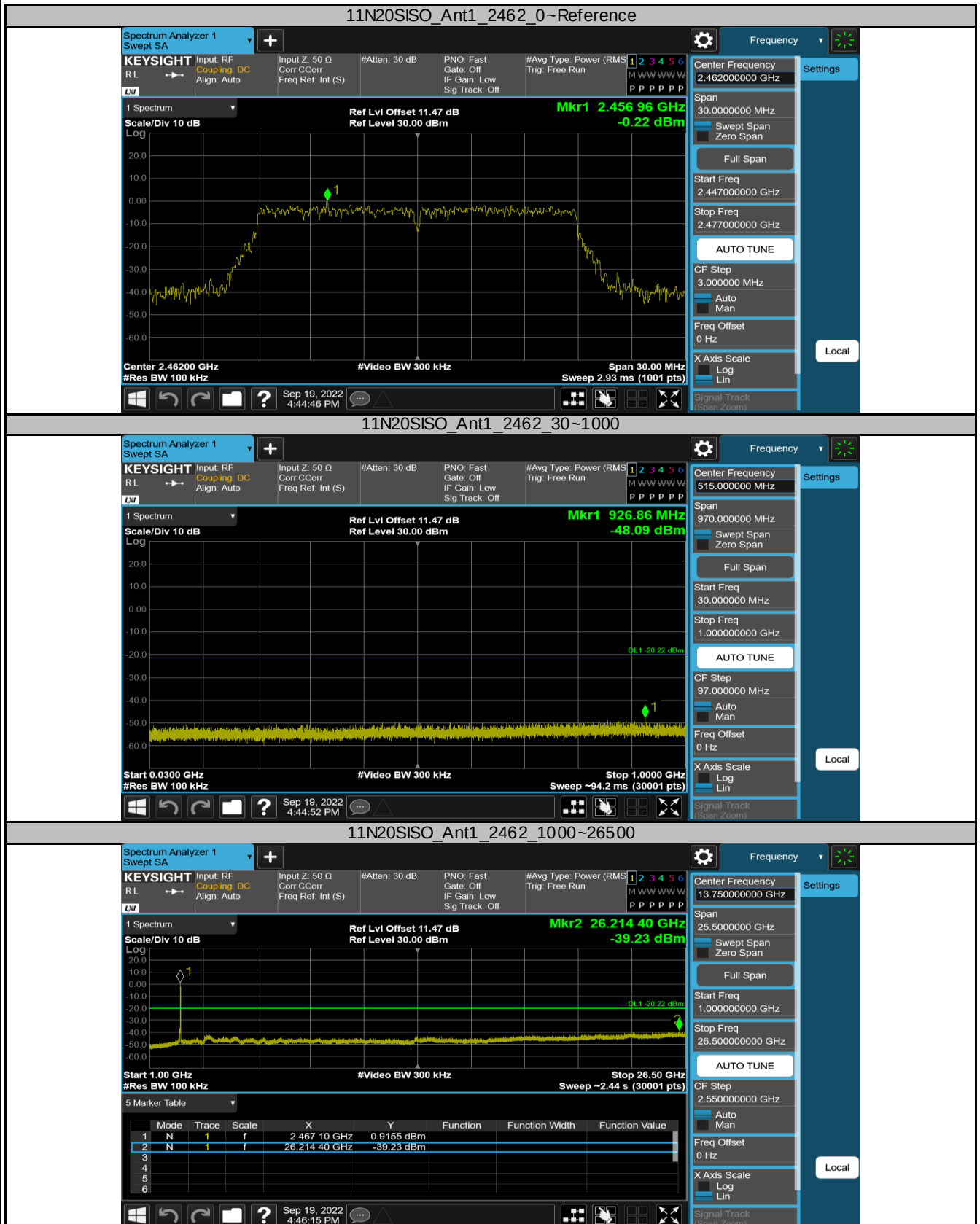
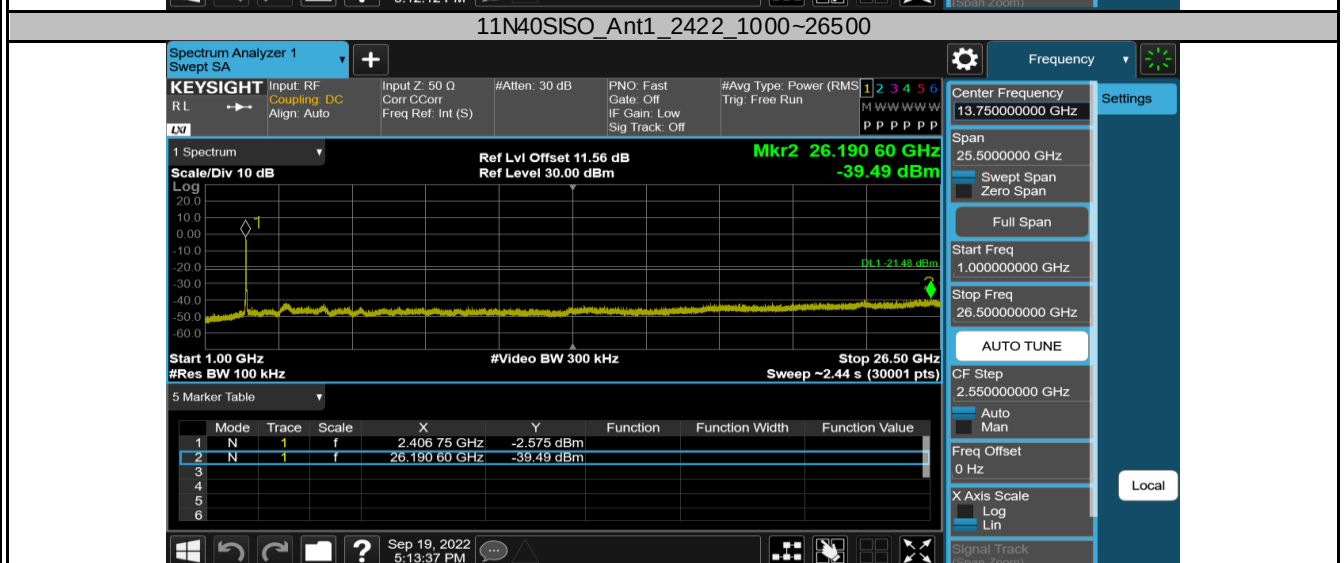
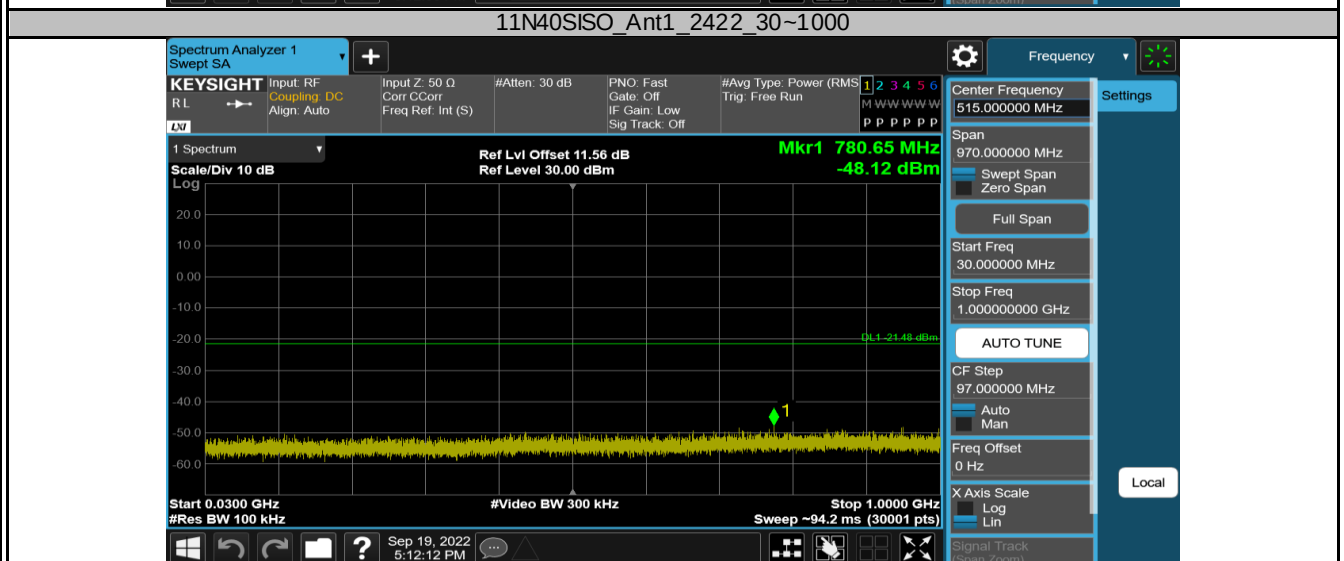
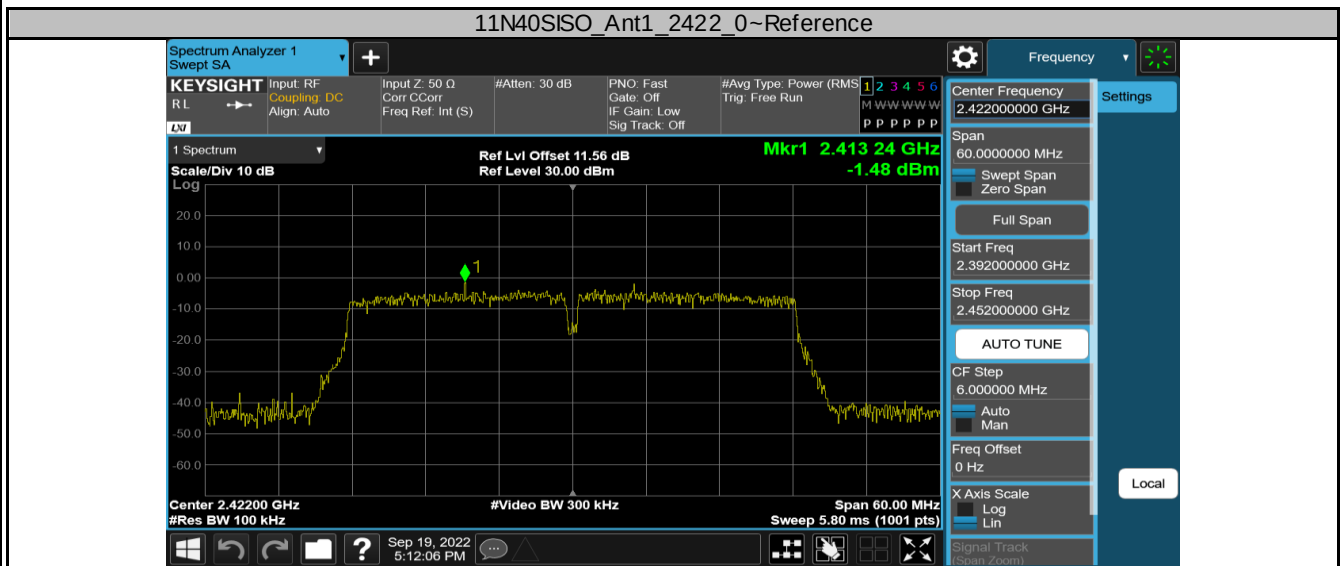
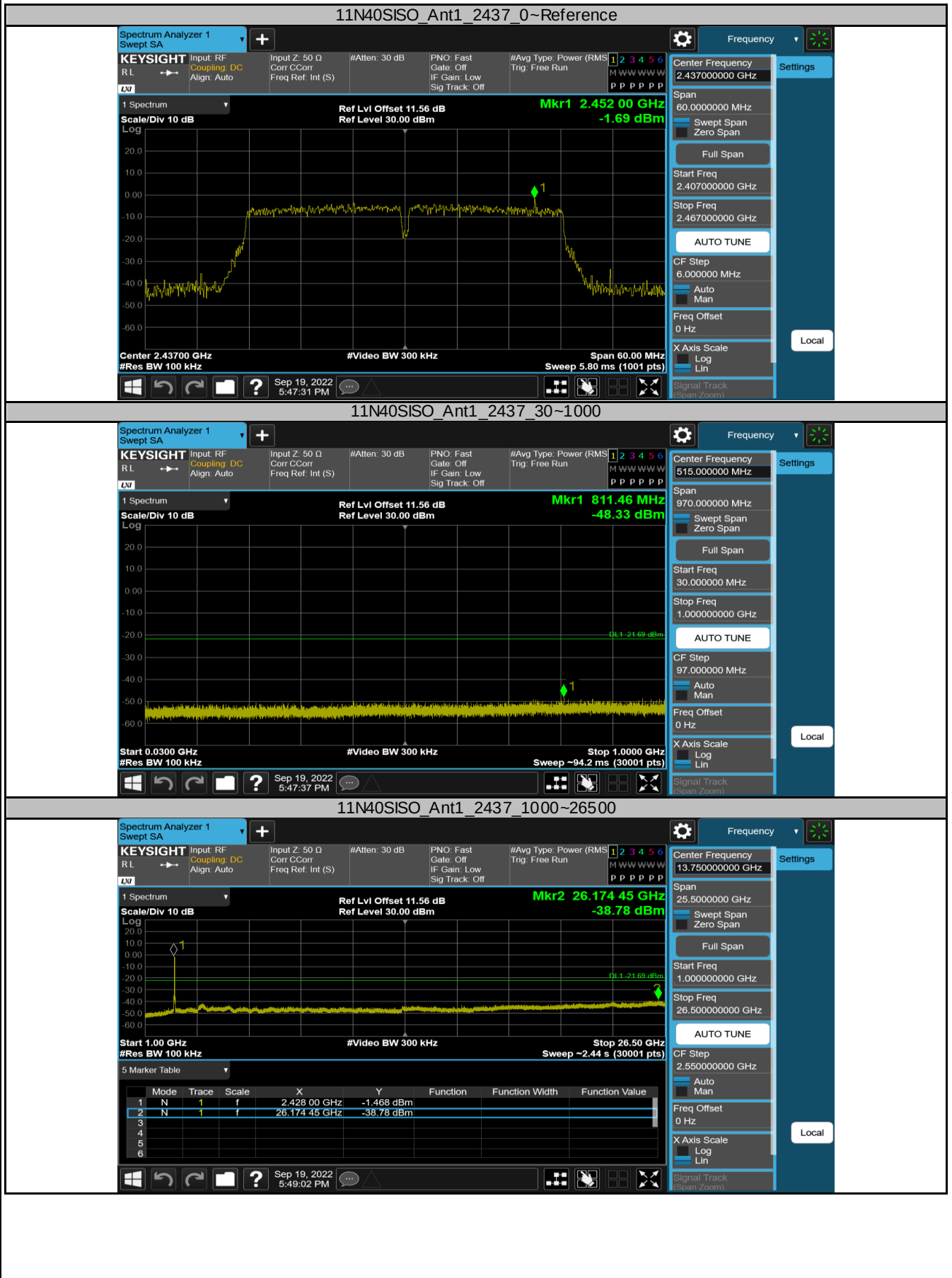
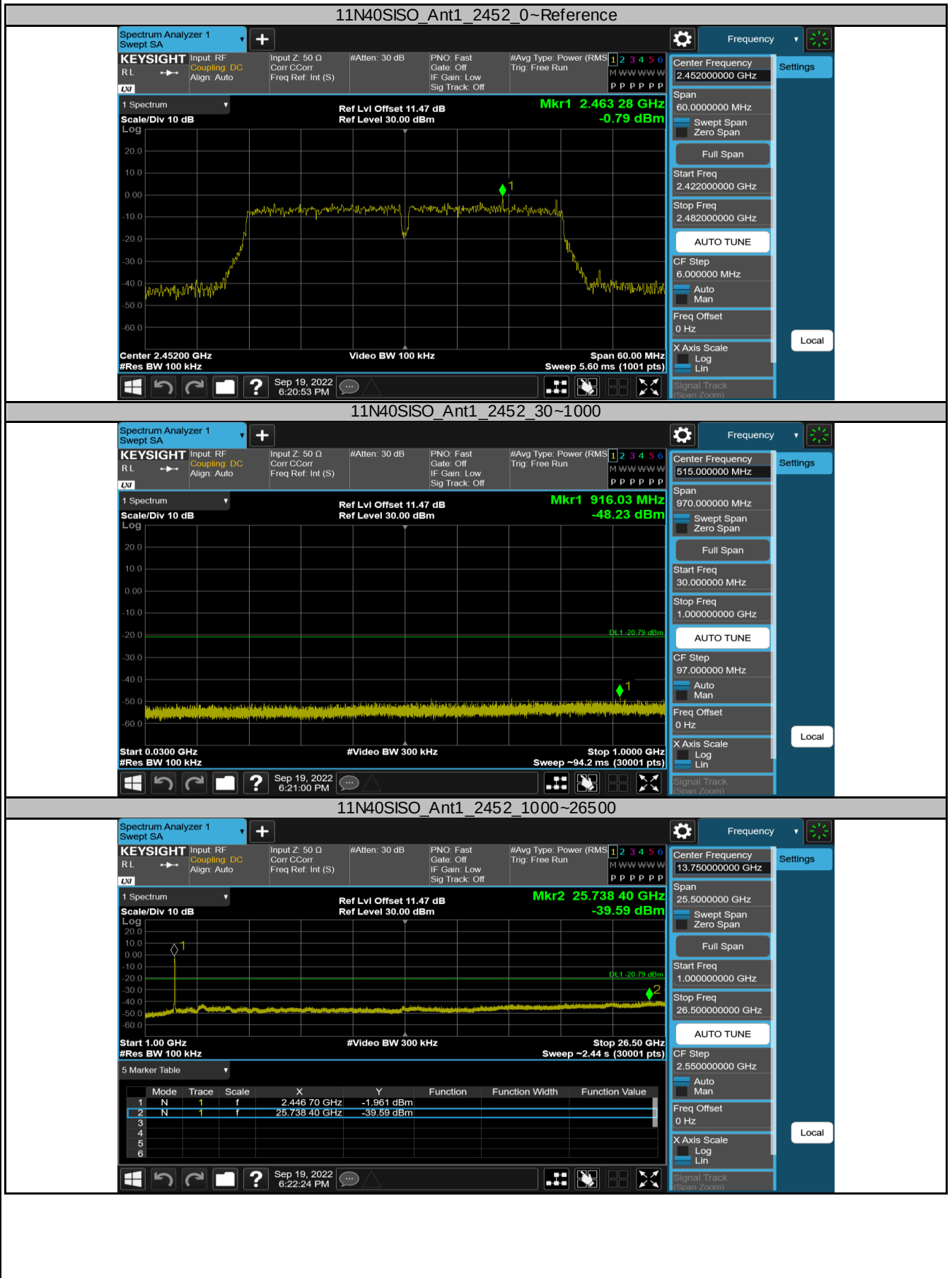








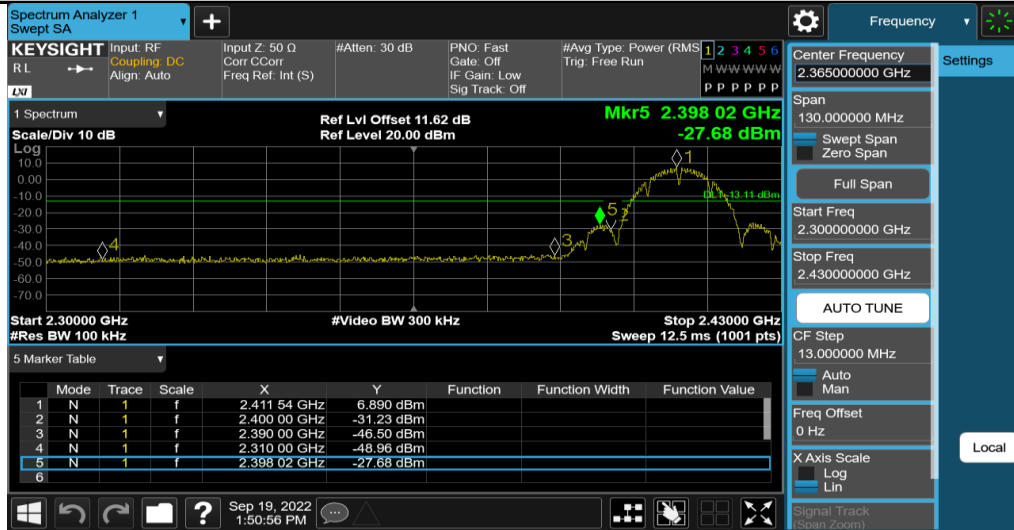




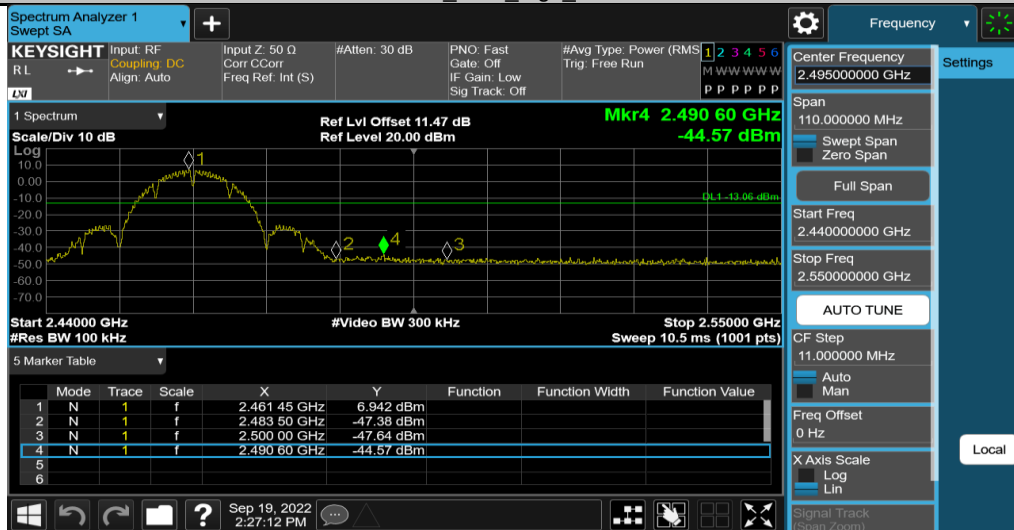
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.89	-27.68	≤-13.11	PASS
		High	2462	6.94	-44.57	≤-13.06	PASS
11G	Ant1	Low	2412	4.88	-23.04	≤-15.12	PASS
		High	2462	2.09	-42.13	≤-17.91	PASS
11N20SISO	Ant1	Low	2412	0.68	-35.46	≤-19.32	PASS
		High	2462	1.65	-42.38	≤-18.35	PASS
11N40SISO	Ant1	Low	2422	-2.24	-36.49	≤-22.24	PASS
		High	2452	-4.27	-44.94	≤-24.27	PASS

11B_Ant1_Low_2412



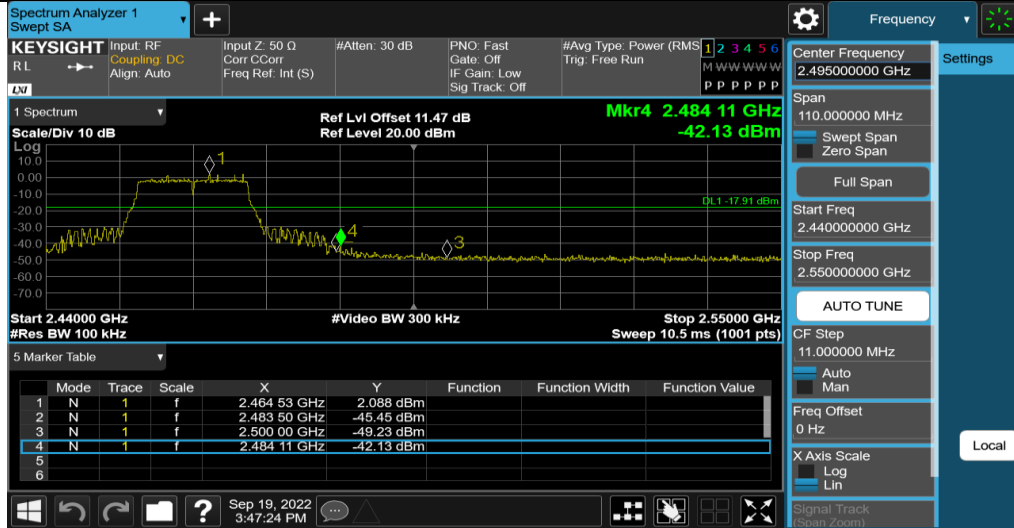
11B_Ant1_High_2462



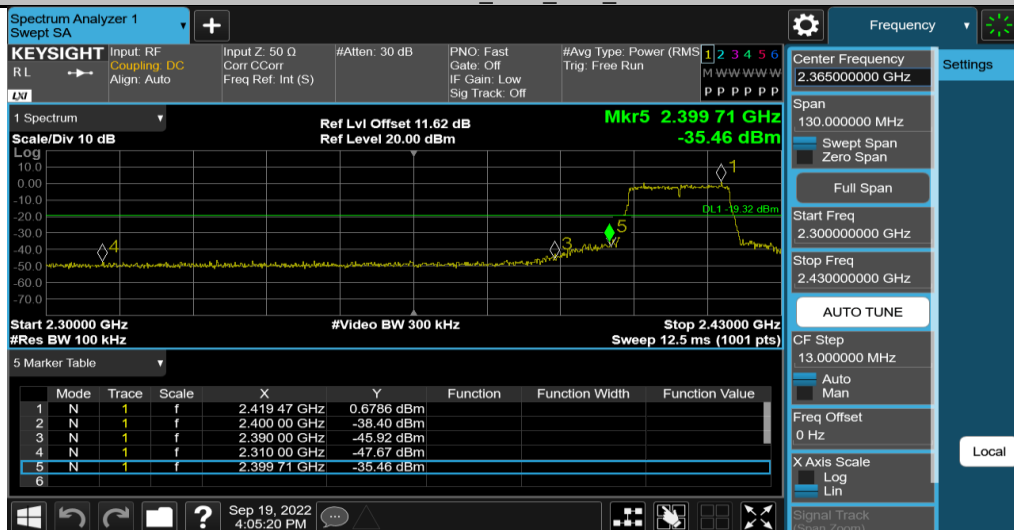
11G_Ant1_Low_2412



11G_Ant1_High_2462



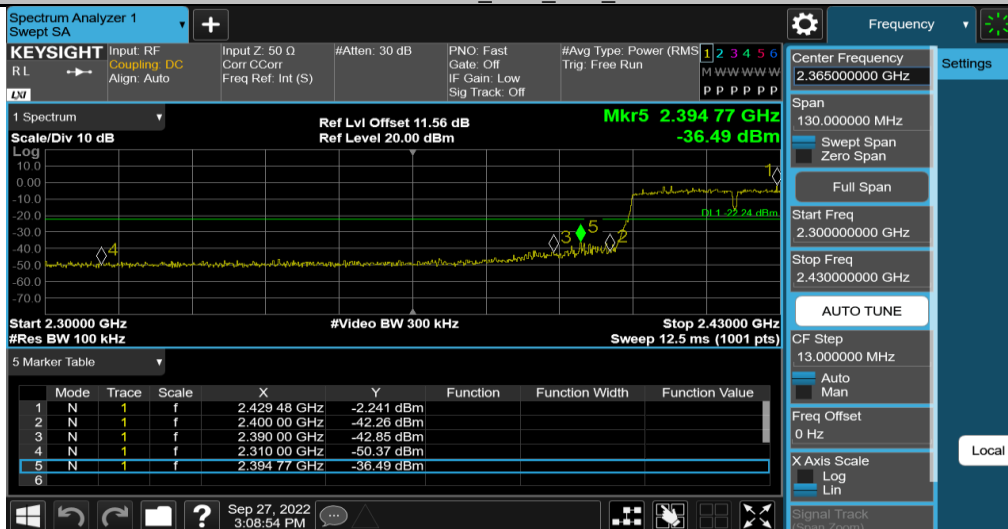
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



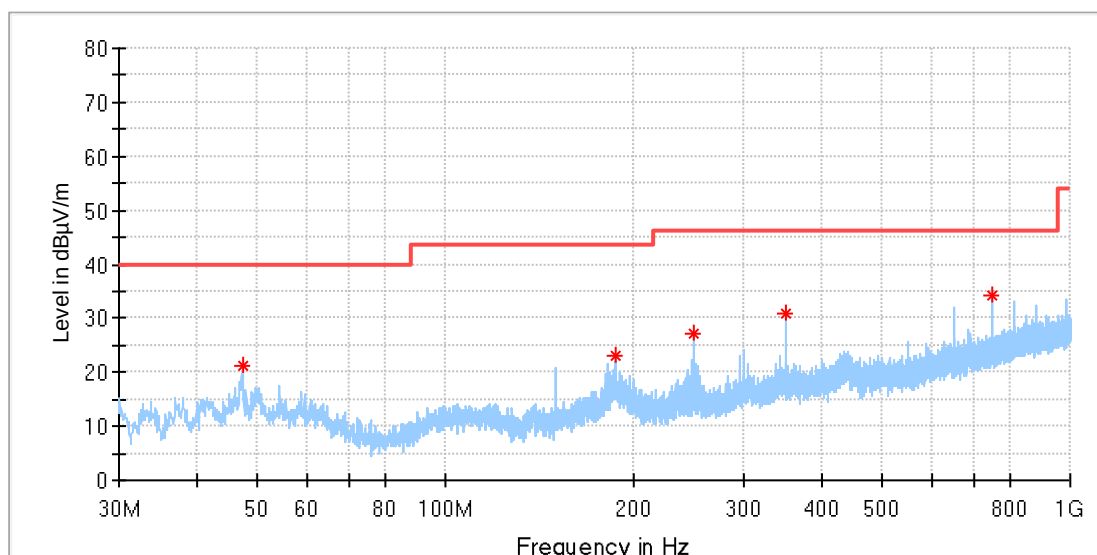
Appendix A4: Test Results of Radiated Spurious Emissions

Note: 1. 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. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	SmartRobot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

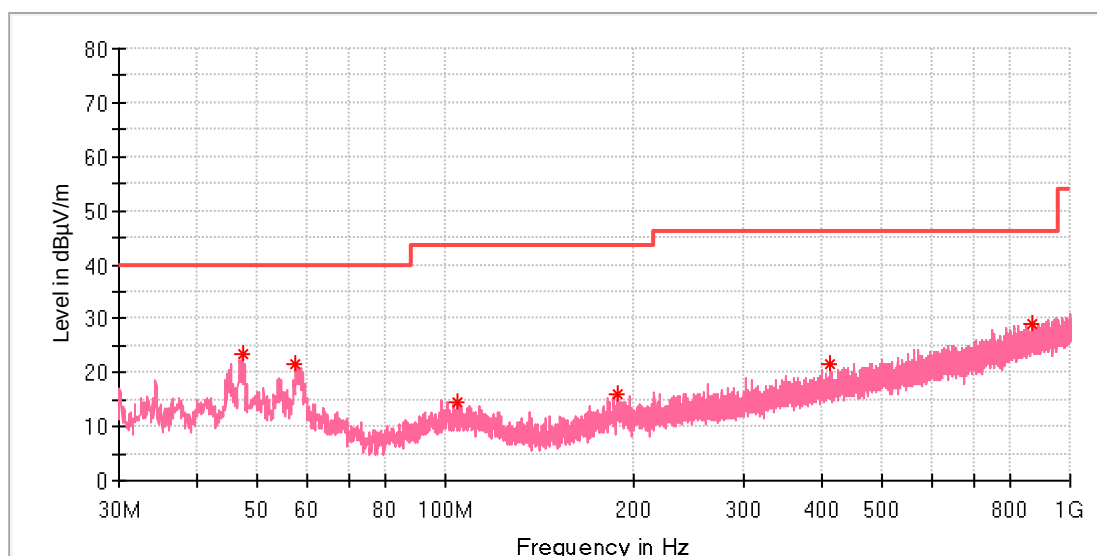
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.314500	21.19	40.00	18.81	100.0	H	33.0	-18.5
187.334000	23.15	43.50	20.35	100.0	H	299.0	-19.8
249.996000	27.28	46.00	18.72	100.0	H	11.0	-17.4
350.003000	30.98	46.00	15.02	100.0	H	18.0	-14.8
750.031000	34.15	46.00	11.85	100.0	H	181.0	-7.2

Final_Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

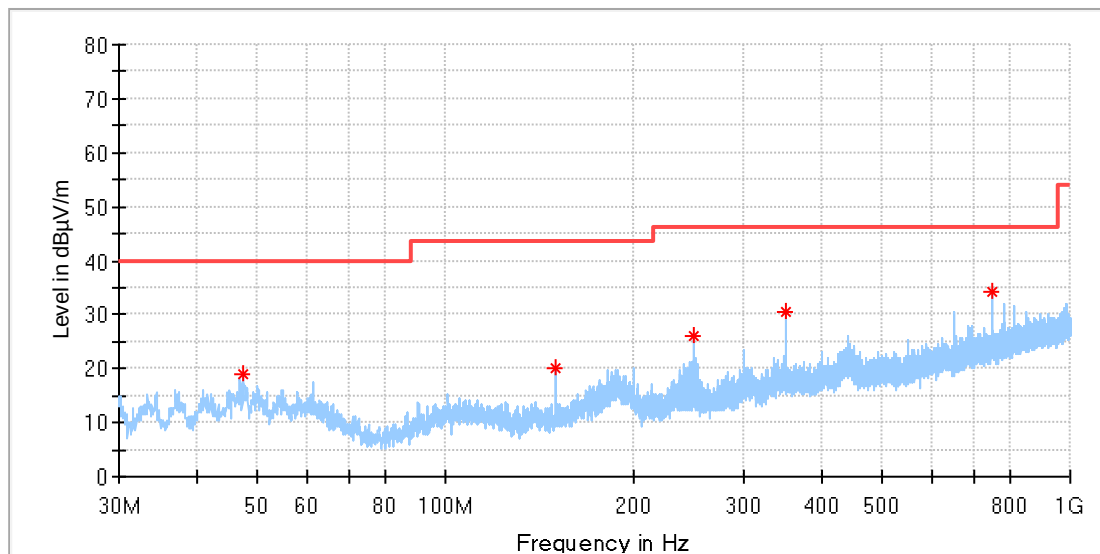
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.266000	23.37	40.00	16.63	100.0	V	43.0	-18.5
57.645000	21.67	40.00	18.33	100.0	V	254.0	-18.7
104.593000	14.57	43.50	28.93	100.0	V	116.0	-18.8
188.983000	15.97	43.50	27.53	100.0	V	73.0	-19.6
413.150000	21.54	46.00	24.46	100.0	V	292.0	-13.5
866.528000	29.05	46.00	16.95	100.0	V	49.0	-5.3

Final_Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

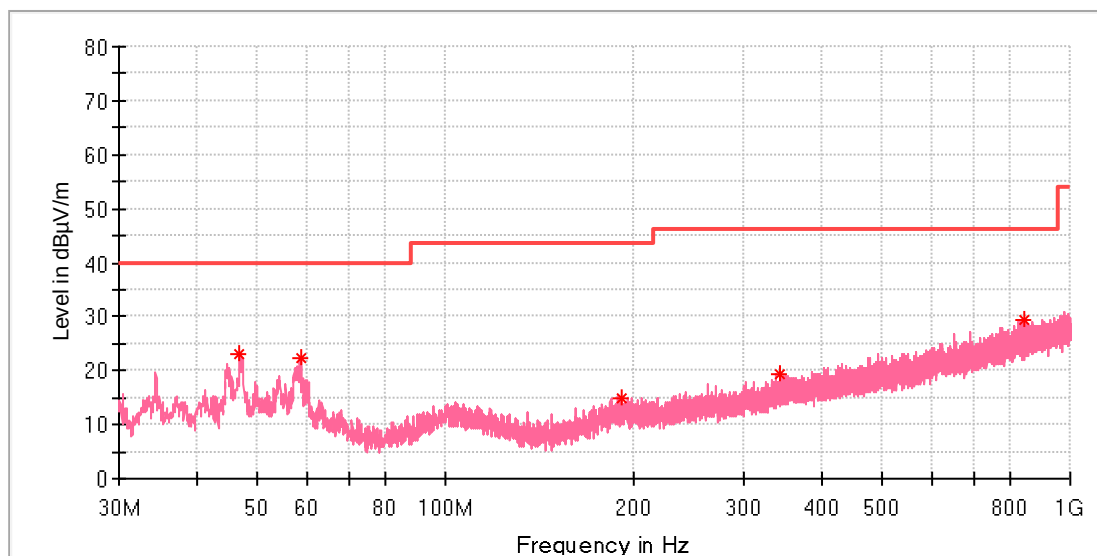
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.508500	18.88	40.00	21.12	100.0	H	192.0	-18.4
149.989000	19.95	43.50	23.55	100.0	H	260.0	-22.1
249.996000	26.16	46.00	19.84	100.0	H	0.0	-17.4
350.003000	30.36	46.00	15.64	100.0	H	6.0	-14.8
750.031000	34.24	46.00	11.76	100.0	H	192.0	-7.2

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
46.878000	23.00	40.00	17.00	100.0	V	108.0	-18.5
58.760500	22.40	40.00	17.60	100.0	V	247.0	-18.8
191.117000	14.82	43.50	28.68	100.0	V	148.0	-19.4
341.661000	19.38	46.00	26.62	100.0	V	298.0	-14.9
841.308000	29.34	46.00	16.66	100.0	V	226.0	-5.6

Final Result

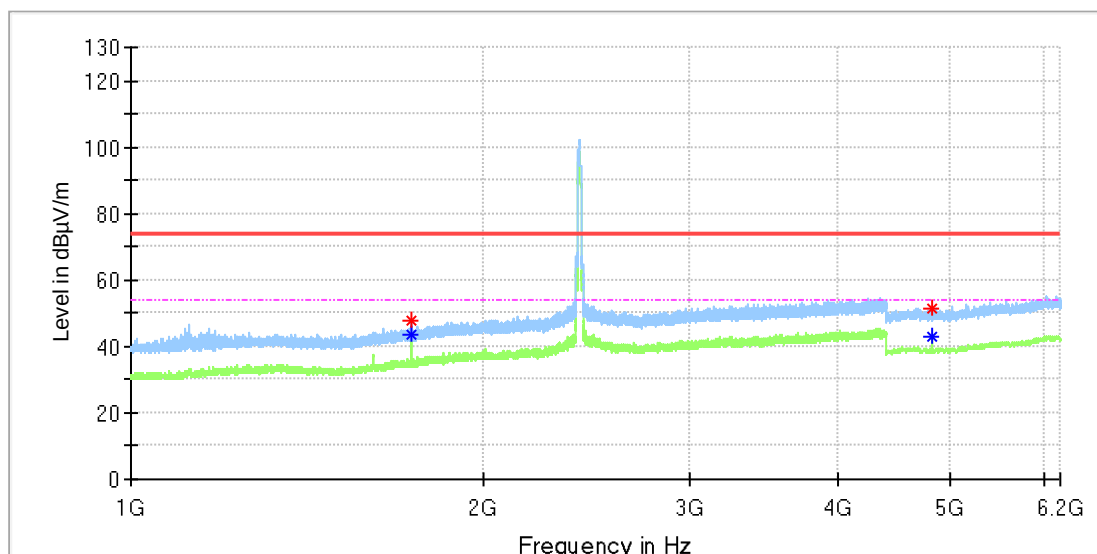
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	SmartRobot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

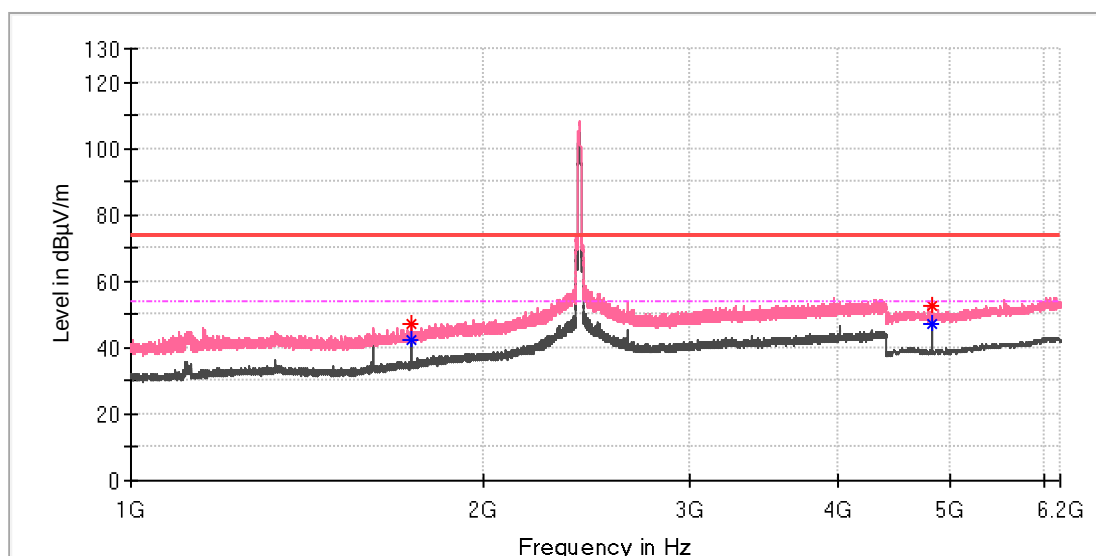
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.400000	47.64	---	74.00	26.36	100.0	H	18.0	3.6
1734.570000	---	43.49	54.00	10.51	100.0	H	133.0	3.6
4824.000000	51.45	---	74.00	22.55	100.0	H	147.0	11.8
4824.000000	---	43.03	54.00	10.97	100.0	H	147.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

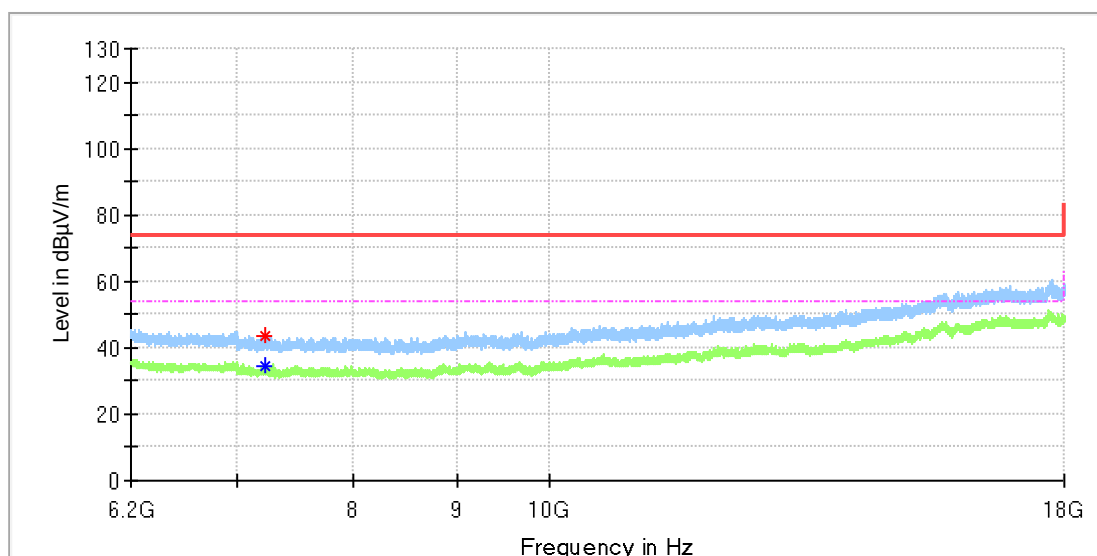
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.400000	---	42.45	54.00	11.55	100.0	V	75.0	3.6
1734.570000	47.34	---	74.00	26.66	100.0	V	75.0	3.6
4824.000000	52.81	---	74.00	21.19	100.0	V	91.0	11.8
4824.000000	---	47.07	54.00	6.93	100.0	V	91.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

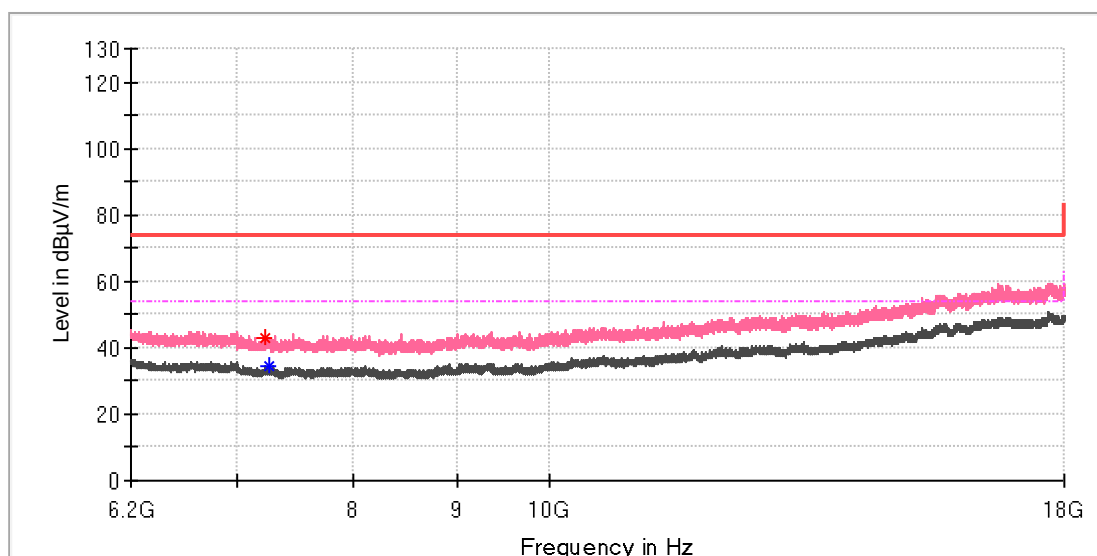
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.008333	43.59	---	74.00	30.41	100.0	H	102.0	8.6
7234.466667	---	34.54	54.00	19.46	100.0	H	161.0	8.6

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

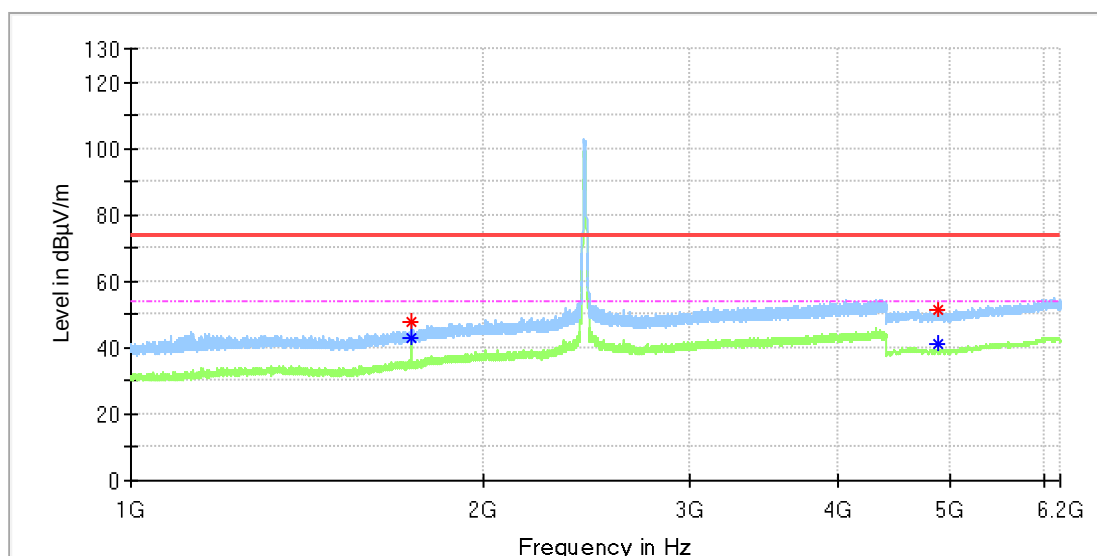
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.500000	43.00	---	74.00	31.00	100.0	V	207.0	8.6
7253.641667	---	34.38	54.00	19.62	100.0	V	151.0	8.5

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

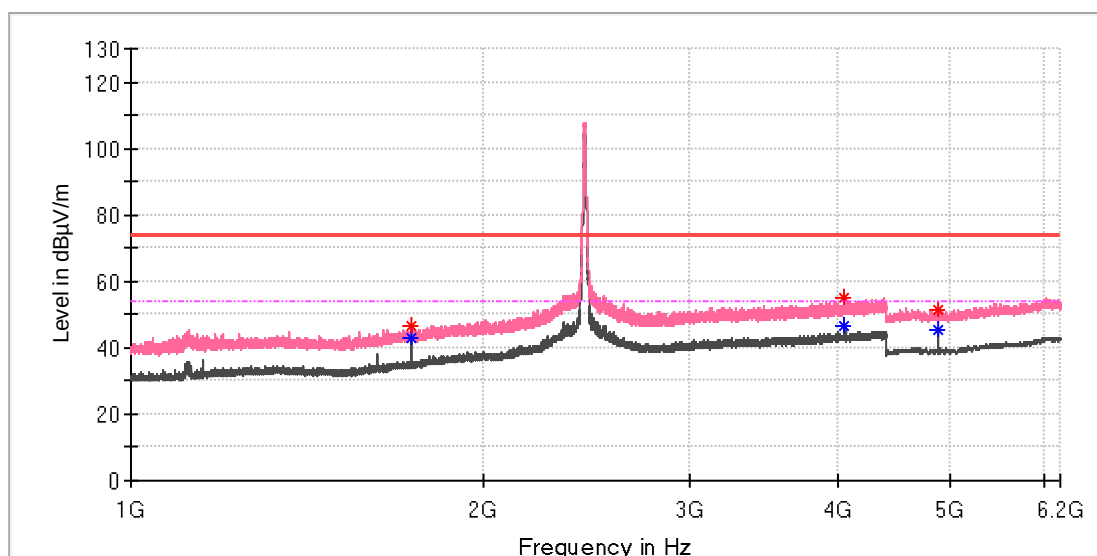
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.230000	47.49	---	74.00	26.51	100.0	H	0.0	3.6
1734.400000	---	42.84	54.00	11.16	100.0	H	132.0	3.6
4873.500000	---	41.05	54.00	12.95	100.0	H	184.0	11.8
4887.000000	51.18	---	74.00	22.82	100.0	H	8.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

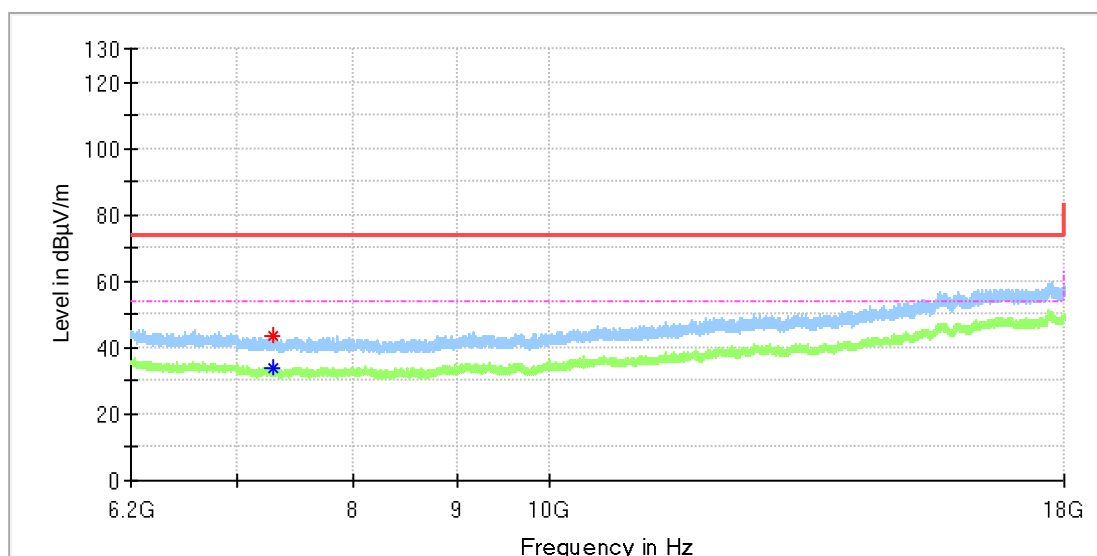
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.400000	---	42.95	54.00	11.05	100.0	V	84.0	3.6
1734.570000	46.78	---	74.00	27.22	100.0	V	84.0	3.6
4058.300000	55.20	---	74.00	18.80	100.0	V	326.0	10.1
4060.510000	---	46.61	54.00	7.39	100.0	V	0.0	10.1
4874.000000	51.22	---	74.00	22.78	100.0	V	6.0	11.8
4874.000000	---	45.10	54.00	8.90	100.0	V	6.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

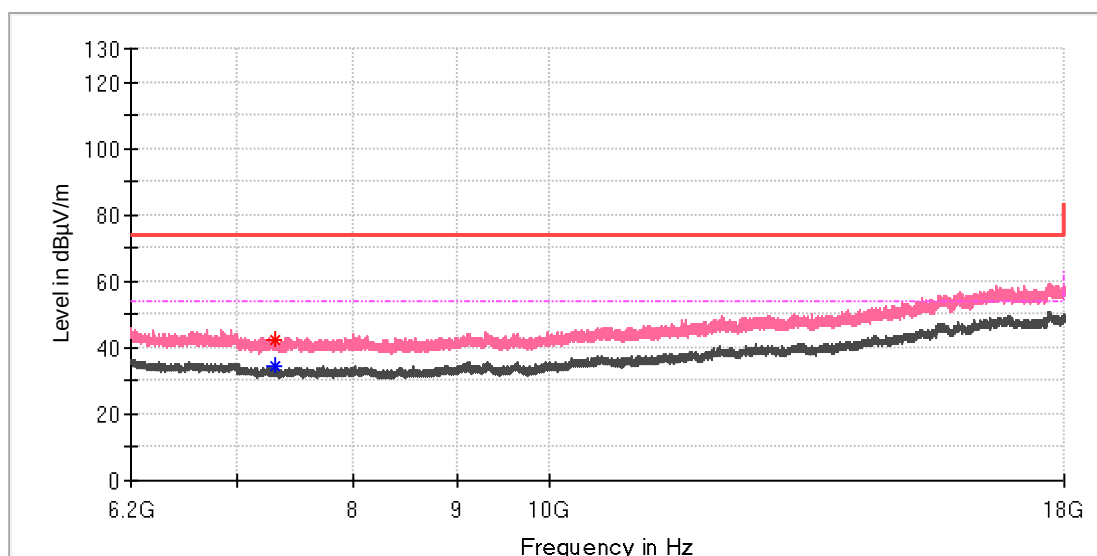
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7290.025000	---	33.69	54.00	20.31	100.0	H	227.0	8.4
7293.958333	43.63	---	74.00	30.37	100.0	H	0.0	8.3

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

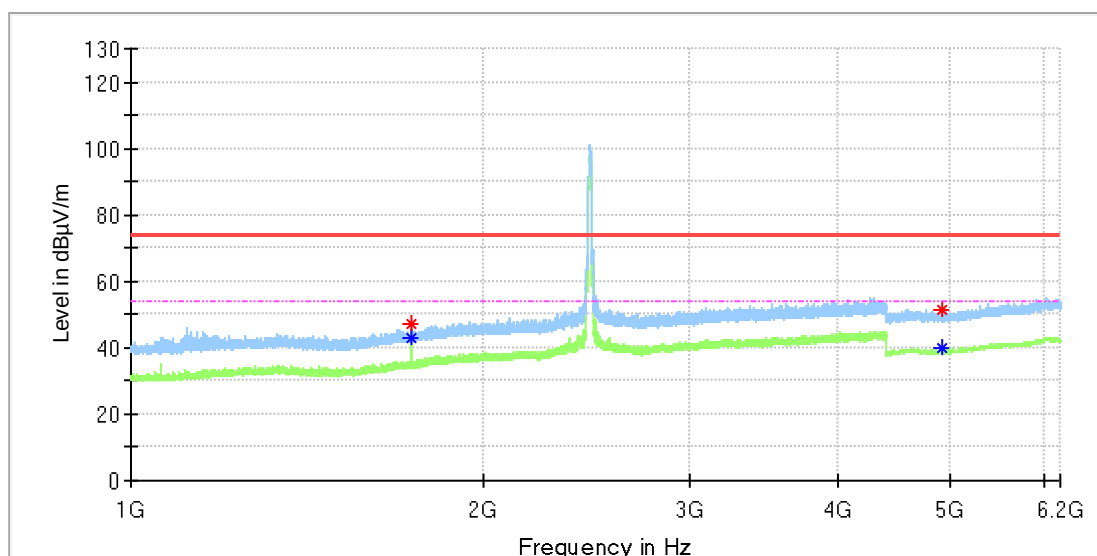
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	---	34.50	54.00	19.50	100.0	V	0.0	8.2
7312.641667	42.59	---	74.00	31.41	100.0	V	189.0	8.2

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

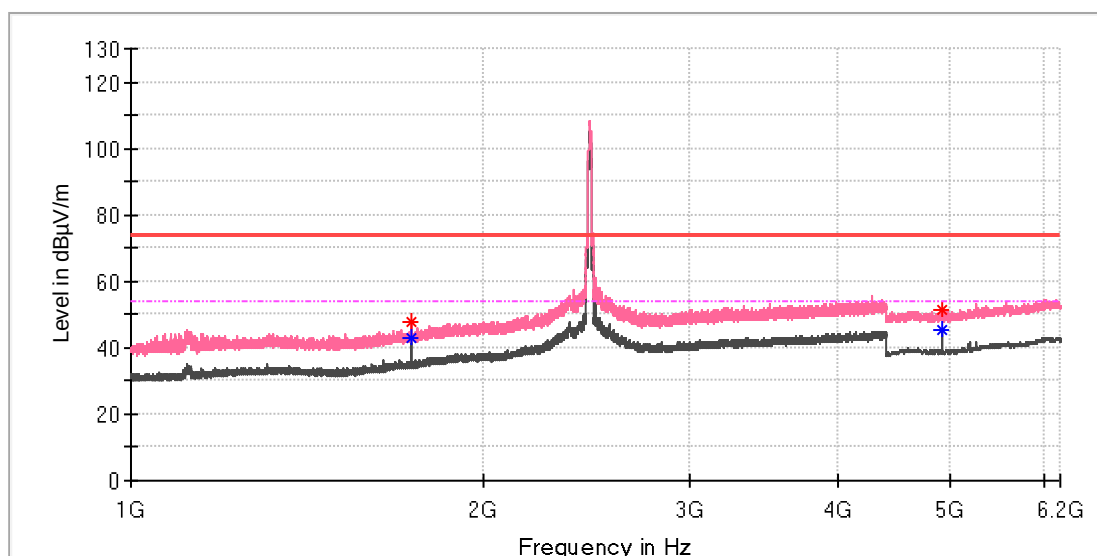
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.400000	---	43.18	54.00	10.82	100.0	H	4.0	3.6
1734.910000	47.19	---	74.00	26.81	100.0	H	28.0	3.6
4912.500000	51.34	---	74.00	22.66	100.0	H	40.0	11.8
4924.000000	---	40.19	54.00	13.81	100.0	H	247.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

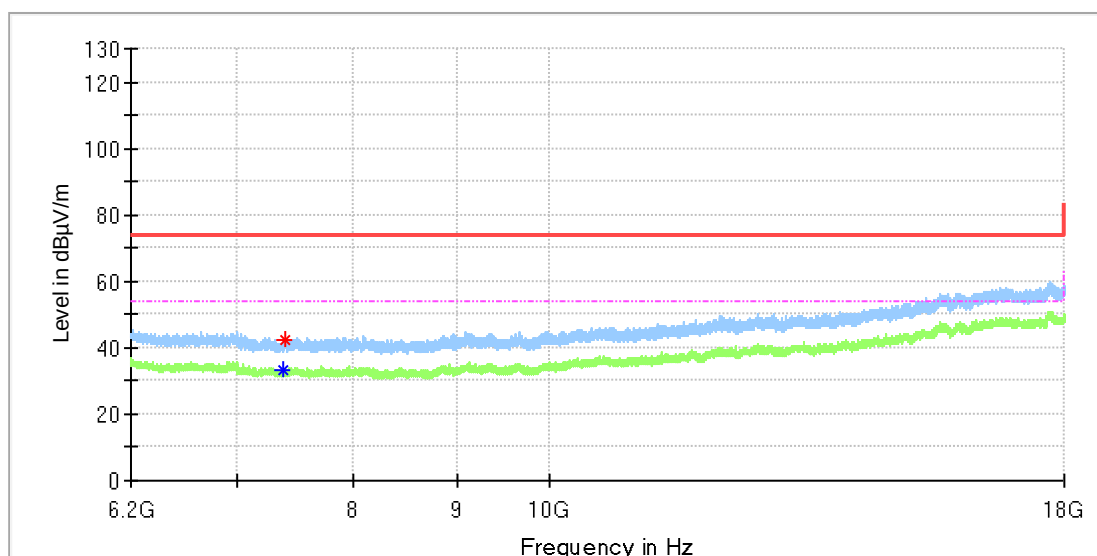
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.230000	47.61	---	74.00	26.39	100.0	V	68.0	3.6
1734.400000	---	42.87	54.00	11.13	100.0	V	78.0	3.6
4923.500000	51.24	---	74.00	22.76	100.0	V	347.0	11.8
4924.000000	---	45.13	54.00	8.87	100.0	V	347.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

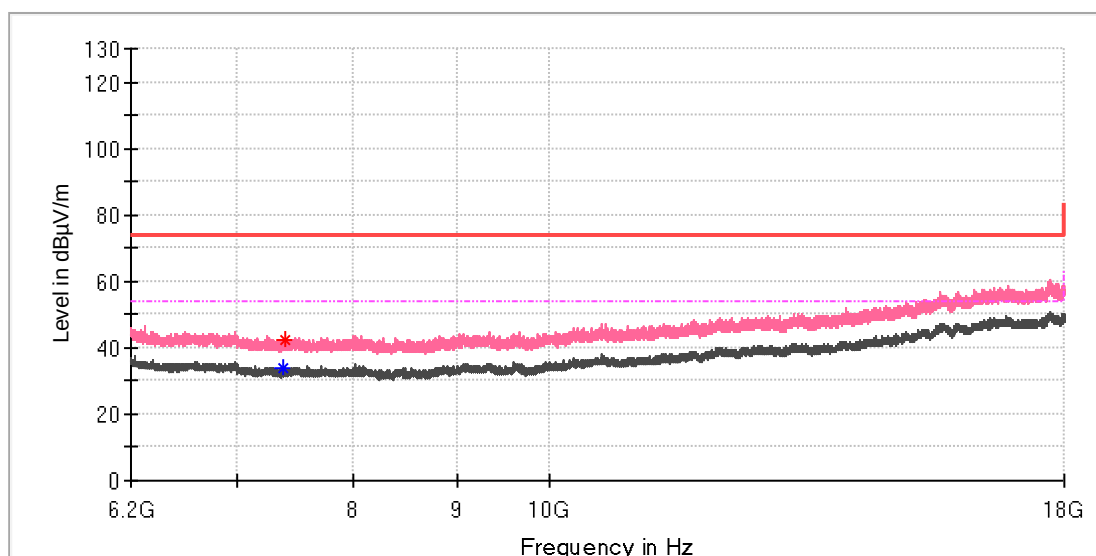
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7382.950000	---	33.14	54.00	20.86	100.0	H	354.0	8.2
7397.700000	42.23	---	74.00	31.77	100.0	H	86.0	8.3

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

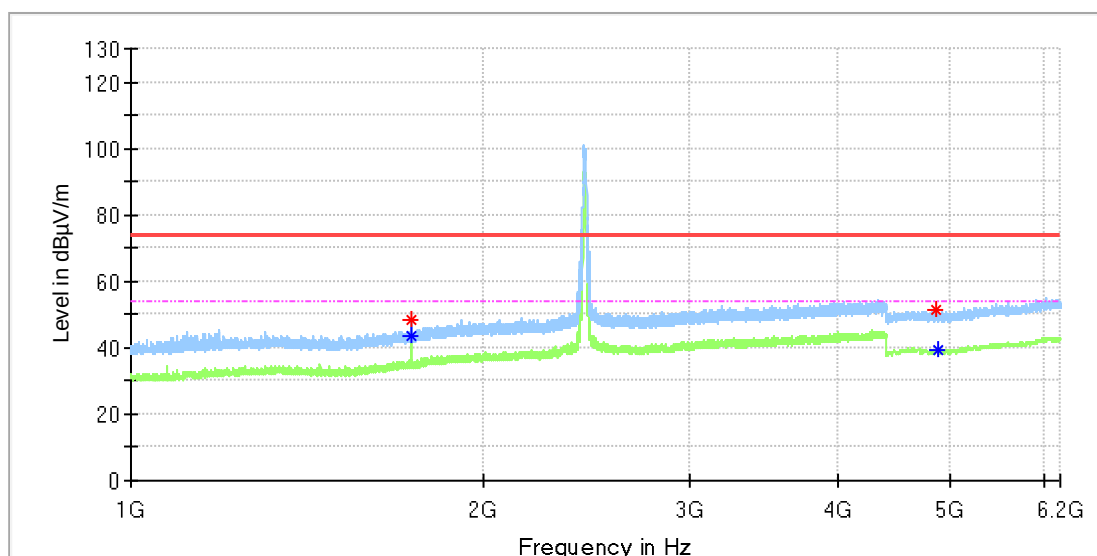
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7383.933333	---	34.07	54.00	19.93	100.0	V	225.0	8.2
7391.800000	42.59	---	74.00	31.41	100.0	V	225.0	8.3

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

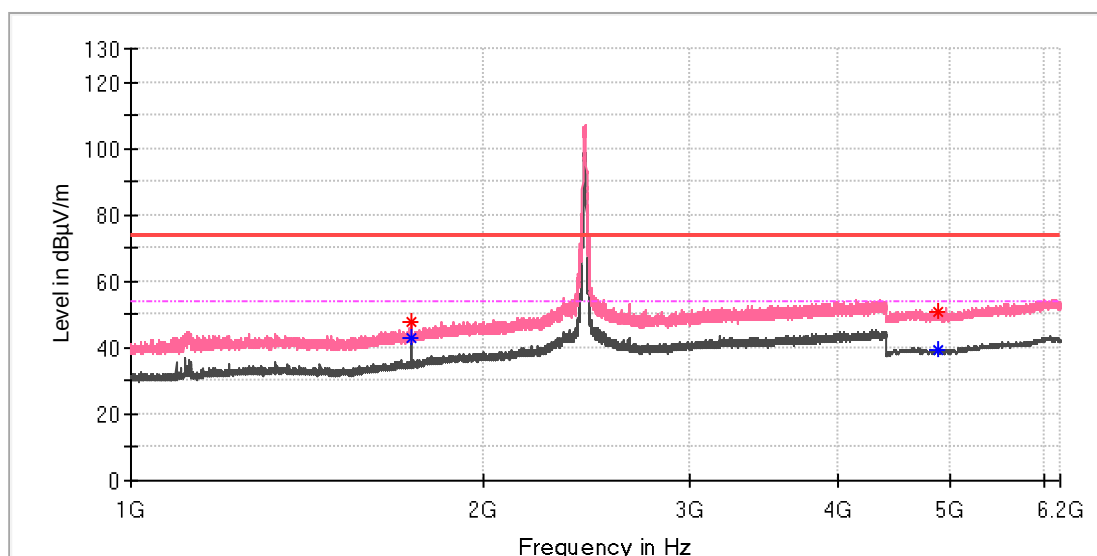
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.570000	48.12	---	74.00	25.88	100.0	H	134.0	3.6
1734.570000	---	43.35	54.00	10.65	100.0	H	134.0	3.6
4851.000000	51.52	---	74.00	22.48	100.0	H	75.0	11.8
4871.500000	---	39.15	54.00	14.85	100.0	H	16.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

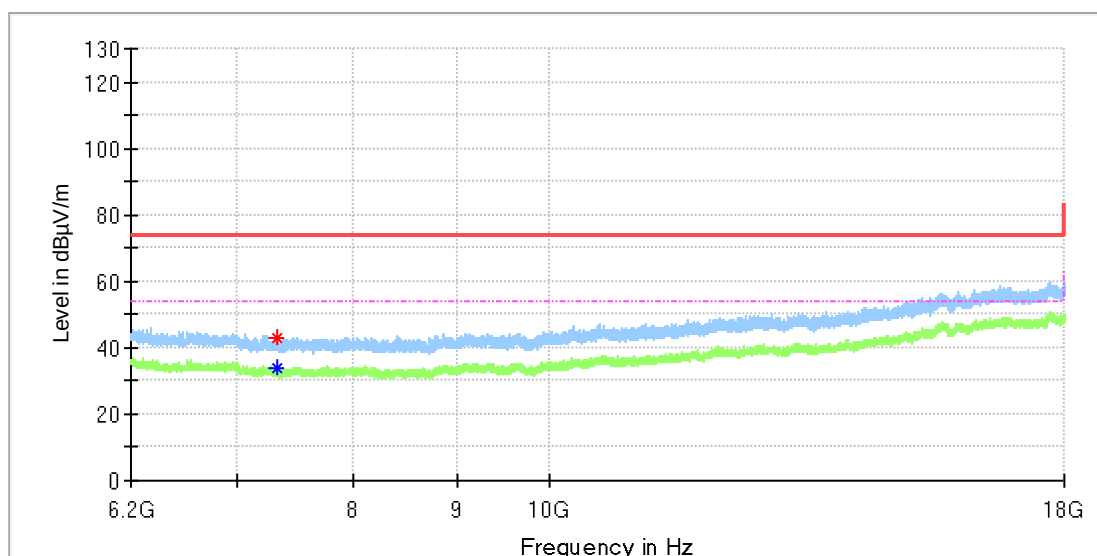
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.230000	47.79	---	74.00	26.21	100.0	V	75.0	3.6
1734.230000	---	43.08	54.00	10.92	100.0	V	75.0	3.6
4870.000000	---	39.27	54.00	14.73	100.0	V	167.0	11.8
4879.500000	50.84	---	74.00	23.16	100.0	V	130.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

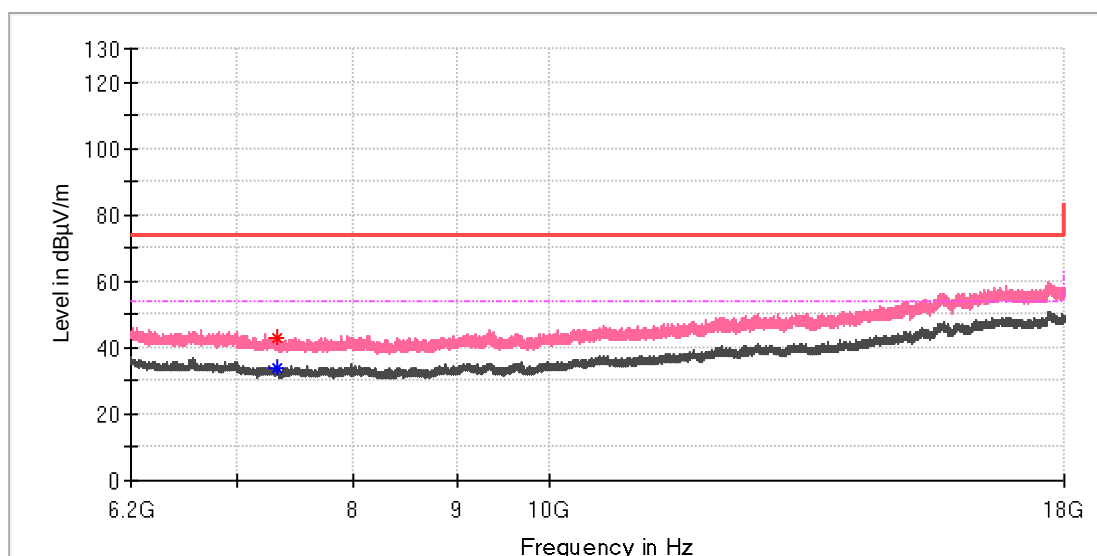
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7325.916667	42.65	---	74.00	31.35	100.0	H	67.0	8.2
7328.866667	---	34.08	54.00	19.92	100.0	H	32.0	8.1

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

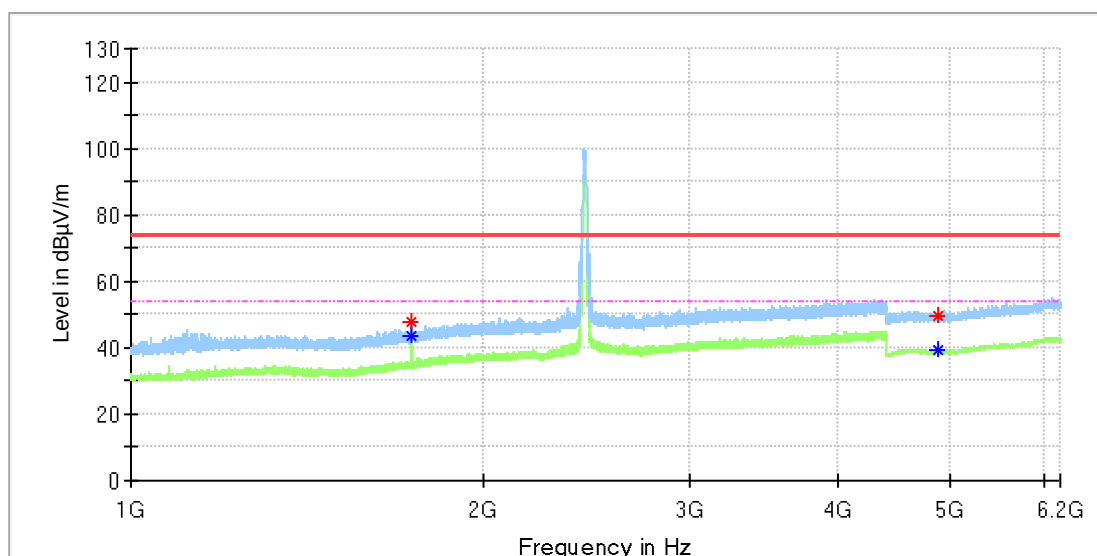
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7324.441667	43.23	---	74.00	30.77	100.0	V	146.0	8.2
7324.441667	---	33.75	54.00	20.25	100.0	V	146.0	8.2

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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

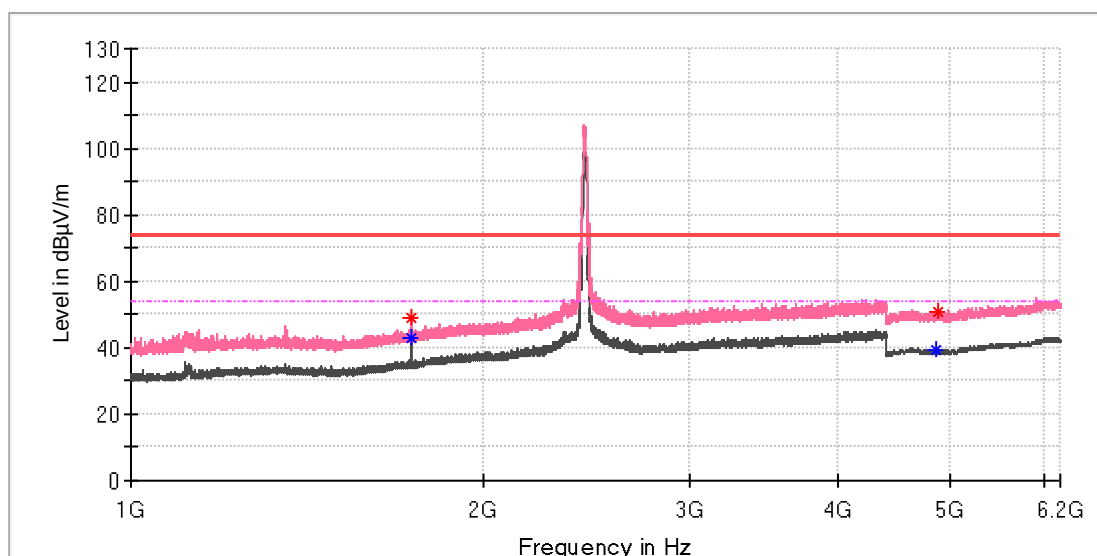
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.400000	47.67	---	74.00	26.33	100.0	H	29.0	3.6
1734.400000	---	43.28	54.00	10.72	100.0	H	29.0	3.6
4869.000000	---	39.21	54.00	14.79	100.0	H	39.0	11.8
4878.500000	49.88	---	74.00	24.12	100.0	H	233.0	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:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

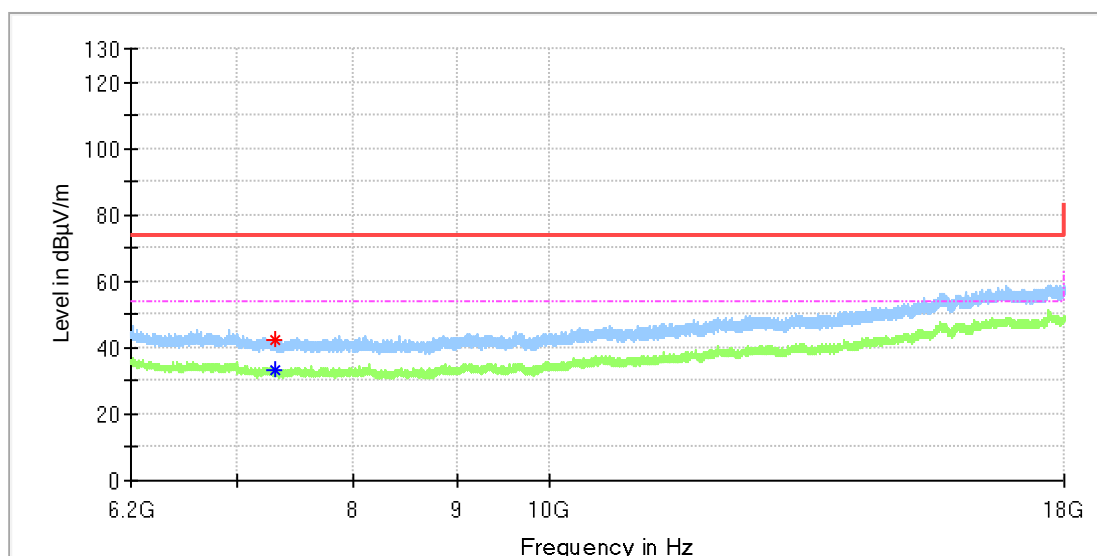
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1734.570000	48.89	---	74.00	25.11	100.0	V	91.0	3.6
1734.570000	---	42.85	54.00	11.15	100.0	V	91.0	3.6
4865.500000	---	39.36	54.00	14.64	100.0	V	119.0	11.8
4876.000000	50.63	---	74.00	23.37	100.0	V	23.0	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: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

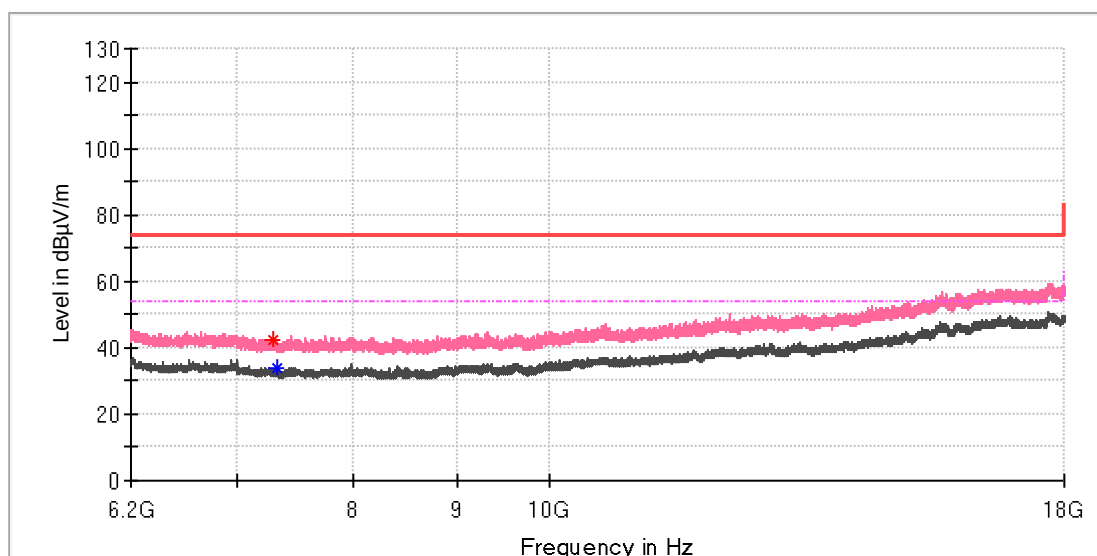
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.083333	42.11	---	74.00	31.89	100.0	H	201.0	8.2
7317.558333	---	33.17	54.00	20.83	100.0	H	238.0	8.2

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

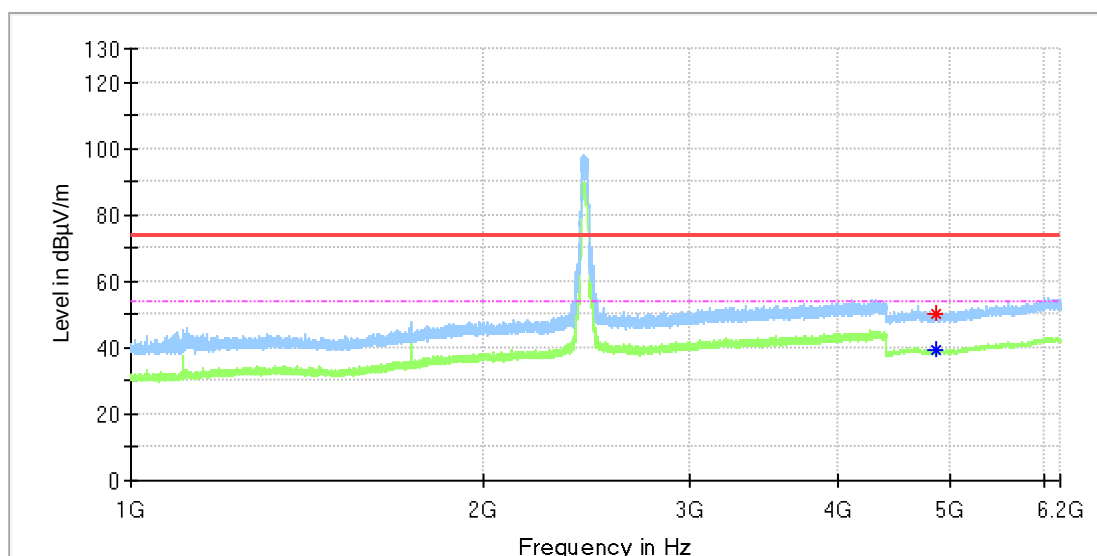
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7294.450000	42.48	---	74.00	31.52	100.0	V	5.0	8.3
7323.458333	---	33.58	54.00	20.42	100.0	V	5.0	8.2

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

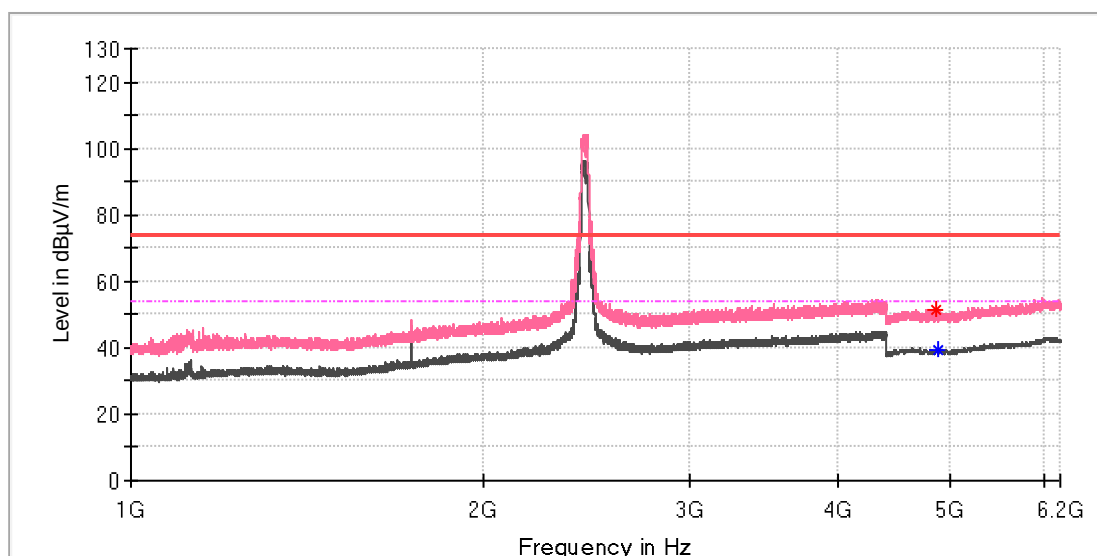
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4854.000000	---	39.32	54.00	14.68	100.0	H	38.0	11.8
4858.000000	50.21	---	74.00	23.79	100.0	H	109.0	11.8

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

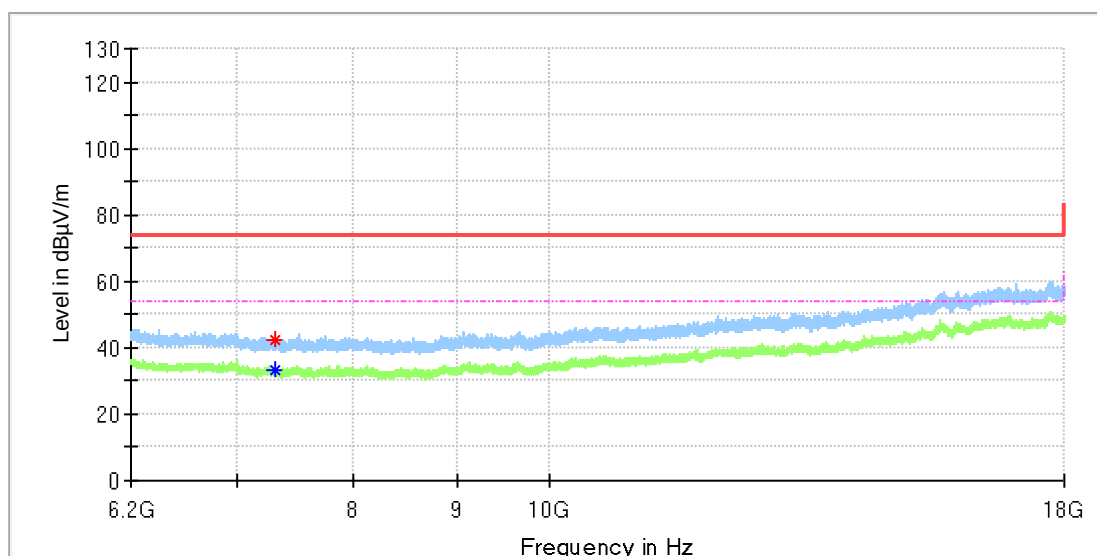
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4854.500000	51.24	---	74.00	22.76	100.0	V	123.0	11.8
4869.000000	---	39.15	54.00	14.85	100.0	V	38.0	11.8

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

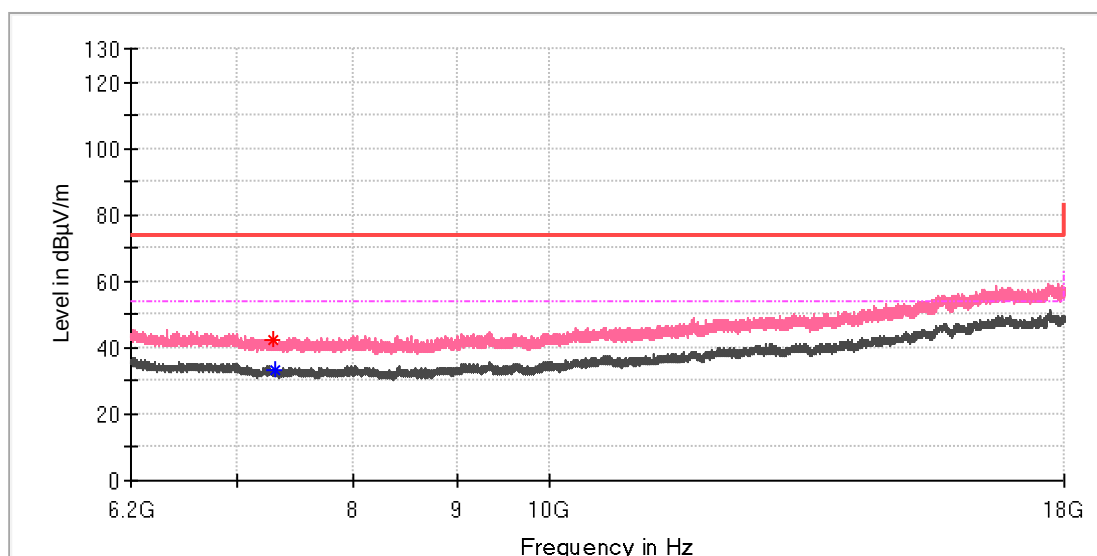
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.216667	42.20	---	74.00	31.80	100.0	H	38.0	8.2
7317.066667	---	33.54	54.00	20.46	100.0	H	73.0	8.2

Final Result

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

EUT Information

EUT Name: SmartRobot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
7298.383333	42.54	---	74.00	31.46	100.0	V	299.0	8.3
7312.150000	---	33.09	54.00	20.91	100.0	V	348.0	8.2

Final Result

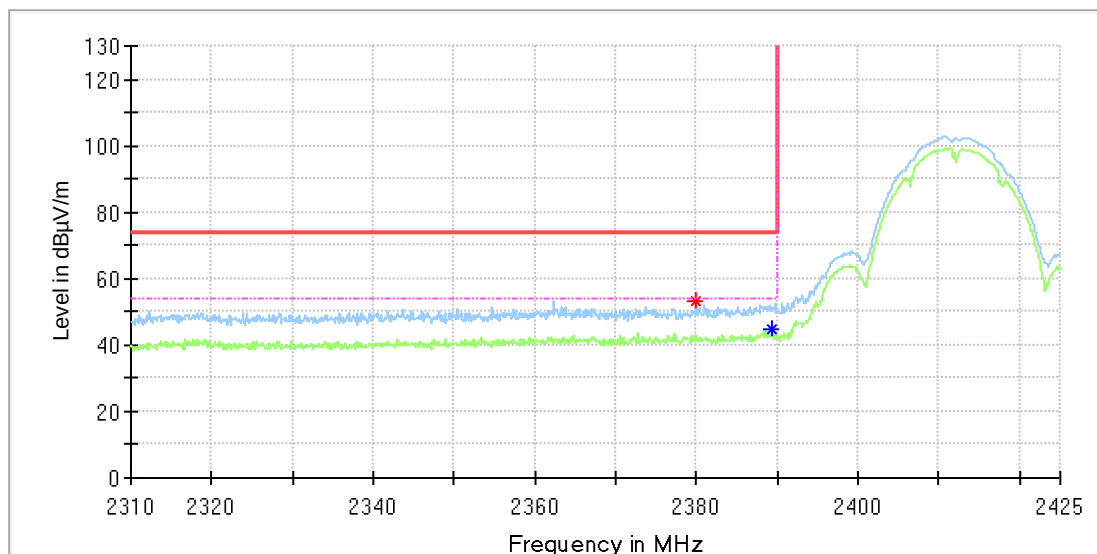
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

Appendix A5: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 1 Mbps

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

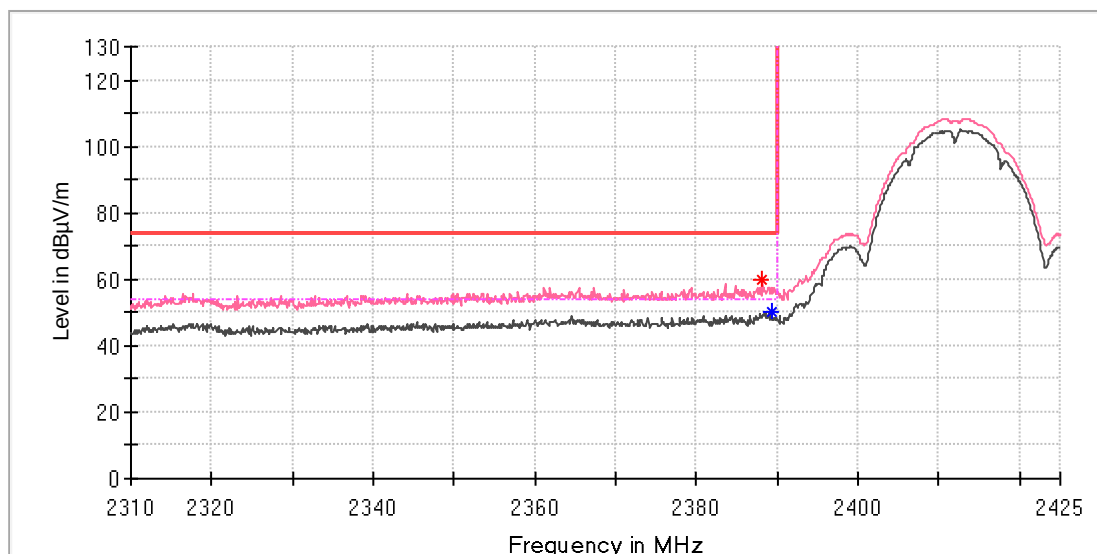
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.000000	53.29	---	74.00	20.71	100.0	H	22.0	7.0
2389.400000	---	44.69	54.00	9.31	100.0	H	13.0	7.0

Final_Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

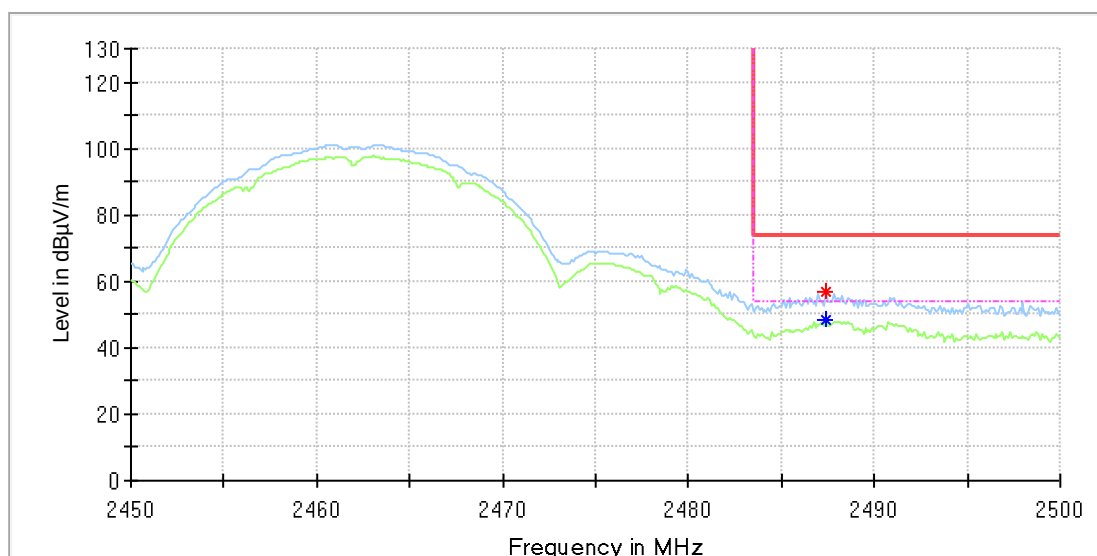
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.100000	59.91	---	74.00	14.09	100.0	V	51.0	7.0
2389.200000	---	50.44	54.00	3.56	100.0	V	341.0	7.0

Final Result

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

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

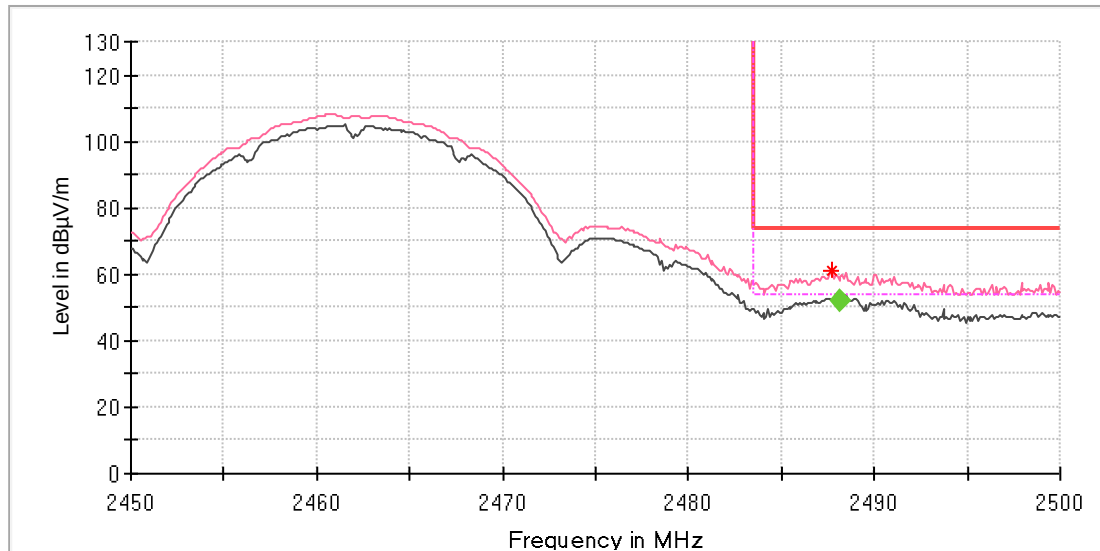
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.400000	56.92	---	74.00	17.08	100.0	H	250.0	7.4
2487.400000	---	48.09	54.00	5.91	100.0	H	250.0	7.4

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
2487.700000	60.82	---	74.00	13.18	100.0	V	344.0	7.4

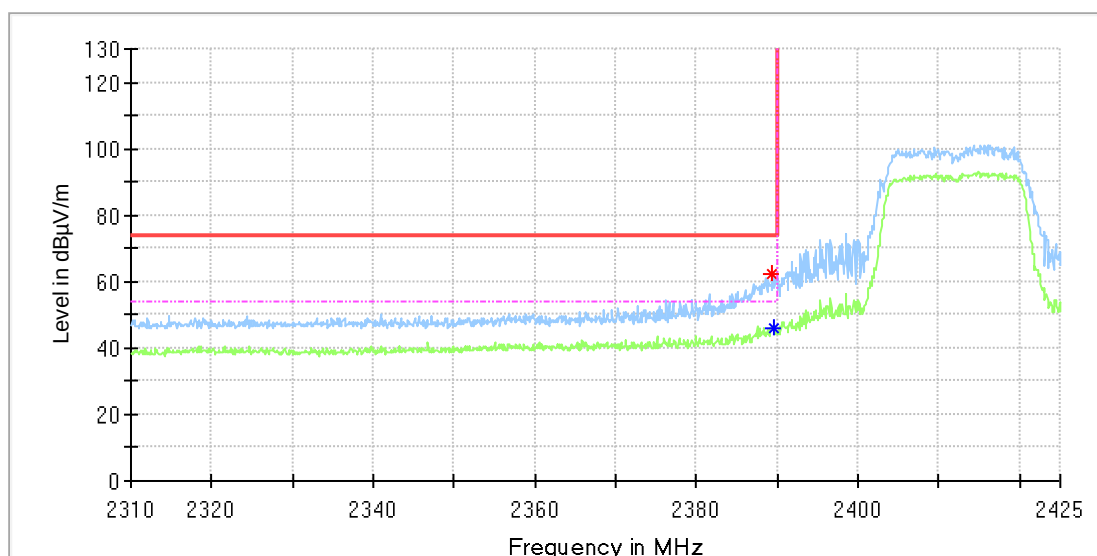
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.171900	51.82	54.00	2.18	100.0	V	342.0	7.4

Wi-Fi 802.11 g mode, 6 Mbps

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

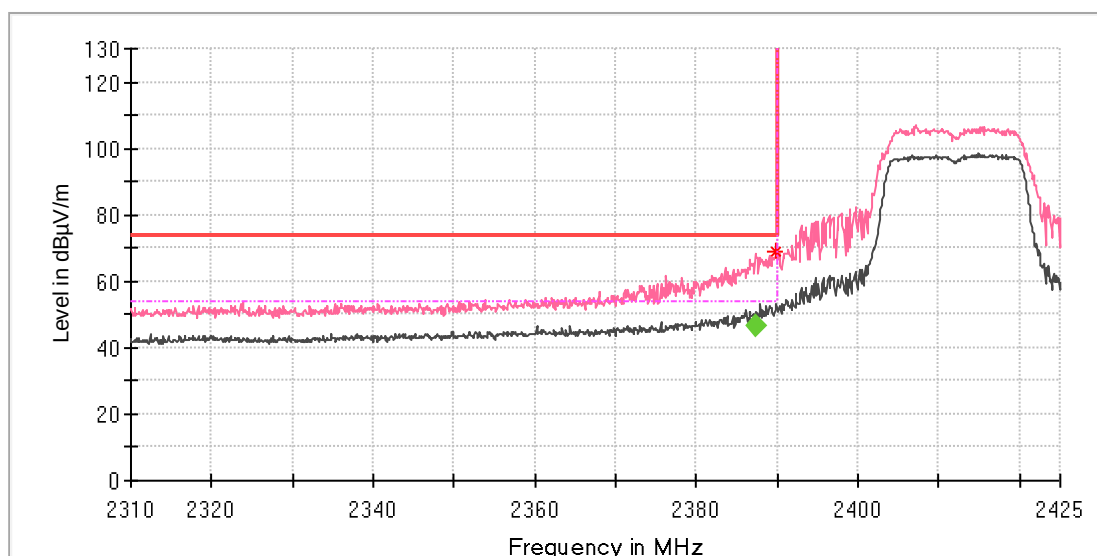
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.400000	62.11	---	74.00	11.89	100.0	H	202.0	7.0
2389.500000	---	46.21	54.00	7.79	100.0	H	32.0	7.0

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

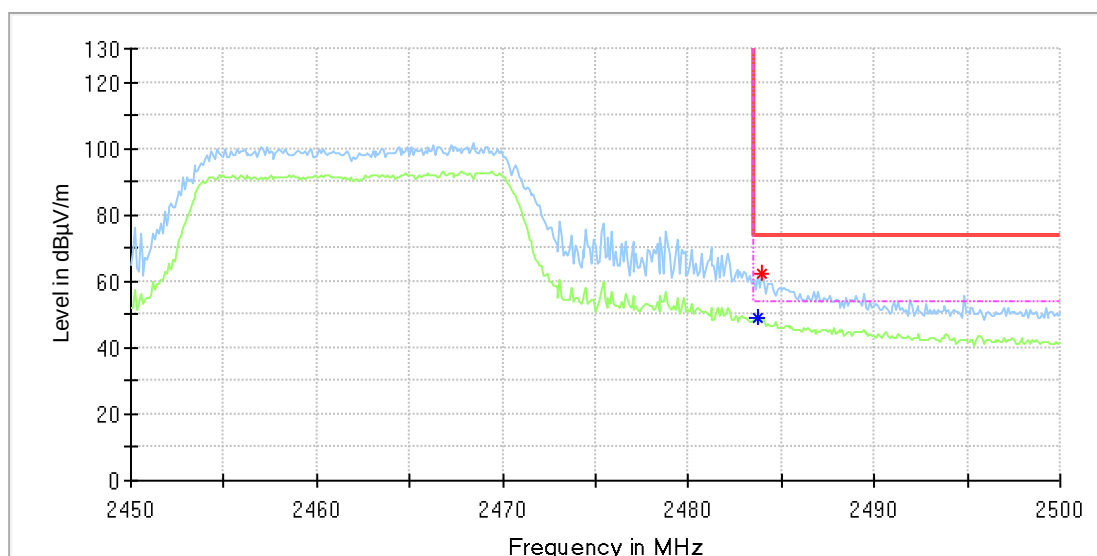
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.900000	68.92	---	74.00	5.08	100.0	V	143.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.413500	46.82	54.00	7.18	105.0	V	350.0	7.0

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

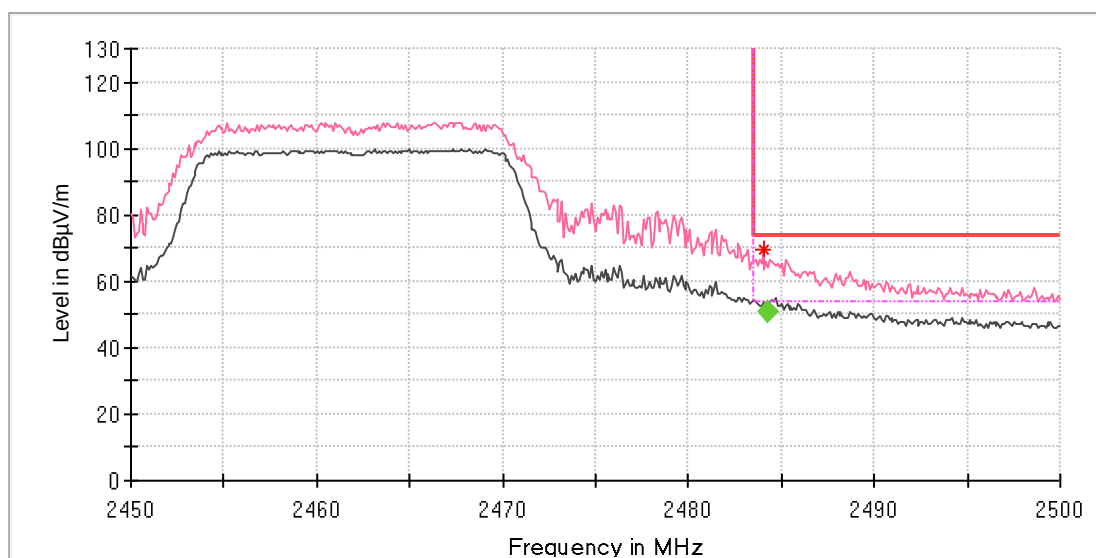
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	---	49.14	54.00	4.86	100.0	H	88.0	7.4
2483.900000	62.02	---	74.00	11.98	100.0	H	260.0	7.4

Final Result

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

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
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)
2484.000000	69.32	---	74.00	4.68	100.0	V	354.0	7.4

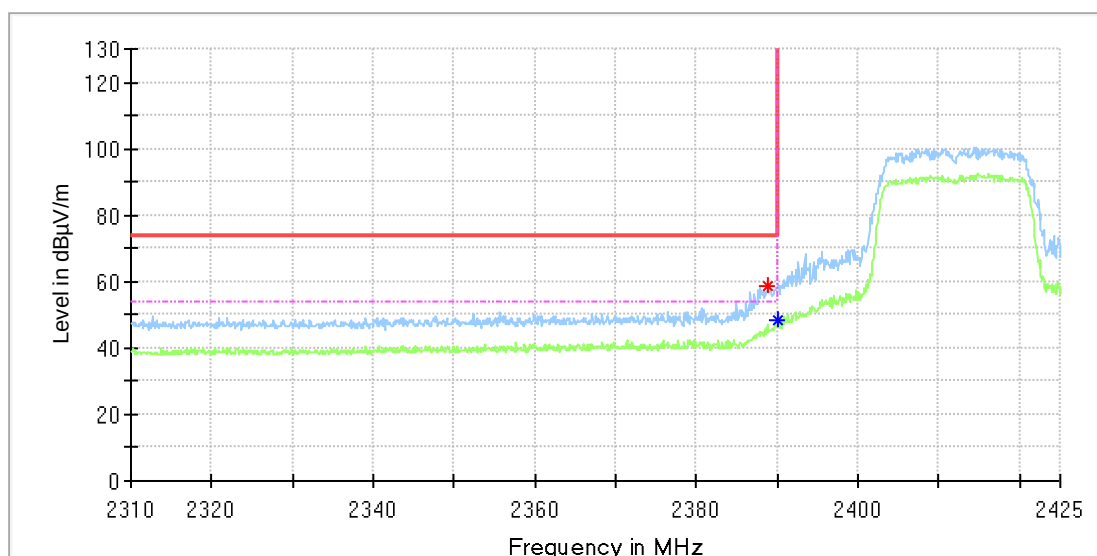
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.240800	51.05	54.00	2.95	105.0	V	-5.0	7.4

Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

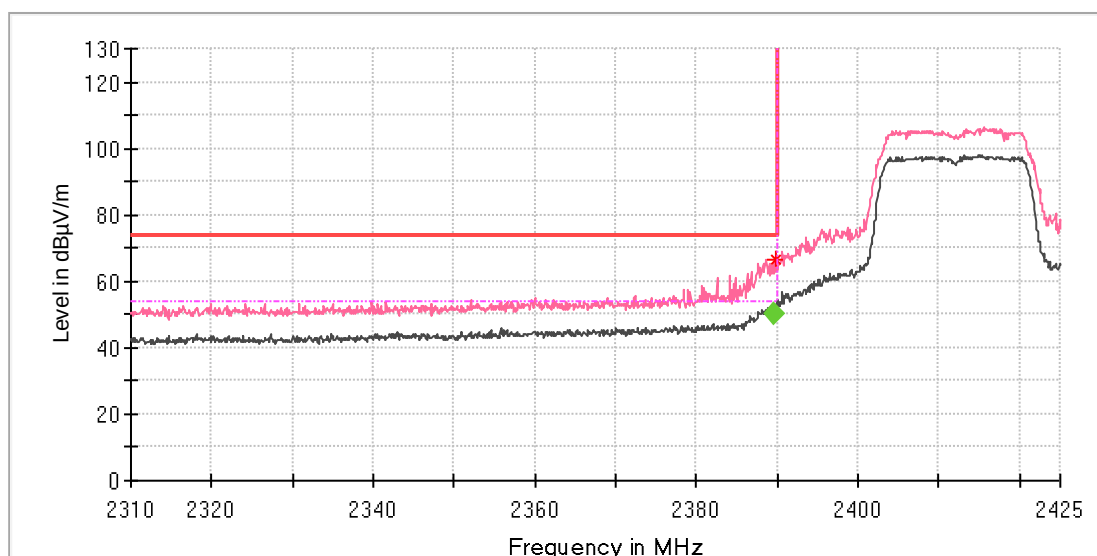
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.900000	58.58	---	74.00	15.42	100.0	H	29.0	7.0
2390.000000	---	48.54	54.00	5.46	100.0	H	83.0	7.0

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

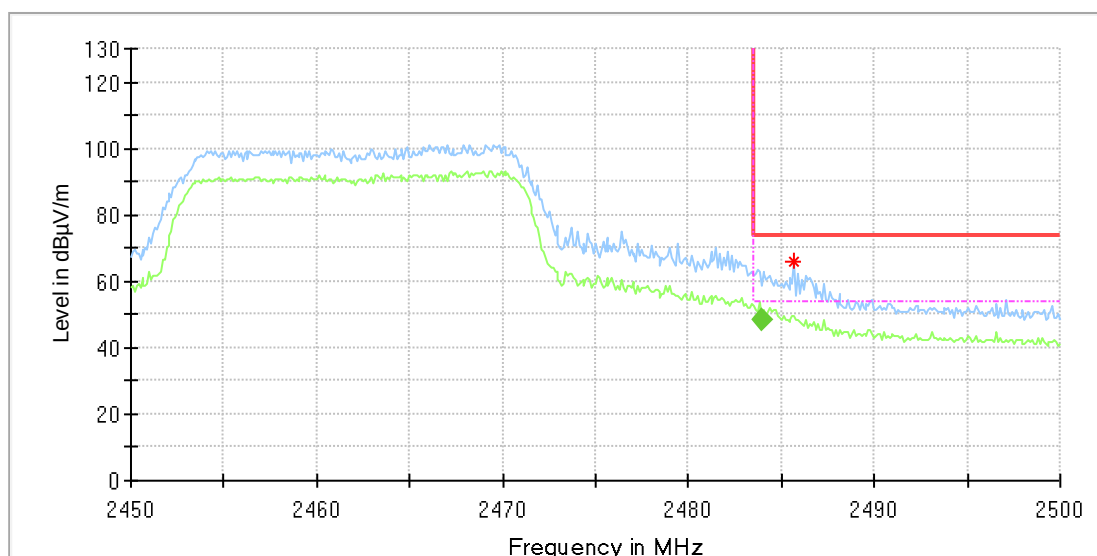
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.800000	66.38	---	74.00	7.62	100.0	V	196.0	7.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.654200	50.37	54.00	3.63	105.0	V	-5.0	7.0

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

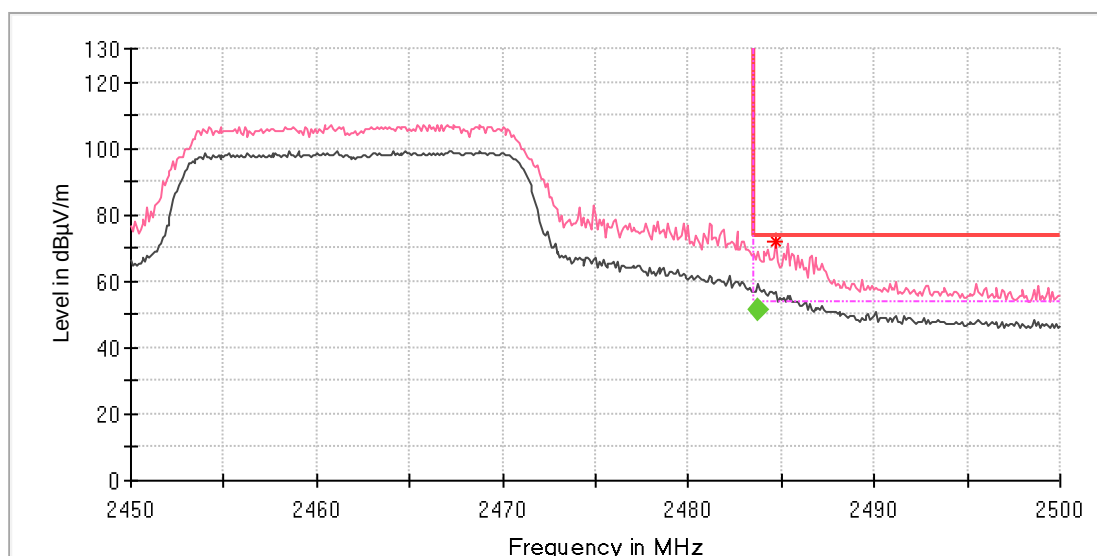
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.700000	65.77	---	74.00	8.23	100.0	H	93.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.993850	48.38	54.00	5.62	100.0	H	88.0	7.4

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
2484.700000	71.96	---	74.00	2.04	100.0	V	354.0	7.4

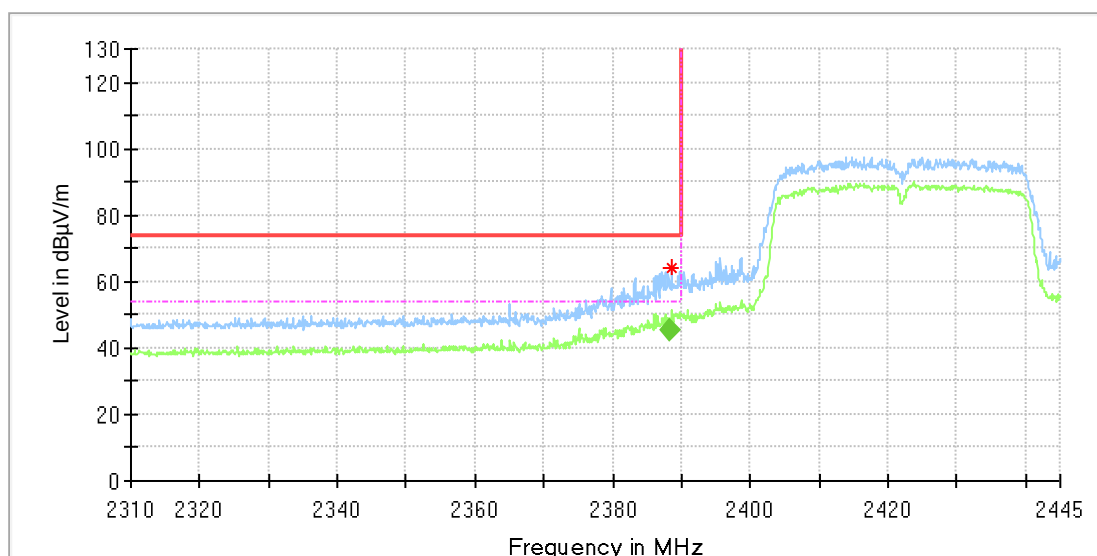
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.684400	51.24	54.00	2.76	100.0	V	239.0	7.4

Wi-Fi 802.11 n(HT40) mode, MCS0

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

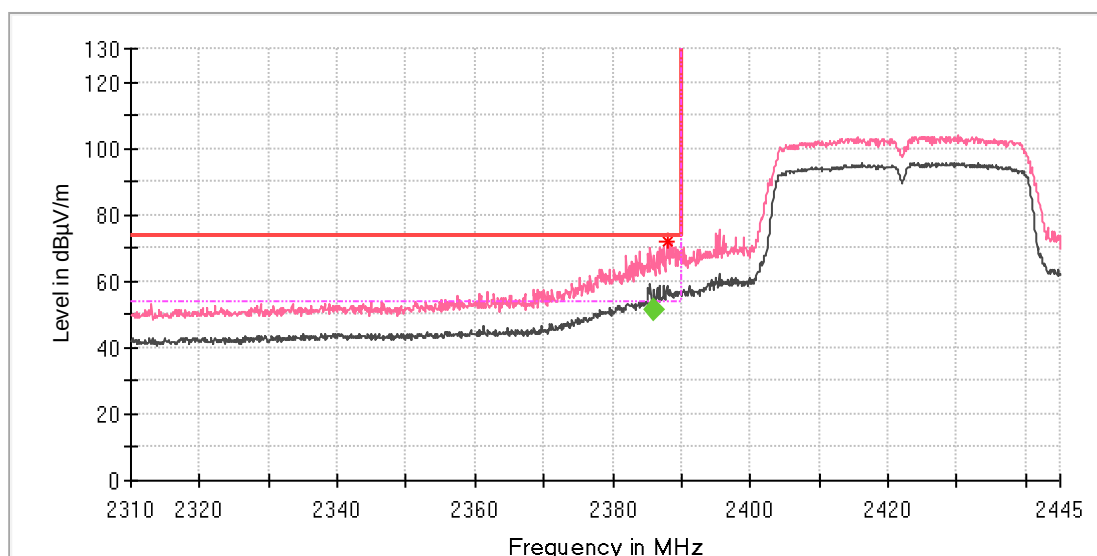
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.600000	64.13	---	74.00	9.87	100.0	H	34.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.140500	45.12	54.00	8.88	105.0	H	29.0	7.0

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

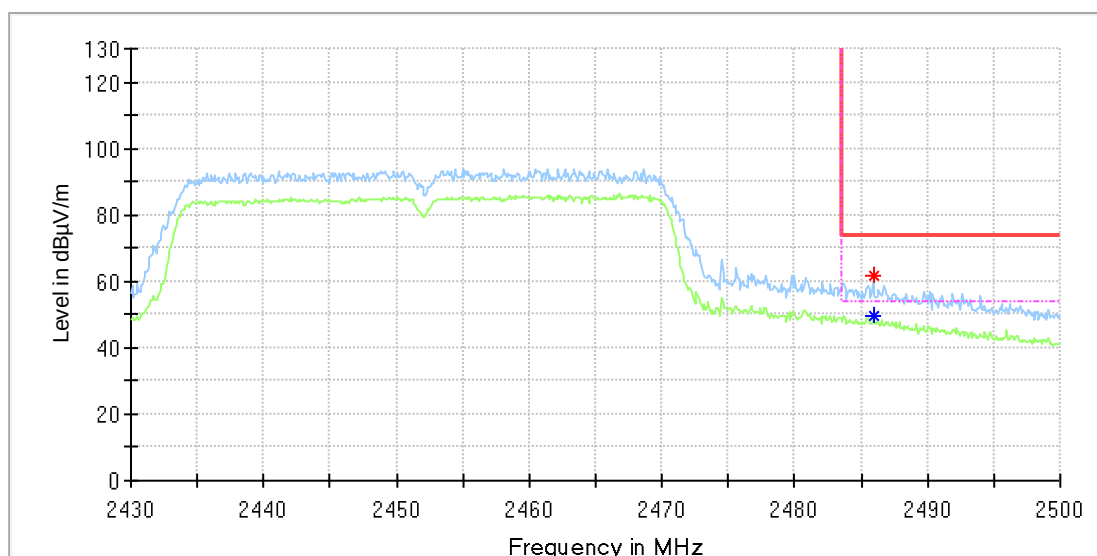
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.900000	71.95	---	74.00	2.05	100.0	V	0.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.955350	51.22	54.00	2.78	100.0	V	132.0	7.0

EUT Information

EUT Name:	Smart Robot Vacuum Cleaner
Model:	U200
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168386514/A003336471-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

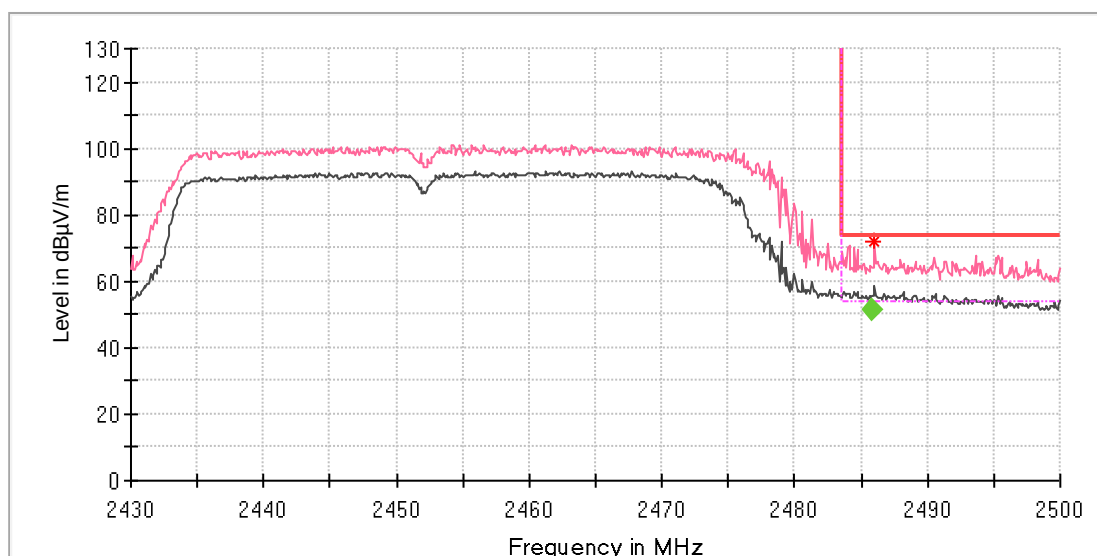
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.900000	61.76	---	74.00	12.24	100.0	H	257.0	7.4
2485.900000	---	49.88	54.00	4.12	100.0	H	257.0	7.4

Final Result

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

EUT Information

EUT Name: Smart Robot Vacuum Cleaner
Model: U200
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168386514/A003336471-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.000000	71.77	---	74.00	2.23	100.0	V	354.0	7.4

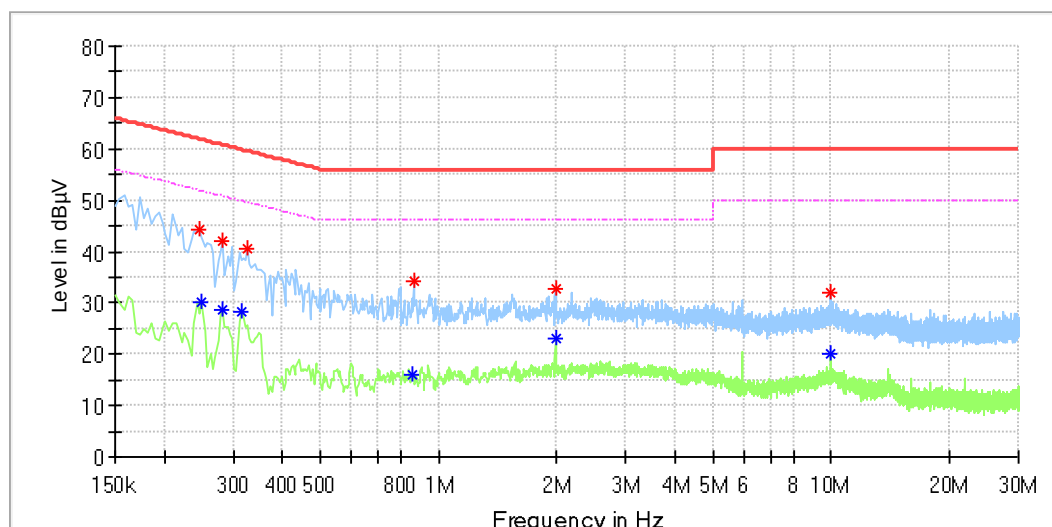
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.795950	51.19	54.00	2.81	105.0	V	353.0	7.4

Appendix A.6: Test Results of Conducted Emission

EUT Information

EUT Name:	SmartRobot Vacuum Cleaner
Order Number:	168386514
Model:	U200
Test Mode:	Charging + WiFi Link
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Kei Zhang/ Terry Yin
Test Standard:	FCC 15C
Tem./Hum./Pressure:	25.0°C/50.2%/101kPa
Remark:	SR2



Critical Freqs

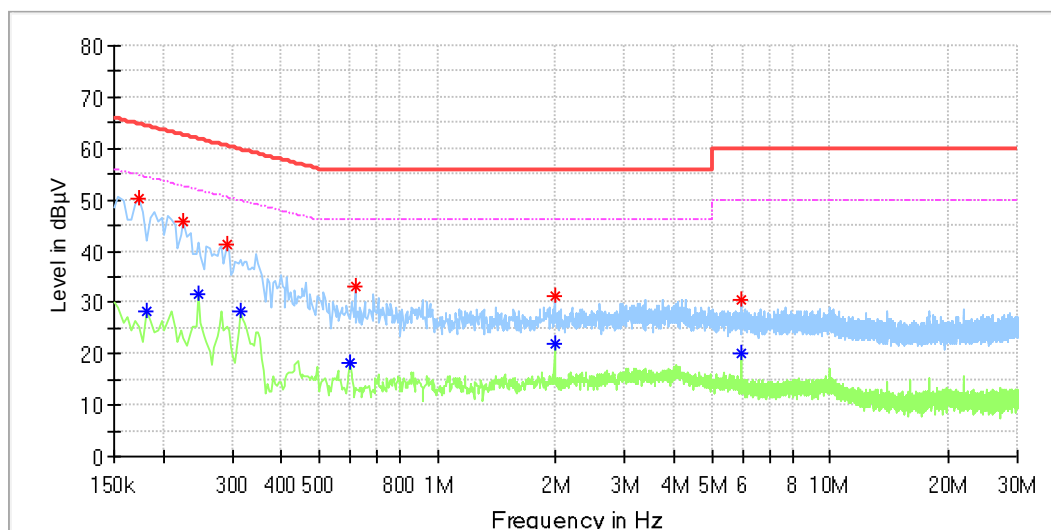
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.246000	44.33	---	61.89	17.56	L1	9.9
0.250000	---	30.11	51.76	21.64	L1	9.9
0.282000	42.05	---	60.76	18.71	L1	9.9
0.282000	---	28.62	50.76	22.14	L1	9.9
0.314000	---	28.31	49.86	21.55	L1	9.9
0.326000	40.72	---	59.55	18.83	L1	9.9
0.854000	---	16.18	46.00	29.82	L1	10.0
0.866000	34.16	---	56.00	21.84	L1	10.0
1.986000	---	23.01	46.00	22.99	L1	10.1
1.986000	32.64	---	56.00	23.36	L1	10.1
9.938000	31.87	---	60.00	28.13	L1	10.3
9.942000	---	19.94	50.00	30.06	L1	10.3

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
90.0000	86.0000	86.0000	86.0000	0.0000	0.0000	0.0000		

EUT Information

EUT Name:	SmartRobot Vacuum Cleaner
Order Number:	168386514
Model:	U200
Test Mode:	Charging + WiFi Link
Test Voltage:	AC 120V/60Hz
Test By./Review By:	Kei Zhang/ Terry Yin
Test Standard:	FCC 15C
Tem./Hum./Pressure:	25.0°C/50.2%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.174000	50.17	---	64.77	14.60	N	9.8
0.182000	---	28.14	54.39	26.25	N	9.8
0.226000	45.60	---	62.60	16.99	N	9.8
0.246000	---	31.55	51.89	20.34	N	9.8
0.290000	41.29	---	60.52	19.24	N	9.8
0.314000	---	28.14	49.86	21.73	N	9.8
0.598000	---	18.05	46.00	27.95	N	9.8
0.618000	32.97	---	56.00	23.03	N	9.8
1.990000	---	22.05	46.00	23.95	N	9.8
1.990000	31.40	---	56.00	24.60	N	9.8
5.962000	---	20.06	50.00	29.94	N	9.9
5.966000	30.53	---	60.00	29.47	N	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
93.5	62.0	58.0	60.0	2.0	1000	9	1	0