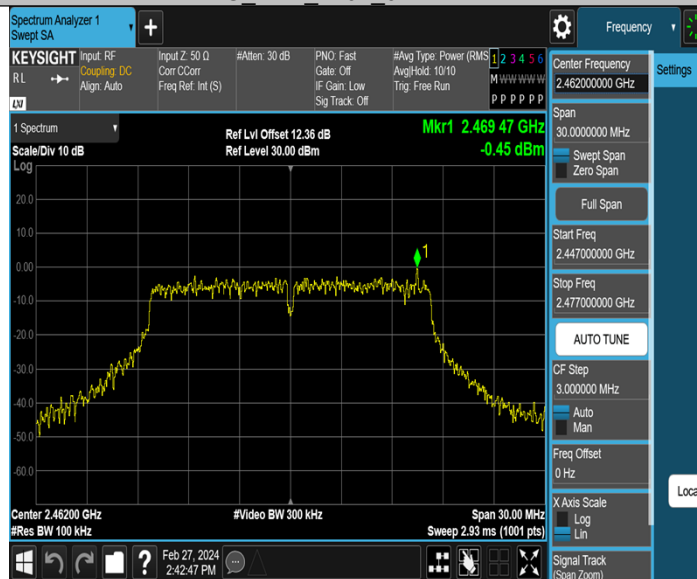


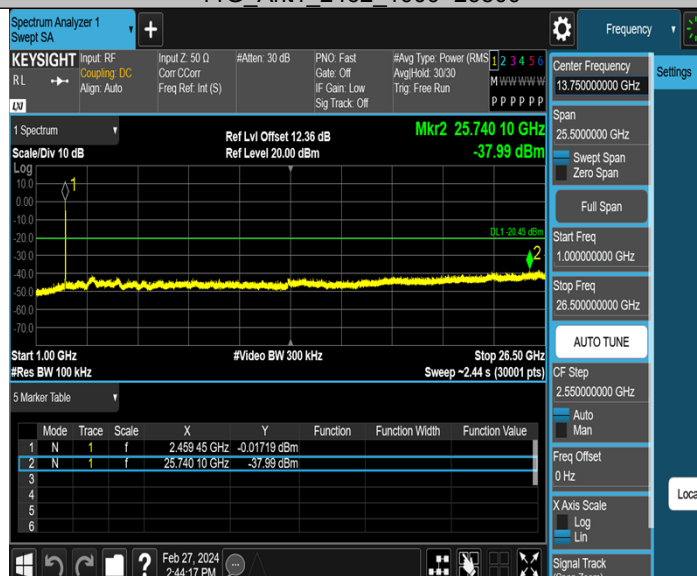
11G_Ant1_2462_0~Reference



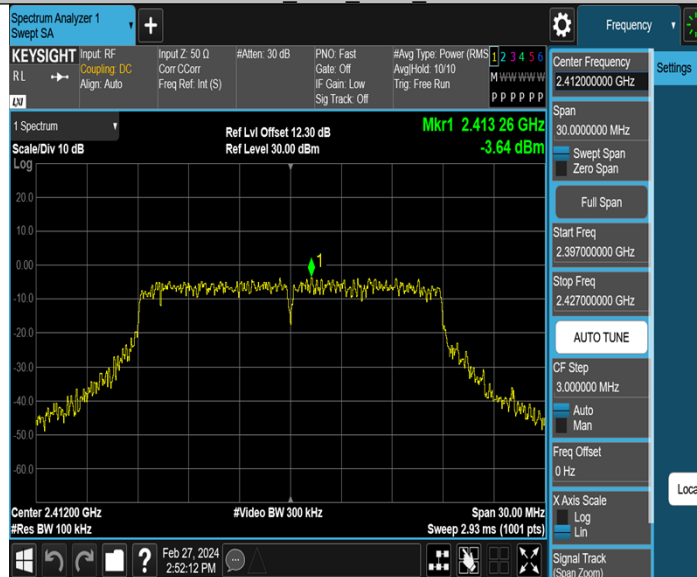
11G_Ant1_2462_30~1000



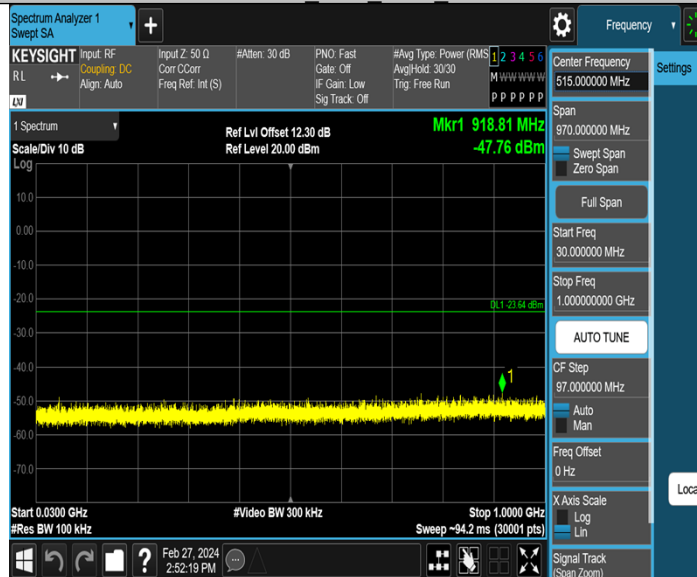
11G_Ant1_2462_1000~26500



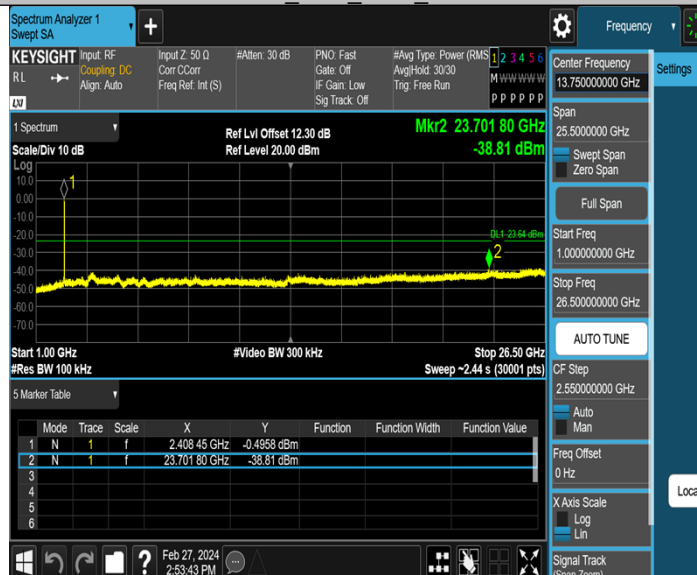
11N20SISO_Ant1_2412_0~Reference



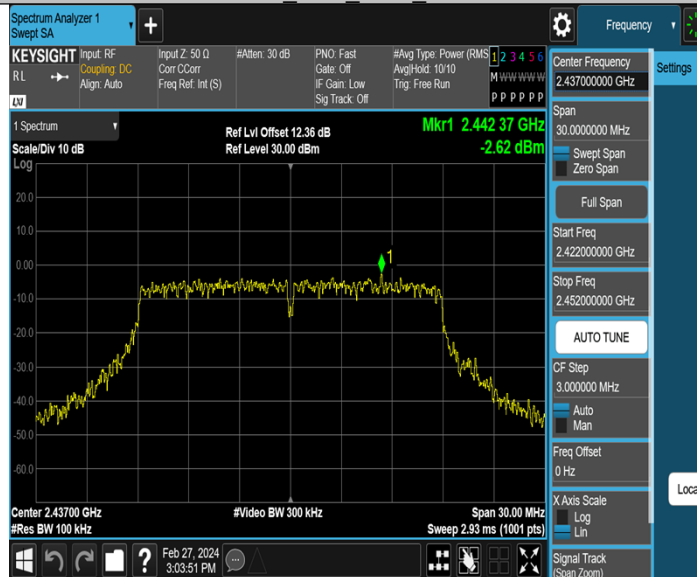
11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



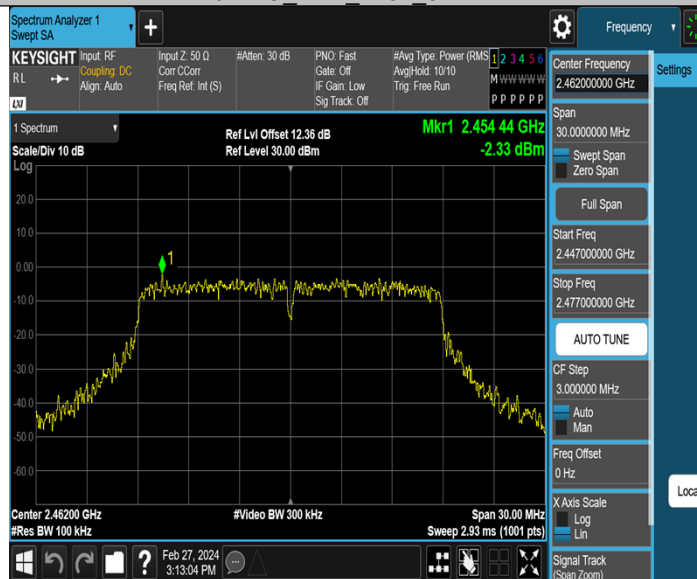
11N20SISO_Ant1_2437_30~1000



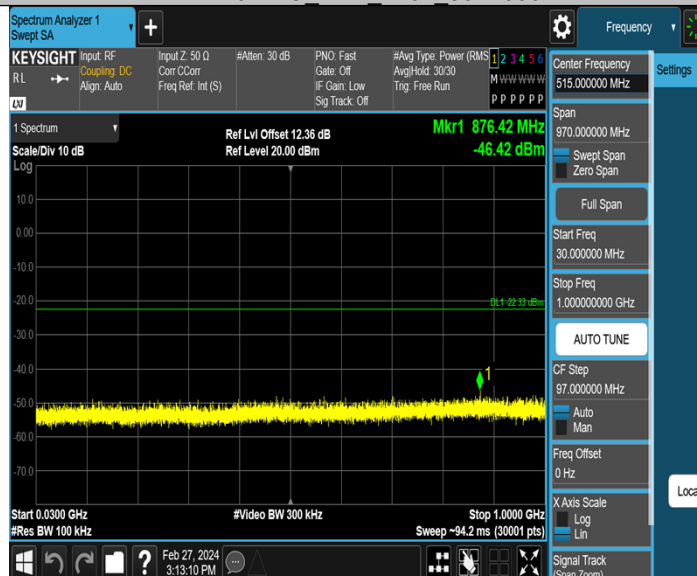
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

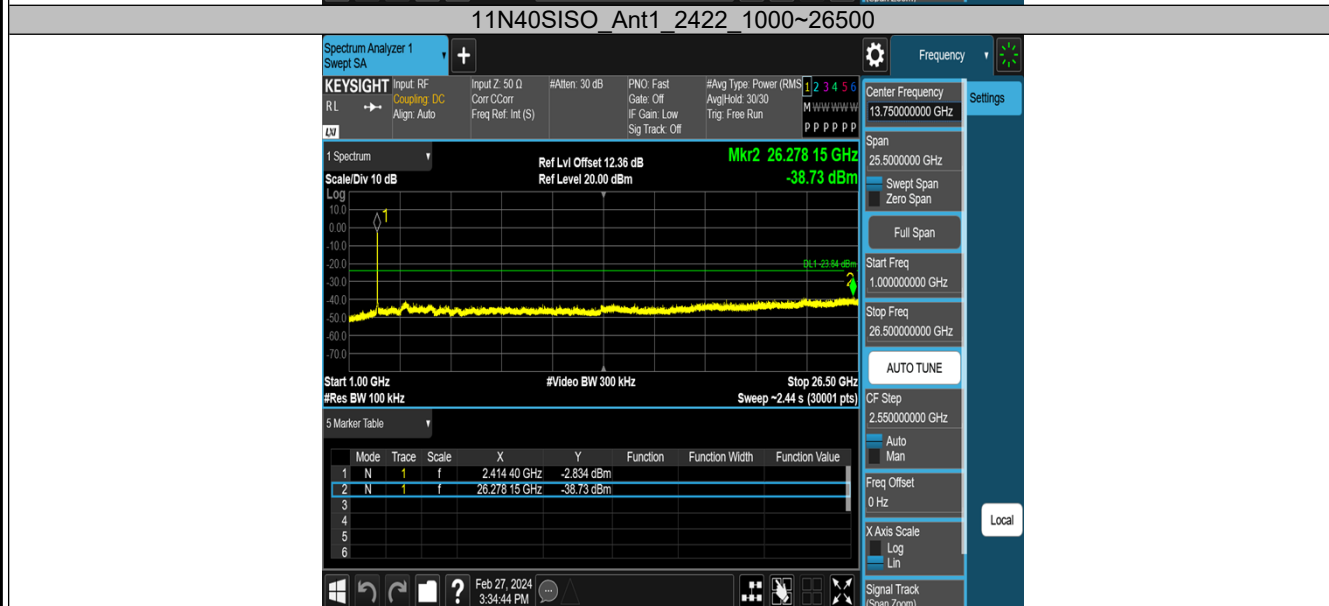


11N20SISO_Ant1_2462_30~1000

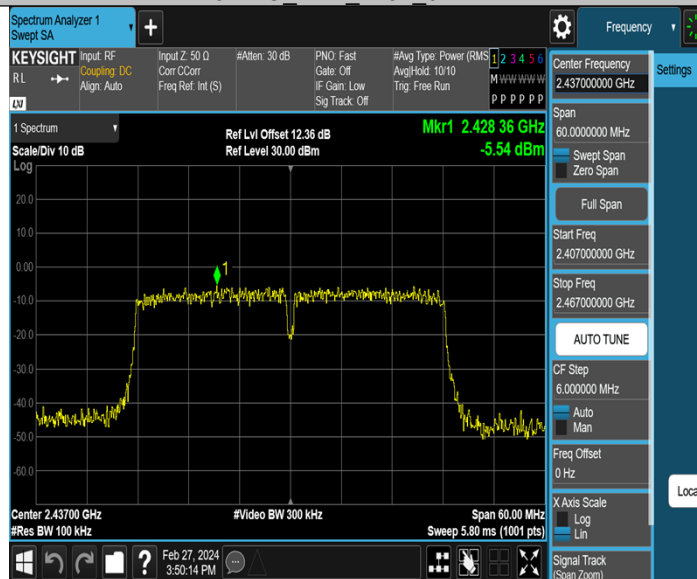


11N20SISO_Ant1_2462_1000~26500





11N40SISO_Ant1_2437_0~Reference



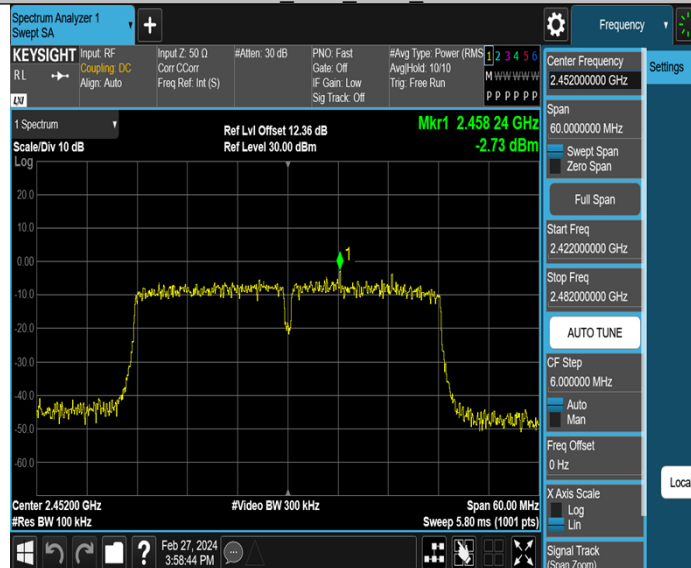
11N40SISO_Ant1_2437_30~1000



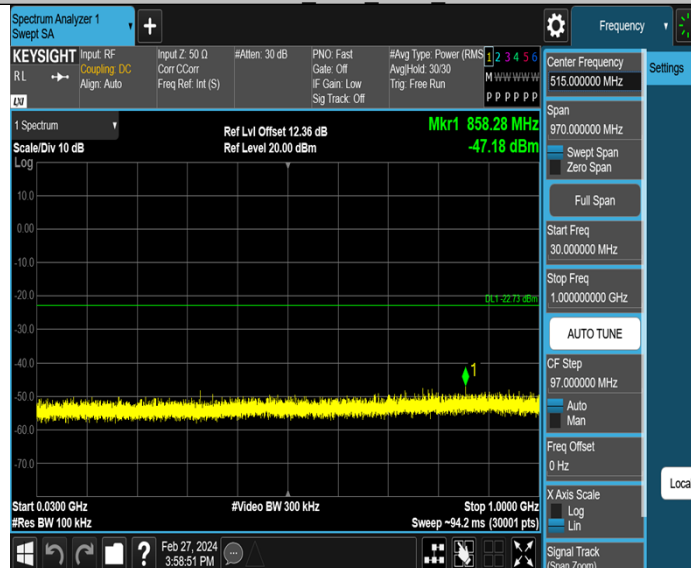
11N40SISO_Ant1_2437_1000~26500



11N40SISO Ant1 2452 0~Reference



11N40SISO Ant1 2452 30~1000



11N40SISO Ant1 2452 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

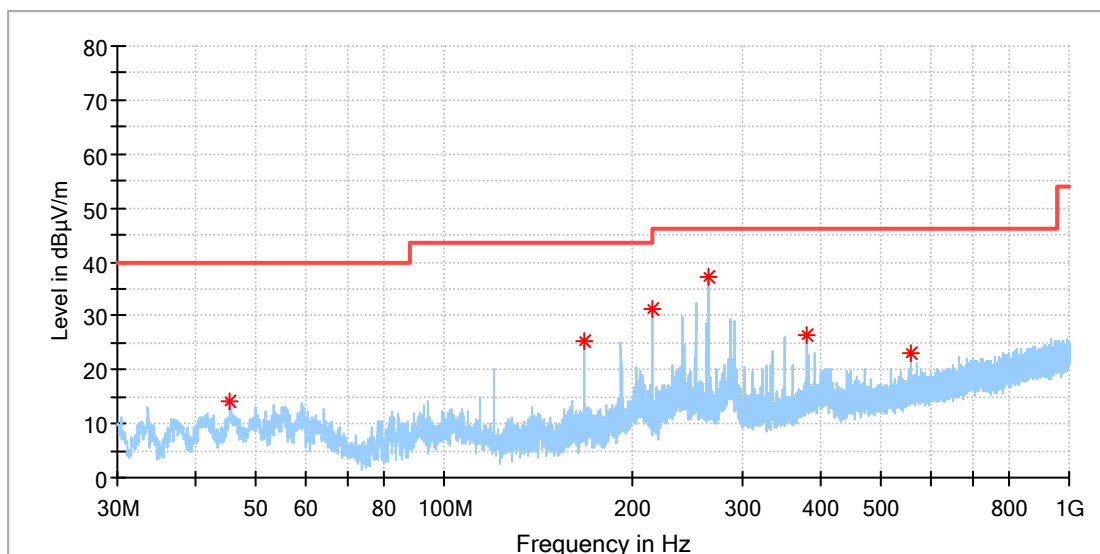
Note:

- 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 above 18GHz 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:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

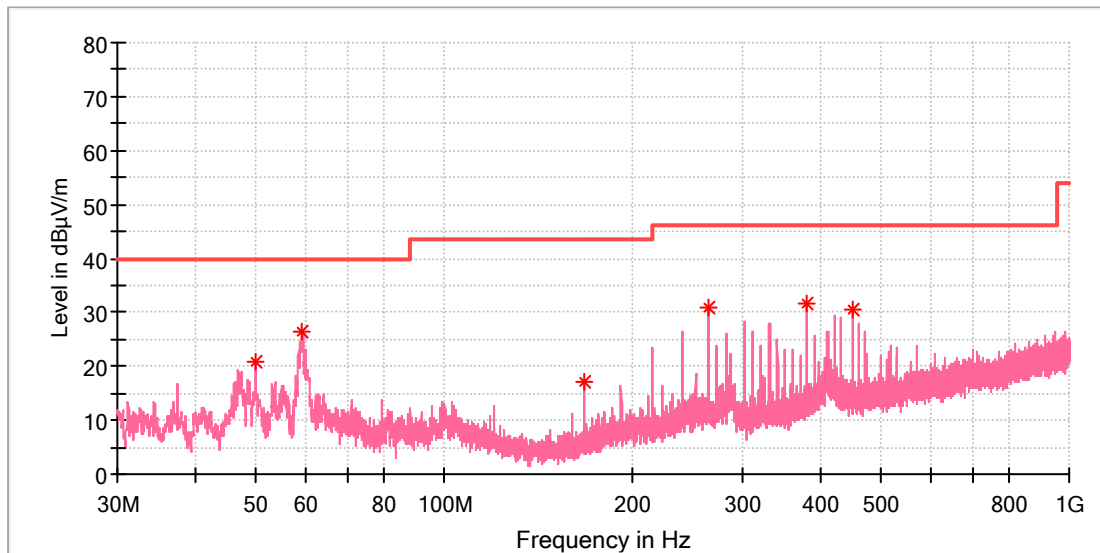
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.520000	14.28	40.00	25.72	100.0	H	86.0	-19.1
168.001154	25.12	43.50	18.38	100.0	H	5.0	-21.7
216.016154	31.31	46.00	14.69	100.0	H	20.0	-19.0
263.993846	37.07	46.00	8.93	100.0	H	201.0	-17.4
381.140000	26.24	46.00	19.76	100.0	H	272.0	-14.5
559.843846	23.15	46.00	22.85	100.0	H	5.0	-11.0

Final_Result

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

EUT Information

EUT Name:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
49.996923	20.89	40.00	19.11	100.0	V	168.0	-18.6
59.361154	26.42	40.00	13.58	100.0	V	19.0	-19.2
168.001154	17.06	43.50	26.44	100.0	V	233.0	-21.7
263.993846	30.82	46.00	15.18	100.0	V	243.0	-17.4
381.140000	31.73	46.00	14.27	100.0	V	283.0	-14.5
450.457692	30.51	46.00	15.49	100.0	V	19.0	-13.3

Final Result

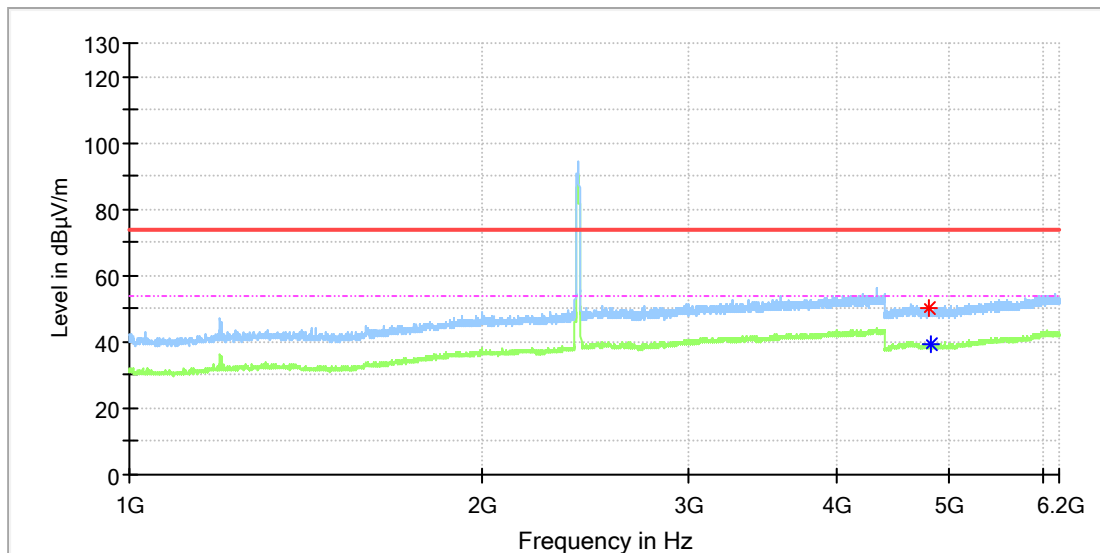
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

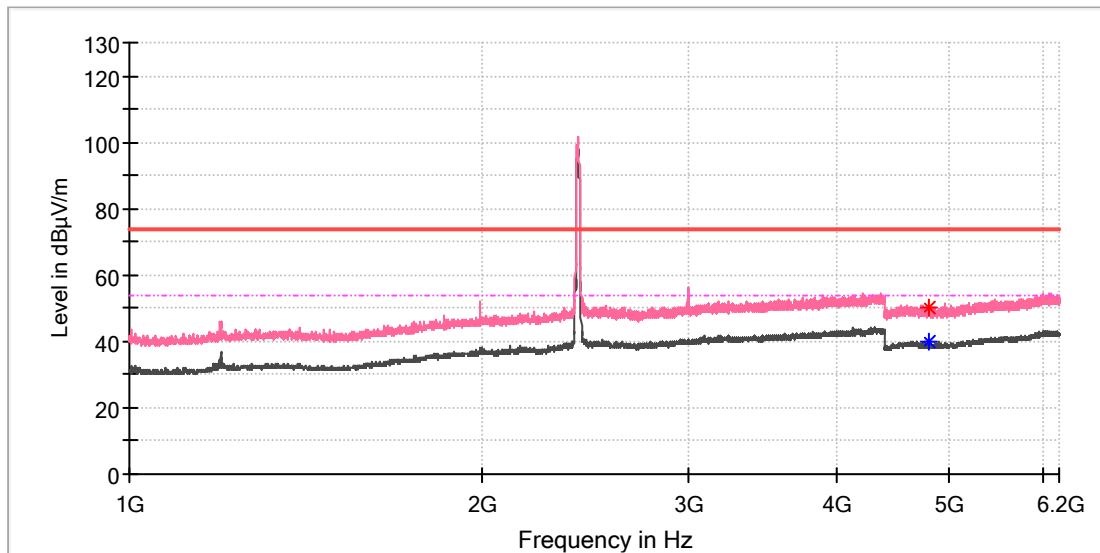
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	50.48	---	74.00	23.52	150.0	H	359.0	11.8
4820.000000	---	39.35	54.00	14.65	150.0	H	278.0	11.8

Final_Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

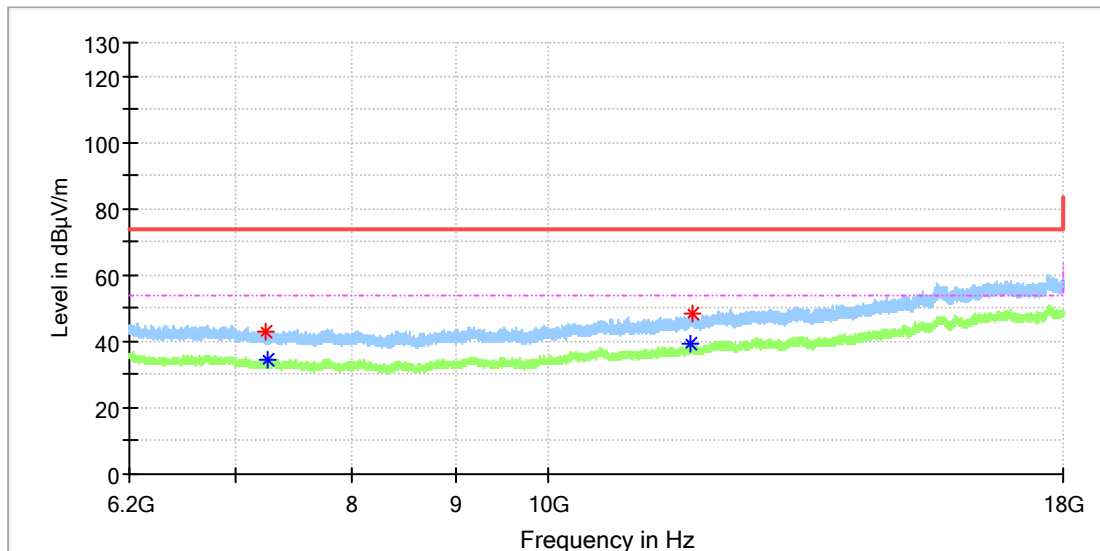
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.000000	50.29	---	74.00	23.71	150.0	V	134.0	11.8
4808.500000	---	39.98	54.00	14.02	150.0	V	340.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

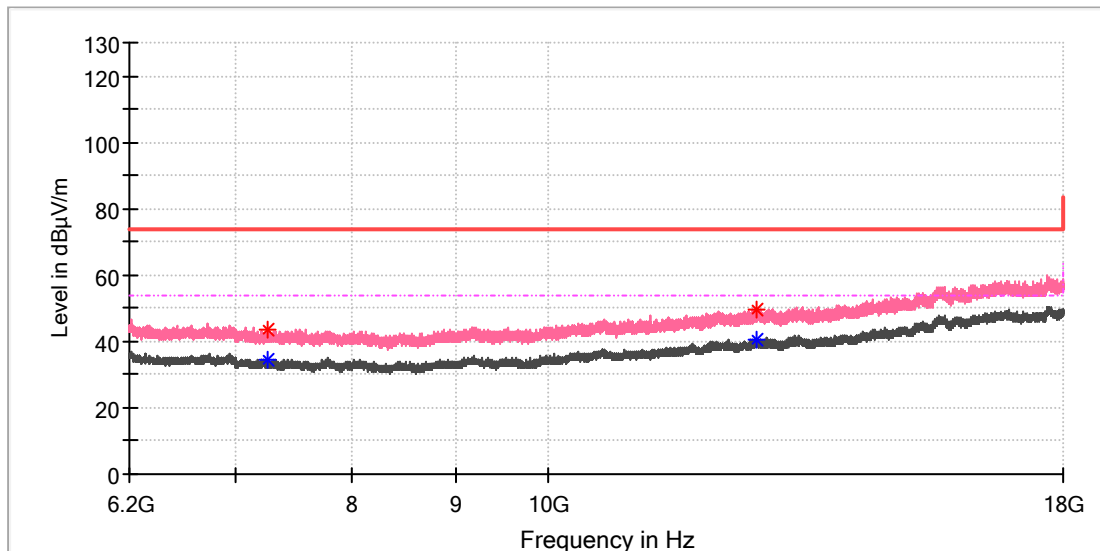
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7248.725000	42.81	---	74.00	31.19	150.0	H	308.0	8.5
7254.133333	---	34.70	54.00	19.30	150.0	H	139.0	8.5
11756.816667	---	39.33	54.00	14.67	150.0	H	150.0	13.4
11783.858333	48.31	---	74.00	25.69	150.0	H	200.0	13.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

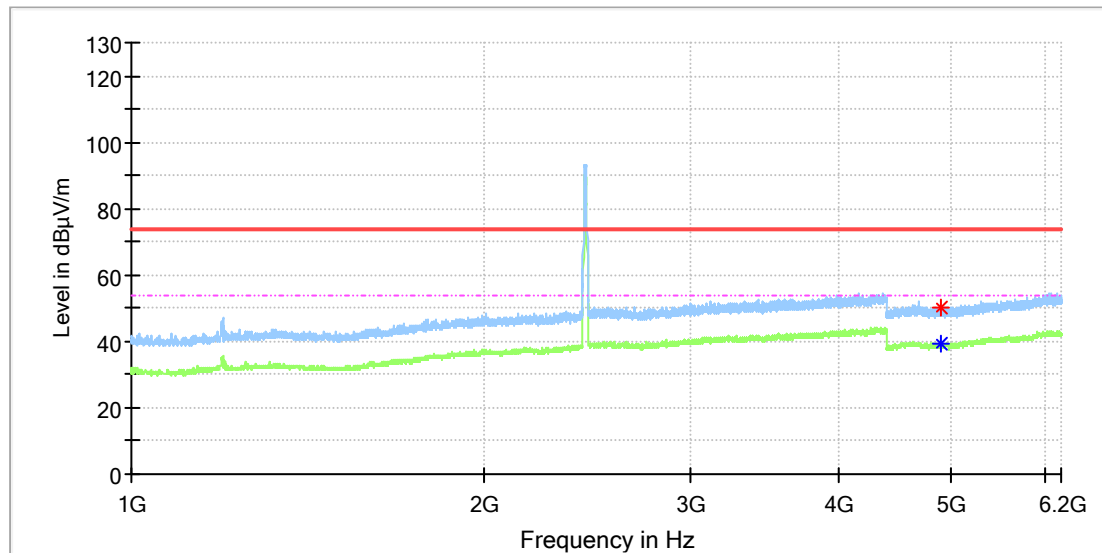
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7265.933333	43.73	---	74.00	30.27	150.0	V	187.0	8.5
7266.916667	---	34.46	54.00	19.54	150.0	V	101.0	8.5
12681.641667	---	40.33	54.00	13.67	150.0	V	187.0	15.1
12693.933333	49.71	---	74.00	24.29	150.0	V	199.0	15.1

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

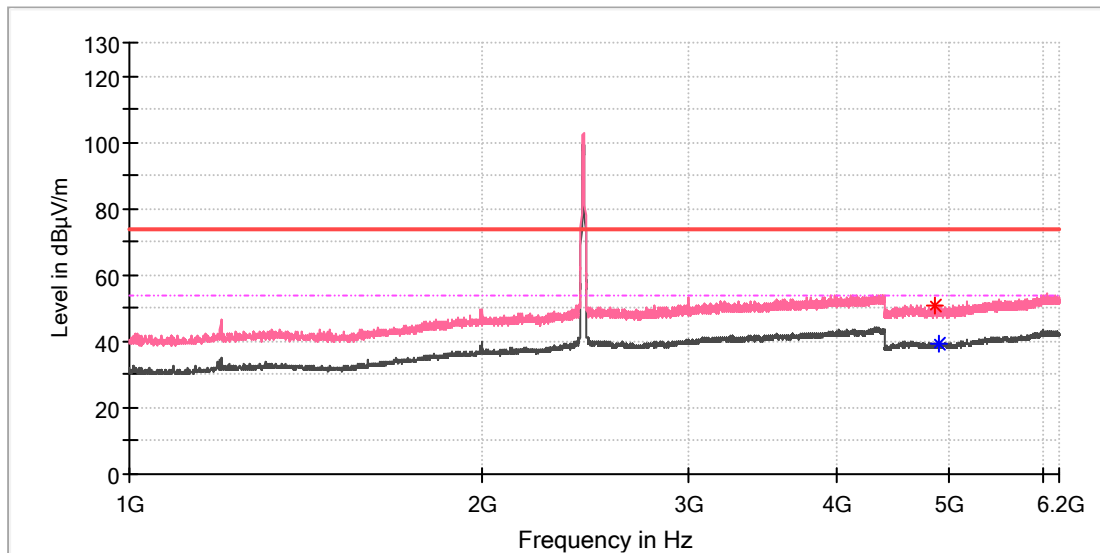
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4891.500000	49.91	---	74.00	24.09	150.0	H	349.0	11.8
4899.500000	---	39.22	54.00	14.78	150.0	H	91.0	11.8

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: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

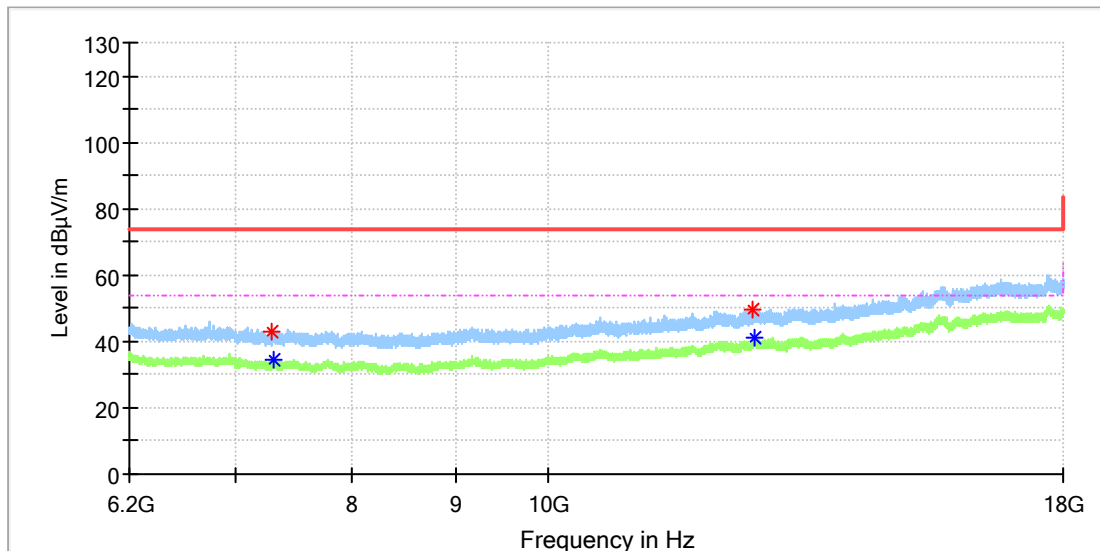
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	50.90	---	74.00	23.10	150.0	V	259.0	11.8
4899.000000	---	39.38	54.00	14.62	150.0	V	300.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

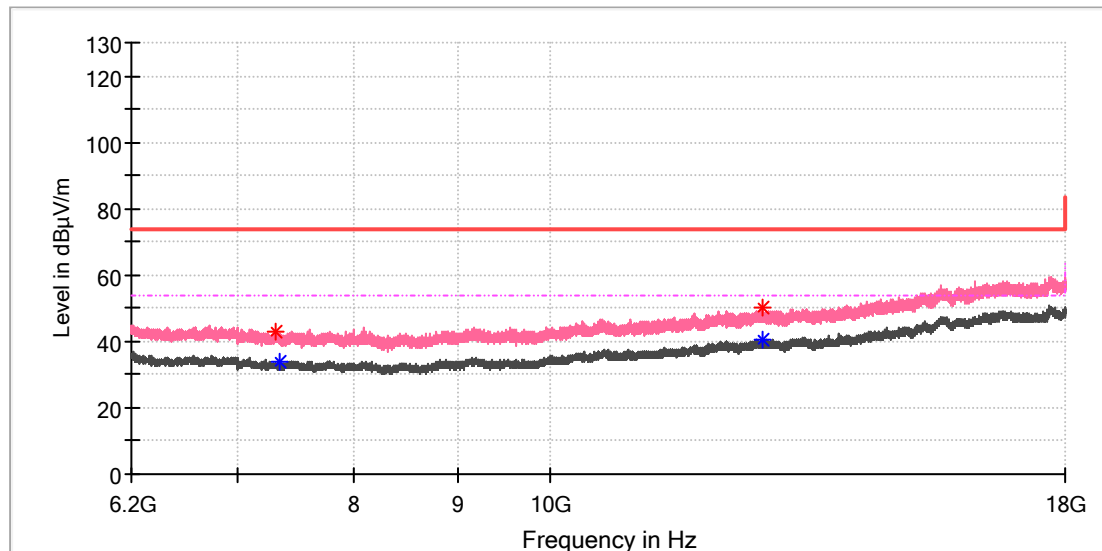
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7291.500000	42.85	---	74.00	31.15	150.0	H	164.0	8.3
7316.575000	---	34.31	54.00	19.69	150.0	H	235.0	8.2
12640.341667	49.61	---	74.00	24.40	150.0	H	33.0	15.0
12669.841667	---	40.88	54.00	13.12	150.0	H	175.0	15.1

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

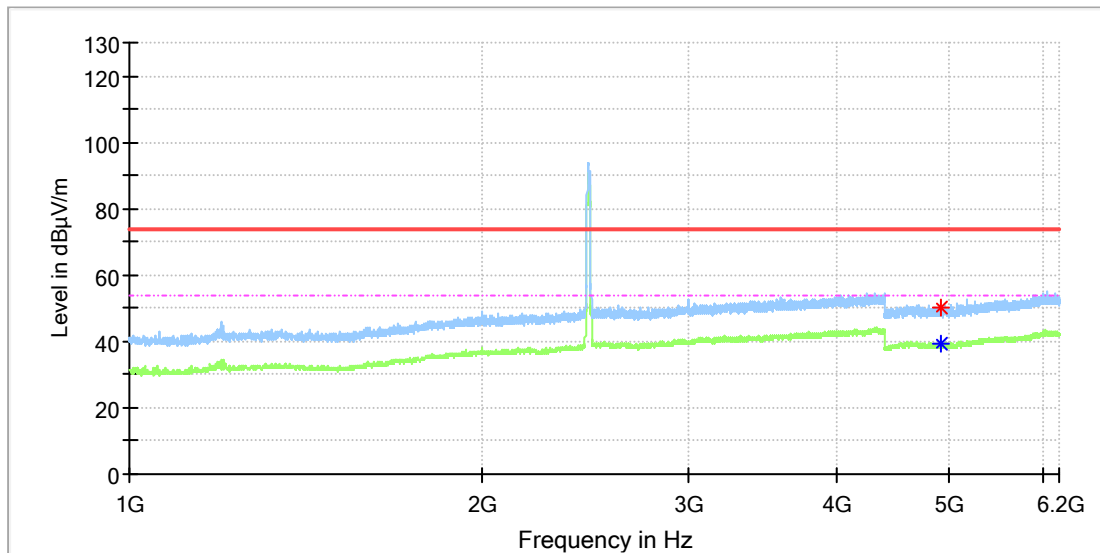
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.316667	43.09	---	74.00	30.91	150.0	V	282.0	8.3
7335.258333	---	33.67	54.00	20.33	150.0	V	0.0	8.1
12734.250000	---	40.58	54.00	13.42	150.0	V	49.0	15.2
12740.641667	50.03	---	74.00	23.97	150.0	V	21.0	15.2

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

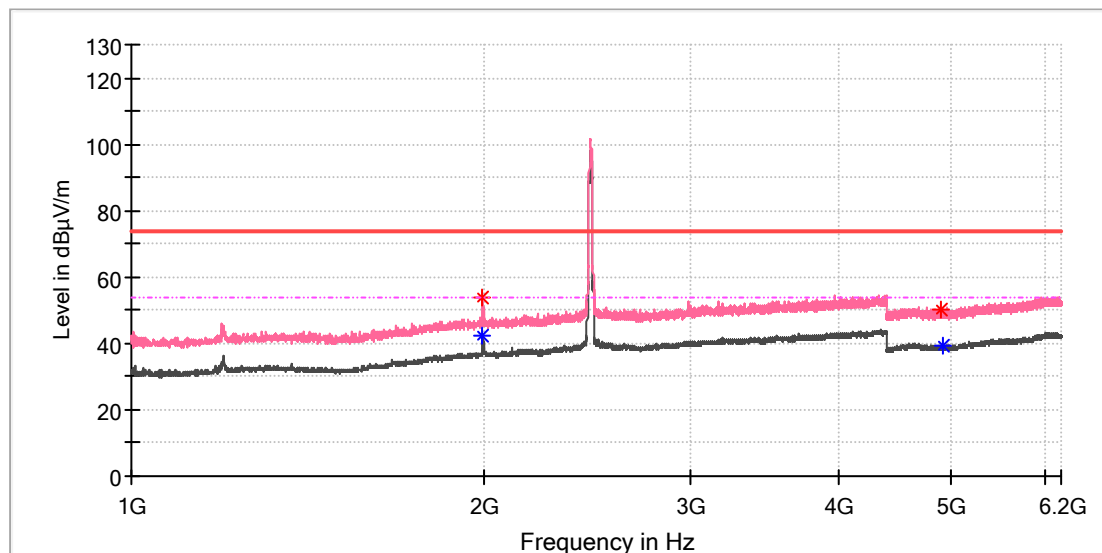
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.000000	50.05	---	74.00	23.95	150.0	H	289.0	11.8
4914.500000	---	39.21	54.00	14.79	150.0	H	343.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

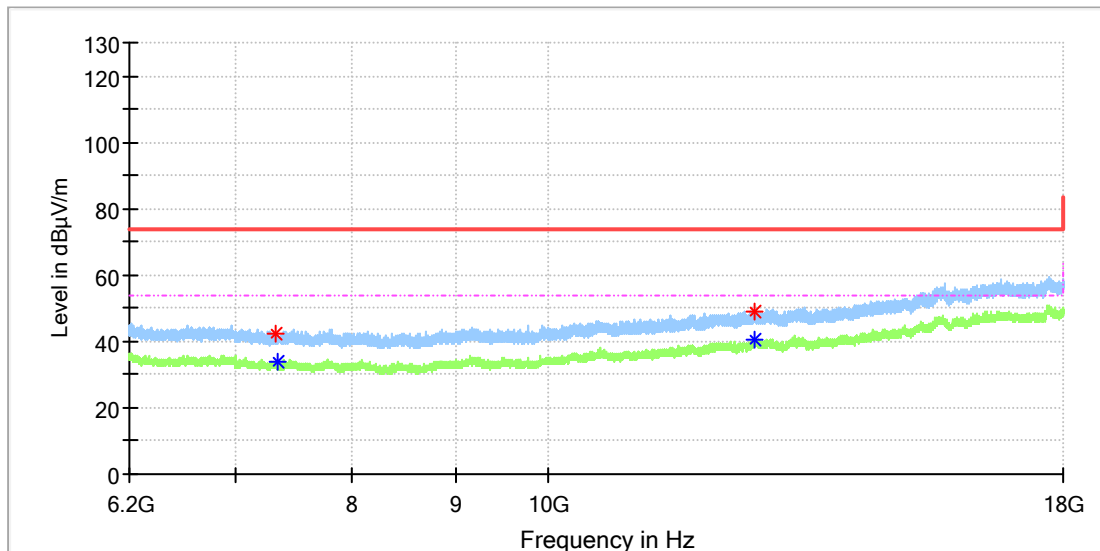
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1993.500000	53.96	---	74.00	20.04	150.0	V	279.0	6.0
1993.500000	---	42.14	54.00	11.86	150.0	V	279.0	6.0
4901.000000	50.36	---	74.00	23.64	150.0	V	183.0	11.8
4924.000000	---	39.10	54.00	14.90	150.0	V	293.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

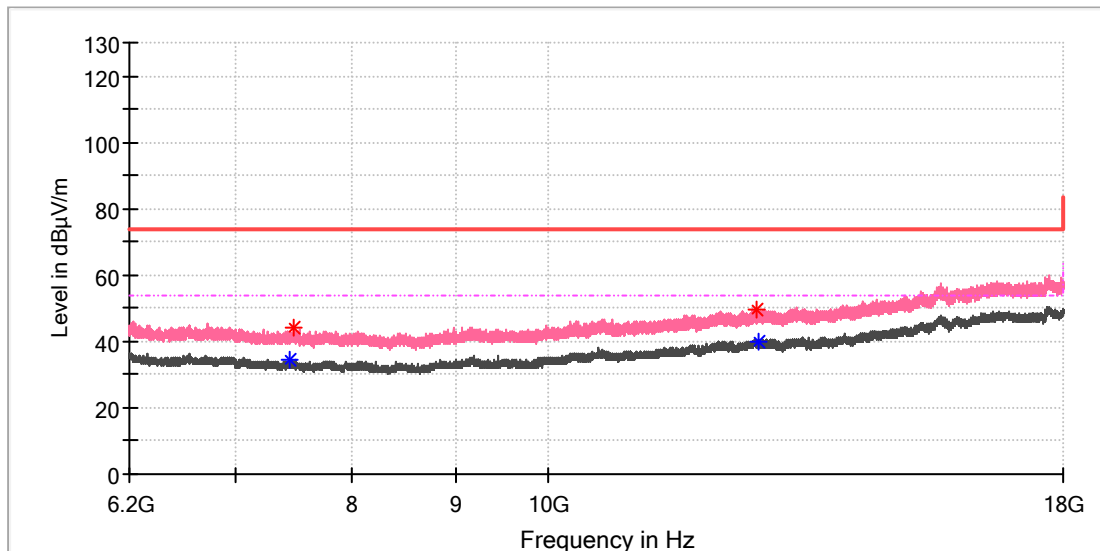
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7323.950000	42.57	---	74.00	31.43	150.0	H	70.0	8.2
7337.225000	---	33.57	54.00	20.43	150.0	H	70.0	8.1
12647.225000	---	40.44	54.00	13.56	150.0	H	5.0	15.0
12663.941667	49.27	---	74.00	24.73	150.0	H	0.0	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: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

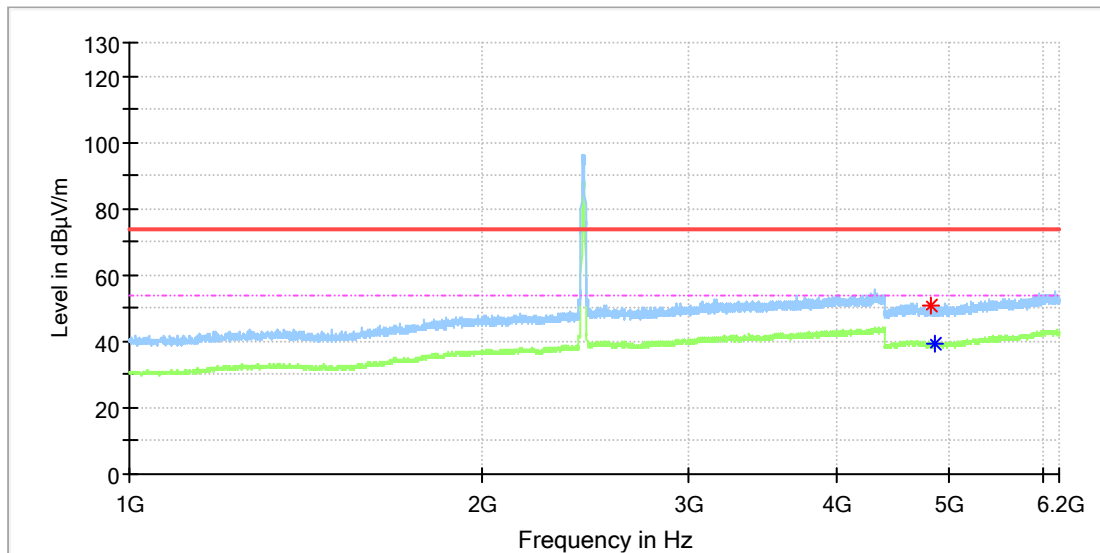
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7446.866667	---	34.19	54.00	19.81	150.0	V	45.0	8.5
7476.366667	43.92	---	74.00	30.08	150.0	V	153.0	8.6
12678.200000	49.59	---	74.00	24.41	150.0	V	80.0	15.1
12725.891667	---	40.13	54.00	13.87	150.0	V	189.0	15.2

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

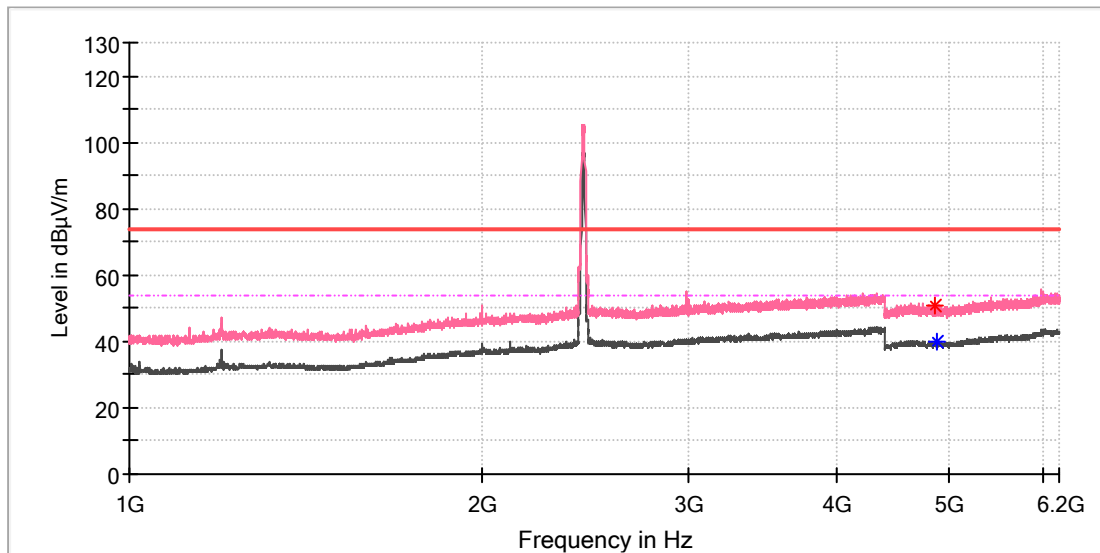
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4819.500000	51.03	---	74.00	22.97	150.0	H	17.0	11.8
4861.000000	---	39.34	54.00	14.66	150.0	H	116.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

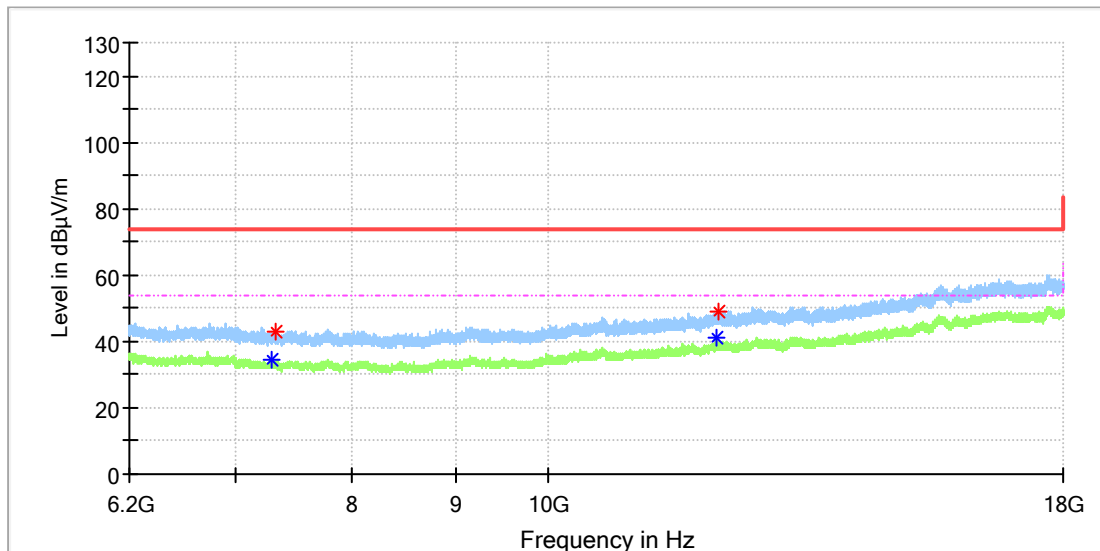
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4862.500000	50.58	---	74.00	23.42	150.0	V	0.0	11.8
4873.500000	---	39.64	54.00	14.36	150.0	V	310.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

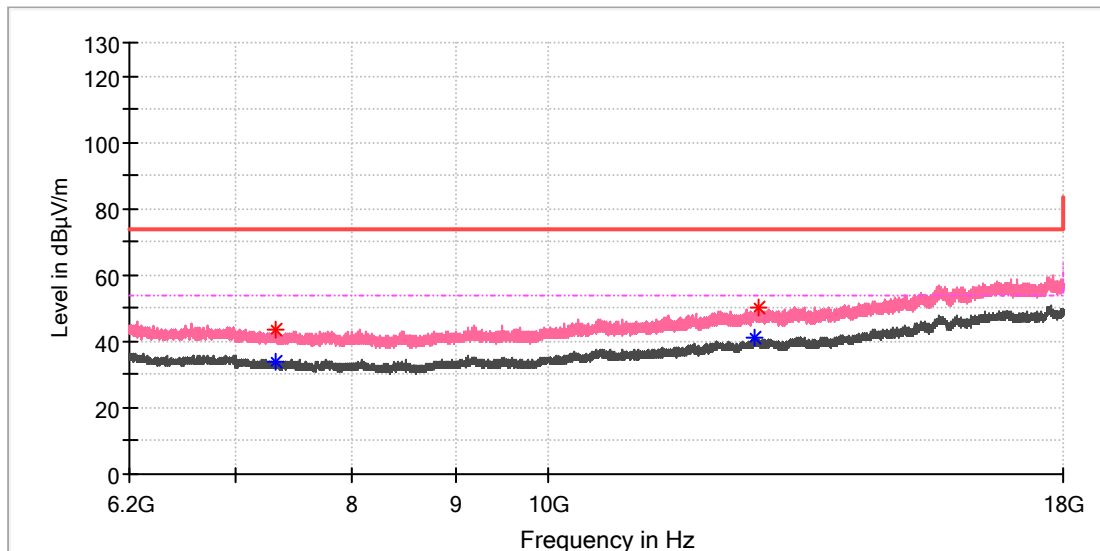
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7299.858333	---	34.26	54.00	19.74	150.0	H	2.0	8.3
7318.541667	42.99	---	74.00	31.01	150.0	H	25.0	8.2
12123.600000	---	40.97	54.00	13.03	150.0	H	144.0	14.3
12145.725000	49.18	---	74.00	24.82	150.0	H	264.0	14.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

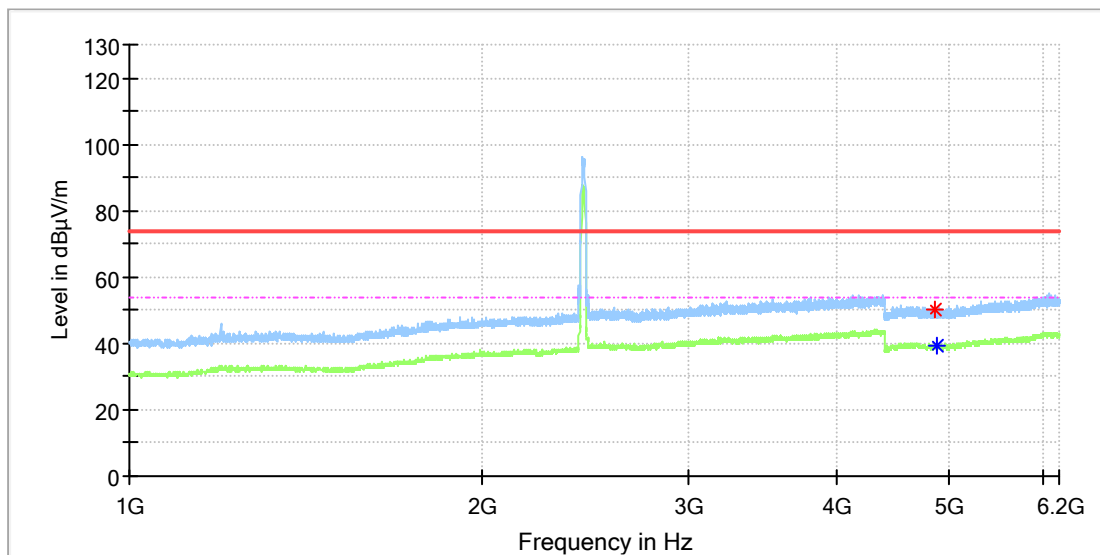
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	43.35	---	74.00	30.65	150.0	V	97.0	8.2
7327.391667	---	34.16	54.00	19.84	150.0	V	358.0	8.1
12646.733333	---	41.15	54.00	12.85	150.0	V	338.0	15.0
12725.891667	50.06	---	74.00	23.94	150.0	V	230.0	15.2

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

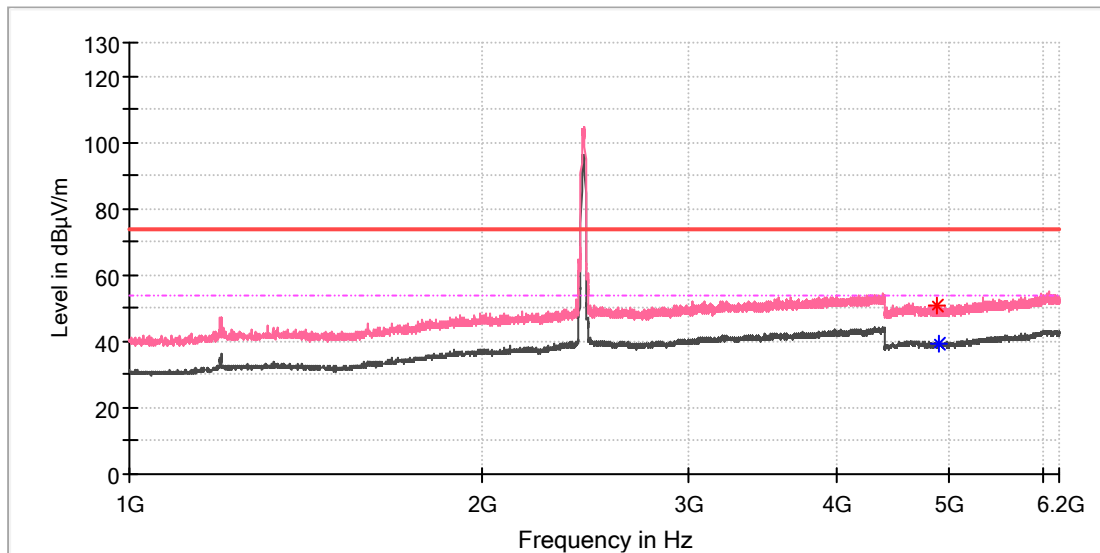
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.000000	50.44	---	74.00	23.56	150.0	H	30.0	11.8
4872.000000	---	39.42	54.00	14.58	150.0	H	62.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

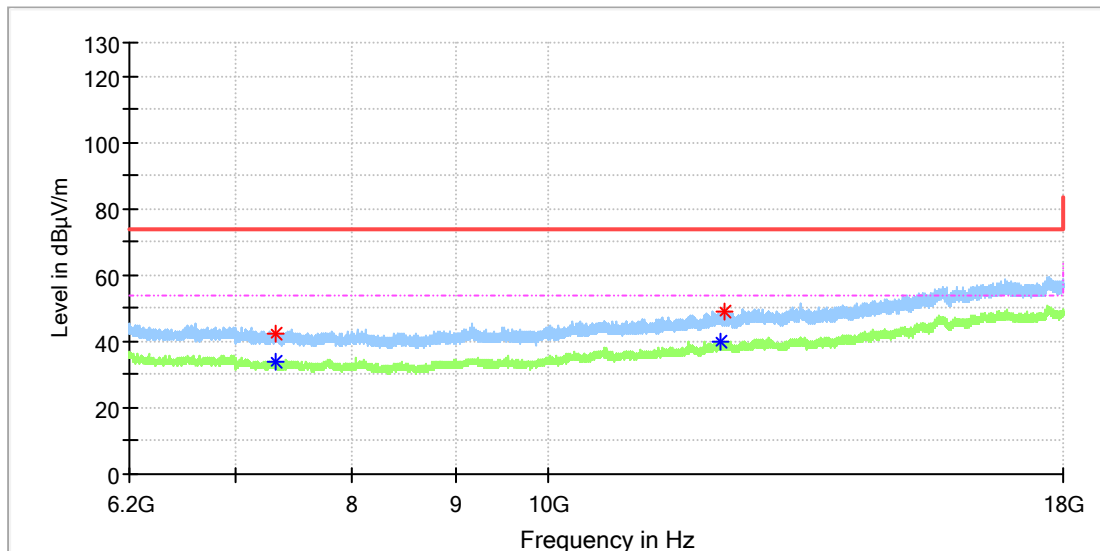
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	50.68	---	74.00	23.32	150.0	V	228.0	11.8
4894.500000	---	39.37	54.00	14.63	150.0	V	305.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

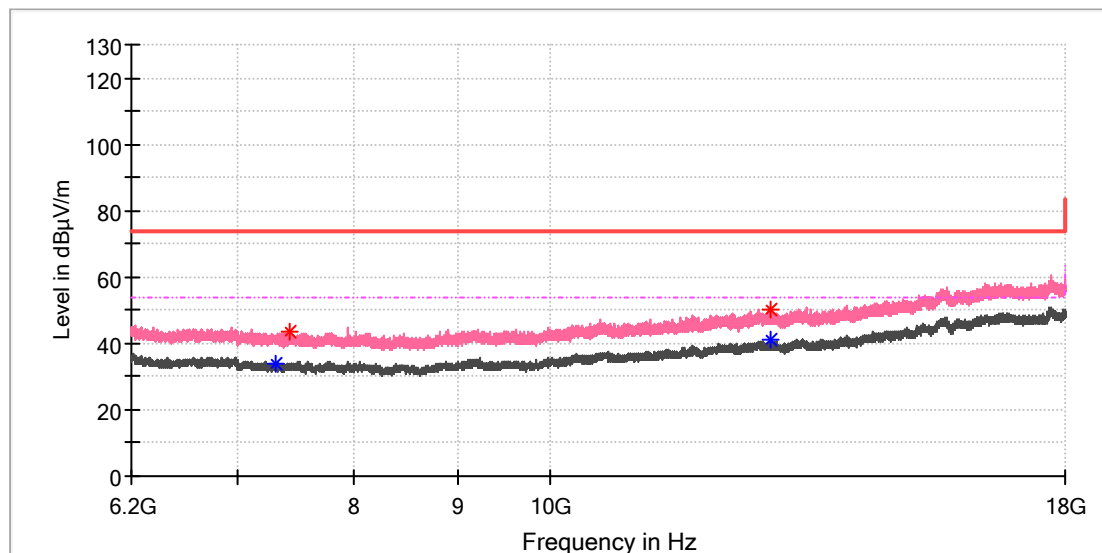
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7324.441667	---	33.88	54.00	20.12	150.0	H	15.0	8.2
7325.425000	42.27	---	74.00	31.73	150.0	H	278.0	8.2
12166.866667	---	40.17	54.00	13.83	150.0	H	0.0	14.5
12241.108333	48.69	---	74.00	25.31	150.0	H	133.0	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: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

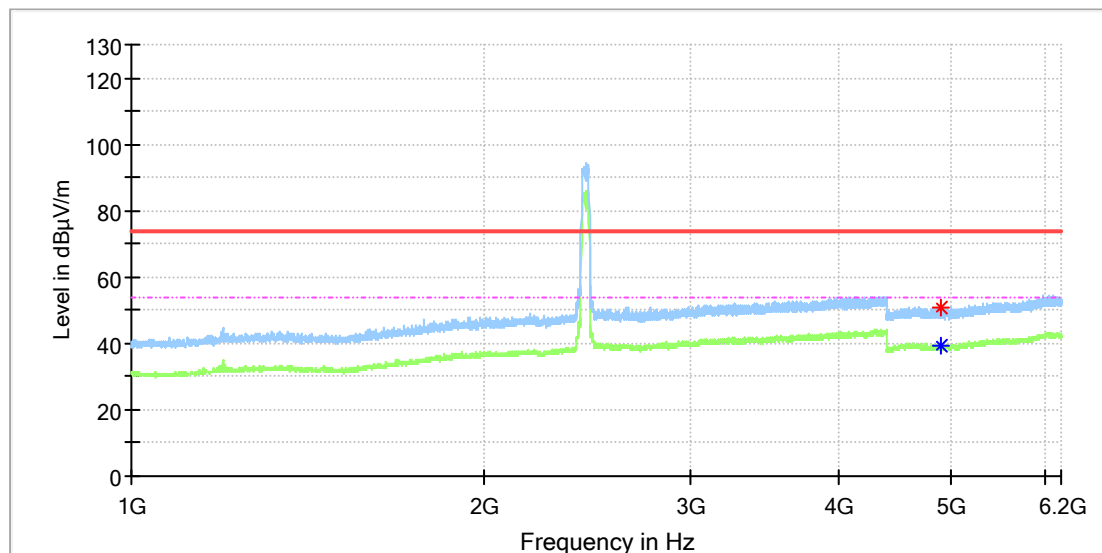
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	---	34.10	54.00	19.90	150.0	V	194.0	8.2
7420.316667	43.78	---	74.00	30.22	150.0	V	123.0	8.4
12865.033333	49.96	---	74.00	24.04	150.0	V	301.0	15.4
12873.883333	---	40.93	54.00	13.07	150.0	V	313.0	15.4

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: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

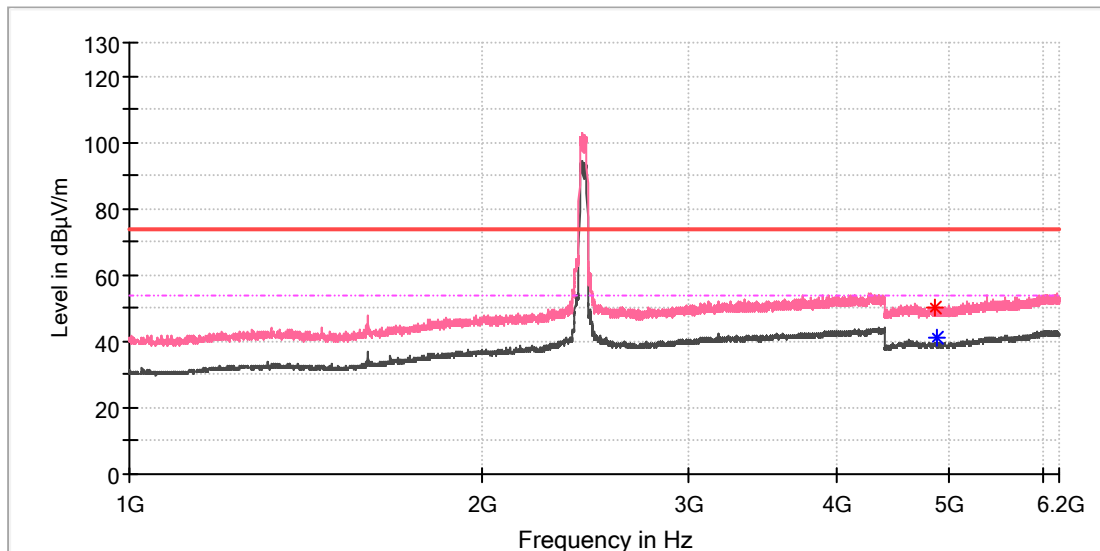
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4902.500000	50.71	---	74.00	23.29	150.0	H	99.0	11.8
4906.000000	---	39.52	54.00	14.48	150.0	H	26.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

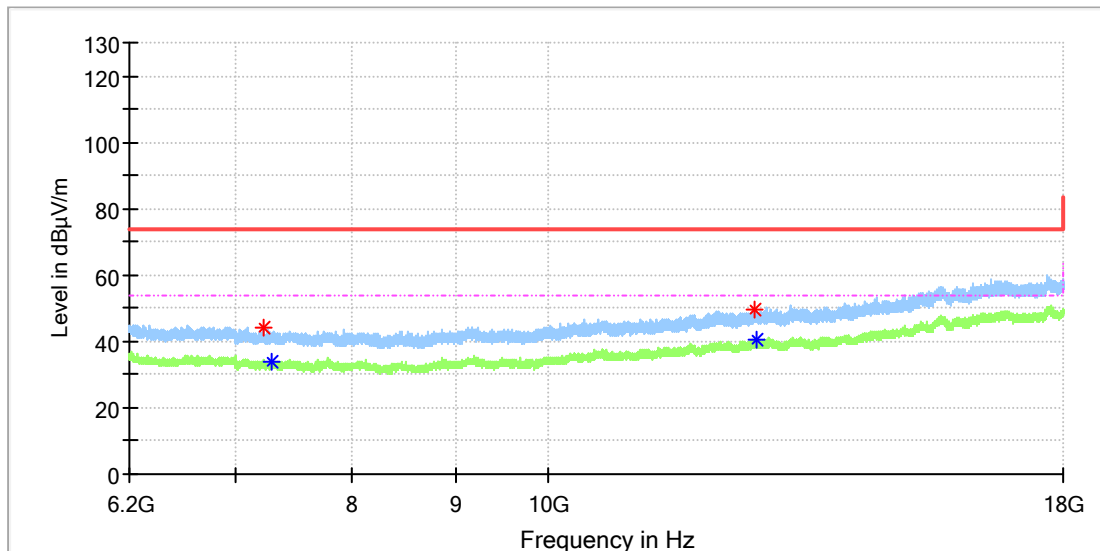
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4857.500000	50.14	---	74.00	23.86	150.0	V	73.0	11.8
4874.000000	---	41.09	54.00	12.91	150.0	V	301.0	11.8

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

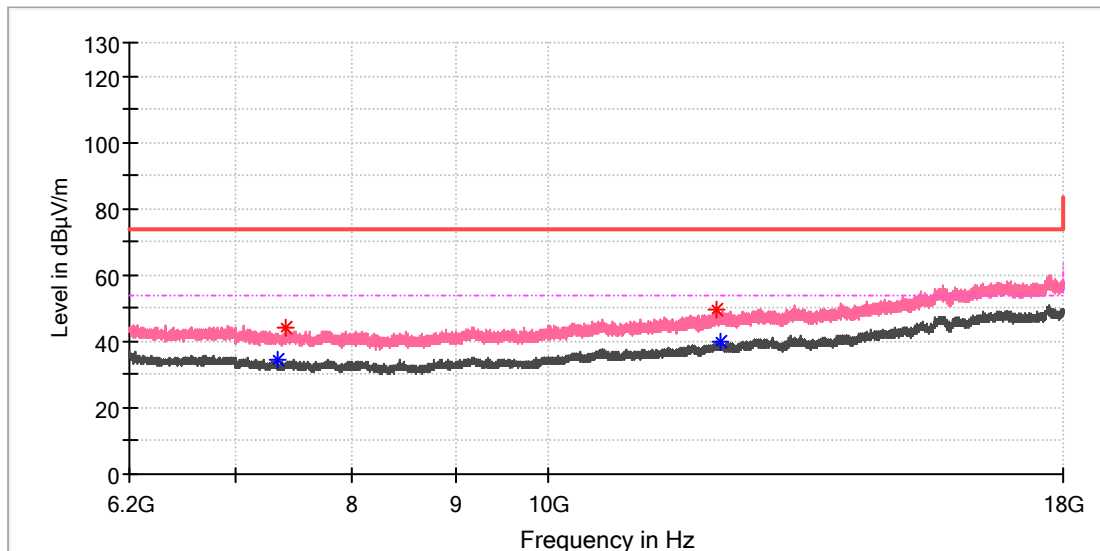
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.466667	44.33	---	74.00	29.67	150.0	H	156.0	8.6
7299.858333	---	34.11	54.00	19.89	150.0	H	298.0	8.3
12653.616667	49.51	---	74.00	24.49	150.0	H	248.0	15.0
12683.608333	---	40.37	54.00	13.63	150.0	H	248.0	15.1

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
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)
7335.750000	---	34.17	54.00	19.83	150.0	V	0.0	8.1
7414.908333	43.86	---	74.00	30.14	150.0	V	156.0	8.3
12127.533333	49.55	---	74.00	24.45	150.0	V	278.0	14.3
12177.191667	---	40.06	54.00	13.94	150.0	V	10.0	14.6

Final Result

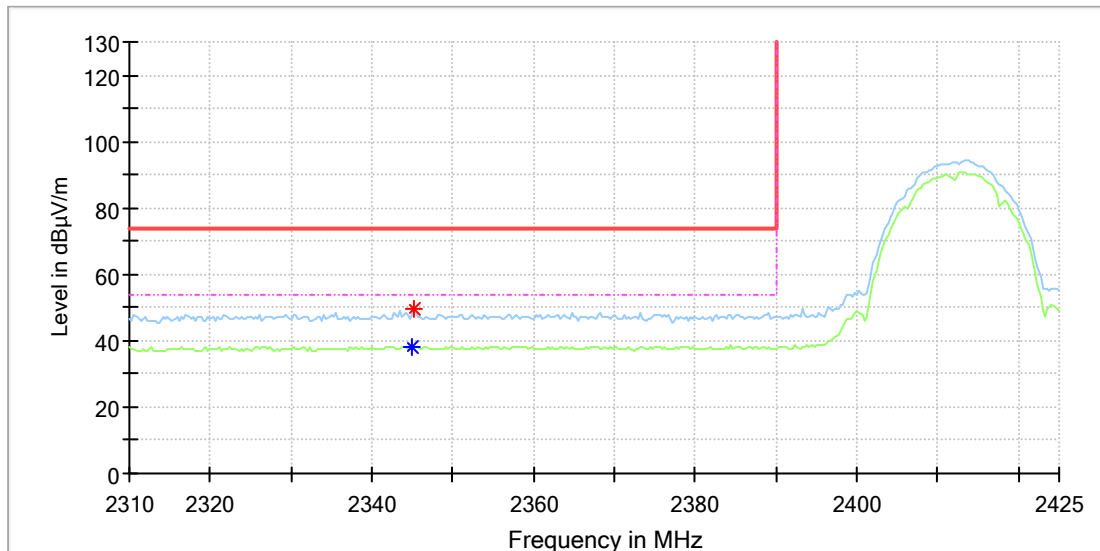
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

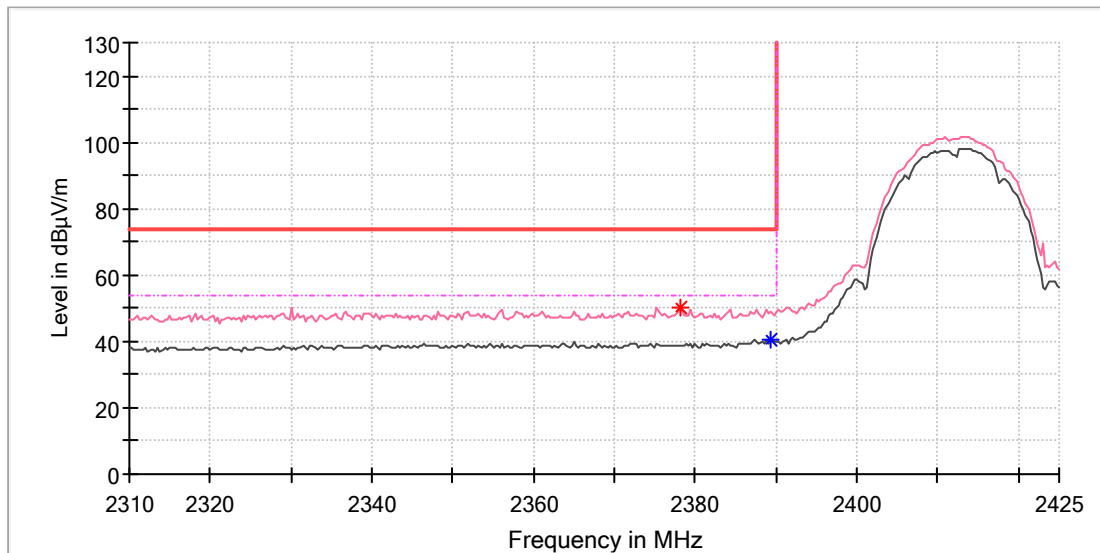
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.000000	---	38.22	54.00	15.78	150.0	H	1.0	6.9
2345.294118	49.40	---	74.00	24.60	150.0	H	290.0	6.9

Final_Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

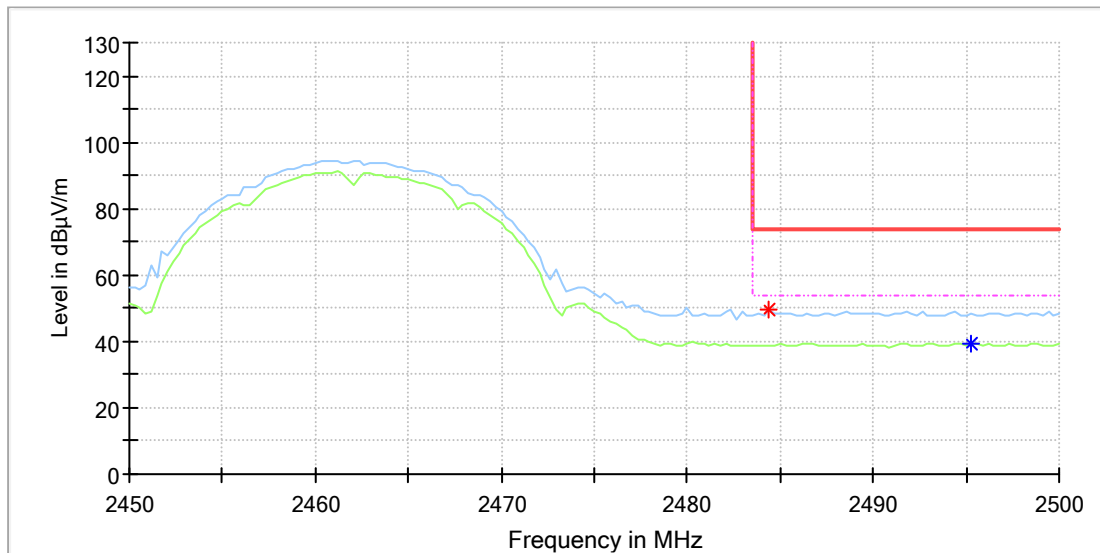
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2378.235294	50.12	---	74.00	23.88	150.0	V	348.0	6.9
2389.411765	---	40.48	54.00	13.52	150.0	V	226.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

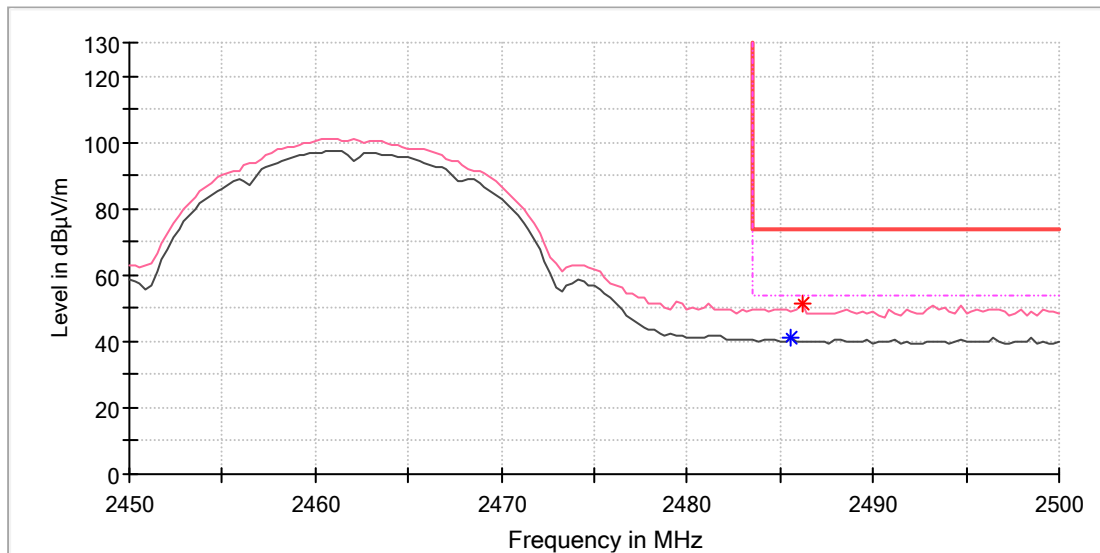
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	49.64	---	74.00	24.36	150.0	H	190.0	7.4
2495.294118	---	39.54	54.00	14.46	150.0	H	1.0	7.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
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	---	40.96	54.00	13.04	150.0	V	0.0	7.4
2486.176471	51.11	---	74.00	22.89	150.0	V	34.0	7.4

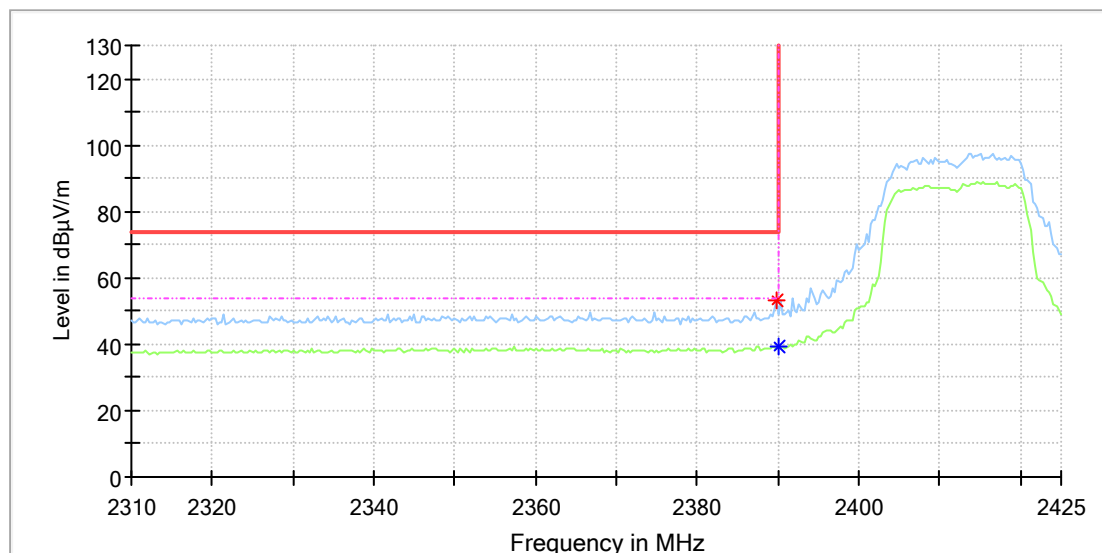
Final Result

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:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

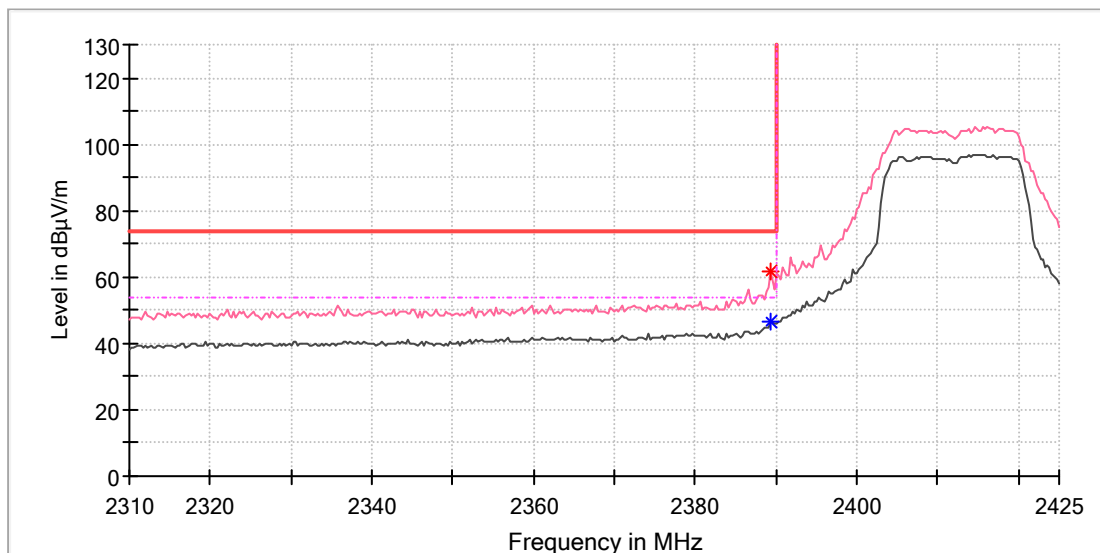
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	52.92	---	74.00	21.08	150.0	H	348.0	7.0
2390.000000	---	39.48	54.00	14.52	150.0	H	5.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

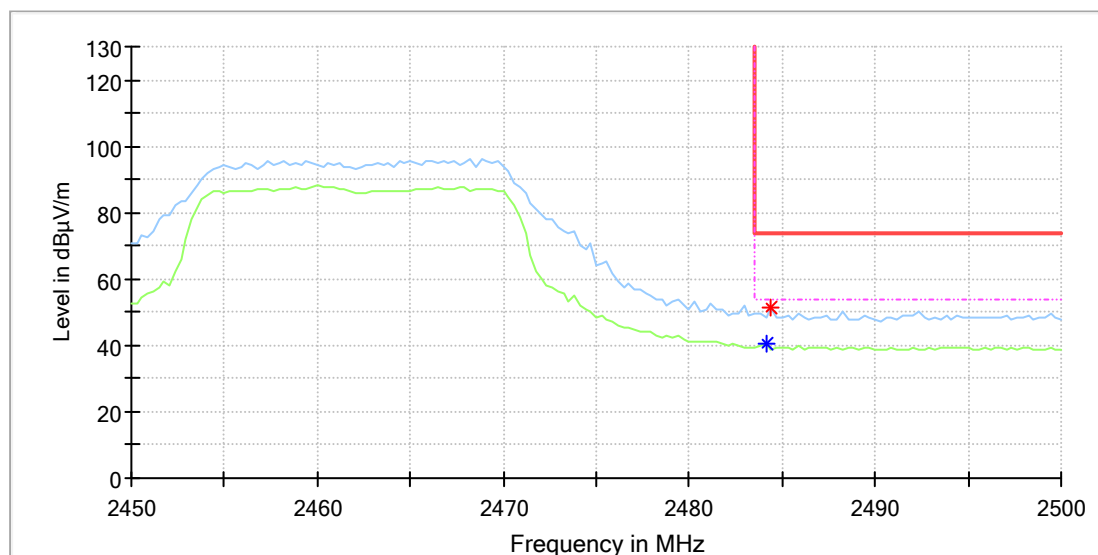
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	61.84	---	74.00	12.16	150.0	V	43.0	7.0
2389.411765	---	46.81	54.00	7.19	150.0	V	43.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

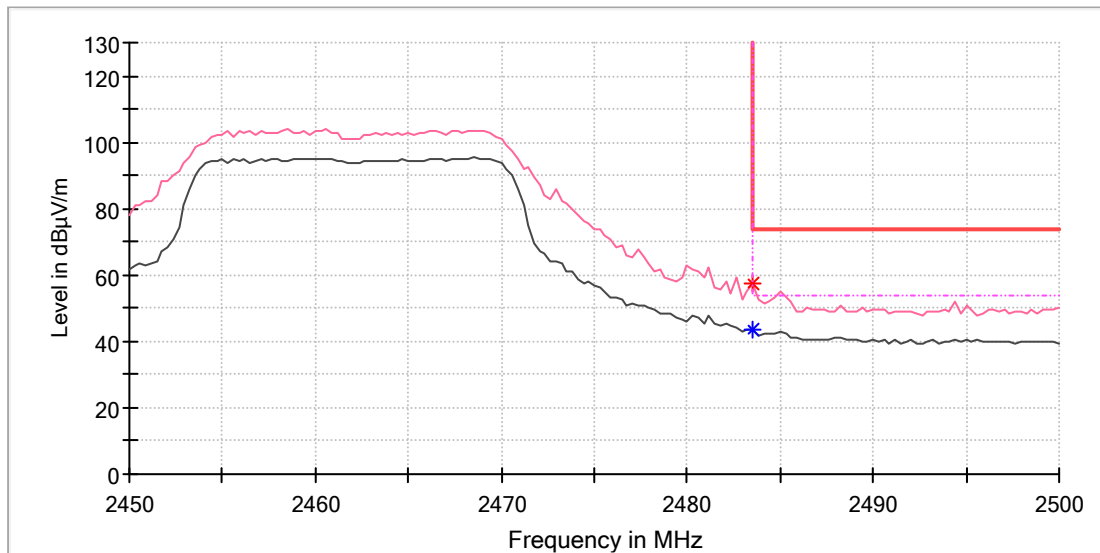
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	40.28	54.00	13.72	150.0	H	238.0	7.4
2484.411765	51.57	---	74.00	22.43	150.0	H	0.0	7.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
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	57.34	---	74.00	16.66	150.0	V	42.0	7.4
2483.529412	---	43.68	54.00	10.32	150.0	V	42.0	7.4

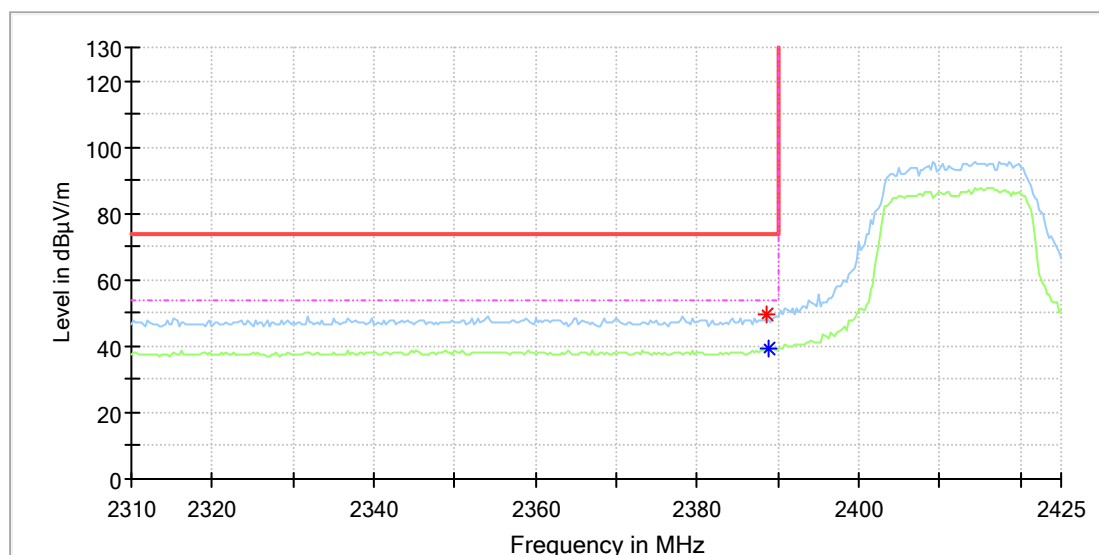
Final Result

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:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

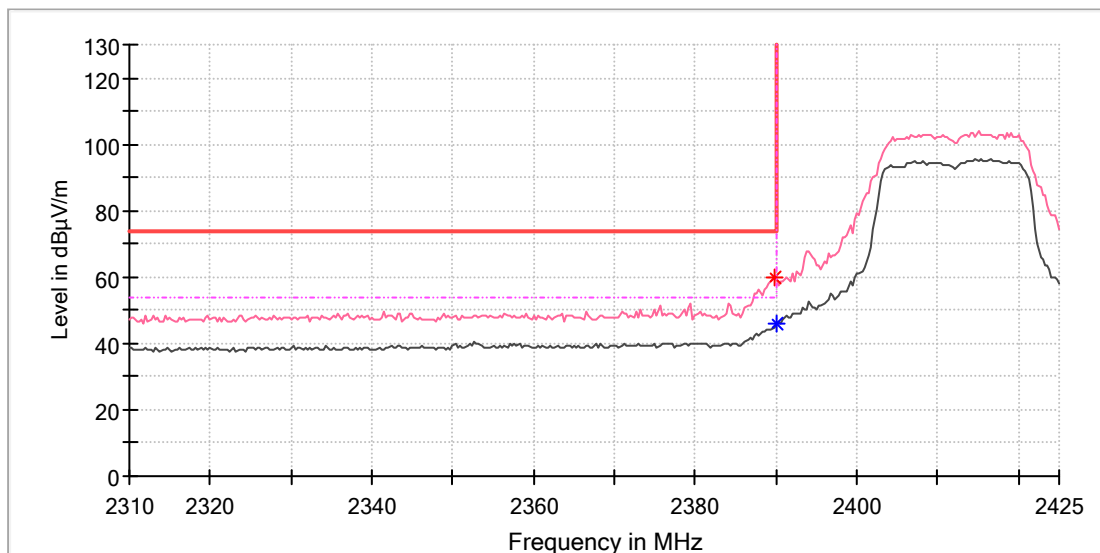
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	49.35	---	74.00	24.65	150.0	H	0.0	7.0
2388.823529	---	39.30	54.00	14.70	150.0	H	131.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

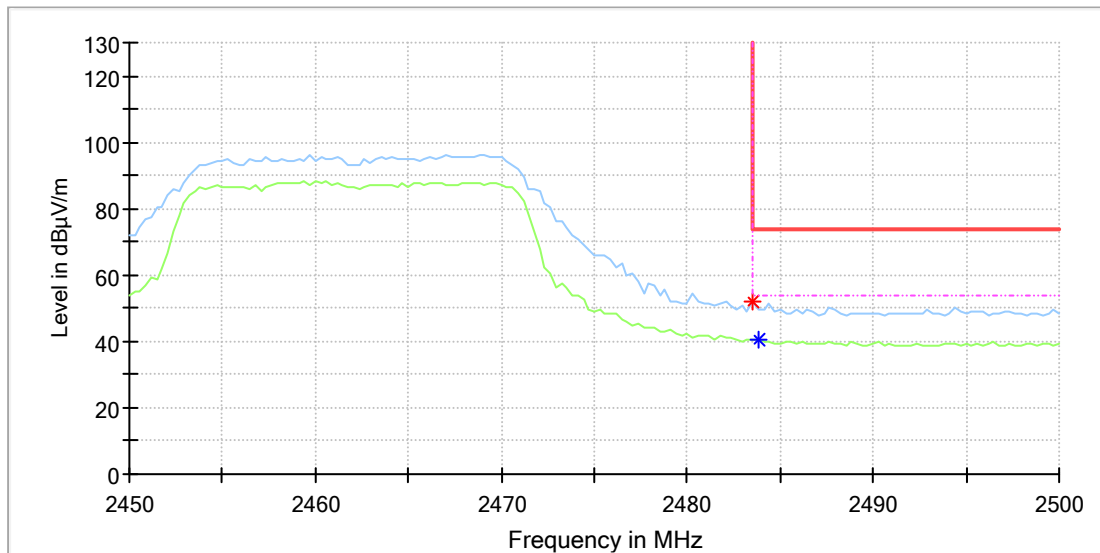
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	60.14	---	74.00	13.86	150.0	V	81.0	7.0
2390.000000	---	45.97	54.00	8.03	150.0	V	34.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

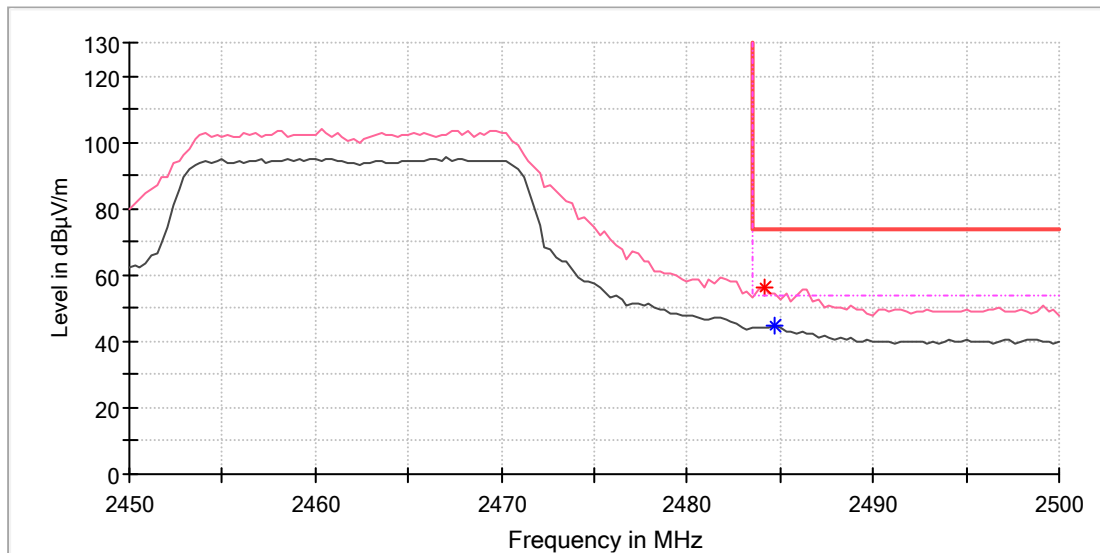
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	52.04	---	74.00	21.96	150.0	H	0.0	7.4
2483.823529	---	40.30	54.00	13.70	150.0	H	357.0	7.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
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	56.20	---	74.00	17.80	150.0	V	0.0	7.4
2484.705882	---	44.74	54.00	9.26	150.0	V	0.0	7.4

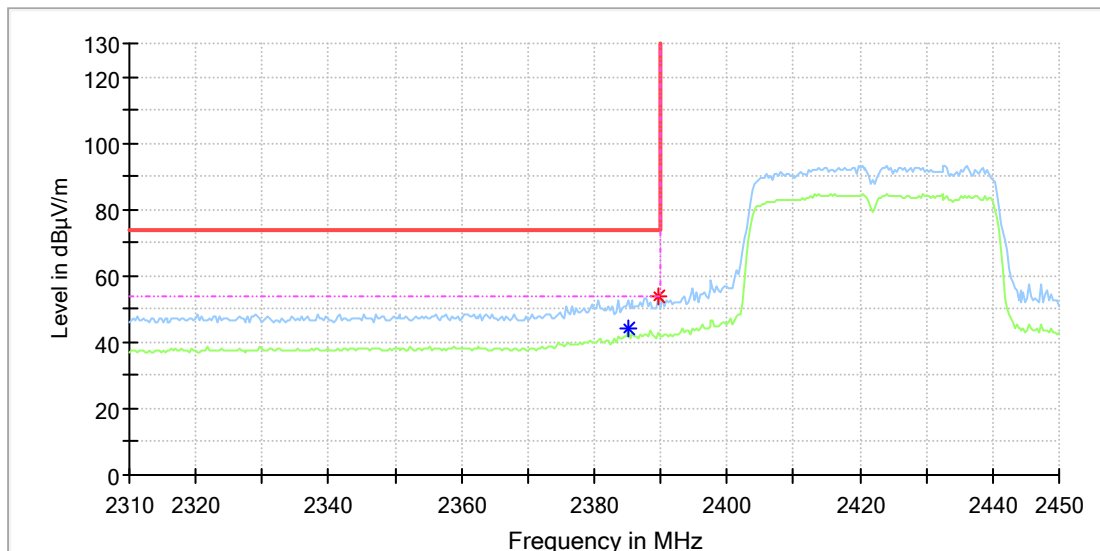
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Lawn Mowing Robot
Model:	MPB14
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168459797/A003634855-001
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

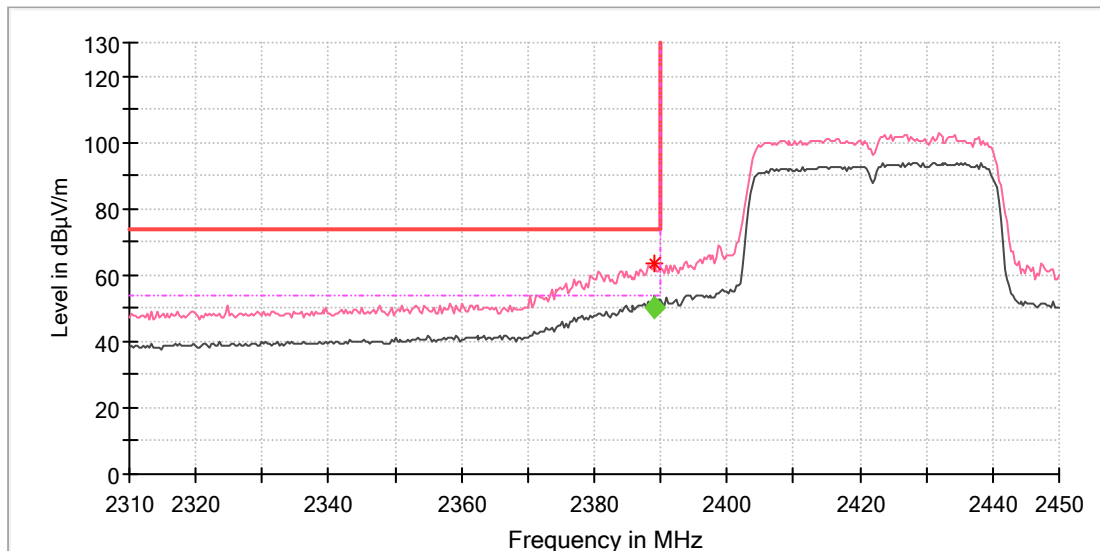
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.000000	---	43.99	54.00	10.01	150.0	H	0.0	7.0
2389.705882	53.53	---	74.00	20.47	150.0	H	0.0	7.0

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

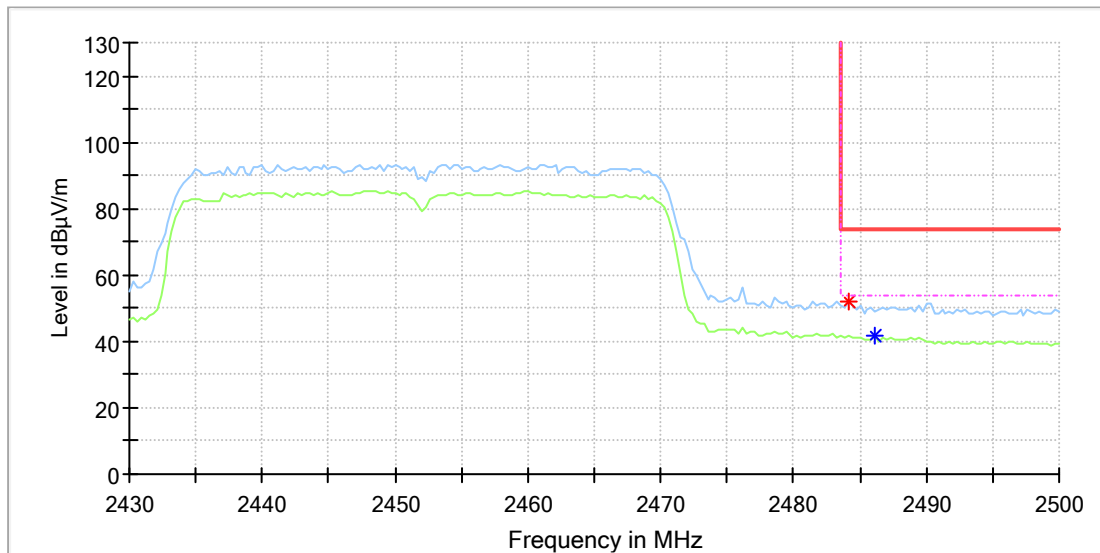
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	63.67	---	74.00	10.33	150.0	V	40.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	50.47	54.00	3.53	145.0	V	39.0	7.0

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

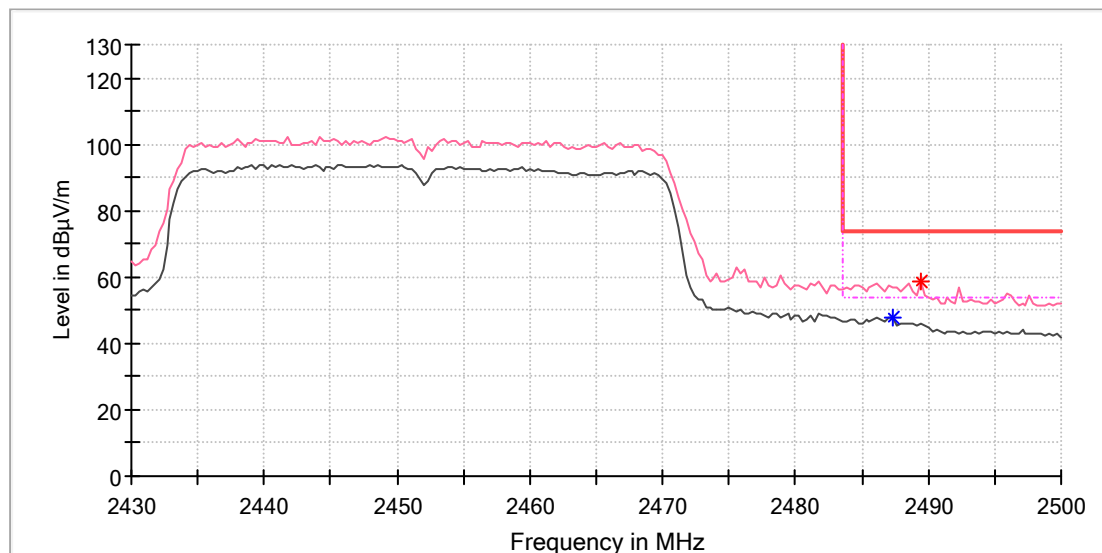
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	51.75	---	74.00	22.25	150.0	H	0.0	7.4
2486.176471	---	41.60	54.00	12.40	150.0	H	7.0	7.4

Final Result

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

EUT Information

EUT Name: Lawn Mowing Robot
Model: MPB14
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168459797/A003634855-001
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.352941	---	47.79	54.00	6.21	150.0	V	283.0	7.4
2489.411765	58.43	---	74.00	15.57	150.0	V	283.0	7.4

Final Result

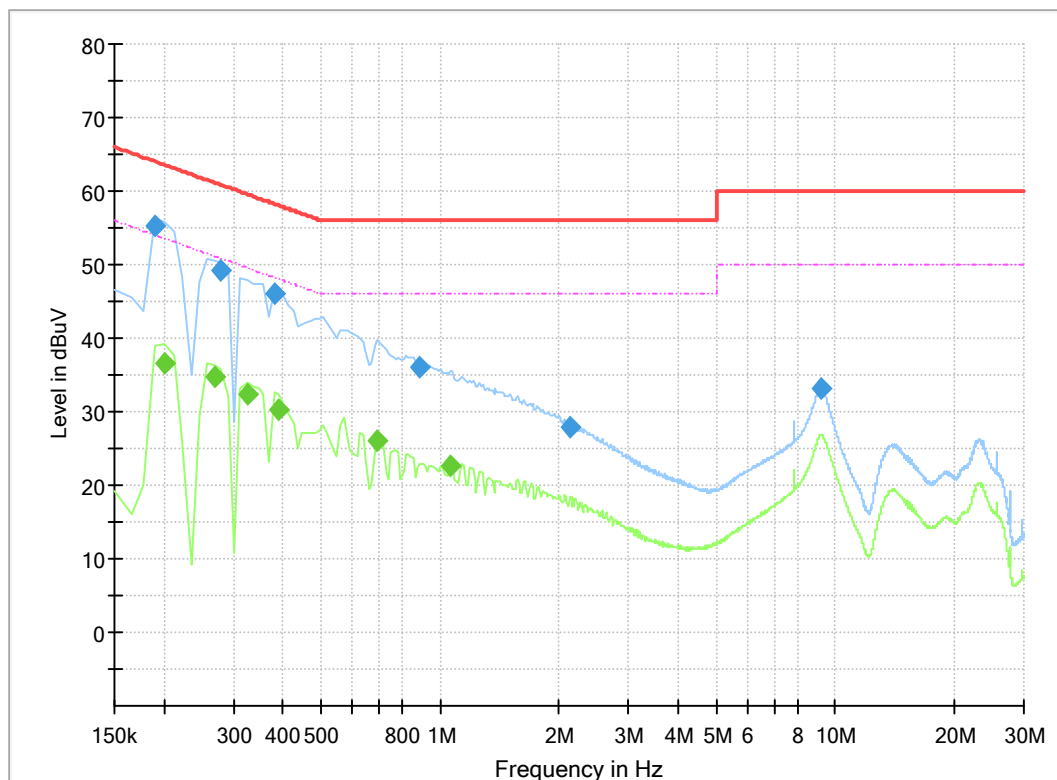
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Common Information

EUT Name: Lawn Mowing Robot
Order Number: 168459797
Model: MPB14
Test Mode: Charging by Base with Wireless communicating
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By./Review By: Junhua Sun/ Gary Chen
Tem./Hum./Pressure: 25.0°C/51.2%/101kPa
Remark: SR1

Full Spectrum



Final Result QPK

Frequency (MHz)	QuasiPeak (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Comment
0.189375	55.27	64.06	8.79	1000.0	9.000	L1	10.4	
0.279375	49.27	60.83	11.57	1000.0	9.000	L1	10.4	
0.380625	46.02	58.27	12.25	1000.0	9.000	L1	10.5	
0.886875	35.96	56.00	20.04	1000.0	9.000	L1	10.7	
2.135625	27.95	56.00	28.05	1000.0	9.000	L1	10.3	
9.200625	33.10	60.00	26.90	1000.0	9.000	L1	11.0	

Final Result CAV

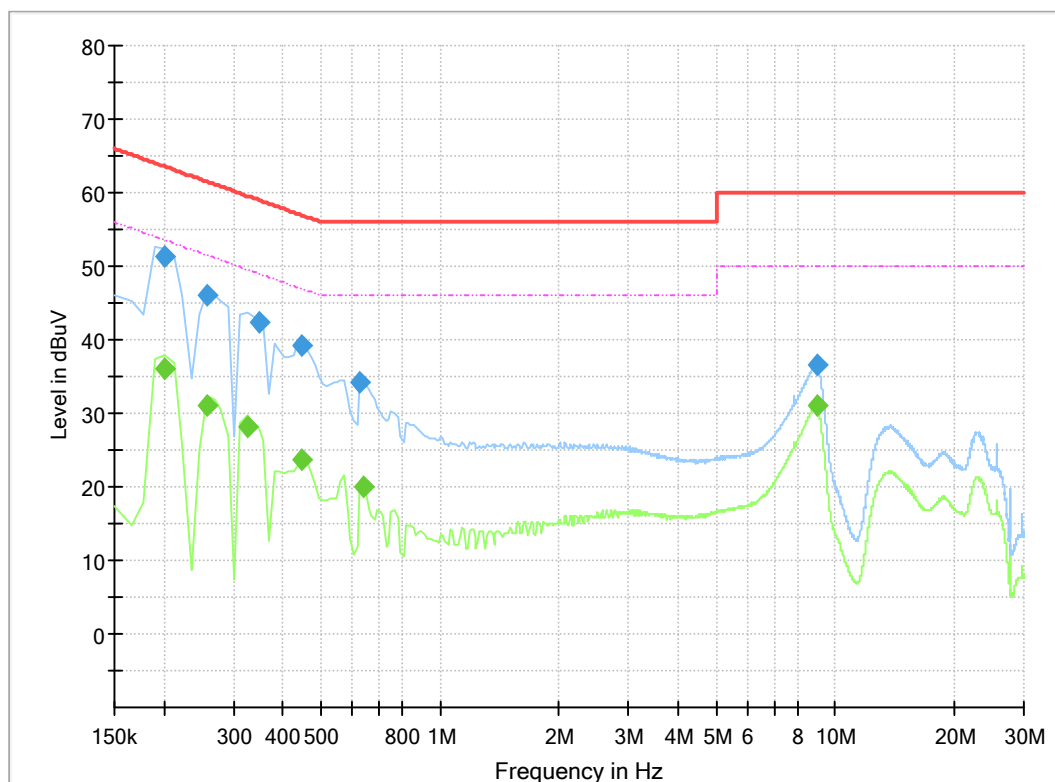
Frequency (MHz)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Comment
0.200625	36.62	53.59	16.96	1000.0	9.000	L1	10.4	
0.268125	34.65	51.18	16.53	1000.0	9.000	L1	10.4	
0.324375	32.41	49.59	17.18	1000.0	9.000	L1	10.5	

0.391875	30.31	48.02	17.71	1000.0	9.000	L1	10.5	
0.695625	26.03	46.00	19.97	1000.0	9.000	L1	10.4	
1.066875	22.68	46.00	23.32	1000.0	9.000	L1	10.9	

Common Information

EUT Name:	Lawn Mowing Robot
Order Number:	168459797
Model:	MPB14
Test Mode:	Charging by Base with Wireless communicating
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Junhua Sun/ Gary Chen
Tem./Hum./Pressure:	25.0°C/51.2%/101kPa
Remark:	SR1

Full Spectrum



Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Comment
0.200625	51.26	63.59	12.33	1000.0	9.000	N	11.0	
0.256875	46.13	61.53	15.40	1000.0	9.000	N	10.8	
0.346875	42.34	59.04	16.70	1000.0	9.000	N	10.6	
0.448125	39.23	56.91	17.68	1000.0	9.000	N	10.4	
0.628125	34.30	56.00	21.70	1000.0	9.000	N	10.5	
8.964375	36.61	60.00	23.39	1000.0	9.000	N	11.1	

Final_Result_CAV

Frequency (MHz)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Comment
0.200625	36.12	53.59	17.47	1000.0	9.000	N	11.0	
0.256875	30.93	51.53	20.60	1000.0	9.000	N	10.8	
0.324375	28.17	49.59	21.42	1000.0	9.000	N	10.6	
0.448125	23.63	46.91	23.28	1000.0	9.000	N	10.4	
0.639375	19.88	46.00	26.12	1000.0	9.000	N	10.5	
8.953125	31.09	50.00	18.91	1000.0	9.000	N	11.1	