

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

UN-INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B REQUIREMENT

OF

Product Name: PDA Phone
Brand Name: Sony
Model No.: C2005
Type No.: PM-0491-BV
Model Difference: N/A
FCC ID: PY7PM-0491
Report No.: EI/2013/60007
Issue Date: Jul. 19, 2013
FCC Rule Part: FCC Part 15:2013, Subpart B, Class B
Prepared for: Sony Mobile Communications AB
Nya Vattentornet 22188 Lund/SWEDEN
SGS Taiwan Ltd.
Electronics & Communication Laboratory
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VERIFICATION OF COMPLIANCE

Applicant: Sony Mobile Communications AB
Nya Vattentornet 22188 Lund/SWEDEN

Product Name: Nicki

Brand Name: Sony

Model No.: C2005

Type No.: PM-0491-BV

Model Difference: N/A

FCC ID: PY7PM-0491

File Number: EI/2013/60007

Date of EUT Received: Mar. 29, 2013

Date of test: Mar. 29 ~ Jul. 12, 2013

Issue Date: Jul. 19, 2013

Standards : FCC Part 15:2013, 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 (2003) 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. and ICES-003, issue 5. The test results of this report relate only to the tested sample identified in this report.

Test By:**Date:**

Jul. 19, 2013

*Jimmy Liu / Engineer***Prepared By:****Date:**

Jul. 19, 2013

*Anna Huang / Clerk***Approved By:****Date:**

Jul. 19, 2013

Jim Chang / Supervisor

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Revision History

Report Number	Revision	Description	Issue Date
EI/2013/60007	Rev.01	Initial Version	Jul. 19, 2013

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1. General Information

1.1 Product description

General:

Product Name:	PDA Phone	
Brand Name:	Sony	
Model No.:	C2005	
Type No.:	PM-0491-BV	
Model Difference:	N/A	
Data Cable (USB):	Model No.: EC450, Supplier: K-one Part No.: 1242-6715.3, Length: 100 cm	
Simple Hands-Free (SHF-White):	Model No.: MH410c, Supplier: Foster Electric Type No.: AG-1100	
Simple Hands-Free (SHF-Black):	Model No.: MH410c, Supplier: Foster Electric Type No.: CCA-0004017	
Car Charger:	Model No.: AN400, Supplier: Salcomp Type No.: CAA-0003013	
Hi-Fi Wireless Headset:	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:	15.2.A.0.17	
Power Supply:	3.7Vdc	
	Battery:	Model No.: BA900, Supplier: Sony Type No.: AB-0500
	Adapter:	Model No.: EP800, Supplier: Salcomp Type No.: CAA-0002016-US
IMEI:	00440214-683326-8	

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Bluetooth BR+EDR:

Bluetooth Version:	V3.0+HS
Channel number:	79 channels
Modulation type:	Frequency Hopping Spread Spectrum
Transmit Power:	10.11dBm
Frequency Range:	2.402GHz – 2.480GHz
Dwell Time:	<= 0.4s
Antenna Designation:	PIFA Antenna, Gain: 2.55dBi

The EUT is compliance for Bluetooth function.

For more detail please refer to report No.: EH/2013/70038

Bluetooth Low Energy:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V4.0 Dual mode
Channel number:	40 channels
Modulation type:	GFSK
Transmit Power:	1.24dBm (Peak)
Antenna Designation:	PIFA Antenna, Gain: 2.55dBi

The EUT is compliance for Bluetooth V4.0 function.

For more detail please refer to report No.: EH/2013/70039

NFC:

Operating Frequency	13.56MHz
Transmit Power	< 123dBuV/m at 3m.
Number of Channels	1
Antenna Type	Loop Antenna
Modulation Type	ASK, BPSK

The EUT is compliance for NFC Standard.

For more detail please refer to report No.: EH/2013/70037

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WLAN 2.4GHz+5.7GHz:

Wi-Fi	Frequency Range	Channels	Rated Power	Modulation Technology
11b/g	2412-2462	11	b: 17.27dBm g: 20.82dBm	DSSS, OFDM
11n	HT20 2412-2462	11	HT20: 20.84dBm	OFDM
11a	5725-5850	5	a: 19.54dBm	OFDM
11n (5GHz)	HT20 5725-5850	5	HT20: 19.62dBm	
11n (5GHz)	HT40 5725-5850	2	HT40: 19.18dBm	
Antenna Designation:		PIFA Antenna, 2.4GHz Gain: 2.55dBi 5GHz Gain: 1.66dBi (5725MHz-5850MHz)		
Modulation type:		CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM		
Transition Rate:		802.11 a: 6/9/12/18/24/36/48/54 Mbps 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 – 65.0Mbps 802.11 n_40MHz: 13.5 – 135.0Mbps		

The EUT is compliance for IEEE 802.11 a/b/g/n Standard
For more detail please refer to report No.: EH/2013/70040

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WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Rated Power (Avg)	Modulation Technology
11a	5150~5250	4	12.77dBm	OFDM
	5250~5350	4	12.78dBm	
	5470~5725	11	12.87dBm	
11n	HT20 5150~5250	4	HT20: 12.85dBm	OFDM
	HT20 5250~5350	4	HT20: 12.84dBm	
	HT20 5470~5725	8	HT20: 12.88dBm	
11n	HT40 5150~5250	2	HT40: 11.76dBm	OFDM
	HT40 5250~5350	2	HT40: 11.79dBm	
	HT40 5470~5725	3	HT40: 11.87dBm	
Antenna Designation	PIFA Antenna, 5GHz Gain: -0.74dBi (5150MHz-5250MHz) 5GHz Gain: 1.01dBi (5250MHz-5350MHz) 5GHz Gain: 2.70dBi (5470MHz-5725MHz)			
Modulation type	CCK, DQPSK, DBPSK for DSSS 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			

The EUT is compliance for IEEE 802.11 a/n_HT20M/n_HT40M Standard.
For more detail please refer to report No.: EH/2013/70041

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GSM:

Cellular Phone Standards Frequency Range and Power.	Operating Frequency		Rated Power
	GSM/GPRS 850, Class 12	824.2 MHz– 848.8 MHz	33dBm
	EDGE 850, Class 12	824.2 MHz– 848.8 MHz	27dBm
	GSM/GPRS 1900, Class 12	1850.2MHz – 1909.8MHz	30dBm
	EDGE 1900, Class 12	1850.2MHz – 1909.8MHz	26dBm
Type of Emission:	GSM 850: 248KGXW, GSM 1900: 247KGXW GPRS 850: 247KGXW, GPRS 1900: 247KGXW EDGE 850: 244KG7W, EDGE 1900: 242KG7W		
IMEI:	004402146831940		

The EUT is compliance for 850/1900 GSM/GPRS/EDGE

For more detail please refer to report No.: EH/2013/70043

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1.2 Test Plan

Test Plan:

<i>C2005</i>		<i>Config 1</i>	<i>Config 2</i>
Applicable standard (FCC 15B)			
Accessories	UE + Battery(BA 900) + USB Cable (EC802) +SHF (MH410C)	UE + Battery(BA 900) + AC Adaptor (EP 800) +USB Cable (EC802) + SHF(MH410C)	
		DATA Link	CAMERA
		DATA Link + Idle	FULL SYSTEM + Idle
Description			
	radiated emission	DATA Link	Recording & Play recording & MP3
	conducted emission (AC Power)	DATA Link	Recording & Play recording & MP3

* Test configuration by client

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The given application is dual SIM build of certified product, PY7PM-0491. It differs only in the mental shield covering the portion of slot space that is preserved in the built applicable PY7PM-0491. Except for the change as aforementioned 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 PY7M-0491 and remains, and entails representative.

This test report only demonstrates the result of spot-check on Radiated Emission in order to reveal of the evidence of compliance record proving the implementation of dual SIM built causes no degradation as compared to build, PY7PM-0491.

1.3 Operation Procedure

1. Set down EUT with support units and turn on the power of all equipment.
2. Pre-test the EUT in all modes by each model, then figure the worst case out.
3. Tests under the normal operation due to unintentional radiation mode.

1.4 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
NOTEBOOK	IBM	L412	LR-ZMYC
Printer	HP	DJ3820	CN34L181B1
Mouse	Lenovo	LXB MO28UOA USB	45J48881

1.5 Modification List

No modification by SGS Taiwan Electronics & Communication Laboratory.

1.6 Cable List

Cable Type	Length	Shield/Non-shield
Data cable (USB) with 2 cores near EUT, near Adapter	1.0m	Non-shielding
SHF	1.8m	Non-shielding

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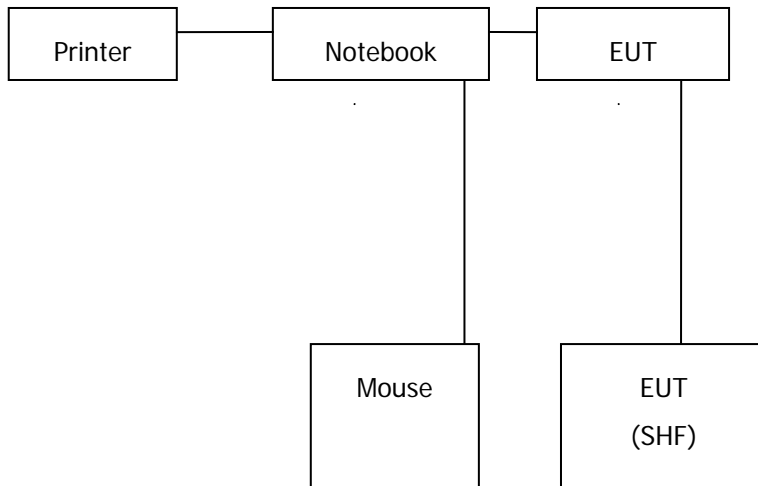
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1.7 Test Set-Up Configuration

Config1

Data Link mode

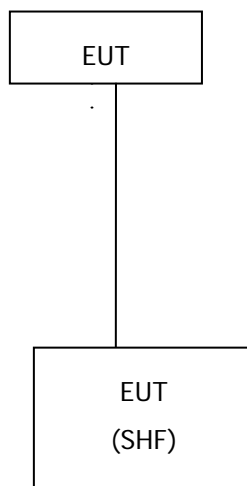


Config2

MP3 mode

Recording mode

Play recording



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1.8 Measurement Procedure

Conducted Emission Testing was performed according ANSI C63.4:2003 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 C63.4:2003 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 C63.4:2003. 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, ICES-003	Conducted Emission	PASS	Line	3.1836	-10.91(AVG)
			Neutral	3.4883	-11.15(AVG)
	Radiated Emission	PASS	Hor.	31.9600	-12.57(QP)

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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.

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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)	Class B (at 3m)
	dBuV/m	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)	Class B (at 10m)
	dBuV/m	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.

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2.4. Test of Conducted Emission

2.4.1 Test Equipments

Description	Manufacturer	Model No.	Serial No.	Last Calibration Date	Next Calibration Date
EMI Test Receiver	ROHDE&SCHWARZ	ESCS 30	828985/004	Sep. 22, 2012	Sep. 21, 2013
Coaxial Cables	N/A	WK CE Cable	N/A	Nov. 26, 2012	Nov. 25, 2013
L.I.S.N	Rolf-Heine	NNB-2/16Z	99012	Mar. 22, 2013	Mar. 21, 2014
L.I.S.N	FCC	FCC-LISN-50/ 250-25-2-01	04034	Mar. 22, 2013	Mar. 21, 2014
Software	Farad	EZ-EMC-VER 2A1.1(USB)	N/A	N/A	N/A

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 : 996 mBar

2.4.3.1 Uncertainty of Conducted Emission

The SGS U_{lab} is 0.98dB.(For 150kHz-30MHz)

This U_{lab} uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.4.3.2 Measurement level and Factor calculate method

Factor = LISN insertion loss + Cable loss
 Measurement Level = Reading Level + Factor

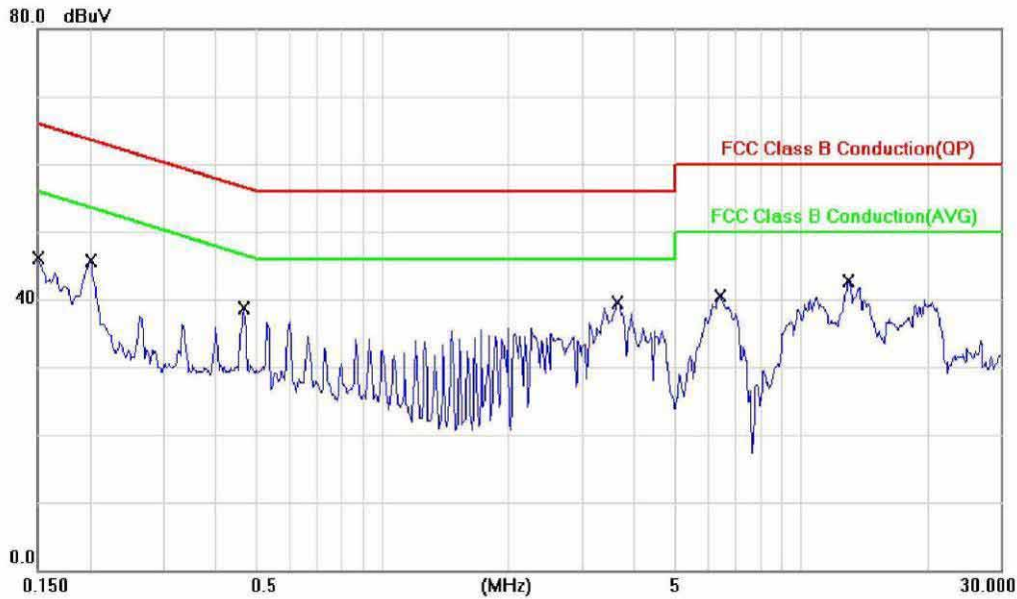
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2.4.4 Measurement Data

Operation Mode:	Config 1 Data Link Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	L1

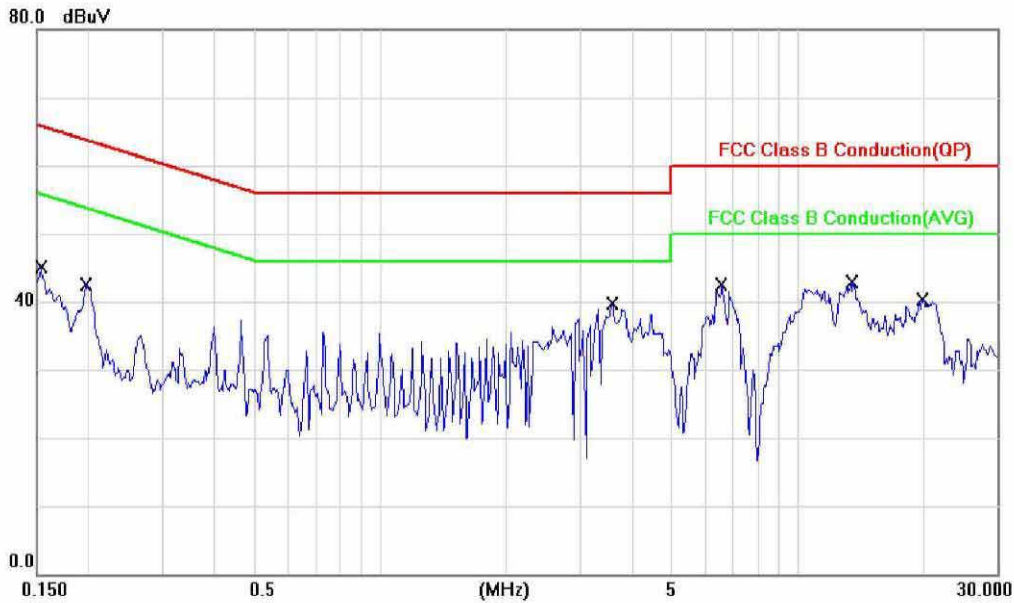


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	45.84	0.25	46.09	66.00	-19.91	QP	
2		0.2008	45.51	0.22	45.73	63.58	-17.85	QP	
3		0.4664	38.40	0.22	38.62	56.58	-17.96	QP	
4	*	3.6602	39.20	0.30	39.50	56.00	-16.50	QP	
5		6.3906	40.20	0.35	40.55	60.00	-19.45	QP	
6		12.9885	42.07	0.56	42.63	60.00	-17.37	QP	

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Operation Mode:	Config 1 Data Link Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	N

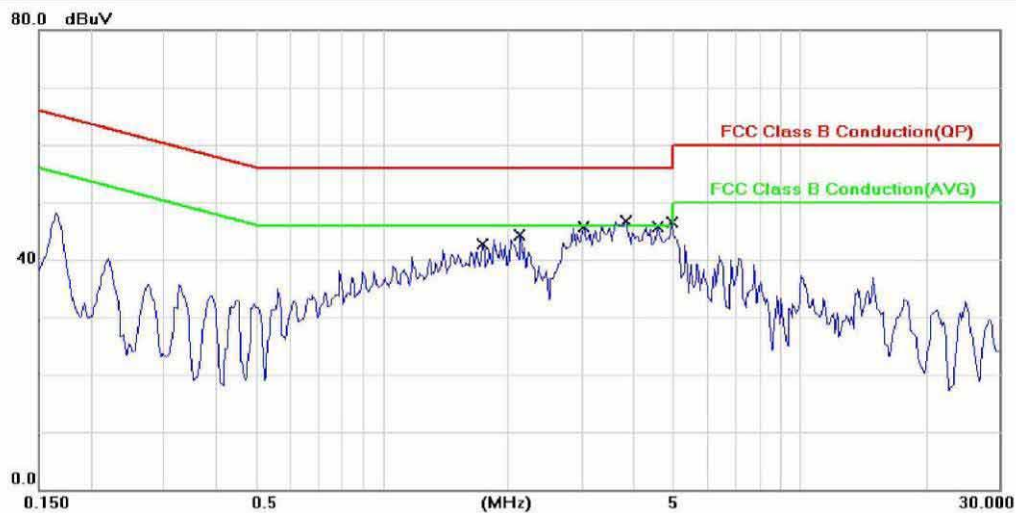


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1540	44.68	0.35	45.03	65.78	-20.75	QP	
2		0.1968	42.09	0.32	42.41	63.74	-21.33	QP	
3	*	3.5860	39.27	0.36	39.63	56.00	-16.37	QP	
4		6.5781	42.09	0.40	42.49	60.00	-17.51	QP	
5		13.4080	42.27	0.57	42.84	60.00	-17.16	QP	
6		19.9375	39.55	0.78	40.33	60.00	-19.67	QP	

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Operation Mode:	Config 2 Recording Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	L1



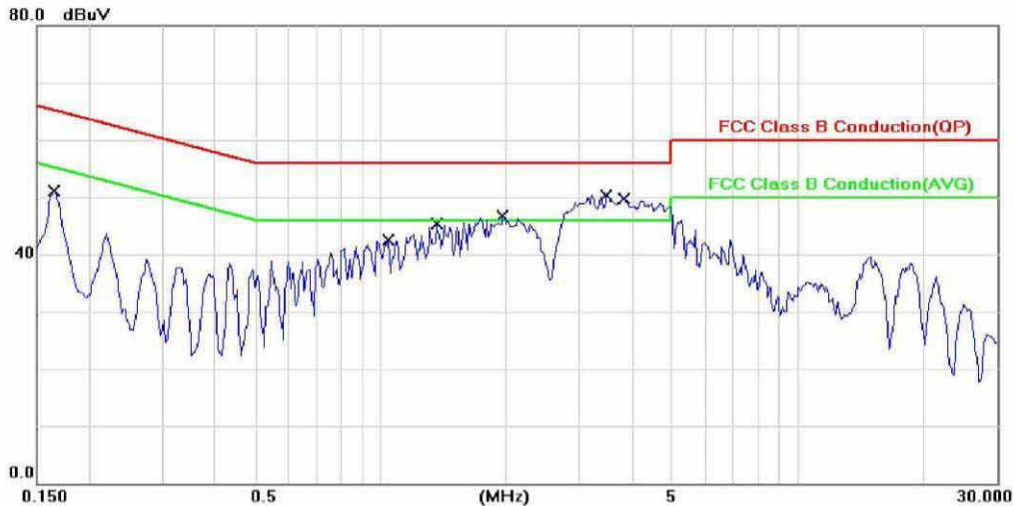
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1.7422	37.20	0.26	37.46	56.00	-18.54	QP	
2		1.7422	26.00	0.26	26.26	46.00	-19.74	AVG	
3		2.1406	35.80	0.27	36.07	56.00	-19.93	QP	
4		2.1406	25.40	0.27	25.67	46.00	-20.33	AVG	
5		3.0352	39.30	0.29	39.59	56.00	-16.41	QP	
6	*	3.0352	31.00	0.29	31.29	46.00	-14.71	AVG	
7		3.8360	37.80	0.31	38.11	56.00	-17.89	QP	
8		3.8360	29.60	0.31	29.91	46.00	-16.09	AVG	
9		4.5547	37.10	0.33	37.43	56.00	-18.57	QP	
10		4.5547	28.70	0.33	29.03	46.00	-16.97	AVG	
11		4.9413	35.80	0.34	36.14	56.00	-19.86	QP	
12		4.9413	27.60	0.34	27.94	46.00	-18.06	AVG	

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Operation Mode:	Config 2 Recording Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	N



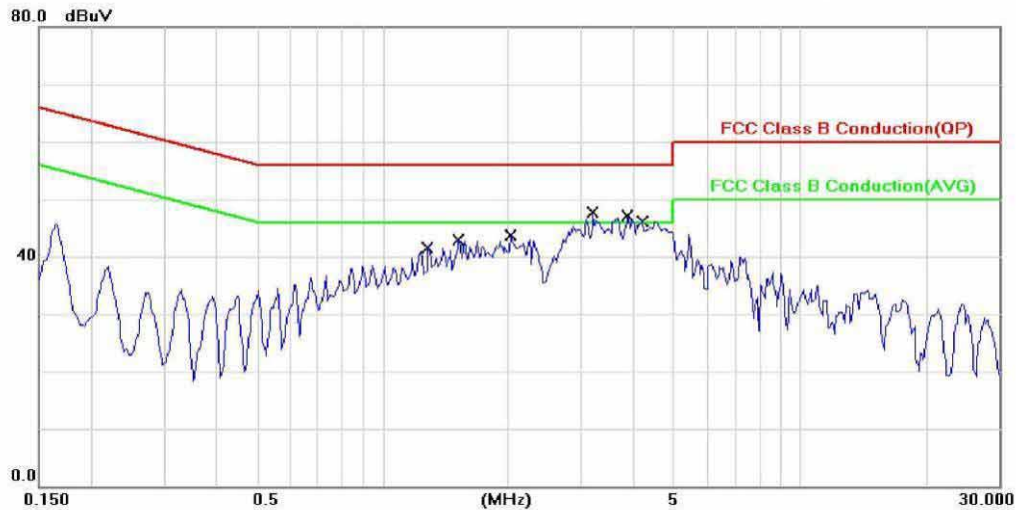
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1655	47.40	0.34	47.74	65.18	-17.44	QP	
2		0.1655	34.10	0.34	34.44	55.18	-20.74	AVG	
3		1.0430	39.10	0.33	39.43	56.00	-16.57	QP	
4		1.0430	26.10	0.33	26.43	46.00	-19.57	AVG	
5		1.3594	41.60	0.33	41.93	56.00	-14.07	QP	
6		1.3594	28.40	0.33	28.73	46.00	-17.27	AVG	
7		1.9688	40.60	0.35	40.95	56.00	-15.05	QP	
8		1.9688	30.20	0.35	30.55	46.00	-15.45	AVG	
9		3.4883	43.60	0.35	43.95	56.00	-12.05	QP	
10	*	3.4883	34.50	0.35	34.85	46.00	-11.15	AVG	
11		3.8603	43.30	0.36	43.66	56.00	-12.34	QP	
12		3.8603	33.70	0.36	34.06	46.00	-11.94	AVG	

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Operation Mode:	Config 2 Play Recording Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	L1



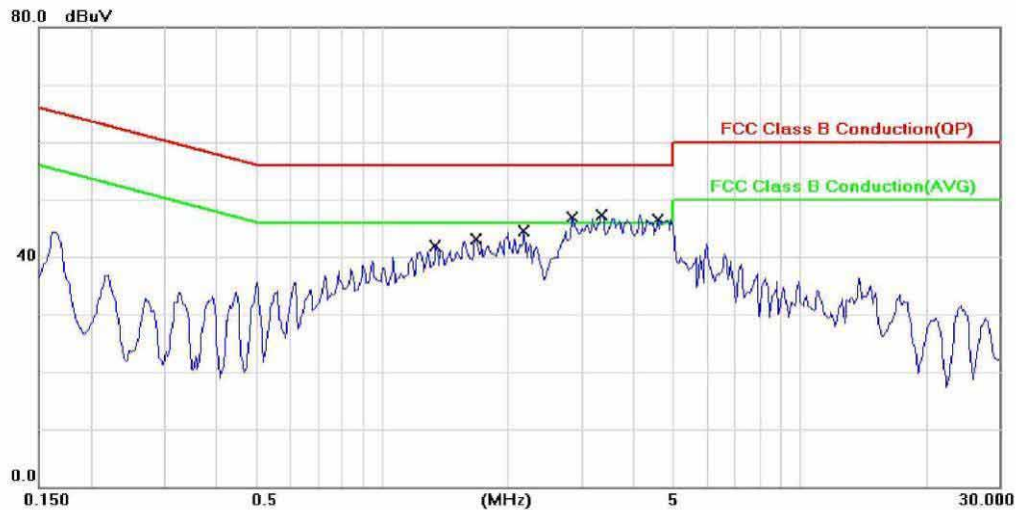
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1.2891	36.10	0.25	36.35	56.00	-19.65	QP	
2		1.2891	23.80	0.25	24.05	46.00	-21.95	AVG	
3		1.5273	33.30	0.26	33.56	56.00	-22.44	QP	
4		1.5273	22.50	0.26	22.76	46.00	-23.24	AVG	
5		2.0273	35.50	0.27	35.77	56.00	-20.23	QP	
6		2.0273	25.40	0.27	25.67	46.00	-20.33	AVG	
7		3.1953	39.50	0.29	39.79	56.00	-16.21	QP	
8	*	3.1953	31.30	0.29	31.59	46.00	-14.41	AVG	
9		3.8750	38.60	0.31	38.91	56.00	-17.09	QP	
10		3.8750	30.20	0.31	30.51	46.00	-15.49	AVG	
11		4.2031	38.00	0.31	38.31	56.00	-17.69	QP	
12		4.2031	29.60	0.31	29.91	46.00	-16.09	AVG	

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Operation Mode:	Config 2 Play Recording Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	N



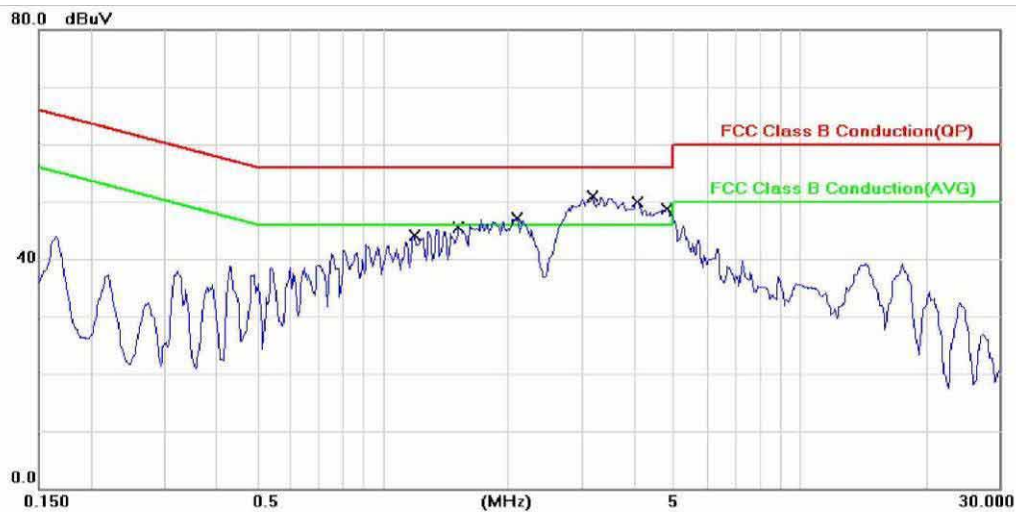
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1.3438	35.90	0.33	36.23	56.00	-19.77	QP	
2		1.3438	23.30	0.33	23.63	46.00	-22.37	AVG	
3		1.6770	37.00	0.35	37.35	56.00	-18.65	QP	
4		1.6770	25.70	0.35	26.05	46.00	-19.95	AVG	
5		2.1836	36.20	0.35	36.55	56.00	-19.45	QP	
6		2.1836	25.20	0.35	25.55	46.00	-20.45	AVG	
7		2.8477	38.70	0.35	39.05	56.00	-16.95	QP	
8		2.8477	30.20	0.35	30.55	46.00	-15.45	AVG	
9		3.3594	39.40	0.35	39.75	56.00	-16.25	QP	
10	*	3.3594	31.20	0.35	31.55	46.00	-14.45	AVG	
11		4.5586	36.70	0.38	37.08	56.00	-18.92	QP	
12		4.5586	28.50	0.38	28.88	46.00	-17.12	AVG	

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Operation Mode:	Config 2 MP3 Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	L1

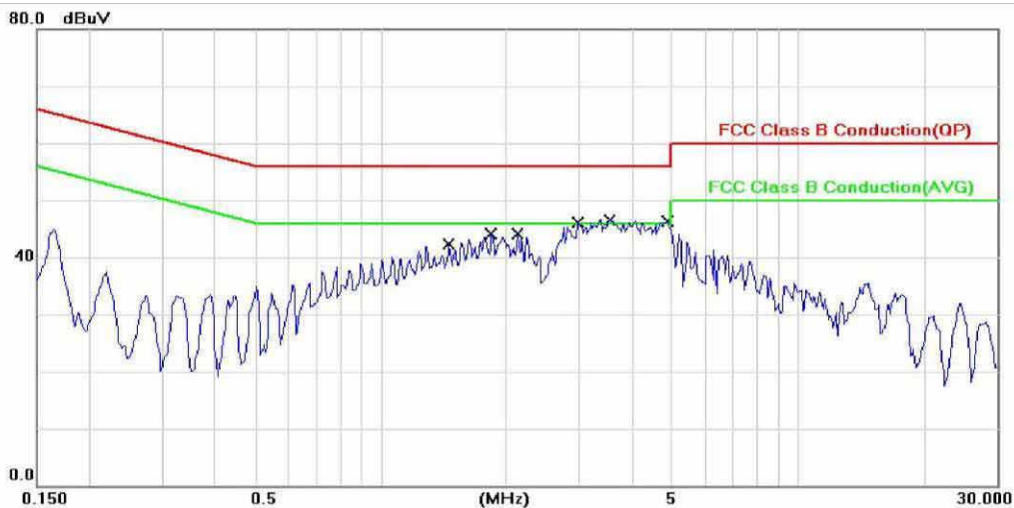


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1.1914	40.40	0.24	40.64	56.00	-15.36	QP	
2		1.1914	26.60	0.24	26.84	46.00	-19.16	AVG	
3		1.5273	39.10	0.26	39.36	56.00	-16.64	QP	
4		1.5273	27.20	0.26	27.46	46.00	-18.54	AVG	
5		2.1016	41.70	0.27	41.97	56.00	-14.03	QP	
6		2.1016	30.20	0.27	30.47	46.00	-15.53	AVG	
7		3.1836	44.30	0.29	44.59	56.00	-11.41	QP	
8	*	3.1836	34.80	0.29	35.09	46.00	-10.91	AVG	
9		4.0703	42.90	0.31	43.21	56.00	-12.79	QP	
10		4.0703	33.40	0.31	33.71	46.00	-12.29	AVG	
11		4.8125	42.00	0.33	42.33	56.00	-13.67	QP	
12		4.8125	31.80	0.33	32.13	46.00	-13.87	AVG	

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Operation Mode:	Config 2 MP3 Mode	Test Date:	Apr. 02, 2013
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1.4570	35.60	0.33	35.93	56.00	-20.07	QP	
2		1.4570	24.10	0.33	24.43	46.00	-21.57	AVG	
3		1.8477	36.20	0.35	36.55	56.00	-19.45	QP	
4		1.8477	25.20	0.35	25.55	46.00	-20.45	AVG	
5		2.1250	36.40	0.35	36.75	56.00	-19.25	QP	
6		2.1250	25.50	0.35	25.85	46.00	-20.15	AVG	
7		2.9766	39.80	0.35	40.15	56.00	-15.85	QP	
8	*	2.9766	31.50	0.35	31.85	46.00	-14.15	AVG	
9		3.5654	38.70	0.36	39.06	56.00	-16.94	QP	
10		3.5654	30.50	0.36	30.86	46.00	-15.14	AVG	
11		4.8867	36.00	0.38	36.38	56.00	-19.62	QP	
12		4.8867	27.70	0.38	28.08	46.00	-17.92	AVG	

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2.5 Test of Radiated Emission

2.5.1 Test Instruments

Below 1G & Above 1G

Description	Manufacturer	Model No.	Serial No.	Last Calibration Date	Next Calibration Date
Site NSA	Chamost	966II Chamber	N/A	Dec. 30, 2012	Dec. 29, 2013
Site VSWR	Chamost	966II Chamber	N/A	Dec. 30, 2012	Dec. 29, 2013
EMI Test Receiver	ROHDE&SCHWARZ	ESCI 7	100760	May 25, 2012	May 24, 2013
Spectrum Analyzer	ROHDE&SCHWARZ	FSP 40	100034	May 24, 2012	May 23, 2013
RF-Amplifier (0.1-1300MHz)	HP	8447D	1937A02774	Nov. 26, 2012	Nov. 25, 2013
RF-Amplifier (1-26.5GHz)	HP	8449B	3008A00578	Nov. 26, 2012	Nov. 25, 2013
RF-Amplifier (26-40GHz)	EM Electronics Corp.	EM26400	N/A	Jan. 29, 2013	Jan. 28, 2014
Coaxial Cables (For 9kHz~3GHz)	HUBER SUHNER	SUCCOFLEX 104PEA	N/A	Nov. 26, 2012	Nov. 25, 2013
Coaxial Cables (For 9kHz~26.5GHz)	HUBER SUHNER	SUCCOFLEX 104PEA	N/A	Nov. 26, 2012	Nov. 25, 2013
Re Cables (966II) (For 1~40GHz)	HUBER SUHNER	SUCCOFLEX 102	22962/2	Nov. 26, 2012	Nov. 25, 2013
Re Cables (966II) (For 1~40GHz)	HUBER SUHNER	SUCCOFLEX 102	23051/2	Nov. 26, 2012	Nov. 25, 2013
Antenna Master	MF.	N/A	N/A	N/A	N/A
Turn Table	MF.	N/A	N/A	N/A	N/A
Controller	MF.	3000	MF780208153	N/A	N/A
Broadband Antenna	SCHWAZBECK	VULB9168	VULB9168-298	Nov. 01, 2012	Oct. 31, 2013
Horn Antenna (For 1~18G)	ETS-Lindgren	3117	00135200	Oct. 05, 2012	Oct. 04, 2013
Horn Antenna (For 18~40G)	SCHWAZBECK	BBHA 9170	BBHA9170184	Jan. 28, 2013	Jan. 27, 2014
Software	Farad	EZ-EMC-VER 2A1.1(USB)	N/A	N/A	N/A

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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 27, 2013	May 26, 2014
Spectrum Analyzer	R&S	FSV 40	101058	Jan. 28, 2013	Jan. 27, 2014
Broadband Antenna	SCHWAZBECK	VULB9168	VULB9168-298	Nov. 01, 2012	Oct. 31, 2013
Horn Antenna	ETS-Lindgren	3117	00135200	Oct. 05, 2012	Oct. 04, 2013
Horn Antenna	SCHWAZBECK	BBHA 9170	BBHA9170184	Jan. 28, 2013	Jan. 27, 2014
Pre-Amplifier	HP	8447D	1937A02774	Nov. 26, 2012	Nov. 25, 2013
Pre-Amplifier	HP	8449B	3008A00578	Nov. 26, 2012	Nov. 25, 2013
Pre-Amplifier	EM Electronics Corp.	EM26400	N/A	Jan. 29, 2013	Jan. 28, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	N/A	Nov. 26, 2012	Nov. 25, 2013
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	N/A	Nov. 26, 2012	Nov. 25, 2013
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	22962/2	Nov. 26, 2012	Nov. 25, 2013
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	23051/2	Nov. 26, 2012	Nov. 25, 2013
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 NSA	Chamost	966II Chamber	N/A	Dec. 30, 2012	Dec. 29, 2013
Site VSWR	Chamost	966II Chamber	N/A	Dec. 30, 2012	Dec. 29, 2013
Test Software	Farad	EZ-EMC	Ver. SGS-03A1	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

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2.5.3 Operating Environment

Temperature : 27 degree C Humidity : 61 %RH

Atmospheric Pressure : 996 mBar

2.5.3.1 Uncertainty of Radiated Emission

The SGS U_{lab} is 3.76dB.(For 30-1000MHz)

The SGS U_{lab} is 6.30dB.(For 1-18GHz)

The SGS U_{lab} is 6.54dB.(For 18-40GHz)

This U_{lab} uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.5.3.2 Measurement level and Factor calculate method

Correct Factor = Antenna Factor + Cable loss- Amplifier Gain

Measurement Level = Reading Level + Correct Factor

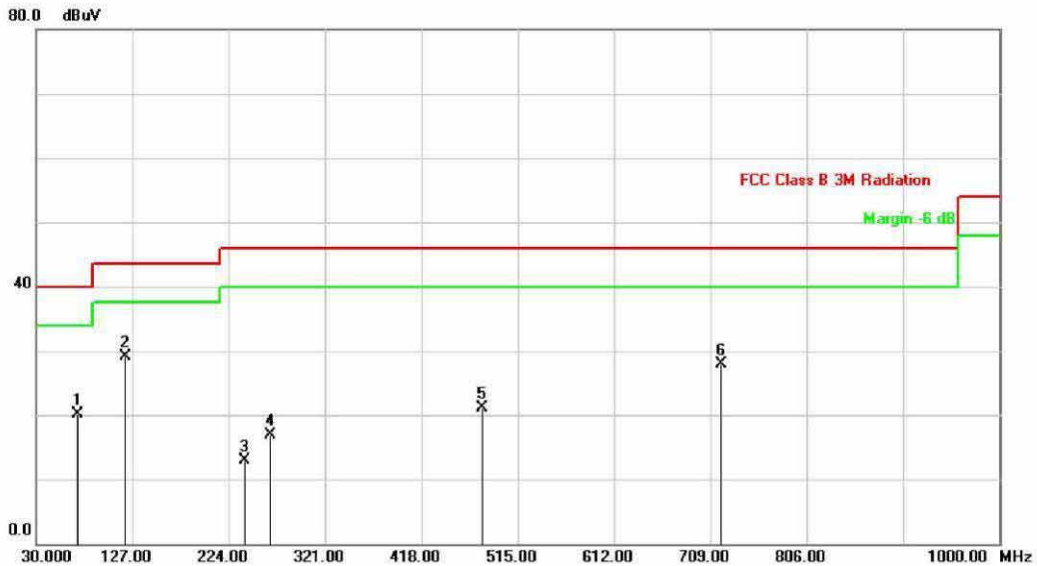
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**2.5.4 Measurement Data
Below 1G**

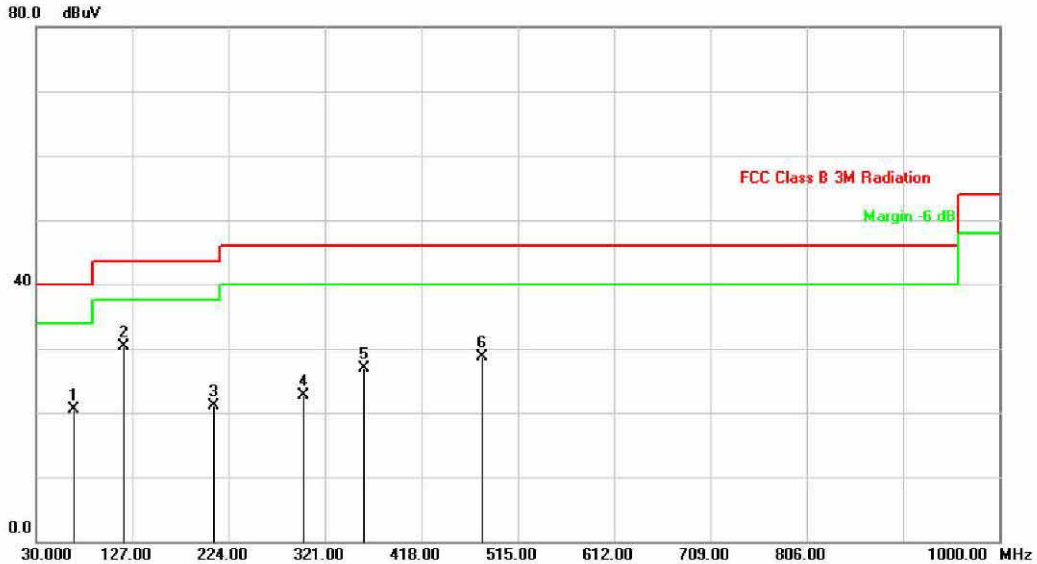
Operation Mode	Config 1 Data Link	Test Date	Jun. 24, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		72.1900	35.20	-15.13	20.07	40.00	-19.93	QP	
2	*	119.9820	43.80	-14.68	29.12	43.50	-14.38	QP	
3		239.9200	26.60	-13.72	12.88	46.00	-33.12	QP	
4		265.6200	29.70	-12.85	16.85	46.00	-29.15	QP	
5		480.0400	27.90	-6.88	21.02	46.00	-24.98	QP	
6		720.0000	30.30	-2.46	27.84	46.00	-18.16	QP	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		67.7300	35.10	-14.53	20.57	40.00	-19.43	QP	
2	*	118.0750	45.20	-14.88	30.32	43.50	-13.18	QP	
3		209.0620	36.30	-15.12	21.18	43.50	-22.32	QP	
4		300.0200	34.20	-11.51	22.69	46.00	-23.31	QP	
5		359.9900	37.00	-10.06	26.94	46.00	-19.06	QP	
6		480.0230	35.60	-6.88	28.72	46.00	-17.28	QP	

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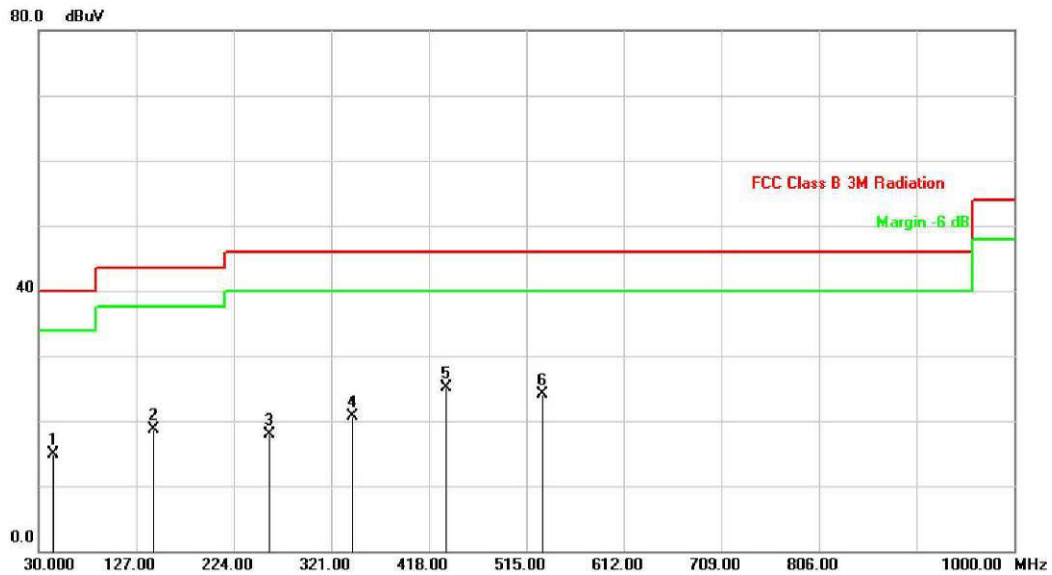
Operation Mode	Config 2 Recording Mode	Test Date	Jun. 24, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	31.9600	41.00	-13.57	27.43	40.00	-12.57	QP	
2		44.9200	38.60	-12.63	25.97	40.00	-14.03	QP	
3		191.9920	31.90	-15.10	16.80	43.50	-26.70	QP	
4		262.4100	31.20	-13.01	18.19	46.00	-27.81	QP	
5		307.1900	29.30	-11.34	17.96	46.00	-28.04	QP	
6		531.2100	27.80	-6.09	21.71	46.00	-24.29	QP	

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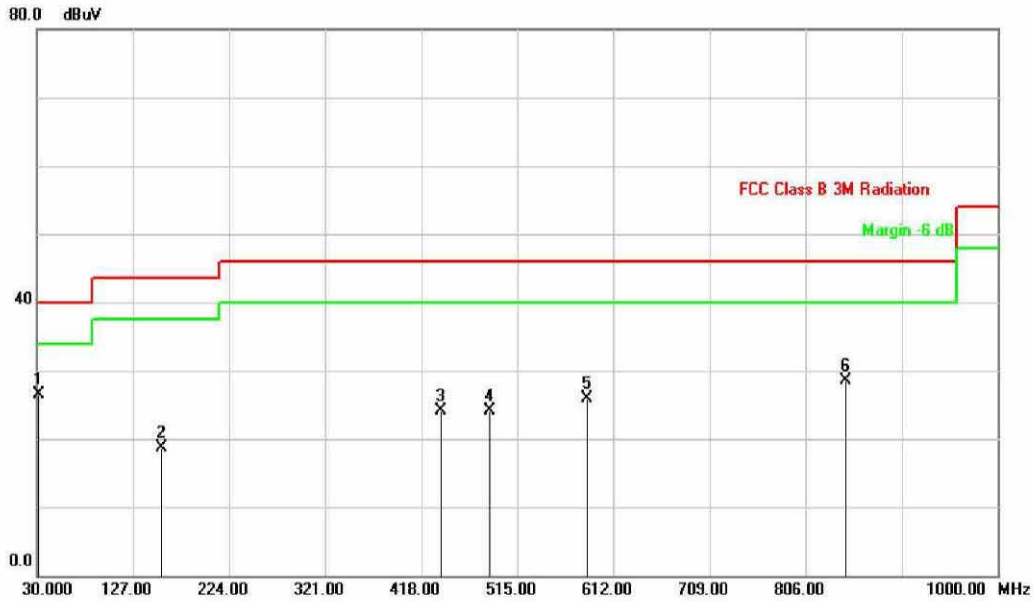


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		44.9100	27.60	-12.63	14.97	40.00	-25.03	QP	
2		144.0100	31.50	-12.86	18.64	43.50	-24.86	QP	
3		259.2000	31.00	-13.17	17.83	46.00	-28.17	QP	
4		342.3790	31.20	-10.54	20.66	46.00	-25.34	QP	
5	*	435.1880	32.90	-7.84	25.06	46.00	-20.94	QP	
6		531.1940	30.20	-6.09	24.11	46.00	-21.89	QP	

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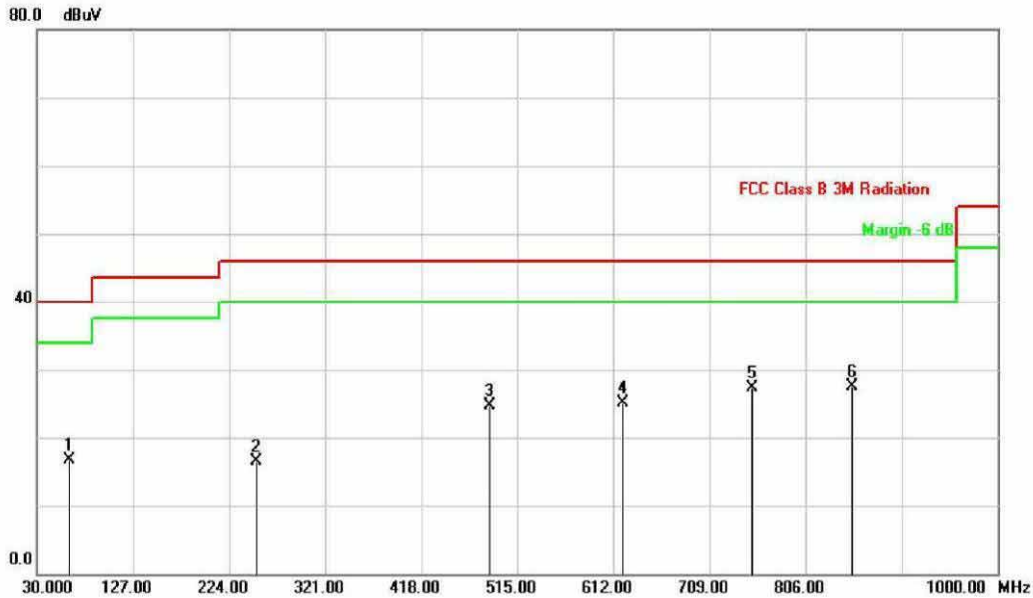
Operation Mode	Config 2 Play Recording Mode	Test Date	Apr. 24, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	31.5700	40.10	-13.57	26.53	40.00	-13.47	QP	
2		156.3600	31.60	-12.81	18.79	43.50	-24.71	QP	
3		437.5200	32.50	-8.33	24.17	46.00	-21.83	QP	
4		487.7500	31.40	-7.26	24.14	46.00	-21.86	QP	
5		584.9600	31.30	-5.31	25.99	46.00	-20.01	QP	
6		846.5800	30.20	-1.73	28.47	46.00	-17.53	QP	

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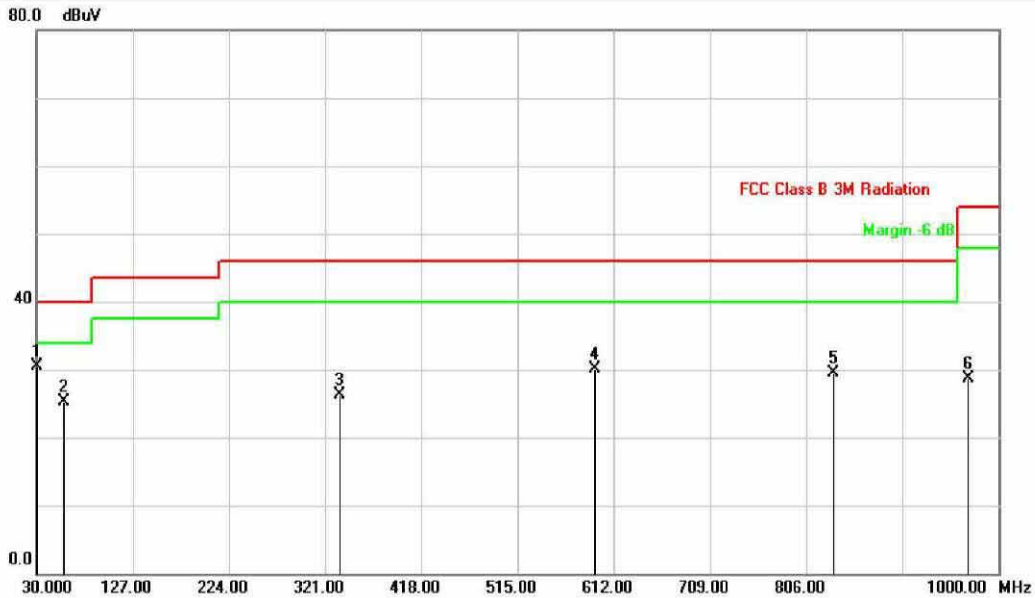


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		62.6300	30.70	-13.90	16.80	40.00	-23.20	QP	
2		251.2600	30.20	-13.69	16.51	46.00	-29.49	QP	
3		487.7500	31.90	-7.26	24.64	46.00	-21.36	QP	
4		621.5400	29.60	-4.55	25.05	46.00	-20.95	QP	
5		751.8300	29.90	-2.55	27.35	46.00	-18.65	QP	
6	*	852.7200	29.30	-1.71	27.59	46.00	-18.41	QP	

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Operation Mode	Config 2 MP3 Mode	Test Date	Apr. 24, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

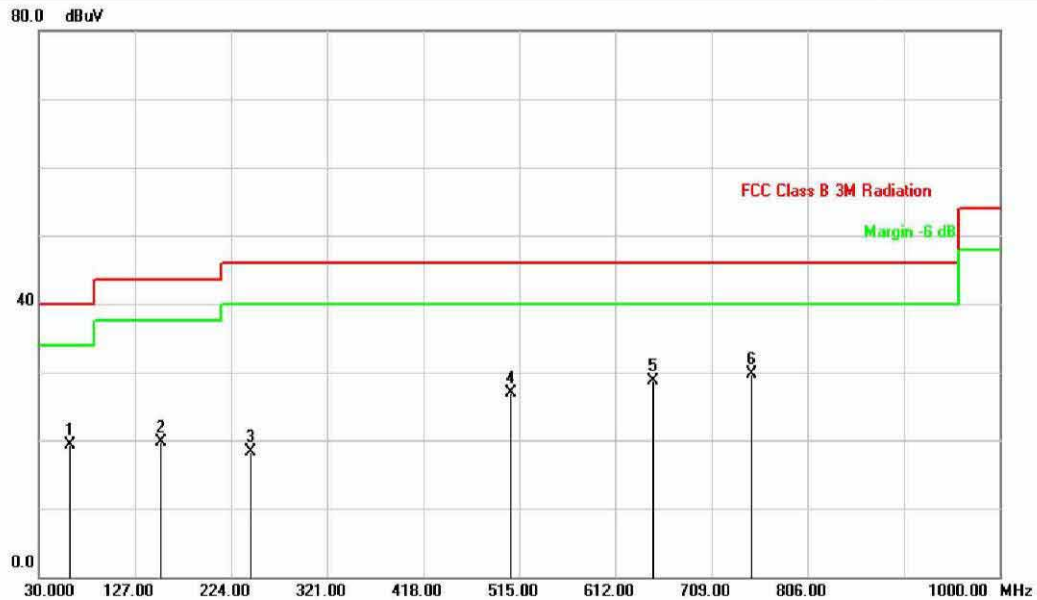


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	31.2000	44.11	-13.58	30.53	40.00	-9.47	QP	
2		58.1000	38.75	-13.36	25.39	40.00	-14.61	QP	
3		335.7800	37.39	-11.06	26.33	46.00	-19.67	QP	
4		593.2400	35.12	-5.09	30.03	46.00	-15.97	QP	
5		834.3600	31.26	-1.79	29.47	46.00	-16.53	QP	
6		969.2600	29.17	-0.43	28.74	54.00	-25.26	QP	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		62.1400	33.14	-13.83	19.31	40.00	-20.69	QP	
2		153.4200	32.58	-12.85	19.73	43.50	-23.77	QP	
3		244.1400	32.14	-13.88	18.26	46.00	-27.74	QP	
4		506.3400	33.90	-6.92	26.98	46.00	-19.02	QP	
5		649.7600	32.73	-4.06	28.67	46.00	-17.33	QP	
6	*	750.1800	32.21	-2.58	29.63	46.00	-16.37	QP	

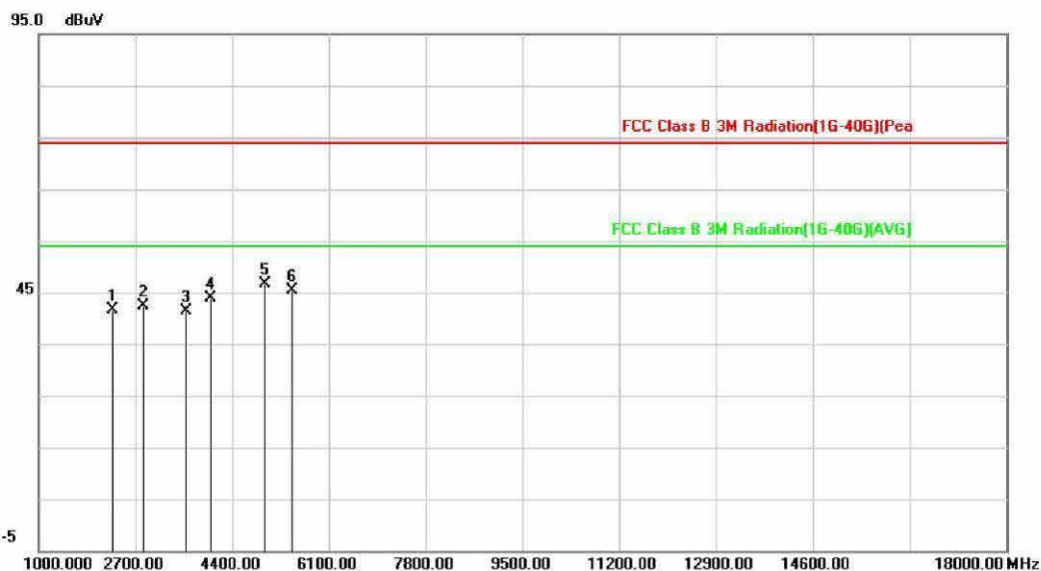
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Above 1G – 1~18G

Operation Mode	Config 1 Data Link Mode	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

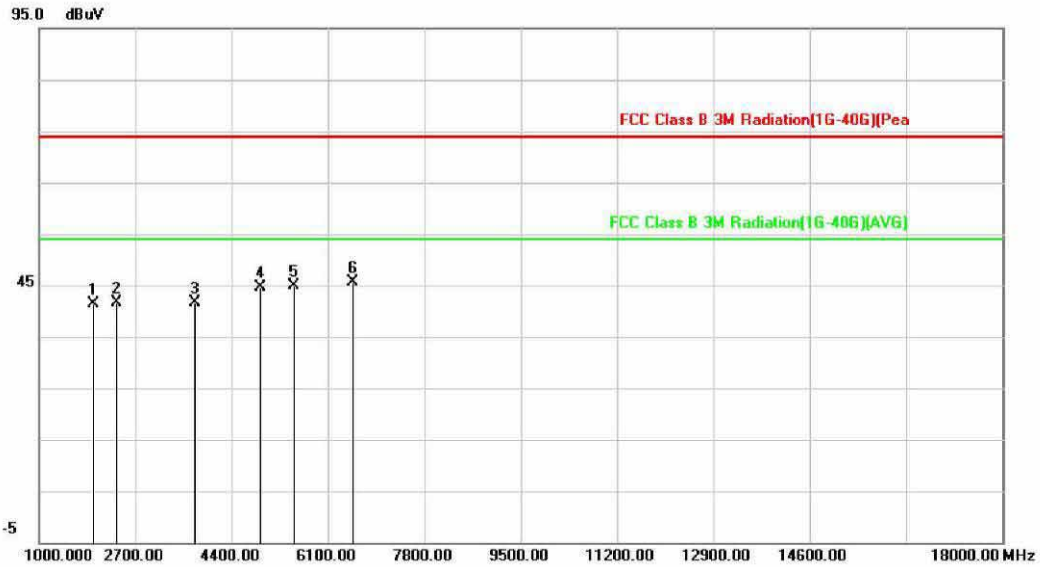


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2292.000	41.57	-0.04	41.53	74.00	-32.47	peak	
2		2836.000	41.07	1.33	42.40	74.00	-31.60	peak	
3		3584.000	38.67	2.76	41.43	74.00	-32.57	peak	
4		4026.000	39.49	4.32	43.81	74.00	-30.19	peak	
5	*	4978.000	38.65	8.09	46.74	74.00	-27.26	peak	
6		5454.000	38.30	6.96	45.26	74.00	-28.74	peak	

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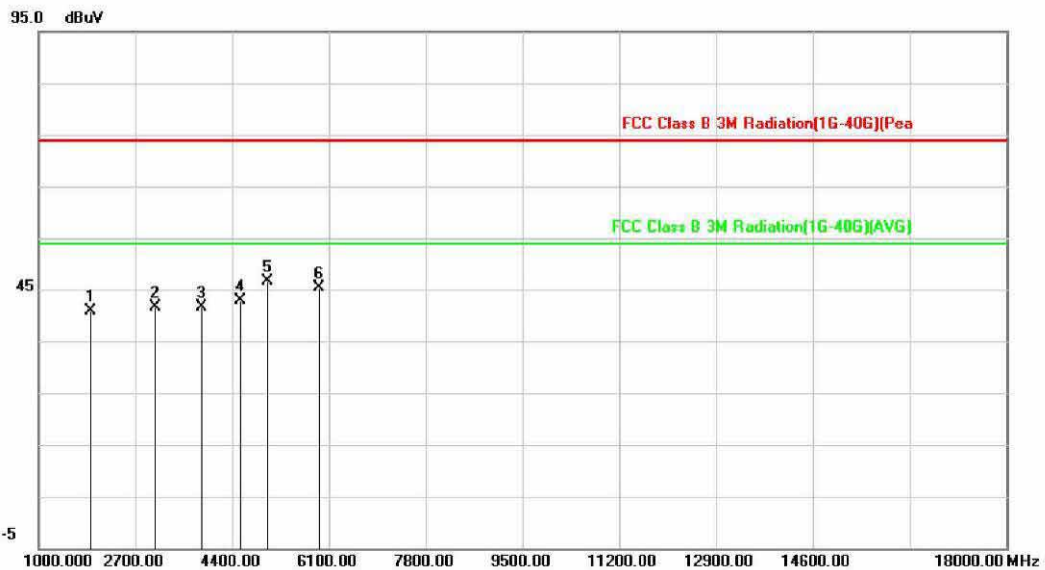


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1952.000	42.32	-1.06	41.26	74.00	-32.74	peak	
2		2360.000	41.54	0.09	41.63	74.00	-32.37	peak	
3		3754.000	38.30	3.37	41.67	74.00	-32.33	peak	
4		4910.000	37.06	7.67	44.73	74.00	-29.27	peak	
5		5488.000	37.94	6.87	44.81	74.00	-29.19	peak	
6	*	6542.000	36.80	8.76	45.56	74.00	-28.44	peak	

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Operation Mode	Config 2 Recording Mode	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

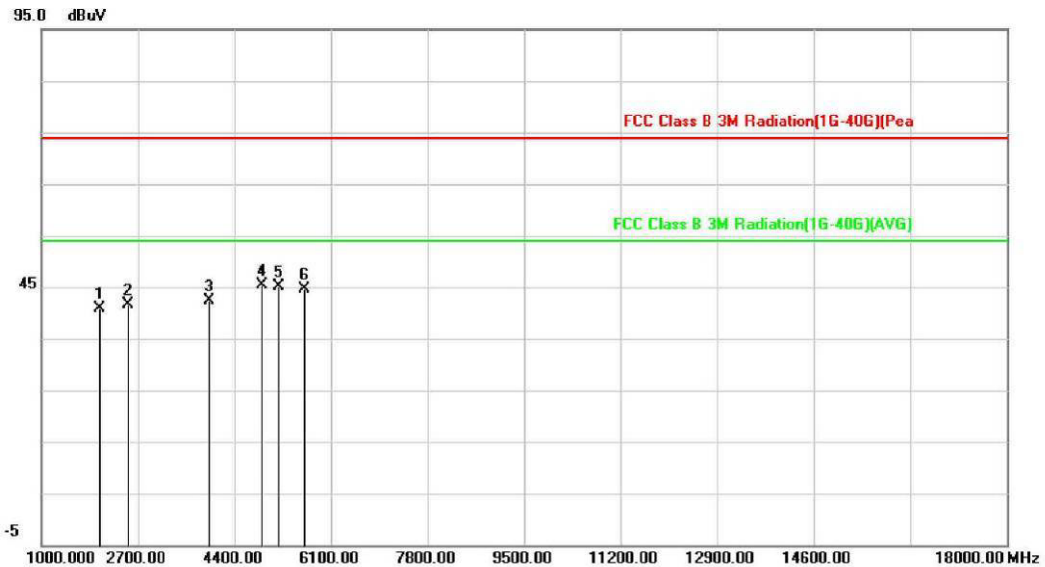


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1918.000	42.29	-1.36	40.93	74.00	-33.07	peak	
2		3040.000	39.90	1.84	41.74	74.00	-32.26	peak	
3		3856.000	37.87	3.74	41.61	74.00	-32.39	peak	
4		4536.000	37.51	5.39	42.90	74.00	-31.10	peak	
5	*	5012.000	38.57	8.18	46.75	74.00	-27.25	peak	
6		5930.000	37.91	7.40	45.31	74.00	-28.69	peak	

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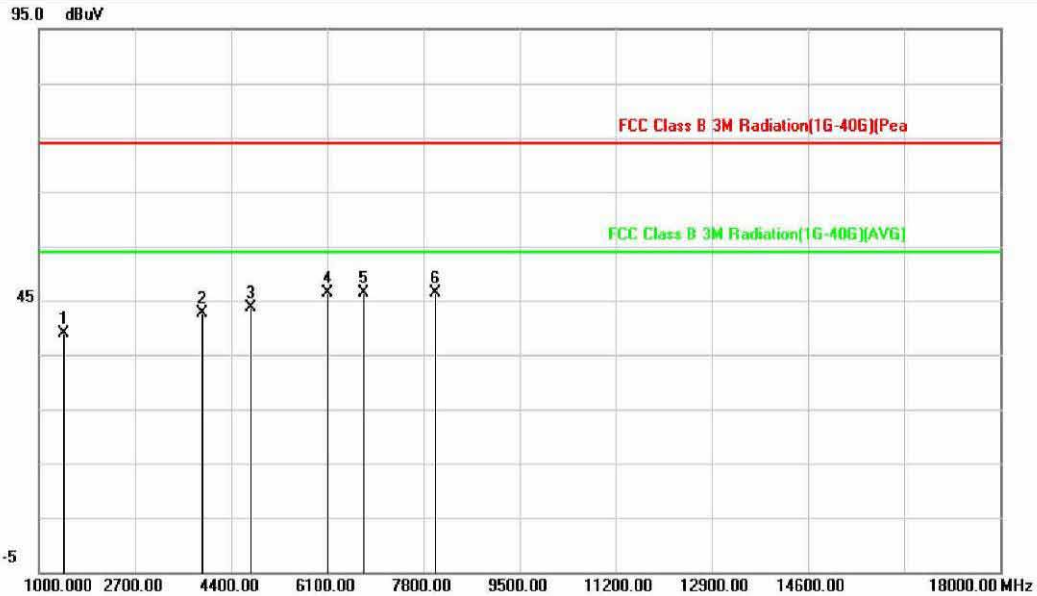


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2020.000	41.57	-0.57	41.00	74.00	-33.00	peak	
2		2530.000	41.20	0.47	41.67	74.00	-32.33	peak	
3		3958.000	38.14	4.13	42.27	74.00	-31.73	peak	
4	*	4876.000	37.93	7.46	45.39	74.00	-28.61	peak	
5		5182.000	37.53	7.71	45.24	74.00	-28.76	peak	
6		5624.000	37.74	6.99	44.73	74.00	-29.27	peak	

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Operation Mode	Config 2 Play Recording Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

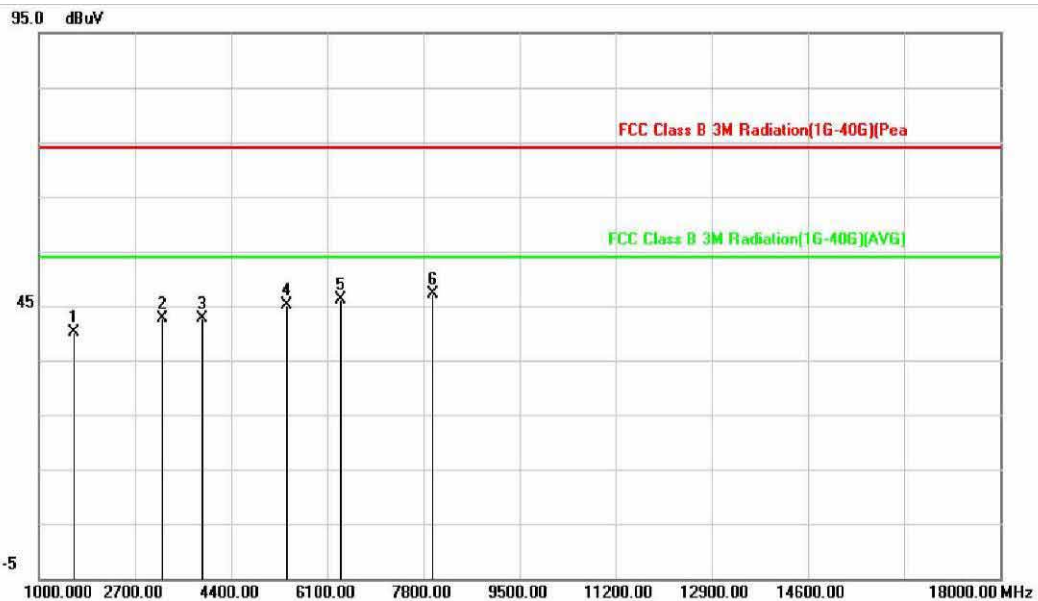


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1442.000	44.38	-5.52	38.86	74.00	-35.14	peak	
2		3890.000	38.80	3.87	42.67	74.00	-31.33	peak	
3		4740.000	36.90	6.63	43.53	74.00	-30.47	peak	
4	*	6100.000	38.74	7.74	46.48	74.00	-27.52	peak	
5		6746.000	37.62	8.77	46.39	74.00	-27.61	peak	
6		8004.000	36.97	9.44	46.41	74.00	-27.59	peak	

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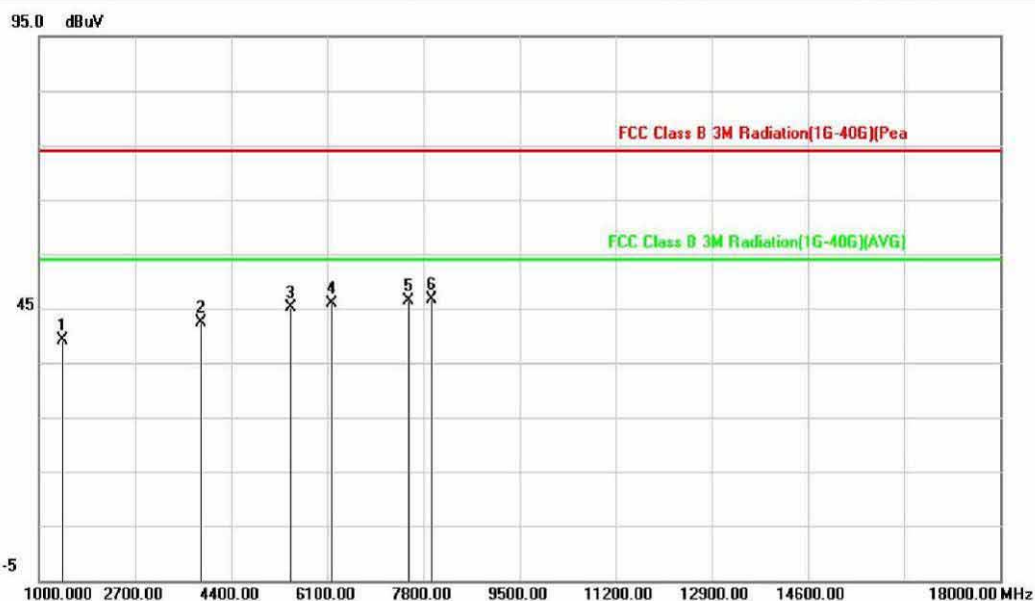
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1612.000	44.35	-4.21	40.14	74.00	-33.86	peak	
2		3176.000	40.61	2.03	42.64	74.00	-31.36	peak	
3		3890.000	38.78	3.87	42.65	74.00	-31.35	peak	
4		5386.000	38.01	7.15	45.16	74.00	-28.84	peak	
5		6338.000	37.89	8.35	46.24	74.00	-27.76	peak	
6	*	7970.000	37.59	9.42	47.01	74.00	-26.99	peak	

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Operation Mode	Config 2 MP3 Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

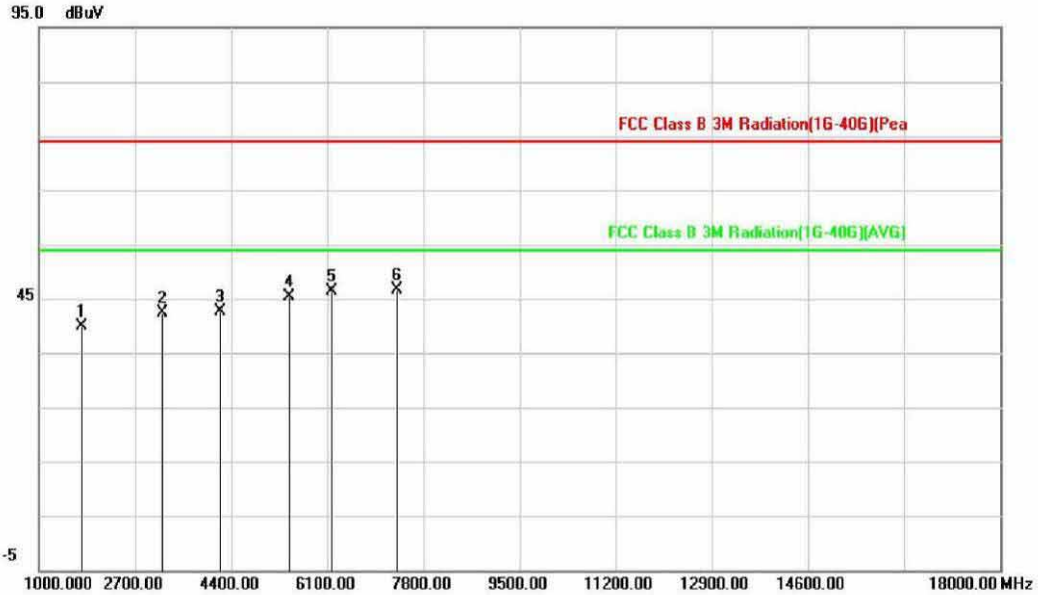


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1408.000	44.91	-5.68	39.23	74.00	-34.77	peak	
2		3856.000	38.67	3.74	42.41	74.00	-31.59	peak	
3		5454.000	38.19	6.96	45.15	74.00	-28.85	peak	
4		6168.000	37.93	7.91	45.84	74.00	-28.16	peak	
5		7528.000	37.21	9.15	46.36	74.00	-27.64	peak	
6	*	7936.000	37.34	9.40	46.74	74.00	-27.26	peak	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		1748.000	42.80	-2.94	39.86	74.00	-34.14	peak	
2		3176.000	40.31	2.03	42.34	74.00	-31.66	peak	
3		4196.000	38.05	4.63	42.68	74.00	-31.32	peak	
4		5420.000	38.45	7.05	45.50	74.00	-28.50	peak	
5		6168.000	38.49	7.91	46.40	74.00	-27.60	peak	
6	*	7324.000	37.55	9.02	46.57	74.00	-27.43	peak	

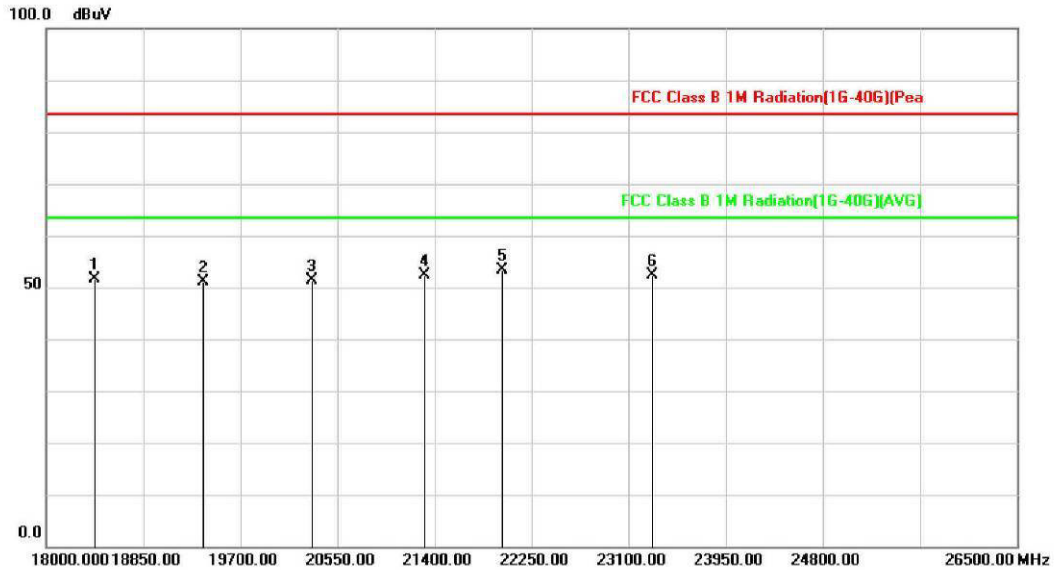
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18~26.5G

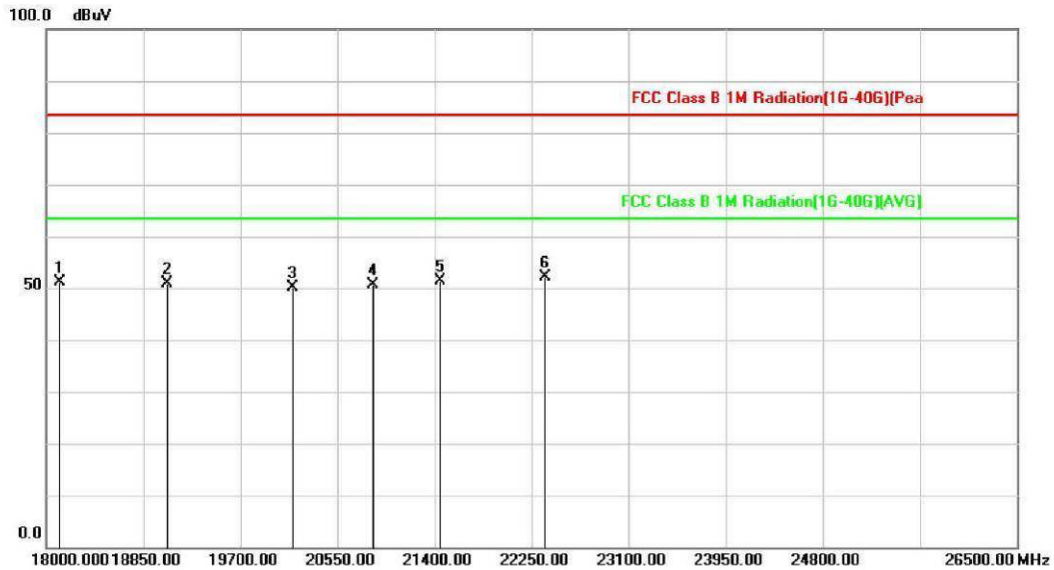
Operation Mode	Config 1 Data Link	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18425.00	64.12	-12.55	51.57	83.50	-31.93	peak	
2		19377.00	62.57	-11.38	51.19	83.50	-32.31	peak	
3		20329.00	63.89	-12.43	51.46	83.50	-32.04	peak	
4		21315.00	63.95	-11.54	52.41	83.50	-31.09	peak	
5	*	21995.00	64.62	-11.23	53.39	83.50	-30.11	peak	
6		23304.00	63.03	-10.58	52.45	83.50	-31.05	peak	

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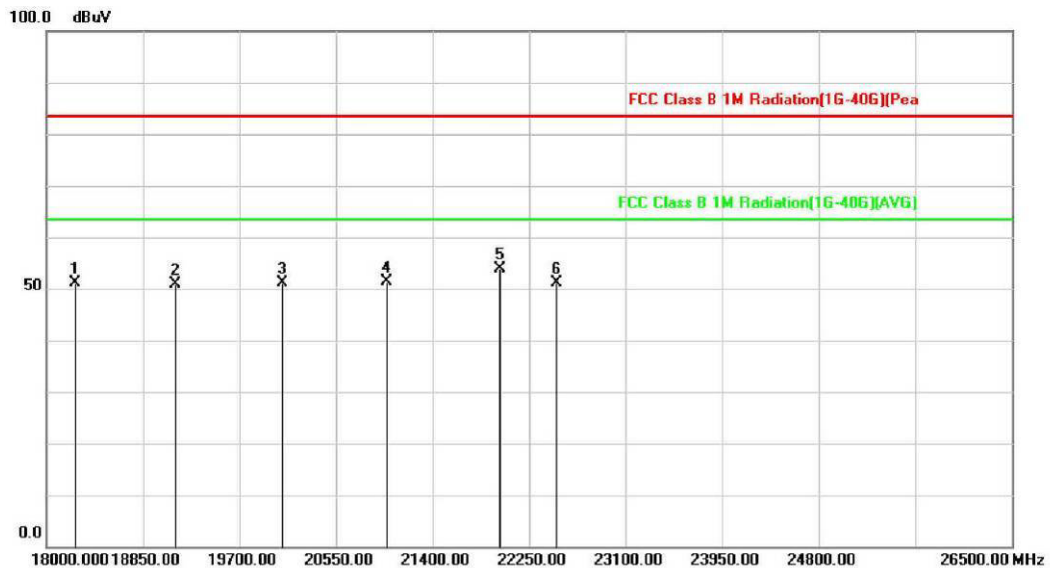
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18119.00	64.10	-13.01	51.09	83.50	-32.41	peak	
2		19054.00	62.58	-11.72	50.86	83.50	-32.64	peak	
3		20159.00	62.76	-12.73	50.03	83.50	-33.47	peak	
4		20856.00	62.53	-11.84	50.69	83.50	-32.81	peak	
5		21451.00	62.95	-11.47	51.48	83.50	-32.02	peak	
6	*	22369.00	63.45	-11.30	52.15	83.50	-31.35	peak	

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Operation Mode	Config 2 Recording Mode	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

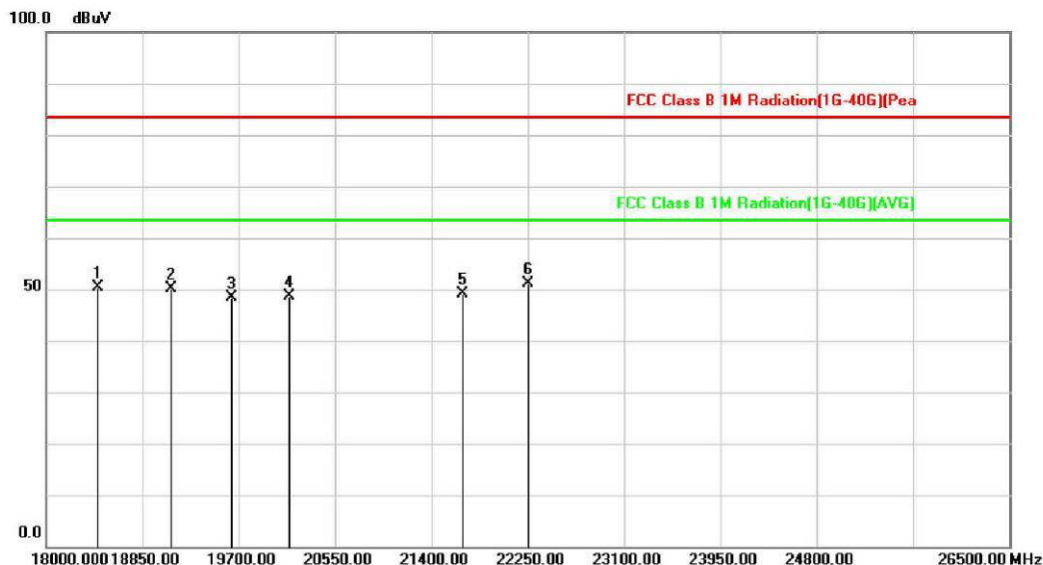


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18255.00	63.95	-12.81	51.14	83.50	-32.36	peak	
2		19139.00	62.43	-11.63	50.80	83.50	-32.70	peak	
3		20074.00	64.02	-12.88	51.14	83.50	-32.36	peak	
4		20992.00	63.17	-11.72	51.45	83.50	-32.05	peak	
5	*	21995.00	65.12	-11.23	53.89	83.50	-29.61	peak	
6		22488.00	62.57	-11.33	51.24	83.50	-32.26	peak	

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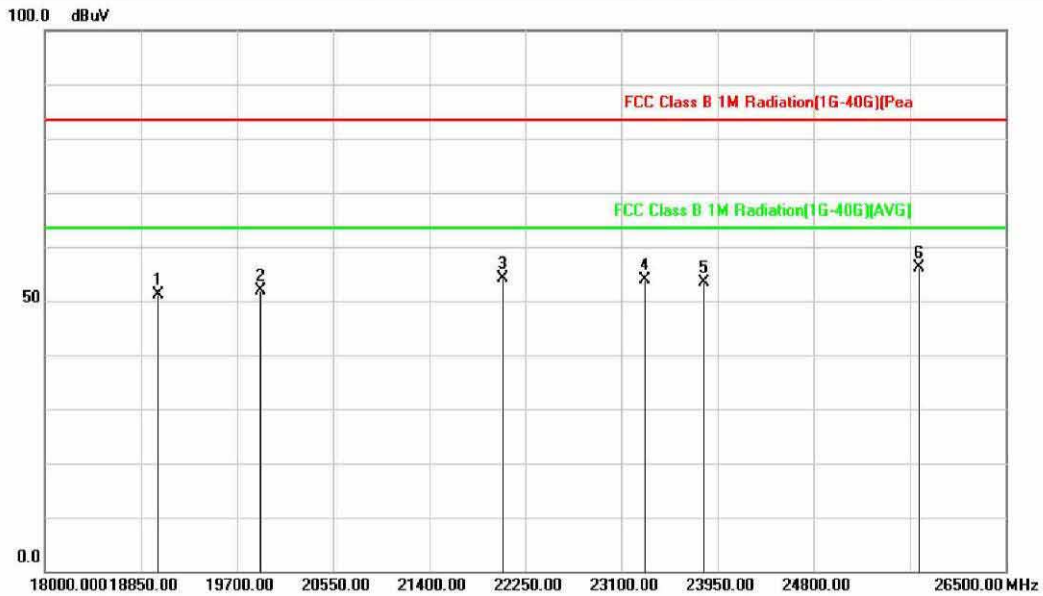
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18459.00	62.92	-12.50	50.42	83.50	-33.08	peak	
2		19105.00	61.89	-11.67	50.22	83.50	-33.28	peak	
3		19632.00	60.01	-11.71	48.30	83.50	-35.20	peak	
4		20142.00	61.41	-12.76	48.65	83.50	-34.85	peak	
5		21672.00	60.55	-11.37	49.18	83.50	-34.32	peak	
6	*	22250.00	62.45	-11.28	51.17	83.50	-32.33	peak	

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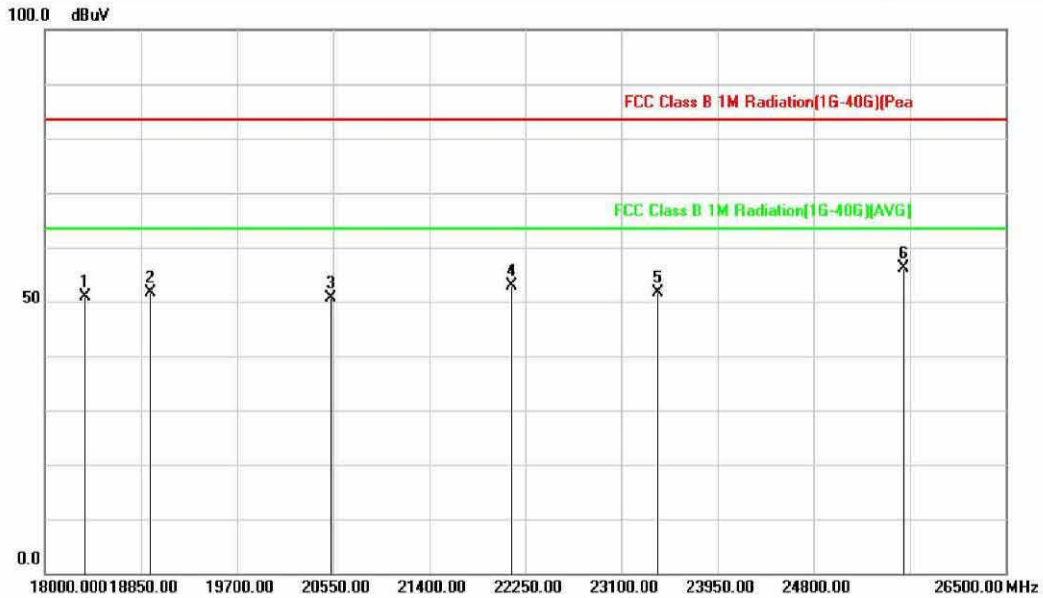
Operation Mode	Config 2 Play Recording Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		19003.00	62.95	-11.78	51.17	83.50	-32.33	peak	
2		19904.00	64.66	-12.67	51.99	83.50	-31.51	peak	
3		22046.00	65.30	-11.24	54.06	83.50	-29.44	peak	
4		23304.00	64.53	-10.58	53.95	83.50	-29.55	peak	
5		23831.00	64.22	-10.94	53.28	83.50	-30.22	peak	
6	*	25735.00	64.08	-8.03	56.05	83.50	-27.45	peak	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18357.00	63.56	-12.65	50.91	83.50	-32.59	peak	
2		18935.00	63.60	-11.87	51.73	83.50	-31.77	peak	
3		20533.00	62.66	-12.10	50.56	83.50	-32.94	peak	
4		22131.00	64.24	-11.26	52.98	83.50	-30.52	peak	
5		23423.00	62.16	-10.48	51.68	83.50	-31.82	peak	
6	*	25599.00	63.81	-7.66	56.15	83.50	-27.35	peak	

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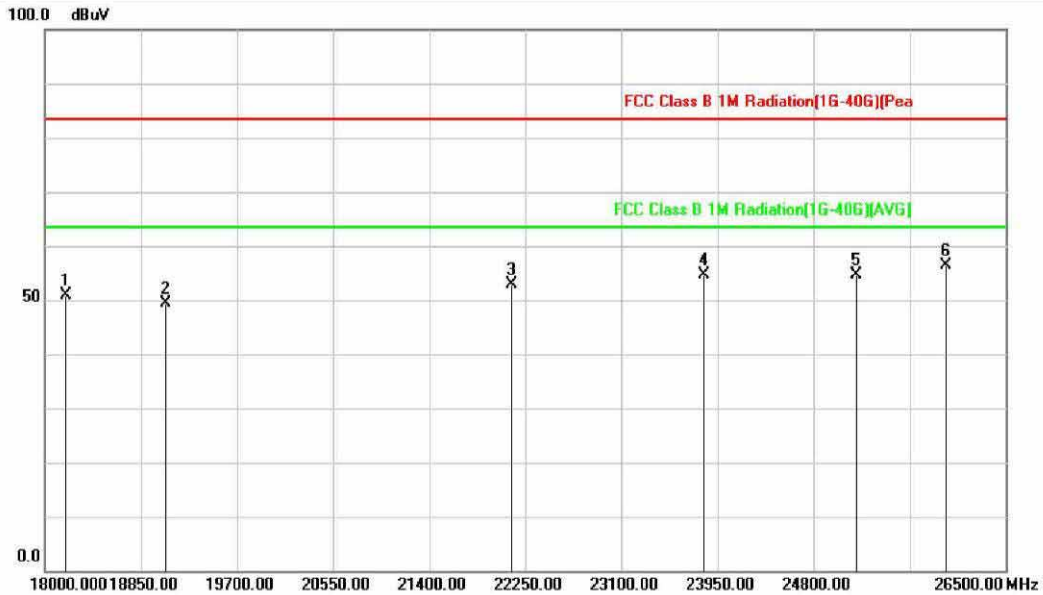
Operation Mode	Config 2 MP3 Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18374.00	62.71	-12.63	50.08	83.50	-33.42	peak	
2		19377.00	62.57	-11.38	51.19	83.50	-32.31	peak	
3		20074.00	64.52	-12.88	51.64	83.50	-31.86	peak	
4		21196.00	62.74	-11.61	51.13	83.50	-32.37	peak	
5		23304.00	63.53	-10.58	52.95	83.50	-30.55	peak	
6	*	26007.00	64.04	-8.75	55.29	83.50	-28.21	peak	

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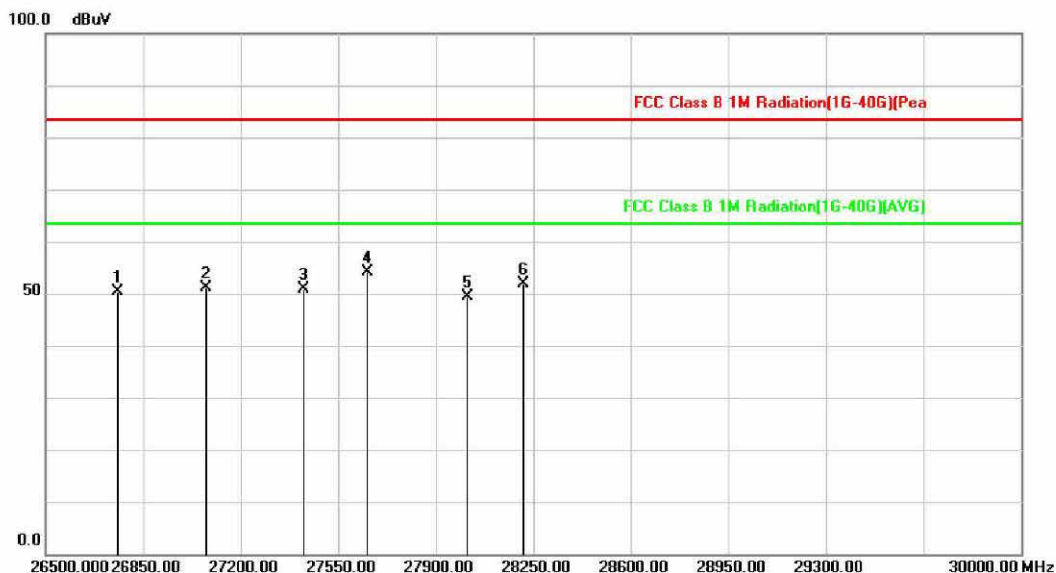
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		18187.00	63.88	-12.91	50.97	83.50	-32.53	peak	
2		19071.00	60.99	-11.70	49.29	83.50	-34.21	peak	
3		22131.00	64.24	-11.26	52.98	83.50	-30.52	peak	
4		23831.00	65.67	-10.94	54.73	83.50	-28.77	peak	
5		25174.00	63.48	-8.78	54.70	83.50	-28.80	peak	
6	*	25973.00	64.93	-8.66	56.27	83.50	-27.23	peak	

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26.5~30G

Operation Mode	Config 1 Data Link Mode	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

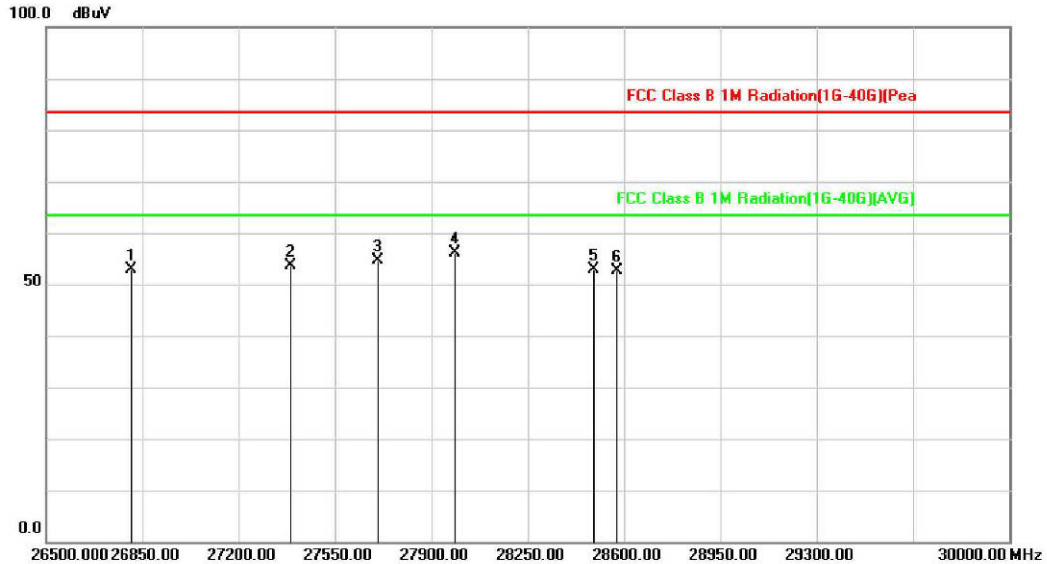


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26759.00	60.34	-9.85	50.49	83.50	-33.01	peak	
2		27074.00	61.42	-10.23	51.19	83.50	-32.31	peak	
3		27424.00	61.64	-10.74	50.90	83.50	-32.60	peak	
4	*	27655.00	65.06	-11.00	54.06	83.50	-29.44	peak	
5		28012.00	60.65	-11.26	49.39	83.50	-34.11	peak	
6		28215.00	62.69	-10.87	51.82	83.50	-31.68	peak	

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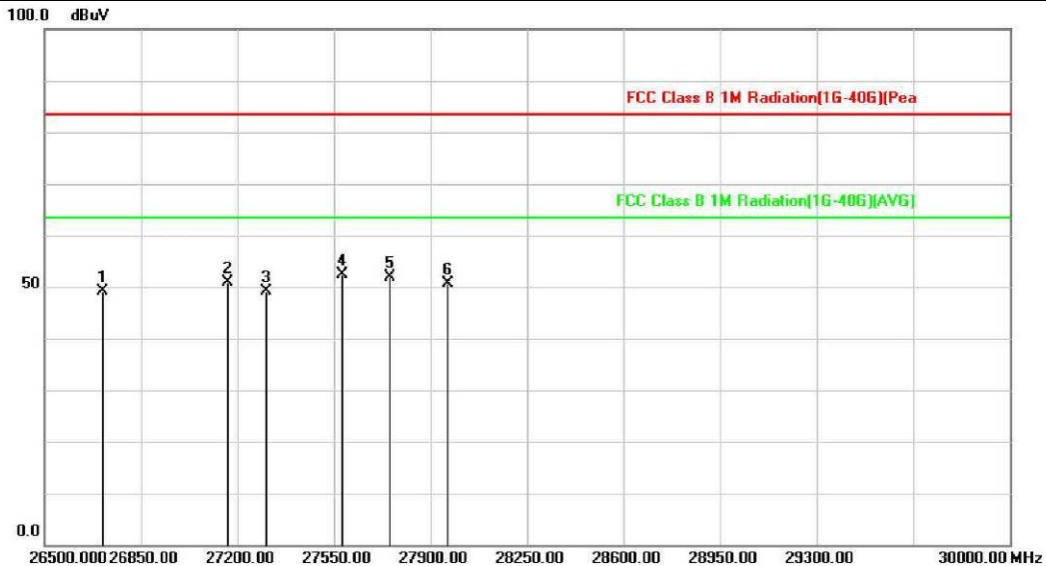
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26808.00	62.91	-9.91	53.00	83.50	-30.50	peak	
2		27389.00	64.39	-10.70	53.69	83.50	-29.81	peak	
3		27704.00	65.70	-11.04	54.66	83.50	-28.84	peak	
4	*	27984.00	67.47	-11.28	56.19	83.50	-27.31	peak	
5		28488.00	63.18	-10.35	52.83	83.50	-30.67	peak	
6		28572.00	63.10	-10.59	52.51	83.50	-30.99	peak	

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Operation Mode	Config 2 Recording Mode	Test Date	Jun. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.

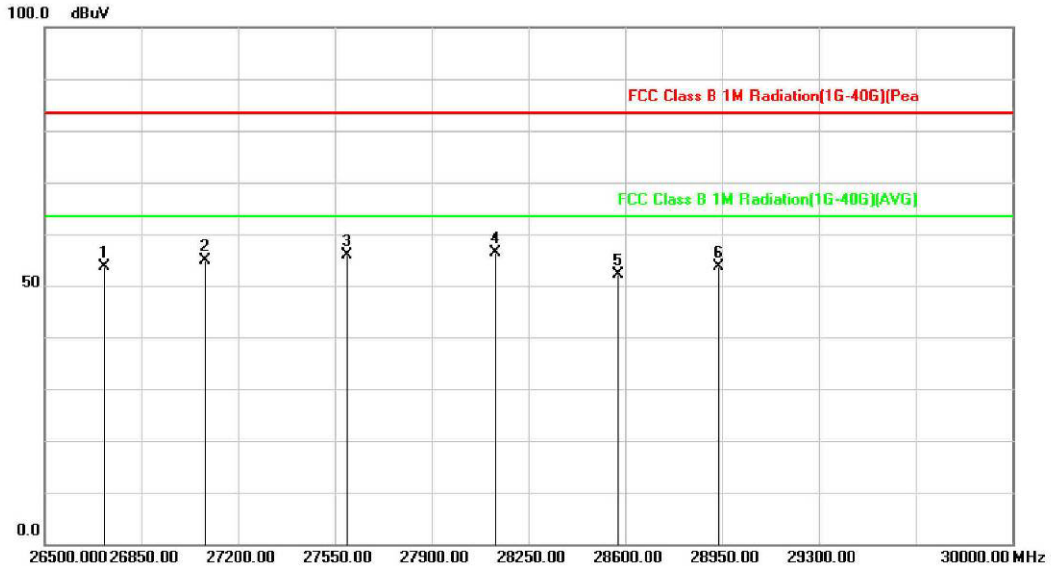


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26710.00	59.05	-9.80	49.25	83.50	-34.25	peak	
2		27165.00	61.26	-10.37	50.89	83.50	-32.61	peak	
3		27305.00	59.64	-10.57	49.07	83.50	-34.43	peak	
4	*	27578.00	63.27	-10.92	52.35	83.50	-31.15	peak	
5		27753.00	62.86	-11.08	51.78	83.50	-31.72	peak	
6		27963.00	61.93	-11.26	50.67	83.50	-32.83	peak	

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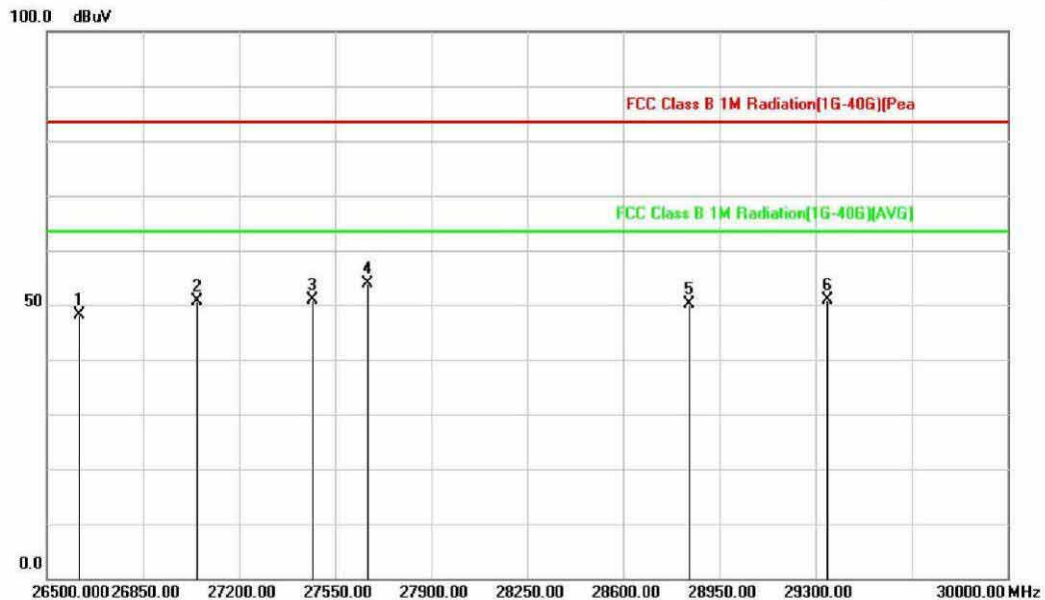


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26717.00	63.46	-9.81	53.65	83.50	-29.85	peak	
2		27081.00	65.16	-10.25	54.91	83.50	-28.59	peak	
3		27592.00	66.74	-10.93	55.81	83.50	-27.69	peak	
4	*	28131.00	67.30	-11.04	56.26	83.50	-27.24	peak	
5		28572.00	62.60	-10.59	52.01	83.50	-31.49	peak	
6		28936.00	65.67	-12.00	53.67	83.50	-29.83	peak	

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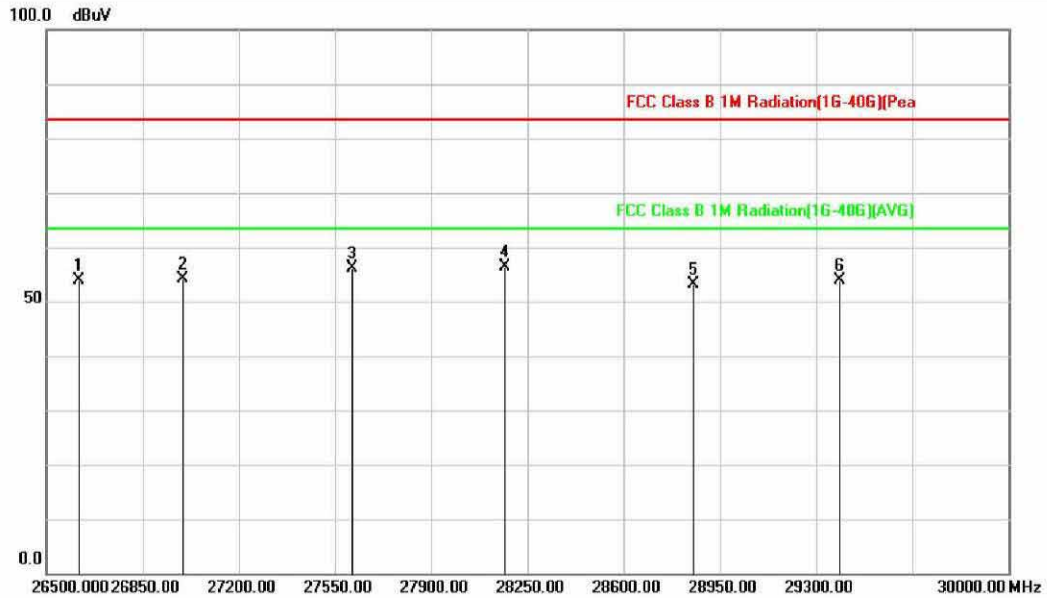
Operation Mode	Config 2 Play Recording Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26619.00	57.94	-9.69	48.25	83.50	-35.25	peak	
2		27046.00	60.77	-10.20	50.57	83.50	-32.93	peak	
3		27466.00	61.68	-10.81	50.87	83.50	-32.63	peak	
4	*	27669.00	64.92	-11.01	53.91	83.50	-29.59	peak	
5		28838.00	61.79	-11.62	50.17	83.50	-33.33	peak	
6		29342.00	63.09	-12.26	50.83	83.50	-32.67	peak	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26619.00	63.66	-9.69	53.97	83.50	-29.53	peak	
2		26997.00	64.34	-10.12	54.22	83.50	-29.28	peak	
3		27613.00	67.07	-10.95	56.12	83.50	-27.38	peak	
4	*	28166.00	67.31	-10.96	56.35	83.50	-27.15	peak	
5		28852.00	64.74	-11.67	53.07	83.50	-30.43	peak	
6		29384.00	66.04	-12.26	53.78	83.50	-29.72	peak	

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Operation Mode	Config 2 MP3 Mode	Test Date	Apr. 25, 2013
Tested By	Eddy Cheng	Pol	Ver. and Hor.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		27088.00	62.08	-10.26	51.82	83.50	-31.68	peak	
2	*	27578.00	63.77	-10.92	52.85	83.50	-30.65	peak	
3		28215.00	62.19	-10.87	51.32	83.50	-32.18	peak	
4		28551.00	60.97	-10.52	50.45	83.50	-33.05	peak	
5		29104.00	64.90	-12.25	52.65	83.50	-30.85	peak	
6		29559.00	63.91	-12.27	51.64	83.50	-31.86	peak	

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		26682.00	63.74	-9.76	53.98	83.50	-29.52	peak	
2		26997.00	64.34	-10.12	54.22	83.50	-29.28	peak	
3		27613.00	67.07	-10.95	56.12	83.50	-27.38	peak	
4		28586.00	62.24	-10.65	51.59	83.50	-31.91	peak	
5	*	29139.00	69.10	-12.25	56.85	83.50	-26.65	peak	
6		29748.00	66.99	-12.26	54.73	83.50	-28.77	peak	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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