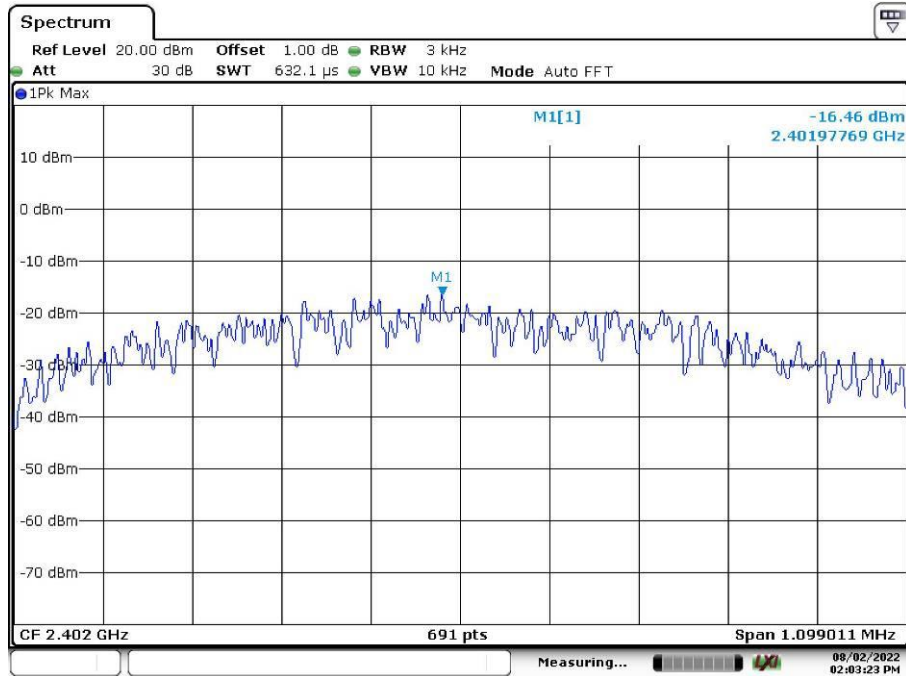


Appendix B: Test Results of Bluetooth LE & Conducted Emission

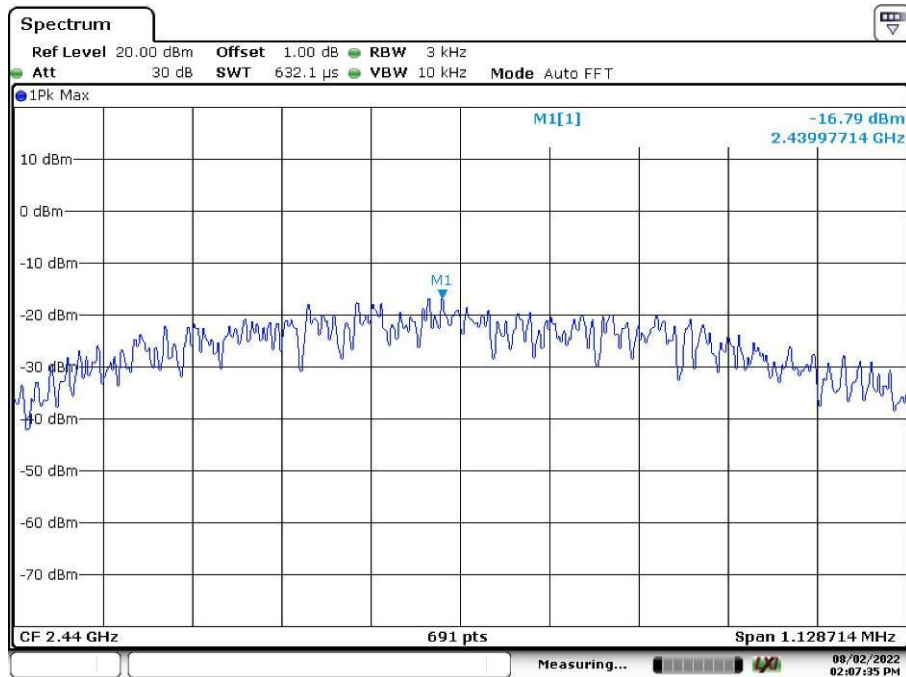
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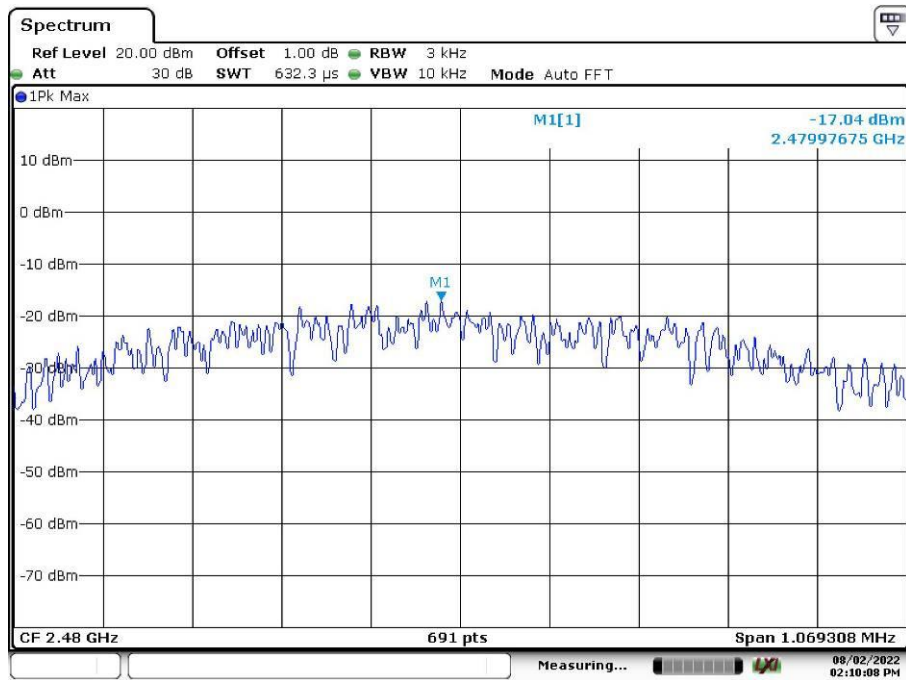
Bluetooth LE Mode, 1Mbps



Date: 2.AUG.2022 14:03:23

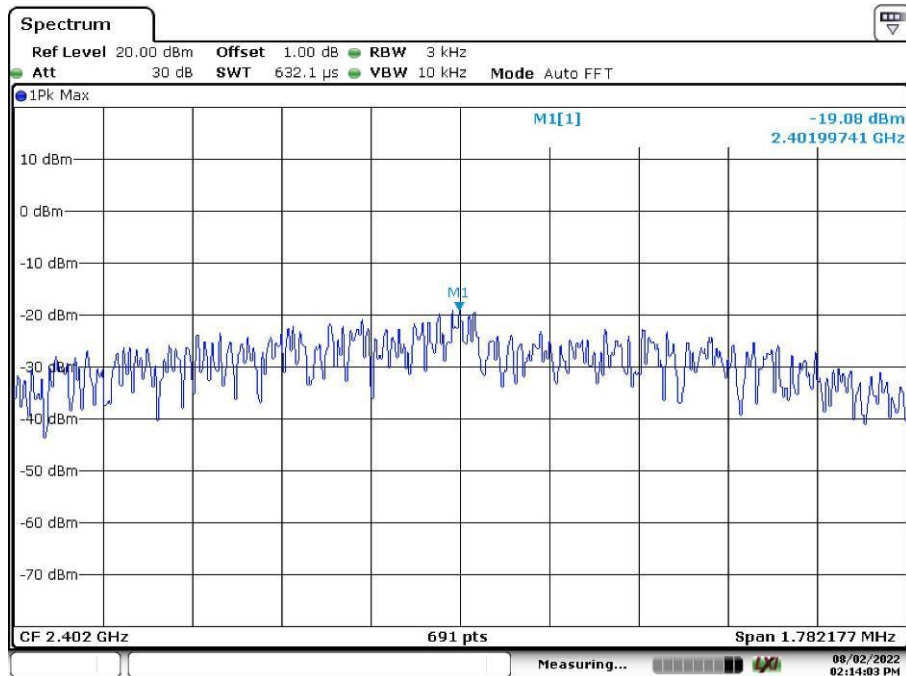


Date: 2.AUG.2022 14:07:35

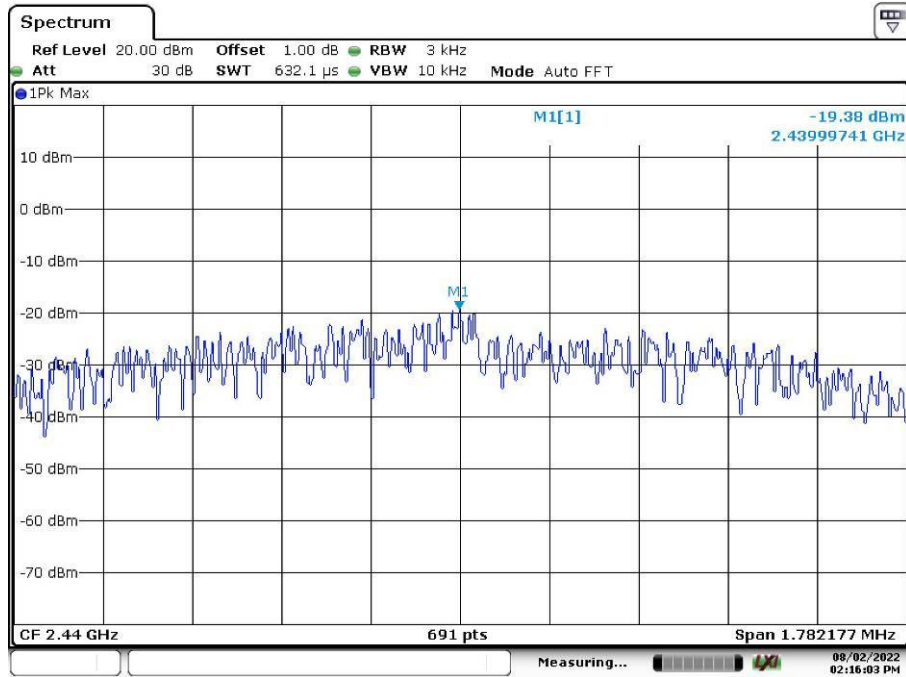


Date: 2.AUG.2022 14:10:07

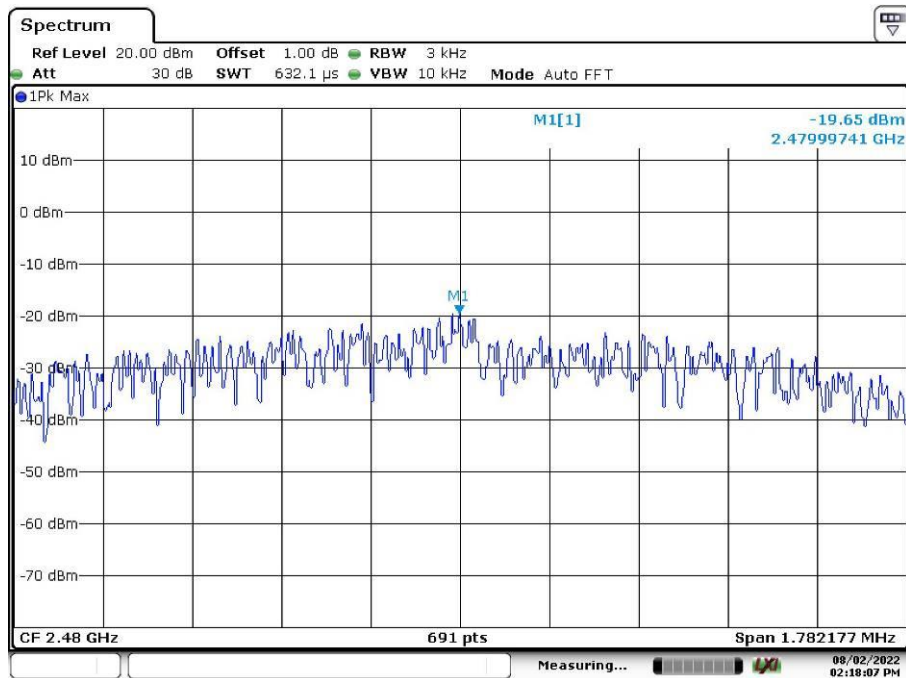
Bluetooth LE Mode, 2Mbps



Date: 2.AUG.2022 14:14:03



Date: 2.AUG.2022 14:16:03



Date: 2.AUG.2022 14:18:07

Appendix B.2: Test Results of 6dB Bandwidth

Bluetooth LE Mode, 1Mbps

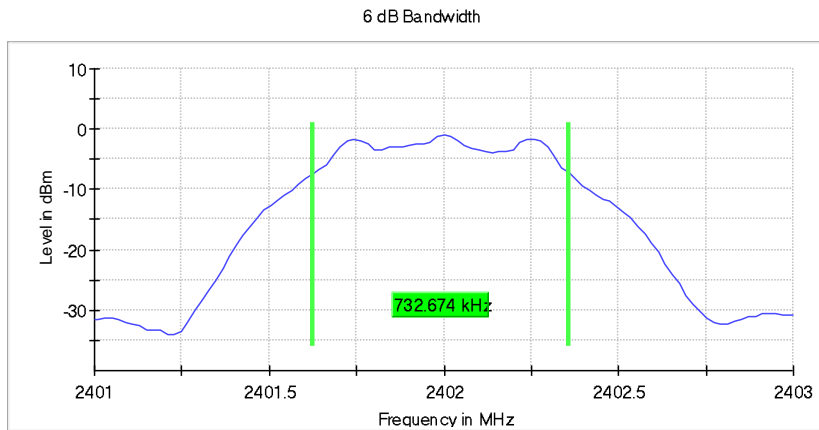
Minimum Emission Bandwidth 6 dB (2402 MHz; 10.000 dBm; 1 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.732674	0.500000	---	2401.623762	2402.356436

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-1.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
SweepTime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.08 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2440 MHz; 10.000 dBm; 1 MHz)

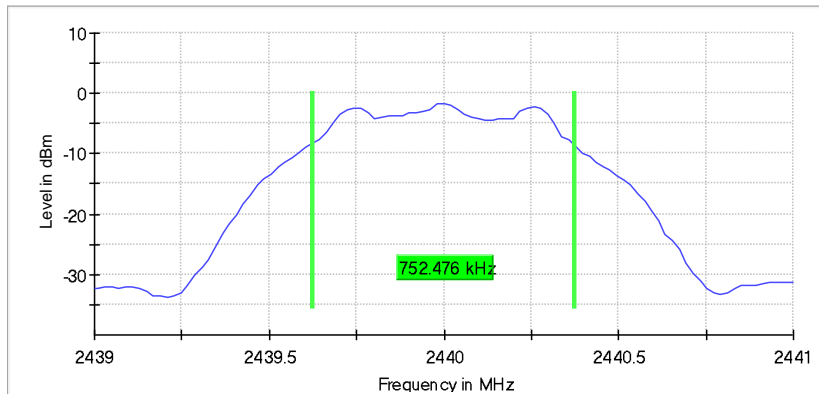
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.752476	0.500000	---	2439.623762	2440.376238

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-1.6	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
SweepTime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.05 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2480 MHz; 10.000 dBm; 1 MHz)

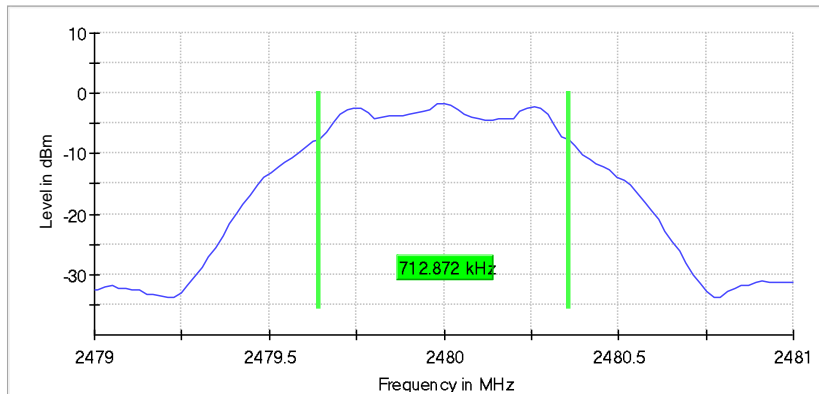
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.712872	0.500000	---	2479.643564	2480.356436

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-1.6	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
SweepTime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.21 dB	0.50 dB

Bluetooth LE Mode, 2Mbps

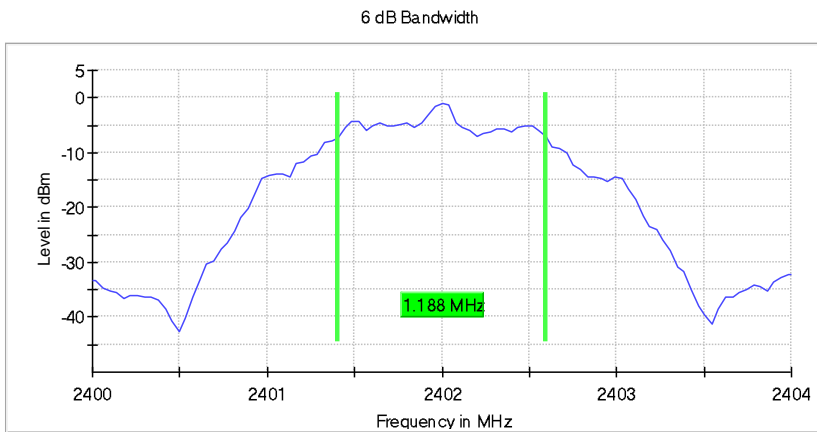
Minimum Emission Bandwidth 6 dB (2402 MHz; 10.000 dBm; 2 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.188118	0.500000	---	2401.405941	2402.594059

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-1.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
SweepTime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	9 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.03 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2440 MHz; 10.000 dBm; 2 MHz)

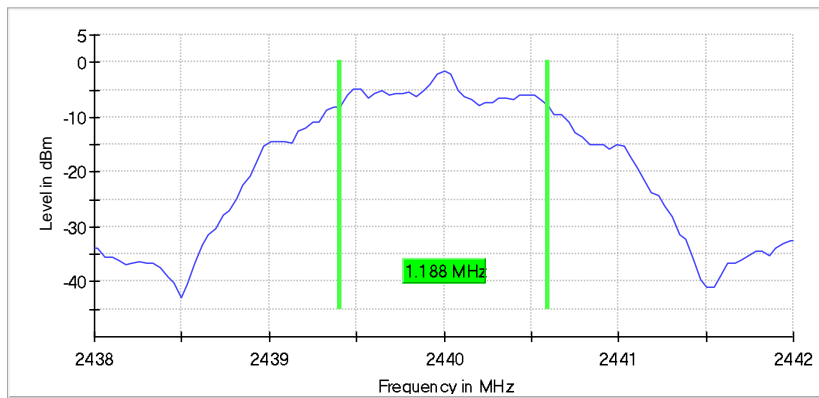
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.188118	0.500000	---	2439.405941	2440.594059

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-1.6	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.44 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2480 MHz; 10.000 dBm; 2 MHz)

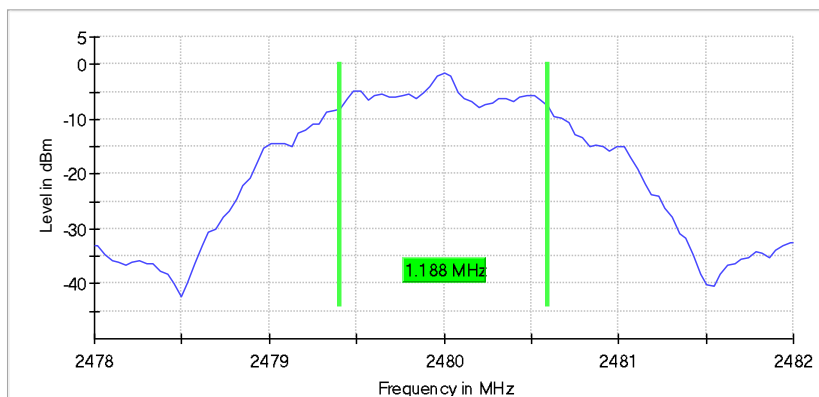
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.188118	0.500000	---	2479.405941	2480.594059

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-1.6	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	13 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.17 dB	0.50 dB

Appendix B.3: Test Results of 99% Bandwidth

Bluetooth LE Mode, 1Mbps

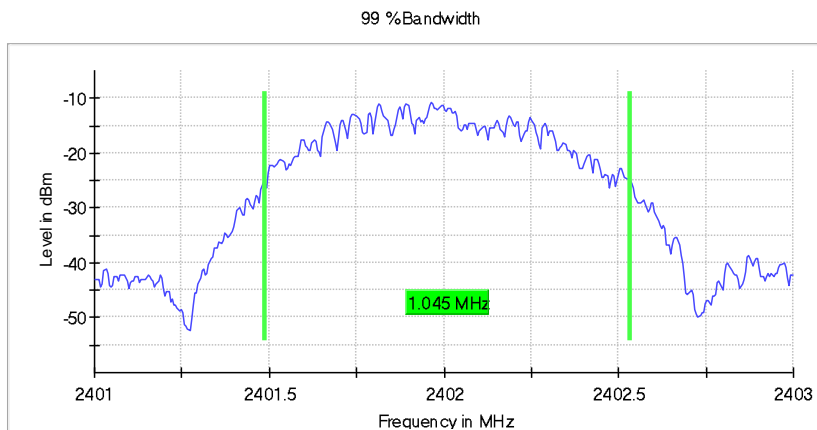
Occupied Channel Bandwidth 99% (2402 MHz; 10.000 dBm; 1 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.045000	---	---	2401.487500	2402.532500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.21 dB	0.30 dB

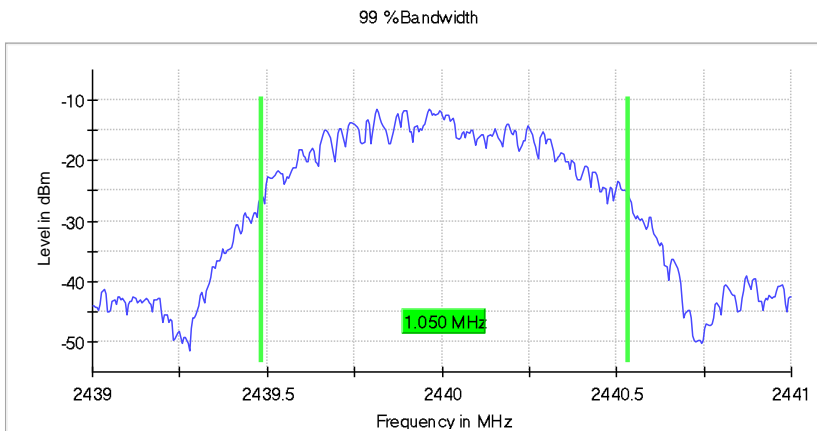
Occupied Channel Bandwidth 99% (2440 MHz; 10.000 dBm; 1 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.050000	---	---	2439.482500	2440.532500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2440.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.30 dB

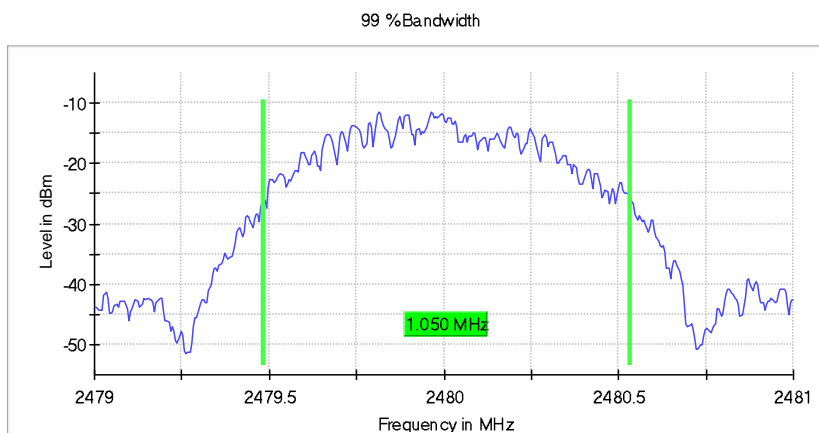
Occupied Channel Bandwidth 99% (2480 MHz; 10.000 dBm; 1 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.050000	---	---	2479.482500	2480.532500

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
Sweeptime	189.648 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

Bluetooth LE Mode, 2Mbps

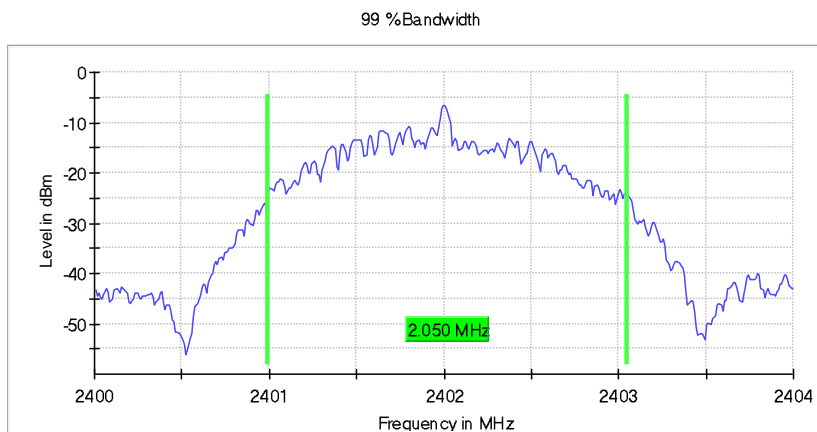
Occupied Channel Bandwidth 99% (2402 MHz; 10.000 dBm; 2 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	2.050000	---	---	2400.995000	2403.045000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
SweepTime	94.824 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.26 dB	0.30 dB

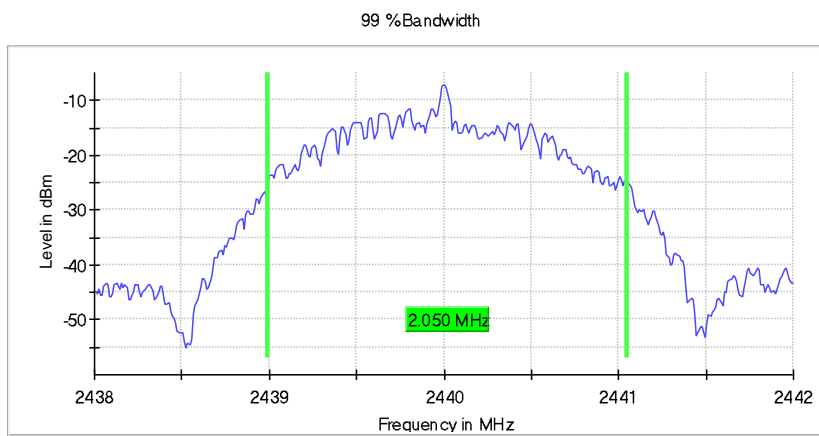
Occupied Channel Bandwidth 99% (2440 MHz; 10.000 dBm; 2 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	2.050000	---	---	2438.995000	2441.045000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2440.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.17 dB	0.30 dB

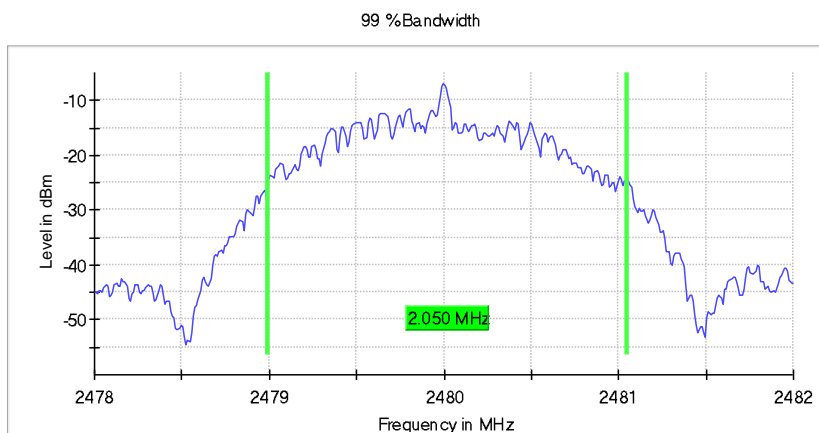
Occupied Channel Bandwidth 99% (2480 MHz; 10.000 dBm; 2 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	2.050000	---	---	2478.995000	2481.045000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.30 dB

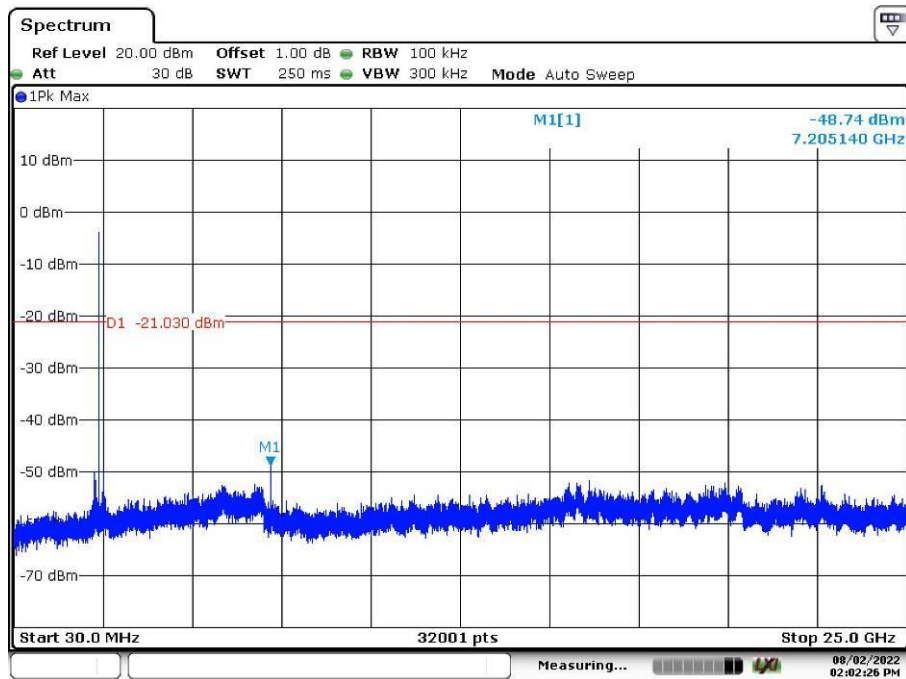
Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bluetooth LE Mode, 1Mbps

Low Channel:



Date: 2.AUG.2022 13:52:12

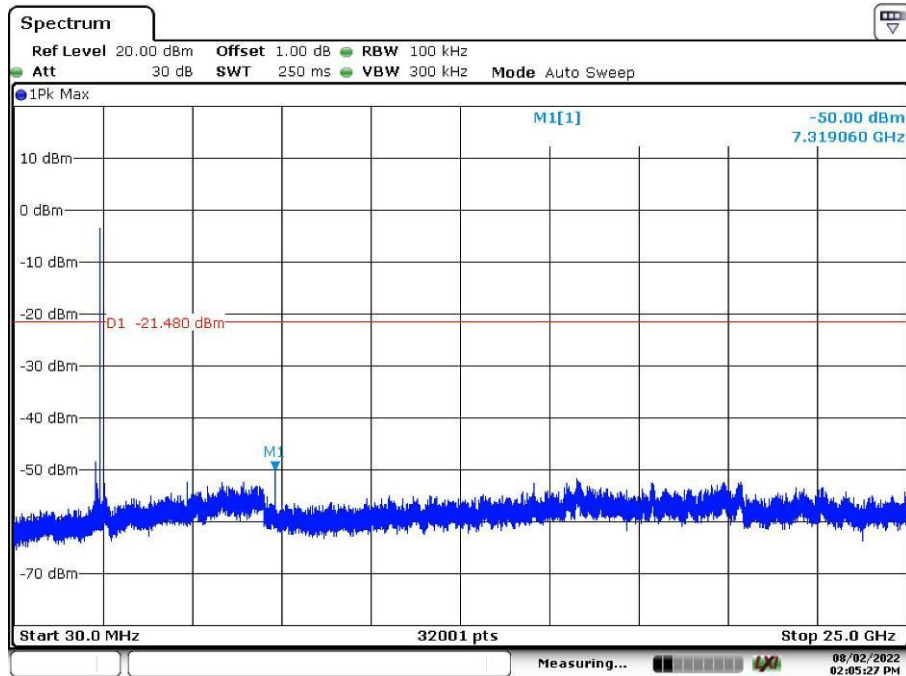


Date: 2.AUG.2022 14:02:26

Middle Channel:



Date: 2.AUG.2022 14:04:31

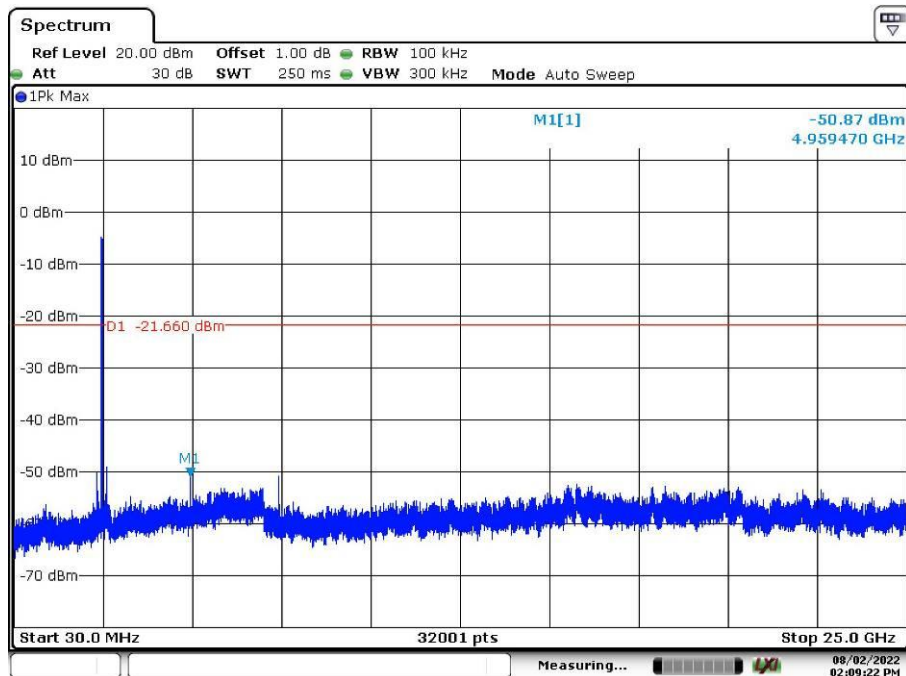


Date: 2.AUG.2022 14:05:27

High Channel:

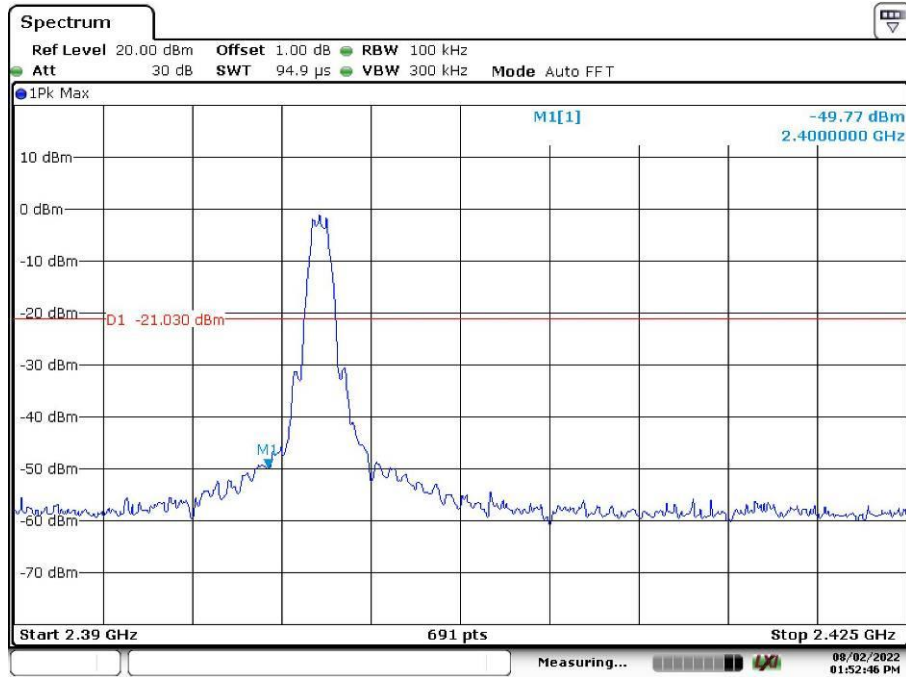


Date: 2.AUG.2022 14:08:36



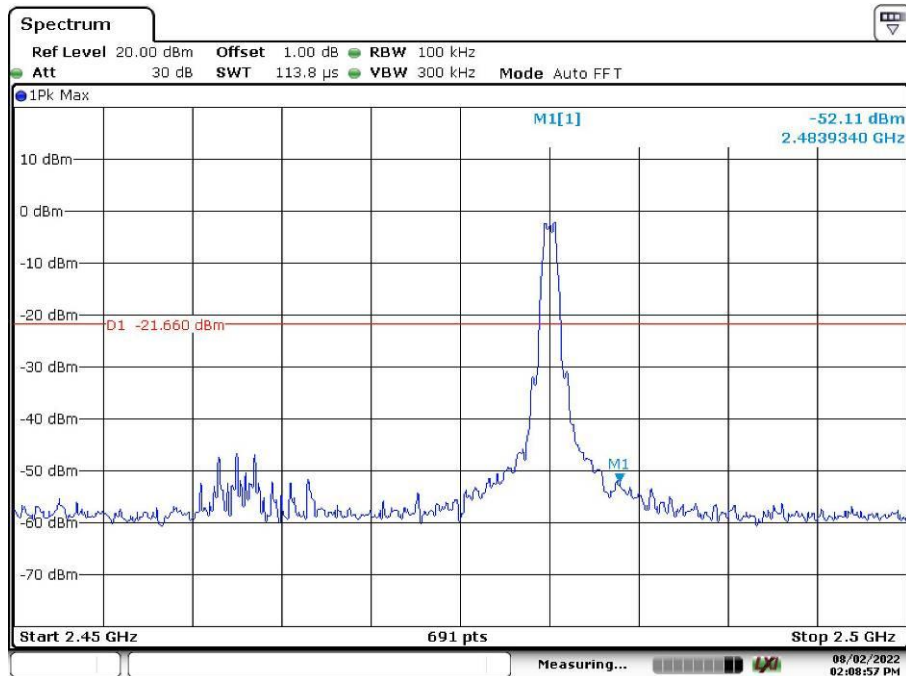
Date: 2.AUG.2022 14:09:21

Band Edge, Low Channel:



Date: 2.AUG.2022 13:52:47

Band Edge, High Channel:



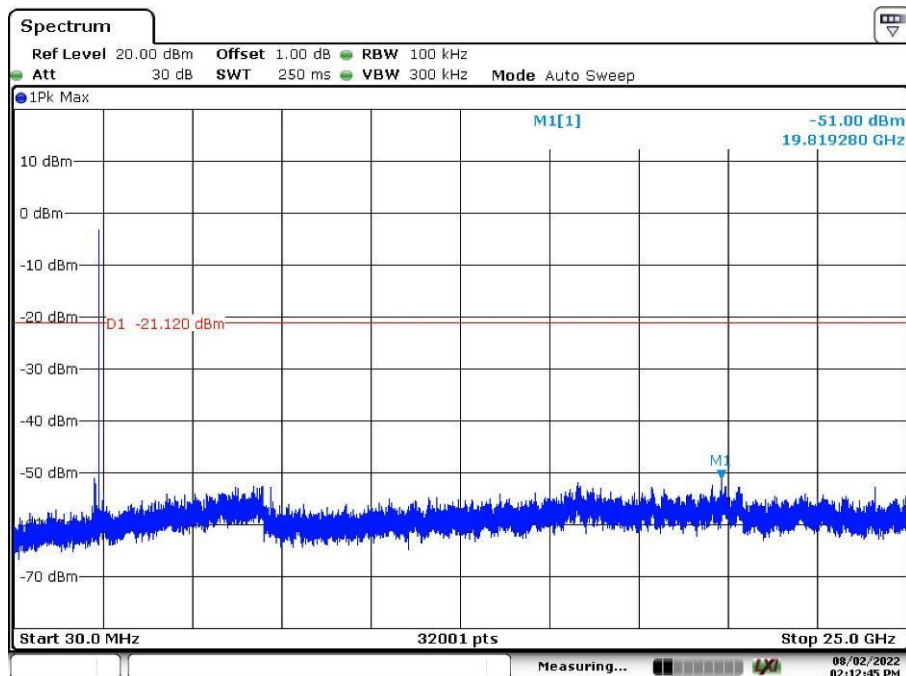
Date: 2.AUG.2022 14:08:57

Bluetooth LE Mode, 2Mbps

Low Channel:

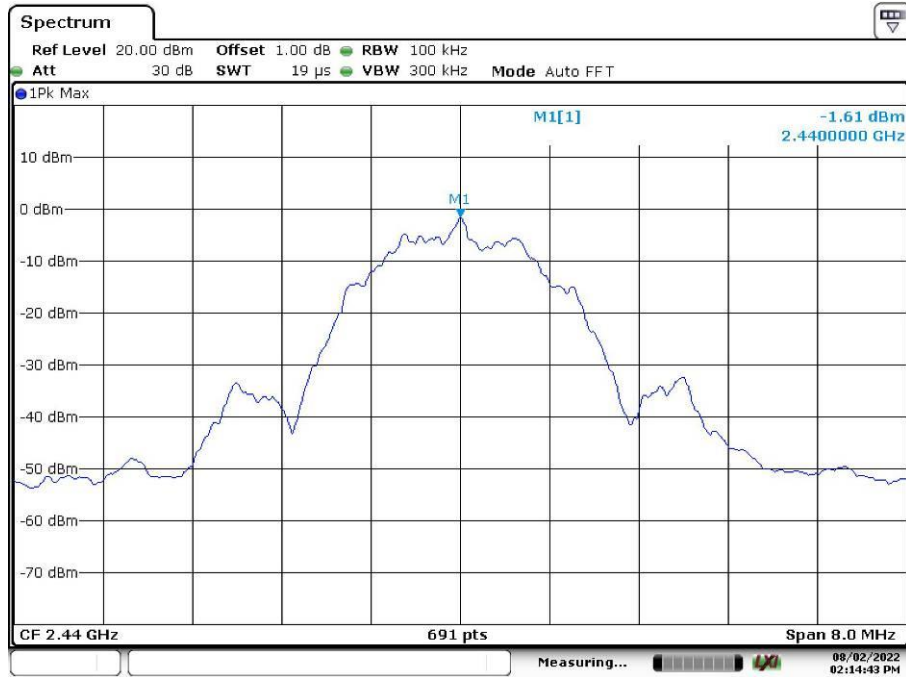


Date: 2.AUG.2022 14:12:05

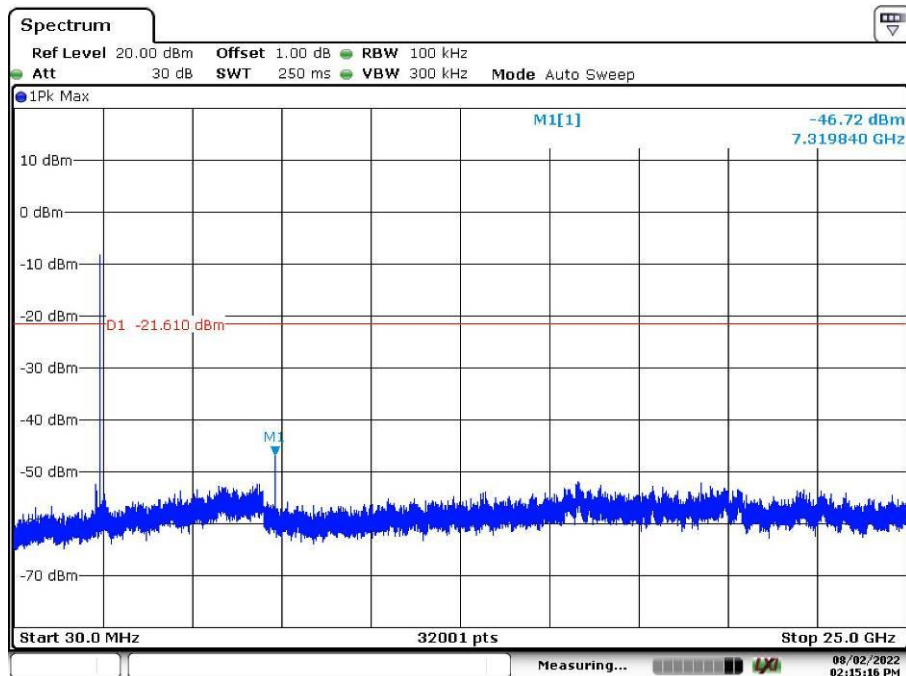


Date: 2.AUG.2022 14:12:45

Middle Channel:



Date: 2.AUG.2022 14:14:43

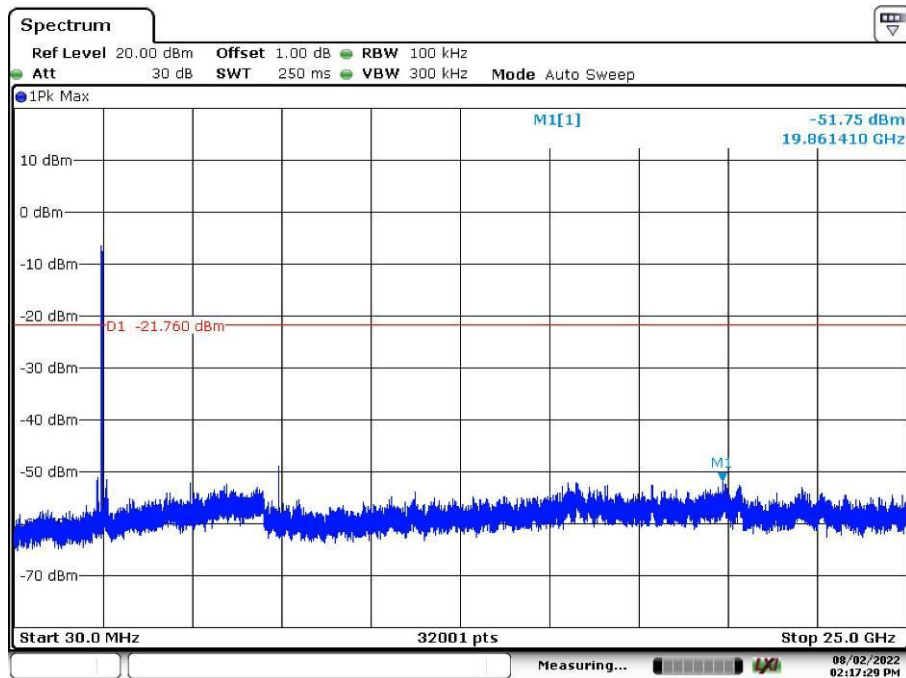


Date: 2.AUG.2022 14:15:16

High Channel:

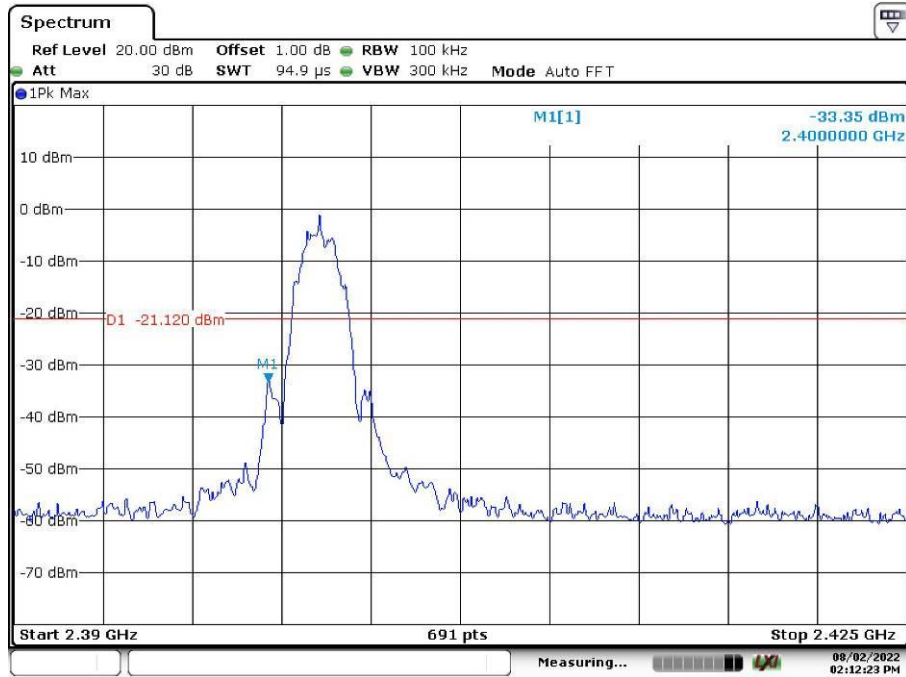


Date: 2.AUG.2022 14:16:43



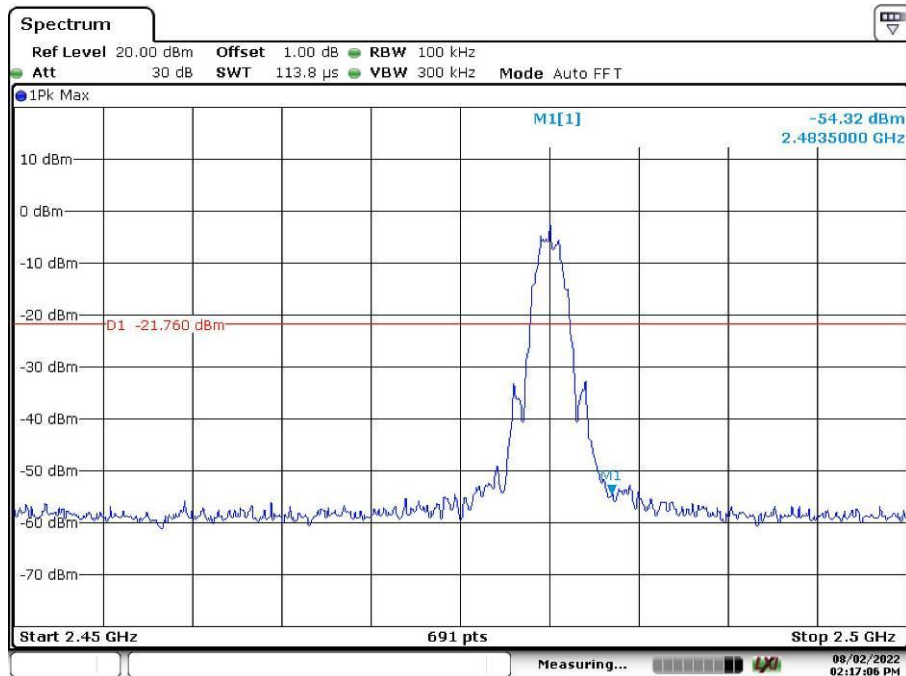
Date: 2.AUG.2022 14:17:29

Band Edge, Low Channel:



Date: 2.AUG.2022 14:12:23

Band Edge, High Channel:



Date: 2.AUG.2022 14:17:06

Appendix B.5: Test Results of Radiated Spurious Emissions

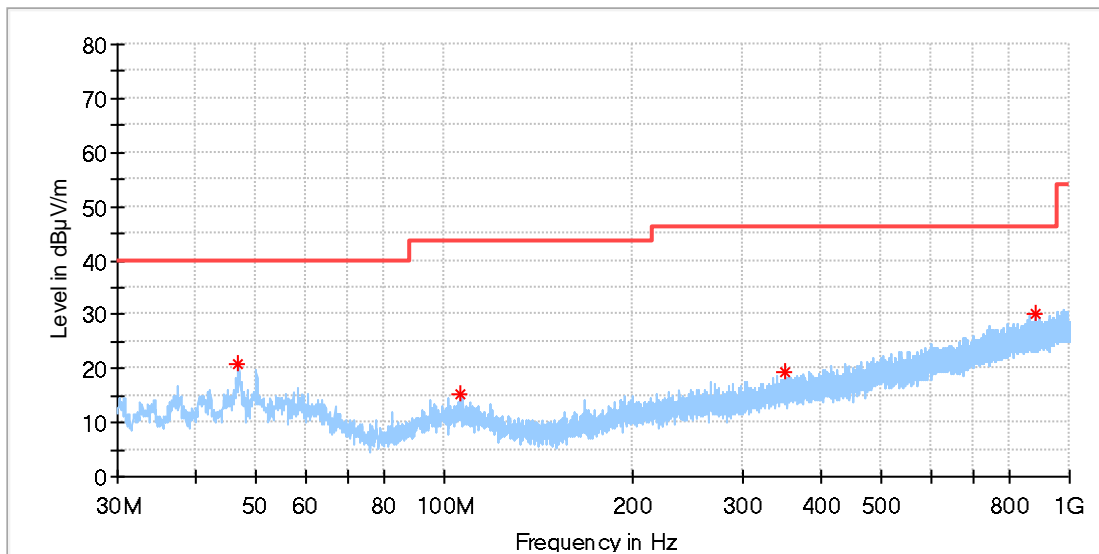
Note:

- 1) This testing was carried out on different modulations, but only the worst case (BLE_1Mbps) was presented in this report.
- 2) 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.

30 MHz - 1GHz

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

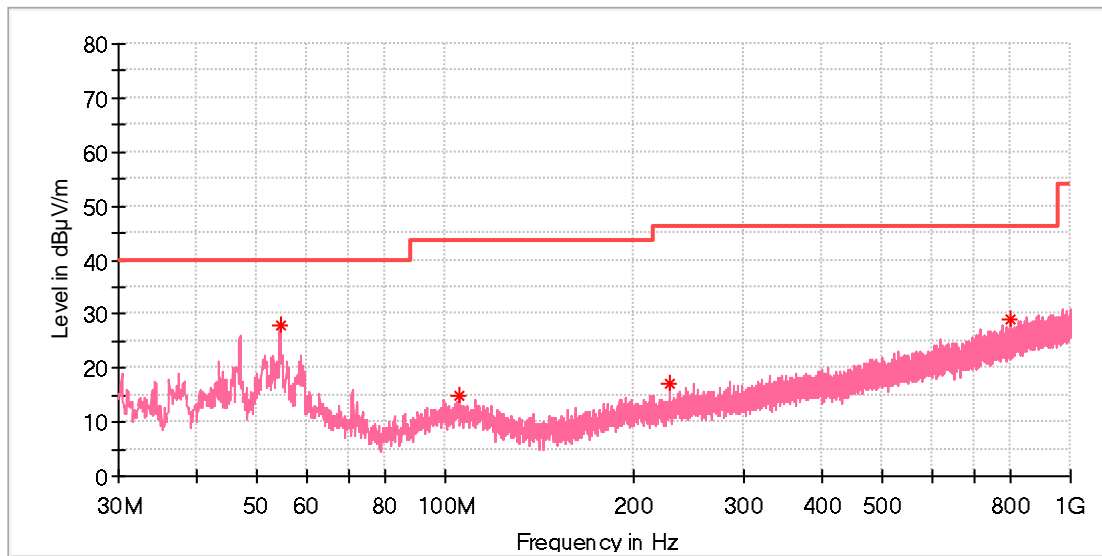


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.878000	20.87	40.00	19.13	100.0	H	154.0	-18.5
105.999500	15.34	43.50	28.16	100.0	H	201.0	-18.8
351.555000	19.41	46.00	26.59	100.0	H	220.0	-14.7
882.290500	30.04	46.00	15.96	100.0	H	86.0	-5.1

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

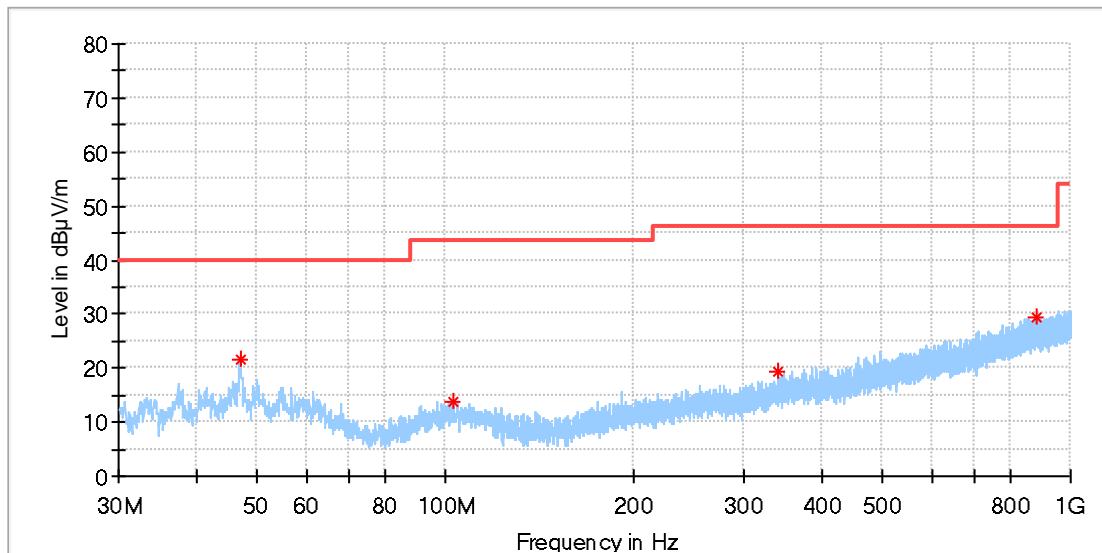


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.395500	27.73	40.00	12.27	100.0	V	291.0	-18.4
104.981000	14.76	43.50	28.74	100.0	V	90.0	-18.7
228.947000	17.12	46.00	28.88	100.0	V	28.0	-18.1
799.113000	28.95	46.00	17.05	100.0	V	132.0	-6.4

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

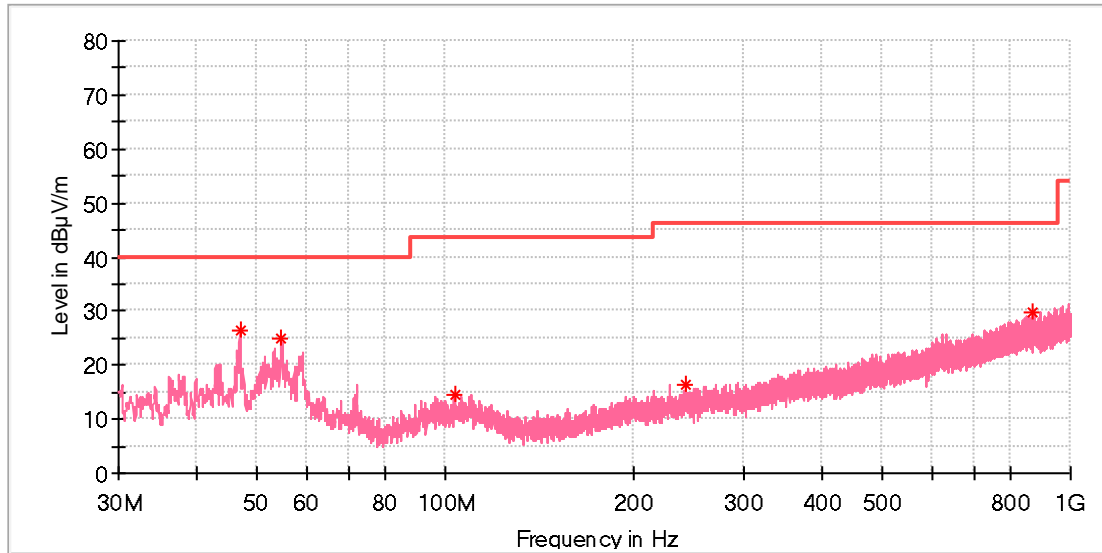


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.072000	21.58	40.00	18.42	100.0	H	5.0	-18.5
102.556000	13.74	43.50	29.76	100.0	H	322.0	-18.9
341.418500	19.27	46.00	26.73	100.0	H	198.0	-14.9
884.230500	29.52	46.00	16.48	100.0	H	245.0	-5.1

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

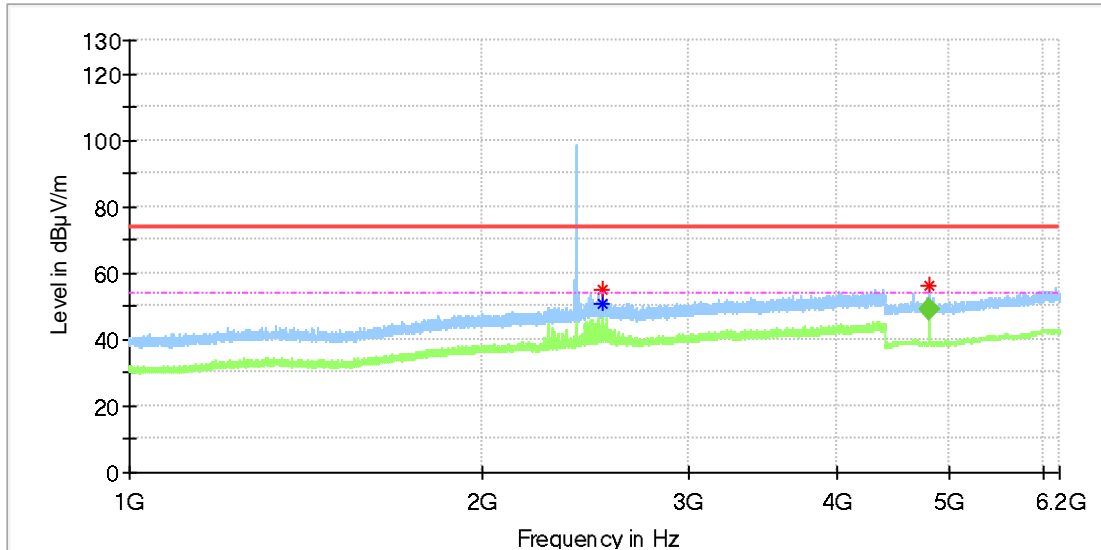
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.975000	26.57	40.00	13.43	100.0	V	89.0	-18.5
54.589500	24.82	40.00	15.18	100.0	V	288.0	-18.4
103.332000	14.59	43.50	28.91	100.0	V	32.0	-18.8
242.963500	16.35	46.00	29.65	100.0	V	296.0	-17.7
868.371000	29.87	46.00	16.13	100.0	V	309.0	-5.3

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

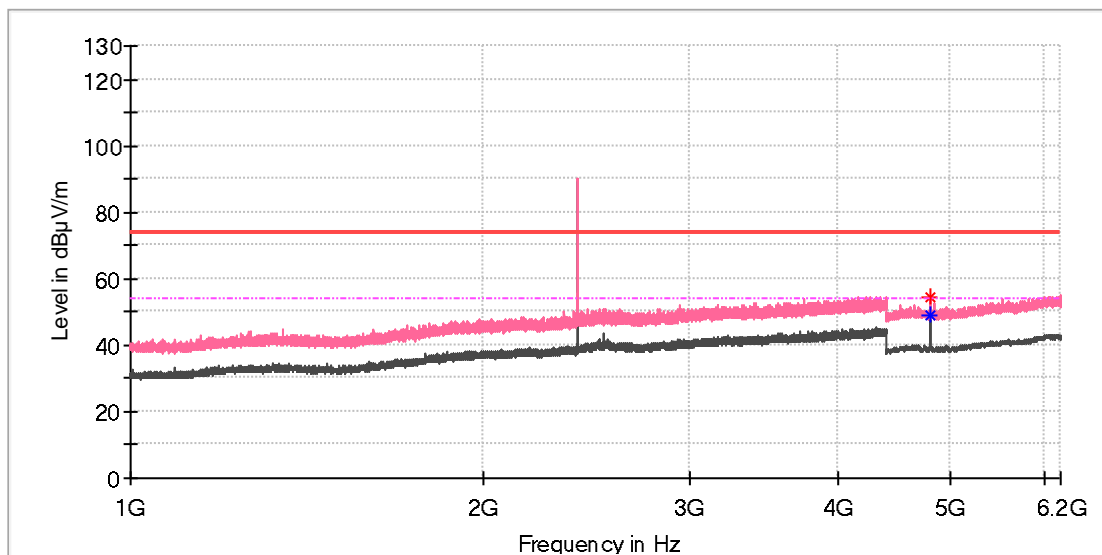
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2529.830000	54.96	---	74.00	19.04	100.0	H	177.0	7.5
2529.830000	---	50.81	54.00	3.19	100.0	H	177.0	7.5
4804.500000	56.37	---	74.00	17.63	100.0	H	266.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.016667	49.27	54.00	4.73	105.0	H	220.0	11.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

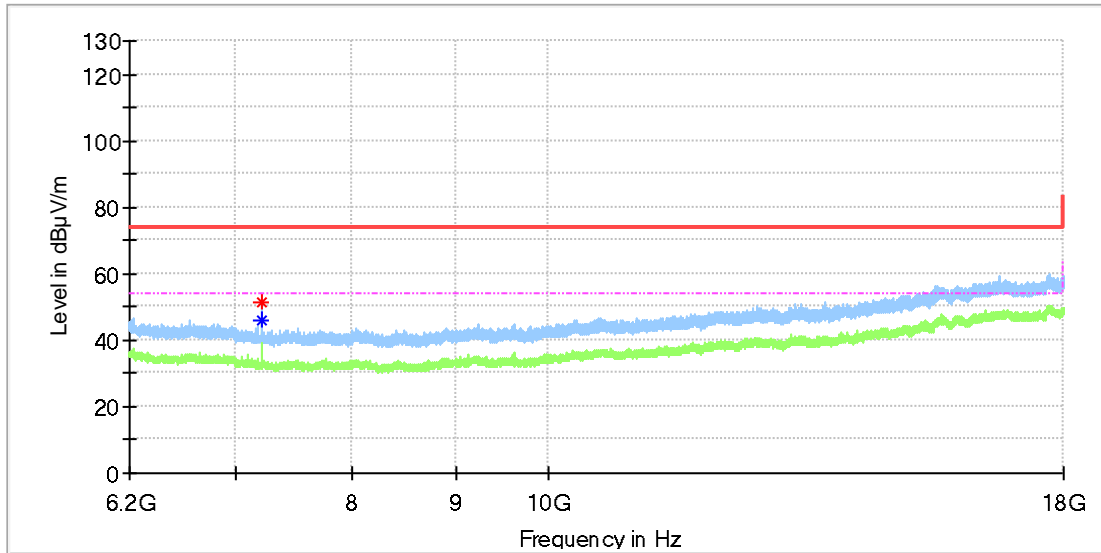


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	54.24	---	74.00	19.76	100.0	V	18.0	11.8
4804.000000	---	49.00	54.00	5.00	100.0	V	18.0	11.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

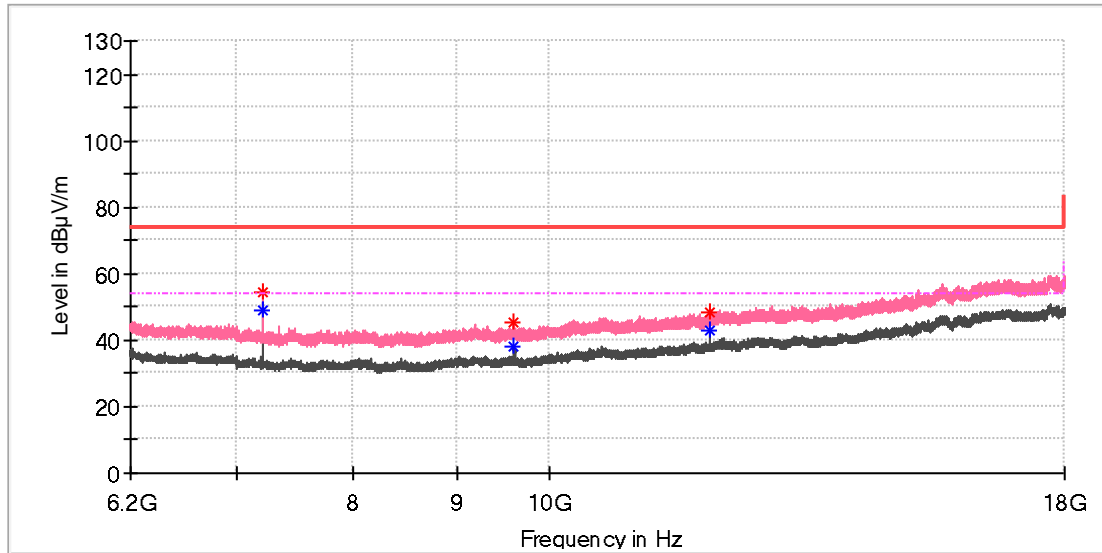


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	---	45.81	54.00	8.19	100.0	H	138.0	8.8
7205.458333	51.70	---	74.00	22.30	100.0	H	138.0	8.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

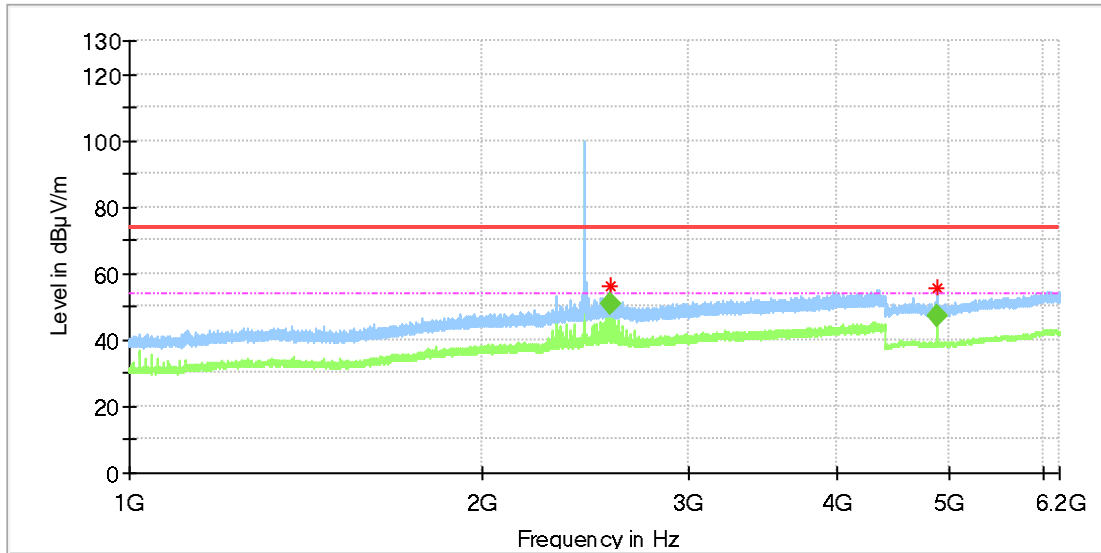


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	54.62	---	74.00	19.38	100.0	V	68.0	8.8
7206.441667	---	48.98	54.00	5.02	100.0	V	252.0	8.8
9606.758333	45.51	---	74.00	28.49	100.0	V	68.0	10.4
9606.758333	---	38.25	54.00	15.75	100.0	V	68.0	10.4
12010.025000	48.54	---	74.00	25.46	100.0	V	165.0	14.0
12010.516667	---	43.17	54.00	10.83	100.0	V	165.0	14.0

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

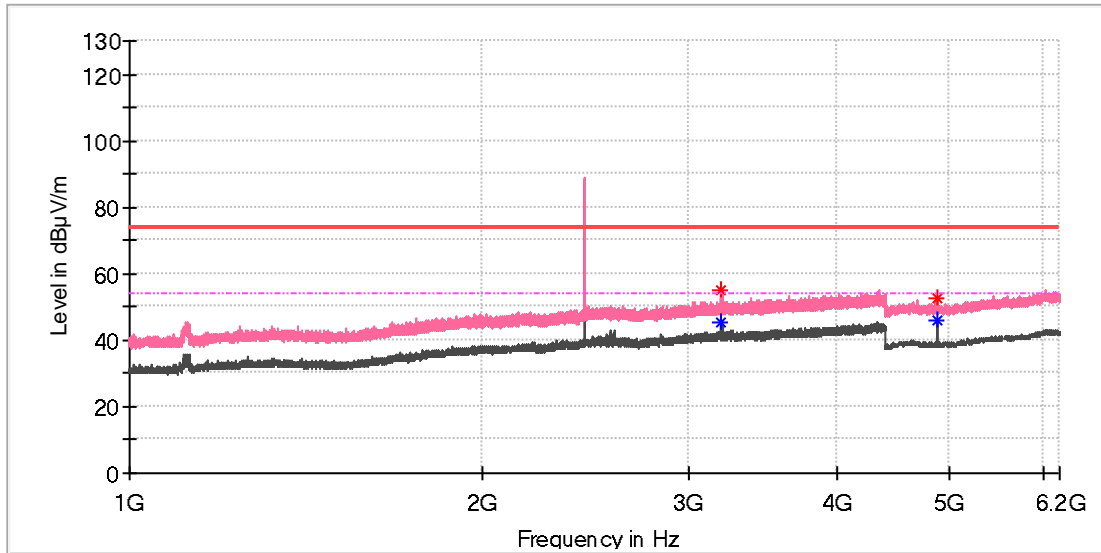
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2568.250000	56.14	---	74.00	17.86	100.0	H	151.0	7.5
4880.000000	55.70	---	74.00	18.30	100.0	H	219.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2567.941000	50.86	54.00	3.14	100.0	H	150.0	7.5
4880.025000	47.31	54.00	6.69	105.0	H	214.0	11.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

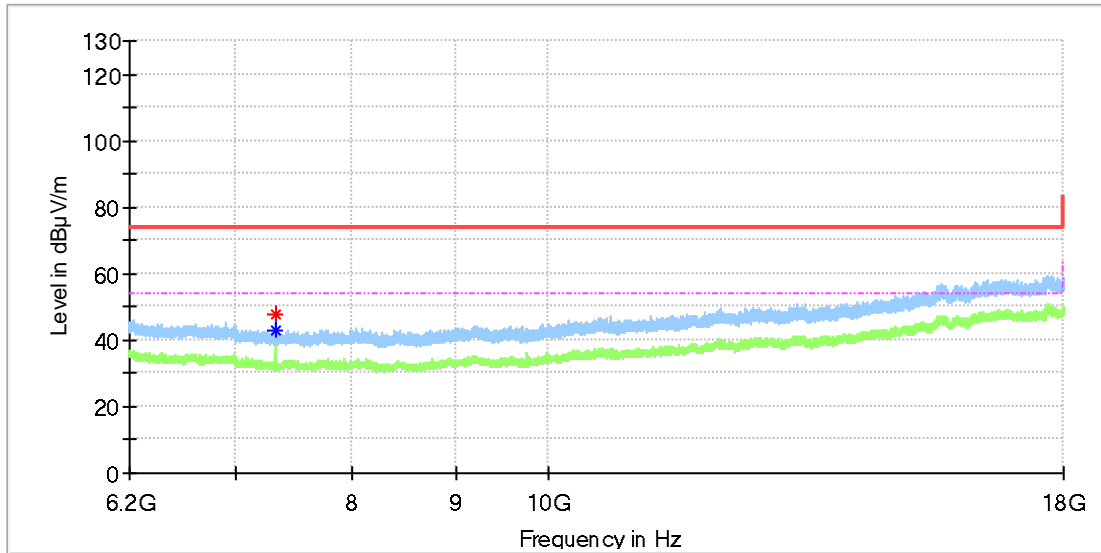


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3189.600000	---	45.25	54.00	8.75	100.0	V	281.0	8.6
3190.110000	54.95	---	74.00	19.05	100.0	V	281.0	8.6
4879.500000	52.31	---	74.00	21.69	100.0	V	19.0	11.8
4879.500000	---	45.85	54.00	8.15	100.0	V	19.0	11.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

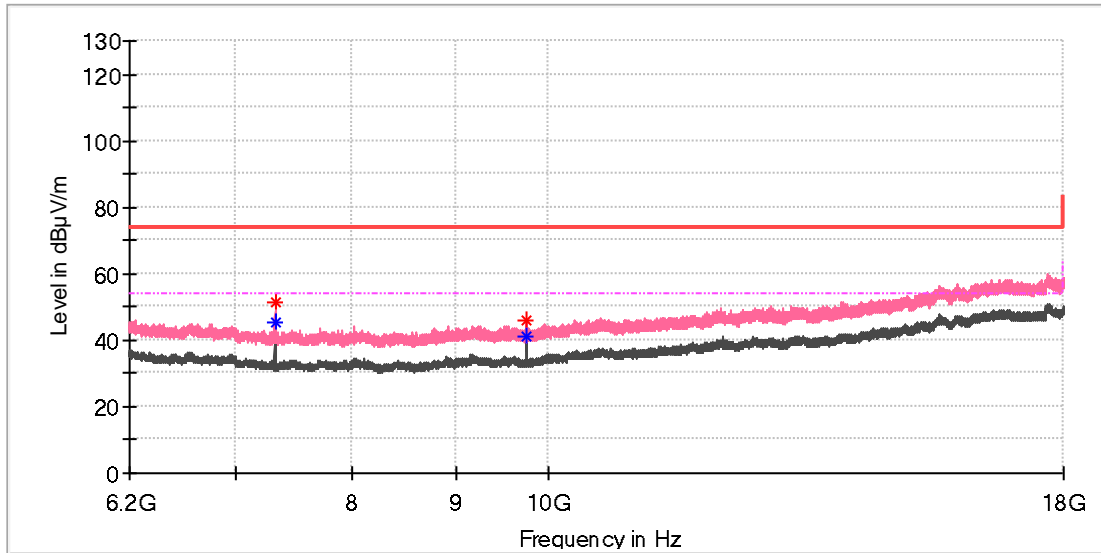


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7318.541667	47.93	---	74.00	26.07	100.0	H	17.0	8.2
7319.033333	---	43.13	54.00	10.87	100.0	H	17.0	8.2

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

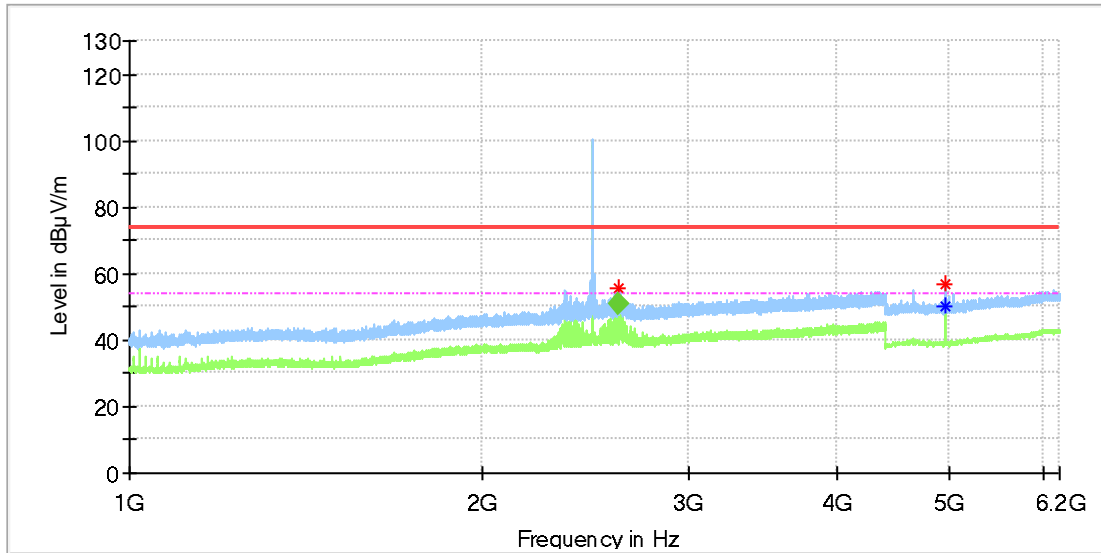


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	---	45.64	54.00	8.36	100.0	V	146.0	8.2
7320.508333	51.27	---	74.00	22.73	100.0	V	158.0	8.2
9760.650000	45.83	---	74.00	28.17	100.0	V	255.0	10.4
9760.650000	---	41.29	54.00	12.71	100.0	V	255.0	10.4

EUT Information

EUT Name: Lenovo Professional Bluetooth Rechargeable Mouse
 Model: MA695B
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168382931/A003306473-009
 Test Voltage: Battery
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

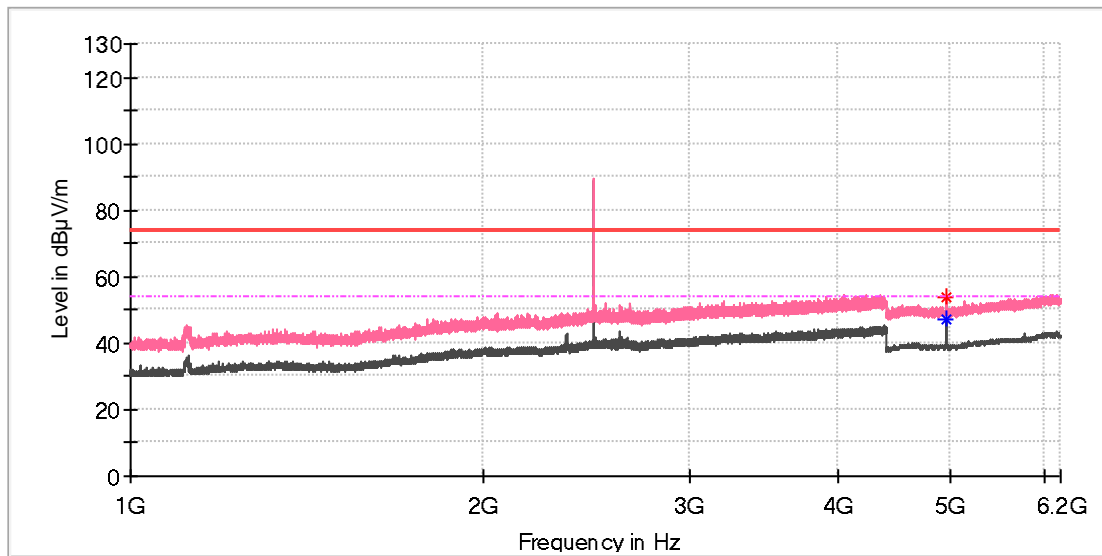
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2607.860000	55.68	---	74.00	18.32	100.0	H	161.0	7.4
4959.500000	---	50.24	54.00	3.76	100.0	H	287.0	11.8
4960.000000	56.80	---	74.00	17.20	100.0	H	222.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2608.089000	50.86	54.00	3.14	100.0	H	156.0	7.4

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

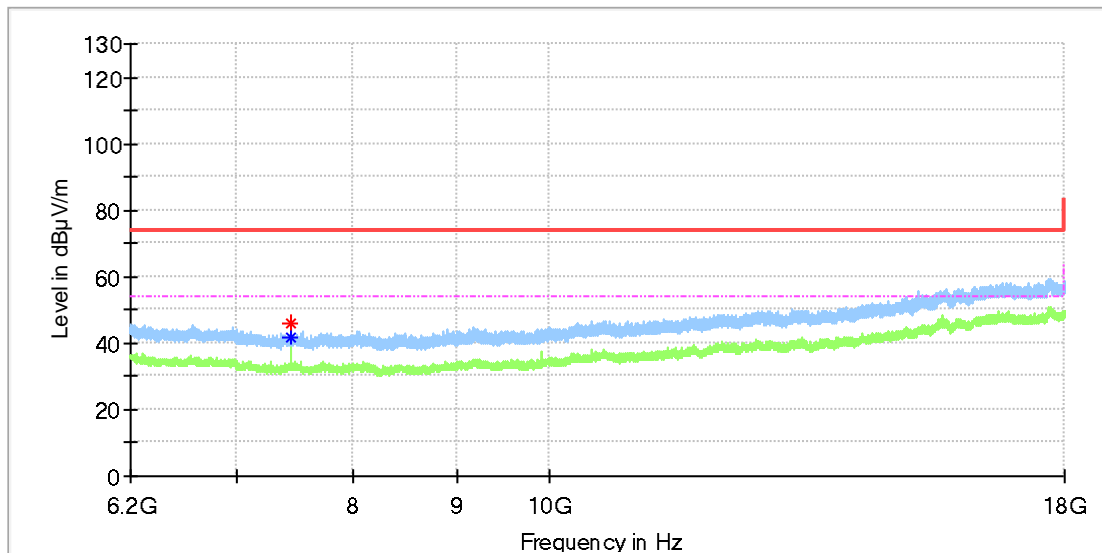


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.500000	53.82	---	74.00	20.18	100.0	V	22.0	11.8
4960.000000	---	47.39	54.00	6.61	100.0	V	28.0	11.8

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

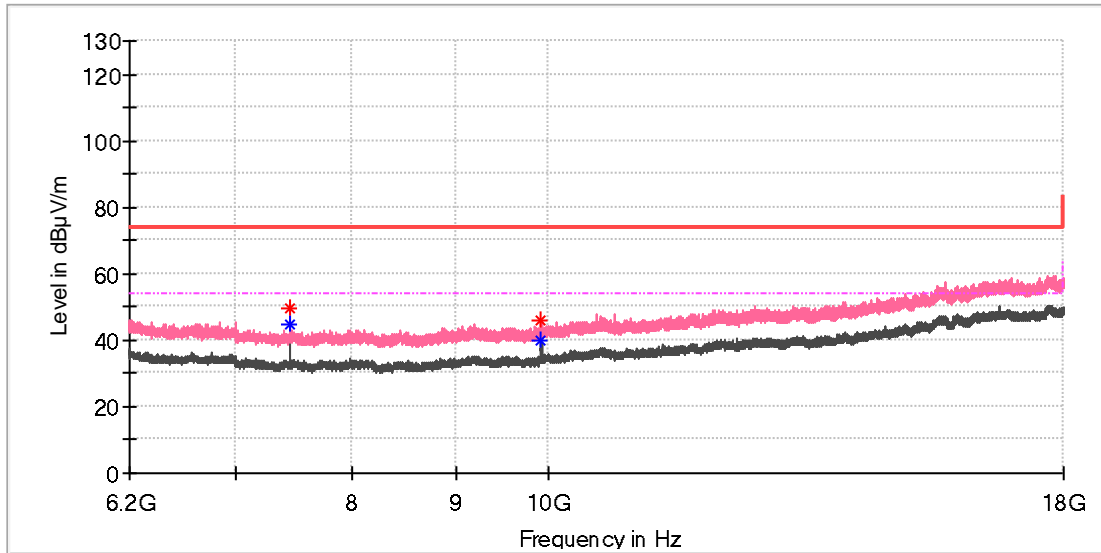


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.000000	---	41.67	54.00	12.33	100.0	H	36.0	8.4
7440.475000	46.15	---	74.00	27.85	100.0	H	48.0	8.4

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



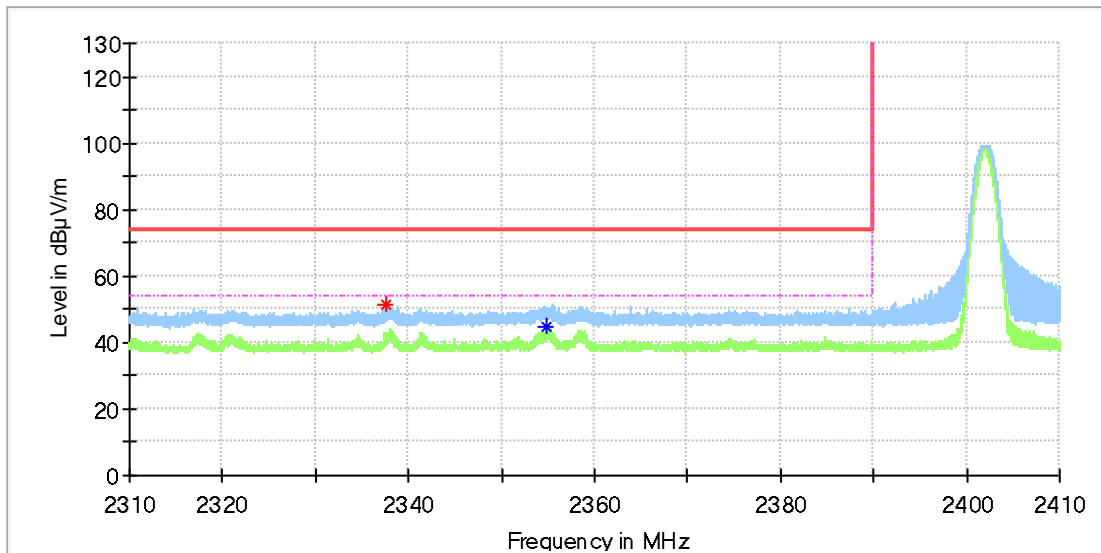
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	49.29	---	74.00	24.71	100.0	V	119.0	8.4
7439.491667	---	44.88	54.00	9.12	100.0	V	119.0	8.4
9919.950000	45.72	---	74.00	28.28	100.0	V	177.0	10.8
9919.950000	---	39.74	54.00	14.26	100.0	V	177.0	10.8

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

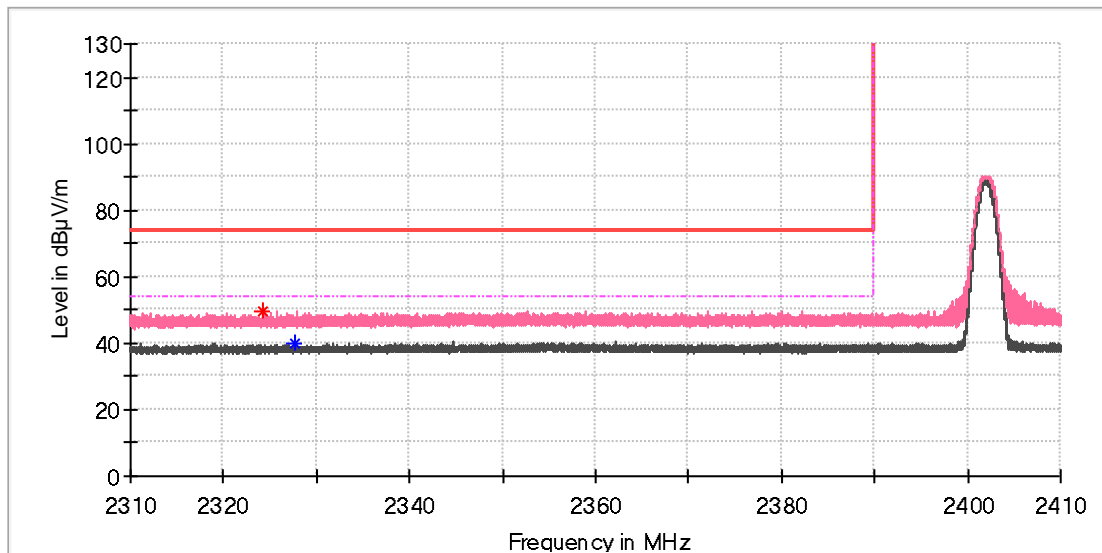


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.660000	51.27	---	74.00	22.73	100.0	H	165.0	6.8
2354.785000	---	44.77	54.00	9.23	100.0	H	165.0	6.9

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

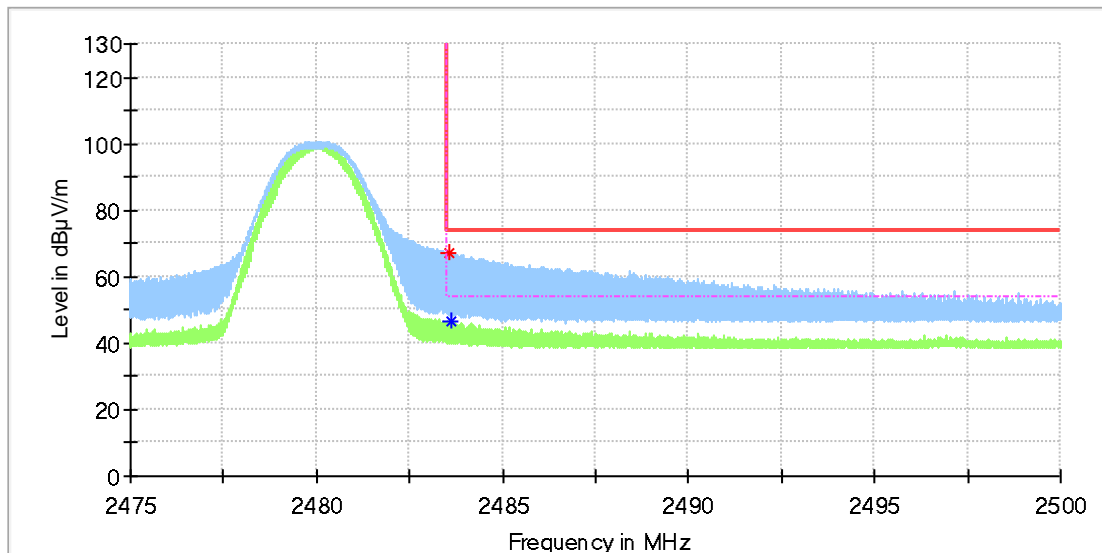


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2324.240000	49.61	---	74.00	24.39	100.0	V	69.0	6.6
2327.740000	---	40.04	54.00	13.96	100.0	V	25.0	6.7

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

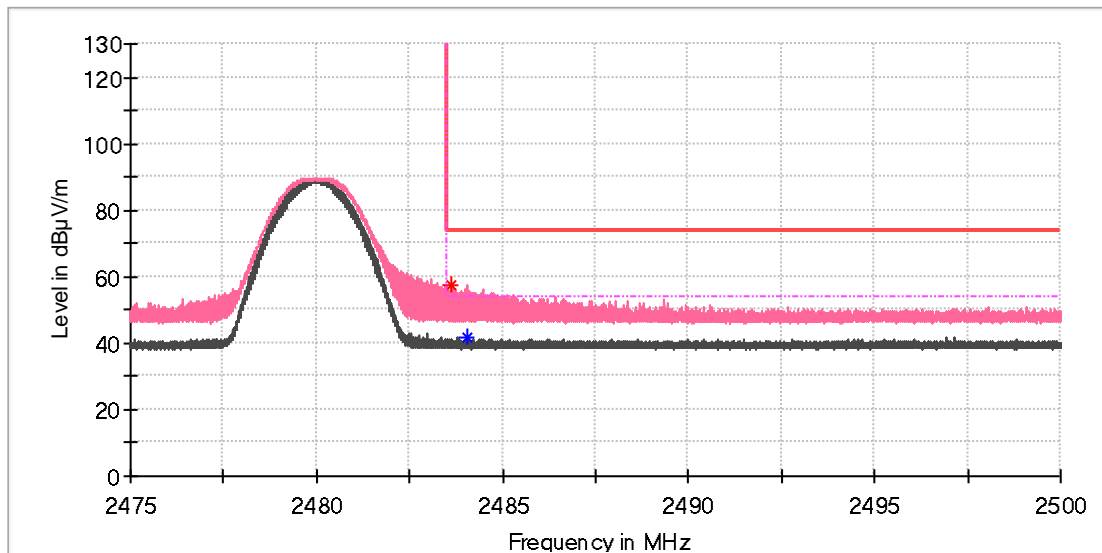


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.561250	67.30	---	74.00	6.70	100.0	H	139.0	7.4
2483.612500	---	46.50	54.00	7.50	100.0	H	149.0	7.4

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Model:	MA695B
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168382931/A003306473-009
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



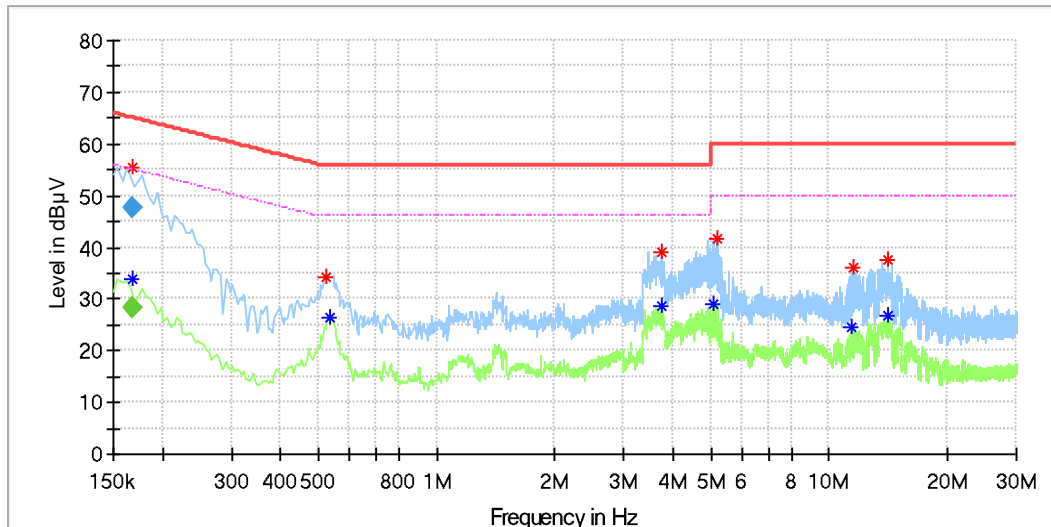
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.628750	57.37	---	74.00	16.63	100.0	V	15.0	7.4
2484.032500	---	41.64	54.00	12.36	100.0	V	15.0	7.4

Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Lenovo Professional Bluetooth Rechargeable Mouse
Order No:	168382931
Model:	MA695B
Test Mode:	Bluetooth & Charging
Test Voltage:	AC 120V/60Hz
Test By/Review By:	Kevin Zhou/Gary Chen
Test Standard:	FCC Part 15C
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical Freqs

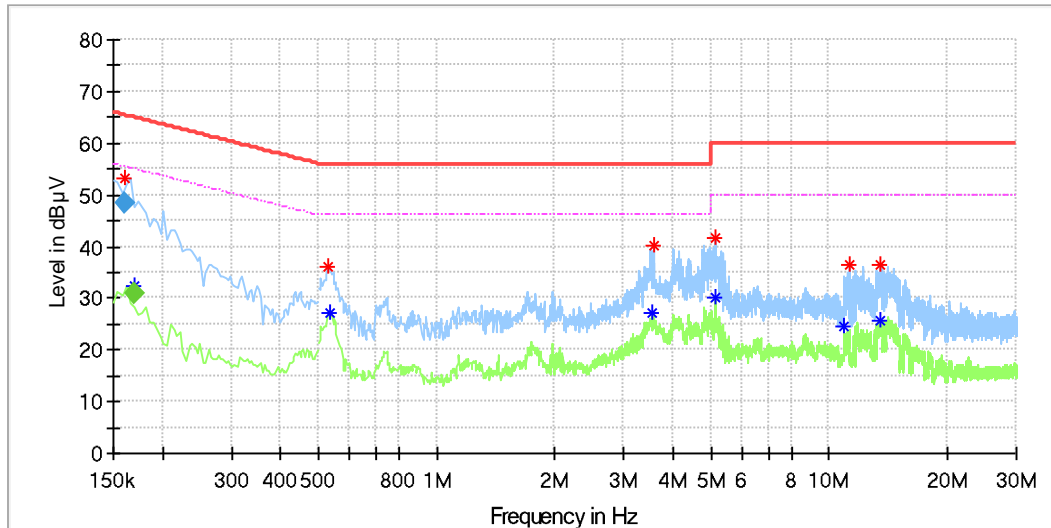
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.167500	---	33.92	55.78	21.86	N	9.6
0.167500	55.48	---	65.78	10.30	N	9.6
0.520000	34.32	---	56.00	21.68	N	9.7
0.536000	---	26.45	46.00	19.55	N	9.7
3.756000	---	28.57	46.00	17.43	N	9.9
3.756000	39.04	---	56.00	16.96	N	9.9
5.088000	---	29.20	50.00	20.80	N	10.0
5.168000	41.81	---	60.00	18.19	N	10.0
11.444000	---	24.63	50.00	25.37	N	10.2
11.540000	35.99	---	60.00	24.01	N	10.2
14.052000	37.69	---	60.00	22.31	N	10.2
14.172000	---	26.86	50.00	23.14	N	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.167500	---	28.39	55.08	26.70	1000.0	9.000	N	9.6
0.167500	47.79	---	65.08	17.29	1000.0	9.000	N	9.6

EUT Information

EUT Name: Lenovo Professional Bluetooth Rechargeable Mouse
 Order No: 168382931
 Model: MA695B
 Test Mode: Bluetooth & Charging
 Test Voltage: AC 120V/60Hz
 Test By/Review By: Kevin Zhou/Gary Chen
 Test Standard: FCC Part 15C
 Tem./Hum./Pressure: 23.9°C/50.7%/101kPa
 Remark: SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.160500	53.04	---	65.16	12.12	L1	9.6
0.170000	---	32.40	55.36	22.96	L1	9.6
0.528000	36.10	---	56.00	19.90	L1	9.7
0.532000	---	27.27	46.00	18.73	L1	9.7
3.528000	---	27.08	46.00	18.92	L1	9.9
3.584000	40.06	---	56.00	15.94	L1	9.9
5.136000	---	30.11	50.00	19.89	L1	10.0
5.136000	41.76	---	60.00	18.24	L1	10.0
10.948000	---	24.65	50.00	25.35	L1	10.1
11.264000	36.28	---	60.00	23.72	L1	10.1
13.428000	---	25.68	50.00	24.32	L1	10.2
13.488000	36.42	---	60.00	23.58	L1	10.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.160500	48.25	---	65.44	17.19	1000.0	9.000	L1	9.6
0.170000	---	30.95	54.96	24.01	1000.0	9.000	L1	9.6