FCC-DOC COMPLIANCE REPORT

Test Report No. : EM/2014/50078

Applicant	**: SHARP CORPORATION**
Address	**: 22-22, Nagaike-cho, Abeno-ku, CS & Env. Promotion Div. Quality Compliance Dept. Osaka 545-8522, Japan**
Manufacture	**: SHARP CORPORATION**
Address	**: 2-13-1, HACHIHONMATSU-IIDA, HIGASHI-HIROSHIMA-SHI, HIROSHIMA PREFECTURE , 739-0192, JAPAN**

Equipment Under Test (EUT) :

Product Name	**: Smart Phone**
Brand Name	**: SHARP**
Model No.	**: HR00204**
Added Model(s)	**: N/A**
FCC ID	**: APYHRO00204**

Standards : FCC Part 15:2013, Subpart B, Class B

Date of Receipt	**: May 26, 2014**
Date of Test	**: Jun. 13~ 18, 2014**
Date of Issue	**: Jul. 03, 2014**

Test Result :	**PASS**

In the configuration tested, the EUT complied with the standards specified above.

Remarks :

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report shall not be reproduced except in full, without the written approval of the laboratory. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Tested By:	Eddy Cheng	***Date***	Jul. 03, 2014
	Eddy Cheng(Engineer)		
Approved By	Victor Wen	***Date***	Jul. 03, 2014
	Victor Wen(Assistant Manager)		

Version

Version No.	Description	Date
00	Original report	Jul. 03, 2014

Contents

1. General Information

1.1 Applicant & Manufacturer Information

Applicant	: SHARP CORPORATION
Address of Applicant	: 22-22, Nagaike-cho, Abeno-ku, CS & Env. Promotion Div. Quality Compliance Dept. Osaka 545-8522, Japan
Manufacturer	: SHARP CORPORATION
Address of Manufacturer	: 2-13-1, HACHIHONMATSU-IIDA, HIGASHI-HIROSHIMA-SHI, HIROSHIMA PREFECTURE , 739-0192, JAPAN

1.2 General Description of EUT

Product Name	: Smart Phone
Brand Name	: SHARP
Model No.	: HR00204
Added Model(s)	: N/A
Model Difference	: N/A
FCC ID	: APYHRO00204

Bluetooth 4.0:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V4.0 (dual mode)
Channel number:	40 channels
Modulation type:	GFSK
Transmit Power:	6.19dBm (Peak)
Antenna Designation:	Integrated Antenna, -2.5dBi

Bluetooth:

Bluetooth Version:	☒ V4.0 (dual mode)
Frequency Range:	2402 – 2480MHz
Channel number:	79 channels max.
Rated Power:	6.29 dBm (Peak)
Modulation type:	GFSK + π/4DQPSK + 8DPSK
Dwell Time:	<=0.4s
Antenna Designation:	Integrated Antenna, -2.5dBi

WLAN 2.4GHz:

Wi-Fi	Frequency Range	Channels	Rated Power (Peak)	Modulation Technology
11b/g	2412-2462	11	b: 16.96dBm g: 21.97dBm	DSSS OFDM
11n (2.4GHz)	HT20 2412-2462	11	n: 20.09dBm	OFDM
Antenna Designation:			Integrated Antenna, -2.5dBi	
Modulation type			CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM	
Transition Rate:			802.11 b: 1/2/5.5/11 Mbps; 802.11 g: 6/9/12/18/24/36/48/54 Mbps 802.11 n_20MHz: 6.5 – 65Mbps	

CDMA 2000/EVDO (BC0/1/10):

Cellular Phone Standards Frequency Range and Power.	Operating Frequency		Rated Power
	CDMA 2000 BC10	817.9 MHz – 823.1 MHz	24 dBm
	CDMA 2000 Cellular BC0	824.7 MHz– 848.31Hz	24 dBm
	CDMA 2000 PCS BC1	1851.25MHz-1908.75MHz	24 dBm
	CDMA 2000 EVDO BC10	817.9 MHz – 823.10 MHz	24 dBm
	CDMA 2000 EVDO Cellular BC0	824.7 MHz– 848.31Hz	24 dBm
	CDMA 2000 EVDO PCS BC1	1851.25MHz-1908.75MHz	24 dBm

LTE

	Operating Frequency		Rated Power
Cellular Phone Standards Frequency Range and Power	1.4MHz BW LTE-Band 25	1850.7MHz– 1914.3MHz	23dBm
	3MHz BW LTE-Band 25	1851.5MHz – 1913.5MHz	23dBm
	5MHz BW LTE-Band 25	1852.5MHz – 1912.5MHz	23dBm
	10MHz BW LTE-Band 25	1855.0MHz – 1910.0MHz	23dBm
	15MHz BW LTE-Band 25	1857.5MHz – 1907.5MHz	23dBm
	20MHz BW LTE-Band 25	1860.0MHz – 1905.0MHz	23dBm
	1.4MHz BW LTE-Band 26	814.7 MHz– 823.3 MHz	23dBm
	3MHz BW LTE-Band 26	815.5 MHz– 822.5 MHz	23dBm
	5MHz BW LTE-Band 26	816.5 MHz– 821.5 MHz	23dBm
	10MHz BW LTE-Band 26	819.0 MHz– 819.0 MHz	23dBm
	1.4MHz BW LTE-Band 26	824.7 MHz– 848.3 MHz	23dBm
	3MHz BW LTE-Band 26	825.5 MHz– 847.5 MHz	23dBm
	5MHz BW LTE-Band 26	826.5 MHz– 846.5 MHz	23dBm
	10MHz BW LTE-Band 26	829.0 MHz– 844.0 MHz	23dBm
	5MHz BW LTE-Band 41	2498.5MHz – 2687.5MHz	23dBm
	10MHz BW LTE-Band 41	2501.0MHz – 2685.0MHz	23dBm
	15MHz BW LTE-Band 41	2503.5MHz – 2682.5MHz	23dBm
	20MHz BW LTE-Band 41	2506.0MHz – 2680.0MHz	23dBm

1.3 Details of EUT

Data Cable (USB) : Model: QCNWGA044AFZZ, Supplier: LUXSAHRE

Power Supply : 3.8Vdc Rechargeable Li-ion Battery or 5Vdc from AC/DC Adapter

Battery: Model: UBATIA246AFN1, Supplier: SONY

Adapter: Model No.: XN-2QC25, Supplier: Salom

Maximum Clock Frequency : 2680 MHz

HR00204	*Config 1*	*Config 2*	*Config 3*
Applicable standard	FCC 15B		
Accessories	EUT + AC Adaptor(Main) +USB Cable +PHF	EUT + AC Adaptor(Main) +USB Cable +PHF	EUT +USB Cable +PHF
Main function	*EVDO/LTE*	*FM*	*Data Link*
Additional function	WIFI+BT		
Description			
radiated emission	EVDO BC0/BC1/BC10; LTE B25/B26/B41; Recording mode (Front/Back); H Patten + 1 kz	FM 88.1; 98.1;107.9 MHz	Data R/W
conducted emission (AC Power)	EVDO BC0/BC1/BC10; LTE B25/B26/B41; Recording mode (Front/Back); H Patten + 1 kHz	FM 88.1; 98.1;107.9 MHz	Data R/W

*Worst case mode: Config 1 EVDO BC10 for Conducted Emission.

Worst case mode:Config 3 for Radiated Emission.

1.4 Operation Procedure

Config 1 EVDO BC0 / BC1 / BC10

Config 1 LTE B25 / B26 / B41

1. Connected the headset and the adapter, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. The base station simulator switch to test mode corresponding band. After the EUT connected and registered to the base station simulator, start up the phone function and dial-up connected to the base station simulator.
5. Start testing.

Config 1 Recording mode (Front/Back)

1. Connected the headset and the adapter, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. Start up the camera function, select the recording mode, set lens to front or back of lens, and excute the record function.
5. Start testing.

Config 1 H Patten + 1 kHz

1. Connected the headset and the adapter, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. Start up "Play Music" app, select sound file 1 kHz and play.
5. Start up "H_White on Black" file, so that the screen is full of white on black H.
6. Start testing.

Config 2 FM 88.1 MHz / 98.1 MHz / 107.9 MHz

1. Connected the headset and the adapter, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. EUT execute "FM Radio New" app.
5. FM signal generator and the EUT are adjusted FM frequency to the frequency, corresponding to the desired test mode, EUT can hear the sound of 1 kHz.
6. Start testing.

Config 3 Data R/W (Write)

1. Connected the headset and the adapter, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. Copy files from the Notebook's hard drive to EUT, and connected to the notebook generating storage devices (built-in storage device / Micro SD card).
5. Start testing.

Config 3 Data R/W (Read)

1. Connected the headset and the Notebook, booting EUT then placed it in the center of the edge of the table.
2. Start up EUT Bluetooth function and connect to Bluetooth Speaker.
3. Start up EUT Wifi function and connected to the wireless AP.
4. EUT connected to the notebook's generating storage devices (built-in storage device / Micro SD card) and copy files to the Notebook hard drive.
5. Start testing.

1.5 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
Printer	HP	C8952D	CN34L1816T
Mouse	Lenovo	MOEUUO	44Pd564
NOTEBOOK	Lenovo	L412	0585AD9
Earphone	Apple	N/A	N/A
Wireless AP	BUFFALO	WHR-HP-G54	84074786280927
BT Speaker	Creative	D200	N/A
Radio Communication Analyzer (1)	R&S	CMU200	N/A
Radio Communication Analyzer (2)	Anritsu	MT8820C	6201107337
TMC/FM SG	Levear	VP-8194D	0821170LA

1.6 Modification List

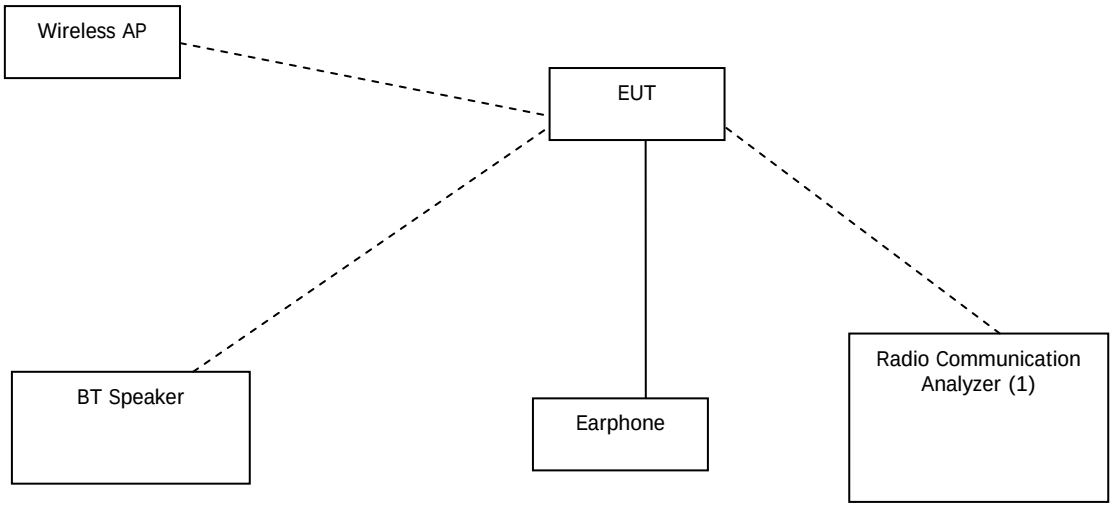
No modification was made by SGS Taiwan Electronics & Communication Laboratory.

1.7 Cable List

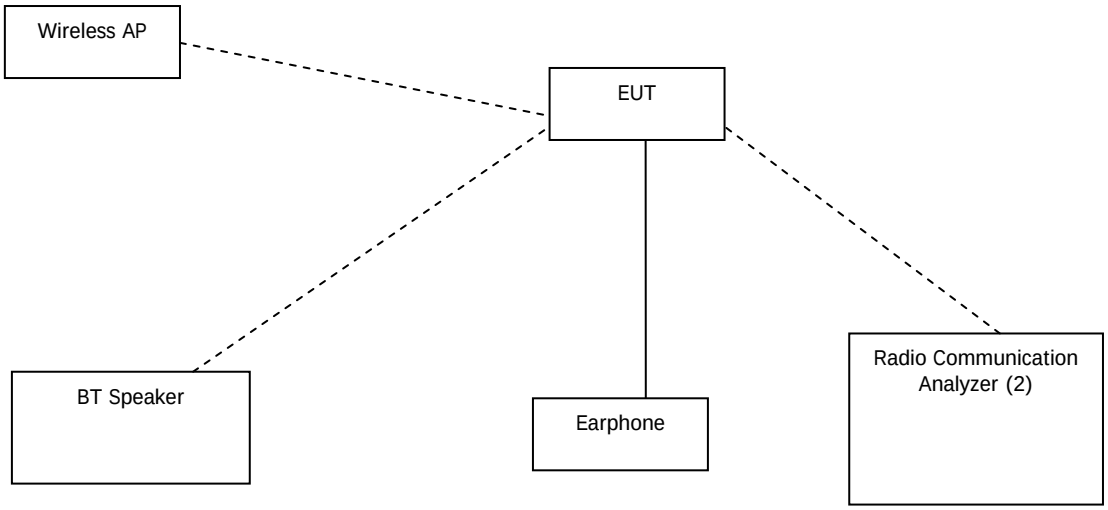
Cable Type	Length	Shielding/Non-shielding
USB cable	1.0 m	Shielding
Earphone	1.0 m	Non-shielding

1.8 Test Set-Up Configuration

Config 1 EVDO BC0 / BC1 / BC10

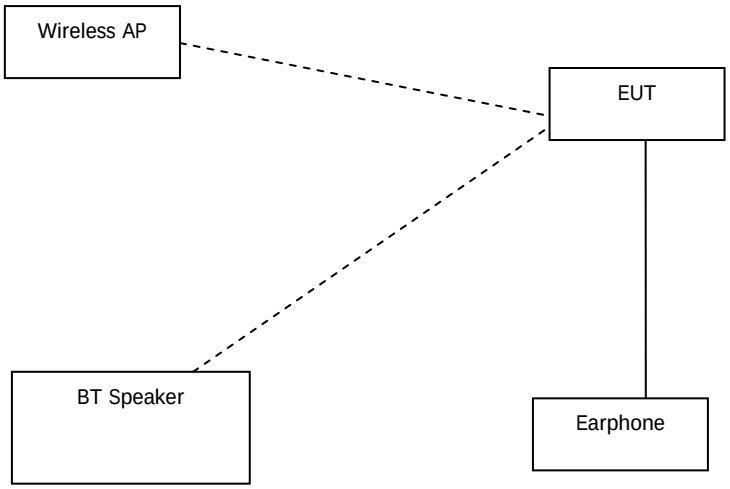


Config 1 LTE B25 / B26 / B41



Config 1 Recording mode (Front/Back)

Config 1 H Patten + 1 kHz



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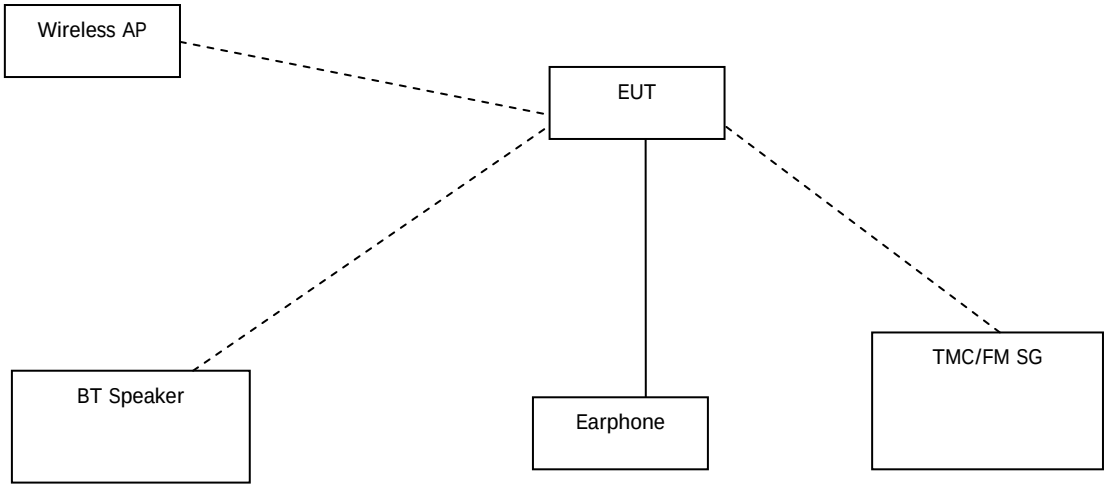
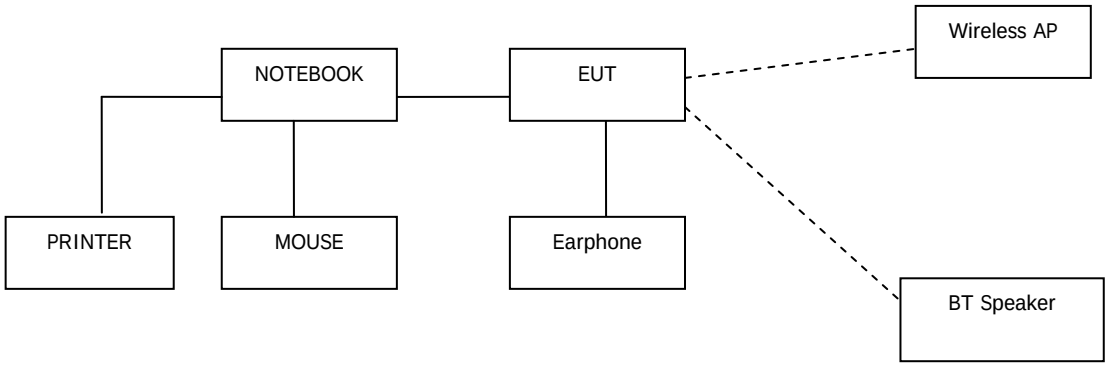


Config3



1.9 Measurment Procedure

Conducted Emission Testing was performed according to ANSI C63.4:2009 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4:2009 at the 10m semi-anechoic chamber. The EUT was placed on a 0.8m high table along with the peripherals. The turn table was placed 10m distance from the antenna. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for production of maximum emission.

The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Maximum emission levels are then reported.

1.10 Standards Applicable for Testing

Tests to be carried out under FCC Part 15, Subpart B

Test Standards	Status
FCC Part 15, Subpart B	Applicable
Deviation from Standard	No deviation

1.11 Summary of Results

Highest Emission					
Standard	**Test Type**	**Result**	**Phase / Pol.**	**Frequency(MHz)**	**Margin(dB)**
FCC Part 15 Subpart B Class B / CISPR 22 Class B	Conducted Emission	PASS	Line	0.1500	-7.93(QP)
			Neutral	0.1500	-11.35(QP)
	Radiated Emission	PASS	Hor.	144.4750	-3.63(QP)

2. EMISSION

2.1 Test Results

	Results
Conducted Emission	**Pass**
Radiated Emission	**Pass**

2.2 Frequency Range

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

2.3 Limits of Conducted and Radiated Emission

2.3.1 Limits of Conducted Emission for FCC Part 15, Subpart B/CISPR 22

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi - peak	Average	Quasi - peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Note : (1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

2.3.2 Limits of Radiated Emissions for FCC Part 15, Subpart B/CISPR 22

FCC Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m) dBuV/m	Class B (at 3m) dBuV/m
30~88	39	40
88~216	43.5	43.5
216~960	46.44	46
Above 960	49.54	54

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV) (at 3m)		Class B (dBuV) (at 3m)	
	Peak	Average	Peak	Average
Above 1000	79.3	59.3	73.9	53.9

CISPR Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m) dBuV/m	Class B (at 10m) dBuV/m
30-230	40	30
230-1000	47	37

- Detector Function : Peak , Average – Class A

Frequency range GHz	Average Limit dB(μV/m)	Peak Limit dB(μV/m)
1 to 3	56	76
3 to 6	60	80

- Detector Function : Peak , Average – Class B

Frequency range GHz	Average Limit dB(μV/m)	Peak Limit dB(μV/m)
1 to 3	50	70
3 to 6	54	74

Note : The lower limit applies at the transition frequency.

2.4.Test of Conducted Emission

2.4.1 Test Equipments

SGS Wuku Conducted Emission Test Site					
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Date**	**Calibration Due**
EMI Test Receiver	R&S	ESCI 3	100335	Jan. 11, 2014	Jan. 10, 2015
Coaxial Cables	N/A	WK CE Cable	N/A	Nov. 26, 2013	Nov. 25, 2014
LISN	SCHWARZBECK	NSLK 8127	8127-649	May 02, 2014	May 01, 2015
LISN	FCC	FCC-LISN-50/250-25-2-01	04034	Mar. 19, 2014	Mar. 18, 2015
Communication Tester	R&S	CMU200	114669	Dec. 06, 2013	Dec. 05, 2014
Communication Tester	Anritsu	MT8820C	6200995019	Oct. 21,2013	Oct. 20,2014
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

2.4.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803

2.4.3 Operating Environment

Temperature : 26 degree C Humidity : 60 %RH

Atmospheric Pressure : 992 mBar

2.4.4 Measurement Uncertainty of Conducted Emission

Expanded uncertainty (K=2) of conducted emission is 2.28 dB.

2.4.5 Measurement Level Calculation

Factor = LISN insertion loss + Cable loss

Measurement Level = Reading Level + Factor

2.4.6 Measurement Data:

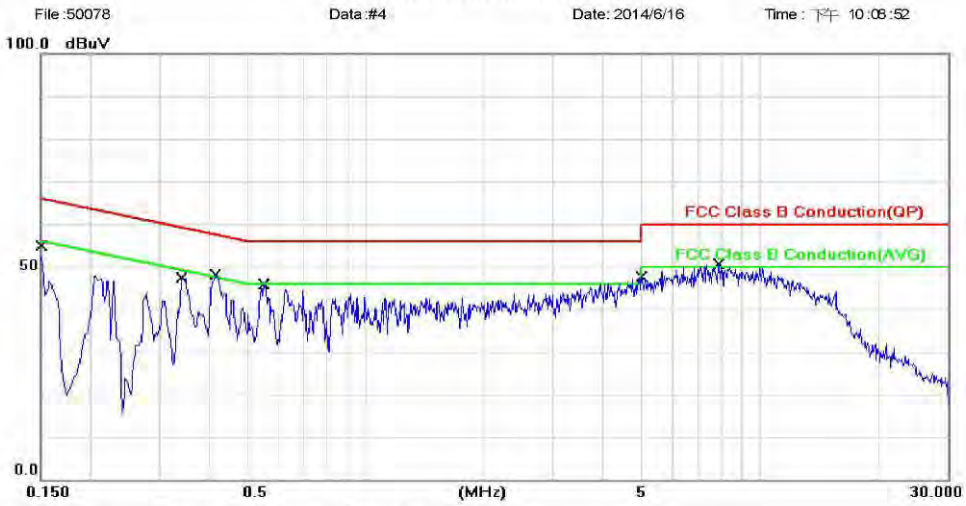
Operation Mode:	Config 1 EVDO BC0	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC0
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	48.00	0.07	48.07	66.00	-17.93	QP	
2		0.1500	28.10	0.07	28.17	56.00	-27.83	AVG	
3		0.3420	45.30	0.07	45.37	59.15	-13.78	QP	
4		0.3420	32.60	0.07	32.67	49.15	-16.48	AVG	
5		0.4180	46.20	0.07	46.27	57.49	-11.22	QP	
6	*	0.4180	36.50	0.07	36.57	47.49	-10.92	AVG	
7		0.5540	43.70	0.07	43.77	56.00	-12.23	QP	
8		0.5540	30.70	0.07	30.77	46.00	-15.23	AVG	
9		5.0000	39.50	0.19	39.69	56.00	-16.31	QP	
10		5.0000	30.30	0.19	30.49	46.00	-15.51	AVG	
11		7.8580	42.00	0.26	42.26	60.00	-17.74	QP	
12		7.8580	30.80	0.26	31.06	50.00	-18.94	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#4 Page: 1

Operation Mode:	Config 1 EVDO BC0	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

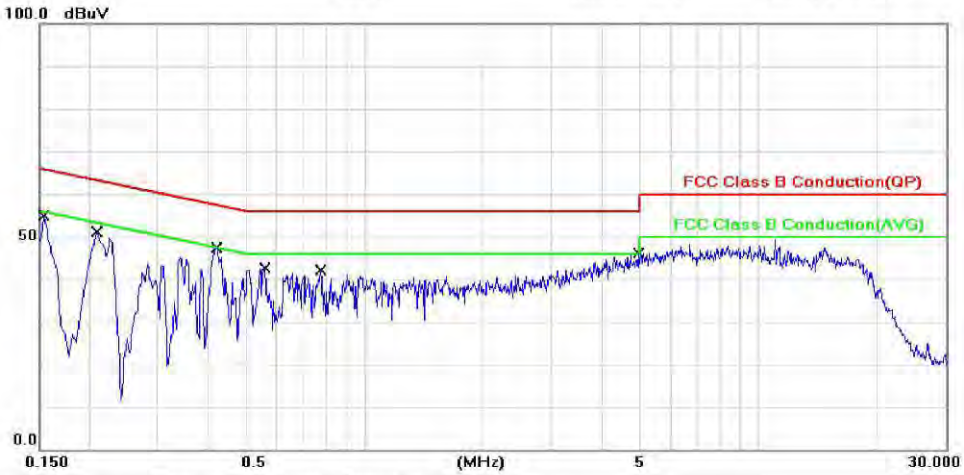
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC0
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#3 Date: 2014/6/16 Time : 下午 10:05:11



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	49.70	0.05	49.75	65.78	-16.03	QP	
2		0.1540	23.70	0.05	23.75	55.78	-32.03	AVG	
3		0.2100	47.90	0.06	47.96	63.21	-15.25	QP	
4		0.2100	34.60	0.06	34.66	53.21	-18.55	AVG	
5	*	0.4220	44.90	0.07	44.97	57.41	-12.44	QP	
6		0.4220	33.60	0.07	33.67	47.41	-13.74	AVG	
7		0.5620	37.30	0.08	37.38	56.00	-18.62	QP	
8		0.5620	25.50	0.08	25.58	46.00	-20.42	AVG	
9		0.7780	37.40	0.09	37.49	56.00	-18.51	QP	
10		0.7780	23.10	0.09	23.19	46.00	-22.81	AVG	
11		4.9660	39.70	0.19	39.89	56.00	-16.11	QP	
12		4.9660	27.80	0.19	27.99	46.00	-18.01	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#3 *Page: 1*

Operation Mode:	Config 1 EVDO BC1	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

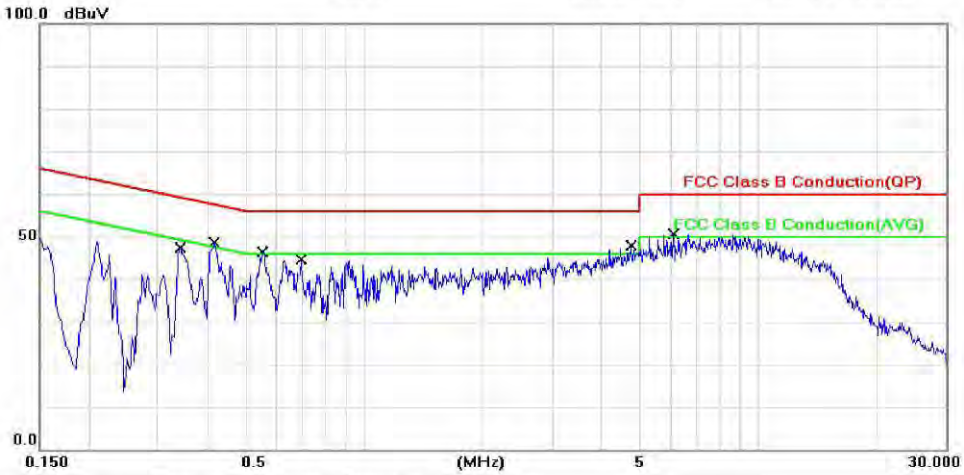
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC1
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#5 Date: 2014/6/16 Time : 下午 10:12:55



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3420	45.10	0.07	45.17	59.15	-13.98	QP	
2		0.3420	32.90	0.07	32.97	49.15	-16.18	AVG	
3		0.4180	46.10	0.07	46.17	57.49	-11.32	QP	
4	*	0.4180	36.60	0.07	36.67	47.49	-10.82	AVG	
5		0.5540	43.70	0.07	43.77	56.00	-12.23	QP	
6		0.5540	30.80	0.07	30.87	46.00	-15.13	AVG	
7		0.6900	40.70	0.07	40.77	56.00	-15.23	QP	
8		0.6900	28.60	0.07	28.67	46.00	-17.33	AVG	
9		4.7740	41.90	0.18	42.08	56.00	-13.92	QP	
10		4.7740	30.10	0.18	30.28	46.00	-15.72	AVG	
11		6.1020	43.40	0.22	43.62	60.00	-16.38	QP	
12		6.1020	31.90	0.22	32.12	50.00	-17.88	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#5 *Page: 1*

Operation Mode:	Config 1 EVDO BC1	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC1
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

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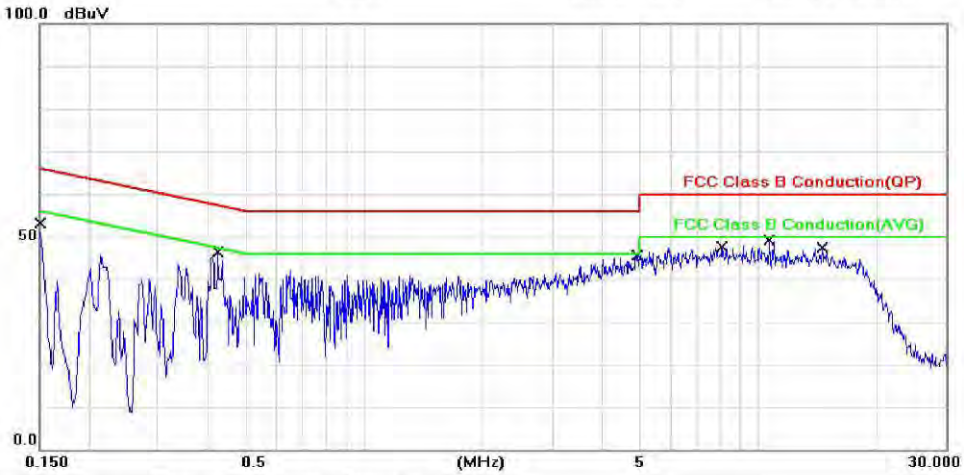


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.30	0.05	47.35	66.00	-18.65	QP	
2		0.1500	25.10	0.05	25.15	56.00	-30.85	AVG	
3	*	0.4260	42.20	0.07	42.27	57.33	-15.06	QP	
4		0.4260	29.40	0.07	29.47	47.33	-17.86	AVG	
5		4.9380	39.70	0.19	39.89	56.00	-16.11	QP	
6		4.9380	27.30	0.19	27.49	46.00	-18.51	AVG	
7		8.1340	40.90	0.28	41.18	60.00	-18.82	QP	
8		8.1340	29.60	0.28	29.88	50.00	-20.12	AVG	
9		10.6900	41.00	0.35	41.35	60.00	-18.65	QP	
10		10.6900	27.90	0.35	28.25	50.00	-21.75	AVG	
11		14.5740	38.90	0.45	39.35	60.00	-20.65	QP	
12		14.5740	26.00	0.45	26.45	50.00	-23.55	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#6 *Page: 1*

Operation Mode:	Config 1 EVDO BC10	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

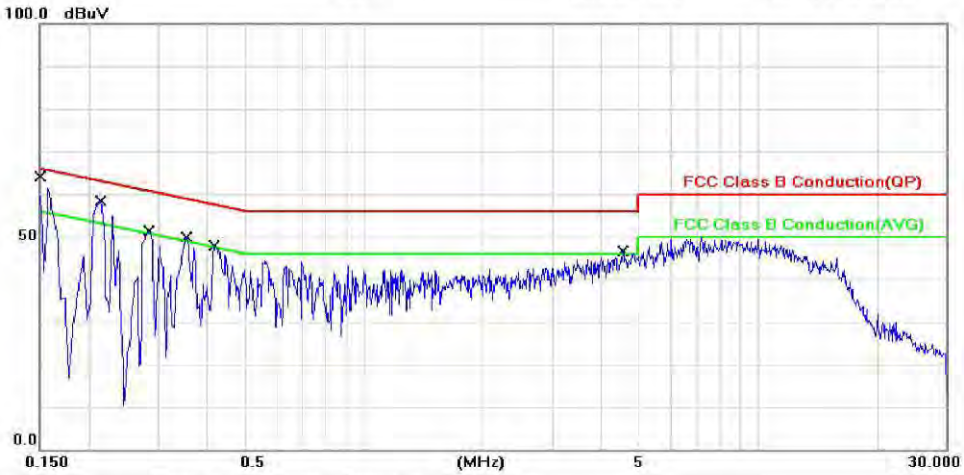
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC10
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

ConductedEmission

File :50078 Data :#1 Date: 2014/6/16 Time : 下午 09:56:50



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	58.00	0.07	58.07	66.00	-7.93	QP	
2		0.1500	37.20	0.07	37.27	56.00	-18.73	AVG	
3		0.2140	53.00	0.07	53.07	63.05	-9.98	QP	
4		0.2140	39.30	0.07	39.37	53.05	-13.68	AVG	
5		0.2860	45.10	0.07	45.17	60.64	-15.47	QP	
6		0.2860	30.00	0.07	30.07	50.64	-20.57	AVG	
7		0.3540	44.30	0.07	44.37	58.87	-14.50	QP	
8		0.3540	35.10	0.07	35.17	48.87	-13.70	AVG	
9		0.4180	45.80	0.07	45.87	57.49	-11.62	QP	
10		0.4180	34.80	0.07	34.87	47.49	-12.62	AVG	
11		4.5420	39.30	0.17	39.47	56.00	-16.53	QP	
12		4.5420	28.40	0.17	28.57	46.00	-17.43	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#1 *Page: 1*

Operation Mode:	Config 1 EVDO BC10	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

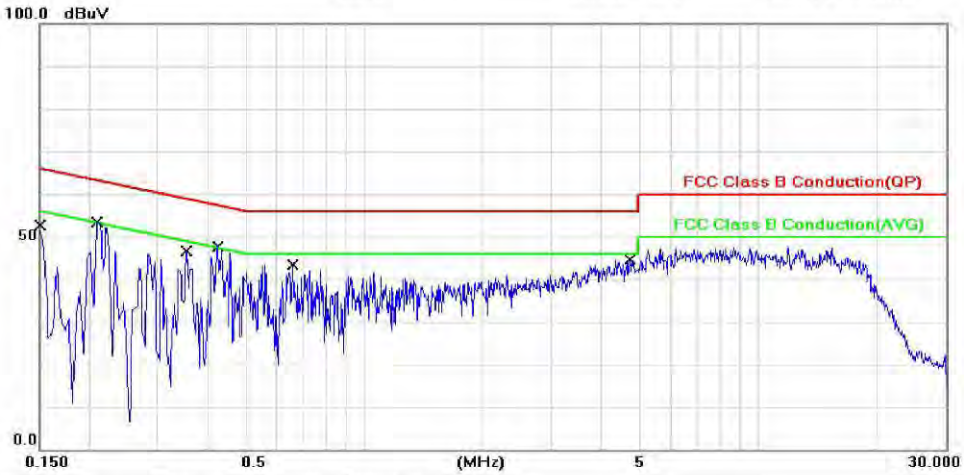
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 EVDO BC10
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#2 Date: 2014/6/16 Time : 下午 10:00:32



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	52.90	0.05	52.95	66.00	-13.05	QP	
2		0.1500	30.80	0.05	30.85	56.00	-25.15	AVG	
3	*	0.2100	50.70	0.06	50.76	63.21	-12.45	QP	
4		0.2100	36.50	0.06	36.56	53.21	-16.65	AVG	
5		0.3540	42.70	0.07	42.77	58.87	-16.10	QP	
6		0.3540	29.90	0.07	29.97	48.87	-18.90	AVG	
7		0.4260	44.10	0.07	44.17	57.33	-13.16	QP	
8		0.4260	31.80	0.07	31.87	47.33	-15.46	AVG	
9		0.6580	36.60	0.08	36.68	56.00	-19.32	QP	
10		0.6580	20.70	0.08	20.78	46.00	-25.22	AVG	
11		4.7420	38.40	0.19	38.59	56.00	-17.41	QP	
12		4.7420	26.70	0.19	26.89	46.00	-19.11	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#2 *Page: 1*

Operation Mode:	Config 1 LTE B25	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

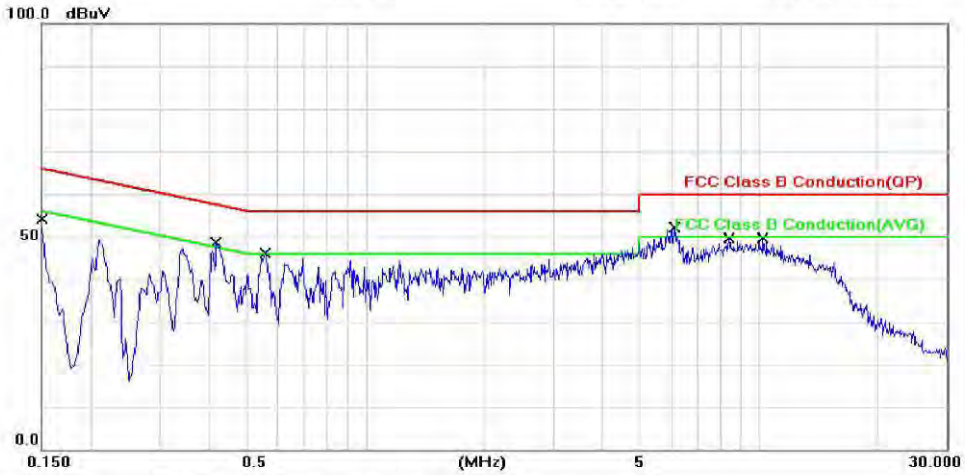
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B25
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#30 Date: 2014/6/17 Time : 下午 11 :51 :17



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.30	0.07	47.37	66.00	-18.63	QP	
2		0.1500	27.40	0.07	27.47	56.00	-28.53	AVG	
3		0.4180	46.20	0.07	46.27	57.49	-11.22	QP	
4	*	0.4180	36.50	0.07	36.57	47.49	-10.92	AVG	
5		0.5580	43.00	0.07	43.07	56.00	-12.93	QP	
6		0.5580	31.00	0.07	31.07	46.00	-14.93	AVG	
7		6.0900	46.30	0.22	46.52	60.00	-13.48	QP	
8		6.0900	34.20	0.22	34.42	50.00	-15.58	AVG	
9		8.3700	39.50	0.27	39.77	60.00	-20.23	QP	
10		8.3700	27.90	0.27	28.17	50.00	-21.83	AVG	
11		10.2380	41.60	0.33	41.93	60.00	-18.07	QP	
12		10.2380	27.70	0.33	28.03	50.00	-21.97	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#30 *Page: 1*

Operation Mode:	Config 1 LTE B25	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

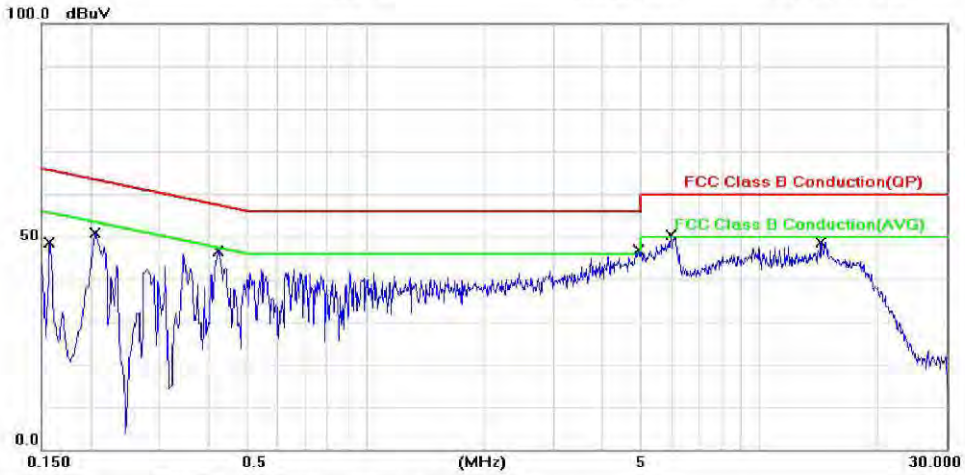
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B25
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#29 Date: 2014/6/17 Time : 下午 11:46:59



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	44.20	0.05	44.25	65.57	-21.32	QP	
2		0.1580	17.80	0.05	17.85	55.57	-37.72	AVG	
3		0.2060	46.30	0.06	46.36	63.37	-17.01	QP	
4		0.2060	32.00	0.06	32.06	53.37	-21.31	AVG	
5	*	0.4220	44.70	0.07	44.77	57.41	-12.64	QP	
6		0.4220	33.30	0.07	33.37	47.41	-14.04	AVG	
7		4.9460	41.20	0.19	41.39	56.00	-14.61	QP	
8		4.9460	28.60	0.19	28.79	46.00	-17.21	AVG	
9		5.9740	44.60	0.22	44.82	60.00	-15.18	QP	
10		5.9740	31.60	0.22	31.82	50.00	-18.18	AVG	
11		14.3700	39.40	0.44	39.84	60.00	-20.16	QP	
12		14.3700	26.30	0.44	26.74	50.00	-23.26	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#29 *Page: 1*

Operation Mode:	Config 1 LTE B26	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

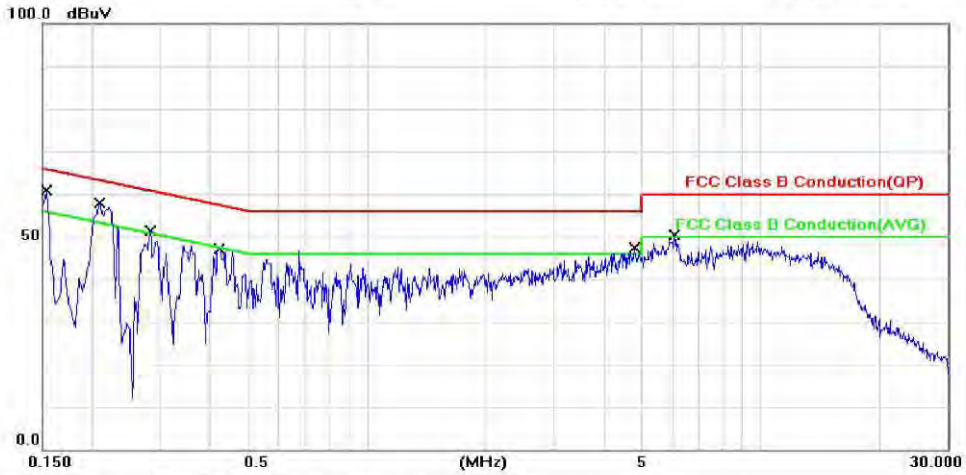
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B26
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#27 Date: 2014/6/17 Time : 下午 11:37:52



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	55.70	0.07	55.77	65.78	-10.01	QP	
2		0.1540	30.30	0.07	30.37	55.78	-25.41	AVG	
3	*	0.2100	54.50	0.07	54.57	63.21	-8.64	QP	
4		0.2100	40.70	0.07	40.77	53.21	-12.44	AVG	
5		0.2820	47.10	0.07	47.17	60.76	-13.59	QP	
6		0.2820	32.00	0.07	32.07	50.76	-18.69	AVG	
7		0.4220	45.10	0.07	45.17	57.41	-12.24	QP	
8		0.4220	36.30	0.07	36.37	47.41	-11.04	AVG	
9		4.8060	38.70	0.18	38.88	56.00	-17.12	QP	
10		4.8060	29.50	0.18	29.68	46.00	-16.32	AVG	
11		6.0620	42.60	0.21	42.81	60.00	-17.19	QP	
12		6.0620	32.70	0.21	32.91	50.00	-17.09	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#27 *Page: 1*

Operation Mode:	Config 1 LTE B26	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

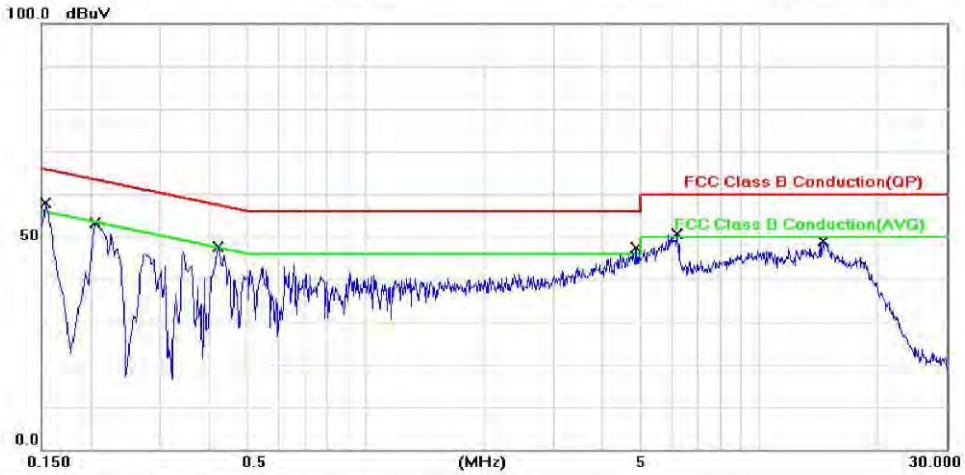
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B26
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#28 Date: 2014/6/17 Time : 下午 11:42:45



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	50.70	0.05	50.75	65.78	-15.03	QP	
2		0.1540	24.20	0.05	24.25	55.78	-31.53	AVG	
3		0.2060	48.30	0.06	48.36	63.37	-15.01	QP	
4		0.2060	33.00	0.06	33.06	53.37	-20.31	AVG	
5	*	0.4220	44.70	0.07	44.77	57.41	-12.64	QP	
6		0.4220	33.50	0.07	33.57	47.41	-13.84	AVG	
7		4.8940	39.20	0.19	39.39	56.00	-16.61	QP	
8		4.8940	27.90	0.19	28.09	46.00	-17.91	AVG	
9		6.1940	44.90	0.23	45.13	60.00	-14.87	QP	
10		6.1940	32.20	0.23	32.43	50.00	-17.57	AVG	
11		14.5500	39.50	0.44	39.94	60.00	-20.06	QP	
12		14.5500	26.40	0.44	26.84	50.00	-23.16	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#28 *Page: 1*

Operation Mode:	Config 1 LTE B41	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

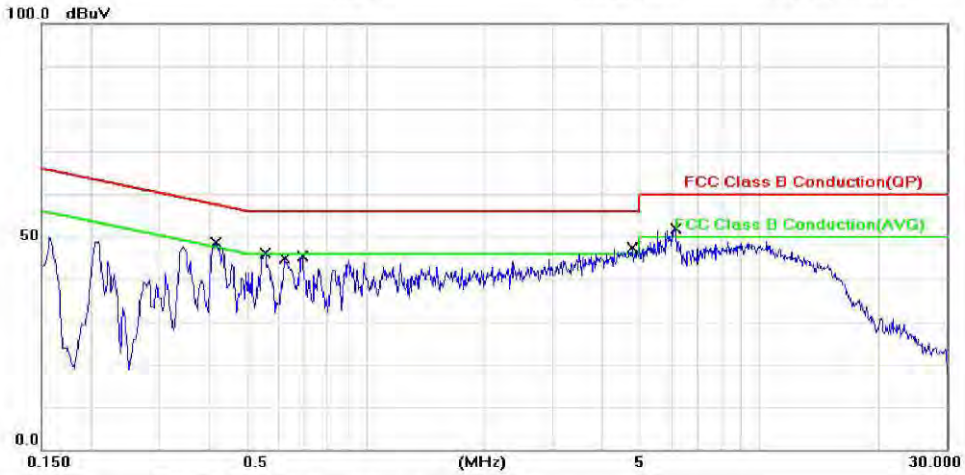
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B41
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#31 Date: 2014/6/17 Time : 下午 11:56:39



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4180	46.20	0.07	46.27	57.49	-11.22	QP	
2	*	0.4180	36.60	0.07	36.67	47.49	-10.82	AVG	
3		0.5580	43.00	0.07	43.07	56.00	-12.93	QP	
4		0.5580	30.90	0.07	30.97	46.00	-15.03	AVG	
5		0.6260	41.80	0.07	41.87	56.00	-14.13	QP	
6		0.6260	29.80	0.07	29.87	46.00	-16.13	AVG	
7		0.6900	41.00	0.07	41.07	56.00	-14.93	QP	
8		0.6900	28.70	0.07	28.77	46.00	-17.23	AVG	
9		4.7580	42.00	0.18	42.18	56.00	-13.82	QP	
10		4.7580	30.90	0.18	31.08	46.00	-14.92	AVG	
11		6.1420	43.90	0.22	44.12	60.00	-15.88	QP	
12		6.1420	33.50	0.22	33.72	50.00	-16.28	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#31 *Page: 1*

Operation Mode:	Config 1 LTE B41	Test Date:	Jun. 18, 2014
Tested By:	Jeffery Chou	Pol.:	N

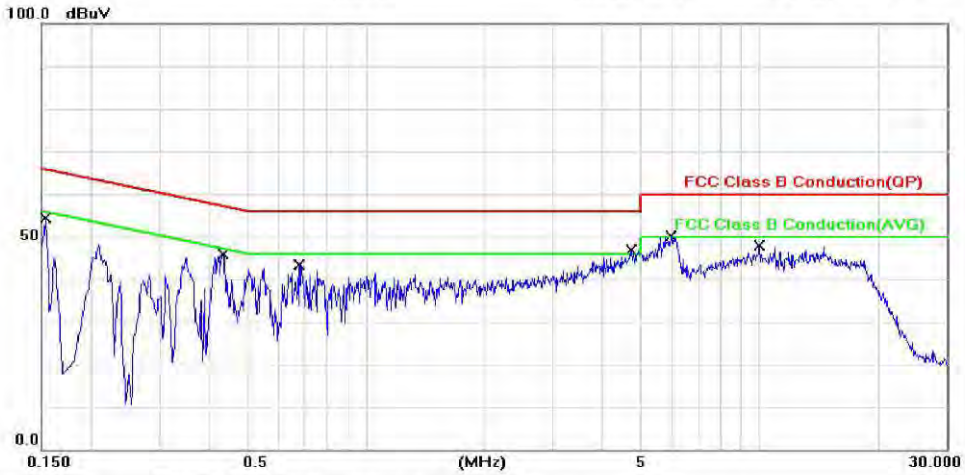
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 LTE B41
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#32 Date: 2014/6/18 Time : 上午 12:00:47



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	46.30	0.05	46.35	65.78	-19.43	QP	
2		0.1540	20.40	0.05	20.45	55.78	-35.33	AVG	
3	*	0.4340	42.80	0.07	42.87	57.18	-14.31	QP	
4		0.4340	25.00	0.07	25.07	47.18	-22.11	AVG	
5		0.6780	34.70	0.08	34.78	56.00	-21.22	QP	
6		0.6780	19.70	0.08	19.78	46.00	-26.22	AVG	
7		4.7380	40.10	0.19	40.29	56.00	-15.71	QP	
8		4.7380	28.10	0.19	28.29	46.00	-17.71	AVG	
9		5.9620	43.70	0.22	43.92	60.00	-16.08	QP	
10		5.9620	31.40	0.22	31.62	50.00	-18.38	AVG	
11		10.0420	39.70	0.33	40.03	60.00	-19.97	QP	
12		10.0420	27.80	0.33	28.13	50.00	-21.87	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#32 *Page: 1*

Operation Mode:	Config 1 Recording(Front)	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

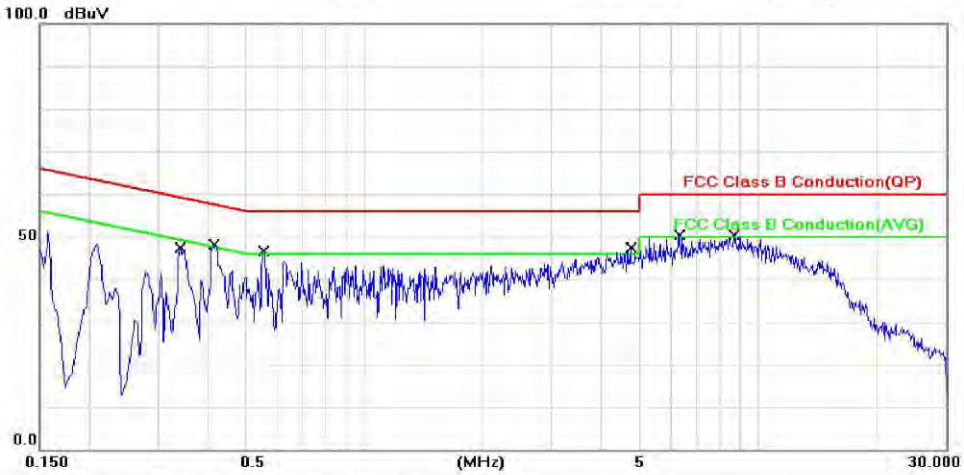
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 Recording
Note: front

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#8 Date: 2014/6/16 Time : 下午 10:26:23



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3420	45.10	0.07	45.17	59.15	-13.98	QP	
2		0.3420	32.90	0.07	32.97	49.15	-16.18	AVG	
3		0.4180	46.00	0.07	46.07	57.49	-11.42	QP	
4	*	0.4180	36.50	0.07	36.57	47.49	-10.92	AVG	
5		0.5580	42.80	0.07	42.87	56.00	-13.13	QP	
6		0.5580	30.80	0.07	30.87	46.00	-15.13	AVG	
7		4.7620	40.50	0.18	40.68	56.00	-15.32	QP	
8		4.7620	30.10	0.18	30.28	46.00	-15.72	AVG	
9		6.3340	42.60	0.22	42.82	60.00	-17.18	QP	
10		6.3340	30.30	0.22	30.52	50.00	-19.48	AVG	
11		8.7180	41.90	0.28	42.18	60.00	-17.82	QP	
12		8.7180	30.40	0.28	30.68	50.00	-19.32	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#8 *Page: 1*

Operation Mode:	Config 1 Recording(Front)	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

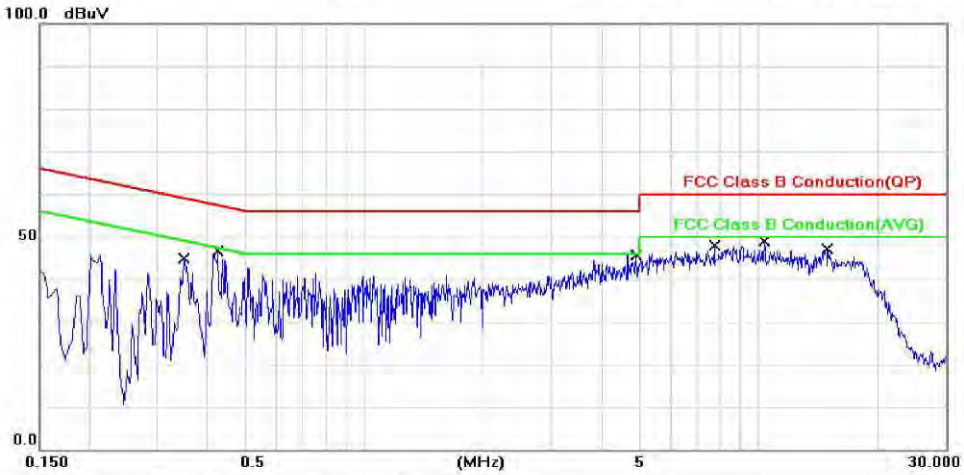
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 Recording
Note: front

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#7 Date: 2014/6/16 Time : 下午 10:22:02



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3500	42.30	0.07	42.37	58.96	-16.59	QP	
2		0.3500	31.00	0.07	31.07	48.96	-17.89	AVG	
3	*	0.4260	42.80	0.07	42.87	57.33	-14.46	QP	
4		0.4260	30.30	0.07	30.37	47.33	-16.96	AVG	
5		4.9180	37.90	0.19	38.09	56.00	-17.91	QP	
6		4.9180	27.70	0.19	27.89	46.00	-18.11	AVG	
7		7.7340	39.80	0.27	40.07	60.00	-19.93	QP	
8		7.7340	29.20	0.27	29.47	50.00	-20.53	AVG	
9		10.3660	39.30	0.34	39.64	60.00	-20.36	QP	
10		10.3660	27.50	0.34	27.84	50.00	-22.16	AVG	
11		14.9220	38.20	0.45	38.65	60.00	-21.35	QP	
12		14.9220	25.70	0.45	26.15	50.00	-23.85	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#7 *Page: 1*

Operation Mode:	Config 1 Recording(Back)	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

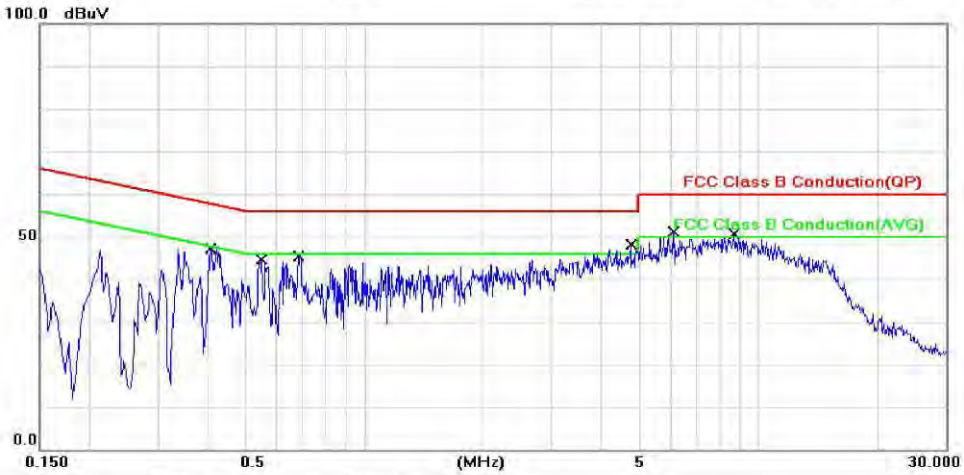
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 Recording
Note: back

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#9 Date: 2014/6/16 Time : 下午 10:31:35



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.4100	45.10	0.07	45.17	57.65	-12.48	QP	
2		0.4100	32.70	0.07	32.77	47.65	-14.88	AVG	
3		0.5500	42.30	0.07	42.37	56.00	-13.63	QP	
4		0.5500	30.10	0.07	30.17	46.00	-15.83	AVG	
5		0.6860	39.00	0.07	39.07	56.00	-16.93	QP	
6		0.6860	27.70	0.07	27.77	46.00	-18.23	AVG	
7		4.7580	41.40	0.18	41.58	56.00	-14.42	QP	
8		4.7580	30.40	0.18	30.58	46.00	-15.42	AVG	
9		6.0980	43.80	0.22	44.02	60.00	-15.98	QP	
10		6.0980	32.20	0.22	32.42	50.00	-17.58	AVG	
11		8.6860	42.50	0.28	42.78	60.00	-17.22	QP	
12		8.6860	31.10	0.28	31.38	50.00	-18.62	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#9 *Page: 1*

Operation Mode:	Config 1 Recording(Back)	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

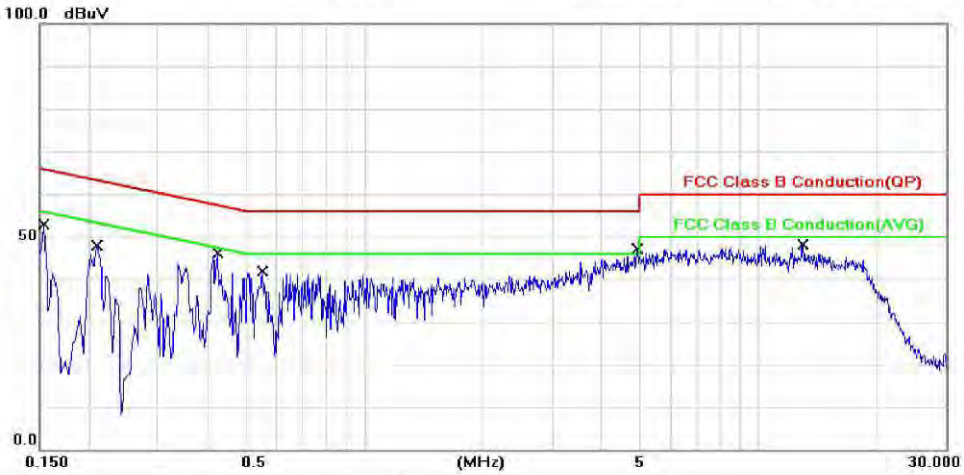
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 Recording
Note: back

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#10 Date: 2014/6/16 Time : 下午 10:36:35



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	46.70	0.05	46.75	65.78	-19.03	QP	
2		0.1540	20.90	0.05	20.95	55.78	-34.83	AVG	
3		0.2100	45.60	0.06	45.66	63.21	-17.55	QP	
4		0.2100	33.20	0.06	33.26	53.21	-19.95	AVG	
5	*	0.4260	42.10	0.07	42.17	57.33	-15.16	QP	
6		0.4260	29.20	0.07	29.27	47.33	-18.06	AVG	
7		0.5540	38.30	0.08	38.38	56.00	-17.62	QP	
8		0.5540	25.50	0.08	25.58	46.00	-20.42	AVG	
9		4.9380	40.50	0.19	40.69	56.00	-15.31	QP	
10		4.9380	27.90	0.19	28.09	46.00	-17.91	AVG	
11		12.9900	38.50	0.41	38.91	60.00	-21.09	QP	
12		12.9900	27.00	0.41	27.41	50.00	-22.59	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#10 *Page: 1*

Operation Mode:	Config 1 H Patten + 1 kHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

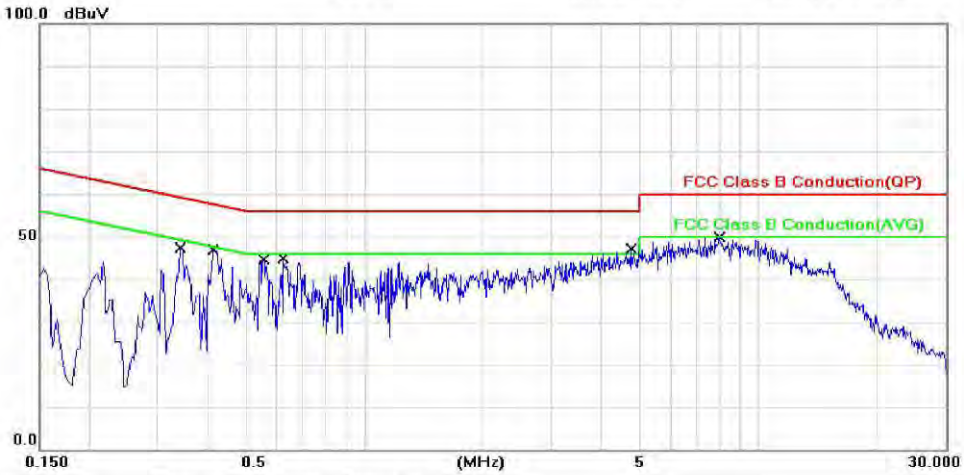
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 H Patten+1KHz
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#12 Date: 2014/6/16 Time : 下午 10:46:48



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3420	45.00	0.07	45.07	59.15	-14.08	QP	
2		0.3420	33.20	0.07	33.27	49.15	-15.88	AVG	
3	*	0.4140	46.30	0.07	46.37	57.57	-11.20	QP	
4		0.4140	35.00	0.07	35.07	47.57	-12.50	AVG	
5		0.5580	42.90	0.07	42.97	56.00	-13.03	QP	
6		0.5580	30.80	0.07	30.87	46.00	-15.13	AVG	
7		0.6260	41.70	0.07	41.77	56.00	-14.23	QP	
8		0.6260	29.80	0.07	29.87	46.00	-16.13	AVG	
9		4.7660	40.80	0.18	40.98	56.00	-15.02	QP	
10		4.7660	30.00	0.18	30.18	46.00	-15.82	AVG	
11		7.9980	40.90	0.27	41.17	60.00	-18.83	QP	
12		7.9980	30.50	0.27	30.77	50.00	-19.23	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#12 *Page: 1*

Operation Mode:	Config 1 H Patten + 1 kHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

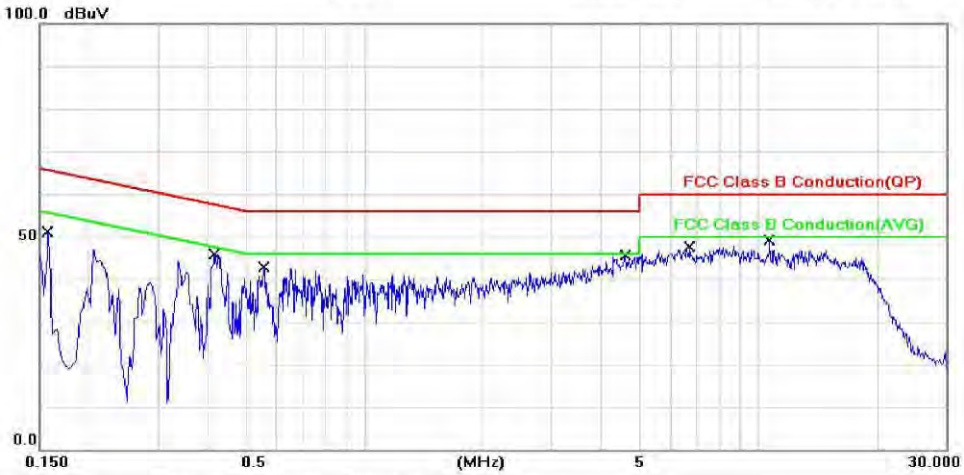
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 1 H Patten+1KHz
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#11 Date: 2014/6/16 Time : 下午 10:41:36



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	47.00	0.05	47.05	65.57	-18.52	QP	
2		0.1580	21.50	0.05	21.55	55.57	-34.02	AVG	
3	*	0.4180	43.90	0.07	43.97	57.49	-13.52	QP	
4		0.4180	33.40	0.07	33.47	47.49	-14.02	AVG	
5		0.5580	37.60	0.08	37.68	56.00	-18.32	QP	
6		0.5580	26.10	0.08	26.18	46.00	-19.82	AVG	
7		4.6220	37.80	0.18	37.98	56.00	-18.02	QP	
8		4.6220	27.50	0.18	27.68	46.00	-18.32	AVG	
9		6.7020	40.40	0.24	40.64	60.00	-19.36	QP	
10		6.7020	29.00	0.24	29.24	50.00	-20.76	AVG	
11		10.6900	40.10	0.35	40.45	60.00	-19.55	QP	
12		10.6900	27.80	0.35	28.15	50.00	-21.85	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#11 *Page: 1*

Operation Mode:	Config 2 FM 88.1 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

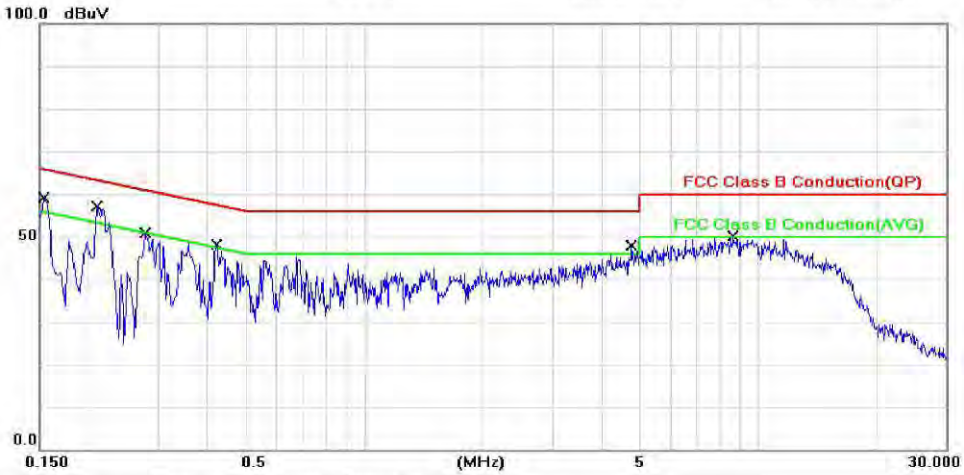
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 88.1MHz
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#13 Date: 2014/6/16 Time : 下午 11:19:38



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	56.40	0.07	56.47	65.78	-9.31	QP	
2		0.1540	31.00	0.07	31.07	55.78	-24.71	AVG	
3	*	0.2100	55.20	0.07	55.27	63.21	-7.94	QP	
4		0.2100	41.30	0.07	41.37	53.21	-11.84	AVG	
5		0.2780	47.60	0.07	47.67	60.88	-13.21	QP	
6		0.2780	32.10	0.07	32.17	50.88	-18.71	AVG	
7		0.4220	45.20	0.07	45.27	57.41	-12.14	QP	
8		0.4220	36.40	0.07	36.47	47.41	-10.94	AVG	
9		4.7740	40.10	0.18	40.28	56.00	-15.72	QP	
10		4.7740	29.30	0.18	29.48	46.00	-16.52	AVG	
11		8.6660	40.90	0.28	41.18	60.00	-18.82	QP	
12		8.6660	30.60	0.28	30.88	50.00	-19.12	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#13 *Page: 1*

Operation Mode:	Config 2 FM 88.1 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

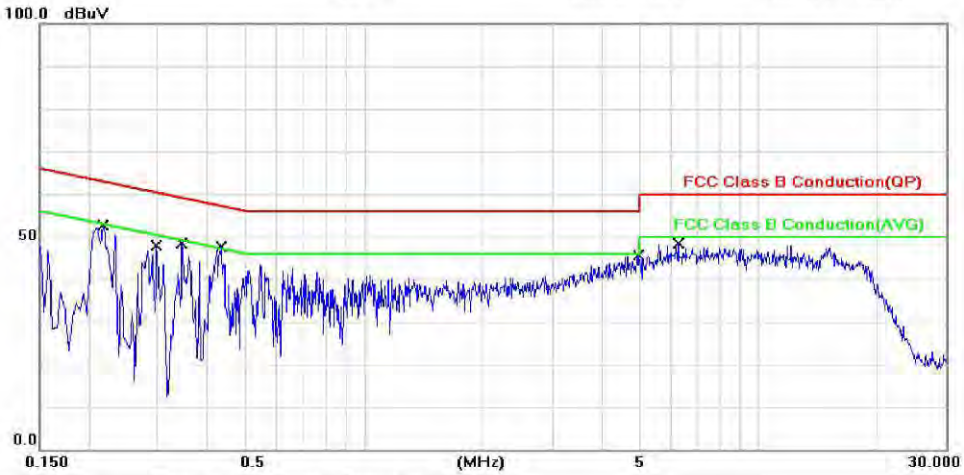
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 88.1MHz
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#14 Date: 2014/6/16 Time : 下午 11:22:38



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2180	48.00	0.06	48.06	62.89	-14.83	QP	
2		0.2180	29.60	0.06	29.66	52.89	-23.23	AVG	
3		0.2980	36.60	0.06	36.66	60.30	-23.64	QP	
4		0.2980	14.80	0.06	14.86	50.30	-35.44	AVG	
5		0.3460	43.20	0.07	43.27	59.06	-15.79	QP	
6		0.3460	28.80	0.07	28.87	49.06	-20.19	AVG	
7	*	0.4340	42.90	0.07	42.97	57.18	-14.21	QP	
8		0.4340	25.80	0.07	25.87	47.18	-21.31	AVG	
9		4.9700	38.30	0.19	38.49	56.00	-17.51	QP	
10		4.9700	27.20	0.19	27.39	46.00	-18.61	AVG	
11		6.2740	41.50	0.23	41.73	60.00	-18.27	QP	
12		6.2740	29.00	0.23	29.23	50.00	-20.77	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#14 *Page: 1*

Operation Mode:	Config 2 FM 98.1 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

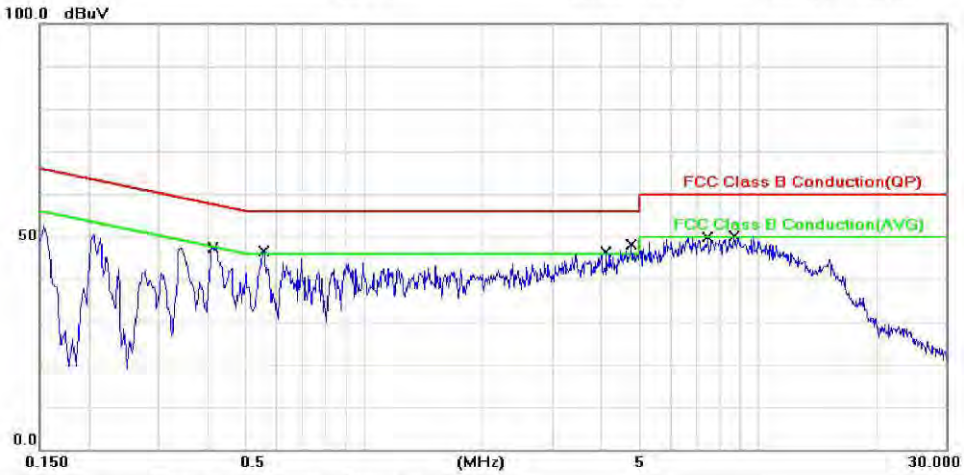
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 98.1MHz
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#16 Date: 2014/6/16 Time : 下午 11:29:35



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.4140	45.60	0.07	45.67	57.57	-11.90	QP	
2		0.4140	34.40	0.07	34.47	47.57	-13.10	AVG	
3		0.5580	42.90	0.07	42.97	56.00	-13.03	QP	
4		0.5580	31.00	0.07	31.07	46.00	-14.93	AVG	
5		4.1340	41.60	0.16	41.76	56.00	-14.24	QP	
6		4.1340	30.10	0.16	30.26	46.00	-15.74	AVG	
7		4.7780	41.70	0.18	41.88	56.00	-14.12	QP	
8		4.7780	30.00	0.18	30.18	46.00	-15.82	AVG	
9		7.4820	41.20	0.26	41.46	60.00	-18.54	QP	
10		7.4820	29.60	0.26	29.86	50.00	-20.14	AVG	
11		8.7260	41.40	0.28	41.68	60.00	-18.32	QP	
12		8.7260	30.30	0.28	30.58	50.00	-19.42	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#16 *Page: 1*

Operation Mode:	Config 2 FM 98.1 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

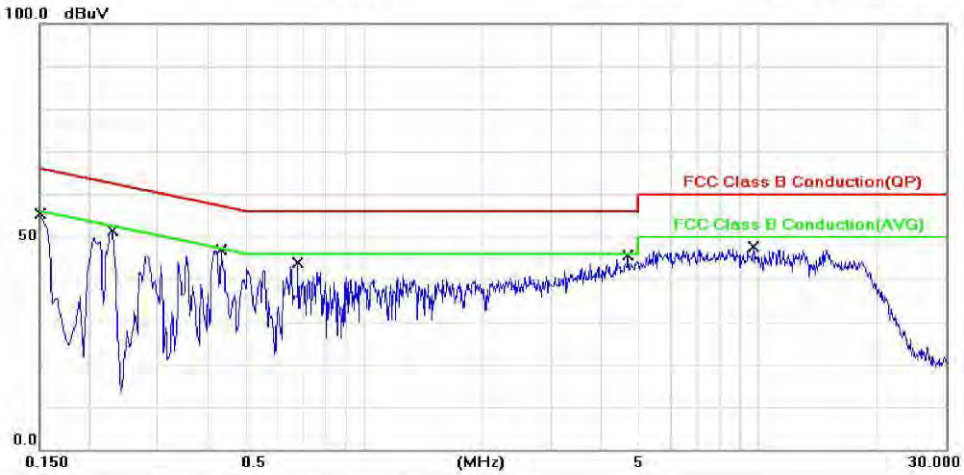
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 98.1MHz
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#15 Date: 2014/6/16 Time : 下午 11:25:59



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	51.10	0.05	51.15	66.00	-14.85	QP	
2		0.1500	28.60	0.05	28.65	56.00	-27.35	AVG	
3		0.2300	42.40	0.06	42.46	62.45	-19.99	QP	
4		0.2300	16.60	0.06	16.66	52.45	-35.79	AVG	
5	*	0.4340	42.70	0.07	42.77	57.18	-14.41	QP	
6		0.4340	25.50	0.07	25.57	47.18	-21.61	AVG	
7		0.6820	34.70	0.08	34.78	56.00	-21.22	QP	
8		0.6820	20.20	0.08	20.28	46.00	-25.72	AVG	
9		4.6780	39.80	0.18	39.98	56.00	-16.02	QP	
10		4.6780	27.60	0.18	27.78	46.00	-18.22	AVG	
11		9.7060	41.10	0.32	41.42	60.00	-18.58	QP	
12		9.7060	29.00	0.32	29.32	50.00	-20.68	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#15 *Page: 1*

Operation Mode:	Config 2 FM 107.9 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	L1

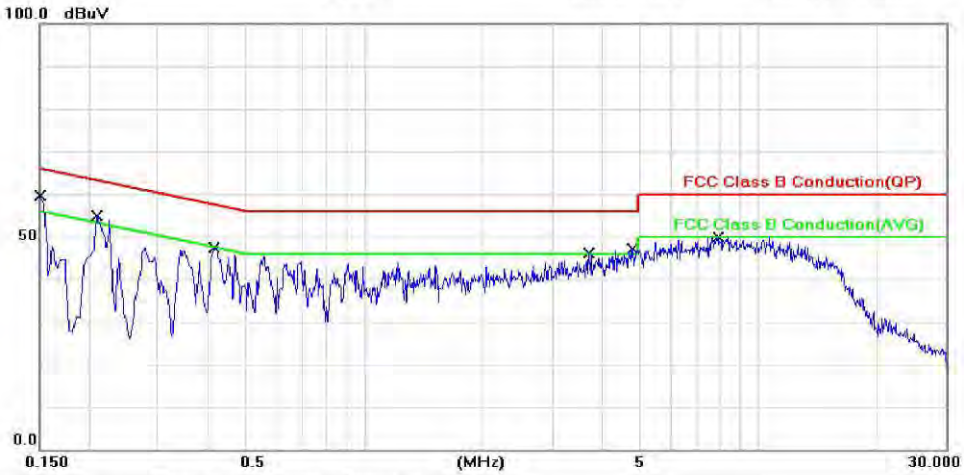
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 107.9MHz
Note:

Phase: L1
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#17 Date: 2014/6/16 Time : 下午 11:42:08



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	53.50	0.07	53.57	66.00	-12.43	QP	
2		0.1500	32.30	0.07	32.37	56.00	-23.63	AVG	
3		0.2100	51.10	0.07	51.17	63.21	-12.04	QP	
4		0.2100	38.50	0.07	38.57	53.21	-14.64	AVG	
5	*	0.4180	46.20	0.07	46.27	57.49	-11.22	QP	
6		0.4180	35.70	0.07	35.77	47.49	-11.72	AVG	
7		3.7380	37.20	0.15	37.35	56.00	-18.65	QP	
8		3.7380	27.00	0.15	27.15	46.00	-18.85	AVG	
9		4.7980	39.10	0.18	39.28	56.00	-16.72	QP	
10		4.7980	29.10	0.18	29.28	46.00	-16.72	AVG	
11		7.9020	41.20	0.26	41.46	60.00	-18.54	QP	
12		7.9020	30.70	0.26	30.96	50.00	-19.04	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#17 *Page: 1*

Operation Mode:	Config 2 FM 107.9 MHz	Test Date:	Jun. 16, 2014
Tested By:	Jeffery Chou	Pol.:	N

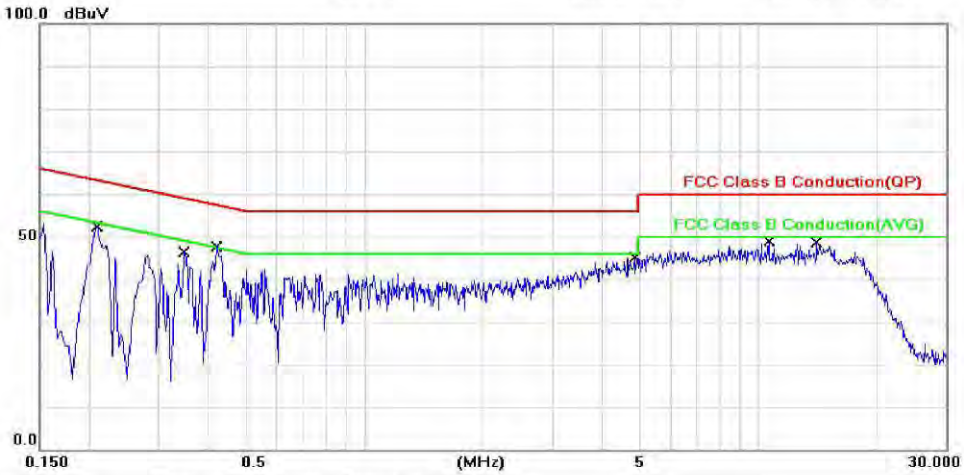
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 2 FM 107.9MHz
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#18 Date: 2014/6/16 Time : 下午 11:45:42



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2100	49.10	0.06	49.16	63.21	-14.05	QP	
2		0.2100	35.20	0.06	35.26	53.21	-17.95	AVG	
3		0.3500	42.60	0.07	42.67	58.96	-16.29	QP	
4		0.3500	30.60	0.07	30.67	48.96	-18.29	AVG	
5	*	0.4220	44.40	0.07	44.47	57.41	-12.94	QP	
6		0.4220	33.20	0.07	33.27	47.41	-14.14	AVG	
7		4.8540	37.90	0.19	38.09	56.00	-17.91	QP	
8		4.8540	26.90	0.19	27.09	46.00	-18.91	AVG	
9		10.6500	40.40	0.34	40.74	60.00	-19.26	QP	
10		10.6500	28.10	0.34	28.44	50.00	-21.56	AVG	
11		14.1180	40.20	0.43	40.63	60.00	-19.37	QP	
12		14.1180	26.90	0.43	27.33	50.00	-22.67	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#18 *Page: 1*

Operation Mode:	Config 3 Data Link (Read)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

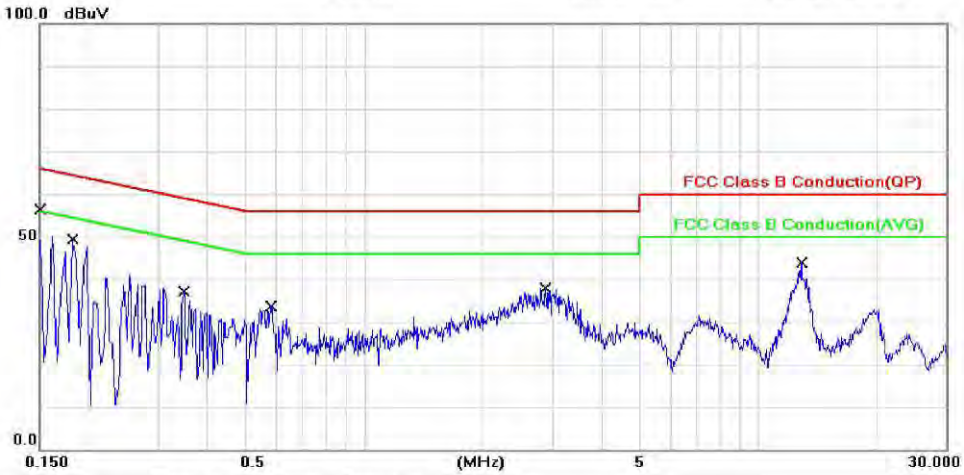
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link(Read)
Note:

Phase: L1
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#25 Date: 2014/6/17 Time : 上午 12:40:59



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	54.20	0.07	54.27	66.00	-11.73	QP	
2		0.1500	35.50	0.07	35.57	56.00	-20.43	AVG	
3		0.1820	47.40	0.07	47.47	64.39	-16.92	QP	
4		0.1820	29.60	0.07	29.67	54.39	-24.72	AVG	
5		0.3500	32.10	0.07	32.17	58.96	-26.79	QP	
6		0.3500	20.20	0.07	20.27	48.96	-28.69	AVG	
7		0.5820	28.90	0.07	28.97	56.00	-27.03	QP	
8		0.5820	20.10	0.07	20.17	46.00	-25.83	AVG	
9		2.8860	31.70	0.13	31.83	56.00	-24.17	QP	
10		2.8860	24.80	0.13	24.93	46.00	-21.07	AVG	
11		12.8700	34.20	0.40	34.60	60.00	-25.40	QP	
12		12.8700	26.00	0.40	26.40	50.00	-23.60	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#25 *Page: 1*

Operation Mode:	Config 3 Data Link (Read)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

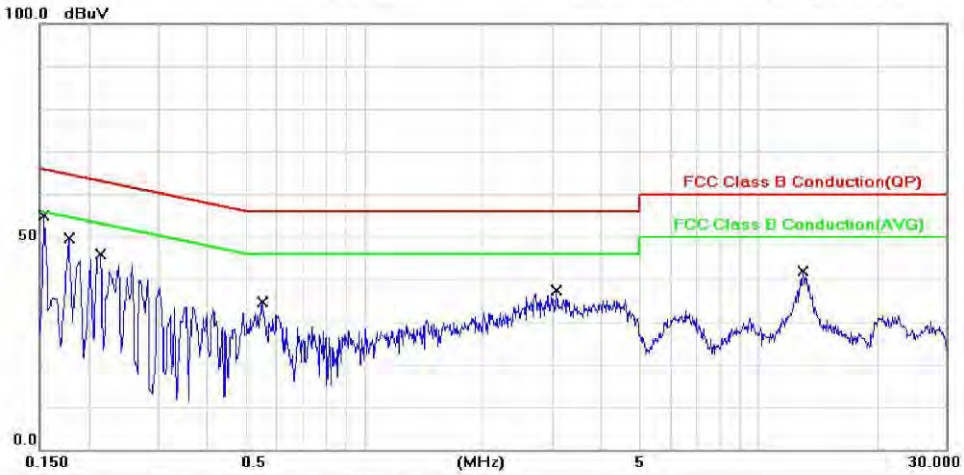
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link(Read)
Note:

Phase: N
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#26 Date: 2014/6/17 Time : 上午 12:43:47



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	53.00	0.05	53.05	65.78	-12.73	QP	
2		0.1540	33.30	0.05	33.35	55.78	-22.43	AVG	
3		0.1780	47.60	0.06	47.66	64.58	-16.92	QP	
4		0.1780	28.80	0.06	28.86	54.58	-25.72	AVG	
5		0.2140	42.00	0.06	42.06	63.05	-20.99	QP	
6		0.2140	24.90	0.06	24.96	53.05	-28.09	AVG	
7		0.5540	29.90	0.08	29.98	56.00	-26.02	QP	
8		0.5540	21.10	0.08	21.18	46.00	-24.82	AVG	
9		3.0820	29.30	0.16	29.46	56.00	-26.54	QP	
10		3.0820	22.00	0.16	22.16	46.00	-23.84	AVG	
11		12.9980	32.20	0.41	32.61	60.00	-27.39	QP	
12		12.9980	19.80	0.41	20.21	50.00	-29.79	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#26 *Page: 1*

Operation Mode:	Config 3 Data Link (Write)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

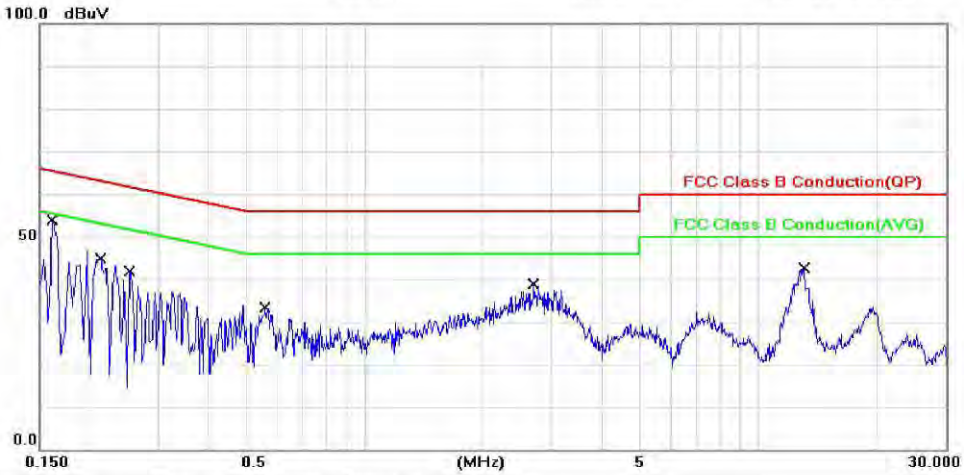
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link(Write)
Note:

Phase: L1
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#24 Date: 2014/6/17 Time : 上午 12:37:29



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1620	50.10	0.07	50.17	65.36	-15.19	QP	
2		0.1620	31.40	0.07	31.47	55.36	-23.89	AVG	
3		0.2140	42.10	0.07	42.17	63.05	-20.88	QP	
4		0.2140	25.30	0.07	25.37	53.05	-27.68	AVG	
5		0.2540	38.80	0.07	38.87	61.63	-22.76	QP	
6		0.2540	22.70	0.07	22.77	51.63	-28.86	AVG	
7		0.5620	31.30	0.07	31.37	56.00	-24.63	QP	
8		0.5620	24.30	0.07	24.37	46.00	-21.63	AVG	
9		2.6940	32.40	0.12	32.52	56.00	-23.48	QP	
10		2.6940	26.40	0.12	26.52	46.00	-19.48	AVG	
11		13.1140	34.30	0.40	34.70	60.00	-25.30	QP	
12		13.1140	26.60	0.40	27.00	50.00	-23.00	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#24 *Page: 1*

Operation Mode:	Config 3 Data Link (Write)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

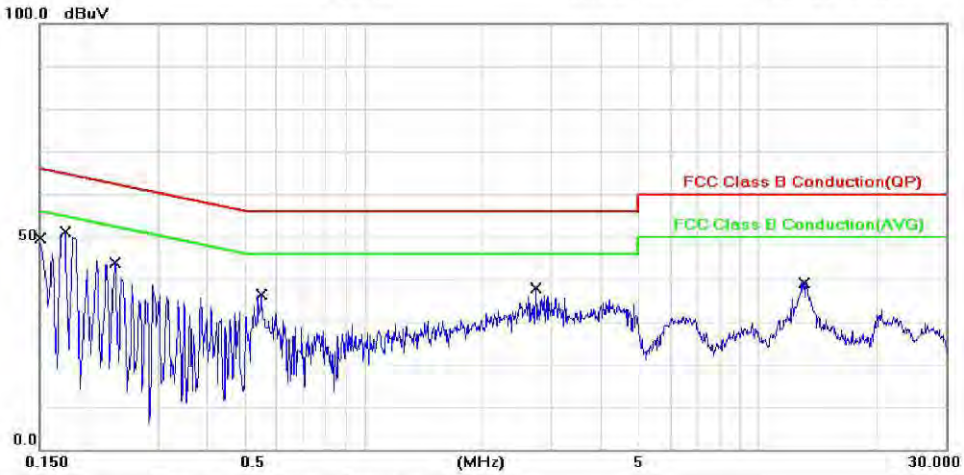
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link(Write)
Note:

Phase: N
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#23 Date: 2014/6/17 Time : 上午 12:33:53



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	54.30	0.05	54.35	66.00	-11.65	QP	
2		0.1500	34.50	0.05	34.55	56.00	-21.45	AVG	
3		0.1740	49.50	0.05	49.55	64.77	-15.22	QP	
4		0.1740	32.10	0.05	32.15	54.77	-22.62	AVG	
5		0.2340	36.50	0.06	36.56	62.31	-25.75	QP	
6		0.2340	16.30	0.06	16.36	52.31	-35.95	AVG	
7		0.5500	32.20	0.08	32.28	56.00	-23.72	QP	
8		0.5500	22.10	0.08	22.18	46.00	-23.82	AVG	
9		2.7300	30.50	0.14	30.64	56.00	-25.36	QP	
10		2.7300	23.50	0.14	23.64	46.00	-22.36	AVG	
11		13.0980	33.30	0.41	33.71	60.00	-26.29	QP	
12		13.0980	21.30	0.41	21.71	50.00	-28.29	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#23 *Page: 1*

Operation Mode:	Config 3 Data Link Micro SD (Read)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

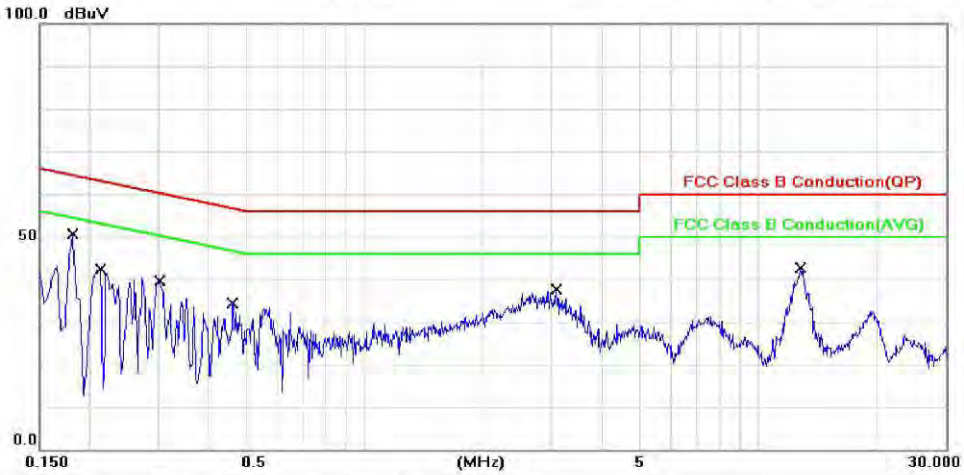
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link Micro SD(Read)
Note:

Phase: L1
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#20 Date: 2014/6/17 Time : 上午 12:21:43



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1820	48.20	0.07	48.27	64.39	-16.12	QP	
2		0.1820	29.60	0.07	29.67	54.39	-24.72	AVG	
3		0.2140	42.80	0.07	42.87	63.05	-20.18	QP	
4		0.2140	27.10	0.07	27.17	53.05	-25.88	AVG	
5		0.3020	36.30	0.07	36.37	60.19	-23.82	QP	
6		0.3020	23.60	0.07	23.67	50.19	-26.52	AVG	
7		0.4660	27.50	0.07	27.57	56.58	-29.01	QP	
8		0.4660	18.30	0.07	18.37	46.58	-28.21	AVG	
9		3.0780	31.30	0.14	31.44	56.00	-24.56	QP	
10		3.0780	24.60	0.14	24.74	46.00	-21.26	AVG	
11		12.8060	36.20	0.40	36.60	60.00	-23.40	QP	
12		12.8060	28.70	0.40	29.10	50.00	-20.90	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#20 *Page: 1*

Operation Mode:	Config 3 Data Link Micro SD (Read)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

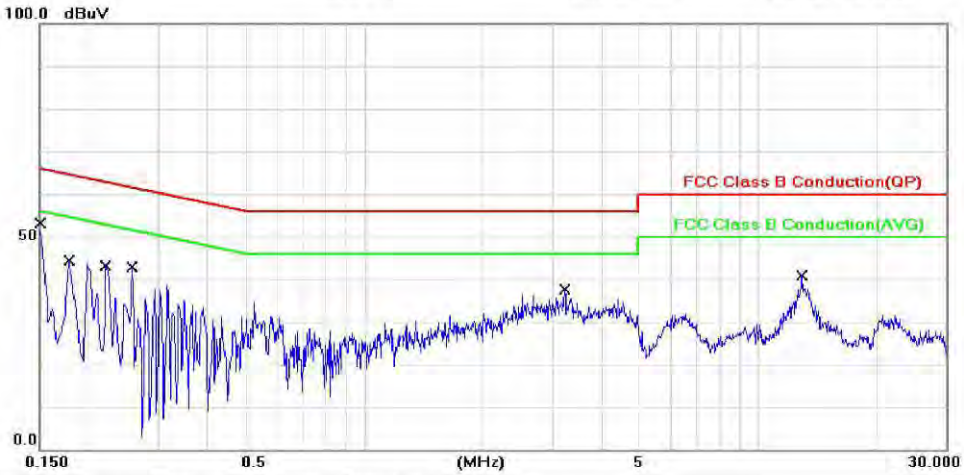
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link Micro SD(Read)
Note:

Phase: N
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#19 Date: 2014/6/17 Time : 上午 12:16:55



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	54.60	0.05	54.65	66.00	-11.35	QP	
2		0.1500	31.60	0.05	31.65	56.00	-24.35	AVG	
3		0.1780	48.40	0.06	48.46	64.58	-16.12	QP	
4		0.1780	29.80	0.06	29.86	54.58	-24.72	AVG	
5		0.2220	40.60	0.06	40.66	62.74	-22.08	QP	
6		0.2220	23.00	0.06	23.06	52.74	-29.68	AVG	
7		0.2580	39.10	0.06	39.16	61.50	-22.34	QP	
8		0.2580	24.20	0.06	24.26	51.50	-27.24	AVG	
9		3.2260	30.30	0.16	30.46	56.00	-25.54	QP	
10		3.2260	23.20	0.16	23.36	46.00	-22.64	AVG	
11		12.9500	33.90	0.41	34.31	60.00	-25.69	QP	
12		12.9500	21.80	0.41	22.21	50.00	-27.79	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#19 *Page: 1*

Operation Mode:	Config 3 Data Link Micro SD (Write)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	L1

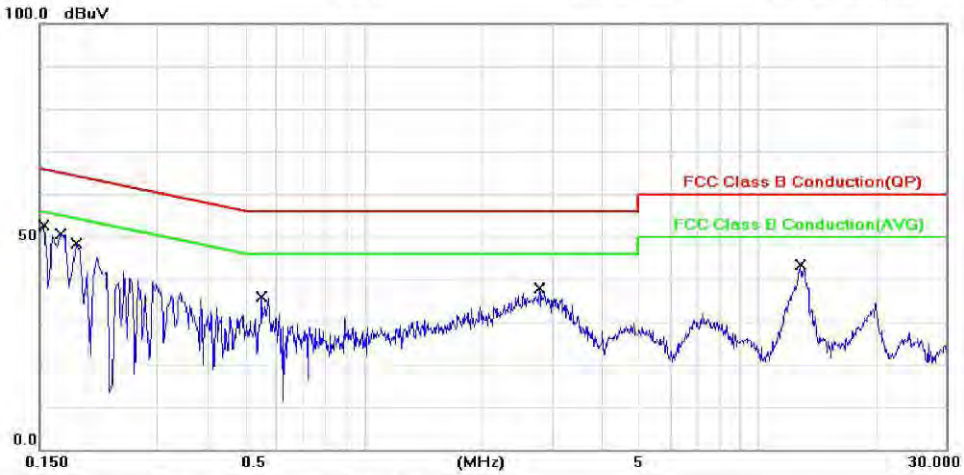
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link Micro SD(Write)
Note:

Phase: L1
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#21 Date: 2014/6/17 Time : 上午 12:26:16



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	51.60	0.07	51.67	65.78	-14.11	QP	
2		0.1540	30.50	0.07	30.57	55.78	-25.21	AVG	
3		0.1700	49.90	0.07	49.97	64.96	-14.99	QP	
4		0.1700	33.50	0.07	33.57	54.96	-21.39	AVG	
5		0.1860	45.10	0.07	45.17	64.21	-19.04	QP	
6		0.1860	24.30	0.07	24.37	54.21	-29.84	AVG	
7		0.5500	31.00	0.07	31.07	56.00	-24.93	QP	
8		0.5500	21.30	0.07	21.37	46.00	-24.63	AVG	
9		2.7900	32.40	0.13	32.53	56.00	-23.47	QP	
10		2.7900	26.20	0.13	26.33	46.00	-19.67	AVG	
11		12.8340	35.40	0.40	35.80	60.00	-24.20	QP	
12		12.8340	27.70	0.40	28.10	50.00	-21.90	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#21 *Page: 1*

Operation Mode:	Config 3 Data Link Micro SD (Write)	Test Date:	Jun. 17, 2014
Tested By:	Jeffery Chou	Pol.:	N

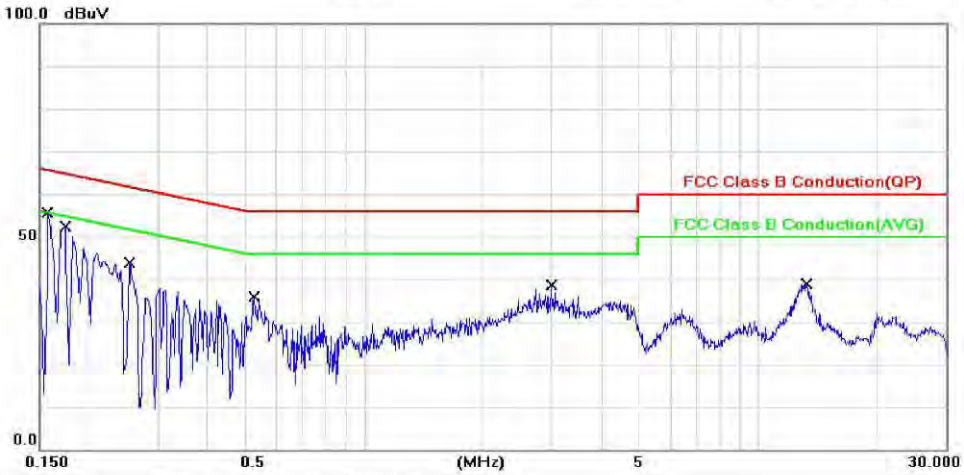
Site ConductionRoom
Limit: FCC Class B Conduction(QP)
Mode: Config 3 Data Link Micro SD(Write)
Note:

Phase: N
Power: From System

Temperature: 26 ℃
Humidity: 60%

Conducted Emission

File :50078 Data :#22 Date: 2014/6/17 Time : 上午 12:29:15



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	49.10	0.05	49.15	65.57	-16.42	QP	
2		0.1580	26.60	0.05	26.65	55.57	-28.92	AVG	
3	*	0.1740	49.70	0.05	49.75	64.77	-15.02	QP	
4		0.1740	33.60	0.05	33.65	54.77	-21.12	AVG	
5		0.2540	38.60	0.06	38.66	61.63	-22.97	QP	
6		0.2540	23.50	0.06	23.56	51.63	-28.07	AVG	
7		0.5260	30.90	0.08	30.98	56.00	-25.02	QP	
8		0.5260	22.20	0.08	22.28	46.00	-23.72	AVG	
9		2.9780	29.70	0.14	29.84	56.00	-26.16	QP	
10		2.9780	22.30	0.14	22.44	46.00	-23.56	AVG	
11		13.3140	30.80	0.42	31.22	60.00	-28.78	QP	
12		13.3140	20.10	0.42	20.52	50.00	-29.48	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#22 *Page: 1*

2.5 Test of Radiated Emission

2.5.1 Test Instruments

Below 1GHz

SGS 966 Chamber No. II					
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Date**	**Calibration Due**
EMI Test Receiver	R&S	ESCI 7	100760	May 26, 2014	May 25, 2015
Biconical Antenna	Schwarzbeck	VHBB 9124	9124-560	Feb. 10, 2014	Feb. 09, 2015
Log-Periodic Antenna	Schwarzbeck	UHALP 9108 A	UHALP 9108-A 0990	Feb. 10, 2014	Feb. 09, 2015
Broadband Antenna	SCHWAZBECK	VULB9168	VULB9168-298	Nov. 14, 2013	Nov. 13, 2014
Pre-Amplifier	EMC Instruments	EMC330	980122	Mar. 04, 2014	Mar. 03, 2015
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	N/A	Nov. 26, 2013	Nov. 25, 2014
Communication Tester	R&S	CMU200	114669	Dec. 06, 2013	Dec. 05, 2014
Communication Tester	Anritsu	MT8820C	6200995019	Oct. 21,2013	Oct. 20,2014
Antenna Master	MF.	MF-7802	N/A	N.C.R.	N.C.R.
Turn Table	MF.	N/A	N/A	N.C.R.	N.C.R.
Controller	MF.	3000	MF780208153	N.C.R.	N.C.R.
Site NSA	Chamost	966II Chamber	N/A	Dec. 30, 2013	Dec. 29, 2014
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

Above 1GHz

SGS 966 Chamber No. II					
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Date**	**Calibration Due**
EMI Test Receiver	R&S	ESCI 7	100760	May 26, 2014	May 25, 2015
Spectrum Analyzer	R&S	FSV 40	101058	Jan. 13, 2014	Jan. 12, 2015
Horn Antenna	SCHWAZBECK	BBHA 9120D	BBHA9120D309	Dec. 20, 2013	Dec. 19, 2014
Horn Antenna	SCHWAZBECK	BBHA 9170	BBHA9170184	Jan. 23, 2014	Jan. 22, 2015
Pre-Amplifier	HP	8449B	3008A00578	Nov. 26, 2013	Nov. 25, 2014
Pre-Amplifier	EM Electronics Corp.	EM26400	N/A	Jan. 29, 2014	Jan. 28, 2015
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104-02	N/A	Nov. 26, 2013	Nov. 25, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	22962/2	Nov. 26, 2013	Nov. 25, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	23051/2	Nov. 26, 2013	Nov. 25, 2014
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2152/2	Jun. 06, 2014	Jun. 05, 2015
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	Jun. 06, 2014	Jun. 05, 2015
Communication Tester	R&S	CMU200	114669	Dec. 06, 2013	Dec. 05, 2014
Communication Tester	Anritsu	MT8820C	6200995019	Oct. 21,2013	Oct. 20,2014
Antenna Master	MF.	N/A	N/A	N.C.R.	N.C.R.
Turn Table	MF.	N/A	N/A	N.C.R.	N.C.R.
Controller	MF.	3000	MF780208153	N.C.R.	N.C.R.
Site VSWR	Chamost	966II Chamber	N/A	Dec. 30, 2013	Dec. 29, 2014
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

2.5.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803

2.5.3 Operating Environment

Temperature : 24 degree C Humidity : 62 %RH
Atmospheric Pressure : 996 mBar

2.5.4 Measurement Uncertainty of Radiated Emission

Expanded uncertainty (k=2) of radiated emission measurement is 5.09 dB. (30-1000 MHz)
Expanded uncertainty (k=2) of radiated emission measurement is 5.04 dB. (1-6 GHz)
Expanded uncertainty (k=2) of radiated emission measurement is 5.10 dB. (6-18 GHz)

2.5.5 Measurement Level Calculation

Correction Factor = Antenna Factor + Cable loss- Amplifier Gain
Measurement Level = Reading Level + Correction Factor

2.5.6 Measurement Data

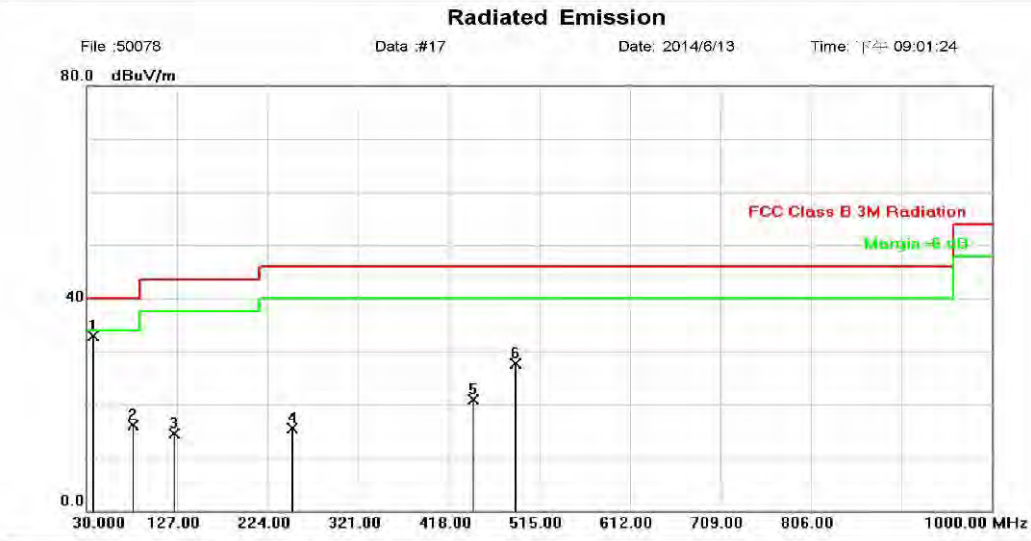
Below 1GHz

Operation Mode	Config 1 EVDO BC0	Test Date	Jun. 13, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 EVDO BC0
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 24 °C
Humidity: 62 %



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.7300	45.32	-12.50	32.82	40.00	-7.18	QP	
2		79.7800	31.84	-15.80	16.04	40.00	-23.96	QP	
3		123.3200	28.13	-13.54	14.59	43.50	-28.91	QP	
4		250.0100	27.89	-12.45	15.44	46.00	-30.56	QP	
5		444.5100	27.91	-7.05	20.86	46.00	-25.14	QP	
6		490.0000	34.19	-6.54	27.65	46.00	-18.35	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#17 *Page: 1*

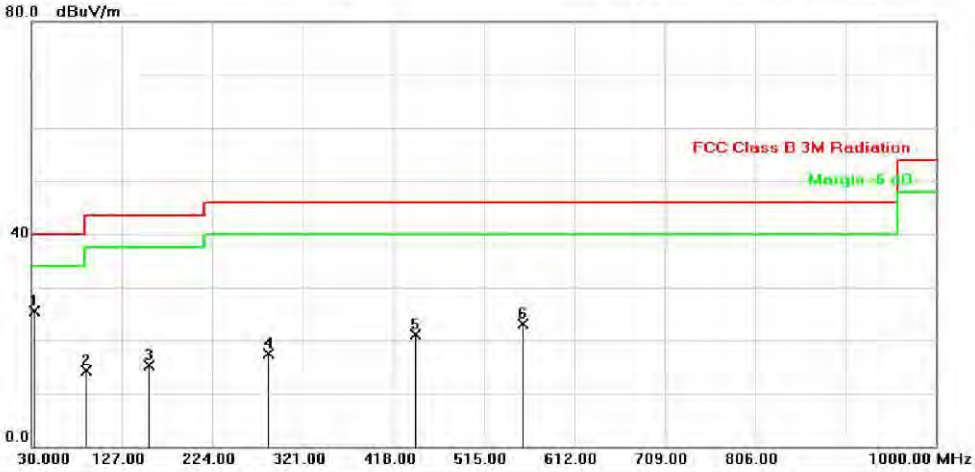
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 EVDO BC0
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 24 °C
Humidity: 62 %

Radiated Emission

File :50078 Data :#18 Date: 2014/6/13 Time: 下午 08:27:52



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	32.8600	38.42	-12.93	25.49	40.00	-14.51	QP	
2		89.2600	32.23	-17.84	14.39	43.50	-29.11	QP	
3		156.6400	26.54	-11.24	15.30	43.50	-28.20	QP	
4		284.0000	28.80	-11.26	17.54	46.00	-28.46	QP	
5		441.3300	28.20	-7.18	21.02	46.00	-24.98	QP	
6		557.2500	28.28	-5.23	23.05	46.00	-22.95	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#18 *Page: 1*

Operation Mode	Config 1 LTE B26	Test Date	Jun. 14, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

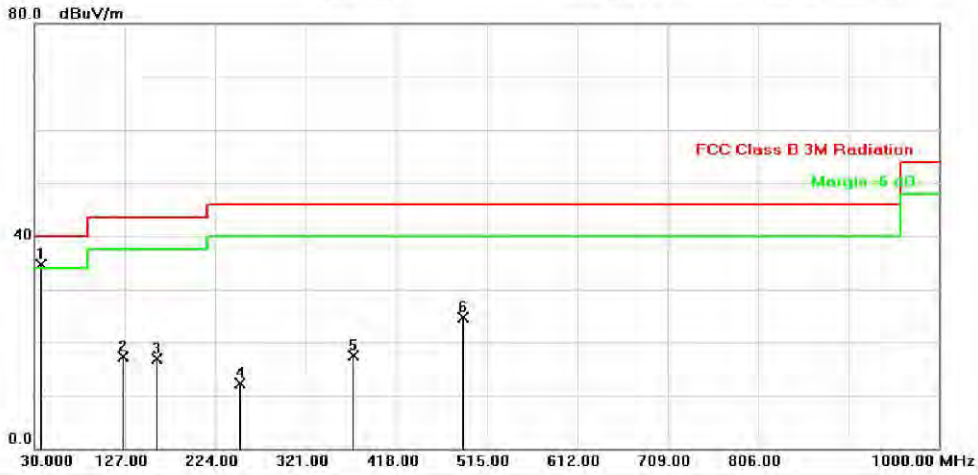
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 LTE B26
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 24 ℃
Humidity: 62 %

Radiated Emission

File :50078 Data :#25 Date: 2014/6/14 Time: 上午 12:45:23



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.6000	47.24	-12.51	34.73	40.00	-5.27	QP	
2		124.8800	30.52	-13.31	17.21	43.50	-26.29	QP	
3		160.8300	27.98	-11.11	16.87	43.50	-26.63	QP	
4		250.0500	24.69	-12.45	12.24	46.00	-33.76	QP	
5		372.3100	26.57	-9.00	17.57	46.00	-28.43	QP	
6		490.0000	31.32	-6.54	24.78	46.00	-21.22	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#25 *Page: 1*

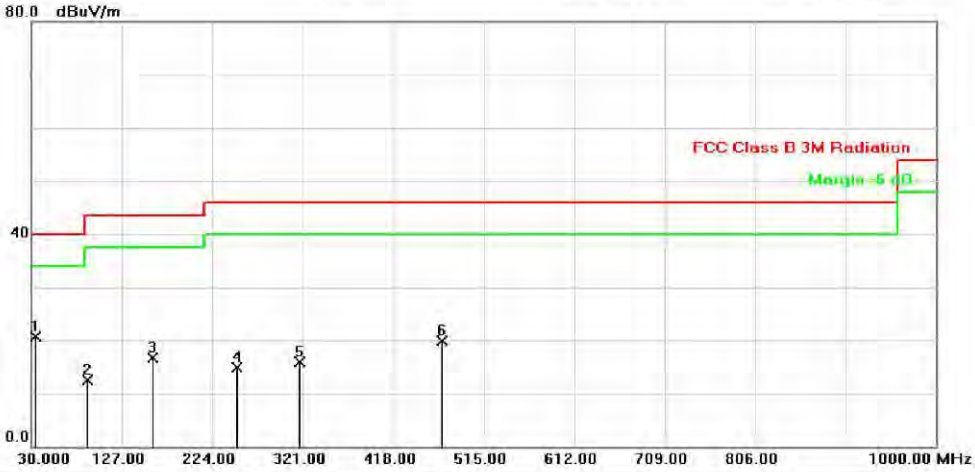
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 LTE B26
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 24 °C
Humidity: 62 %

Radiated Emission

File :50078 Data :#26 Date: 2014/6/14 Time: 上午 01:16:19



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	34.4000	33.47	-12.76	20.71	40.00	-19.29	QP	
2		90.0500	30.53	-17.99	12.54	43.50	-30.96	QP	
3		160.5100	27.79	-11.09	16.70	43.50	-26.80	QP	
4		250.1900	27.42	-12.44	14.98	46.00	-31.02	QP	
5		317.8100	26.15	-10.22	15.93	46.00	-30.07	QP	
6		470.6200	26.68	-6.69	19.99	46.00	-26.01	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#26 *Page: 1*

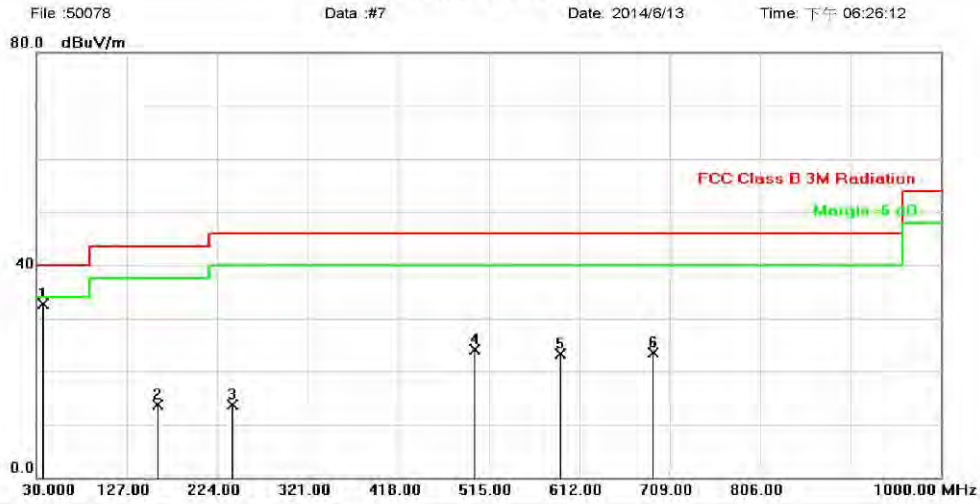
Operation Mode	Config 1 H Patten+1 kHz	Test Date	Jun. 13, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 H Patten+1KHz
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 25 ℃
Humidity: 57 %

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.3900	45.25	-12.47	32.78	40.00	-7.22	QP	
2		159.9900	24.81	-11.19	13.62	43.50	-29.88	QP	
3		240.0000	26.53	-12.75	13.78	46.00	-32.22	QP	
4		499.9900	31.18	-7.03	24.15	46.00	-21.85	QP	
5		592.4400	27.42	-4.11	23.31	46.00	-22.69	QP	
6		691.8600	25.92	-2.40	23.52	46.00	-22.48	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#7 *Page: 1*

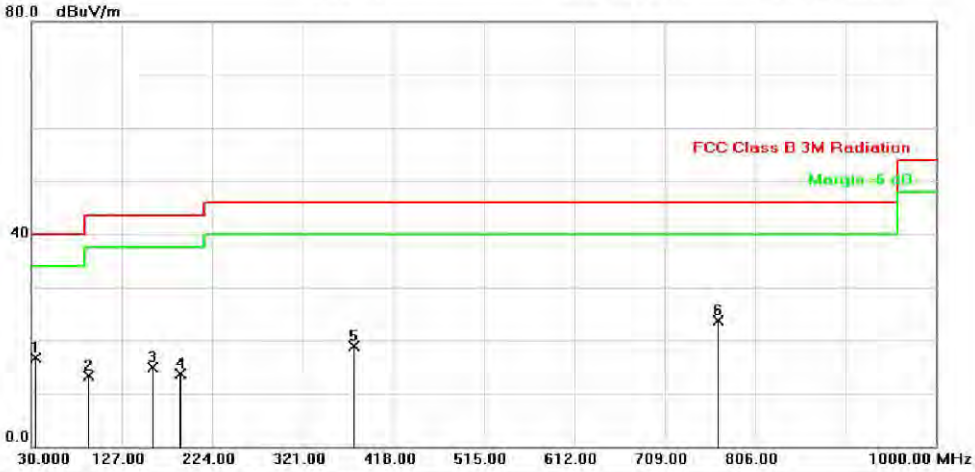
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 H Patten+1KHz
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 25 °C
Humidity: 57 %

Radiated Emission

File :50078 Data :#8 Date: 2014/6/13 Time: 下午 06:56:25



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		35.1600	29.40	-12.72	16.68	40.00	-23.32	QP	
2		91.5300	31.11	-17.90	13.21	43.50	-30.29	QP	
3		160.4600	26.17	-11.22	14.95	43.50	-28.55	QP	
4		189.9900	28.42	-14.67	13.75	43.50	-29.75	QP	
5		376.2400	28.22	-9.28	18.94	46.00	-27.06	QP	
6	*	767.1200	25.44	-1.82	23.62	46.00	-22.38	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#8 *Page: 1*

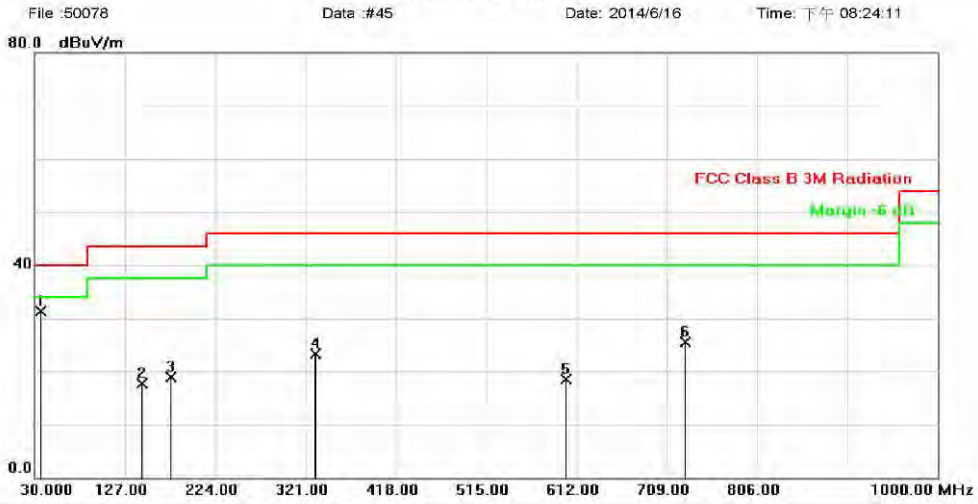
Operation Mode	Config 2 FM 88.1 MHz	Test Date	Jun. 16, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 FM 88.1MHz
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 68 %

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.5600	43.79	-12.44	31.35	40.00	-8.65	QP	
2		145.7900	29.61	-11.81	17.80	43.50	-25.70	QP	
3		176.6400	31.89	-12.96	18.93	43.50	-24.57	QP	
4		332.3800	33.48	-10.13	23.35	46.00	-22.65	QP	
5		600.7000	22.31	-3.76	18.55	46.00	-27.45	QP	
6		729.4400	27.71	-2.28	25.43	46.00	-20.57	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#45 *Page: 1*

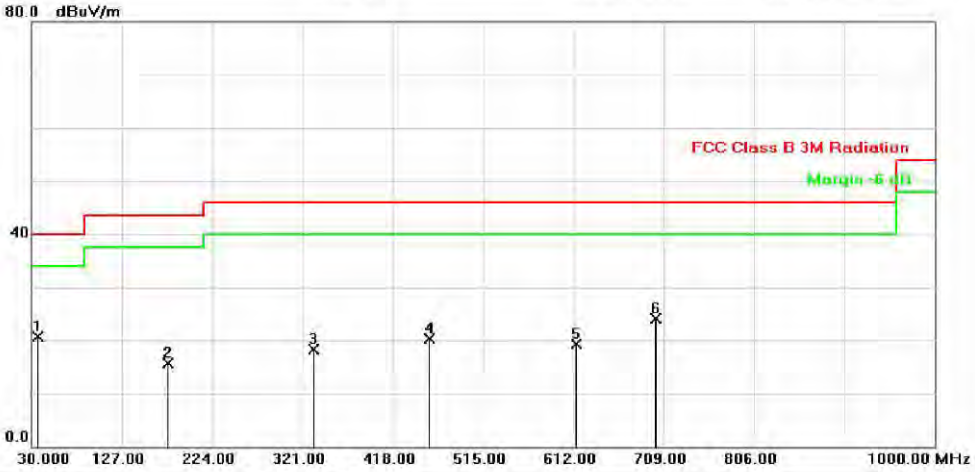
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 1 FM 88.1MHz
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 68 %

Radiated Emission

File :50078 Data :#46 Date: 2014/6/16 Time: 下午 08:54:35



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.4500	33.16	-12.46	20.70	40.00	-19.30	QP	
2		176.6700	28.62	-12.97	15.65	43.50	-27.85	QP	
3		333.0600	28.37	-10.10	18.27	46.00	-27.73	QP	
4		457.7200	27.47	-7.24	20.23	46.00	-25.77	QP	
5		615.3900	23.14	-3.88	19.26	46.00	-26.74	QP	
6		700.8600	26.19	-2.06	24.13	46.00	-21.87	QP	

*:Maximum data x:Over limit !:over margin

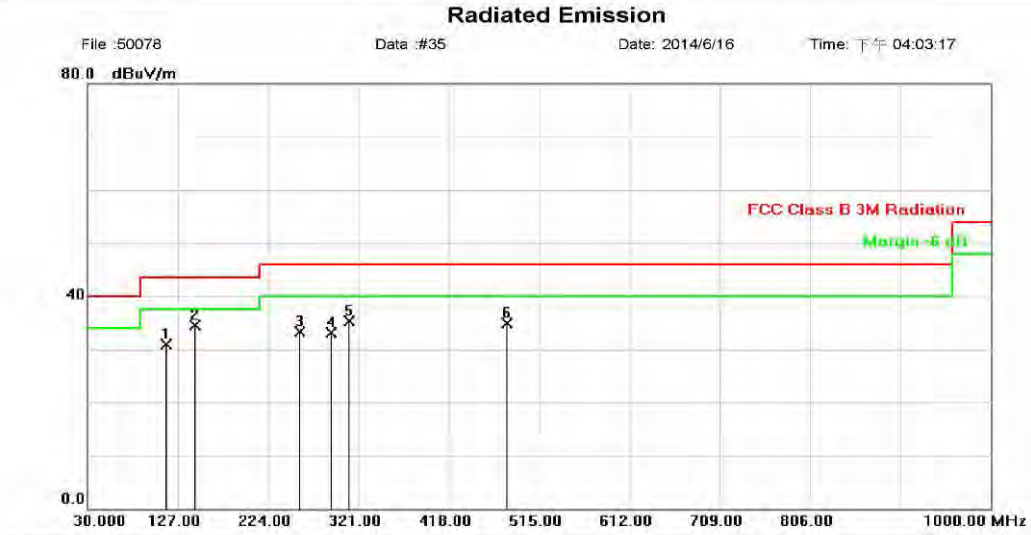
File :50078\Data :#46 *Page: 1*

Operation Mode	Config 3 Data Link (Read)	Test Date	Jun. 16, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 3 Data Link(Read)
Note:

Polarization: *Vertical*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 68 %



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		114.6800	45.63	-14.77	30.86	43.50	-12.64	QP	
2	*	145.8400	46.30	-11.81	34.49	43.50	-9.01	QP	
3		258.7120	45.87	-12.52	33.35	46.00	-12.65	QP	
4		291.2720	44.53	-11.36	33.17	46.00	-12.83	QP	
5		311.5550	46.17	-10.79	35.38	46.00	-10.62	QP	
6		480.5450	41.94	-7.13	34.81	46.00	-11.19	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#35 *Page: 1*

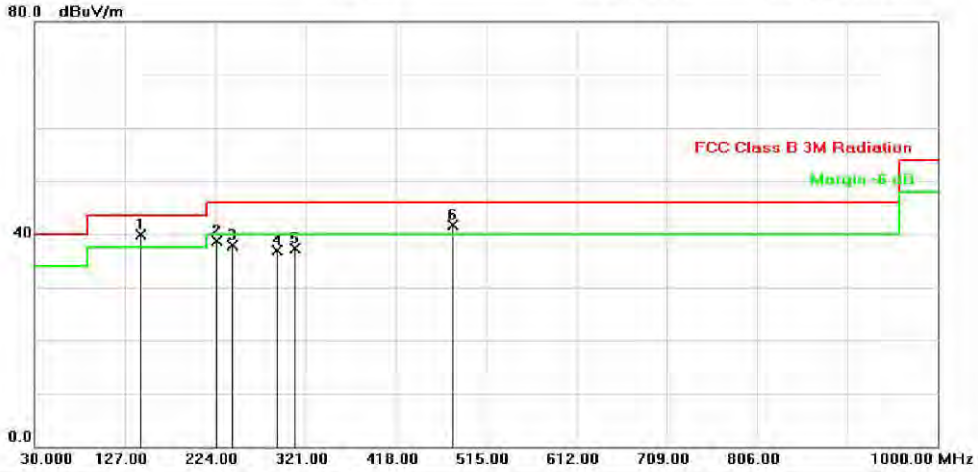
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 3 Data Link(Read)
Note:

Polarization: *Horizontal*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 68 %

Radiated Emission

File :50078 Data :#36 Date: 2014/6/16 Time: 下午 04:35:21



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	144.4750	51.72	-11.85	39.87	43.50	-3.63	QP	
2		226.5400	52.55	-13.86	38.69	46.00	-7.31	QP	
3		242.3750	50.61	-12.74	37.87	46.00	-8.13	QP	
4		290.7690	48.28	-11.37	36.91	46.00	-9.09	QP	
5		310.4350	48.13	-10.82	37.31	46.00	-8.69	QP	
6	!	479.9920	48.76	-7.13	41.63	46.00	-4.37	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#36 *Page: 1*

Operation Mode	Config 3 Data Link Micro SD (Write)	Test Date	Jun. 16, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

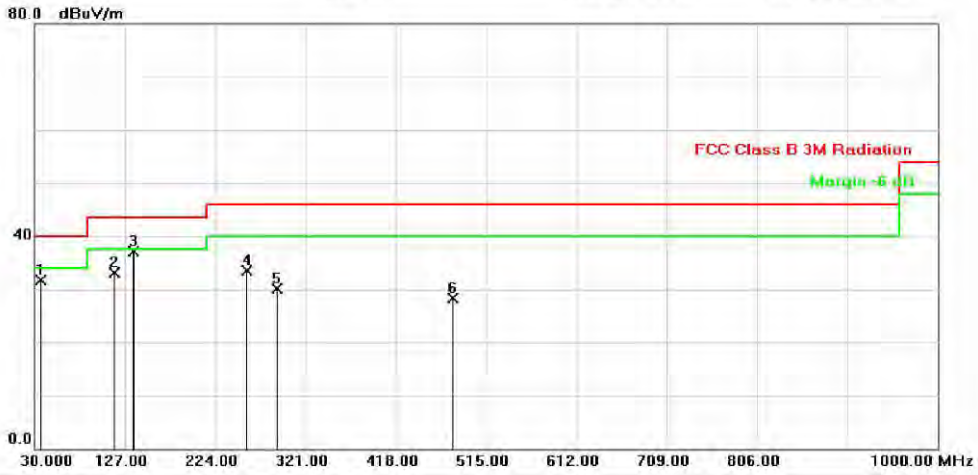
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 3 Data Link Micro SD(Write)
Note:

Polarization: *Vertical*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 68 %

Radiated Emission

File :50078 Data :#37 Date: 2014/6/16 Time: 下午 05:08:40



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		37.5700	44.08	-12.44	31.64	40.00	-8.36	QP	
2		116.0300	47.67	-14.61	33.06	43.50	-10.44	QP	
3	*	136.7050	49.33	-12.19	37.14	43.50	-6.36	QP	
4		258.6300	46.12	-12.52	33.60	46.00	-12.40	QP	
5		291.0450	41.52	-11.37	30.15	46.00	-15.85	QP	
6		479.9400	35.49	-7.13	28.36	46.00	-17.64	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#37 *Page: 1*

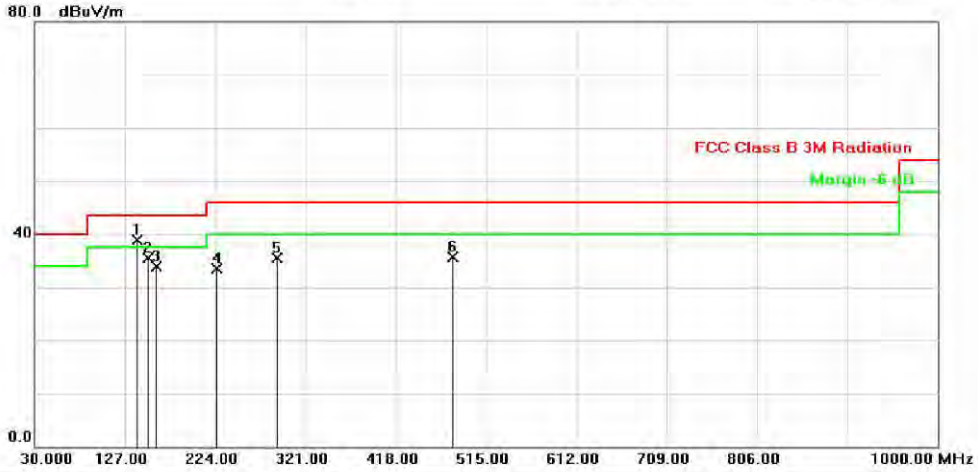
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation
Mode: Config 3 Data Link Micro SD(Write)
Note:

Polarization: *Horizontal*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 68 %

Radiated Emission

File :50078 Data :#38 Date: 2014/6/16 Time: 下午 05:43:34



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	140.2650	50.75	-11.94	38.81	43.50	-4.69	QP	
2		151.7370	47.18	-11.64	35.54	43.50	-7.96	QP	
3		161.7950	45.27	-11.32	33.95	43.50	-9.55	QP	
4		226.4610	47.34	-13.87	33.47	46.00	-12.53	QP	
5		291.1720	46.89	-11.36	35.53	46.00	-10.47	QP	
6		480.0200	42.74	-7.13	35.61	46.00	-10.39	QP	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#38 *Page: 1*

Above 1GHz

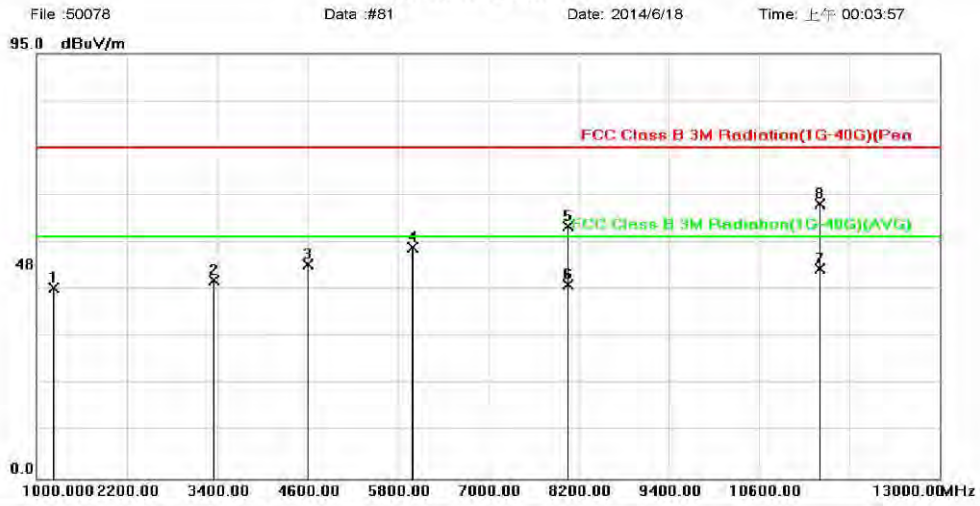
Operation Mode	Config 1 EVDO BC0	Test Date	Jun. 18, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config1 EVDO BC0
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1228.228	53.27	-10.60	42.67	74.00	-31.33	peak	
2		3366.366	46.54	-2.31	44.23	74.00	-29.77	peak	
3		4603.604	46.37	1.51	47.88	74.00	-26.12	peak	
4		5996.997	46.92	4.79	51.71	74.00	-22.29	peak	
5		8063.063	46.24	10.12	56.36	74.00	-17.64	peak	
6		8064.250	33.17	10.12	43.29	54.00	-10.71	AVG	
7	*	11413.348	28.55	18.46	47.01	54.00	-6.99	AVG	
8		11414.414	42.84	18.46	61.30	74.00	-12.70	peak	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#81 *Page: 1*

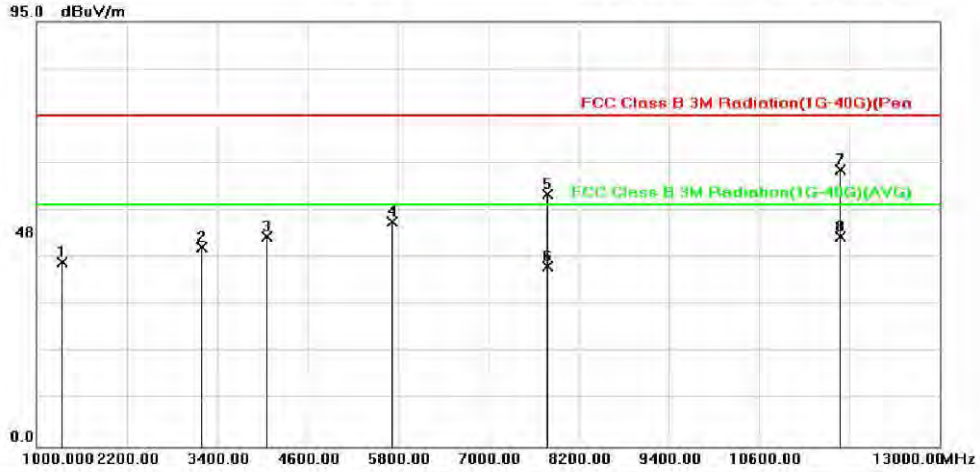
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config1 EVDO BC0
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#82 Date: 2014/6/18 Time: 上午 00:13:43



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1336.336	50.99	-9.88	41.11	74.00	-32.89	peak	
2		3198.198	47.17	-2.59	44.58	74.00	-29.42	peak	
3		4063.063	47.15	-0.24	46.91	74.00	-27.09	peak	
4		5720.721	46.38	3.94	50.32	74.00	-23.68	peak	
5		7786.787	46.59	9.78	56.37	74.00	-17.63	peak	
6		7787.142	30.41	9.78	40.19	54.00	-13.81	AVG	
7		11678.678	43.76	18.21	61.97	74.00	-12.03	peak	
8	*	11679.816	28.62	18.21	46.83	54.00	-7.17	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#82 *Page: 1*

Operation Mode	Config 1 LTE B26	Test Date	Jun. 17, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

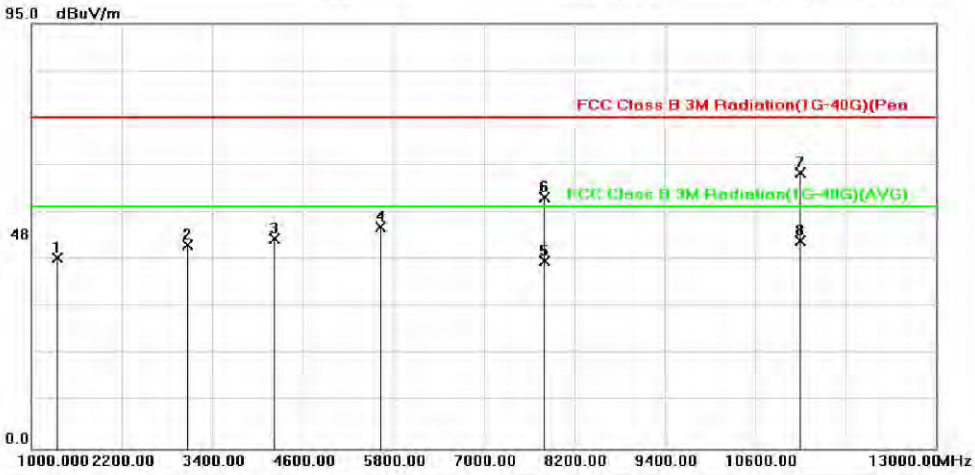
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 1 LTE B26
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#73 Date: 2014/6/17 Time: 下午 10:27:13



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1336.000	51.83	-9.18	42.65	74.00	-31.35	peak	
2		3064.000	47.25	-1.77	45.48	74.00	-28.52	peak	
3		4216.000	46.48	0.53	47.01	74.00	-26.99	peak	
4		5632.000	45.72	3.87	49.59	74.00	-24.41	peak	
5		7803.800	31.78	10.18	41.96	54.00	-12.04	AVG	
6		7804.000	45.93	10.18	56.11	74.00	-17.89	peak	
7		11200.000	43.06	18.53	61.59	74.00	-12.41	peak	
8	*	11200.220	27.93	18.53	46.46	54.00	-7.54	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#73 *Page: 1*

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 1 LTE B26
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26 °C
Humidity: 69 %

Radiated Emission

File :50078 Data :#74 Date: 2014/6/17 Time: 下午 10:37:20

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1444.000	50.91	-8.30	42.61	74.00	-31.39	peak	
2		3004.000	47.67	-1.79	45.88	74.00	-28.12	peak	
3		3880.000	46.10	-0.56	45.54	74.00	-28.46	peak	
4		5428.000	46.09	3.34	49.43	74.00	-24.57	peak	
5		8019.700	31.57	10.53	42.10	54.00	-11.90	AVG	
6		8020.000	45.78	10.53	56.31	74.00	-17.69	peak	
7	*	11415.800	27.28	18.94	46.22	54.00	-7.78	AVG	
8		11416.000	43.38	18.94	62.32	74.00	-11.68	peak	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#74 *Page: 1*

Operation Mode	Config 1 H Patten+1 kHz	Test Date	Jun. 17, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

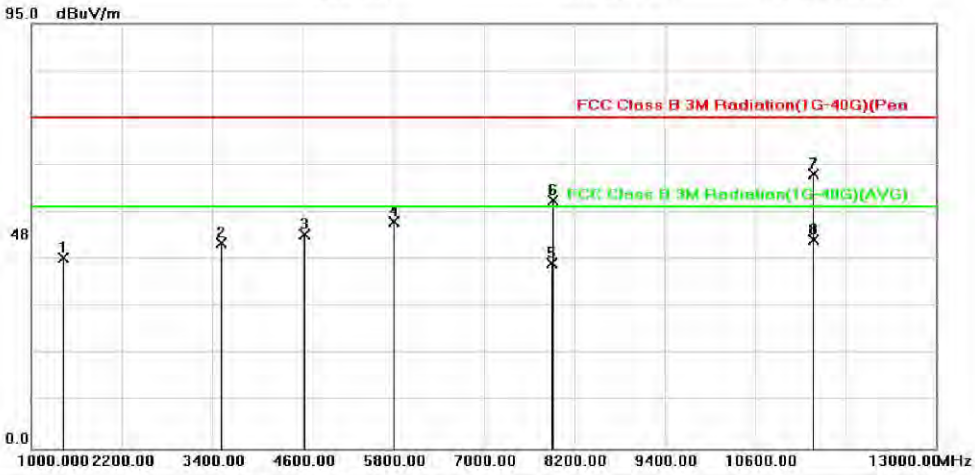
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 1 H Patten+1KHz
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#65 Date: 2014/6/17 Time: 下午 08:04:26



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1420.000	51.01	-8.49	42.52	74.00	-31.48	peak	
2		3520.000	47.42	-1.52	45.90	74.00	-28.10	peak	
3		4624.000	45.97	1.86	47.83	74.00	-26.17	peak	
4		5812.000	46.15	4.47	50.62	74.00	-23.38	peak	
5		7911.860	30.96	10.37	41.33	54.00	-12.67	AVG	
6		7912.000	45.10	10.37	55.47	74.00	-18.53	peak	
7		11380.000	42.53	18.88	61.41	74.00	-12.59	peak	
8	*	11380.180	27.88	18.88	46.76	54.00	-7.24	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#65 *Page: 1*

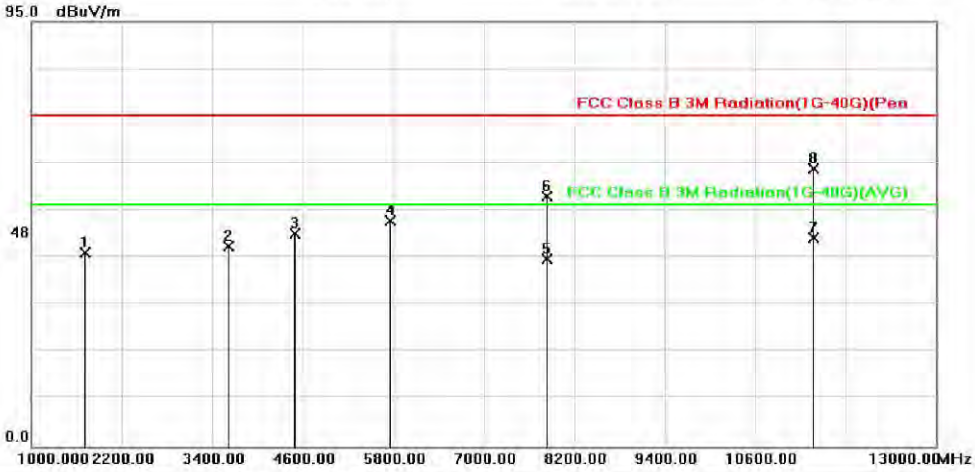
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 1 H Patten+1KHz
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26 °C
Humidity: 69 %

Radiated Emission

File :50078 Data :#66 Date: 2014/6/17 Time: 下午 08:14:10



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1708.000	50.28	-7.00	43.28	74.00	-30.72	peak	
2		3616.000	46.13	-1.26	44.87	74.00	-29.13	peak	
3		4492.000	46.17	1.53	47.70	74.00	-26.30	peak	
4		5764.000	46.20	4.31	50.51	74.00	-23.49	peak	
5		7839.840	31.61	10.24	41.85	54.00	-12.15	AVG	
6		7840.000	45.64	10.24	55.88	74.00	-18.12	peak	
7	*	11379.780	27.87	18.88	46.75	54.00	-7.25	AVG	
8		11380.000	43.14	18.88	62.02	74.00	-11.98	peak	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#66 *Page: 1*

Operation Mode	Config 2 FM 88.1 MHz	Test Date	Jun. 23, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

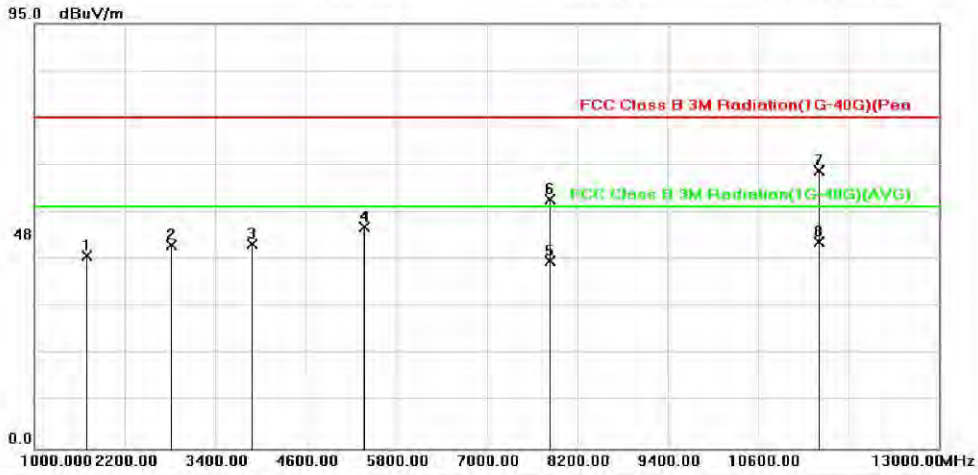
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 2 FM 88.1MHz
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26 °C
Humidity: 67 %

Radiated Emission

File :50078 Data :#89 Date: 2014/6/23 Time: 下午 08:16:22



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1696.000	50.13	-7.04	43.09	74.00	-30.91	peak	
2		2812.000	48.53	-2.97	45.56	74.00	-28.44	peak	
3		3880.000	46.21	-0.56	45.65	74.00	-28.35	peak	
4		5380.000	46.24	3.28	49.52	74.00	-24.48	peak	
5		7839.780	31.73	10.24	41.97	54.00	-12.03	AVG	
6		7840.000	45.53	10.24	55.77	74.00	-18.23	peak	
7		11404.000	43.14	18.93	62.07	74.00	-11.93	peak	
8	*	11404.140	27.35	18.93	46.28	54.00	-7.72	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#89 *Page: 1*

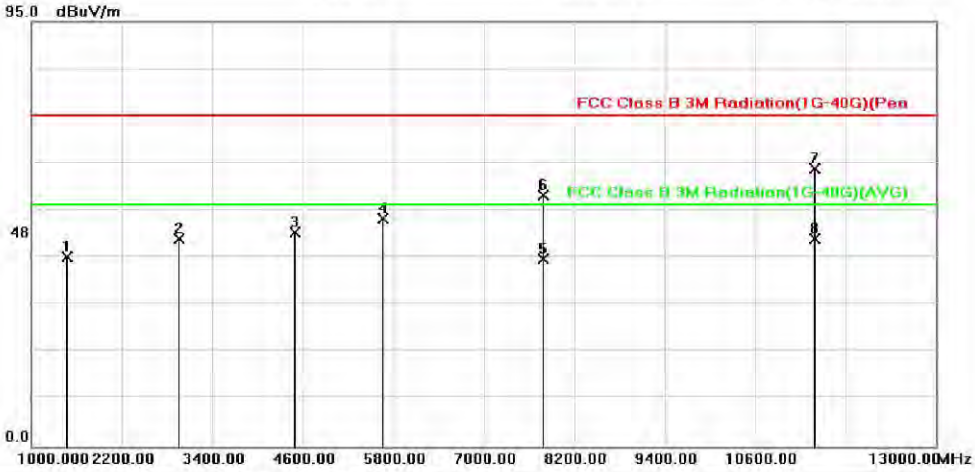
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 2 FM 88.1MHz
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26 °C
Humidity: 67 %

Radiated Emission

File :50078 Data :#90 Date: 2014/6/23 Time: 下午 08:26:34



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1468.000	50.55	-8.10	42.45	74.00	-31.55	peak	
2		2956.000	48.47	-2.07	46.40	74.00	-27.60	peak	
3		4492.000	46.28	1.53	47.81	74.00	-26.19	peak	
4		5668.000	46.93	3.99	50.92	74.00	-23.08	peak	
5		7791.560	31.83	10.15	41.98	54.00	-12.02	AVG	
6		7792.000	45.93	10.16	56.09	74.00	-17.91	peak	
7		11392.000	43.25	18.90	62.15	74.00	-11.85	peak	
8	*	11392.120	27.55	18.90	46.45	54.00	-7.55	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#90 *Page: 1*

Operation Mode	Config 3 Data Link (Read)	Test Date	Jun. 17, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 3 Data Link(Read)
Note:

Polarization: *Vertical*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#55 Date: 2014/6/17 Time: 下午 05:33:12

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1672.000	52.78	-7.14	45.64	74.00	-28.36	peak	
2		1996.000	55.00	-5.83	49.17	74.00	-24.83	peak	
3		3748.000	47.01	-0.91	46.10	74.00	-27.90	peak	
4		5176.000	46.15	3.02	49.17	74.00	-24.83	peak	
5		8259.800	30.71	10.66	41.37	54.00	-12.63	AVG	
6		8260.000	45.13	10.66	55.79	74.00	-18.21	peak	
7		11356.000	43.65	18.83	62.48	74.00	-11.52	peak	
8	*	11356.200	28.07	18.83	46.90	54.00	-7.10	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#55 *Page: 1*

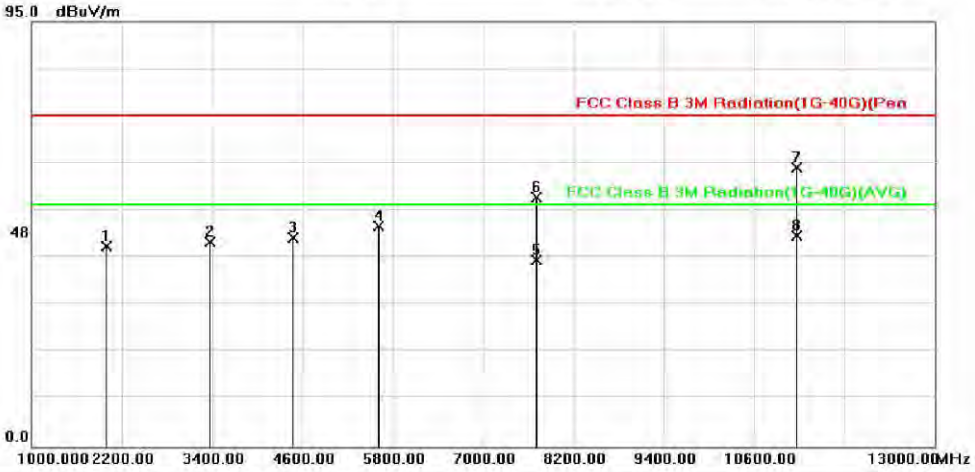
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 3 Data Link(Read)
Note:

Polarization: *Horizontal*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#56 Date: 2014/6/17 Time: 下午 05:43:27



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1996.000	50.50	-5.83	44.67	74.00	-29.33	peak	
2		3376.000	47.39	-1.61	45.78	74.00	-28.22	peak	
3		4480.000	45.10	1.48	46.58	74.00	-27.42	peak	
4		5620.000	45.34	3.84	49.18	74.00	-24.82	peak	
5		7707.720	31.74	10.00	41.74	54.00	-12.26	AVG	
6		7708.000	45.59	10.00	55.59	74.00	-18.41	peak	
7		11164.000	43.99	18.45	62.44	74.00	-11.56	peak	
8	*	11164.160	28.61	18.45	47.06	54.00	-6.94	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#56 *Page: 1*

Operation Mode	Config 3 Data Link Micro SD (Write)	Test Date	Jun. 17, 2014
Tested By	Jeffery Chou	Pol	Ver. and Hor.

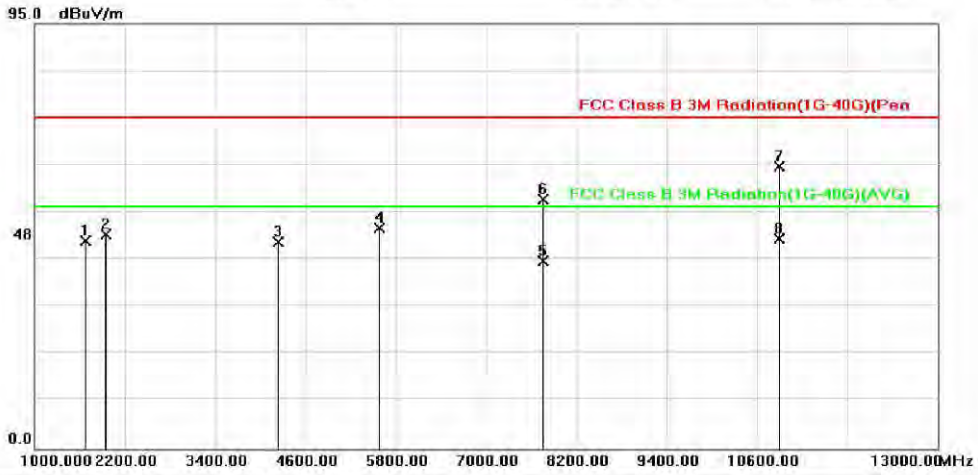
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 3 Data Link Micro SD(Write)
Note:

Polarization: *Vertical*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#57 Date: 2014/6/17 Time: 下午 05:53:20



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1672.000	53.51	-7.14	46.37	74.00	-27.63	peak	
2		1948.000	53.84	-6.03	47.81	74.00	-26.19	peak	
3		4240.000	45.53	0.62	46.15	74.00	-27.85	peak	
4		5584.000	45.53	3.72	49.25	74.00	-24.75	peak	
5		7755.780	31.77	10.09	41.86	54.00	-12.14	AVG	
6		7756.000	45.67	10.09	55.76	74.00	-18.24	peak	
7		10888.000	45.65	17.50	63.15	74.00	-10.85	peak	
8	*	10888.220	29.35	17.50	46.85	54.00	-7.15	AVG	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#57 *Page: 1*

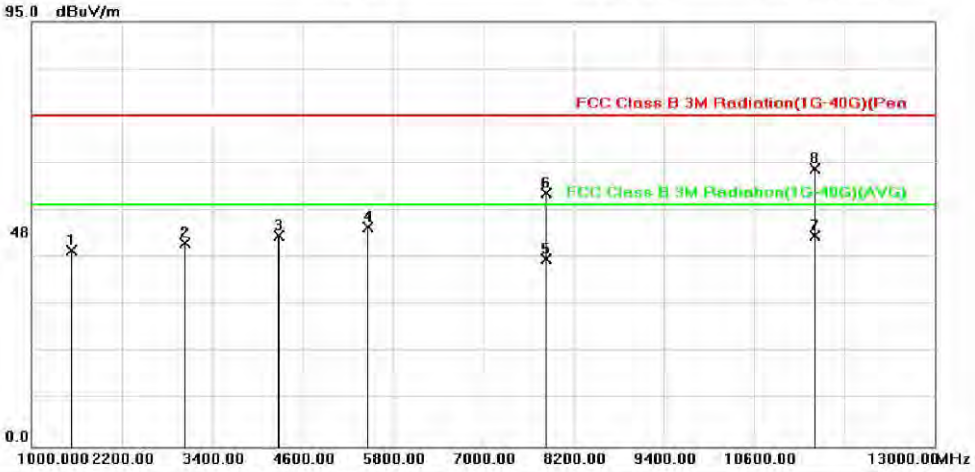
Site :966-2 Chamber
Limit: FCC Class B 3M Radiation(1G-40G)(Pea
Mode: Config 3 Data Link Micro SD(Write)
Note:

Polarization: *Horizontal*
Power: From System
Distance:

Temperature: 26 ℃
Humidity: 69 %

Radiated Emission

File :50078 Data :#58 Date: 2014/6/17 Time: 下午 06:03:15



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1528.000	51.57	-7.71	43.86	74.00	-30.14	peak	
2		3040.000	47.16	-1.77	45.39	74.00	-28.61	peak	
3		4288.000	46.27	0.79	47.06	74.00	-26.94	peak	
4		5476.000	45.61	3.40	49.01	74.00	-24.99	peak	
5		7839.720	31.66	10.24	41.90	54.00	-12.10	AVG	
6		7840.000	46.36	10.24	56.60	74.00	-17.40	peak	
7	*	11403.900	28.28	18.93	47.21	54.00	-6.79	AVG	
8		11404.000	43.13	18.93	62.06	74.00	-11.94	peak	

*:Maximum data x:Over limit !:over margin

File :50078\Data :#58 *Page: 1*