

Appendix B: Test Results of General 2.4GHz

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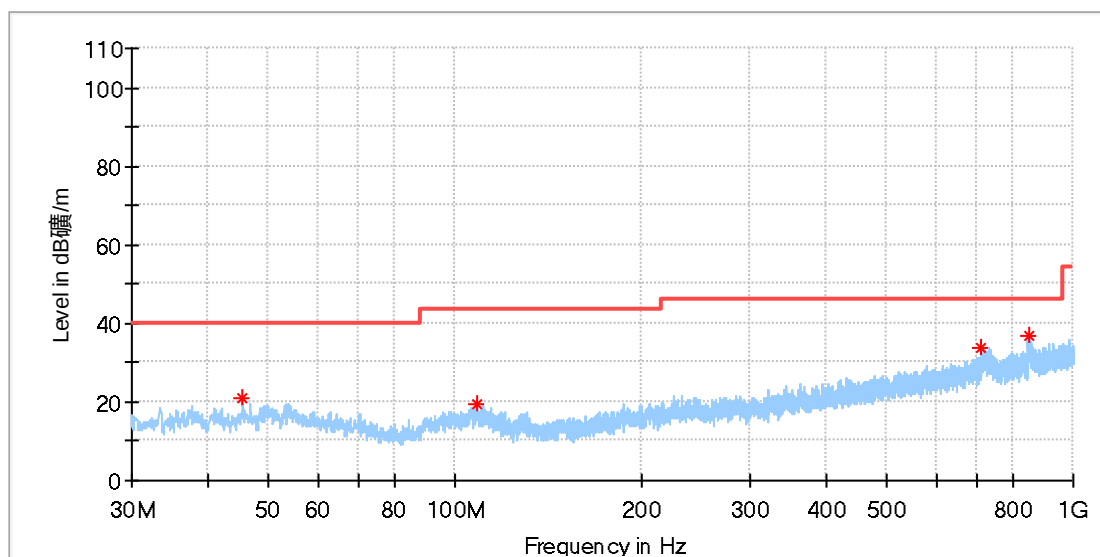
Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz -26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Appendix B.1: Fundamental & Harmonics Radiated Emission

30MHz - 1GHz

EUT Information

EUT Name:	Wireless Mouse
Model:	L530-A
Test Mode:	Low channel
Test Voltage::	Battery
Remark:	Temp 24 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)
45.374500	20.96	---	40.00	19.04	100.0	H	119.0	-19.1
108.182000	19.41	---	43.50	24.09	100.0	H	330.0	-19.3
709.242500	33.97	---	46.00	12.03	100.0	H	166.0	-8.3
846.449000	36.82	---	46.00	9.18	100.0	H	156.0	-6.0

Produkte
Products

EUT Information

EUT Name:

Model:

Test Mode:

Test Voltage::

Remark:

Test Standard:

Tested By:

Reviewed By:

Wireless Mouse

L530-A

Low channel

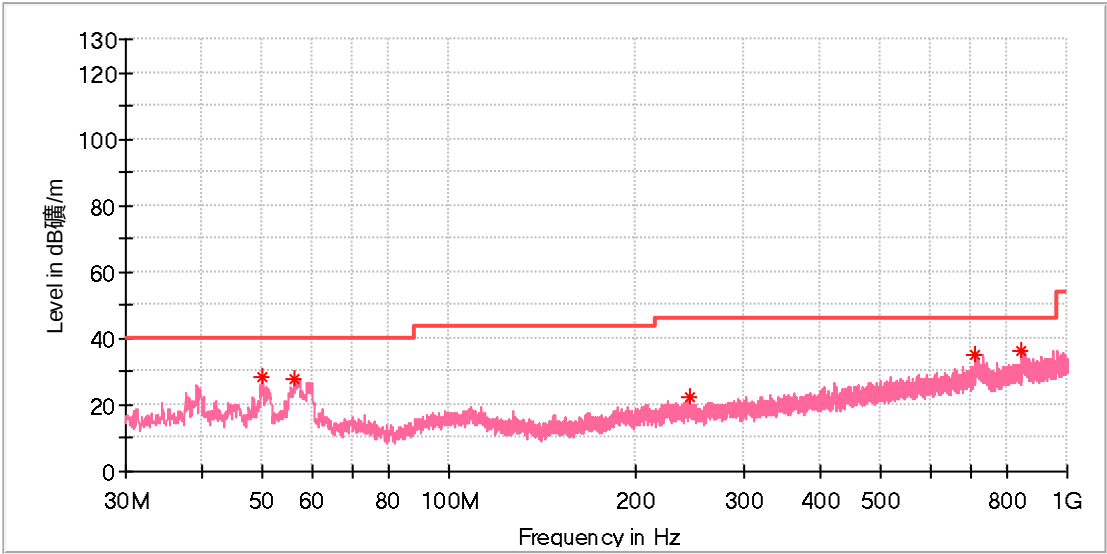
Battery

Temp 24 Humi:45%

FCC 15.249

Kei Zhang

Terry Yin



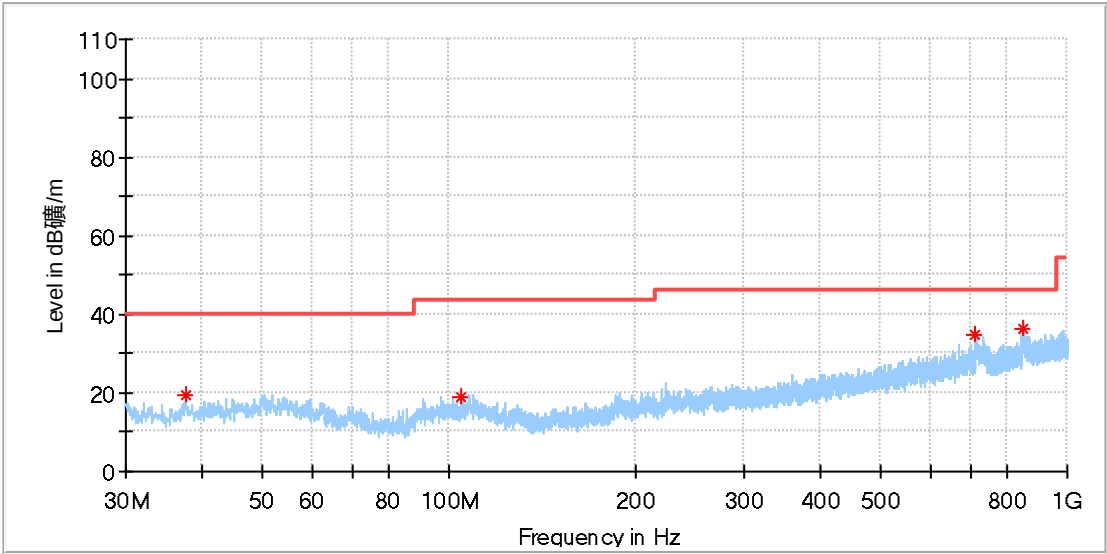
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	28.53	---	40.00	11.47	100.0	V	309.0	-18.6
56.141500	27.98	---	40.00	12.02	100.0	V	263.0	-18.9
244.806500	22.42	---	46.00	23.58	100.0	V	40.0	-17.9
709.194000	35.11	---	46.00	10.89	100.0	V	0.0	-8.3
844.848500	36.56	---	46.00	9.44	100.0	V	195.0	-6.0

Produkte
Products

EUT Information

EUT Name:	Wireless Mouse
Model:	L530-A
Test Mode:	High channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

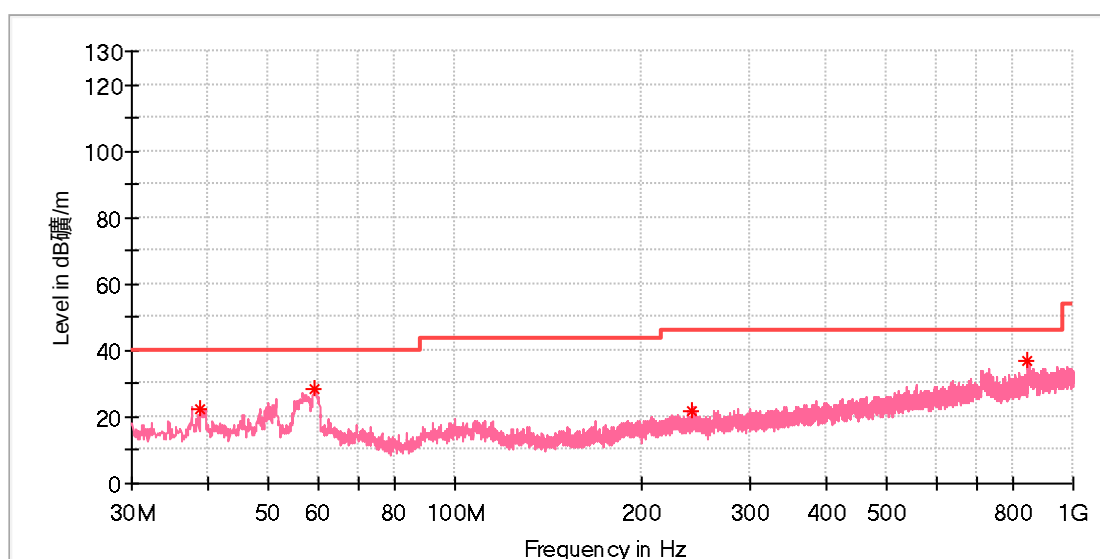


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.469000	19.51	---	40.00	20.49	100.0	H	65.0	-21.3
104.932500	18.73	---	43.50	24.77	100.0	H	260.0	-19.1
709.000000	35.04	---	46.00	10.96	100.0	H	250.0	-8.3
845.867000	36.47	---	46.00	9.53	100.0	H	18.0	-6.0

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: High channel
Test Voltage:: Battery
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

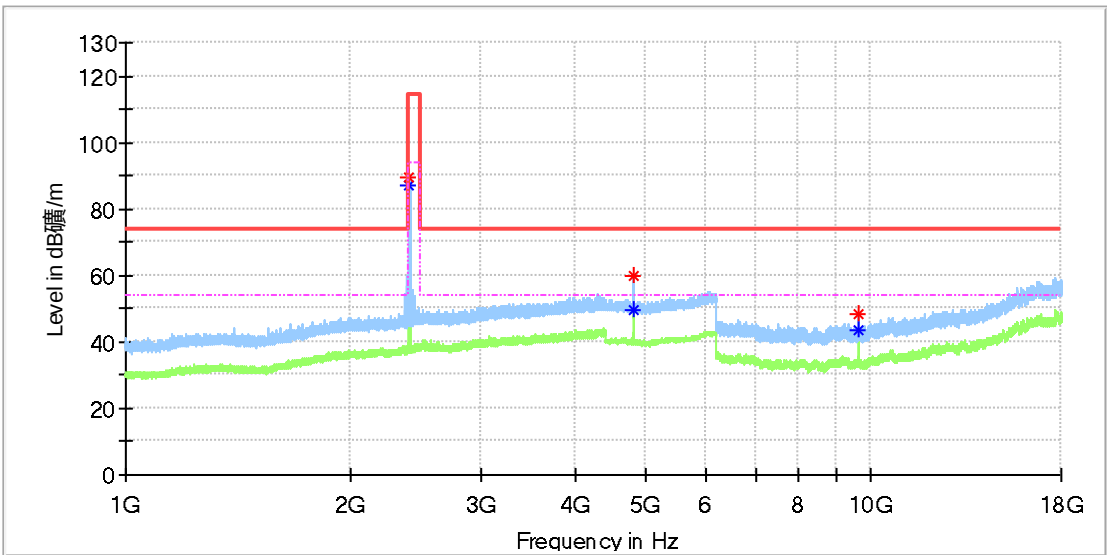
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38.827000	22.48	---	40.00	17.52	100.0	V	72.0	-20.8
59.148500	28.61	---	40.00	11.39	100.0	V	0.0	-19.2
241.217500	21.72	---	46.00	24.28	100.0	V	0.0	-18.0
845.139500	36.65	---	46.00	9.35	100.0	V	0.0	-6.0

Produkte
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1GHz - 18GHz

EUT Information

EUT Name:	Wireless Mouse
Model:	L530-A
Test Mode:	Low channel
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



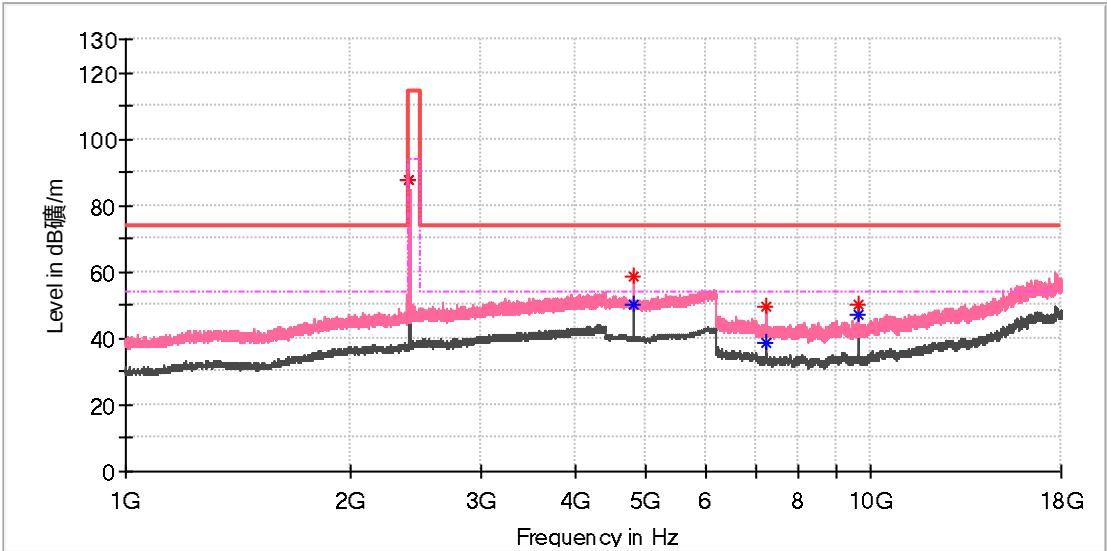
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2404.200000	89.77	---	114.00	24.23	100.0	H	306.0	7.0
2404.412500	---	86.79	94.00	7.21	100.0	H	306.0	7.0
4809.500000	60.14	---	74.00	13.86	100.0	H	87.0	13.6
4810.000000	---	49.38	54.00	4.62	100.0	H	87.0	13.6
9617.083333	48.54	---	74.00	25.46	100.0	H	335.0	10.4
9617.083333	---	43.58	54.00	10.42	100.0	H	335.0	10.4

Produkte
Products

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: Low channel
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin

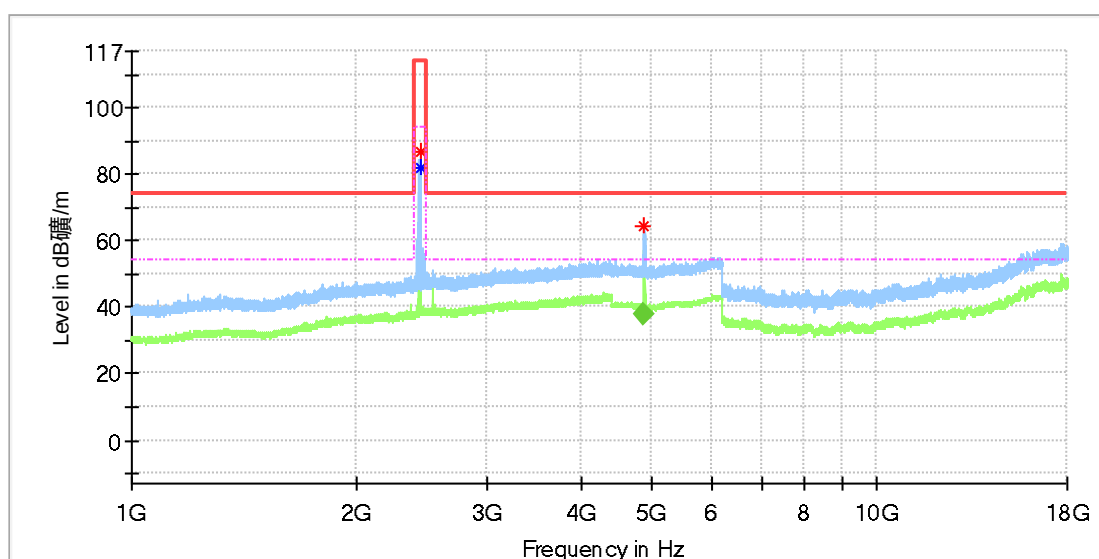


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2404.412500	---	87.79	94.00	6.21	100.0	V	0.0	7.0
2404.412500	87.87	---	114.00	26.13	100.0	V	0.0	7.0
4808.500000	58.80	---	74.00	15.20	100.0	V	38.0	13.6
4808.500000	---	50.27	54.00	3.73	100.0	V	38.0	13.6
7213.816667	---	38.58	54.00	15.42	100.0	V	122.0	8.7
7215.291667	49.68	---	74.00	24.32	100.0	V	122.0	8.7
9619.541667	50.45	---	74.00	23.55	100.0	V	150.0	10.4
9619.541667	---	47.44	54.00	6.56	100.0	V	150.0	10.4

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: Mid channel
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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)
2438.837500	---	82.07	94.00	11.93	100.0	H	324.0	7.4
2443.512500	86.66	---	114.00	27.34	100.0	H	176.0	7.4
4878.000000	64.49	---	74.00	9.51	100.0	H	17.0	13.4

Final_Result

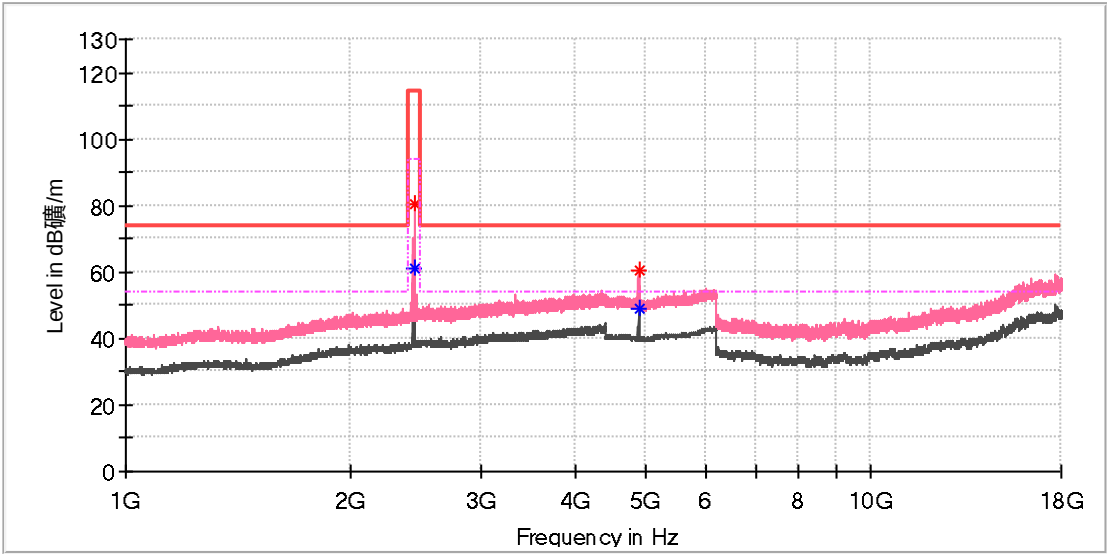
Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.633333	---	38.06	54.00	15.94	100.0	H	62.0	13.4

Produkte
Products

EUT Information

EUT Name:
Model:
Test Mode:
Test Voltage::
Remark:
Test Standard:
Tested By:
Reviewed By:

Wireless Mouse
L530-A
Mid channel
Battery
Temp 22 Humi:52%
FCC 15.249
Kei Zhang
Terry Yin

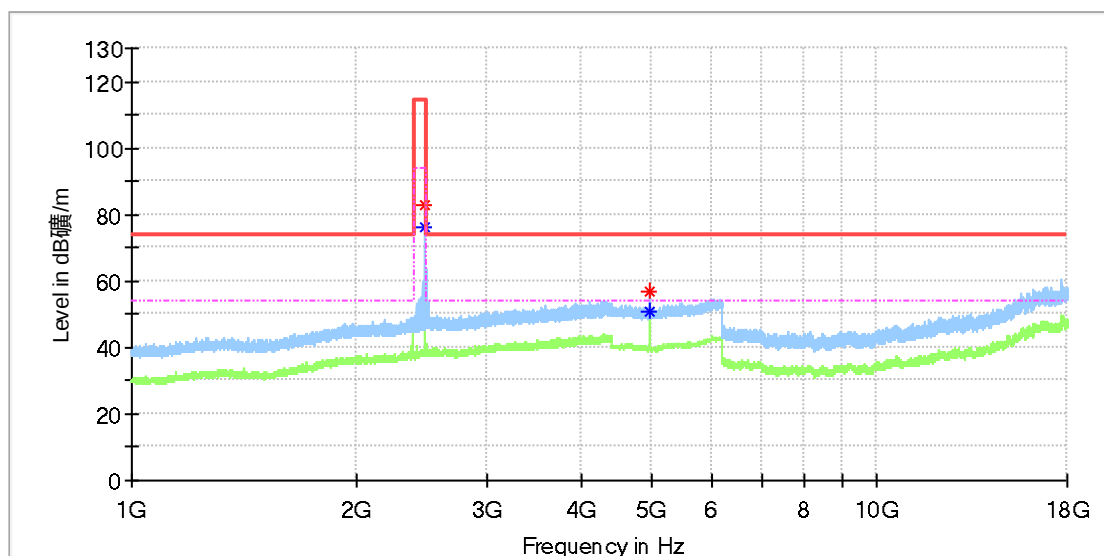


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2443.937500	---	60.83	94.00	33.17	100.0	V	128.0	7.4
2443.937500	80.25	---	114.00	33.75	100.0	V	128.0	7.4
4878.500000	60.24	---	74.00	13.76	100.0	V	349.0	13.4
4878.500000	---	48.96	54.00	5.04	100.0	V	349.0	13.4

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: High channel
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin

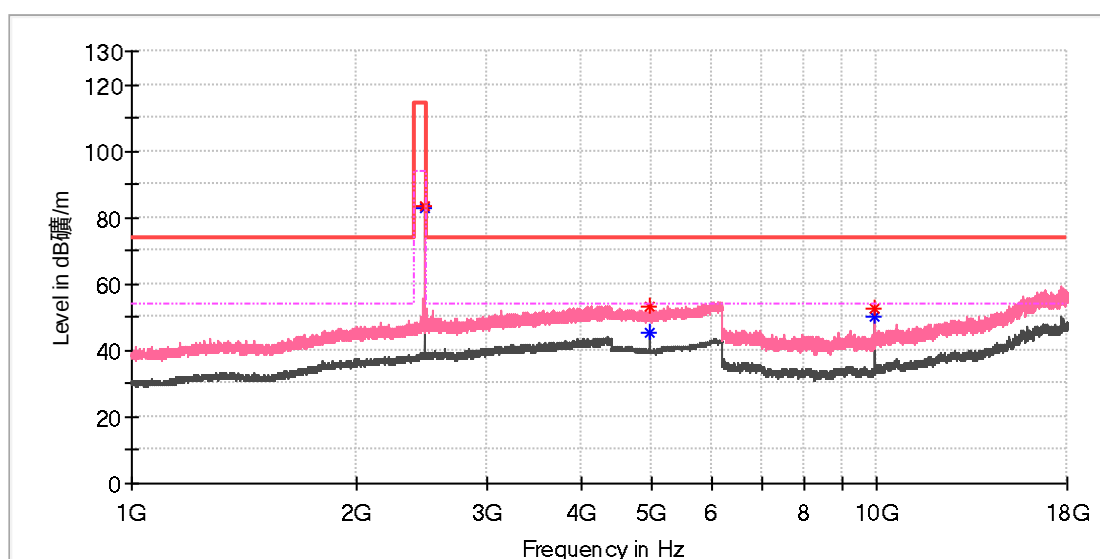


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2473.262500	---	76.02	94.00	17.98	100.0	H	0.0	7.4
2473.475000	82.69	---	114.00	31.31	100.0	H	0.0	7.4
4950.500000	56.83	---	74.00	17.17	100.0	H	39.0	13.2
4950.500000	---	51.00	54.00	3.00	100.0	H	39.0	13.2

EUT Information

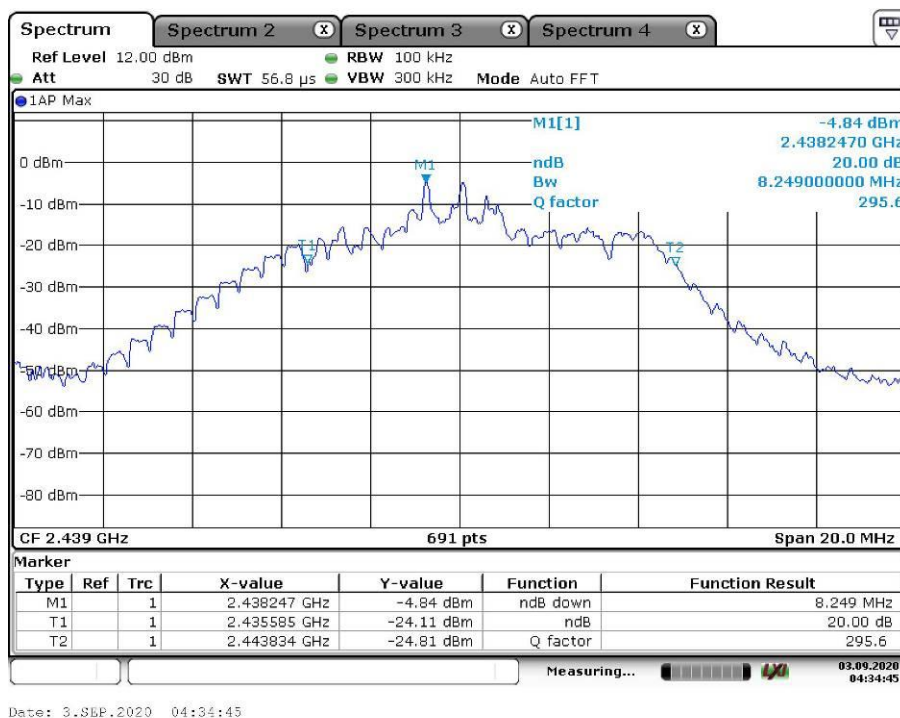
EUT Name: Wireless Mouse
Model: L530-A
Test Mode: High channel
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin

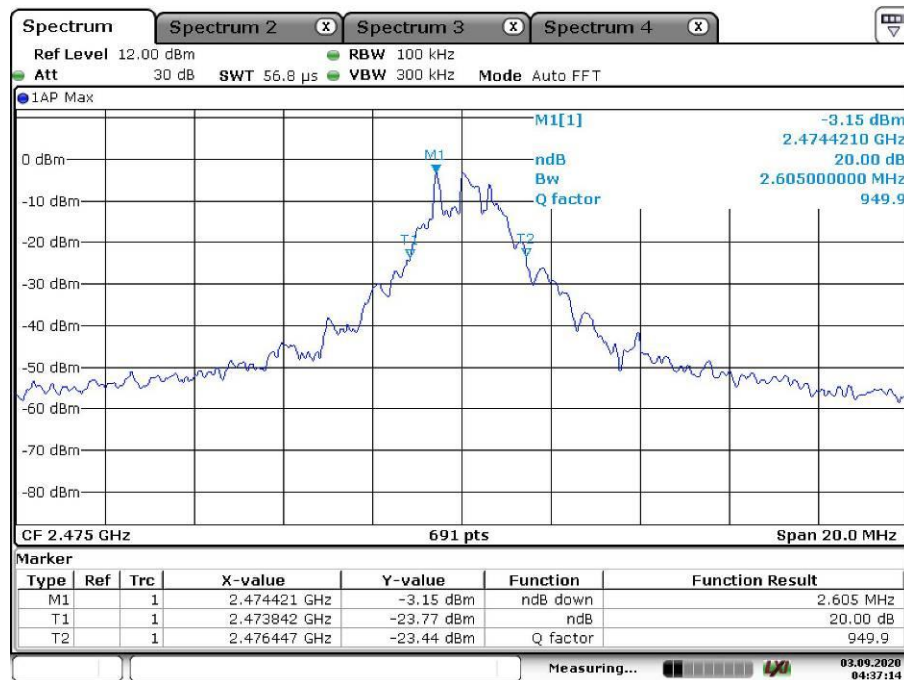


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2474.750000	---	82.62	94.00	11.38	100.0	V	0.0	7.4
2474.962500	83.46	---	114.00	30.54	100.0	V	0.0	7.4
4950.500000	53.33	---	74.00	20.67	100.0	V	223.0	13.2
4950.500000	---	45.36	54.00	8.64	100.0	V	223.0	13.2
9897.825000	---	50.15	54.00	3.85	100.0	V	238.0	10.8
9898.316667	52.51	---	74.00	21.49	100.0	V	238.0	10.8

Appendix B.2: Test Results of 20dB Bandwidth

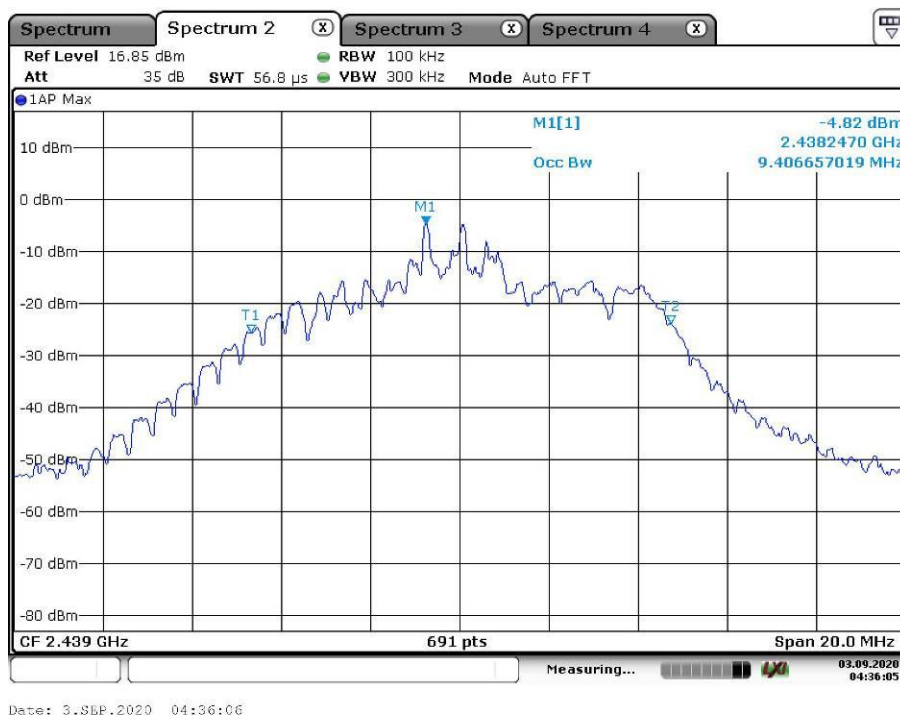




Date: 3.SEP.2020 04:37:15

Appendix B.3: Test Results of 99% Bandwidth

Note: for refer purpose.



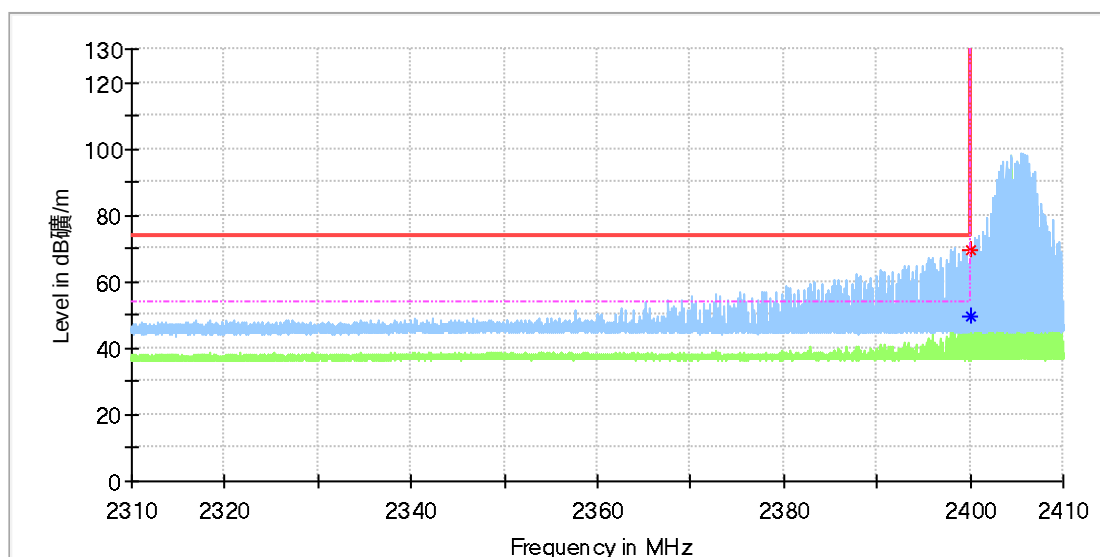


Date: 3.SEP.2020 04:36:42

Appendix B.4: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: Low channel
Test Voltage: Battery
Remark: Temp 22 Humi: 52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin

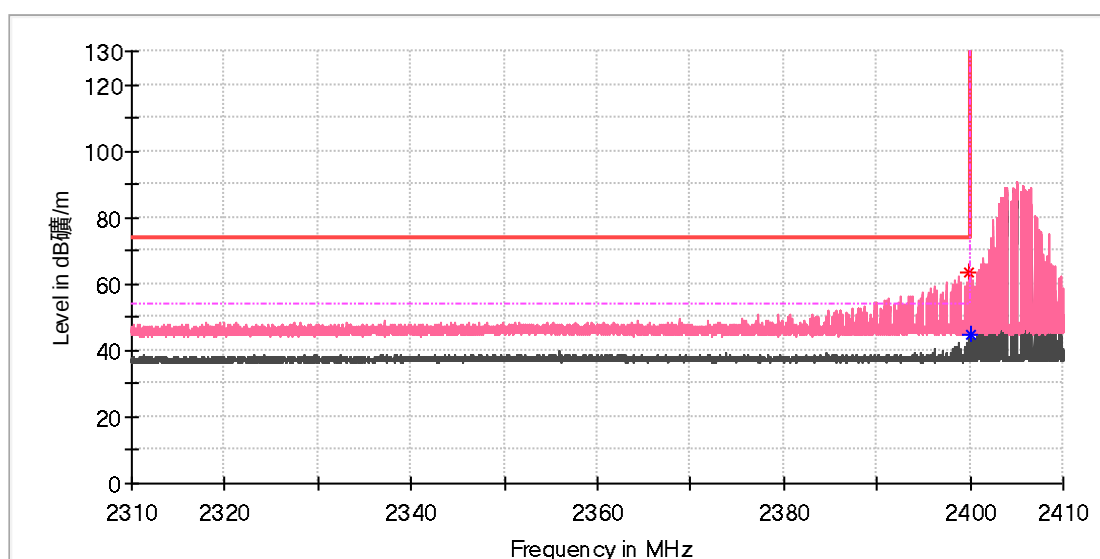


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2399.987500	---	49.39	54.00	4.61	100.0	H	151.0	7.0
2399.987500	69.84	---	74.00	4.16	100.0	H	151.0	7.0

EUT Information

EUT Name: Wireless Mouse
 Model: L530-A
 Test Mode: Low channel
 Test Voltage:: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

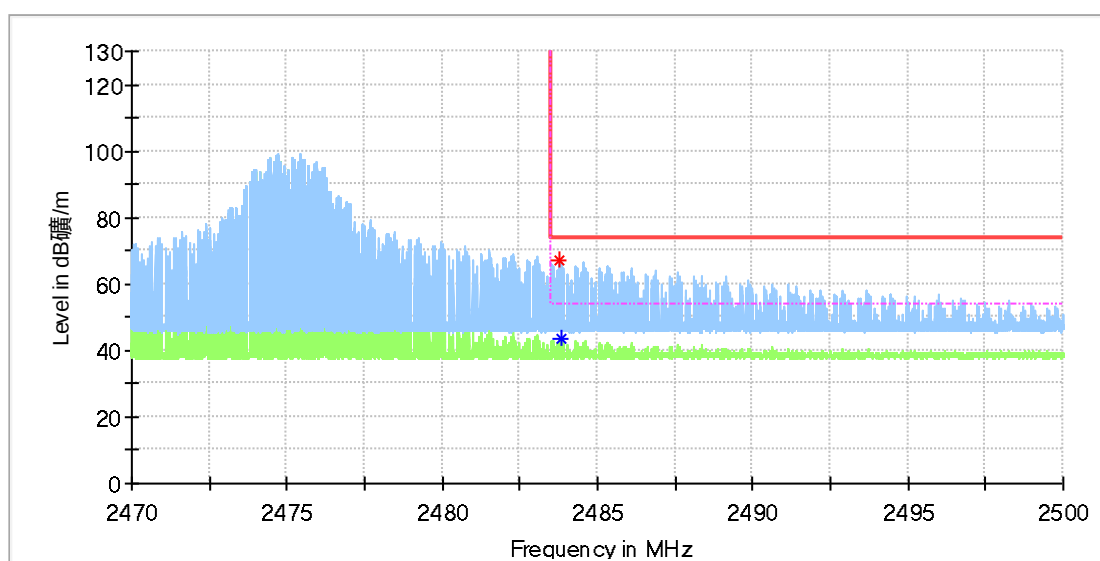


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2399.968750	63.38	---	74.00	10.62	100.0	V	185.0	7.0
2399.981250	---	44.58	54.00	9.42	100.0	V	0.0	7.0

EUT Information

EUT Name: Wireless Mouse
 Model: L530-A
 Test Mode: High channel
 Test Voltage:: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

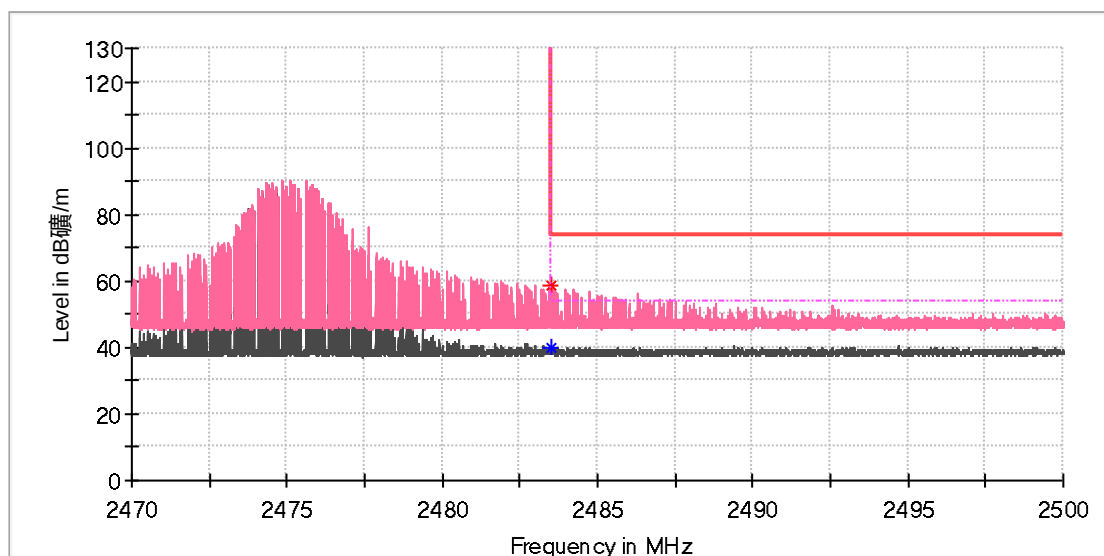


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.790625	67.04	---	74.00	6.96	100.0	H	141.0	7.4
2483.807500	---	43.55	54.00	10.45	100.0	H	127.0	7.4

EUT Information

EUT Name: Wireless Mouse
Model: L530-A
Test Mode: High channel
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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)
2483.524375	---	40.14	54.00	13.86	100.0	V	227.0	7.4
2483.524375	58.37	---	74.00	15.63	100.0	V	227.0	7.4