

Appendix A: Test Results

APPENDIX A: TEST RESULTS	1
APPENDIX A.1: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL & HARMONICS.....	2
30MHz - 1GHz	2
1GHz - 18GHz.....	4
APPENDIX A.2: TEST RESULTS OF 20dB BANDWIDTH	16
APPENDIX A.3: TEST RESULTS OF 99% BANDWIDTH.....	18
APPENDIX A.4: TEST RESULTS OF BAND EDGE	20

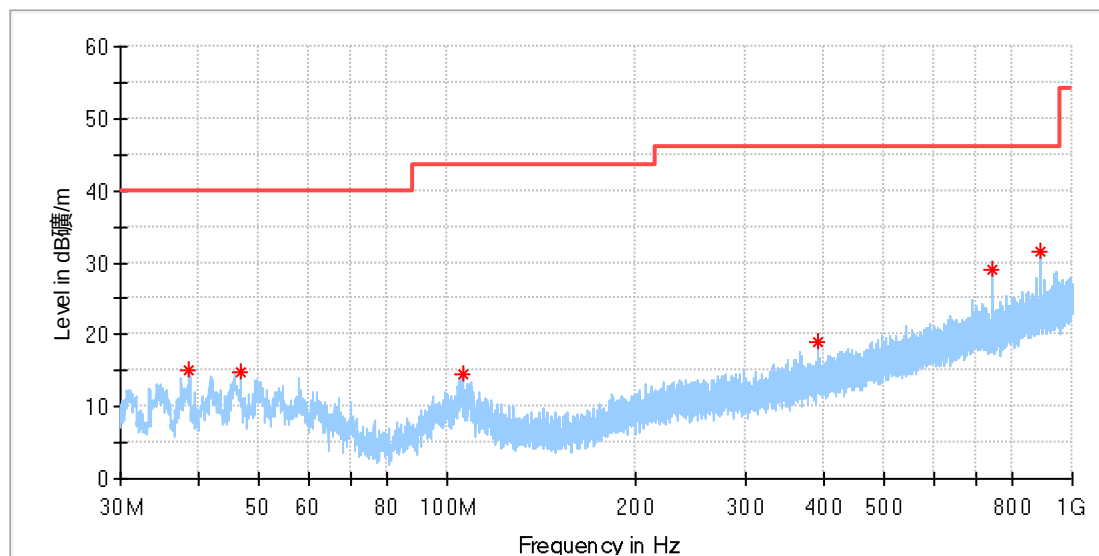
Appendix A.1: Test Results of Field strength of fundamental & harmonics

Note: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	wegear MW7 Wireless Mouse
Model:	MW7
Test Mode:	2.4GHz M CH
Order No/Sample No:	168510808/A003866656-008
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

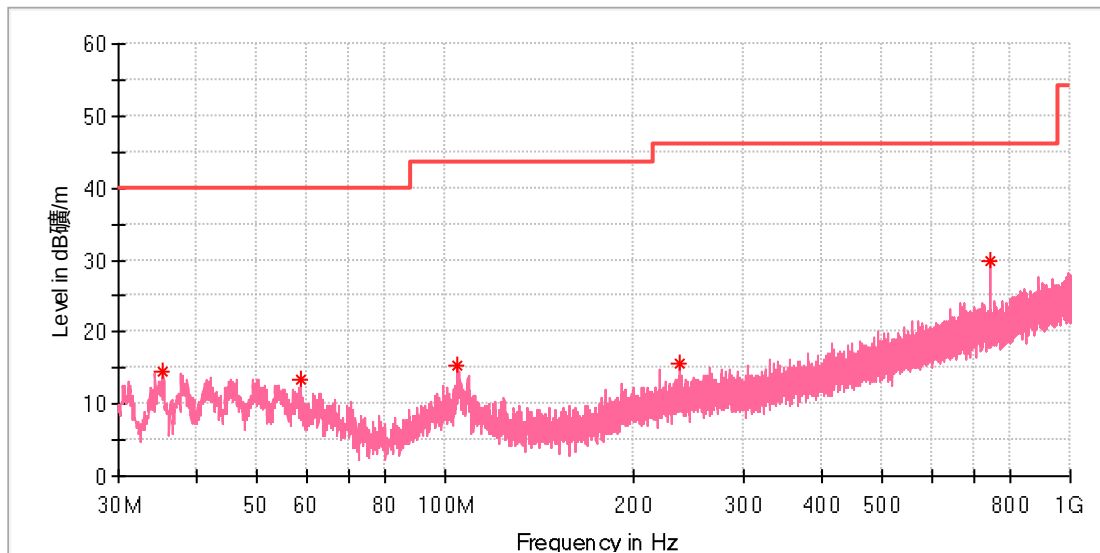
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.692692	15.06	40.00	24.94	100.0	H	0.0	-20.6
46.639231	14.86	40.00	25.14	100.0	H	287.0	-18.7
105.660000	14.39	43.50	29.11	100.0	H	338.0	-18.9
392.817308	18.85	46.00	27.15	100.0	H	255.0	-14.0
742.502308	29.08	46.00	16.92	100.0	H	104.0	-7.2
890.986923	31.67	46.00	14.33	100.0	H	0.0	-4.9

Final_Result

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

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
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)
35.372308	14.42	40.00	25.58	100.0	V	198.0	-21.8
58.652308	13.52	40.00	26.48	100.0	V	297.0	-19.0
104.205000	15.30	43.50	28.20	100.0	V	160.0	-18.9
237.132308	15.63	46.00	30.37	100.0	V	33.0	-17.8
742.502308	29.96	46.00	16.04	100.0	V	42.0	-7.2

Final_Result

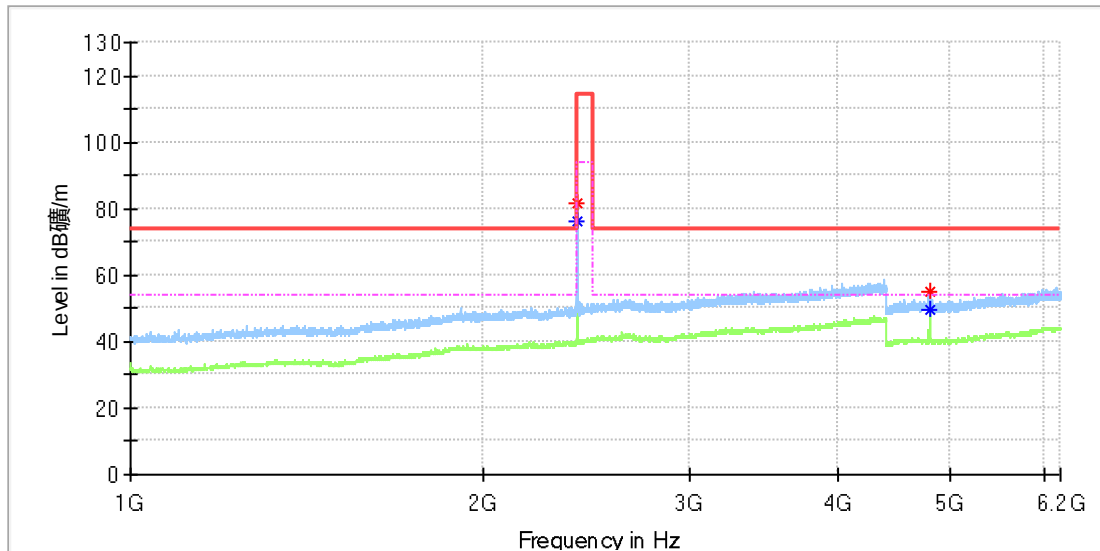
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Fundamental.

EUT Information

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Model:	MW7
Test Mode:	2.4GHz L CH
Order No/Sample No:	168510808/A003866656-008
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

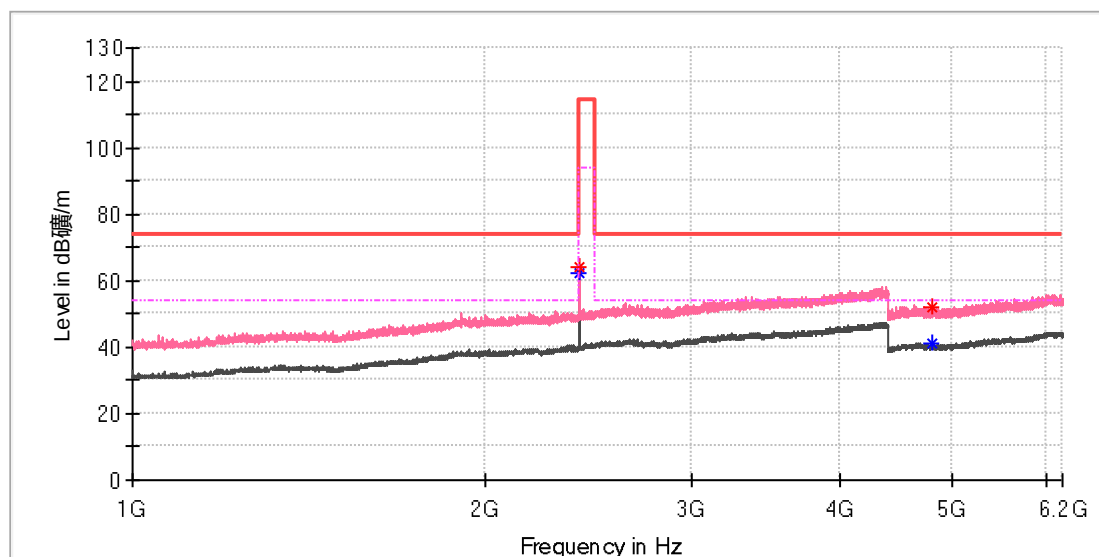
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.000000	81.52	---	114.00	32.48	150.0	H	305.0	8.5
2402.500000	---	76.07	94.00	17.93	150.0	H	305.0	8.5
4803.500000	---	49.53	54.00	4.47	150.0	H	55.0	13.3
4804.000000	54.89	---	74.00	19.11	150.0	H	55.0	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: wegear MW7 Wireless Mouse
 Model: MW7
 Test Mode: 2.4GHz L CH
 Order No/Sample No: 168510808/A003866656-008
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

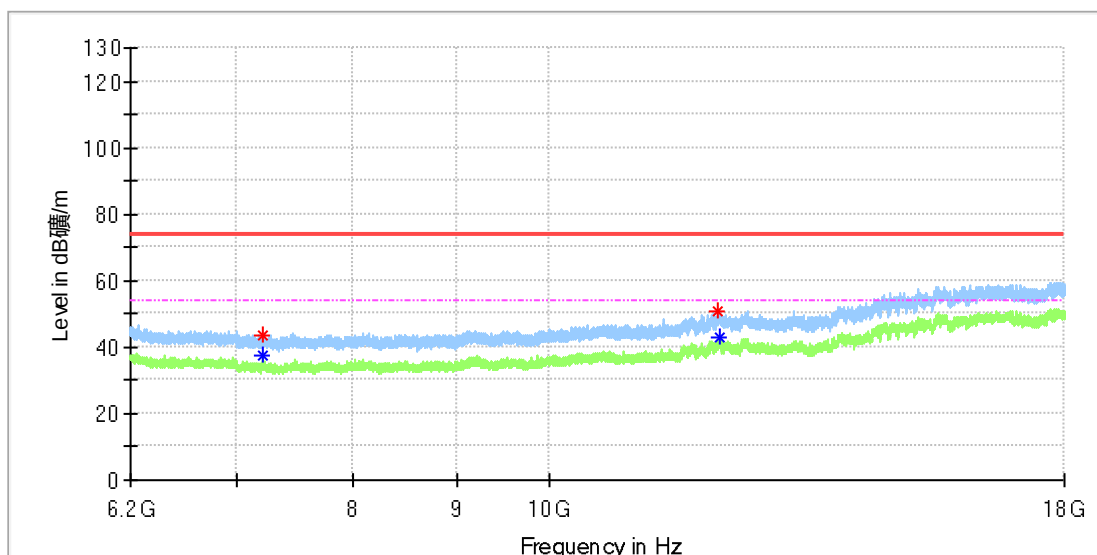
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.000000	64.09	---	114.00	49.91	150.0	V	21.0	8.5
2402.000000	---	62.53	94.00	31.47	150.0	V	21.0	8.5
4799.500000	52.15	---	74.00	21.85	150.0	V	138.0	13.3
4804.000000	---	40.91	54.00	13.09	150.0	V	36.0	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

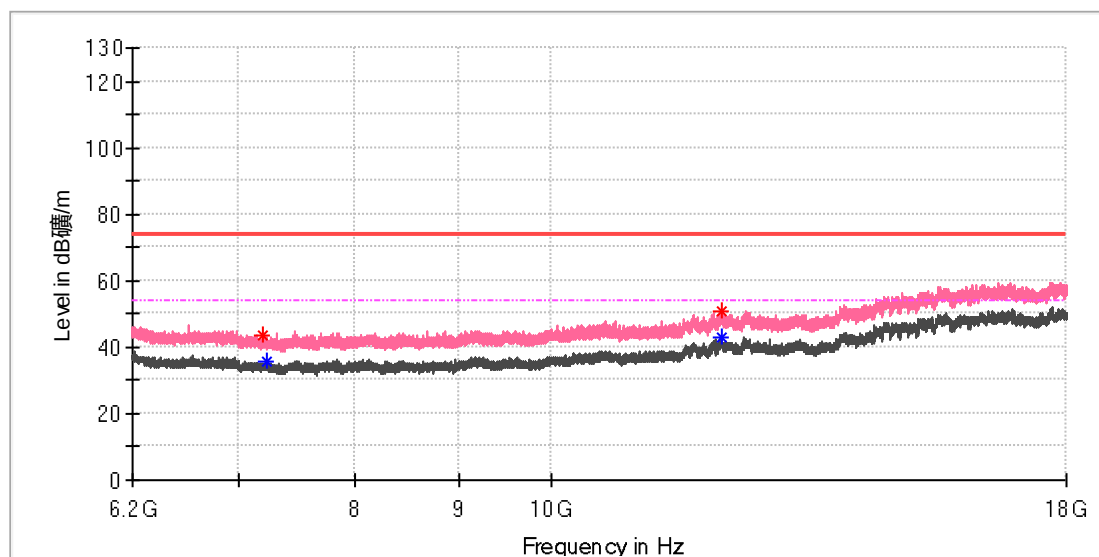
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	43.72	---	74.00	30.28	150.0	H	169.0	8.8
7205.950000	---	37.47	54.00	16.53	150.0	H	169.0	8.8
12115.733333	50.97	---	74.00	23.03	150.0	H	161.0	15.8
12152.608333	---	43.06	54.00	10.94	150.0	H	186.0	16.6

Final_Result

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

EUT Information

EUT Name: wegear MW7 Wireless Mouse
 Model: MW7
 Test Mode: 2.4GHz L CH
 Order No/Sample No: 168510808/A003866656-008
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
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Critical_Freqs

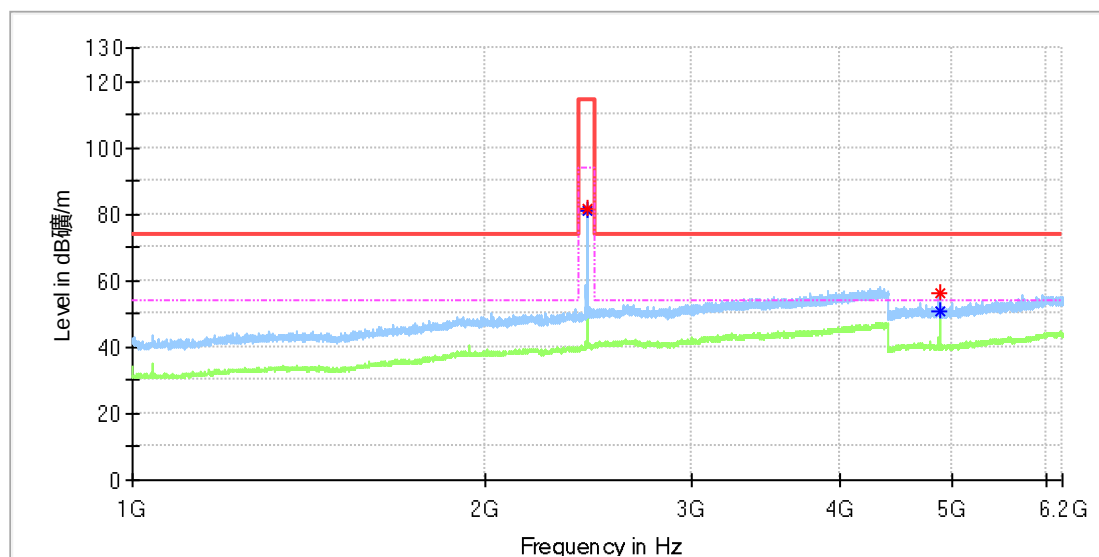
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7194.641667	43.41	---	74.00	30.59	150.0	V	132.0	8.8
7218.733333	---	35.70	54.00	18.30	150.0	V	254.0	8.7
12149.166667	50.57	---	74.00	23.43	150.0	V	5.0	16.7
12157.033333	---	42.99	54.00	11.01	150.0	V	254.0	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: wegear MW7 Wireless Mouse
 Model: MW7
 Test Mode: 2.4GHz M CH
 Order No/Sample No: 168510808/A003866656-008
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

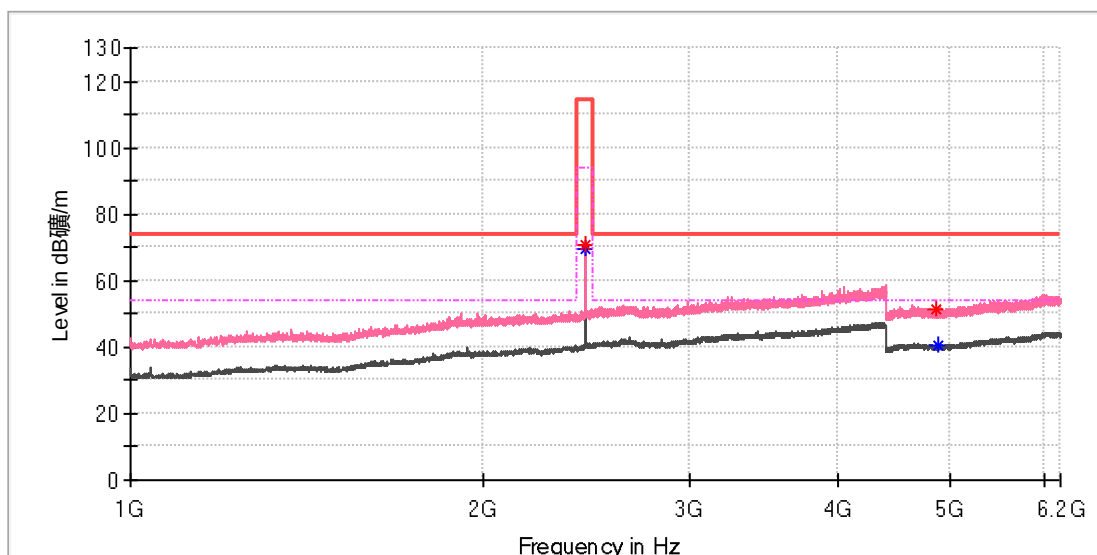
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.000000	81.80	---	114.00	32.20	150.0	H	189.0	8.9
2440.000000	---	80.83	94.00	13.17	150.0	H	189.0	8.9
4879.500000	55.94	---	74.00	18.06	150.0	H	66.0	13.3
4879.500000	---	50.93	54.00	3.07	150.0	H	66.0	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

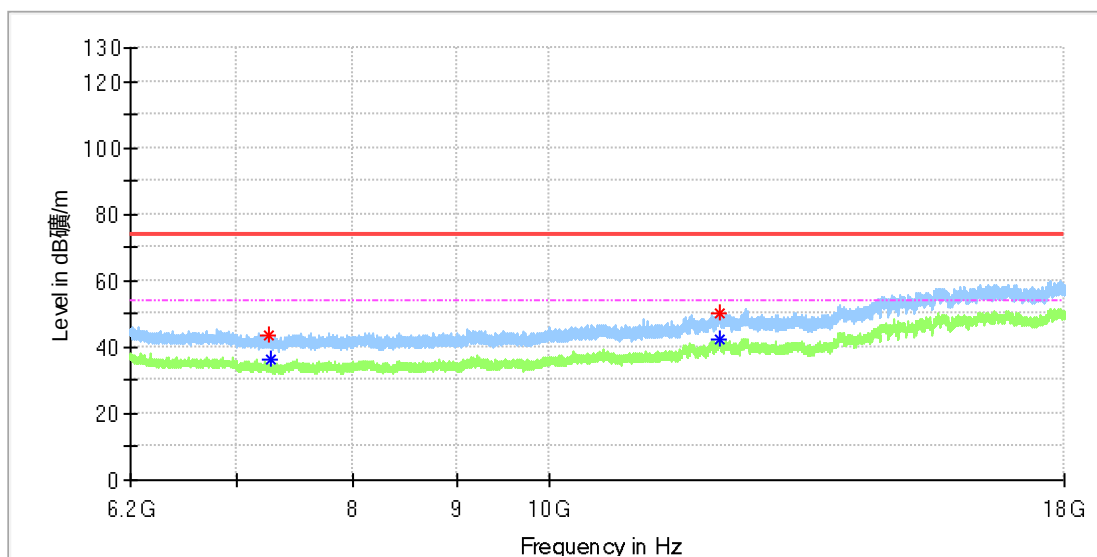
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.000000	70.66	---	114.00	43.34	150.0	V	113.0	8.9
2440.000000	---	69.27	94.00	24.73	150.0	V	113.0	8.9
4851.000000	51.55	---	74.00	22.45	150.0	V	26.0	13.3
4870.000000	---	40.54	54.00	13.46	150.0	V	272.0	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

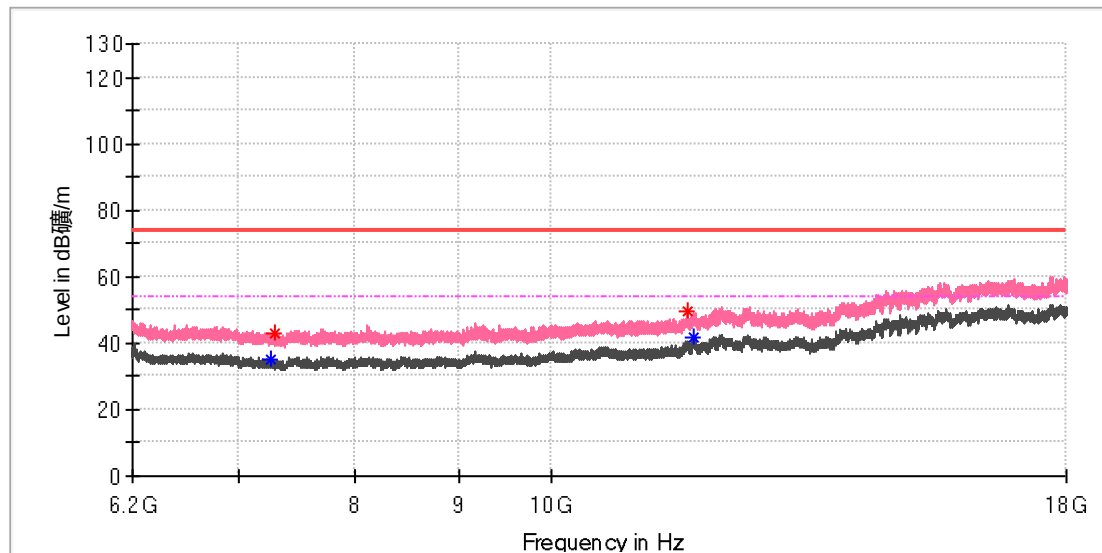
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7255.116667	43.53	---	74.00	30.47	150.0	H	68.0	8.5
7277.733333	---	36.15	54.00	17.85	150.0	H	44.0	8.4
12140.316667	---	42.12	54.00	11.88	150.0	H	35.0	16.5
12148.183333	50.47	---	74.00	23.53	150.0	H	19.0	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

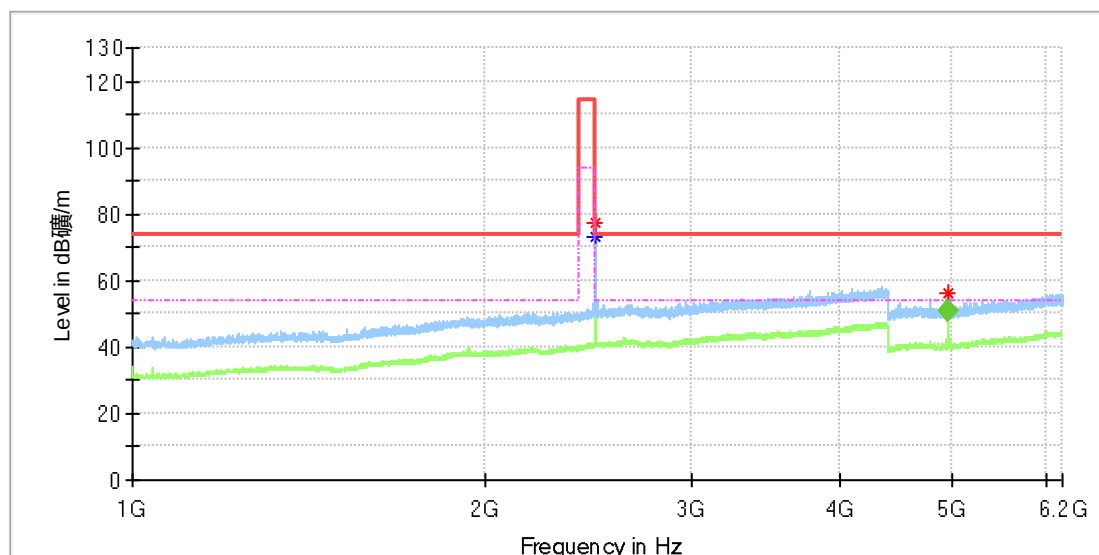
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7260.525000	---	35.12	54.00	18.88	150.0	V	63.0	8.5
7295.925000	43.08	---	74.00	30.92	150.0	V	340.0	8.3
11685.525000	49.40	---	74.00	24.60	150.0	V	63.0	15.1
11762.716667	---	41.92	54.00	12.08	150.0	V	117.0	15.4

Final_Result

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

EUT Information

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

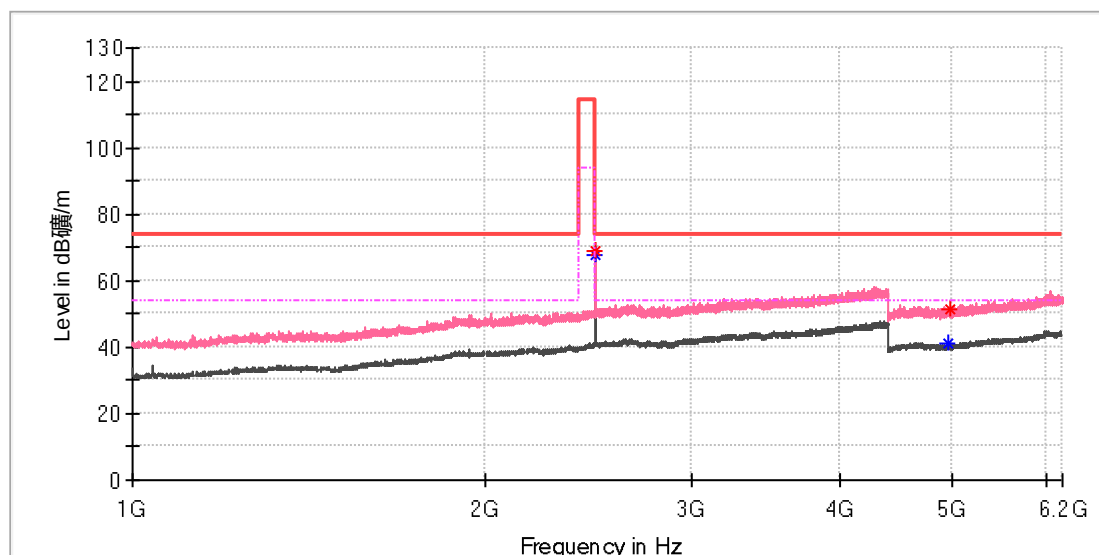
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.500000	---	72.95	94.00	21.05	150.0	H	89.0	9.0
2481.000000	77.58	---	114.00	36.42	150.0	H	89.0	9.0
4960.000000	56.24	---	74.00	17.76	150.0	H	77.0	13.3

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.027778	50.97	54.00	3.03	148.0	H	23.0	13.3

EUT Information

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

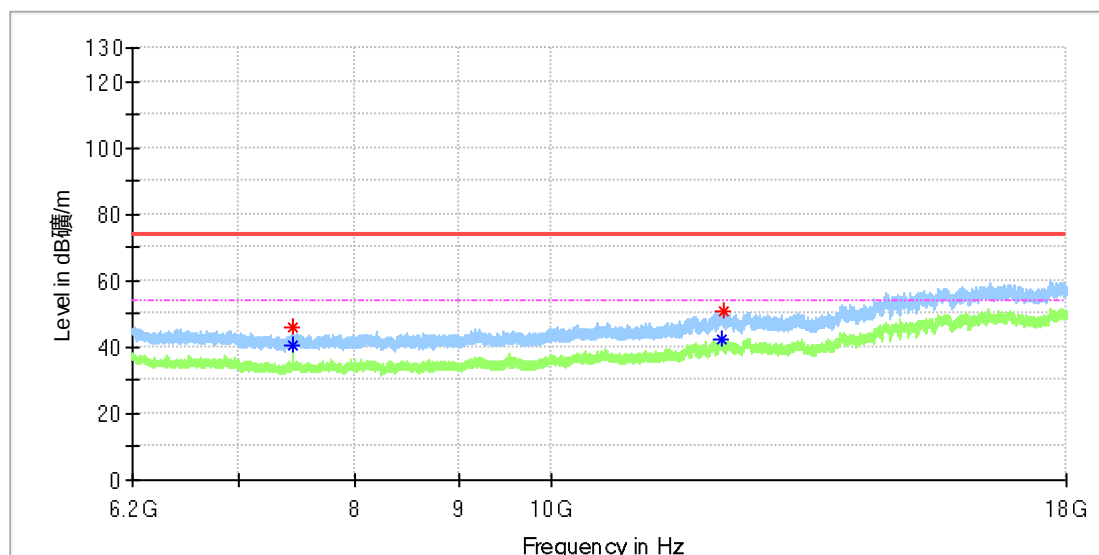
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.000000	68.73	---	114.00	45.27	150.0	V	119.0	9.0
2480.000000	---	67.48	94.00	26.52	150.0	V	119.0	9.0
4960.000000	---	41.16	54.00	12.84	150.0	V	34.0	13.3
4970.000000	51.28	---	74.00	22.72	150.0	V	81.0	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

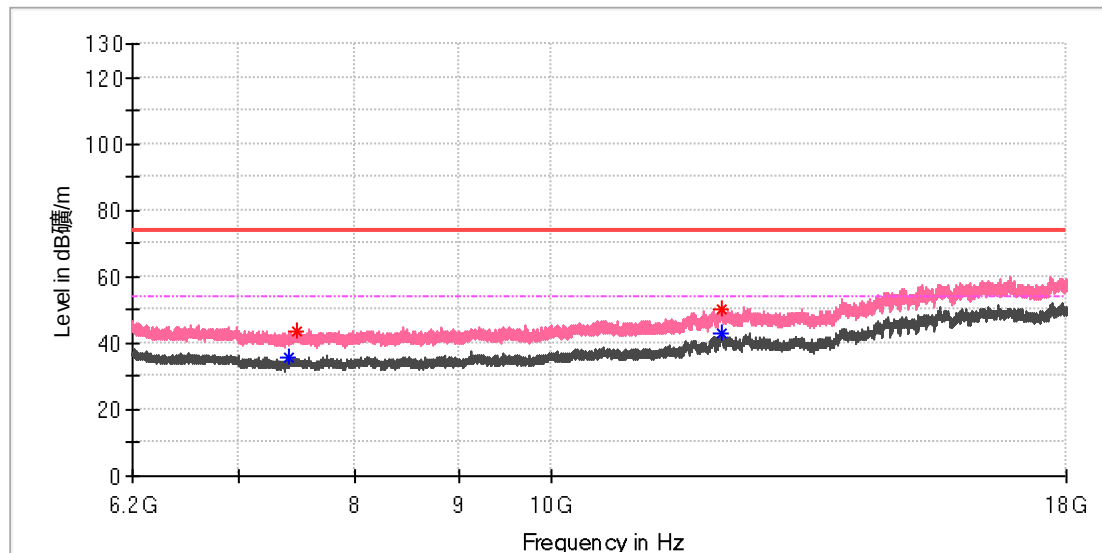
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	46.26	---	74.00	27.74	150.0	H	258.0	8.4
7439.000000	---	40.72	54.00	13.28	150.0	H	258.0	8.4
12148.183333	---	42.26	54.00	11.74	150.0	H	309.0	16.7
12159.983333	50.79	---	74.00	23.21	150.0	H	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: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

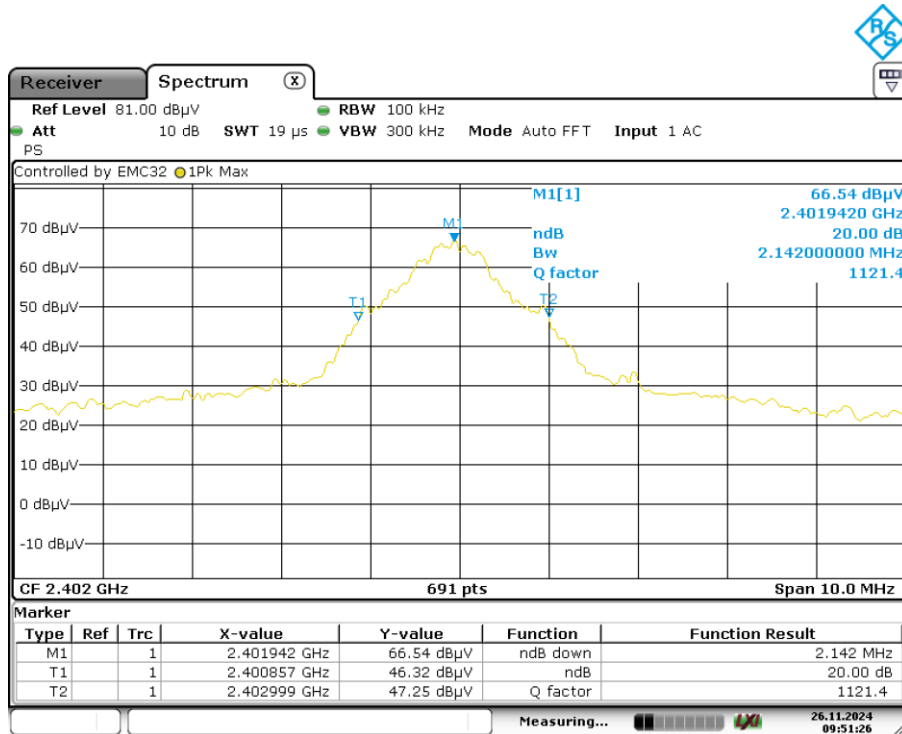
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7415.891667	---	35.66	54.00	18.34	150.0	V	248.0	8.3
7486.200000	43.42	---	74.00	30.58	150.0	V	45.0	8.7
12144.741667	---	42.80	54.00	11.20	150.0	V	131.0	16.6
12152.116667	50.03	---	74.00	23.97	150.0	V	264.0	16.6

Final_Result

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

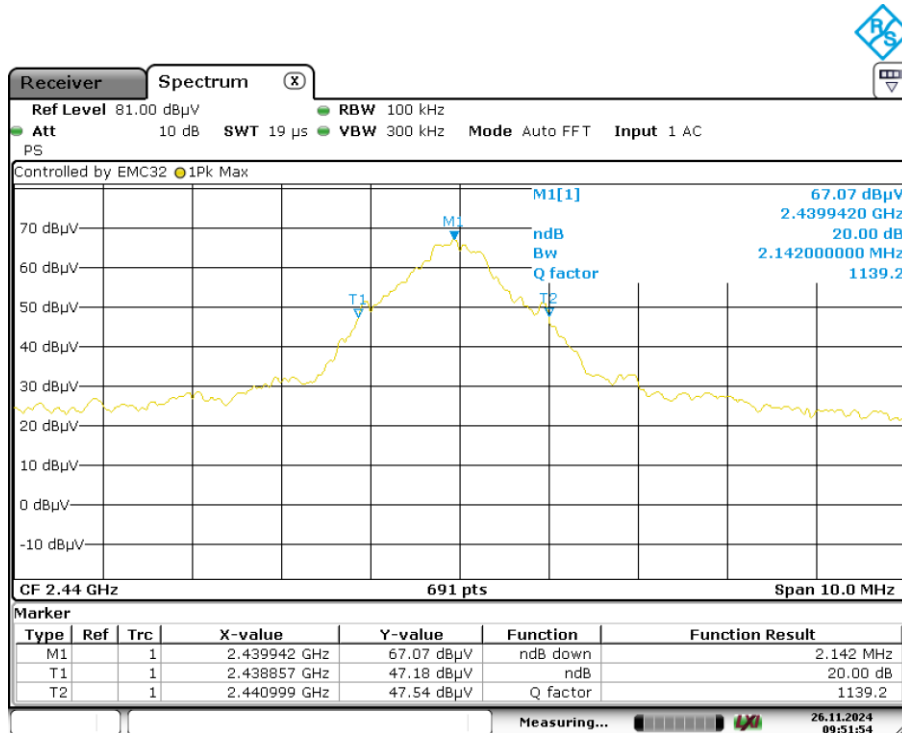
Appendix A.2: Test Results of 20dB Bandwidth

2402MHz



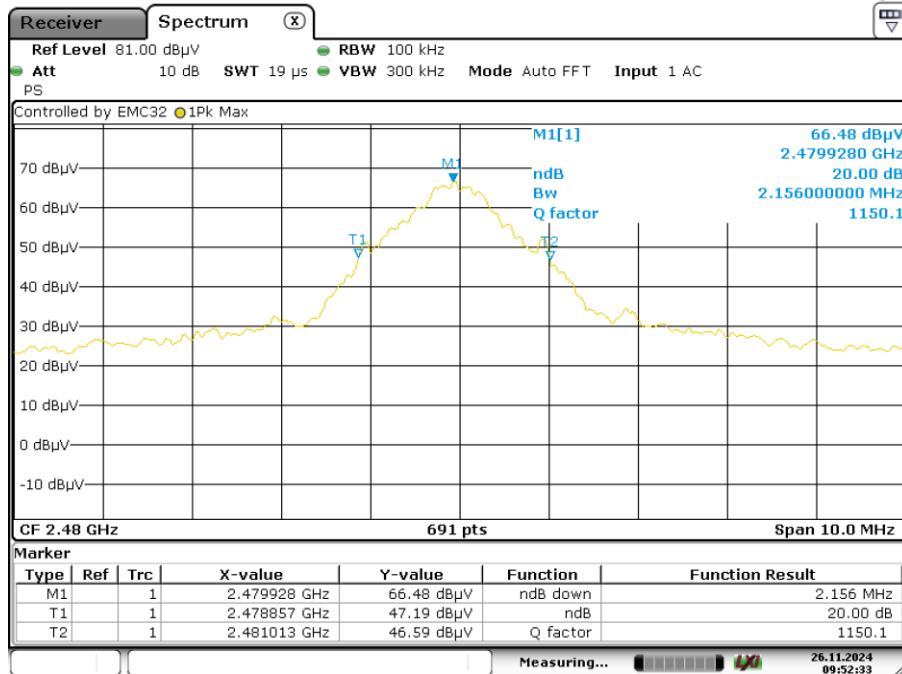
Date: 26.NOV.2024 09:51:26

2440MHz



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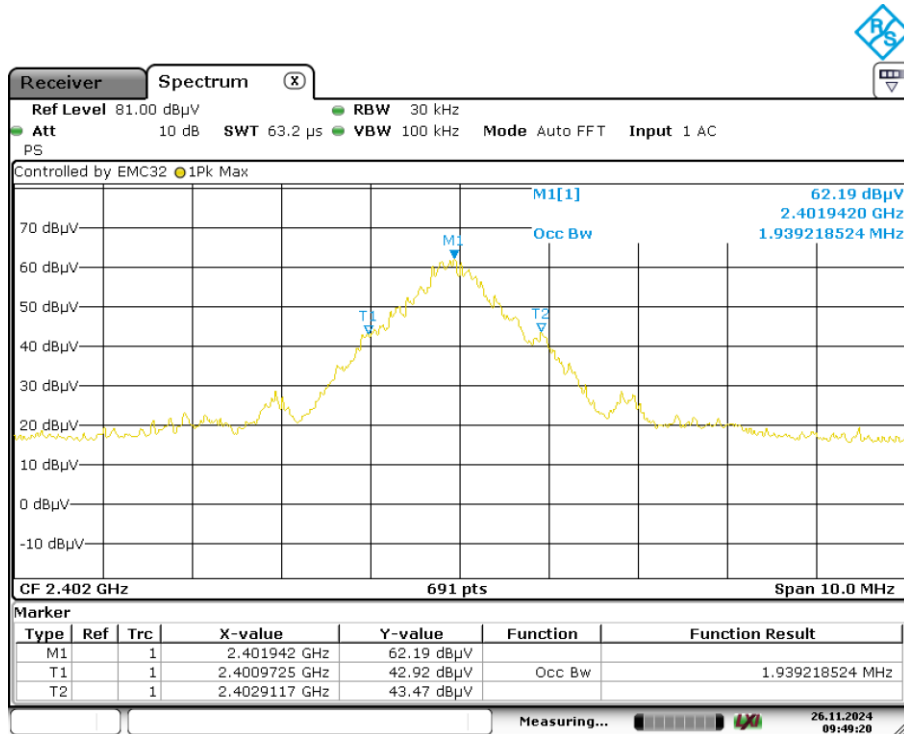
2480MHz



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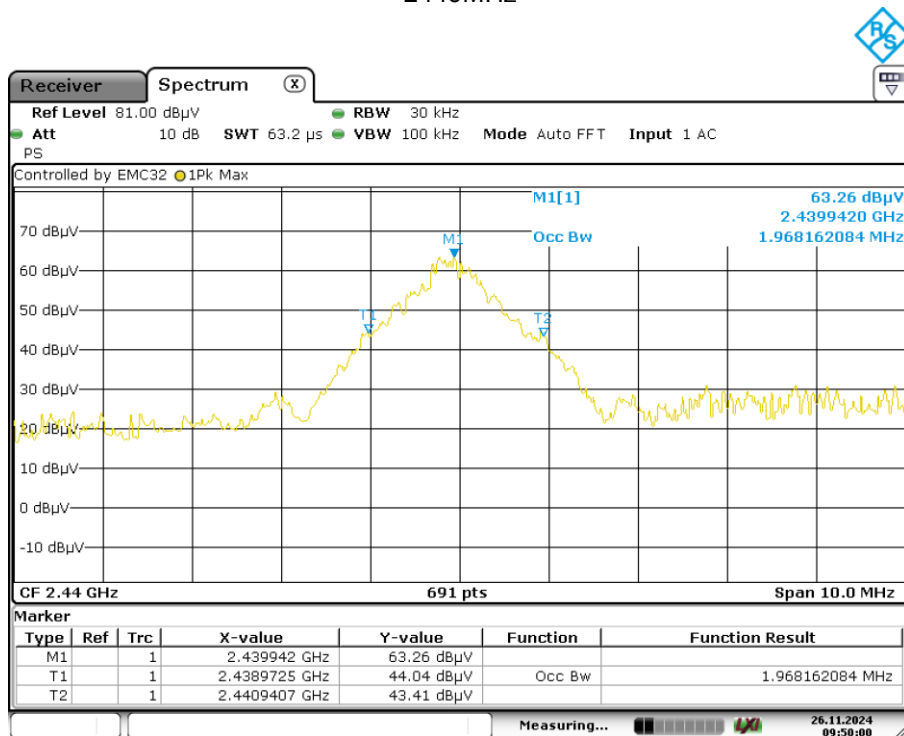
Appendix A.3: Test Results of 99% Bandwidth

2402MHz



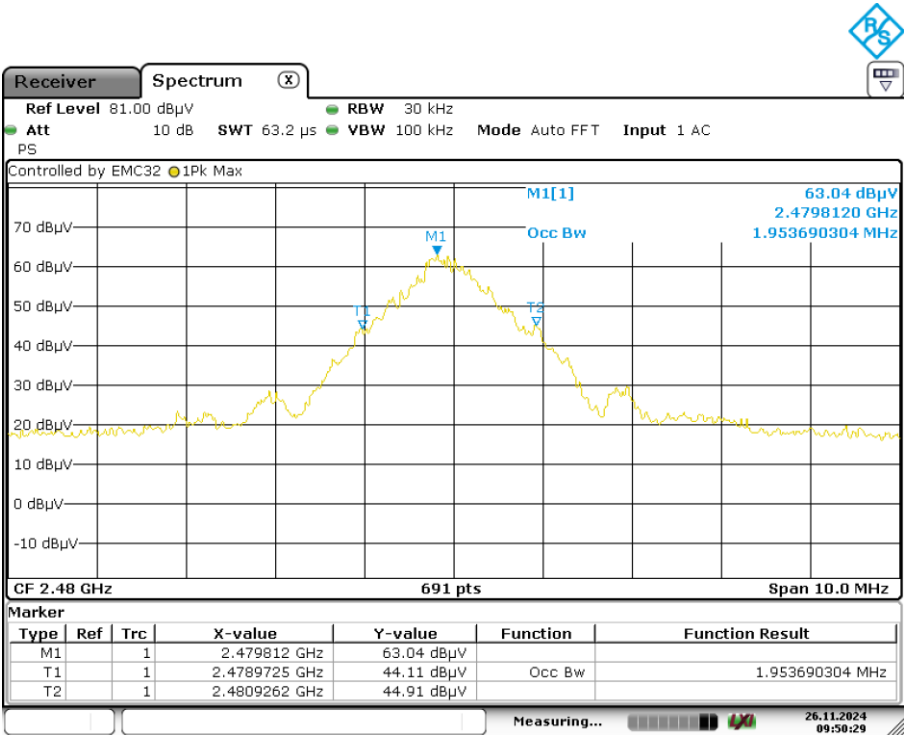
Date: 26.NOV.2024 09:49:20

2440MHz



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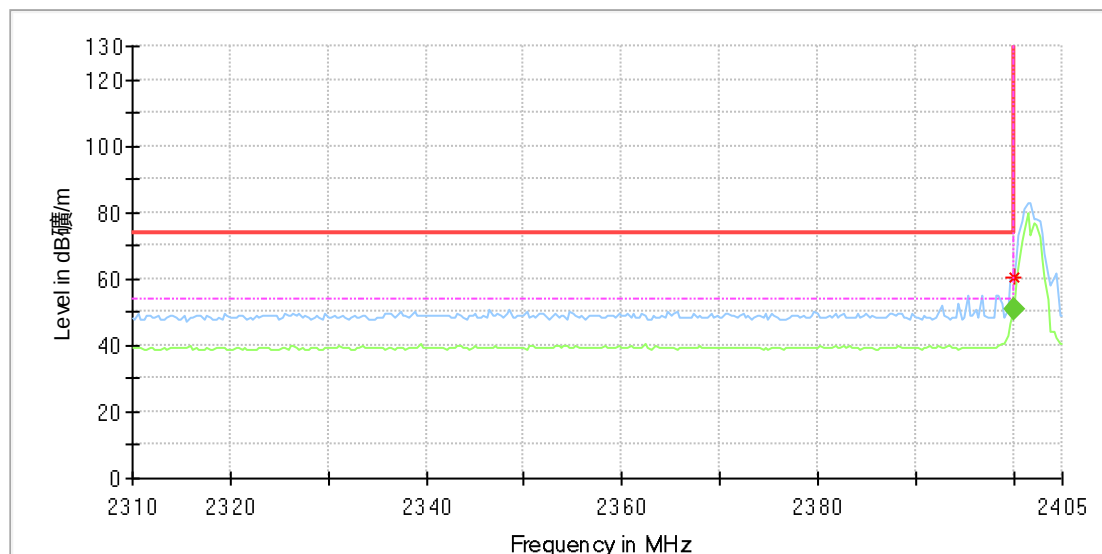
2480MHz



Appendix A.4: Test Results of Band Edge

EUT Information

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

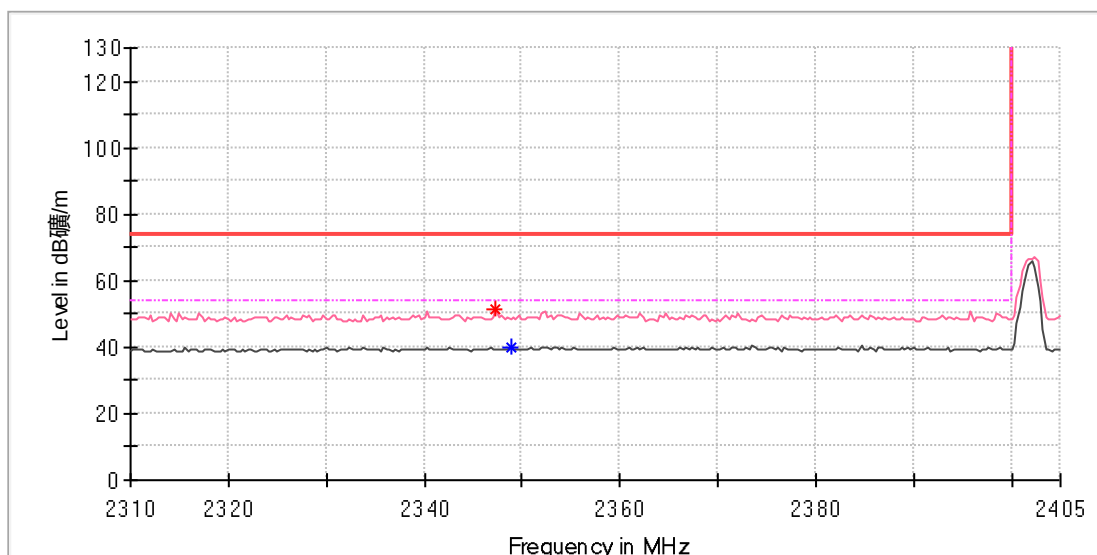
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2400.000000	60.66	---	74.00	13.34	150.0	H	279.0	8.5

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2400.000000	50.58	54.00	3.42	148.0	H	277.0	8.5

EUT Information

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

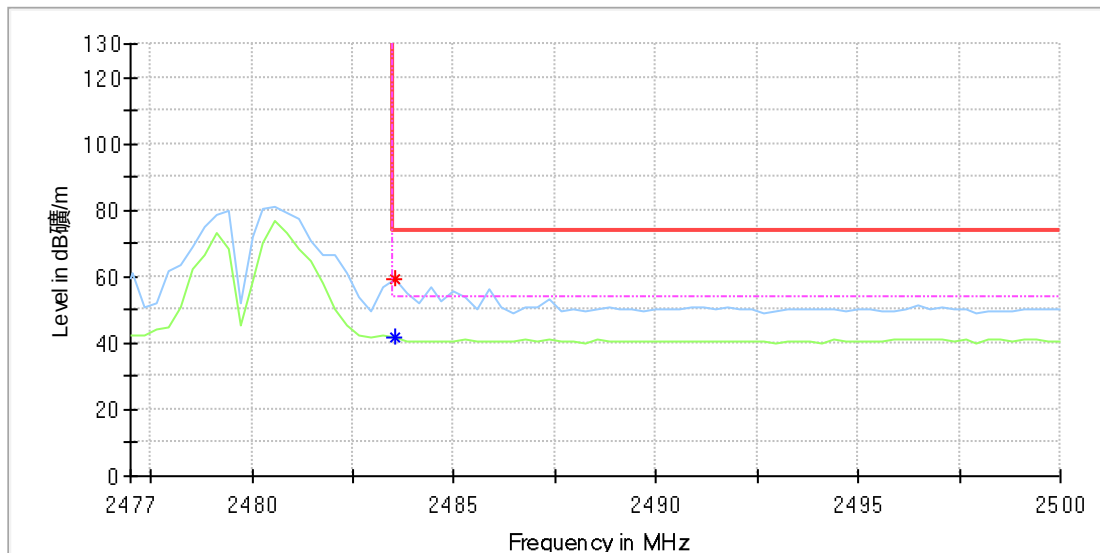
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2347.352941	51.46	---	74.00	22.54	150.0	V	277.0	8.5
2348.823529	---	39.77	54.00	14.23	150.0	V	288.0	8.5

Final_Result

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

EUT Information

EUT Name: wegear MW7 Wireless Mouse
Model: MW7
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510808/A003866656-008
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

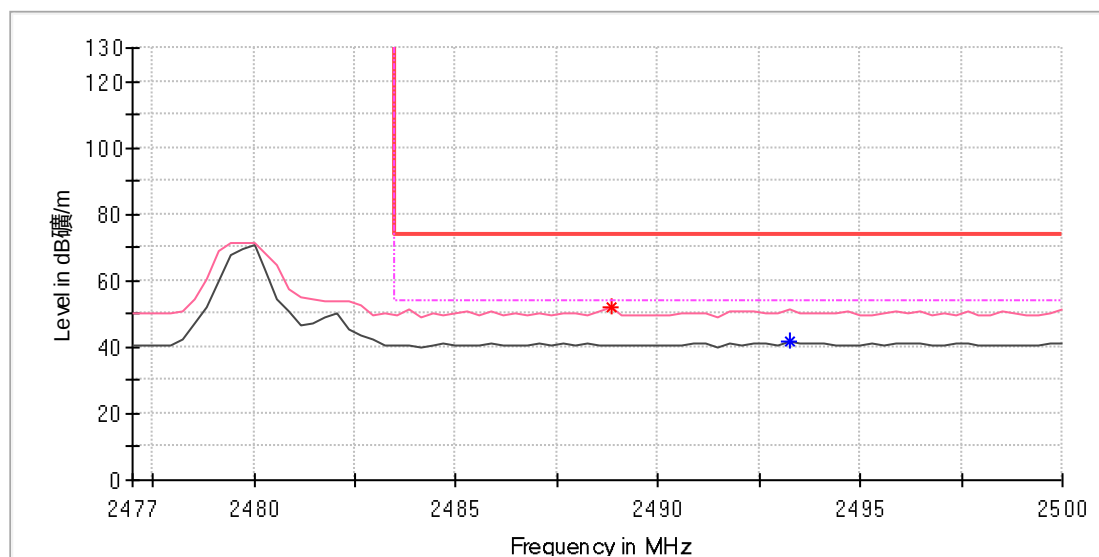
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	41.55	54.00	12.45	150.0	H	280.0	9.0
2483.529412	59.20	---	74.00	14.80	150.0	H	280.0	9.0

Final_Result

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.823529	51.71	---	74.00	22.29	150.0	V	74.0	9.0
2493.235294	---	41.63	54.00	12.37	150.0	V	128.0	9.0

Final Result

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