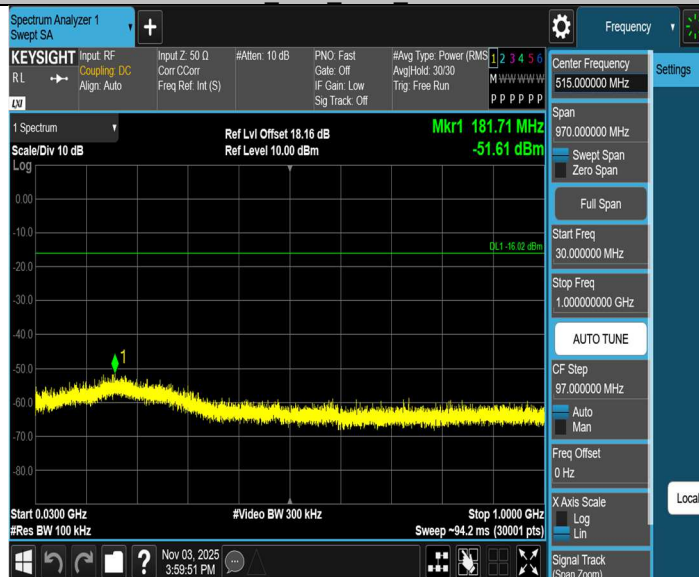




11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



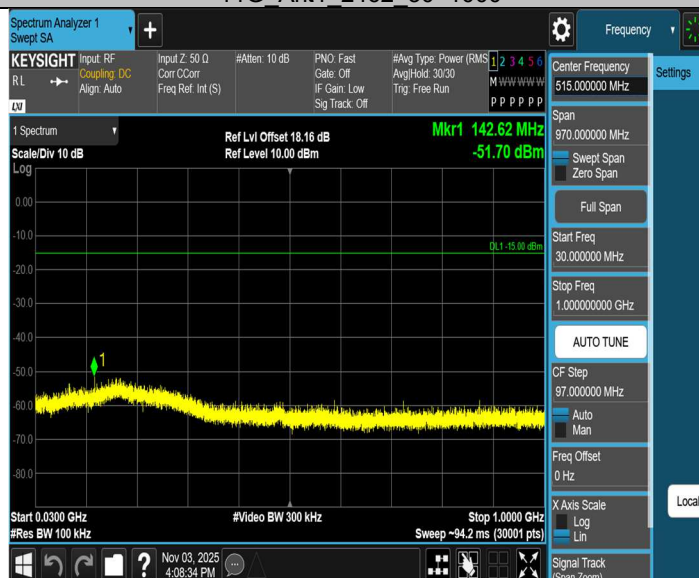
11G_Ant1_2437_1000~26500



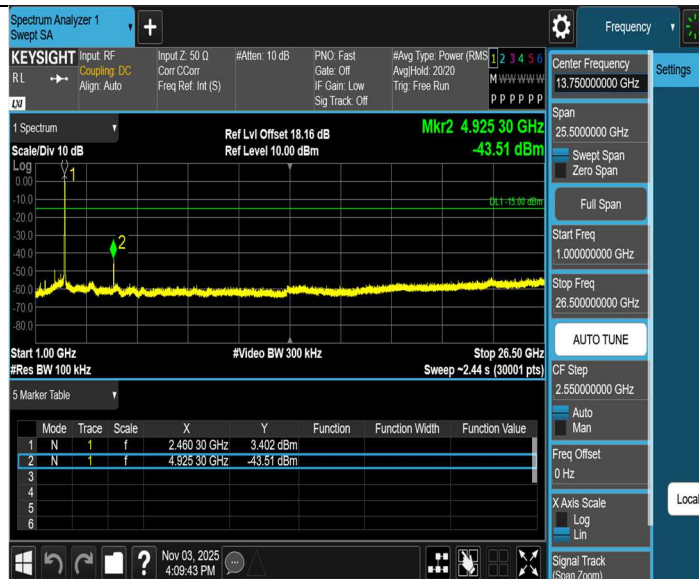
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



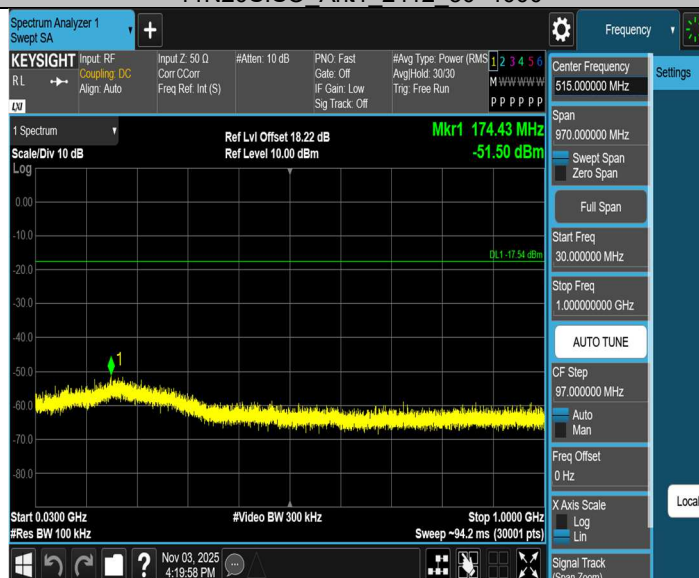
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



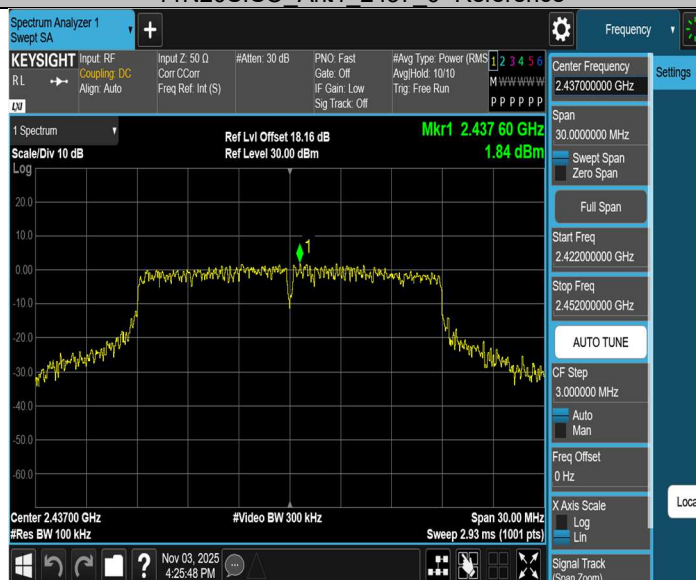
11N20SISO_Ant1_2412_30~1000



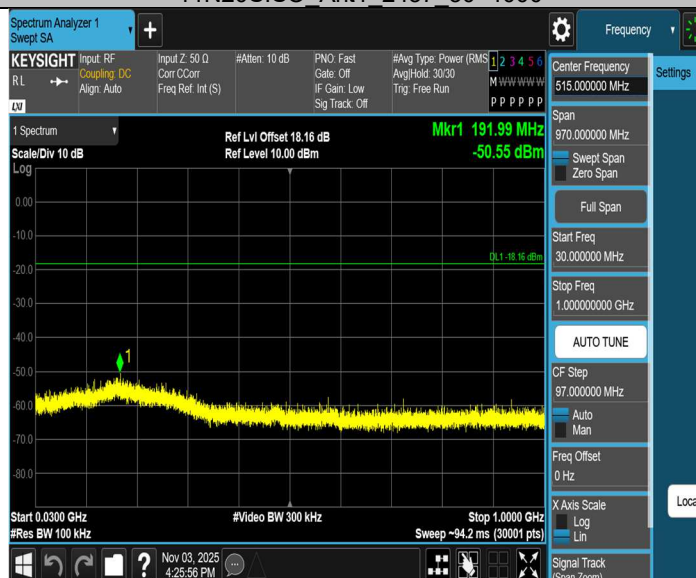
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



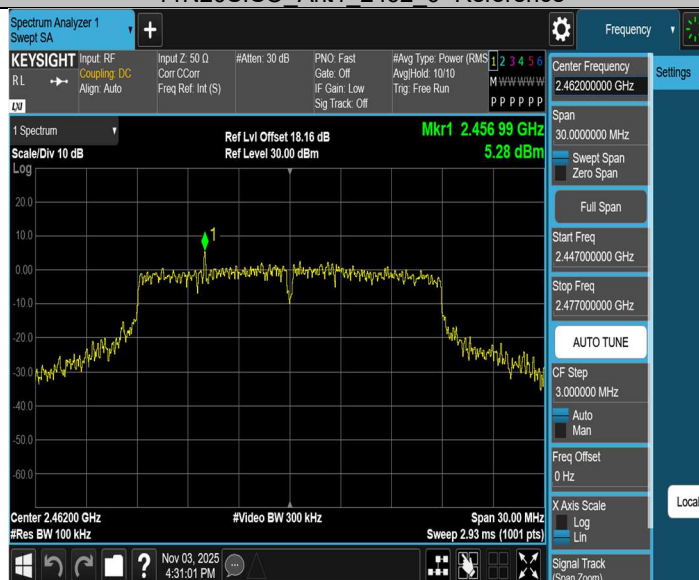
11N20SISO_Ant1_2437_30~1000



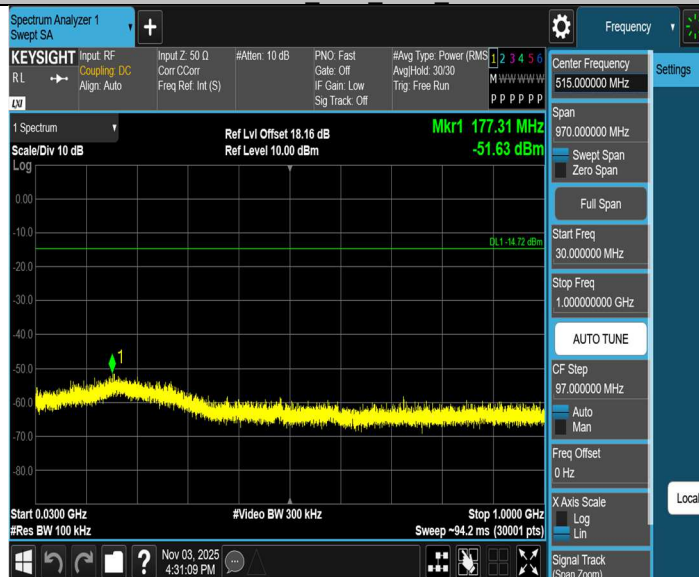
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



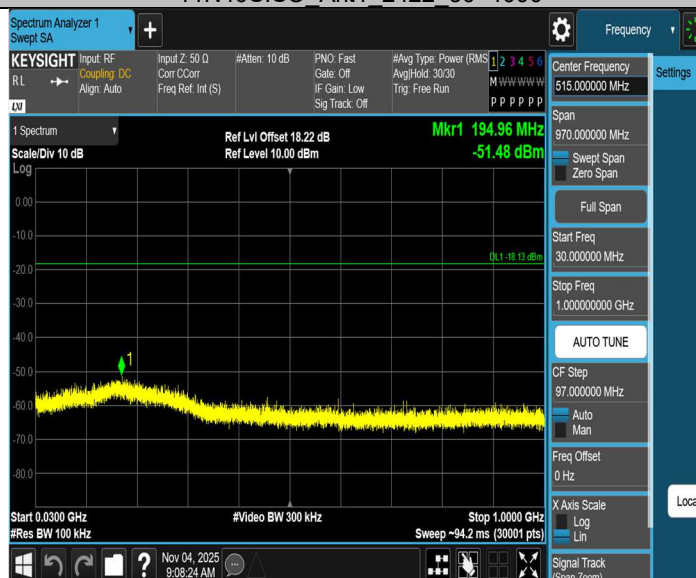
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



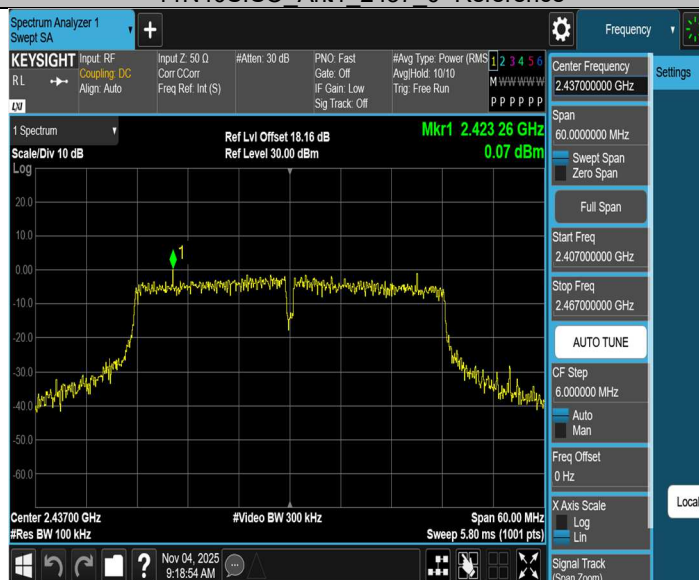
11N40SISO_Ant1_2422_30~1000



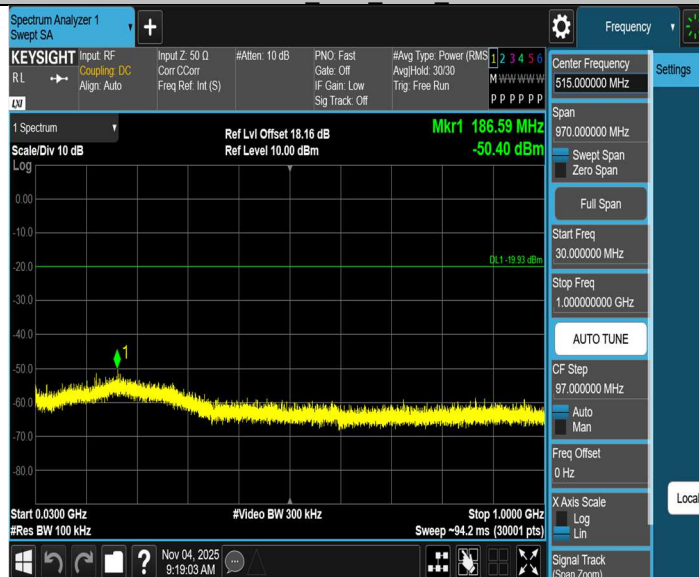
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



11AX20SISO_Ant1_2412_0~Reference



11AX20SISO_Ant1_2412_30~1000



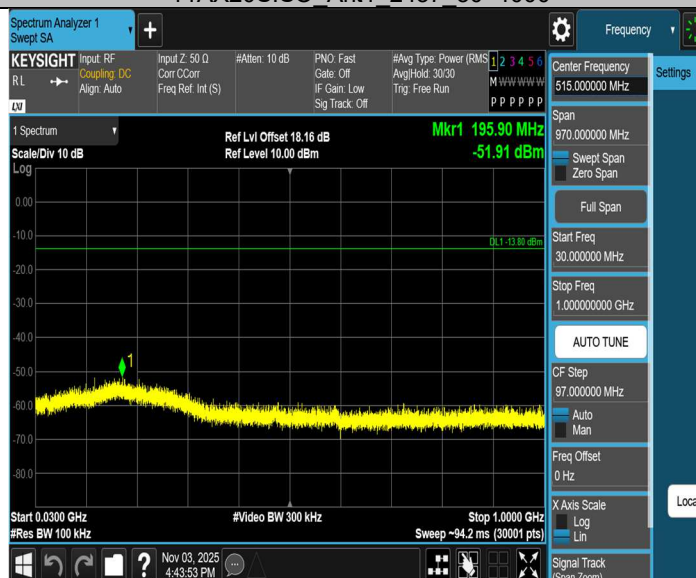
11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference



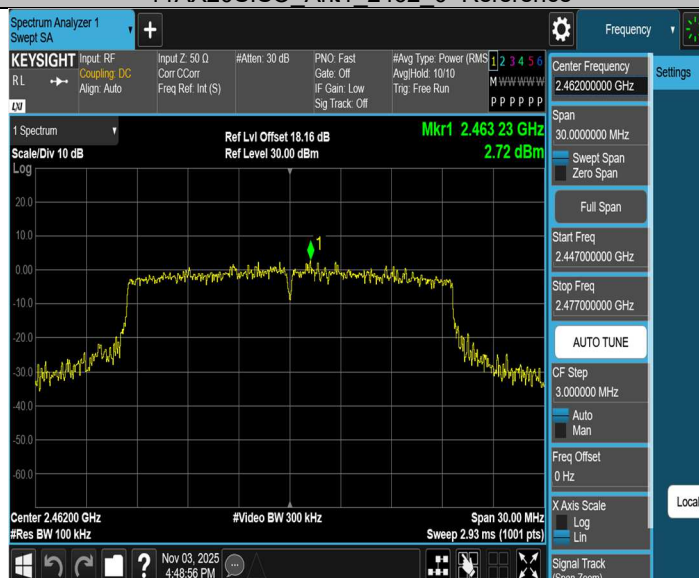
11AX20SISO_Ant1_2437_30~1000



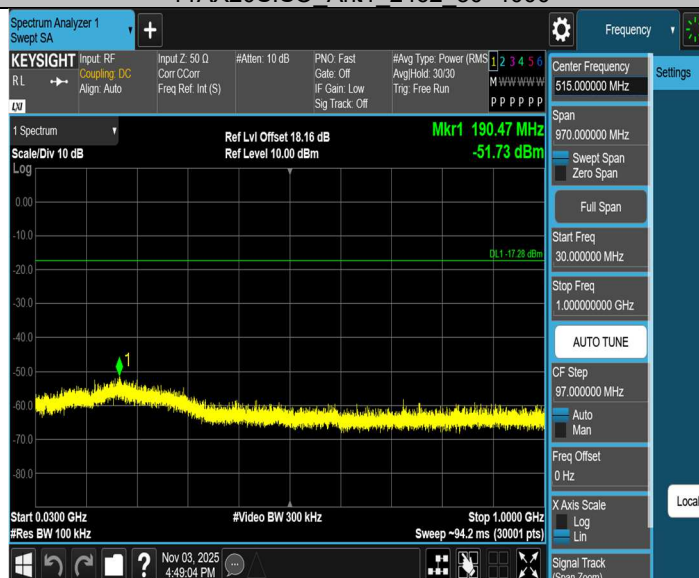
11AX20SISO_Ant1_2437_1000~26500



11AX20SISO_Ant1_2462_0~Reference



11AX20SISO_Ant1_2462_30~1000



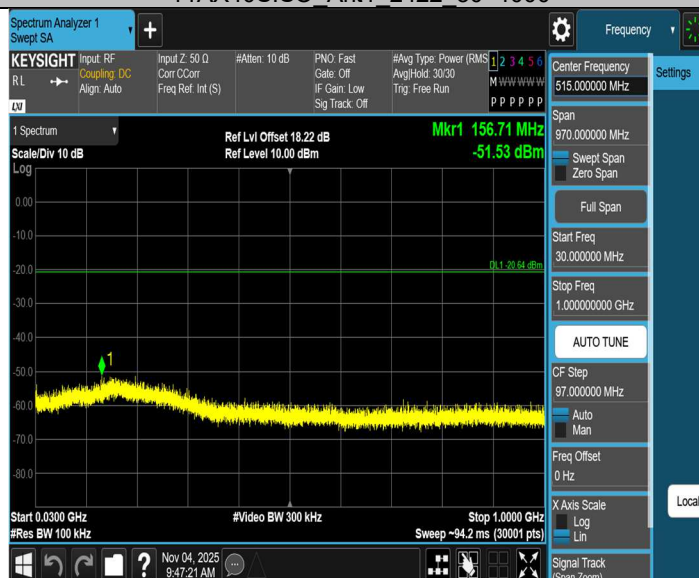
11AX20SISO_Ant1_2462_1000~26500



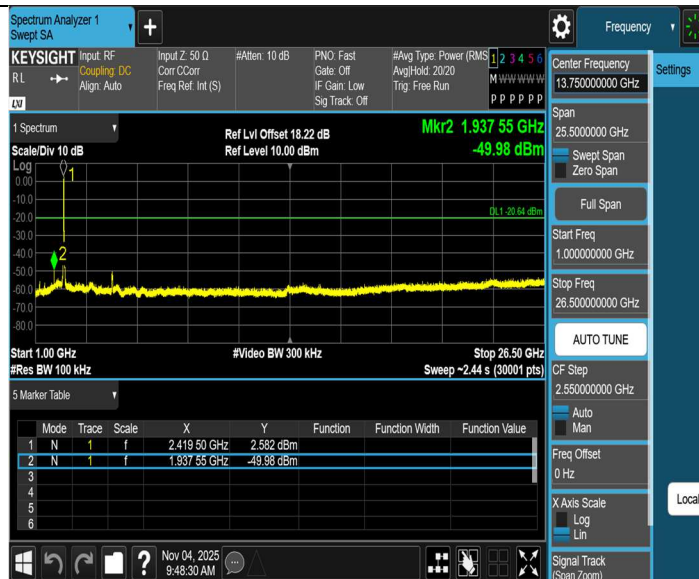
11AX40SISO_Ant1_2422_0~Reference



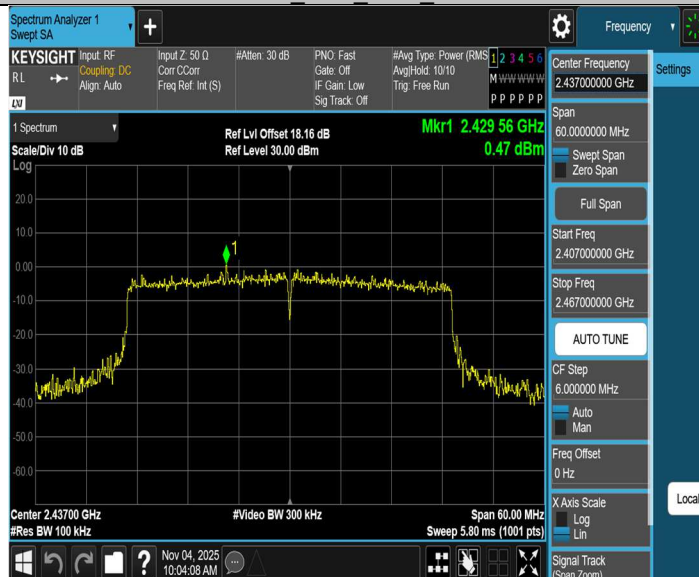
11AX40SISO_Ant1_2422_30~1000



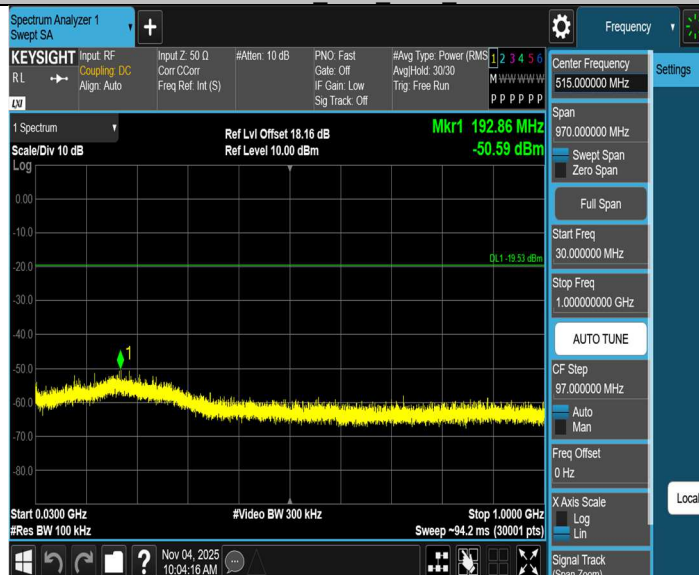
11AX40SISO_Ant1_2422_1000~26500



11AX40SISO_Ant1_2437_0~Reference



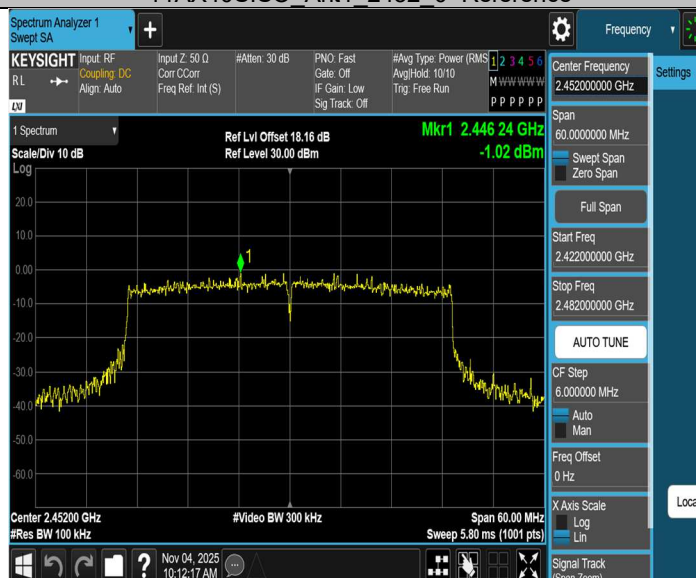
11AX40SISO_Ant1_2437_30~1000



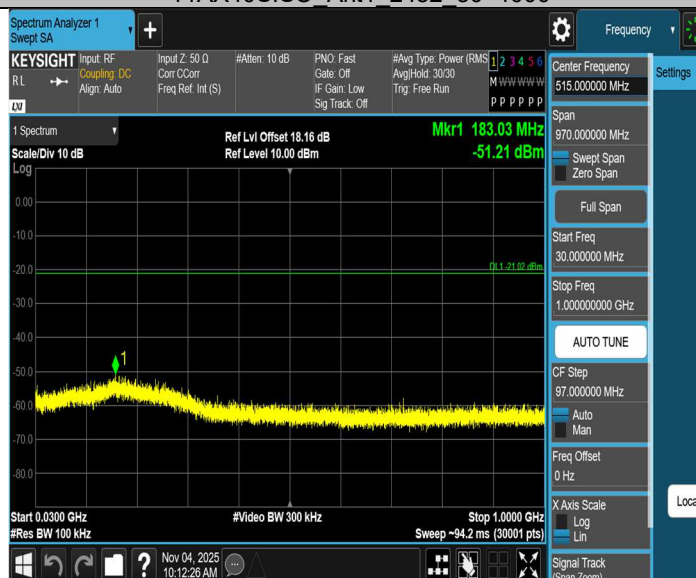
11AX40SISO_Ant1_2437_1000~26500



11AX40SISO_Ant1_2452_0~Reference



11AX40SISO_Ant1_2452_30~1000



11AX40SISO_Ant1_2452_1000~26500



Appendix B.6: Test Results of Radiated Spurious Emissions

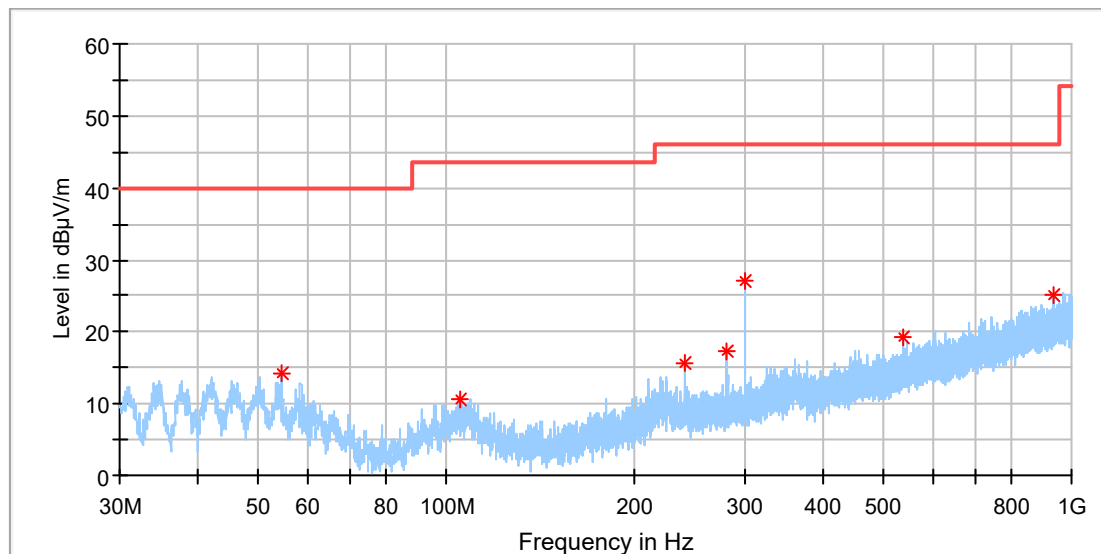
Note:

- 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:	RRE0VES
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

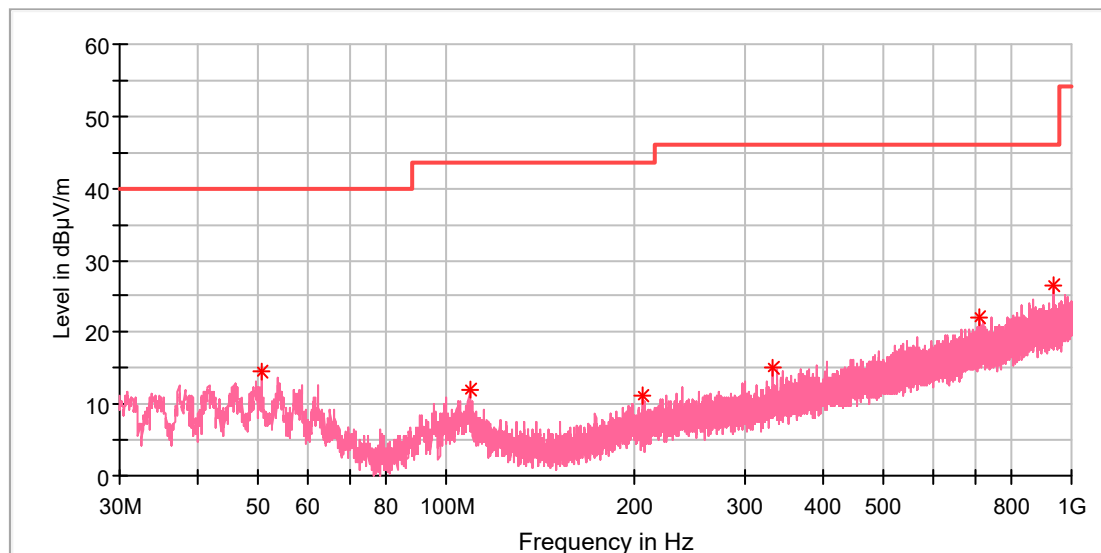
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.511154	14.13	40.00	25.87	100.0	H	0.0	-18.5
105.548077	10.61	43.50	32.89	100.0	H	212.0	-18.9
239.893077	15.66	46.00	30.34	100.0	H	302.0	-17.7
280.036154	17.28	46.00	28.72	100.0	H	264.0	-16.7
299.995769	27.02	46.00	18.98	100.0	H	0.0	-16.3
539.212692	19.21	46.00	26.79	100.0	H	212.0	-11.0
936.950000	25.25	46.00	20.75	100.0	H	0.0	-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: RRE0VES
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
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)
50.668462	14.46	40.00	25.54	100.0	V	135.0	-18.4
108.831154	11.87	43.50	31.63	100.0	V	241.0	-19.1
205.980385	11.14	43.50	32.36	100.0	V	40.0	-19.0
332.975769	15.16	46.00	30.84	100.0	V	217.0	-15.2
713.103846	22.09	46.00	23.91	100.0	V	278.0	-7.7
936.950000	26.45	46.00	19.55	100.0	V	118.0	-4.4

Final Result

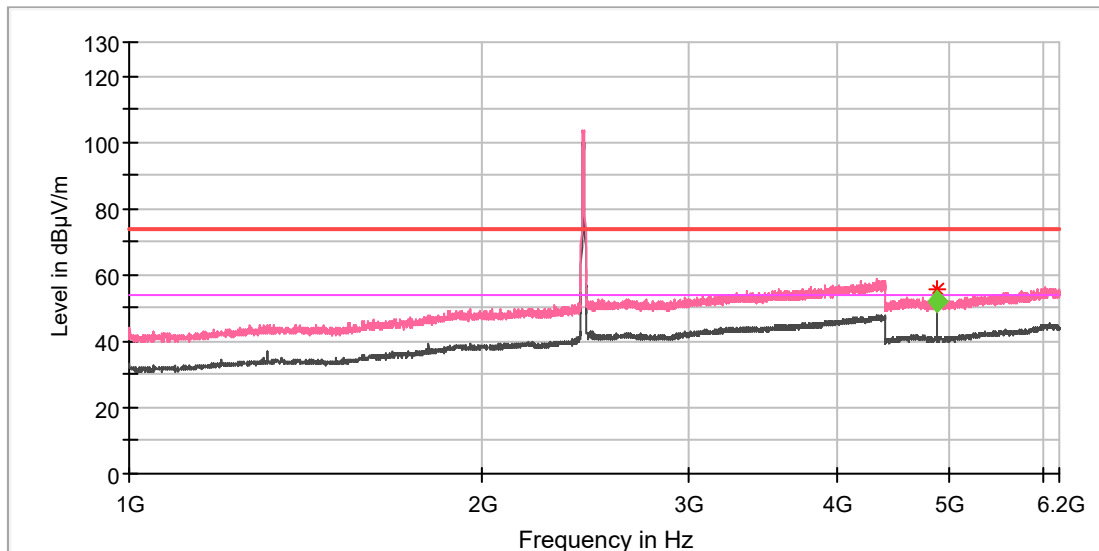
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Information

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
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)
4873.500000	55.41	---	74.00	18.59	150.0	V	349.0	13.3

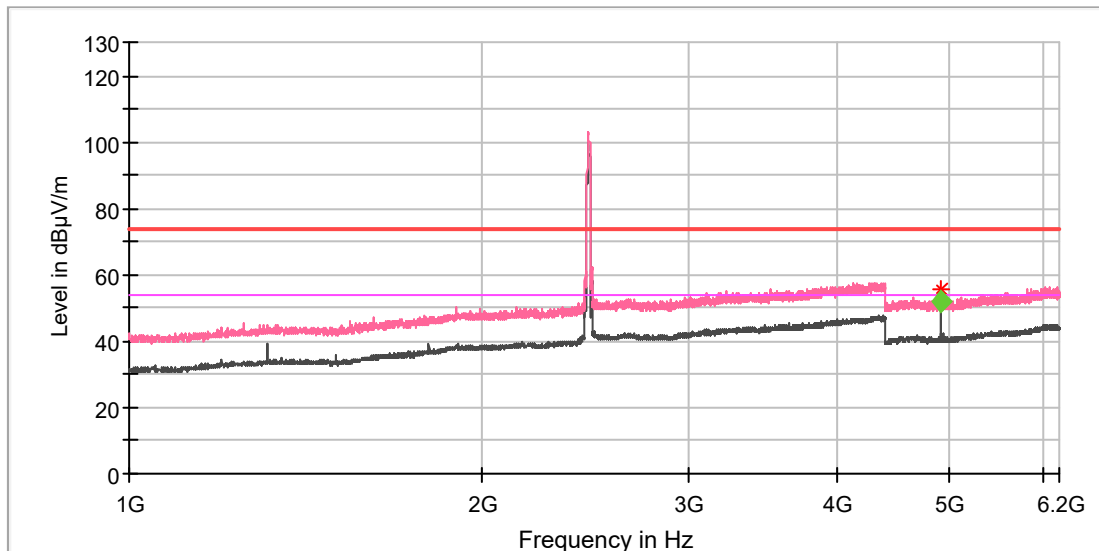
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.938889	---	51.76	54.00	2.24	150.0	V	349.0	13.3

EUT Information

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
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	55.53	---	74.00	18.47	150.0	V	353.0	13.3

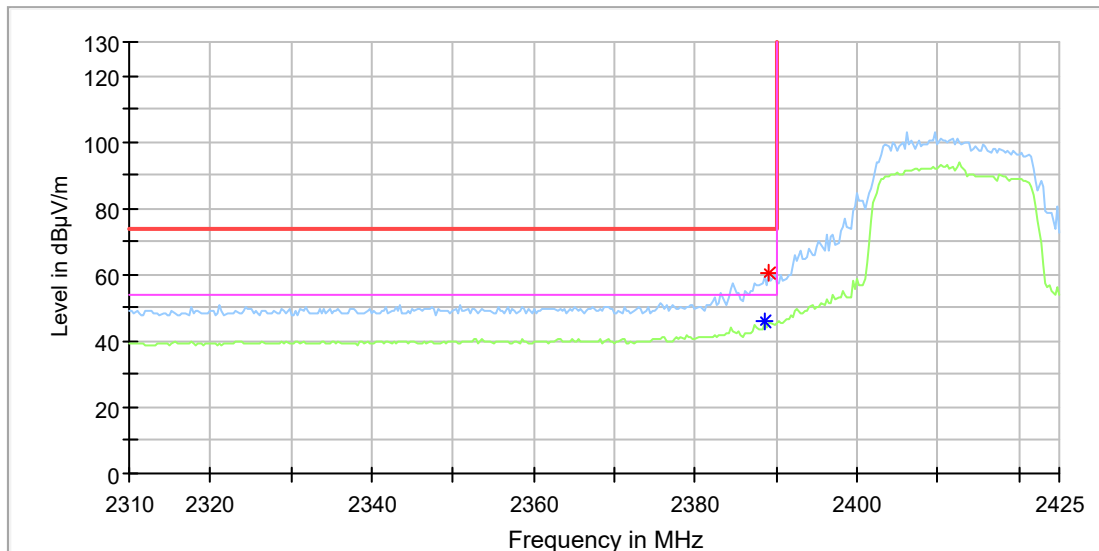
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.983333	---	51.80	54.00	2.20	150.0	V	353.0	13.3

Appendix B.7: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
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	---	46.11	54.00	7.89	150.0	H	305.0	8.5
2389.117647	60.27	---	74.00	13.73	150.0	H	305.0	8.5

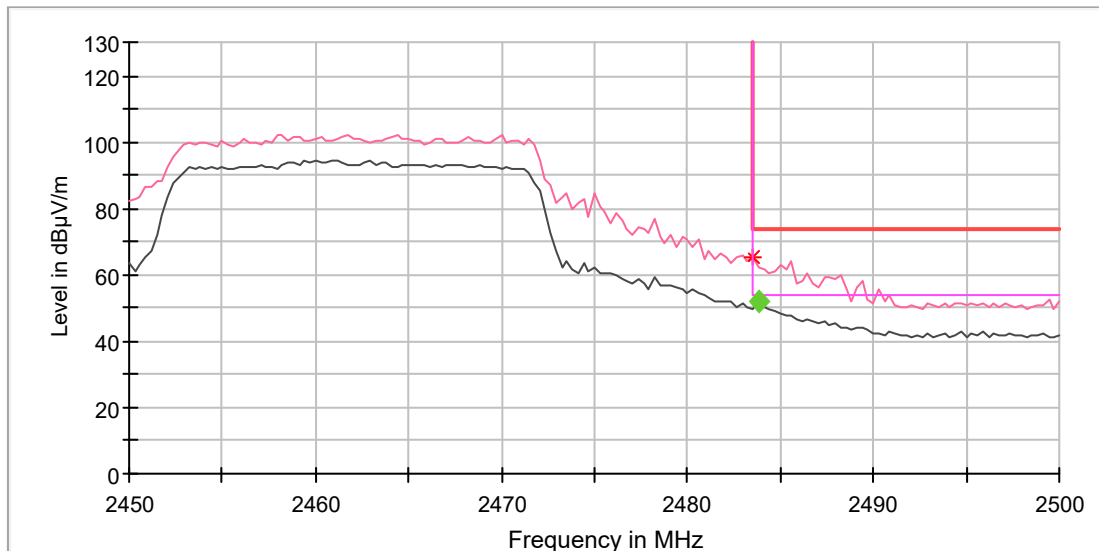
Final_Result

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	

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: RRE0VES
Test Mode: WIFI 2.4G_11ax20_Ch11
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

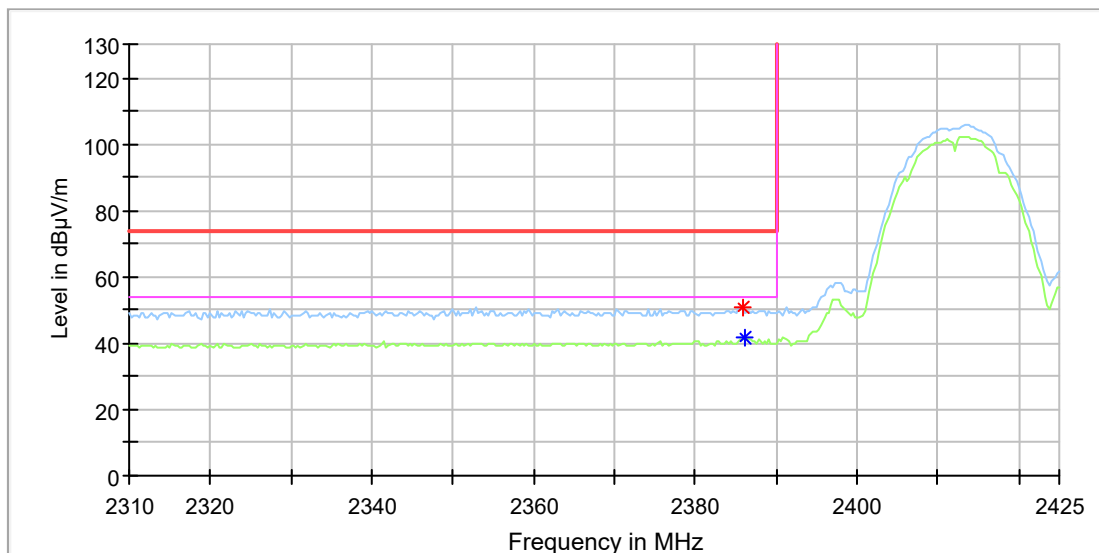
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	65.10	---	74.00	8.90	150.0	V	238.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	51.88	54.00	2.12	150.0	V	249.0	9.0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
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)
2385.882353	50.82	---	74.00	23.18	150.0	H	254.0	8.5
2386.176471	---	41.50	54.00	12.50	150.0	H	254.0	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 Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

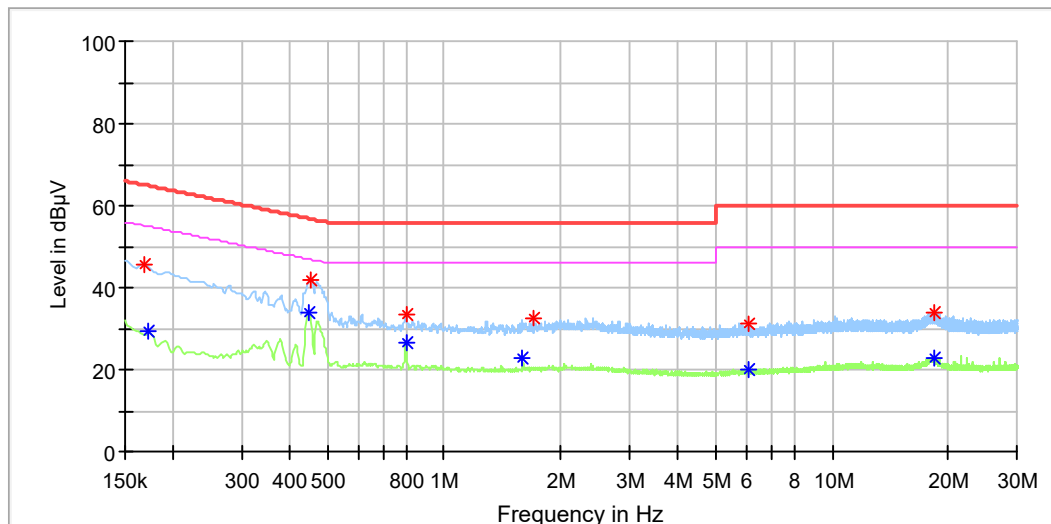
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

Appendix B.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Order Number:	P02094262
Model:	RRE0VES
Test Mode:	Charging + working
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC PART 15
Test By:/Review By:	Simon Feng / 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)
0.167	45.6	---	65.09	19.44	L1	9.6
0.172	---	29.1	54.85	25.72	L1	9.6
0.449	---	33.8	46.90	13.06	L1	9.5
0.453	42.0	---	56.81	14.82	L1	9.5
0.797	---	26.4	46.00	19.64	L1	9.7
0.797	33.5	---	56.00	22.46	L1	9.7
1.593	---	22.9	46.00	23.11	L1	9.6
1.692	32.7	---	56.00	23.34	L1	9.6
6.070	---	19.8	50.00	30.18	L1	9.8
6.078	31.1	---	60.00	28.87	L1	9.8
18.324	---	22.7	50.00	27.32	L1	9.7
18.326	34.1	---	60.00	25.85	L1	9.7

Final Result

[illegible]

