ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

UN-INTENTIONAL RADIATOR CERTIFICATION TO

FCC PART 15 SUBPART B REQUIREMENT

OF

Product Name:	**PDA Phone**
Brand Name:	**Sony**
Type No.:	**PM-0871-BV**
Added Model(s):	**N/A**
Model Difference:	**N/A**
FCC ID:	**PY7-PM0871**
Report No.:	**EM/2015/40074**
Issue Date:	**Jul. 16, 2015**
FCC Rule Part:	**FCC Part 15:2015, Subpart B, Class B**
Prepared for:	**Sony Mobile Communications AB Nya Vattentornet 22188 Lund/SWEDEN**
Prepared by:	**SGS Taiwan Ltd. Electronics & Communication Laboratory No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803**

Note: *This report shall not be reproduced except in full, without the written approval of SGS Taiwan Ltd. This document may be altered or revised by SGS Taiwan Ltd. personnel only, and shall be noted in the revision section of the document.*

VERIFICATION OF COMPLIANCE

Applicant:	Sony Mobile Communications AB Nya Vattentornet 22188 Lund/SWEDEN
Manufacturer:	Sony Mobile Communications AB Nya Vattentornet 22188 Lund/SWEDEN
Product Name:	PDA Phone
Brand Name:	Sony
Type No.:	PM-0871-BV
Added Model(s):	N/A
Model Difference:	N/A
FCC ID:	PY7-PM0871
File Number:	EM/2015/40074
Date of EUT Received:	Apr. 23, 2015
Date of test:	Apr. 28 ~ Jun. 30, 2015
Issue Date:	Jul. 16, 2015
Standards:	**FCC Part 15:2015, Subpart B, Class B**

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2009) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15B, Class B. The test results of this report relate only to the tested sample identified in this report.

Tested By:	Eddy Cheng	***Date:***	Jul. 16, 2015
	Eddy Cheng / Engineer		
Prepared By:	Fanny Chen	***Date:***	Jul. 16, 2015
	Fanny Chen / Clerk		
Approved By:	Victor Wen	***Date:***	Jul. 16, 2015
	Victor Wen / Assistant Manager		

Revision History

Report Number	Revision	Description	Issue Date
EM/2015/40074	Rev.00	Initial Version	Jul. 16, 2015

Contents

1. General Information

1.1 Product description

General:

Product Name:	PDA Phone	
Brand Name:	Sony	
Type No.:	PM-0871-BV	
Added Model(s):	N/A	
Model Difference:	N/A	
Data Cable (USB):	Model No.: EC450, Supplier: K-one Type No.: 1242-6715.3, Length: 100 cm	
Simple Hands-Free (SHF-White):	Model No.: MH410c, Supplier: Foster Electric Type No.: AG-1100	
Car Charger:	Model No.: AN400, Supplier: Salcomp Type No.: CAA-0003013	
BT PHF:	Model No.: MW600, Supplier: BALDA, Type No.: DDA-0002029.B coupling with Simple Hands Free (Model No.: : MH755, Supplier: BALDA, Type No.: AG-0502)	
Hardware Version:	A	
Software Version:	30.0.B.1.10	
Power Supply:	3.8Vdc	
	Battery:	Model No.: AGPB016-A001, Supplier: Sony Type No.: N/A
	Adapter:	Model No.: EP800, Supplier: Phihong Type No.: AC-0300-US
		Model No.: EP800, Supplier: Salcomp Type No.: AC-0030-US
IMEI:	004402454437876 004402454437884	

GSM / WCDMA / LTE:

	Operating Frequency		Rated Power
Cellular Phone Standards Frequency Range and Power	GSM/GPRS 850	824.2 MHz– 848.8 MHz	33dBm
	EDGE 850	824.2 MHz– 848.8 MHz	27dBm
	GSM/GPRS 1900	1850.2MHz – 1909.8MHz	30dBm
	EDGE 1900	1850.2MHz – 1909.8MHz	26dBm
	WCDMA/HSUPA/HSDPA /HSPA+ Band II	1852.4MHz – 1907.6MHz	24dBm
	WCDMA/HSUPA/HSDPA /HSPA+ Band V	826.4MHz - 846.6MHz	24dBm
	LTE-Band 2 (Bandwidth 1.4MHz)	1850.7MHz– 1909.3MHz	23dBm
	LTE-Band 2 (Bandwidth 3MHz)	1851.5MHz – 1908.5MHz	23dBm
	LTE-Band 2 (Bandwidth 5MHz)	1852.5MHz – 1907.5MHz	23dBm
	LTE-Band 2 (Bandwidth 10MHz)	1855.0MHz – 1905.0MHz	23dBm
	LTE-Band 2 (Bandwidth 15MHz)	1857.5MHz – 1902.5MHz	23dBm
	LTE-Band 2 (Bandwidth 20MHz)	1860.0MHz – 1900.0MHz	23dBm
	LTE-Band 4 (Bandwidth 1.4MHz)	1710.7MHz– 1754.3MHz	23dBm
	LTE-Band 4 (Bandwidth 3MHz)	1711.5MHz – 1753.5MHz	23dBm
	LTE-Band 4 (Bandwidth 5MHz)	1712.5MHz – 1752.5MHz	23dBm
	LTE-Band 4 (Bandwidth 10MHz)	1715MHz – 1750MHz	23dBm
	LTE-Band 4 (Bandwidth 15MHz)	1717.5MHz – 1747.5MHz	23dBm
	LTE-Band 4 (Bandwidth 20MHz)	1720MHz – 1745MHz	23dBm

Cellular Phone Standards Frequency Range and Power	Operating Frequency		Rated Power
	LTE-Band 5 (Bandwidth 1.4MHz)	824.7MHz – 848.3MHz	23dBm
	LTE-Band 5 (Bandwidth 3MHz)	825.5MHz – 847.5MHz	23dBm
	LTE-Band 5 (Bandwidth 5MHz)	826.5MHz – 846.5MHz	23dBm
	LTE-Band 5 (Bandwidth 10MHz)	829.0MHz – 844.0MHz	23dBm
	LTE-Band 7 (Bandwidth 5MHz)	2502.5MHz – 2567.5MHz	23dBm
	LTE-Band 7 (Bandwidth 10MHz)	2505.0MHz – 2565.0MHz	23dBm
	LTE-Band 7 (Bandwidth 15MHz)	2507.5MHz – 2562.5MHz	23dBm
	LTE-Band 7 (Bandwidth 20MHz)	2510.0MHz – 2560MHz	23dBm

Type of Emission:	GSM 850	251KGXW
	EDGE 850	257KG7W
	GSM 1900	253KGXW
	EDGE 1900	246KG7W
	WCDMA Band II	4M21F9W
	WCDMA Band V	4M24F9W
	HSDPA Band II	4M23F9W
	HSDPA Band V	4M24F9W
	HSUPA Band II	4M21F9W
	HSUPA Band V	4M23F9W
	LTE-Band 2 (Bandwidth 1.4MHz) QPSK	1M10G7D
	LTE-Band 2 (Bandwidth 1.4MHz) 16QAM	1M10D7W
	LTE-Band 2 (Bandwidth 3MHz) QPSK	2M71G7D
	LTE-Band 2 (Bandwidth 3MHz) 16QAM	2M72D7W
	LTE-Band 2 (Bandwidth 5MHz) QPSK	4M54G7D
	LTE-Band 2 (Bandwidth 5MHz) 16QAM	4M53D7W
	LTE-Band 2 (Bandwidth 10MHz) QPSK	9M02G7D
	LTE-Band 2 (Bandwidth 10MHz) 16QAM	8M98D7W
	LTE-Band 2 (Bandwidth 15MHz) QPSK	13M5G7D
	LTE-Band 2 (Bandwidth 15MHz) 16QAM	13M5D7W
	LTE-Band 2 (Bandwidth 20MHz) QPSK	18M0G7D
	LTE-Band 2 (Bandwidth 20MHz) 16QAM	18M0D7W
	LTE-Band 4 (Bandwidth 1.4MHz) QPSK	1M10G7D
	LTE-Band 4 (Bandwidth 1.4MHz) 16QAM	1M10D7W
	LTE-Band 4 (Bandwidth 3MHz) QPSK	2M72G7D
	LTE-Band 4 (Bandwidth 3MHz) 16QAM	2M71D7W
	LTE-Band 4 (Bandwidth 5MHz) QPSK	4M52G7D
	LTE-Band 4 (Bandwidth 5MHz) 16QAM	4M52D7W
	LTE-Band 4 (Bandwidth 10MHz) QPSK	9M01G7D
	LTE-Band 4 (Bandwidth 10MHz) 16QAM	8M97D7W
	LTE-Band 4 (Bandwidth 15MHz) QPSK	13M5G7D
	LTE-Band 4 (Bandwidth 15MHz) 16QAM	13M5D7W
	LTE-Band 4 (Bandwidth 20MHz) QPSK	18M0G7D
	LTE-Band 4 (Bandwidth 20MHz) 16QAM	18M0D7W

Type of Emission:	LTE-Band 5 (Bandwidth 1.4MHz) QPSK	1M10G7D
	LTE-Band 5 (Bandwidth 1.4MHz) 16QAM	1M10D7W
	LTE-Band 5 (Bandwidth 3MHz) QPSK	2M75G7D
	LTE-Band 5 (Bandwidth 3MHz) 16QAM	2M71D7W
	LTE-Band 5 (Bandwidth 5MHz) QPSK	4M49G7D
	LTE-Band 5 (Bandwidth 5MHz) 16QAM	4M52D7W
	LTE-Band 5 (Bandwidth 10MHz) QPSK	8M99G7D
	LTE-Band 5 (Bandwidth 10MHz) 16QAM	9M00D7W
	LTE-Band 7 (Bandwidth 5MHz) QPSK	4M51G7D
	LTE-Band 7 (Bandwidth 5MHz) 16QAM	4M51D7W
	LTE-Band 7 (Bandwidth 10MHz) QPSK	9M01G7D
	LTE-Band 7 (Bandwidth 10MHz) 16QAM	9M00D7W
	LTE-Band 7 (Bandwidth 15MHz) QPSK	13M5G7D
	LTE-Band 7 (Bandwidth 15MHz) 16QAM	13M5D7W
	LTE-Band 7 (Bandwidth 20MHz) QPSK	18M0G7D
	LTE-Band 7 (Bandwidth 20MHz) 16QAM	18M0D7W

Bluetooth_BR+EDR:

Bluetooth Version:	V4.0 + HS
Channel number:	79 channels
Modulation type:	Frequency Hopping Spread Spectrum
Transmit Power:	11.64dBm
Frequency Range:	2.402GHz – 2.480GHz
Dwell Time:	<= 0.4s
Antenna Designation:	PIFA Antenna, Gain: -3.80dBi

Bluetooth Low Energy:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V4.0 dual mode
Channel number:	40 channels
Modulation type:	GFSK
Transmit Power:	1.93dBm
Antenna Designation:	PIFA Antenna, Gain: -3.80dBi

WLAN 2.4GHz:

Wi-Fi	Frequency Range	Channels	Rated Power	Modulation Technology
11b/g	2412-2462	11	b: 19.59dBm g: 22.96dBm	DSSS, OFDM
11n	HT20 2412-2462	11	HT20: 21.96dBm	OFDM
11n	HT40 2422-2452	7	HT40: 22.13dBm	OFDM
Antenna Designation:		PIFA Antenna, Gain: -3.80dBi		
Modulation type:		CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM		
Transition Rate:		802.11 b: up to 11 Mbps; 802.11 g: up to 54 Mbps 802.11 n_20MHz: up to 72.2Mbps 802.11 n_40MHz: up to 135Mbps		

WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Rated Power (Avg.)	Modulation Technology
11a	5150~5250	4	12.92dBm	OFDM
	5250~5350	4	12.99dBm	
	5470~5725	11	12.99dBm	
	5725-5850	5	12.98dBm	
11n	HT20 5150~5250	4	11.92dBm	OFDM
	HT20 5250~5350	4	11.97dBm	
	HT20 5470~5725	11	11.95dBm	
	HT20 5725-5850	5	11.98dBm	
11n	HT40 5150~5250	2	11.77dBm	OFDM
	HT40 5250~5350	2	11.98dBm	
	HT40 5470~5725	5	11.89dBm	
	HT40 5725-5850	2	11.90dBm	
Antenna Designation			PIFA Antenna, 5GHz Gain: -6.18dBi (5150MHz-5250MHz) 5GHz Gain: -5.23dBi (5250MHz-5350MHz) 5GHz Gain: -4.84dBi (5470MHz-5725MHz) 5GHz Gain: -5.08dBi (5725MHz-5850MHz)	
Modulation type			64QAM, 16QAM, QPSK, BPSK for OFDM	
Transition Rate:			802.11 a: 6/9/12/18/24/36/48/54 Mbps 802.11 n_20MHz: 6.5 – 65.0Mbps 802.11 n_40MHz: 13.5 – 135.0Mbps	

NFC:

Operating Frequency:	13.56MHz
Transmit Power:	< 123.90dBuV/m at 3m.
Number of Channels:	1
Antenna Type:	Loop Antenna
Modulation Type:	ASK, BPSK

1.2 Test Plan

Test Plan:

PM-0871-BV	*Config 1*	*Config 2*	*Config 3*
Applicable standard (FCC 15B)			
Accessories	EUT +USB Cable(EC450) +SHF(MH410c)	EUT + AC Adapter(EP800) +USB Cable(EC450) +SHF(MH410c)	EUT + 2nd(Salcomp) AC Adapter(EP800) +USB Cable(EC450) +SHF(MH410c)
	DATA Link (USB)	CAMERA	CAMERA
	DATA Link(USB) + Idle(WWAN.WIFI.BT.GPS & NFC ON)	FULL SYSTEM + Idle(WWAN.WIFI.BT.GPS & NFC ON)	FULL SYSTEM + Idle(WWAN.WIFI.BT.GPS & NFC ON)
Description			
radiated emission	DATA Link (USB)	Recording/play recording/MP3	Recording
conducted emission (AC Power)	DATA Link (USB)	Recording/play recording/MP3	Recording

* Test Configuration required by client.

The given application is Single SIM build of certified product, PM-0872-BV. It differs only in the quantity of SIM card slot and DTV receiver function and PM-0872-BV with SWP_RF trace. Except for the change as for mentioned above, all hardware, software relevant to RF Parameter of Physical layer, I/O signal remains unchanged, and the data as measured in the authorization of PM-0872-BV, and remains, and entails representative.

This test report only revised the result of spot-check on Radiated Emission in order to reveal of the evidence of compliance record proving the implementation of Single SIM built cause no degradation as compared to build, PM-0872-BV.

1.3 Operation Procedure

1. Set down EUT with support units and turn on the power of all equipment.
2. Pressing mouse button continuously or move mouse cursor.
3. Pre-test the EUT in all modes by each model, then figure the worst case out.
4. Tests under the normal operation pattern.

1.4 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
Notebook	DELL	P37G	H55Z0Z1
Radio Communication Analyzer	R&S	CMU200	N/A
Mouse	HP	M-UAE96	390938-001
Printer	HP	DJ3820	CN34L181B1

1.5 Modification List

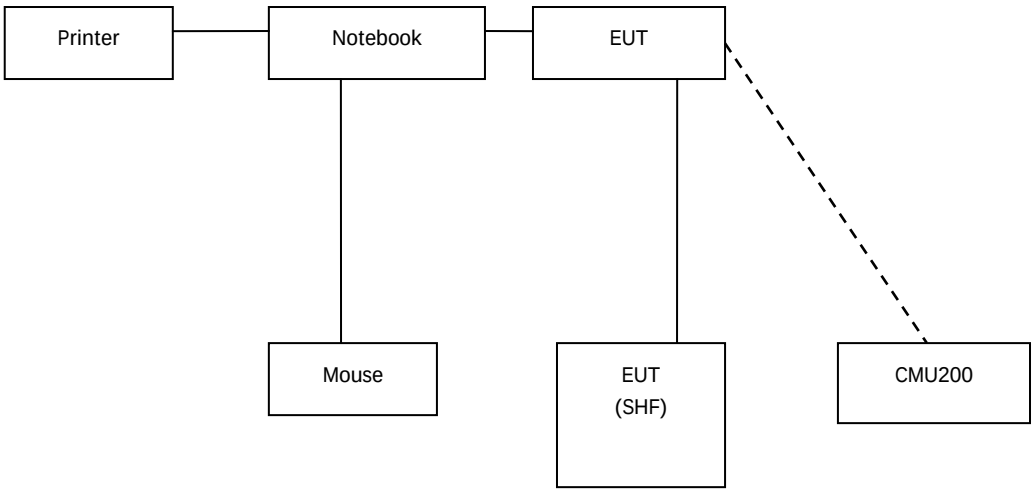
No modification by SGS Taiwan Electronics & Communication Laboratory.

1.6 Cable List

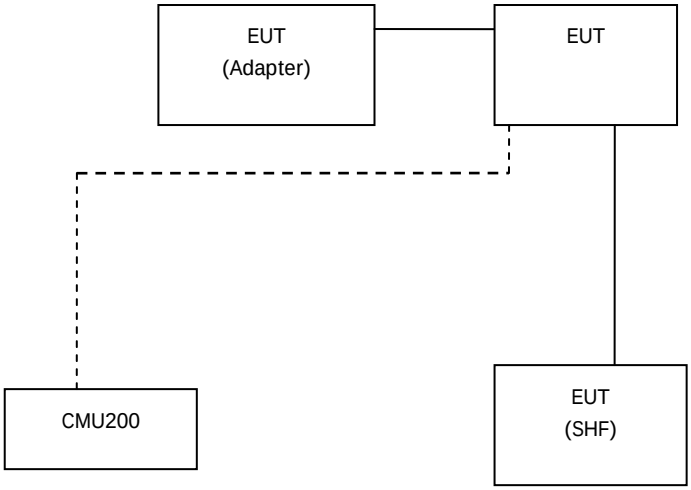
Cable Type	Length	Shielding / Non-shielding
USB cable with core near EUT, near Adapter	1.0 m	Shielding

1.7 Test Set-Up Configuration

Config 1



Config 2 & 3



1.8 Measurement Procedure

Conducted Emission Testing was performed according 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 9*6*6 3m Semi-Anechoic chamber test site. The EUT was placed in a 0.8m high table along with the peripherals. The turn table was separated from the antenna distance 3meters. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for maximum.

The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Reported are maximized emission levels.

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2009. FCC Registration Number: TW0513.

1.9 Standards Applicable for Testing

Table of 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

1.10 Summary of Results

Highest Emission					
Standard	**Test Type**	**Result**	**Phase / Polar.**	**Frequency(MHz)**	**Margin(dB)**
FCC Part 15 Subpart B Class B/ CISPR 22 Class B	Conducted Emission	PASS	Line	2.6783	-9.81(AVG)
			Neutral	2.6544	-7.59(AVG)
	Radiated Emission	PASS	Ver.	37.5050	-6.78(QP)

2. Radio Disturbance

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 Limit Of Conducted Emission Of 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 Limit Of Radiated Emissions Of 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	Dec. 30, 2014	Dec. 29, 2015
Coaxial Cables	N/A	WK CE Cable	N/A	Nov. 26, 2014	Nov. 25, 2015
LISN	SCHWARZBECK	NSLK 8127	8127-649	May 02, 2014	May 01, 2015
LISN	SCHWARZBECK	NSLK 8127	8127-649	May 05, 2015	May 04, 2016
LISN	FCC	FCC-LISN-50/250-25-2-01	04034	Mar. 13, 2015	Mar. 12, 2016
Communication Tester	R&S	CMU200	119988	Nov.25, 2014	Nov.24, 2015
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 : 24 degree C Humidity : 66 %RH

Atmospheric Pressure : 996 mBar

2.4.4 Uncertainty of Conducted Emission

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

2.4.5 Measurement level and Factor calculate method

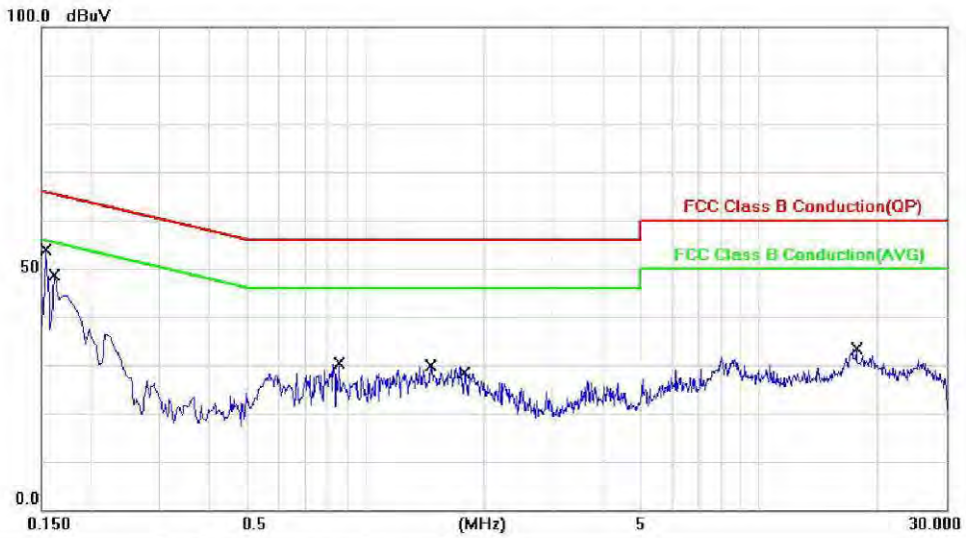
Factor = LISN insertion loss + Cable loss

Measurement Level = Reading Level + Factor

Over (Margin) = Measurement Level – Limit

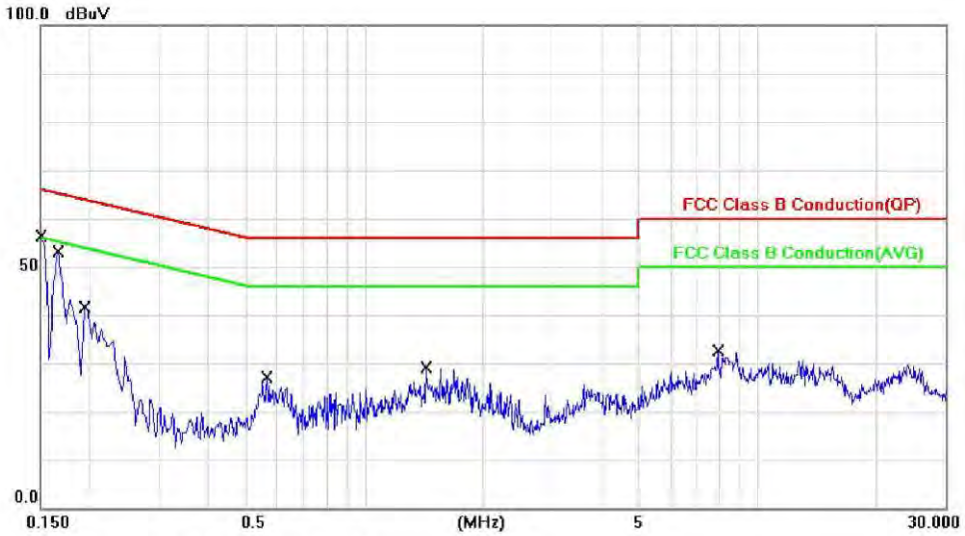
2.4.6 Measurement Data

Operation Mode:	Config 1 DATA Link (USB)-Internal Storage (Read)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



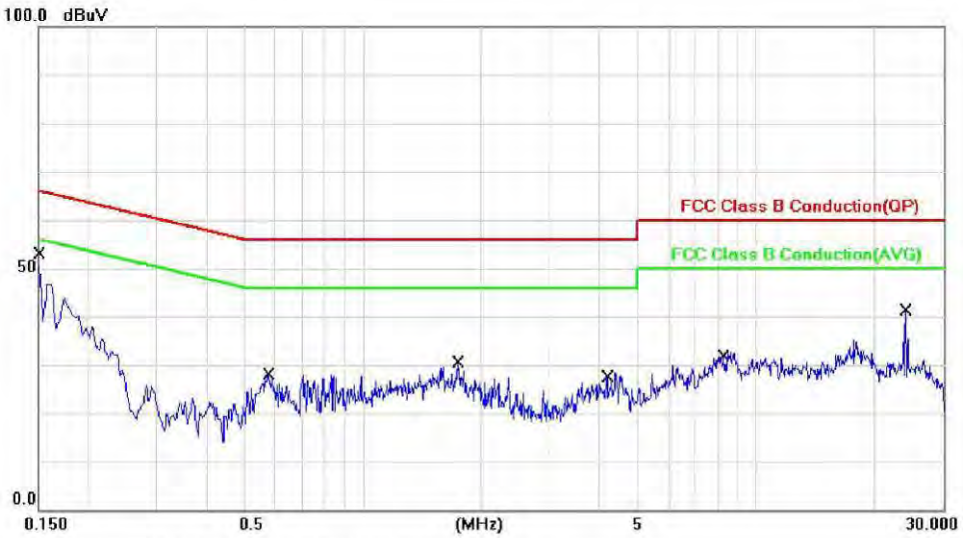
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1537	32.20	9.95	42.15	65.80	-23.65	QP	
2		0.1537	12.40	9.95	22.35	55.80	-33.45	AVG	
3		0.1621	31.70	9.95	41.65	65.36	-23.71	QP	
4		0.1621	12.70	9.95	22.65	55.36	-32.71	AVG	
5		0.8578	12.00	9.94	21.94	56.00	-34.06	QP	
6		0.8578	5.20	9.94	15.14	46.00	-30.86	AVG	
7		1.4700	12.10	9.95	22.05	56.00	-33.95	QP	
8		1.4700	4.00	9.95	13.95	46.00	-32.05	AVG	
9		1.7861	9.90	9.96	19.86	56.00	-36.14	QP	
10		1.7861	2.30	9.96	12.26	46.00	-33.74	AVG	
11		17.7305	12.80	10.19	22.99	60.00	-37.01	QP	
12		17.7305	5.50	10.19	15.69	50.00	-34.31	AVG	

Operation Mode:	Config 1 DATA Link (USB)-Internal Storage (Read)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



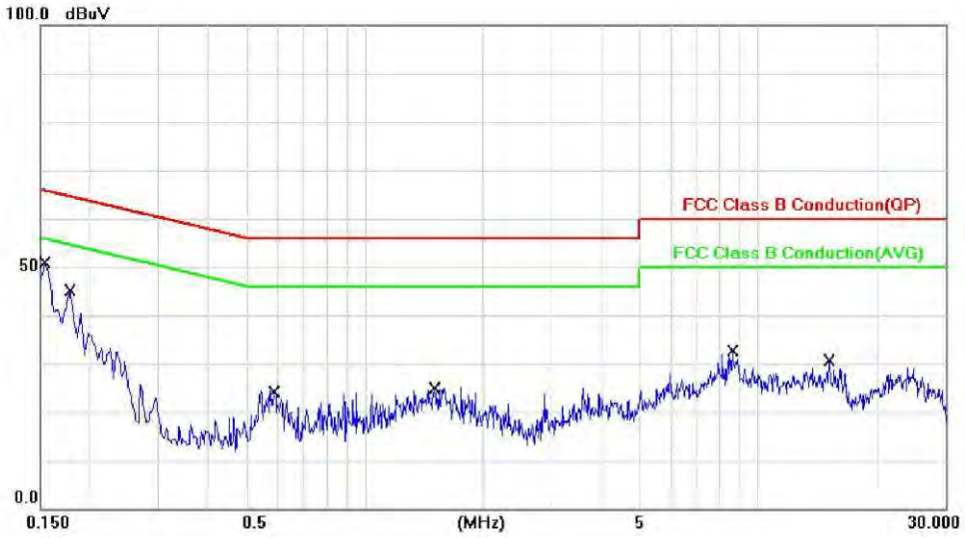
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	42.80	9.93	52.73	66.00	-13.27	QP	
2		0.1500	25.20	9.93	35.13	56.00	-20.87	AVG	
3		0.1660	38.40	9.93	48.33	65.16	-16.83	QP	
4		0.1660	17.70	9.93	27.63	55.16	-27.53	AVG	
5		0.1935	32.60	9.92	42.52	63.88	-21.36	QP	
6		0.1935	12.50	9.92	22.42	53.88	-31.46	AVG	
7		0.5660	12.00	9.92	21.92	56.00	-34.08	QP	
8		0.5660	2.40	9.92	12.32	46.00	-33.68	AVG	
9		1.4378	9.00	9.93	18.93	56.00	-37.07	QP	
10		1.4378	2.50	9.93	12.43	46.00	-33.57	AVG	
11		7.9141	13.10	10.06	23.16	60.00	-36.84	QP	
12		7.9141	6.70	10.06	16.76	50.00	-33.24	AVG	

Operation Mode:	Config 1 DATA Link (USB)-Internal Storage (Write)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



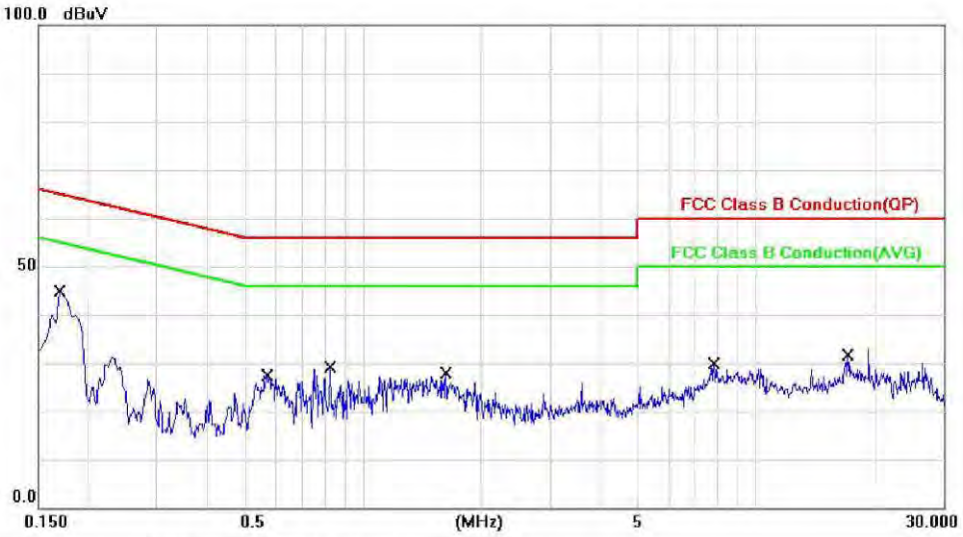
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	37.00	9.95	46.95	66.00	-19.05	QP	
2		0.1500	16.60	9.95	26.55	56.00	-29.45	AVG	
3		0.5777	14.20	9.93	24.13	56.00	-31.87	QP	
4		0.5777	6.00	9.93	15.93	46.00	-30.07	AVG	
5		1.7464	11.00	9.95	20.95	56.00	-35.05	QP	
6		1.7464	2.80	9.95	12.75	46.00	-33.25	AVG	
7		4.1902	12.20	10.00	22.20	56.00	-33.80	QP	
8		4.1902	6.30	10.00	16.30	46.00	-29.70	AVG	
9		8.3270	11.80	10.09	21.89	60.00	-38.11	QP	
10		8.3270	5.80	10.09	15.89	50.00	-34.11	AVG	
11		24.0740	10.70	10.32	21.02	60.00	-38.98	QP	
12		24.0740	4.70	10.32	15.02	50.00	-34.98	AVG	

Operation Mode:	Config 1 DATA Link (USB)-Internal Storage (Write)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



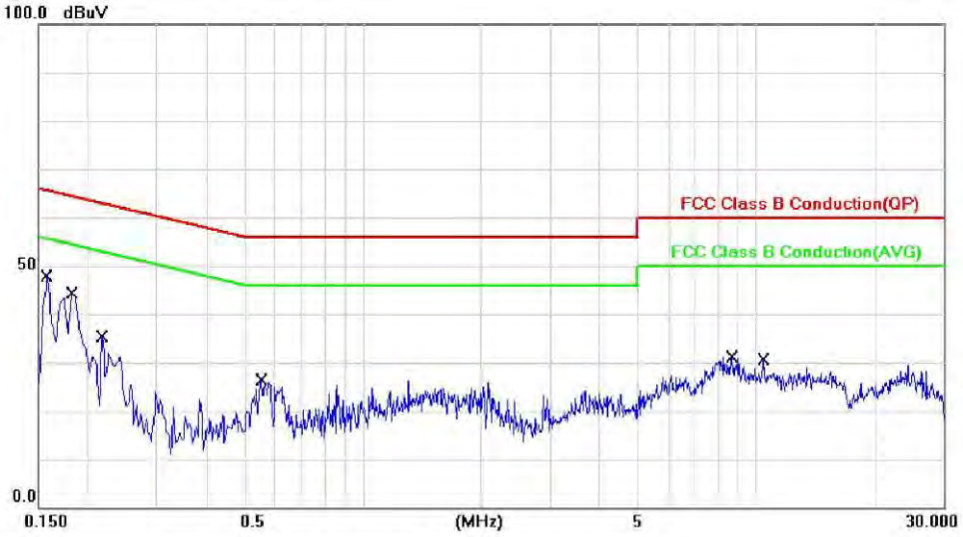
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1533	40.60	9.93	50.53	65.82	-15.29	QP	
2		0.1533	20.80	9.93	30.73	55.82	-25.09	AVG	
3		0.1781	33.40	9.92	43.32	64.57	-21.25	QP	
4		0.1781	22.20	9.92	32.12	54.57	-22.45	AVG	
5		0.5840	13.10	9.92	23.02	56.00	-32.98	QP	
6		0.5840	3.80	9.92	13.72	46.00	-32.28	AVG	
7		1.5040	10.40	9.94	20.34	56.00	-35.66	QP	
8		1.5040	2.80	9.94	12.74	46.00	-33.26	AVG	
9		8.6062	14.20	10.08	24.28	60.00	-35.72	QP	
10		8.6062	7.30	10.08	17.38	50.00	-32.62	AVG	
11		15.1943	10.90	10.19	21.09	60.00	-38.91	QP	
12		15.1943	3.70	10.19	13.89	50.00	-36.11	AVG	

Operation Mode:	Config 1 DATA Link (USB)-SD Card (Read)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



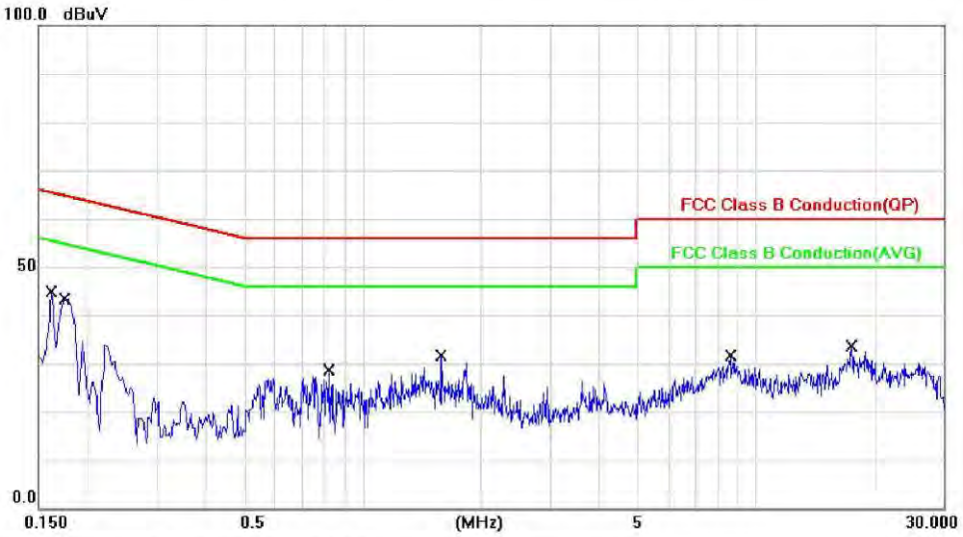
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1720	33.30	9.95	43.25	64.86	-21.61	QP	
2	*	0.1720	24.10	9.95	34.05	54.86	-20.81	AVG	
3		0.5772	14.50	9.93	24.43	56.00	-31.57	QP	
4		0.5772	6.90	9.93	16.83	46.00	-29.17	AVG	
5		0.8334	10.70	9.94	20.64	56.00	-35.36	QP	
6		0.8334	2.30	9.94	12.24	46.00	-33.76	AVG	
7		1.6330	12.10	9.95	22.05	56.00	-33.95	QP	
8		1.6330	3.60	9.95	13.55	46.00	-32.45	AVG	
9		7.8448	12.50	10.07	22.57	60.00	-37.43	QP	
10		7.8448	6.40	10.07	16.47	50.00	-33.53	AVG	
11		17.1311	13.30	10.19	23.49	60.00	-36.51	QP	
12		17.1311	5.60	10.19	15.79	50.00	-34.21	AVG	

Operation Mode:	Config 1 DATA Link (USB)-SD Card (Read)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



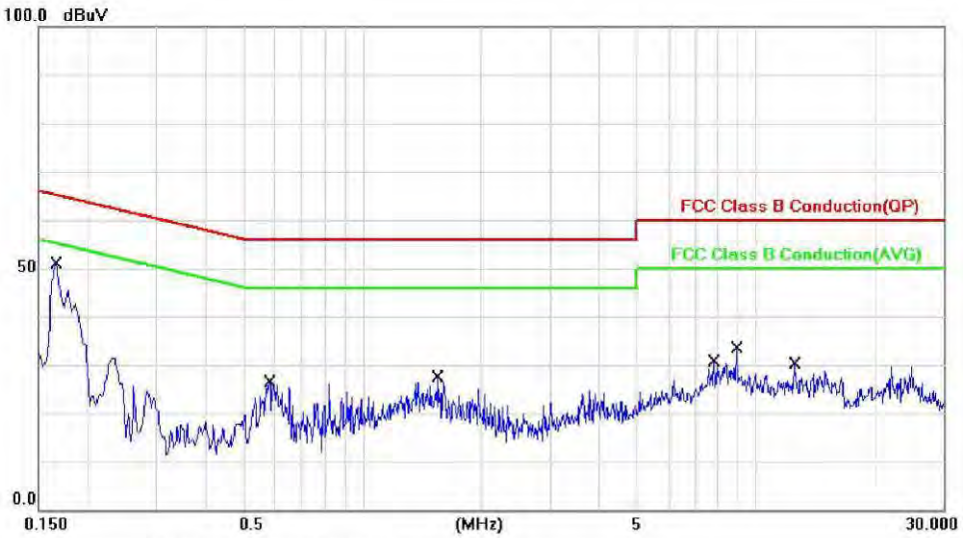
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1583	39.60	9.93	49.53	65.55	-16.02	QP	
2		0.1583	19.30	9.93	29.23	55.55	-26.32	AVG	
3		0.1816	33.20	9.92	43.12	64.41	-21.29	QP	
4		0.1816	20.30	9.92	30.22	54.41	-24.19	AVG	
5		0.2181	22.90	9.92	32.82	62.89	-30.07	QP	
6		0.2181	6.90	9.92	16.82	52.89	-36.07	AVG	
7		0.5544	12.70	9.92	22.62	56.00	-33.38	QP	
8		0.5544	2.70	9.92	12.62	46.00	-33.38	AVG	
9		8.7065	13.00	10.08	23.08	60.00	-36.92	QP	
10		8.7065	6.50	10.08	16.58	50.00	-33.42	AVG	
11		10.4901	10.20	10.12	20.32	60.00	-39.68	QP	
12		10.4901	3.70	10.12	13.82	50.00	-36.18	AVG	

Operation Mode:	Config 1 DATA Link (USB)-SD Card (Write)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



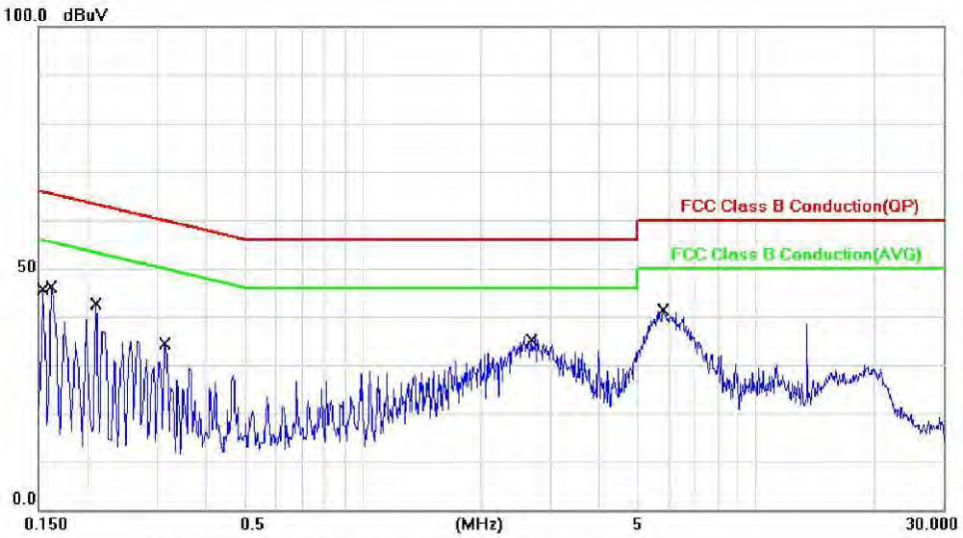
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1618	35.80	9.95	45.75	65.37	-19.62	QP	
2		0.1618	14.00	9.95	23.95	55.37	-31.42	AVG	
3		0.1743	32.80	9.95	42.75	64.75	-22.00	QP	
4		0.1743	23.10	9.95	33.05	54.75	-21.70	AVG	
5		0.8218	13.90	9.94	23.84	56.00	-32.16	QP	
6		0.8218	1.80	9.94	11.74	46.00	-34.26	AVG	
7		1.5900	12.20	9.95	22.15	56.00	-33.85	QP	
8		1.5900	4.20	9.95	14.15	46.00	-31.85	AVG	
9		8.6061	14.60	10.09	24.69	60.00	-35.31	QP	
10		8.6061	7.60	10.09	17.69	50.00	-32.31	AVG	
11		17.5376	15.40	10.19	25.59	60.00	-34.41	QP	
12		17.5376	7.30	10.19	17.49	50.00	-32.51	AVG	

Operation Mode:	Config 1 DATA Link (USB)-SD Card (Write)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



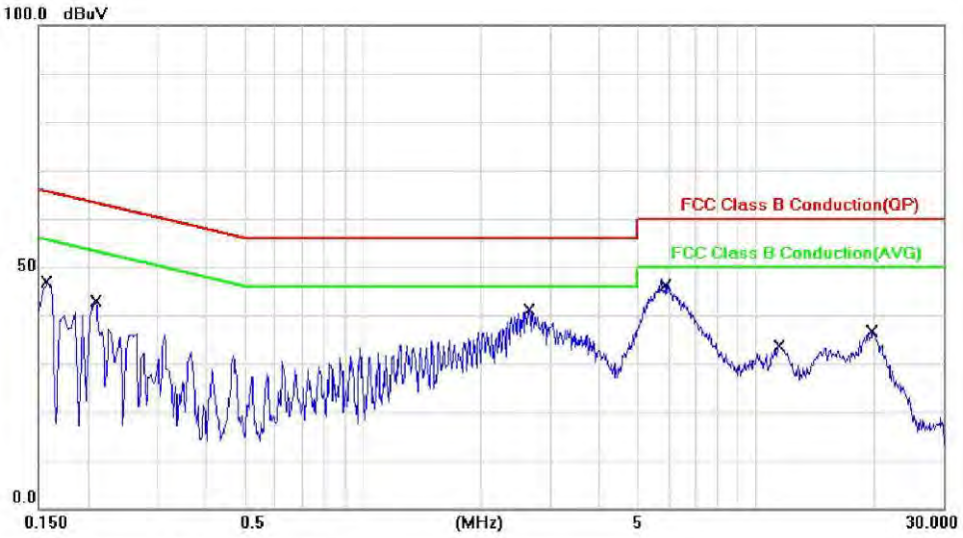
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1660	36.50	9.93	46.43	65.16	-18.73	QP	
2		0.1660	17.00	9.93	26.93	55.16	-28.23	AVG	
3		0.5816	14.20	9.92	24.12	56.00	-31.88	QP	
4		0.5816	5.40	9.92	15.32	46.00	-30.68	AVG	
5		1.5578	9.50	9.94	19.44	56.00	-36.56	QP	
6		1.5578	2.60	9.94	12.54	46.00	-33.46	AVG	
7		7.8380	13.80	10.06	23.86	60.00	-36.14	QP	
8		7.8380	7.30	10.06	17.36	50.00	-32.64	AVG	
9		8.9541	13.20	10.09	23.29	60.00	-36.71	QP	
10		8.9541	6.70	10.09	16.79	50.00	-33.21	AVG	
11		12.5738	10.70	10.15	20.85	60.00	-39.15	QP	
12		12.5738	3.90	10.15	14.05	50.00	-35.95	AVG	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



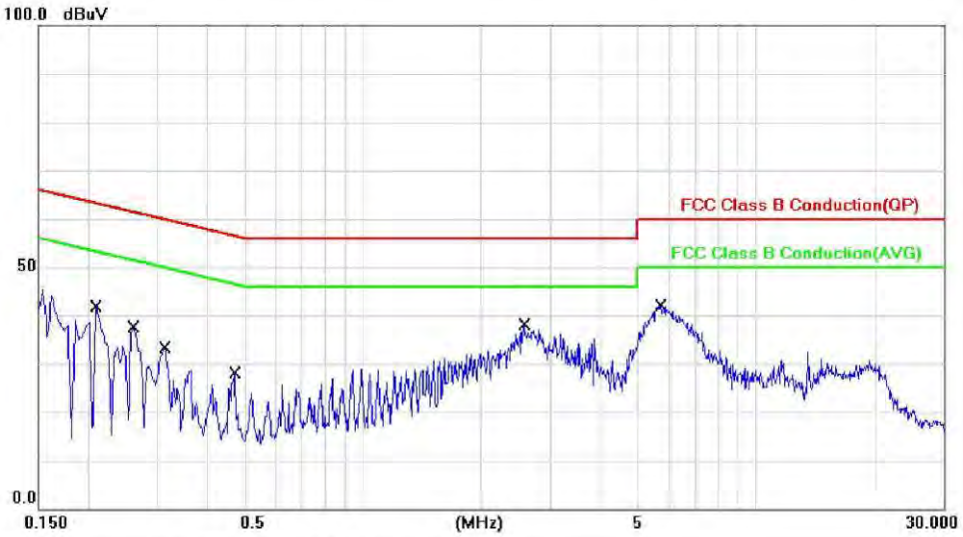
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1558	36.00	9.95	45.95	65.68	-19.73	QP	
2		0.1558	20.00	9.95	29.95	55.68	-25.73	AVG	
3		0.1615	34.00	9.95	43.95	65.39	-21.44	QP	
4		0.1615	18.00	9.95	27.95	55.39	-27.44	AVG	
5		0.2095	31.20	9.94	41.14	63.23	-22.09	QP	
6		0.2095	15.20	9.94	25.14	53.23	-28.09	AVG	
7		0.3140	22.70	9.93	32.63	59.86	-27.23	QP	
8		0.3140	7.90	9.93	17.83	49.86	-32.03	AVG	
9		2.6720	22.20	9.98	32.18	56.00	-23.82	QP	
10		2.6720	13.40	9.98	23.38	46.00	-22.62	AVG	
11		5.8290	26.60	10.03	36.63	60.00	-23.37	QP	
12		5.8290	19.30	10.03	29.33	50.00	-20.67	AVG	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



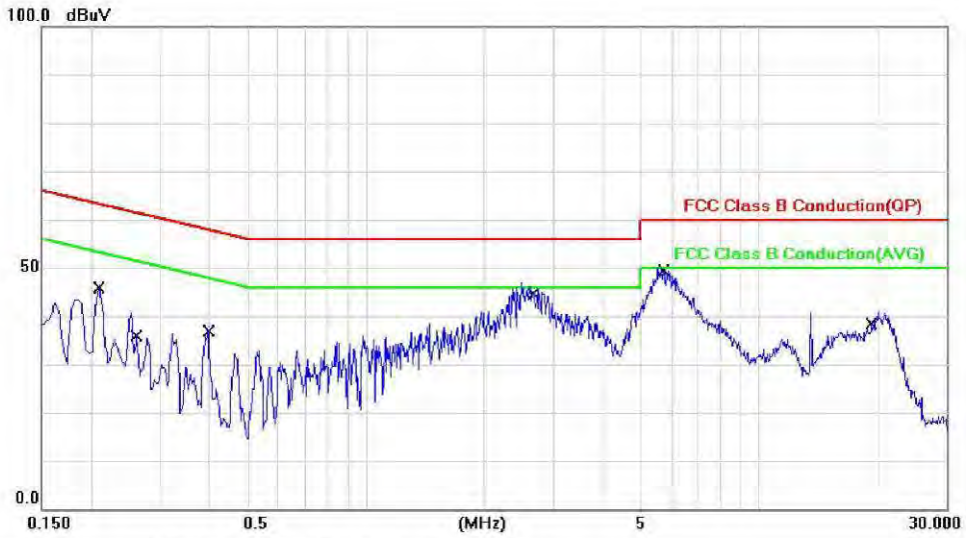
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1577	36.10	9.93	46.03	65.58	-19.55	QP	
2		0.1577	21.10	9.93	31.03	55.58	-24.55	AVG	
3		0.2100	31.00	9.92	40.92	63.21	-22.29	QP	
4		0.2100	15.80	9.92	25.72	53.21	-27.49	AVG	
5		2.6580	27.10	9.96	37.06	56.00	-18.94	QP	
6		2.6580	16.10	9.96	26.06	46.00	-19.94	AVG	
7		5.8100	32.20	10.02	42.22	60.00	-17.78	QP	
8	*	5.8100	23.70	10.02	33.72	50.00	-16.28	AVG	
9		11.6140	17.70	10.13	27.83	60.00	-32.17	QP	
10		11.6140	6.50	10.13	16.63	50.00	-33.37	AVG	
11		19.6560	20.30	10.26	30.56	60.00	-29.44	QP	
12		19.6560	10.30	10.26	20.56	50.00	-29.44	AVG	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



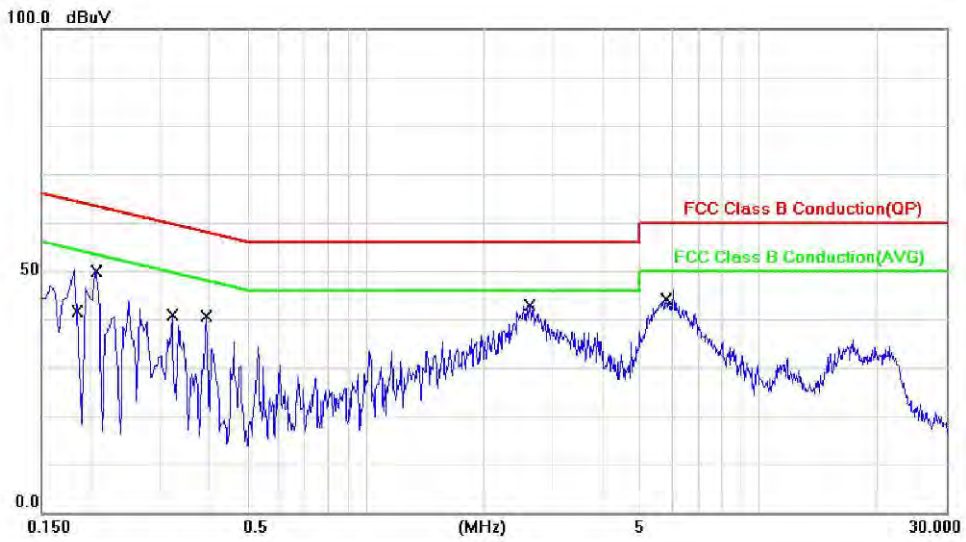
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2092	30.10	9.94	40.04	63.24	-23.20	QP	
2		0.2092	14.00	9.94	23.94	53.24	-29.30	AVG	
3		0.2611	26.00	9.94	35.94	61.40	-25.46	QP	
4		0.2611	10.00	9.94	19.94	51.40	-31.46	AVG	
5		0.3137	21.80	9.93	31.73	59.87	-28.14	QP	
6		0.3137	7.30	9.93	17.23	49.87	-32.64	AVG	
7		0.4693	15.40	9.93	25.33	56.53	-31.20	QP	
8		0.4693	10.80	9.93	20.73	46.53	-25.80	AVG	
9		2.5692	22.40	9.98	32.38	56.00	-23.62	QP	
10		2.5692	12.80	9.98	22.78	46.00	-23.22	AVG	
11		5.7380	27.10	10.03	37.13	60.00	-22.87	QP	
12	*	5.7380	20.00	10.03	30.03	50.00	-19.97	AVG	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



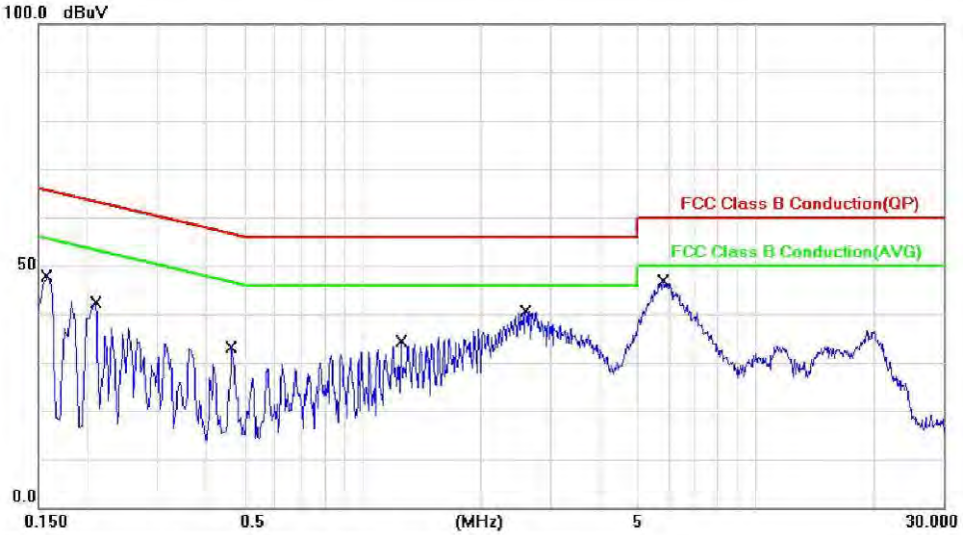
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2090	25.70	9.92	35.62	63.24	-27.62	QP	
2		0.2090	11.20	9.92	21.12	53.24	-32.12	AVG	
3		0.2610	23.00	9.92	32.92	61.40	-28.48	QP	
4		0.2610	9.70	9.92	19.62	51.40	-31.78	AVG	
5		0.3983	20.40	9.92	30.32	57.89	-27.57	QP	
6		0.3983	17.50	9.92	27.42	47.89	-20.47	AVG	
7		2.6980	27.00	9.96	36.96	56.00	-19.04	QP	
8		2.6980	15.80	9.96	25.76	46.00	-20.24	AVG	
9		5.7580	31.50	10.02	41.52	60.00	-18.48	QP	
10	*	5.7580	22.90	10.02	32.92	50.00	-17.08	AVG	
11		19.2060	20.20	10.25	30.45	60.00	-29.55	QP	
12		19.2060	10.10	10.25	20.35	50.00	-29.65	AVG	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



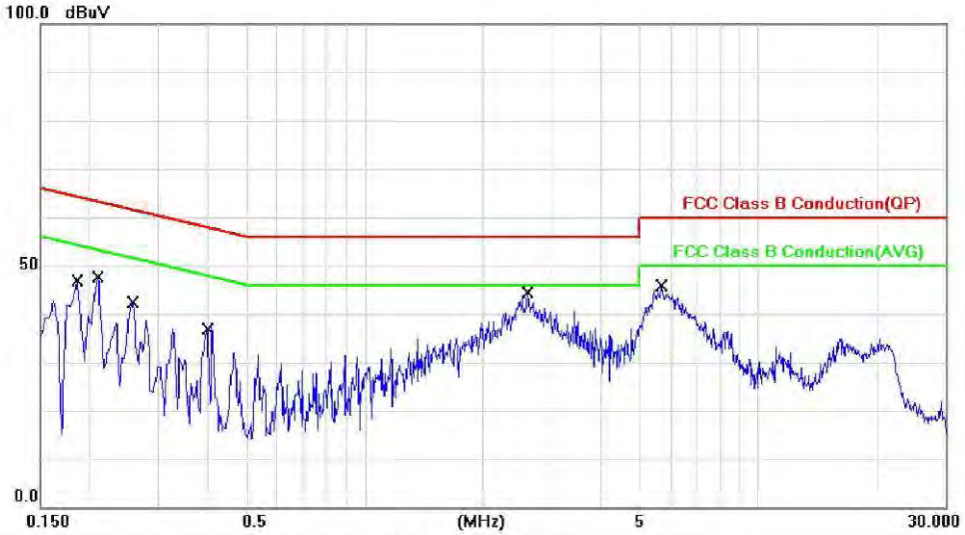
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1865	36.80	9.94	46.74	64.19	-17.45	QP	
2		0.1865	16.30	9.94	26.24	54.19	-27.95	AVG	
3	*	0.2091	38.40	9.94	48.34	63.24	-14.90	QP	
4		0.2091	23.20	9.94	33.14	53.24	-20.10	AVG	
5		0.3251	27.30	9.93	37.23	59.58	-22.35	QP	
6		0.3251	8.10	9.93	18.03	49.58	-31.55	AVG	
7		0.3945	25.60	9.93	35.53	57.97	-22.44	QP	
8		0.3945	8.40	9.93	18.33	47.97	-29.64	AVG	
9		2.6000	28.50	9.98	38.48	56.00	-17.52	QP	
10		2.6000	18.60	9.98	28.58	46.00	-17.42	AVG	
11		5.8070	29.30	10.03	39.33	60.00	-20.67	QP	
12		5.8070	22.20	10.03	32.23	50.00	-17.77	AVG	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



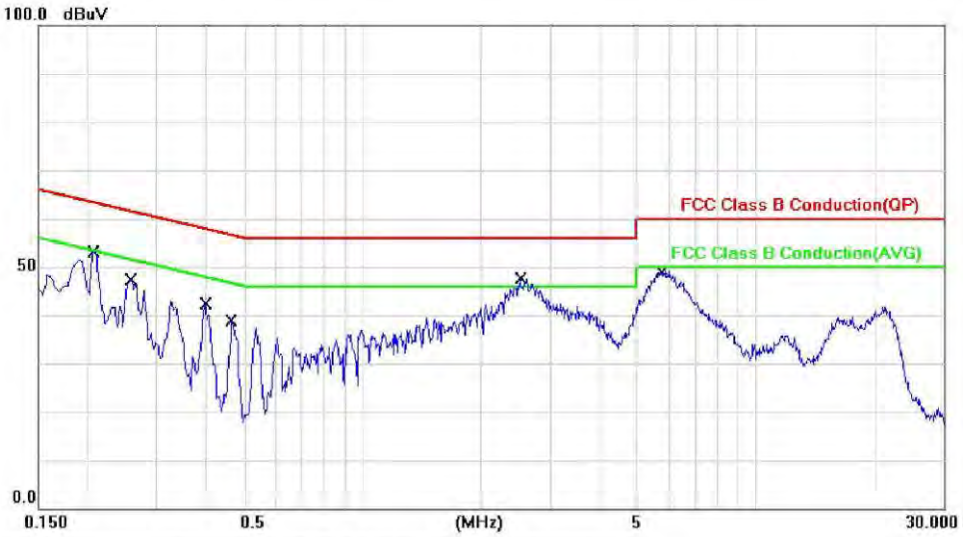
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1581	36.30	9.93	46.23	65.56	-19.33	QP	
2		0.1581	21.40	9.93	31.33	55.56	-24.23	AVG	
3		0.2103	31.40	9.92	41.32	63.19	-21.87	QP	
4		0.2103	16.30	9.92	26.22	53.19	-26.97	AVG	
5		0.4703	21.40	9.92	31.32	56.51	-25.19	QP	
6		0.4703	17.50	9.92	27.42	46.51	-19.09	AVG	
7		1.2507	21.40	9.93	31.33	56.00	-24.67	QP	
8		1.2507	11.80	9.93	21.73	46.00	-24.27	AVG	
9		2.6036	27.70	9.96	37.66	56.00	-18.34	QP	
10		2.6036	16.30	9.96	26.26	46.00	-19.74	AVG	
11		5.7850	31.20	10.02	41.22	60.00	-18.78	QP	
12	*	5.7850	22.70	10.02	32.72	50.00	-17.28	AVG	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	L1



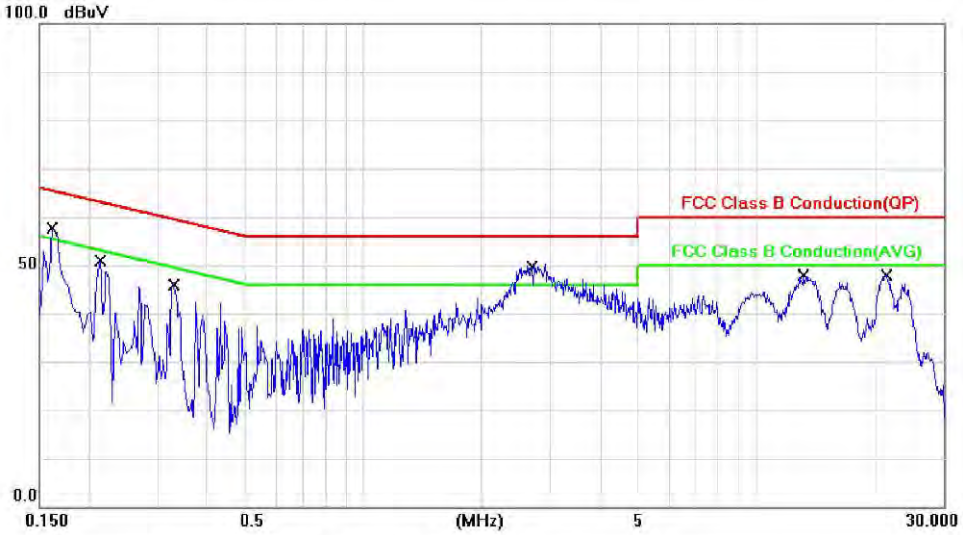
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1867	33.50	9.94	43.44	64.18	-20.74	QP	
2		0.1867	13.20	9.94	23.14	54.18	-31.04	AVG	
3		0.2098	34.80	9.94	44.74	63.21	-18.47	QP	
4		0.2098	19.60	9.94	29.54	53.21	-23.67	AVG	
5		0.2570	28.70	9.94	38.64	61.53	-22.89	QP	
6		0.2570	9.10	9.94	19.04	51.53	-32.49	AVG	
7		0.3950	23.10	9.93	33.03	57.96	-24.93	QP	
8		0.3950	6.90	9.93	16.83	47.96	-31.13	AVG	
9		2.6100	27.70	9.98	37.68	56.00	-18.32	QP	
10	*	2.6100	18.90	9.98	28.88	46.00	-17.12	AVG	
11		5.7480	29.50	10.03	39.53	60.00	-20.47	QP	
12		5.7480	22.50	10.03	32.53	50.00	-17.47	AVG	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	N



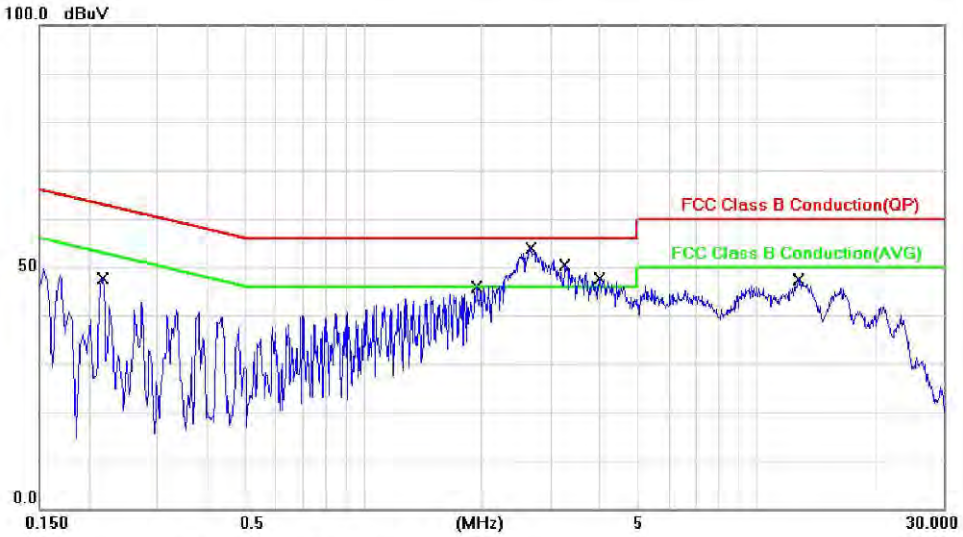
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2088	37.20	9.92	47.12	63.25	-16.13	QP	
2		0.2088	22.70	9.92	32.62	53.25	-20.63	AVG	
3		0.2580	30.30	9.92	40.22	61.50	-21.28	QP	
4		0.2580	11.30	9.92	21.22	51.50	-30.28	AVG	
5		0.3976	25.40	9.92	35.32	57.90	-22.58	QP	
6		0.3976	12.50	9.92	22.42	47.90	-25.48	AVG	
7		0.4668	21.50	9.92	31.42	56.57	-25.15	QP	
8		0.4668	9.50	9.92	19.42	46.57	-27.15	AVG	
9	*	2.5610	32.00	9.96	41.96	56.00	-14.04	QP	
10		2.5610	21.80	9.96	31.76	46.00	-14.24	AVG	
11		5.7730	33.70	10.02	43.72	60.00	-16.28	QP	
12		5.7730	25.30	10.02	35.32	50.00	-14.68	AVG	

Operation Mode:	Config 3 Recording (Front)	Test Date:	May 23, 2015
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	52.80	0.03	52.83	65.40	-12.57	QP	
2		0.1613	37.60	0.03	37.63	55.40	-17.77	AVG	
3		0.2175	44.00	0.04	44.04	62.91	-18.87	QP	
4		0.2175	26.60	0.04	26.64	52.91	-26.27	AVG	
5		0.3300	40.30	0.04	40.34	59.45	-19.11	QP	
6		0.3300	24.70	0.04	24.74	49.45	-24.71	AVG	
7		2.6783	45.70	0.09	45.79	56.00	-10.21	QP	
8	*	2.6783	36.10	0.09	36.19	46.00	-9.81	AVG	
9		13.2140	41.90	0.36	42.26	60.00	-17.74	QP	
10		13.2140	32.80	0.36	33.16	50.00	-16.84	AVG	
11		21.4300	40.30	0.53	40.83	60.00	-19.17	QP	
12		21.4300	28.80	0.53	29.33	50.00	-20.67	AVG	

Operation Mode:	Config 3 Recording (Front)	Test Date:	May 23, 2015
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2180	40.80	0.06	40.86	62.89	-22.03	QP	
2		0.2180	25.30	0.06	25.36	52.89	-27.53	AVG	
3		1.9420	41.20	0.09	41.29	56.00	-14.71	QP	
4		1.9420	27.70	0.09	27.79	46.00	-18.21	AVG	
5		2.6544	48.10	0.11	48.21	56.00	-7.79	QP	
6	*	2.6544	38.30	0.11	38.41	46.00	-7.59	AVG	
7		3.2620	41.10	0.12	41.22	56.00	-14.78	QP	
8		3.2620	31.30	0.12	31.42	46.00	-14.58	AVG	
9		3.9900	43.90	0.13	44.03	56.00	-11.97	QP	
10		3.9900	31.70	0.13	31.83	46.00	-14.17	AVG	
11		12.8260	41.50	0.32	41.82	60.00	-18.18	QP	
12		12.8260	33.30	0.32	33.62	50.00	-16.38	AVG	

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
EMI Test Receiver	R&S	ESCI 7	100760	May 04, 2015	May 03, 2016
Biconical Antenna	Schwarzbeck	VHBB 9124	9124-560	Nov. 14, 2014	Nov. 13, 2015
Log-Periodic Antenna	Schwarzbeck	UHALP 9108 A	UHALP 9108-A 0990	Nov. 14, 2014	Nov. 13, 2015
Broadband Antenna	SCHWAZBECK	VULB9168	VULB9168-298	Nov. 04, 2014	Nov. 03, 2015
Pre-Amplifier	Agilent	8447D	1937A02774	Mar. 27, 2015	Mar. 26, 2016
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104-02	966 II	Nov. 26, 2014	Nov. 25, 2015
Communication Tester	R&S	CMU200	119988	Nov.25, 2014	Nov.24, 2015
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. 21, 2014	Dec. 20, 2015
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
EMI Test Receiver	R&S	ESCI 7	100760	May 04, 2015	May 03, 2016
Spectrum Analyzer	R&S	FSV 40	101385	Aug. 01, 2014	Jul. 31, 2015
Horn Antenna	SCHWAZBECK	BBHA 9120D	BBHA9120D309	Dec. 24, 2014	Dec. 23, 2015
Horn Antenna	SCHWAZBECK	BBHA 9170	BBHA9170184	Dec. 25, 2014	Dec. 24, 2015
Pre Amplifier	EMC Instruments	EMC012645	980119	Jun. 10, 2014	Jun. 09, 2015
Pre Amplifier	EMC Instruments	EMC012645B	980226	Oct. 30, 2014	Oct. 29, 2015
Pre-Amplifier	EM Electronics Corp.	EM26400	971576	Oct. 02, 2014	Oct. 01, 2015
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	966 II	Nov. 26, 2014	Nov. 25, 2015
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	22962/2	Nov. 26, 2014	Nov. 25, 2015
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	23051/2	Nov. 26, 2014	Nov. 25, 2015
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2152/2	Jun. 06, 2014	Jun. 05, 2015
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2152/2	Jun. 05, 2015	Jun. 04, 2016
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	Jun. 06, 2014	Jun. 05, 2015
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	Jun. 05, 2015	Jun. 04, 2016
Communication Tester	R&S	CMU200	119988	Nov.25, 2014	Nov.24, 2015
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. 21, 2014	Dec. 20, 2015
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 : 25 degree C Humidity : 68 %RH
Atmospheric Pressure : 996 mBar

2.5.4 Uncertainty of Radiated Emission

Expanded uncertainty (k=2) of radiated emission measurement is 4.96 dB. (30-1000MHz)
Expanded uncertainty (k=2) of radiated emission measurement is 5.03 dB. (1-6GHz)
Expanded uncertainty (k=2) of radiated emission measurement is 5.18 dB. (6-18GHz)
Expanded uncertainty (k=2) of radiated emission measurement is 4.76 dB. (18-26GHz)
Expanded uncertainty (k=2) of radiated emission measurement is 4.68 dB. (26-40GHz)

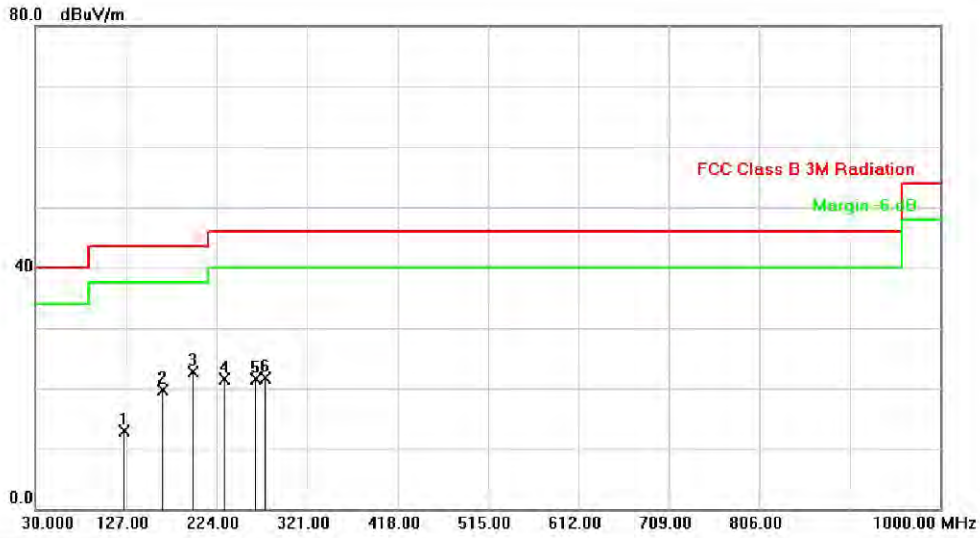
2.5.5 Measurement level and Factor calculate method

Correct Factor = Antenna Factor + Cable loss- Amplifier Gain
Measurement Level = Reading Level + Correct Factor
Over (Margin) = Measurement Level － Limit

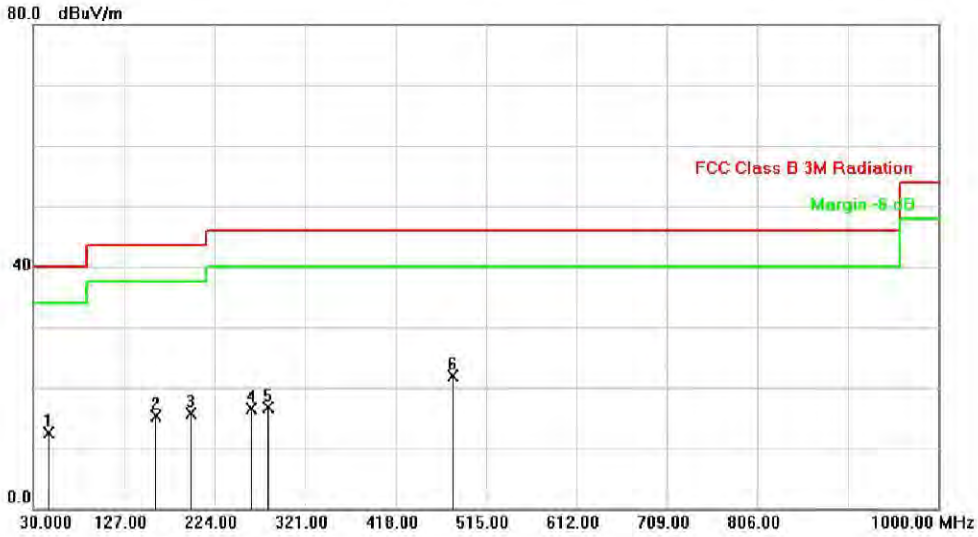
2.5.6 Measurement Data

Below 1GHz

Operation Mode:	Config 1 DATA Link (USB)- SD Card (Read)	Test Date:	Jun. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

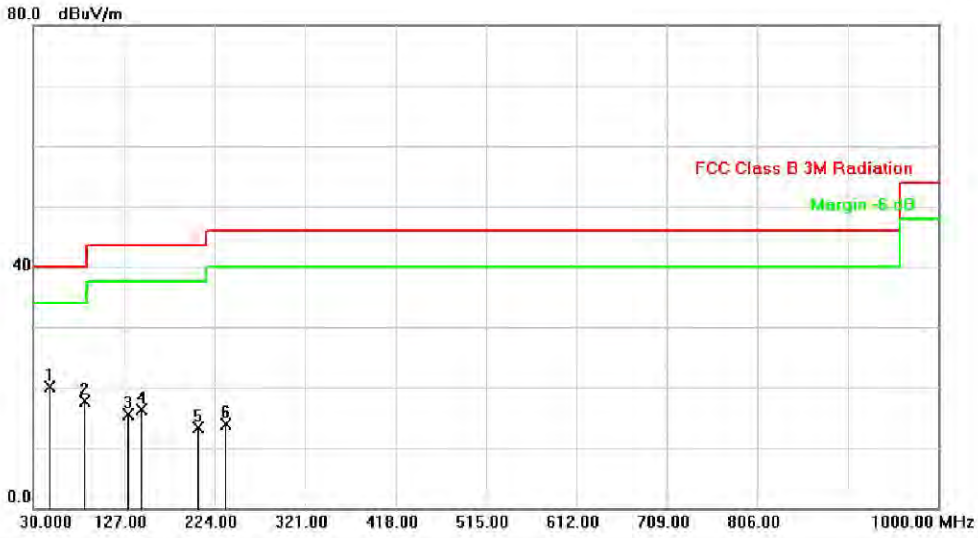


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		125.6090	26.82	-13.87	12.95	43.50	-30.55	QP	
2		166.6700	32.04	-12.25	19.79	43.50	-23.71	QP	
3	*	199.1860	37.97	-15.22	22.75	43.50	-20.75	QP	
4		232.4020	35.49	-13.98	21.51	46.00	-24.49	QP	
5		266.5620	34.16	-12.64	21.52	46.00	-24.48	QP	
6		276.0260	33.84	-12.19	21.65	46.00	-24.35	QP	

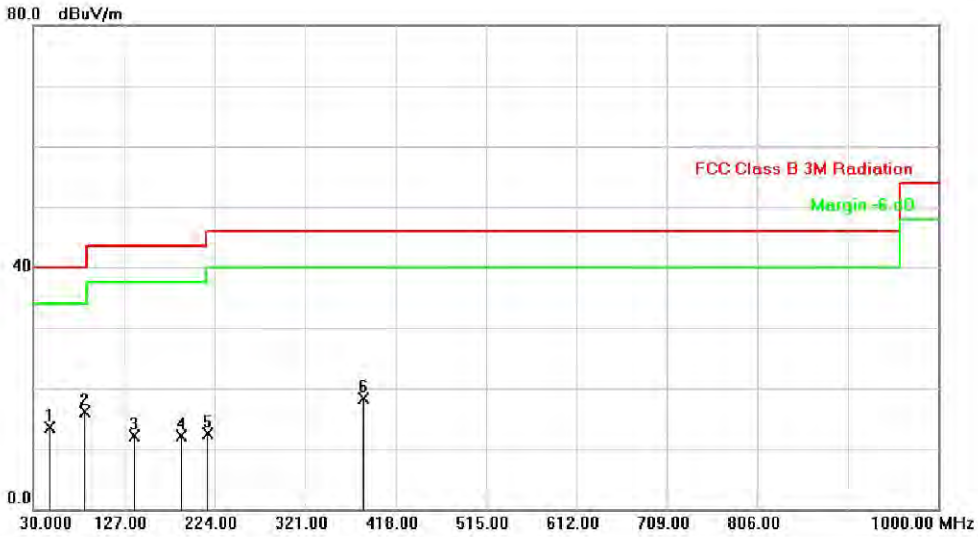


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		45.7040	24.67	-12.16	12.51	40.00	-27.49	QP	
2		161.5110	27.36	-12.15	15.21	43.50	-28.29	QP	
3		199.2210	30.87	-15.22	15.65	43.50	-27.85	QP	
4		263.1040	29.42	-12.85	16.57	46.00	-29.43	QP	
5		281.1220	28.72	-12.03	16.69	46.00	-29.31	QP	
6	*	480.0140	29.57	-7.68	21.89	46.00	-24.11	QP	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 28, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

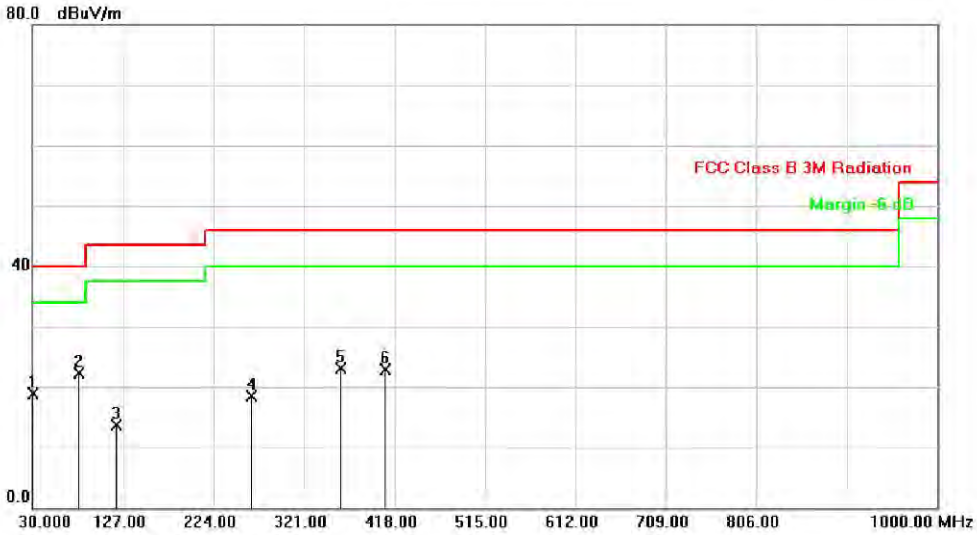


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.0600	32.29	-12.11	20.18	40.00	-19.82	QP	
2		85.6050	35.45	-17.84	17.61	40.00	-22.39	QP	
3		130.9400	28.75	-13.24	15.51	43.50	-27.99	QP	
4		145.7900	28.61	-12.35	16.26	43.50	-27.24	QP	
5		206.6820	28.22	-14.89	13.33	43.50	-30.17	QP	
6		236.3280	27.64	-13.73	13.91	46.00	-32.09	QP	

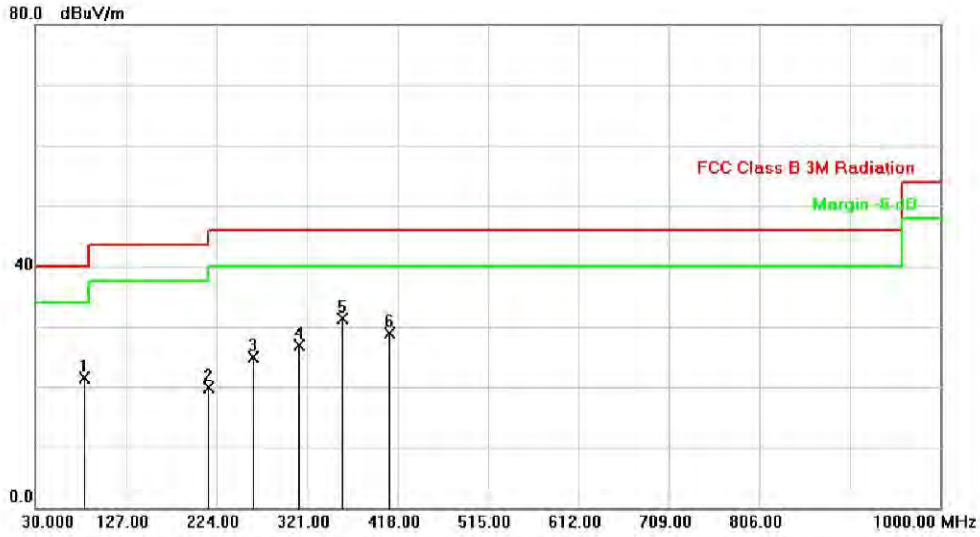


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		47.3120	25.63	-12.13	13.50	40.00	-26.50	QP	
2	*	84.5320	33.69	-17.60	16.09	40.00	-23.91	QP	
3		138.0260	24.85	-12.65	12.20	43.50	-31.30	QP	
4		188.6640	26.97	-14.94	12.03	43.50	-31.47	QP	
5		217.4140	27.23	-14.78	12.45	46.00	-33.55	QP	
6		383.1500	27.88	-9.65	18.23	46.00	-27.77	QP	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Jun. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

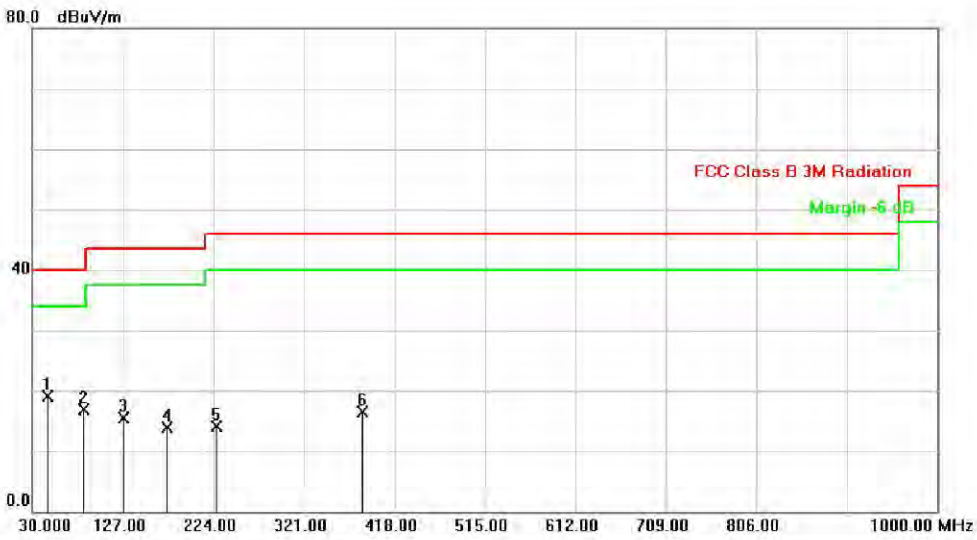


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.5400	32.15	-13.33	18.82	40.00	-21.18	QP	
2	*	80.1420	38.83	-16.58	22.25	40.00	-17.75	QP	
3		120.1020	28.29	-14.57	13.72	43.50	-29.78	QP	
4		264.1920	31.27	-12.79	18.48	46.00	-27.52	QP	
5		360.3780	33.49	-10.29	23.20	46.00	-22.80	QP	
6		407.9980	31.97	-9.01	22.96	46.00	-23.04	QP	

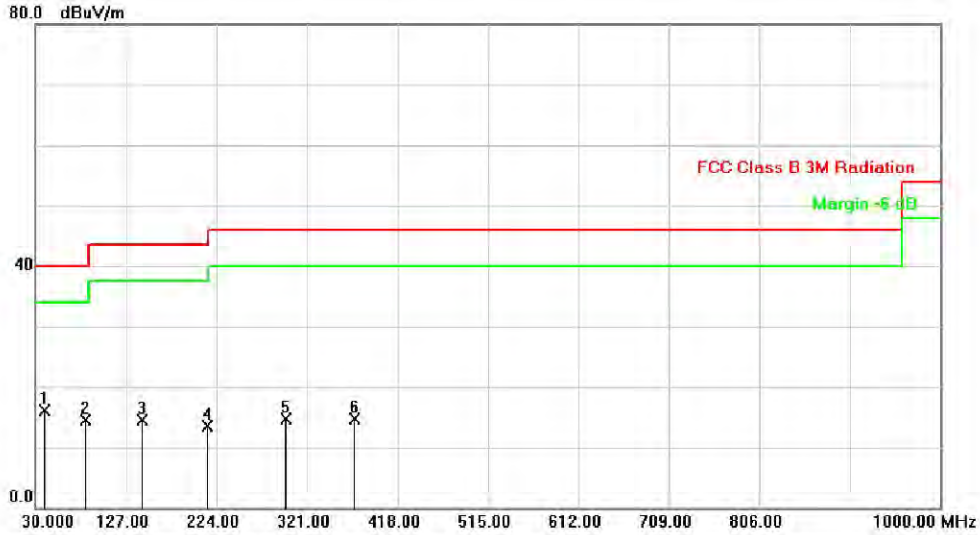


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.6340	38.64	-17.16	21.48	40.00	-18.52	QP	
2		216.1920	34.72	-14.76	19.96	46.00	-26.04	QP	
3		263.2260	37.84	-12.85	24.99	46.00	-21.01	QP	
4		312.7640	38.11	-11.28	26.83	46.00	-19.17	QP	
5	*	359.7540	41.55	-10.31	31.24	46.00	-14.76	QP	
6		409.1060	37.86	-8.99	28.87	46.00	-17.13	QP	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 28, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

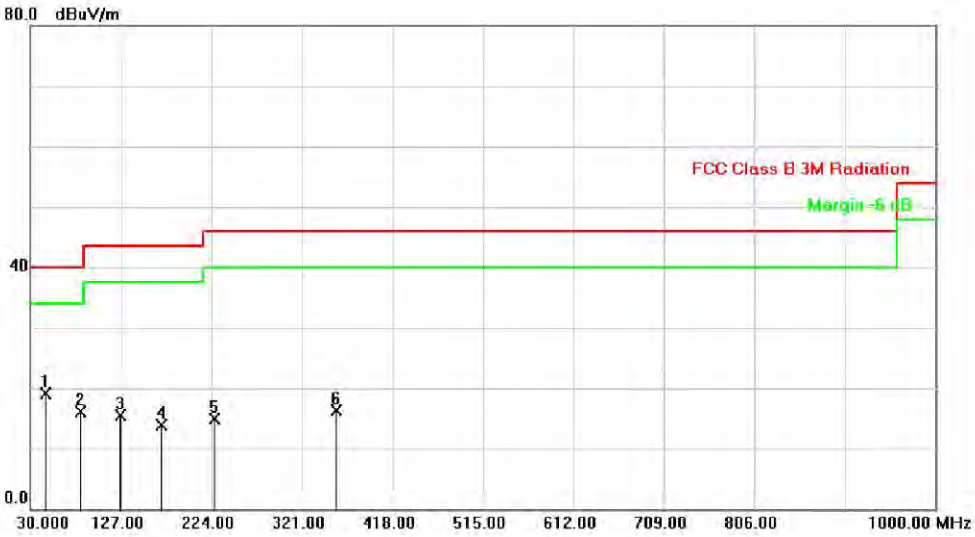


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	45.7600	31.21	-12.16	19.05	40.00	-20.95	QP	
2		84.8600	34.54	-17.68	16.86	40.00	-23.14	QP	
3		127.5140	29.12	-13.63	15.49	43.50	-28.01	QP	
4		173.9480	26.87	-12.93	13.94	43.50	-29.56	QP	
5		227.5200	28.44	-14.28	14.16	46.00	-31.84	QP	
6		384.0320	26.11	-9.63	16.48	46.00	-29.52	QP	

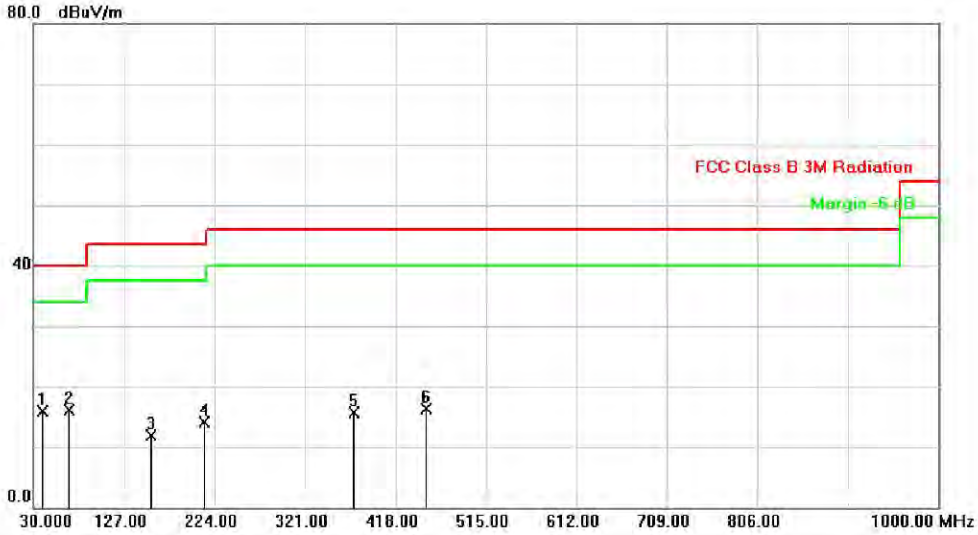


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	39.1840	28.78	-12.67	16.11	40.00	-23.89	QP	
2		84.1940	32.08	-17.52	14.56	40.00	-25.44	QP	
3		144.5640	26.82	-12.38	14.44	43.50	-29.06	QP	
4		214.6560	28.17	-14.76	13.41	43.50	-30.09	QP	
5		297.8980	26.30	-11.61	14.69	46.00	-31.31	QP	
6		371.7480	24.68	-9.96	14.72	46.00	-31.28	QP	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 28, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

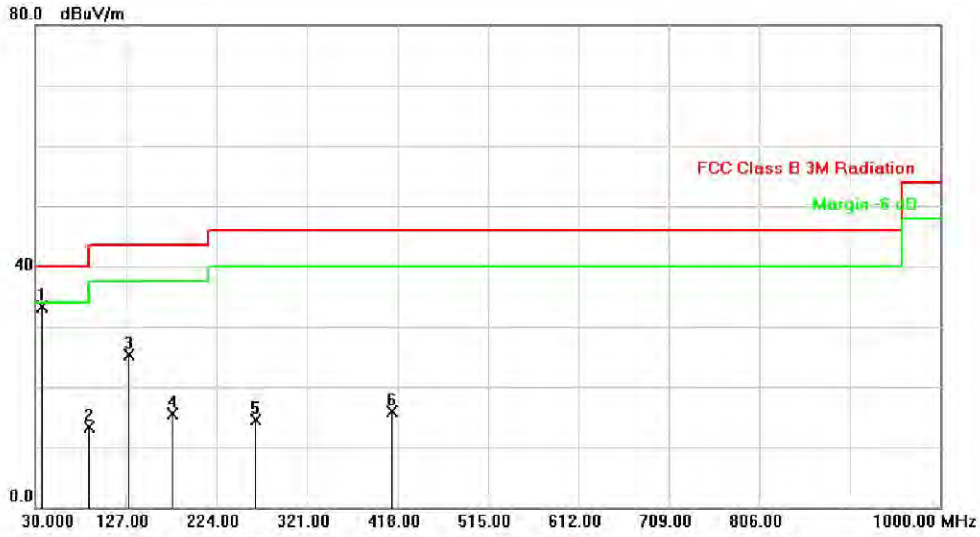


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	46.7630	31.15	-12.14	19.01	40.00	-20.99	QP	
2		84.1660	33.54	-17.51	16.03	40.00	-23.97	QP	
3		126.7060	29.24	-13.74	15.50	43.50	-28.00	QP	
4		170.0250	26.31	-12.32	13.99	43.50	-29.51	QP	
5		227.1100	29.16	-14.31	14.85	46.00	-31.15	QP	
6		357.7410	26.76	-10.36	16.40	46.00	-29.60	QP	

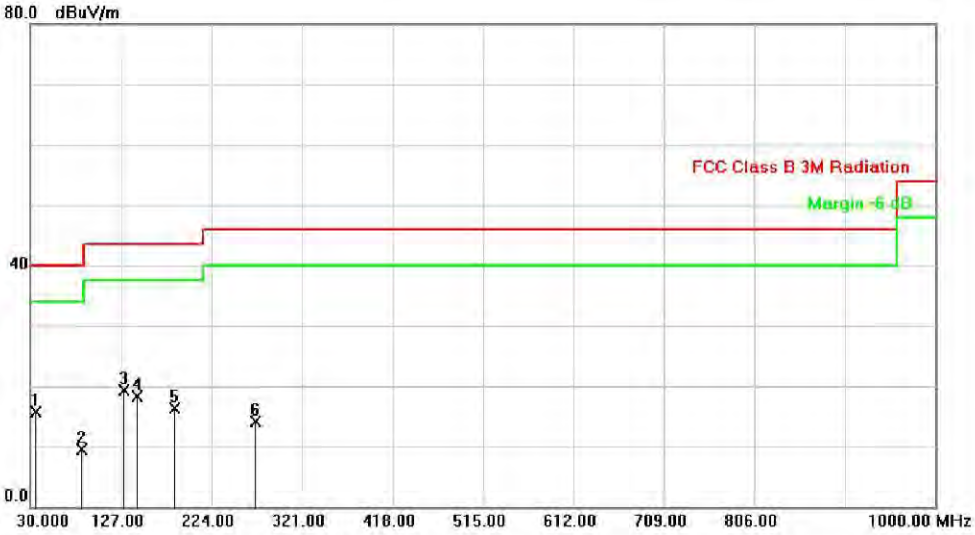


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.1700	28.55	-12.67	15.88	40.00	-24.12	QP	
2	*	68.1850	30.67	-14.51	16.16	40.00	-23.84	QP	
3		155.7080	24.02	-12.17	11.85	43.50	-31.65	QP	
4		212.7260	28.82	-14.74	14.08	43.50	-29.42	QP	
5		373.4780	25.62	-9.92	15.70	46.00	-30.30	QP	
6		450.6180	24.42	-8.14	16.28	46.00	-29.72	QP	

Operation Mode:	Config 3 Recording (Back)	Test Date:	May 22, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.



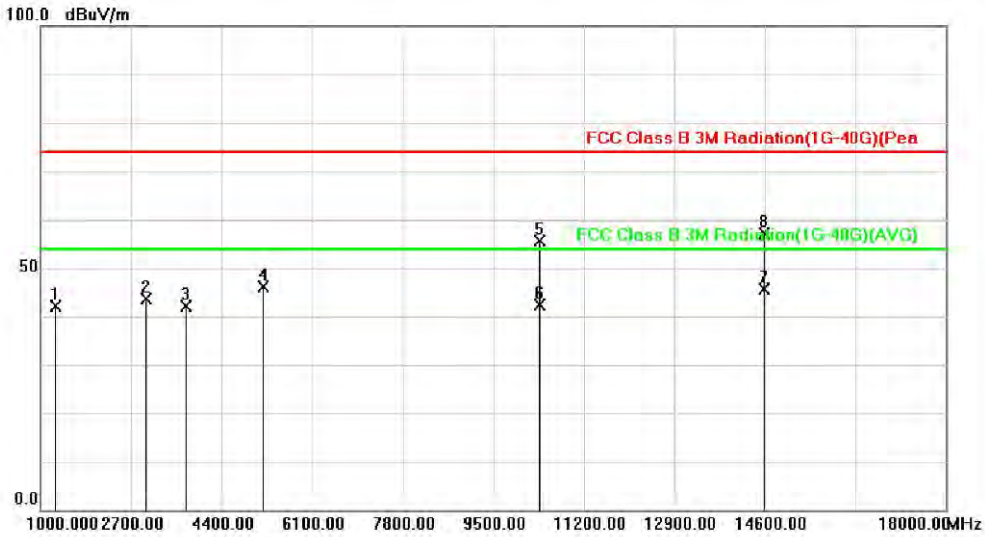
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.5050	46.07	-12.85	33.22	40.00	-6.78	QP	
2		86.9100	31.49	-18.14	13.35	40.00	-26.65	QP	
3		130.4400	38.51	-13.28	25.23	43.50	-18.27	QP	
4		176.9850	28.93	-13.39	15.54	43.50	-27.96	QP	
5		265.7250	27.15	-12.70	14.45	46.00	-31.55	QP	
6		412.3900	24.82	-8.92	15.90	46.00	-30.10	QP	



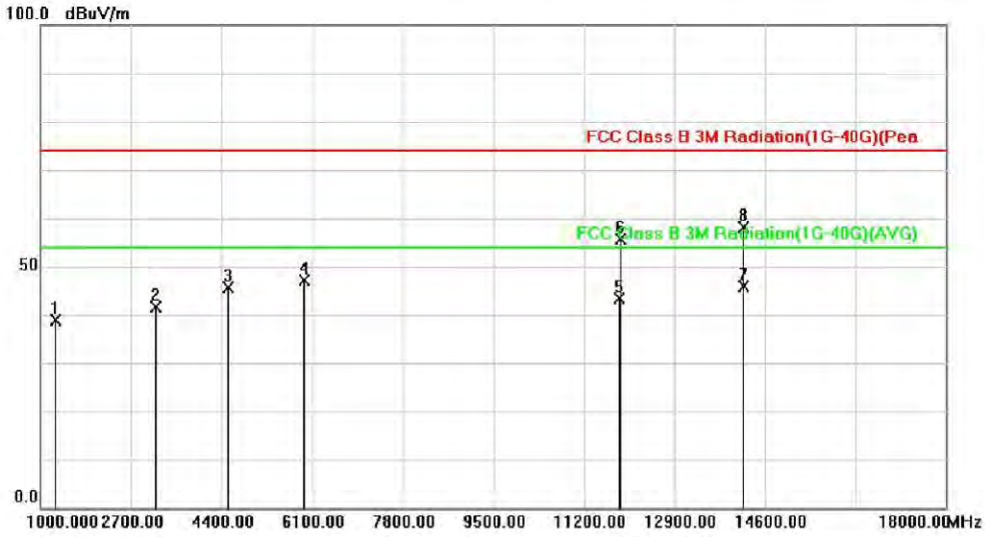
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		35.7820	28.74	-13.04	15.70	40.00	-24.30	QP	
2		85.3600	27.24	-17.78	9.46	40.00	-30.54	QP	
3	*	129.7940	32.69	-13.34	19.35	43.50	-24.15	QP	
4		144.8140	30.63	-12.38	18.25	43.50	-25.25	QP	
5		184.6460	30.75	-14.44	16.31	43.50	-27.19	QP	
6		270.8290	26.54	-12.40	14.14	46.00	-31.86	QP	

Above 1 - 18 GHz

Operation Mode:	Config 1 DATA Link (USB)- SD Card (Read)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

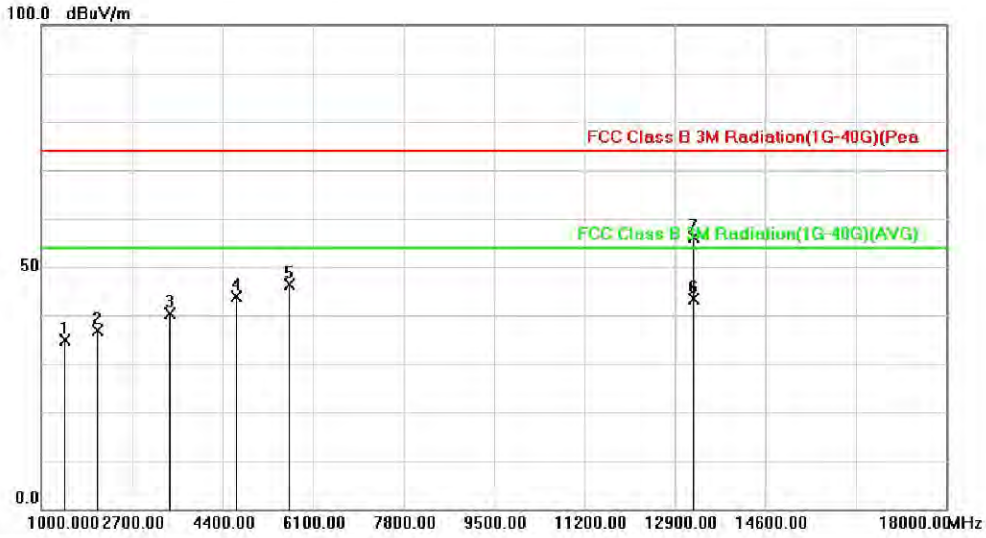


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1289.000	57.21	-15.08	42.13	74.00	-31.87	peak	
2		2989.000	56.67	-13.08	43.59	74.00	-30.41	peak	
3		3720.000	53.68	-11.63	42.05	74.00	-31.95	peak	
4		5182.000	54.82	-8.68	46.14	74.00	-27.86	peak	
5		10367.000	51.99	3.58	55.57	74.00	-18.43	peak	
6		10367.180	38.68	3.58	42.26	54.00	-11.74	AVG	
7	*	14582.520	36.41	9.27	45.68	54.00	-8.32	AVG	
8		14583.000	47.93	9.27	57.20	74.00	-16.80	peak	

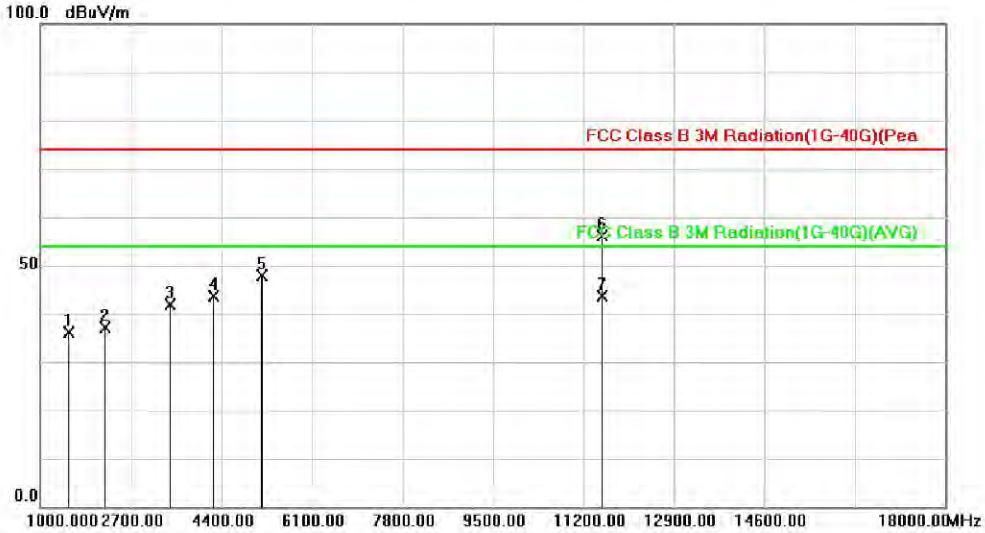


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1289.000	53.85	-15.08	38.77	74.00	-35.23	peak	
2		3159.000	54.43	-12.68	41.75	74.00	-32.25	peak	
3		4519.000	55.67	-10.06	45.61	74.00	-28.39	peak	
4		5947.000	54.38	-7.20	47.18	74.00	-26.82	peak	
5		11879.720	38.94	4.47	43.41	54.00	-10.59	AVG	
6		11880.000	51.10	4.47	55.57	74.00	-18.43	peak	
7	*	14208.520	36.80	9.06	45.86	54.00	-8.14	AVG	
8		14209.000	49.02	9.06	58.08	74.00	-15.92	peak	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

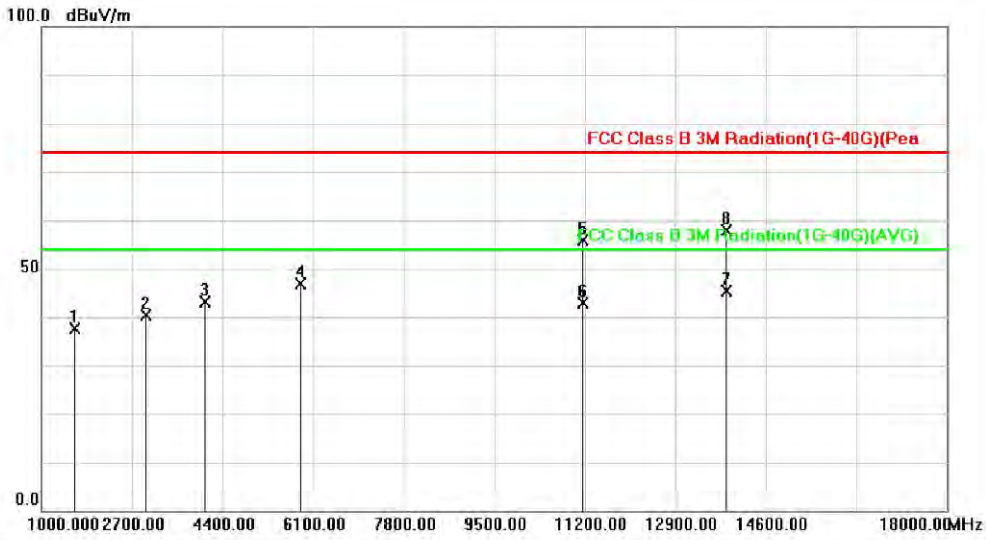


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1442.000	54.17	-19.22	34.95	74.00	-39.05	peak	
2		2054.000	54.26	-17.31	36.95	74.00	-37.05	peak	
3		3414.000	53.14	-12.81	40.33	74.00	-33.67	peak	
4		4655.000	53.80	-10.00	43.80	74.00	-30.20	peak	
5		5658.000	54.40	-8.13	46.27	74.00	-27.73	peak	
6	*	13247.010	53.98	-10.67	43.31	54.00	-10.69	AVG	
7		13257.000	54.01	2.11	56.12	74.00	-17.88	peak	

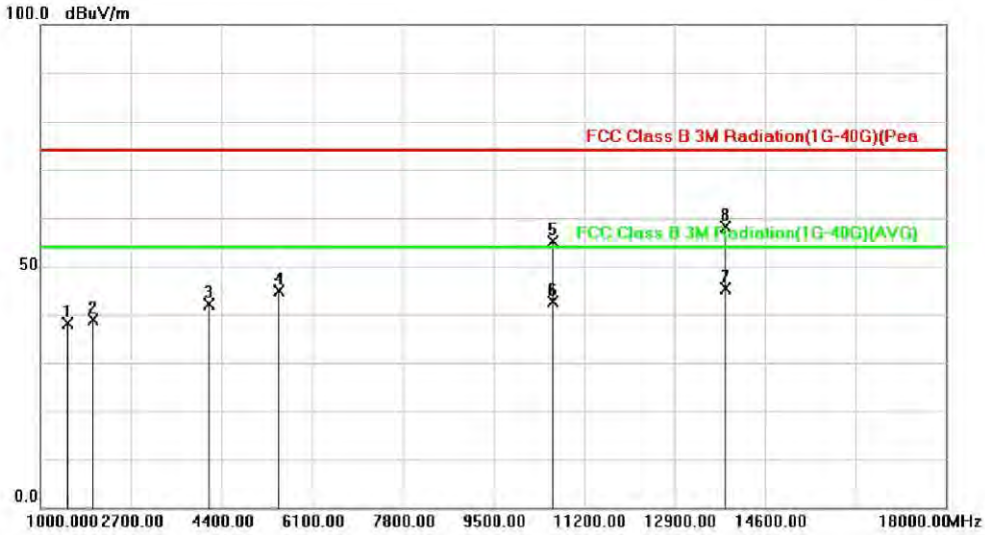


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1527.000	54.96	-18.91	36.05	74.00	-37.95	peak	
2		2207.000	53.72	-16.63	37.09	74.00	-36.91	peak	
3		3431.000	54.61	-12.79	41.82	74.00	-32.18	peak	
4		4247.000	54.54	-10.86	43.68	74.00	-30.32	peak	
5		5165.000	56.78	-8.92	47.86	74.00	-26.14	peak	
6		11540.000	52.77	3.29	56.06	74.00	-17.94	peak	
7	*	11546.034	52.77	-9.19	43.58	54.00	-10.42	AVG	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

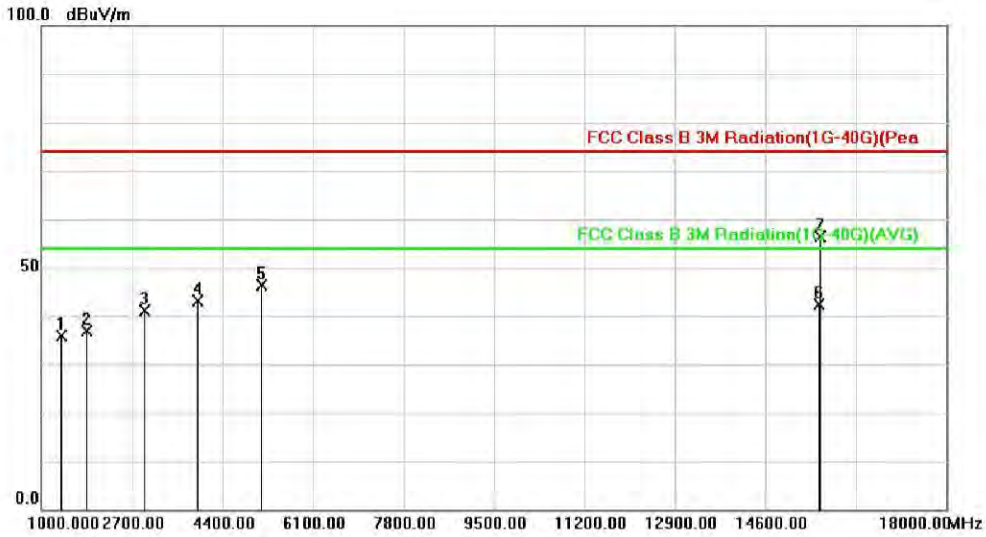


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1612.000	54.06	-16.32	37.74	74.00	-36.26	peak	
2		2955.000	53.70	-13.25	40.45	74.00	-33.55	peak	
3		4077.000	54.17	-11.08	43.09	74.00	-30.91	peak	
4		5862.000	54.20	-7.40	46.80	74.00	-27.20	peak	
5		11166.000	51.49	4.39	55.88	74.00	-18.12	peak	
6		11166.140	38.61	4.39	43.00	54.00	-11.00	AVG	
7	*	13868.800	37.27	8.18	45.45	54.00	-8.55	AVG	
8		13869.000	49.81	8.18	57.99	74.00	-16.01	peak	

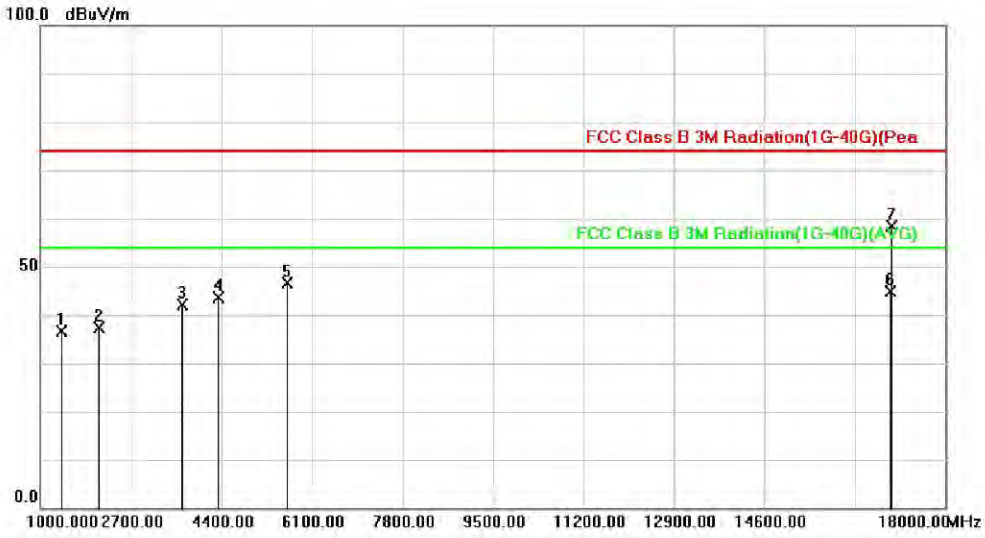


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1510.000	54.47	-16.40	38.07	74.00	-35.93	peak	
2		1986.000	54.80	-16.03	38.77	74.00	-35.23	peak	
3		4162.000	53.07	-10.87	42.20	74.00	-31.80	peak	
4		5471.000	53.19	-8.31	44.88	74.00	-29.12	peak	
5		10622.000	51.13	3.98	55.11	74.00	-18.89	peak	
6		10622.220	38.64	3.98	42.62	54.00	-11.38	AVG	
7	*	13868.860	37.30	8.18	45.48	54.00	-8.52	AVG	
8		13869.000	49.91	8.18	58.09	74.00	-15.91	peak	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

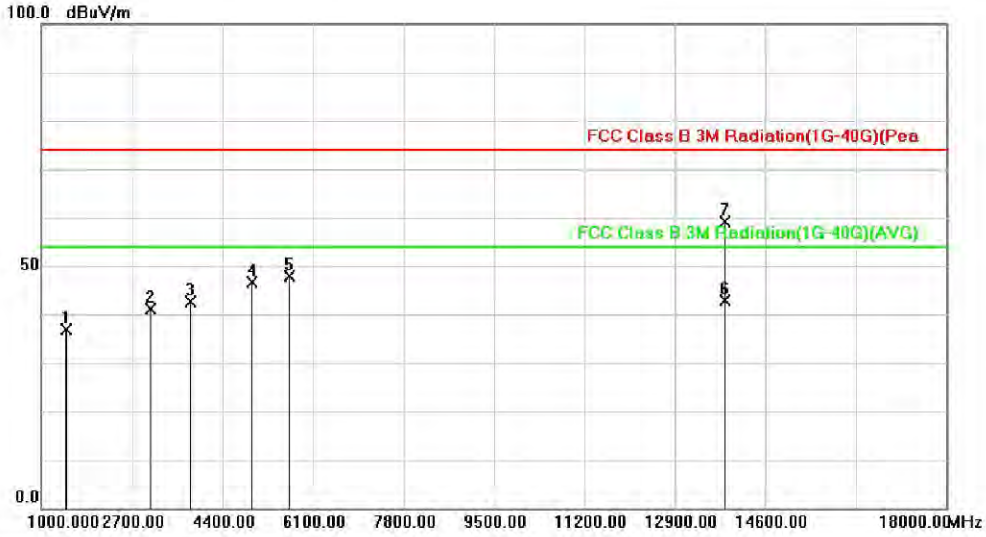


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1374.000	55.47	-19.49	35.98	74.00	-38.02	peak	
2		1850.000	54.85	-17.99	36.86	74.00	-37.14	peak	
3		2938.000	55.05	-13.81	41.24	74.00	-32.76	peak	
4		3924.000	54.68	-11.54	43.14	74.00	-30.86	peak	
5		5131.000	55.46	-8.98	46.48	74.00	-27.52	peak	
6	*	15610.010	53.68	-11.39	42.29	54.00	-11.71	AVG	
7		15620.000	53.67	2.69	56.36	74.00	-17.64	peak	

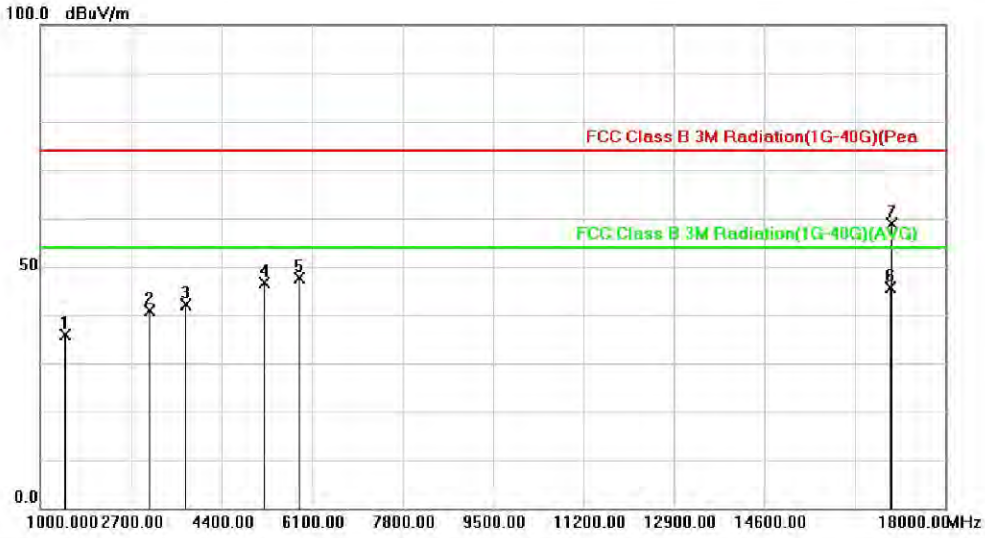


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1391.000	56.11	-19.42	36.69	74.00	-37.31	peak	
2		2088.000	54.43	-17.16	37.27	74.00	-36.73	peak	
3		3652.000	54.28	-12.27	42.01	74.00	-31.99	peak	
4		4332.000	54.45	-10.71	43.74	74.00	-30.26	peak	
5		5624.000	54.88	-8.22	46.66	74.00	-27.34	peak	
6	*	16970.010	56.24	-11.30	44.94	54.00	-9.06	AVG	
7		16980.000	56.28	2.03	58.31	74.00	-15.69	peak	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

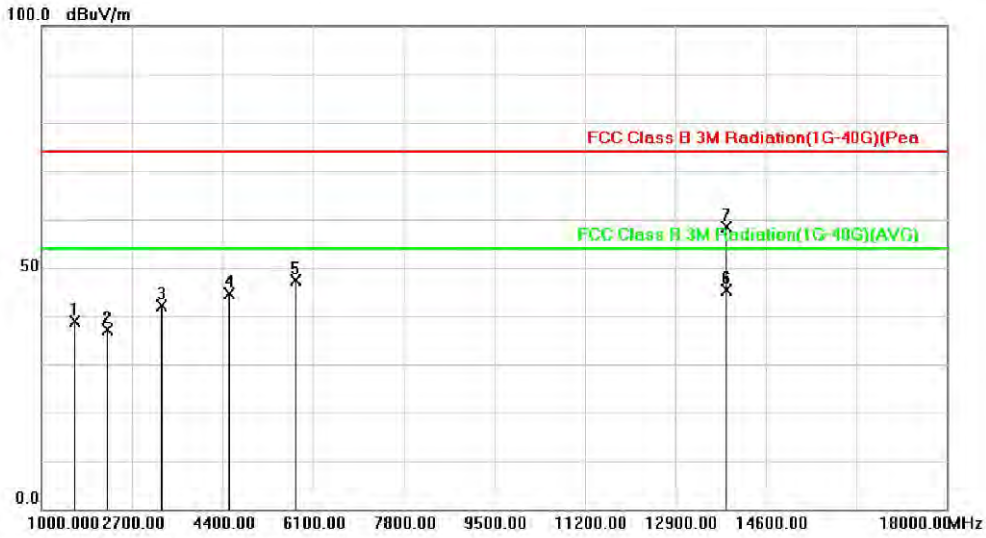


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1459.000	55.95	-19.15	36.80	74.00	-37.20	peak	
2		3040.000	54.57	-13.52	41.05	74.00	-32.95	peak	
3		3788.000	54.51	-11.91	42.60	74.00	-31.40	peak	
4		4961.000	55.74	-9.23	46.51	74.00	-27.49	peak	
5		5658.000	55.92	-8.13	47.79	74.00	-26.21	peak	
6	*	13830.245	55.73	-12.75	42.98	54.00	-11.02	AVG	
7		13835.000	55.74	3.42	59.16	74.00	-14.84	peak	

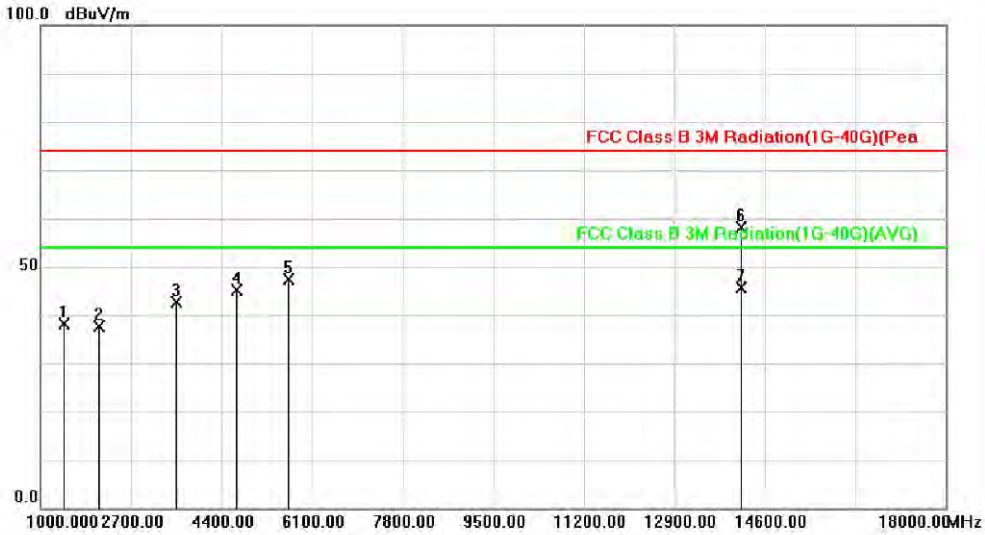


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1459.000	55.03	-19.15	35.88	74.00	-38.12	peak	
2		3057.000	54.25	-13.49	40.76	74.00	-33.24	peak	
3		3737.000	54.13	-12.04	42.09	74.00	-31.91	peak	
4		5199.000	55.53	-8.89	46.64	74.00	-27.36	peak	
5		5862.000	55.23	-7.59	47.64	74.00	-26.36	peak	
6	*	16970.217	56.24	-10.56	45.68	54.00	-8.32	AVG	
7		16980.000	56.28	2.58	58.86	74.00	-15.14	peak	

Operation Mode:	Config 3 Recording (Back)	Test Date:	May 22, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.



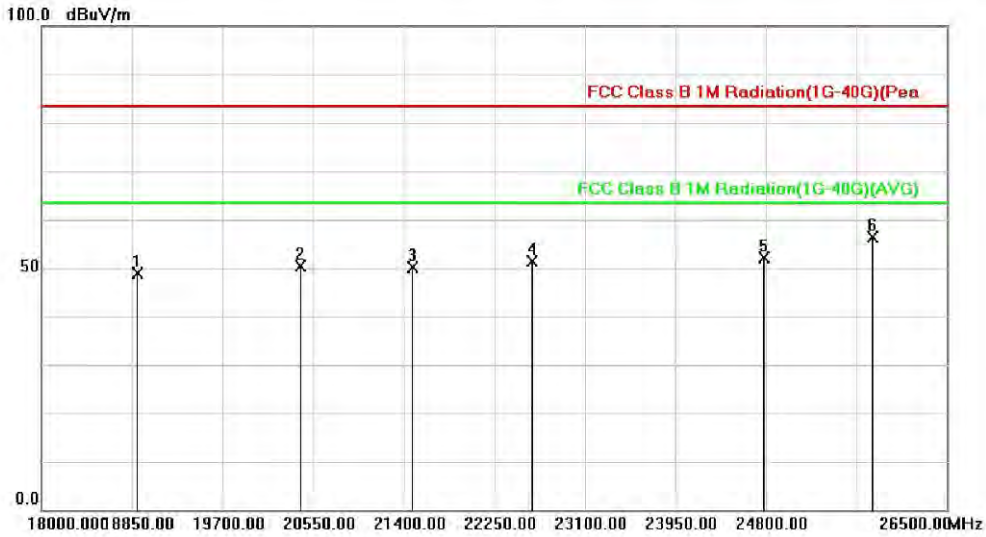
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1629.000	55.15	-16.29	38.86	74.00	-35.14	peak	
2		2241.000	52.94	-15.70	37.24	74.00	-36.76	peak	
3		3244.000	54.50	-12.49	42.01	74.00	-31.99	peak	
4		4519.000	54.66	-10.06	44.60	74.00	-29.40	peak	
5		5777.000	54.91	-7.61	47.30	74.00	-26.70	peak	
6	*	13868.880	37.11	8.18	45.29	54.00	-8.71	AVG	
7		13869.000	50.19	8.18	58.37	74.00	-15.63	peak	



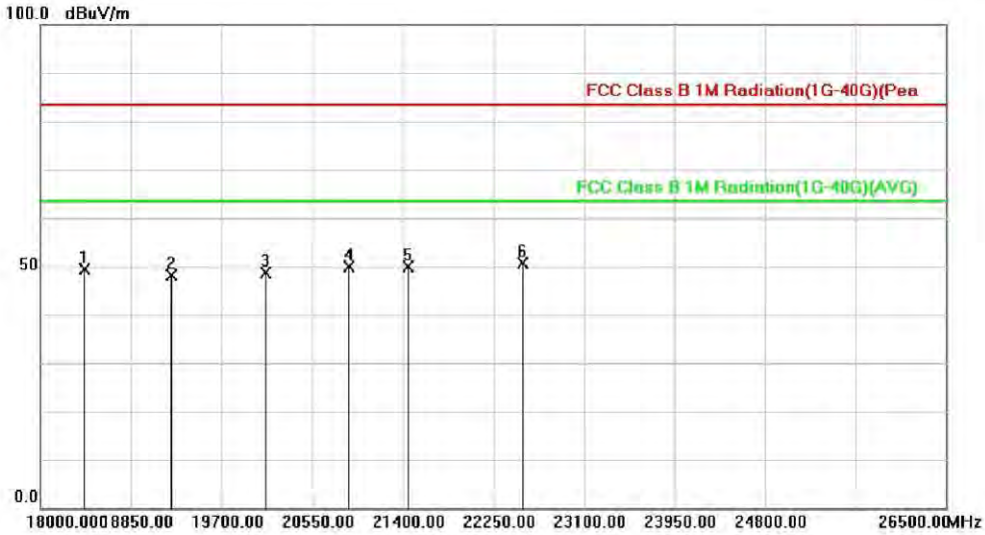
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1442.000	54.00	-15.92	38.08	74.00	-35.92	peak	
2		2105.000	53.54	-15.87	37.67	74.00	-36.33	peak	
3		3550.000	54.55	-11.85	42.70	74.00	-31.30	peak	
4		4689.000	54.89	-9.66	45.23	74.00	-28.77	peak	
5		5658.000	55.15	-7.89	47.26	74.00	-26.74	peak	
6		14158.000	49.17	8.96	58.13	74.00	-15.87	peak	
7	*	14158.240	36.77	8.96	45.73	54.00	-8.27	AVG	

Above 18 – 26.5 GHz

Operation Mode:	Config 1 DATA Link (USB)- SD Card (Read)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

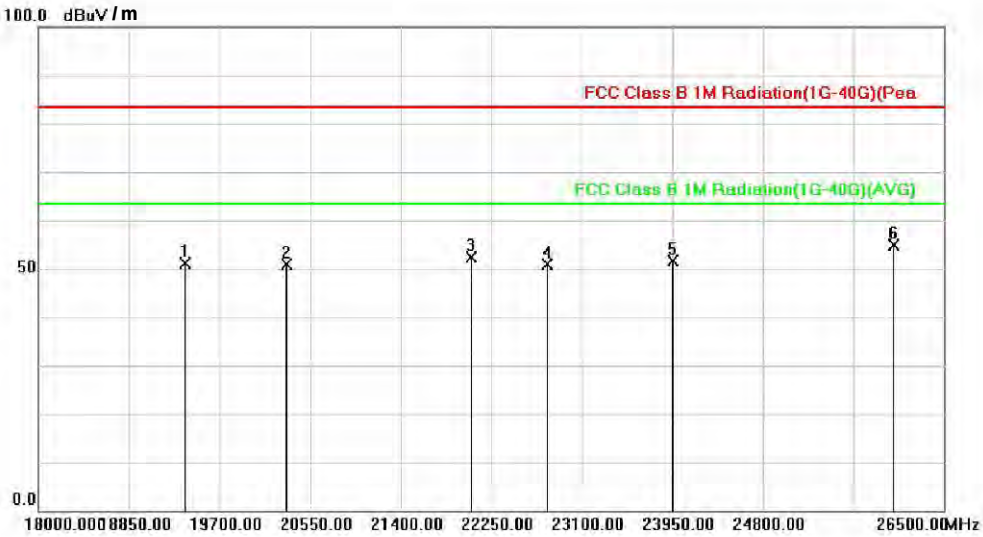


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18901.000	60.71	-11.91	48.80	83.50	-34.70	peak	
2		20431.000	62.52	-12.24	50.28	83.50	-33.22	peak	
3		21485.000	61.53	-11.45	50.08	83.50	-33.42	peak	
4		22607.000	62.60	-11.22	51.38	83.50	-32.12	peak	
5		24783.000	61.90	-9.69	52.21	83.50	-31.29	peak	
6	*	25803.000	64.63	-8.21	56.42	83.50	-27.08	peak	

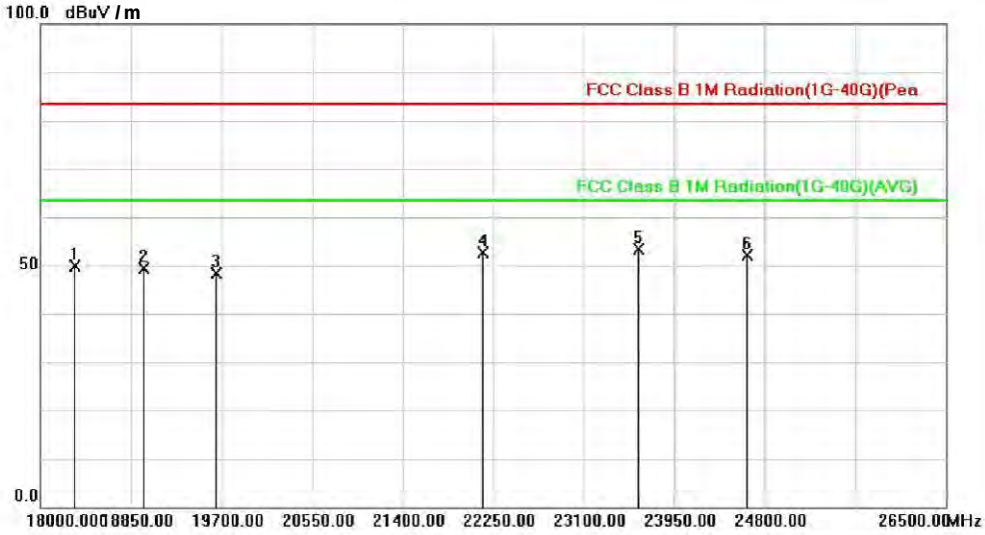


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18408.000	61.90	-12.57	49.33	83.50	-34.17	peak	
2		19224.000	59.54	-11.53	48.01	83.50	-35.49	peak	
3		20108.000	61.33	-12.82	48.51	83.50	-34.99	peak	
4		20890.000	61.63	-11.80	49.83	83.50	-33.67	peak	
5		21451.000	61.45	-11.47	49.98	83.50	-33.52	peak	
6	*	22522.000	61.94	-11.31	50.63	83.50	-32.87	peak	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

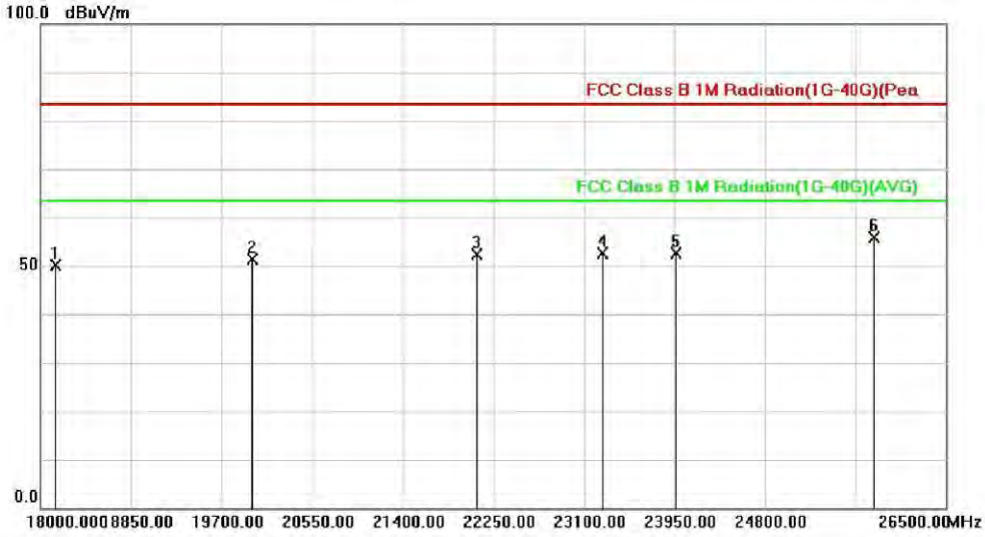


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19377.000	62.57	-11.38	51.19	83.50	-32.31	peak	
2		20329.000	63.39	-12.43	50.96	83.50	-32.54	peak	
3		22063.000	63.60	-11.24	52.36	83.50	-31.14	peak	
4		22777.000	62.00	-11.04	50.96	83.50	-32.54	peak	
5		23950.000	62.76	-11.12	51.64	83.50	-31.86	peak	
6	*	26024.000	63.55	-8.77	54.78	83.50	-28.72	peak	

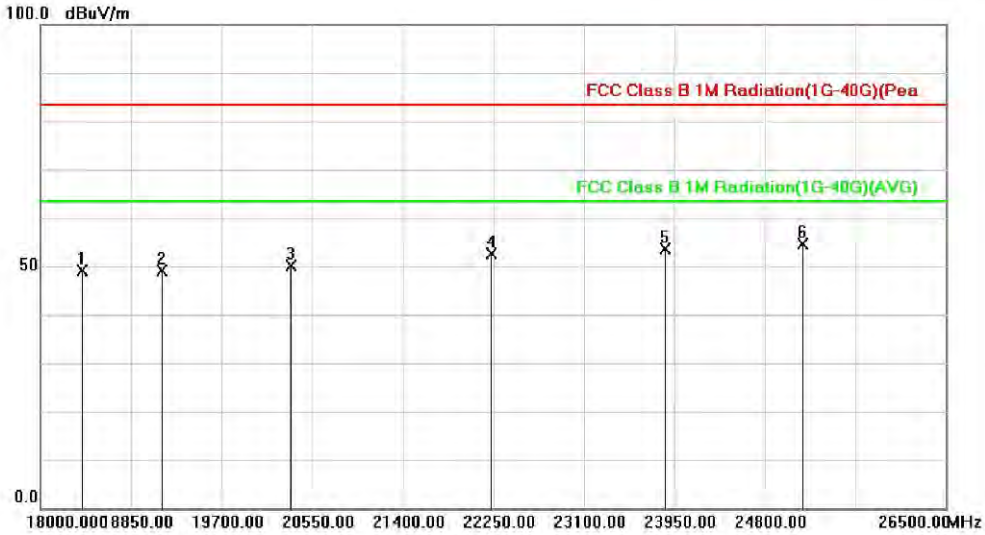


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18323.000	62.51	-12.70	49.81	83.50	-33.69	peak	
2		18969.000	61.22	-11.82	49.40	83.50	-34.10	peak	
3		19649.000	60.25	-11.77	48.48	83.50	-35.02	peak	
4		22148.000	63.83	-11.26	52.57	83.50	-30.93	peak	
5	*	23610.000	64.07	-10.60	53.47	83.50	-30.03	peak	
6		24630.000	61.90	-9.82	52.08	83.50	-31.42	peak	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

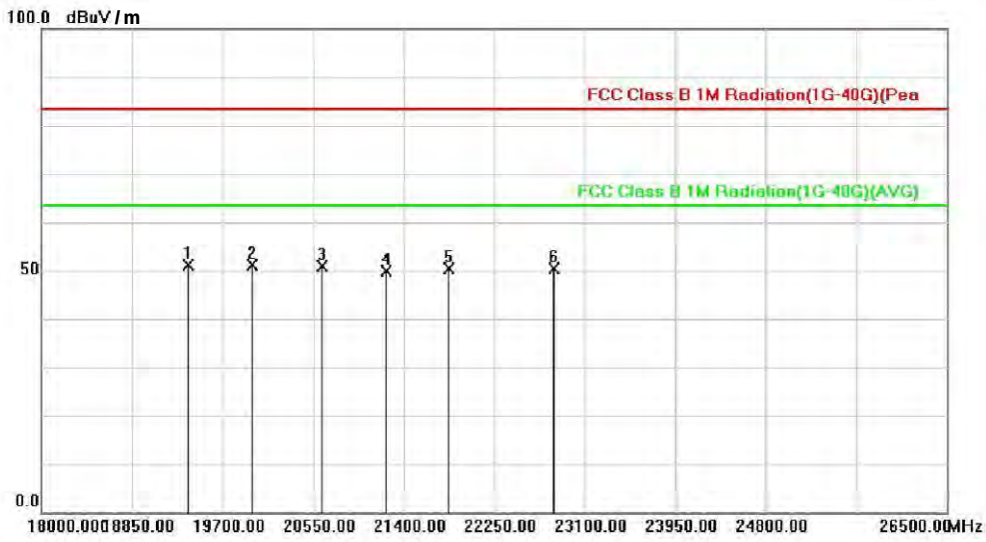


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18136.000	63.12	-12.98	50.14	83.50	-33.36	peak	
2		19989.000	64.42	-12.97	51.45	83.50	-32.05	peak	
3		22097.000	63.69	-11.25	52.44	83.50	-31.06	peak	
4		23270.000	63.23	-10.60	52.63	83.50	-30.87	peak	
5		23967.000	63.76	-11.15	52.61	83.50	-30.89	peak	
6	*	25820.000	64.15	-8.25	55.90	83.50	-27.60	peak	

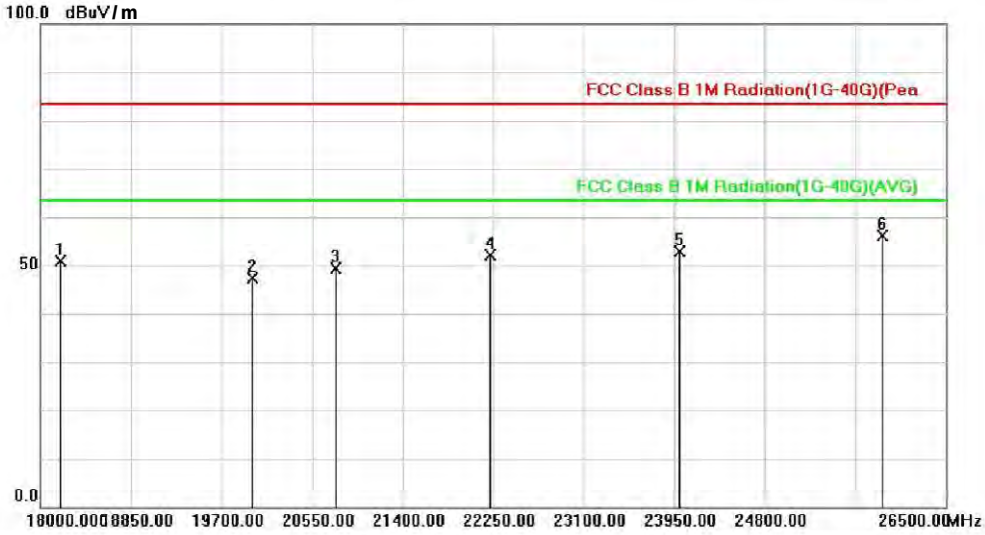


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18391.000	61.77	-12.61	49.16	83.50	-34.34	peak	
2		19139.000	60.74	-11.63	49.11	83.50	-34.39	peak	
3		20346.000	62.42	-12.39	50.03	83.50	-33.47	peak	
4		22233.000	63.85	-11.28	52.57	83.50	-30.93	peak	
5		23865.000	64.61	-10.99	53.62	83.50	-29.88	peak	
6	*	25157.000	63.43	-8.85	54.58	83.50	-28.92	peak	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

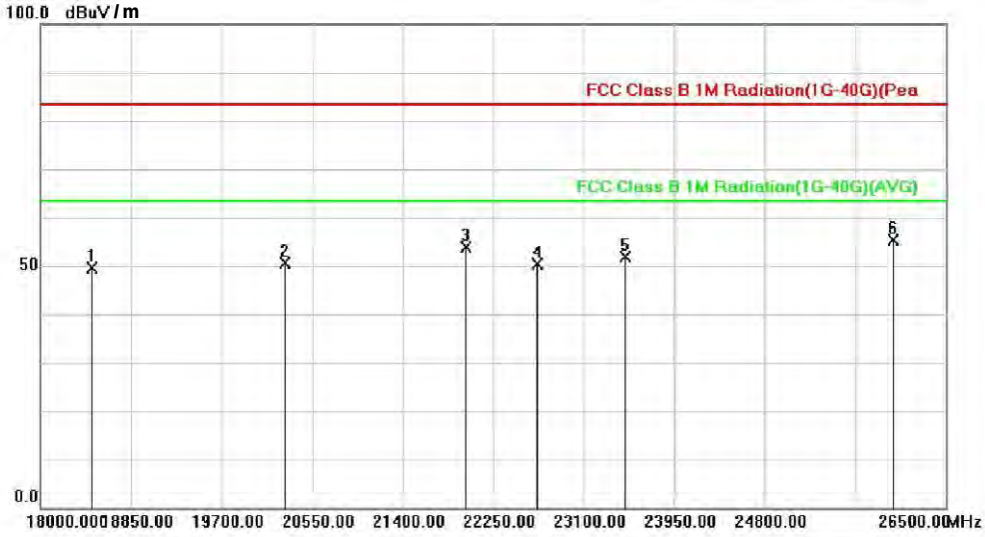


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19377.000	62.57	-11.38	51.19	83.50	-32.31	peak	
2	*	19972.000	64.16	-12.91	51.25	83.50	-32.25	peak	
3		20635.000	62.95	-12.02	50.93	83.50	-32.57	peak	
4		21230.000	61.53	-11.59	49.94	83.50	-33.56	peak	
5		21825.000	61.72	-11.30	50.42	83.50	-33.08	peak	
6		22811.000	61.46	-11.00	50.46	83.50	-33.04	peak	

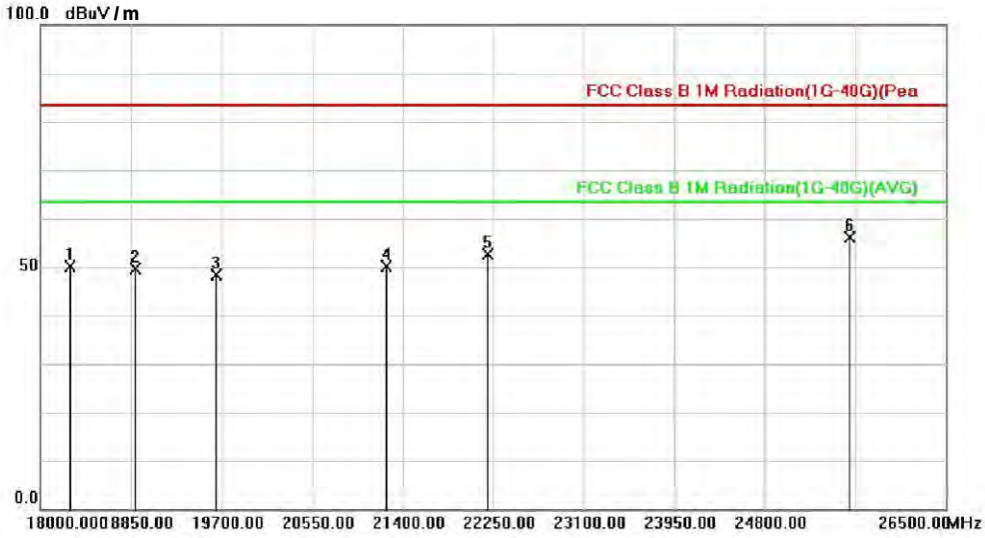


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18187.000	63.88	-12.91	50.97	83.50	-32.53	peak	
2		19989.000	60.35	-12.97	47.38	83.50	-36.12	peak	
3		20771.000	61.18	-11.90	49.28	83.50	-34.22	peak	
4		22216.000	63.32	-11.27	52.05	83.50	-31.45	peak	
5		24001.000	64.10	-11.20	52.90	83.50	-30.60	peak	
6	*	25905.000	64.65	-8.48	56.17	83.50	-27.33	peak	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

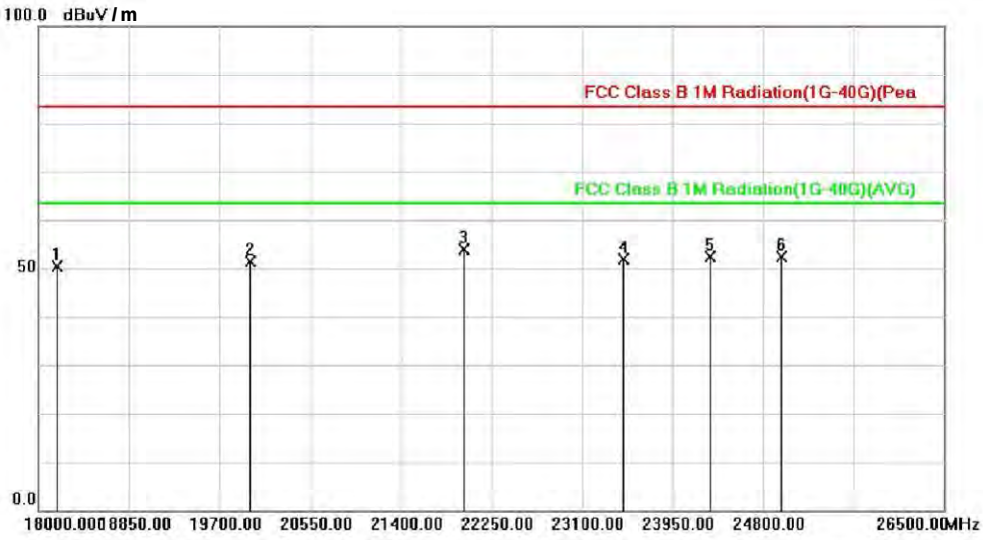


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18476.000	62.11	-12.48	49.63	83.50	-33.87	peak	
2		20295.000	63.05	-12.49	50.56	83.50	-32.94	peak	
3		21995.000	65.12	-11.23	53.89	83.50	-29.61	peak	
4		22658.000	61.58	-11.16	50.42	83.50	-33.08	peak	
5		23491.000	62.38	-10.44	51.94	83.50	-31.56	peak	
6	*	26007.000	64.04	-8.75	55.29	83.50	-28.21	peak	

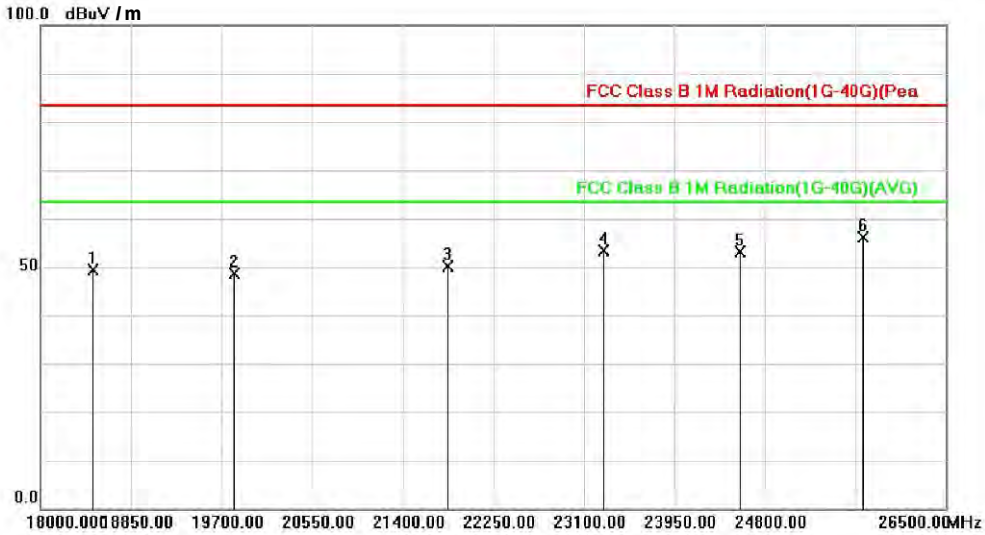


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18272.000	62.84	-12.78	50.06	83.50	-33.44	peak	
2		18884.000	61.50	-11.94	49.56	83.50	-33.94	peak	
3		19649.000	60.25	-11.77	48.48	83.50	-35.02	peak	
4		21247.000	61.72	-11.58	50.14	83.50	-33.36	peak	
5		22199.000	63.81	-11.27	52.54	83.50	-30.96	peak	
6	*	25599.000	63.81	-7.66	56.15	83.50	-27.35	peak	

Operation Mode:	Config 3 Recording (Back)	Test Date:	May 22, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.



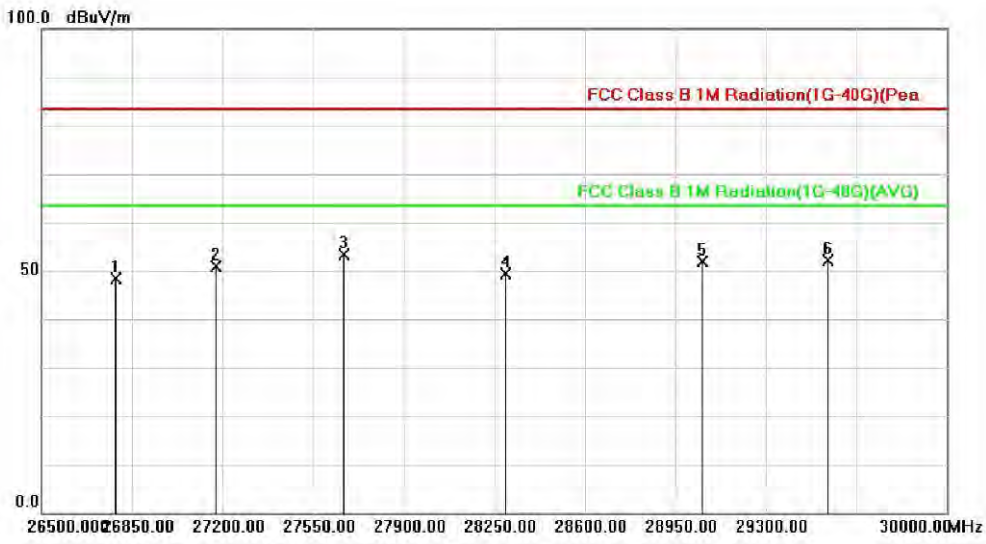
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18170.000	63.20	-12.93	50.27	83.50	-33.23	peak	
2		19989.000	64.42	-12.97	51.45	83.50	-32.05	peak	
3	*	21995.000	65.12	-11.23	53.89	83.50	-29.61	peak	
4		23491.000	62.38	-10.44	51.94	83.50	-31.56	peak	
5		24307.000	62.84	-10.41	52.43	83.50	-31.07	peak	
6		24970.000	62.00	-9.54	52.46	83.50	-31.04	peak	



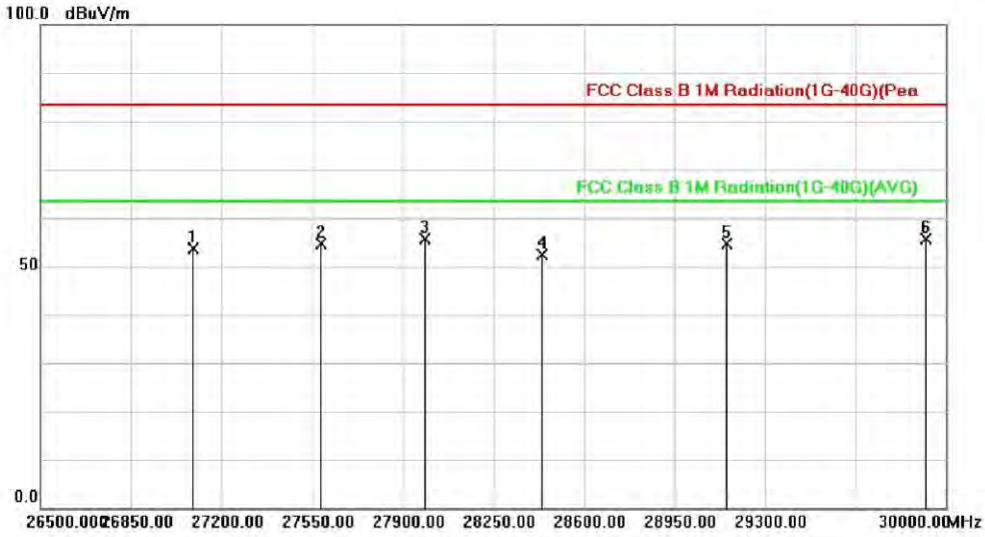
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18493.000	61.80	-12.45	49.35	83.50	-34.15	peak	
2		19819.000	60.97	-12.37	48.60	83.50	-34.90	peak	
3		21825.000	61.37	-11.30	50.07	83.50	-33.43	peak	
4		23287.000	64.04	-10.59	53.45	83.50	-30.05	peak	
5		24562.000	63.01	-9.87	53.14	83.50	-30.36	peak	
6	*	25718.000	64.18	-7.98	56.20	83.50	-27.30	peak	

Above 26.5 – 30 GHz

Operation Mode:	Config 1 DATA Link (USB)- SD Card (Read)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

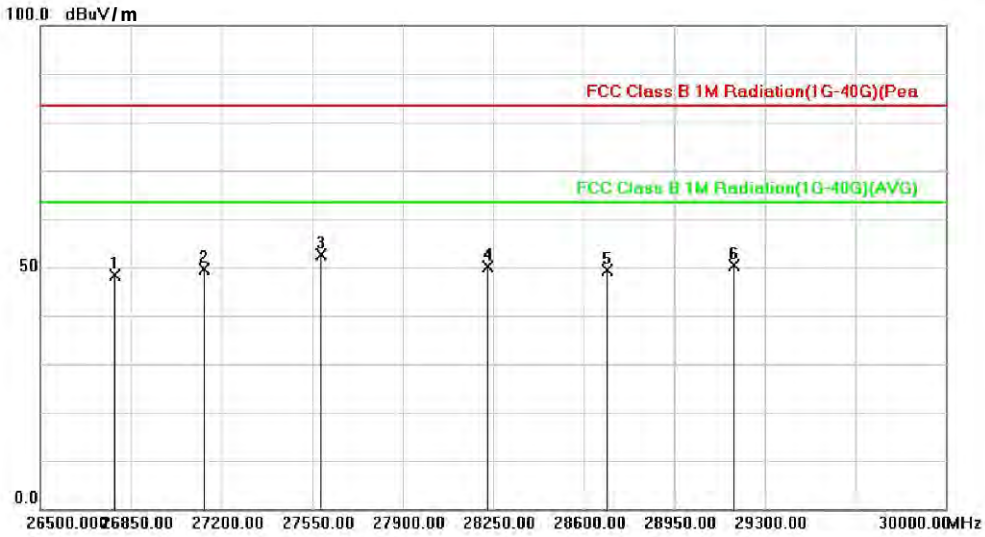


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26787.000	58.34	-9.89	48.45	83.50	-35.05	peak	
2		27172.000	61.22	-10.38	50.84	83.50	-32.66	peak	
3	*	27669.000	64.42	-11.01	53.41	83.50	-30.09	peak	
4		28292.000	60.05	-10.73	49.32	83.50	-34.18	peak	
5		29055.000	64.12	-12.25	51.87	83.50	-31.63	peak	
6		29538.000	64.43	-12.27	52.16	83.50	-31.34	peak	

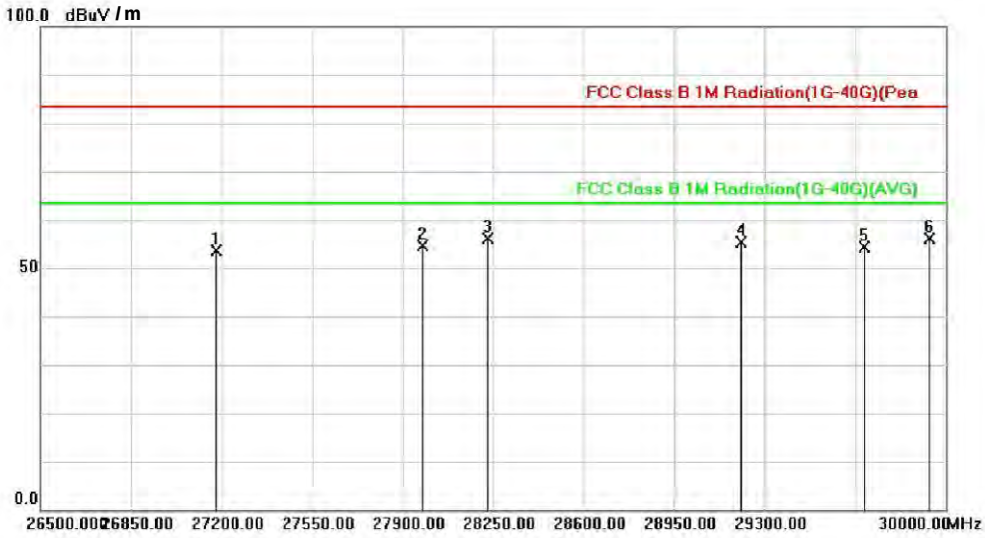


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27088.000	63.85	-10.26	53.59	83.50	-29.91	peak	
2		27585.000	65.58	-10.93	54.65	83.50	-28.85	peak	
3	*	27984.000	66.97	-11.28	55.69	83.50	-27.81	peak	
4		28439.000	62.86	-10.44	52.42	83.50	-31.08	peak	
5		29153.000	66.76	-12.25	54.51	83.50	-28.99	peak	
6		29923.000	67.86	-12.26	55.60	83.50	-27.90	peak	

Operation Mode:	Config 2 Recording (Front)	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

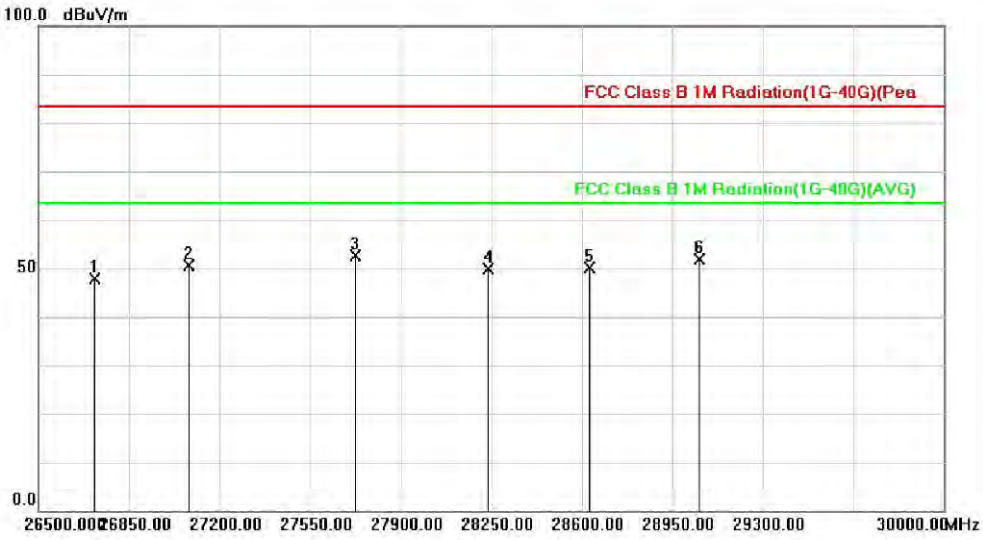


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26787.000	58.34	-9.89	48.45	83.50	-35.05	peak	
2		27130.000	60.03	-10.32	49.71	83.50	-33.79	peak	
3	*	27585.000	63.57	-10.93	52.64	83.50	-30.86	peak	
4		28229.000	60.95	-10.85	50.10	83.50	-33.40	peak	
5		28691.000	60.51	-11.06	49.45	83.50	-34.05	peak	
6		29181.000	62.58	-12.25	50.33	83.50	-33.17	peak	

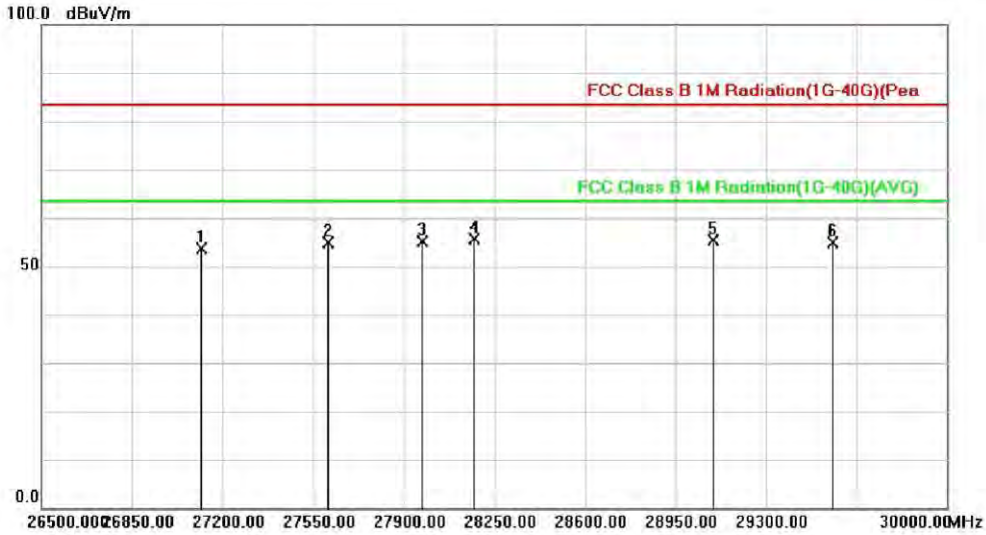


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27179.000	64.14	-10.40	53.74	83.50	-29.76	peak	
2		27977.000	65.86	-11.27	54.59	83.50	-28.91	peak	
3		28229.000	66.87	-10.85	56.02	83.50	-27.48	peak	
4		29209.000	67.51	-12.25	55.26	83.50	-28.24	peak	
5		29685.000	66.62	-12.26	54.36	83.50	-29.14	peak	
6	*	29937.000	68.34	-12.26	56.08	83.50	-27.42	peak	

Operation Mode:	Config 2 Recording (Back)	Test Date:	Jun. 30, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

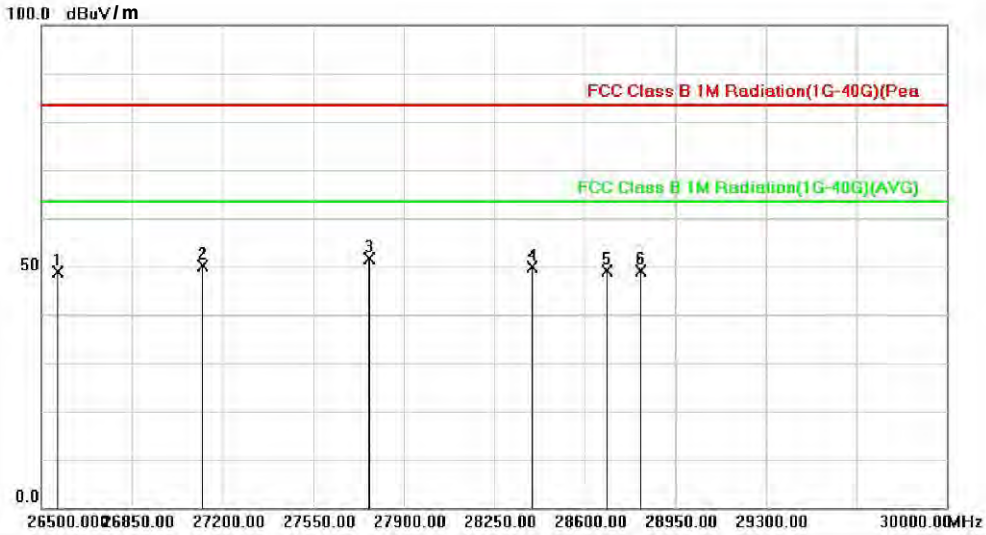


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26717.000	57.73	-9.81	47.92	83.50	-35.58	peak	
2		27081.000	60.86	-10.25	50.61	83.50	-32.89	peak	
3	*	27725.000	63.60	-11.05	52.55	83.50	-30.95	peak	
4		28236.000	60.71	-10.83	49.88	83.50	-33.62	peak	
5		28628.000	61.04	-10.82	50.22	83.50	-33.28	peak	
6		29055.000	64.12	-12.25	51.87	83.50	-31.63	peak	

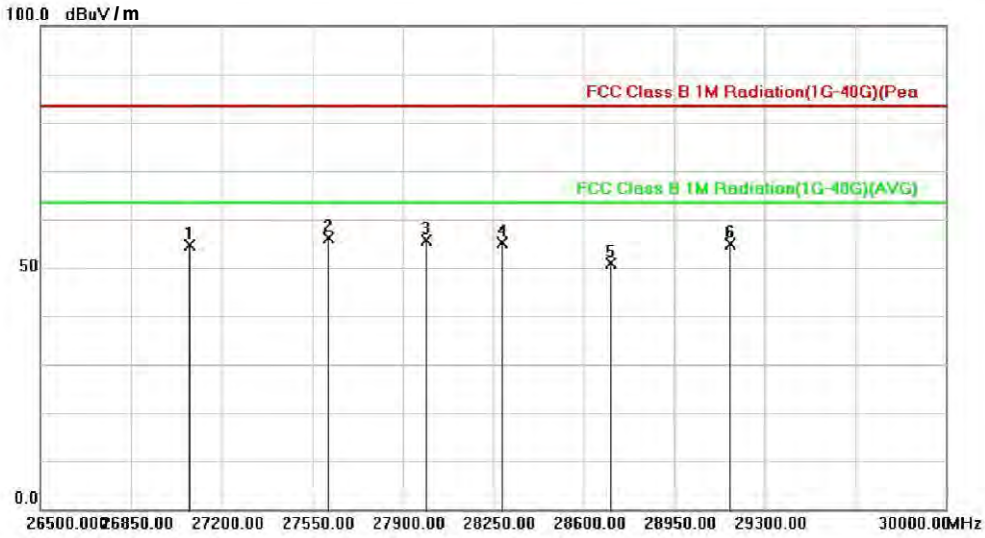


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27116.000	63.81	-10.30	53.51	83.50	-29.99	peak	
2		27606.000	65.86	-10.95	54.91	83.50	-28.59	peak	
3		27970.000	66.46	-11.27	55.19	83.50	-28.31	peak	
4	*	28173.000	66.59	-10.95	55.64	83.50	-27.86	peak	
5		29097.000	67.55	-12.24	55.31	83.50	-28.19	peak	
6		29559.000	67.26	-12.27	54.99	83.50	-28.51	peak	

Operation Mode:	Config 2 play recording	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

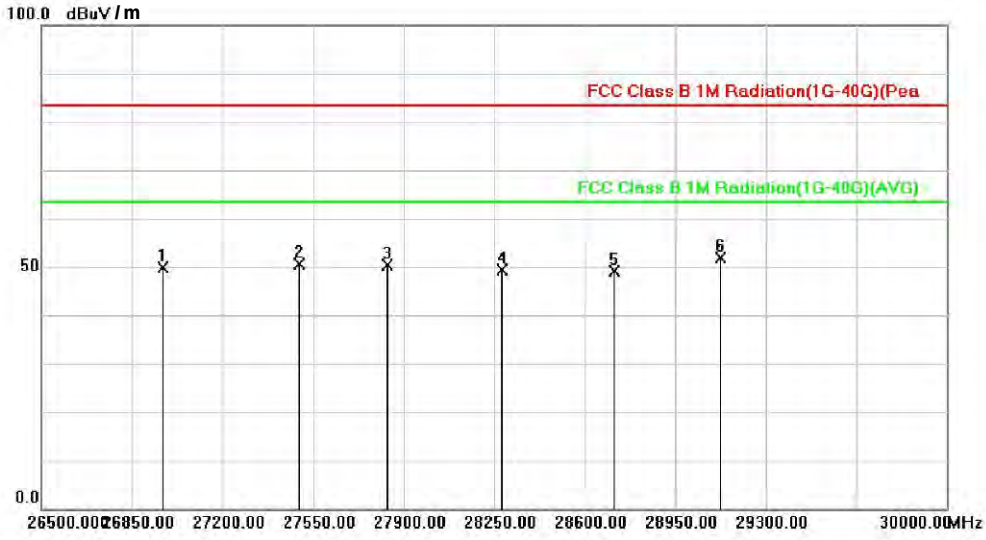


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26563.000	58.54	-9.63	48.91	83.50	-34.59	peak	
2		27123.000	60.39	-10.30	50.09	83.50	-33.41	peak	
3	*	27767.000	62.83	-11.09	51.74	83.50	-31.76	peak	
4		28397.000	60.36	-10.52	49.84	83.50	-33.66	peak	
5		28684.000	60.17	-11.03	49.14	83.50	-34.36	peak	
6		28817.000	60.68	-11.53	49.15	83.50	-34.35	peak	

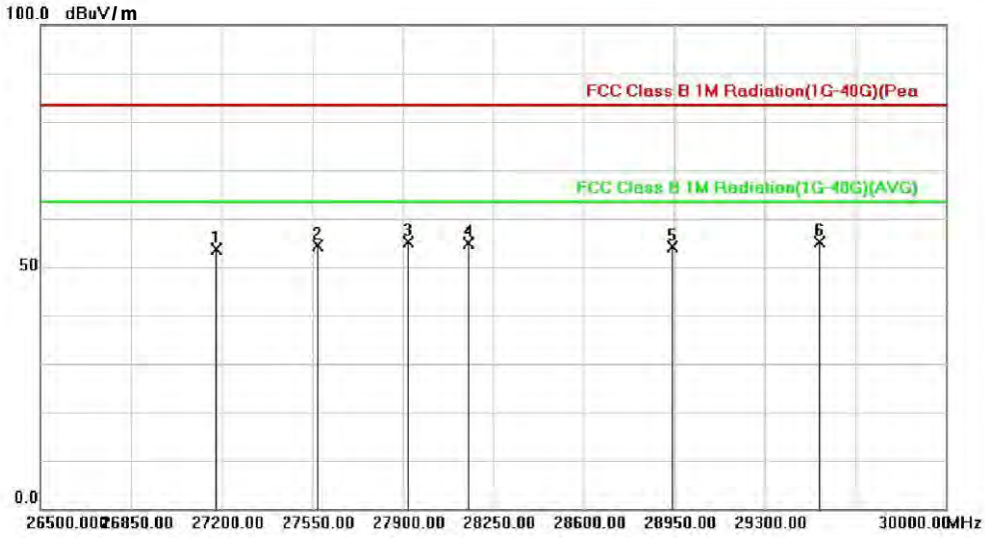


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27074.000	64.93	-10.23	54.70	83.50	-28.80	peak	
2	*	27613.000	67.07	-10.95	56.12	83.50	-27.38	peak	
3		27991.000	66.96	-11.29	55.67	83.50	-27.83	peak	
4		28285.000	65.90	-10.74	55.16	83.50	-28.34	peak	
5		28705.000	61.87	-11.11	50.76	83.50	-32.74	peak	
6		29167.000	67.25	-12.25	55.00	83.50	-28.50	peak	

Operation Mode:	Config 2 MP3	Test Date:	Apr. 29, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.

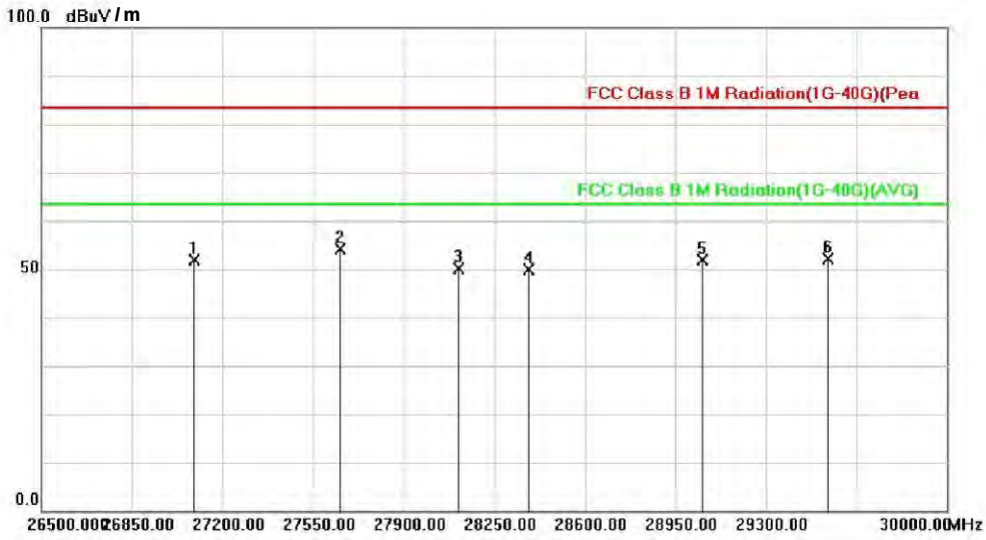


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26969.000	59.85	-10.09	49.76	83.50	-33.74	peak	
2		27494.000	61.58	-10.85	50.73	83.50	-32.77	peak	
3		27837.000	61.64	-11.15	50.49	83.50	-33.01	peak	
4		28278.000	60.26	-10.76	49.50	83.50	-34.00	peak	
5		28712.000	60.25	-11.13	49.12	83.50	-34.38	peak	
6	*	29125.000	64.11	-12.24	51.87	83.50	-31.63	peak	

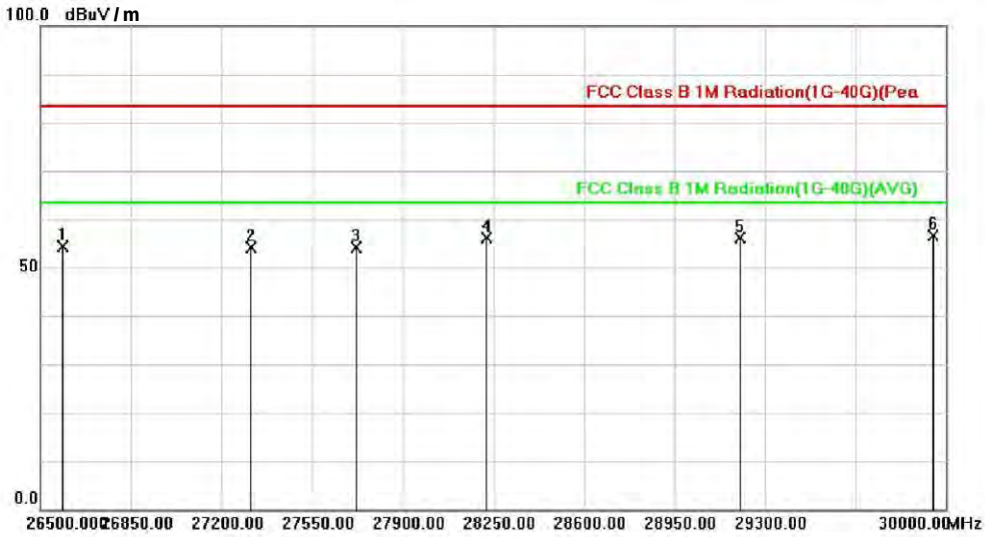


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27179.000	64.14	-10.40	53.74	83.50	-29.76	peak	
2		27571.000	65.28	-10.92	54.36	83.50	-29.14	peak	
3	*	27921.000	66.42	-11.22	55.20	83.50	-28.30	peak	
4		28152.000	65.79	-10.99	54.80	83.50	-28.70	peak	
5		28943.000	66.19	-12.02	54.17	83.50	-29.33	peak	
6		29510.000	67.29	-12.27	55.02	83.50	-28.48	peak	

Operation Mode:	Config 3 Recording (Back)	Test Date:	May 22, 2015
Tested By:	Eddy Cheng	Pol.:	Ver. and Hor.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		27088.000	62.08	-10.26	51.82	83.50	-31.68	peak	
2	*	27655.000	65.06	-11.00	54.06	83.50	-29.44	peak	
3		28110.000	61.11	-11.07	50.04	83.50	-33.46	peak	
4		28383.000	60.50	-10.55	49.95	83.50	-33.55	peak	
5		29055.000	64.12	-12.25	51.87	83.50	-31.63	peak	
6		29538.000	64.43	-12.27	52.16	83.50	-31.34	peak	



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		26584.000	64.05	-9.65	54.40	83.50	-29.10	peak	
2		27312.000	64.81	-10.58	54.23	83.50	-29.27	peak	
3		27718.000	65.16	-11.05	54.11	83.50	-29.39	peak	
4		28222.000	66.95	-10.85	56.10	83.50	-27.40	peak	
5		29202.000	68.36	-12.25	56.11	83.50	-27.39	peak	
6	*	29951.000	68.86	-12.26	56.60	83.50	-26.90	peak	

** End of Report **