

Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.56	8.56	---	PASS
			30~1000	8.56	-40.02	≤-11.44	PASS
			1000~26500	8.56	-32.57	≤-11.44	PASS
		2437	Reference	7.04	7.04	---	PASS
			30~1000	7.04	-41.7	≤-12.96	PASS
			1000~26500	7.04	-32.76	≤-12.96	PASS
		2462	Reference	6.40	6.40	---	PASS
			30~1000	6.40	-41.45	≤-13.6	PASS
			1000~26500	6.40	-32.49	≤-13.6	PASS
11G	Ant1	2412	Reference	1.15	1.15	---	PASS
			30~1000	1.15	-41.44	≤-18.85	PASS
			1000~26500	1.15	-32.52	≤-18.85	PASS
		2437	Reference	0.49	0.49	---	PASS
			30~1000	0.49	-42.31	≤-19.51	PASS
			1000~26500	0.49	-32.84	≤-19.51	PASS
		2462	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-41.84	≤-18.88	PASS
			1000~26500	1.12	-33.07	≤-18.88	PASS
11N20SISO	Ant1	2412	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-42.1	≤-18.05	PASS
			1000~26500	1.95	-32.7	≤-18.05	PASS
		2437	Reference	3.33	3.33	---	PASS
			30~1000	3.33	-42.23	≤-16.67	PASS
			1000~26500	3.33	-32.07	≤-16.67	PASS
		2462	Reference	2.61	2.61	---	PASS
			30~1000	2.61	-41.29	≤-17.39	PASS
			1000~26500	2.61	-32.83	≤-17.39	PASS
11N40SISO	Ant1	2422	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-41.82	≤-18.65	PASS
			1000~26500	1.35	-32.46	≤-18.65	PASS
		2437	Reference	-0.72	-0.72	---	PASS
			30~1000	-0.72	-41.31	≤-20.72	PASS
			1000~26500	-0.72	-32.05	≤-20.72	PASS
		2452	Reference	1.27	1.27	---	PASS
			30~1000	1.27	-41.59	≤-18.73	PASS
			1000~26500	1.27	-32.97	≤-18.73	PASS

11B_Ant1_2412_0-Reference



11B_Ant1_2412_30-1000



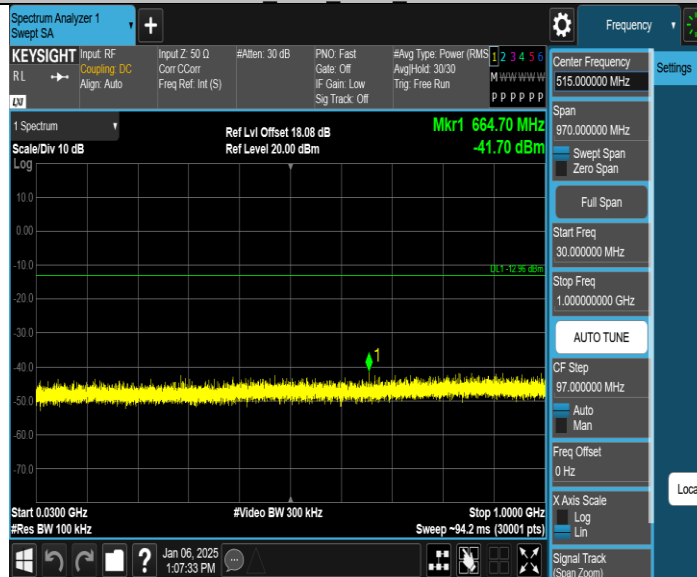
11B_Ant1_2412_1000-26500



11B_Ant1_2437_0-Reference



11B_Ant1_2437_30-1000



11B_Ant1_2437_1000-26500



11B_Ant1_2462_0-Reference



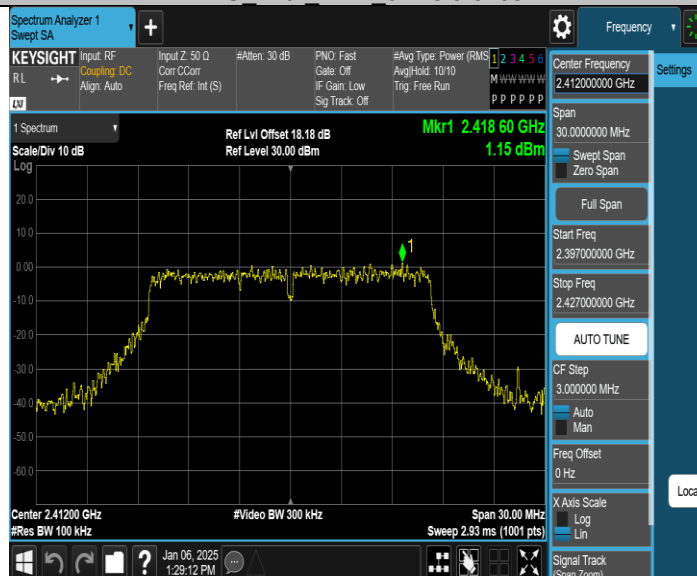
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11B_Ant1_2462_1000-26500



11G Ant1 2412 0-Reference



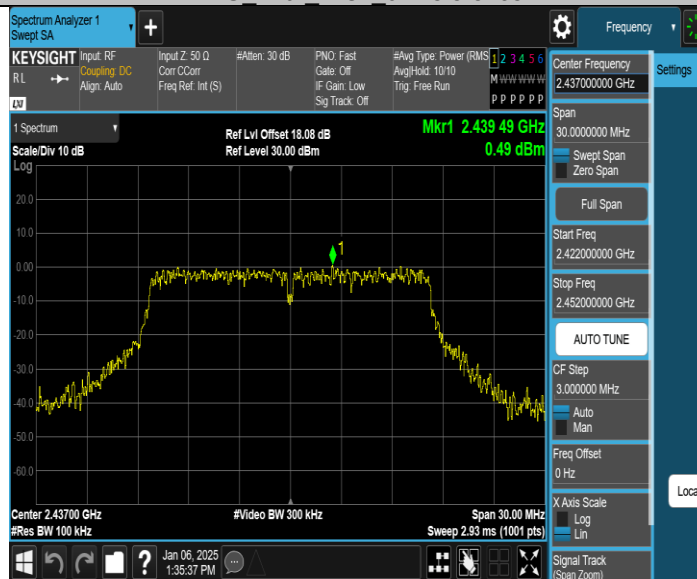
11G Ant1 2412 30-1000



11G Ant1 2412 1000-26500



11G Ant1 2437 0-Reference



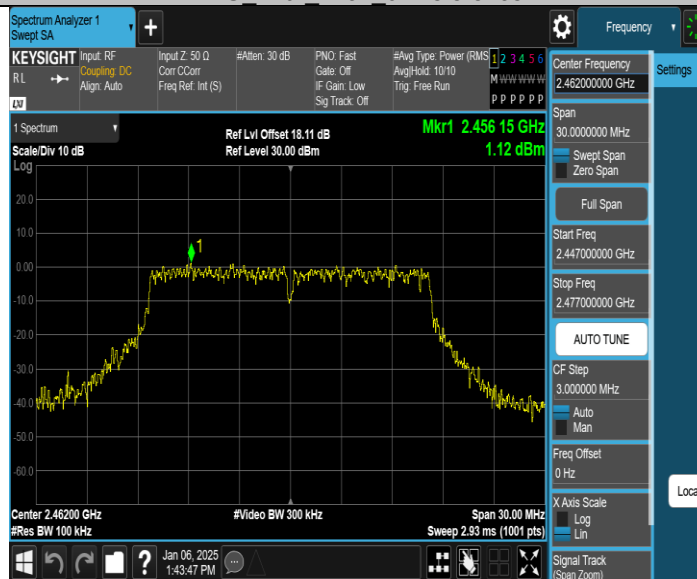
11G Ant1 2437 30-1000



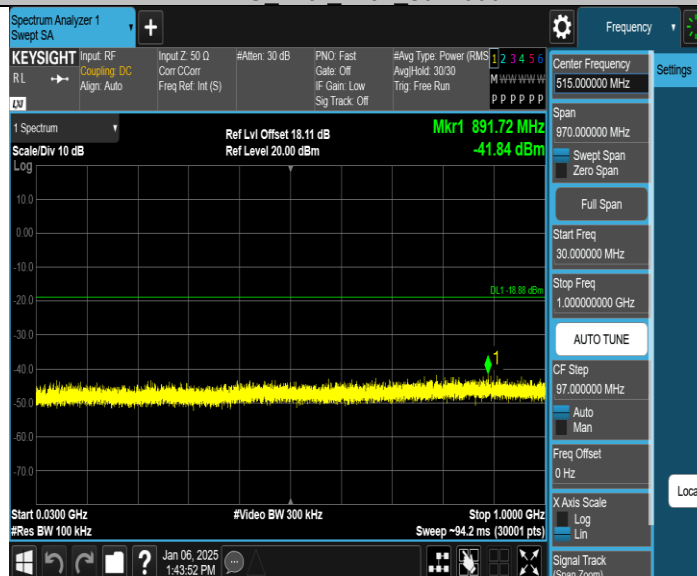
11G Ant1 2437 1000-26500



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



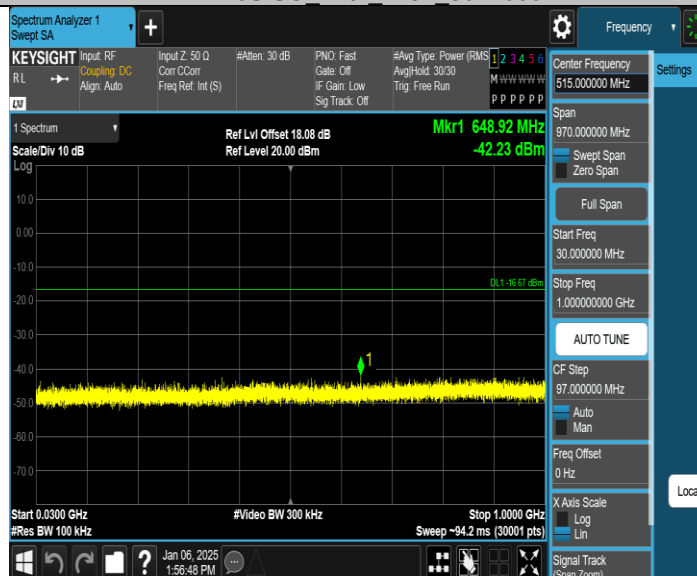
11N20SISO Ant1 2412 1000~26500



11N20SISO Ant1 2437 0~Reference



11N20SISO Ant1 2437 30~1000



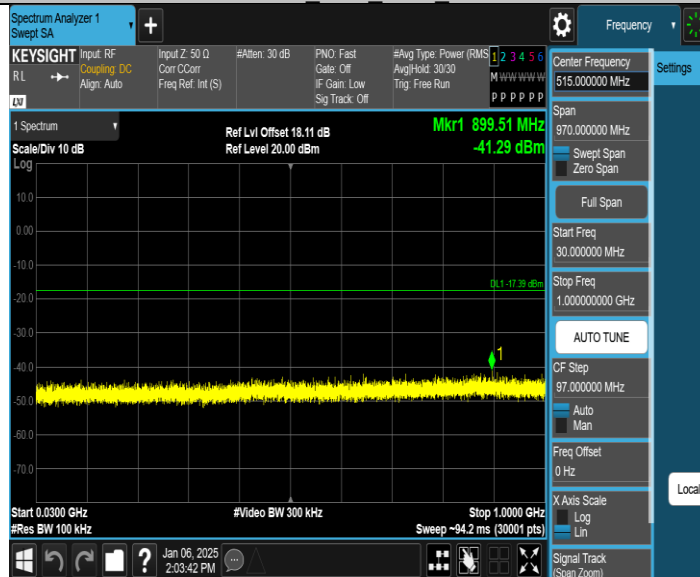
11N20SISO Ant1 2437 1000~26500



11N20SISO Ant1 2462 0-Reference



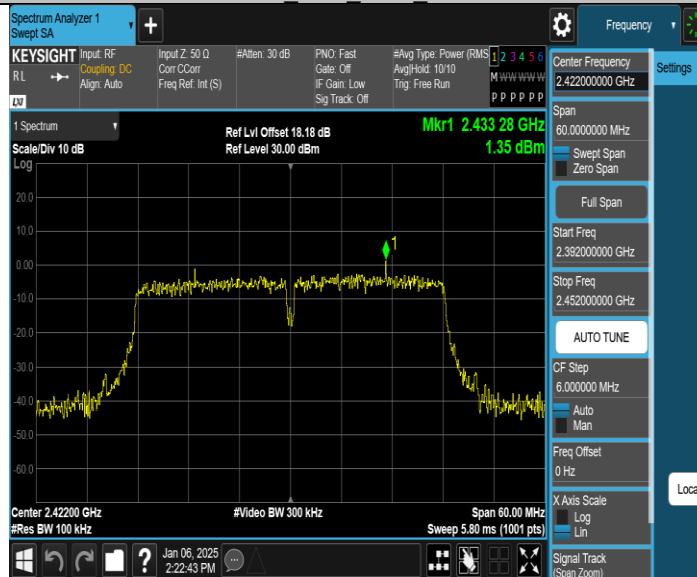
11N20SISO Ant1 2462 30-1000



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



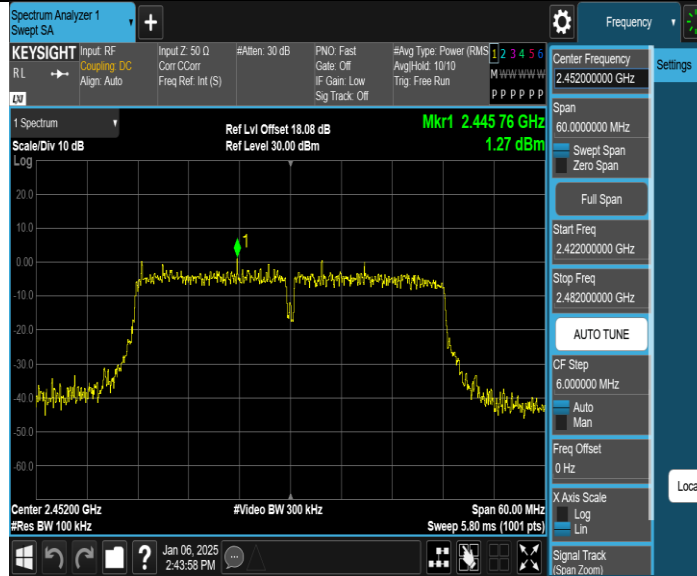
11N40SISO Ant1 2437 30~1000



11N40SISO Ant1 2437 1000~26500



11N40SISO Ant1 2452 0~Reference



11N40SISO Ant1 2452 30~1000



11N40SISO Ant1 2452 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

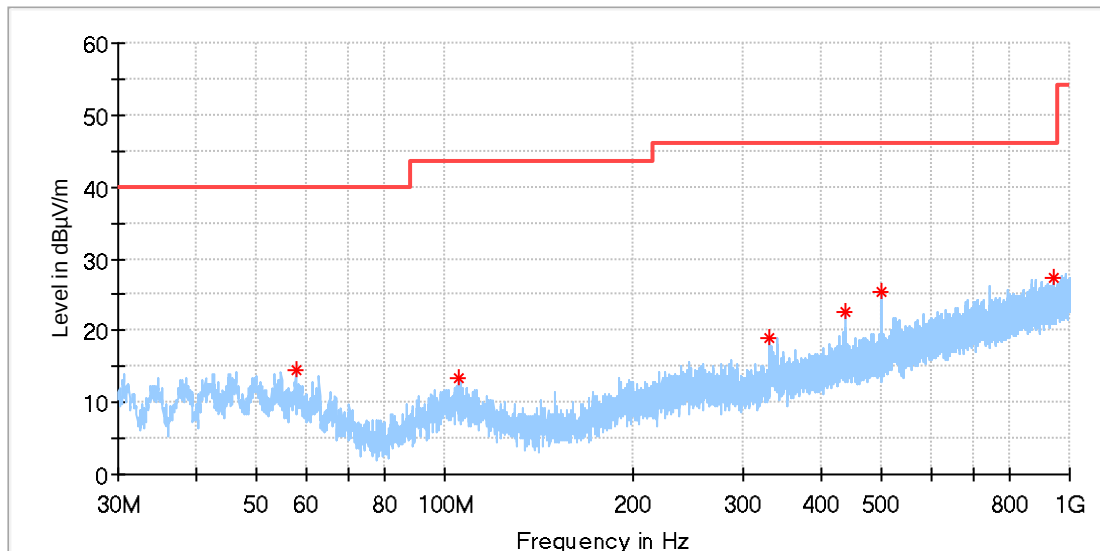
Note:

- 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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

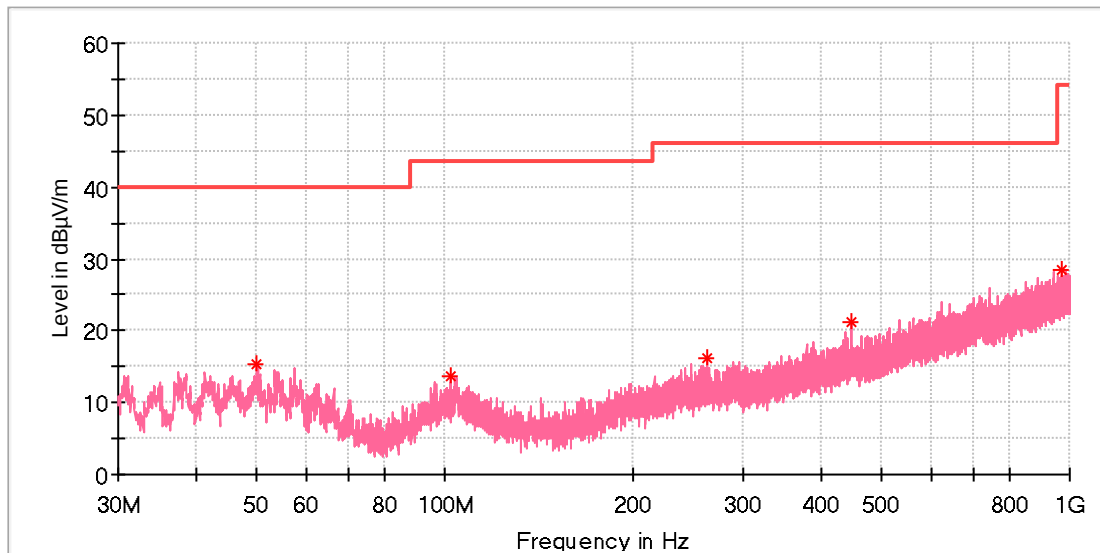
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.719615	14.64	40.00	25.36	100.0	H	42.0	-18.8
105.175000	13.48	43.50	30.02	100.0	H	334.0	-18.9
331.408846	19.02	46.00	26.98	100.0	H	254.0	-15.3
438.258077	22.74	46.00	23.26	100.0	H	310.0	-13.0
500.002308	25.27	46.00	20.73	100.0	H	0.0	-11.9
940.606154	27.28	46.00	18.72	100.0	H	170.0	-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:	RRW0PEP
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168518349/A003895735-003
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)
50.108846	15.33	40.00	24.67	100.0	V	327.0	-18.4
101.854615	13.61	43.50	29.89	100.0	V	30.0	-19.0
263.471539	16.12	46.00	29.88	100.0	V	213.0	-17.1
448.219231	21.08	46.00	24.92	100.0	V	92.0	-12.8
967.990000	28.51	54.00	25.49	100.0	V	57.0	-4.0

Final Result

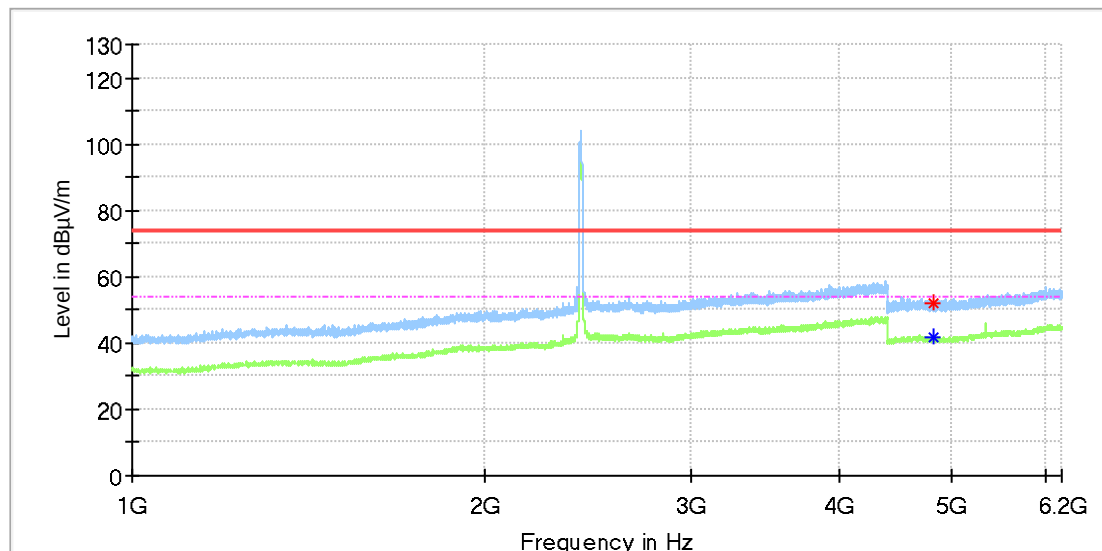
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

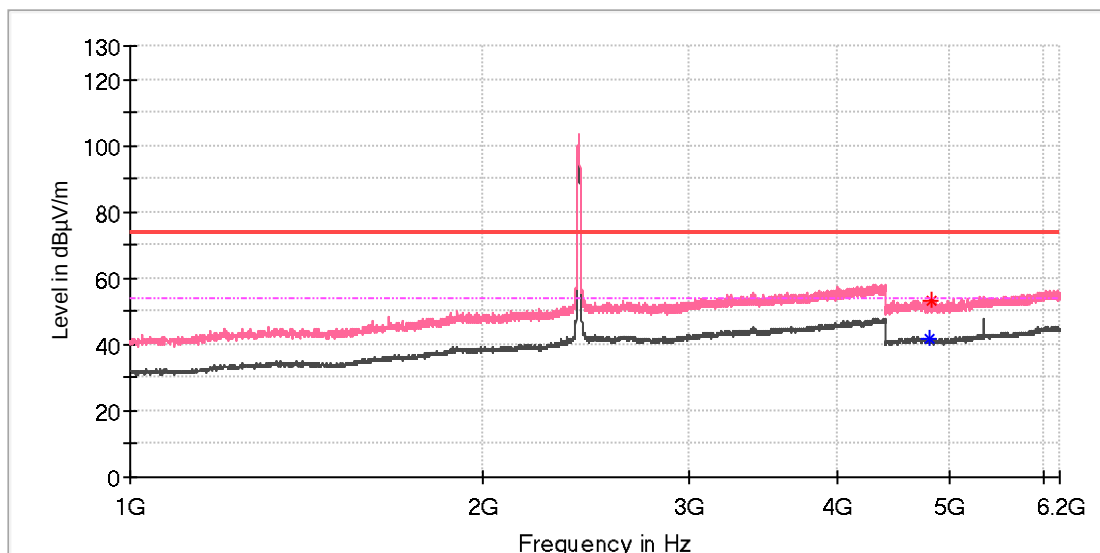
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4816.000000	---	41.51	54.00	12.49	150.0	H	29.0	13.3
4823.000000	52.21	---	74.00	21.79	150.0	H	301.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

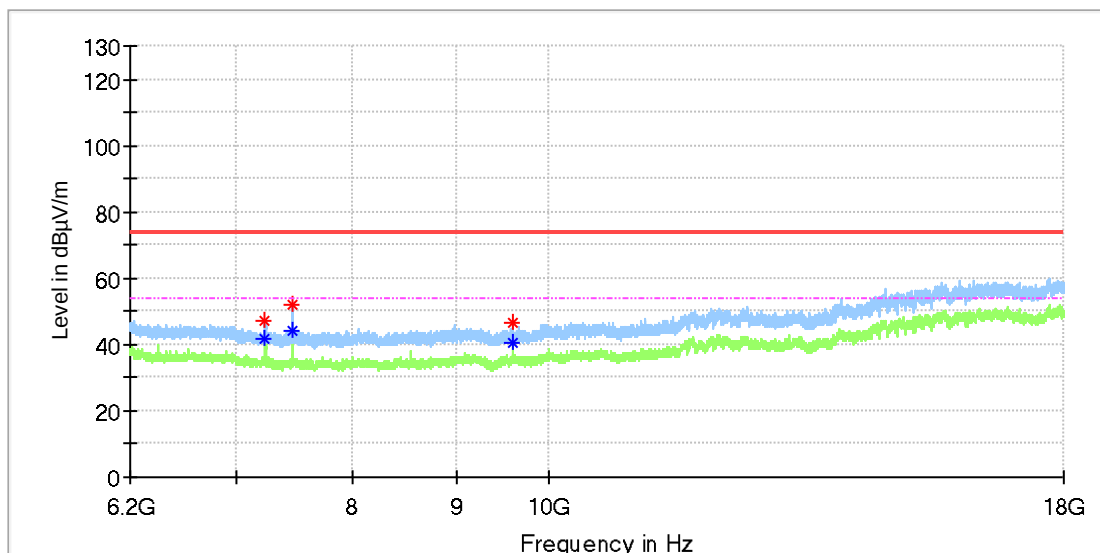
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.000000	---	41.64	54.00	12.36	150.0	V	131.0	13.3
4813.000000	53.14	---	74.00	20.86	150.0	V	168.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
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Critical_Freqs

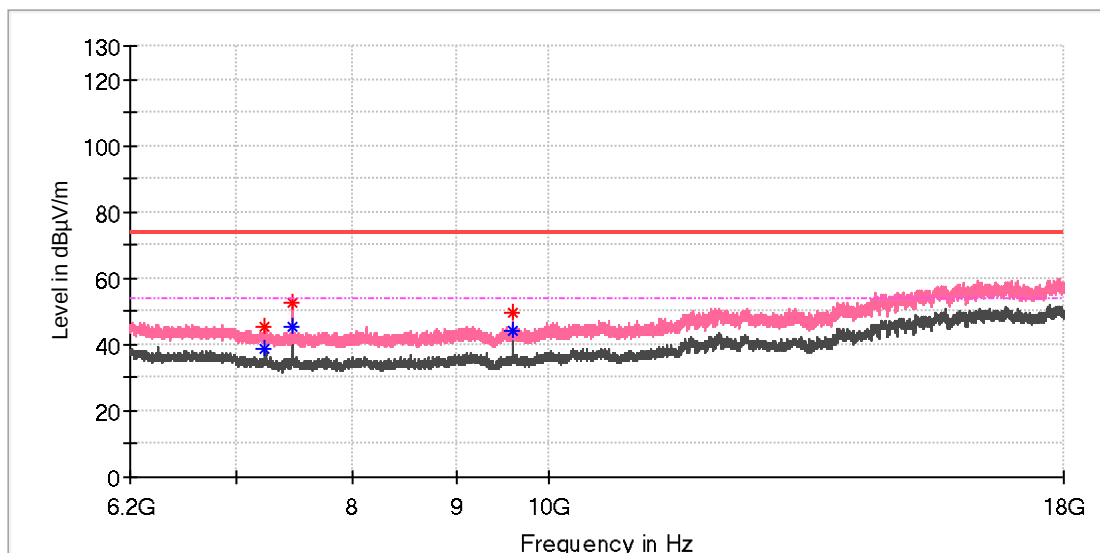
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.466667	47.08	---	74.00	26.92	150.0	H	71.0	8.6
7234.958333	---	41.88	54.00	12.12	150.0	H	71.0	8.6
7464.566667	---	44.19	54.00	9.81	150.0	H	49.0	8.6
7465.550000	51.91	---	74.00	22.09	150.0	H	49.0	8.6
9598.400000	---	40.66	54.00	13.34	150.0	H	38.0	10.4
9598.891667	46.56	---	74.00	27.44	150.0	H	38.0	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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EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

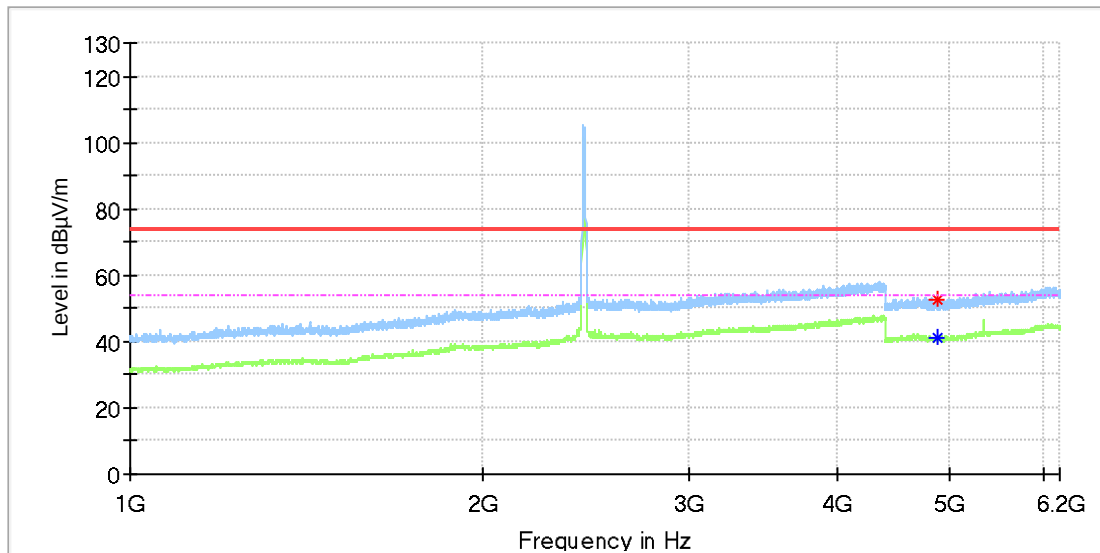
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7233.975000	45.07	---	74.00	28.93	150.0	V	351.0	8.6
7234.466667	---	38.73	54.00	15.27	150.0	V	0.0	8.6
7464.566667	---	45.14	54.00	8.86	150.0	V	296.0	8.6
7465.550000	52.66	---	74.00	21.34	150.0	V	296.0	8.6
9598.891667	49.36	---	74.00	24.64	150.0	V	6.0	10.4
9598.891667	---	44.26	54.00	9.74	150.0	V	6.0	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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EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRW0PEP
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

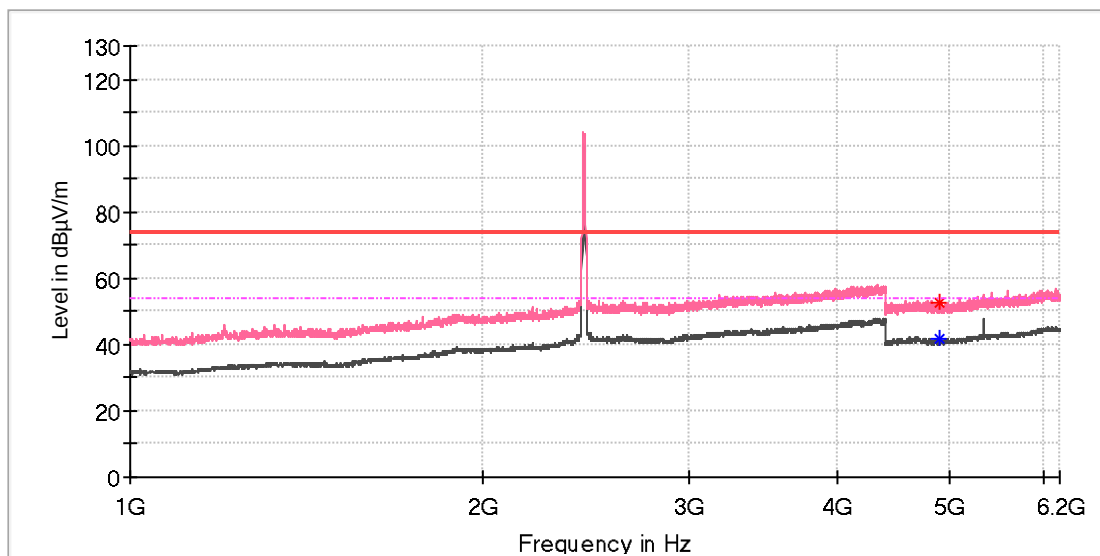
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.500000	52.35	---	74.00	21.65	150.0	H	142.0	13.3
4871.500000	---	41.27	54.00	12.73	150.0	H	203.0	13.3

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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

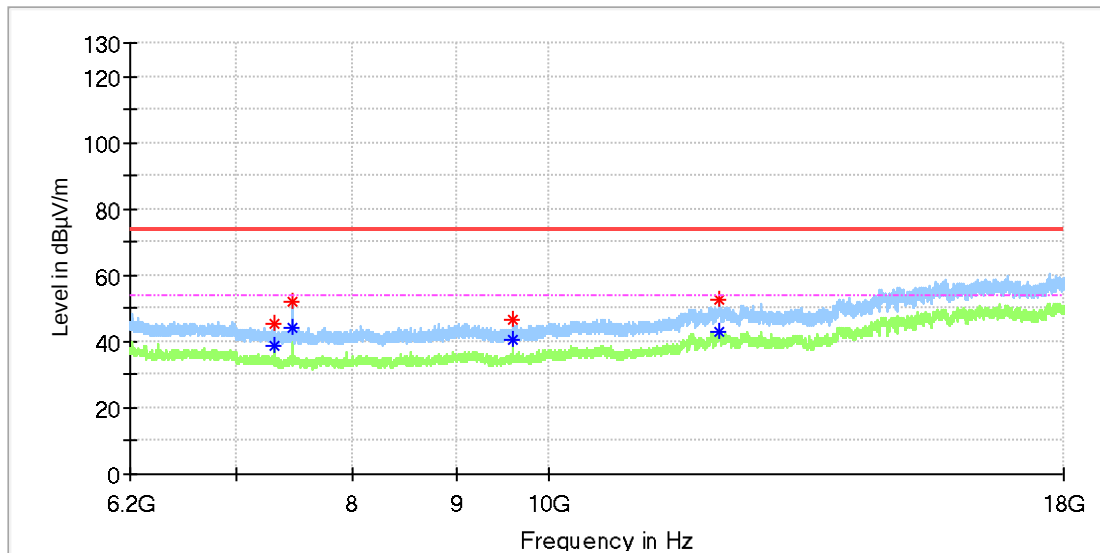
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4901.000000	52.66	---	74.00	21.34	150.0	V	256.0	13.3
4904.000000	---	41.59	54.00	12.41	150.0	V	202.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

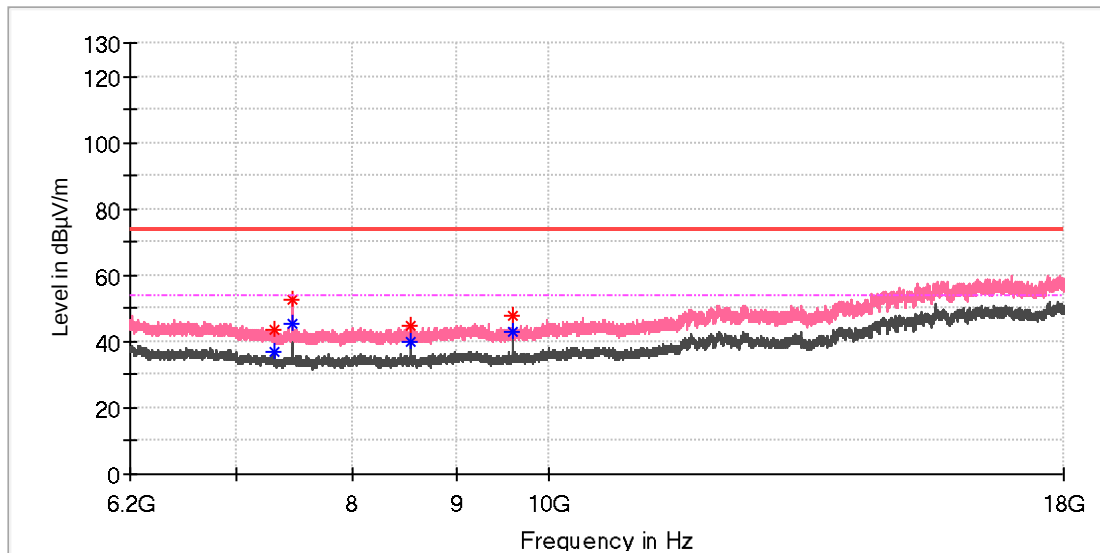
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.708333	45.24	---	74.00	28.76	150.0	H	110.0	8.2
7312.150000	---	38.79	54.00	15.21	150.0	H	99.0	8.2
7465.550000	52.15	---	74.00	21.85	150.0	H	49.0	8.6
7466.041667	---	44.24	54.00	9.76	150.0	H	37.0	8.6
9598.400000	46.54	---	74.00	27.46	150.0	H	49.0	10.4
9598.400000	---	40.68	54.00	13.32	150.0	H	49.0	10.4
12135.891667	52.38	---	74.00	21.62	150.0	H	121.0	16.4
12148.675000	---	43.10	54.00	10.90	150.0	H	303.0	16.7

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

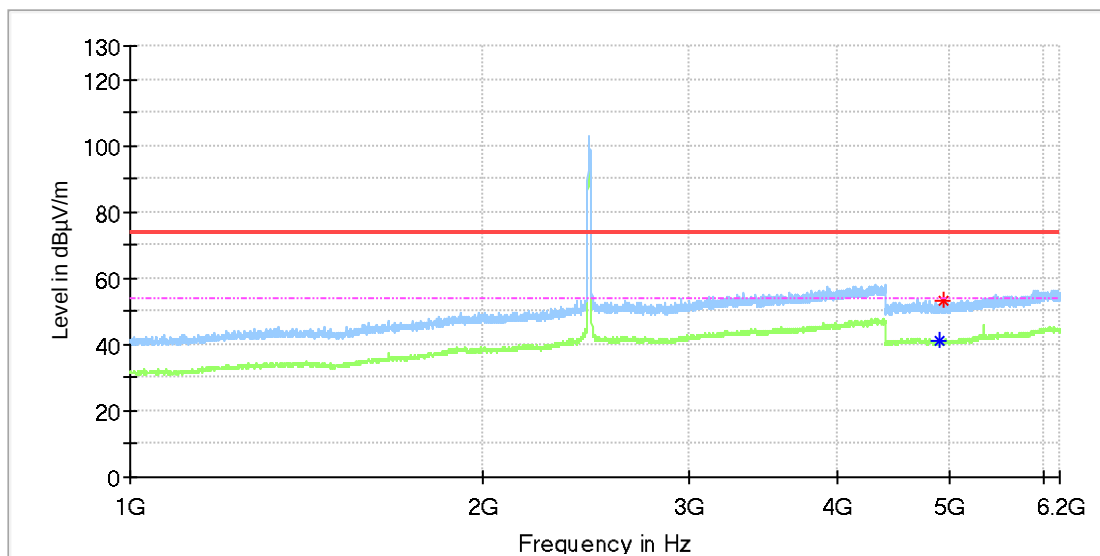
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.200000	43.33	---	74.00	30.67	150.0	V	18.0	8.2
7312.150000	---	36.93	54.00	17.07	150.0	V	18.0	8.2
7464.566667	---	45.47	54.00	8.53	150.0	V	329.0	8.6
7465.550000	52.64	---	74.00	21.36	150.0	V	329.0	8.6
8531.975000	44.77	---	74.00	29.23	150.0	V	308.0	8.8
8531.975000	---	40.18	54.00	13.82	150.0	V	308.0	8.8
9598.400000	47.65	---	74.00	26.36	150.0	V	30.0	10.4
9598.891667	---	43.06	54.00	10.94	150.0	V	30.0	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_11b_Ch11
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

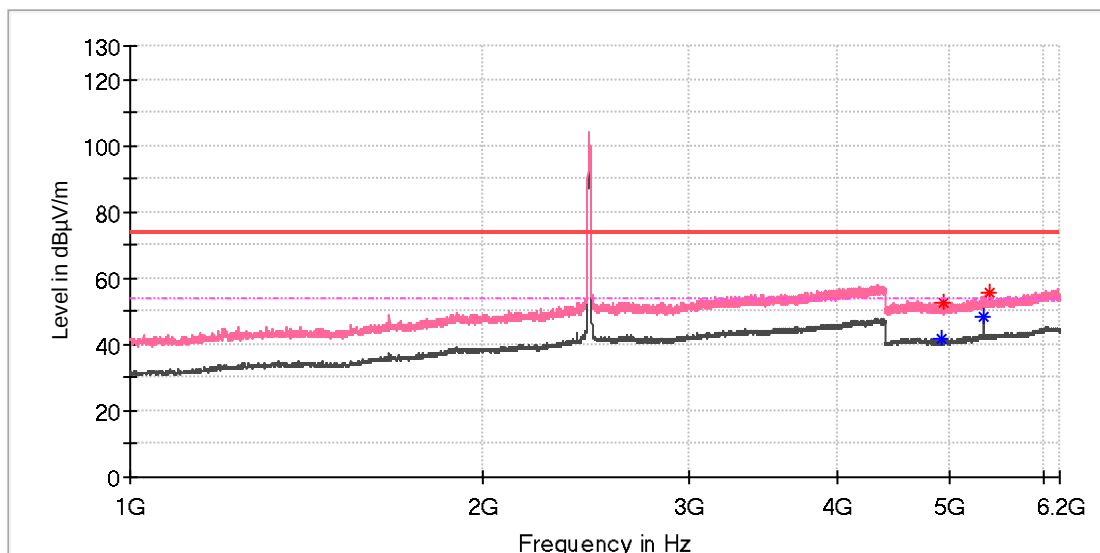
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4905.500000	---	41.28	54.00	12.72	150.0	H	151.0	13.3
4943.000000	53.01	---	74.00	20.99	150.0	H	95.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

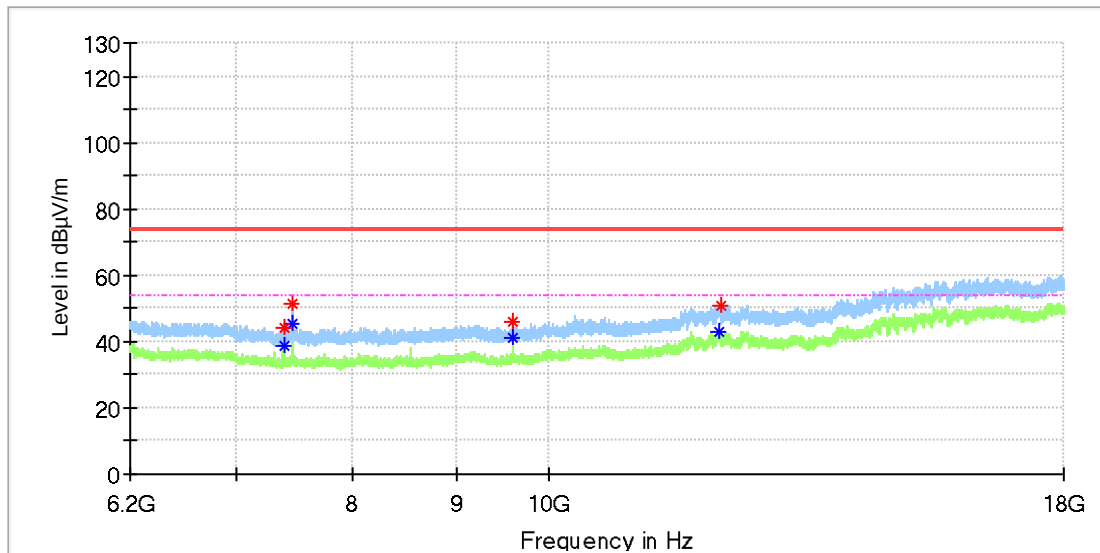
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4908.000000	---	41.47	54.00	12.53	150.0	V	296.0	13.3
4926.000000	52.88	---	74.00	21.12	150.0	V	136.0	13.3
5332.500000	---	48.67	54.00	5.33	150.0	V	329.0	14.7
5403.000000	55.43	---	74.00	18.57	150.0	V	204.0	15.0

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

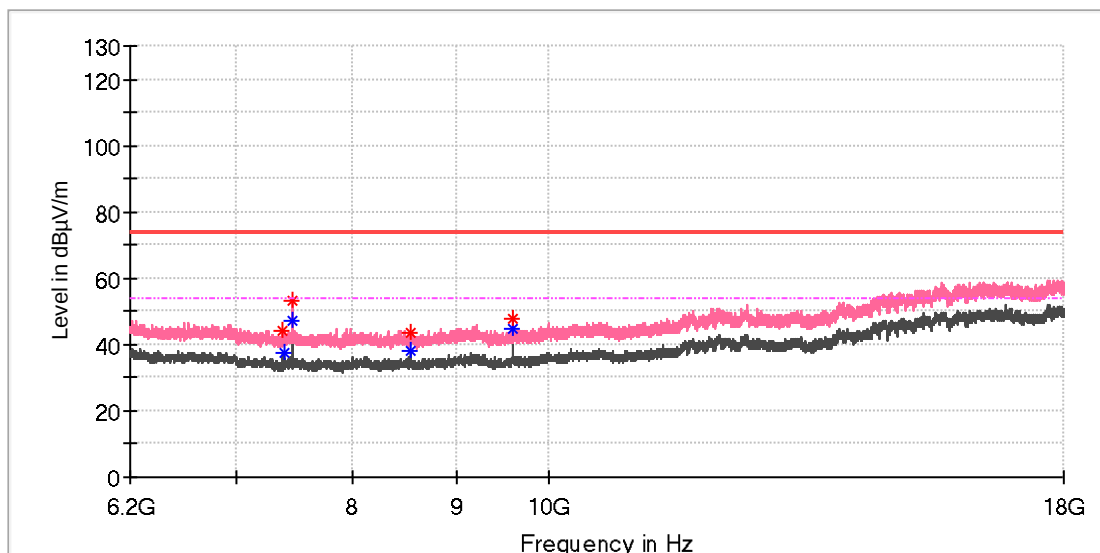
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7386.883333	---	38.90	54.00	15.10	150.0	H	55.0	8.2
7387.866667	44.07	---	74.00	29.93	150.0	H	100.0	8.2
7465.550000	51.12	---	74.00	22.88	150.0	H	78.0	8.6
7466.041667	---	45.14	54.00	8.86	150.0	H	43.0	8.6
9598.400000	---	41.00	54.00	13.00	150.0	H	55.0	10.4
9598.400000	46.07	---	74.00	27.93	150.0	H	55.0	10.4
12139.825000	---	42.87	54.00	11.13	150.0	H	10.0	16.5
12171.783333	50.71	---	74.00	23.29	150.0	H	100.0	15.6

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

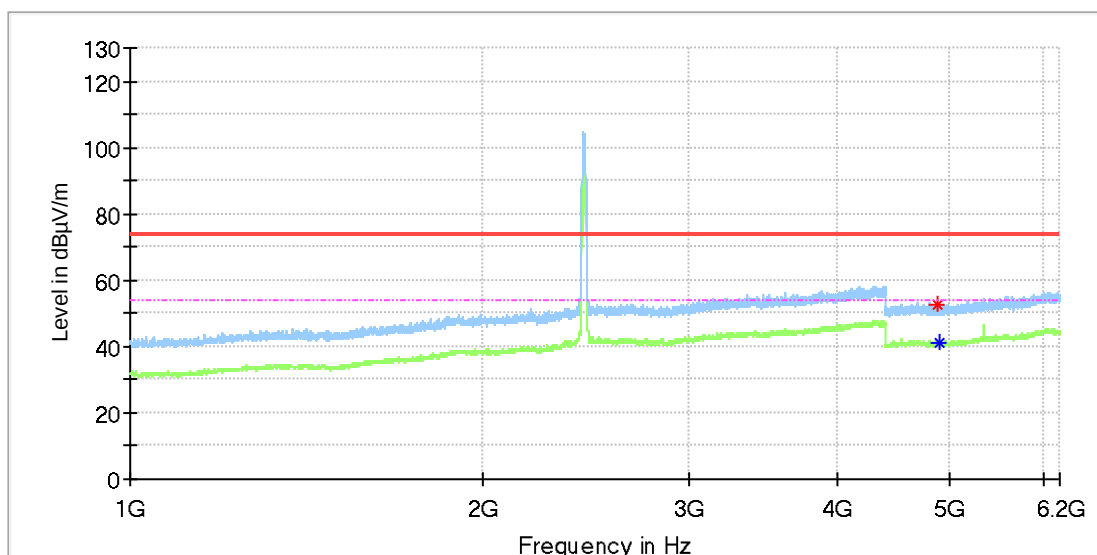
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7384.425000	44.27	---	74.00	29.73	150.0	V	0.0	8.2
7385.900000	---	37.31	54.00	16.69	150.0	V	1.0	8.2
7465.058333	53.38	---	74.00	20.62	150.0	V	329.0	8.6
7466.041667	---	47.27	54.00	6.73	150.0	V	329.0	8.6
8531.483333	43.77	---	74.00	30.23	150.0	V	259.0	8.8
8531.975000	---	37.95	54.00	16.05	150.0	V	94.0	8.8
9598.400000	---	45.01	54.00	8.99	150.0	V	37.0	10.4
9598.891667	47.82	---	74.00	26.18	150.0	V	37.0	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_11g_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

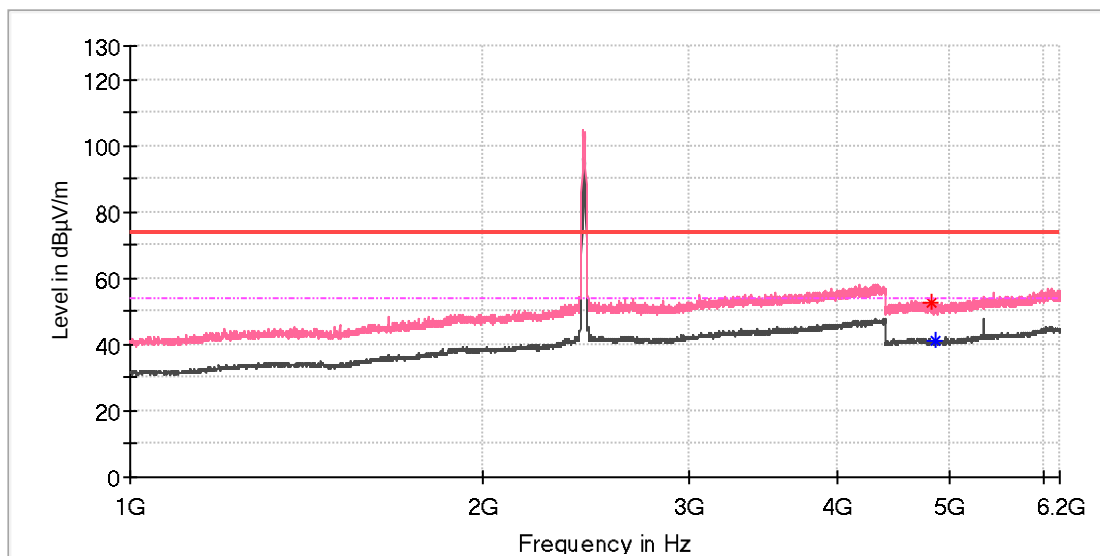
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	52.32	---	74.00	21.68	150.0	H	324.0	13.3
4902.000000	---	41.10	54.00	12.90	150.0	H	158.0	13.3

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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

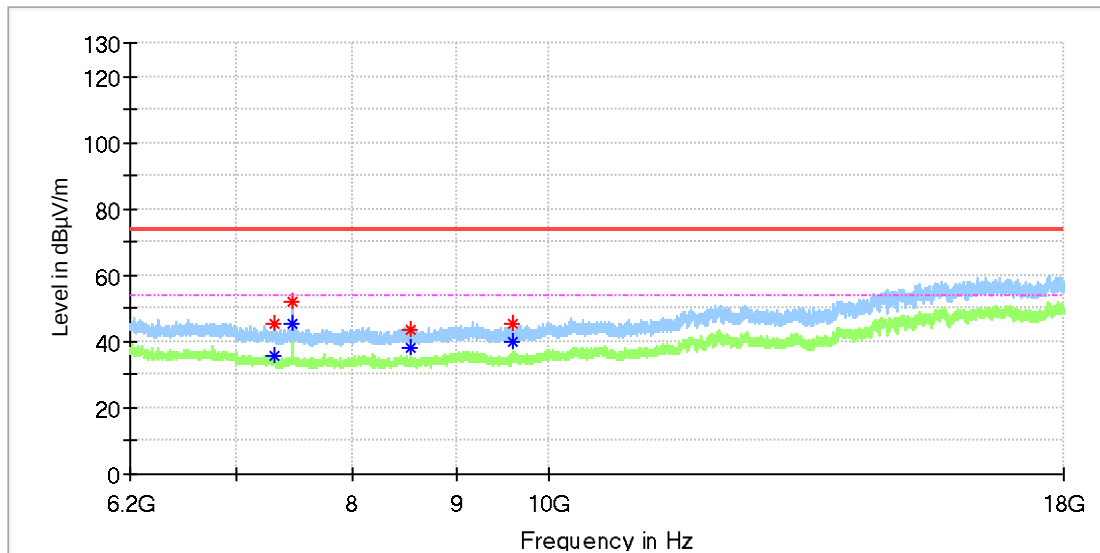
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4819.500000	52.67	---	74.00	21.33	150.0	V	288.0	13.3
4859.000000	---	41.13	54.00	12.87	150.0	V	301.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

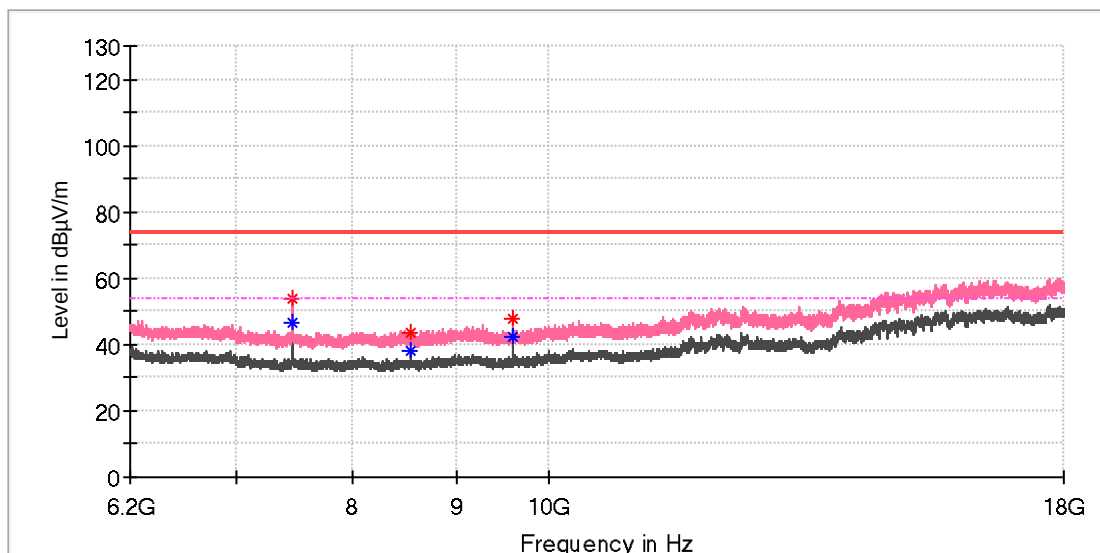
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.250000	45.58	---	74.00	28.42	150.0	H	2.0	8.3
7310.183333	---	35.88	54.00	18.12	150.0	H	44.0	8.2
7465.550000	52.13	---	74.00	21.87	150.0	H	78.0	8.6
7466.041667	---	45.36	54.00	8.64	150.0	H	44.0	8.6
8531.483333	43.26	---	74.00	30.74	150.0	H	44.0	8.8
8531.975000	---	37.90	54.00	16.10	150.0	H	55.0	8.8
9598.400000	---	39.97	54.00	14.03	150.0	H	0.0	10.4
9598.891667	45.31	---	74.00	28.69	150.0	H	44.0	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_11g_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

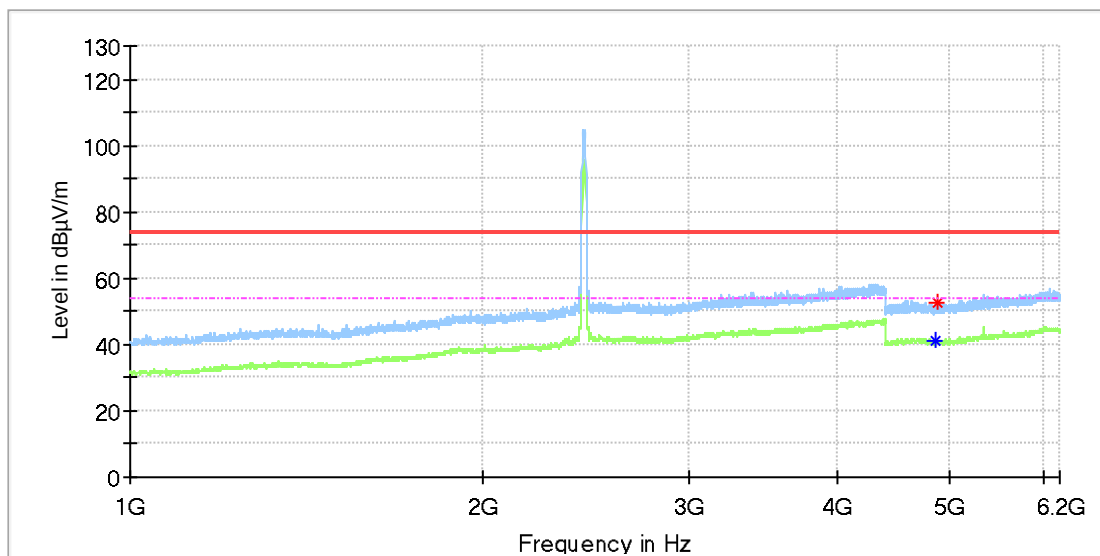
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.550000	53.60	---	74.00	20.40	150.0	V	330.0	8.6
7466.041667	---	46.44	54.00	7.56	150.0	V	342.0	8.6
8531.483333	43.36	---	74.00	30.64	150.0	V	330.0	8.8
8531.975000	---	38.38	54.00	15.62	150.0	V	308.0	8.8
9598.891667	47.75	---	74.00	26.25	150.0	V	32.0	10.4
9598.891667	---	42.14	54.00	11.86	150.0	V	32.0	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_11n20_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

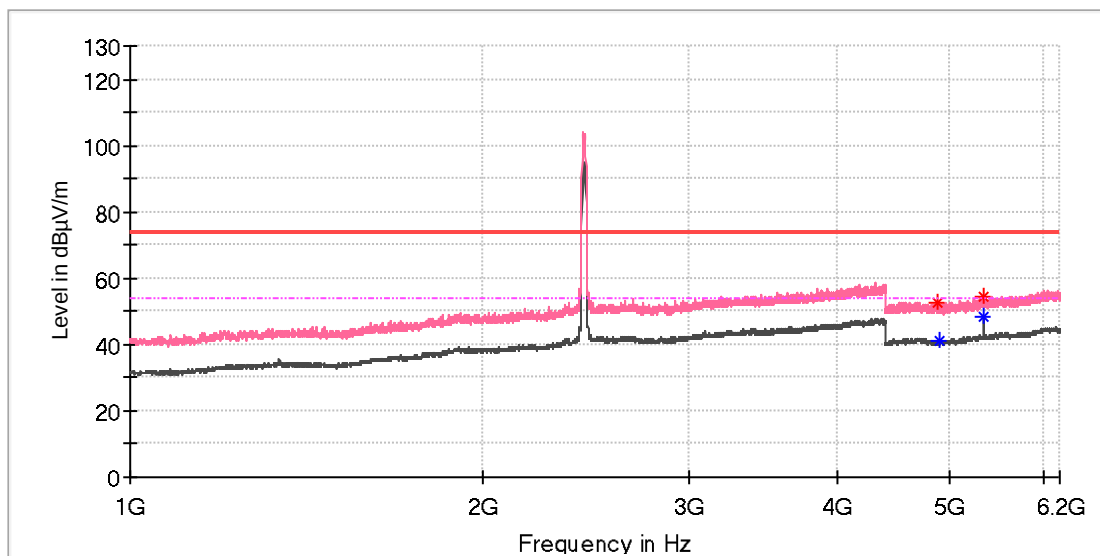
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4867.500000	---	41.05	54.00	12.95	150.0	H	195.0	13.3
4871.500000	52.62	---	74.00	21.38	150.0	H	98.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

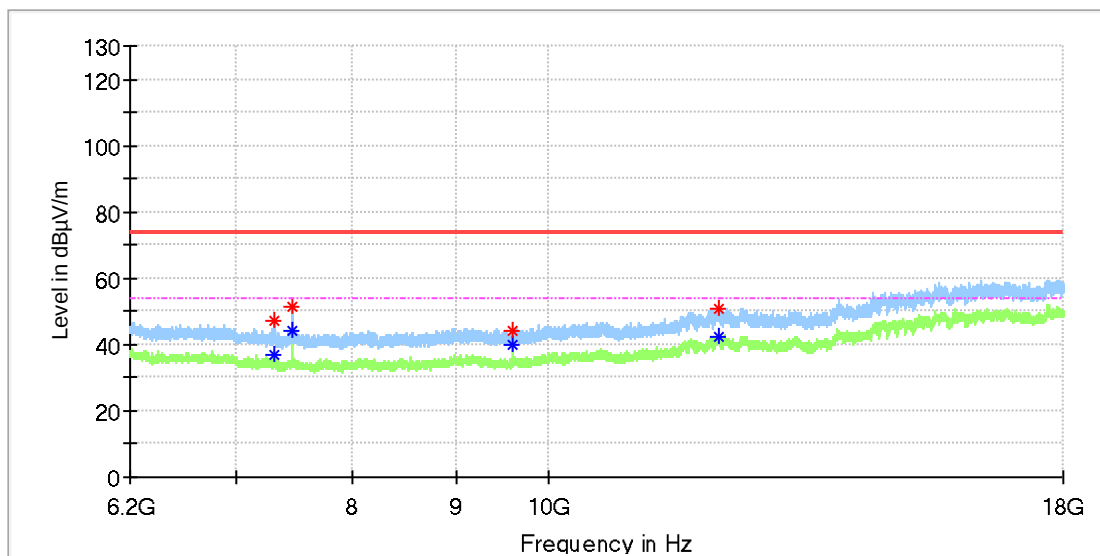
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	52.37	---	74.00	21.63	150.0	V	186.0	13.3
4898.000000	---	41.12	54.00	12.88	150.0	V	279.0	13.3
5332.500000	54.55	---	74.00	19.45	150.0	V	328.0	14.7
5332.500000	---	48.19	54.00	5.81	150.0	V	328.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

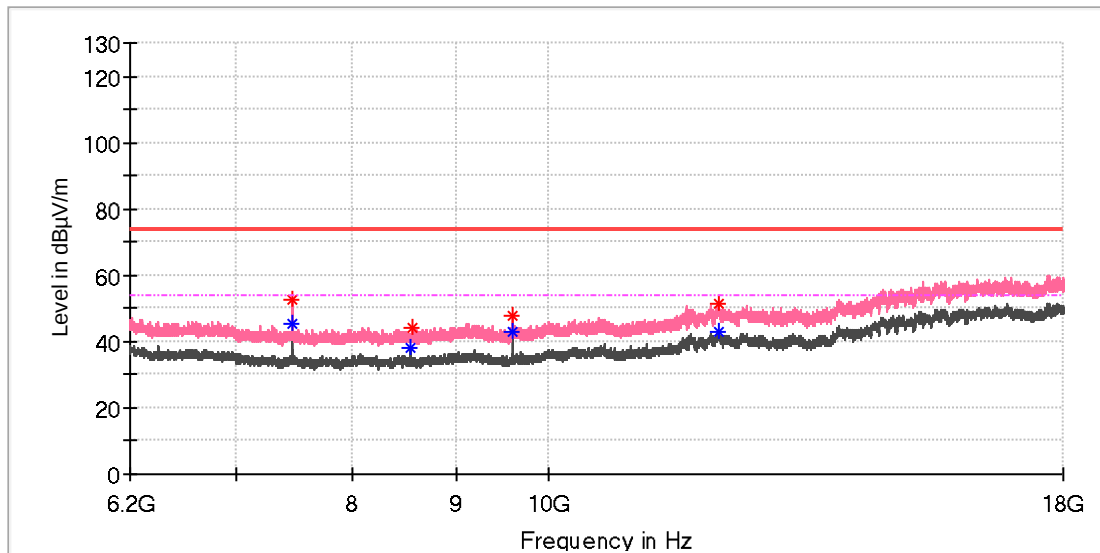
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7318.050000	---	37.08	54.00	16.92	150.0	H	91.0	8.2
7318.050000	47.35	---	74.00	26.65	150.0	H	91.0	8.2
7465.550000	51.24	---	74.00	22.76	150.0	H	68.0	8.6
7466.041667	---	44.37	54.00	9.63	150.0	H	79.0	8.6
9597.908333	44.25	---	74.00	29.75	150.0	H	0.0	10.3
9598.400000	---	39.65	54.00	14.35	150.0	H	42.0	10.4
12141.791667	50.68	---	74.00	23.32	150.0	H	29.0	16.5
12145.725000	---	42.61	54.00	11.39	150.0	H	188.0	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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

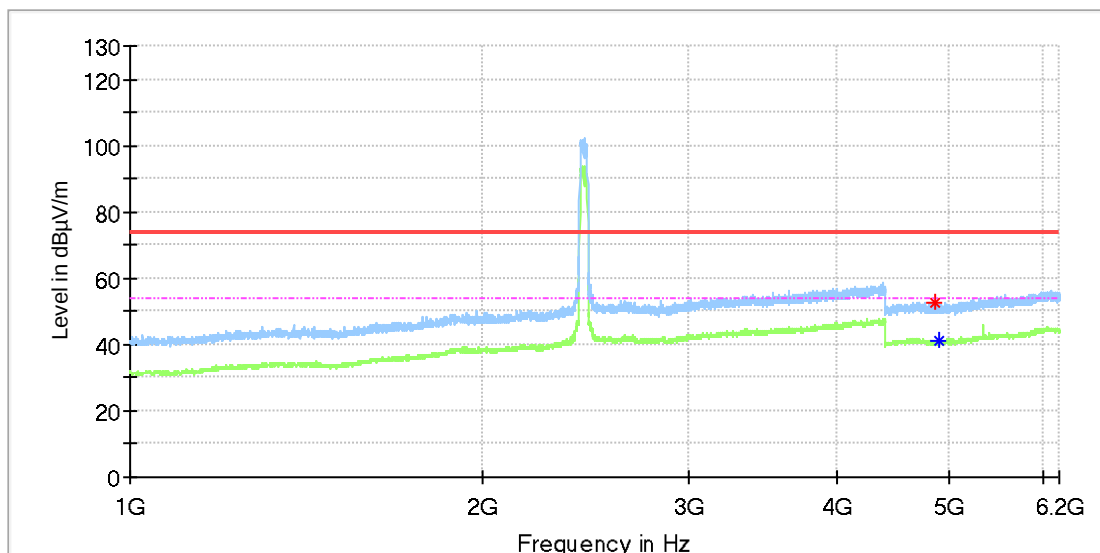
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7464.566667	---	45.07	54.00	8.93	150.0	V	0.0	8.6
7465.550000	52.49	---	74.00	21.51	150.0	V	0.0	8.6
8531.975000	---	37.87	54.00	16.13	150.0	V	304.0	8.8
8552.625000	43.92	---	74.00	30.08	150.0	V	267.0	8.8
9597.908333	47.56	---	74.00	26.44	150.0	V	24.0	10.3
9598.400000	---	43.13	54.00	10.87	150.0	V	36.0	10.4
12144.250000	---	43.17	54.00	10.83	150.0	V	207.0	16.6
12145.233333	51.63	---	74.00	22.37	150.0	V	97.0	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_11n40_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

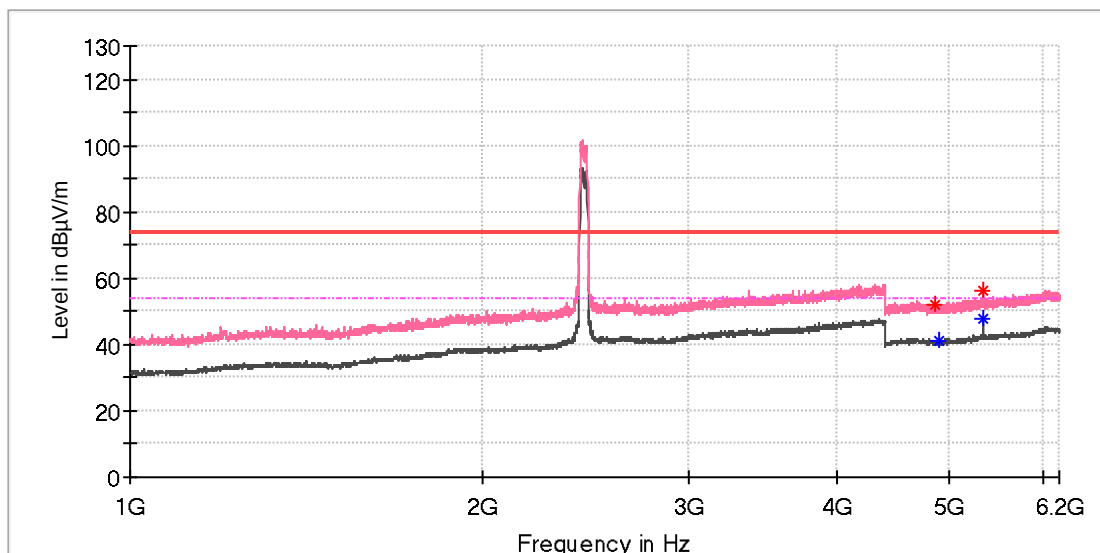
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4863.500000	52.90	---	74.00	21.10	150.0	H	265.0	13.3
4903.500000	---	41.23	54.00	12.77	150.0	H	95.0	13.3

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

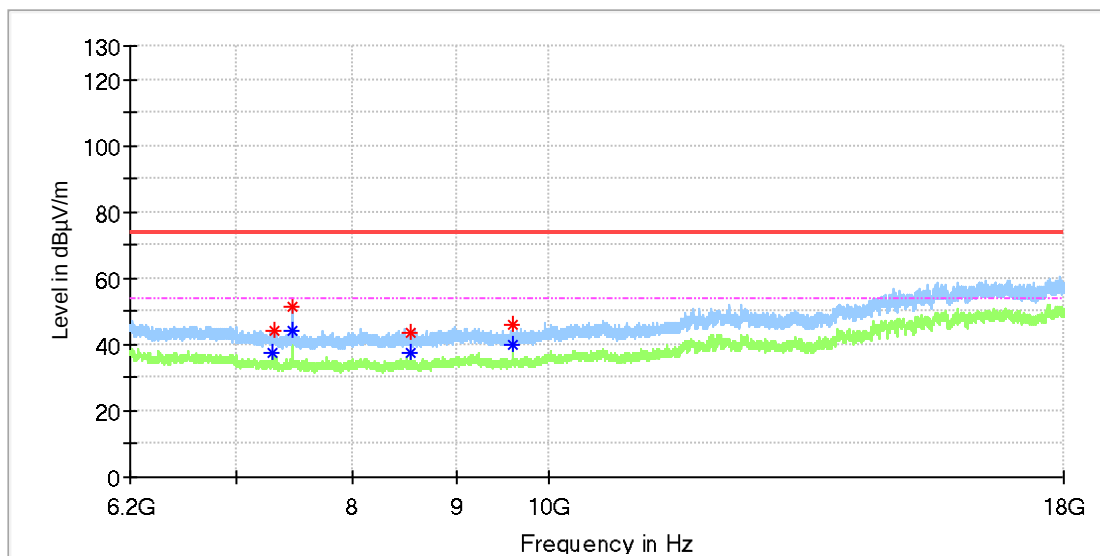
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4866.000000	52.03	---	74.00	21.97	150.0	V	28.0	13.3
4899.500000	---	41.20	54.00	12.80	150.0	V	97.0	13.3
5332.500000	56.35	---	74.00	17.65	150.0	V	334.0	14.7
5332.500000	---	47.83	54.00	6.17	150.0	V	334.0	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: RRW0PEP
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

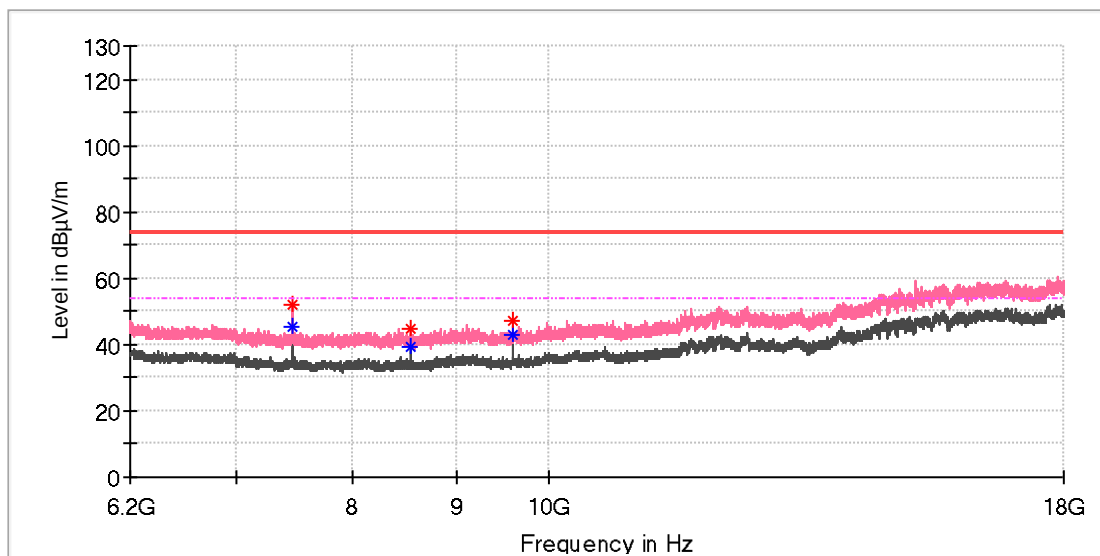
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7290.516667	---	37.32	54.00	16.68	150.0	H	97.0	8.3
7311.658333	44.07	---	74.00	29.93	150.0	H	97.0	8.2
7465.058333	51.46	---	74.00	22.54	150.0	H	68.0	8.6
7466.041667	---	44.21	54.00	9.79	150.0	H	68.0	8.6
8531.483333	43.34	---	74.00	30.66	150.0	H	7.0	8.8
8531.483333	---	37.21	54.00	16.79	150.0	H	7.0	8.8
9597.908333	45.91	---	74.00	28.09	150.0	H	324.0	10.3
9598.400000	---	39.86	54.00	14.14	150.0	H	324.0	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/A003895735-003
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	51.88	---	74.00	22.12	150.0	V	0.0	8.6
7466.041667	---	45.54	54.00	8.46	150.0	V	339.0	8.6
8531.975000	44.72	---	74.00	29.28	150.0	V	313.0	8.8
8531.975000	---	39.53	54.00	14.47	150.0	V	313.0	8.8
9598.400000	47.26	---	74.00	26.74	150.0	V	38.0	10.4
9598.400000	---	42.90	54.00	11.10	150.0	V	38.0	10.4

Final_Result

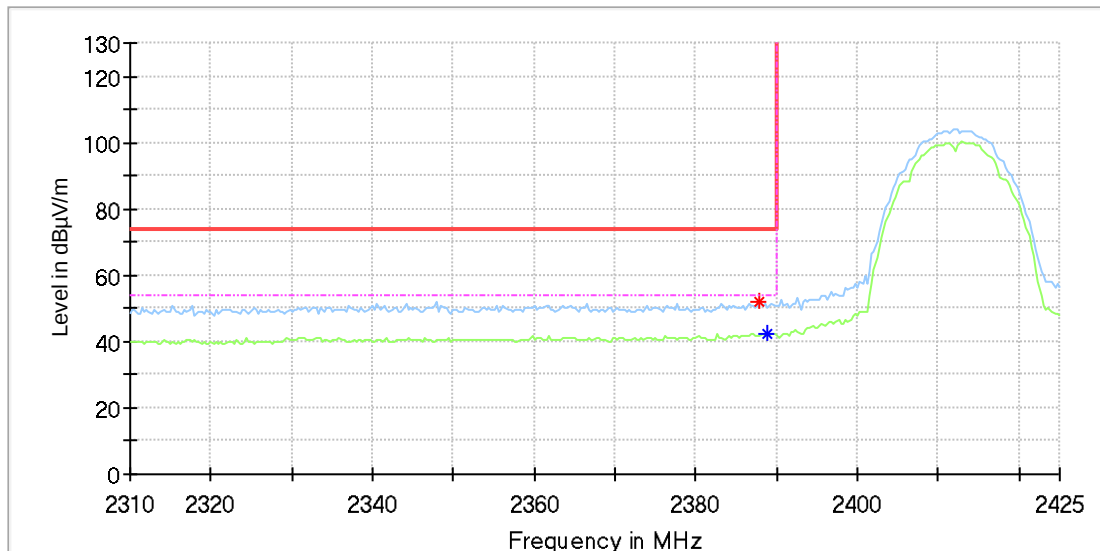
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

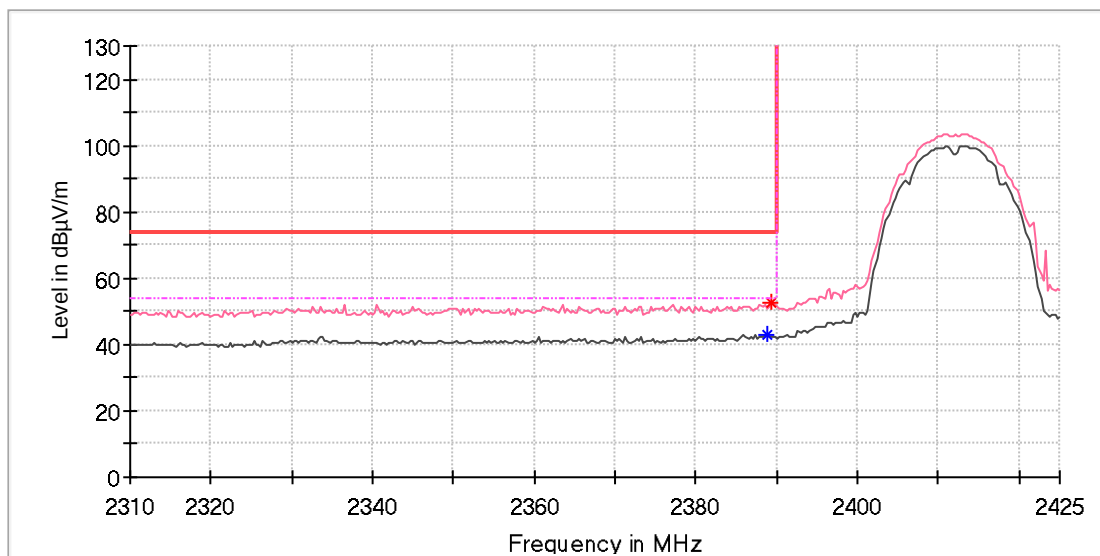
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	52.18	---	74.00	21.82	150.0	H	293.0	8.5
2388.823529	---	42.35	54.00	11.65	150.0	H	306.0	8.5

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_Ch1
Order No/Sample No: 168518349/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

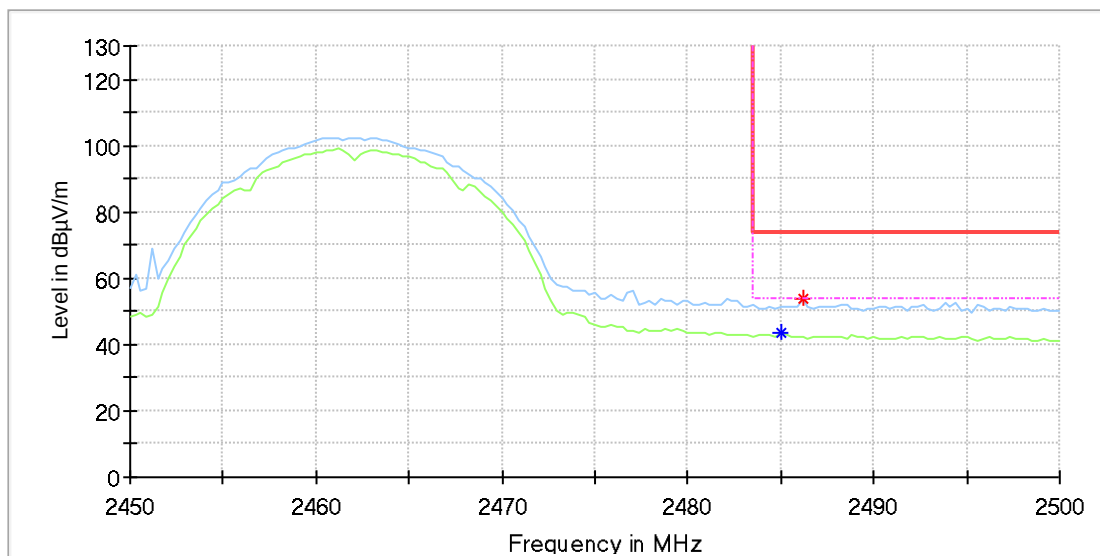
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	---	42.92	54.00	11.08	150.0	V	49.0	8.5
2389.411765	52.76	---	74.00	21.24	150.0	V	309.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

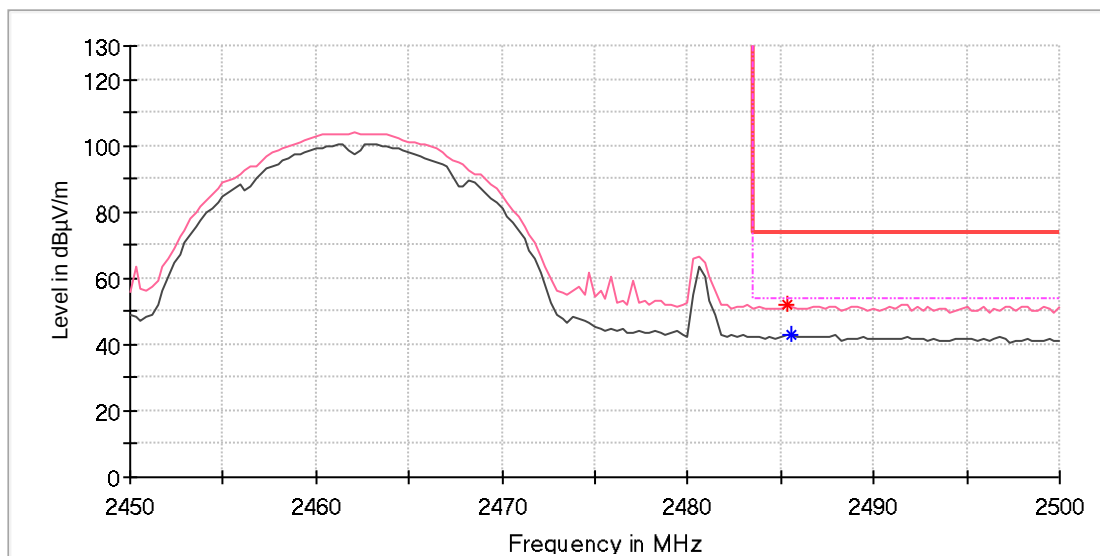
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	---	43.28	54.00	10.72	150.0	H	330.0	9.0
2486.176471	53.77	---	74.00	20.23	150.0	H	0.0	9.0

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/A003895735-003
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)
2485.294118	51.86	---	74.00	22.14	150.0	V	9.0	9.0
2485.588235	---	42.79	54.00	11.21	150.0	V	171.0	9.0

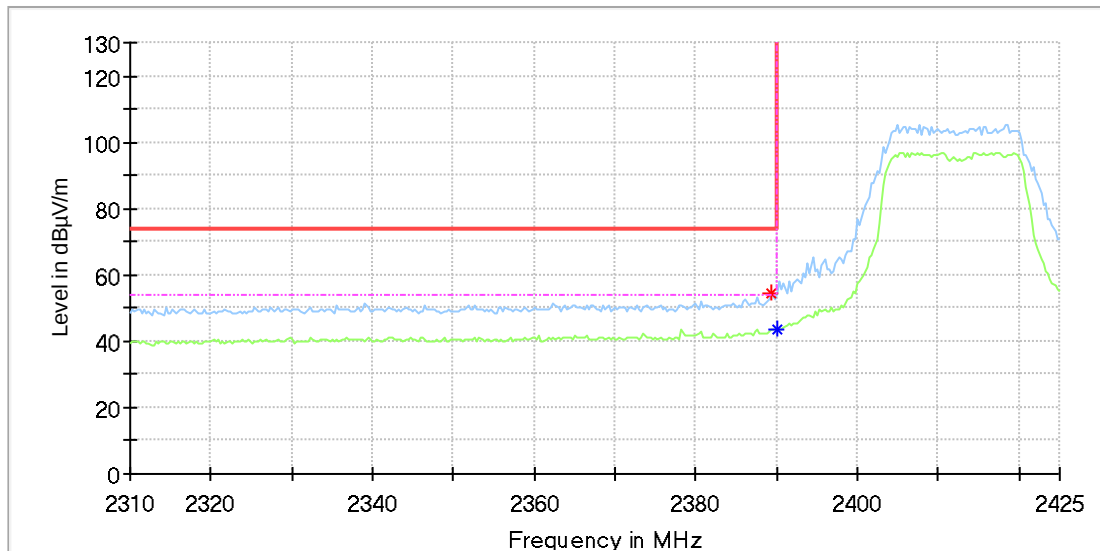
Final_Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRW0PEP
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168518349/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

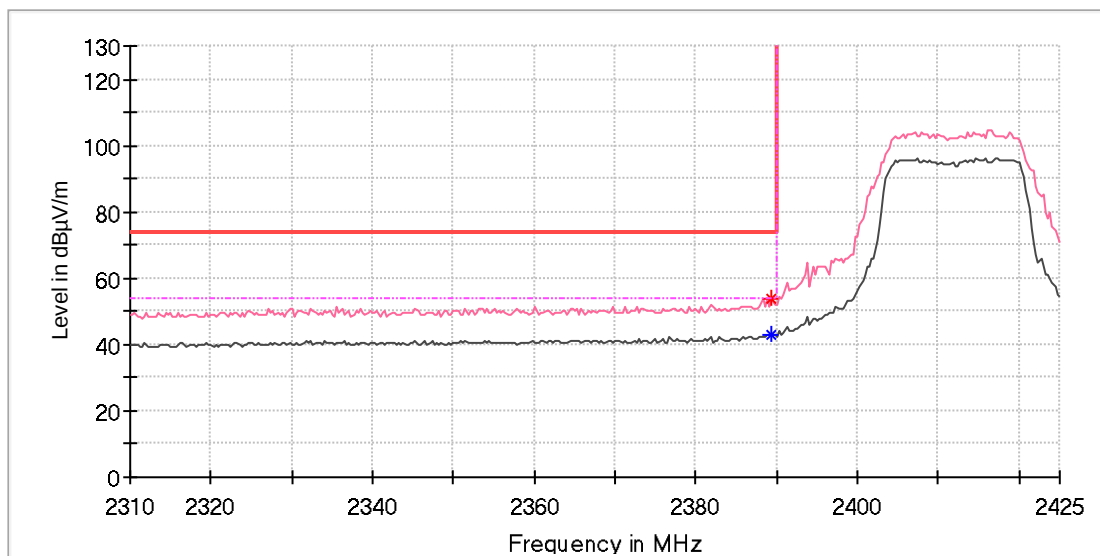
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	54.13	---	74.00	19.87	150.0	H	53.0	8.5
2390.000000	---	43.57	54.00	10.43	150.0	H	101.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

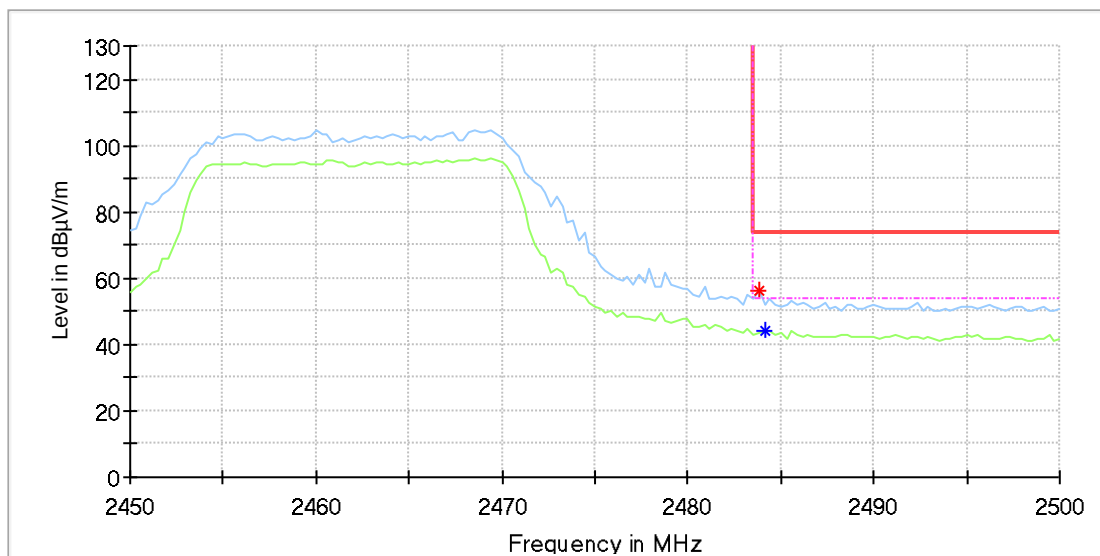
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	53.94	---	74.00	20.06	150.0	V	0.0	8.5
2389.411765	---	43.03	54.00	10.97	150.0	V	0.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

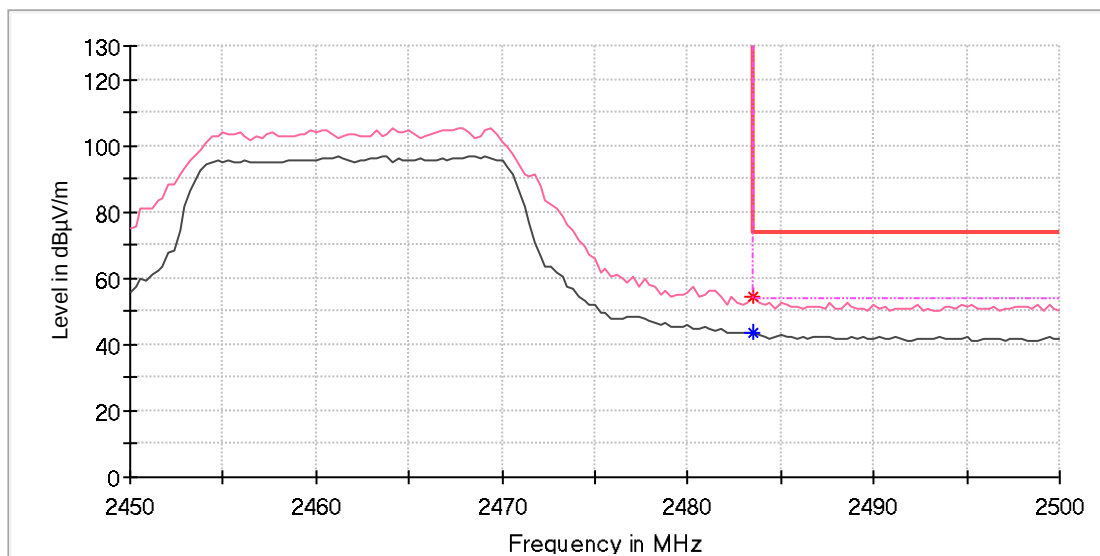
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	56.17	---	74.00	17.83	150.0	H	355.0	9.0
2484.117647	---	43.90	54.00	10.10	150.0	H	331.0	9.0

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/A003895735-003
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	---	43.37	54.00	10.63	150.0	V	5.0	9.0
2483.529412	54.27	---	74.00	19.73	150.0	V	5.0	9.0

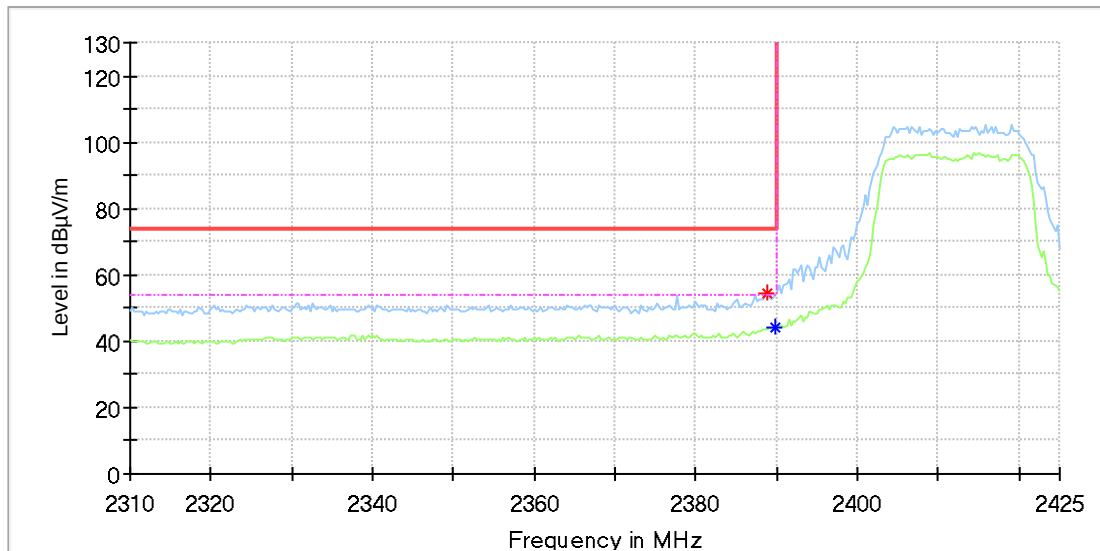
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

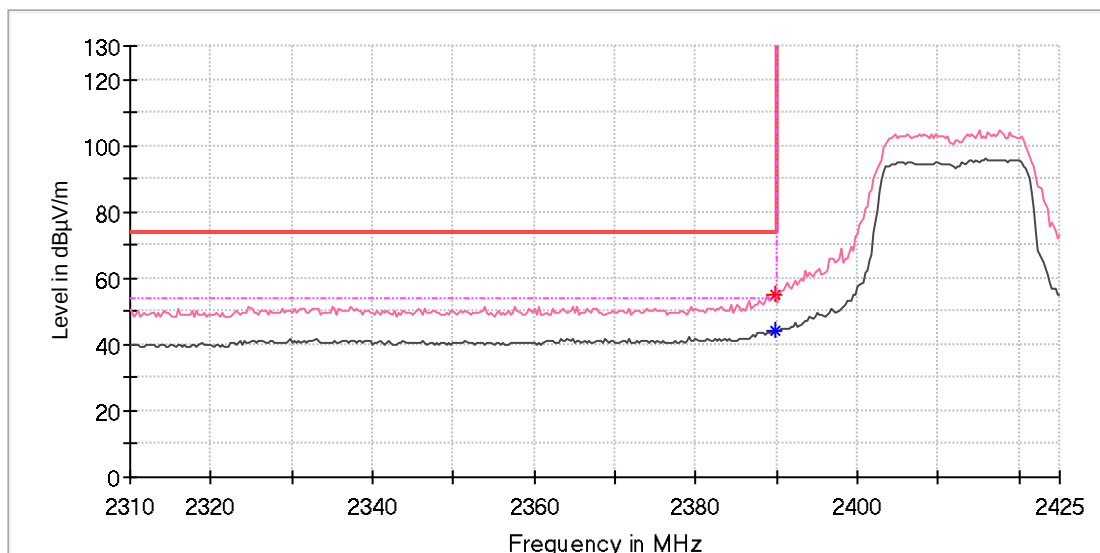
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	54.56	---	74.00	19.44	150.0	H	92.0	8.5
2389.705882	---	44.14	54.00	9.86	150.0	H	330.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

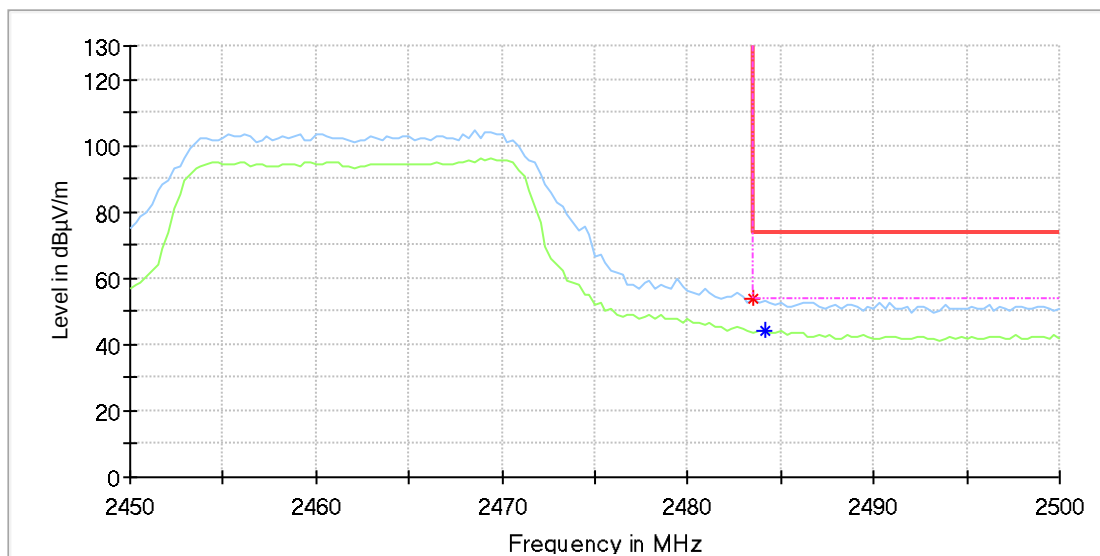
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	55.28	---	74.00	18.72	150.0	V	219.0	8.5
2389.705882	---	44.18	54.00	9.82	150.0	V	219.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

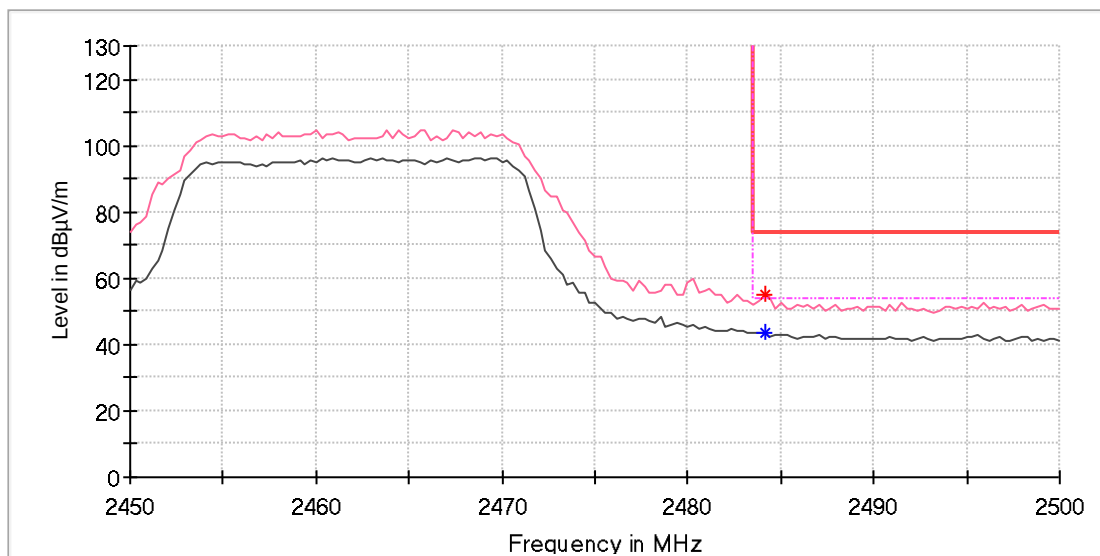
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	53.54	---	74.00	20.46	150.0	H	311.0	9.0
2484.117647	---	44.33	54.00	9.67	150.0	H	319.0	9.0

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/A003895735-003
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	---	43.68	54.00	10.32	150.0	V	113.0	9.0
2484.117647	55.02	---	74.00	18.98	150.0	V	113.0	9.0

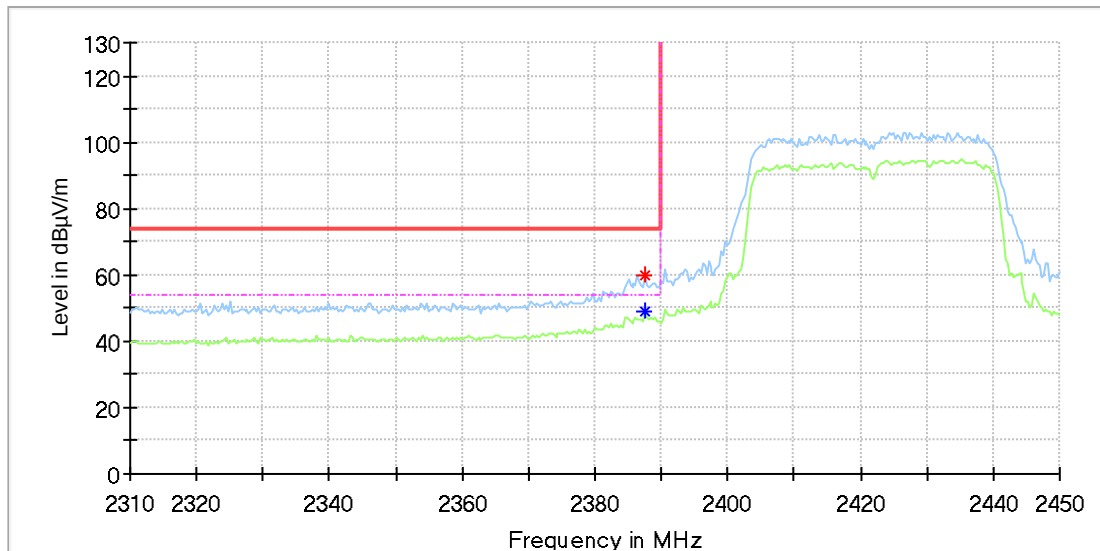
Final_Result

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/A003895735-003
Test Voltage::	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

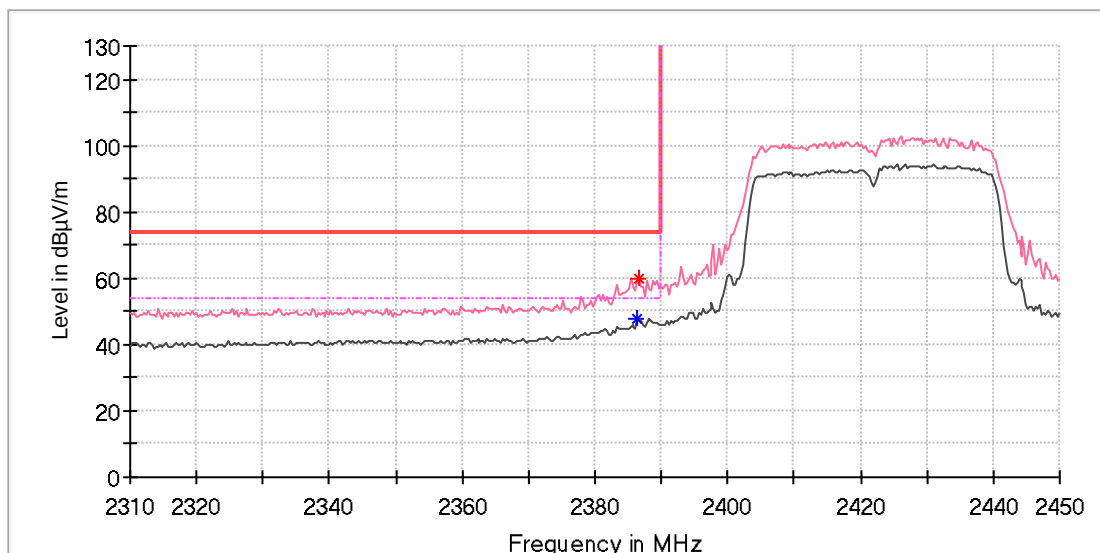
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.647059	60.03	---	74.00	13.97	150.0	H	93.0	8.5
2387.647059	---	48.91	54.00	5.09	150.0	H	93.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

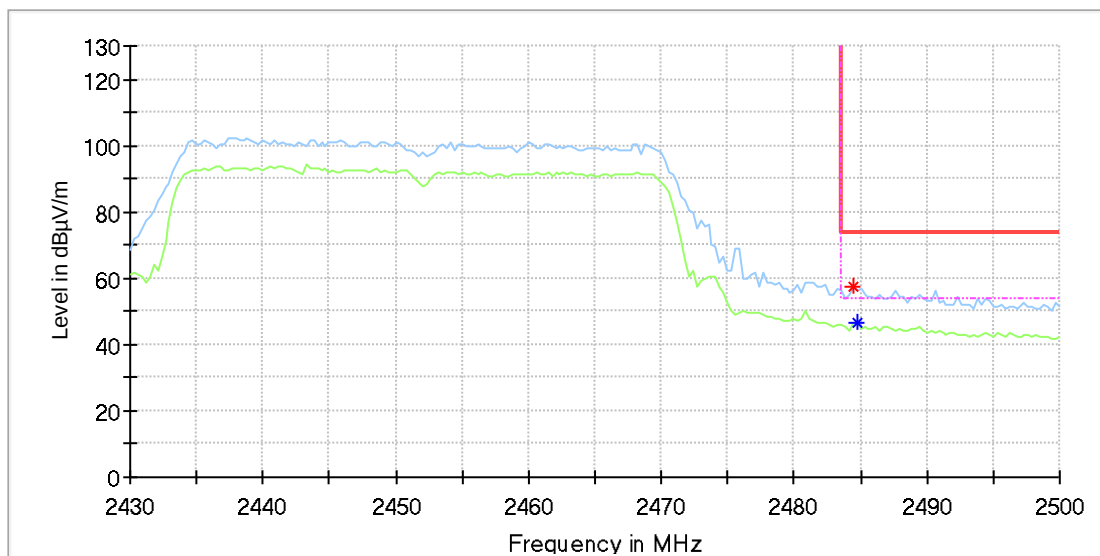
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	47.98	54.00	6.02	150.0	V	347.0	8.5
2386.764706	60.09	---	74.00	13.91	150.0	V	221.0	8.5

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/A003895735-003
Test Voltage:: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

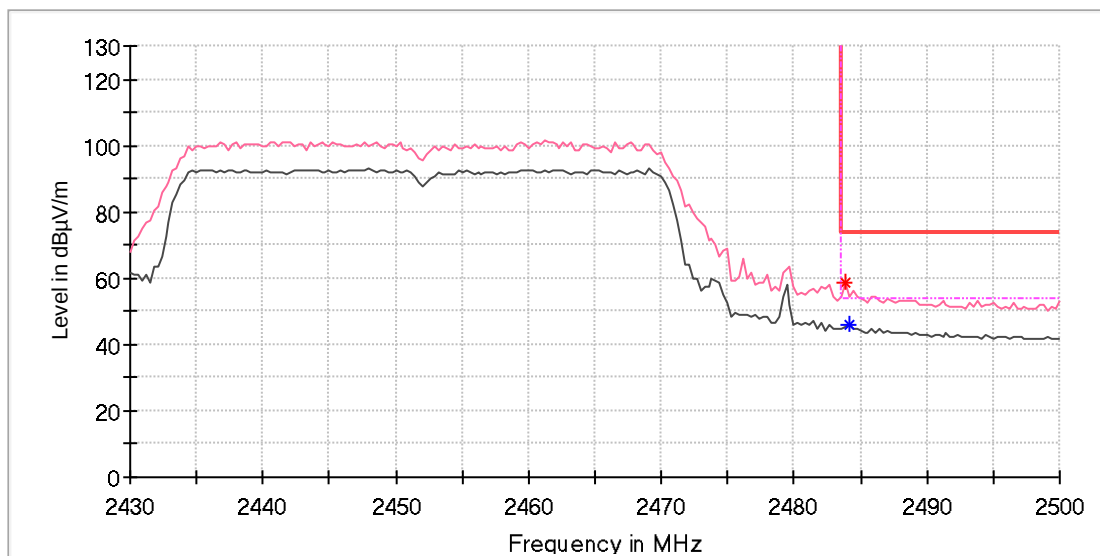
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	57.63	---	74.00	16.37	150.0	H	319.0	9.0
2484.705882	---	46.61	54.00	7.39	150.0	H	341.0	9.0

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/A003895735-003
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	58.58	---	74.00	15.42	150.0	V	211.0	9.0
2484.117647	---	45.90	54.00	8.10	150.0	V	211.0	9.0

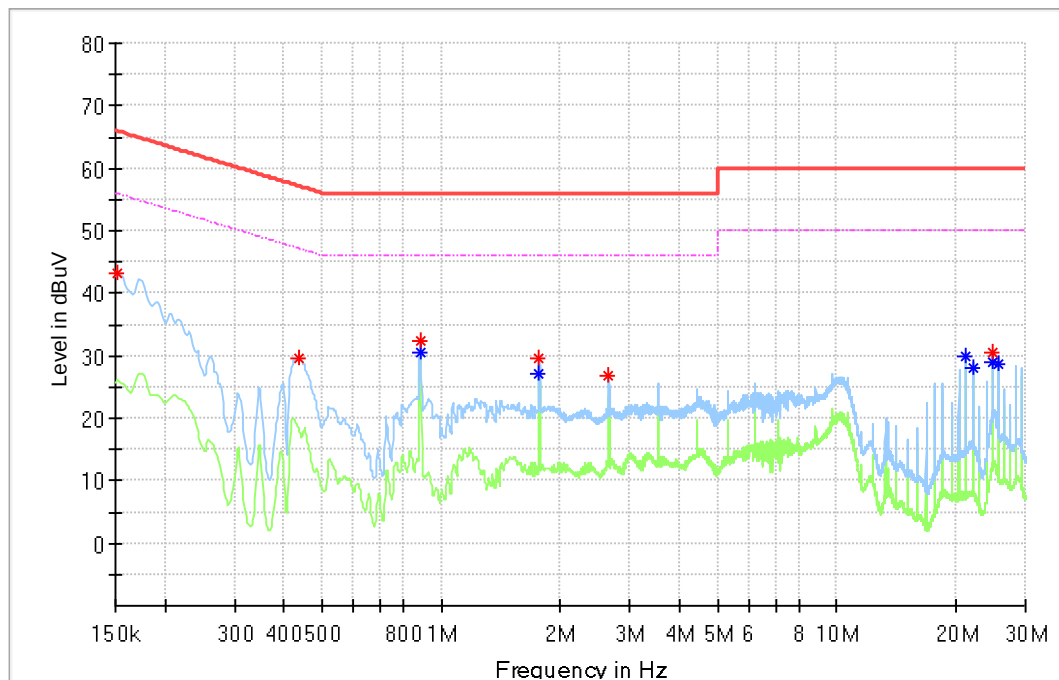
Final_Result

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
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

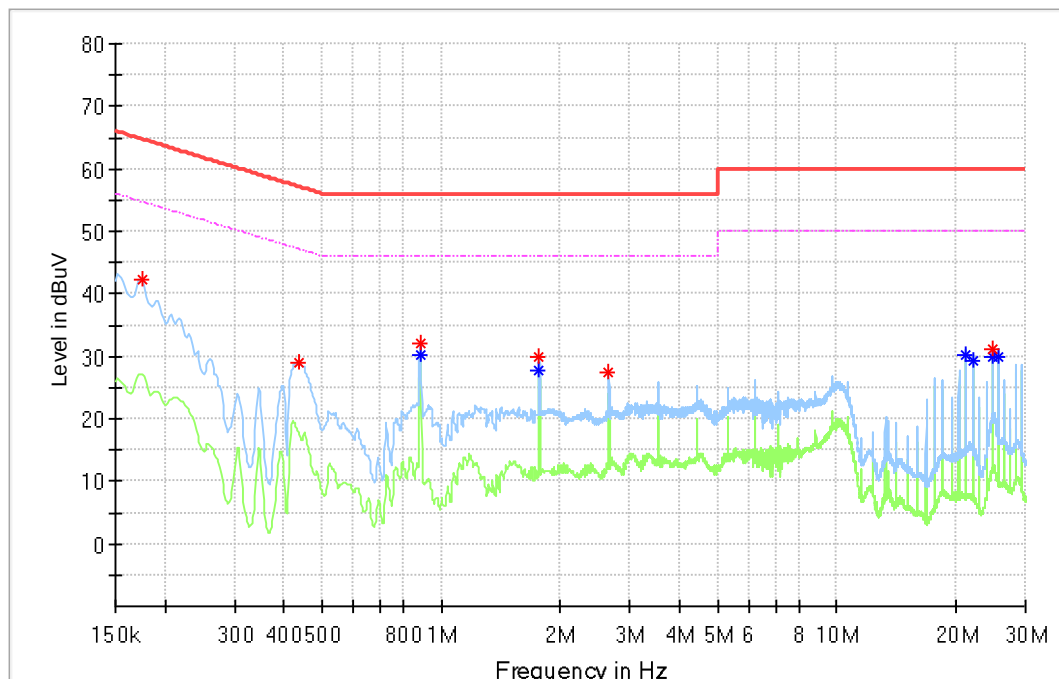


Critical_Freqs

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.152250	43.30	---	65.88	22.58	L1	10.3
0.435750	29.52	---	57.14	27.62	L1	10.3
0.885750	32.36	---	56.00	23.64	L1	10.6
0.885750	---	30.43	46.00	15.57	L1	10.6
1.770000	29.53	---	56.00	26.47	L1	10.2
1.770000	---	27.16	46.00	18.84	L1	10.2
2.654250	26.76	---	56.00	29.24	L1	10.1
21.239250	---	29.82	50.00	20.18	L1	11.1
22.123500	---	27.95	50.00	22.05	L1	11.1
24.778500	30.61	---	60.00	29.39	L1	11.1
24.778500	---	28.98	50.00	21.02	L1	11.1
25.665000	---	28.61	50.00	21.39	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



Critical Freqs

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.174750	42.35	---	64.73	22.39	N	10.5
0.435750	28.97	---	57.14	28.18	N	10.3
0.885750	32.04	---	56.00	23.96	N	10.4
0.885750	---	30.34	46.00	15.66	N	10.4
1.770000	29.87	---	56.00	26.13	N	10.5
1.770000	---	27.79	46.00	18.21	N	10.5
2.654250	27.34	---	56.00	28.66	N	10.6
21.237000	---	30.28	50.00	19.72	N	11.3
22.123500	---	29.29	50.00	20.71	N	11.4
24.778500	31.22	---	60.00	28.78	N	11.5
24.778500	---	29.84	50.00	20.16	N	11.5
25.662750	---	29.83	50.00	20.17	N	11.6