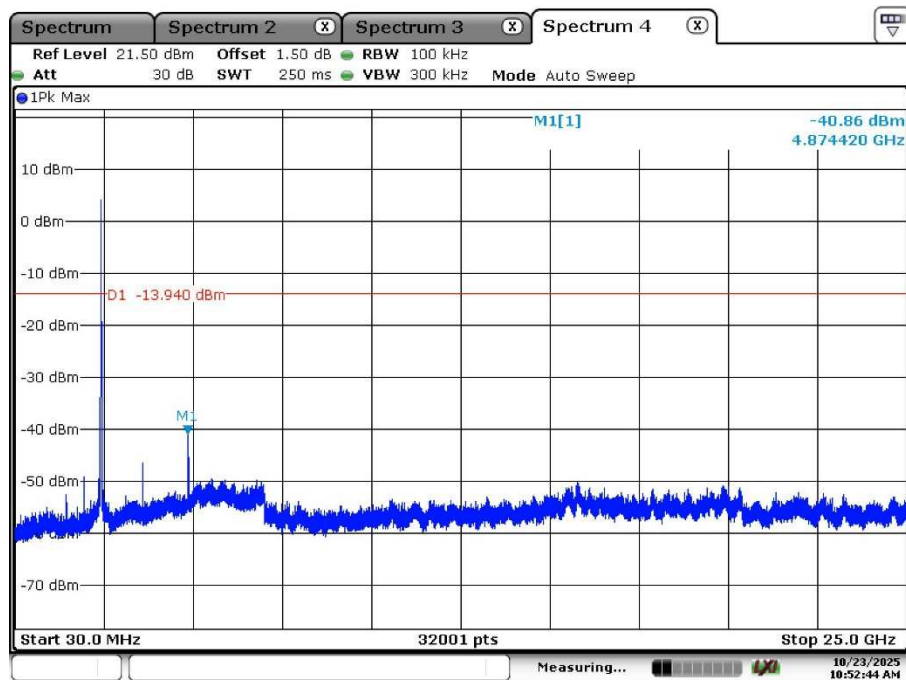
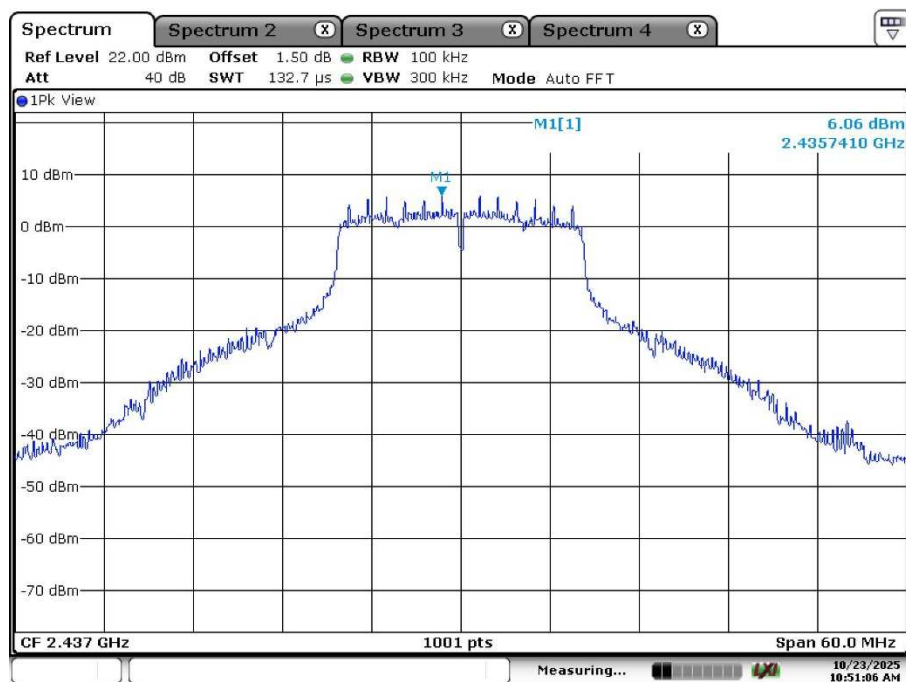
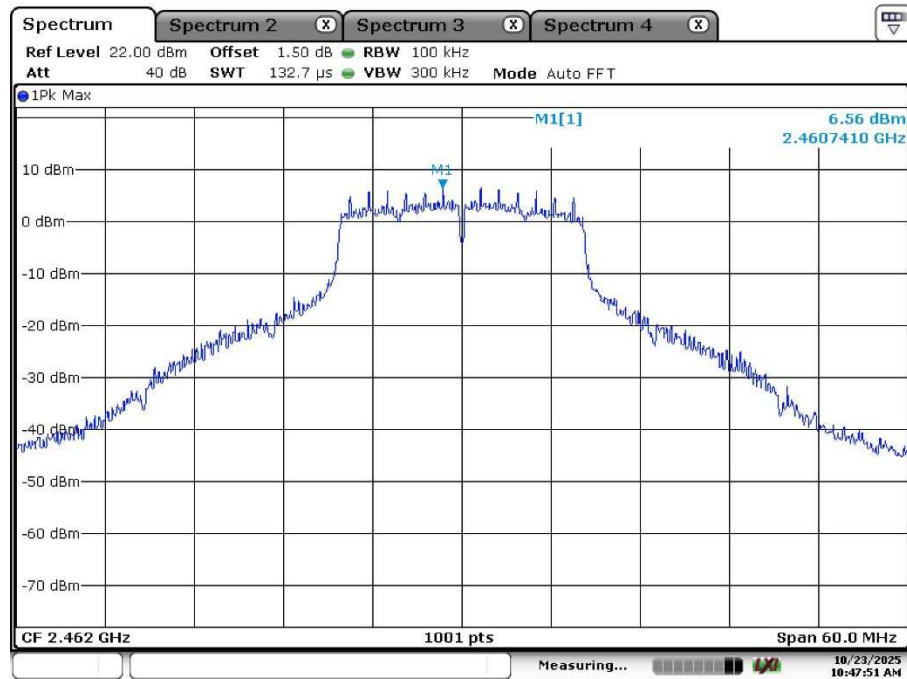


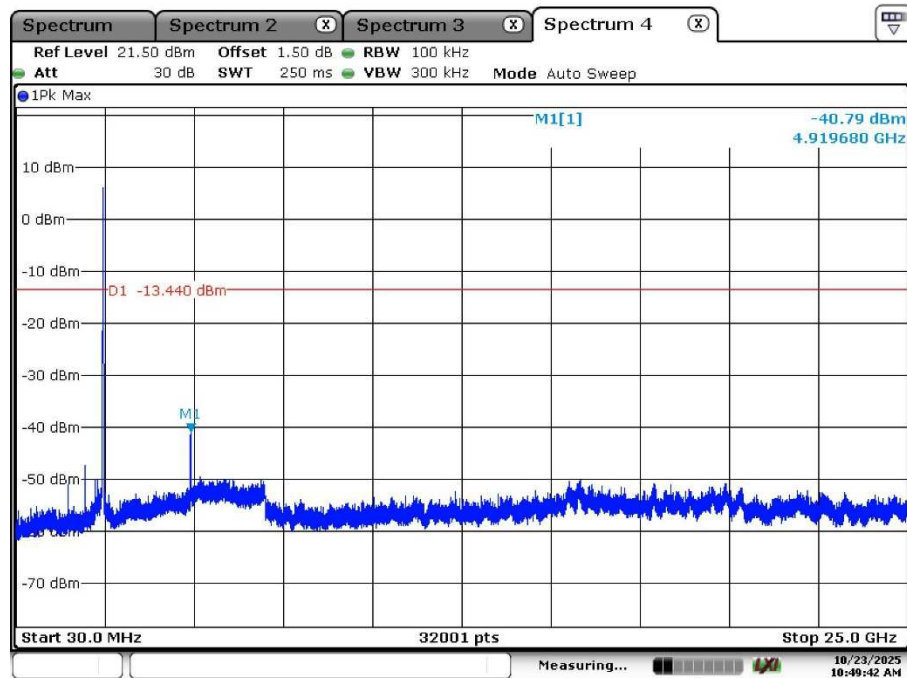
Middle Channel:



High Channel:



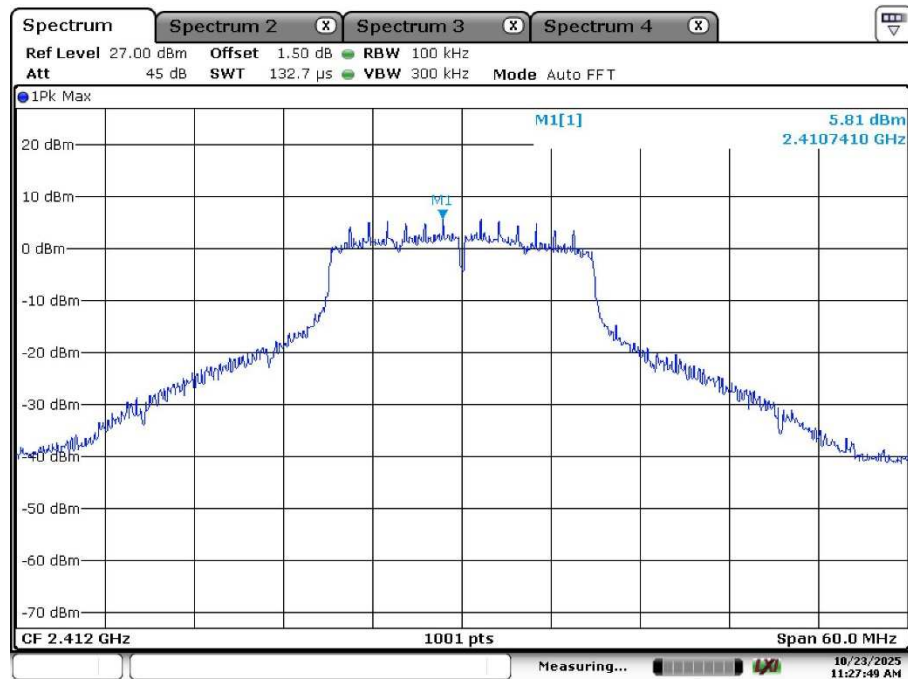
Date: 23.OCT.2025 10:47:51



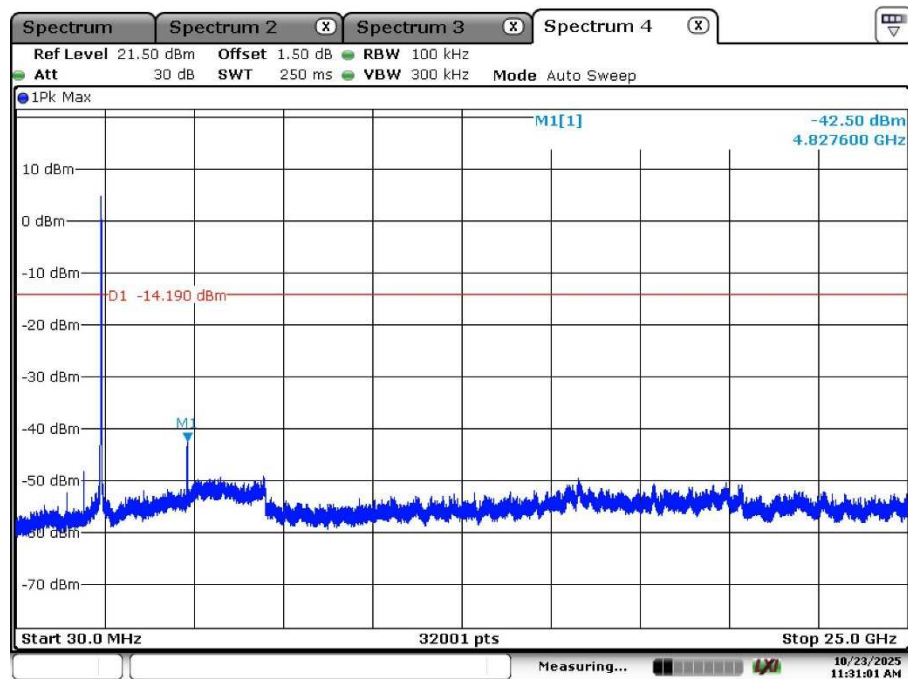
Date: 23.OCT.2025 10:49:42

Wi-Fi 802.11 n(HT20) mode, Conducted Spurious Emission

Low Channel:

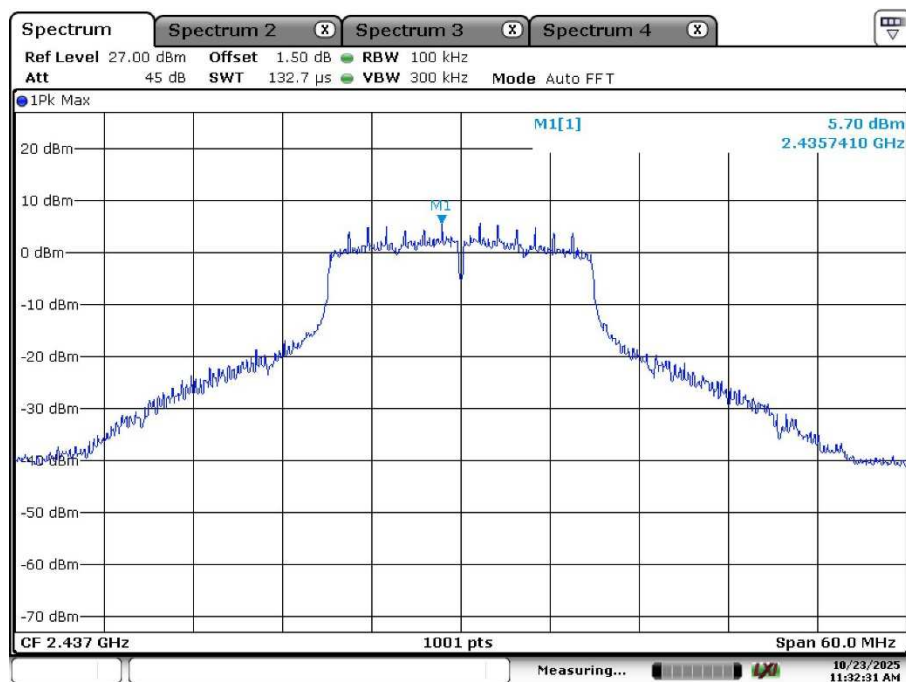


Date: 23.OCT.2025 11:27:49

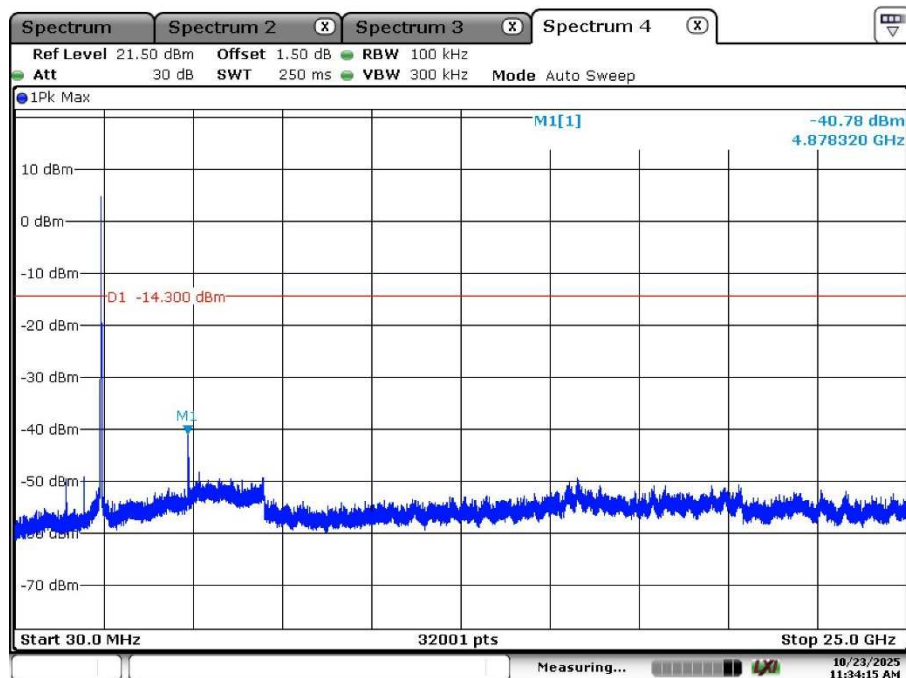


Date: 23.OCT.2025 11:31:01

Middle Channel:

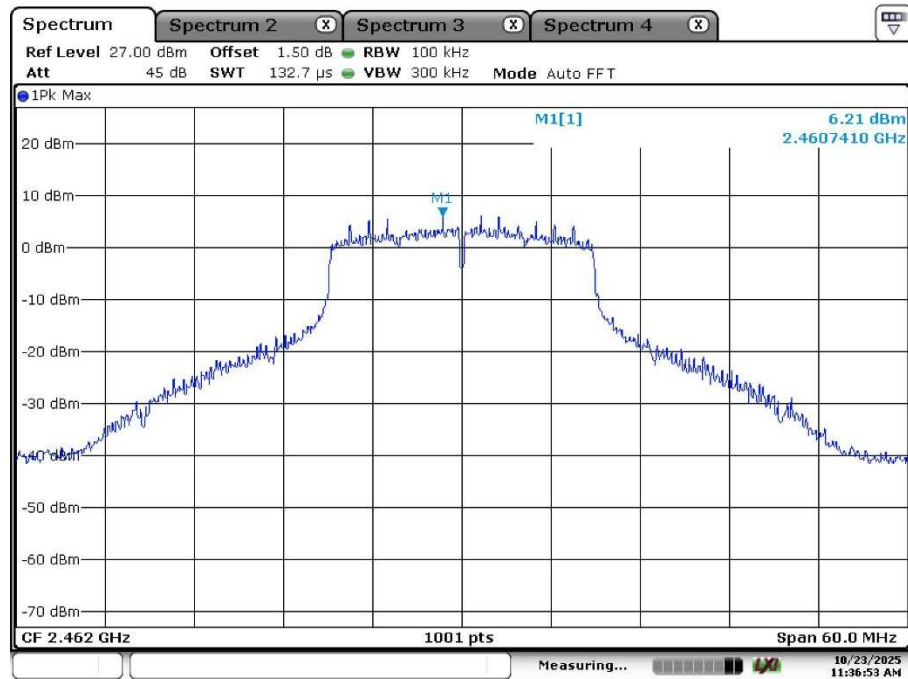


Date: 23.OCT.2025 11:32:31

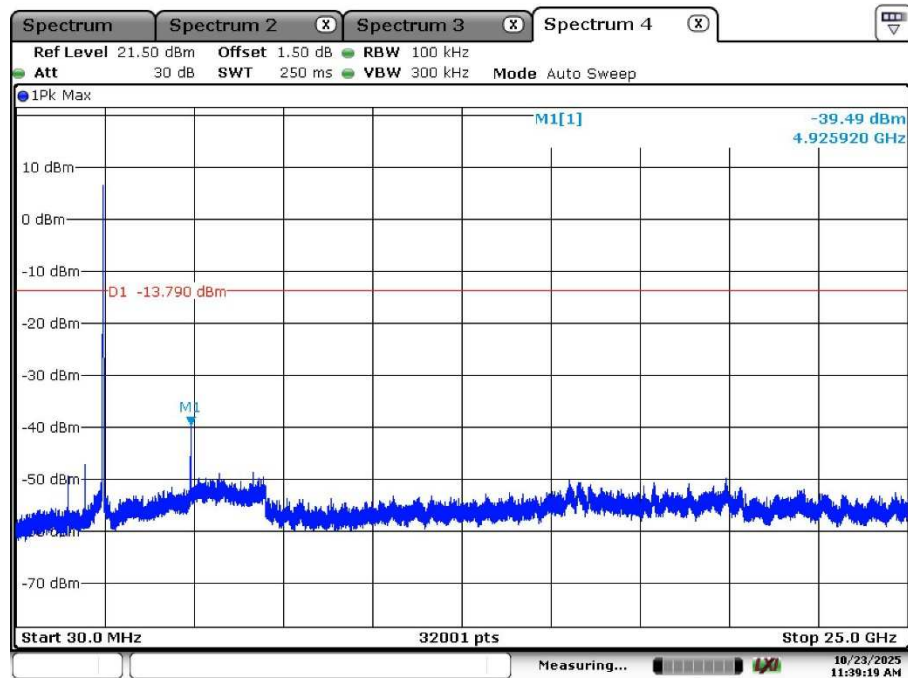


Date: 23.OCT.2025 11:34:15

High Channel:



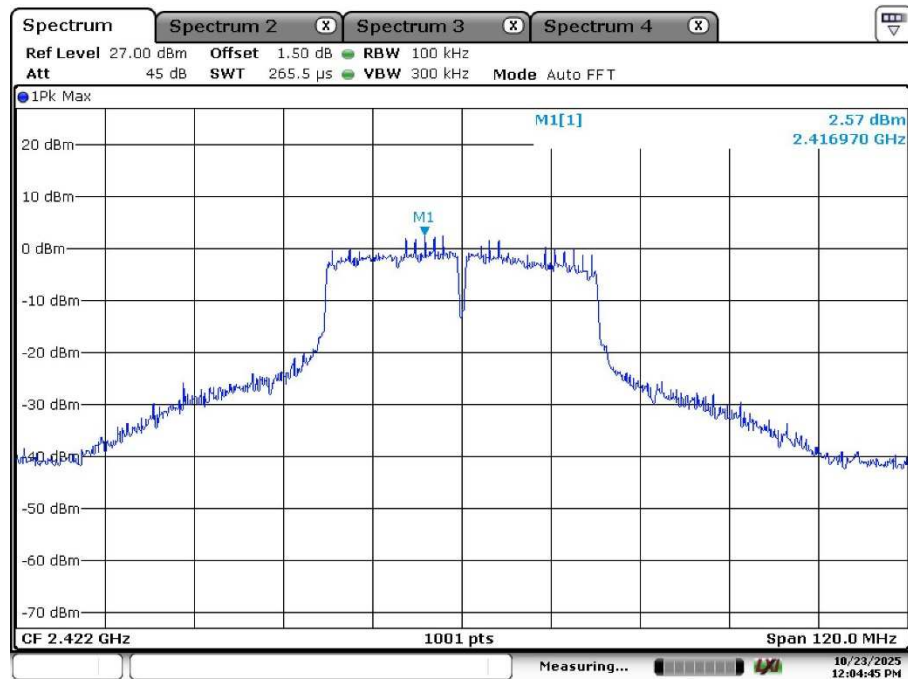
Date: 23.OCT.2025 11:36:53



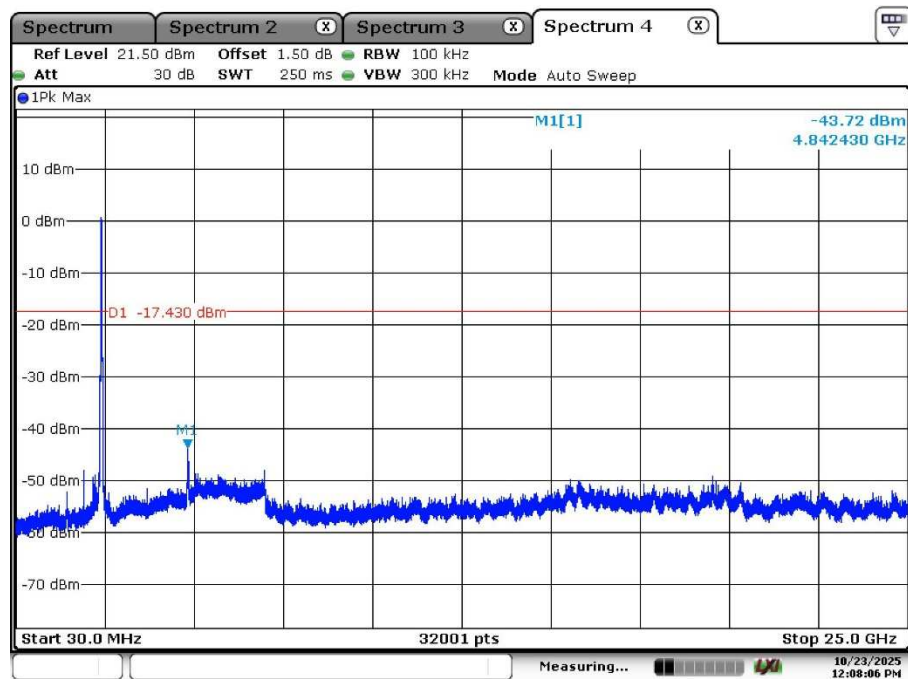
Date: 23.OCT.2025 11:39:19

Wi-Fi 802.11 n(HT40) mode, Conducted Spurious Emission

Low Channel:

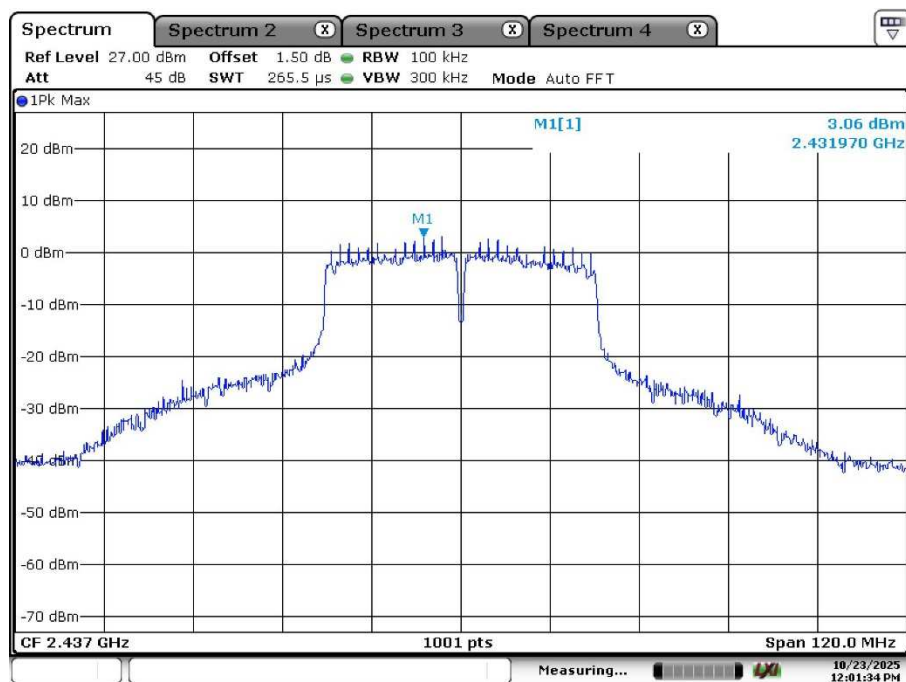


Date: 23.OCT.2025 12:04:45

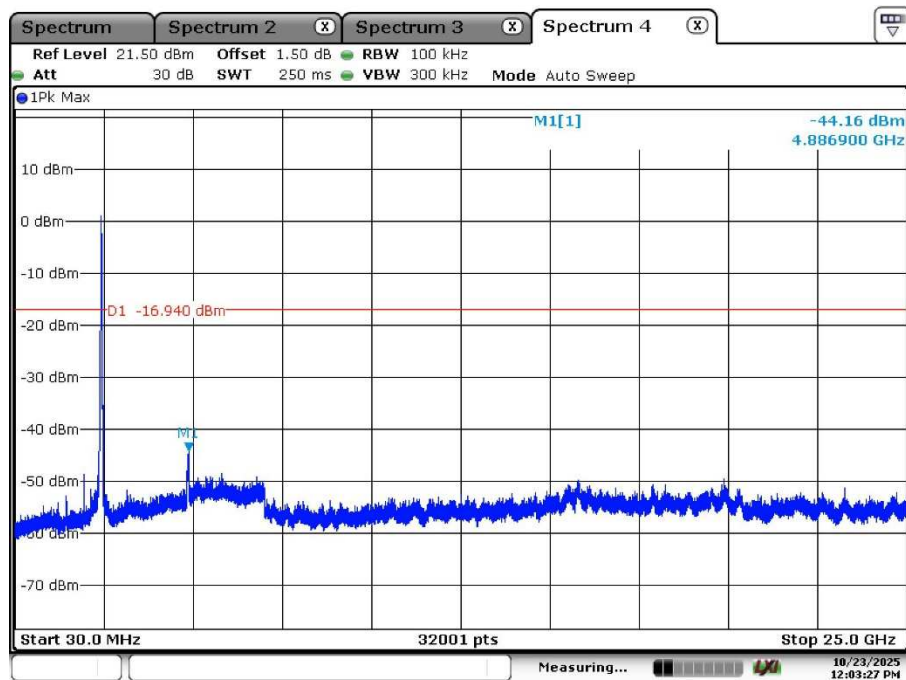


Date: 23.OCT.2025 12:08:06

Middle Channel:

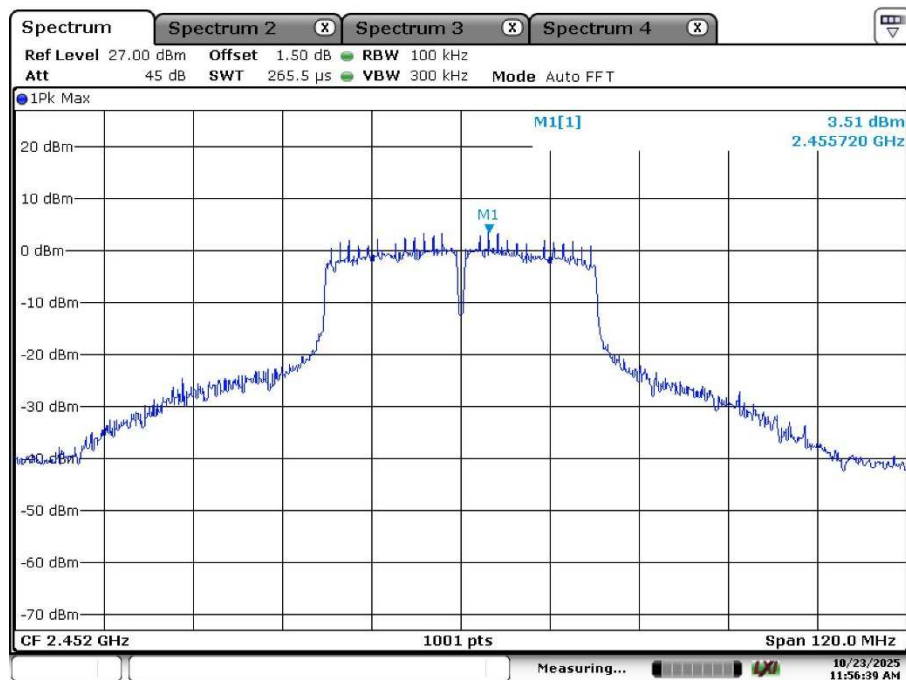


Date: 23.OCT.2025 12:01:35

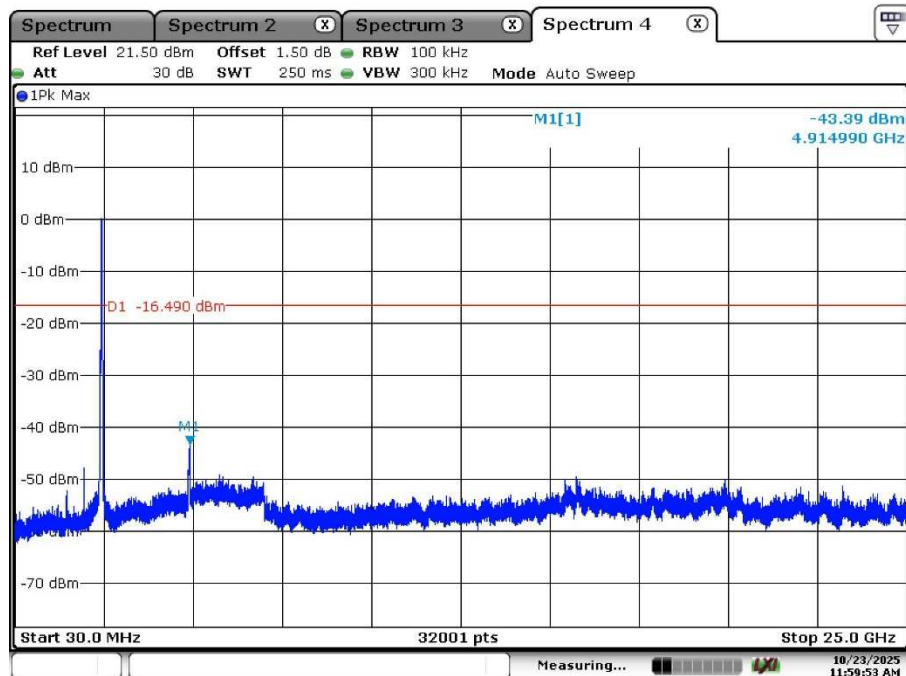


Date: 23.OCT.2025 12:03:27

High Channel:



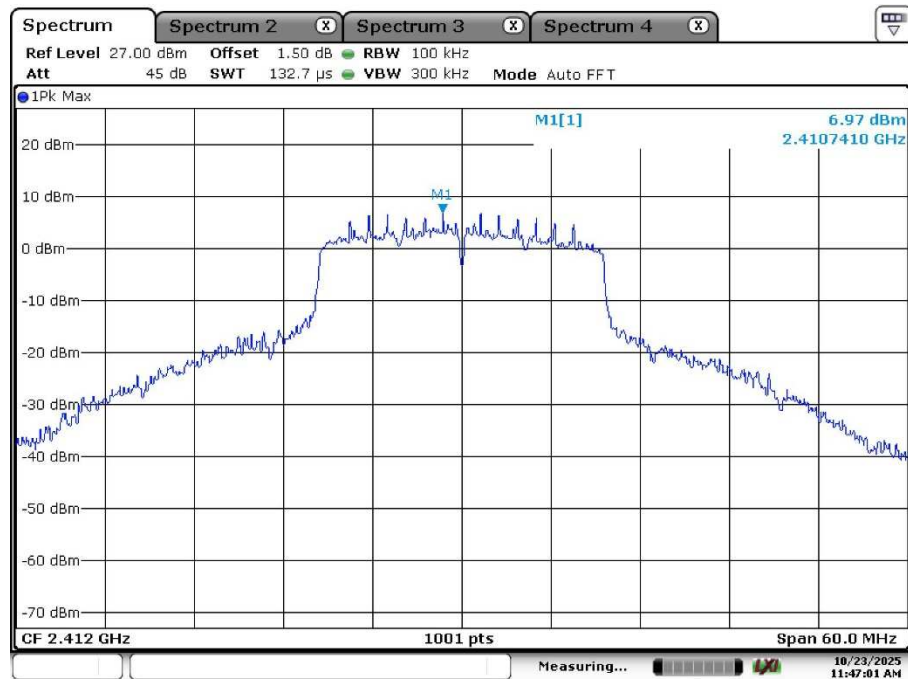
Date: 23.OCT.2025 11:56:39



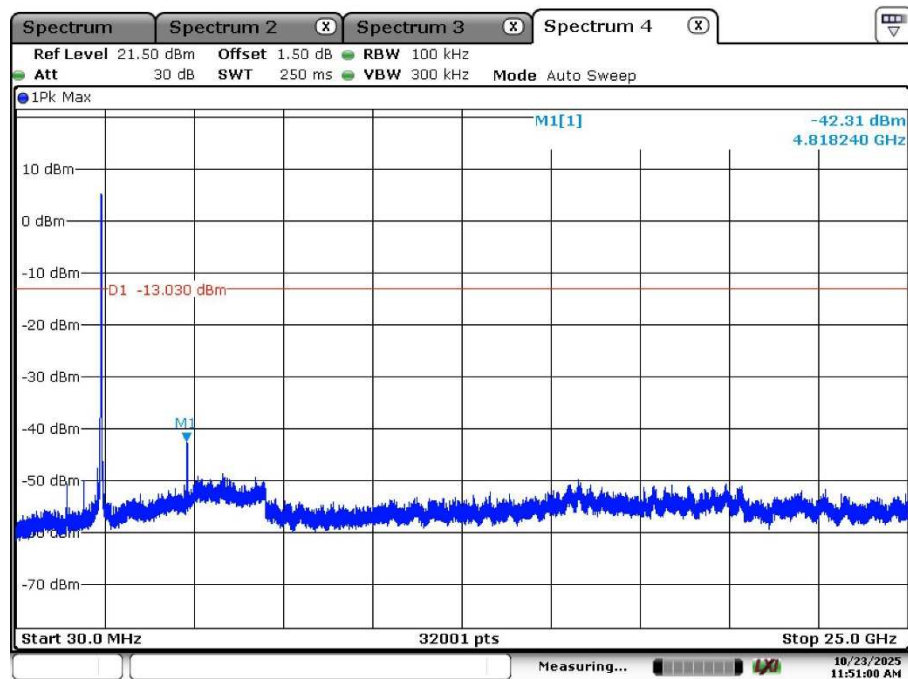
Date: 23.OCT.2025 11:59:53

Wi-Fi 802.11 ax(HE20) mode, Conducted Spurious Emission

Low Channel:

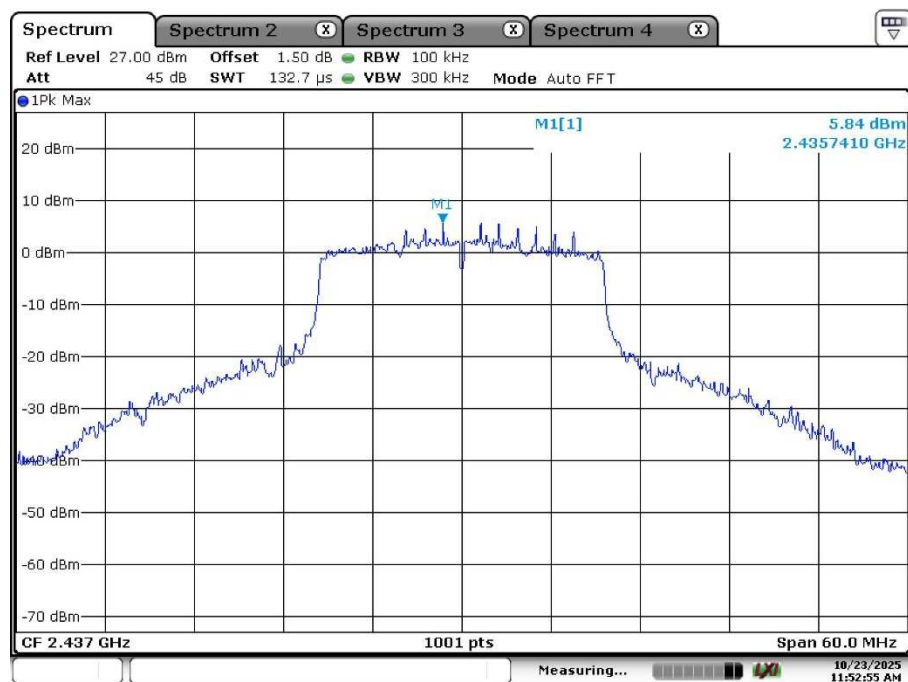


Date: 23.OCT.2025 11:47:02

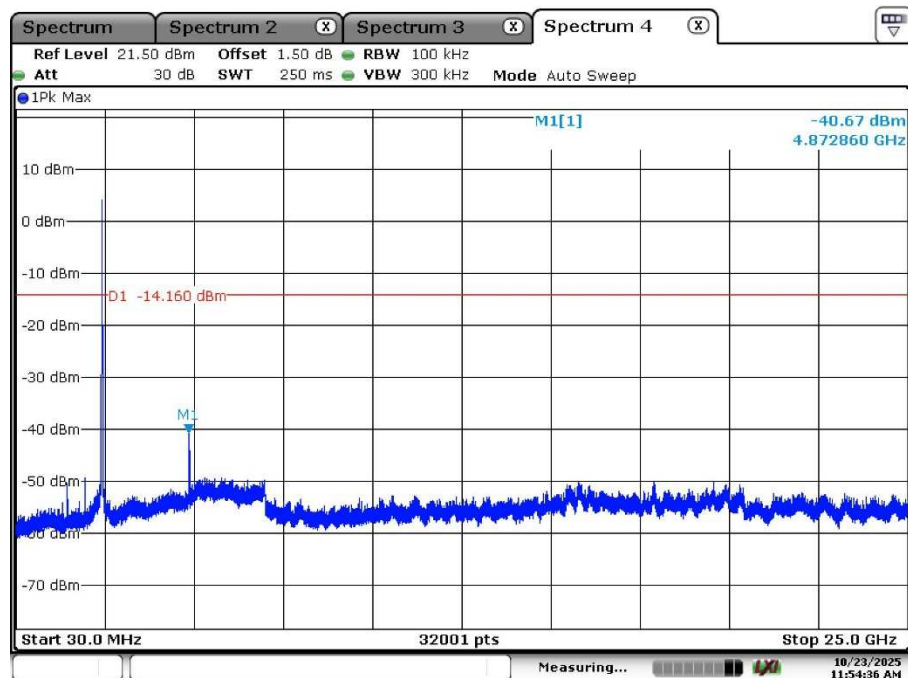


Date: 23.OCT.2025 11:51:00

Middle Channel:

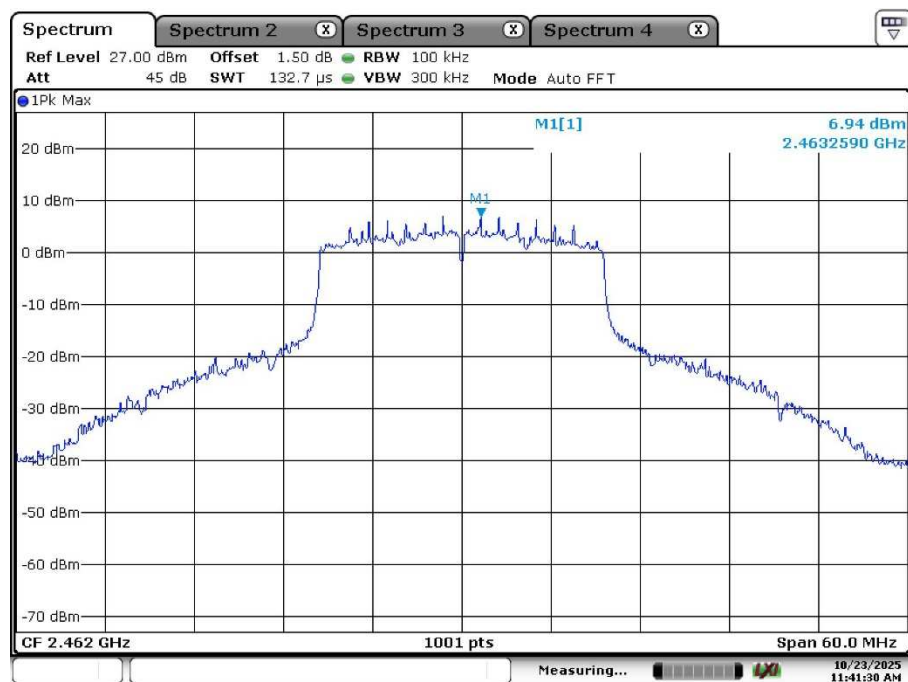


Date: 23.OCT.2025 11:52:55

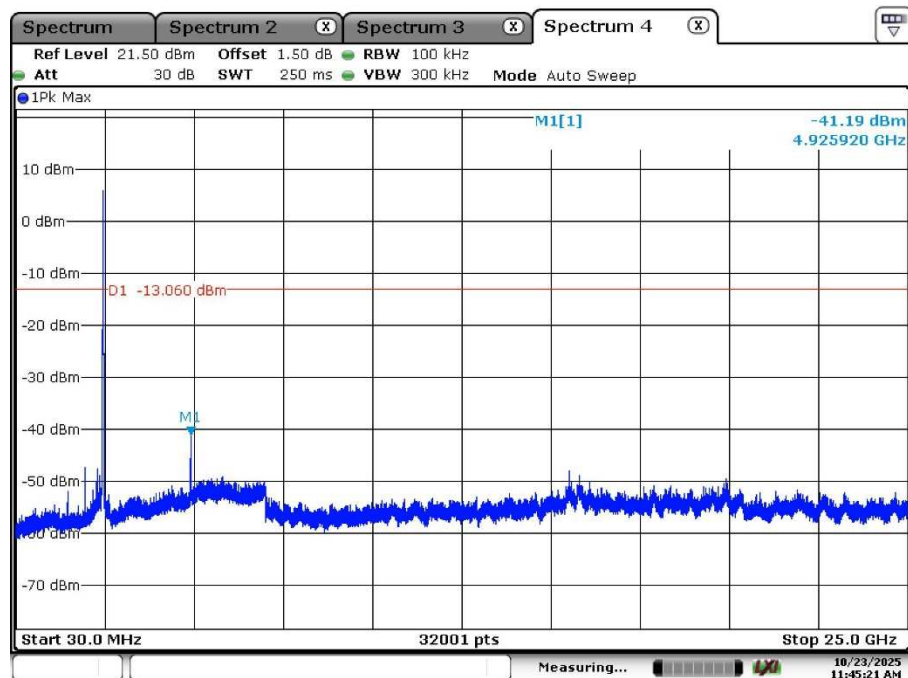


Date: 23.OCT.2025 11:54:36

High Channel:



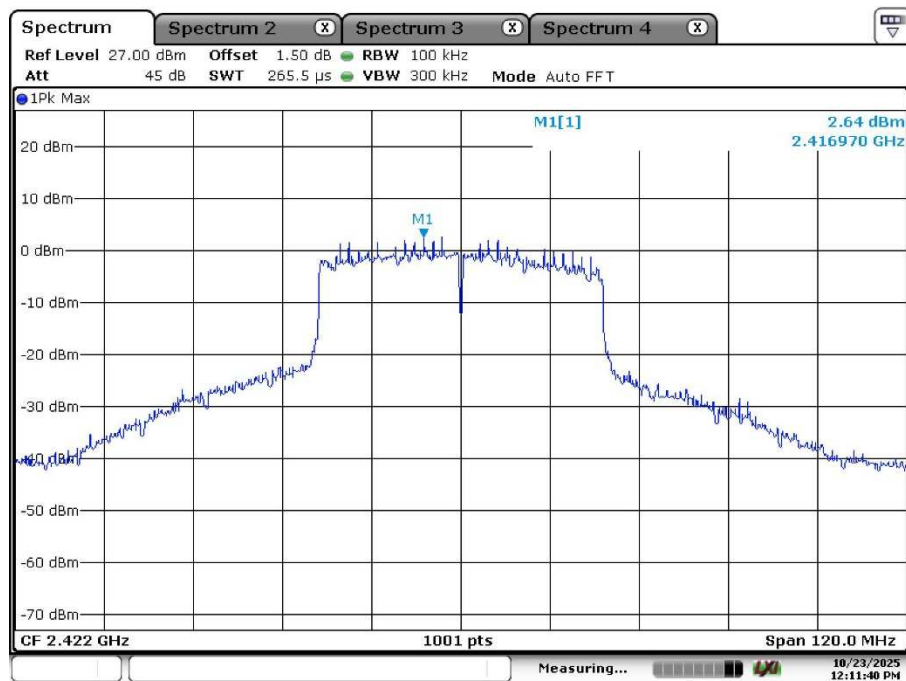
Date: 23.OCT.2025 11:41:30



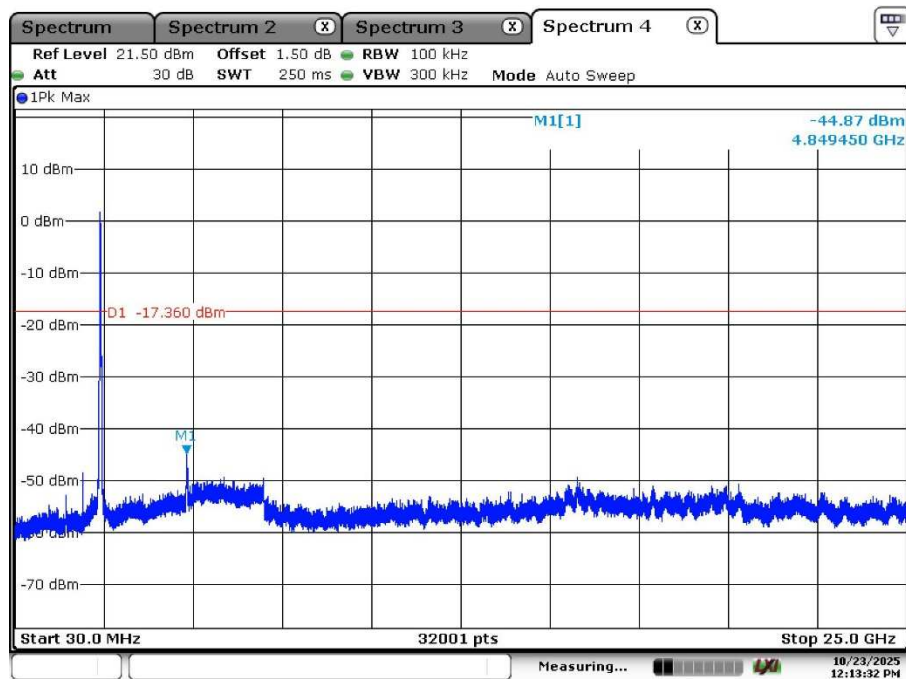
Date: 23.OCT.2025 11:45:21

Wi-Fi 802.11 ax(HE40) mode, Conducted Spurious Emission

Low Channel:

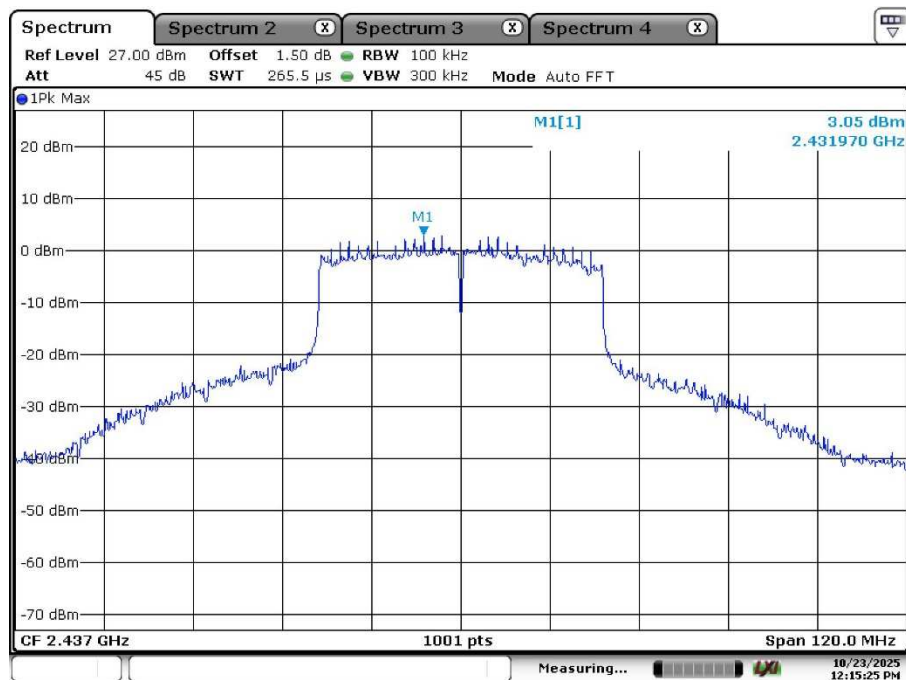


Date: 23.OCT.2025 12:11:40

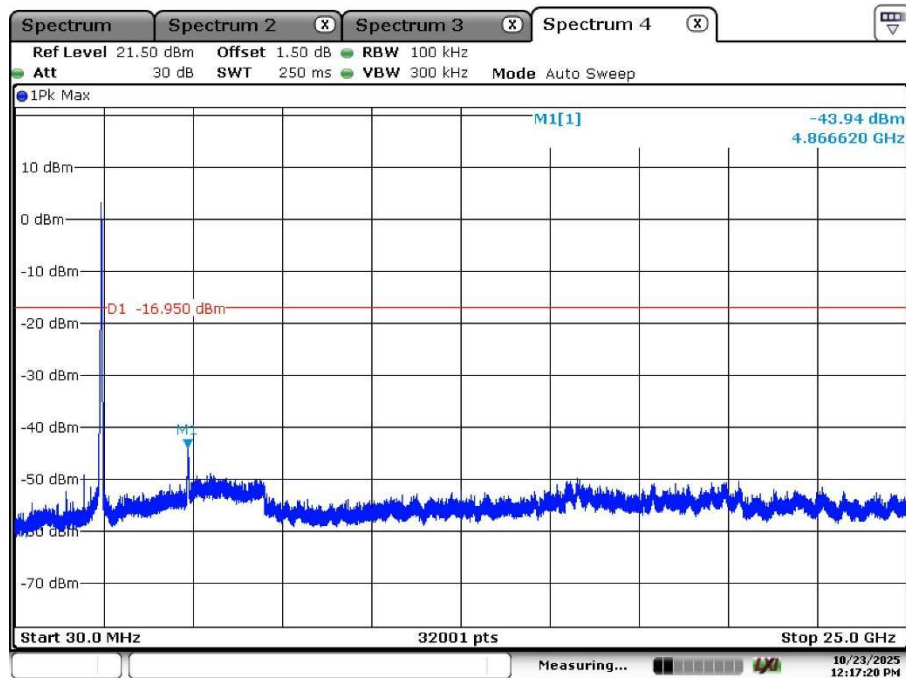


Date: 23.OCT.2025 12:13:32

Middle Channel:

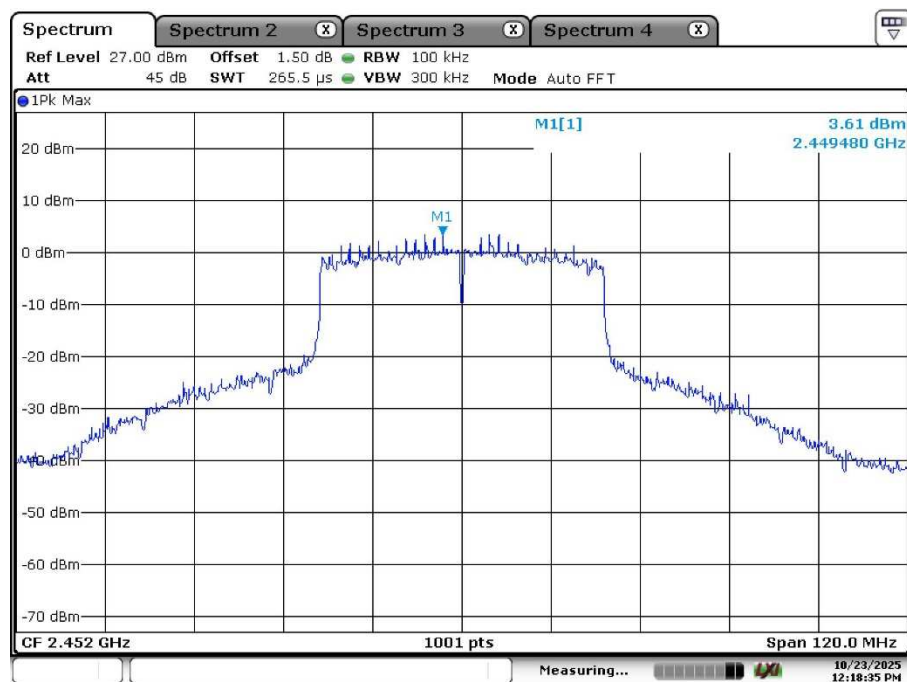


Date: 23.OCT.2025 12:15:25

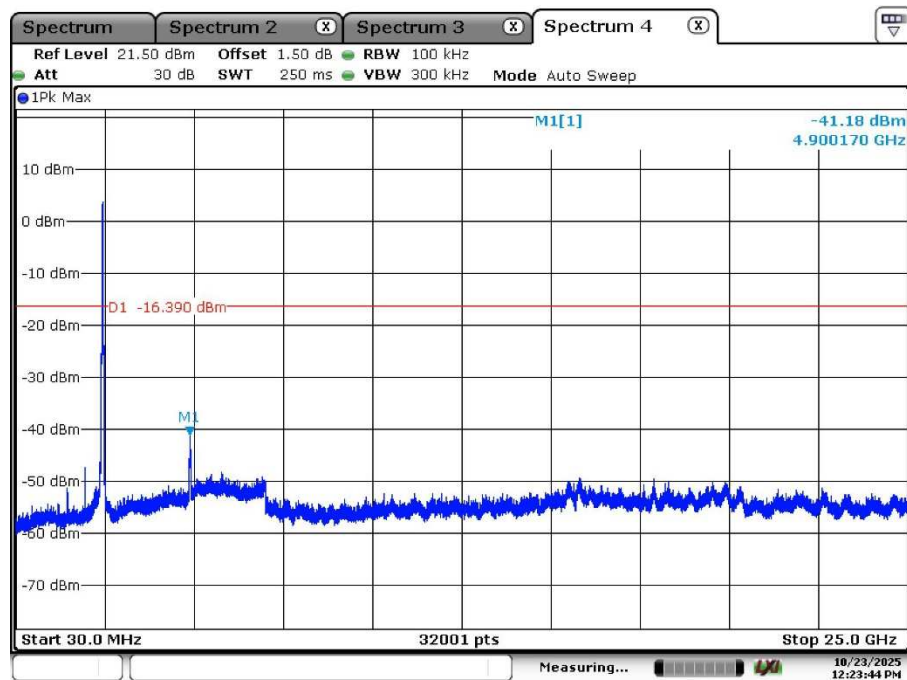


Date: 23.OCT.2025 12:17:21

High Channel:



Date: 23.OCT.2025 12:18:35



Date: 23.OCT.2025 12:23:45

Appendix B.5: Test Results of Radiated Spurious Emissions

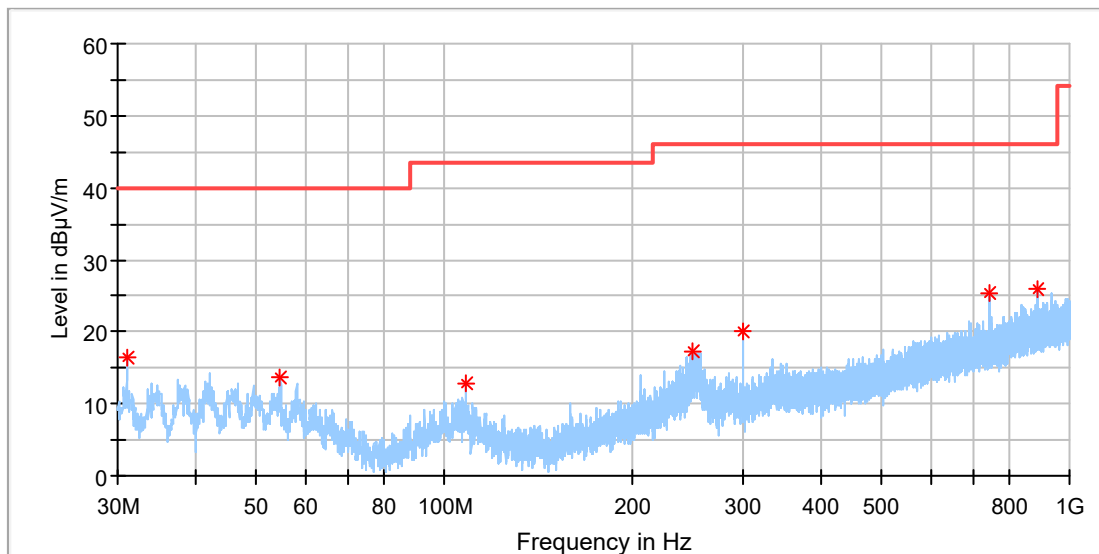
Note:

- 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.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

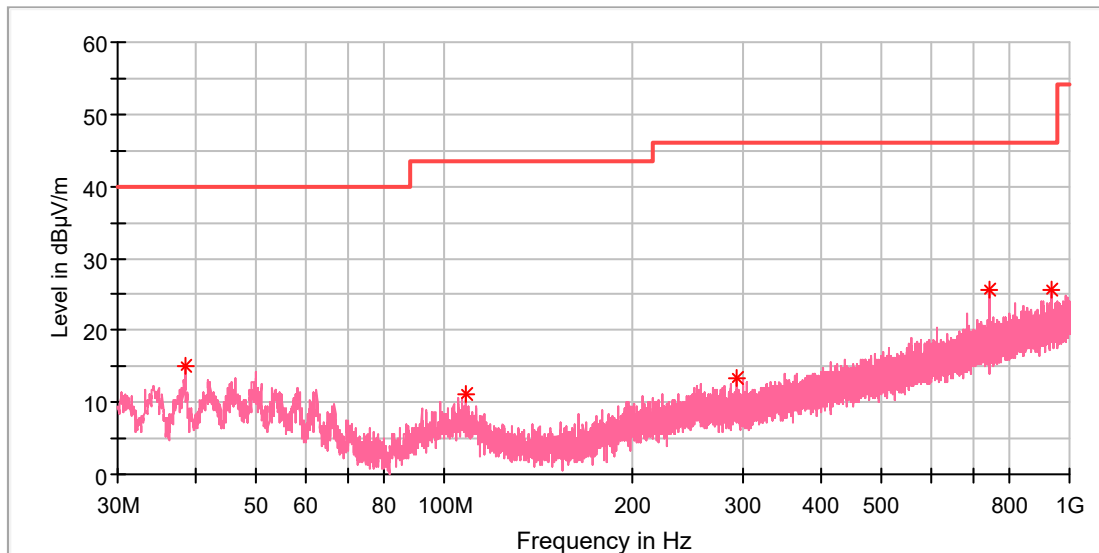
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.156539	16.47	40.00	23.53	100.0	H	29.0	-22.9
54.735000	13.70	40.00	26.30	100.0	H	115.0	-18.5
108.570000	12.73	43.50	30.77	100.0	H	123.0	-19.1
250.451154	17.19	46.00	28.81	100.0	H	6.0	-17.3
299.995769	20.07	46.00	25.93	100.0	H	29.0	-16.3
742.502308	25.47	46.00	20.53	100.0	H	0.0	-7.2
890.986923	25.86	46.00	20.14	100.0	H	260.0	-4.9

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168558370/A004111880-002
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)
38.543462	14.94	40.00	25.06	100.0	V	0.0	-20.6
108.196923	11.24	43.50	32.26	100.0	V	15.0	-19.1
293.243077	13.27	46.00	32.73	100.0	V	0.0	-16.4
742.465000	25.62	46.00	20.38	100.0	V	314.0	-7.2
938.442308	25.55	46.00	20.45	100.0	V	25.0	-4.4

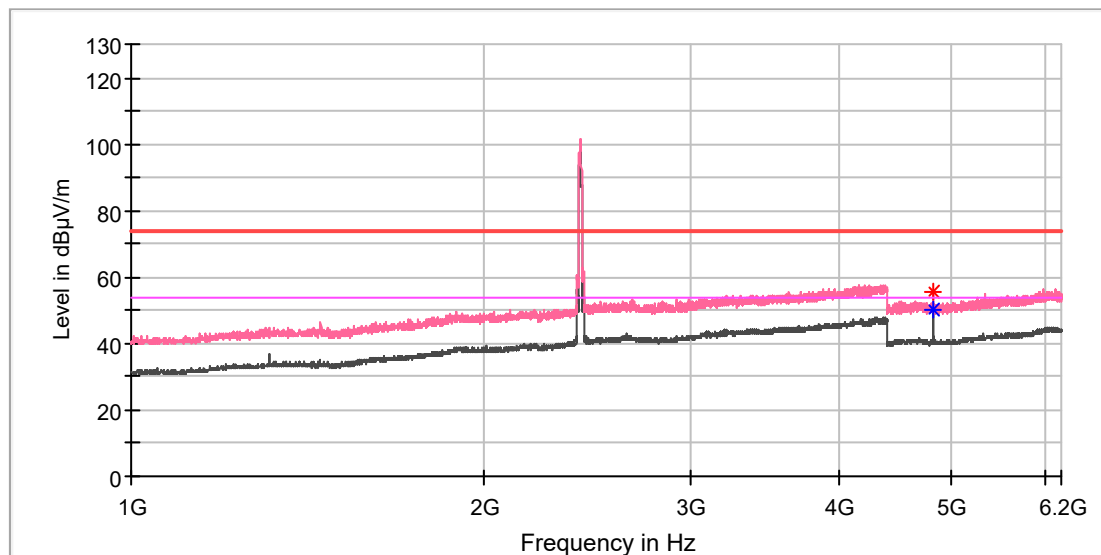
Final Result

Frequency (MHz)	QuasiPeak (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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

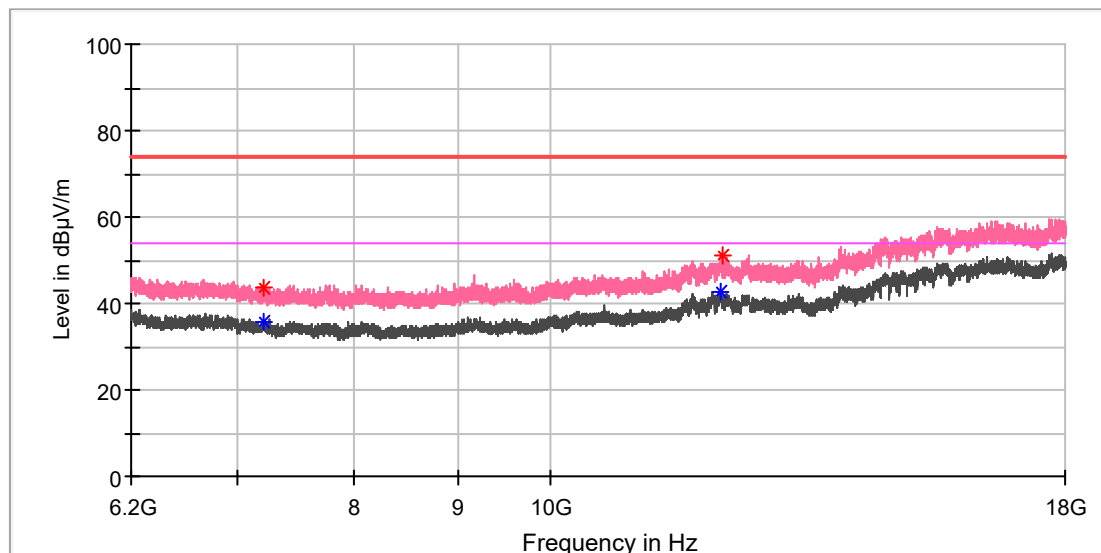
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	55.39	---	74.00	18.61	150.0	V	16.0	13.3
4824.000000	---	50.35	54.00	3.65	150.0	V	16.0	13.3

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

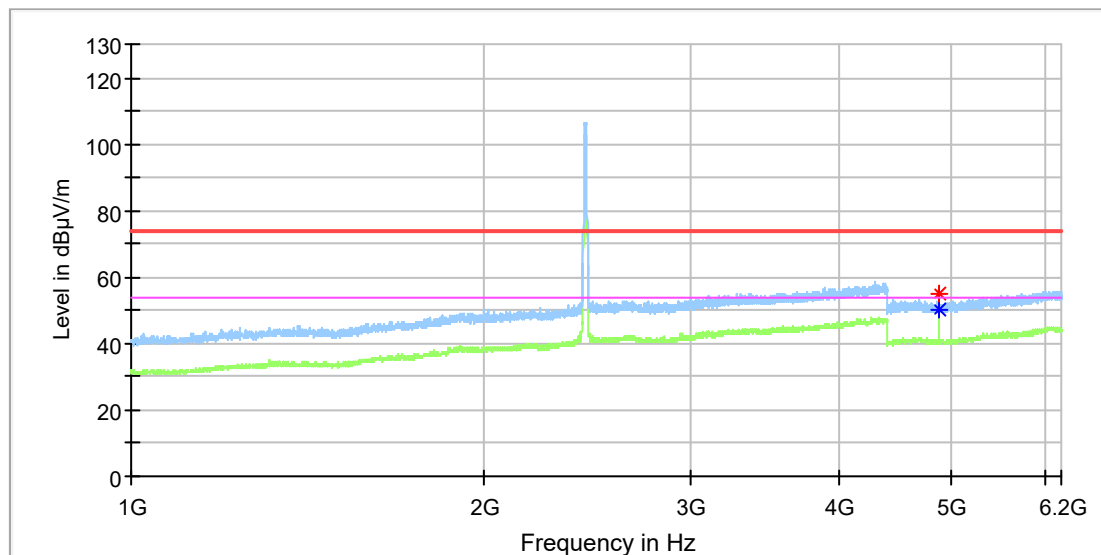
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7212.341667	43.65	---	74.00	30.35	150.0	V	252.0	8.7
7214.800000	---	35.86	54.00	18.14	150.0	V	0.0	8.7
12153.100000	---	42.94	54.00	11.06	150.0	V	0.0	16.6
12160.966667	51.19	---	74.00	22.81	150.0	V	217.0	16.2

Final_Result

[illegible]

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168558370/A004111880-002
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)
4874.000000	55.14	---	74.00	18.86	150.0	H	65.0	13.3
4874.000000	---	50.25	54.00	3.75	150.0	H	65.0	13.3

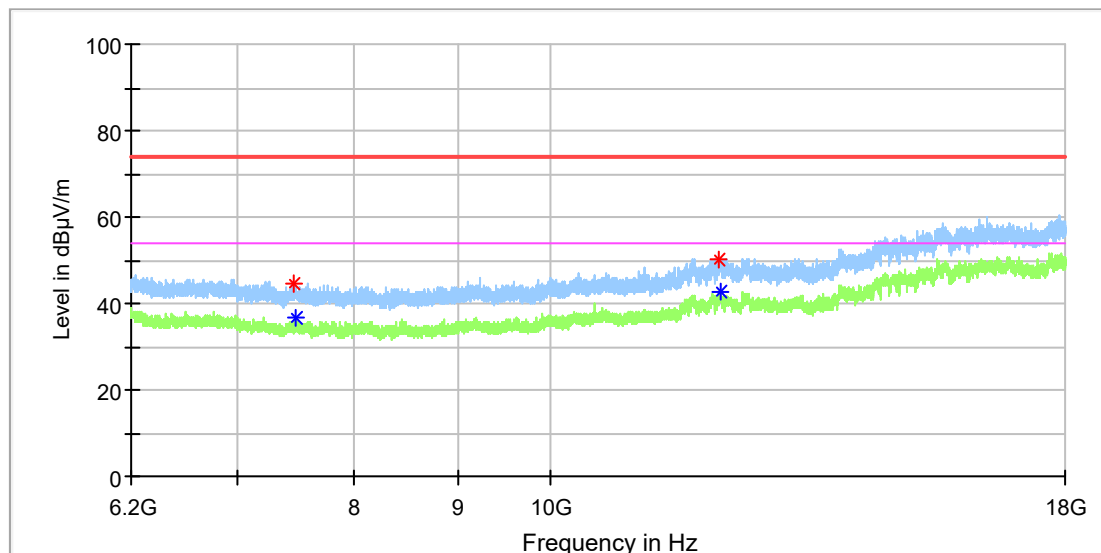
Final Result

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

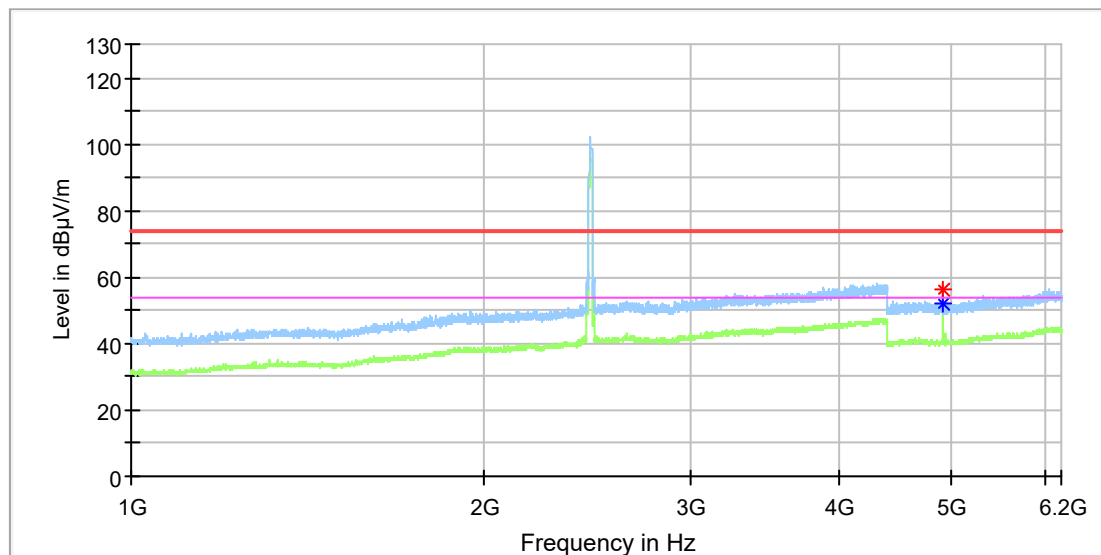
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7469.483333	44.74	---	74.00	29.26	150.0	H	156.0	8.6
7478.825000	---	36.53	54.00	17.47	150.0	H	37.0	8.7
12116.716667	50.28	---	74.00	23.72	150.0	H	110.0	15.9
12146.216667	---	42.71	54.00	11.29	150.0	H	188.0	16.6

Final_Result

[illegible]

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

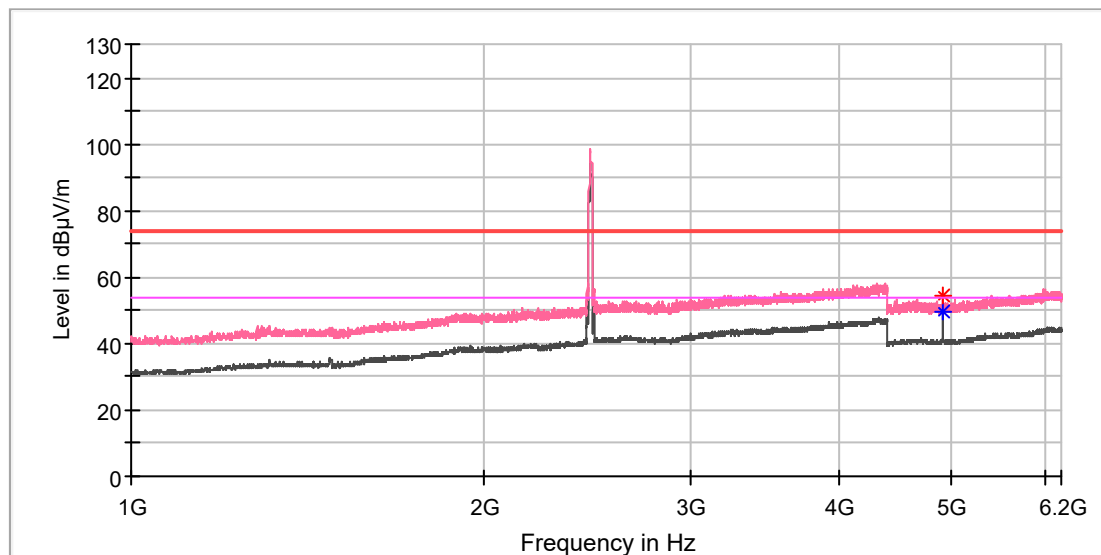
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	56.19	---	74.00	17.81	150.0	H	47.0	13.3
4924.000000	---	51.74	54.00	2.26	150.0	H	47.0	13.3

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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EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168558370/A004111880-002
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)
4923.500000	54.47	---	74.00	19.53	150.0	V	11.0	13.3
4924.000000	---	49.37	54.00	4.63	150.0	V	34.0	13.3

Final Result

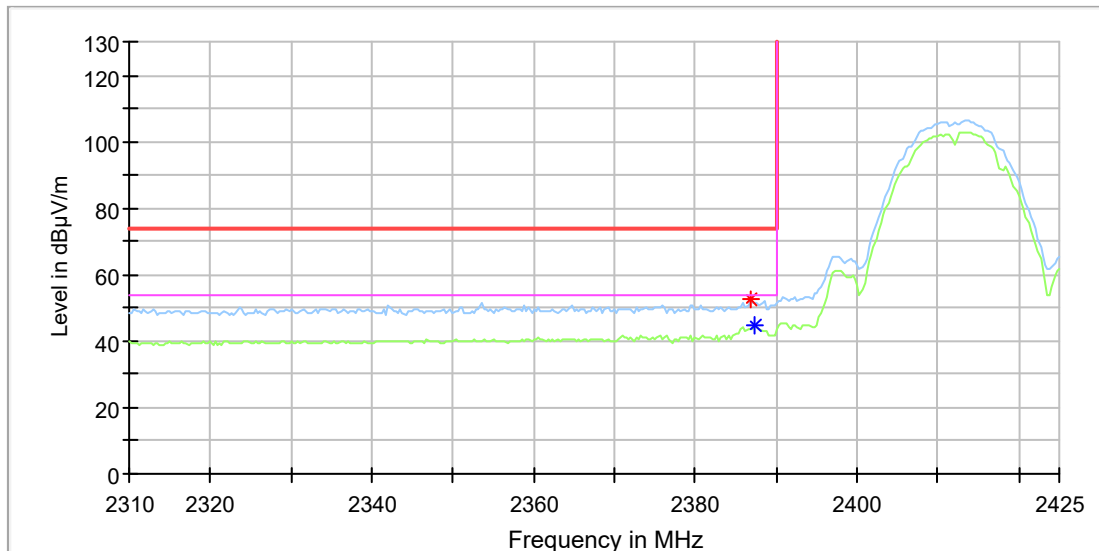
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

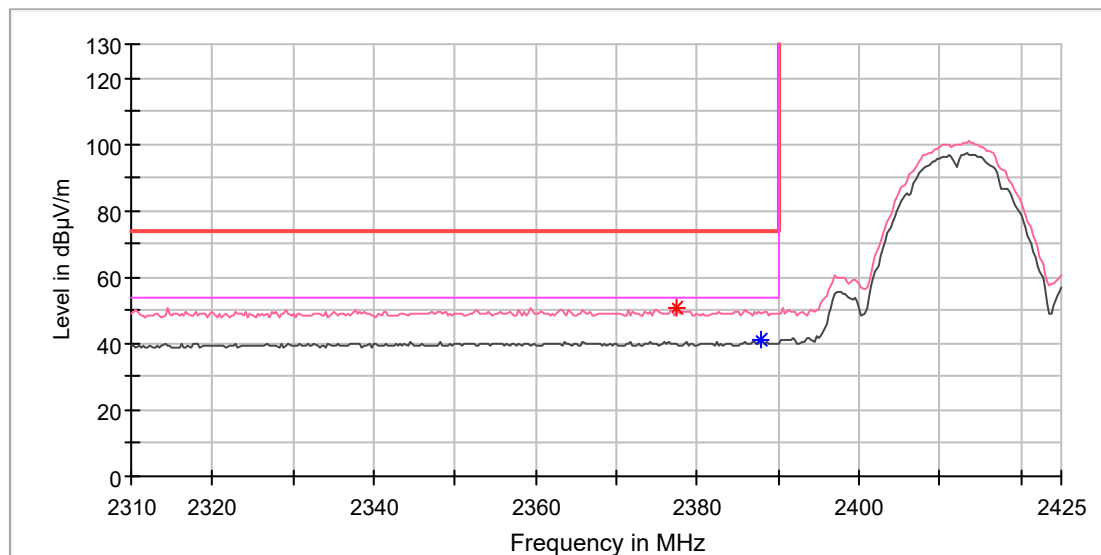
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
2386.764706	52.42	---	74.00	21.58	150.0	H	63.0	8.5
2387.352941	---	44.59	54.00	9.42	150.0	H	57.0	8.5

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

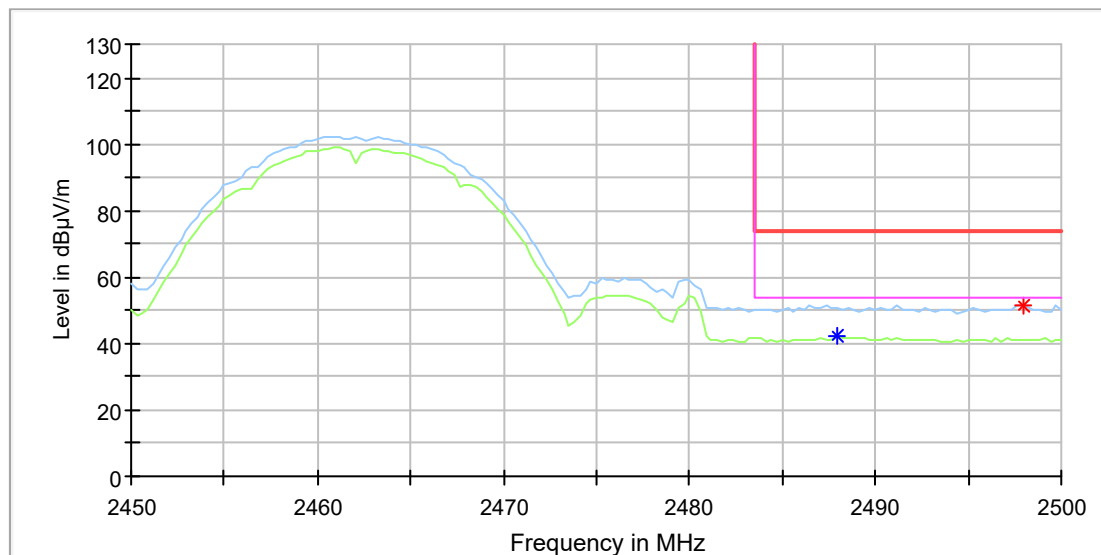
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2377.352941	50.59	---	74.00	23.41	150.0	V	254.0	8.5
2387.941177	---	41.22	54.00	12.78	150.0	V	106.0	8.5

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

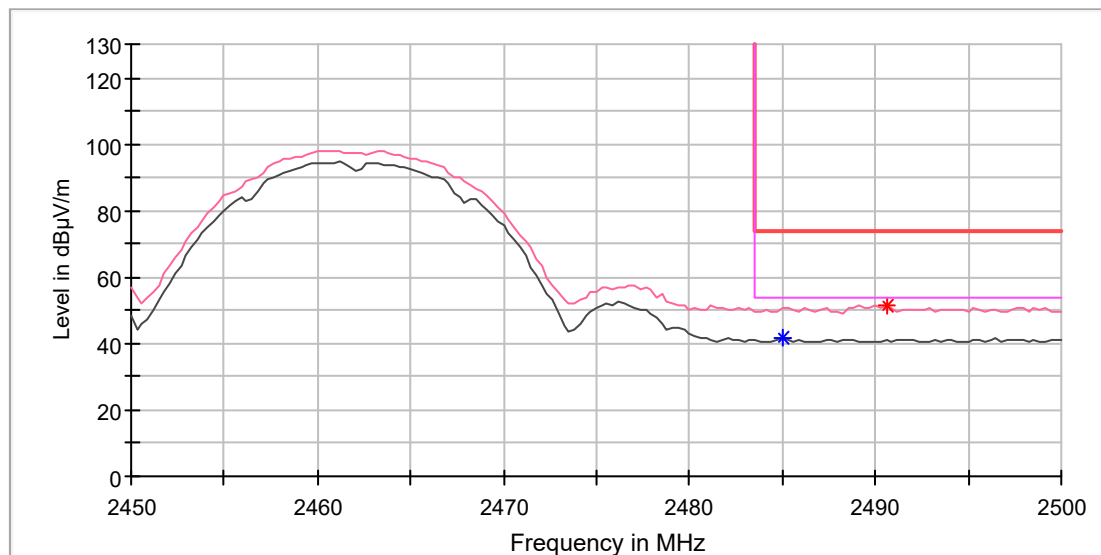
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.941177	---	42.33	54.00	11.67	150.0	H	42.0	9.0
2497.941177	51.43	---	74.00	22.57	150.0	H	247.0	9.0

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168558370/A004111880-002
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)
2485.000000	---	41.73	54.00	12.27	150.0	V	90.0	9.0
2490.588235	51.55	---	74.00	22.45	150.0	V	79.0	9.0

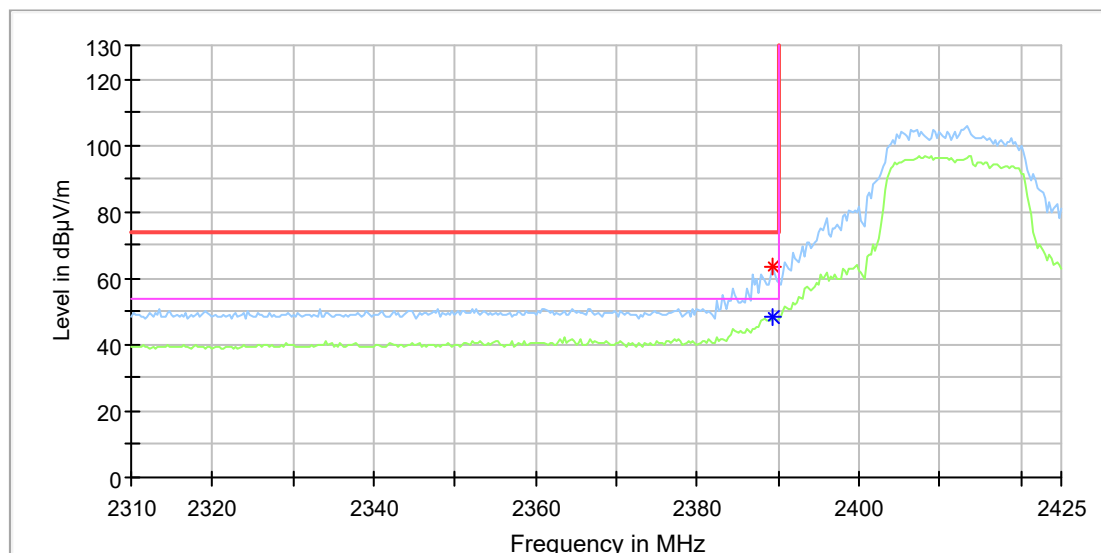
Final Result

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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Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

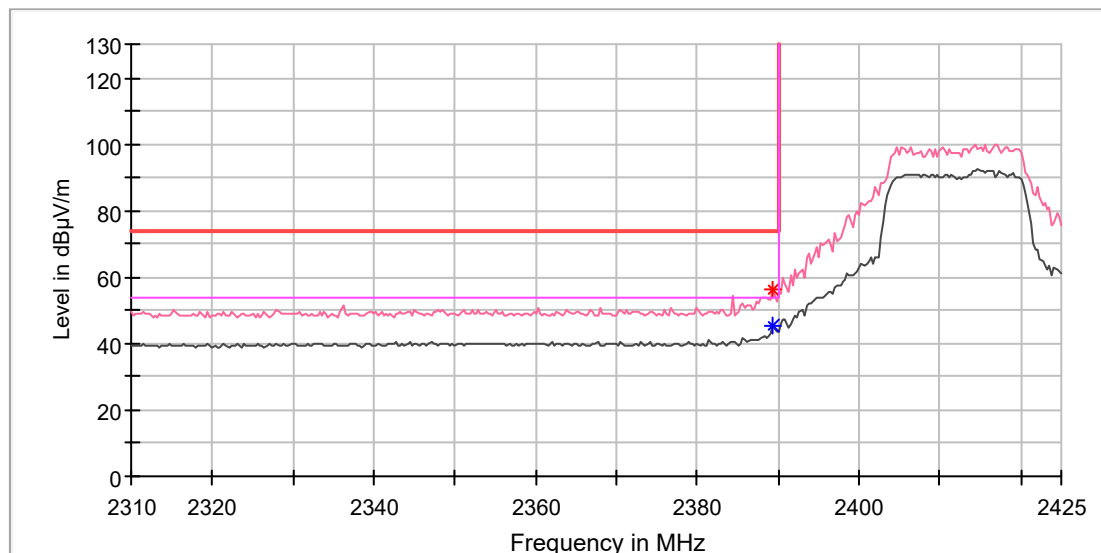
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	63.58	---	74.00	10.42	150.0	H	56.0	8.5
2389.411765	---	48.12	54.00	5.88	150.0	H	56.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	59.5	59.5	59.5	0.0	100	0	0	0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

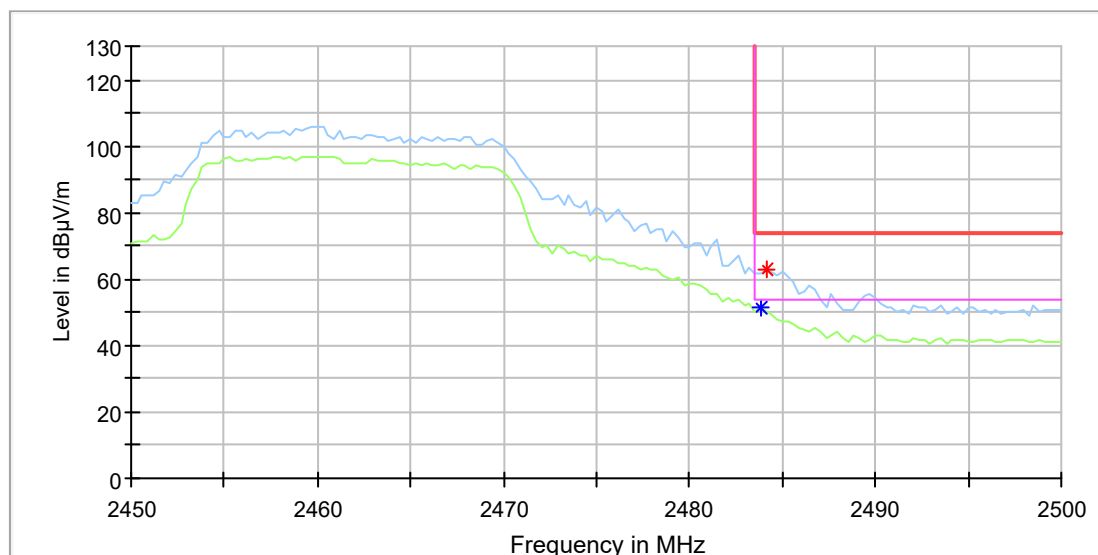
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	56.29	---	74.00	17.71	150.0	V	56.0	8.5
2389.411765	---	45.27	54.00	8.73	150.0	V	56.0	8.5

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

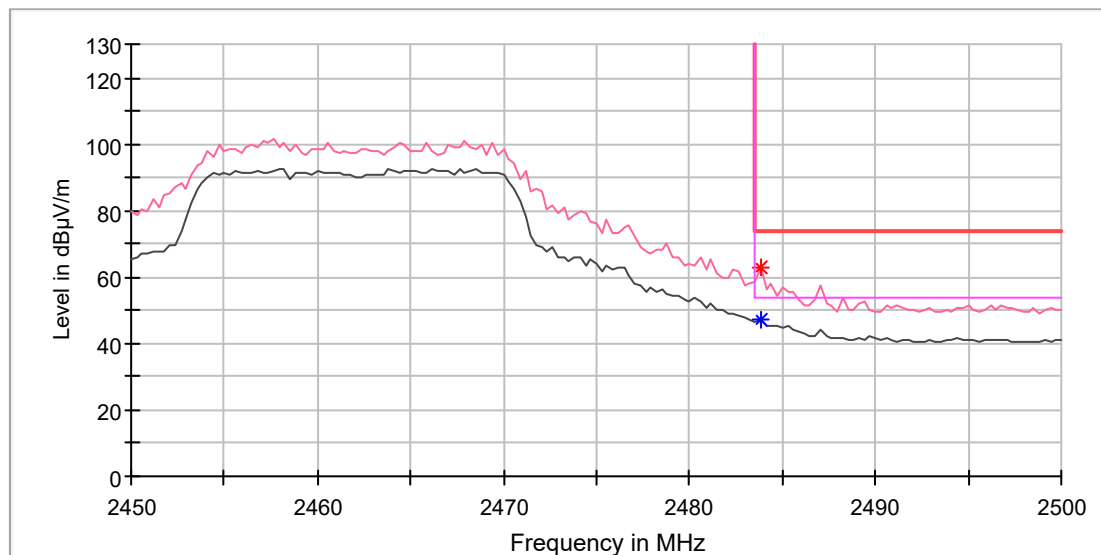
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	51.27	54.00	2.73	150.0	H	75.0	9.0
2484.117647	63.18	---	74.00	10.82	150.0	H	66.0	9.0

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168558370/A004111880-002
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)
2483.823529	---	46.92	54.00	7.08	150.0	V	128.0	9.0
2483.823529	63.17	---	74.00	10.83	150.0	V	128.0	9.0

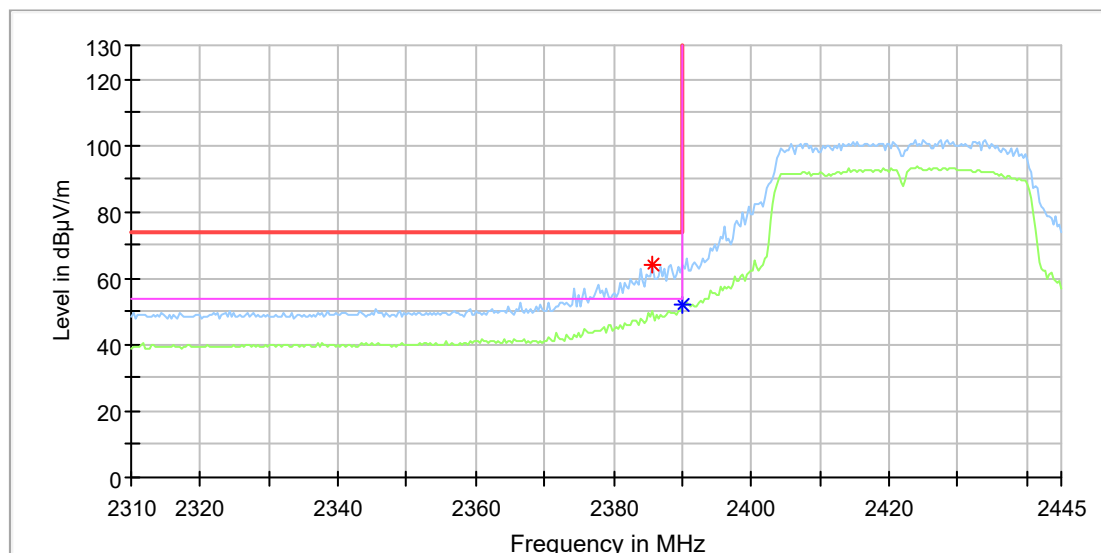
Final Result

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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Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

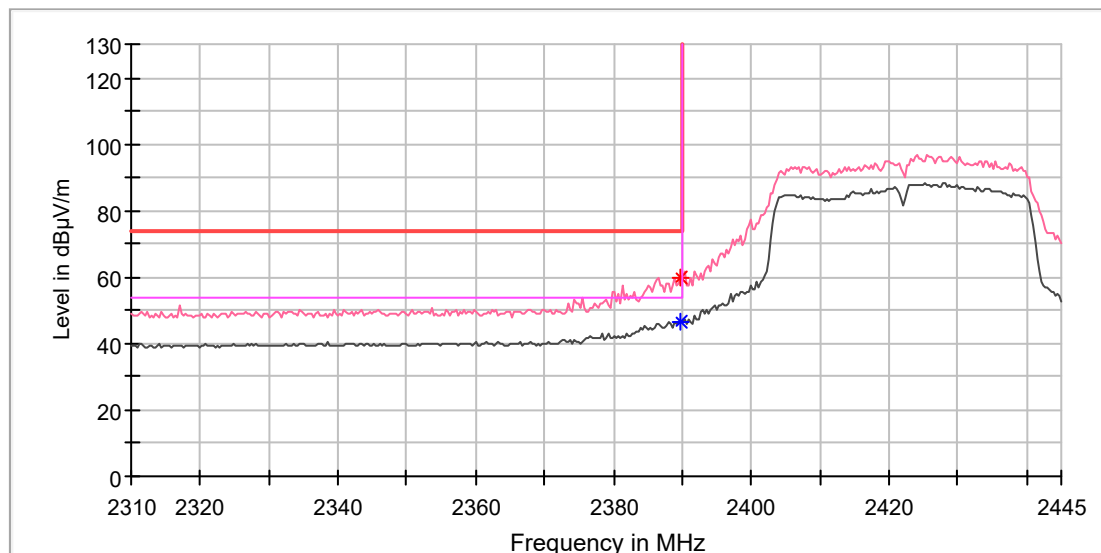
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.588235	64.00	---	74.00	10.00	150.0	H	64.0	8.5
2390.000000	---	51.82	54.00	2.18	150.0	H	64.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.5	122.5	122.5	0	100	h	135	0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

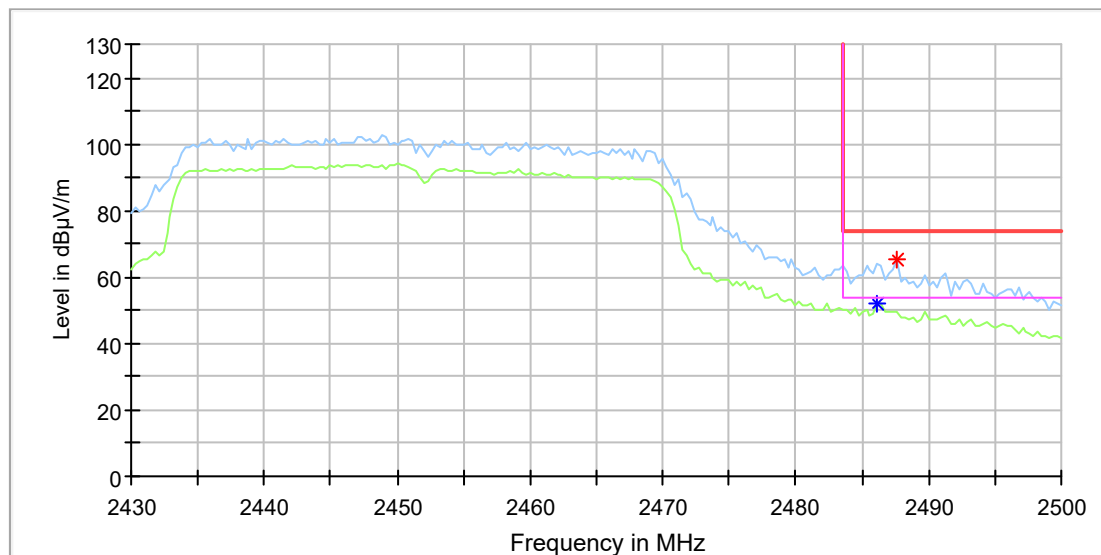
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	59.86	---	74.00	14.14	150.0	V	188.0	8.5
2389.705882	---	46.66	54.00	7.34	150.0	V	188.0	8.5

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

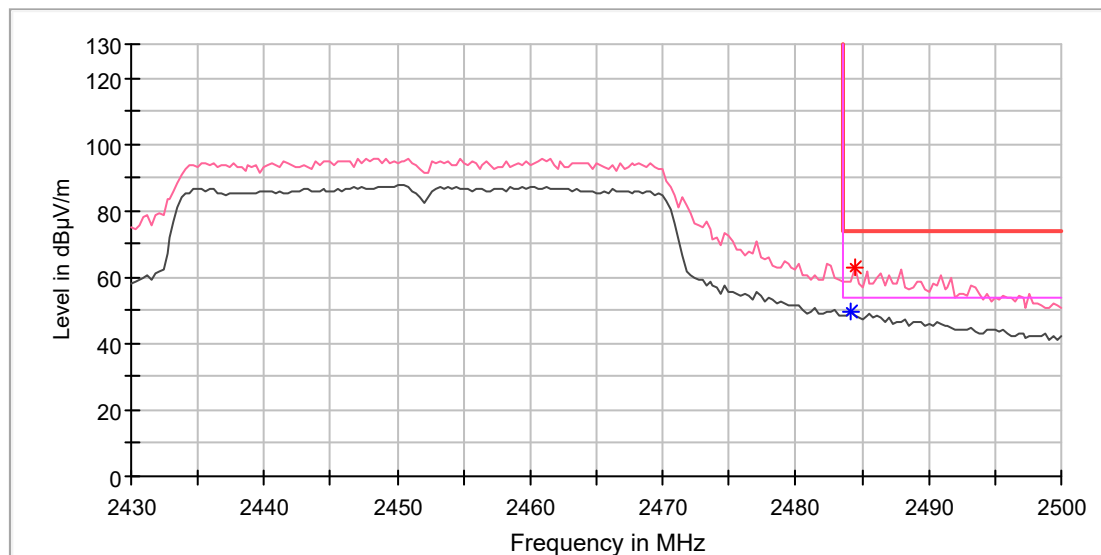
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.176471	---	52.00	54.00	2.00	150.0	H	28.0	9.0
2487.647059	65.27	---	74.00	8.73	150.0	H	28.0	9.0

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168558370/A004111880-002
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)
2484.117647	---	49.28	54.00	4.72	150.0	V	97.0	9.0
2484.411765	62.65	---	74.00	11.35	150.0	V	97.0	9.0

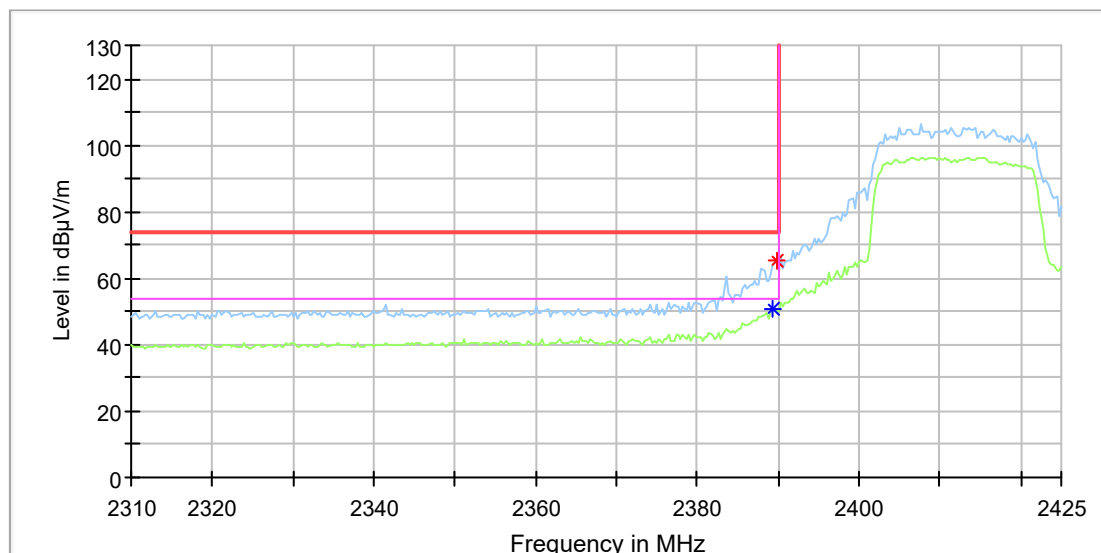
Final Result

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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Wi-Fi 802.11 ax(HE20) mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

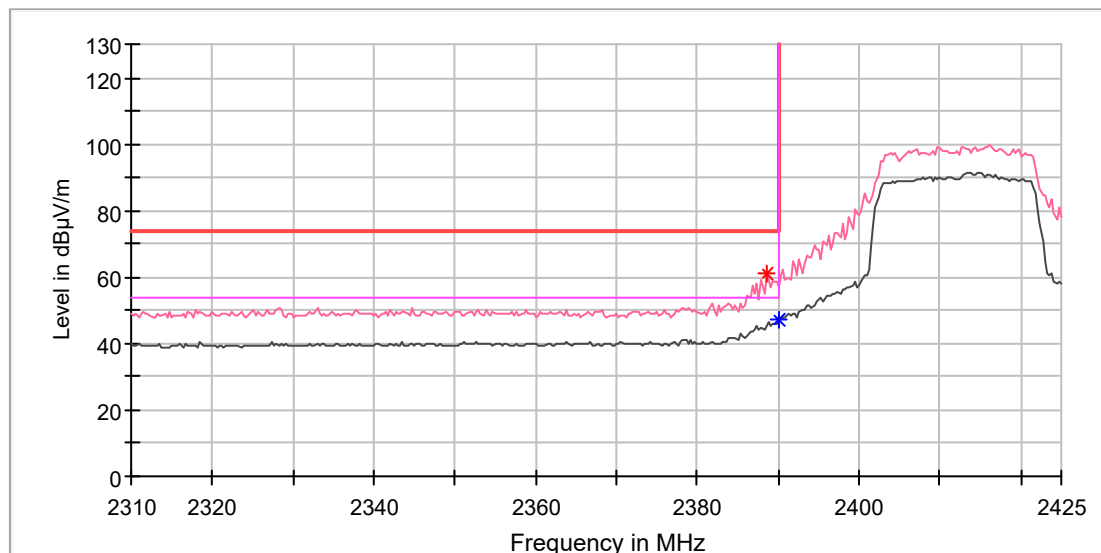
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	50.56	54.00	3.44	150.0	H	59.0	8.5
2389.705882	65.15	---	74.00	8.85	150.0	H	59.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.5	122.5	122.5	0	100	h	135	0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

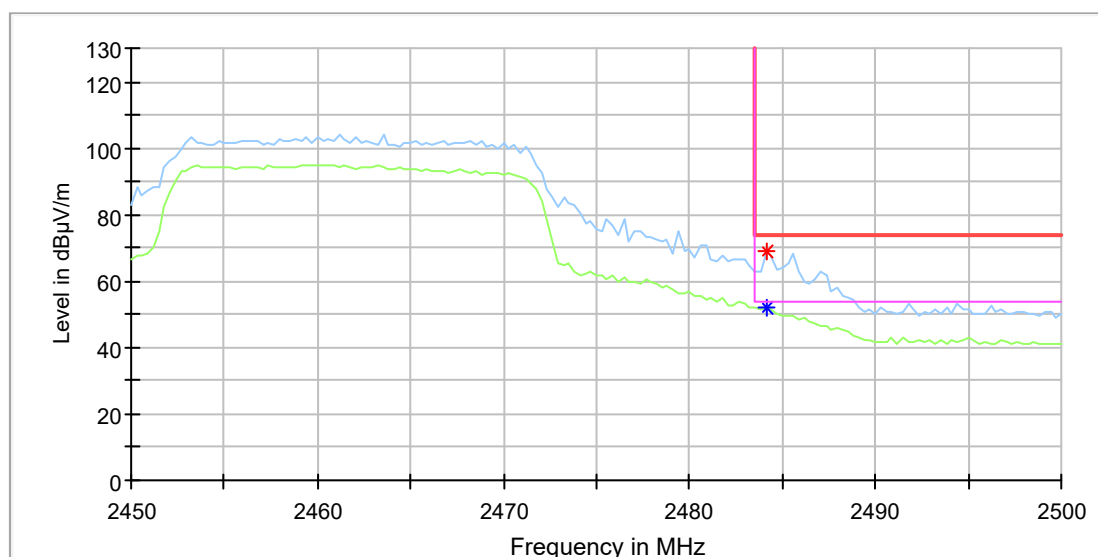
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	61.12	---	74.00	12.88	150.0	V	79.0	8.5
2390.000000	---	47.39	54.00	6.61	150.0	V	47.0	8.5

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 2.4G_11ax20_Ch11
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

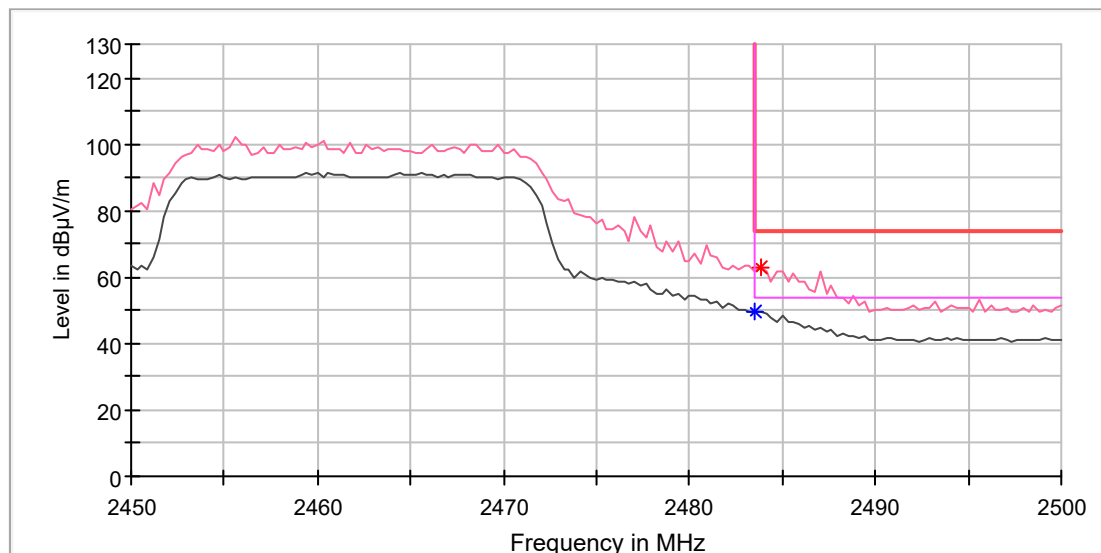
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	51.82	54.00	2.18	150.0	H	18.0	9.0
2484.117647	69.22	---	74.00	4.78	150.0	H	18.0	9.0

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:	RRE0CPS
Test Mode:	WIFI 2.4G_11ax20_Ch11
Order No/Sample No:	168558370/A004111880-002
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)
2483.529412	---	49.39	54.00	4.61	150.0	V	242.0	9.0
2483.823529	62.84	---	74.00	11.16	150.0	V	100.0	9.0

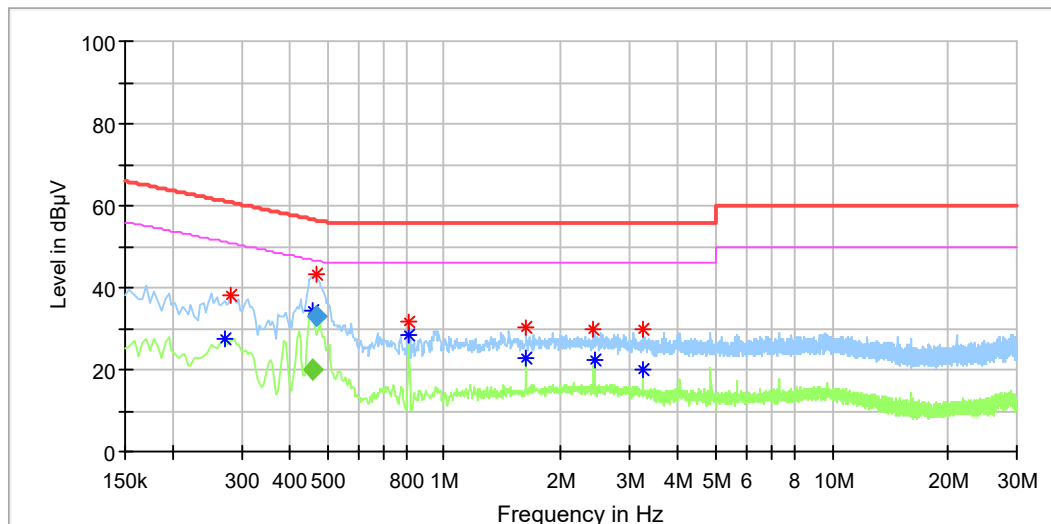
Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Order Number: 168558370(P01973680)
Model: RRE0CPS
Test Mode: Charging + working
Test Voltage: AC 120V, 60Hz
Test Standard: FCC Part 15
Test By:/Review By: Leon Zhu / Murphy Chen
Tem./Hum./Pressure: 24.0°C/52.1%/101kPa
Remark: SR 3



Critical Freqs

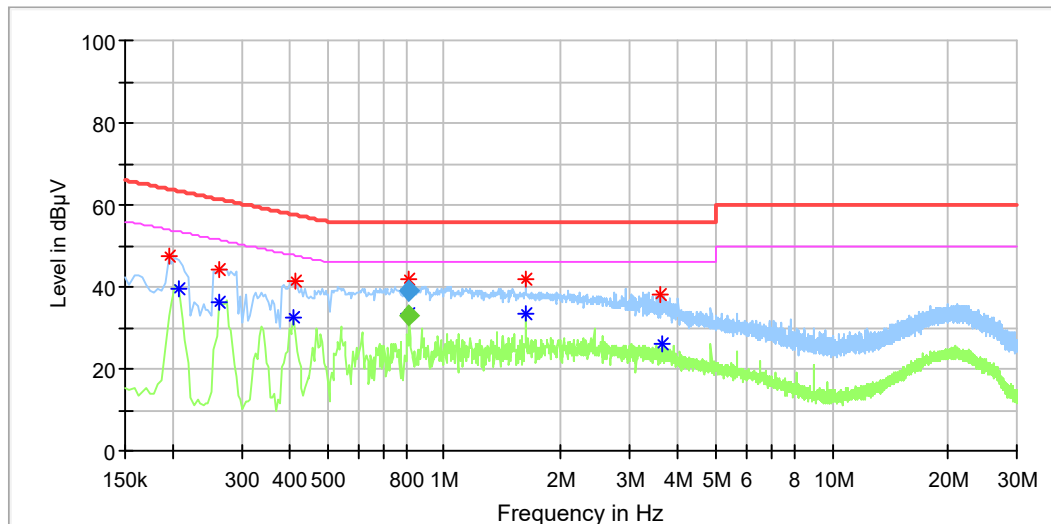
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.270	---	27.3	51.12	23.80	L1	9.6
0.282	38.2	---	60.76	22.54	L1	9.6
0.459	---	34.2	46.80	12.56	L1	9.5
0.470	43.5	---	56.59	13.10	L1	9.5
0.810	---	28.4	46.00	17.58	L1	9.7
0.810	31.9	---	56.00	24.14	L1	9.7
1.622	---	23.0	46.00	22.99	L1	9.6
1.622	30.4	---	56.00	25.64	L1	9.6
2.430	29.8	---	56.00	26.24	L1	9.6
2.434	---	22.4	46.00	23.63	L1	9.6
3.246	---	20.1	46.00	25.93	L1	9.6
3.246	29.9	---	56.00	26.08	L1	9.6

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.459	---	20.2	46.72	26.50	1000.0	9.0	L1	9.5
0.470	33.0	---	56.52	23.57	1000.0	9.0	L1	9.5

EUT Information

EUT Name: Robotic Vacuum Cleaner
Order Number: 168558370(P01973680)
Model: RRE0CPS
Test Mode: Charging + working
Test Voltage: AC 120V, 60Hz
Test Standard: FCC Part 15
Test By:/Review By: Leon Zhu / Murphy Chen
Tem./Hum./Pressure: 24.0°C/52.1%/101kPa
Remark: SR 3



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.194	47.2	---	63.86	16.64	N	9.9
0.206	---	39.5	53.37	13.89	N	9.9
0.262	---	36.4	51.37	14.99	N	9.9
0.262	44.3	---	61.37	17.09	N	9.9
0.410	---	32.4	47.65	15.23	N	9.9
0.414	41.3	---	57.57	16.22	N	9.9
0.814	41.7	---	56.00	14.27	N	9.8
0.814	---	33.7	46.00	12.35	N	9.8
1.622	---	33.3	46.00	12.69	N	9.9
1.622	41.7	---	56.00	14.32	N	9.9
3.602	38.1	---	56.00	17.94	N	9.7
3.658	---	26.1	46.00	19.89	N	9.7

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.814	---	33.0	46.00	13.02	1000.0	9.0	N	9.8
0.814	39.2	---	56.00	16.81	1000.0	9.0	N	9.8