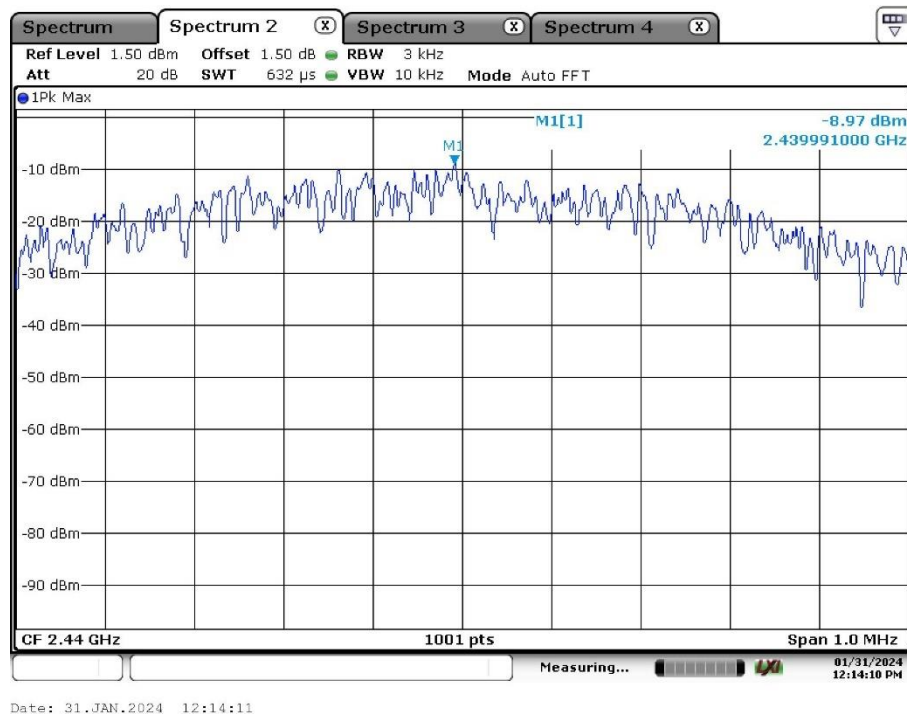
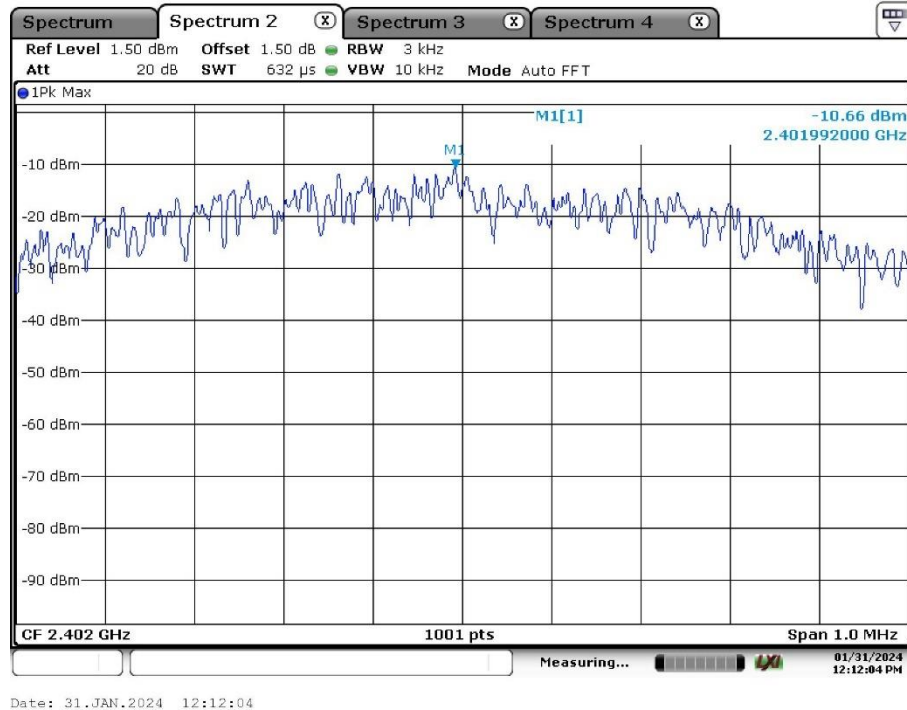


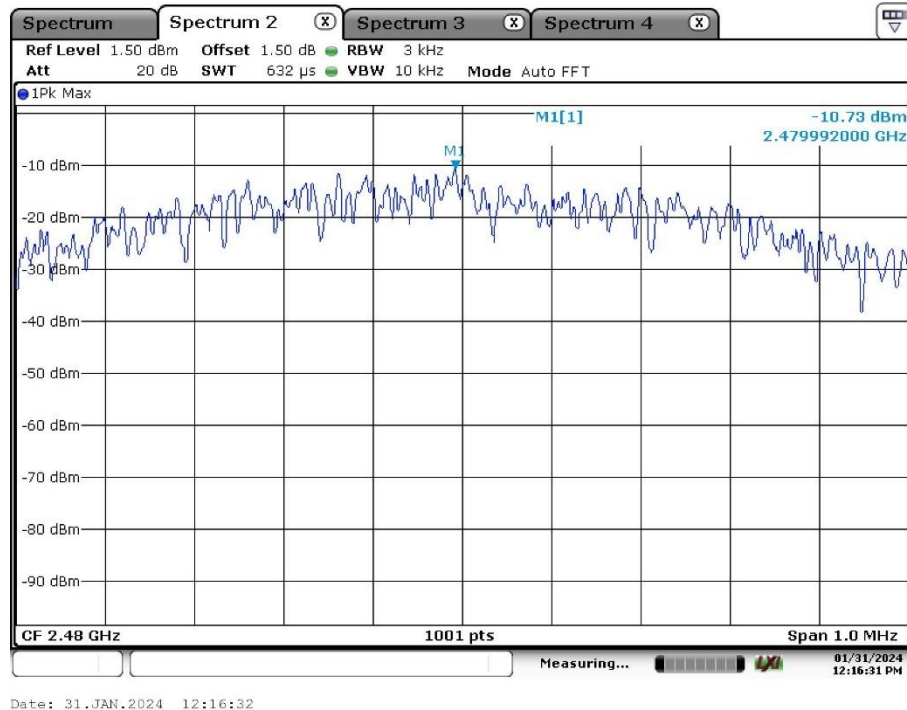
Appendix B: Test Results of Bluetooth LE

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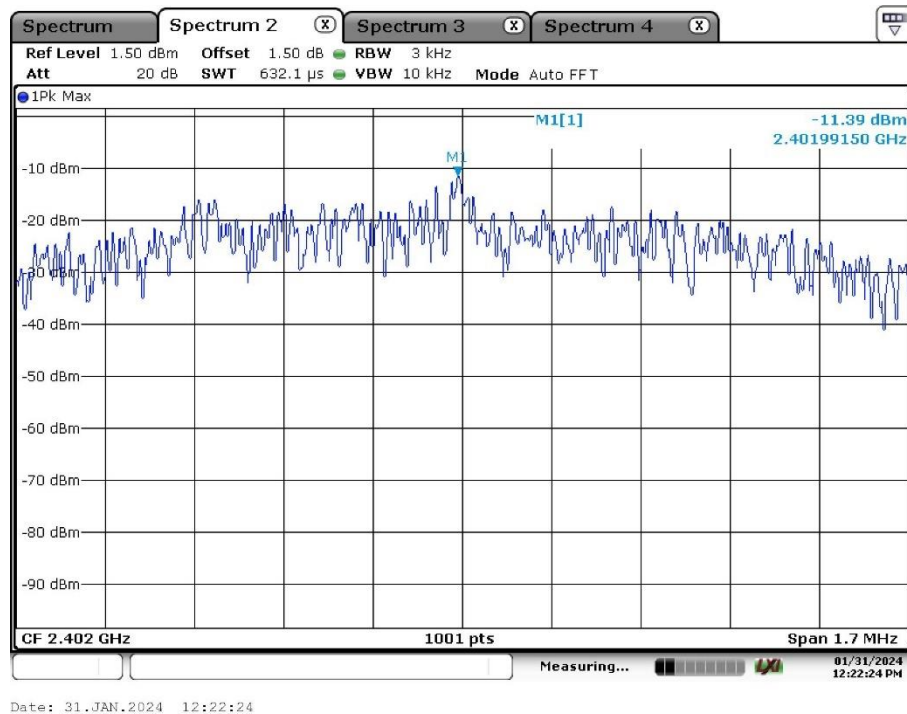
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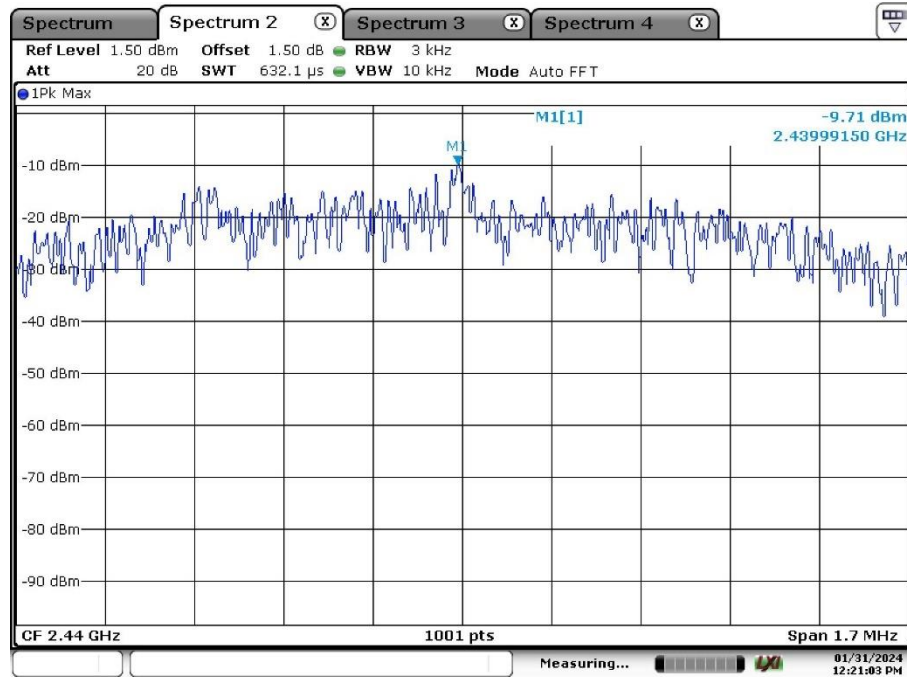
Bluetooth LE Mode, 1Mbps



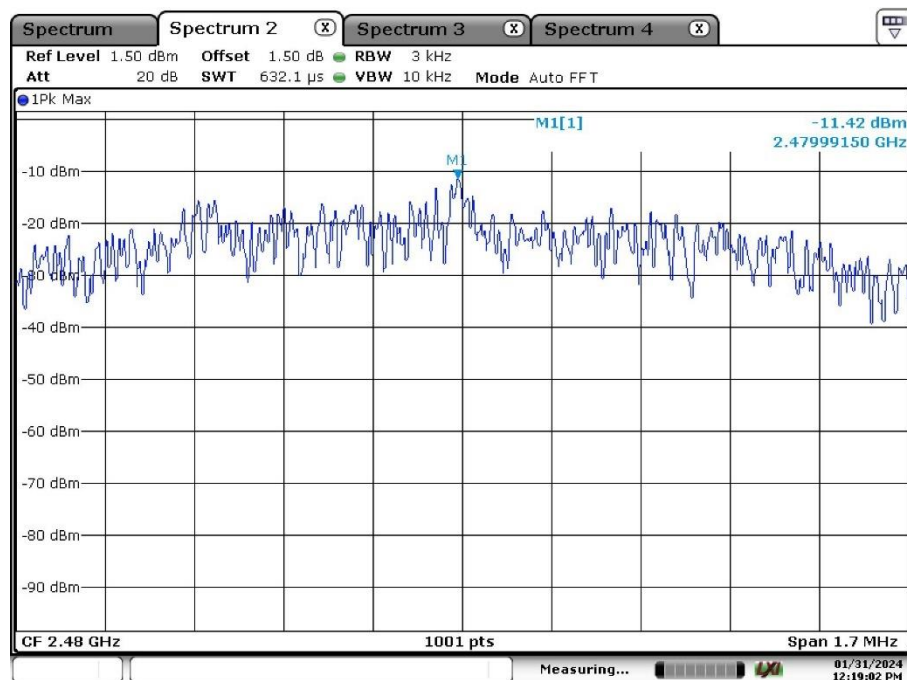


Bluetooth LE Mode, 2Mbps





Date: 31.JAN.2024 12:21:04



Date: 31.JAN.2024 12:19:03

Appendix B.2: Test Results of 6dB Bandwidth

Bluetooth LE Mode, 1Mbps

Minimum Emission Bandwidth 6 dB (2402 MHz)

RBW 100KHz, VBW 300KHz

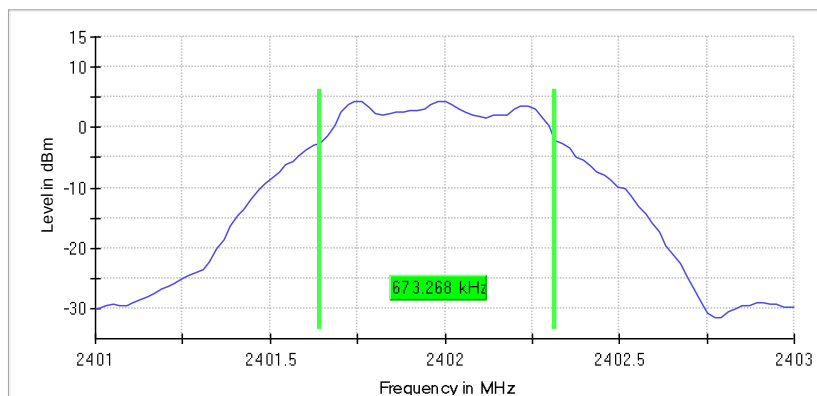
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.673268	0.500000	---	2401.643564	2402.316832

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	4.3	PASS

6 dB Bandwidth



Minimum Emission Bandwidth 6 dB (2440 MHz)

RBW 100KHz, VBW 300KHz

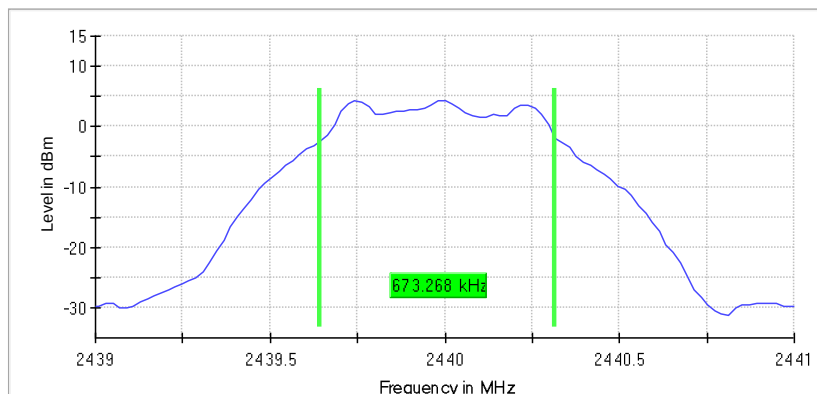
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.673268	0.500000	---	2439.643564	2440.316832

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	4.3	PASS

6 dB Bandwidth



Minimum Emission Bandwidth 6 dB (2480 MHz)

RBW 100KHz, VBW 300KHz

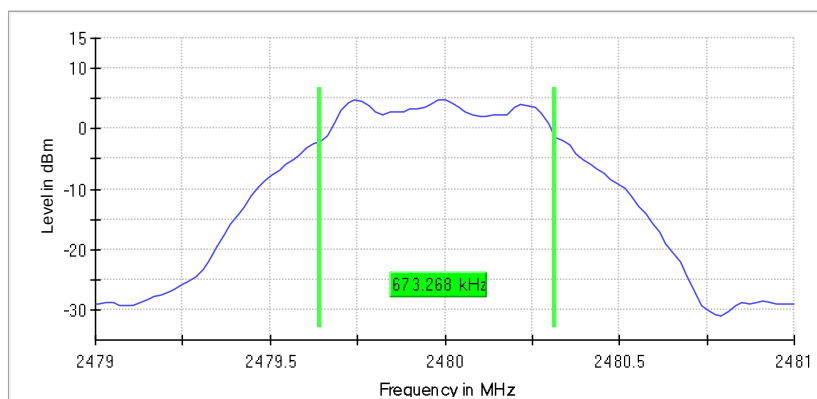
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.673268	0.500000	---	2479.643564	2480.316832

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.8	PASS

6 dB Bandwidth



Bluetooth LE Mode, 2Mbps

Minimum Emission Bandwidth 6 dB (2402 MHz)

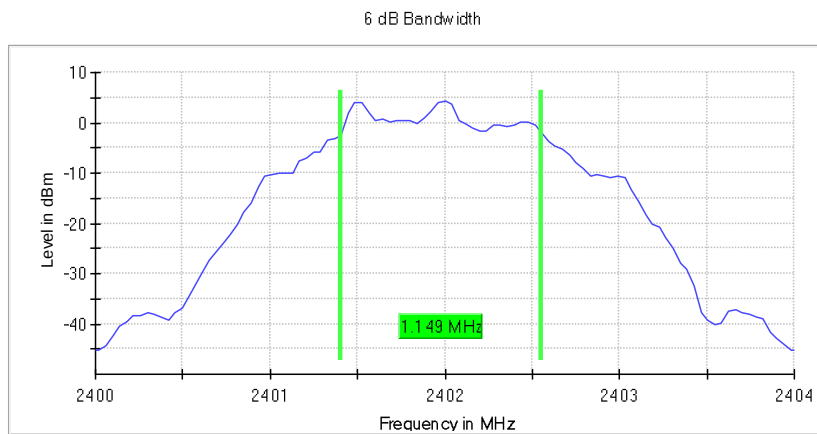
RBW 100KHz, VBW 300KHz

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.148514	0.500000	---	2401.405941	2402.554455

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	4.3	PASS



Minimum Emission Bandwidth 6 dB (2440 MHz)

RBW 100KHz, VBW 300KHz

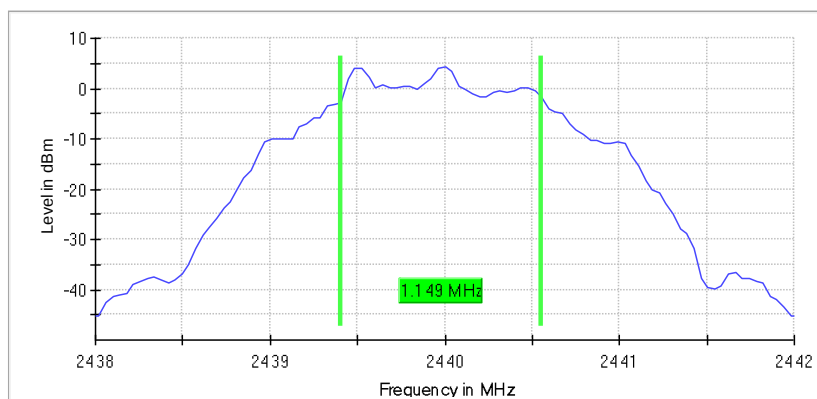
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.148514	0.500000	---	2439.405941	2440.554455

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	4.3	PASS

6 dB Bandwidth



Minimum Emission Bandwidth 6 dB (2480 MHz)

RBW 100KHz, VBW 300KHz

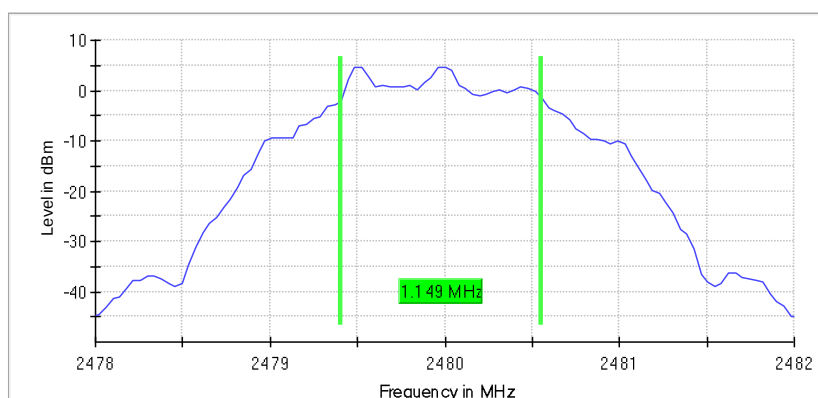
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.148514	0.500000	---	2479.405941	2480.554455

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.8	PASS

6 dB Bandwidth



Appendix B.3: Test Results of 99% Bandwidth

Bluetooth LE Mode, 1Mbps

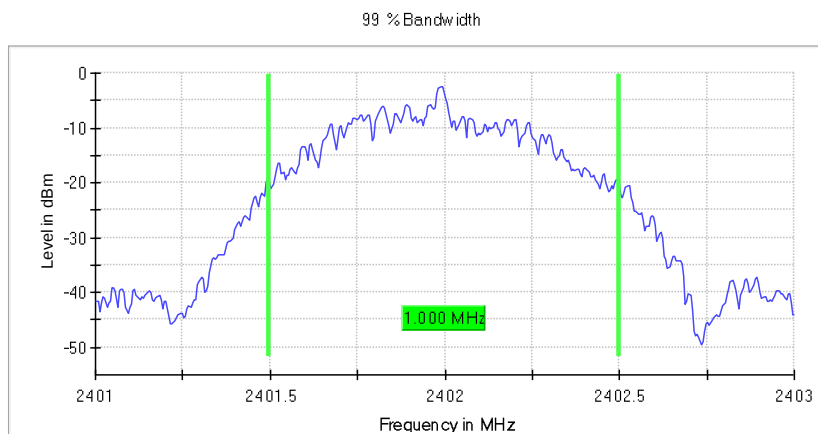
Occupied Channel Bandwidth 99% (2402 MHz)
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.000000	---	---	2401.497500	2402.497500

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

DUT Frequency (MHz)	Result
2402.000000	PASS



Occupied Channel Bandwidth 99% (2440 MHz)

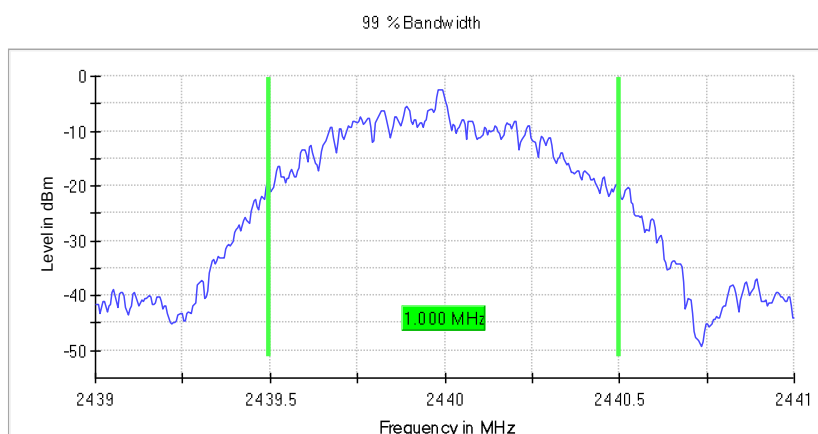
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.000000	---	---	2439.497500	2440.497500

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

DUT Frequency (MHz)	Result
2440.000000	PASS



Occupied Channel Bandwidth 99% (2480 MHz)

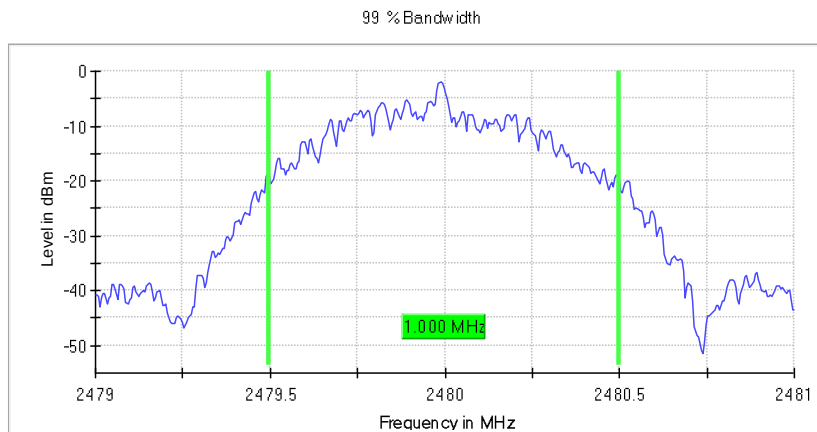
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.000000	---	---	2479.497500	2480.497500

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

DUT Frequency (MHz)	Result
2480.000000	PASS



Bluetooth LE Mode, 2Mbps

Occupied Channel Bandwidth 99% (2402 MHz)

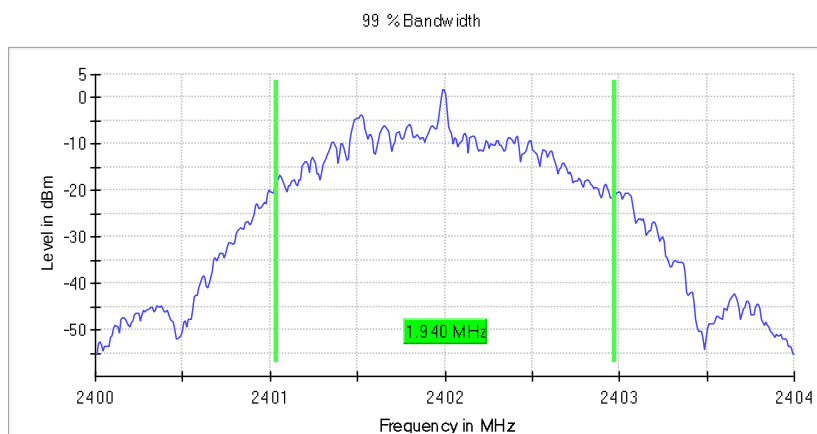
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.940000	---	---	2401.035000	2402.975000

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

DUT Frequency (MHz)	Result
2402.000000	PASS



Occupied Channel Bandwidth 99% (2440 MHz)

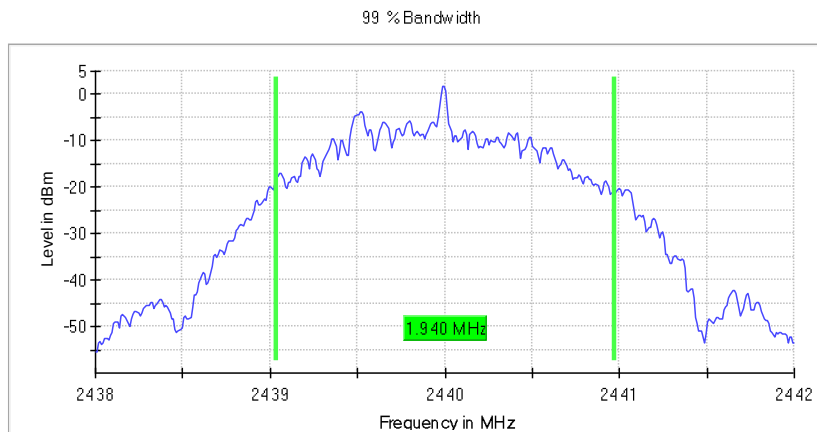
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.940000	---	---	2439.035000	2440.975000

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

DUT Frequency (MHz)	Result
2440.000000	PASS



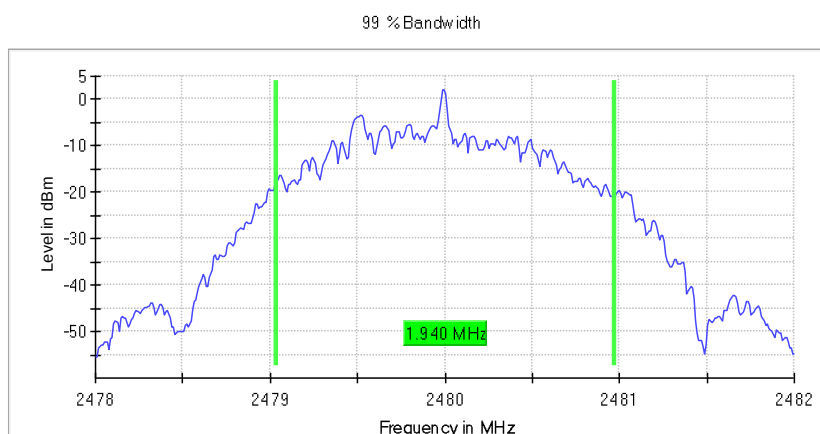
Occupied Channel Bandwidth 99% (2480 MHz)
RBW 30KHz

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.940000	---	---	2479.035000	2480.975000

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

DUT Frequency (MHz)	Result
2480.000000	PASS

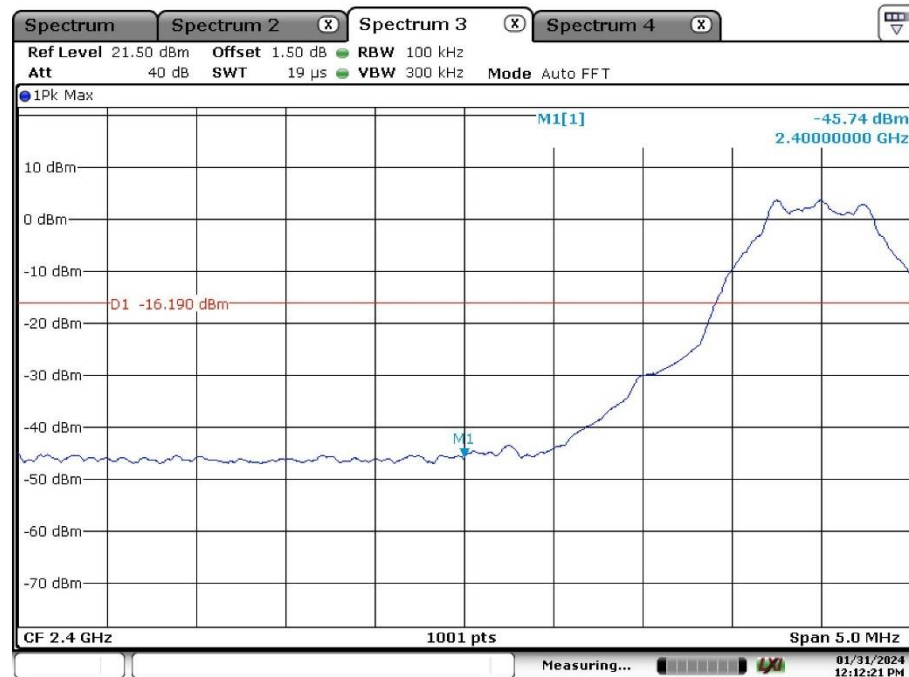


Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bluetooth LE Mode, 1Mbps

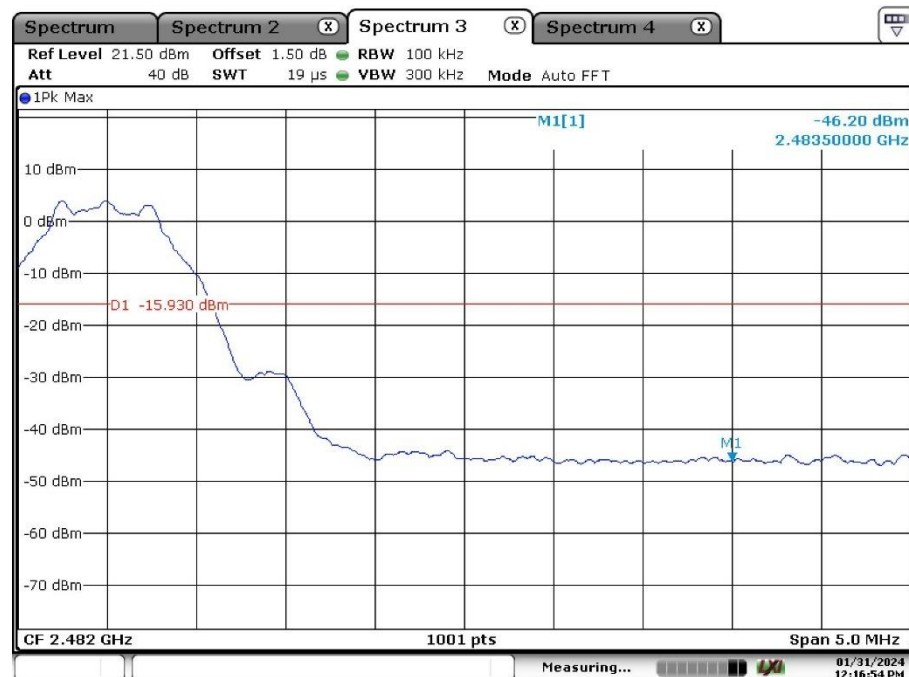
Band Edge

Low Channel



Date: 31.JAN.2024 12:12:22

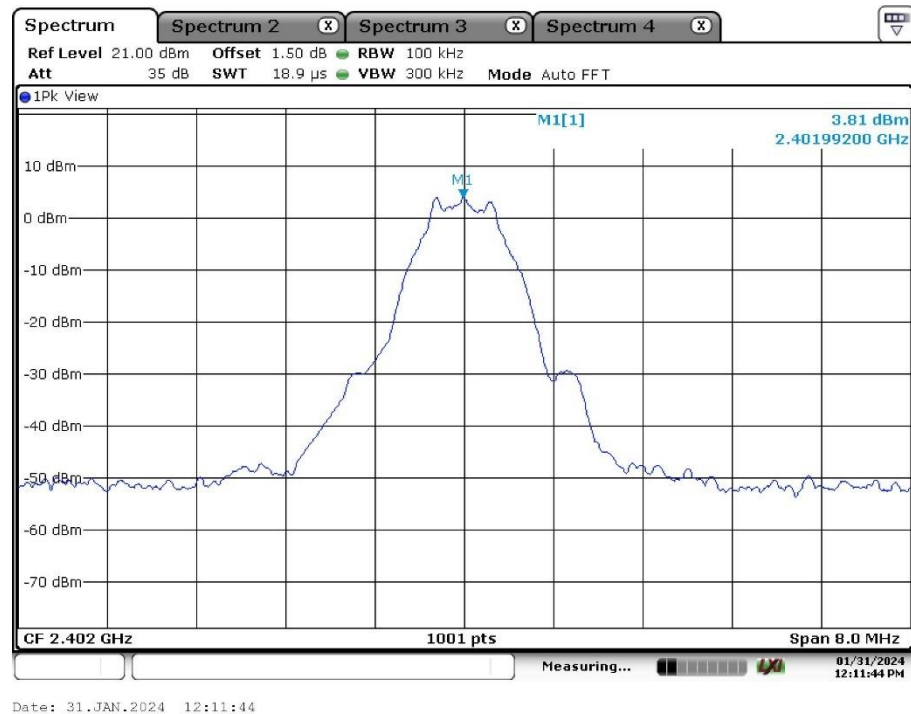
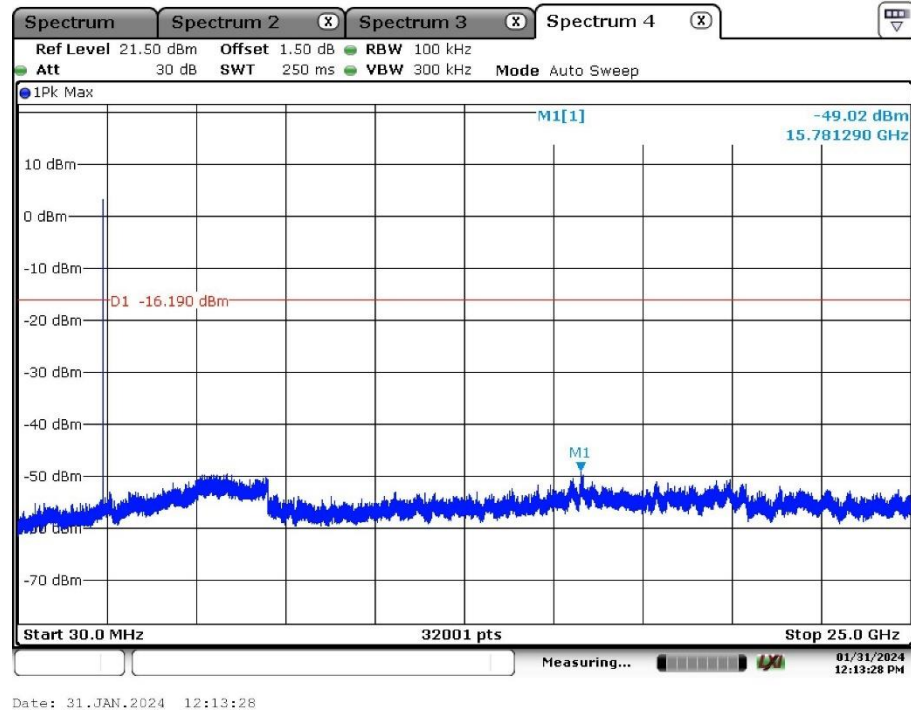
High Channel



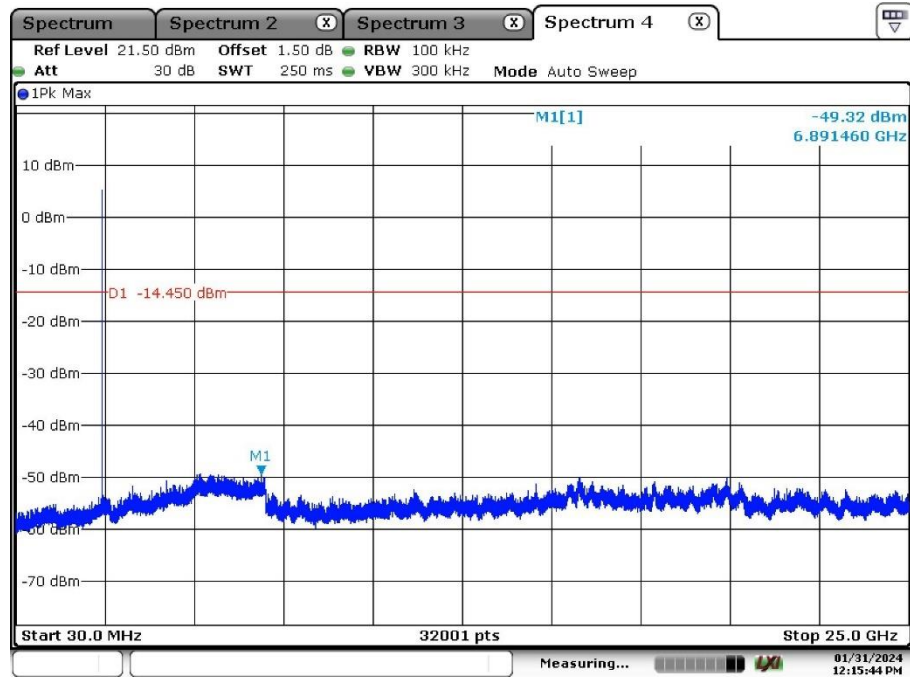
Date: 31.JAN.2024 12:16:55

Conducted Spurious Emission

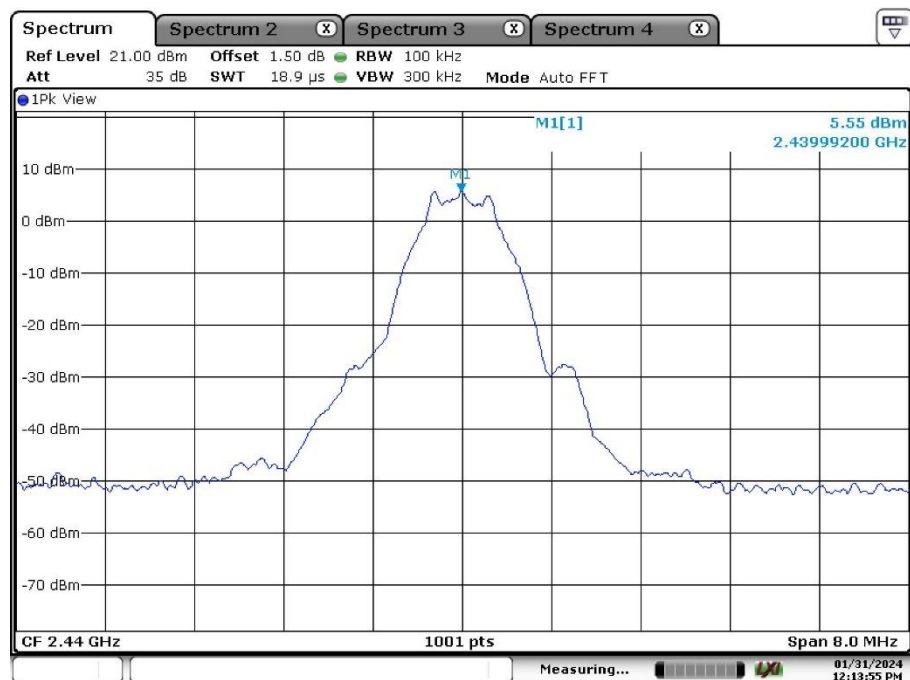
Low Channel:



Middle Channel:

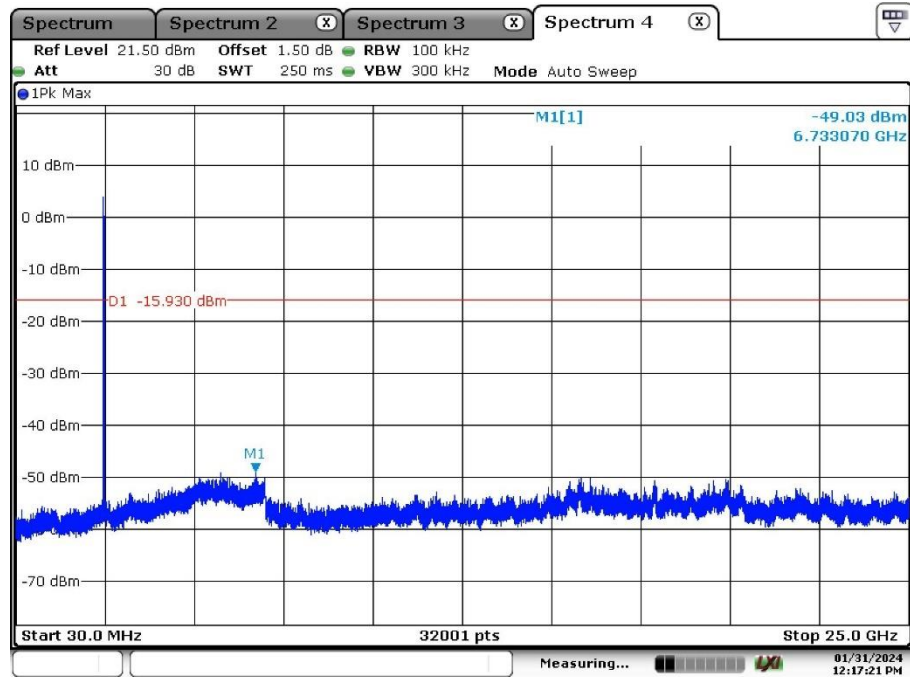


Date: 31.JAN.2024 12:15:45

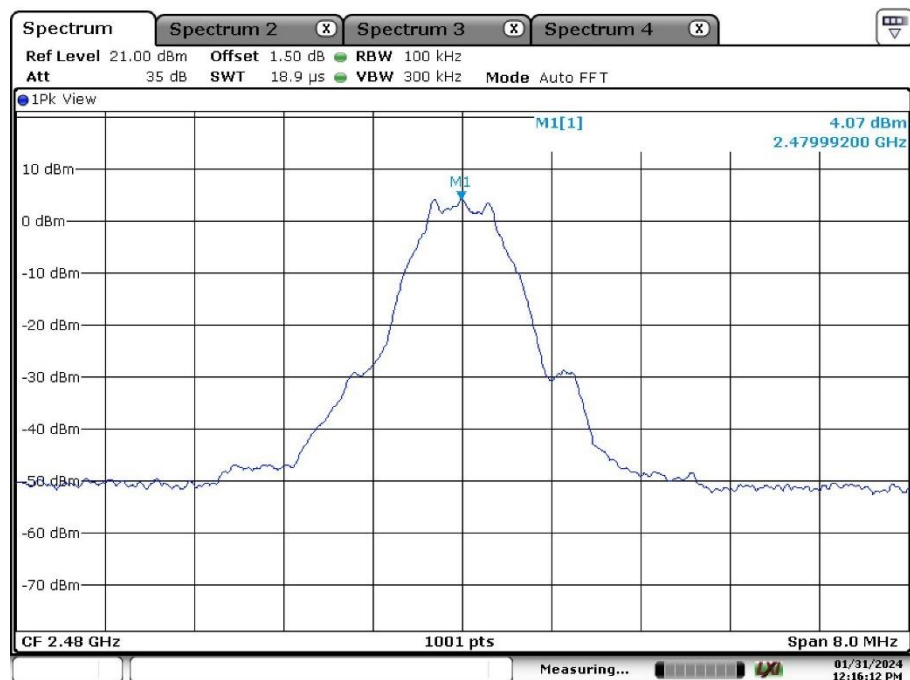


Date: 31.JAN.2024 12:13:56

High Channel:



Date: 31.JAN.2024 12:17:21

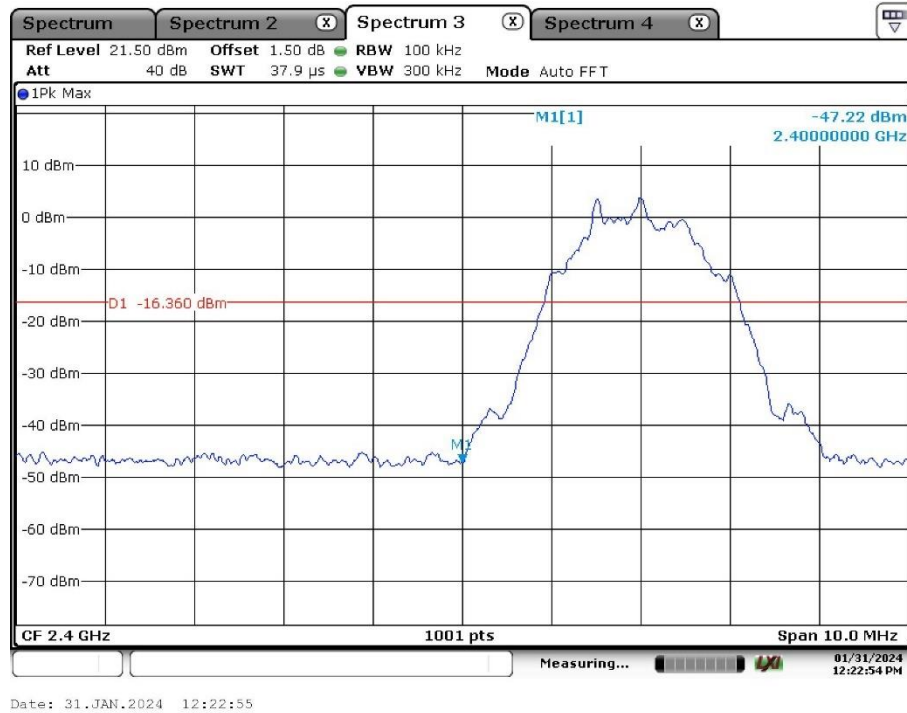


Date: 31.JAN.2024 12:16:12

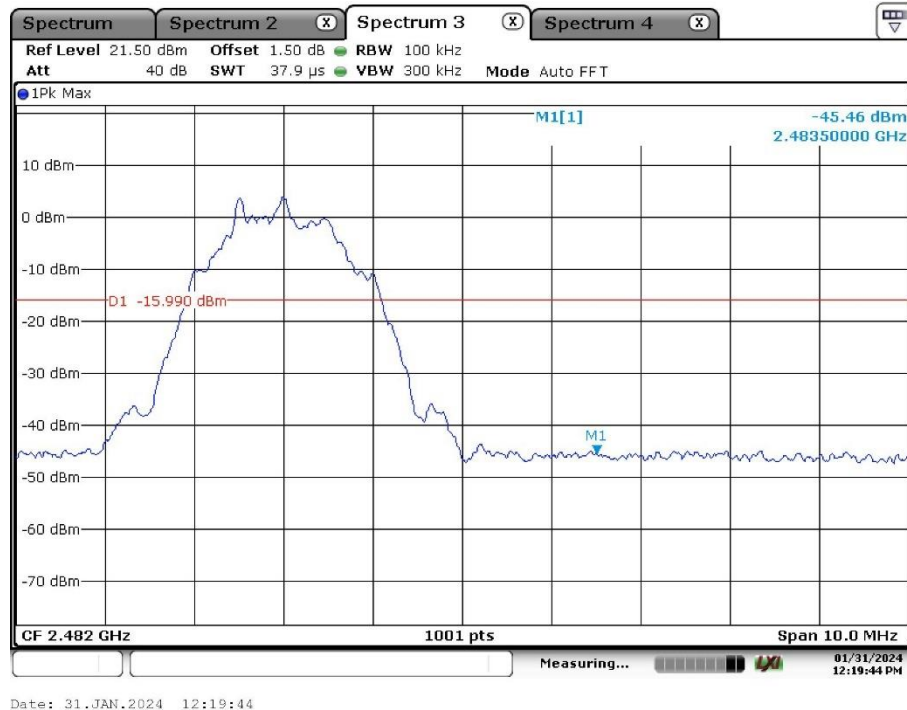
Bluetooth LE Mode, 2Mbps

Band Edge

Low Channel

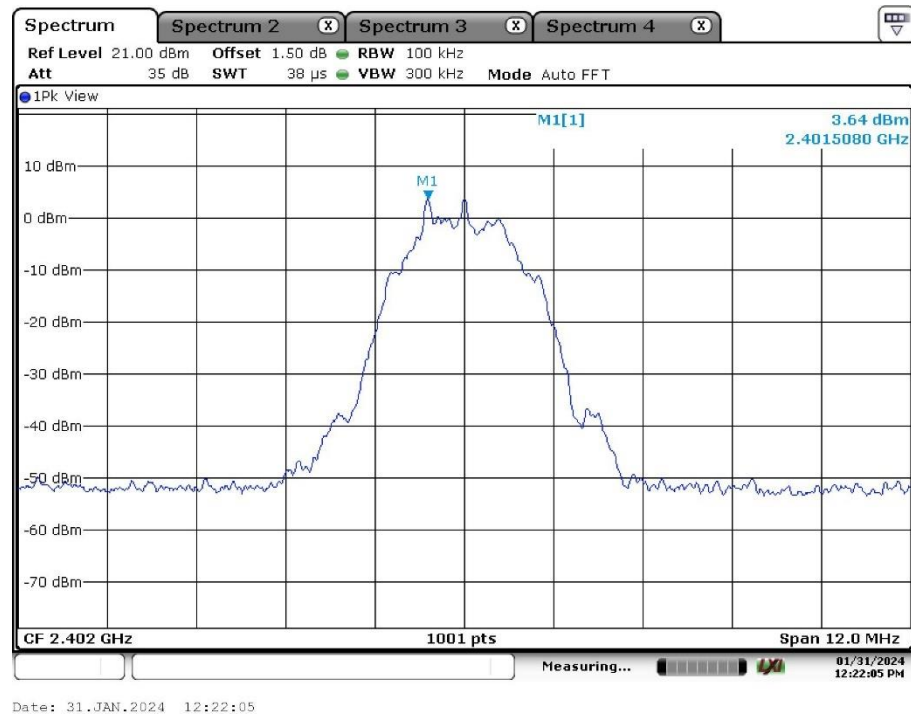
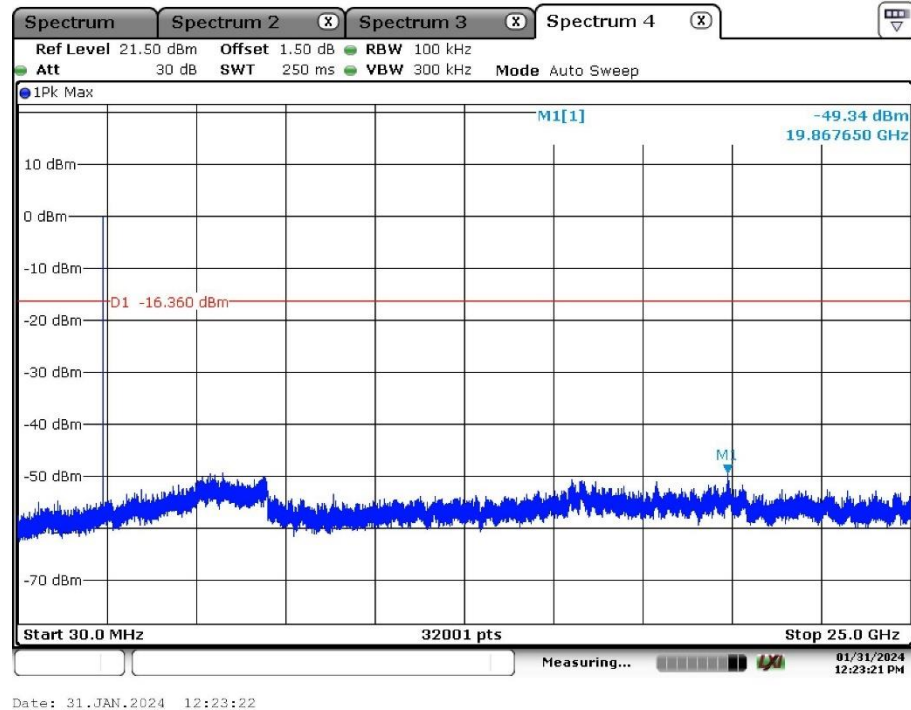


High Channel

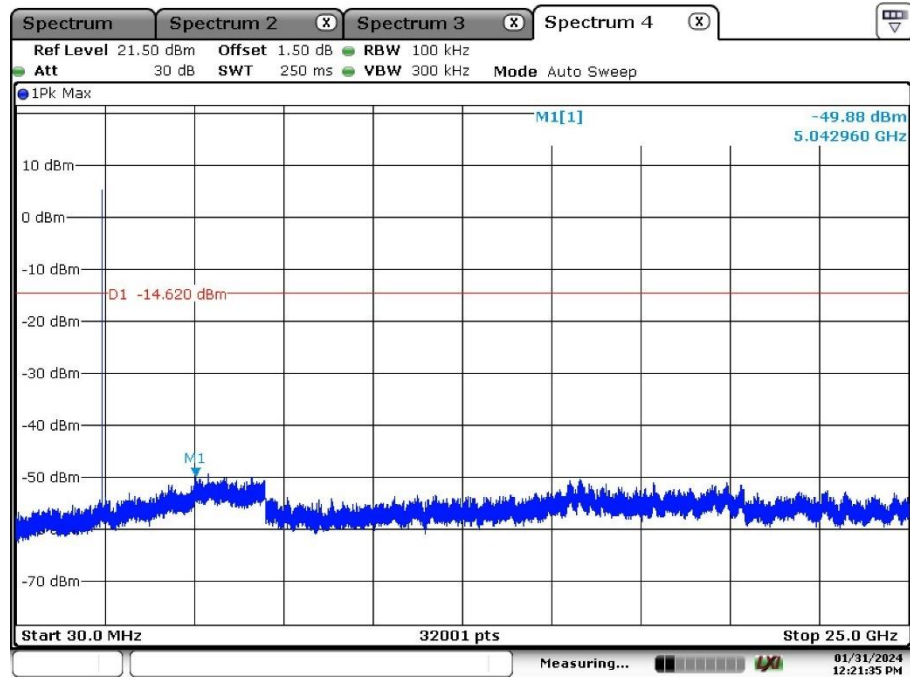


Conducted Spurious Emission

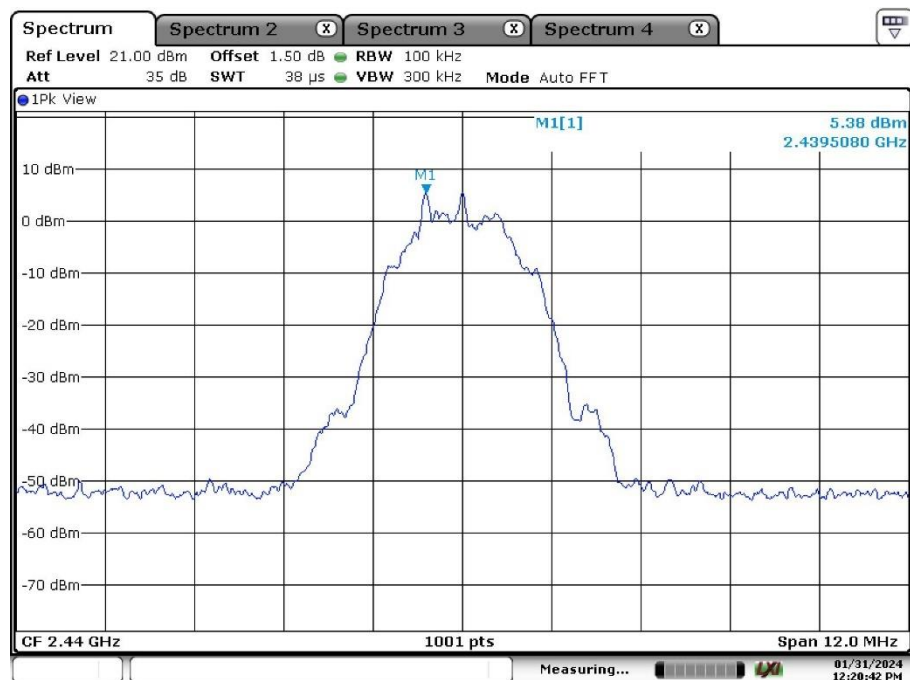
Low Channel:



Middle Channel:

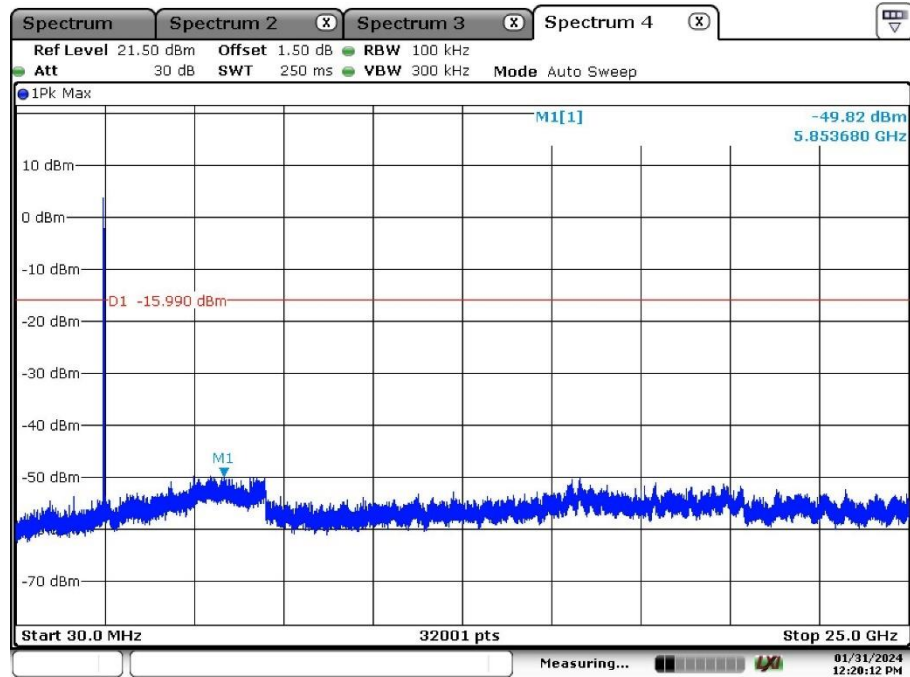


Date: 31.JAN.2024 12:21:36

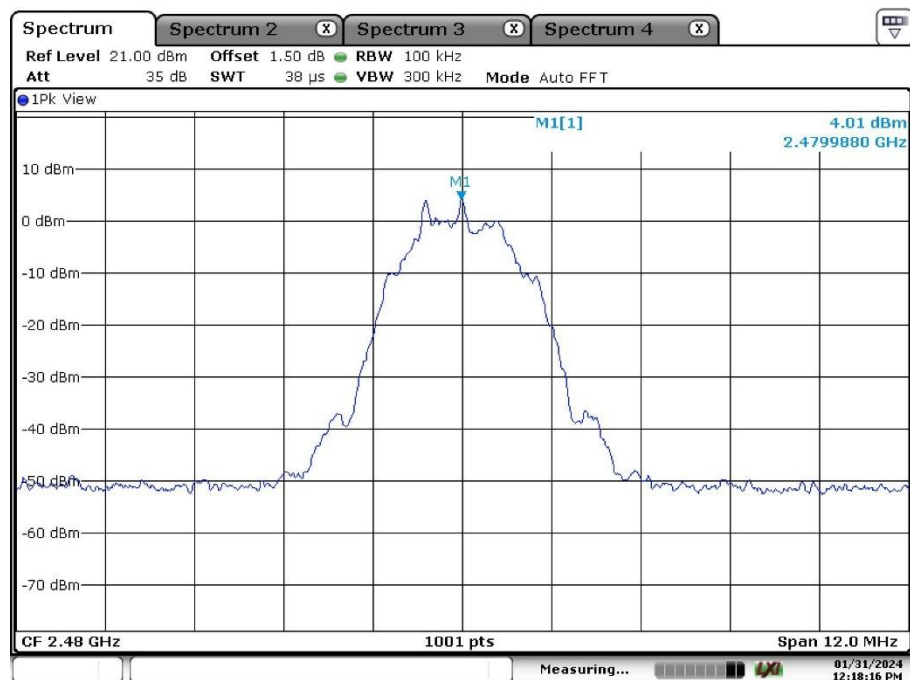


Date: 31.JAN.2024 12:20:42

High Channel:



Date: 31.JAN.2024 12:20:13



Date: 31.JAN.2024 12:18:16

Appendix B.5: Test Results of Radiated Spurious Emissions

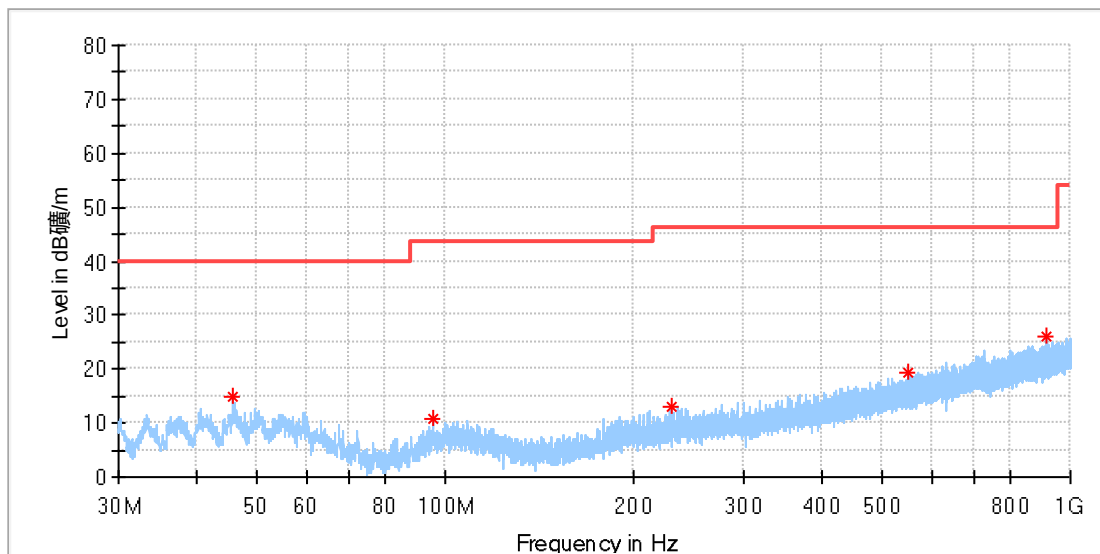
Note:

- 1) This testing was carried out on different modulations, but only the worst case 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 Wireless VoIP Headset
Model:	LB310
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168456688/A003644969-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

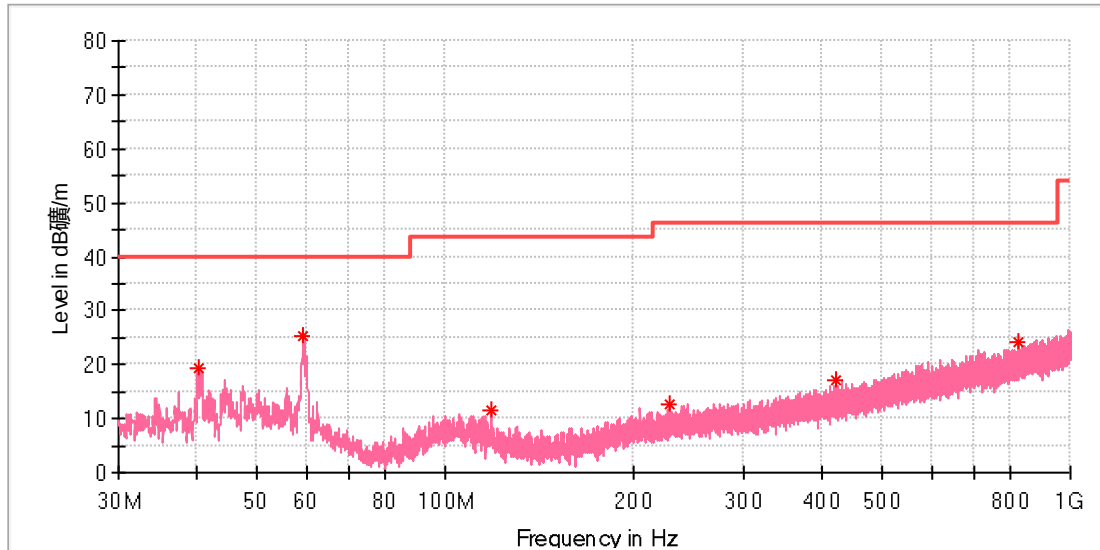
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.669231	14.99	40.00	25.01	100.0	H	0.0	-19.0
95.288462	10.69	43.50	32.81	100.0	H	354.0	-20.0
230.305000	13.13	46.00	32.87	100.0	H	277.0	-18.4
548.091923	19.24	46.00	26.76	100.0	H	11.0	-11.2
916.169615	26.23	46.00	19.77	100.0	H	0.0	-5.3

Final Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168456688/A003644969-003
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)
40.185000	19.24	40.00	20.76	100.0	V	47.0	-20.4
59.361154	25.20	40.00	14.80	100.0	V	184.0	-19.2
118.755000	11.42	43.50	32.08	100.0	V	238.0	-20.8
227.805385	12.69	46.00	33.31	100.0	V	0.0	-18.5
422.887308	16.99	46.00	29.01	100.0	V	102.0	-13.7
824.915000	24.19	46.00	21.81	100.0	V	256.0	-6.3

Final_Result

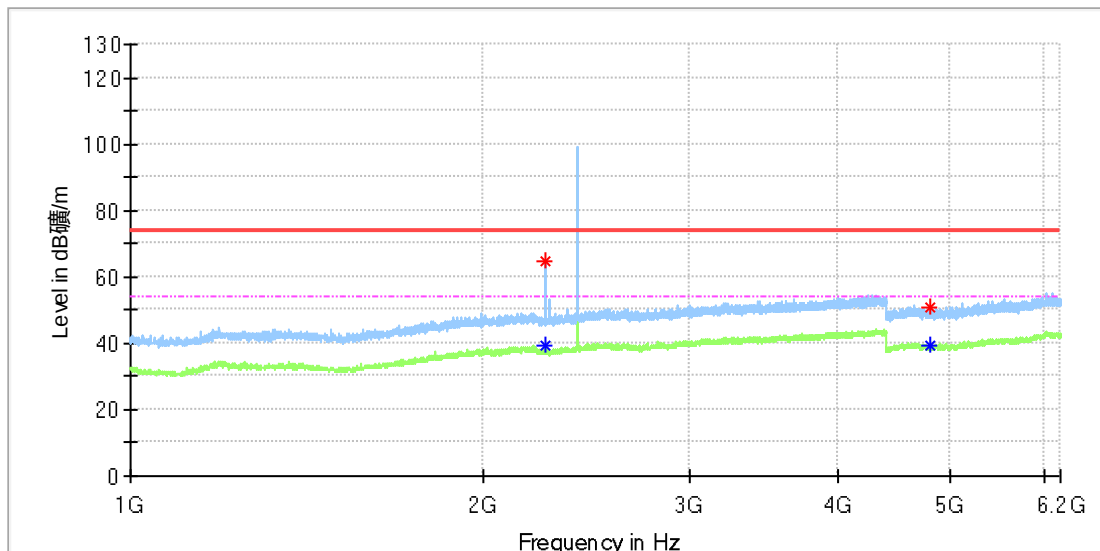
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Lenovo Wireless VoIP Headset
Model:	LB310
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168456688/A003644969-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

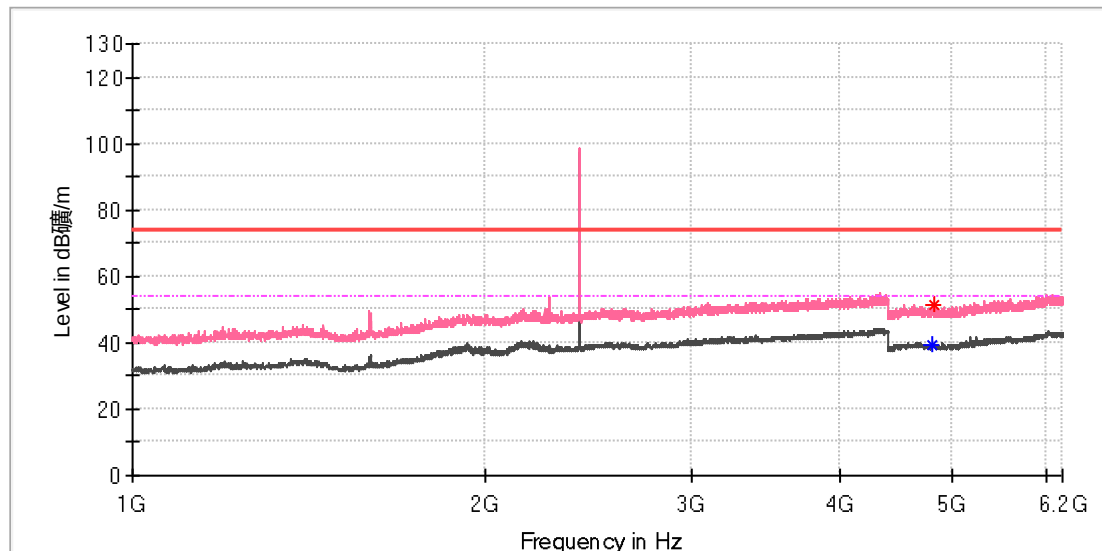
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2255.500000	---	39.25	54.00	14.75	150.0	H	340.0	6.4
2255.500000	64.50	---	74.00	9.50	150.0	H	340.0	6.4
4803.500000	50.70	---	74.00	23.30	150.0	H	162.0	11.8
4809.000000	---	39.36	54.00	14.64	150.0	H	61.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

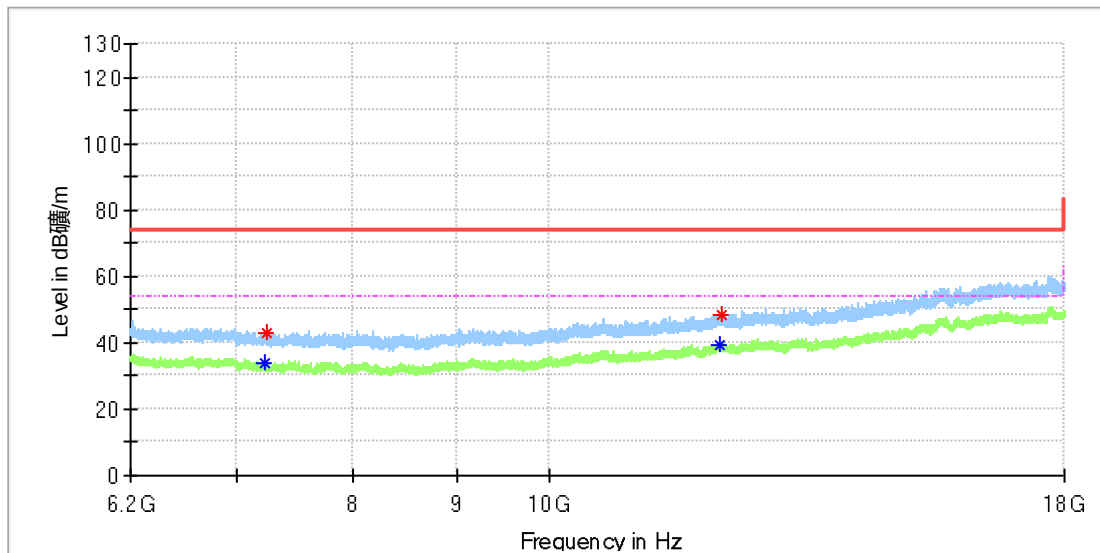
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4807.500000	---	39.59	54.00	14.41	150.0	V	91.0	11.8
4812.000000	51.21	---	74.00	22.79	150.0	V	163.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

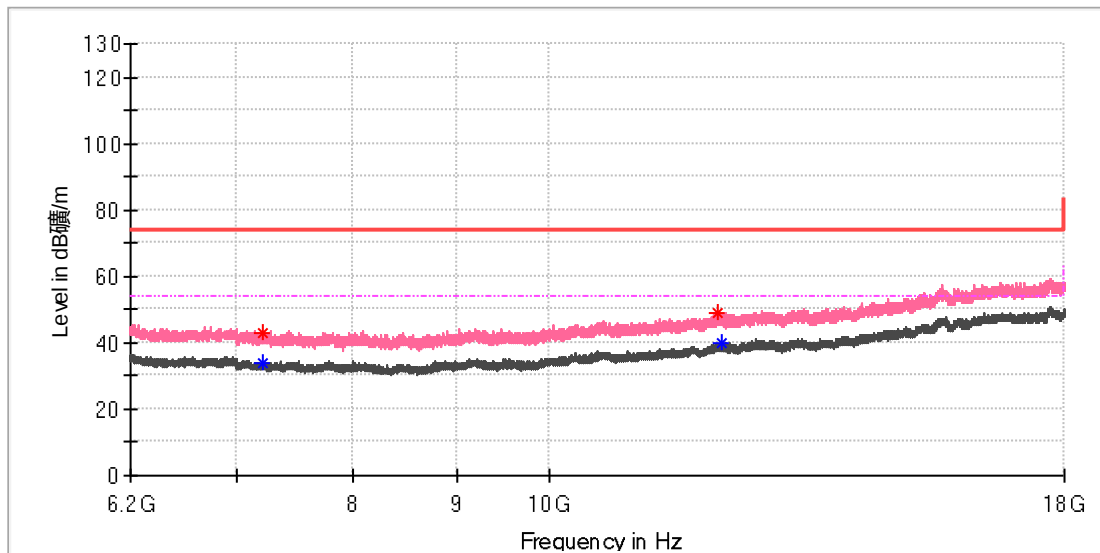
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7230.041667	---	34.04	54.00	19.96	150.0	H	186.0	8.6
7237.908333	42.95	---	74.00	31.05	150.0	H	222.0	8.6
12157.033333	---	39.44	54.00	14.56	150.0	H	285.0	14.5
12186.041667	48.59	---	74.00	25.42	150.0	H	51.0	14.6

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

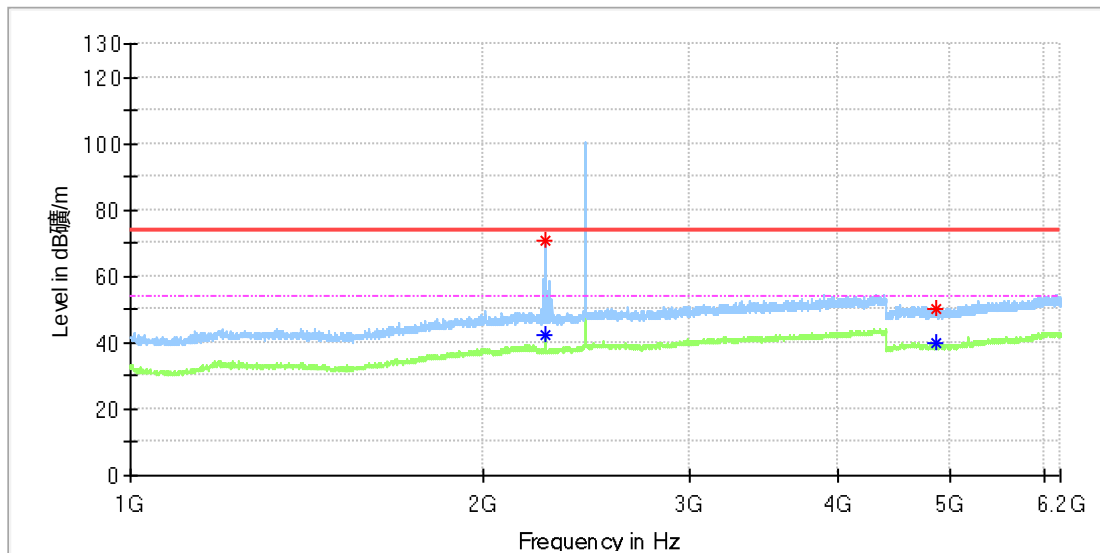
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7212.341667	---	33.76	54.00	20.24	150.0	V	319.0	8.7
7213.325000	43.04	---	74.00	30.96	150.0	V	0.0	8.7
12126.058333	48.99	---	74.00	25.01	150.0	V	88.0	14.3
12175.716667	---	39.72	54.00	14.28	150.0	V	234.0	14.5

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

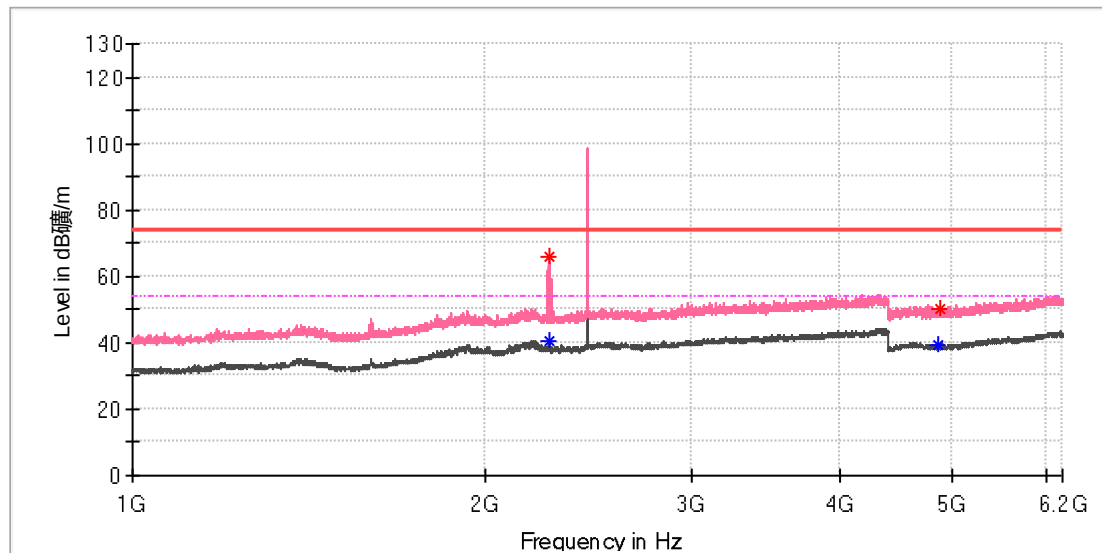
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2256.000000	---	42.45	54.00	11.55	150.0	H	295.0	6.4
2257.500000	70.49	---	74.00	3.51	150.0	H	253.0	6.4
4852.500000	---	39.66	54.00	14.34	150.0	H	218.0	11.8
4866.000000	50.31	---	74.00	23.69	150.0	H	327.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

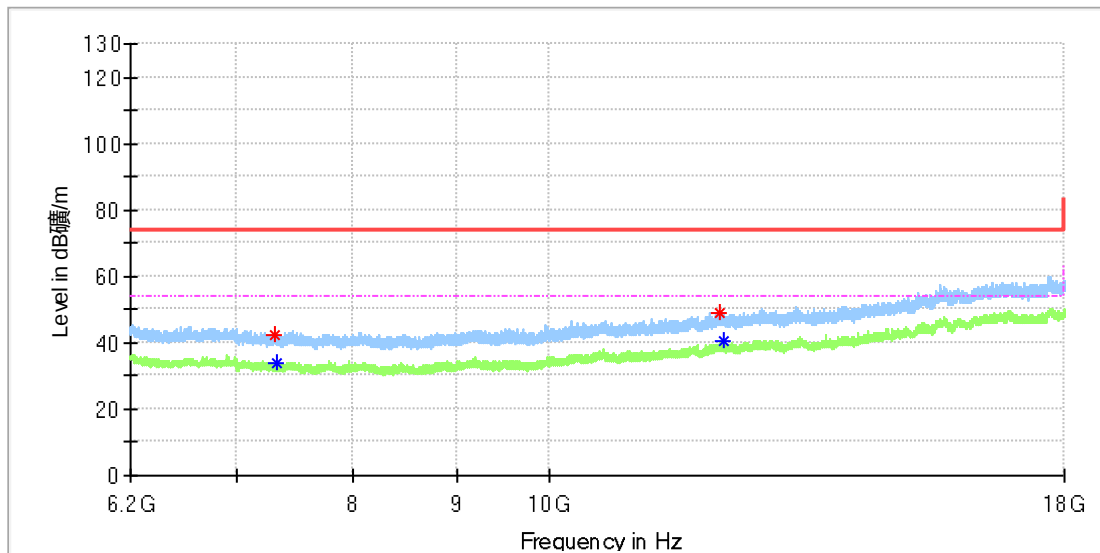
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2261.500000	---	40.47	54.00	13.53	150.0	V	251.0	6.4
2261.500000	66.20	---	74.00	7.80	150.0	V	251.0	6.4
4860.000000	---	39.30	54.00	14.70	150.0	V	242.0	11.8
4869.500000	49.90	---	74.00	24.10	150.0	V	1.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

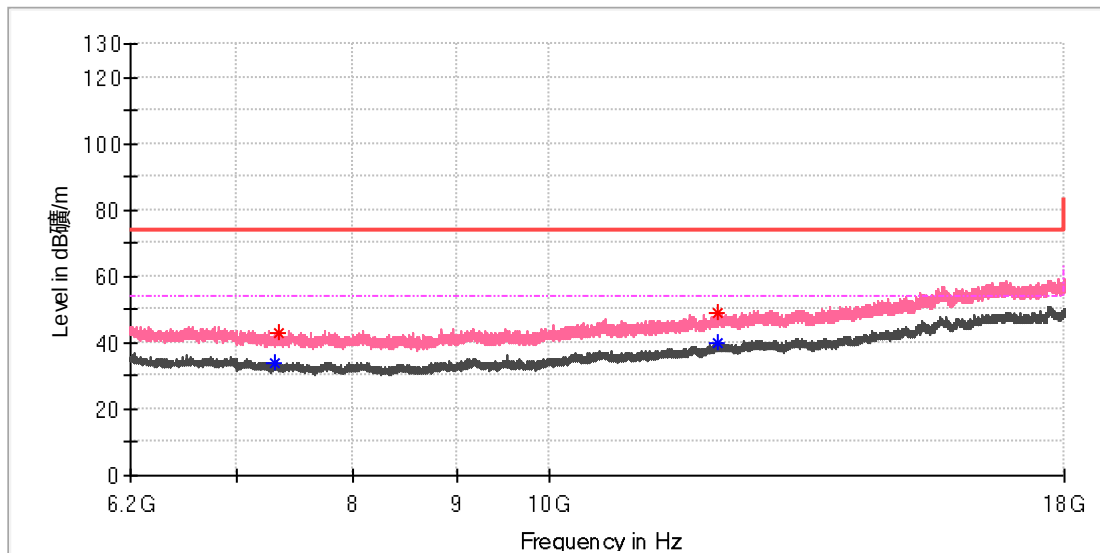
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.625000	42.33	---	74.00	31.67	150.0	H	87.0	8.2
7320.016667	---	34.11	54.00	19.89	150.0	H	314.0	8.2
12143.758333	48.74	---	74.00	25.26	150.0	H	351.0	14.4
12188.008333	---	40.56	54.00	13.44	150.0	H	87.0	14.6

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

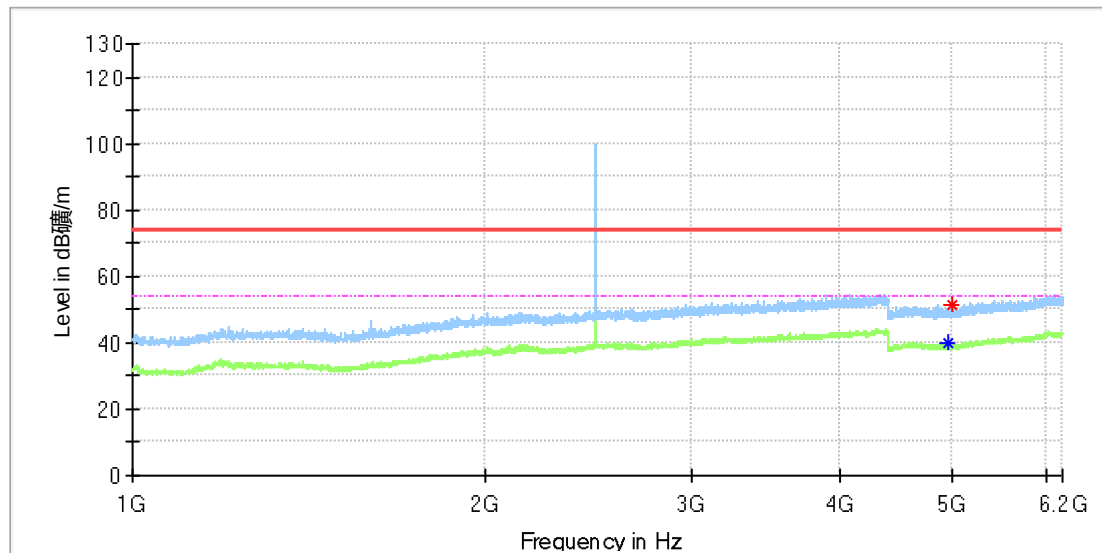
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.808333	---	34.05	54.00	19.95	150.0	V	207.0	8.3
7335.258333	42.94	---	74.00	31.06	150.0	V	195.0	8.1
12120.650000	48.68	---	74.00	25.32	150.0	V	195.0	14.3
12120.650000	---	40.07	54.00	13.93	150.0	V	195.0	14.3

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

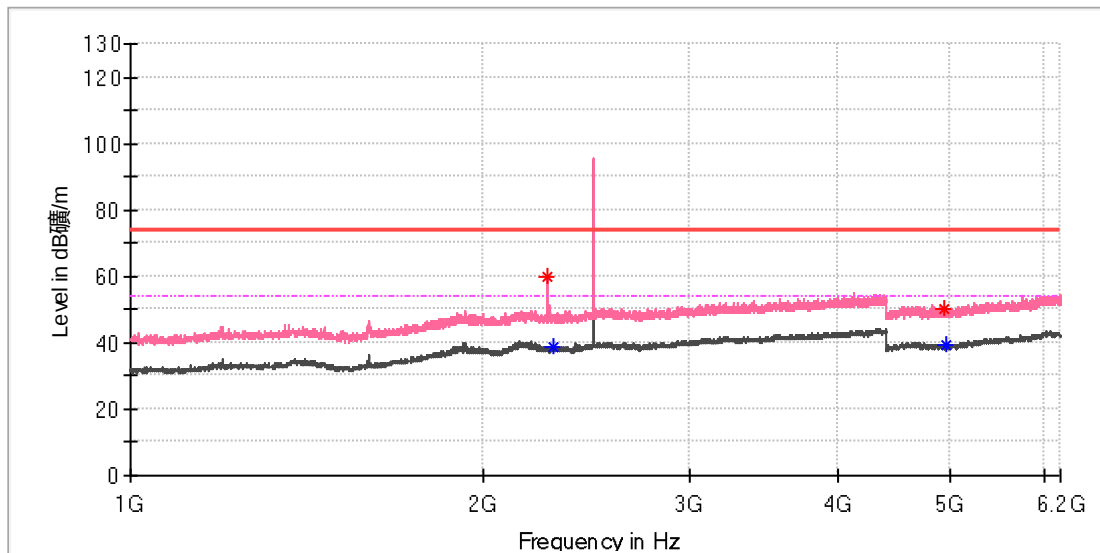
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4961.000000	---	39.67	54.00	14.33	150.0	H	9.0	11.8
4989.000000	51.69	---	74.00	22.31	150.0	H	30.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

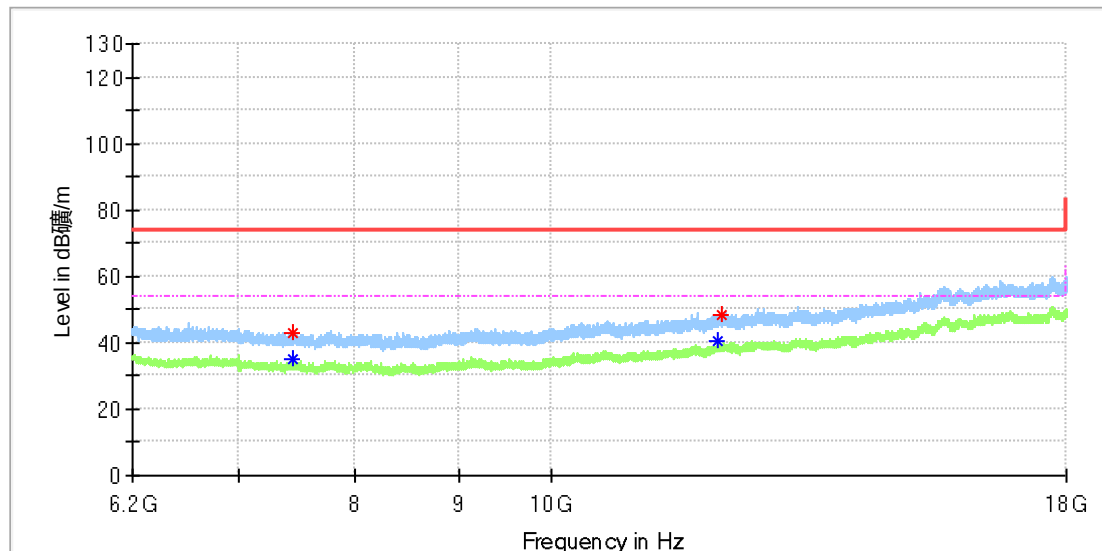
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2267.500000	59.64	---	74.00	14.36	150.0	V	122.0	6.4
2294.500000	---	38.99	54.00	15.01	150.0	V	309.0	6.4
4944.000000	50.27	---	74.00	23.73	150.0	V	1.0	11.8
4953.000000	---	39.29	54.00	14.71	150.0	V	35.0	11.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

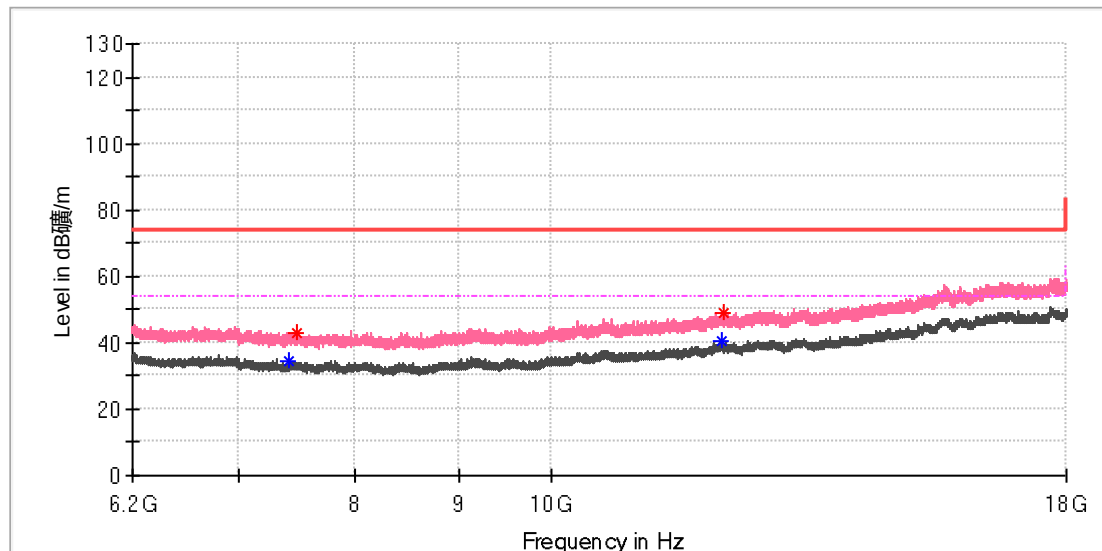
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	34.94	54.00	19.06	150.0	H	309.0	8.4
7452.275000	42.72	---	74.00	31.28	150.0	H	162.0	8.5
12078.366667	---	40.38	54.00	13.62	150.0	H	7.0	14.1
12148.183333	48.62	---	74.00	25.38	150.0	H	99.0	14.4

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
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)
7410.483333	---	34.57	54.00	19.43	150.0	V	60.0	8.3
7472.433333	43.20	---	74.00	30.80	150.0	V	191.0	8.6
12158.508333	---	40.24	54.00	13.76	150.0	V	60.0	14.5
12180.633333	48.85	---	74.00	25.15	150.0	V	178.0	14.6

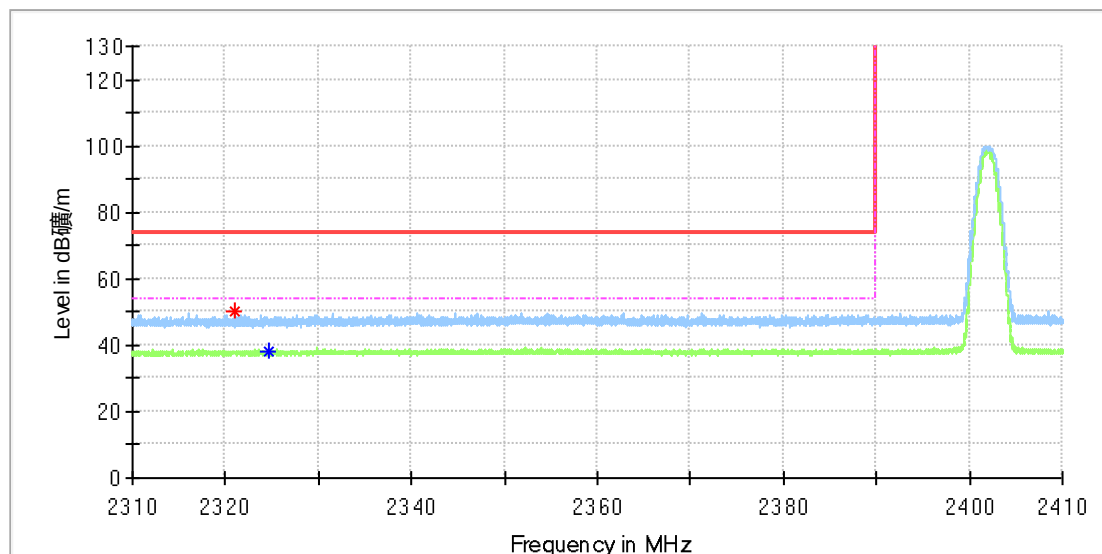
Final_Result

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

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

EUT Information

EUT Name:	Lenovo Wireless VoIP Headset
Model:	LB310
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168456688/A003644969-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

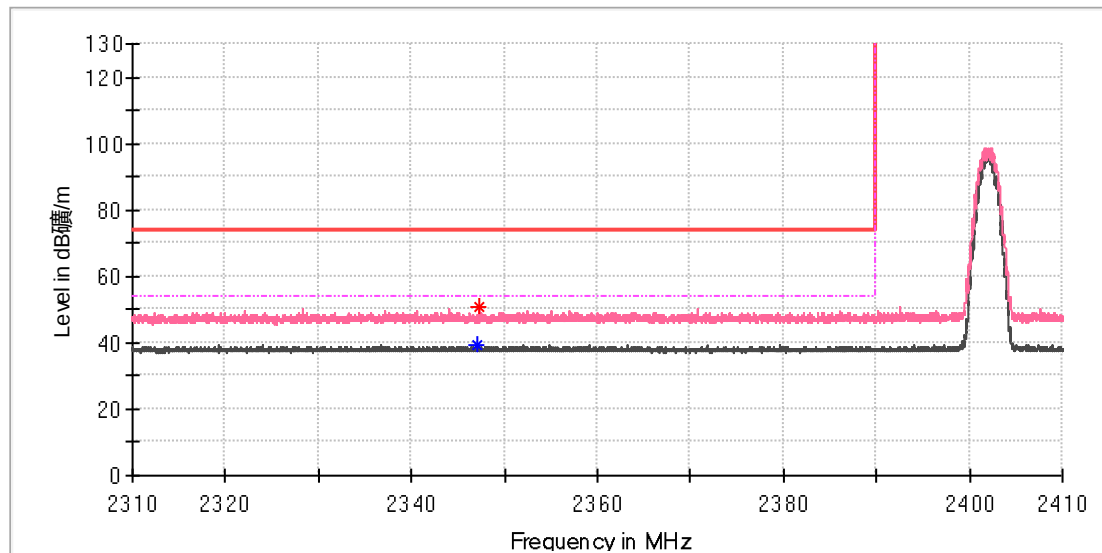
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2321.058824	49.96	---	74.00	24.04	150.0	H	313.0	6.6
2324.632353	---	38.26	54.00	15.74	150.0	H	256.0	6.6

Final Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

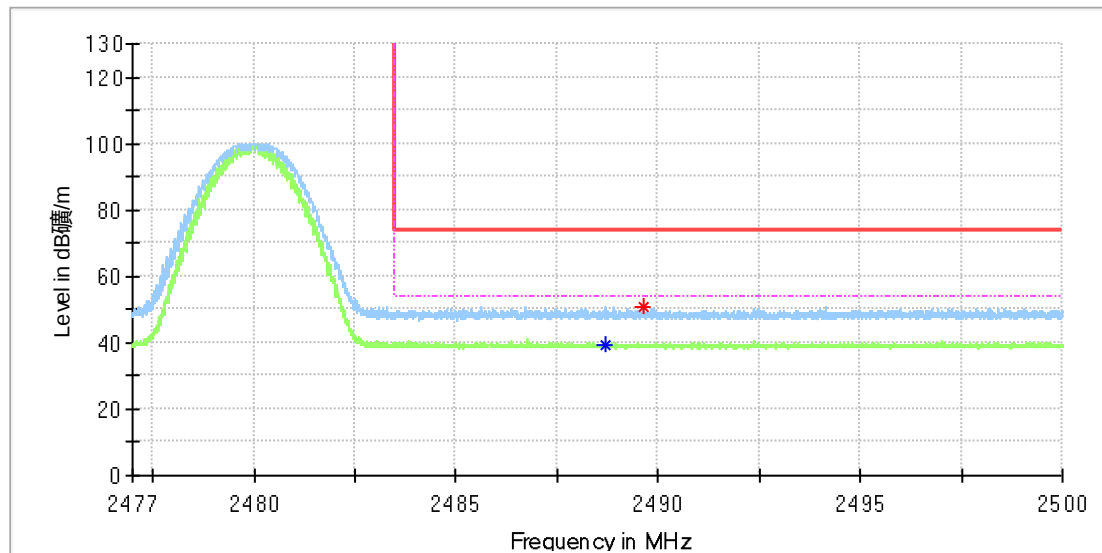
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2347.117647	---	39.03	54.00	14.97	150.0	V	288.0	6.9
2347.235294	50.97	---	74.00	23.03	150.0	V	233.0	6.9

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

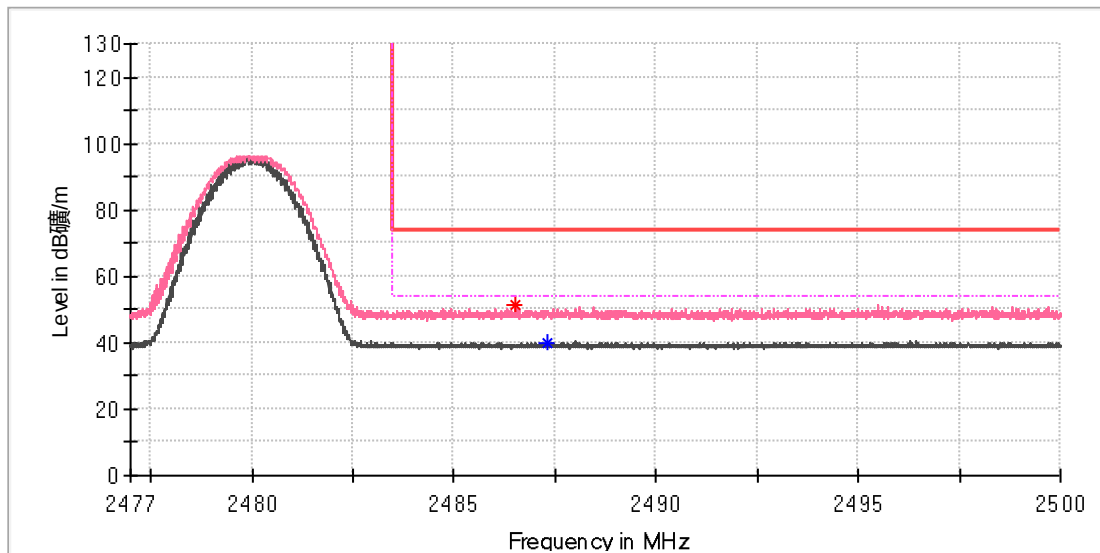
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.697059	---	39.37	54.00	14.63	150.0	H	135.0	7.4
2489.650000	51.01	---	74.00	22.99	150.0	H	324.0	7.4

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 1M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

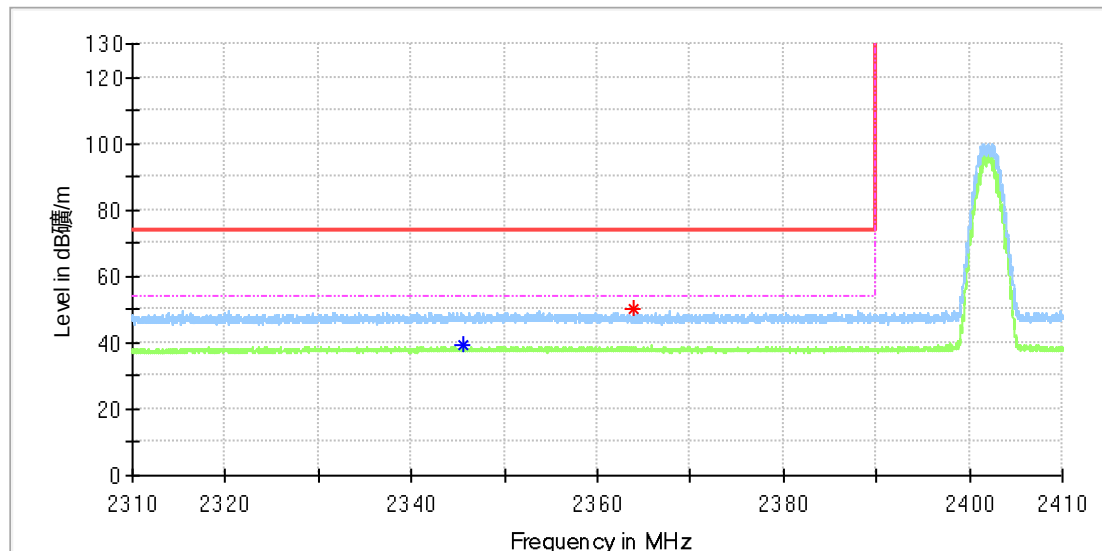
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.508824	51.49	---	74.00	22.51	150.0	V	36.0	7.4
2487.298530	---	39.80	54.00	14.20	150.0	V	297.0	7.4

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 2M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

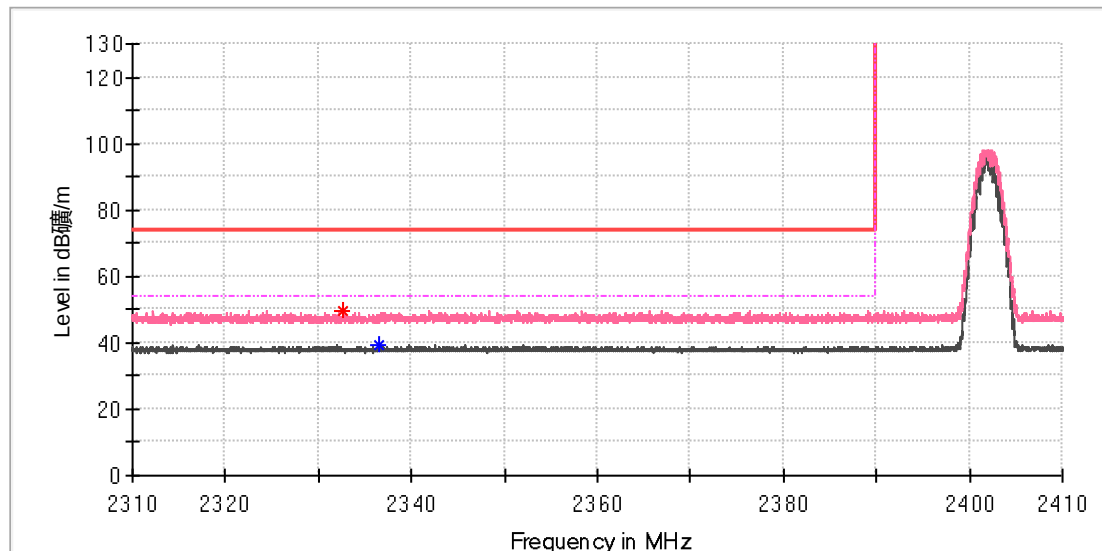
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.632353	---	39.21	54.00	14.79	150.0	H	213.0	6.9
2363.794118	49.94	---	74.00	24.06	150.0	H	49.0	6.9

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 2M_Low channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

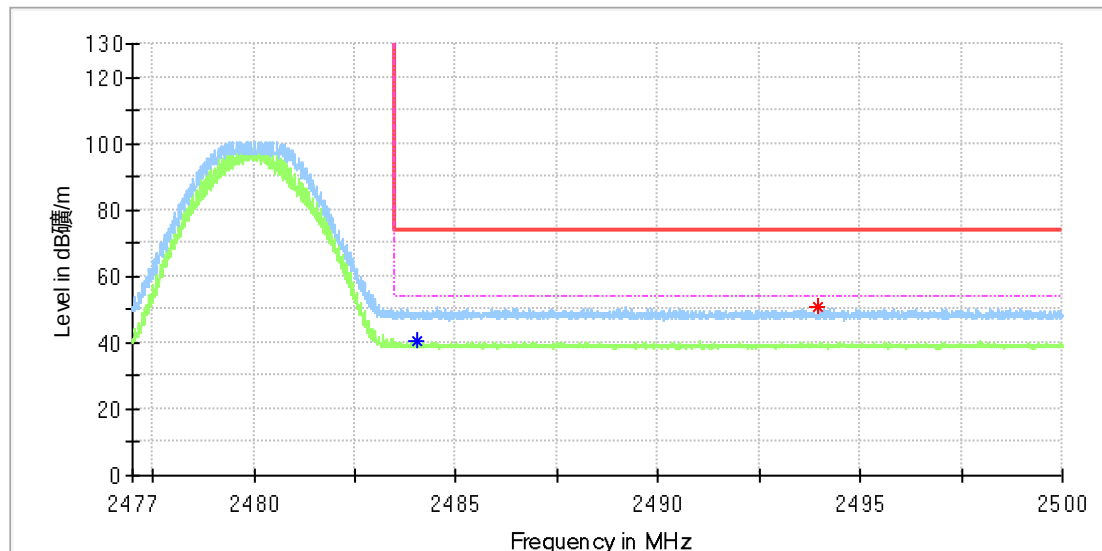
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2332.691177	49.65	---	74.00	24.35	150.0	V	150.0	6.7
2336.602941	---	39.21	54.00	14.79	150.0	V	18.0	6.8

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 2M_High channel
Order No/Sample No: 168456688/A003644969-003
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

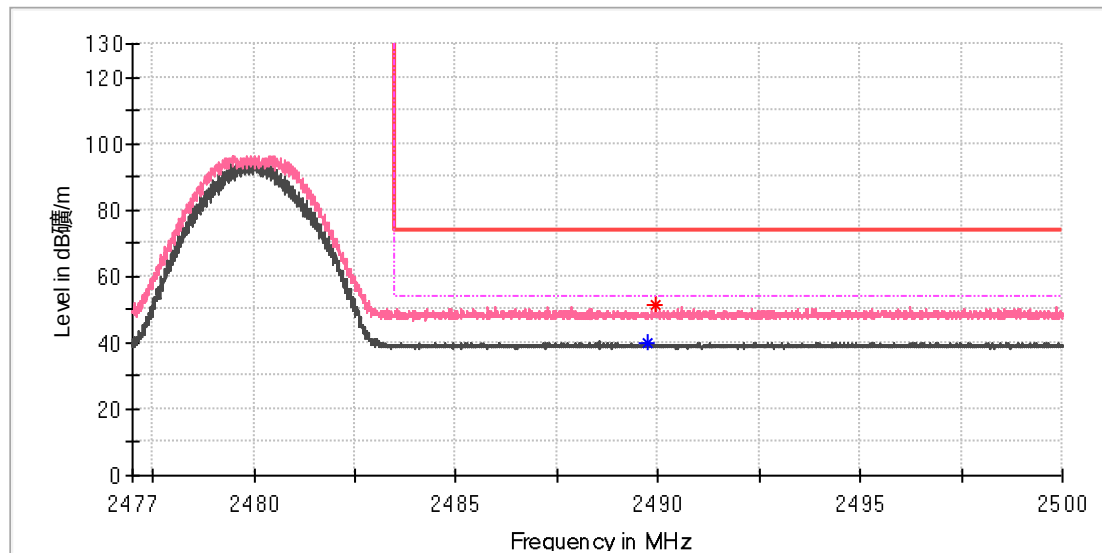
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.020588	---	40.65	54.00	13.35	150.0	H	230.0	7.4
2493.951471	50.88	---	74.00	23.13	150.0	H	64.0	7.4

Final_Result

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

EUT Information

EUT Name: Lenovo Wireless VoIP Headset
Model: LB310
Test Mode: BLE 2M_High channel
Order No/Sample No: 168456688/A003644969-003
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)
2489.733824	---	39.78	54.00	14.22	150.0	V	307.0	7.4
2489.945588	51.65	---	74.00	22.35	150.0	V	208.0	7.4

Final_Result

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