

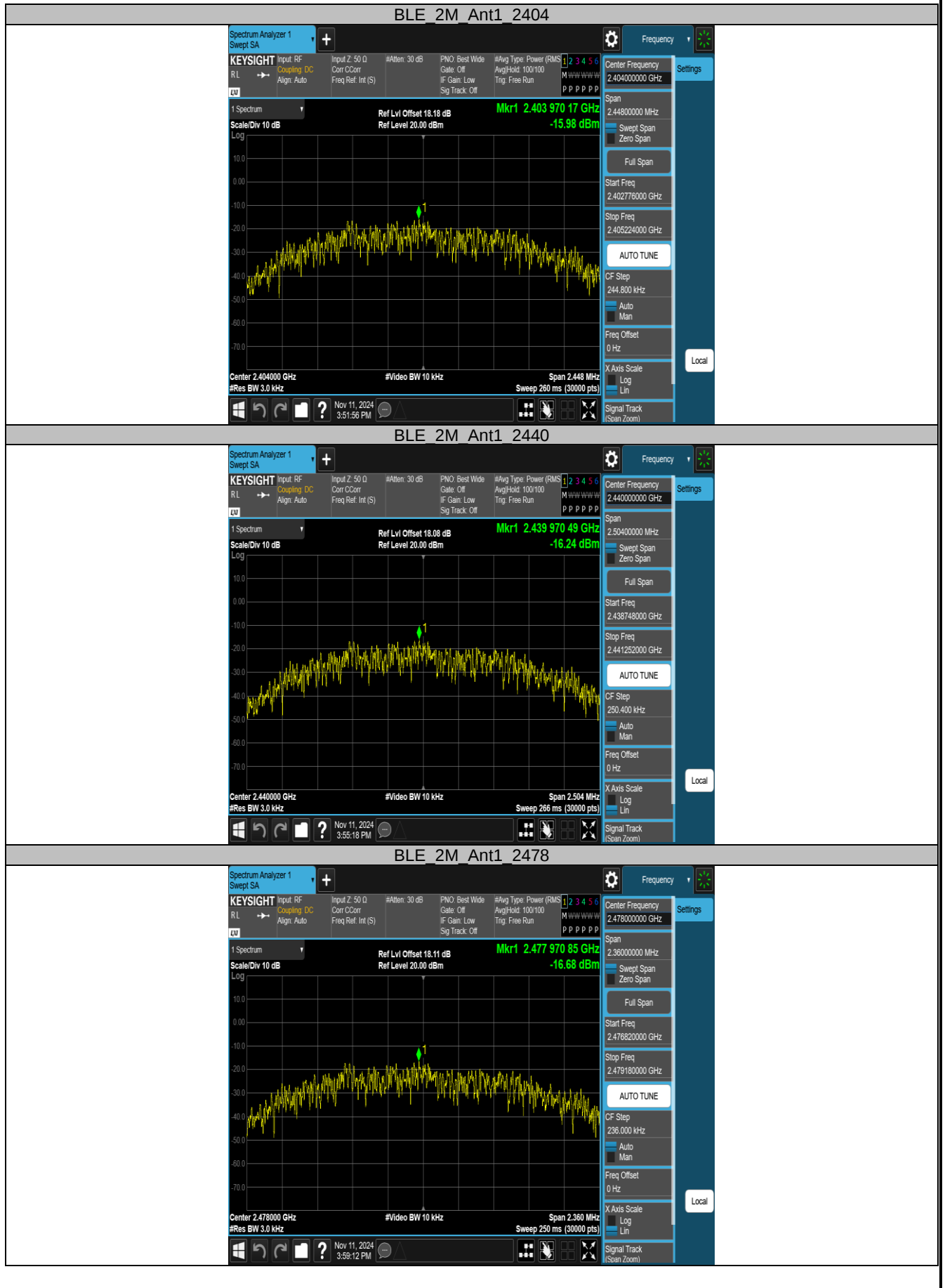
Appendix B: Test Results of Bluetooth LE

APPENDIX B: TEST RESULTS OF BLUETOOTH LE	1
APPENDIX B.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
APPENDIX B.2: TEST RESULTS OF 6dB BANDWIDTH.....	5
APPENDIX B.3: TEST RESULTS OF 99% BANDWIDTH	8
APPENDIX B.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH.....	11
<i>Band Edge</i>	<i>11</i>
<i>Conducted Spurious Emission</i>	<i>14</i>
APPENDIX B.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	21
<i>30 MHz - 1GHz, plastic shell.....</i>	<i>21</i>
<i>1GHz - 18GHz, plastic shell</i>	<i>23</i>
<i>30 MHz - 1GHz, electroplated shell.....</i>	<i>35</i>
<i>1GHz - 18GHz, electroplated shell</i>	<i>37</i>
APPENDIX B.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	41
<i>For plastic shell</i>	<i>41</i>
<i>For electroplated shell</i>	<i>49</i>

Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.45	≤8.00	PASS
		2440	-12.70	≤8.00	PASS
		2480	-13.20	≤8.00	PASS
BLE_2M	Ant1	2404	-15.98	≤8.00	PASS
		2440	-16.24	≤8.00	PASS
		2478	-16.68	≤8.00	PASS





Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.660	2402.352	0.5	PASS
		2440	0.700	2439.652	2440.352	0.5	PASS
		2480	0.696	2479.656	2480.352	0.5	PASS
BLE_2M	Ant1	2404	1.224	2403.368	2404.592	0.5	PASS
		2440	1.252	2439.360	2440.612	0.5	PASS
		2478	1.180	2477.408	2478.588	0.5	PASS

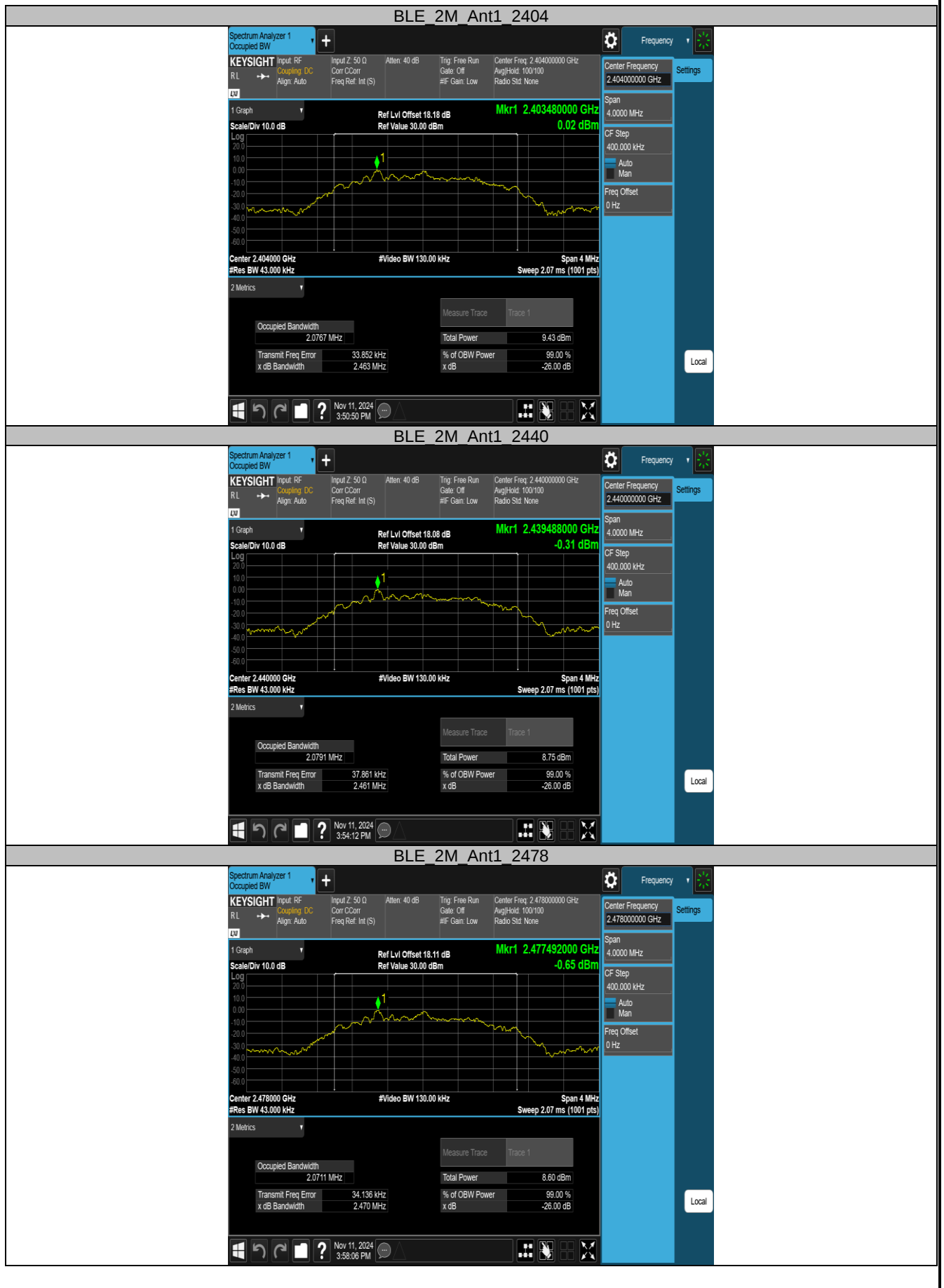




Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0501	2401.4950	2402.5451	---	PASS
		2440	1.0594	2439.4931	2440.5525	---	PASS
		2480	1.0699	2479.4867	2480.5566	---	PASS
BLE_2M	Ant1	2404	2.0767	2402.9955	2405.0722	---	PASS
		2440	2.0791	2438.9983	2441.0774	---	PASS
		2478	2.0711	2476.9986	2479.0697	---	PASS





Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.29	-47.12	≤-16.71	PASS
		High	2480	2.32	-45.53	≤-17.68	PASS
BLE_2M	Ant1	Low	2404	3.27	-44.10	≤-16.73	PASS
		High	2478	2.56	-45.45	≤-17.44	PASS

BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



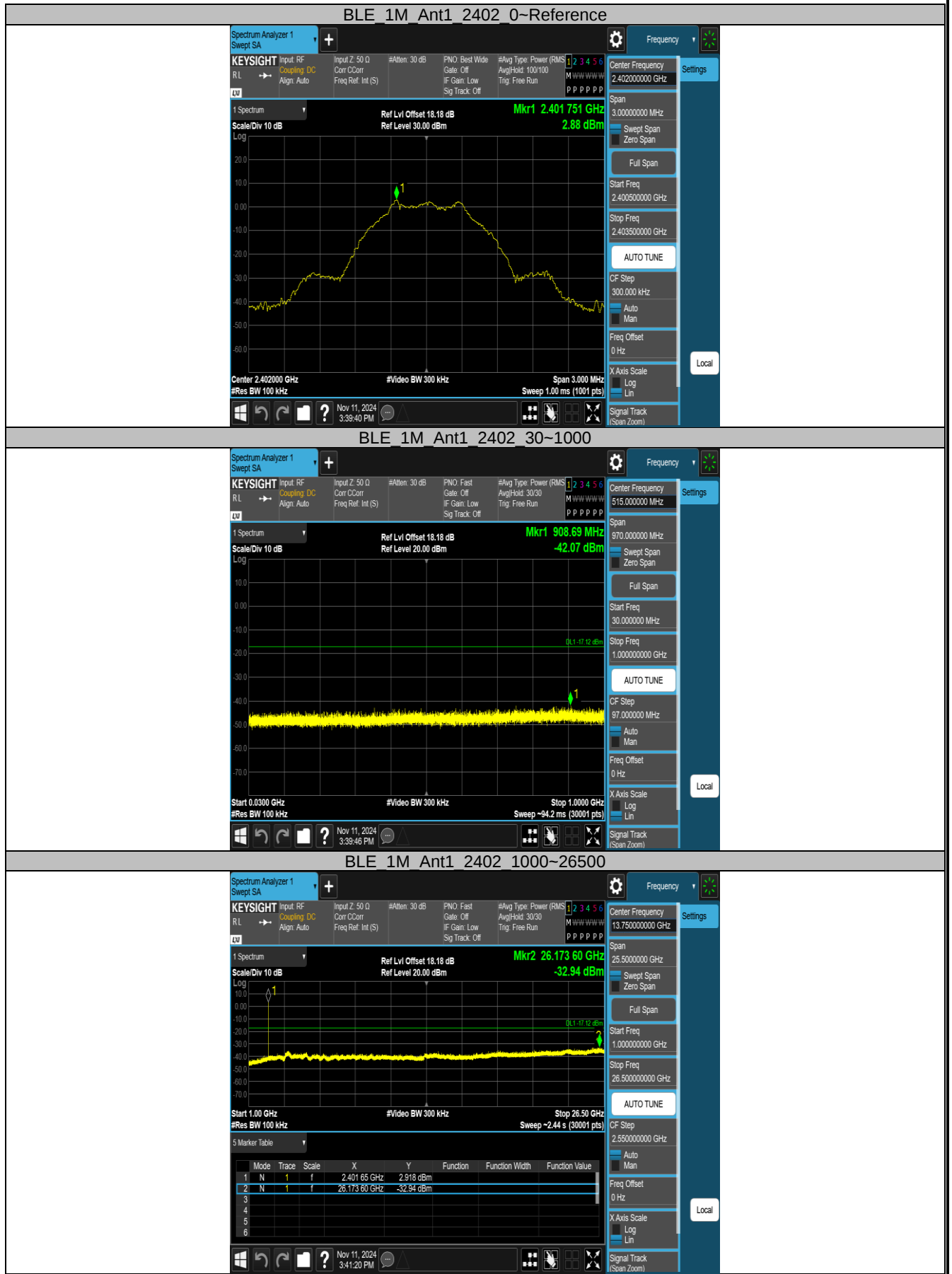
BLE 2M Ant1 Low 2404



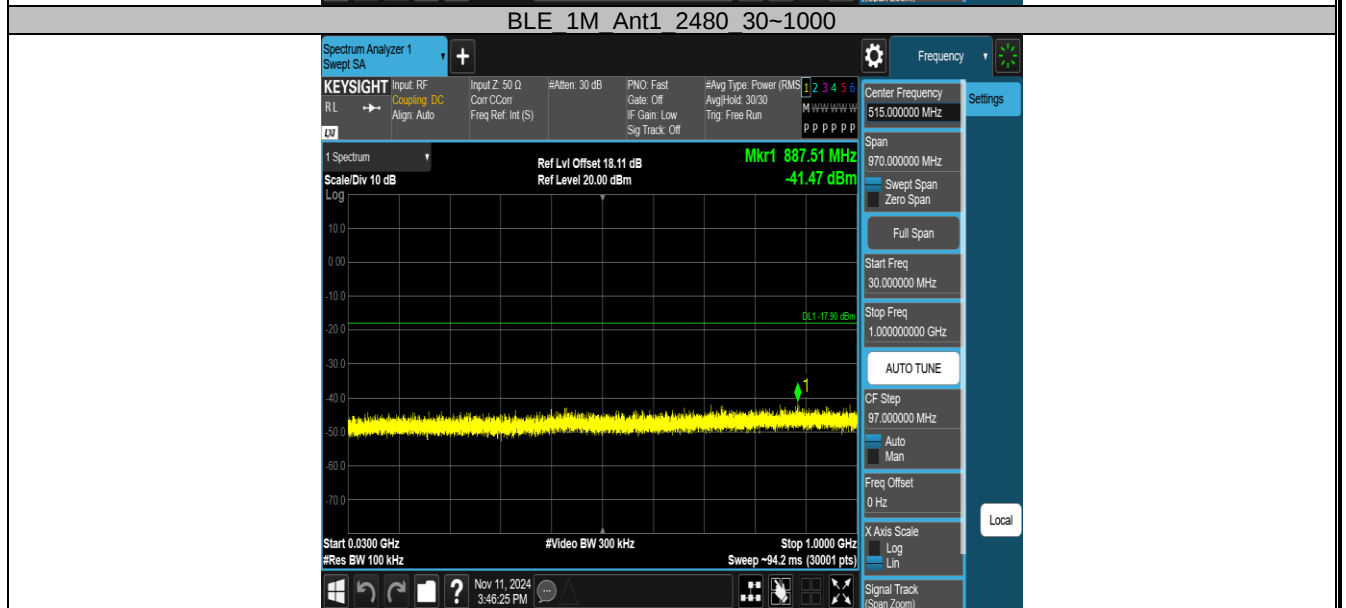


Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.88	2.88	---	PASS
			30~1000	2.88	-42.07	≤-17.12	PASS
			1000~26500	2.88	-32.94	≤-17.12	PASS
		2440	Reference	2.64	2.64	---	PASS
			30~1000	2.64	-42.21	≤-17.36	PASS
			1000~26500	2.64	-33.07	≤-17.36	PASS
		2480	Reference	2.10	2.10	---	PASS
			30~1000	2.10	-41.47	≤-17.9	PASS
			1000~26500	2.10	-32.45	≤-17.9	PASS
BLE_2M	Ant1	2404	Reference	2.84	2.84	---	PASS
			30~1000	2.84	-41.39	≤-17.16	PASS
			1000~26500	2.84	-32.66	≤-17.16	PASS
		2440	Reference	2.65	2.65	---	PASS
			30~1000	2.65	-41.39	≤-17.35	PASS
			1000~26500	2.65	-32.77	≤-17.35	PASS
		2478	Reference	1.49	1.49	---	PASS
			30~1000	1.49	-41.8	≤-18.51	PASS
			1000~26500	1.49	-32.74	≤-18.51	PASS



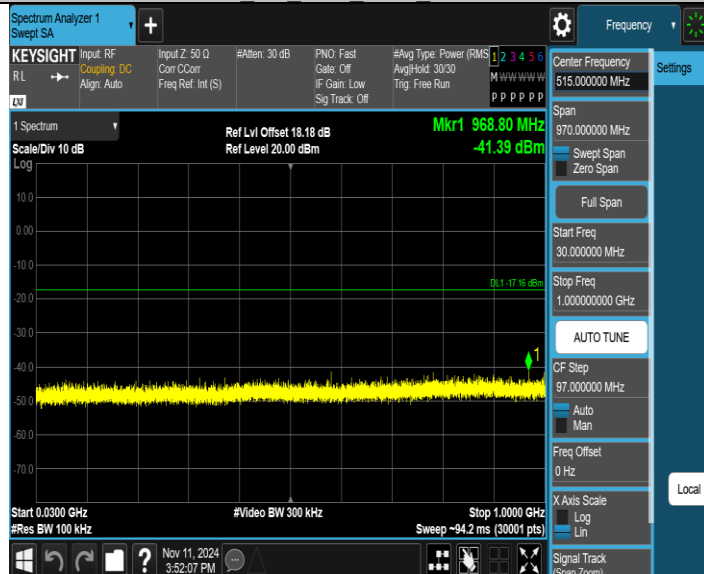




BLE 2M Ant1 2404 0~Reference

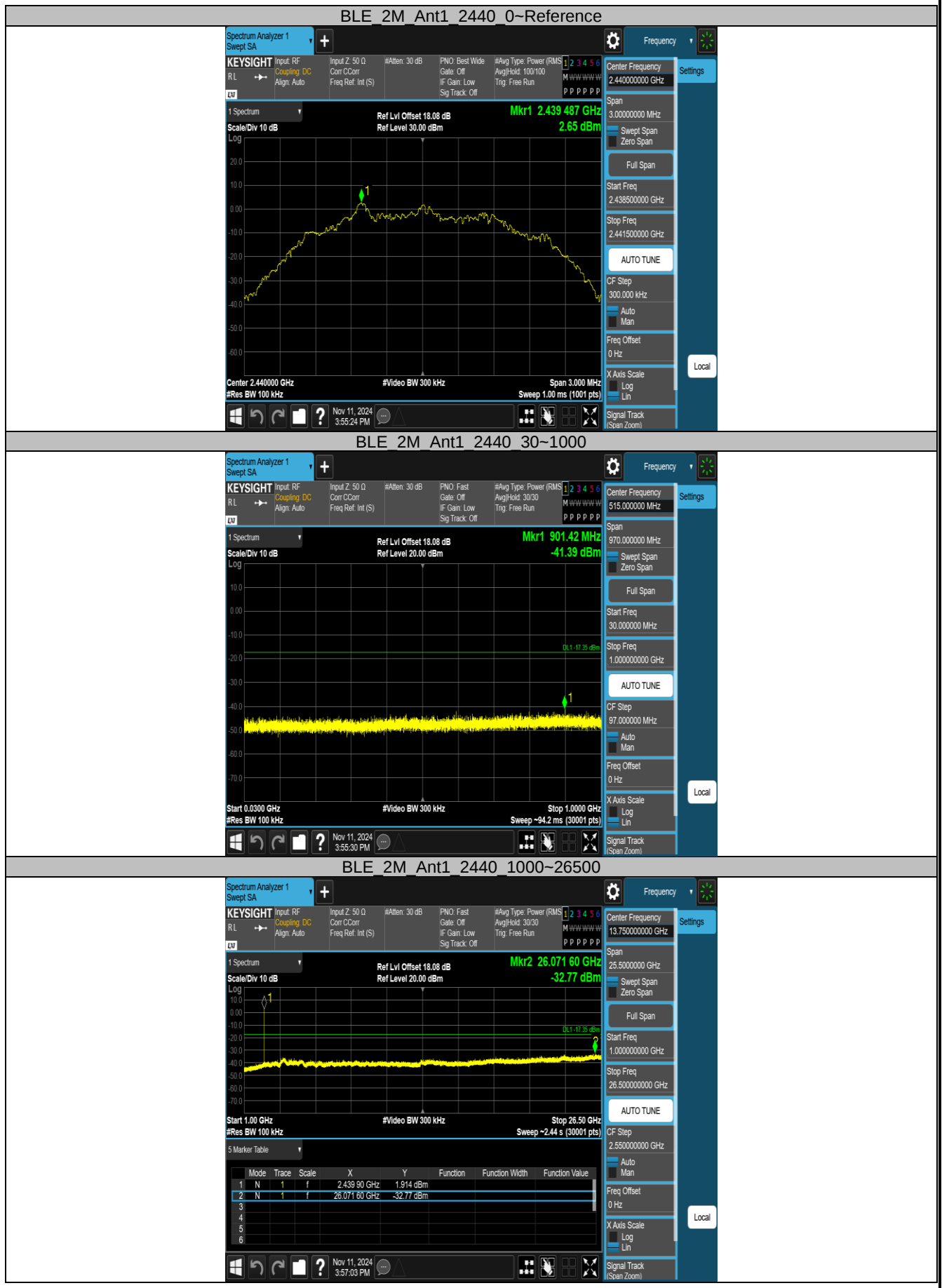


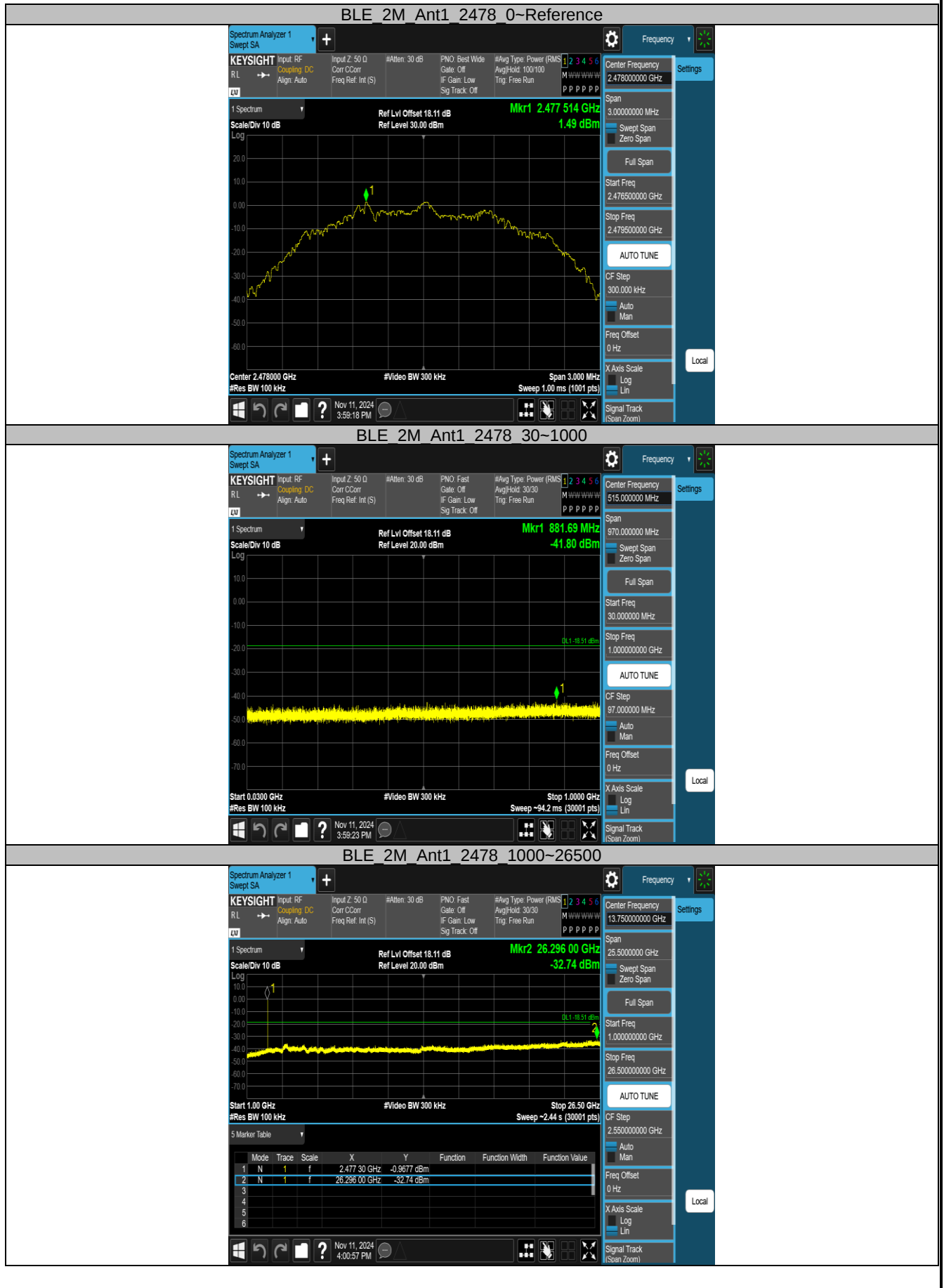
BLE 2M Ant1 2404 30~1000



BLE 2M Ant1 2404 1000~26500







Appendix B.5: Test Results of Radiated Spurious Emissions

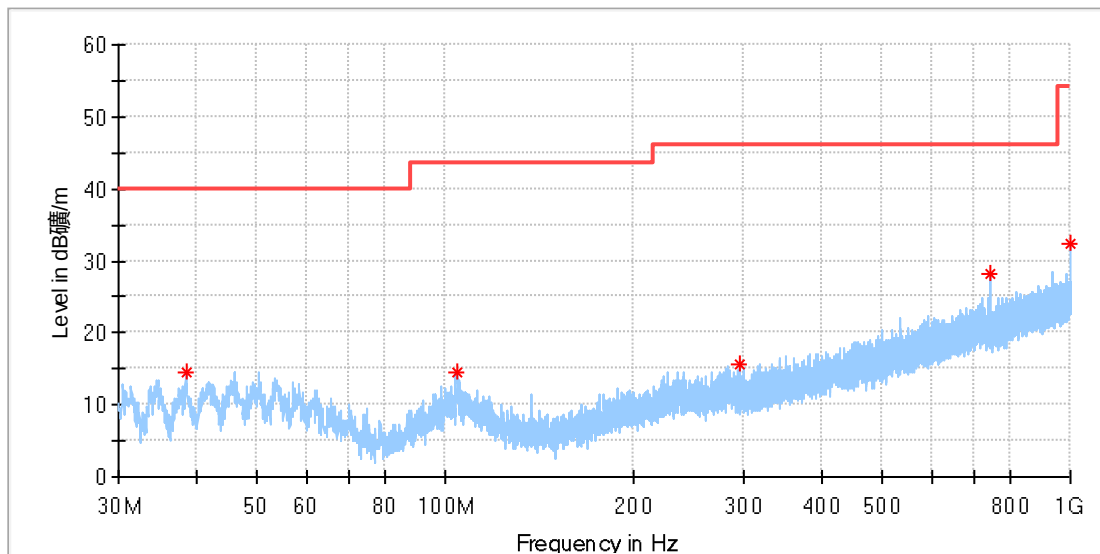
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz, plastic shell

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

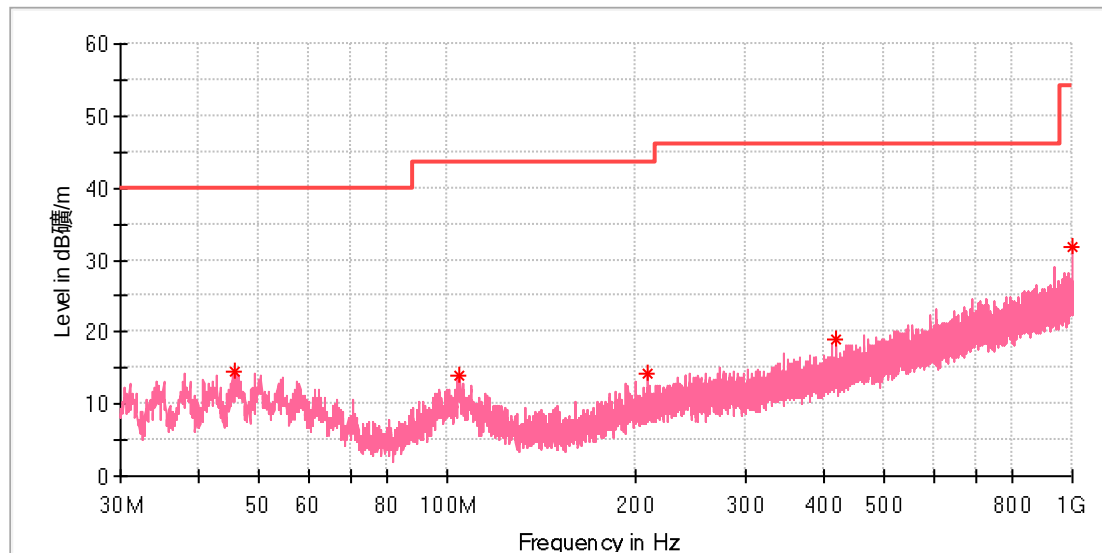
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.468846	14.55	40.00	25.45	100.0	H	41.0	-20.7
104.764615	14.49	43.50	29.01	100.0	H	276.0	-18.9
294.884615	15.66	46.00	30.34	100.0	H	13.0	-16.4
742.502308	28.05	46.00	17.95	100.0	H	163.0	-7.2
1000.000000	32.41	54.00	21.59	100.0	H	5.0	-3.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.855769	14.40	40.00	25.60	100.0	V	0.0	-18.8
104.801923	14.03	43.50	29.47	100.0	V	322.0	-18.9
209.375385	14.24	43.50	29.26	100.0	V	228.0	-18.9
418.858077	19.03	46.00	26.97	100.0	V	298.0	-13.3
1000.000000	31.93	54.00	22.07	100.0	V	219.0	-3.4

Final_Result

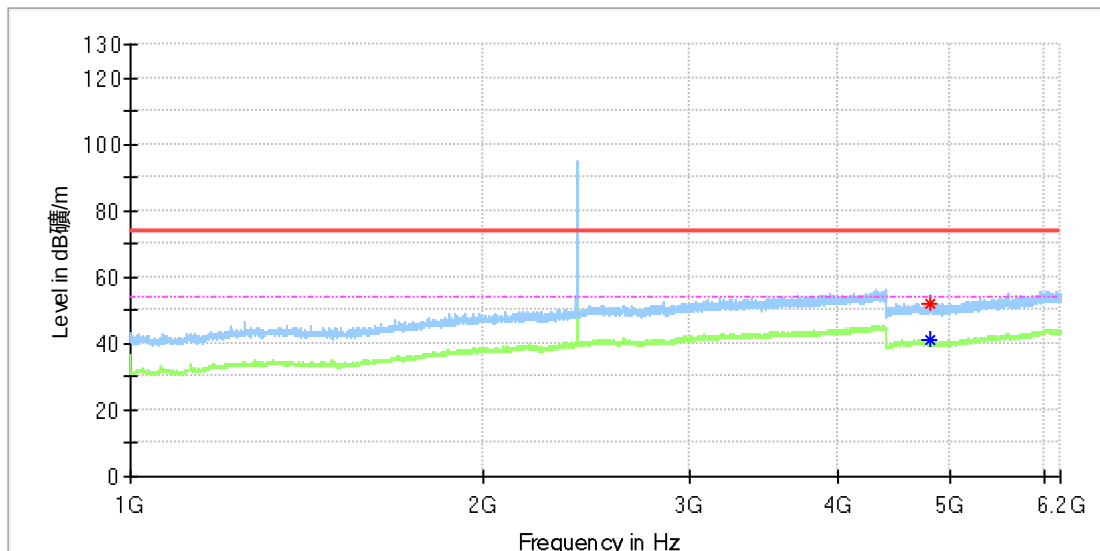
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz, plastic shell

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

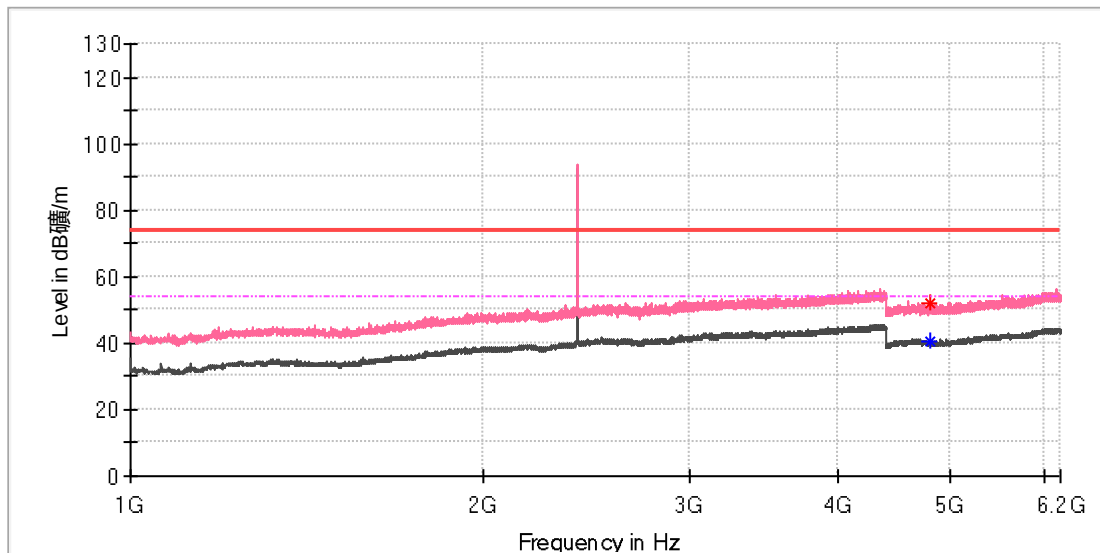
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.500000	51.84	---	74.00	22.16	150.0	H	26.0	13.3
4807.000000	---	40.97	54.00	13.03	150.0	H	156.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

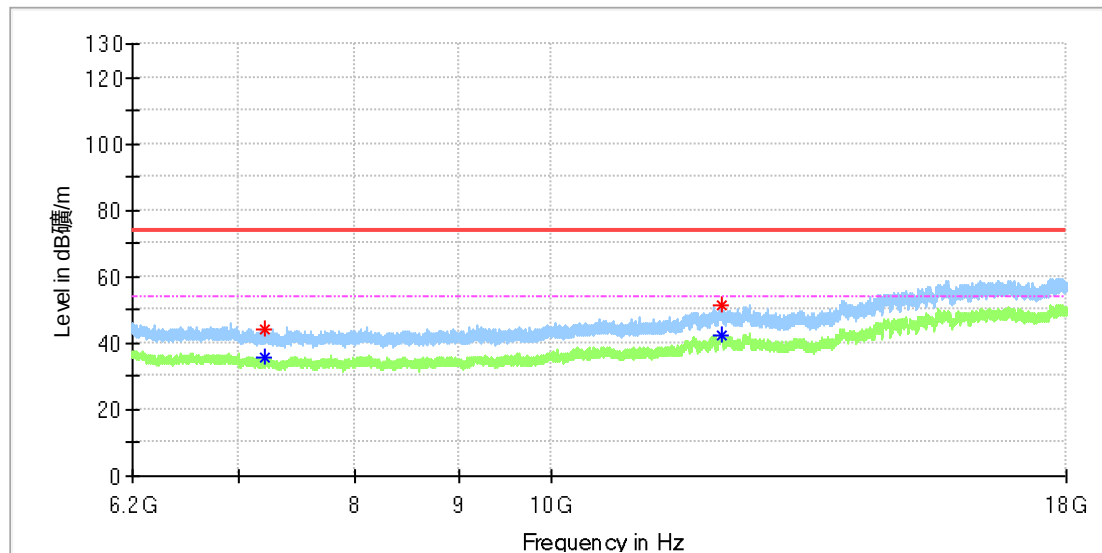
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.000000	51.96	---	74.00	22.04	150.0	V	278.0	13.3
4810.000000	---	40.64	54.00	13.36	150.0	V	278.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

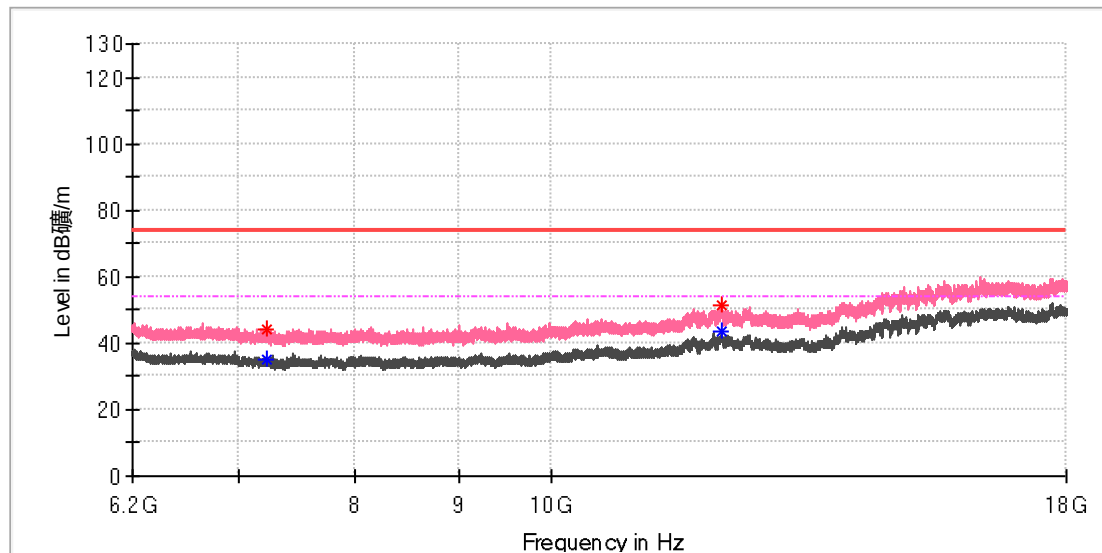
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7215.783333	---	35.39	54.00	18.61	150.0	H	43.0	8.7
7218.241667	44.06	---	74.00	29.94	150.0	H	10.0	8.7
12134.416667	---	42.23	54.00	11.77	150.0	H	103.0	16.3
12151.133333	51.23	---	74.00	22.77	150.0	H	0.0	16.7

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

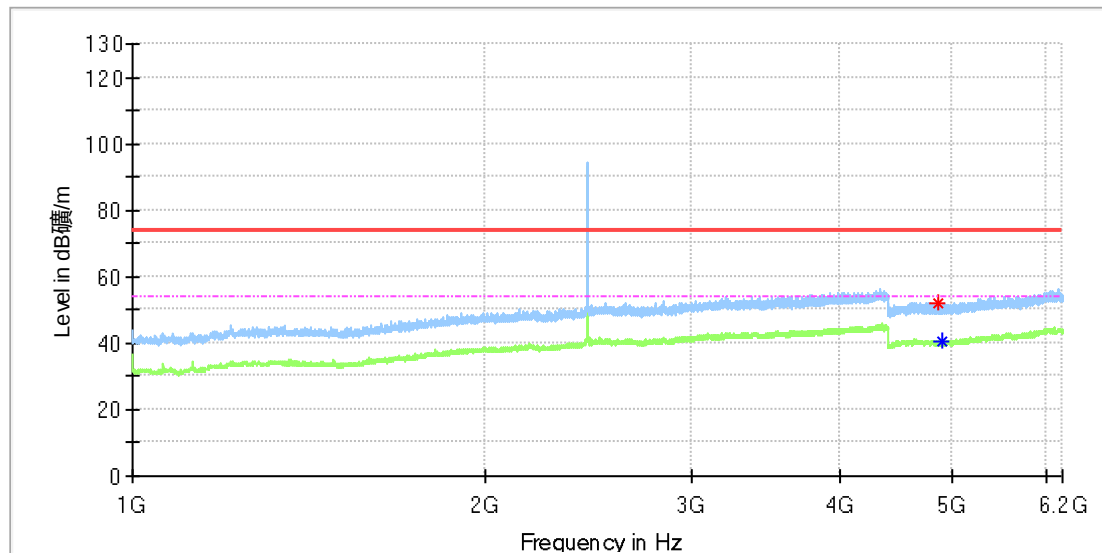
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7219.225000	---	35.30	54.00	18.70	150.0	V	203.0	8.7
7226.600000	44.04	---	74.00	29.96	150.0	V	316.0	8.7
12148.183333	51.23	---	74.00	22.77	150.0	V	340.0	16.7
12148.183333	---	43.35	54.00	10.65	150.0	V	340.0	16.7

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

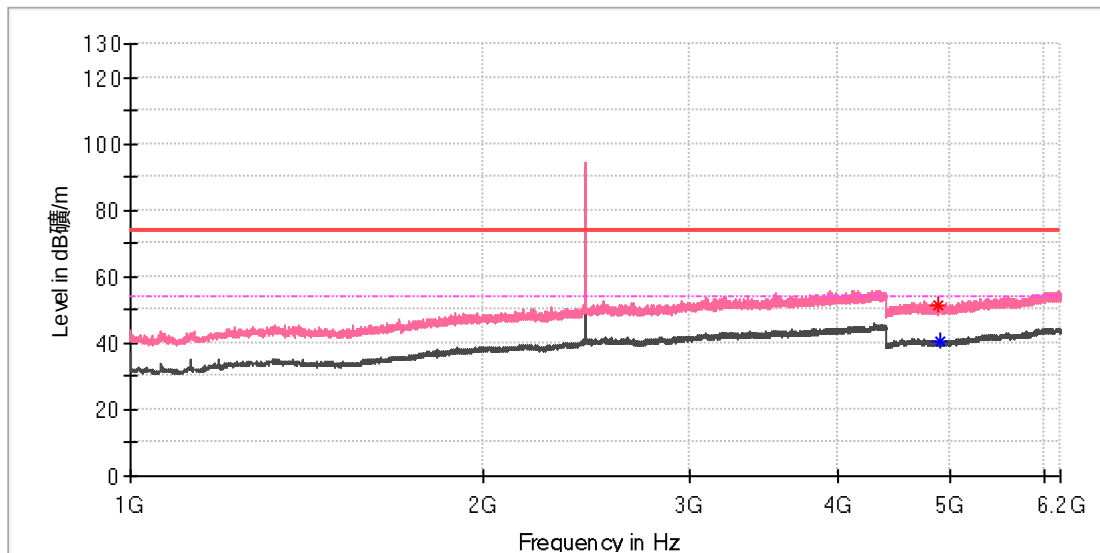
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4862.000000	51.76	---	74.00	22.24	150.0	H	185.0	13.3
4898.500000	---	40.56	54.00	13.44	150.0	H	295.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

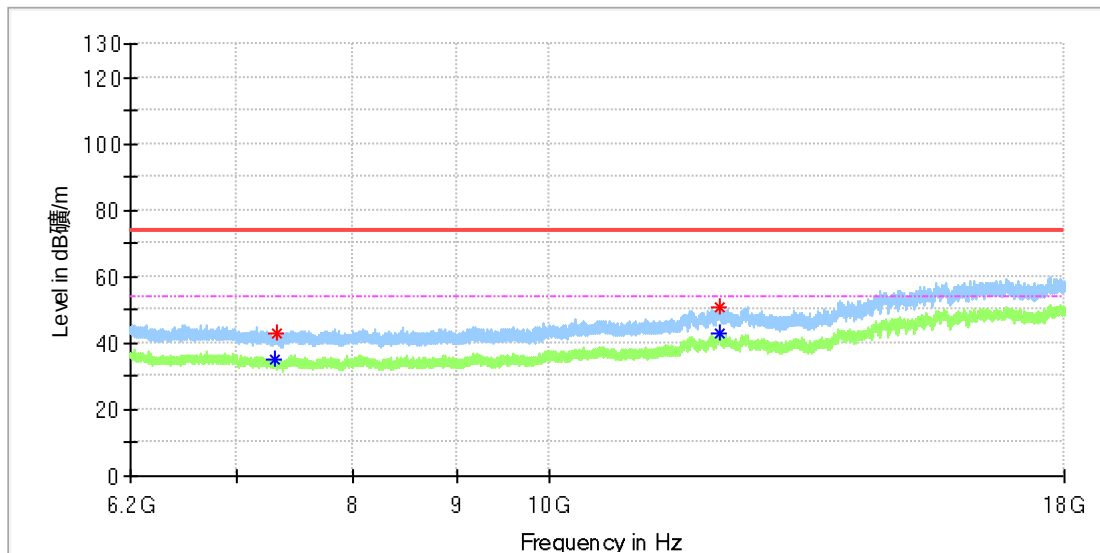
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4877.500000	51.40	---	74.00	22.60	150.0	V	72.0	13.3
4897.000000	---	40.51	54.00	13.49	150.0	V	116.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

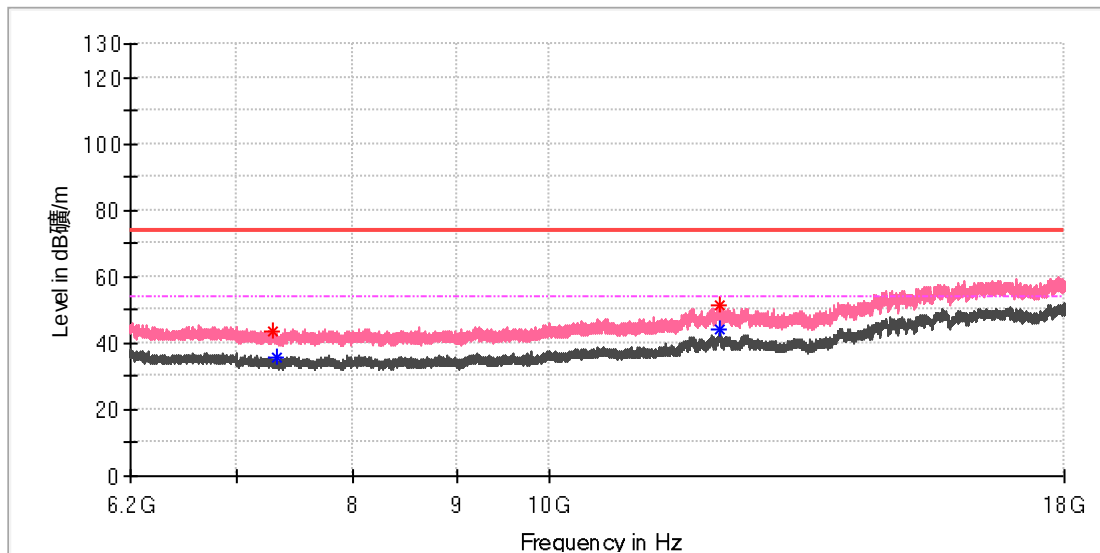
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	---	34.90	54.00	19.10	150.0	H	101.0	8.2
7323.950000	42.77	---	74.00	31.23	150.0	H	179.0	8.2
12144.250000	---	42.82	54.00	11.18	150.0	H	236.0	16.6
12155.558333	50.71	---	74.00	23.29	150.0	H	157.0	16.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

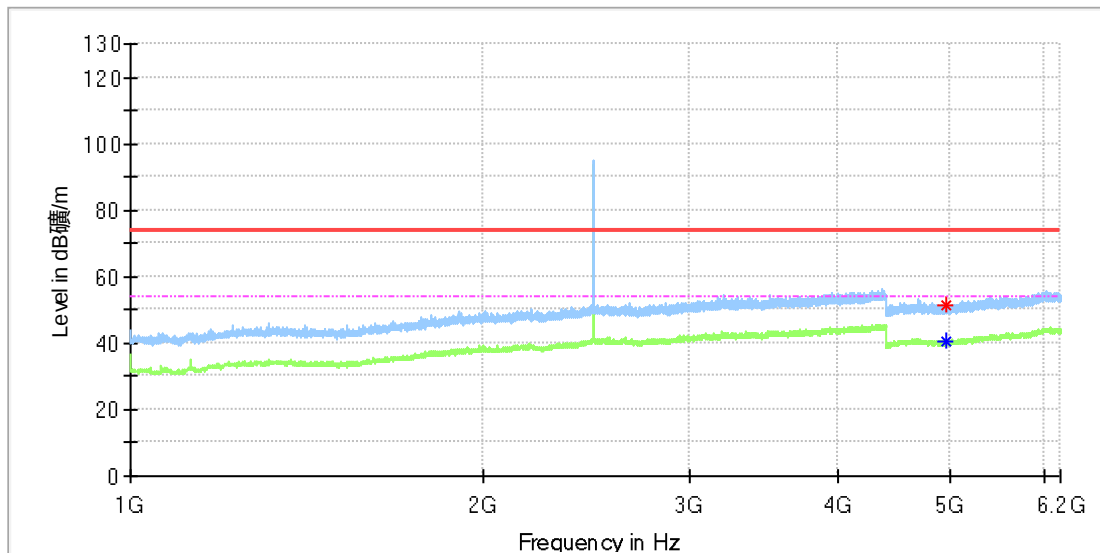
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7297.400000	43.31	---	74.00	30.69	150.0	V	143.0	8.3
7325.916667	---	35.46	54.00	18.54	150.0	V	0.0	8.2
12150.641667	51.50	---	74.00	22.50	150.0	V	75.0	16.7
12159.491667	---	44.09	54.00	9.91	150.0	V	0.0	16.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_High channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

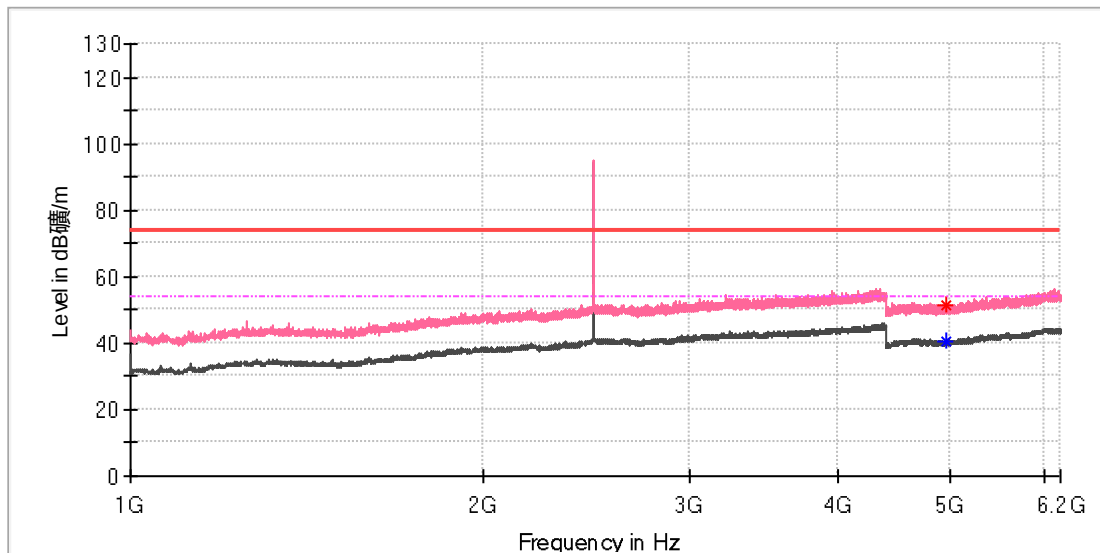
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4952.500000	51.37	---	74.00	22.63	150.0	H	211.0	13.3
4958.500000	---	40.69	54.00	13.31	150.0	H	237.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_High channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

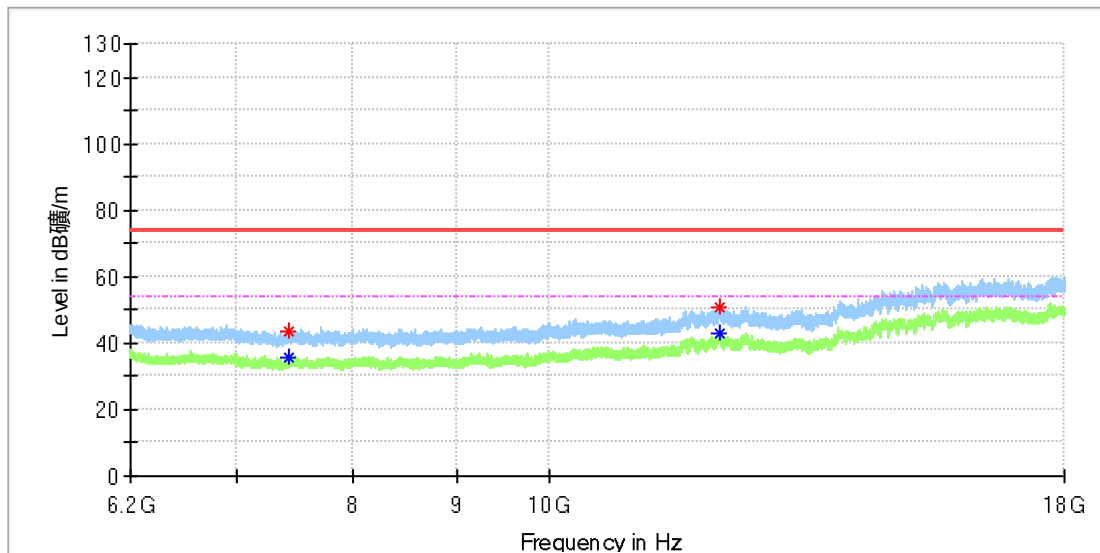
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4954.500000	51.65	---	74.00	22.35	150.0	V	183.0	13.3
4955.000000	---	40.70	54.00	13.30	150.0	V	274.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_High channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

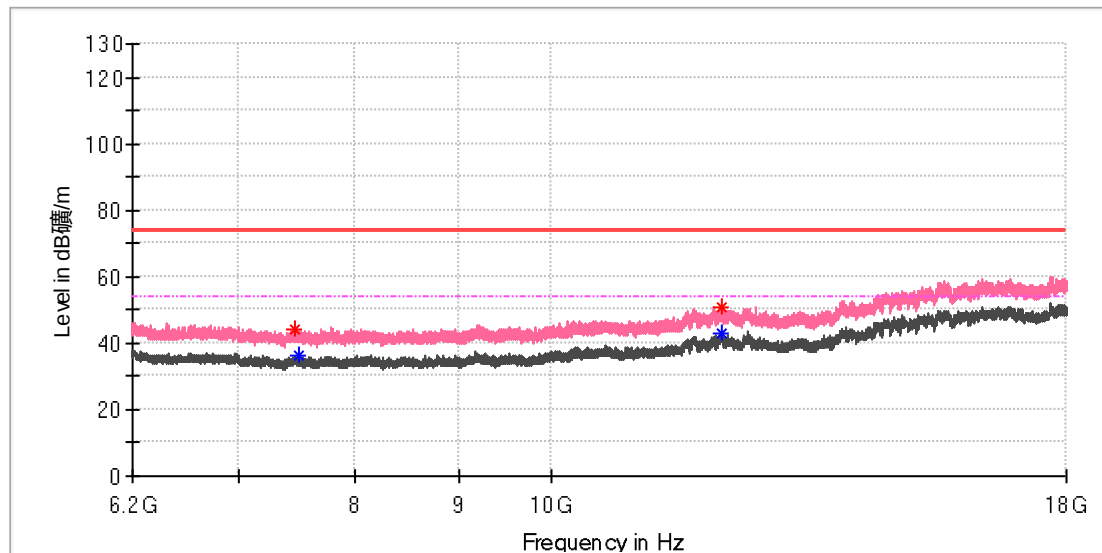
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7419.825000	43.51	---	74.00	30.49	150.0	H	187.0	8.4
7433.591667	---	35.98	54.00	18.02	150.0	H	34.0	8.4
12140.808333	50.55	---	74.00	23.45	150.0	H	0.0	16.5
12159.491667	---	43.17	54.00	10.83	150.0	H	211.0	16.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_High channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7460.633333	44.07	---	74.00	29.93	150.0	V	127.0	8.5
7489.641667	---	35.99	54.00	18.01	150.0	V	218.0	8.7
12143.758333	---	42.99	54.00	11.01	150.0	V	345.0	16.6
12146.708333	50.95	---	74.00	23.05	150.0	V	218.0	16.6

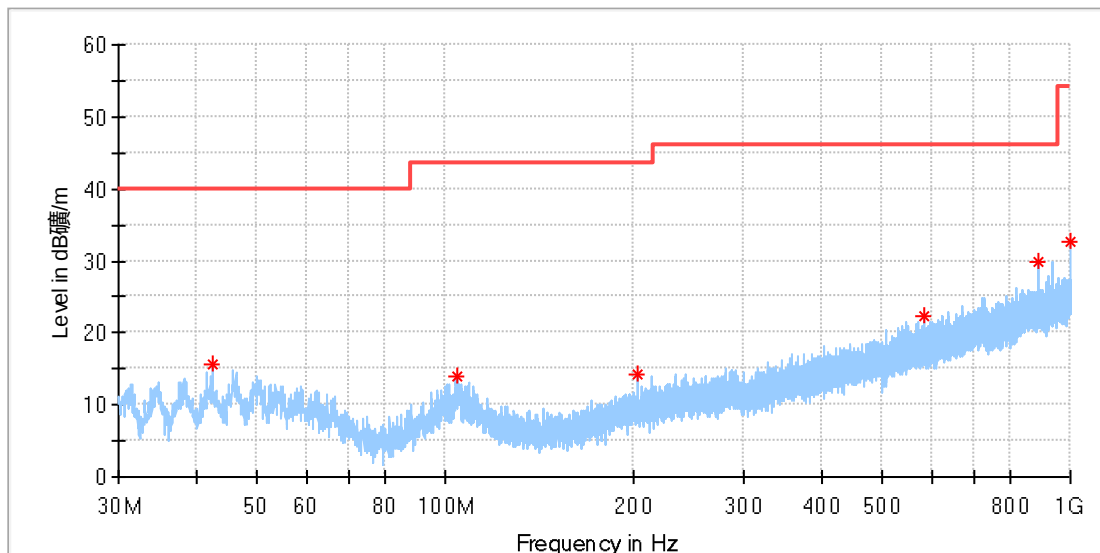
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

30 MHz - 1GHz, electroplated shell

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168511349/A003855037-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

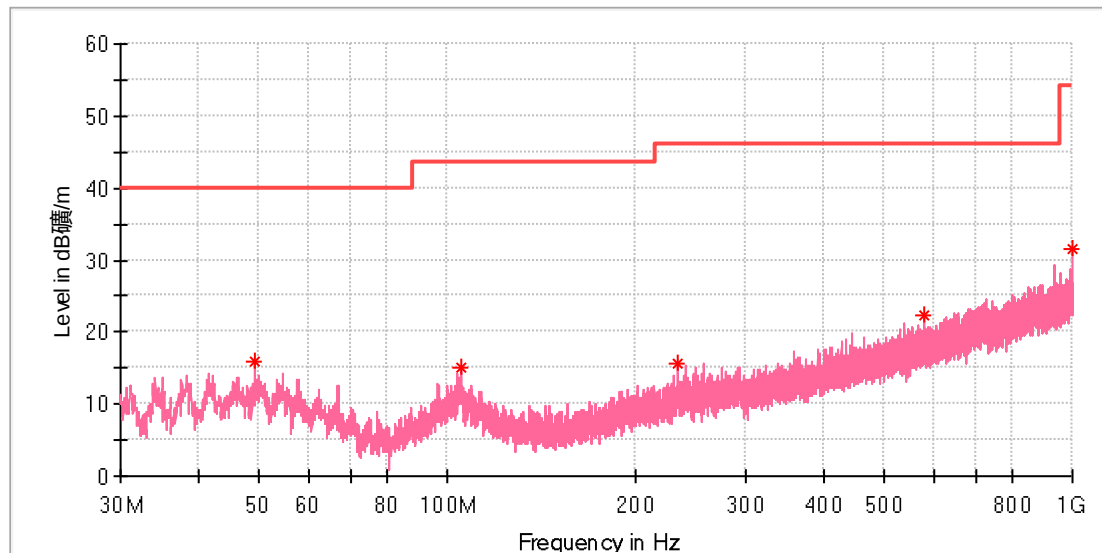
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.386154	15.75	40.00	24.25	100.0	H	342.0	-19.6
104.354231	13.92	43.50	29.58	100.0	H	49.0	-18.9
202.436154	14.23	43.50	29.27	100.0	H	231.0	-19.0
582.900000	22.24	46.00	23.76	100.0	H	0.0	-10.1
890.986923	29.85	46.00	16.15	100.0	H	216.0	-4.9
1000.000000	32.53	54.00	21.47	100.0	H	56.0	-3.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.250769	15.99	40.00	24.01	100.0	V	0.0	-18.4
105.286923	14.93	43.50	28.57	100.0	V	107.0	-18.9
232.953846	15.66	46.00	30.34	100.0	V	161.0	-18.0
581.034615	22.23	46.00	23.77	100.0	V	107.0	-10.1
1000.000000	31.46	54.00	22.54	100.0	V	153.0	-3.4

Final_Result

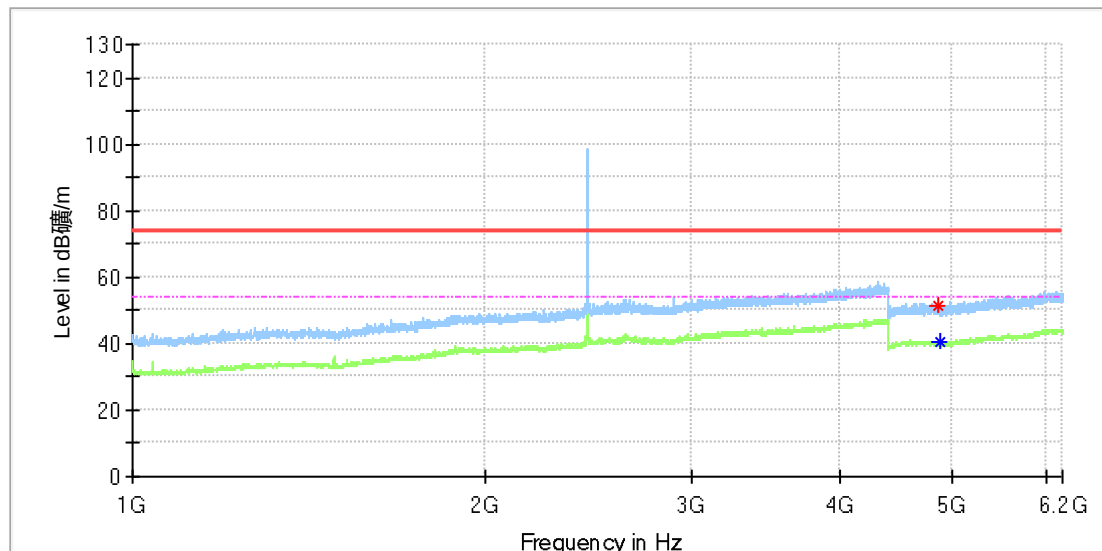
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz, electroplated shell

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168511349/A003855037-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

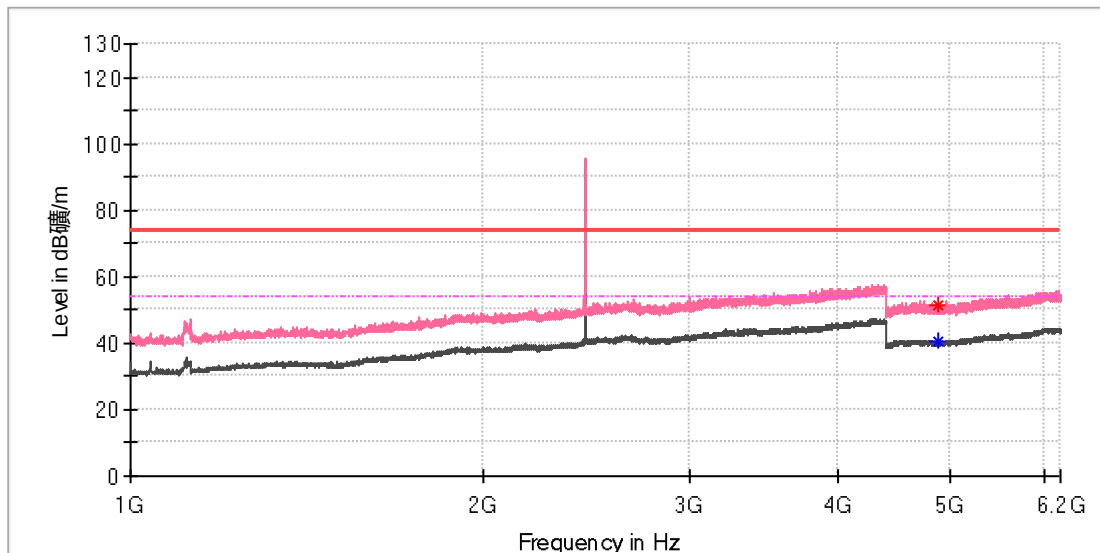
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4862.000000	51.28	---	74.00	22.72	150.0	H	346.0	13.3
4870.500000	---	40.30	54.00	13.70	150.0	H	213.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

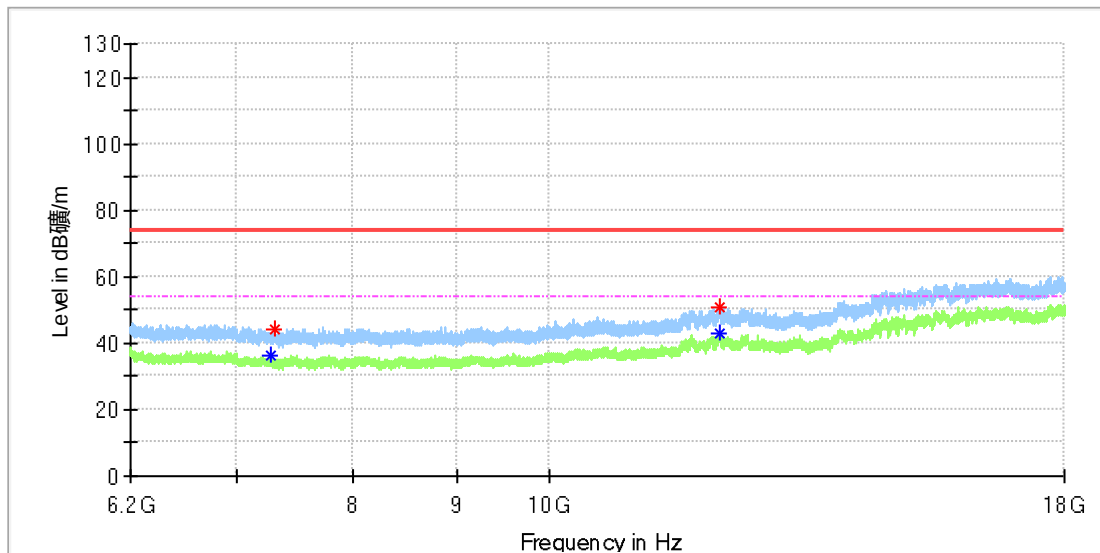
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	40.35	54.00	13.65	150.0	V	293.0	13.3
4872.000000	51.42	---	74.00	22.58	150.0	V	77.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

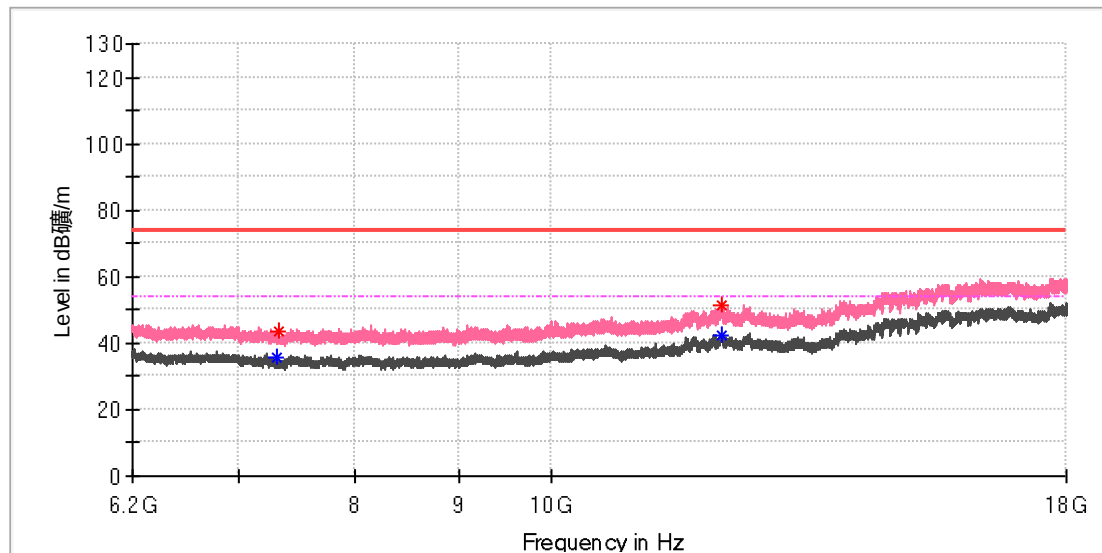
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7275.275000	---	36.17	54.00	17.83	150.0	H	0.0	8.4
7310.675000	44.16	---	74.00	29.84	150.0	H	0.0	8.2
12135.891667	50.81	---	74.00	23.19	150.0	H	174.0	16.4
12141.300000	---	42.95	54.00	11.05	150.0	H	219.0	16.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.575000	---	35.45	54.00	18.55	150.0	V	183.0	8.2
7321.000000	43.43	---	74.00	30.57	150.0	V	96.0	8.2
12138.350000	51.48	---	74.00	22.52	150.0	V	224.0	16.4
12149.166667	---	42.62	54.00	11.38	150.0	V	156.0	16.7

Final_Result

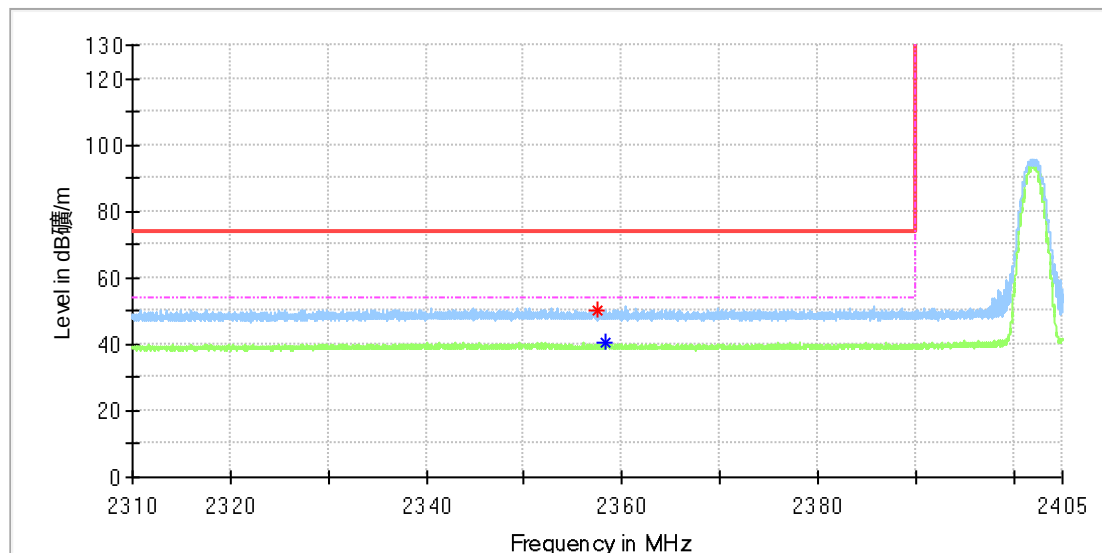
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

For plastic shell

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

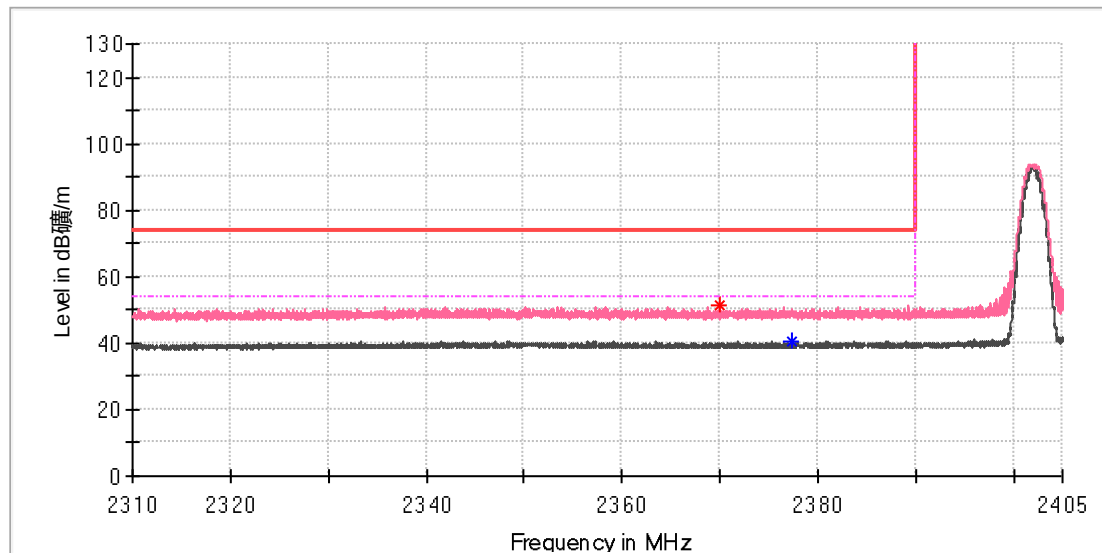
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2357.588235	50.34	---	74.00	23.66	150.0	H	294.0	8.4
2358.323530	---	40.66	54.00	13.34	150.0	H	130.0	8.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

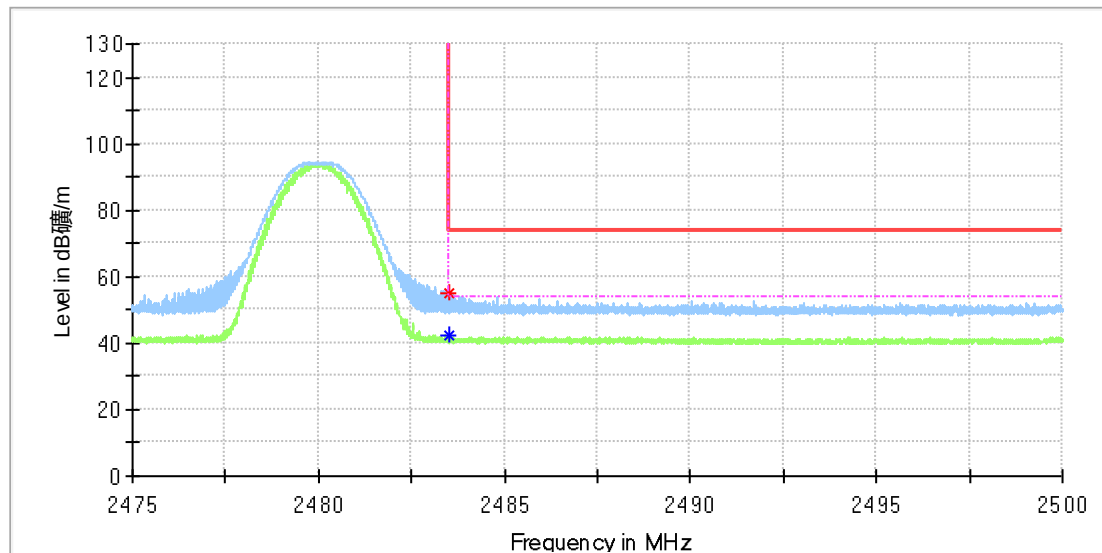
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2370.058824	51.53	---	74.00	22.47	150.0	V	98.0	8.4
2377.397059	---	40.80	54.00	13.20	150.0	V	186.0	8.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

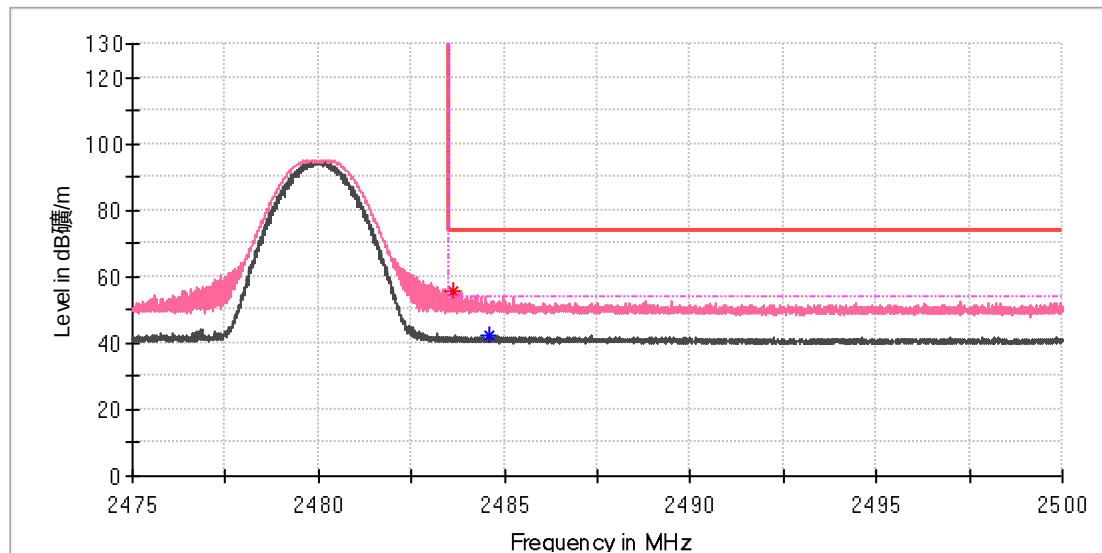
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.518382	55.12	---	74.00	18.88	150.0	H	308.0	8.9
2483.522059	---	42.17	54.00	11.83	150.0	H	217.0	8.9

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

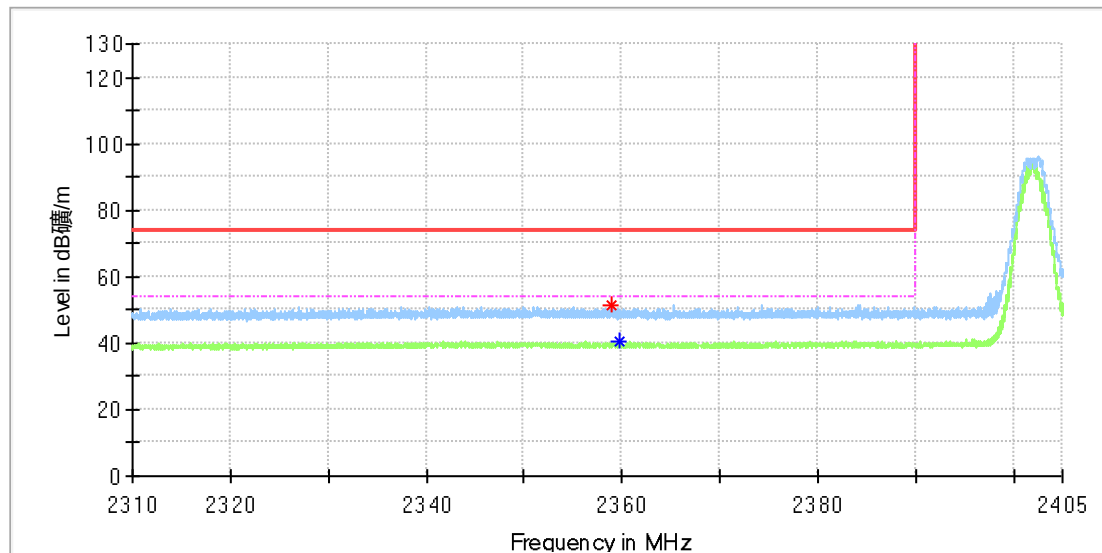
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.639706	55.64	---	74.00	18.36	150.0	V	111.0	8.9
2484.577206	---	42.52	54.00	11.48	150.0	V	147.0	8.9

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 2M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

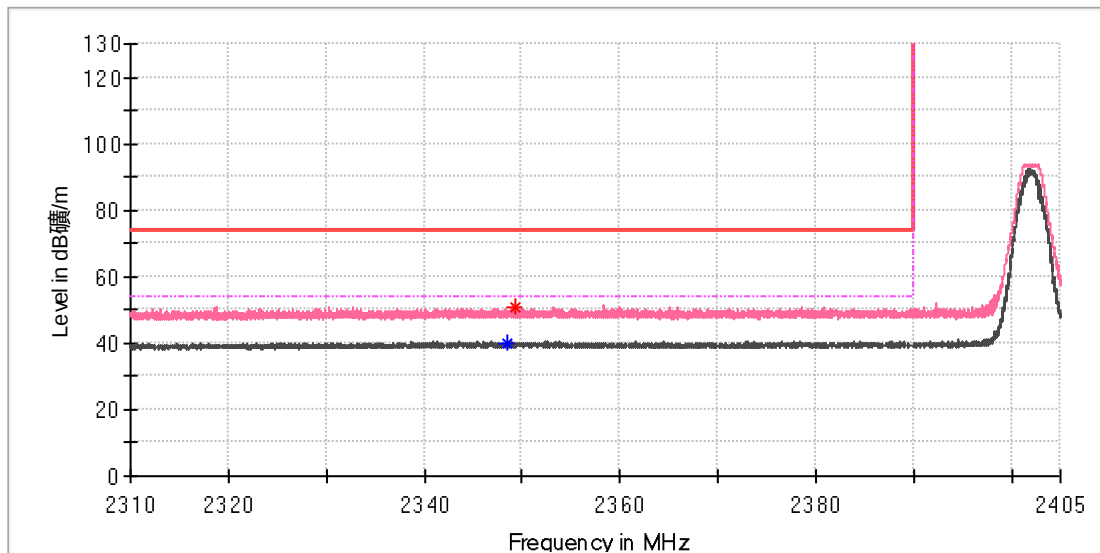
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2358.838235	51.44	---	74.00	22.56	150.0	H	204.0	8.4
2359.764706	---	40.23	54.00	13.77	150.0	H	108.0	8.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 2M_Low channel
Order No/Sample No: 168511349/A003852753-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

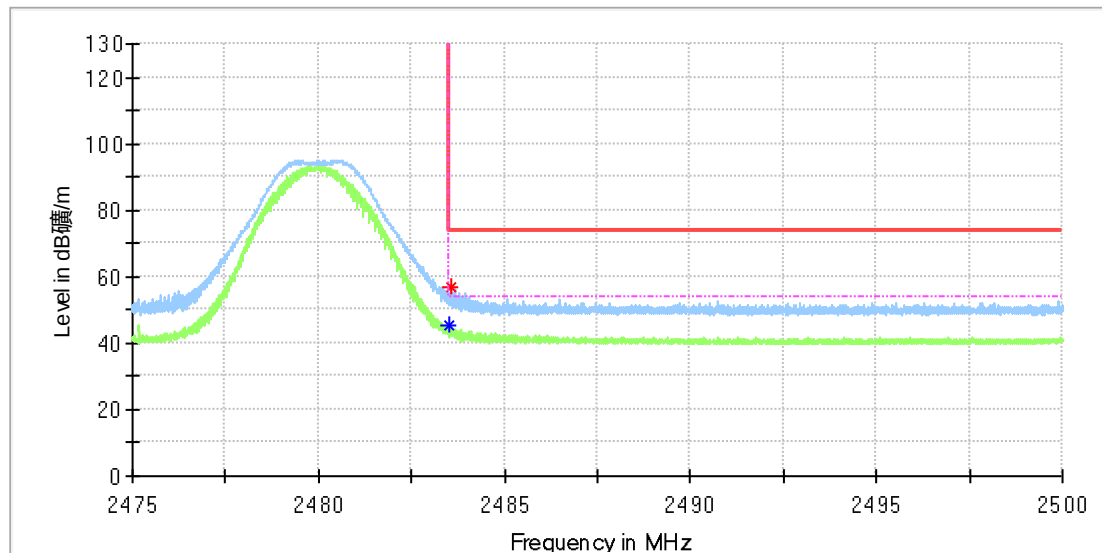
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2348.529412	---	40.09	54.00	13.91	150.0	V	348.0	8.4
2349.220588	51.03	---	74.00	22.97	150.0	V	326.0	8.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

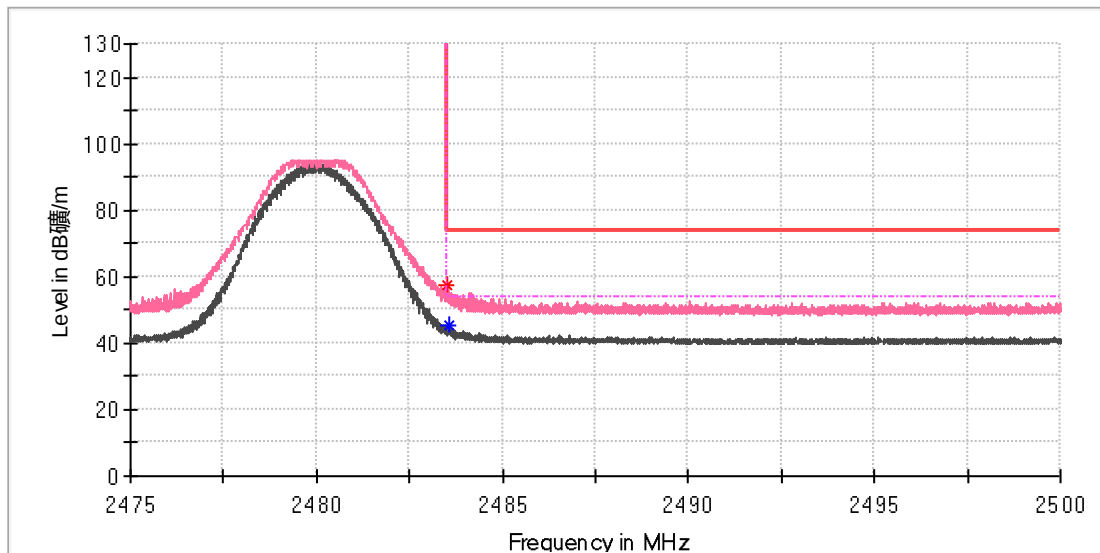
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.511030	---	45.36	54.00	8.64	150.0	H	243.0	8.9
2483.569853	56.69	---	74.00	17.31	150.0	H	243.0	8.9

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168511349/A003852753-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.536765	57.51	---	74.00	16.49	150.0	V	126.0	8.9
2483.540441	---	45.05	54.00	8.95	150.0	V	126.0	8.9

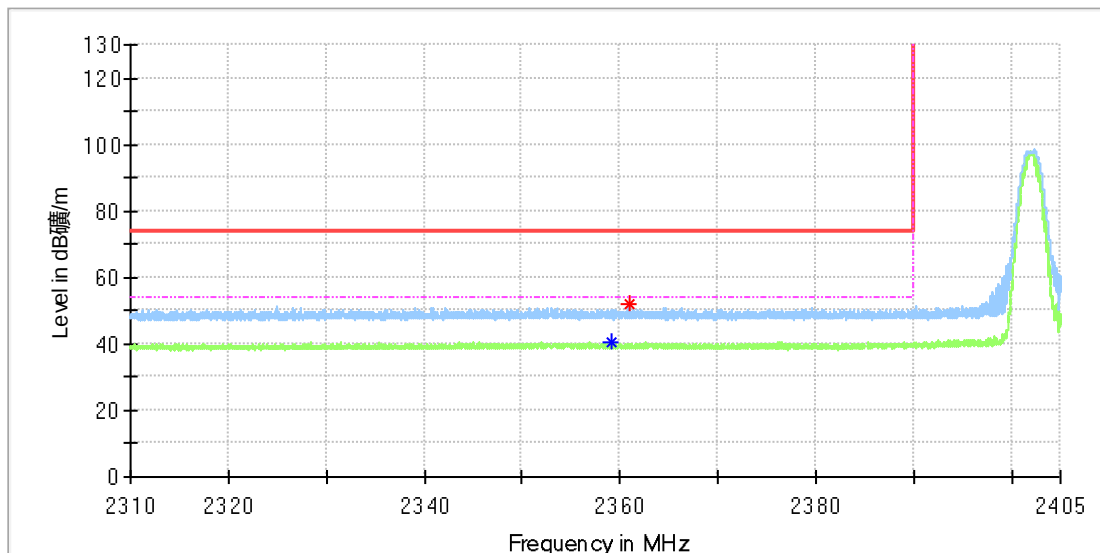
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

For electroplated shell

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168511349/A003855037-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

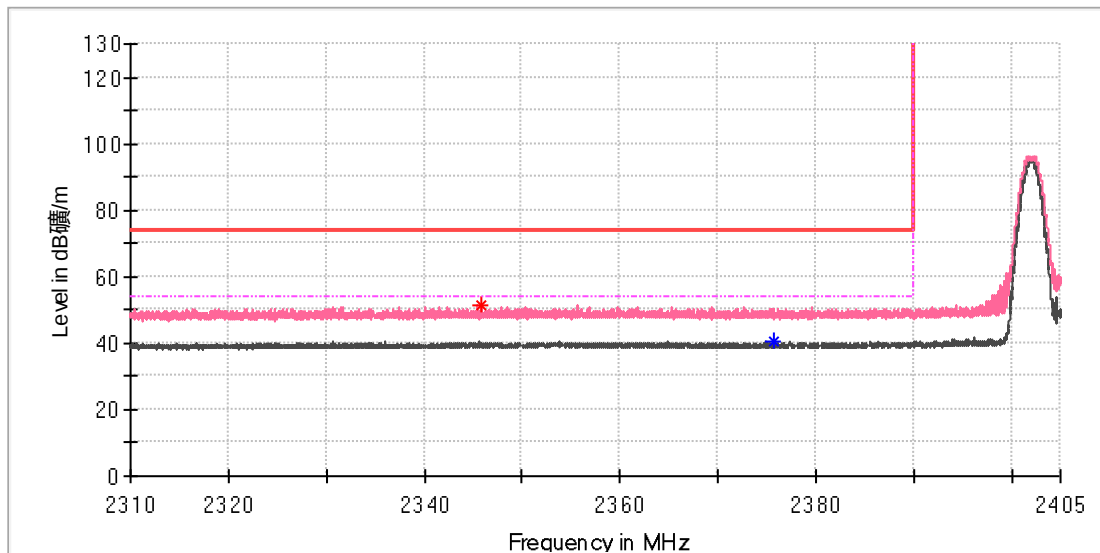
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2359.050735	---	40.62	54.00	13.38	150.0	H	237.0	8.5
2361.048530	51.81	---	74.00	22.19	150.0	H	280.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

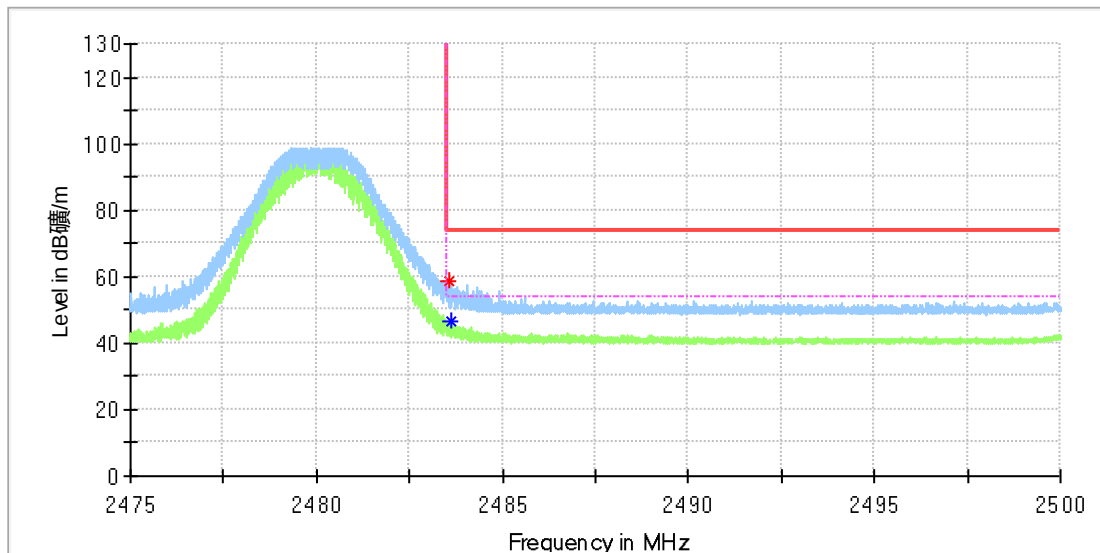
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.876471	51.55	---	74.00	22.45	150.0	V	70.0	8.5
2375.773529	---	40.46	54.00	13.54	150.0	V	47.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Block X1 Visual Wireless Stereos
Model:	MBEPS04
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168511349/A003855037-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

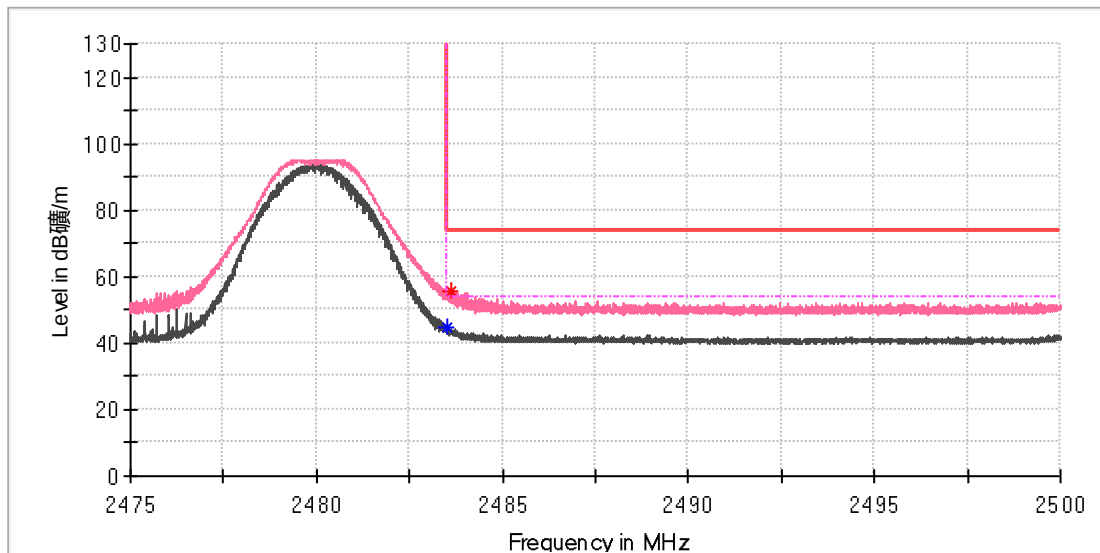
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.540441	58.36	---	74.00	15.64	150.0	H	68.0	9.0
2483.617647	---	46.74	54.00	7.26	150.0	H	68.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Block X1 Visual Wireless Stereos
Model: MBEPS04
Test Mode: BLE 2M_High channel
Order No/Sample No: 168511349/A003855037-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.533088	---	44.53	54.00	9.47	150.0	V	300.0	9.0
2483.636030	55.75	---	74.00	18.25	150.0	V	286.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---