

Appendix A: Test Results of Bluetooth LE

APPENDIX A: TEST RESULTS OF BLUETOOTH LE	1
APPENDIX A.1: TEST RESULTS OF 6dB BANDWIDTH	2
Test Result	2
Test Graphs	3
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH	6
Test Result	6
Test Graphs	7
APPENDIX A.3: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	10
Test Result	10
Test Graphs	11
APPENDIX A.4: TEST RESULTS OF BAND EDGE MEASUREMENTS	14
Bluetooth LE, 1Mbps	14
Bluetooth LE, 2Mbps	15
APPENDIX A.5: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION	16
Test Result	16
Test Graphs	17
APPENDIX A.6: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	24
30MHz - 1GHz	24
1GHz - 18GHz	26
APPENDIX A.7: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	38
APPENDIX A.8: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	46

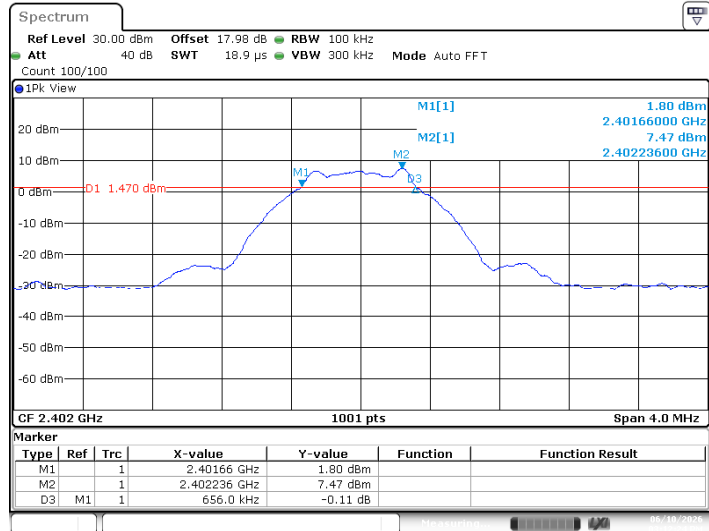
Appendix A.1: Test Results of 6dB Bandwidth

Test Result

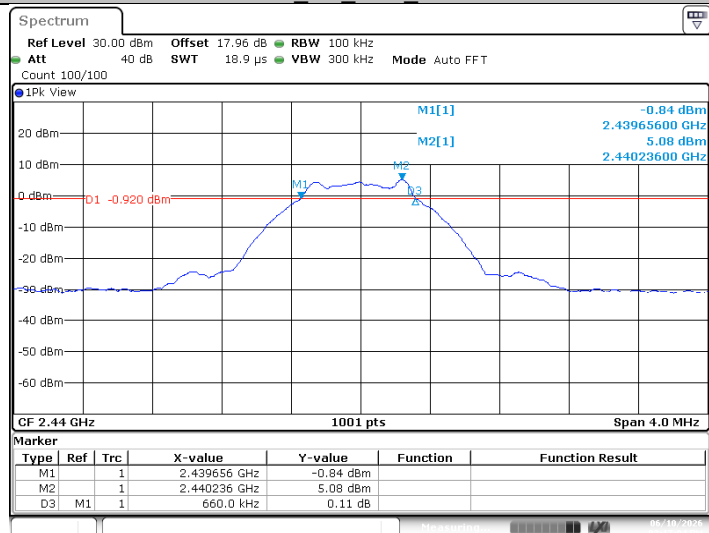
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.66	2402.32	0.5	PASS
		2440	0.66	2439.66	2440.32	0.5	PASS
		2480	0.66	2479.66	2480.32	0.5	PASS
BLE_2M	Ant1	2402	1.17	2401.40	2402.57	0.5	PASS
		2440	1.17	2439.40	2440.57	0.5	PASS
		2480	1.18	2479.40	2480.57	0.5	PASS

Test Graphs

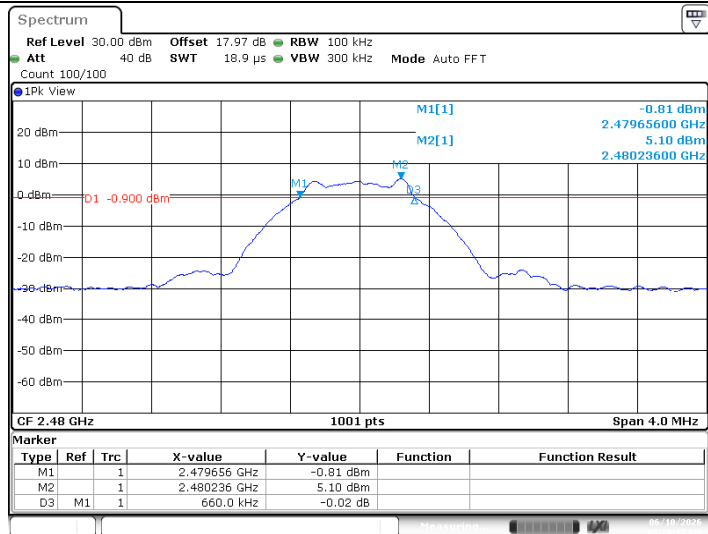
BLE 1M Ant1_2402



BLE 1M Ant1_2440

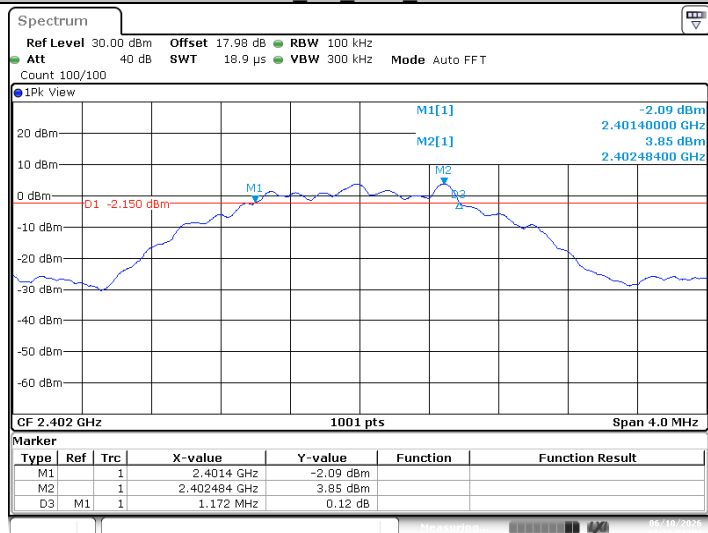


BLE 1M Ant1_2480



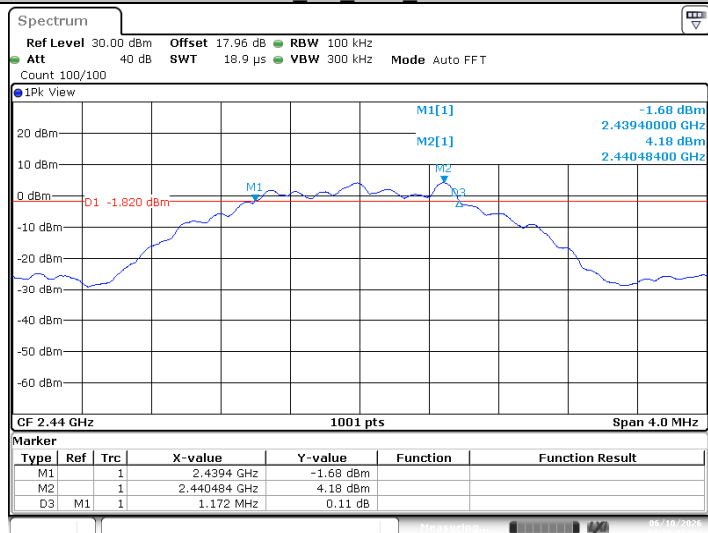
Date: 10.JUN.2026 15:20:17

BLE 2M Ant1_2402



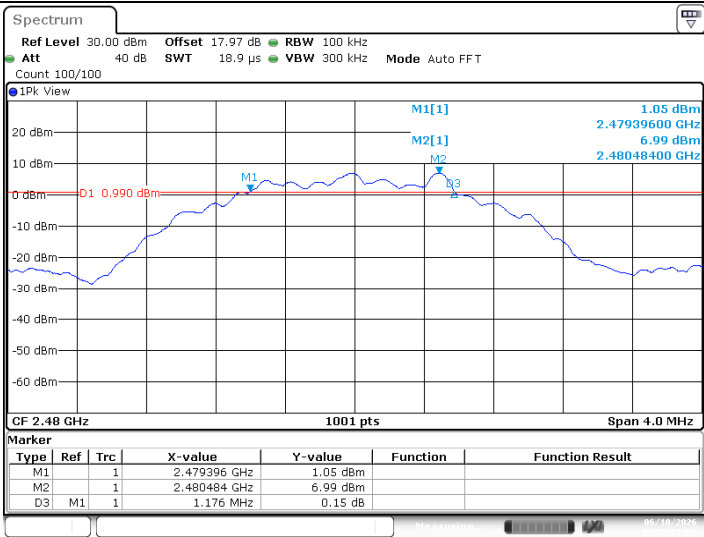
Date: 10.JUN.2026 15:23:57

BLE 2M Ant1_2440



Date: 10.JUN.2026 15:29:25

BLE 2M Ant1_2480



Date: 10.JUN.2026 15:32:26

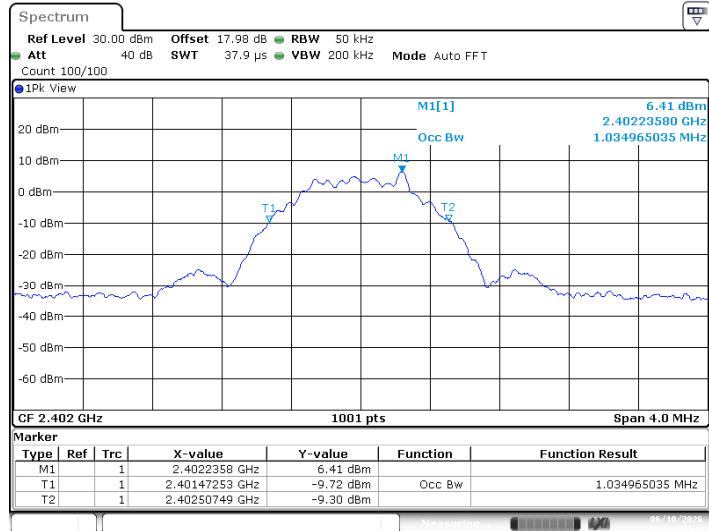
Appendix A.2: Test Results of 99% Bandwidth

Test Result

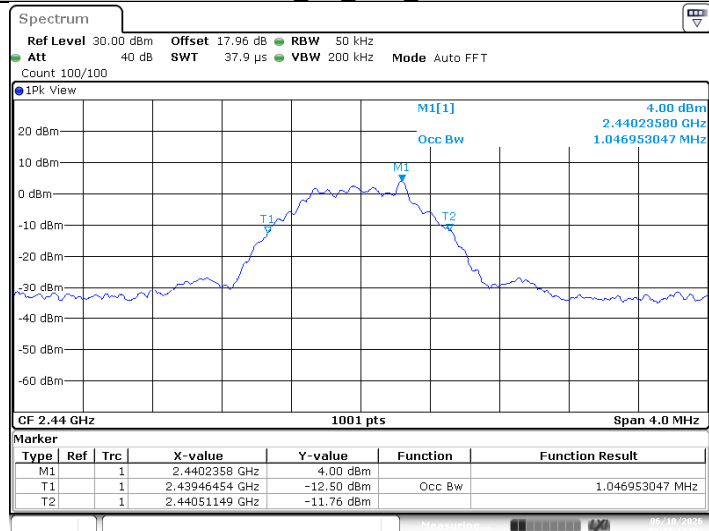
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0350	2401.4725	2402.5075	---	PASS
		2440	1.0470	2439.4645	2440.5115	---	PASS
		2480	1.0470	2479.4645	2480.5115	---	PASS
BLE_2M	Ant1	2402	2.0779	2400.9650	2403.0430	---	PASS
		2440	2.0859	2438.9610	2441.0470	---	PASS
		2480	2.0659	2478.9730	2481.0390	---	PASS

Test Graphs

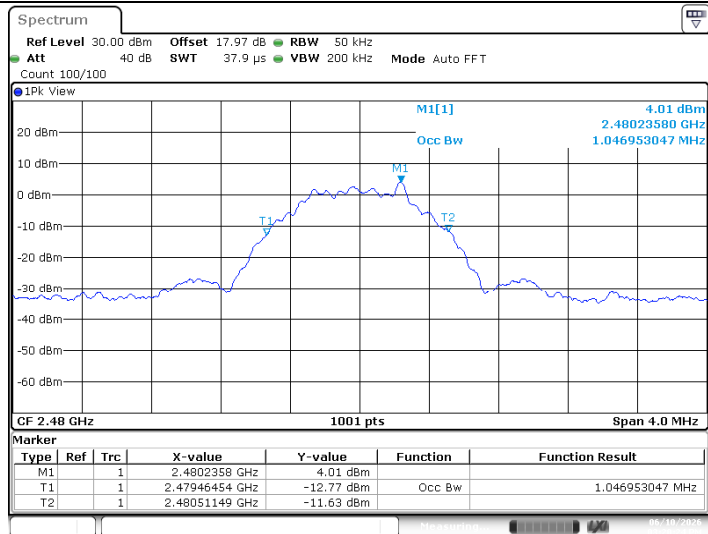
BLE 1M Ant1_2402



BLE 1M Ant1_2440

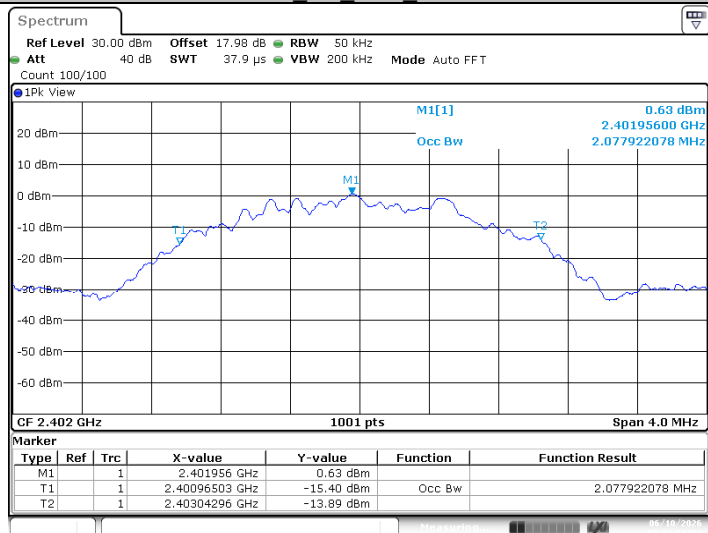


BLE 1M Ant1_2480



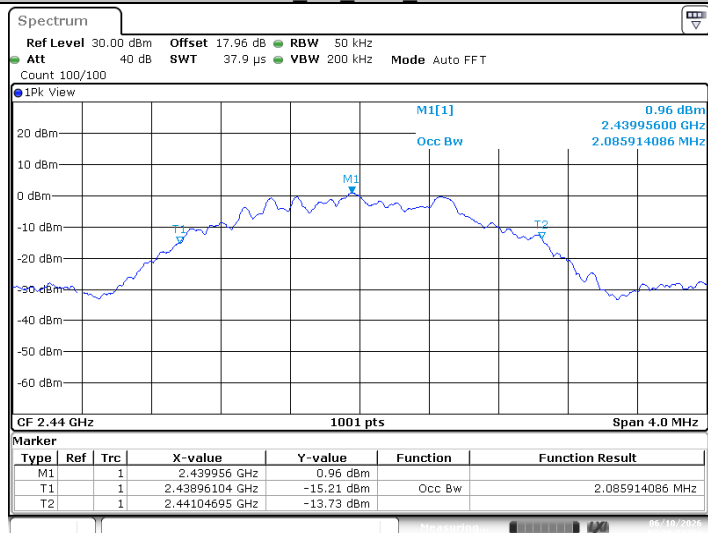
Date: 10.JUN.2026 15:20:24

BLE 2M Ant1_2402



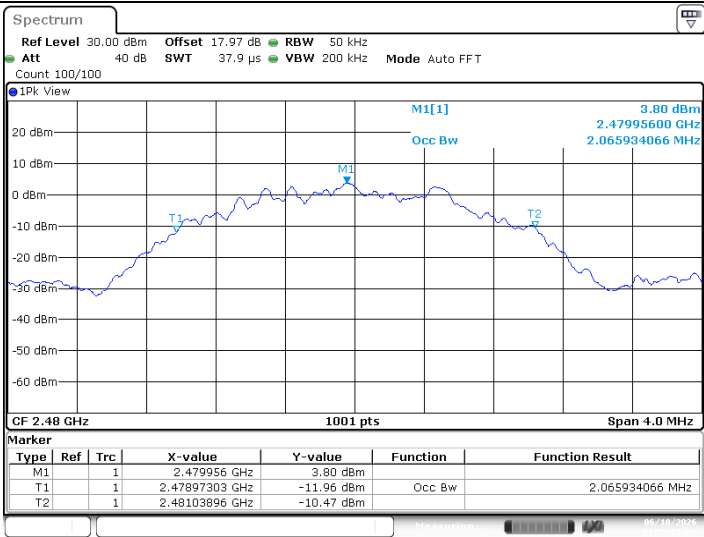
Date: 10.JUN.2026 15:24:03

BLE 2M Ant1_2440



Date: 10.JUN.2026 15:29:32

BLE 2M Ant1_2480



Date: 10.JUN.2026 15:32:33

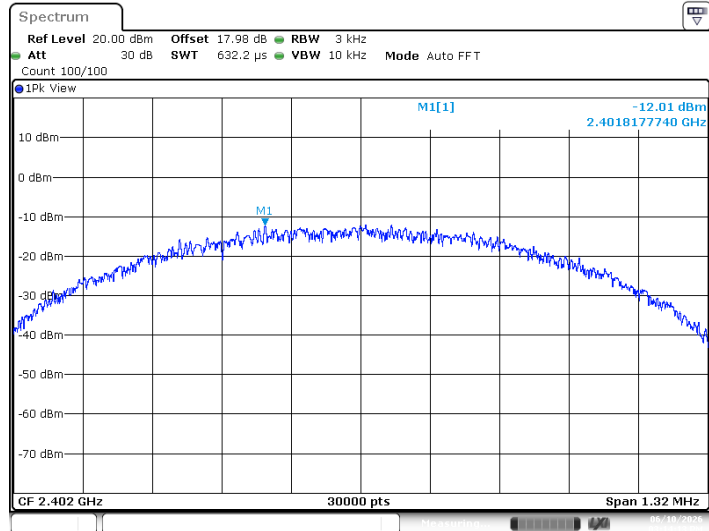
Appendix A.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.01	≤8.00	PASS
		2440	-11.54	≤8.00	PASS
		2480	-11.62	≤8.00	PASS
BLE_2M	Ant1	2402	-14.66	≤8.00	PASS
		2440	-14.19	≤8.00	PASS
		2480	-14.29	≤8.00	PASS

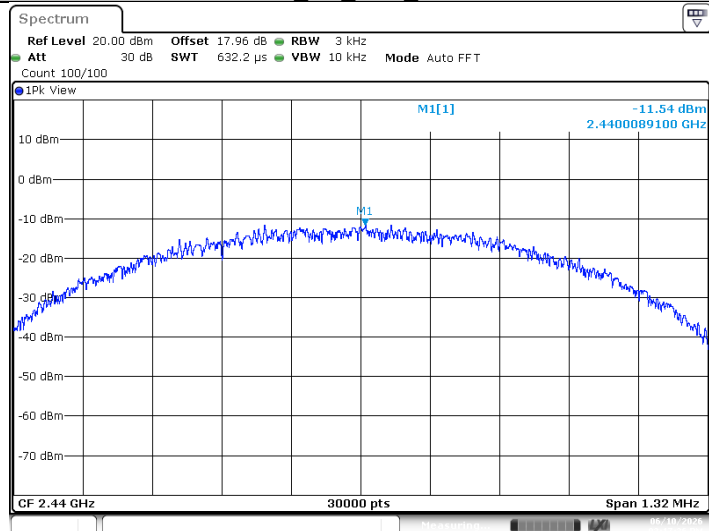
Test Graphs

BLE_1M_Ant1_2402



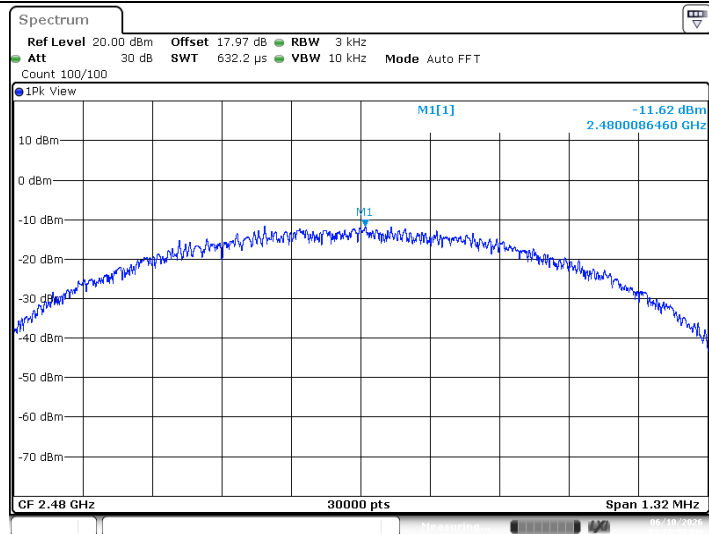
Date: 10.JUN.2026 15:14:13

BLE_1M_Ant1_2440



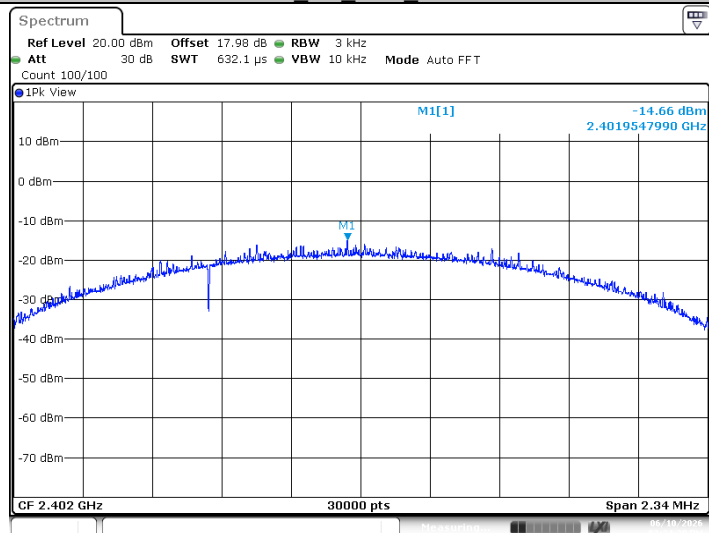
Date: 10.JUN.2026 15:17:36

BLE_1M_Ant1_2480



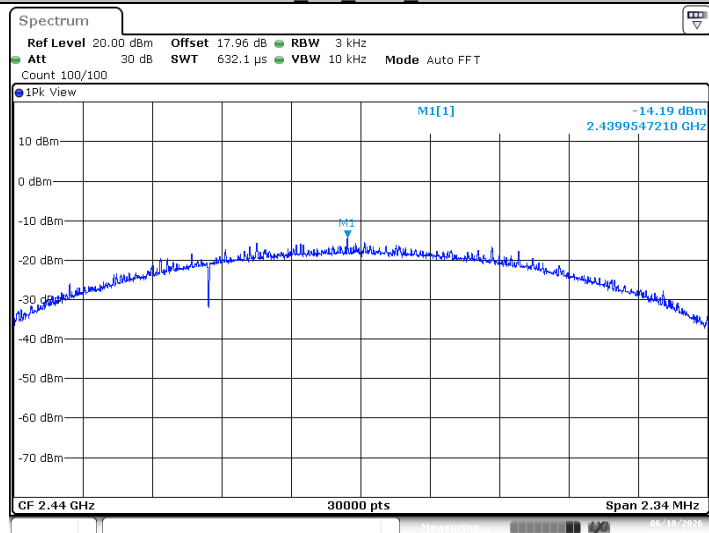
Date: 10.JUN.2026 15:20:50

BLE 2M Ant1 2402



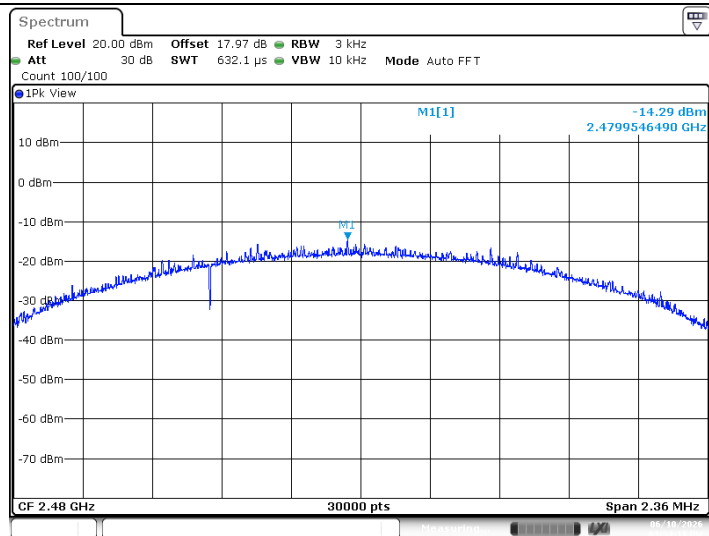
Date: 10.JUN.2026 15:24:29

BLE 2M Ant1 2440



Date: 10.JUN.2026 15:29:56

BLE 2M Ant1 2480

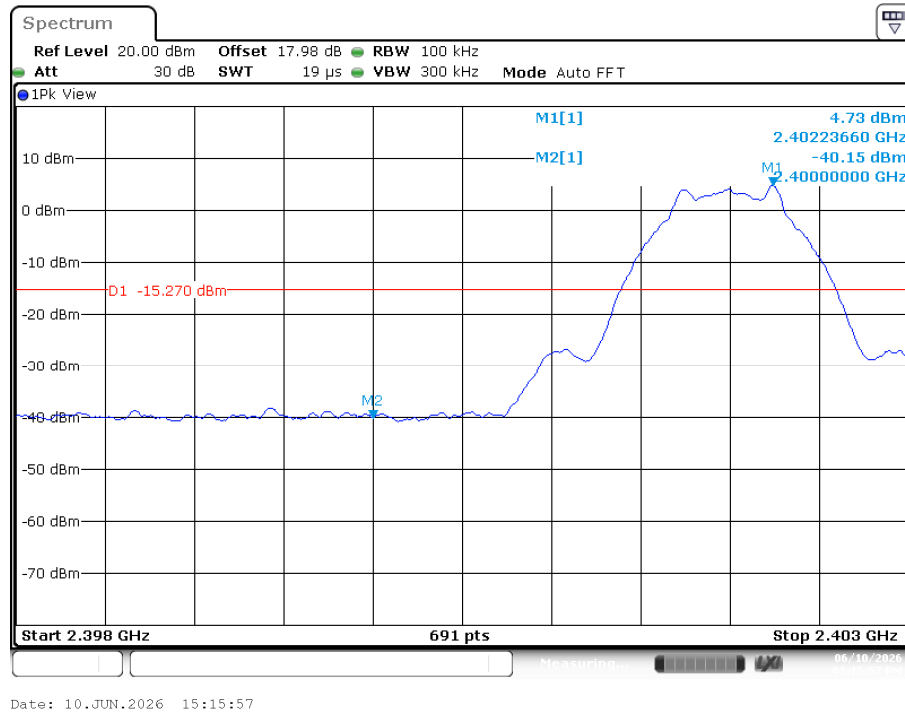


Date: 10.JUN.2026 15:34:11

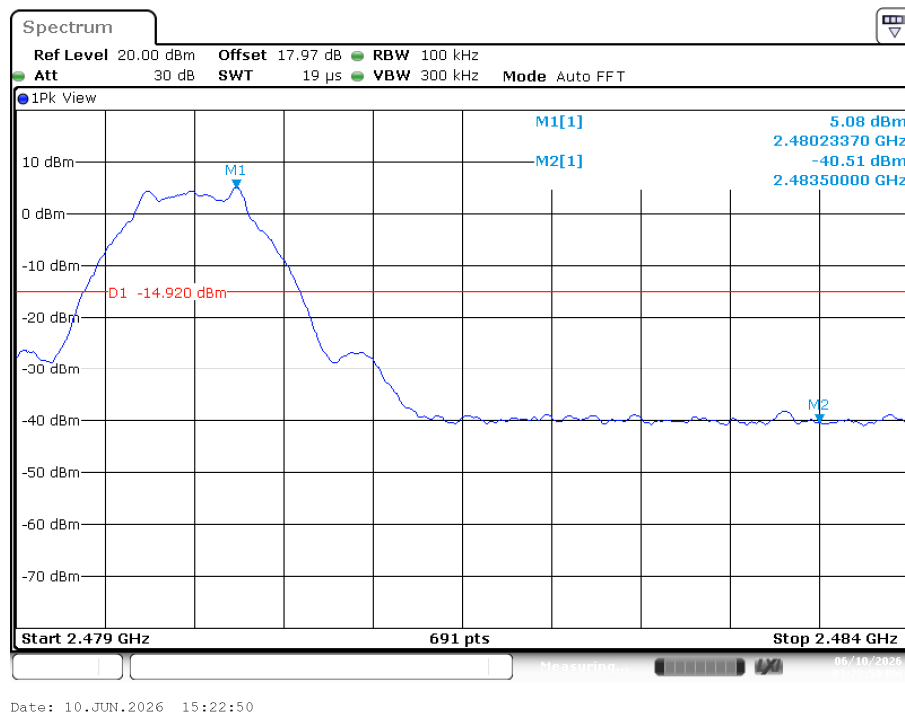
Appendix A.4: Test Results of Band Edge Measurements

Bluetooth LE, 1Mbps

Low Channel

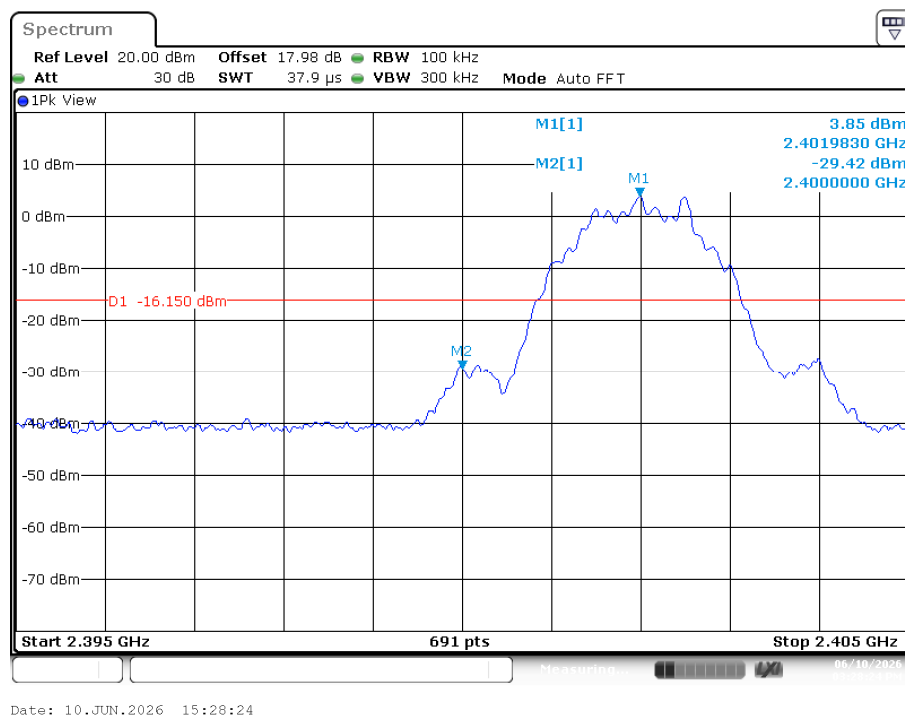


High Channel

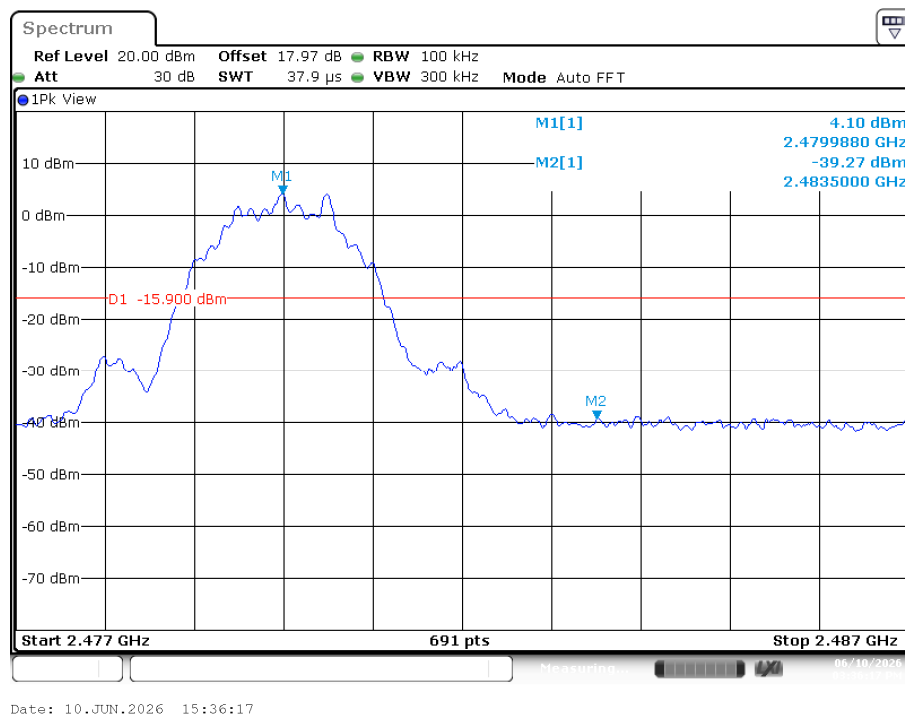


Bluetooth LE, 2Mbps

Low Channel



High Channel



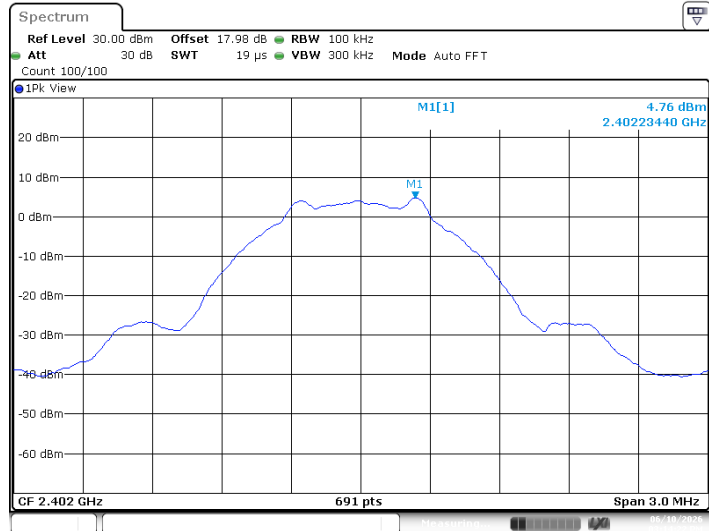
Appendix A.5: Test Results of Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-48.73	≤-15.24	PASS
			1000~26500	4.76	-42.22	≤-15.24	PASS
		2440	Reference	5.07	5.07	---	PASS
			30~1000	5.07	-48.63	≤-14.93	PASS
			1000~26500	5.07	-42.6	≤-14.93	PASS
		2480	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-48.56	≤-14.91	PASS
			1000~26500	5.09	-42.74	≤-14.91	PASS
BLE_2M	Ant1	2402	Reference	3.81	3.81	---	PASS
			30~1000	3.81	-48.64	≤-16.19	PASS
			1000~26500	3.81	-41.99	≤-16.19	PASS
		2440	Reference	4.18	4.18	---	PASS
			30~1000	4.18	-48.71	≤-15.82	PASS
			1000~26500	4.18	-42.51	≤-15.82	PASS
		2480	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-47.67	≤-15.86	PASS
			1000~26500	4.14	-42.85	≤-15.86	PASS

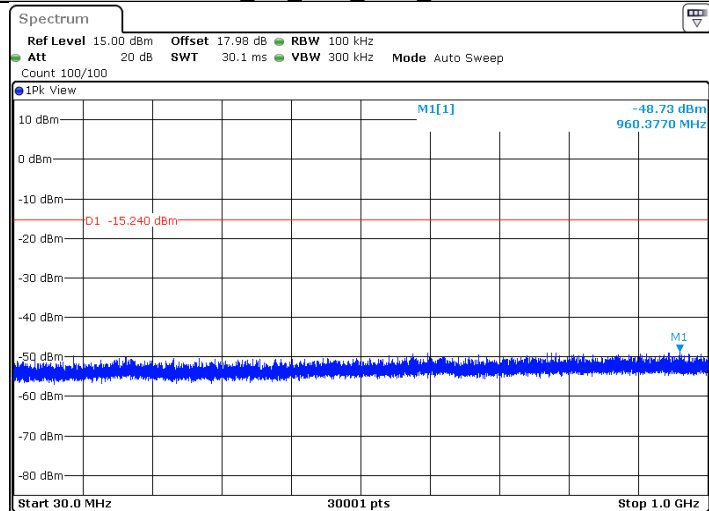
Test Graphs

BLE_1M_Ant1_2402_0~Reference



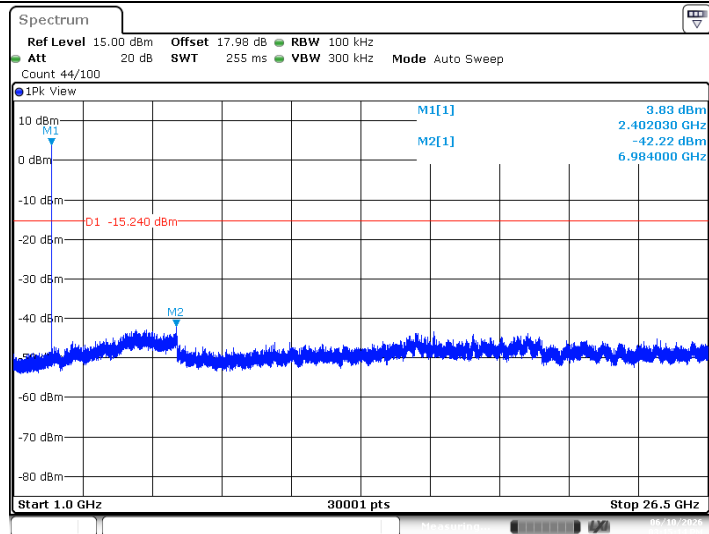
Date: 10.JUN.2026 15:14:22

BLE_1M_Ant1_2402_30~1000



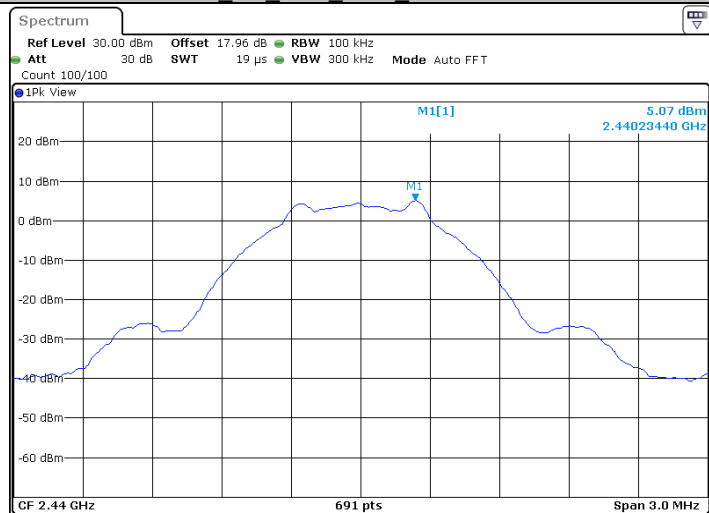
Date: 10.JUN.2026 15:14:35

BLE_1M_Ant1_2402_1000~26500



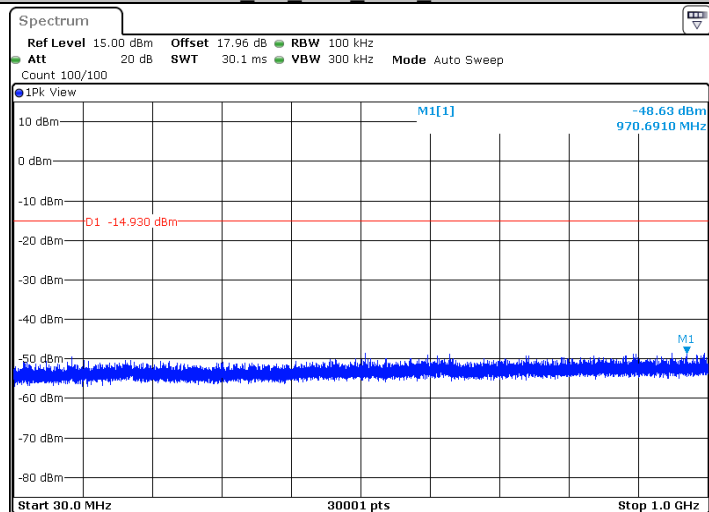
Date: 10.JUN.2026 15:15:14

BLE 1M Ant1 2440 0~Reference



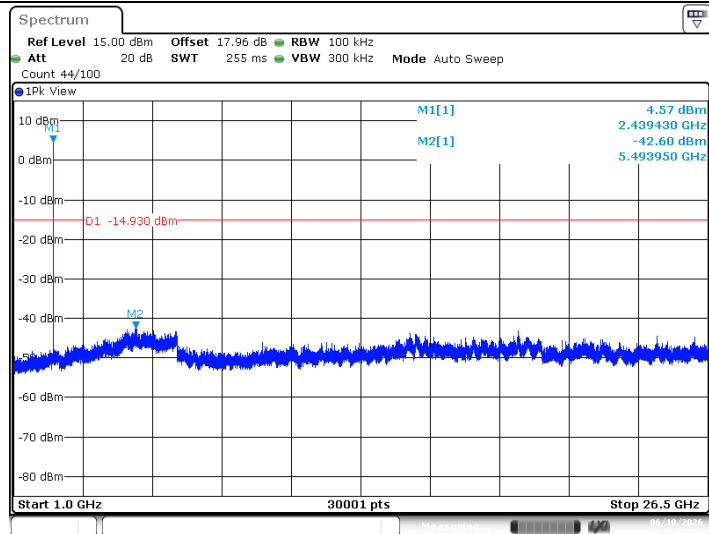
Date: 10.JUN.2026 15:17:45

BLE 1M Ant1 2440 30~1000



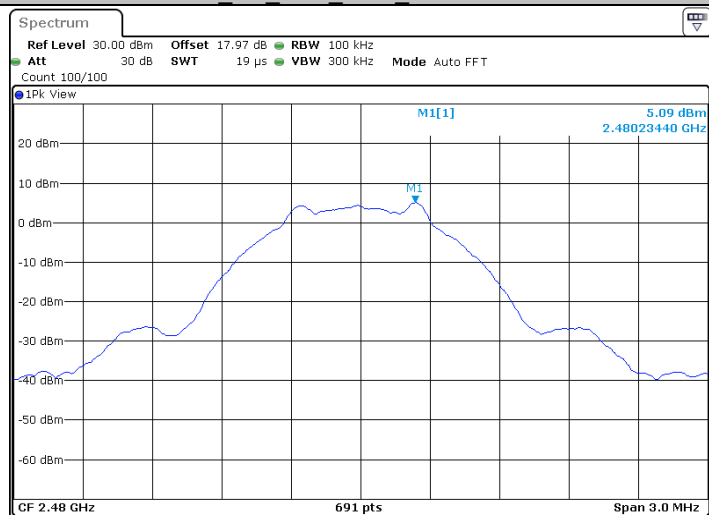
Date: 10.JUN.2026 15:17:58

BLE 1M Ant1 2440 1000~26500



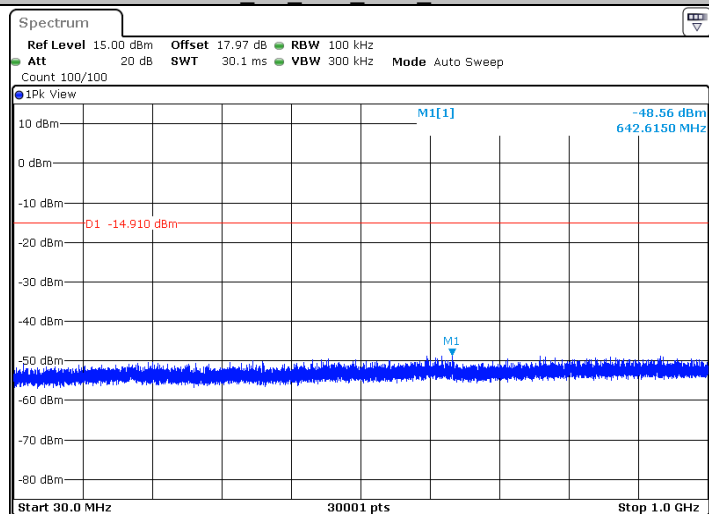
Date: 10.JUN.2026 15:18:37

BLE 1M Ant1 2480 0~Reference



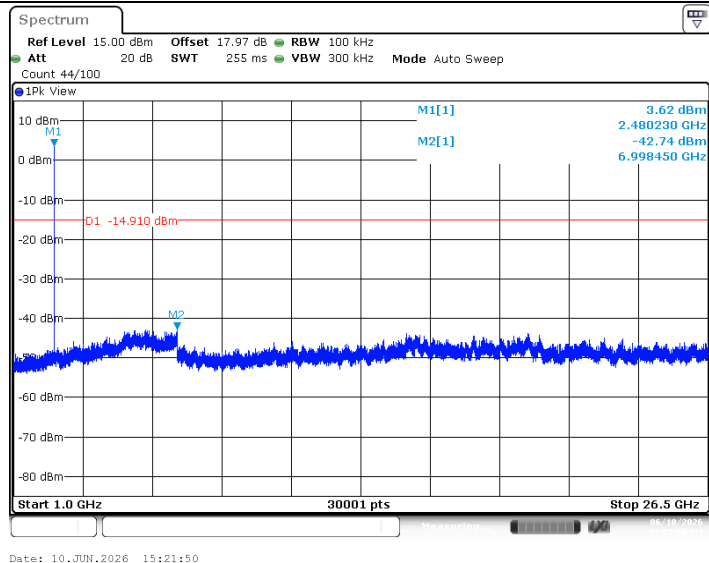
Date: 10.JUN.2026 15:20:58

BLE 1M Ant1 2480 30~1000

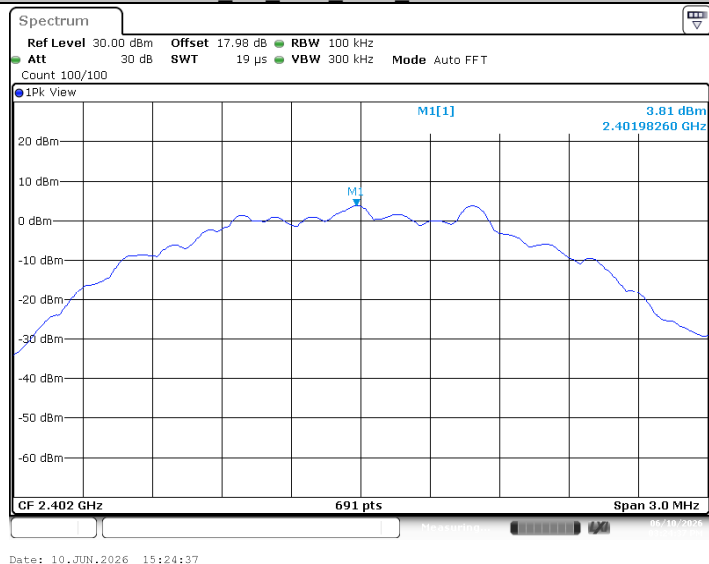


Date: 10.JUN.2026 15:21:12

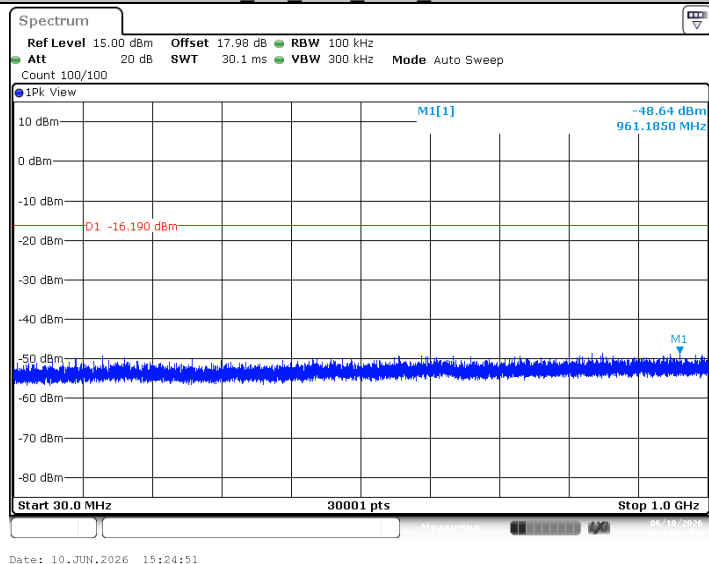
BLE 1M Ant1 2480 1000~26500



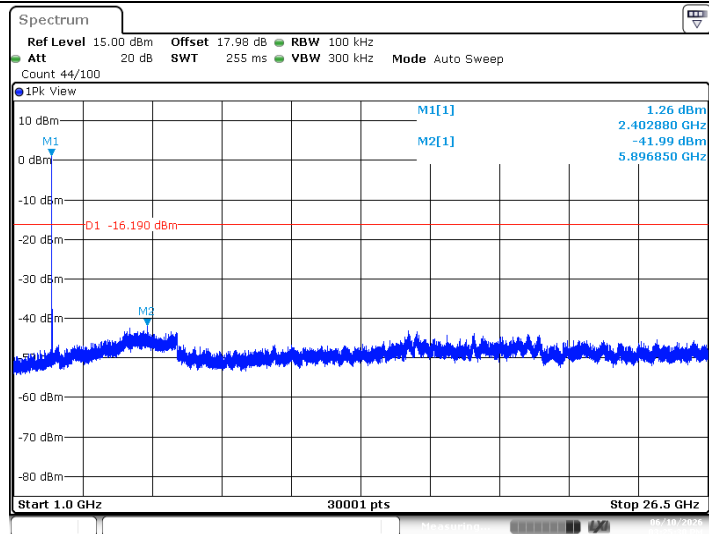
BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000

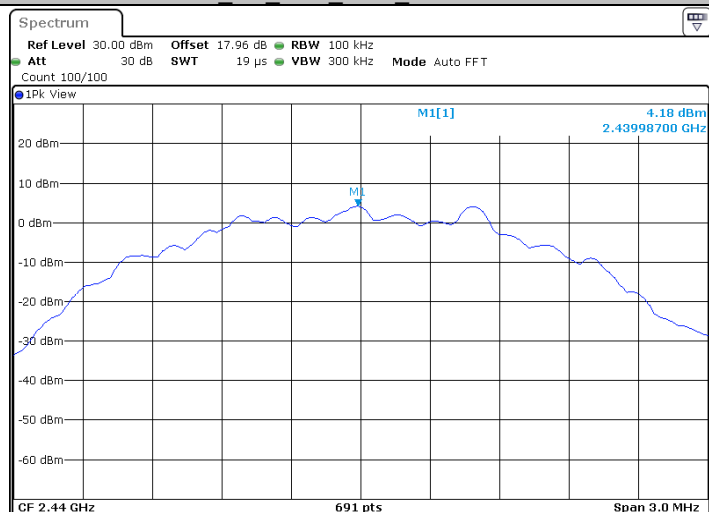


BLE 2M Ant1 2402 1000~26500



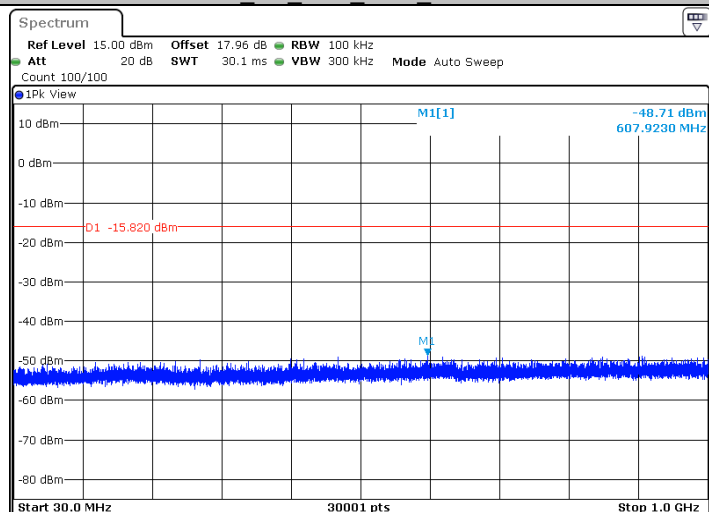
Date: 10.JUN.2026 15:25:30

BLE 2M Ant1 2440 0~Reference



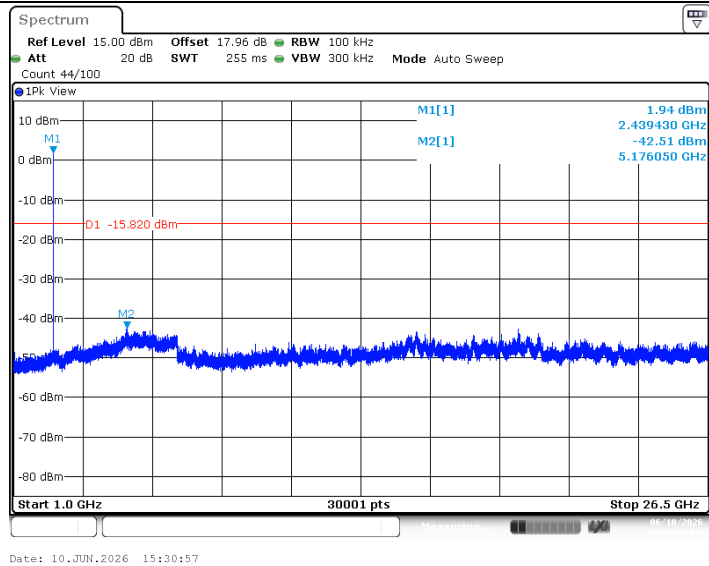
Date: 10.JUN.2026 15:30:05

BLE 2M Ant1 2440 30~1000

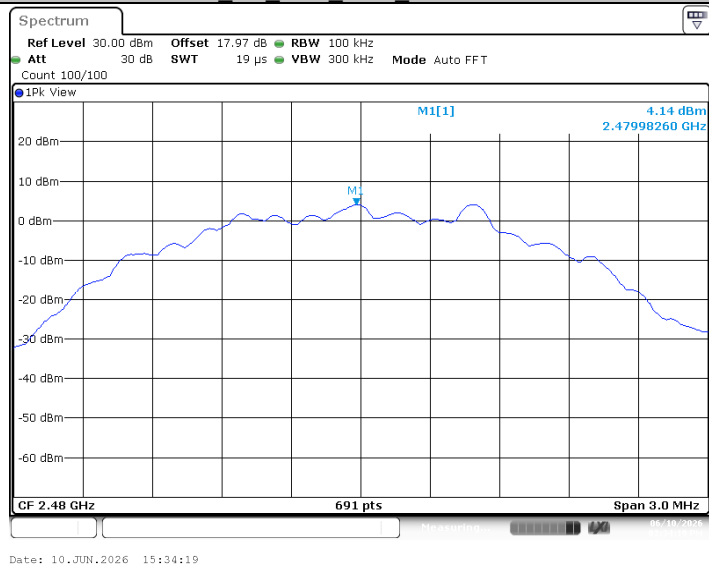


Date: 10.JUN.2026 15:30:18

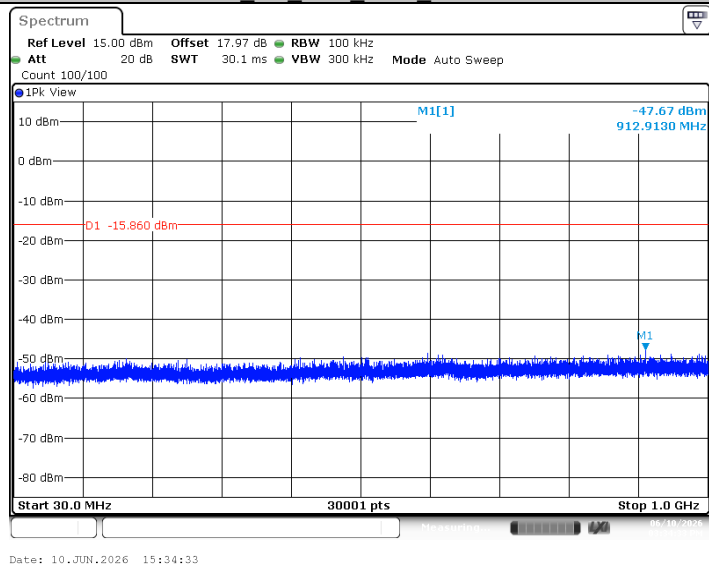
BLE 2M Ant1 2440 1000~26500



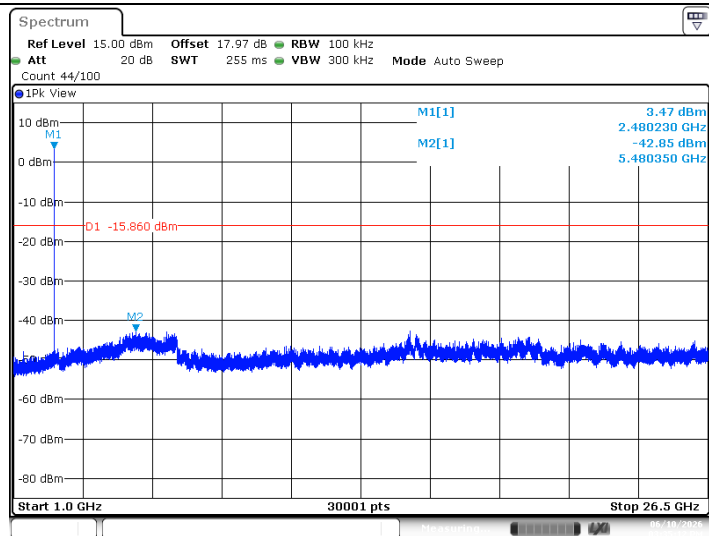
BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Date: 10.JUN.2026 15:35:12

Appendix A.6: Test Results of Radiated Spurious Emissions

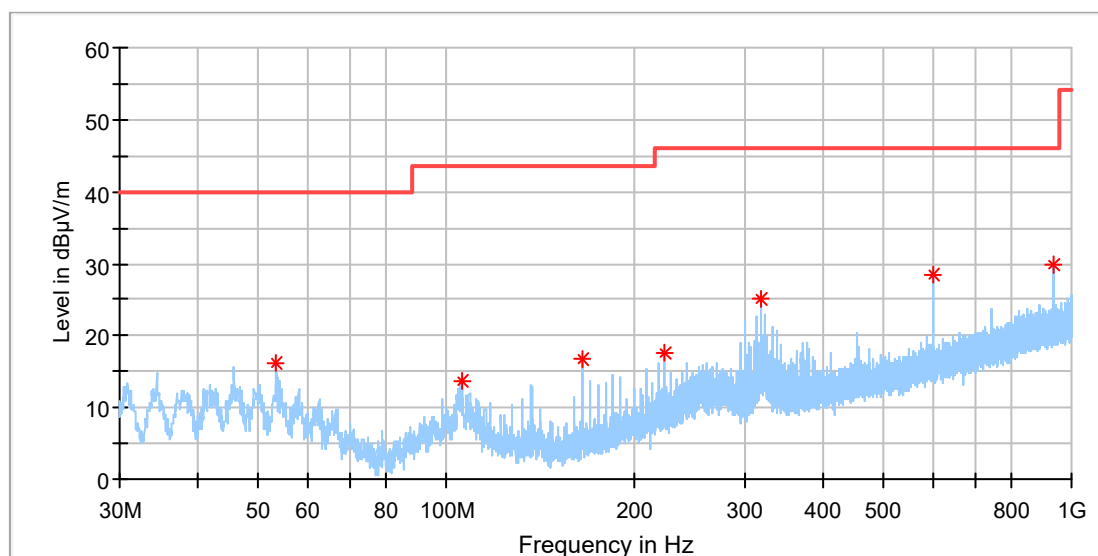
Note:

- 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.

30MHz - 1GHz

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

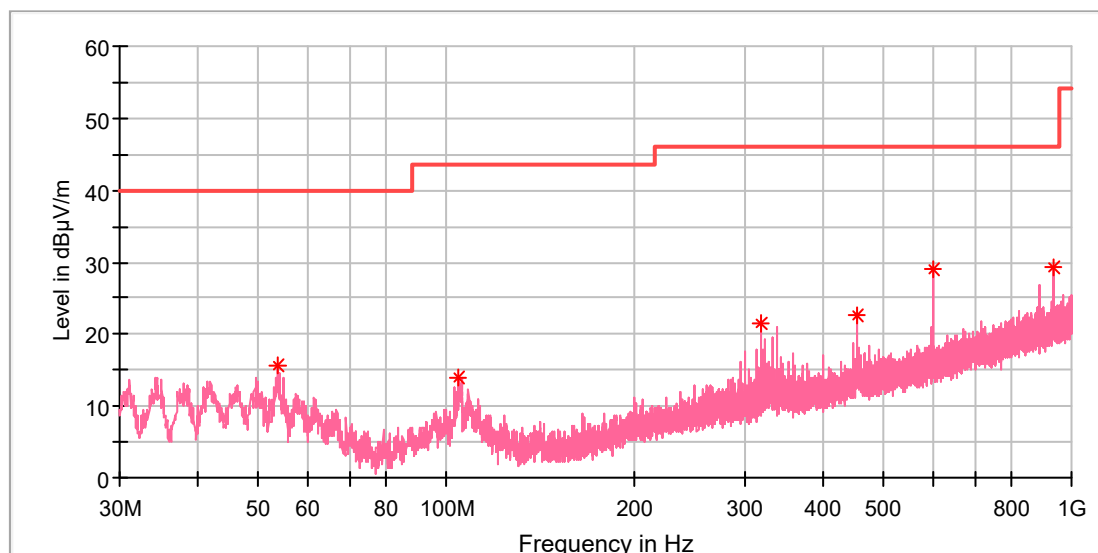
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.549444	16.16	40.00	23.84	100.0	H	156.0	-18.5
105.600000	13.56	43.50	29.94	100.0	H	175.0	-18.9
165.584444	16.72	43.50	26.78	100.0	H	75.0	-21.5
223.191667	17.66	46.00	28.34	100.0	H	300.0	-18.5
223.167778	25.06	46.00	20.94	100.0	H	120.0	-15.7
599.982778	28.34	46.00	17.66	100.0	H	239.0	-9.7
938.405000	29.80	46.00	16.20	100.0	H	75.0	-4.4

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0BES
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 27234857/A004285282-004
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
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)
53.818889	15.61	40.00	24.39	100.0	V	0.0	-18.5
104.636111	14.06	43.50	29.44	100.0	V	43.0	-18.9
319.167778	21.43	46.00	24.57	100.0	V	354.0	-15.7
453.566667	22.70	46.00	23.30	100.0	V	24.0	-12.7
599.982778	28.96	46.00	17.04	100.0	V	190.0	-9.7
938.405000	29.31	46.00	16.69	100.0	V	180.0	-4.4

Final Result

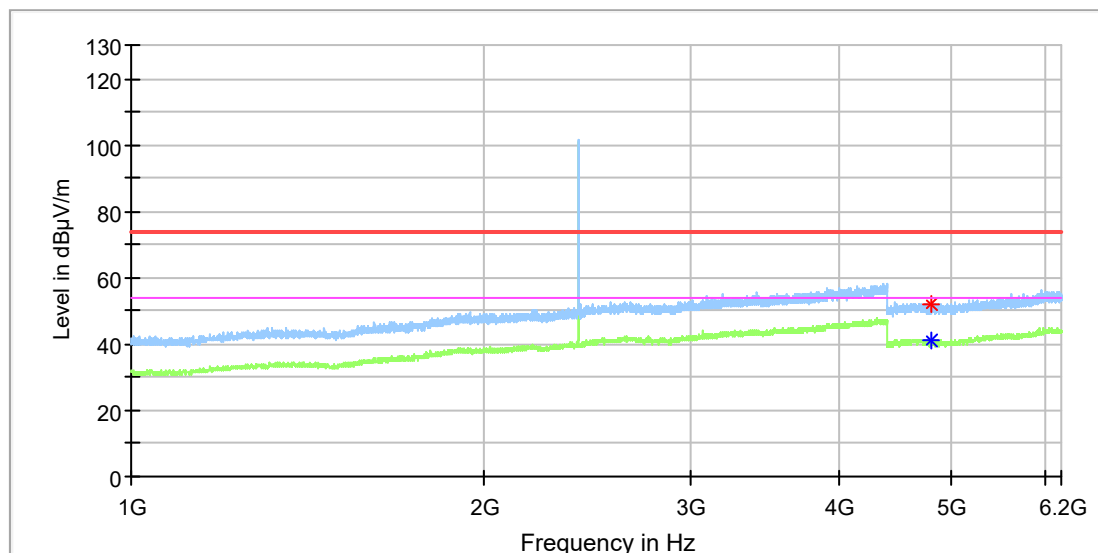
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

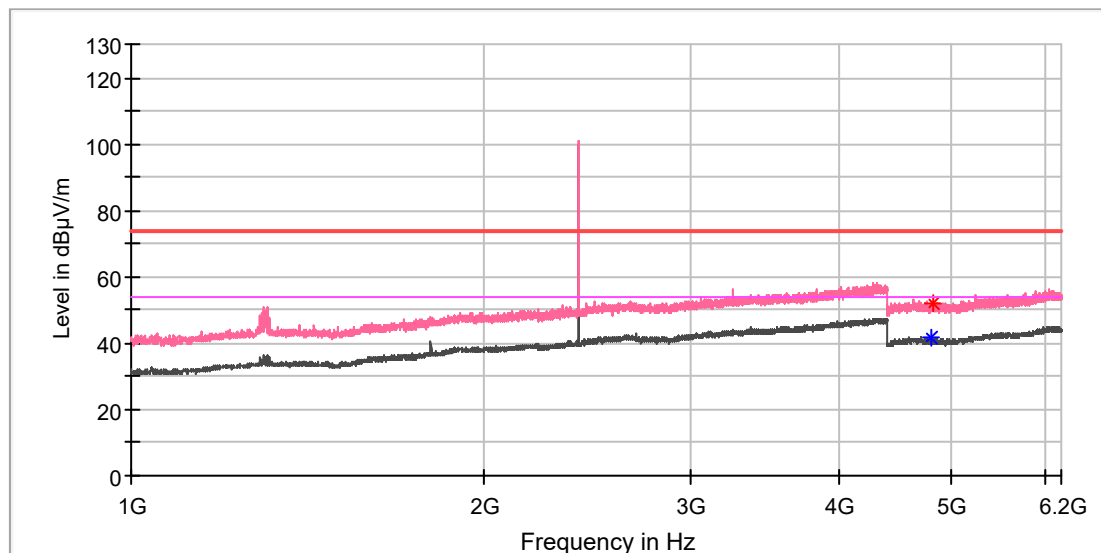
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.500000	---	41.07	54.00	12.93	150.0	H	114.0	13.3
4804.500000	51.89	---	74.00	22.11	150.0	H	159.0	13.3

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

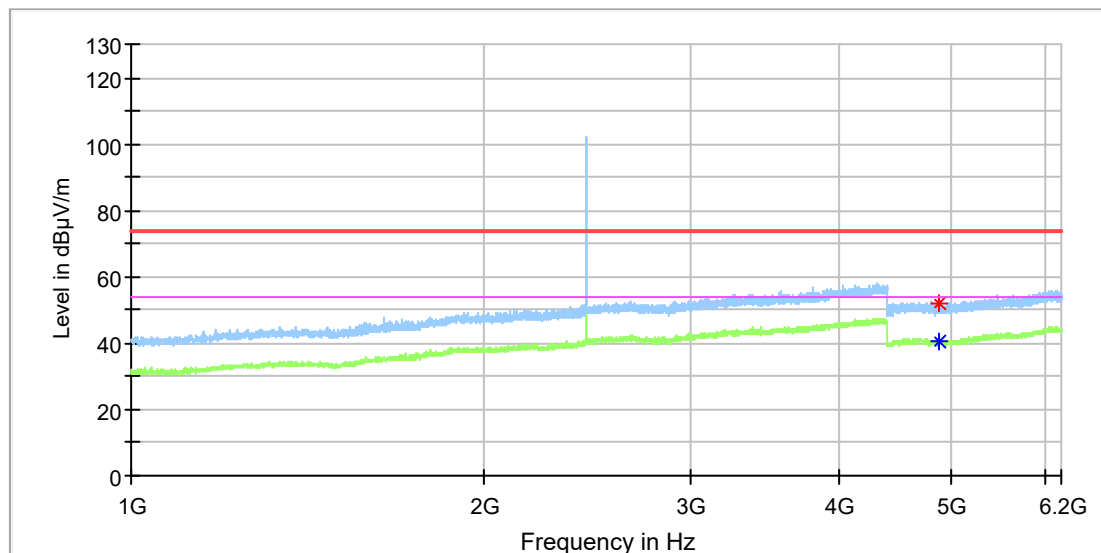
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.500000	---	41.80	54.00	12.20	150.0	V	83.0	13.3
4825.000000	51.97	---	74.00	22.03	150.0	V	223.0	13.3

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

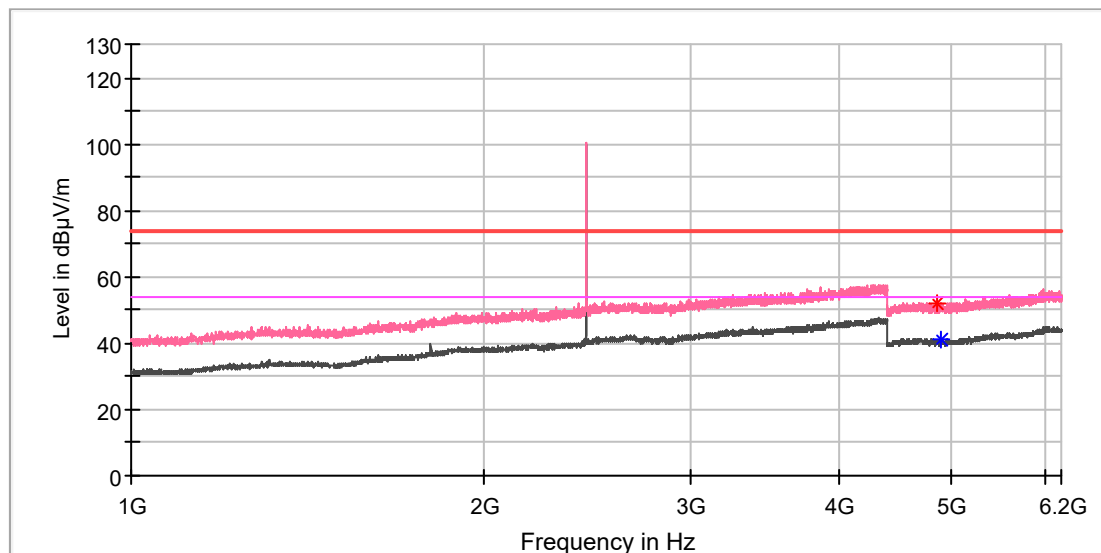
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	51.99	---	74.00	22.01	150.0	H	171.0	13.3
4882.000000	---	40.54	54.00	13.46	150.0	H	320.0	13.3

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
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)
4866.500000	51.78	---	74.00	22.22	150.0	V	227.0	13.3
4897.500000	---	40.96	54.00	13.04	150.0	V	282.0	13.3

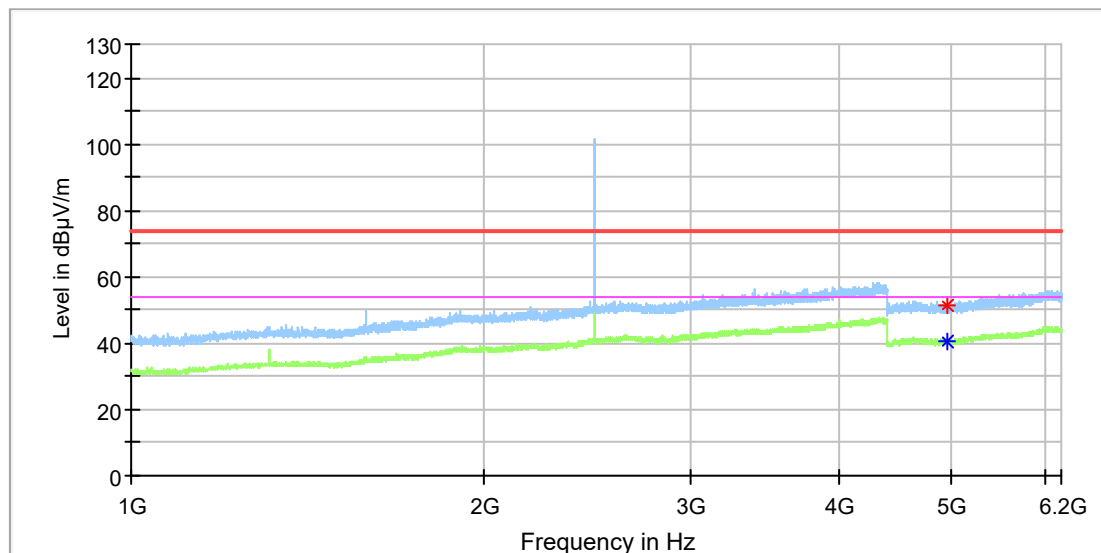
Final Result

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

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

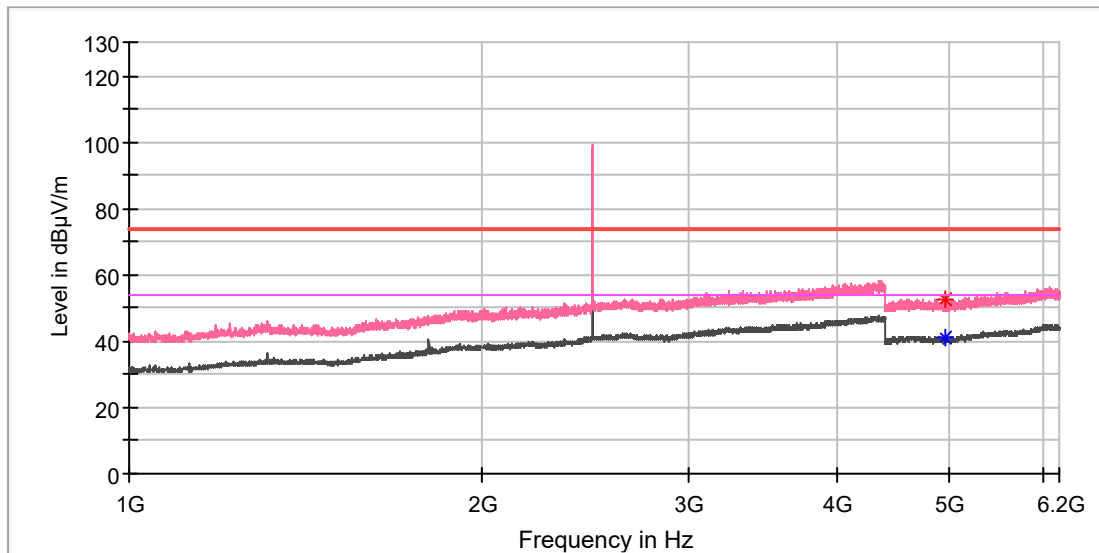
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4948.500000	51.52	---	74.00	22.48	150.0	H	103.0	13.3
4956.000000	---	40.81	54.00	13.19	150.0	H	97.0	13.3

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
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)
4958.000000	---	41.24	54.00	12.76	150.0	V	182.0	13.3
4960.500000	52.33	---	74.00	21.67	150.0	V	233.0	13.3

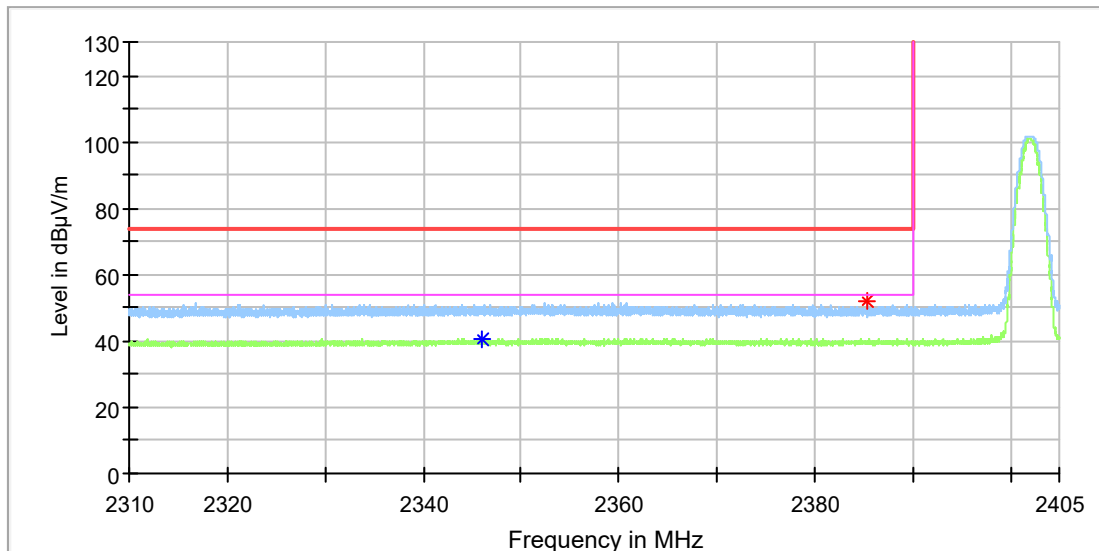
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

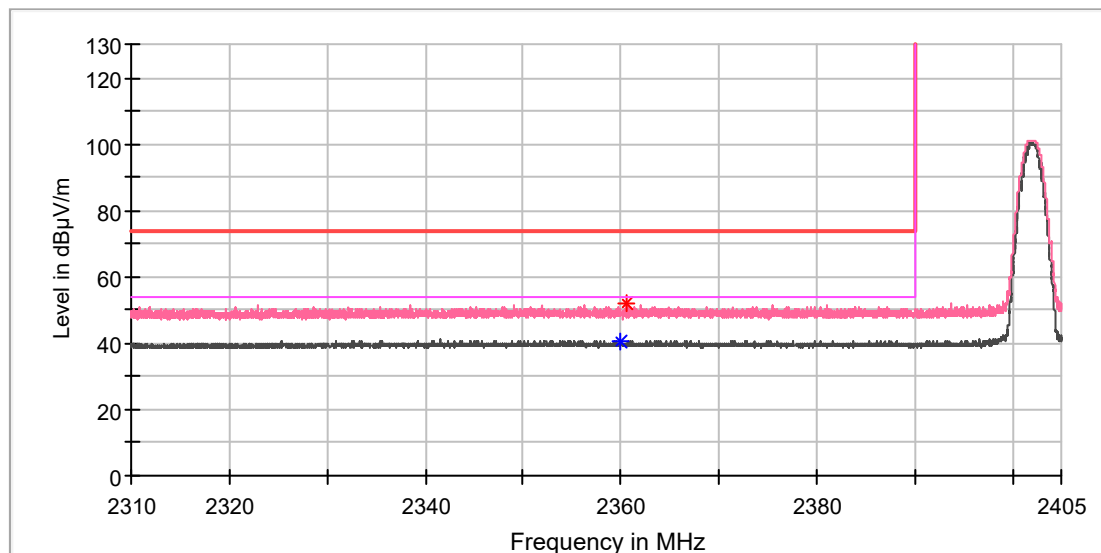
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2346.000588	---	40.75	54.00	13.25	150.0	H	223.0	8.5
2385.344706	51.87	---	74.00	22.13	150.0	H	47.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

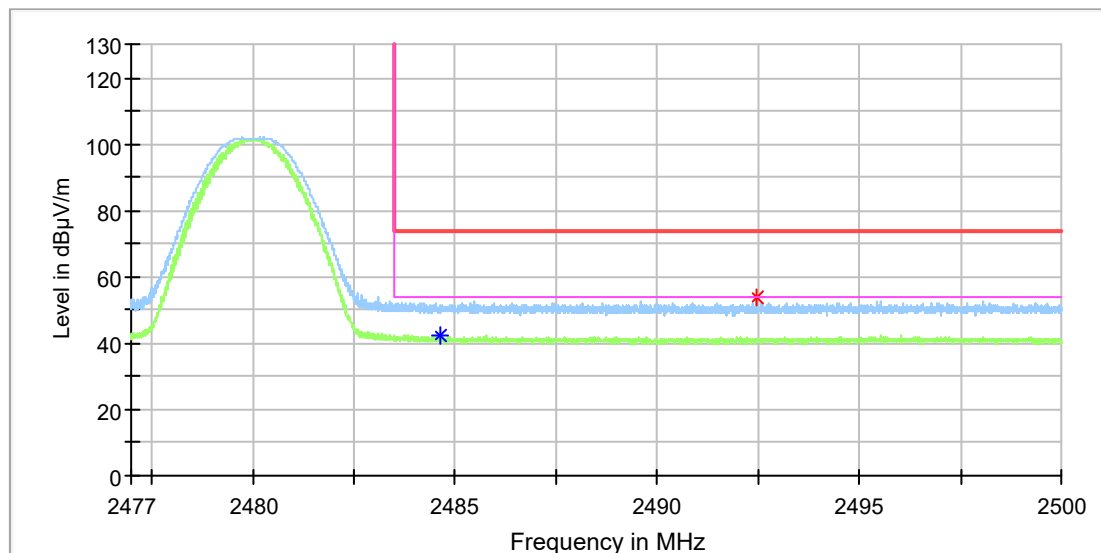
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2359.951177	---	40.64	54.00	13.36	150.0	V	146.0	8.5
2360.599706	52.04	---	74.00	21.96	150.0	V	237.0	8.5

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

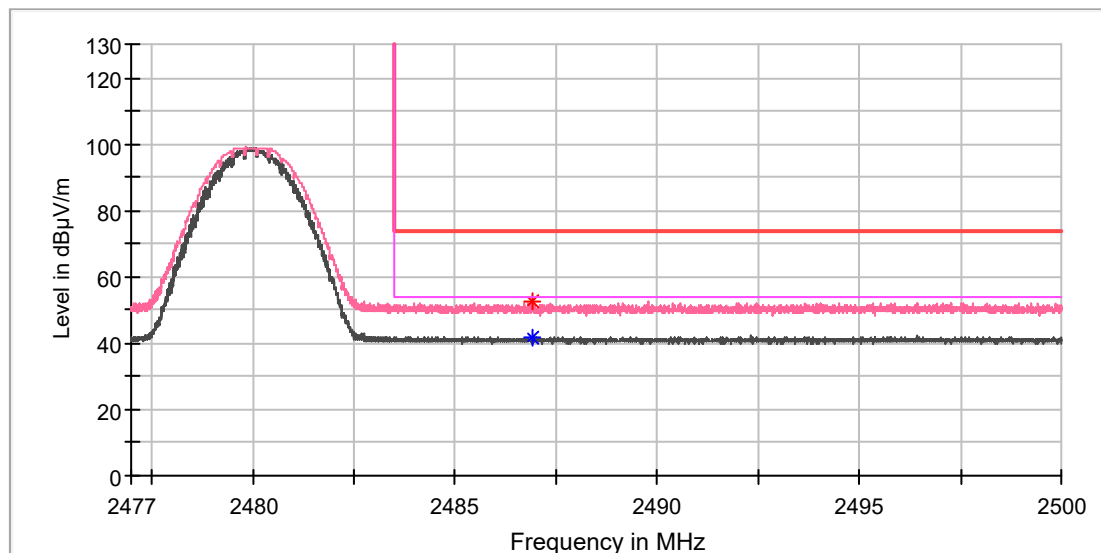
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.617647	---	42.41	54.00	11.59	150.0	H	97.0	9.0
2492.470588	53.69	---	74.00	20.31	150.0	H	321.0	9.0

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

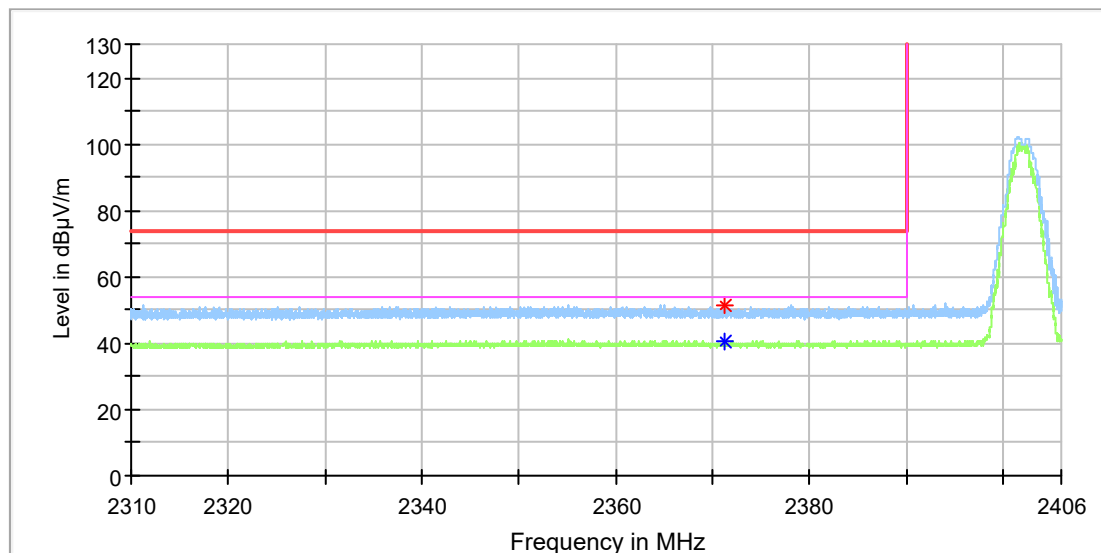
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.889706	52.63	---	74.00	21.37	150.0	V	61.0	9.0
2486.933824	---	41.91	54.00	12.09	150.0	V	179.0	9.0

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

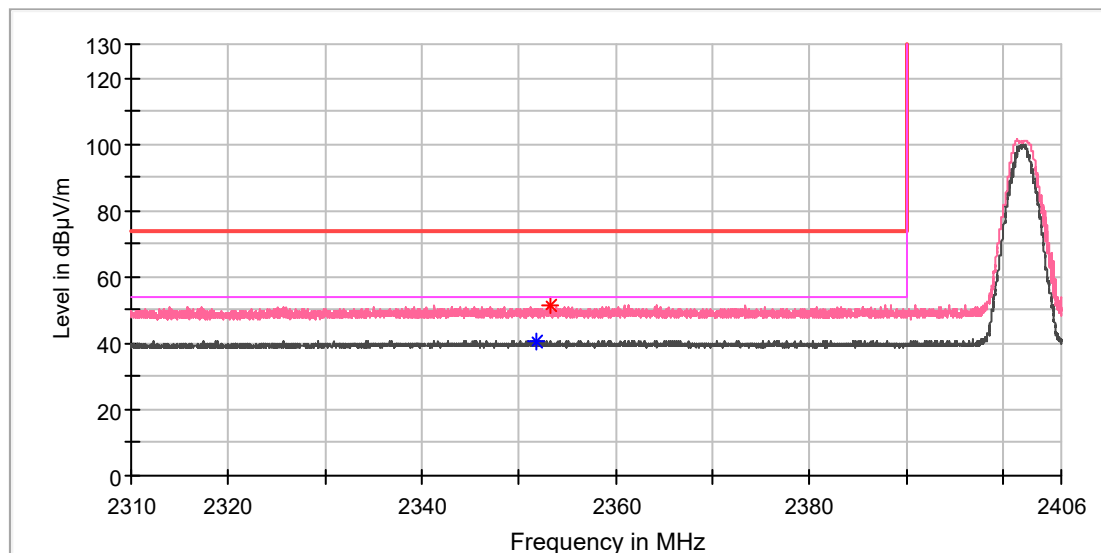
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.264412	---	40.61	54.00	13.39	150.0	H	31.0	8.5
2371.293235	51.50	---	74.00	22.50	150.0	H	159.0	8.5

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

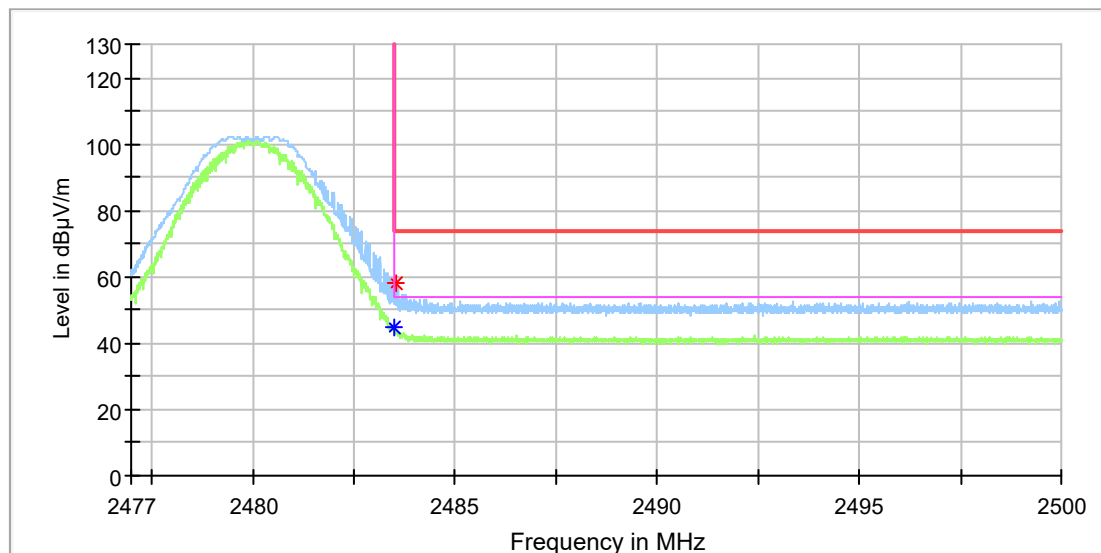
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2351.794118	---	40.76	54.00	13.24	150.0	V	89.0	8.5
2353.264118	51.60	---	74.00	22.40	150.0	V	137.0	8.5

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 2M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

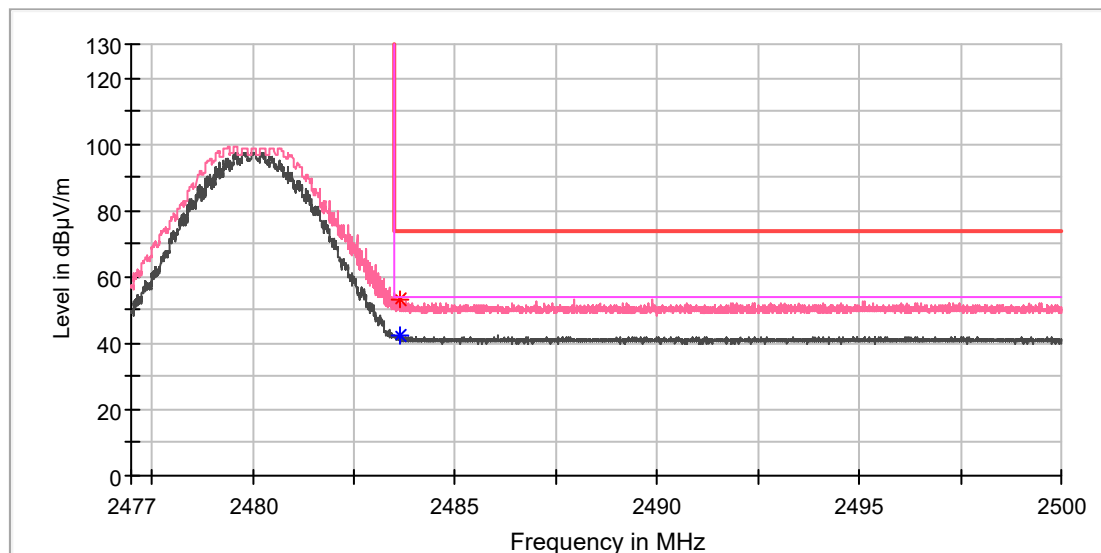
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.511030	---	44.61	54.00	9.39	150.0	H	105.0	9.0
2483.525735	57.80	---	74.00	16.20	150.0	H	105.0	9.0

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	BLE 2M_High channel
Order No/Sample No:	27234857/A004285282-004
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
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)
2483.647059	53.43	---	74.00	20.57	150.0	V	123.0	9.0
2483.650735	---	42.26	54.00	11.74	150.0	V	123.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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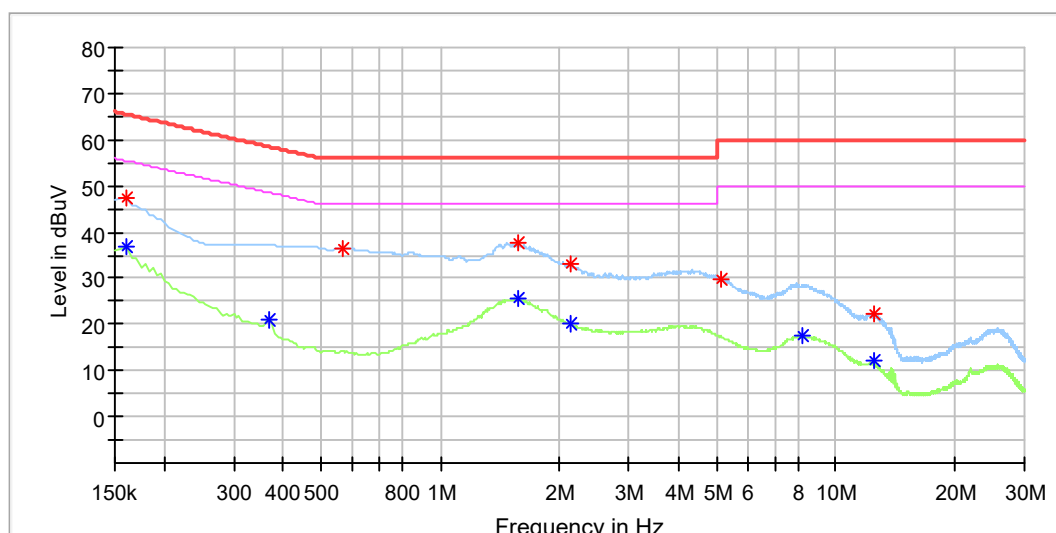
Appendix A.8: Test Results of Conducted Emission on AC Mains

EMI Auto Test Template: FCC PART15 CLASS B_L LINE

Hardware Setup: ESR CE ENV432 1P
Measurement Type: 2 Line LISN
Frequency Range: 150 kHz - 30 MHz
Graphics Level Range: -10 dBuV - 80 dBuV

Preview Measurements:
Scan Test Template: CE ENV432 1P 150k

Final Measurements:
Template for Single Meas.: CE ENV432 1P 150k FIN



Critical Freqs

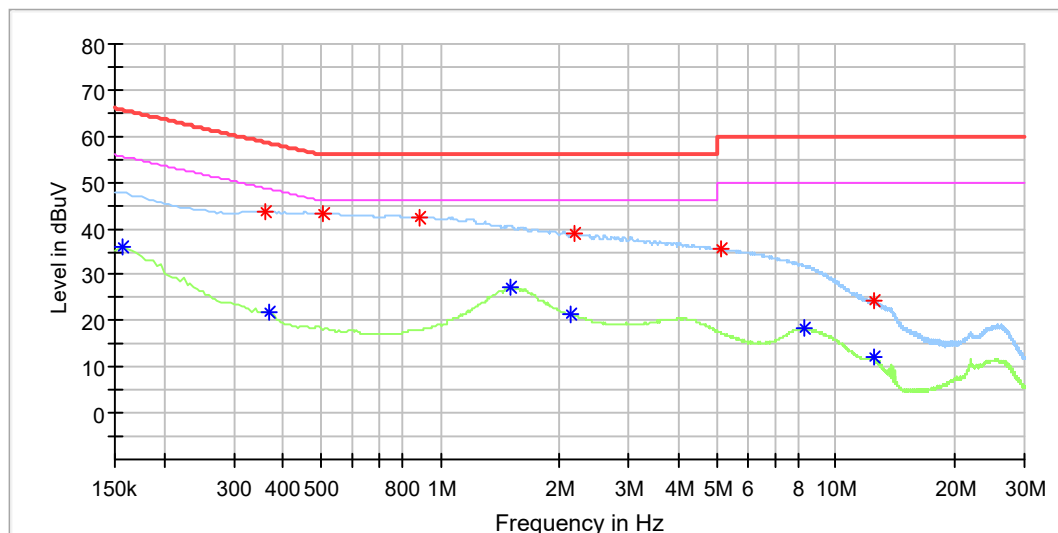
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)	Comment
0.161250	47.52	---	65.40	17.88	L1	10.4	
0.161250	---	36.98	55.40	18.42	L1	10.4	
0.368250	---	21.08	48.54	27.46	L1	10.4	
0.566250	36.58	---	56.00	19.42	L1	10.4	
1.569750	37.64	---	56.00	18.36	L1	10.4	
1.574250	---	25.65	46.00	20.35	L1	10.4	
2.123250	---	20.21	46.00	25.79	L1	10.4	
2.123250	33.27	---	56.00	22.73	L1	10.4	
5.133750	29.88	---	60.00	30.12	L1	10.5	
8.193750	---	17.62	50.00	32.38	L1	10.7	
12.437250	---	12.00	50.00	38.00	L1	10.9	
12.446250	22.26	---	60.00	37.74	L1	10.9	

EMI Auto Test Template: FCC PART15 CLASS B_N LINE

Hardware Setup: ESR CE ENV432 1P
Measurement Type: 2 Line LISN
Frequency Range: 150 kHz - 30 MHz
Graphics Level Range: -10 dBuV - 80 dBuV

Preview Measurements:
Scan Test Template: CE ENV432 1P 150k

Final Measurements:
Template for Single Meas.: CE ENV432 1P 150k FIN



Critical Freqs

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)	Comment
0.156750	---	36.18	55.63	19.46	N	10.3	
0.359250	43.61	---	58.75	15.14	N	10.3	
0.368250	---	21.98	48.54	26.56	N	10.3	
0.507750	43.24	---	56.00	12.76	N	10.3	
0.885750	42.38	---	56.00	13.62	N	10.3	
1.502250	---	27.22	46.00	18.78	N	10.4	
2.127750	---	21.41	46.00	24.59	N	10.4	
2.177250	39.07	---	56.00	16.93	N	10.4	
5.138250	35.56	---	60.00	24.44	N	10.5	
8.328750	---	18.37	50.00	31.63	N	10.7	
12.428250	24.33	---	60.00	35.67	N	10.9	
12.437250	---	12.18	50.00	37.82	N	10.9	