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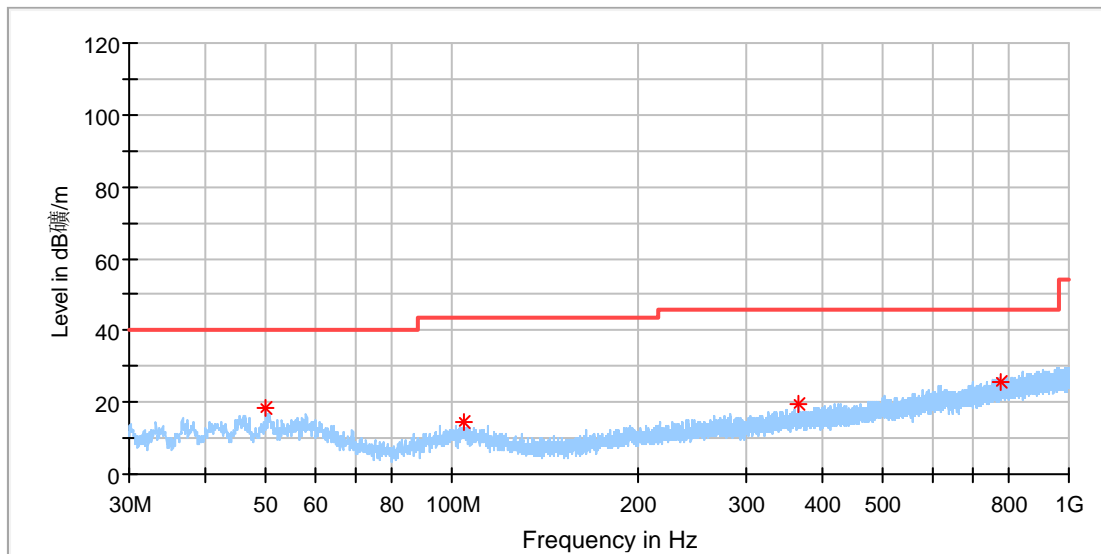
Note: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

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

30MHz - 1GHz, PCB1

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz Low channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

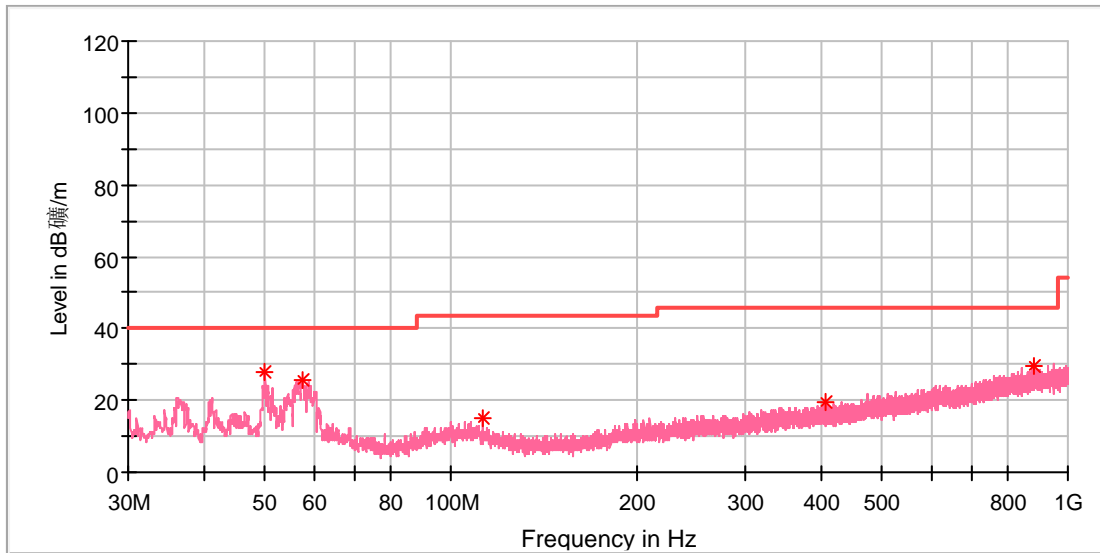


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	18.16	40.00	21.84	100.0	H	157.0	-18.3
104.302000	14.51	43.50	28.99	100.0	H	276.0	-18.8
365.717000	19.44	46.00	26.56	100.0	H	0.0	-14.5
777.288000	25.41	46.00	20.59	100.0	H	234.0	-6.7

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

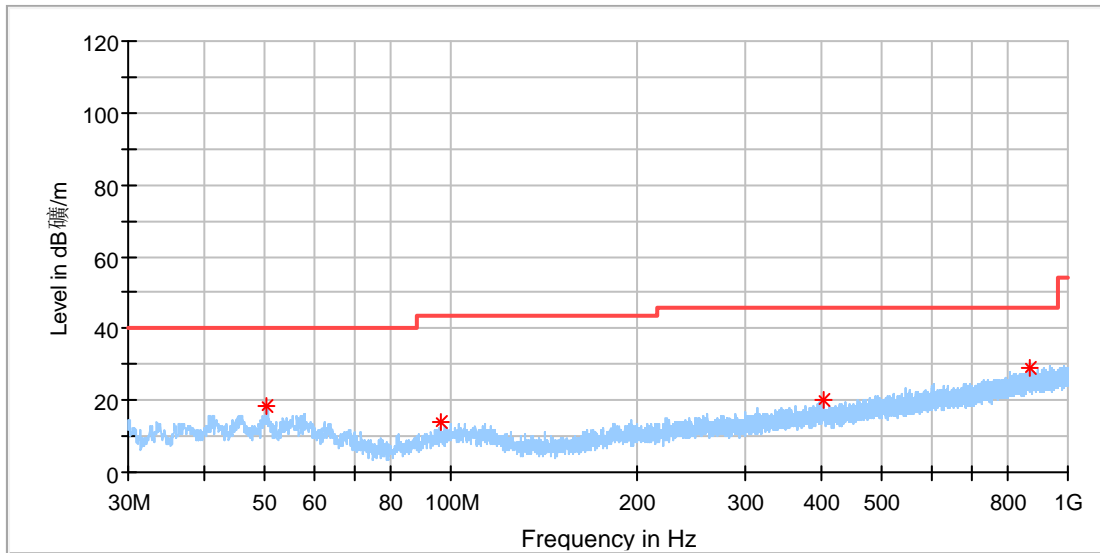


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	27.95	40.00	12.05	100.0	V	259.0	-18.3
57.402500	25.94	40.00	14.06	100.0	V	68.0	-18.7
112.498500	14.92	43.50	28.58	100.0	V	155.0	-19.4
404.226000	19.78	46.00	26.22	100.0	V	259.0	-13.6
879.332000	29.59	46.00	16.41	100.0	V	0.0	-5.1

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

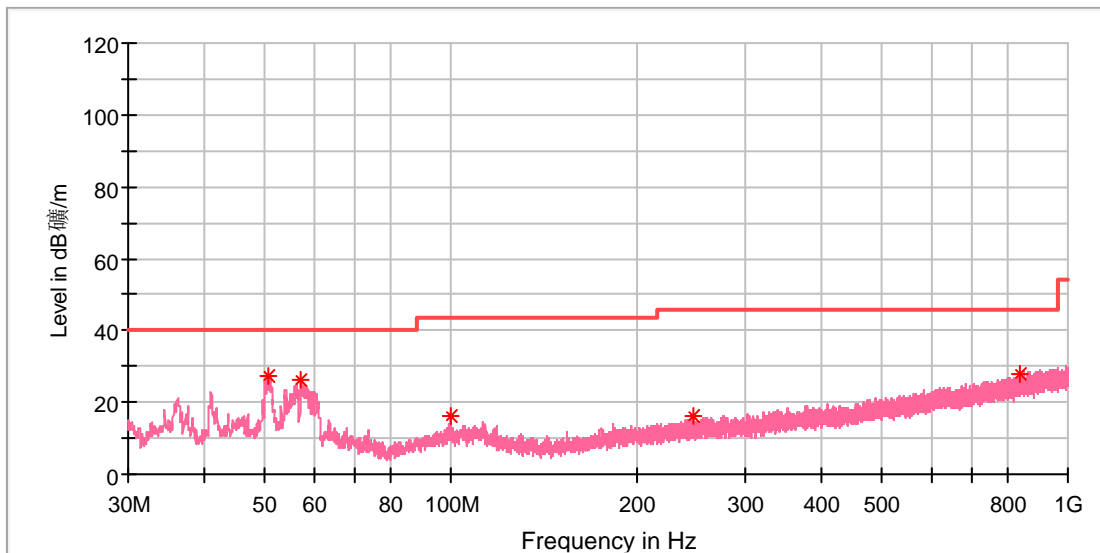


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.418500	18.45	40.00	21.55	100.0	H	214.0	-18.3
96.493500	14.07	43.50	29.43	100.0	H	235.0	-19.5
400.831000	20.30	46.00	25.70	100.0	H	312.0	-13.6
865.170000	29.02	46.00	16.98	100.0	H	155.0	-5.3

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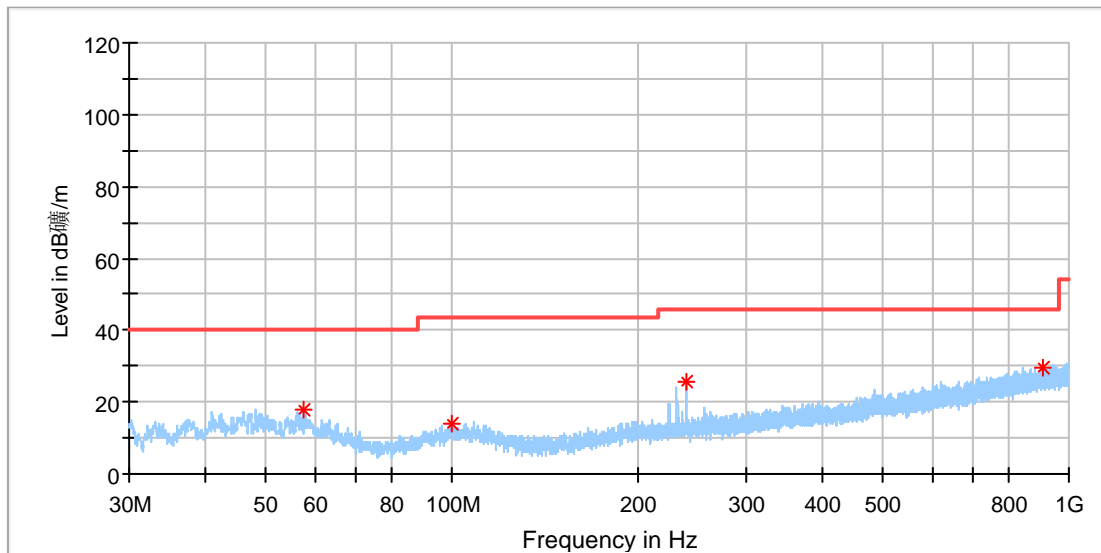
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.515500	27.58	40.00	12.42	100.0	V	119.0	-18.3
57.257000	26.08	40.00	13.92	100.0	V	181.0	-18.7
99.985500	16.01	43.50	27.49	100.0	V	21.0	-19.0
246.843500	16.43	46.00	29.57	100.0	V	49.0	-17.5
836.506500	28.15	46.00	17.85	100.0	V	14.0	-5.7

30MHz - 1GHz, PCB2

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz Low channel
Test Voltage:	Battery
Remark:	Temp 23 Humi:51%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

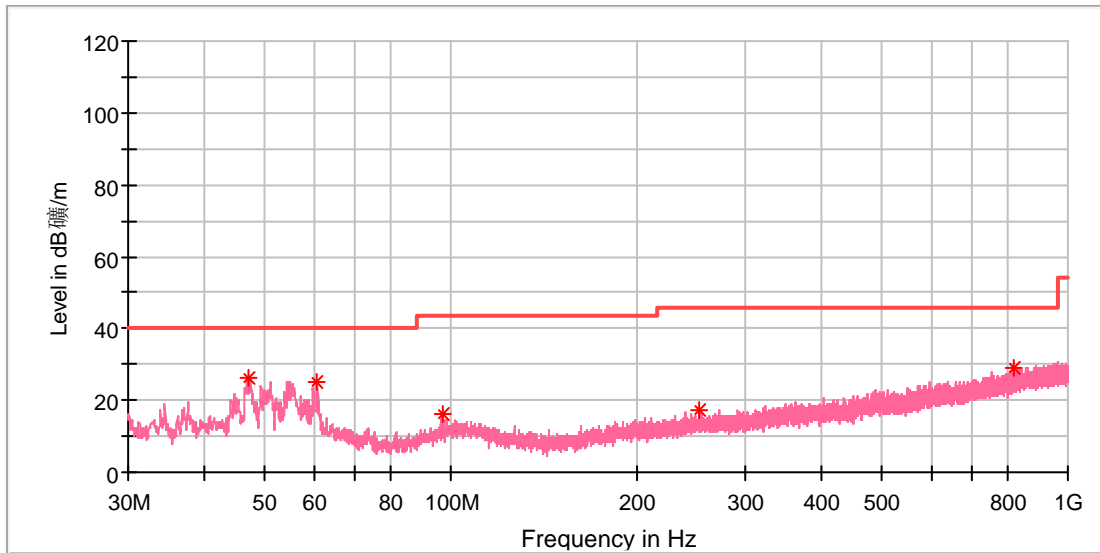


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.645000	17.81	40.00	22.19	100.0	H	159.0	-18.7
99.985500	14.09	43.50	29.41	100.0	H	0.0	-19.0
239.762500	25.50	46.00	20.50	100.0	H	212.0	-17.7
908.868500	29.60	46.00	16.40	100.0	H	149.0	-4.9

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

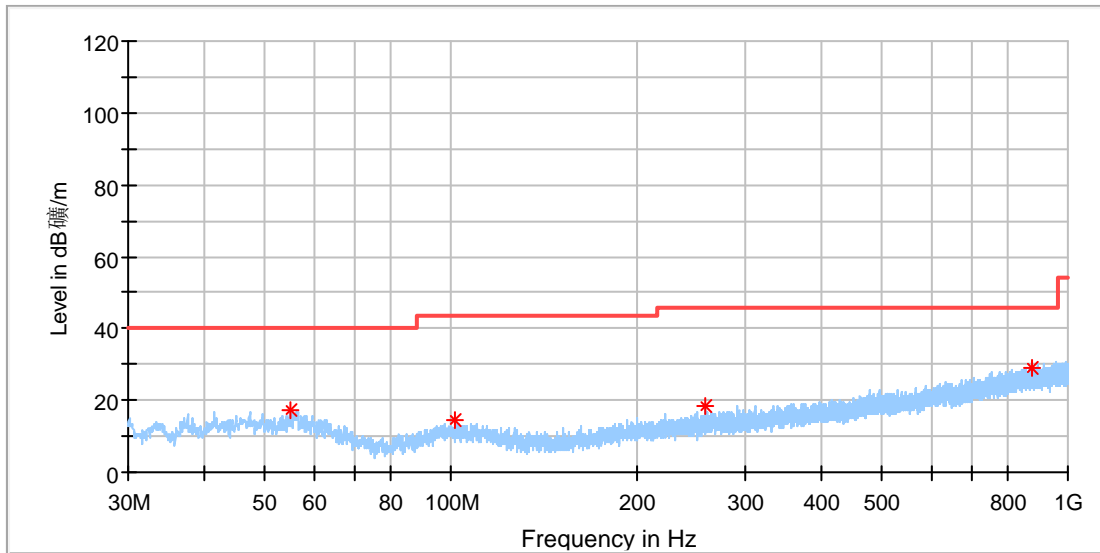


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.829500	26.07	40.00	13.93	100.0	V	325.0	-18.5
60.749000	25.26	40.00	14.74	100.0	V	227.0	-19.1
96.687500	16.02	43.50	27.48	100.0	V	287.0	-19.5
253.536500	17.35	46.00	28.65	100.0	V	188.0	-17.2
815.554500	28.91	46.00	17.09	100.0	V	188.0	-6.1

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
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 Test Voltage: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
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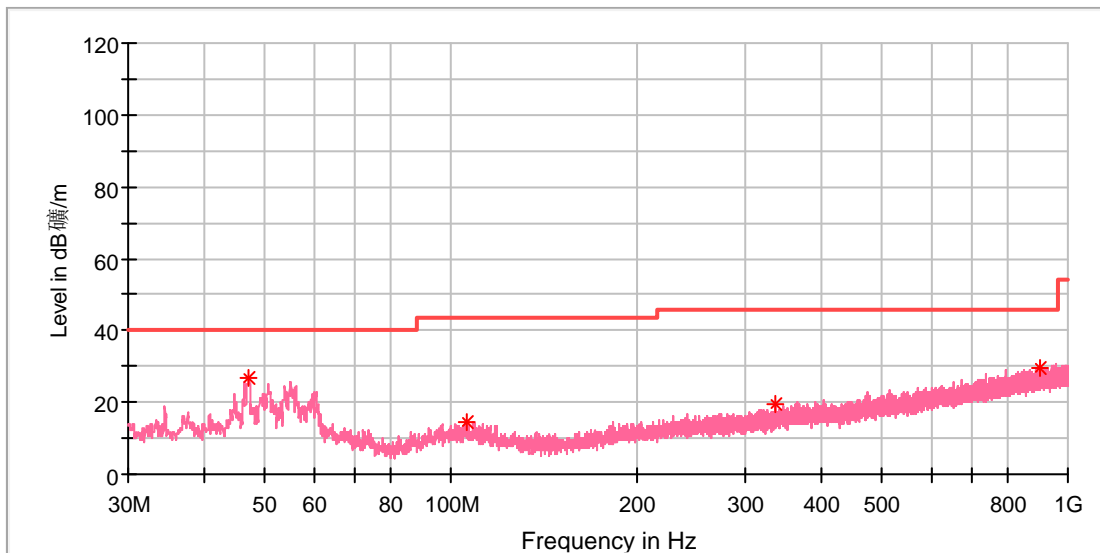


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.171500	17.42	40.00	22.58	100.0	H	67.0	-18.5
101.828500	14.50	43.50	29.00	100.0	H	47.0	-18.9
258.144000	18.52	46.00	27.48	100.0	H	15.0	-17.1
875.646000	29.20	46.00	16.80	100.0	H	67.0	-5.2

EUT Information

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 Test Mode: 2.4GHz High channel
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 Remark: Temp 23 Humi:51%
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Critical_Freqs

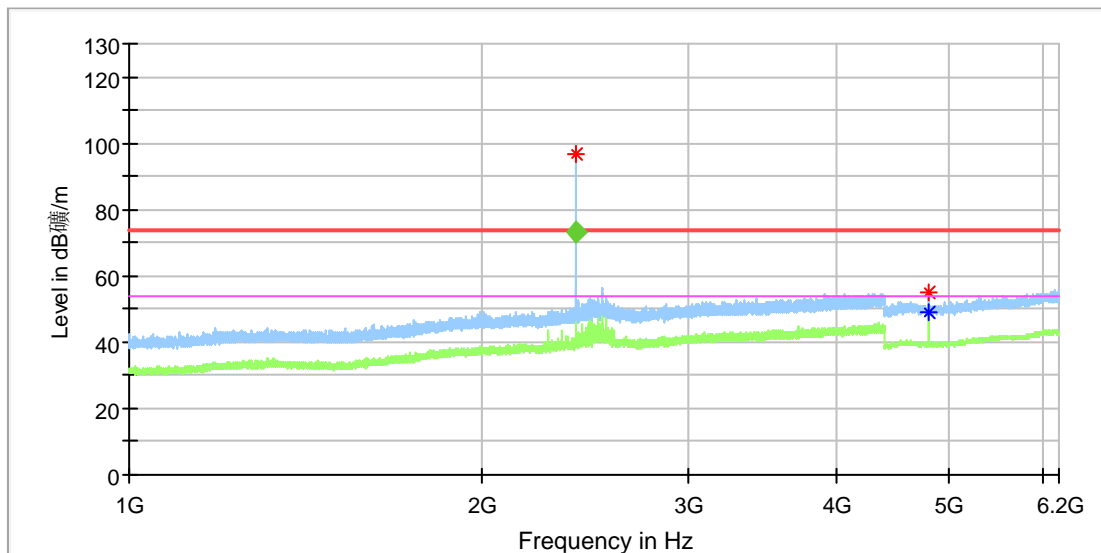
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.975000	26.63	40.00	13.37	100.0	V	46.0	-18.5
105.805500	14.37	43.50	29.13	100.0	V	314.0	-18.8
334.677000	19.52	46.00	26.48	100.0	V	3.0	-15.2
900.575000	29.59	46.00	16.41	100.0	V	84.0	-5.0

1GHz - 18GHz, PCB1

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

EUT Information

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 Test Mode: 2.4GHz Low channel
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 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
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Critical_Freqs

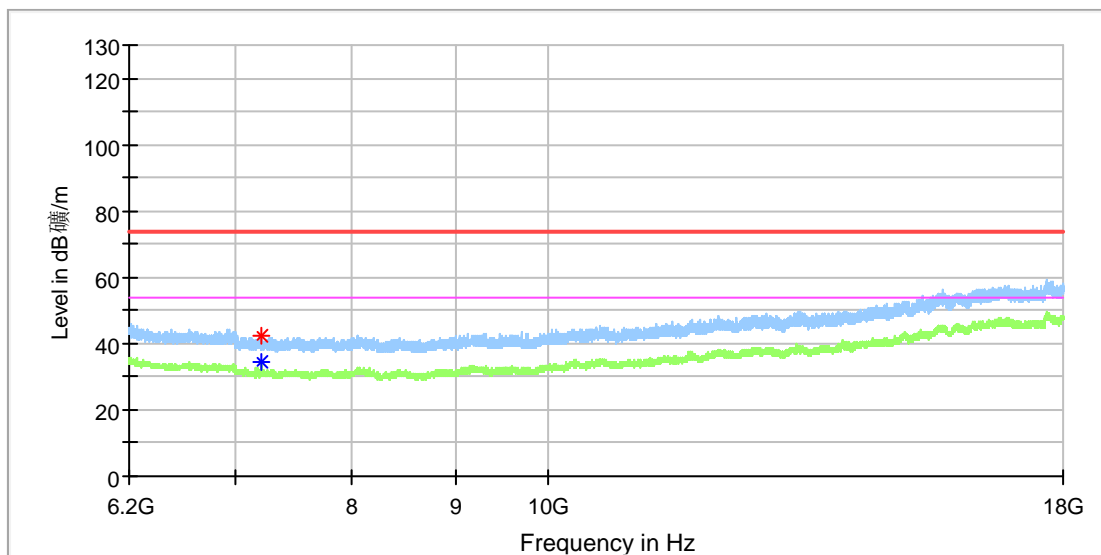
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.820000	97.04	---	114.00		100.0	H	0.0	7.0
4804.000000	55.28	---	74.00	18.72	100.0	H	22.0	11.8
4804.000000	---	49.26	54.00	4.74	100.0	H	22.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.130500	73.35	94.00		105.0	H	-1.0	7.0

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
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 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

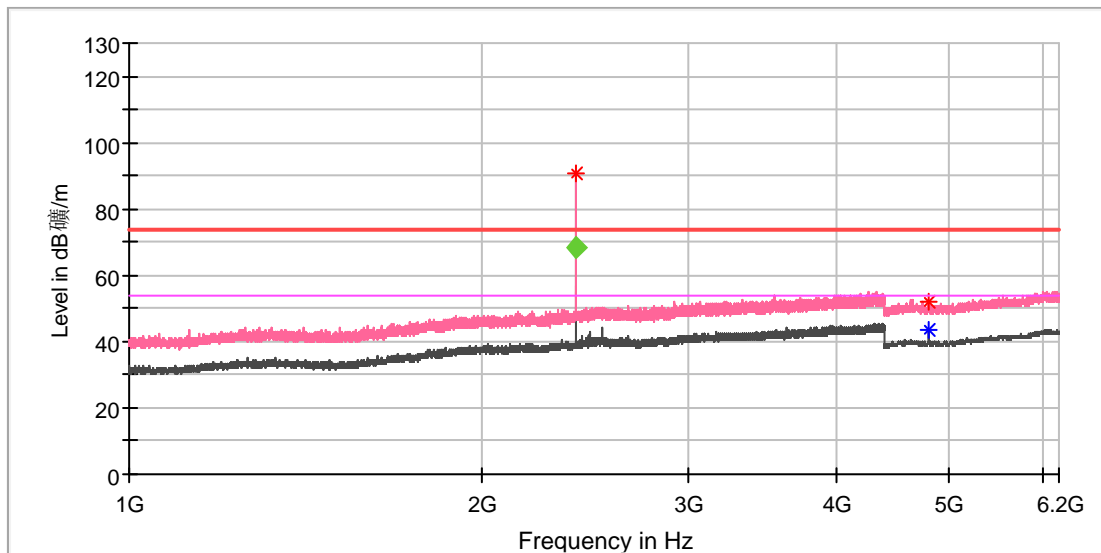


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7206.933333	---	34.41	54.00	19.59	100.0	H	226.0	8.8
7206.933333	42.06	---	74.00	31.94	100.0	H	226.0	8.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
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Critical_Freqs

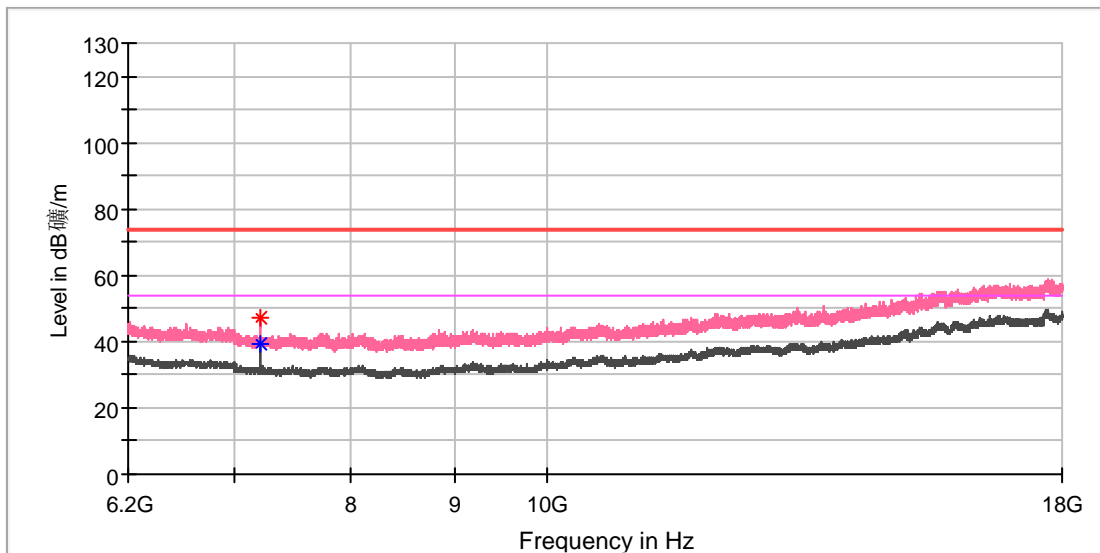
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.820000	90.68	---	114.00		100.0	V	359.0	7.0
4804.000000	---	43.29	54.00	10.71	100.0	V	331.0	11.8
4805.000000	52.27	---	74.00	21.73	100.0	V	324.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.117000	68.50	94.00		100.0	V	357.0	7.0

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

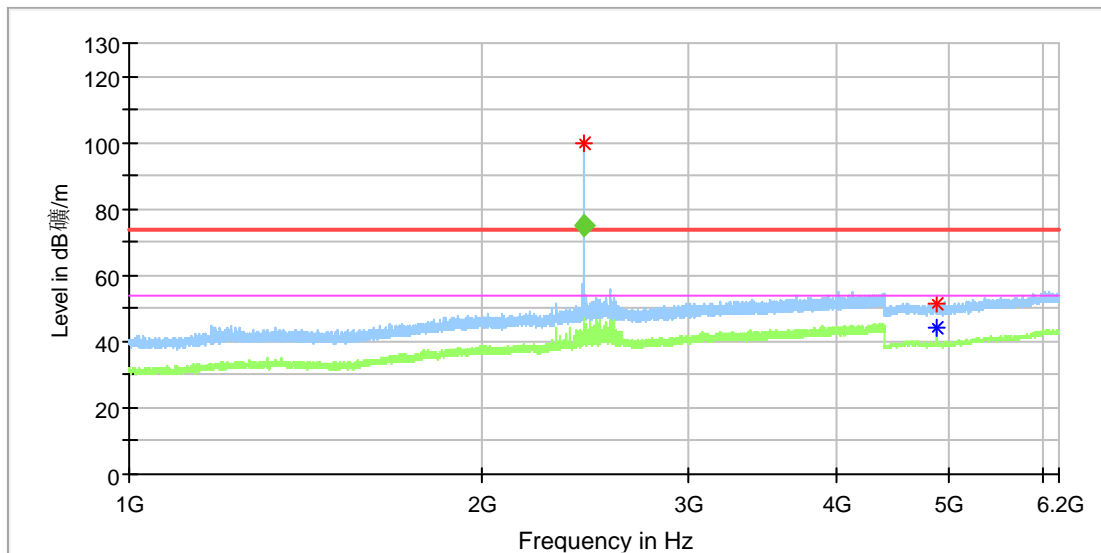


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7206.441667	---	39.22	54.00	14.78	100.0	V	6.0	8.8
7206.933333	47.08	---	74.00	26.92	100.0	V	6.0	8.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

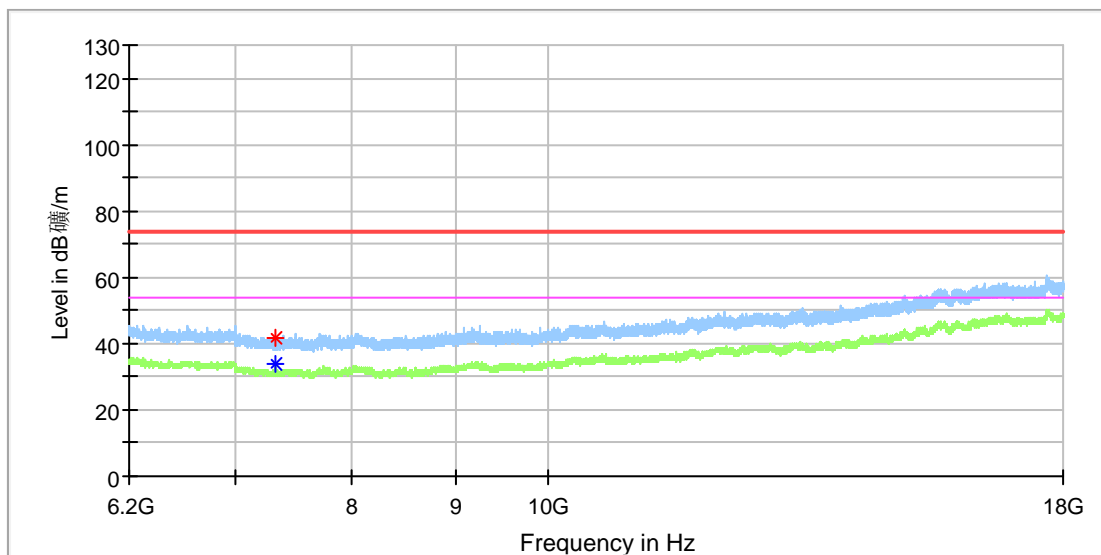
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2439.730000	99.55	---	114.00		100.0	H	6.0	7.4
4879.500000	51.34	---	74.00	22.66	100.0	H	9.0	11.8
4880.000000	---	44.09	54.00	9.91	100.0	H	9.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.115000	74.83	94.00		105.0	H	-1.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

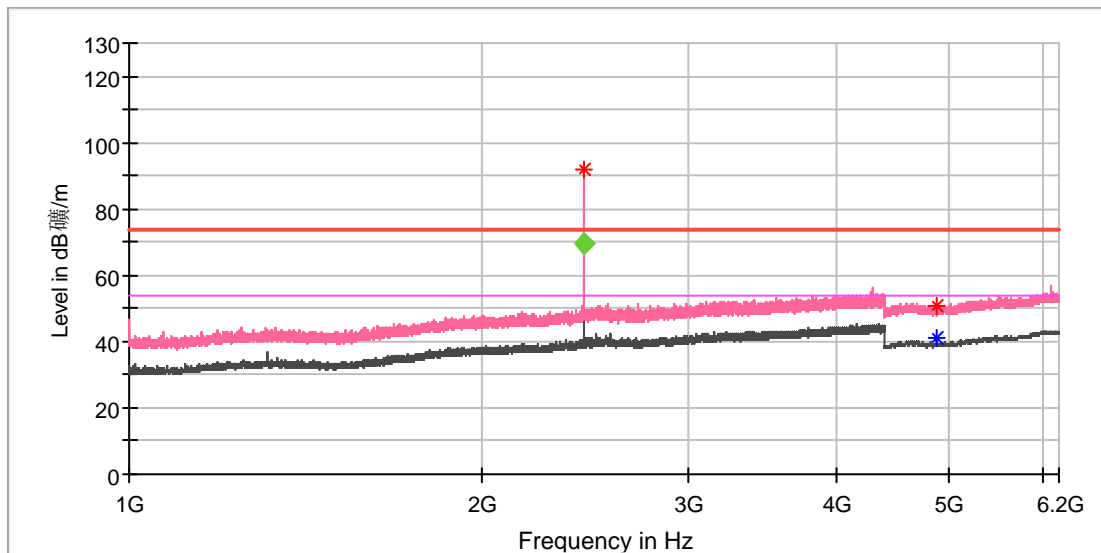


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7320.016667	41.85	---	74.00	32.15	100.0	H	298.0	8.2
7320.508333	---	34.00	54.00	20.00	100.0	H	298.0	8.2

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
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Critical_Freqs

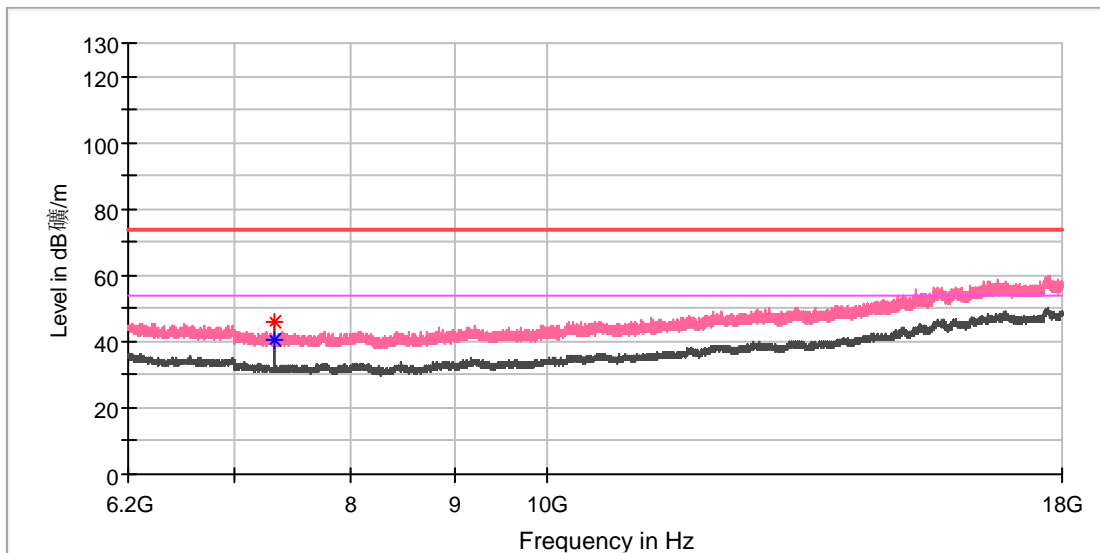
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.410000	91.70	---	114.00		100.0	V	0.0	7.4
4880.000000	---	41.09	54.00	12.91	100.0	V	336.0	11.8
4881.500000	50.55	---	74.00	23.45	100.0	V	44.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.183000	69.39	94.00		100.0	V	-1.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

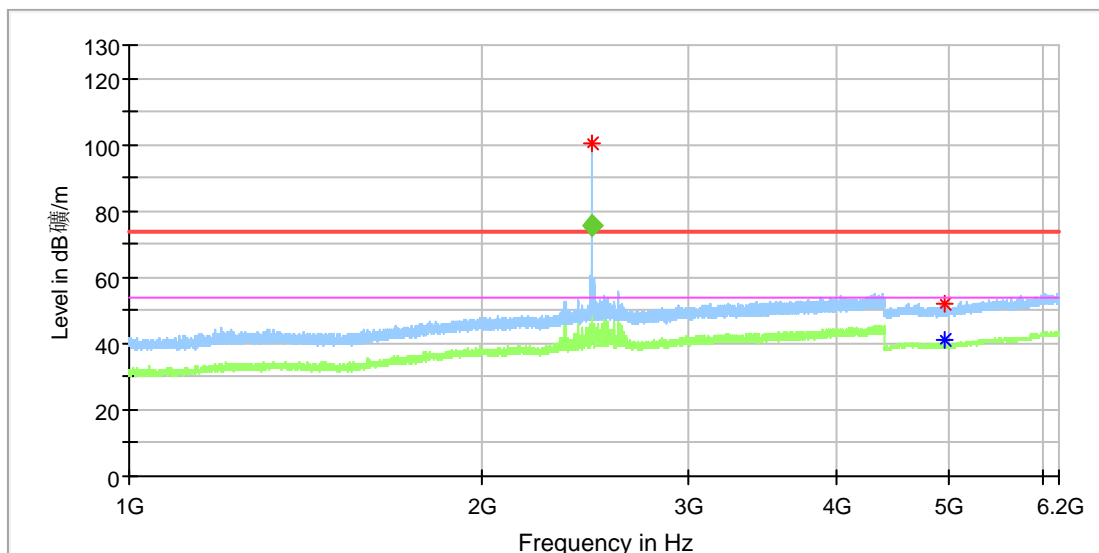


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	45.94	---	74.00	28.06	100.0	V	160.0	8.2
7319.525000	---	40.21	54.00	13.79	100.0	V	160.0	8.2

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

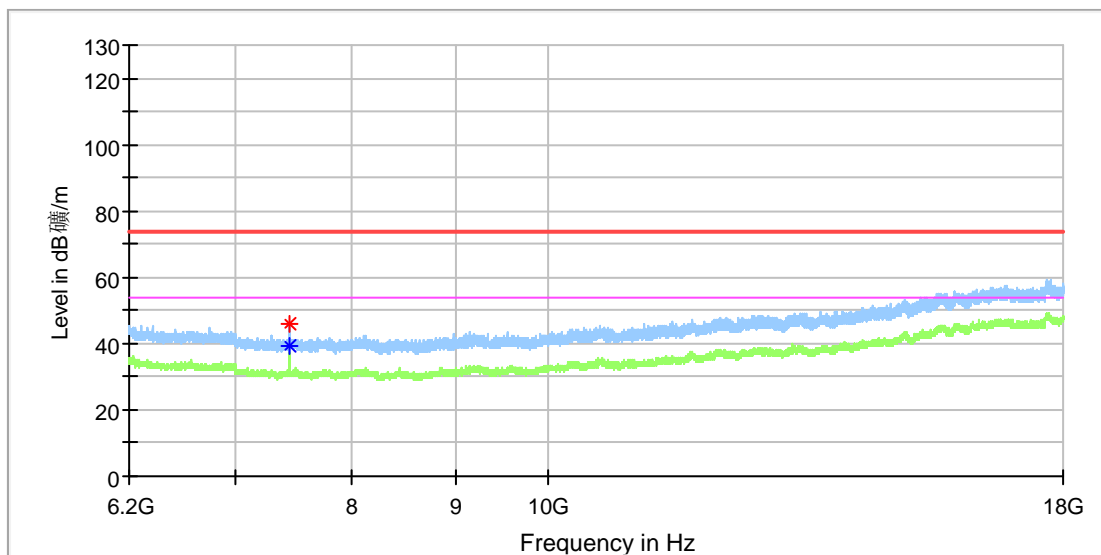
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.850000	100.60	---	114.00		100.0	H	0.0	7.4
4958.000000	52.29	---	74.00	21.71	100.0	H	194.0	11.8
4960.000000	---	41.33	54.00	12.67	100.0	H	349.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.123500	75.44	94.00		105.0	H	-4.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
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 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
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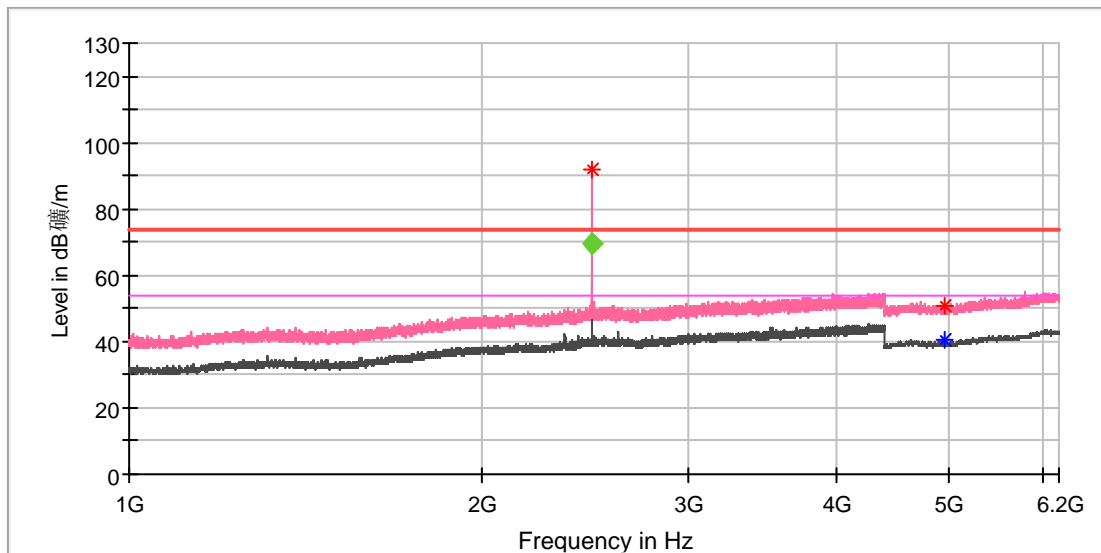


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.966667	46.13	---	74.00	27.87	100.0	H	202.0	8.4
7440.966667	---	39.57	54.00	14.43	100.0	H	202.0	8.4

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Critical_Freqs

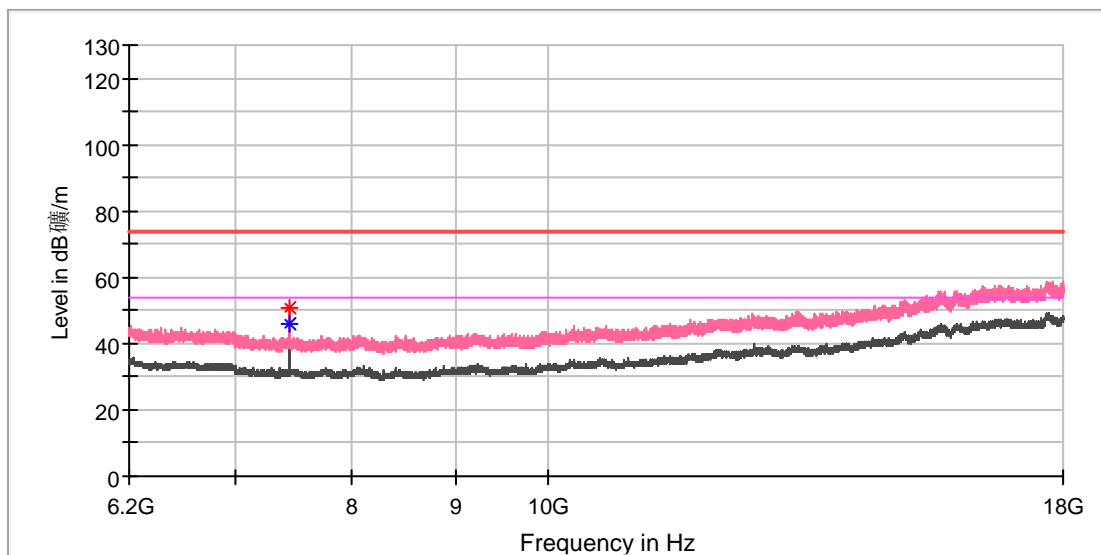
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.190000	91.75	---	114.00		100.0	V	0.0	7.4
4958.500000	50.74	---	74.00	23.26	100.0	V	251.0	11.8
4960.000000	---	40.69	54.00	13.31	100.0	V	6.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.173500	69.43	94.00		100.0	V	-2.0	7.4

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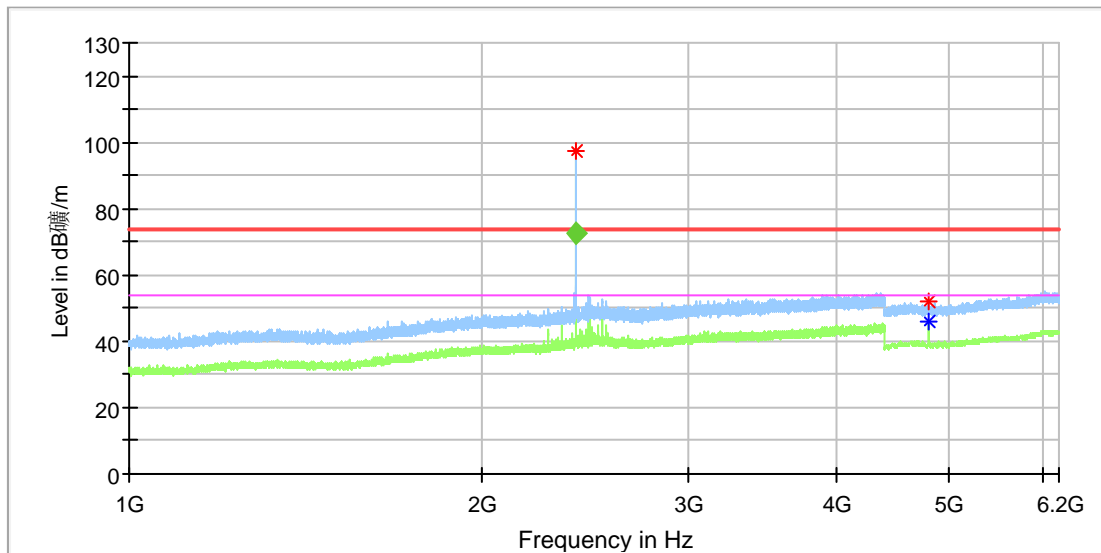
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.966667	---	46.04	54.00	7.96	100.0	V	314.0	8.4
7441.458333	50.66	---	74.00	23.34	100.0	V	0.0	8.4

1GHz - 18GHz, PCB2

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz Low channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:51%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

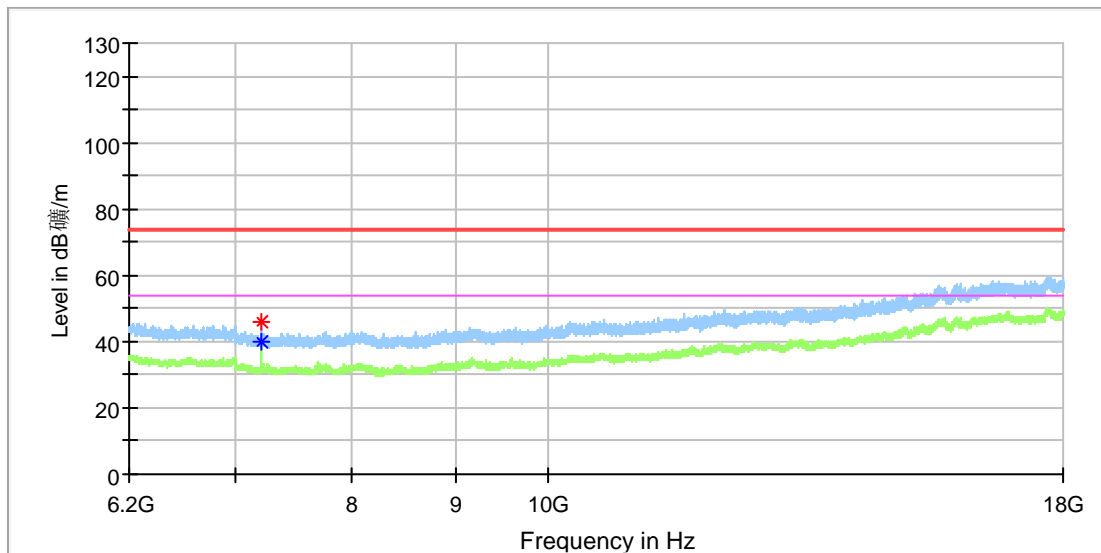
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.160000	97.13	---	114.00		100.0	H	299.0	7.0
4803.500000	51.81	---	74.00	22.19	100.0	H	203.0	11.8
4804.000000	---	45.84	54.00	8.16	100.0	H	25.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.018000	72.50	94.00		105.0	H	297.0	7.0

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

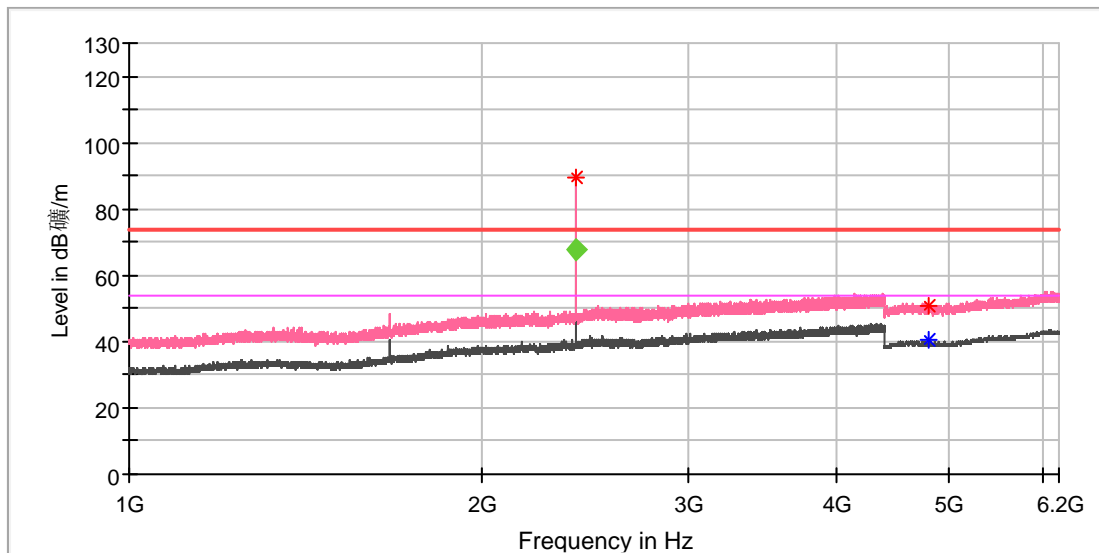


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	46.13	---	74.00	27.87	100.0	H	231.0	8.8
7205.950000	---	39.81	54.00	14.19	100.0	H	231.0	8.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

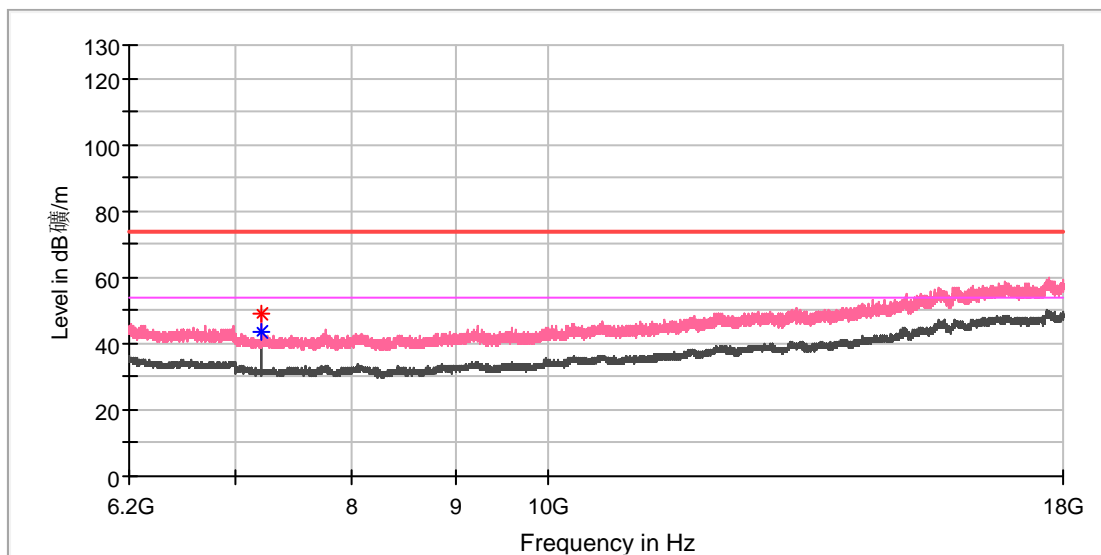
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.820000	89.42	---	114.00		100.0	V	342.0	7.0
4803.500000	---	40.66	54.00	13.34	100.0	V	0.0	11.8
4804.000000	50.94	---	74.00	23.06	100.0	V	284.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.985500	67.60	94.00		100.0	V	337.0	7.0

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

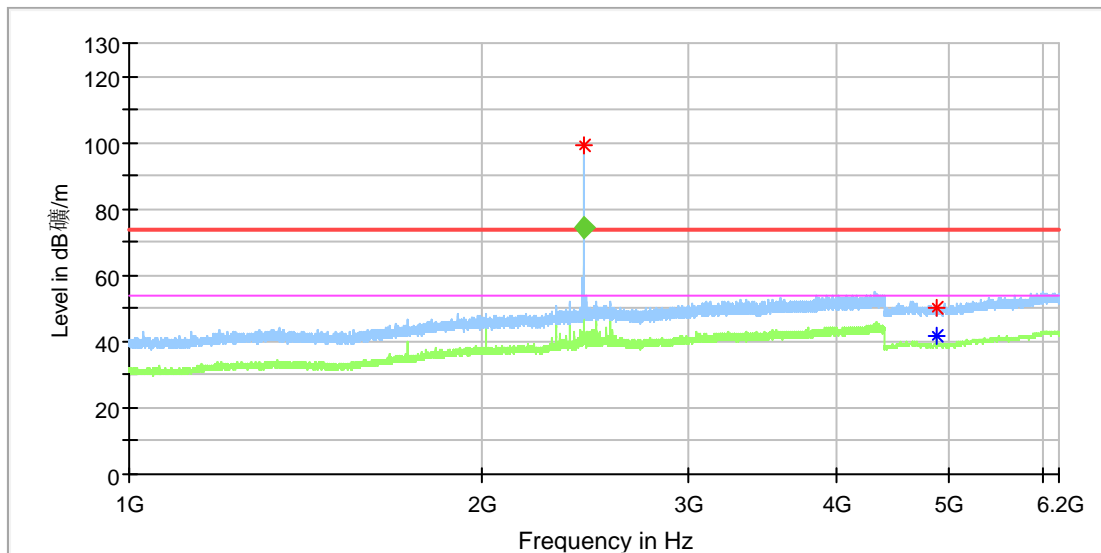


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	---	43.64	54.00	10.36	100.0	V	300.0	8.8
7206.933333	49.10	---	74.00	24.90	100.0	V	300.0	8.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

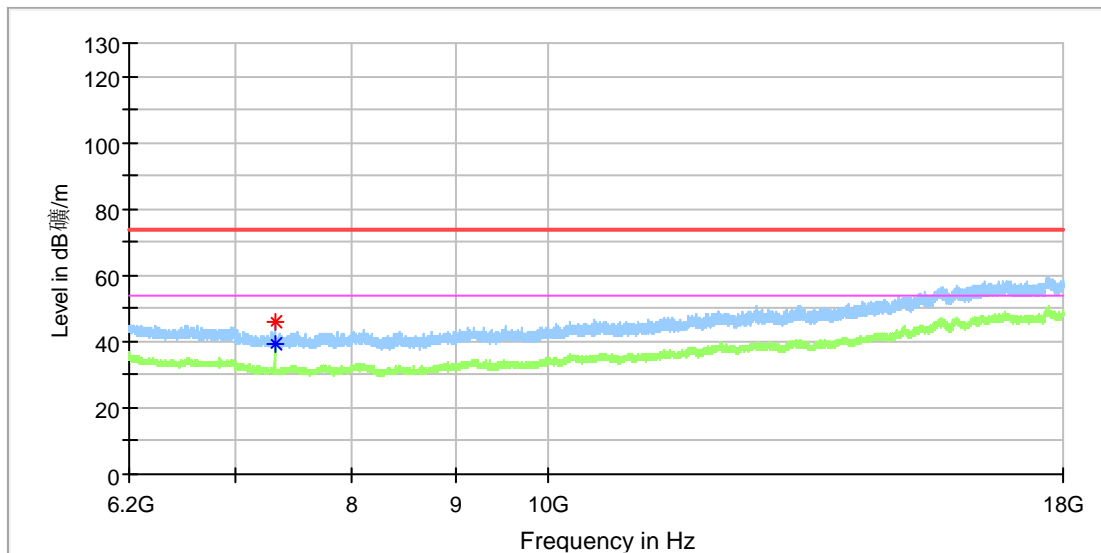
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2439.730000	99.26	---	114.00		100.0	H	2.0	7.4
4879.000000	50.48	---	74.00	23.52	100.0	H	206.0	11.8
4880.000000	---	41.99	54.00	12.01	100.0	H	291.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.012500	74.30	94.00		100.0	H	4.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

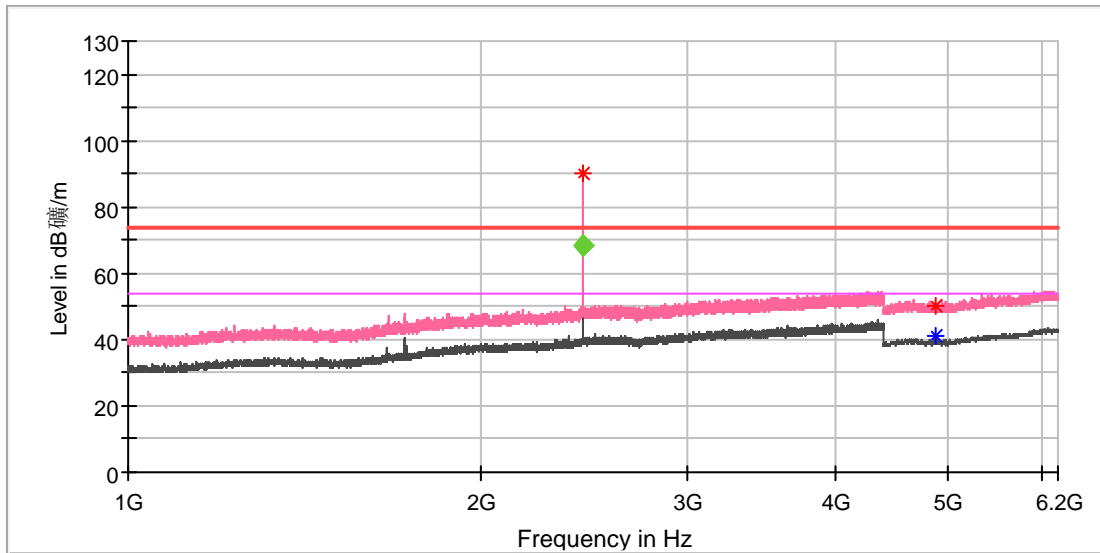


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.033333	---	39.47	54.00	14.53	100.0	H	236.0	8.2
7319.525000	46.00	---	74.00	28.00	100.0	H	236.0	8.2

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

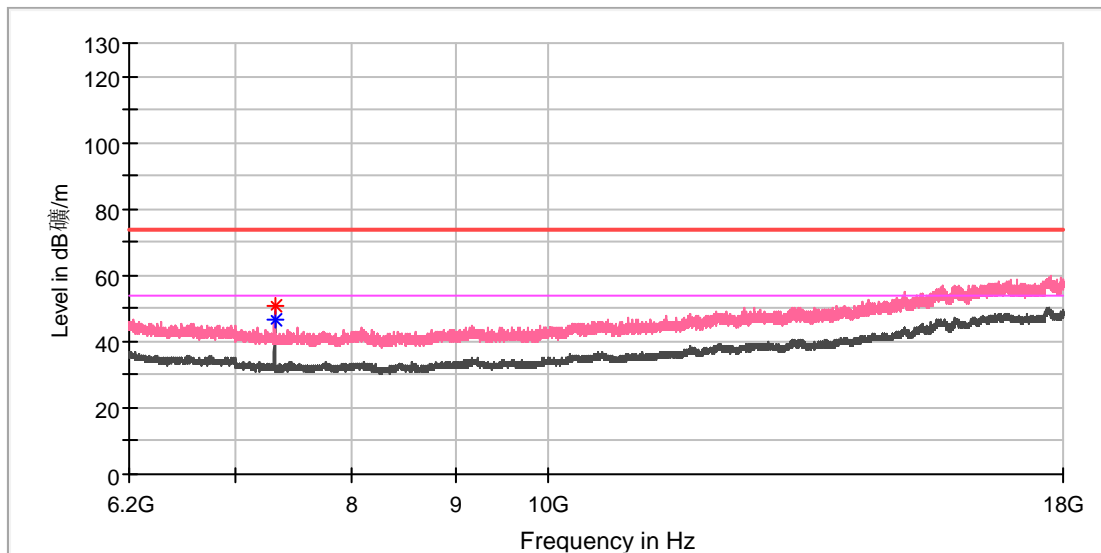
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2439.560000	90.18	---	114.00		100.0	V	344.0	7.4
4877.000000	50.46	---	74.00	23.54	100.0	V	174.0	11.8
4880.000000	---	40.82	54.00	13.18	100.0	V	353.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2440.025000	68.62	94.00		100.0	V	339.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Mid channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

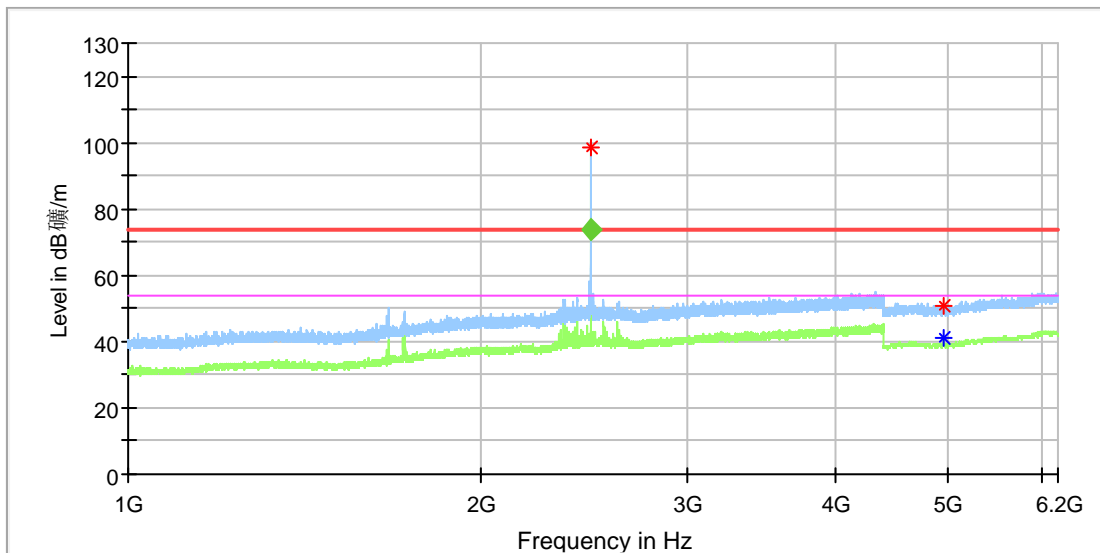


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	---	46.40	54.00	7.60	100.0	V	290.0	8.2
7320.508333	50.62	---	74.00	23.38	100.0	V	32.0	8.2

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

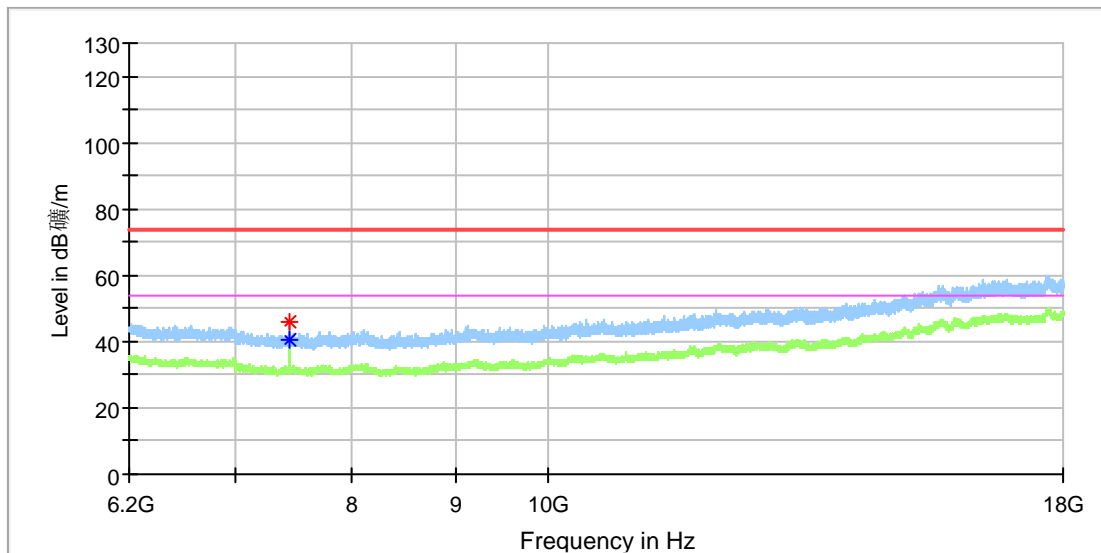
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.680000	98.32	---	114.00		100.0	H	0.0	7.4
4960.000000	50.74	---	74.00	23.26	100.0	H	303.0	11.8
4960.000000	---	41.02	54.00	12.98	100.0	H	303.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.005500	73.74	94.00		100.0	H	-2.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

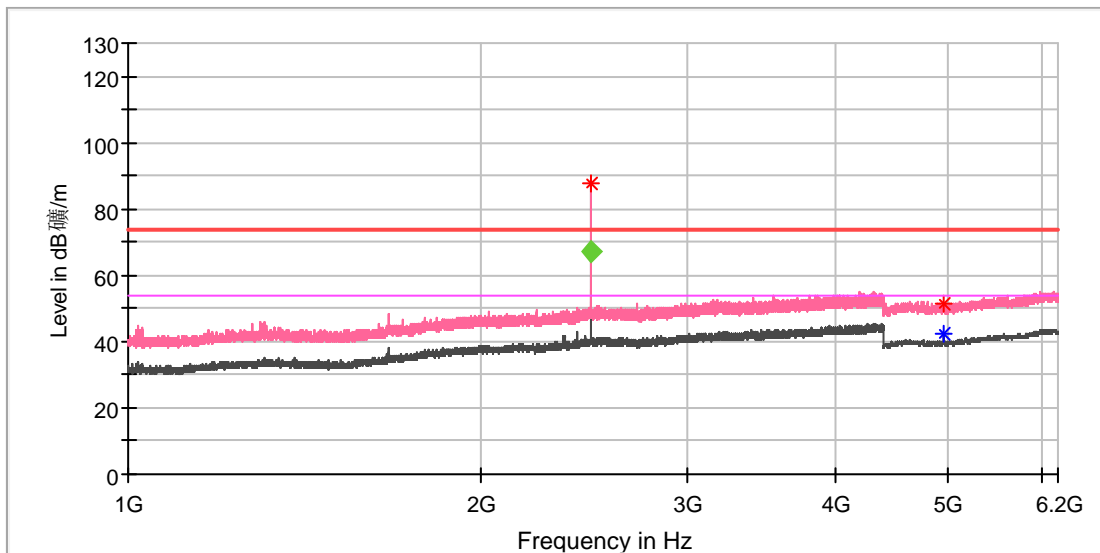


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	40.40	54.00	13.60	100.0	H	196.0	8.4
7440.475000	45.96	---	74.00	28.04	100.0	H	131.0	8.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

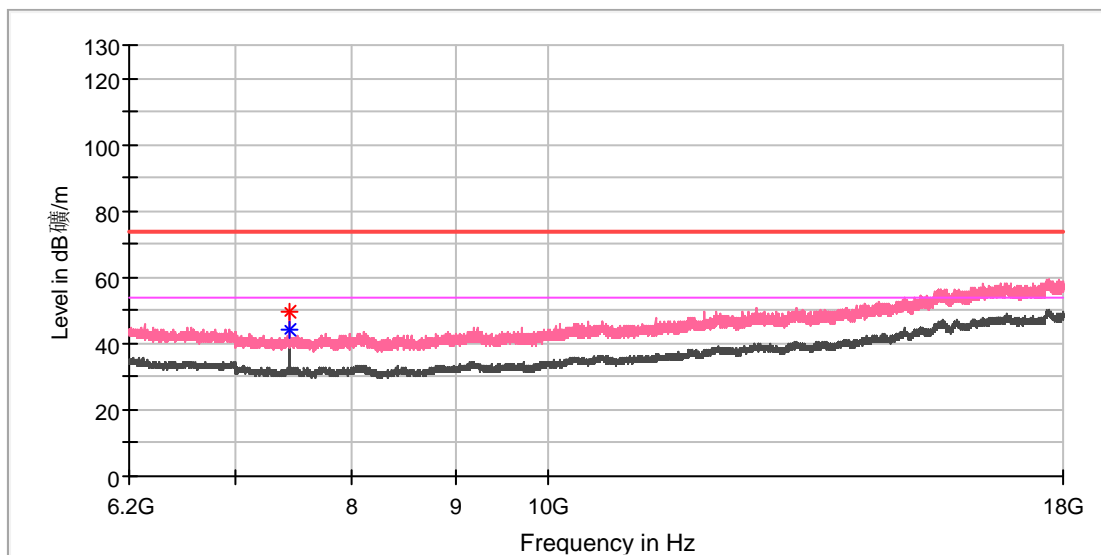
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.680000	87.58	---	114.00		100.0	V	320.0	7.4
4952.000000	51.42	---	74.00	22.58	100.0	V	5.0	11.8
4959.500000	---	42.08	54.00	11.92	100.0	V	295.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.923500	66.99	94.00		100.0	V	318.0	7.4

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz High channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



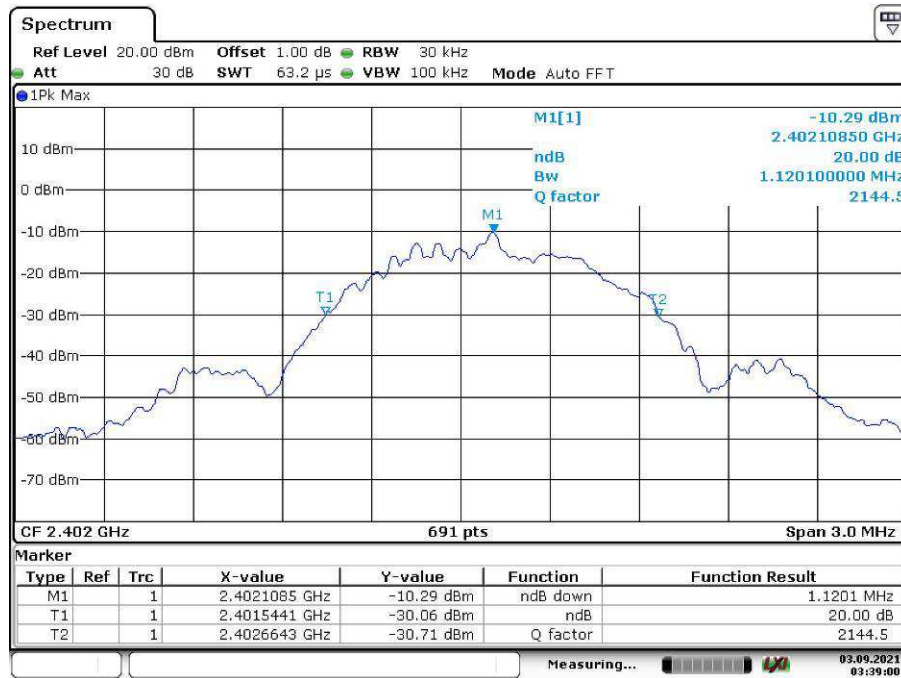
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.000000	49.64	---	74.00	24.36	100.0	V	298.0	8.4
7439.983333	---	44.25	54.00	9.75	100.0	V	298.0	8.4

Appendix B.2: Test Results of 20dB Bandwidth

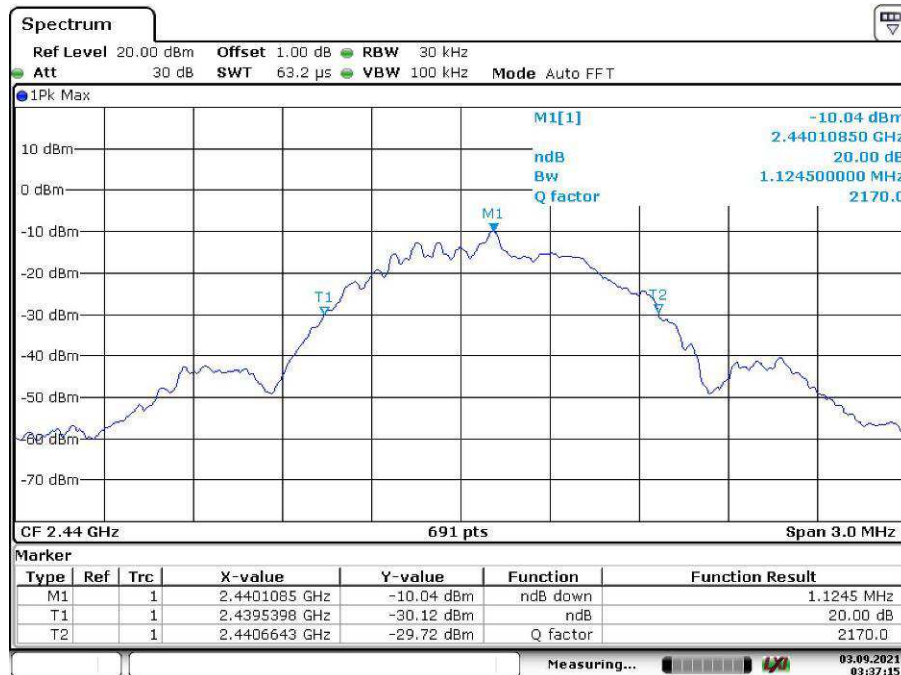
PCB1

2402MHz



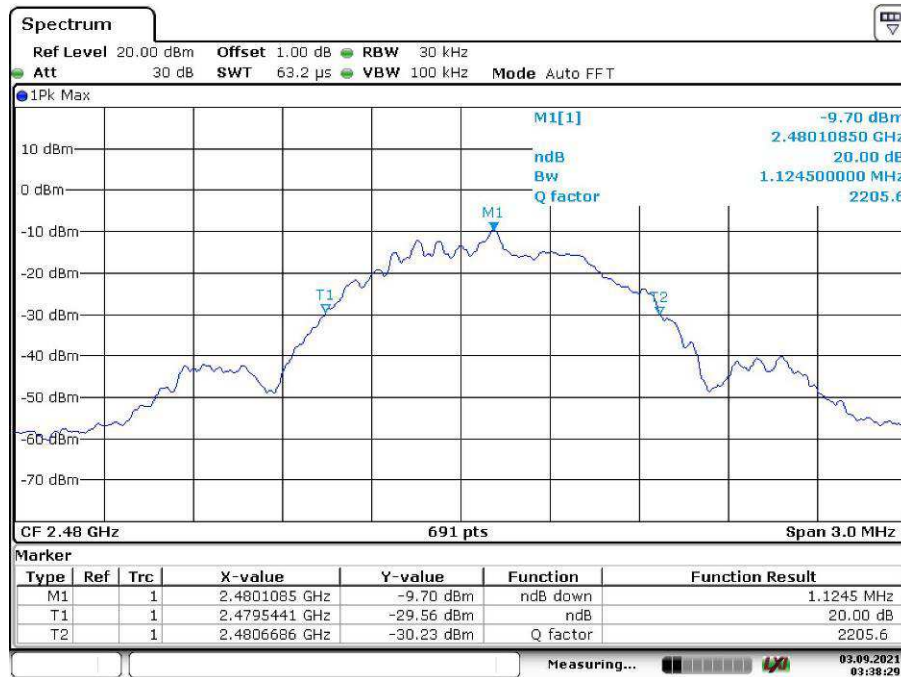
Date: 3.SEP.2021 03:39:00

2440MHz



Date: 3.SEP.2021 03:37:16

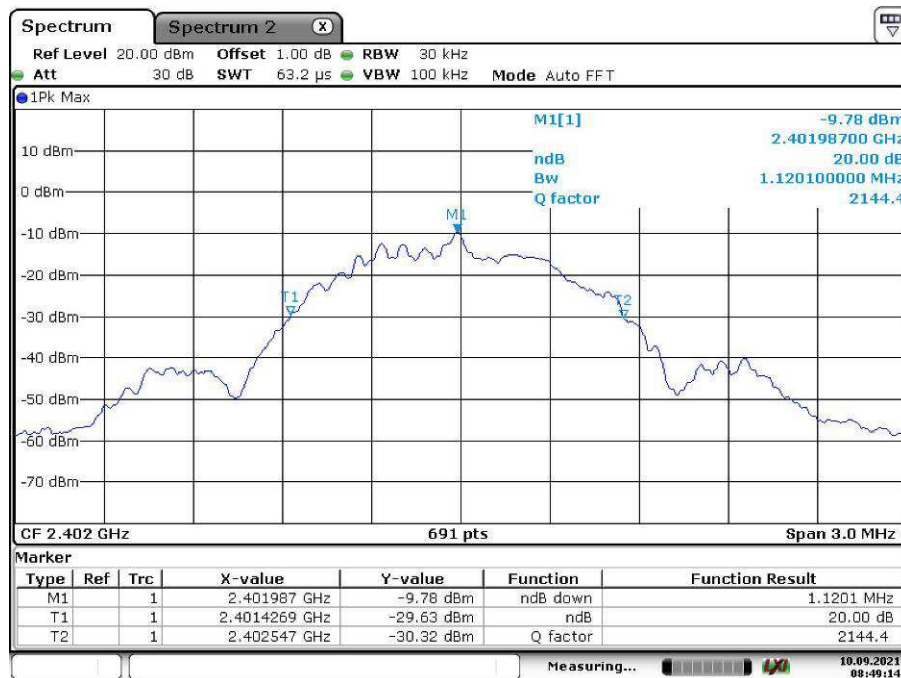
2480MHz



Date: 3.SEP.2021 03:38:29

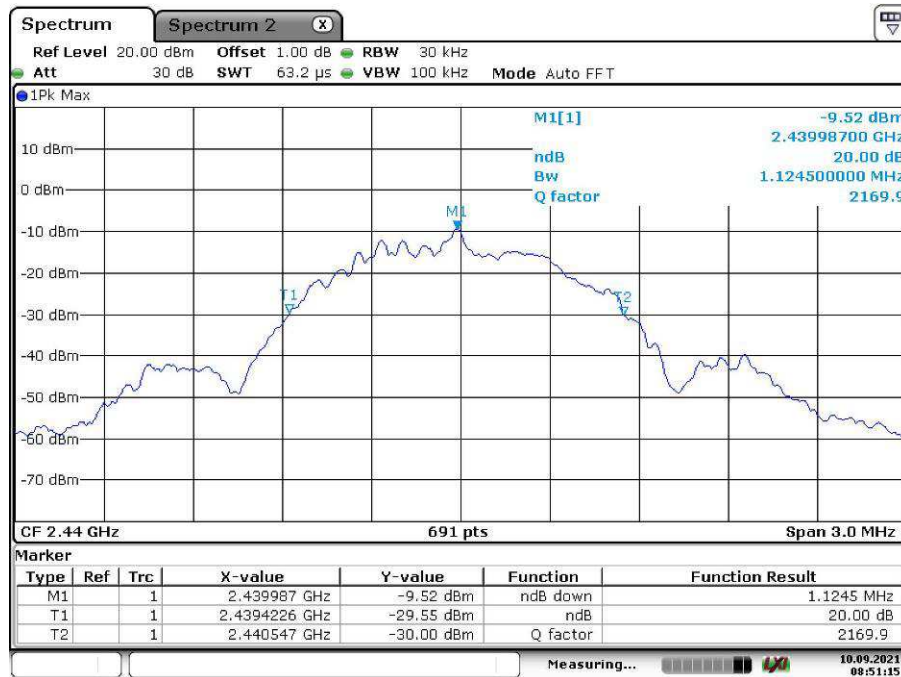
PCB2

2402MHz



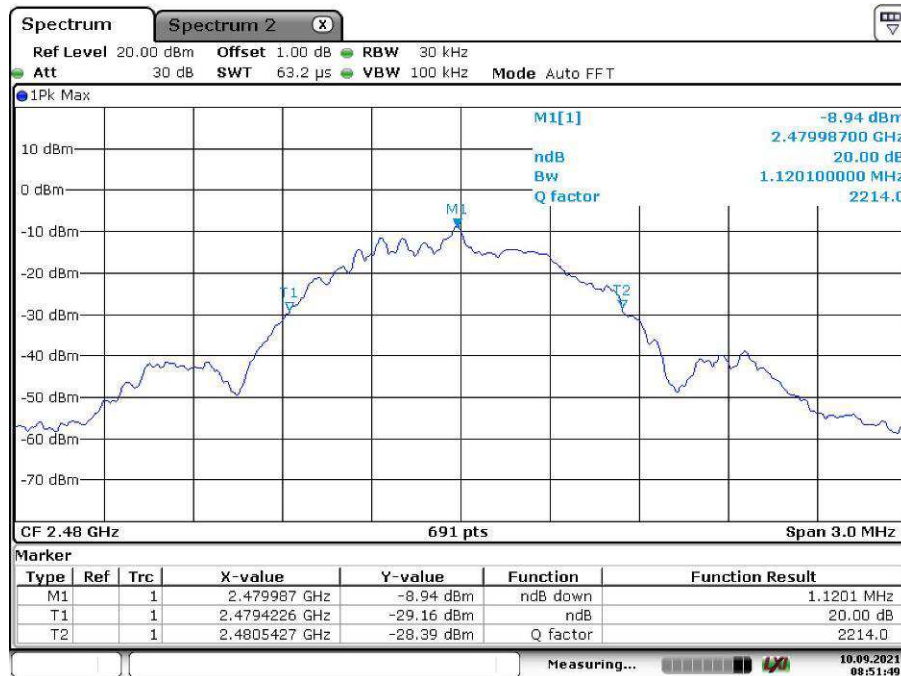
Date: 10.SEP.2021 08:49:14

2440MHz



Date: 10.SEP.2021 08:51:16

2480MHz

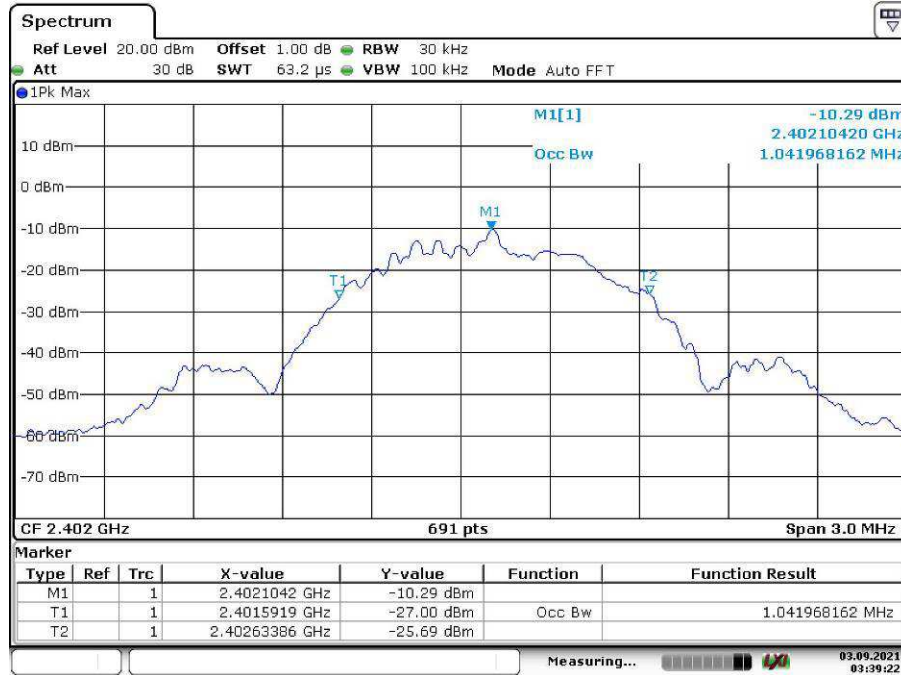


Date: 10.SEP.2021 08:51:50

Appendix B.3: Test Results of 99% Bandwidth

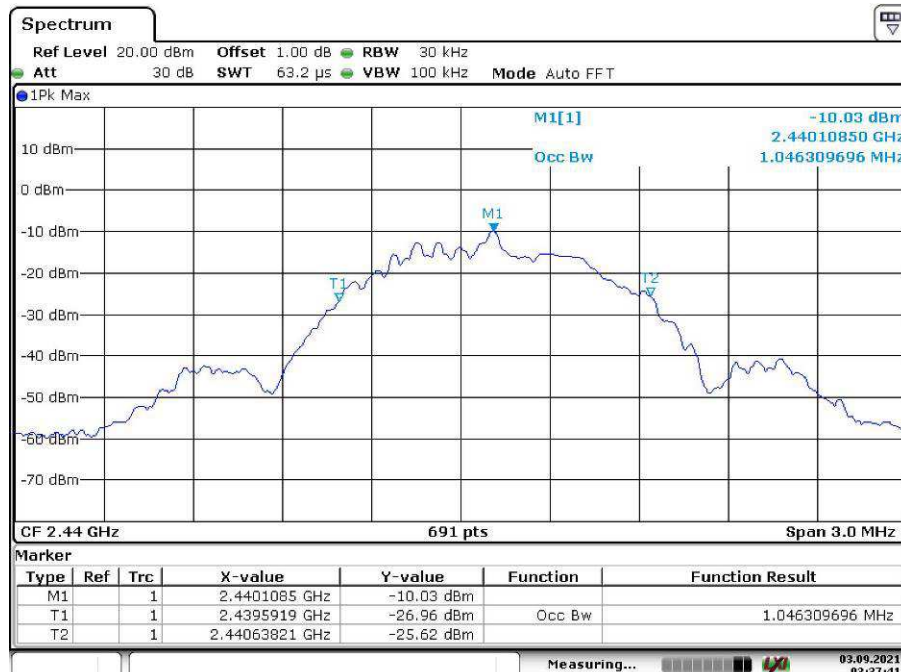
PCB1

2402MHz



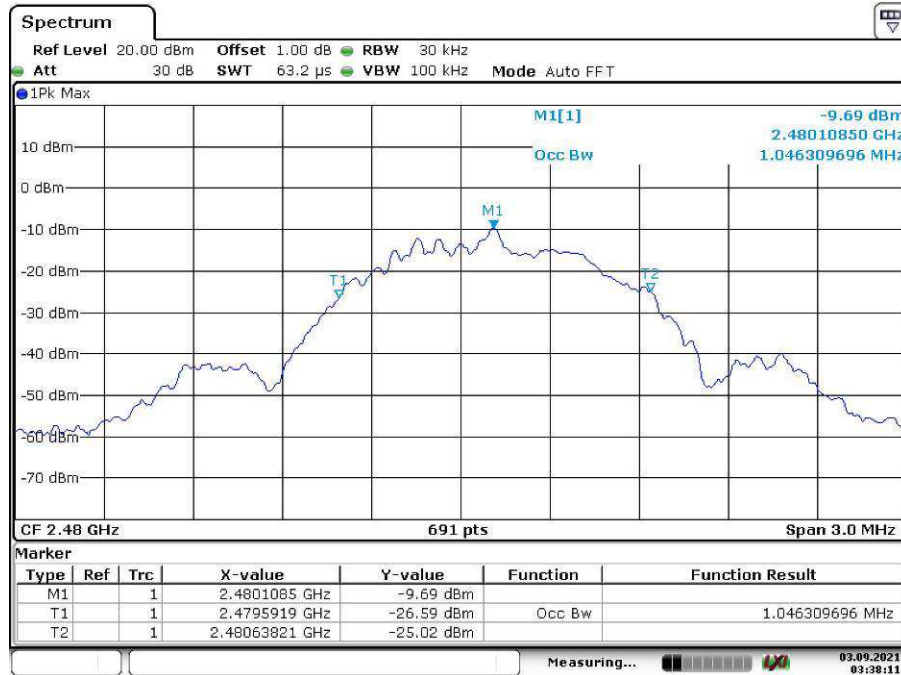
Date: 3.SEP.2021 03:39:23

2440MHz



Date: 3.SEP.2021 03:37:42

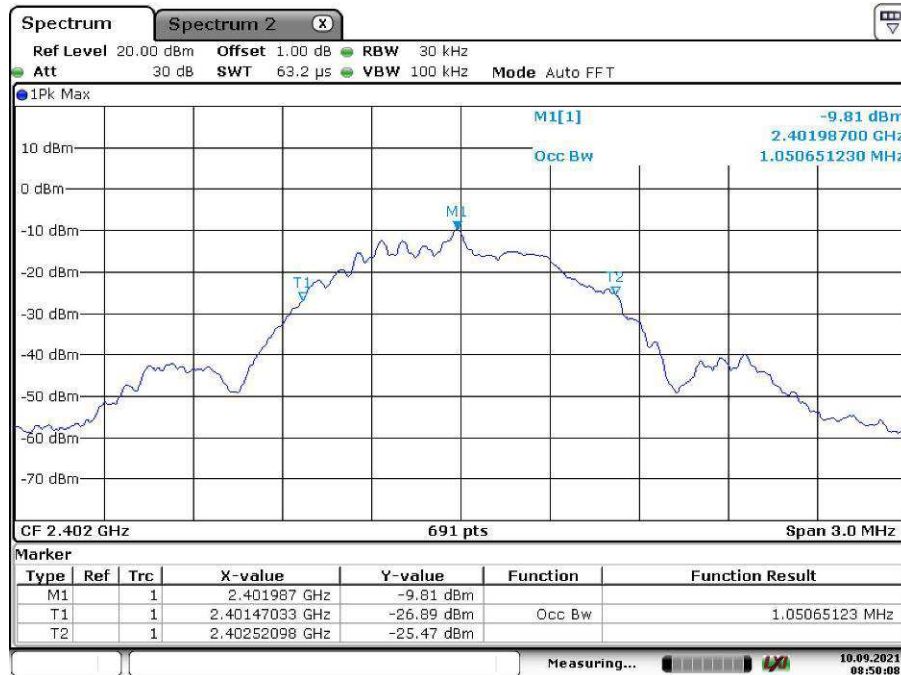
2480MHz



Date: 3.SEP.2021 03:38:11

PCB2

2402MHz



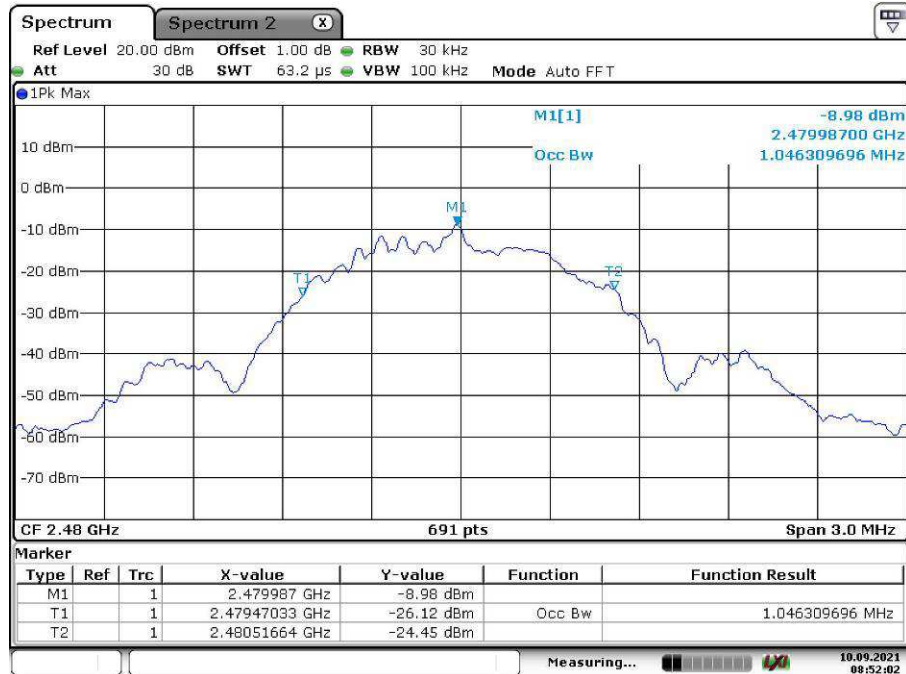
Date: 10.SEP.2021 08:50:09

2440MHz



Date: 10.SEP.2021 08:50:50

2480MHz



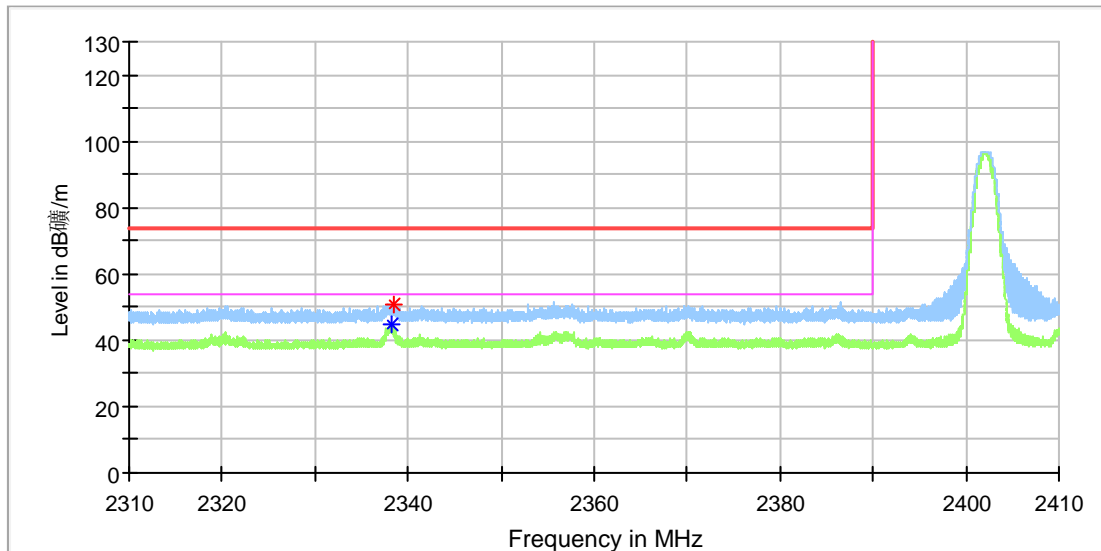
Date: 10.SEP.2021 08:52:03

Appendix B.4: Test Results of Band Edge

Band Edge, PCB1

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

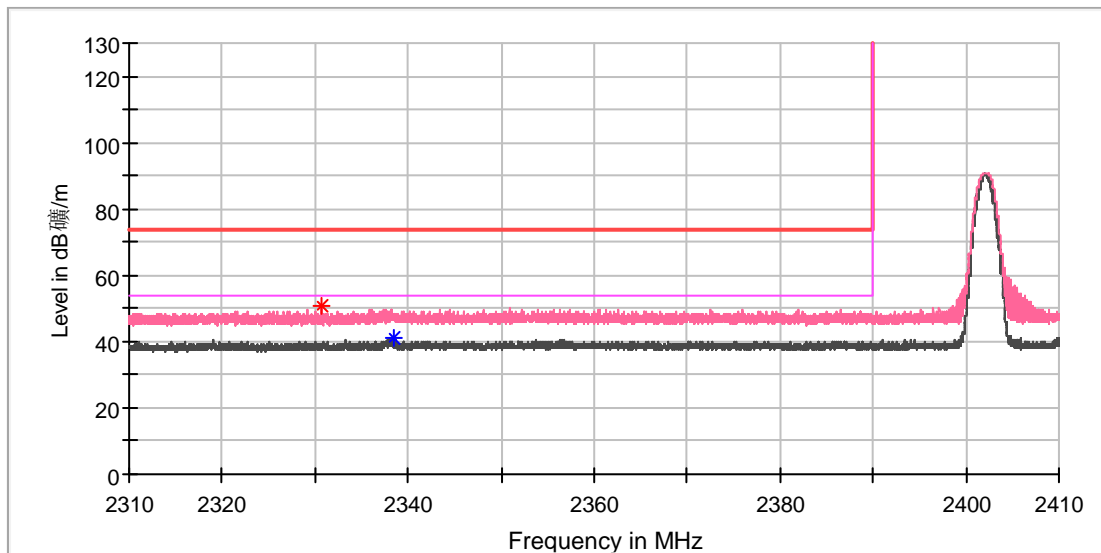


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2338.140750	---	44.47	54.00	9.53	100.0	H	0.0	6.8
2338.343250	50.78	---	74.00	23.22	100.0	H	5.0	6.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage:: Battery
 Remark: Temp 23 Humi:45%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

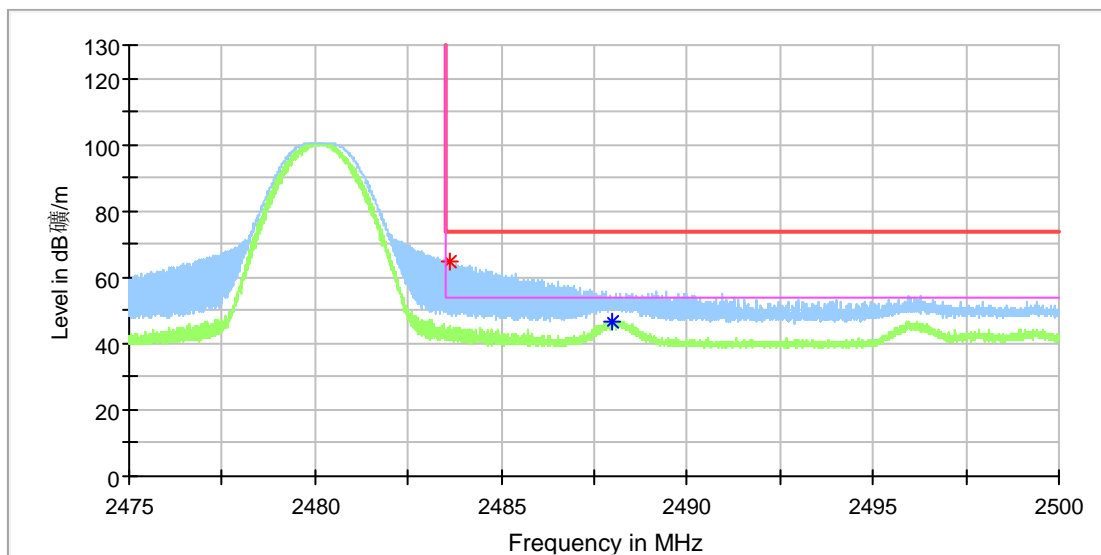


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2330.641500	50.93	---	74.00	23.07	100.0	V	354.0	6.7
2338.410750	---	41.37	54.00	12.63	100.0	V	10.0	6.8

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz High channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

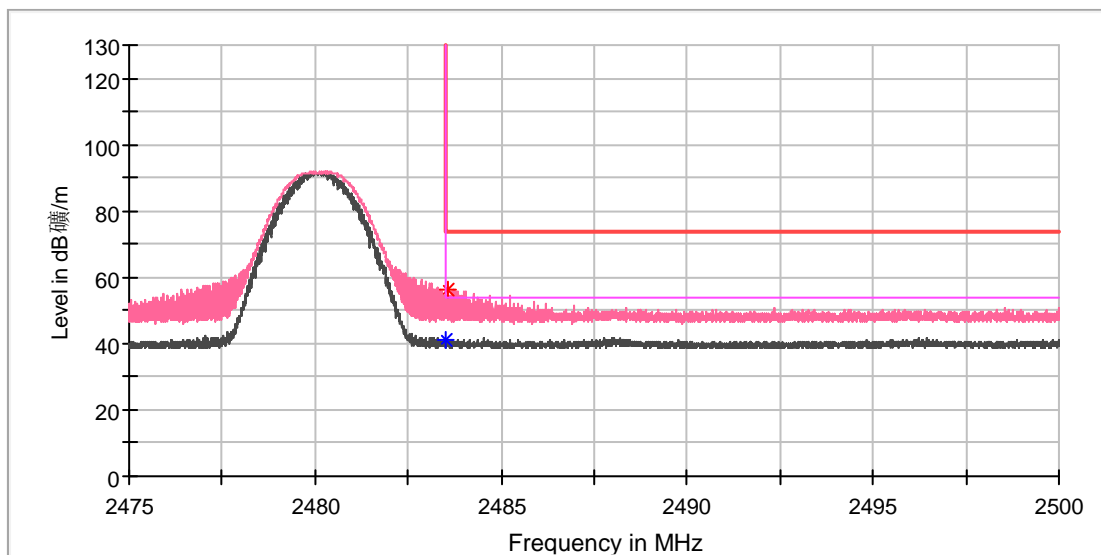


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.634000	64.48	---	74.00	9.52	100.0	H	1.0	7.4
2487.960000	---	46.64	54.00	7.36	100.0	H	1.0	7.4

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz High channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



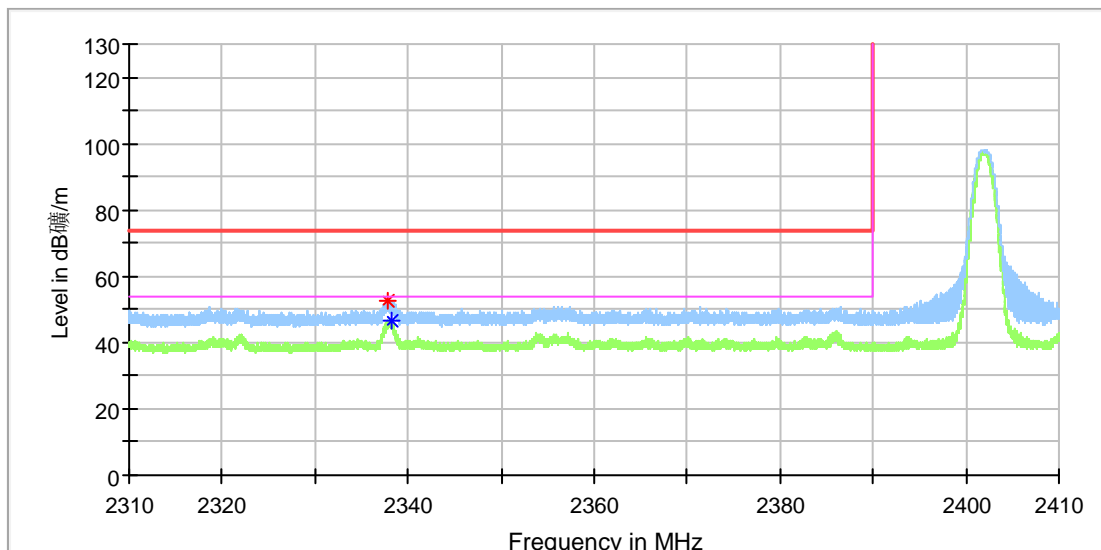
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529000	---	41.40	54.00	12.60	100.0	V	302.0	7.4
2483.560500	56.35	---	74.00	17.65	100.0	V	348.0	7.4

Band Edge, PCB2

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz Low channel
Test Voltage:	Battery
Remark:	Temp 23 Humi:51%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

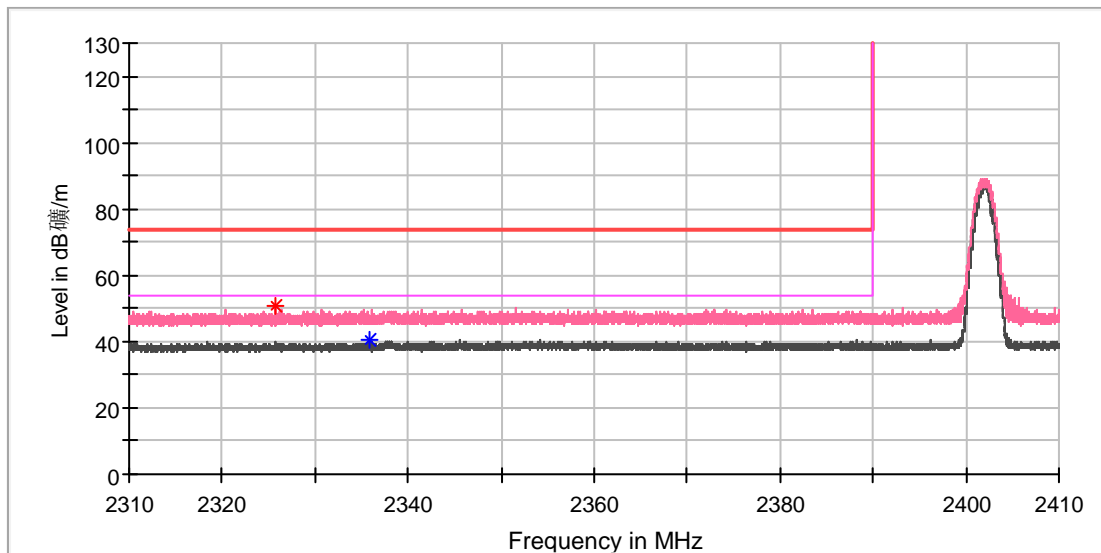


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.740000	52.37	---	74.00	21.63	100.0	H	305.0	6.8
2338.175000	---	46.64	54.00	7.36	100.0	H	3.0	6.8

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Model: KB202W
 Test Mode: 2.4GHz Low channel
 Test Voltage: Battery
 Remark: Temp 23 Humi:51%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

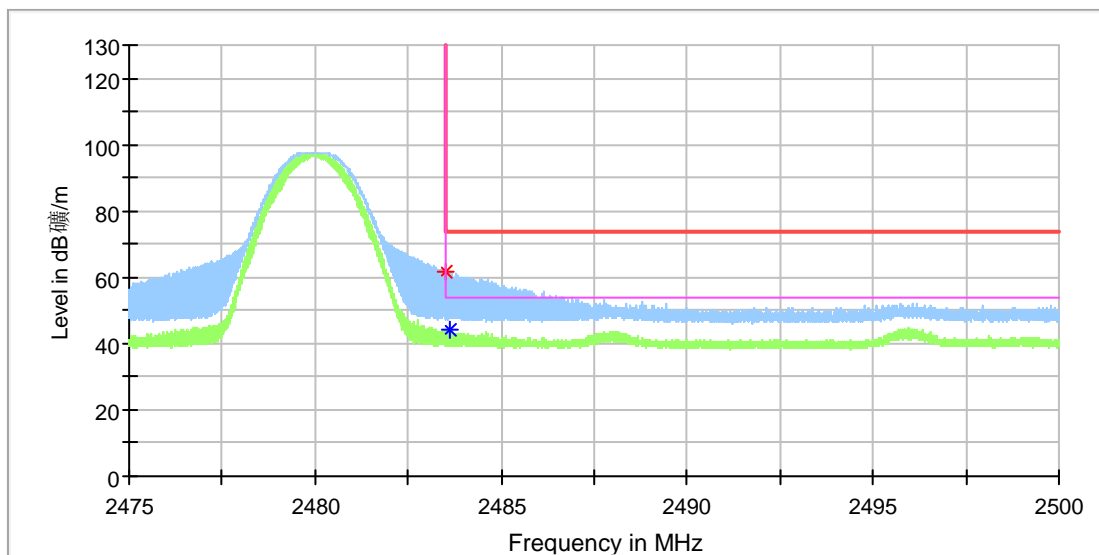


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2325.650000	50.59	---	74.00	23.41	100.0	V	265.0	6.7
2335.820000	---	40.28	54.00	13.72	100.0	V	80.0	6.8

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz High channel
Test Voltage:	Battery
Remark:	Temp 23 Humi:51%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

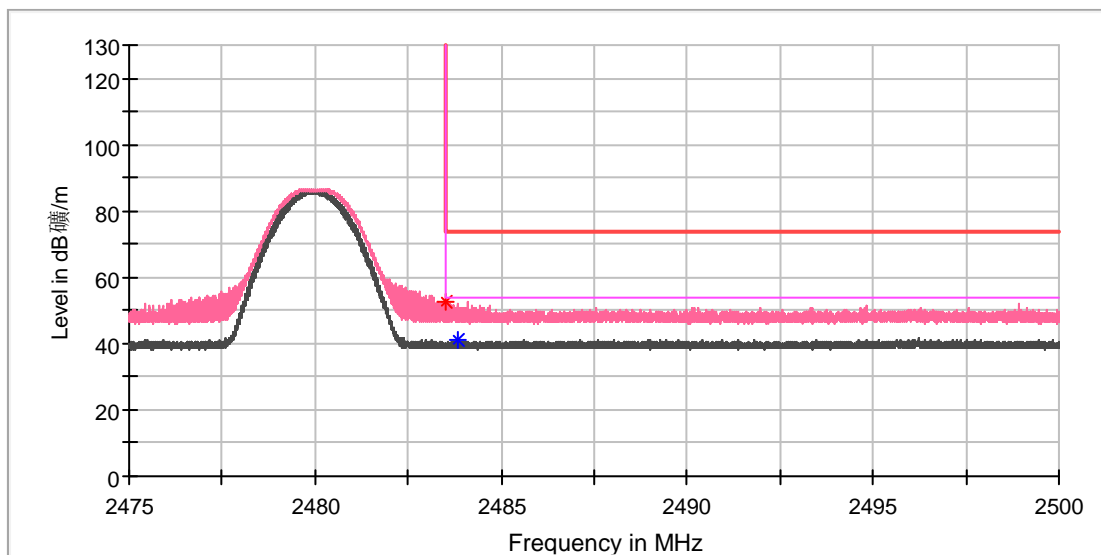


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.531250	61.84	---	74.00	12.16	100.0	H	354.0	7.4
2483.631250	---	44.29	54.00	9.71	100.0	H	0.0	7.4

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Model:	KB202W
Test Mode:	2.4GHz High channel
Test Voltage:	Battery
Remark:	Temp 23 Humi:51%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

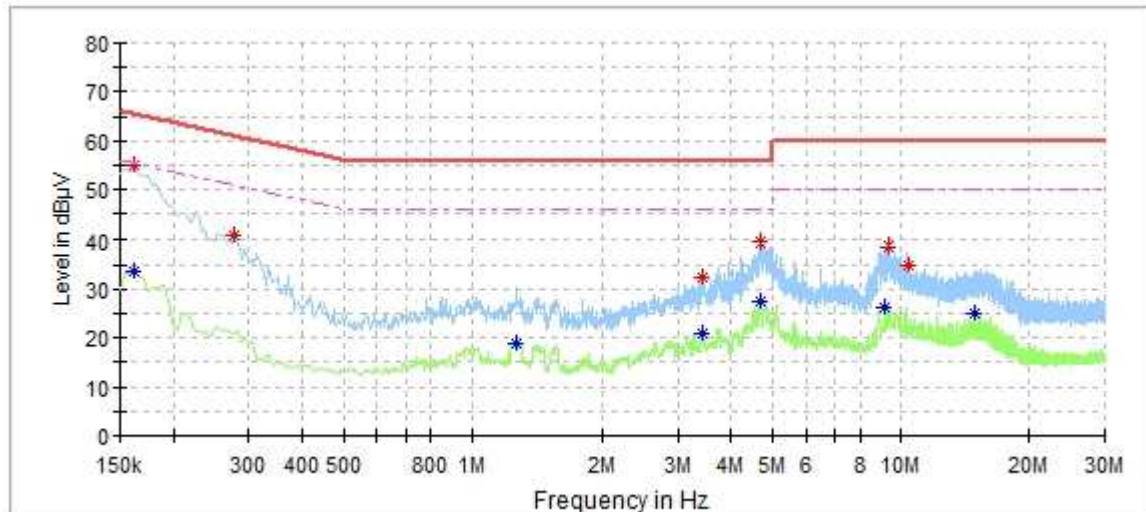
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.522500	52.88	---	74.00	21.12	100.0	V	27.0	7.4
2483.852500	---	41.30	54.00	12.70	100.0	V	358.0	7.4

Appendix B.5: Test Results of Conducted Emission on AC Mains

Charging mode, PCB1

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Order No.:	168326049
Model:	KB202W
Test Mode:	Charging
Test Voltage:	DC 5V By PC
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR2

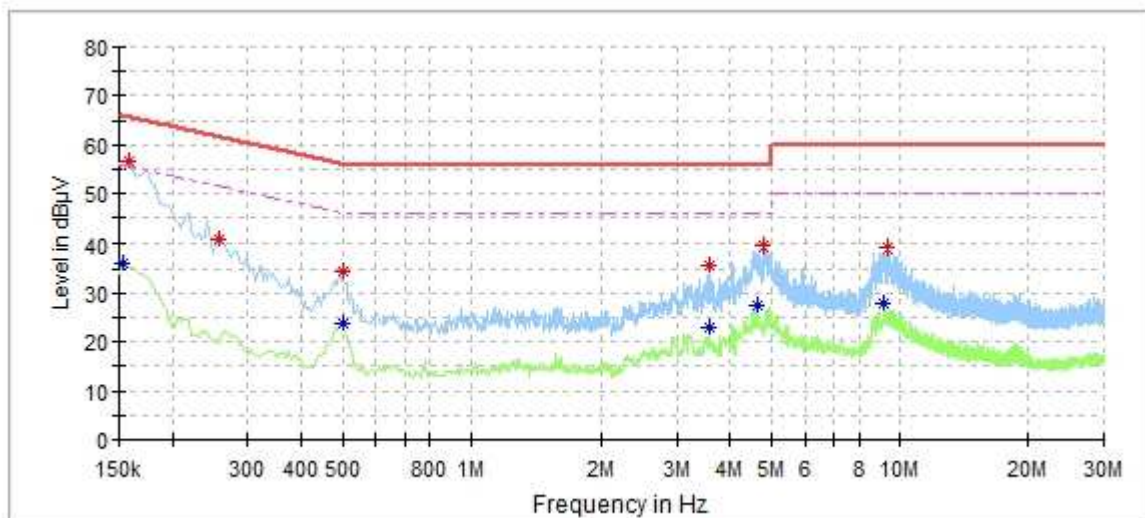


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	54.90	---	65.36	10.47	L1	9.6
0.162000	---	33.80	55.36	21.56	L1	9.6
0.278000	40.56	---	60.88	20.32	L1	9.6
1.268000	---	19.03	46.00	26.97	L1	9.7
3.412000	---	20.99	46.00	25.01	L1	9.8
3.420000	32.49	---	56.00	23.51	L1	9.8
4.676000	---	27.35	46.00	18.65	L1	9.9
4.676000	39.36	---	56.00	16.64	L1	9.9
9.200000	---	26.44	50.00	23.56	L1	10.0
9.336000	38.72	---	60.00	21.28	L1	10.0
10.440000	34.99	---	60.00	25.01	L1	10.0
14.876000	---	25.02	50.00	24.98	L1	10.3

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Order No.:	168326049
Model:	KB202W
Test Mode:	Charging
Test Voltage:	DC 5V By PC
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR



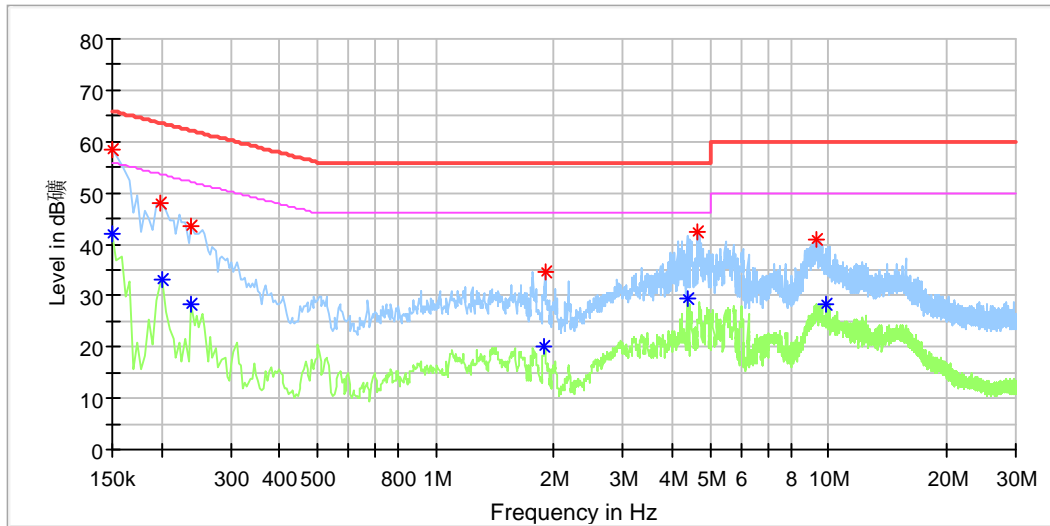
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	---	36.04	55.78	19.74	N	9.6
0.158000	56.80	---	65.57	8.77	N	9.6
0.258000	40.75	---	61.50	20.75	N	9.6
0.500000	34.57	---	56.00	21.43	N	9.7
0.500000	---	23.62	46.00	22.38	N	9.7
0.500000	---	23.81	46.00	22.19	N	9.7
3.564000	---	23.09	46.00	22.91	N	9.8
3.568000	35.56	---	56.00	20.44	N	9.8
4.620000	---	27.44	46.00	18.56	N	9.9
4.808000	39.22	---	56.00	16.78	N	9.9
9.184000	---	27.90	50.00	22.10	N	10.0
9.388000	39.11	---	60.00	20.89	N	10.0

Charging mode, PCB2

EUT Information

EUT Name: Lenovo Go Wireless Numeric Keypad
 Order No: 168326049 250
 Model: KB202W
 Test mode: Charging
 Test Voltage: DC 5V
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: SR2

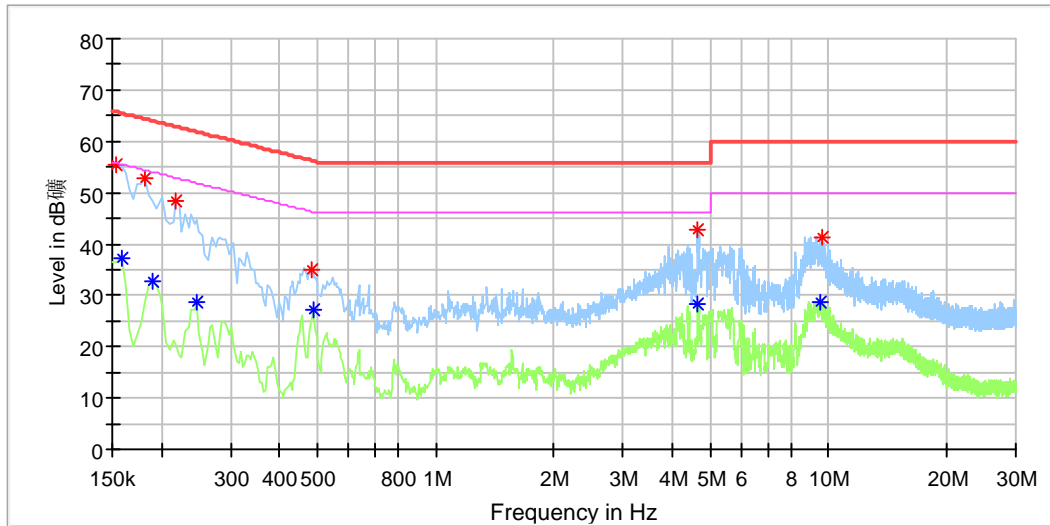


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	42.15	56.00	13.85	L1	9.9
0.150000	58.31	---	66.00	7.69	L1	9.9
0.198000	48.16	---	63.69	15.54	L1	9.9
0.202000	---	33.02	53.53	20.51	L1	9.9
0.238000	---	28.45	52.17	23.72	L1	9.9
0.238000	43.48	---	62.17	18.68	L1	9.9
1.886000	---	20.14	46.00	25.86	L1	10.1
1.898000	34.69	---	56.00	21.31	L1	10.1
4.358000	---	29.43	46.00	16.57	L1	10.2
4.658000	42.57	---	56.00	13.43	L1	10.2
9.354000	40.88	---	60.00	19.12	L1	10.3
9.826000	---	28.09	50.00	21.91	L1	10.3

EUT Information

EUT Name:	Lenovo Go Wireless Numeric Keypad
Order No:	168326049 250
Model:	KB202W
Test mode:	Charging
Test Voltage:	DC 5V
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	55.60	---	65.78	10.18	N	9.8
0.158000	---	37.15	55.57	18.41	N	9.8
0.182000	52.89	---	64.39	11.50	N	9.8
0.190000	---	32.56	54.04	21.47	N	9.8
0.218000	48.31	---	62.90	14.58	N	9.8
0.246000	---	28.62	51.89	23.27	N	9.8
0.482000	34.84	---	56.31	21.47	N	9.8
0.486000	---	26.99	46.24	19.25	N	9.8
4.650000	---	28.30	46.00	17.70	N	9.9
4.658000	42.94	---	56.00	13.06	N	9.9
9.554000	---	28.77	50.00	21.23	N	10.0
9.582000	41.34	---	60.00	18.66	N	10.0