



FCC DOC TEST REPORT

Declaration of Conformity

according to

47 CFR, Part 2, Part 15, CISPR PUB. 22

and Canada ICES-003

Applicant	:	DWnet Technology (Suzhou) Co., Ltd.
Address	:	6F, No. 26, XinHai Street, Suzhou, JiangSu, 215021, China
Equipment	:	Wireless Access Point
Model No.	:	AP52GA
Trade Name	:	DWnet

Laboratory accreditation



- The test result refers exclusively to the test presented test model / sample.
- Without written approval of **Cerpass Technology Corp.** the test report shall not be reproduced except in full.



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CERTIFICATE OF COMPLIANCE

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47 CFR, Part 2, Part 15, CISPR PUB. 22

and Canada ICES-003

Applicant : DWnet Technology (Suzhou) Co., Ltd.

Address : 6F, No. 26, XinHai Street, Suzhou, JiangSu,
215021, China

Equipment : Wireless Access Point

Model No. : AP52GA

I HEREBY CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2003** and the energy emitted by this equipment was **passed CISPR PUB. 22, FCC Part 15 and Canada ICES-003** in both radiated and conducted emission class B limits.

Testing was carried out on Jun. 16, 2009 at **Cerpass Technology Corp.**

Signature

Anson Chou
EMC/RF B.U. Vice General Manager



1. Test Configuration of Equipment under Test

1.1. Feature of Equipment under Test

Hardware Specifications	
CPU	AR2312
Radio-on-Chip	AR2112
DRAM	8 Mbytes
Flash ROM	2 Mbytes
LAN port	1 x Auto-MDIX RJ 45 for 10/100Mbps Ethernet
Wireless Interface	Embedded Atheros solution
	Network Standard IEEE 802.11b (Wi-Fi™) and IEEE 802.11g compliance
	OFDM; 802.11b: CCK (11 Mbps, 5.5 Mbps), DQPSK (2 Mbps), DBPSK (1 Mbps)
	Operating Frequencies 2.412.2.497 GHz
	Operating Channels 802.11g: 13 for North America, 13 for Europe (ETSI), 14 for Japan 802.11b: 11 for North America, 14 for Japan, 13 for Europe (ETSI)
Operating temperature	0~55°C
Storage temperature	-20°C~70°C
Power Adapter	- MU12-G120100-A1 \ 12V / 1A - RHN-120100-1-3 \ 12V / 1A
Dimensions	141mm (W) x 100mm (D) x 27mm (H)
Wireless Specifications	
Receive Sensitivity at 11Mbps	min. -85dBm
Receive Sensitivity at 5.5Mbps	min. -89dBm
Receive Sensitivity at 2Mbps	min. -90dBm
Receive Sensitivity at 1Mbps	min. -93dBm
Maximum Receive Level	min. -5dBm
Transmit Power	20 dBm
Modulation	Direct Sequence Spread Spectrum BPSK / QPSK / CCK
Throughput	Up to 19 Mbps
Operating Range	Indoors <ul style="list-style-type: none"> • 30 Meters (100ft.) @ 11Mbps • 50 Meters (165ft.) @ 5.5Mbps • 70 Meters (230ft.) @ 2Mbps • 91 Meters (300ft.) @ 1Mbps Outdoors • 152 Meters (500ft.) @ 11Mbps • 270 Meters (885ft.) @ 5.5Mbps • 396 Meters (1300ft.) @ 2 Mbps • 457 Meters (1500ft.) @ 1 Mbps



1.2. 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, PC, Monitor, Mouse, Keyboard, Printer and EUT for EMI test. The remote workstation included Notebook.
- c. The result of conduction and radiation test as follow:
Test Mode 1: LINK LAN (100M) + Wireless, Adapter: MU12-G120100-A1
Test Mode 2: LINK LAN (100M) + Wireless, Adapter: RHN-120100-1-3
- d. An executive program, "Ping.exe" under WIN XP, which transmits and receives data to the remote workstation through Wireless.

1.3. Description of Test System

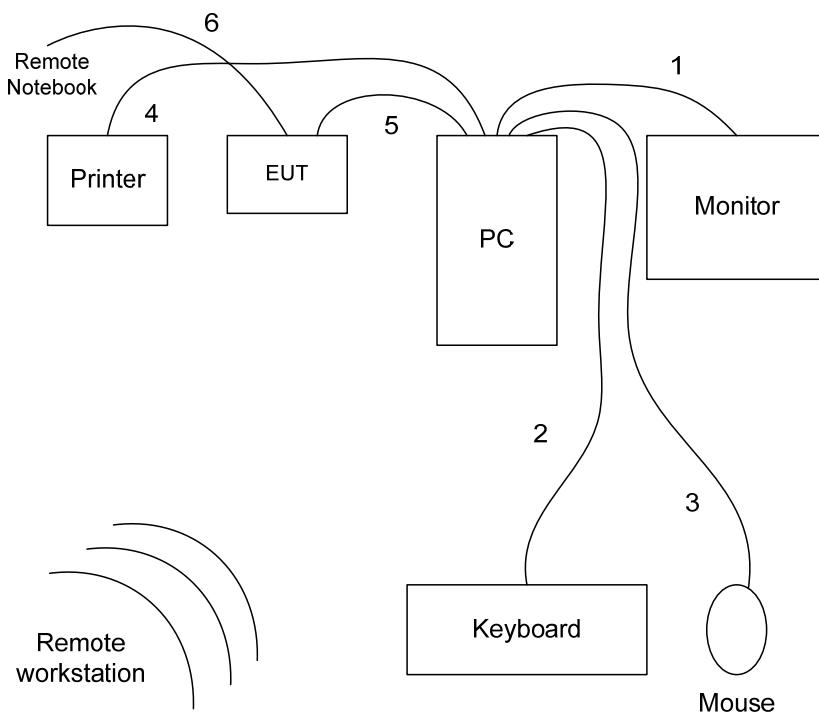
Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Power Cable, Unshielding 1.8 m
Monitor	ViewSonic	G90fB	Data Cable, VGA Shielding 1.35 m Power Cable, Adapter Unshielding 1.8 m
Keyboard	IBM	KB-0225	Data Cable, PS2 Shielding 1.35 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Printer	HP	Desk Jet 400	Data Cable, PRINT Unshielding 1.6 m Power Cable, Adapter Unshielding 1.8 m
Remote workstation			
Notebook	TOSHIBA	PSA50T-05M00C	Power Cable, Adapter Unshielding 1.8 m
Notebook	DELL	PP10L	Power Cable, Adapter Unshielding 1.8 m

Use Cable:

Cable	Quantity	Description
RJ45	1	Unshielding, 3.0m
RS232	1	Unshielding, 1.5m



1.4. Connection Diagram of Test System



1. The VGA cable is connected from PC to the Monitor.
 2. The PS/2 cable is connected from PC to the Keyboard.
 3. The USB cable is connected from PC to the Mouse.
 4. The Print cable is connected from PC to the Printer.
 5. The RS232 cable is connected from PC to the EUT.
 6. The RJ45 cable is connected from EUT to the remote workstation.
- * The EUT keeps to transmit and receive data via Notebook by Wireless.



1.5. 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):	No. 7-2, Moshihkeng, Fongtian Village, Shihding Township, Taipei County, Taiwan, R.O.C.
FCC Registration Number :	TW1049, 982971
IC Registration Number :	4934C-1
VCCI Registration Number :	T-338 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V / 60Hz
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart B Canada ICES-003
Frequency Range Investigated :	Conducted Emission Test: from 150kHz to 30 MHz Radiated Emission Test: from 30 MHz to 6,000 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.

1.6. Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	2.71 dB
Radiated Emission	30 MHz ~ 1GHz	Vertical	3.89 dB
		Horizontal	3.59 dB



1.7. History of this test report

ORIGINAL.

Additional attachment as following record:

Attachment No.	Issue Date	Description



2. Test of Conducted Emission

2.1. 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 C63.4-2003 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 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

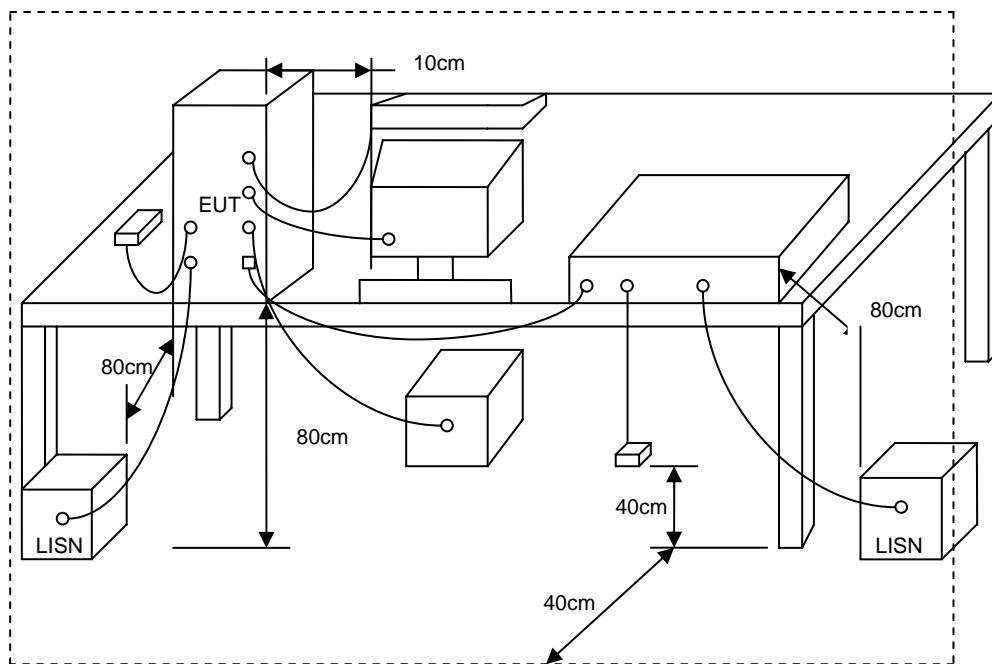
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

2.2. Test Procedures

- a. 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.
- b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- c. All the support units are connecting to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



2.3. Typical test Setup



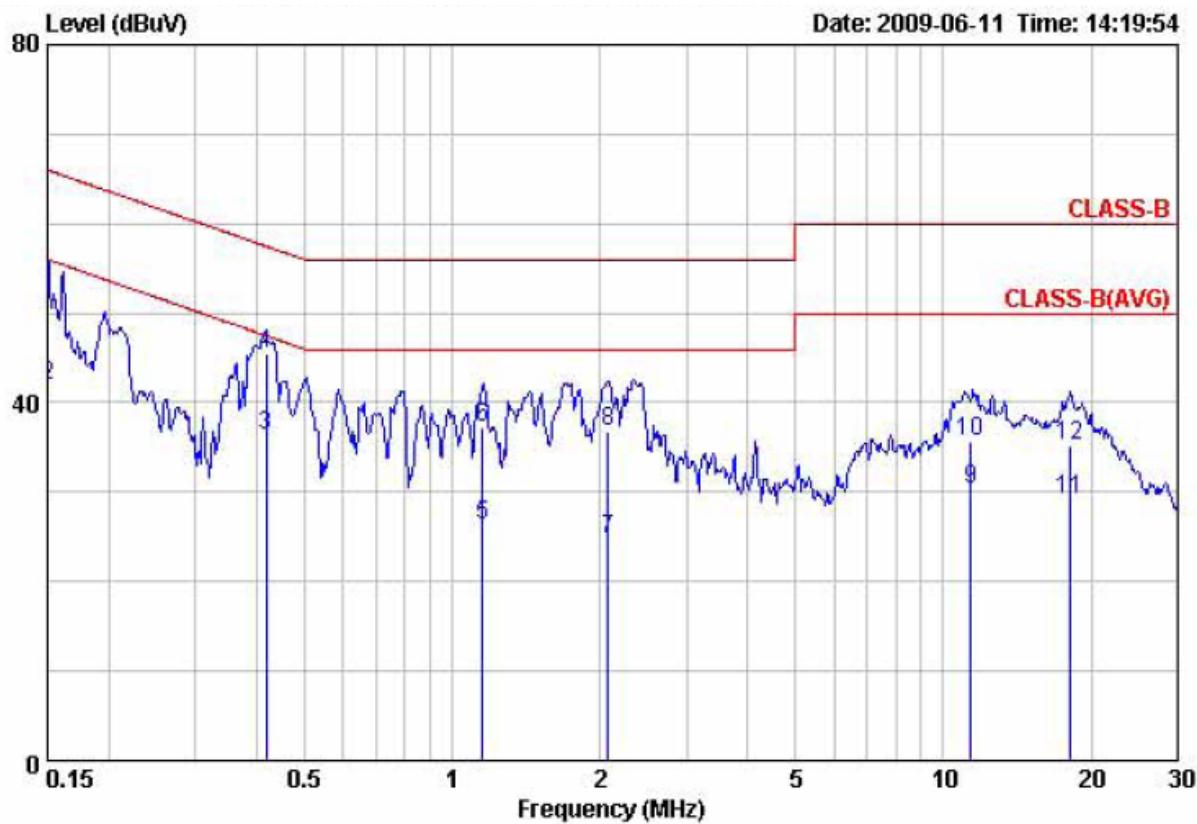
2.4. Measurement equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100443	2008/09/27	2009/09/26
LISN	MESS TEC	NNB-2/16Z	02/10191	2008/05/14	2009/06/02
LISN	ROLF HEINE	NNB-2/16Z	03/10058	2009/04/18	2010/04/17



2.5. Test Result and Data

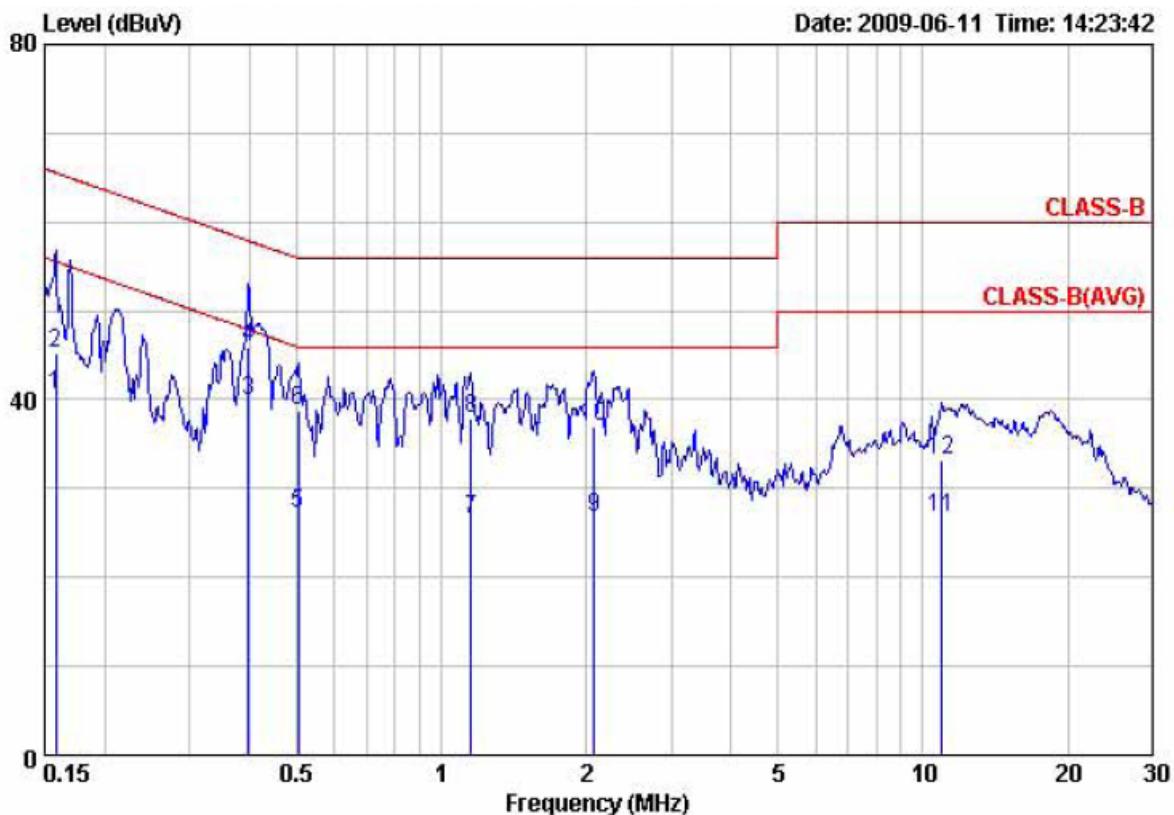
Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: LINK LAN (100M) + Wireless	Temperature	: 25 °C
Memo	: Adapter: MU12-G120100-A1	Humidity	: 55 %



Item	Freq	Read		Result	Limit	Margin	Remark
		Value	Factor				
	MHz	dBuV/m	dB	dBuV	dBuV	dBuV	
1	0.150	35.223	0.110	35.333	56.000	-20.667	Average
2	0.150	41.826	0.110	41.936	66.000	-24.064	QP
3	0.419	36.103	0.113	36.216	47.466	-11.250	Average
4	0.419	45.319	0.113	45.432	57.466	-12.034	QP
5	1.154	26.077	0.172	26.249	46.000	-19.751	Average
6	1.154	37.113	0.172	37.285	56.000	-18.715	QP
7	2.073	24.441	0.225	24.666	46.000	-21.334	Average
8	2.073	36.540	0.225	36.765	56.000	-19.235	QP
9	11.400	29.864	0.405	30.269	50.000	-19.731	Average
10	11.400	35.351	0.405	35.756	60.000	-24.244	QP
11	18.180	28.705	0.453	29.158	50.000	-20.842	Average
12	18.180	34.648	0.453	35.101	60.000	-24.899	QP



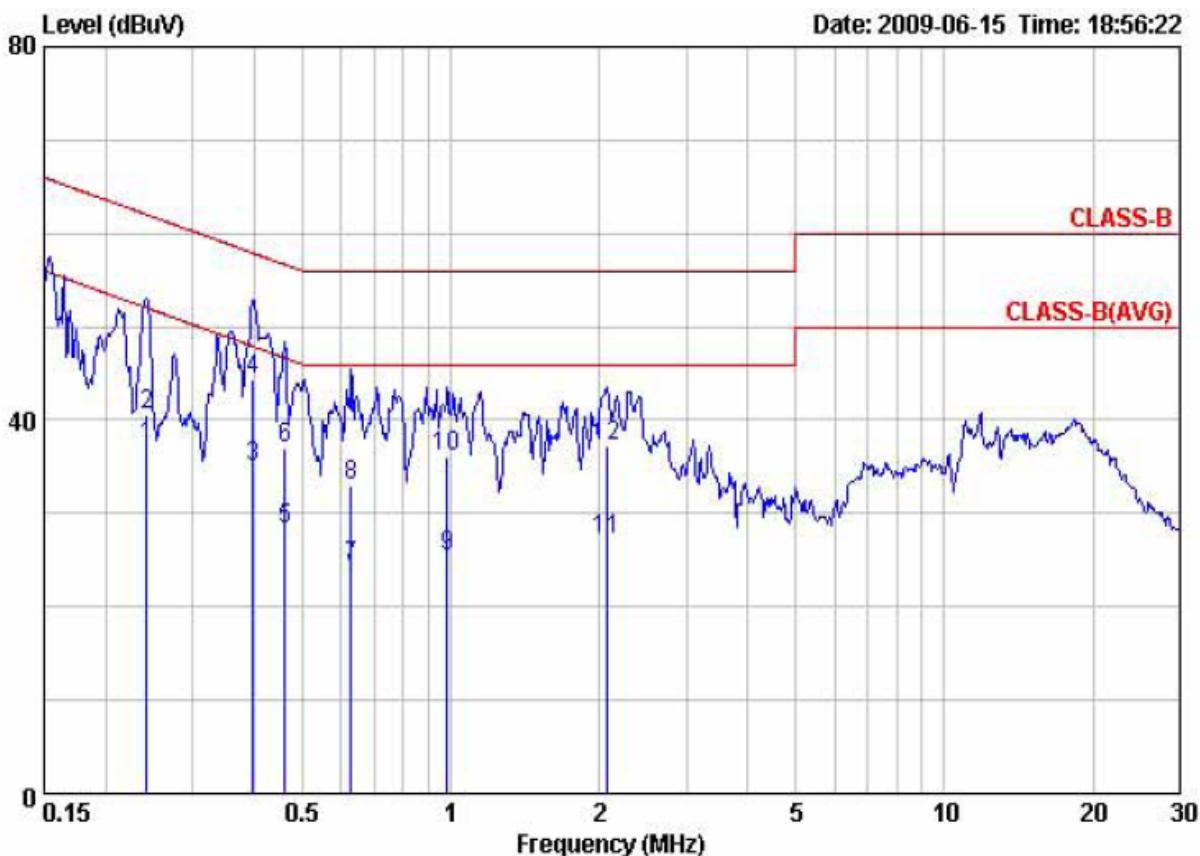
Power :	AC 120V	Pol/Phase :	NEUTRAL
Test Mode 1 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: MU12-G120100-A1	Humidity :	55 %



Item	Freq	Read		Result	Limit	Margin	Remark
		Value	Factor				
	MHz	dBuV/m	dB	dBuV	dBuV	dBuV	
1	0.158	40.314	0.139	40.453	55.560	-15.107	Average
2	0.158	45.086	0.139	45.225	65.560	-20.335	QP
3	0.398	39.642	0.140	39.782	47.903	-8.121	Average
4	0.398	45.773	0.140	45.913	57.903	-11.990	QP
5	0.505	27.092	0.150	27.242	46.000	-18.758	Average
6	0.505	38.733	0.150	38.883	56.000	-17.117	QP
7	1.153	26.395	0.188	26.583	46.000	-19.417	Average
8	1.153	37.712	0.188	37.900	56.000	-18.100	QP
9	2.075	26.531	0.224	26.755	46.000	-19.245	Average
10	2.075	36.792	0.224	37.016	56.000	-18.984	QP
11	10.963	26.411	0.434	26.845	50.000	-23.155	Average
12	10.963	32.716	0.434	33.150	60.000	-26.850	QP



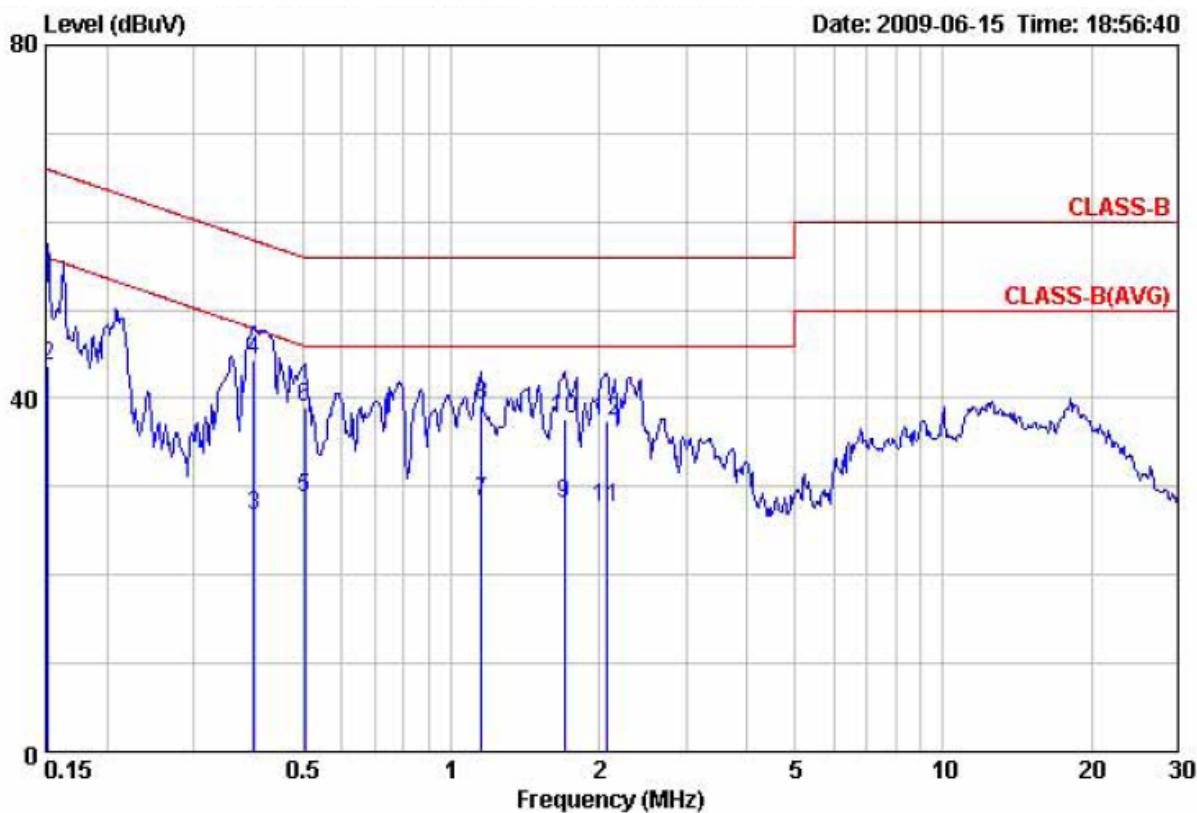
Power :	AC 120V	Pol/Phase :	LINE
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	55 %



Item	Freq	Read		Result	Limit	Margin	Remark
		Value	Factor				
	MHz	dBuV/m	dB	dBuV	dBuV	dBuV	
1	0.242	37.121	0.113	37.234	52.039	-14.805	Average
2	0.242	40.502	0.113	40.615	62.039	-21.424	QP
3	0.398	34.895	0.110	35.005	47.903	-12.898	Average
4	0.398	44.312	0.110	44.422	57.903	-13.481	QP
5	0.461	28.282	0.118	28.400	46.671	-18.271	Average
6	0.461	36.980	0.118	37.098	56.671	-19.573	QP
7	0.627	24.239	0.135	24.374	46.000	-21.626	Average
8	0.627	32.908	0.135	33.043	56.000	-22.957	QP
9	0.984	25.333	0.159	25.492	46.000	-20.508	Average
10	0.984	35.846	0.159	36.005	56.000	-19.995	QP
11	2.070	26.861	0.225	27.086	46.000	-18.914	Average
12	2.070	36.944	0.225	37.169	56.000	-18.831	QP



Power :	AC 120V	Pol/Phase :	NEUTRAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	55 %



Item	Freq	Read		Result	Limit	Margin	Remark
		Value	Factor				
	MHz	dBuV/m	dB	dBuV	dBuV	dBuV	
1	0.152	33.403	0.140	33.543	55.906	-22.363	Average
2	0.152	43.616	0.140	43.756	65.906	-22.150	QP
3	0.398	26.662	0.140	26.802	47.903	-21.101	Average
4	0.398	44.249	0.140	44.389	57.903	-13.514	QP
5	0.505	28.577	0.150	28.727	46.000	-17.273	Average
6	0.505	38.804	0.150	38.954	56.000	-17.046	QP
7	1.153	28.083	0.188	28.271	46.000	-17.729	Average
8	1.153	39.042	0.188	39.230	56.000	-16.770	QP
9	1.698	27.946	0.210	28.156	46.000	-17.844	Average
10	1.698	37.352	0.210	37.562	56.000	-18.438	QP
11	2.073	27.502	0.224	27.726	46.000	-18.274	Average
12	2.073	37.192	0.224	37.416	56.000	-18.584	QP

Test engineer: Tom

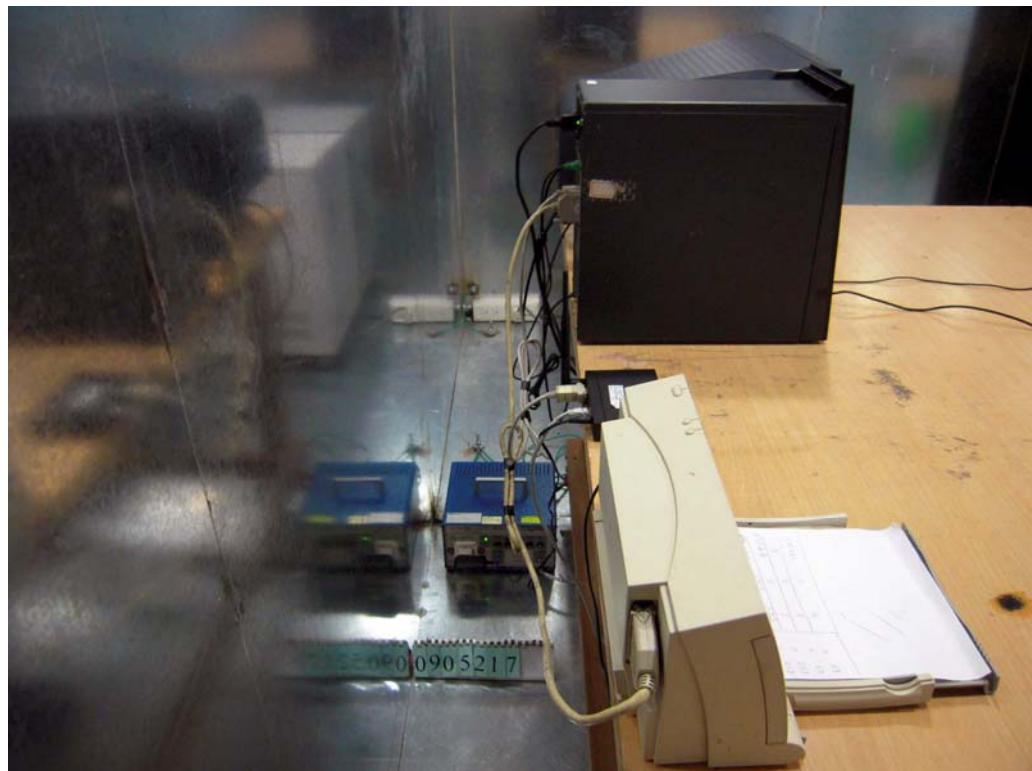


2.1. Test Photographs

Front View



Rear View





3. Test of Radiated Emission

3.1. Test Limit

Radiated emissions from 30 MHz to 6,000 MHz were measured with a bandwidth of 120 kHz according to the methods defines in ANSI C63.4-2003. The EUT was placed on a nonmetallic stand in the open-field site, 0.8 meter above the ground plane, as shown in section 3.2. 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(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated (μ V / M)	Radiated (dB μ V / M)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

For unintentional device, according to CISPR PUB.22, for Class B 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.

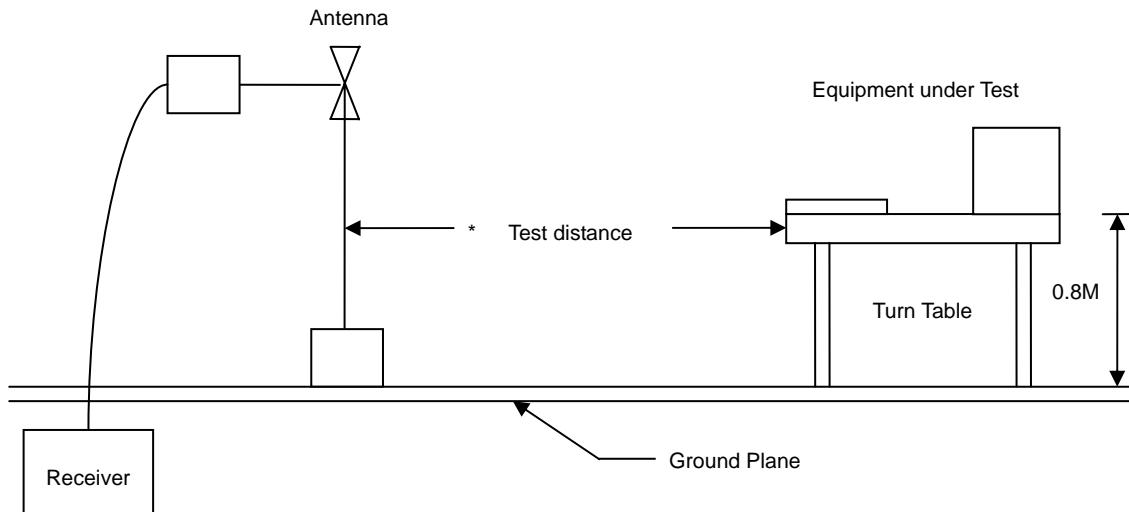
Frequency (MHz)	Distance Meters	Radiated (dB μ V / M)
30-230	10	30
230-1000	10	37

3.2. Test Procedures

- a. The EUT was placed on a Rota table top 0.8 meter above ground.
- b. The EUT was set 3/10 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. 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.
- e. 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.
- f. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. 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.



3.3. Typical test Setup



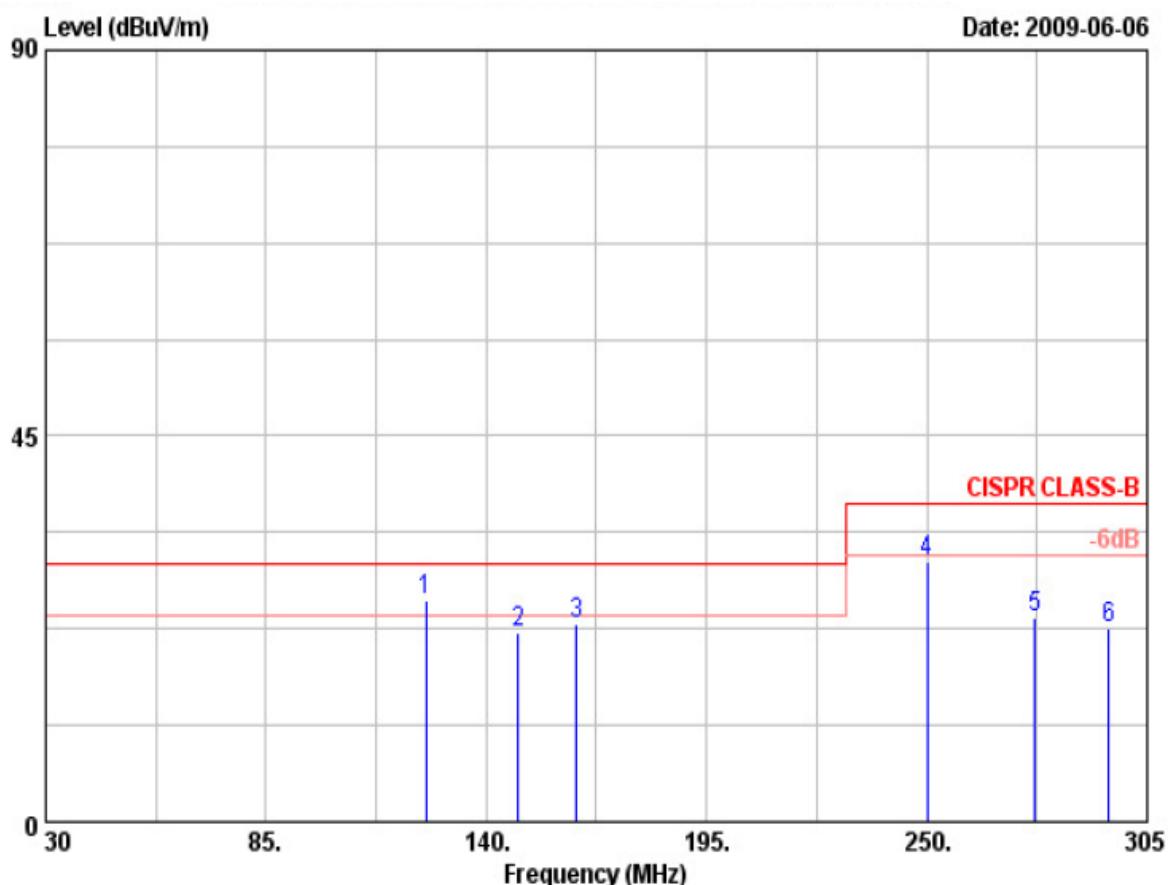
3.4. Measurement equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Bilog Antenna	Schaffner	CBL6112B	2840	2009/05/14	2010/05/13
Signal Generator	HP	8648B	3629U00612	2008/10/08	2009/10/07
Amplifier	Agilent	8447D	2944A10593	2009/05/21	2010/05/20
EMI Receiver	HP	8546A	3807A00454	2008/08/07	2009/08/06
Spectrum Analyzer	R&S	FSP40	100047	2009/03/26	2010/03/25
Horn Antenna	EMCO	3115	31589	2009/05/04	2010/05/03
Preamplifier	Agilent	8449B	3008A01954	2009/02/27	2010/02/26



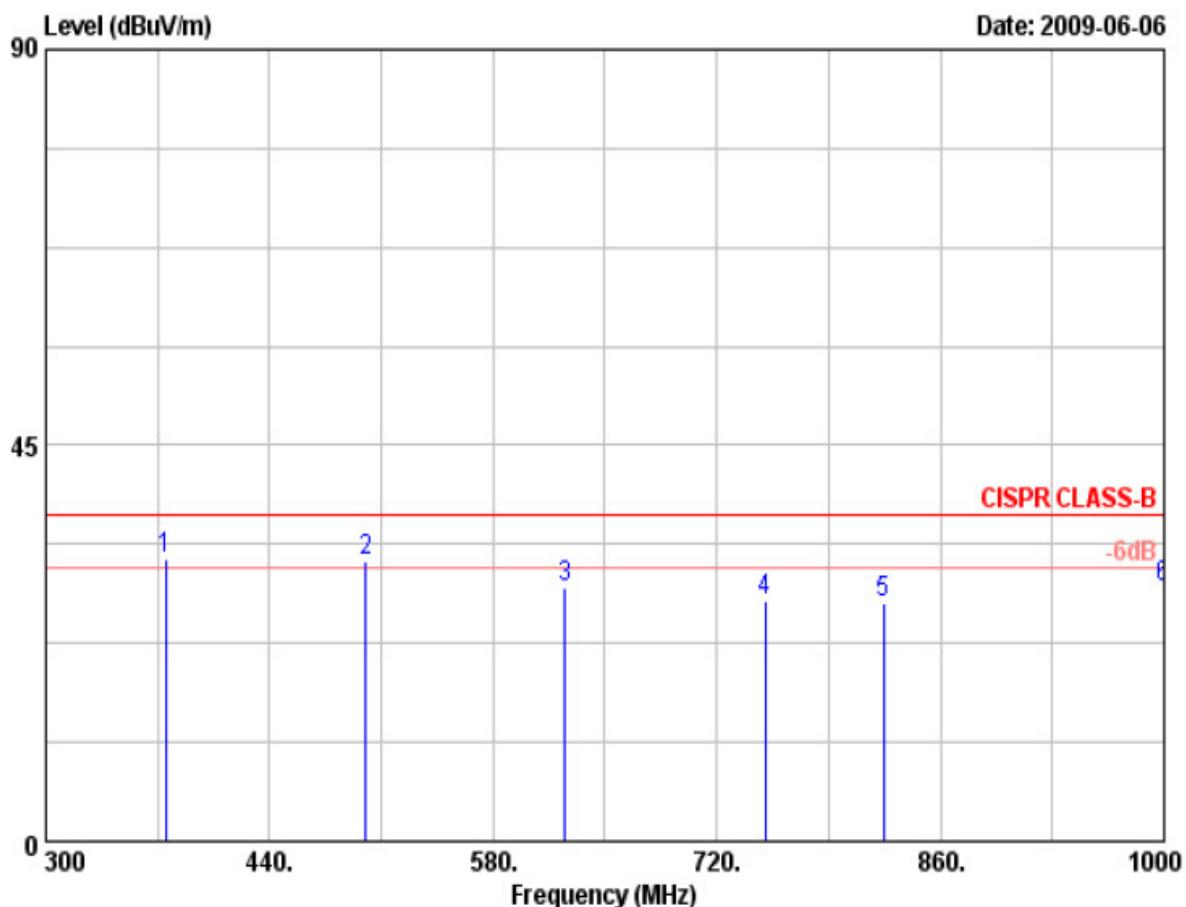
3.5. Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: LINK LAN (100M) + Wireless	Temperature	: 28 °C
Memo	: Adapter: MU12-G120100-A1	Humidity	: 60 %





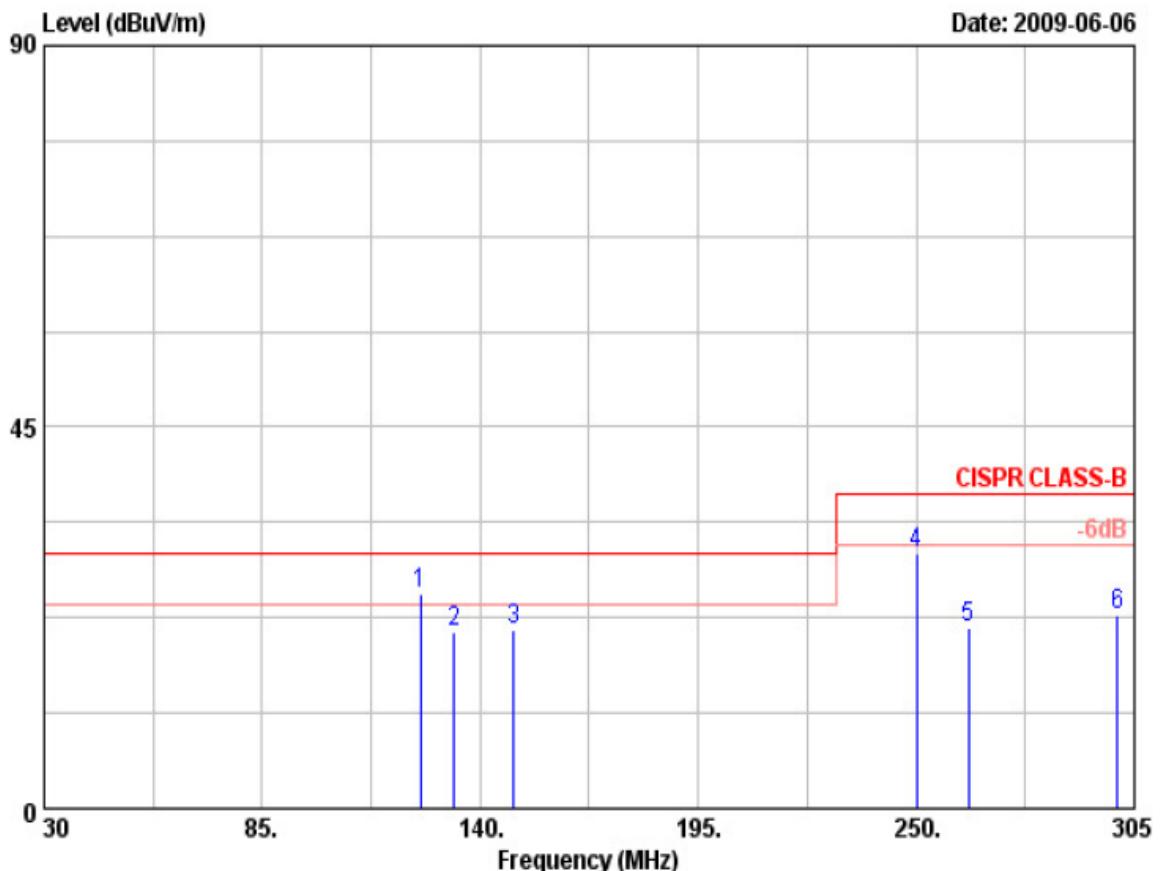
Power :	AC 120V	Pol/Phase :	VERTICAL
Test Mode 1 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: MU12-G120100-A1	Humidity :	60 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant Pos	Tab Pos
		Value	Factor						
MHz dBuV/m dB dBuV/m dBuV/m dB cm Deg									
1	375.000	40.579	-8.468	32.111	37.000	-4.889	QP	100	360
2	500.000	38.477	-6.700	31.777	37.000	-5.223	QP	100	360
3	625.000	33.803	-4.915	28.888	37.000	-8.112	Peak	100	360
4	750.100	29.905	-2.683	27.222	37.000	-9.778	QP	100	360
5	824.300	27.961	-0.761	27.200	37.000	-9.800	Peak	100	360
6	1000.000	25.508	3.380	28.888	37.000	-8.112	Peak	100	360



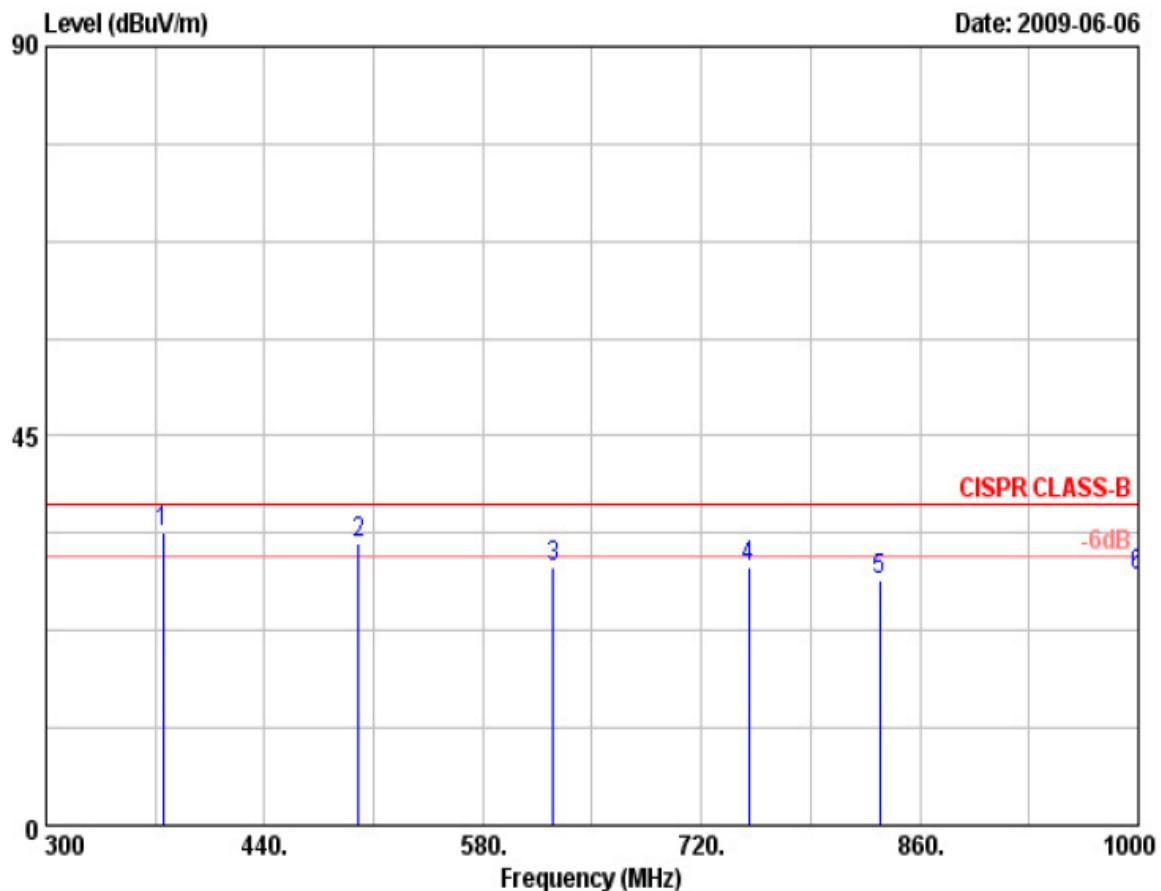
Power :	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode 1 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: MU12-G120100-A1	Humidity :	60 %



Item	Read		Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	Freq	Value							
	MHz	dBuV/m		dB	dBuV/m	dBuV/m	dB	cm	Deg
1	125.000	39.261	-13.928	25.333	30.000	-4.667	QP	400	0
2	133.500	34.938	-14.049	20.889	30.000	-9.111	Peak	400	0
3	148.500	34.759	-13.759	21.000	30.000	-9.000	Peak	400	0
4	250.000	44.135	-14.135	30.000	37.000	-7.000	QP	400	0
5	263.200	34.390	-13.168	21.222	37.000	-15.778	Peak	400	0
6	300.875	33.860	-11.156	22.704	37.000	-14.296	Peak	400	0



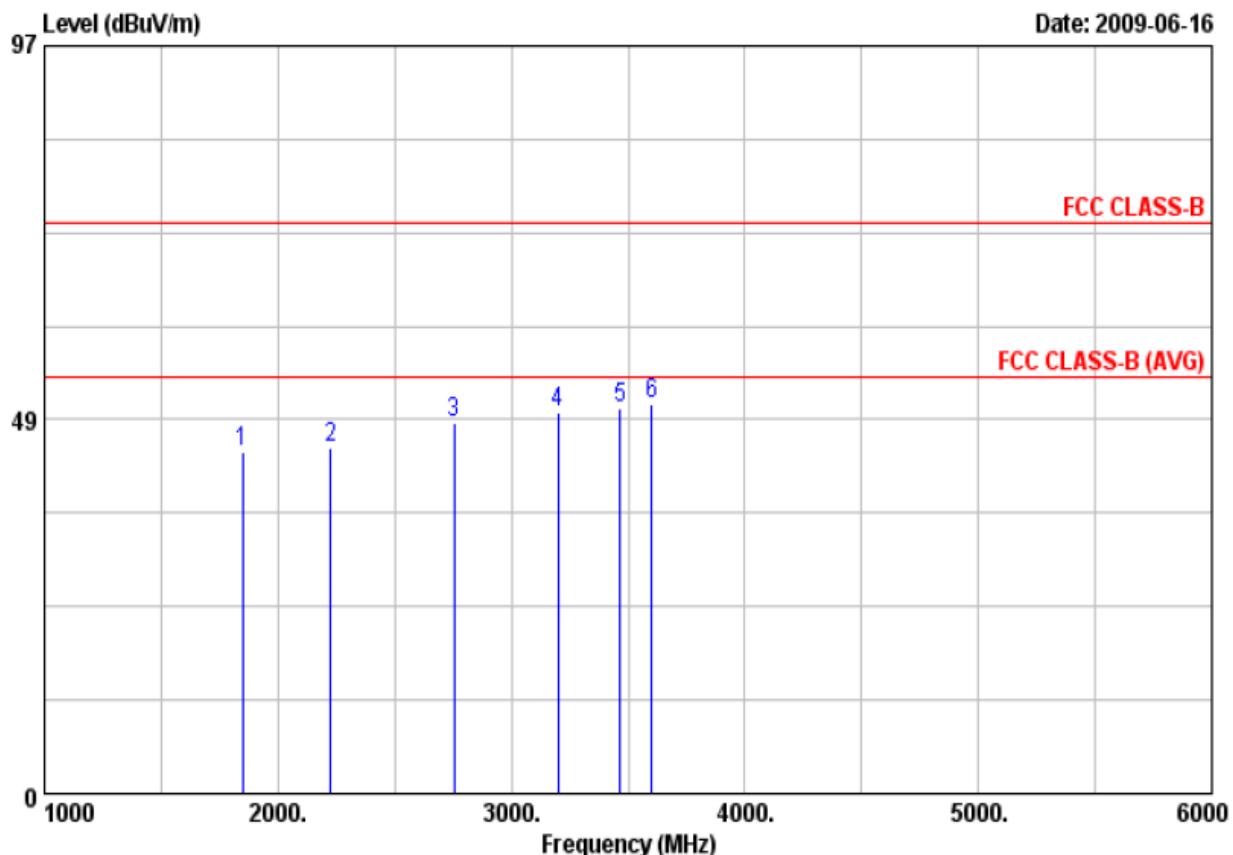
Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	LINK LAN (100M) + Wireless	Temperature	:	28 °C
Memo	:	Adapter: MU12-G120100-A1	Humidity	:	60 %



Item	Read		Factor	Result	Limit	Margin	Remark	Ant	Tab
	Freq	Value							
	MHz	dBuV/m		dB	dBuV/m	dBuV/m	dB	cm	Deg
1	375.000	42.246	-8.468	33.778	37.000	-3.222	QP	100	0
2	500.000	39.367	-6.700	32.667	37.000	-4.333	QP	100	0
3	625.000	34.803	-4.915	29.888	37.000	-7.112	QP	100	0
4	750.000	32.462	-2.685	29.777	37.000	-7.223	QP	100	0
5	834.100	28.736	-0.441	28.295	37.000	-8.705	Peak	100	0
6	1000.000	25.398	3.380	28.778	37.000	-8.222	Peak	100	0



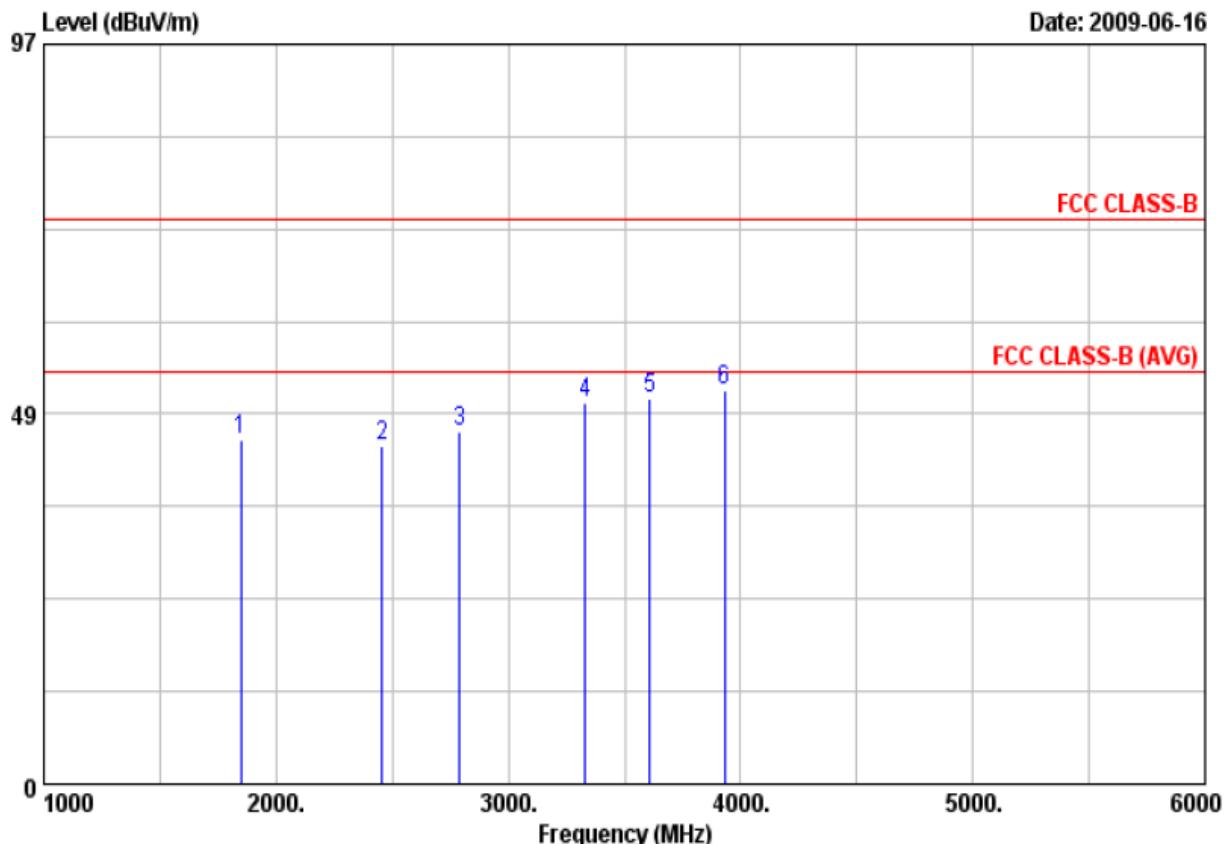
Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 1	:	LINK LAN (100M) + Wireless	Temperature	:	25 °C
Memo	:	Adapter: MU12-G120100-A1	Humidity	:	69 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant Pos	Tab Pos
		Value	Factor						
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	Deg
1	1850.000	17.796	26.490	44.286	74.000	-29.714	Peak	100	0
2	2225.000	17.333	27.585	44.918	74.000	-29.082	Peak	100	0
3	2755.000	18.812	29.218	48.030	74.000	-25.970	Peak	100	0
4	3200.000	18.961	30.500	49.461	74.000	-24.539	Peak	100	0
5	3465.000	18.869	31.030	49.899	74.000	-24.101	Peak	100	0
6	3600.000	19.138	31.380	50.518	74.000	-23.482	Peak	100	0



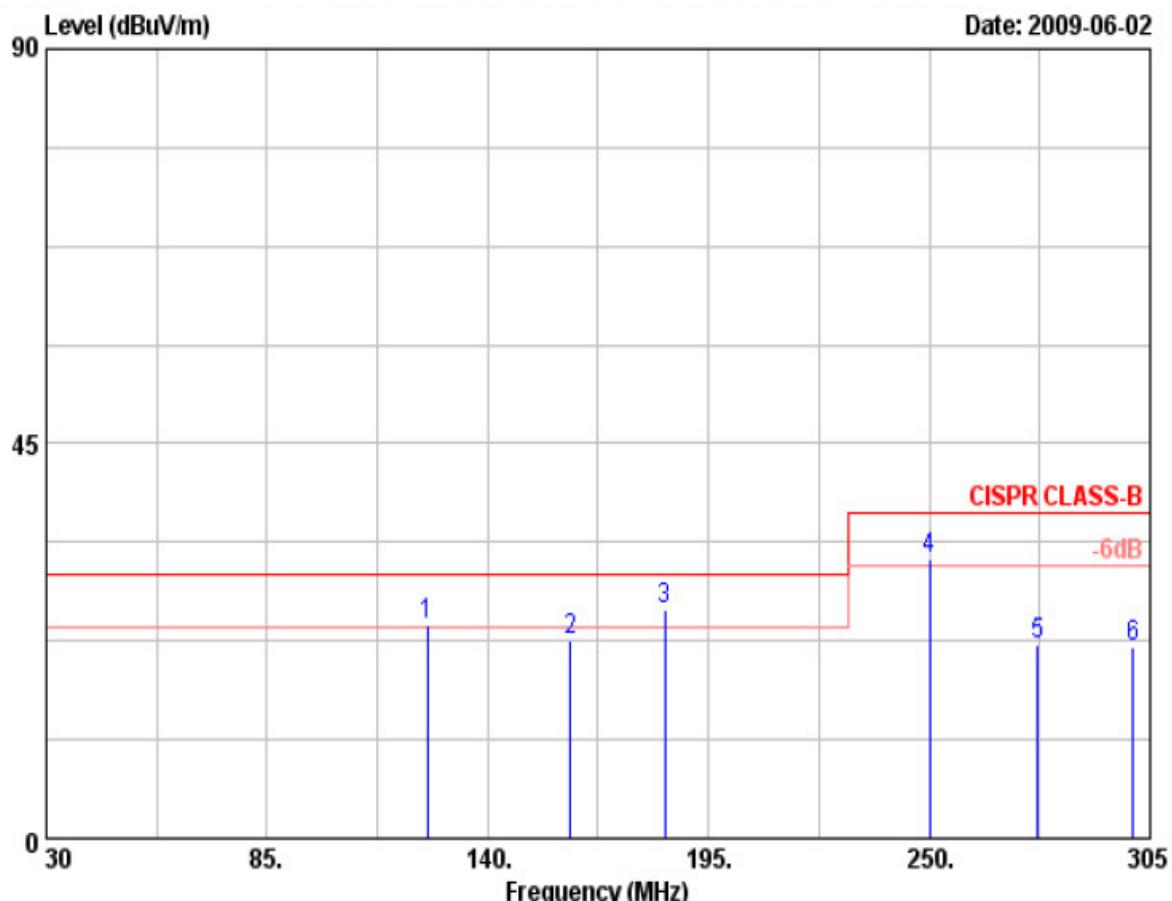
Power :	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode 1 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: MU12-G120100-A1	Humidity :	69 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant	Tab
		Value	Factor					Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	1850.000	18.576	26.490	45.066	74.000	-28.934	Peak	200	360
2	2455.000	16.253	28.183	44.436	74.000	-29.564	Peak	200	360
3	2790.000	16.943	29.344	46.287	74.000	-27.713	Peak	200	360
4	3330.000	19.314	30.760	50.074	74.000	-23.926	Peak	200	360
5	3610.000	19.201	31.408	50.609	74.000	-23.391	Peak	200	360
6	3930.000	19.425	32.304	51.729	74.000	-22.271	Peak	200	360



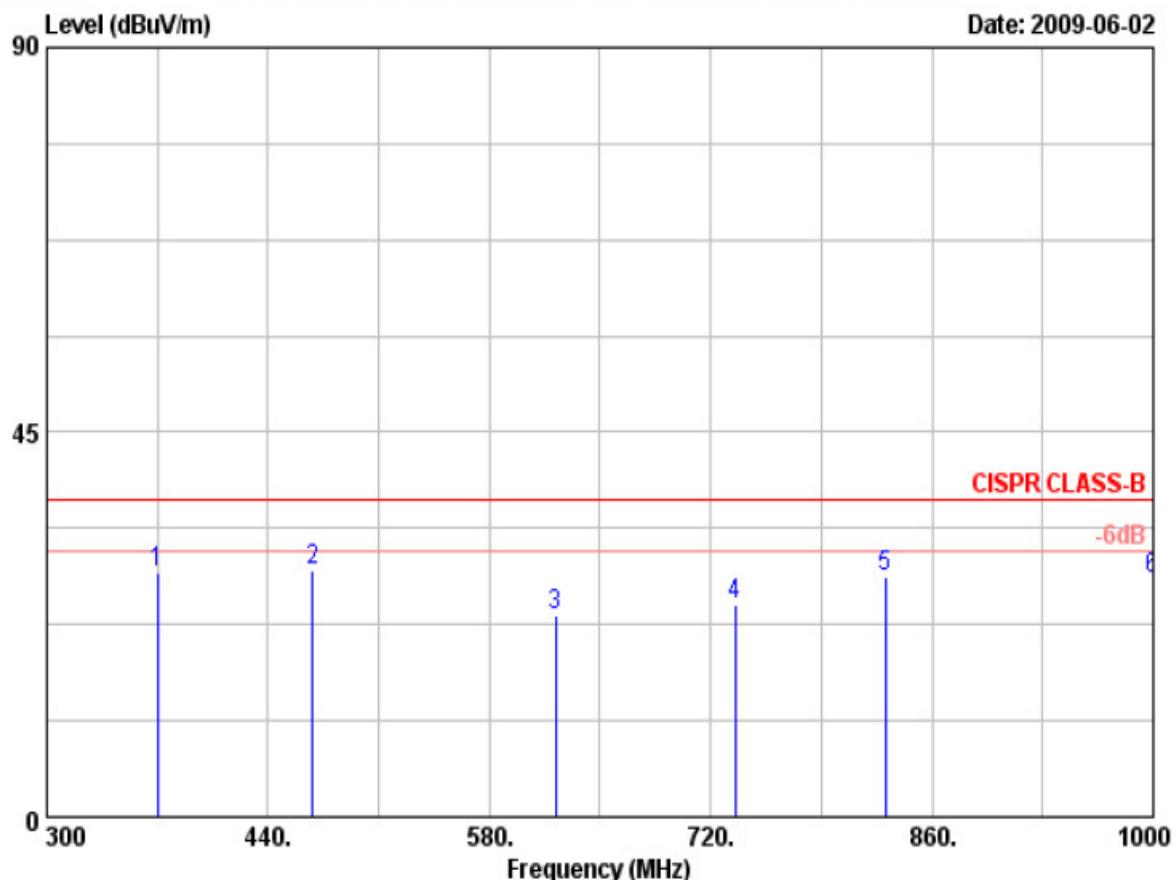
Power :	AC 120V	Pol/Phase :	VERTICAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	60 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant	Tab
		Value	Factor						
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	Deg
1	125.000	38.300	-13.928	24.372	30.000	-5.628	QP	100	360
2	160.625	34.280	-11.647	22.633	30.000	-7.367	Peak	100	360
3	184.000	39.300	-13.110	26.190	30.000	-3.810	QP	100	360
4	250.000	45.912	-14.135	31.777	37.000	-5.223	QP	100	360
5	276.950	34.310	-12.247	22.063	37.000	-14.937	Peak	100	360
6	300.875	32.880	-11.156	21.724	37.000	-15.276	Peak	100	360



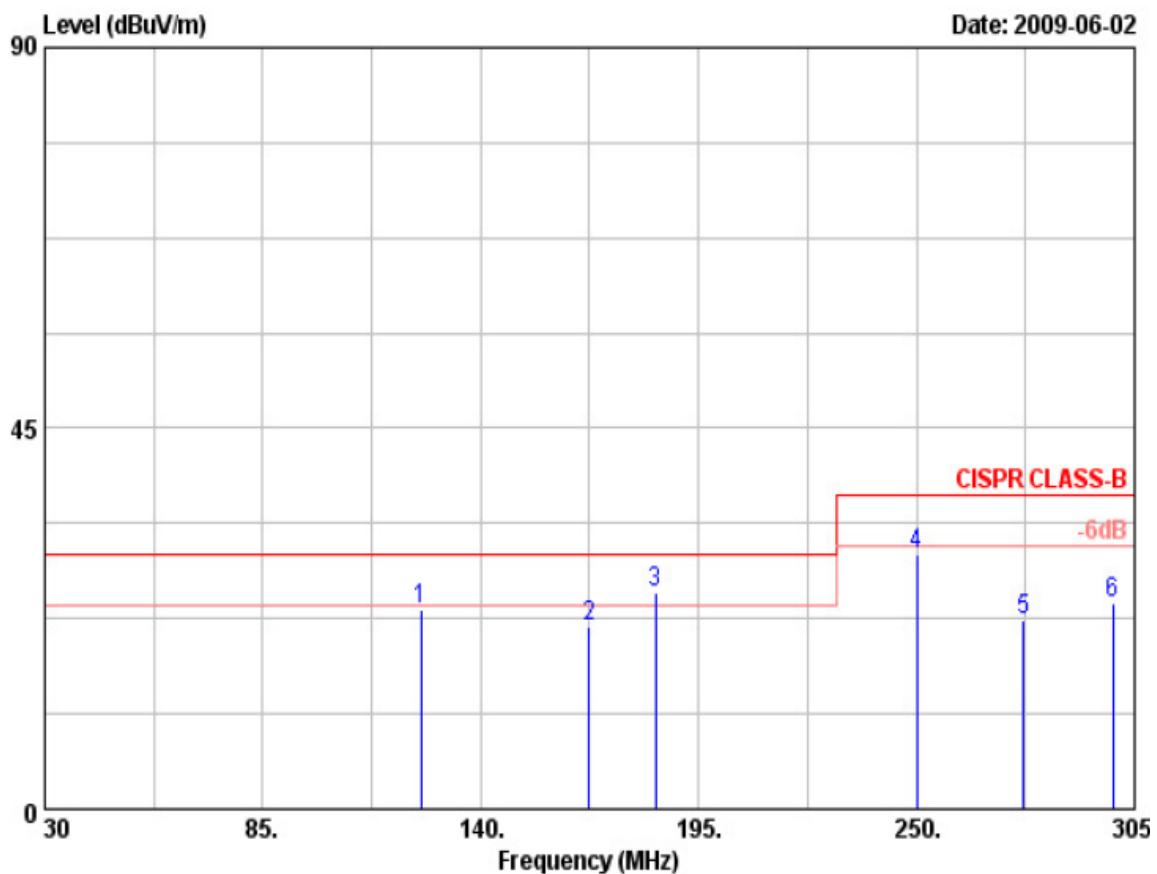
Power :	AC 120V	Pol/Phase :	VERTICAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	60 %



Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Ant	Tab
	MHz	dBuV/m		dB	dBuV/m	dBuV/m		cm	Deg
1	370.000	37.310	-8.629	28.681	37.000	-8.319	QP	100	0
2	468.000	35.750	-6.879	28.871	37.000	-8.129	Peak	100	0
3	622.000	28.470	-4.959	23.511	37.000	-13.489	Peak	100	0
4	735.400	27.841	-3.134	24.707	37.000	-12.293	Peak	100	0
5	830.600	28.619	-0.555	28.064	37.000	-8.936	Peak	100	0
6	1000.000	24.540	3.380	27.920	37.000	-9.080	Peak	100	0



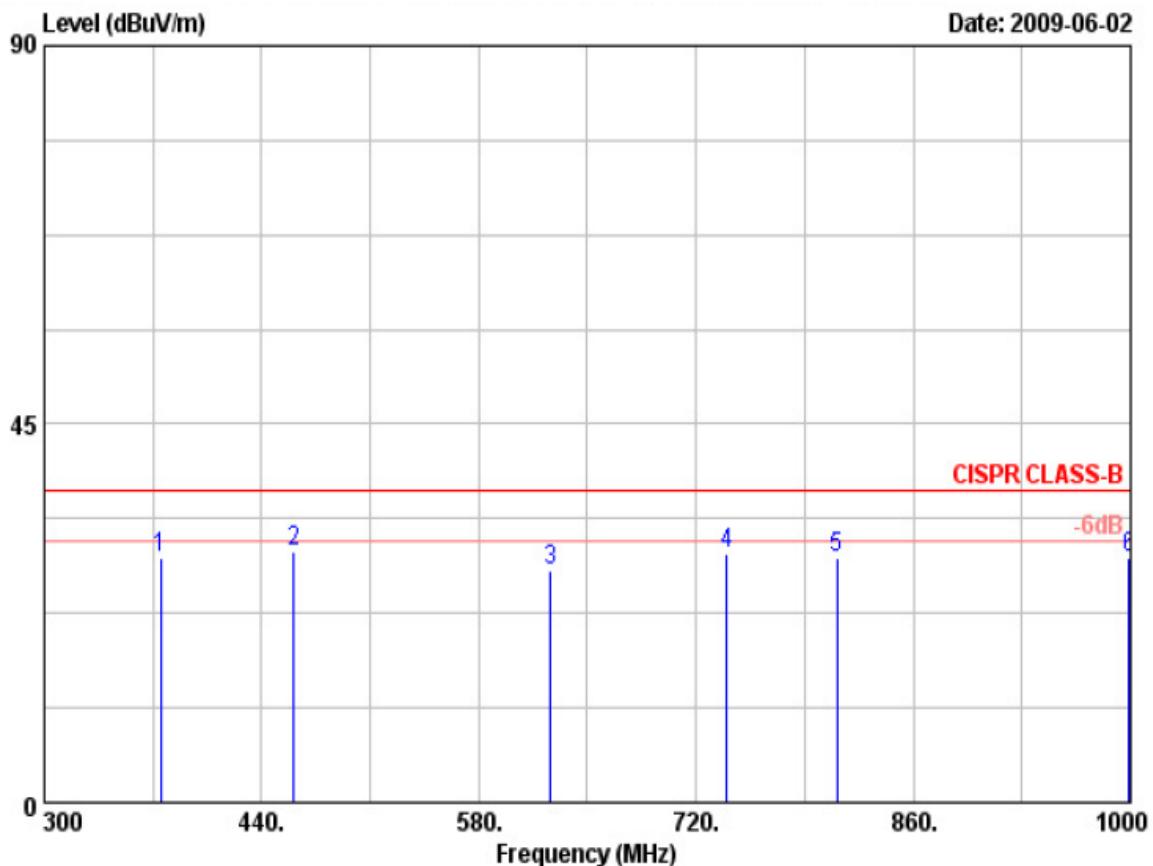
Power :	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	60 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant Pos	Tab Pos
		Value	Factor						
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	Deg
1	125.000	37.501	-13.928	23.573	30.000	-6.427	QP	400	0
2	167.500	33.160	-11.721	21.439	30.000	-8.561	Peak	400	0
3	184.000	38.700	-13.110	25.590	30.000	-4.410	QP	400	0
4	250.040	44.200	-14.132	30.068	37.000	-6.932	QP	400	0
5	276.950	34.590	-12.247	22.343	37.000	-14.657	Peak	400	0
6	299.500	35.481	-11.214	24.267	37.000	-12.733	Peak	400	0



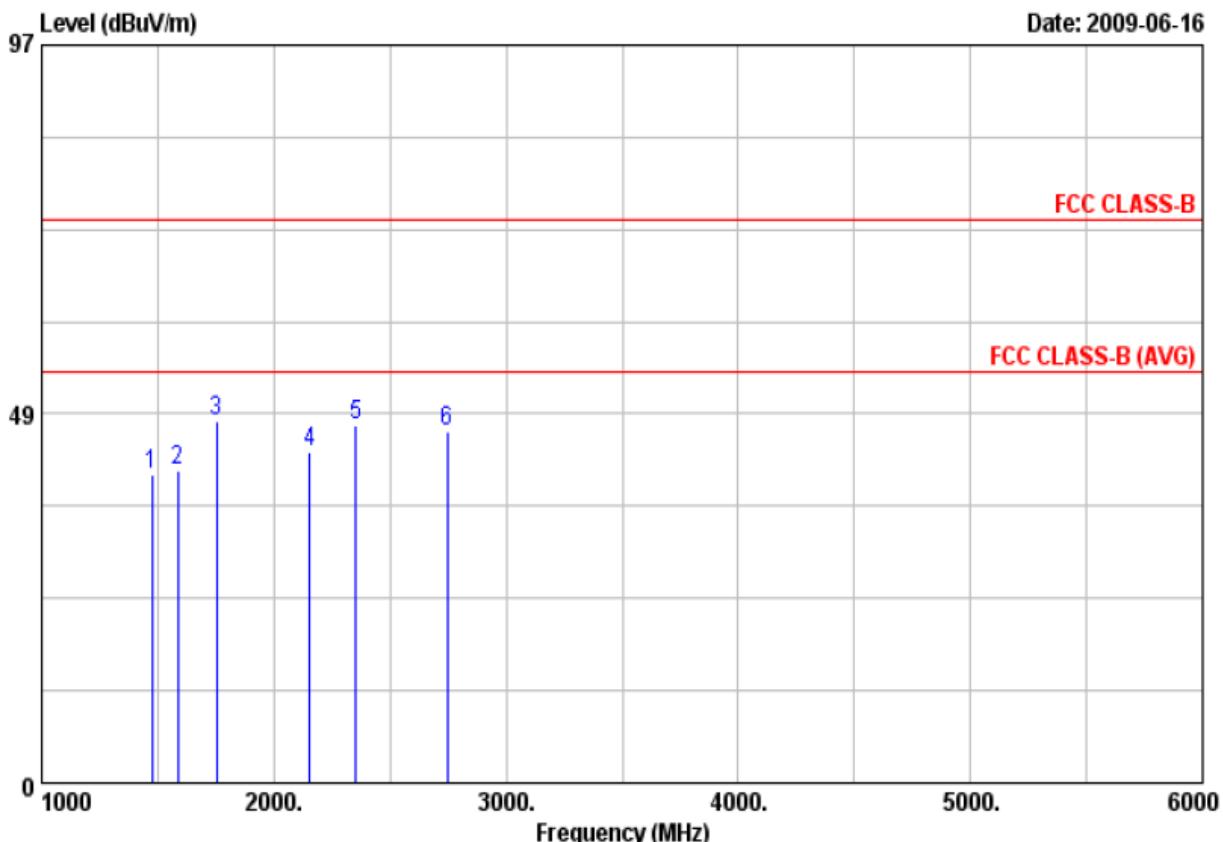
Power :	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	28 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	60 %



Item	Read		Factor	Result	Limit	Margin	Remark	Ant	Tab
	Freq	Value							
	MHz	dBuV/m		dB	dBuV/m	dBuV/m		cm	Deg
1	375.000	37.510	-8.468	29.042	37.000	-7.958	QP	100	0
2	461.000	36.779	-6.918	29.861	37.000	-7.139	QP	100	0
3	626.200	32.397	-4.898	27.499	37.000	-9.501	Peak	100	0
4	739.600	32.650	-3.004	29.646	37.000	-7.354	Peak	100	0
5	811.000	30.311	-1.193	29.118	37.000	-7.882	Peak	100	0
6	999.300	25.585	3.372	28.957	37.000	-8.043	Peak	100	0



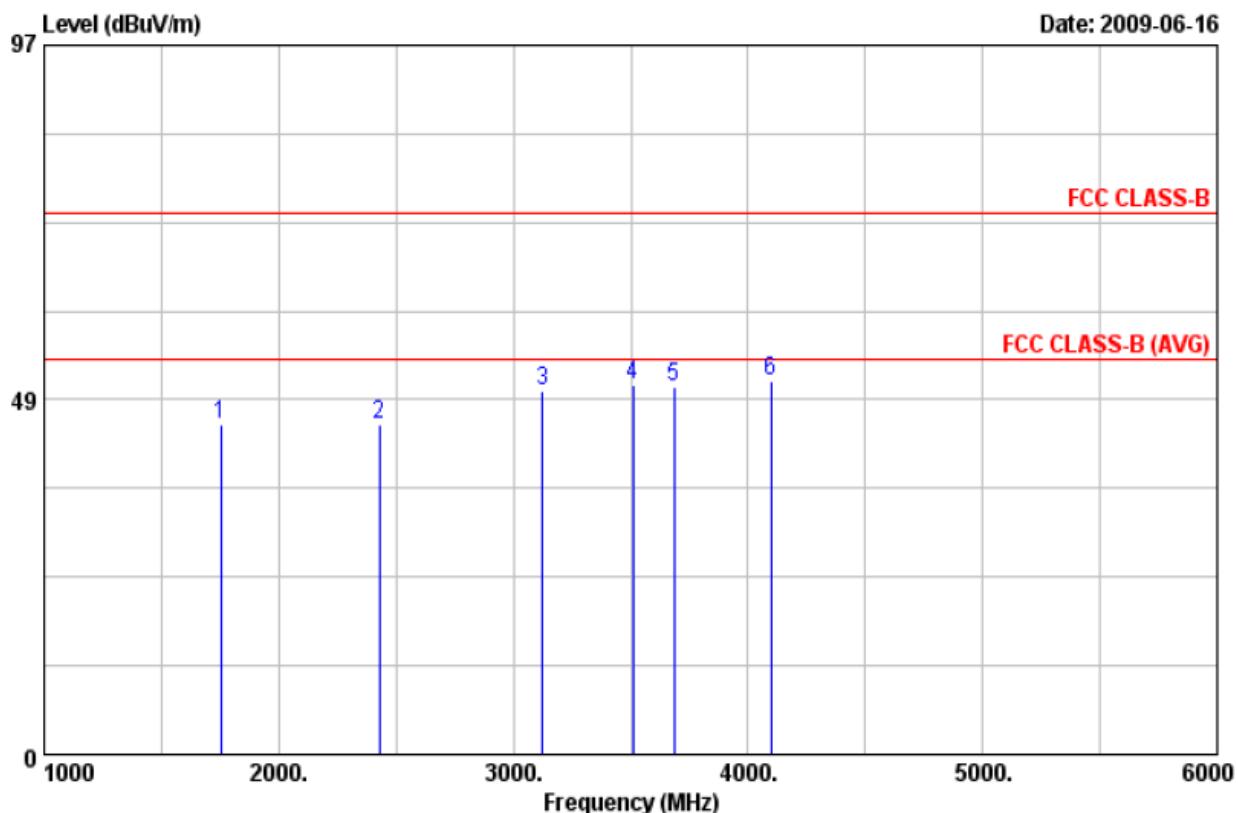
Power :	AC 120V	Pol/Phase :	VERTICAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	69 %



Item	Freq	Read		Result	Limit	Margin	Remark	Ant	Tab
		Value	Factor						
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	1475.000	15.160	25.235	40.395	74.000	-33.605	Peak	100	0
2	1585.000	15.613	25.589	41.202	74.000	-32.798	Peak	100	0
3	1755.000	21.480	26.167	47.647	74.000	-26.353	Peak	100	0
4	2155.000	15.971	27.403	43.374	74.000	-30.626	Peak	100	0
5	2355.000	19.168	27.923	47.091	74.000	-26.909	Peak	100	0
6	2745.000	17.035	29.182	46.217	74.000	-27.783	Peak	100	0



Power :	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode 2 :	LINK LAN (100M) + Wireless	Temperature :	25 °C
Memo :	Adapter: RHN-120100-1-3	Humidity :	69 %



Item	Freq	Read Value	Factor	Result		Limit	Margin	Remark	Ant	Tab
				MHz	dBuV/m	dB	dBuV/m	dB	cm	Deg
1	1755.000	18.934	26.167	45.101	74.000	-28.899	Peak	200	360	
2	2430.000	17.053	28.118	45.171	74.000	-28.829	Peak	200	360	
3	3125.000	19.248	30.350	49.598	74.000	-24.402	Peak	200	360	
4	3510.000	19.324	31.128	50.452	74.000	-23.548	Peak	200	360	
5	3685.000	18.623	31.618	50.241	74.000	-23.759	Peak	200	360	
6	4100.000	18.505	32.460	50.965	74.000	-23.035	Peak	200	360	

Test engineer: Ray



3.6. Test Photographs

Front View



Rear View

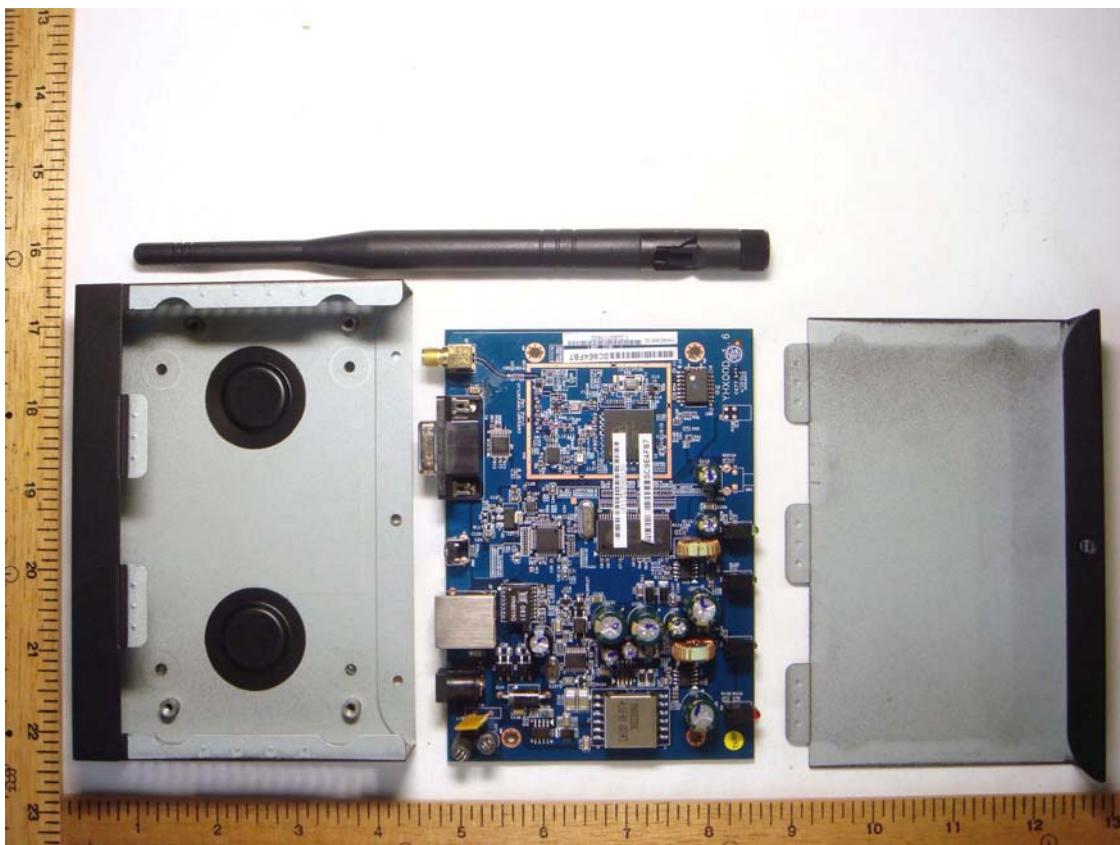
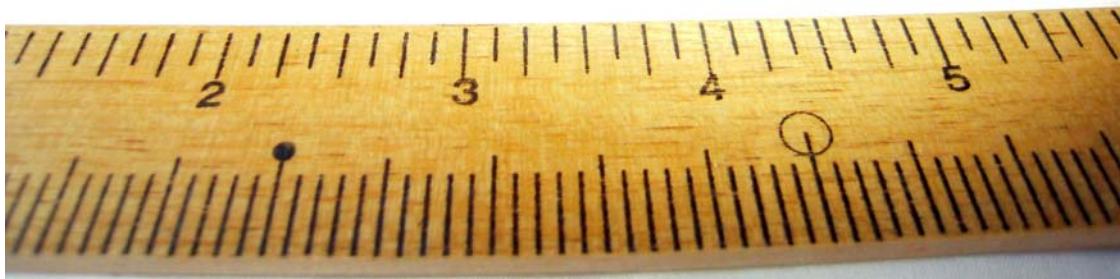


**Appendix A. Photographs of EUT**



CERPASS TECHNOLOGY CORP.

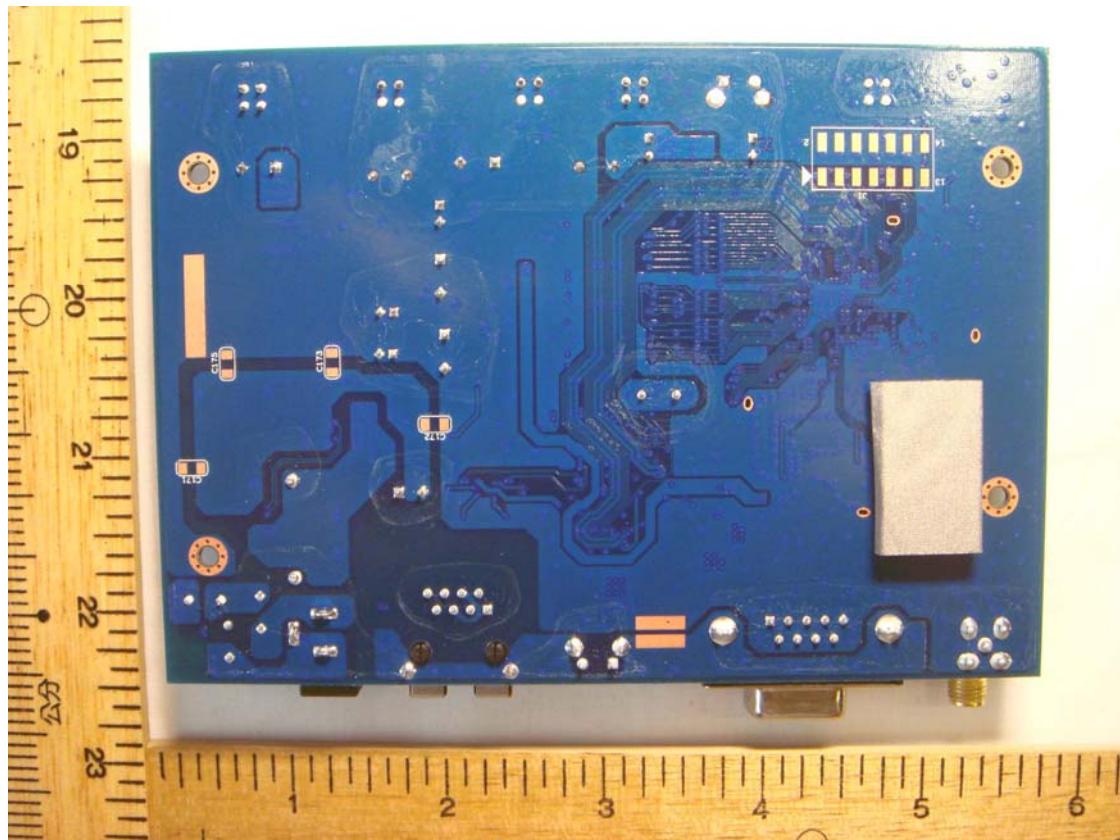
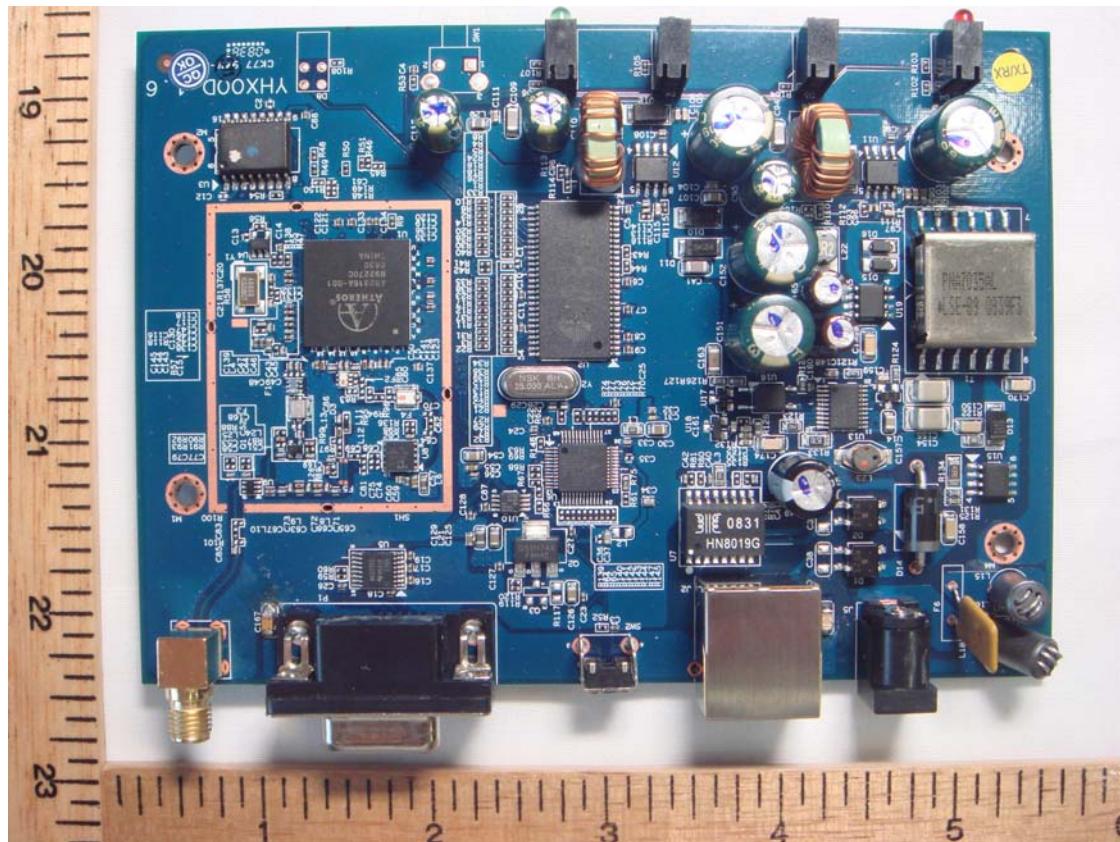
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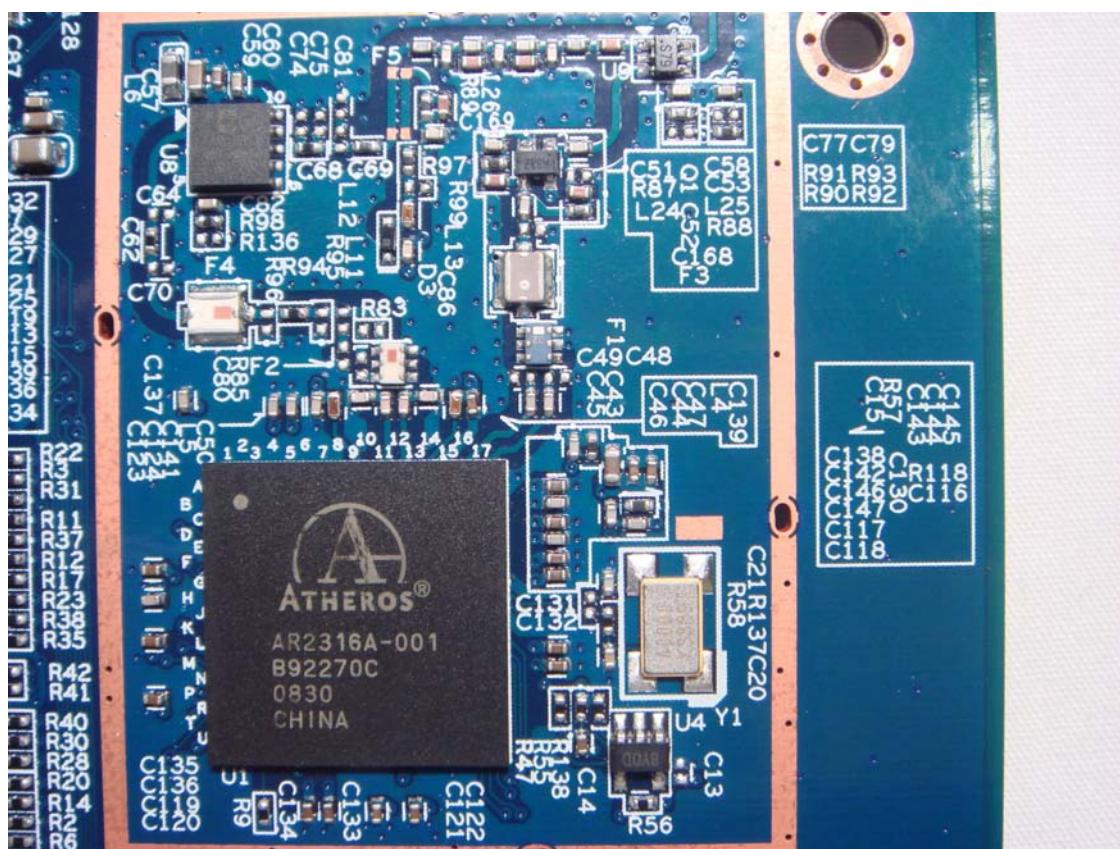
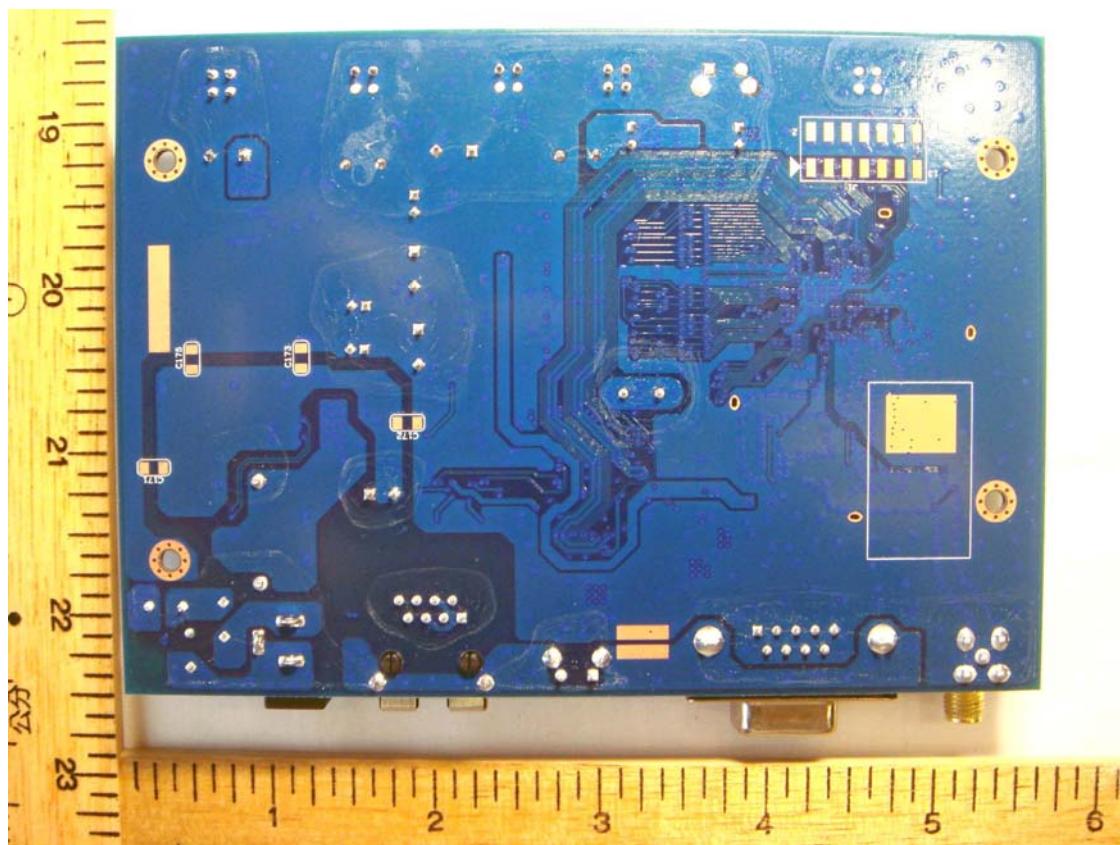




CERPASS TECHNOLOGY CORP.

Report No.: TEF0905217







CERPASS TECHNOLOGY CORP.

Report No.: TEF0905217

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CERPASS TECHNOLOGY CORP.

Report No.: TEF0905217







CERPASS TECHNOLOGY CORP.

Report No.: TEF0905217

FCC



