



Verification Test Report

According to

**47 CFR, Part 2, Part 15, CISPR PUB. 22,
Canada ICES-003 Issue 5**

Applicant : ERNITEC

Address : Tempovej 41, 2750 Ballerup, Denmark

Equipment : Ernitec EDNS V2100 Series

Model No. : V21xx (x=0~9, A~Z or Space)

Trade Name : ERNITEC

- The test result refers exclusively to the test presented test model / sample.
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VERIFICATION OF COMPLIANCE

According to

**47 CFR, Part 2, Part 15 and CISPR PUB. 22,
Canada ICES-003 Issue 5**

Applicant : ERNITEC

Address : Tempovej 41, 2750 Ballerup, Denmark

Equipment : Ernitec EDNS V2100 Series

Model No. : V21xx (x=0~9, A~Z or Space)

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2009** and the energy emitted by this equipment was **passed CISPR PUB. 22, FCC Part 15, Canada ICES-003 Issue 5** in both radiated and conducted emission class A limits.

Testing was carried out on Mar. 24, 2014 at **Cerpass Technology Corp.**

Signature

Hill Chen

EMC/RF B.U. Assistant Manager



1. Summary of Test Procedure and Test Result

Test Item	Normative References	Test Result
Conducted Emission	ANSI C63.4-2009, FCC Part 15 Subpart B, Canada ICES-003 Issue 5	PASS
Radiated Emission	ANSI C63.4-2009, FCC Part 15 Subpart B, Canada ICES-003 Issue 5	PASS

2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Please refer to the user manual.

2.2. Test Manner

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- b. The complete test system included remote workstation, Monitor, Keyboard, Mouse, Printer, Alarm and EUT for EMI test. The remote workstation included Notebook and IP CAM.
- c. The test modes of EMI test as follow:
 - Test Mode 1. VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1
 - Test Mode 2. VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1
 - Test Mode 3. VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1
 - Test Mode 4. VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1
- d. An executive program, "PING.EXE" under WIN 7 was executed to transmit and receive data to the remote workstation through LAN.



2.3. Description of Support Systems


Device	Manufacturer	Model No.	Description
Monitor	TVS	CM-14VN	Power Cable, Unshielding 1.8m BNC Cable, Shielding 1.8m
Monitor*2	DELL	U2410f	Power Cable, Unshielding 1.8m VGA Cable, Shielding 1.8m HDMI Cable, Shielding 1.8m
Keyboard	DELL	SK-8175	Data Cable, USB Shielding 1.85m
Mouse	DELL	MOC5UO	Data Cable, USB Shielding 1.85m
Printer	HP	D2660	Power Cable, Unshielding 1.8m USB Cable, Shielding 1.6m
Alarm	N/A	N/A	N/A
Remote workstation			
Notebook	SONY	PCG-71218P	Power Cable, Unshielding 1.8m
IP CAM	ERNITEC	CNB-D2310NIRKC1	N/A

Use Cable:

Cable	Quantity	Description
BNC	1	Shielding, 15m
RJ45	1	Unshielding, 15m
BNC loop	15	Shielding, 1.8m
BNC	2	Unshielding, 2.0m



2.4. General Information of Test

Test Site :	Cerpass Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS1-SD):	No68-1, Shihbachong Si, Shihding Township, Taipei County 223, Taiwan , R.O.C
FCC Registration Number :	TW1049, TW1061, 390316, 488071
IC Registration Number :	4934B-1, 4934D-1
VCCI Registration Number :	T-1173 for Telecommunication Test C-4139 for Conducted emission test R-3428 for Radiated emission test G-97 for radiated disturbance above 1GHz
Frequency Range Investigated :	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 18,000 MHz
Test Distance :	The test distance of radiated emission below 1GHz from antenna to EUT is 10 M. The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.
Laboratory Accreditation :	

2.5. Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE / NEUTRAL	3.25 dB
Radiated Emission	30 MHz ~ 1,000 MHz	Vertical / Horizontal	3.93 dB
	1,000 MHz ~ 18,000 MHz	Vertical / Horizontal	5.18 dB



3. Test of Conducted Emission

3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 1.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

For a Class A digital device that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms LISN. Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

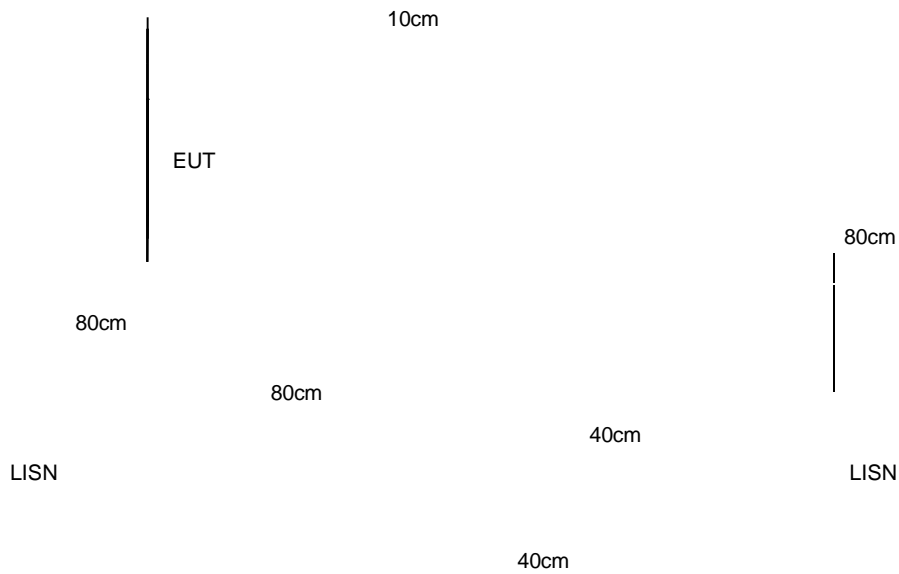
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	79	66
0.5 – 30.0	73	60

3.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



3.3. Typical test Setup



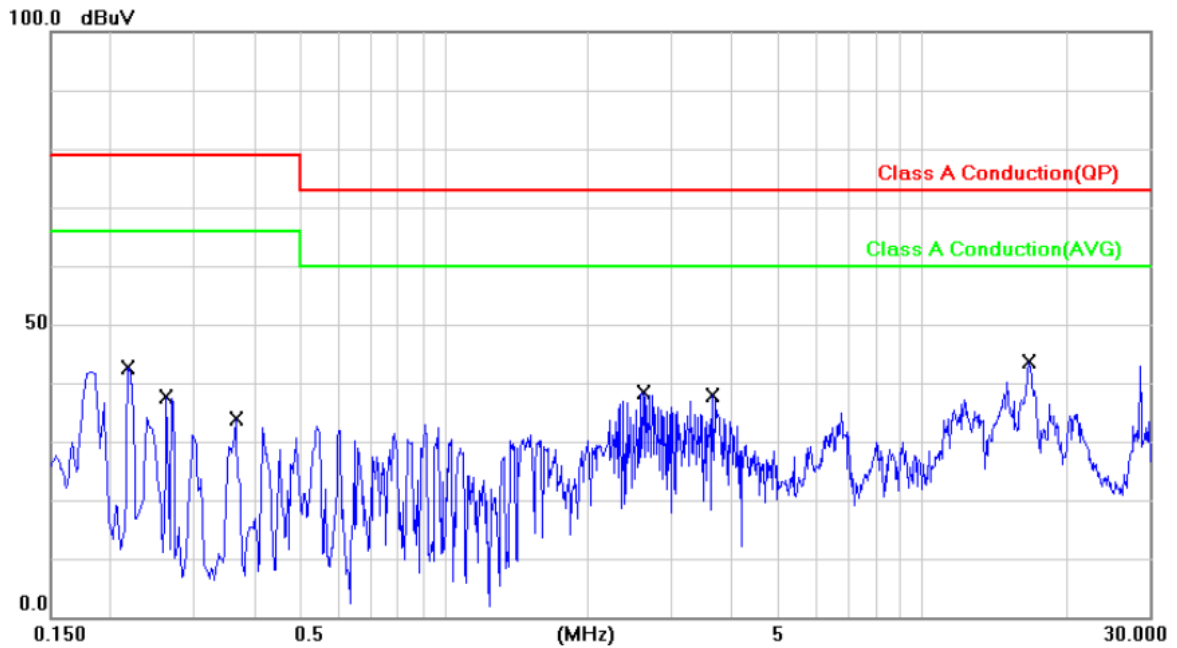
3.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100821	2013/09/18	2014/09/17
LISN	Rolf Heine	NNB-2/16Z	02/10191	2013/09/30	2014/09/29
LISN	Schwarzbeck	NSLK 8127	8127-568	2013/08/30	2014/08/29



3.5. Test Result and Data

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2180	0.08	32.23	32.31	79.00	-46.69	QP	P
2	0.2180	0.08	13.11	13.19	66.00	-52.81	AVG	P
3	0.2620	0.08	31.55	31.63	79.00	-47.37	QP	P
4	0.2620	0.08	9.21	9.29	66.00	-56.71	AVG	P
5	0.3660	0.09	32.15	32.24	79.00	-46.76	QP	P
6	0.3660	0.09	26.12	26.21	66.00	-39.79	AVG	P
7	2.6140	0.21	32.61	32.82	73.00	-40.18	QP	P
8	2.6140	0.21	19.32	19.53	60.00	-40.47	AVG	P
9	3.6540	0.24	33.14	33.38	73.00	-39.62	QP	P
10	3.6540	0.24	18.42	18.66	60.00	-41.34	AVG	P
11	16.7620	0.55	38.31	38.86	73.00	-34.14	QP	P
12	16.7620	0.55	28.95	29.50	60.00	-30.50	AVG	P

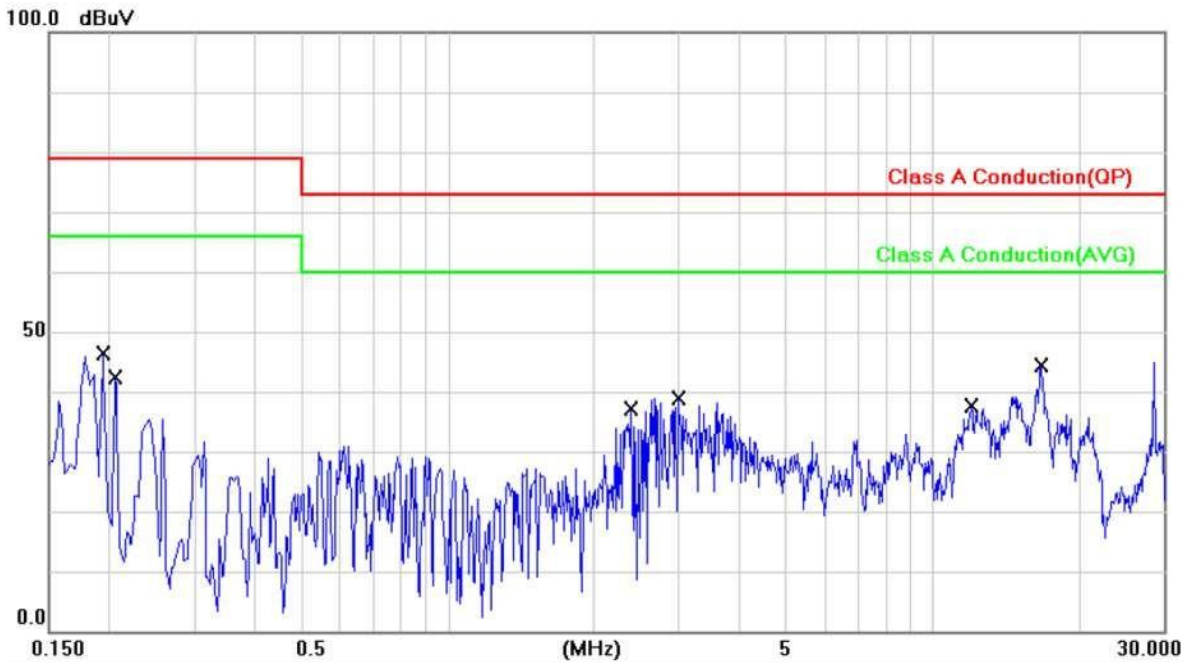
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

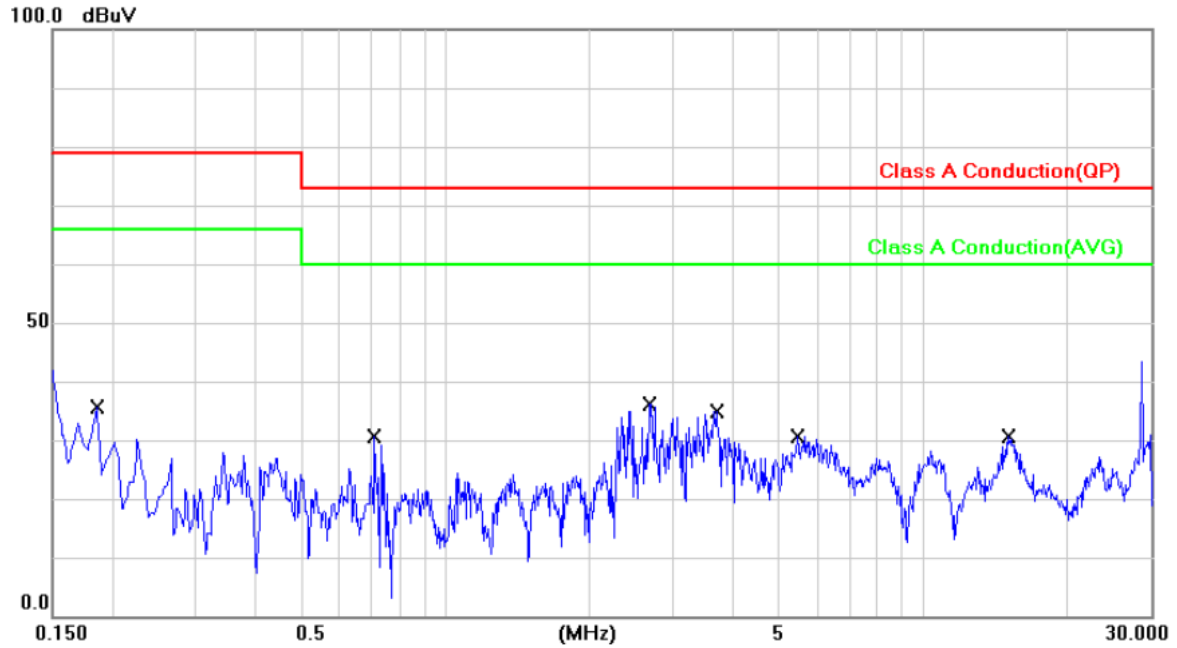


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.07	38.21	38.28	79.00	-40.72	QP	P
2	0.1940	0.07	17.35	17.42	66.00	-48.58	AVG	P
3	0.2060	0.07	36.86	36.93	79.00	-42.07	QP	P
4	0.2060	0.07	18.24	18.31	66.00	-47.69	AVG	P
5	2.3860	0.19	33.88	34.07	73.00	-38.93	QP	P
6	2.3860	0.19	19.33	19.52	60.00	-40.48	AVG	P
7	2.9820	0.21	33.31	33.52	73.00	-39.48	QP	P
8	2.9820	0.21	17.57	17.78	60.00	-42.22	AVG	P
9	12.0140	0.45	30.44	30.89	73.00	-42.11	QP	P
10	12.0140	0.45	21.56	22.01	60.00	-37.99	AVG	P
11	16.7740	0.56	37.82	38.38	73.00	-34.62	QP	P
12	16.7740	0.56	28.12	28.68	60.00	-31.32	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

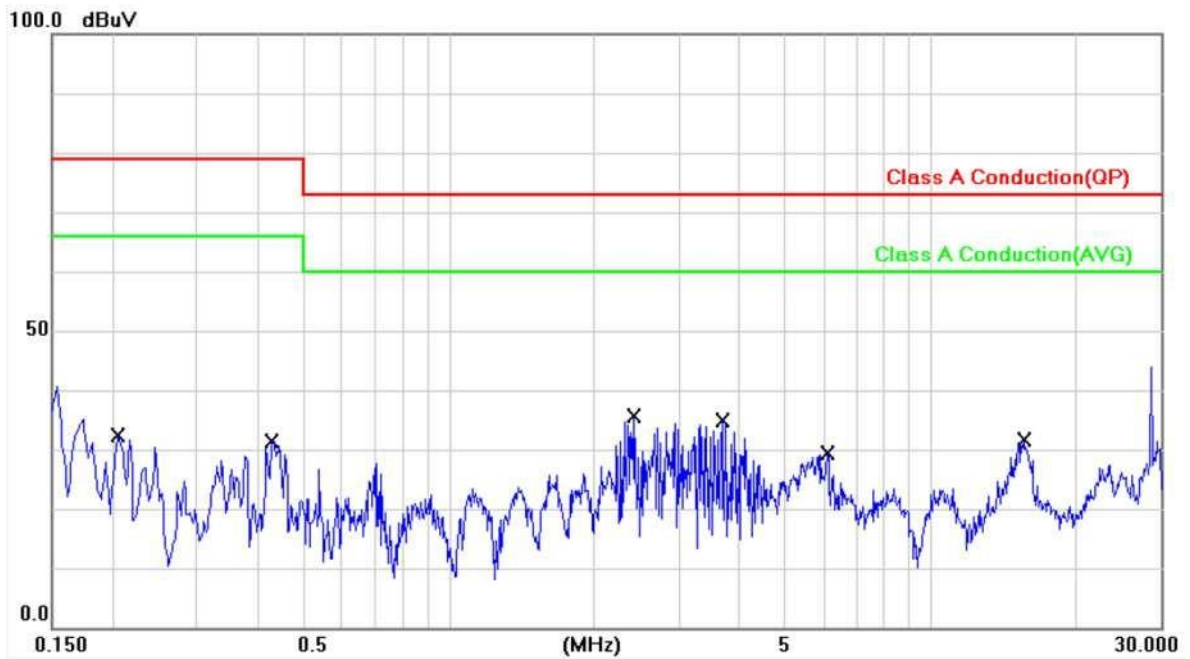


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1860	0.08	31.32	31.40	79.00	-47.60	QP	P
2	0.1860	0.08	19.33	19.41	66.00	-46.59	AVG	P
3	0.7100	0.11	25.63	25.74	73.00	-47.26	QP	P
4	0.7100	0.11	15.74	15.85	60.00	-44.15	AVG	P
5	2.6780	0.21	30.88	31.09	73.00	-41.91	QP	P
6	2.6780	0.21	18.88	19.09	60.00	-40.91	AVG	P
7	3.6820	0.25	30.23	30.48	73.00	-42.52	QP	P
8	3.6820	0.25	18.21	18.46	60.00	-41.54	AVG	P
9	5.4740	0.30	26.33	26.63	73.00	-46.37	QP	P
10	5.4740	0.30	20.84	21.14	60.00	-38.86	AVG	P
11	15.1140	0.52	25.68	26.20	73.00	-46.80	QP	P
12	15.1140	0.52	19.84	20.36	60.00	-39.64	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

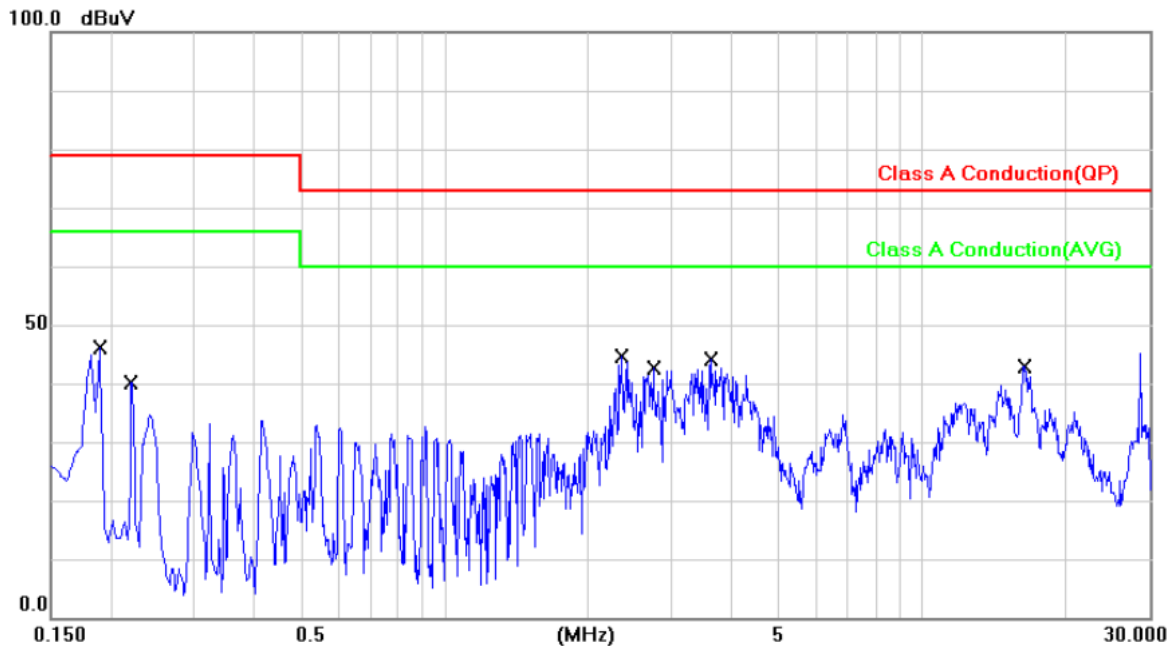


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2060	0.07	32.84	32.91	79.00	-46.09	QP	P
2	0.2060	0.07	23.64	23.71	66.00	-42.29	AVG	P
3	0.4300	0.09	32.44	32.53	79.00	-46.47	QP	P
4	0.4300	0.09	25.66	25.75	66.00	-40.25	AVG	P
5	2.4340	0.19	30.95	31.14	73.00	-41.86	QP	P
6	2.4340	0.19	19.82	20.01	60.00	-39.99	AVG	P
7	3.7140	0.23	29.54	29.77	73.00	-43.23	QP	P
8	3.7140	0.23	16.46	16.69	60.00	-43.31	AVG	P
9	6.1020	0.30	24.88	25.18	73.00	-47.82	QP	P
10	6.1020	0.30	17.55	17.85	60.00	-42.15	AVG	P
11	15.6340	0.53	27.34	27.87	73.00	-45.13	QP	P
12	15.6340	0.53	21.26	21.79	60.00	-38.21	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

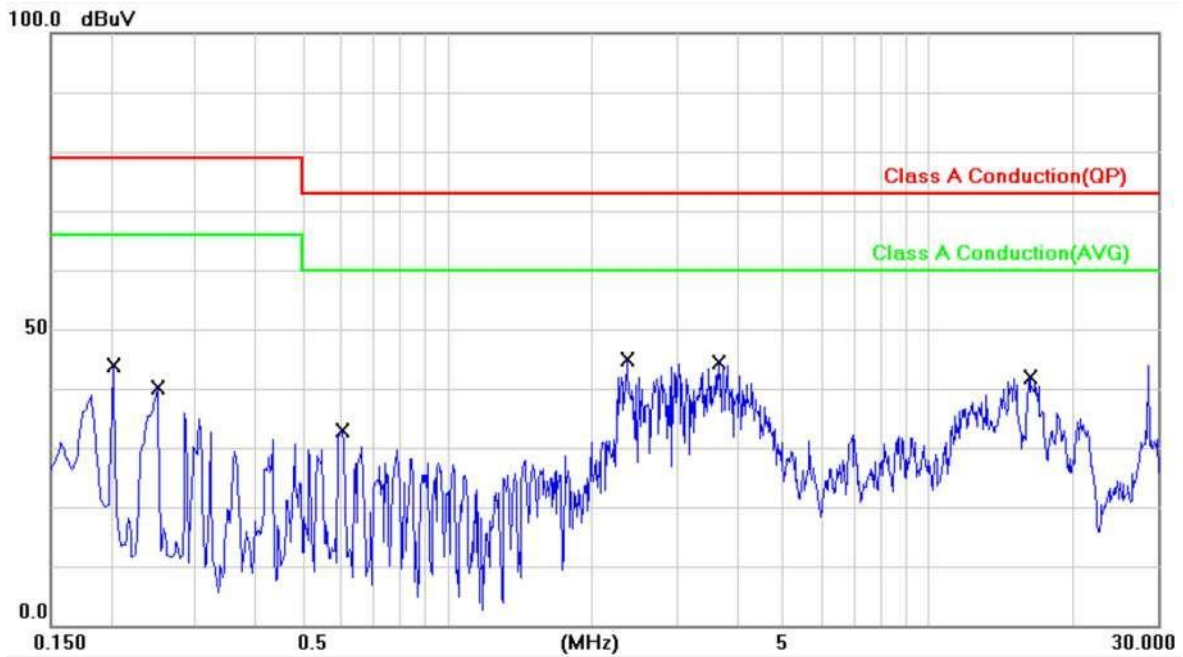


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1900	0.08	40.19	40.27	79.00	-38.73	QP	P
2	0.1900	0.08	27.16	27.24	66.00	-38.76	AVG	P
3	0.2220	0.08	34.88	34.96	79.00	-44.04	QP	P
4	0.2220	0.08	10.57	10.65	66.00	-55.35	AVG	P
5	2.3580	0.21	40.39	40.60	73.00	-32.40	QP	P
6	2.3580	0.21	23.25	23.46	60.00	-36.54	AVG	P
7	2.7420	0.21	38.46	38.67	73.00	-34.33	QP	P
8	2.7420	0.21	23.22	23.43	60.00	-36.57	AVG	P
9	3.6140	0.24	39.07	39.31	73.00	-33.69	QP	P
10	3.6140	0.24	23.73	23.97	60.00	-36.03	AVG	P
11	16.4180	0.55	36.03	36.58	73.00	-36.42	QP	P
12	16.4180	0.55	27.20	27.75	60.00	-32.25	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

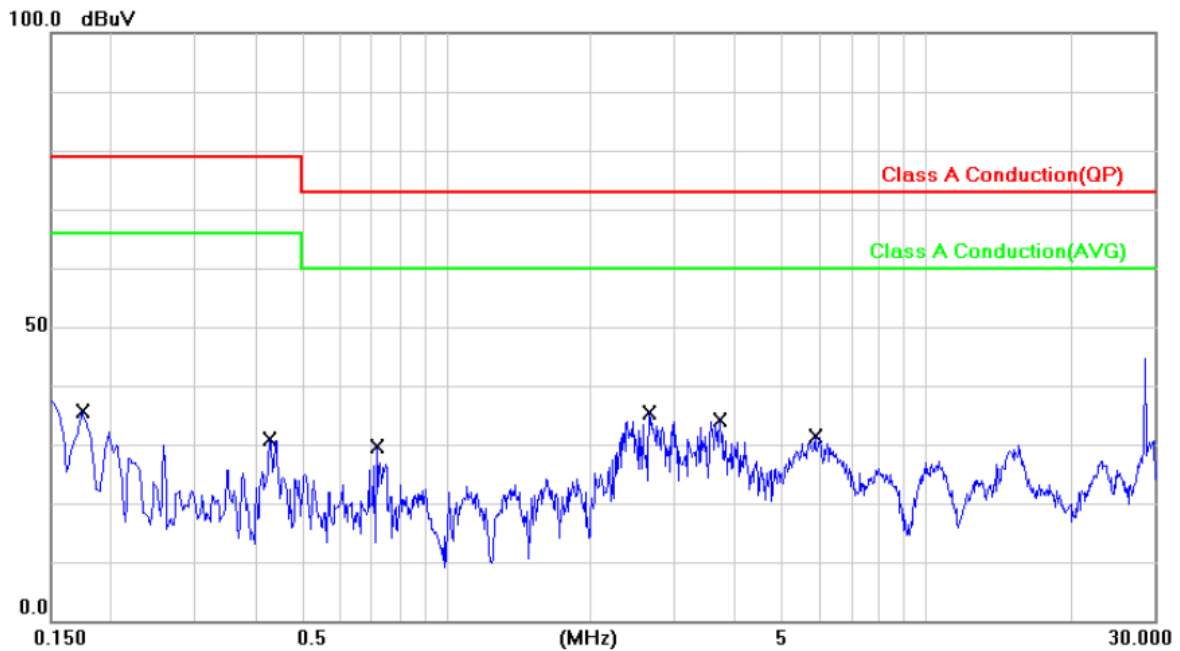


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2020	0.07	37.32	37.39	79.00	-41.61	QP	P
2	0.2020	0.07	14.82	14.89	66.00	-51.11	AVG	P
3	0.2500	0.07	35.00	35.07	79.00	-43.93	QP	P
4	0.2500	0.07	19.09	19.16	66.00	-46.84	AVG	P
5	0.6060	0.10	30.99	31.09	73.00	-41.91	QP	P
6	0.6060	0.10	26.57	26.67	60.00	-33.33	AVG	P
7	2.3660	0.19	40.18	40.37	73.00	-32.63	QP	P
8	2.3660	0.19	22.68	22.87	60.00	-37.13	AVG	P
9	3.6700	0.23	39.36	39.59	73.00	-33.41	QP	P
10	3.6700	0.23	23.62	23.85	60.00	-36.15	AVG	P
11	16.2820	0.55	36.30	36.85	73.00	-36.15	QP	P
12	16.2820	0.55	27.10	27.65	60.00	-32.35	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa

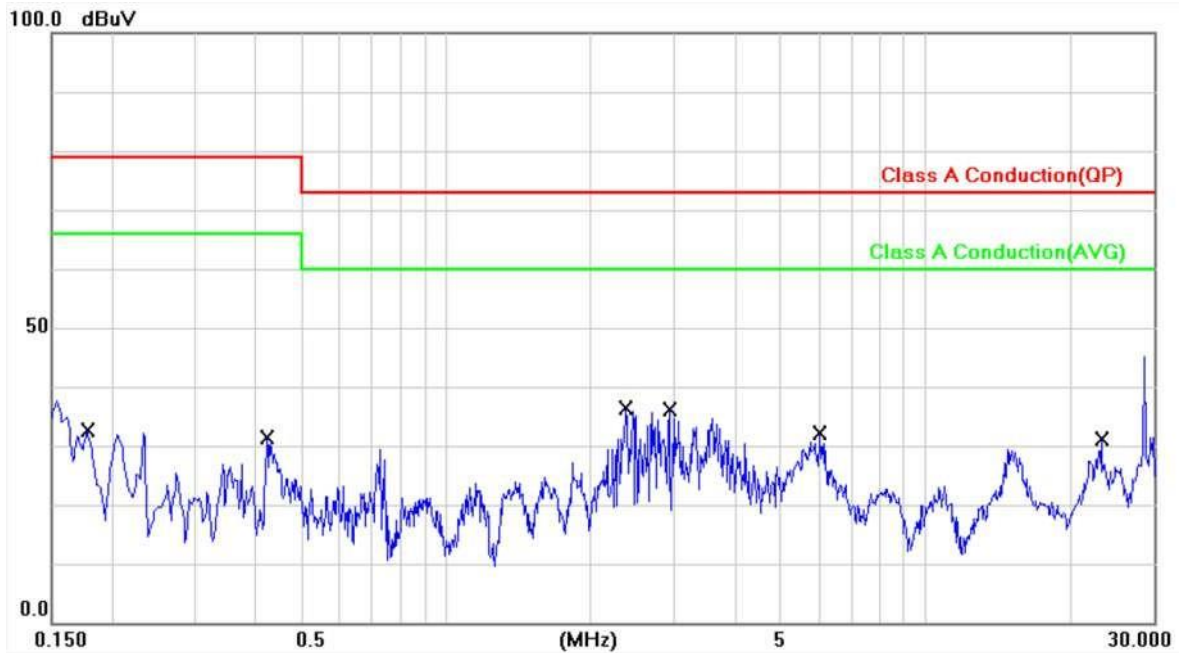


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1740	0.08	33.74	33.82	79.00	-45.18	QP	P
2	0.1740	0.08	27.59	27.67	66.00	-38.33	AVG	P
3	0.4300	0.09	28.84	28.93	79.00	-50.07	QP	P
4	0.4300	0.09	22.11	22.20	66.00	-43.80	AVG	P
5	0.7180	0.11	25.84	25.95	73.00	-47.05	QP	P
6	0.7180	0.11	15.25	15.36	60.00	-44.64	AVG	P
7	2.6580	0.21	30.52	30.73	73.00	-42.27	QP	P
8	2.6580	0.21	18.57	18.78	60.00	-41.22	AVG	P
9	3.7220	0.25	29.40	29.65	73.00	-43.35	QP	P
10	3.7220	0.25	15.68	15.93	60.00	-44.07	AVG	P
11	5.8940	0.31	26.51	26.82	73.00	-46.18	QP	P
12	5.8940	0.31	20.21	20.52	60.00	-39.48	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 18, 2014	Humidity	: 54 %
Memo	:	Atmospheric Pressure	: 987 hpa



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1780	0.07	34.81	34.88	79.00	-44.12	QP	P
2	0.1780	0.07	28.15	28.22	66.00	-37.78	AVG	P
3	0.4220	0.09	30.68	30.77	79.00	-48.23	QP	P
4	0.4220	0.09	23.37	23.46	66.00	-42.54	AVG	P
5	2.3740	0.19	30.95	31.14	73.00	-41.86	QP	P
6	2.3740	0.19	20.63	20.82	60.00	-39.18	AVG	P
7	2.9219	0.21	29.75	29.96	73.00	-43.04	QP	P
8	2.9219	0.21	19.00	19.21	60.00	-40.79	AVG	P
9	6.0380	0.30	26.04	26.34	73.00	-46.66	QP	P
10	6.0380	0.30	19.51	19.81	60.00	-40.19	AVG	P
11	23.3740	0.68	23.14	23.82	73.00	-49.18	QP	P
12	23.3740	0.68	17.72	18.40	60.00	-41.60	AVG	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = (LISN or ISN or PLC or Current Probe) Factor + Cable Loss + Attenuator

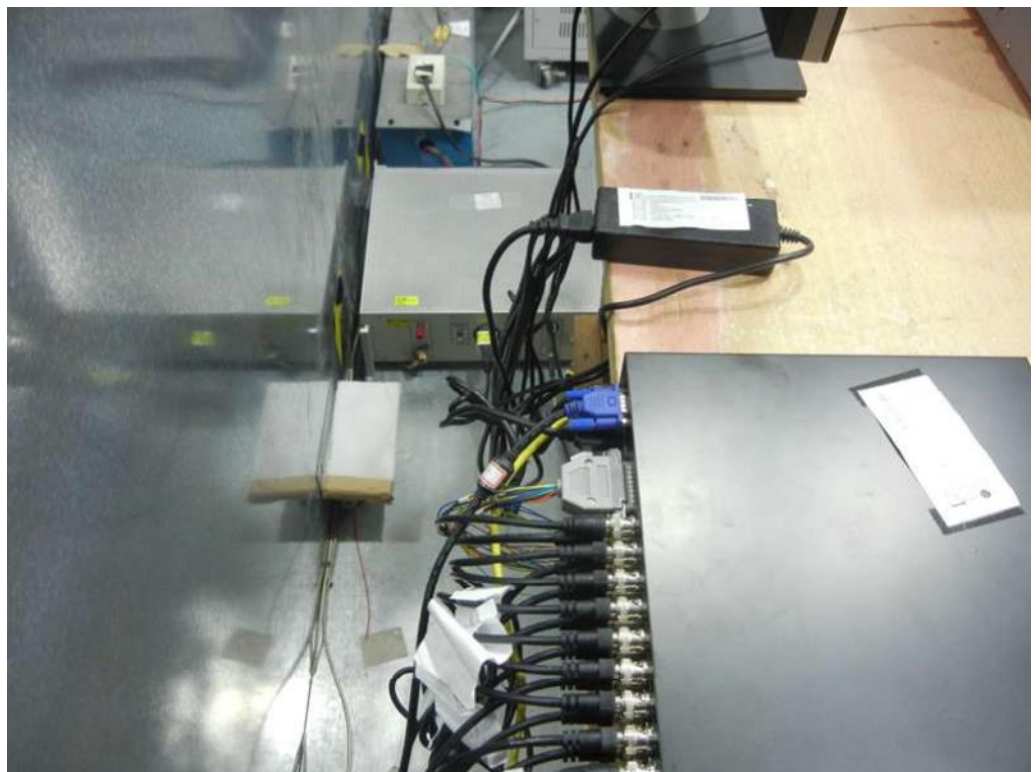
Test engineer: Smith



3.6. Test Photographs



Front View



Rear View



4. Test of Radiated Emission

4.1. Test Limit

The EUT was placed on a nonmetallic stand in the open-field site, 0.8 meter above the ground plane, as shown in section 2.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

For unintentional device, according to § 15.109(b), for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 10 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated (μ V / M)	Radiated (dB μ V / M)
30-88	10	90	39.0
88-216	10	150	43.5
216-960	10	210	46.4
Above 960	10	300	49.5

For unintentional device, according to CISPR PUB.22, for Class A digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB μ V / M)
30-230	10	40
230-1000	10	47

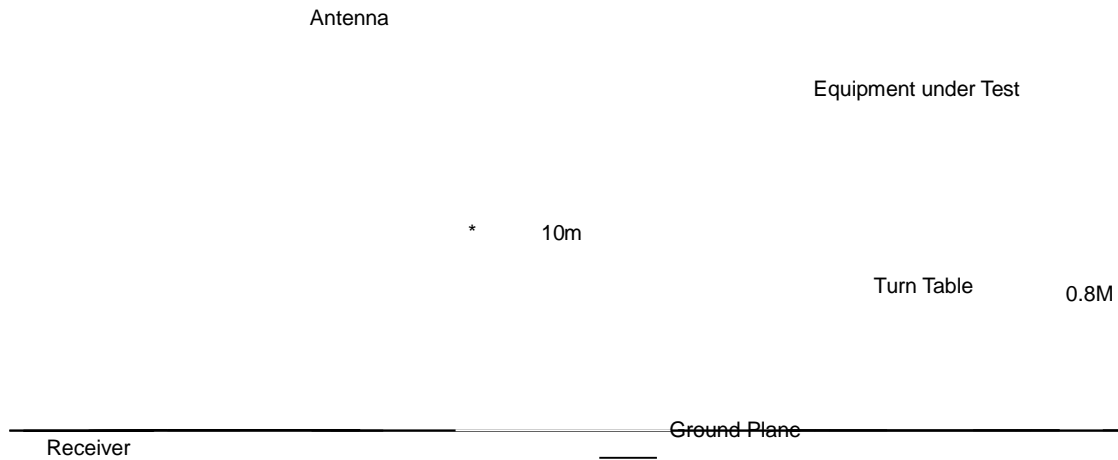
4.2. Test Procedures

- The EUT was placed on a Rota table top 0.8 meter above ground.
- The EUT was set 3/10 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a half wave dipole and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 6 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 6 dB margin will be repeated one by one using the quasi-peak method and reported.

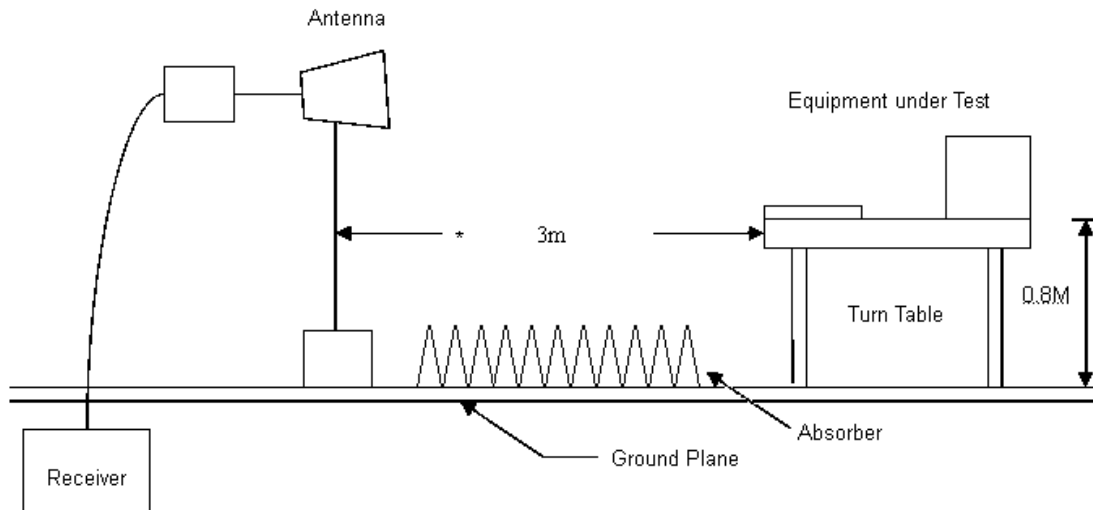


4.3. Typical test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



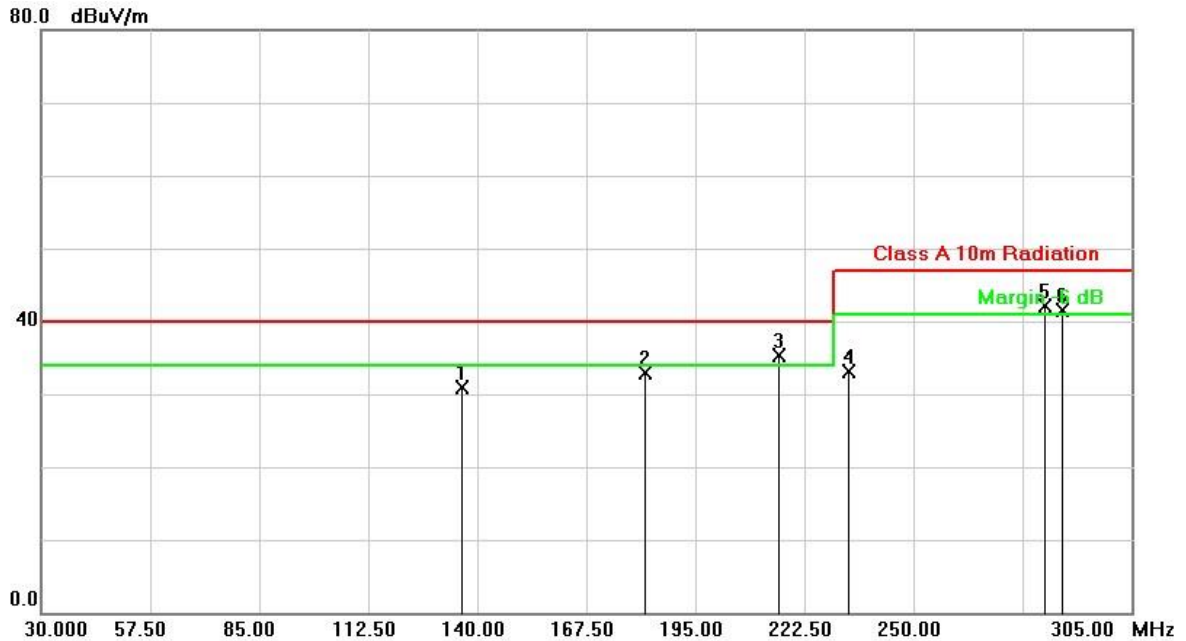
4.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Bilog Antenna	Sciences Corporation	JB1	A080713	2013/08/22	2014/08/21
Amplifier	AGILENT	8447D	2944A10531	2013/09/24	2014/09/23
EMI Receiver	R&S	ESCI	101200	2013/09/07	2014/09/06
EMI Test Receiver	R&S	ESU 40	13054416-001	2013/09/24	2014/09/23
Amplifier	HP	8449B	13052901-001	2014/01/15	2015/01/14
Double Ridged Antenna	EMCO	3115	43057302-002	2013/04/29	2014/04/28



4.5. Test Result and Data (30MHz~1GHz)

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

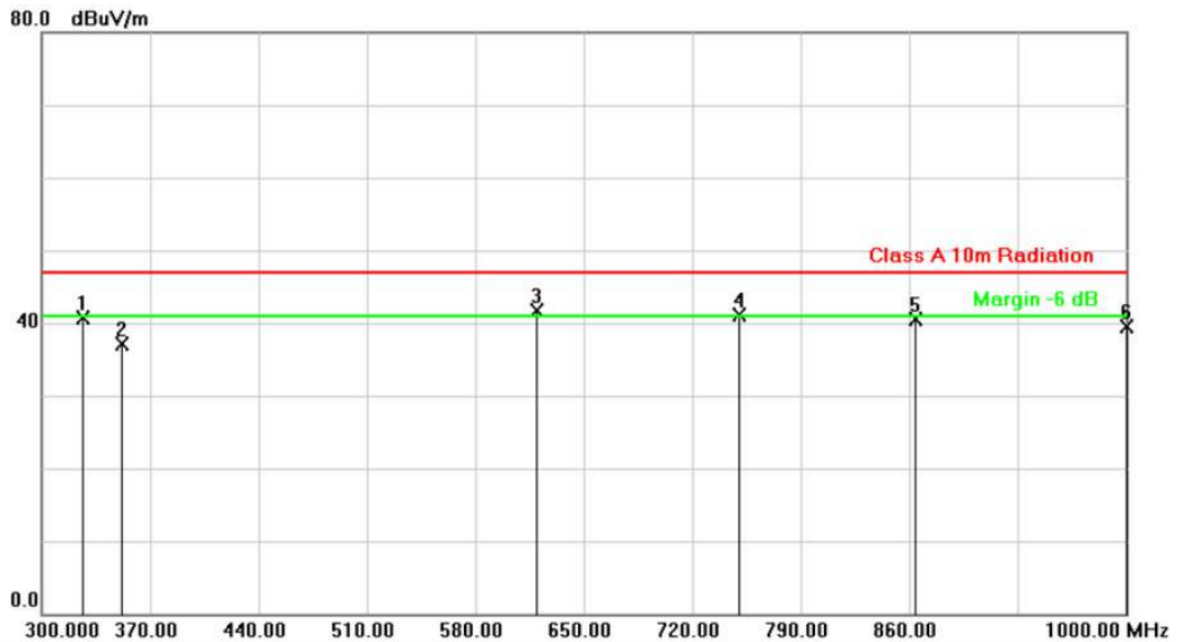


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	136.1500	-13.29	44.21	30.92	40.00	-9.08	QP	400	0	P
2	182.3499	-14.85	47.75	32.90	40.00	-7.10	QP	400	0	P
3	216.1750	-15.44	50.67	35.23	40.00	-4.77	QP	400	0	P
4	233.5000	-14.59	47.79	33.20	47.00	-13.80	QP	400	0	P
5	283.0000	-12.10	54.27	42.17	47.00	-4.83	QP	400	0	P
6	287.6750	-12.11	53.67	41.56	47.00	-5.44	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	326.6000	-11.53	52.19	40.66	47.00	-6.34	QP	100	0	P
2	351.8000	-11.11	48.28	37.17	47.00	-9.83	QP	100	0	P
3	619.8999	-6.44	48.10	41.66	47.00	-5.34	QP	100	0	P
4	750.1000	-4.17	45.30	41.13	47.00	-5.87	QP	100	0	P
5	864.2000	-2.45	42.89	40.44	47.00	-6.56	QP	100	0	P
6	1000.0000	-0.41	39.96	39.55	47.00	-7.45	QP	100	0	P

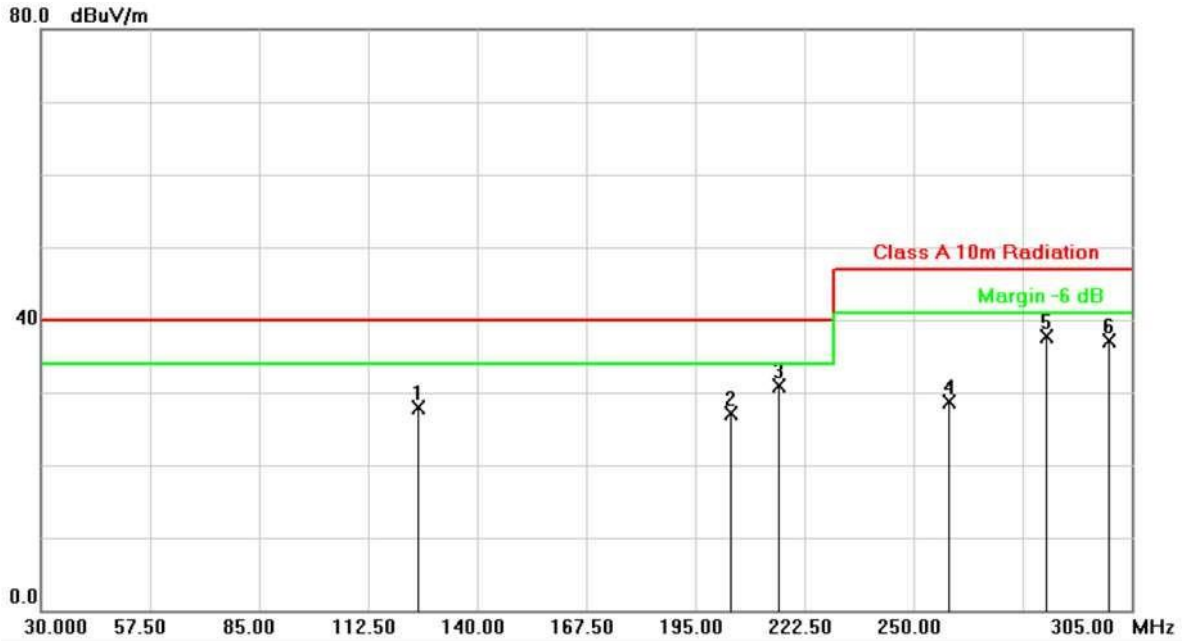
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

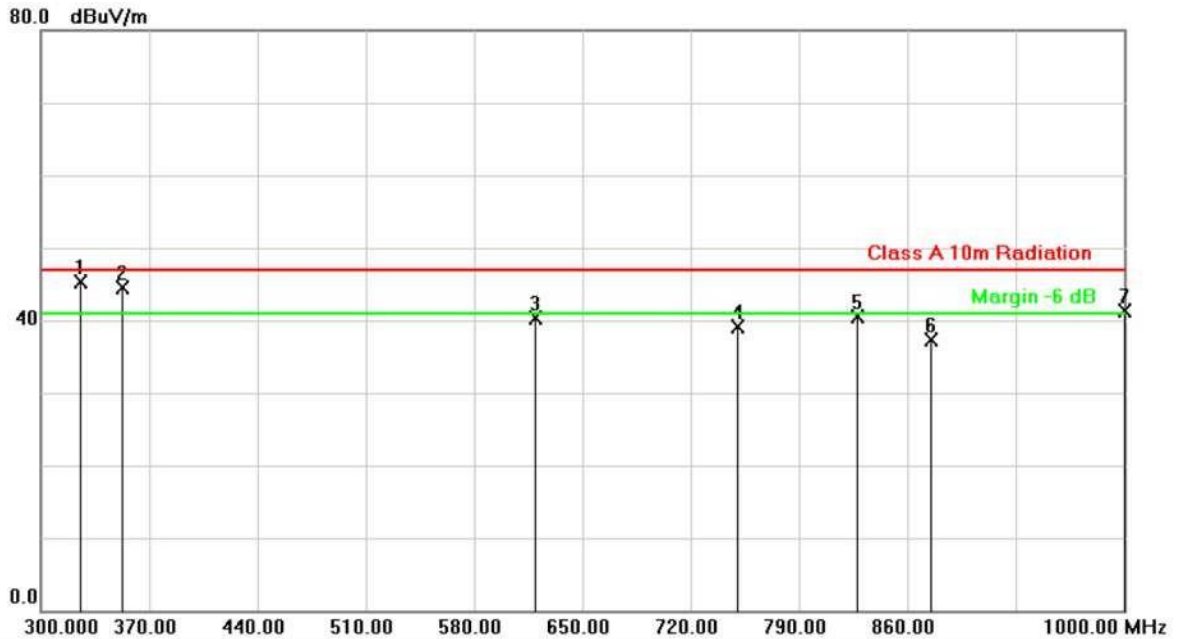


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	125.1500	-12.77	40.73	27.96	40.00	-12.04	QP	400	0	P
2	204.0749	-14.73	41.90	27.17	40.00	-12.83	QP	400	0	P
3	216.1750	-15.44	46.33	30.89	40.00	-9.11	QP	400	0	P
4	259.0749	-13.51	42.17	28.66	47.00	-18.34	QP	400	0	P
5	283.5500	-12.11	49.86	37.75	47.00	-9.25	QP	400	0	P
6	299.2250	-12.12	49.32	37.20	47.00	-9.80	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

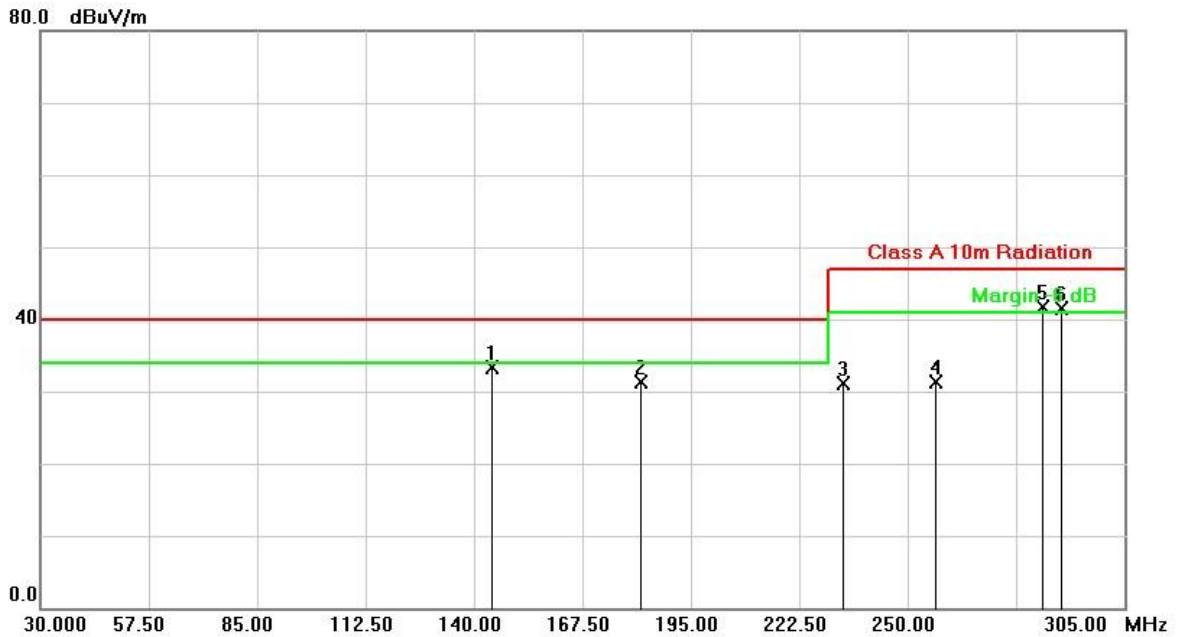


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	325.8999	-11.53	56.89	45.36	47.00	-1.64	QP	133	136	P
2	352.5000	-11.09	55.55	44.46	47.00	-2.54	QP	100	224	P
3	619.8999	-6.44	46.75	40.31	47.00	-6.69	QP	100	0	P
4	750.1000	-4.17	43.26	39.09	47.00	-7.91	QP	100	0	P
5	827.7999	-3.53	44.10	40.57	47.00	-6.43	QP	100	0	P
6	875.4000	-2.14	39.49	37.35	47.00	-9.65	QP	100	0	P
7	1000.0000	-0.41	41.72	41.31	47.00	-5.69	QP	100	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

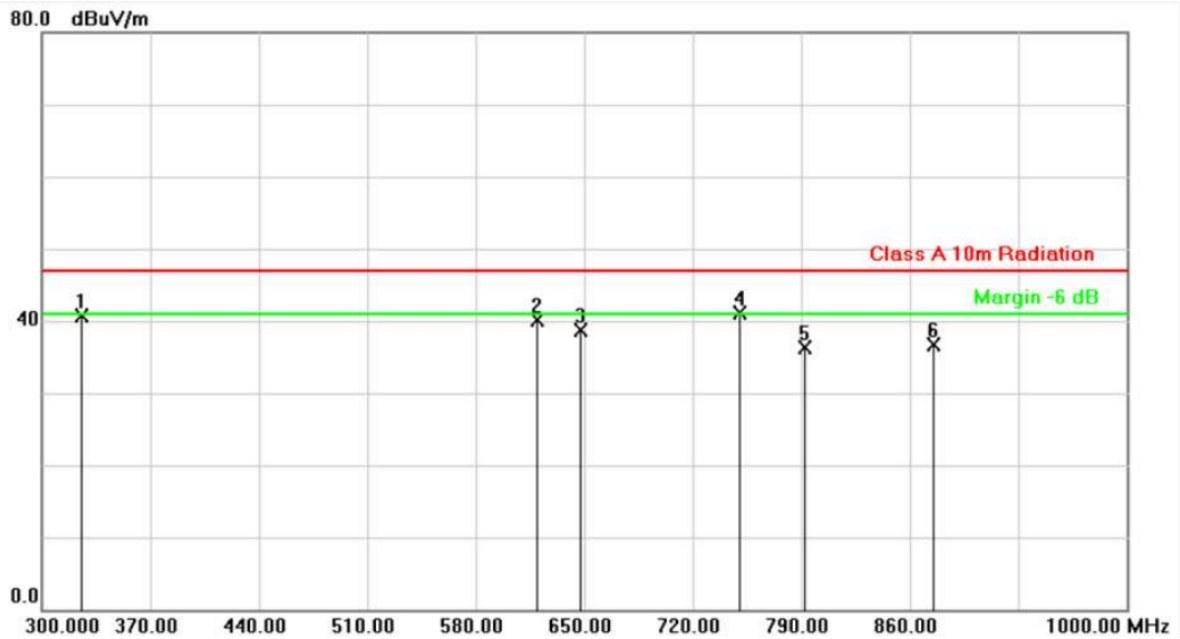


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	144.4000	-13.93	47.24	33.31	40.00	-6.69	QP	400	0	P
2	182.3497	-14.85	46.25	31.40	40.00	-8.60	QP	400	0	P
3	233.5000	-14.59	45.79	31.20	47.00	-15.80	QP	400	0	P
4	257.1499	-13.79	45.14	31.35	47.00	-15.65	QP	400	0	P
5	284.1099	-12.11	53.72	41.61	47.00	-5.39	QP	400	0	P
6	289.0000	-12.10	53.55	41.45	47.00	-5.55	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	325.6600	-11.51	52.17	40.66	47.00	-6.34	QP	100	0	P
2	619.8999	-6.44	46.60	40.16	47.00	-6.84	QP	100	0	P
3	647.5200	-6.03	44.72	38.69	47.00	-8.31	QP	100	0	P
4	750.1000	-4.17	45.30	41.13	47.00	-5.87	QP	100	0	P
5	792.1000	-3.56	39.89	36.33	47.00	-10.67	QP	100	0	P
6	875.3999	-2.14	38.92	36.78	47.00	-10.22	QP	100	0	P

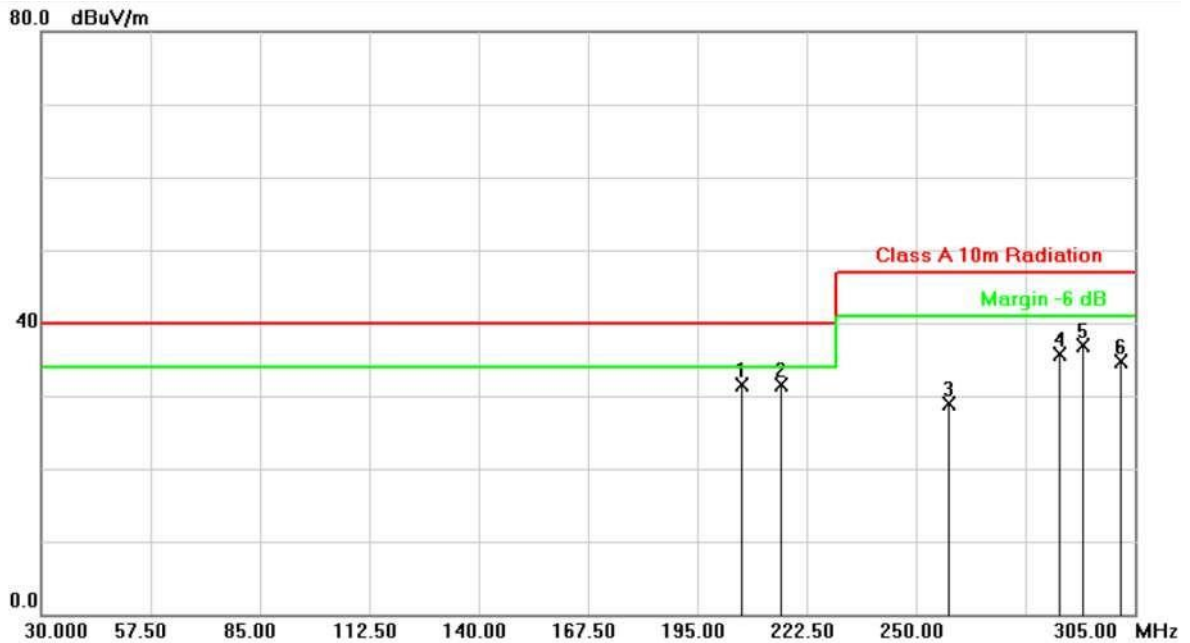
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

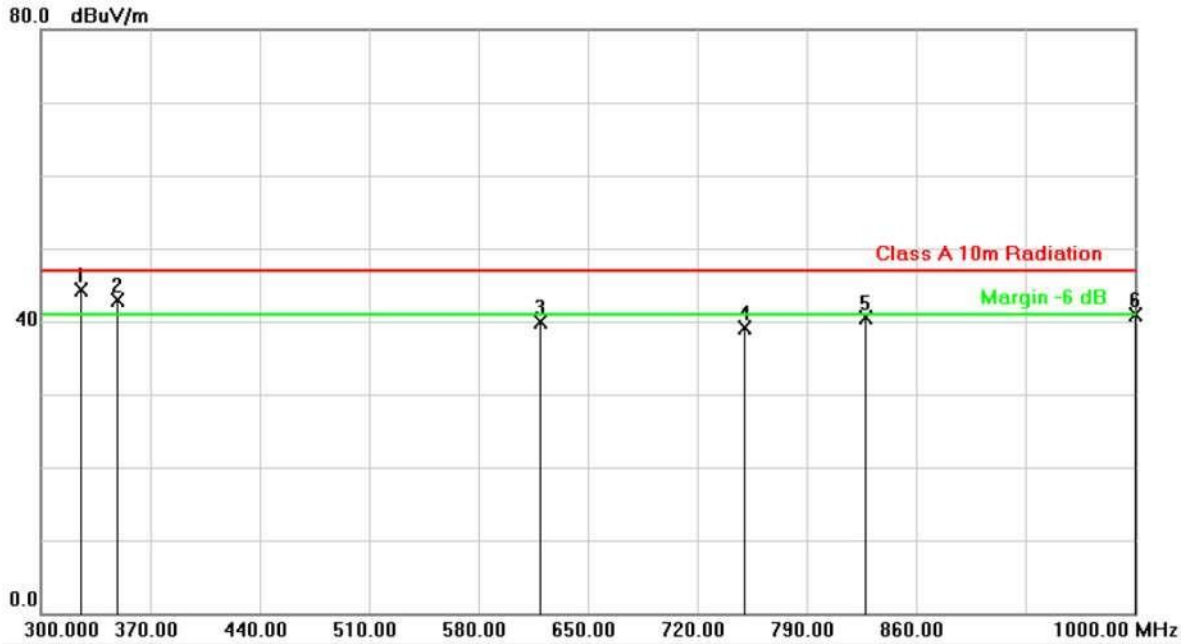


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	206.2750	-15.19	46.71	31.52	40.00	-8.48	QP	400	0	P
2	216.1750	-15.44	46.96	31.52	40.00	-8.48	QP	400	0	P
3	258.2500	-13.64	42.64	29.00	47.00	-18.00	QP	400	0	P
4	286.0249	-12.12	47.74	35.62	47.00	-11.38	QP	400	0	P
5	292.0749	-12.12	49.05	36.93	47.00	-10.07	QP	400	0	P
6	301.6999	-12.09	46.73	34.64	47.00	-12.36	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	325.8999	-11.53	55.82	44.29	47.00	-2.71	QP	100	252	P
2	349.0000	-11.21	54.12	42.91	47.00	-4.09	QP	100	114	P
3	619.8999	-6.44	46.25	39.81	47.00	-7.19	QP	100	0	P
4	750.1000	-4.17	43.26	39.09	47.00	-7.91	QP	100	0	P
5	827.7998	-3.53	44.10	40.57	47.00	-6.43	QP	100	0	P
6	1000.0000	-0.41	41.22	40.81	47.00	-6.19	QP	100	0	P

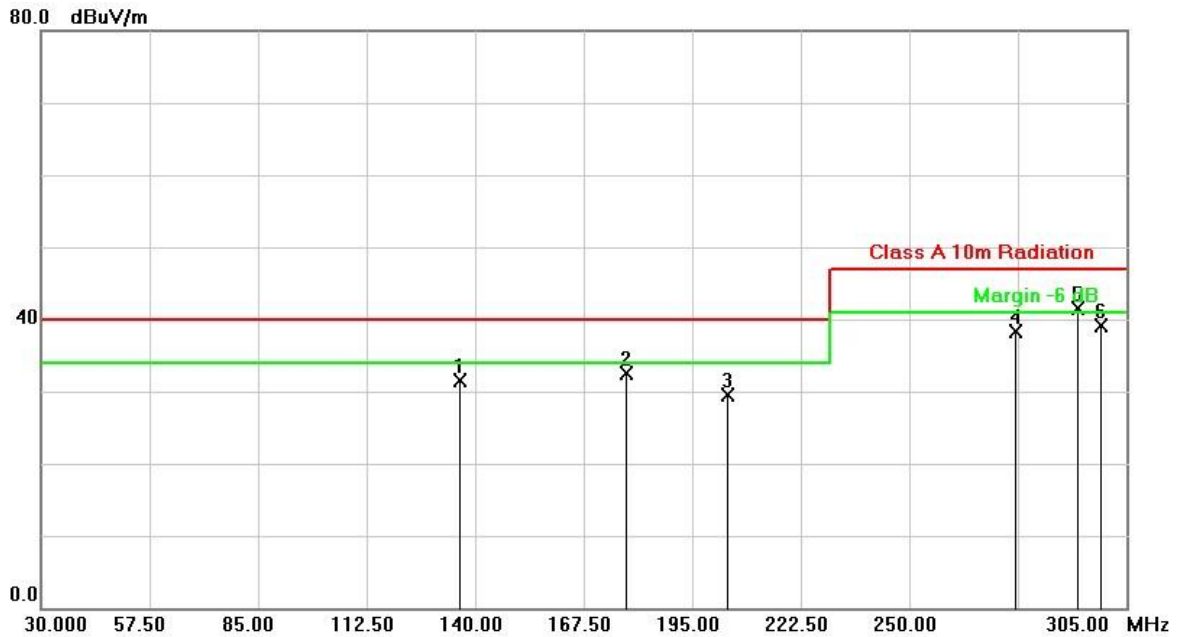
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

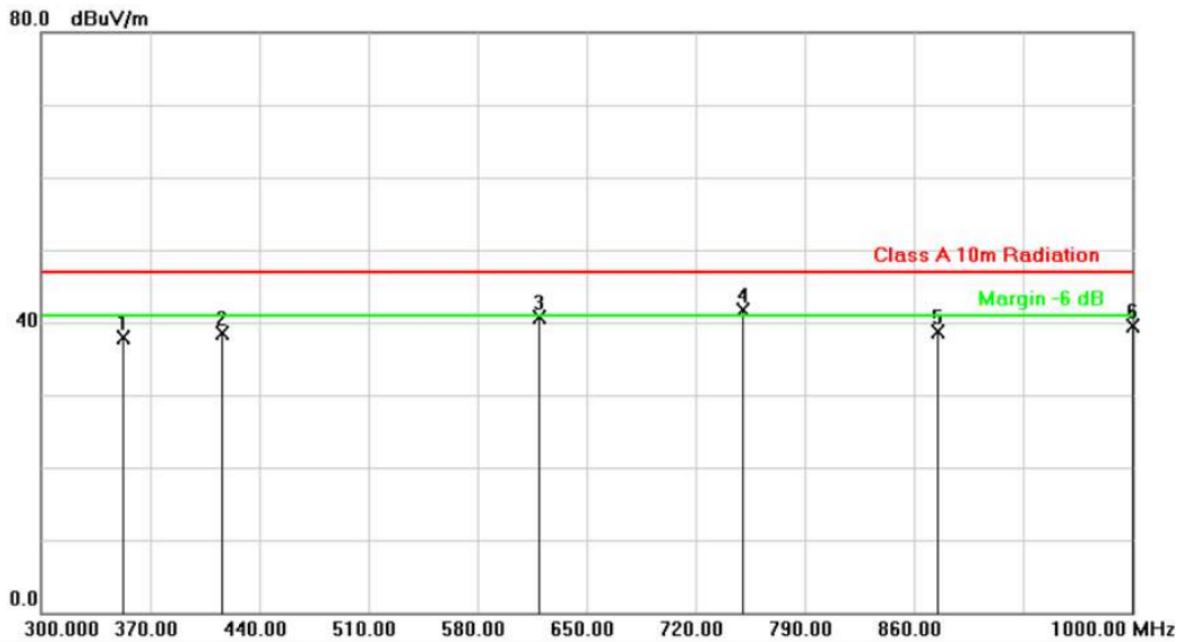


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	136.1500	-13.29	44.71	31.42	40.00	-8.58	QP	400	0	P
2	178.2247	-14.82	47.27	32.45	40.00	-7.55	QP	400	0	P
3	204.0749	-14.73	44.16	29.43	40.00	-10.57	QP	400	0	P
4	276.9499	-12.14	50.50	38.36	47.00	-8.64	QP	400	0	P
5	292.8999	-12.14	53.69	41.55	47.00	-5.45	QP	400	0	P
6	298.6750	-12.13	51.17	39.04	47.00	-7.96	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	352.5000	-11.09	48.95	37.86	47.00	-9.14	QP	100	0	P
2	416.1999	-9.87	48.47	38.60	47.00	-8.40	QP	100	0	P
3	619.8999	-6.44	47.10	40.66	47.00	-6.34	QP	100	0	P
4	750.1000	-4.17	45.80	41.63	47.00	-5.37	QP	100	0	P
5	875.3999	-2.14	40.92	38.78	47.00	-8.22	QP	100	0	P
6	1000.0000	-0.41	39.96	39.55	47.00	-7.45	QP	100	0	P

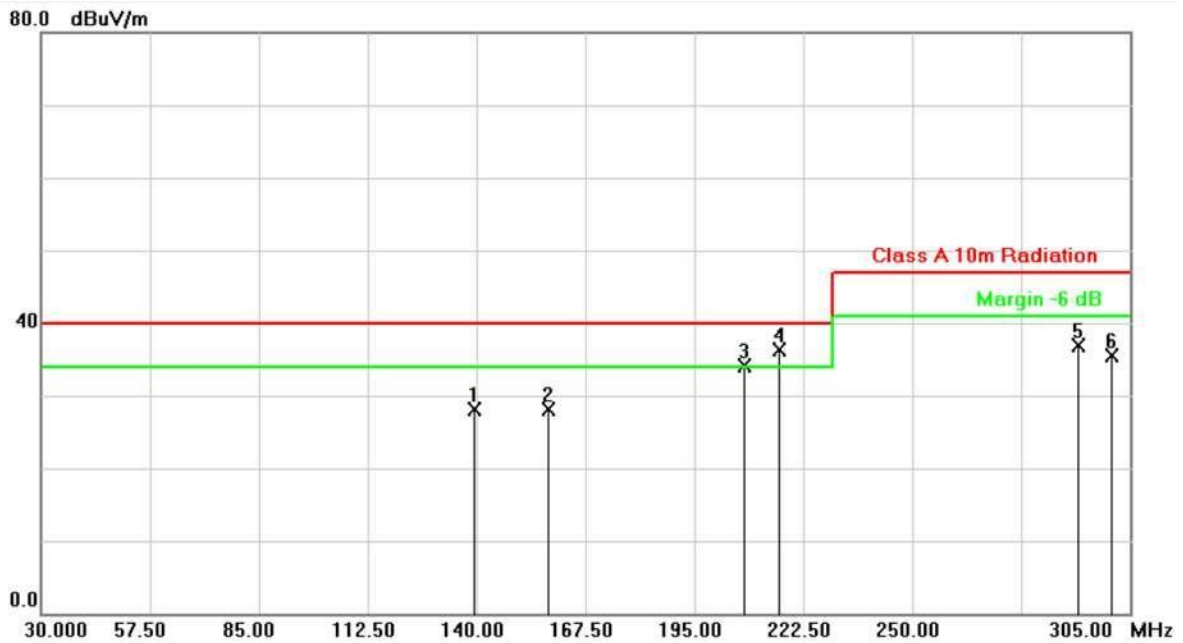
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	139.4499	-13.57	41.69	28.12	40.00	-11.88	QP	400	0	P
2	158.1500	-14.24	42.44	28.20	40.00	-11.80	QP	400	0	P
3	207.6500	-15.35	49.53	34.18	40.00	-5.82	QP	400	0	P
4	216.3830	-15.43	51.82	36.39	40.00	-3.61	QP	400	225	P
5	292.0749	-12.12	49.05	36.93	47.00	-10.07	QP	400	0	P
6	300.3249	-12.11	47.61	35.50	47.00	-11.50	QP	400	0	P

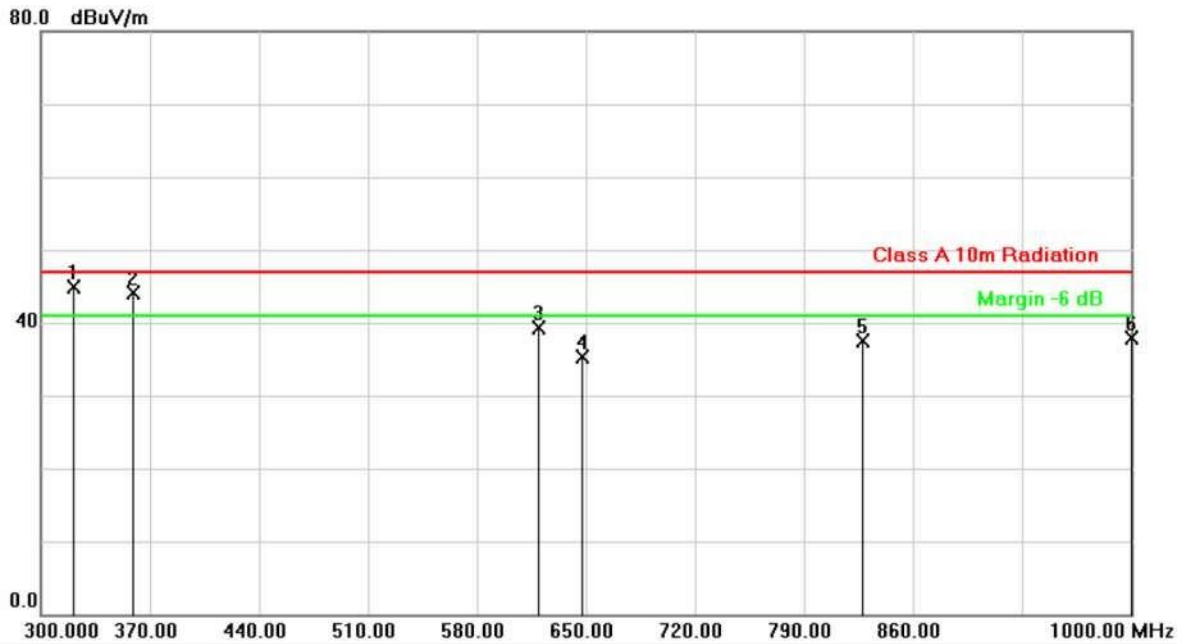
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

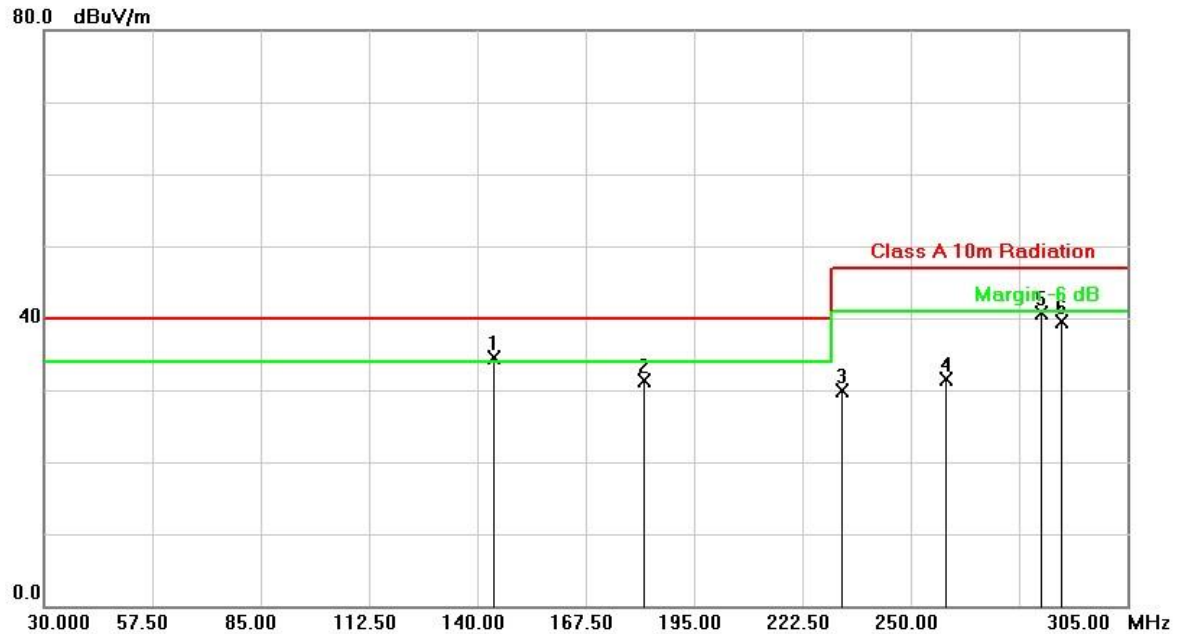


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	321.0000	-11.65	56.60	44.95	47.00	-2.05	QP	131	272	P
2	358.8000	-10.87	55.06	44.19	47.00	-2.81	QP	152	320	P
3	619.8999	-6.44	45.75	39.31	47.00	-7.69	QP	100	0	P
4	647.8999	-6.03	41.36	35.33	47.00	-11.67	QP	100	0	P
5	827.7998	-3.53	41.10	37.57	47.00	-9.43	QP	100	0	P
6	1000.0000	-0.41	38.22	37.81	47.00	-9.19	QP	100	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa

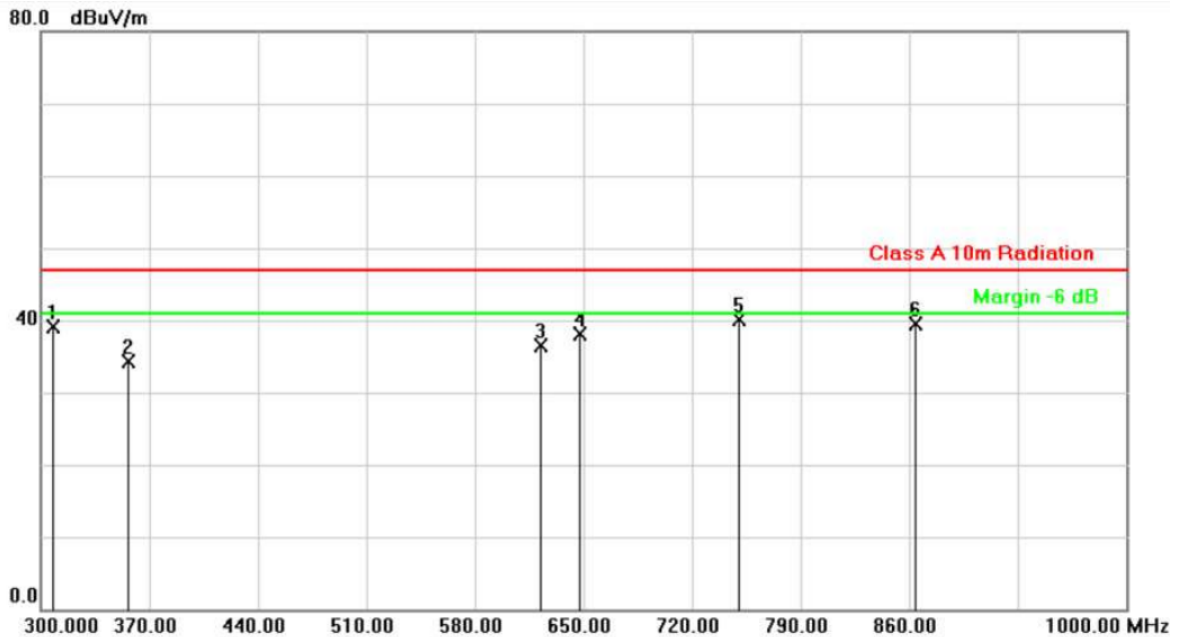


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	144.2800	-13.92	48.50	34.58	40.00	-5.42	QP	400	0	P
2	182.3497	-14.85	46.25	31.40	40.00	-8.60	QP	400	0	P
3	232.4000	-14.63	44.52	29.89	47.00	-17.11	QP	400	0	P
4	259.0749	-13.51	44.92	31.41	47.00	-15.59	QP	400	0	P
5	283.0000	-12.10	52.71	40.61	47.00	-6.39	QP	400	0	P
6	288.2250	-12.11	51.56	39.45	47.00	-7.55	QP	400	0	P

Note: Level = Reading + Factor
 Margin = Level – Limit
 Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	308.3999	-11.90	51.08	39.18	47.00	-7.82	QP	100	0	P
2	356.6999	-10.94	45.29	34.35	47.00	-12.65	QP	100	0	P
3	622.7000	-6.38	42.86	36.48	47.00	-10.52	QP	100	0	P
4	647.8999	-6.03	44.22	38.19	47.00	-8.81	QP	100	0	P
5	750.1000	-4.17	44.30	40.13	47.00	-6.87	QP	100	0	P
6	864.2000	-2.45	41.89	39.44	47.00	-7.56	QP	100	0	P

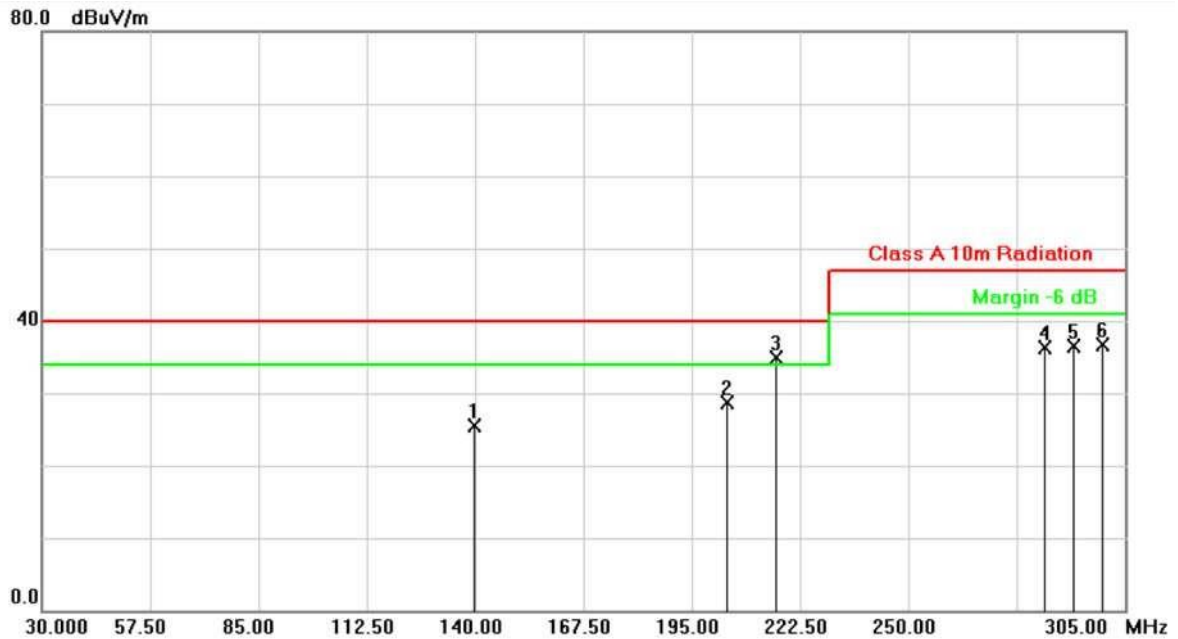
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = Antenna Factor + Cable Loss – Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	139.7247	-13.60	39.02	25.42	40.00	-14.58	QP	400	0	P
2	204.0749	-14.73	43.40	28.67	40.00	-11.33	QP	400	0	P
3	216.3300	-15.43	50.28	34.85	40.00	-5.15	QP	400	0	P
4	284.6499	-12.12	48.44	36.32	47.00	-10.68	QP	400	0	P
5	292.0749	-12.12	48.55	36.43	47.00	-10.57	QP	400	0	P
6	299.2250	-12.12	48.82	36.70	47.00	-10.30	QP	400	0	P

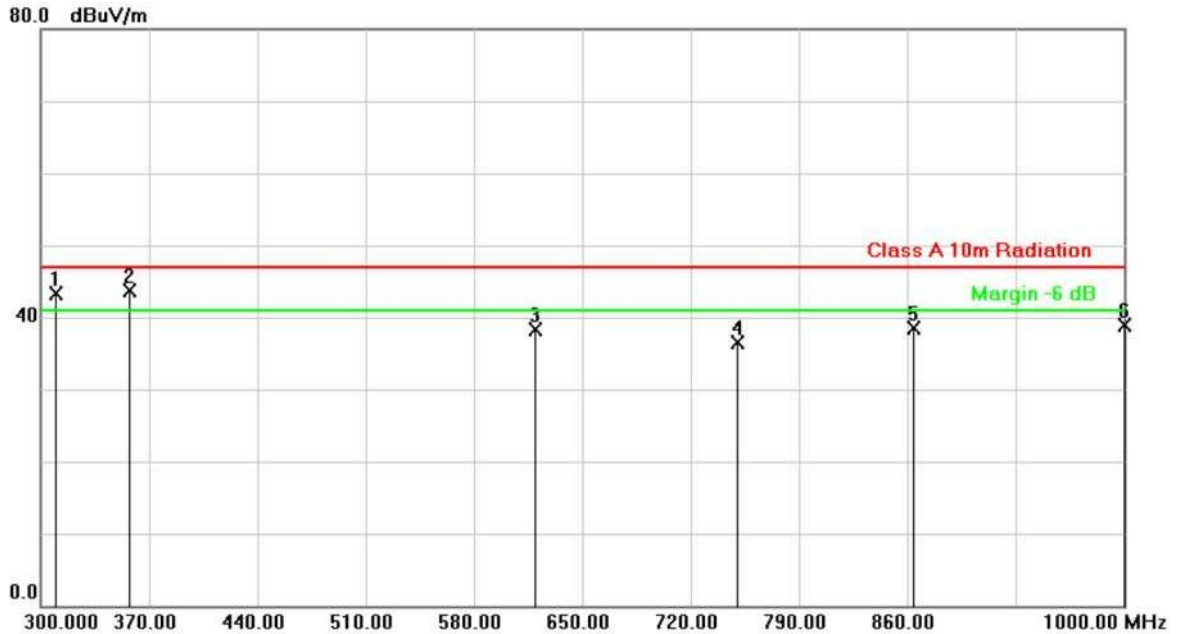
Note: Level = Reading + Factor

Margin = Level - Limit

Factor = Antenna Factor + Cable Loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE90E-S2-1	Temperature	: 26 °C
Test Date	: Mar. 12, 2014	Humidity	: 70 %
Memo	:	Atmospheric Pressure	: 1001 hpa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	309.8000	-11.86	55.19	43.33	47.00	-3.67	QP	273	259	P
2	357.3999	-10.92	54.56	43.64	47.00	-3.36	QP	135	117	P
3	619.8999	-6.44	44.75	38.31	47.00	-8.69	QP	100	0	P
4	750.1000	-4.17	40.76	36.59	47.00	-10.41	QP	100	0	P
5	864.2000	-2.45	40.90	38.45	47.00	-8.55	QP	100	0	P
6	1000.0000	-0.41	39.22	38.81	47.00	-8.19	QP	100	0	P

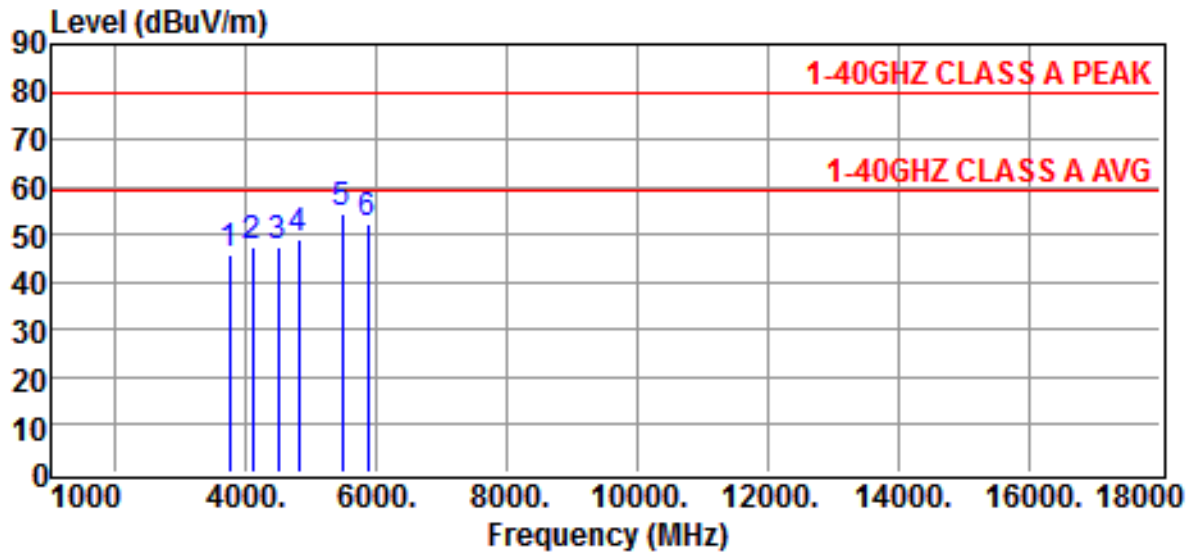
Note: Level = Reading + Factor
Margin = Level – Limit
Factor = Antenna Factor + Cable Loss – Amplifier Factor

Test engineer: Ken



4.6. Test Result and Data (1GHz ~ 18GHz)

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



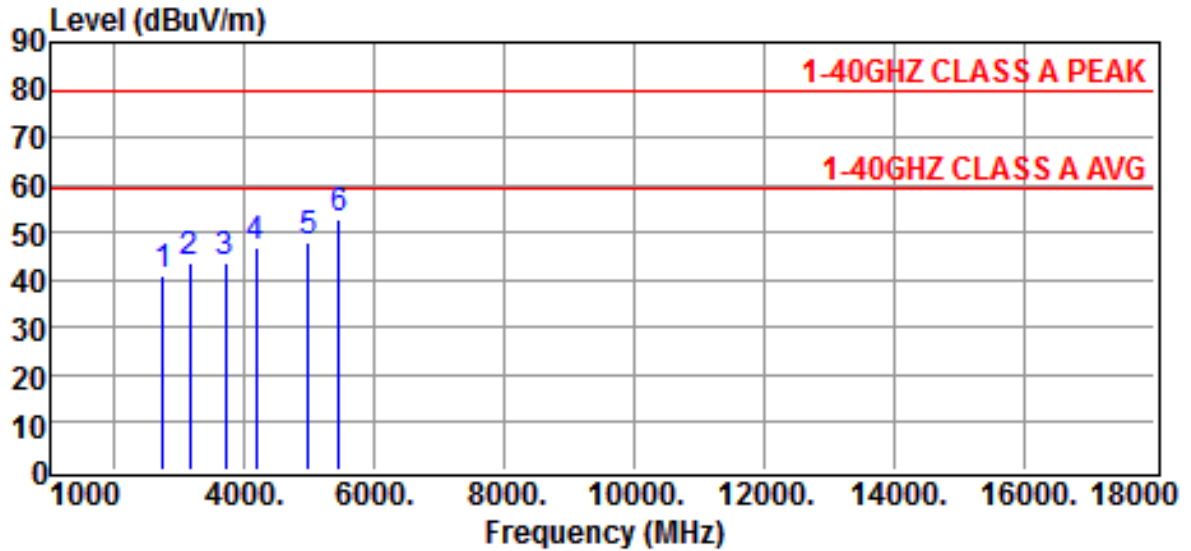
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
3730.0000	46.7	-0.9	45.8	79.5	-33.7	Peak
4090.0000	47.5	0.1	47.6	79.5	-31.9	Peak
4480.0000	47.0	0.4	47.4	79.5	-32.1	Peak
4800.0000	47.8	1.4	49.2	79.5	-30.3	Peak
5470.0000	51.2	3.0	54.2	79.5	-25.3	Peak
5860.0000	49.1	3.3	52.4	79.5	-27.1	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



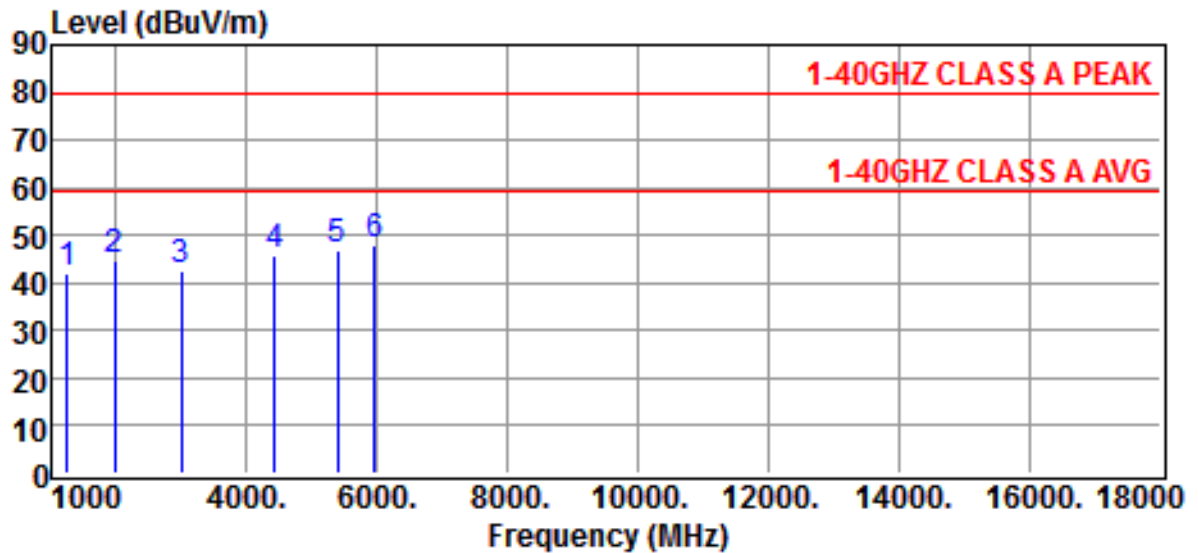
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
2740.0000	45.5	-4.5	41.0	79.5	-38.5	Peak
3150.0000	46.5	-3.0	43.5	79.5	-36.0	Peak
3700.0000	44.7	-1.1	43.6	79.5	-35.9	Peak
4180.0000	46.7	0.2	46.9	79.5	-32.6	Peak
4980.0000	46.1	1.9	48.0	79.5	-31.5	Peak
5450.0000	50.1	2.9	53.0	79.5	-26.5	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



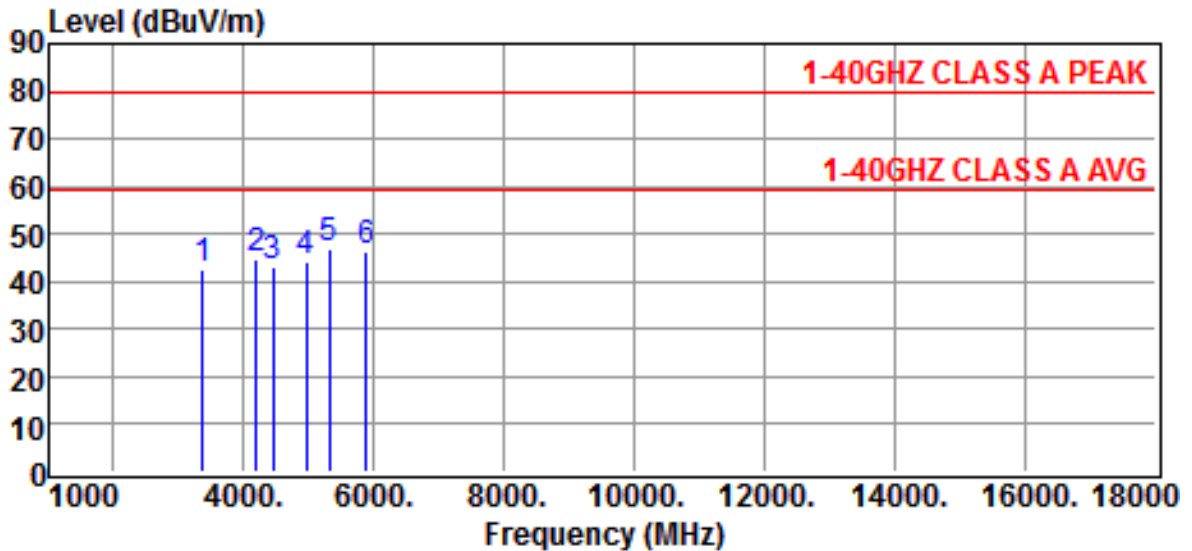
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
1250.0000	52.9	-11.0	41.9	79.5	-37.6	Peak
1970.0000	52.0	-7.0	45.0	79.5	-34.5	Peak
2990.0000	46.1	-3.5	42.6	79.5	-36.9	Peak
4420.0000	45.3	0.3	45.6	79.5	-33.9	Peak
5390.0000	44.3	2.6	46.9	79.5	-32.6	Peak
5960.0000	44.2	3.6	47.8	79.5	-31.7	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: VGA + HDMI 1080P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



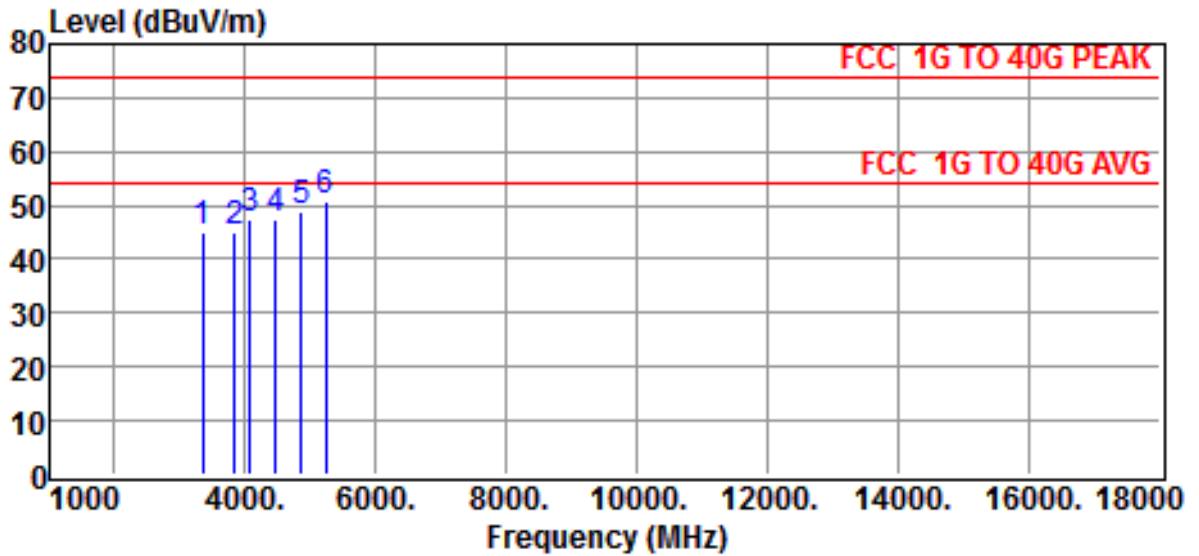
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
3360.0000	45.0	-2.4	42.6	79.5	-36.9	Peak
4190.0000	44.4	0.2	44.6	79.5	-34.9	Peak
4450.0000	42.8	0.3	43.1	79.5	-36.4	Peak
4950.0000	42.4	1.7	44.1	79.5	-35.4	Peak
5300.0000	44.2	2.5	46.7	79.5	-32.8	Peak
5870.0000	43.1	3.3	46.4	79.5	-33.1	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



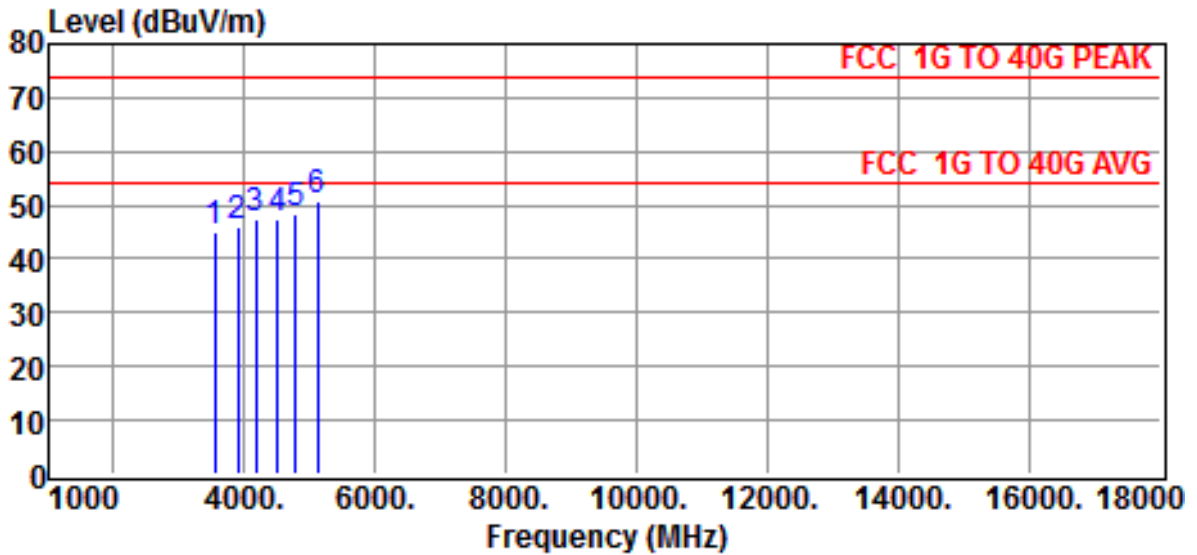
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
3350.0000	47.5	-2.4	45.1	74.0	-28.9	Peak
3830.0000	45.9	-0.7	45.2	74.0	-28.8	Peak
4070.0000	47.4	0.1	47.5	74.0	-26.5	Peak
4460.0000	47.1	0.4	47.5	74.0	-26.5	Peak
4850.0000	47.6	1.4	49.0	74.0	-25.0	Peak
5240.0000	48.2	2.4	50.6	74.0	-23.4	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



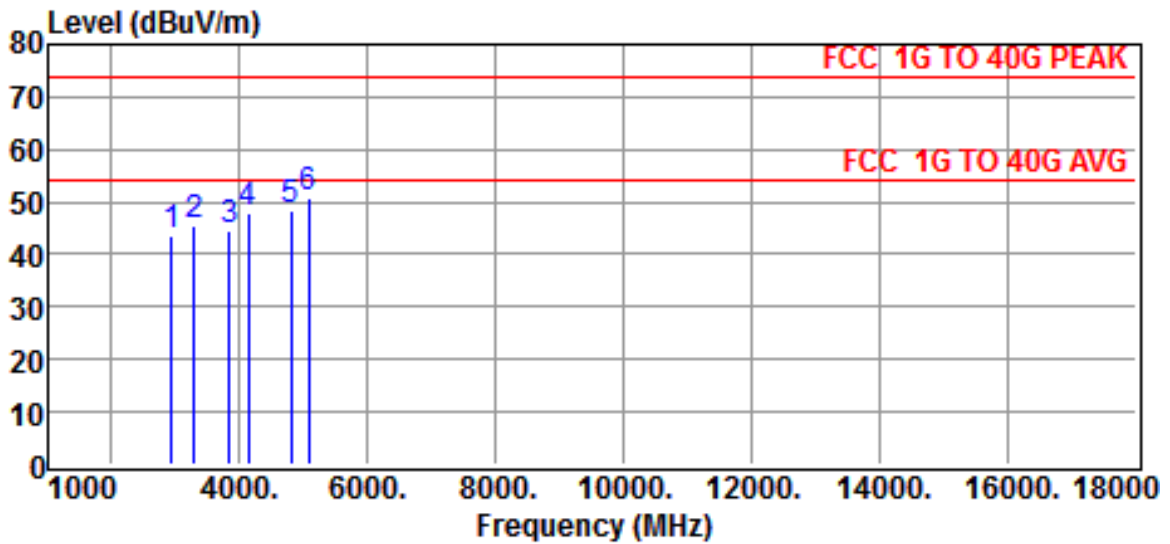
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
3550.0000	46.8	-1.8	45.0	74.0	-29.0	Peak
3890.0000	46.6	-0.4	46.2	74.0	-27.8	Peak
4170.0000	47.2	0.2	47.4	74.0	-26.6	Peak
4510.0000	46.9	0.4	47.3	74.0	-26.7	Peak
4770.0000	47.3	1.2	48.5	74.0	-25.5	Peak
5120.0000	48.8	2.1	50.9	74.0	-23.1	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



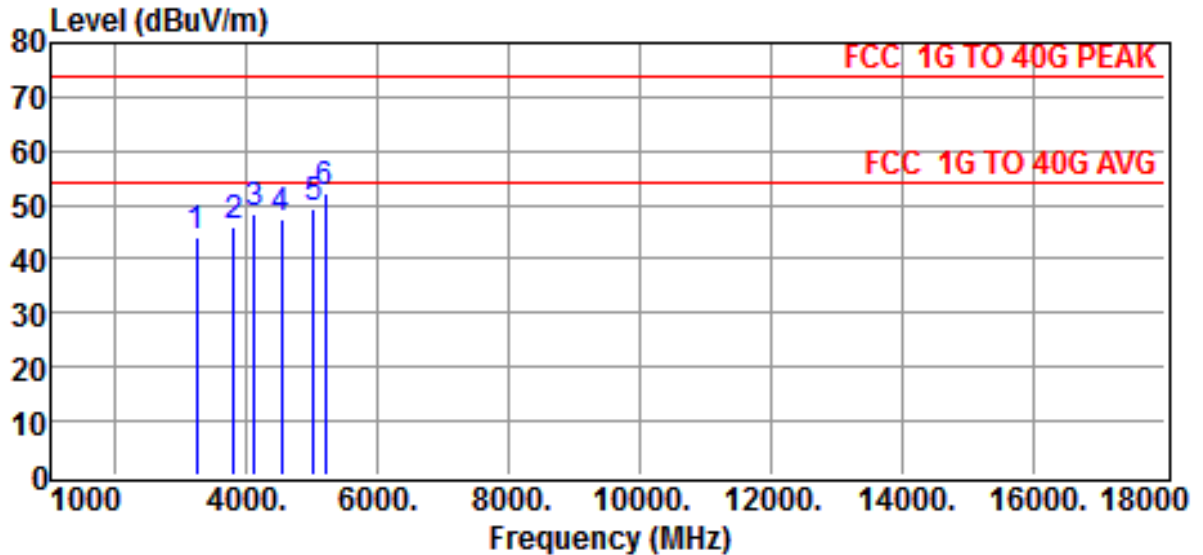
Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
2940.0000	47.3	-3.7	43.6	74.0	-30.4	Peak
3280.0000	48.0	-2.5	45.5	74.0	-28.5	Peak
3830.0000	45.3	-0.7	44.6	74.0	-29.4	Peak
4140.0000	47.7	0.2	47.9	74.0	-26.1	Peak
4790.0000	46.9	1.3	48.2	74.0	-25.8	Peak
5080.0000	48.8	2.0	50.8	74.0	-23.2	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: VGA + HDMI 720P + LINK LAN (1Gbps), Adapter: LTE60E-S2-1	Temperature	: 22 °C
Test Date	: Mar. 24, 2014	Humidity	: 60 %
Memo	:	Atmospheric Pressure	: 1001 hpa



Frequency (MHz)	Reading (dBuV)	Correction Factor (dB)	Result (dBuV/m)	Limits (dBuV/m)	Over limit (dB)	Detector
3230.0000	46.9	-2.8	44.1	74.0	-29.9	Peak
3790.0000	46.7	-0.8	45.9	74.0	-28.1	Peak
4110.0000	48.0	0.2	48.2	74.0	-25.8	Peak
4520.0000	47.1	0.4	47.5	74.0	-26.5	Peak
5005.0000	47.4	1.9	49.3	74.0	-24.7	Peak
5190.0000	49.6	2.4	52.0	74.0	-22.0	Peak

Note :

1. Result = Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain (if any)
3. The margin value=Limit - Result

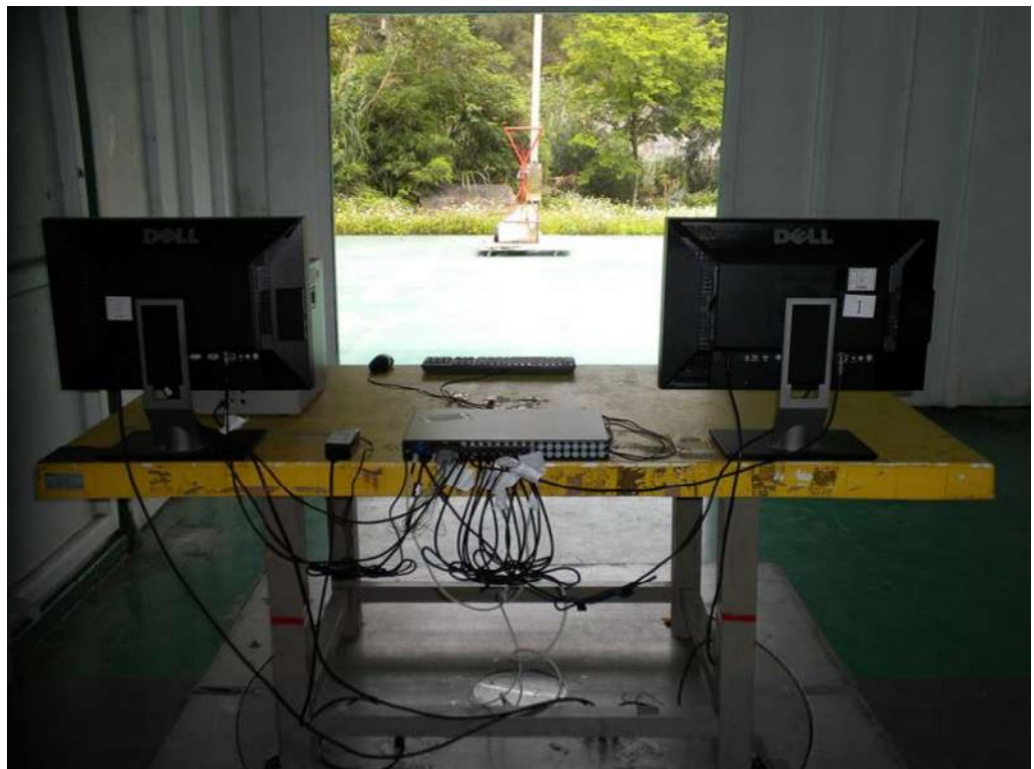
Test engineer: Ken



4.7. Test Photographs (30MHz~1GHz)



Front View



Rear View



4.8. Test Photographs (1GHz~18GHz)



Front View



Rear View



Appendix A. Photographs of EUT











