

**Issue Date: Apr. 28, 2014** 

Page : 1 of 155



# 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-0731-BV** 

Added Model(s): N/A

**Model Difference:** N/A

FCC ID: **PY7PM-0731** 

**Report No.:** EM/2014/10048

**Issue Date:** Apr. 28, 2014

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** 

Prepared by: No.134, Wu Kung Road, New Taipei Industrial

Park, Wuku District, New Taipei City, Taiwan

24803

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Issue Date: Apr. 28, 2014

: 2 of 155 **Page** 

#### 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-0731-BV

Added Model(s): N/A

**Model Difference:** N/A

FCC ID: PY7PM-0731

File Number: EM/2014/10048

**Date of EUT Received:** Jan. 21, 2014

Date of Test: Jan. 22 ~ 31, 2014

**Issue Date:** Apr. 28, 2014

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

# 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. The test results of this report relate only to the tested sample identified in this report.

Test By:	Eddy Cheny	Date:	Apr. 28, 2014
	Eddy Cheng/ Engineer		
Prepared By:	Annathuang	Date:	Apr. 28, 2014
	Anna Huang / Clerk	•	
Approved By:	Victor Wen	Date:	Apr. 28, 2014
	Victor Wen / Assistant Manager	•	

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Issue Date: Apr. 28, 2014

Page : 3 of 155

# **Revision History**

Report Number	Revision	Description	Issue Date
EM/2014/10048	00	Initial Version	Apr. 28, 2014

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SGS Taiwan Ltd. No.134,Wu Kung Road, New T t (886-2) 2299-3279



Issue Date: Apr. 28, 2014 Page : 4 of 155

# **Contents**

1. GENERAL INFORMATION	
1.1 APPLICANT & MANUFACTURER INFORMATION	6
1.2 GENERAL DESCRIPTION OF EUT	6
1.3 Details of EUT	
1.4 EUT DESCRIPTION	13
1.5 Operation Procedure	13
1.6 DESCRIPTION OF SUPPORT UNITS	13
1.7 Modification List	14
1.8 Cable List	14
1.9 Test Set-Up Configuration	15
1.10 Measurment Procedure	16
1.11 STANDARDS APPLICABLE FOR TESTING	16
1.12 Summary of Results	16
2. EMISSION	17
2.1 Test Results	
2.2 Frequency Range	
2.3 LIMITS OF CONDUCTED AND RADIATED EMISSION	
2.3.1 LIMIT OF CONDUCTED EMISSION OF FCC PART 15, SUBPART B/CISPR 22	
2.3.2 LIMIT OF RADIATED EMISSIONS OF FCC PART 15, SUBPART B/CISPR 22	
2.4.Test of Conducted Emission	
2.4.1 TEST EQUIPMENTS	
2.4.2 TEST SITE	
2.4.3 OPERATING ENVIRONMENT	
2.4.4 MEASUREMENT UNCERTAINTY OF CONDUCTED EMISSION	19
2.4.5 MEASUREMENT LEVEL CALCULATION	19
2.4.6 MEASUREMENT DATA	20
2.5 TEST OF RADIATED EMISSION	36
2.5.1 TEST INSTRUMENTS	36
2.5.2 TEST SITE.	37
2.5.3 OPERATING ENVIRONMENT	37
2.5.4 MEASUREMENT UNCERTAINTY OF RADIATED EMISSION	37
2.5.5 MEASUREMENT LEVEL CALCULATION	37

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**Issue Date: Apr. 28, 2014** 

Page : 5 of 155

# **Contents**

2.5.6 MEASUREMENT DATA	38
3. PHOTOGRAPHS OF TEST	126
4 PHOTOGRAPHS OF PRODUCT	1/1

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Issue Date: Apr. 28, 2014

Page : 6 of 155

# 1. General Information

# 1.1 Applicant & Manufacturer Information

Applicant: Sony Mobile Communications AB

Address of Applicant: Nya Vattentornet 22188 Lund/Sweden

Manufacturer: Sony Mobile Communications AB

Address of Manufacturer: Nya Vattentornet 22188 Lund/Sweden

# 1.2 General Description of EUT

Product Name: PDA Phone

Brand Name: Sony

Type No. : PM-0731-BV Added Model(s) : N/A Model Difference : N/A FCC ID : PY7PM-0731

Filing Type: Certification

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號



**Issue Date:** Apr. 28, 2014

Page : 7 of 155



#### 1.3 Details of EUT

	1.Model No.: EC450, Supplier: K-one			
Data cable(USB):	Type No.: AI-0700, Length: 100 cm			
Data cabic (03D).	2.Model No.: EC801, Supplier: Sony			
	Type No.: Al	-0401, Length: 100 cm		
Circula Handa Fran (CHF White)	Model No.: N	MH410c, Supplier: Foster Electric		
Simple Hands-Free (SHF-White):	Type No.: AC	G-1100		
Charle Hands Franc (CHE Disal)	Model No.: N	MH410c, Supplier: Foster Electric		
Simple Hands-Free (SHF-Black):	Type No.: CO	• •		
0 01	Model No.: A	N400, Supplier: Salcomp		
Car Charger:	Type No.: CA	• • • • • • • • • • • • • • • • • • • •		
		/IW600, Supplier: BALDA		
		DA-0002029.B coupling with Simple Hands Free		
Hi-Fi Wireless Headset:		MH755, Supplier: BALDA		
	Type No.: AG-0502)			
Hardware Version:	Α			
Software Version:	18.1.A.0.20			
	3.8Vdc			
	D	Model No.: LIS1546ERPC, Supplier: Sony		
	Battery:	Type No.: N/A		
Power Supply:		1.Model No.: EP800, Supplier: Salcomp		
<del> </del>		Type No.: CAA-0002016-US		
	Adapter :	2.Model No.: EP880, Supplier: Salcomp		
		Type No.: AC-0400-US		
IMEI:	004402452036753			

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**Issue Date: Apr. 28, 2014** 

: 8 of 155 Page



# Bluetooth\_BR+EDR:

Bluetooth Version:	V3.0+HS
Channel number:	79 channels
Modulation type:	Frequency Hopping Spread Spectrum
Transmit Power:	10.04dBm
Frequency Range:	2.402GHz – 2.480GHz
Dwell Time:	<= 0.4s
Antenna Designation:	PIFA Antenna, Gain: -1.34dBi
Type of Emission:	884KF7D (GFSK) / 1M17G7D (n/4DQPSK) /1M18G7D (8DPSK)

# Bluetooth Low Energy:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V4.0 Dual mode
Channel number:	40 channels
Modulation type:	GFSK
Transmit Power:	1.85dBm (Peak)
Antenna Designation:	PIFA Antenna, Gain: -1.34dBi
Type of Emission	1M07F7D

### NFC:

Operating Frequency	13.56MHz
Transmit Power	< 123dBuV/m at 3m.
Number of Channels	1
Antenna Type	Loop Antenna
Modulation Type	ASK, BPSK
Type of Emission	24K4F1D

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**Issue Date: Apr. 28, 2014** 

Page : 9 of 155



# WLAN 2.4GHz+5.7GHz:

Wi-Fi	Frequency Range	Channels	Rated Power	Modulation Technology	Type of Emission
11b/g	2412-2462	11	b: 20.35dBm g: 21.91dBm	DSSS, OFDM	b: 14M1G1D g: 16M6D1D
11n	HT20 2412- 2462	11	HT20: 20.55dBm	OFDM	n: 17M7D1D
11a	5725-5850	5	a: 21.15dBm		a: 16M6D1D
11n (5GHz)	HT20 5725-5850	5	HT20: 20.22dBm	OFDM	n_20HT:17M7D1D
11n (5GHz)	HT40 5725-5850	2	HT40: 19.50dBm		n_40HT:36M1D1D
Antenna	Designation:	PIFA Antenna, 2.4GHz Gain: -1.34dBi 5GHz Gain: 4.51dBi (5725MHz-5850MHz)			
Modulation type:		CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM			
Transitio	n 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			

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**Issue Date:** Apr. 28, 2014

Page : 10 of 155



# WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Rated Power (Avg)	Rated Power (EIRP)	Modulation Technology	Type of Emission	
	5150~5250	4	13.96dBm	13.58dBm		16M6D1D	
11a	5250~5350	4	13.97dBm	14.07dBm	OFDM	16M6D1D	
	5470~5725	8	13.99dBm	17.97dBm		16M7D1D	
	HT20 5150~5250	4	HT20: 11.49dBm	HT20: 11.11dBm		17M8D1D	
11n	HT20 5250~5350	4	HT20: 11.49dBm	HT20: 11.59dBm	OFDM	17M8D1D	
	HT20 5470~5725	8	HT20: 11.83dBm	HT20: 15.81dBm		17M8D1D	
	HT40 5150~5250	2	HT40: 11.41dBm	HT40: 11.03dBm	OFDM	36M0D1D	
11n	HT40 5250~5350	2	HT40: 10.45dBm	HT40: 10.55dBm		36M0D1D	
	HT40 5470~5725	3	HT40: 10.48dBm	HT40: 14.46dBm		36M0D1D	
Antenna I	Designation	PIFA Antenna, 5GHz Gain: -0.38dBi (5150MHz-5250MHz) 5GHz Gain: 0.10dBi (5250MHz-5350MHz) 5GHz Gain: 3.98dBi (5470MHz-5725MHz)					
Modulation type			CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM				
Transitior	n 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					

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**Issue Date:** Apr. 28, 2014

Page : 11 of 155



### GSM / WCDMA:

GSM / WCDMA:														
		Operating Frequency		Rated Power										
		GSM/GPRS 850, Class 33	824.2 MHz- 848.8 MHz	33dBm										
	EDGE 850, Class 33	824.2 MHz- 848.8 MHz	27dBm											
			GSM/GPRS 1900, Class 33	1850.2MHz – 1909.8MHz	30dBm									
		EDGE 1900, Class 33	1850.2MHz – 1909.8MHz	26dBm										
		WCDMA/HSUPA/HSDPA /HSPA+ Band II	1852.4MHz – 1907.6MHz	24dBm										
		WCDMA/HSUPA/HSDPA /HSPA+ Band IV	1712.4MHz - 1752.6MHz	24dBm										
		WCDMA/HSUPA/HSDPA /HSPA+ Band V	826.4MHz - 846.6MHz	24dBm										
Cellular Phone	Phone	1.4MHz BW LTE-Band 4	1710.7MHz– 1754.3MHz	23dBm										
Standards Frequency	ndards quency Range 5M 10I 15I 20I	3MHz BW LTE-Band 4	1711.5MHz – 1753.5MHz	23dBm										
and Power			5MHz BW LTE-Band 4	1712.5MHz – 1752.5MHz	23dBm									
												10MHz BW LTE-Band 4	1715MHz – 1750MHz	23dBm
						15MHz BW LTE-Band 4	1717.5MHz – 1747.5MHz	23dBm						
		20MHz BW LTE-Band 4	1720MHz – 1745MHz	23dBm										
		5MHz BW LTE-Band 7	2502.5MHz – 2567.5MHz	23dBm										
		10MHz BW LTE-Band 7	2505.0MHz – 2565.0MHz	23dBm										
					15MHz BW LTE-Band 7	2507.5MHz – 2562.5MHz	23dBm							
		20MHz BW LTE-Band 7	2510.0MHz – 2560MHz	23dBm										
				5MHz BW LTE-Band 17	706.5MHz – 713.5MHz	23dBm								
		10MHz BW LTE-Band 17	709.0MHz –711.0MHz	23dBm										

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Type of Emission:

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> **Issue Date: Apr. 28, 2014 Page** : 12 of 155

GSM 850: 250KGXW, GSM 1900: 249KGXW GPRS 850: 256KGXW, GPRS 1900: 248KGXW

EDGE 850: 253KG7W, EDGE 1900: 248KG7W

WCDMA Band II: 4M22F9W, WCDMA Band IV: 4M28F9W,

WCDMA Band V: 4M20F9W

HSDPA Band II: 4M17F9W, HSDPA Band IV: 4M23F9W,

HSDPA Band V: 4M12F9W

HSUPA Band II: 4M23F9W, HSUPA Band IV: 4M24F9W,

HSUPA Band V: 4M25F9W

1.4MHz BW LTE-Band 4 QPSK:1M10D7W 1.4MHz BW LTE-Band 4 16QAM: 1M10D7W 3MHz BW LTE-Band 4 QPSK: 2M69D7W 3MHz BW LTE-Band 4 16QAM: 2M69D7W 5MHz BW LTE-Band 4 QPSK: 4M52D7W 5MHz BW LTE-Band 4 16QAM: 4M45D7W

10MHz BW LTE-Band 4 QPSK: 8M96D7W

10MHz BW LTE-Band 4 16QAM: 8M96D7W 15MHz BW LTE-Band 4 QPSK: 13M45D7W

15MHz BW LTE-Band 4 16QAM: 13M58D7W 20MHz BW LTE-Band 4 QPSK: 17M67D7W 20MHz BW LTE-Band 4 16QAM: 17M90D7W

5MHz BW LTE-Band 7 QPSK: 4M54D7W 5MHz BW LTE-Band 7 16QAM: 4M50D7W 10MHz BW LTE-Band 7 QPSK: 8M93D7W 10MHz BW LTE-Band 7 16QAM: 8M93D7W 15MHz BW LTE-Band 7 QPSK: 13M45D7W

15MHz BW LTE-Band 7 16QAM: 13M35D7W 20MHz BW LTE-Band 7 QPSK: 17M97D7W 20MHz BW LTE-Band 7 16QAM: 17M91D7W 5MHz BW LTE-Band 17 QPSK: 4M54D7W

5MHz BW LTE-Band 17 16QAM: 4M49D7W 10MHz BW LTE-Band 17 QPSK: 8M98D7W 10MHz BW LTE-Band 17 16QAM: 8M95D7W

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**Issue Date: Apr. 28, 2014** 

: 13 of Page 155

# 1.4 EUT description

PM-0731-BV	Config 1	Config 2	Config 3
Applicable standard (FCC 15B)			
Accessories	EUT +USB Cable(EC801) +SHF (MH410c)	EUT +Adapter(EP880) +USB Cable(EC801) +SHF (MH410c)	EUT +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/Play Recording/MP3
conducted emission (AC Power)	DATA Link (USB)	Recording/Play Recording/MP3	Recording/Play Recording/MP3

# 1.5 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.

# 1.6 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
NOTEBOOK	IBM	L412	LR-ZYMYD
Radio Communication Analyzer	R&S	CMU 200	N/A
Mouse	HP	M-UAE96	390938-001
Printer	HP	DJ3820	CN34L181B1

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**Issue Date:** Apr. 28, 2014

Page : 14 of 155



#### 1.7 Modification List

No modification by SGS Taiwan Electronics & Communication Laboratory.

#### 1.8 Cable List

Cable Type	Length	Shielding/Non-shielding
USB cable with core near EUT, near Adapter	1.0 m	Shielding
USB cable	1.0 m	Shielding
SHF	1.5m	Non-shielding
Power cable	1.0 m	Shielding

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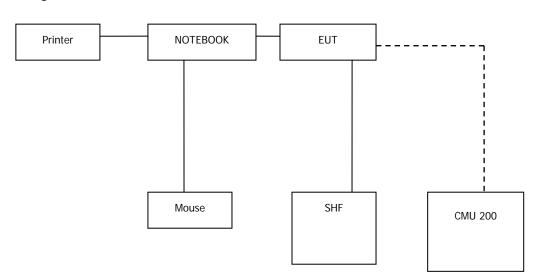
**Issue Date: Apr. 28, 2014** 

: 15 of 155 Page

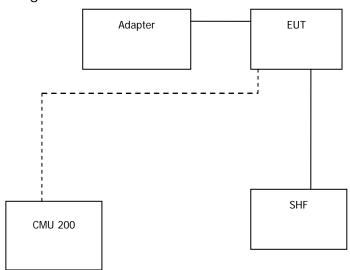


# 1.9 Test Set-Up Configuration

# Config 1



# Config2 & 3



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**FCC ID: PY7PM-0731** 

Report No.: EM/2014/10048

**Issue Date: Apr. 28, 2014** 

**Page** : 16 of 155

#### 1.10 Measurment 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 open field 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 10meters. 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.

# 1.11 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

### 1.12 Summary of Results

Highest Emission					
Standard	Test Type	Result	Phase/Polar.	Frequency(MHz)	Margin(dB)
FCC Part 15	Conducted Emission	DACC	Line	3.4684	-10.47(QP)
Subpart B		PASS	Neutral	0.1860	-12.32(QP)
Class B / CISPR 22 Class B	Radiated Emission	PASS	Ver.	959.9920	-8.70(QP)

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> **Issue Date: Apr. 28, 2014** : 17 of Page 155

# 2. EMISSION

# 2.1 Test Results

	Results
Conducted Emission	Pass
Radiated Emission	Pass

# 2.2 Frequency Range

Conducted Emission : 150 kHz - 30 MHz : 30 MHz - 1000 MHz Radiated Emission

1GHz - 30GHz

#### 2.3 Limits Of Conducted And Radiated Emission

# 2.3.1 Limit Of Conducted Emission Of FCC Part 15, Subpart B/CISPR 22

FREQUENCY	Class A (dBuV)		Class B (dBuV)	
(MHz)	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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Issue Date: Apr. 28, 2014

Page : 18 of 155

# 2.3.2 Limit Of Radiated Emissions Of FCC Part 15, Subpart B/CISPR 22

#### **FCC Limit:**

Detector Function : Ouasi – Peak

- Bottotto Fullotto Francisco				
FREQUENCY	Class A (at 10m)	Class B (at 3m)		
(MHz)	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	Class A (dBuV) (at 3m)		Class B (dB	BuV) (at 3m)
(MHz)	Peak Average		Peak	Average
Above 1000	79.3	59.3	73.9	53.9

#### **CISPR Limit:**

Detector Function : Quasi – Peak

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

Detector Function : Peak , Average – Class A

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

• Detector Function : Peak , Average – Class B

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

Note: The lower limit applies at the transition frequency.

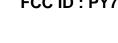
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> **Issue Date: Apr. 28, 2014** : 19 of Page 155

# 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 7	100760	May 27, 2013	May 26, 2014	
Coaxial Cables	N/A	WK CE Cable	N/A	Nov. 26, 2013	Nov. 25, 2014	
LISN	SCHWARZBECK	NSLK 8127	8127-649	May 21, 2013	May 20, 2014	
LISN	FCC	FCC-LISN-50/250- 25-2-01	04034	Mar. 22, 2013	Mar. 21, 2014	
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.	

#### 2.4.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory No.134, Wu Kung Road. Wuku Industrial Zone, Taipei County 248, Taiwan (R.O.C.)

# 2.4.3 Operating Environment

Temperature : 26 degree Humidity: 60 %RH

Atmospheric Pressure: 996 mBar

#### 2.4.4 Measurement Uncertainty of Conducted Emission

Expanded uncertainty (K=2) of conducted emission is 1.06dB.

#### 2.4.5 Measurement level calculation

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

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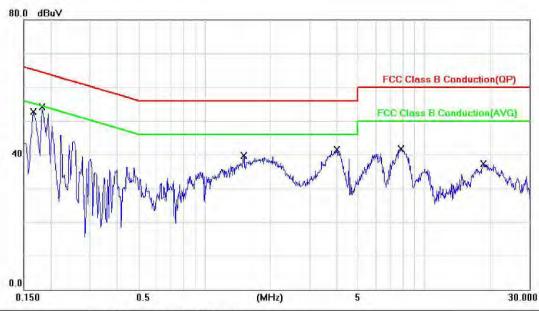


**Issue Date: Apr. 28, 2014** : 20 of 155 Page



# 2.4.6 Measurement Data

Operation Mode:	Config 1 : Data Link Internal Storage (Read)	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



o. Mk.		_	Level Level	Correct Factor	Measure- ment	Limit	Over			
		dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment		
	0.1660	50.90	0.16	51.06	65.16	-14.10	QP			
F	0.1660	35.40	0.16	35.56	55.16	-19.60	AVG			
*	0.1820	51.60	0.16	51.76	64.39	-12.63	QP			
	0.1820	32.80	0.16	32.96	54.39	-21.43	AVG			
	1.5060	34.90	0.19	35.09	56.00	-20.91	QP			
	1.5060	23.20	0.19	23.39	46.00	-22.61	AVG			
	3.9860	34.90	0.24	35.14	56.00	-20.86	QP			
	3.9860	23.80	0.24	24.04	46.00	-21.96	AVG			
	7.8220	32.70	0.32	33.02	60.00	-26.98	QP			
	7.8220	32.10	0.32	32.42	50.00	-17.58	AVG			
	18.6180	32.00	0.40	32.40	60.00	-27.60	QP			
	18.6180	22.70	0.40	23.10	50.00	-26.90	AVG			
		MHz 0.1660 0.1660 * 0.1820 0.1820 1.5060 1.5060 3.9860 7.8220 7.8220 18.6180	MHz dBuV 0.1660 50.90 0.1660 35.40  * 0.1820 51.60 0.1820 32.80 1.5060 34.90 1.5060 23.20 3.9860 23.80 7.8220 32.70 7.8220 32.10 18.6180 32.00	Mk. Freq. Level Factor  MHz dBuV dB  0.1660 50.90 0.16  0.1660 35.40 0.16  * 0.1820 51.60 0.16  1.5060 34.90 0.19  1.5060 23.20 0.19  3.9860 34.90 0.24  7.8220 32.70 0.32  7.8220 32.10 0.32  18.6180 32.00 0.40	Mk.         Freq.         Level         Factor         ment           MHz         dBuV         dB         dBuV           0.1660         50.90         0.16         51.06           0.1660         35.40         0.16         35.56           *         0.1820         51.60         0.16         51.76           0.1820         32.80         0.16         32.96           1.5060         34.90         0.19         35.09           1.5060         23.20         0.19         23.39           3.9860         34.90         0.24         35.14           3.9860         23.80         0.24         24.04           7.8220         32.70         0.32         33.02           7.8220         32.10         0.32         32.42           18.6180         32.00         0.40         32.40	Mk.         Freq.         Level         Factor         ment         Limit           MHz         dBuV         dB dBuV         dBuV         dBuV           0.1660         50.90         0.16         51.06         65.16           0.1660         35.40         0.16         35.56         55.16           *         0.1820         51.60         0.16         51.76         64.39           0.1820         32.80         0.16         32.96         54.39           1.5060         34.90         0.19         35.09         56.00           1.5060         23.20         0.19         23.39         46.00           3.9860         34.90         0.24         35.14         56.00           7.8220         32.70         0.32         33.02         60.00           7.8220         32.10         0.32         32.42         50.00           18.6180         32.00         0.40         32.40         60.00	Mk.         Freq.         Level         Factor         ment         Limit         Over           MHz         dBuV         dBuV <td< td=""><td>Mk.         Freq.         Level         Factor         ment         Limit         Over           MHz         dBuV         dBuV         dBuV         dBuV         dB         Detector           0.1660         50.90         0.16         51.06         65.16         -14.10         QP           0.1660         35.40         0.16         35.56         55.16         -19.60         AVG           *         0.1820         51.60         0.16         51.76         64.39         -12.63         QP           0.1820         32.80         0.16         32.96         54.39         -21.43         AVG           1.5060         34.90         0.19         35.09         56.00         -20.91         QP           1.5060         23.20         0.19         23.39         46.00         -22.61         AVG           3.9860         34.90         0.24         35.14         56.00         -20.86         QP           3.9860         23.80         0.24         24.04         46.00         -21.96         AVG           7.8220         32.70         0.32         33.02         60.00         -26.98         QP           7.8220         32.10</td><td>Mk.         Freq.         Level         Factor         ment         Limit         Over           MHz         dBuV         dBuV         dBuV         dB Detector         Comment           0.1660         50.90         0.16         51.06         65.16         -14.10         QP           0.1660         35.40         0.16         35.56         55.16         -19.60         AVG           *         0.1820         51.60         0.16         51.76         64.39         -12.63         QP           0.1820         32.80         0.16         32.96         54.39         -21.43         AVG           1.5060         34.90         0.19         35.09         56.00         -20.91         QP           1.5060         23.20         0.19         23.39         46.00         -22.61         AVG           3.9860         34.90         0.24         35.14         56.00         -20.86         QP           3.9860         23.80         0.24         24.04         46.00         -21.96         AVG           7.8220         32.70         0.32         33.02         60.00         -26.98         QP           7.8220         32.10         0.32</td></td<>	Mk.         Freq.         Level         Factor         ment         Limit         Over           MHz         dBuV         dBuV         dBuV         dBuV         dB         Detector           0.1660         50.90         0.16         51.06         65.16         -14.10         QP           0.1660         35.40         0.16         35.56         55.16         -19.60         AVG           *         0.1820         51.60         0.16         51.76         64.39         -12.63         QP           0.1820         32.80         0.16         32.96         54.39         -21.43         AVG           1.5060         34.90         0.19         35.09         56.00         -20.91         QP           1.5060         23.20         0.19         23.39         46.00         -22.61         AVG           3.9860         34.90         0.24         35.14         56.00         -20.86         QP           3.9860         23.80         0.24         24.04         46.00         -21.96         AVG           7.8220         32.70         0.32         33.02         60.00         -26.98         QP           7.8220         32.10	Mk.         Freq.         Level         Factor         ment         Limit         Over           MHz         dBuV         dBuV         dBuV         dB Detector         Comment           0.1660         50.90         0.16         51.06         65.16         -14.10         QP           0.1660         35.40         0.16         35.56         55.16         -19.60         AVG           *         0.1820         51.60         0.16         51.76         64.39         -12.63         QP           0.1820         32.80         0.16         32.96         54.39         -21.43         AVG           1.5060         34.90         0.19         35.09         56.00         -20.91         QP           1.5060         23.20         0.19         23.39         46.00         -22.61         AVG           3.9860         34.90         0.24         35.14         56.00         -20.86         QP           3.9860         23.80         0.24         24.04         46.00         -21.96         AVG           7.8220         32.70         0.32         33.02         60.00         -26.98         QP           7.8220         32.10         0.32	

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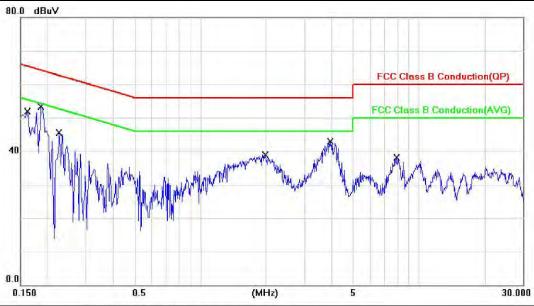
**Issue Date: Apr. 28, 2014** 

Page : 21 of 155



Operation Mode: Config 1 : Data Link Internal Storage (Read) Test Date: Jan. 31, 2014

Tested By: Eddy Cheng Pol.: N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.1620	48.80	0.18	48.98	65.36	-16.38	QP	
2		0.1620	28,90	0.18	29.08	55.36	-26,28	AVG	
3	*	0.1860	51.70	0.19	51.89	64.21	-12.32	QP	
4		0.1860	21.50	0.19	21.69	54.21	-32.52	AVG	
5		0.2260	43.10	0.19	43.29	62.60	-19.31	QP	
6		0.2260	23.20	0.19	23.39	52.60	-29.21	AVG	
7		1.9820	36.00	0.23	36.23	56.00	-19.77	QP	
8		1.9820	24.30	0.23	24.53	46.00	-21.47	AVG	
9		3.9260	36.90	0.29	37.19	56.00	-18.81	QP	
10		3.9260	25.40	0.29	25.69	46.00	-20.31	AVG	
11		7.9220	32.50	0.37	32.87	60.00	-27.13	QP	
12		7.9220	27.20	0.37	27.57	50.00	-22.43	AVG	

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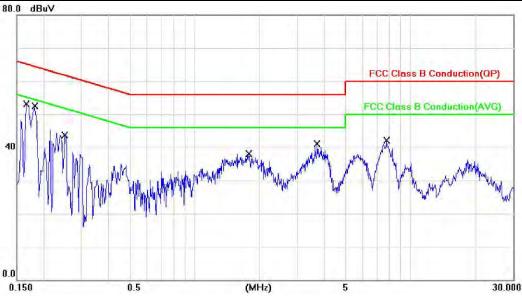


**Issue Date: Apr. 28, 2014** 

Page : 22 of 155



Operation Mode:	Config 1 : Data Link SD Card (Read)	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.1660	50.50	0.16	50.66	65.16	-14.50	QP	
2		0.1660	32.40	0.16	32.56	55.16	-22.60	AVG	
3	*	0.1820	50.40	0.16	50.56	64.39	-13.83	QP	
4		0.1820	33.50	0.16	33.66	54.39	-20.73	AVG	
5		0.2500	41.60	0.16	41.76	61.76	-20.00	QP	
6		0.2500	23.50	0.16	23.66	51.76	-28.10	AVG	
7		1.7820	34.30	0.20	34.50	56.00	-21.50	QP	
8		1.7820	23.20	0.20	23.40	46.00	-22.60	AVG	
9		3.7060	31,60	0.24	31.84	56.00	-24.16	QP	
10		3.7060	24.50	0.24	24.74	46.00	-21.26	AVG	
11		7.8100	36.10	0.32	36.42	60.00	-23.58	QP	
12		7.8100	30,20	0.32	30.52	50.00	-19.48	AVG	

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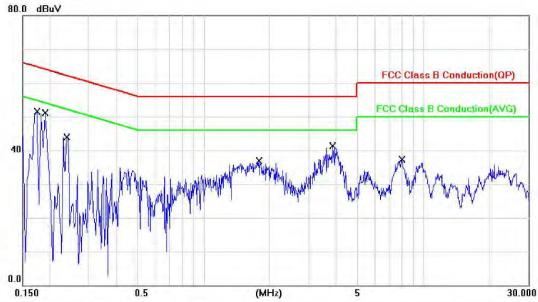


Issue Date: Apr. 28, 2014

Page : 23 of 155



Operation Mode:	Config 1 : Data Link SD Card (Read)	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment	
1	*	0.1740	48.80	0.18	48.98	64.77	-15.79	QP		
2		0.1740	28.90	0.18	29.08	54.77	-25.69	AVG		
3		0.1900	45.30	0.19	45.49	64.04	-18.55	QP		
4		0.1900	32.70	0.19	32.89	54.04	-21.15	AVG		
5		0.2380	42.20	0.19	42.39	62.17	-19.78	QP		
6		0.2380	24.30	0.19	24.49	52.17	-27.68	AVG		
7	4	1.7820	33.80	0.23	34.03	56.00	-21.97	QP		
8	1 -	1.7820	22.30	0.23	22.53	46.00	-23.47	AVG		
9		3.8740	35.40	0.29	35.69	56.00	-20.31	QP		
10		3.8740	25.00	0.29	25.29	46.00	-20.71	AVG		
11		7.9940	31.50	0.37	31.87	60.00	-28.13	QP		
12		7.9940	25.20	0.37	25.57	50.00	-24.43	AVG		

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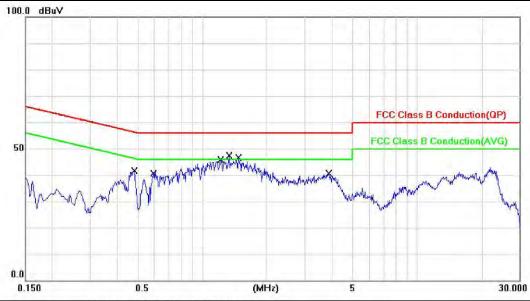


**Issue Date: Apr. 28, 2014** 

Page : 24 of 155



Operation Mode:	Config 2 : Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dΒ	Detector	Comment
1	1	0.4780	39.00	0.16	39.16	56.37	-17.21	QP	
2		0.4780	29.20	0.16	29.36	46.37	-17.01	AVG	
3		0.5913	36.10	0.16	36.26	56.00	-19.74	QP	
4		0.5913	25.90	0.16	26.06	46.00	-19.94	AVG	
5		1.2226	41.30	0.17	41.47	56.00	-14.53	QP	
6		1.2226	30.20	0.17	30.37	46.00	-15.63	AVG	
7	*	1.3373	41.30	0.18	41.48	56.00	-14.52	QP	
8		1.3373	30.70	0.18	30.88	46.00	-15.12	AVG	
9		1.4827	41.10	0.18	41.28	56.00	-14.72	QP	
10		1.4827	28.80	0.18	28.98	46.00	-17.02	AVG	
11		3.8820	34.10	0.24	34.34	56.00	-21.66	QP	
12		3.8820	22.90	0.24	23.14	46.00	-22.86	AVG	

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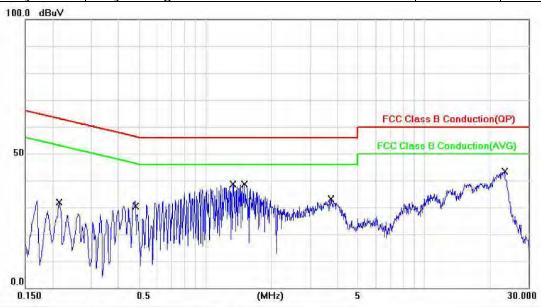


**Issue Date: Apr. 28, 2014** 

: 25 of 155 Page



Operation Mode:	Config 2 : Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.2134	26.80	0.19	26.99	63.07	-36.08	QP	
2		0.2134	18.00	0.19	18.19	53.07	-34.88	AVG	
3	9	0.4833	31.70	0.19	31.89	56.28	-24.39	QP	
4	ć	0.4833	21.40	0.19	21.59	46.28	-24.69	AVG	
5	*	1.3413	34.80	0.21	35.01	56.00	-20.99	QP	
6		1.3413	21.80	0.21	22.01	46.00	-23.99	AVG	
7		1.5015	34.60	0.23	34.83	56.00	-21.17	QP	
8		1.5015	22.20	0.23	22.43	46.00	-23.57	AVG	
9		3.7420	27.30	0.28	27.58	56.00	-28.42	QP	
10		3.7420	16.40	0.28	16.68	46.00	-29.32	AVG	
11		23.3660	34.70	0.55	35.25	60.00	-24.75	QP	
12		23.3660	19.00	0.55	19.55	50.00	-30.45	AVG	

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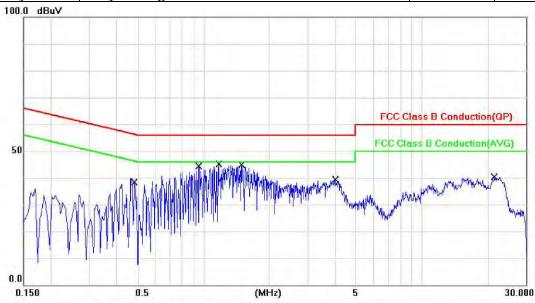


**Issue Date: Apr. 28, 2014** 

: 26 of 155 Page



Operation Mode: Config 2 : Play Recording Test Date: Jan. 31, 2014 Pol.: L1 Tested By: **Eddy Cheng** 



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.4810	38.70	0.16	38.86	56.32	-17.46	QP	T to be a
2		0.4810	29.00	0.16	29.16	46.32	-17.16	AVG	
3	-	0.9597	40.10	0.17	40.27	56.00	-15.73	QP	
4		0.9597	29.00	0.17	29.17	46.00	-16.83	AVG	
5	*	1.1702	41.10	0.17	41.27	56.00	-14.73	QP	
6		1.1702	29.40	0.17	29.57	46.00	-16,43	AVG	
7		1.5020	41.00	0.19	41.19	56.00	-14.81	QP	
8		1.5020	30.30	0.19	30.49	46.00	-15.51	AVG	
9		4.0260	33.30	0.24	33.54	56.00	-22.46	QP	
10		4.0260	23.00	0.24	23.24	46.00	-22.76	AVG	
11		21.5540	33.90	0.42	34.32	60.00	-25.68	QP	
12		21.5540	22.20	0.42	22.62	50.00	-27.38	AVG	

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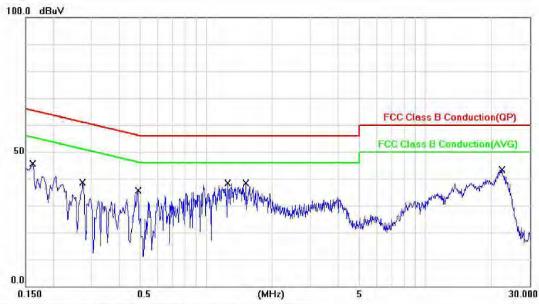


**Issue Date: Apr. 28, 2014** 

: 27 of 155 Page



Operation Mode:	Config 2 : Play Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment	
1		0.1620	39.10	0.18	39.28	65.36	-26.08	QP		
2		0.1620	23.50	0.18	23,68	55.36	-31.68	AVG		
3		0.2714	30.90	0.19	31.09	61.07	-29.98	QP		
4		0.2714	18.80	0.19	18.99	51.07	-32.08	AVG		
5		0.4856	32.20	0.19	32.39	56.24	-23.85	QP		
6		0.4856	23.20	0.19	23.39	46.24	-22.85	AVG		
7	*	1.2461	34.90	0.21	35.11	56.00	-20.89	QP		
8		1.2461	22.30	0.21	22.51	46.00	-23.49	AVG		
9		1.5144	34.20	0.23	34.43	56.00	-21.57	QP		
10		1.5144	21.30	0.23	21.53	46.00	-24.47	AVG		
11		22.3980	35.60	0.54	36.14	60.00	-23.86	QP		
12		22.3980	20.30	0.54	20.84	50.00	-29.16	AVG		

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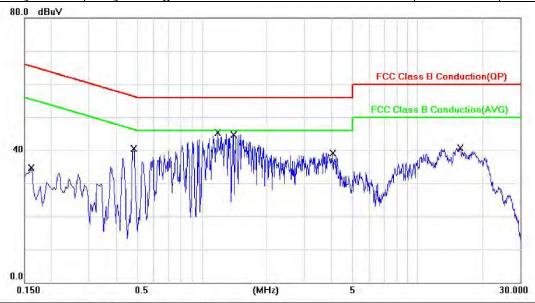


**Issue Date: Apr. 28, 2014** 

: 28 of 155 Page



Operation Mode:	Config 2 : MP3	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	фB	dBuV	dBuV	dΒ	Detector	Comment
1		0.1620	30.50	0.16	30.66	65.36	-34.70	QP	
2		0.1620	17.80	0.16	17.96	55.36	-37.40	AVG	
3		0.4860	39.00	0.16	39.16	56.24	-17.08	QP	
4		0.4860	28.70	0.16	28.86	46.24	-17.38	AVG	
5	*	1.1900	39.60	0.17	39.77	56.00	-16.23	QP	
6	1	1.1900	28.10	0.17	28.27	46.00	-17.73	AVG	
7		1.4060	38.00	0.18	38.18	56.00	-17.82	QP	
8	1 -	1.4060	24.50	0.18	24.68	46.00	-21.32	AVG	
9	1	4.0500	32.60	0.24	32.84	56.00	-23.16	QP	
10		4.0500	21.00	0.24	21.24	46.00	-24.76	AVG	
11		15.8340	36.50	0.39	36.89	60.00	-23.11	QP	
12		15.8340	25.10	0.39	25.49	50.00	-24.51	AVG	

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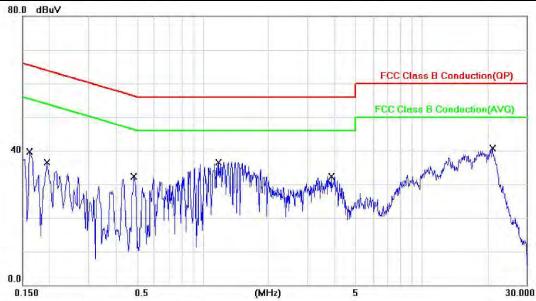


**Issue Date:** Apr. 28, 2014

Page : 29 of 155



Operation Mode: Config 2 : MP3 Test Date: Jan. 31, 2014
Tested By: Eddy Cheng Pol.: N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.1620	36.30	0.18	36.48	65.36	-28.88	QP	
2		0.1620	18.10	0.18	18.28	55.36	-37.08	AVG	
3		0.1940	31.60	0.19	31.79	63.86	-32.07	QP	
4		0.1940	16.00	0.19	16.19	53.86	-37.67	AVG	
5		0.4820	31.10	0.19	31.29	56.30	-25.01	QP	
6	*	0.4820	24.70	0.19	24.89	46.30	-21.41	AVG	
7	1	1.1780	30.70	0.21	30.91	56.00	-25.09	QP	
8		1.1780	18.40	0.21	18.61	46.00	-27.39	AVG	
9		3.8540	26.00	0.29	26.29	56.00	-29.71	QP	
10		3.8540	6.50	0.29	6.79	46.00	-39.21	AVG	
11		20.9340	33.50	0.53	34.03	60.00	-25.97	QP	
12		20.9340	15.80	0.53	16.33	50.00	-33.67	AVG	

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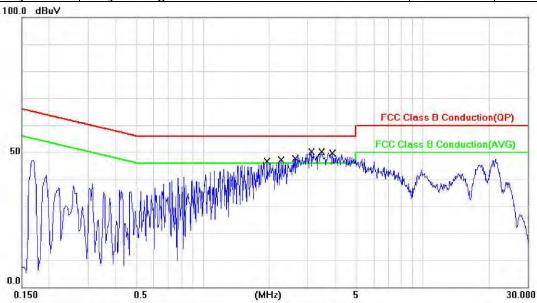


Report No.: EM/2014/10048 Issue Date: Apr. 28, 2014

Page : 30 of 155



Operation Mode:	Config 3: Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		1.9490	43.20	0.20	43.40	56.00	-12.60	QP	
2		1.9490	28.20	0.20	28.40	46.00	-17.60	AVG	
3	0	2.2797	42.90	0.20	43.10	56.00	-12.90	QP	
4		2.2797	28.70	0.20	28.90	46.00	-17.10	AVG	
5		2.6702	41.90	0.21	42.11	56.00	-13.89	QP	
6		2.6702	30.60	0.21	30.81	46.00	-15.19	AVG	
7		3.1144	44.90	0.23	45.13	56.00	-10.87	QP	
8		3.1144	33.80	0.23	34.03	46.00	-11.97	AVG	
9	*	3.4684	45.30	0.23	45.53	56.00	-10.47	QP	
10		3.4684	33.50	0.23	33.73	46.00	-12.27	AVG	
11		3.8857	43.80	0.24	44.04	56.00	-11.96	QP	
12		3.8857	33.10	0.24	33.34	46.00	-12,66	AVG	

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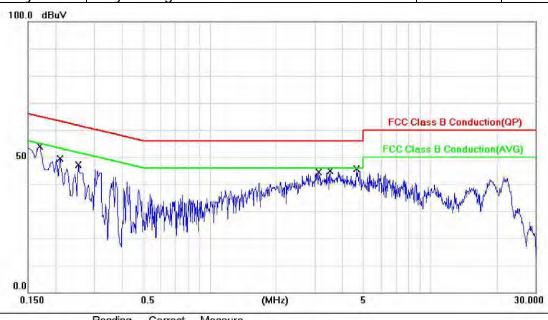


Report No.: EM/2014/10048 **Issue Date: Apr. 28, 2014** 

: 31 of 155 Page



Operation Mode: Config 3: Recording Test Date: Jan. 31, 2014 Pol.: Ν Tested By: Eddy Cheng



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment	
1	*	0.1682	52.00	0.18	52.18	65.05	-12.87	QP		
2		0.1682	40.10	0.18	40.28	55,05	-14.77	AVG		
3		0.2100	43.20	0.19	43.39	63.21	-19.82	QP		
4		0.2100	26.70	0.19	26.89	53,21	-26.32	AVG		
5		0.2525	38.80	0.19	38.99	61.67	-22.68	QP		
6		0.2525	23.00	0.19	23.19	51.67	-28.48	AVG		
7		3.1231	39.50	0.27	39.77	56.00	-16.23	QP		
8		3.1231	28.70	0.27	28.97	46.00	-17.03	AVG		
9		3.5032	38.30	0.28	38.58	56,00	-17.42	QP		
10		3.5032	27.80	0.28	28.08	46.00	-17.92	AVG		
11		4.6158	38.50	0.30	38.80	56.00	-17.20	QP		
12		4.6158	28.10	0.30	28.40	46.00	-17.60	AVG		

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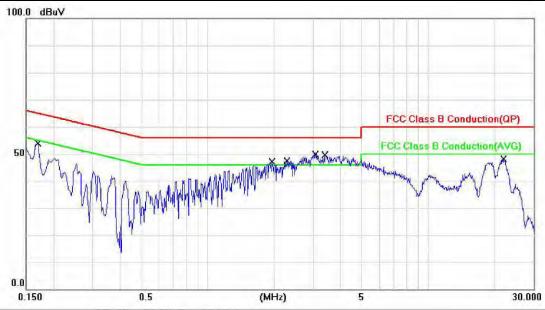


**Issue Date: Apr. 28, 2014** 



: 32 of 155 Page

Operation Mode:	Config 3 : Play Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	L1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dВ	Detector	Comment
1		0.1675	47.90	0.16	48.06	65.08	-17.02	QP	
2		0.1675	35.50	0.16	35,66	55.08	-19.42	AVG	
3		1.9508	42.60	0.20	42.80	56.00	-13.20	QP	
4		1.9508	27.90	0.20	28.10	46.00	-17.90	AVG	
5		2.2783	43.00	0.20	43.20	56.00	-12.80	QP	
6		2.2783	28.00	0.20	28.20	46.00	-17.80	AVG	
7		3.0798	44.00	0.23	44.23	56.00	-11.77	QP	
8	500	3.0798	32.10	0.23	32.33	46.00	-13.67	AVG	
9	*	3.4156	45.00	0.23	45.23	56.00	-10.77	QP	
10		3.4156	33.60	0.23	33.83	46.00	-12.17	AVG	
11		21.8660	37.00	0.42	37.42	60.00	-22.58	QP	
12		21.8660	26.10	0.42	26.52	50.00	-23,48	AVG	

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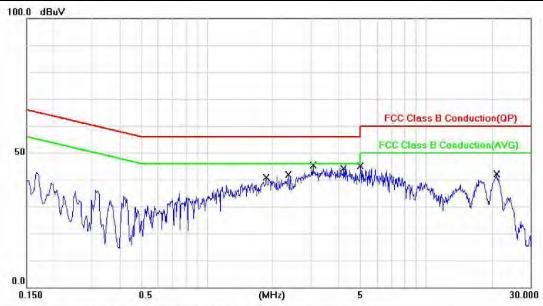


**Issue Date: Apr. 28, 2014** 

: 33 of 155 Page



Operation Mode:	Config 3 : Play Recording	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment	
1		1.8660	37.10	0.23	37.33	56.00	-18.67	QP		
2		1.8660	24.80	0.23	25.03	46.00	-20.97	AVG		
3		2.3560	37.10	0.24	37.34	56.00	-18.66	QP		
4		2.3560	25.50	0.24	25.74	46.00	-20.26	AVG		
5	*	3.0510	40.30	0.27	40.57	56.00	-15.43	QP		
6		3.0510	28.60	0.27	28.87	46.00	-17.13	AVG		
7		4.1690	39.40	0.29	39.69	56.00	-16.31	QP		
8		4.1690	28.60	0.29	28.89	46.00	-17.11	AVG		
9		4.9740	36.70	0.30	37.00	56.00	-19.00	QP		
10		4.9740	27.40	0.30	27.70	46.00	-18.30	AVG		
11		20.9620	34.70	0.53	35.23	60.00	-24.77	QP		
12		20.9620	25.40	0.53	25.93	50.00	-24.07	AVG		

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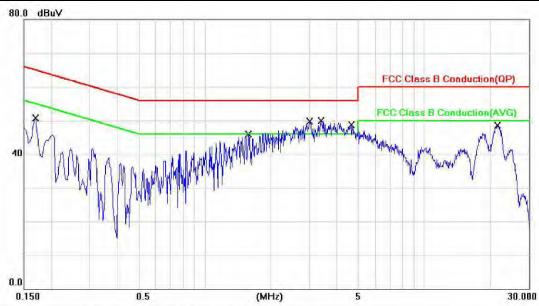


**Issue Date:** Apr. 28, 2014

Page : 34 of 155



Operation Mode:	Config 3: MP3	Test Date:	Jan. 31, 2014
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	1	0.1700	43.60	0.16	43.76	64.96	-21.20	QP	
2		0.1700	31.60	0.16	31.76	54.96	-23.20	AVG	
3		1.5900	41.90	0.19	42.09	56.00	-13.91	QP	
4		1.5900	28.30	0.19	28.49	46.00	-17.51	AVG	
5	*	3.0220	43.80	0.23	44.03	56.00	-11.97	QP	
6		3.0220	32.20	0.23	32.43	46.00	-13.57	AVG	
7		3.3820	43.30	0.23	43.53	56.00	-12,47	QP	
8		3.3820	31.80	0.23	32.03	46.00	-13.97	AVG	
9		4.6620	41.30	0.25	41.55	56.00	-14.45	QP	
10		4.6620	31.80	0.25	32.05	46.00	-13.95	AVG	
11		21,6700	41.30	0.42	41.72	60.00	-18,28	QP	
12		21.6700	30.10	0.42	30.52	50.00	-19.48	AVG	

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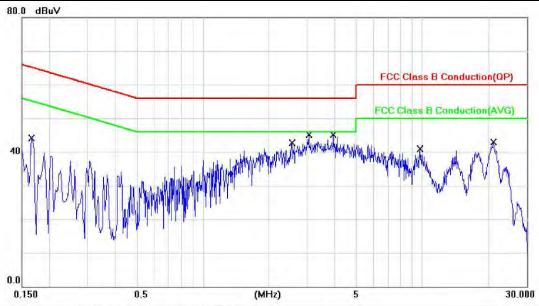


**Issue Date: Apr. 28, 2014** 

Page : 35 of 155



Operation Mode:	Config 3: MP3	Test Date:	Jan. 31, 2014
Tested By:	Eddy Cheng	Pol.:	N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dВ	dBuV	dBuV	dВ	Detector	Comment
1		0.1660	42.20	0.18	42.38	65.16	-22.78	QP	
2		0.1660	31.60	0.18	31.78	55.16	-23.38	AVG	
3		2.5580	37.30	0.24	37.54	56.00	-18.46	QP	
4		2.5580	25.50	0.24	25.74	46.00	-20.26	AVG	
5	*	3.0460	39.30	0.27	39.57	56.00	-16.43	QP	
6		3.0460	27.90	0.27	28.17	46.00	-17.83	AVG	
7		3.9540	36.80	0.29	37.09	56.00	-18.91	QP	
8		3.9540	28.20	0.29	28.49	46.00	-17.51	AVG	
9		9.7740	31.40	0.41	31.81	60.00	-28.19	QP	
10		9.7740	24.50	0.41	24.91	50.00	-25.09	AVG	
11		21.2460	35.40	0.54	35.94	60.00	-24.06	QP	
12		21.2460	25.90	0.54	26.44	50.00	-23.56	AVG	

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: 36 of 155 Page



#### 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 27, 2013	May 26, 2014					
Broadband Antenna	SCHWAZBECK	VULB9168	VULB9168-298	Nov. 14, 2013	Nov. 13, 2014					
Pre-Amplifier	HP	8447D	1937A02774	Nov. 26, 2013	Nov. 25, 2014					
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	N/A	Nov. 26, 2013	Nov. 25, 2014					
Antenna Master	MF.	N/A	N/A	N.C.R.	N.C.R.					
Turn Table	MF.	N/A	N/A	N.C.R.	N.C.R.					
Controller	MF.	3000	MF780208153	N.C.R.	N.C.R.					
Site NSA	Chamost	96611 Chamber	N/A	Dec. 30, 2013	Dec. 29, 2014					
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.					

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**FCC ID: PY7PM-0731** 

Report No.: EM/2014/10048 **Issue Date: Apr. 28, 2014** 

: 37 of Page 155

### Above 1GHz

		SGS 966 Cha	ımber 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
Horn Antenna	SCHWAZBECK	BBHA 9120D	BBHA9120D309	Dec. 20, 2013	Dec. 19, 2014
Horn Antenna	SCHWAZBECK	BBHA 9170	BBHA9170184	Jan. 23, 2014	Jan. 22, 2015
Pre-Amplifier	HP	8449B	3008A00578	Nov. 26, 2013	Nov. 25, 2014
Pre-Amplifier	EM Electronics Corp.	EM26400	N/A	Jan. 29, 2013	Jan. 28, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104-02	N/A	Nov. 26, 2013	Nov. 25, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	22962/2	Nov. 26, 2013	Nov. 25, 2014
Coaxial Cable	Huber+Suhner	SUCCOFLEX 102	23051/2	Nov. 26, 2013	Nov. 25, 2014
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	96611 Chamber	N/A	Dec. 30, 2013	Dec. 29, 2014
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

### 2.5.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory No.134, Wu Kung Road. Wuku Industrial Zone, Taipei County 248, Taiwan (R.O.C.)

## 2.5.3 Operating Environment

Temperature: 27 degree Humidity: 61 %RH

Atmospheric Pressure: 996 mBar

## 2.5.4 Measurement Uncertainty of Radiated Emission

Expanded uncertainty (k=2) of radiated emission measurement is 3.76dB. (30-1000MHz) Expanded uncertainty (k=2) of radiated emission measurement is 6.30dB. (1-18GHz)

Expanded uncertainty (k=2) of radiated emission measurement is 6.54dB. (18-40GHz)

### 2.5.5 Measurement level calculation

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

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**Issue Date:** Apr. 28, 2014

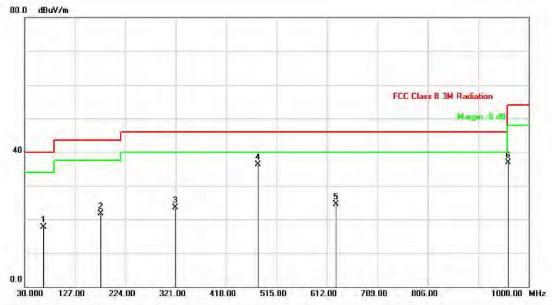
Page : 38 of 155



## 2.5.6 Measurement Data

# **Below 1GHz**

Operation Mode	Config 1 : DATA Link Internal Storage (Write)	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over				
		MHz	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		66.9000	31.33	-13.66	17.67	40.00	-22.33	QP			
2	1 100	177.3300	34.76	-13.02	21.74	43.50	-21.76	QP			
3	, =	320.0700	33.90	-10.47	23.43	46.00	-22.57	QP			
4		479.9960	43.30	-7.09	36.21	46.00	-9.79	QP			
5		629.3600	28.39	-3.86	24.53	46.00	-21.47	QP			
6	*	959.9900	36.07	0.79	36.86	46.00	-9.14	QP			

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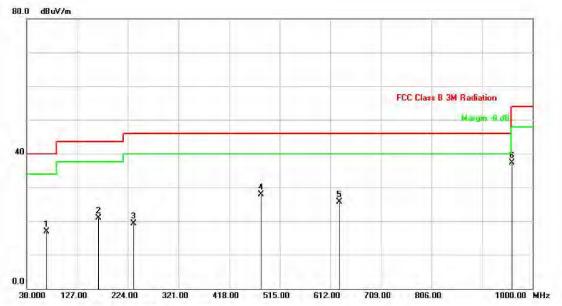
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Page : 39 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		68.5100	30.83	-13.95	16.88	40.00	-23.12	QP	
2		168.2800	32,63	-11.71	20.92	43.50	-22.58	QP	
3		234.8100	32.40	-13.17	19.23	46.00	-26.77	QP	
4		480.0000	35.07	-7.09	27.98	46.00	-18.02	QP	
5		629.5200	29.48	-3.85	25.63	46.00	-20.37	QP	
6	*	959.9920	36.51	0.79	37.30	46.00	-8.70	QP	

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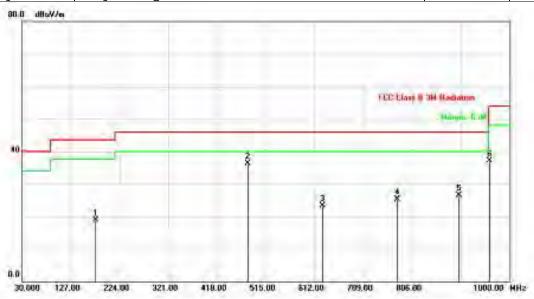


**Issue Date: Apr. 28, 2014** 

: 40 of 155 Page



Operation Mode	Config 1 : Data Link SD Card (Write)	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No,	Mk.	Freq.	Reading Level	Correct Factor	Meastre- mest	Lim it	Ouer			
		MHI	dBuV	d B	d Bu V/m	d BuVim	48	Delector	Comment	
1		1768400	31.76	-12.94	18,82	43.50	-24.68	QP		
2		<b>₹80 D 000</b>	43.41	-7 D9	36,32	46.00	-9.68	QP		
3		628,3800	27.22	-385	23.37	4600	-22.63	QP		
*		777.4200	26.62	-139	25.23	46.00	-20.77	QP		
5		899.8 400	26.11	0.33	26.44	4600	-19.56	QP		
6	9	9599700	36.27	0.79	37.06	4600	-8.94	QP		

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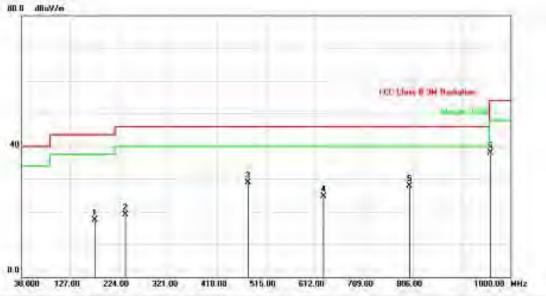
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Page : 41 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Meas re- ment	Lim it	Quer		
		MHI	dBuV	48	dBuV/m	d BuV/m	d.B	Detector	Comment
- 1		1752000	30.27	-12.68	17,59	43.50	-2591	QP	
2		236,5500	32.15	-13.02	19,13	4600	-26.87	QP	
3		4799800	35.99	-7 Д9	28.90	4600	-17.10	QP	
		6292400	28.50	-3.85	24.65	4600	-2135	QP	
5		7 99.7 200	28.46	-0.60	27.86	4600	-18.14	QP	
6	4	9599800	37.30	0.79	38.09	4600	-7.91	QP	

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Page : 42 of 155



Operation Mode	Config 2 : MP3	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over				
		MHz	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		30.2400	29.19	-13.26	15.93	40.00	-24.07	QP			
2	*	83.4600	36,63	-16.62	20.01	40.00	-19.99	QP			
3		131.8200	28.05	-12.51	15.54	43.50	-27.96	QP			
4		415.7200	28.31	-8.44	19.87	46.00	-26.13	QP			
5		505.6200	29.57	-6.87	22.70	46.00	-23.30	QP			
6		598 3900	29 24	-3.72	25.52	46.00	-20 48	OP			

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Page : 43 of 155

1000.00 MHz



30.000

127.00

224 00

321 00

418 00

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	31.9800	39.46	-13.05	26.41	40.00	-13.59	QP	
2		83.1600	36.45	-16.56	19.89	40.00	-20.11	QP	
3		146.7300	26.52	-11.76	14.76	43.50	-28.74	QP	
4		226.7300	28.77	-13.80	14.97	46.00	-31.03	QP	
5		607.9900	30.37	-3.70	26.67	46.00	-19.33	QP	
6	_	690 9200	27.09	-2.35	24.74	46.00	21.26	OP	

515 00

612 00

709.00

806 00

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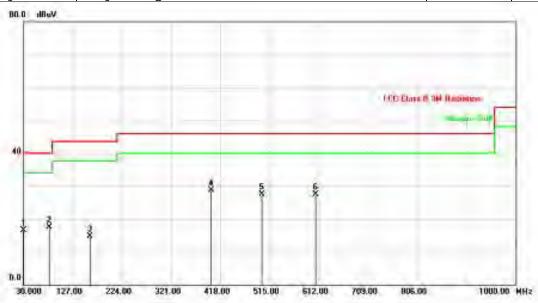
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Page : 44 of 155



Operation Mode	Config 2 : Recording (Front)	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	MK.	Freq.	Reading Level	Correct Factor	Meastre- mest	Limit	Ouer						
		MHI	MHI	MHI	MHI	MHI	dBuV	dB	dBuV	dBuV	dB	Delector	Comment
1		30,0000	29.79	-13.28	16.51	40.00	-23,49	QP					
2		80.5800	33.50	-15.99	17.51	40.00	-22.49	QP					
3		1609200	26.01	-11.23	14.78	43.50	-28,72	QP					
4	•	3999500	37.72	-899	28.73	46.00	-17.27	QP					
5		5000300	34.45	-698	27.47	46.00	-18.53	QP					
6	-	605 6 100	31.20	-368	27.52	46.00	-18 48	0.8					

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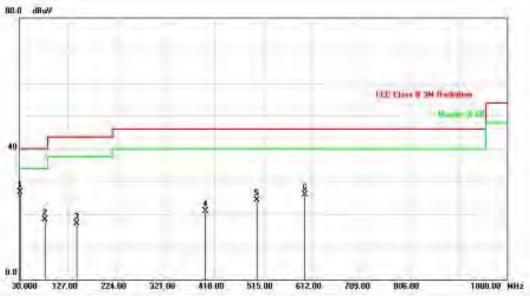
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**Page** : 45 of 155





No.	Uk.	Freq.	Reading Level	Correct Factor	Meastre- mest	Limit	Ошег		
		MHI	dBuV	48	dBuV	#BUV	dB	Detector	Comment
1	*	32 0 200	39.84	-13.05	26.79	40.00	-1321	QP	
2		810400	34.41	-16.09	18.32	40.00	-21.68	QP	
3		1448200	28.85	-11.79	17.06	43.50	-26.44	QP	
4		399.9100	29.84	-899	20.85	4600	-25.15	QP	
5		502.4100	31.22	-694	24.28	4600	-2132	QP	
6		598 4000	29.61	-372	25 89	46.00	-2011	OF	

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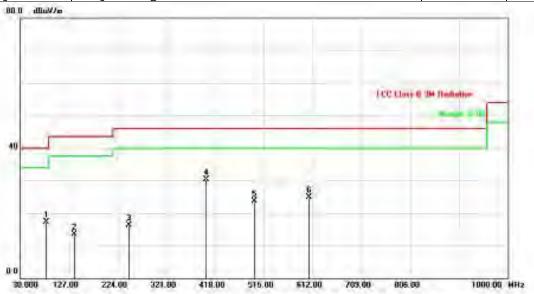


Report No.: EM/2014/10048 Issue Date: Apr. 28, 2014

Page : 46 of 155



Operation Mode	Config 2 : Play Recording	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	uk.	Freq.	Reading Level	Correct Factor	Meastre- mest	Limit	Ouer		
		MHI	dBuV	d B	d BuV/m	rt Buv/m	48	Belector	Comment
1		81.8600	33.59	-16.27	17.32	40.00	-22.68	QP	
2		138,3600	25.49	-12.01	13.48	43.50	-30.02	QP	
3		246.4000	28.90	-12.68	16.22	<b>€</b> 6.00	-29.78	QP	
4		3999500	39.31	-899	30.32	<b>€</b> 6.00	-15.68	QP	
5		4959900	30.76	-7 D 1	23.75	<b>€</b> 6.00	-2225	QP	
6		604.8200	28.58	-3.67	24.91	46.00	-21.09	QP	

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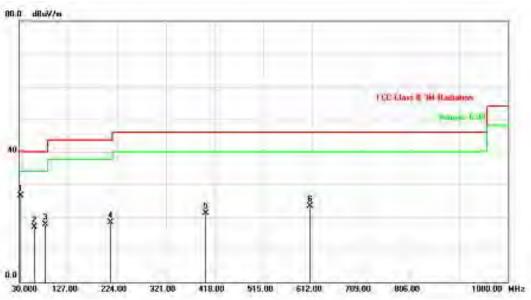
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Page : 47 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Meastre- mest	Lim It	Ouer		
		MHI	dBuV	dB	d Bu V/m	d BuV/m	d B	Delector	Comment
1	*	32.9 400	39.46	-12.95	26.51	4000	-13.49	QΡ	
2		60.9100	29.57	-12,57	17,00	40.00	-2300	QP	
3		82,3900	34.00	-16.39	17,61	40.00	-2239	QP	
		2112100	32.50	-14.22	18.28	43.50	-2522	QP	
5		3999300	30.13	-899	21.14	46.00	-2486	QP	
6		607.9600	27.01	-370	23.31	4600	-22.69	QP	

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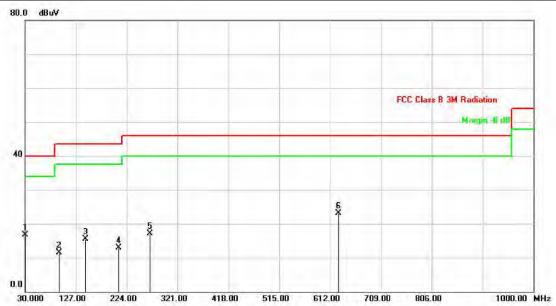
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Page : 48 of 155



Operation Mode	Config 3: MP3	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		31.2800	29.90	-13.13	16.77	40.00	-23.23	QP	
2		95.5300	28,80	-17.37	11.43	43.50	-32,07	QP	
3		145.7000	27.20	-11.78	15.42	43,50	-28.08	QP	
4		209.1700	27.27	-14.27	13.00	43.50	-30.50	QP	
5		268.7800	29.25	-12.17	17.08	46.00	-28.92	QP	
6	*	628 6000	26.88	-3.84	23 04	46.00	-22 96	QP	

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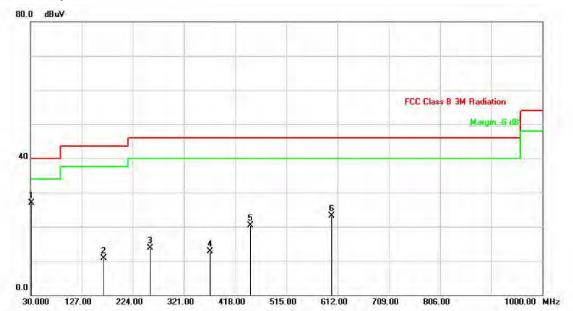
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Page : 49 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment	
1	*	31.4000	40.12	-13.12	27.00	40.00	-13.00	QP		
2		169.6200	22.43	-11.80	10.63	43.50	-32.87	QP		
3		257.4900	26.25	-12.48	13.77	46.00	-32.23	QP		
4		370.9400	22.05	-9.30	12.75	46.00	-33.25	QP		
5		447.5100	27.62	-7.34	20.28	46.00	-25.72	QP		
6	1 7	600.7100	26.76	-3.64	23.12	46.00	-22.88	QP		

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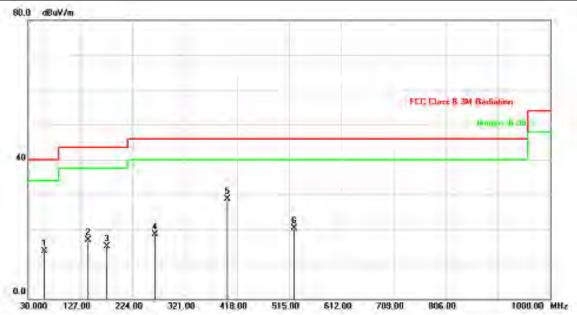


**Issue Date: Apr. 28, 2014** 

: 50 of 155 Page



Operation Mode	Config 3 : Recording (Front)	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	d BuV/m	dBuVm	dB	Delector	Comment
1		80 8 100	26.23	-12.57	13.66	40 00	-26.34	QP	
2		141.4200	28.72	-11,86	16.86	43.50	-26.64	QP	
3		176 9 100	28.09	-12.95	15.14	43.50	-28.36	QP	-
4		265 8100	30.67	-12.26	18.41	46 00	-27.59	QP	
5	*	399,9500	37.69	-8.99	28.70	46 00	-17.30	QP	
6		524.8400	26.84	-6.53	20.31	46.00	-25.69	QP	

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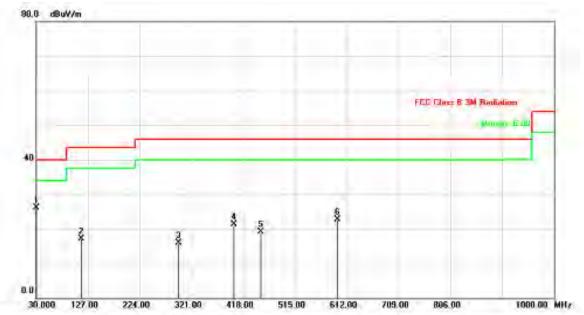
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Page : 51 of 155





No. 1	dk. Fre	q.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	мн	I	dBuV	48	d Bu/V/m	dBuV/m	d B	Delector	Comment
1.8	30.00	300	39.36	-13.28	26 D8	40 00	-13.92	QP	
2	114.33	300	31.81	-14.76	17.05	43.50	-26.45	QP	
3	297.53	200	27.10	-11,17	15.93	46 00	-30.07	QP	
4	399,93	300	30.28	-8.99	21 29	46.00	-24.71	QP	
5	451.34	400	26.32	-7.23	19.09	46.00	-26.91	QP	
6	594.90	000	26.53	-3.88	22.65	46 00	-23.35	QP	

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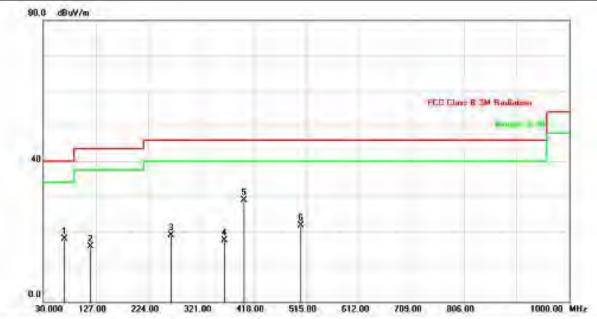


**Issue Date: Apr. 28, 2014** 

Page : 52 of 155



Operation Mode	Config 3 : Play Recording	Test Date	Jan. 22, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	d B	d Buv/m	dBuVm	dB	Delector	Comment
-1		69 2800	31.95	-14.08	17.87	40 00	-22.13	QP	
2		117.6600	30.00	-14:35	15.65	43.50	-27.85	QP	
3		265 5900	31.25	-12.26	18.99	46 DO	-27.01	QP	
4		364.8100	26.84	-9,36	17.48	46 00	-28.52	QP	
5	×	399,9300	37.90	-8.99	28.91	46 00	-17.09	QP	
8		505 5900	28.58	-6.87	21.71	46 00	-24.29	QP	

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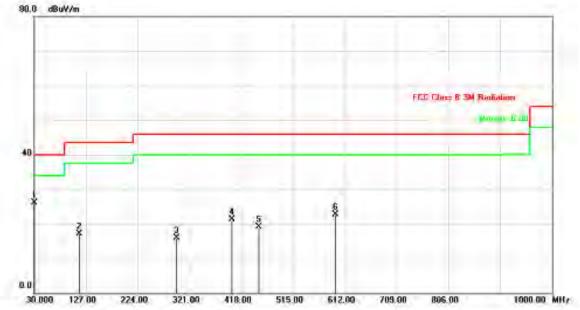
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Page : 53 of 155





No. 1	dk. Fre	q.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	мн	I	dBuV	48	d Bu/V/m	dBuV/m	d B	Delector	Comment
1.8	30.00	300	39.36	-13.28	26 D8	40 00	-13.92	QP	
2	114.33	300	31.81	-14.76	17.05	43.50	-26.45	QP	
3	297.53	200	27.10	-11,17	15.93	46 00	-30.07	QP	
4	399,93	300	30.28	-8.99	21 29	46.00	-24.71	QP	
5	451.34	400	26.32	-7.23	19.09	46.00	-26.91	QP	
6	594.90	000	26.53	-3.88	22.65	46 00	-23.35	QP	

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**Issue Date: Apr. 28, 2014** 

: 54 of 155 Page



# Above 1GHz - 1~18GHz

Operation Mode	Config 1 : DATA Link Internal Storage (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuv	d B	ø Buvim	d Bu Vim	48	Delector	Comment
-1		5386.000	45.90	3.10	49 00	74.00	-25.00	peak	
2		5386,000	32.21	3.10	35.31	5400	-18.69	AVG	
3		7188.000	45.16	8,51	53.67	74.00	-20.33	peak	
4		7188.000	30.88	8.51	39,31	5400	-14.69	AVG	
5		9075.000	44.07	11.54	55.61	7400	-18.39	peak	
6		9075.000	29.74	11.54	41 28	5400	-12.72	AVG	
7	1	10894.000	43.64	17.27	60.91	74.00	-13.09	peak	
8		10894.000	29.09	17.27	46.26	5400	-7.64	AVG	
9	1	12883.000	40,77	19.14	59.91	7400	-14.09	peak	
10		12883.000	27,50	19.14	46.64	5400	-7.36	AVG	
11	10	13818.000	41,09	20.67	61.76	7400	-12.24	peak	-
12	× .	13818.000	28.70	20.67	47.37	5400	-6.63	AV/G	

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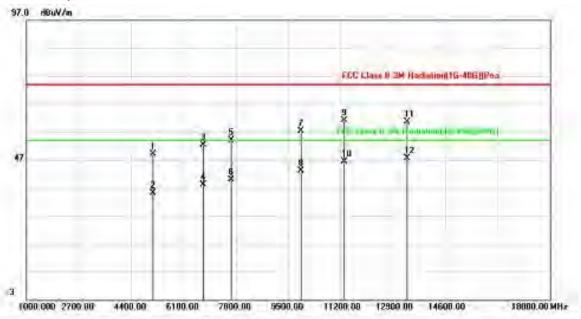
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: 55 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	daw	8.0	d Bull/m	d Bu Wh	8 0	Delector	Comment
1		5114.000	46.27	2.74	49.01	74.00	-24.99	peak	
2		5114.000	32,35	2.74	35.09	54.00	-18.91	AVG	
3		6746.000	45.19	7.14	52,33	7400	-21.67	peak	
4		6746.000	31.11	7.14	38.25	5400	-15.75	AVG	
5		7647.000	44.46	9,57	54.03	74.00	-19.97	peak	
6		7647.000	30.23	9.57	39.80	54.00	-14.20	AVG	
7		9925.000	43.44	13.97	57.41	74.00	-16.59	peak	
8		9925.000	29.26	13.97	43 23	5400	-10.77	AVG	
9		11319,000	42.72	18.32	6104	74.00	-12.96	peak	
10	=	11319.000	27.97	18.32	46 29	5400	-7.71	AVG	
11		13359.000	40.72	19.95	60.67	7400	-13.33	peak	
12	*	13359.000	27.63	19.95	47.58	5400	-6.42	AV/G	

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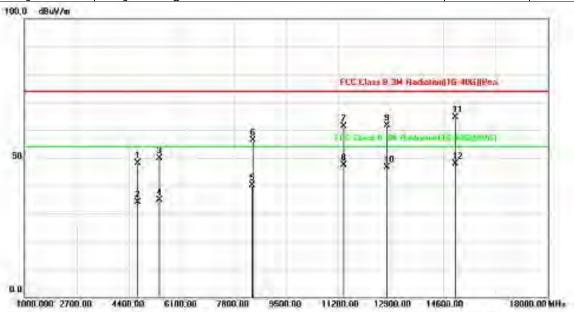
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: 56 of 155 Page



Operation Mode	Config 1 : DATA Link Internal Storage (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	#BUV	dfl	d Buv/m	d Bu Vim	dB	Delector	Comment
1		4689.000	46.33	1.74	48 07	74.00	-25.93	peak	
2		4689.000	32.50	1.74	3424	5400	-19.76	AVG	
3	=	5386,000	46.85	3.10	49.95	7400	-24.05	peak	
4		5386.000	31.80	3.10	34.90	54.00	-19.10	AVG:	
5		8402,010	29,83	10,31	40.14	54.00	-13.86	AVG	
6		8412.000	46.03	10.31	56.34	7400	-17.66	peak	
7		11370.000	42,99	18.40	6139	7400	-12.61	peak	
8	- 7	11379.970	28.85	18.42	47.27	5400	-6.73	AVG	
9		12781.000	42.92	18.68	61.60	74.00	-12.40	peak	
10	_	12781.000	28.04	18.68	46.72	54.00	-7.28	AV/G	
11		14991.000	44.60	19.95	64.55	74.00	-9.45	peak	
12	x .	14991.000	27.91	19.95	47.86	5400	-6.14	AV/G	

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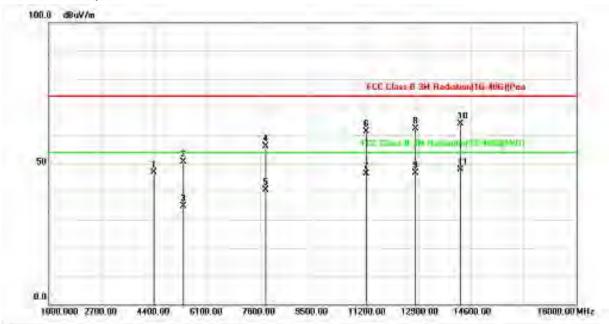
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: 57 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	MBCV	dB	d BuV/m	dBuV/m	48	Delector	Comment
1		4383.000	45.98	0.83	46.81	7400	-27.19	peak	
2		5335,000	47.63	3.03	50.66	7400	-23,34	peak	
3		5335.000	31.94	3.03	34.97	5400	-19.D3	AVG	
4	11-	7987.000	46.00	10.06	56 D6	7400	-17.94	peak	
5	1	7987.000	30.58	10.06	40.64	5400	-13.36	AVG	
6		11234,000	43.32	18.18	61.50	7400	-12.50	peak	
7		11234.000	28.12	18.18	46.30	54.00	-7.70	AVG	
8		12815.000	43.57	18.83	62.40	7400	-11.60	peak	
9	1.7	12815.000	27.84	18.83	46.67	5400	-7.33	AV/G	
10	To de	14277.000	43.14	21.02	64.16	7400	-9.84	peak	
11	5	14277.000	26.95	21.02	47.97	5400	-6 03	AVG	

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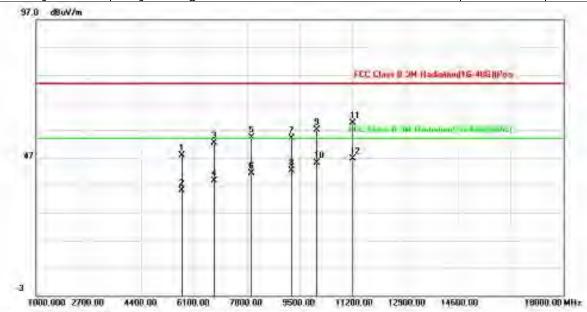
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: 58 of 155 Page



Operation Mode	Config 1 : DATA Link SD Card (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	deuv	48	d BuV/m	d BuWm	48	Delector	Comment
1		5692.000	43.85	4.07	47.92	7400	-26,08	peak	
2	1.	5692,000	31.08	4.07	35.15	5400	-18.85	AVG	
3		6746.000	44.96	7.41	52:37	74.00	-21.63	peak	
4	11	6746.000	31.23	7.41	38.64	54.00	-15.36	AVG	
5		7936.000	44.00	10.41	54.41	7400	-19.59	peak	
6		7936.000	30.93	10.41	41.34	54.00	-12.66	AVG	
7		9245.000	41.89	12.17	54.06	74.00	-19.94	peak	
8		9245.000	30.20	12.17	42.37	5400	-11.63	AVG	
9	- 4	0044.000	41.50	15.74	57:24	74.00	-16.76	peak	
10	-3	0044.000	29.31	15.74	45 05	54.00	-8.95	AVG	
11	-0	1217.000	40.97	18.55	59.52	7400	-14.48	peak	
12 3	* 1	1217.000	28.06	18.55	46.61	5400	-7.39	AVG	

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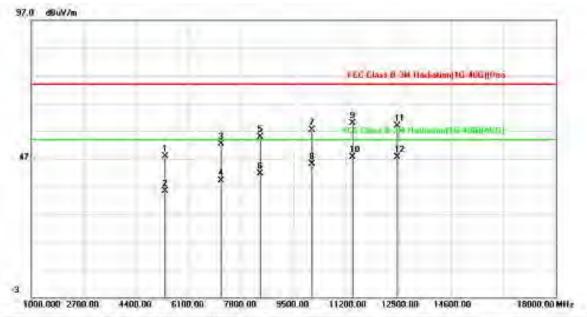
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Page : 59 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	4800	dЯ	d BUV/m	dauVm	48	Detector	Comment
1		5335,000	44.65	3.22	47.87	74.00	-26,13	peak	
2		5335,000	32,07	3.22	35 29	5400	-18,71	AVG	
3		7154.000	43,59	8.70	52.29	7400	-21.71	peak	
4		7154,000	30.52	8.70	39 22	5400	-14.78	AVG	
5		8429,000	44.22	10,75	54.97	74.00	-19,03	peak	
6		8429,000	30.80	10.75	41.55	54.00	-12.45	AVG	
7		10095.000	41.64	15.69	57.33	7400	-16.67	peak	
8		10095.000	29.43	15.69	45.12	54.00	-8.88	AVG	
9	119	11404.000	40.86	18.93	59.79	7400	-14.21	peak	
10	*	11404.000	28.68	18.93	47.61	5400	-6.39	AVG	
11	- 0	12866,000	39.44	19.53	58.97	7400	-15.03	peak	-
12	4.0	12866,000	28.02	19,53	47.55	5400	-6.45	AVG	

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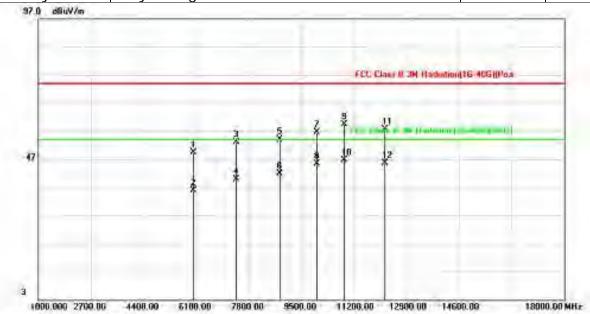
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**Issue Date: Apr. 28, 2014** : 60 of 155 Page



Operation Mode	Config 1 : DATA Link SD Card (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	88 LW	40	d Buym	d BuV/m	d B	Delector	Comment
-1		6015.000	44.22	5.13	49.35	7400	-24.65	peak	
2		6015.000	30.83	5.13	35.98	54.00	-18.04	AVG	
3		7409,000	43.62	9.39	53 D 1	7400	-20.99	peak	
4		7409.000	30.56	9.39	39.95	5400	-14.05	AVG.	
5		8803.000	42,66	11.38	5404	7400	-19.96	peak	-
6		8803.000	30,42	11.38	41.80	5400	-12.20	AVG:	
7	- 1)	10010.000	40.97	15.77	56.74	7400	-17.26	peak	
8		10010.000	29,63	15.77	45 .40	5400	-8.60	AVG	
9	p. I	10894.000	41.77	17.53	59.30	7400	-14.70	peak	
10	*	10894.000	29.19	17.53	46.72	5400	-7.28	AVG.	
11		12203.000	39.96	17.76	57.72	7400	-16.28	peak	
12	16	12203.000	27.78	17.76	45.54	5400	-8.46	AVG	

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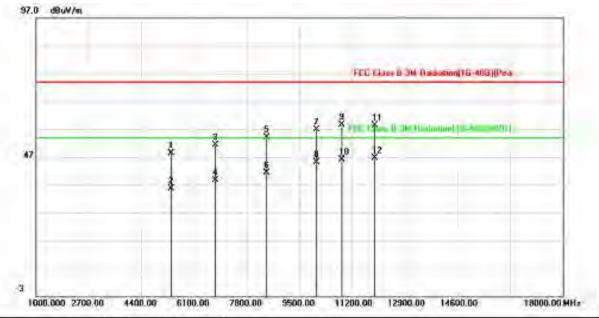
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Page : 61 of 155





No:	Mk.	Freq	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		WHI	dB uV	di	d BuV/m	d Bu V/m	48	Delector	Comment
1		5369.000	45.22	3.27	48.49	7400	-25.51	peak	
2		5369.000	32.47	3.27	35.74	54.00	-18.26	AVG	
3	- 1	6797.000	43.78	7.58	51.36	7400	-22.64	peak	
4	. 11	6797.000	31.08	7.58	38.66	54.00	-15.34	AVG.	
5		8446.000	43.28	10.76	5404	74.00	-19.96	peak	
6	10,00	8446.000	30.64	10.76	41,40	54.00	-12.60	AVG	
7		0044.000	41.20	15.74	56.94	74.00	-17.06	peak	
8	- 1	0044.000	29.28	15.74	45 02	54.00	-8.98	AVG	
9	- 1	0877.000	41.13	17.43	58.56	74.00	-15.44	peak	
10		0877.000	28.72	17.43	46.15	54.00	-7.85	AVG	
11	- 0	1931.000	40.48	17.97	58 45	74.00	-15.55	peak	
12		1931,000	28.75	17.97	46.72	54.00	-7.28	AVG	

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: 62 of 155 Page



Operation Mode	Config 2 : MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHZ	4BUV	48	d BUV/m	d Bu V/m	dB	Delector	Comment
1	100	6032.000	43,59	5.17	48.76	7400	-25.24	peak	
2	1	6032.000	31.10	5.17	36.27	5400	+17.73	AVG	
3		7273.000	42.92	9.02	51.94	74.00	-22.08	peak	
4		7273.000	30.80	9.02	39.82	5400	-14.18	AVG	
5		7936.000	43,34	10.41	53.75	7400	-20.25	peak	
6.		7936.000	31.40	10.41	41.81	5400	-12.19	AVG	
7		9126.000	41.94	11.97	53.91	74.00	-20.09	peak	
8		9126.000	30.13	11.97	42.10	54.00	-11.90	AVG	
9	1 11	10418.000	41.91	15.39	57.30	7400	-16.70	peak	
10		10418.000	29.61	15.39	45 00	54.00	-9.00	AVG	
11	1 - 6	10911.000	41.52	17.63	59.15	74.00	-14.85	peak	
12	×	10911.000	28,99	17.63	46.62	5400	-7.38	AV/G	

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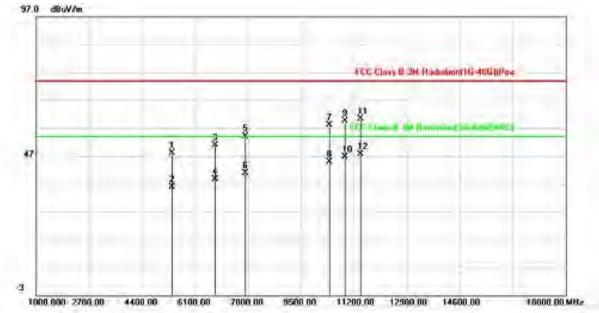
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: 63 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	dBuV	d B	d BUV/m	d Bu V/m	48	Delector	Comment
1		5369,000	44.94	3.27	48.21	7400	-25,79	peak	
2		5369,000	32.69	3.27	35.96	5400	-18.04	AVG	
3		6746.000	43.57	7.41	50.98	7400	-23.02	peak	
4		6746,000	31.31	7.41	38.72	54.00	-15.28	AVG	
5		7715.000	44.08	10.02	54.08	74.00	-19.92	peak	
6		7715.000	30.93	10.02	40.95	54.00	-13.05	AVG.	
7	12	10418.000	42.65	15,39	58 04	74.00	-15,96	peak	
8	110	10418.000	29.60	15,39	44.99	5400	-9.01	AVG-	
9	- 1	10911.000	41.94	17.63	59.57	7400	-14.43	peak	
10		10911.000	28.98	17.63	46.61	54.00	-7.39	AV/G	
11	. 0	11404.000	41.41	18,93	60.34	74.00	-13.66	peak	
12 °		11404.000	28.70	18.93	47.63	5400	-8.37	AVG.	

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Page : 64 of 155



Operation Mode	Config 2 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	q B r/V	dH	d BuV/m	d Bu Vim	0.0	Delector	Comment
1		6253,000	44.39	5.83	50 22	7400	-23.78	peak	
2	11	6253,000	31.23	5.83	37.06	5400	-16.94	AVG	
3	111	7630.000	43.44	9.87	53.31	7400	-20.69	peak	
4	1.1	7630.000	30,38	9.87	40 25	5400	-13.75	AVG	
5	11,	8718,000	42.01	11.21	53.22	7400	-20.78	peak	
6	101	8718.000	30.29	11.21	41.50	5400	-12,50	AVG	
7	1	9942.000	41:37	15.41	56.78	7400	-17.22	peak	
8		9942,000	29.39	15.41	44.80	5400	-9.20	AVG	
9	La C	11166.000	41.21	18.46	59.67	7400	-14.33	peak	
10	115	11166.000	28.24	18.46	46.70	5400	-7.30	AVG	
11		12815.000	40.02	19.27	59 29	7400	-14.71	peak	
12	×	12815.000	28.16	19.27	47.43	5400	-6.57	AVG	

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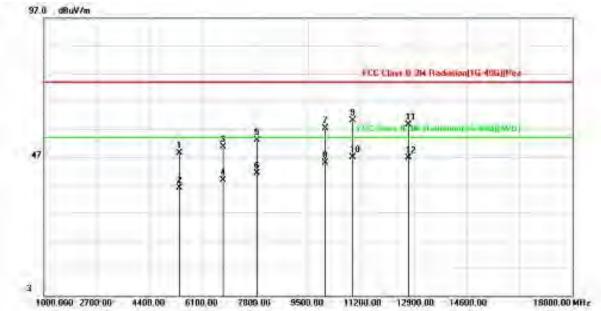
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: 65 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	<b>BUV</b>	dH	d BuV m	dBuV/m	0.0	Delector	Comment
1		5352,000	45.24	3.24	48.48	7400	-25.52	peak	
2		5352.000	32.65	3.24	35 89	5400	-18.11	AVG	
3		6763.000	43.12	7.47	50.59	7400	-23.41	peak	
4	11	8763.000	31.17	7.47	38.64	5400	-15.36	AV/G	
5		7851.000	42.94	10.26	53 20	7400	-20.80	peak	
8	114	7851.000	30.82	10.26	41 08	5400	-12,92	AVG	
7	- 7	000.1800	41.54	15.73	57.27	74.00	-16.73	peak	
8	- 5	000.1800	29.05	15.73	44.78	5400	-9 22	AVG	
9	4	10945.000	42.40	17.81	60.21	7400	-13.79	peak	
10	x (	0945.000	29.12	17.81	46.93	5400	-7.07	AV/G	
11	- 3	2730.000	39.89	18.85	58.74	7400	-15.26	peak	
12		2730.000	27.79	18.85	46.64	5400	-7.36	AVG	

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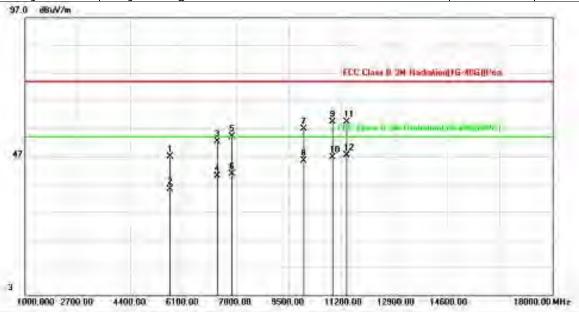


Issue Date: Apr. 28, 2014

Page : 66 of 155



Operation Mode	Config 2 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	88 cm	48	d BuV/m	#8uV/m	Вb	Delector	Comment
1		5675,000	42.86	4.01	46.87	74.00	-27.13	peak	
2	-	5675.000	31.22	4.01	35.23	54.00	-18.77	AVG	
3	1.7	7205.000	43,46	8.84	52.30	74.00	-21.70	peak	
4		7205.000	31.08	8.84	39.92	54.00	-14.08	AVG	
5		7681.000	44,13	9.96	54 09	74.00	-19.91	peak	
8		7.681.000	30.65	9.96	40.61	5400	-13.39	AVG	
7		9976.000	41,22	15.63	56.85	7400	-17.15	peak	
8		9976,000	29.64	15.63	45 27	54.00	-8.73	AVG	
9	- 1	0911.000	41.80	17.63	59.43	74.00	-14.57	peak	
10	- 1	0911.000	28.99	17.63	46.62	54.00	-7.38	AVG	
11	- 1	1370.000	40,51	18.86	59.37	74.00	-14.63	peak	
12 3		1370.000	28.43	18.86	47.29	54.00	-6.71	AVG	

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Page : 67 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	MARK	48	d BuV/m	d BuWm	98	Delector	Comment
1		6049.000	42.66	5.23	47.89	74.00	-26.11	peak	
2	- 11	6049.000	30.83	5.23	36.06	5400	-17.94	AVG	
3		7120.000	43.09	8.61	51.70	74.00	-22.30	peak	
4		7120.000	30,58	8.61	39.19	54.00	-14.81	AVG	
5.		7885.000	43.84	10.32	54.16	7400	-19.84	peak	
6		7885.000	31.07	10.32	41.39	54.00	-12.61	AVG	
7	b 1 1	9245.000	42.32	12.17	54.49	7400	-19.51	peak	
8		9245.000	30.21	12.17	42.38	5400	-11.62	AVG	
9		10435.000	42.31	15.36	57.87	74.00	-16.33	peak	
10	- 3	10435.000	29.27	15:36	44.63	54.00	-9.37	AVG	
11	1	11421.000	40.66	18.95	59.61	7400	-14.39	peak	
12	*	11421.000	28.29	18.95	47 24	54.00	-6.76	AVG	

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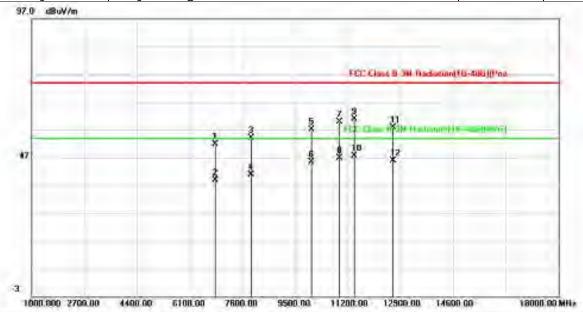


Issue Date: Apr. 28, 2014

Page : 68 of 155



Operation Mode	Config 2 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	BBOV	пH	d BuV/m	dBuV/m	dB	Delector	Comment
1		6933,000	43,87	8.05	51.92	7400	-22.08	peak	
2	. 11	6933,000	30.94	8.05	38.99	5400	-15.01	AVG	
3		000,6808	43.51	10.58	5409	7400	-19.91	peak	
4		8089.000	30.40	10.58	40.98	54.00	-13.02	AVG.	
5	- 1	0027.000	41.34	15.75	57 09	7400	-16.91	peak	
6	1	0027.000	29.58	15.75	45,33	54.00	-8.67	AVG	
7	- 1	0928.000	42,22	17.71	59.93	74.00	-14.07	peak	
8	- 3	0.928.000	29.18	17.71	46.89	54.00	-7.11	AVG	
9	1	1404.000	41.83	18.93	60.76	7400	-13.24	peak	
10	× 1	1404.000	28.70	18.93	47.63	54.00	-6.37	AVG	
11	- 3	2662.000	39.26	18.53	57.79	74.00	-16.21	peak	
12	- 1	2662.000	27.38	18.53	45.91	5400	-8 09	AV/G	

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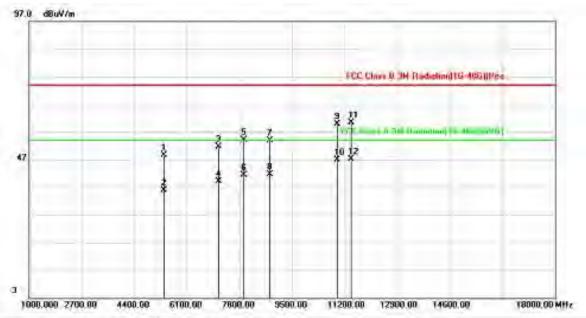
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Page : 69 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	dBuv	dВ	d BuV/m	d Bu V/m	d8	Delector	Comment
1		5352,000	45.40	3.24	48.64	7400	-25.36	peak	
2		5352.000	32.76	3.24	36 DD	5400	-18.00	AVG	
3		7137,000	43.06	8.65	51.71	7400	-22.29	peak	
4		7137.000	30.52	8.65	39.17	5400	-14.83	AVG	
5		7936.000	43.64	10.41	54.05	7400	-19.95	peak	
6		7936,000	31.02	10.41	41.43	5400	-12.57	AVG	
7	-	8786.000	42.57	11.34	53.91	74.00	-20.09	peak	
.8		8786.000	30.29	11.34	41.63	5400	-12.37	AVG	
8	- 3	10962.000	42.08	17.92	59.98	7400	-14.02	peak	
10	- 4	10962.000	28.98	17.92	46.90	5400	-7.10	AVG	
11	7	11421.000	41.32	18,95	60 27	7400	-13.73	peak	
12	*	11421.000	28.30	18.95	47.25	54.00	-6.75	AV/G	

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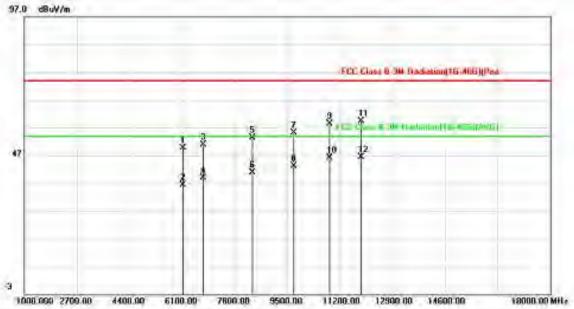
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Page : 70 of 155



Operation Mode	Config 3: MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Mk.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuv	ri B	ø Buvim	d Bu Vim	48	Delector	Comment		
1		6134.000	44.27	5.47	49.74	7400	-24.26	peak			
2		6134.000	30.80	5,47	36.27	5400	-17.73	AVG			
3		6780.000	43.41	7.52	50.93	7400	-23.07	peak			
4		6780.000	31,30	7.52	38.82	5400	-15.18	AVG	=		
5		8378.000	42.71	10.72	53,43	7400	-20.57	peak			
8		8378.000	30.24	10.72	40.96	54.00	-13.04	AVG			
7		9704.000	41.14	13.91	55 D 5	74.00	-18.95	peak			
8		9704.000	29.13	13.91	43.04	5400	-10.96	AVG			
9		10877.000	40.98	17.43	58.41	7400	-15.59	peak			
10	- 1	10877.000	28.71	17.43	46.14	5400	-7.86	AVG			
11	1	11880.000	41.36	18.10	59.46	7400	-14.54	peak			
12	×	11880.000	28,36	18.10	46.46	5400	-7.54	AV/G			

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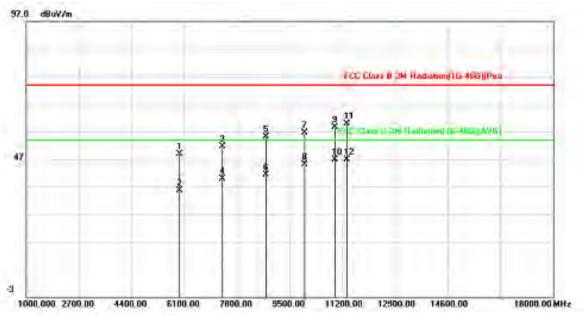
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: 71 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHY	1BUV	dB	d BuV/m	d Bu V/m	d 8	Delector	Comment
-1		5947.000	43.94	4.90	48.84	7400	-25.16	peak	
2		5947.000	30.82	4.90	35.72	5400	-18.28	AVG	
3		7324.000	42.49	9.16	51.65	74.00	-22,35	peak	
4		7324.000	30.80	9.16	39.96	5400	-14.04	AVG	
5		8735.000	43.90	11.24	55,14	7400	-18.86	peak	
б	-	8735.000	30.26	11.24	41.50	54.00	-12.50	AVG	
.7		9976.000	41.00	15.63	56.63	7400	-17.37	peak	
8		9976.000	29.43	15.63	45 D 6	5400	-8.94	AVG	
9	- 3	10962,000	40.63	17.92	58.55	74.00	-15.45	peak	
10		10962.000	28.88	17.92	46.80	5400	-7 20	AVG	
11	- 4	1353.000	41.07	18.83	59.90	7400	-14.10	peak	
12	*	1353,000	28.16	18.83	46.99	5400	-7.01	AVG	

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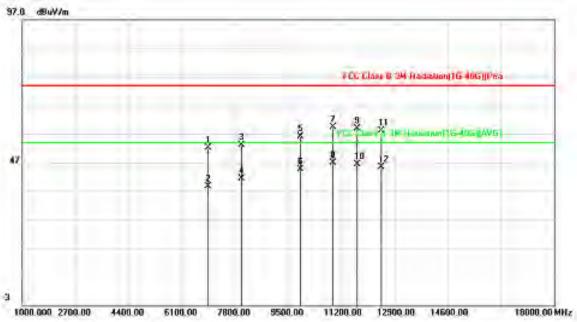
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: 72 of 155 Page



Operation Mode	Config 3 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



Ño.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHZ	dBUV	dB	d BuV/m	dBuVm	dB	Delector	Comment
1		6950.000	43.91	8.11	52 02	7400	-21.98	peak	
2		6950.000	30.53	8.11	38.64	5400	-15.36	AVG-	
3		8021.000	42.69	10.53	53.22	7400	-20.78	peak	
4		8021.000	30.75	10.53	41 28	5400	-12,72	AVG	
5		9891.000	40.99	15.09	56 D8	7400	-17.92	peak	
В	. 6 /	9891.000	29,43	15.09	44.52	54.00	-9.48	AVG	
7	1 (	10928.000	41.79	17.71	59.50	7400	-14.50	peak	
8	×	10928.000	29.14	17.71	46.85	5400	-7:15	AVG	
9		11710.000	40.25	18.55	58.80	7400	-15.20	peak	
10	- 4	11710.000	27.87	18.55	46.42	5400	-7.58	AVG-	
11	- 1	12475.000	40.48	17.73	58.19	7400	-15.81	peak	
12		12475.000	27.75	17.73	45.48	5400	-8.52	AV/G	

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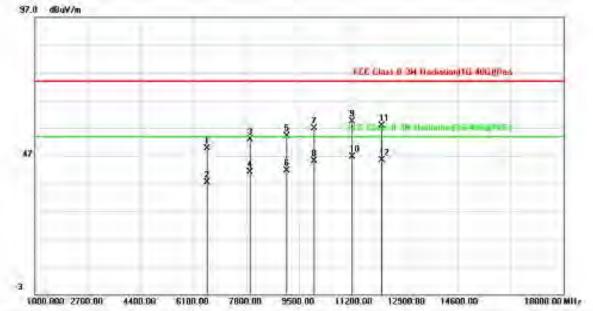
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Page : 73 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHZ	VUBb	48	d Buv/m	dBuV/m	dB	Delector	Comment
1		6542,000	43.03	6.71	49.74	7400	-24,26	peak	
2	7.1.1	6542.000	30.66	6.71	37.37	5400	-16,63	AVG	
3		7919.000	42.63	10.37	53 DD	7400	-21.00	peak	
4		7919.000	30.82	10.37	41.19	54.00	-12,81	AVG-	
5	1.0.1	9109,000	42.14	11,93	54.07	7400	-19,93	peak	
6	144	9109.000	29.70	11.93	41.63	5400	-12,37	AVG.	
7		9976.000	41.16	15.63	56.79	7400	-17.21	peak	
8	1.7	9976,000	29.45	15.63	45 08	54.00	-8.92	AVG	
9	1 - 0	11217.000	40.92	18.55	59.47	7400	-14.53	peak	
10	*	11217.000	28.03	18.55	46.58	5400	-7.42	AVG	
11	- 3	12169,000	40.13	17.76	57.89	7400	-16.11	peak	
12	- 0	12169.000	27.64	17.76	45.40	5400	-8.60	AMG	

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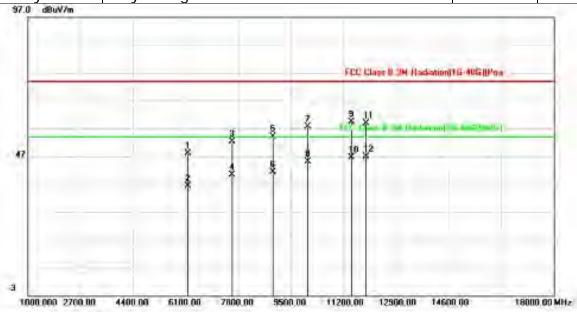
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Page : 74 of 155



Operation Mode	Config 3 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	deuv	dВ	d BuV im	d BuV/m	86	Detector	Comment
1	184	6168.000	42.65	5.57	48 22	7400	-25.78	peak	
2	1	6168.000	30.80	5.57	36.37	5400	-17.63	AVG	
3		7613.000	42.65	9.84	52,49	74.00	-21.51	peak	
4		7613.000	30,52	9.84	40.36	54.00	-13.64	AVG	
5		8922.000	42.59	11.60	54.19	74.00	-19.81	peak	
6		8922.000	29.76	11.60	41.36	54.00	-12.64	AVG	
7	- 3	0044.000	41.85	15.74	57.59	74.00	-16.41	peak	
8		0044.000	29.29	15.74	45.03	54.00	-8.97	AVG	
9	1	1455.000	40.37	19.01	59.38	74.00	-14.62	peak	
10	- 2	1455.000	27.61	19.01	46.62	5400	-7.38	AVG.	
11	11.7	1931.000	40.82	17,97	58.79	7400	-15.21	peak	
12	* 1	1931.000	28,86	17.97	46.83	5400	-7.17	AVG	

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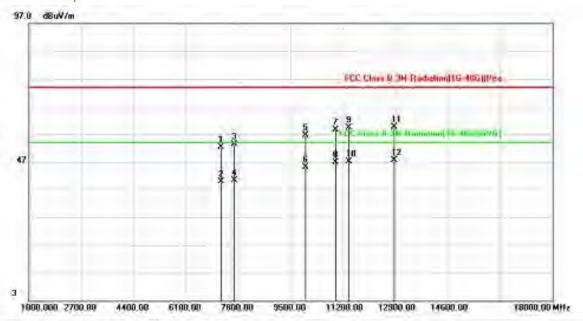
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Page : 75 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	MEUV	dB	d Bullim	d Bu V/m	48	Delector	Comment
1		7239,000	43.49	8.93	52 A2	7400	-21.58	peak	
2		7239.000	30.89	8.93	39.82	5400	-14.18	AVG	
3		7681.000	43.37	9.96	53.33	7400	-20.67	peak	
4		7681.000	30.41	9.96	40.37	5400	-13.63	AVG	
5		9976,000	41,05	15.63	56.68	7400	-17.32	peak	
6		9976,000	29.43	15.63	45 06	5400	-8.94	AVG	
7	-	10962.000	40.69	17.92	58.61	74.00	-15.39	peak	
8		10962.000	28.85	17.92	46.77	5400	-7.23	AVG	
9		11387.000	40.40	18,89	59 29	7400	-14.71	peak	
10	- 1	11387.000	28.34	18.89	47.23	54.00	-6.77	AVG	
11	- 3	12866,000	40.09	19,53	59.62	7400	-14.38	peak	
12	×	12866.000	28.02	19.53	47.55	54.00	-6.45	AVG	

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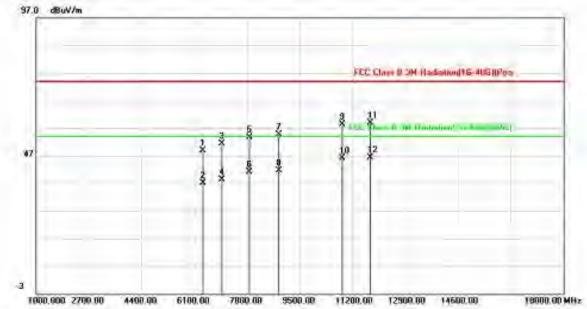
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Page : 76 of 155



Operation Mode	Config 3 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	deuv	48	d BuV/m	d BuWm	98	Delector	Comment
1	117	6389.000	42.88	6.22	48.88	7400	-25.12	peak	
2	1.	6389,000	30.83	6.22	37.05	5400	-16.95	AVG	
3		7001.000	43.04	8.28	51.32	74.00	-22.68	peak	
4		7001.000	30.00	8.28	38 28	54.00	-15.72	AVG	
5		7885.000	43,38	10.32	53.70	7400	-20.30	peak	
6		7885.000	30.84	10.32	41,16	54.00	-12.84	AVG	
7		8820.000	43,19	11.41	54.60	7400	-19.40	peak	
8		8820.000	30.28	11.41	41.69	5400	-12.31	AVG	
9		10877.000	40,96	17.43	58 39	7400	-15.61	peak	
10		10877.000	28,68	17.43	46 .1 1	54.00	-7.89	AVG.	
11		11778.000	40.51	18.36	58.87	7400	-15.13	peak	
12	*	11778,000	28.06	18.36	46.42	54.00	-7.58	AVG	

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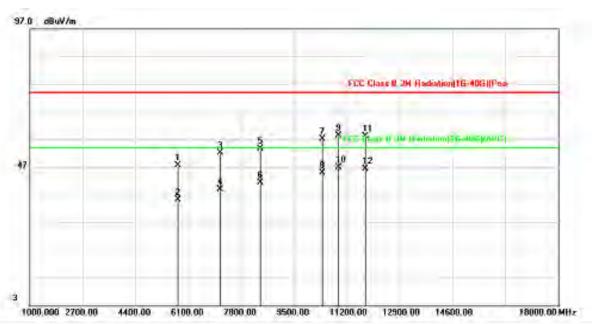
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Page : 77 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	#8 CV	48	d Buym	d Bu V/m	dB	Delector	Comment
1		5760.000	43.36	4.30	47.66	74.00	-26,34	peak	
2		5760.000	30.75	4.30	35.05	54.00	-18.95	AVG	
3		7137.000	43.50	8.65	52.15	7400	-21.85	peak	
4		7137.000	30.32	8.65	38.97	5400	-15.03	AVG	
5	500	8412,000	42.83	10.73	53.56	7400	-20.44	peak	
6		8412.000	39.76	10.73	41.49	54.00	-12,51	AVG	
7	- 1	0418.000	41.77	15.39	57.16	7400	-16.84	peak	
8	- 0	0418.000	29,44	15,39	44.83	54.00	-9.17	AVG	
9	4	0945.000	40.60	17.81	58.41	7400	-15.59	peak	
.10	* 1	0945.000	29.10	17.81	46.91	5400	-7 09	AVG	
11	3	1795.000	39.87	18.33	58 20	74.00	-15.80	peak	
12		1795.000	28.07	18.33	46.40	54.00	-7.60	AVG	

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**Issue Date: Apr. 28, 2014** 

Page : 78 of 155



## 18~26.5GHz

Operation Mode	Config 1 : DATA Link Internal Storage (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over														
		Мнт	MHI	MHI	MHI	MHI	MHI	MHI	MHI	MHI	MHI	MHI	MHI	dBuV	d B	dBuV	dBuV	dB	Delector	Comment	
1	1	8867.000	61.30	-11.95	49.35	83.50	-34.15	peak													
2	2	0346.000	62.42	-12.39	50 D3	83.50	-33.47	peak													
3	2	1451.000	61.45	-11.47	49.98	83.50	-33,52	peak													
4	2	3287.000	64.04	-10.59	53.45	83.50	-30.05	peak													
5	* 2	4749.000	63.79	-9.72	54.07	83.50	-29.43	peak													
в	2	5310.000	61.34	-8.20	53.14	83.50	-30.36	peak													

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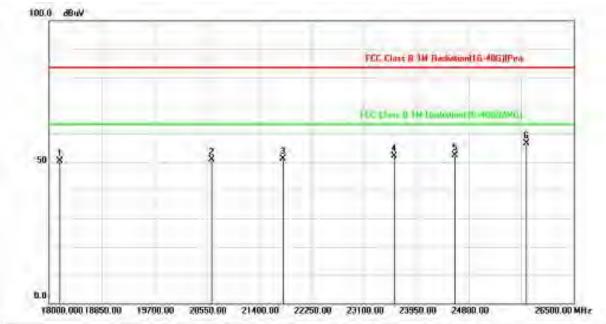
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Page : 79 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	dBuV	dBuV	48	Delector	Comment
1	1	8170.000	63.20	-12.93	50.27	83.50	-33.23	peak	
2	2	0635.000	62.95	-12.02	50.93	83.50	-32.57	peak	
3	2	1791.000	62.41	-11.31	51,10	83.50	-32.40	peak	
4	2	3593.000	62.75	-10.57	52.18	83.50	-31.32	peak	
5	2	4579,000	62.26	-9.86	52.40	83.50	-31.10	peak	
6	× 2	5735,000	64.58	-8.03	56.55	83.50	-26.95	peak	

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Page : 80 of 155



Operation Mode	Config 1 : DATA Link Internal Storage (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuy	di	4847	48 UV	dB	Delector	Comment
-1	1	8357.000	63.56	-12.65	50.91	83.50	-32.59	peak	
2	2	0363,000	62.57	-12.36	50.21	83.50	-33:29	peak	
3	2	1179.000	62.64	-11.62	51 02	83.50	-32.48	peak	
4	2	2131.000	64.24	-11.26	52,98	83.50	-30.52	peak	
5	2	3559.000	64.61	+10.52	54.09	83.50	-29.41	peak	
6	* 2	5718.000	64.18	-7.98	56 20	83.50	-27.30	peak	

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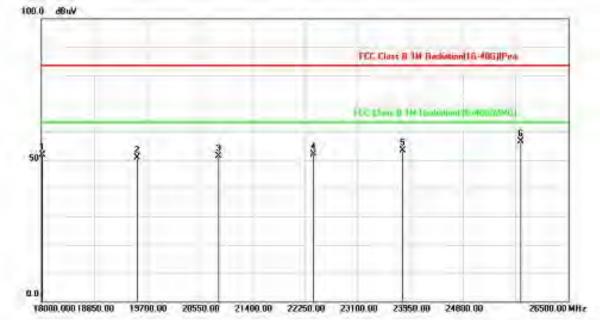
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: 81 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	d B	MBUV	dBuy	dB	Delector	Comment
1	- 1	8017,000	65.16	-13.17	51.99	83.50	-31.51	peak	
2	1	9547.000	62.29	-11.41	50.88	83.50	-32.62	peak	
3	.2	000.8880	63.27	-11.84	51.43	83.50	-32.07	peak	
4	. 2	2386,000	63.37	-11.31	52 06	83.50	-31.44	peak	
5	2	3831.000	64.22	-10.94	53 28	83.50	-30.22	peak	
6	× 2	5735.000	64.58	-8.03	56.55	83.50	-26.95	peak	

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Page : 82 of 155



Operation Mode	Config 1 : DATA Link SD Card (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	ABOV	46	dBuV	dBuV	dB	Delector	Comment
1	1	9394.000	60.72	-11.36	49.36	83.50	-34.14	peak	
2	2	1264.000	62.47	-11,57	50.90	83.50	-32.60	peak	
3	2	3 168,000	63.54	-10.68	52.86	83.50	-30.64	peak	
4	2	4749.000	63.79	-9.72	5407	83.50	-29.43	peak	
5	2	5123.000	63,49	-8.99	54.50	83.50	-29.00	peak	
6	× 2	6313,000	64.78	-9.26	55.52	83.50	-27.98	peak	

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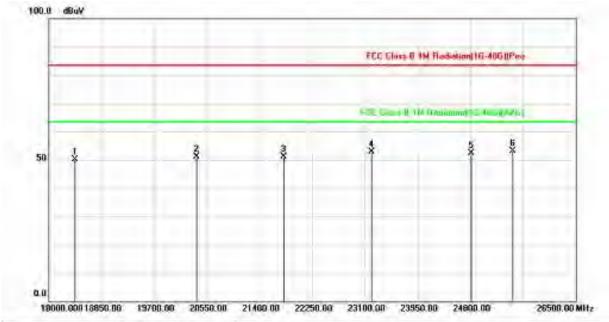
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Page : 83 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	48	48 UV	dBuV	d B	Delector	Comment
1	- 1	8425.000	62.62	-12.55	50.07	83.50	-33.43	peak	
2	- 2	000.0880	63,49	-12.33	51,16	83.50	-32,34	peak	
3	- 2	1791.000	82.41	-11.31	51.10	83.50	-32.40	peak	
4	2	23202.000	63.57	+10.65	52.92	83.50	-30.58	peak	
5	2	24817.000	62.09	-9.67	52.42	83.50	-31.08	peak	
6	* 2	5480.000	60.63	-7.48	53.15	83.50	-30.35	peak	

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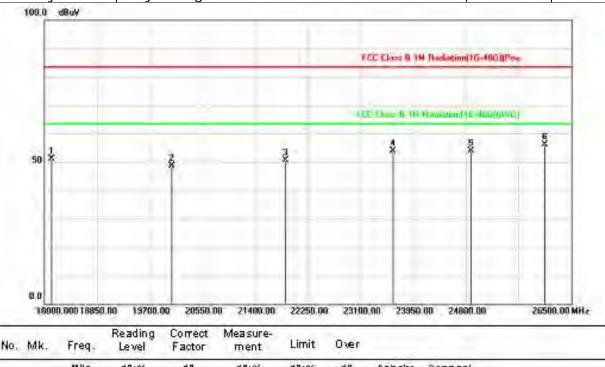


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Page : 84 of 155



Operation Mode	Config 1 : DATA Link SD Card (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	48	VUBb	dBuV.	48	Delector	Comment
-1	- 1	8119.000	64.10	-13.01	51 09	83.50	-32.41	peak	
2	2	0057.000	61.47	-12.91	48.56	83.50	-34.94	peak	
3	2	1893.000	61.78	-11.27	50.51	83.50	-32.99	peak	
4	.2	3627.000	64.49	+10.62	53.87	83.50	-29.63	peak	
5	2	4885.000	63,56	-9.61	53.95	83.5D	-29.55	peak	
6	* 2	6075.000	64.98	-8.87	56.11	83.50	-27.39	peak	

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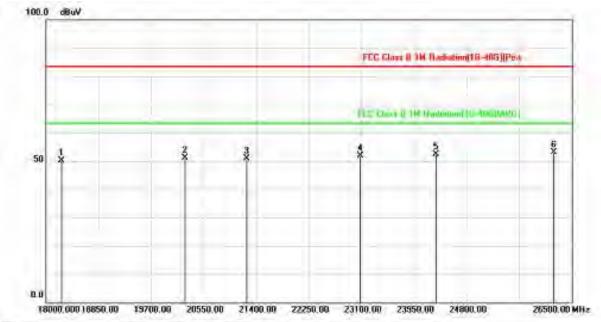
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Page : 85 of 155





No.	Mk.	Freq	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHz	dBuV	d B	dBuV	dBuV	dB	Delector	Comment
1	1 0	8255.000	62.95	-12.81	50.14	83.50	-33,36	peak	
2	14.5	20244.000	63.62	-12.58	51 04	83.50	-32.46	peak	
3	- 4	21247.000	62.43	-11.58	50.85	83.50	-32.65	peak	
4	1.5	000.88082	62.56	-10.74	51.82	83.50	-31.68	peak	
5	- 4	24307.000	62.84	-10.41	52.43	83.50	-31.07	peak	
6	2 1	26211.000	62.30	-9.09	53.21	83.50	-30.29	peak	

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Page : 86 of 155



Operation Mode	Config 2 : MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		мит	dBW	86	48 CW	dBuV	dB	Delector	Comment
1		19479.000	60.29	-11.27	49.02	83.50	-34.48	peak	
2	3	20890.000	61.63	-11.80	49.83	83.50	-33.67	peak	
3	- 3	22488,000	62.49	-11.33	51.16	83.50	-32.34	peak	
4	3	24681.000	63.56	-9.78	53.78	83,50	-29.72	peak	
5	- 1	25021.000	62.74	-9.43	53.31	83.50	-30.19	peak	
6	* 3	26449.000	63.84	-9.48	54.36	83.50	-29.14	peak	

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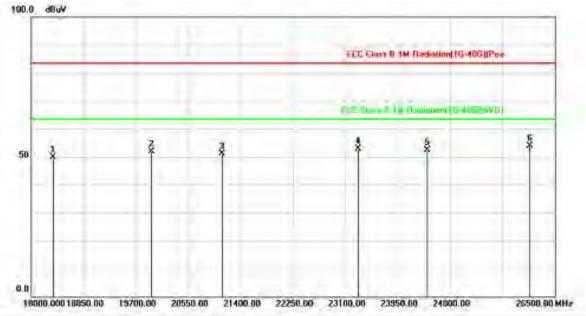
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Page : 87 of 155





No.	Mk.	Freq	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	- :	18357.000	62.50	-12.65	49.85	83.50	-33.65	peak	
2	-	19955.000	64.78	-12,85	51.93	83.50	-31.57	peak	
3	- 1	21094.000	62.85	-11.67	51.18	83.50	-32,32	peak	
4	- 4	2330,4,000	63,53	-10.58	52.95	83.50	-30.55	peak	
5	- 2	24426.000	62.60	-10.11	52.49	83.50	-31.01	peak	
6	× 3	26092.000	62.67	-8.90	53.77	83.50	-29.73	peak	

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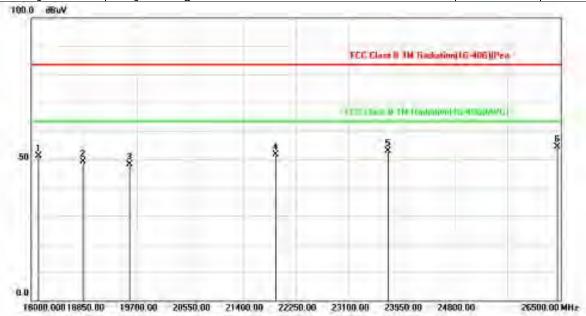
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Page : 88 of 155



Operation Mode	Config 2 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	BEOV	48	dBUV	geuv	dH	Delector	Comment
1	-1	000.0118	64.10	-13,01	51 D9	83.50	-32.41	peak	
2	i d	000.8888	61.18	-12.00	49.18	83.50	-34.32	peak	
3	1	9581.000	59.66	-11.53	48.13	83.50	-35.37	peak	
4	2	1927.000	62.89	-11.26	51.63	83.50	-31.87	peak	
5	- 2	3729.000	63,69	-10.78	52.91	83.50	-30.59	peak	
8	* 2	6449.000	63.84	-9.48	5436	83.50	-29.14	peak	

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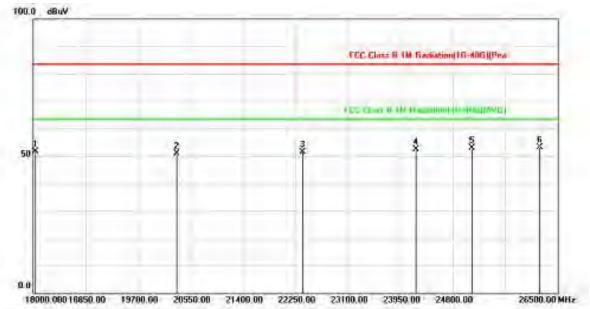
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Page : 89 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	48 UV	48	dBuV	qeuv	dB	Delector	Comment
-1	- 1	8034.000	64.67	-13.14	51.53	83.50	-31.97	peak	
2	2	0329,000	63,39	-12.43	50.96	83.50	-32.54	peak	
3	2	2369,000	62.73	-11.30	51.43	83.50	-32.07	peak	
4	2	4205.000	63.08	-10.68	52.40	83.50	-31.10	peak	
5	2	5 10 6 .00 0	61.91	-9.07	52.84	83.50	-30.66	peak	
6	× 2	6211.000	62.30	-9.09	53.21	83.50	-30.29	peak	

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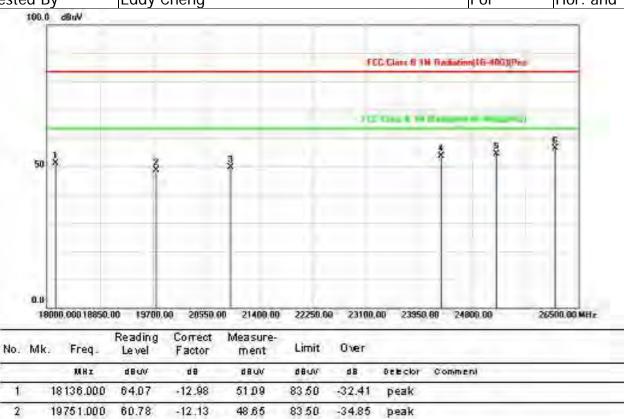


**Issue Date: Apr. 28, 2014** 

Page : 90 of 155



Operation Mode	Config 2 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



MHI	qBuv	48	BBUV	9800	dB.	Debolor	Comment
18136,000	64.07	-12.98	51 D9	83.50	-32.41	peak	
19751.000	60.78	-12.13	48.65	83.50	-34.85	peak	
20941.000	61.32	-11.76	49.56	83.50	-33.94	peak	
24307.000	64.05	-10.41	53.64	83.50	-29.86	peak	
25 19 1.000	63.20	-8.71	54.49	83.50	-29.01	peak	
26126.000	65,35	-8.95	56.40	83.50	-27.10	peak	
	19751.000 20941.000 24307.000 25191.000	18136.000 64.07 19751.000 60.78 20941.000 61.32 24307.000 64.05 25191.000 63.20	18136.000     64.07     -12.98       19751.000     60.78     -12.13       20941.000     61.32     -11.76       24307.000     64.05     -10.41       25191.000     63.20     -8.71	18136,000     64,07     -12,98     51,09       19751,000     60,78     -12,13     48,65       20941,000     61,32     -11,76     49,56       24307,000     64,05     -10,41     53,64       25191,000     63,20     -8,71     54,49	18136.000     64.07     -12.98     51.09     83.50       19751.000     60.78     -12.13     48.65     83.50       20941.000     61.32     -11.76     49.56     83.50       24307.000     64.05     -10.41     53.64     83.50       25191.000     63.20     -8.71     54.49     83.50	18136,000     64,07     -12.98     51.09     83.50     -32.41       19751,000     60.78     -12.13     48.65     83.50     -34.85       20941,000     61.32     -11.76     49.56     83.50     -33.94       24307,000     64.05     -10.41     53.64     83.50     -29.86       25191,000     63.20     -8.71     54.49     83.50     -29.01	18136.000 64.07 -12.98 51.09 83.50 -32.41 peak 19751.000 60.78 -12.13 48.65 83.50 -34.85 peak 20941.000 61.32 -11.76 49.56 83.50 -33.94 peak 24307.000 64.05 -10.41 53.64 83.50 -29.86 peak 25191.000 63.20 -8.71 54.49 83.50 -29.01 peak

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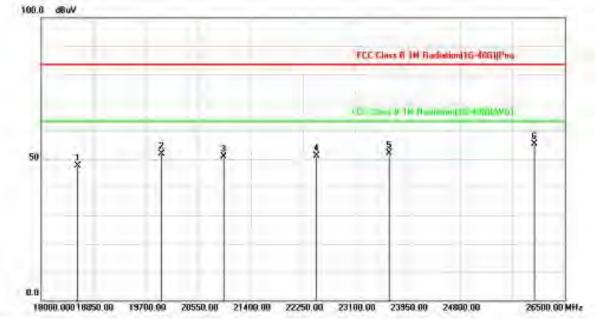
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Page : 91 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	MARK	dBUV	48	Delector	Comment
1	0	8595,000	59.95	-12.31	47.64	83.50	-35.86	peak	
2		9955.000	64.78	-12.85	51.93	83.50	-31.57	peak	
3	- 2	000.8760	62.71	-11.76	50.95	83.50	-32.55	peak	
4	- 2	22471.000	62.49	-11.32	51.17	83.50	-32.33	peak	
5	- 2	3644.000	62.87	-10.65	52.22	83.50	-31.28	peak	
6	8 9	8007.000	8404	.9.75	55.20	83.50	-29.21	dron	

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Page : 92 of 155



Operation Mode	Config 2 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	80	dBuV	dBuV	dB.	Delector	Comment
1	1	8187.000	63.88	-12.91	50.97	83.50	-32.53	peak	
2	1	9309,000	60.93	-11.44	49.49	83.50	-34.01	peak	
3	2	0652.000	61.78	-12,00	49.78	83.50	-33,72	peak	
4	2	1400.000	61.13	-11.50	49.63	83.50	-33.87	peak	
5	2	1825.000	61,37	-11.30	50.07	83.50	-33.43	peak	
6	× 2	5599.000	63.81	-7.66	56.15	83.50	-27.35	peak	

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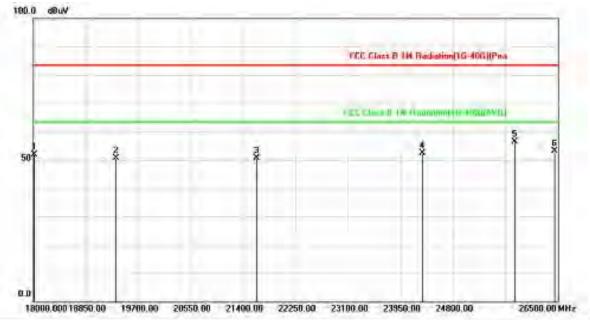
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Page : 93 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	BBW	48	dBuv	MBUV	de	Delector	Comment
1	1	8017.000	65.16	-13.17	51.99	83.50	-31.51	peak	
2	- 1	9343,000	62.02	-11.41	50.61	83.50	-32.89	peak	
3	2	1621.000	62.04	-11.39	50.65	83.50	-32.85	peak	
4	2	4307.000	62.84	-10.41	52.43	83.50	-31.07	peak	
5	× 2	5803.000	64.63	-8.21	56.42	83.50	-27.08	peak	-
6	2	6449.000	62.61	-9.48	53.13	83.50	-30.37	peak	

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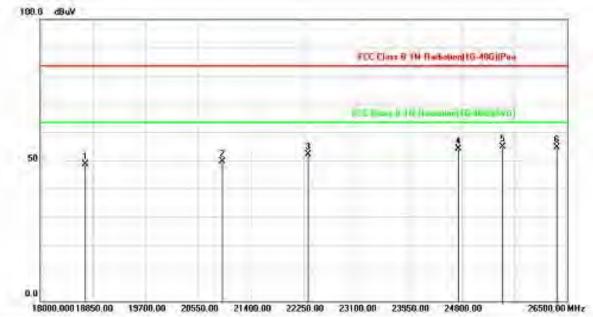
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Page : 94 of 155



Operation Mode	Config 3: MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	48	dBuV	dBuV	dB	Delector	Comment
1	- 1	8731.000	60.76	-12.14	48.62	83.50	-34.88	peak	
2	2	0941.000	61.32	-11.76	49.56	83.50	-33.94	peak	
3	2	2318,000	63.44	-11.29	52.15	83.50	-31.35	peak	
4	2	4749,000	63.79	-9.72	5407	83.50	-29,43	peak	
5	* 2	5463.000	62.40	-7.55	54.85	83.50	-28.65	peak	
6	2	6330.000	63.99	-9.28	54.71	83.50	-28.79	peak	

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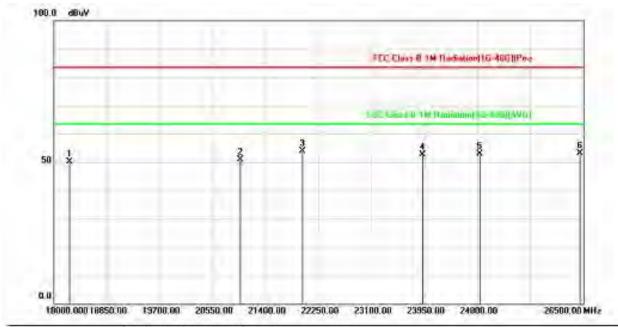
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Page : 95 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	MBUV	dВ	BBUV	dBuV	48	Detector	Comment
1		18255.000	62.95	-12.81	50.14	83.50	-33,36	peak	
2		20992.000	62.67	-11.72	50.95	83.50	-32,55	peak	
3	x .	21995.000	65.12	-11,23	53.89	83.50	-29.61	peak	
4		23916.000	63.69	-11.07	52.62	83.50	-30.88	peak	
5	- 1	24834.000	62,53	-9.65	52.88	83.50	-30.62	peak	
ß	- 5	26 449 000	62.61	-9.48	53 13	83.50	-30.37	neak	

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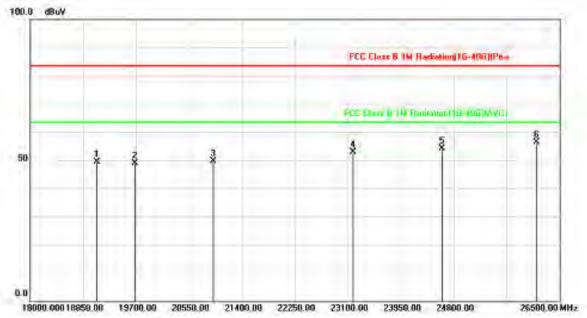


Issue Date: Apr. 28, 2014

Page : 96 of 155



Operation Mode	Config 3 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		МНІ	dBuv	48	BBUV	dBuv	48	Delector	Comment
-1	1	9071.000	60.99	-11.70	49 29	83.50	-34.21	peak	
2		9683.000	60.83	-11.89	48 9 4	83.50	-34.56	peak	
3	. 2	20941.000	61.32	-11.76	49.56	83.50	-33.94	peak	
4	- 7	3185.000	63.60	-10.67	52.93	83.50	-30.57	peak	
5	- 2	24613.000	63.88	-9.83	54.05	83.50	-29.45	peak	
8	× 2	26126.000	65.35	-8.95	56.40	83.50	-27.10	peak	

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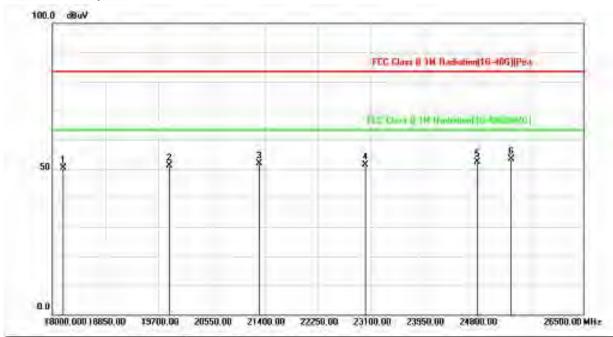
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: 97 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHz	dBuV	d B	dBuv	dBuV	dB	Delector	Comment
1		18170.000	63.20	-12.93	50 27	83.50	-33.23	peak	
2	- 1	19870.000	63.75	-12.55	51.20	83.50	-32.30	peak	
3	- 2	21315.000	63.45	-11.54	51.91	83.50	-31.59	peak	
4	- 12	23015.000	62.24	-10.79	51.45	83.50	-32.05	peak	
5	- 1	4800.000	62.04	-9.68	52.36	83.50	-31.14	peak	
6	× 2	5344,000	61.52	-8.05	53.47	83.50	-30.03	peak	

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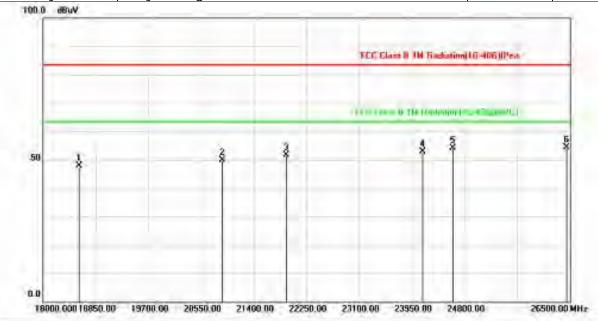
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Page : 98 of 155



Operation Mode	Config 3 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	BBUV	48	MBW	4800	dE	Delector	Comment
-1	7	8578,000	80.10	-12.34	47.76	83.50	-35.74	peak	
2	- 2	000.0080	61.63	-11.80	49.83	83.50	-33.67	peak	
3	2	1927.000	62.89	-11.26	51.63	83.50	-31.87	peak	
4	2	4120.000	63.85	-10.90	52.95	83.50	-30.55	peak	
5	2	4613.000	63.88	-9.83	54.05	83.50	-29.45	peak	
8	* 2	6449.000	63.84	-9.48	54.36	83.50	-29.14	peak	

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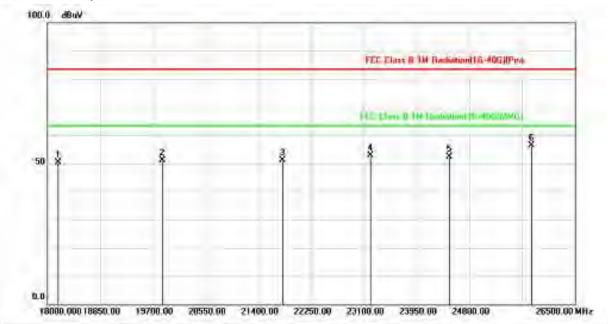
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Page : 99 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	d B	dBuV	dBuy	98	Delector	Comment
1	- 1	8170.000	63.20	-12.93	50.27	83.50	-33.23	peak	
2	- 1	9853.000	63.57	-12.49	51 D8	83.50	-32.42	peak	
3	2	1791.000	62.41	-11.31	51.10	83.50	-32.40	peak	
4	2	3202.000	63.57	-10.65	52.92	83.50	-30.58	peak	
5	2	4477.000	62,46	-9.98	52.48	83.50	-31.02	peak	
6	* 2	5803 000	6463	-8.21	56 42	83.50	-27.08	neak	

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Issue Date: Apr. 28, 2014 Page : 100 of 155



Operation Mode	Config 3 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	4BuV	MBUV	dB	Delector	Comment
1	- 17	000.8888	61.18	-12.00	49.18	83.50	-34.32	peak	
2	- 4	000.0880	61.83	-12.33	49.50	83.50	-34.00	peak	
3	- 5	22675.000	62.66	-11.14	51.52	83.50	-31.98	peak	
4	- 4	4035.000	65.77	-11:11	54.66	83.50	-28.84	peak	
5	- 2	5429.000	62.39	-7.70	54.69	83.50	-28.81	peak	
6	* 3	26126.000	65.35	-8.95	56.40	83.50	-27.10	peak	

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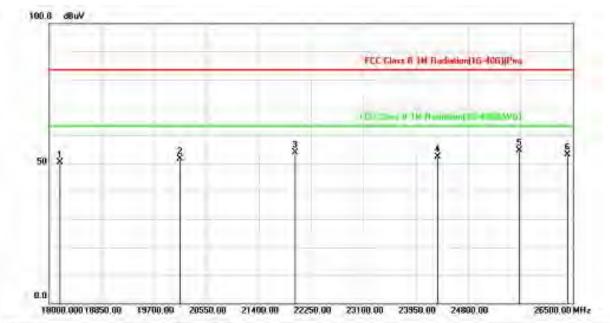
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Page : 101 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	4800	4BUV	d B	Delector	Comment
1		18 170,000	63.20	-12.93	50 27	83.50	-33.23	peak	
2	-0	20125.000	64.36	-12.79	51.57	83.50	-31.93	peak	
3	_	21995,000	65.12	-11.23	53.89	83.50	-29.61	peak	
4		24307.000	62.84	-10.41	52.43	83.50	-31.07	peak	
5	× ;	25633.000	62.30	-7.75	54.55	83.50	-28,95	peak	
6		26415.000	62.52	-9.42	53.10	83.50	-30.40	peak	

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**Issue Date: Apr. 28, 2014** 

: 102 of 155 Page



## 26.5~30GHz

Operation Mode	Config 1 : DATA Link Internal Storage (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	4800	d B	MBUV	4800	48	Delector	Comment
1	- 4	6584.000	64.05	-9.65	54.40	83.50	-29.10	peak	
2		7207.000	63.75	-10.43	53.32	83.50	-30.18	peak	
3	- 2	7767.000	65.19	-11.09	54.10	83.5D	-29.40	peak	
4	- 2	28656.000	62.07	-10.92	51.15	83.50	-32,36	peak	
5	* 2	000.8000	68.13	-12.24	55.89	83.50	-27.61	peak	
6	2	9741.000	66.15	-12.27	53.88	83.50	-29,62	peak	

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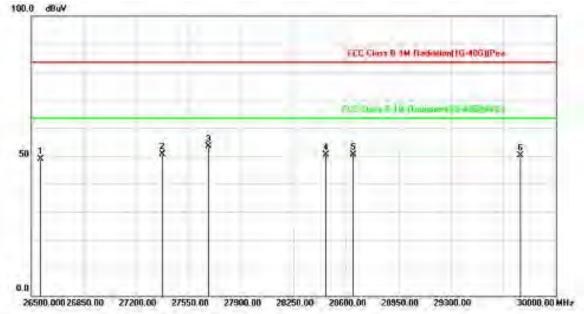
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Page : 103 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHT	dBuV	dB	dBuy	dBuV	d B	Detector	Comment
1	2	8563,000	58.54	-9.63	48.91	83.5D	-34.59	peak	
2	- 2	7375.000	61.36	-10.68	50.68	83.50	-32,82	peak	
3	× 2	7683.000	64,28	-11.02	53.26	83.50	-30.24	peak	
4	2	8467.000	60.70	-10.38	50.32	83.50	-33.18	peak	
5	2	8649.000	61.26	-10.89	50.37	83.50	-33.13	peak	
6	- 2	9762,000	62.39	-12.26	50.13	83.50	-33.37	peak	

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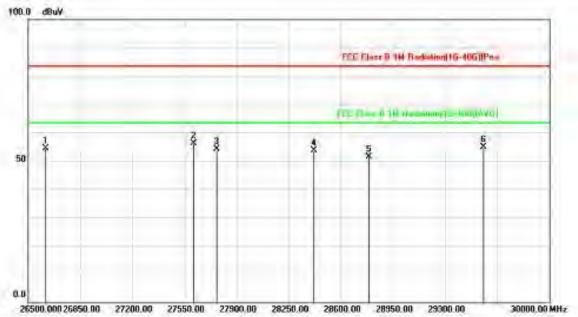


**Issue Date: Apr. 28, 2014** 

: 104 of 155 Page



Operation Mode	Config 1 : DATA Link Internal Storage (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuv	dB	dBuV	dauv	48	Delector	Comment
4	I (	26619.000	64.16	-9.69	54.47	83.50	-29.03	peak	
2	× ;	27613.000	67.07	-10.95	56.12	83.50	-27.38	peak	
3	3	27767.000	65.19	-11.09	54.10	83.50	-29.40	peak	
4	- 13	28418.000	63.99	-10.48	53.51	83.50	-29.99	peak	
5		28789.000	62,90	-11.43	51.47	83.50	-32.03	peak	
8	- 3	29559.000	67.26	-12.27	54.99	83.50	-28.51	peak	

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Page : 105 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	48	dBuV	48 UV	dB	Delector	Comment
1	2	6850.000	59.05	-9.96	49 09	83.50	-34.41	peak	
2	.2	7375.000	61.36	-10.68	50.68	83.50	-32.82	peak	
3	2	7753.000	63.36	-11.08	52.28	83.50	-31.22	peak	
4	2	8642.000	61.36	-10.87	50.49	83.50	-33.01	peak	
5	* 2	9 10 4.000	64.90	-12.25	52.65	83.50	-30.85	peak	
6	2	9538.000	64.43	-12.27	52.16	83.50	-31.34	peak	

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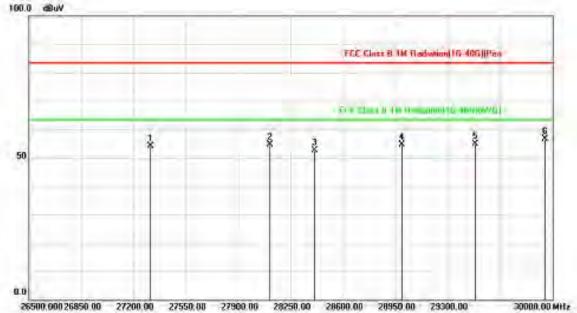


**Issue Date: Apr. 28, 2014** 

Page : 106 of 155



Operation Mode	Config 1 : DATA Link SD Card (Read)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHI	dBUV	48	88 CW	48 UV	48	Detector	Comment	
1	2	7312.000	64.81	-10,58	54.23	83.50	-29.27	peak		
2	2	8110.000	65.66	-11.07	54.59	83.50	-28.91	peak		
3	2	8411.000	63.06	-10.49	52.57	83.50	-30.93	peak		
4	2	8992.000	66.94	-12.21	54.73	83.50	-28.77	peak		
5	2	9482.000	67.16	-12.27	54.89	83.50	-28,61	peak		
6	× 2	9951.000	68.86	-12.26	56.60	83.50	-26.90	peak		

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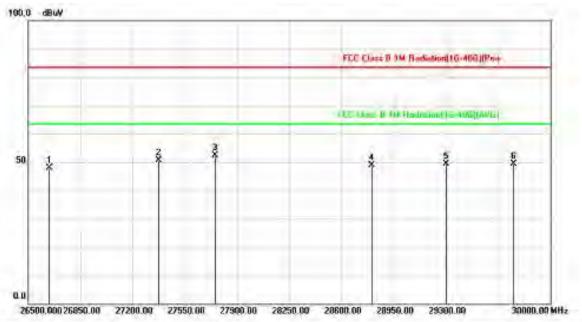
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Page : 107 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	4800	df	dBUV	4800	48	Delector	Comment
-1	-,	26640.000	57.70	-9.72	47.98	83.50	-35.52	peak	
2		27375.000	61.36	-10.68	50.68	83.50	-32.82	peak	
3	* :	27753.000	63.36	-11.08	52 28	83.50	-31.22	peak	
4		000.60882	60.42	-11.48	48 94	83.50	-34.56	peak	
5		000.000	61.69	-12.26	49,43	83.50	-34.07	peak	
6	- 13	29755.000	61.75	-12.27	49.48	83.50	-34.02	peak	

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Report No.: EM/2014/10048 Issue Date: Apr. 28, 2014

Page : 108 of 155



Operation Mode	Config 1 : DATA Link SD Card (Write)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHI	RECOV	H	48 CV	98 UV	48	Delector	Comment	
1	2	6633.000	63.52	-9.71	53.81	83.50	-29.69	peak		
2	2	7515.000	65.37	-10.87	54.50	83.50	-29.00	peak		
3	2	7900.000	67.07	-11.20	55.87	83.50	-27.63	peak		
4	2	8509.000	62.50	-10.35	52.15	83.50	-31.35	peak		
5	* 2	9006.000	68.13	-12.24	55.89	83.5D	-27,61	peak		
6	2	9769.000	66.11	-12.26	53.85	83.50	-29.65	peak		

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Page : 109 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHz	dBuV	48	dBuV	dBuv	dB	Delector	Comment
1	2	6556.000	59.20	-9,63	49.57	83.50	-33.93	peak	
2	.2	7179,000	60,63	-10.40	50.23	83.50	-33.27	peak	
3	- 2	8 19 4.000	61.25	-10.91	50.34	83.50	-33.16	peak	
4	- 2	8607.000	60.99	-10.73	50.26	83.50	-33.24	peak	
5	* 2	9027.000	63.92	-12.24	51.68	83.50	-31.82	peak	
6	- 2	9580.000	63,40	-12.27	51.13	83.50	-32.37	peak	

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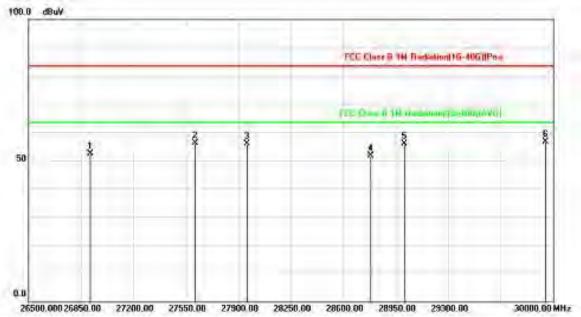


**Issue Date: Apr. 28, 2014** 

Page : 110 of 155



Operation Mode	Config 2 : MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	dBuV	dauv	48	Detector	Comment
4	I ()	26913.000	62.37	-10.03	5234	83.50	-31.16	peak	
2		27613.000	67.07	-10.95	56.12	83.50	-27.38	peak	
3		27956,000	67.10	-11.26	55.84	83.50	-27.66	peak	
4		28782,000	63,10	-11.41	51.69	83.50	-31.81	peak	
5	-	29006.000	68.13	-12.24	55.89	83.50	-27.61	peak	
6	x :	29951.000	68.86	-12.26	56.60	83.50	-26.90	peak	

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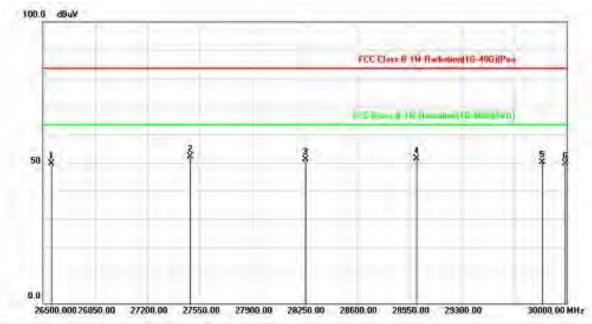
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: 111 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHI	MHI	VUBb	dB	qBuv	dBuV	dB	Delector	Comment
1	2	6556,000	59.20	-9.63	49.57	83.50	-33,93	peak		
2 '	. 2	7487.000	63.01	-10.84	52.17	83.50	-31.33	peak		
3	2	8257.000	61.86	-10.79	51.07	83.50	-32,43	peak	-	
4	2	000,000	63,59	-12.24	51.35	83.50	-32.15	peak		
5	2	9839.000	62.38	-12.26	50,12	83.50	-33.38	peak		
6	- 2	9993.000	61.85	-12.26	49.59	83.50	-33.91	peak		

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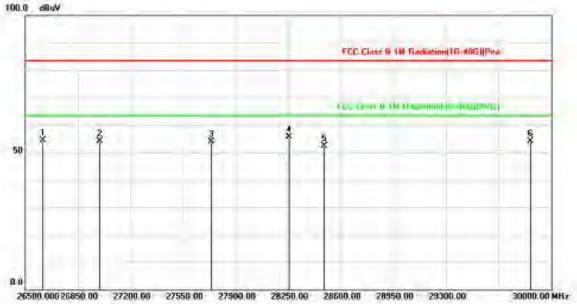


**Issue Date: Apr. 28, 2014** 

Page : 112 of 155



Operation Mode	Config 2 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	48 W	48	dam	88 UV	8.0	Delector	Comment
-1	2	6619.000	64.16	-9.69	54.47	83.50	-29.03	peak	
2	2	6997.000	64.34	-10.12	54.22	83.50	-29.28	peak	
3	2	7739,000	65.05	-11.07	53.98	83.50	-29.52	peak	
4	* 2	8257.000	66.31	-10.79	55.52	83.50	-27.98	peak	
5	2	8488.000	62.68	-10.35	52.33	83.50	-31.17	peak	
6	2	9860 000	66.39	-12.28	54.13	83.50	-29.37	neak	

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Page : 113 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	48 CV	d B	dBuV	dBuV	48	Delector	Comment
1		27004.000	60.58	-10.14	50.44	83.50	-33.06	peak	
2	×	27655.000	65.06	-11.00	5406	83.50	-29.44	peak	
3		28355.000	60.49	-10.60	49.89	83.50	-33,61	peak	
4	- 6	28747.000	61.01	-11.27	49.74	83.50	-33.76	peak	
5	-3	29062.000	64.35	-12.24	52.11	83.50	-31.39	peak	
8	- 3	29678.000	63.70	-12.27	51.43	83.50	-32.07	peak	

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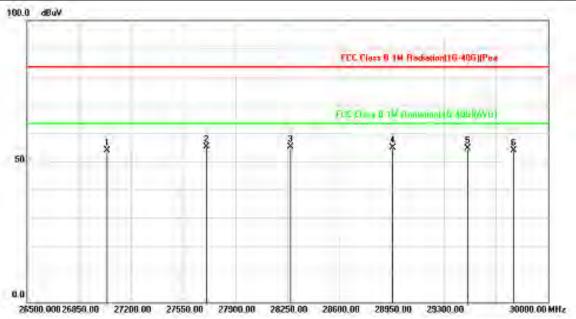


**Issue Date: Apr. 28, 2014** 

Page : 114 of 155



Operation Mode	Config 2 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	dBuV	dB	dBuV	BBUV	dB	Delector	Comment
-1	- 1	27039.000	64.01	-10.19	53.82	83.50	-29.68	peak	
2	- ;	27704.000	66.20	-11.04	55.16	83.50	-28.34	peak	
3	× '	28271.000	66.00	-10.76	55 24	83.50	-28.26	peak	
4		28957.000	66,91	-12.07	54.84	83.50	-28.66	peak	
5		29461.000	67.00	-12.26	5474	83.50	-28.76	peak	
6	- 3	29769.000	66.11	-12.26	53.85	83.50	-29.65	peak	

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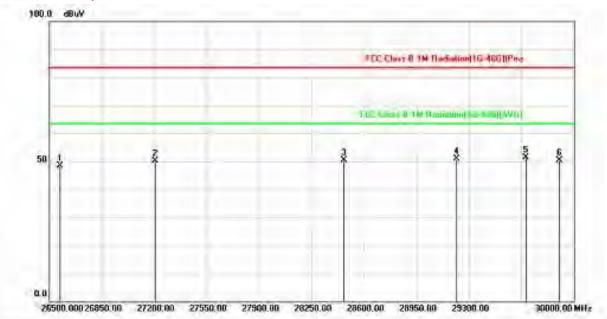
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Page : 115 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	MBUV	dВ	48 c/v	dBuV	48	Delector	Comment
1	- 2	26570.000	58.01	-9.64	48.37	83.50	-35,13	peak	
2		27207.000	60.59	-10.43	50.16	83.50	-33,34	peak	
3	- 1	28467.000	60.70	-10.38	50.32	83.50	-33.18	peak	
4		29216.000	63.19	-12.25	50.94	83.50	-32.56	peak	
5	* :	29678.000	63.70	-12.27	51.43	83.50	-32,07	peak	
6		29902.000	62.68	-12.26	50.42	83.50	-33.08	peak	

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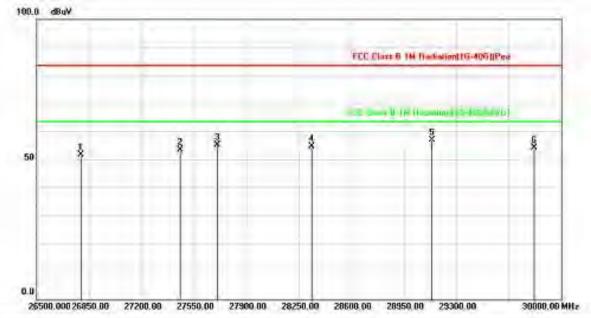


**Issue Date: Apr. 28, 2014** 

Page : 116 of 155



Operation Mode	Config 2 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0.ver		
		MHI	4800	dB	dBuV	dBuV	dB	Delector	Comment
1	- 4	26794.000	61.63	-9.89	51.74	83.50	-31.76	peak	
2	- 2	7459.000	64.22	-10.80	53.42	83.50	-30.08	peak	
3	- 2	7704.000	66.20	-11.04	55.16	83.5D	-28.34	peak	
4	1	28334.000	65.30	-10.65	54.65	83.50	-28,85	peak	
5	* 2	29139.000	69.10	-12.25	56.85	83.50	-26.65	peak	
6	- 2	29818.000	66.33	-12.27	5406	83.50	-29.44	peak	

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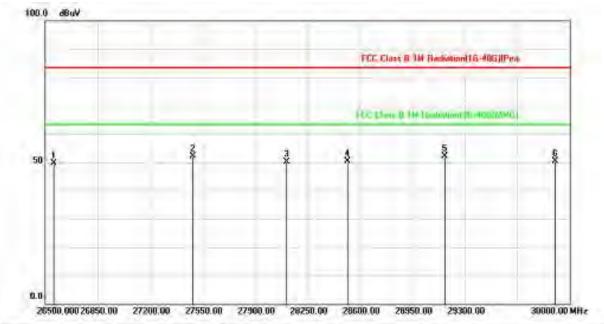
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Page : 117 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	dBuV	dBuV	48	Delector	Comment
1	2	6556,000	59.20	-9.63	49.57	83.50	-33.93	peak	
2 3	2	7487.000	63.01	-10.84	52.17	83.50	-31.33	peak	
3	2	8110.000	61.11	-11.07	50.04	83.50	-33.46	peak	
4	2	8516.000	60.67	-10.38	50 29	83.50	-33.21	peak	
5	2	9167.000	64.31	-12.25	52.06	83.50	-31.44	peak	
6	2	9902 000	62.68	-12.26	50.42	83.50	-33.08	neak	

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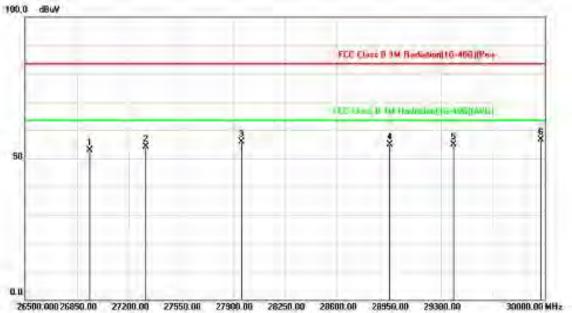
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Page : 118 of 155



Operation Mode	Config 3: MP3	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	4800	4800	фВ	Delector	Comment
1	- 4	26934.000	62.84	-10.05	52.79	83.50	-30.71	peak	
2	1	27312,000	64.81	-10.58	5423	83.50	-29.27	peak	
3	- 23	27956.000	67.10	-11.26	55.84	83.50	-27.66	peak	
4		28957.000	66.91	-12.07	54.84	83.50	-28.66	peak	
5	- 13	29384.000	67.04	-12.26	54.78	83.50	-28.72	peak	
6	* 3	29972.000	68.98	-12.26	56.72	83.50	-26.78	peak	

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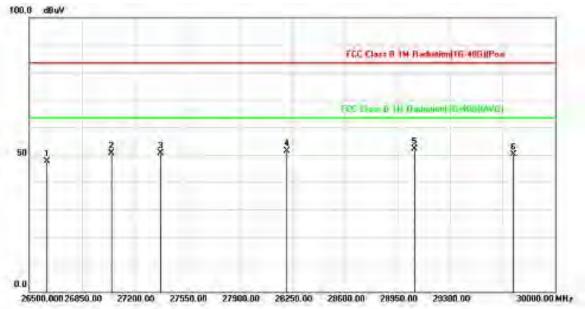
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Page : 119 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	dB	dBuV	dBuV	dB	Delector	Comment
-1	2	26619.000	57.44	-9.69	47.75	83.50	-35.75	peak	
2	2	7046,000	60.77	-10.20	50.57	83.50	-32.93	peak	
3	2	7375,000	61.36	-10.68	50.68	83.50	-32.82	peak	
4	2	8215,000	62.19	-10.87	51.32	83.50	-32.18	peak	
5	× 2	9062.000	64.35	-12.24	52.11	83.50	-31.39	peak	
ß	2	9720.000	62 44	-12:28	50.18	83.58	-33.32	neak	

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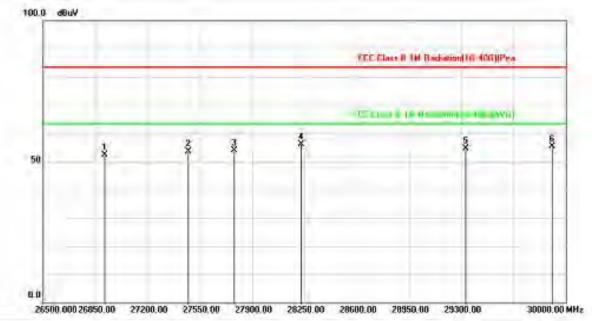


**Issue Date: Apr. 28, 2014** 

Page : 120 of 155



Operation Mode	Config 3 : Recording (Front)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBuV	48	48 W	dBuV	d 8	Delector	Comment
1	- 13	26913.000	62.37	-10.03	52.34	83.50	-31.16	peak	
2	- 13	27473.000	64.43	-10.82	53.61	83.50	-29.89	peak	
3		27781.000	65.06	-11.10	53.96	83.50	-29.54	peak	
4	x ·	28229.000	66.87	-10.85	56 D 2	83.5D	-27.48	peak	
5	- 3	29328.000	66.85	-12.28	54.59	83.50	-28.91	peak	
6	1	29909,000	67.59	-12.26	55.33	83.50	-28.17	peak	

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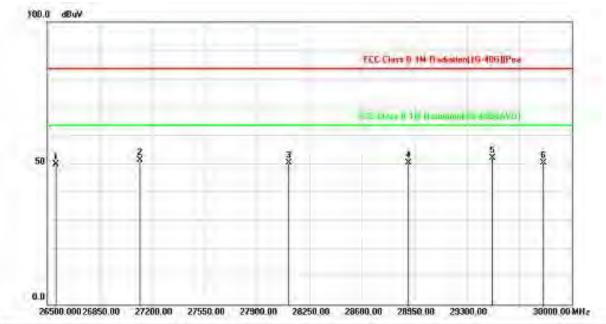
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: 121 of 155 Page





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver		
		MHI	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	2	6558,000	59.20	-9.63	49.57	83.50	-33.93	peak	
2	2	7116.000	61.46	-10.30	51.16	83.50	-32.34	peak	
3	2	8110.000	61,11	-11.07	50 04	83.50	-33.46	peak	
4	2	000,8008	62.11	-11.89	50 22	83.50	-33.28	peak	
5	* 2	9468.000	64.06	-12.27	51.79	83.50	-31.71	peak	
6	2	9811 000	62.39	-12 26	50.13	83.50	-33.37	neak	

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**Issue Date: Apr. 28, 2014** 

Page : 122 of 155



Operation Mode	Config 3 : Recording (Back)	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over					
		MHI	MHI	MHI	MHI	dBuV	dB	dBuV	dauv	48	Delector	Comment
4	- 3	26542.000	64.92	-9.61	55.31	83.50	-28.19	peak				
2	- 4	27074.000	64,93	-10.23	54.70	83.50	-28.80	peak				
3	2	27564.000	66.05	-10.91	55.14	83.50	-28.36	peak				
4		27879.000	65.94	-11.18	54.76	83.50	-28.74	peak				
5	* 2	29055.000	68.01	-12.25	55.76	83.50	-27.74	peak				
6	- 3	29580.000	66.84	-12.27	54.57	83.50	-28.93	peak				

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Page : 123 of 155





No. 1	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	0 ver			
		MHI	deuv	48	dBuV	dBuV	dB	Detector	Comment	
1	- 4	26556.000	59,20	-9,63	49.57	83.50	-33.93	peak		
2	2	7165.000	61.26	-10,37	50.89	83.50	-32.61	peak		
3 *	1	7781.000	62,90	-11.10	51.80	83.50	-31.70	peak		
4	- 2	28943.000	62.72	-12.02	50.70	83.50	-32.80	peak		
5	2	29615.000	63.35	-12.27	51 D8	83.50	-32.42	peak		
6	- 2	29986.000	62:37	-12.26	50.11	83.50	-33.39	peak		

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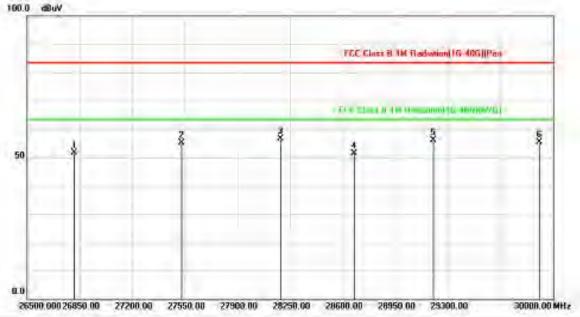


**Issue Date: Apr. 28, 2014** 

Page : 124 of 155



Operation Mode	Config 3 : Play Recording	Test Date	Jan. 24, 2014
Tested By	Eddy Cheng	Pol	Hor. and Ver.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	dBUV	86	48 CW	daw	48	Detector	Comment
1		26815.000	61.52	-9.92	51.60	83.50	-31.90	peak	
2	- 3	27529.000	65,99	-10,88	55.1.1	83.50	-28.39	peak	
3	× ;	28 187.000	67.56	-10,93	56.63	83.50	-26.87	peak	
4	- 3	28677.000	62,29	-11.00	51.29	83.50	-32.21	peak	
5	- 2	29202.000	68.36	-12.25	56.11	83.50	-27.39	peak	
6	- 3	000.000	67.59	-12.26	55.33	83.50	-28.17	peak	

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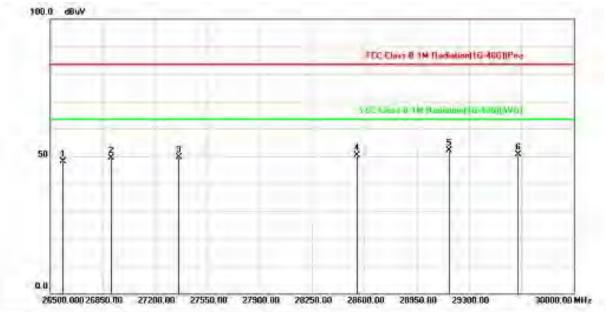
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Page : 125 of 155





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHI	HBUV	dВ	BBUV	dBuV	48	Delector	Comment
1	2	6584.000	57.78	-9.65	48.13	83.50	-35.37	peak	
2	2	000.8008	59.48	-10.03	49.45	83.50	-34.05	peak	
3	2	7361.000	60.38	-10.65	49.73	83.50	-33.77	peak	
4	2	8551.000	60.97	-10.52	50.45	83.50	-33.05	peak	
5	* 2	9167,000	64.31	-12.25	52.06	83.50	-31.44	peak	
6	2	9629,000	62.89	-12.27	50.62	83.50	-32.88	peak	

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