



FCC 47 CFR PART 15 SUBPART B

Product Type : Wireless Mobile HotSpot
Applicant : Netgear Incorporated
Address : 350 East Plumeria Drive San Jose, CA 95134 United States
Model Number : AirCard 771S
FCC ID : PY3AC771S
Test Specification : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
ANSI C63.4: 2009
CISPR 22: 1997
Receive Date : Feb. 19, 2013
Test Period : Feb. 25 ~ May 24, 2013
Issue Date : May 27, 2013

Issue by

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Taiwan Accreditation Foundation accreditation number: 1330

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Apr. 10, 2013	Initial Issue	
01	Apr. 11, 2013	Revised report info.	Joyce Liao
02	May 27, 2013	Pre-test EUT link to PC.	Joyce Liao

Verification of Compliance

Issued Date: 05/27/2013

Product Type : Wireless Mobile HotSpot
Applicant : Netgear Incorporated
Address : 350 East Plumeria Drive San Jose, CA 95134 United States
Model Number : AirCard 771S
FCC ID : PY3AC771S
Applicable Standard : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
ANSI C63.4: 2009
CISPR 22: 1997
Test Result : Complied

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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 :  (Manager) Reviewed By :  (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	Conducted Emission	PASS	Meet Class B limit
FCC 47 CFR PART 15 SUBPART B ANSI C63.4	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	Wireless Mobile HotSpot
Model Number	AirCard 771S
FCC ID	PY3AC771S
Applicant	Netgear Incorporated 350 East Plumeria Drive San Jose, CA 95134 United States
Manufacturer	Netgear Incorporated 350 East Plumeria Drive San Jose, CA 95134 United States
Component	
Power Adapter	SIERRA, SSW-2458 I/P: 110-240VAC, 50/60Hz, 0.2A O/P: 5.0VDC, 1.0A Cable out: Shielded, 1.2m, Detachable at Power Adapter

I/O Port Description :

I/O Port Types	Q'TY	Test Description
1). USB Port	1	Connected to AC Adapter
2). SIM Card Port	1	Connected to SIM Card

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 + Wi-Fi link mode
Mode 2: GPRS 1900+ Wi-Fi link mode
Mode 3: WCDMA Band II+ Wi-Fi link mode
Mode 4: WCDMA Band V + Wi-Fi link mode
Mode 5: CDMA 800 (BC 0) + Wi-Fi link mode
Mode 6: CDMA 1900 (BC1) + Wi-Fi link mode
Mode 7: CDMA Sec. 800 (BC 10) + Wi-Fi link mode
Mode 8: LTE Band 25 + Wi-Fi link mode
Mode 9: LTE Band 26 + Wi-Fi link mode
Mode 10: LTE Band 41 + Wi-Fi link mode
Mode 11: Link PC mode

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

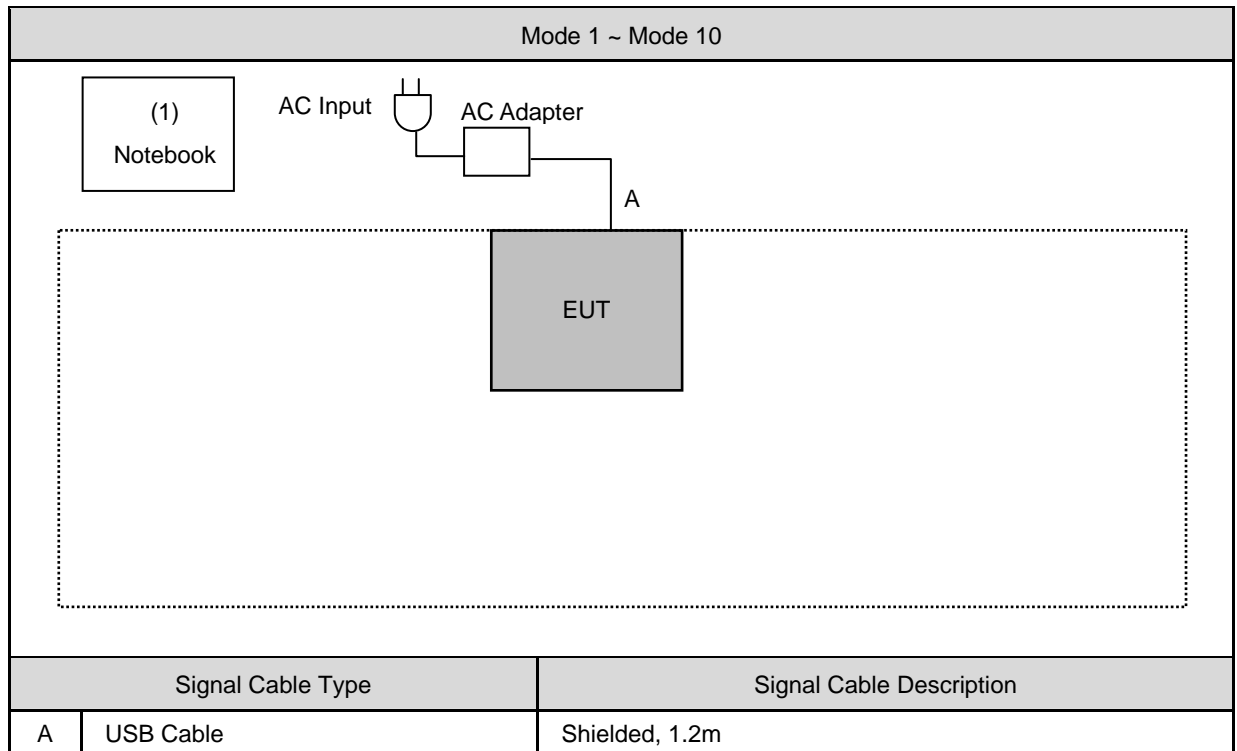
Final Test Mode			
Emission	Conducted Emission		Mode 1 ~ Mode 10
	Radiated Emission	Below 1GHz	Mode 1 ~ Mode 10
		Above 1GHz	Mode 1 ~ Mode 10

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 Wi-Fi function and link to Notebook.
5. The Notebook will show the transmitting and receiving characteristics when the communication is successful.
6. All the peripheral will be retrieved during the test.
7. Repeat the above procedure (4) to (6).

3.3. Configuration of Test System Details



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	DELL	D830	CN-OHN341-48643-88Q-1221	Non-Shielded, 2.0m

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

4.1.4. 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.

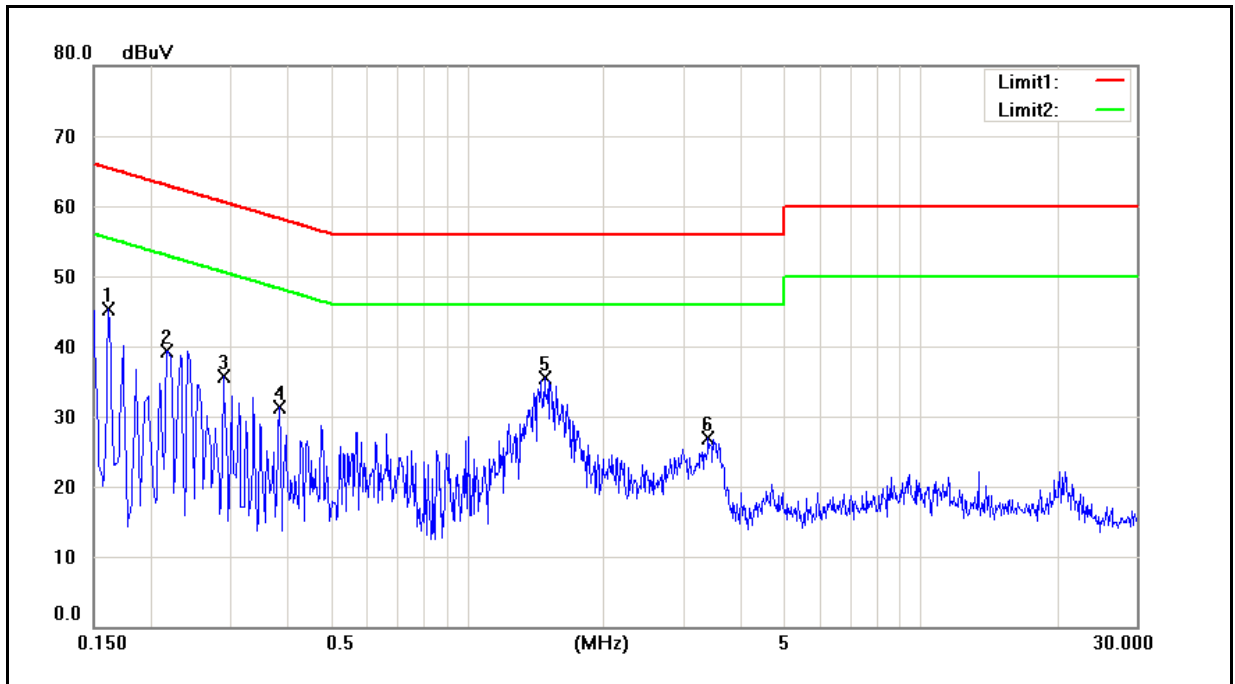
For A.C. mains conducted interference, measured both sides of A.C. lines and carried out using quasi-peak and average detector receivers of maximum conducted interference.

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.

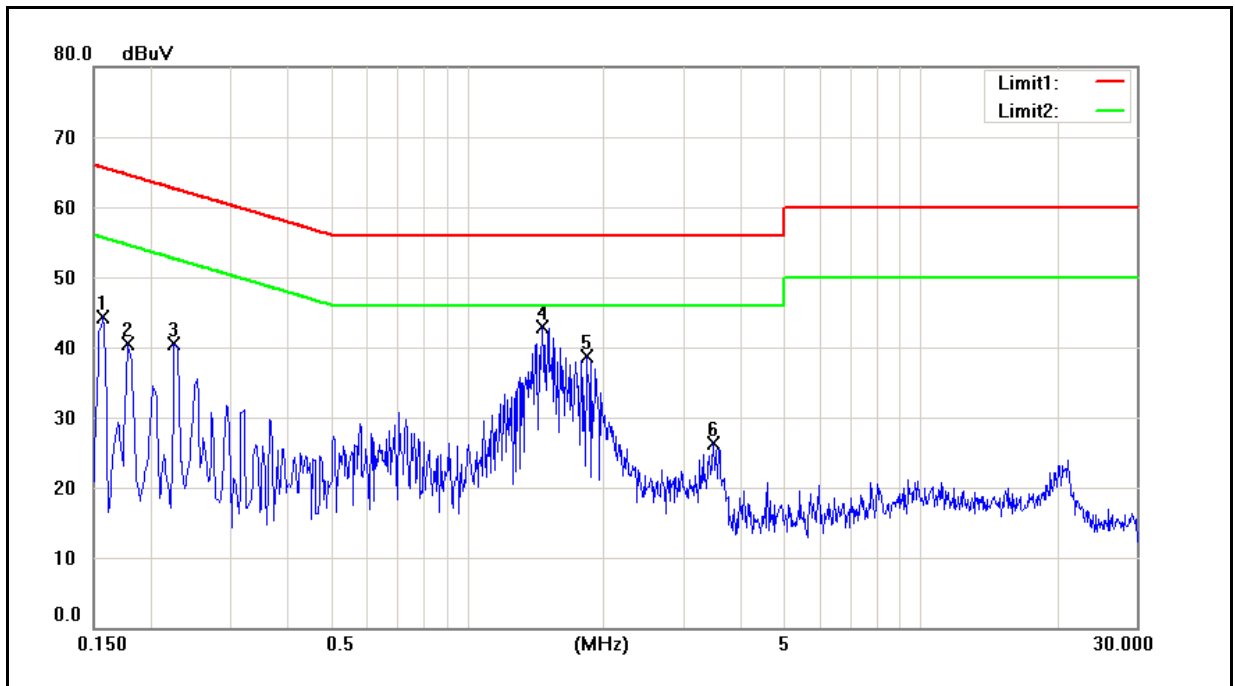
4.1.5. Test Result

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



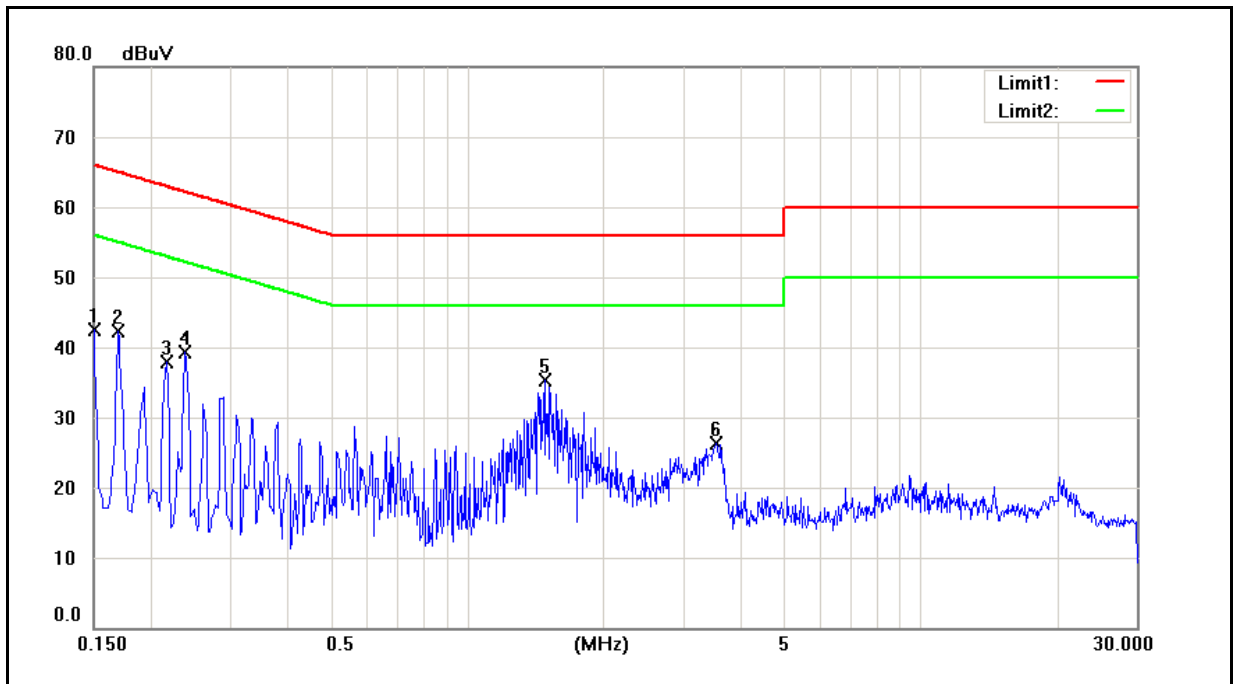
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	29.83	12.95	9.72	39.55	22.67	65.36	55.36	-25.81	-32.69	Pass
2	0.2180	23.78	10.24	9.72	33.50	19.96	62.89	52.89	-29.39	-32.93	Pass
3	0.2900	17.76	6.88	9.72	27.48	16.60	60.52	50.52	-33.04	-33.92	Pass
4	0.3860	13.95	5.28	9.72	23.67	15.00	58.15	48.15	-34.48	-33.15	Pass
5	1.4820	17.34	12.16	9.76	27.10	21.92	56.00	46.00	-28.90	-24.08	Pass
6	3.4020	13.39	6.76	9.82	23.21	16.58	56.00	46.00	-32.79	-29.42	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



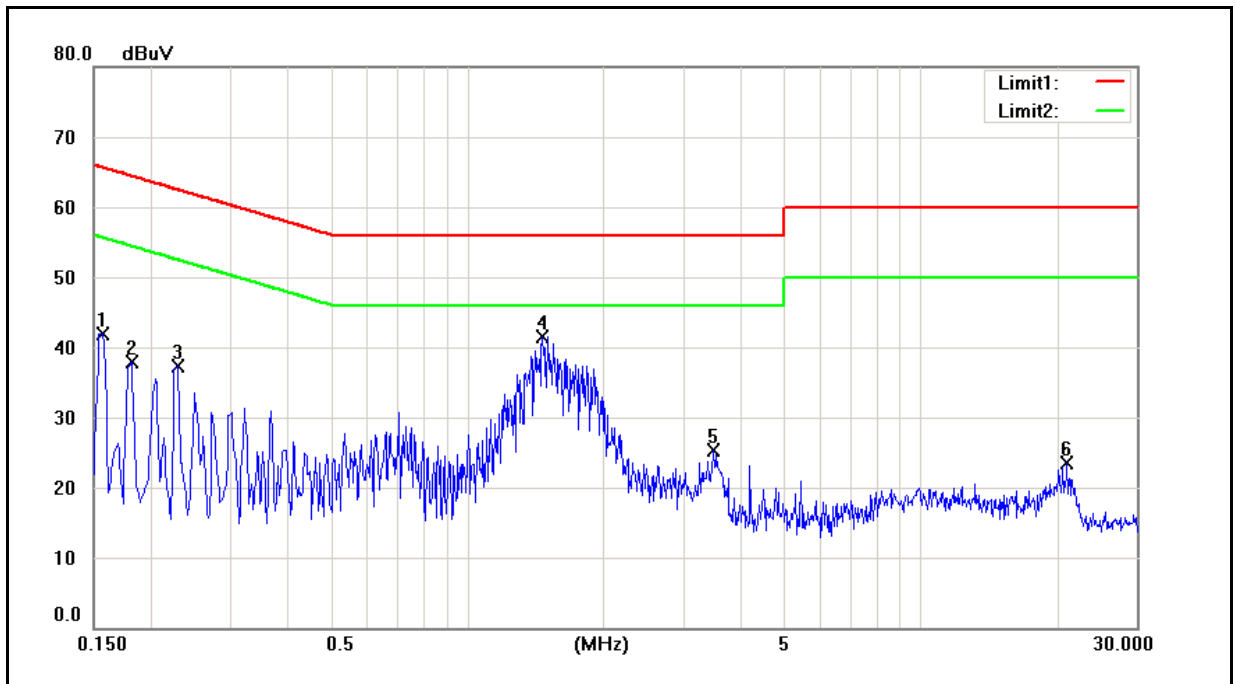
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1	0.1580	29.42	14.36	9.65	39.07	24.01	65.57	55.57	-26.50	-31.56	Pass
2	0.1780	25.08	8.75	9.64	34.72	18.39	64.58	54.58	-29.86	-36.19	Pass
3	0.2260	23.77	10.74	9.64	33.41	20.38	62.60	52.60	-29.19	-32.22	Pass
4	1.4660	22.03	17.19	9.69	31.72	26.88	56.00	46.00	-24.28	-19.12	Pass
5	1.8340	25.20	14.63	9.71	34.91	24.34	56.00	46.00	-21.09	-21.66	Pass
6	3.5020	11.44	2.96	9.75	21.19	12.71	56.00	46.00	-34.81	-33.29	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



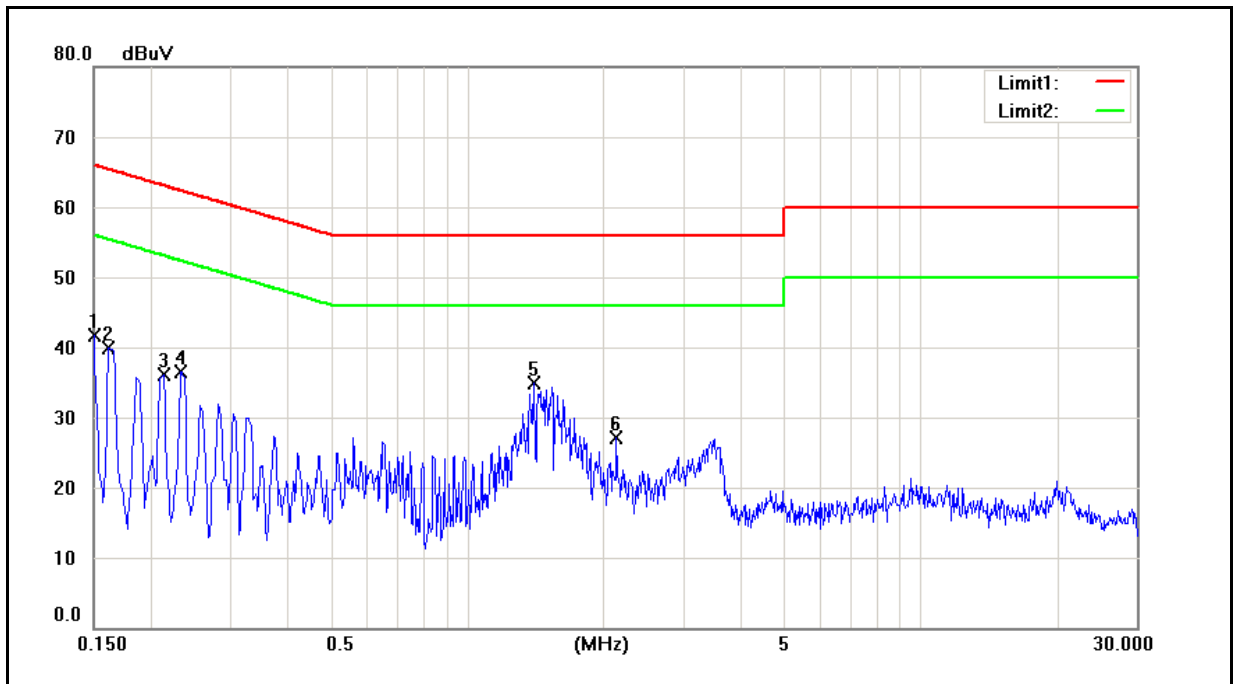
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	29.31	13.98	9.72	39.03	23.70	66.00	56.00	-26.97	-32.30	Pass
2	0.1700	27.32	12.42	9.72	37.04	22.14	64.96	54.96	-27.92	-32.82	Pass
3	0.2180	23.40	10.16	9.72	33.12	19.88	62.89	52.89	-29.77	-33.01	Pass
4	0.2380	22.40	7.54	9.72	32.12	17.26	62.17	52.17	-30.05	-34.91	Pass
5	1.4820	17.14	12.07	9.76	26.90	21.83	56.00	46.00	-29.10	-24.17	Pass
6	3.5620	14.20	5.81	9.82	24.02	15.63	56.00	46.00	-31.98	-30.37	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



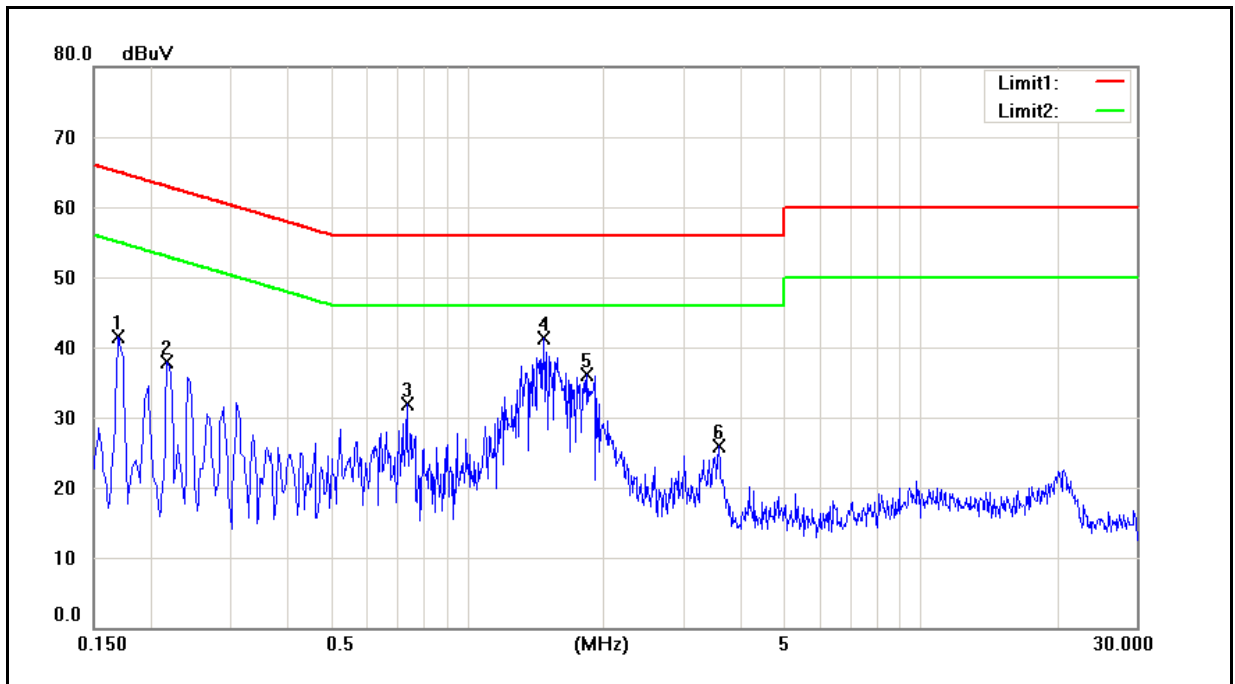
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1	0.1580	29.01	14.14	9.65	38.66	23.79	65.57	55.57	-26.91	-31.78	Pass
2	0.1820	23.02	10.50	9.64	32.66	20.14	64.39	54.39	-31.73	-34.25	Pass
3	0.2300	23.25	12.36	9.64	32.89	22.00	62.45	52.45	-29.56	-30.45	Pass
4	1.4660	29.02	19.32	9.69	38.71	29.01	56.00	46.00	-17.29	-16.99	Pass
5	3.5020	11.90	3.37	9.75	21.65	13.12	56.00	46.00	-34.35	-32.88	Pass
6	21.0580	5.14	-3.91	9.92	15.06	6.01	60.00	50.00	-44.94	-43.99	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



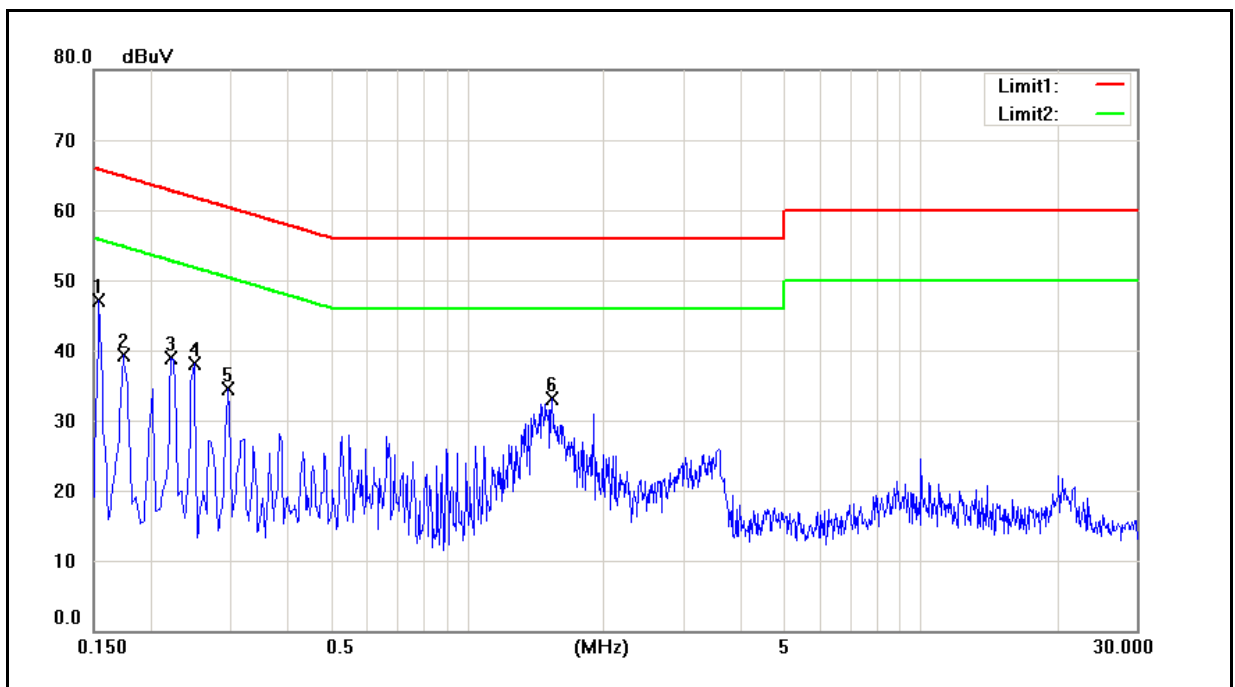
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1	0.1500	28.37	12.36	9.72	38.09	22.08	66.00	56.00	-27.91	-33.92	Pass
2	0.1620	27.14	10.47	9.72	36.86	20.19	65.36	55.36	-28.50	-35.17	Pass
3	0.2140	21.89	10.44	9.72	31.61	20.16	63.05	53.05	-31.44	-32.89	Pass
4	0.2340	21.86	7.63	9.72	31.58	17.35	62.31	52.31	-30.73	-34.96	Pass
5	1.4060	12.07	8.91	9.76	21.83	18.67	56.00	46.00	-34.17	-27.33	Pass
6	2.1340	9.43	1.05	9.80	19.23	10.85	56.00	46.00	-36.77	-35.15	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



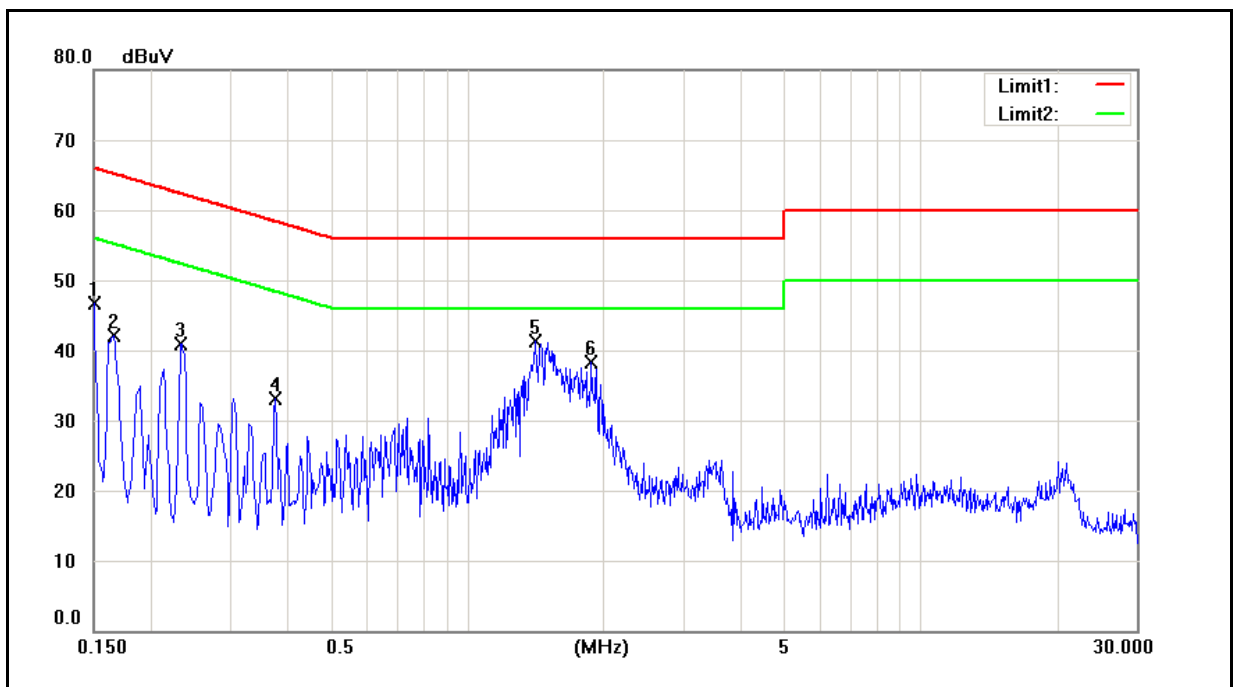
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1	0.1700	25.97	14.47	9.65	35.62	24.12	64.96	54.96	-29.34	-30.84	Pass
2	0.2180	22.24	9.92	9.64	31.88	19.56	62.89	52.89	-31.01	-33.33	Pass
3	0.7380	19.45	12.32	9.66	29.11	21.98	56.00	46.00	-26.89	-24.02	Pass
4	1.4740	26.67	19.69	9.69	36.36	29.38	56.00	46.00	-19.64	-16.62	Pass
5	1.8420	18.20	13.41	9.71	27.91	23.12	56.00	46.00	-28.09	-22.88	Pass
6	3.5940	11.86	2.62	9.74	21.60	12.36	56.00	46.00	-34.40	-33.64	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



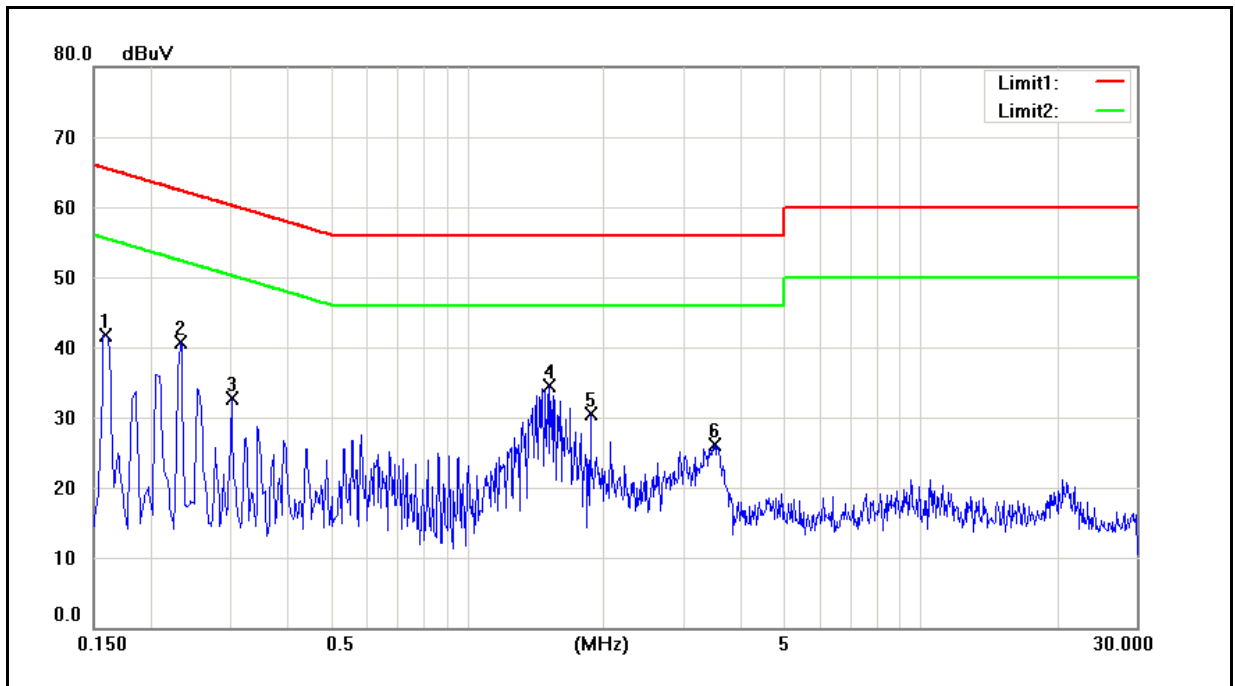
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1	0.1540	29.50	12.28	9.72	39.22	22.00	65.78	55.78	-26.56	-33.78	Pass
2	0.1740	23.82	6.38	9.72	33.54	16.10	64.77	54.77	-31.23	-38.67	Pass
3	0.2220	23.68	5.21	9.72	33.40	14.93	62.74	52.74	-29.34	-37.81	Pass
4	0.2500	18.98	3.46	9.72	28.70	13.18	61.76	51.76	-33.06	-38.58	Pass
5	0.2980	18.06	2.31	9.72	27.78	12.03	60.30	50.30	-32.52	-38.27	Pass
6	1.5380	20.00	12.23	9.76	29.76	21.99	56.00	46.00	-26.24	-24.01	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



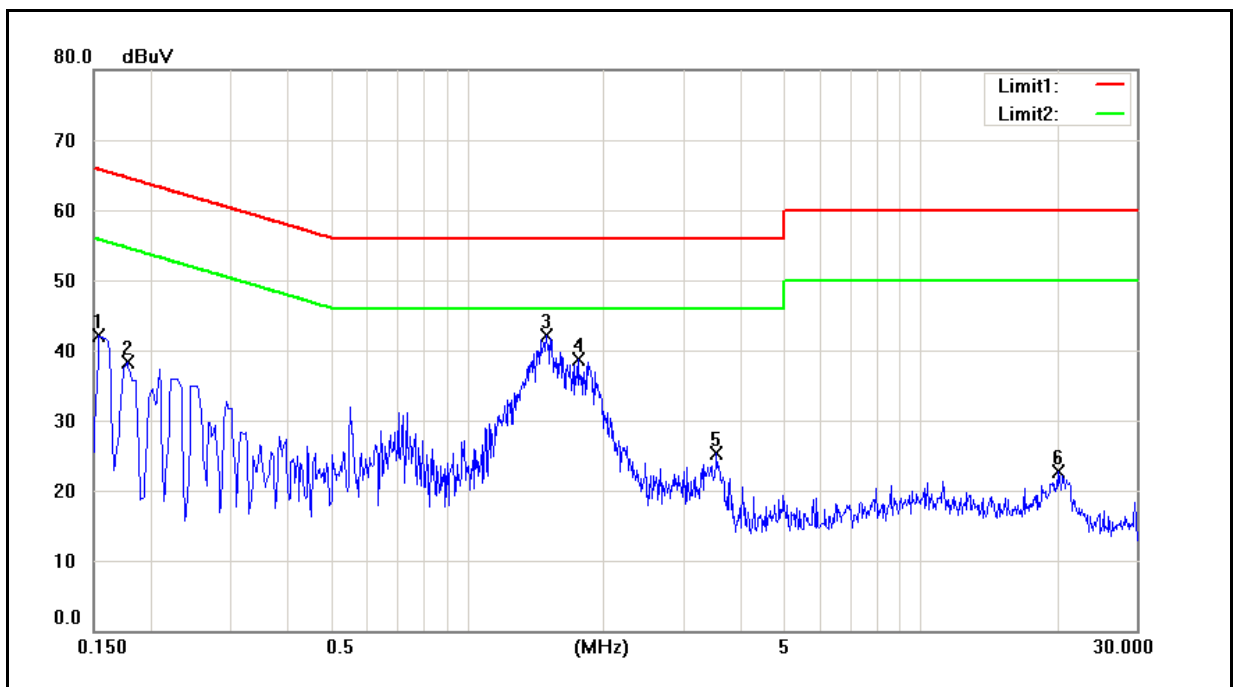
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1	0.1500	29.91	13.35	9.65	39.56	23.00	66.00	56.00	-26.44	-33.00	Pass
2	0.1660	26.50	12.41	9.65	36.15	22.06	65.16	55.16	-29.01	-33.10	Pass
3	0.2340	22.44	8.19	9.64	32.08	17.83	62.31	52.31	-30.23	-34.48	Pass
4	0.3780	13.25	2.36	9.64	22.89	12.00	58.32	48.32	-35.43	-36.32	Pass
5	1.4140	24.19	18.57	9.69	33.88	28.26	56.00	46.00	-22.12	-17.74	Pass
6	1.8820	19.69	13.74	9.72	29.41	23.46	56.00	46.00	-26.59	-22.54	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



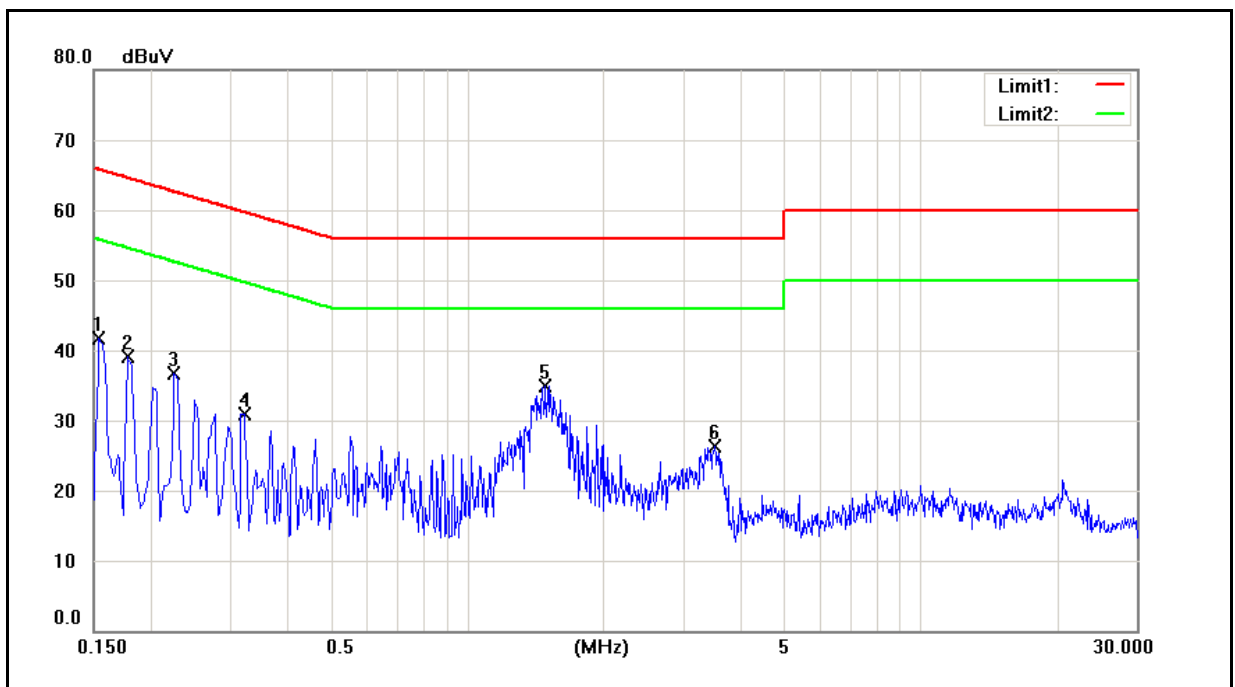
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1	0.1607	28.03	11.56	9.72	37.75	21.28	65.43	55.43	-27.68	-34.15	Pass
2	0.2340	22.49	9.61	9.72	32.21	19.33	62.31	52.31	-30.10	-32.98	Pass
3	0.3020	18.33	4.44	9.72	28.05	14.16	60.19	50.19	-32.14	-36.03	Pass
4	1.5140	16.32	9.72	9.76	26.08	19.48	56.00	46.00	-29.92	-26.52	Pass
5	1.8740	5.15	4.39	9.78	14.93	14.17	56.00	46.00	-41.07	-31.83	Pass
6	3.5100	13.91	7.69	9.82	23.73	17.51	56.00	46.00	-32.27	-28.49	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



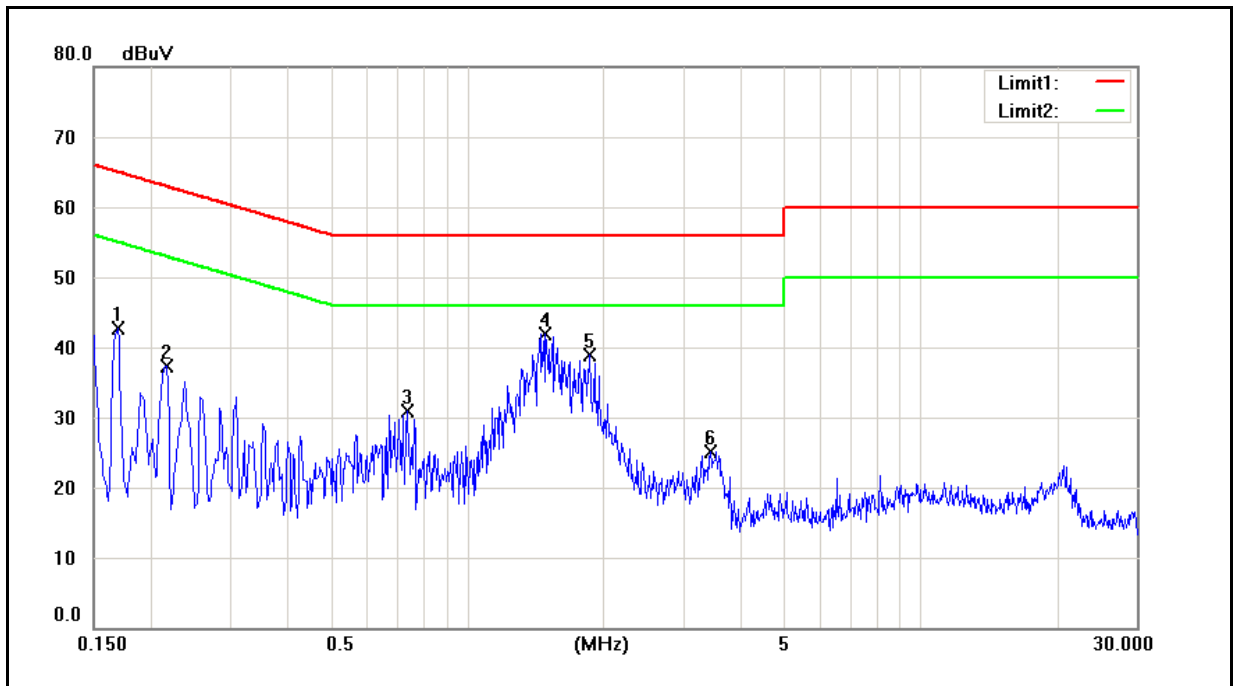
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1	0.1540	29.24	16.10	9.65	38.89	25.75	65.78	55.78	-26.89	-30.03	Pass
2	0.1780	24.22	8.29	9.64	33.86	17.93	64.58	54.58	-30.72	-36.65	Pass
3	1.4980	28.92	19.19	9.69	38.61	28.88	56.00	46.00	-17.39	-17.12	Pass
4	1.7580	23.78	14.54	9.71	33.49	24.25	56.00	46.00	-22.51	-21.75	Pass
5	3.5620	12.16	3.47	9.75	21.91	13.22	56.00	46.00	-34.09	-32.78	Pass
6	20.1380	4.53	-4.07	9.88	14.41	5.81	60.00	50.00	-45.59	-44.19	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



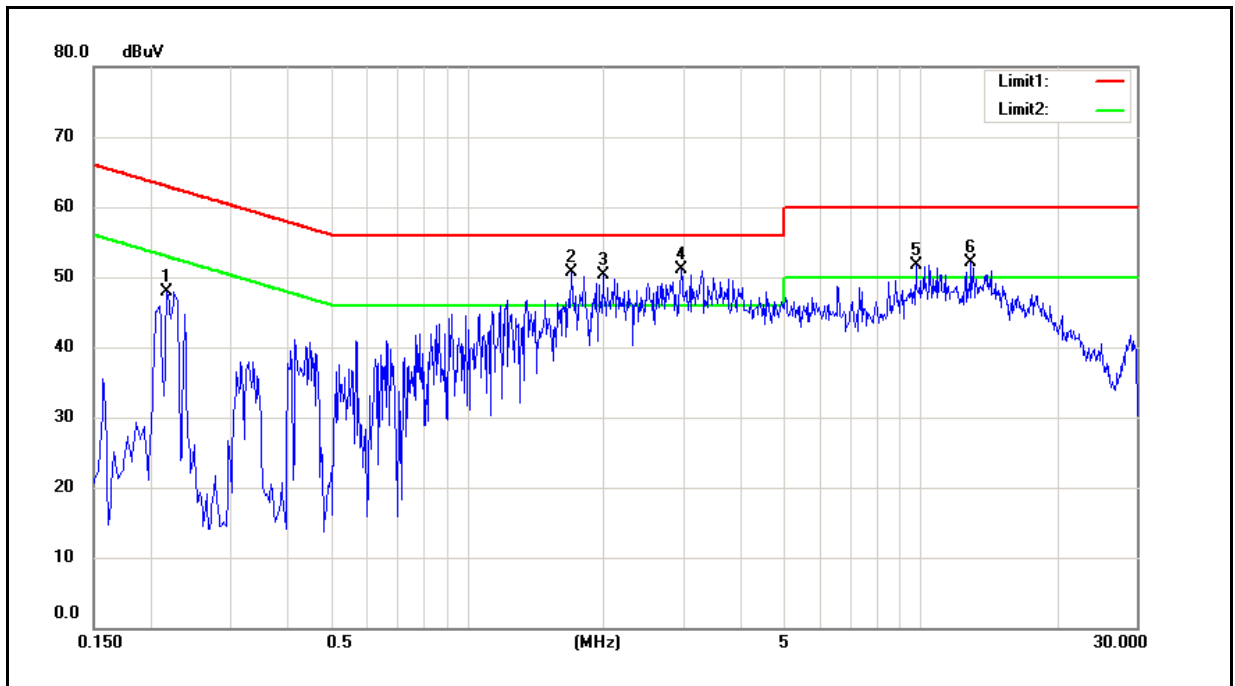
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1	0.1540	29.47	13.60	9.72	39.19	23.32	65.78	55.78	-26.59	-32.46	Pass
2	0.1780	23.55	7.24	9.72	33.27	16.96	64.58	54.58	-31.31	-37.62	Pass
3	0.2260	22.54	8.61	9.72	32.26	18.33	62.60	52.60	-30.34	-34.27	Pass
4	0.3220	15.40	6.33	9.72	25.12	16.05	59.66	49.66	-34.54	-33.61	Pass
5	1.4940	19.94	12.09	9.76	29.70	21.85	56.00	46.00	-26.30	-24.15	Pass
6	3.5260	13.60	7.81	9.82	23.42	17.63	56.00	46.00	-32.58	-28.37	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



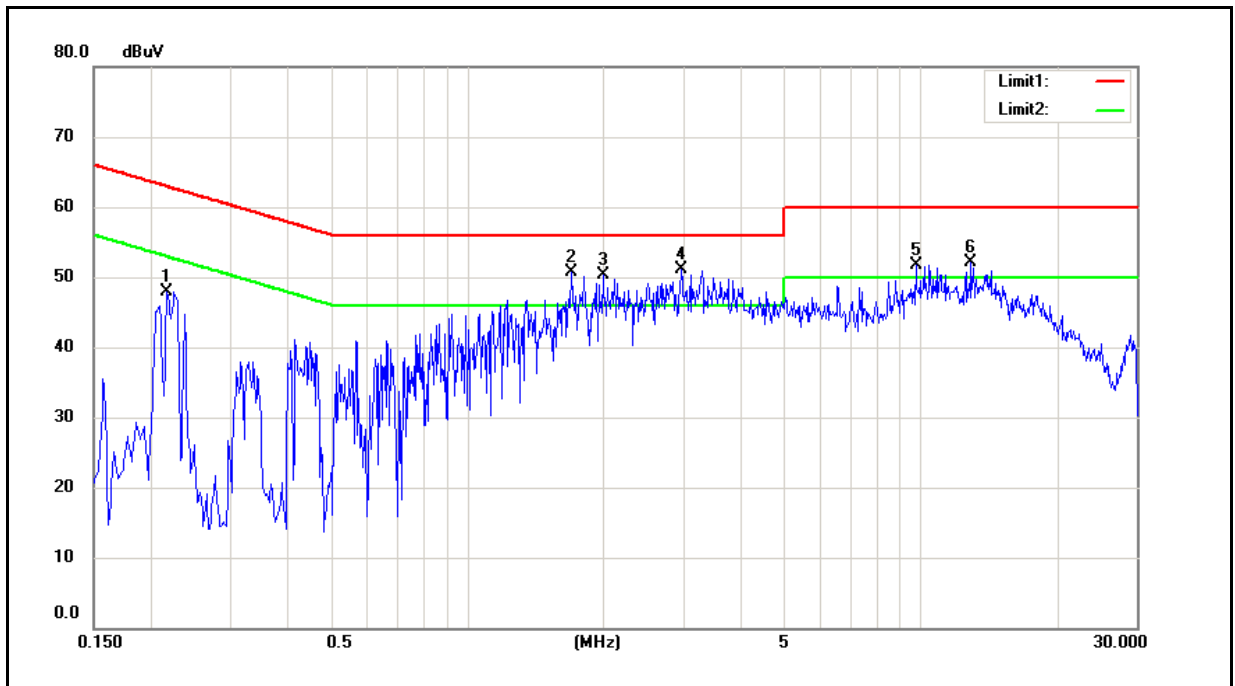
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1	0.1700	25.92	14.37	9.65	35.57	24.02	64.96	54.96	-29.39	-30.94	Pass
2	0.2180	22.64	10.32	9.64	32.28	19.96	62.89	52.89	-30.61	-32.93	Pass
3	0.7380	19.14	12.22	9.66	28.80	21.88	56.00	46.00	-27.20	-24.12	Pass
4	1.4900	28.91	18.97	9.69	38.60	28.66	56.00	46.00	-17.40	-17.34	Pass
5	1.8660	26.81	15.14	9.71	36.52	24.85	56.00	46.00	-19.48	-21.15	Pass
6	3.4500	11.31	4.71	9.74	21.05	14.45	56.00	46.00	-34.95	-31.55	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



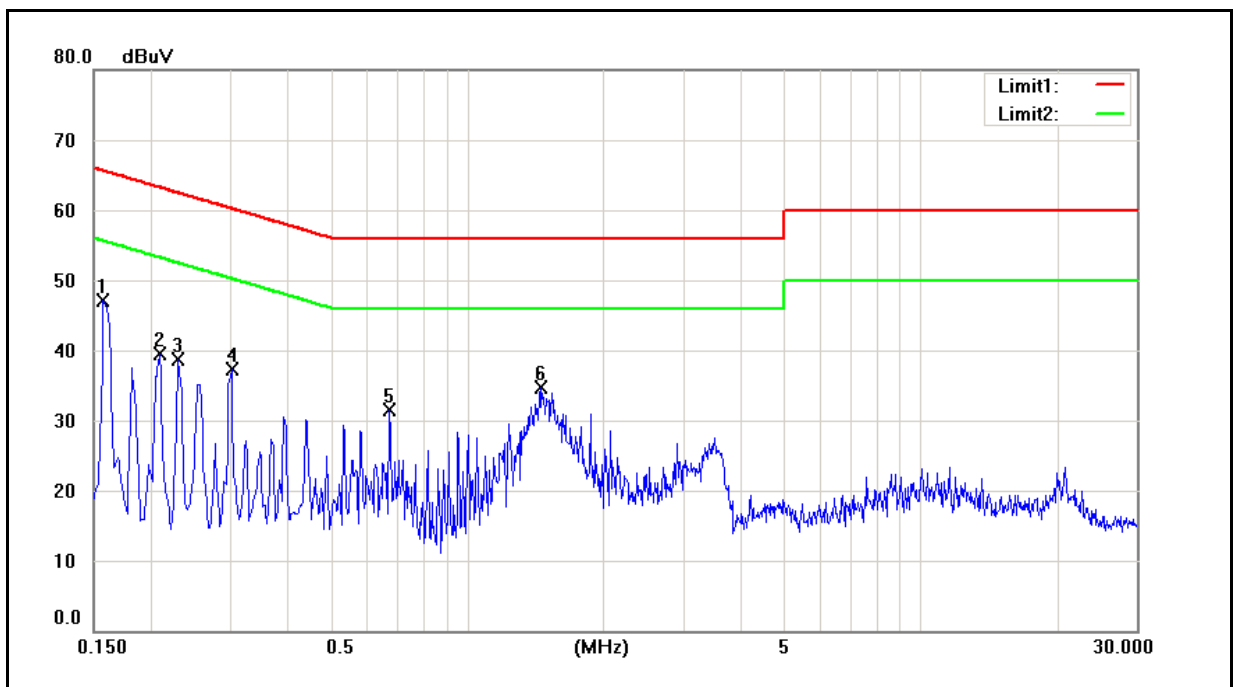
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1	0.2180	34.57	18.79	10.07	44.64	28.86	62.89	52.89	-18.25	-24.03	Pass
2	1.7060	33.96	19.20	9.67	43.63	28.87	56.00	46.00	-12.37	-17.13	Pass
3	1.9980	31.88	18.54	9.71	41.59	28.25	56.00	46.00	-14.41	-17.75	Pass
4	2.9740	32.54	20.87	9.84	42.38	30.71	56.00	46.00	-13.62	-15.29	Pass
5	9.7980	32.33	23.87	10.21	42.54	34.08	60.00	50.00	-17.46	-15.92	Pass
6	12.9460	32.59	23.46	10.34	42.93	33.80	60.00	50.00	-17.07	-16.20	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



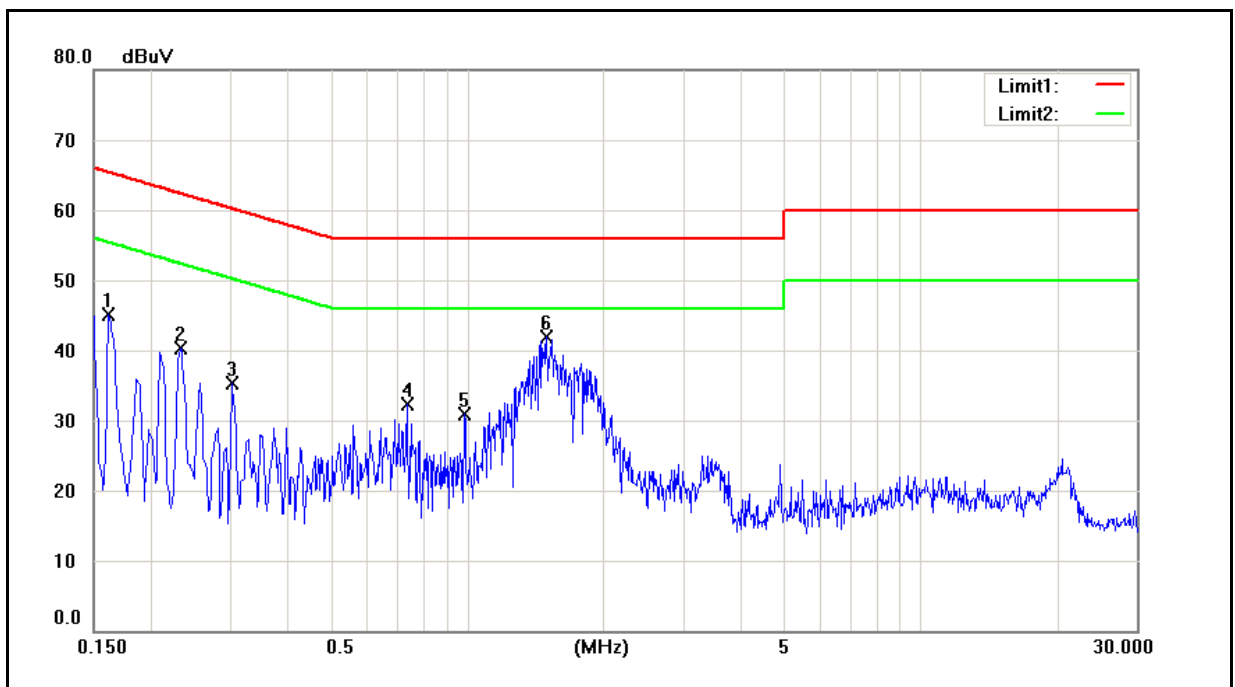
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1	0.2180	34.57	18.79	10.07	44.64	28.86	62.89	52.89	-18.25	-24.03	Pass
2	1.7060	33.96	19.20	9.67	43.63	28.87	56.00	46.00	-12.37	-17.13	Pass
3	1.9980	31.88	18.54	9.71	41.59	28.25	56.00	46.00	-14.41	-17.75	Pass
4	2.9740	32.54	20.87	9.84	42.38	30.71	56.00	46.00	-13.62	-15.29	Pass
5	9.7980	32.33	23.87	10.21	42.54	34.08	60.00	50.00	-17.46	-15.92	Pass
6	12.9460	32.59	23.46	10.34	42.93	33.80	60.00	50.00	-17.07	-16.20	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



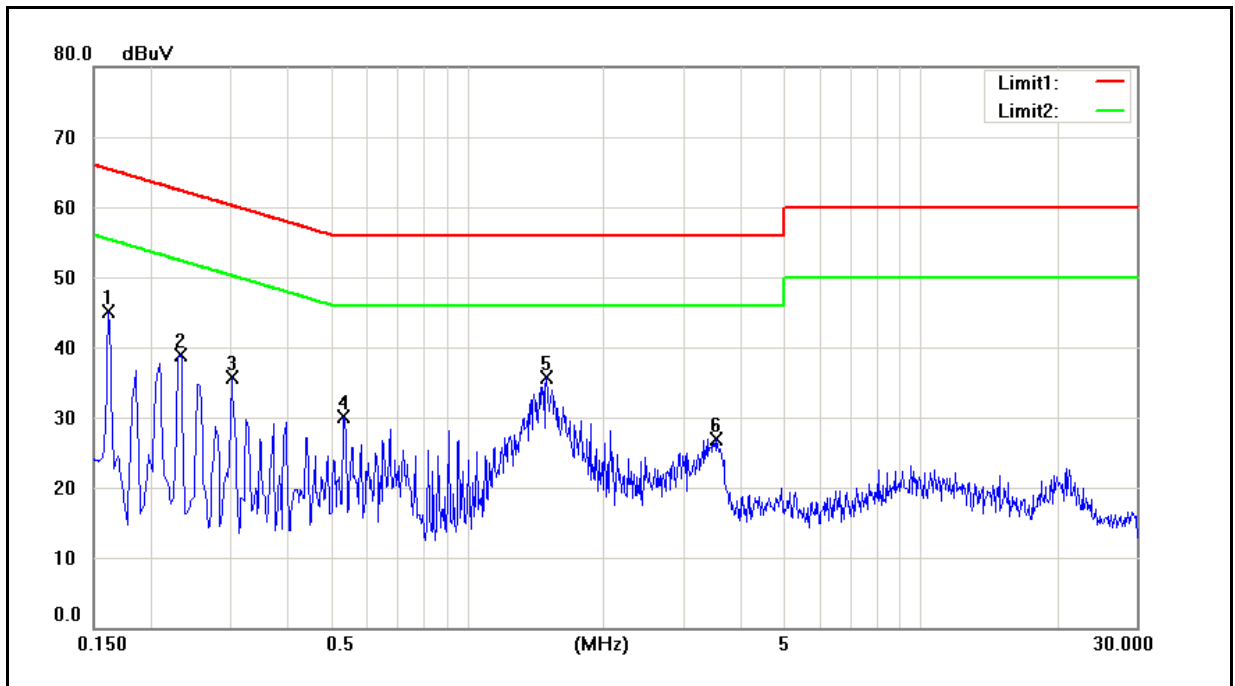
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	28.76	10.03	9.72	38.48	19.75	65.57	55.57	-27.09	-35.82	Pass
2	0.2100	21.02	5.21	9.72	30.74	14.93	63.21	53.21	-32.47	-38.28	Pass
3	0.2300	23.46	8.54	9.72	33.18	18.26	62.45	52.45	-29.27	-34.19	Pass
4	0.3020	18.31	2.88	9.72	28.03	12.60	60.19	50.19	-32.16	-37.59	Pass
5	0.6740	11.05	5.29	9.72	20.77	15.01	56.00	46.00	-35.23	-30.99	Pass
6	1.4500	21.05	12.07	9.76	30.81	21.83	56.00	46.00	-25.19	-24.17	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



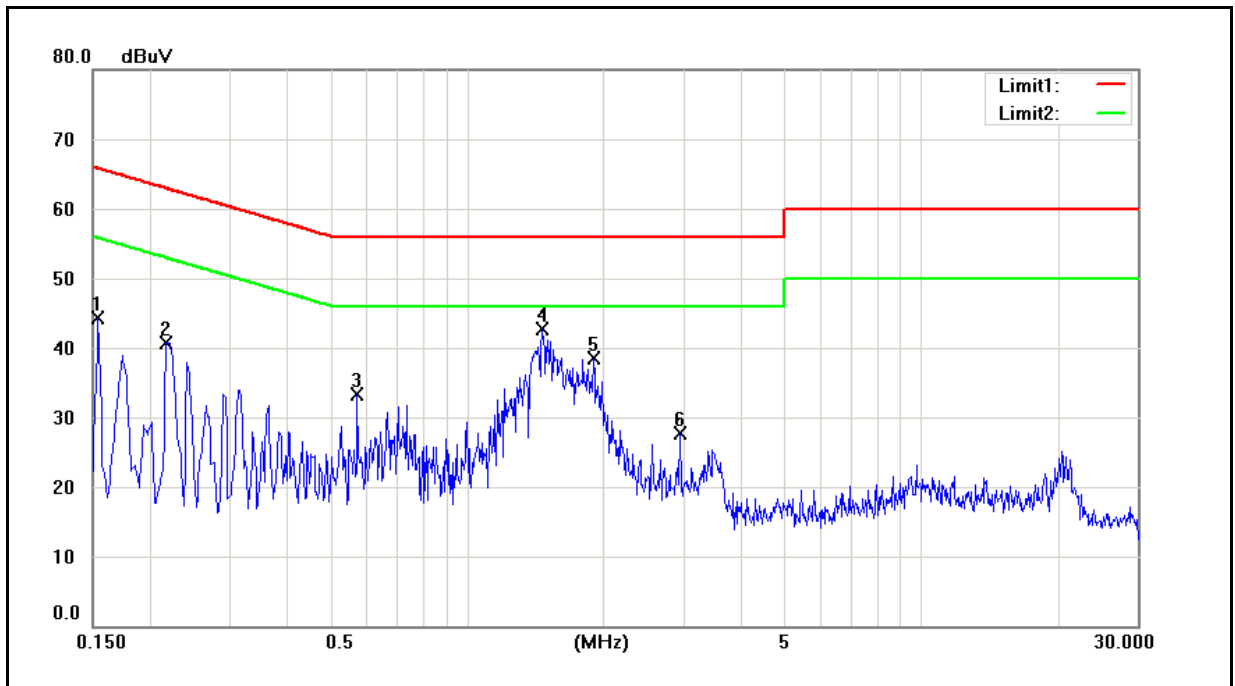
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	27.80	9.06	9.65	37.45	18.71	65.36	55.36	-27.91	-36.65	Pass
2	0.2340	22.77	7.94	9.64	32.41	17.58	62.31	52.31	-29.90	-34.73	Pass
3	0.3020	18.66	3.69	9.64	28.30	13.33	60.19	50.19	-31.89	-36.86	Pass
4	0.7380	19.08	11.34	9.66	28.74	21.00	56.00	46.00	-27.26	-25.00	Pass
5	0.9860	11.08	4.27	9.68	20.76	13.95	56.00	46.00	-35.24	-32.05	Pass
6	1.4980	28.39	18.91	9.69	38.08	28.60	56.00	46.00	-17.92	-17.40	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



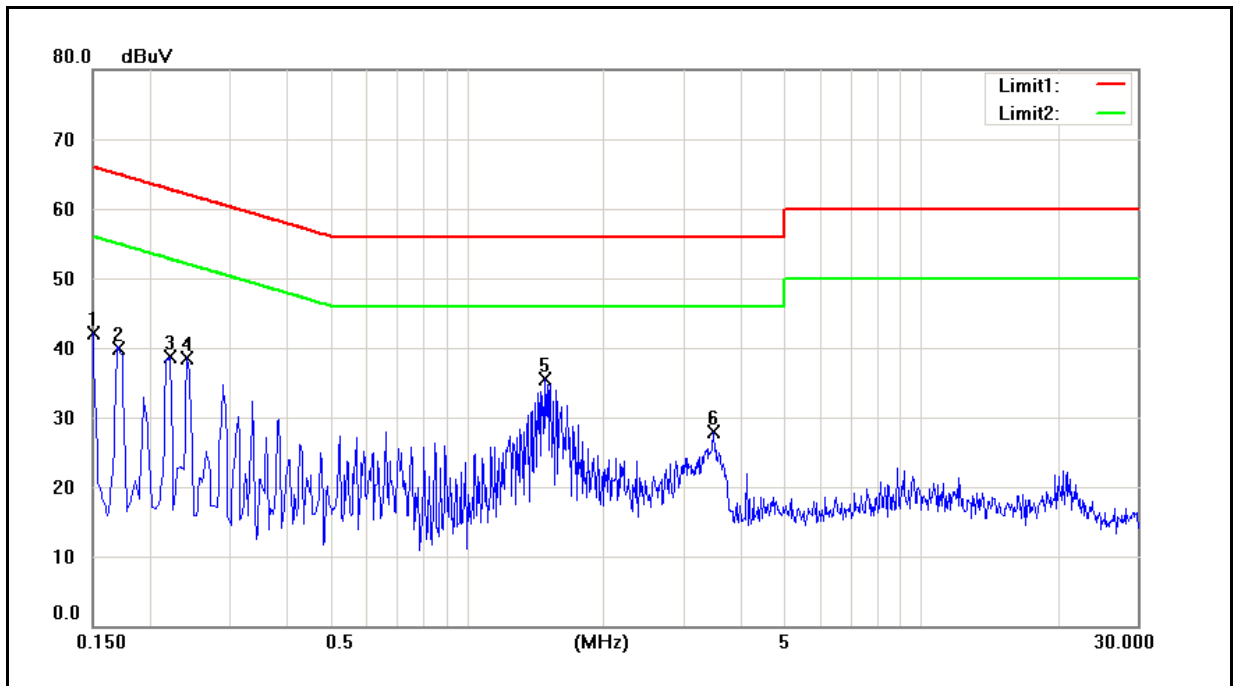
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	27.80	8.80	9.72	37.52	18.52	65.36	55.36	-27.84	-36.84	Pass
2	0.2340	22.78	7.56	9.72	32.50	17.28	62.31	52.31	-29.81	-35.03	Pass
3	0.3020	18.46	2.74	9.72	28.18	12.46	60.19	50.19	-32.01	-37.73	Pass
4	0.5340	10.89	2.50	9.72	20.61	12.22	56.00	46.00	-35.39	-33.78	Pass
5	1.4980	20.97	12.09	9.76	30.73	21.85	56.00	46.00	-25.27	-24.15	Pass
6	3.5420	14.07	7.82	9.82	23.89	17.64	56.00	46.00	-32.11	-28.36	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9	Date:	02/25/2013
		Test By:	Frank Lin
Description:			



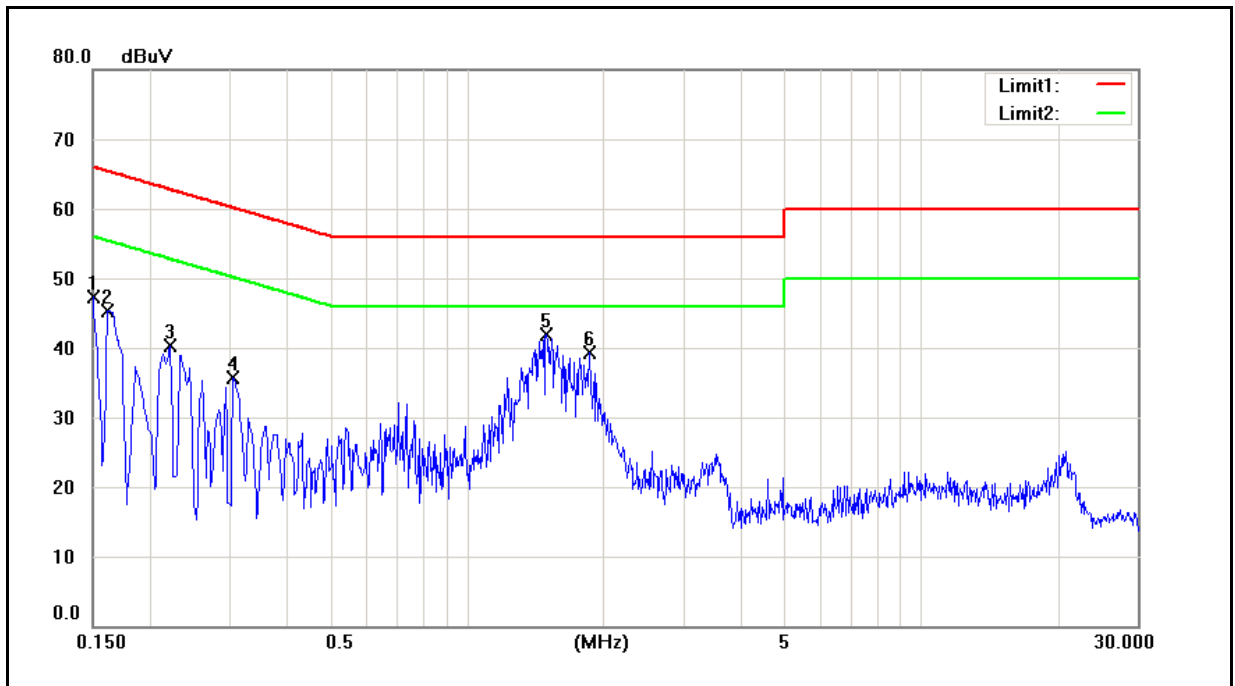
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1540	29.84	14.48	9.65	39.49	24.13	65.78	55.78	-26.29	-31.65	Pass
2	0.2180	24.00	9.36	9.64	33.64	19.00	62.89	52.89	-29.25	-33.89	Pass
3	0.5740	9.10	3.20	9.64	18.74	12.84	56.00	46.00	-37.26	-33.16	Pass
4	1.4660	24.05	19.11	9.69	33.74	28.80	56.00	46.00	-22.26	-17.20	Pass
5	1.8980	26.08	14.20	9.72	35.80	23.92	56.00	46.00	-20.20	-22.08	Pass
6	2.9500	8.07	0.21	9.75	17.82	9.96	56.00	46.00	-38.18	-36.04	Pass

Standard:	FCC Part 15B Class B	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10	Date:	02/25/2013
		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	0.1500	30.32	11.35	9.72	40.04	21.07	66.00	56.00	-25.96	-34.93	Pass
2	0.1731	24.88	8.94	9.72	34.60	18.66	64.81	54.81	-30.21	-36.15	Pass
3	0.2220	24.24	6.14	9.72	33.96	15.86	62.74	52.74	-28.78	-36.88	Pass
4	0.2420	21.11	5.65	9.72	30.83	15.37	62.03	52.03	-31.20	-36.66	Pass
5	1.4820	21.11	11.73	9.76	30.87	21.49	56.00	46.00	-25.13	-24.51	Pass
6	3.4940	13.62	7.67	9.82	23.44	17.49	56.00	46.00	-32.56	-28.51	Pass

Standard:	FCC Part 15B Class B	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10	Date:	02/25/2013
		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	0.1500	30.58	13.65	9.65	40.23	23.30	66.00	56.00	-25.77	-32.70	Pass
2	0.1620	28.30	9.60	9.65	37.95	19.25	65.36	55.36	-27.41	-36.11	Pass
3	0.2220	24.54	6.15	9.64	34.18	15.79	62.74	52.74	-28.56	-36.95	Pass
4	0.3060	18.15	7.33	9.64	27.79	16.97	60.08	50.08	-32.29	-33.11	Pass
5	1.4980	27.57	18.27	9.69	37.26	27.96	56.00	46.00	-18.74	-18.04	Pass
6	1.8660	26.82	15.31	9.71	36.53	25.02	56.00	46.00	-19.47	-20.98	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)
Wideband Radio Communication Test	R & S	CMW500	103168	11/30/2012	(1)
Test Site	ATL	TE06	TE06	08/13/2012	(1)

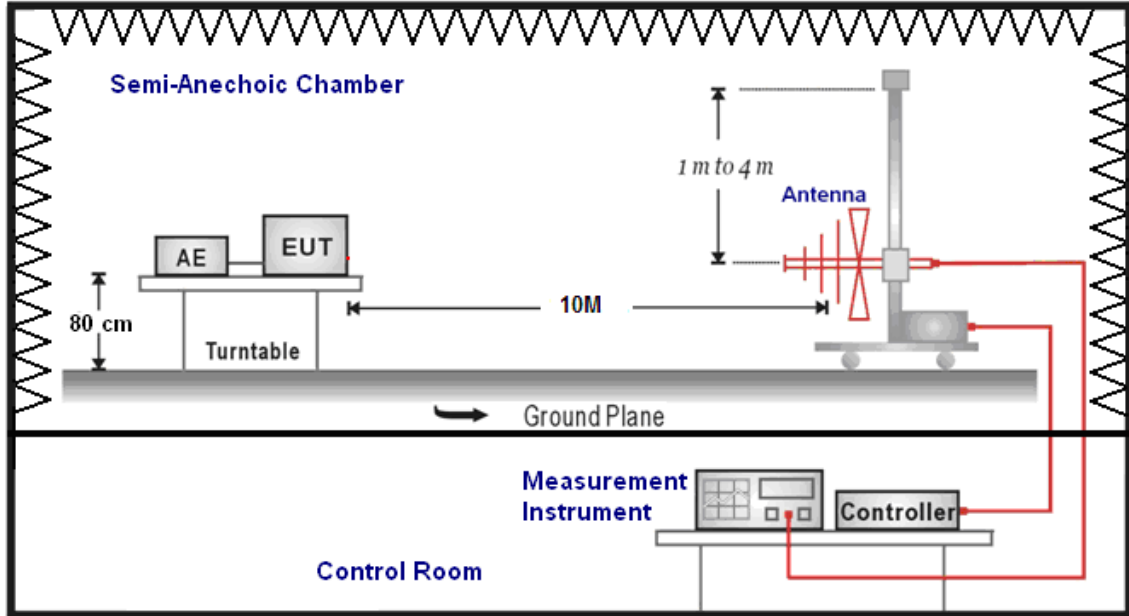
3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/10/2012	(1)
Amplifier	Mini-Circuits	ZKL-1R5+	072010	05/29/2012	(1)
Amplifier	Mini-Circuits	ZVA-213-S+	467900926	05/29/2012	(1)
RF Pre-selector	Agilent	N9039A	MY46520255	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)
Wideband Radio Communication Test	R & S	CMW500	103168	11/30/2012	(1)
Test Site	ATL	TE09	TE09	05/11/2012	(1)

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

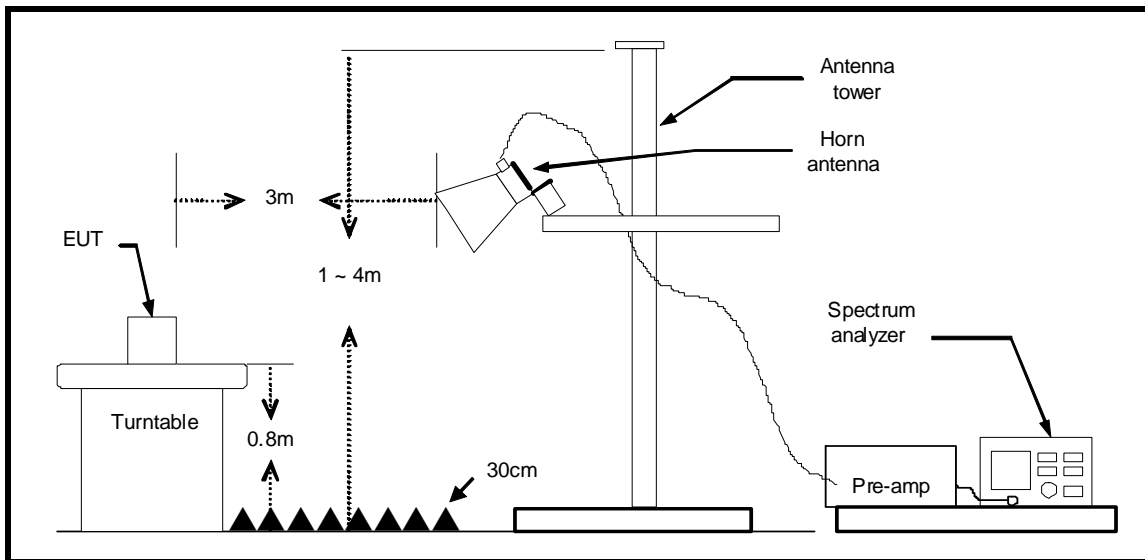
Note: N.C.R. = No Calibration Request.

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

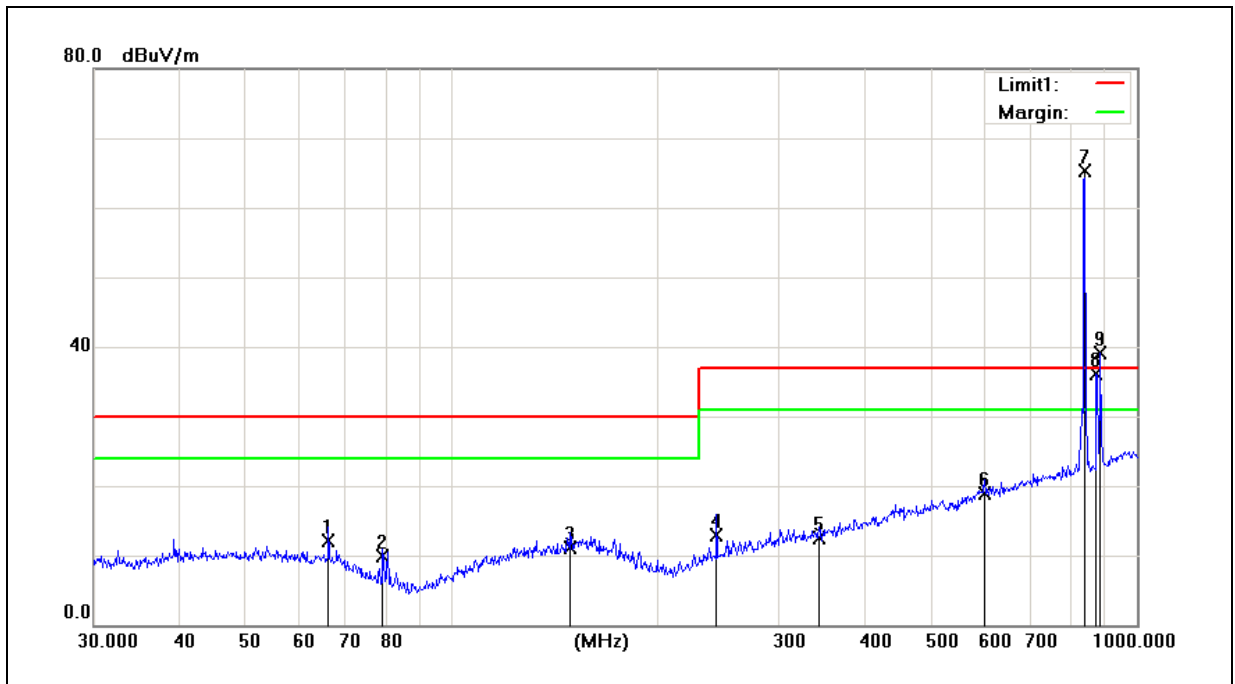
According to this standard paragraph 15.109, as an alternative to the radiated emission limits, digital devices may be shown to comply with the standards contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22, "Information Technology Equipment - Radio 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:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



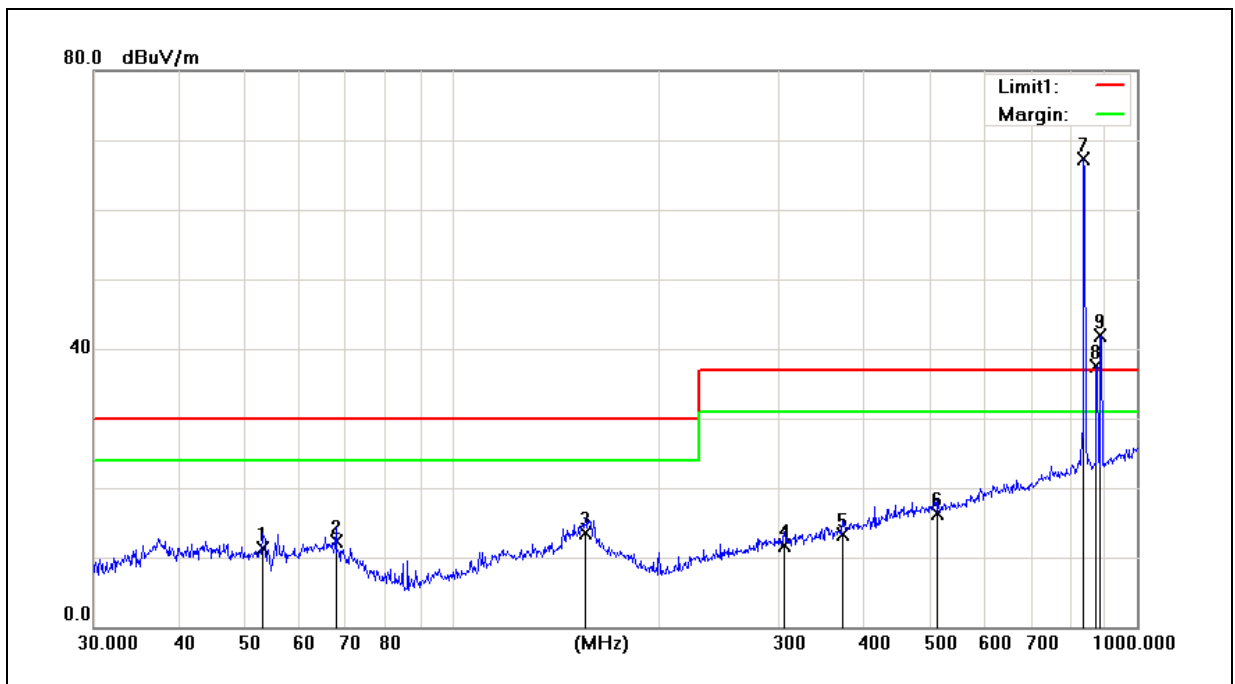
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	66.0342	28.12	-16.02	12.10	30.00	-17.90	400	96	QP
2	79.2426	28.46	-18.56	9.90	30.00	-20.10	400	236	QP
3	148.9625	24.73	-13.53	11.20	30.00	-18.80	200	4	QP
4	243.3772	26.87	-13.97	12.90	37.00	-24.10	300	239	QP
5	343.1800	21.73	-9.13	12.60	37.00	-24.40	200	86	QP
6	599.3212	24.84	-5.94	18.90	37.00	-18.10	200	1	QP
7	839.1817	67.20	-1.98	65.22	N/A	N/A	300	360	TX
8	875.2470	37.35	-1.28	36.07	N/A	N/A	200	15	BS
9	884.5028	40.11	-1.09	39.02	N/A	N/A	300	259	RX

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:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



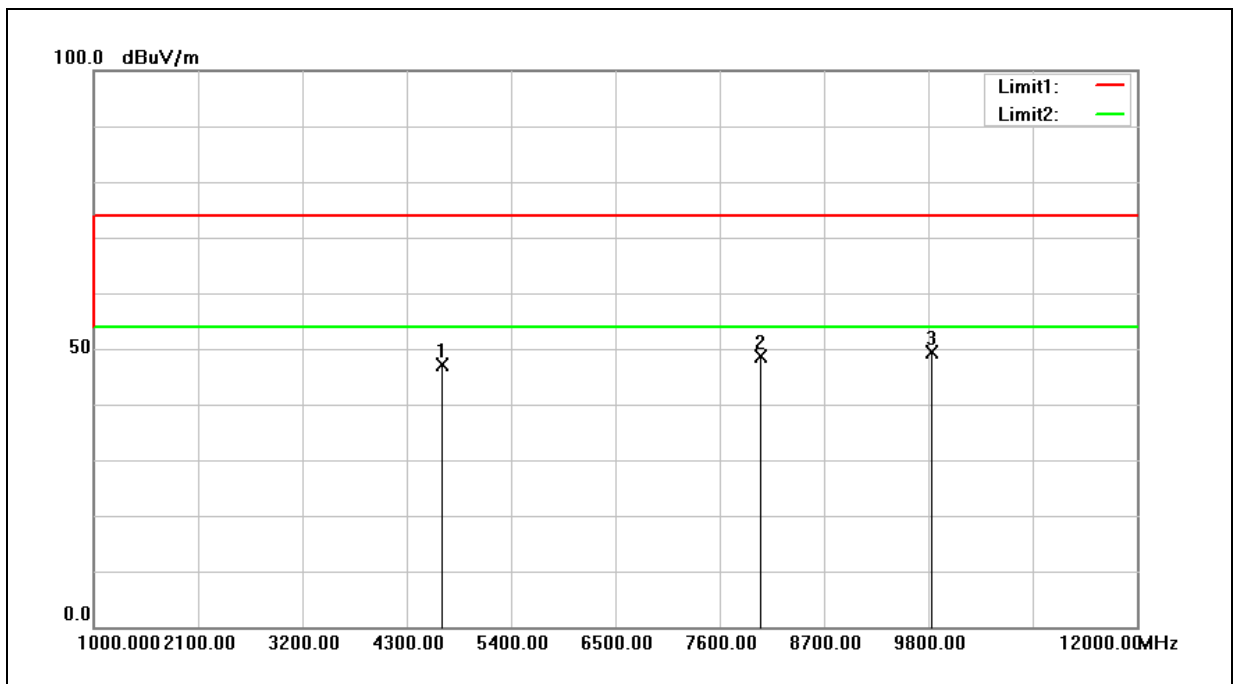
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	52.9453	25.80	-14.40	11.40	30.00	-18.60	201	0	QP
2	67.6751	28.02	-15.72	12.30	30.00	-17.70	100	293	QP
3	156.4578	26.05	-12.45	13.60	30.00	-16.40	101	360	QP
4	305.6800	22.16	-10.46	11.70	37.00	-25.30	246	0	QP
5	372.0045	22.63	-9.33	13.30	37.00	-23.70	300	349	QP
6	510.0436	22.73	-6.43	16.30	37.00	-20.70	400	0	QP
7	839.1817	66.86	0.43	67.29	N/A	N/A	200	175	TX
8	875.2470	36.43	1.05	37.48	N/A	N/A	300	153	BS
9	884.5028	40.68	1.18	41.86	N/A	N/A	400	80	RX

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

RX: the receiving signal of Universal Radio Communication Tester.

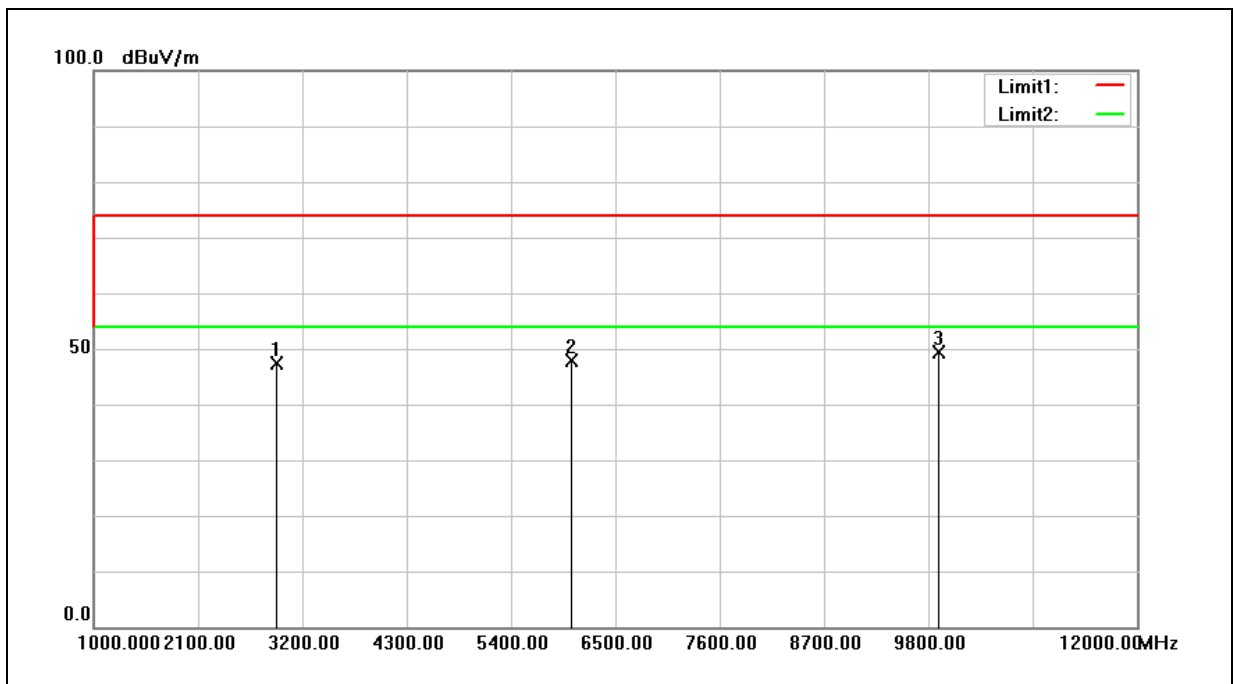
BS: the signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



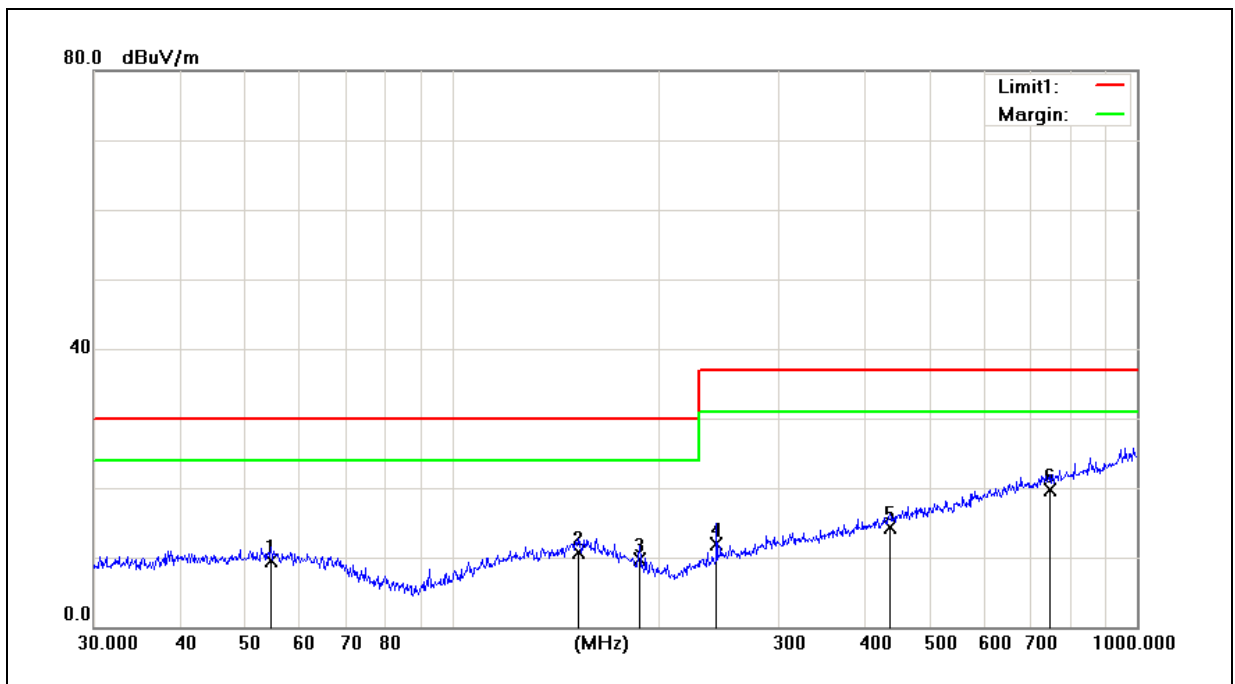
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4674.000	60.14	-12.97	47.17	74.00	-26.83	peak
2	8029.000	56.33	-7.60	48.73	74.00	-25.27	peak
3	9833.000	53.81	-4.38	49.43	74.00	-24.57	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	1 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



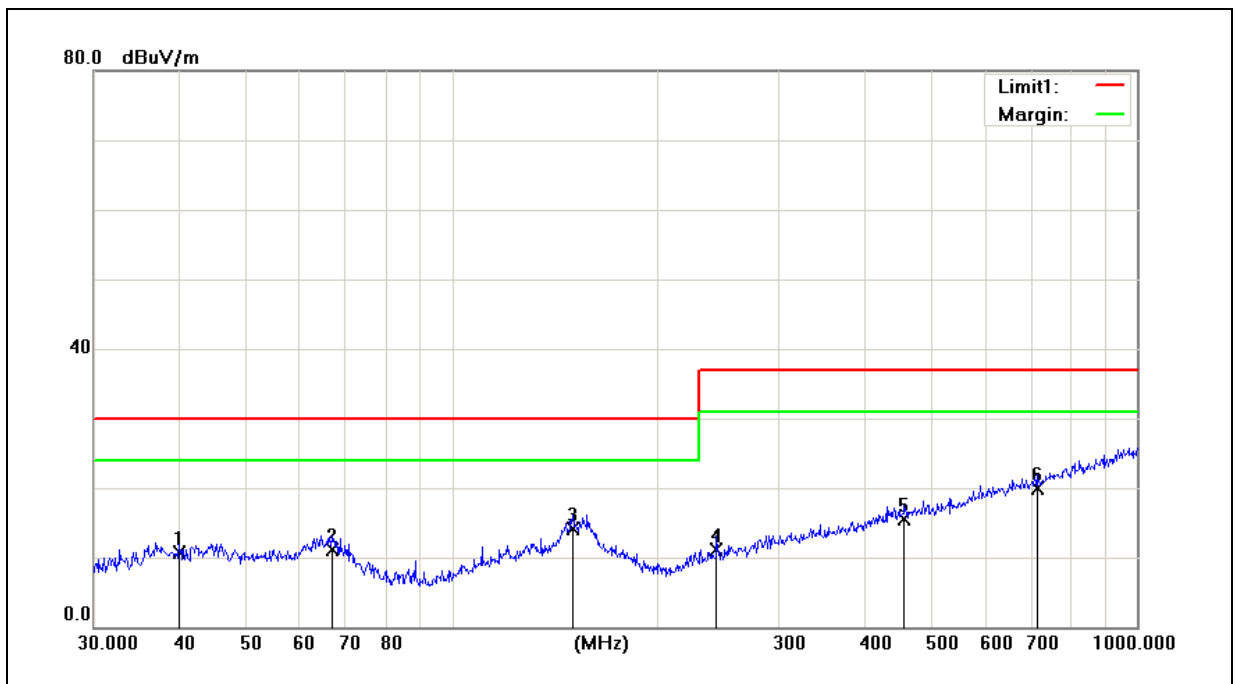
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2925.000	64.22	-16.89	47.33	74.00	-26.67	peak
2	6038.000	57.86	-9.93	47.93	74.00	-26.07	peak
3	9910.000	53.52	-4.16	49.36	74.00	-24.64	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



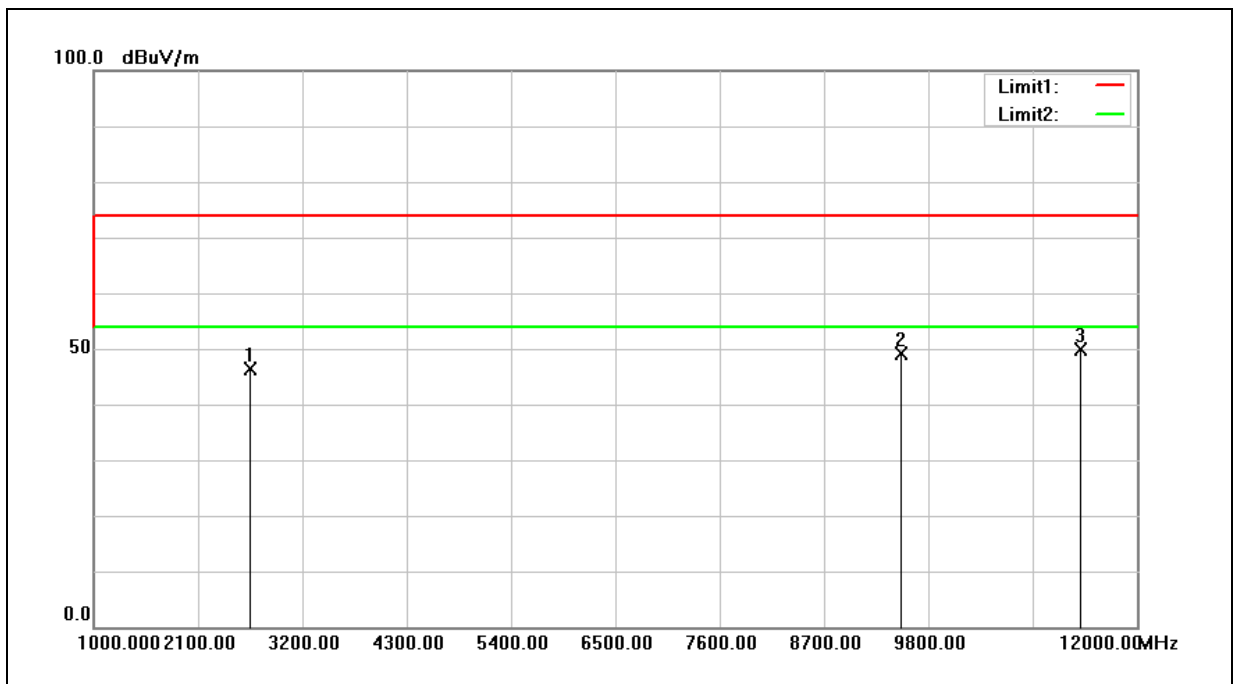
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	54.4516	24.61	-15.11	9.50	30.00	-20.50	400	0	QP
2	152.6641	24.10	-13.40	10.70	30.00	-19.30	400	313	QP
3	187.7530	25.29	-15.59	9.70	30.00	-20.30	200	170	QP
4	243.3772	25.87	-13.97	11.90	37.00	-25.10	300	338	QP
5	435.5898	23.67	-9.27	14.40	37.00	-22.60	100	192	QP
6	747.4825	23.08	-3.28	19.80	37.00	-17.20	300	217	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



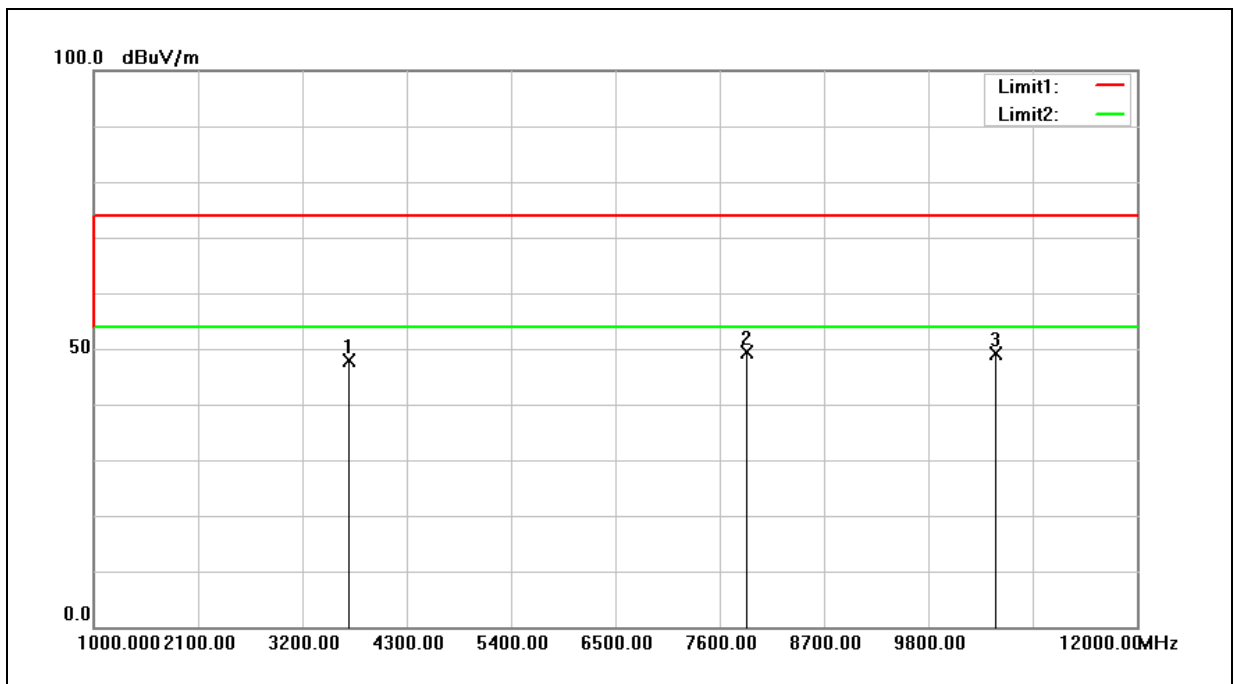
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	39.9942	25.66	-14.86	10.80	30.00	-19.20	101	360	QP
2	66.7325	26.69	-15.59	11.10	30.00	-18.90	200	332	QP
3	150.0108	26.77	-12.67	14.10	30.00	-15.90	100	316	QP
4	243.3772	23.95	-12.85	11.10	37.00	-25.90	200	153	QP
5	457.5073	22.57	-7.07	15.50	37.00	-21.50	346	360	QP
6	714.1734	21.95	-2.05	19.90	37.00	-17.10	400	340	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



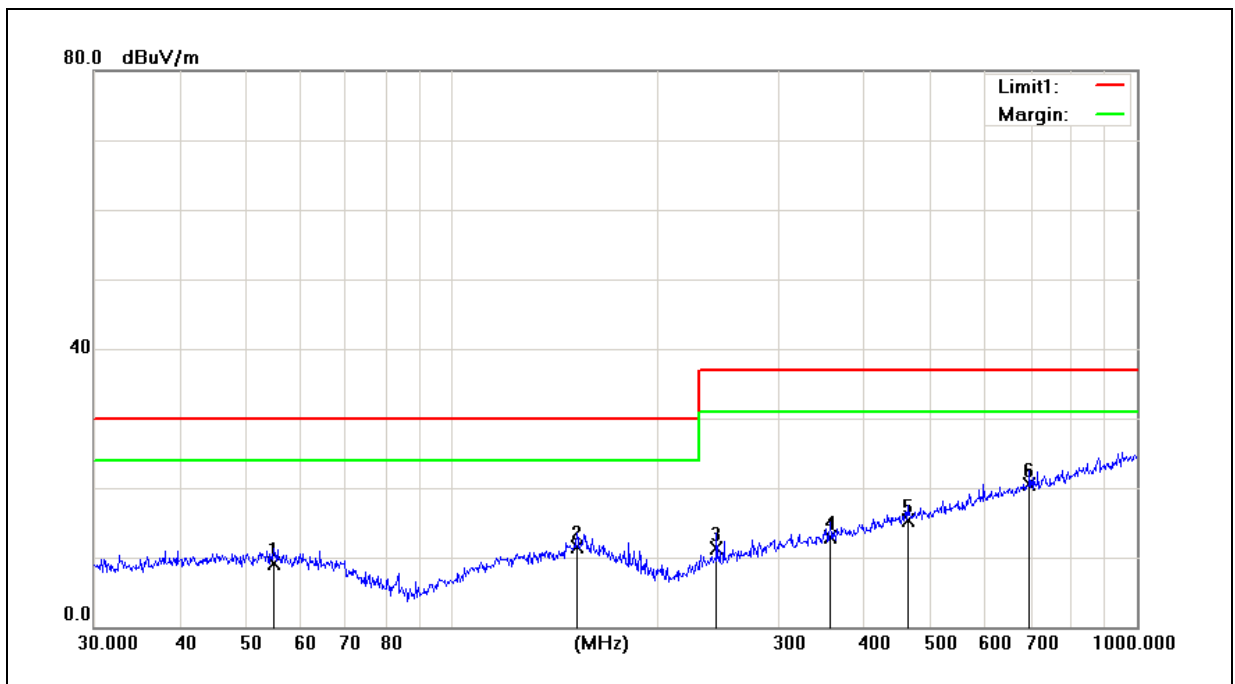
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2650.000	64.17	-17.69	46.48	74.00	-27.52	peak
2	9514.000	54.35	-5.30	49.05	74.00	-24.95	peak
3	11406.000	51.64	-1.79	49.85	74.00	-24.15	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	2 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



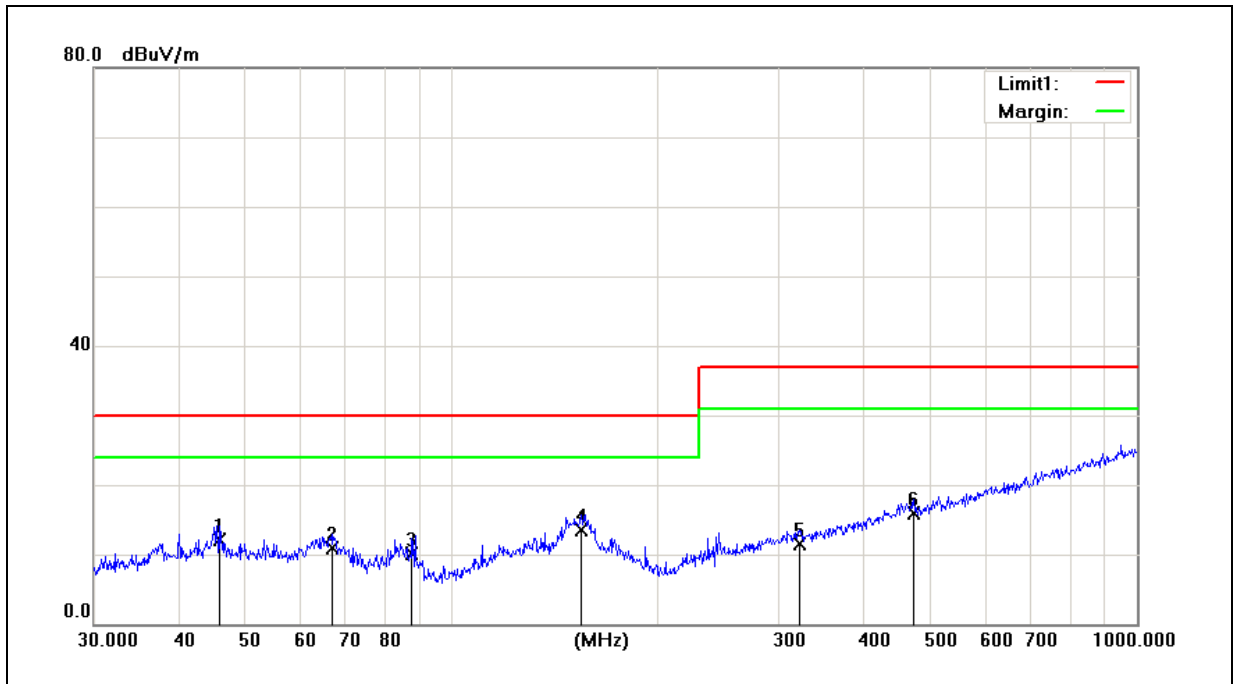
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3695.000	63.41	-15.50	47.91	74.00	-26.09	peak
2	7886.000	57.15	-7.76	49.39	74.00	-24.61	peak
3	10515.000	52.05	-2.86	49.19	74.00	-24.81	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



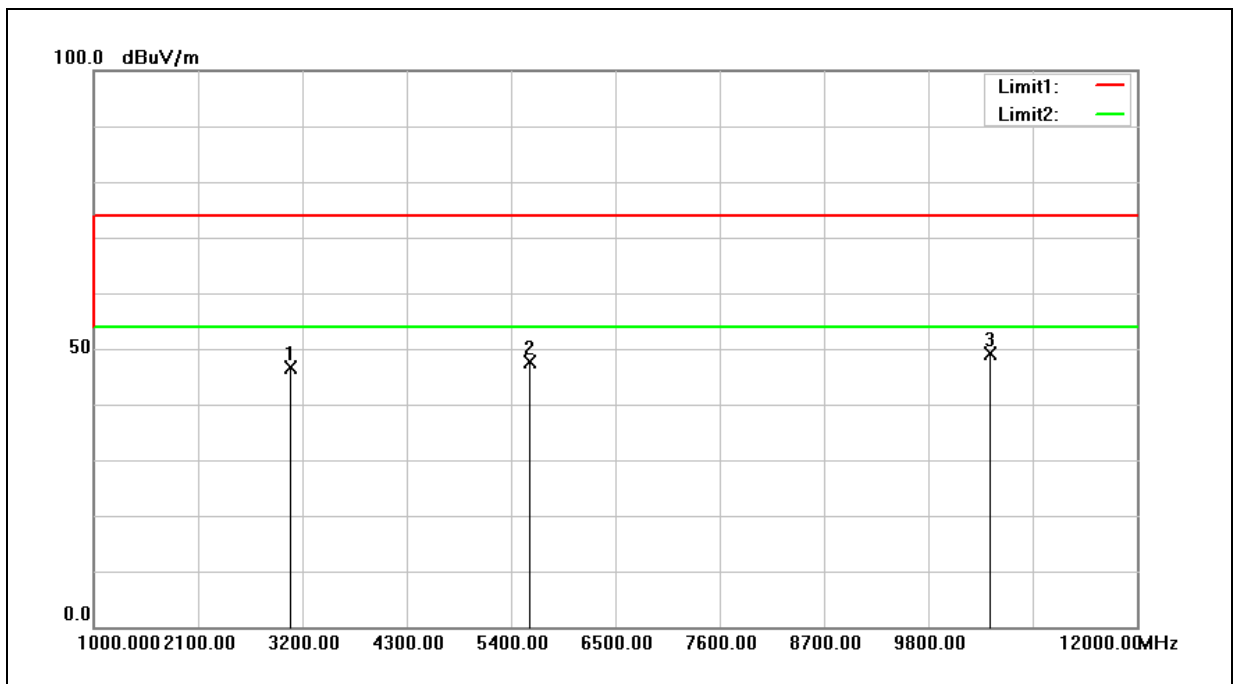
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	54.8348	24.32	-15.12	9.20	30.00	-20.80	300	30	QP
2	152.1297	24.93	-13.43	11.50	30.00	-18.50	400	306	QP
3	243.3772	25.37	-13.97	11.40	37.00	-25.60	400	10	QP
4	356.6758	24.01	-11.01	13.00	37.00	-24.00	200	10	QP
5	462.3455	24.06	-8.66	15.40	37.00	-21.60	300	0	QP
6	696.8567	24.81	-4.31	20.50	37.00	-16.50	300	159	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



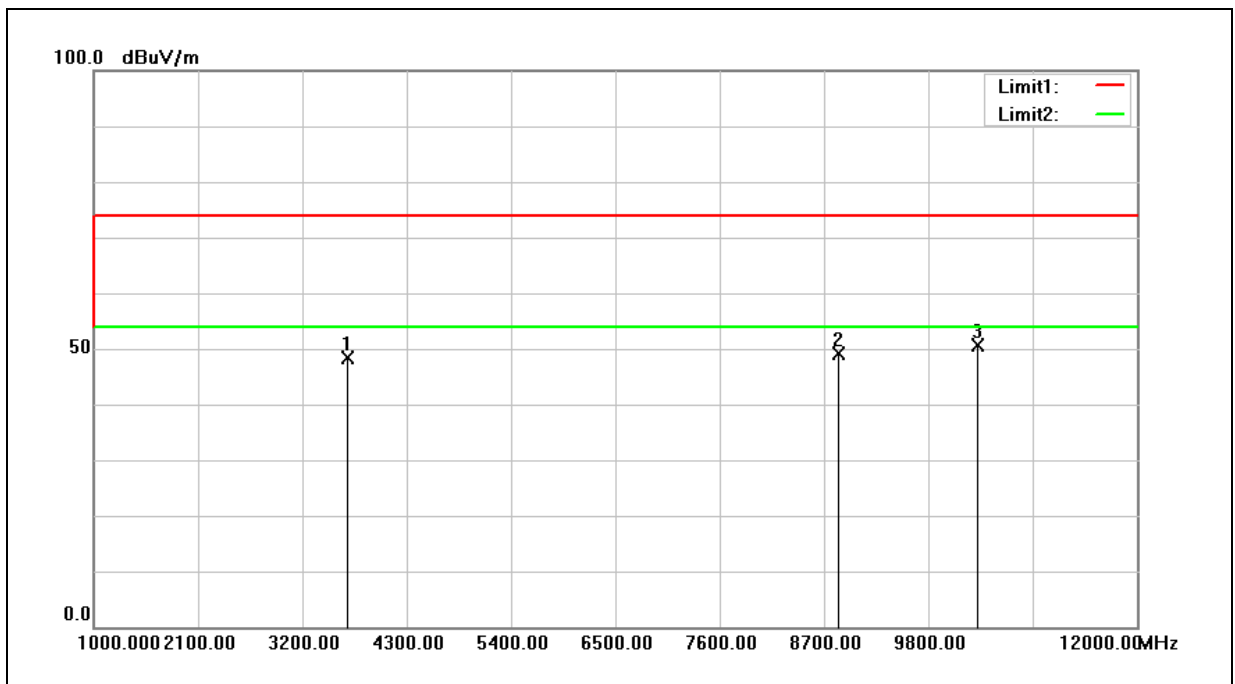
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	45.8553	26.53	-14.33	12.20	30.00	-17.80	100	348	QP
2	66.7325	26.59	-15.59	11.00	30.00	-19.00	200	41	QP
3	87.4177	28.76	-18.56	10.20	30.00	-19.80	101	360	QP
4	154.2786	26.12	-12.52	13.60	30.00	-16.40	300	343	QP
5	322.1886	21.64	-10.14	11.50	37.00	-25.50	200	59	QP
6	472.1760	22.94	-6.94	16.00	37.00	-21.00	118	360	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



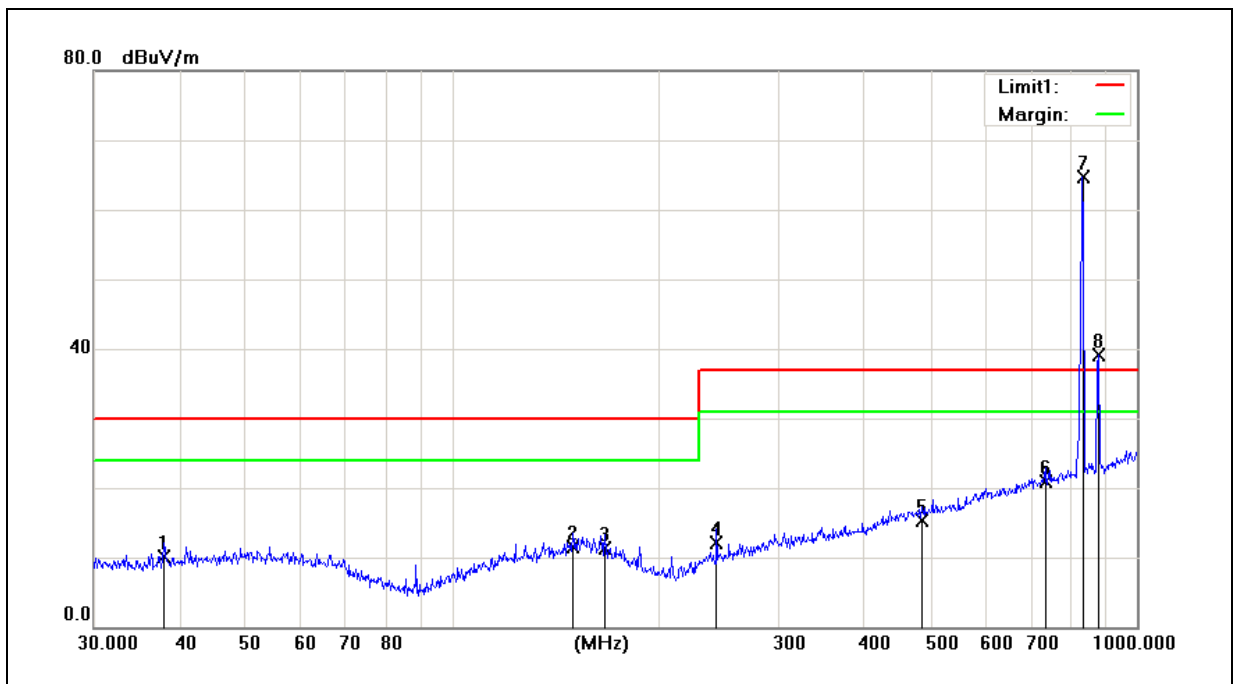
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3079.000	63.26	-16.59	46.67	74.00	-27.33	peak
2	5598.000	58.95	-11.40	47.55	74.00	-26.45	peak
3	10449.000	52.12	-2.98	49.14	74.00	-24.86	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	3 (1GHz~12GHz)	Date:	02/27/2013
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	3673.000	64.05	-15.57	48.48	74.00	-25.52	peak
2	8854.000	55.49	-6.32	49.17	74.00	-24.83	peak
3	10317.000	53.97	-3.26	50.71	74.00	-23.29	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin

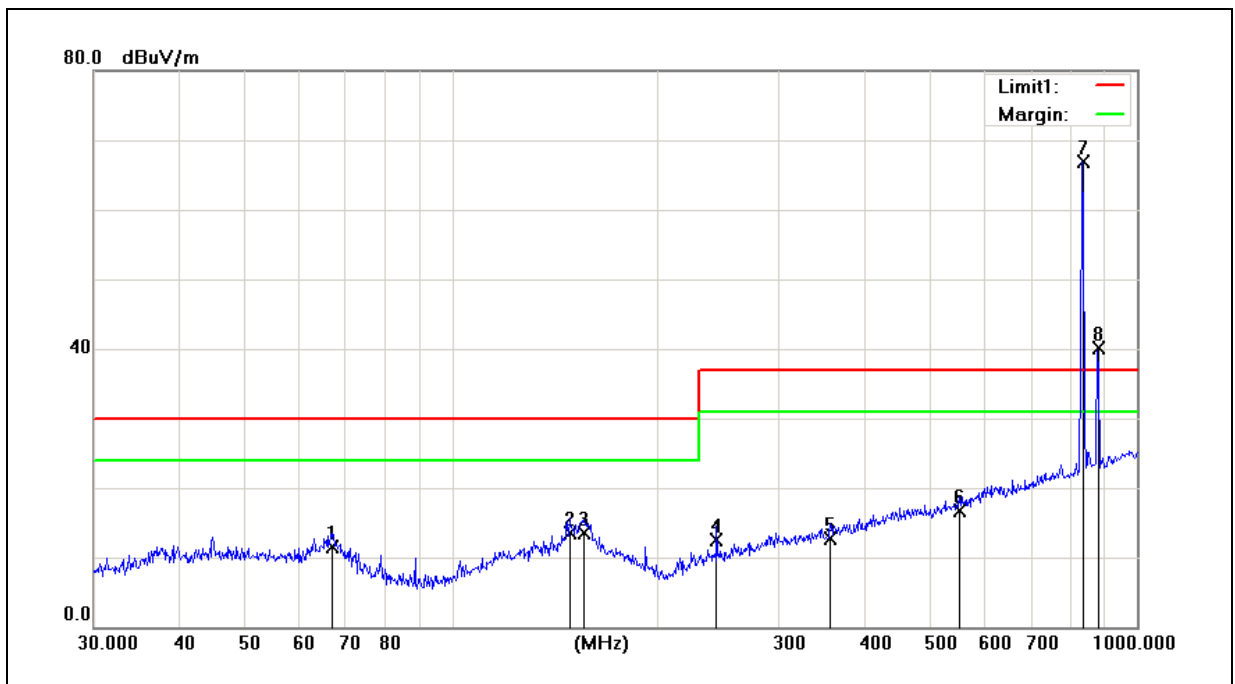


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	37.9450	25.60	-15.50	10.10	30.00	-19.90	300	0	QP
2	150.0108	24.97	-13.47	11.50	30.00	-18.50	400	278	QP
3	167.2368	24.78	-13.48	11.30	30.00	-18.70	200	359	QP
4	243.3772	26.07	-13.97	12.10	37.00	-24.90	300	344	QP
5	485.6093	23.69	-8.39	15.30	37.00	-21.70	300	153	QP
6	734.4913	24.54	-3.64	20.90	37.00	-16.10	200	302	QP
7	836.2441	66.91	-2.16	64.75	N/A	N/A	200	317	TX
8	878.3214	40.33	-1.23	39.10	N/A	N/A	400	232	RX

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

RX: the receiving signal of Universal Radio Communication Tester.

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin

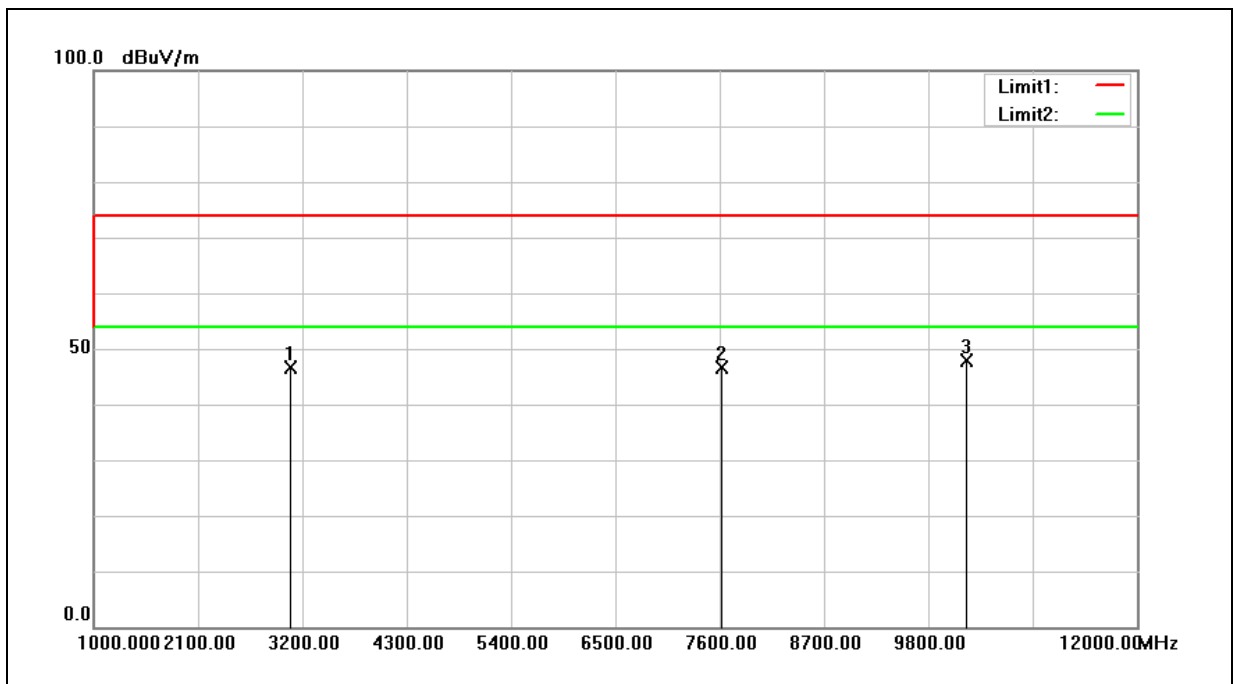


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	66.7325	27.19	-15.59	11.60	30.00	-18.40	200	4	QP
2	148.4410	26.31	-12.71	13.60	30.00	-16.40	100	172	QP
3	155.9101	26.06	-12.46	13.60	30.00	-16.40	200	358	QP
4	243.3772	25.35	-12.85	12.50	37.00	-24.50	100	29	QP
5	356.6758	22.44	-9.64	12.80	37.00	-24.20	200	127	QP
6	550.9480	22.48	-5.78	16.70	37.00	-20.30	201	360	QP
7	836.2441	66.59	0.33	66.92	N/A	N/A	249	360	TX
8	878.3214	39.06	1.09	40.15	N/A	N/A	201	360	RX

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

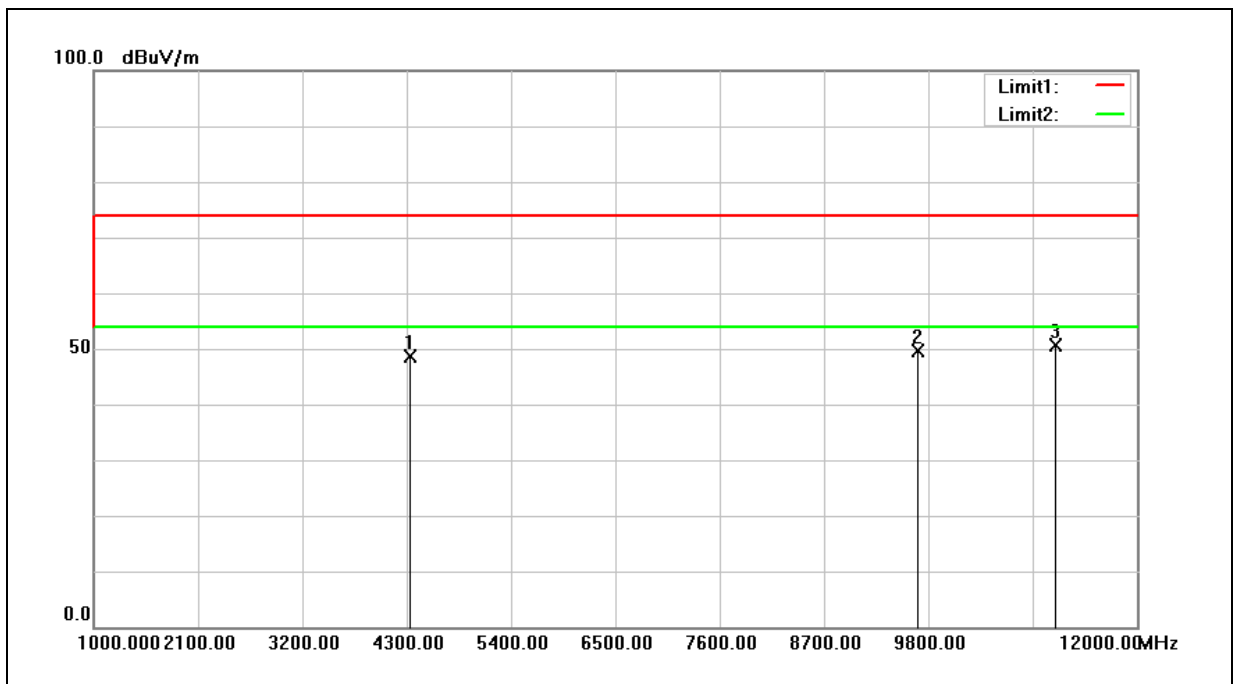
RX: the receiving signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



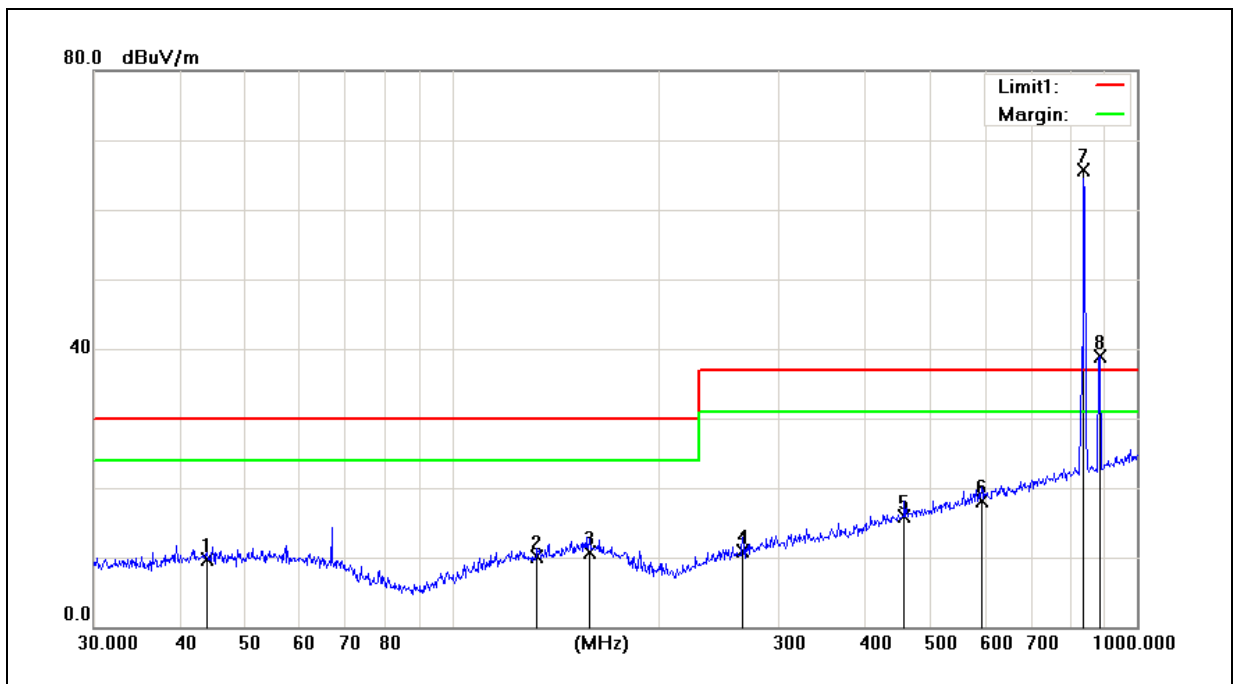
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3079.000	63.26	-16.59	46.67	74.00	-27.33	peak
2	7622.000	54.64	-8.04	46.60	74.00	-27.40	peak
3	10207.000	51.48	-3.48	48.00	74.00	-26.00	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4 (1GHz~12GHz)	Date:	02/27/2013
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	4333.000	62.24	-13.60	48.64	74.00	-25.36	peak
2	9690.000	54.45	-4.80	49.65	74.00	-24.35	peak
3	11142.000	52.74	-2.06	50.68	74.00	-23.32	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin

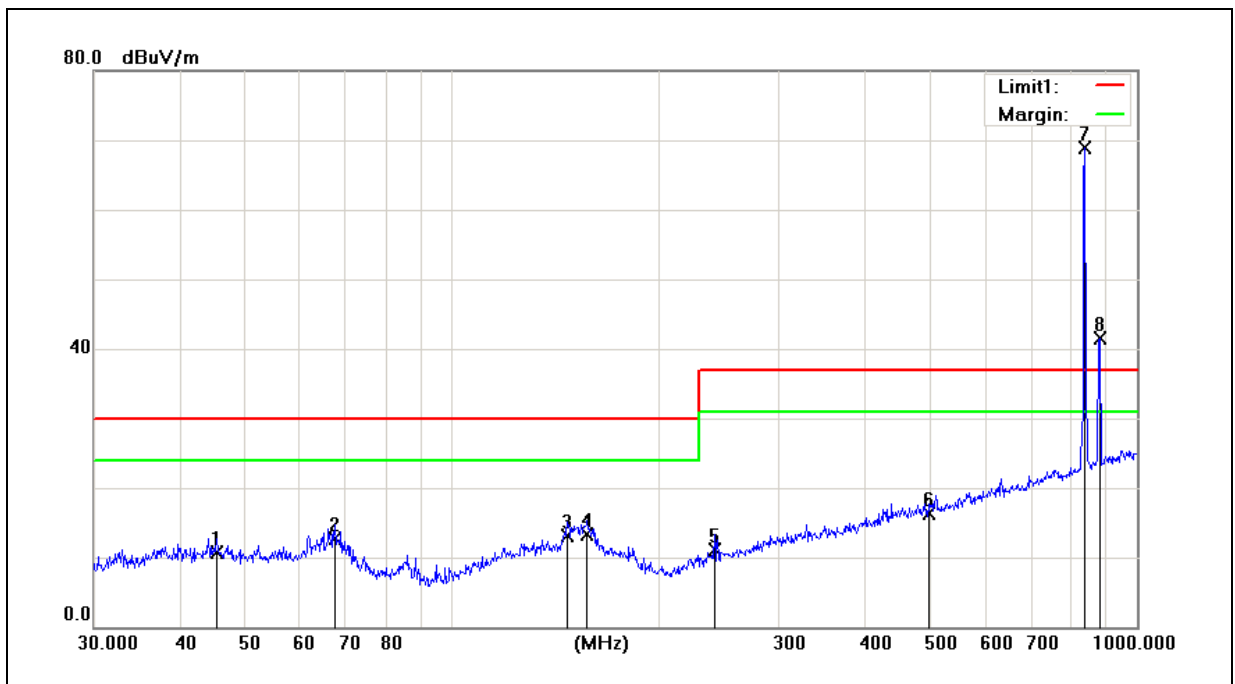


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	43.9658	24.86	-15.06	9.80	30.00	-20.20	300	359	QP
2	133.1511	24.45	-14.25	10.20	30.00	-19.80	300	59	QP
3	158.6677	23.91	-13.21	10.70	30.00	-19.30	400	125	QP
4	265.6757	24.14	-13.14	11.00	37.00	-26.00	300	359	QP
5	457.5073	24.73	-8.73	16.00	37.00	-21.00	200	192	QP
6	593.0497	24.37	-6.27	18.10	37.00	-18.90	200	0	QP
7	836.2443	67.85	-2.16	65.69	N/A	N/A	300	359	TX
8	884.5030	40.03	-1.09	38.94	N/A	N/A	100	41	RX

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

RX: the receiving signal of Universal Radio Communication Tester.

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin

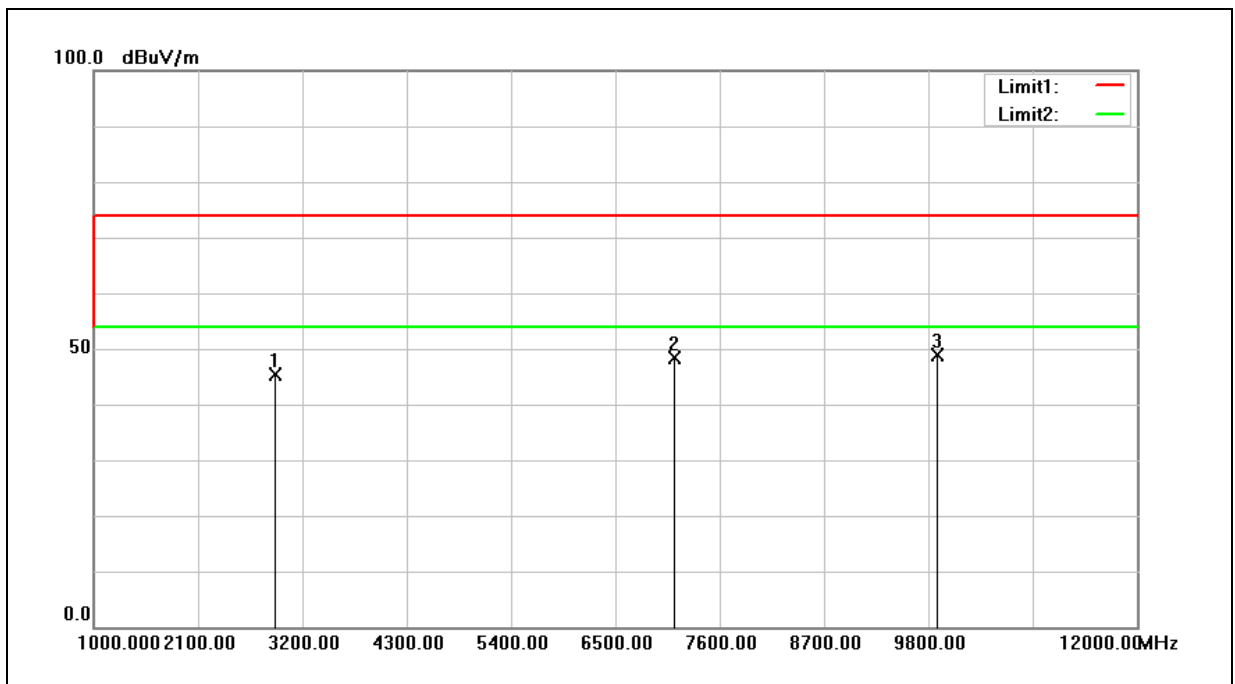


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	45.3755	25.03	-14.33	10.70	30.00	-19.30	100	59	QP
2	67.4382	28.49	-15.69	12.80	30.00	-17.20	200	360	QP
3	147.4036	25.84	-12.74	13.10	30.00	-16.90	300	259	QP
4	157.5588	25.70	-12.40	13.30	30.00	-16.70	200	159	QP
5	241.6763	24.12	-12.92	11.20	37.00	-25.80	101	360	QP
6	495.9344	23.01	-6.71	16.30	37.00	-20.70	400	253	QP
7	839.1816	68.42	0.43	68.85	N/A	N/A	100	70	TX
8	884.5028	40.36	1.18	41.54	N/A	N/A	100	199	RX

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

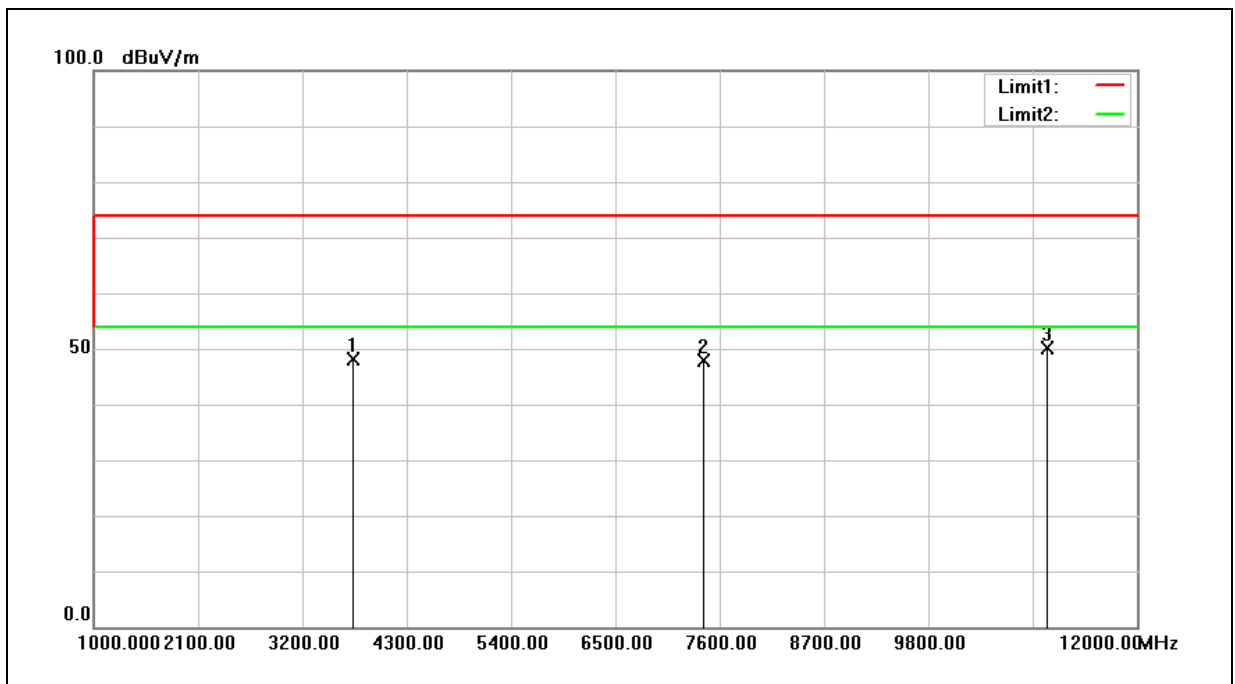
RX: the receiving signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



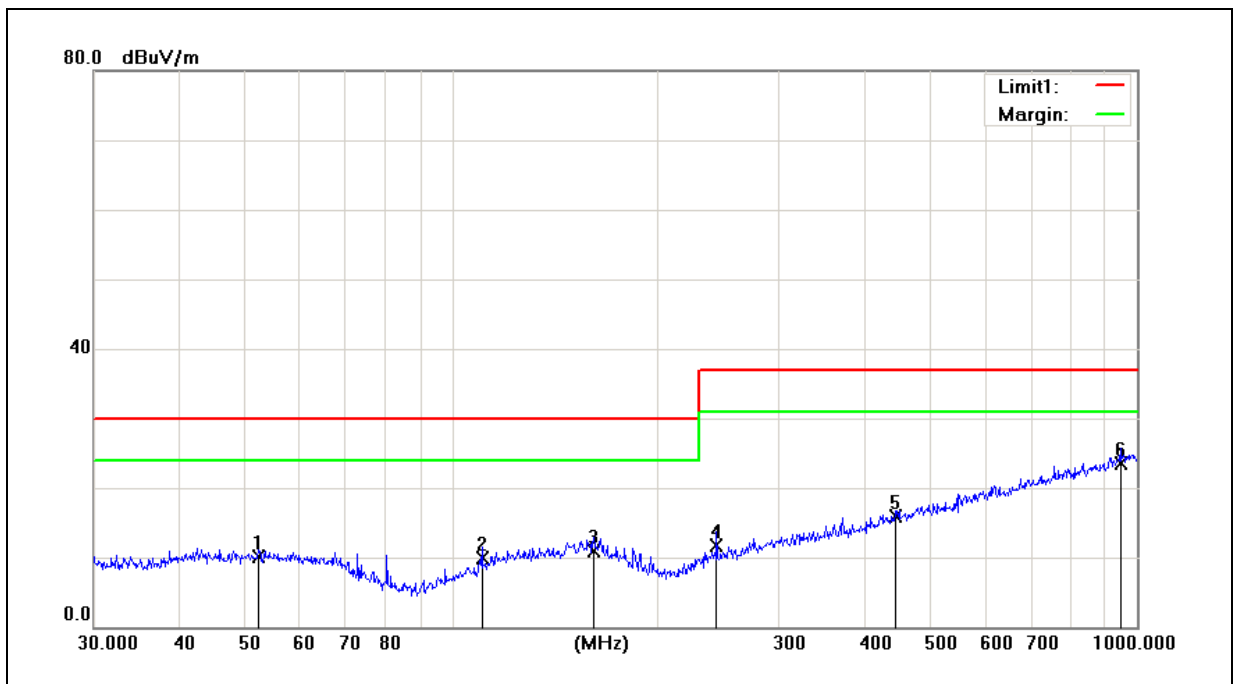
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2914.000	62.23	-16.92	45.31	74.00	-28.69	peak
2	7127.000	56.87	-8.58	48.29	74.00	-25.71	peak
3	9899.000	52.95	-4.19	48.76	74.00	-25.24	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	5 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



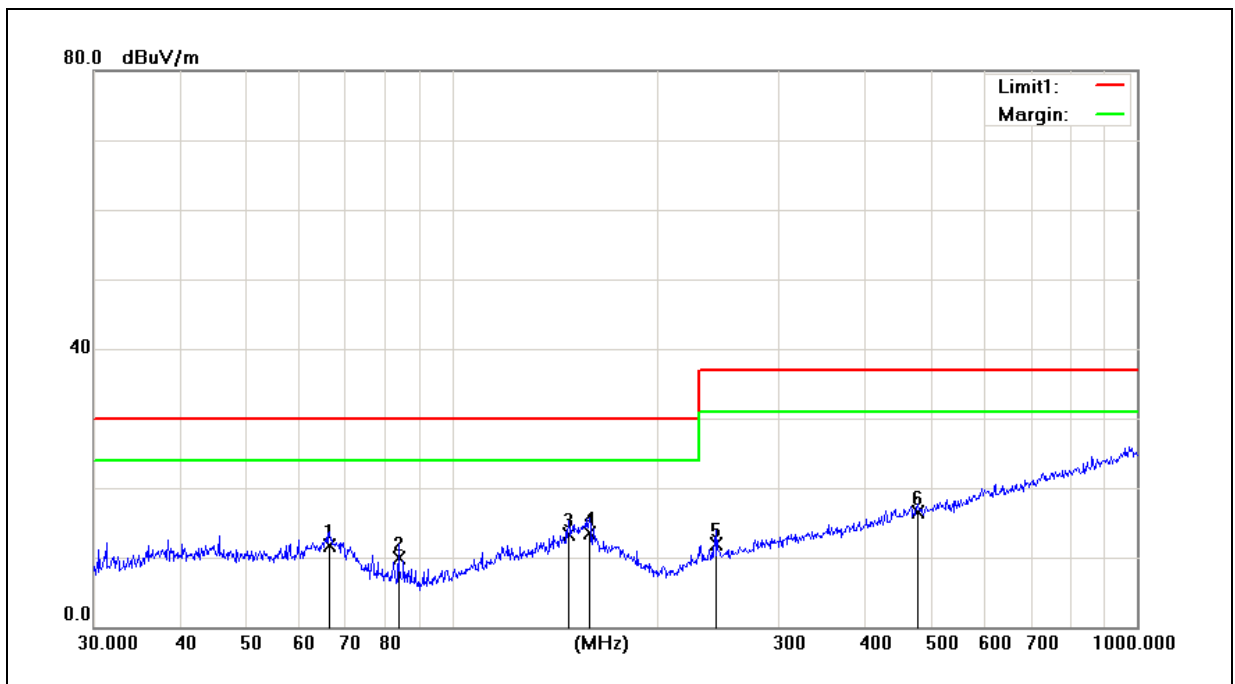
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3739.000	63.55	-15.36	48.19	74.00	-25.81	peak
2	7435.000	56.11	-8.25	47.86	74.00	-26.14	peak
3	11054.000	52.20	-2.14	50.06	74.00	-23.94	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



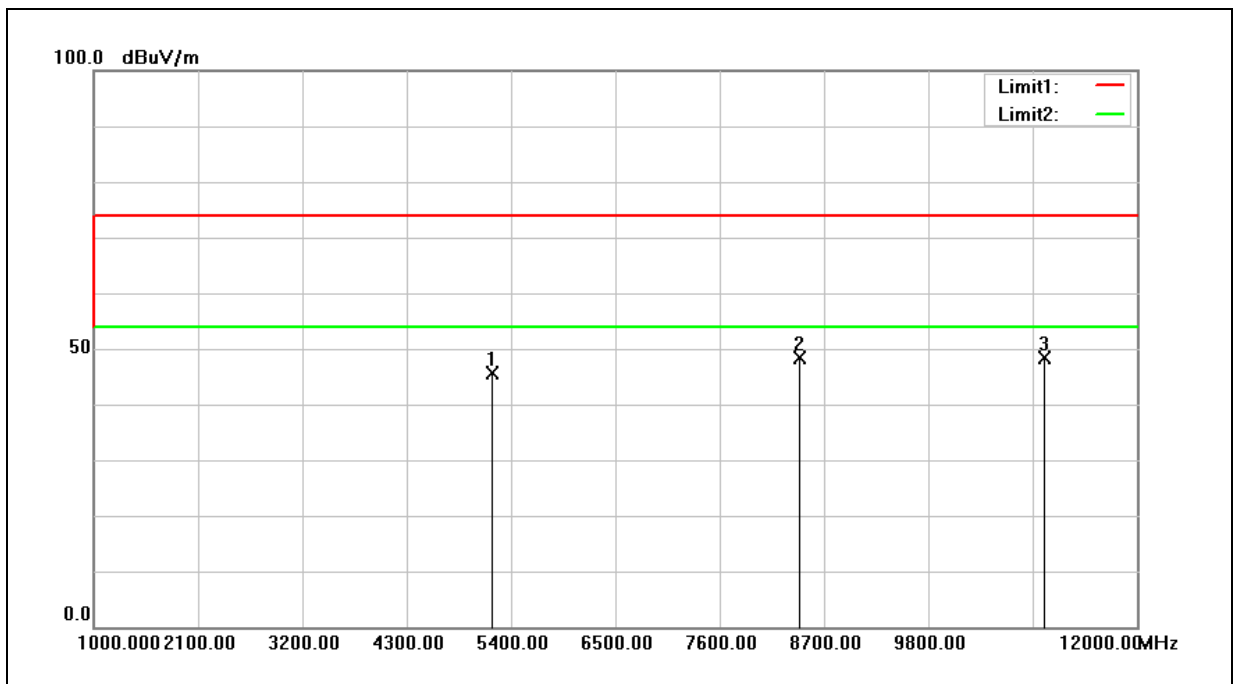
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	52.2080	25.10	-15.00	10.10	30.00	-19.90	100	259	QP
2	110.5687	25.81	-15.91	9.90	30.00	-20.10	300	268	QP
3	160.9090	24.12	-13.22	10.90	30.00	-19.10	200	122	QP
4	243.3772	25.77	-13.97	11.80	37.00	-25.20	300	359	QP
5	444.8514	24.87	-8.97	15.90	37.00	-21.10	200	0	QP
6	945.4400	23.53	0.07	23.60	37.00	-13.40	400	29	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



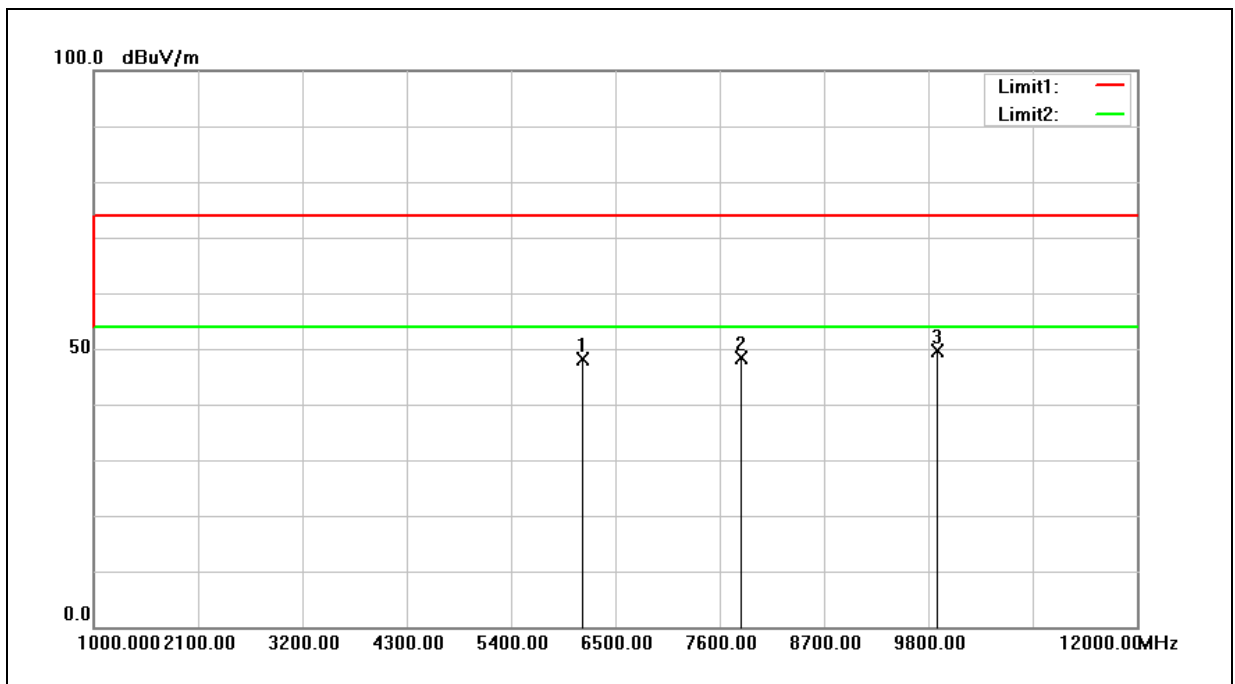
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	66.2662	27.34	-15.54	11.80	30.00	-18.20	301	360	QP
2	83.5222	28.21	-18.31	9.90	30.00	-20.10	100	155	QP
3	147.9214	26.12	-12.72	13.40	30.00	-16.60	200	265	QP
4	158.6677	25.97	-12.37	13.60	30.00	-16.40	100	308	QP
5	243.3772	24.75	-12.85	11.90	37.00	-25.10	200	294	QP
6	478.8456	23.49	-6.89	16.60	37.00	-20.40	201	0	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



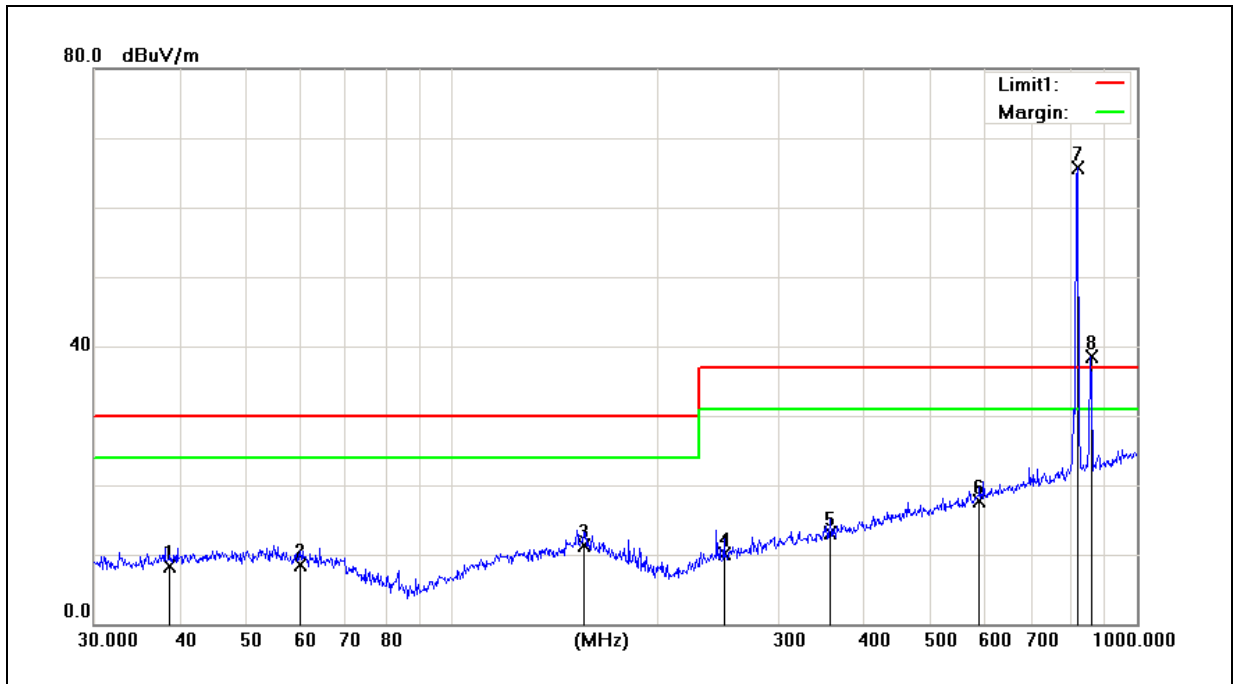
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5202.000	57.96	-12.27	45.69	74.00	-28.31	peak
2	8447.000	55.37	-6.95	48.42	74.00	-25.58	peak
3	11021.000	50.63	-2.17	48.46	74.00	-25.54	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	6 (1GHz~12GHz)	Date:	02/27/2013
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	6159.000	57.94	-9.78	48.16	74.00	-25.84	peak
2	7831.000	56.14	-7.82	48.32	74.00	-25.68	peak
3	9899.000	53.80	-4.19	49.61	74.00	-24.39	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin

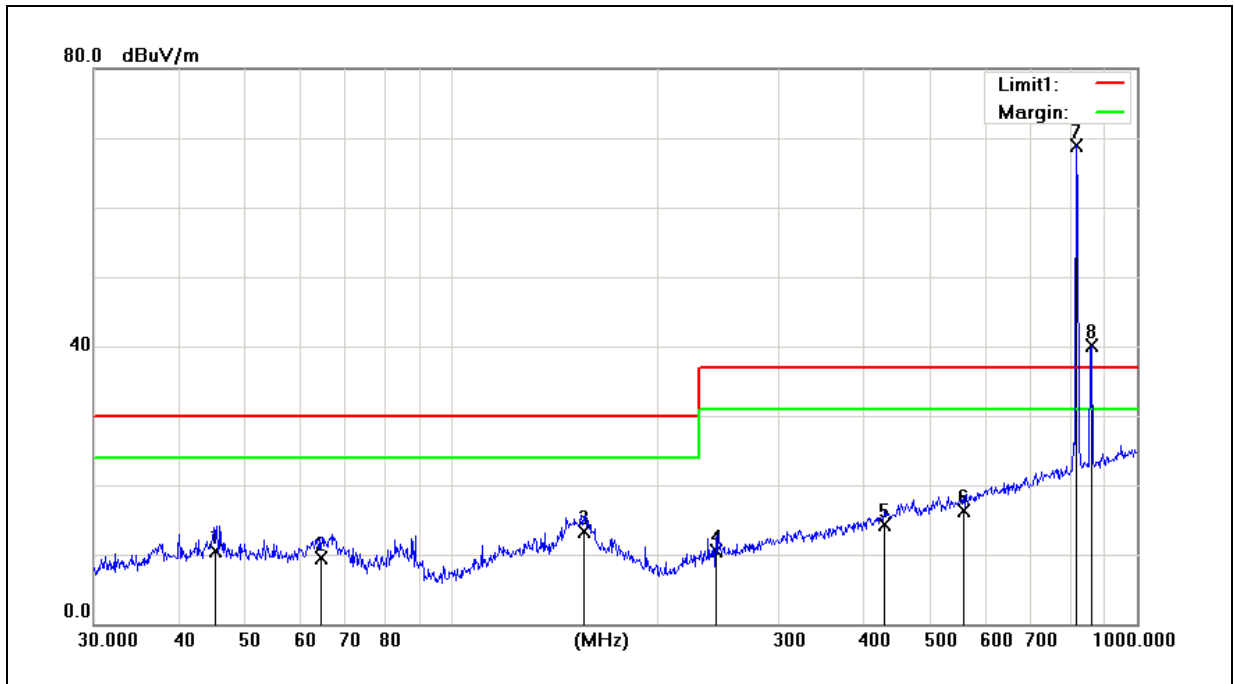


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	38.8880	23.75	-15.45	8.30	30.00	-21.70	400	46	QP
2	60.0690	23.77	-15.27	8.50	30.00	-21.50	300	228	QP
3	155.9100	24.59	-13.29	11.30	30.00	-18.70	400	125	QP
4	249.4250	23.98	-13.78	10.20	37.00	-26.80	200	360	QP
5	356.6757	24.11	-11.01	13.10	37.00	-23.90	200	331	QP
6	588.9050	24.13	-6.43	17.70	37.00	-19.30	300	147	QP
7	817.3564	67.99	-2.25	65.74	N/A	N/A	200	351	TX
8	859.6245	40.02	-1.51	38.51	N/A	N/A	400	159	RX

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

RX: the receiving signal of Universal Radio Communication Tester.

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin

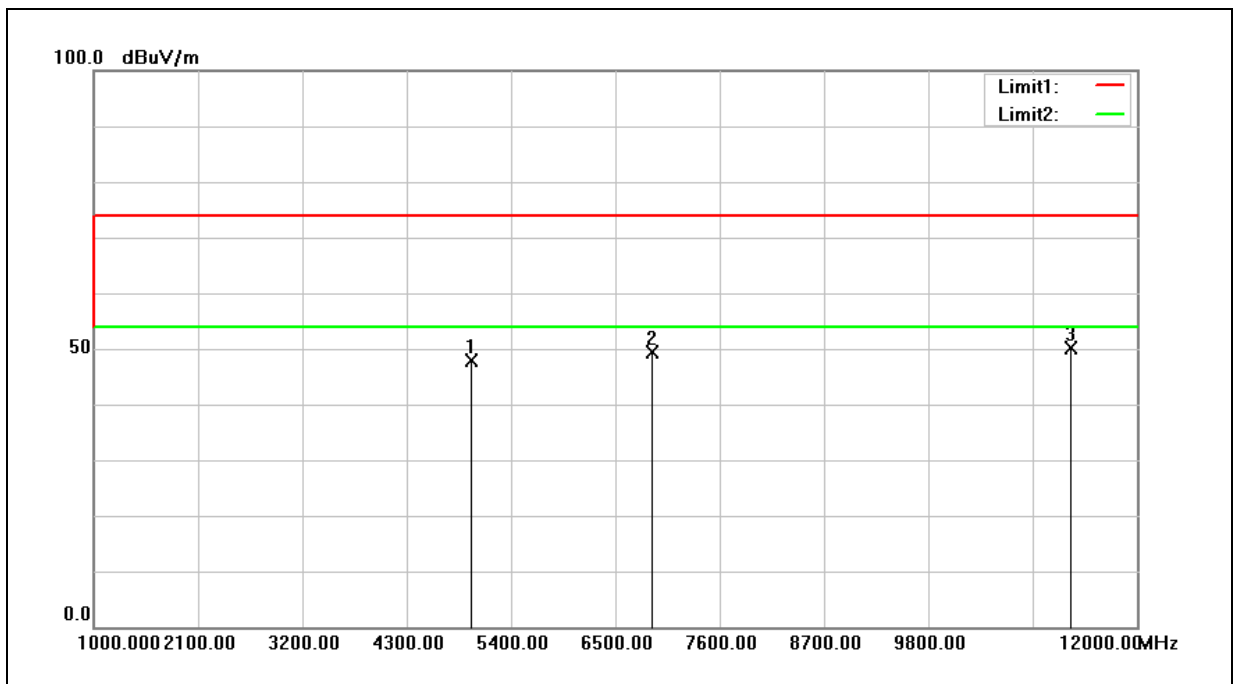


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	45.2165	24.93	-14.33	10.60	30.00	-19.40	200	158	QP
2	64.4330	24.90	-15.30	9.60	30.00	-20.40	100	173	QP
3	155.9100	25.76	-12.46	13.30	30.00	-16.70	100	64	QP
4	242.5252	23.49	-12.89	10.60	37.00	-26.40	200	28	QP
5	428.0192	22.11	-7.81	14.30	37.00	-22.70	200	249	QP
6	558.7300	21.87	-5.57	16.30	37.00	-20.70	300	241	QP
7	817.3564	68.85	-0.04	68.81	N/A	N/A	100	360	TX
8	859.6245	39.30	0.81	40.11	N/A	N/A	100	24	RX

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

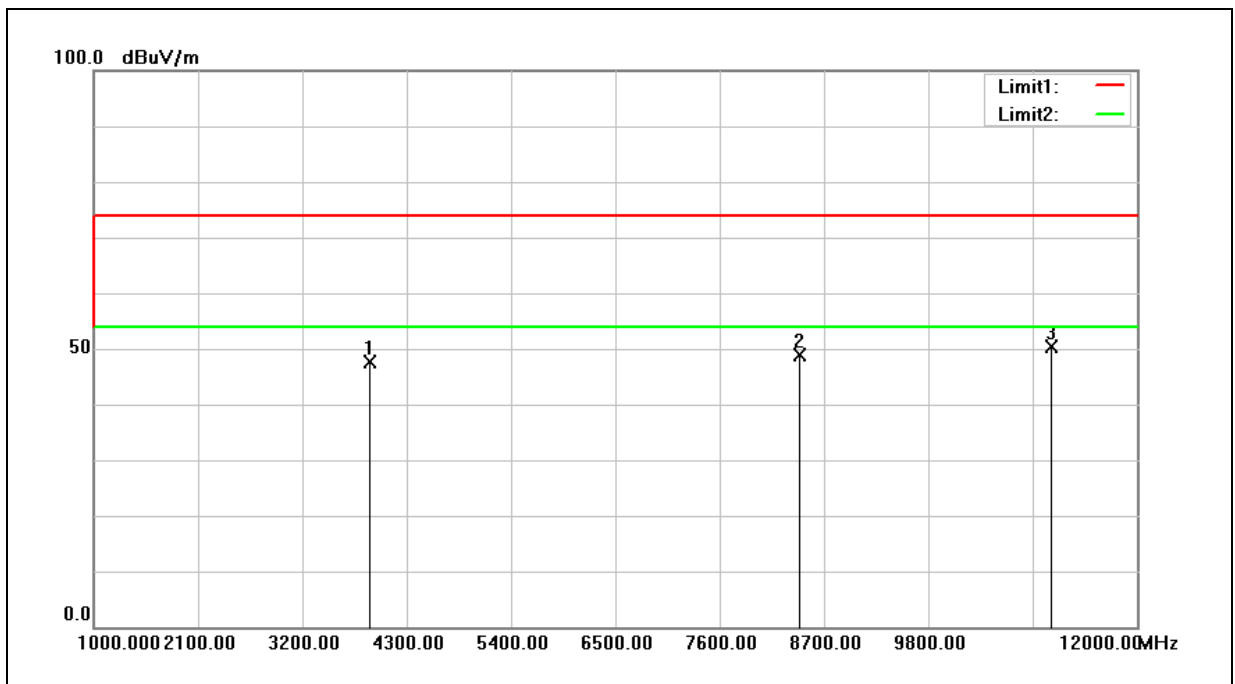
RX: the receiving signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7 (1GHz~12GHz)	Date:	02/27/2013
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	4982.000	60.46	-12.64	47.82	74.00	-26.18	peak
2	6885.000	58.22	-8.86	49.36	74.00	-24.64	peak
3	11307.000	52.01	-1.89	50.12	74.00	-23.88	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	7 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



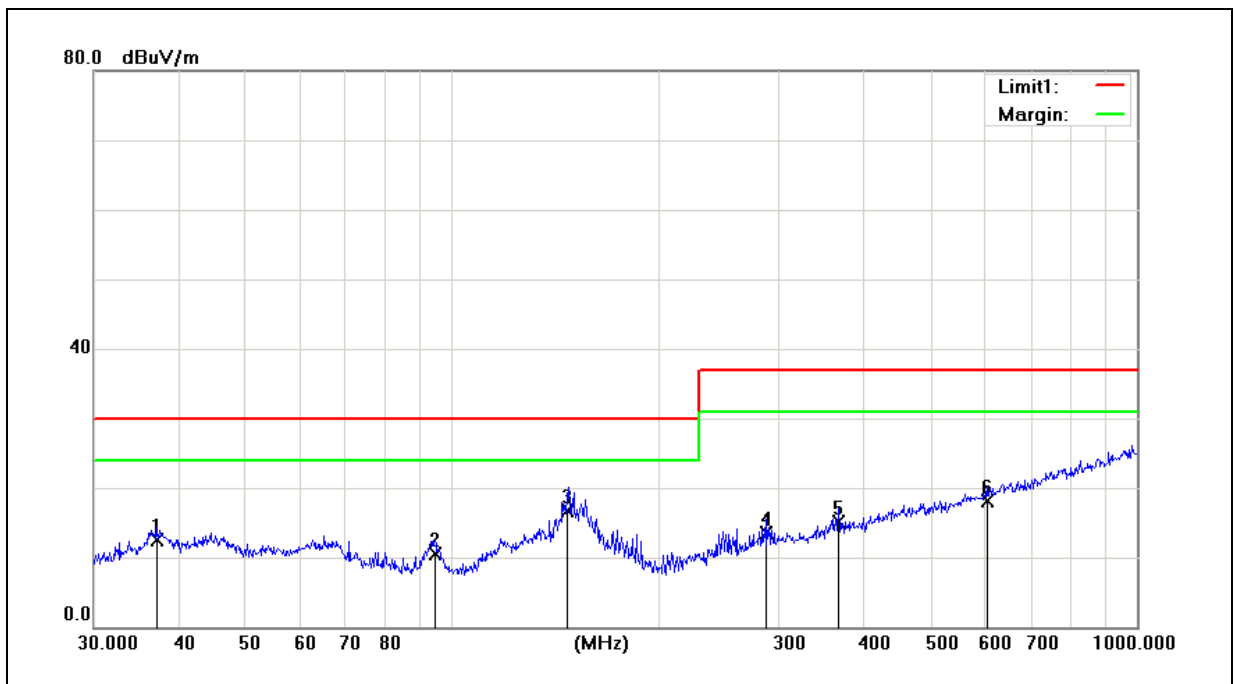
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3915.000	62.47	-14.78	47.69	74.00	-26.31	peak
2	8447.000	55.83	-6.95	48.88	74.00	-25.12	peak
3	11098.000	52.41	-2.10	50.31	74.00	-23.69	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



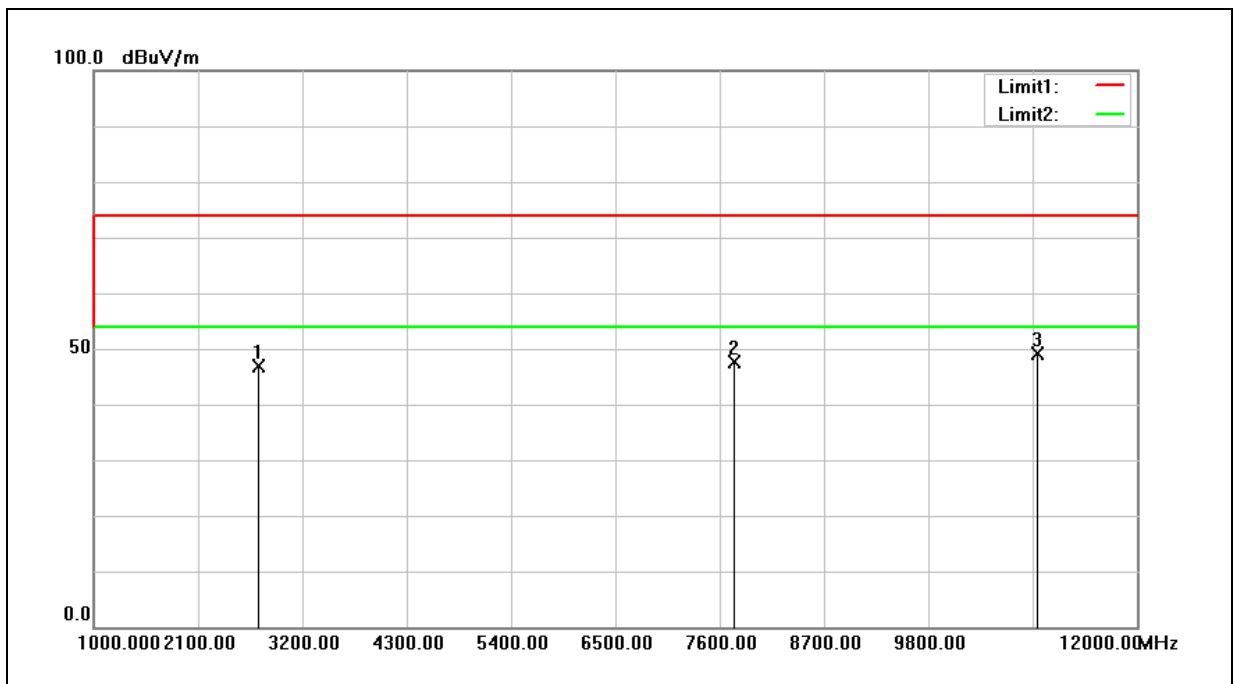
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	47.1600	27.53	-14.93	12.60	30.00	-17.40	300	26	QP
2	155.3644	26.22	-13.32	12.90	30.00	-17.10	400	321	QP
3	169.5990	26.87	-13.57	13.30	30.00	-16.70	300	279	QP
4	218.3085	27.19	-15.99	11.20	30.00	-18.80	400	360	QP
5	281.0075	24.66	-12.46	12.20	37.00	-24.80	300	102	QP
6	614.2142	24.61	-5.91	18.70	37.00	-18.30	200	57	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



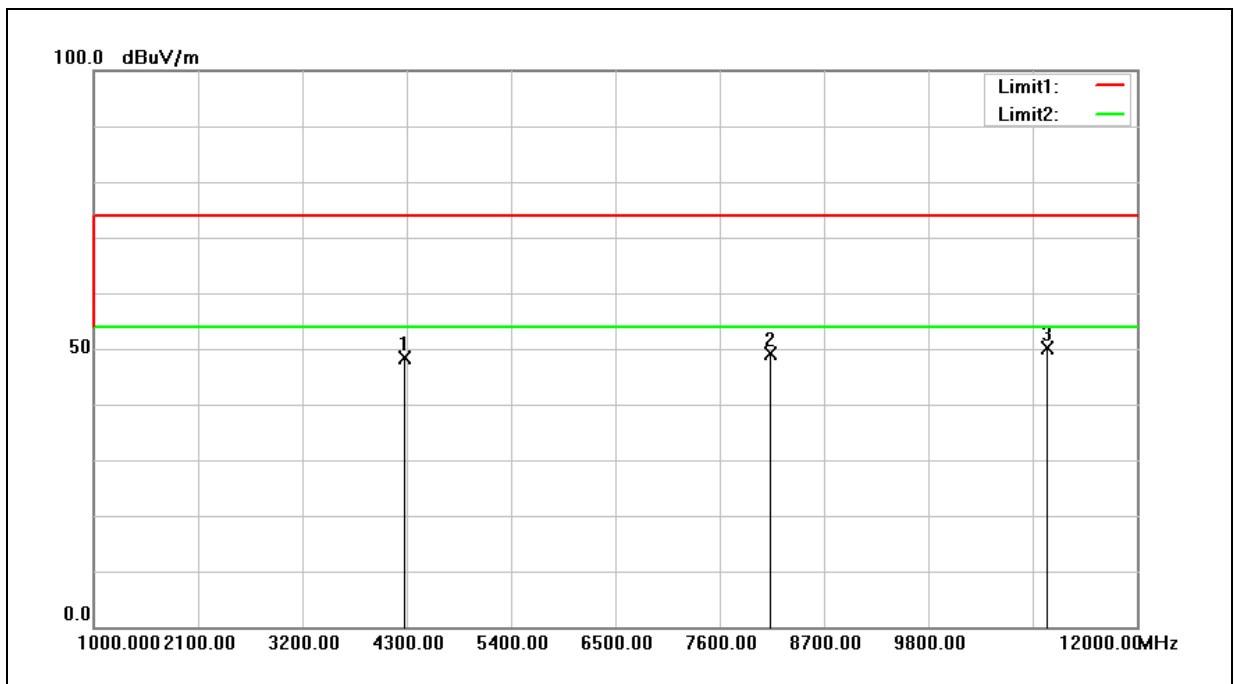
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	37.0248	27.92	-15.32	12.60	30.00	-17.40	200	119	QP
2	94.4284	28.40	-17.90	10.50	30.00	-19.50	101	360	QP
3	147.4036	29.44	-12.74	16.70	30.00	-13.30	100	272	QP
4	286.9823	24.42	-10.92	13.50	37.00	-23.50	100	223	QP
5	366.8231	24.59	-9.39	15.20	37.00	-21.80	101	360	QP
6	603.5392	22.47	-4.27	18.20	37.00	-18.80	177	360	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



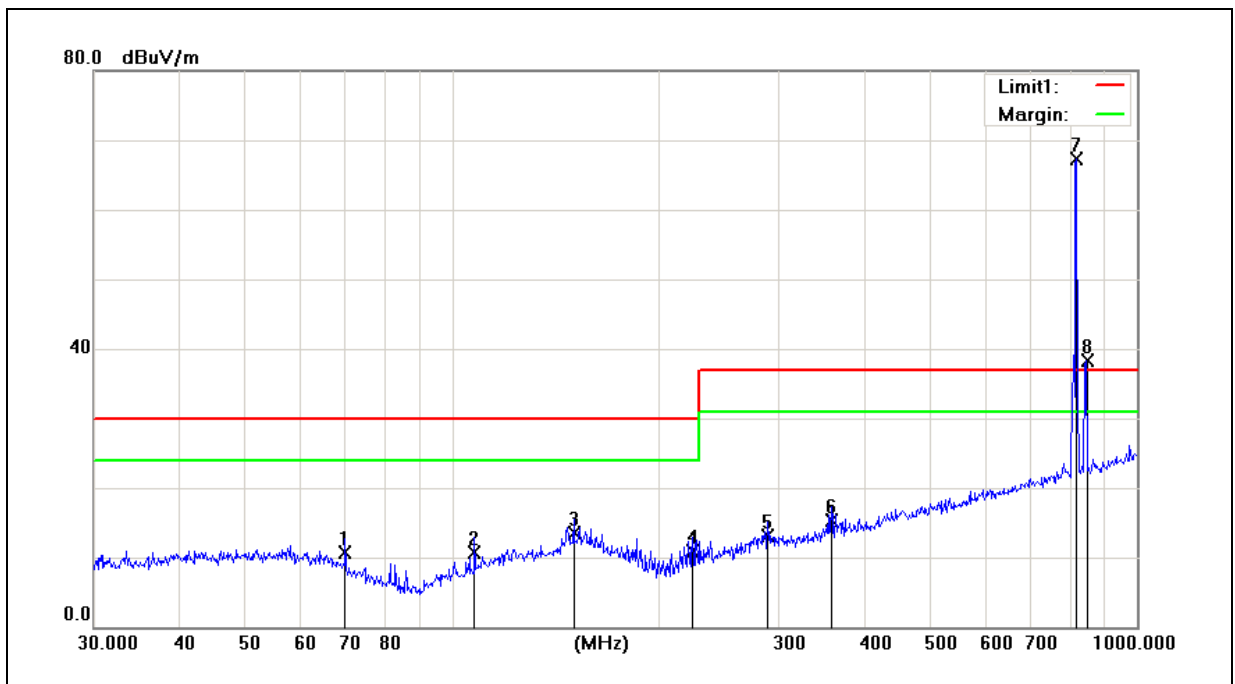
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2738.000	64.43	-17.44	46.99	74.00	-27.01	peak
2	7754.000	55.54	-7.91	47.63	74.00	-26.37	peak
3	10955.000	51.46	-2.26	49.20	74.00	-24.80	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	8 (1GHz~12GHz)	Date:	02/27/2013
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	4278.000	62.15	-13.75	48.40	74.00	-25.60	peak
2	8139.000	56.67	-7.42	49.25	74.00	-24.75	peak
3	11054.000	52.20	-2.14	50.06	74.00	-23.94	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin

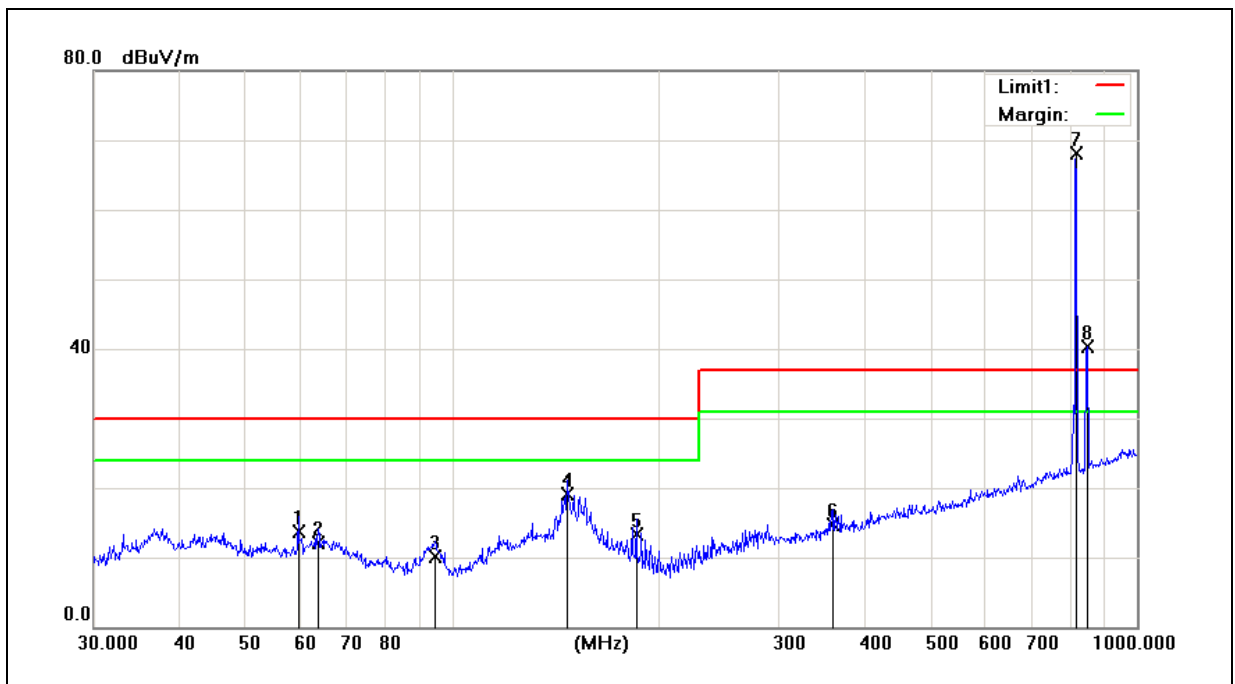


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	69.8450	27.31	-16.51	10.80	30.00	-19.20	100	282	QP
2	107.8877	27.13	-16.33	10.80	30.00	-19.20	306	360	QP
3	150.5378	26.96	-13.46	13.50	30.00	-16.50	400	292	QP
4	224.5193	26.25	-15.35	10.90	30.00	-19.10	298	0	QP
5	289.0021	25.27	-12.17	13.10	37.00	-23.90	242	0	QP
6	357.9287	26.30	-11.00	15.30	37.00	-21.70	300	273	QP
7	815.9678	69.63	-2.25	67.38	N/A	N/A	400	251	TX
8	845.0878	40.16	-1.79	38.37	N/A	N/A	400	59	RX

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

RX: the receiving signal of Universal Radio Communication Tester.

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin

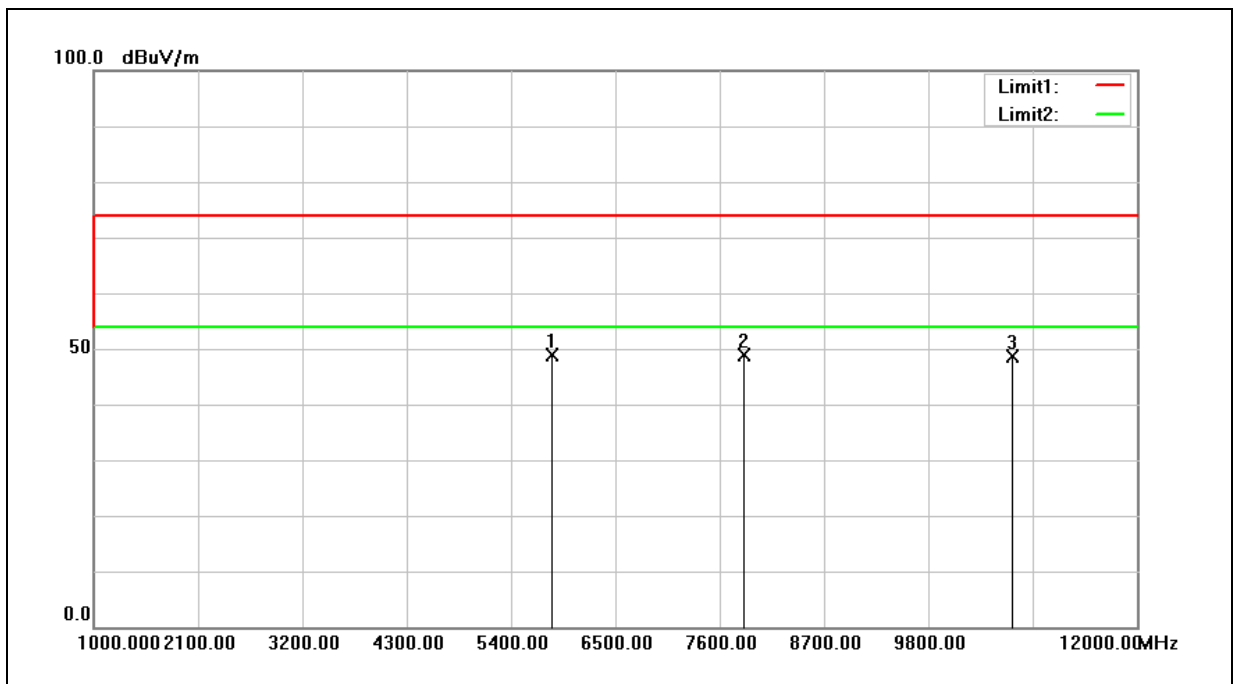


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	59.6493	28.52	-14.72	13.80	30.00	-16.20	201	224	QP
2	63.7588	27.31	-15.21	12.10	30.00	-17.90	301	158	QP
3	94.4284	28.10	-17.90	10.20	30.00	-19.80	215	36	QP
4	147.4036	31.94	-12.74	19.20	30.00	-10.80	100	300	QP
5	185.7882	27.67	-14.27	13.40	30.00	-16.60	100	213	QP
6	360.4476	24.33	-9.53	14.80	37.00	-22.20	101	360	QP
7	815.9678	68.20	-0.09	68.11	N/A	N/A	100	0	TX
8	845.0878	39.64	0.61	40.25	N/A	N/A	100	0	RX

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

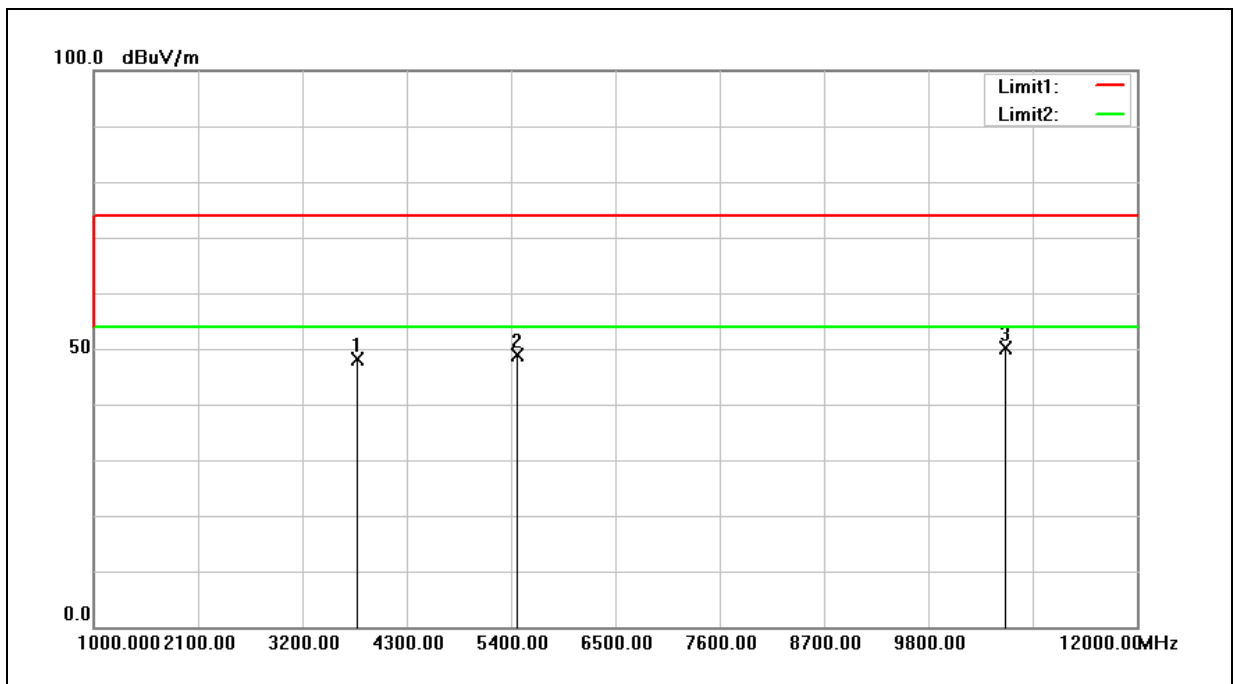
RX: the receiving signal of Universal Radio Communication Tester.

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



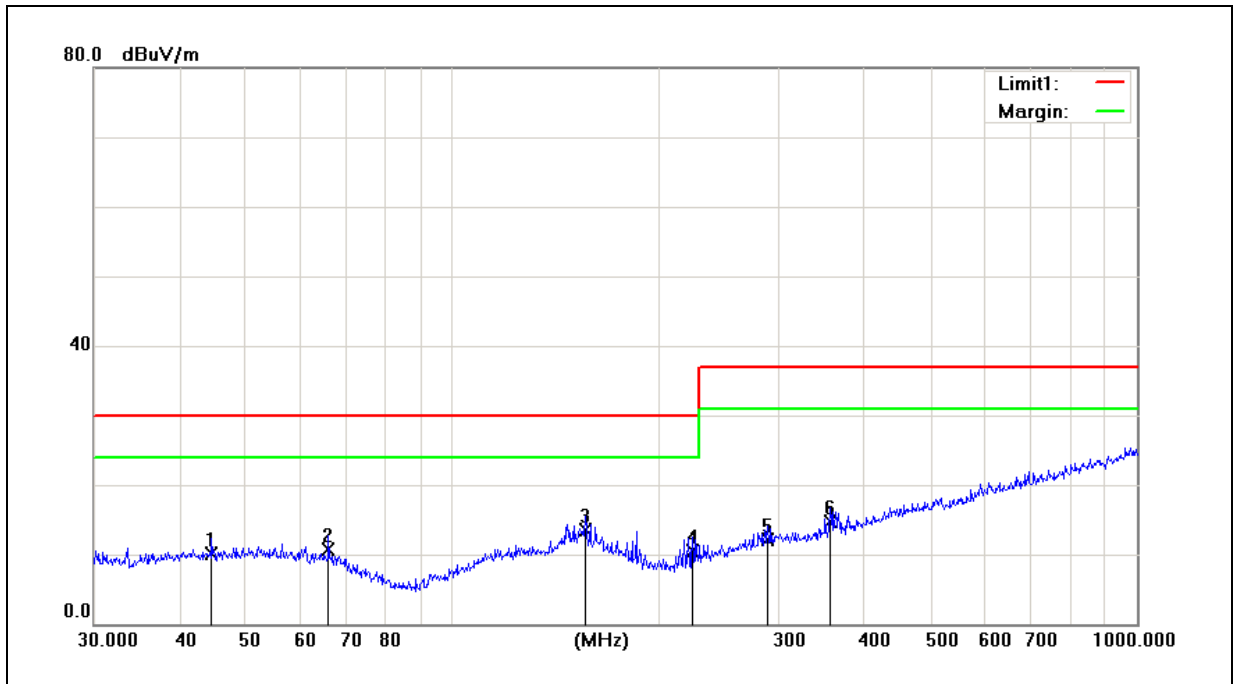
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5829.000	59.46	-10.58	48.88	74.00	-25.12	peak
2	7853.000	56.80	-7.80	49.00	74.00	-25.00	peak
3	10691.000	51.13	-2.62	48.51	74.00	-25.49	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	9 (1GHz~12GHz)	Date:	02/27/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



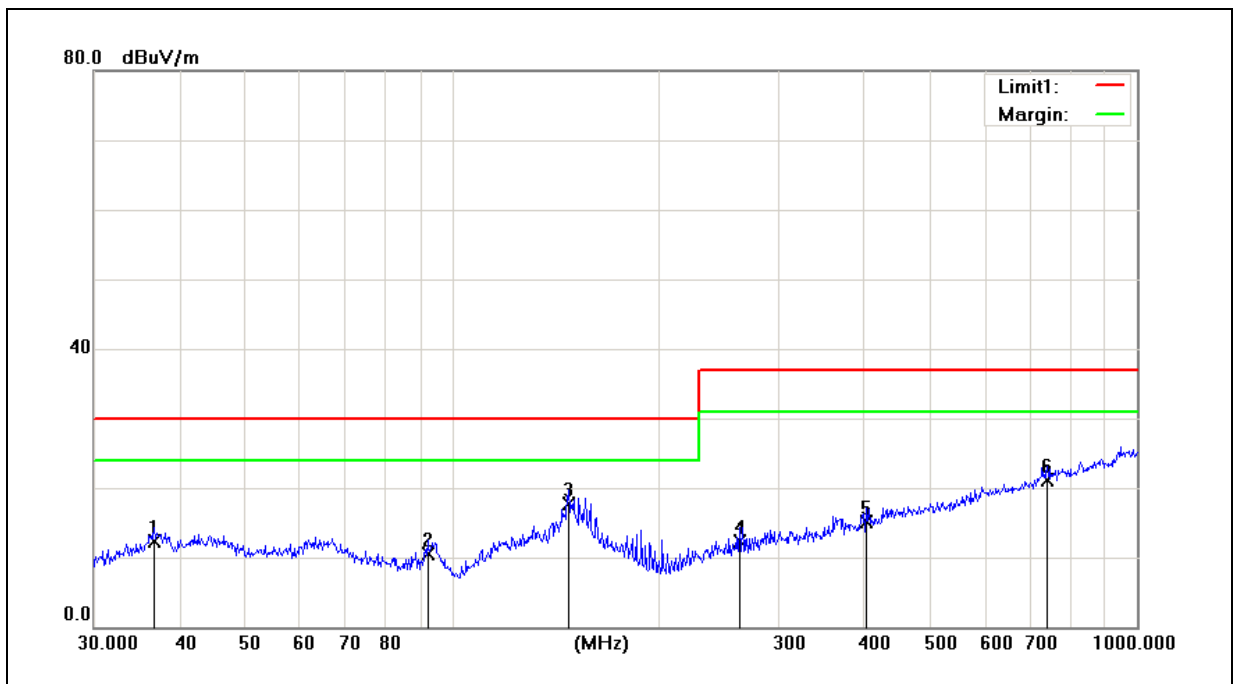
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3783.000	63.33	-15.21	48.12	74.00	-25.88	peak
2	5466.000	60.58	-11.81	48.77	74.00	-25.23	peak
3	10614.000	52.82	-2.72	50.10	74.00	-23.90	peak

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10	Date:	02/28/2013
Ant.Polar.:	Horizontal	Test By:	Frank Lin



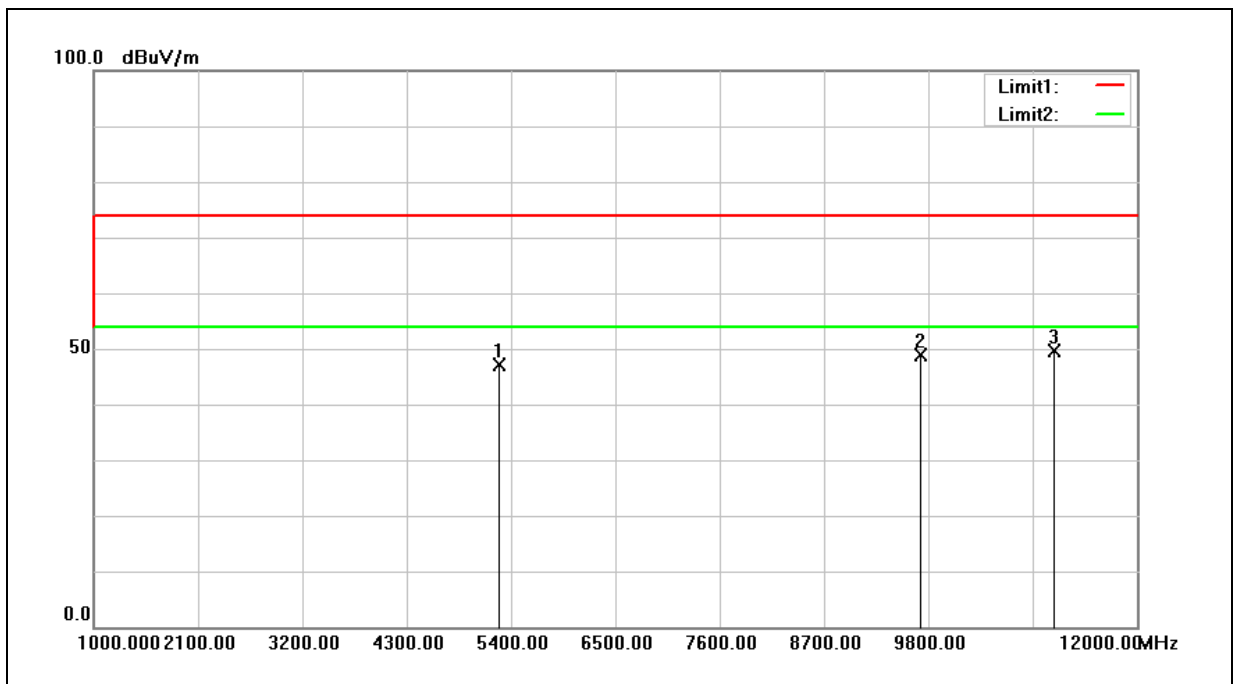
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	44.5868	25.21	-15.01	10.20	30.00	-19.80	200	176	QP
2	66.0342	26.72	-16.02	10.70	30.00	-19.30	200	0	QP
3	156.4578	26.78	-13.28	13.50	30.00	-16.50	400	299	QP
4	224.5193	25.95	-15.35	10.60	30.00	-19.40	300	359	QP
5	289.0021	24.37	-12.17	12.20	37.00	-24.80	300	302	QP
6	356.6758	25.81	-11.01	14.80	37.00	-22.20	300	273	QP

Standard:	CISPR 22 Class B	Test Distance:	10m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10	Date:	02/28/2013
Ant.Polar.:	Vertical	Test By:	Frank Lin



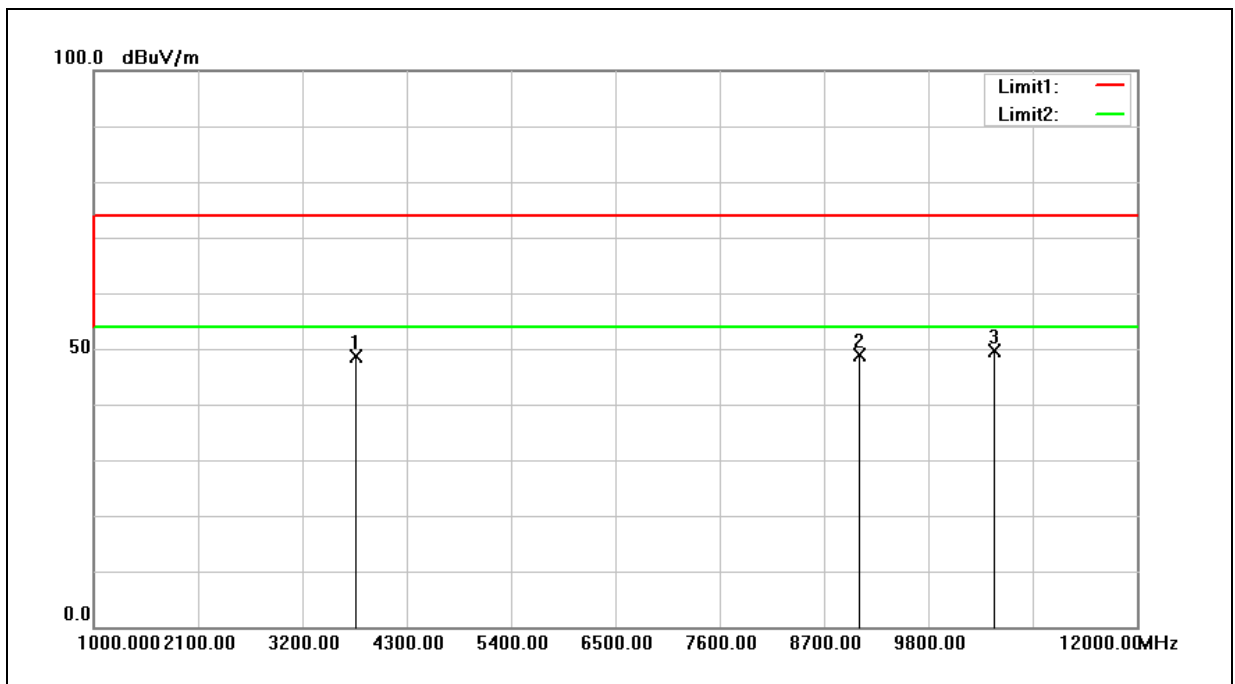
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
1	36.7662	27.65	-15.35	12.30	30.00	-17.70	101	360	QP
2	92.1388	28.83	-18.33	10.50	30.00	-19.50	101	360	QP
3	147.9214	30.42	-12.72	17.70	30.00	-12.30	100	279	QP
4	262.8955	24.56	-12.16	12.40	37.00	-24.60	100	279	QP
5	403.2500	23.84	-8.64	15.20	37.00	-21.80	200	160	QP
6	739.6604	22.41	-1.31	21.10	37.00	-15.90	200	360	QP

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10 (1GHz~12GHz)	Date:	02/27/2013
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	5279.000	59.22	-12.14	47.08	74.00	-26.92	peak
2	9723.000	53.55	-4.70	48.85	74.00	-25.15	peak
3	11131.000	51.73	-2.07	49.66	74.00	-24.34	peak

Standard:	FCC Part 15B Class B	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AirCard 771S	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	10 (1GHz~12GHz)	Date:	02/27/2013
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	3761.000	63.93	-15.28	48.65	74.00	-25.35	peak
2	9074.000	54.89	-5.99	48.90	74.00	-25.10	peak
3	10493.000	52.61	-2.89	49.72	74.00	-24.28	peak