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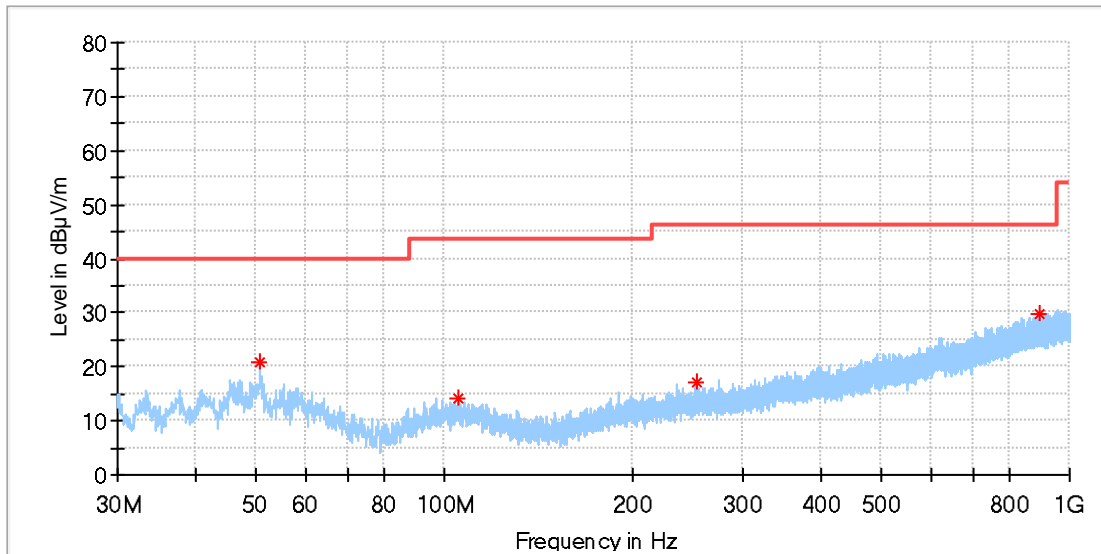
Appendix B.1: Test Results of Field strength of fundamental & harmonics

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:	Lenovo 100 Wireless Keyboard
Model:	KN100-K
Test Mode:	2.4GHz M CH
Order No/Sample No:	168390083/A003339290-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

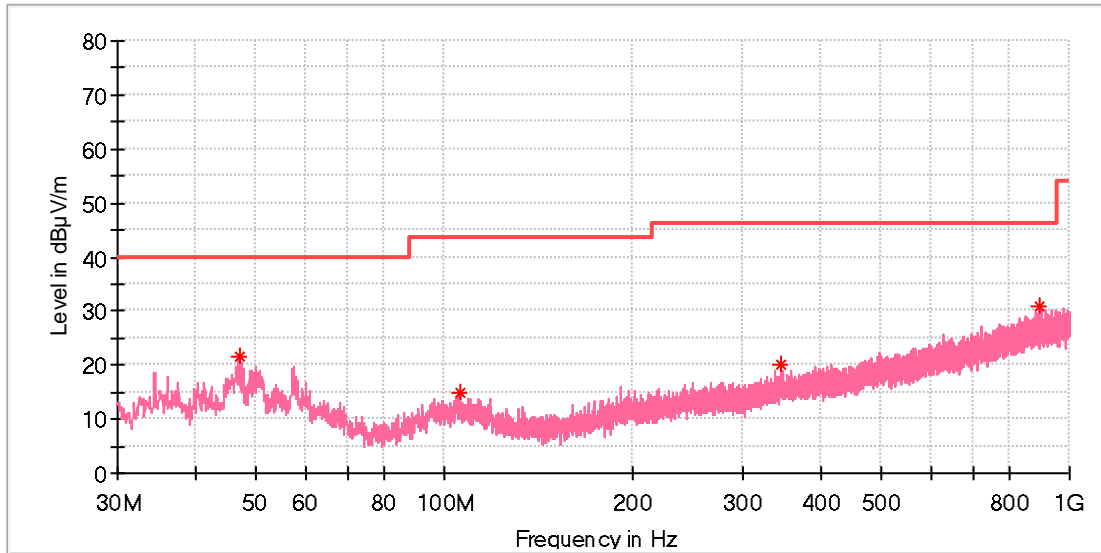


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.661000	20.87	40.00	19.13	100.0	H	351.0	-18.3
105.223500	14.12	43.50	29.38	100.0	H	112.0	-18.8
252.421000	17.15	46.00	28.85	100.0	H	91.0	-17.3
898.392500	29.87	46.00	16.13	100.0	H	209.0	-5.0

EUT Information

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 Test Mode: 2.4GHz M CH
 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

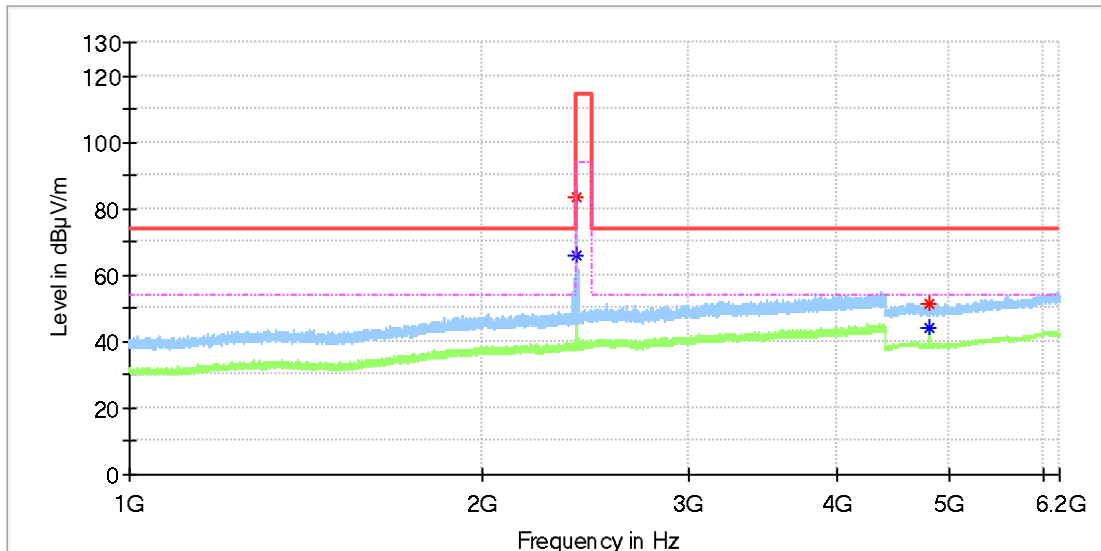
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.975000	21.43	40.00	18.57	100.0	V	339.0	-18.5
106.242000	14.80	43.50	28.70	100.0	V	172.0	-18.8
344.716500	19.93	46.00	26.07	100.0	V	0.0	-14.8
898.101500	30.76	46.00	15.24	100.0	V	48.0	-5.0

1GHz - 18GHz

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

EUT Information

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Order No/Sample No:	168390083/A003339290-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

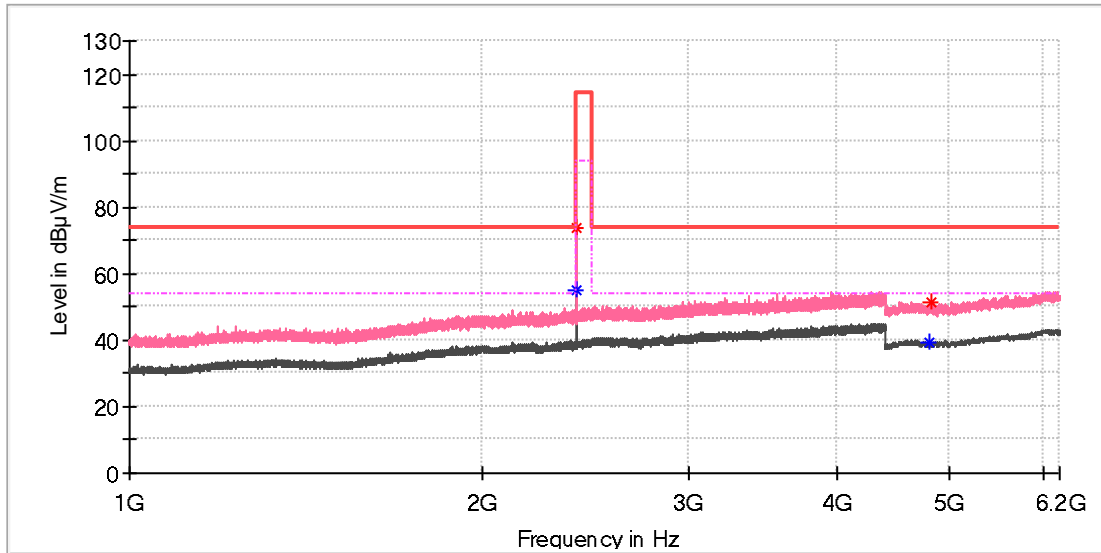


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.990000	---	66.16	94.00	27.84	100.0	H	183.0	7.0
2403.520000	83.47	---	114.00	30.53	100.0	H	183.0	7.0
4806.000000	51.63	---	74.00	22.37	100.0	H	62.0	11.8
4806.000000	---	44.10	54.00	9.90	100.0	H	62.0	11.8

EUT Information

EUT Name: Lenovo 100 Wireless Keyboard
 Model: KN100-K
 Test Mode: 2.4GHz L CH
 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

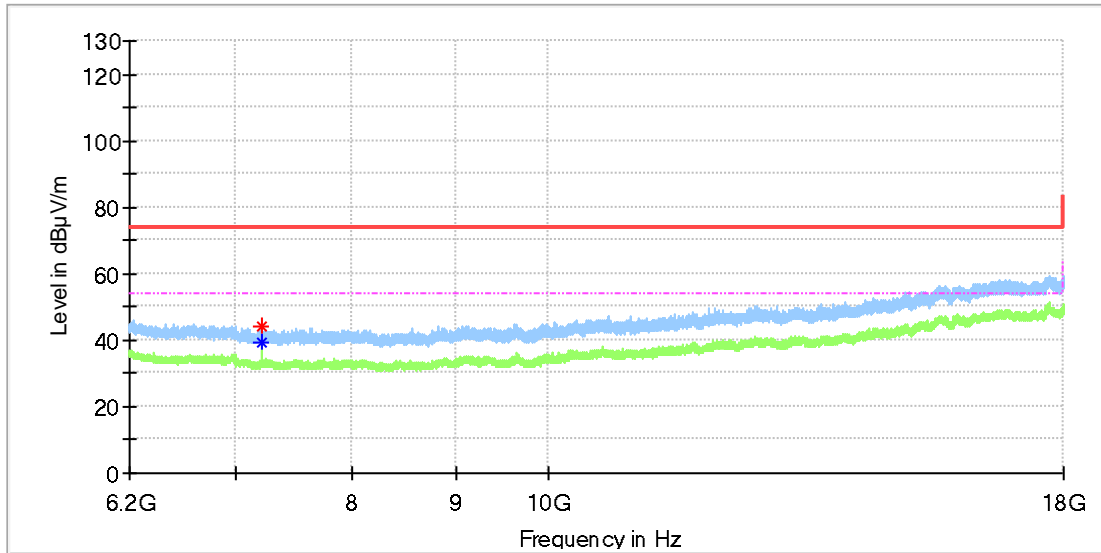


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2403.010000	73.95	---	114.00	40.05	100.0	V	128.0	7.0
2403.690000	---	54.74	94.00	39.26	100.0	V	128.0	7.0
4802.500000	---	39.26	54.00	14.74	100.0	V	220.0	11.8
4818.500000	51.13	---	74.00	22.87	100.0	V	160.0	11.8

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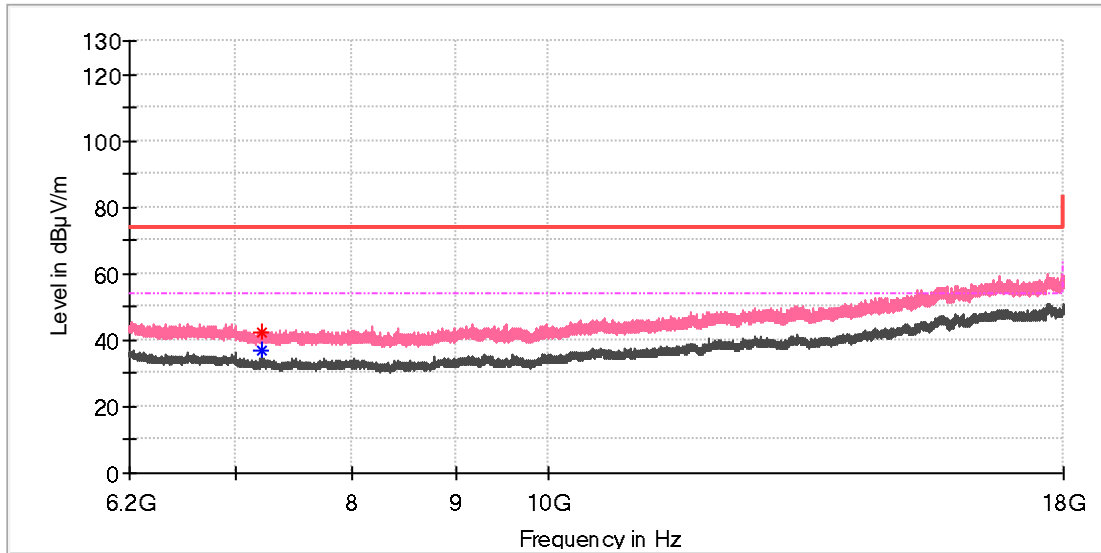


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7208.900000	---	39.00	54.00	15.00	100.0	H	285.0	8.8
7210.866667	44.16	---	74.00	29.84	100.0	H	285.0	8.7

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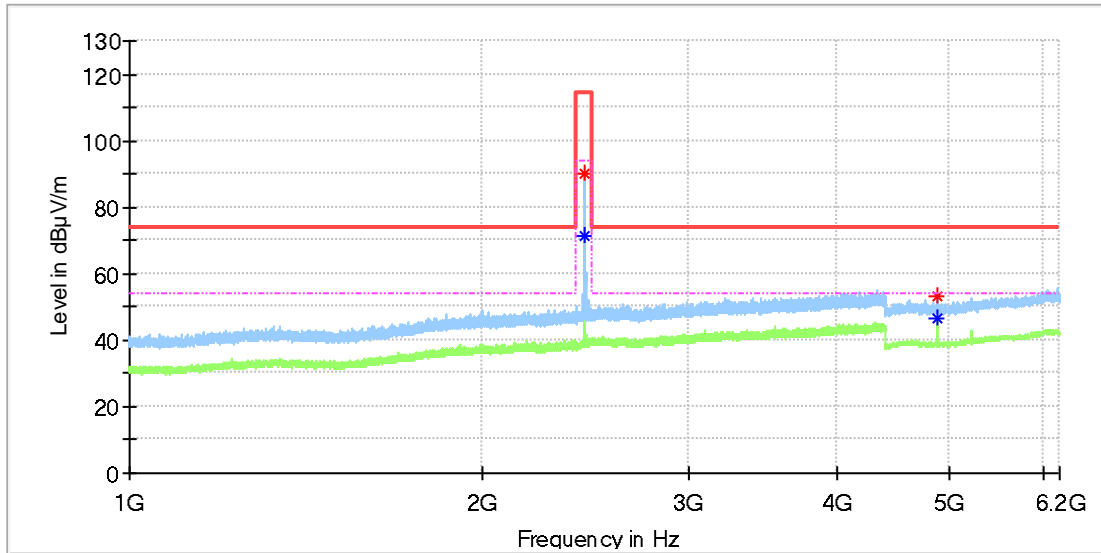


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7206.933333	---	36.86	54.00	17.14	100.0	V	87.0	8.8
7207.425000	42.11	---	74.00	31.89	100.0	V	87.0	8.8

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Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

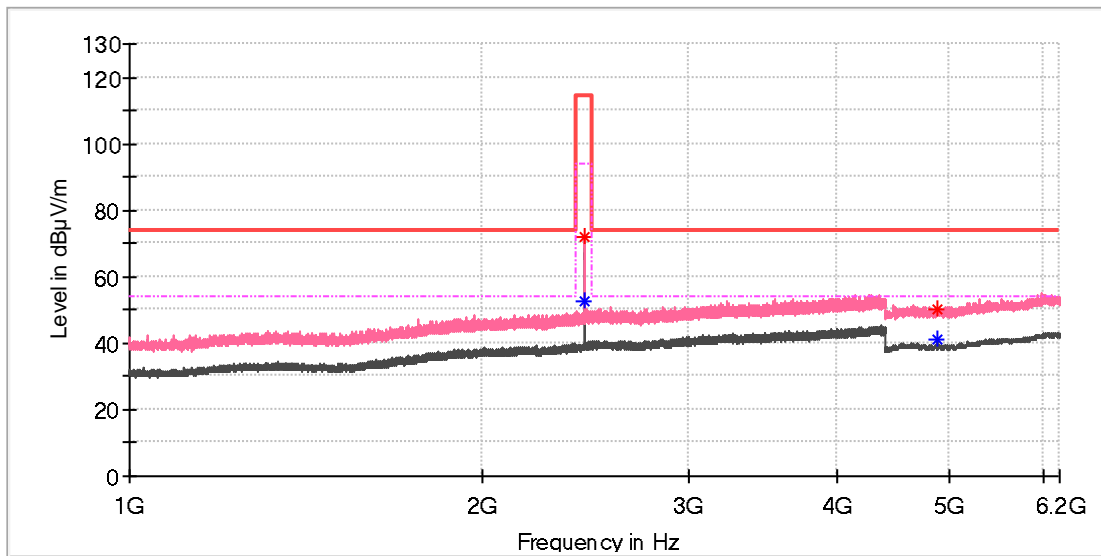


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2437.690000	---	71.45	94.00	22.55	100.0	H	125.0	7.4
2439.050000	90.38	---	114.00	23.62	100.0	H	295.0	7.4
4877.500000	52.98	---	74.00	21.02	100.0	H	45.0	11.8
4877.500000	---	46.52	54.00	7.48	100.0	H	45.0	11.8

EUT Information

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Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
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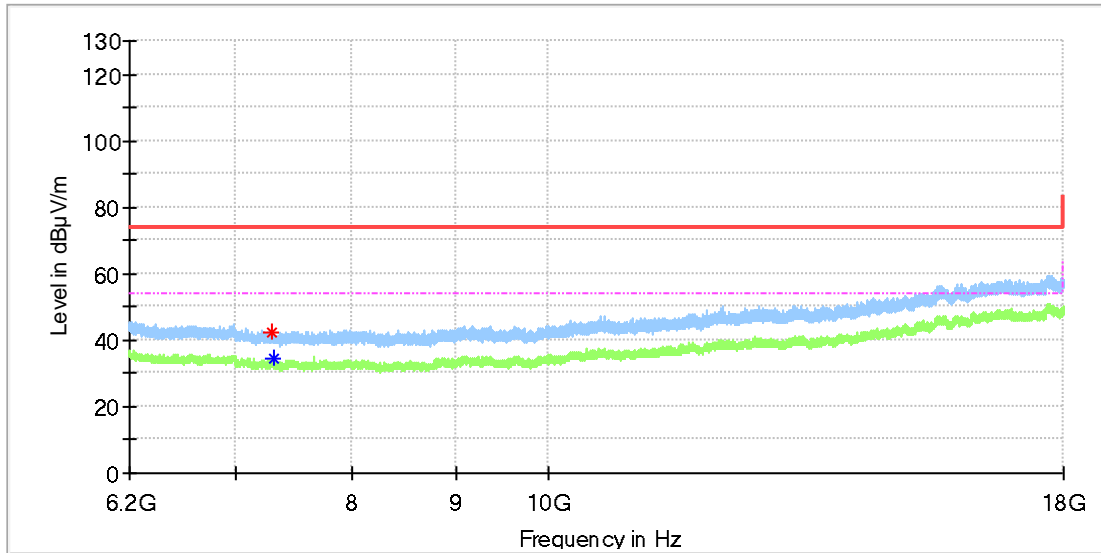


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2437.690000	---	52.81	94.00	41.19	100.0	V	287.0	7.4
2438.540000	71.98	---	114.00	42.02	100.0	V	287.0	7.4
4876.500000	---	41.41	54.00	12.59	100.0	V	30.0	11.8
4877.000000	50.27	---	74.00	23.73	100.0	V	221.0	11.8

EUT Information

EUT Name:	Lenovo 100 Wireless Keyboard
Model:	KN100-K
Test Mode:	2.4GHz M CH
Order No/Sample No:	168390083/A003339290-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

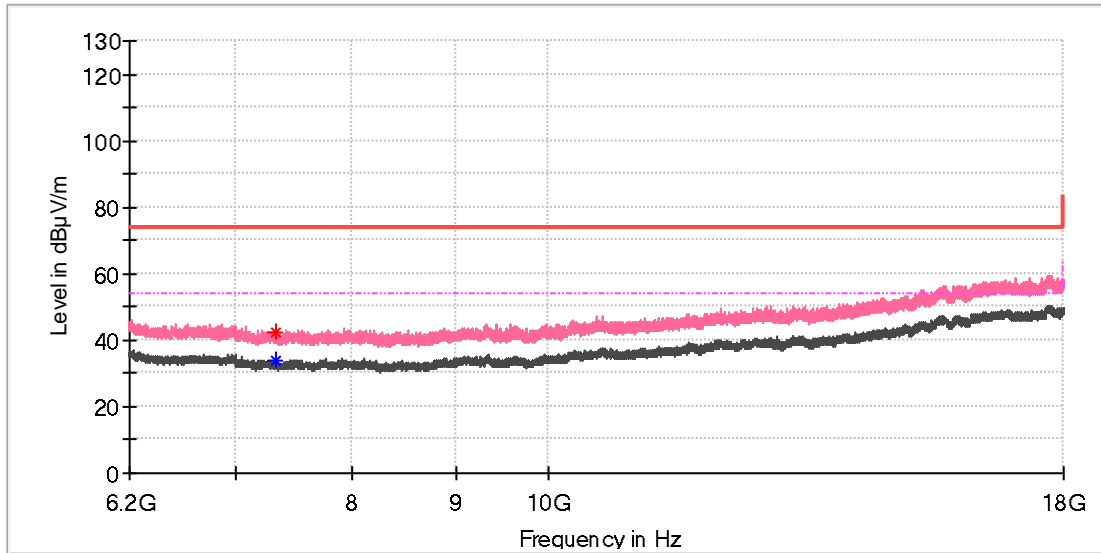


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7300.841667	42.39	---	74.00	31.61	100.0	H	236.0	8.3
7302.316667	---	34.56	54.00	19.44	100.0	H	86.0	8.3

EUT Information

EUT Name: Lenovo 100 Wireless Keyboard
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 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

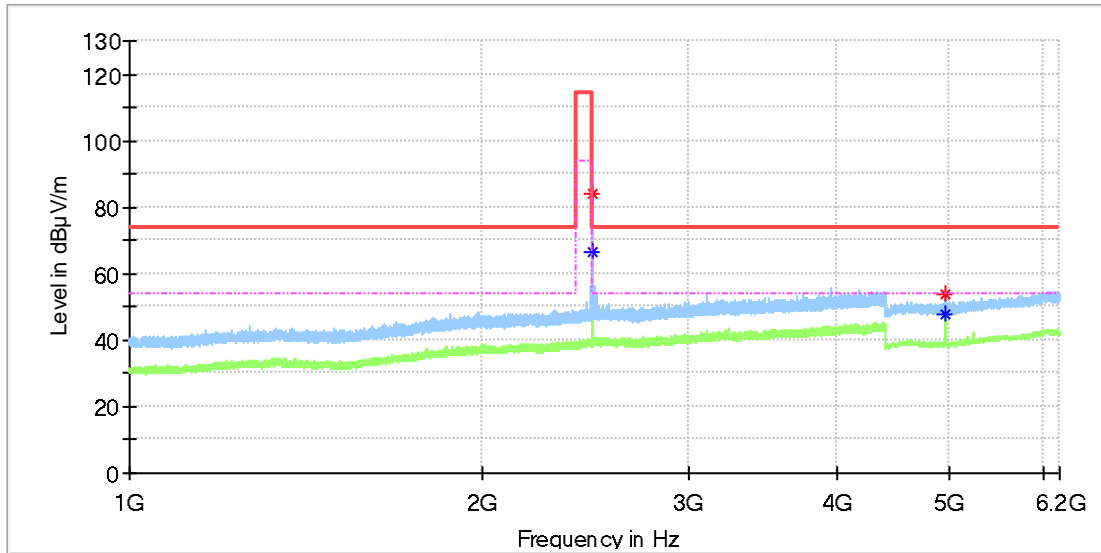


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7325.425000	---	33.58	54.00	20.42	100.0	V	87.0	8.2
7329.850000	42.46	---	74.00	31.54	100.0	V	211.0	8.1

EUT Information

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Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

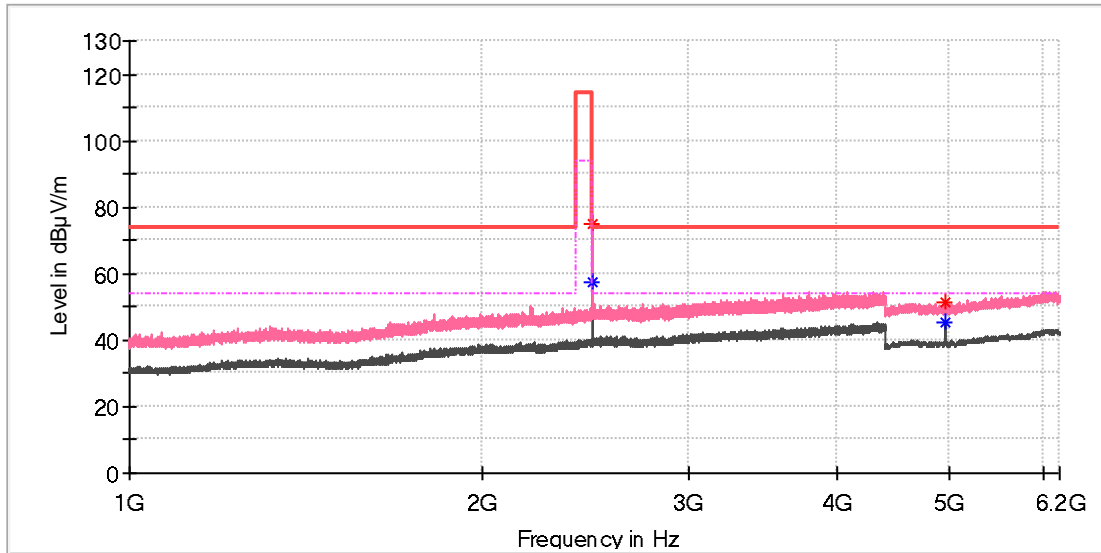


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.170000	---	66.23	94.00	27.77	100.0	H	140.0	7.4
2479.340000	84.24	---	114.00	29.76	100.0	H	140.0	7.4
4958.500000	53.88	---	74.00	20.12	100.0	H	289.0	11.8
4958.500000	---	48.07	54.00	5.93	100.0	H	289.0	11.8

EUT Information

EUT Name: Lenovo 100 Wireless Keyboard
 Model: KN100-K
 Test Mode: 2.4GHz H CH
 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
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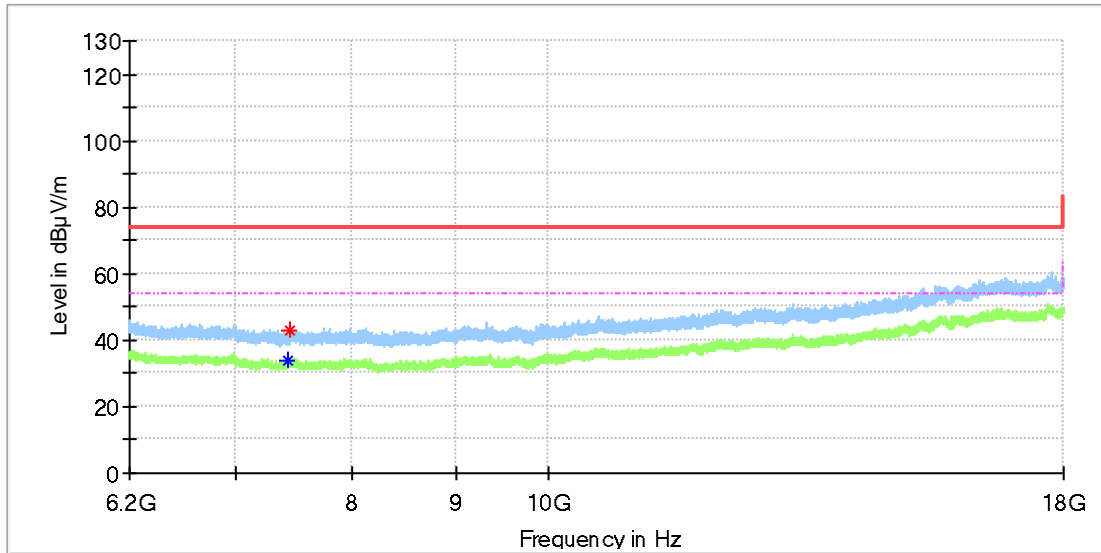


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2477.810000	---	57.63	94.00	36.37	100.0	V	174.0	7.4
2478.490000	75.20	---	114.00	38.80	100.0	V	174.0	7.4
4957.500000	51.33	---	74.00	22.67	100.0	V	200.0	11.8
4957.500000	---	45.49	54.00	8.51	100.0	V	200.0	11.8

EUT Information

EUT Name:	Lenovo 100 Wireless Keyboard
Model:	KN100-K
Test Mode:	2.4GHz H CH
Order No/Sample No:	168390083/A003339290-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

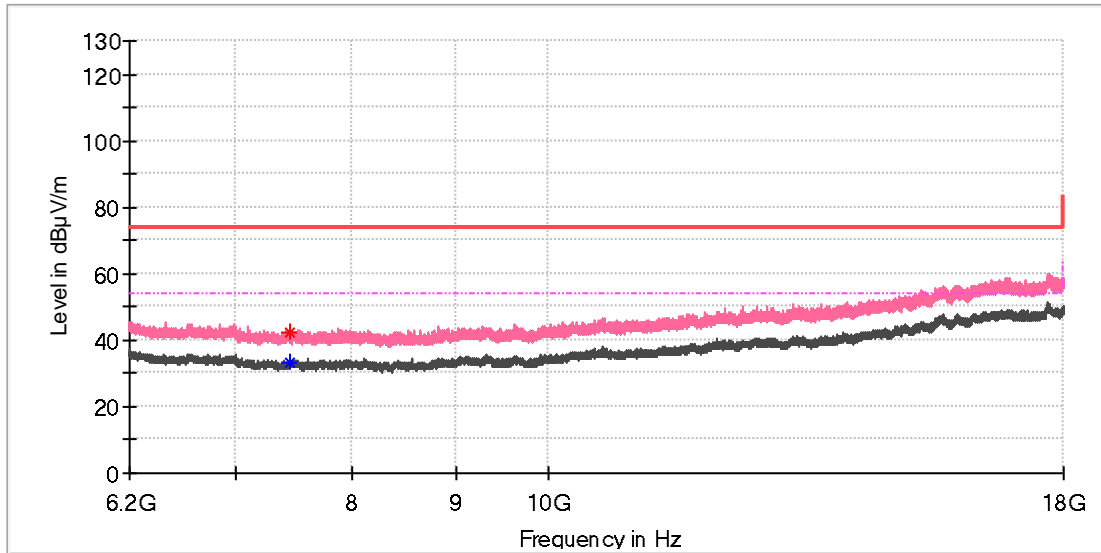


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7433.100000	---	33.68	54.00	20.32	100.0	H	0.0	8.4
7450.800000	42.63	---	74.00	31.37	100.0	H	141.0	8.5

EUT Information

EUT Name: Lenovo 100 Wireless Keyboard
 Model: KN100-K
 Test Mode: 2.4GHz H CH
 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

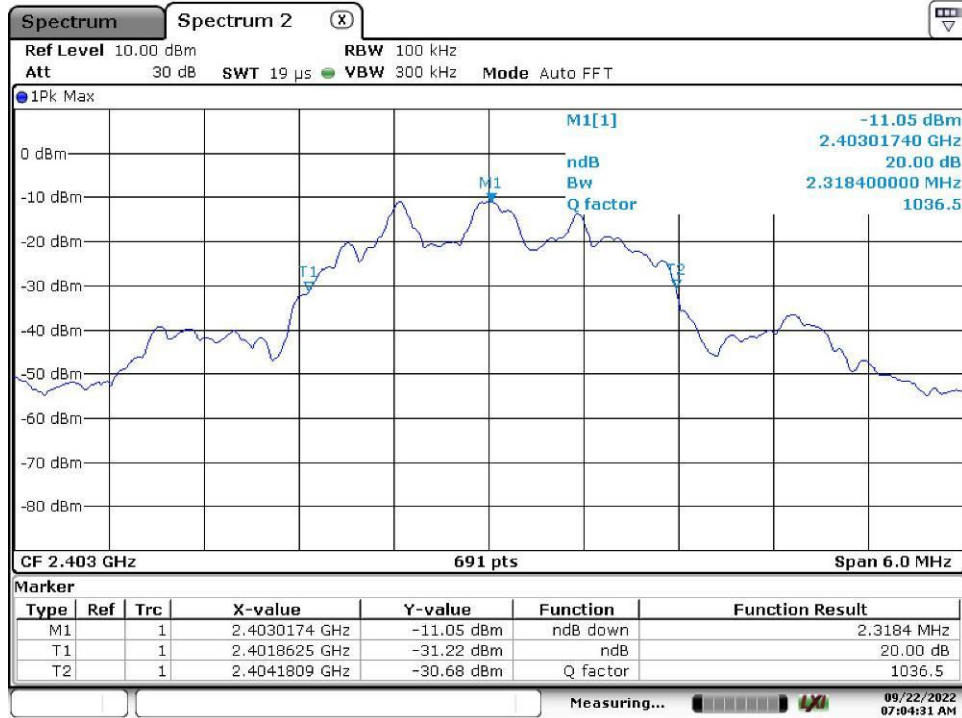


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	---	33.37	54.00	20.63	100.0	V	341.0	8.4
7442.441667	42.59	---	74.00	31.41	100.0	V	306.0	8.4

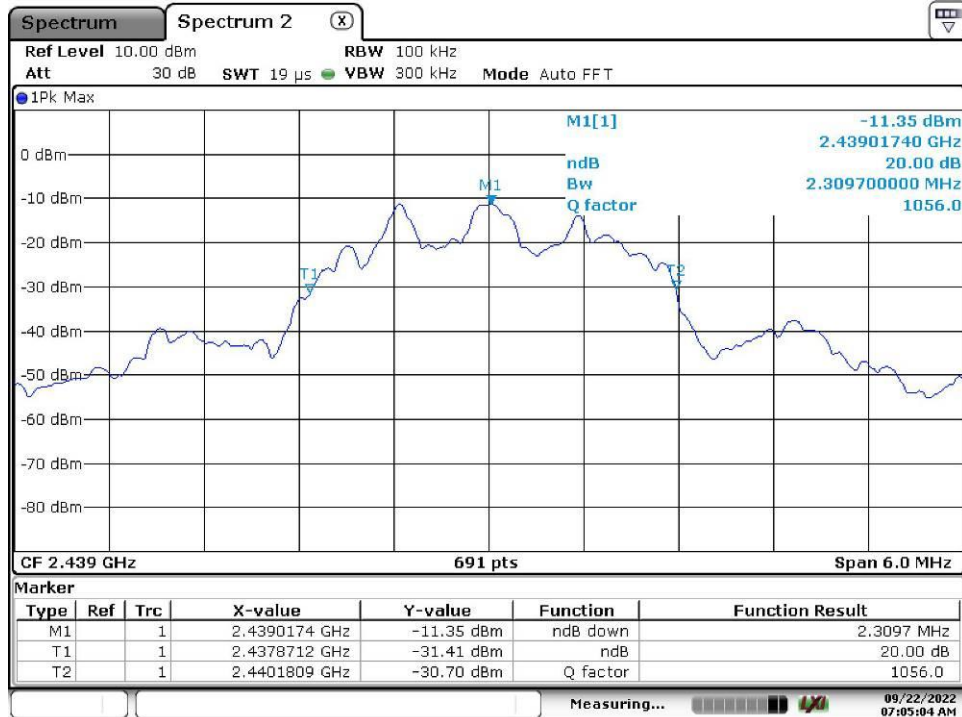
Appendix B.2: Test Results of 20dB Bandwidth

2403MHz



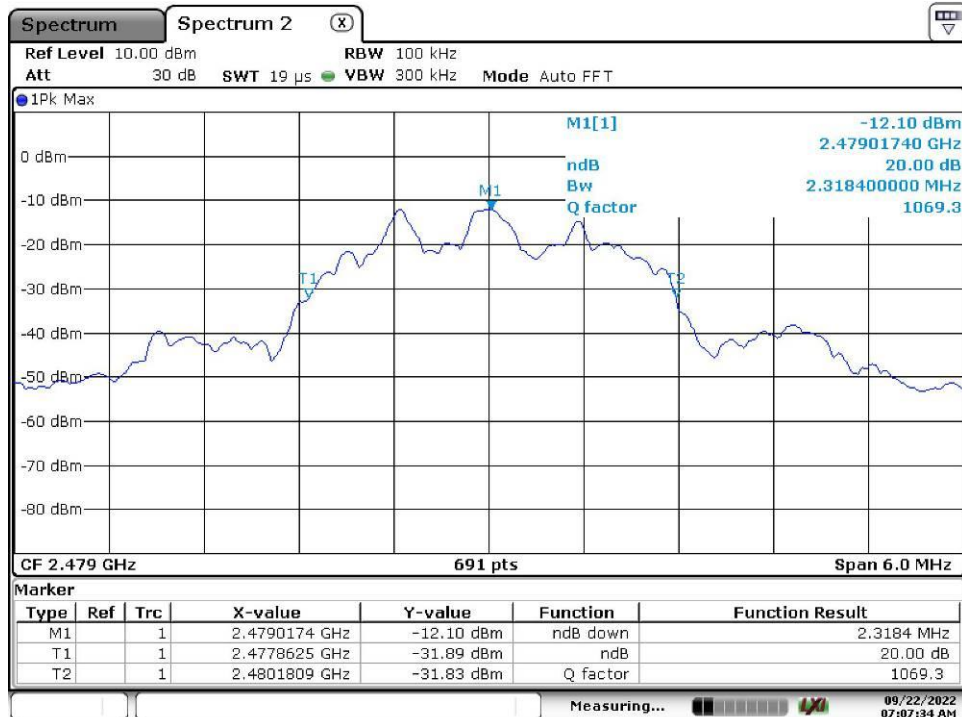
Date: 22.SEP.2022 07:04:31

2439MHz



Date: 22.SEP.2022 07:05:04

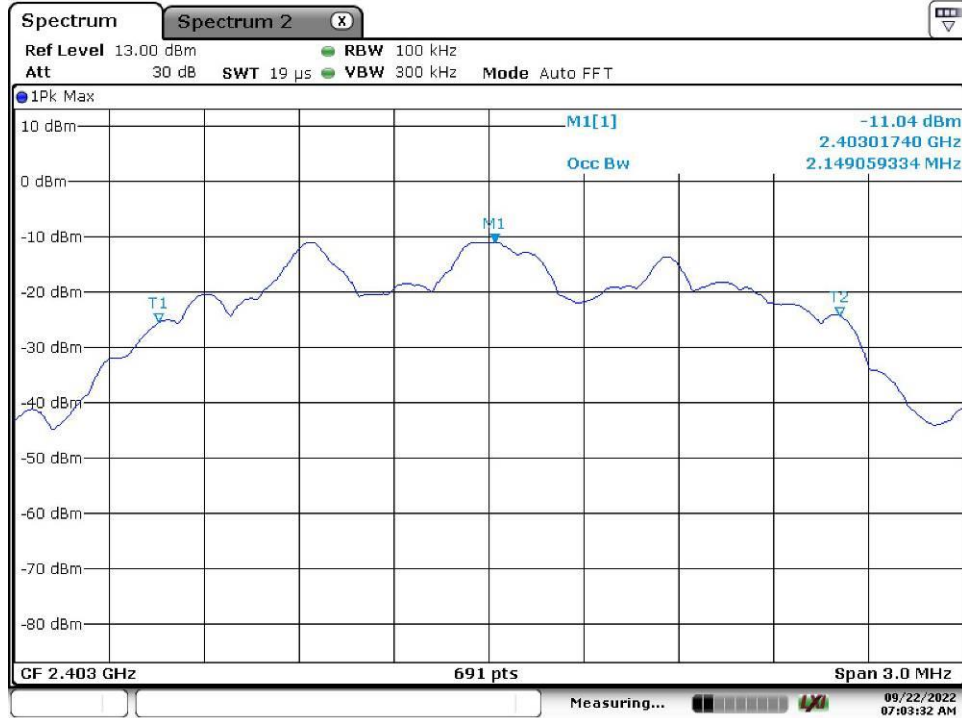
2479MHz



Date: 22.SEP.2022 07:07:34

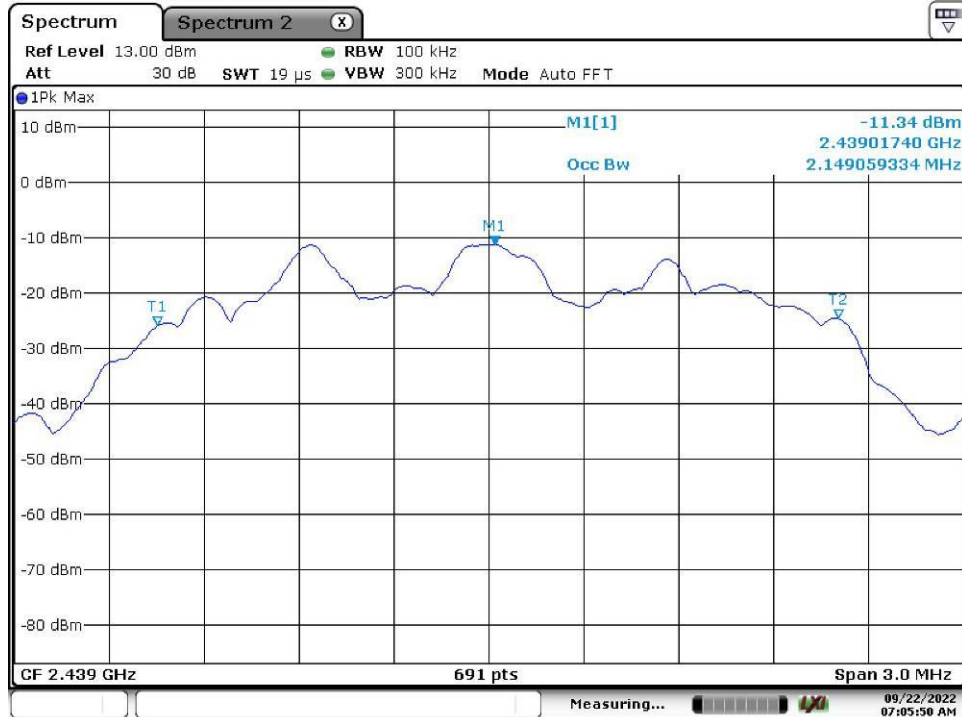
Appendix B.3: Test Results of 99% Bandwidth

2403MHz



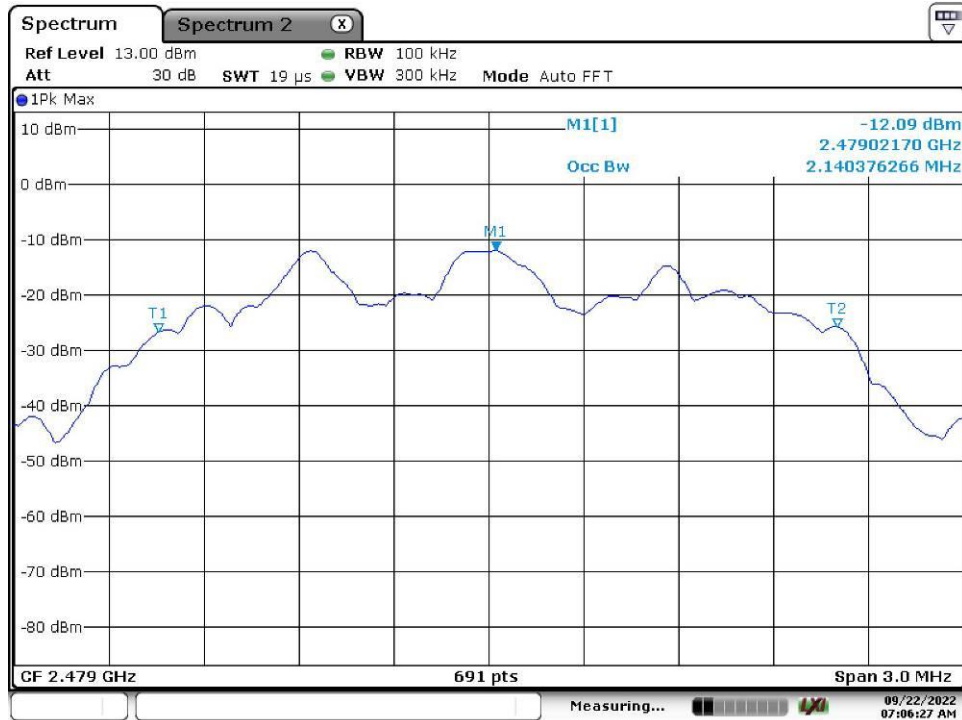
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2439MHz



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2479MHz

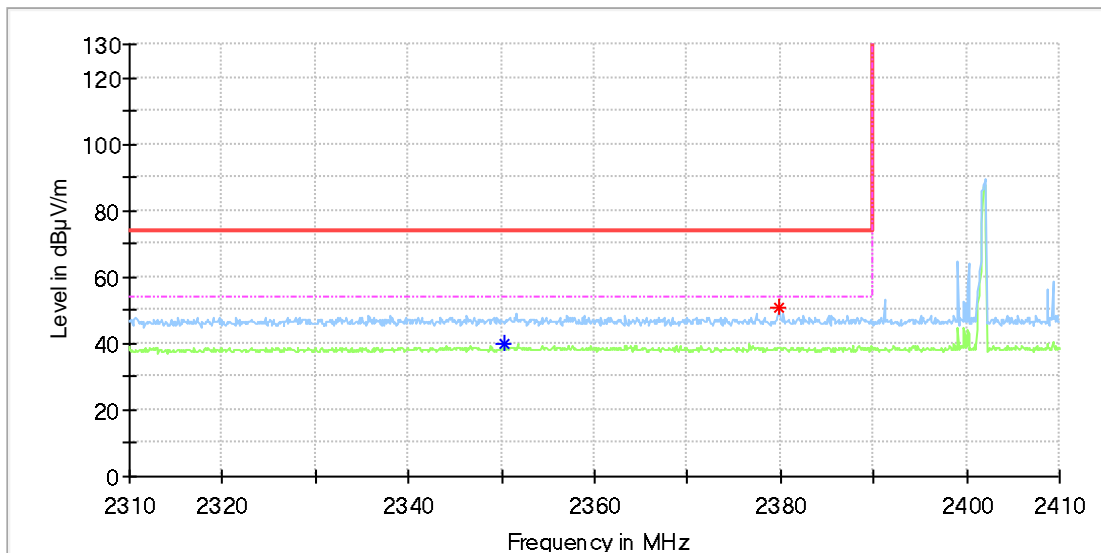


Date: 22.SEP.2022 07:06:28

Appendix B.4: Test Results of Band Edge

EUT Information

EUT Name:	Lenovo 100 Wireless Keyboard
Model:	KN100-K
Test Mode:	2.4GHz L CH
Order No/Sample No:	168390083/A003339290-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

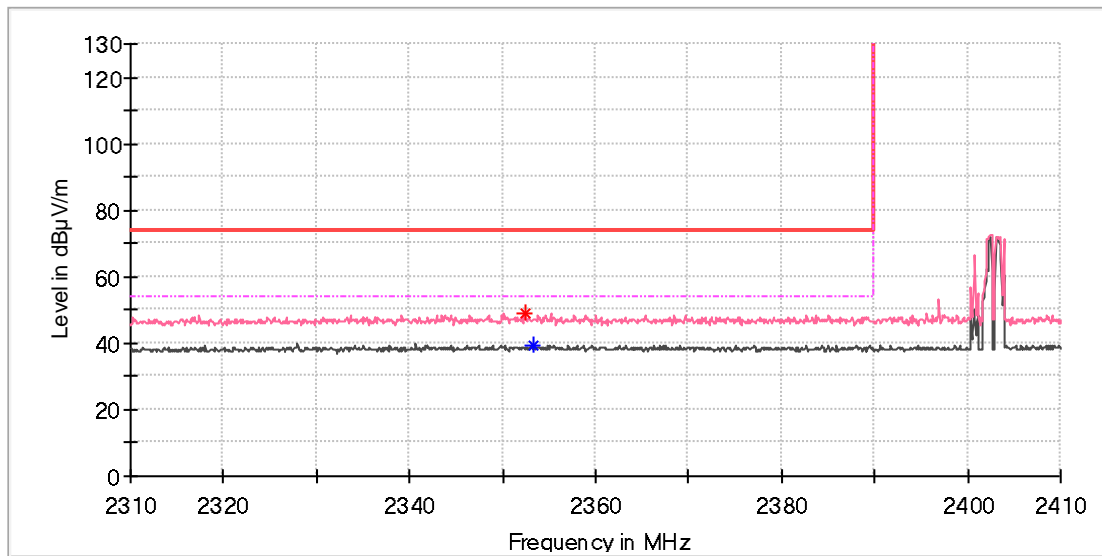


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.400000	---	39.67	54.00	14.33	100.0	H	229.0	6.9
2379.900000	50.84	---	74.00	23.16	100.0	H	93.0	7.0

EUT Information

EUT Name: Lenovo 100 Wireless Keyboard
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 Test Mode: 2.4GHz L CH
 Order No/Sample No: 168390083/A003339290-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

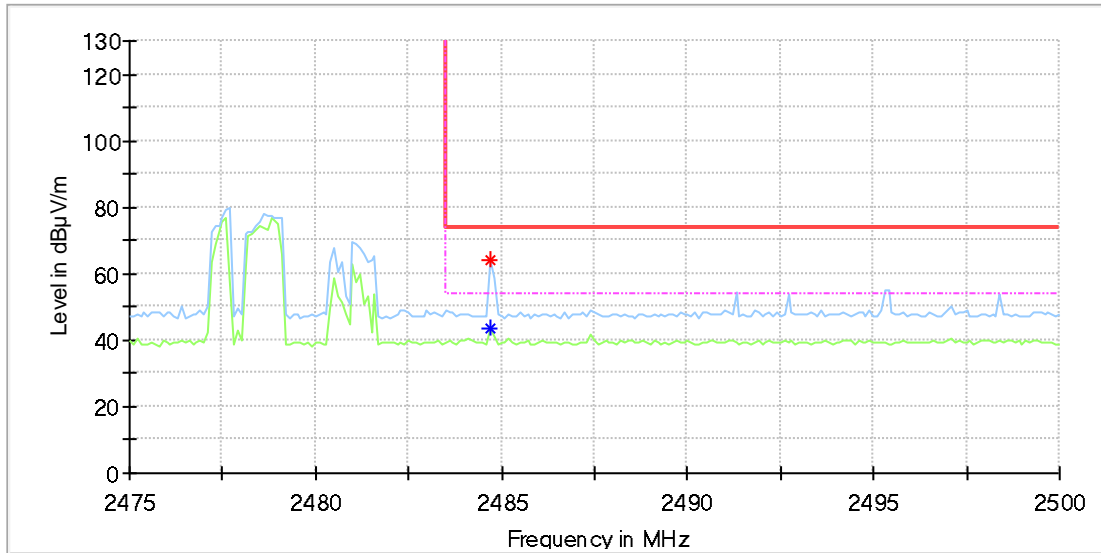


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2352.400000	49.16	---	74.00	24.84	100.0	V	312.0	6.9
2353.400000	---	39.59	54.00	14.41	100.0	V	312.0	6.9

EUT Information

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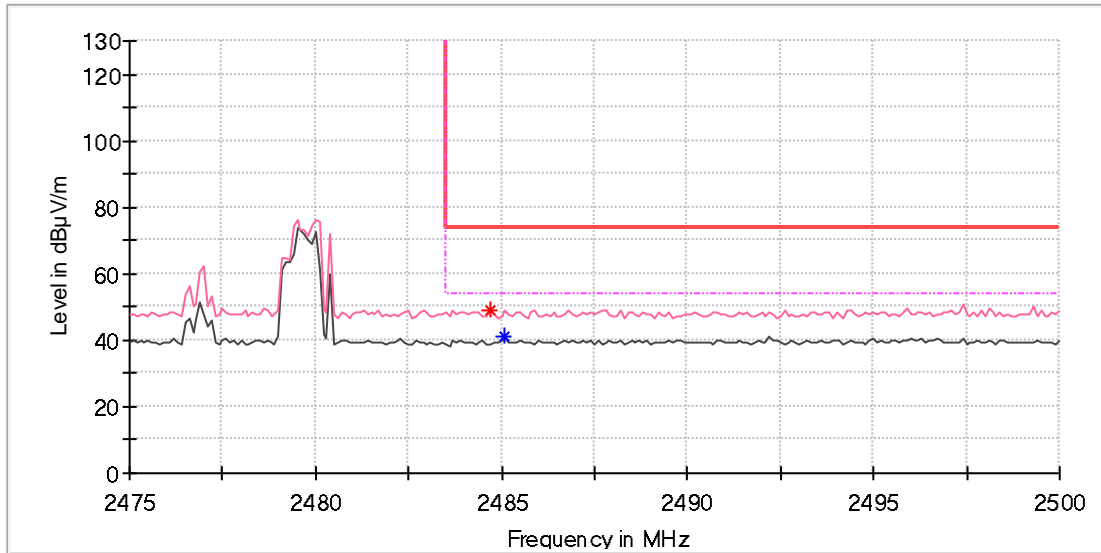


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.700000	---	43.26	54.00	10.74	100.0	H	221.0	7.4
2484.700000	64.35	---	74.00	9.65	100.0	H	221.0	7.4

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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)
2484.700000	49.16	---	74.00	24.84	100.0	V	119.0	7.4
2485.100000	---	41.09	54.00	12.91	100.0	V	178.0	7.4