

Appendix A: Test Results

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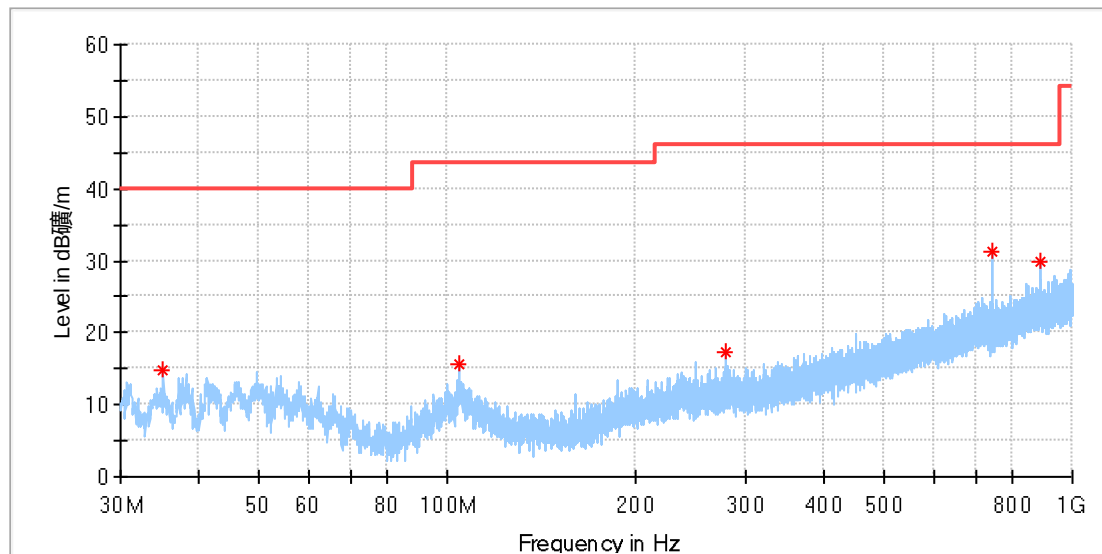
Appendix A.1: Test Results of Field Strength of Fundamental & Harmonics

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 KM3 Wireless Keyboard
Model:	KM3-K
Test Mode:	2.4GHz M CH
Order No/Sample No:	168510807/A003866656-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

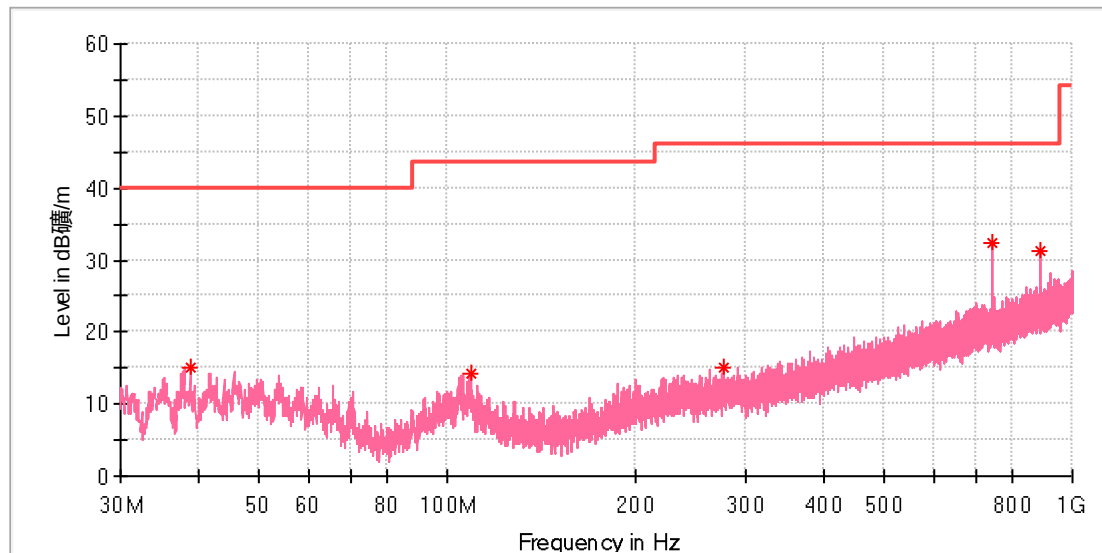
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
35.148462	14.66	40.00	25.34	100.0	H	162.0	-21.9
104.727308	15.69	43.50	27.81	100.0	H	49.0	-18.9
278.543846	17.32	46.00	28.68	100.0	H	13.0	-16.8
742.502308	31.33	46.00	14.67	100.0	H	260.0	-7.2
890.986923	29.74	46.00	16.26	100.0	H	252.0	-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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510807/A003866656-003
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)
38.767308	15.14	40.00	24.86	100.0	V	6.0	-20.6
108.831154	14.25	43.50	29.25	100.0	V	109.0	-19.1
276.566539	15.19	46.00	30.81	100.0	V	125.0	-16.8
742.502308	32.35	46.00	13.65	100.0	V	306.0	-7.2
890.986923	31.31	46.00	14.69	100.0	V	267.0	-4.9

Final_Result

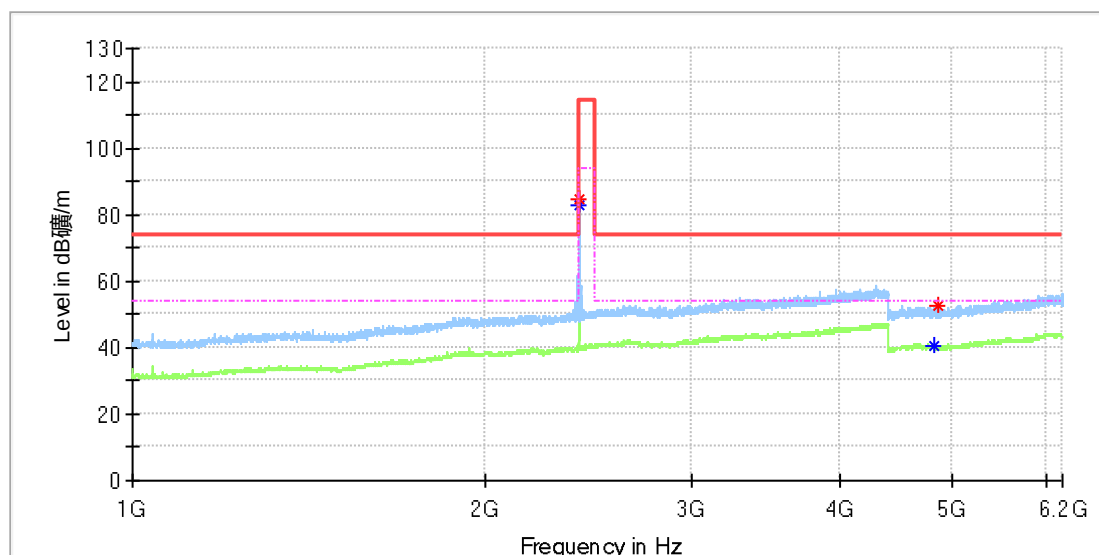
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

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Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

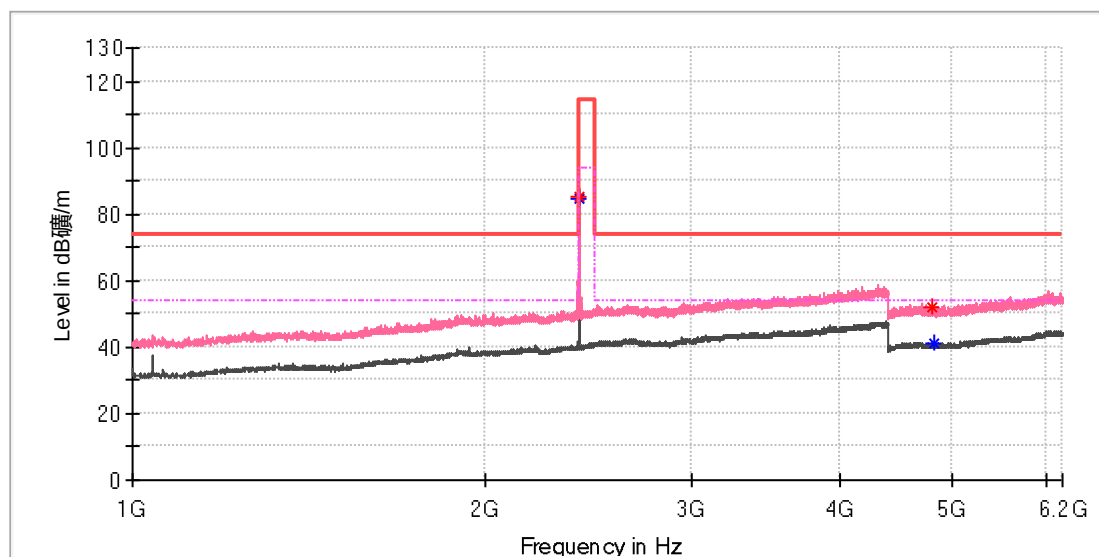
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.000000	---	82.76	94.00	11.24	150.0	H	299.0	8.5
2402.000000	84.68	---	114.00	29.32	150.0	H	299.0	8.5
4820.500000	---	40.55	54.00	13.45	150.0	H	81.0	13.3
4855.000000	52.72	---	74.00	21.28	150.0	H	31.0	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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
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Critical_Freqs

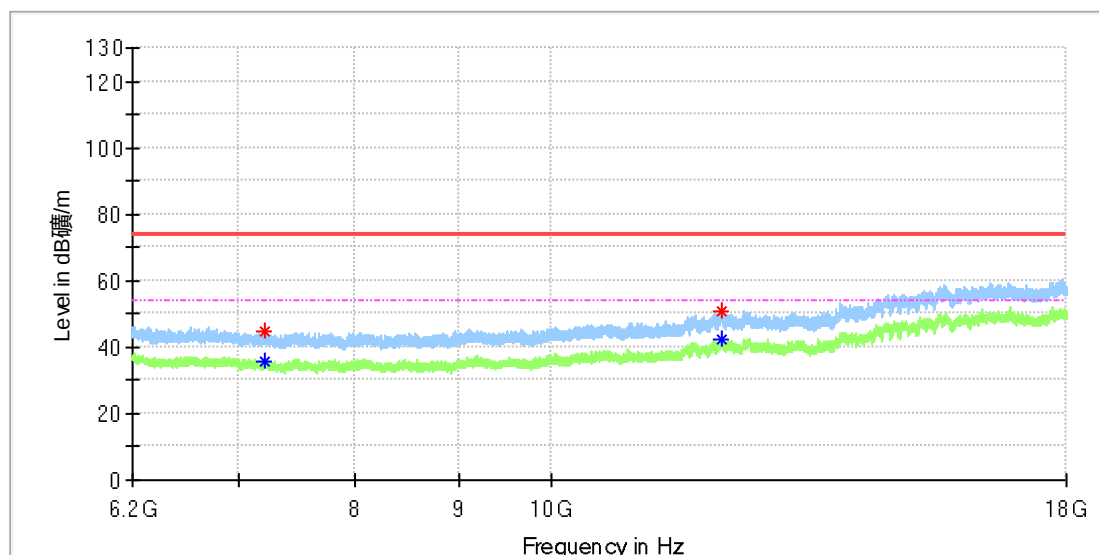
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.500000	85.38	---	114.00	28.62	150.0	V	69.0	8.5
2402.000000	---	84.43	94.00	9.57	150.0	V	69.0	8.5
4807.500000	51.84	---	74.00	22.16	150.0	V	221.0	13.3
4812.000000	---	41.02	54.00	12.98	150.0	V	87.0	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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

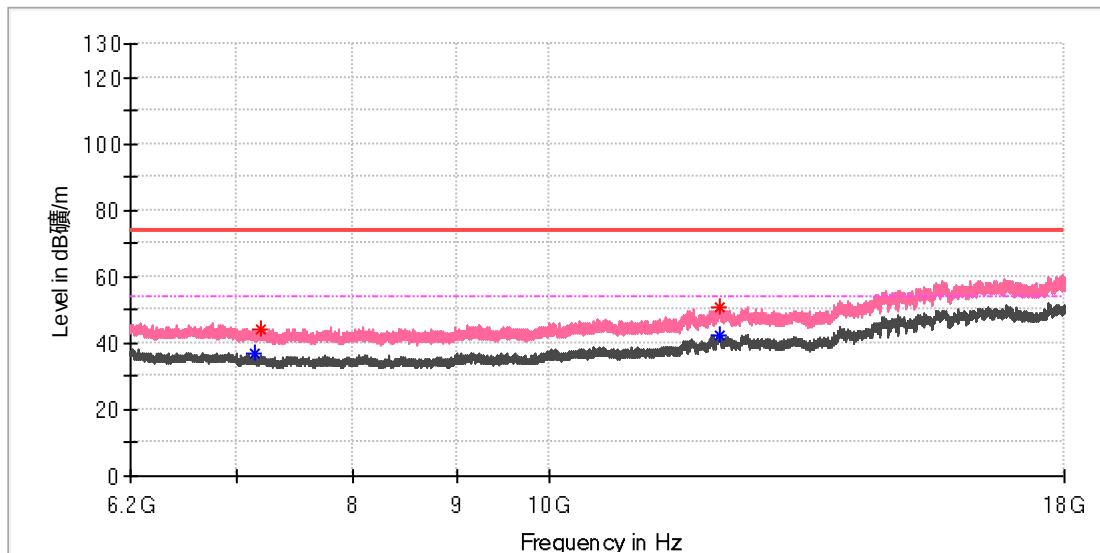
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	44.71	---	74.00	29.29	150.0	H	228.0	8.8
7209.883333	---	35.84	54.00	18.16	150.0	H	84.0	8.7
12132.450000	50.89	---	74.00	23.11	150.0	H	217.0	16.3
12154.575000	---	42.06	54.00	11.94	150.0	H	68.0	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: wegear KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
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Critical_Freqs

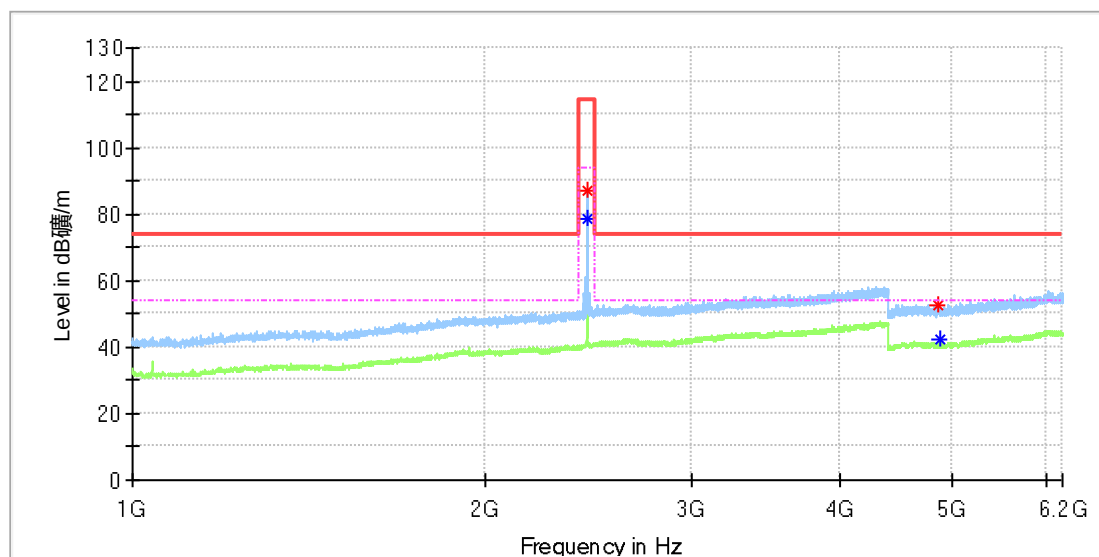
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7152.358333	---	37.06	54.00	16.94	150.0	V	51.0	8.7
7189.233333	44.05	---	74.00	29.95	150.0	V	94.0	8.8
12133.925000	50.83	---	74.00	23.17	150.0	V	159.0	16.3
12149.166667	---	42.41	54.00	11.59	150.0	V	297.0	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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

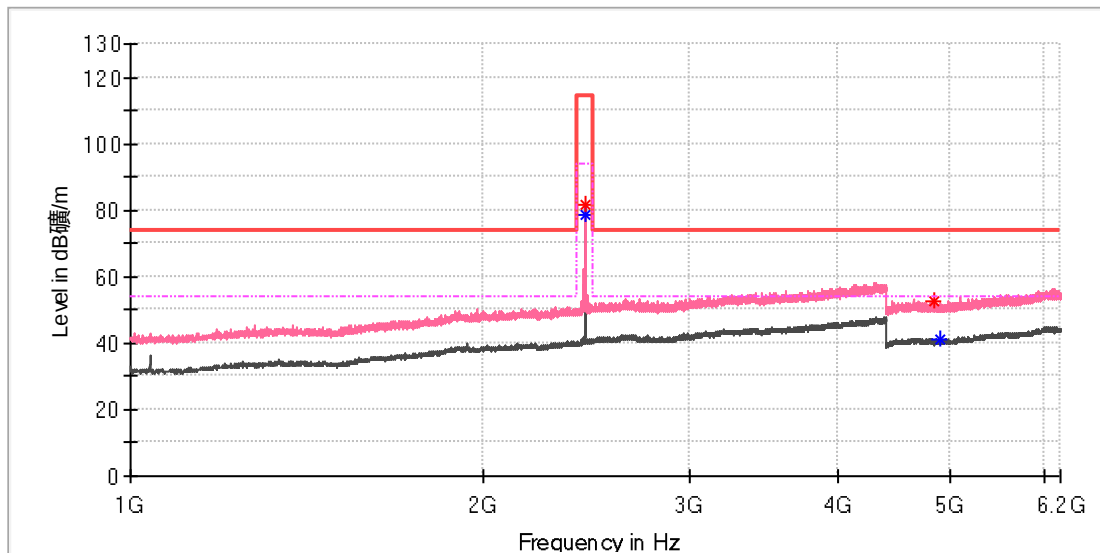
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2439.500000	86.97	---	114.00	27.03	150.0	H	80.0	8.9
2440.000000	---	78.84	94.00	15.16	150.0	H	95.0	8.9
4859.000000	52.31	---	74.00	21.69	150.0	H	99.0	13.3
4879.500000	---	42.30	54.00	11.70	150.0	H	175.0	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 KM3 Wireless Keyboard
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Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

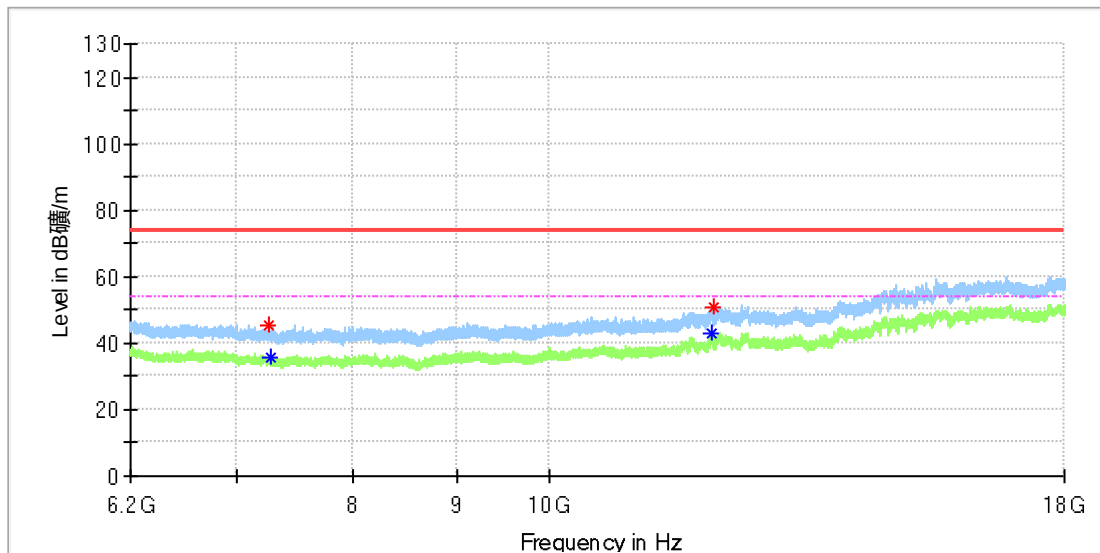
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.000000	81.59	---	114.00	32.41	150.0	V	11.0	8.9
2440.000000	---	78.66	94.00	15.34	150.0	V	11.0	8.9
4845.000000	52.40	---	74.00	21.60	150.0	V	197.0	13.3
4903.000000	---	41.10	54.00	12.90	150.0	V	63.0	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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

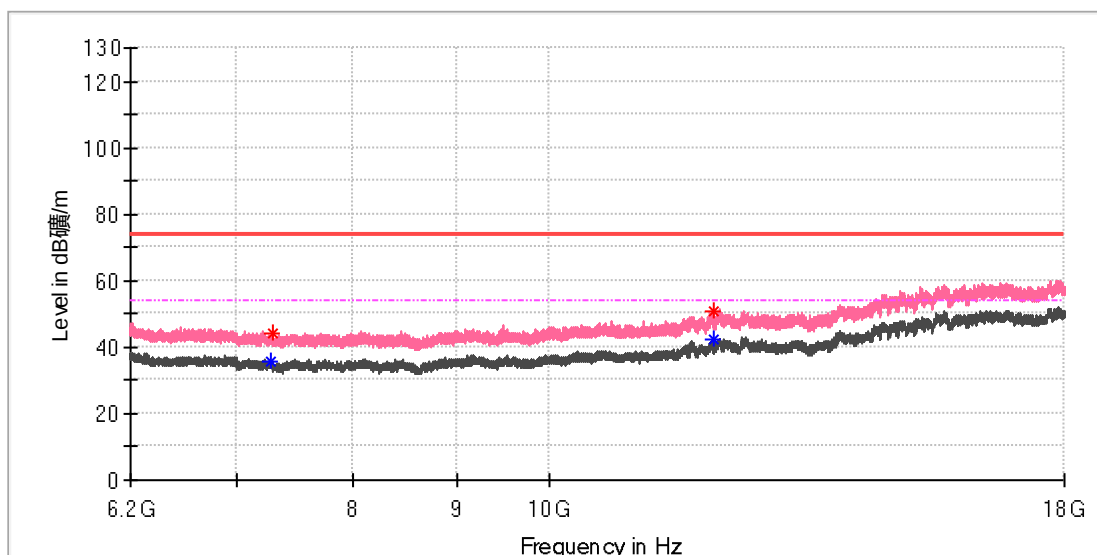
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7262.983333	45.07	---	74.00	28.93	150.0	H	278.0	8.5
7274.783333	---	35.95	54.00	18.05	150.0	H	60.0	8.4
12039.525000	---	42.98	54.00	11.02	150.0	H	344.0	16.2
12051.325000	50.74	---	74.00	23.26	150.0	H	82.0	16.3

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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz M CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

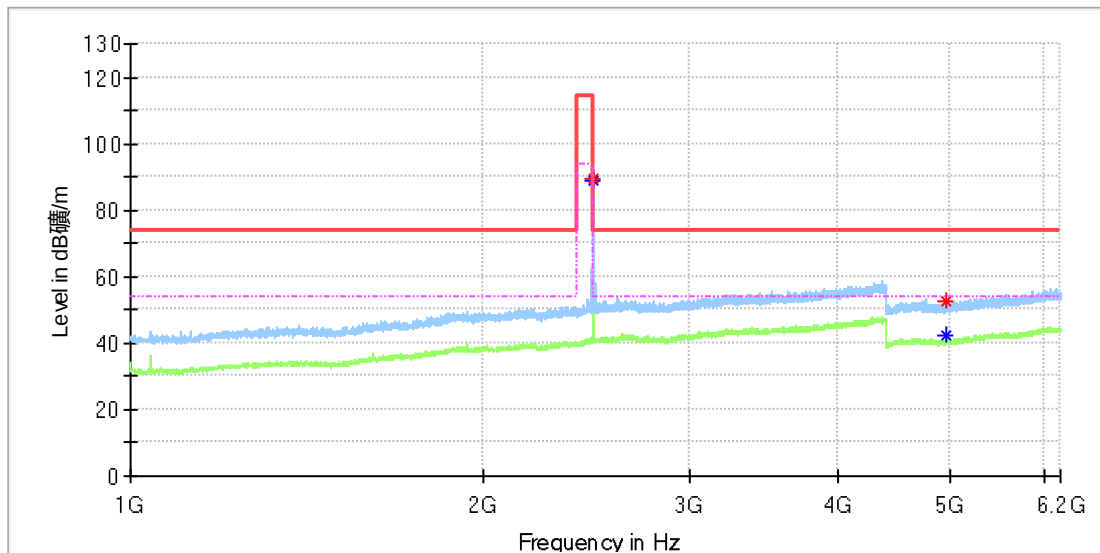
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7272.816667	---	35.88	54.00	18.12	150.0	V	268.0	8.4
7291.008333	44.39	---	74.00	29.61	150.0	V	80.0	8.3
12052.308333	---	42.46	54.00	11.54	150.0	V	169.0	16.1
12054.275000	50.87	---	74.00	23.13	150.0	V	291.0	15.9

Final_Result

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

EUT Information

EUT Name: wegear KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

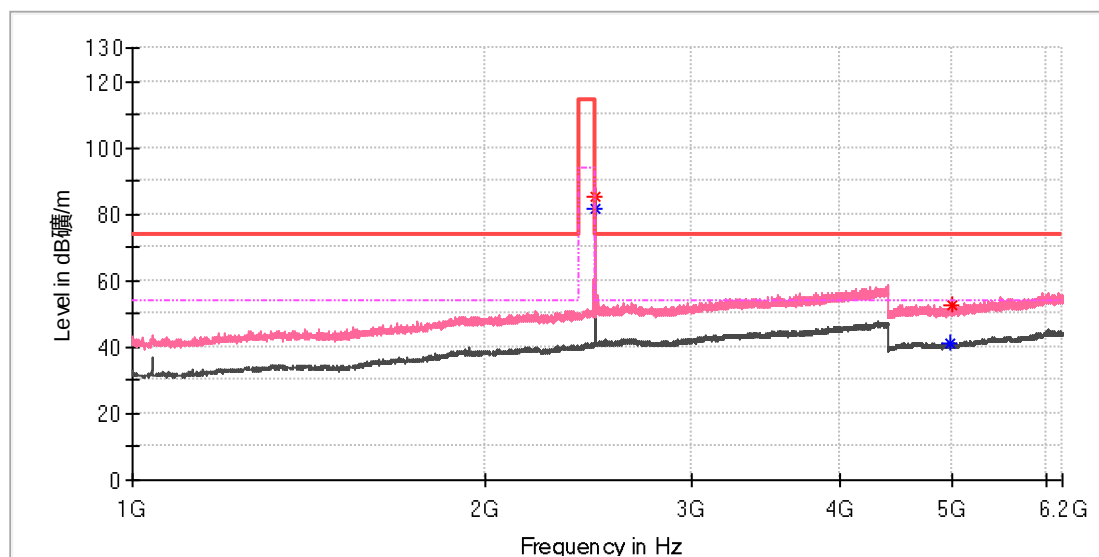
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.000000	89.69	---	114.00	24.31	150.0	H	71.0	9.0
2480.000000	---	88.65	94.00	5.35	150.0	H	71.0	9.0
4957.000000	52.42	---	74.00	21.58	150.0	H	311.0	13.3
4959.500000	---	42.56	54.00	11.44	150.0	H	323.0	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 KM3 Wireless Keyboard
 Model: KM3-K
 Test Mode: 2.4GHz H CH
 Order No/Sample No: 168510807/A003866656-003
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

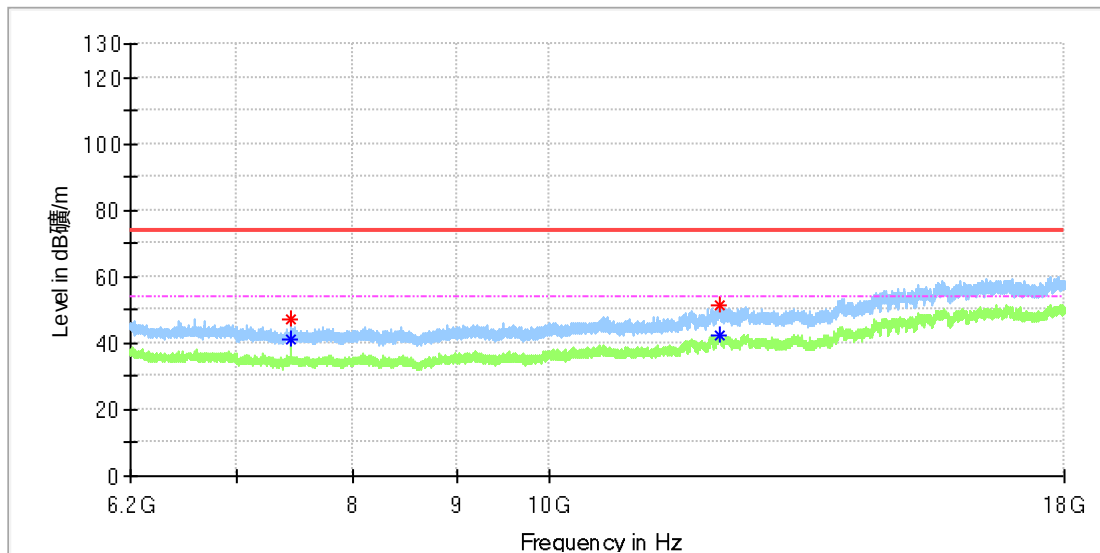
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.500000	85.43	---	114.00	28.57	150.0	V	106.0	9.0
2480.500000	---	81.88	94.00	12.12	150.0	V	106.0	9.0
4969.500000	---	41.01	54.00	12.99	150.0	V	134.0	13.3
4991.500000	52.58	---	74.00	21.42	150.0	V	113.0	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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

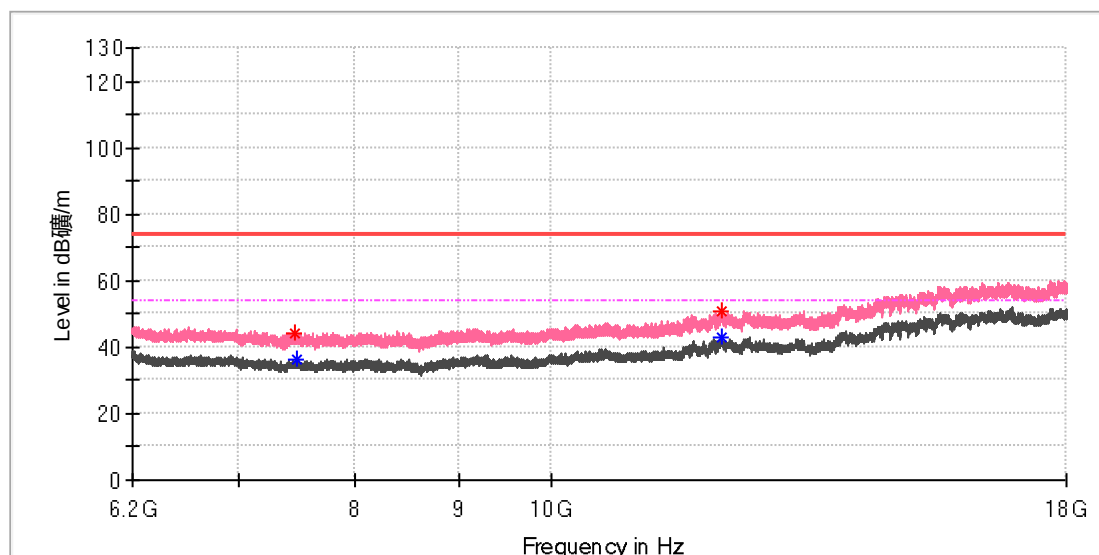
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.000000	46.89	---	74.00	27.11	150.0	H	60.0	8.4
7439.000000	---	40.96	54.00	13.04	150.0	H	60.0	8.4
12144.741667	---	42.54	54.00	11.46	150.0	H	284.0	16.6
12145.233333	51.24	---	74.00	22.76	150.0	H	66.0	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 KM3 Wireless Keyboard
 Model: KM3-K
 Test Mode: 2.4GHz H CH
 Order No/Sample No: 168510807/A003866656-003
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

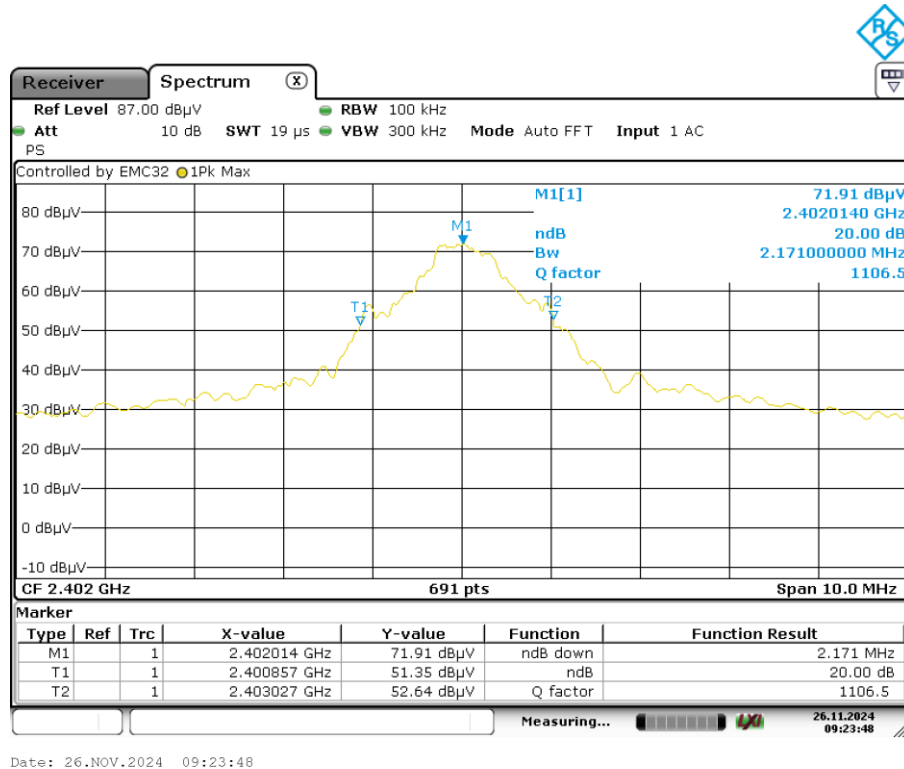
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7466.041667	44.12	---	74.00	29.88	150.0	V	249.0	8.6
7470.466667	---	36.13	54.00	17.87	150.0	V	349.0	8.6
12136.383333	50.92	---	74.00	23.08	150.0	V	175.0	16.4
12151.133333	---	42.74	54.00	11.26	150.0	V	186.0	16.7

Final_Result

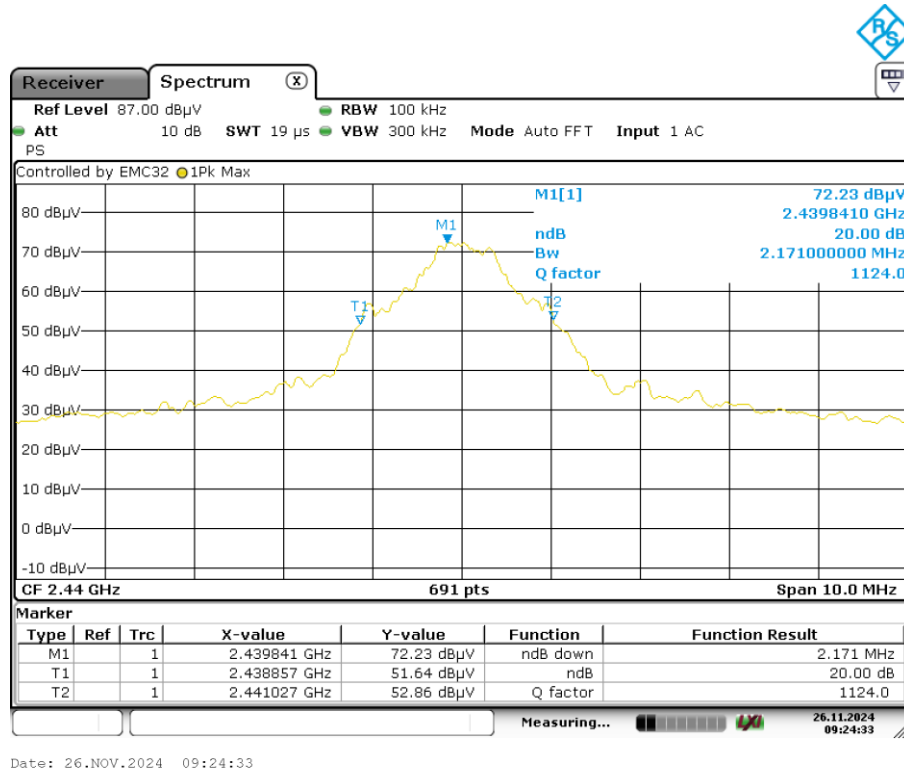
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.2: Test Results of 20dB Bandwidth

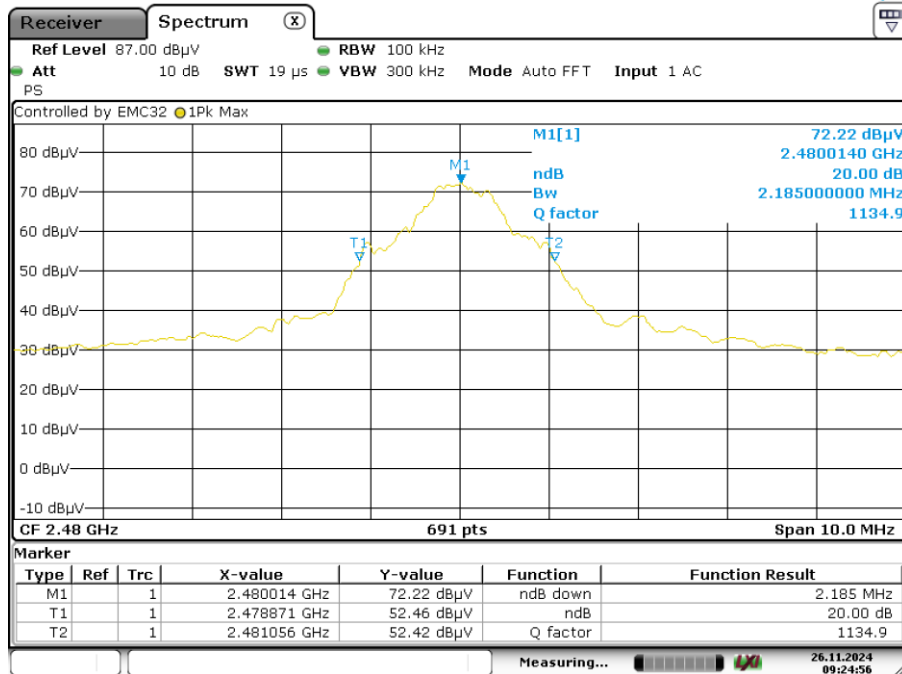
2402MHz



2440MHz



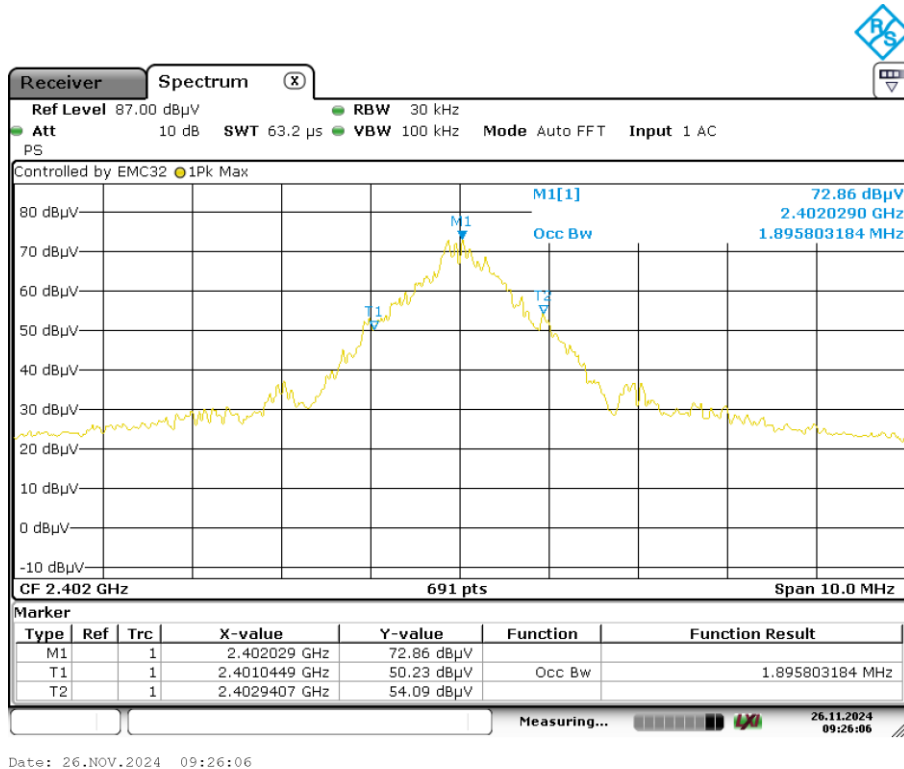
2480MHz



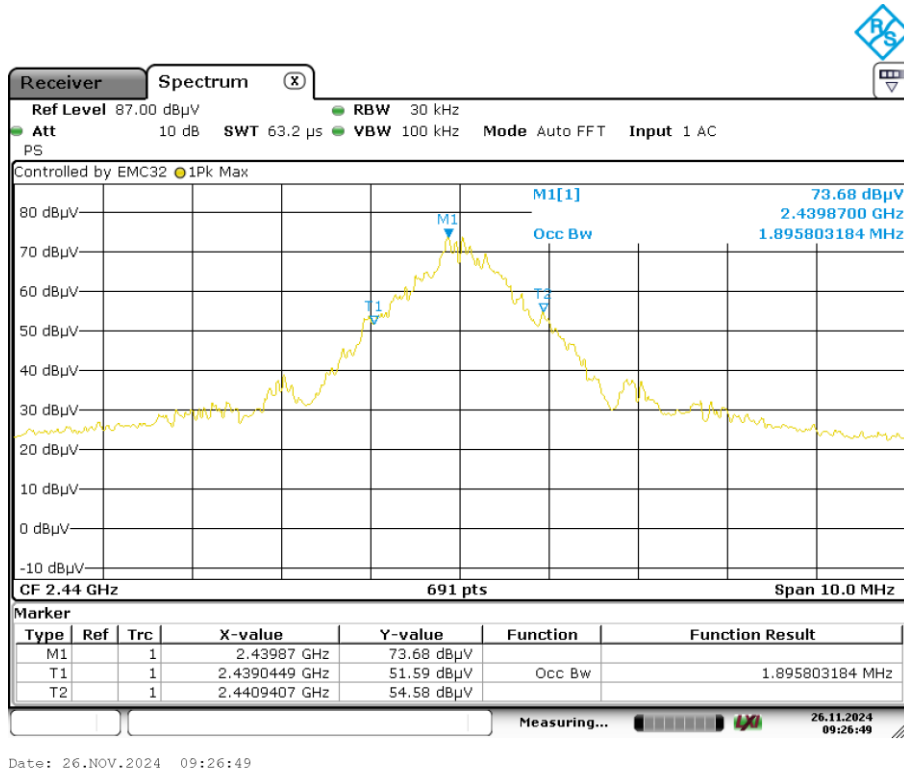
Date: 26.NOV.2024 09:24:56

Appendix A.3: Test Results of 99% Bandwidth

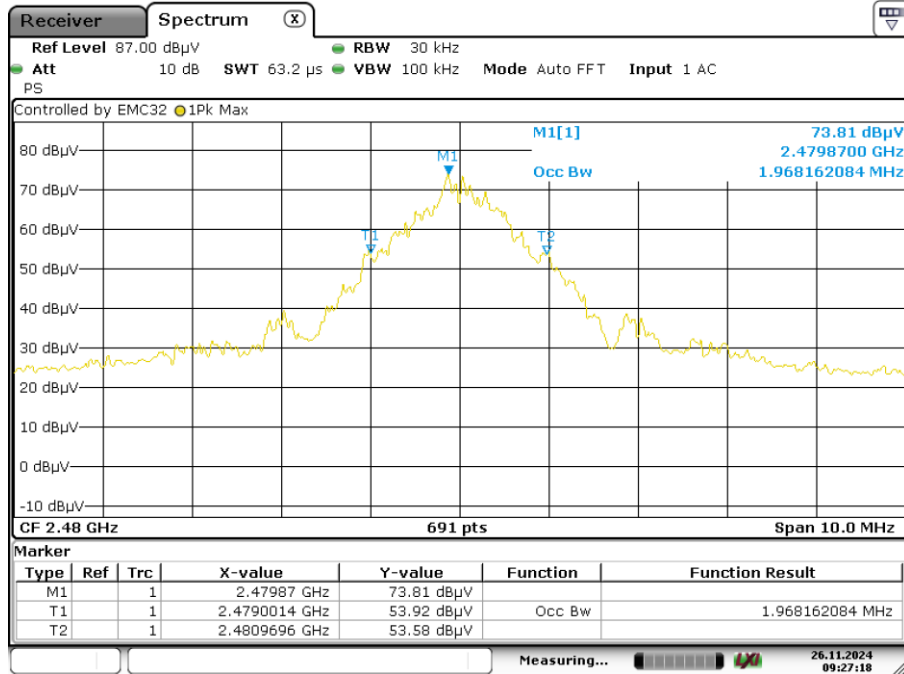
2402MHz



2440MHz



2480MHz

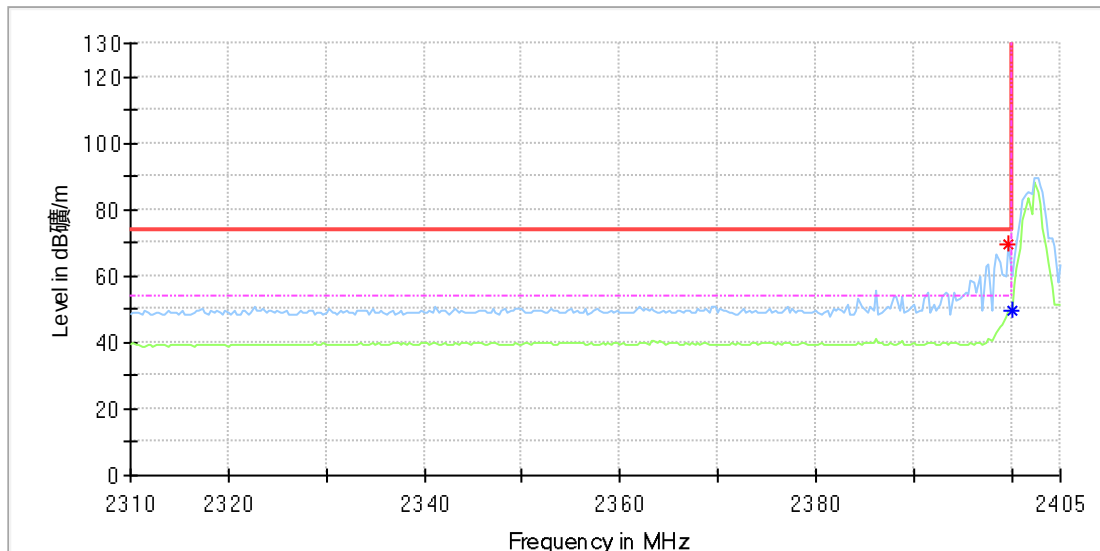


Date: 26.NOV.2024 09:27:18

Appendix A.4: Test Results of Band Edge

EUT Information

EUT Name: wegear KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

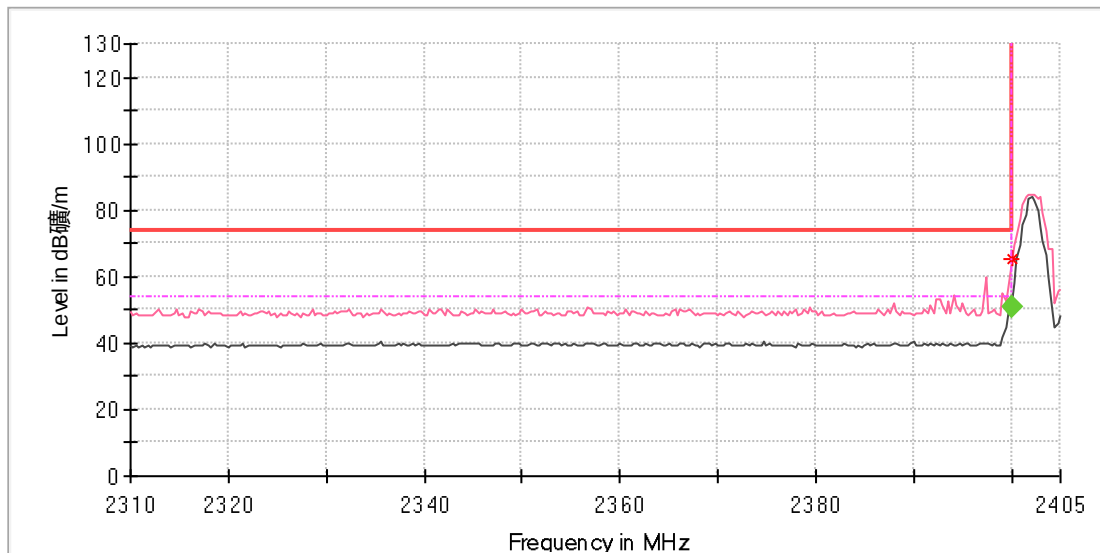
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2399.705882	69.76	---	74.00	4.24	150.0	H	73.0	8.5
2400.000000	---	49.41	54.00	4.59	150.0	H	316.0	8.5

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 KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz L CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

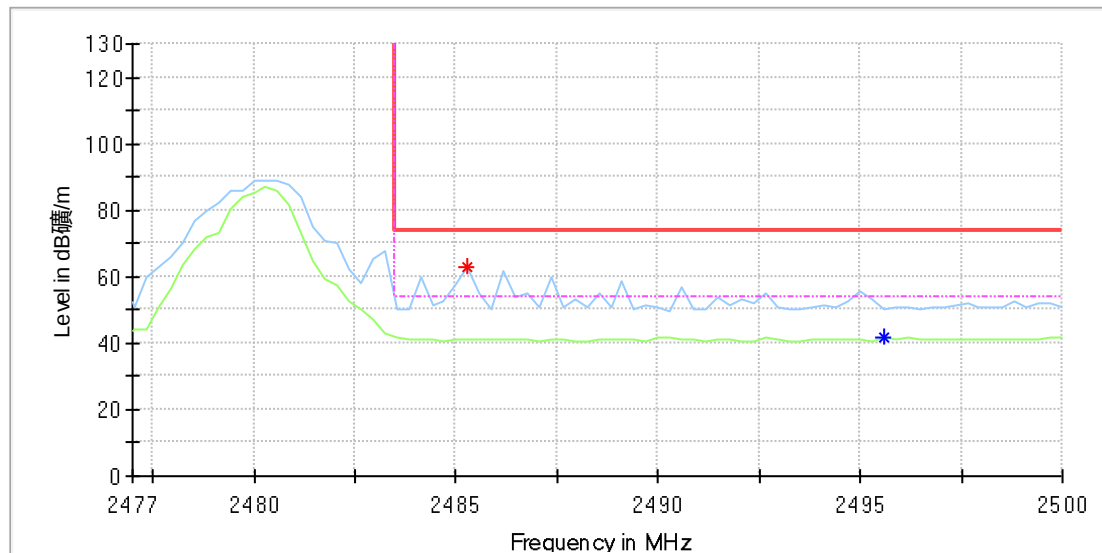
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2400.000000	65.45	---	74.00	8.55	150.0	V	81.0	8.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2400.000000	50.63	54.00	3.37	145.0	V	76.0	8.5

EUT Information

EUT Name: wegear KM3 Wireless Keyboard
Model: KM3-K
Test Mode: 2.4GHz H CH
Order No/Sample No: 168510807/A003866656-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

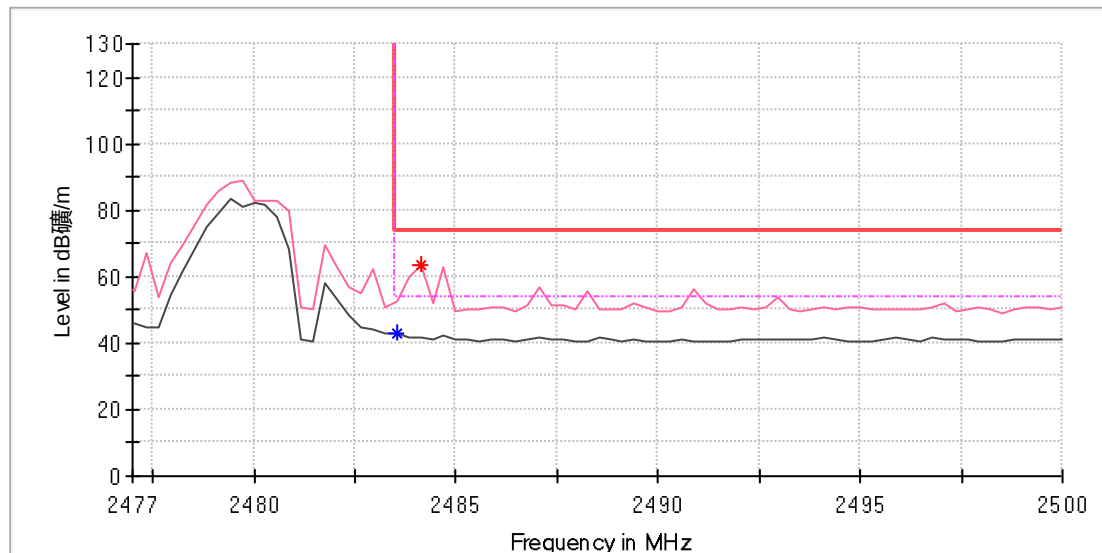
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	62.58	---	74.00	11.42	150.0	H	29.0	9.0
2495.588235	---	41.85	54.00	12.15	150.0	H	151.0	9.0

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)
2483.529412	---	43.09	54.00	10.91	150.0	V	99.0	9.0
2484.117647	63.25	---	74.00	10.75	150.0	V	99.0	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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