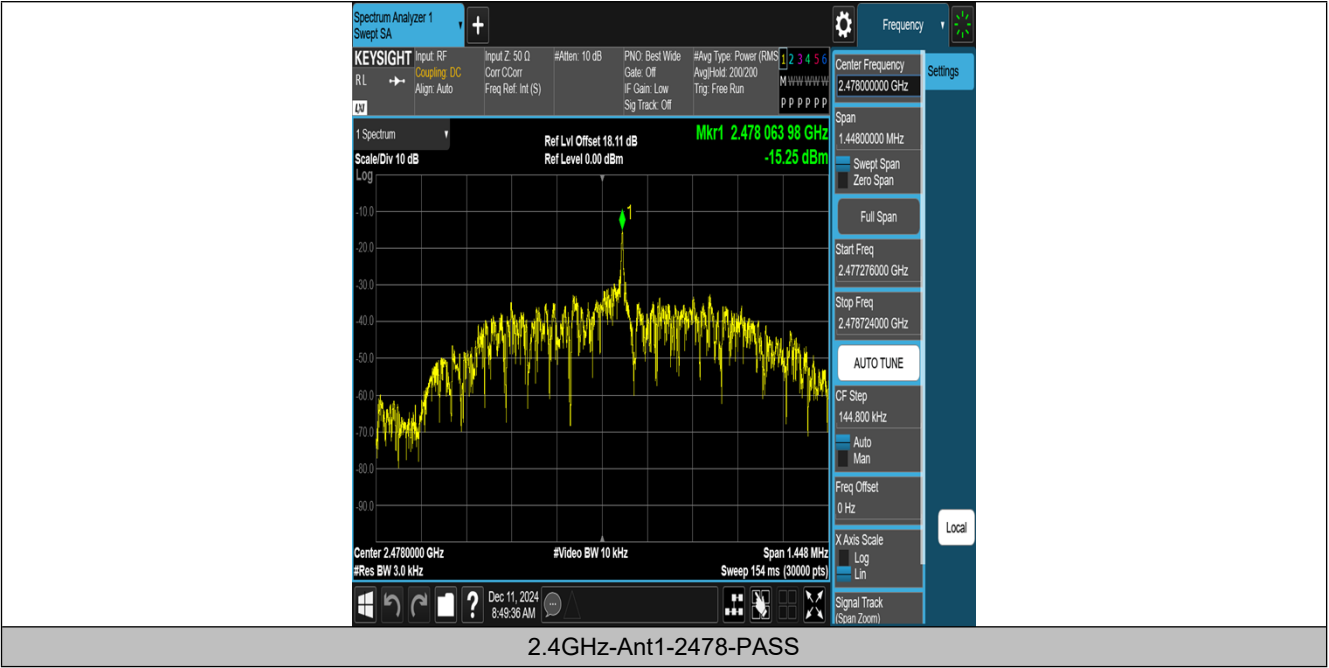


Appendix A: Test Results of 2.4GHz

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Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
2.4GHz	Ant1	2478	-15.25	≤8.00	PASS



Appendix A.2: Test Results of 6dB Bandwidth

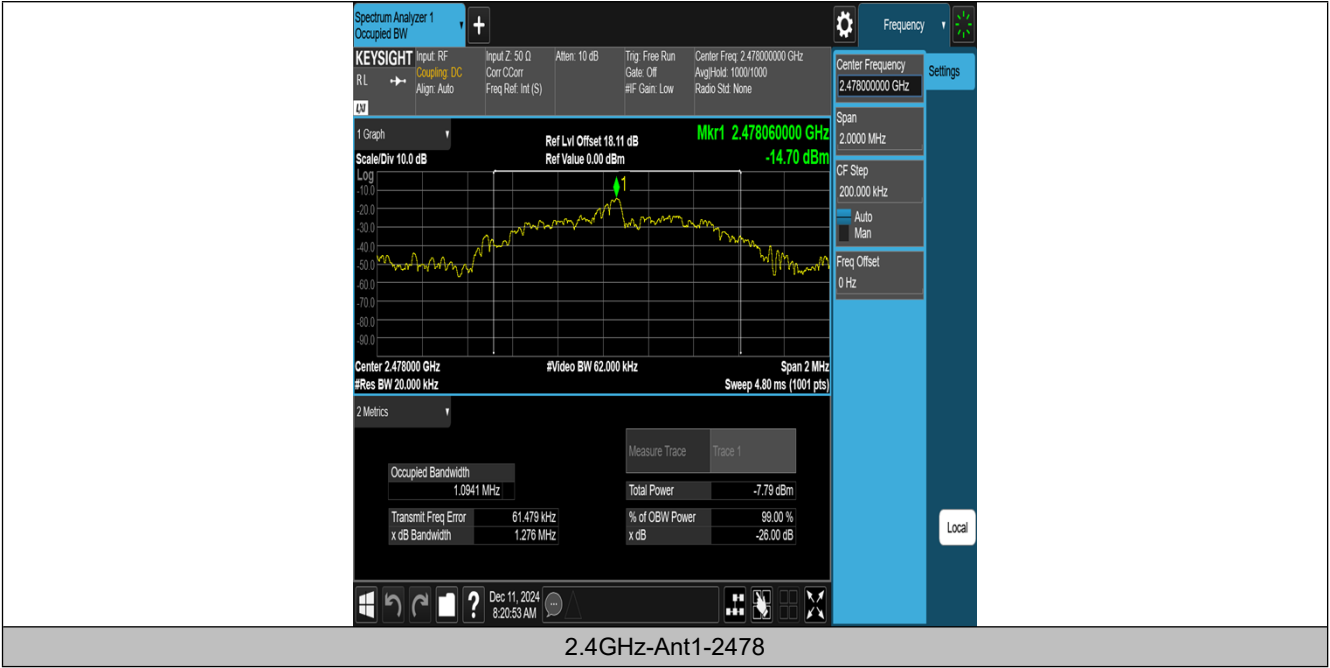
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
2.4GHz	Ant1	2478	0.724	2477.714	2478.438	0.5	PASS



2.4GHz-Ant1-2478-PASS

Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
2.4GHz	Ant1	2478	1.0941	2477.5144	2478.6085	---	PASS



Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

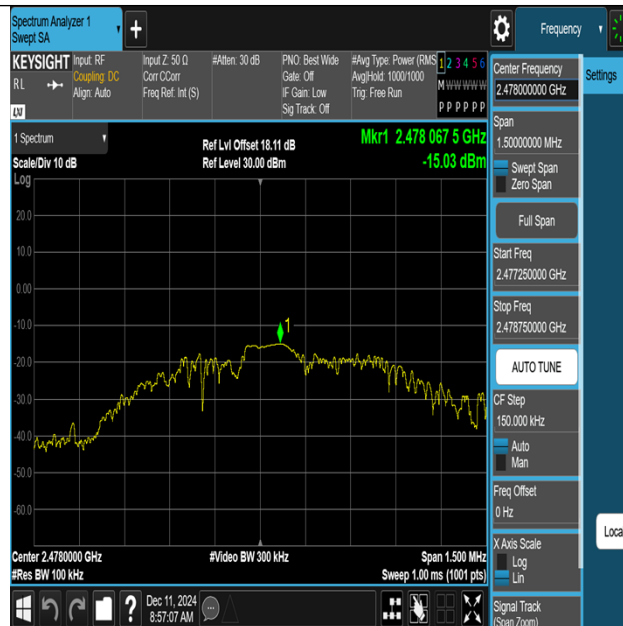
Band Edge

TestMode	Antenna	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	2478	-15.16	-62.99	≤-35.16	PASS

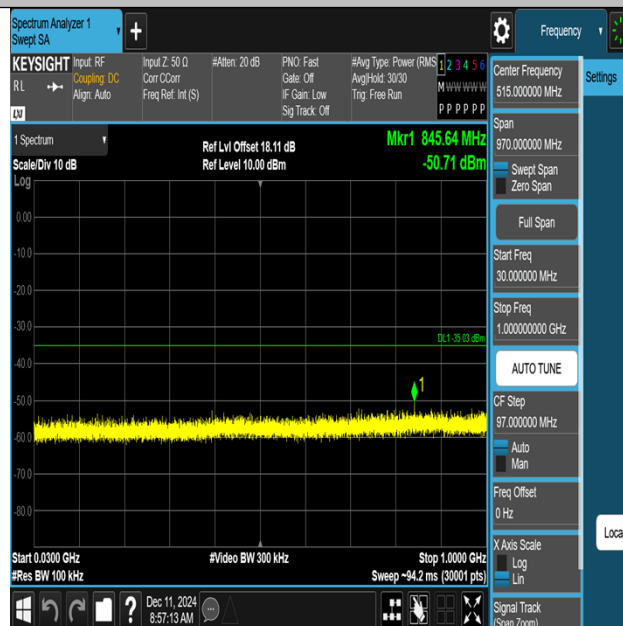


Conducted Spurious Emission

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	2478	0~Reference	-15.03	-15.03	---	PASS
2.4GHz	Ant1	2478	30~1000	-15.03	-50.71	≤-35.03	PASS
2.4GHz	Ant1	2478	1000~26500	-15.03	-42.38	≤-35.03	PASS



2.4GHz-Ant1-2478-0~Reference-PASS



2.4GHz-Ant1-2478-30~1000-PASS



2.4GHz-Ant1-2478-1000~26500-PASS

Appendix A.5: Test Results of Radiated Spurious Emissions

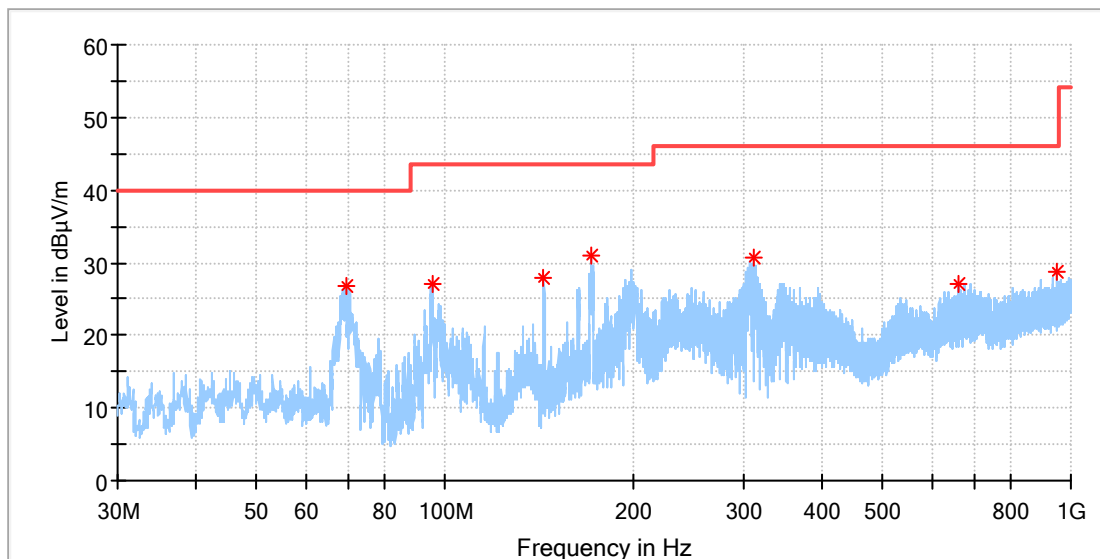
Note:

- 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.

30 MHz - 1GHz

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	2.4GHz
Order No/Sample No:	168513747/A003872682-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

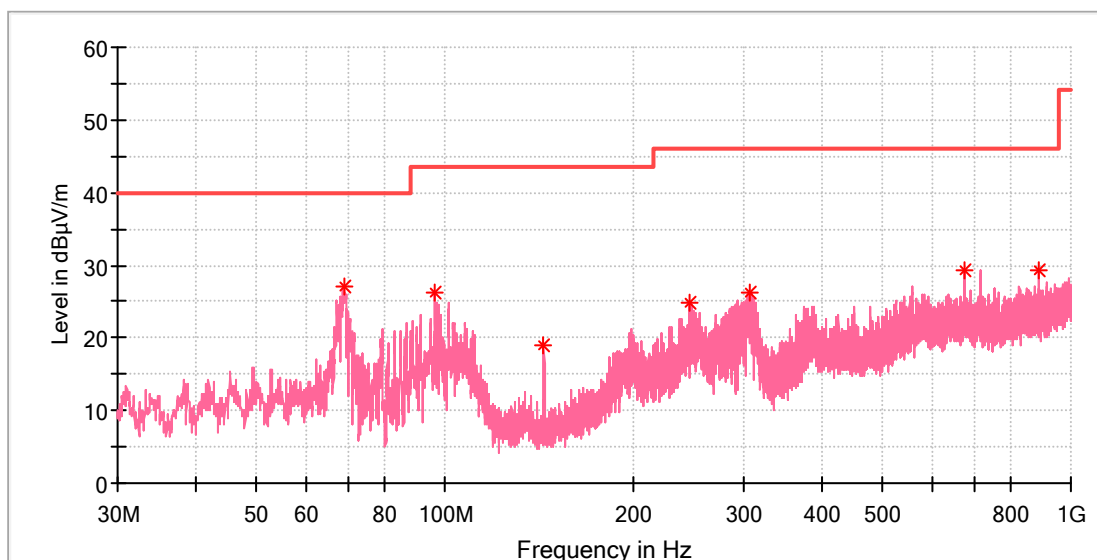
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
69.695385	26.87	40.00	13.13	100.0	H	126.0	-21.9
95.698846	27.11	43.50	16.39	100.0	H	357.0	-19.7
144.012308	27.99	43.50	15.51	100.0	H	177.0	-22.4
170.836539	31.01	43.50	12.49	100.0	H	0.0	-21.3
310.441923	30.56	46.00	15.44	100.0	H	135.0	-16.0
660.723846	27.08	46.00	18.92	100.0	H	300.0	-8.7
952.992308	28.66	46.00	17.34	100.0	H	317.0	-4.2

Final_Result

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

EUT Information

EUT Name: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
68.837308	26.96	40.00	13.04	100.0	V	74.0	-21.6
96.594231	26.17	43.50	17.33	100.0	V	23.0	-19.6
144.012308	19.08	43.50	24.42	100.0	V	251.0	-22.4
245.862308	24.85	46.00	21.15	100.0	V	355.0	-17.5
307.457308	26.34	46.00	19.66	100.0	V	0.0	-16.1
676.467692	29.19	46.00	16.81	100.0	V	0.0	-8.4
890.986923	29.25	46.00	16.75	100.0	V	157.0	-4.9

Final Result

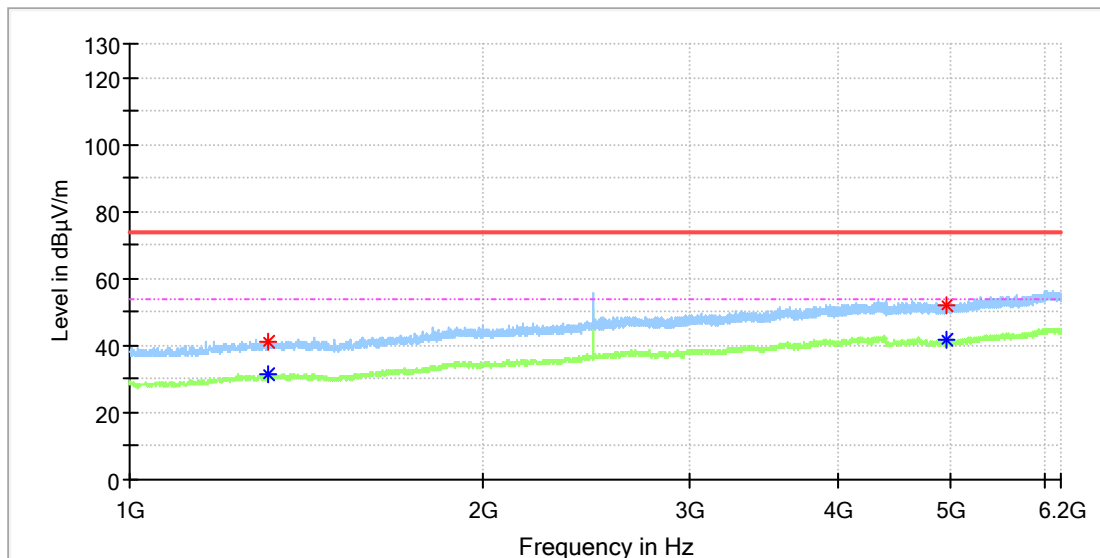
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Fundamental.

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	2.4GHz
Order No/Sample No:	168513747/A003872682-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

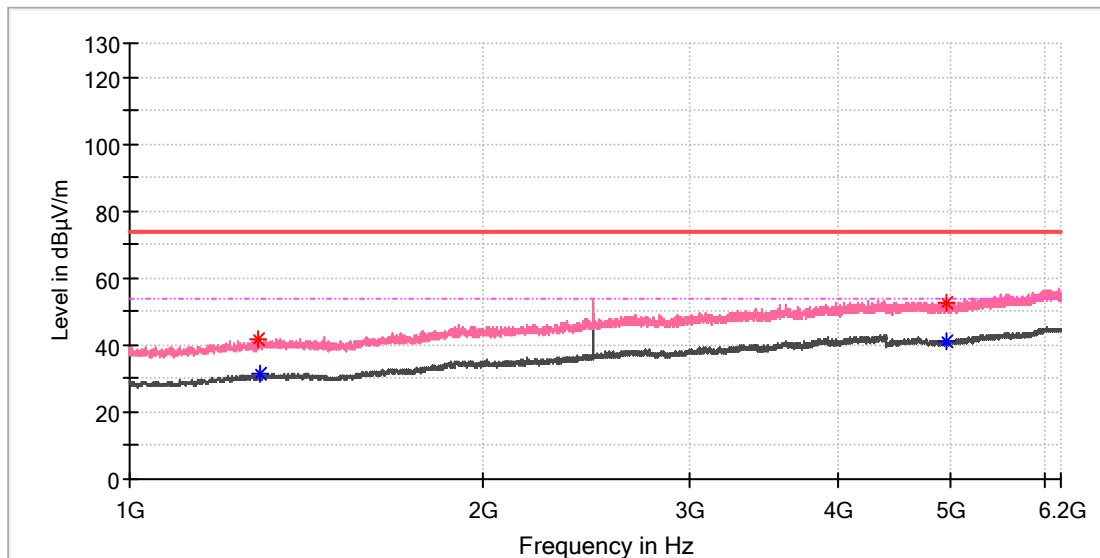
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1310.500000	41.41	---	74.00	32.59	150.0	H	306.0	2.8
1312.500000	---	31.30	54.00	22.70	150.0	H	272.0	2.8
4947.000000	51.88	---	74.00	22.12	150.0	H	44.0	13.3
4957.500000	---	41.47	54.00	12.53	150.0	H	232.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

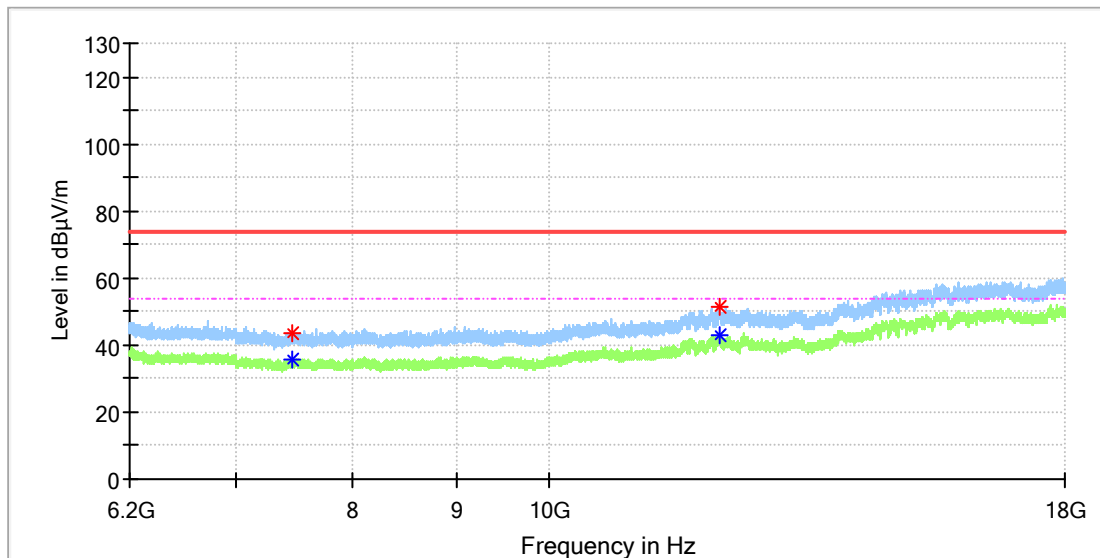
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.500000	41.85	---	74.00	32.15	150.0	V	110.0	2.7
1293.500000	---	31.16	54.00	22.84	150.0	V	123.0	2.7
4954.000000	52.36	---	74.00	21.64	150.0	V	94.0	13.3
4959.000000	---	41.40	54.00	12.60	150.0	V	320.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

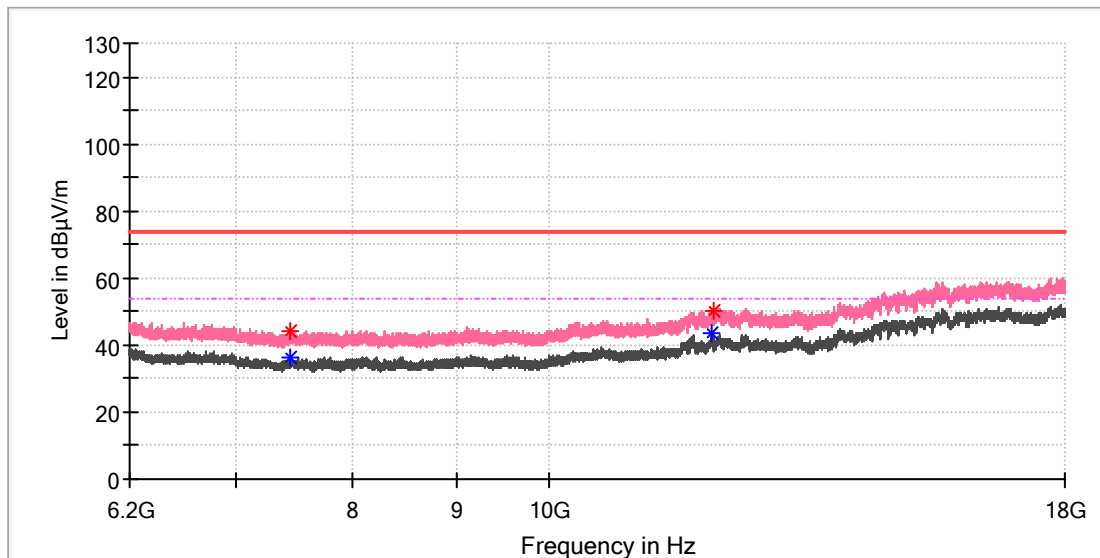
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7454.241667	---	35.38	54.00	18.62	150.0	H	312.0	8.5
7464.075000	43.47	---	74.00	30.53	150.0	H	323.0	8.6
12140.808333	51.43	---	74.00	22.57	150.0	H	312.0	16.5
12141.791667	---	42.77	54.00	11.23	150.0	H	213.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7446.866667	43.94	---	74.00	30.06	150.0	V	0.0	8.5
7447.850000	---	36.11	54.00	17.89	150.0	V	159.0	8.5
12045.425000	---	43.31	54.00	10.69	150.0	V	59.0	16.3
12050.833333	50.46	---	74.00	23.54	150.0	V	27.0	16.3

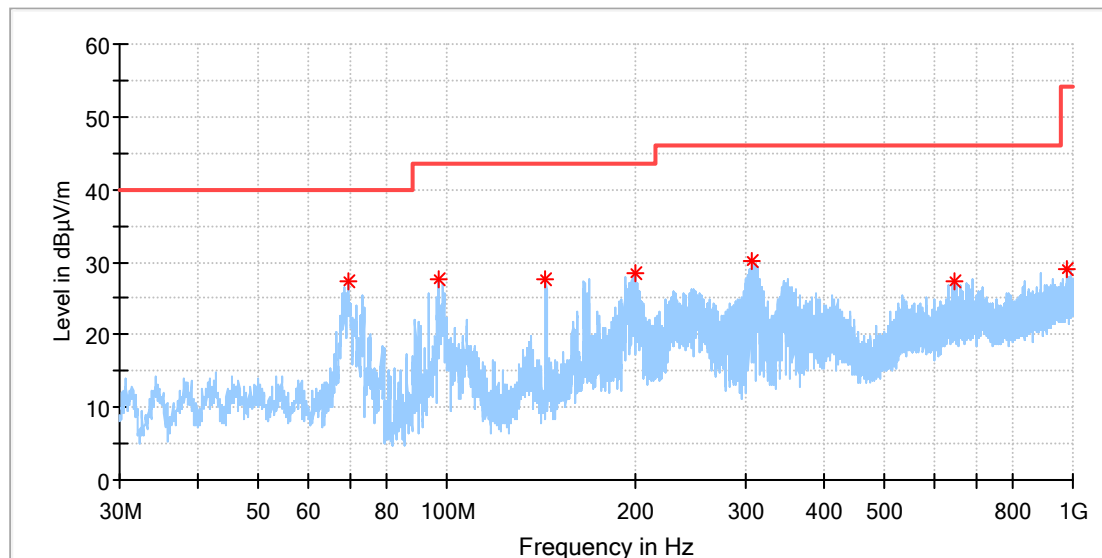
Final Result

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

30 MHz - 1GHz, Co-location

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	WIFI 2.4G+2.4GHz
Order No/Sample No:	168513747/A003867017-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

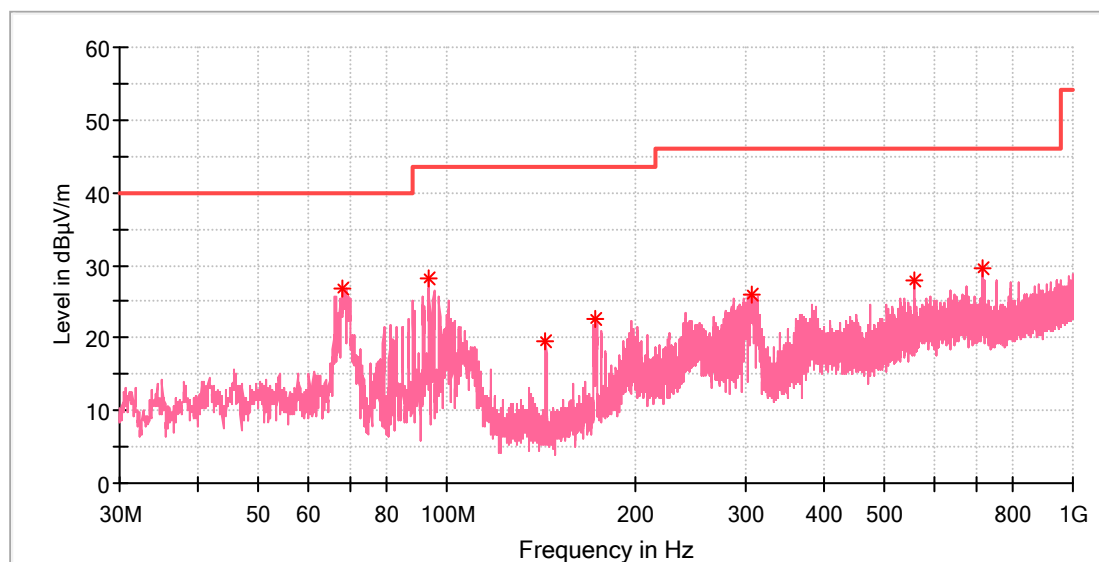
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
69.508846	27.48	40.00	12.52	100.0	H	359.0	-21.8
96.855385	27.76	43.50	15.74	100.0	H	339.0	-19.6
144.012308	27.62	43.50	15.88	100.0	H	174.0	-22.4
199.712692	28.56	43.50	14.94	100.0	H	157.0	-19.1
308.054231	30.17	46.00	15.83	100.0	H	140.0	-16.1
645.763462	27.47	46.00	18.53	100.0	H	294.0	-8.9
975.376923	29.05	54.00	24.95	100.0	H	116.0	-3.9

Final_Result

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

EUT Information

EUT Name: CORDLESS ROBOTIC POOL CLEANER
 Model: PRX9
 Test Mode: WIFI 2.4G+2.4GHz
 Order No/Sample No: 168513747/A003867017-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
67.979231	26.75	40.00	13.25	100.0	V	65.0	-21.3
93.684231	28.21	43.50	15.29	100.0	V	339.0	-20.2
144.012308	19.40	43.50	24.10	100.0	V	275.0	-22.4
172.851154	22.59	43.50	20.91	100.0	V	105.0	-21.2
306.487308	25.86	46.00	20.14	100.0	V	283.0	-16.1
557.530769	27.94	46.00	18.06	100.0	V	283.0	-10.6
716.088462	29.68	46.00	16.32	100.0	V	347.0	-7.6

Final Result

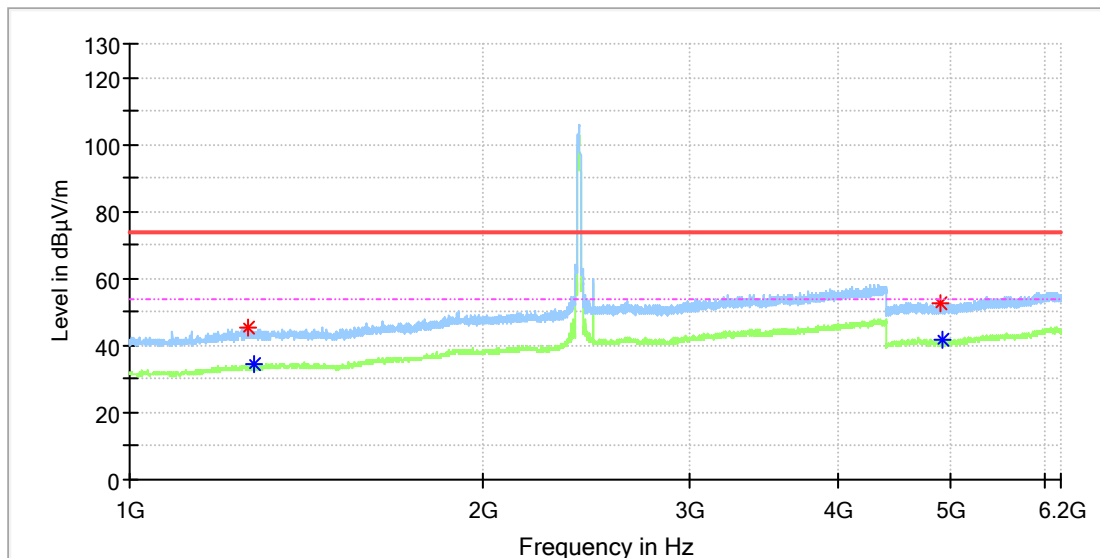
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz, Co-location

Note: The highest waveform in the figure is Wi-Fi or 2.4GHz Fundamental.

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	WIFI 2.4G+2.4GHz
Order No/Sample No:	168513747/A003867017-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

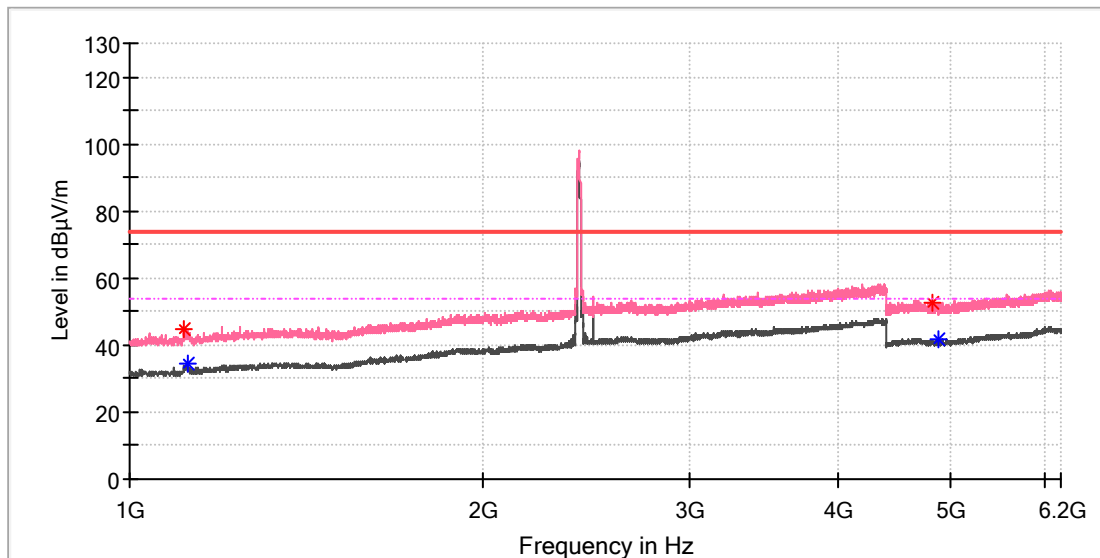
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1261.000000	45.46	---	74.00	28.54	150.0	H	31.0	2.7
1274.000000	---	34.35	54.00	19.65	150.0	H	3.0	2.7
4894.000000	52.34	---	74.00	21.66	150.0	H	359.0	13.3
4918.000000	---	41.58	54.00	12.42	150.0	H	302.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: WIFI 2.4G+2.4GHz
Order No/Sample No: 168513747/A003867017-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

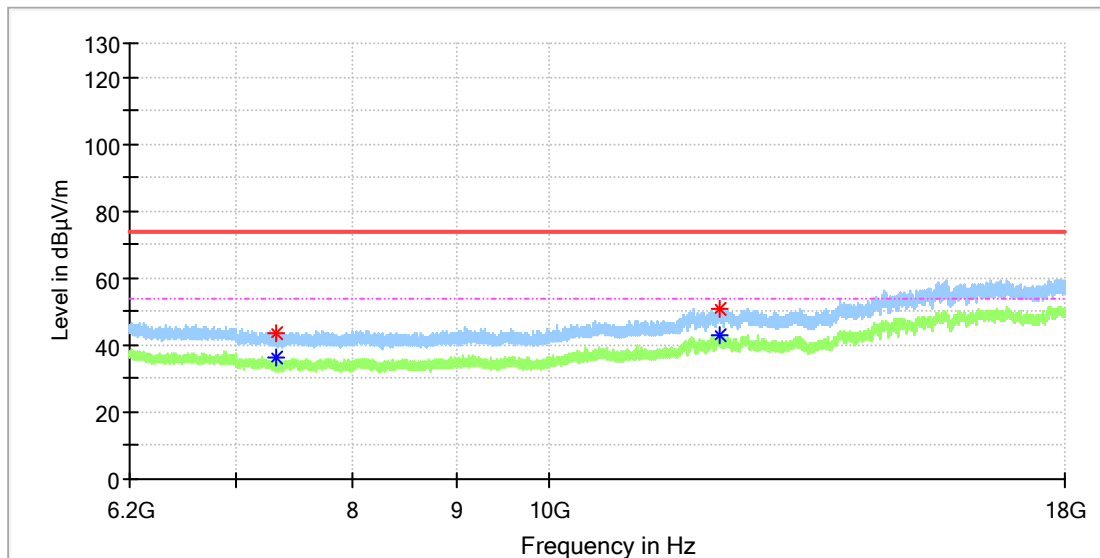
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.000000	44.72	---	74.00	29.28	150.0	V	261.0	0.7
1119.000000	---	34.72	54.00	19.28	150.0	V	273.0	0.8
4820.500000	52.40	---	74.00	21.60	150.0	V	340.0	13.3
4869.000000	---	41.70	54.00	12.30	150.0	V	80.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: WIFI 2.4G+2.4GHz
Order No/Sample No: 168513747/A003867017-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

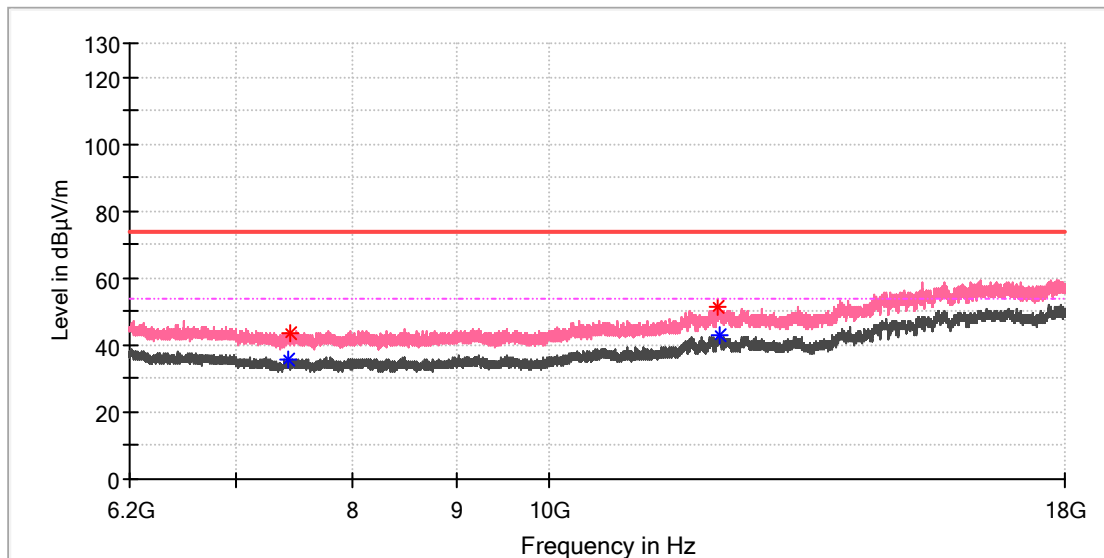
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	43.36	---	74.00	30.64	150.0	H	259.0	8.2
7330.341667	---	36.24	54.00	17.76	150.0	H	70.0	8.1
12146.708333	---	43.01	54.00	10.99	150.0	H	237.0	16.6
12148.183333	50.79	---	74.00	23.21	150.0	H	169.0	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: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: WIFI 2.4G+2.4GHz
Order No/Sample No: 168513747/A003867017-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7428.675000	---	35.86	54.00	18.14	150.0	V	165.0	8.4
7444.408333	43.51	---	74.00	30.49	150.0	V	0.0	8.5
12128.516667	51.20	---	74.00	22.80	150.0	V	223.0	16.2
12146.708333	---	43.04	54.00	10.96	150.0	V	355.0	16.6

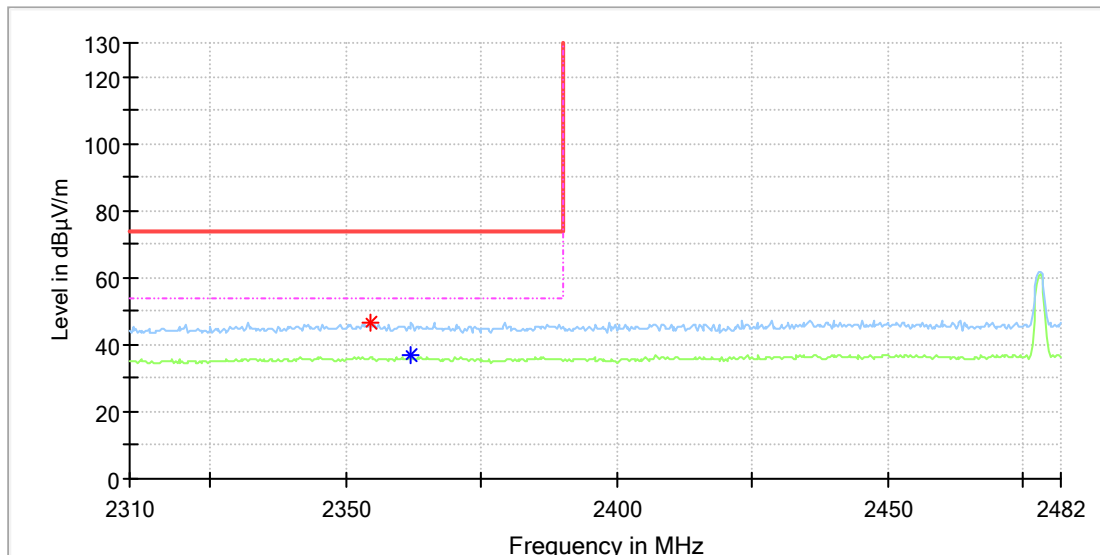
Final Result

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

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	2.4GHz
Order No/Sample No:	168513747/A003872682-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

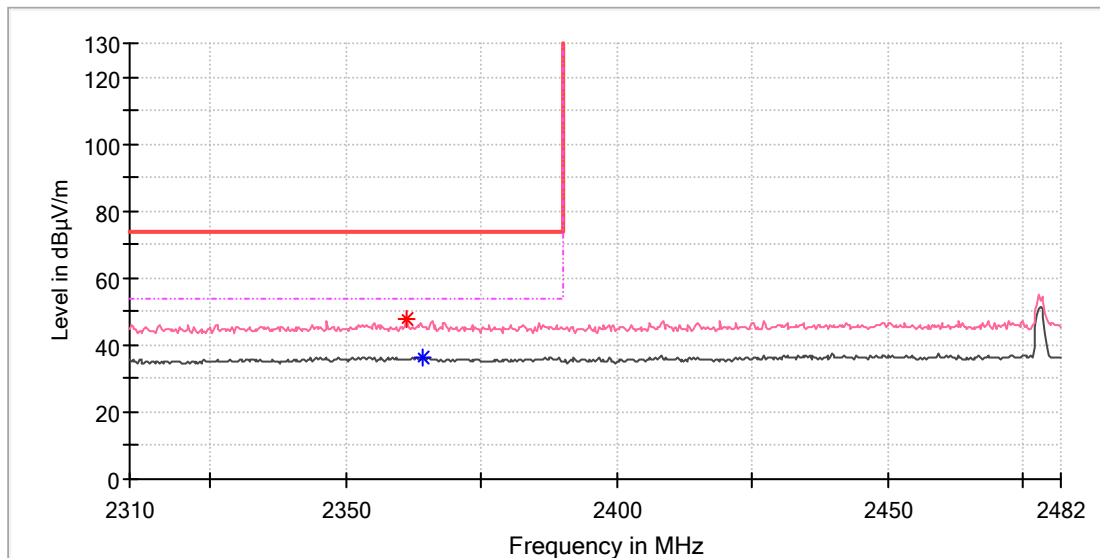
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2354.411765	46.51	---	74.00	27.49	150.0	H	234.0	8.5
2361.764706	---	36.76	54.00	17.24	150.0	H	17.0	8.5

Final_Result

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

EUT Information

EUT Name: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

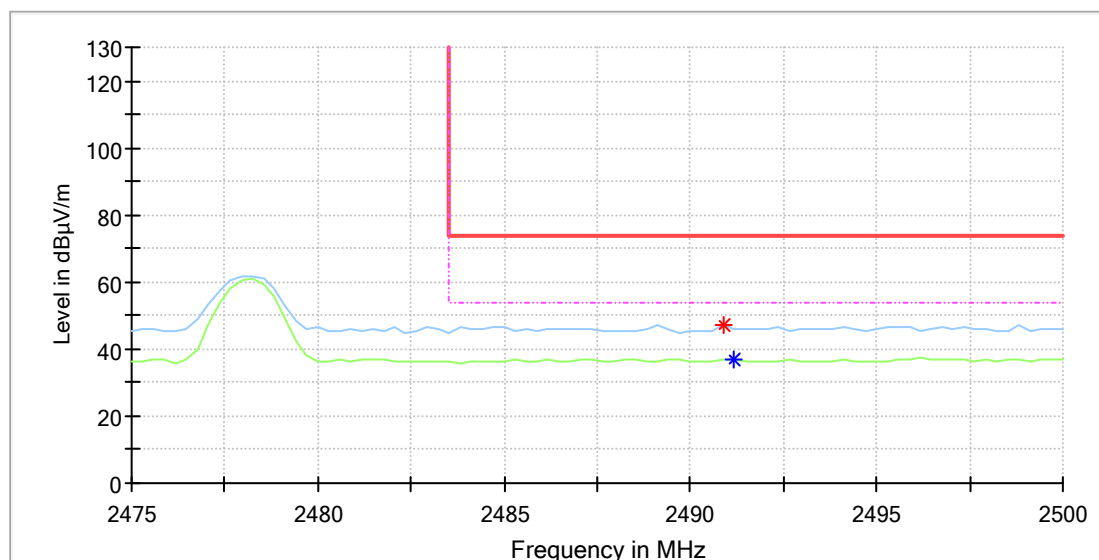
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.176471	47.47	---	74.00	26.53	150.0	V	314.0	8.5
2364.117647	---	36.27	54.00	17.73	150.0	V	284.0	8.5

Final Result

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

EUT Information

EUT Name:	CORDLESS ROBOTIC POOL CLEANER
Model:	PRX9
Test Mode:	2.4GHz
Order No/Sample No:	168513747/A003872682-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

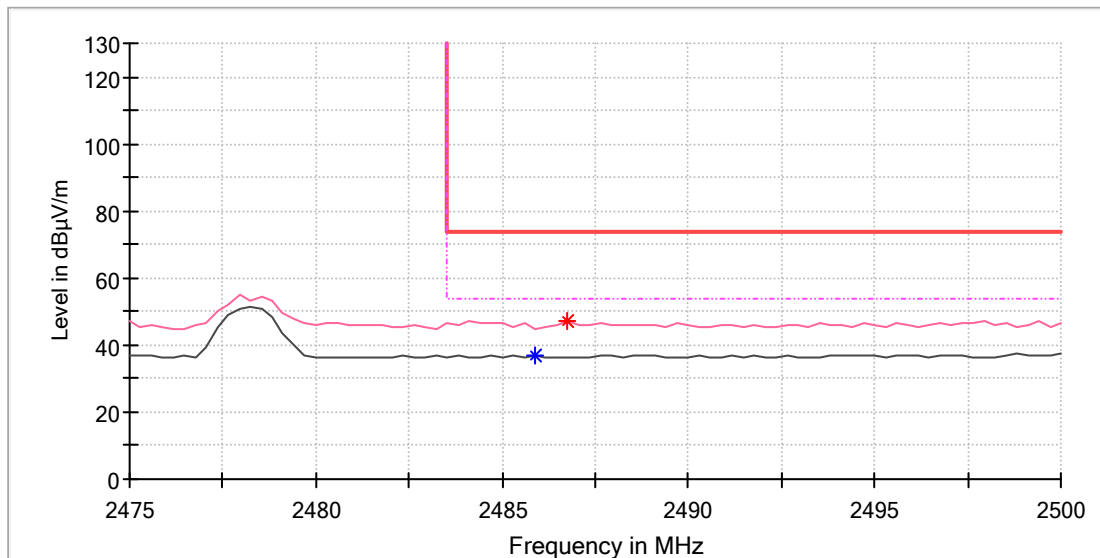
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2490.882353	47.46	---	74.00	26.54	150.0	H	223.0	9.0
2491.176471	---	36.91	54.00	17.09	150.0	H	302.0	9.0

Final Result

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

EUT Information

EUT Name: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.882353	---	37.11	54.00	16.89	150.0	V	120.0	9.0
2486.764706	47.11	---	74.00	26.89	150.0	V	42.0	9.0

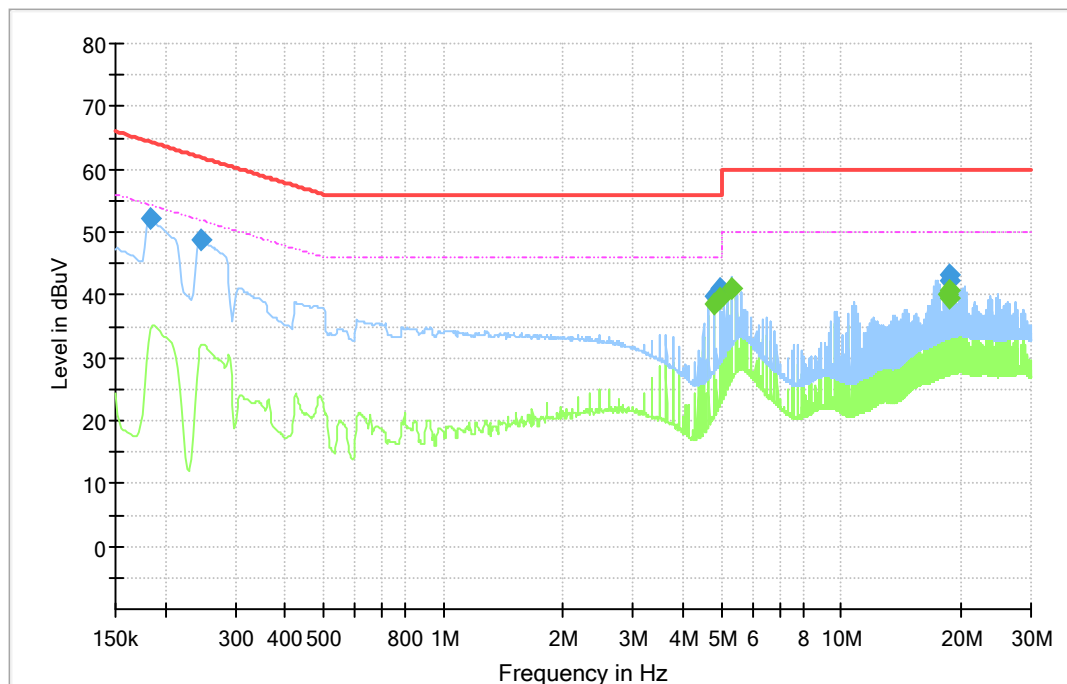
Final Result

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

Common Information

Test Description: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: Charging and Wireless link
Comment:

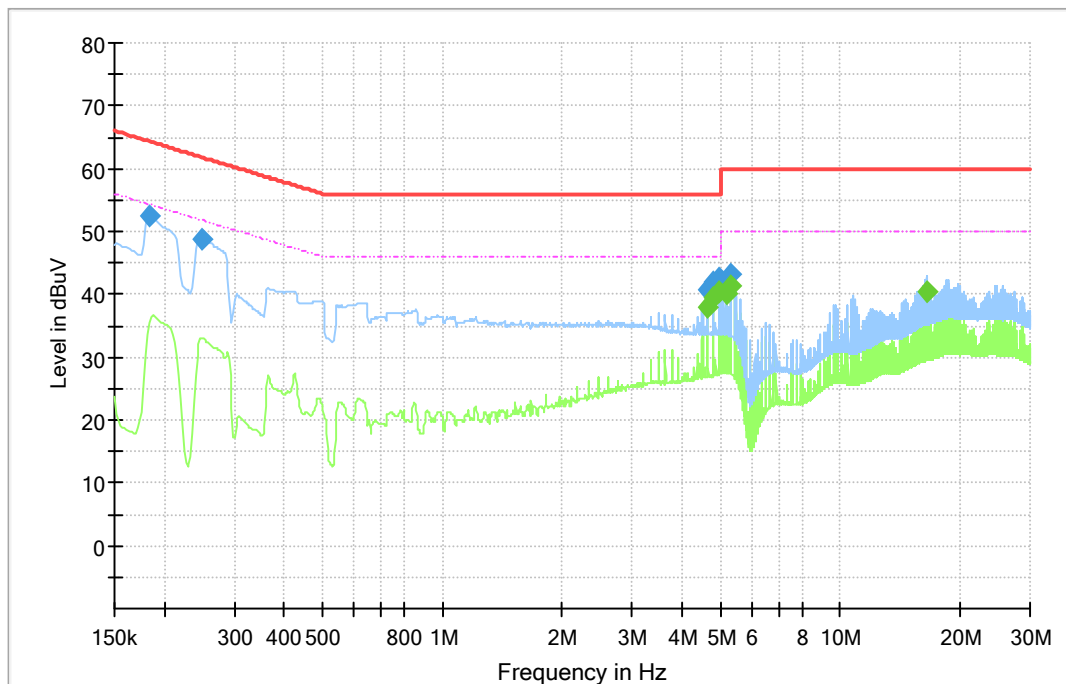


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Line	Corr. (dB)
0.183750	52.18	---	64.31	12.13	1000.0	9.000	L1	10.3
0.246750	48.80	---	61.87	13.07	1000.0	9.000	L1	10.3
4.800750	---	38.70	46.00	7.30	1000.0	9.000	L1	10.3
4.800750	39.91	---	56.00	16.09	1000.0	9.000	L1	10.3
4.944750	---	39.60	46.00	6.40	1000.0	9.000	L1	10.3
4.944750	40.93	---	56.00	15.07	1000.0	9.000	L1	10.3
5.309250	---	40.89	50.00	9.11	1000.0	9.000	L1	10.4
18.471750	---	40.12	50.00	9.88	1000.0	9.000	L1	11.0
18.618000	43.13	---	60.00	16.87	1000.0	9.000	L1	11.0
18.618000	---	40.65	50.00	9.35	1000.0	9.000	L1	11.0
18.764250	---	39.62	50.00	10.38	1000.0	9.000	L1	11.0
18.764250	42.36	---	60.00	17.64	1000.0	9.000	L1	11.0

Common Information

Test Description: CORDLESS ROBOTIC POOL CLEANER
Model: PRX9
Test Mode: Charging and Wireless link
Comment:



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Line	Corr. (dB)
0.183750	52.43	---	64.31	11.89	1000.0	9.000	N	10.6
0.249000	48.84	---	61.79	12.95	1000.0	9.000	N	10.7
4.654500	---	37.83	46.00	8.17	1000.0	9.000	N	10.7
4.654500	40.67	---	56.00	15.33	1000.0	9.000	N	10.7
4.800750	---	39.57	46.00	6.43	1000.0	9.000	N	10.7
4.800750	41.91	---	56.00	14.09	1000.0	9.000	N	10.7
4.944750	---	40.41	46.00	5.59	1000.0	9.000	N	10.7
4.944750	42.54	---	56.00	13.46	1000.0	9.000	N	10.7
5.163000	---	40.18	50.00	9.82	1000.0	9.000	N	10.7
5.309250	---	41.26	50.00	8.74	1000.0	9.000	N	10.7
5.309250	43.19	---	60.00	16.81	1000.0	9.000	N	10.7
16.435500	---	40.51	50.00	9.49	1000.0	9.000	N	11.2