



FCC 47 CFR PART 15 SUBPART B

Product Type : Quad band GSM/GPRS modules
Applicant : Telit Communications S.p.A.
Address : Viale Stazione di Prosecco 5/b, Trieste, 34010, Italy
Trade Name : Telit
Model Number : GE910-GNSS, GE910-QUAD
FCC ID : RI7GE910G
IC : 5131A-GE910
Test Specification : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
ANSI C63.4: 2009
CISPR 22: 1997
ICES-003: Issue 5
Receive Date : Mar. 12, 2013
Test Period : Mar. 28 ~ Mar. 31, 2013
Issue Date : Apr. 26, 2013

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade City,
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Taiwan Accreditation Foundation accreditation number: 1330

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Apr. 12, 2013	Initial Issue	
01	Apr. 26, 2013	Revised report information.	Joyce Liao

Verification of Compliance

Issued Date: 04/26/2013

Product Type : Quad band GSM/GPRS modules
Applicant : Telit Communications S.p.A.
Address : Viale Stazione di Prosecco 5/b, Trieste, 34010, Italy
Trade Name : Telit
Model Number : GE910-GNSS, GE910-QUAD
FCC ID : RI7GE910G
IC : 5131A-GE910
EUT Rated Voltage : DC 3.4V / 3.8V / 4.2V
Test Voltage : DC 3.8V
Applicable Standard : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
ANSI C63.4: 2009
CISPR 22: 1997
ICES-003: Issue 5

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade City,
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

The above equipment has been tested by A Test Lab Techno Corp., 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 :  Reviewed By : 
(Manager) (Murphy Wang) (Testing Engineer) (Frank Lin)

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1 General Information

1.1 Summary of Test Result

Emission			
Standard	Item	Result	Remark
FCC 47 CFR PART 15 SUBPART B ANSI C63.4 ICES-003	Conducted Emission	PASS	Meet Class B limit
FCC 47 CFR PART 15 SUBPART B ANSI C63.4 ICES-003	Radiated Emission	PASS	Meet Class B limit

The test results of this report relate only to the tested sample(s) identified in this report. Manufacturer or whom it may concern should recognize the pass or fail of the test result.

1.2 Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.24 dB.

Conducted Emissions (Telecommunication Ports)

The measurement uncertainty is evaluated as ± 2.24 dB.

Radiated Emission

The measurement uncertainty of 30 MHz - 1GHz is evaluated as ± 3.072 dB.

The measurement uncertainty of 1GHz - 40GHz is evaluated as ± 3.072 dB.

2 EUT Description

Product	Quad band GSM/GPRS modules
Trade Name	Telit
Model Number	GE910-GNSS, GE910-QUAD
Model different description	HW (PCB layout, component placement and components) of GE910-QUAD module is identical to GE910-GNSS module except for the standalone GNSS (GPS/Glonass) components that are not mounted on GE910-QUAD.
FCC ID	RI7GE910G
IC	5131A-GE910
IMEI Number	359785029001917
Applicant	Telit Communications S.p.A. Viale Stazione di Prosecco 5/b, Trieste, 34010, Italy
Manufacturer	Telit Communications S.p.A. Via Stazione di Prosecco, 5/B 34010 Sgonico Italy
Component	
2G Antenna	TEL-CAB, T-AT314 External type, Max gain:2.14dBi
GPS Antenna	2J-Antennae s.r.o., 2J433GF (order code: 2J433GF-SMA3MRG174) External type

I/O Port Description :

I/O Port Types	Q'TY	Test Description
1). Signal Port	1	Connected to Fixture

3 Test Methodology

3.1. Decision of Test Mode

3.1.1. The following test mode(s) were scanned during the preliminary test:

Pre-Test Mode
Mode 1: GPRS 850 +GPS Link Mode
Mode 2: GPRS 1900 +GPS Link Mode

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

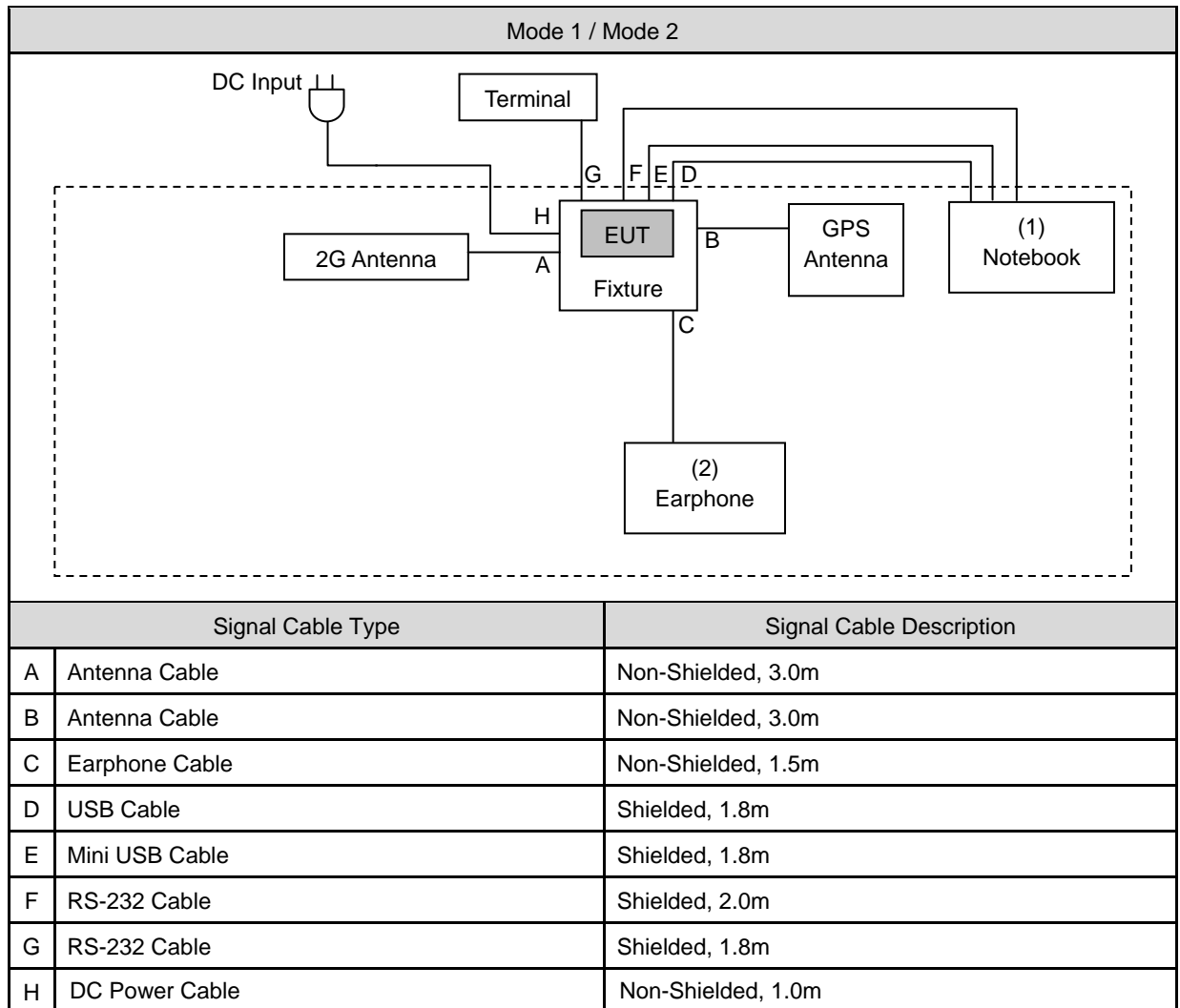
Final Test Mode			
Emission	Conducted Emission		Mode 1 / Mode 2
	Radiated Emission	Below 1GHz	Mode 1 / Mode 2
		Above 1GHz	Mode 1 / Mode 2

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

3.2. EUT Exercise Software

1	Setup the EUT and simulators as shown on 3.3.
2	Turn on the power of all equipment.
3	EUT link to CMU200.
4	Turn on EUT's GPS function and link Signal Generator.
5	The EUT will start to operate function.

3.3. Configuration of Test System Details



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	DELL	D531	CN-OXM006-48643-87 A-3398	Shielded, 1.8m
(2)	Earphone	N/A	N/A	N/A	N/A

3.4. Test Site Environment

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC part 15: 15.107 Conducted Emission	15-35	26
Humidity (%RH)		25-75	60
Barometric pressure (mbar)		860-1060	950
Temperature (°C)	FCC part 15: 15.109 Radiated Emission	15-35	26
Humidity (%RH)		25-75	60
Barometric pressure (mbar)		860-1060	950

4 Emission Test

4.1. Conducted Emission Measurement

4.1.1. Limit

A.C. Mains Conducted Interference Limit

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.

4.1.2. Test Instruments

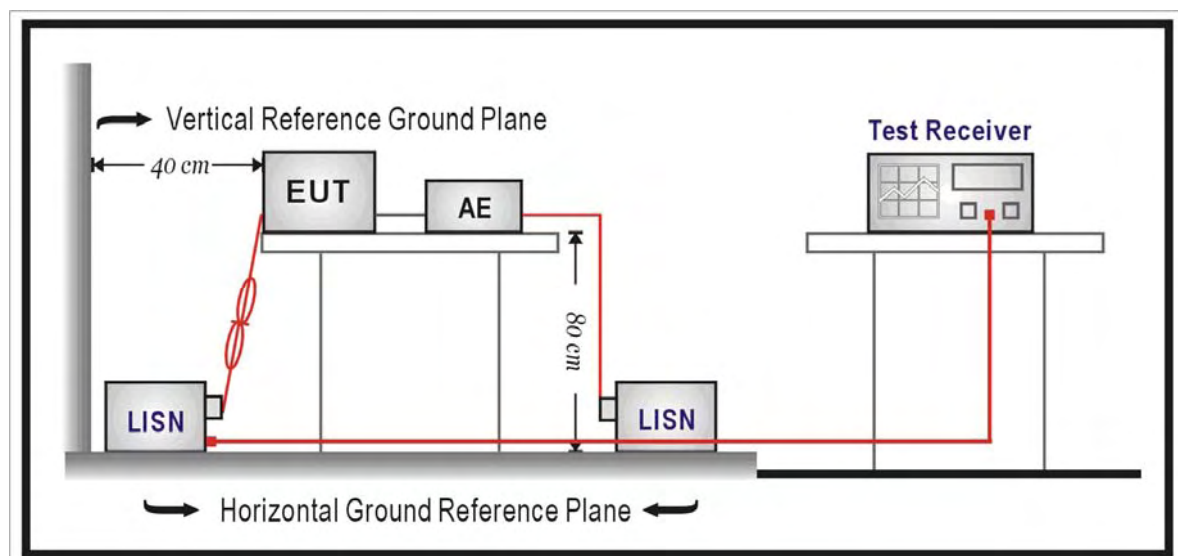
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Test Receiver	R&S	ESCI	100367	06/18/2012	(1)
LISN	R&S	ENV216	101040	03/04/2013	(1)
LISN	R&S	ENV216	101041	03/04/2013	(1)
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: (1) Calibration period 1 year. (2) Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

4.1.3. Test Setup

A.C. mains setup



4.1.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

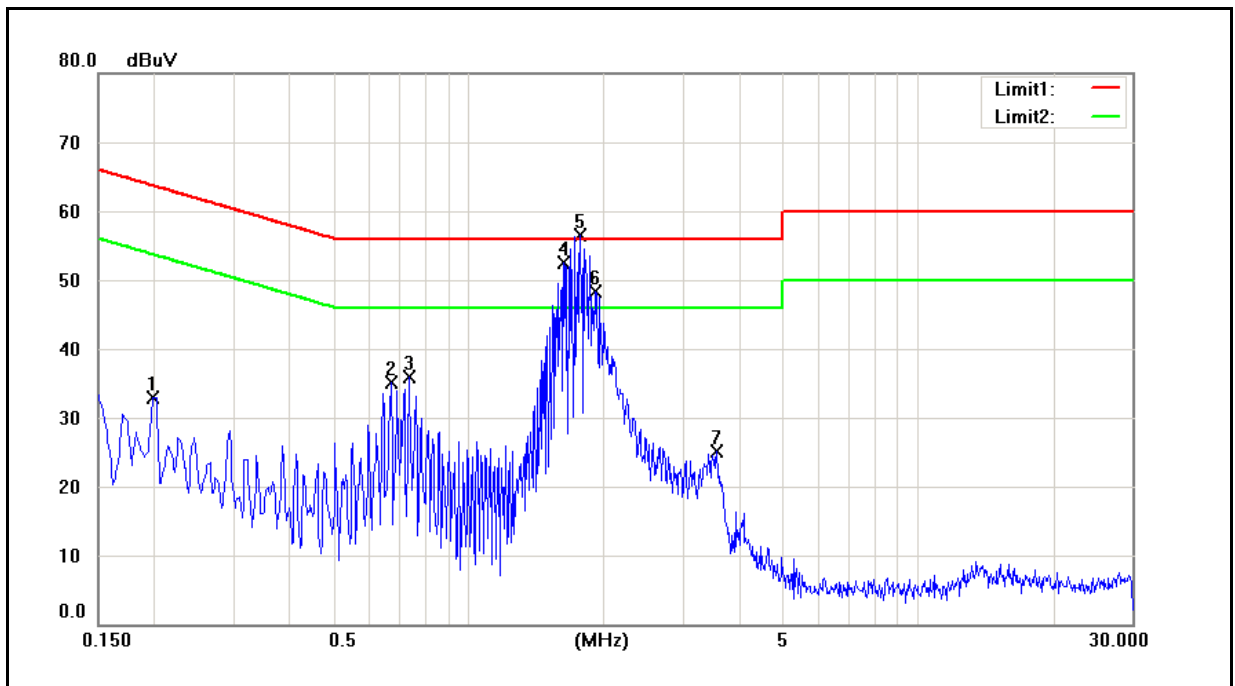
For A.C. mains conducted interference, measured both sides of A.C. lines and carried out using quasi-peak and average detector receivers of maximum conducted interference.

Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz. The equipment under test (EUT) shall be meet the limits in section 4.1.1, as applicable, including the average limit and the quasi-peak limit when using respectively, an average detector and quasi-peak detector measured in accordance with the methods described of related standard. The voltage limits shall be met. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

If the reading of the measuring receiver shows fluctuations close to the limit, the reading shall be observed for at least 15 s at each measurement frequency; the higher reading shall be recorded with the exception of any brief isolated high reading which shall be ignored.

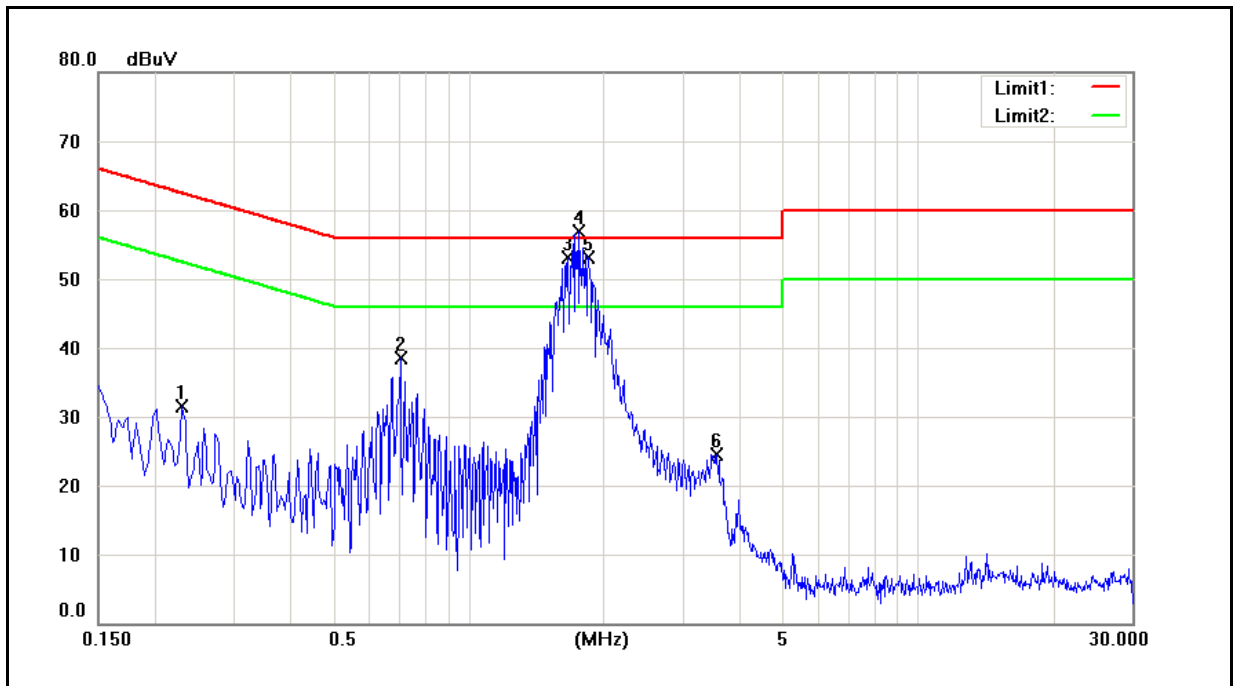
4.1.5. Test Result

Standard:	FCC Part 15B Class B	Line:	+
Test item:	Conducted Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	03/29/2013
		Test By:	Frank Lin
Description:			



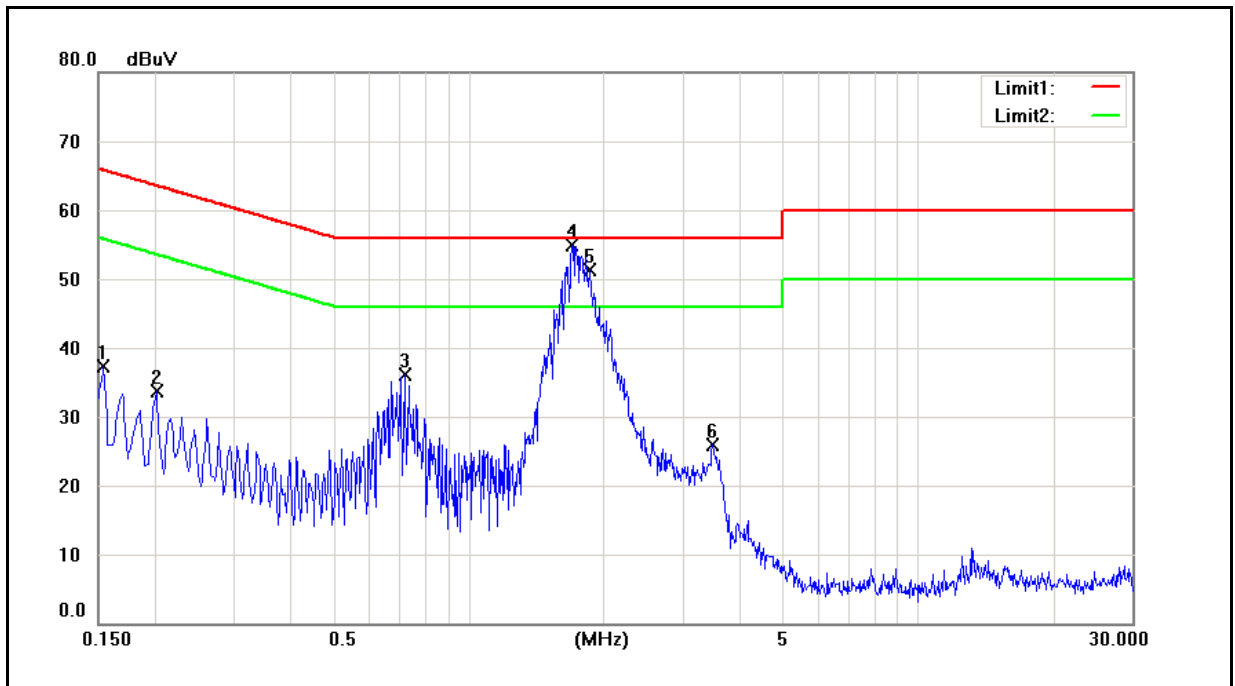
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1980	14.86	10.03	14.12	28.98	24.15	63.69	53.69	-34.71	-29.54	Pass
2	0.6740	25.78	20.19	5.38	31.16	25.57	56.00	46.00	-24.84	-20.43	Pass
3	0.7380	28.46	19.78	4.84	33.30	24.62	56.00	46.00	-22.70	-21.38	Pass
4	1.6340	43.00	33.44	1.71	44.71	35.15	56.00	46.00	-11.29	-10.85	Pass
5	1.7740	43.43	34.66	1.50	44.93	36.16	56.00	46.00	-11.07	-9.84	Pass
6	1.9100	44.09	35.17	1.30	45.39	36.47	56.00	46.00	-10.61	-9.53	Pass
7	3.5700	21.91	14.76	0.82	22.73	15.58	56.00	46.00	-33.27	-30.42	Pass

Standard:	FCC Part 15B Class B	Line:	-
Test item:	Conducted Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	03/29/2013
		Test By:	Frank Lin
Description:			



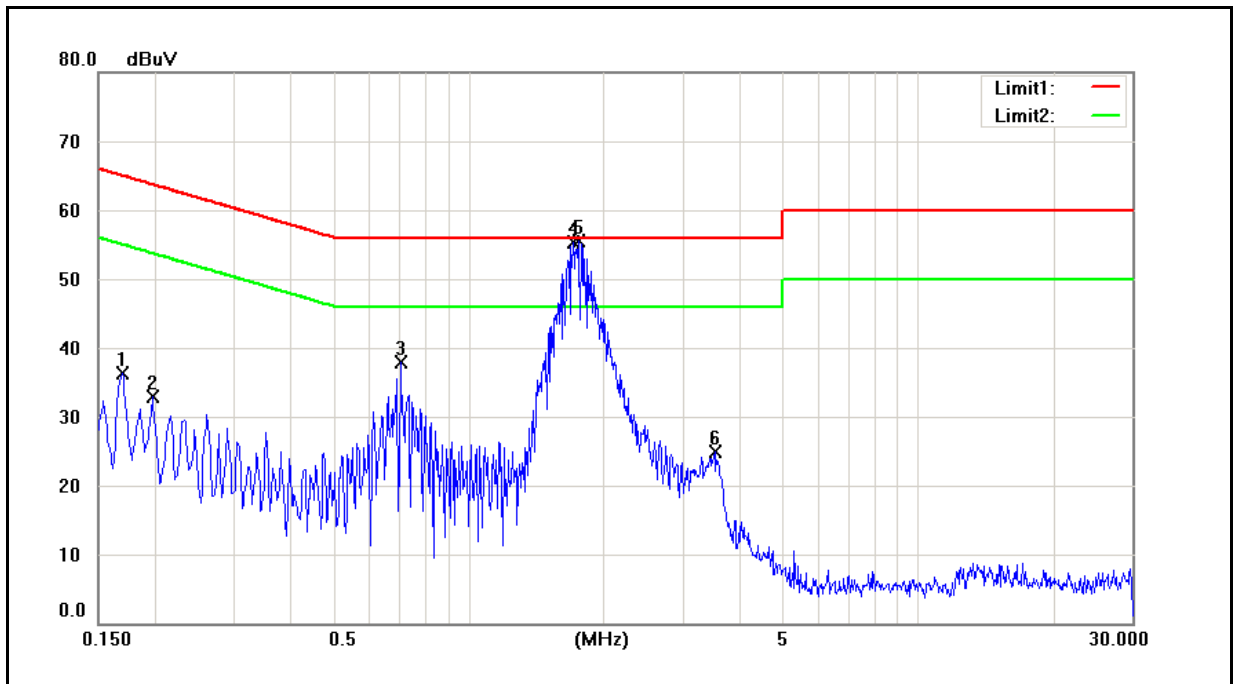
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.2300	16.53	10.70	13.03	29.56	23.73	62.45	52.45	-32.89	-28.72	Pass
2	0.7060	29.32	23.84	5.11	34.43	28.95	56.00	46.00	-21.57	-17.05	Pass
3	1.6660	47.47	36.01	1.66	49.13	37.67	56.00	46.00	-6.87	-8.33	Pass
4	1.7580	42.79	38.29	1.52	44.31	39.81	56.00	46.00	-11.69	-6.19	Pass
5	1.8500	48.99	36.74	1.38	50.37	38.12	56.00	46.00	-5.63	-7.88	Pass
6	3.5700	20.58	13.77	0.82	21.40	14.59	56.00	46.00	-34.60	-31.41	Pass

Standard:	FCC Part 15B Class B	Line:	+
Test item:	Conducted Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	03/29/2013
		Test By:	Frank Lin
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1540	16.75	10.07	17.18	33.93	27.25	65.78	55.78	-31.85	-28.53	Pass
2	0.2020	16.08	9.98	13.92	30.00	23.90	63.53	53.53	-33.53	-29.63	Pass
3	0.7220	28.77	21.48	4.98	33.75	26.46	56.00	46.00	-22.25	-19.54	Pass
4	1.7060	50.37	38.12	1.60	51.97	39.72	56.00	46.00	-4.03	-6.28	Pass
5	1.8660	47.80	36.64	1.36	49.16	38.00	56.00	46.00	-6.84	-8.00	Pass
6	3.4940	21.80	14.86	0.83	22.63	15.69	56.00	46.00	-33.37	-30.31	Pass

Standard:	FCC Part 15B Class B	Line:	-
Test item:	Conducted Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	03/29/2013
		Test By:	Frank Lin
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1700	17.52	10.97	16.07	33.59	27.04	64.96	54.96	-31.37	-27.92	Pass
2	0.1980	15.78	9.67	14.12	29.90	23.79	63.69	53.69	-33.79	-29.90	Pass
3	0.7060	30.67	23.88	5.11	35.78	28.99	56.00	46.00	-20.22	-17.01	Pass
4	1.6940	49.03	37.68	1.62	50.65	39.30	56.00	46.00	-5.35	-6.70	Pass
5	1.7620	49.76	38.17	1.51	51.27	39.68	56.00	46.00	-4.73	-6.32	Pass
6	3.5420	20.71	14.93	0.82	21.53	15.75	56.00	46.00	-34.47	-30.25	Pass

4.2. Radiated Interference Measurement

4.2.1. Limit

Under 1GHz test shall not exceed following value

FCC 47 CFR PART 15 SUBPART B				
Frequency range (MHz)	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30 to 88	10	39	3	40
88 to 216	10	43.5	3	43.5
216 to 960	10	46.4	3	46
Above 960	10	49.5	3	54

CISPR 22				
Frequency range (MHz)	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30 to 230	10	40	10	30
230 to 1000	10	47	10	37

Above 1GHz test shall not exceed following value

Frequency (MHz)	dBuV/m (Distance 3m)			
	Class A		Class B	
	Average	Peak	Average	Peak
1000 ~ 40000	60	80	54	74

- Remark:
1. The tighter limit shall apply at the edge between two frequency bands.
 2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
 3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)
 4. Peak detector limit is corresponding to 20 dB above the maximum permitted average limit.

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 in which the device operated 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	5th harmonic of the highest frequency or 40GHz, whichever is lower

4.2.2. Test Instruments

10 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Pre Amplifier	Agilent	8447D	2944A11120	01/10/2013	(1)
Pre Amplifier	Agilent	8447D	2944A11119	01/10/2013	(1)
Test Receiver	R&S	ESCI	100722	10/18/2012	(1)
Test Receiver	R&S	ESCI	101000	12/18/2012	(1)
Broadband Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB 9160	9160-3268	06/06/2012	(1)
Broadband Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB 9160	9160-3273	12/13/2012	(1)
Universal Radio Communication Tester	R&S	CMU200	109369	08/07/2012	(2)
Bluetooth Tester	R&S	CBT	100350	01/30/2013	(1)
Test Site	ATL	TE06	TE06	08/13/2012	(1)

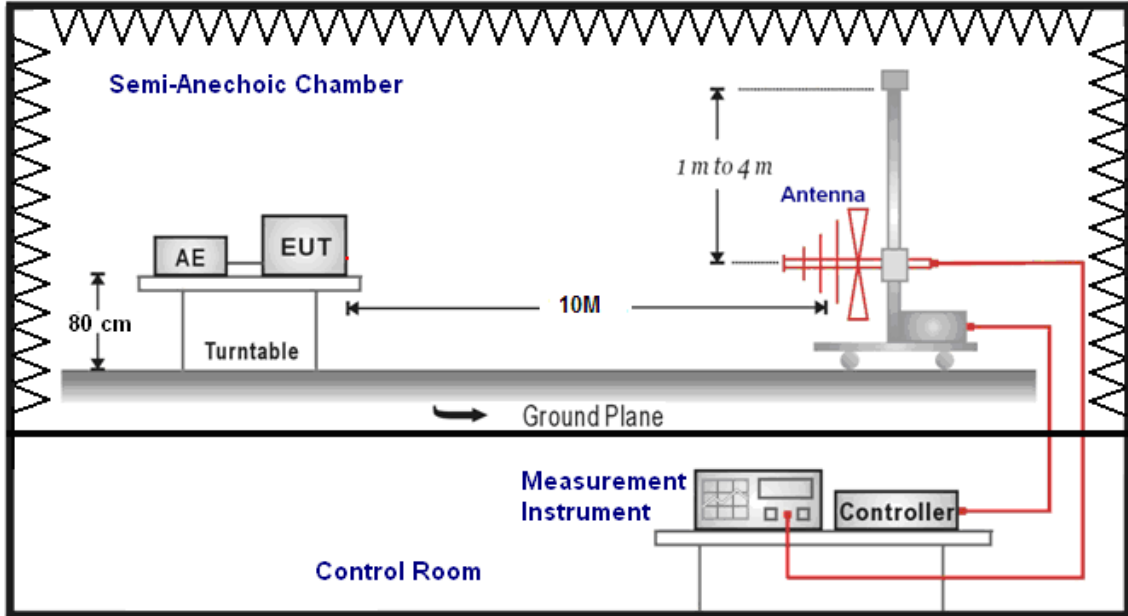
3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/10/2012	(1)
Amplifier	Mini-Circuits	ZKL-1R5+	072010	05/29/2012	(1)
Amplifier	Mini-Circuits	ZVA-213-S+	467900926	05/29/2012	(1)
RF Pre-selector	Agilent	N9039A	MY46520255	05/10/2012	(1)
Horn Antenna (1~18GHz)	ETS-Lindgren	3117	00128055	08/09/2012	(1)
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	06/21/2012	(1)
Universal Radio Communication Tester	R&S	CMU200	109369	08/07/2012	(2)
Bluetooth Tester	R&S	CBT	100350	01/30/2013	(1)
Test Site	ATL	TE09	TE09	05/11/2012	(1)

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

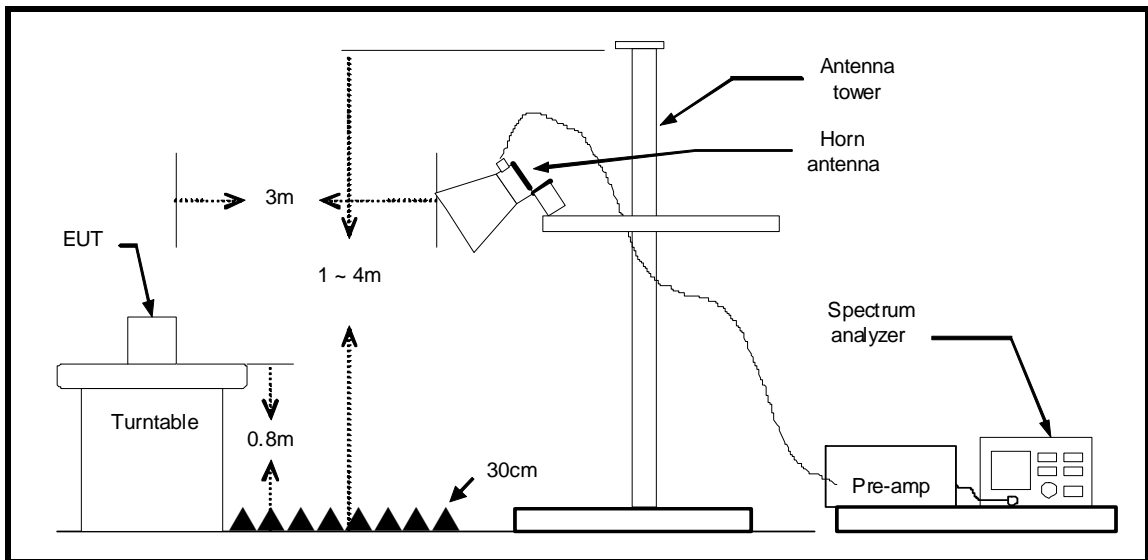
Note: N.C.R. = No Calibration Request.

4.2.3. Setup

Below 1GHz



Above 1GHz



4.2.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 10 meters for under 1GHz, and 3 meter for above 1GHz, the highest frequency performed according to internal source frequency of the EUT, the specification was below:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

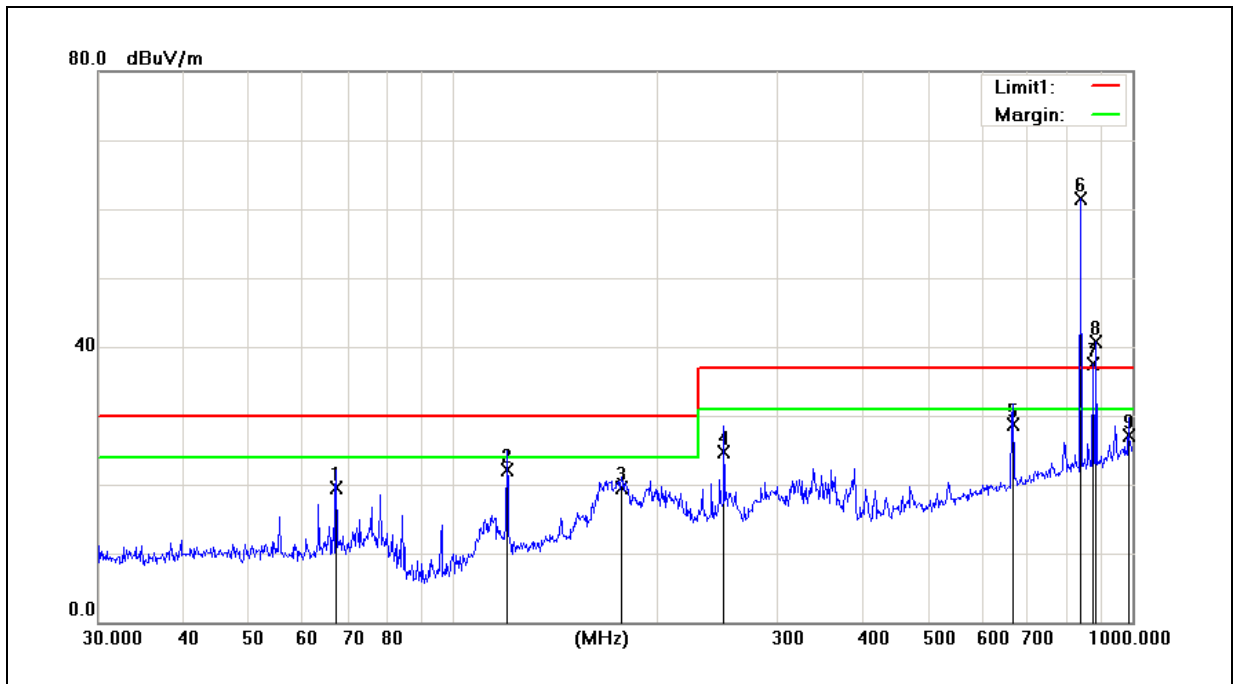
According to this standard paragraph 15.109, as an alternative to the radiated emission limits, digital devices may be shown to comply with the standards contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22, "Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement".

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

Radiated emissions were investigated over the frequency range from 30MHz to 1GHz using a receiver bandwidth of 120 kHz. Radiated was performed at an antenna to EUT distance of 10 meters.

4.2.5. Test Result

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	03/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



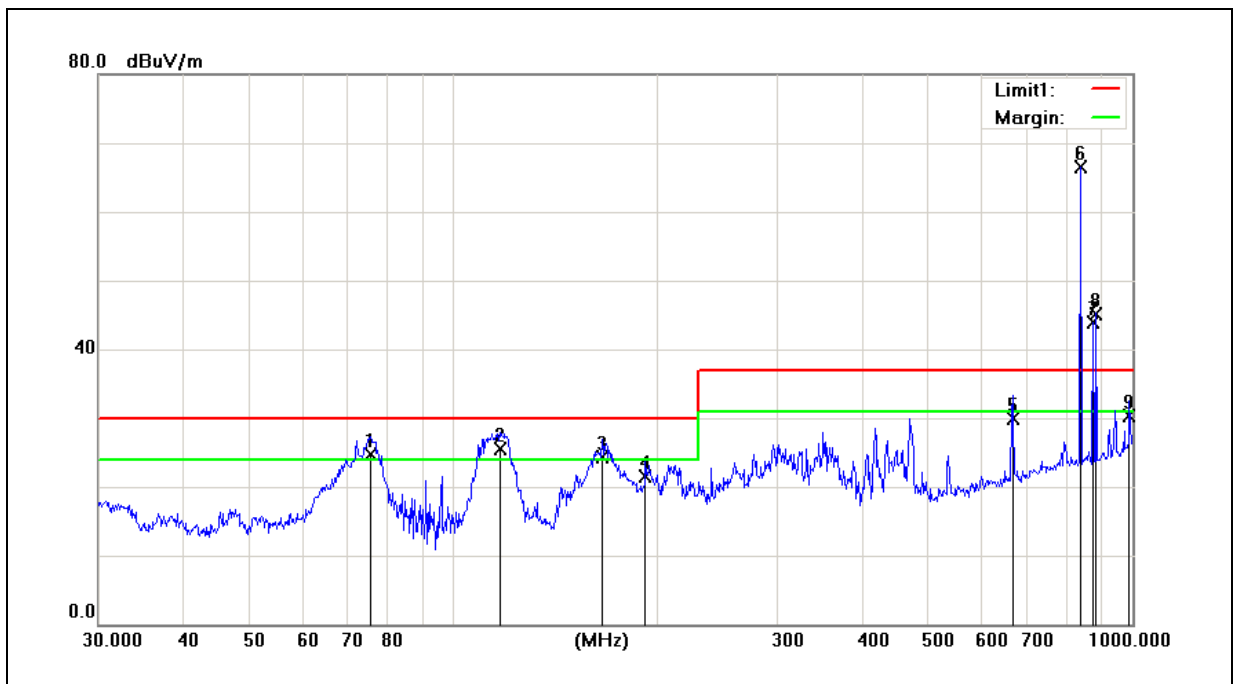
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	67.2022	35.67	-16.17	19.50	30.00	-10.50	400	212	QP
2	119.8556	36.97	-14.87	22.10	30.00	-7.90	400	324	QP
3	176.8878	33.87	-14.27	19.60	30.00	-10.40	300	219	QP
4	250.3012	38.54	-13.74	24.80	37.00	-12.20	400	52	QP
5	665.8035	33.60	-4.90	28.70	37.00	-8.30	400	67	QP
6	839.1817	63.55	-1.98	61.57	N/A	N/A	300	120	TX
7	875.2470	38.84	-1.28	37.56	N/A	N/A	400	224	BS
8	884.5028	41.76	-1.09	40.67	N/A	N/A	400	255	RX
9	986.0717	26.57	0.53	27.10	37.00	-9.90	400	232	QP

Note: TX: the transmitting signal of Universal Radio Communication Tester.

RX: the receiving signal of Universal Radio Communication Tester.

BS: the signal of Universal Radio Communication Tester.

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	03/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



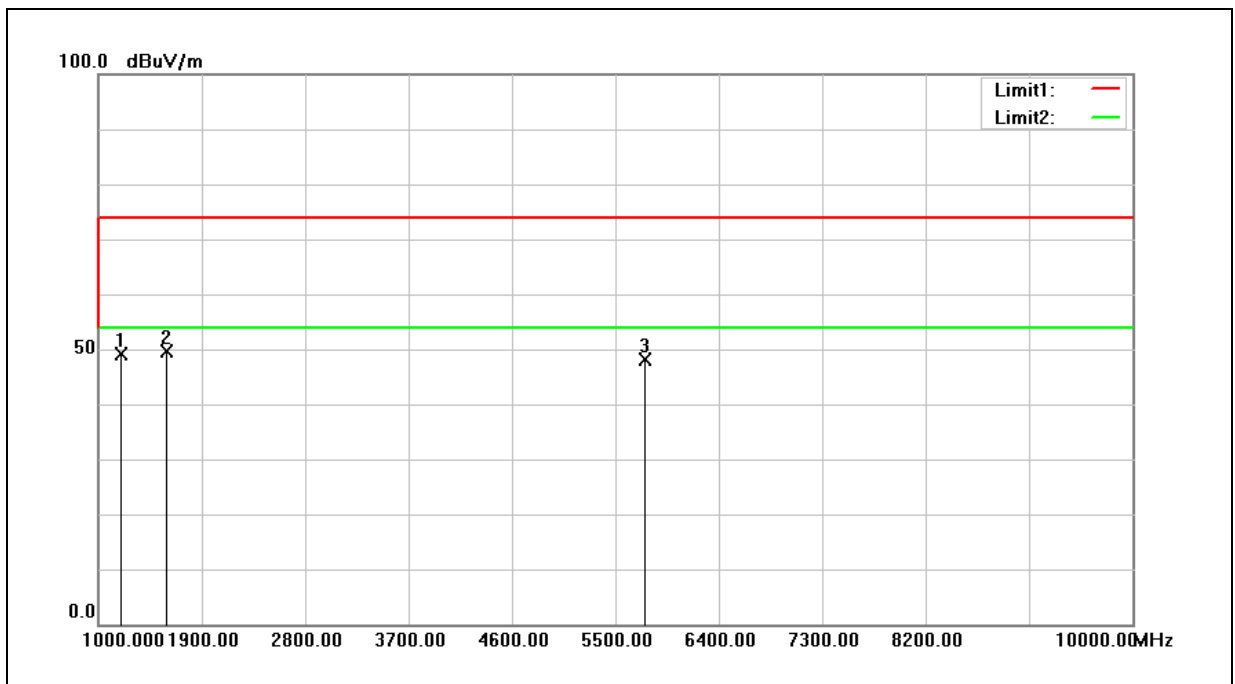
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	75.4464	41.95	-17.15	24.80	30.00	-5.20	100	0	QP
2	116.9495	40.18	-14.58	25.60	30.00	-4.40	100	279	QP
3	165.4866	36.75	-12.45	24.30	30.00	-5.70	200	108	QP
4	191.7450	36.45	-14.95	21.50	30.00	-8.50	100	80	QP
5	665.8035	33.13	-3.13	30.00	37.00	-7.00	100	170	QP
6	839.1817	66.07	0.43	66.50	N/A	N/A	100	70	TX
7	875.2470	42.77	1.05	43.82	N/A	N/A	200	79	BS
8	884.5028	44.02	1.18	45.20	N/A	N/A	100	199	RX
9	989.5355	27.23	3.17	30.40	37.00	-6.60	100	179	QP

Note: TX: the transmitting signal of Universal Radio Communication Tester.

RX: the receiving signal of Universal Radio Communication Tester.

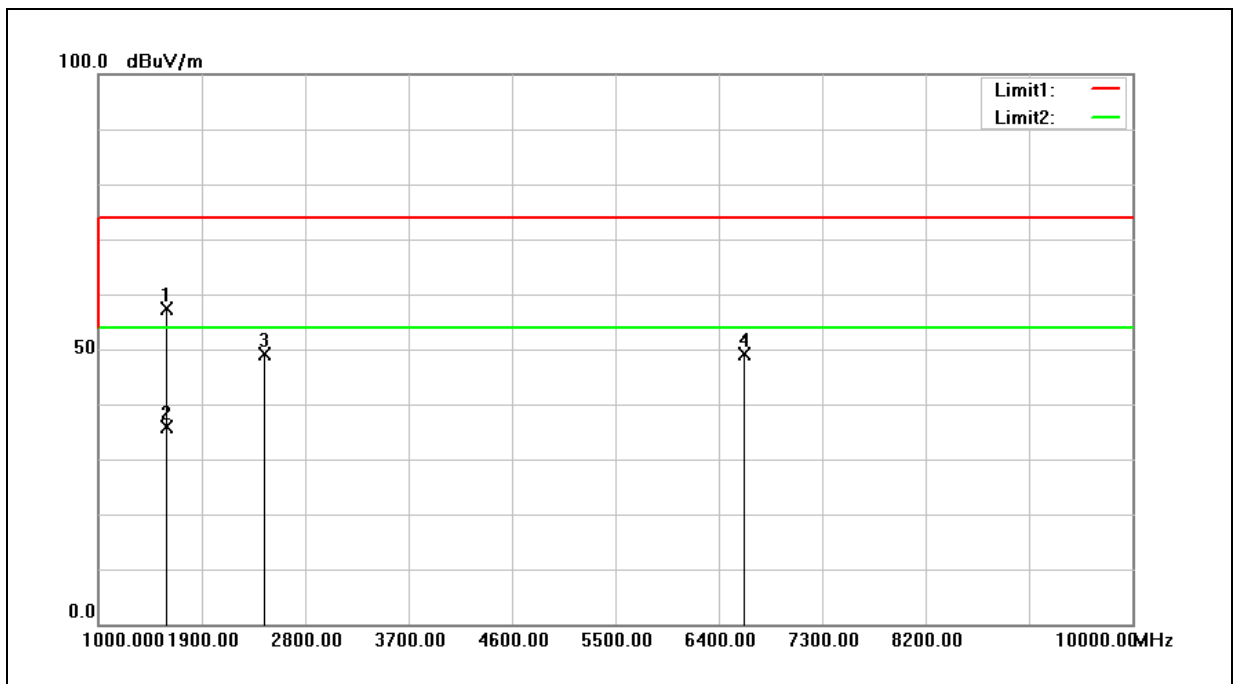
BS: the signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1 (1GHz~10GHz)	Date:	03/31/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



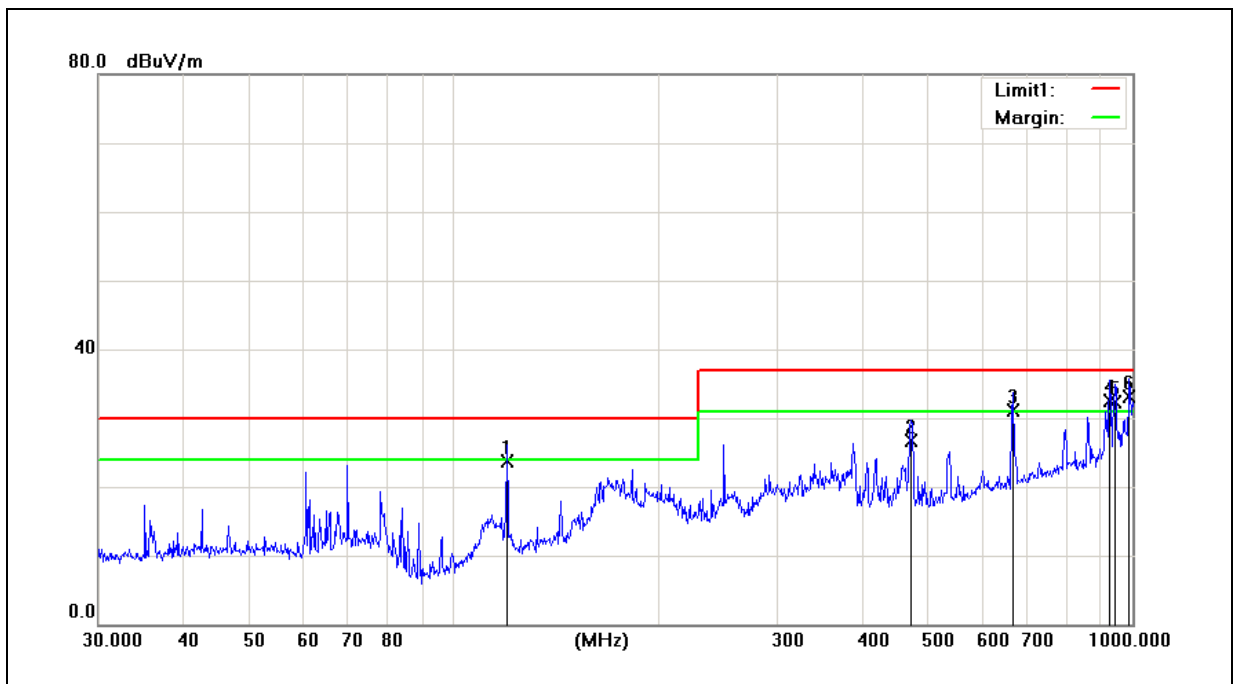
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	72.64	-23.54	49.10	74.00	-24.90	peak
2	1594.000	72.07	-22.36	49.71	74.00	-24.29	peak
3	5761.000	58.86	-10.83	48.03	74.00	-25.97	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1 (1GHz~10GHz)	Date:	03/31/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



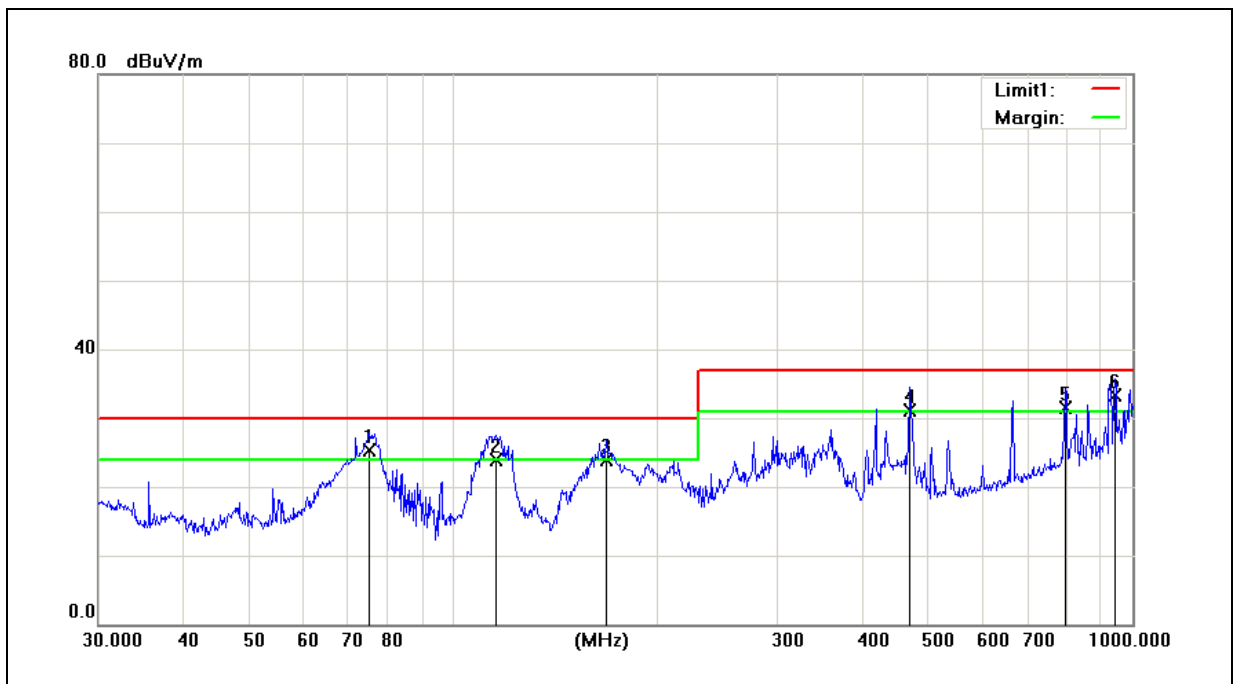
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	79.82	-22.36	57.46	74.00	-16.54	peak
2	1594.000	58.22	-22.36	35.86	54.00	-18.14	AVG
3	2449.000	67.28	-18.26	49.02	74.00	-24.98	peak
4	6616.000	58.37	-9.21	49.16	74.00	-24.84	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	03/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



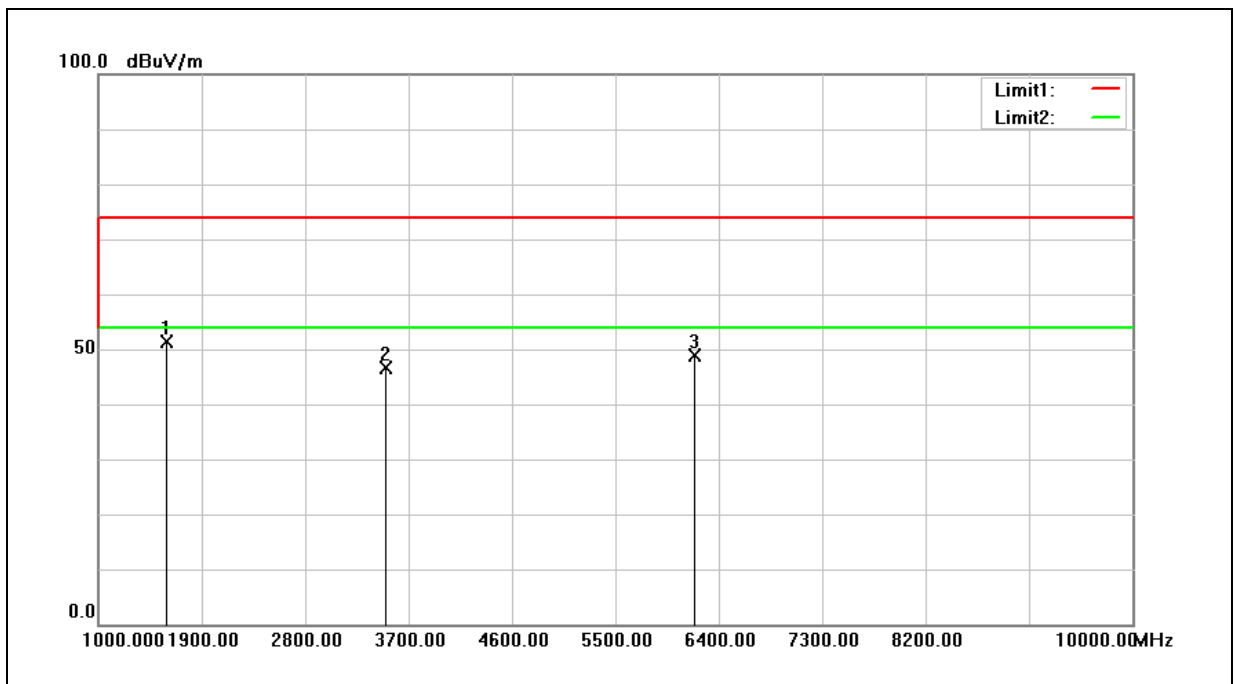
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	119.8556	38.67	-14.87	23.80	30.00	-6.20	400	295	QP
2	472.1760	35.24	-8.54	26.70	37.00	-10.30	100	216	QP
3	668.1423	36.08	-4.88	31.20	37.00	-5.80	100	67	QP
4	925.7563	32.91	-0.31	32.60	37.00	-4.40	100	235	QP
5	942.1305	32.42	-0.02	32.40	37.00	-4.60	100	215	QP
6	989.5355	32.51	0.59	33.10	37.00	-3.90	100	197	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	03/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



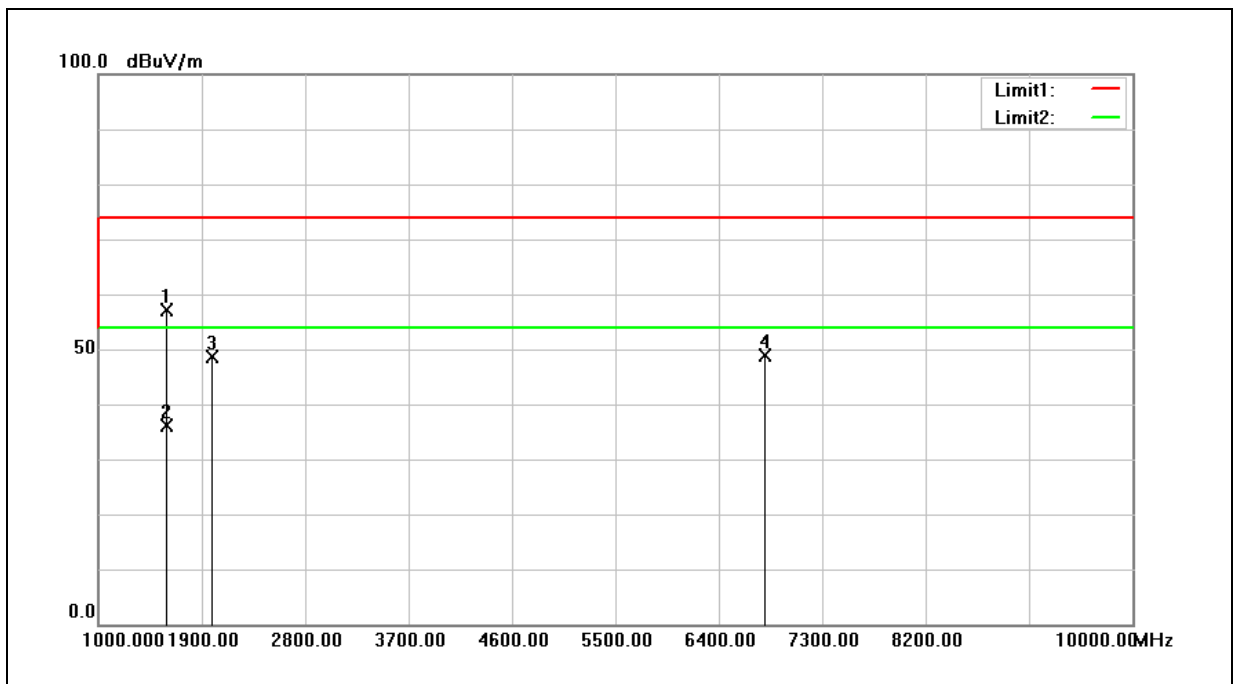
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	75.1822	42.49	-17.09	25.40	30.00	-4.60	200	0	QP
2	115.7256	38.60	-14.70	23.90	30.00	-6.10	100	127	QP
3	167.8243	36.49	-12.49	24.00	30.00	-6.00	100	327	QP
4	468.8762	38.10	-7.00	31.10	37.00	-5.90	400	101	QP
5	796.1830	31.95	-0.45	31.50	37.00	-5.50	200	164	QP
6	942.1305	30.77	2.63	33.40	37.00	-3.60	200	233	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2 (1GHz~10GHz)	Date:	03/31/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	73.76	-22.36	51.40	74.00	-22.60	peak
2	3502.000	62.80	-16.14	46.66	74.00	-27.34	peak
3	6193.000	58.71	-9.75	48.96	74.00	-25.04	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	GE910-GNSS	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2 (1GHz~10GHz)	Date:	03/31/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	79.39	-22.36	57.03	74.00	-16.97	peak
2	1594.000	58.51	-22.36	36.15	54.00	-17.85	AVG
3	1990.000	68.04	-19.49	48.55	74.00	-25.45	peak
4	6796.000	57.84	-8.98	48.86	74.00	-25.14	peak