

Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.71	5.71	---	PASS
			30~1000	5.71	-42.35	≤-14.29	PASS
			1000~26500	5.71	-33.18	≤-14.29	PASS
		2437	Reference	6.70	6.70	---	PASS
			30~1000	6.70	-40.52	≤-13.3	PASS
			1000~26500	6.70	-32.81	≤-13.3	PASS
		2462	Reference	6.95	6.95	---	PASS
			30~1000	6.95	-42.12	≤-13.05	PASS
			1000~26500	6.95	-32.67	≤-13.05	PASS
11G	Ant1	2412	Reference	1.21	1.21	---	PASS
			30~1000	1.21	-41.44	≤-18.79	PASS
			1000~26500	1.21	-32.3	≤-18.79	PASS
		2437	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-41.69	≤-18.89	PASS
			1000~26500	1.11	-32.59	≤-18.89	PASS
		2462	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-41.7	≤-19.31	PASS
			1000~26500	0.69	-32.18	≤-19.31	PASS
11N20SISO	Ant1	2412	Reference	0.51	0.51	---	PASS
			30~1000	0.51	-41.24	≤-19.49	PASS
			1000~26500	0.51	-31.99	≤-19.49	PASS
		2437	Reference	0.68	0.68	---	PASS
			30~1000	0.68	-41	≤-19.32	PASS
			1000~26500	0.68	-32.57	≤-19.32	PASS
		2462	Reference	2.49	2.49	---	PASS
			30~1000	2.49	-41.83	≤-17.51	PASS
			1000~26500	2.49	-33.05	≤-17.51	PASS
11N40SISO	Ant1	2422	Reference	1.01	1.01	---	PASS
			30~1000	1.01	-41.49	≤-18.99	PASS
			1000~26500	1.01	-32.27	≤-18.99	PASS
		2437	Reference	0.54	0.54	---	PASS
			30~1000	0.54	-41.46	≤-19.46	PASS
			1000~26500	0.54	-32.66	≤-19.46	PASS
		2452	Reference	1.06	1.06	---	PASS
			30~1000	1.06	-41.67	≤-18.94	PASS
			1000~26500	1.06	-32.54	≤-18.94	PASS

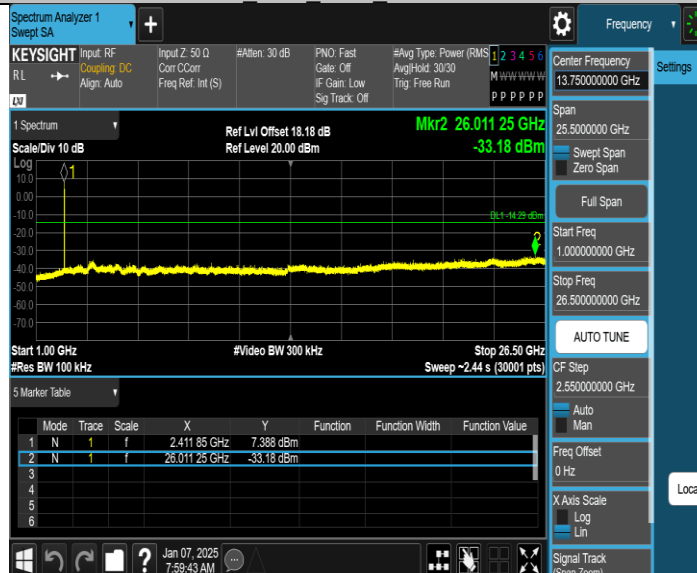
11B_Ant1_2412_0-Reference



11B_Ant1_2412_30-1000



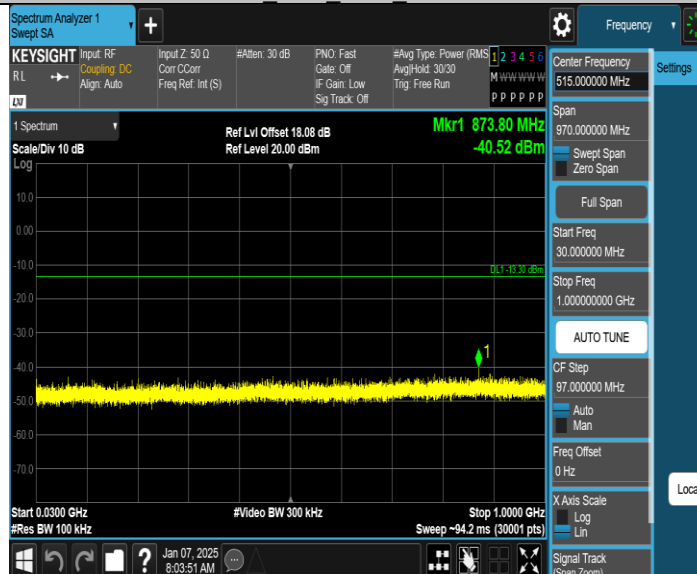
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11B_Ant1_2437_0-Reference



11B_Ant1_2437_30-1000



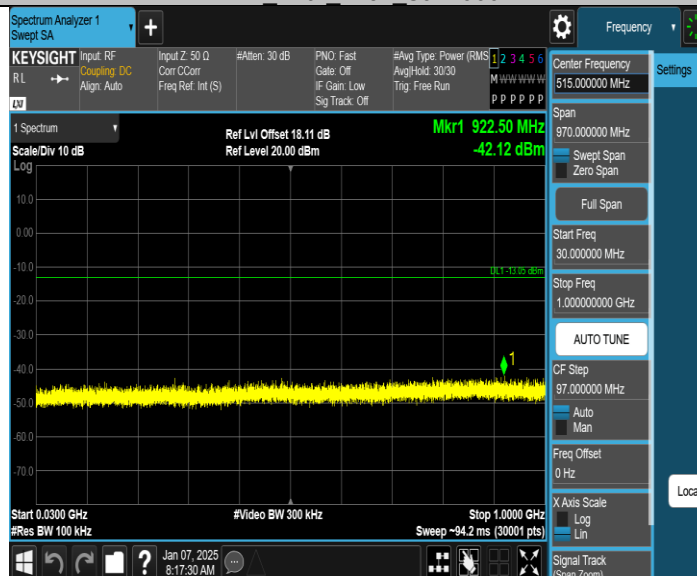
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11B_Ant1_2462_0-Reference



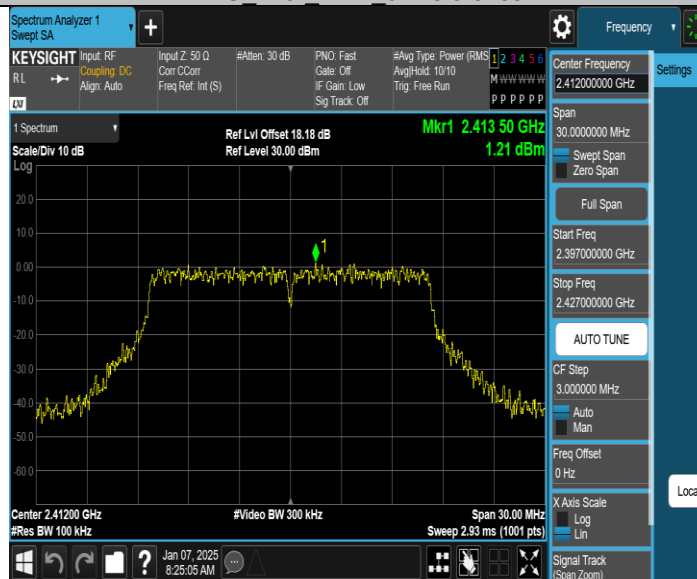
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11B_Ant1_2462_1000-26500



11G_Ant1_2412_0-Reference



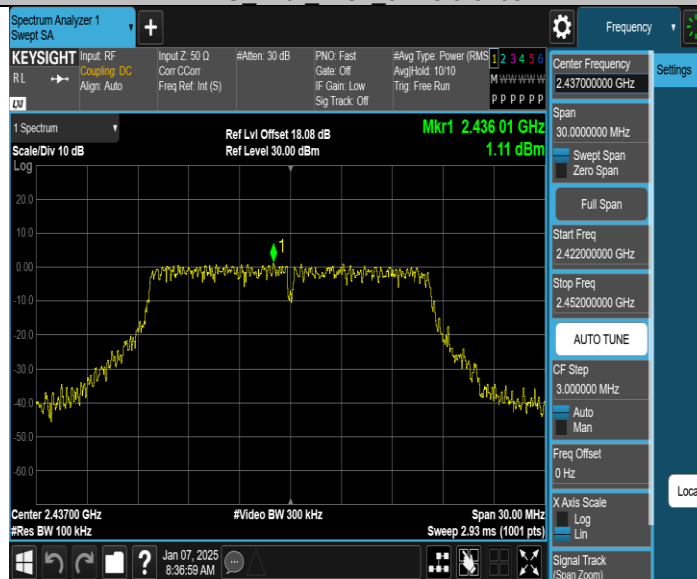
11G_Ant1_2412_30-1000



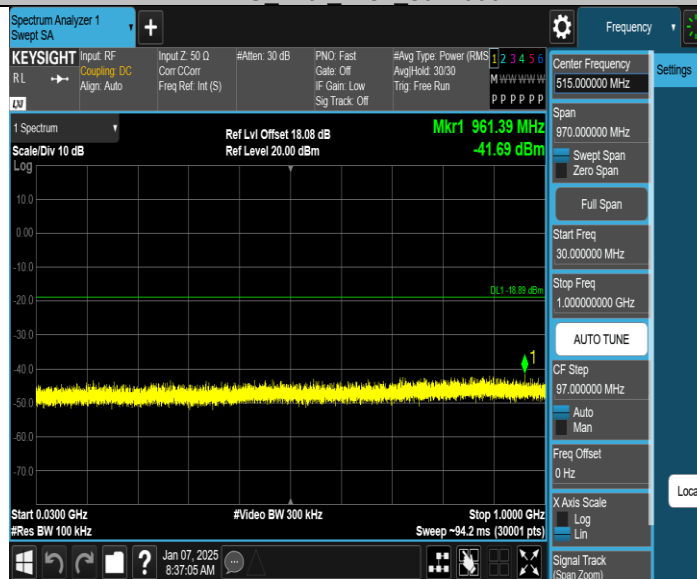
11G_Ant1_2412_1000-26500



11G Ant1 2437 0-Reference



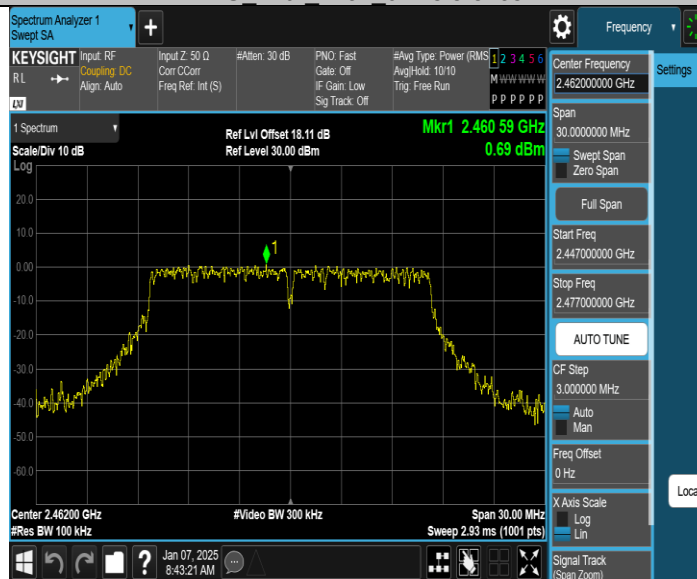
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11G Ant1 2437 1000-26500



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



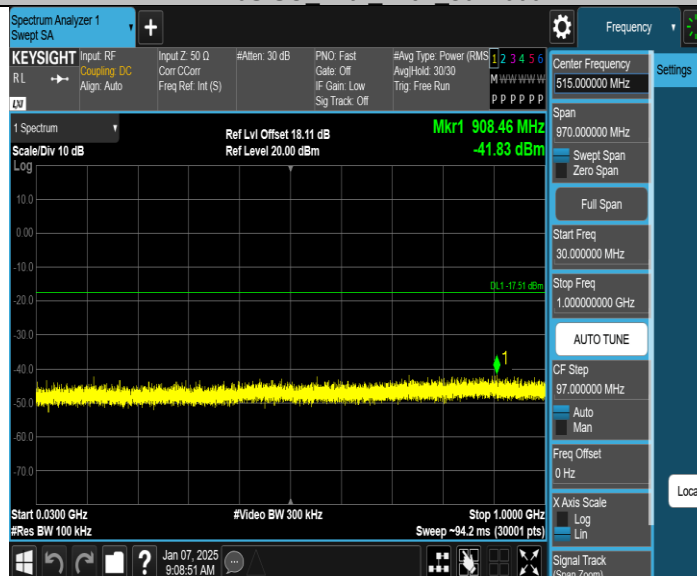
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11N20SISO Ant1 2462 0~Reference



11N20SISO Ant1 2462 30~1000



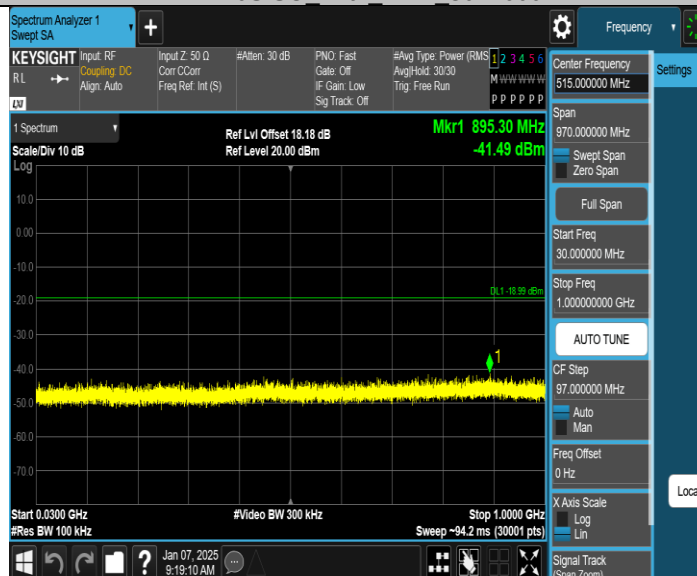
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11N40SISO Ant1 2422 0~Reference



11N40SISO Ant1 2422 30~1000



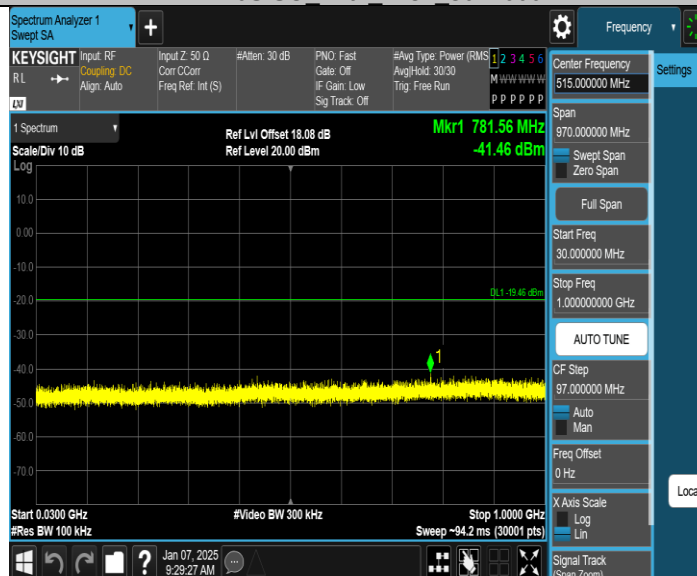
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11N40SISO Ant1 2437 0~Reference



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

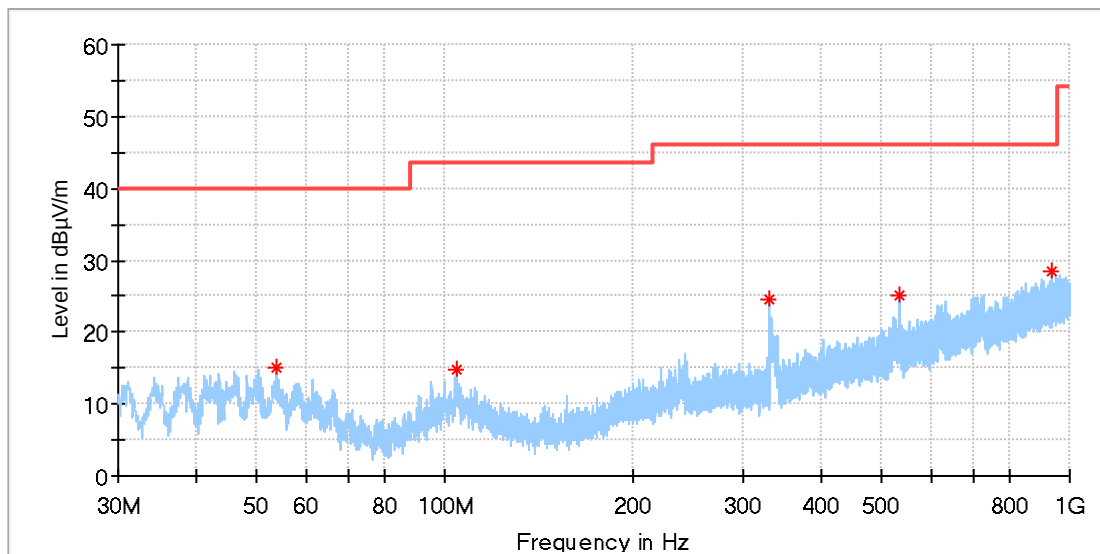
Note:

- 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:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

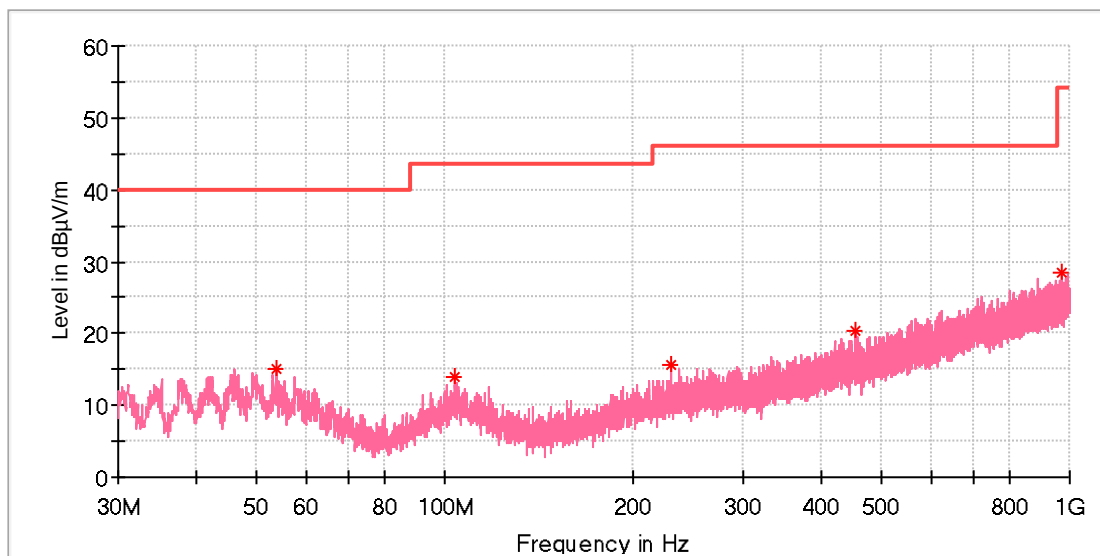
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.802308	15.07	40.00	24.93	100.0	H	0.0	-18.5
104.764615	14.70	43.50	28.80	100.0	H	312.0	-18.9
331.408846	24.54	46.00	21.46	100.0	H	346.0	-15.3
535.108846	25.19	46.00	20.81	100.0	H	290.0	-11.1
932.435769	28.40	46.00	17.60	100.0	H	337.0	-4.5

Final Result

Frequency (MHz)	QuasiPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518349/A003895735-004
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)
53.839615	15.19	40.00	24.81	100.0	V	54.0	-18.5
104.018462	13.83	43.50	29.67	100.0	V	350.0	-18.9
230.379615	15.63	46.00	30.37	100.0	V	350.0	-18.1
454.785385	20.35	46.00	25.65	100.0	V	44.0	-12.7
970.750769	28.40	54.00	25.60	100.0	V	293.0	-4.0

Final_Result

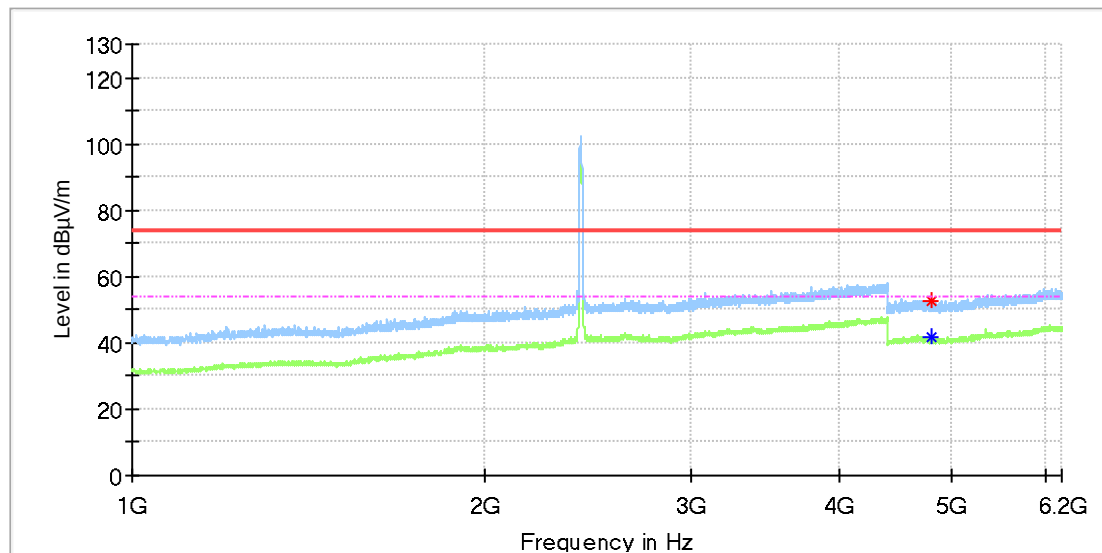
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

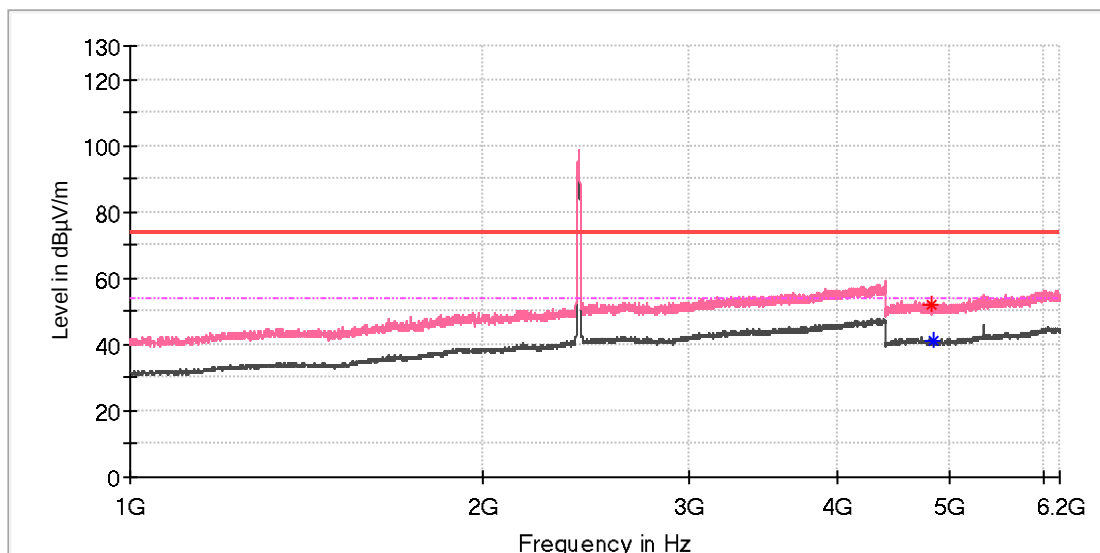
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.000000	52.51	---	74.00	21.49	150.0	H	183.0	13.3
4802.000000	---	41.60	54.00	12.40	150.0	H	183.0	13.3

Final Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

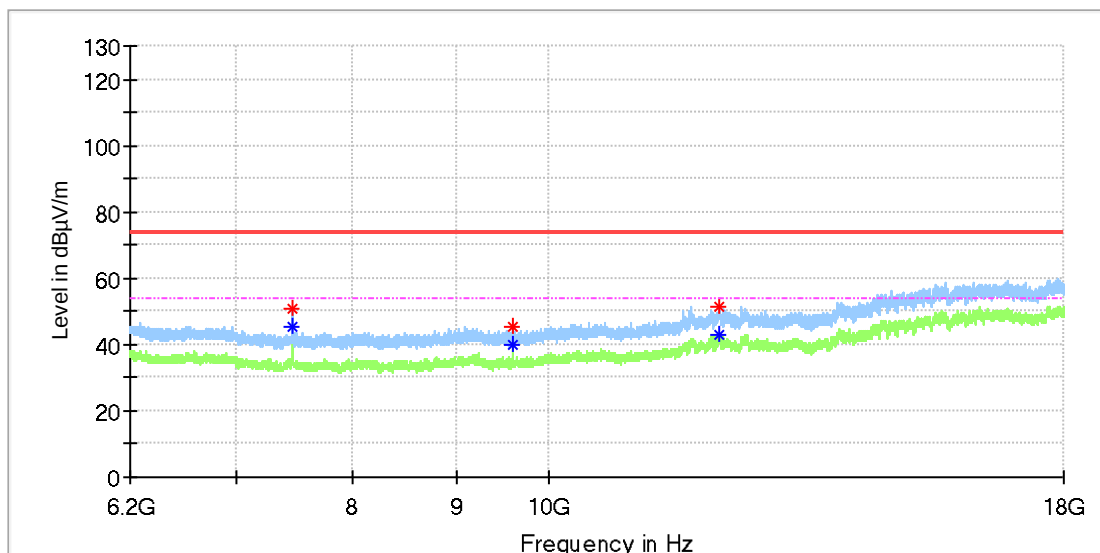
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4811.500000	52.11	---	74.00	21.89	150.0	V	102.0	13.3
4831.000000	---	41.17	54.00	12.83	150.0	V	64.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
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Critical_Freqs

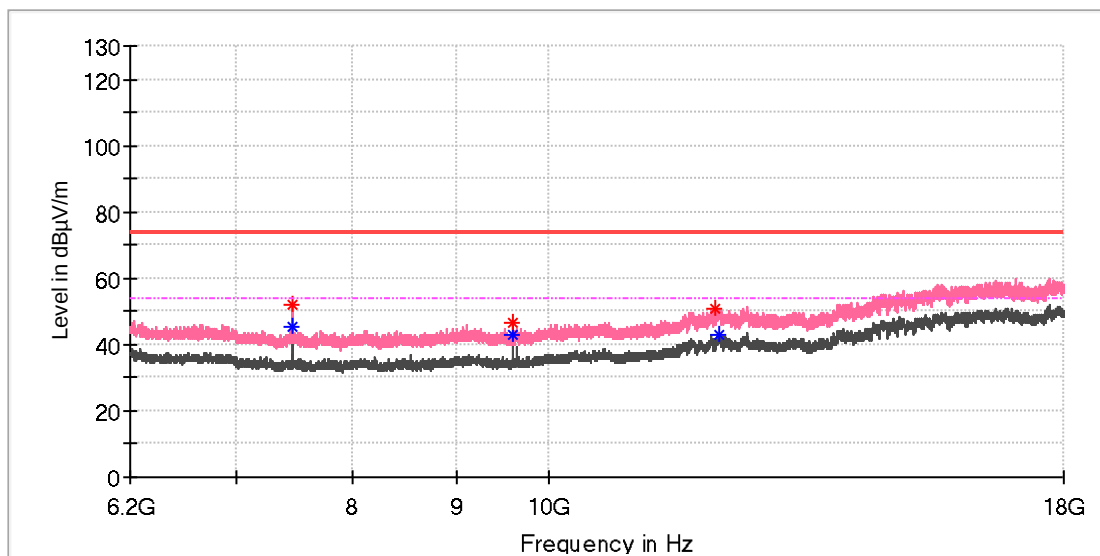
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	51.05	---	74.00	22.95	150.0	H	210.0	8.6
7466.041667	---	45.25	54.00	8.75	150.0	H	199.0	8.6
9598.400000	45.11	---	74.00	28.89	150.0	H	220.0	10.4
9598.400000	---	39.93	54.00	14.07	150.0	H	220.0	10.4
12146.216667	---	42.87	54.00	11.13	150.0	H	346.0	16.6
12153.591667	51.20	---	74.00	22.80	150.0	H	314.0	16.5

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

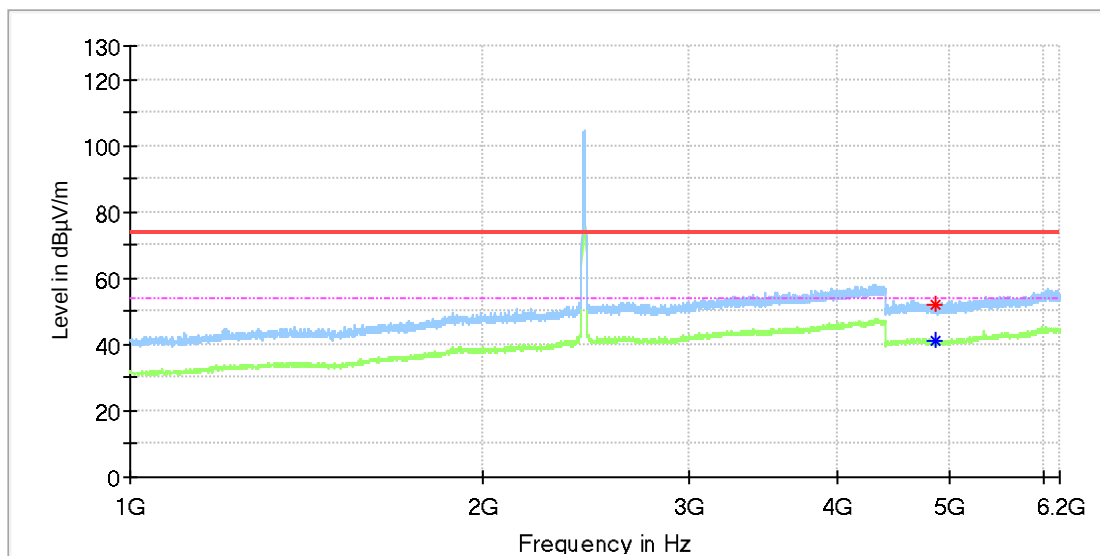
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	52.29	---	74.00	21.71	150.0	V	144.0	8.6
7466.041667	---	45.11	54.00	8.89	150.0	V	191.0	8.6
9598.400000	46.76	---	74.00	27.24	150.0	V	191.0	10.4
9598.891667	---	42.80	54.00	11.20	150.0	V	191.0	10.4
12100.983333	50.91	---	74.00	23.09	150.0	V	154.0	15.5
12131.958333	---	42.78	54.00	11.22	150.0	V	122.0	16.3

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

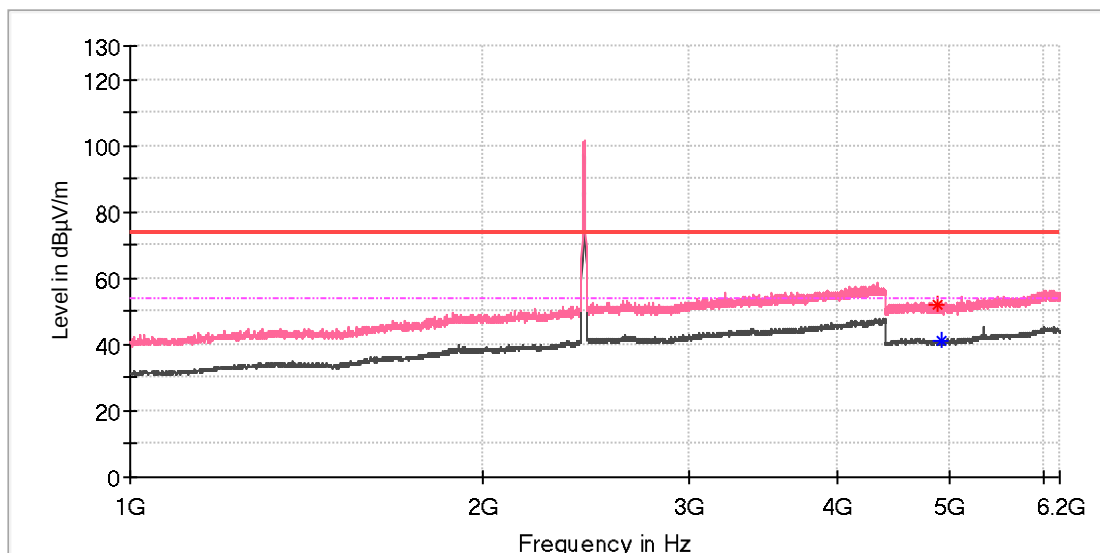
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4853.000000	51.85	---	74.00	22.16	150.0	H	23.0	13.3
4861.000000	---	41.38	54.00	12.62	150.0	H	214.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (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:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

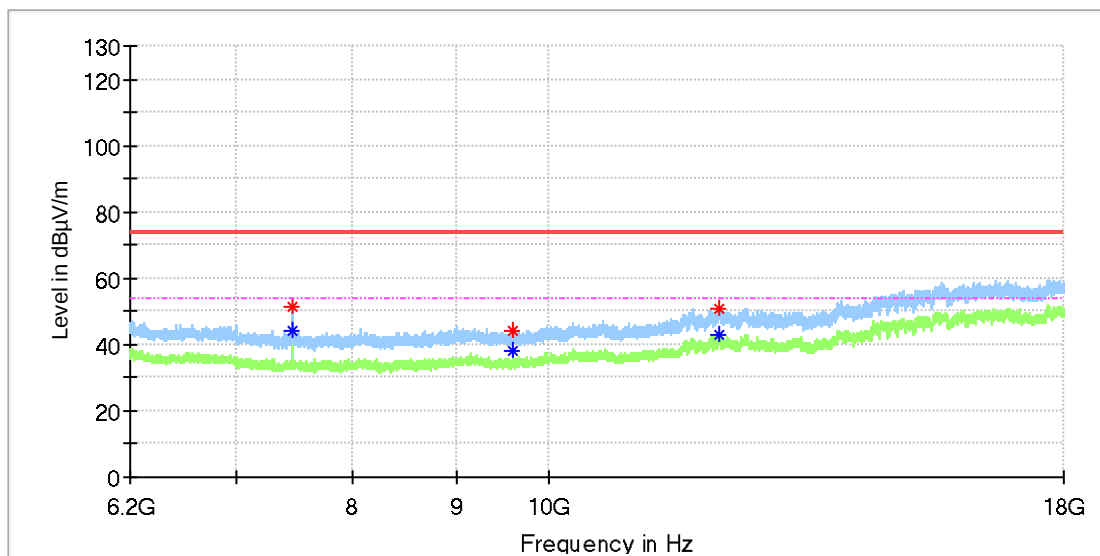
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4874.000000	52.29	---	74.00	21.71	150.0	V	125.0	13.3
4909.500000	---	41.28	54.00	12.72	150.0	V	281.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

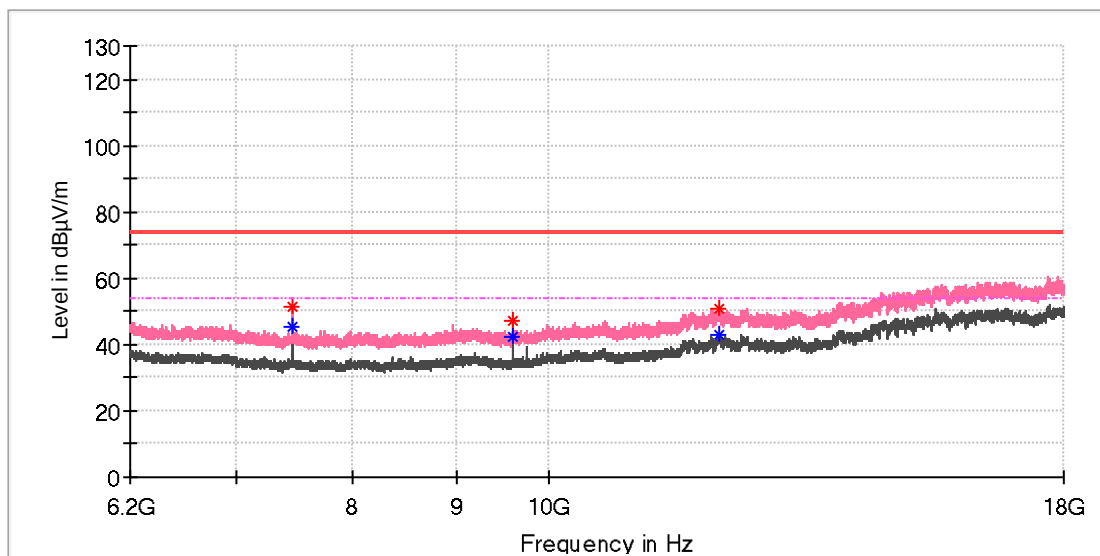
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	51.28	---	74.00	22.72	150.0	H	194.0	8.6
7466.041667	---	44.32	54.00	9.68	150.0	H	227.0	8.6
9597.908333	44.34	---	74.00	29.66	150.0	H	215.0	10.3
9598.891667	---	37.98	54.00	16.02	150.0	H	215.0	10.4
12151.133333	---	42.73	54.00	11.27	150.0	H	5.0	16.7
12152.608333	50.56	---	74.00	23.44	150.0	H	358.0	16.6

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

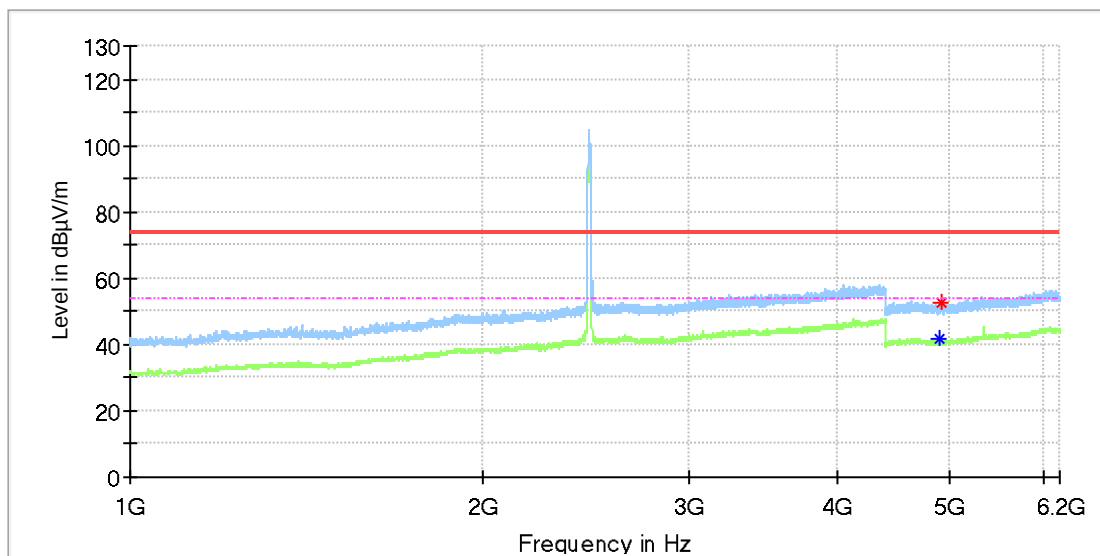
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	51.63	---	74.00	22.37	150.0	V	142.0	8.6
7466.041667	---	45.48	54.00	8.52	150.0	V	142.0	8.6
9598.891667	---	42.32	54.00	11.68	150.0	V	187.0	10.4
9598.891667	47.36	---	74.00	26.64	150.0	V	187.0	10.4
12135.400000	50.90	---	74.00	23.10	150.0	V	17.0	16.3
12146.708333	---	42.93	54.00	11.07	150.0	V	6.0	16.6

Final_Result

Frequency (MHz)	MaxPeak (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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

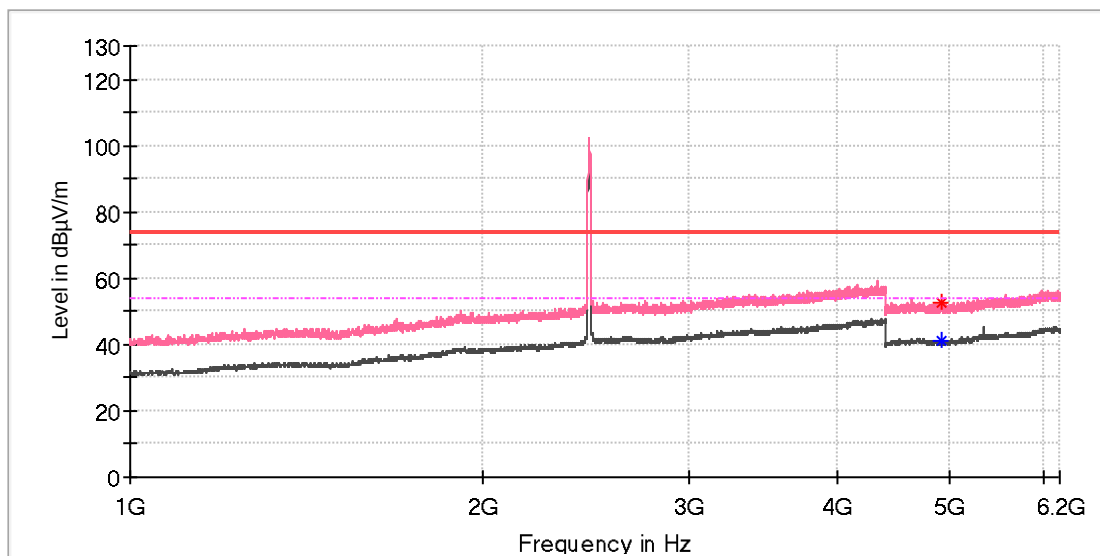
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4901.000000	---	41.45	54.00	12.55	150.0	H	27.0	13.3
4919.000000	52.76	---	74.00	21.24	150.0	H	34.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

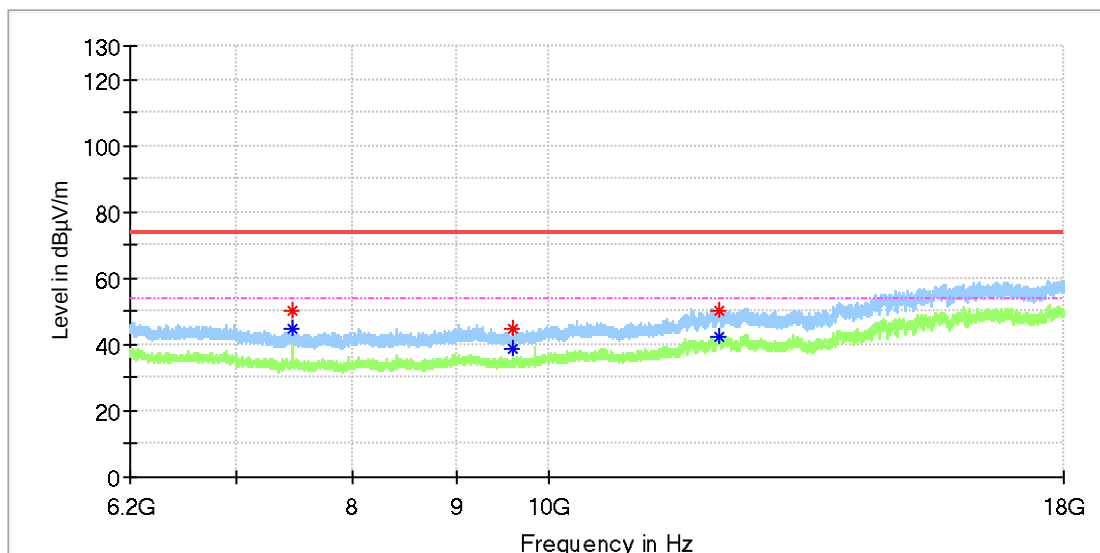
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.000000	---	41.20	54.00	12.80	150.0	V	259.0	13.3
4919.000000	52.38	---	74.00	21.62	150.0	V	24.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

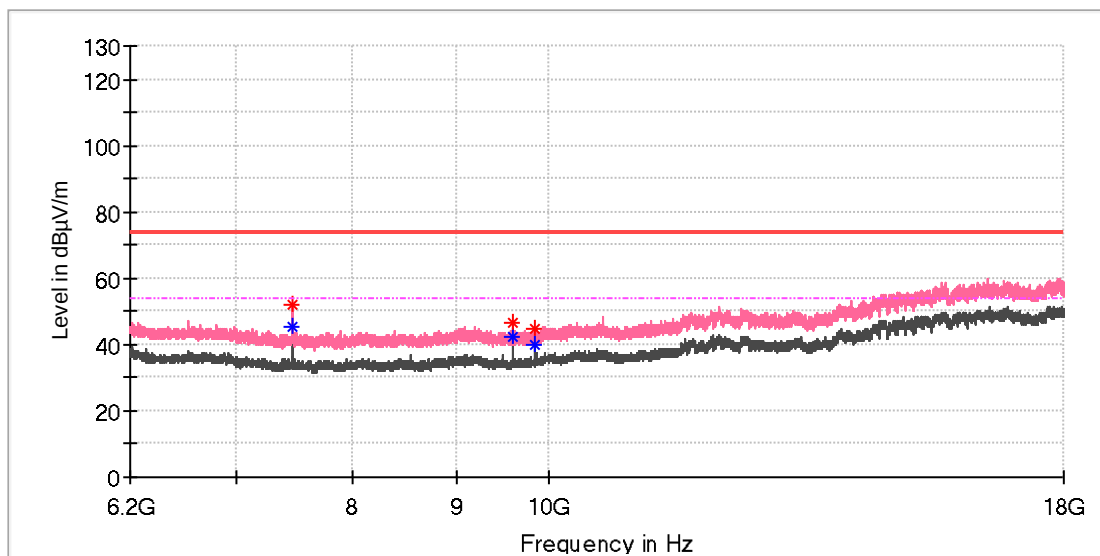
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	50.46	---	74.00	23.54	150.0	H	227.0	8.6
7466.041667	---	44.80	54.00	9.20	150.0	H	194.0	8.6
9598.400000	44.47	---	74.00	29.53	150.0	H	259.0	10.4
9598.400000	---	38.46	54.00	15.54	150.0	H	259.0	10.4
12142.283333	50.40	---	74.00	23.60	150.0	H	0.0	16.5
12151.625000	---	42.62	54.00	11.38	150.0	H	162.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

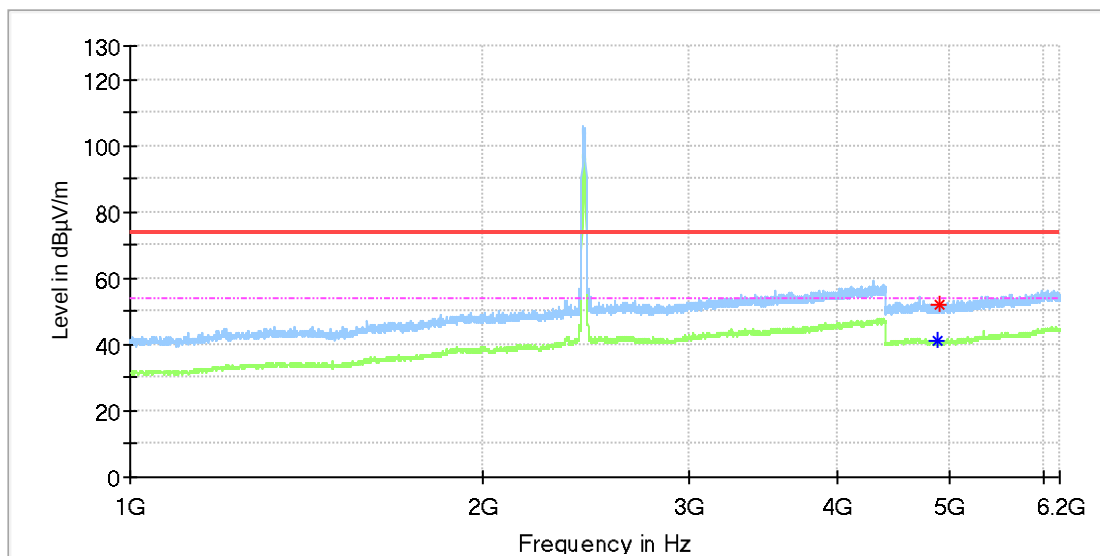
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7466.041667	51.92	---	74.00	22.08	150.0	V	137.0	8.6
7466.041667	---	45.43	54.00	8.57	150.0	V	137.0	8.6
9597.908333	46.64	---	74.00	27.36	150.0	V	197.0	10.3
9598.891667	---	42.52	54.00	11.48	150.0	V	197.0	10.4
9847.675000	44.51	---	74.00	29.49	150.0	V	148.0	10.6
9848.166667	---	40.20	54.00	13.80	150.0	V	114.0	10.6

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: RRW0PEP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

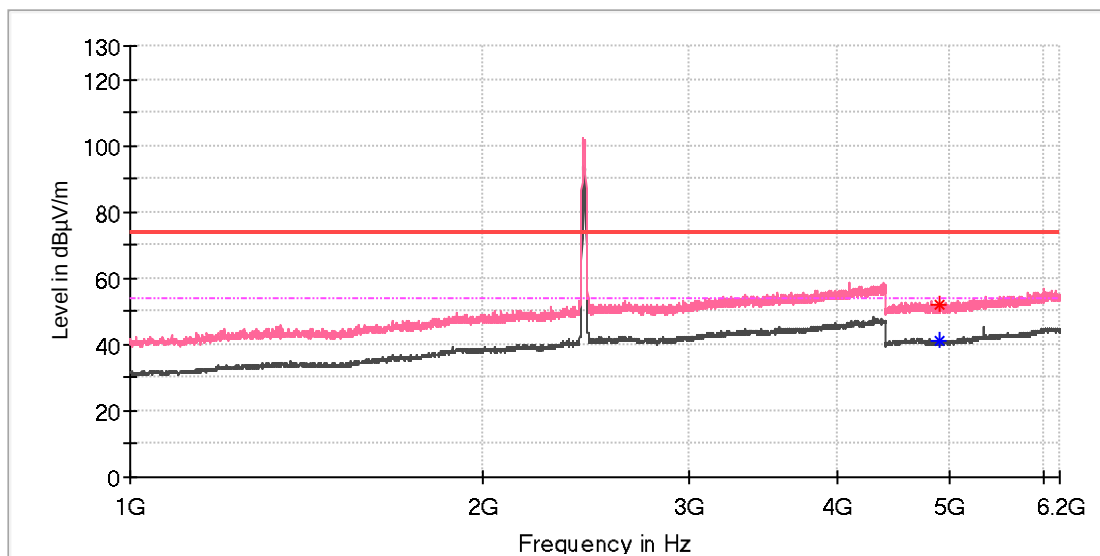
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	---	41.07	54.00	12.93	150.0	H	155.0	13.3
4897.000000	52.06	---	74.00	21.94	150.0	H	224.0	13.3

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

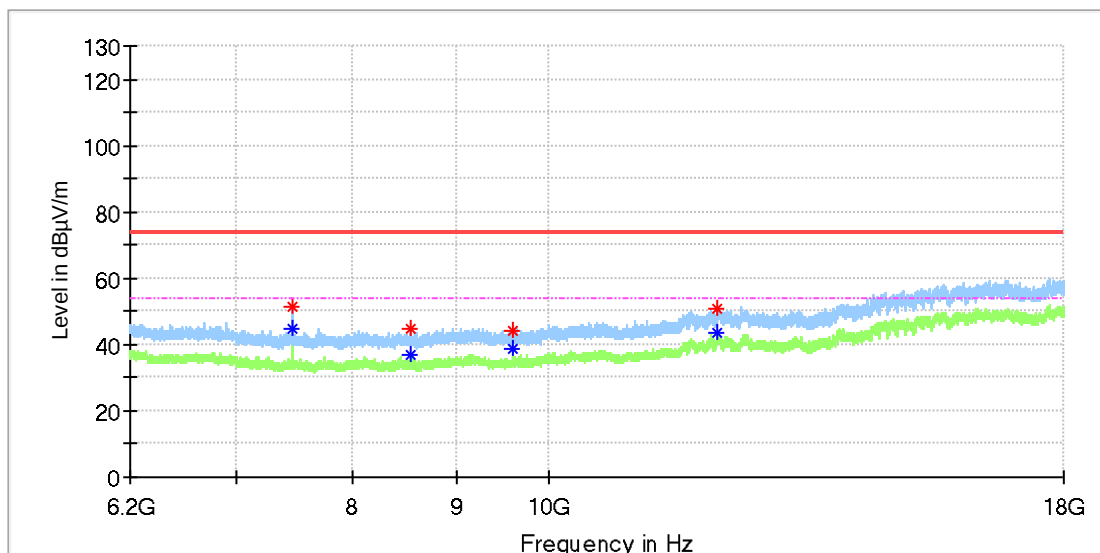
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4894.500000	52.10	---	74.00	21.90	150.0	V	119.0	13.3
4897.500000	---	41.41	54.00	12.59	150.0	V	69.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

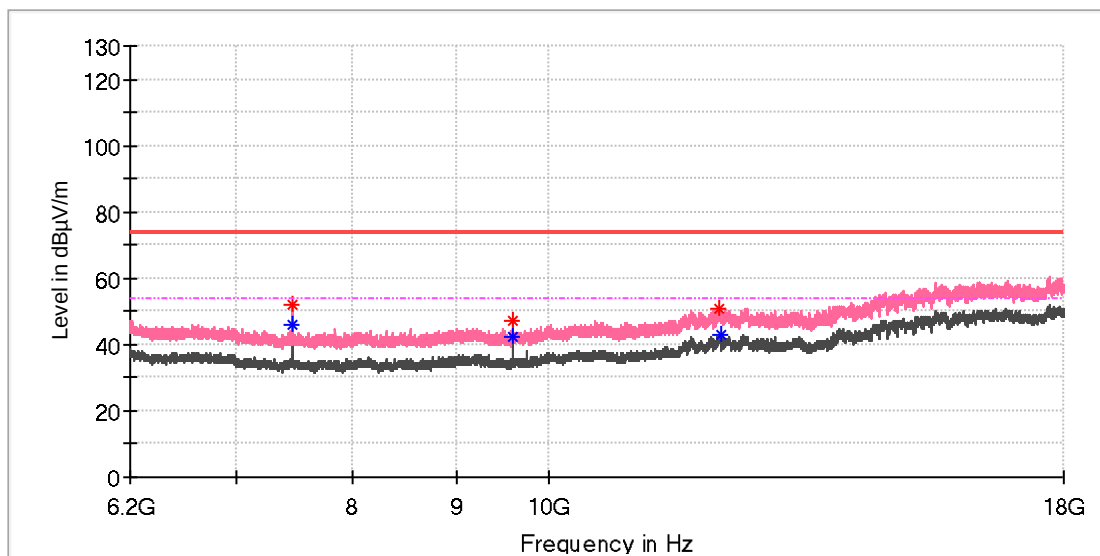
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	51.14	---	74.00	22.86	150.0	H	189.0	8.6
7466.041667	---	44.84	54.00	9.16	150.0	H	189.0	8.6
8531.975000	44.60	---	74.00	29.40	150.0	H	189.0	8.8
8531.975000	---	36.88	54.00	17.12	150.0	H	189.0	8.8
9598.400000	---	38.42	54.00	15.58	150.0	H	225.0	10.4
9598.891667	44.03	---	74.00	29.98	150.0	H	213.0	10.4
12116.716667	50.93	---	74.00	23.07	150.0	H	0.0	15.9
12127.533333	---	43.37	54.00	10.63	150.0	H	201.0	16.1

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: RRW0PEP
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

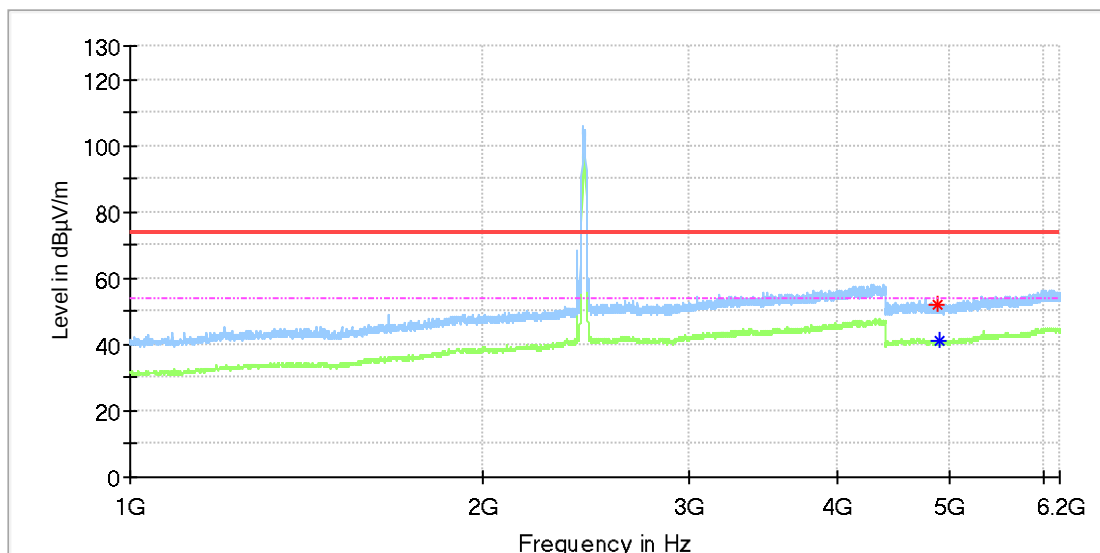
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	51.78	---	74.00	22.22	150.0	V	157.0	8.6
7466.041667	---	45.86	54.00	8.14	150.0	V	145.0	8.6
9598.891667	47.28	---	74.00	26.72	150.0	V	193.0	10.4
9598.891667	---	42.56	54.00	11.44	150.0	V	193.0	10.4
12133.925000	50.88	---	74.00	23.12	150.0	V	193.0	16.3
12159.983333	---	42.74	54.00	11.26	150.0	V	34.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

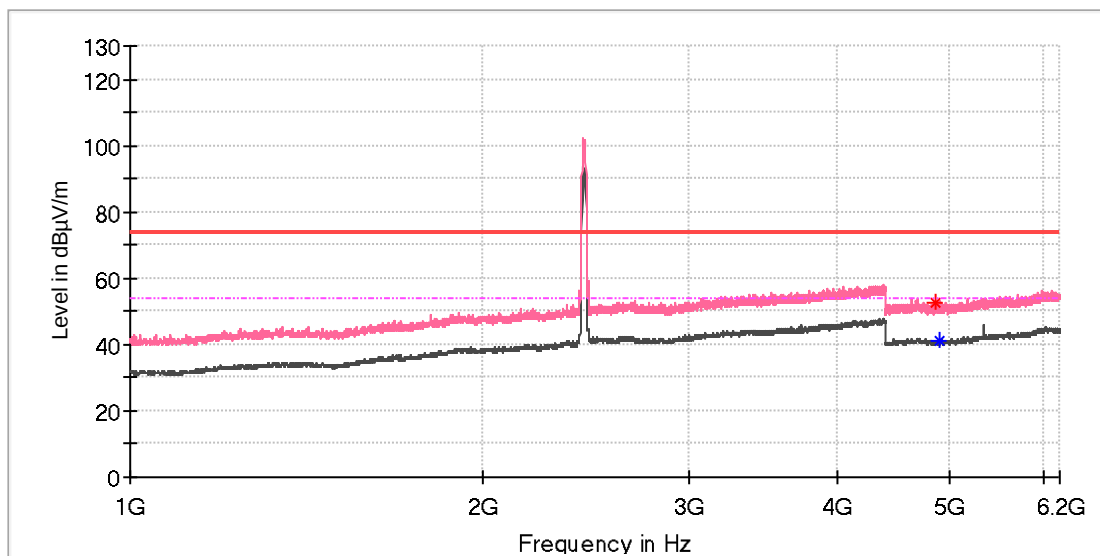
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4887.000000	52.08	---	74.00	21.92	150.0	H	349.0	13.3
4898.500000	---	41.21	54.00	12.79	150.0	H	131.0	13.3

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

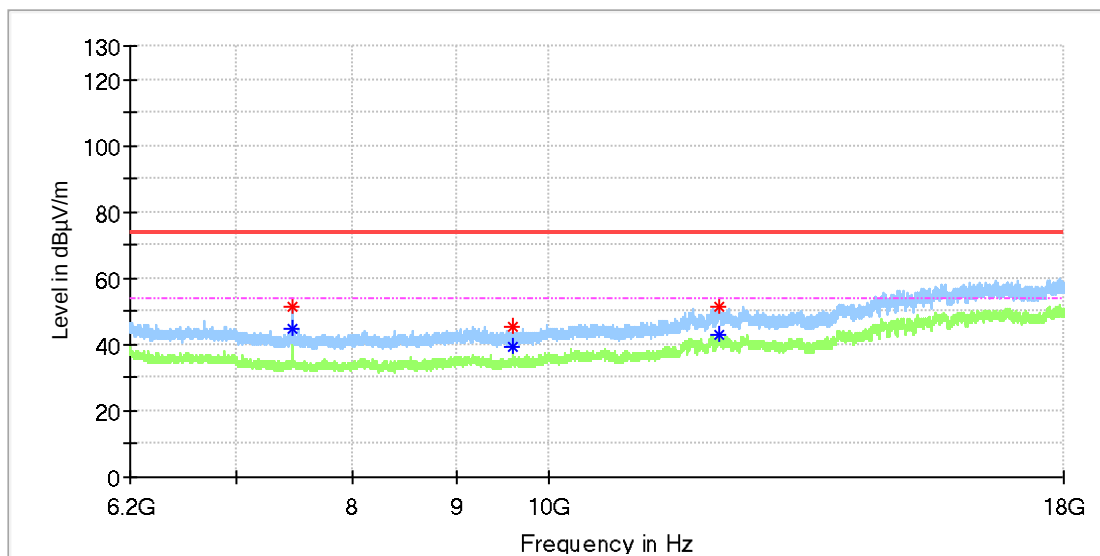
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	52.72	---	74.00	21.28	150.0	V	140.0	13.3
4894.500000	---	41.36	54.00	12.64	150.0	V	226.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

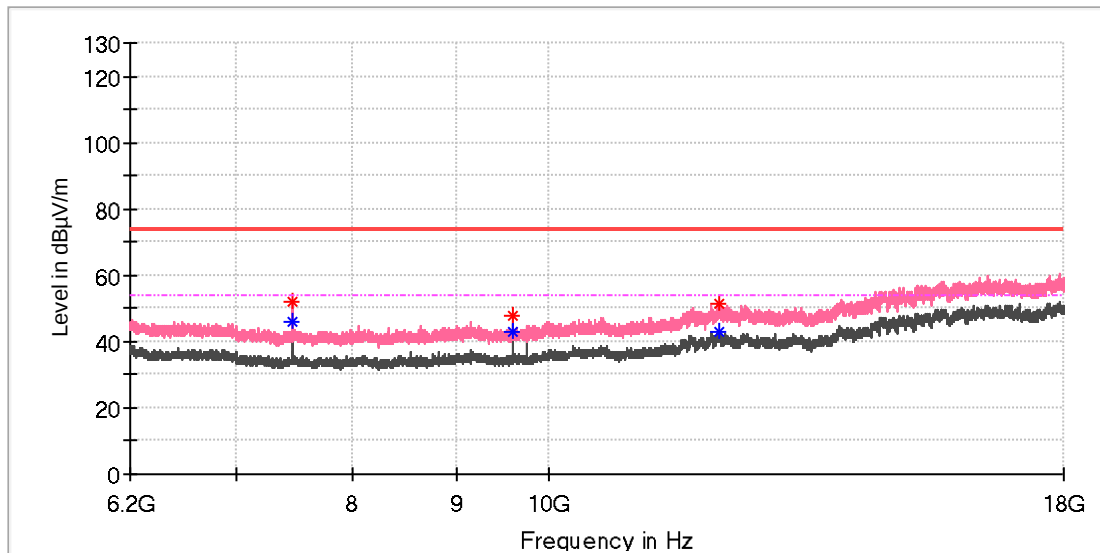
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	51.59	---	74.00	22.41	150.0	H	211.0	8.6
7466.041667	---	44.71	54.00	9.29	150.0	H	201.0	8.6
9598.400000	45.60	---	74.00	28.40	150.0	H	211.0	10.4
9598.400000	---	39.26	54.00	14.74	150.0	H	211.0	10.4
12147.200000	51.10	---	74.00	22.90	150.0	H	189.0	16.7
12153.100000	---	42.77	54.00	11.23	150.0	H	132.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

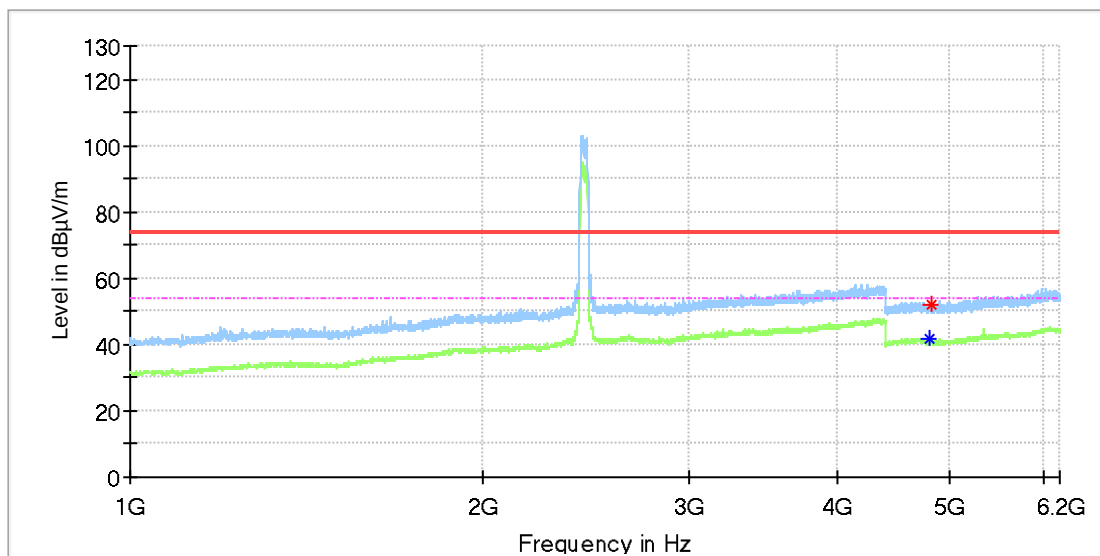
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	51.83	---	74.00	22.17	150.0	V	139.0	8.6
7466.041667	---	45.88	54.00	8.12	150.0	V	139.0	8.6
9598.891667	47.98	---	74.00	26.02	150.0	V	195.0	10.4
9598.891667	---	42.82	54.00	11.18	150.0	V	195.0	10.4
12133.433333	51.56	---	74.00	22.44	150.0	V	160.0	16.3
12141.300000	---	43.18	54.00	10.82	150.0	V	73.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

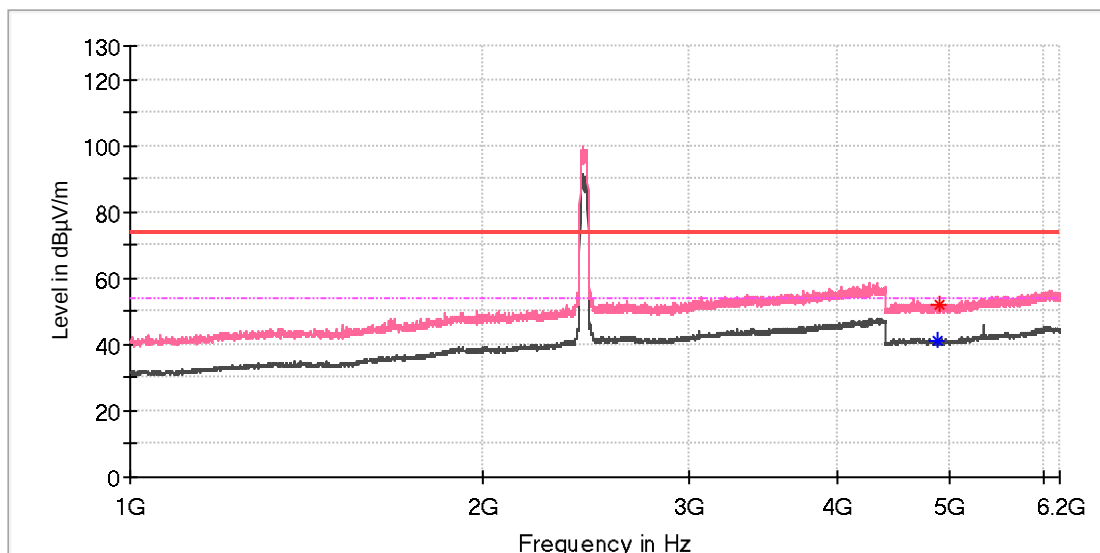
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	41.67	54.00	12.33	150.0	H	146.0	13.3
4811.500000	52.27	---	74.00	21.73	150.0	H	132.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

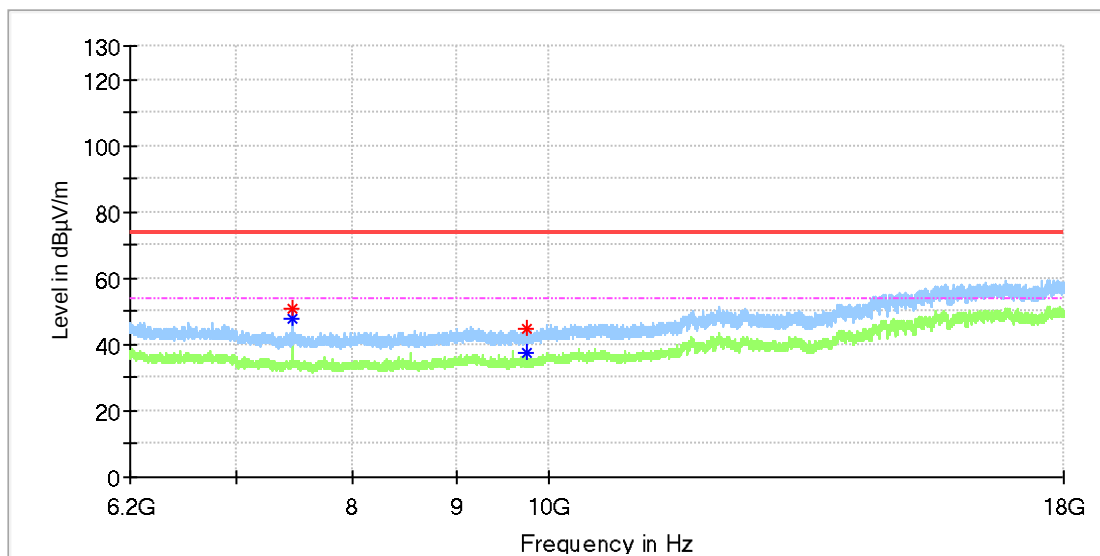
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4883.500000	---	41.09	54.00	12.91	150.0	V	268.0	13.3
4902.500000	52.29	---	74.00	21.71	150.0	V	208.0	13.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

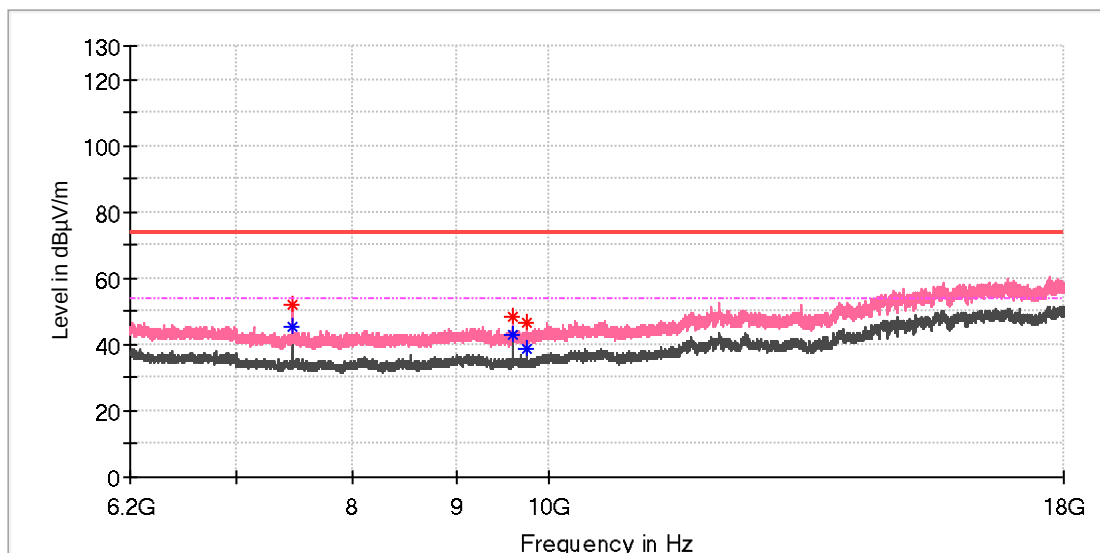
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	---	47.73	54.00	6.27	150.0	H	216.0	8.6
7465.058333	50.99	---	74.00	23.01	150.0	H	216.0	8.6
9747.866667	---	37.64	54.00	16.36	150.0	H	57.0	10.4
9759.175000	44.54	---	74.00	29.46	150.0	H	105.0	10.4

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518349/A003895735-004
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)
7465.058333	51.97	---	74.00	22.03	150.0	V	141.0	8.6
7466.041667	---	45.36	54.00	8.64	150.0	V	164.0	8.6
9598.400000	48.21	---	74.00	25.79	150.0	V	185.0	10.4
9598.891667	---	43.14	54.00	10.86	150.0	V	195.0	10.4
9747.866667	---	38.79	54.00	15.21	150.0	V	185.0	10.4
9748.358333	46.61	---	74.00	27.39	150.0	V	174.0	10.4

Final_Result

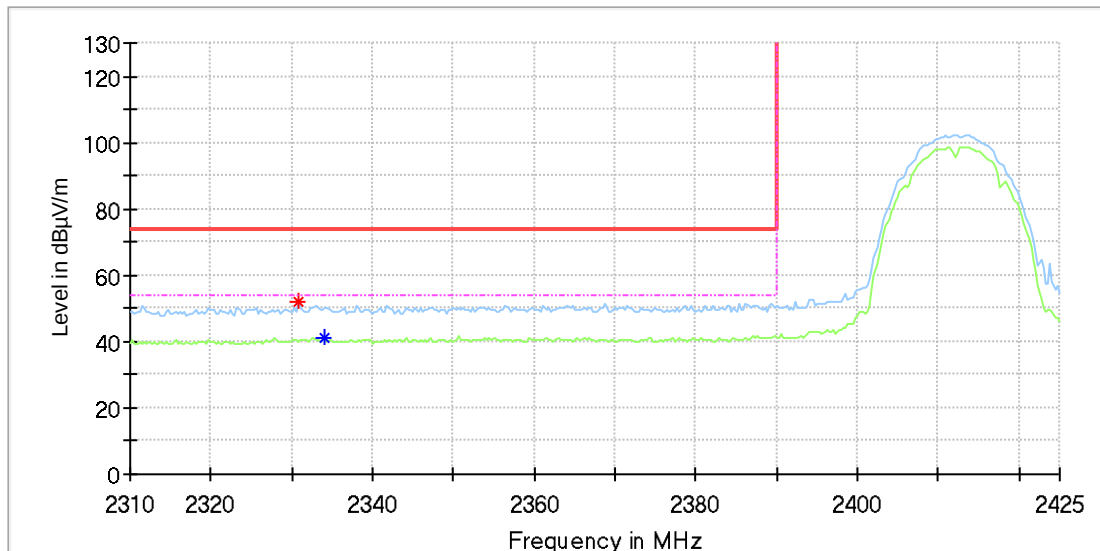
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

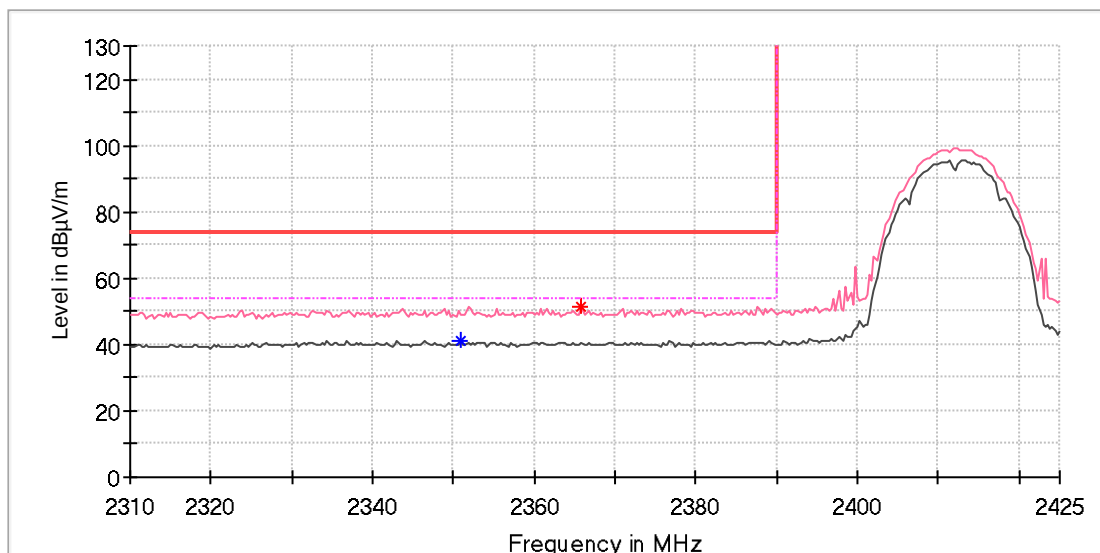
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2330.882353	51.96	---	74.00	22.04	150.0	H	84.0	8.3
2334.117647	---	41.19	54.00	12.81	150.0	H	126.0	8.3

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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

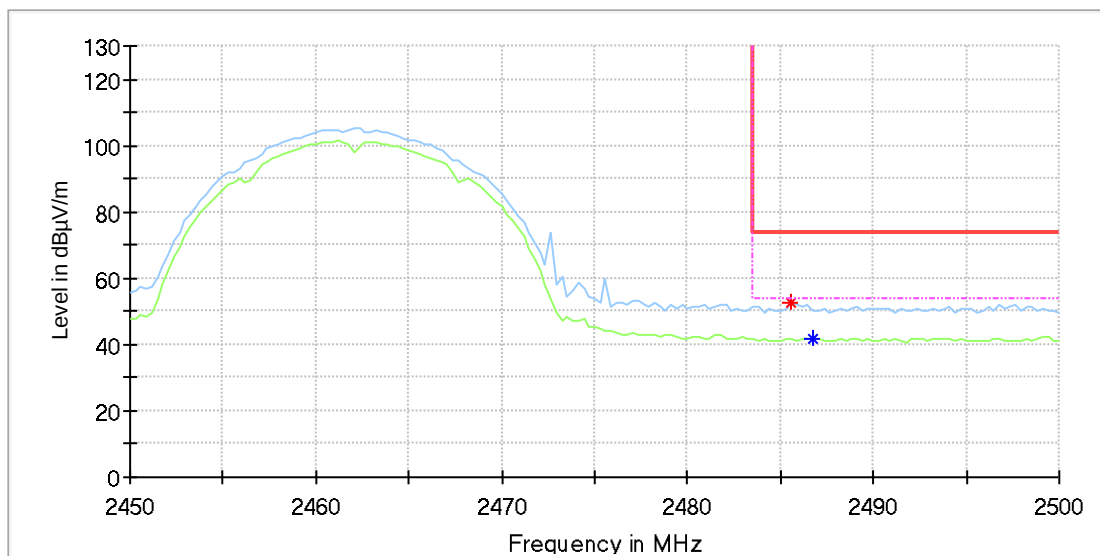
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.882353	---	41.02	54.00	12.98	150.0	V	330.0	8.5
2365.882353	51.56	---	74.00	22.44	150.0	V	213.0	8.5

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

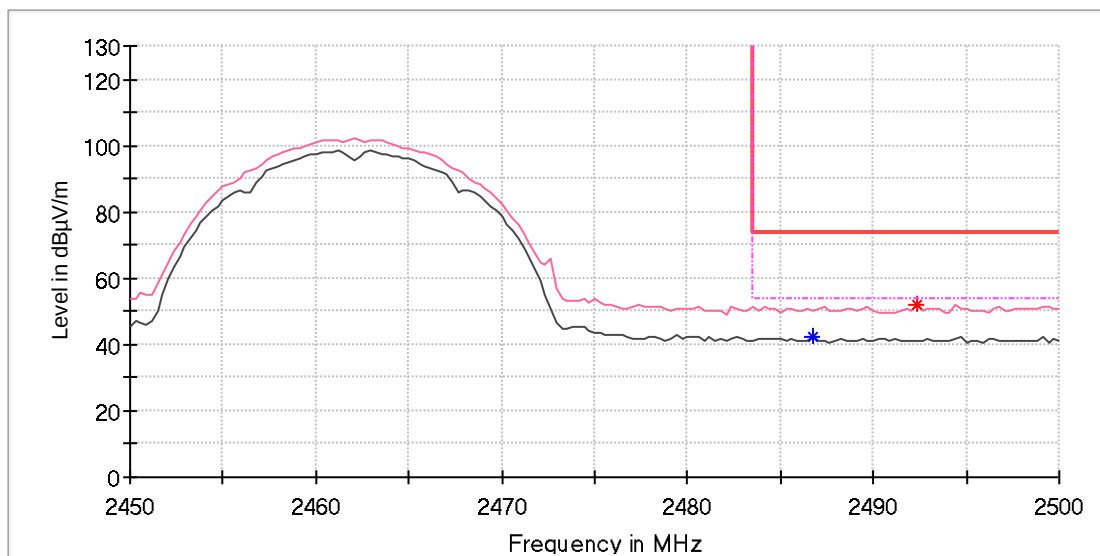
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	52.57	---	74.00	21.43	150.0	H	120.0	9.0
2486.764706	---	41.97	54.00	12.03	150.0	H	285.0	9.0

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: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518349/A003895735-004
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)
2486.764706	---	42.27	54.00	11.73	150.0	V	221.0	9.0
2492.352941	52.18	---	74.00	21.82	150.0	V	10.0	9.0

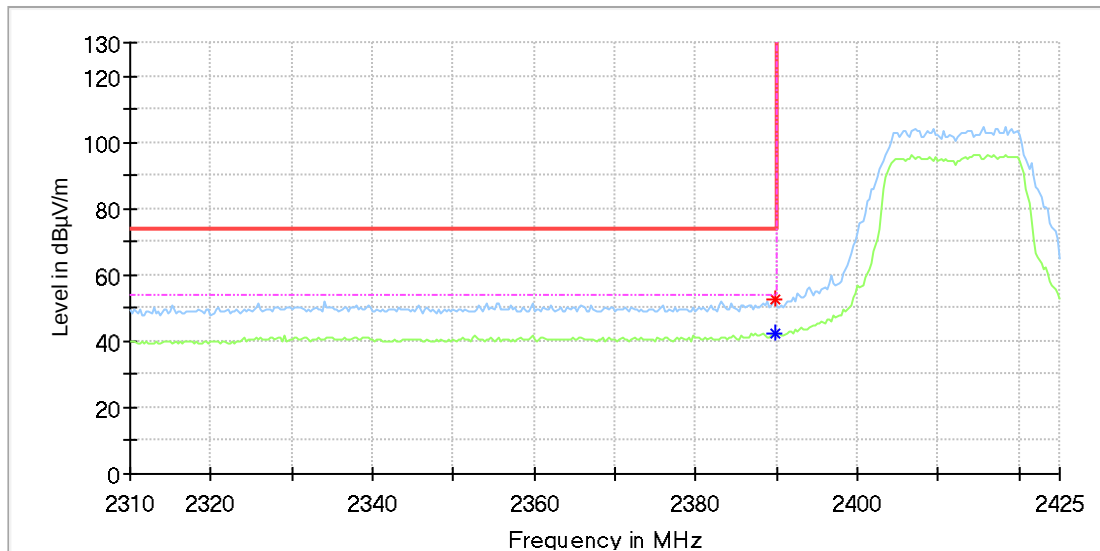
Final_Result

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

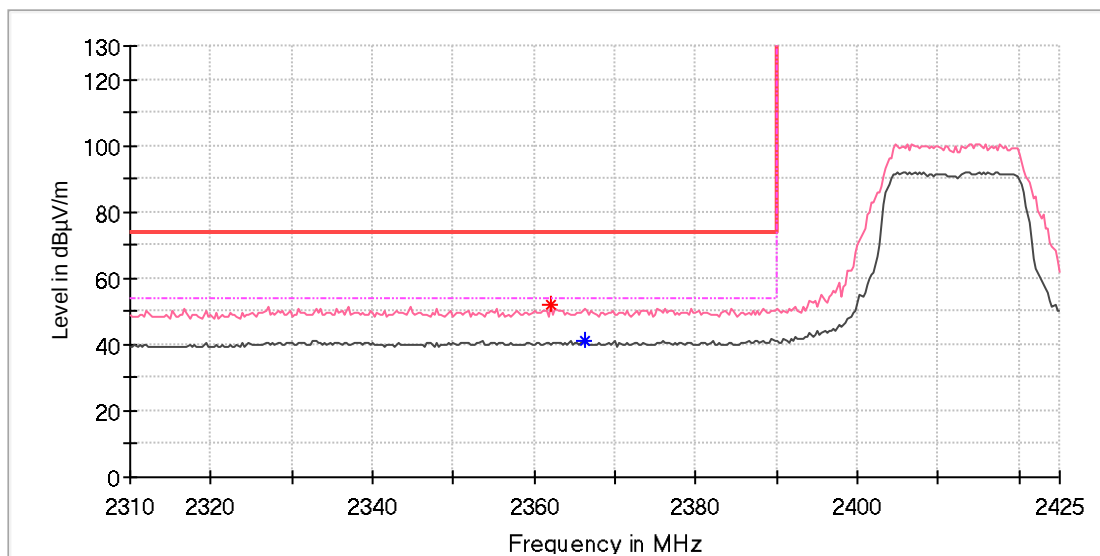
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	52.53	---	74.00	21.47	150.0	H	56.0	8.5
2389.705882	---	42.18	54.00	11.82	150.0	H	56.0	8.5

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: RRW0PEP
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

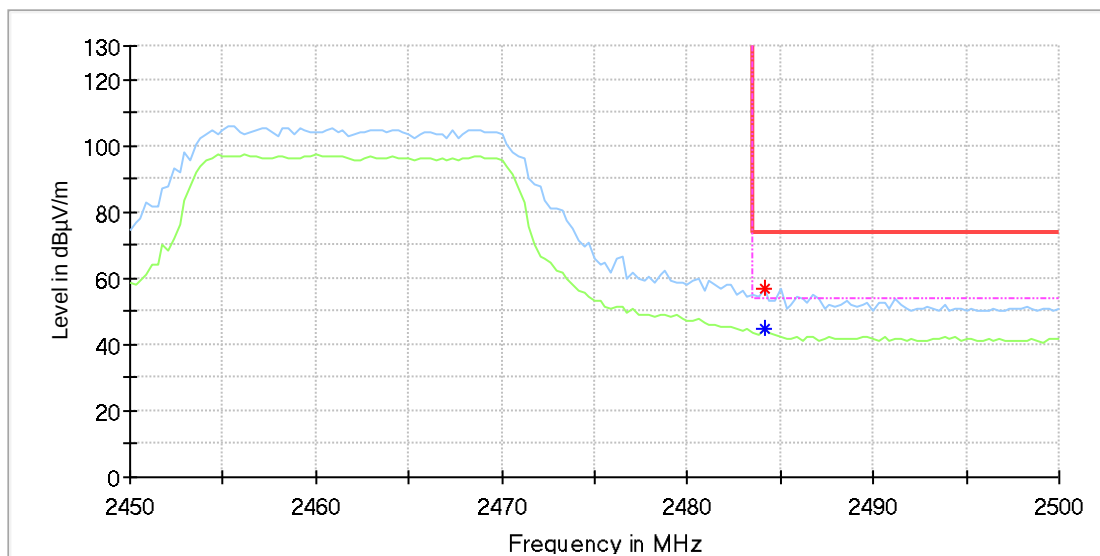
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.058824	51.73	---	74.00	22.27	150.0	V	263.0	8.5
2366.176471	---	41.23	54.00	12.77	150.0	V	121.0	8.5

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: RRW0PEP
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

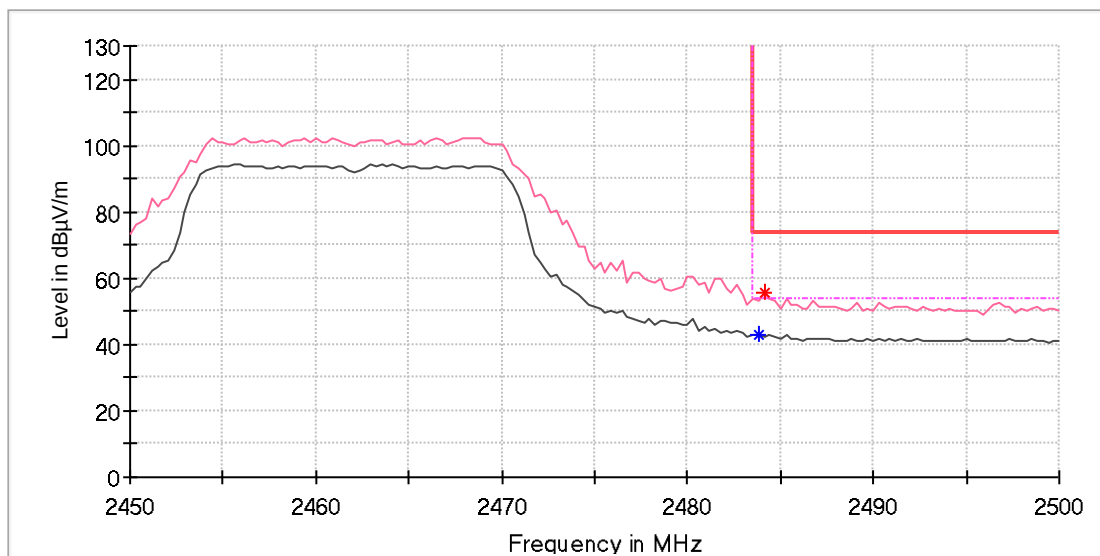
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	44.96	54.00	9.04	150.0	H	126.0	9.0
2484.117647	57.05	---	74.00	16.95	150.0	H	126.0	9.0

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168518349/A003895735-004
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	---	42.96	54.00	11.04	150.0	V	340.0	9.0
2484.117647	55.86	---	74.00	18.14	150.0	V	346.0	9.0

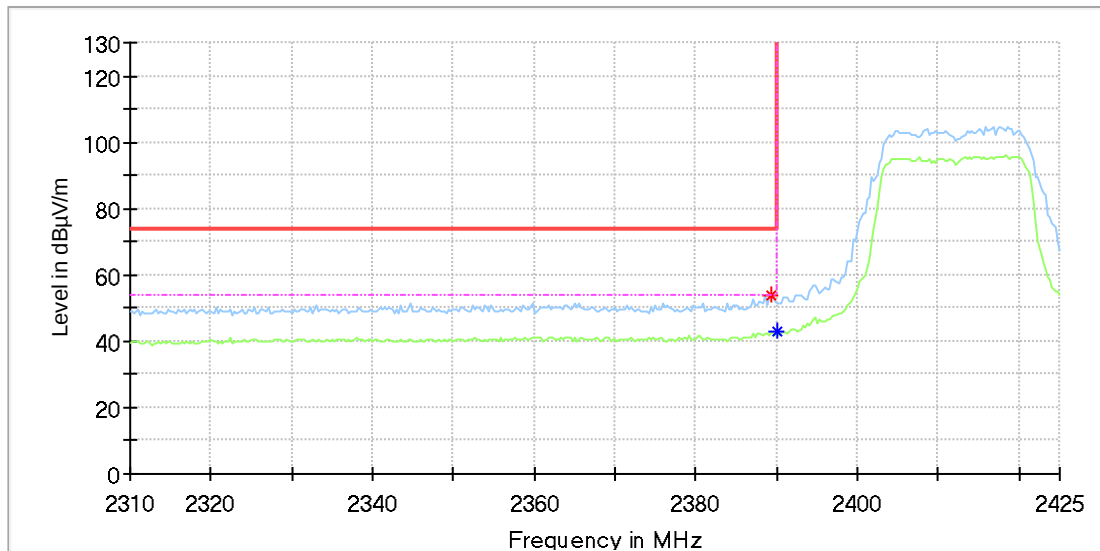
Final_Result

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

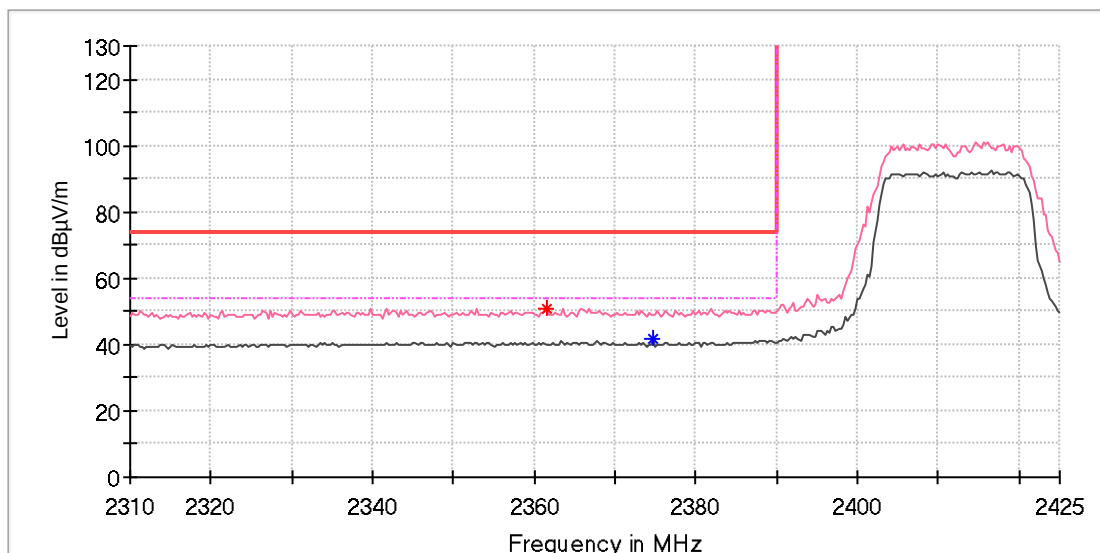
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	53.59	---	74.00	20.41	150.0	H	137.0	8.5
2390.000000	---	42.86	54.00	11.14	150.0	H	102.0	8.5

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

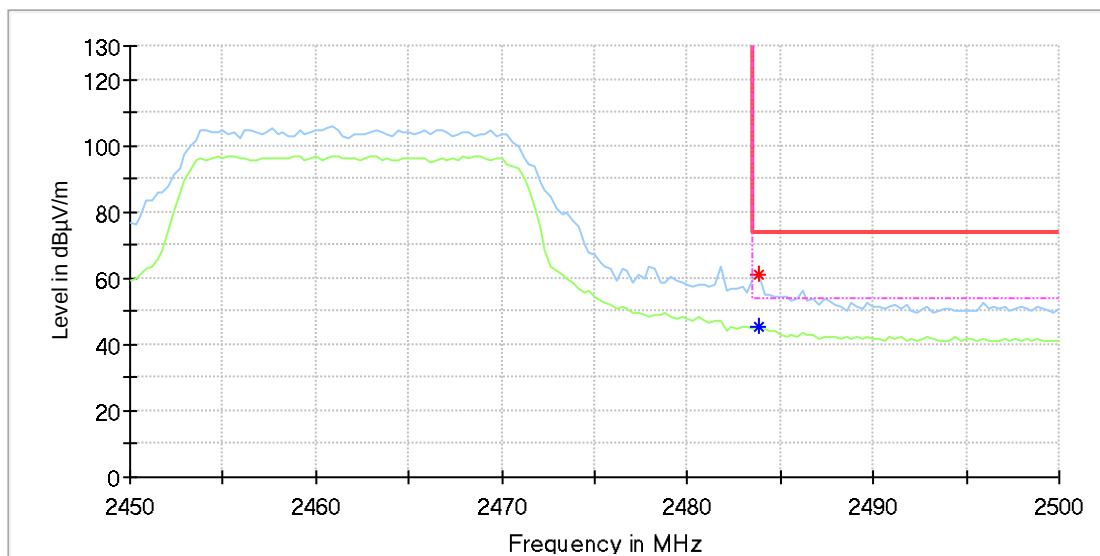
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.470588	51.05	---	74.00	22.95	150.0	V	35.0	8.5
2374.705882	---	41.67	54.00	12.33	150.0	V	235.0	8.5

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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

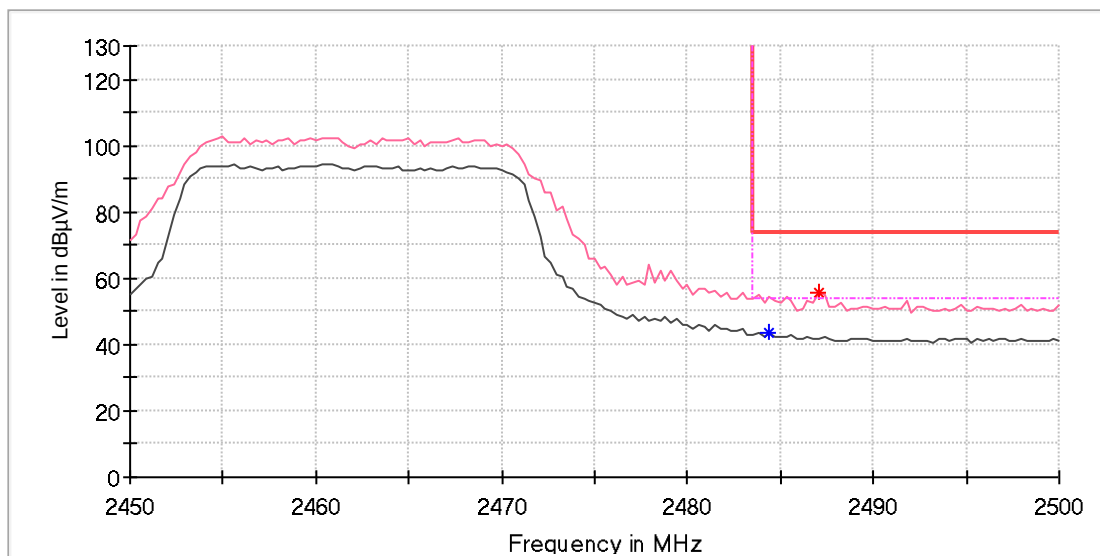
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	45.18	54.00	8.82	150.0	H	127.0	9.0
2483.823529	60.81	---	74.00	13.19	150.0	H	127.0	9.0

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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168518349/A003895735-004
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)
2484.411765	---	43.77	54.00	10.23	150.0	V	346.0	9.0
2487.058824	55.62	---	74.00	18.38	150.0	V	171.0	9.0

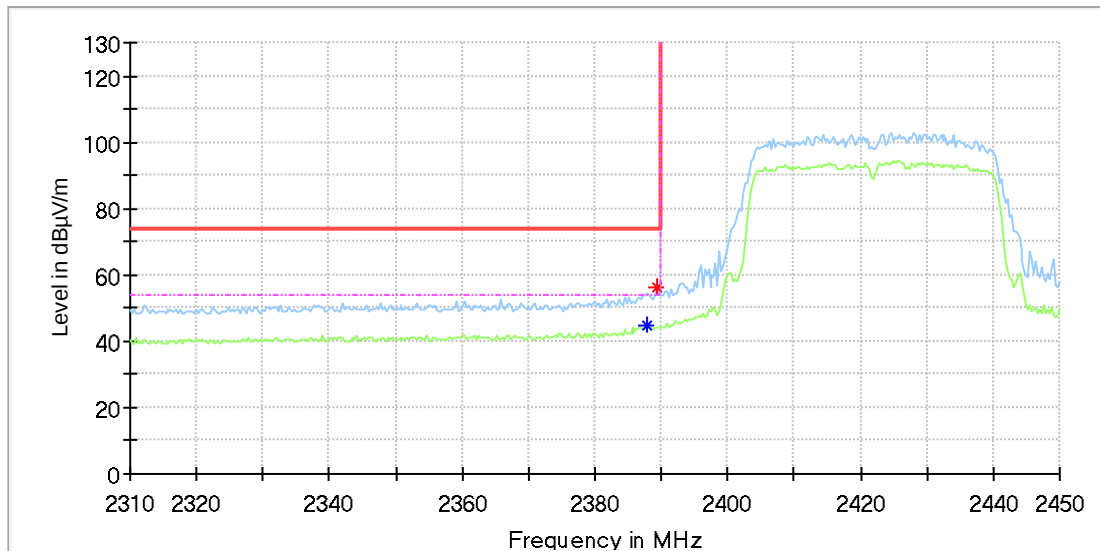
Final_Result

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:	RRW0PEP
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168518349/A003895735-004
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

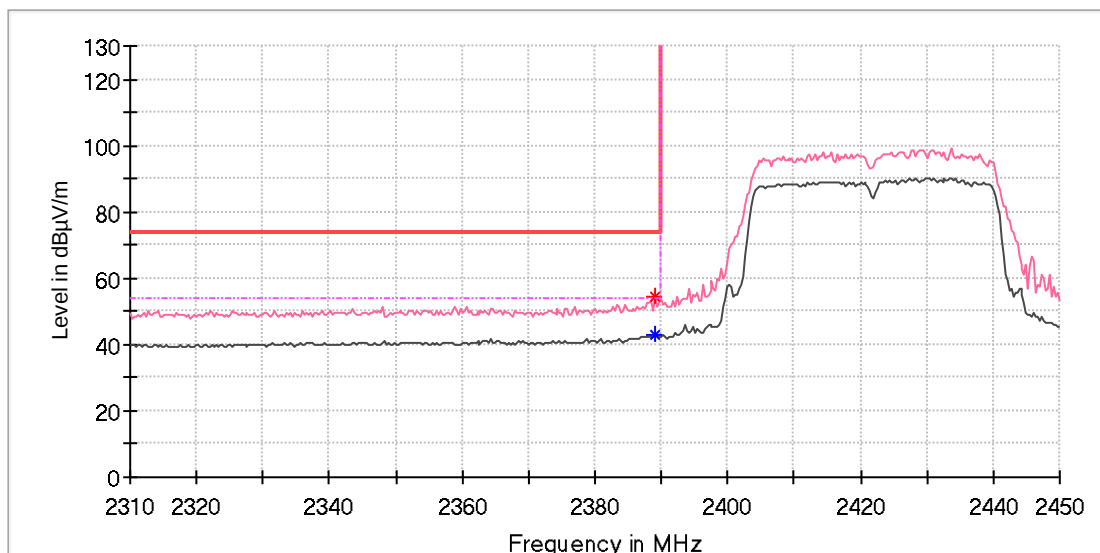
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	---	44.76	54.00	9.24	150.0	H	128.0	8.5
2389.411765	56.44	---	74.00	17.56	150.0	H	120.0	8.5

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

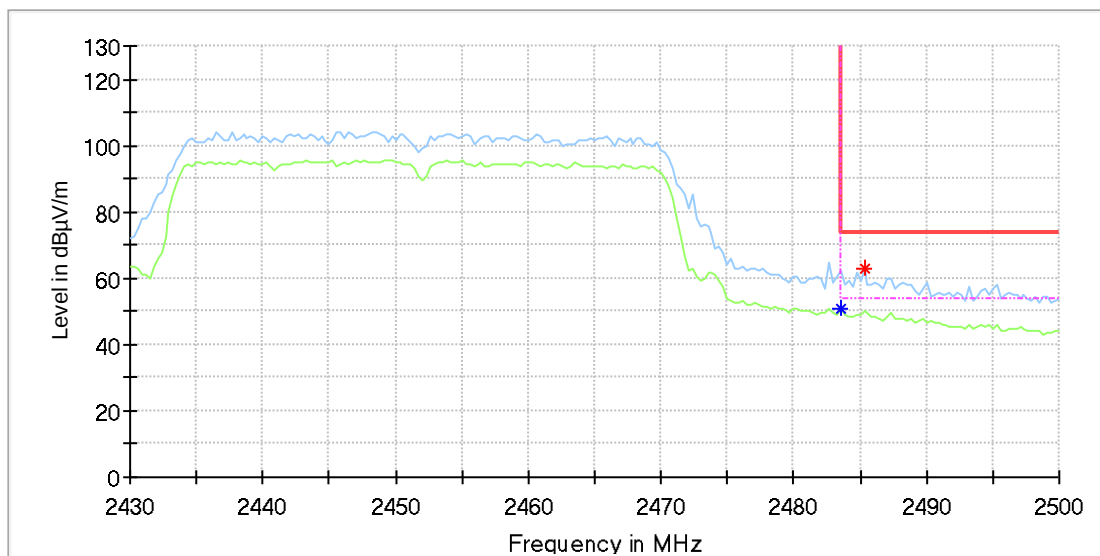
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	54.32	---	74.00	19.68	150.0	V	218.0	8.5
2389.117647	---	43.11	54.00	10.89	150.0	V	218.0	8.5

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168518349/A003895735-004
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

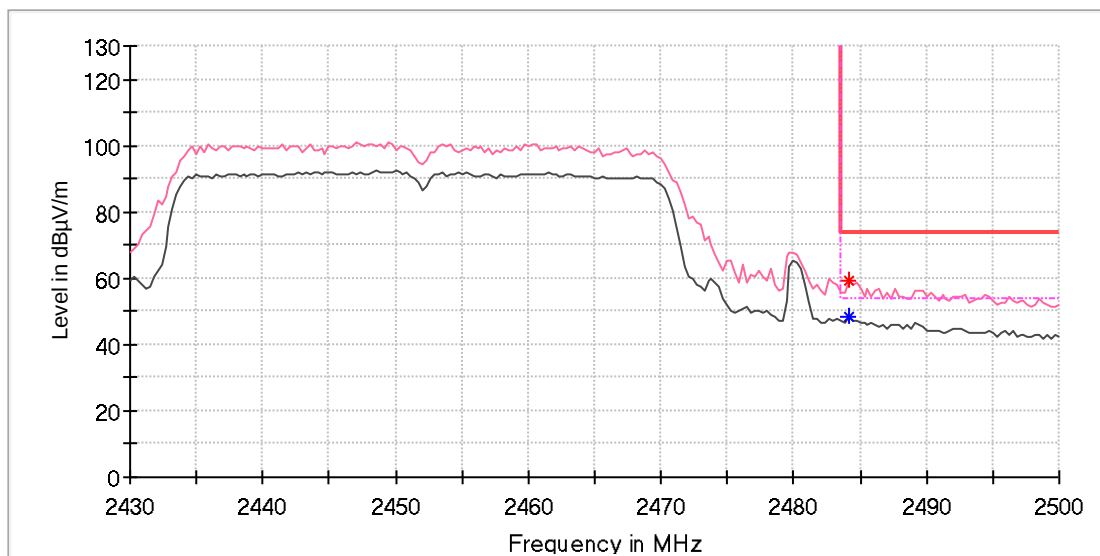
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	50.82	54.00	3.18	150.0	H	116.0	9.0
2485.294118	62.83	---	74.00	11.17	150.0	H	130.0	9.0

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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168518349/A003895735-004
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)
2484.117647	59.01	---	74.00	14.99	150.0	V	345.0	9.0
2484.117647	---	48.53	54.00	5.47	150.0	V	345.0	9.0

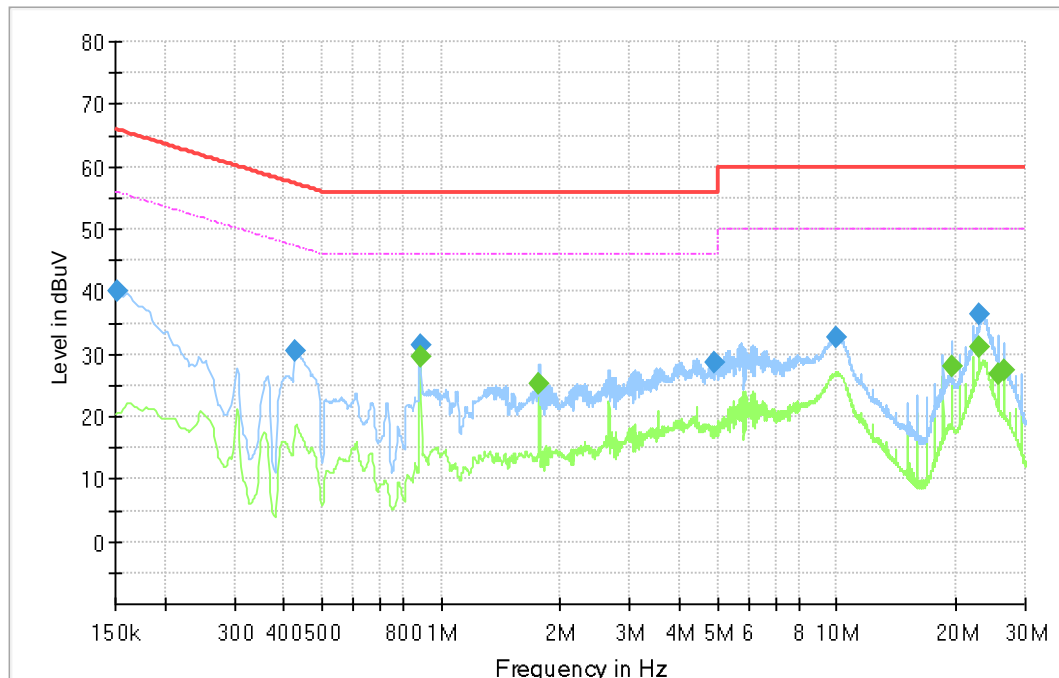
Final_Result

Frequency (MHz)	MaxPeak (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 Conducted Emission on AC Mains

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRW0PEP
Test Mode: On, Charging and Wi-Fi Link
Order No/Sample No: A003888467-001~004
Test Voltage: AC 120V 60Hz
Remark: Temp 24.2 Humi:54.7%
Test Standard: FCC Part 15.207(a), RSS-Gen Clause 8.8
Tested By: Yicheng Chen

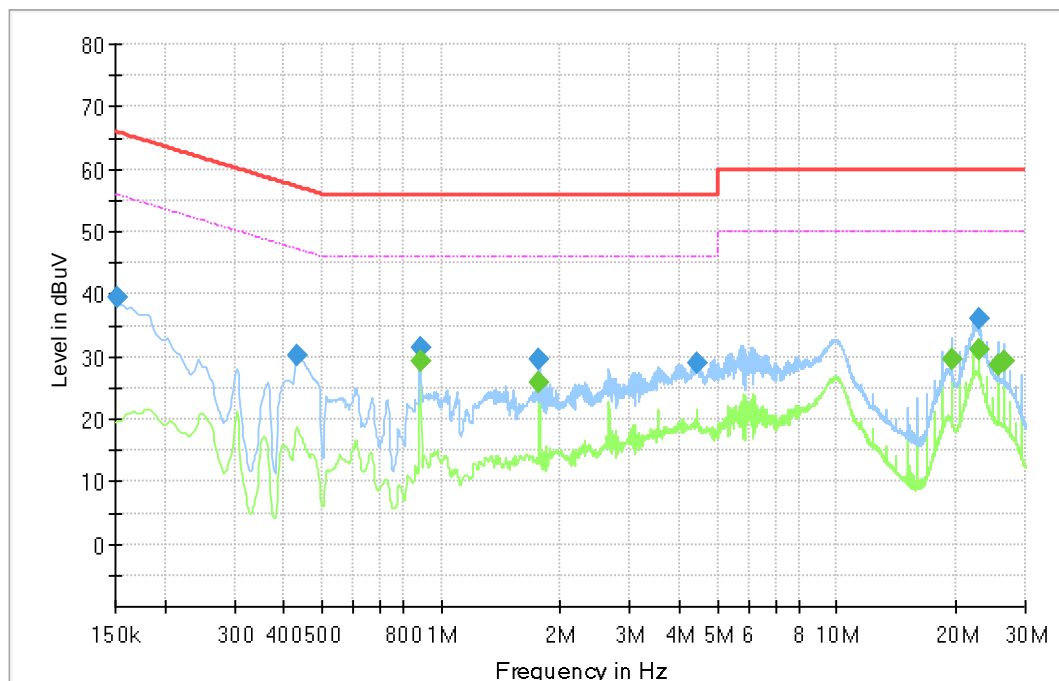


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152250	40.04	---	65.88	25.84	1000.0	9.000	L1	10.3
0.429000	30.45	---	57.27	26.82	1000.0	9.000	L1	10.3
0.885750	---	29.66	46.00	16.34	1000.0	9.000	L1	10.6
0.885750	31.49	---	56.00	24.51	1000.0	9.000	L1	10.6
1.770000	---	25.35	46.00	20.65	1000.0	9.000	L1	10.2
4.897500	28.74	---	56.00	27.26	1000.0	9.000	L1	10.3
9.930750	32.60	---	60.00	27.40	1000.0	9.000	L1	10.8
19.479750	---	28.04	50.00	21.96	1000.0	9.000	L1	11.1
23.021250	---	31.05	50.00	18.95	1000.0	9.000	L1	11.1
23.021250	36.37	---	60.00	23.63	1000.0	9.000	L1	11.1
25.678500	---	26.75	50.00	23.25	1000.0	9.000	L1	11.2
26.562750	---	27.31	50.00	22.69	1000.0	9.000	L1	11.2

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRW0PEP
Test Mode: On, Charging and Wi-Fi Link
Order No/Sample No: A003888467-001~004
Test Voltage: AC 120V 60Hz
Remark: Temp 24.2 Humi:54.7%
Test Standard: FCC Part 15.207(a), RSS-Gen Clause 8.8
Tested By: Yicheng Chen



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152250	39.49	---	65.88	26.38	1000.0	9.000	N	10.2
0.431250	30.35	---	57.23	26.88	1000.0	9.000	N	10.3
0.885750	---	29.36	46.00	16.64	1000.0	9.000	N	10.4
0.885750	31.32	---	56.00	24.68	1000.0	9.000	N	10.4
1.770000	---	25.79	46.00	20.21	1000.0	9.000	N	10.5
1.770000	29.58	---	56.00	26.42	1000.0	9.000	N	10.5
4.427250	29.12	---	56.00	26.88	1000.0	9.000	N	10.7
19.477500	---	29.64	50.00	20.36	1000.0	9.000	N	11.2
23.019000	---	31.17	50.00	18.83	1000.0	9.000	N	11.4
23.019000	35.97	---	60.00	24.03	1000.0	9.000	N	11.4
25.674000	---	28.75	50.00	21.25	1000.0	9.000	N	11.6
26.560500	---	29.20	50.00	20.80	1000.0	9.000	N	11.6