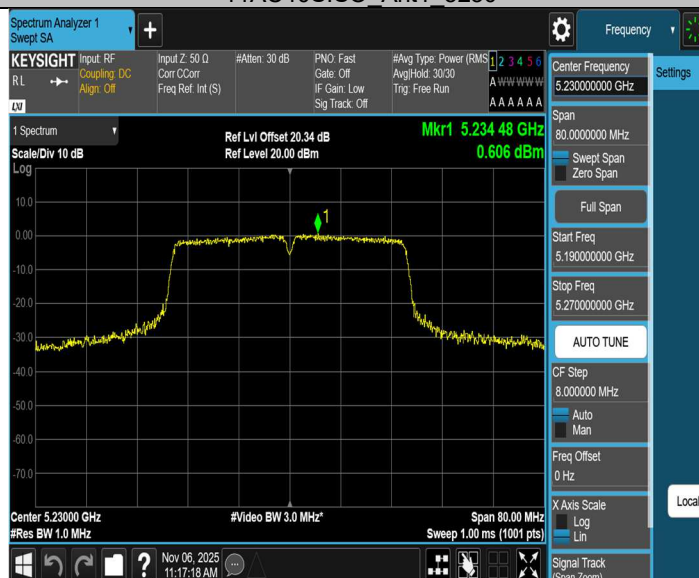




11AC40SISO_Ant1_5190



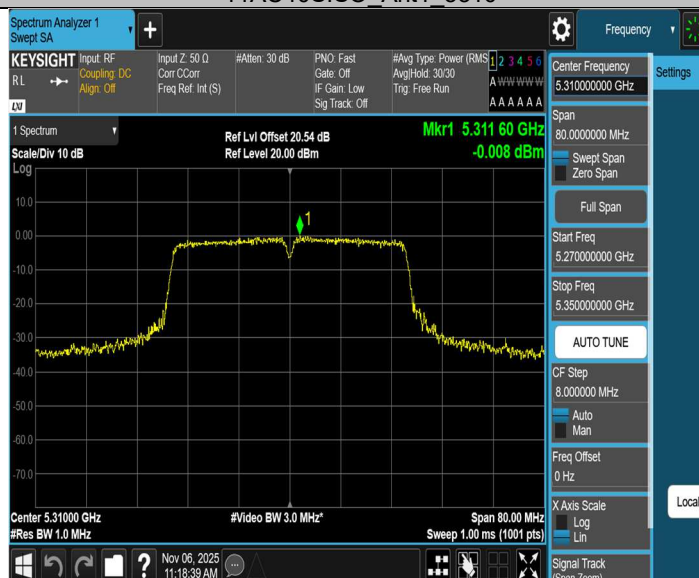
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



11AC40SISO_Ant1_5670



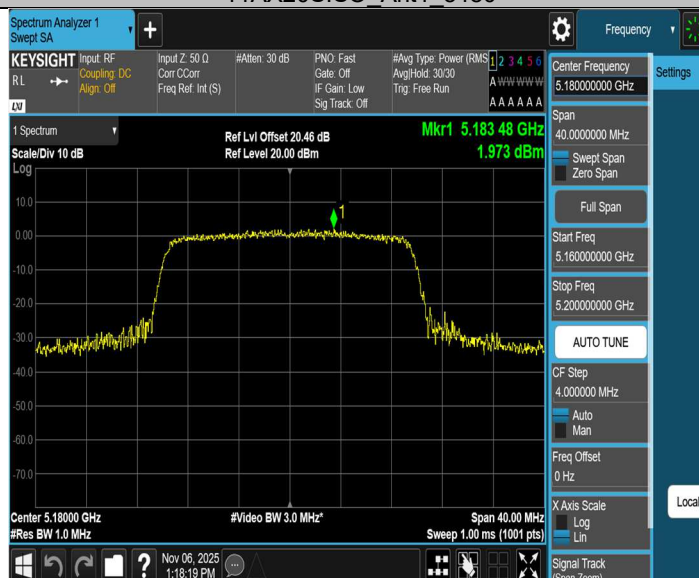
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



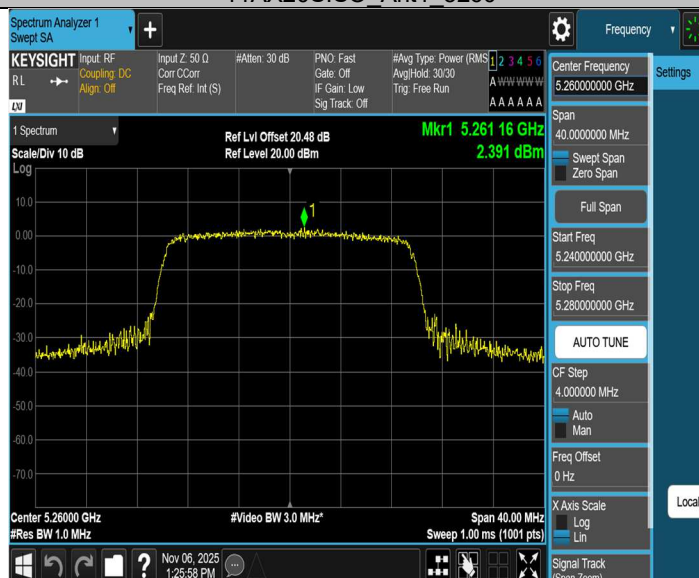
11AX20SISO_Ant1_5200



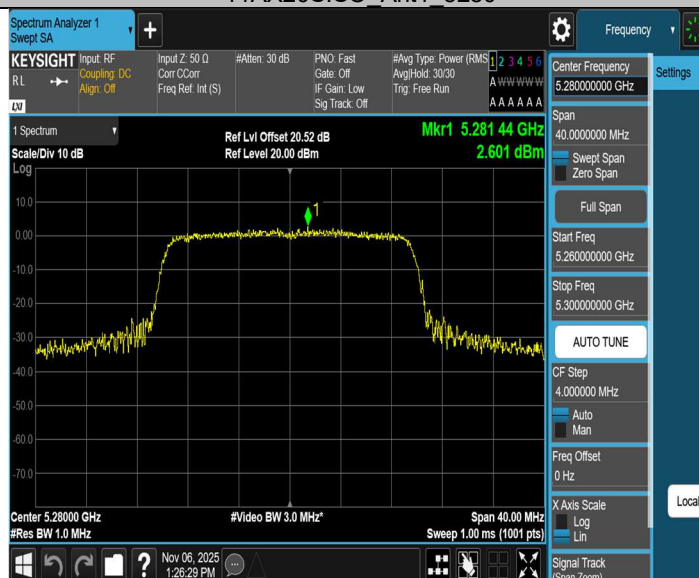
11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



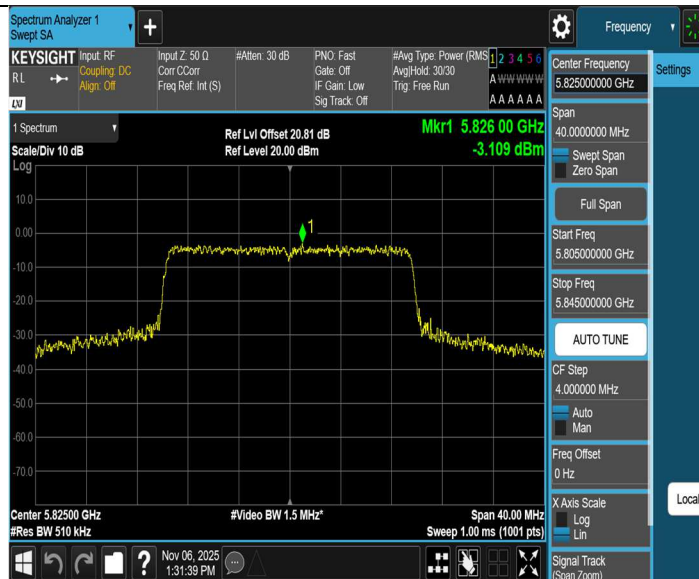
11AX20SISO_Ant1_5745



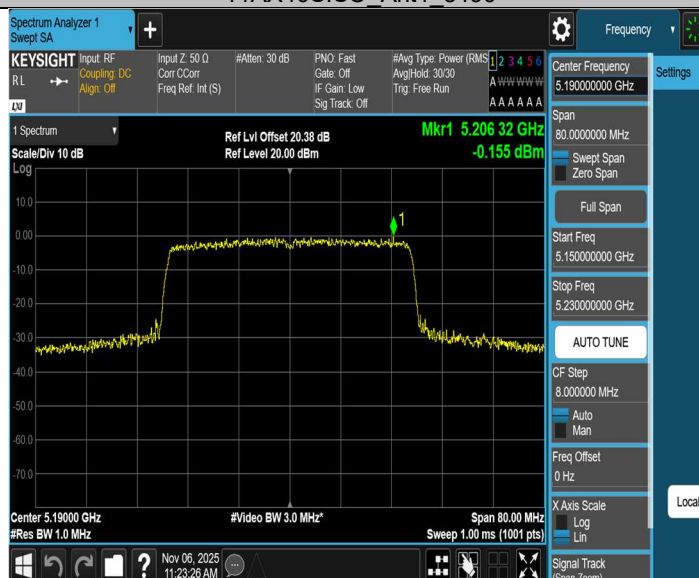
11AX20SISO_Ant1_5785



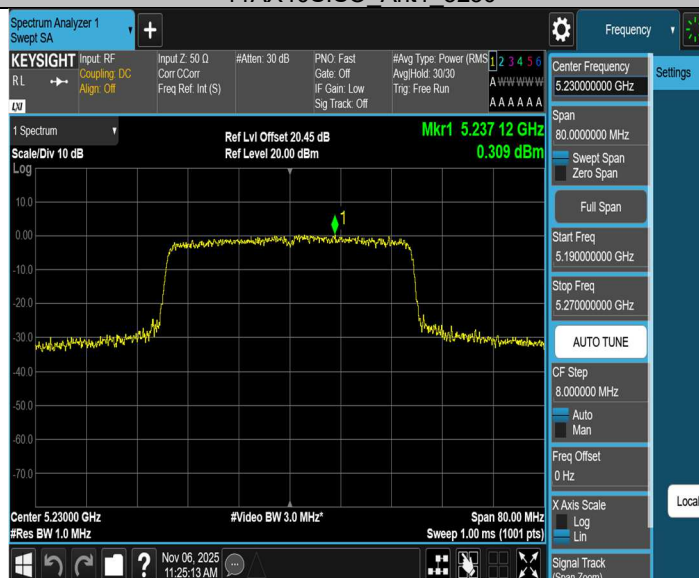
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



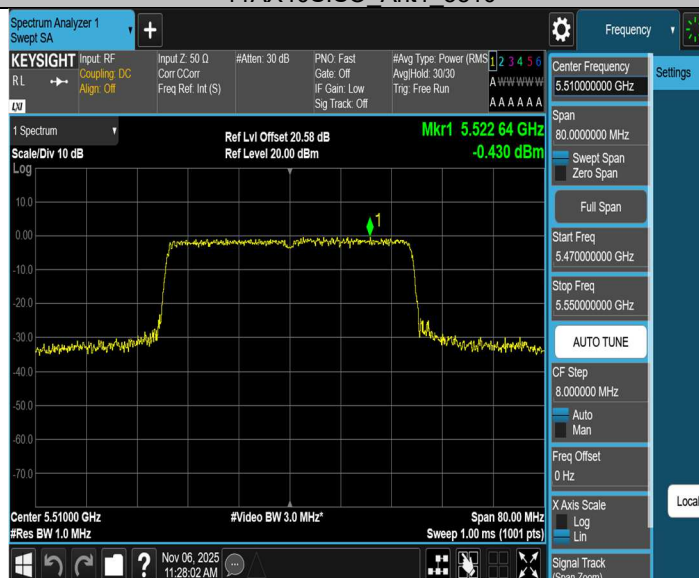
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX40SISO_Ant1_5510



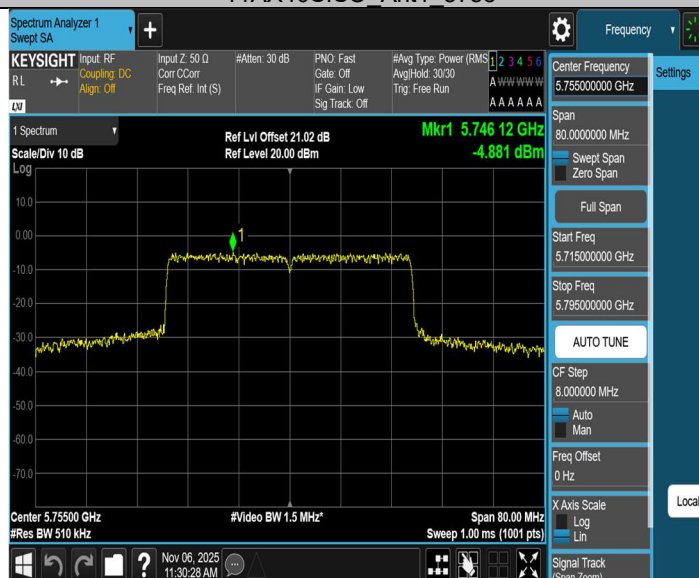
11AX40SISO_Ant1_5550



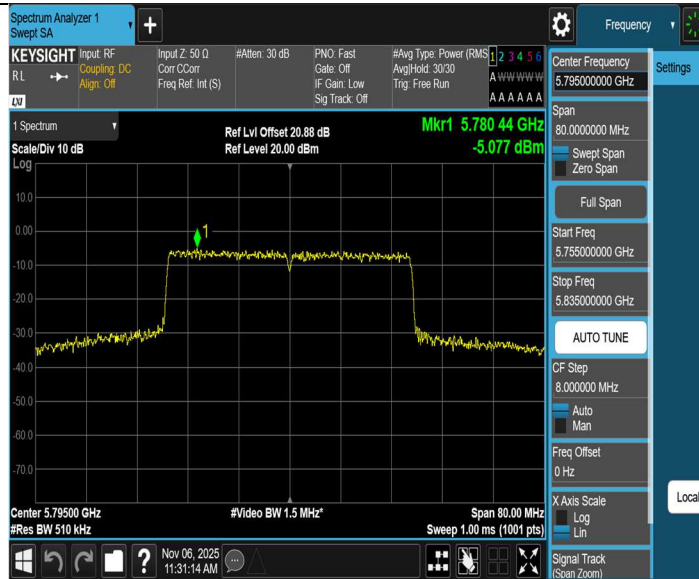
11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix A.6: Test Results of Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20SIS O	Ant1	5180	NV	NT	-45000.00	-8.687259	20	PASS
		5200	NV	NT	-51500.00	-9.903846	20	PASS
		5240	NV	NT	-52000.00	-9.923664	20	PASS
		5260	NV	NT	-52000.00	-9.885932	20	PASS
		5280	NV	NT	-51500.00	-9.753788	20	PASS
		5320	NV	NT	-52000.00	-9.774436	20	PASS
		5500	NV	NT	-54500.00	-9.909091	20	PASS
		5580	NV	NT	-55000.00	-9.856631	20	PASS
		5700	NV	NT	-56500.00	-9.912281	20	PASS
		5745	NV	NT	-56500.00	-9.834639	20	PASS
		5785	NV	NT	-57000.00	-9.853068	20	PASS
		5825	NV	NT	-57500.00	-9.871245	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20SIS O	Ant1	5180	NV	0	-45500.00	-8.783784	20	PASS
			NV	40	-52000.00	-10.038610	20	PASS
		5200	NV	0	-51500.00	-9.903846	20	PASS
			NV	40	-51500.00	-9.903846	20	PASS
		5240	NV	0	-51500.00	-9.828244	20	PASS
			NV	40	-52000.00	-9.923664	20	PASS
		5260	NV	0	-51500.00	-9.790875	20	PASS
			NV	40	-52000.00	-9.885932	20	PASS
		5280	NV	0	-52000.00	-9.848485	20	PASS
			NV	40	-51500.00	-9.753788	20	PASS
		5320	NV	0	-52500.00	-9.868421	20	PASS
			NV	40	-52500.00	-9.868421	20	PASS
		5500	NV	0	-55000.00	-10.000000	20	PASS
			NV	40	-54000.00	-9.818182	20	PASS
		5580	NV	0	-55000.00	-9.856631	20	PASS
			NV	40	-55500.00	-9.946237	20	PASS
		5700	NV	0	-56000.00	-9.824561	20	PASS
			NV	40	-57000.00	-10.000000	20	PASS
		5745	NV	0	-56500.00	-9.834639	20	PASS
			NV	40	-56500.00	-9.834639	20	PASS
		5785	NV	0	-56500.00	-9.766638	20	PASS
			NV	40	-57000.00	-9.853068	20	PASS
		5825	NV	0	-57500.00	-9.871245	20	PASS
			NV	40	-57500.00	-9.871245	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

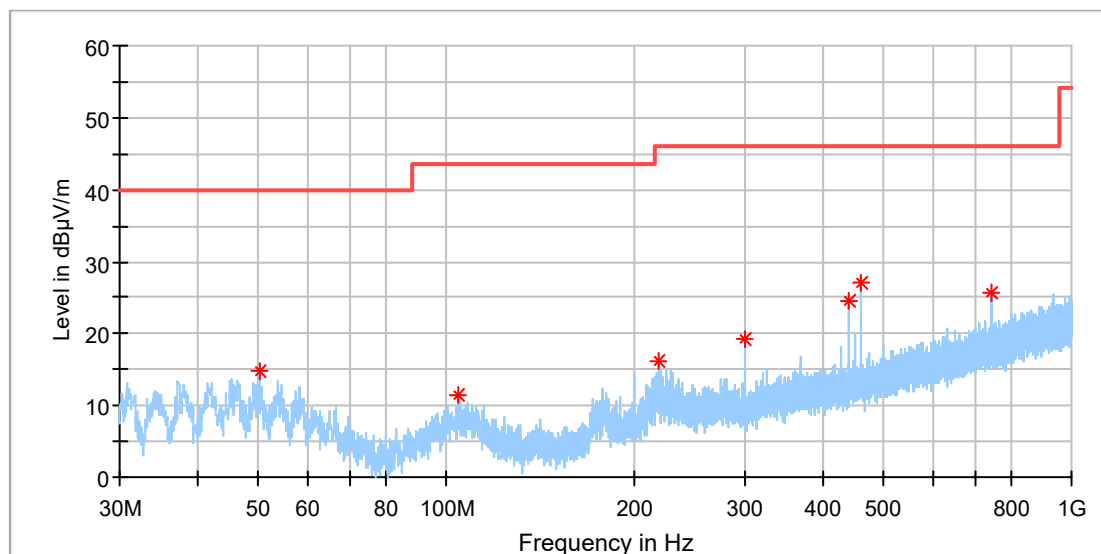
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

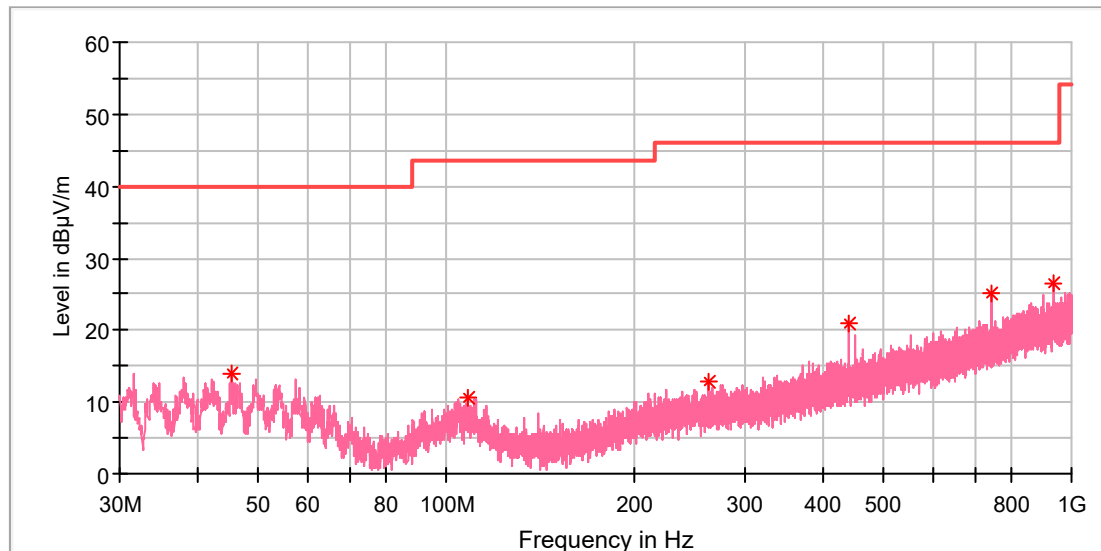
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.146154	14.78	40.00	25.22	100.0	H	46.0	-18.4
104.652692	11.58	43.50	31.92	100.0	H	292.0	-18.9
219.299231	16.30	46.00	29.70	100.0	H	100.0	-18.7
299.995769	19.20	46.00	26.80	100.0	H	116.0	-16.3
440.011539	24.66	46.00	21.34	100.0	H	148.0	-13.0
460.008462	27.11	46.00	18.89	100.0	H	185.0	-12.6
742.502308	25.59	46.00	20.41	100.0	H	116.0	-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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
45.445385	13.83	40.00	26.17	100.0	V	0.0	-18.9
108.607308	10.58	43.50	32.92	100.0	V	199.0	-19.1
261.941923	12.94	46.00	33.06	100.0	V	95.0	-17.1
440.011539	21.05	46.00	24.95	100.0	V	331.0	-13.0
742.502308	25.02	46.00	20.98	100.0	V	276.0	-7.2
936.987308	26.43	46.00	19.57	100.0	V	285.0	-4.4

Final Result

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

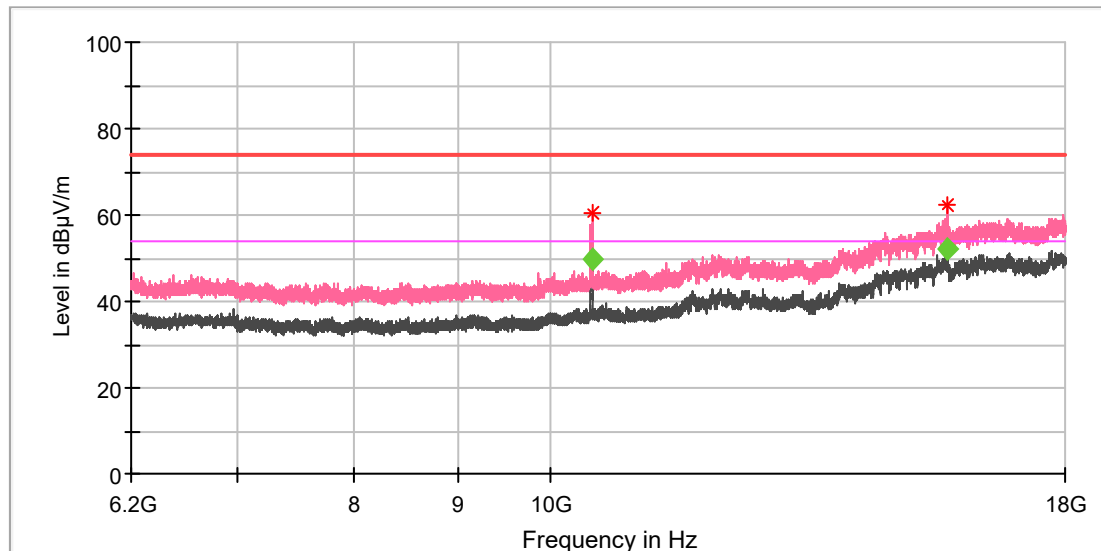
Critical_Freqs

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

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
10480.941667	60.42	---	74.00	13.58	150.0	V	102.0	12.0
15714.241667	62.38	---	74.00	11.62	150.0	V	15.0	20.5

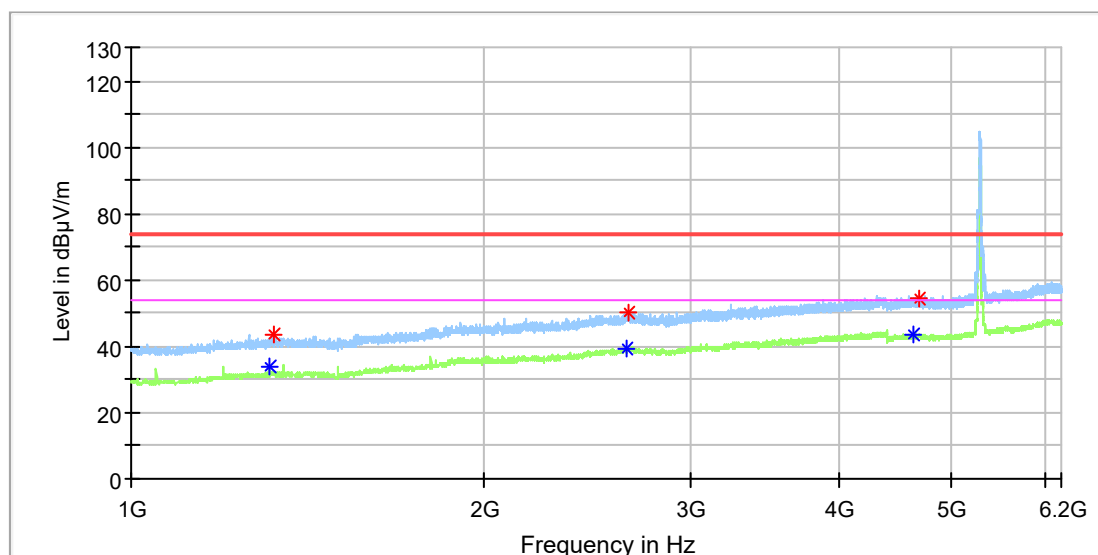
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10481.245000	---	49.64	54.00	4.36	150.0	V	102.0	12.0
15713.705000	---	51.91	54.00	2.09	150.0	V	356.0	20.5

U-NII-2A Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
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)
1312.000000	---	33.92	54.00	20.08	150.0	H	289.0	2.8
1319.500000	43.33	---	74.00	30.67	150.0	H	194.0	2.9
2637.500000	---	39.46	54.00	14.54	150.0	H	263.0	10.0
2652.000000	50.24	---	74.00	23.76	150.0	H	213.0	10.2
4639.500000	---	43.83	54.00	10.17	150.0	H	6.0	13.5
4687.500000	54.70	---	74.00	19.30	150.0	H	91.0	13.5

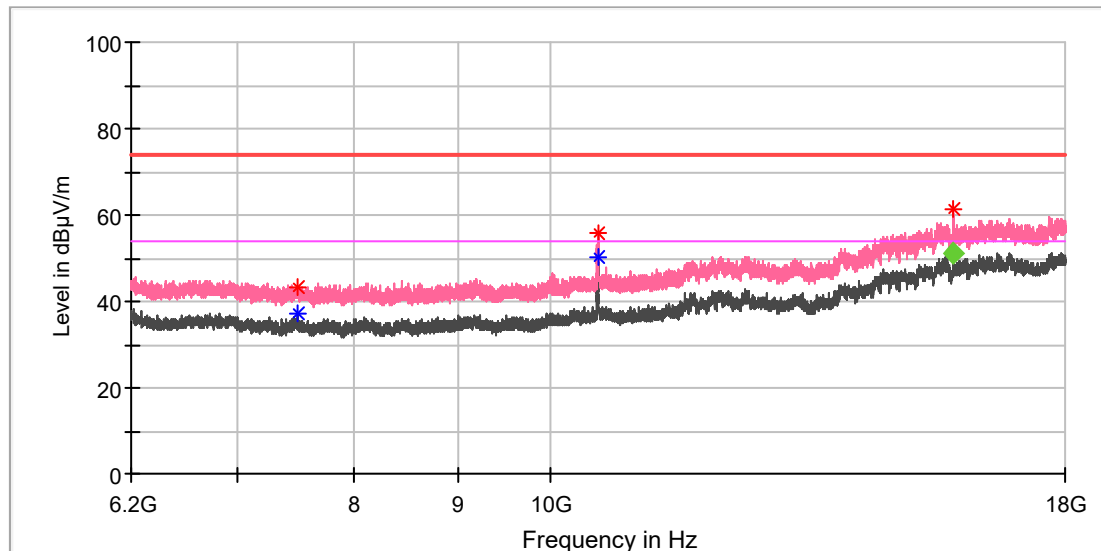
Final Result

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

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch56
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
7489.150000	---	37.09	54.00	16.91	150.0	V	212.0	8.7
7491.116667	43.36	---	74.00	30.64	150.0	V	107.0	8.7
10558.625000	---	50.33	54.00	3.67	150.0	V	35.0	12.0
10558.625000	55.78	---	74.00	18.22	150.0	V	35.0	12.0
15843.058333	61.18	---	74.00	12.82	150.0	V	0.0	20.6

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
15842.459166	---	51.32	54.00	2.68	150.0	V	0.0	20.6

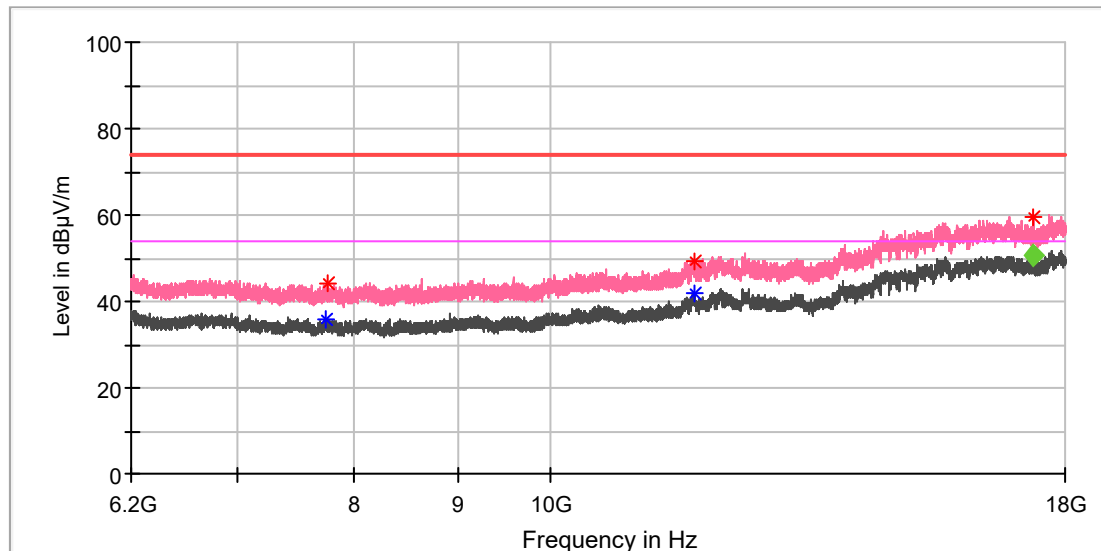
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

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

EUT Information

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch157
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
7747.766667	---	35.95	54.00	18.05	150.0	V	219.0	8.8
7766.450000	44.19	---	74.00	29.81	150.0	V	123.0	8.8
11777.958333	---	41.77	54.00	12.23	150.0	V	123.0	15.1
11784.841667	49.39	---	74.00	24.61	150.0	V	123.0	15.0
17364.766667	59.72	---	74.00	14.28	150.0	V	28.0	21.2

Final Result

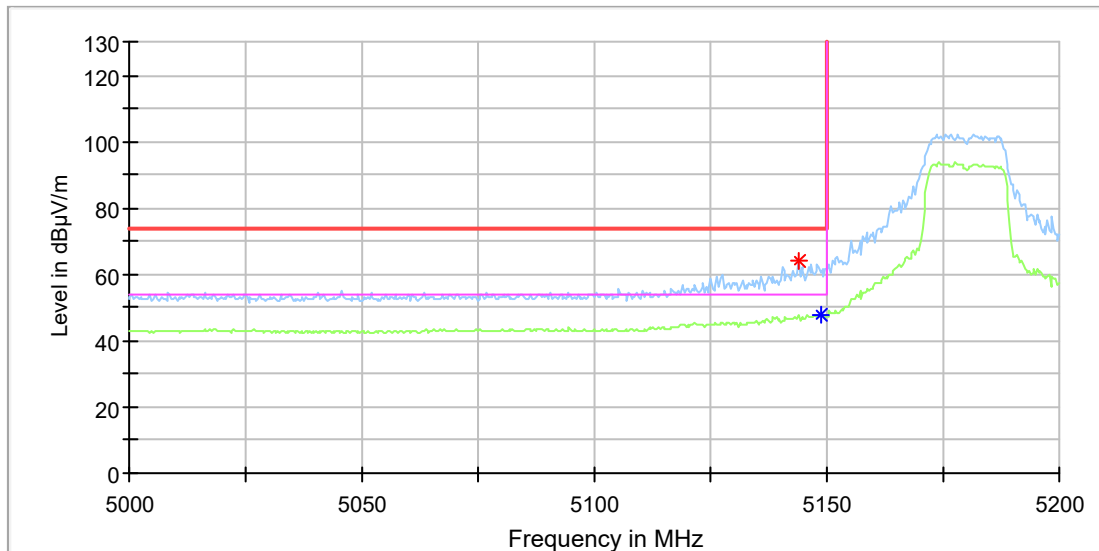
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
17360.456250	---	50.59	54.00	3.41	150.0	V	52.0	21.2

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

U-NII-1 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

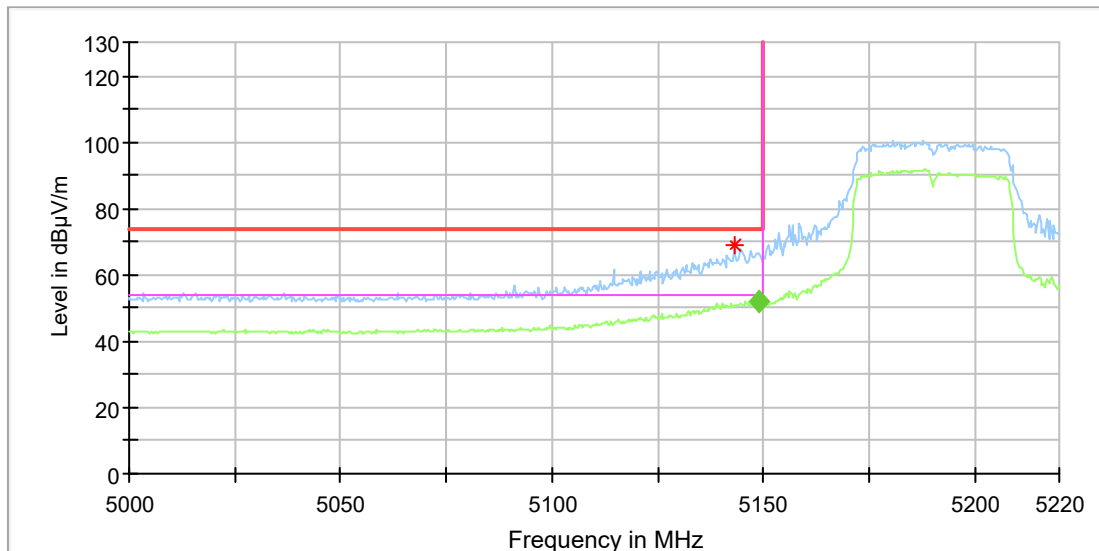
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
5144.055556	64.19	---	74.00	9.81	150.0	H	54.0	13.9
5148.644445	---	48.05	54.00	5.95	150.0	H	58.0	13.9

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch38
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

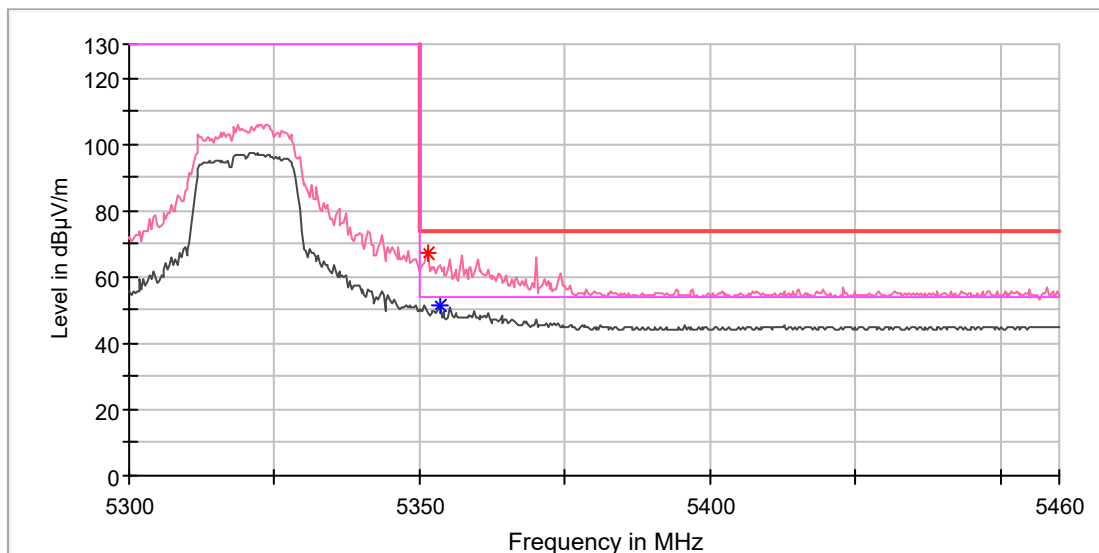
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5143.072222	68.76	---	74.00	5.24	150.0	H	104.0	13.9

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.863888	---	51.82	54.00	2.18	150.0	H	104.0	13.9

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

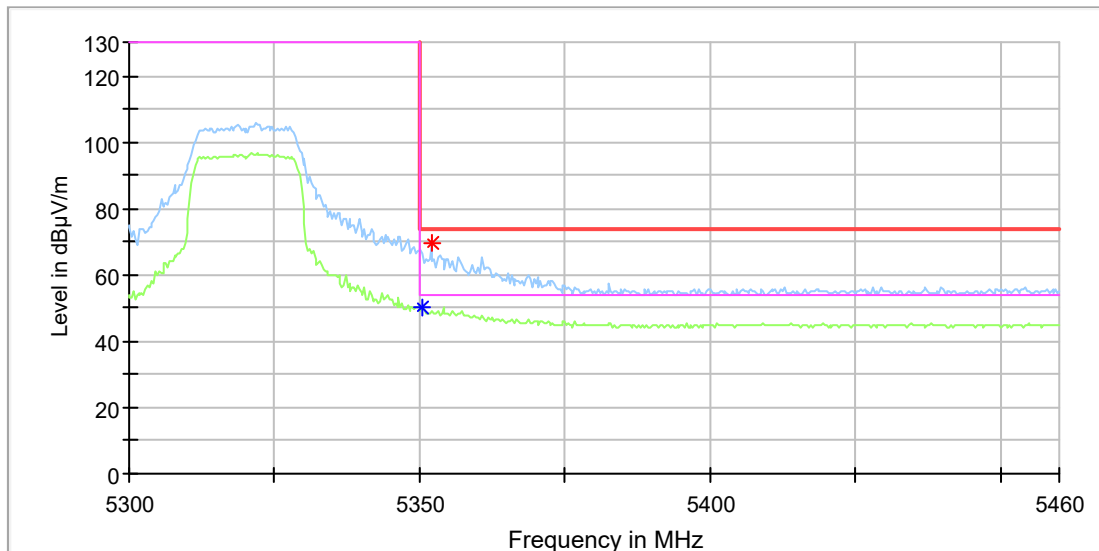
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.350000	66.88	---	74.00	7.12	150.0	V	71.0	14.8
5353.411111	---	51.23	54.00	2.77	150.0	V	50.0	14.8

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11ac20_Ch64
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

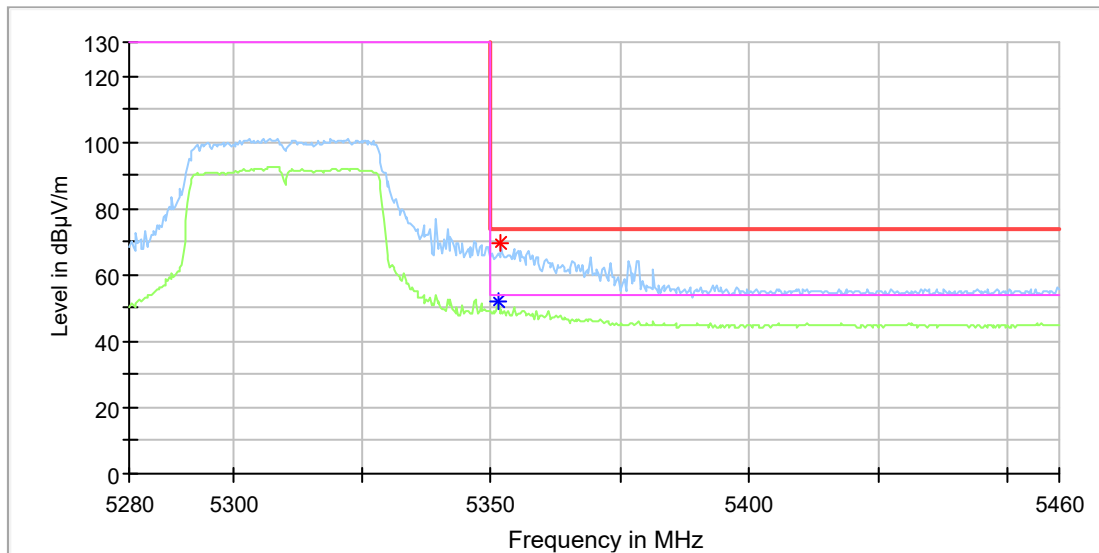
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.466667	---	50.14	54.00	3.86	150.0	H	73.0	14.8
5351.938889	69.54	---	74.00	4.46	150.0	H	87.0	14.8

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
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)
5351.350000	---	51.72	54.00	2.28	150.0	H	123.0	14.8
5351.938889	69.58	---	74.00	4.42	150.0	H	94.0	14.8

Final Result

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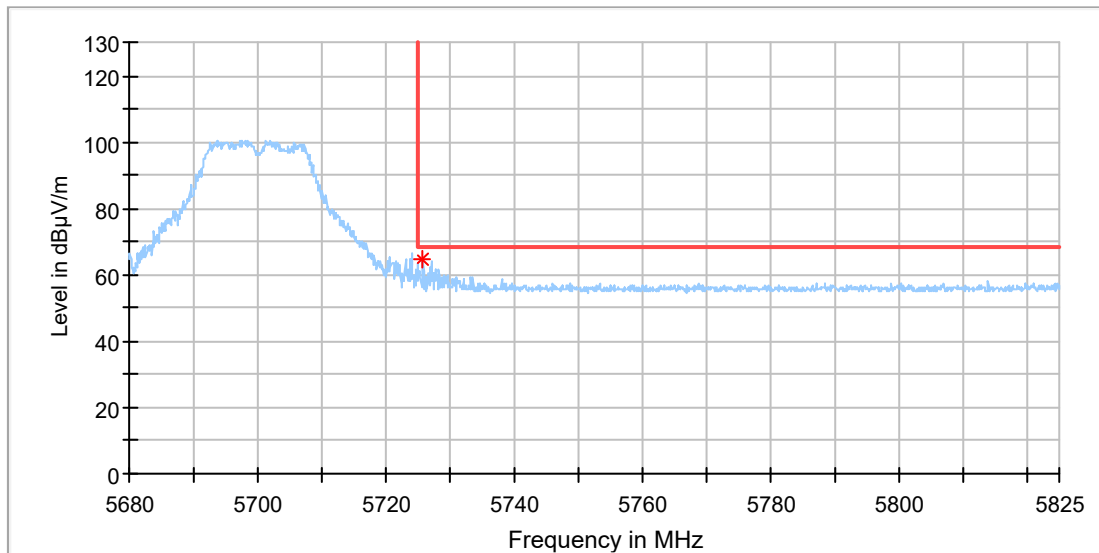
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

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

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

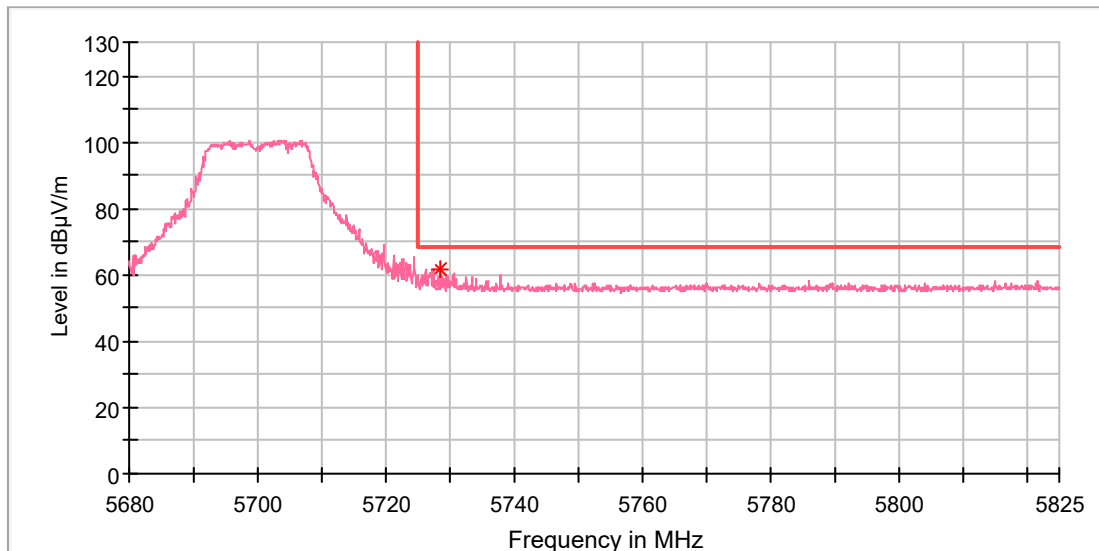
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.716667	64.67	68.20	3.53	150.0	H	50.0	15.4

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

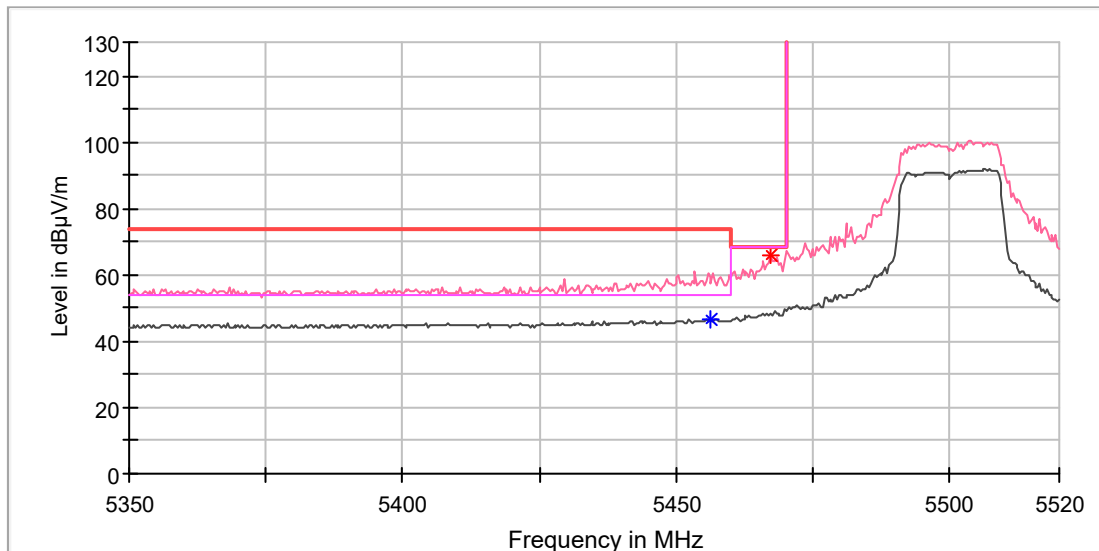
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5728.400000	61.80	68.20	6.40	150.0	V	0.0	15.4

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:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11ac20_Ch100
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

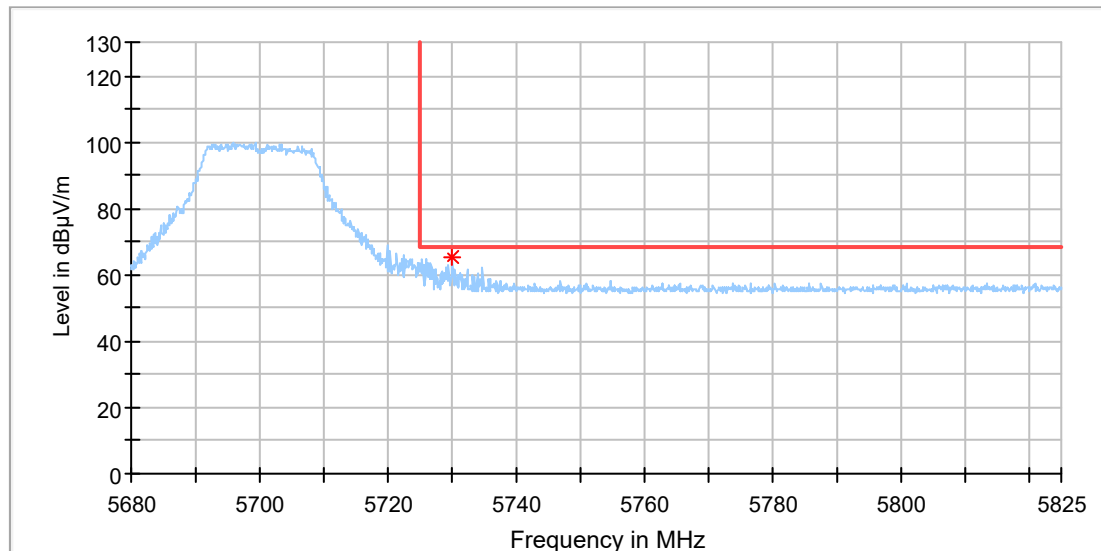
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5456.100000	---	46.71	54.00	7.29	150.0	V	65.0	15.1
5467.244445	65.85	---	68.20	2.35	150.0	V	54.0	15.1

Final Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch140
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

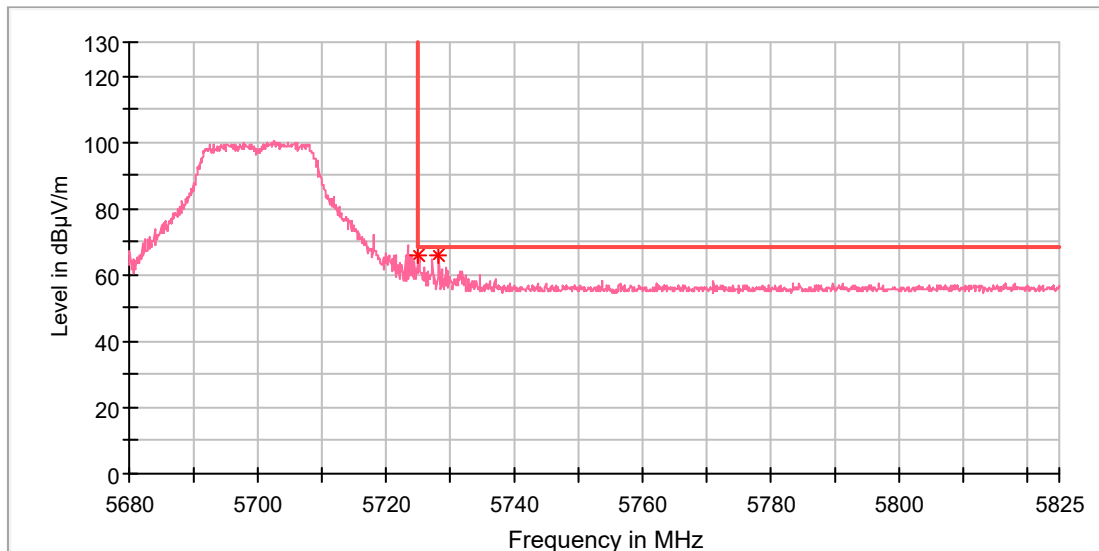
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5730.125000	65.50	68.20	2.70	150.0	H	91.0	15.4

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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch140
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

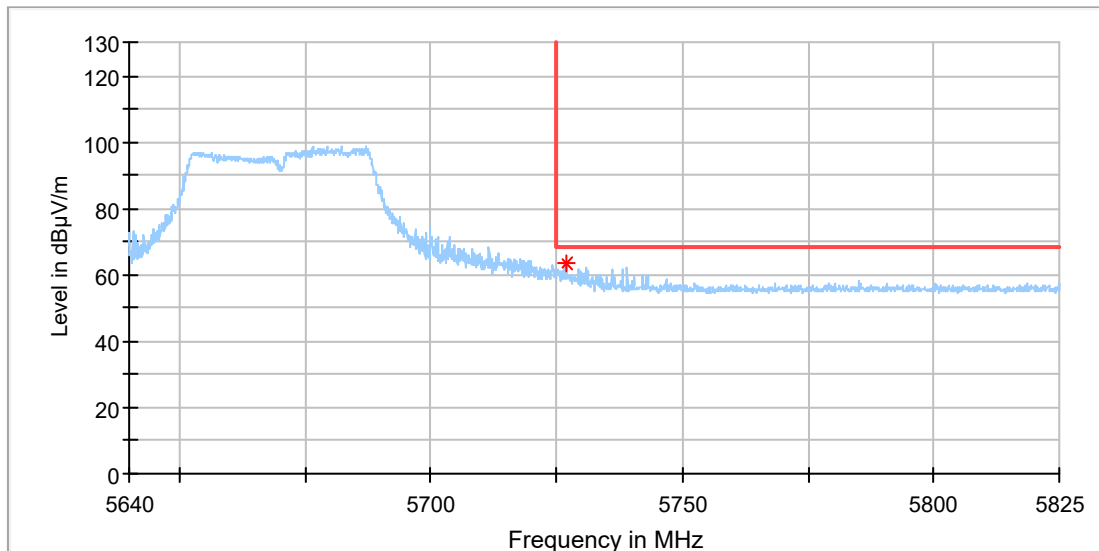
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.045833	65.93	68.20	2.27	150.0	V	11.0	15.4
5728.208333	65.77	68.20	2.43	150.0	V	26.0	15.4

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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch134
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

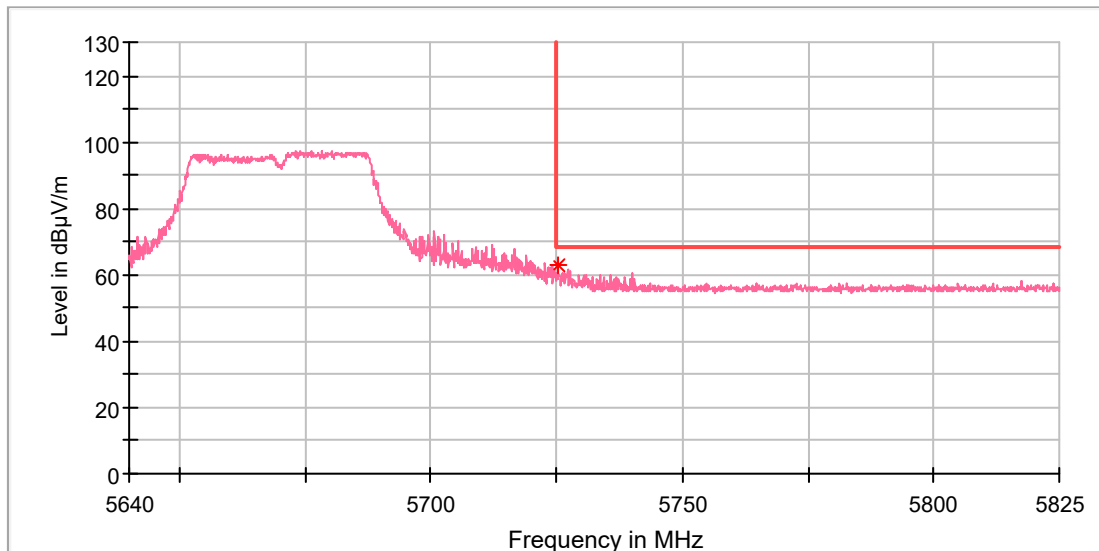
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.962500	63.31	68.20	4.89	150.0	H	132.0	15.4

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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch134
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
5725.333333	62.63	68.20	5.57	150.0	V	83.0	15.4

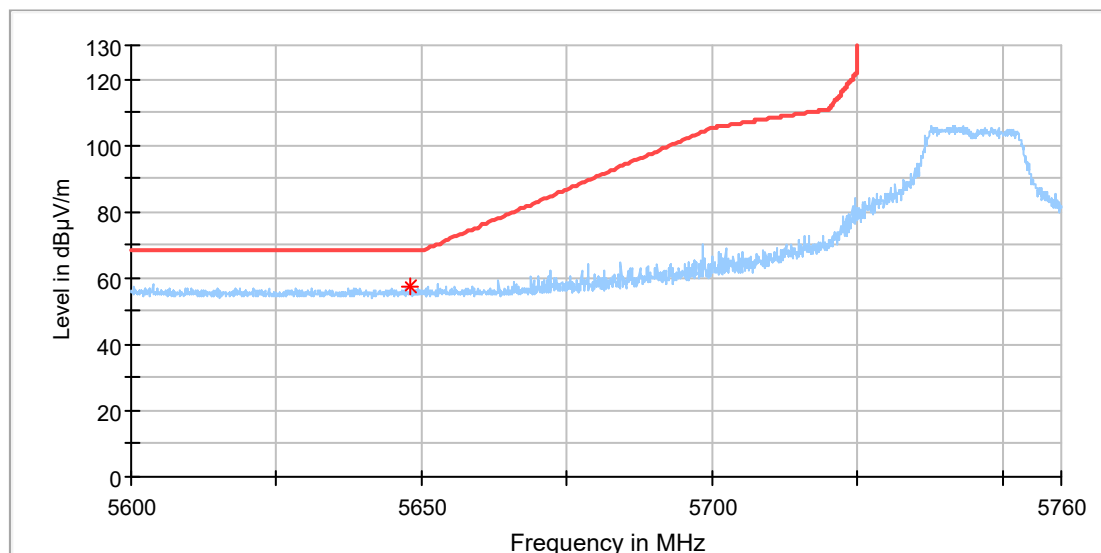
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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U-NII-3 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168580092/A004126573-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

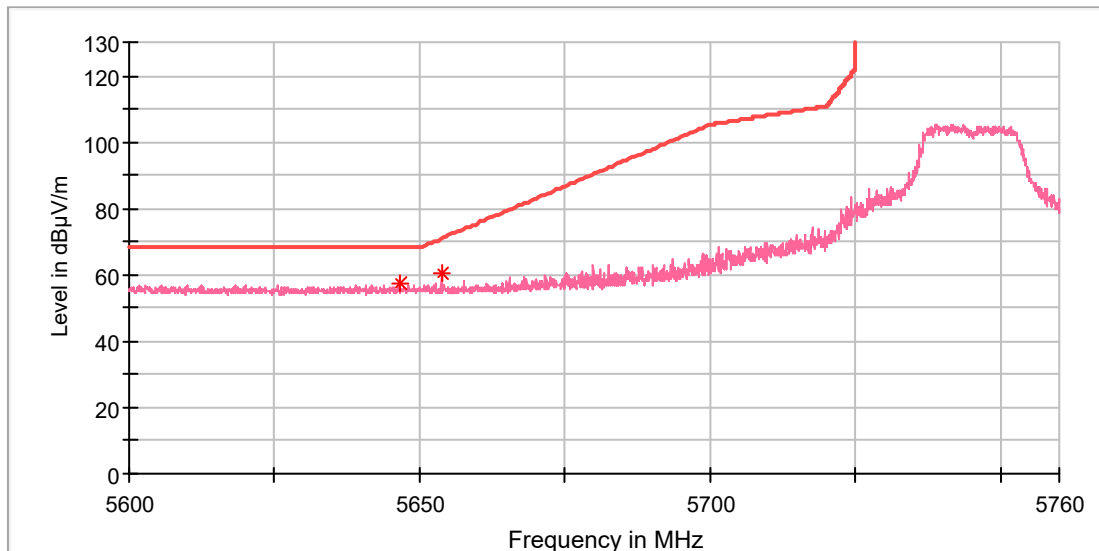
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.094445	57.25	68.20	10.95	150.0	H	95.0	15.3

Final Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

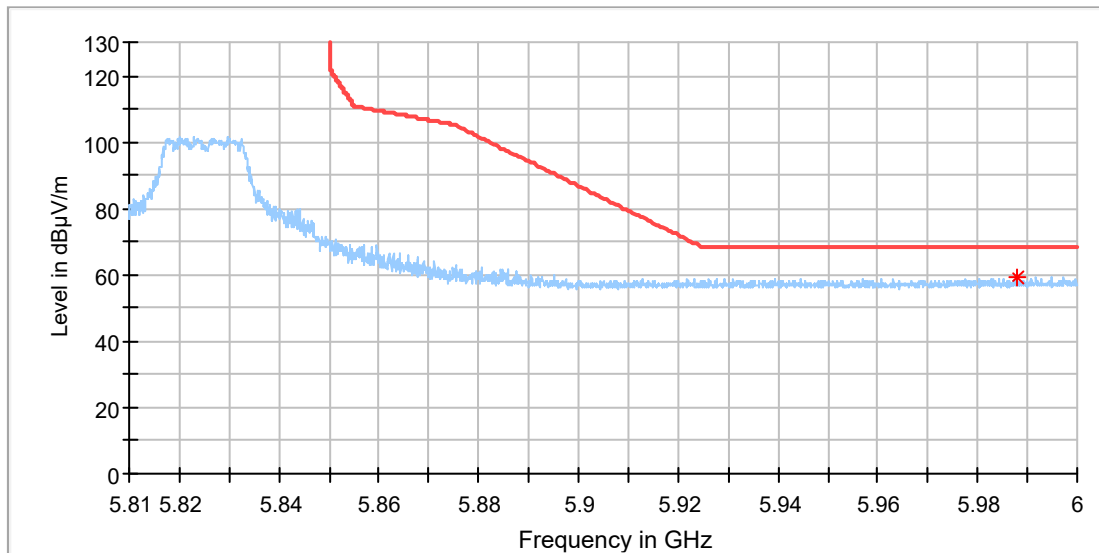
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5646.627778	57.60	68.20	10.60	150.0	V	28.0	15.3
5653.655556	60.73	70.91	10.18	150.0	V	6.0	15.3

Final Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

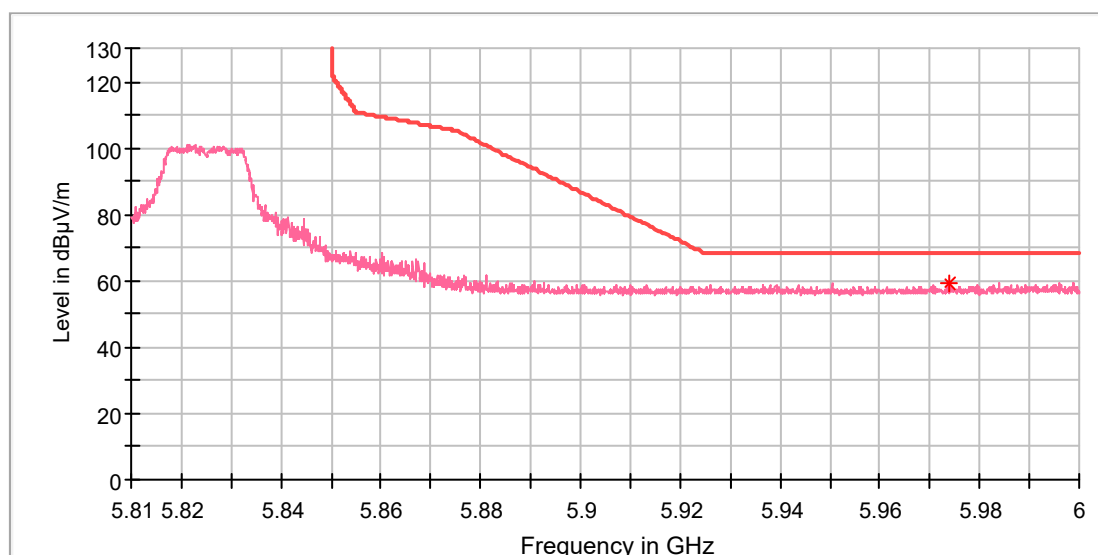
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5987.854167	59.09	68.20	9.11	150.0	H	131.0	16.5

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

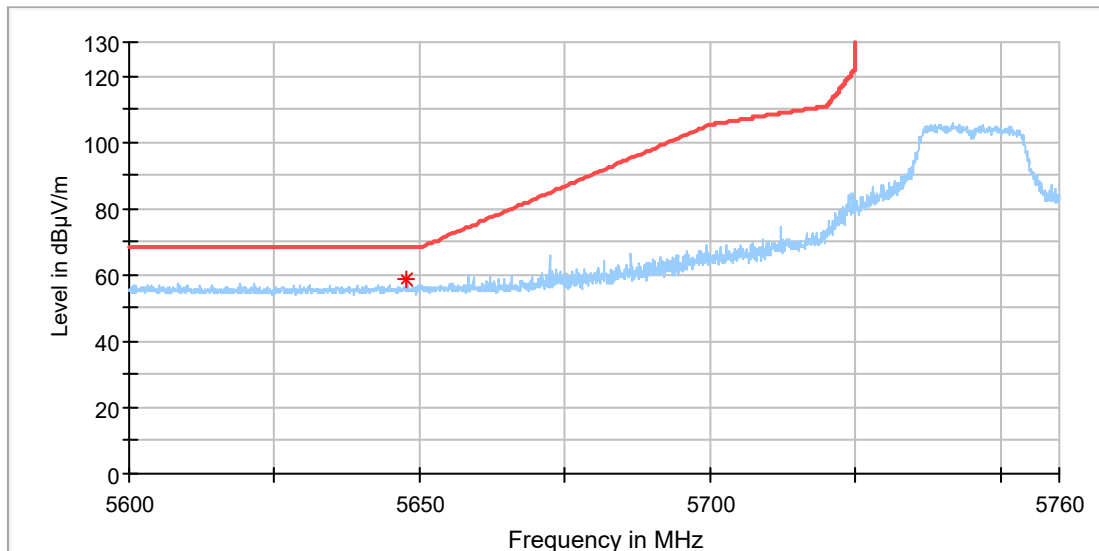
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5973.798611	59.15	68.20	9.05	150.0	V	8.0	16.4

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch149
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

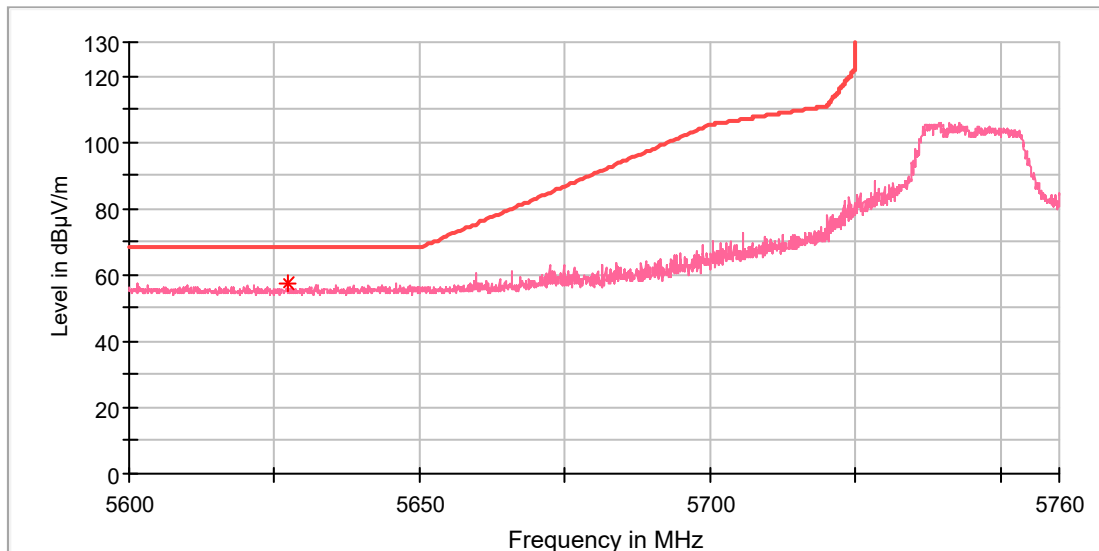
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.605556	58.89	68.20	9.31	150.0	H	101.0	15.3

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch149
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

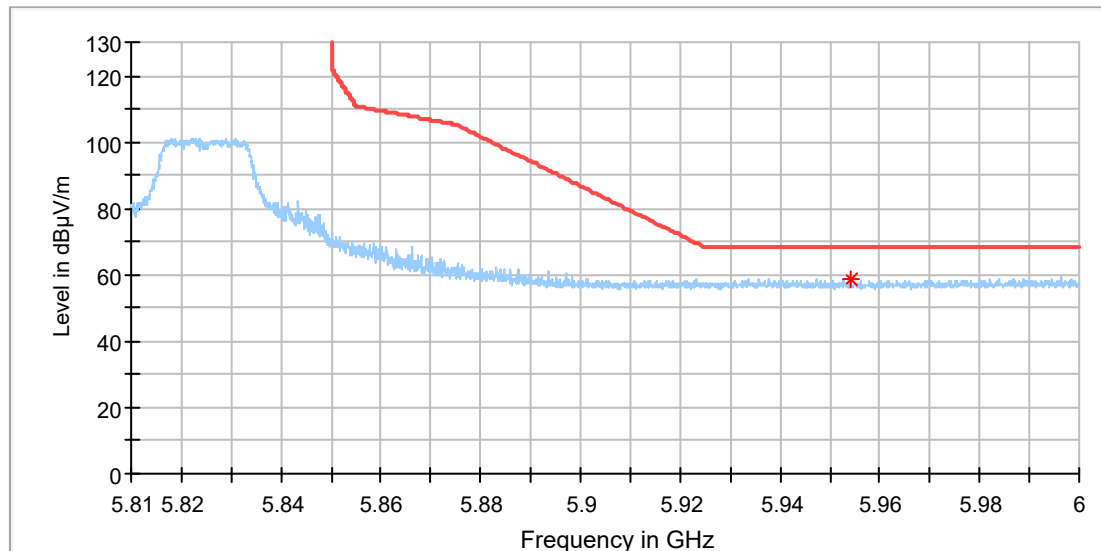
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5627.194445	57.16	68.20	11.04	150.0	V	9.0	15.3

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch165
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

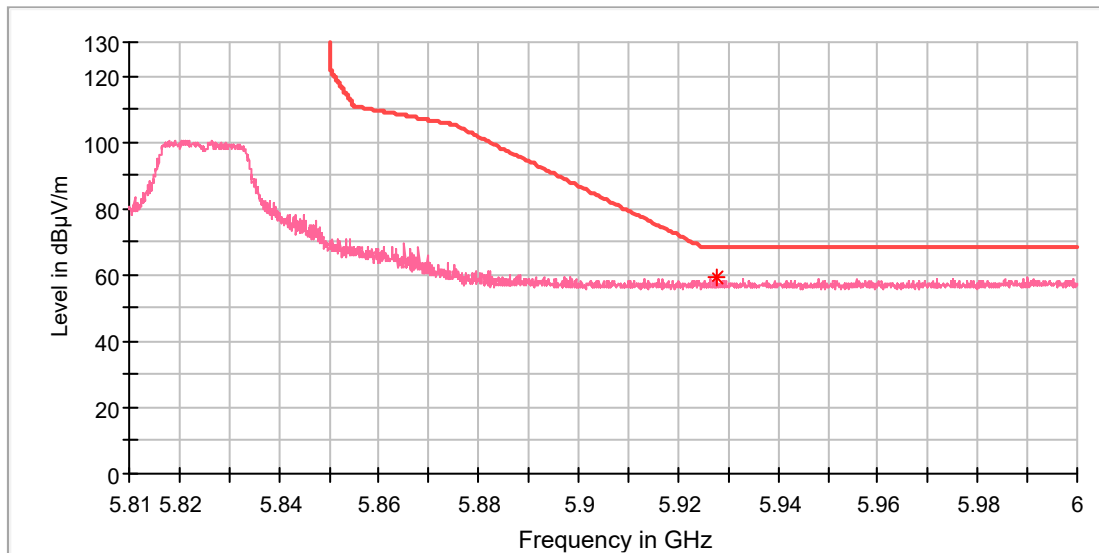
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5954.243056	58.66	68.20	9.54	150.0	H	288.0	16.3

Final Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11ac20_Ch165
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

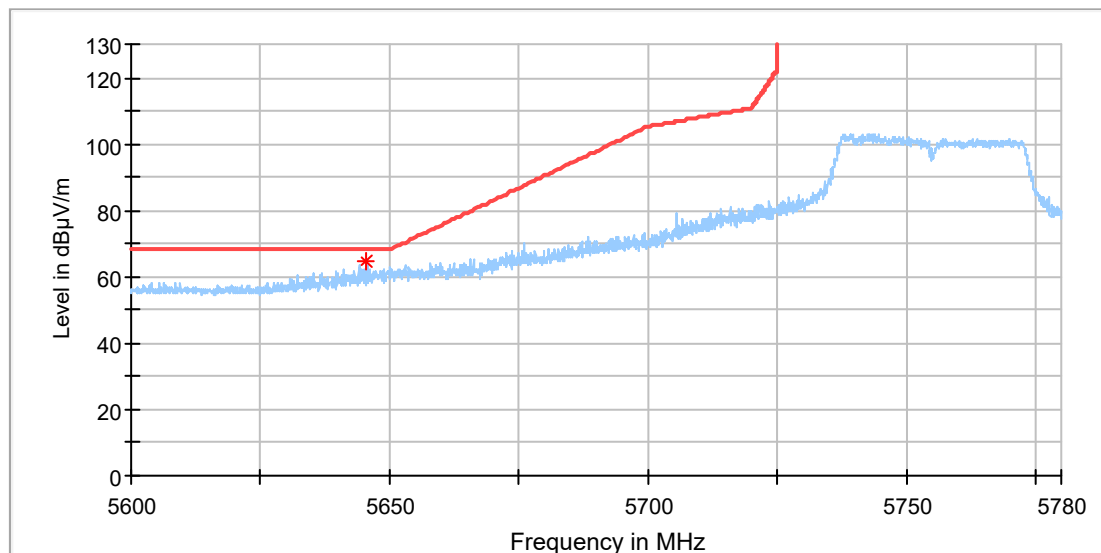
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5927.736111	59.03	68.20	9.17	150.0	V	141.0	16.2

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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

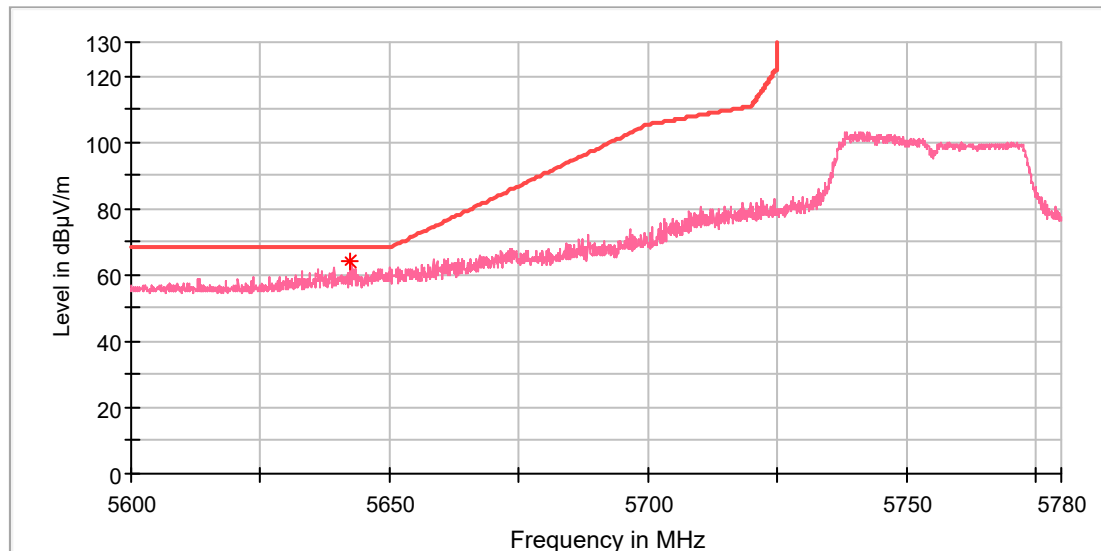
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5645.405556	64.89	68.20	3.31	150.0	H	98.0	15.3

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

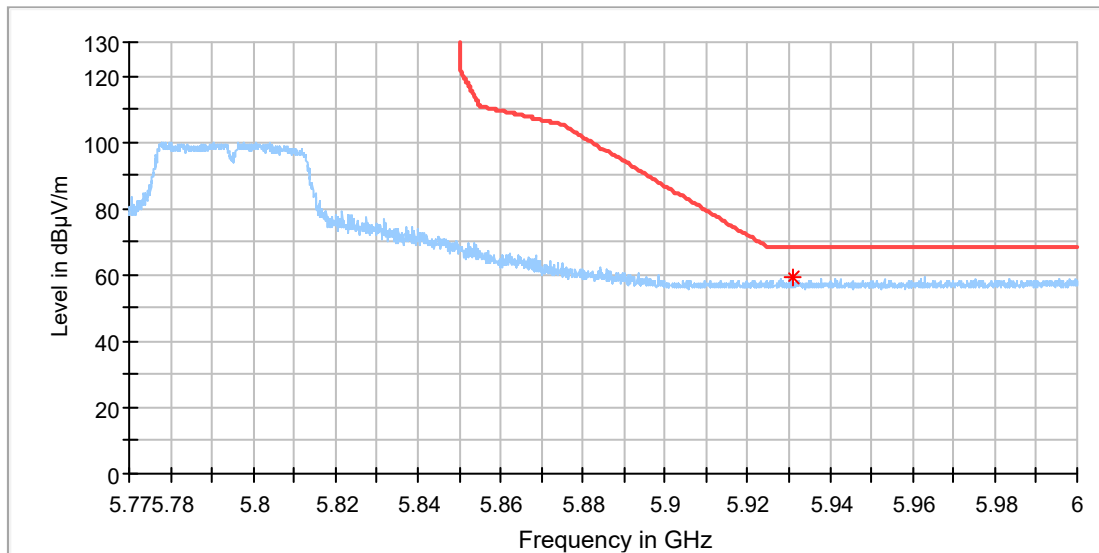
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.227778	64.17	68.20	4.03	150.0	V	38.0	15.3

Final_Result

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

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

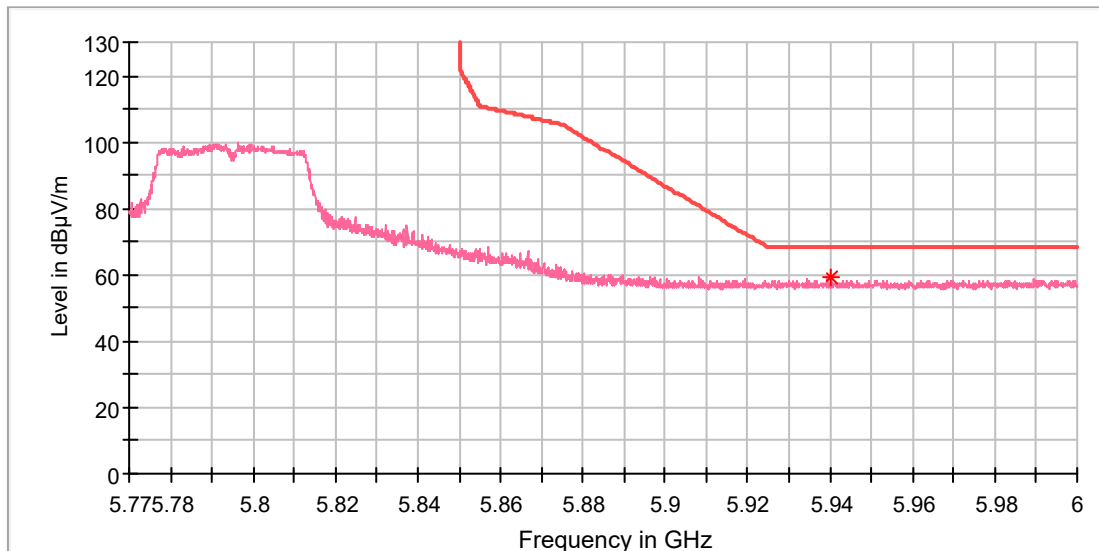
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5931.097222	58.99	68.20	9.21	150.0	H	355.0	16.2

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: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168580092/A004126573-001
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
5940.416667	59.31	68.20	8.89	150.0	V	85.0	16.2

Final_Result

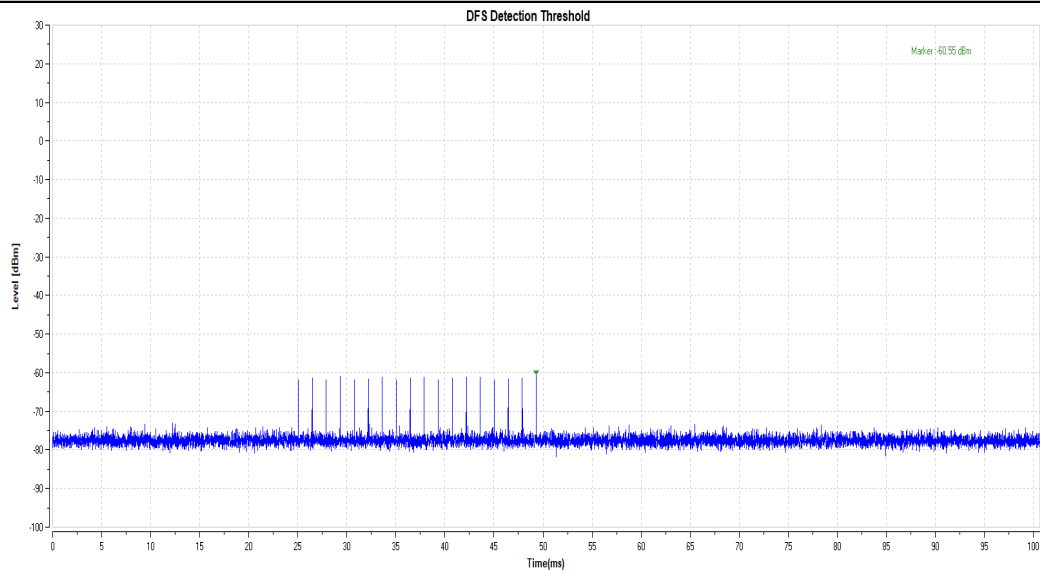
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

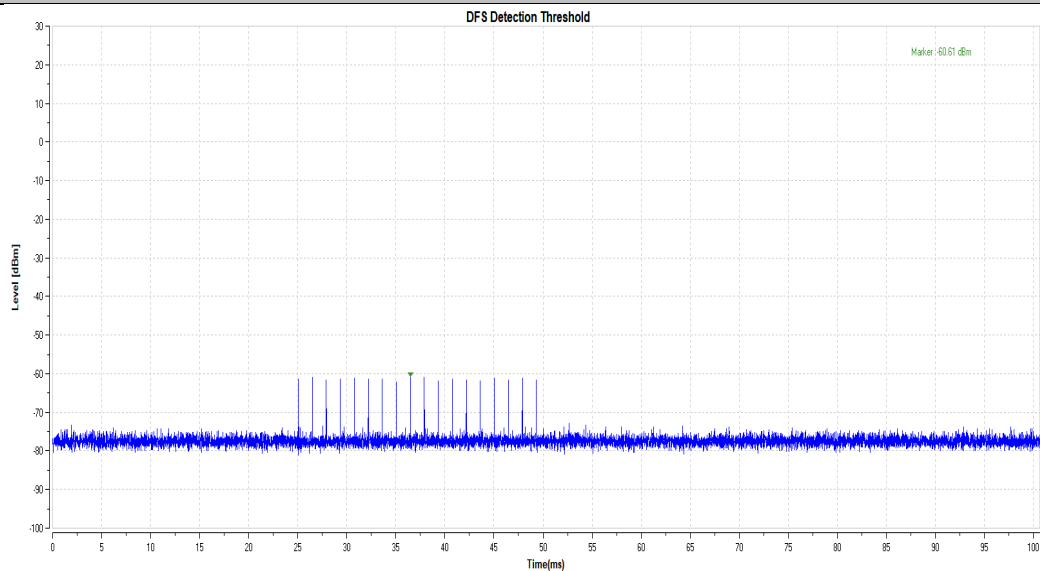
DFS Detection Thresholds

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-60.55	-60.21	PASS
11AC40SISO	5510	Type0	-60.61	-60.21	PASS

11A_5260_Type0



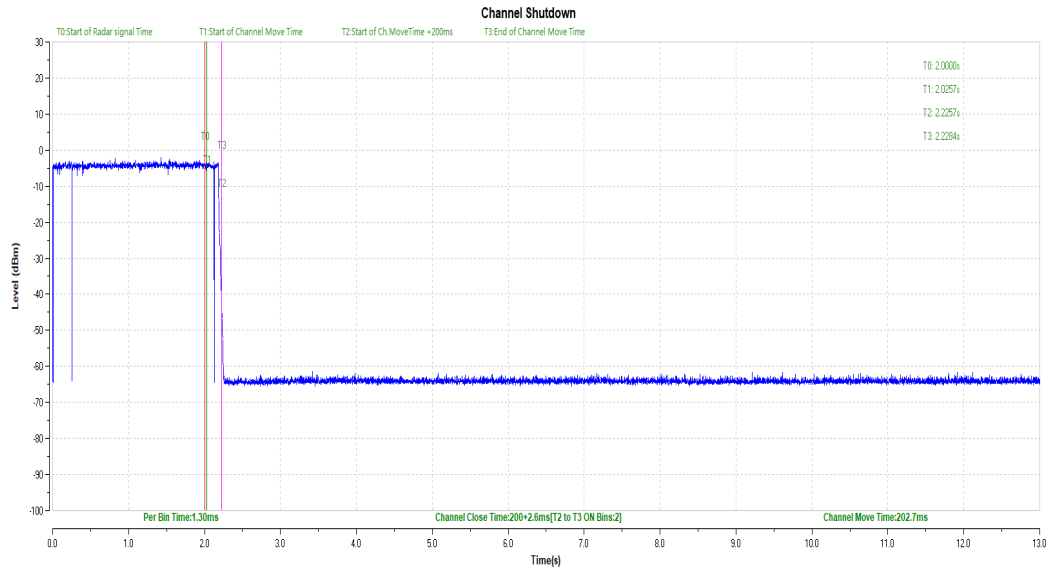
11AC40SISO_5510_Type0



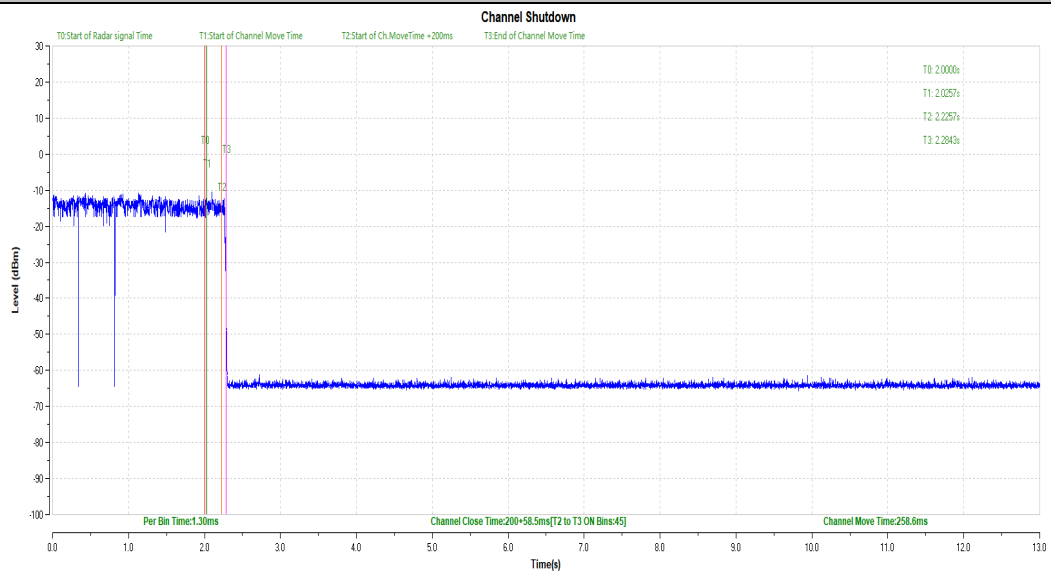
Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+2.6	200+60	202.7	10000	PASS
11AC40SISO	5510	200+58.5	200+60	258.6	10000	PASS

11A_5260



11AC40SISO_5510

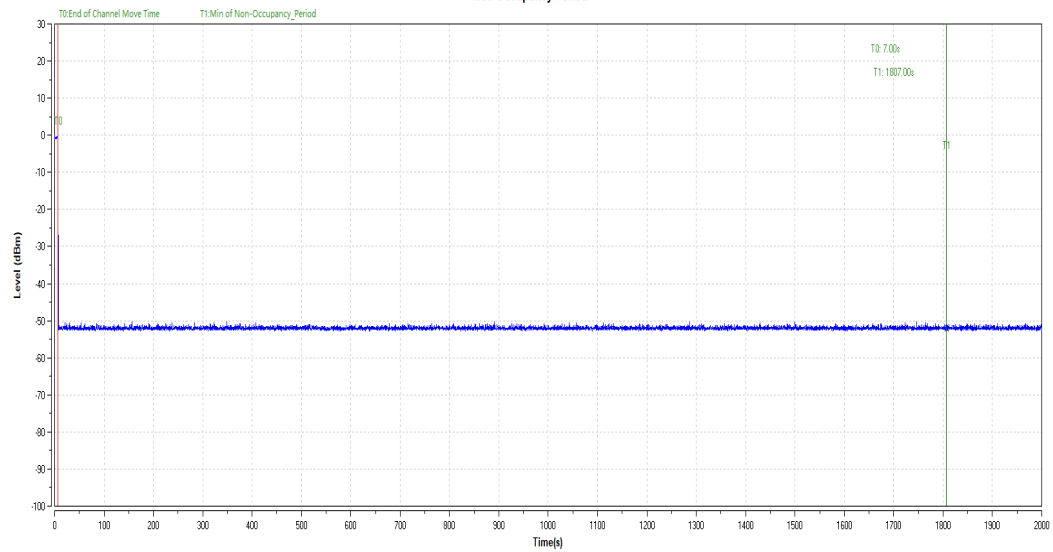


Non-Occupancy Period

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11A	5260	see test graph	≥1800	PASS
11AC40SISO	5510	see test graph	≥1800	PASS

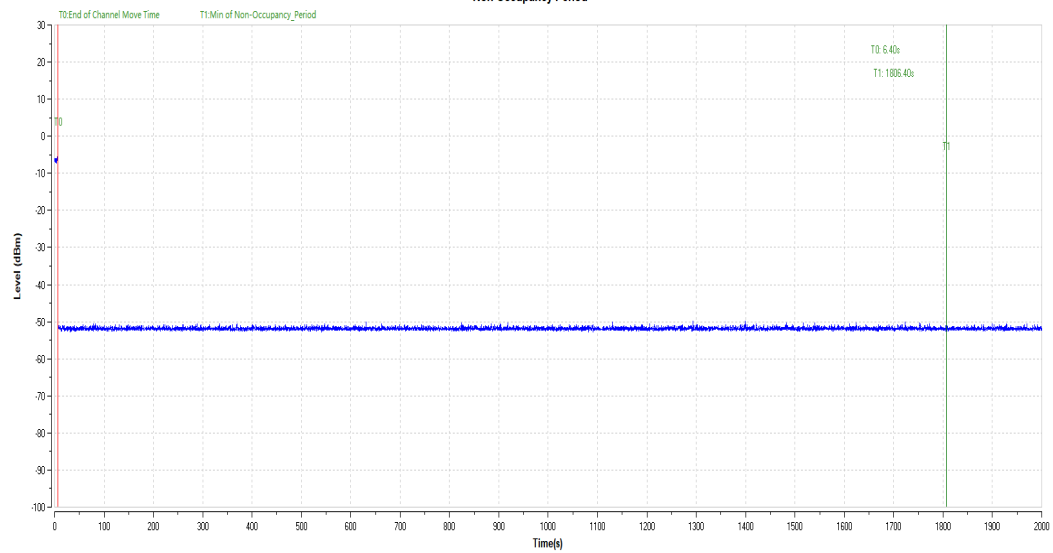
11A_5260

Non-Occupancy Period



11AC40SISO_5510

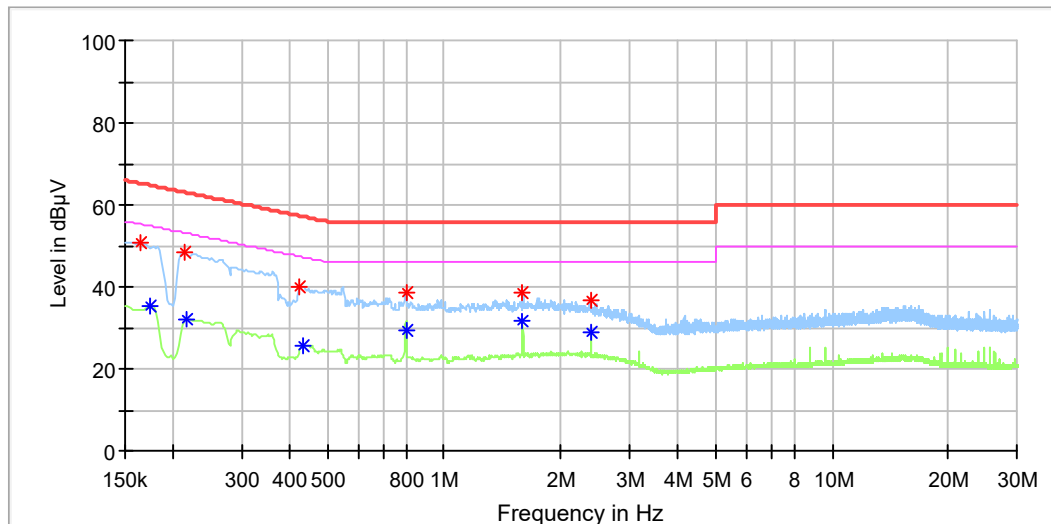
Non-Occupancy Period



[illegible]

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Order Number:	P02094262
Model:	RRE0VES
Test Mode:	Charging + working
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC PART 15
Test By:/Review By:	Simon Feng / Murphy Chen
Tem./Hum./Pressure:	24.0°C/52.1%/101kPa
Remark:	SR 3



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.165	50.5	---	65.21	14.70	N	9.8
0.175	---	35.3	54.73	19.38	N	9.8
0.215	48.2	---	63.02	14.82	N	9.9
0.217	---	32.3	52.93	20.68	N	9.9
0.424	40.2	---	57.38	17.22	N	9.9
0.431	---	25.8	47.23	21.47	N	9.9
0.797	38.7	---	56.00	17.31	N	9.8
0.799	---	29.3	46.00	16.75	N	9.8
1.593	---	31.6	46.00	14.37	N	9.9
1.593	38.7	---	56.00	17.26	N	9.9
2.391	---	28.9	46.00	17.09	N	9.9
2.391	36.9	---	56.00	19.12	N	9.9

Final_Result

[illegible]