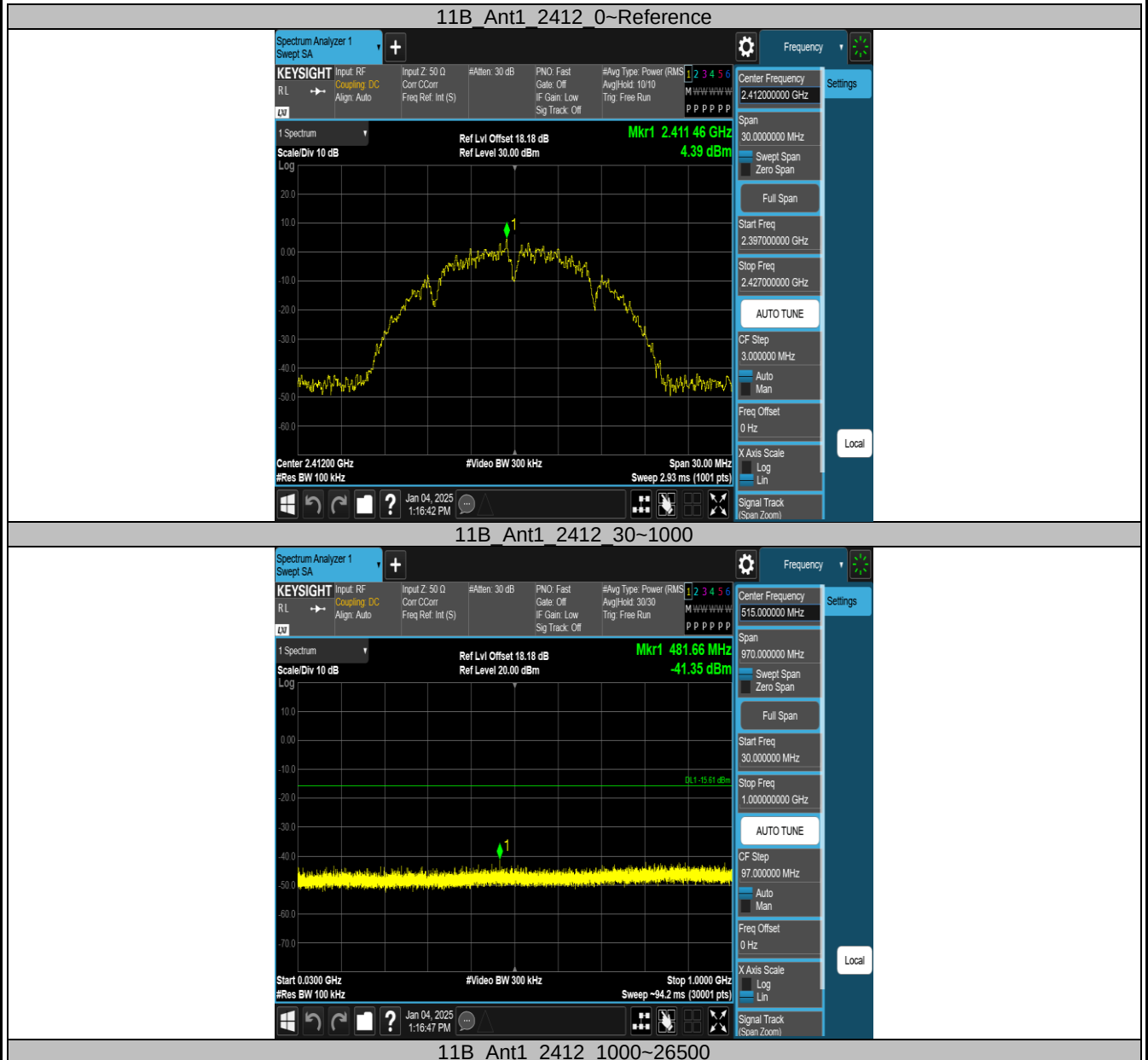
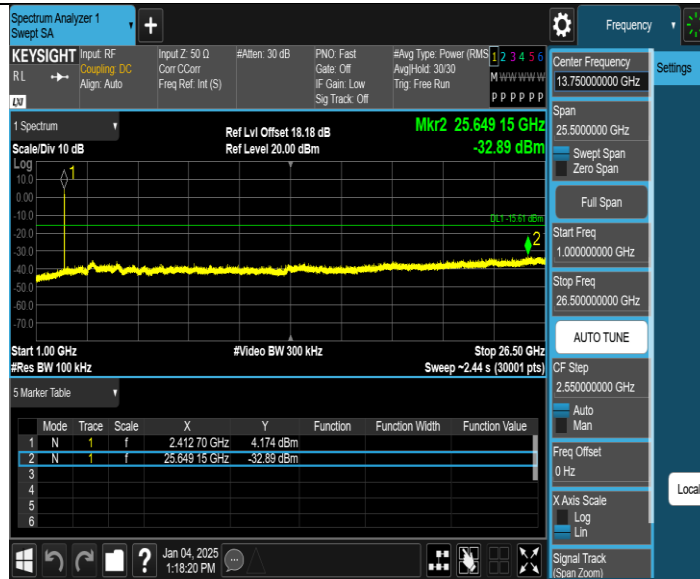


Conducted Spurious Emission

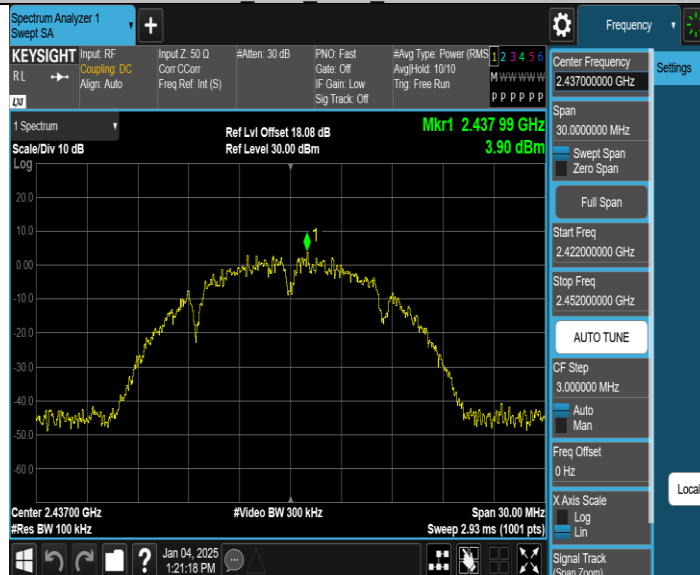
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-41.35	≤-15.61	PASS
			1000~26500	4.39	-32.89	≤-15.61	PASS
		2437	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-41.74	≤-16.1	PASS
			1000~26500	3.90	-32.55	≤-16.1	PASS
		2462	Reference	3.29	3.29	---	PASS
			30~1000	3.29	-41.88	≤-16.71	PASS
			1000~26500	3.29	-32.6	≤-16.71	PASS
11G	Ant1	2412	Reference	-1.27	-1.27	---	PASS
			30~1000	-1.27	-42.14	≤-21.27	PASS
			1000~26500	-1.27	-32.9	≤-21.27	PASS
		2437	Reference	-2.16	-2.16	---	PASS
			30~1000	-2.16	-41.46	≤-22.16	PASS
			1000~26500	-2.16	-33.45	≤-22.16	PASS
		2462	Reference	-2.48	-2.48	---	PASS
			30~1000	-2.48	-41.7	≤-22.48	PASS
			1000~26500	-2.48	-32.58	≤-22.48	PASS
11N20SISO	Ant1	2412	Reference	-0.75	-0.75	---	PASS
			30~1000	-0.75	-42.23	≤-20.75	PASS
			1000~26500	-0.75	-32.66	≤-20.75	PASS
		2437	Reference	-2.37	-2.37	---	PASS
			30~1000	-2.37	-41.66	≤-22.37	PASS
			1000~26500	-2.37	-32.17	≤-22.37	PASS
		2462	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-41.93	≤-20.6	PASS
			1000~26500	-0.60	-32.4	≤-20.6	PASS
11N40SISO	Ant1	2422	Reference	-2.41	-2.41	---	PASS
			30~1000	-2.41	-41.93	≤-22.41	PASS
			1000~26500	-2.41	-33.24	≤-22.41	PASS
		2437	Reference	-2.85	-2.85	---	PASS
			30~1000	-2.85	-41.06	≤-22.85	PASS
			1000~26500	-2.85	-32.79	≤-22.85	PASS
		2452	Reference	-2.68	-2.68	---	PASS
			30~1000	-2.68	-41.16	≤-22.68	PASS
			1000~26500	-2.68	-32.65	≤-22.68	PASS

1.1.5 Test Graphs

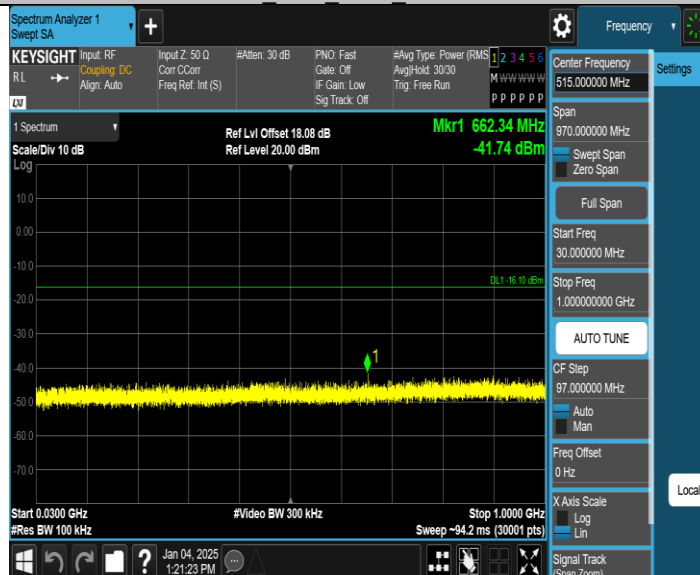




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



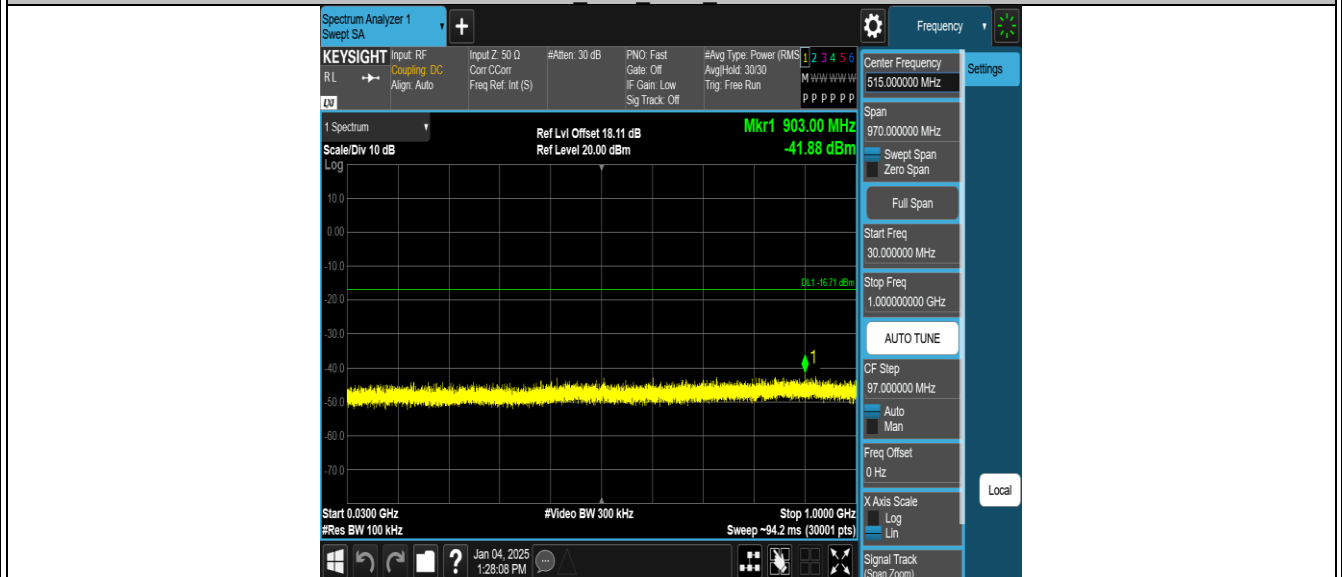
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



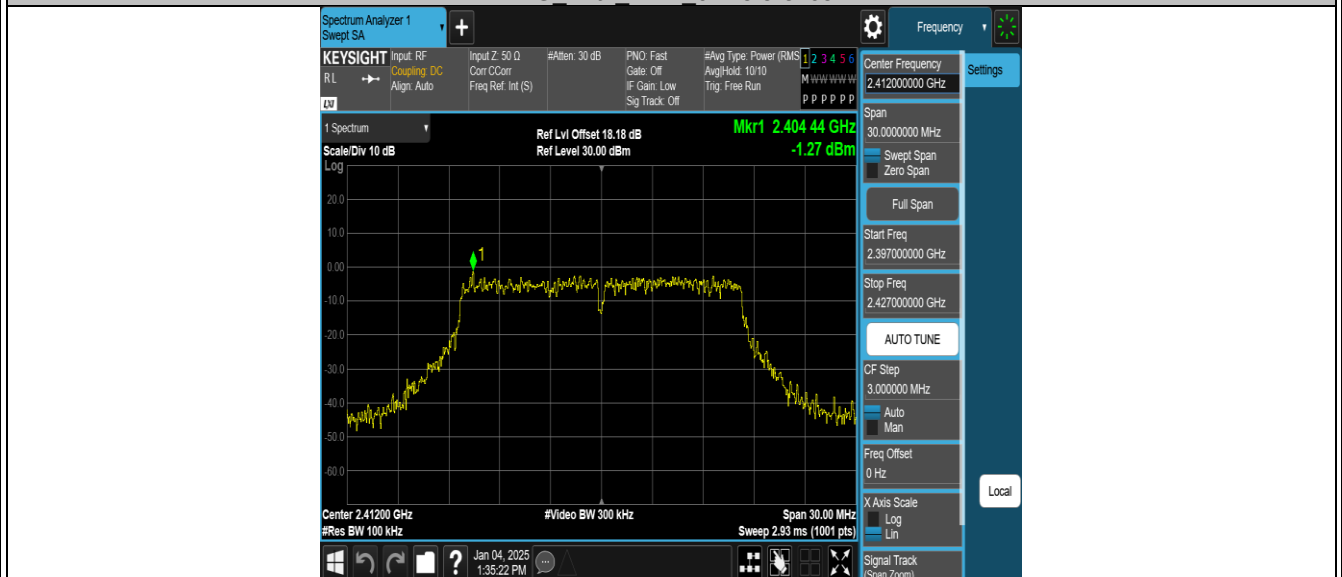
11B_Ant1_2462_30~1000



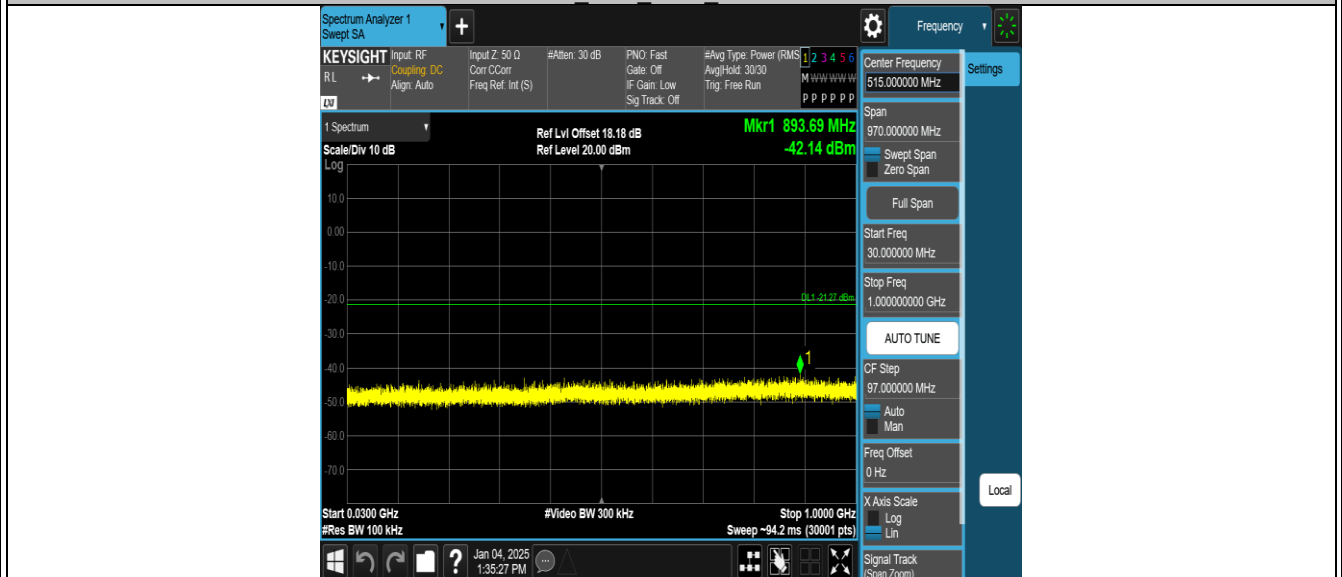
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0-Reference



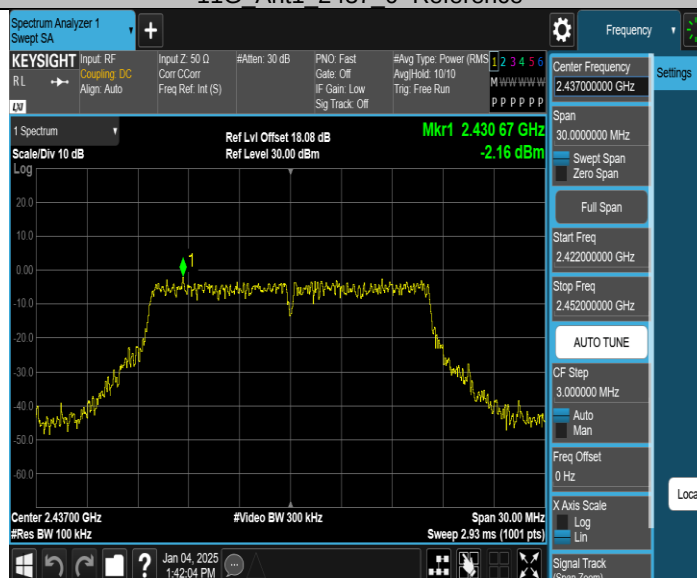
11G_Ant1_2412_30-1000



11G_Ant1_2412_1000-26500



11G_Ant1_2437_0-Reference

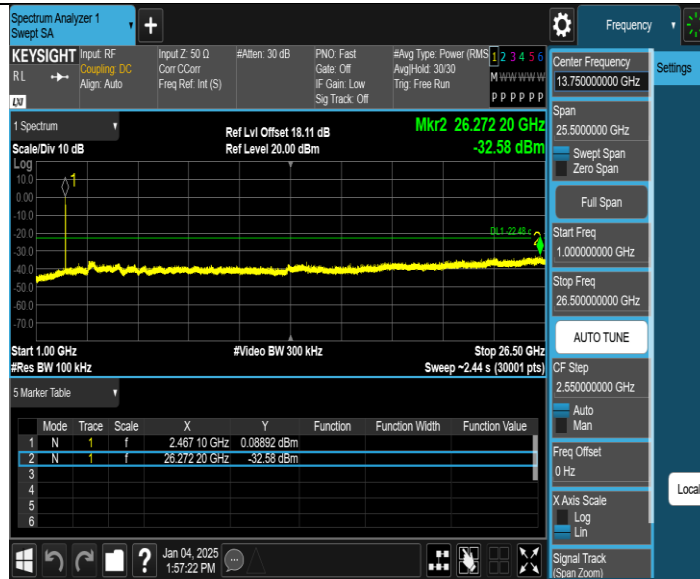


11G_Ant1_2437_30-1000

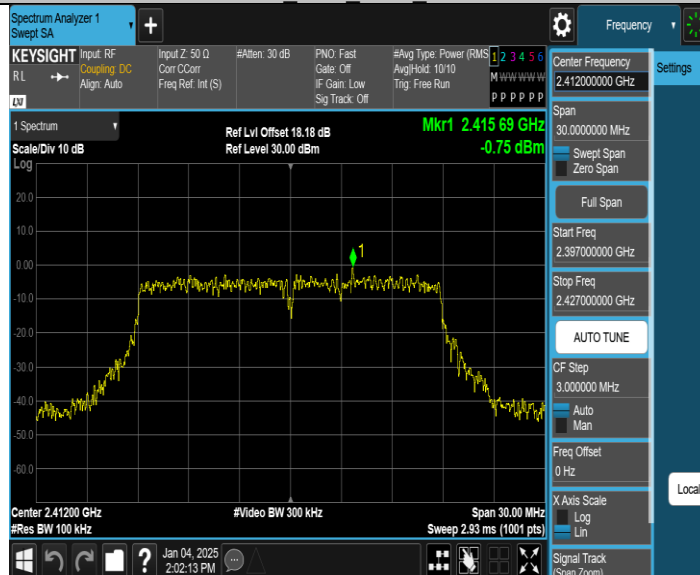


11G_Ant1_2437_1000-26500

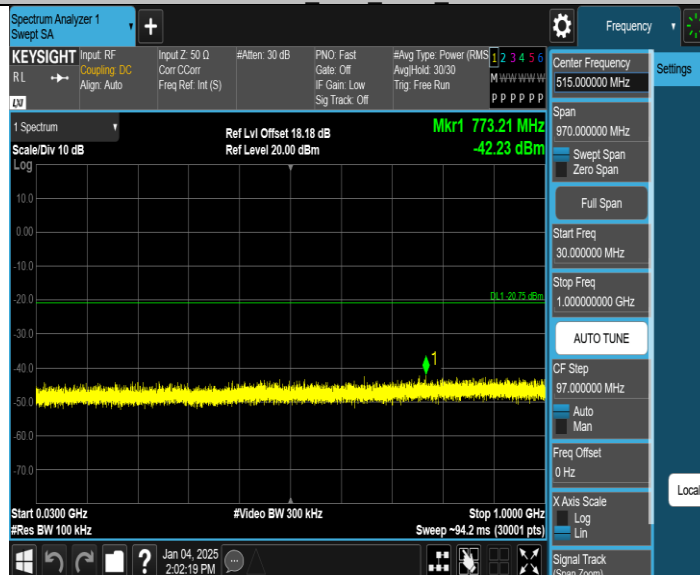




11N20SISO_Ant1_2412_0~Reference



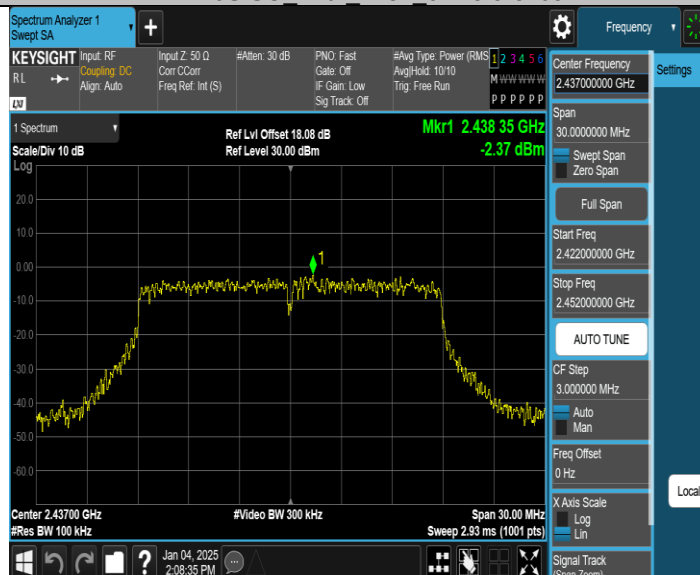
11N20SISO_Ant1_2412_30~1000



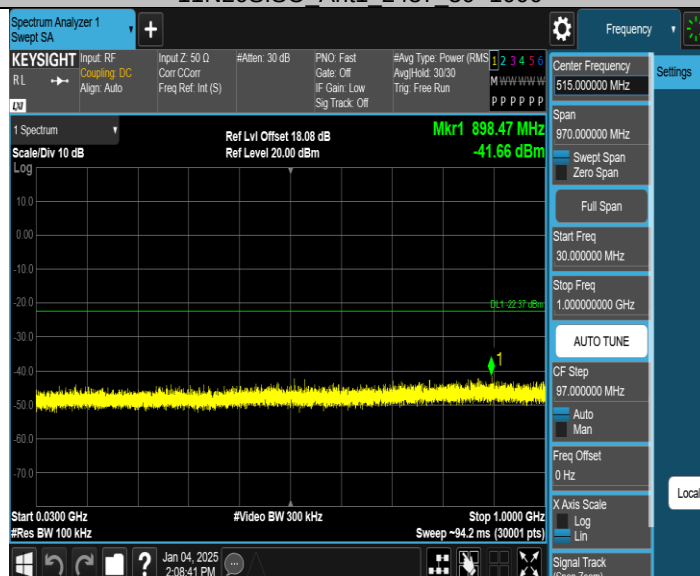
11N20SISO_Ant1_2412_1000~26500



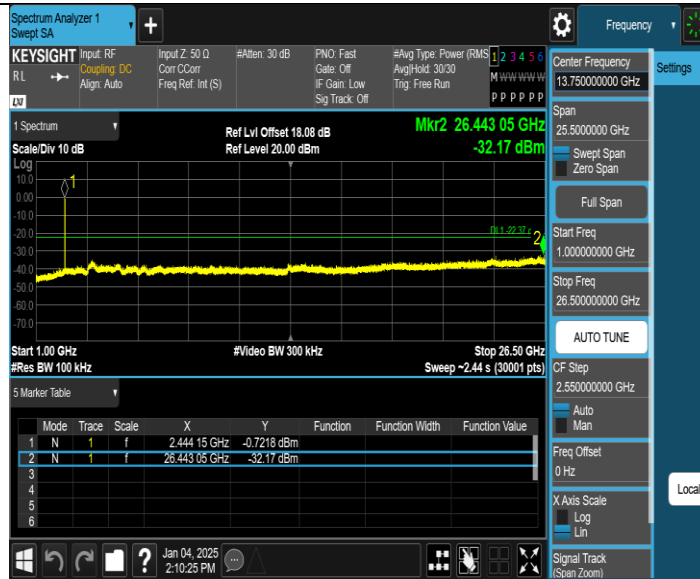
11N20SISO_Ant1_2437_0~Reference



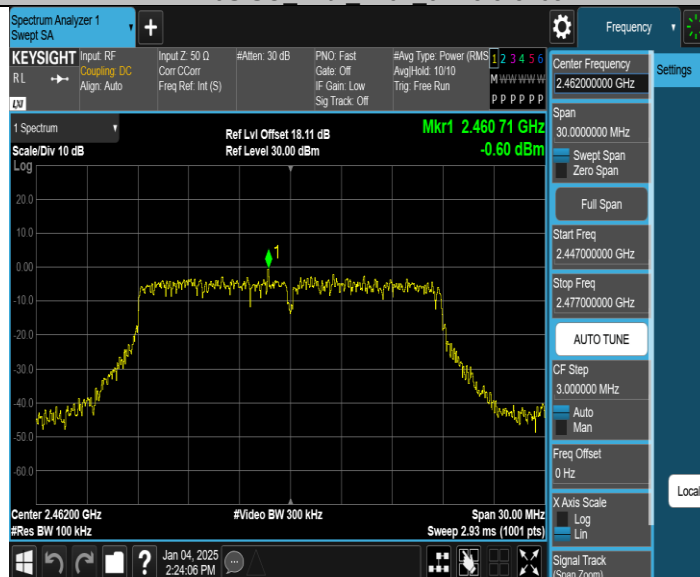
11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



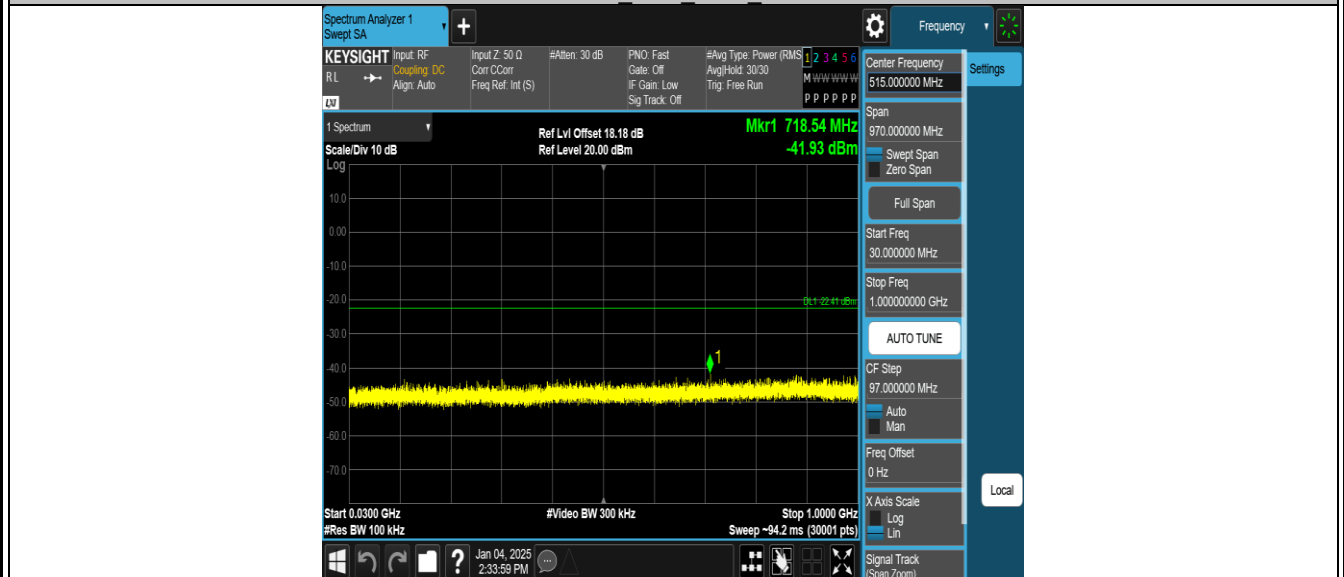
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



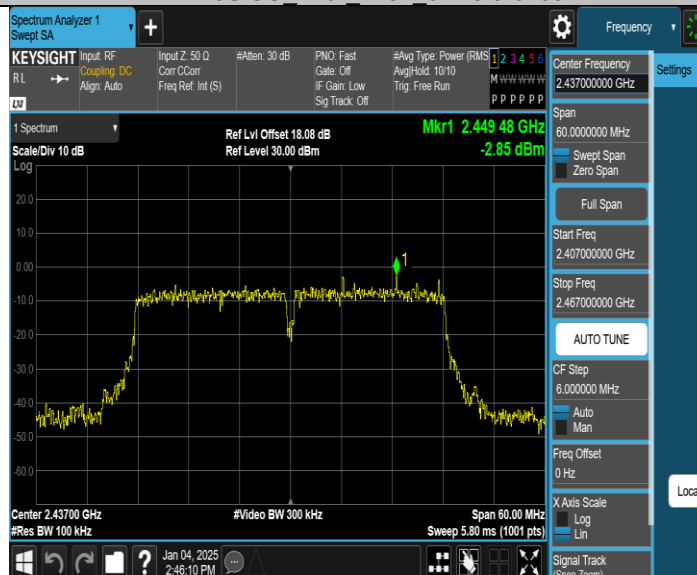
11N40SISO_Ant1_2422_30~1000



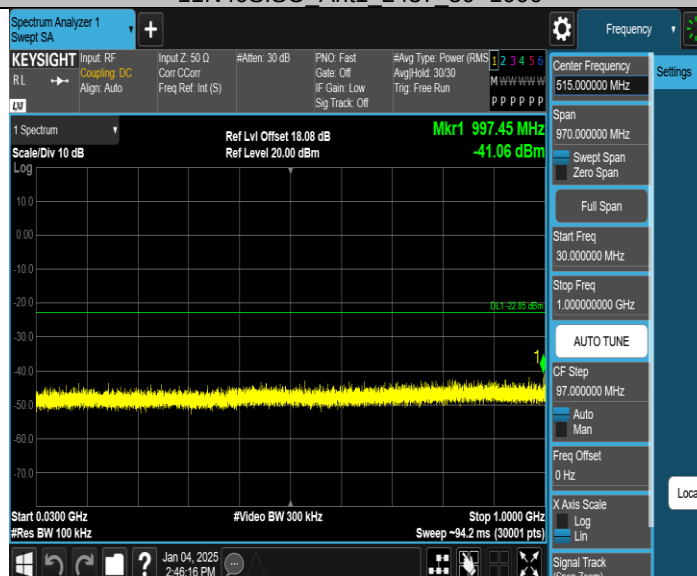
11N40SISO_Ant1_2422_1000~26500



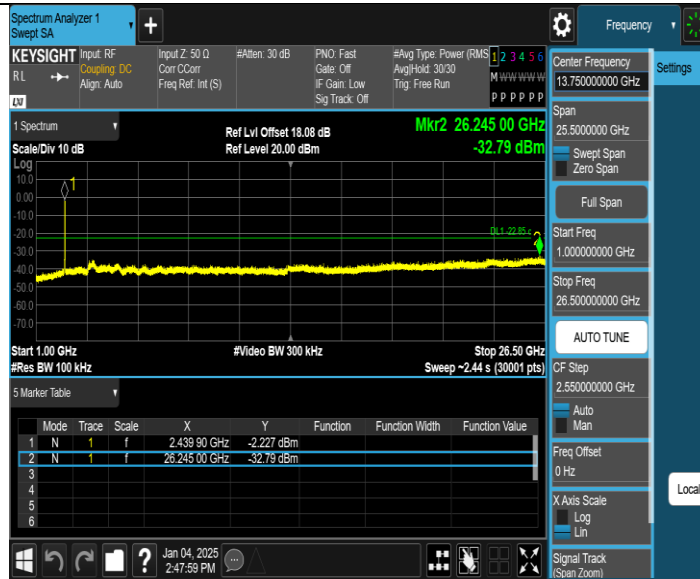
11N40SISO_Ant1_2437_0~Reference



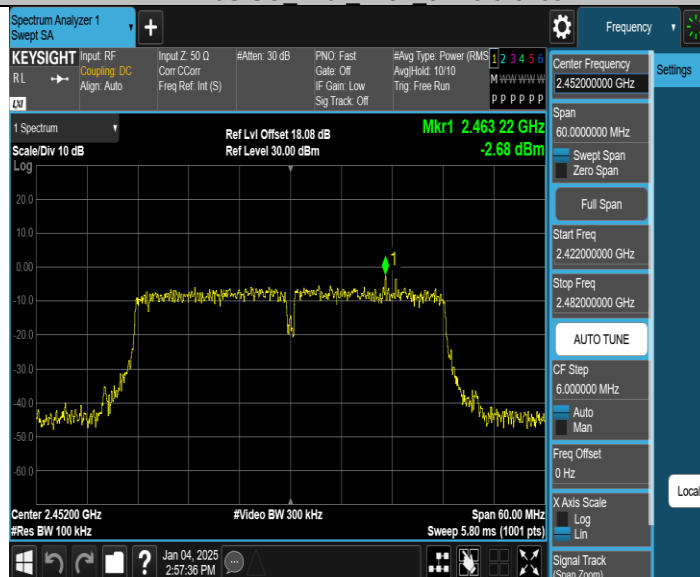
11N40SISO_Ant1_2437_30~1000



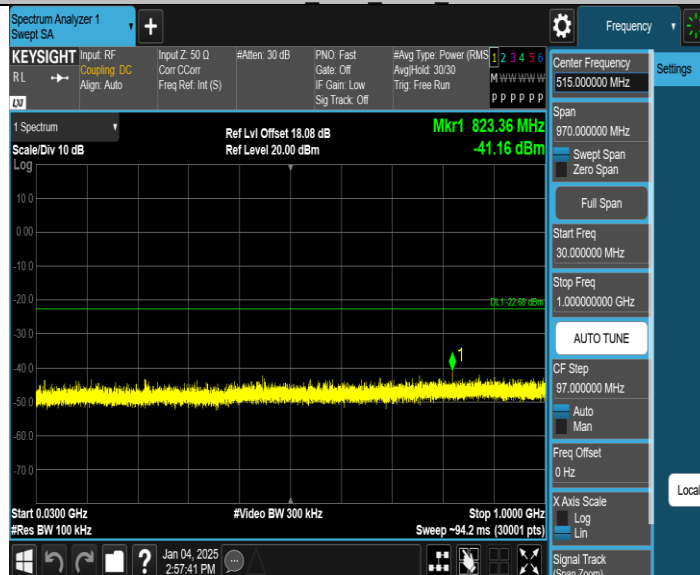
11N40SISO_Ant1_2437_1000~26500



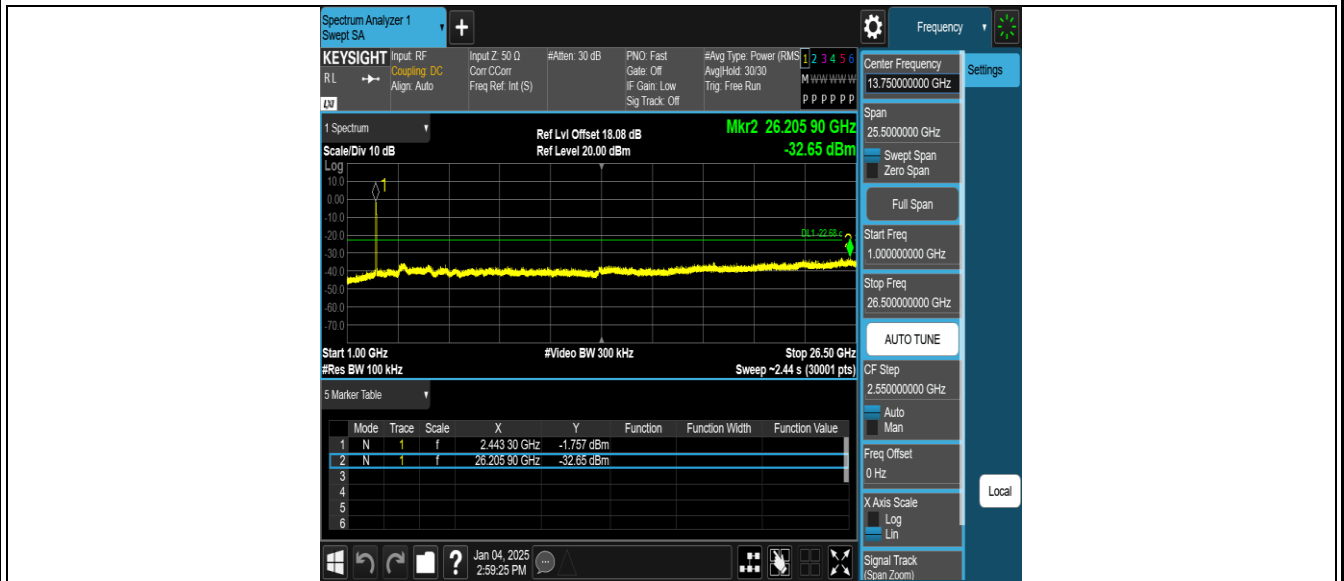
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

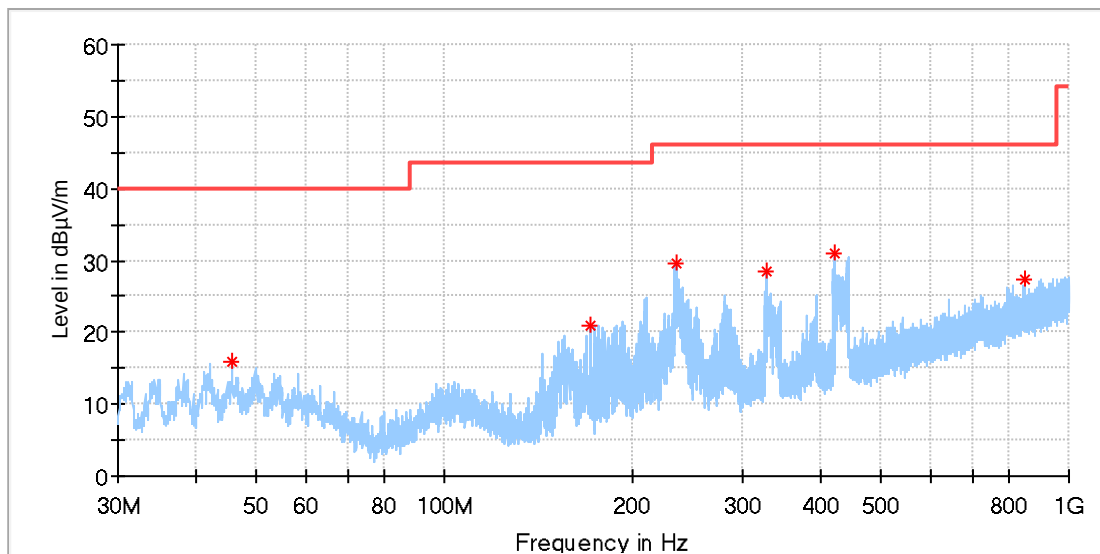
Note:

- 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:	RRA0TCP
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

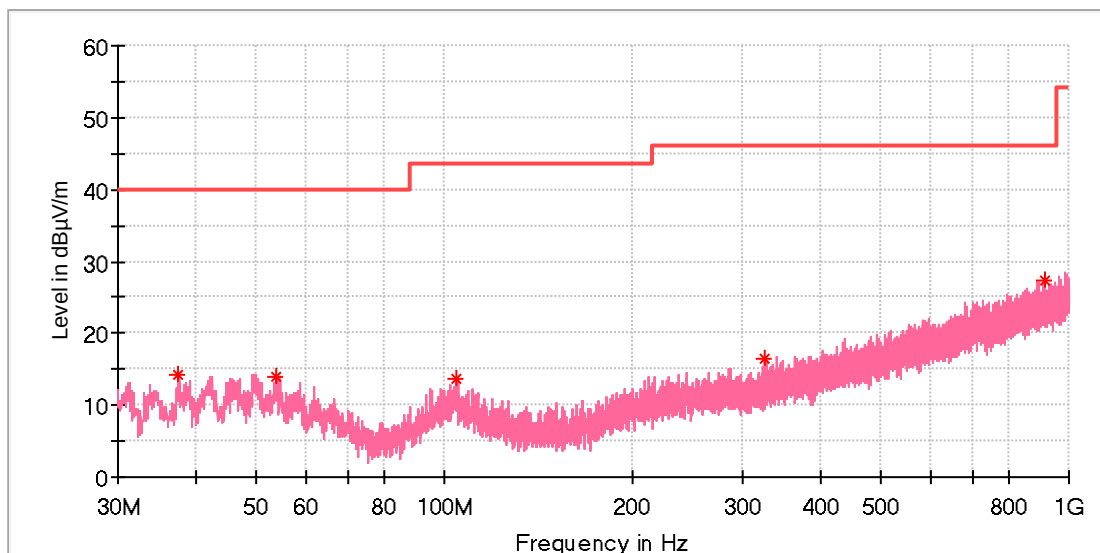
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.669231	16.02	40.00	23.98	100.0	H	82.0	-18.8
171.321539	21.02	43.50	22.48	100.0	H	21.0	-21.3
234.595385	29.68	46.00	16.32	100.0	H	48.0	-18.0
327.901923	28.44	46.00	17.56	100.0	H	48.0	-15.4
421.842692	30.84	46.00	15.16	100.0	H	39.0	-13.2
850.545385	27.26	46.00	18.74	100.0	H	21.0	-5.4

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: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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)
37.573462	14.15	40.00	25.85	100.0	V	148.0	-21.0
53.653077	14.04	40.00	25.96	100.0	V	106.0	-18.5
104.727308	13.76	43.50	29.74	100.0	V	270.0	-18.9
324.506923	16.45	46.00	29.55	100.0	V	187.0	-15.5
918.482692	27.30	46.00	18.70	100.0	V	89.0	-4.6

Final Result

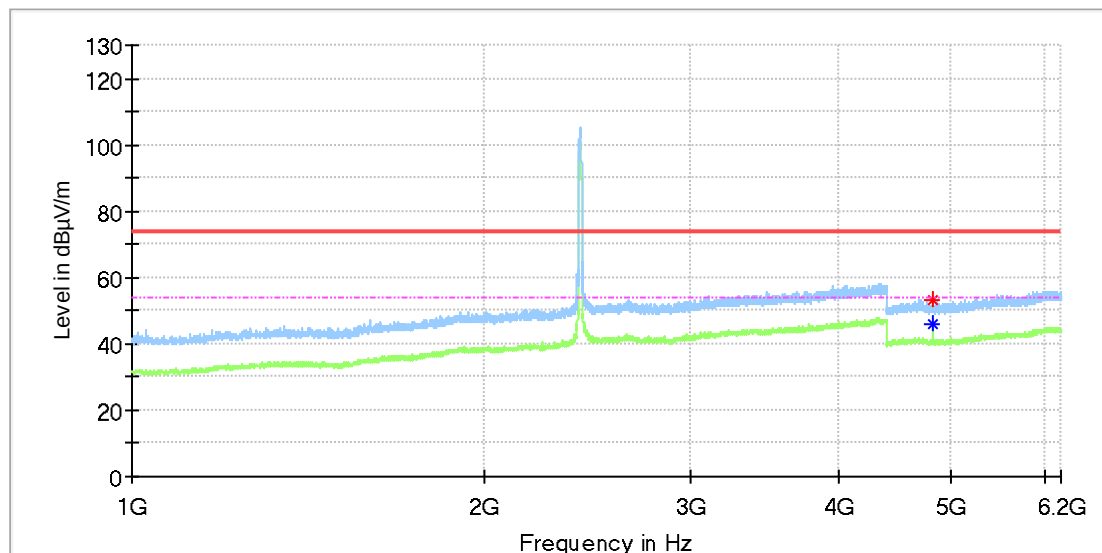
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRA0TCP
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

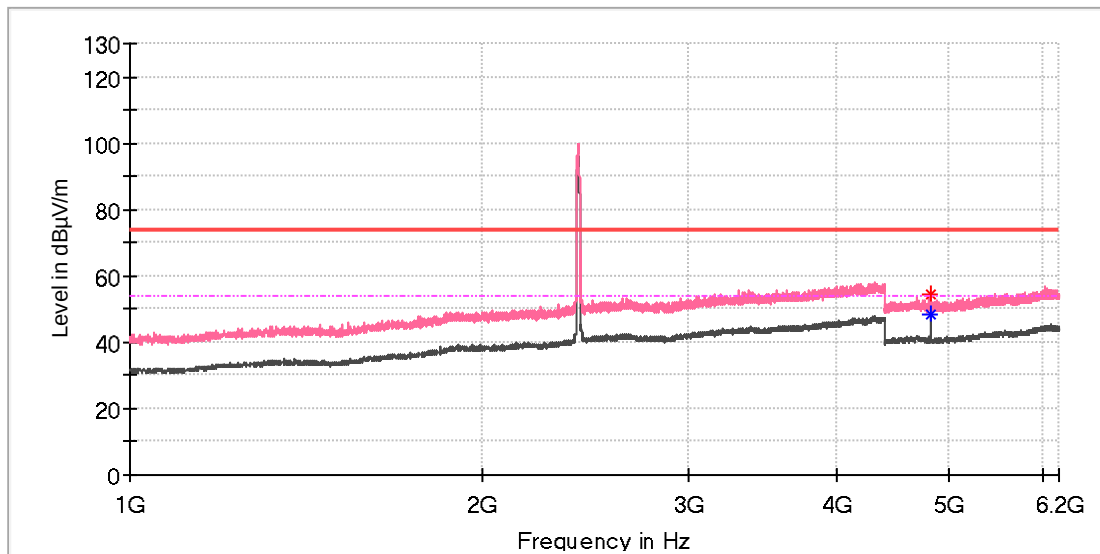
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	53.27	---	74.00	20.73	150.0	H	44.0	13.3
4824.000000	---	45.89	54.00	8.11	150.0	H	44.0	13.3

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

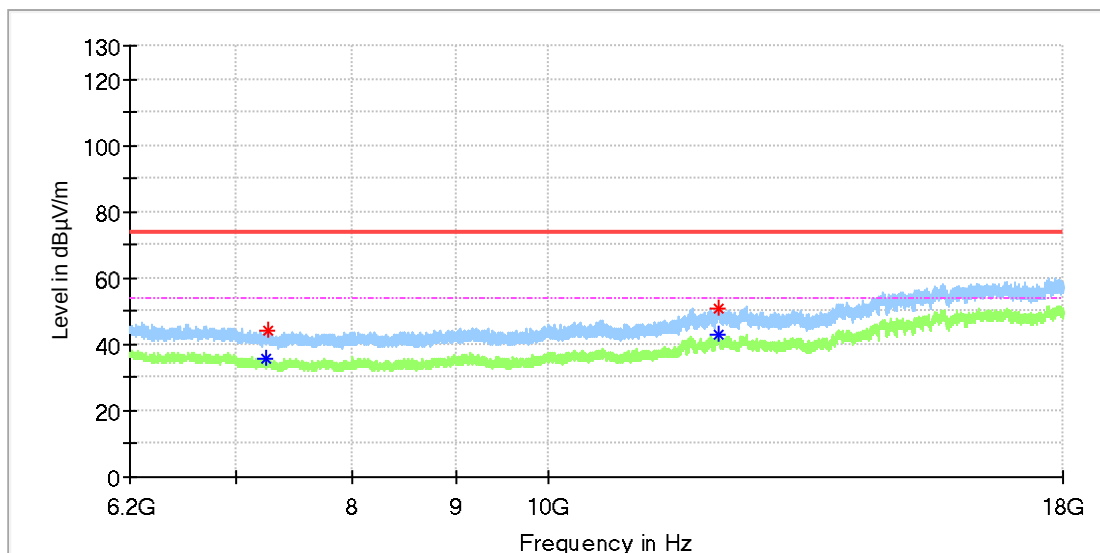
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.500000	54.14	---	74.00	19.86	150.0	V	28.0	13.3
4824.000000	---	48.58	54.00	5.42	150.0	V	33.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

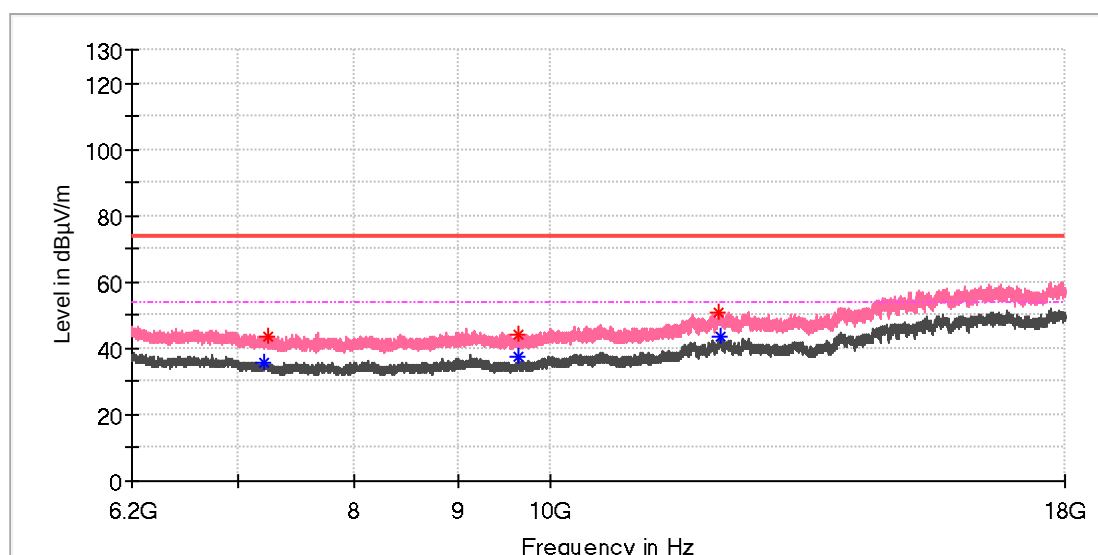
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7250.691667	---	35.70	54.00	18.30	150.0	H	276.0	8.5
7263.966667	44.21	---	74.00	29.79	150.0	H	157.0	8.5
12149.166667	50.95	---	74.00	23.05	150.0	H	0.0	16.7
12151.133333	---	43.00	54.00	11.00	150.0	H	308.0	16.7

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

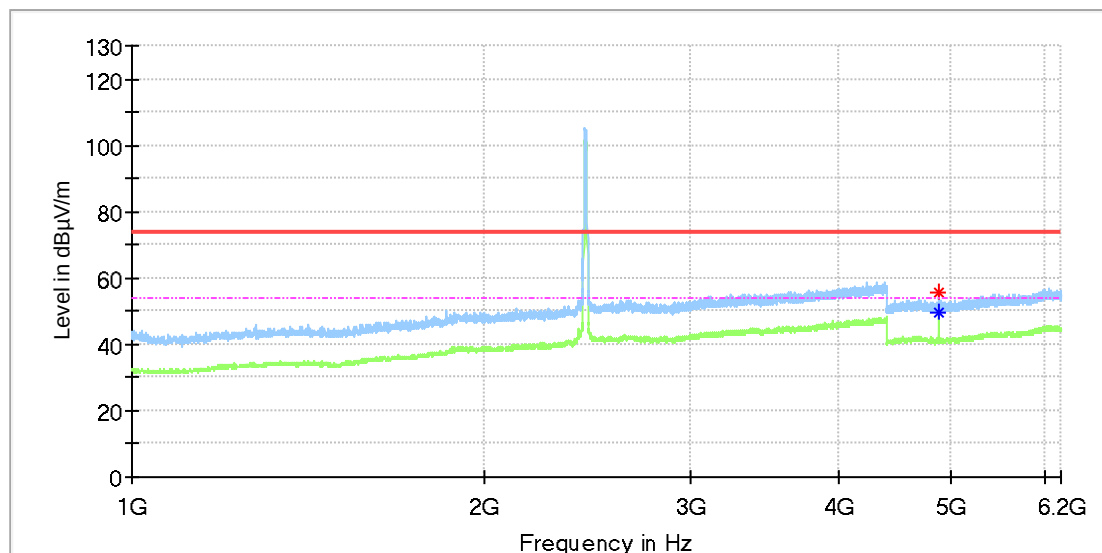
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	---	35.68	54.00	18.32	150.0	V	1.0	8.7
7236.433333	43.66	---	74.00	30.34	150.0	V	42.0	8.6
9648.058333	---	37.70	54.00	16.30	150.0	V	162.0	10.4
9649.533333	44.08	---	74.00	29.92	150.0	V	150.0	10.4
12128.516667	51.07	---	74.00	22.93	150.0	V	9.0	16.2
12147.691667	---	43.59	54.00	10.41	150.0	V	220.0	16.7

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

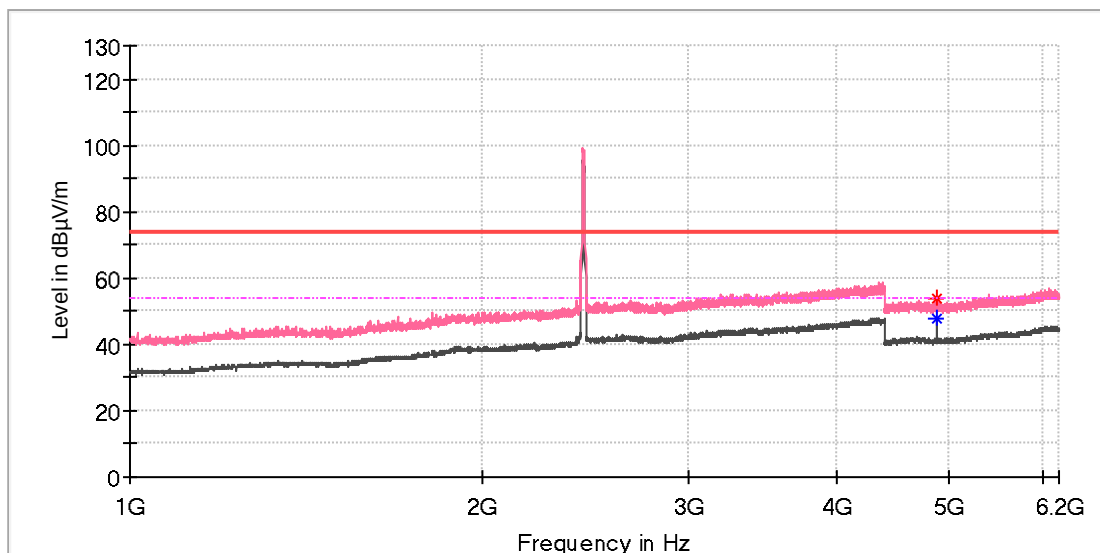
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	55.48	---	74.00	18.52	150.0	H	30.0	13.3
4874.000000	---	49.73	54.00	4.27	150.0	H	30.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

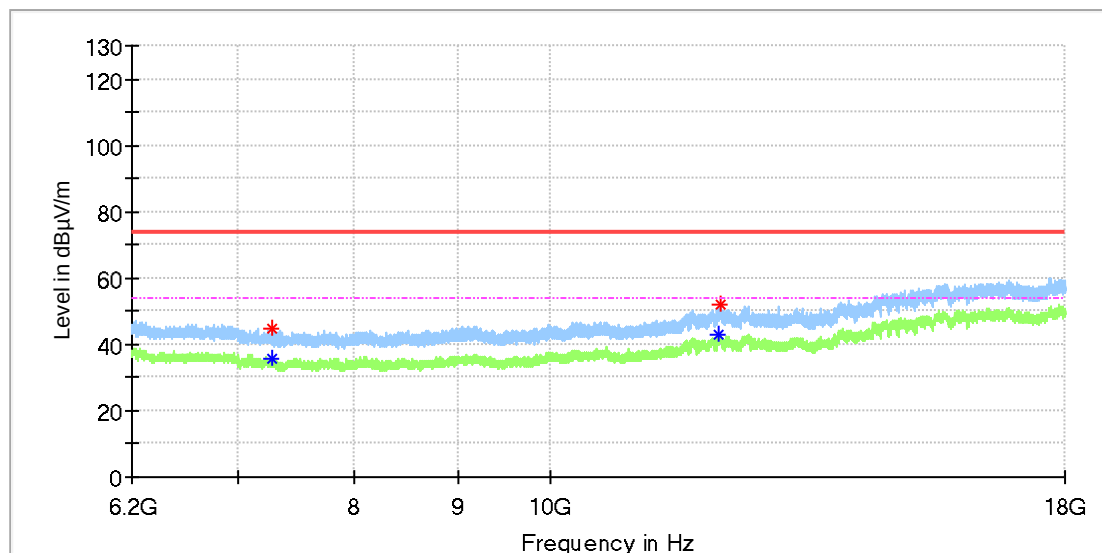
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	54.01	---	74.00	19.99	150.0	V	314.0	13.3
4874.000000	---	47.77	54.00	6.23	150.0	V	314.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

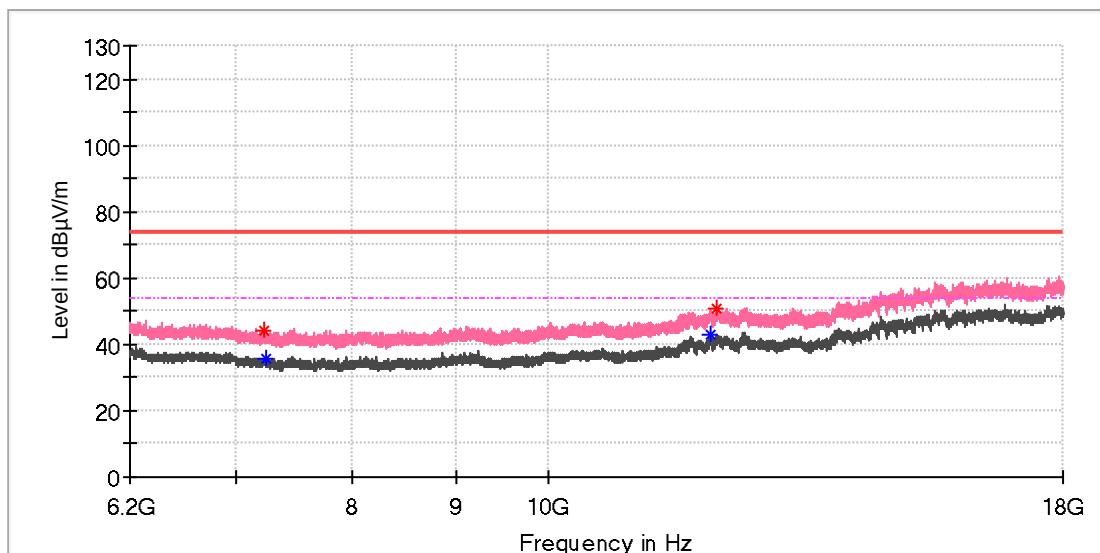
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7283.633333	---	35.61	54.00	18.39	150.0	H	277.0	8.4
7284.616667	44.48	---	74.00	29.52	150.0	H	146.0	8.4
12115.241667	---	42.91	54.00	11.09	150.0	H	28.0	15.8
12148.183333	52.18	---	74.00	21.82	150.0	H	193.0	16.7

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

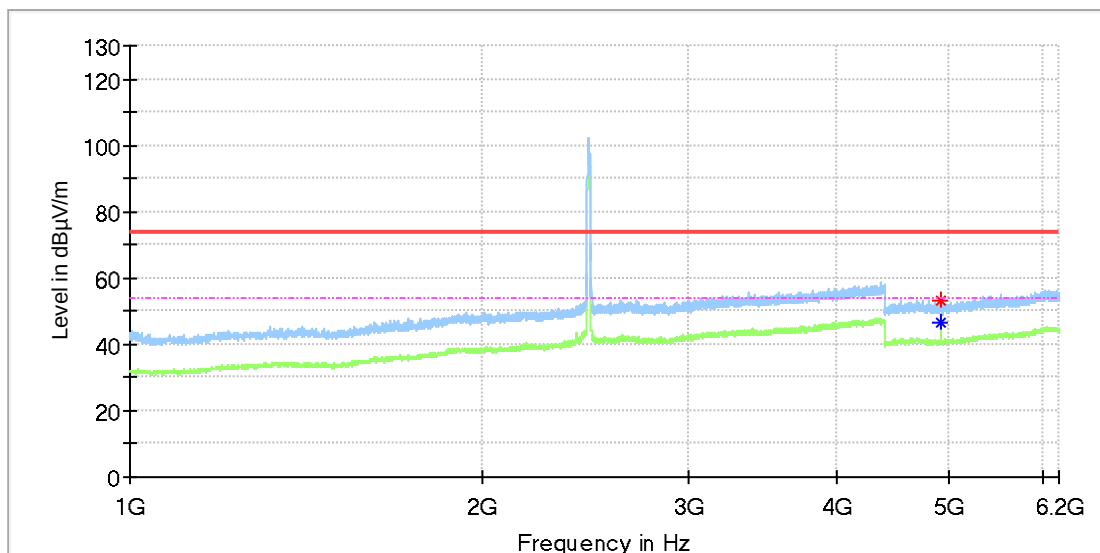
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.008333	44.27	---	74.00	29.73	150.0	V	53.0	8.6
7250.200000	---	35.93	54.00	18.07	150.0	V	241.0	8.5
12035.100000	---	43.02	54.00	10.98	150.0	V	2.0	16.1
12128.516667	51.06	---	74.00	22.94	150.0	V	341.0	16.2

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

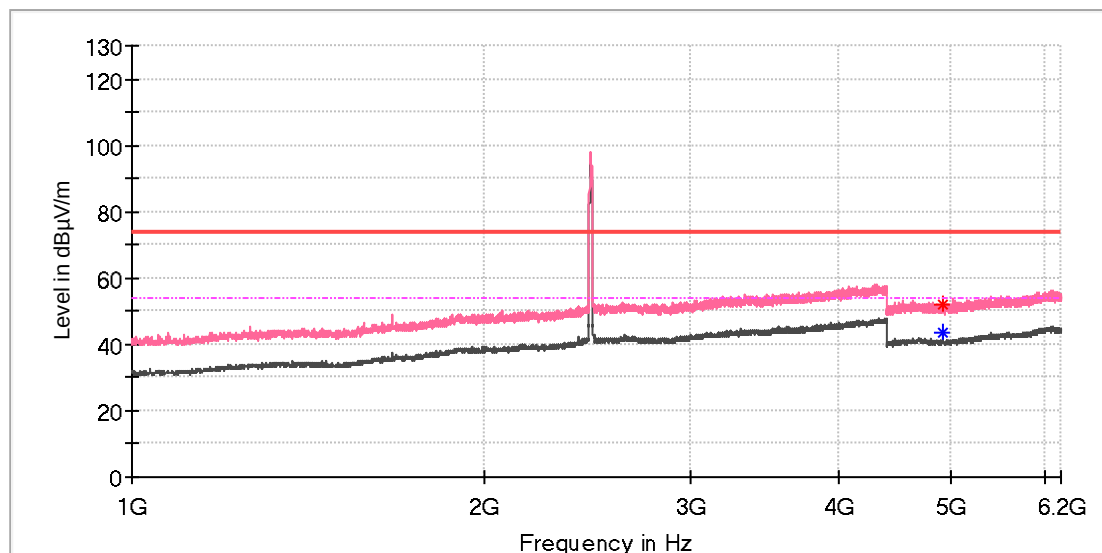
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	53.29	---	74.00	20.71	150.0	H	30.0	13.3
4924.000000	---	46.76	54.00	7.24	150.0	H	30.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

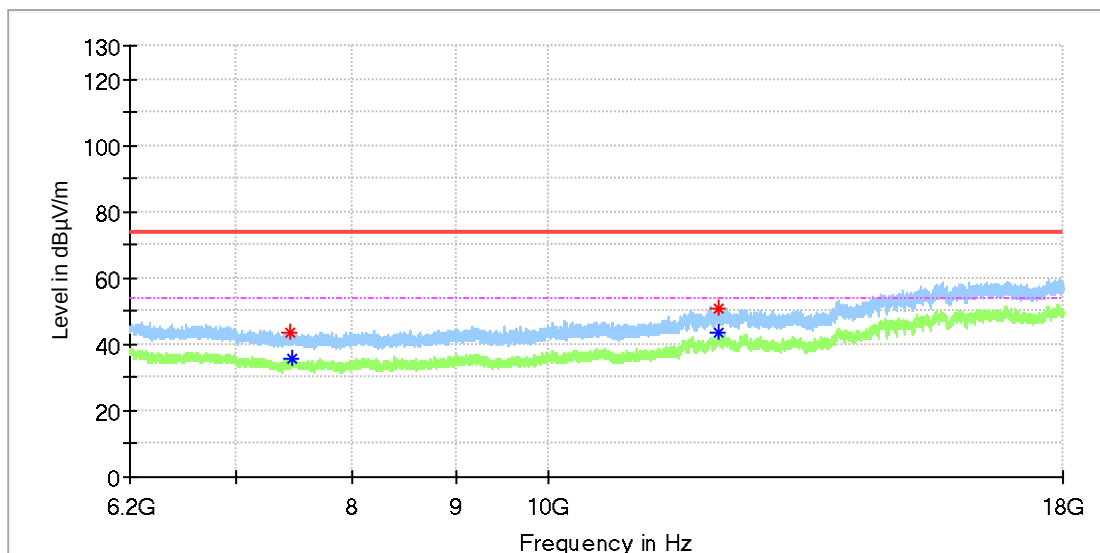
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	43.79	54.00	10.21	150.0	V	263.0	13.3
4924.500000	52.02	---	74.00	21.98	150.0	V	0.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

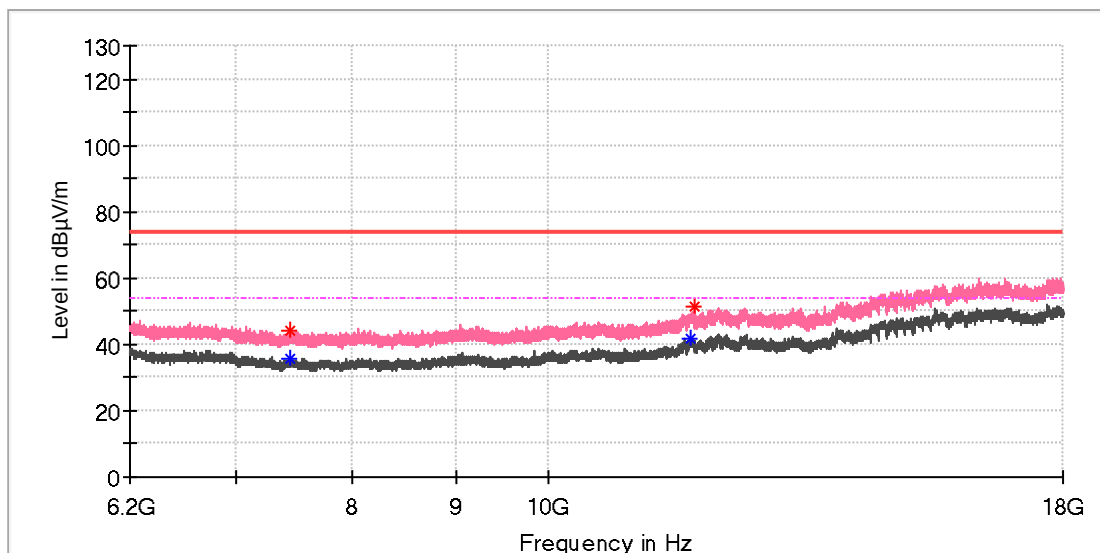
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7442.933333	43.46	---	74.00	30.54	150.0	H	273.0	8.5
7459.650000	---	35.46	54.00	18.54	150.0	H	328.0	8.5
12134.908333	---	43.38	54.00	10.62	150.0	H	114.0	16.3
12145.725000	51.03	---	74.00	22.97	150.0	H	339.0	16.6

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

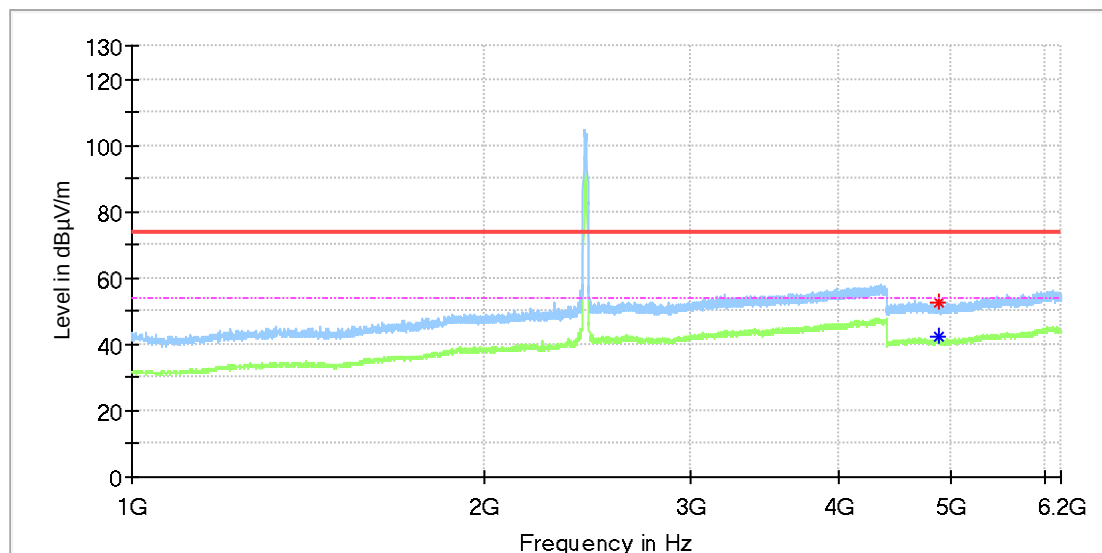
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7437.033333	---	35.38	54.00	18.62	150.0	V	156.0	8.4
7442.933333	44.32	---	74.00	29.68	150.0	V	167.0	8.5
11756.325000	---	41.97	54.00	12.03	150.0	V	20.0	15.4
11804.508333	51.24	---	74.00	22.76	150.0	V	20.0	14.7

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

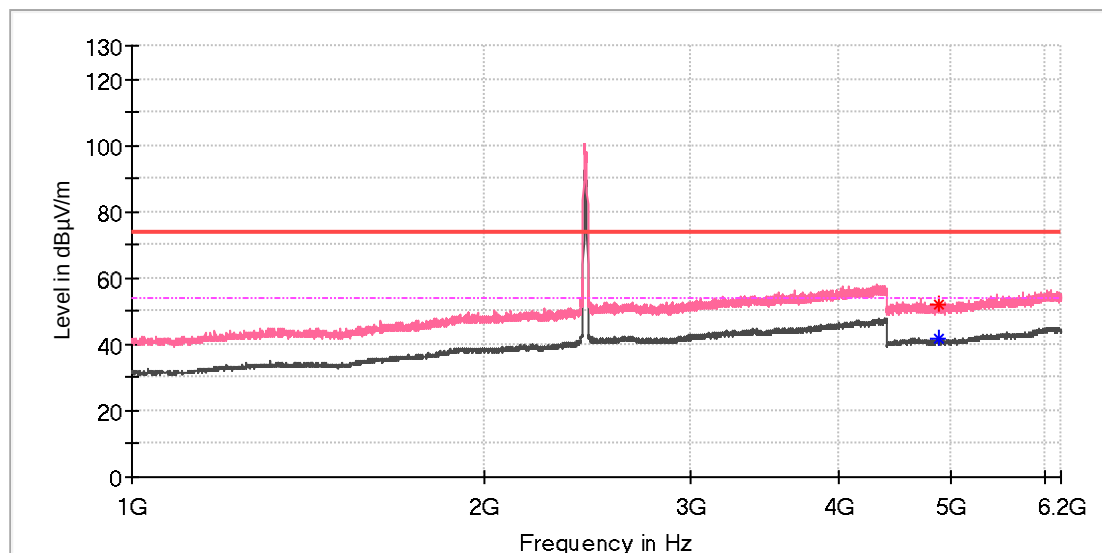
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4878.500000	---	42.26	54.00	11.74	150.0	H	29.0	13.3
4882.000000	52.81	---	74.00	21.19	150.0	H	29.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

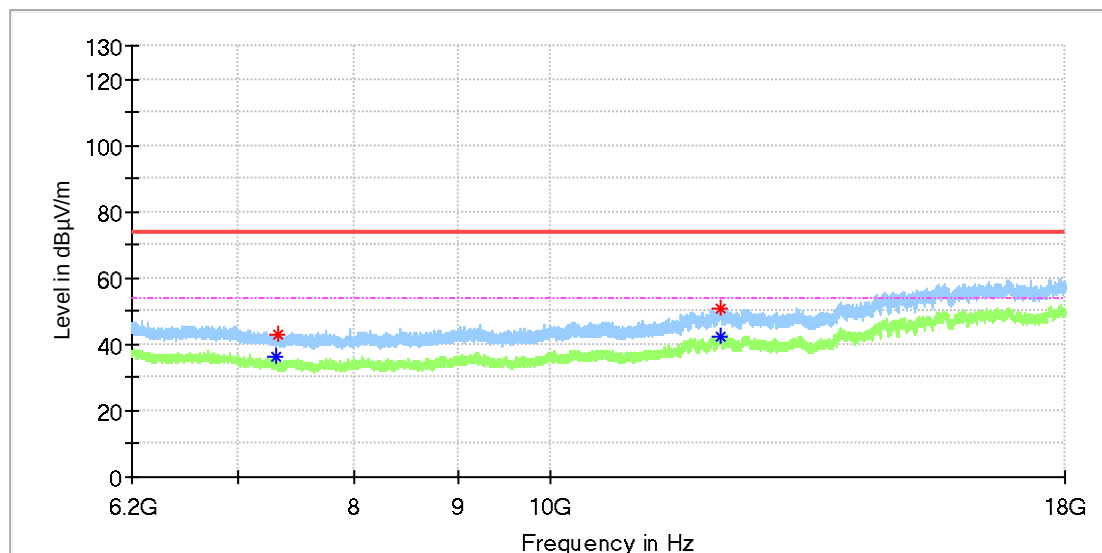
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	51.97	---	74.00	22.03	150.0	V	43.0	13.3
4873.000000	---	41.82	54.00	12.18	150.0	V	155.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

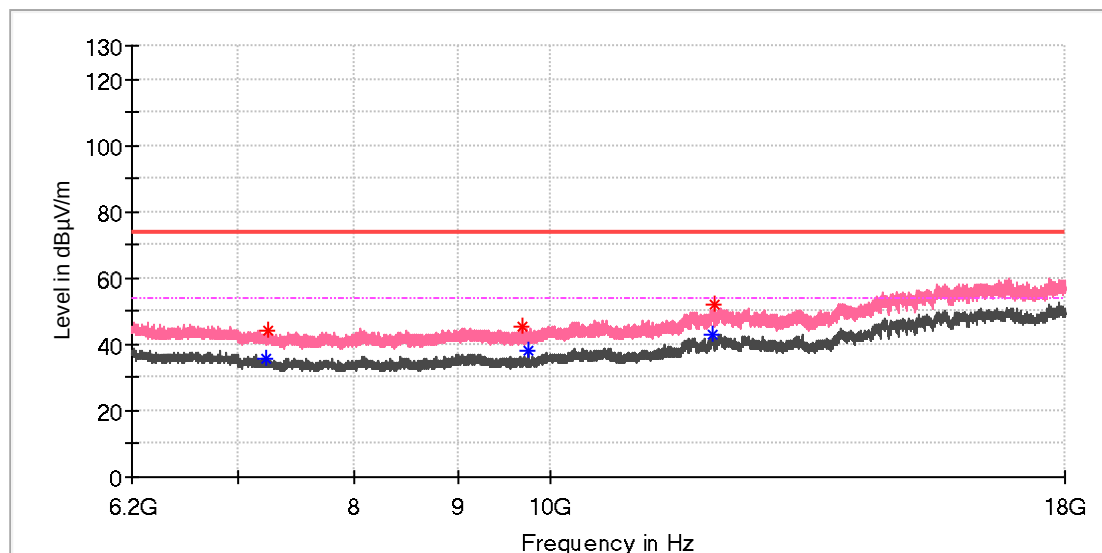
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7317.066667	---	36.00	54.00	18.00	150.0	H	335.0	8.2
7333.783333	42.95	---	74.00	31.05	150.0	H	0.0	8.1
12145.233333	50.57	---	74.00	23.43	150.0	H	123.0	16.6
12157.033333	---	42.57	54.00	11.43	150.0	H	247.0	16.4

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

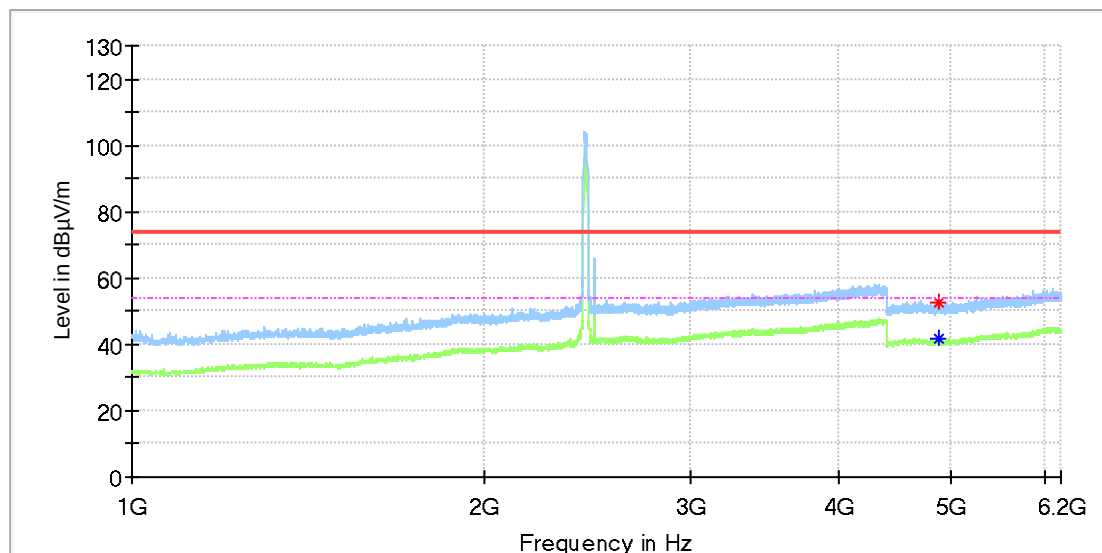
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7231.516667	---	35.89	54.00	18.11	150.0	V	39.0	8.6
7235.450000	44.07	---	74.00	29.93	150.0	V	0.0	8.6
9693.291667	45.44	---	74.00	28.56	150.0	V	114.0	10.4
9748.358333	---	37.96	54.00	16.04	150.0	V	203.0	10.4
12038.050000	---	42.73	54.00	11.27	150.0	V	103.0	16.1
12049.850000	51.89	---	74.00	22.11	150.0	V	49.0	16.4

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

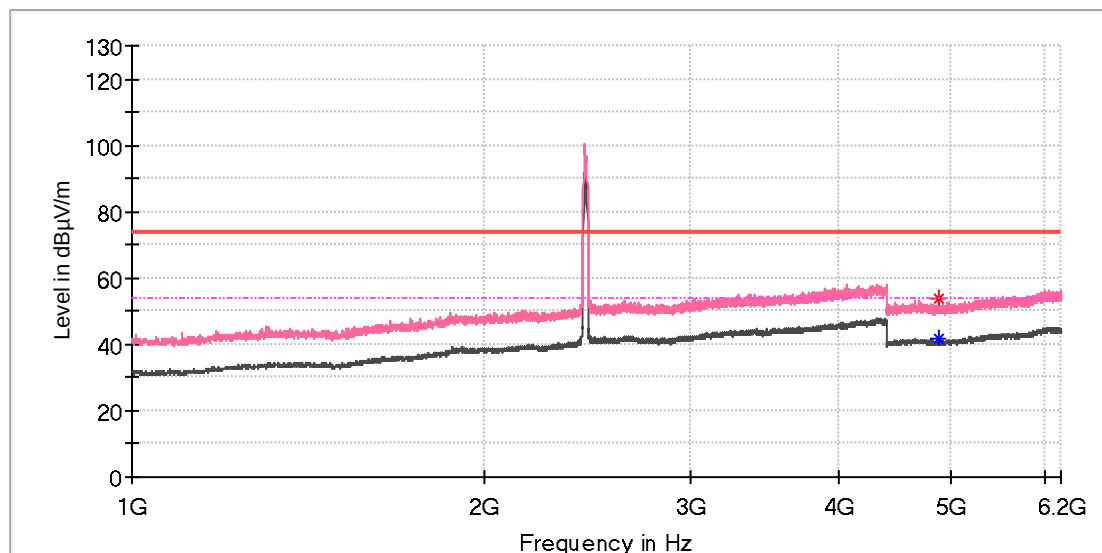
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	---	41.98	54.00	12.02	150.0	H	25.0	13.3
4876.000000	52.69	---	74.00	21.31	150.0	H	132.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

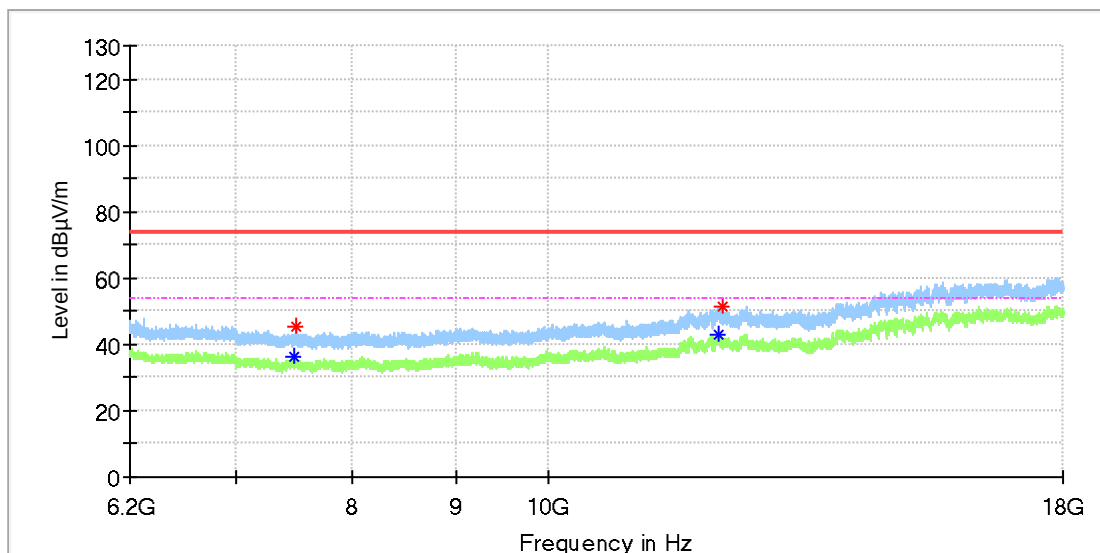
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	53.62	---	74.00	20.38	150.0	V	316.0	13.3
4877.500000	---	41.58	54.00	12.42	150.0	V	58.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

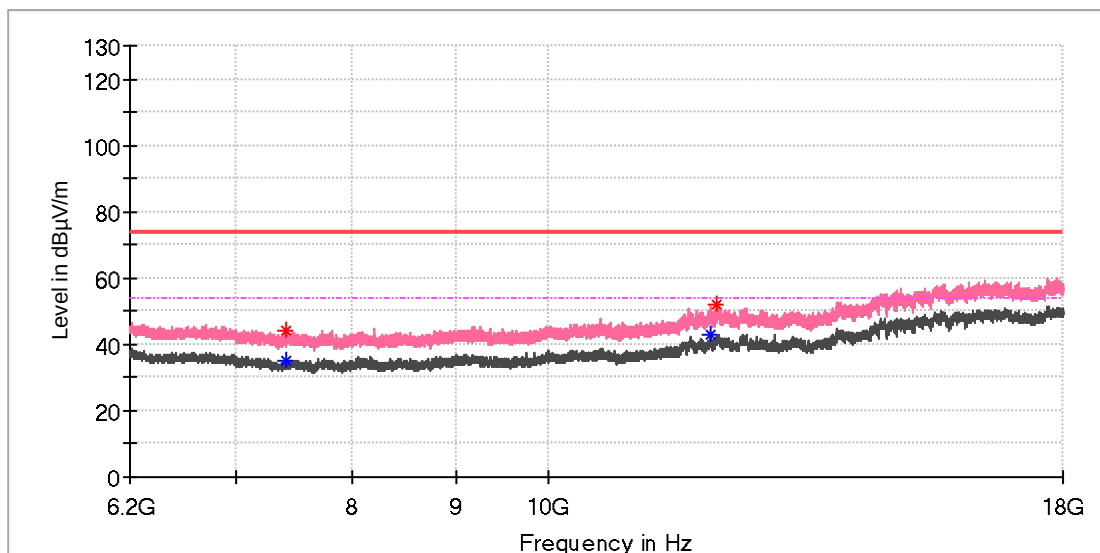
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7478.333333	---	35.99	54.00	18.01	150.0	H	277.0	8.7
7494.066667	45.10	---	74.00	28.90	150.0	H	356.0	8.7
12140.316667	---	42.74	54.00	11.26	150.0	H	356.0	16.5
12196.858333	51.23	---	74.00	22.77	150.0	H	124.0	15.3

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

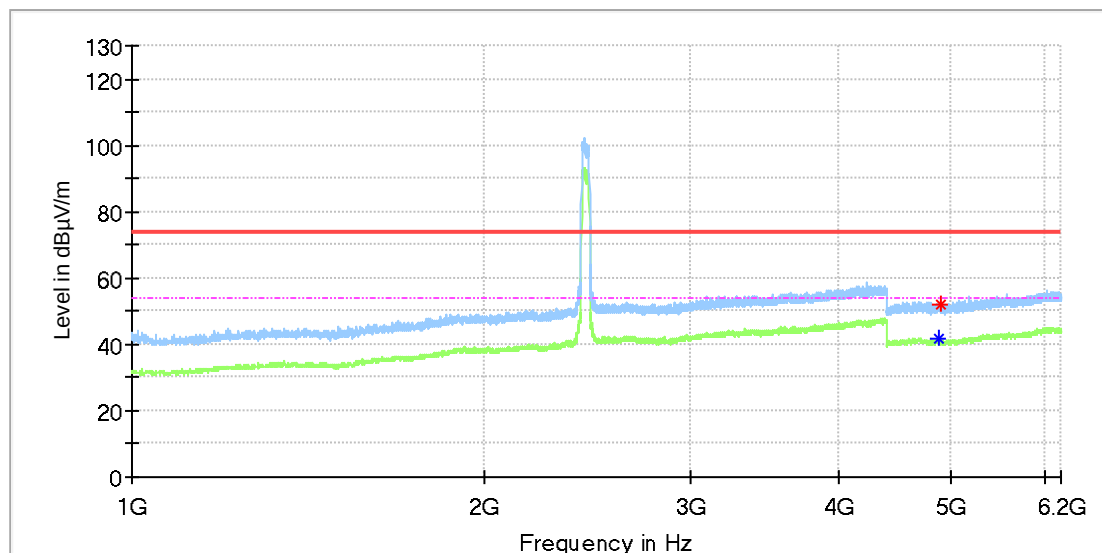
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7402.616667	44.24	---	74.00	29.76	150.0	V	0.0	8.3
7402.616667	---	35.35	54.00	18.65	150.0	V	0.0	8.3
12042.475000	---	43.05	54.00	10.95	150.0	V	10.0	16.2
12129.991667	51.74	---	74.00	22.26	150.0	V	10.0	16.2

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

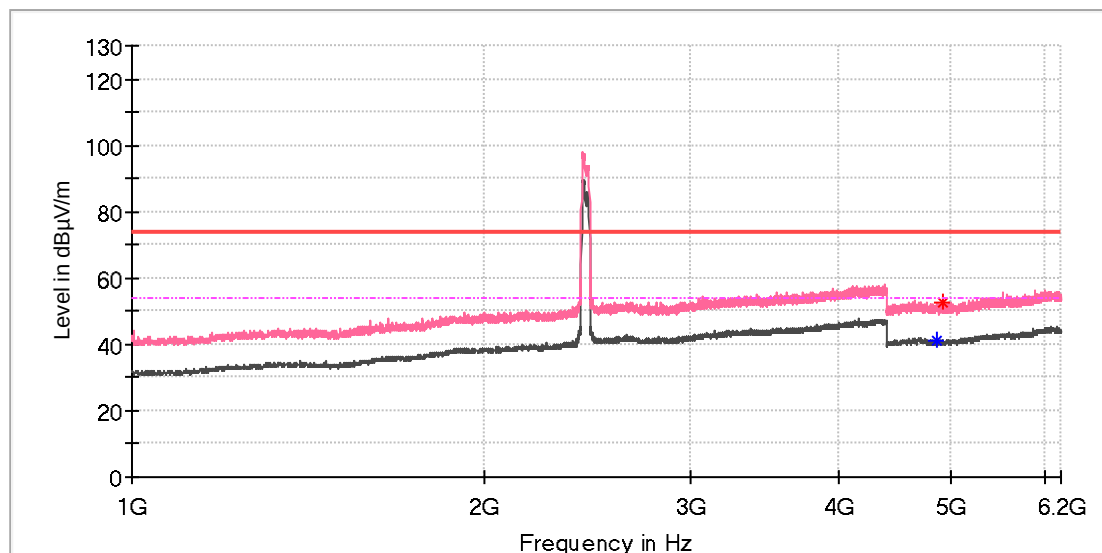
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4881.500000	---	41.72	54.00	12.28	150.0	H	0.0	13.3
4889.500000	52.29	---	74.00	21.71	150.0	H	19.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

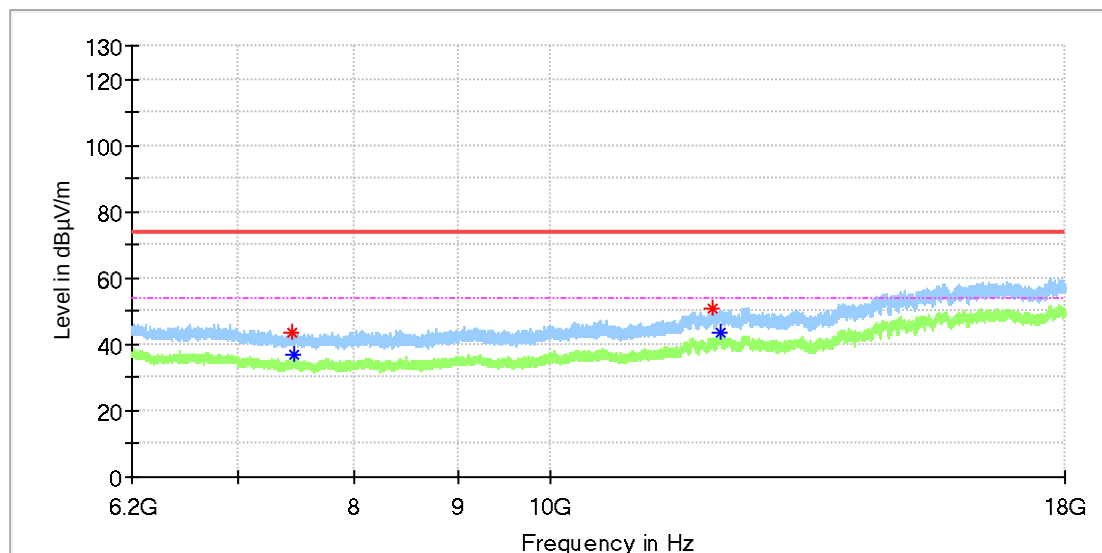
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.000000	---	41.35	54.00	12.65	150.0	V	53.0	13.3
4915.000000	52.31	---	74.00	21.69	150.0	V	72.0	13.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

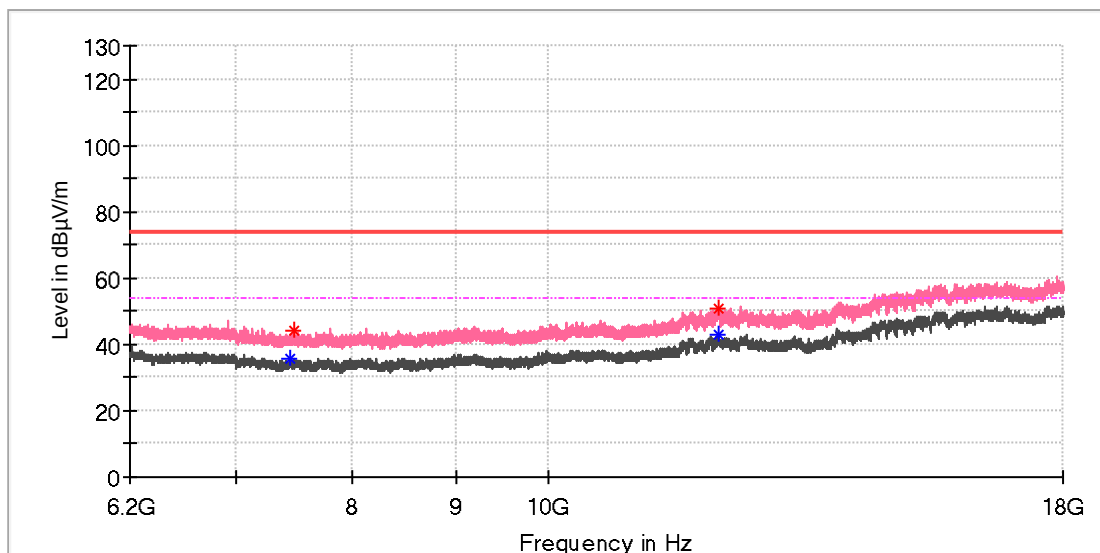
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7445.391667	43.60	---	74.00	30.40	150.0	H	48.0	8.5
7468.991667	---	36.60	54.00	17.40	150.0	H	0.0	8.6
12044.933333	51.05	---	74.00	22.95	150.0	H	261.0	16.3
12155.066667	---	43.24	54.00	10.76	150.0	H	217.0	16.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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)
7448.341667	---	35.39	54.00	18.61	150.0	V	165.0	8.5
7475.383333	44.17	---	74.00	29.83	150.0	V	19.0	8.6
12134.416667	---	43.17	54.00	10.83	150.0	V	121.0	16.3
12159.491667	50.78	---	74.00	23.22	150.0	V	317.0	16.2

Final Result

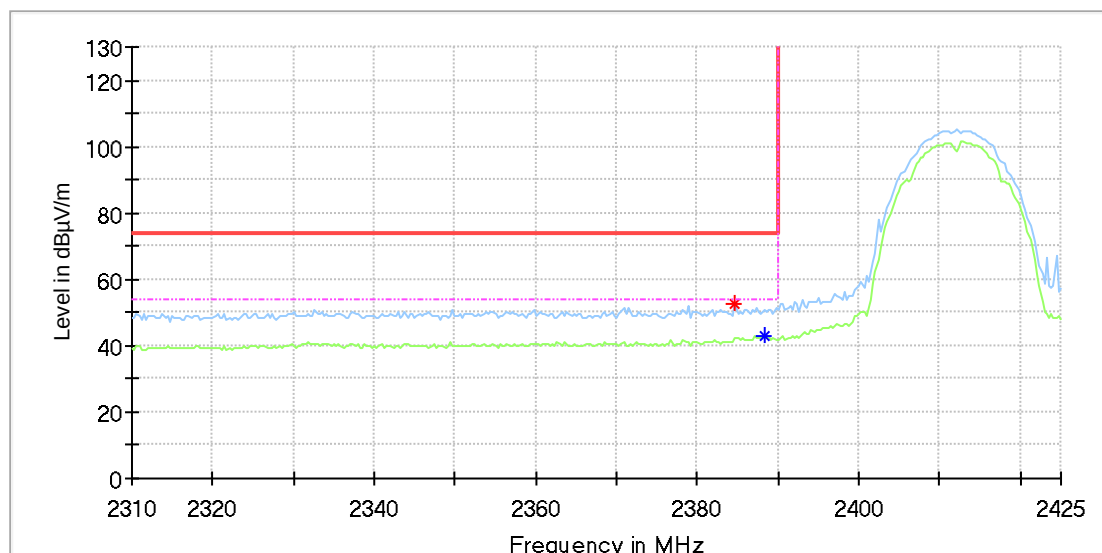
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRA0TCP
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

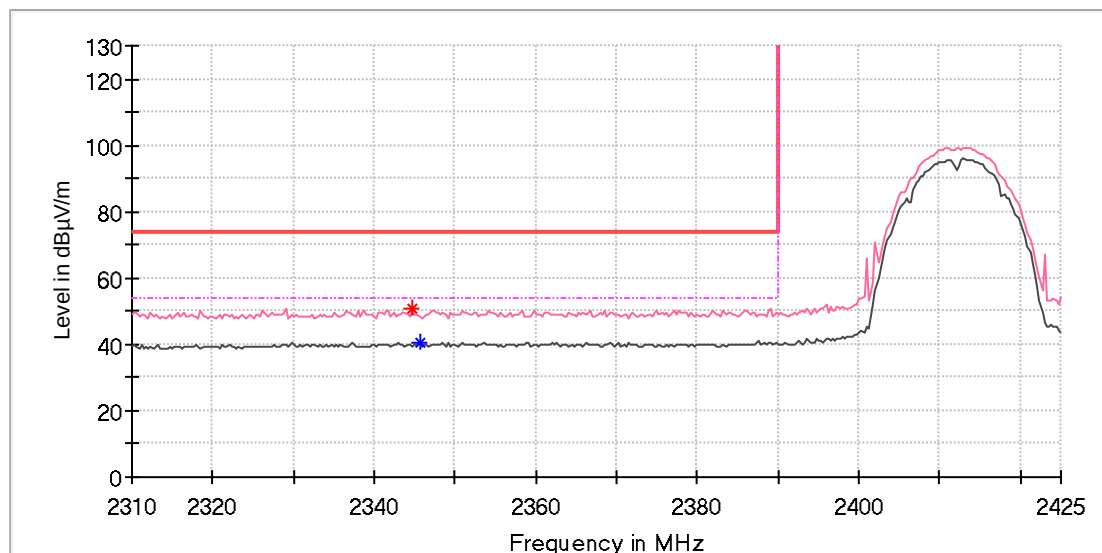
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2384.705882	52.68	---	74.00	21.32	150.0	H	183.0	8.5
2388.235294	---	42.96	54.00	11.04	150.0	H	155.0	8.5

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

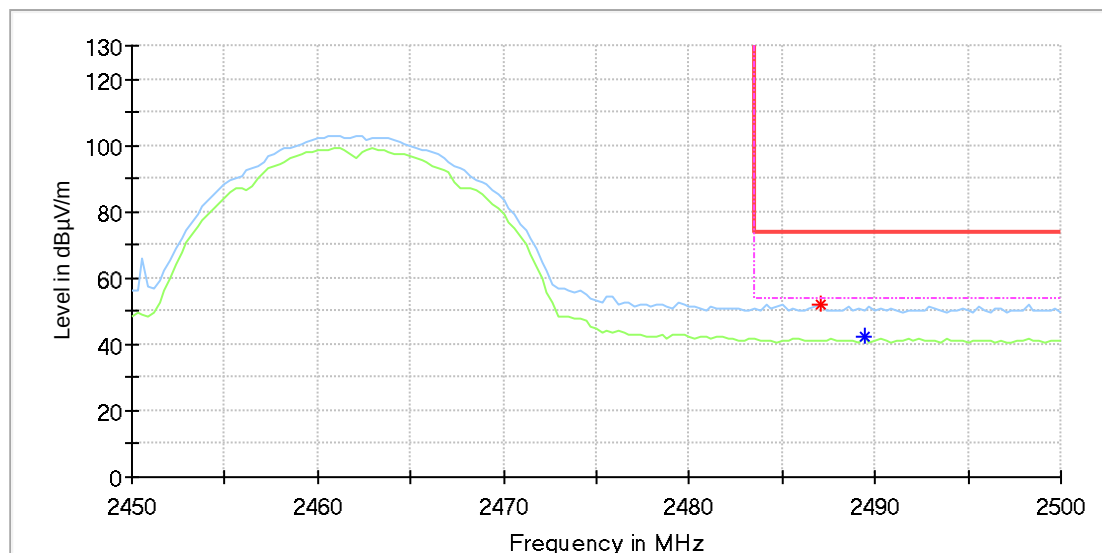
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2344.705882	50.59	---	74.00	23.41	150.0	V	289.0	8.4
2345.588235	---	40.59	54.00	13.41	150.0	V	160.0	8.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

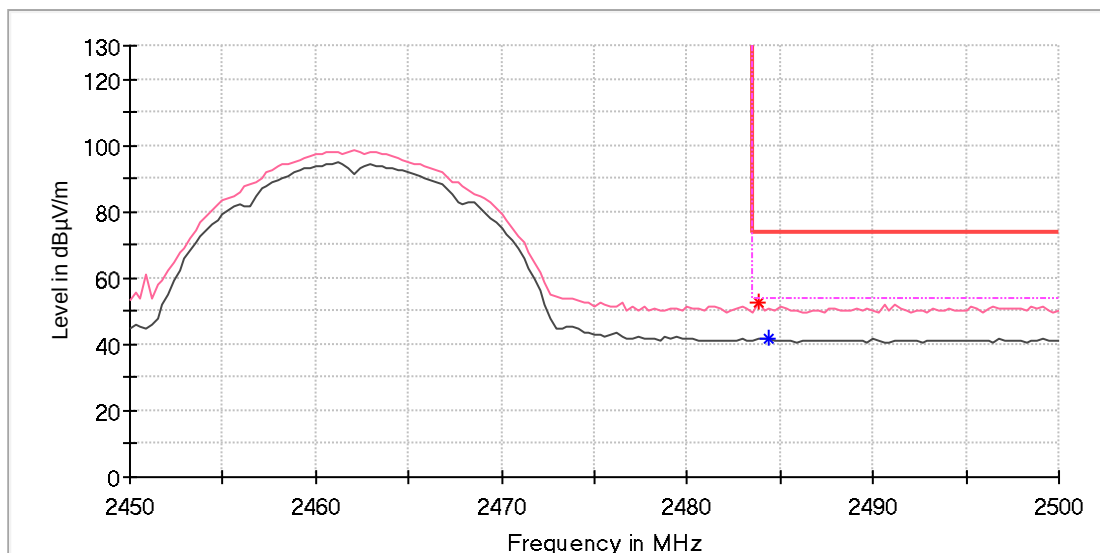
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.058824	52.22	---	74.00	21.78	150.0	H	304.0	9.0
2489.411765	---	42.11	54.00	11.89	150.0	H	205.0	9.0

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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	52.52	---	74.00	21.48	150.0	V	0.0	9.0
2484.411765	---	41.94	54.00	12.06	150.0	V	348.0	9.0

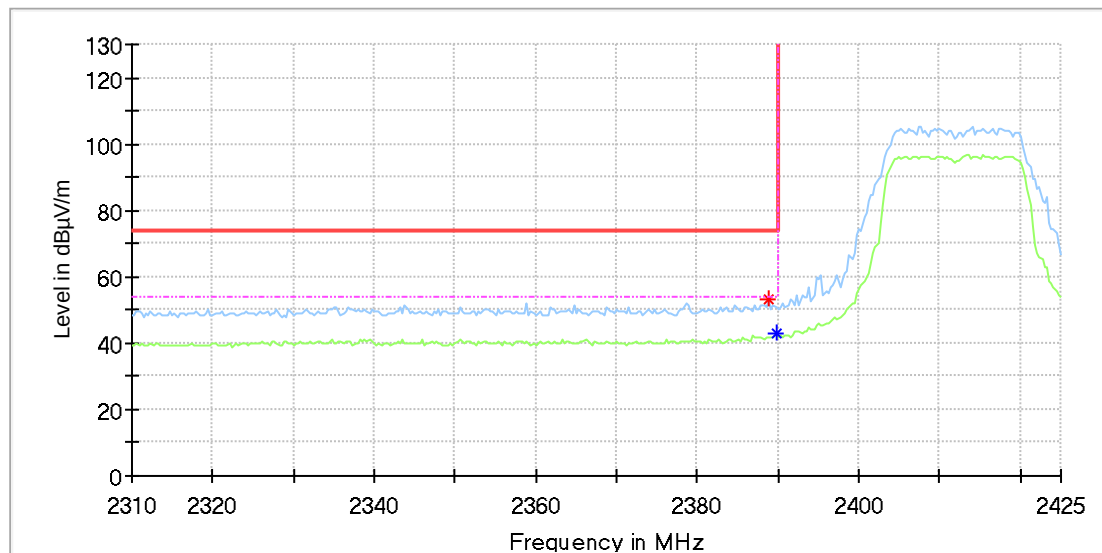
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRA0TCP
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

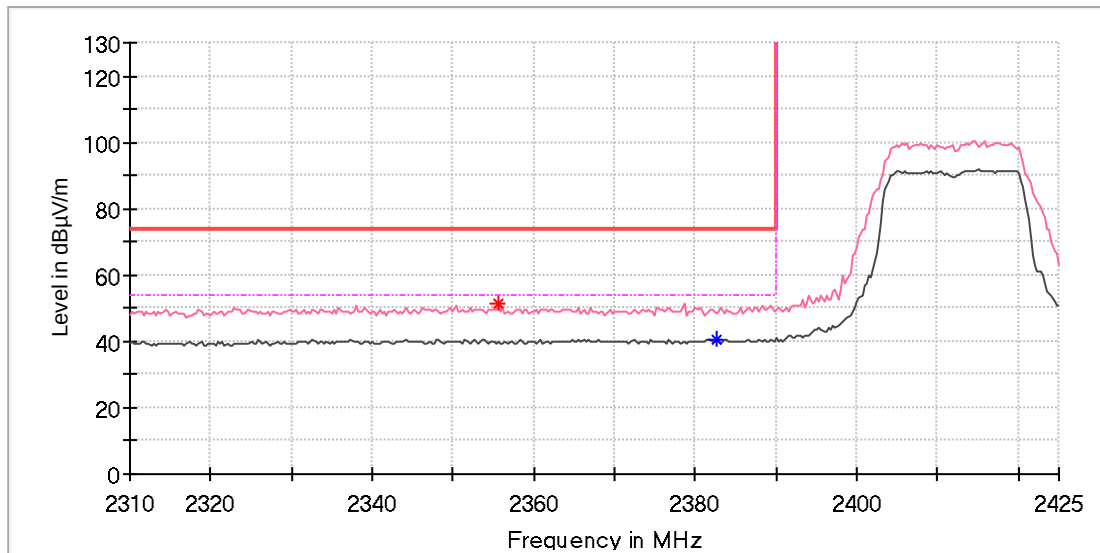
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	52.96	---	74.00	21.04	150.0	H	34.0	8.5
2389.705882	---	42.72	54.00	11.28	150.0	H	48.0	8.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

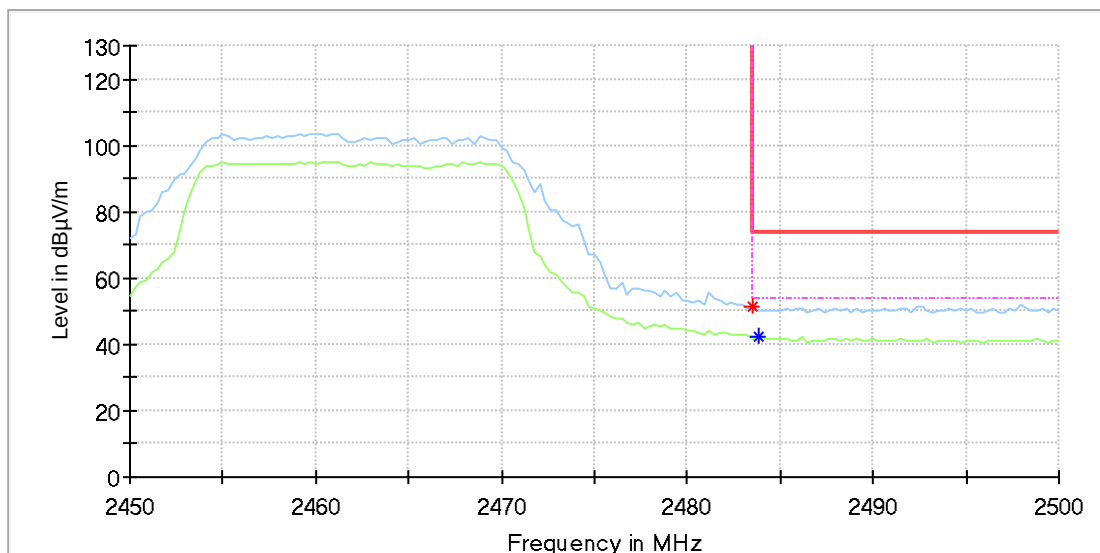
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2355.588235	51.47	---	74.00	22.53	150.0	V	299.0	8.5
2382.647059	---	40.63	54.00	13.37	150.0	V	121.0	8.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

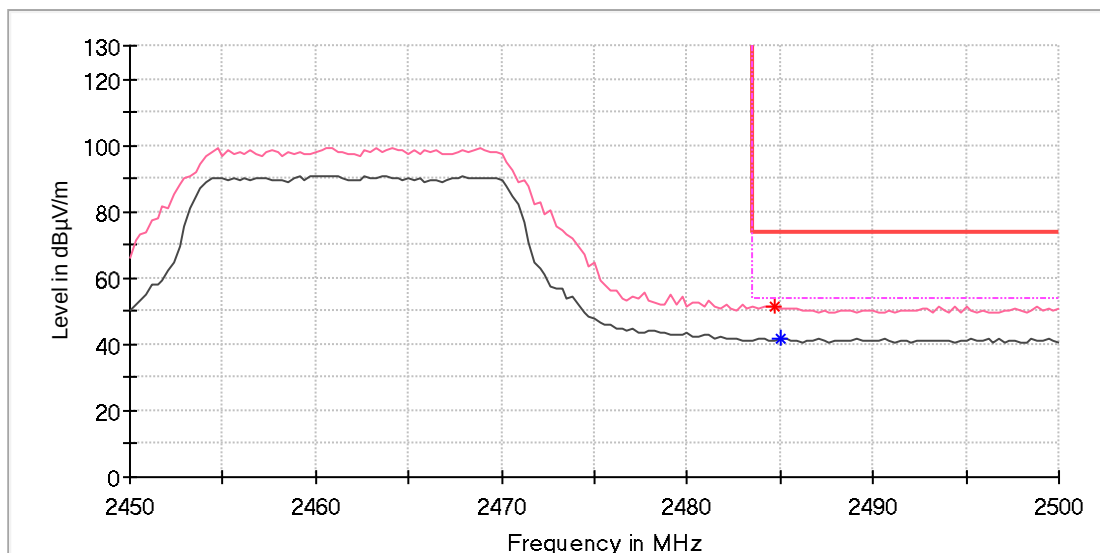
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	51.59	---	74.00	22.41	150.0	H	77.0	9.0
2483.823529	---	42.55	54.00	11.45	150.0	H	302.0	9.0

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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)
2484.705882	51.36	---	74.00	22.64	150.0	V	59.0	9.0
2485.000000	---	41.92	54.00	12.08	150.0	V	78.0	9.0

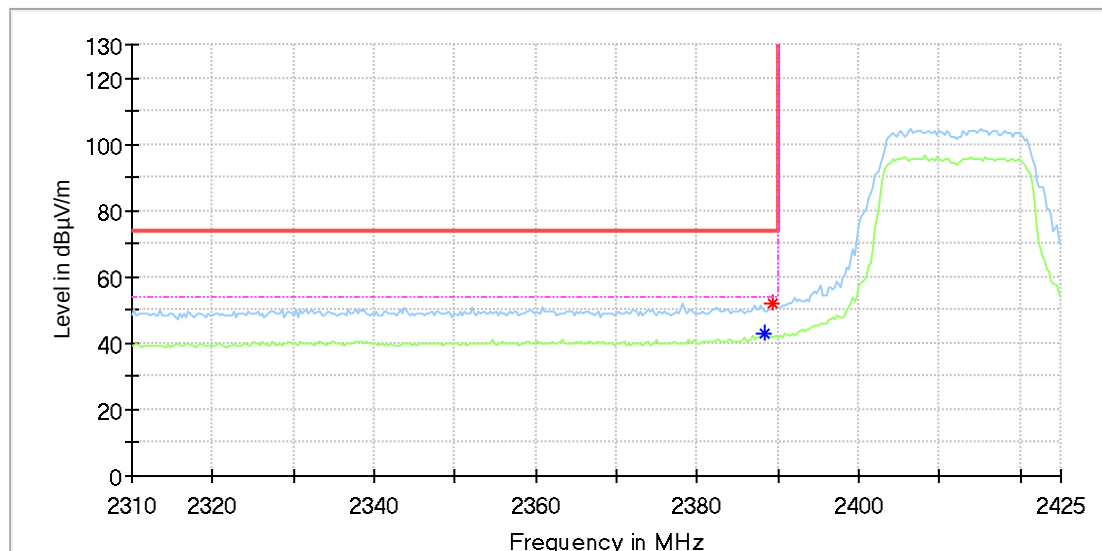
Final Result

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

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRA0TCP
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

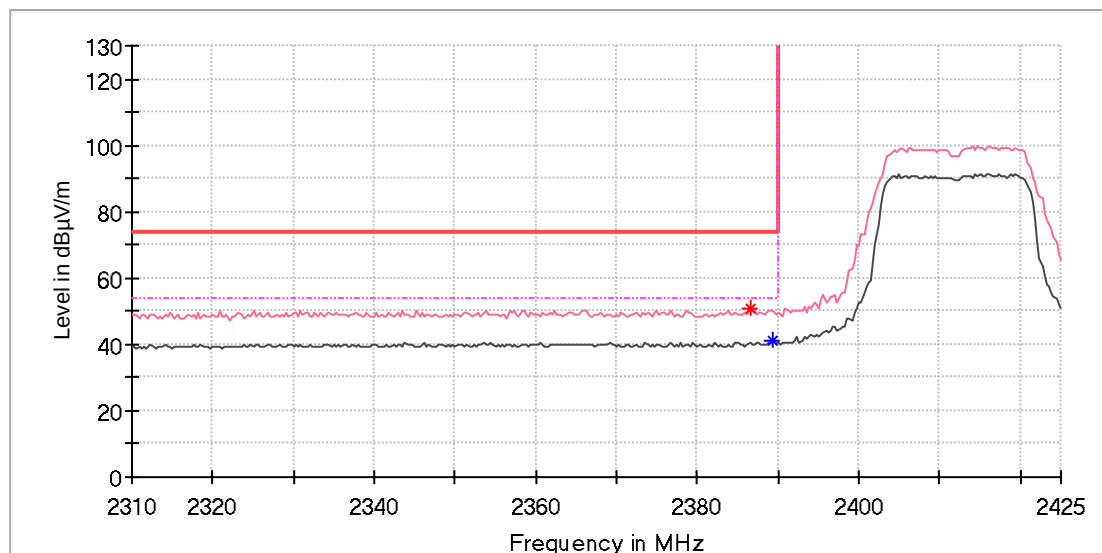
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.235294	---	42.80	54.00	11.20	150.0	H	47.0	8.5
2389.411765	51.74	---	74.00	22.26	150.0	H	33.0	8.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

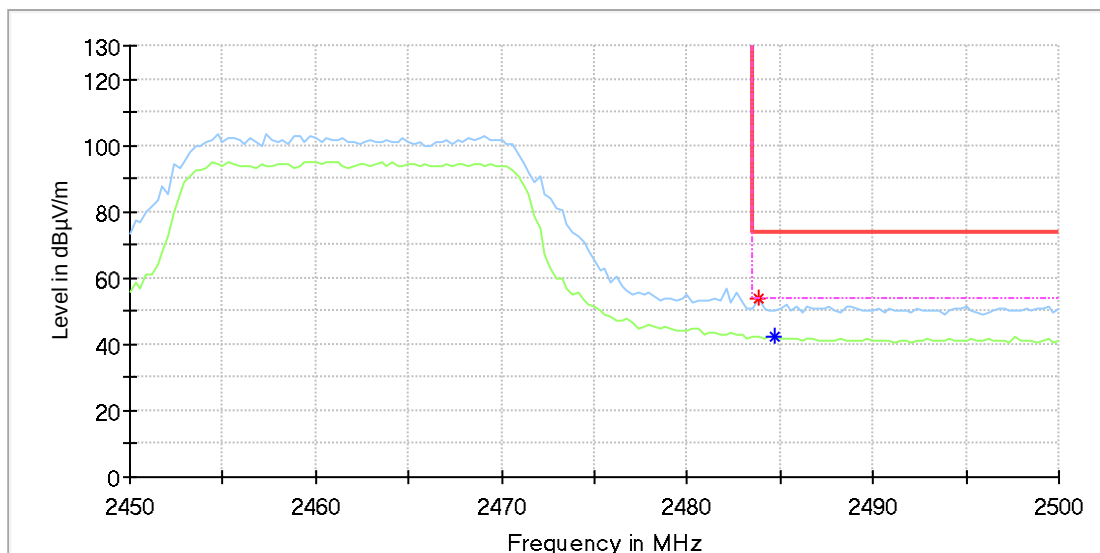
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	50.59	---	74.00	23.41	150.0	V	70.0	8.5
2389.411765	---	40.95	54.00	13.05	150.0	V	7.0	8.5

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

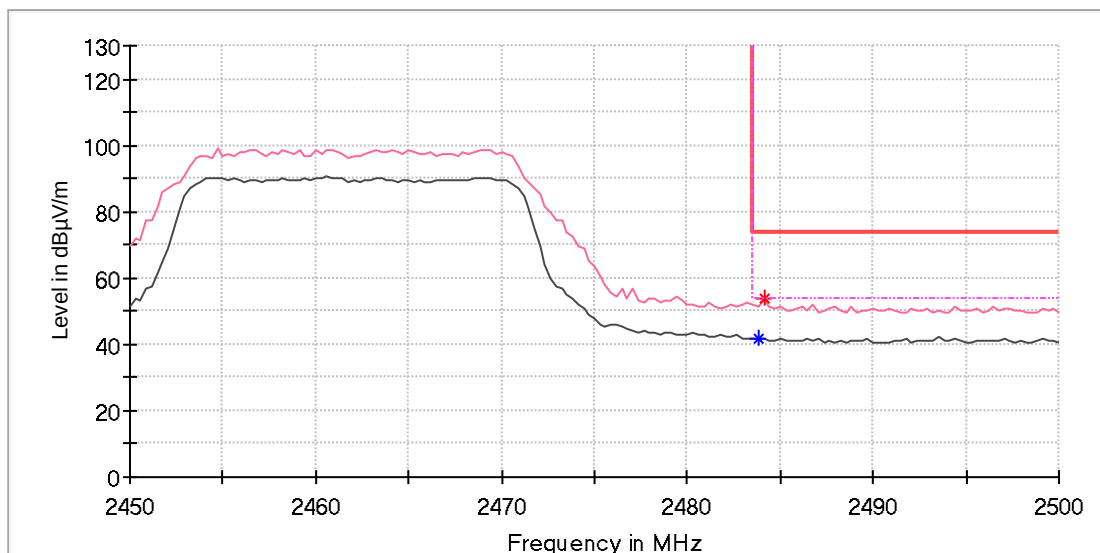
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	53.94	---	74.00	20.06	150.0	H	30.0	9.0
2484.705882	---	42.44	54.00	11.56	150.0	H	336.0	9.0

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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	---	41.85	54.00	12.15	150.0	V	43.0	9.0
2484.117647	53.70	---	74.00	20.30	150.0	V	186.0	9.0

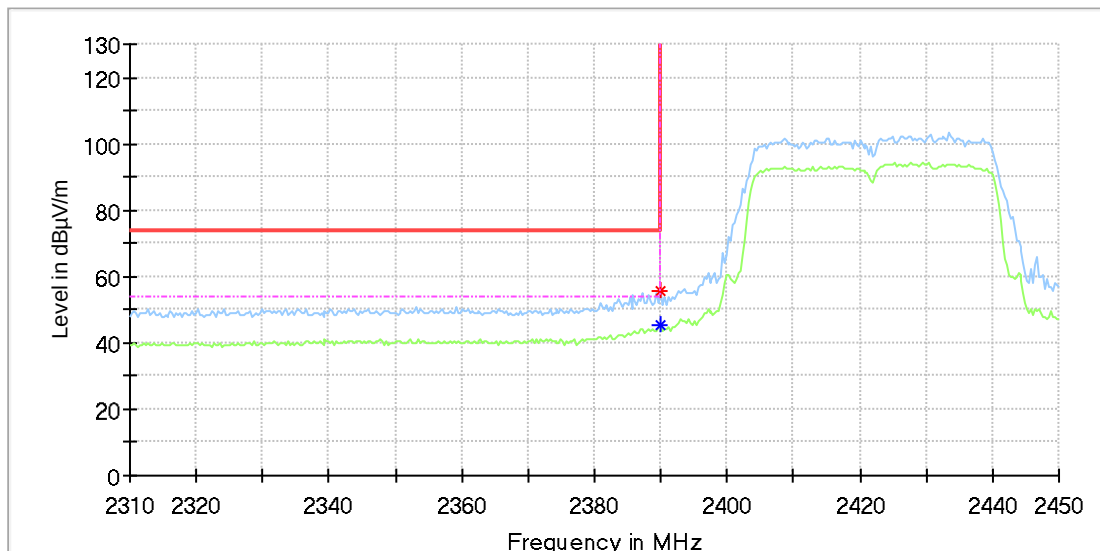
Final_Result

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

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRA0TCP
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168509463/A003889838-001
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

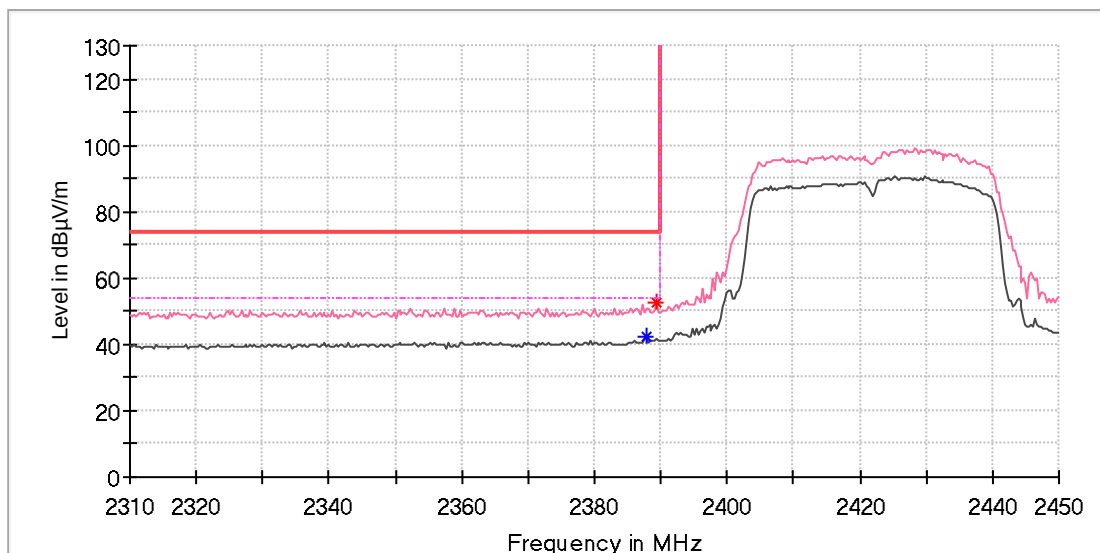
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	55.79	---	74.00	18.21	150.0	H	23.0	8.5
2390.000000	---	45.05	54.00	8.95	150.0	H	23.0	8.5

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

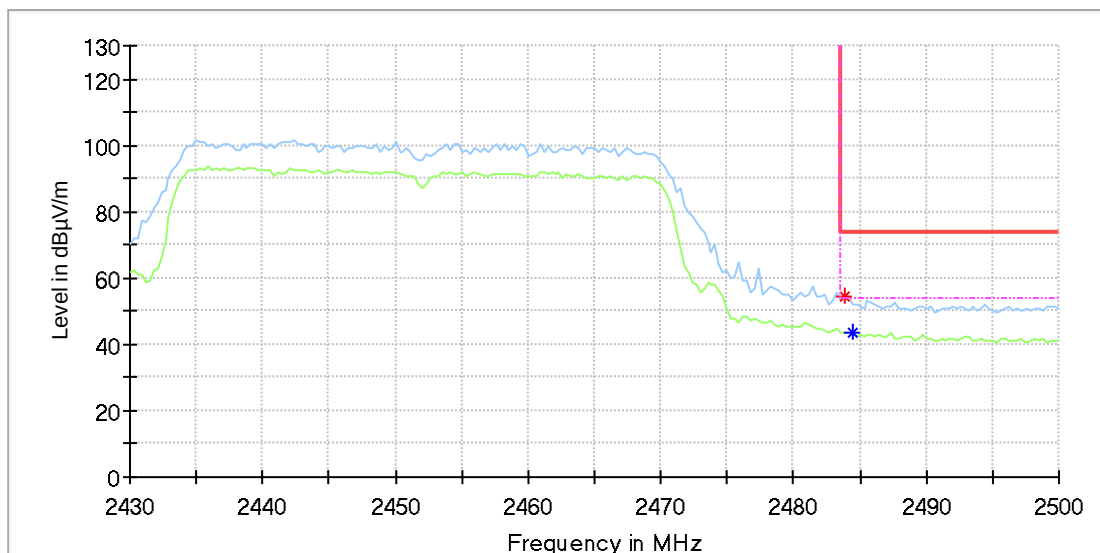
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	---	42.06	54.00	11.94	150.0	V	130.0	8.5
2389.411765	52.60	---	74.00	21.40	150.0	V	115.0	8.5

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

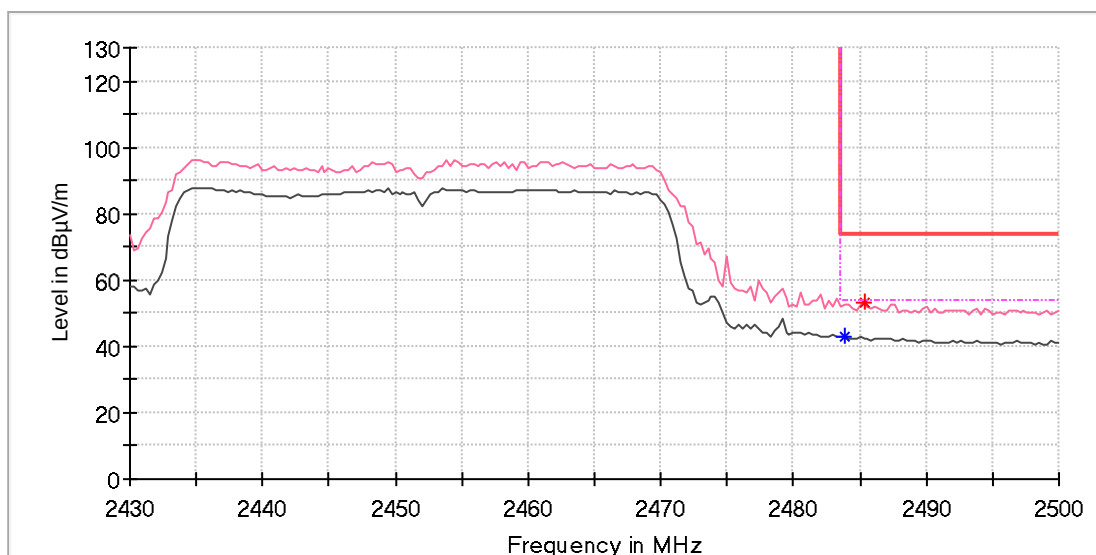
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	54.47	---	74.00	19.53	150.0	H	295.0	9.0
2484.411765	---	43.47	54.00	10.53	150.0	H	32.0	9.0

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRA0TCP
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168509463/A003889838-001
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
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	---	42.79	54.00	11.21	150.0	V	117.0	9.0
2485.294118	53.28	---	74.00	20.72	150.0	V	153.0	9.0

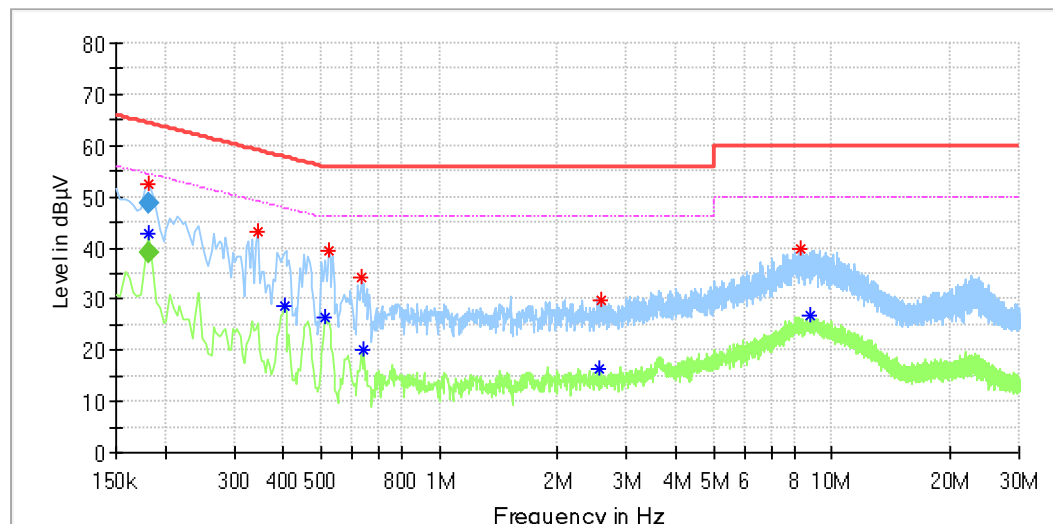
Final_Result

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

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Order Number: 168509463
Model: RRA0TCP
Test Mode: Charging
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15.207(a)
Test By:/Review By: Dawn Shen/ Shower Dai
Tem./Hum./Pressure: 24.0°C/50.4%/101kPa
Remark: SR3



Critical Freqs

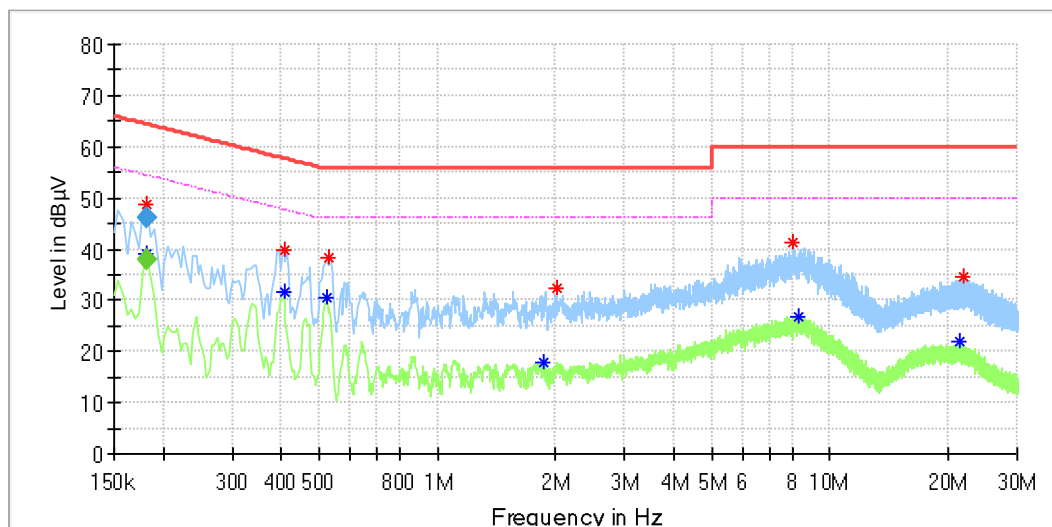
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.181500	---	42.79	54.42	11.63	L1	9.8
0.181500	52.45	---	64.42	11.97	L1	9.8
0.346000	43.23	---	59.06	15.83	L1	9.8
0.402000	---	28.82	47.81	18.99	L1	9.9
0.510000	---	26.37	46.00	19.63	L1	9.9
0.522000	39.26	---	56.00	16.74	L1	9.9
0.634000	34.19	---	56.00	21.81	L1	9.9
0.642000	---	20.09	46.00	25.91	L1	9.9
2.546000	---	16.31	46.00	29.69	L1	10.1
2.578000	29.59	---	56.00	26.41	L1	10.1
8.318000	39.93	---	60.00	20.07	L1	10.2
8.818000	---	26.83	50.00	23.17	L1	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.181500	48.66	---	64.42	15.76	1000.0	9.000	L1	9.8
0.181500	---	38.99	54.42	15.43	1000.0	9.000	L1	9.8

EUT Information

EUT Name: Robotic Vacuum Cleaner
 Order Number: 168509463
 Model: RRA0TCP
 Test Mode: Charging
 Test Voltage: AC 120V/60Hz
 Test Standard: FCC Part 15.207(a)
 Test By./Review By: Dawn Shen/ Shower Dai
 Tem./Hum./Pressure: 24.0°C/50.4%/101kPa
 Remark: SR3



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.181500	48.58	---	64.42	15.84	N	9.7
0.181500	---	39.06	54.42	15.36	N	9.7
0.406000	39.91	---	57.73	17.82	N	9.7
0.406000	---	31.45	47.73	16.28	N	9.7
0.522000	---	30.34	46.00	15.66	N	9.7
0.530000	38.35	---	56.00	17.65	N	9.7
1.874000	---	17.68	46.00	28.32	N	9.8
2.006000	32.20	---	56.00	23.80	N	9.8
8.082000	41.30	---	60.00	18.70	N	9.9
8.326000	---	26.76	50.00	23.24	N	9.9
21.350000	---	21.85	50.00	28.15	N	10.0
21.942000	34.43	---	60.00	25.57	N	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.181500	46.31	---	64.42	18.11	1000.0	9.000	N	9.7
0.181500	---	37.90	54.42	16.52	1000.0	9.000	N	9.7