



FCC TEST REPORT

according to

FCC Rules and Regulations Part 15 Subpart C

Applicant	: GIGA-BYTE TECHNOLOGY CO., LTD.
Address	: No.6, Bao Chiang Road, Hsin-Tien, Taipei 231, Taiwan
Equipment	: Slate PC
Model No.	: S1081XX,R2005XX(X=0~9,A~Z,a~z or Blank)
FCC ID	: JCK-S2005-
Trade Name	: GIGABYTE

- 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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Appendix A. Photographs of EUT A1 ~ A10



History of this test report

ORIGINAL.

Additional attachment as following record:

Attachment No.	Issue Date	Description
TEFB1109218	Feb. 23, 2012	Original.



CERTIFICATE OF COMPLIANCE

according to

FCC Rules and Regulations Part 15 Subpart C

Applicant : GIGA-BYTE TECHNOLOGY CO., LTD.
Address : No.6, Bao Chiang Road, Hsin-Tien,
: Taipei 231, Taiwan
Equipment : Slate PC
Model No. : S1081XX,R2005XX(X=0~9,A~Z,a~z or Blank)
FCC ID : JCK-S2005-

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 (2010)**.

The test was carried out on Feb. 16, 2012 at **CerpPASS Technology Corp.**

Signature

Hill Chen
EMC/RF B.U. Assistant 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	. Radiated Emission	Pass
15.247(a)(1)	. Channel Carrier Frequencies Separation	Pass
15.247(a)(1)	. 20dB Bandwidth Measurement	Pass
15.247(a)(1)	. Dwell Time	Pass
15.247(b)	. Number of Hopping Channels	Pass
15.247(b)	. Peak Output Power Measurement Data	Pass
15.247(d)	. Band Edges Measurement Data	Pass



2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

CPU	Intel® Atom™ Processor
OS	Genuine Windows® 7 Compliant
Display	10.1" 1024x600 LED backlight
System Memory	DDRIII SO-DIMM*1 (Max 4GB)
Chipset	Mobile Intel® NM10 Express Chipsets
Storage Device	<ul style="list-style-type: none">• 2.5" 7mm SATA HDD 5400rpm• Solid State Drive(SSD)
Audio	1.5 Watt Speakers*2, Internal Mic-in
I/O Port	USB 3.0*1, USB 2.0*1, D-Sub, HDMI, RJ45, Mic-in, Earphone-out, SD card reader, DC-in Jack, Docking Station / Extended Battery Port and SIM card slot *
Communications	10/100/1000 Mbps Ethernet Base-T
	802.11b/g/n Wireless
	Bluetooth V4.0
Webcam	1.3 Mega Pixel
Battery	Li-polymer, 4000mAh, 29.6Wh(Main)
	Li-ion, 2700mAh, 20.25Wh (Extended Optional)



2.2 RF Specifications

Product Description	IEEE 802.11 b/g/n Wi-Fi with Bluetooth V4.0/3.0HS Combo half size mini card
Bluetooth Standard	IEEE 802.11b/g/n, Wi-Fi compliant / Bluetooth v4.0/3.0+HS Standard
Host Interface	WiFi: PCIE Bluetooth: USB
Major Chipset	Realtek 8188CE-VL + CSR BC8510-A06
Dimension	26.65x29.85x3.95 mm
Weight	TBC
Antenna	Hirose* U.FL-R-SMT 1 (Main) : WiFi TX/RX , BT TX/RX 2 (Aux) : WiFi TX/RX , BT TX/RX
Operating Conditions	
Voltage	3.0V~3.6V
Temperature	0-70 oC
Electrical Specifications	
Frequency Range	Wi-Fi: 2.4 GHz ISM Bands 2412MHz-2462MHz BT: 2402MHz-2480MHz
Modulation	Wi-Fi: 802.11 g/n: OFDM 802.11b: CCK(11, 5.5Mbps), QPSK(2Mbps), BPSK(1Mbps) BT: Header GFSK Payload 2M: 4-DQPSK Payload 3M: 8DPSK
Output Power	Wi-Fi: 802.11b: 16 dBm +/-2dBm 802.11g: 14 dBm +/-2dBm 802.11n(HT20): 13 dBm +/-2dBm 802.11n(HT40): 13 dBm +/-2dBm BT: -6 ≤ Output Power ≤ +4 dBm (Conductive)
Receive Sensitivity	Wi-Fi: 802.11b: less than -80 dBm (11Mbps) 802.11g: less than -70 dBm (54Mbps) 802.11n: less than -61 dBm at HT40 MCS7 less than -64 dBm at HT20 MCS7 BT: BER < 0.1% (Anritsu 8852B Tx -70Bm)
Operating Range	Wi-Fi: Open Space: TBD Indoor: TBD (The transmission speed may vary according to the environment) BT: TBD (depending on environment and NB model)
Regulatory	TBC



2.3 Carrier Frequency of Channels

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2422	40	2442	60	2462
01	2403	21	2423	41	2443	61	2463
02	2404	22	2424	42	2444	62	2464
03	2405	23	2425	43	2445	63	2465
04	2406	24	2426	44	2446	64	2466
05	2407	25	2427	45	2447	65	2467
06	2408	26	2428	46	2448	66	2468
07	2409	27	2429	47	2449	67	2469
08	2410	28	2430	48	2450	68	2470
09	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	---	---



2.4 Test Mode & Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4
- b. The complete test system included Mouse and EUT for EMC test.
- c. An executive program, "MPTOOL. BTTEST" under WIN 7 was executed to transmit and receive data to the remote workstation through Bluetooth.
- d. The following test mode was performed for conduction and radiation test:

Test Mode 1: Adapter, Delta / ADP-40PH BB

- GFSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.
- $\pi/4$ -DQPSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.
- 8DPSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.

Test Mode 2: Adapter, ADP-18TB A

- GFSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.
- $\pi/4$ -DQPSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.
- 8DPSK: CH 00: 2402MHz, CH 39: 2441MHz, CH 78: 2480MHz.

2.5 Description of Test System

Device	Manufacturer	Model No.	Description
Mouse	Logitech	OF-2854	Data Cable, USB Shielding 1.85 m



2.6 General Information of Test

Test Site :	CerpPASS Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS2-SD) :	No.68-1, Shihbachongsi, Shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	TW1049, TW1061, 390316, 488071
IC Registration Number :	4934B-1, 4934D-1
VCCI Registration Number :	T-1173 for Telecommunication Test C-4139 for Conducted emission test R-3428 for Radiated emission test G-97 for Radiated emission test above 1GHz
Test in Compliance with:	ANSI C63.4-2009 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 24800 MHz
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	3.25 dB
Radiated Emission	30 MHz ~ 1GHz	Vertical	3.93 dB
		Horizontal	3.93 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: PCB 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 C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 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

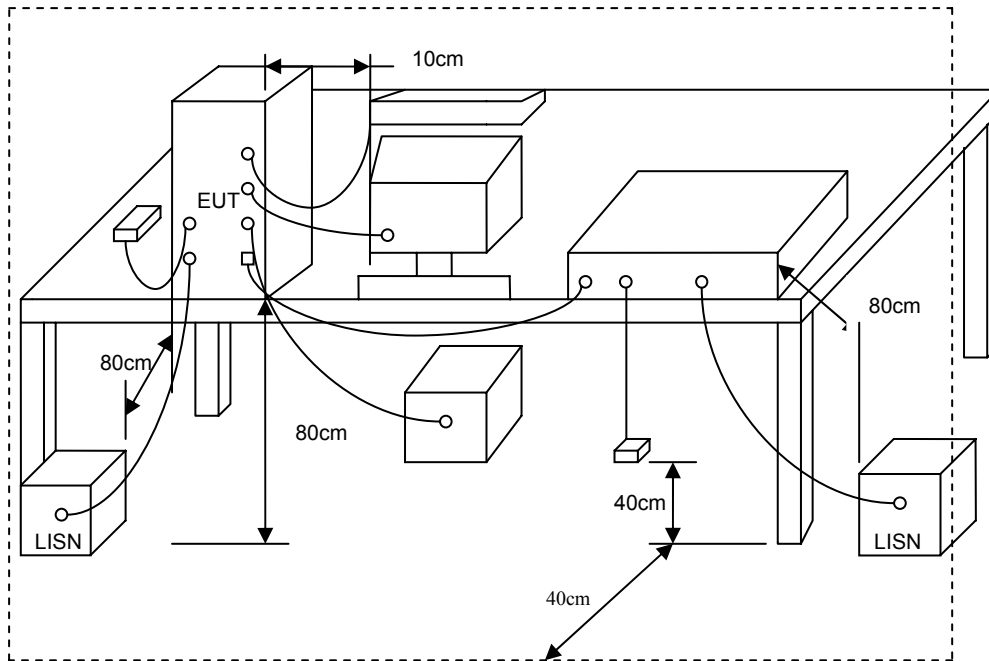
*Decreases with the logarithm of the frequency.

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



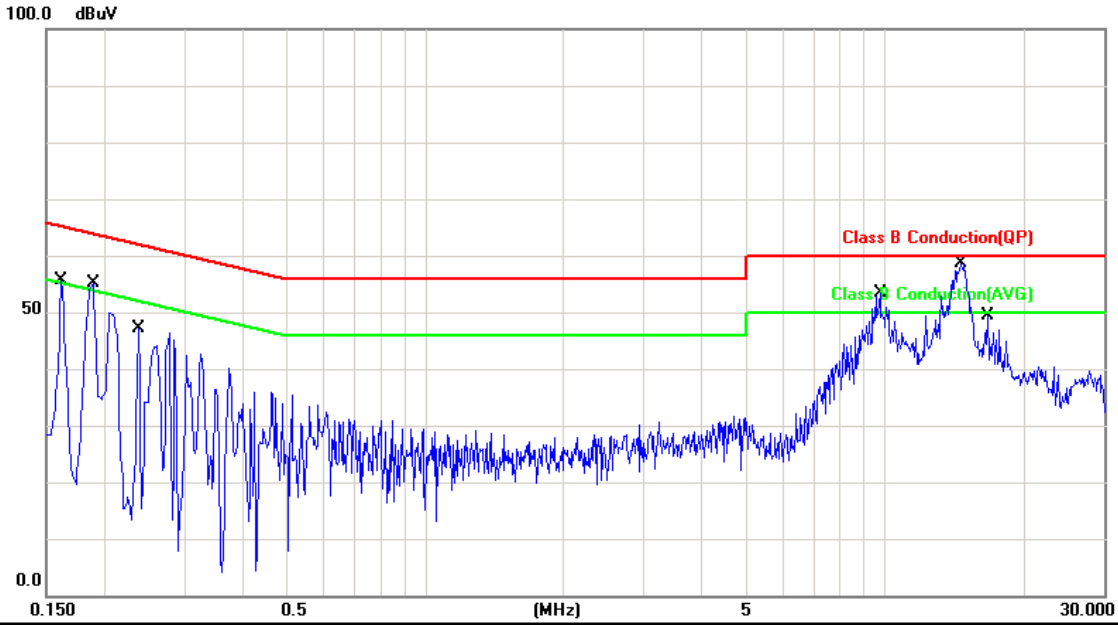
4.4 Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
EMI Receiver	R&S	ESCI	100443	2012/01/12	2013/01/11
LISN	Schwarzbeck	NSLK 8127	8127-516	2011/05/05	2012/05/04
LISN	Schwarzbeck	NSLK 8127	8127-568	2011/08/24	2012/08/23



4.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: GFSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

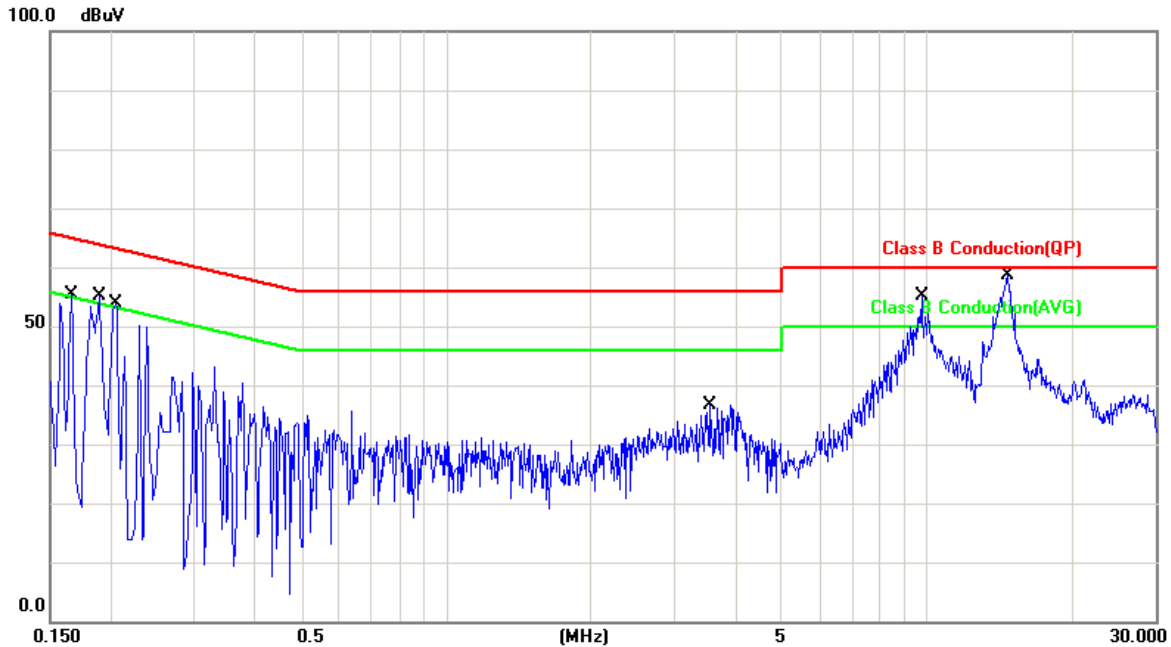


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1620	0.09	49.42	49.51	65.36	-15.85	QP	P
2	0.1620	0.09	23.06	23.15	55.36	-32.21	AVG	P
3	0.1900	0.09	49.71	49.80	64.03	-14.23	QP	P
4	0.1900	0.09	34.13	34.22	54.03	-19.81	AVG	P
5	0.2380	0.09	40.90	40.99	62.16	-21.17	QP	P
6	0.2380	0.09	14.11	14.20	52.16	-37.96	AVG	P
7	9.7580	0.43	47.28	47.71	60.00	-12.29	QP	P
8	9.7580	0.43	40.09	40.52	50.00	-9.48	AVG	P
9	14.7380	0.52	54.93	55.45	60.00	-4.55	QP	P
10	14.7380	0.52	46.36	46.88	50.00	-3.12	AVG	P
11	16.7979	0.56	37.13	37.69	60.00	-22.31	QP	P
12	16.7979	0.56	30.45	31.01	50.00	-18.99	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: GFSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

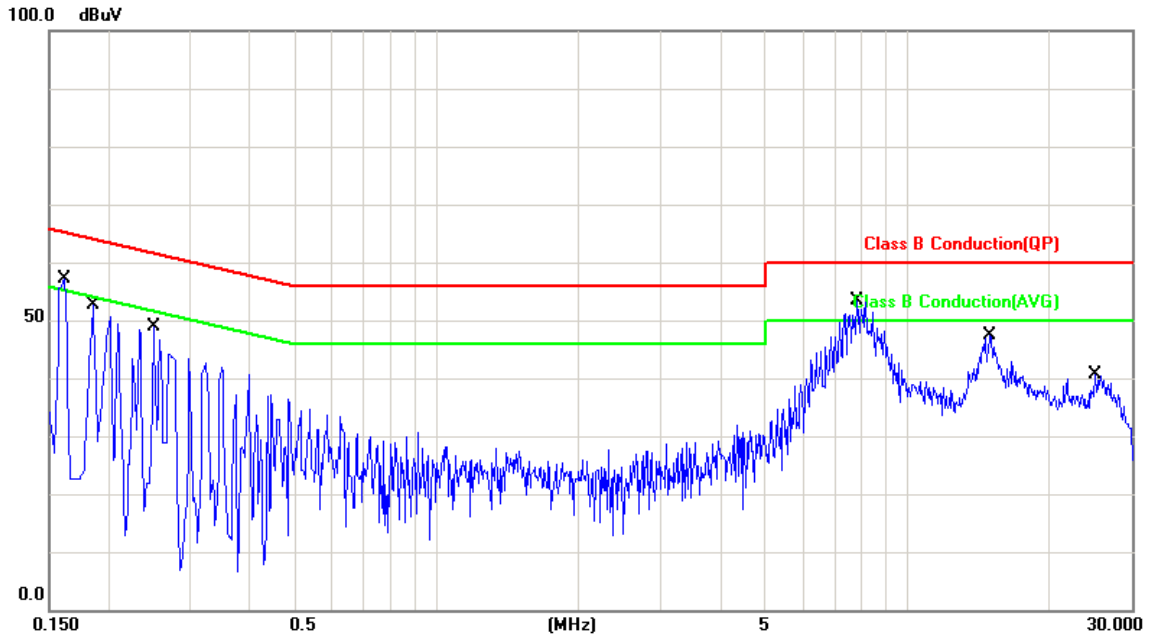


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1660	0.11	48.78	48.89	65.15	-16.26	QP	P
2	0.1660	0.11	24.86	24.97	55.15	-30.18	AVG	P
3	0.1900	0.11	50.54	50.65	64.03	-13.38	QP	P
4	0.1900	0.11	34.48	34.59	54.03	-19.44	AVG	P
5	0.2060	0.11	48.15	48.26	63.36	-15.10	QP	P
6	0.2060	0.11	31.76	31.87	53.36	-21.49	AVG	P
7	3.5300	0.27	29.32	29.59	56.00	-26.41	QP	P
8	3.5300	0.27	15.89	16.16	46.00	-29.84	AVG	P
9	9.7700	0.43	45.19	45.62	60.00	-14.38	QP	P
10	9.7700	0.43	37.85	38.28	50.00	-11.72	AVG	P
11	14.7500	0.53	53.62	54.15	60.00	-5.85	QP	P
12	14.7500	0.53	46.04	46.57	50.00	-3.43	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: $\pi/4$ -DQPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

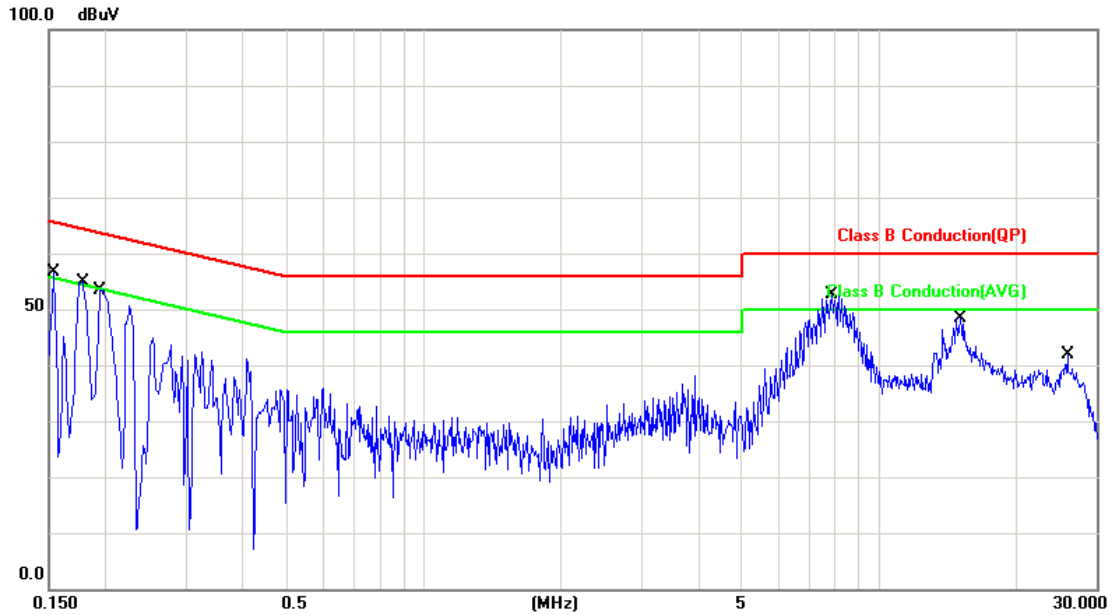


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1620	0.09	49.08	49.17	65.36	-16.19	QP	P
2	0.1620	0.09	22.95	23.04	55.36	-32.32	AVG	P
3	0.1860	0.09	50.85	50.94	64.21	-13.27	QP	P
4	0.1860	0.09	30.66	30.75	54.21	-23.46	AVG	P
5	0.2500	0.09	42.41	42.50	61.75	-19.25	QP	P
6	0.2500	0.09	24.00	24.09	51.75	-27.66	AVG	P
7	7.8380	0.38	50.63	51.01	60.00	-8.99	QP	P
8	7.8380	0.38	44.44	44.82	50.00	-5.18	AVG	P
9	15.0140	0.53	42.32	42.85	60.00	-17.15	QP	P
10	15.0140	0.53	36.30	36.83	50.00	-13.17	AVG	P
11	25.1220	0.68	34.55	35.23	60.00	-24.77	QP	P
12	25.1220	0.68	29.53	30.21	50.00	-19.79	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: $\pi/4$ -DQPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

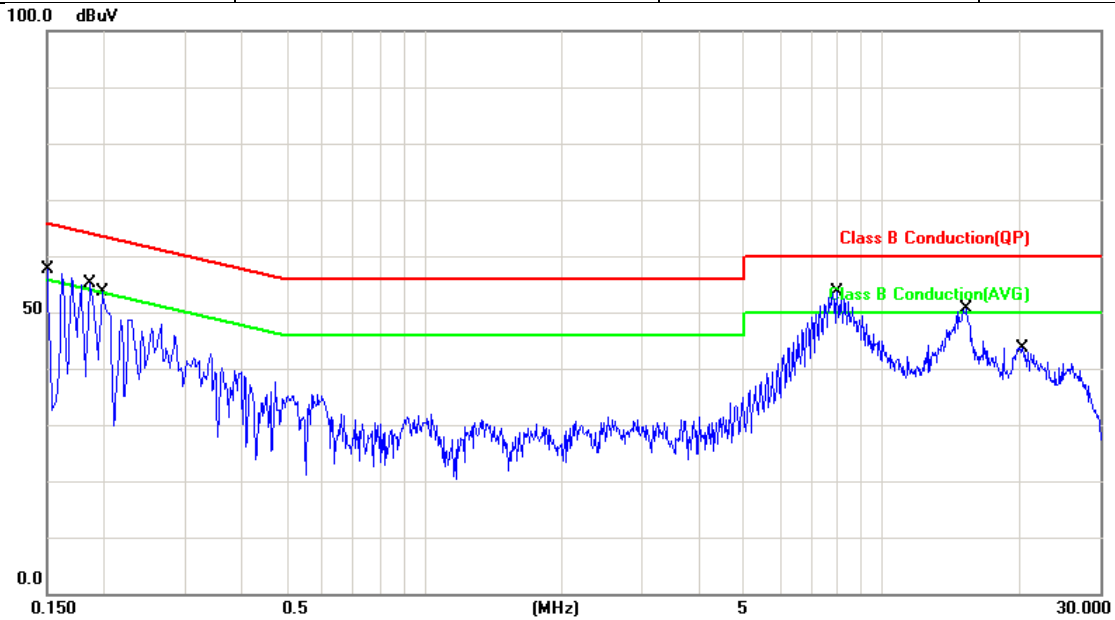


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1539	0.11	50.57	50.68	65.78	-15.10	QP	P
2	0.1539	0.11	26.09	26.20	55.78	-29.58	AVG	P
3	0.1780	0.11	46.76	46.87	64.57	-17.70	QP	P
4	0.1780	0.11	24.48	24.59	54.57	-29.98	AVG	P
5	0.1940	0.11	50.84	50.95	63.86	-12.91	QP	P
6	0.1940	0.11	35.30	35.41	53.86	-18.45	AVG	P
7	7.8540	0.38	45.94	46.32	60.00	-13.68	QP	P
8	7.8540	0.38	38.92	39.30	50.00	-10.70	AVG	P
9	15.1180	0.54	42.96	43.50	60.00	-16.50	QP	P
10	15.1180	0.54	36.78	37.32	50.00	-12.68	AVG	P
11	25.9500	0.73	36.70	37.43	60.00	-22.57	QP	P
12	25.9500	0.73	31.59	32.32	50.00	-17.68	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: 8DPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

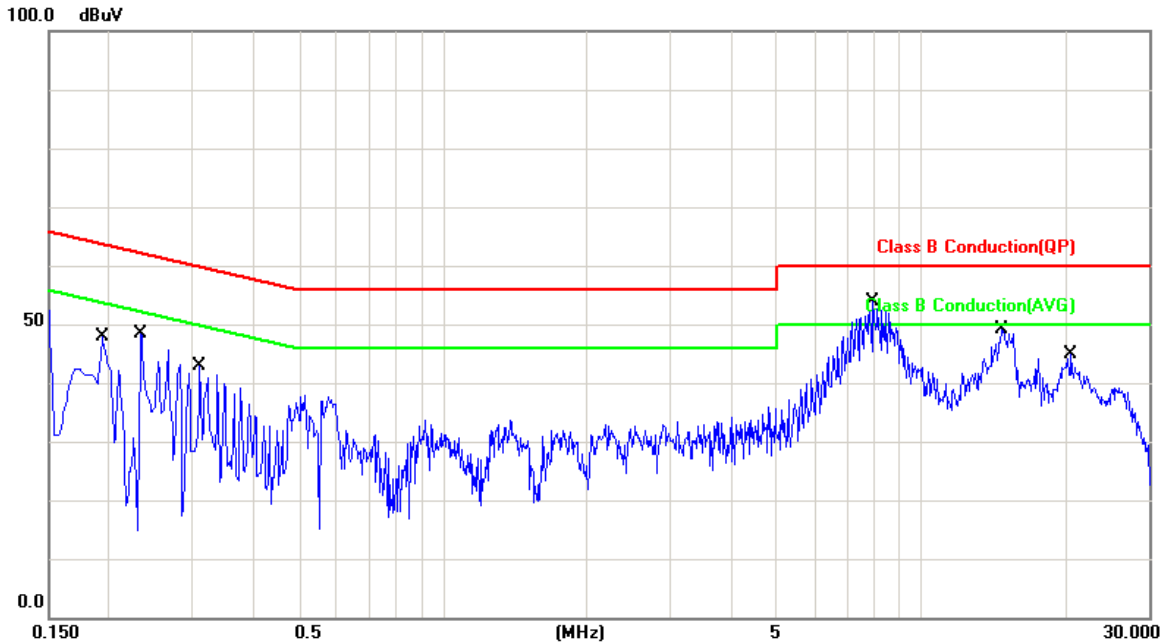


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1501	0.08	49.94	50.02	65.99	-15.97	QP	P
2	0.1501	0.08	26.32	26.40	55.99	-29.59	AVG	P
3	0.1860	0.09	51.47	51.56	64.21	-12.65	QP	P
4	0.1860	0.09	34.91	35.00	54.21	-19.21	AVG	P
5	0.1980	0.09	50.61	50.70	63.69	-12.99	QP	P
6	0.1980	0.09	35.39	35.48	53.69	-18.21	AVG	P
7	7.9900	0.38	50.56	50.94	60.00	-9.06	QP	P
8	7.9900	0.38	44.79	45.17	50.00	-4.83	AVG	P
9	15.3620	0.53	43.79	44.32	60.00	-15.68	QP	P
10	15.3620	0.53	37.31	37.84	50.00	-12.16	AVG	P
11	20.3300	0.62	35.42	36.04	60.00	-23.96	QP	P
12	20.3300	0.62	28.30	28.92	50.00	-21.08	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: 8DPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

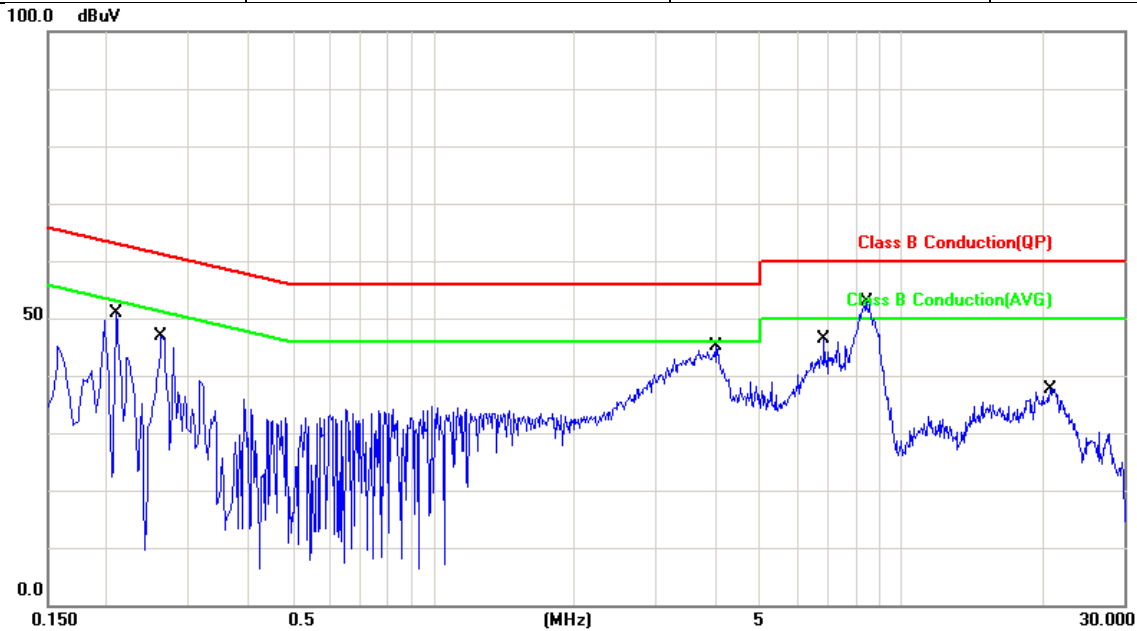


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.11	52.53	52.64	63.86	-11.22	QP	P
2	0.1940	0.11	38.01	38.12	53.86	-15.74	AVG	P
3	0.2340	0.11	44.73	44.84	62.30	-17.46	QP	P
4	0.2340	0.11	29.70	29.81	52.30	-22.49	AVG	P
5	0.3100	0.10	37.58	37.68	59.97	-22.29	QP	P
6	0.3100	0.10	22.16	22.26	49.97	-27.71	AVG	P
7	7.9660	0.38	47.83	48.21	60.00	-11.79	QP	P
8	7.9660	0.38	39.31	39.69	50.00	-10.31	AVG	P
9	14.8260	0.53	43.65	44.18	60.00	-15.82	QP	P
10	14.8260	0.53	36.32	36.85	50.00	-13.15	AVG	P
11	20.6020	0.65	36.86	37.51	60.00	-22.49	QP	P
12	20.6020	0.65	30.18	30.83	50.00	-19.17	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: GFSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

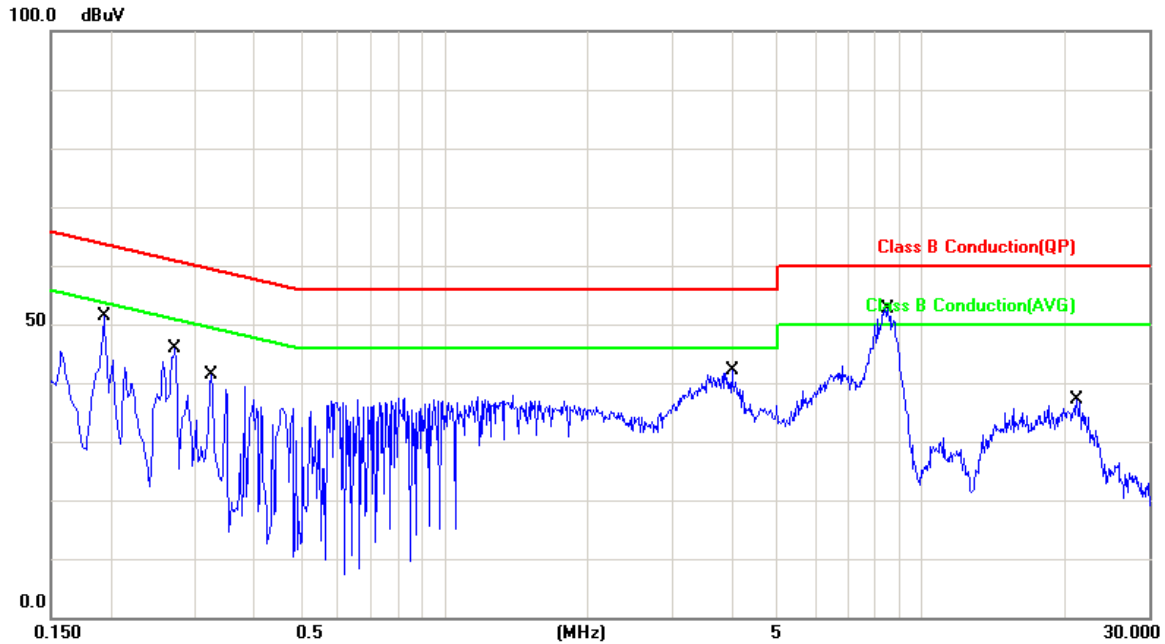


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2100	0.05	47.60	47.65	63.20	-15.55	QP	P
2	0.2100	0.05	29.92	29.97	53.20	-23.23	AVG	P
3	0.2620	0.05	44.72	44.77	61.36	-16.59	QP	P
4	0.2620	0.05	32.13	32.18	51.36	-19.18	AVG	P
5	4.0260	0.09	37.17	37.26	56.00	-18.74	QP	P
6	4.0260	0.09	26.65	26.74	46.00	-19.26	AVG	P
7	6.8660	0.13	38.23	38.36	60.00	-21.64	QP	P
8	6.8660	0.13	30.75	30.88	50.00	-19.12	AVG	P
9	8.4300	0.16	48.02	48.18	60.00	-11.82	QP	P
10	8.4300	0.16	38.44	38.60	50.00	-11.40	AVG	P
11	20.8460	0.28	30.27	30.55	60.00	-29.45	QP	P
12	20.8460	0.28	24.65	24.93	50.00	-25.07	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: GFSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

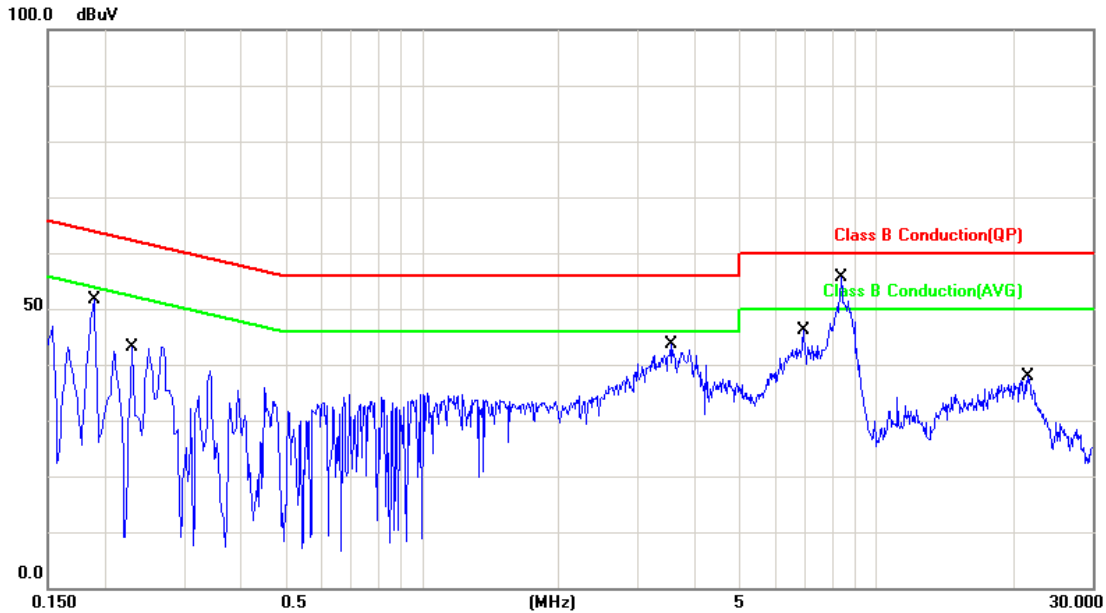


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.07	50.49	50.56	63.86	-13.30	QP	P
2	0.1940	0.07	36.57	36.64	53.86	-17.22	AVG	P
3	0.2740	0.07	42.72	42.79	60.99	-18.20	QP	P
4	0.2740	0.07	30.49	30.56	50.99	-20.43	AVG	P
5	0.3260	0.06	37.60	37.66	59.55	-21.89	QP	P
6	0.3260	0.06	21.91	21.97	49.55	-27.58	AVG	P
7	4.0140	0.10	35.46	35.56	56.00	-20.44	QP	P
8	4.0140	0.10	26.39	26.49	46.00	-19.51	AVG	P
9	8.5460	0.16	48.49	48.65	60.00	-11.35	QP	P
10	8.5460	0.16	40.32	40.48	50.00	-9.52	AVG	P
11	21.1780	0.30	31.47	31.77	60.00	-28.23	QP	P
12	21.1780	0.30	22.36	22.66	50.00	-27.34	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: $\pi/4$ -DQPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

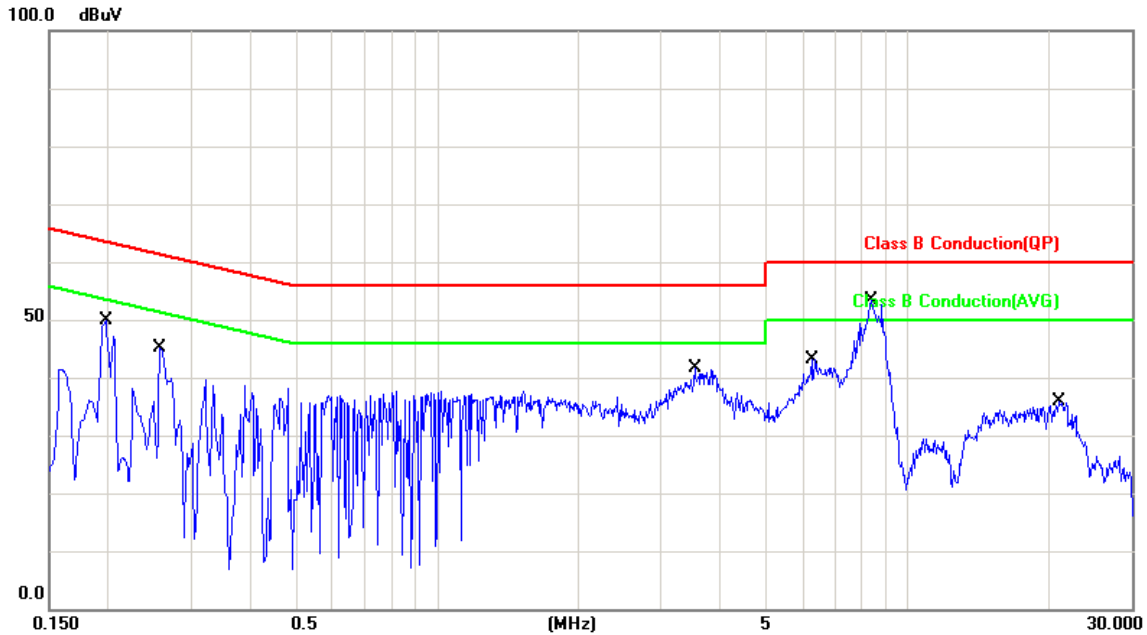


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1900	0.05	49.60	49.65	64.03	-14.38	QP	P
2	0.1900	0.05	35.41	35.46	54.03	-18.57	AVG	P
3	0.2300	0.05	35.50	35.55	62.45	-26.90	QP	P
4	0.2300	0.05	25.72	25.77	52.45	-26.68	AVG	P
5	3.5460	0.09	40.90	40.99	56.00	-15.01	QP	P
6	3.5460	0.09	30.46	30.55	46.00	-15.45	AVG	P
7	6.9500	0.13	38.96	39.09	60.00	-20.91	QP	P
8	6.9500	0.13	30.50	30.63	50.00	-19.37	AVG	P
9	8.4100	0.16	49.31	49.47	60.00	-10.53	QP	P
10	8.4100	0.16	39.13	39.29	50.00	-10.71	AVG	P
11	21.6780	0.28	31.25	31.53	60.00	-28.47	QP	P
12	21.6780	0.28	22.34	22.62	50.00	-27.38	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: $\pi/4$ -DQPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

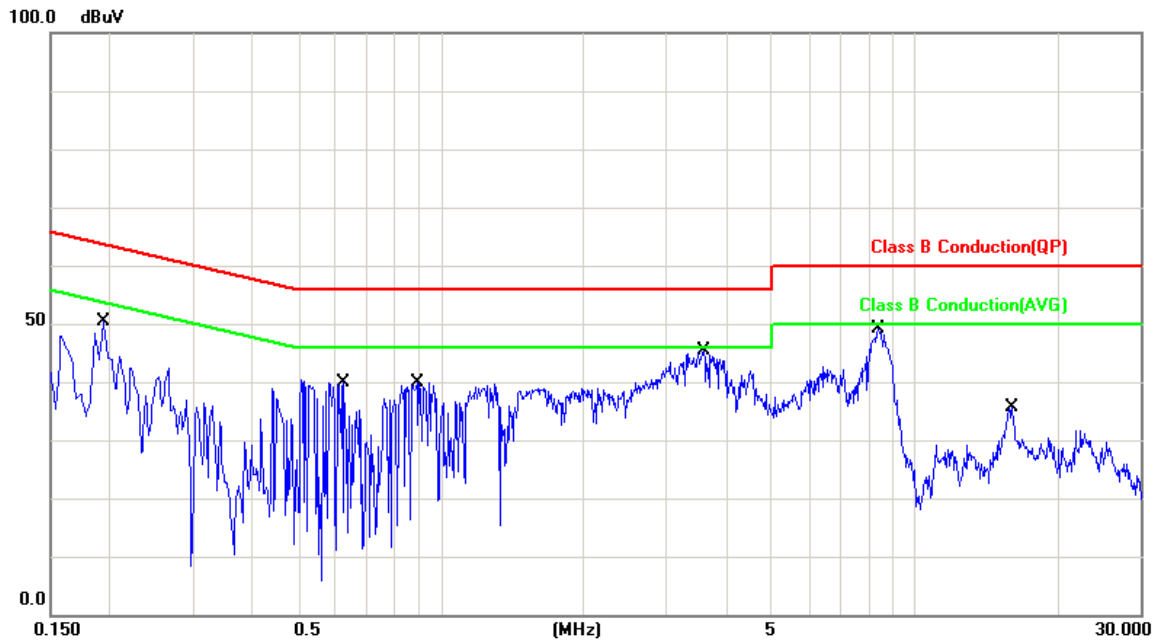


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1980	0.07	47.56	47.63	63.69	-16.06	QP	P
2	0.1980	0.07	35.50	35.57	53.69	-18.12	AVG	P
3	0.2580	0.07	41.35	41.42	61.49	-20.07	QP	P
4	0.2580	0.07	32.46	32.53	51.49	-18.96	AVG	P
5	3.5460	0.10	35.45	35.55	56.00	-20.45	QP	P
6	3.5460	0.10	23.56	23.66	46.00	-22.34	AVG	P
7	6.2580	0.13	36.42	36.55	60.00	-23.45	QP	P
8	6.2580	0.13	27.63	27.76	50.00	-22.24	AVG	P
9	8.3900	0.16	48.47	48.63	60.00	-11.37	QP	P
10	8.3900	0.16	39.36	39.52	50.00	-10.48	AVG	P
11	21.0060	0.30	30.12	30.42	60.00	-29.58	QP	P
12	21.0060	0.30	23.23	23.53	50.00	-26.47	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: 8DPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %

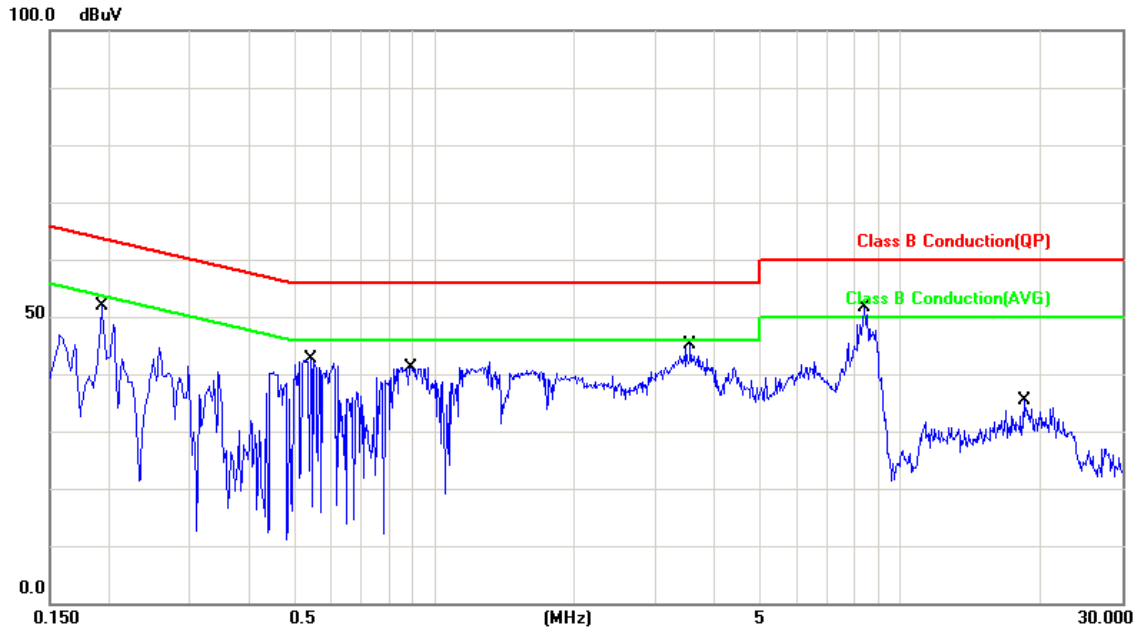


No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.05	49.41	49.46	63.86	-14.40	QP	P
2	0.1940	0.05	37.70	37.75	53.86	-16.11	AVG	P
3	0.6260	0.05	38.28	38.33	56.00	-17.67	QP	P
4	0.6260	0.05	19.41	19.46	46.00	-26.54	AVG	P
5	0.8940	0.06	38.36	38.42	56.00	-17.58	QP	P
6	0.8940	0.06	26.27	26.33	46.00	-19.67	AVG	P
7	3.5980	0.09	41.02	41.11	56.00	-14.89	QP	P
8	3.5980	0.09	30.43	30.52	46.00	-15.48	AVG	P
9	8.3780	0.16	43.33	43.49	60.00	-16.51	QP	P
10	8.3780	0.16	33.10	33.26	50.00	-16.74	AVG	P
11	16.0900	0.23	29.19	29.42	60.00	-30.58	QP	P
12	16.0900	0.23	22.63	22.86	50.00	-27.14	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: 8DPSK CH0	Temperature	: 24 °C
Test Date	: Feb. 13, 2012	Humidity	: 58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.07	49.06	49.13	63.86	-14.73	QP	P
2	0.1940	0.07	37.70	37.77	53.86	-16.09	AVG	P
3	0.5460	0.06	41.32	41.38	56.00	-14.62	QP	P
4	0.5460	0.06	26.51	26.57	46.00	-19.43	AVG	P
5	0.8980	0.07	39.62	39.69	56.00	-16.31	QP	P
6	0.8980	0.07	27.52	27.59	46.00	-18.41	AVG	P
7	3.5500	0.10	39.32	39.42	56.00	-16.58	QP	P
8	3.5500	0.10	27.23	27.33	46.00	-18.67	AVG	P
9	8.3940	0.16	43.32	43.48	60.00	-16.52	QP	P
10	8.3940	0.16	33.39	33.55	50.00	-16.45	AVG	P
11	18.4340	0.27	31.49	31.76	60.00	-28.24	QP	P
12	18.4340	0.27	27.71	27.98	50.00	-22.02	AVG	P

Remarks: 1. Result = Read Value + Factor
 2. Factor = LISN (ISN) Factor + Cable Loss

Test engineer: Ben

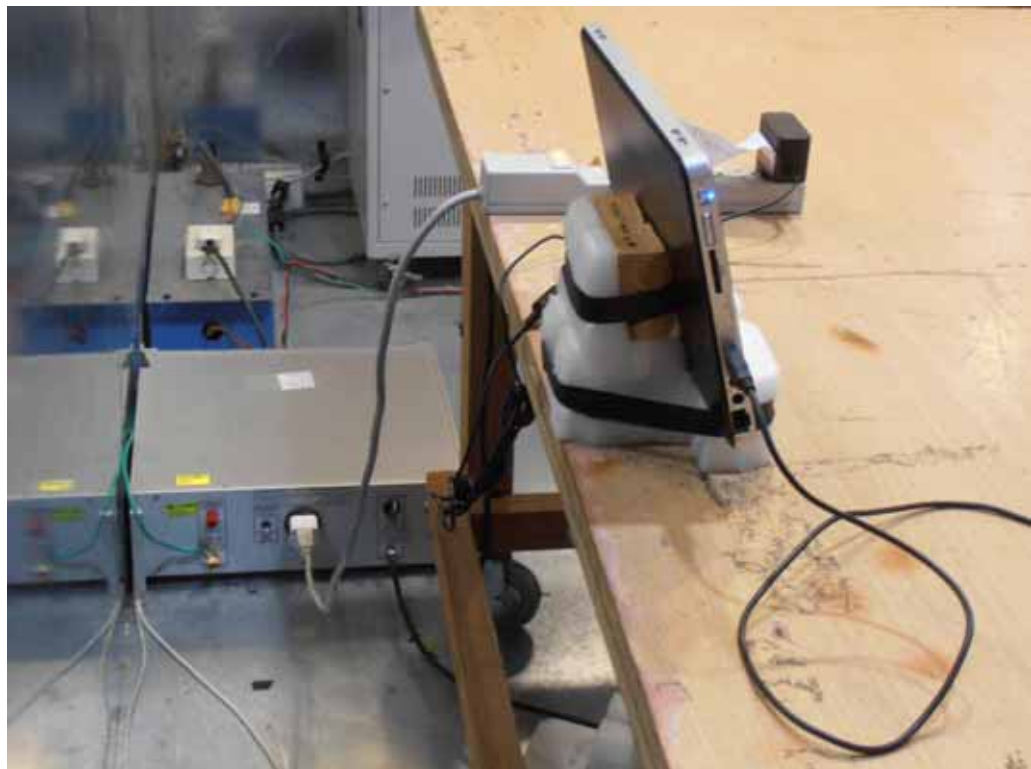


4.6 Test Photographs

Front View



Rear View





5. Test of Radiated Emission

5.1 Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2009. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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

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

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

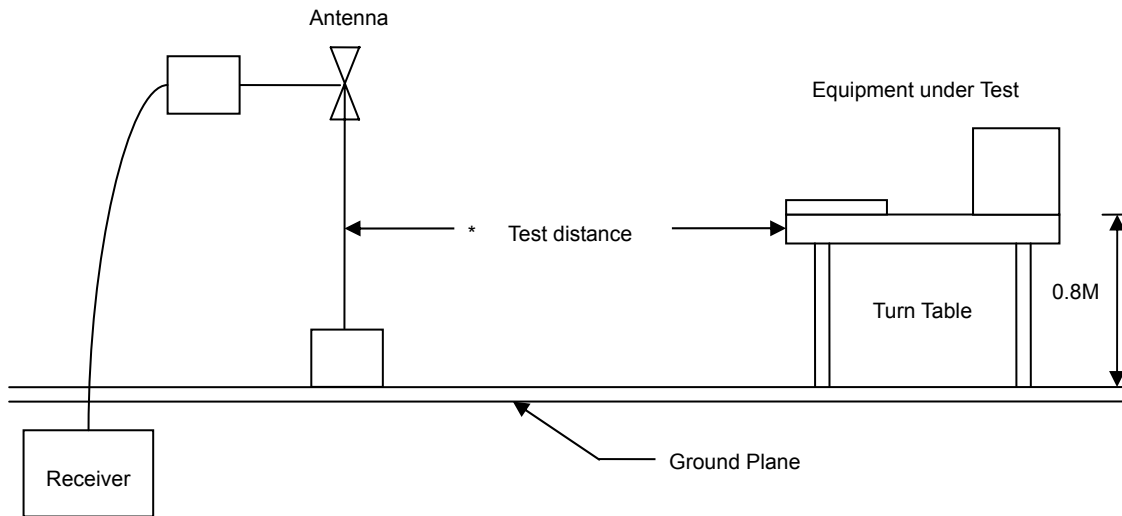
5.2 Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

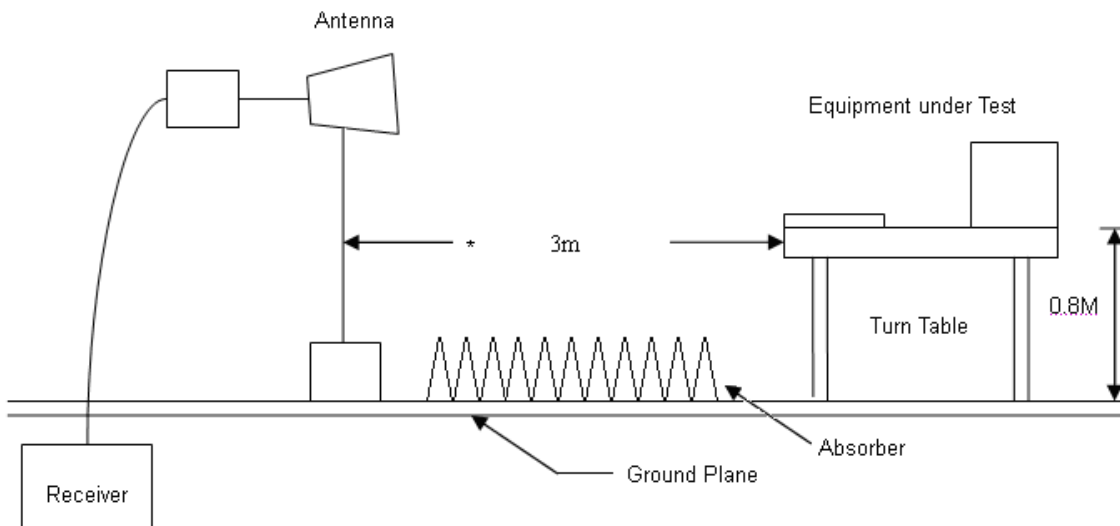


5.3 Typical Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



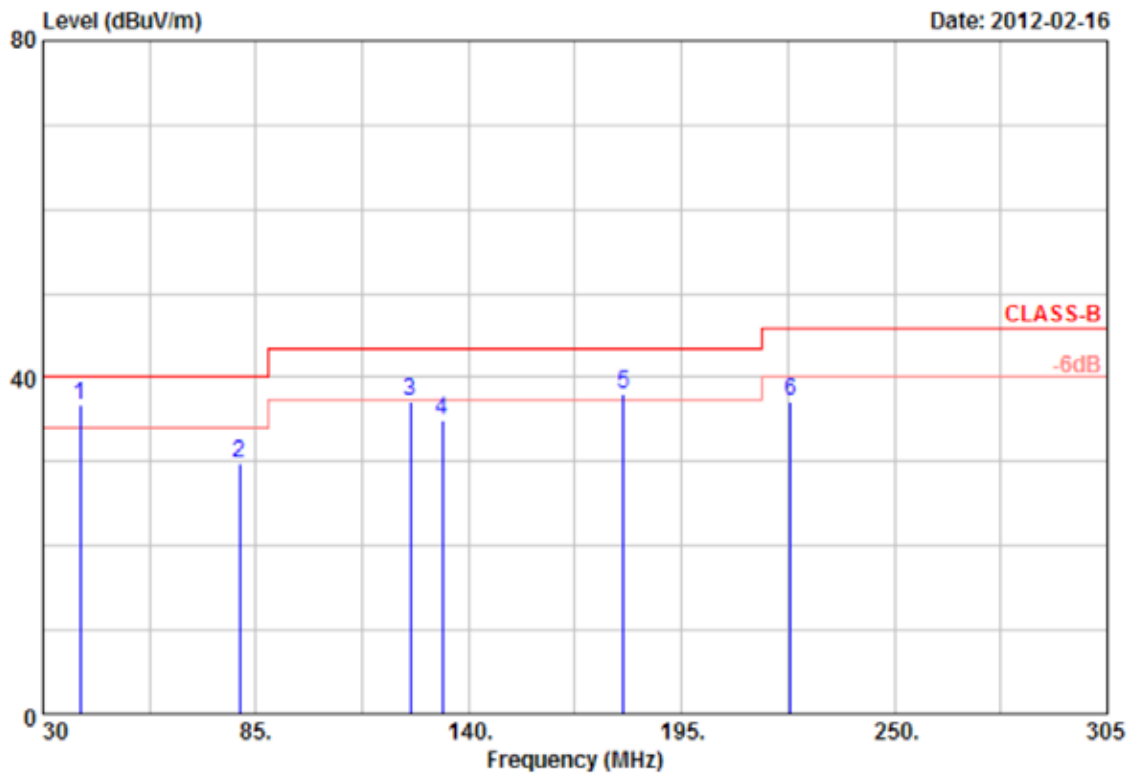
5.4 Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Amplifier	Agilent	8447D	2944A10531	2012/01/13	2013/01/12
Bilog Antenna	Schaffner	CBL6112D	22242	2012/01/12	2013/01/11
EMI Receiver	R&S	ESCI	101200	2011/07/26	2012/07/25
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04
Horn Antenna	EMCO	3115	31589	2011/05/02	2012/05/01
Preamplifier	Agilent	8449B	3008A01954	2011/03/02	2012/03/01



5.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

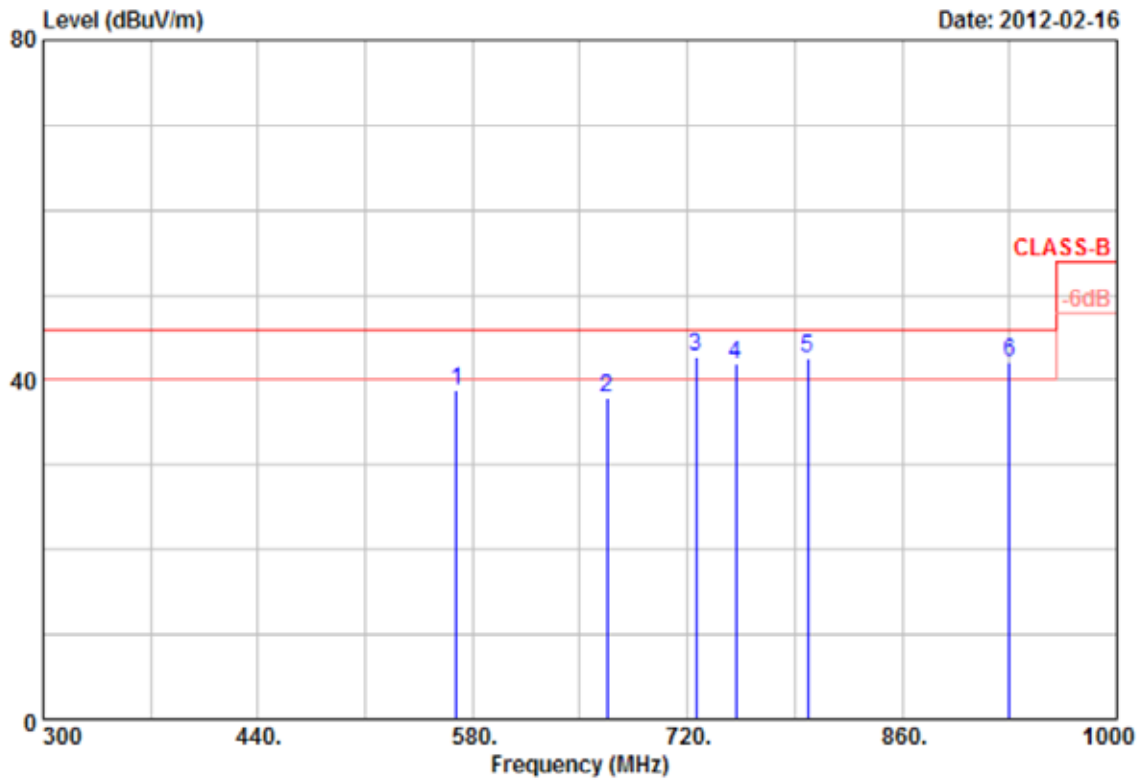


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	39.63	38.27	-1.60	36.67	40.00	-3.33	QP	100	360
2	80.88	37.37	-7.48	29.89	40.00	-10.11	Peak	100	360
3	124.88	42.15	-4.91	37.24	43.50	-6.26	Peak	100	360
4	133.13	41.85	-6.90	34.95	43.50	-8.55	Peak	100	360
5	179.88	43.22	-5.06	38.16	43.50	-5.34	QP	100	360
6	223.05	43.79	-6.49	37.30	46.00	-8.70	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0, 39, 78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

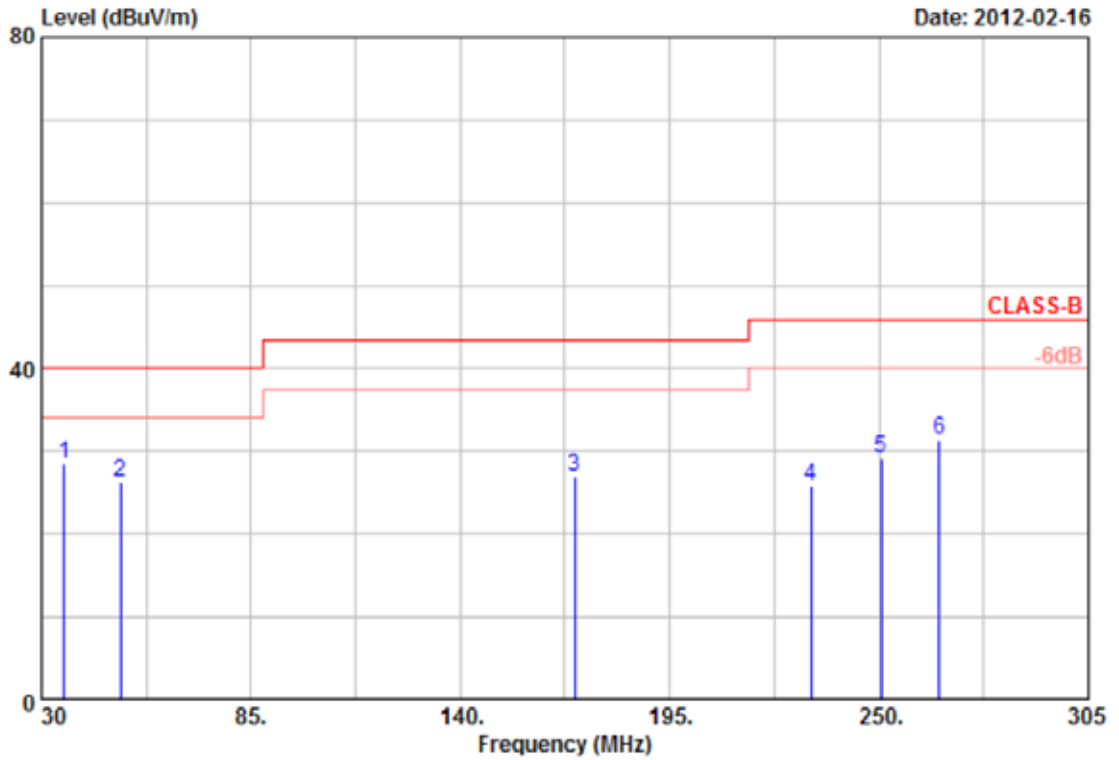


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	569.50	31.21	7.60	38.81	46.00	-7.19	Peak	100	0
2	667.50	39.47	-1.54	37.93	46.00	-8.07	Peak	100	0
3	725.60	36.67	6.12	42.79	46.00	-3.21	QP	100	0
4	751.50	37.44	4.51	41.95	46.00	-4.05	QP	100	0
5	798.40	36.66	5.82	42.48	46.00	-3.52	QP	100	0
6	930.00	33.48	8.73	42.21	46.00	-3.79	QP	100	0

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

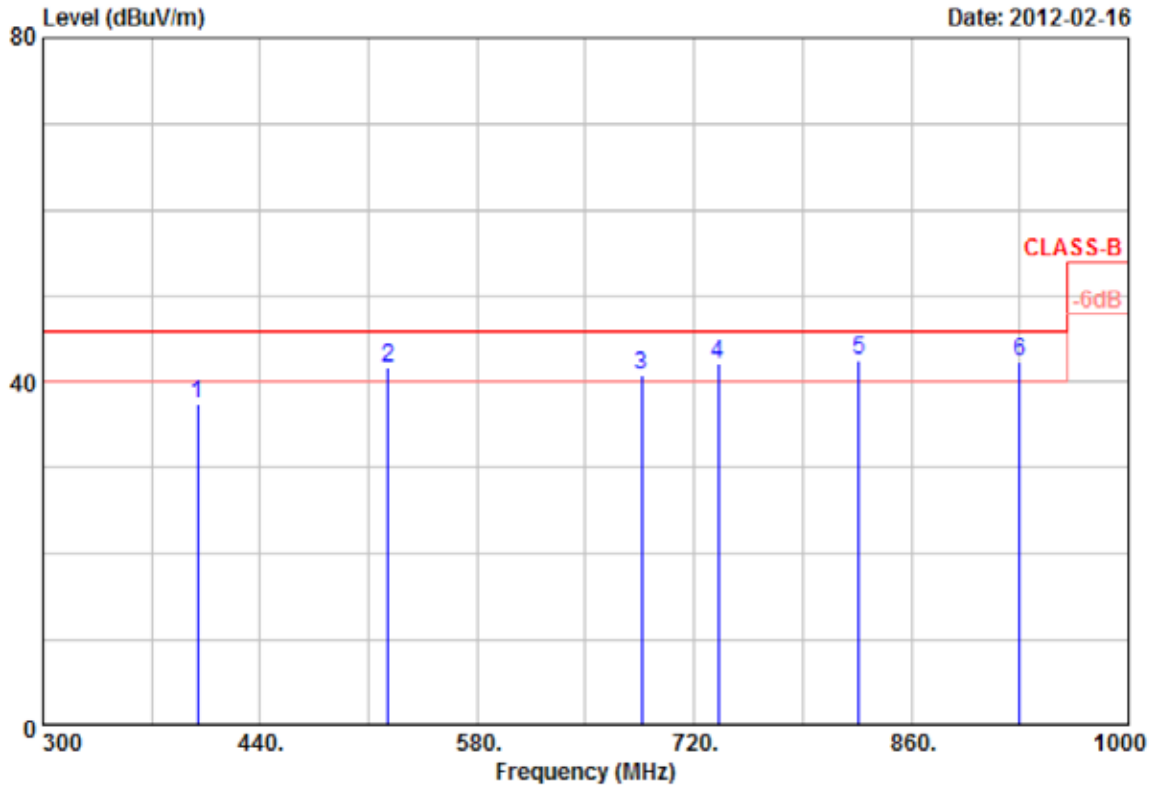


Item	Freq MHz	Read Value dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	36.05	35.36	-6.78	28.58	40.00	-11.42	Peak	100	360
2	50.63	35.68	-9.38	26.30	40.00	-13.70	Peak	100	360
3	169.98	37.91	-10.97	26.94	43.50	-16.56	Peak	100	360
4	232.13	40.53	-14.72	25.81	46.00	-20.19	Peak	100	360
5	250.55	42.68	-13.52	29.16	46.00	-16.84	Peak	100	360
6	265.95	45.27	-13.91	31.36	46.00	-14.64	Peak	100	360

Remarks: 1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

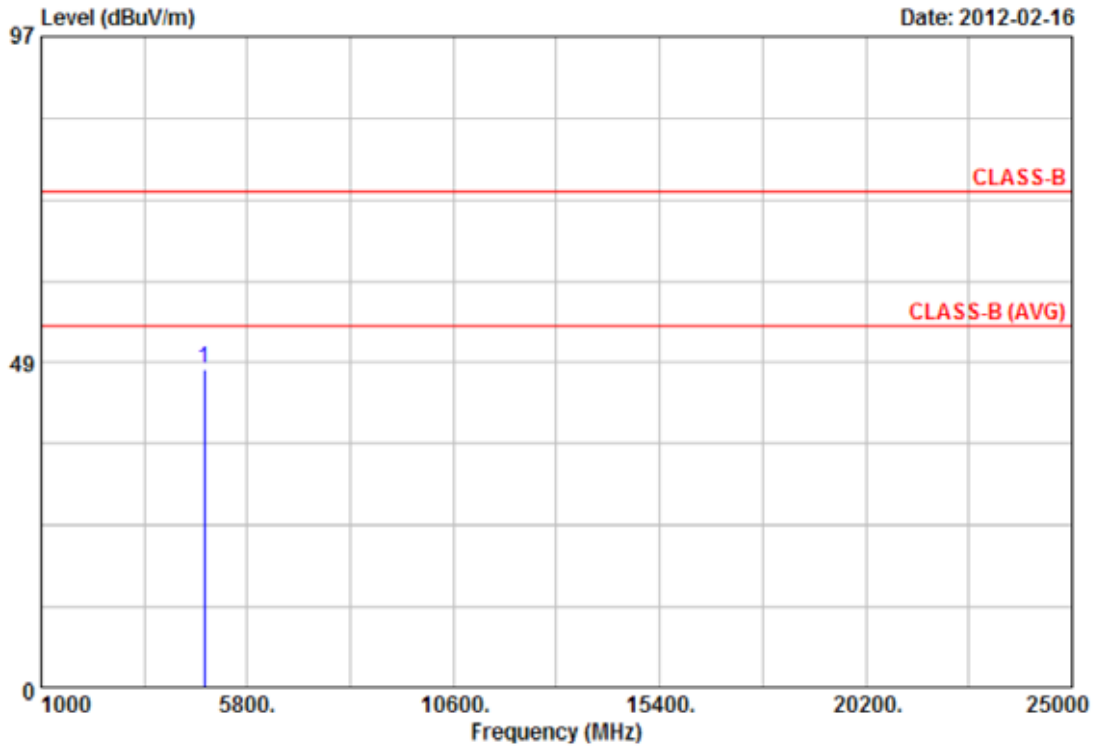


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	399.40	46.61	-9.28	37.33	46.00	-8.67	Peak	100	0
2	522.60	40.44	1.30	41.74	46.00	-4.26	QP	100	0
3	686.40	38.33	2.36	40.69	46.00	-5.31	QP	100	0
4	735.40	38.24	3.83	42.07	46.00	-3.93	QP	100	0
5	826.40	34.49	8.04	42.53	46.00	-3.47	QP	100	0
6	930.00	35.60	6.82	42.42	46.00	-3.58	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



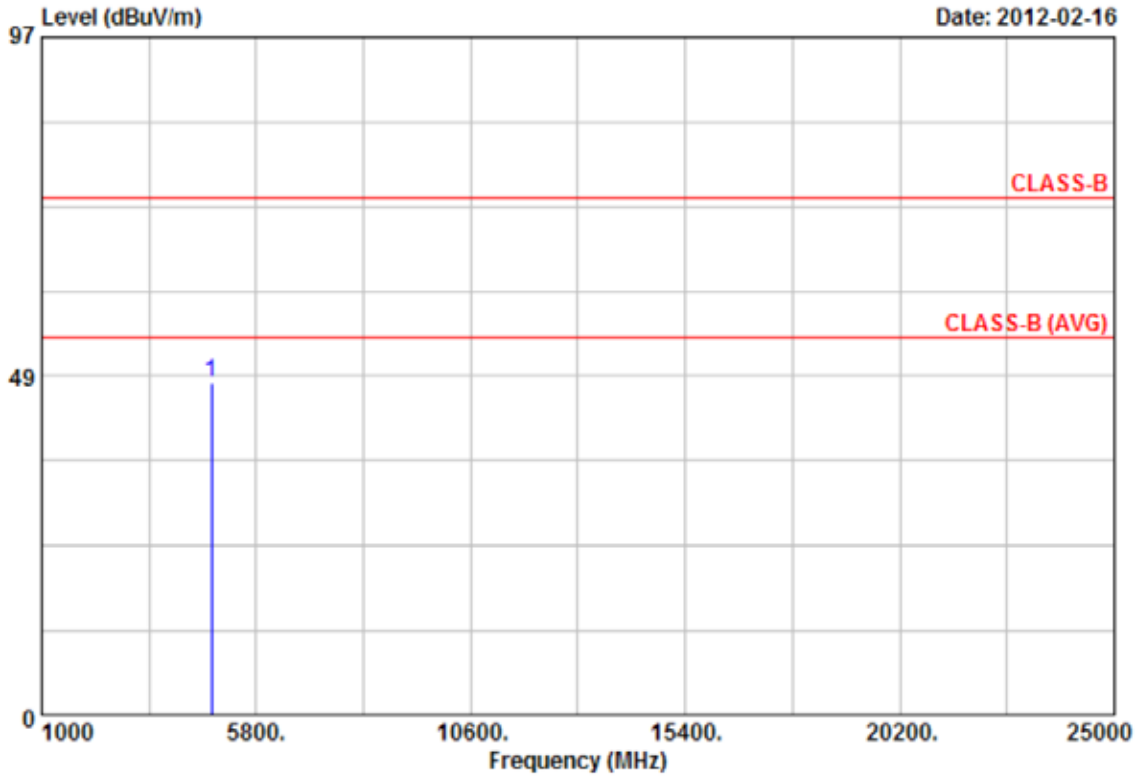
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4803.70	42.46	5.21	47.67	74.00	-26.33	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



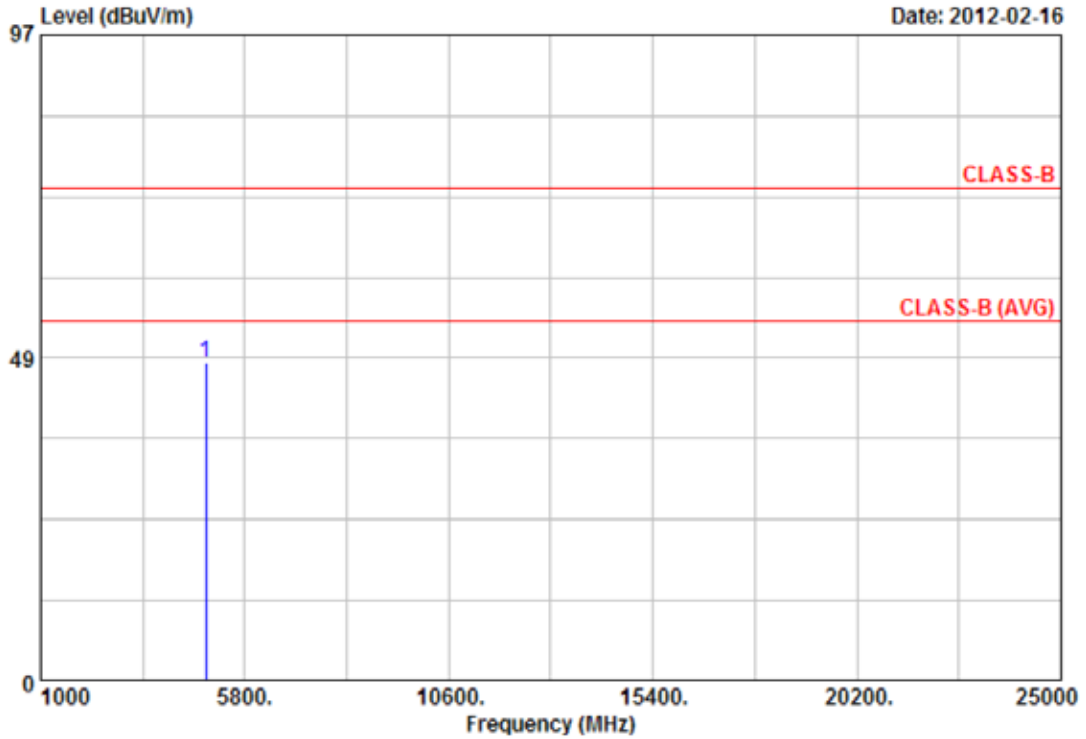
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.06	43.87	3.63	47.50	74.00	-26.50	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



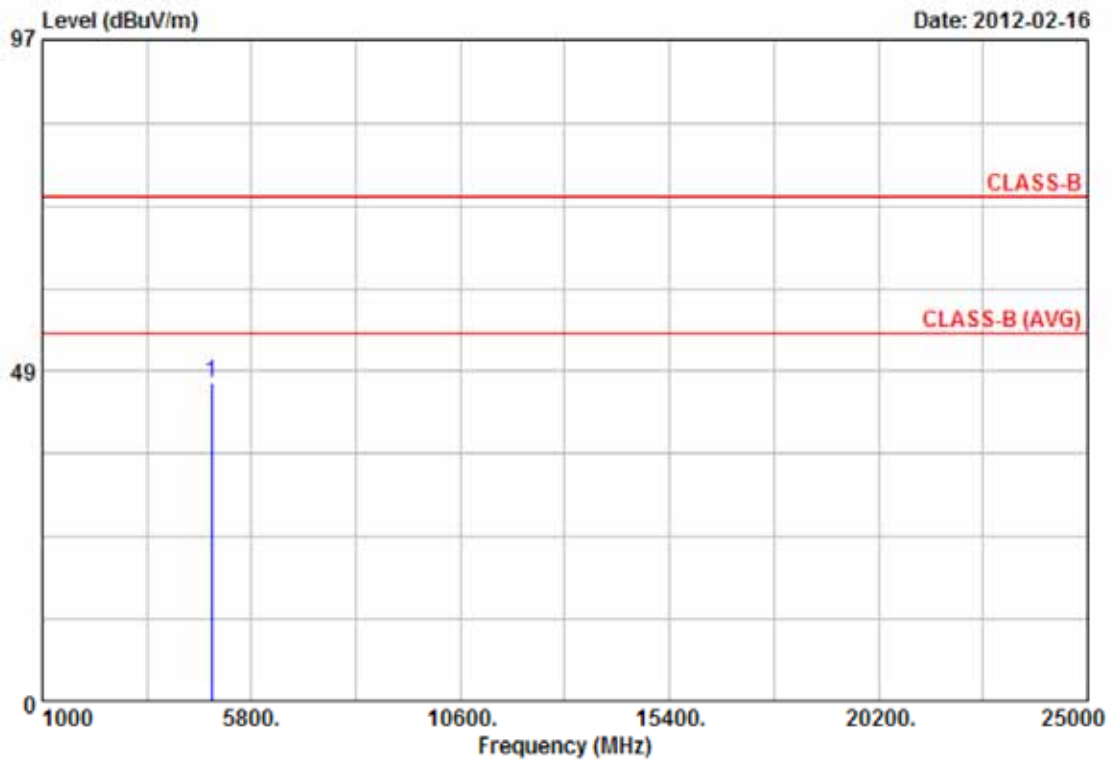
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4882.08	41.16	6.75	47.91	74.00	-26.09	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



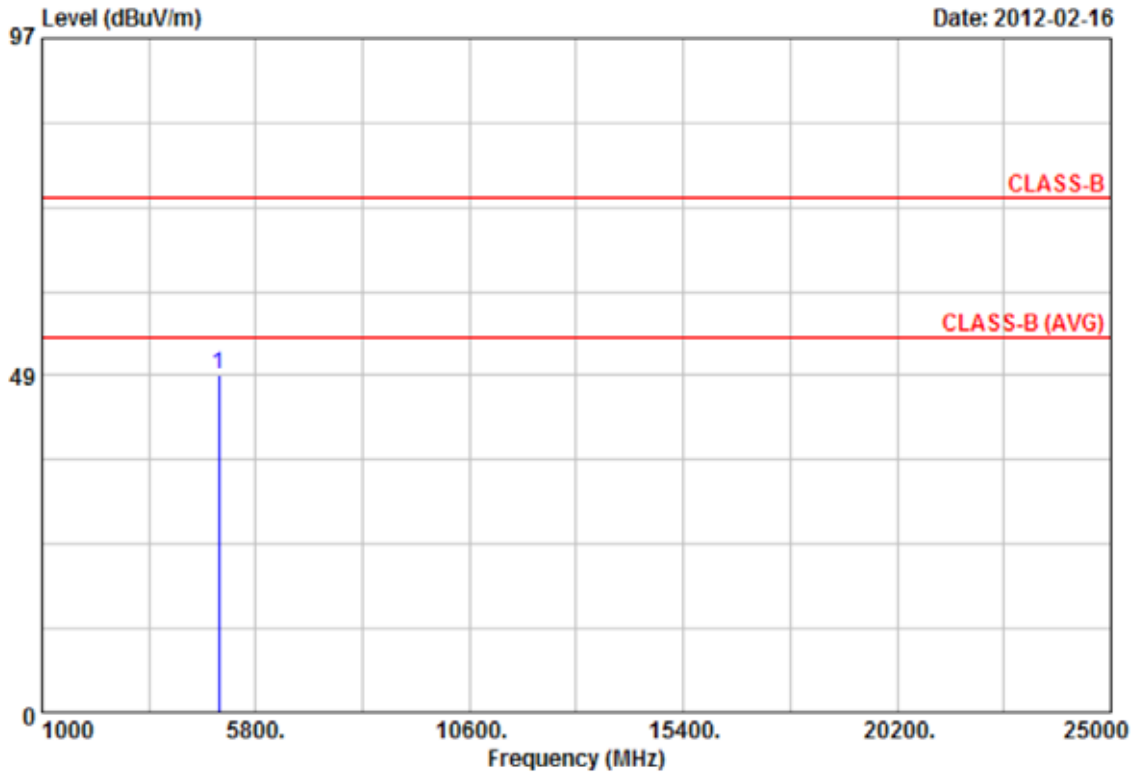
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4882.06	41.79	4.86	46.65	74.00	-27.35	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



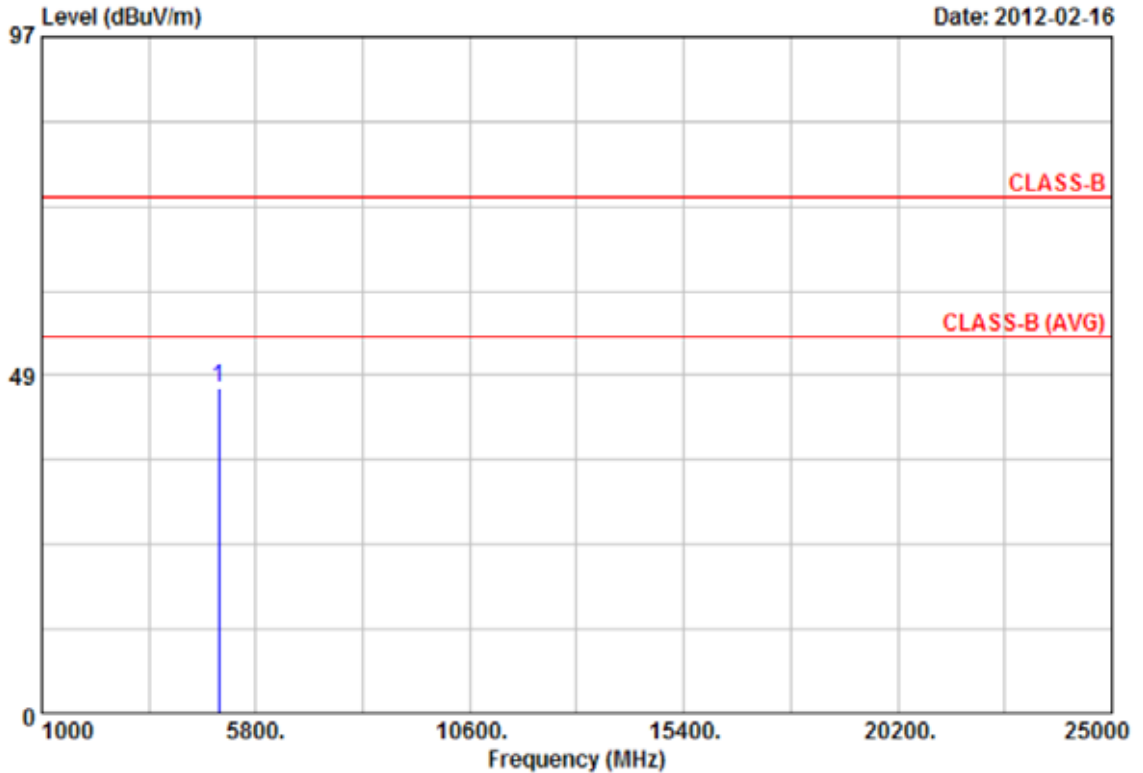
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.53	41.47	7.26	48.73	74.00	-25.27	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



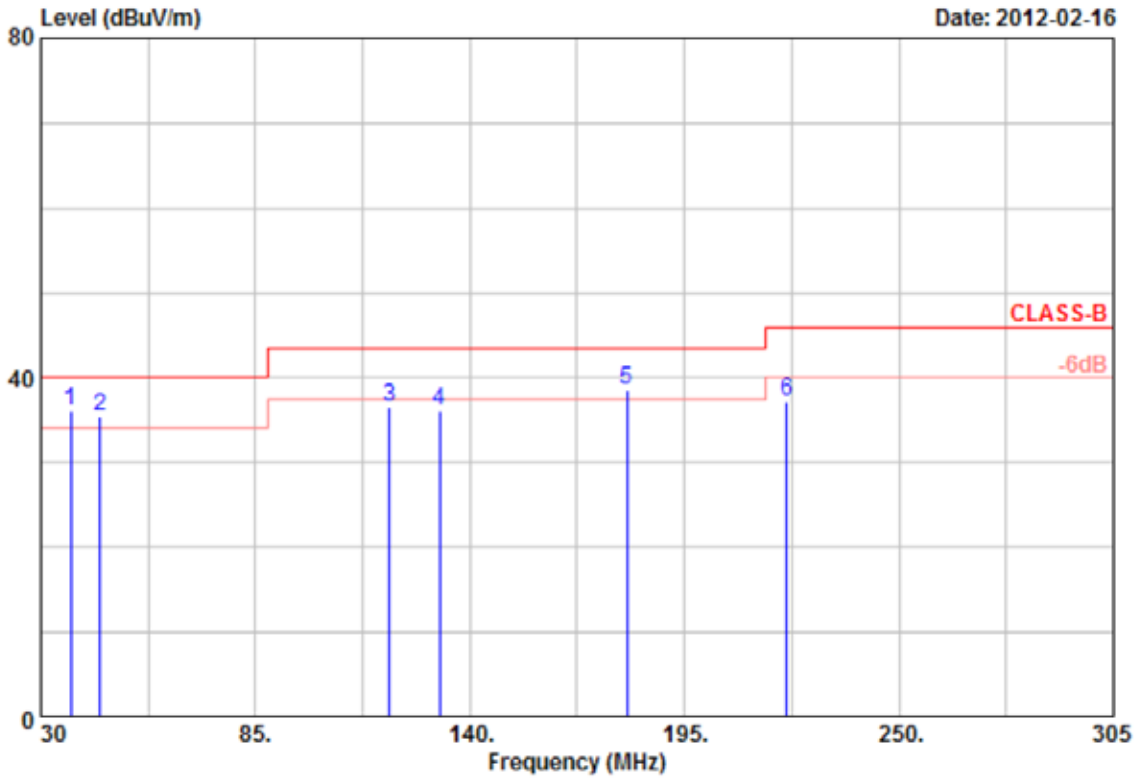
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.73	41.55	5.16	46.71	74.00	-27.29	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		

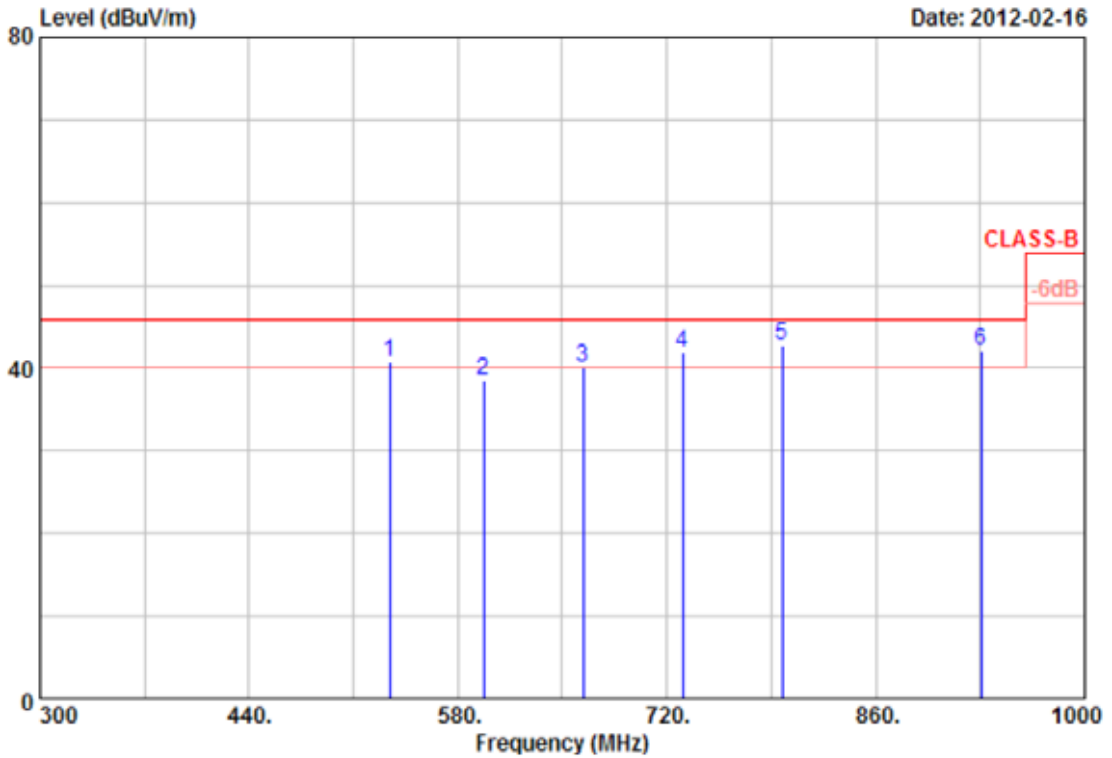


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	37.70	37.89	-1.78	36.11	40.00	-3.89	QP	100	360
2	45.13	36.56	-1.24	35.32	40.00	-4.68	QP	100	360
3	119.38	41.36	-4.92	36.44	43.50	-7.06	Peak	100	360
4	132.30	43.23	-7.24	35.99	43.50	-7.51	Peak	100	360
5	180.15	43.64	-5.15	38.49	43.50	-5.01	QP	100	360
6	221.13	43.38	-6.18	37.20	46.00	-8.80	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		

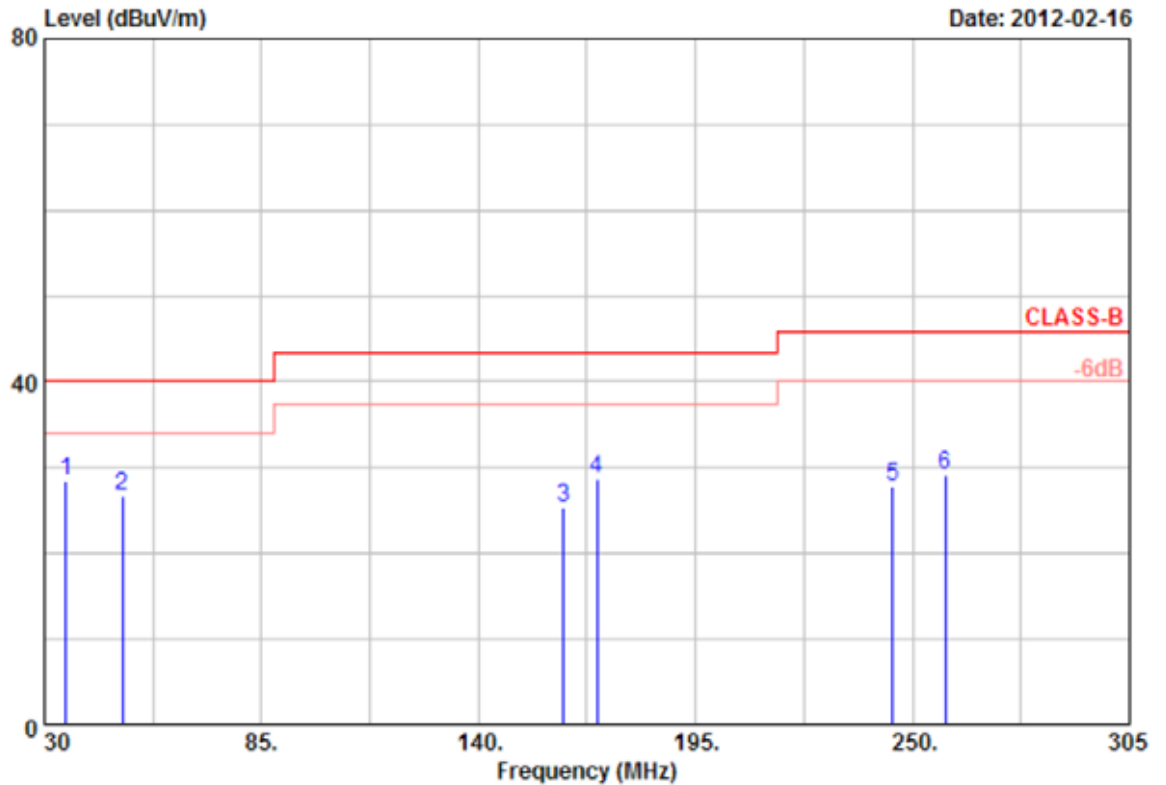


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	534.50	37.49	3.30	40.79	46.00	-5.21	QP	100	0
2	597.50	35.33	3.33	38.66	46.00	-7.34	Peak	100	0
3	664.00	41.37	-1.22	40.15	46.00	-5.85	QP	100	0
4	730.50	34.76	7.18	41.94	46.00	-4.06	QP	100	0
5	797.00	36.81	5.94	42.75	46.00	-3.25	QP	100	0
6	930.70	33.34	8.87	42.21	46.00	-3.79	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		

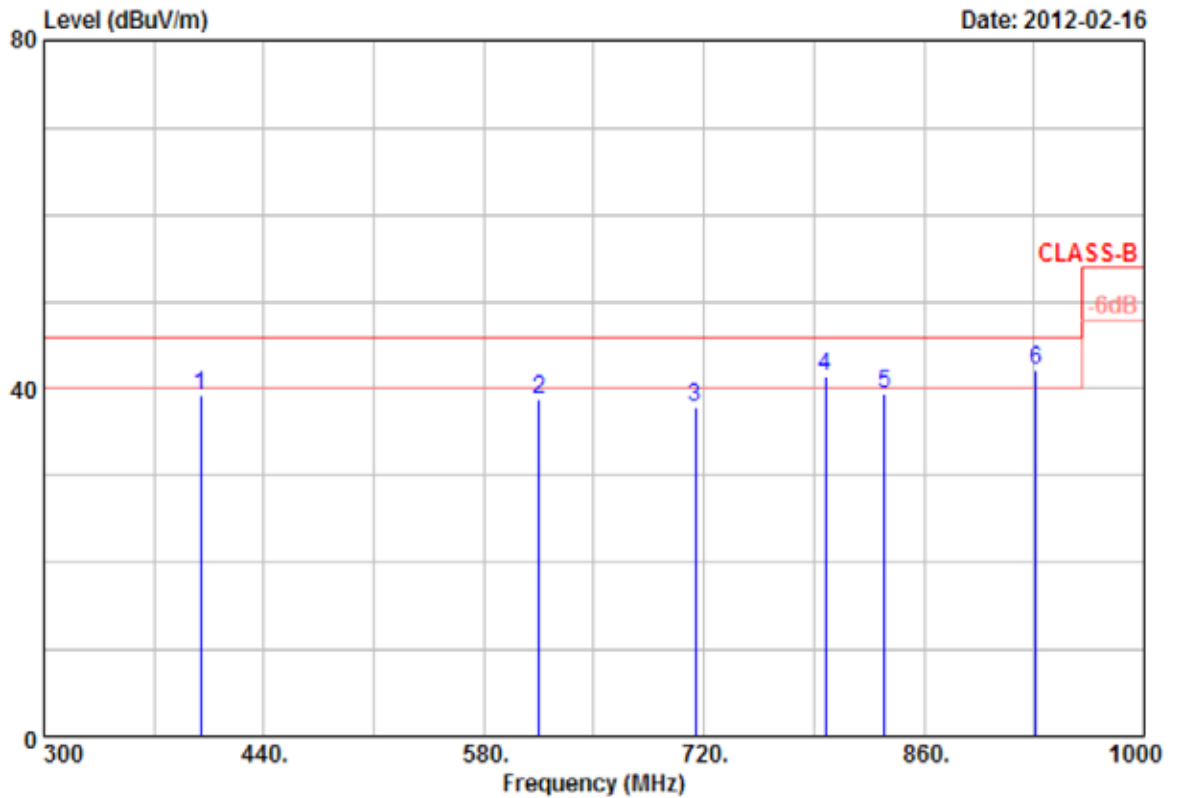


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	35.50	35.23	-6.69	28.54	40.00	-11.46	Peak	100	360
2	49.80	35.66	-9.01	26.65	40.00	-13.35	Peak	100	360
3	161.45	42.49	-17.13	25.36	43.50	-18.14	Peak	100	360
4	169.98	39.68	-10.97	28.71	43.50	-14.79	Peak	100	360
5	245.05	41.26	-13.31	27.95	46.00	-18.05	Peak	100	360
6	258.25	42.60	-13.34	29.26	46.00	-16.74	Peak	100	360

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		

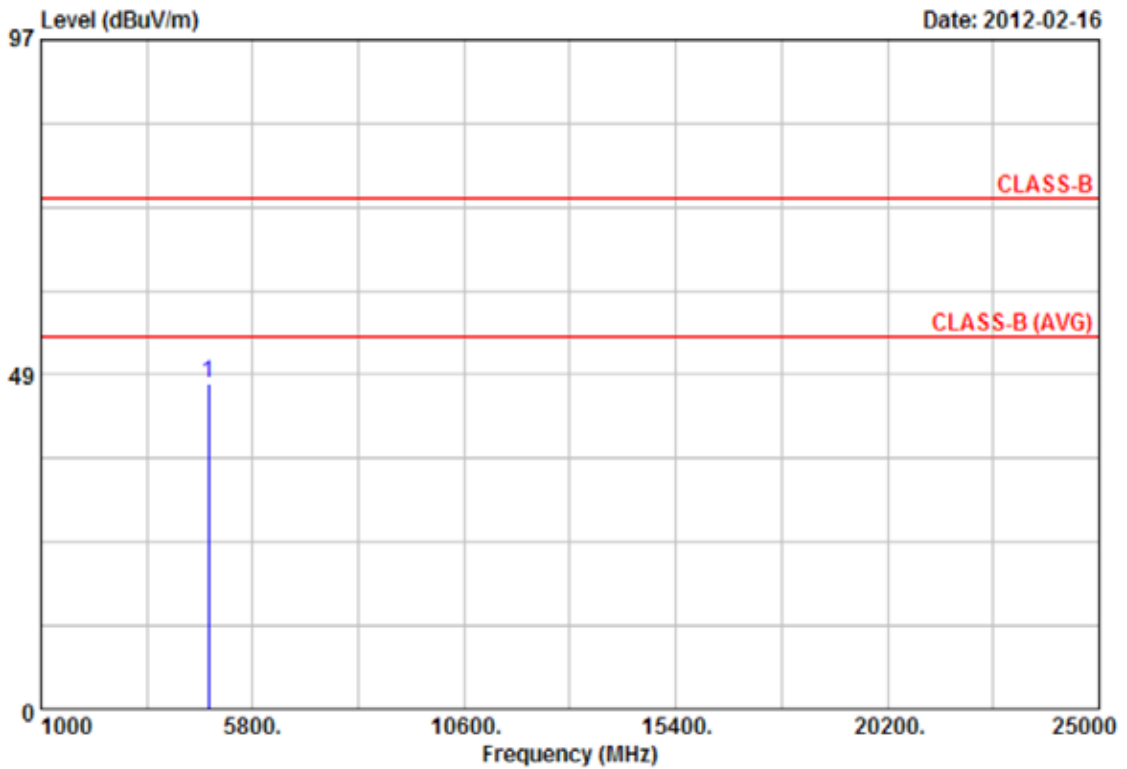


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	399.40	48.46	-9.28	39.18	46.00	-6.82	Peak	100	0
2	615.00	34.95	3.76	38.71	46.00	-7.29	Peak	100	0
3	714.40	34.56	3.26	37.82	46.00	-8.18	Peak	100	0
4	797.00	35.54	5.98	41.52	46.00	-4.48	QP	100	0
5	834.80	30.64	8.91	39.55	46.00	-6.45	Peak	100	0
6	931.40	35.40	6.64	42.04	46.00	-3.96	QP	100	0

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



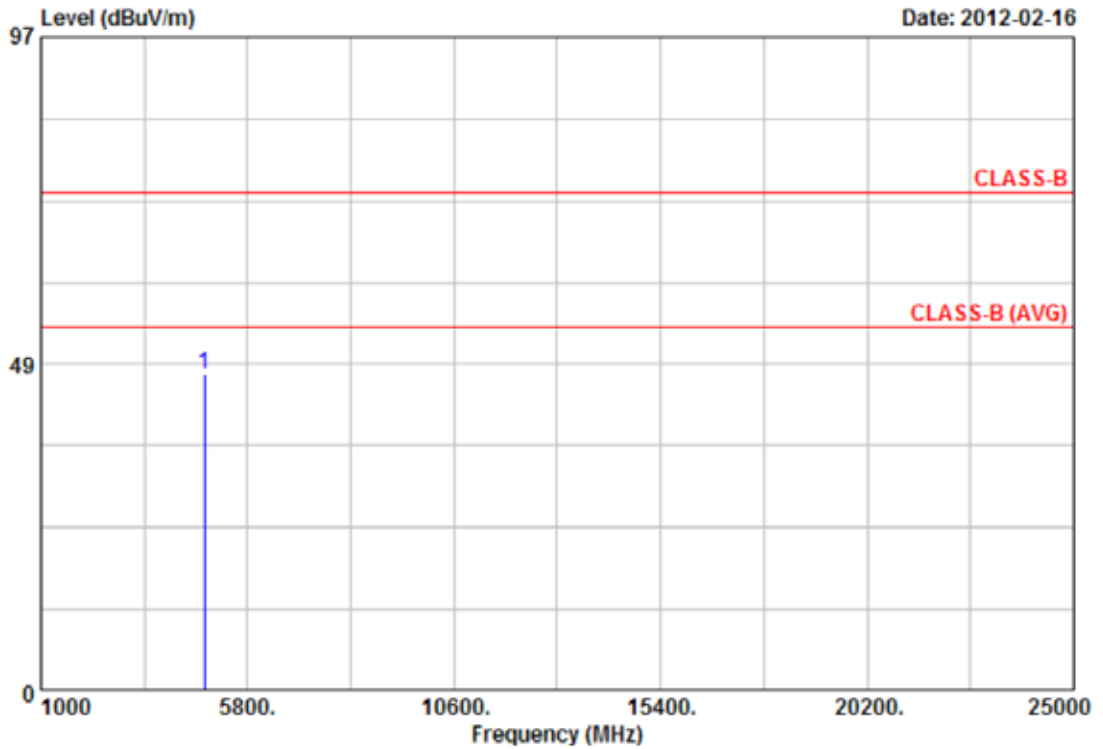
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.13	42.20	5.22	47.42	74.00	-26.58	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



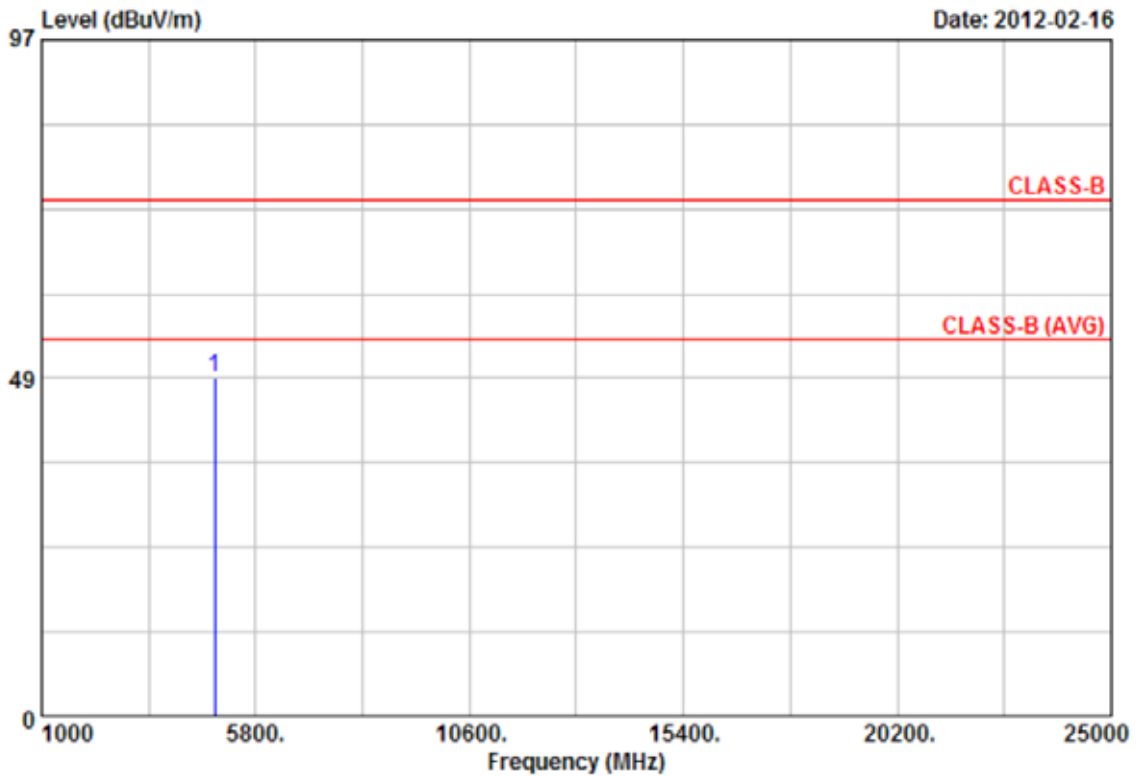
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.02	43.38	3.63	47.01	74.00	-26.99	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



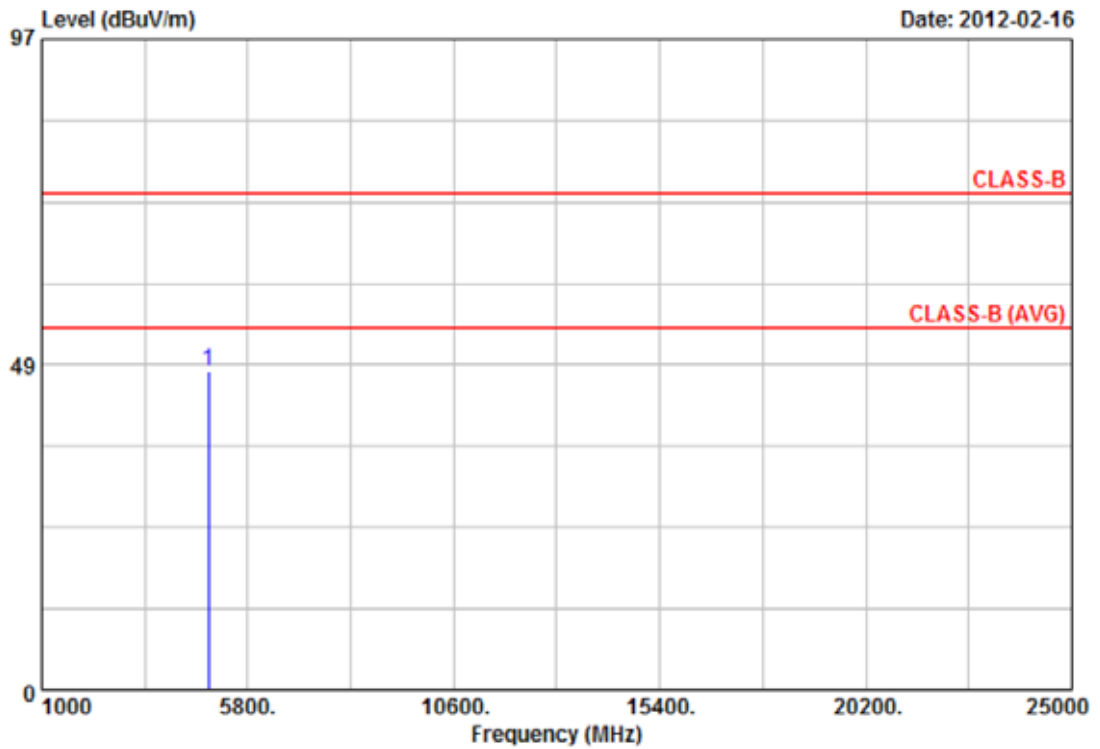
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4882.93	41.74	6.77	48.51	74.00	-25.49	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



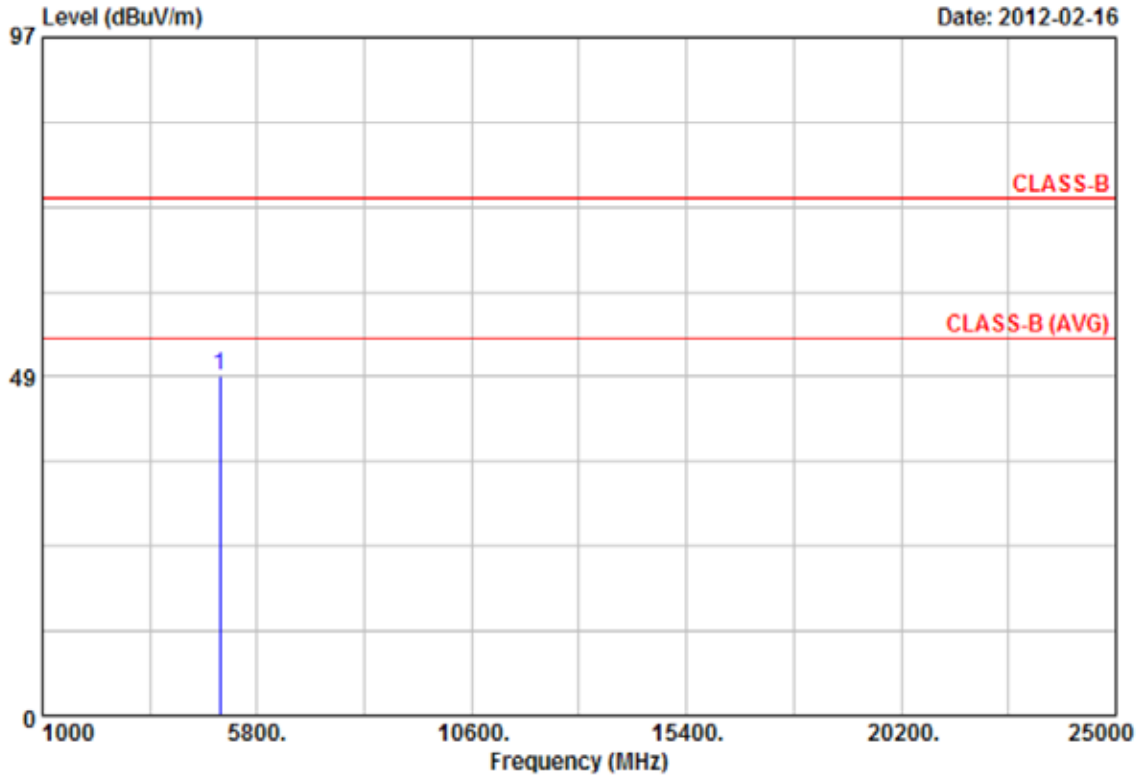
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4882.87	42.75	4.88	47.63	74.00	-26.37	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



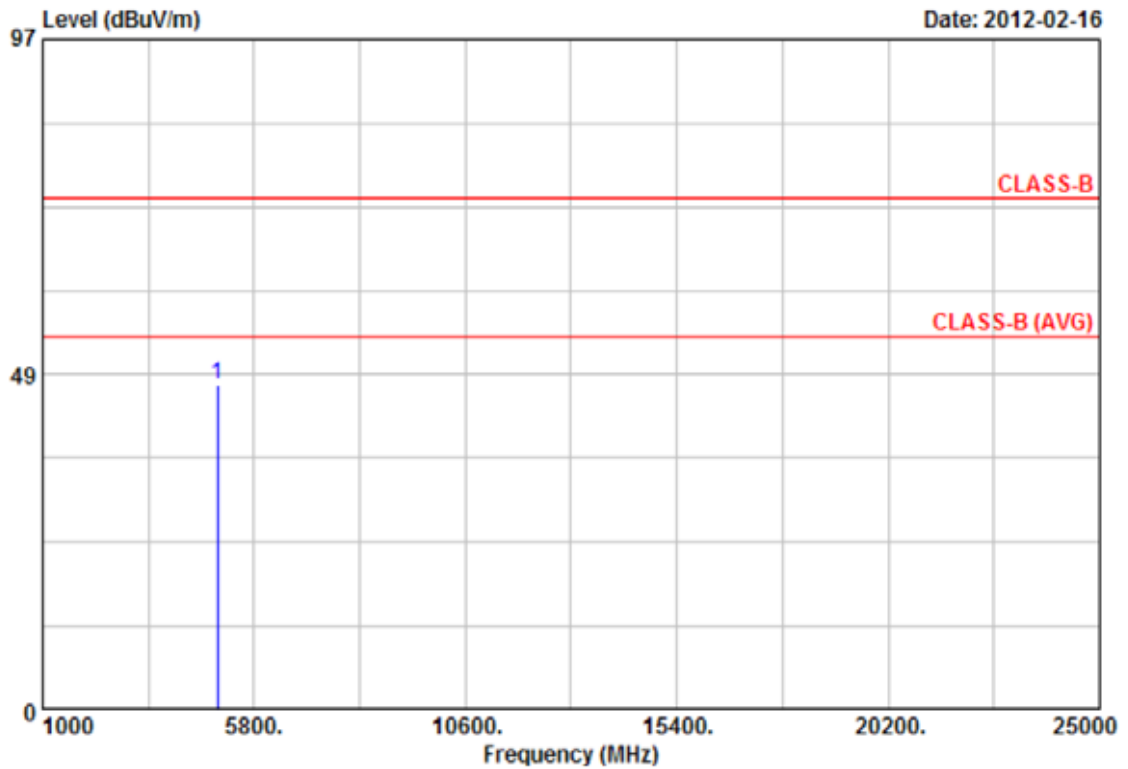
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.03	41.40	7.26	48.66	74.00	-25.34	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: $\pi/4$ -DQPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 2 Mbps		



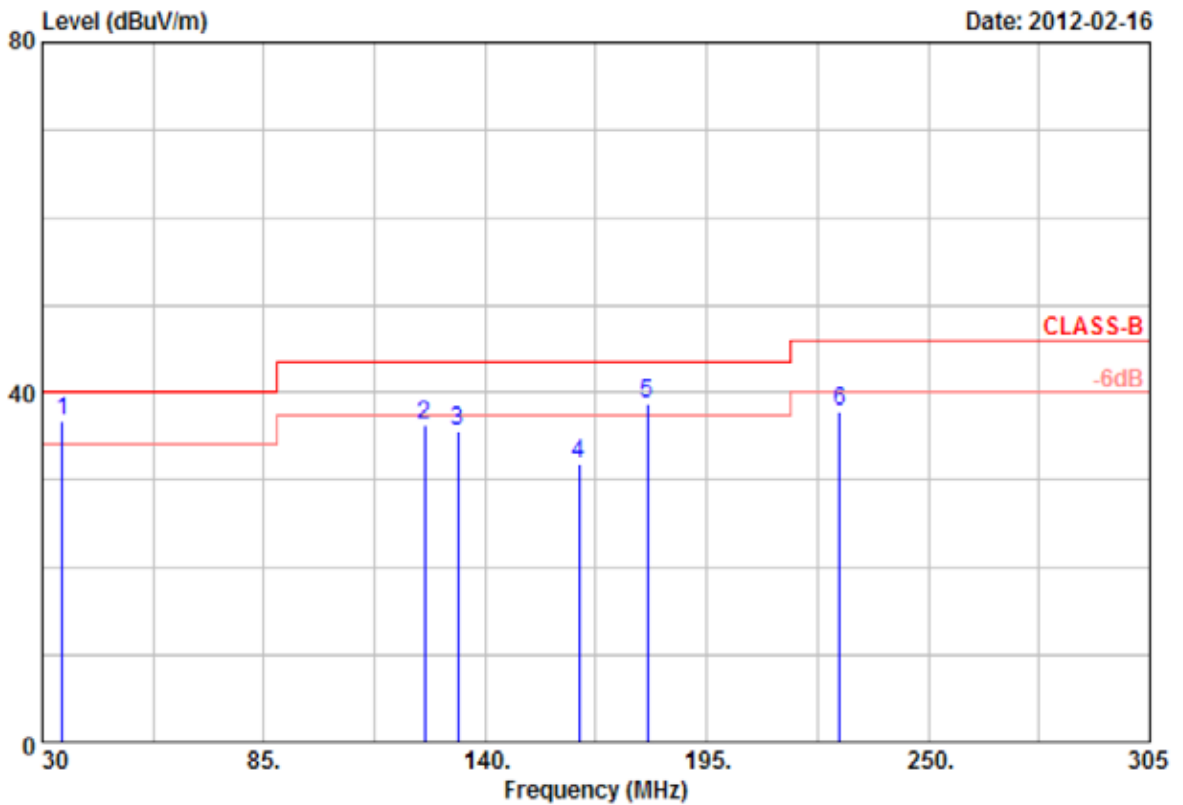
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4959.59	41.80	5.16	46.96	74.00	-27.04	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		

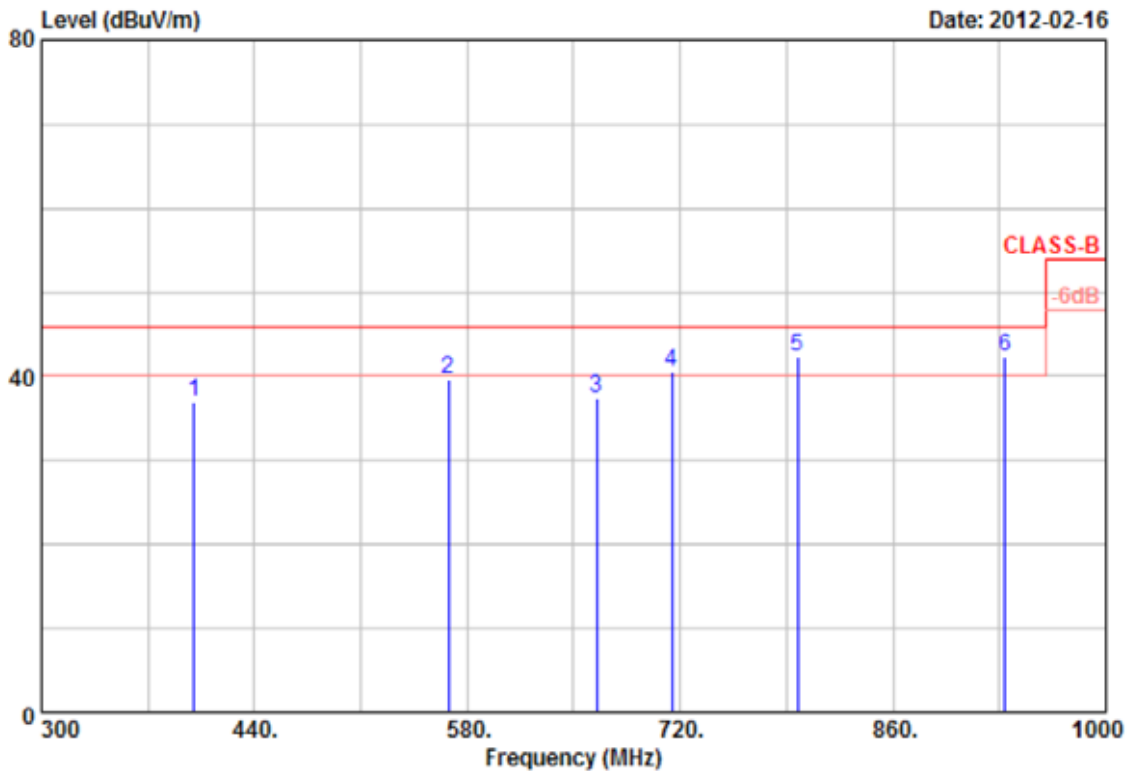


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	34.95	38.70	-2.04	36.66	40.00	-3.34	QP	100	360
2	124.88	41.30	-4.91	36.39	43.50	-7.11	Peak	100	360
3	133.13	42.48	-6.90	35.58	43.50	-7.92	Peak	100	360
4	163.38	41.66	-9.81	31.85	43.50	-11.65	Peak	100	360
5	180.15	43.90	-5.15	38.75	43.50	-4.75	QP	100	360
6	228.00	45.30	-7.43	37.87	46.00	-8.13	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0, 39, 78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		

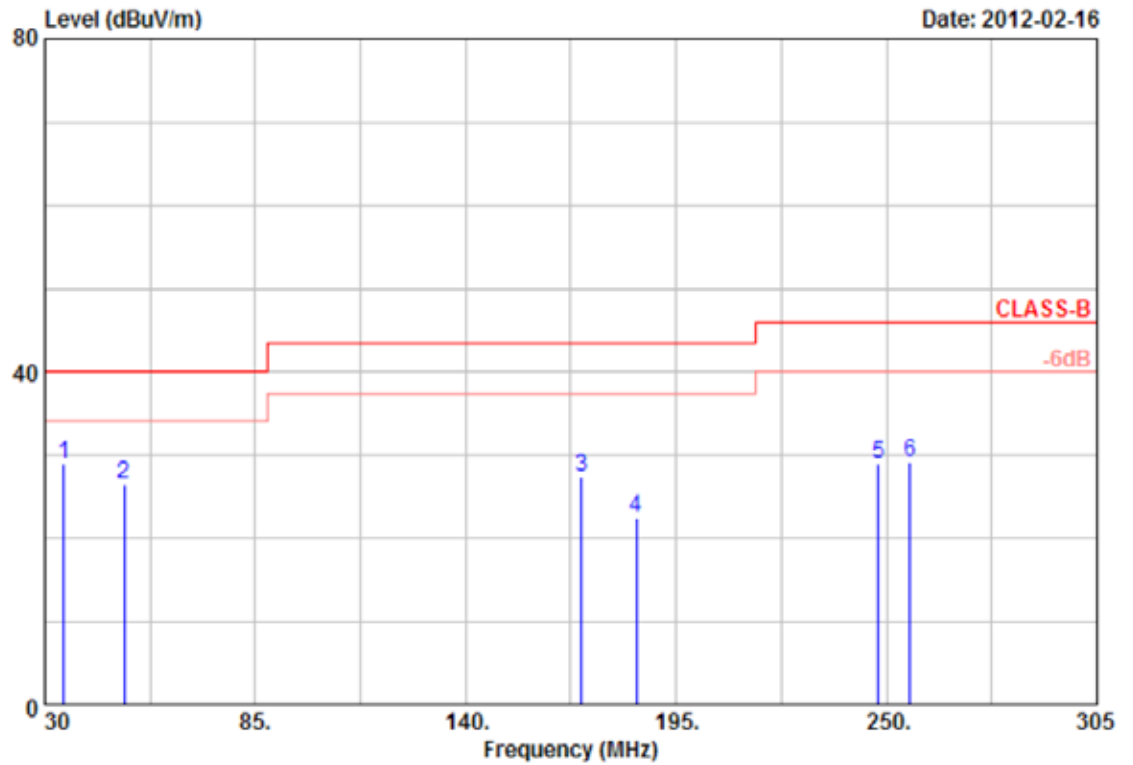


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	400.10	42.32	-5.39	36.93	46.00	-9.07	Peak	100	0
2	567.40	32.46	7.11	39.57	46.00	-6.43	Peak	100	0
3	665.40	38.68	-1.31	37.37	46.00	-8.63	Peak	100	0
4	714.40	36.92	3.68	40.60	46.00	-5.40	QP	100	0
5	797.00	36.37	5.94	42.31	46.00	-3.69	QP	100	0
6	933.50	32.87	9.44	42.31	46.00	-3.69	QP	100	0

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		

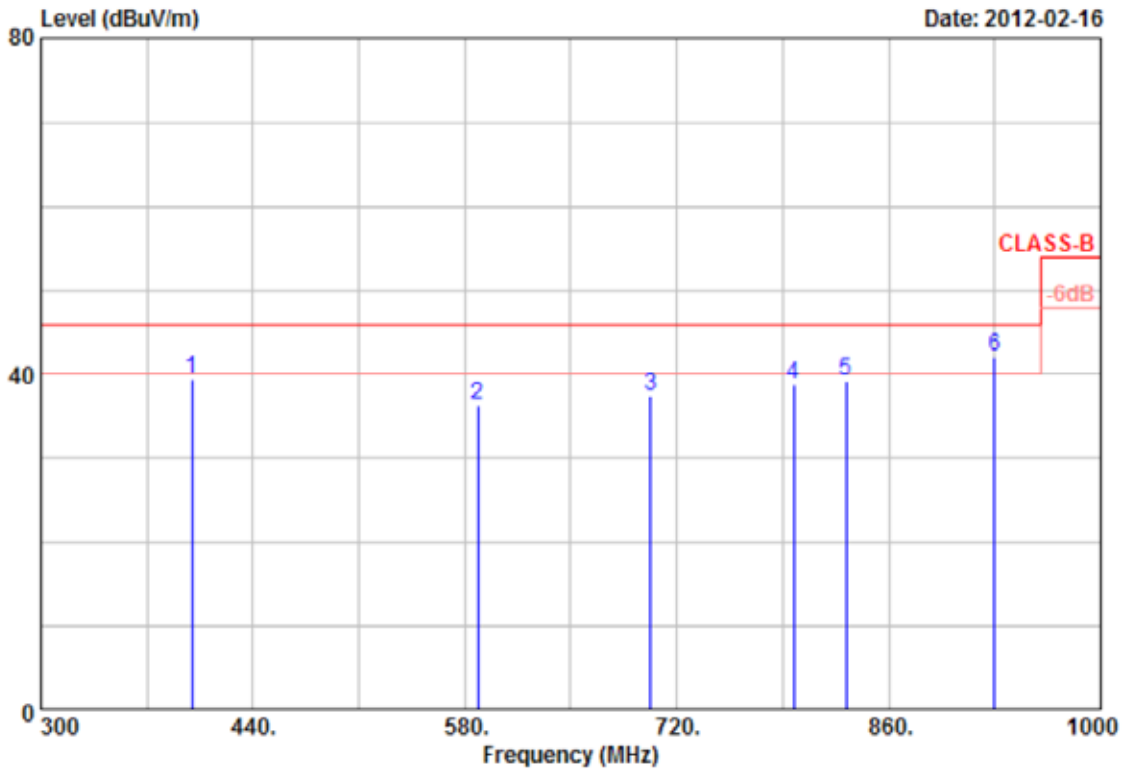


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	34.95	35.65	-6.60	29.05	40.00	-10.95	Peak	100	360
2	50.63	35.82	-9.38	26.44	40.00	-13.56	Peak	100	360
3	170.25	38.79	-11.29	27.50	43.50	-16.00	Peak	100	360
4	184.55	42.47	-20.07	22.40	43.50	-21.10	Peak	100	360
5	247.80	42.32	-13.43	28.89	46.00	-17.11	Peak	100	360
6	256.05	42.71	-13.46	29.25	46.00	-16.75	Peak	100	360

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0, 39, 78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		

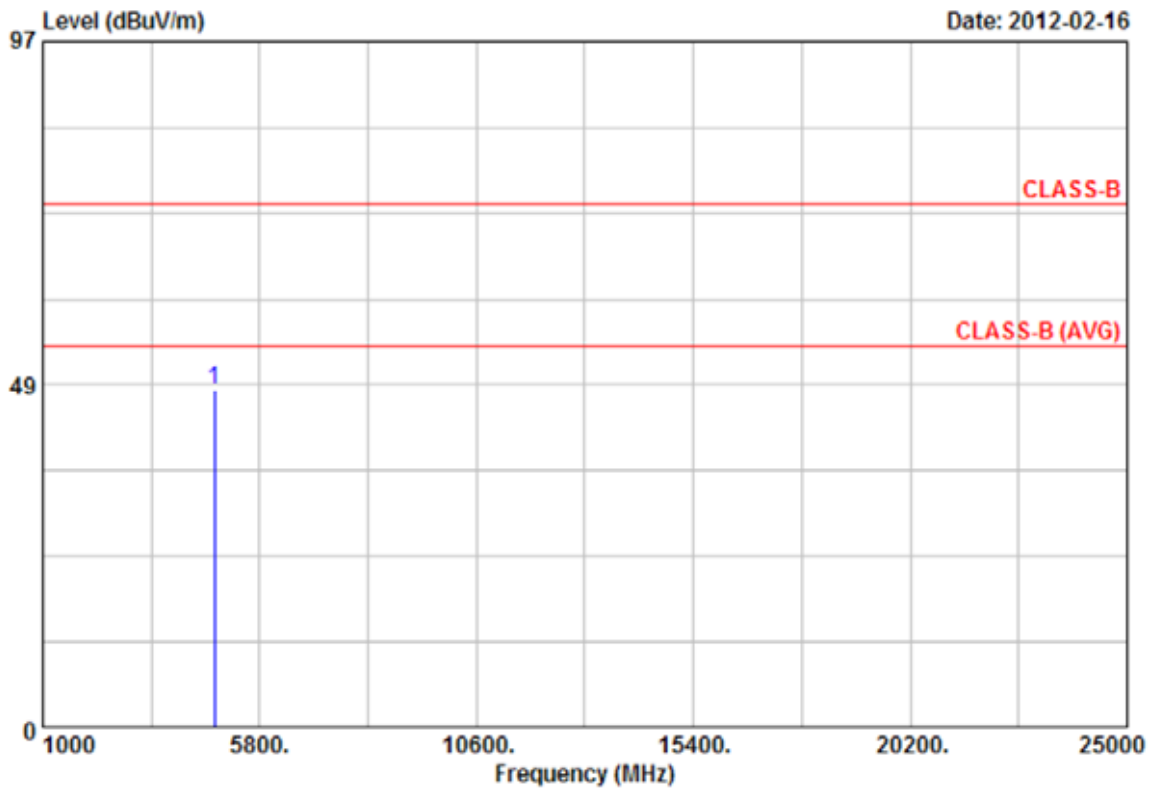


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	399.40	48.69	-9.28	39.41	46.00	-6.59	Peak	100	0
2	588.40	34.54	1.82	36.36	46.00	-9.64	Peak	100	0
3	702.50	35.26	2.22	37.48	46.00	-8.52	Peak	100	0
4	797.00	32.71	5.98	38.69	46.00	-7.31	Peak	100	0
5	832.00	30.45	8.70	39.15	46.00	-6.85	Peak	100	0
6	930.00	35.33	6.82	42.15	46.00	-3.85	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



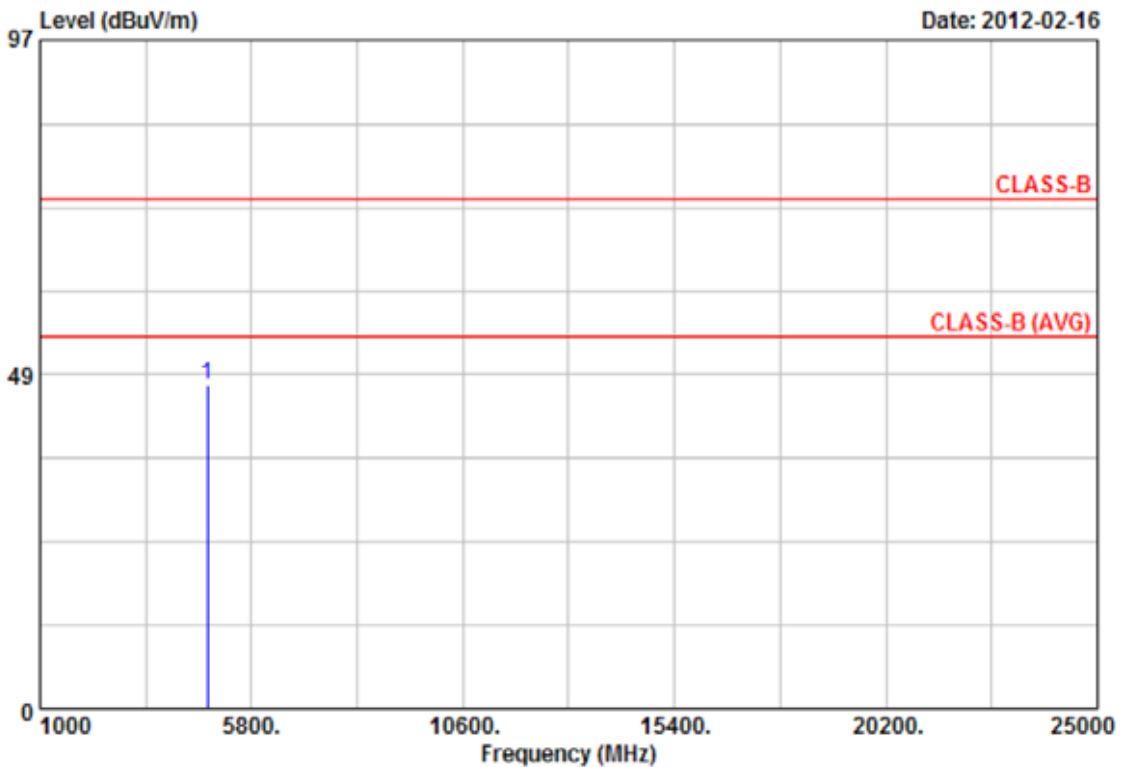
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.15	42.71	5.22	47.93	74.00	-26.07	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



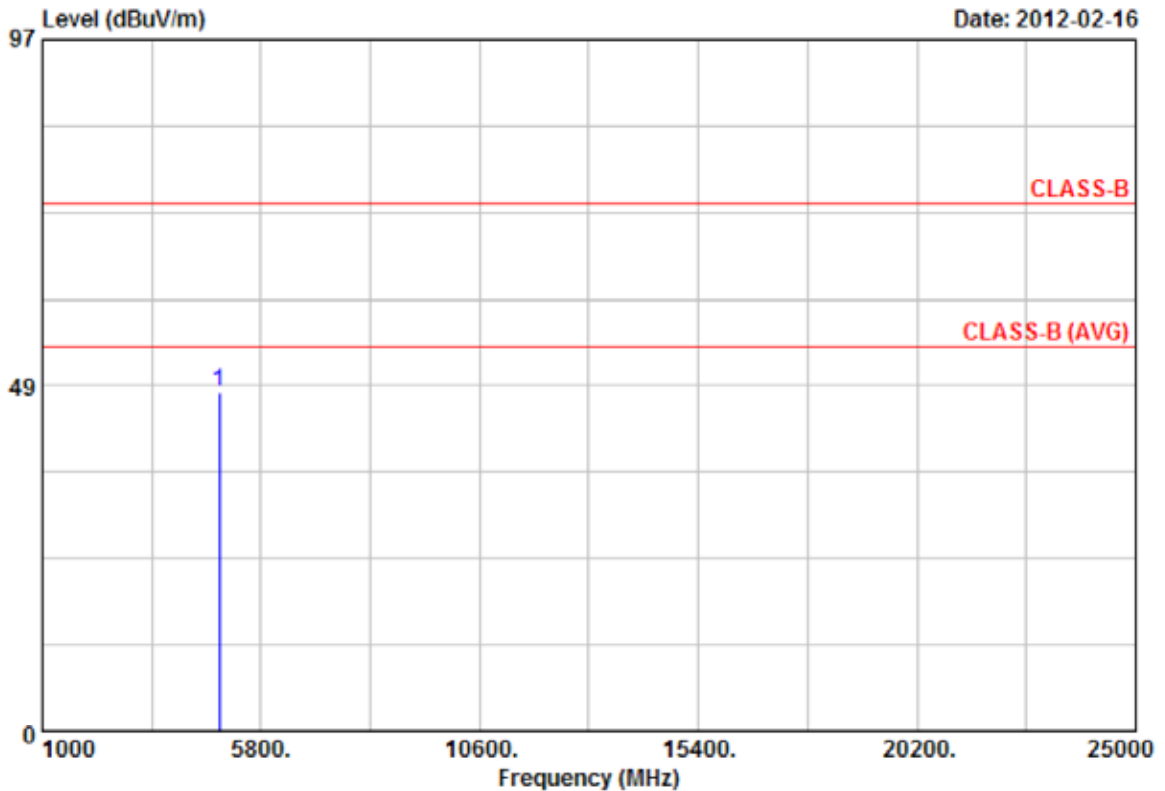
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4803.54	43.46	3.62	47.08	74.00	-26.92	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



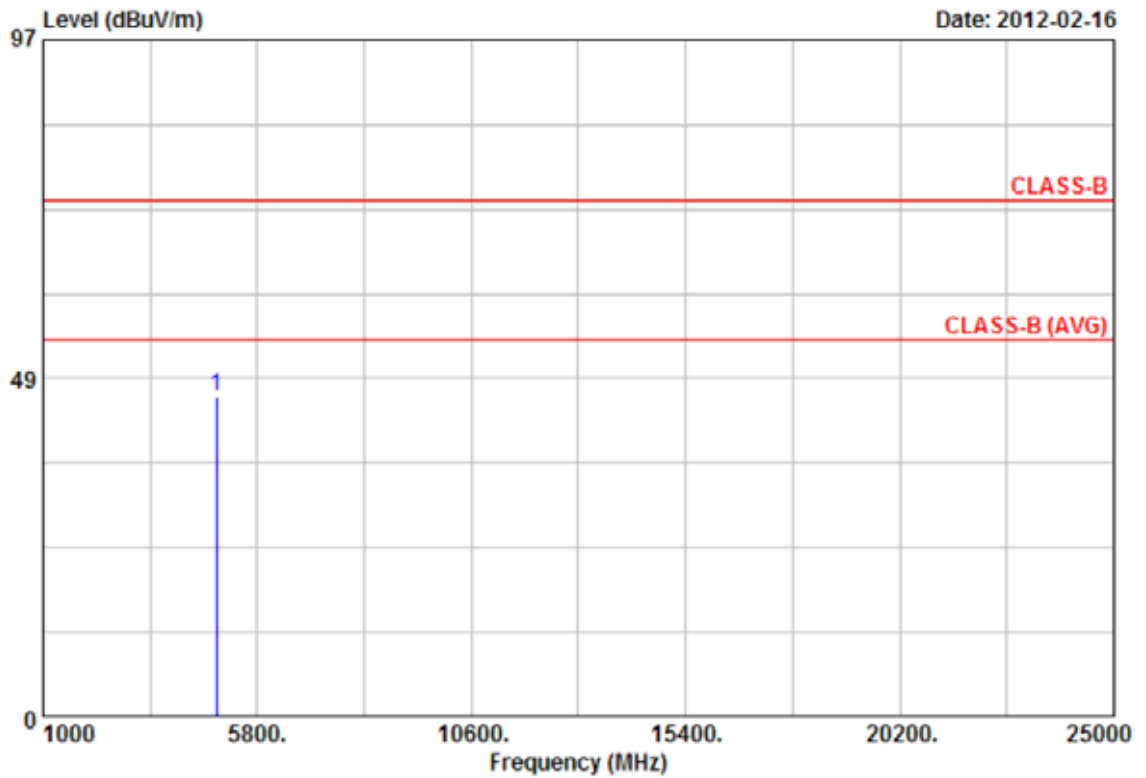
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4882.98	40.68	6.77	47.45	74.00	-26.55	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 39	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



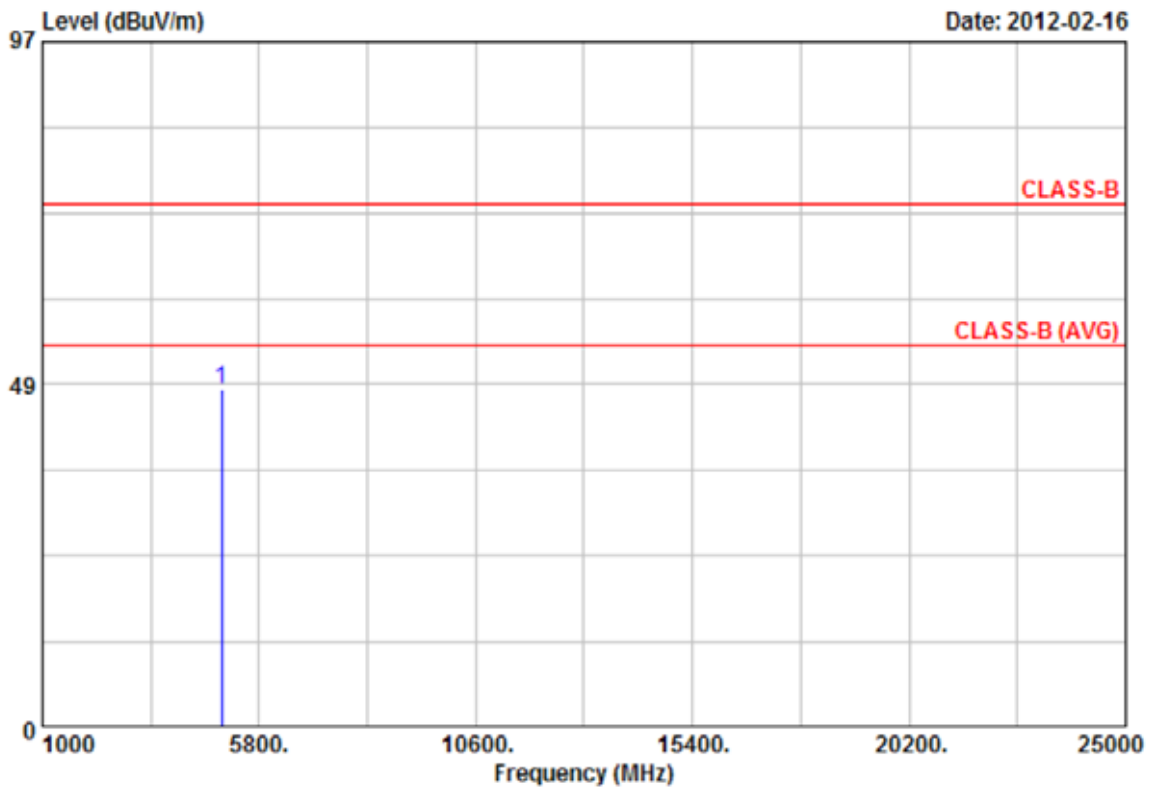
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4881.17	41.15	4.85	46.00	74.00	-28.00	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



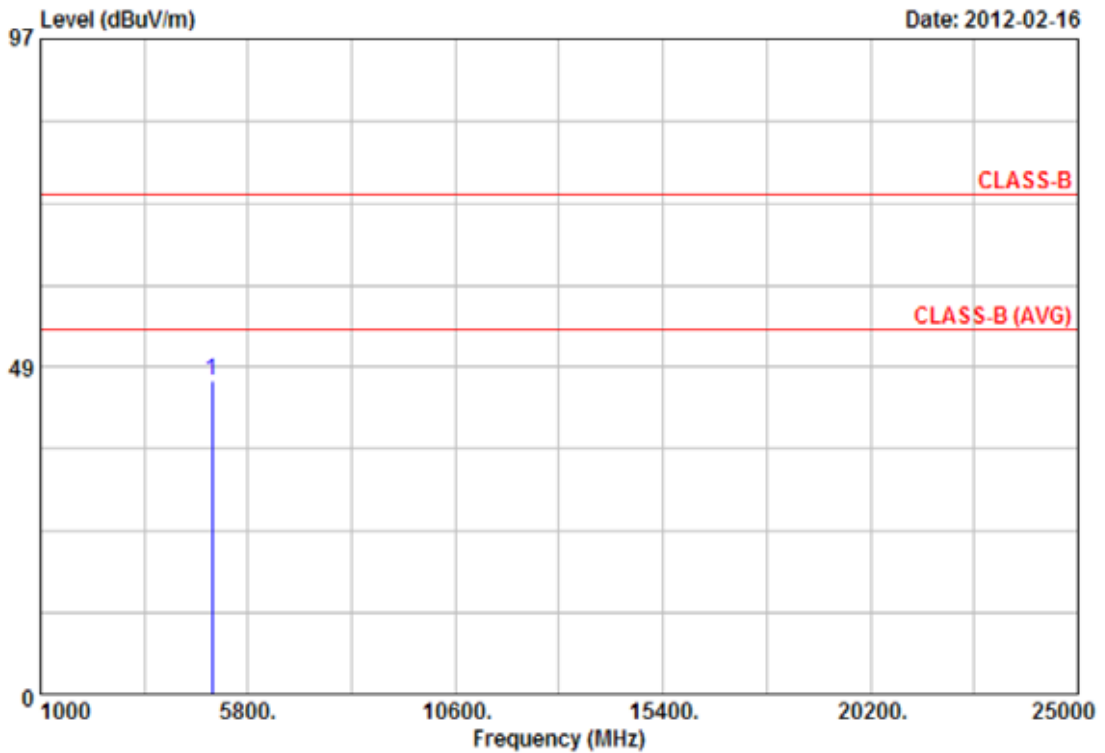
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4959.68	40.47	7.26	47.73	74.00	-26.27	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 78	Humidity	: 68 %
Modulation Type	: 8DPSK	Atmospheric Pressure	: 1020 hPa
Rate	: 3 Mbps		



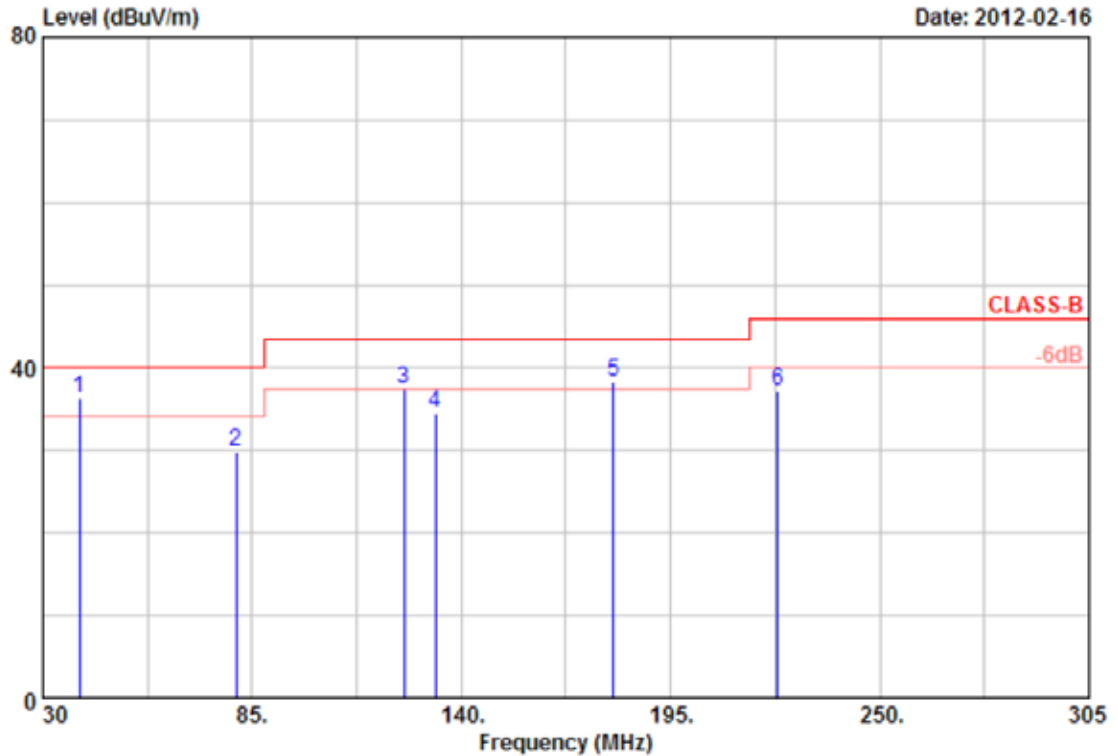
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.23	41.31	5.16	46.47	74.00	-27.53	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

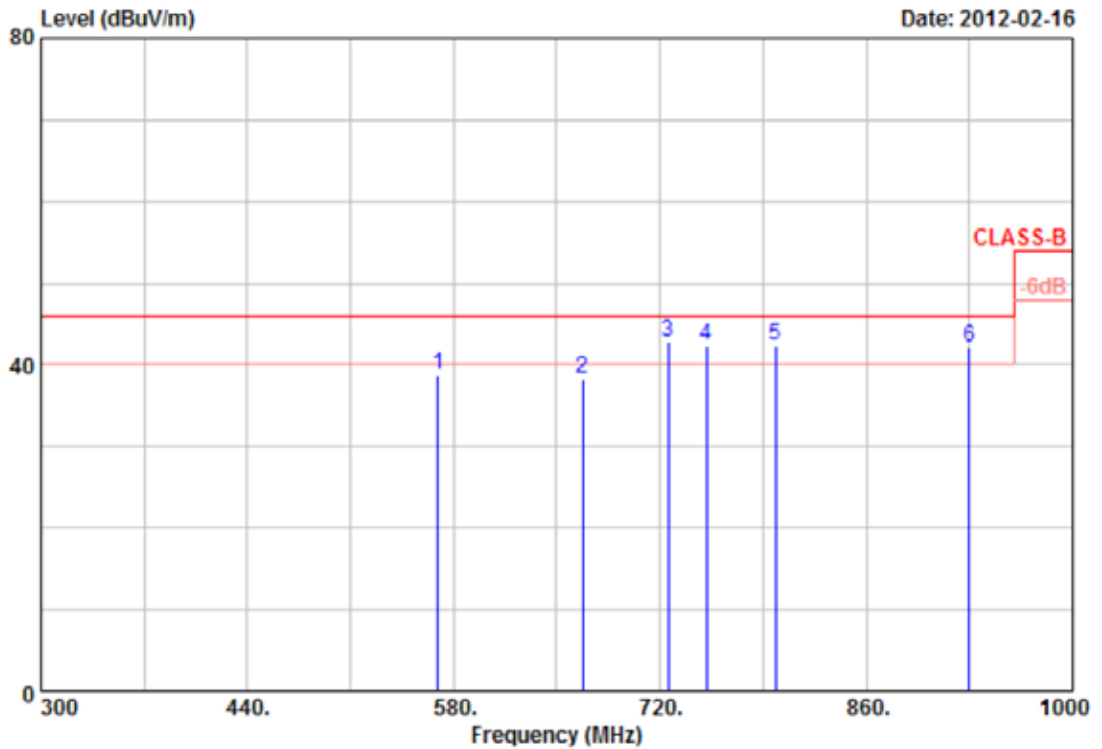


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	39.63	38.02	-1.60	36.42	40.00	-3.58	QP	100	360
2	80.88	37.41	-7.48	29.93	40.00	-10.07	Peak	100	360
3	124.88	42.38	-4.91	37.47	43.50	-6.03	Peak	100	360
4	133.13	41.52	-6.90	34.62	43.50	-8.88	Peak	100	360
5	179.88	43.29	-5.06	38.23	43.50	-5.27	QP	100	360
6	223.05	43.82	-6.49	37.33	46.00	-8.67	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

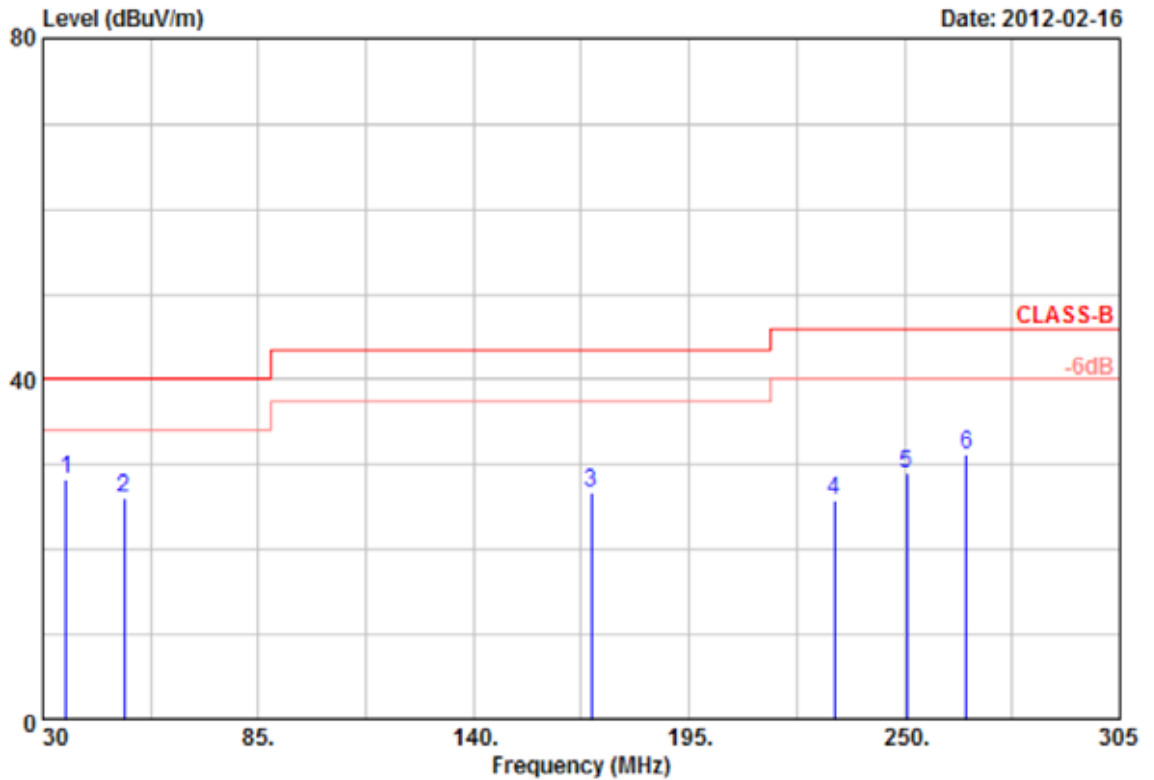


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	569.50	31.21	7.60	38.81	46.00	-7.19	Peak	100	0
2	667.50	39.77	-1.54	38.23	46.00	-7.77	Peak	100	0
3	725.60	36.61	6.12	42.73	46.00	-3.27	QP	100	0
4	751.50	37.87	4.51	42.38	46.00	-3.62	QP	100	0
5	798.40	36.62	5.82	42.44	46.00	-3.56	QP	100	0
6	930.00	33.40	8.73	42.13	46.00	-3.87	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

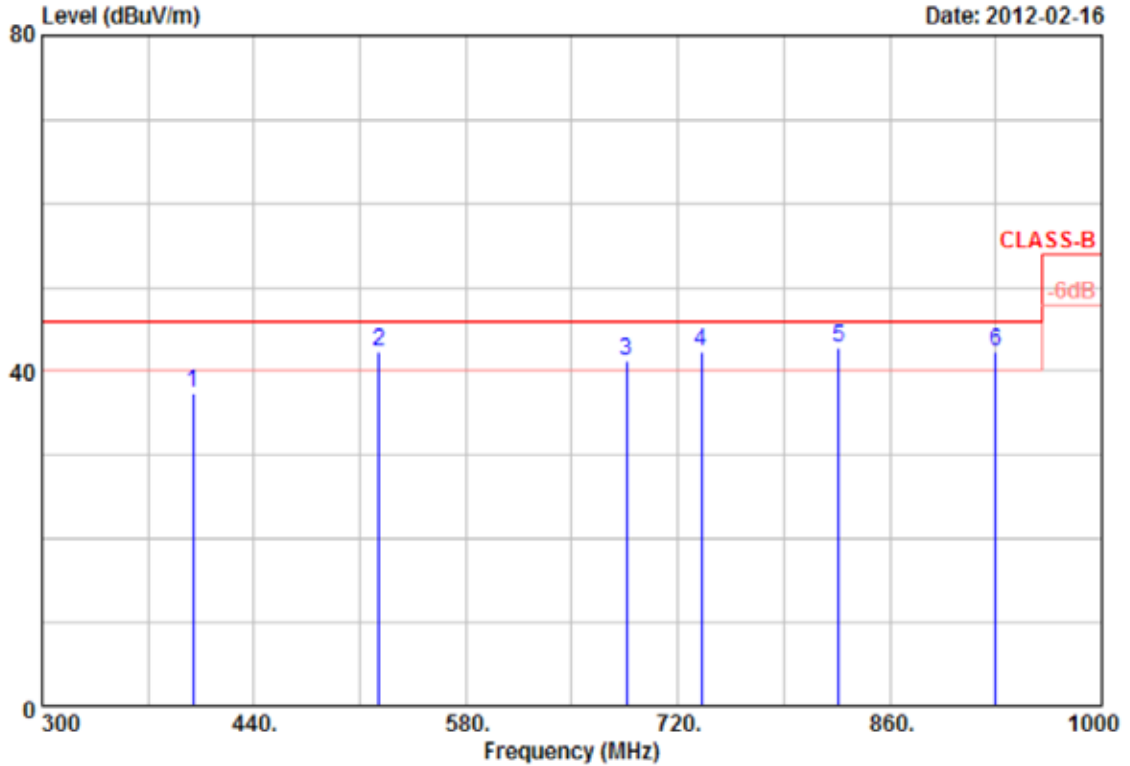


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	35.02	-6.78	28.24	40.00	-11.76	Peak	100	360
2	50.63	35.49	-9.38	26.11	40.00	-13.89	Peak	100	360
3	169.98	37.69	-10.97	26.72	43.50	-16.78	Peak	100	360
4	232.13	40.51	-14.72	25.79	46.00	-20.21	Peak	100	360
5	250.55	42.40	-13.52	28.88	46.00	-17.12	Peak	100	360
6	265.95	45.07	-13.91	31.16	46.00	-14.84	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		

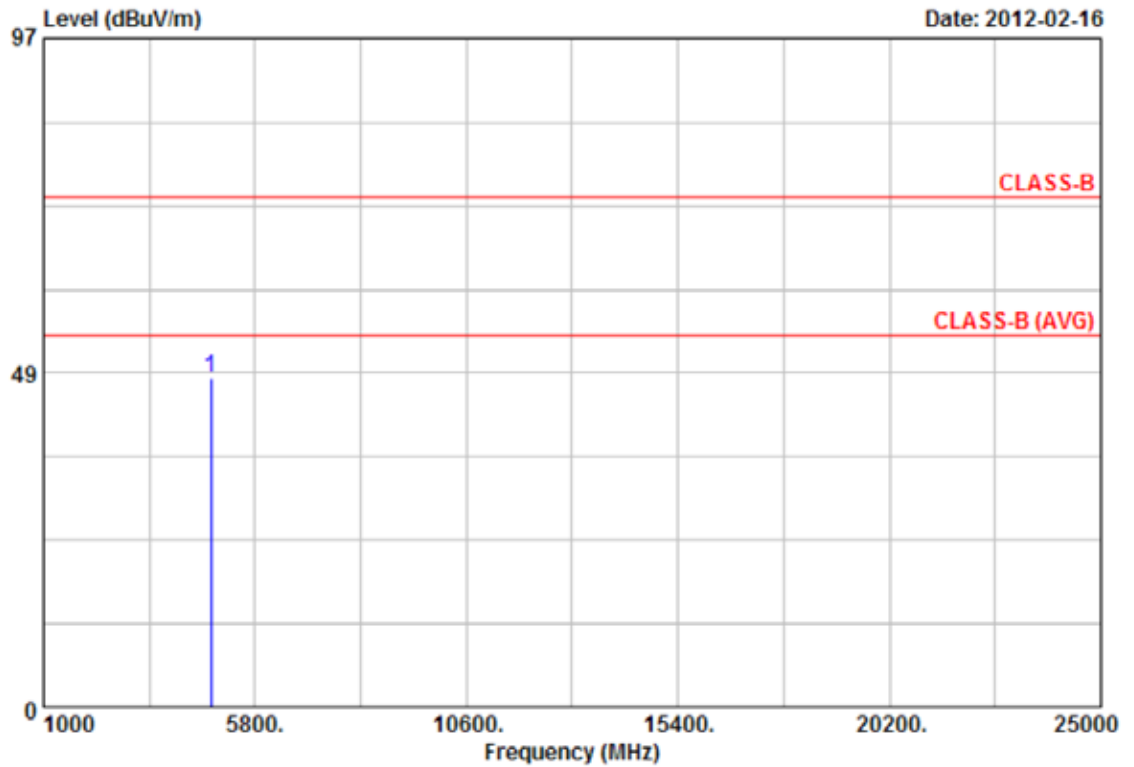


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	399.40	46.76	-9.28	37.48	46.00	-8.52	Peak	100	0
2	522.60	40.94	1.30	42.24	46.00	-3.76	QP	100	0
3	686.40	38.90	2.36	41.26	46.00	-4.74	QP	100	0
4	735.40	38.52	3.83	42.35	46.00	-3.65	QP	100	0
5	826.40	34.76	8.04	42.80	46.00	-3.20	QP	100	0
6	930.00	35.50	6.82	42.32	46.00	-3.68	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of BT mode at channel 0,39,78 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



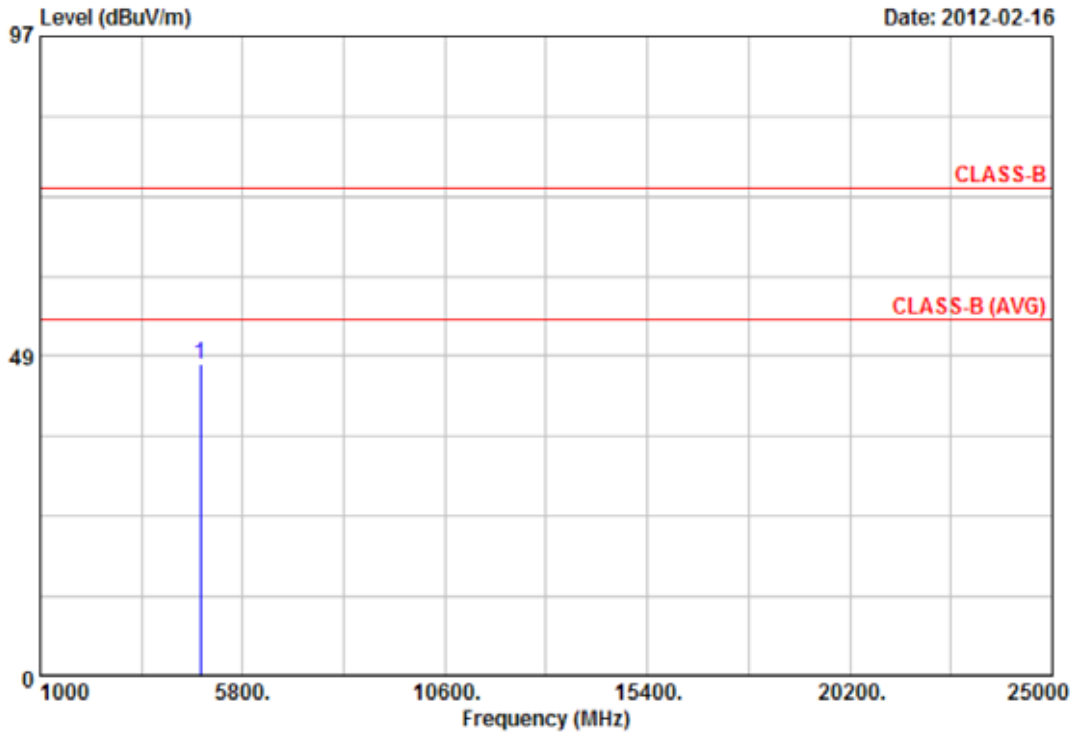
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4803.70	42.67	5.21	47.88	74.00	-26.12	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 20 °C
Operation Channel	: 0	Humidity	: 68 %
Modulation Type	: GFSK	Atmospheric Pressure	: 1020 hPa
Rate	: 1 Mbps		



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.06	43.55	3.63	47.18	74.00	-26.82	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.