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## **Revision History**

Report Number	Revision	Description	Issue Date
E1/2016/C0049	Rev.00	Initial creation of document	Mar. 27, 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	: PY7-47130J

## 1.3 Details of EUT

Power Supply	:	11.1Vdc
Worst case	:	CE _Worst_ case : Config 3 (MP3 Play) RE_Worst _case : Config 3 (MP3 Play)
Highest operate description Adapter	:	1.782 GHz 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

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FCC 15B	Config 1	Config 2	Config 3
Applicable standard (FCC 15B )			
Accessories	EUT +AC charger +HDMI Cable	EUT +HDMI Cable +USB Cable	EUT +AC charger +HDMI Cable

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## **1.4 Operation Procedure**

Config 1:

- 1. Connect the EUT to the SIM Card & Adapter & HDMI Cable and place it in the center of the desk edge.
- After the EUT is turned on, the WIFI.BT.GPS.NFC function (Idle) and the WWAN is not connected to the analog base station.
- 3. EUT through the HDMI Cable computer image screen projection.
- 4. Start the test.

Config 2:

- 1. Connect the EUT to the SIM Card & USB Cable & HDMI Cable.
- 2. After the EUT is turned on, the WIFI.BT.GPS.NFC function (Idle) and the WWAN is not connected to the analog base station.
- 3. The EUT transmits data via a USB cable to a computer.
- 4. Start the test.

## Config 3: MP3 Play

- 1. Connect the EUT to the SIM Card & USB Cable & HDMI Cable.
- After the EUT is turned on, the WIFI.BT.GPS.NFC function (Idle) and the WWAN is not connected to the analog base station.
- 3. After the EUT plays the music, start the test.

Config 3: Recording

- 1. Connect the EUT to the SIM Card & USB Cable & HDMI Cable.
- After the EUT is turned on, the WIFI.BT.GPS.NFC function (Idle) and the WWAN is not connected to the analog base station.
- 3. After the EUT performs the recording function, start the test.

Config 3: Play recording

- 1. Connect the EUT to the SIM Card & USB Cable & HDMI Cable.
- After the EUT is turned on, the WIFI.BT.GPS.NFC function (Idle) and the WWAN is not connected to the analog base station.
- 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	
SIM Card	R&S	CMW-Z05	8952530076180138474	
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**

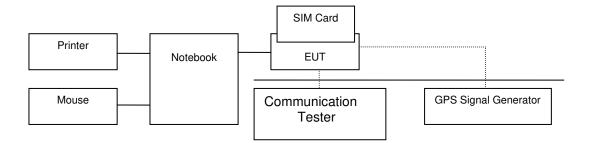
No modification was made by SGS Taiwan Electronics & Communication Laboratory.

#### **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



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#### **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)						n(dB)
FCC Part 15 Subpart B Class B	Conducted Emission	PASS	Line	0.5900	-10.35	(AVG)
			Neutral	0.5900	-10.60	(AVG)
01855 D	Radiated Emission	PASS	Ver.	35.8200	-2.70	(QP)

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# 2. EMISSION

2.1 Test Results

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## 2.3 Limits of Conducted and Radiated Emission

## 2.3.1 Limits of Conducted Emission

## 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.

## 2.3.2 Limits of Radiated Emissions

## FCC Part 15, Subpart B Limit:

Detector Function : Quasi - Peak

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

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#### **CISPR 22 Limit:**

	$\bullet$	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				

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

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

FREQUENCY	Class A (dB	uV/m) (at 3m)	Class B (dBuV/m) (at 3m)			
(GHz)	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.

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## 2.4.Test of Conducted Emission

#### 2.4.1 Test Equipments

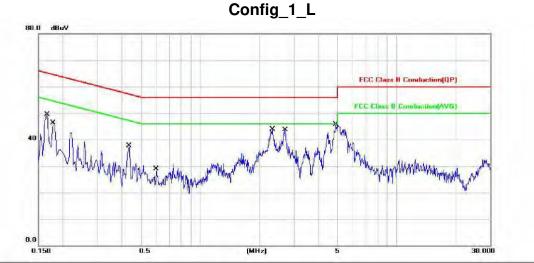
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## 2.4.4 Measurement Data:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1641	43.38	0.38	43.76	65.25	-21.49	QP	
2		0.1641	30.45	0.38	30.83	55.25	-24.42	AVG	
3		0.1780	41.51	0.39	41.90	64.58	-22.68	QP	
4		0.1780	24.19	0.39	24.58	54.58	-30.00	AVG	
5		0.4340	35.10	0.39	35.49	57.18	-21.69	QP	
6		0.4340	31.51	0.39	31.90	47.18	-15.28	AVG	
7		0.5980	24.20	0.40	24.60	56.00	-31.40	QP	
8		0.5980	19.05	0.40	19.45	46.00	-26.55	AVG	
9	-	2.3300	39.55	0.42	39.97	56.00	-16.03	QP	
10	1	2.3300	34.04	0.42	34.46	46.00	-11,54	AVG	
11		2.6900	39.18	0.43	39.61	56.00	-16.39	QP	
12		2.6900	33.72	0.43	34.15	46.00	-11.85	AVG	
13	j	4.8820	41.68	0.45	42.13	56.00	-13.87	QP	

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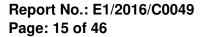
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No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
14 *	4.8820	34.76	0.45	35.21	46.00	-10.79	AVG	

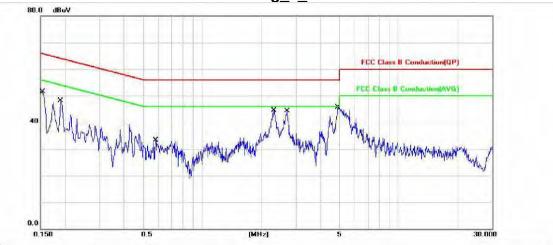
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Config\_1\_N



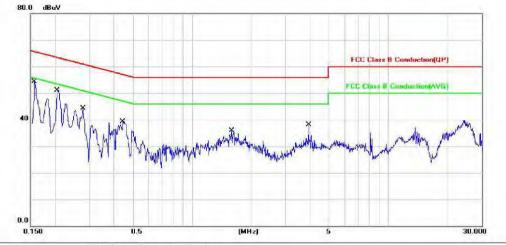
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	1	0.1540	43.60	0.38	43.98	65.78	-21.80	QP	
2		0.1540	26.42	0.38	26.80	55.78	-28.98	AVG	
3		0.1900	43.90	0.39	44.29	64.04	-19.75	QP	
4		0.1900	33.40	0.39	33.79	54.04	-20.25	AVG	
5		0.5820	28.05	0.40	28.45	56.00	-27.55	QP	
6		0.5820	21.02	0.40	21.42	46.00	-24.58	AVG	
7		2.3180	39.75	0.42	40.17	56.00	-15.83	QP	
8	*	2.3180	34.20	0.42	34.62	46.00	-11.38	AVG	
9		2.6940	38.94	0.43	39.37	56.00	-16.63	QP	
10		2.6940	33.50	0.43	33.93	46.00	-12.07	AVG	
11		4.9180	41.01	0.46	41.47	56.00	-14.53	QP	
12		4.9180	32.94	0.46	33.40	46.00	-12.60	AVG	

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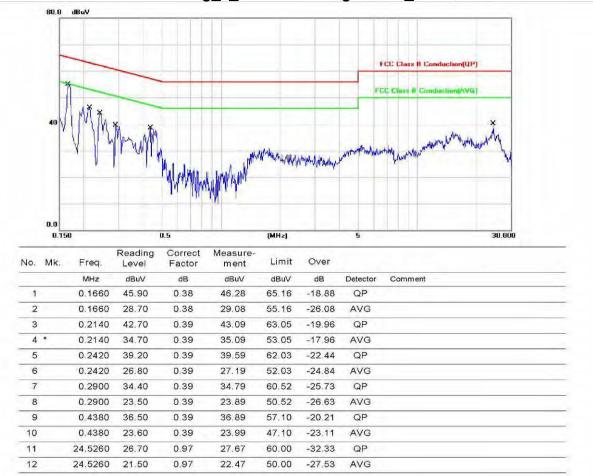
Config\_2\_Internal Storage Write\_L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	1.1	2.27	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment	
1		0.1580	48.50	0.33	48.83	65.57	-16.74	QP		
2		0.1580	31.10	0.33	31.43	55.57	-24.14	AVG		
3	*	0.2060	46.40	0.36	46.76	63.37	-16.61	QP		
4	-	0.2060	30.80	0.36	31.16	53.37	-22.21	AVG		
5		0.2780	39.60	0.36	39.96	60.88	-20.92	QP		
6	-	0.2780	29.60	0.36	29.96	50.88	-20.92	AVG		
7		0.4460	35.20	0.37	35.57	56.95	-21.38	QP		
8	9	0.4460	23.40	0.37	23.77	46.95	-23.18	AVG		
9		1.5940	32.80	0.37	33.17	56.00	-22.83	QP		
10		1.5940	22.70	0.37	23.07	46.00	-22,93	AVG		
11		3.9380	26.00	0.40	26.40	56.00	-29.60	QP		
12		3.9380	19.30	0.40	19.70	46.00	-26.30	AVG		

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Config\_2\_Internal Storage Write\_N

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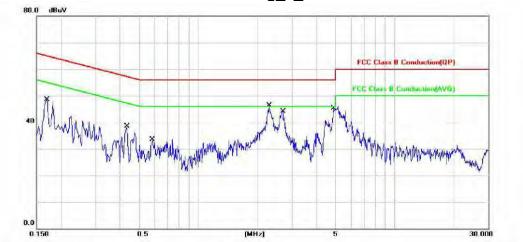
No. M	lk. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.162	0 41.00	0.38	41.38	65.36	-23.98	QP	
2	0.162	0 26.14	0.38	26.52	55.36	-28.84	AVG	
3	0.222	0 33.96	0.39	34.35	62.74	-28.39	QP	
4	0.222	0 22.26	0.39	22.65	52.74	-30.09	AVG	
5	0.598	0 24.05	0.40	24.45	56.00	-31.55	QP	
6	0.598	0 19.09	0.40	19.49	46.00	-26.51	AVG	
7	2.270	0 39.79	0.42	40.21	56.00	-15.79	QP	
8	2.270	0 33.93	0.42	34.35	46.00	-11.65	AVG	
9	2.666	0 41.02	0.43	41.45	56.00	-14.55	QP	
10 *	2.666	0 35.11	0.43	35.54	46.00	-10.46	AVG	
11	5.146	0 41.40	0.46	41.86	60.00	-18.14	QP	
12	5.146	0 33.34	0.46	33.80	50.00	-16.20	AVG	

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Config\_3\_N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	46.00	0.38	46.38	64.96	-18,58	QP	
2		0.1700	34.47	0.38	34.85	54.96	-20.11	AVG	
3		0.4340	36.64	0.39	37.03	57.18	-20.15	QP	
4		0.4340	32.30	0.39	32.69	47.18	-14.49	AVG	
5	-	0.5860	28.05	0.40	28.45	56.00	-27.55	QP	
6	1	0.5860	17.63	0.40	18.03	46.00	-27.97	AVG	
7		2.2980	40.22	0.42	40.64	56.00	-15.36	QP	
8	*	2.2980	33.95	0.42	34.37	46.00	-11.63	AVG	
9	() 	2.6980	38.72	0.43	39.15	56.00	-16.85	QP	
10		2.6980	33.23	0.43	33.66	46.00	-12.34	AVG	
11		4.8820	39.44	0.45	39.89	56.00	-16.11	QP	
12		4.8820	32.02	0.45	32.47	46.00	-13.53	AVG	

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### 2.5 Test of Radiated Emission

2.5.1 Test Equipments

**Below 1GHz** 

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Above 1GHz

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## 2.5.2 Operating Environment

Temperature : 22 degree C H Atmospheric Pressure : 996 mBar

Humidity : 69 %RH

## 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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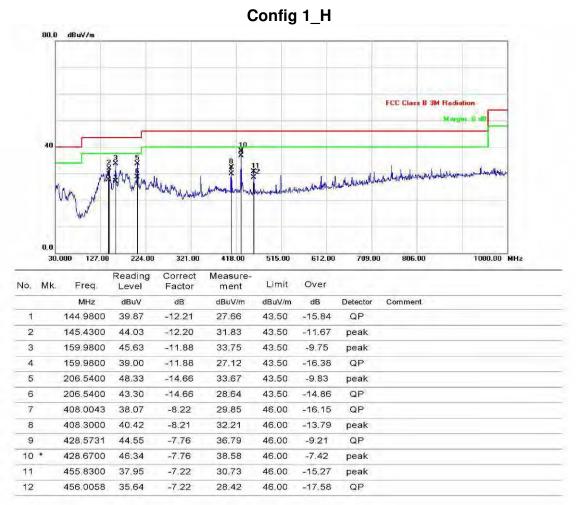
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#### 2.5.4 Measurement Data

#### **Below 1GHz**



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Config 1\_V 80.0 dBuV/m FCC Class B 3M Radiation ÷. 40 10 X9 multiputer had down 0.0 1000.00 MHz 30.000 127.00 224.00 321.00 418.00 515.00 612.00 709.00 806.00

No.	Mk.	Freq.	Level	Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35.8200	54.67	-12.62	42.05	40.00	2.05	peak	
2	1	36.0000	49.80	-12.60	37.20	40.00	-2.80	QP	
3	1	46.4900	50.36	-11.51	38.85	40.00	-1.15	peak	
4	1	47.7490	46.17	-11.47	34.70	40.00	-5.30	QP	
5	1	169.6800	50.19	-12.25	37.94	43.50	-5.56	peak	
6		169.6800	46.15	-12.25	33.90	43.50	-9.60	QP	
7		181.3200	50.57	-13,49	37.08	43.50	-6.42	peak	
8	9	181.3200	46.69	-13.49	33.20	43.50	-10.30	QP	
9	0	428.5780	39.02	-7.76	31.26	46.00	-14.74	QP	
10	4	428.6700	43.07	-7.76	35,31	46.00	-10.69	peak	
11		600.0040	37.11	-5.00	32.11	46.00	-13.89	QP	
12	6	600.3600	40.21	-5.00	35.21	46.00	-10.79	peak	

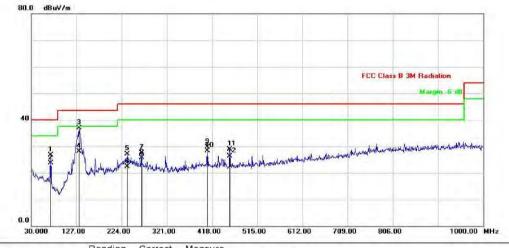
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Config 2 (Write) H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		71.7100	41.51	-14.77	26.74	40.00	-13.26	peak	
2		71.7100	38.57	-14.77	23.80	40.00	-16.20	QP	
з	*	132.8200	50.00	-13.19	36.81	43.50	-6.69	peak	
4		132.8200	41.39	-13.19	28.20	43.50	-15.30	QP	
5		236.6100	40.51	-13.40	27.11	46.00	-18.89	peak	
6		236.6100	35.80	-13.40	22.40	46.00	-23.60	QP	
7		266.6800	39.59	-12.13	27.46	46.00	-18.54	peak	
8		266.6800	37.83	-12.13	25.70	46.00	-20,30	QP	
9		408.3000	37.99	-8.21	29.78	46.00	-16.22	peak	
10		408.3000	36.51	-8.21	28.30	46.00	-17.70	QP	
11		455.8300	36.21	-7.22	28.99	46.00	-17.01	peak	
12		455.8300	33.62	-7.22	26.40	46.00	-19.60	QP	

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80.0 dBuV/n FCC Class B 3M Radiation Margin -5 \* Landrest 0.0 224.00 321.00 612.00 1000.00 MHz 30.000 418.00 515.00 709.00 806.00 127.0

Config 2 (Write)\_V

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	34.8500	49.43	-12.75	36.68	40.00	-3.32	peak	
2		34.8500	43.25	-12.75	30.50	40.00	-9.50	QP	
З		71.7100	45.82	-14.77	31.05	40.00	-8.95	peak	
4	1.1	71.7100	44.67	-14.77	29.90	40.00	-10.10	QP	
5		127.9700	51.01	-13.74	37.27	43.50	-6.23	peak	
6		127.9700	44.74	-13.74	31.00	43.50	-12.50	QP	
7		135.7300	49.99	-12.84	37.15	43,50	-6.35	peak	
8		135.7300	42.14	-12.84	29.30	43.50	-14.20	QP	
9		167,7400	48.13	-12.17	35.96	43.50	-7.54	peak	
10		167.7400	45.57	-12.17	33.40	43.50	-10.10	QP	
11		720.6400	35.07	-2.59	32.48	46.00	-13.52	peak	
12		720.6400	23.99	-2.59	21.40	46.00	-24.60	QP	

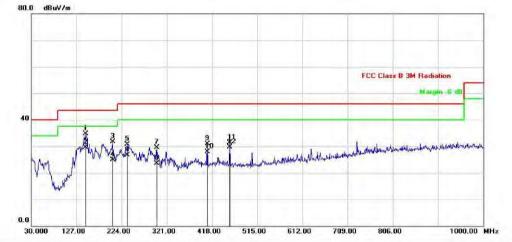
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Config 3 (MP3 Play) H



MHz 146 4000 146 4000	dBuV 46.90 41.71	dB -12.18	dBuV/m	dBuV/m	dB	D-1	0
146.4000		-12.18				Detector	Comment
	41.71		34.72	43.50	-8.78	peak	
A REAL TAXABLE AND A REAL PROPERTY AND A		-12.18	29.53	43.50	-13.97	QP	
204.6000	46.39	-14.65	31.74	43.50	-11.76	peak	
204,6000	39.54	-14.65	24.89	43.50	-18.61	QP	
236.6100	44.15	-13.40	30.75	46.00	-15.25	peak	
236.6100	40.18	-13.40	26.78	46.00	-19.22	QP	
299 6600	40.68	-11.11	29.57	46.00	-16.43	peak	
299,6600	34.60	-11.11	23.49	46.00	-22.51	QP	
408.3000	39.16	-8.21	30.95	46.00	-15.05	peak	
408.3000	36.02	-8.21	27.81	46.00	-18,19	QP	
455 8300	38.61	-7.22	31.39	46.00	-14.61	peak	
455,8300	36.87	-7.22	29.65	46.00	-16.35	QP	
	204 6000 236 6100 299 6600 299 6600 408 3000 408 3000 455 8300	204.6000         39.54           236.6100         44.15           236.6100         40.18           299.6600         40.68           299.6600         34.60           408.3000         39.16           408.3000         36.02           455.8300         38.61	204.6000         39.54         -14.65           236.6100         44.15         -13.40           236.6100         40.18         -13.40           299.6600         40.68         -11.11           299.6600         34.60         -11.11           408.3000         39.16         -8.21           408.3000         36.02         -8.21           455.8300         38.61         -7.22	204.6000         39.54         -14.65         24.89           236.6100         44.15         -13.40         30.75           236.6100         40.18         -13.40         26.78           299.6600         40.68         -11.11         29.57           299.6600         34.60         -11.11         23.49           408.3000         39.16         -8.21         30.95           408.3000         36.02         -8.21         27.81           455.8300         38.61         -7.22         31.39	204.6000         39.54         -14.65         24.89         43.50           236.6100         44.15         -13.40         30.75         46.00           236.6100         40.18         -13.40         26.78         46.00           299.6600         40.68         -11.11         29.57         46.00           299.6600         34.60         -11.11         23.49         46.00           408.3000         39.16         -8.21         30.95         46.00           408.3000         36.02         -8.21         27.81         46.00           455.8300         38.61         -7.22         31.39         46.00	204.6000         39.54         -14.65         24.89         43.50         -18.61           236.6100         44.15         -13.40         30.75         46.00         -15.25           236.6100         40.18         -13.40         26.78         46.00         -19.22           299.6600         40.68         -11.11         29.57         46.00         -22.51           408.3000         39.16         -8.21         30.95         46.00         -15.05           408.3000         36.02         -8.21         27.81         46.00         -18.19           455.8300         38.61         -7.22         31.39         46.00         -14.61	204.6000         39.54         -14.65         24.89         43.50         -18.61         QP           236.6100         44.15         -13.40         30.75         46.00         -15.25         peak           236.6100         40.18         -13.40         26.78         46.00         -19.22         QP           299.6600         40.68         -11.11         29.57         46.00         -16.43         peak           299.6600         34.60         -11.11         23.49         46.00         -22.51         QP           408.3000         39.16         -8.21         30.95         46.00         -15.05         peak           408.3000         36.02         -8.21         27.81         46.00         -18.19         QP           455.8300         38.61         -7.22         31.39         46.00         -14.61         peak

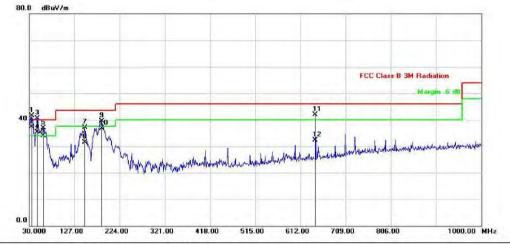
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Config 3 (MP3 Play)\_V



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35.8200	54.12	-12.62	41.50	40.00	1.50	peak	
2	1	35.8200	49.92	-12.62	37.30	40.00	-2.70	QP	
3	х	47.4600	51.99	-11.48	40.51	40.00	0.51	peak	
4	1	47.4600	46.88	-11.48	35.40	40.00	-4.60	QP	
5	1	60.0700	49.16	-12.31	36.85	40,00	-3,15	peak	
6		60.0700	46.31	-12.31	34.00	40.00	-6.00	QP	
7		149.3100	49.31	-12.11	37.20	43.50	-6.30	peak	
8	1.00	149.3100	43.53	-12.11	31.42	43.50	-12.08	QP	
9	1	185.2000	53.48	-13.90	39.58	43.50	-3.92	peak	
10	1	185.2000	50.65	-13.90	36.75	43.50	-6.75	QP	
11	1	644.0100	46.19	-4.34	41.85	46.00	-4.15	peak	
12		644.0100	36.74	-4.34	32.40	46.00	-13.60	QP	

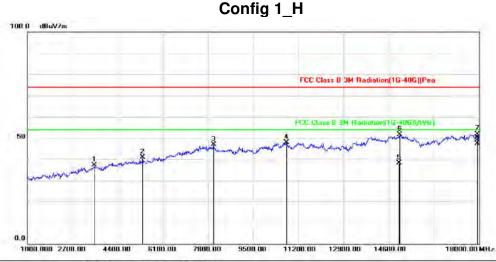
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### Above 1GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3533.000	48.28	-11.26	37.02	74.00	-36,98	peak	· · · · · · · · · · · · · · · · · · ·
2	ia.	5335.000	49.20	-8.23	40.97	74.00	-33.03	peak	
3		8004.000	47.27	-0.41	46.86	74.00	-27.14	peak	
4		10758.000	46.32	1.46	47.78	74.00	-26.22	peak	
5		15007.910	31.88	6.35	38.23	54.00	-15.77	AVG	
6	6 - A	15008.000	45.21	6.35	51.56	74.00	-22.44	peak	
7		17932.000	35.91	15.98	51.89	74.00	-22.11	peak	
8	*	17933.150	31.31	15.99	47.30	54.00	-6.70	AVG	

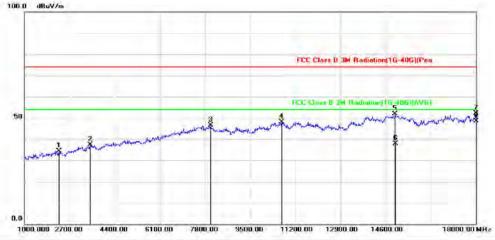
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Config 1\_V



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	1	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2292.000	48.28	-13.90	34.38	74.00	-39.62	peak	
2		3482.000	48.82	-11.35	37.47	74.00	-36.53	peak	
3		8021.000	47.07	-0.44	46 63	74.00	-27.37	peak	1
4		10690.000	46.79	1.39	48.18	74.00	-25.82	peak	
5		14957.000	45.52	6.28	51.80	74.00	-22.20	peak	
6	9	14972.000	31.49	6.32	37.81	54.00	-16.19	AVG	
7	1	18000.000	35.12	17.00	52,12	74.00	-21.88	peak	
8	*	18000.000	31.67	17.00	48.67	54.00	-5.33	AVG	

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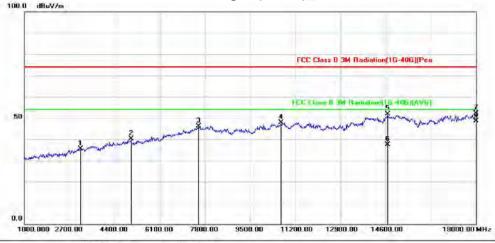
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Config 2 (Write)\_H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3125.000	47.57	-12.20	35.37	74.00	-38.63	peak	
2		5012.000	48.34	-8.30	40.04	74.00	-33.96	peak	
3		7562.000	46.77	-0.75	46.02	74.00	-27.98	peak	
4	1	10656.000	46.48	1.36	47.84	74.00	-26.16	peak	
5	1.1.1	14668.000	46.35	5.54	51.89	74.00	-22.11	peak	
6	-	14668.120	31.95	5.54	37.49	54.00	-16.51	AVG	
7	1.50	18000.000	35.15	17.00	52.15	74.00	-21.85	peak	
8	*	18000.000	31.72	17.00	48.72	54.00	-5.28	AVG	
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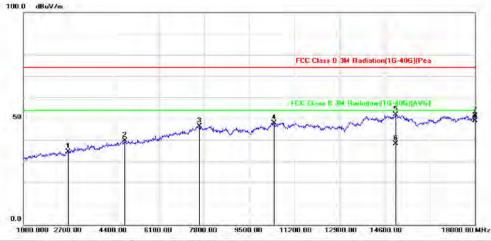
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Config 2 (Write)\_V



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2683.000	47.43	-12.94	34,49	74.00	-39.51	peak	
2	1	4825.000	48.25	-8.65	39.60	74.00	-34.40	peak	
3	1	7630.000	47.08	-0.69	46.39	74.00	-27.61	peak	
4		10435.000	46.97	1.02	47.99	74.00	-26.01	peak	
5	1	15008.000	45.42	6.35	51.77	74.00	-22.23	peak	
6	1	15009.020	31.78	6.35	38.13	54.00	-15.87	AVG	
7	-	18000.000	34.50	17.00	51.50	74.00	-22.50	peak	
8		18000.000	31.76	17.00	48.76	54.00	-5.24	AVG	

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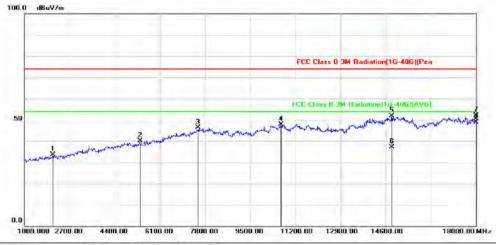
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Config 3 (MP3 Play)\_H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	-	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2071.000	48.28	-14.66	33.62	74.00	-40,38	peak	
2		5352.000	48.31	-8.23	40.08	74.00	-33.92	peak	
3		7545.000	47.15	-0.76	46.39	74.00	-27.61	peak	
4		10656.000	46.64	1.36	48.00	74.00	-26.00	peak	
5	1	14838.000	45.96	5.98	51.94	74.00	-22.06	peak	
6	1.1.1	14838.890	31.20	5.98	37.18	54.00	-16.82	AVG	
7		18000.000	35.23	17.00	52.23	74.00	-21.77	peak	
8	*	18000.000	31.80	17.00	48.80	54.00	-5.20	AVG	

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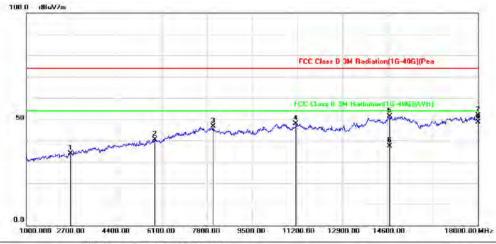
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Config 3 (MP3 Play)\_V



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2666.000	46.97	-12.97	34.00	74.00	-40.00	peak	
2	9	5845.000	47.21	-6.82	40.39	74.00	-33.61	peak	
3		8038.000	46.98	-0.47	46.51	74.00	-27.49	peak	1
4	1	11149.000	45.98	1.79	47.77	74.00	-26.23	peak	
5	1	14685.000	45.79	5.58	51.37	74.00	-22.63	peak	
6	h. 11	14685.170	31.80	5.58	37.38	54.00	-16.62	AVG	
7	1.11	18000.000	34.99	17.00	51,99	74.00	-22.01	peak	
8	*	18000.000	31.71	17.00	48.71	54.00	-5.29	AVG	
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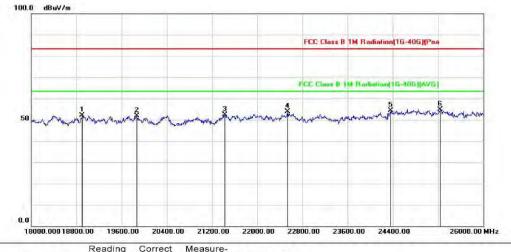
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Config 1\_18~26G\_H



No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		18904.000	55.27	-3.10	52.17	83.50	-31.33	peak	
2		19872.000	55.23	-3.28	51.95	83.50	-31.55	peak	
3		21424.000	54.25	-1.98	52.27	83.50	-31.23	peak	
4		22536.000	54.74	-0.96	53.78	83.50	-29.72	peak	
5		24360.000	53.32	1.02	54.34	83.50	-29.16	peak	
6	*	25240.000	53.70	1.29	54.99	83.50	-28.51	peak	

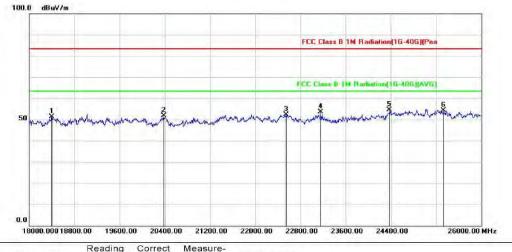
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Config 1\_18~26G\_V



No.	Mk.	Freq.	Level	Factor	ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		18400.000	54.55	-3.14	51.41	83.50	-32.09	peak		
2		20384.000	55.22	-3.43	51.79	83.50	-31.71	peak		
3		22552.000	53.21	-0.94	52.27	83.50	-31.23	peak		
4		23160.000	53.84	-0.31	53.53	83.50	-29.97	peak		
5	*	24376.000	53.51	1.06	54.57	83.50	-28.93	peak		
6		25336.000	53.01	1.34	54.35	83.50	-29.15	peak		
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6

28926.000

29542.000

43.44

43.89

1.55

2.09

44.99

45.98

Config 1\_26~40G\_H



83.50

83.50

-38.51

-37.52

peak

peak

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Config 1\_26~40G\_V 100.0 dBuV/m FCC Class B 1M Radiation[16-40G][Pea FICE Classe D 1M Radi CIG-ADGIJAVG 50 0.0 26000.000 27400.00 28800.00 30200.00 31600.00 33000.00 34400.00 35800.00 37200.00 40000.00 MHz Reading Correct Measure-No. Mk. Freq. Limit Over Level Factor ment dB MHz dBuV dBuV/m dBuV/m dB Detector Comment 26742.000 2.56 -36.43 44.51 47.07 83.50 1 peak 2 27148 000 43 82 2.29 46 11 83 50 -37 39 peak 3 27918.000 44.01 2.67 46 68 83.50 -36.82 peak 4 28660.000 44.32 1.33 45.65 83.50 -37.85 peak 5 29206.000 43.64 1.76 45.40 83.50 -38.10 peak 6 29850.000 43.48 2.70 46.18 83.50 -37.32 peak

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

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23784.000

24200.000

25800.000

51.75

51.62

52.19

0.13

0.70

1.76

51.88

52.32

53.95

100.0 dBuV/m FCE Class B 1M Radiation[16-406][Pea FCC Class 9 1M Basis HTG-ARGHAVE 50 0.0 18000.000 18800.00 19600.00 20400.00 21200.00 22000.00 22800.00 23600.00 24400.00 26000.00 MHz Reading Correct Measure-No. Mk. Freq. Limit Over Level Factor ment MHz dBuV dB dBuV/m dBuV/m dB Detector Comment -3.41 50.73 -32.77 19392.000 54.14 83.50 1 peak 2 54 72 51 23 20888.000 -3 49 83 50 -32 27 peak 3 22168.000 53.65 -1.54 52.11 83.50 -31.39 peak

83.50

83.50

83.50

-31.62

-31.18

-29.55

peak

peak

peak

Config 2 (Write)\_18~26G\_H

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f (886-2) 2298-0488

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100.0 dBuV/m FCC Class B 1M Radiation(16-406)(Pea FCC Class B 1M Radiation(16-406)(AV6) FCC C

Config 2 (Write)\_18~26G\_V

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	1	8408.000	54.44	-3.14	51.30	83.50	-32.20	peak		
2	2	21632.000	53.96	-1.73	52.23	83.50	-31.27	peak		
3	2	2552.000	53.22	-0.94	52.28	83.50	-31.22	peak		
4	2	23224.000	51.77	-0.27	51.50	83.50	-32.00	peak		
5	2	4368.000	51.79	1.03	52.82	83.50	-30.68	peak		
6	* 2	25240.000	52,69	1.29	53.98	83.50	-29.52	peak		

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100.0 dBuV/m FCC Class B 1M Radiation[16-406][Pea FCC Class B 1M Rad

Config 2 (Write)\_26~40G\_H

Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
700.000	43.89	2.62	46.51	83.50	-36.99	peak		
260.000	44.06	2.35	46.41	83.50	-37.09	peak		
834.000	43.56	2.63	46.19	83.50	-37.31	peak		
240.000	43.40	1.98	45.38	83.50	-38.12	peak		
178.000	43.22	1.75	44.97	83.50	-38.53	peak		
696,000	42.89	2.39	45.28	83.50	-38.22	peak		
696	.000	.000 42.89	.000 42.89 2.39	.000 42.89 2.39 45.28	.000 42.89 2.39 45.28 83.50	.000 42.89 2.39 45.28 83.50 -38.22	.000 42.89 2.39 45.28 83.50 -38.22 peak	.000 42,89 2.39 45.28 83.50 -38.22 peak

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100.0 dBuV/m FCC Class B 1M Radiation[16-406][Pea FCC Clase & 1M Rail dis-406 BAVD 50 0.0 40000.00 MHz 26000.000 27400.00 30200.00 31600.00 33000.00 34400.00 35800.00 37200.00 28800.00 Reading Correct Measure-Limit Over No. Mk. Freq. Level Factor ment MHz dBuV dB dBuV/m dBuV/m dB Detector Comment 1 26826.000 42.97 2.44 45.41 83.50 -38.09 peak 2 \* 27946.000 43.94 2.68 46.62 83.50 -36.88 peak 28268.000 43.94 45.83 3 1.89 83.50 -37.67 peak 4 29066.000 43.61 45.26 1.65 83.50 -38.24 peak 5 29276.000 42 80 44.63 83 50 -38 87 1 83 peak 6 29542.000 43.41 2.09 45.50 83.50 -38.00 peak

Config 2 (Write) 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.

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1

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3

4

5 \*

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18776.000

20880.000

22056.000

23400.000

24648.000

25032.000

53.08

52.79

52.58

49 39

51.84

50.95

-3.10

-3.50

-1.72

-0.16

1.27

1.22

49.98

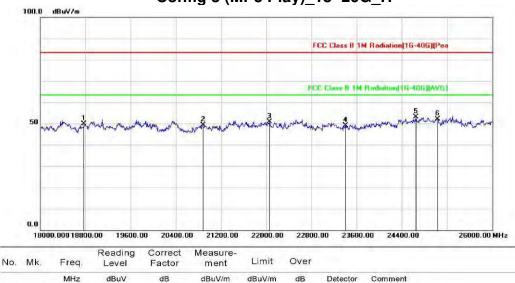
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50.86

49 23

53.11

52.17



83.50

83.50

83.50

83 50

83.50

83.50

-33.52

-34.21

-32.64

-34 27

-30.39

-31.33

peak

peak

peak

peak

peak

peak

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

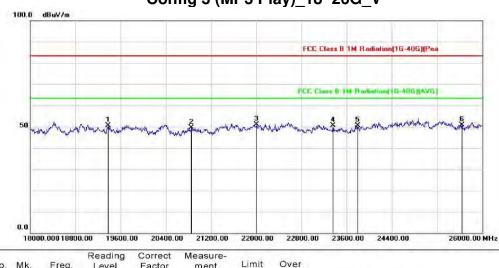
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Config 3 (MP3 Play)\_18~26G\_V

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		19384.000	54.11	-3.41	50.70	83.50	-32.80	peak	10	
2		20848.000	53.22	-3.50	49.72	83.50	-33.78	peak		
3	*	22008.000	52.95	-1.79	51.16	83.50	-32.34	peak		
4		23360.000	50.86	-0.19	50.67	83.50	-32.83	peak		
5		23800.000	50.59	0.14	50.73	83.50	-32.77	peak		
6		25640.000	49.38	1.57	50.95	83.50	-32.55	peak		

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f (886-2) 2298-0488





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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3	27022.000	42.79	2.22	45.01	83.50	-38.49	peak	
2		27540.000	42.77	2.52	45.29	83.50	-38.21	peak	
3	1.1.4	28156.000	43.38	2.23	45.61	83.50	-37.89	peak	
4	-	28716.000	43.62	1.37	44.99	83.50	-38.51	peak	
5	1	29080.000	43.41	1.67	45.08	83.50	-38.42	peak	
6	*	29892.000	43.48	2.79	46.27	83.50	-37.23	peak	

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100.0 dBuV/m FCC Class B 1M Radiation[16-406][Pe FCC Class D 1M Ball TIG-40GHAVG 50 0.0 25000 000 27400 00 40000.00 MHz 28800 00 30200.00 31600.00 33000.00 34400.00 35800.00 37200.00 Reading Correct Measure-No. Mk. Freq. Factor Limit Over Level ment MHz dBuV dB dBuV/m dBuV/m dB Detector Comment 26154.000 42.99 2.34 45.33 83.50 -38.17 1 peak 2 \* 27330.000 43.44 45.83 83.50 2.39 -37.67 peak 3 28072.000 42.99 2.49 45.48 83.50 -38.02 peak 43 54 45 01 4 28408.000 1 47 83 50 -38 49 peak 5 28786.000 44.00 1.44 45.44 83.50 -38.06 peak 6 29542.000 43.41 2.09 45.50 83.50 -38.00 peak

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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