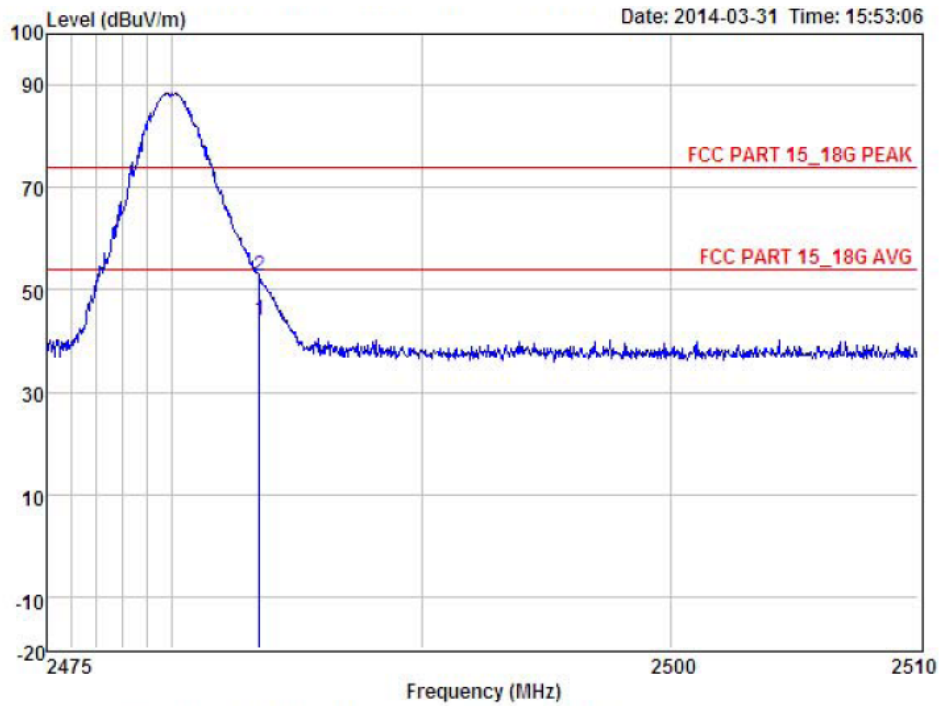


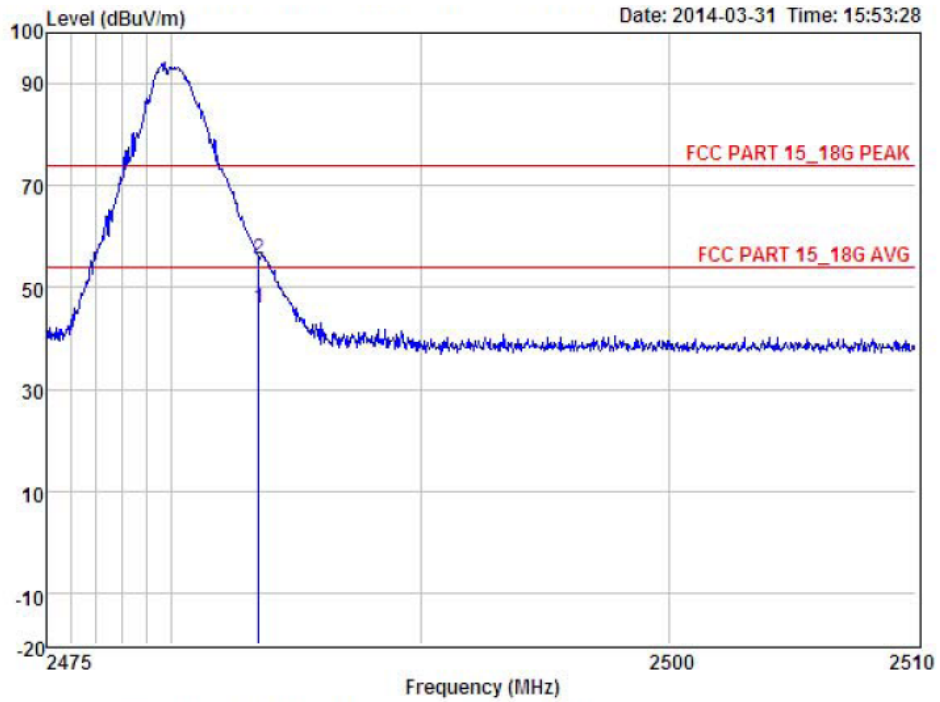
Highest CH:



Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4QPSK H CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	47.24	27.59	34.97	4.00	43.86	54.00	-10.14	Average
2	2483.50	56.21	27.59	34.97	4.00	52.83	74.00	-21.17	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

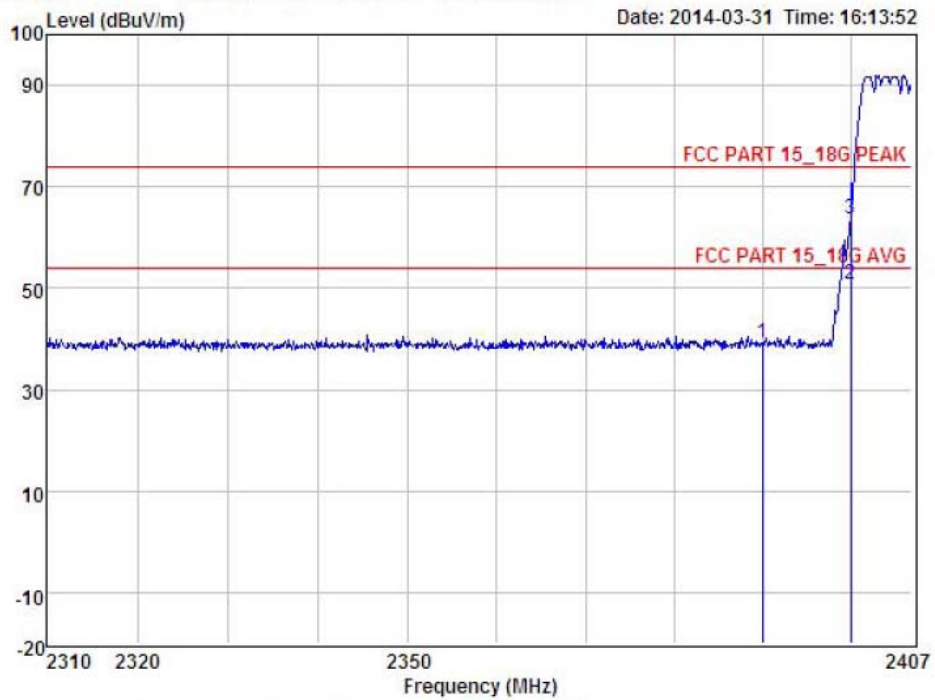


Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4DQPSK H CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	49.31	27.59	34.97	4.00	45.93	54.00	-8.07	Average
2	2483.50	59.03	27.59	34.97	4.00	55.65	74.00	-18.35	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

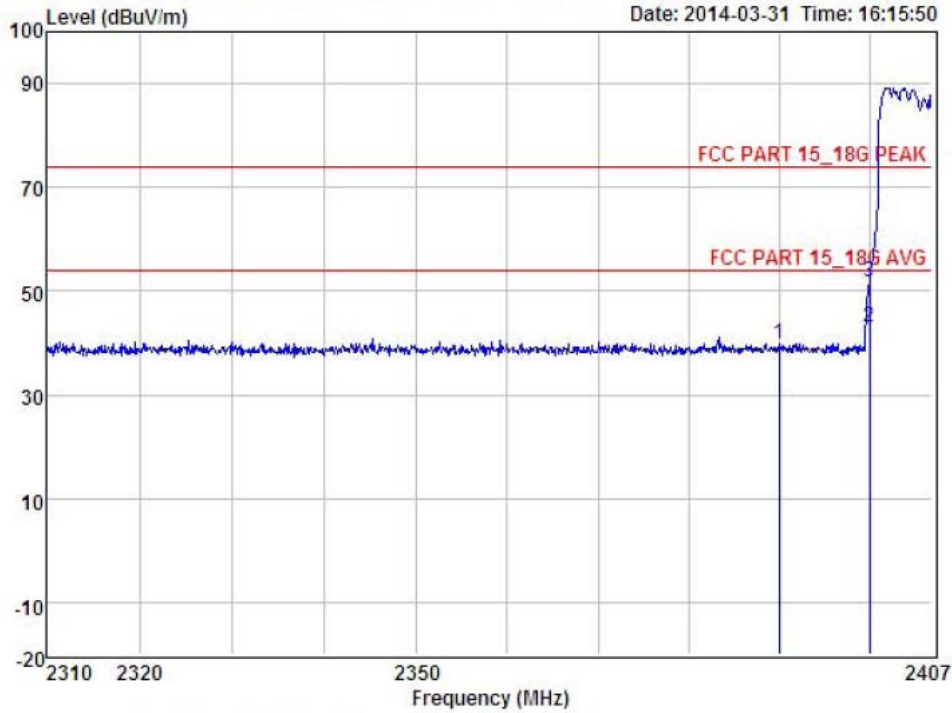
Hopping mode:



Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4 DQPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	42.69	27.62	34.97	3.92	39.26	74.00	-34.74	Peak
2	2400.00	54.27	27.62	34.97	3.94	50.86	54.00	-3.14	Average
3	2400.00	67.06	27.62	34.97	3.94	63.65	74.00	-10.35	Peak

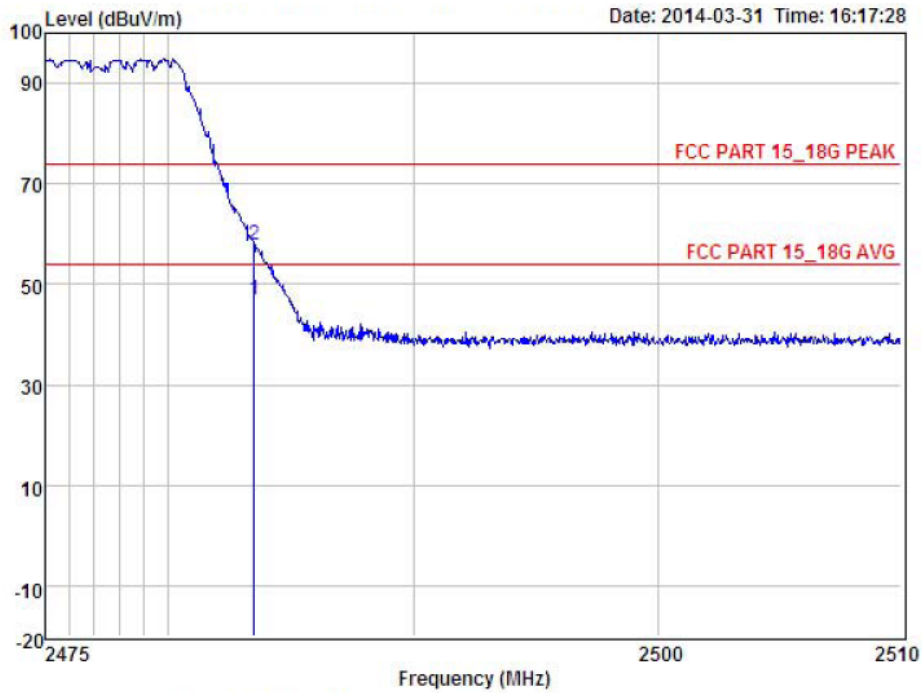
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4 DQPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	43.40	27.62	34.97	3.92	39.97	74.00	-34.03	Peak
2	2400.00	46.32	27.62	34.97	3.94	42.91	54.00	-11.09	Average
3	2400.00	55.20	27.62	34.97	3.94	51.79	74.00	-22.21	Peak

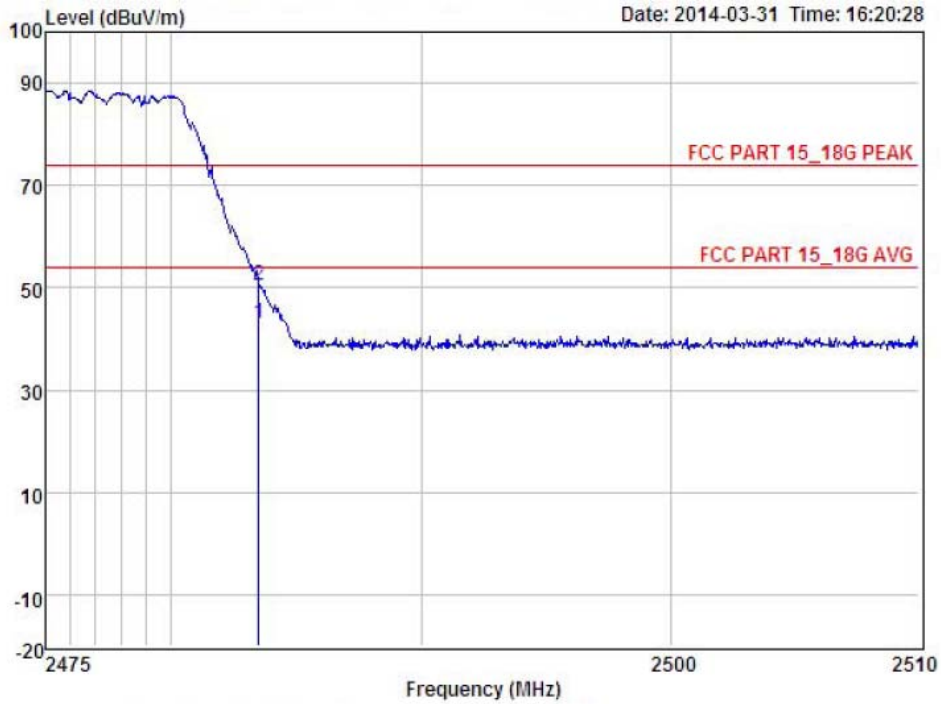
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4 DQPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	50.31	27.59	34.97	4.00	46.93	54.00	-7.07	Average
2	2483.50	61.38	27.59	34.97	4.00	58.00	74.00	-16.00	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



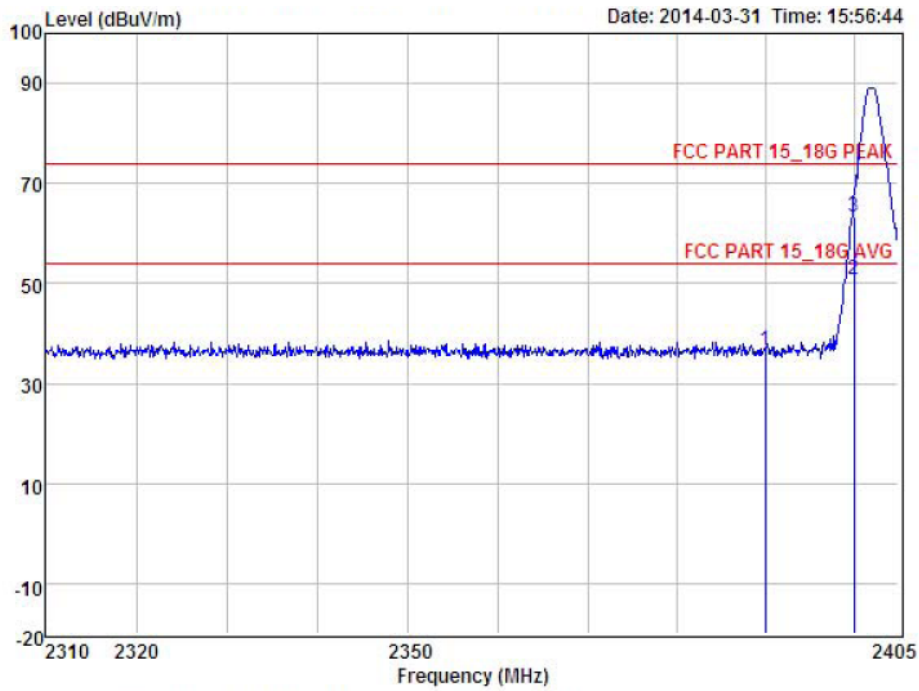
Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : Pi/4 DQPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	46.31	27.59	34.97	4.00	42.93	54.00	-11.07	Average
2	2483.50	53.92	27.59	34.97	4.00	50.54	74.00	-23.46	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

8-DPSK

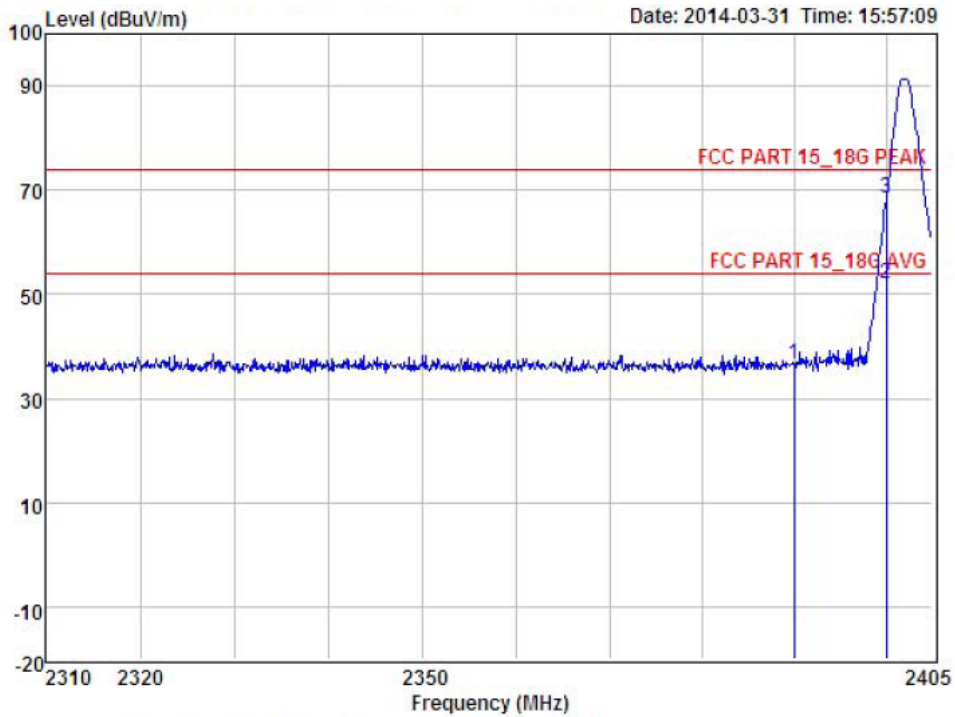
Lowest CH:



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUI : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK L CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	39.94	27.62	34.97	3.92	36.51	74.00	-37.49	
2	2400.00	54.32	27.62	34.97	3.94	50.91	54.00	-3.09	Average
3	2400.00	66.75	27.62	34.97	3.94	63.34	74.00	-10.66	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

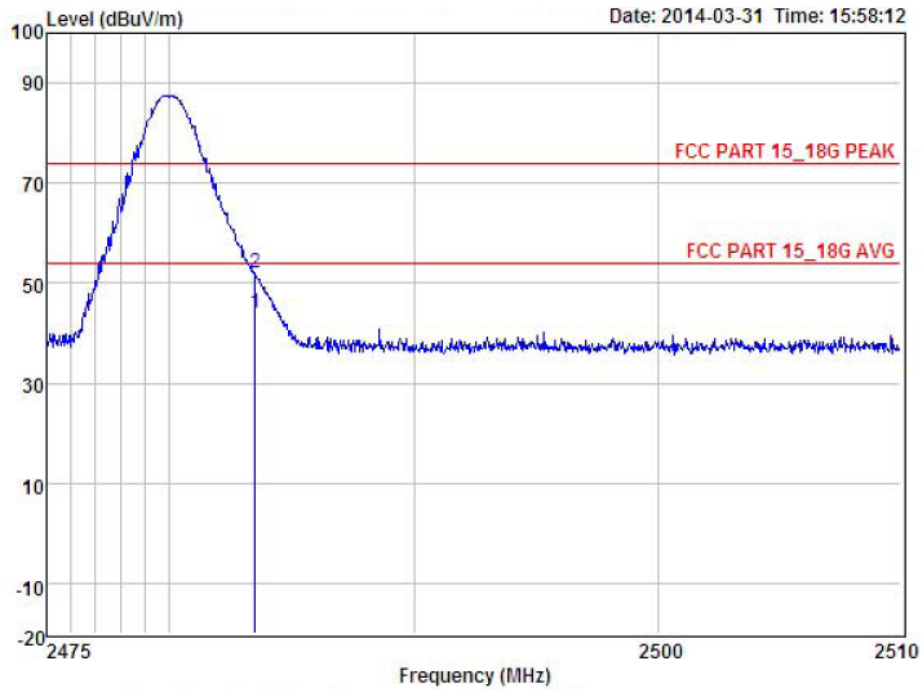


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUI : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK L CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	40.08	27.62	34.97	3.92	36.65	74.00	-37.35	Peak
2	2400.00	55.35	27.62	34.97	3.94	51.94	54.00	-2.06	Average
3	2400.00	71.93	27.62	34.97	3.94	68.52	74.00	-5.48	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

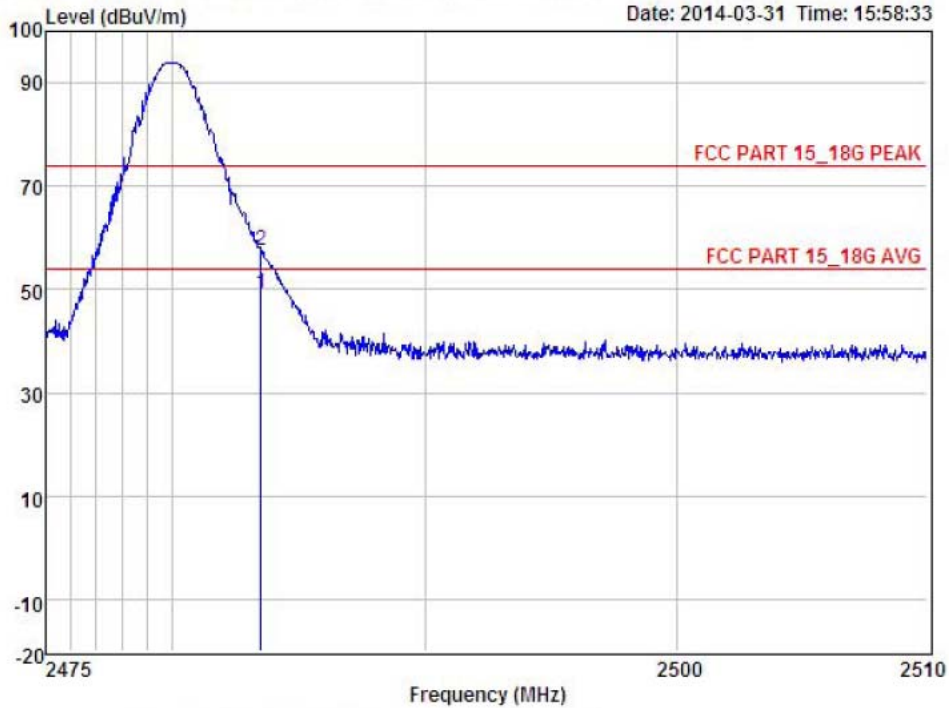
Highest CH:



Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK H CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	47.31	27.59	34.97	4.00	43.93	54.00	-10.07	Average
2	2483.50	55.40	27.59	34.97	4.00	52.02	74.00	-21.98	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

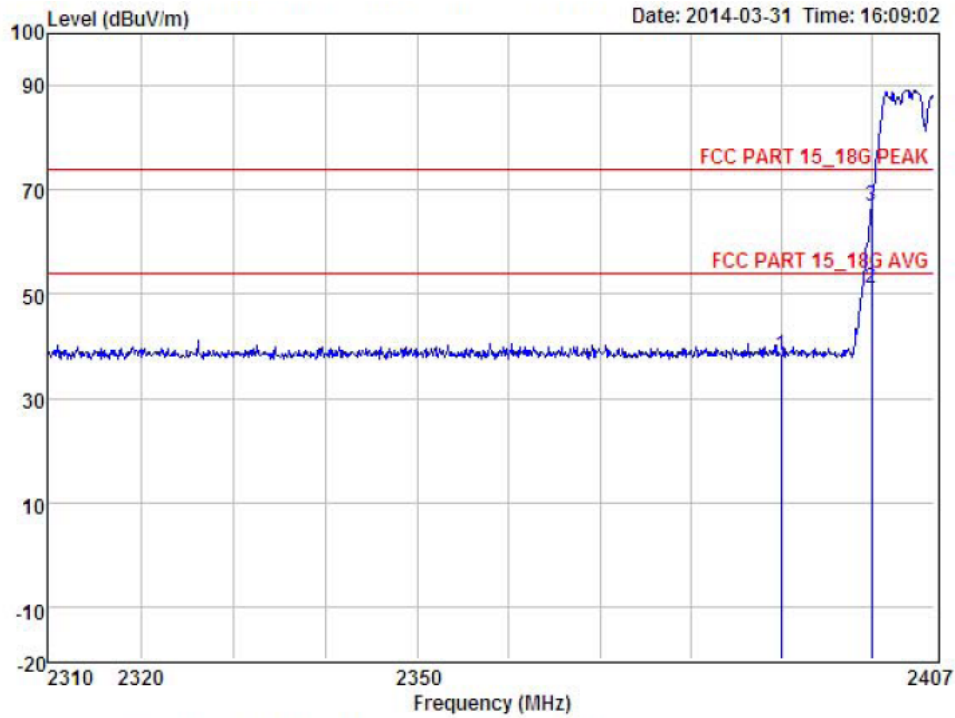


Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUI : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK H CH
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	52.67	27.59	34.97	4.00	49.29	54.00	-4.71	Average
2	2483.50	60.77	27.59	34.97	4.00	57.39	74.00	-16.61	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

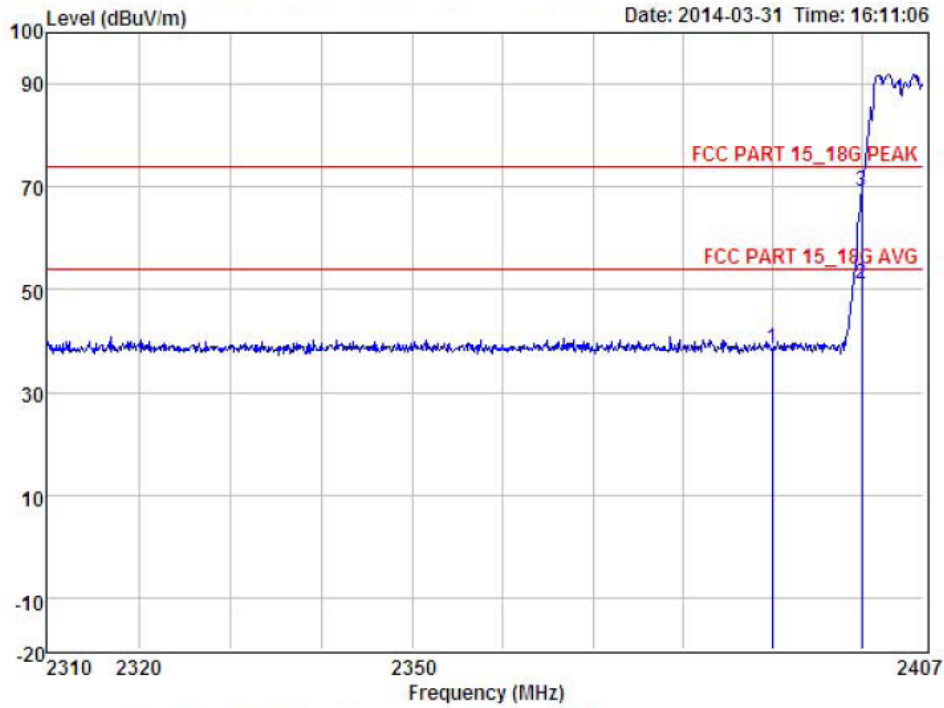
Hopping mode:



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	41.64	27.62	34.97	3.92	38.21	74.00	-35.79	Peak
2	2400.00	54.58	27.62	34.97	3.94	51.17	54.00	-2.83	Average
3	2400.00	70.32	27.62	34.97	3.94	66.91	74.00	-7.09	Peak

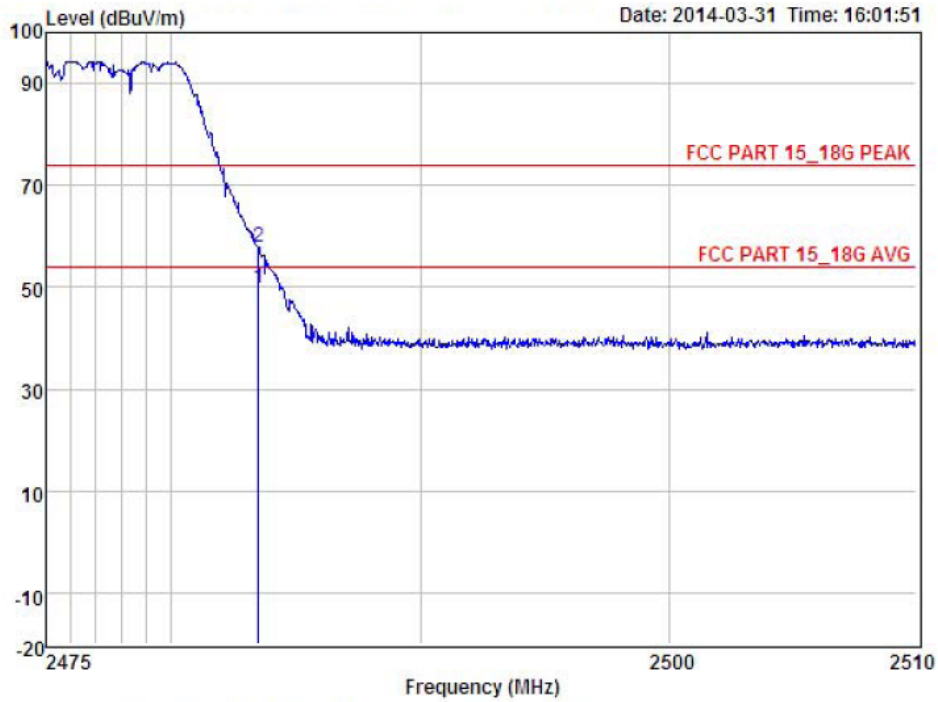
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	42.14	27.62	34.97	3.92	38.71	74.00	-35.29	Peak
2	2400.00	54.52	27.62	34.97	3.94	51.11	54.00	-2.89	Average
3	2400.00	72.53	27.62	34.97	3.94	69.12	74.00	-4.88	Peak

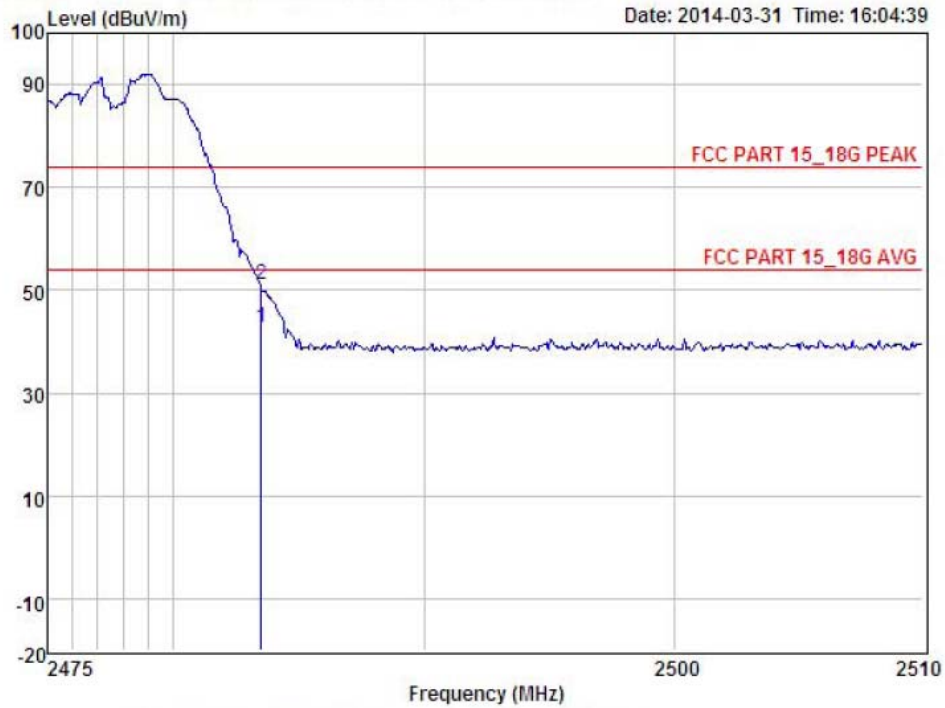
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	53.25	27.59	34.97	4.00	49.87	54.00	-4.13	Average
2	2483.50	61.21	27.59	34.97	4.00	57.83	74.00	-16.17	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



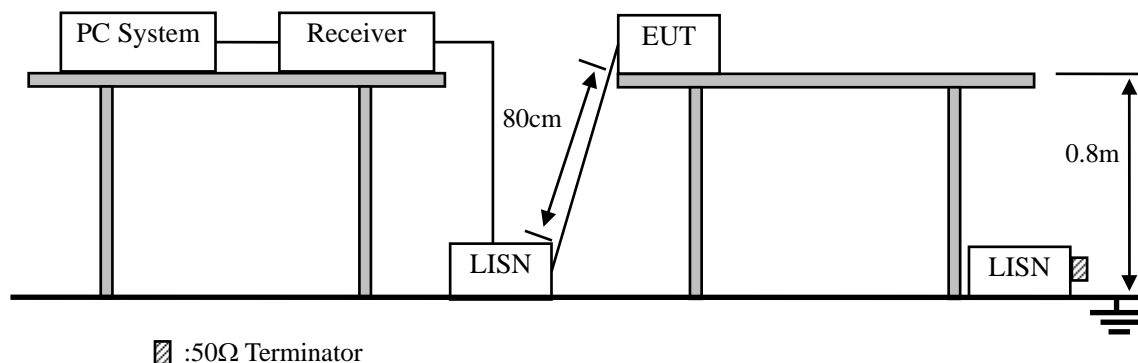
Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
 EUT : Portable Mini Bluetooth Speaker
 Model No : Mini Bass
 Test Mode : 8DPSK Hopping mode
 Power : DC 5V from PC
 Test Engineer : Joe
 Remark :
 Temp : 24.2°C
 Hum : 54%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	46.27	27.59	34.97	4.00	42.89	54.00	-11.11	Average
2	2483.50	54.57	27.59	34.97	4.00	51.19	74.00	-22.81	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

10. Power Line Conducted Emissions

10.1. Block Diagram of Test Setup



10.2. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

- Notes: 1. * Decreasing linearly with logarithm of frequency.
 2. The lower limit shall apply at the transition frequencies.

10.3. Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane.
- (2) Setup the EUT and simulator as shown in 10.1
- (3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4 2003 on conducted Emission test.
- (4) The bandwidth of test receiver is set at 10KHz.
- (5) The frequency range from 150 KHz to 30MHz is checked.

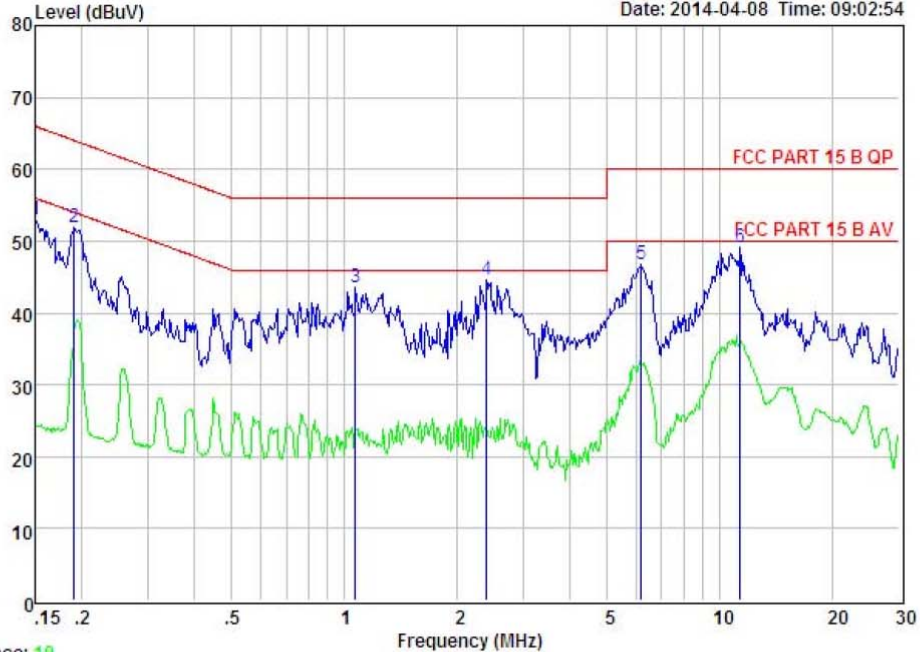
10.4. Test Result

PASS. (See below detailed test data)



Shenzhen Certification Technology Service Co., Ltd.
 2F, Building B, East Area of Nanchang Second Industrial Zone,
 Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
 Tel: 4006786199 Fax: +86-755-26736857
 Website: http://www.cessz.com Email: Service@cessz.com

Data: 18 File: E:\TEST REPORT\jjoel\Conduction 0.15-30.EM6 (21) Date: 2014-04-08 Time: 09:02:54



Trace: 19
 Condition : FCC PART 15 B QP POL: LINE Temp: 24 °C Hum: 56 %
 EUT : Dancing water speaker
 Model No : EF-B205
 Test Mode : Charging+Transmitting
 Power : DC 5V from PC
 Test Engineer: Joe
 Remark :

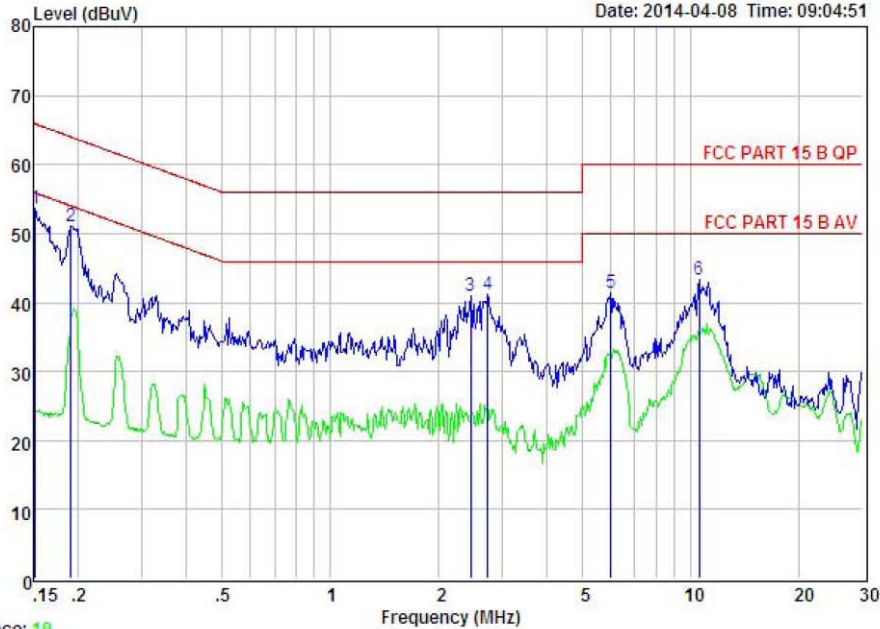
Item	Freq MHz	Read dBuV	LISN Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	0.150	43.12	0.03	-9.72	0.10	52.97	66.00	-13.03	QP
2	0.190	41.96	0.03	-9.72	0.10	51.81	64.02	-12.21	QP
3	1.071	33.70	0.04	-9.71	0.10	43.55	56.00	-12.45	QP
4	2.396	34.82	0.06	-9.70	0.11	44.69	56.00	-11.31	QP
5	6.186	36.90	0.11	-9.60	0.14	46.75	60.00	-13.25	QP
6	11.317	39.10	0.24	-9.48	0.22	49.04	60.00	-10.96	QP

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss



Shenzhen Certification Technology Service Co., Ltd.
 2F, Building B, East Area of Nanchang Second Industrial Zone,
 Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
 Tel: 4006786199 Fax: +86-755-26736857
 Website: http://www.cessz.com Email: Service@cessz.com

Data: 20 File: E:\TEST REPORT\j\joe\Conduction 0.15-30.EM6 (21) Date: 2014-04-08 Time: 09:04:51



Trace: 19

Condition : FCC PART 15 B QP POL: NEUTRAL Temp:24 °C Hum:56 %
 EUT : Dancing water speaker
 Model No : EF-B205
 Test Mode : Charging+Transmitting
 Power : DC 5V from PC
 Test Engineer: Joe
 Remark :

Item	Freq MHz	Read dBuV	LISN Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	0.152	43.73	0.03	-9.72	0.10	53.58	65.91	-12.33	QP
2	0.190	41.23	0.03	-9.72	0.10	51.08	64.02	-12.94	QP
3	2.448	31.02	0.06	-9.70	0.11	40.89	56.00	-15.11	QP
4	2.736	31.28	0.07	-9.70	0.11	41.16	56.00	-14.84	QP
5	5.993	31.61	0.11	-9.61	0.14	41.47	60.00	-18.53	QP
6	10.564	33.37	0.21	-9.50	0.22	43.30	60.00	-16.70	QP

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

Note: If QP Result comply with AV limit, AV Result is deemed to comply with AV limit

11. Antenna Requirements

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
<p><i>15.203 requirement:</i></p> <p><i>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</i></p> <p><i>15.247(c) (1)(i) requirement:</i></p> <p><i>(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.</i></p>	
E.U.T Antenna:	
<p><i>The antenna is PCB antenna, which permanently attached, and the best case gain of the antenna is 0 dBi.</i></p>	
