



FCC TEST REPORT

According to

FCC Rules and Regulations Part 15 Subpart C

Applicant	: SerComm Corporation
Address	: 8F, No. 3-1, YuanQu St., NanKang, Taipei 115, Taiwan, R.O.C.
Equipment	: 802.11N Wireless Broadband Router
Model No.	: IP1006SR, WBR-6003, WL-340
FCC ID	: P27IP1006SR
Trade Name	: SerComm

Laboratory Accreditation



- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **CerpPASS Technology Corp.** the test report shall not be reproduced except in full.
- The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.



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CERTIFICATE OF COMPLIANCE

According to

FCC Rules and Regulations Part 15 Subpart C

Applicant : SerComm Corporation

Address : 8F, No. 3-1, YuanQu St., NanKang, Taipei 115,
Taiwan, R.O.C.

Equipment : 802.11N Wireless Broadband Router

Model No. : IP1006SR, WBR-6003, WL-340

FCC ID : P27IP1006SR

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4** The equipment was **passed** the test performed according to **FCC Rules and Regulations Part 15 Subpart C (2007)**.

The test was carried out on Dec. 03, 2008 at **Cerpass Technology Corp.**

Signature


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



1. Report of Measurements and Examinations

1.1 List of Measurements and Examinations

FCC Rule	Description of Test	Result
15.203	. Antenna Requirement	Pass
15.207	. Conducted Emission	Pass
15.209 15.247(d)	. Radiated Emission	Pass
15.247(a)(2)	. 6dB Bandwidth	Pass
15.247(b)	. Maximum Peak Output Power	Pass
15.247(d)	. 100kHz Bandwidth of Frequency Band Edges	Pass
15.247(e)	. Power Spectral Density	Pass
1.1307 1.1310 2.1091 2.1093	. RF Exposure Compliance	Pass



2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

Standards	IEEE802.11b, IEEE802.11g WLAN, 802.11n Draft
Frequency	2.4 to 2.485GHz
Channels	Maximum 13 Channels, depending on regulatory authorities
Modulation	CCK, DQPSK, DBPSK, BPSK, QPSK, 16-QAM, 64-QAM, OFDM
Date Rate	Up to 150Mbps (802.11d Draft)
Security	WEP 64/128Bit, WPA-PSK, WPA2-PSK, WPA-802.1x, MAC address filtering, WPS button support
Dimensions	125mm (W)*122mm (D)*30mm(H)
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Network Protocol	TCP/IP
Network Interface	4* 10/100BaseT (RJ45) LAN connection 1* RJ-45 for ADSL/Broadband Modem
LEDs	6
Power Adapter	Leader \ MT12-Y120100-A1 -Input: 120V ~ 60Hz, 0.3A -Output: 12V, 1A DVE \ DSA-12G-12 AUS -Input: 100-120V ~ 50/60Hz, 0.3A -Output: 12V, 1A



2.2 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n, HT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	12	---

802.11n, HT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---



2.3 Test Mode and Test Software

- 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, Keyboard, Mouse, Printer, Modem and EUT for EMI test. The remote workstation included Notebook.
- c. An executive program, "PING.EXE" under WIN XP, which transmits and receives data to the remote workstation through LAN(100M) and Wireless(135M).
- d. The following test mode and test software was performed for conduction and radiation test:
 - 802.11b/g/n HT20: CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
 - 802.11n HT40: CH03: 2422MHz, CH06: 2437MHz, CH09: 2452MHz
- e. The following test modes included three kinds of antenna and two kinds of power adapter:

Test Mode	Modulation Type	Antenna	Adapter Model
Test Mode 1	802.11b	(External) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 2	802.11g	(External) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 3	802.11n HT20	(External) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 4	802.11n HT40	(External) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 5	802.11b	(External) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 6	802.11g	(External) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 7	802.11n HT20	(External) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 8	802.11n HT40	(External) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 9	802.11b	(External) 5dBi	Leader \ MT12-Y120100-A1
Test Mode 10	802.11g	(External) 5dBi	Leader \ MT12-Y120100-A1
Test Mode 11	802.11n HT20	(External) 5dBi	Leader \ MT12-Y120100-A1
Test Mode 12	802.11n HT40	(External) 5dBi	Leader \ MT12-Y120100-A1
Test Mode 13	802.11b	(External) 5dBi	DVE \ DSA-12G-12 AUS
Test Mode 14	802.11g	(External) 5dBi	DVE \ DSA-12G-12 AUS
Test Mode 15	802.11n HT20	(External) 5dBi	DVE \ DSA-12G-12 AUS
Test Mode 16	802.11n HT40	(External) 5dBi	DVE \ DSA-12G-12 AUS
Test Mode 17	802.11b	(Internal) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 18	802.11g	(Internal) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 19	802.11n HT20	(Internal) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 20	802.11n HT40	(Internal) 1.8dBi	Leader \ MT12-Y120100-A1
Test Mode 21	802.11b	(Internal) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 22	802.11g	(Internal) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 23	802.11n HT20	(Internal) 1.8dBi	DVE \ DSA-12G-12 AUS
Test Mode 24	802.11n HT40	(Internal) 1.8dBi	DVE \ DSA-12G-12 AUS

- f. For Conducted and Radiated emission test, Test Mode 2, 3, 4, 6, 7, 8, 10, 11, 12, 14, 15, 16, 18, 19, 20, 22, 23, 24 would be chosen to do final test.



2.4 Description of Test System

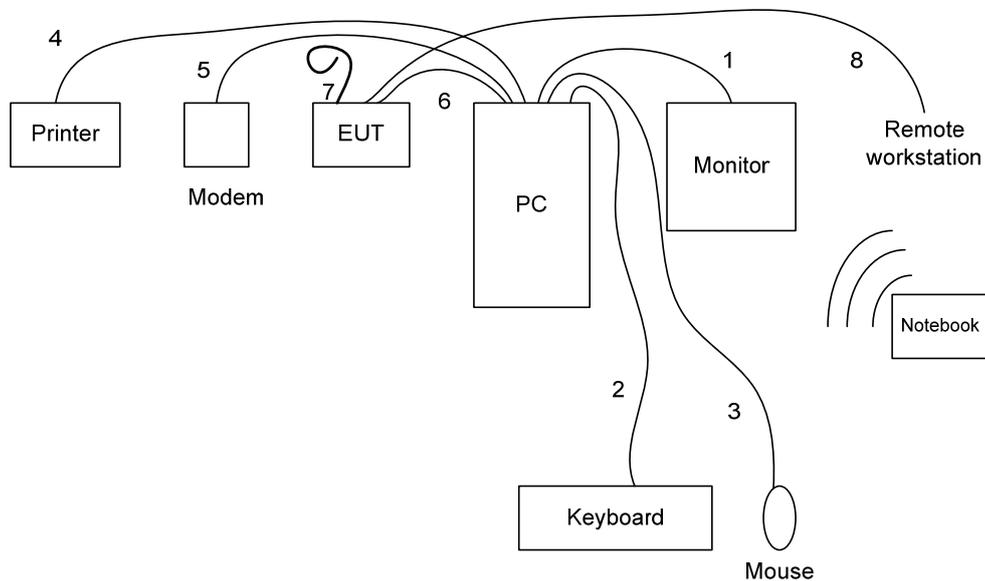
Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Data Cable, Unshielding 1.8m
Monitor	SlimAGE	510A	Power Cable, Adapter Unshielding 1.8 m Data Cable, VGA Shielding 1.35 m
Keyboard	IBM	KB-0225	Data Cable, PS/2 Shielding 1.85 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Printer	hp	Desk Jet400	Power Cable, Adapter Unshielding 1.8 m Data Cable, Print Shielding 1.6 m
Modem	ACEXX	DM-1414	Power Cable, Adapter Unshielding 1.8 m Data Cable, RS232 Shielding 1.35 m
Notebook (Remote Workstation)	DELL	PP10L	Power Cable, Unshielding 1.8 m
Notebook (Remote Workstation)	TOSHIBA	PSA50T- 05M00C	Power Cable, Unshielding 1.8 m

Use Cable:

Cable	Quantity	Description
RJ45	1	Unshielding, 5.0m
RJ45	1	Unshielding, 1.5m
RJ45	3	Unshielding, 3.0m



2.5 Connection Diagram of Test System



1. The VGA cable is connected from PC to Monitor.
 2. The PS/2 cable is connected from PC to Keyboard.
 3. The USB cable is connected from PC to Mouse.
 4. The Print cable is connected from PC to the Printer.
 5. The RS232 cable is connected from PC to the Modem.
 6. The RJ45 cable is connected from PC to the EUT.
 7. These RJ45 cables (x3) are floating.
 8. The RJ45 cable is connected from EUT to the remote workstation.
- * The EUT keeps to transmit and receive data via Notebook by Wireless.



2.6 General Information of Test

Test Site :	CerpPASS Technology Corp. 4F-2, No. 28, Lane 78, Xing-Ai Rd. Nei-hu, Taipei City 114 Taiwan R.O.C.
Test Site Location (OATS1-SD):	No.68-1, Shihbachongsi, shihding Township, Taipei City 223, Taiwan, R.O.C. Registration Number: 632249.
FCC Registration Number :	632249
IC Registration Number :	4934B-1
VCCI Registration Number :	T-182 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30MHz Radiation: from 30MHz to 24620MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.



2.7 Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	2.71 dB
Radiated Emission	30 MHz ~ 25GHz	Vertical	4.11 dB
		Horizontal	4.10 dB
6 dB Bandwidth	---	---	7500 Hz
Maximum Peak Output Power	---	---	1.4 dB
100kHz Bandwidth of Frequency Band Edges	---	---	2.2 dB
Power Spectral Density	---	---	2.2 dB



3. Antenna Requirements

3.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

3.2 Antenna Construction and Directional Gain

Antenna type: Reverse SMA Dipole Antenna

Antenna Gain: 1.8 dBi

Antenna type: Reverse SMA Dipole Antenna

Antenna Gain: 5 dBi

Antenna type: Integral Dipole Antenna

Antenna Gain: 1.8 dBi



4. Test of Conducted Emission

4.1 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

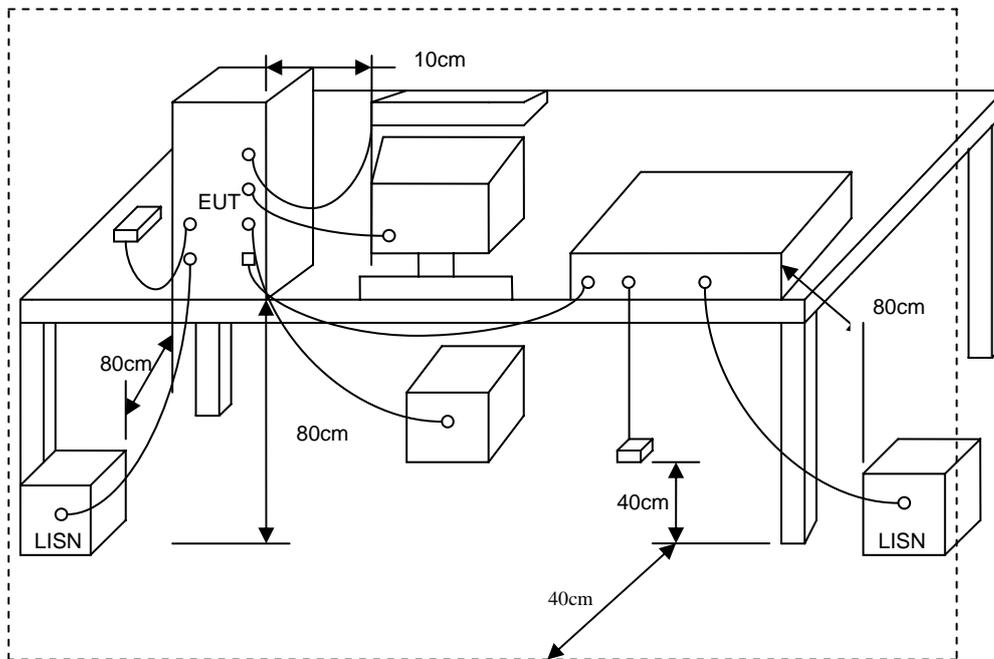
*Decreases with the logarithm of the frequency.

4.2 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.



4.3 Typical Test Setup



4.4 Measurement equipment

<For Mode 1 ~ Mode 16>

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
EMI Receiver	SCHAFFNER	SCR-3501	437	2007/11/26	2008/11/25
LISN	NNB-2/16Z	MESS TEC	02/10191	2008/06/03	2009/06/02
LISN	NNB-2/16Z	ROLF HEINE	03/10058	2008/04/19	2009/04/18

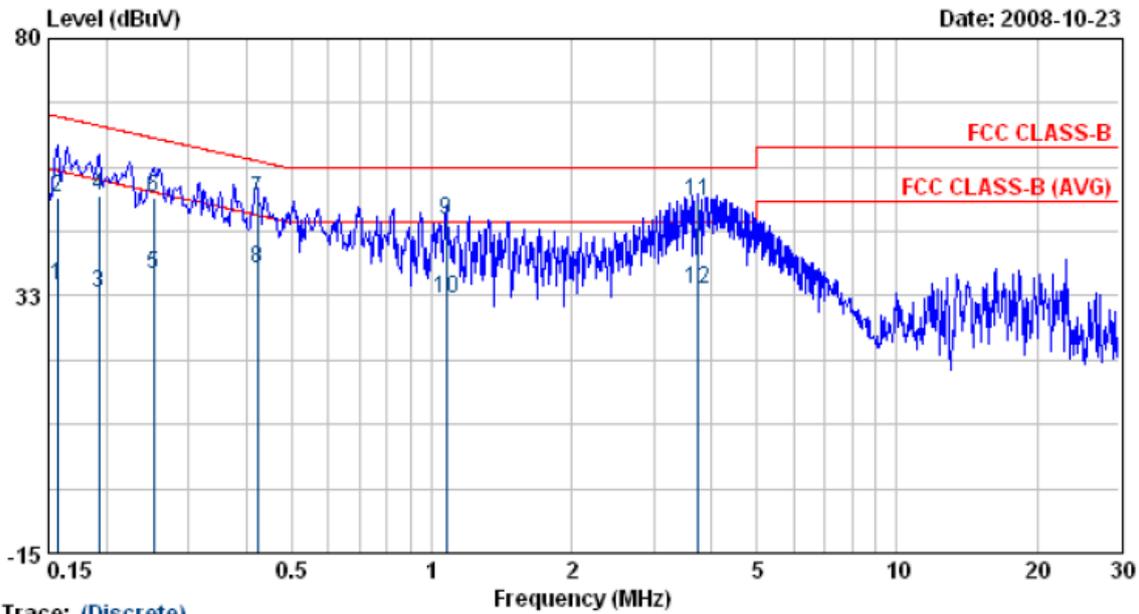
<For Mode 17 ~ Mode 24>

Instrument/Ancillary	Model No.	Manufacturer	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	2009/05/13
LISN	ROLF HEINE	NNB-2/16Z	03/10058	2008/04/19	2009/04/18



4.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



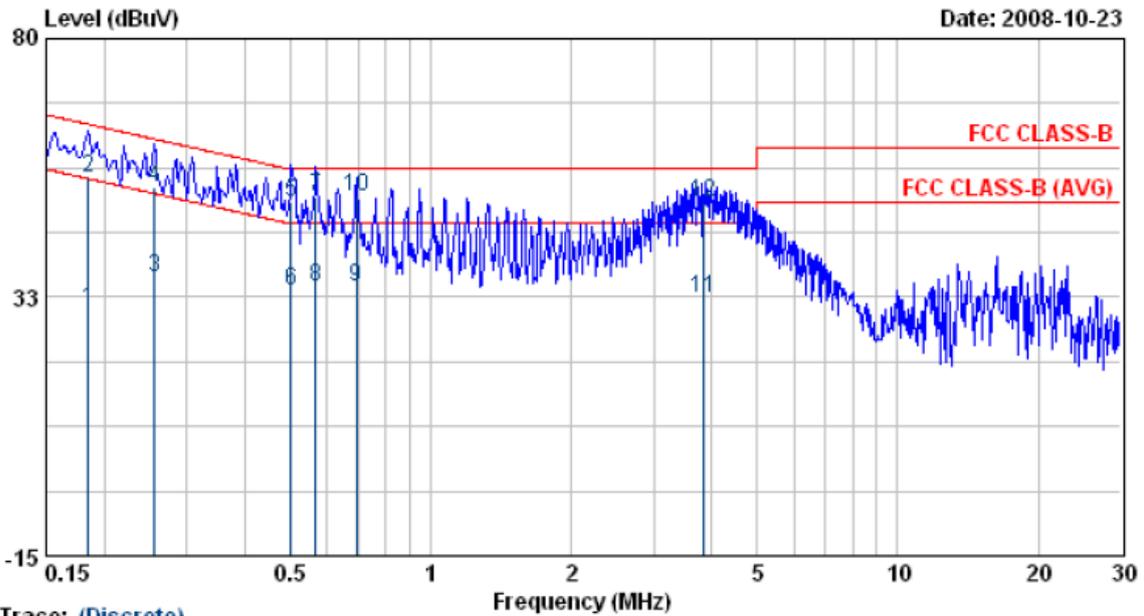
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	34.42	0.11	34.53	55.65	-21.12	AVERAGE
2	0.16	50.63	0.11	50.74	65.65	-14.90	QP
3	0.19	32.98	0.11	33.09	53.93	-20.84	AVERAGE
4	0.19	50.90	0.11	51.01	63.93	-12.92	QP
5	0.25	36.53	0.11	36.64	51.69	-15.05	AVERAGE
6	0.25	50.40	0.11	50.51	61.69	-11.18	QP
7	0.42	50.04	0.11	50.16	57.42	-7.26	QP
8	0.42	37.41	0.11	37.52	47.42	-9.89	AVERAGE
9	1.08	46.48	0.17	46.65	56.00	-9.35	QP
10	1.08	31.75	0.17	31.92	46.00	-14.08	AVERAGE
11	3.73	49.46	0.31	49.77	56.00	-6.23	QP
12	3.73	33.52	0.31	33.83	46.00	-12.17	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



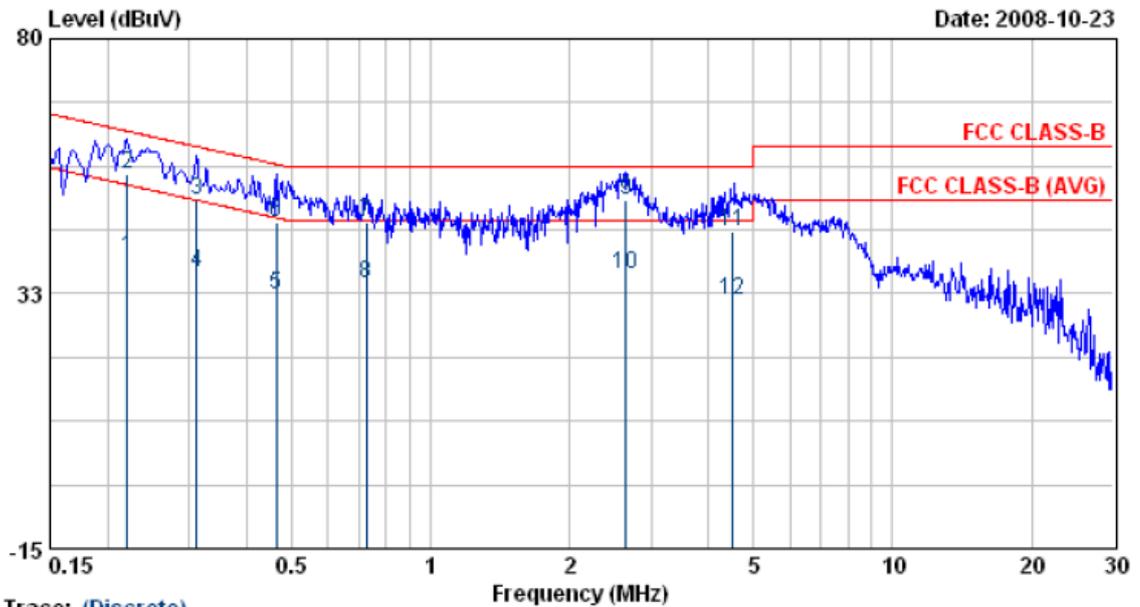
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.18	30.05	0.14	30.19	54.28	-24.10	AVERAGE
2	0.18	54.15	0.14	54.29	64.28	-9.99	QP
3	0.26	36.05	0.14	36.19	51.56	-15.37	AVERAGE
4	0.26	52.68	0.14	52.82	61.56	-8.73	QP
5	0.50	49.71	0.15	49.86	56.00	-6.14	QP
6	0.50	33.61	0.15	33.76	46.00	-12.24	AVERAGE
7	0.57	50.69	0.16	50.85	56.00	-5.15	QP
8	0.57	34.38	0.16	34.54	46.00	-11.46	AVERAGE
9	0.69	34.29	0.16	34.45	46.00	-11.55	AVERAGE
10	0.69	50.71	0.16	50.88	56.00	-5.12	QP
11	3.85	31.94	0.30	32.24	46.00	-13.76	AVERAGE
12	3.85	49.49	0.30	49.79	56.00	-6.21	QP

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 3	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

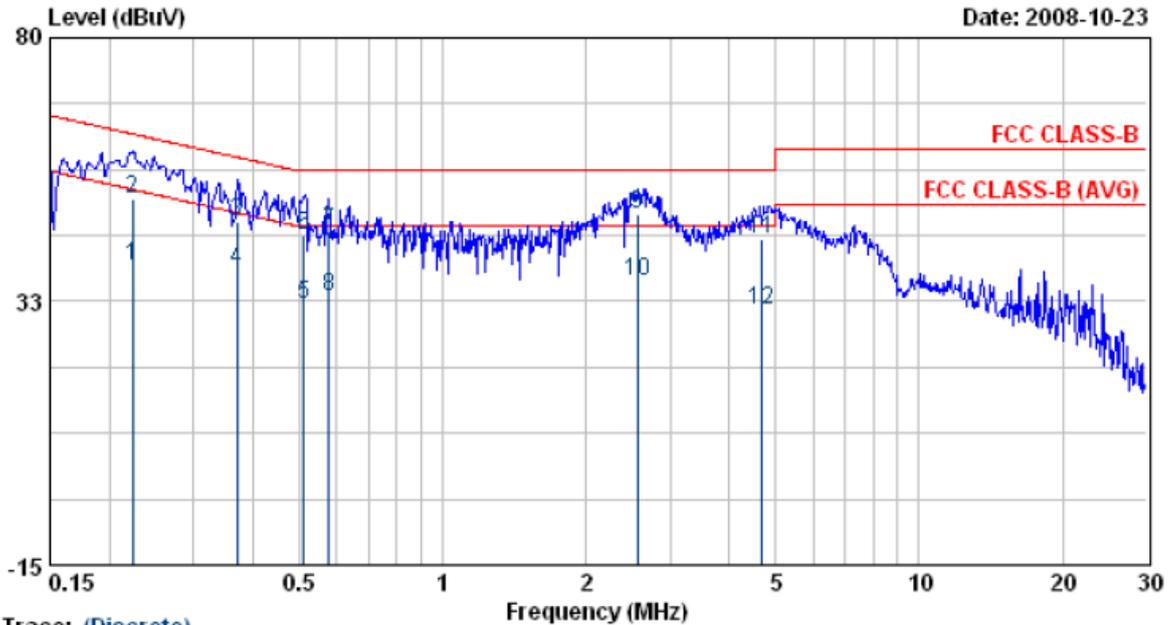
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	39.18	0.11	39.29	52.79	-13.50	AVERAGE
2	0.22	54.62	0.11	54.73	62.79	-8.06	QP
3	0.31	49.86	0.12	49.97	59.93	-9.95	QP
4	0.31	36.33	0.12	36.44	49.93	-13.48	AVERAGE
5	0.46	32.27	0.12	32.39	46.63	-14.23	AVERAGE
6	0.46	45.77	0.12	45.89	56.63	-10.74	QP
7	0.73	45.67	0.14	45.82	56.00	-10.18	QP
8	0.73	34.39	0.14	34.53	46.00	-11.47	AVERAGE
9	2.65	49.58	0.27	49.85	56.00	-6.15	QP
10	2.65	35.90	0.27	36.17	46.00	-9.83	AVERAGE
11	4.49	43.82	0.33	44.14	56.00	-11.86	QP
12	4.49	31.06	0.33	31.39	46.00	-14.61	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 3	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

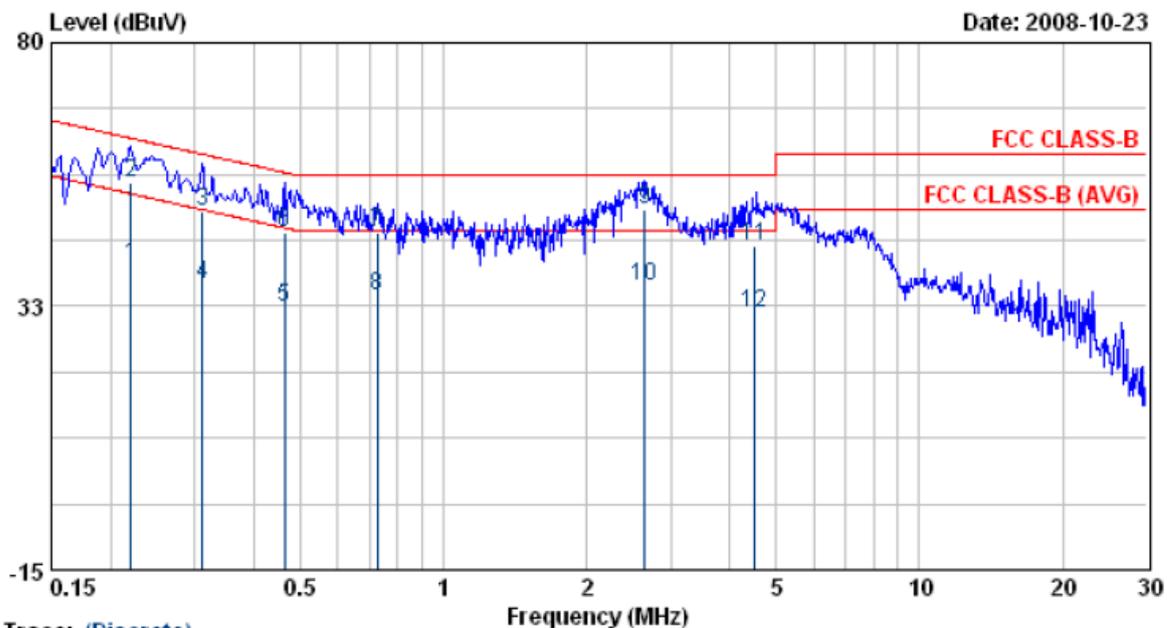
Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.22	38.91	0.14	39.05	52.70	-13.65	AVERAGE
2	0.22	51.02	0.14	51.15	62.70	-11.55	QP
3	0.37	46.68	0.14	46.82	58.47	-11.66	QP
4	0.37	37.99	0.14	38.13	48.47	-10.35	AVERAGE
5	0.51	31.69	0.15	31.84	46.00	-14.16	AVERAGE
6	0.51	44.23	0.15	44.38	56.00	-11.62	QP
7	0.58	44.85	0.16	45.00	56.00	-11.00	QP
8	0.58	33.18	0.16	33.34	46.00	-12.66	AVERAGE
9	2.57	48.08	0.26	48.34	56.00	-7.66	QP
10	2.57	35.95	0.26	36.20	46.00	-9.80	AVERAGE
11	4.69	43.31	0.32	43.63	56.00	-12.37	QP
12	4.69	30.77	0.32	31.09	46.00	-14.91	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 4	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

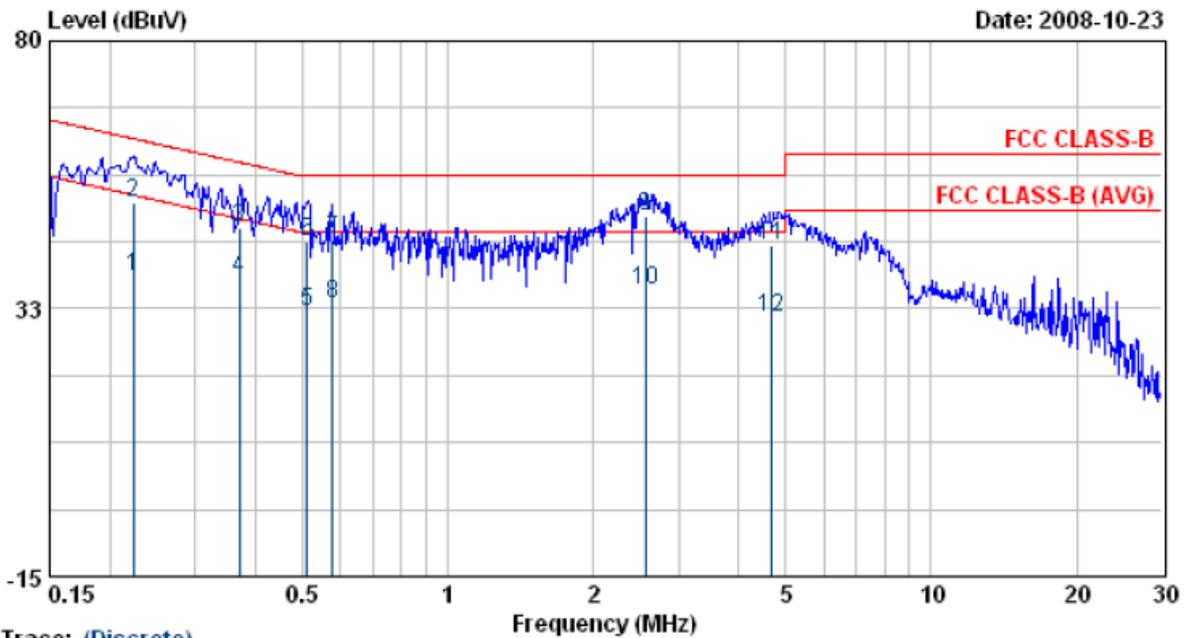
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	39.81	0.11	39.92	52.79	-12.87	AVERAGE
2	0.22	54.62	0.11	54.73	62.79	-8.06	QP
3	0.31	49.58	0.12	49.70	59.93	-10.23	QP
4	0.31	36.28	0.12	36.39	49.93	-13.53	AVERAGE
5	0.46	32.37	0.12	32.49	46.63	-14.14	AVERAGE
6	0.46	45.70	0.12	45.82	56.63	-10.81	QP
7	0.73	45.64	0.14	45.79	56.00	-10.21	QP
8	0.73	34.31	0.14	34.45	46.00	-11.55	AVERAGE
9	2.65	49.83	0.27	50.10	56.00	-5.90	QP
10	2.65	35.94	0.27	36.21	46.00	-9.79	AVERAGE
11	4.49	43.15	0.33	43.48	56.00	-12.52	QP
12	4.49	31.04	0.33	31.37	46.00	-14.63	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 4	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

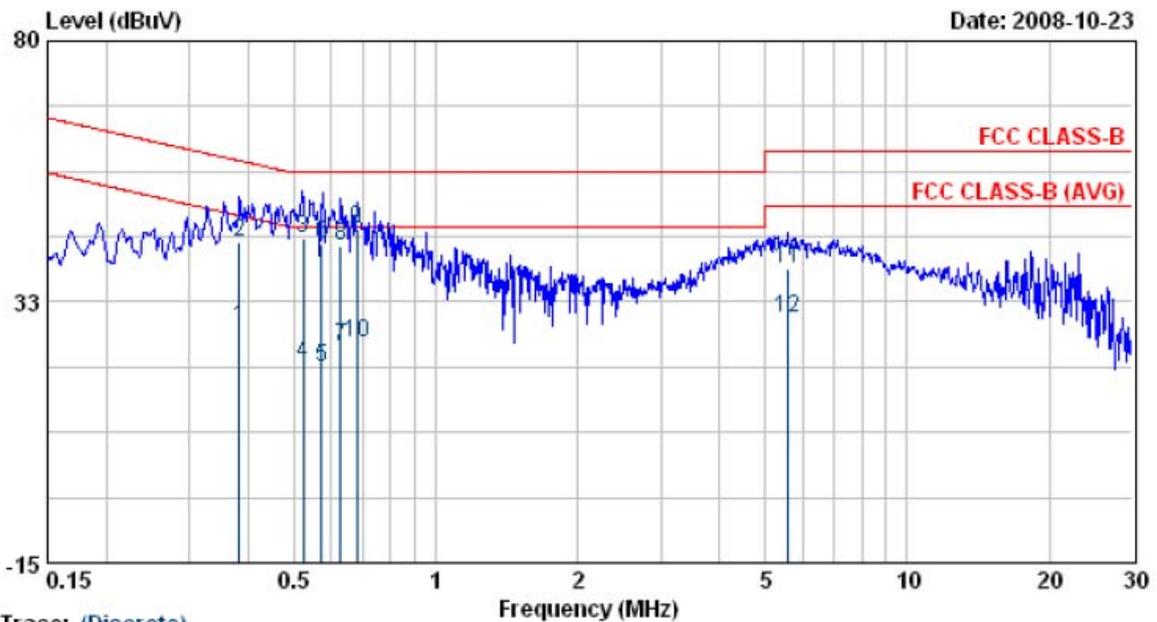
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	38.14	0.14	38.27	52.70	-14.43	AVERAGE
2	0.22	51.07	0.14	51.21	62.70	-11.49	QP
3	0.37	46.77	0.14	46.91	58.47	-11.57	QP
4	0.37	37.87	0.14	38.01	48.47	-10.46	AVERAGE
5	0.51	31.69	0.15	31.84	46.00	-14.16	AVERAGE
6	0.51	44.32	0.15	44.47	56.00	-11.53	QP
7	0.58	44.49	0.16	44.64	56.00	-11.36	QP
8	0.58	33.10	0.16	33.26	46.00	-12.74	AVERAGE
9	2.57	48.82	0.26	49.07	56.00	-6.93	QP
10	2.57	35.48	0.26	35.74	46.00	-10.26	AVERAGE
11	4.69	43.33	0.32	43.65	56.00	-12.35	QP
12	4.69	30.73	0.32	31.05	46.00	-14.95	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 6	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



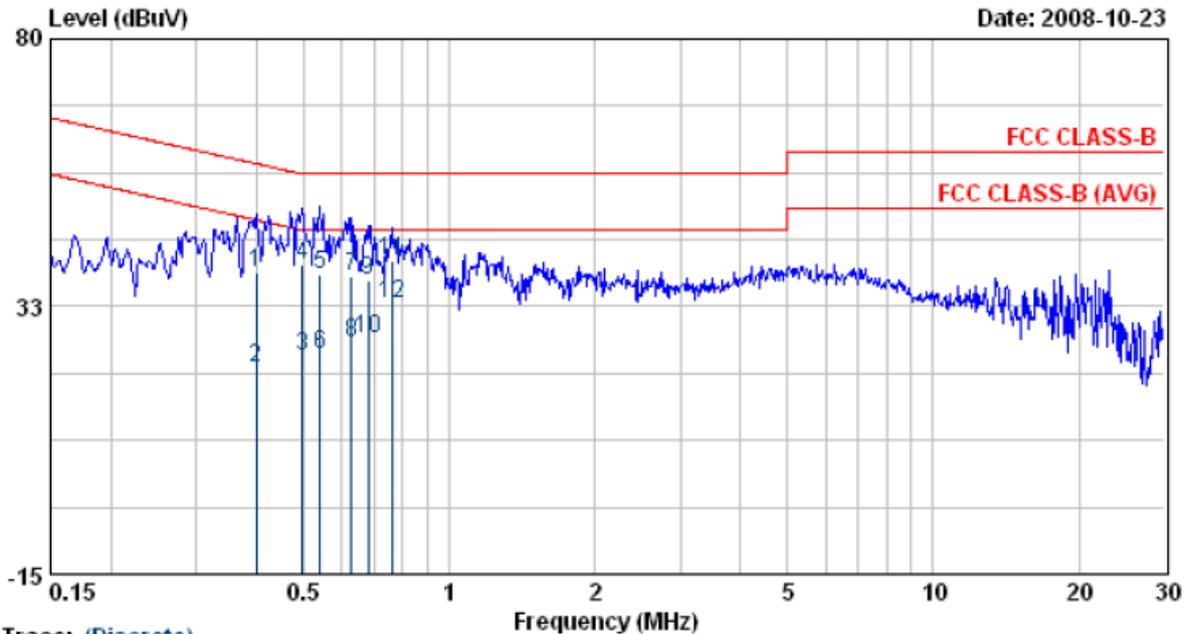
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.38	27.61	0.11	27.72	48.21	-20.49	AVERAGE
2	0.38	43.10	0.11	43.21	58.21	-15.00	QP
3	0.52	43.85	0.12	43.97	56.00	-12.03	QP
4	0.52	21.06	0.12	21.19	46.00	-24.81	AVERAGE
5	0.57	20.32	0.13	20.45	46.00	-25.55	AVERAGE
6	0.57	42.85	0.13	42.98	56.00	-13.02	QP
7	0.63	24.22	0.13	24.35	46.00	-21.65	AVERAGE
8	0.63	42.40	0.13	42.53	56.00	-13.47	QP
9	0.68	45.72	0.14	45.86	56.00	-10.14	QP
10	0.68	25.00	0.14	25.14	46.00	-20.86	AVERAGE
11	5.56	38.25	0.34	38.59	60.00	-21.41	QP
12	5.56	29.21	0.34	29.54	50.00	-20.46	AVERAGE

- Remarks:
- Level = Read Level + Factor
 - Factor = LISN(ISN) Factor + Cable Loss
 - All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 - According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 - The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 6	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



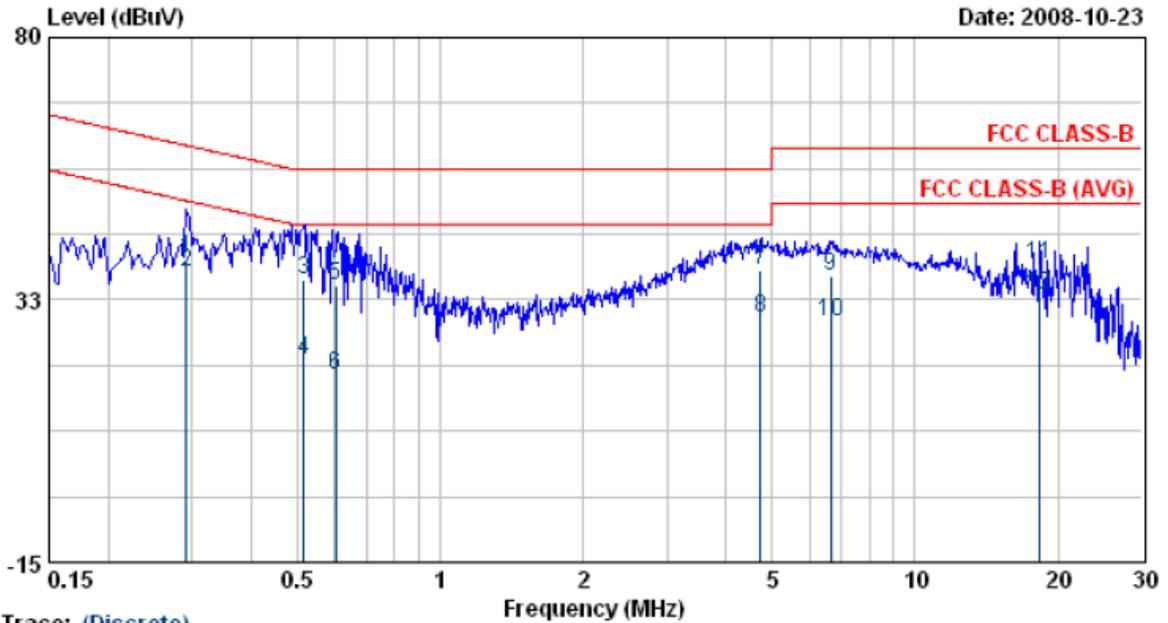
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.40	38.40	0.14	38.54	57.86	-19.32	QP
2	0.40	21.50	0.14	21.64	47.86	-26.22	AVERAGE
3	0.50	23.68	0.15	23.83	46.05	-22.22	AVERAGE
4	0.50	39.88	0.15	40.03	56.05	-16.03	QP
5	0.54	38.00	0.15	38.15	56.00	-17.85	QP
6	0.54	23.98	0.15	24.13	46.00	-21.87	AVERAGE
7	0.63	37.78	0.16	37.94	56.00	-18.06	QP
8	0.63	26.07	0.16	26.23	46.00	-19.77	AVERAGE
9	0.68	36.99	0.16	37.16	56.00	-18.84	QP
10	0.68	26.65	0.16	26.82	46.00	-19.18	AVERAGE
11	0.76	40.56	0.17	40.73	56.00	-15.27	QP
12	0.76	32.84	0.17	33.01	46.00	-12.99	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 7	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

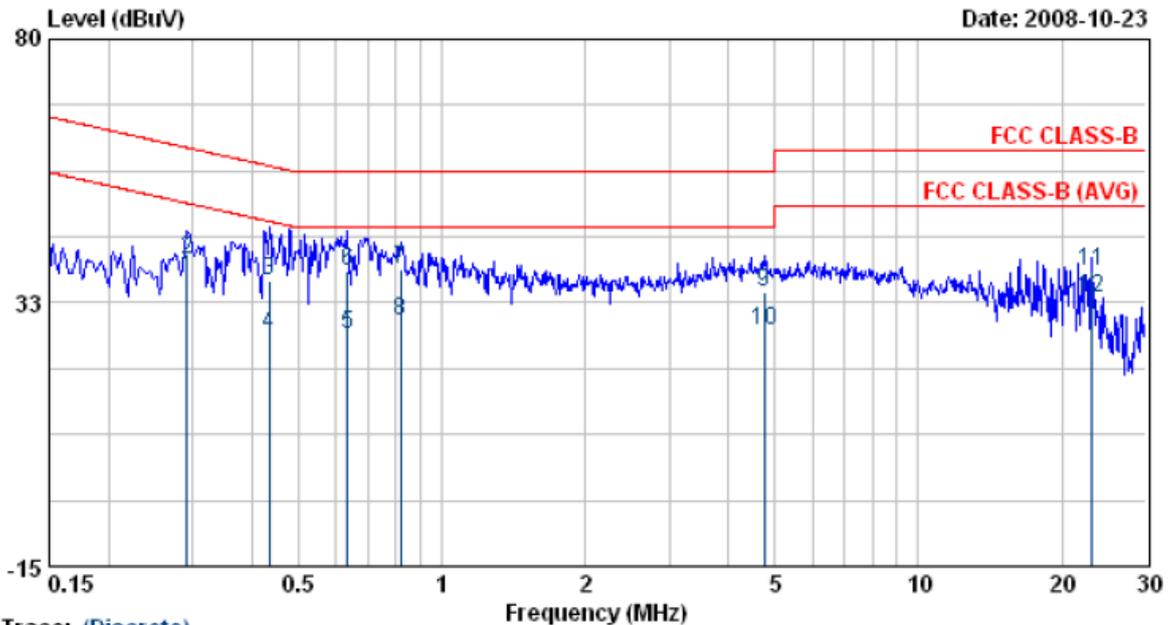
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	39.93	0.12	40.04	60.46	-20.41	QP
2	0.29	37.31	0.12	37.42	50.46	-13.03	AVERAGE
3	0.52	36.17	0.12	36.29	56.00	-19.71	QP
4	0.52	21.37	0.12	21.49	46.00	-24.51	AVERAGE
5	0.60	34.91	0.13	35.04	56.00	-20.96	QP
6	0.60	18.83	0.13	18.96	46.00	-27.04	AVERAGE
7	4.73	37.37	0.33	37.69	56.00	-18.31	QP
8	4.73	28.77	0.33	29.10	46.00	-16.90	AVERAGE
9	6.66	36.44	0.35	36.79	60.00	-23.21	QP
10	6.66	28.07	0.35	28.41	50.00	-21.59	AVERAGE
11	18.30	38.60	0.45	39.05	60.00	-20.95	QP
12	18.30	32.93	0.45	33.38	50.00	-16.62	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 7	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

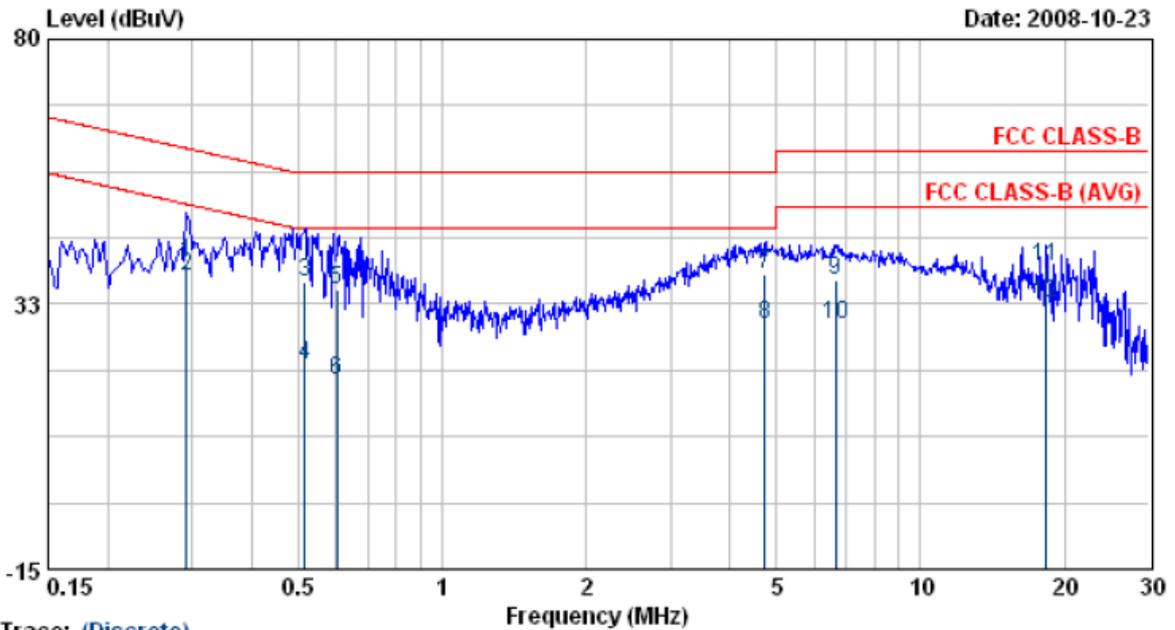
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.65	0.14	36.79	50.46	-13.67	AVERAGE
2	0.29	40.10	0.14	40.23	60.46	-20.22	QP
3	0.44	36.42	0.14	36.56	57.16	-20.59	QP
4	0.44	26.79	0.14	26.93	47.16	-20.23	AVERAGE
5	0.63	26.71	0.16	26.87	46.00	-19.13	AVERAGE
6	0.63	38.05	0.16	38.21	56.00	-17.79	QP
7	0.82	38.32	0.17	38.49	56.00	-17.51	QP
8	0.82	28.92	0.17	29.09	46.00	-16.91	AVERAGE
9	4.74	33.96	0.32	34.28	56.00	-21.72	QP
10	4.74	27.03	0.32	27.35	46.00	-18.65	AVERAGE
11	23.13	37.47	0.62	38.10	60.00	-21.90	QP
12	23.13	32.68	0.62	33.31	50.00	-16.69	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 8	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

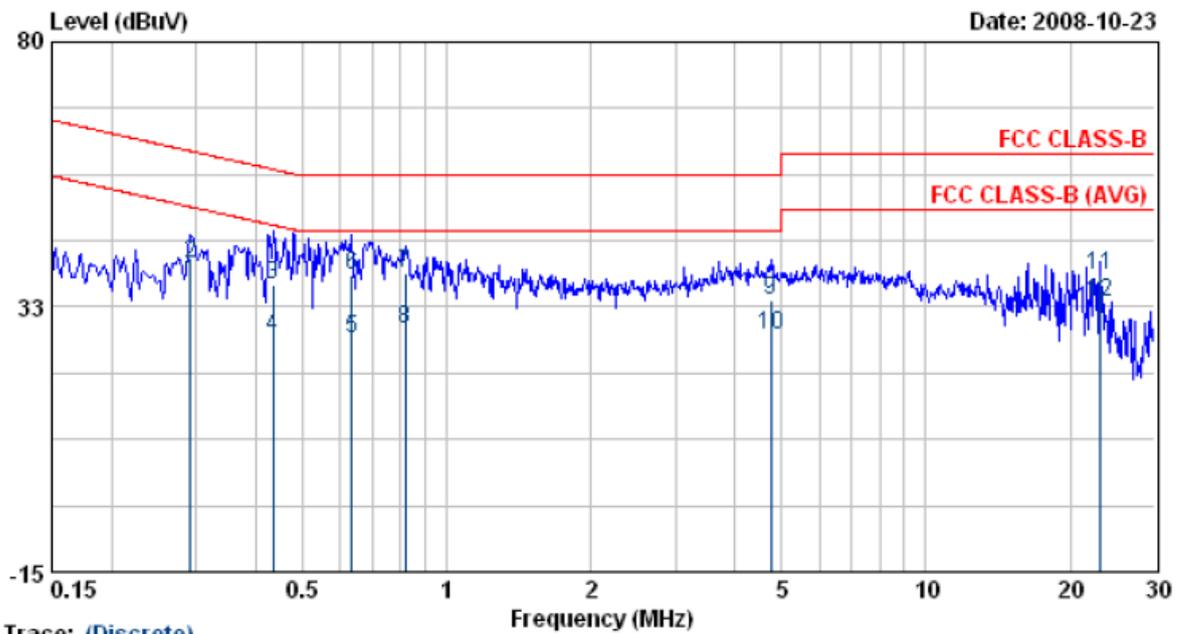
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	39.96	0.12	40.08	60.46	-20.38	QP
2	0.29	37.37	0.12	37.49	50.46	-12.97	AVERAGE
3	0.52	36.52	0.12	36.64	56.00	-19.36	QP
4	0.52	21.39	0.12	21.52	46.00	-24.48	AVERAGE
5	0.60	34.91	0.13	35.04	56.00	-20.96	QP
6	0.60	18.88	0.13	19.02	46.00	-26.99	AVERAGE
7	4.73	37.36	0.33	37.69	56.00	-18.31	QP
8	4.73	28.66	0.33	28.99	46.00	-17.01	AVERAGE
9	6.66	36.43	0.35	36.78	60.00	-23.22	QP
10	6.66	28.67	0.35	29.02	50.00	-20.98	AVERAGE
11	18.30	38.64	0.45	39.09	60.00	-20.91	QP
12	18.30	32.33	0.45	32.78	50.00	-17.22	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 8	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi	Humidity	: 52 %



Trace: (Discrete)

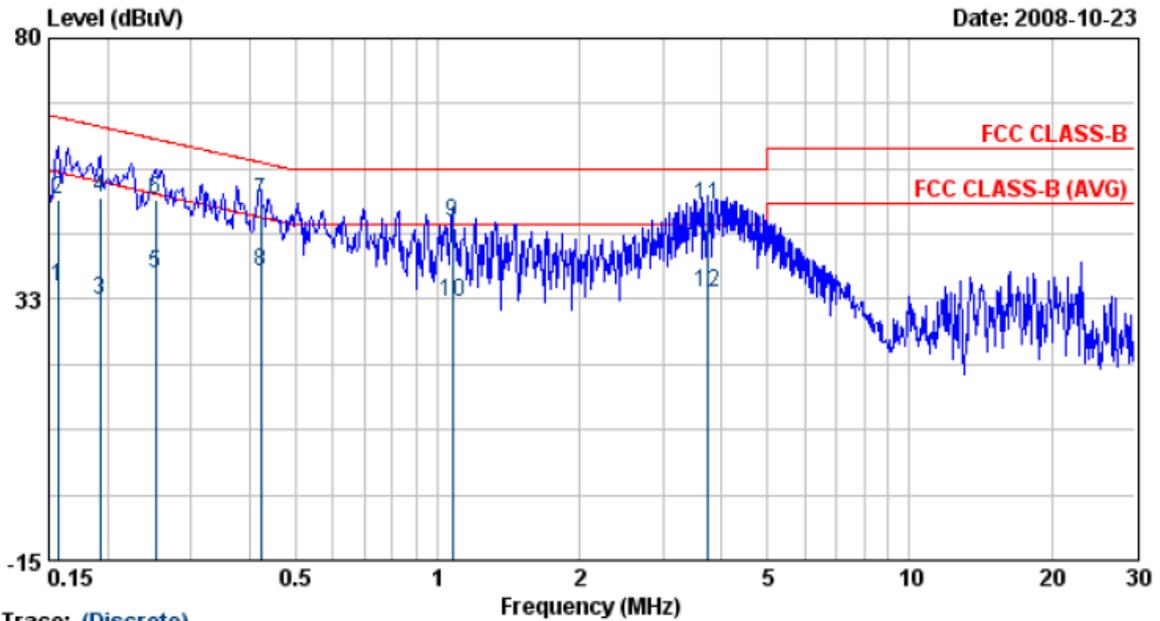
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.62	0.14	36.76	50.46	-13.70	AVERAGE
2	0.29	40.07	0.14	40.20	60.46	-20.25	QP
3	0.44	36.41	0.14	36.56	57.16	-20.60	QP
4	0.44	26.85	0.14	26.99	47.16	-20.16	AVERAGE
5	0.63	26.77	0.16	26.93	46.00	-19.07	AVERAGE
6	0.63	38.08	0.16	38.24	56.00	-17.76	QP
7	0.82	38.32	0.17	38.49	56.00	-17.51	QP
8	0.82	28.22	0.17	28.39	46.00	-17.61	AVERAGE
9	4.74	33.56	0.32	33.88	56.00	-22.12	QP
10	4.74	27.31	0.32	27.63	46.00	-18.37	AVERAGE
11	23.13	37.41	0.62	38.03	60.00	-21.97	QP
12	23.13	32.83	0.62	33.45	50.00	-16.55	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 10	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



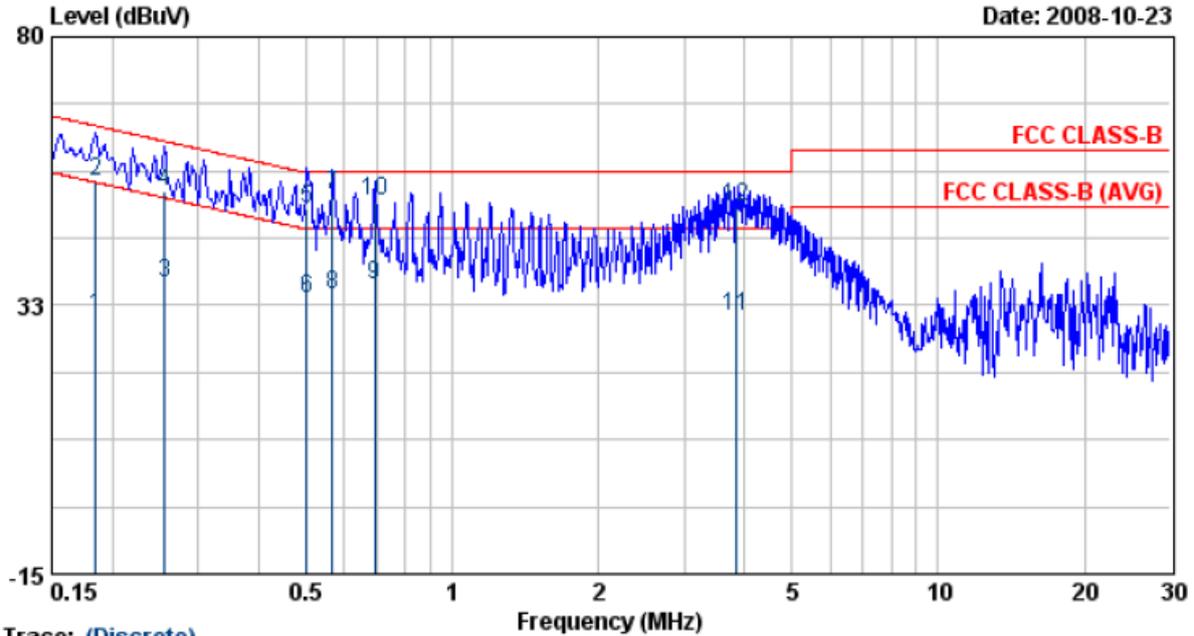
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	34.62	0.11	34.73	55.65	-20.92	AVERAGE
2	0.16	50.63	0.11	50.74	65.65	-14.90	QP
3	0.19	32.34	0.11	32.45	53.93	-21.48	AVERAGE
4	0.19	50.90	0.11	51.01	63.93	-12.92	QP
5	0.25	36.88	0.11	36.99	51.69	-14.70	AVERAGE
6	0.25	50.40	0.11	50.51	61.69	-11.18	QP
7	0.42	50.26	0.11	50.37	57.42	-7.05	QP
8	0.42	37.41	0.11	37.52	47.42	-9.89	AVERAGE
9	1.08	46.45	0.17	46.62	56.00	-9.38	QP
10	1.08	31.75	0.17	31.92	46.00	-14.08	AVERAGE
11	3.73	49.33	0.31	49.64	56.00	-6.36	QP
12	3.73	33.52	0.31	33.83	46.00	-12.17	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 10	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



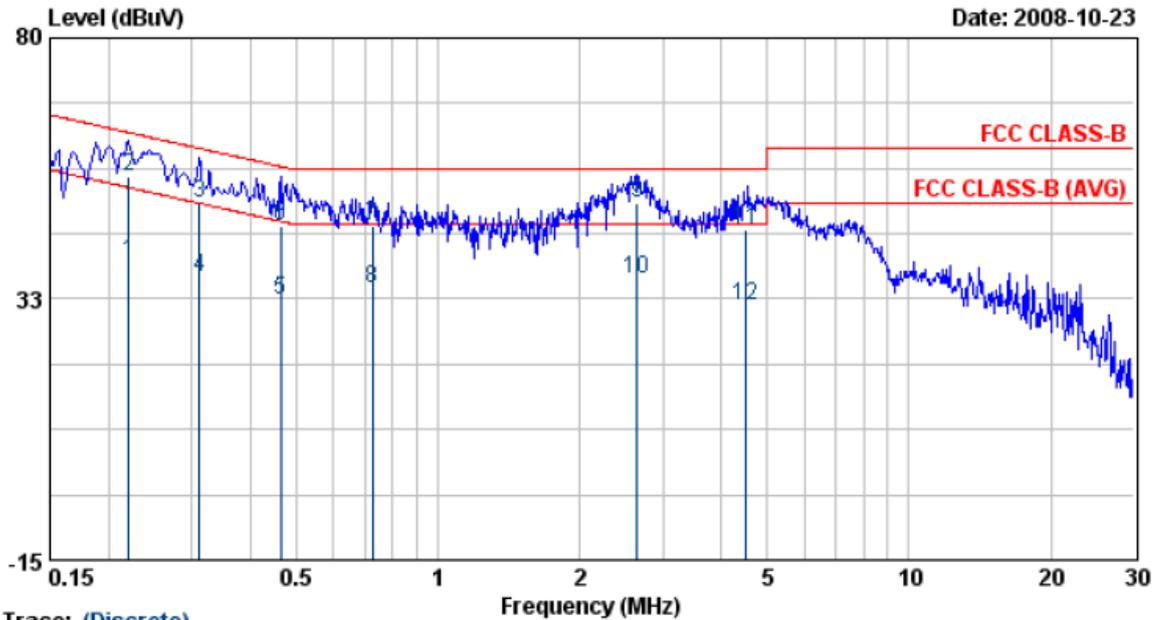
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.18	30.48	0.14	30.62	54.28	-23.67	AVERAGE
2	0.18	54.15	0.14	54.29	64.28	-9.99	QP
3	0.26	36.24	0.14	36.38	51.56	-15.18	AVERAGE
4	0.26	52.68	0.14	52.82	61.56	-8.73	QP
5	0.50	49.42	0.15	49.57	56.00	-6.43	QP
6	0.50	33.61	0.15	33.76	46.00	-12.24	AVERAGE
7	0.57	51.92	0.16	52.07	56.00	-3.93	QP
8	0.57	34.38	0.16	34.54	46.00	-11.46	AVERAGE
9	0.69	35.89	0.16	36.05	46.00	-9.95	AVERAGE
10	0.69	50.71	0.16	50.88	56.00	-5.12	QP
11	3.85	30.39	0.30	30.69	46.00	-15.31	AVERAGE
12	3.85	49.49	0.30	49.79	56.00	-6.21	QP

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same, so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences, all spurious emission of 802.11g mode at channel 1, 6, 11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 11	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

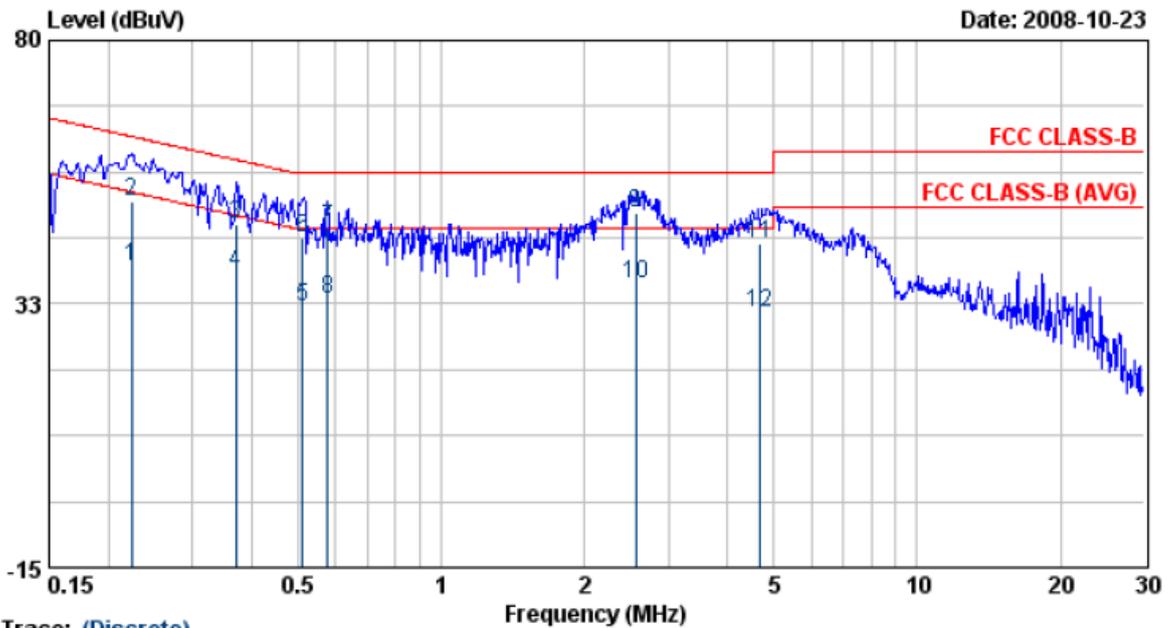
Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.22	39.11	0.11	39.22	52.79	-13.57	AVERAGE
2	0.22	54.62	0.11	54.73	62.79	-8.06	QP
3	0.31	49.88	0.12	50.00	59.93	-9.93	QP
4	0.31	36.33	0.12	36.44	49.93	-13.48	AVERAGE
5	0.46	32.37	0.12	32.49	46.63	-14.14	AVERAGE
6	0.46	45.77	0.12	45.89	56.63	-10.74	QP
7	0.73	45.74	0.14	45.89	56.00	-10.11	QP
8	0.73	34.39	0.14	34.53	46.00	-11.47	AVERAGE
9	2.65	49.53	0.27	49.80	56.00	-6.20	QP
10	2.65	35.90	0.27	36.17	46.00	-9.83	AVERAGE
11	4.49	44.82	0.33	45.14	56.00	-10.86	QP
12	4.49	31.06	0.33	31.39	46.00	-14.61	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 11	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

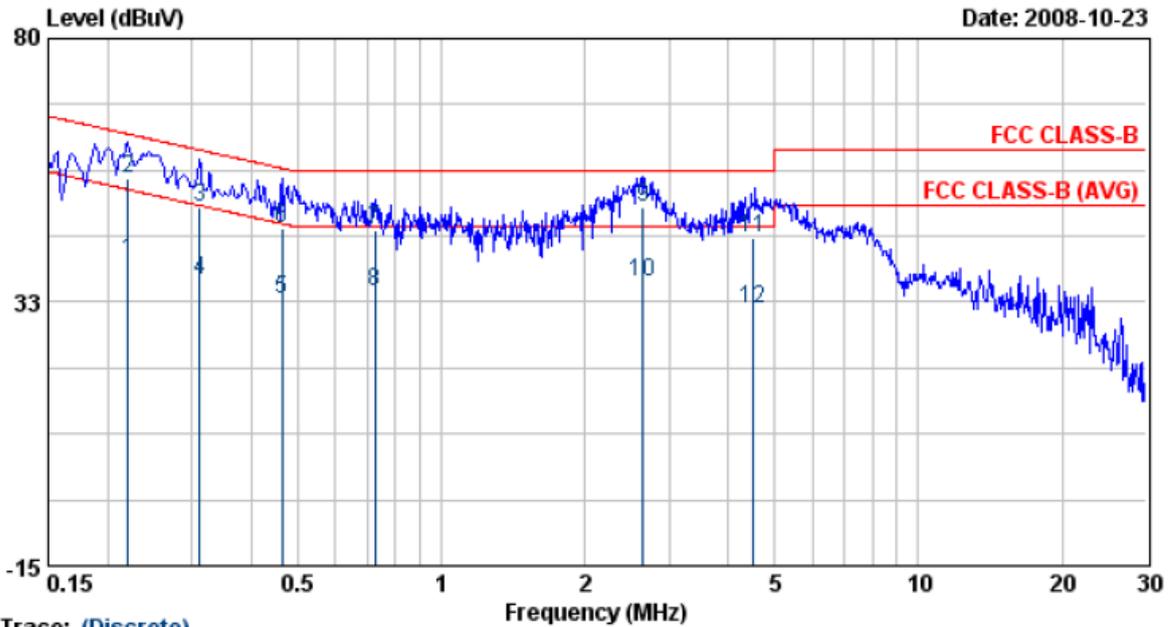
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	38.94	0.14	39.07	52.70	-13.63	AVERAGE
2	0.22	51.02	0.14	51.15	62.70	-11.55	QP
3	0.37	46.77	0.14	46.91	58.47	-11.57	QP
4	0.37	37.99	0.14	38.13	48.47	-10.35	AVERAGE
5	0.51	31.89	0.15	32.04	46.00	-13.96	AVERAGE
6	0.51	44.23	0.15	44.38	56.00	-11.62	QP
7	0.58	45.85	0.16	46.00	56.00	-10.00	QP
8	0.58	33.18	0.16	33.34	46.00	-12.66	AVERAGE
9	2.57	48.82	0.26	49.07	56.00	-6.93	QP
10	2.57	35.95	0.26	36.20	46.00	-9.80	AVERAGE
11	4.69	43.13	0.32	43.45	56.00	-12.55	QP
12	4.69	30.77	0.32	31.09	46.00	-14.91	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 12	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

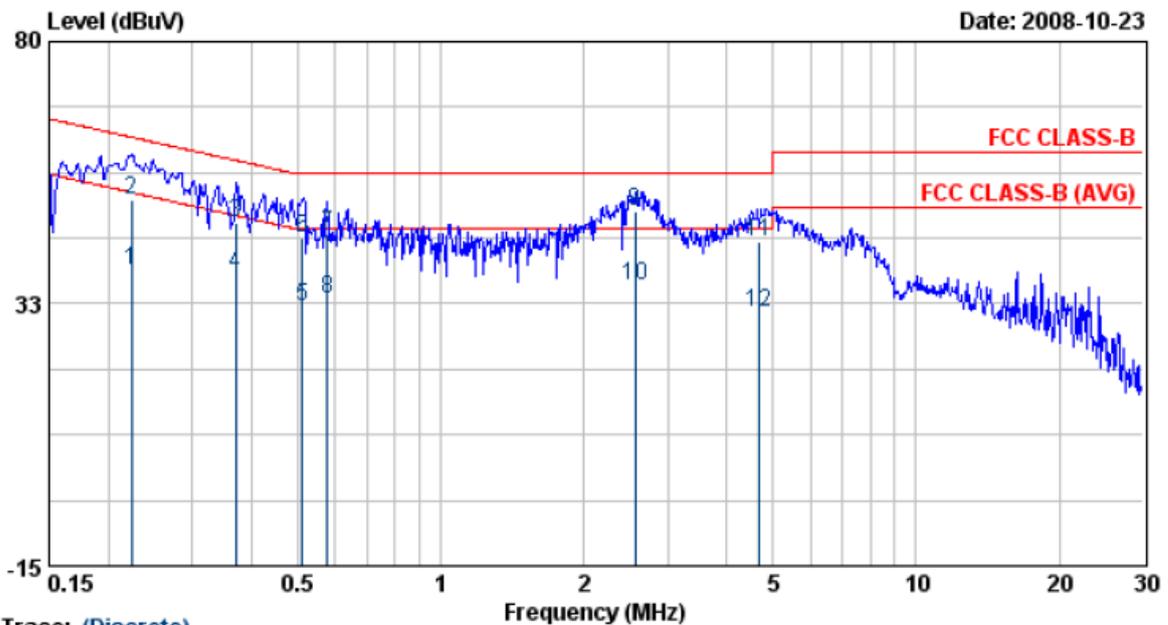
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	39.87	0.11	39.98	52.79	-12.81	AVERAGE
2	0.22	54.62	0.11	54.73	62.79	-8.06	QP
3	0.31	49.51	0.12	49.63	59.93	-10.30	QP
4	0.31	36.28	0.12	36.39	49.93	-13.53	AVERAGE
5	0.46	32.78	0.12	32.90	46.63	-13.73	AVERAGE
6	0.46	45.70	0.12	45.82	56.63	-10.81	QP
7	0.73	45.44	0.14	45.58	56.00	-10.42	QP
8	0.73	34.31	0.14	34.45	46.00	-11.55	AVERAGE
9	2.65	49.33	0.27	49.60	56.00	-6.40	QP
10	2.65	35.94	0.27	36.21	46.00	-9.79	AVERAGE
11	4.49	43.58	0.33	43.91	56.00	-12.09	QP
12	4.49	31.04	0.33	31.37	46.00	-14.63	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 12	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

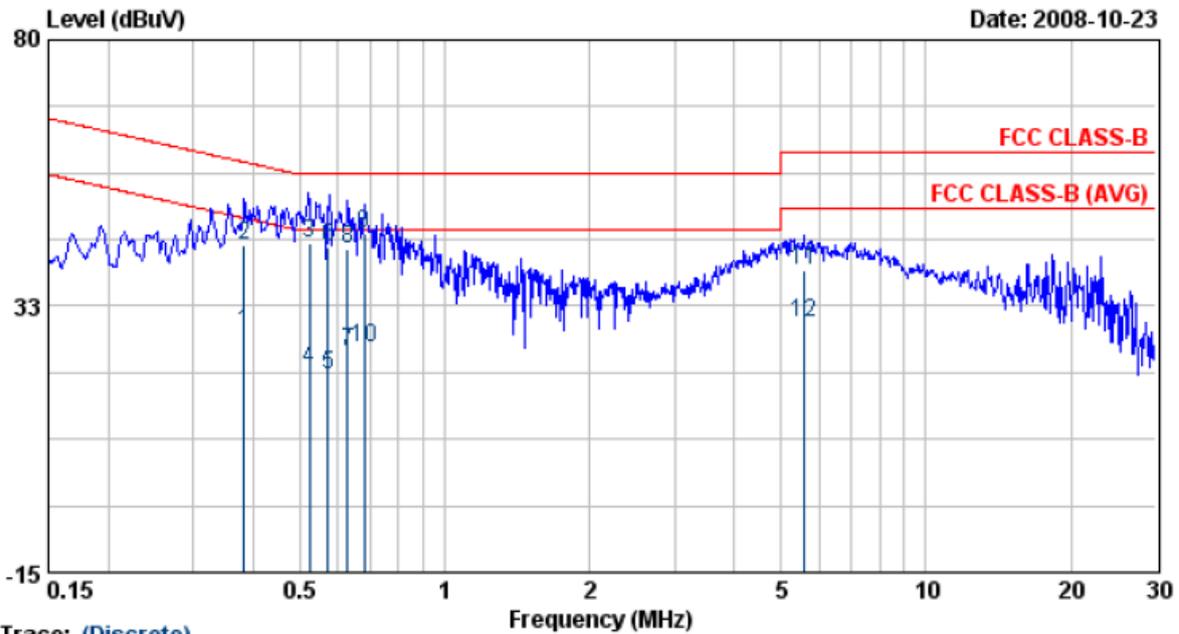
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	38.37	0.14	38.50	52.70	-14.20	AVERAGE
2	0.22	51.07	0.14	51.21	62.70	-11.49	QP
3	0.37	46.89	0.14	47.03	58.47	-11.45	QP
4	0.37	37.87	0.14	38.01	48.47	-10.46	AVERAGE
5	0.51	31.78	0.15	31.93	46.00	-14.07	AVERAGE
6	0.51	44.32	0.15	44.47	56.00	-11.53	QP
7	0.58	44.86	0.16	45.01	56.00	-10.99	QP
8	0.58	33.10	0.16	33.26	46.00	-12.74	AVERAGE
9	2.57	48.87	0.26	49.12	56.00	-6.88	QP
10	2.57	35.48	0.26	35.74	46.00	-10.26	AVERAGE
11	4.69	43.38	0.32	43.70	56.00	-12.30	QP
12	4.69	30.73	0.32	31.05	46.00	-14.95	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 14	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

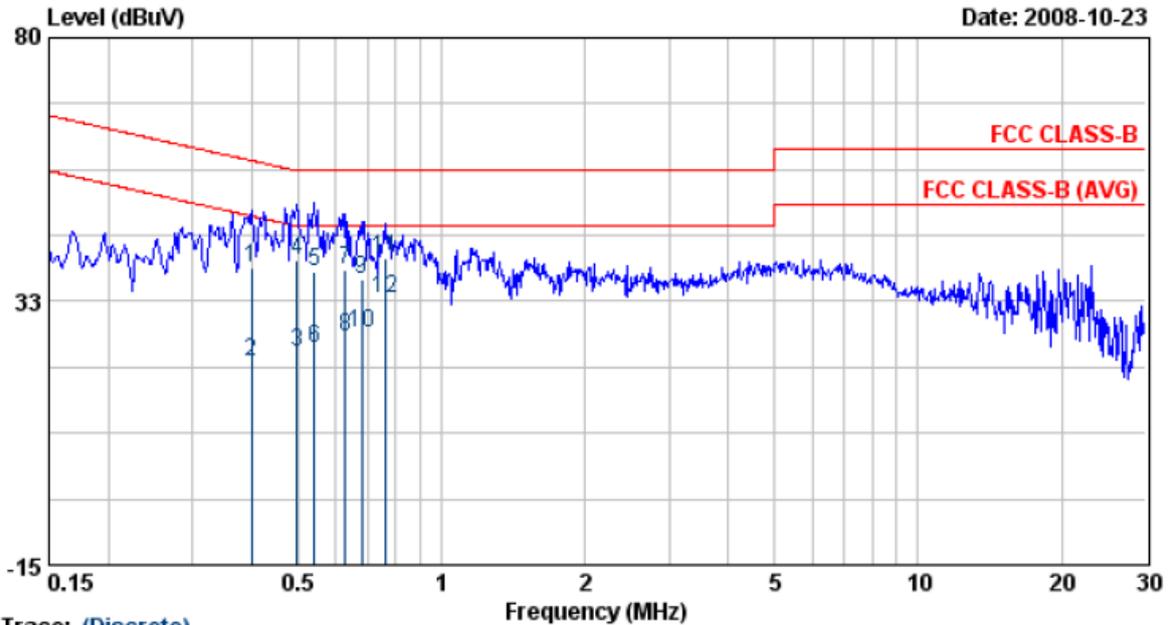
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.38	27.66	0.11	27.77	48.21	-20.44	AVERAGE
2	0.38	43.10	0.11	43.21	58.21	-15.00	QP
3	0.52	43.47	0.12	43.59	56.00	-12.41	QP
4	0.52	21.06	0.12	21.19	46.00	-24.81	AVERAGE
5	0.57	20.19	0.13	20.32	46.00	-25.68	AVERAGE
6	0.57	42.85	0.13	42.98	56.00	-13.02	QP
7	0.63	24.27	0.13	24.41	46.00	-21.59	AVERAGE
8	0.63	42.40	0.13	42.53	56.00	-13.47	QP
9	0.68	45.40	0.14	45.54	56.00	-10.46	QP
10	0.68	25.00	0.14	25.14	46.00	-20.86	AVERAGE
11	5.56	38.54	0.34	38.88	60.00	-21.12	QP
12	5.56	29.21	0.34	29.54	50.00	-20.46	AVERAGE

Remarks:

- Level = Read Level + Factor
- Factor = LISN(ISN) Factor + Cable Loss
- All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
- According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHZ,so that the channel 1 was chosen as representative in final test.
- The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 14	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



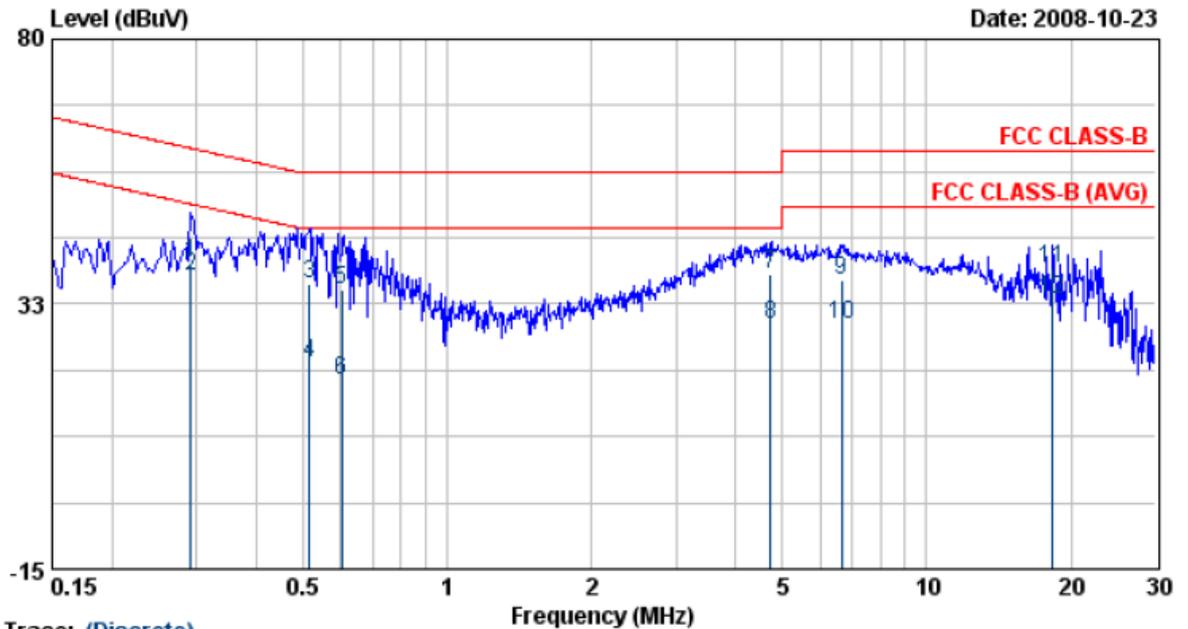
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.40	38.35	0.14	38.49	57.86	-19.37	QP
2	0.40	21.50	0.14	21.64	47.86	-26.22	AVERAGE
3	0.50	23.34	0.15	23.49	46.05	-22.56	AVERAGE
4	0.50	39.88	0.15	40.03	56.05	-16.03	QP
5	0.54	37.86	0.15	38.01	56.00	-17.99	QP
6	0.54	23.98	0.15	24.13	46.00	-21.87	AVERAGE
7	0.63	37.94	0.16	38.10	56.00	-17.90	QP
8	0.63	26.07	0.16	26.23	46.00	-19.77	AVERAGE
9	0.68	36.43	0.16	36.59	56.00	-19.41	QP
10	0.68	26.65	0.16	26.82	46.00	-19.18	AVERAGE
11	0.76	40.27	0.17	40.44	56.00	-15.56	QP
12	0.76	32.84	0.17	33.01	46.00	-12.99	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 15	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

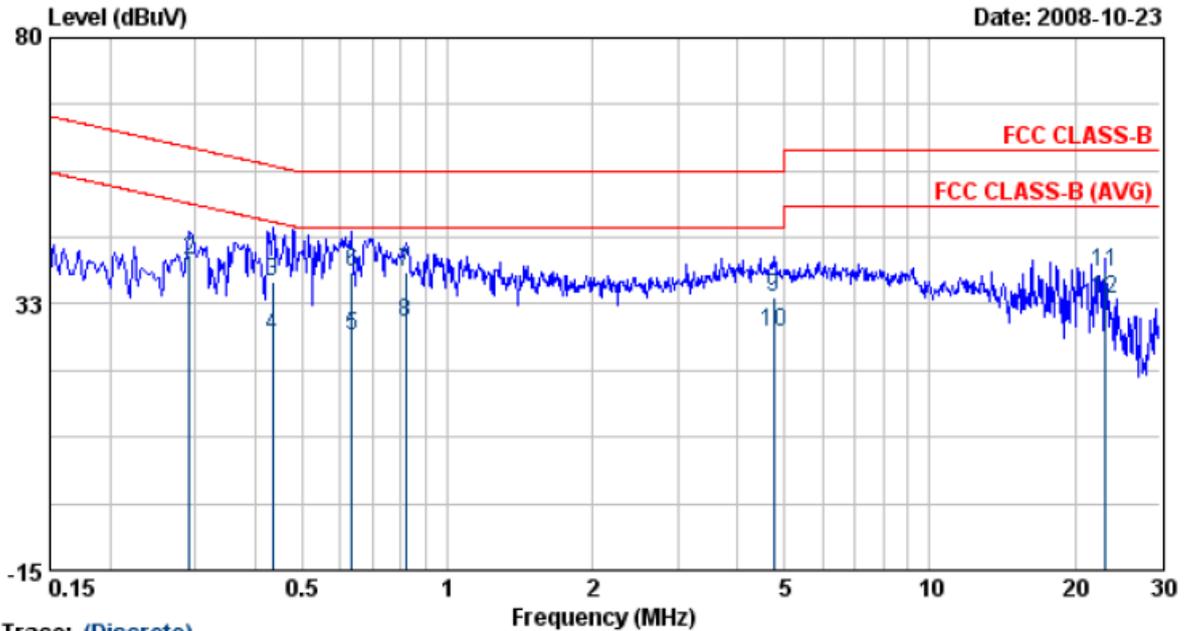
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	39.93	0.12	40.04	60.46	-20.41	QP
2	0.29	37.37	0.12	37.49	50.46	-12.97	AVERAGE
3	0.52	36.17	0.12	36.29	56.00	-19.71	QP
4	0.52	21.95	0.12	22.07	46.00	-23.93	AVERAGE
5	0.60	34.91	0.13	35.04	56.00	-20.96	QP
6	0.60	18.78	0.13	18.92	46.00	-27.09	AVERAGE
7	4.73	37.37	0.33	37.69	56.00	-18.31	QP
8	4.73	28.61	0.33	28.94	46.00	-17.06	AVERAGE
9	6.66	36.44	0.35	36.79	60.00	-23.21	QP
10	6.66	28.67	0.35	29.02	50.00	-20.98	AVERAGE
11	18.30	38.60	0.45	39.05	60.00	-20.95	QP
12	18.30	32.93	0.45	33.38	50.00	-16.62	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 15	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

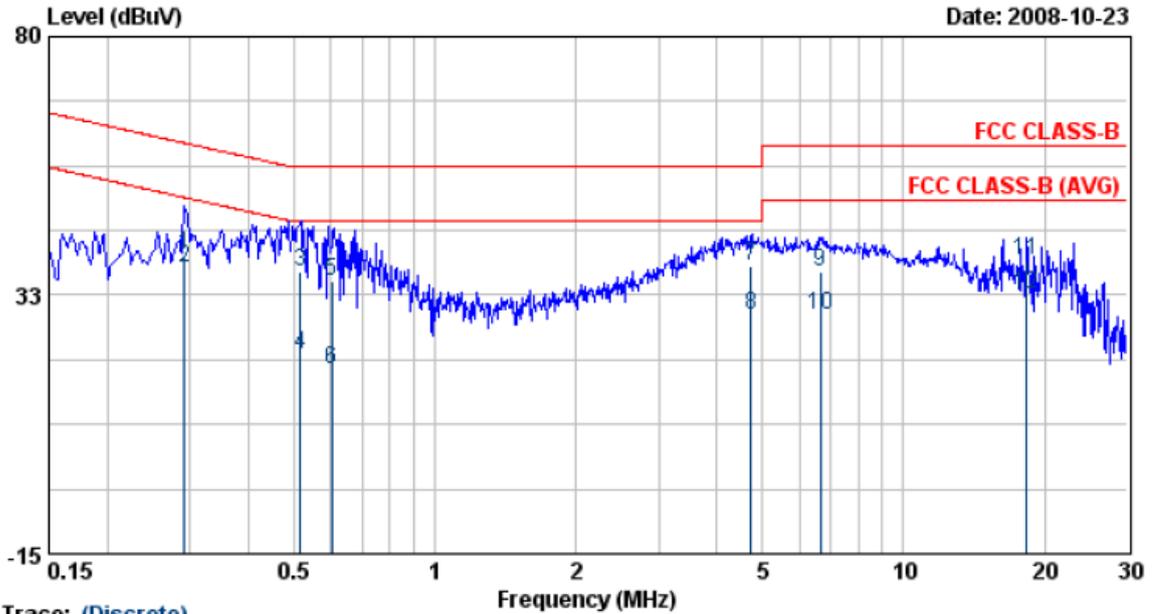
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.52	0.14	36.66	50.46	-13.80	AVERAGE
2	0.29	40.10	0.14	40.23	60.46	-20.22	QP
3	0.44	36.41	0.14	36.56	57.16	-20.60	QP
4	0.44	26.79	0.14	26.93	47.16	-20.23	AVERAGE
5	0.63	26.72	0.16	26.88	46.00	-19.12	AVERAGE
6	0.63	38.05	0.16	38.21	56.00	-17.79	QP
7	0.82	38.17	0.17	38.34	56.00	-17.66	QP
8	0.82	28.92	0.17	29.09	46.00	-16.91	AVERAGE
9	4.74	33.56	0.32	33.88	56.00	-22.12	QP
10	4.74	27.03	0.32	27.35	46.00	-18.65	AVERAGE
11	23.13	37.41	0.62	38.03	60.00	-21.97	QP
12	23.13	32.68	0.62	33.31	50.00	-16.69	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 16	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

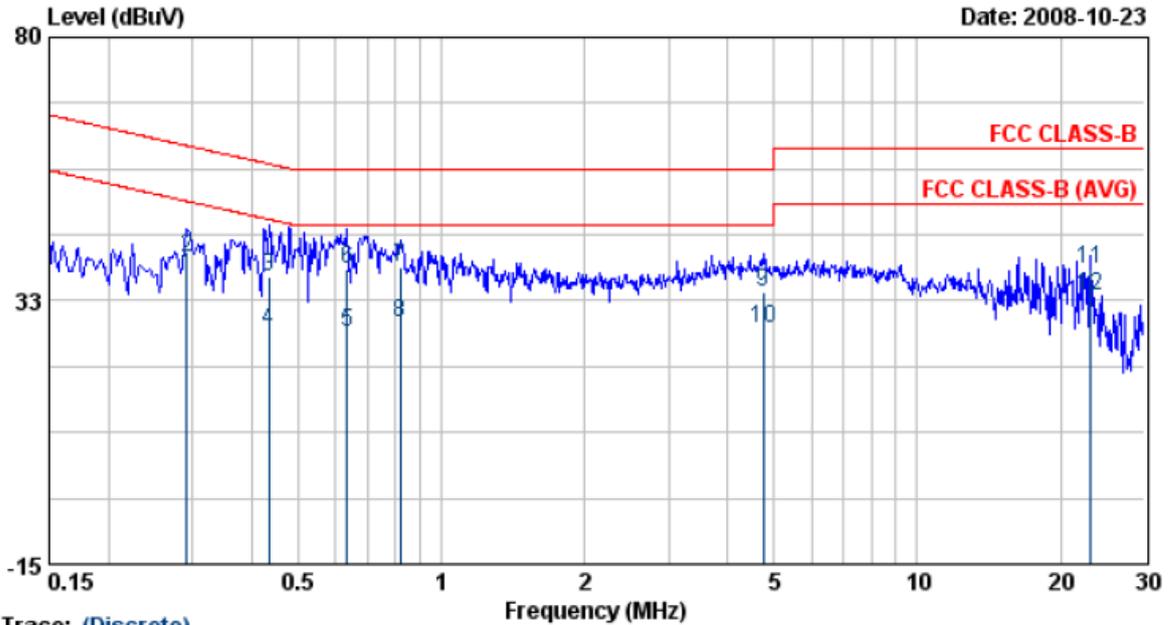
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	39.91	0.12	40.03	60.46	-20.43	QP
2	0.29	37.37	0.12	37.49	50.46	-12.97	AVERAGE
3	0.52	36.74	0.12	36.86	56.00	-19.14	QP
4	0.52	21.39	0.12	21.52	46.00	-24.48	AVERAGE
5	0.60	34.95	0.13	35.08	56.00	-20.92	QP
6	0.60	18.88	0.13	19.02	46.00	-26.99	AVERAGE
7	4.73	37.57	0.33	37.90	56.00	-18.10	QP
8	4.73	28.66	0.33	28.99	46.00	-17.01	AVERAGE
9	6.66	36.35	0.35	36.69	60.00	-23.31	QP
10	6.66	28.67	0.35	29.02	50.00	-20.98	AVERAGE
11	18.30	38.43	0.45	38.88	60.00	-21.12	QP
12	18.30	32.33	0.45	32.78	50.00	-17.22	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 16	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 5dBi	Humidity	: 52 %



Trace: (Discrete)

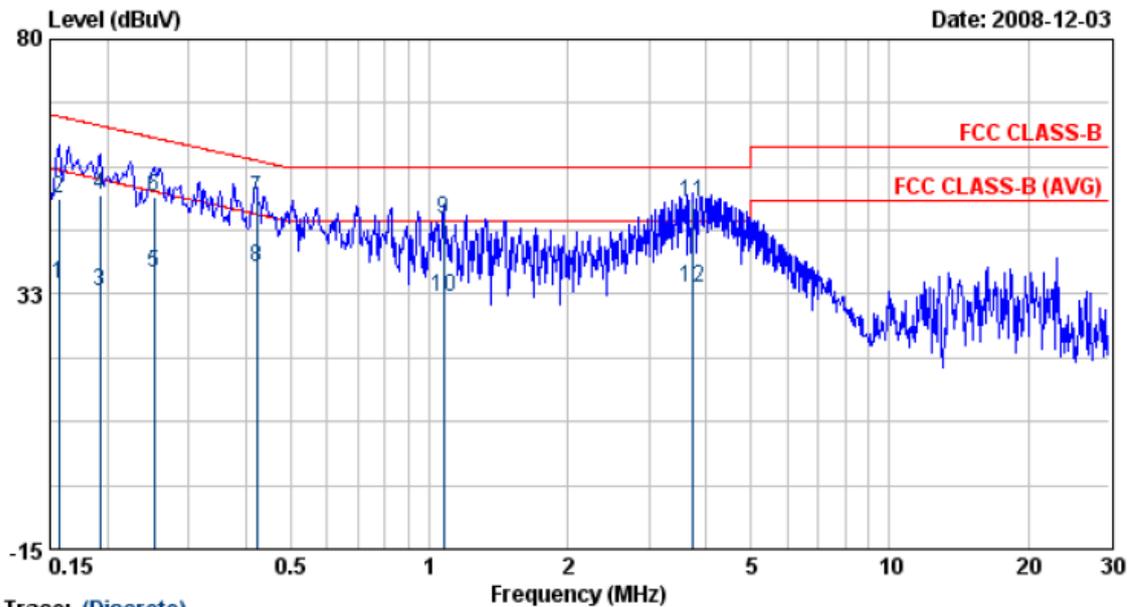
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.63	0.14	36.77	50.46	-13.69	AVERAGE
2	0.29	40.07	0.14	40.20	60.46	-20.25	QP
3	0.44	36.55	0.14	36.70	57.16	-20.46	QP
4	0.44	26.85	0.14	26.99	47.16	-20.16	AVERAGE
5	0.63	26.72	0.16	26.88	46.00	-19.12	AVERAGE
6	0.63	38.08	0.16	38.24	56.00	-17.76	QP
7	0.82	38.37	0.17	38.54	56.00	-17.46	QP
8	0.82	28.22	0.17	28.39	46.00	-17.61	AVERAGE
9	4.74	33.79	0.32	34.11	56.00	-21.89	QP
10	4.74	27.31	0.32	27.63	46.00	-18.37	AVERAGE
11	23.13	37.48	0.62	38.11	60.00	-21.89	QP
12	23.13	32.83	0.62	33.45	50.00	-16.55	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 18	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



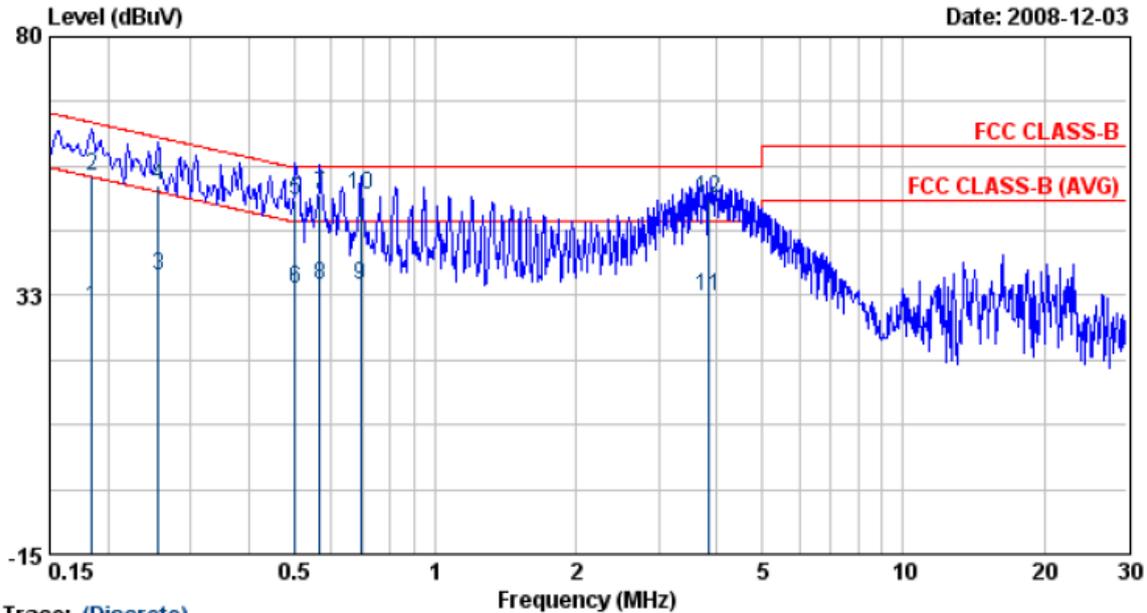
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	34.46	0.11	34.57	55.65	-21.08	AVERAGE
2	0.16	50.33	0.11	50.44	65.65	-15.21	QP
3	0.19	32.98	0.11	33.09	53.93	-20.84	AVERAGE
4	0.19	50.90	0.11	51.01	63.93	-12.92	QP
5	0.25	36.53	0.11	36.64	51.69	-15.05	AVERAGE
6	0.25	50.40	0.11	50.51	61.69	-11.18	QP
7	0.42	50.04	0.11	50.16	57.42	-7.26	QP
8	0.42	37.41	0.11	37.52	47.42	-9.89	AVERAGE
9	1.08	46.48	0.17	46.65	56.00	-9.35	QP
10	1.08	31.75	0.17	31.92	46.00	-14.08	AVERAGE
11	3.73	49.43	0.31	49.74	56.00	-6.26	QP
12	3.73	33.24	0.31	33.55	46.00	-12.45	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 18	: 802.11g CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



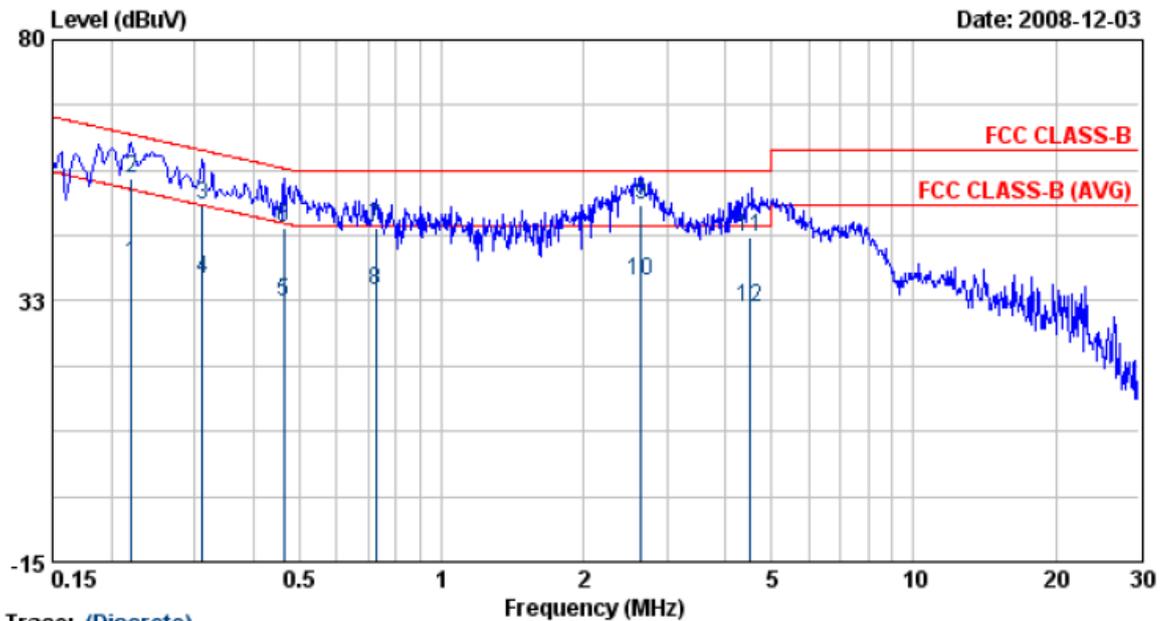
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.18	30.06	0.14	30.20	54.28	-24.09	AVERAGE
2	0.18	54.14	0.14	54.28	64.28	-10.00	QP
3	0.26	36.05	0.14	36.19	51.56	-15.37	AVERAGE
4	0.26	52.68	0.14	52.82	61.56	-8.73	QP
5	0.50	49.71	0.15	49.86	56.00	-6.14	QP
6	0.50	33.61	0.15	33.76	46.00	-12.24	AVERAGE
7	0.57	50.69	0.16	50.85	56.00	-5.15	QP
8	0.57	34.38	0.16	34.54	46.00	-11.46	AVERAGE
9	0.69	34.29	0.16	34.45	46.00	-11.55	AVERAGE
10	0.69	50.71	0.16	50.88	56.00	-5.12	QP
11	3.85	31.99	0.30	32.29	46.00	-13.71	AVERAGE
12	3.85	49.93	0.30	50.23	56.00	-5.77	QP

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 19	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

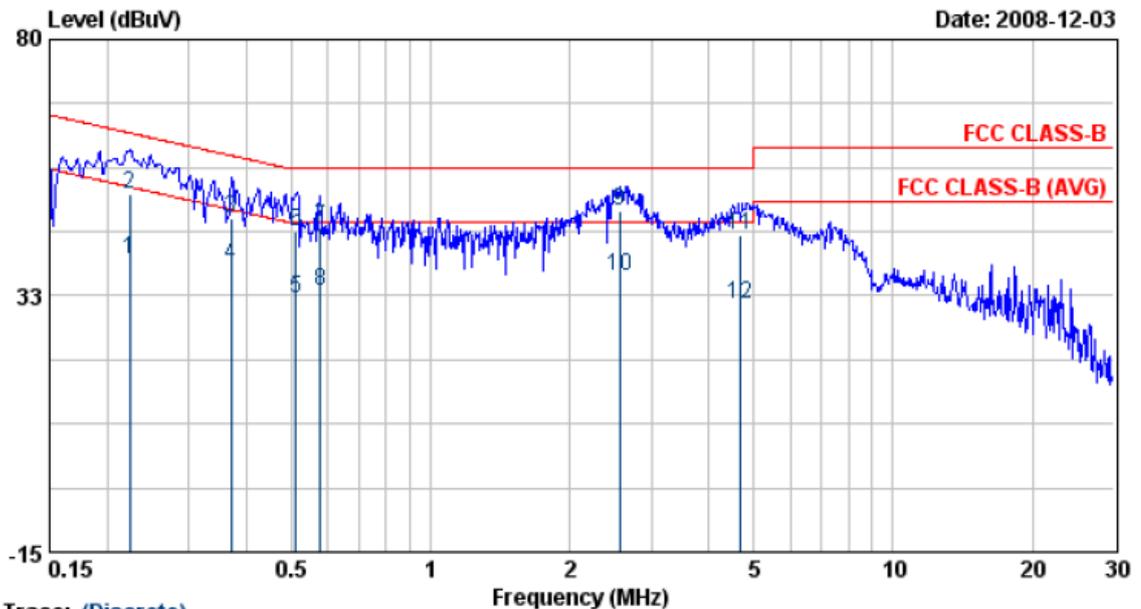
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	39.11	0.11	39.22	52.79	-13.57	AVERAGE
2	0.22	54.68	0.11	54.79	62.79	-8.00	QP
3	0.31	49.86	0.12	49.97	59.93	-9.95	QP
4	0.31	36.33	0.12	36.44	49.93	-13.48	AVERAGE
5	0.46	32.27	0.12	32.39	46.63	-14.23	AVERAGE
6	0.46	45.77	0.12	45.89	56.63	-10.74	QP
7	0.73	45.67	0.14	45.82	56.00	-10.18	QP
8	0.73	34.39	0.14	34.53	46.00	-11.47	AVERAGE
9	2.65	49.58	0.27	49.85	56.00	-6.15	QP
10	2.65	35.90	0.27	36.17	46.00	-9.83	AVERAGE
11	4.49	43.85	0.33	44.18	56.00	-11.82	QP
12	4.49	31.04	0.33	31.37	46.00	-14.63	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 19	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

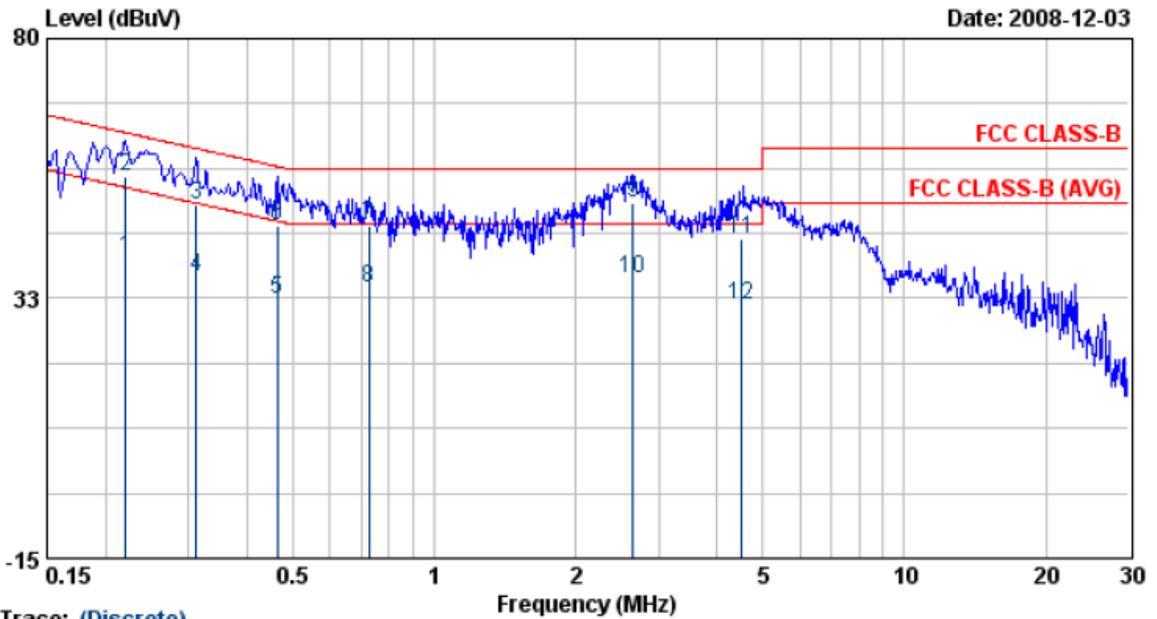
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	38.94	0.14	39.07	52.70	-13.63	AVERAGE
2	0.22	51.17	0.14	51.31	62.70	-11.39	QP
3	0.37	46.68	0.14	46.82	58.47	-11.66	QP
4	0.37	37.99	0.14	38.13	48.47	-10.35	AVERAGE
5	0.51	31.69	0.15	31.84	46.00	-14.16	AVERAGE
6	0.51	44.23	0.15	44.38	56.00	-11.62	QP
7	0.58	44.85	0.16	45.00	56.00	-11.00	QP
8	0.58	33.18	0.16	33.34	46.00	-12.66	AVERAGE
9	2.57	48.08	0.26	48.34	56.00	-7.66	QP
10	2.57	35.95	0.26	36.20	46.00	-9.80	AVERAGE
11	4.69	43.33	0.32	43.65	56.00	-12.35	QP
12	4.69	30.73	0.32	31.05	46.00	-14.95	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 20	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

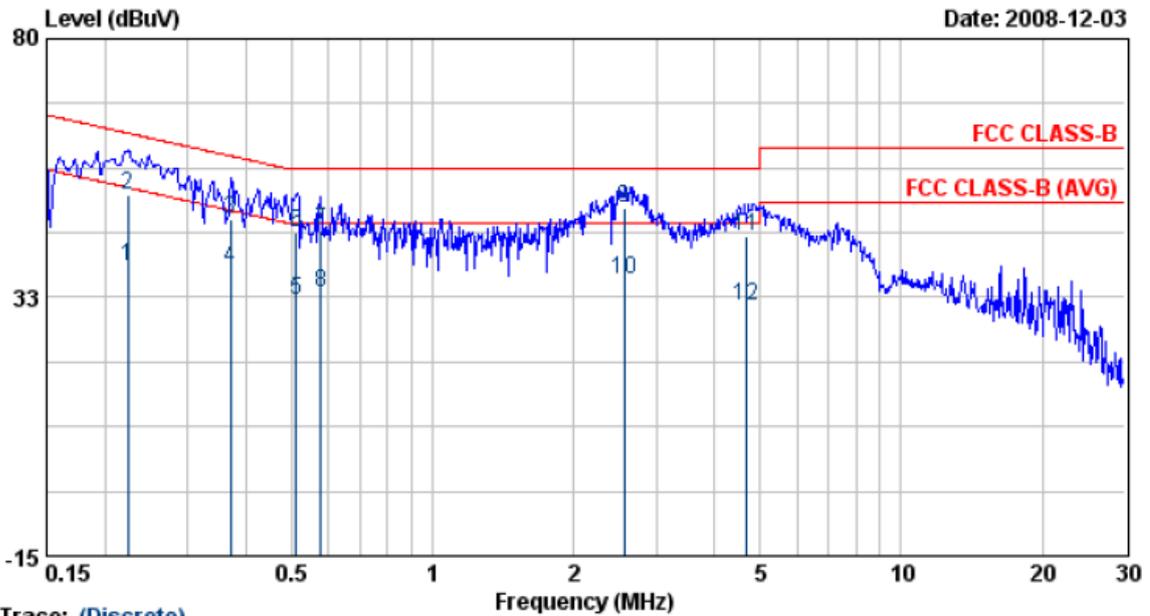
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	39.87	0.11	39.98	52.79	-12.81	AVERAGE
2	0.22	54.68	0.11	54.79	62.79	-8.00	QP
3	0.31	49.58	0.12	49.70	59.93	-10.23	QP
4	0.31	36.28	0.12	36.39	49.93	-13.53	AVERAGE
5	0.46	32.37	0.12	32.49	46.63	-14.14	AVERAGE
6	0.46	45.70	0.12	45.82	56.63	-10.81	QP
7	0.73	45.64	0.14	45.79	56.00	-10.21	QP
8	0.73	34.31	0.14	34.45	46.00	-11.55	AVERAGE
9	2.65	49.83	0.27	50.10	56.00	-5.90	QP
10	2.65	35.94	0.27	36.21	46.00	-9.79	AVERAGE
11	4.49	43.17	0.33	43.50	56.00	-12.50	QP
12	4.49	31.03	0.33	31.36	46.00	-14.64	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 20	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: Leader \ MT12-Y120100-A1, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

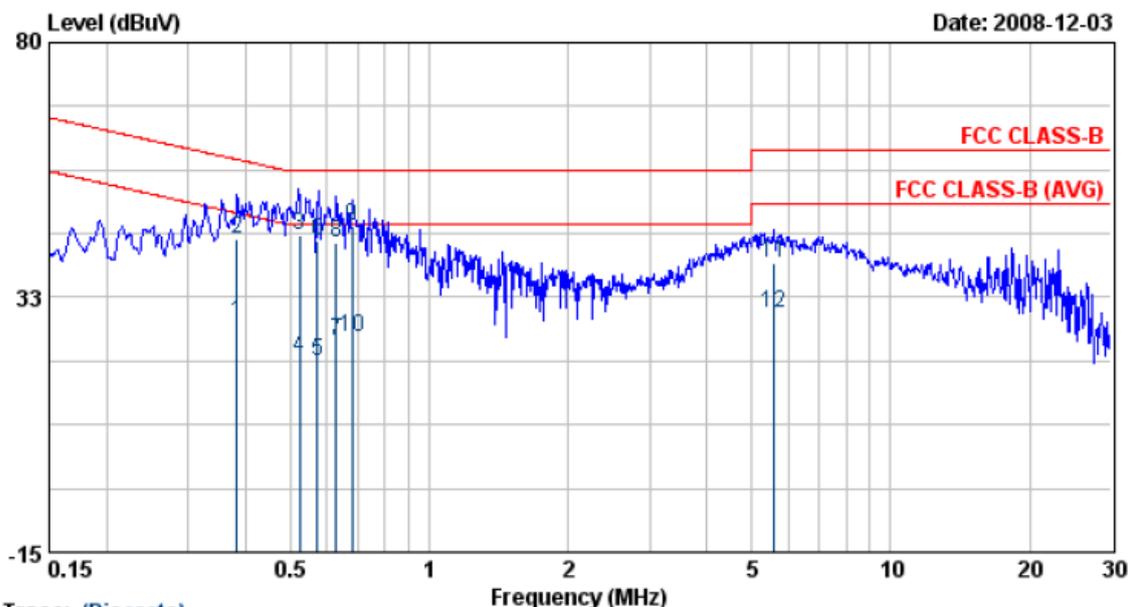
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.22	38.16	0.14	38.29	52.70	-14.41	AVERAGE
2	0.22	51.05	0.14	51.18	62.70	-11.52	QP
3	0.37	46.77	0.14	46.91	58.47	-11.57	QP
4	0.37	37.87	0.14	38.01	48.47	-10.46	AVERAGE
5	0.51	31.69	0.15	31.84	46.00	-14.16	AVERAGE
6	0.51	44.32	0.15	44.47	56.00	-11.53	QP
7	0.58	44.49	0.16	44.64	56.00	-11.36	QP
8	0.58	33.10	0.16	33.26	46.00	-12.74	AVERAGE
9	2.57	48.82	0.26	49.07	56.00	-6.93	QP
10	2.57	35.48	0.26	35.74	46.00	-10.26	AVERAGE
11	4.69	43.40	0.32	43.72	56.00	-12.28	QP
12	4.69	30.74	0.32	31.06	46.00	-14.94	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 22	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



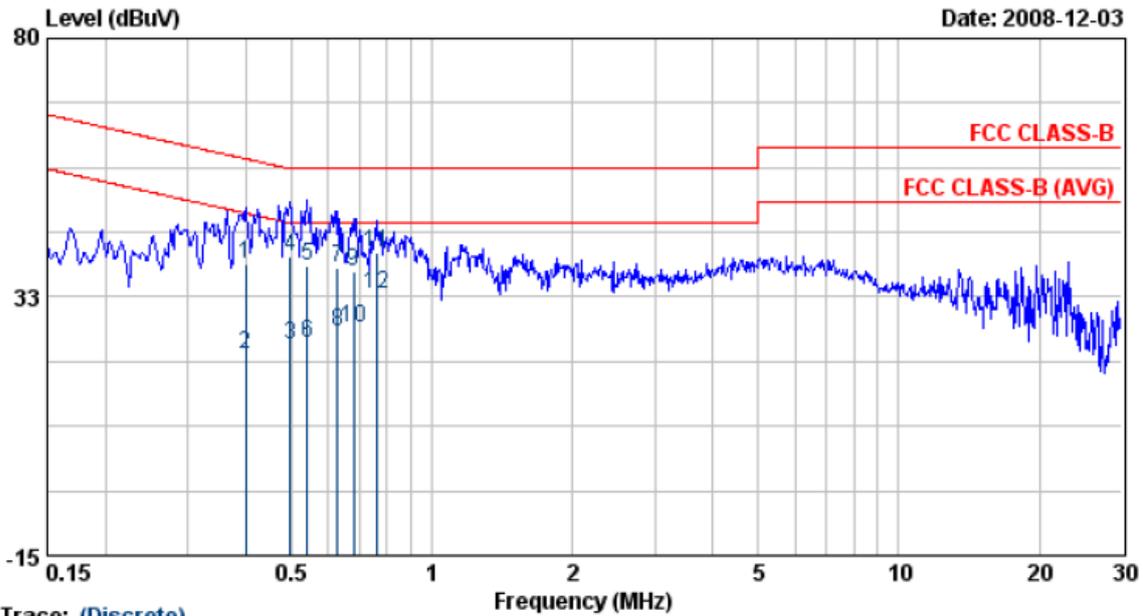
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.38	27.66	0.11	27.77	48.21	-20.44	AVERAGE
2	0.38	43.12	0.11	43.23	58.21	-14.98	QP
3	0.52	43.85	0.12	43.97	56.00	-12.03	QP
4	0.52	21.06	0.12	21.19	46.00	-24.81	AVERAGE
5	0.57	20.32	0.13	20.45	46.00	-25.55	AVERAGE
6	0.57	42.85	0.13	42.98	56.00	-13.02	QP
7	0.63	24.22	0.13	24.35	46.00	-21.65	AVERAGE
8	0.63	42.40	0.13	42.53	56.00	-13.47	QP
9	0.68	45.72	0.14	45.86	56.00	-10.14	QP
10	0.68	25.00	0.14	25.14	46.00	-20.86	AVERAGE
11	5.56	38.54	0.34	38.88	60.00	-21.12	QP
12	5.56	29.25	0.34	29.59	50.00	-20.41	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 22	: 802.11g CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



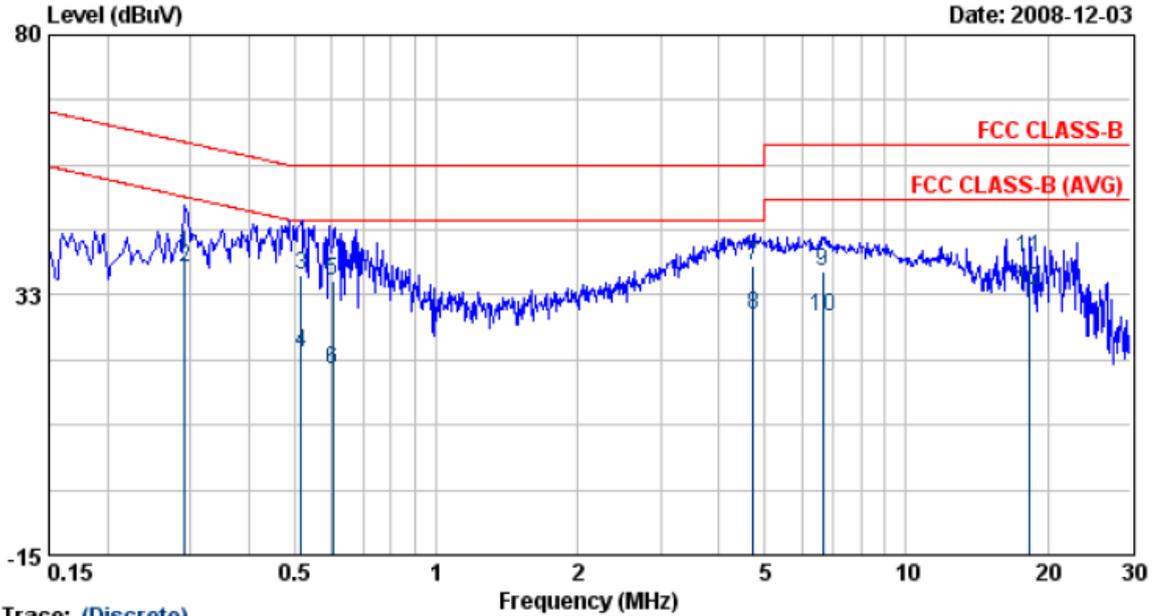
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.40	38.35	0.14	38.49	57.86	-19.37	QP
2	0.40	21.96	0.14	22.10	47.86	-25.76	AVERAGE
3	0.50	23.68	0.15	23.83	46.05	-22.22	AVERAGE
4	0.50	39.88	0.15	40.03	56.05	-16.03	QP
5	0.54	38.00	0.15	38.15	56.00	-17.85	QP
6	0.54	23.98	0.15	24.13	46.00	-21.87	AVERAGE
7	0.63	37.78	0.16	37.94	56.00	-18.06	QP
8	0.63	26.07	0.16	26.23	46.00	-19.77	AVERAGE
9	0.68	36.99	0.16	37.16	56.00	-18.84	QP
10	0.68	26.65	0.16	26.82	46.00	-19.18	AVERAGE
11	0.76	40.53	0.17	40.69	56.00	-15.31	QP
12	0.76	32.88	0.17	33.05	46.00	-12.95	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 23	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

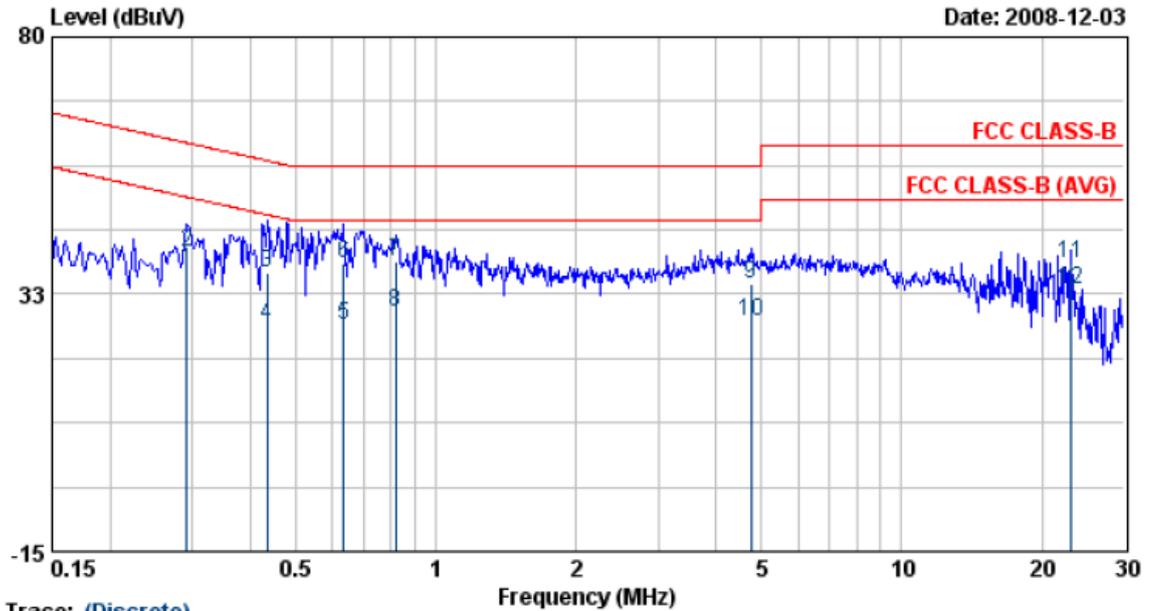
Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.29	39.96	0.12	40.08	60.46	-20.38	QP
2	0.29	37.37	0.12	37.49	50.46	-12.97	AVERAGE
3	0.52	36.16	0.12	36.28	56.00	-19.72	QP
4	0.52	21.69	0.12	21.82	46.00	-24.18	AVERAGE
5	0.60	35.00	0.13	35.13	56.00	-20.87	QP
6	0.60	18.88	0.13	19.02	46.00	-26.99	AVERAGE
7	4.73	37.66	0.33	37.99	56.00	-18.01	QP
8	4.73	28.66	0.33	28.99	46.00	-17.01	AVERAGE
9	6.66	36.43	0.35	36.78	60.00	-23.22	QP
10	6.66	28.07	0.35	28.42	50.00	-21.58	AVERAGE
11	18.30	38.64	0.45	39.09	60.00	-20.91	QP
12	18.30	32.93	0.45	33.38	50.00	-16.62	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 23	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

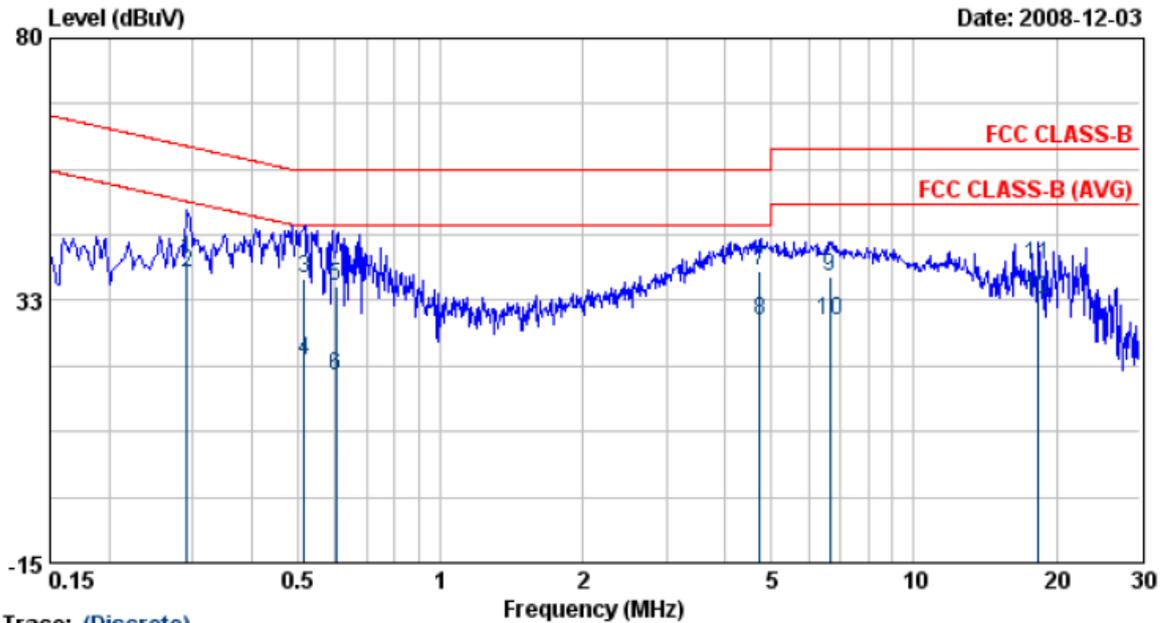
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.52	0.14	36.66	50.46	-13.80	AVERAGE
2	0.29	40.07	0.14	40.20	60.46	-20.25	QP
3	0.44	36.42	0.14	36.56	57.16	-20.59	QP
4	0.44	26.79	0.14	26.93	47.16	-20.23	AVERAGE
5	0.63	26.71	0.16	26.87	46.00	-19.13	AVERAGE
6	0.63	38.05	0.16	38.21	56.00	-17.79	QP
7	0.82	38.32	0.17	38.49	56.00	-17.51	QP
8	0.82	28.92	0.17	29.09	46.00	-16.91	AVERAGE
9	4.74	33.96	0.32	34.28	56.00	-21.72	QP
10	4.74	27.03	0.32	27.35	46.00	-18.65	AVERAGE
11	23.13	37.41	0.62	38.03	60.00	-21.97	QP
12	23.13	32.83	0.62	33.45	50.00	-16.55	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 24	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

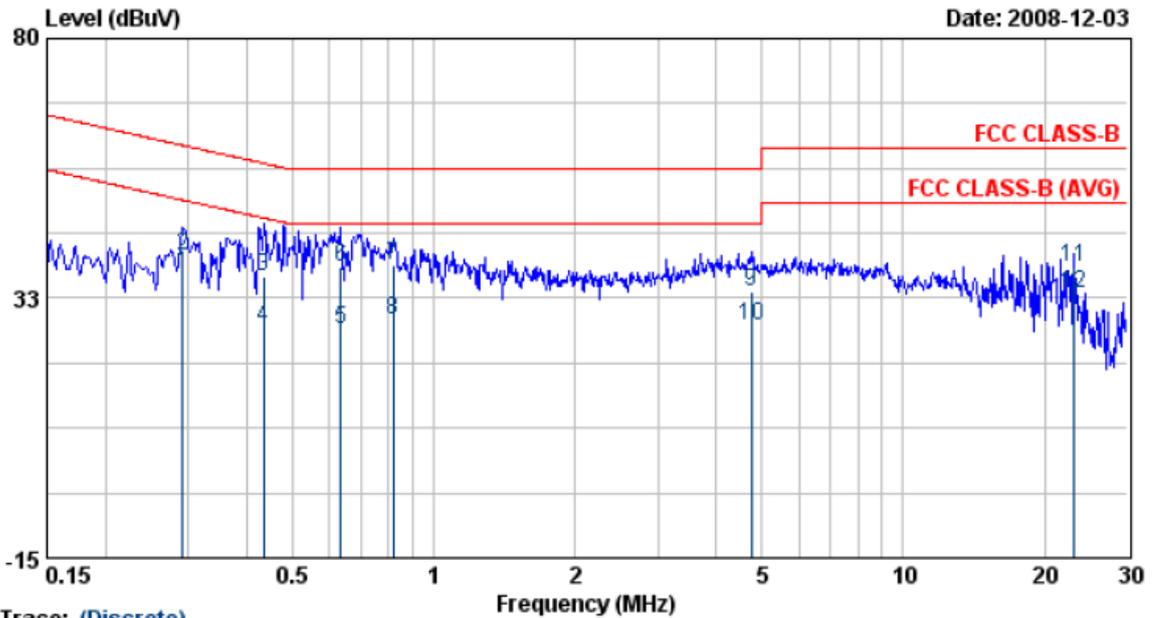
Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.29	39.91	0.12	40.03	60.46	-20.43	QP
2	0.29	37.37	0.12	37.48	50.46	-12.97	AVERAGE
3	0.52	36.52	0.12	36.64	56.00	-19.36	QP
4	0.52	21.39	0.12	21.52	46.00	-24.48	AVERAGE
5	0.60	34.91	0.13	35.04	56.00	-20.96	QP
6	0.60	18.88	0.13	19.02	46.00	-26.99	AVERAGE
7	4.73	37.36	0.33	37.69	56.00	-18.31	QP
8	4.73	28.66	0.33	28.99	46.00	-17.01	AVERAGE
9	6.66	36.43	0.35	36.78	60.00	-23.22	QP
10	6.66	28.67	0.35	29.02	50.00	-20.98	AVERAGE
11	18.30	38.44	0.45	38.89	60.00	-21.11	QP
12	18.30	32.30	0.45	32.75	50.00	-17.25	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 24	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	: DVE \ DSA-12G-12 AUS, Antenna 1.8dBi (Internal)	Humidity	: 52 %



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.29	36.66	0.14	36.80	50.46	-13.66	AVERAGE
2	0.29	40.09	0.14	40.22	60.46	-20.23	QP
3	0.44	36.41	0.14	36.56	57.16	-20.60	QP
4	0.44	26.85	0.14	26.99	47.16	-20.16	AVERAGE
5	0.63	26.77	0.16	26.93	46.00	-19.07	AVERAGE
6	0.63	38.08	0.16	38.24	56.00	-17.76	QP
7	0.82	38.32	0.17	38.49	56.00	-17.51	QP
8	0.82	28.22	0.17	28.39	46.00	-17.61	AVERAGE
9	4.74	33.56	0.32	33.88	56.00	-22.12	QP
10	4.74	27.31	0.32	27.63	46.00	-18.37	AVERAGE
11	23.13	37.48	0.62	38.11	60.00	-21.89	QP
12	23.13	32.86	0.62	33.49	50.00	-16.51	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Test engineer: Ben