

# FCC CERTIFICATION REPORT

**Test Report No.** : E1/2016/C0051  
**Applicant** : Sony Mobile Communications Inc.  
**Address** : 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002  
Japan  
**Manufacturer** : Sony Mobile Communications Inc.  
**Address** : 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002  
Japan

**Equipment Under Test (EUT) :**

**Brand Name** : Sony  
**FCC ID** : PY7-55364J

**Standards** : FCC Part 15:2017 Subpart B, Class B  
**FCC Registration Numbers** : 916890

**Date of Receipt** : Dec. 09, 2016  
**Date of Test** : Dec. 09, 2016 ~ Jan. 16, 2017  
**Date of Issue** : Mar. 01, 2017

<b>Test Result :</b>	<b>PASS</b>
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In the configuration tested, the EUT complied with the standards specified above.

**Remarks :**

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

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**Tested By:** Eddy Cheng  
**Eddy Cheng (Engineer)**

**Date** Mar. 01, 2017

**Approved By** Wisely Huang

**Date** Mar. 01, 2017

**Wisely Huang**  
**(Assistant Supervisor)**



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SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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## Revision History

Report Number	Revision	Description	Issue Date
E1/2016/C0051	Rev.00	Initial creation of document	Mar. 01, 2017

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# 1. General Information

## 1.1 Applicant & Manufacturer Information

Applicant : Sony Mobile Communications Inc.  
Address of Applicant : 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo,  
140-0002 Japan  
Manufacturer : Sony Mobile Communications Inc.  
Address of Manufacturer : 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo,  
140-0002 Japan

## 1.2 General Description of EUT

Brand Name : Sony  
FCC ID : PY7-55364J

## 1.3 Details of EUT

Power Supply : 11.1Vdc  
Worst case : CE \_Worst\_ case : Config 1  
RE\_Worst \_case : Config 3 (MP3 Play)  
Highest operate description : 1.782 GHz  
Adapter : Model No.: UCH30C  
Supplier:PHIHONG  
I/P:100-240V, 50/60Hz, 1A  
O/P:5V, 3A  
9V, 3A  
15V,3A  
Ferrite core : Type number: ZCAT-2035-0930A-BK  
Supplier: TDK

	Config 1	Config 2	Config 3
Applicable standard (FCC 15B )			
Accessories	EUT +AC charger +HDMI Cabl	EUT +HDMI Cable +USB Cable	EUT +AC charger +HDMI Cable
	<b>HDMI Data Transfer</b>	<b>USB Data Transfer</b>	<b>AC charger</b>
	DATA Link(USB) + Idle(WWAN.WIFI.BT.GPS & NFC ON)	DATA Link(HDMI) + Idle(WWAN.WIFI.BT.GPS & NFC ON)	Recording + Play recording + MP3 Play Idle(WWAN.WIFI.BT.GPS & NFC ON)
Standard § 15.107 & 15.109			
radiated emission	HDMI Data Transfer	USB Data Transfer	Recording + Play recording + MP3 Play
conducted emission (DC Power)	NA	N/A	N/A
conducted emission (AC Power)	HDMI Data Transfer	USB Data Transfer	Recording + Play recording + MP3 Play

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## 1.4 Operation Procedure

### Config 1

1. EUT connected to the adapter and the HDMI cable, and place it in the center of the table edge.
2. Turn on the EUT to open the WIFI.BT.GPS.NFC function(Idle).
3. EUT projection of the screen in the computer by HDMI cable.
4. Start the test.

### Configuration 2:

1. EUT connected to USB cable and HDMI cable , and place it in the center of the desk edge.
2. Turn on the EUT to start the WIFI.BT.GPS.NFC function(Idle).
3. EUT transmits data to the computer by USB cable.
4. Start the test.

### Configuration 3: MP3 playback

1. EUT connected to the USB cable and HDMI cable, and place it in the center of the desk edge.
2. Turn on the EUT to open the WIFI.BT.GPS.NFC function(Idle).
3. After the EUT plays the music, start the test.

### Configuration 3: Recording

1. EUT connected to the USB cable and the HDMI cable and place it in the center of the desk edge.
2. Turn on the EUT to open the WIFI.BT.GPS.NFC function(Idle).
3. After the EUT performs the recording function, start the test.

### Configuration 3: Play the recording

1. EUT connected to the USB cable and HDMI cable , and place it in the center of the desk edge.
2. Turn on the EUT to open the WIFI.BT.GPS.NFC function(Idle).
3. After the EUT executes the playback function, start the test

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### 1.5 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
Notebook	DELL	Latitude E6440	3VGS162
Mouse	DELL	MS111-T	CN-OKW2YH-71616-345-OL7T
Printer	HP	VCVRA-1004	CN33K19J3F
Notebook	Lenovo	X260	N/A
GPS Signal Generator	Spectracom	GSG53 GNSS4	200218

### Support Equipment Used in Tested Cable

Cable Type	Core	Length	Shielding/Non-shielding
Mouse Cable	N/A	1.6m	Non-Shielding
Printer USB Cable	N/A	2.0m	Shielding

### 1.6 Modification List

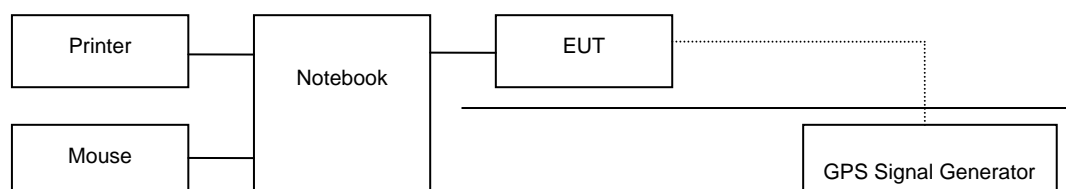
No modification was made by SGS Taiwan Electronics & Communication Laboratory.

### 1.7 Accessories Cable List

Cable Type	Core	Length	Shielding/Non-shielding
Power Cable	N/A	1m	N/A
HDMI Cable	N/A	1m	Shielding
USB - Type C Cable	N/A	1m	Shielding

### 1.8 Test Set-Up Configuration

Config 1 & 2 & 3



## 1.9 Measurement Procedure

Conducted Emission Testing was performed according to ANSI C63.4:2014 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 C63.4:2014 at the 3/10m semi-anechoic chamber. The EUT was placed on a 0.8m high table along with the peripherals. The turn table was placed 10m distance from the antenna. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for production of maximum emission.

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

## 1.10 Standards Applicable for Testing

Tests to be carried out under FCC Part 15, Subpart B/CISPR 22

Test Standards	Status
FCC Part 15, Subpart B/ CISPR 22	Applicable
Deviation from Standard	No deviation

## 1.11 Summary of Results

Highest Emission					
Standard	Test Type	Result	Phase/Pol.	Frequency(MHz)	Margin(dB)
FCC Part 15 Subpart B Class B	Conducted Emission	PASS	Line	0.5900	-9.03 (AVG)
			Neutral	0.5900	-9.00 (AVG)
	Radiated Emission	PASS	Ver.	33.8800	-1.60 (QP)



## 2. EMISSION

### 2.1 Test Results

	Results
Conducted Emission	Pass
Radiated Emission	Pass

### 2.2 Frequency Range

#### FCC Part 15, Subpart B:

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)

Upper frequency of measurement range (MHz)

Below 1.705

30

1.705 - 108

1000

108 - 500

2000

500 - 1000

5000

Above 1000

5th harmonic of the highest frequency or 40 GHz, whichever is lower

## 2.3 Limits of Conducted and Radiated Emission

### 2.3.1 Limits of Conducted Emission

#### FCC Part 15, Subpart B/CISPR 22:

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

Note : (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

### 2.3.2 Limits of Radiated Emissions

#### FCC Part 15, Subpart B Limit:

##### ● Detector Function : Quasi – Peak

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

##### ● Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	Peak	Average	Peak	Average
Above 1000-40000	79.3	59.3	73.9	53.9

### CISPR 22 Limit:

- Detector Function : Quasi – Peak

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

NOTE 1 The lower limit shall apply at the transition frequency.

NOTE 2 Additional provisions may be required for cases where interference occurs.

FREQUENCY (GHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	Average	Peak	Average	Peak
1~3	56	76	50	70
3~6	60	80	54	74

NOTE The lower limit applies at the transition frequency.

## 2.4. Test of Conducted Emission

### 2.4.1 Test Equipments

SGS Conducted Emission HWYAY Conducted Room No.A EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 3	101311	2016/6/23	2017/6/22
Coaxial Cables	EMC Instruments Corp	EMCRG58-BM-BM-3000	160812	2016/8/30	2017/8/29
LISN	SCHWARZBECK	NSLK 8127	8127-648	2016/6/13	2017/6/12
Pulse Limiter	Narda S.T.S.	PMM PL01	1110X30602	2016/8/12	2017/8/11
LISN	Schwarzbeck	NSLK 8128	NSLK8127-300	2016/6/22	2017/6/21
Test S/W	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.
SGS Taiwan LTD. Electronics & Communication Laboratory No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Measurement Uncertainty of Conducted Emission Expanded uncertainty (K=2) of conducted emission is 2.20 dB					

### 2.4.2 Operating Environment

Temperature : 23 degree C                      Humidity : 56 %RH  
Atmospheric Pressure : 992 mBar

### 2.4.3 Measurement Level Calculation

Factor = LISN insertion loss + Cable loss+ Pulse Limiter Insertion Loss  
Measurement Level = Reading Level + Factor  
Over (Margin) = Measurement Level – Limit

## 2.4.4 Measurement Data:

Config\_1\_L

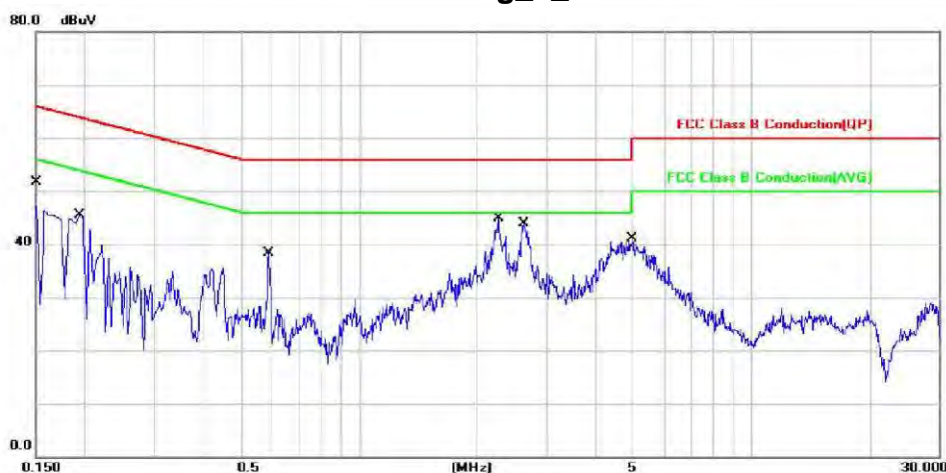


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	44.47	0.34	44.81	64.96	-20.15	QP	
2		0.1700	30.17	0.34	30.51	54.96	-24.45	AVG	
3		0.2100	38.62	0.36	38.98	63.21	-24.23	QP	
4		0.2100	24.28	0.36	24.64	53.21	-28.57	AVG	
5		0.5900	36.88	0.36	37.24	56.00	-18.76	QP	
6 *		0.5900	36.61	0.36	36.97	46.00	-9.03	AVG	
7		2.2420	39.62	0.39	40.01	56.00	-15.99	QP	
8		2.2420	34.20	0.39	34.59	46.00	-11.41	AVG	
9		2.6620	39.42	0.39	39.81	56.00	-16.19	QP	
10		2.6620	34.00	0.39	34.39	46.00	-11.61	AVG	
11		4.8660	36.65	0.42	37.07	56.00	-18.93	QP	
12		4.8660	29.18	0.42	29.60	46.00	-16.40	AVG	

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## Config\_1\_N



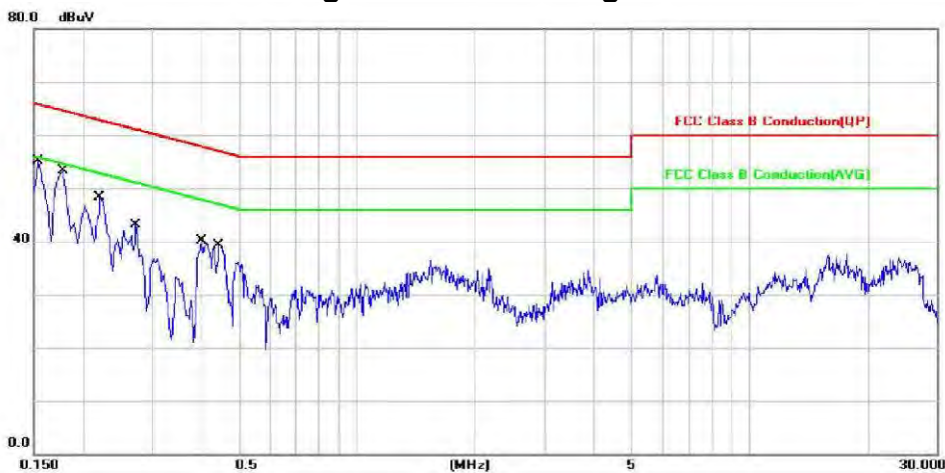
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1500	48.11	0.38	48.49	66.00	-17.51	QP	
2		0.1500	30.33	0.38	30.71	56.00	-25.29	AVG	
3		0.1940	41.01	0.39	41.40	63.86	-22.46	QP	
4		0.1940	26.42	0.39	26.81	53.86	-27.05	AVG	
5		0.5900	36.87	0.40	37.27	56.00	-18.73	QP	
6 *		0.5900	36.60	0.40	37.00	46.00	-9.00	AVG	
7		2.2620	40.23	0.42	40.65	56.00	-15.35	QP	
8		2.2620	34.77	0.42	35.19	46.00	-10.81	AVG	
9		2.6460	39.68	0.43	40.11	56.00	-15.89	QP	
10		2.6460	34.04	0.43	34.47	46.00	-11.53	AVG	
11		4.9940	38.82	0.46	39.28	56.00	-16.72	QP	
12		4.9940	31.14	0.46	31.60	46.00	-14.40	AVG	

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## Config\_2\_Internal Storage Resd\_L



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	51.70	0.33	52.03	65.78	-13.75	QP	
2		0.1540	38.50	0.33	38.83	55.78	-16.95	AVG	
3		0.1780	46.00	0.35	46.35	64.58	-18.23	QP	
4		0.1780	33.60	0.35	33.95	54.58	-20.63	AVG	
5		0.2220	43.70	0.36	44.06	62.74	-18.68	QP	
6		0.2220	31.50	0.36	31.86	52.74	-20.88	AVG	
7		0.2740	38.60	0.36	38.96	61.00	-22.04	QP	
8		0.2740	28.70	0.36	29.06	51.00	-21.94	AVG	
9		0.4020	32.00	0.37	32.37	57.81	-25.44	QP	
10		0.4020	19.80	0.37	20.17	47.81	-27.64	AVG	
11		0.4466	37.00	0.37	37.37	56.94	-19.57	QP	
12		0.4466	24.30	0.37	24.67	46.94	-22.27	AVG	

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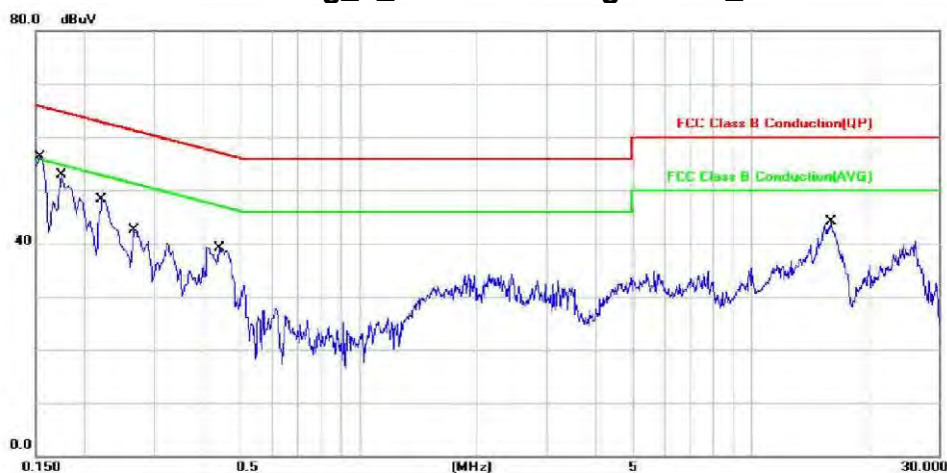
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## Config\_2\_Internal Storage Read\_N



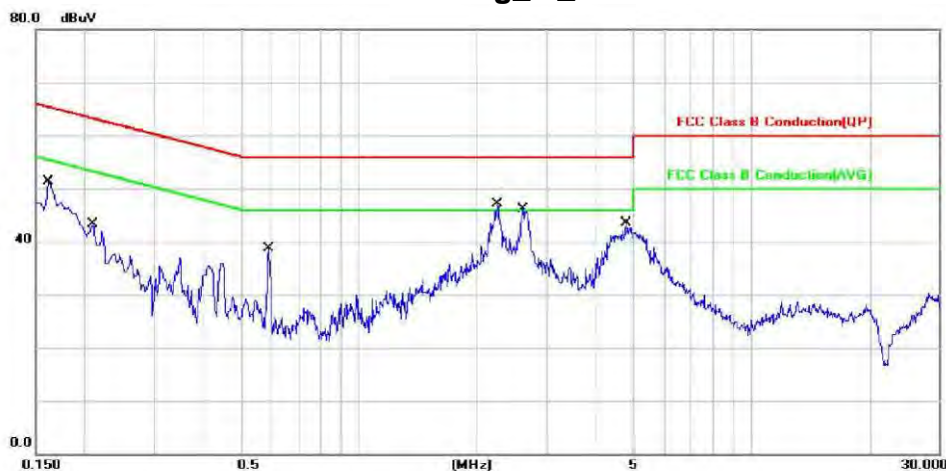
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1540	47.90	0.38	48.28	65.78	-17.50	QP	
2		0.1540	33.30	0.38	33.68	55.78	-22.10	AVG	
3 *		0.1740	47.50	0.38	47.88	64.77	-16.89	QP	
4		0.1740	37.30	0.38	37.68	54.77	-17.09	AVG	
5		0.2220	40.30	0.39	40.69	62.74	-22.05	QP	
6		0.2220	30.20	0.39	30.59	52.74	-22.15	AVG	
7		0.2660	37.30	0.39	37.69	61.24	-23.55	QP	
8		0.2660	27.40	0.39	27.79	51.24	-23.45	AVG	
9		0.4420	35.60	0.39	35.99	57.02	-21.03	QP	
10		0.4420	22.40	0.39	22.79	47.02	-24.23	AVG	
11		15.9540	34.90	0.74	35.64	60.00	-24.36	QP	
12		15.9540	29.20	0.74	29.94	50.00	-20.06	AVG	

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## Config\_3 \_L



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1620	46.03	0.34	46.37	65.36	-18.99	QP	
2		0.1620	31.47	0.34	31.81	55.36	-23.55	AVG	
3		0.2100	39.12	0.36	39.48	63.21	-23.73	QP	
4		0.2100	25.52	0.36	25.88	53.21	-27.33	AVG	
5		0.5900	36.72	0.36	37.08	56.00	-18.92	QP	
6 *		0.5900	36.17	0.36	36.53	46.00	-9.47	AVG	
7		2.2500	41.37	0.39	41.76	56.00	-14.24	QP	
8		2.2500	35.51	0.39	35.90	46.00	-10.10	AVG	
9		2.6180	39.88	0.39	40.27	56.00	-15.73	QP	
10		2.6180	33.82	0.39	34.21	46.00	-11.79	AVG	
11		4.8220	36.37	0.42	36.79	56.00	-19.21	QP	
12		4.8220	27.87	0.42	28.29	46.00	-17.71	AVG	

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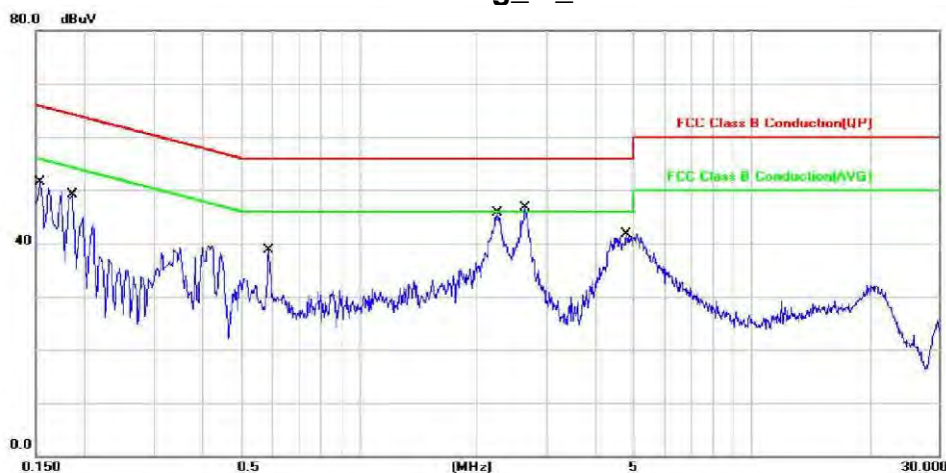
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## Config\_3\_N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1540	45.60	0.38	45.98	65.78	-19.80	QP	
2		0.1540	30.67	0.38	31.05	55.78	-24.73	AVG	
3		0.1860	42.76	0.39	43.15	64.21	-21.06	QP	
4		0.1860	29.84	0.39	30.23	54.21	-23.98	AVG	
5		0.5900	36.99	0.40	37.39	56.00	-18.61	QP	
6 *		0.5900	35.82	0.40	36.22	46.00	-9.78	AVG	
7		2.2580	41.34	0.42	41.76	56.00	-14.24	QP	
8		2.2580	35.57	0.42	35.99	46.00	-10.01	AVG	
9		2.6540	41.07	0.43	41.50	56.00	-14.50	QP	
10		2.6540	35.05	0.43	35.48	46.00	-10.52	AVG	
11		4.8220	37.28	0.45	37.73	56.00	-18.27	QP	
12		4.8220	29.24	0.45	29.69	46.00	-16.31	AVG	

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## 2.5 Test of Radiated Emission

### 2.5.1 Test Equipments

#### Below 1GHz

SGS Radiated_Below_1GHz HWAYA 966A EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESR 7	101459	2016/2/22	2017/2/21
Biconical Antenna	SCHWARZBECK	VULB 9168	9168-297	2016/5/26	2017/5/25
Pre Amplifier	EMC Instruments Corp.	EMC330	980180	2016/5/19	2017/5/18
Coaxial Cable	Huber+Suhner	RG 214/U	539808	2016/4/23	2017/4/22
Coaxial Cable	NA	8D	SAC-A-8M	2016/4/23	2017/4/22
Coaxial Cable	NA	8D	SAC-A-0.5M	2016/4/23	2017/4/22
Communication Tester	SCHWARZBECK	CMW500	152303	2016/2/18	2017/2/17
Communication Tester	R&S	CMU200	122498	2016/11/9	2017/11/8
Coaxial Cable	MF	MF-7802	N/A	N.C.R.	N.C.R.
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.
Site NSA	SGS	966 Chamber A	SAC-A	2017/1/12	2018/1/11
Test Software	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.
SGS Taiwan LTD. Electronics & Communication Laboratory No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Measurement Uncertainty of Radiated Emission Expanded uncertainty (k=2) of radiated emission measurement is 4.74 dB. (30-1000MHz)					

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### Above 1GHz

SGS Radiated_Above_1GHz HWAYA 966A_EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
Spectrum Analyzer	R&S	FSV 40	101419	2016/2/25	2017/2/24
EMI Test Receiver	R&S	ESR 7	101459	2016/2/22	2017/2/21
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D673	2016/10/14	2017/10/13
Horn Antenna	SCHWARZBECK	BBHA9170D	BBHA9170D-185	2016/7/18	2017/7/17
Pre Amplifier	EMC Instruments Corp.	EMC012645B	980216	2016/4/25	2017/4/24
Pre Amplifier	EMC Instruments Corp.	EMC184045B	980135	2016/10/27	2017/10/26
Coaxial Cable	JUNFLOW	MWX221-NMSNMS	J0778929	2016/4/23	2017/4/22
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	30255/4PEA	N.C.R.	N.C.R.
Coaxial Cable	EMC Instruments	EMC104-SM-SM	140927	2016/4/23	2017/4/22
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2152/2	2016/6/5	2017/6/4
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	2016/6/5	2017/6/4
Controller	MF	MF-7802	N.C.R.	N.C.R.	N.C.R.
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.
Site VSWR	SGS	966 Chamber A	SAC-A	2017/1/12	2018/1/11
Test S/W	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.
SGS Taiwan LTD. Electronics & Communication Laboratory No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Measurement Uncertainty of Radiated Emission Expanded uncertainty (k=2) of radiated emission measurement is 4.96 dB. (1-6GHz) Expanded uncertainty (k=2) of radiated emission measurement is 5.14 dB. (6-18GHz) Expanded uncertainty (k=2) of radiated emission measurement is 4.86 dB. (18-26GHz) Expanded uncertainty (k=2) of radiated emission measurement is 4.81 dB. (26-40GHz)					

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### 2.5.2 Operating Environment

Temperature : 18 degree C

Humidity : 59 %RH

Atmospheric Pressure : 996 mBar

### 2.5.3 Measurement Level Calculation

Correction Factor = Antenna Factor + Cable loss- Amplifier Gain

Measurement Level = Reading Level + Correction Factor

Over (Margin) = Measurement Level – Limit

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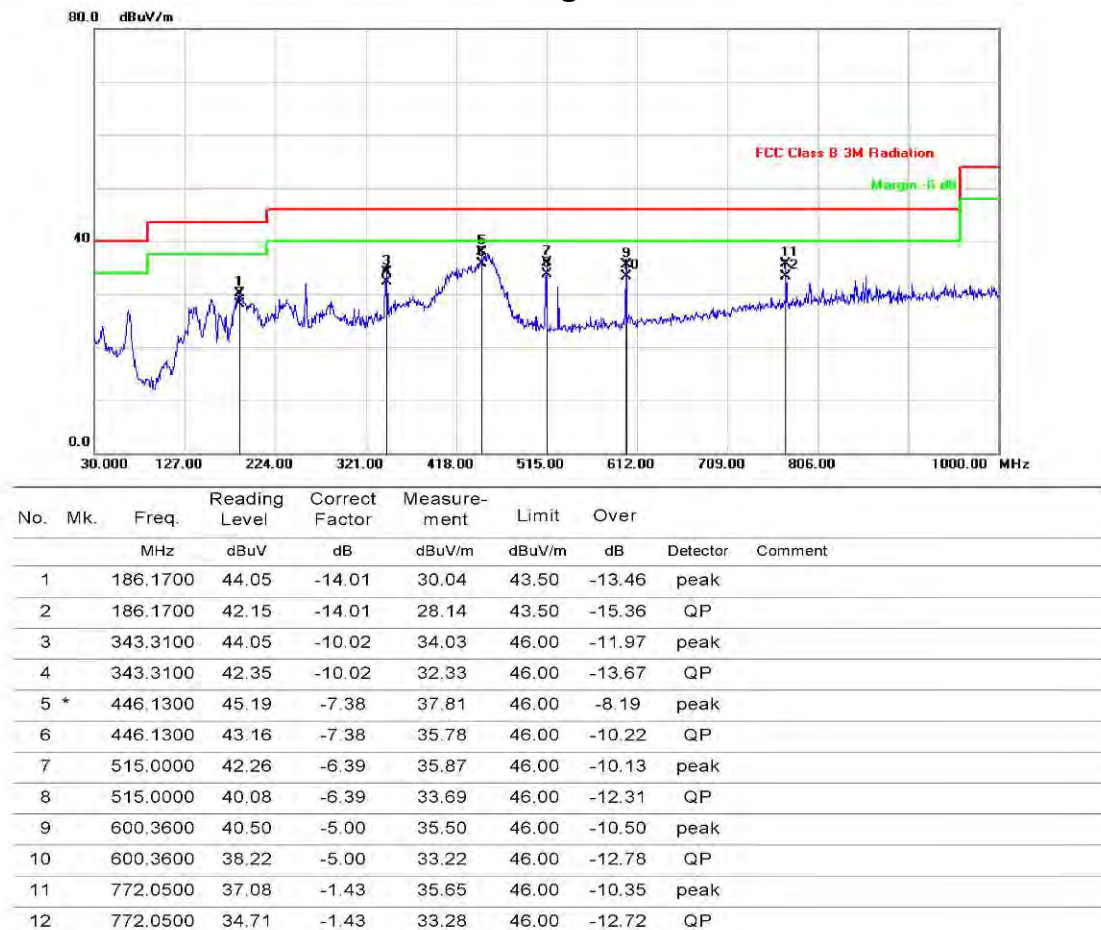
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## 2.5.4 Measurement Data

### Below 1GHz

#### Config 1\_H



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## Config 1\_V



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	38.7300	47.72	-12.19	35.53	40.00	-4.47	peak	
2		38.7300	45.99	-12.19	33.80	40.00	-6.20	QP	
3		67.8300	47.80	-13.95	33.85	40.00	-6.15	peak	
4		67.8300	45.50	-13.95	31.55	40.00	-8.45	QP	
5		133.7900	47.84	-13.08	34.76	43.50	-8.74	peak	
6		133.7900	45.54	-13.08	32.46	43.50	-11.04	QP	
7		156.1000	48.99	-11.97	37.02	43.50	-6.48	peak	
8		156.1000	47.42	-11.97	35.45	43.50	-8.05	QP	
9	!	185.2000	52.91	-13.90	39.01	43.50	-4.49	peak	
10		185.2000	49.80	-13.90	35.90	43.50	-7.60	QP	
11		600.3600	43.29	-5.00	38.29	46.00	-7.71	peak	
12		600.3600	41.33	-5.00	36.33	46.00	-9.67	QP	

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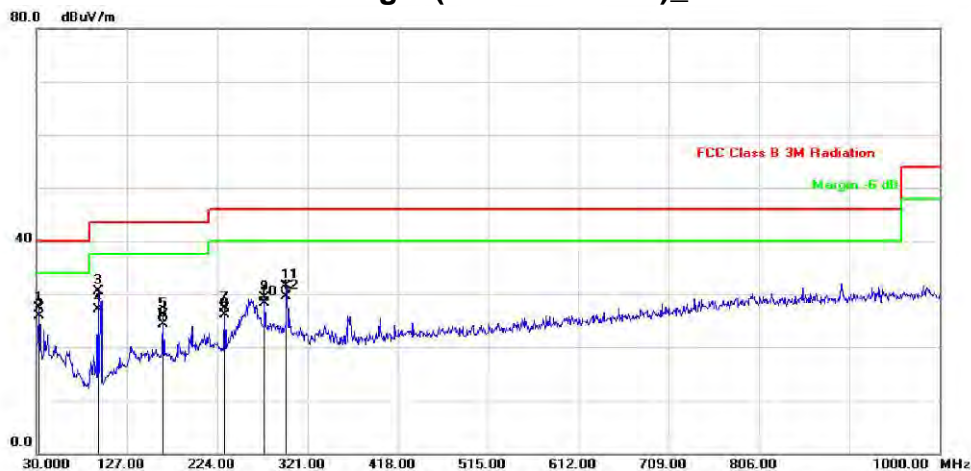
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## Config 2 (SD Card Write)\_H



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	32.9100	40.21	-12.85	27.36	40.00	-12.64	peak	
2		32.9100	38.73	-12.85	25.88	40.00	-14.12	QP	
3		95.9600	48.15	-17.68	30.47	43.50	-13.03	peak	
4		95.9600	44.87	-17.68	27.19	43.50	-16.31	QP	
5		165.8000	38.28	-12.10	26.18	43.50	-17.32	peak	
6		165.8000	36.43	-12.10	24.33	43.50	-19.17	QP	
7		231.7600	41.15	-13.75	27.40	46.00	-18.60	peak	
8		231.7600	39.94	-13.75	26.19	46.00	-19.81	QP	
9		275.4100	40.97	-11.75	29.22	46.00	-16.78	peak	
10		275.4100	40.01	-11.75	28.26	46.00	-17.74	QP	
11		298.6900	42.56	-11.14	31.42	46.00	-14.58	peak	
12		298.6900	40.73	-11.14	29.59	46.00	-16.41	QP	

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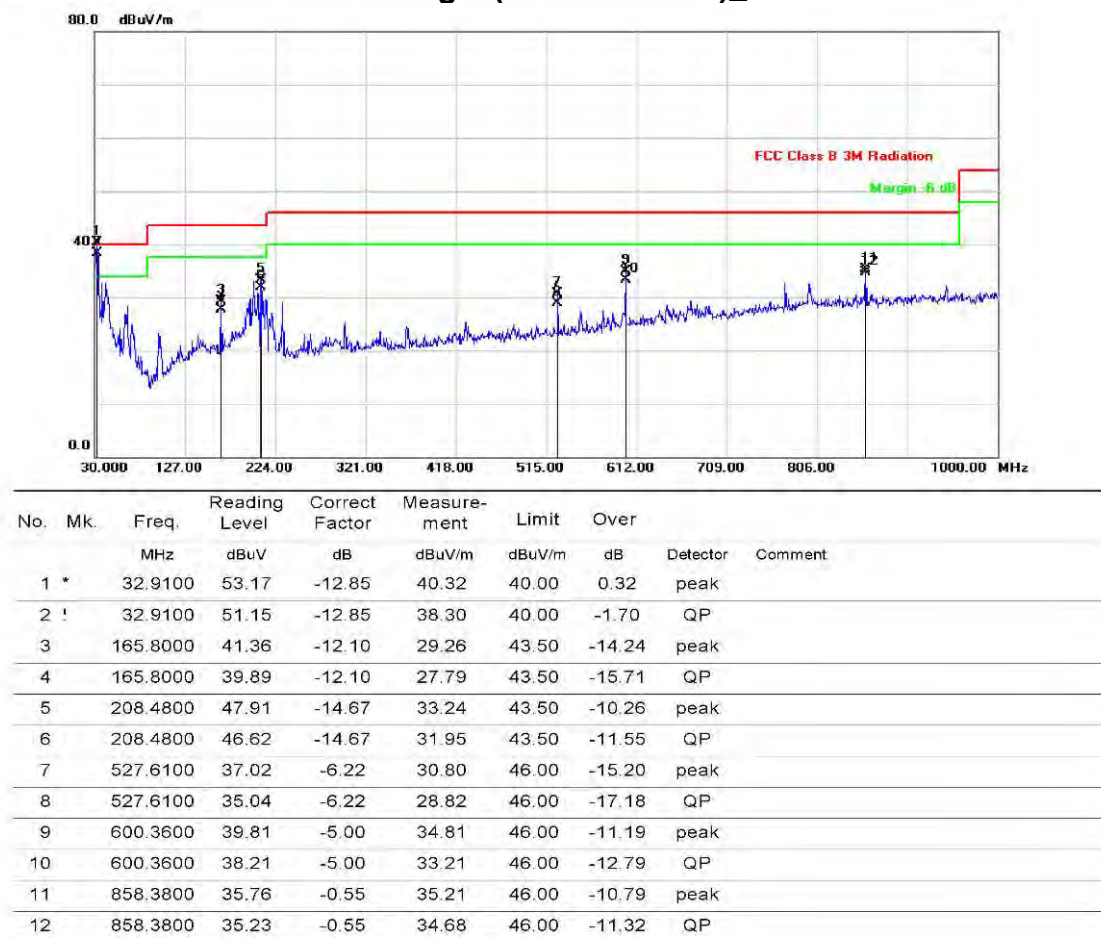
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## Config 2 (SD Card Write)\_V



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## Config 3 (Play recording)\_H



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		144.4600	47.29	-12.22	35.07	43.50	-8.43	peak	
2		144.4600	43.22	-12.22	31.00	43.50	-12.50	QP	
3		455.8300	38.87	-7.22	31.65	46.00	-14.35	peak	
4		455.8300	32.82	-7.22	25.60	46.00	-20.40	QP	
5		527.6100	42.63	-6.22	36.41	46.00	-9.59	peak	
6		527.6100	40.42	-6.22	34.20	46.00	-11.80	QP	
7		600.3600	38.17	-5.00	33.17	46.00	-12.83	peak	
8		600.3600	35.50	-5.00	30.50	46.00	-15.50	QP	
9	*	772.0500	40.14	-1.43	38.71	46.00	-7.29	peak	
10		772.0500	37.93	-1.43	36.50	46.00	-9.50	QP	
11		858.3800	36.69	-0.55	36.14	46.00	-9.86	peak	
12		858.3800	35.45	-0.55	34.90	46.00	-11.10	QP	

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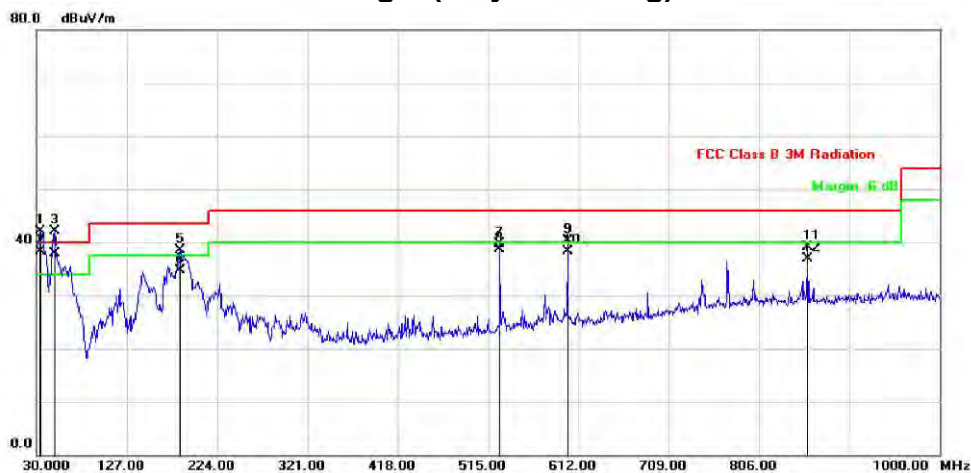
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## Config 3 (Play recording)\_V



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	33.8800	54.90	-12.80	42.10	40.00	2.10	peak	
2	!	33.8800	51.20	-12.80	38.40	40.00	-1.60	QP	
3	X	49.4000	53.43	-11.42	42.01	40.00	2.01	peak	
4	!	49.4000	49.42	-11.42	38.00	40.00	-2.00	QP	
5	!	184.2300	52.35	-13.80	38.55	43.50	-4.95	peak	
6		184.2300	48.50	-13.80	34.70	43.50	-8.80	QP	
7		527.6100	45.84	-6.22	39.62	46.00	-6.38	peak	
8		527.6100	45.02	-6.22	38.80	46.00	-7.20	QP	
9	!	600.3600	45.22	-5.00	40.22	46.00	-5.78	peak	
10		600.3600	43.30	-5.00	38.30	46.00	-7.70	QP	
11		858.3800	39.65	-0.55	39.10	46.00	-6.90	peak	
12		858.3800	37.45	-0.55	36.90	46.00	-9.10	QP	

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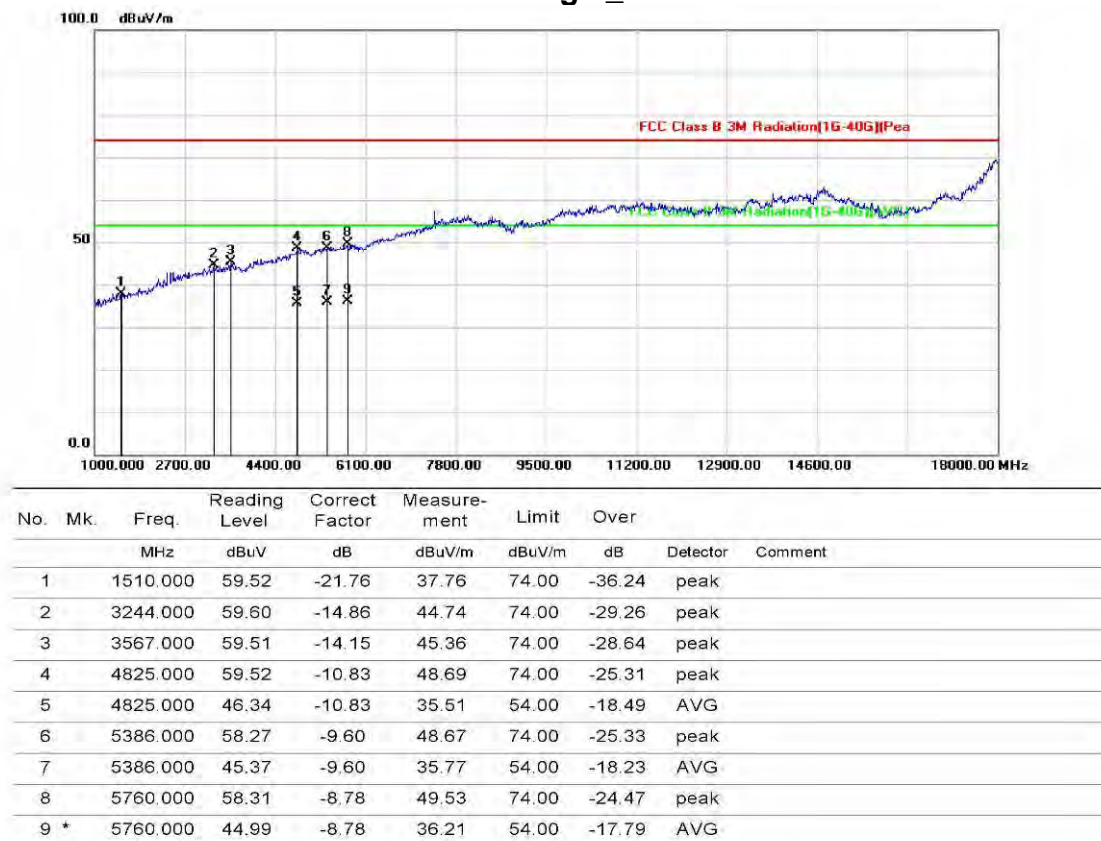
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## Above 1GHz

### Config 1\_H

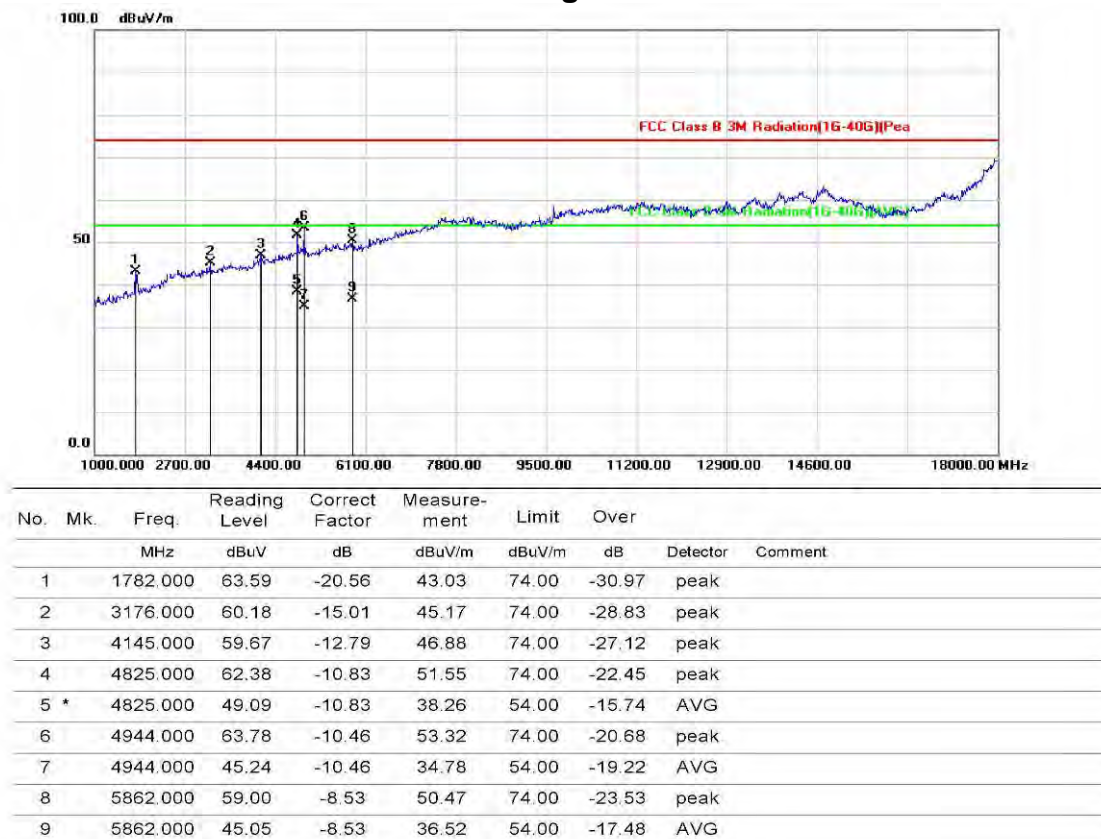


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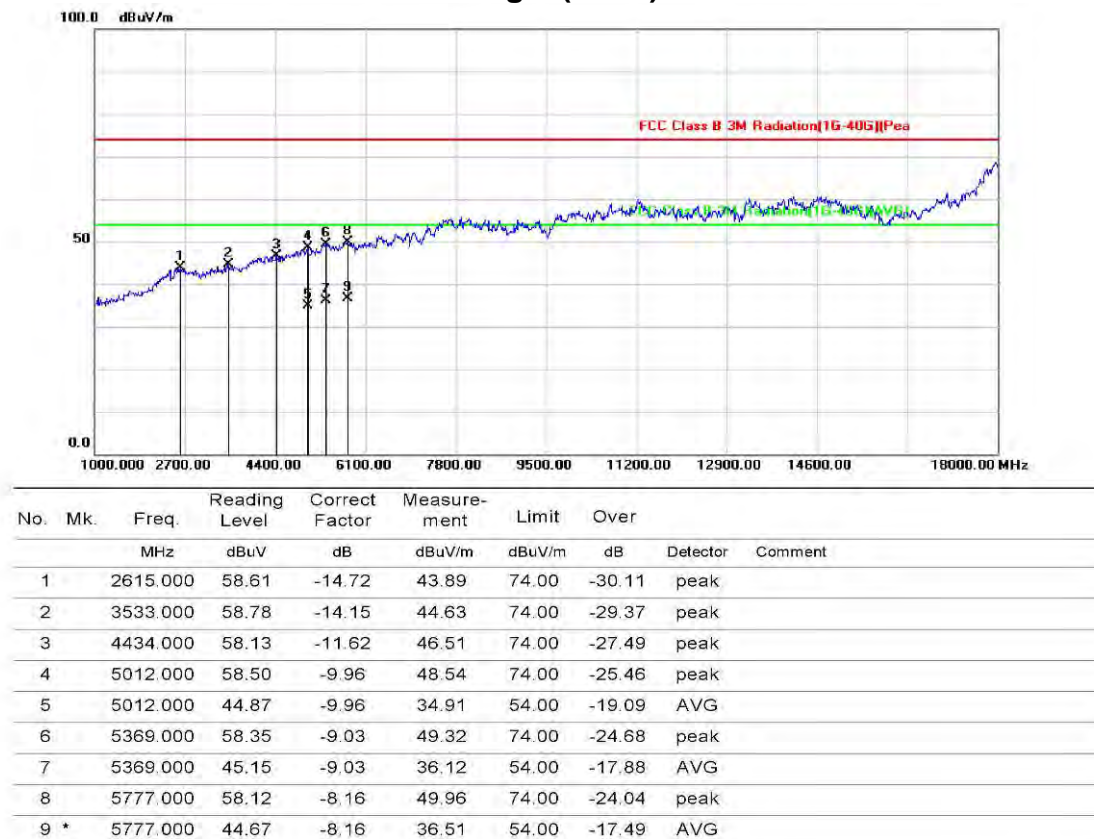
## Config 1\_V



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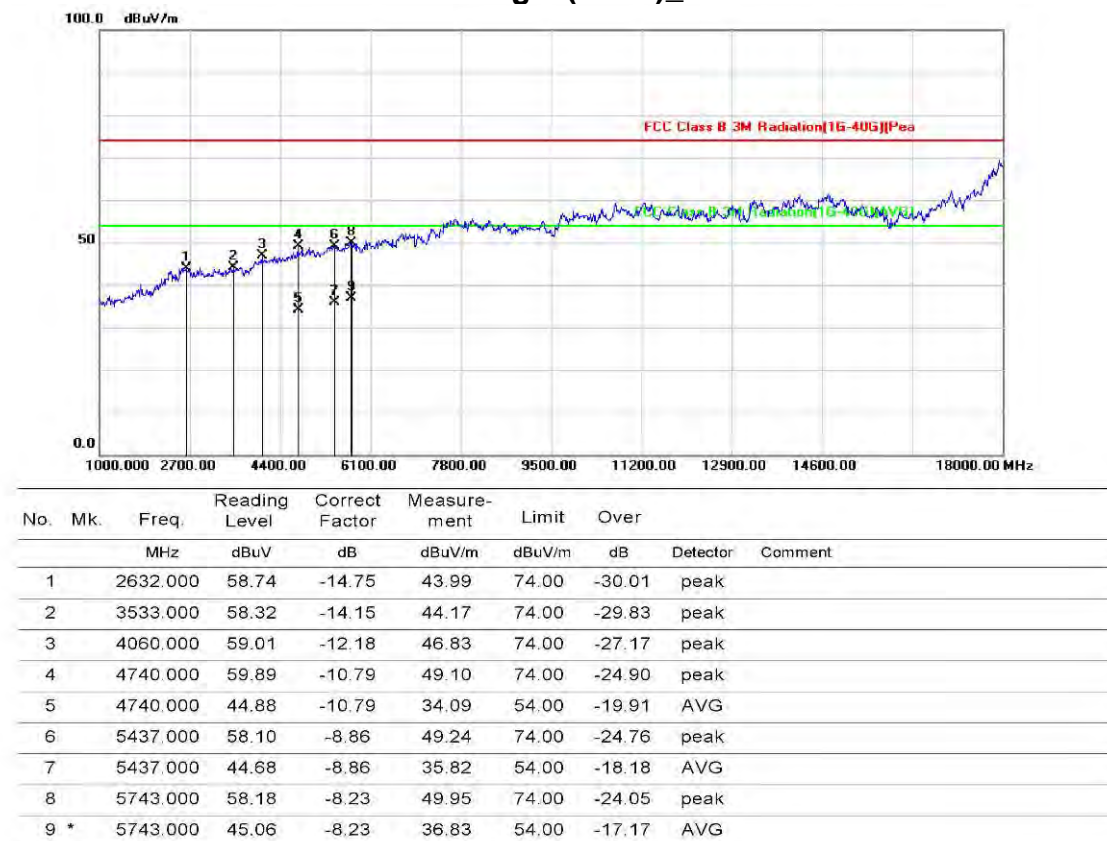
## Config 2 (Read)\_H



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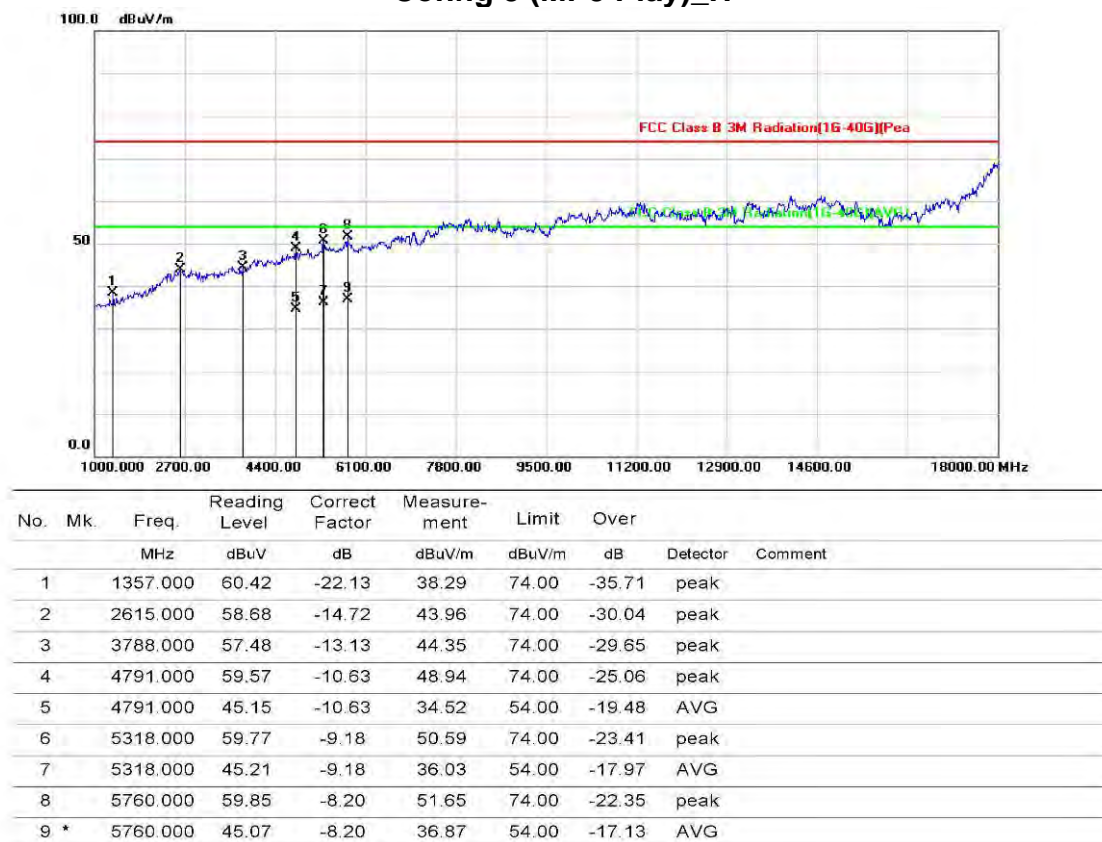
## Config 2 (Read)\_V



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## Config 3 (MP3 Play)\_H

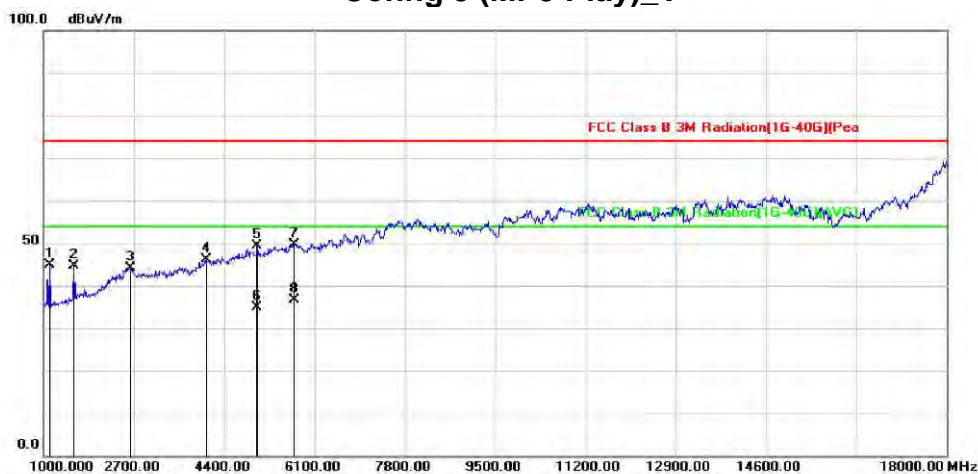


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## Config 3 (MP3 Play)\_V



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
1		1119.000	67.95	-23.18	44.77	74.00	-29.23	peak	
2		1578.000	65.68	-21.16	44.52	74.00	-29.48	peak	
3		2632.000	58.77	-14.75	44.02	74.00	-29.98	peak	
4		4060.000	58.32	-12.18	46.14	74.00	-27.86	peak	
5		5029.000	59.30	-9.92	49.38	74.00	-24.62	peak	
6		5029.000	44.74	-9.92	34.82	54.00	-19.18	AVG	
7		5726.000	57.99	-8.25	49.74	74.00	-24.26	peak	
8 *		5726.000	44.93	-8.25	36.68	54.00	-17.32	AVG	

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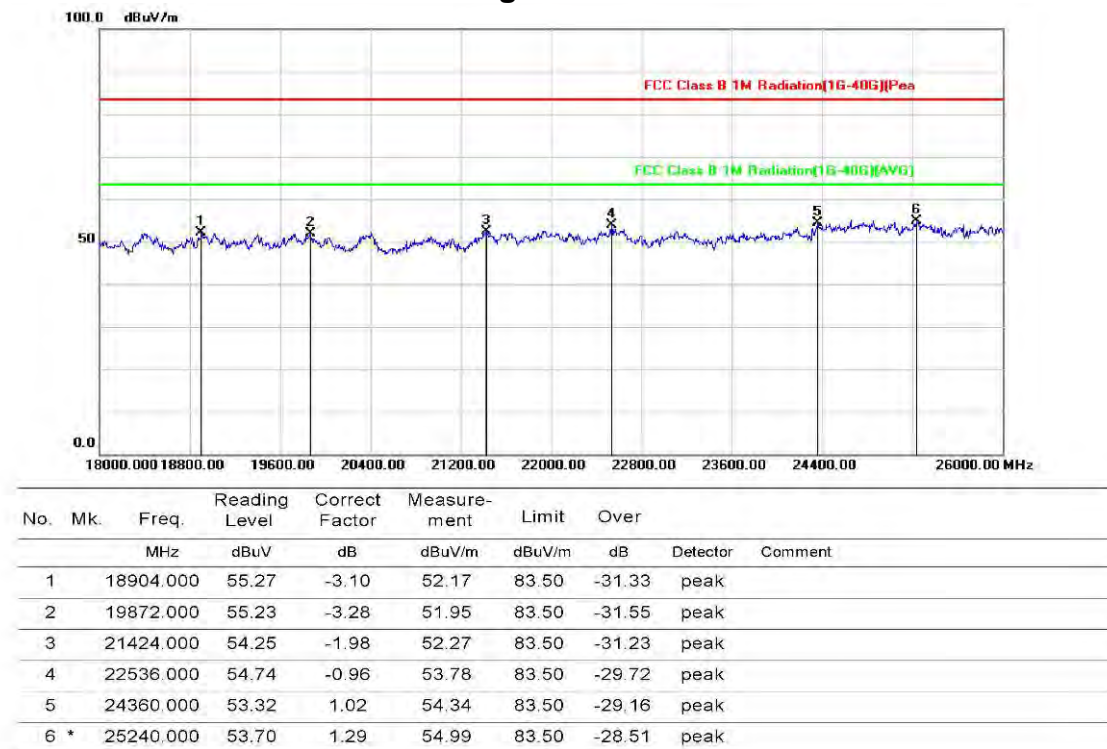
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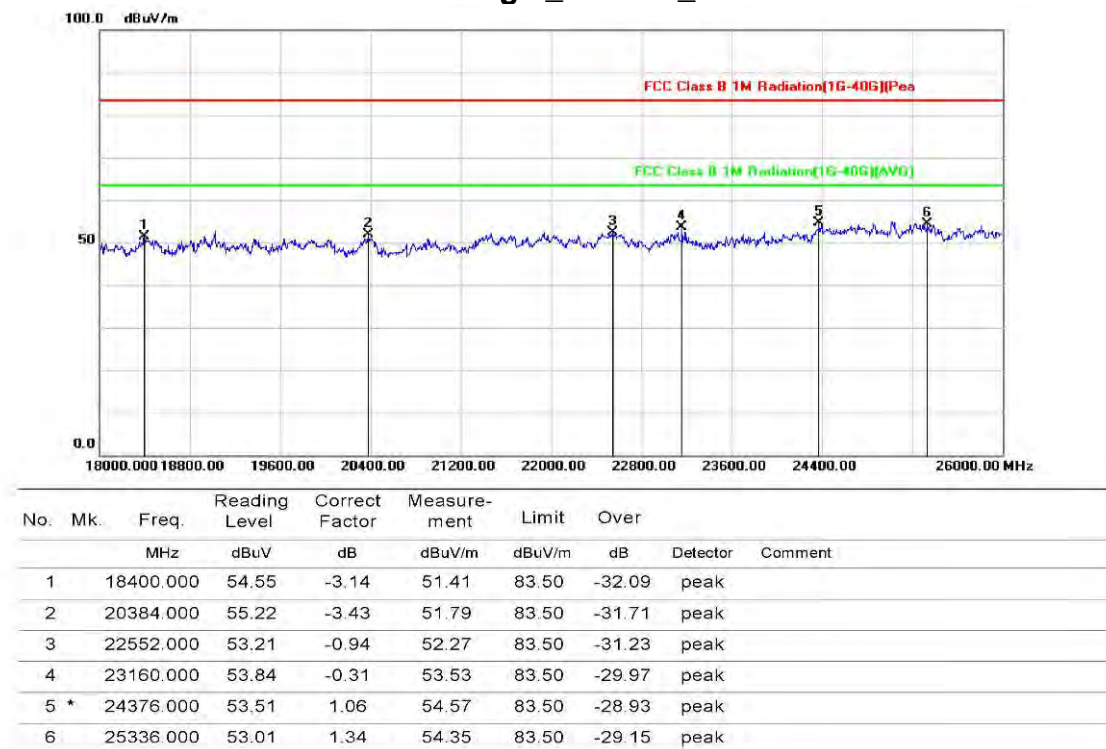
## Config 1\_18~26G\_H



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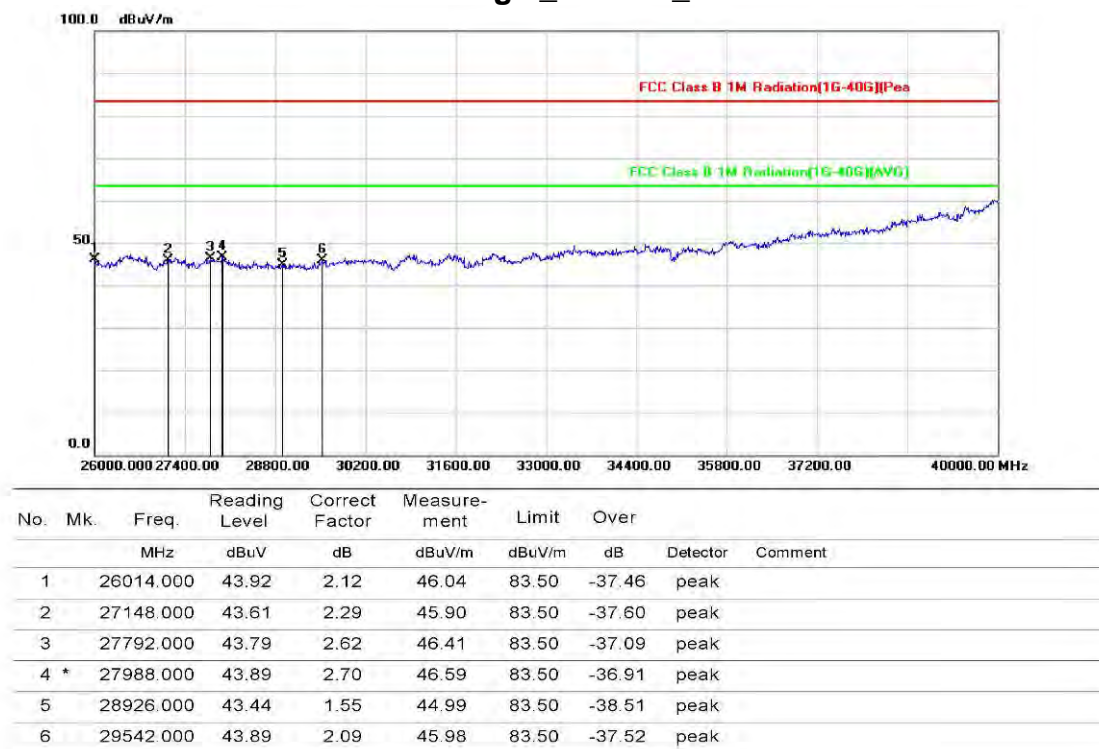
## Config 1\_18~26G\_V



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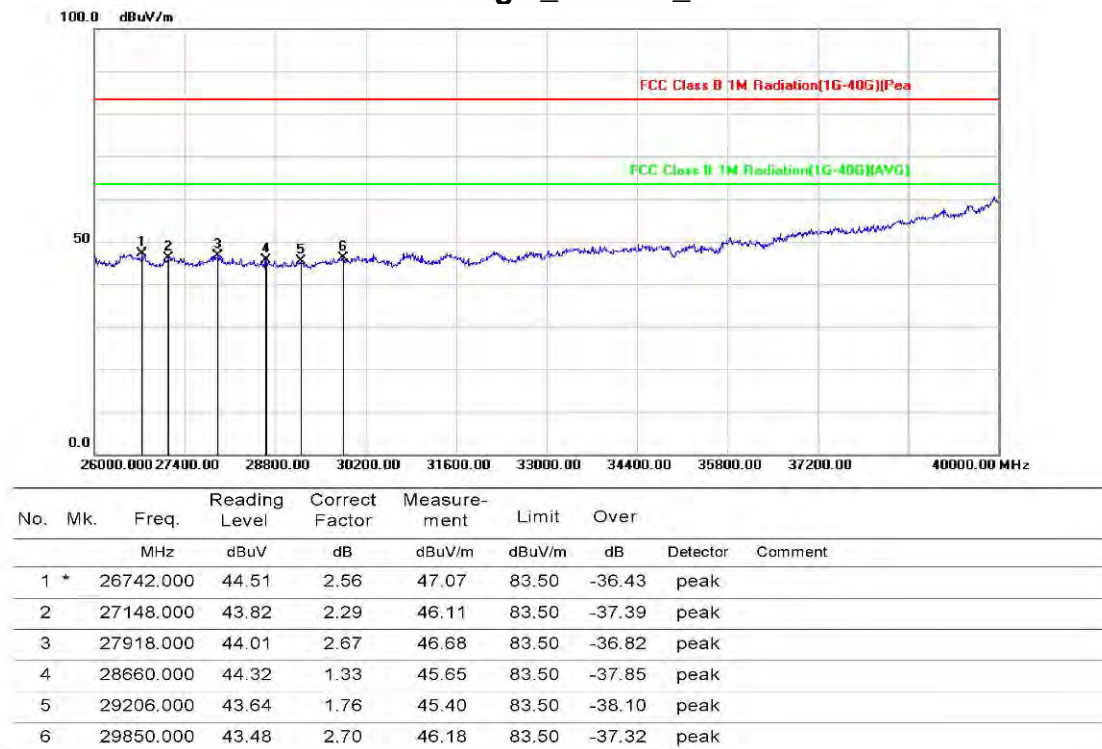
## Config 1\_26~40G\_H



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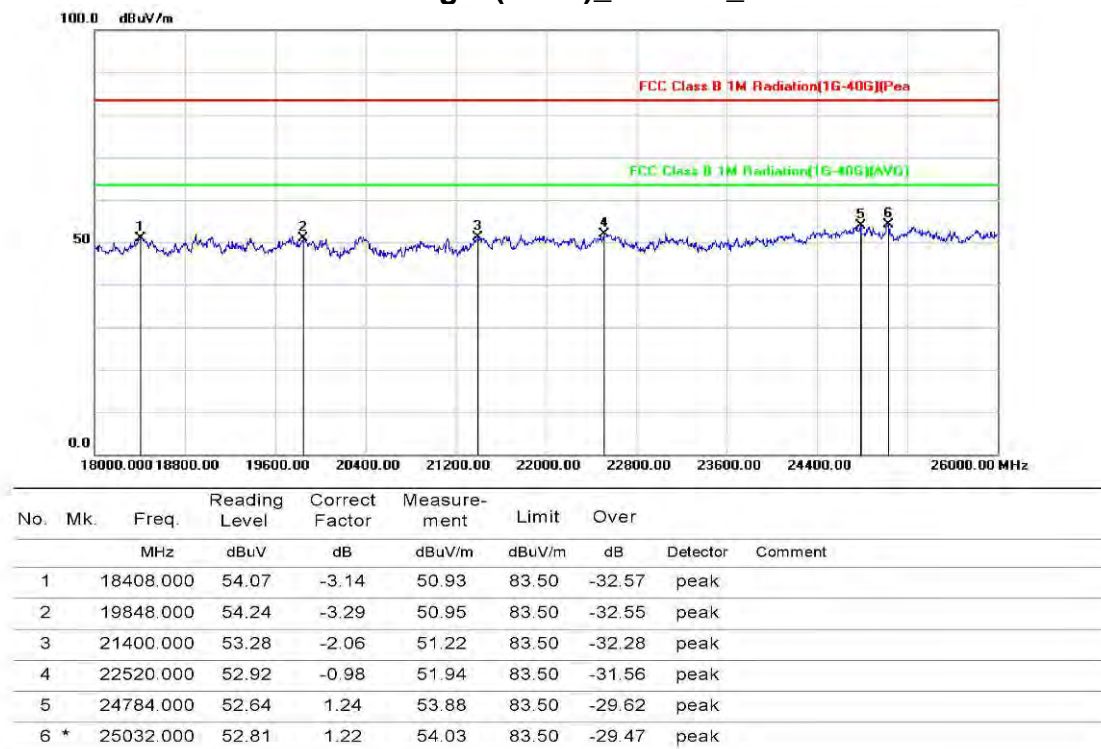
## Config 1\_26~40G\_V



The frequency band during 18GHz till 26.5 GHz that was not reported was verified with no extra obvious finding except ambient signals.



## Config 2 (Read)\_18~26G\_H

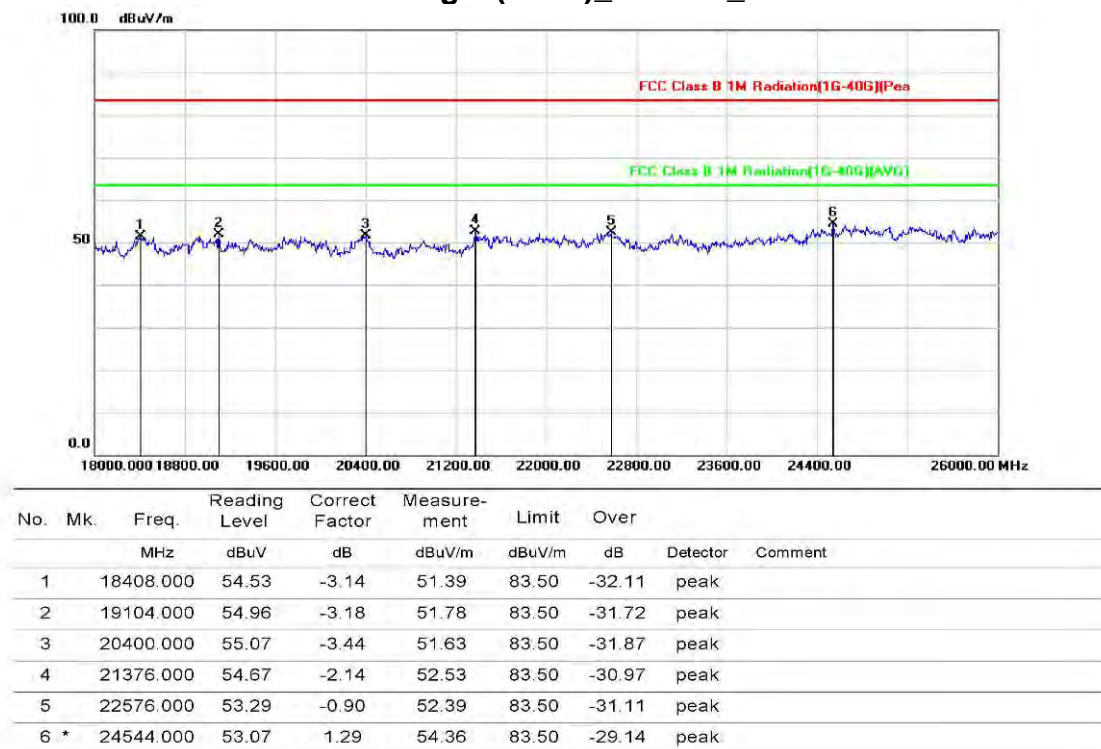


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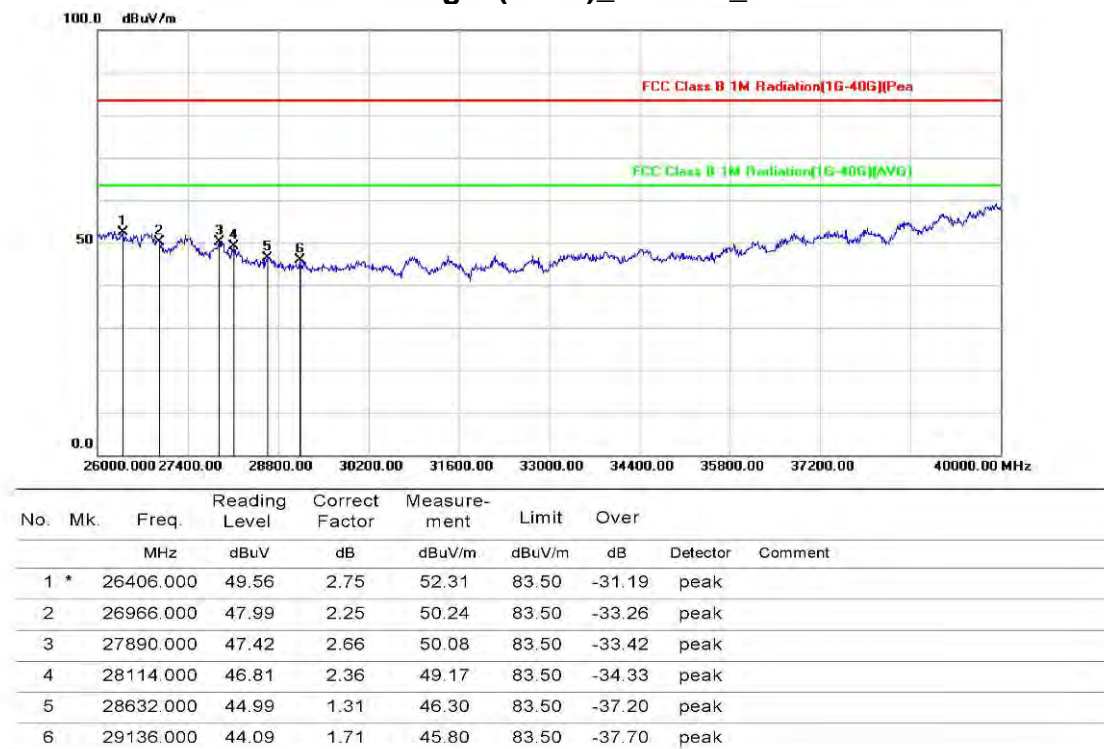
## Config 2 (Read)\_18~26G\_V



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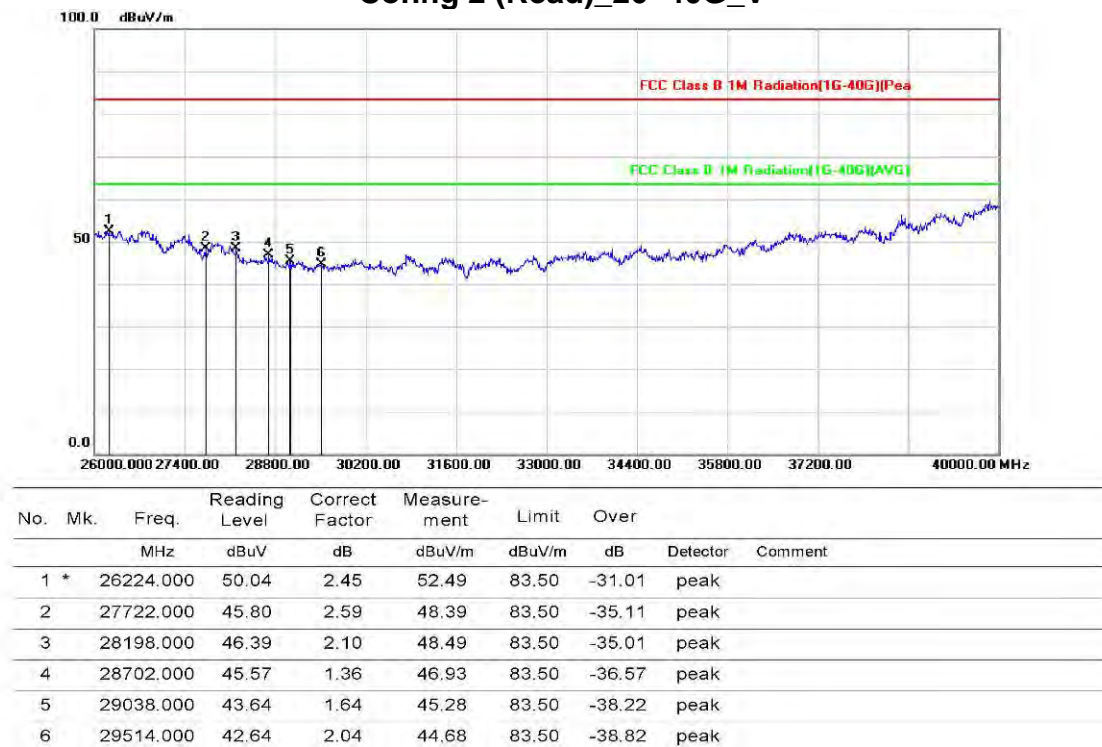
## Config 2 (Read)\_26~40G\_H



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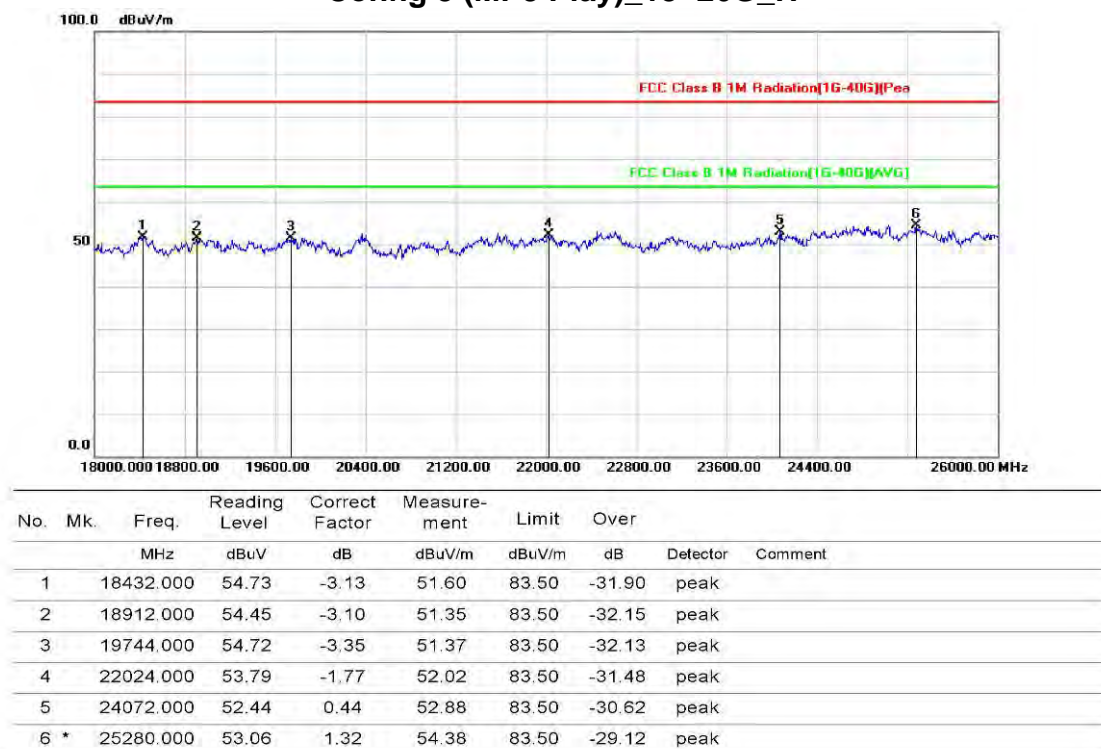
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## Config 2 (Read)\_26~40G\_V



The frequency band during 18GHz till 26.5 GHz that was not reported was verified with no extra obvious finding except ambient signals.

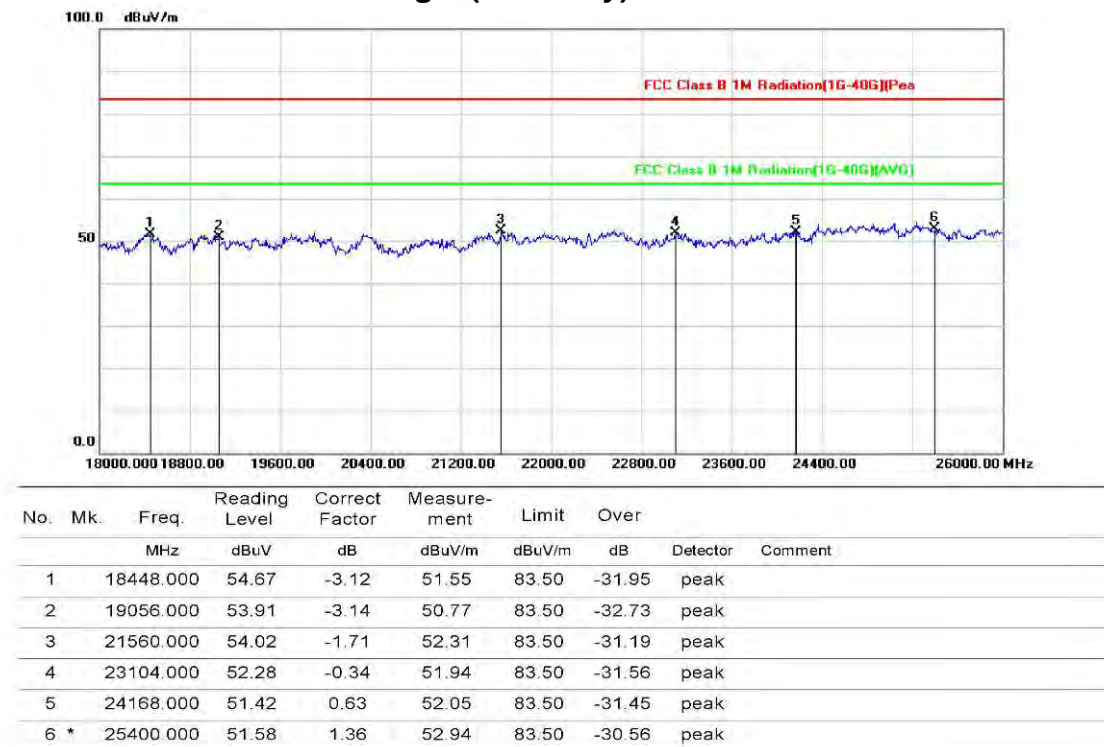
## Config 3 (MP3 Play)\_18~26G\_H



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## Config 3 (MP3 Play)\_18~26G\_V

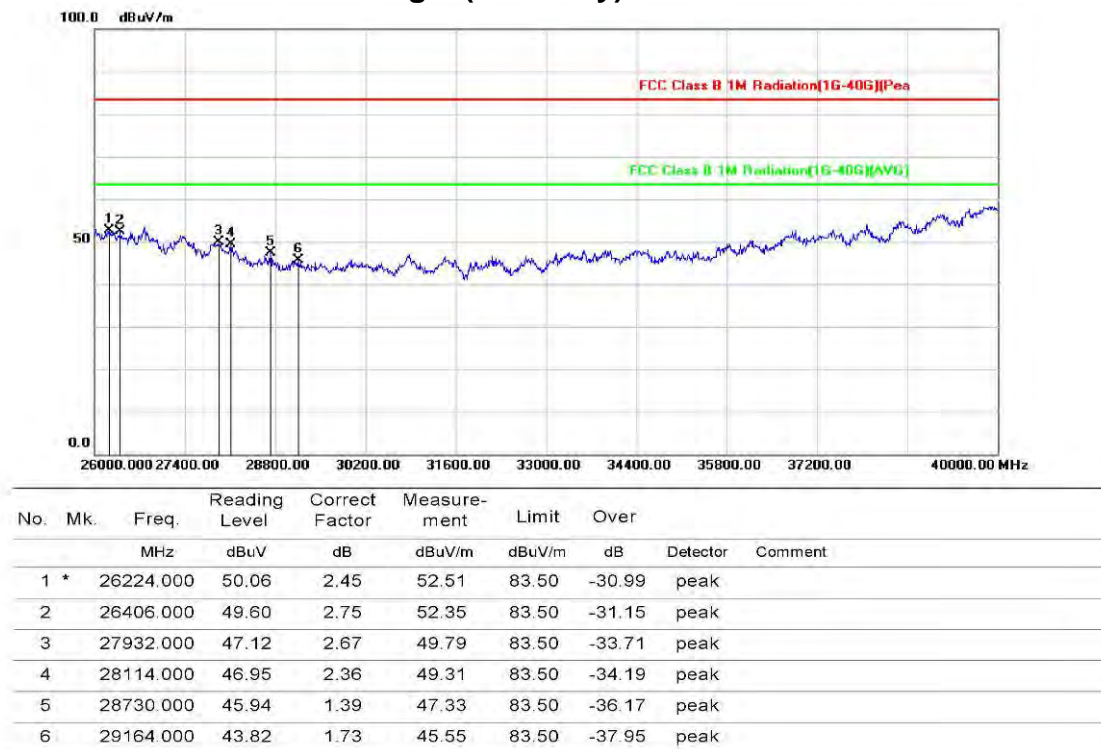


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## Config 3 (MP3 Play)\_26~40G\_H

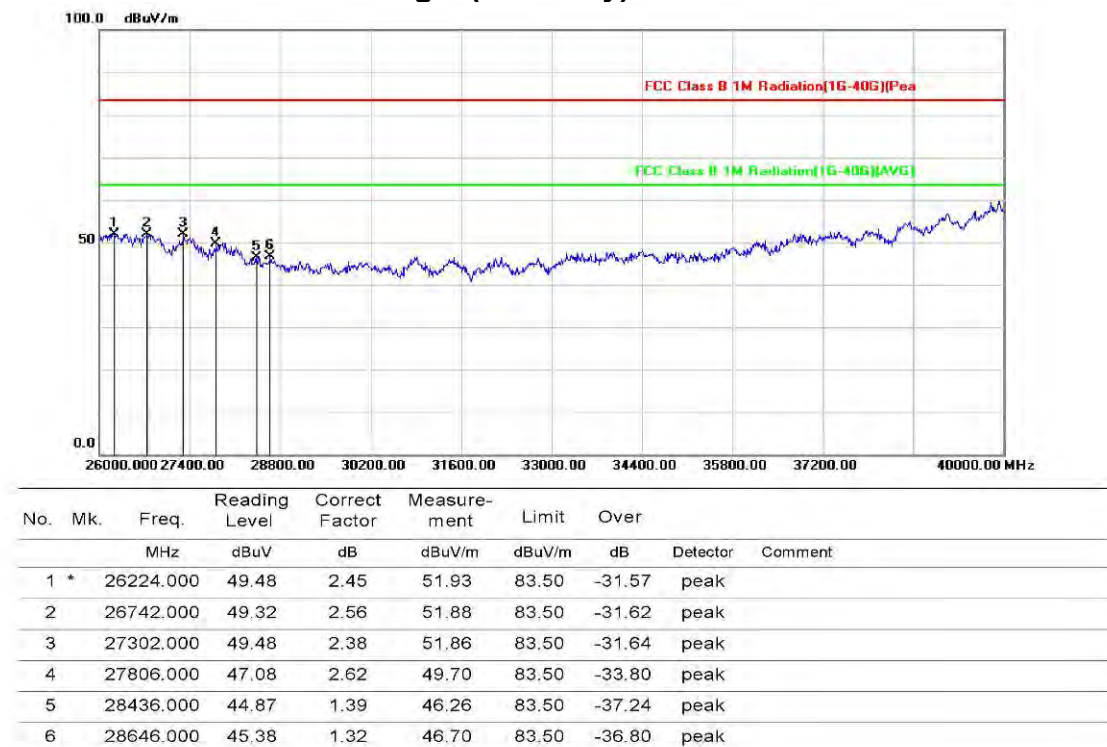


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## Config 3 (MP3 Play)\_26~40G\_V



The frequency band during 18GHz till 26.5 GHz that was not reported was verified with no extra obvious finding except ambient signals.

**\*\* End of Report \*\***

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SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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