



FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

LE910-NAG

MODEL: LE910-NAG

Test Report Number:
T140415W02-D

Issued for

Telit Communications S.p.A.

Via Stazione di Prosecco 5/B
34010 Sgonico, Trieste - Italy

Issued By:

Compliance Certification Services Inc.

Wugu Laboratory

No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City 24891, Taiwan. (R.O.C.)

TEL: 886-2-2299-9720

FAX: 886-2-2299-9721

E-Mail: service@ccsrf.com

Issued Date: June 19, 2014



Note: This report shall not be reproduced except in full, without the written approval of Compliance Certification Services Inc. This document may be altered or revised by Compliance Certification Services Inc. personnel only, and shall be noted in the revision section of the document. The client should not use it to claim product endorsement by TAF, A2LA, NIST or any government agencies. The test results in the report only apply to the tested sample.



Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		June 19, 2014		Initial Issue	ALL	Doris Chu



TABLE OF CONTENTS

1	TEST RESULT CERTIFICATION	4
2	EUT DESCRIPTION.....	5
3	TEST METHODOLOGY	6
3.1.	DECISION OF FINAL TEST MODE.....	6
3.2.	EUT SYSTEM OPERATION	6
4	SETUP OF EQUIPMENT UNDER TEST	7
4.1.	DESCRIPTION OF SUPPORT UNITS.....	7
4.2.	CONFIGURATION OF SYSTEM UNDER TEST	8
5	FACILITIES AND ACCREDITATIONS	9
5.1.	FACILITIES	9
5.2.	ACCREDITATIONS	9
5.3.	MEASUREMENT UNCERTAINTY	10
6	CONDUCTED EMISSION MEASUREMENT	11
6.1.	LIMITS OF CONDUCTED EMISSION MEASUREMENT	11
6.2.	TEST INSTRUMENTS	11
6.3.	TEST PROCEDURES.....	12
6.4.	TEST SETUP	13
6.5.	DATA SAMPLE:	13
6.6.	TEST RESULTS.....	14
7	RADIATED EMISSION MEASUREMENT	30
7.1.	LIMITS OF RADIATED EMISSION MEASUREMENT	30
7.2.	TEST INSTRUMENTS	32
7.3.	TEST PROCEDURES.....	34
7.4.	TEST SETUP	35
7.5.	DATA SAMPLE:	36
7.6.	TEST RESULTS.....	37
8	PHOTOGRAPHS OF THE TEST CONFIGURATION.....	69
APPENDIX 1 - PHOTOGRAPHS OF EUT		



1 TEST RESULT CERTIFICATION

Product:	LE910-NAG
Model:	LE910-NAG
Brand:	Telit
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
Tested:	May 10 ~ June 19, 2014
Test Voltage:	120Vac, 60Hz

EMISSION			
Standard	Item	Result	Remarks
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 5-2012 ANSI C63.4-2009	Conducted (Power Port)	PASS	Meet Class B limit
	Radiated	PASS	Meet Class B limit

Note: 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
None

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Gary Wu
Section Manager

Reviewed by:

Angel Cheng
Section Manager



2 EUT DESCRIPTION

Product	LE910-NAG
Brand Name	Telit
Model	LE910-NAG, LE910-NVG
Applicant	Telit Communications S.p.A.
Identify Number	T140415W02
Received Date	April 15, 2014
EUT Power Rating	DC 3.8V powered from Host device.

Note: 1. Client consigns only one model sample to test (Model Number: LE910-NAG).

I/O Port

I/O PORT TYPES	Q'TY	TESTED WITH
1). Signal Port	1	1
2). SIM Slot	1	1



3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

1. The following test modes were scanned during the preliminary test:

Pre-Test Mode
Mode 1 : GPRS 850
Mode 2 : GPRS 1900
Mode 3 : WCDMA Band II
Mode 4 : WCDMA Band V
Mode 5 : LTE Band II
Mode 6 : LTE Band IV
Mode 7 : LTE Band V
Mode 8 : LTE Band XVII

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

Final Test Mode		
Emission	Conducted Emission	Mode 1 ~ 8
	Radiated Emission	Mode 1 ~ 8

Then, the above highest emission mode of the configuration of the EUT and cable was chosen for all final test items.

3.2. EUT SYSTEM OPERATION

- 1 Setup the EUT and simulators as shown on 4.2.
- 2 Turn on the power of all equipment.
- 3 Turn on the Hyper terminal and Enter the script.
- 4 The EUT will receive the RF signal source and sustained action.
- 5 Adjust to the test mode, and begin the test.

Note: Test program is self-repeating throughout the test.



4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

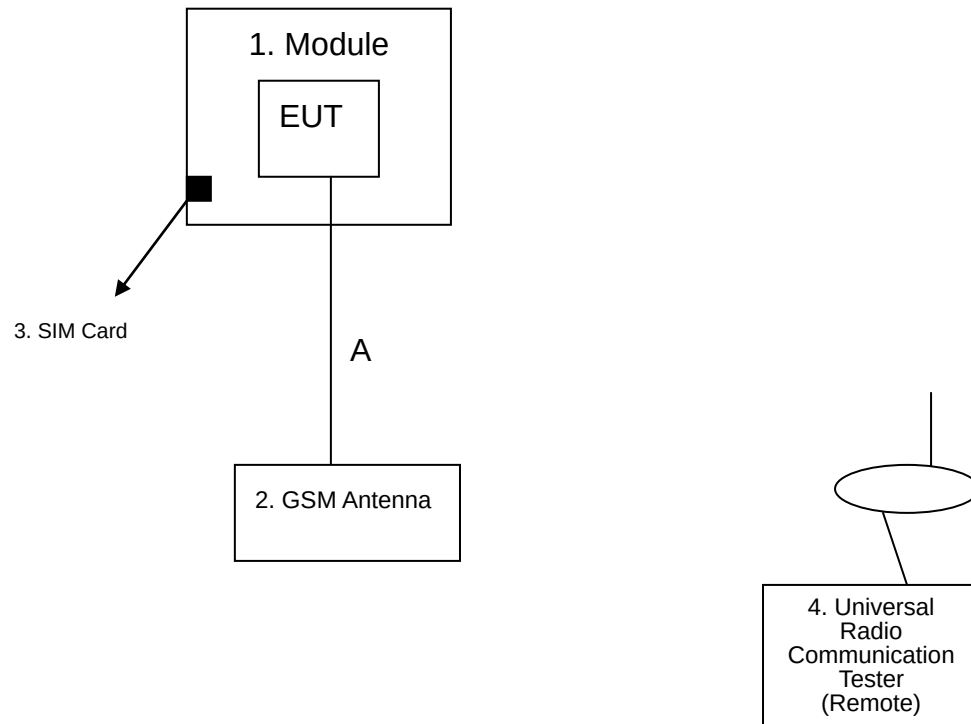
No.	Equipment	Trade Name	Model No.	Serial No.	FCC ID / BSMI ID	Power Cord
1	Module	N/A	N/A	N/A	N/A	N/A
2	Antenna	N/A	N/A	N/A	N/A	N/A
3.	SIM Card	N/A	N/A	N/A	N/A	N/A
4	Universal Radio Communication Tester (Remote)	R & S	CMU 200	N/A	N/A	Non-shielded 1.8m

No.	Cable Name	Unit	Shielded	Length	With Core
(A)	Antenna Cable	1	☐ Shielded, ☒ Non	1.8 m	☐ With Core, ☒ Non

Note: Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.



4.2. CONFIGURATION OF SYSTEM UNDER TEST





5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

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

- ☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)
- ☒ No.139, Wugong Rd., Wugu Dist., New Taipei City 24891, Taiwan (R.O.C.)
- ☐ No.81-1, Lane 210, Bade 2nd Rd., Lujhu Township, Taoyuan County 33841, TAIWAN, R.O.C.
- ☐ No.163-1, Jhongsheng Rd., Sindian City, Taipei County 23151, Taiwan.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5.

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

Taiwan	TAF (TAF 1309)
USA	A2LA (0824.01)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	Industry Canada (3M Semi Anechoic Chamber: IC 2324G-1 / IC 2324G-2 / 2324J-1 / 2324J-2 to perform)
Norway	Nemko
Japan	VCCI 966 Chamber C: Radiated emissions: 30 MHz -1000 MHz: R-3282 / Above 1GHz: G-146 10M Chamber: Radiated emissions: 30 MHz -1000 MHz: R-3283 / Above 1GHz: G-147 Conducted Emission B: C-3700 / T-1839
USA	FCC (3M Semi Anechoic Chamber (FCC MRA: TW1039) to perform FCC Part 15 measurements)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.ccsrf.com>



5.3. MEASUREMENT UNCERTAINTY

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

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz~30MHz	± 1.2575 dB
Radiated emissions	30~200MHz	± 3.9163 dB
	200~1000MHz	± 3.9030 dB
	Above 1GHz	± 2.5208 dB

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

Consistent with industry standard (e.g. CISPR 22:2008, clause 11, Measurement Uncertainty) determining compliance with the limits shall be based on the results of the compliance measurement. Consequently the measured emissions being less than the maximum allowed emission result in this being a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is based on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.



6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE:

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

Conducted Emission Room #B				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESCI	101073	07/30/2014
LISN	R&S	ENV216	101054	06/04/2015
LISN	EMCO	3825/2	9106-1809	07/02/2014
ISN	FCC	FCC-TLISN-T2-02-09	100105	07/29/2014
ISN	FCC	FCC-TLISN-T4-02-09	20395	05/22/2015
ISN	FCC	FCC-TLISN-T8-02-09	100106	07/30/2014
Capacitive Voltage Probe	FCC	F-CVP-1	100185	03/23/2015
Test S/W	CCS-3A1-CE			

Note:

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



6.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

Procedure of Preliminary Test

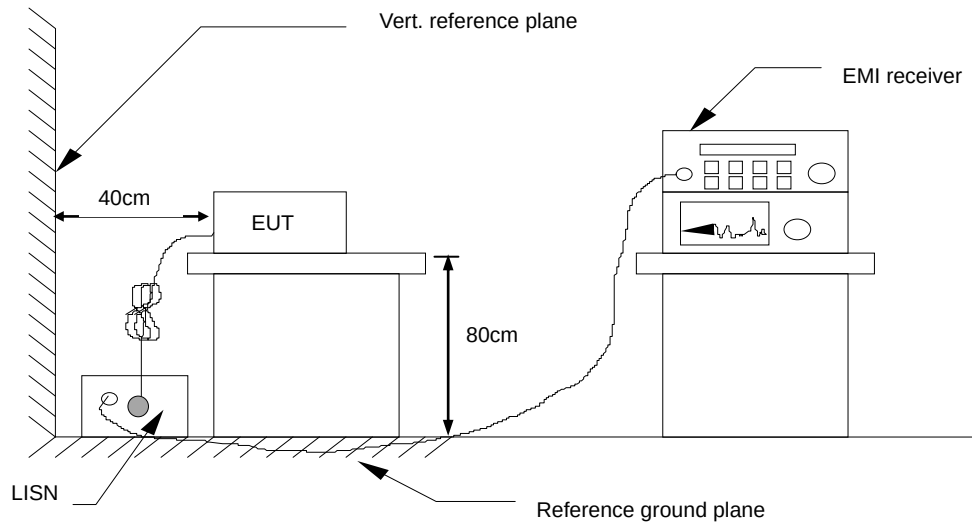
- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC 120VAC/60Hz main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.



6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

6.5. DATA SAMPLE:

Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
x.xx	43.95	33.00	10.00	53.95	43.00	56.00	46.00	-2.05	-3.00	Pass

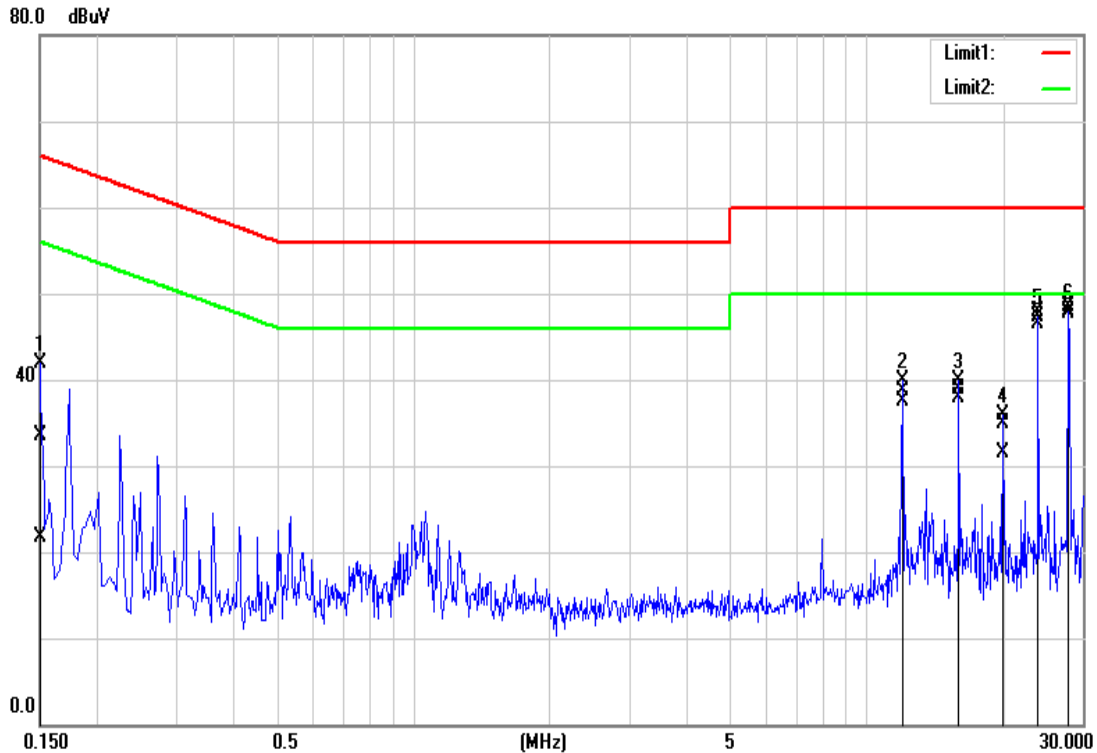
Frequency (MHz) = Emission frequency in MHz
Reading (dBuV) = Uncorrected Analyzer/Receiver reading + Insertion loss of LISN, if it > 0.5 dB
Correction Factor (dB) = LISN Factor + Cable Loss
Result (dBuV) = Raw reading converted to dBuV and CF added
Limit (dBuV) = Limit stated in standard
Margin (dB) = Result (dBuV) – Limit (dBuV)



6.6. TEST RESULTS

CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 1
Tested by	Moore Cheng	Line	L1



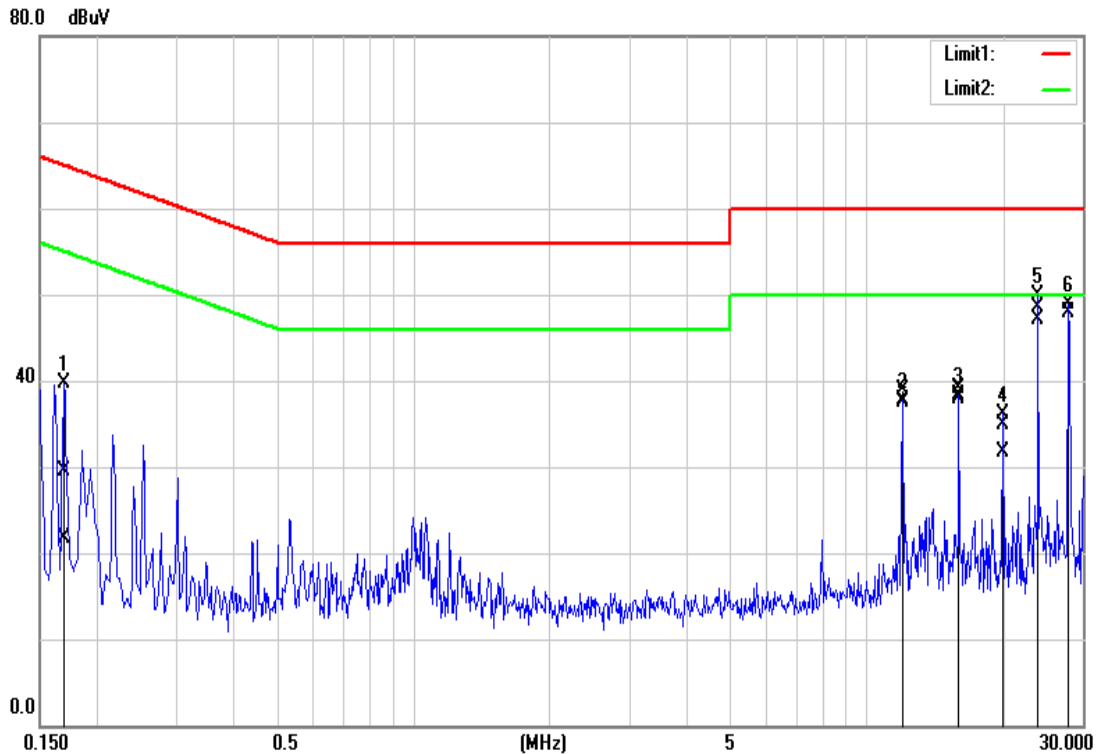
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1500	23.78	12.02	9.67	33.45	21.69	65.99	56.00	-32.54	-34.31	Pass
2	12.0020	28.82	27.51	9.98	38.80	37.49	60.00	50.00	-21.20	-12.51	Pass
3	16.0020	28.83	27.82	10.00	38.83	37.82	60.00	50.00	-21.17	-12.18	Pass
4	20.0020	24.78	21.51	10.03	34.81	31.54	60.00	50.00	-25.19	-18.46	Pass
5	24.0020	38.02	36.63	9.97	47.99	46.60	60.00	50.00	-12.01	-3.40	Pass
6*	28.0020	38.64	37.78	9.92	48.56	47.70	60.00	50.00	-11.44	-2.30	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 1
Tested by	Moore Cheng	Line	L2



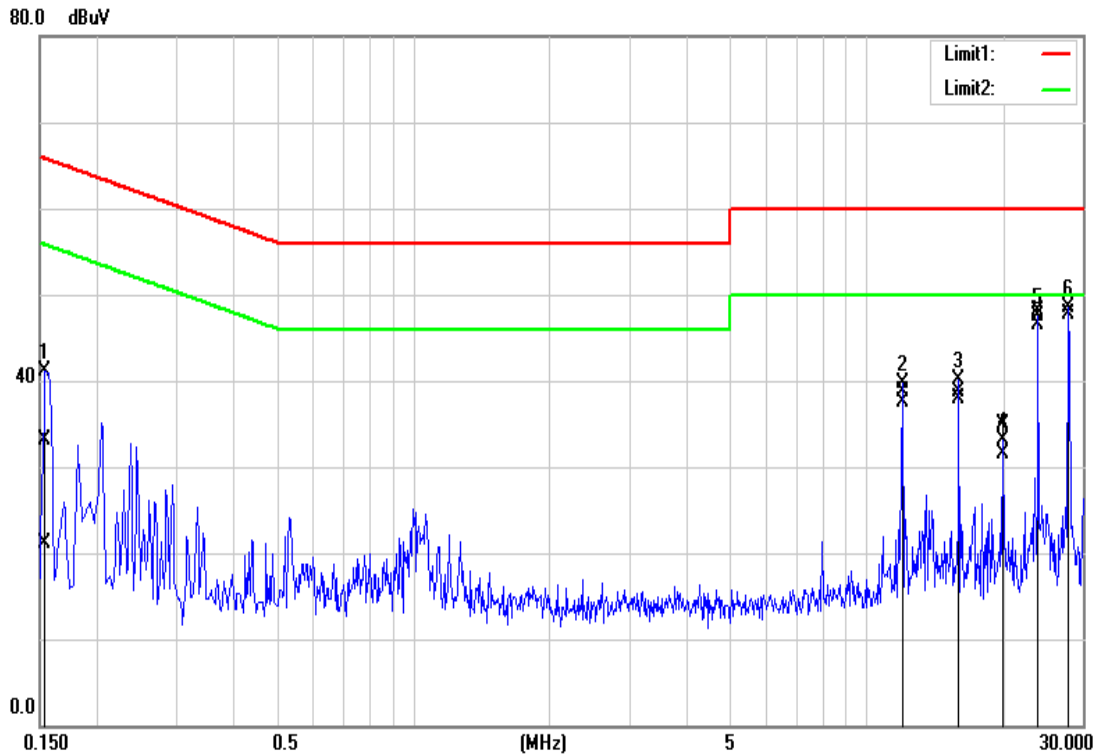
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1700	19.89	11.92	9.70	29.59	21.62	64.96	54.96	-35.37	-33.34	Pass
2	12.0020	28.81	27.53	10.02	38.83	37.55	60.00	50.00	-21.17	-12.45	Pass
3	16.0020	28.97	27.91	10.04	39.01	37.95	60.00	50.00	-20.99	-12.05	Pass
4	20.0020	24.79	21.56	10.05	34.84	31.61	60.00	50.00	-25.16	-18.39	Pass
5	24.0020	38.45	36.98	10.05	48.50	47.03	60.00	50.00	-11.50	-2.97	Pass
6*	28.0020	38.84	37.82	10.05	48.89	47.87	60.00	50.00	-11.11	-2.13	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 2
Tested by	Moore Cheng	Line	L1



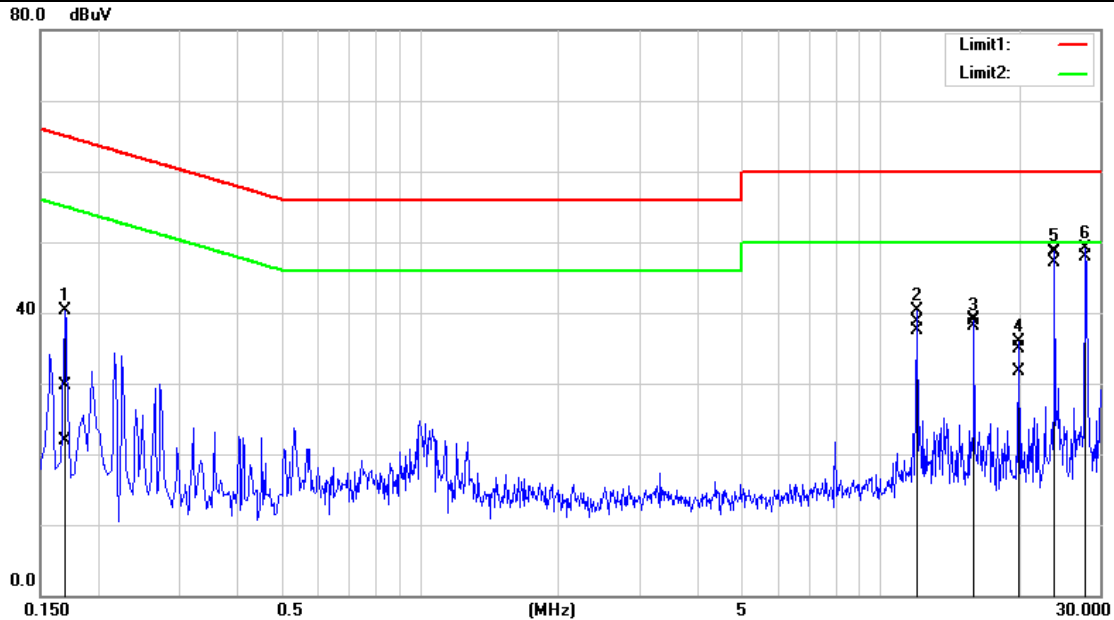
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1539	23.52	11.45	9.67	33.19	21.12	65.78	55.79	-32.59	-34.67	Pass
2	12.0020	28.75	27.49	9.98	38.73	37.47	60.00	50.00	-21.27	-12.53	Pass
3	16.0020	28.80	27.82	10.00	38.80	37.82	60.00	50.00	-21.20	-12.18	Pass
4	20.0020	24.92	21.57	10.03	34.95	31.60	60.00	50.00	-25.05	-18.40	Pass
5	24.0020	38.12	36.63	9.97	48.09	46.60	60.00	50.00	-11.91	-3.40	Pass
6*	28.0020	38.54	37.76	9.92	48.46	47.68	60.00	50.00	-11.54	-2.32	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 2
Tested by	Moore Cheng	Line	L2



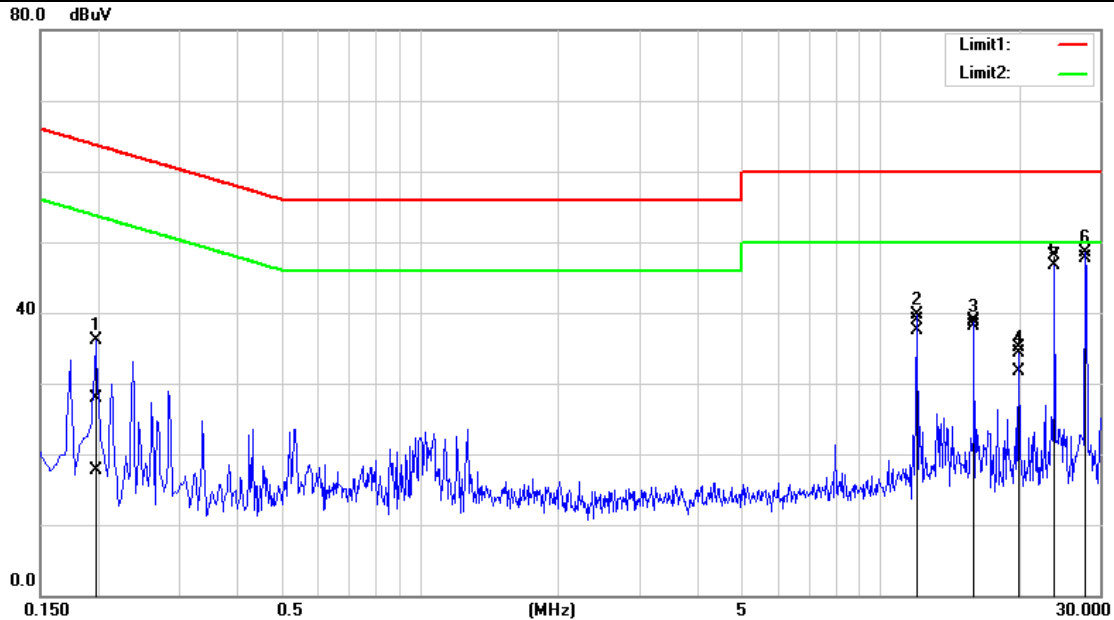
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1700	20.10	12.15	9.70	29.80	21.85	64.96	54.96	-35.16	-33.11	Pass
2	12.0020	28.76	27.53	10.02	38.78	37.55	60.00	50.00	-21.22	-12.45	Pass
3	16.0020	29.04	28.00	10.04	39.08	38.04	60.00	50.00	-20.92	-11.96	Pass
4	20.0020	24.92	21.63	10.05	34.97	31.68	60.00	50.00	-25.03	-18.32	Pass
5	24.0020	38.49	37.01	10.05	48.54	47.06	60.00	50.00	-11.46	-2.94	Pass
6*	28.0020	38.98	37.79	10.05	49.03	47.84	60.00	50.00	-10.97	-2.16	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 3
Tested by	Moore Cheng	Line	L1



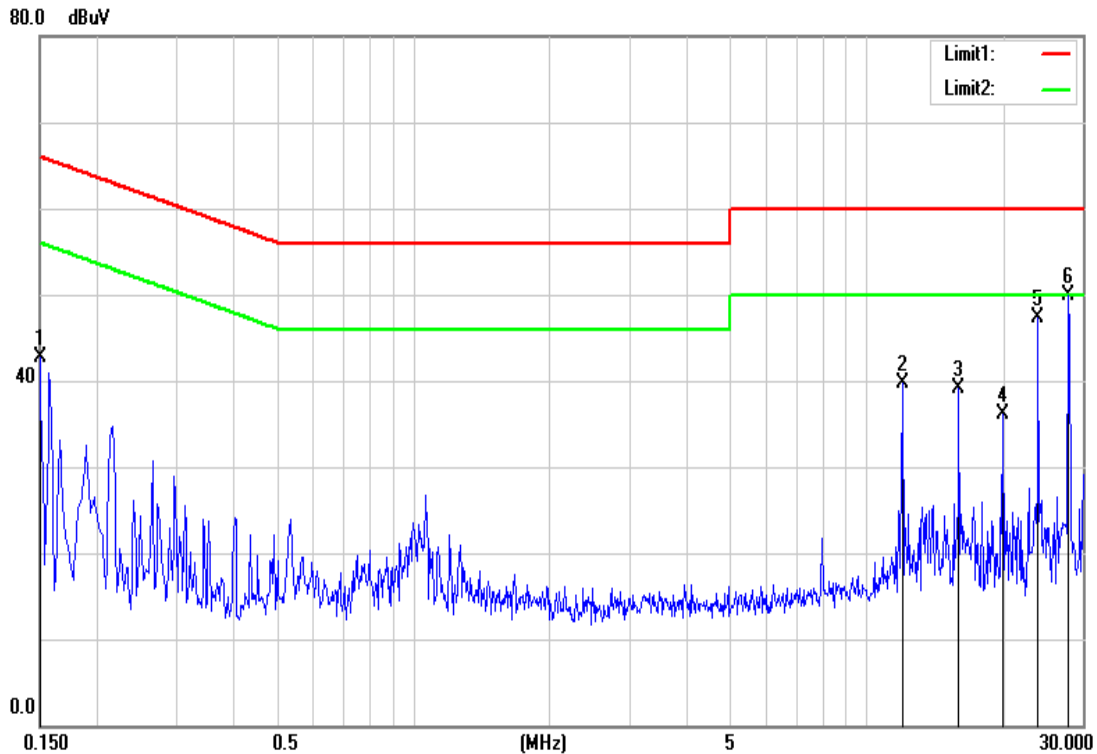
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1949	18.22	8.09	9.63	27.85	17.72	63.82	53.83	-35.97	-36.11	Pass
2	12.0018	28.85	27.57	9.98	38.83	37.55	60.00	50.00	-21.17	-12.45	Pass
3	16.0014	28.95	28.05	10.00	38.95	38.05	60.00	50.00	-21.05	-11.95	Pass
4	20.0009	25.03	21.69	10.03	35.06	31.72	60.00	50.00	-24.94	-18.28	Pass
5	24.0017	38.16	36.65	9.97	48.13	46.62	60.00	50.00	-11.87	-3.38	Pass
6*	28.0017	38.64	37.75	9.92	48.56	47.67	60.00	50.00	-11.44	-2.33	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 3
Tested by	Moore Cheng	Line	L2



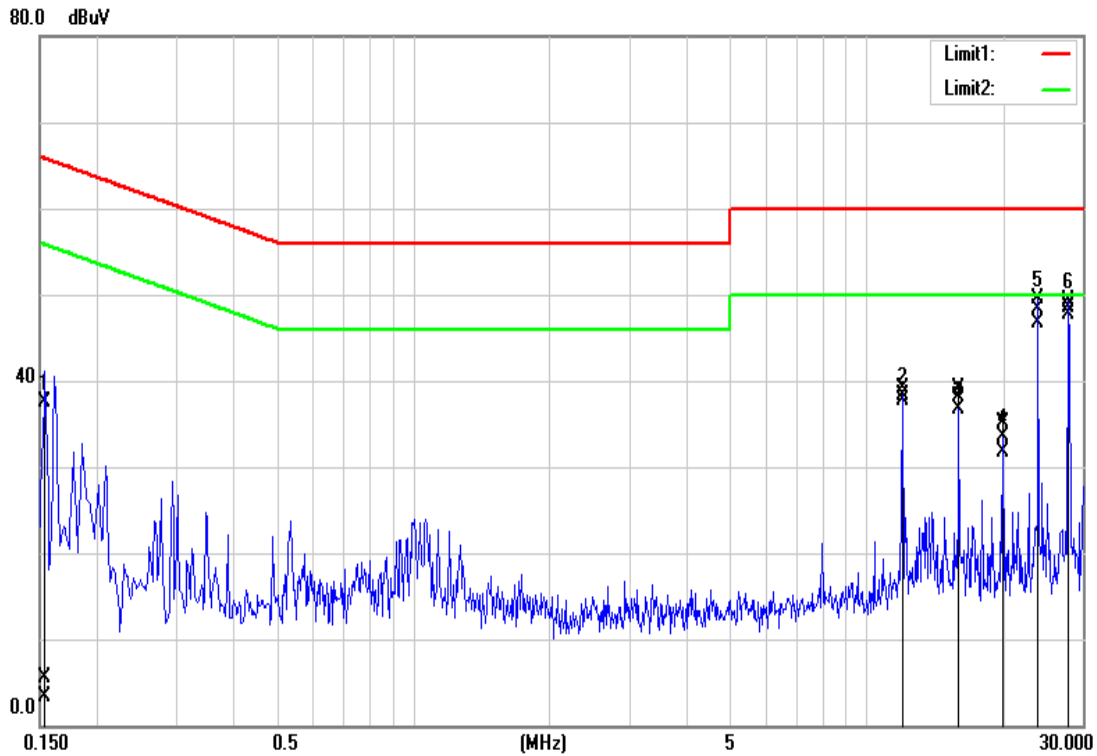
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1500	33.03	33.03	9.72	42.75	42.75	65.99	56.00	-23.24	-13.25	Pass
2	12.0020	29.63	29.63	10.02	39.65	39.65	60.00	50.00	-20.35	-10.35	Pass
3	16.0020	29.13	29.13	10.04	39.17	39.17	60.00	50.00	-20.83	-10.83	Pass
4	20.0020	26.10	26.10	10.05	36.15	36.15	60.00	50.00	-23.85	-13.85	Pass
5	24.0020	37.19	37.19	10.05	47.24	47.24	60.00	50.00	-12.76	-2.76	Pass
6*	28.0020	39.85	39.85	10.05	49.90	49.90	60.00	50.00	-10.10	-0.10	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 4
Tested by	Moore Cheng	Line	L1



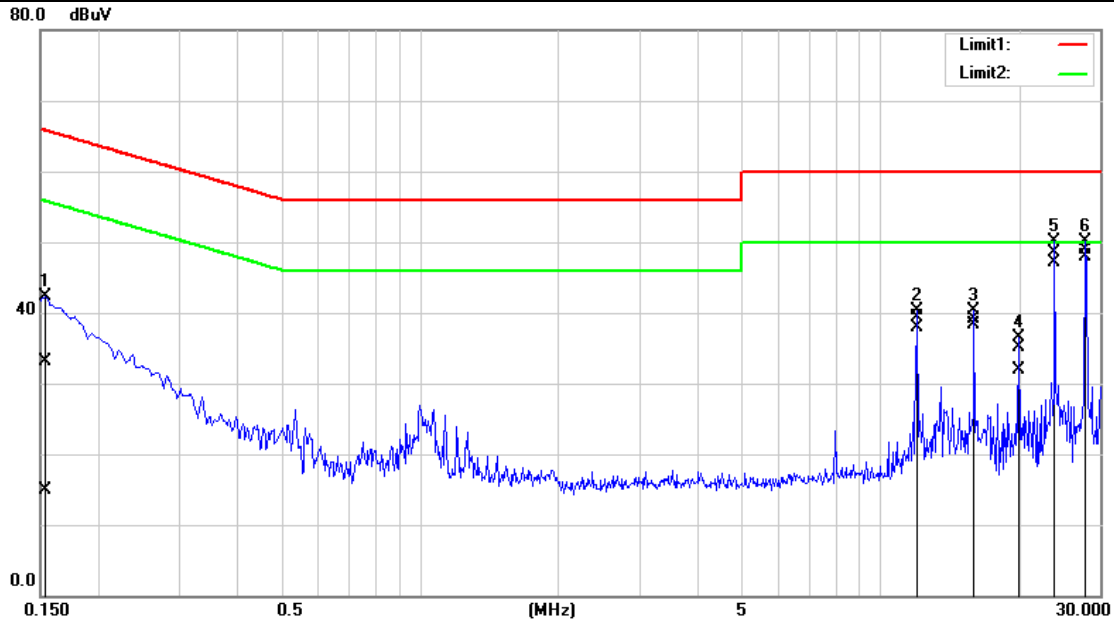
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1498	-4.19	-6.46	9.67	5.48	3.21	66.01	56.01	-60.53	-52.80	Pass
2	12.0006	29.11	27.82	9.98	39.09	37.80	60.00	50.00	-20.91	-12.20	Pass
3	16.0008	29.03	28.05	10.00	39.03	38.05	60.00	50.00	-20.97	-11.95	Pass
4	20.0013	25.00	21.73	10.03	35.03	31.76	60.00	50.00	-24.97	-18.24	Pass
5	24.0019	38.25	36.65	9.97	48.22	46.62	60.00	50.00	-11.78	-3.38	Pass
6*	28.0019	38.55	37.77	9.92	48.47	47.69	60.00	50.00	-11.53	-2.31	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 4
Tested by	Moore Cheng	Line	L2



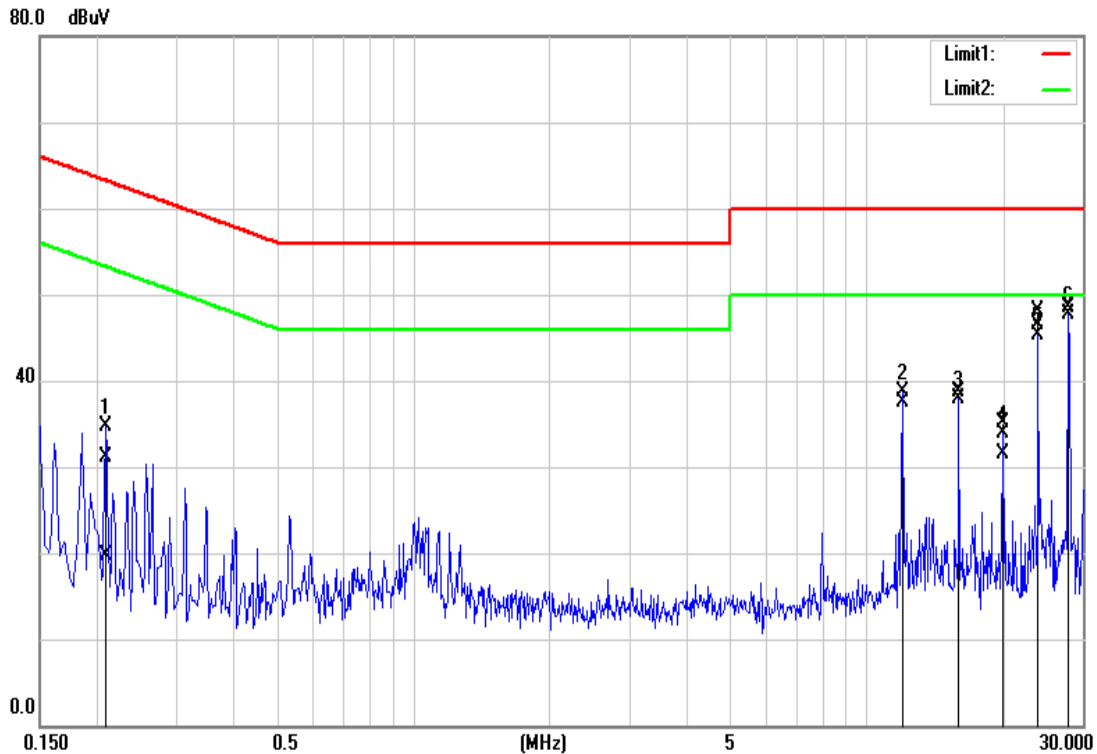
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1508	23.37	5.14	9.72	33.09	14.86	65.95	55.96	-32.86	-41.10	Pass
2	12.0007	29.23	27.90	10.02	39.25	37.92	60.00	50.00	-20.75	-12.08	Pass
3	16.0016	29.09	28.20	10.04	39.13	38.24	60.00	50.00	-20.87	-11.76	Pass
4	20.0012	25.14	21.88	10.05	35.19	31.93	60.00	50.00	-24.81	-18.07	Pass
5	24.0020	38.55	37.00	10.05	48.60	47.05	60.00	50.00	-11.40	-2.95	Pass
6*	28.0019	38.89	37.90	10.05	48.94	47.95	60.00	50.00	-11.06	-2.05	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 5
Tested by	Moore Cheng	Line	L1



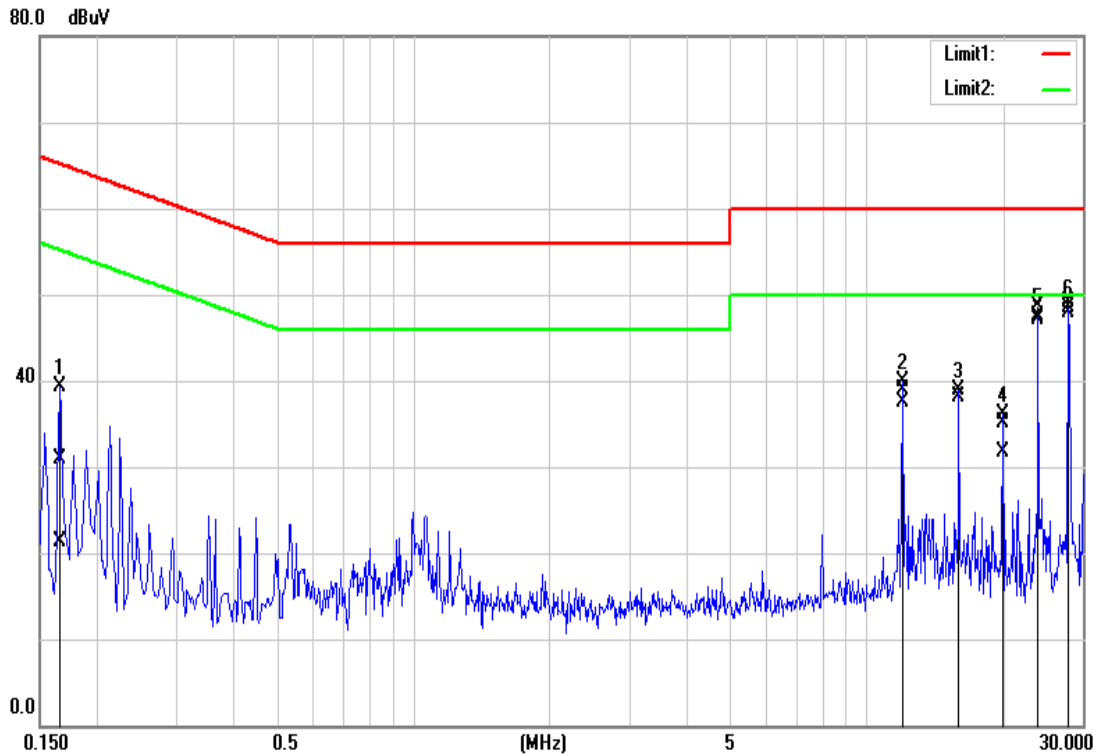
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.2100	21.56	10.06	9.62	31.18	19.68	63.20	53.21	-32.02	-33.53	Pass
2	12.0020	28.78	27.49	9.98	38.76	37.47	60.00	50.00	-21.24	-12.53	Pass
3	16.0020	28.73	27.81	10.00	38.73	37.81	60.00	50.00	-21.27	-12.19	Pass
4	20.0020	24.99	21.57	10.03	35.02	31.60	60.00	50.00	-24.98	-18.40	Pass
5	24.0020	38.21	36.63	9.97	48.18	46.60	60.00	50.00	-11.82	-3.40	Pass
6*	28.0020	38.57	37.77	9.92	48.49	47.69	60.00	50.00	-11.51	-2.31	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 5
Tested by	Moore Cheng	Line	L2



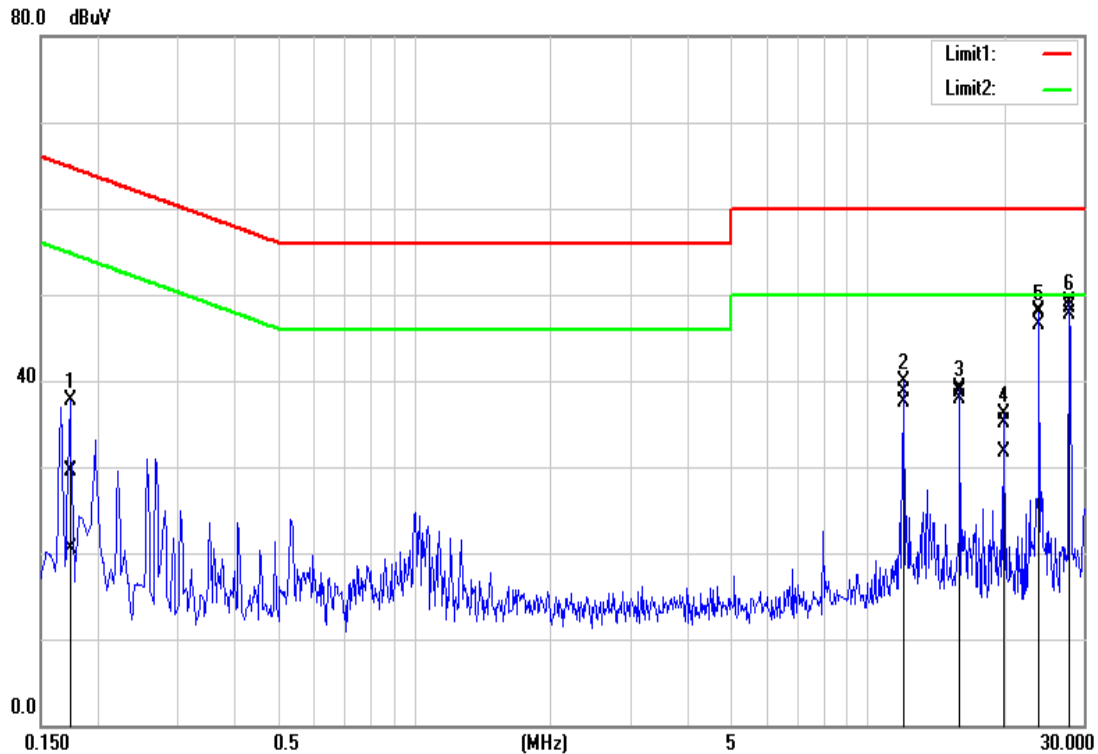
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1660	21.12	11.70	9.70	30.82	21.40	65.15	55.16	-34.33	-33.76	Pass
2	12.0020	28.83	27.51	10.02	38.85	37.53	60.00	50.00	-21.15	-12.47	Pass
3	16.0020	28.86	28.00	10.04	38.90	38.04	60.00	50.00	-21.10	-11.96	Pass
4	20.0020	25.11	21.69	10.05	35.16	31.74	60.00	50.00	-24.84	-18.26	Pass
5	24.0020	38.64	37.02	10.05	48.69	47.07	60.00	50.00	-11.31	-2.93	Pass
6*	28.0020	38.96	37.88	10.05	49.01	47.93	60.00	50.00	-10.99	-2.07	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 6
Tested by	Moore Cheng	Line	L1



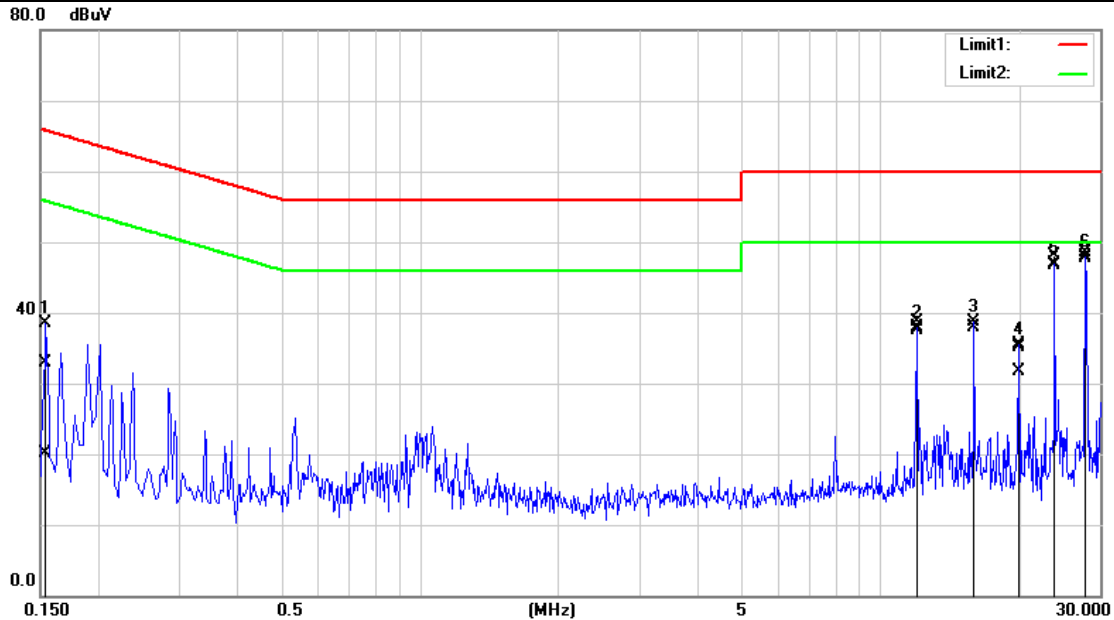
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1740	19.80	10.91	9.65	29.45	20.56	64.76	54.77	-35.31	-34.21	Pass
2	12.0020	28.78	27.48	9.98	38.76	37.46	60.00	50.00	-21.24	-12.54	Pass
3	16.0020	28.71	27.81	10.00	38.71	37.81	60.00	50.00	-21.29	-12.19	Pass
4	20.0020	24.99	21.61	10.03	35.02	31.64	60.00	50.00	-24.98	-18.36	Pass
5	24.0020	38.21	36.62	9.97	48.18	46.59	60.00	50.00	-11.82	-3.41	Pass
6*	28.0020	38.57	37.77	9.92	48.49	47.69	60.00	50.00	-11.51	-2.31	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 6
Tested by	Moore Cheng	Line	L2



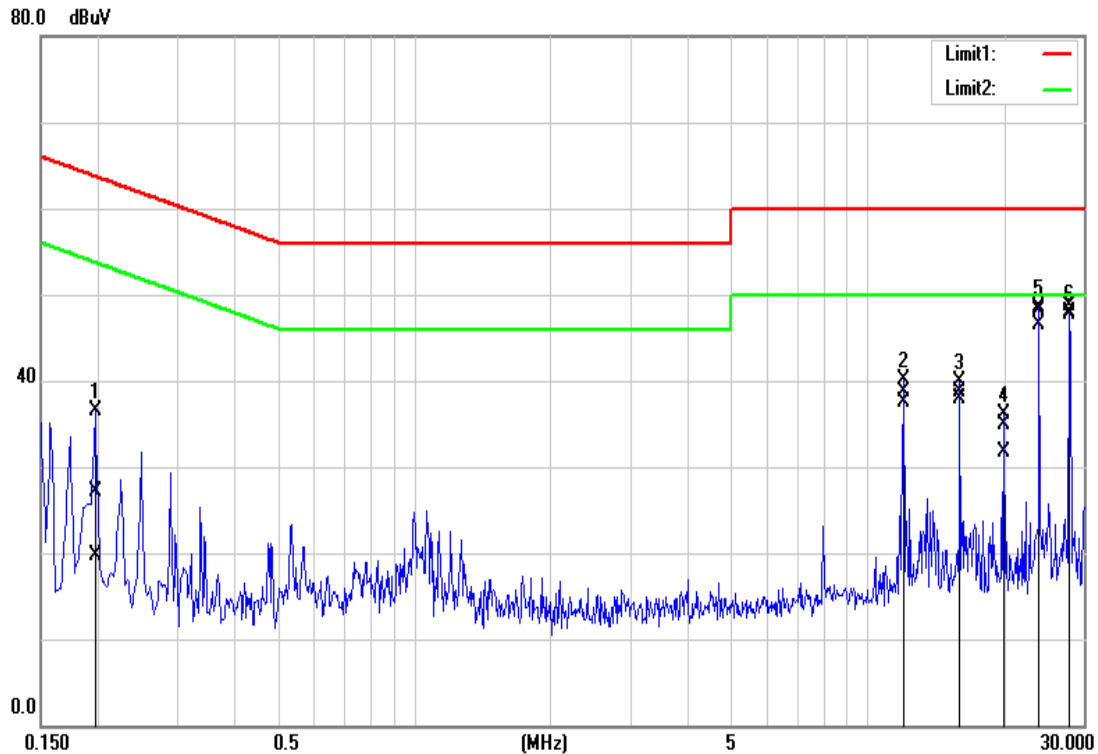
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1539	23.26	10.46	9.67	32.93	20.13	65.78	55.79	-32.85	-35.66	Pass
2	12.0020	28.78	27.48	9.98	38.76	37.46	60.00	50.00	-21.24	-12.54	Pass
3	16.0020	28.66	27.81	10.00	38.66	37.81	60.00	50.00	-21.34	-12.19	Pass
4	20.0020	25.02	21.64	10.03	35.05	31.67	60.00	50.00	-24.95	-18.33	Pass
5	24.0020	38.20	36.64	9.97	48.17	46.61	60.00	50.00	-11.83	-3.39	Pass
6*	28.0020	38.64	37.79	9.92	48.56	47.71	60.00	50.00	-11.44	-2.29	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 7
Tested by	Moore Cheng	Line	L1



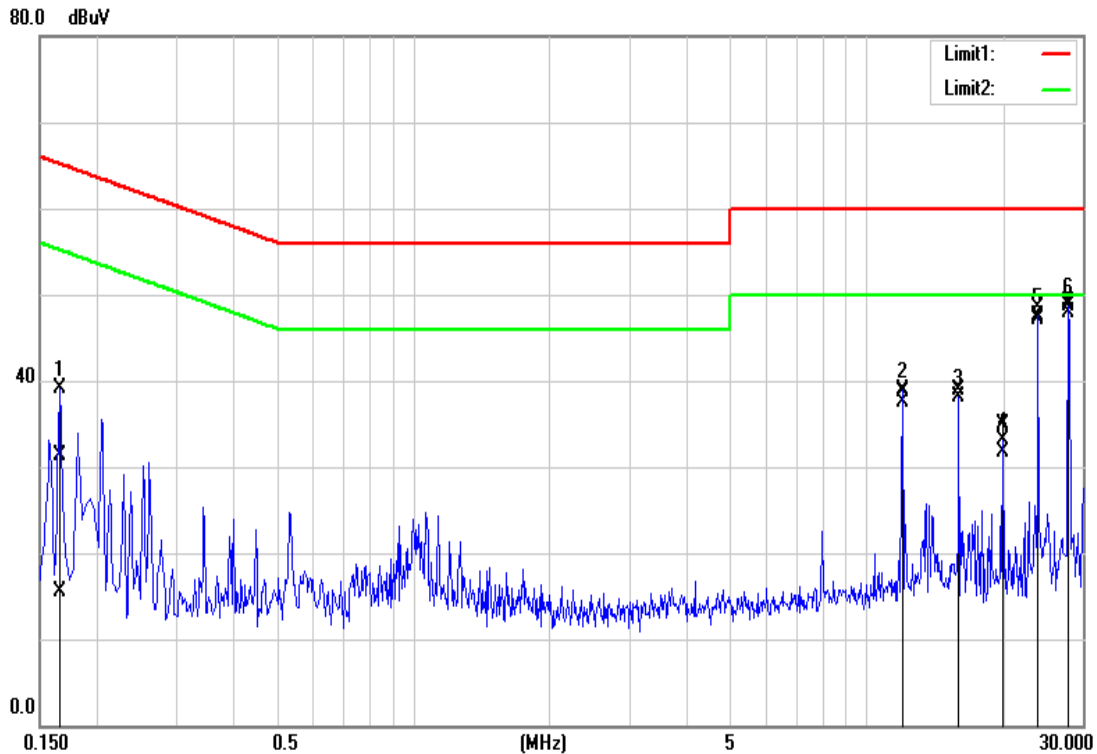
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1980	17.57	10.13	9.62	27.19	19.75	63.69	53.69	-36.50	-33.94	Pass
2	12.0020	28.71	27.46	9.98	38.69	37.44	60.00	50.00	-21.31	-12.56	Pass
3	16.0020	28.73	27.84	10.00	38.73	37.84	60.00	50.00	-21.27	-12.16	Pass
4	20.0020	24.81	21.58	10.03	34.84	31.61	60.00	50.00	-25.16	-18.39	Pass
5	24.0020	38.21	36.63	9.97	48.18	46.60	60.00	50.00	-11.82	-3.40	Pass
6*	28.0020	38.69	37.77	9.92	48.61	47.69	60.00	50.00	-11.39	-2.31	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 7
Tested by	Moore Cheng	Line	L2



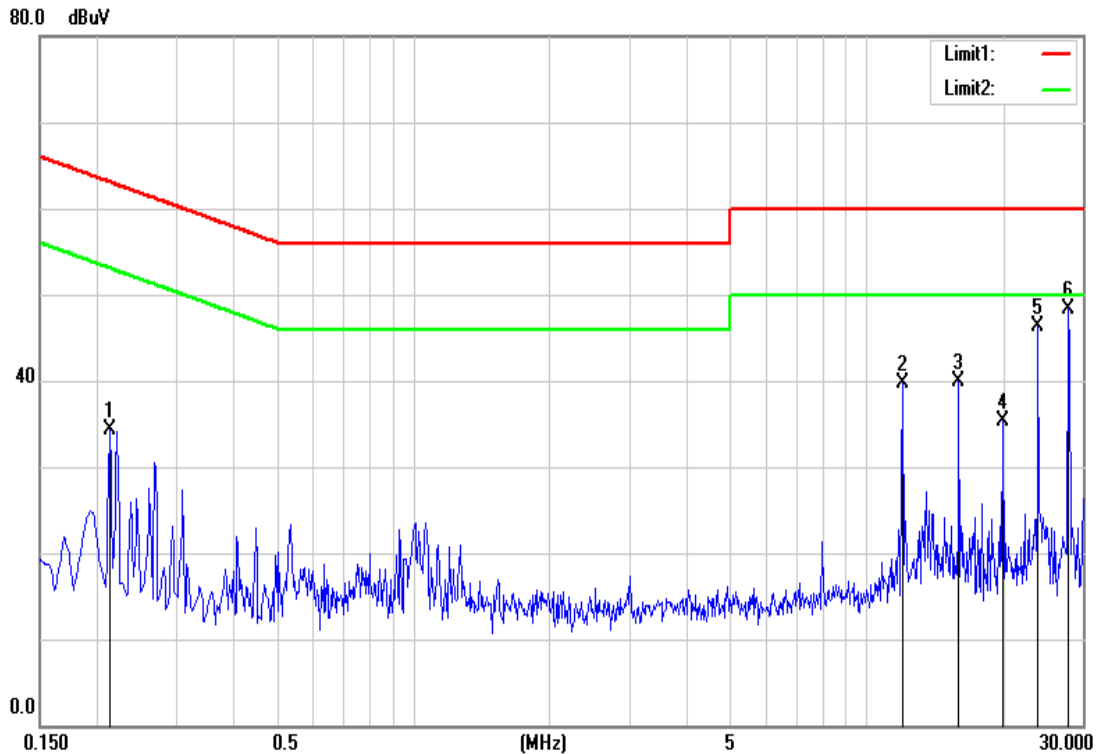
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1660	21.58	5.80	9.70	31.28	15.50	65.15	55.16	-33.87	-39.66	Pass
2	12.0020	28.69	27.49	10.02	38.71	37.51	60.00	50.00	-21.29	-12.49	Pass
3	16.0020	28.92	28.02	10.04	38.96	38.06	60.00	50.00	-21.04	-11.94	Pass
4	20.0020	24.80	21.67	10.05	34.85	31.72	60.00	50.00	-25.15	-18.28	Pass
5	24.0020	38.41	36.99	10.05	48.46	47.04	60.00	50.00	-11.54	-2.96	Pass
6*	28.0020	39.09	37.90	10.05	49.14	47.95	60.00	50.00	-10.86	-2.05	Pass

REMARKS: L2 = Line Two (Neutral Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 8
Tested by	Moore Cheng	Line	L1



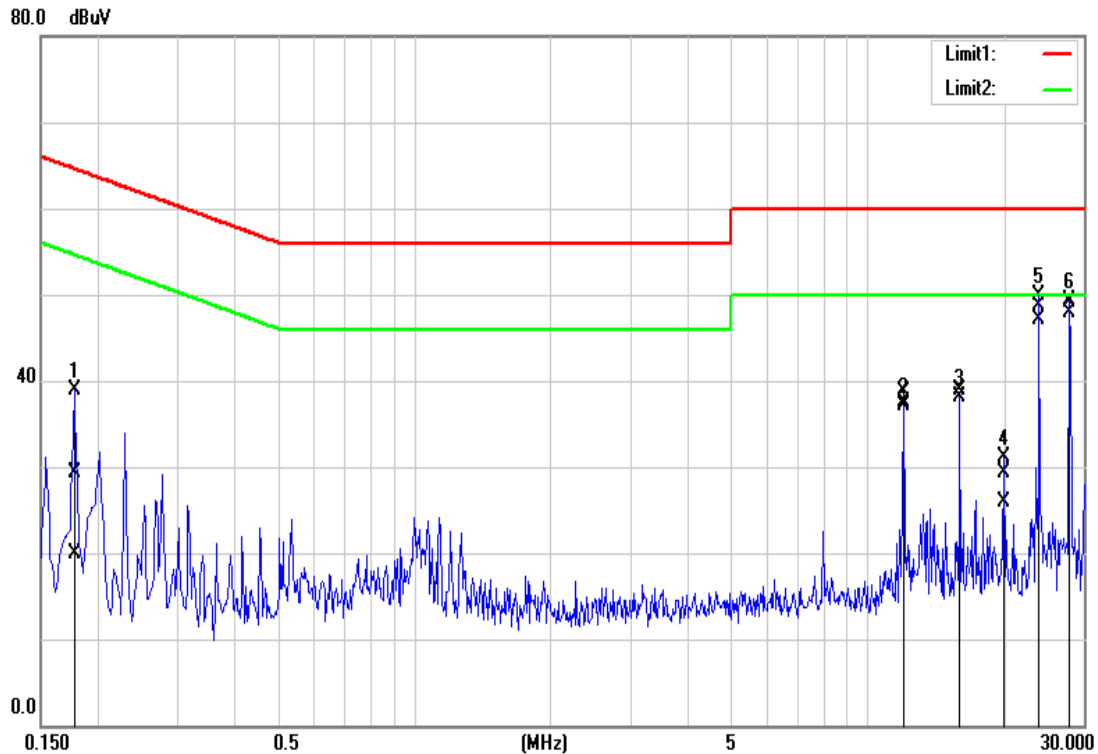
NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.2140	24.65	24.65	9.62	34.27	34.27	63.04	53.05	-28.77	-18.78	Pass
2	12.0020	29.70	29.70	9.98	39.68	39.68	60.00	50.00	-20.32	-10.32	Pass
3	16.0020	29.95	29.95	10.00	39.95	39.95	60.00	50.00	-20.05	-10.05	Pass
4	20.0020	25.26	25.26	10.03	35.29	35.29	60.00	50.00	-24.71	-14.71	Pass
5	24.0020	36.32	36.32	9.97	46.29	46.29	60.00	50.00	-13.71	-3.71	Pass
6*	28.0020	38.37	38.37	9.92	48.29	48.29	60.00	50.00	-11.71	-1.71	Pass

REMARKS: L1 = Line One (Live Line)



CCS Conduction Test

Model No.	LE910-NVG	Test Date	2014/6/19
Environmental Conditions	24°C, 50% RH	Test Mode	Mode 8
Tested by	Moore Cheng	Line	L2



NO.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark (Pass/Fail)
1	0.1780	19.71	10.28	9.69	29.40	19.97	64.57	54.58	-35.17	-34.61	Pass
2	12.0020	28.75	27.48	10.02	38.77	37.50	60.00	50.00	-21.23	-12.50	Pass
3	16.0020	28.95	28.03	10.04	38.99	38.07	60.00	50.00	-21.01	-11.93	Pass
4	20.0060	19.30	15.90	10.05	29.35	25.95	60.00	50.00	-30.65	-24.05	Pass
5	24.0020	38.61	37.01	10.05	48.66	47.06	60.00	50.00	-11.34	-2.94	Pass
6*	28.0020	38.98	37.81	10.05	49.03	47.86	60.00	50.00	-10.97	-2.14	Pass

REMARKS: L2 = Line Two (Neutral Line)



7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.75	30
1.75-108	1000
108-500	2000
500-1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

Below 1GHz (for digital device)

FREQUENCY (MHz)	dBuV/m (At 10m)	
	Class A	Class B
30 ~ 230	40	30
230 ~ 1000	47	37

Limit tables for non-digital device:

Class A Radiated Emission limit at 10m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	90	39
88 - 216	150	43.5
216 – 960	210	46.4
Above 960	300	49.5

Class B Radiated Emission limit at 3m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	100	40
88 - 216	150	43.5
216 – 960	200	46
Above 960	500	54

**Above 1GHz (for all device)**

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 1000	49.5	69.5	54	74

NOTE: (1) The lower limit shall apply at the transition frequencies.

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

(3) The measurement above 1GHz is at close-in distances 3m, and determine the limit **L₂** corresponding to the close-in distance **d₂** by applying the following relation: **L₂ = L₁ (d₁/d₂)**, where **L₁** is the specified limit in microvolts per metre (**uV/m**) at the distance **d₁ (10m)**, **L₂** is the new limit for distance **d₂ (3m)**.

So the new Class A limit above 1GHz at 3m is as following table:

Frequency (MHZ)	Class A (dBuV/m) (At 3m)	
	Average	Peak
Above 1000	60	80

**7.2. TEST INSTRUMENTS**

Wugu 10M Chamber				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	E4446A	MY48250297	10/02/2014
EMI Test Receiver	R&S	ESCI	100961	09/04/2014
EMI Test Receiver	R&S	ESCI	100962	09/04/2014
Pre-Amplifier	HP	8447D	2944A07754	05/05/2015
Pre-Amplifier	HP	8447D	2944A08150	05/05/2015
Pre-Amplifier	EMC	EMC012645	980056	05/05/2015
Pre-Amplifier	MITEQ	AMF-6F-260400-40-8P	985646	08/08/2014
Bilog Antenna	TESEQ	CBL 6112D	31674	09/09/2014
Bilog Antenna	TESEQ	CBL6112D	31675	09/09/2014
Horn Antenna	EMCO	3117	55167	01/08/2015
Horn Antenna	EMCO	3116	26370	01/06/2015
Coaxial Cable	Huber+Suhner	104PEA	33948/4PEA	05/05/2015
Coaxial Cable	Huber+Suhner	104PEA	33949/4PEA	05/05/2015
Coaxial Cable	Huber+Suhner	104	330026/4	05/05/2015
Coaxial Cable	Huber+Suhner	104	330029/4	05/05/2015
Coaxial Cable	Huber+Suhner	104	329382/4	05/05/2015
Coaxial Cable	Huber+Suhner	104	330028/4	05/05/2015
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
Antenna Tower	Sunol Sciences	TLT2	031010-5	N.C.R.
Controller	Sunol Sciences	SC104V	031010-1	N.C.R.
Site NSA	CCS	N/A	N/A	11/22/2014
Site VSWR	CCS	N/A	N/A	11/28/2014
Test S/W	EZ-EMC (CCS-3A1RE)			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. N.C.R = No Calibration Request.



Wugu 966 Chamber C				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	E4407B	MY44212679	02/23/2015
EMI Test Receiver	R&S	ESCI	100960	11/19/2014
Bilog Antenna	Sunol Sciences	JB1	A100209-1	09/09/2014
Horn Antenna	EMCO	3117	00055163	01/06/2015
Pre-Amplifier	MITEQ	1625-3000	1490938	05/05/2015
Pre-Amplifier	EMC	EMC051845	980040	05/05/2015
Coaxial Cable	Huber+Suhner	104PEA	34376/4PEA	05/05/2015
Coaxial Cable	Huber+Suhner	104PEA	33954/4PEA	05/05/2015
Coaxial Cable	Huber+Suhner	104PEA	34418/4PEA	05/05/2015
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
Site NSA	CCS	N/A	N/A	10/29/2014
Site VSWR	CCS	N/A	N/A	11/27/2014
Test S/W	EZ-EMC (CCS-3A1RE)			

- NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. N.C.R = No Calibration Request.



7.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

The basic test procedure was in accordance with ANSI C63.4-2009 and ICES-003: 2004.

Frequency range 30MHz ~ 1GHz

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position.
2. The EUT was set 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The height of antenna is varied from one meter to four meter above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was turned to heights for 1 meter to 4 meters and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.

NOTE: The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.

Frequency range above 1GHz

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position.
2. The EUT was set 3 meters away from the directional antenna, which was pointed towards the source of the emission within the EUT. This could be done by either pointing the antenna at an angle towards the source of the emission, or by rotating the EUT, in both height and polarization, to maximize the measured emission.
3. The height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3 dB beamwidth both, to detect the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was turned to heights and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.

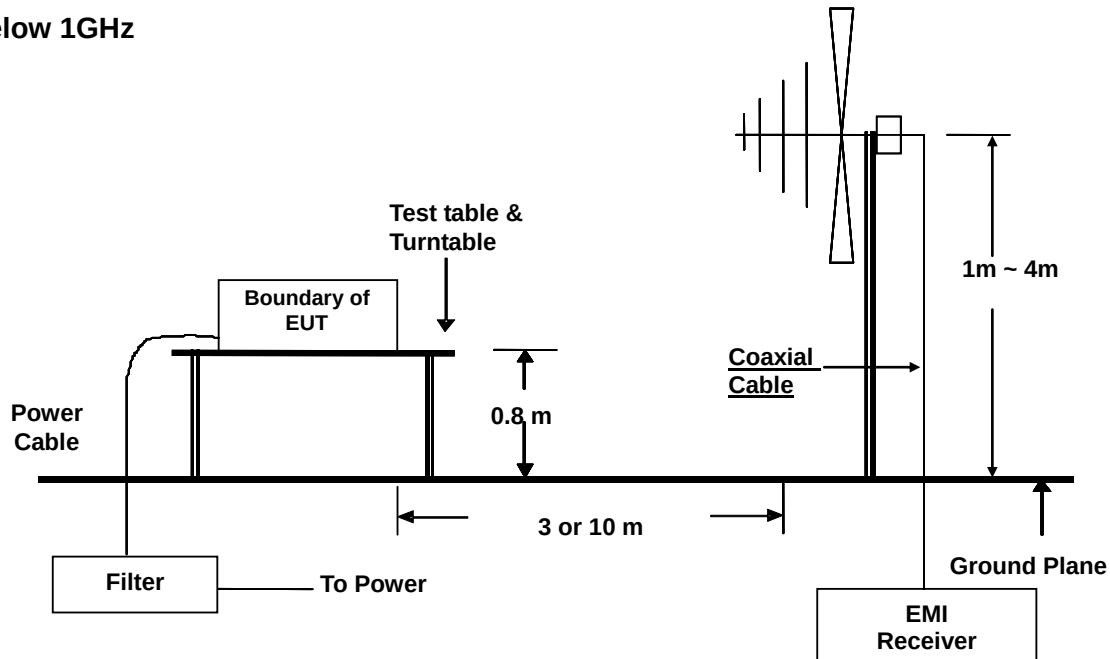
NOTE:

1. The resolution bandwidth is 1MHz and video bandwidth of test spectrum analyzer is 1 MHz for peak detection at above 1GHz. The resolution bandwidth is 1MHz and video bandwidth of test spectrum analyzer is 100Hz for average detection at frequency above 1 GHz.
2. For measurement of frequency above 1GHz, the EUT was set 3 meters away from the directional antenna.

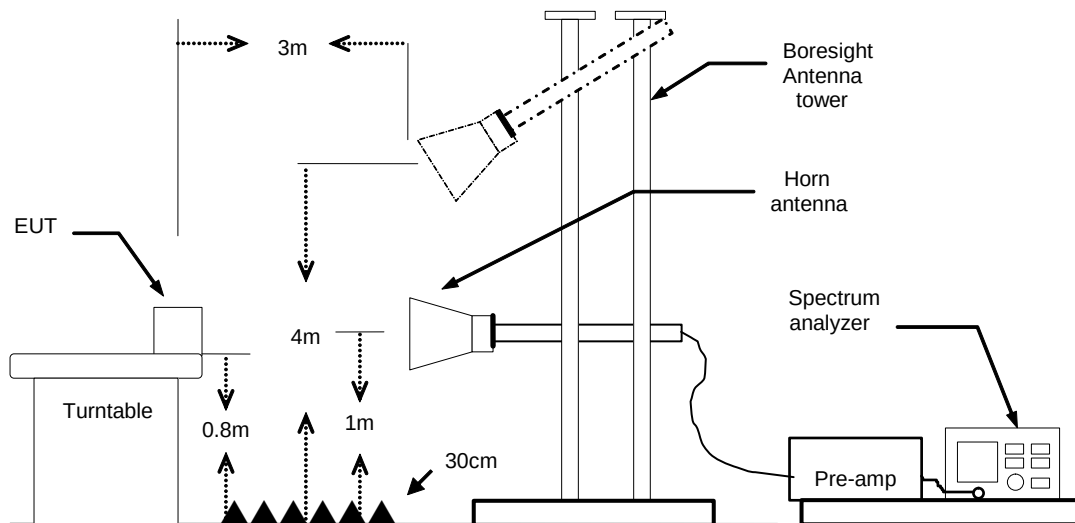


7.4. TEST SETUP

Below 1GHz



Above 1GHz



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

**7.5. DATA SAMPLE:****Below 1GHz**

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
xx.xx	16.49	9.86	26.35	30.00	-3.65	116.00	101.00	QP

Above 1GHz

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
xx.xx	60.80	-14.59	46.21	74.00	-27.79	200	351	peak
xx.xx	52.05	-13.17	38.88	54.00	-15.12	200	135	AVG

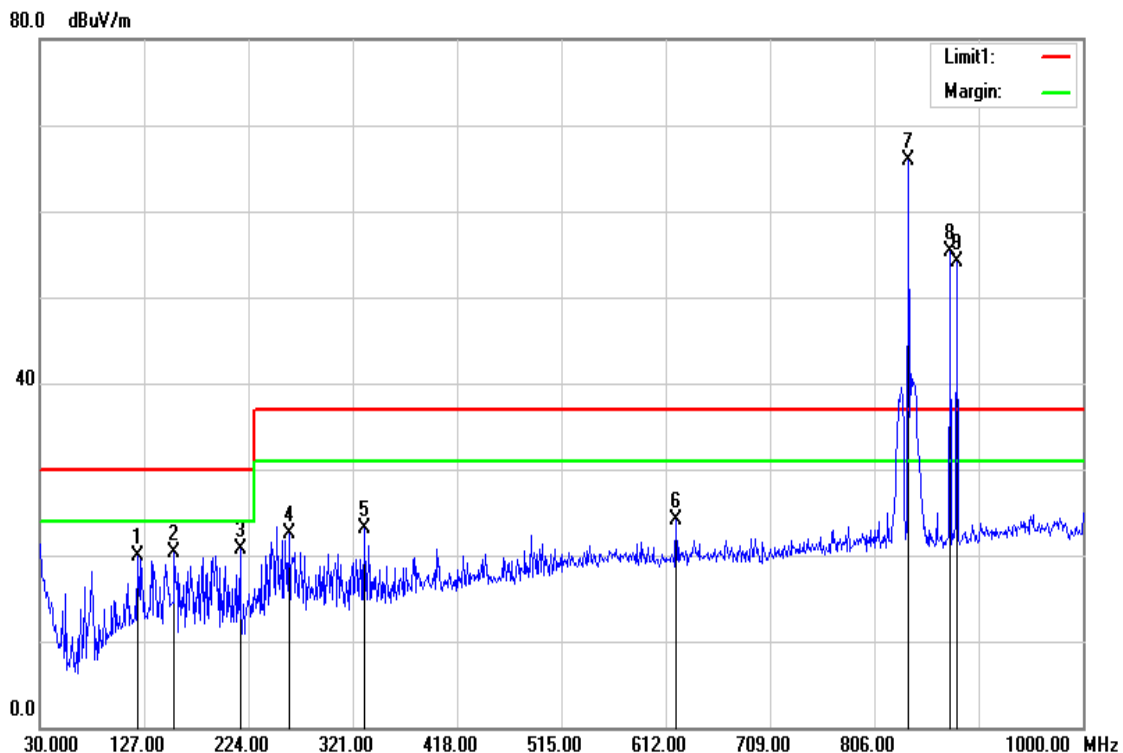
Frequency (MHz) = Emission frequency in MHz
Reading (dBuV) = Uncorrected Analyzer / Receiver reading
Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
Limit (dBuV/m) = Limit stated in standard
Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)
Q.P. = Quasi-Peak



7.6. TEST RESULTS

Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 1
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



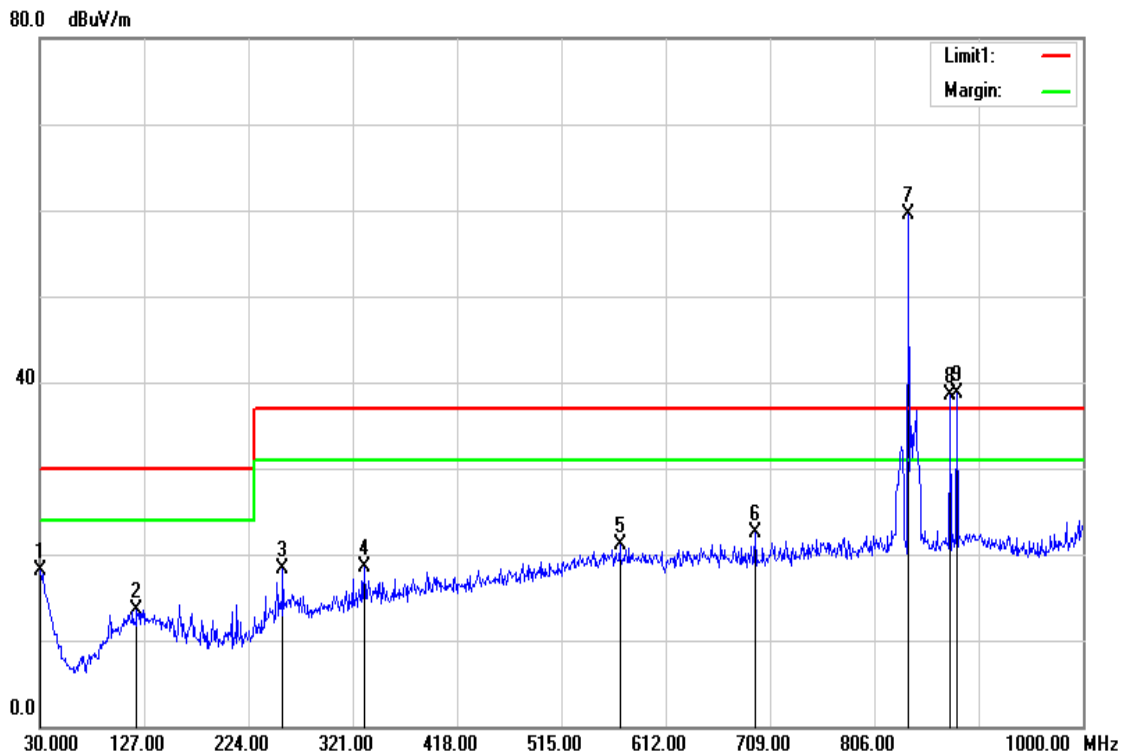
No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	121.1800	31.24	-11.39	19.85	30.00	-10.15	300	0	QP
2	155.1300	33.08	-12.79	20.29	30.00	-9.71	400	323	QP
3	216.2400	33.80	-13.13	20.67	30.00	-9.33	300	61	QP
4	261.8300	31.03	-8.53	22.50	37.00	-14.50	100	212	QP
5	331.6700	31.00	-7.89	23.11	37.00	-13.89	300	244	QP
6	621.7000	27.09	-3.02	24.07	37.00	-12.93	300	61	QP
7	838.0100	66.44	-0.57	65.87	37.00	28.87	200	360	TX
8	876.8100	55.42	-0.21	55.21	37.00	18.21	200	55	BS
9	882.6300	54.21	-0.14	54.07	37.00	17.07	200	74	RX

REMARKS: 1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. TX: the transmitting signal of Universal Radio Communication Tester.
RX: the receiving signal of Universal Radio Communication Tester.
BS: Analog base station signal.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 1
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



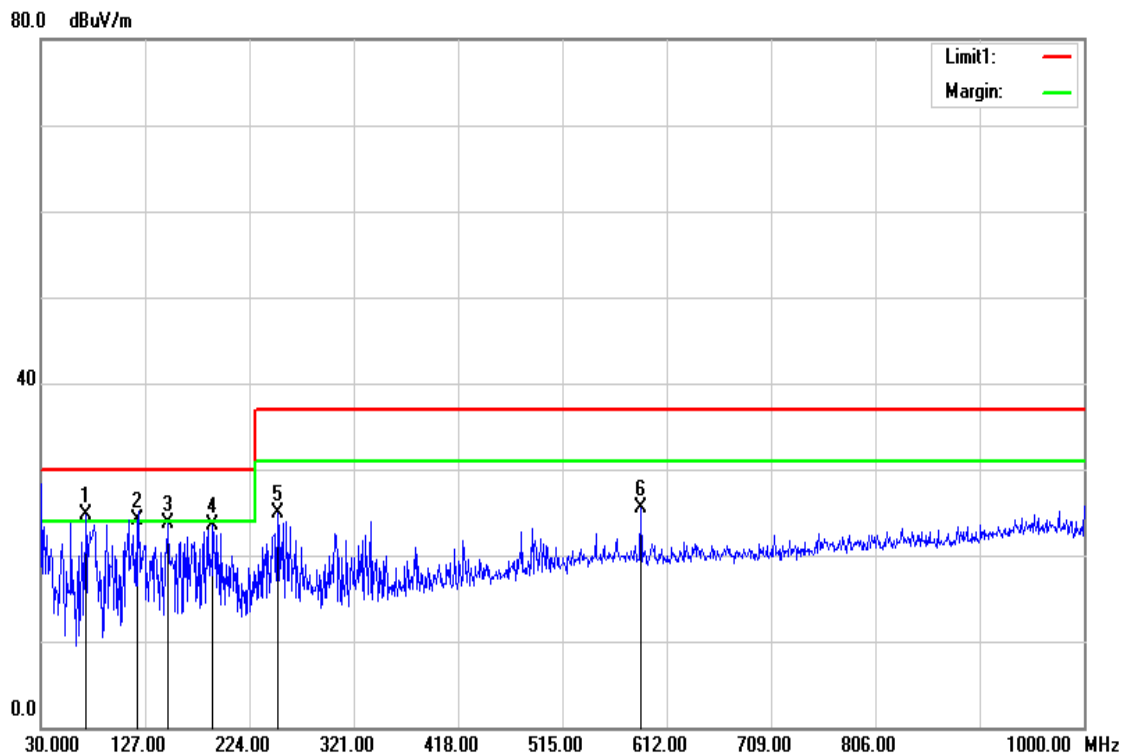
No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	30.9700	25.65	-7.55	18.10	30.00	-11.90	300	48	QP
2	120.2100	25.49	-11.99	13.50	30.00	-16.50	300	33	QP
3	256.0100	28.08	-9.76	18.32	37.00	-18.68	400	304	QP
4	331.6700	27.30	-8.82	18.48	37.00	-18.52	200	358	QP
5	569.3200	25.36	-4.33	21.03	37.00	-15.97	300	151	QP
6	695.4200	26.37	-3.86	22.51	37.00	-14.49	100	175	QP
7	837.0400	61.37	-1.84	59.53	37.00	22.53	100	0	TX
8	876.8100	39.70	-1.27	38.43	37.00	1.43	300	303	BS
9	882.6300	39.89	-1.19	38.70	37.00	1.70	100	60	RX

REMARKS: 1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. TX: the transmitting signal of Universal Radio Communication Tester.,
RX: the receiving signal of Universal Radio Communication Tester.
BS: Analog base station signal.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 2
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	71.7100	42.21	-17.42	24.79	30.00	-5.21	200	0	QP
2	119.2400	35.58	-11.41	24.17	30.00	-5.83	100	359	QP
3	148.3400	36.02	-12.39	23.63	30.00	-6.37	300	101	QP
4	190.0500	36.87	-13.32	23.55	30.00	-6.45	200	219	QP
5	250.1900	34.58	-9.64	24.94	37.00	-12.06	100	199	QP
6	587.7500	28.85	-3.31	25.54	37.00	-11.46	200	52	QP

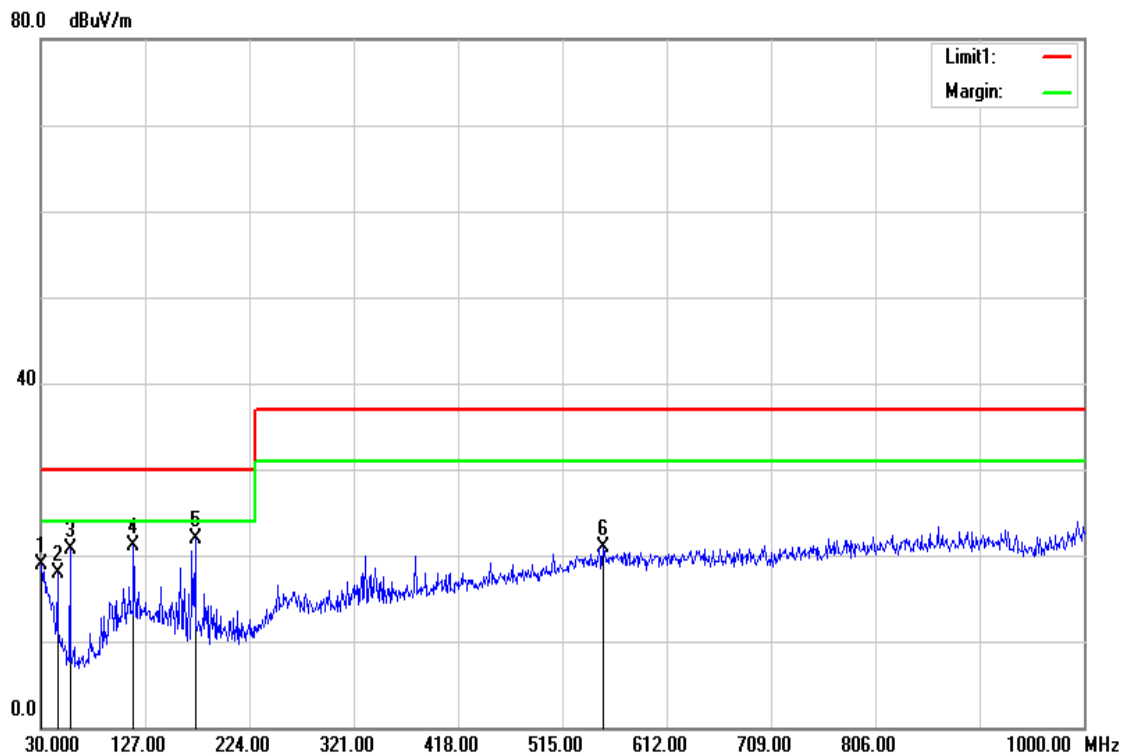
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 2
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



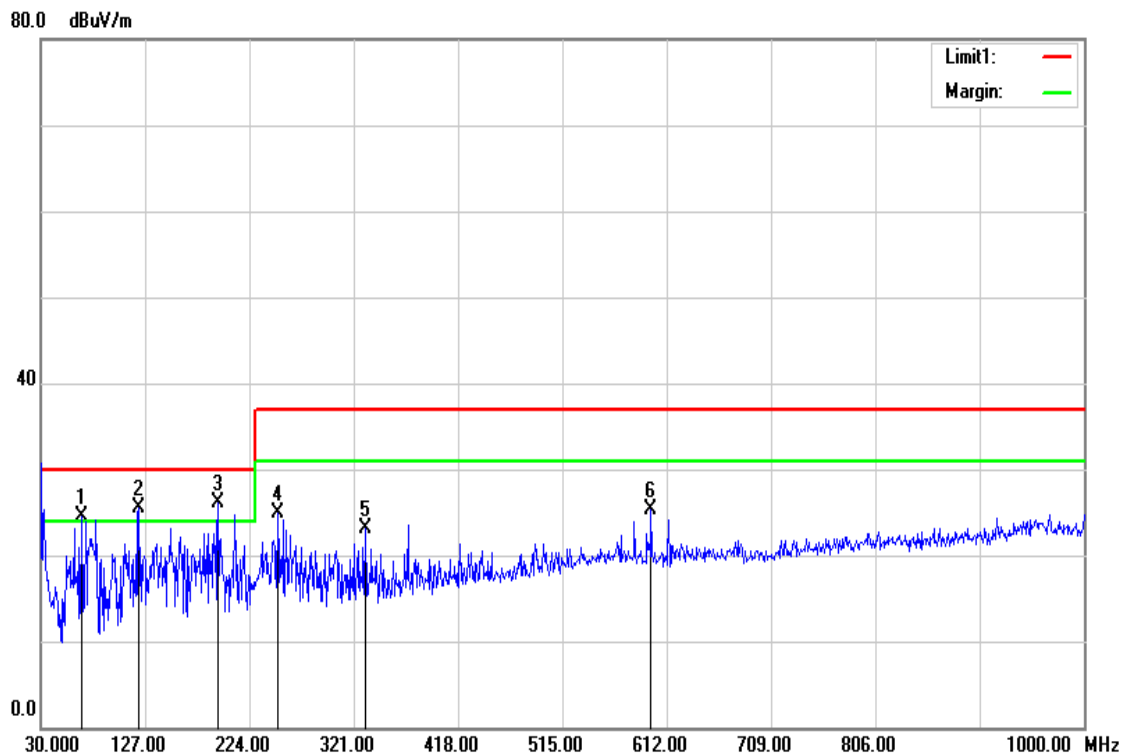
No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	30.9700	26.41	-7.55	18.86	30.00	-11.14	400	224	QP
2	45.5200	32.92	-14.99	17.93	30.00	-12.07	399	0	QP
3	57.1600	38.73	-18.07	20.66	30.00	-9.34	200	360	QP
4	116.3300	33.35	-12.23	21.12	30.00	-8.88	300	194	QP
5	173.5600	36.18	-14.21	21.97	30.00	-8.03	290	360	QP
6	552.8300	25.18	-4.30	20.88	37.00	-16.12	100	0	QP

REMARKS: 1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 3
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	67.8300	42.13	-17.69	24.44	30.00	-5.56	200	301	QP
2	121.1800	36.80	-11.39	25.41	30.00	-4.59	100	358	QP
3	194.9000	39.29	-13.26	26.03	30.00	-3.97	100	98	QP
4	250.1900	34.49	-9.64	24.85	37.00	-12.15	300	201	QP
5	331.6700	30.95	-7.89	23.06	37.00	-13.94	300	229	QP
6	597.4500	28.61	-3.33	25.28	37.00	-11.72	100	136	QP

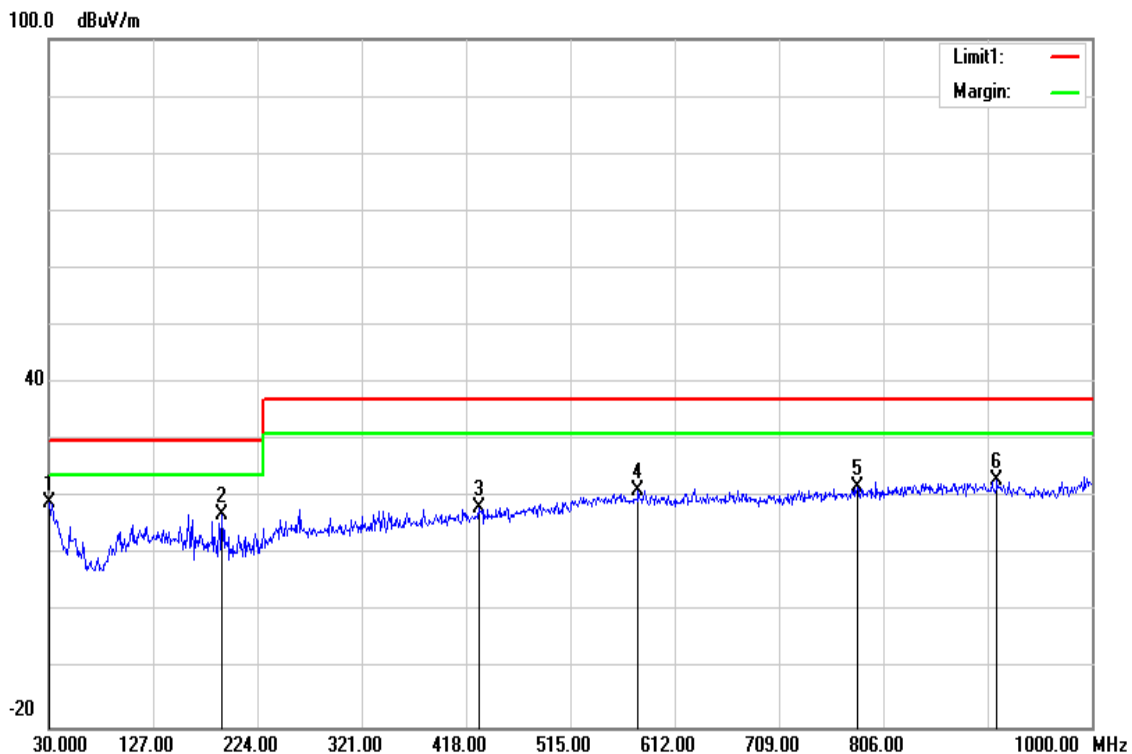
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 3
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	30.9700	26.84	-7.55	19.29	30.00	-10.71	100	22	QP
2	191.0200	31.21	-14.16	17.05	30.00	-12.95	400	148	QP
3	429.6400	25.11	-6.99	18.12	37.00	-18.88	300	295	QP
4	578.0500	25.59	-4.35	21.24	37.00	-15.76	218	0	QP
5	781.7500	24.36	-2.56	21.80	37.00	-15.20	399	360	QP
6	911.7300	24.13	-1.17	22.96	37.00	-14.04	200	0	QP

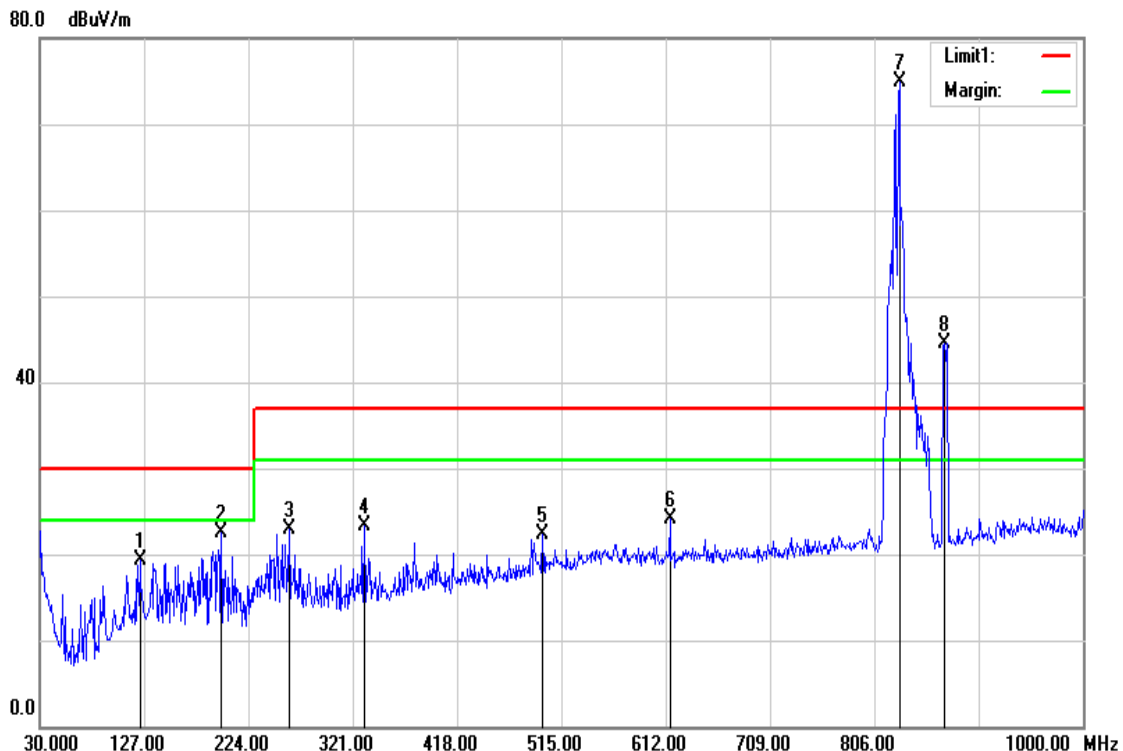
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 4
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	123.1200	30.70	-11.44	19.26	30.00	-10.74	200	276	QP
2	198.7800	35.72	-13.19	22.53	30.00	-7.47	200	350	QP
3	261.8300	31.47	-8.53	22.94	37.00	-14.06	100	224	QP
4	331.6700	31.13	-7.89	23.24	37.00	-13.76	100	239	QP
5	497.5400	27.07	-4.85	22.22	37.00	-14.78	200	360	QP
6	615.8800	27.22	-3.11	24.11	37.00	-12.89	100	111	QP
7	829.2800	75.54	-0.63	74.91	37.00	37.91	200	117	UL
8	870.9900	44.85	-0.27	44.58	37.00	7.58	200	65	DL

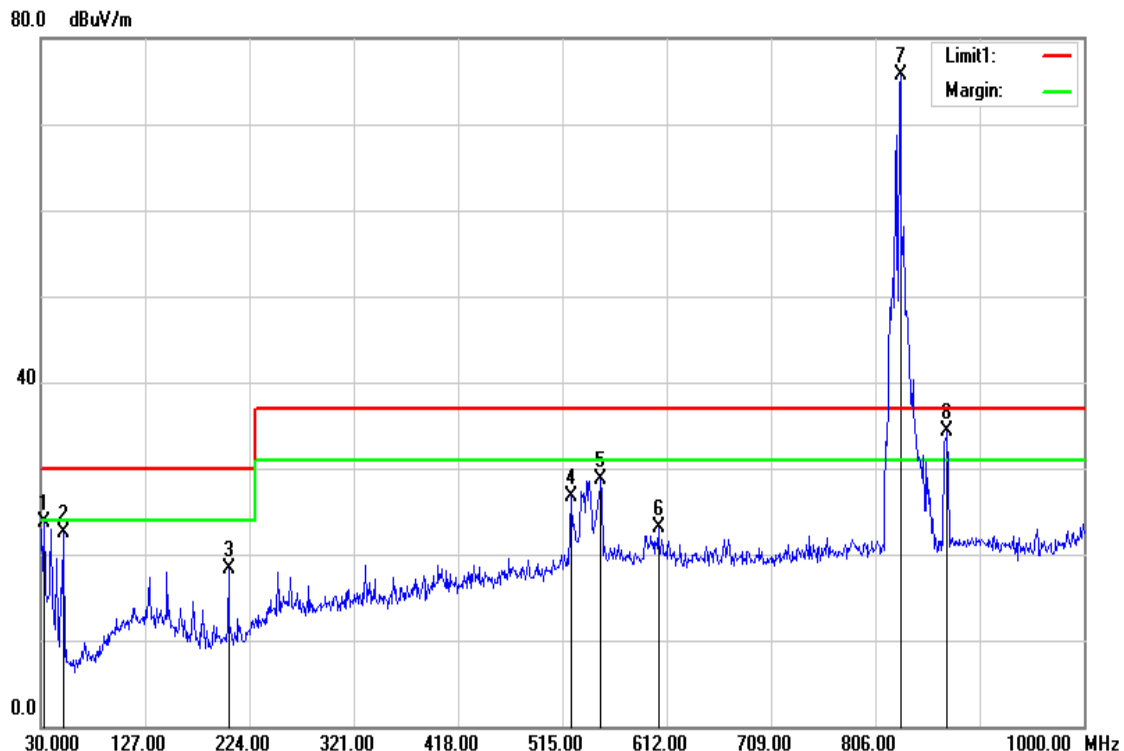
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. UL: the transmitting signal of Universal Radio Communication Tester
DL: the receiving signal of Universal Radio Communication Tester.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 4
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	32.9100	32.25	-8.64	23.61	30.00	-6.39	300	360	QP
2	51.3400	39.66	-17.17	22.49	30.00	-7.51	400	0	QP
3	204.6000	32.36	-14.00	18.36	30.00	-11.64	300	180	QP
4	522.7600	31.91	-5.11	26.80	37.00	-10.20	299	360	QP
5	550.8900	32.98	-4.30	28.68	37.00	-8.32	300	144	QP
6	604.2400	27.48	-4.34	23.14	37.00	-13.86	300	0	QP
7	829.2800	77.55	-1.94	75.61	37.00	38.61	100	174	UL
8	872.9300	35.54	-1.33	34.21	37.00	-2.79	100	317	DL

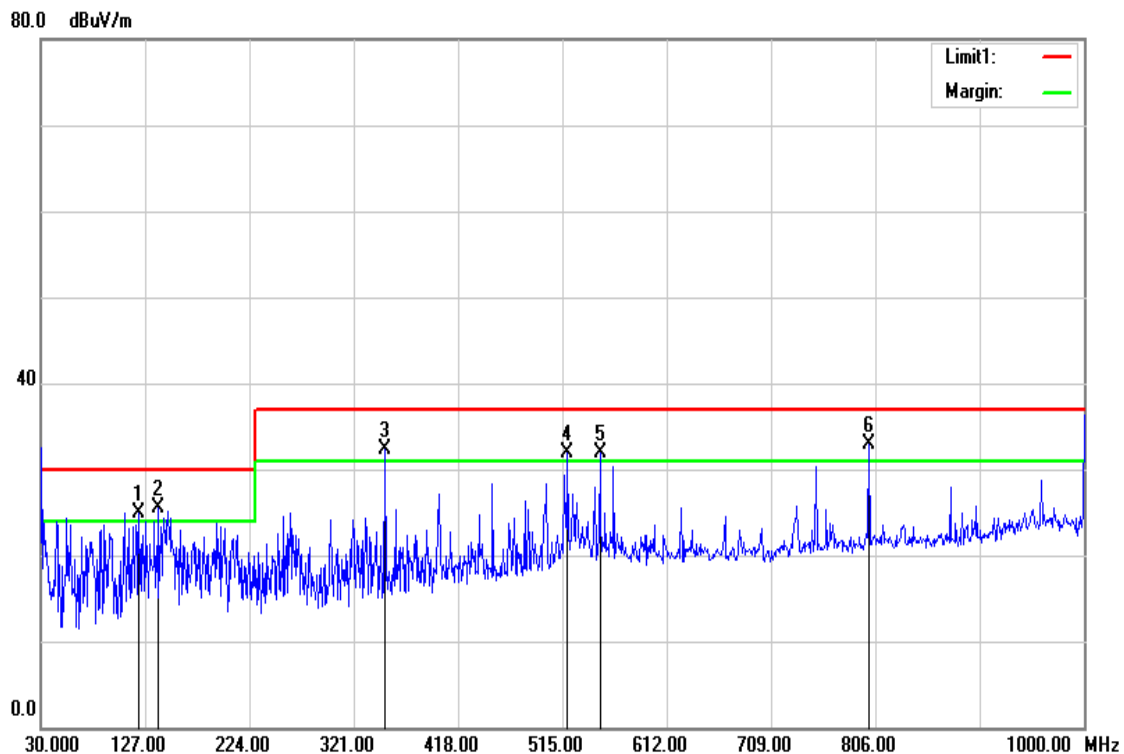
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. UL: the transmitting signal of Universal Radio Communication Tester
DL: the receiving signal of Universal Radio Communication Tester.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 5
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	121.1800	36.24	-11.39	24.85	30.00	-5.15	100	1	QP
2	139.6100	37.34	-11.89	25.45	30.00	-4.55	200	233	QP
3	350.1000	39.76	-7.50	32.26	37.00	-4.74	100	269	QP
4	519.8500	36.07	-4.19	31.88	37.00	-5.12	100	360	QP
5	549.9200	35.07	-3.26	31.81	37.00	-5.19	123	360	QP
6	800.1800	33.78	-0.85	32.93	37.00	-4.07	100	281	QP

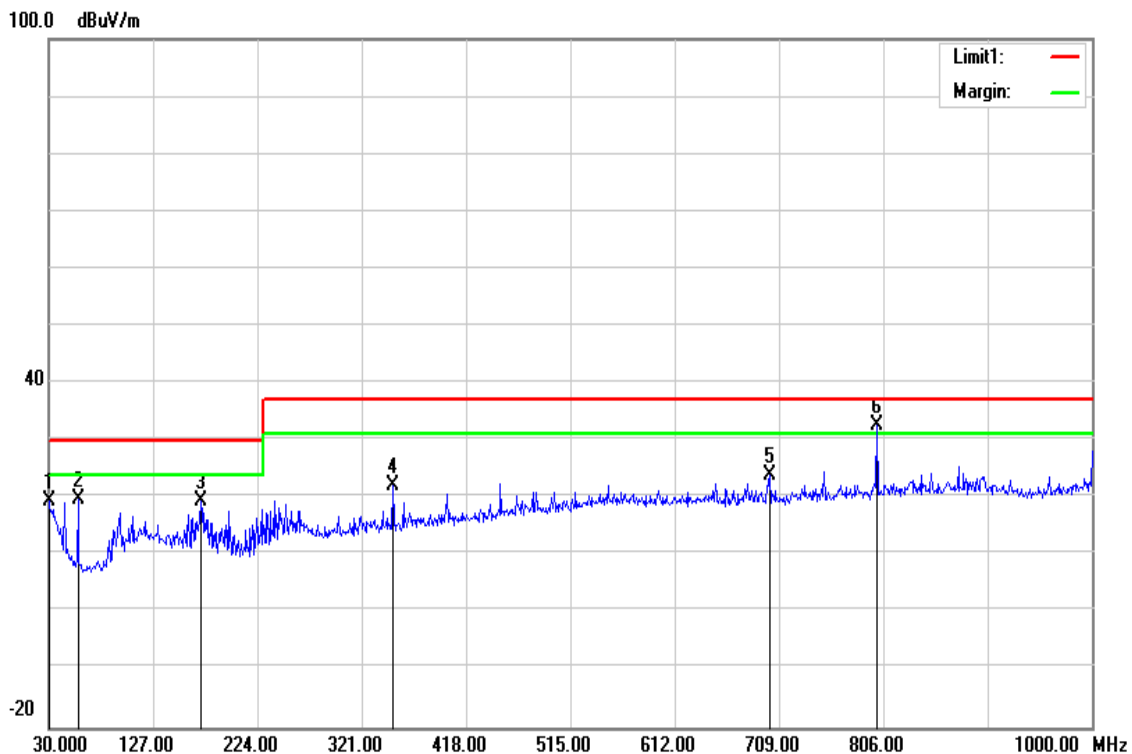
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 5
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	30.0000	26.34	-7.00	19.34	30.00	-10.66	178	360	QP
2	57.1600	37.83	-18.07	19.76	30.00	-10.24	300	359	QP
3	171.6200	33.75	-14.17	19.58	30.00	-10.42	393	360	QP
4	350.1000	30.56	-8.45	22.11	37.00	-14.89	400	52	QP
5	700.2700	27.93	-3.87	24.06	37.00	-12.94	300	360	QP
6	800.1800	34.93	-2.34	32.59	37.00	-4.41	254	0	QP

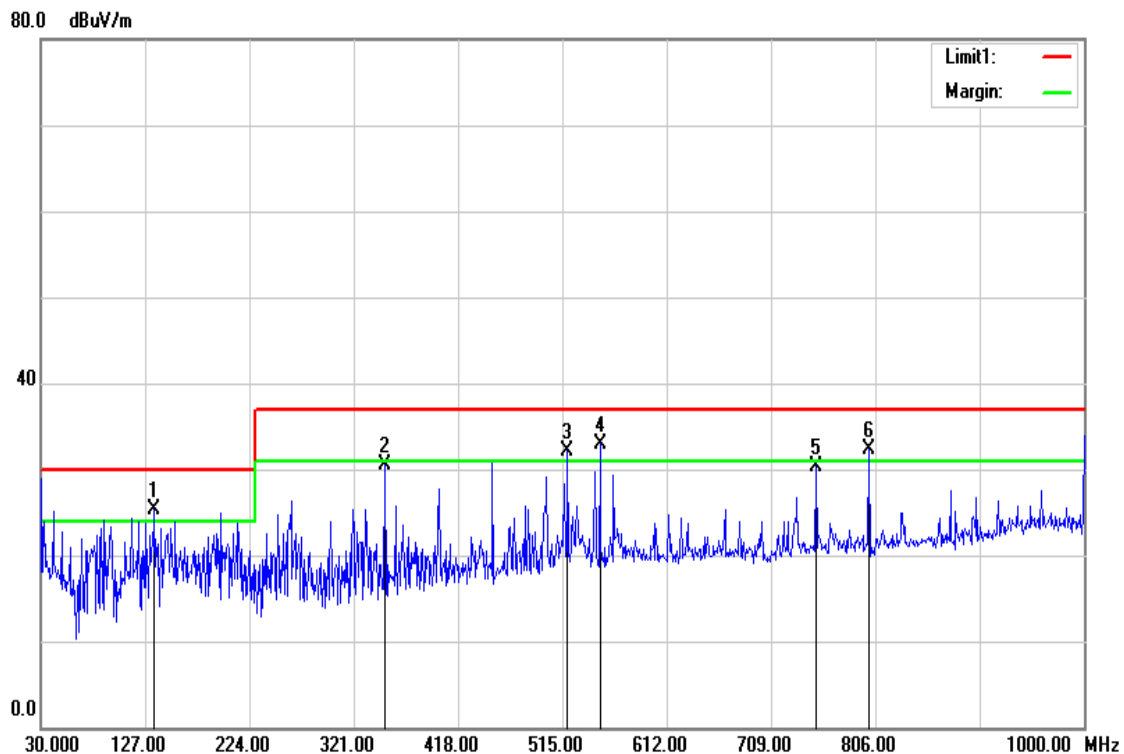
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 6
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	135.7300	37.03	-11.80	25.23	30.00	-4.77	300	83	QP
2	350.1000	38.02	-7.50	30.52	37.00	-6.48	100	267	QP
3	519.8500	36.31	-4.19	32.12	37.00	-4.88	100	360	QP
4	549.9200	36.09	-3.26	32.83	37.00	-4.17	100	0	QP
5	750.7100	31.92	-1.69	30.23	37.00	-6.77	400	354	QP
6	800.1800	33.17	-0.85	32.32	37.00	-4.68	100	273	QP

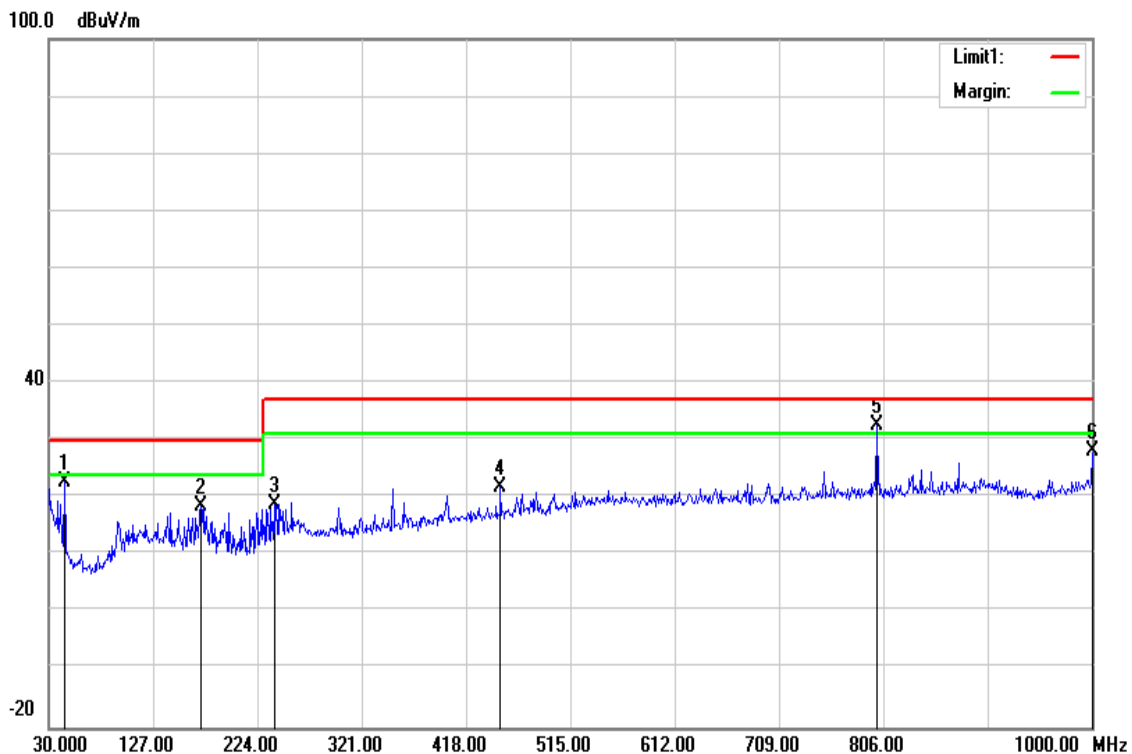
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 6
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	44.5500	37.30	-14.53	22.77	30.00	-7.23	254	0	QP
2	171.6200	32.69	-14.17	18.52	30.00	-11.48	400	360	QP
3	239.5200	30.69	-11.76	18.93	37.00	-18.07	399	360	QP
4	450.0100	28.52	-6.68	21.84	37.00	-15.16	182	360	QP
5	800.1800	35.02	-2.34	32.68	37.00	-4.32	299	0	QP
6	1000.0000	27.84	0.25	28.09	37.00	-8.91	199	360	QP

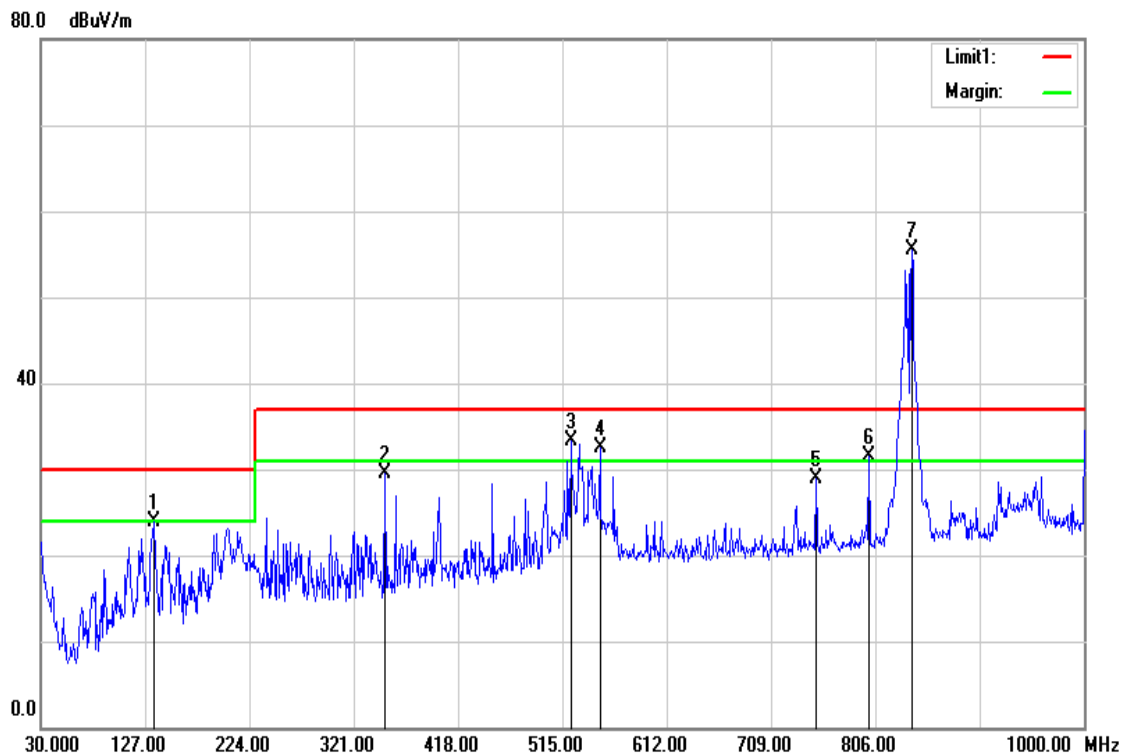
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 7
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	135.7300	35.75	-11.80	23.95	30.00	-6.05	299	83	QP
2	350.1000	36.97	-7.50	29.47	37.00	-7.53	100	263	QP
3	522.7600	37.36	-4.10	33.26	37.00	-3.74	100	360	QP
4	549.9200	35.78	-3.26	32.52	37.00	-4.48	100	360	QP
5	750.7100	30.65	-1.69	28.96	37.00	-8.04	100	31	QP
6	800.1800	32.28	-0.85	31.43	37.00	-5.57	100	294	QP
7	839.9500	56.05	-0.55	55.50	37.00	18.50	200	279	UL

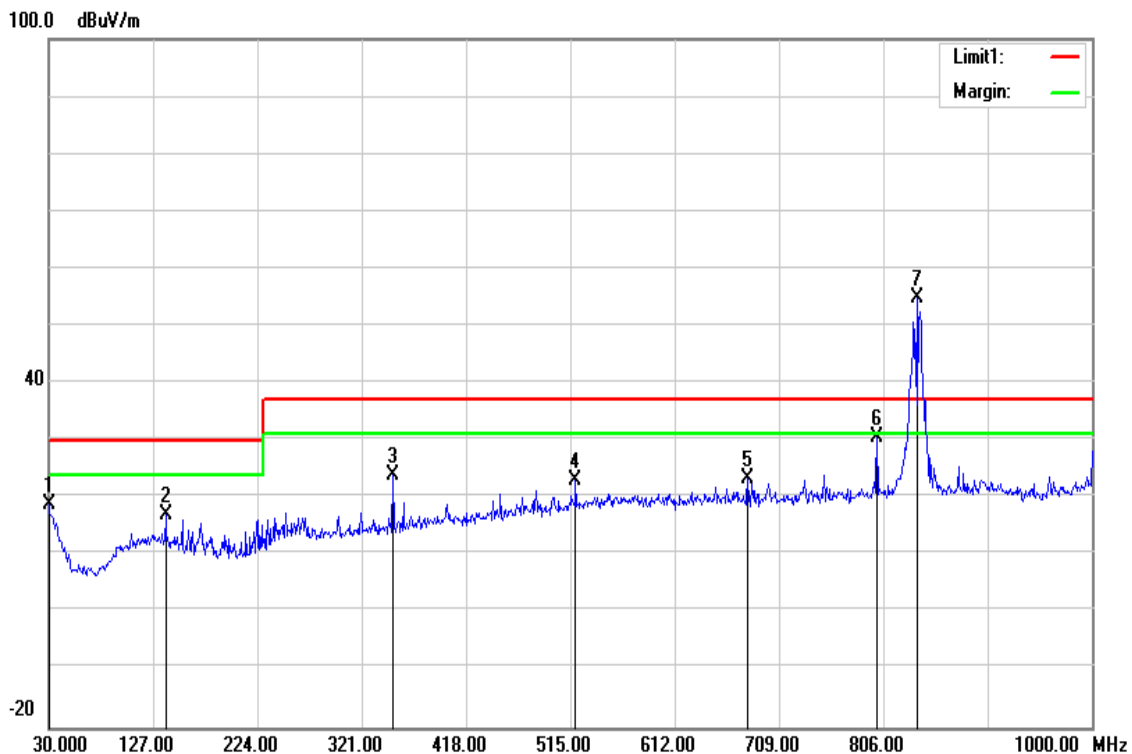
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. UL: the transmitting signal of Universal Radio Communication Tester



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 7
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	30.0000	25.87	-7.00	18.87	30.00	-11.13	400	171	QP
2	138.6400	29.56	-12.52	17.04	30.00	-12.96	300	235	QP
3	350.1000	32.43	-8.45	23.98	37.00	-13.02	300	133	QP
4	519.8500	28.16	-5.20	22.96	37.00	-14.04	300	260	QP
5	679.9000	27.16	-3.84	23.32	37.00	-13.68	300	276	QP
6	800.1800	32.97	-2.34	30.63	37.00	-6.37	287	0	QP
7	837.0400	56.56	-1.84	54.72	37.00	17.72	100	174	UL

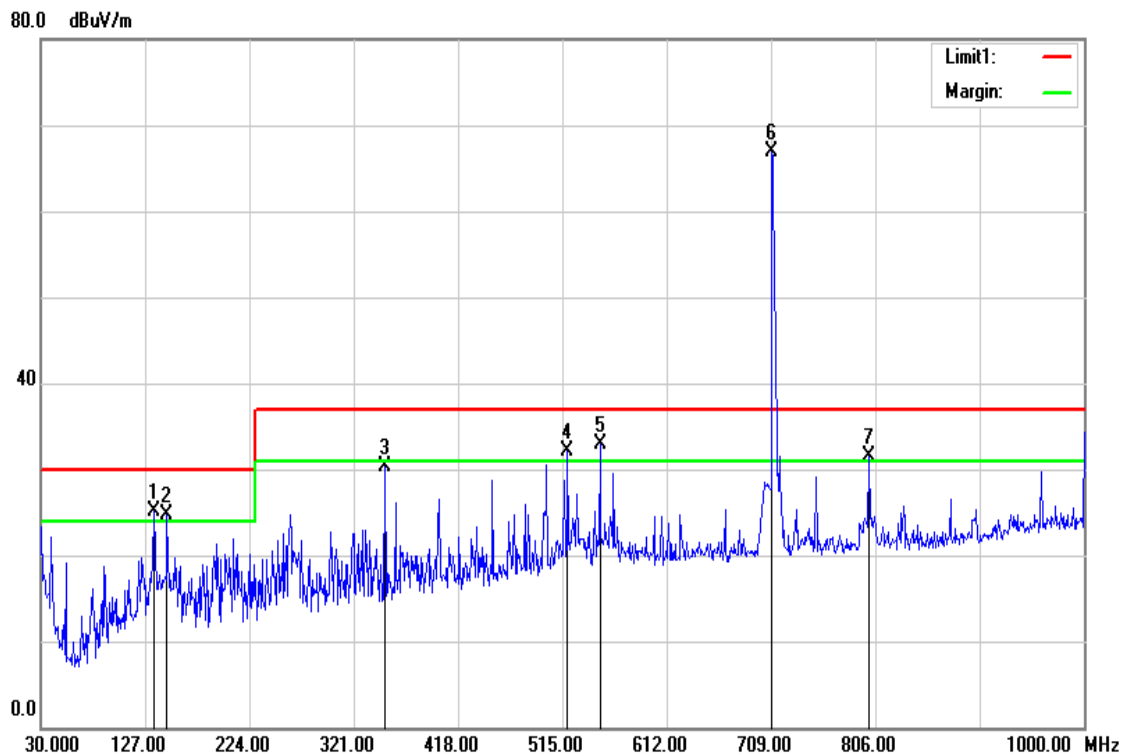
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. UL: the transmitting signal of Universal Radio Communication Tester



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 8
Environmental Conditions	26°C, 60% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	135.7300	36.98	-11.80	25.18	30.00	-4.82	100	34	QP
2	147.3700	37.03	-12.34	24.69	30.00	-5.31	100	325	QP
3	350.1000	37.77	-7.50	30.27	37.00	-6.73	100	263	QP
4	519.8500	36.22	-4.19	32.03	37.00	-4.97	100	357	QP
5	549.9200	36.09	-3.26	32.83	37.00	-4.17	100	0	QP
6	709.9700	69.22	-2.41	66.81	37.00	29.81	300	199	UL
7	800.1800	32.36	-0.85	31.51	37.00	-5.49	100	288	QP

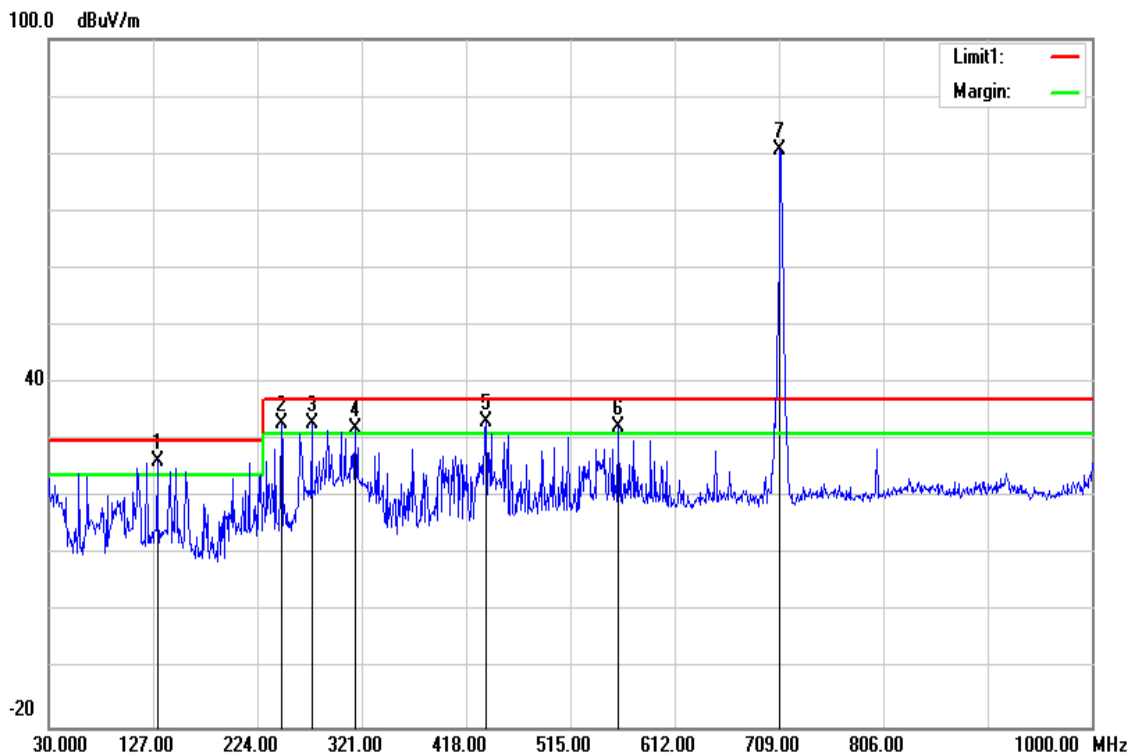
REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard
3. UL: the transmitting signal of Universal Radio Communication Tester



Below 1000MHz

Model No.	LE910-NAG	Test Mode	Mode 8
Environmental Conditions	26°C, 60% RH	Test Date	2014/510
Antenna Pole	Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	Jimmy Chou
Standard	FCC CLASS B W/ CISPR 22 CLASS B LIMIT		



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	130.8800	38.68	-12.30	26.38	30.00	-3.62	200	254	QP
2	246.3100	43.96	-10.91	33.05	37.00	-3.95	200	80	QP
3	274.4400	42.77	-9.79	32.98	37.00	-4.02	100	255	QP
4	315.1800	41.34	-9.16	32.18	37.00	-4.82	200	342	QP
5	436.4300	40.24	-6.89	33.35	37.00	-3.65	100	273	QP
6	559.6200	36.56	-4.32	32.24	37.00	-4.76	300	348	QP
7	709.9700	84.32	-3.69	80.63	37.00	43.63	297	0	UL

REMARKS:

1. The other emission levels were very low against the limit.
2. 30MHz to 1000MHz test is Applicable CISPR 22 standard.
3. UL: the transmitting signal of Universal Radio Communication Tester

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 1
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12303.563	31.84	10.99	42.83	54.00	-11.17	100	53	AVG
2	12305.000	45.08	11.01	56.09	74.00	-17.91	100	53	peak
3	12900.000	42.95	12.10	55.05	74.00	-18.95	100	298	peak
4	12901.362	30.14	12.10	42.24	54.00	-11.76	100	298	AVG
5	14682.763	31.08	12.57	43.65	54.00	-10.35	100	329	AVG
6	14685.000	43.48	12.57	56.05	74.00	-17.95	100	329	peak
7	15662.500	43.87	13.29	57.16	74.00	-16.84	100	236	peak
8	15663.500	31.82	13.29	45.11	54.00	-8.89	100	236	AVG
9	16425.000	30.95	14.57	45.52	54.00	-8.48	100	267	AVG
10	16427.500	43.26	14.58	57.84	74.00	-16.16	100	267	peak
11	17233.425	30.55	15.83	46.38	54.00	-7.62	100	236	AVG
12	17235.000	42.87	15.83	58.70	74.00	-15.30	100	236	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)



Model No.	LE910-NAG	Test Mode	Mode 1
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12388.725	31.37	11.22	42.59	54.00	-11.41	100	157	AVG
2	12390.000	43.93	11.22	55.15	74.00	-18.85	100	157	peak
3	12942.500	44.44	12.16	56.60	74.00	-17.40	100	309	peak
4	12944.663	30.65	12.17	42.82	54.00	-11.18	100	308	AVG
5	14769.525	31.03	12.64	43.67	54.00	-10.33	100	54	AVG
6	14770.000	43.43	12.64	56.07	74.00	-17.93	100	54	peak
7	15535.000	45.02	13.26	58.28	74.00	-15.72	100	157	peak
8	15536.638	31.65	13.25	44.90	54.00	-9.10	100	157	AVG
9	16212.500	31.63	13.96	45.59	54.00	-8.41	100	95	AVG
10	16215.000	43.44	13.97	57.41	74.00	-16.59	100	95	peak
11	17235.000	42.76	15.83	58.59	74.00	-15.41	100	218	peak
12	17235.475	30.58	15.83	46.41	54.00	-7.59	100	218	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 2
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	10815.000	33.16	7.93	41.09	54.00	-12.91	100	175	AVG
2	10817.500	46.09	7.94	54.03	74.00	-19.97	100	175	peak
3	11965.000	44.53	10.18	54.71	74.00	-19.29	100	359	peak
4	11967.163	31.15	10.18	41.33	54.00	-12.67	100	310	AVG
5	12516.938	31.41	11.52	42.93	54.00	-11.07	100	133	AVG
6	12517.500	44.68	11.52	56.20	74.00	-17.80	100	133	peak
7	13410.000	45.07	11.36	56.43	74.00	-17.57	100	103	peak
8	13410.237	31.34	11.36	42.70	54.00	-11.30	100	103	AVG
9	15787.688	31.45	13.32	44.77	54.00	-9.23	100	154	AVG
10	15790.000	44.33	13.32	57.65	74.00	-16.35	100	154	peak
11	17530.362	29.87	16.27	46.14	54.00	-7.86	100	226	AVG
12	17532.500	43.18	16.27	59.45	74.00	-14.55	100	226	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$



Model No.	LE910-NAG	Test Mode	Mode 2
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	11837.500	44.60	9.95	54.55	74.00	-19.45	100	359	peak
2	11838.100	32.04	9.96	42.00	54.00	-12.00	100	289	AVG
3	12770.000	31.52	11.90	43.42	54.00	-10.58	100	268	AVG
4	12772.500	44.08	11.91	55.99	74.00	-18.01	100	289	peak
5	13580.000	44.62	11.16	55.78	74.00	-18.22	100	74	peak
6	13582.063	30.88	11.16	42.04	54.00	-11.96	100	74	AVG
7	15447.675	31.59	13.20	44.79	54.00	-9.21	100	145	AVG
8	15450.000	43.61	13.20	56.81	74.00	-17.19	100	145	peak
9	16342.500	44.07	14.33	58.40	74.00	-15.60	100	145	peak
10	16343.350	31.03	14.33	45.36	54.00	-8.64	100	145	AVG
11	17657.500	30.27	16.46	46.73	54.00	-7.27	100	186	AVG
12	17660.000	41.90	16.47	58.37	74.00	-15.63	100	186	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 3
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12217.938	30.97	10.78	41.75	54.00	-12.25	100	172	AVG
2	12220.000	43.67	10.79	54.46	74.00	-19.54	100	172	peak
3	12473.063	31.11	11.43	42.54	54.00	-11.46	100	172	AVG
4	12475.000	42.95	11.44	54.39	74.00	-19.61	100	172	peak
5	13450.138	31.68	11.29	42.97	54.00	-11.03	100	101	AVG
6	13452.500	43.36	11.28	54.64	74.00	-19.36	100	101	peak
7	15405.025	30.96	13.16	44.12	54.00	-9.88	100	111	AVG
8	15407.500	43.83	13.17	57.00	74.00	-17.00	100	111	peak
9	15960.000	43.62	13.35	56.97	74.00	-17.03	100	151	peak
10	15961.112	30.58	13.35	43.93	54.00	-10.07	100	151	AVG
11	17742.500	30.04	16.60	46.64	54.00	-7.36	100	141	AVG
12	17745.000	42.96	16.61	59.57	74.00	-14.43	100	141	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$



Model No.	LE910-NAG	Test Mode	Mode 3
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	11710.000	44.78	9.74	54.52	74.00	-19.48	100	13	peak
2	11711.763	31.58	9.73	41.31	54.00	-12.69	100	13	AVG
3	12387.500	31.82	11.22	43.04	54.00	-10.96	100	155	AVG
4	12390.000	44.24	11.22	55.46	74.00	-18.54	100	155	peak
5	13196.025	30.52	11.83	42.35	54.00	-11.65	100	84	AVG
6	13197.500	44.08	11.83	55.91	74.00	-18.09	100	84	peak
7	15787.500	31.82	13.31	45.13	54.00	-8.87	100	125	AVG
8	15790.000	44.43	13.32	57.75	74.00	-16.25	100	125	peak
9	16130.000	44.59	13.73	58.32	74.00	-15.68	100	135	peak
10	16130.013	31.96	13.73	45.69	54.00	-8.31	100	135	AVG
11	17701.237	30.49	16.53	47.02	54.00	-6.98	100	33	AVG
12	17702.500	42.93	16.53	59.46	74.00	-14.54	100	33	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 4
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12899.087	30.94	12.10	43.04	54.00	-10.96	100	83	AVG
2	12900.000	42.81	12.10	54.91	74.00	-19.09	100	83	peak
3	14767.500	30.28	12.63	42.91	54.00	-11.09	100	359	AVG
4	14770.000	43.13	12.64	55.77	74.00	-18.23	100	359	peak
5	15406.188	31.54	13.16	44.70	54.00	-9.30	100	21	AVG
6	15407.500	43.45	13.17	56.62	74.00	-17.38	100	21	peak
7	16170.875	31.01	13.85	44.86	54.00	-9.14	100	63	AVG
8	16172.500	43.28	13.85	57.13	74.00	-16.87	100	63	peak
9	17022.500	43.06	15.53	58.59	74.00	-15.41	100	310	peak
10	17023.350	30.33	15.54	45.87	54.00	-8.13	100	310	AVG
11	17660.000	41.68	16.47	58.15	74.00	-15.85	100	104	peak
12	17661.838	30.34	16.47	46.81	54.00	-7.19	100	104	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$



Model No.	LE910-NAG	Test Mode	Mode 4
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12560.000	44.55	11.59	56.14	74.00	-17.86	100	54	peak
2	12562.300	31.69	11.59	43.28	54.00	-10.72	100	54	AVG
3	12983.250	30.60	12.23	42.83	54.00	-11.17	100	94	AVG
4	12985.000	44.29	12.23	56.52	74.00	-17.48	100	94	peak
5	15575.000	31.83	13.27	45.10	54.00	-8.90	100	114	AVG
6	15577.500	44.33	13.26	57.59	74.00	-16.41	100	114	peak
7	16086.212	31.95	13.61	45.56	54.00	-8.44	100	359	AVG
8	16087.500	43.49	13.61	57.10	74.00	-16.90	100	359	peak
9	16935.813	30.57	15.41	45.98	54.00	-8.02	100	359	AVG
10	16937.500	43.48	15.42	58.90	74.00	-15.10	100	359	peak
11	17745.000	42.73	16.61	59.34	74.00	-14.66	100	238	peak
12	17746.412	30.08	16.61	46.69	54.00	-7.31	100	199	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 5
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	10137.500	44.96	6.23	51.19	74.00	-22.81	100	72	peak
2	10138.150	30.99	6.23	37.22	54.00	-16.78	100	72	AVG
3	12770.000	31.46	11.90	43.36	54.00	-10.64	100	299	AVG
4	12772.500	42.90	11.91	54.81	74.00	-19.19	100	299	peak
5	14725.000	30.94	12.60	43.54	54.00	-10.46	100	185	AVG
6	14727.500	43.05	12.60	55.65	74.00	-18.35	100	185	peak
7	15660.000	30.81	13.28	44.09	54.00	-9.91	100	165	AVG
8	15662.500	43.70	13.29	56.99	74.00	-17.01	100	165	peak
9	16637.500	30.67	14.98	45.65	54.00	-8.35	100	185	AVG
10	16640.000	42.98	14.98	57.96	74.00	-16.04	100	185	peak
11	17827.500	29.91	16.74	46.65	54.00	-7.35	100	286	AVG
12	17830.000	42.44	16.74	59.18	74.00	-14.82	100	288	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$



Model No.	LE910-NAG	Test Mode	Mode 5
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12177.500	45.14	10.68	55.82	74.00	-18.18	100	53	peak
2	12178.837	31.84	10.68	42.52	54.00	-11.48	100	53	AVG
3	12814.188	32.04	11.97	44.01	54.00	-9.99	100	53	AVG
4	12815.000	44.16	11.97	56.13	74.00	-17.87	100	53	peak
5	15407.500	44.57	13.17	57.74	74.00	-16.26	100	319	peak
6	15408.350	32.24	13.17	45.41	54.00	-8.59	100	319	AVG
7	15873.388	31.49	13.33	44.82	54.00	-9.18	100	2	AVG
8	15875.000	44.35	13.33	57.68	74.00	-16.32	100	2	peak
9	17150.000	42.98	15.72	58.70	74.00	-15.30	100	359	peak
10	17150.412	30.93	15.72	46.65	54.00	-7.35	100	359	AVG
11	17660.000	42.62	16.47	59.09	74.00	-14.91	100	12	peak
12	17660.075	30.47	16.47	46.94	54.00	-7.06	100	12	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 6
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	9667.875	34.48	5.19	39.67	54.00	-14.33	100	32	AVG
2	9670.000	45.54	5.19	50.73	74.00	-23.27	100	32	peak
3	11327.500	44.37	9.09	53.46	74.00	-20.54	100	53	peak
4	11329.638	32.41	9.09	41.50	54.00	-12.50	100	53	AVG
5	12728.337	31.37	11.84	43.21	54.00	-10.79	100	0	AVG
6	12730.000	44.51	11.85	56.36	74.00	-17.64	100	0	peak
7	14855.000	42.95	12.69	55.64	74.00	-18.36	100	258	peak
8	14856.688	31.03	12.69	43.72	54.00	-10.28	100	258	AVG
9	16341.487	30.79	14.32	45.11	54.00	-8.89	100	268	AVG
10	16342.500	43.56	14.33	57.89	74.00	-16.11	100	268	peak
11	17871.213	30.28	16.79	47.07	54.00	-6.93	100	299	AVG
12	17872.500	42.07	16.79	58.86	74.00	-15.14	100	299	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)



Model No.	LE910-NAG	Test Mode	Mode 6
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	11412.500	44.58	9.23	53.81	74.00	-20.19	100	359	peak
2	11414.188	32.63	9.23	41.86	54.00	-12.14	100	359	AVG
3	12855.925	31.28	12.03	43.31	54.00	-10.69	100	258	AVG
4	12857.500	44.14	12.04	56.18	74.00	-17.82	100	258	peak
5	15662.275	32.21	13.28	45.49	54.00	-8.51	100	0	AVG
6	15662.500	44.58	13.29	57.87	74.00	-16.13	100	0	peak
7	16172.500	43.81	13.85	57.66	74.00	-16.34	100	187	peak
8	16173.700	31.74	13.85	45.59	54.00	-8.41	100	187	AVG
9	17149.175	30.96	15.71	46.67	54.00	-7.33	100	3	AVG
10	17150.000	44.09	15.72	59.81	74.00	-14.19	100	3	peak
11	17745.000	42.69	16.61	59.30	74.00	-14.70	100	105	peak
12	17746.250	30.18	16.61	46.79	54.00	-7.21	100	105	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 7
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	11410.663	30.70	9.23	39.93	54.00	-14.07	100	289	AVG
2	11412.500	43.73	9.23	52.96	74.00	-21.04	100	289	peak
3	12345.000	30.11	11.12	41.23	54.00	-12.77	100	185	AVG
4	12347.500	43.94	11.12	55.06	74.00	-18.94	100	185	peak
5	12897.600	29.49	12.10	41.59	54.00	-12.41	100	205	AVG
6	12900.000	42.89	12.10	54.99	74.00	-19.01	100	205	peak
7	15660.375	31.21	13.28	44.49	54.00	-9.51	100	81	AVG
8	15662.500	43.69	13.29	56.98	74.00	-17.02	100	81	peak
9	16511.537	29.39	14.79	44.18	54.00	-9.82	100	258	AVG
10	16512.500	42.71	14.79	57.50	74.00	-16.50	100	258	peak
11	17275.325	29.83	15.89	45.72	54.00	-8.28	100	81	AVG
12	17277.500	42.55	15.90	58.45	74.00	-15.55	100	81	peak

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$



Model No.	LE910-NAG	Test Mode	Mode 7
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12090.163	31.09	10.46	41.55	54.00	-12.45	100	359	AVG
2	12092.500	43.65	10.46	54.11	74.00	-19.89	100	359	peak
3	12942.500	43.69	12.16	55.85	74.00	-18.15	100	146	peak
4	12943.112	29.56	12.16	41.72	54.00	-12.28	100	146	AVG
5	14725.700	31.03	12.60	43.63	54.00	-10.37	100	358	AVG
6	14727.500	42.72	12.60	55.32	74.00	-18.68	100	358	peak
7	15237.500	44.66	13.01	57.67	74.00	-16.33	100	187	peak
8	15237.888	31.26	13.01	44.27	54.00	-9.73	100	187	AVG
9	16128.737	31.80	13.73	45.53	54.00	-8.47	100	94	AVG
10	16130.000	44.39	13.73	58.12	74.00	-15.88	100	94	peak
11	17320.000	43.05	15.96	59.01	74.00	-14.99	100	309	peak
12	17321.675	30.22	15.96	46.18	54.00	-7.82	100	309	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$

**Above 1000MHz**

Model No.	LE910-NAG	Test Mode	Mode 8
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Vertical	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12431.712	31.19	11.33	42.52	54.00	-11.48	100	22	AVG
2	12432.500	44.35	11.33	55.68	74.00	-18.32	100	22	peak
3	12813.663	32.31	11.97	44.28	54.00	-9.72	100	319	AVG
4	12815.000	44.20	11.97	56.17	74.00	-17.83	100	319	peak
5	14855.000	43.52	12.69	56.21	74.00	-17.79	100	359	peak
6	14856.612	30.97	12.69	43.66	54.00	-10.34	100	359	AVG
7	16170.000	31.82	13.85	45.67	54.00	-8.33	100	115	AVG
8	16172.500	44.14	13.85	57.99	74.00	-16.01	100	115	peak
9	16807.987	31.26	15.22	46.48	54.00	-7.52	100	136	AVG
10	16810.000	43.65	15.22	58.87	74.00	-15.13	100	136	peak
11	17830.000	42.17	16.74	58.91	74.00	-15.09	100	329	peak
12	17830.375	30.17	16.74	46.91	54.00	-7.09	100	329	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)



Model No.	LE910-NAG	Test Mode	Mode 8
Environmental Conditions	21°C, 58% RH	Test Date	2014/5/10
Antenna Pole	Horizontal	Antenna Distance	3m
Highest frequency generated or used	1.9GHz	Upper frequency	9.5GHz
Detector Function	Average & Peak	Tested by	Jimmy Chou

No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	12771.750	31.10	11.91	43.01	54.00	-10.99	100	133	AVG
2	12772.500	44.06	11.91	55.97	74.00	-18.03	100	133	peak
3	13410.000	43.86	11.36	55.22	74.00	-18.78	100	255	peak
4	13410.438	31.33	11.36	42.69	54.00	-11.31	100	255	AVG
5	14940.000	44.30	12.75	57.05	74.00	-16.95	100	337	peak
6	14940.200	30.86	12.75	43.61	54.00	-10.39	100	337	AVG
7	15875.000	44.44	13.33	57.77	74.00	-16.23	100	327	peak
8	15876.587	31.38	13.33	44.71	54.00	-9.29	100	327	AVG
9	16980.000	42.64	15.48	58.12	74.00	-15.88	100	286	peak
10	16981.700	30.83	15.48	46.31	54.00	-7.69	100	286	AVG
11	17830.000	41.88	16.74	58.62	74.00	-15.38	100	359	peak
12	17830.975	30.13	16.74	46.87	54.00	-7.13	100	359	AVG

REMARKS:

1. The other emission levels were very low against the limit.
2. $\text{Margin (dB)} = \text{Result (dBuV/m)} - \text{Limit (dBuV/m)}$