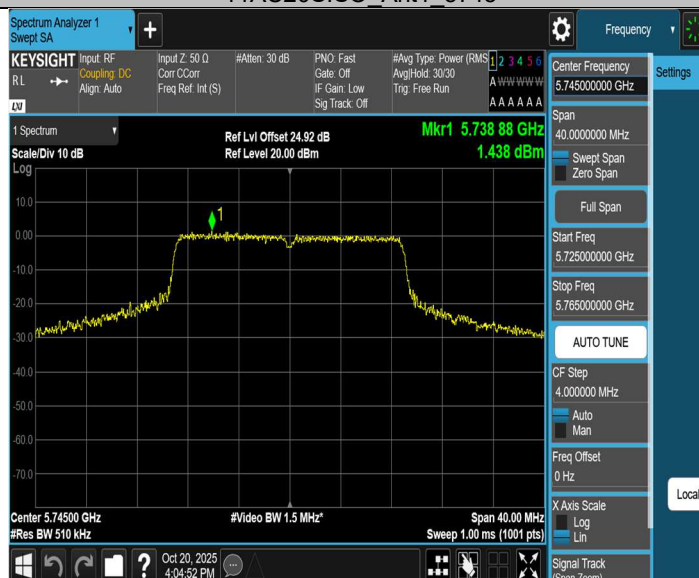




11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



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



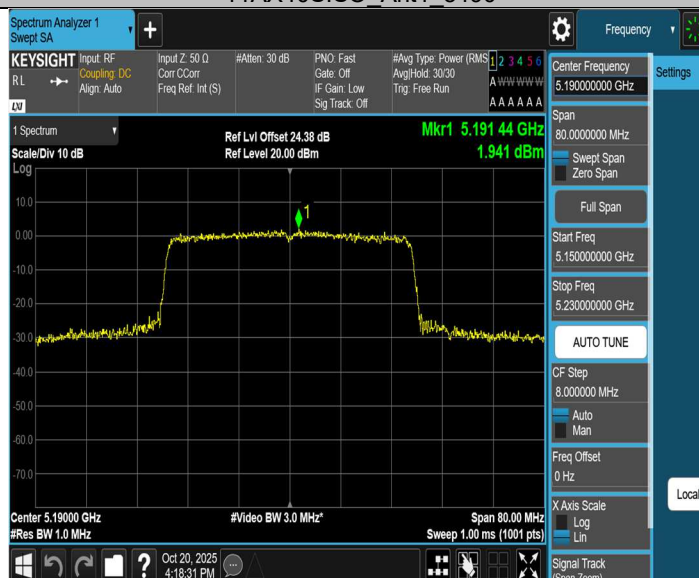
11AX20SISO_Ant1_5320







11AX40SISO_Ant1_5190

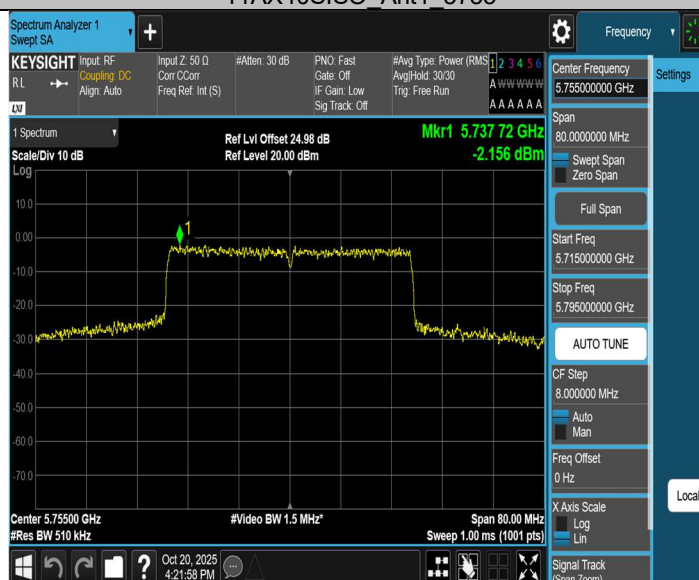
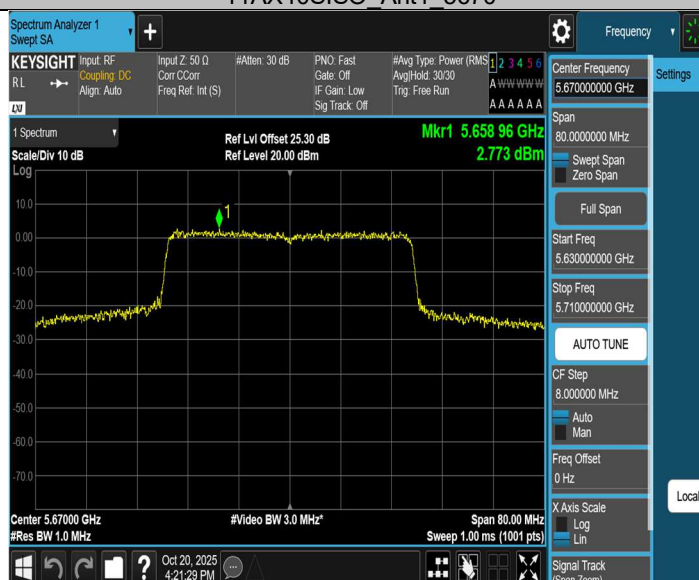


11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5270







Appendix A.6: Test Results of Frequency Stability

Test Result

TestMode	Antenna	Channel	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11AX20SIS O	Ant1	5180	NV	NT	-19000.00	-3.667954	20	PASS
		5200	NV	NT	-19000.00	-3.653846	20	PASS
		5240	NV	NT	-19500.00	-3.721374	20	PASS
		5260	NV	NT	-20000.00	-3.802281	20	PASS
		5280	NV	NT	-20000.00	-3.787879	20	PASS
		5320	NV	NT	-20500.00	-3.853383	20	PASS
		5500	NV	NT	-20500.00	-3.727273	20	PASS
		5580	NV	NT	-14000.00	-2.508961	20	PASS
		5700	NV	NT	-14500.00	-2.543860	20	PASS
		5745	NV	NT	-15000.00	-2.610966	20	PASS
		5785	NV	NT	-14500.00	-2.506482	20	PASS
		5825	NV	NT	-15000.00	-2.575107	20	PASS

TestMode	Antenna	Channel	Temperature					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11AX20SIS O	Ant1	5180	NV	0	-19500.00	-3.764479	20	PASS
			NV	40	-19000.00	-3.667954	20	PASS
		5200	NV	0	-19500.00	-3.750000	20	PASS
			NV	40	-19500.00	-3.750000	20	PASS
		5240	NV	0	-19500.00	-3.721374	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
		5260	NV	0	-19500.00	-3.707224	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
		5280	NV	0	-20000.00	-3.787879	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
		5320	NV	0	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
		5500	NV	0	-14500.00	-2.636364	20	PASS
			NV	40	-14000.00	-2.545455	20	PASS
		5580	NV	0	-14000.00	-2.508961	20	PASS
			NV	40	-14000.00	-2.508961	20	PASS
		5700	NV	0	-14500.00	-2.543860	20	PASS
			NV	40	-14500.00	-2.543860	20	PASS
		5745	NV	0	-15000.00	-2.610966	20	PASS
			NV	40	-15000.00	-2.610966	20	PASS
		5785	NV	0	-15500.00	-2.679343	20	PASS
			NV	40	-15000.00	-2.592913	20	PASS
		5825	NV	0	-15500.00	-2.660944	20	PASS
			NV	40	-15500.00	-2.660944	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

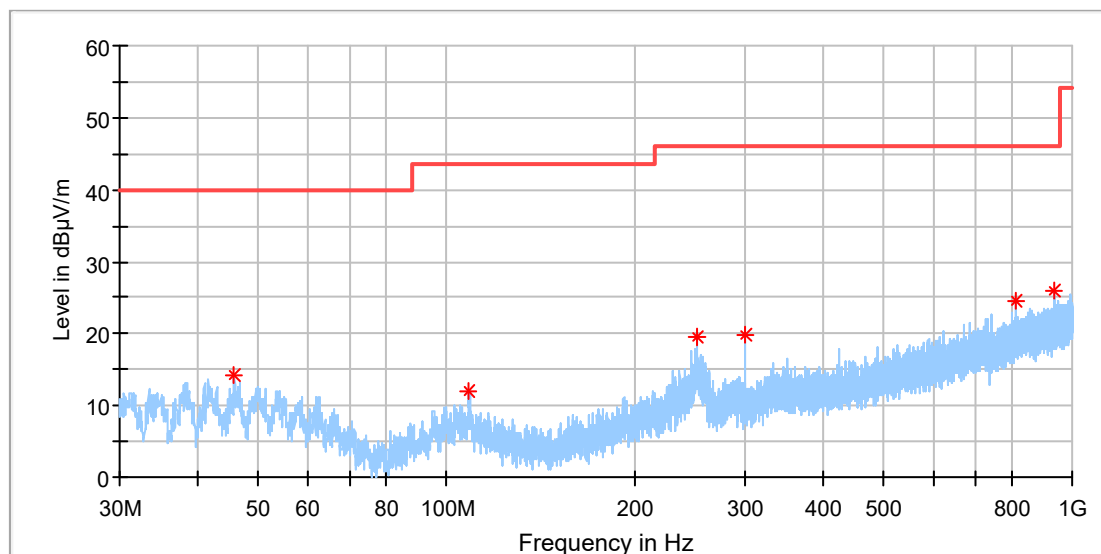
Note:

- 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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

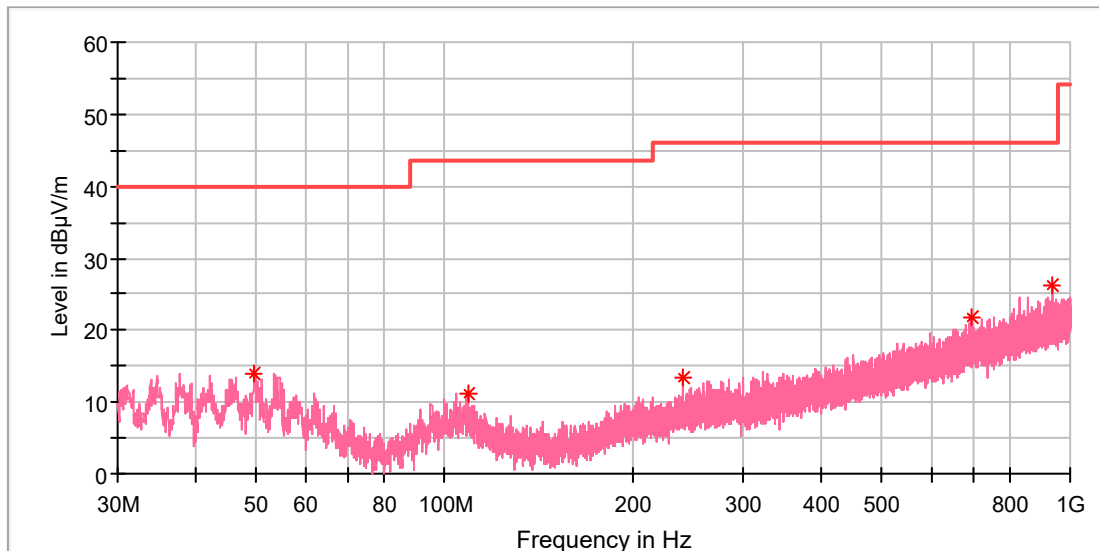
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.855769	14.31	40.00	25.69	100.0	H	218.0	-18.8
108.756539	11.98	43.50	31.52	100.0	H	312.0	-19.1
251.421154	19.46	46.00	26.54	100.0	H	218.0	-17.3
299.995769	19.88	46.00	26.12	100.0	H	33.0	-16.3
810.850000	24.49	46.00	21.51	100.0	H	218.0	-6.0
936.950000	26.02	46.00	19.98	100.0	H	218.0	-4.4

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
49.623846	14.08	40.00	25.92	100.0	V	231.0	-18.4
108.831154	11.20	43.50	32.30	100.0	V	308.0	-19.1
240.415385	13.32	46.00	32.68	100.0	V	265.0	-17.7
696.091539	21.83	46.00	24.17	100.0	V	33.0	-8.0
936.950000	26.18	46.00	19.82	100.0	V	70.0	-4.4

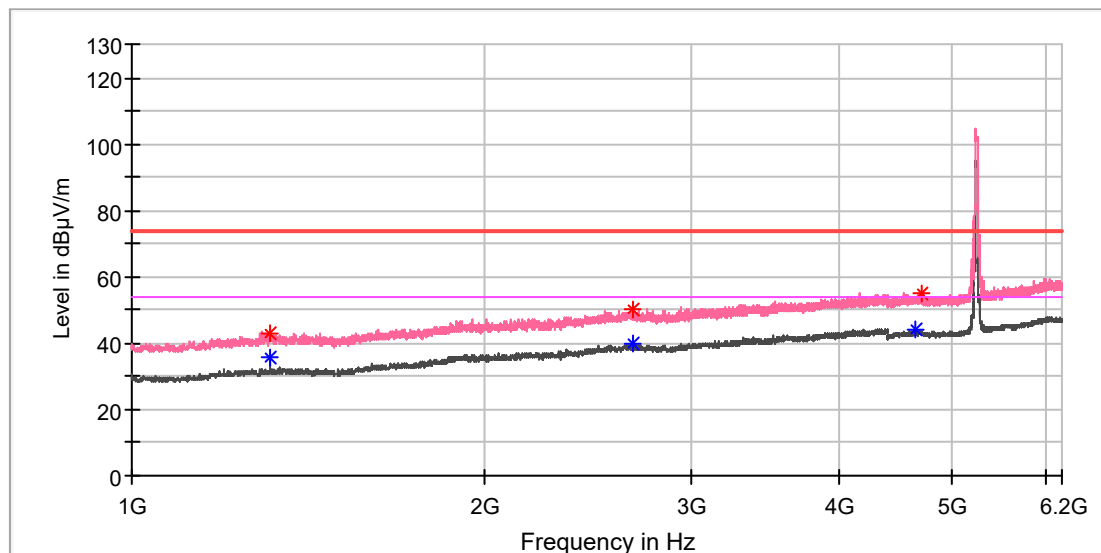
Final Result

Frequency (MHz)	QuasiPeak (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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

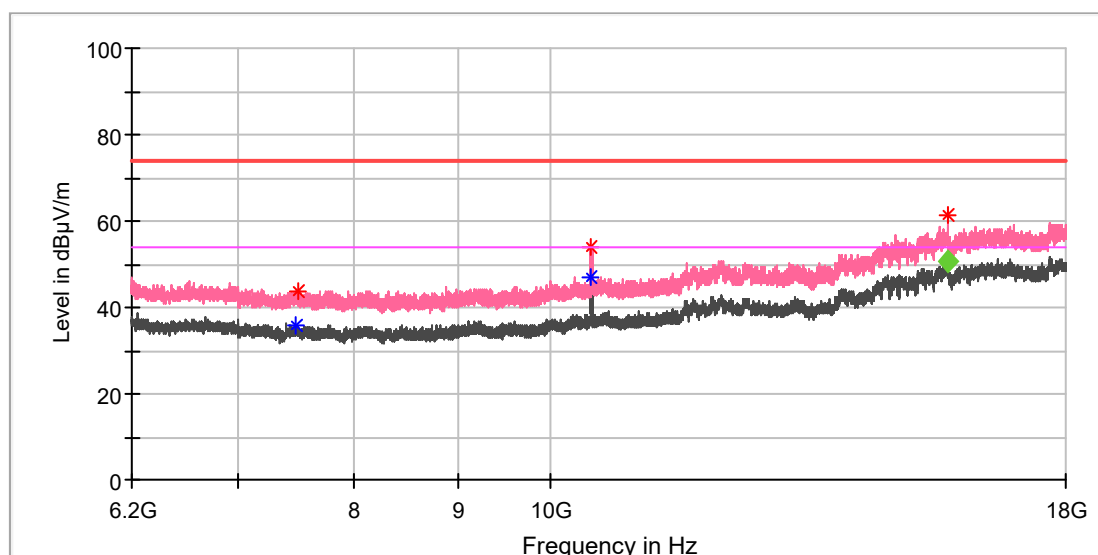
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	---	35.53	54.00	18.47	150.0	V	287.0	2.8
1313.000000	43.18	---	74.00	30.82	150.0	V	274.0	2.8
2667.500000	---	39.94	54.00	14.06	150.0	V	154.0	10.2
2674.000000	49.90	---	74.00	24.10	150.0	V	333.0	10.2
4658.500000	---	43.88	54.00	10.12	150.0	V	193.0	13.5
4708.000000	54.85	---	74.00	19.15	150.0	V	5.0	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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
7475.875000	---	35.92	54.00	18.08	150.0	V	135.0	8.6
7494.558333	43.85	---	74.00	30.15	150.0	V	212.0	8.7
10478.975000	53.92	---	74.00	20.08	150.0	V	233.0	12.0
10478.975000	---	46.95	54.00	7.05	150.0	V	233.0	12.0
15721.125000	61.17	---	74.00	12.83	150.0	V	212.0	20.5

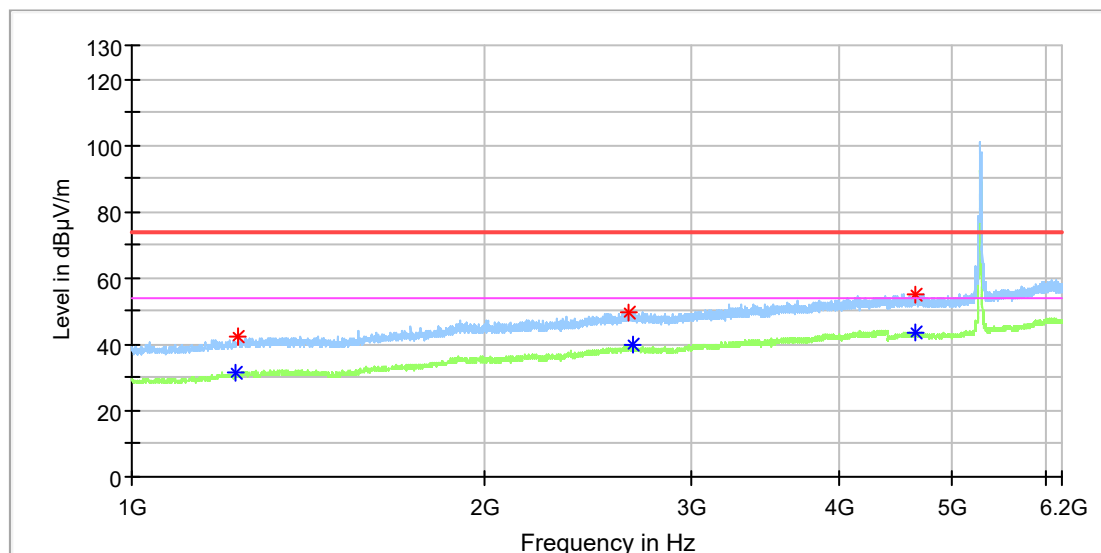
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
15721.791250	---	50.83	54.00	3.17	150.0	V	178.0	20.5

U-NII-2A Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

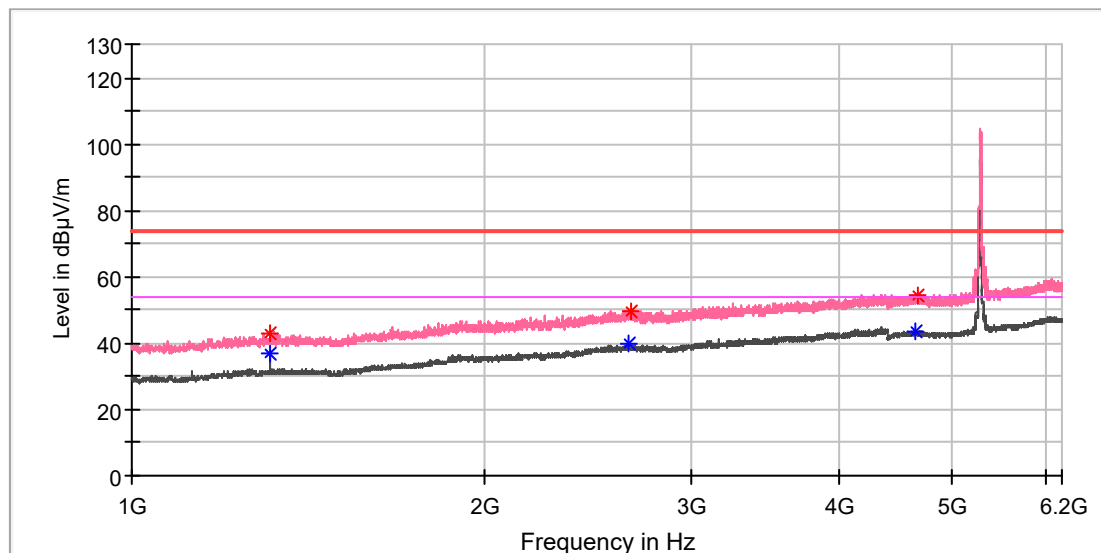
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1225.500000	---	31.40	54.00	22.60	150.0	H	0.0	2.2
1233.500000	42.22	---	74.00	31.78	150.0	H	189.0	2.4
2655.000000	49.65	---	74.00	24.35	150.0	H	108.0	10.2
2673.500000	---	39.62	54.00	14.38	150.0	H	0.0	10.2
4654.000000	54.98	---	74.00	19.02	150.0	H	67.0	13.5
4661.500000	---	43.55	54.00	10.45	150.0	H	19.0	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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
1312.500000	---	36.83	54.00	17.17	150.0	V	281.0	2.8
1312.500000	43.06	---	74.00	30.94	150.0	V	281.0	2.8
2648.500000	---	39.63	54.00	14.37	150.0	V	140.0	10.1
2661.500000	49.39	---	74.00	24.61	150.0	V	0.0	10.2
4655.000000	---	43.40	54.00	10.60	150.0	V	26.0	13.5
4667.000000	54.37	---	74.00	19.63	150.0	V	26.0	13.5

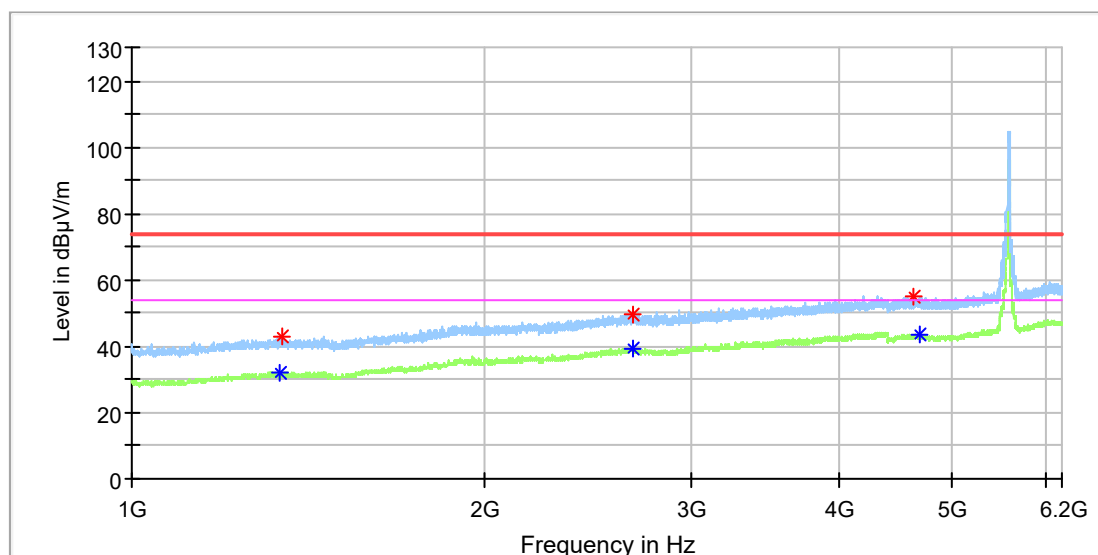
Final Result

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

U-NII-2C Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

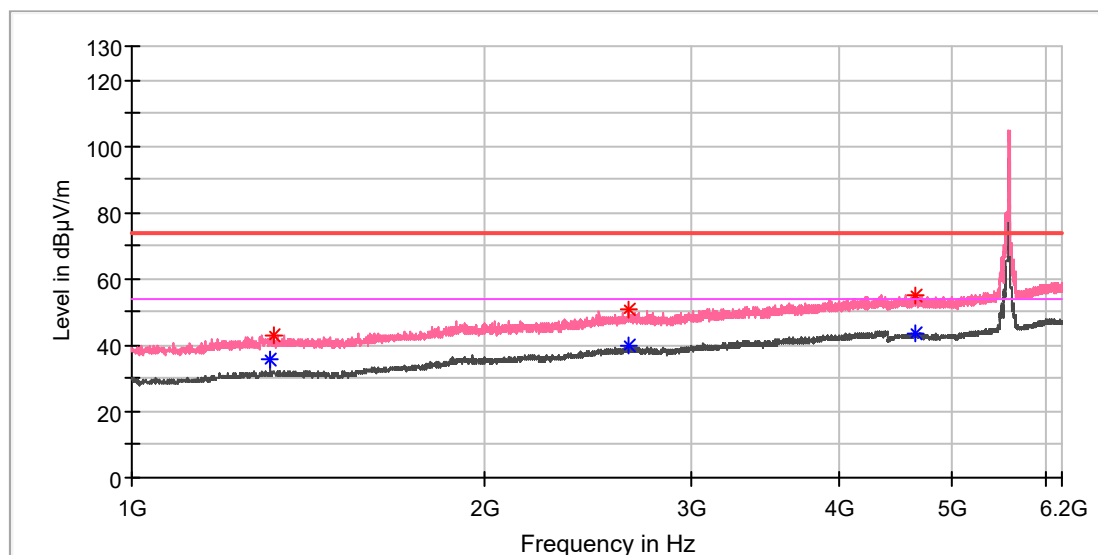
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1339.000000	---	32.18	54.00	21.82	150.0	H	62.0	3.0
1342.500000	42.64	---	74.00	31.36	150.0	H	25.0	3.1
2668.000000	---	39.60	54.00	14.40	150.0	H	13.0	10.2
2670.500000	49.58	---	74.00	24.42	150.0	H	293.0	10.2
4639.500000	54.79	---	74.00	19.21	150.0	H	319.0	13.5
4684.000000	---	43.58	54.00	10.42	150.0	H	288.0	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)
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EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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	---	35.87	54.00	18.13	150.0	V	251.0	2.8
1319.500000	42.80	---	74.00	31.20	150.0	V	166.0	2.9
2653.000000	---	39.66	54.00	14.34	150.0	V	244.0	10.2
2654.500000	50.81	---	74.00	23.19	150.0	V	311.0	10.2
4645.500000	---	43.42	54.00	10.58	150.0	V	192.0	13.5
4648.000000	54.91	---	74.00	19.09	150.0	V	124.0	13.5

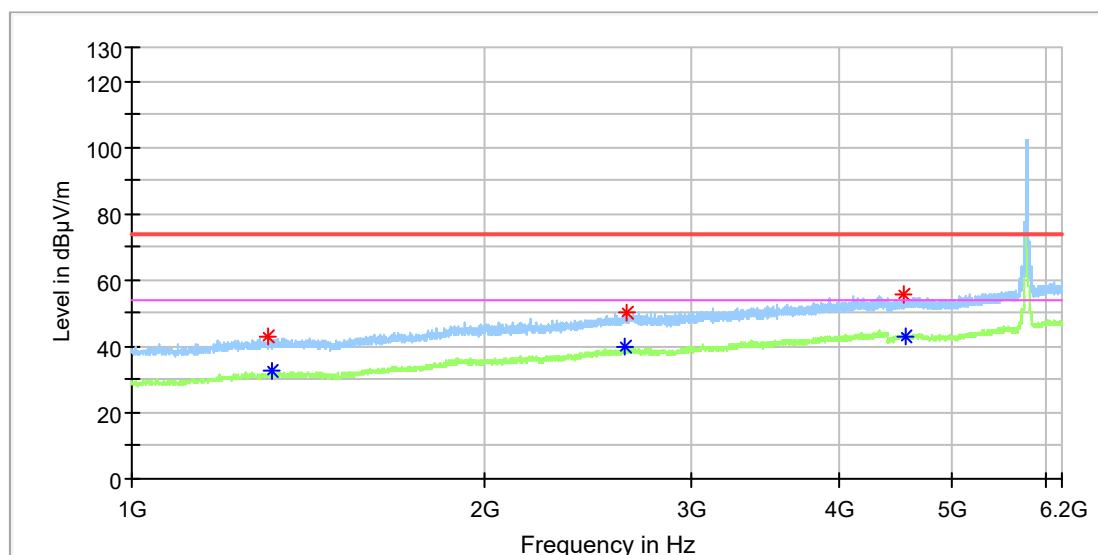
Final Result

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

U-NII-3 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

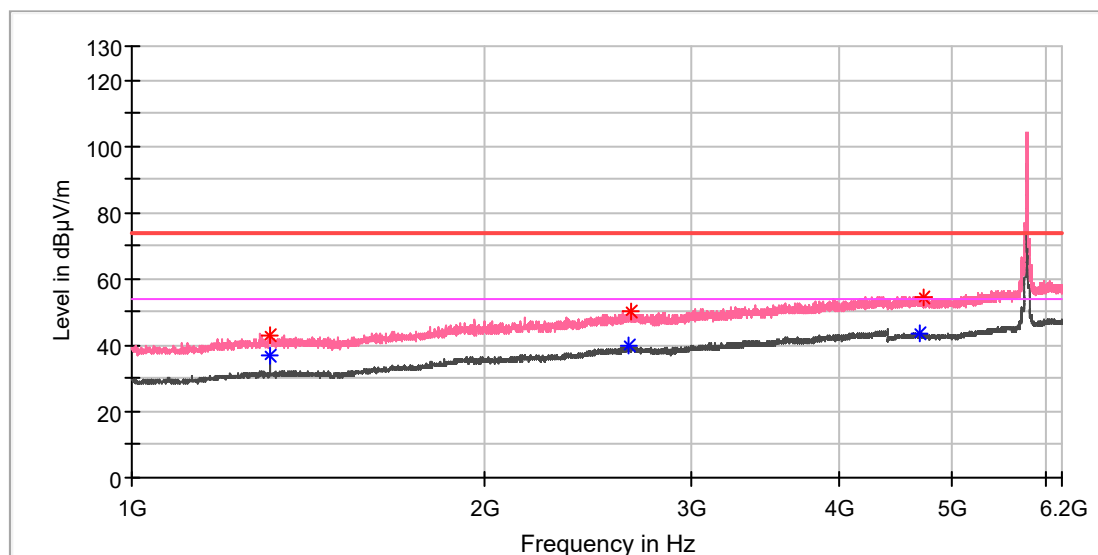
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1309.000000	42.99	---	74.00	31.01	150.0	H	60.0	2.8
1317.500000	---	32.46	54.00	21.54	150.0	H	30.0	2.9
2627.000000	---	39.74	54.00	14.26	150.0	H	285.0	9.9
2639.500000	50.12	---	74.00	23.88	150.0	H	1.0	10.0
4544.500000	55.78	---	74.00	18.22	150.0	H	228.0	13.4
4557.500000	---	43.18	54.00	10.82	150.0	H	307.0	13.4

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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
1309.500000	43.10	---	74.00	30.90	150.0	V	271.0	2.8
1312.000000	---	37.18	54.00	16.82	150.0	V	259.0	2.8
2655.500000	---	39.62	54.00	14.38	150.0	V	20.0	10.2
2665.500000	50.39	---	74.00	23.61	150.0	V	0.0	10.2
4687.000000	---	43.72	54.00	10.28	150.0	V	116.0	13.5
4732.000000	54.65	---	74.00	19.35	150.0	V	254.0	13.4

Final Result

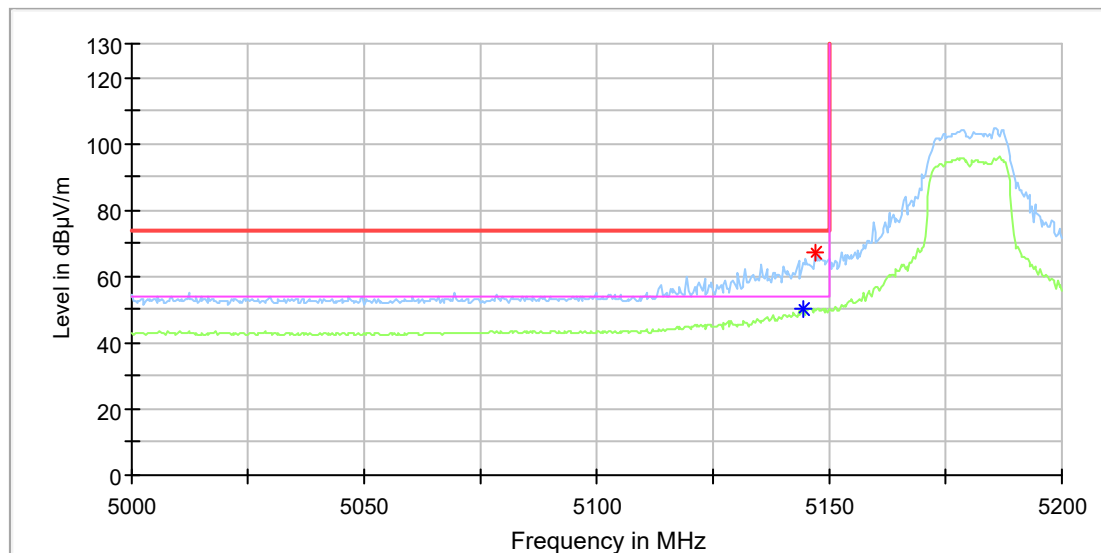
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

U-NII-1 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

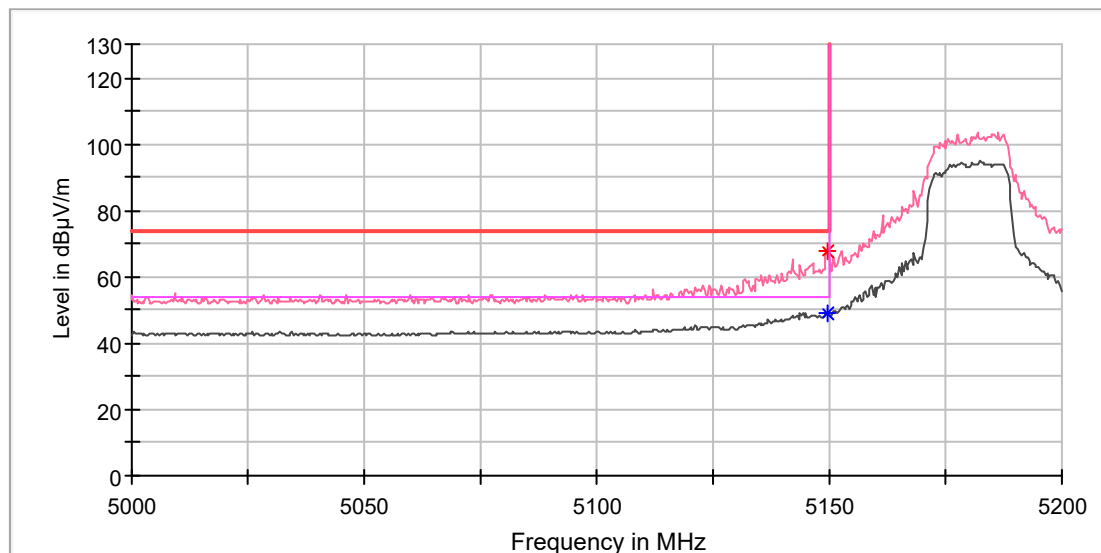
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5144.383333	---	50.41	54.00	3.59	150.0	H	127.0	13.9
5147.005556	67.39	---	74.00	6.61	150.0	H	127.0	13.9

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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

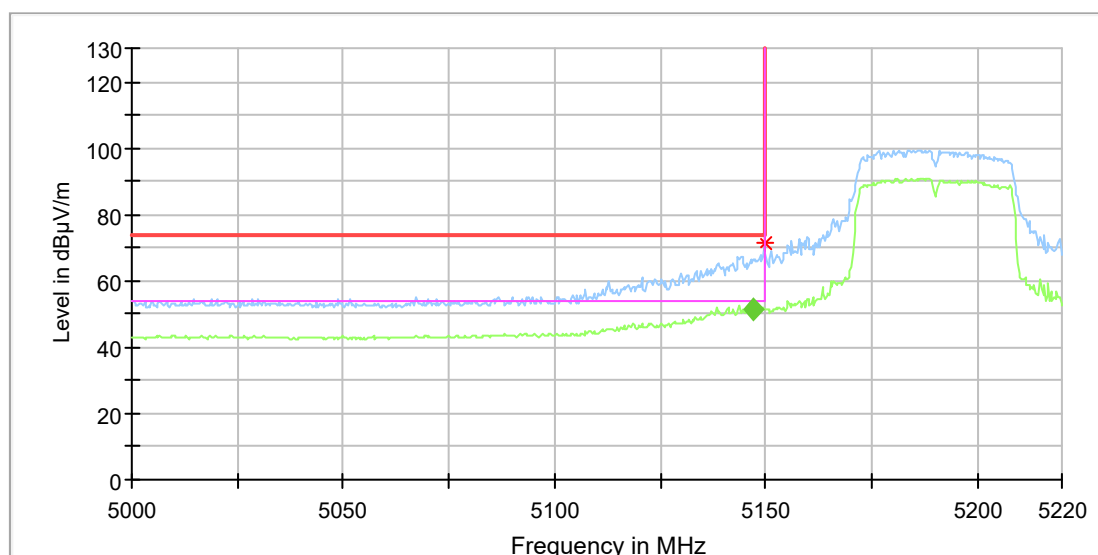
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	67.47	---	74.00	6.53	150.0	V	28.0	13.9
5149.627778	---	49.28	54.00	4.72	150.0	V	28.0	13.9

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch38
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

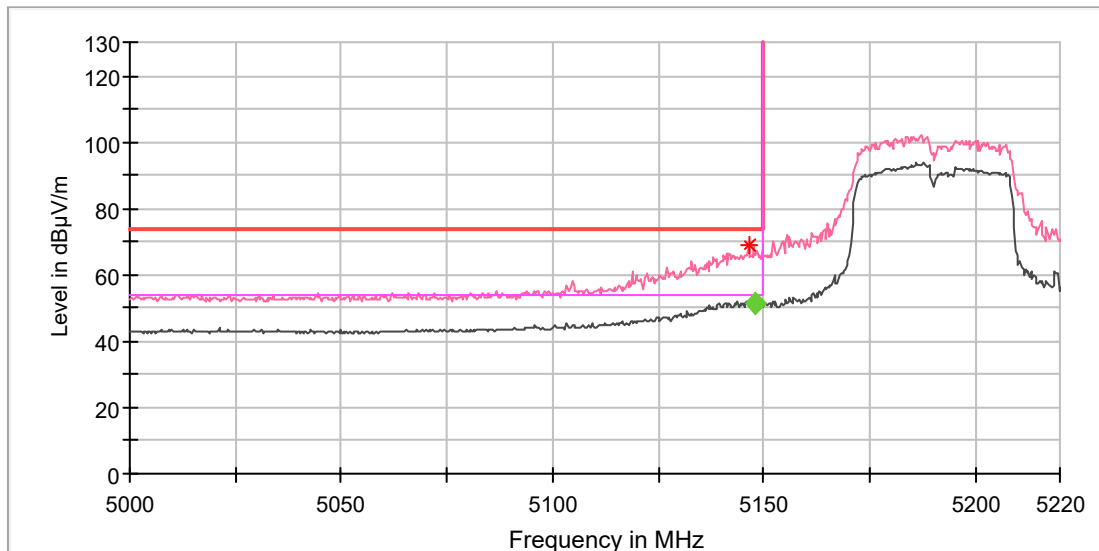
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	71.64	---	74.00	2.36	150.0	H	301.0	13.9

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.005556	---	51.64	54.00	2.36	150.0	H	323.0	13.9

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch38
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5146.350000	68.91	---	74.00	5.09	150.0	V	254.0	13.9

Final_Result

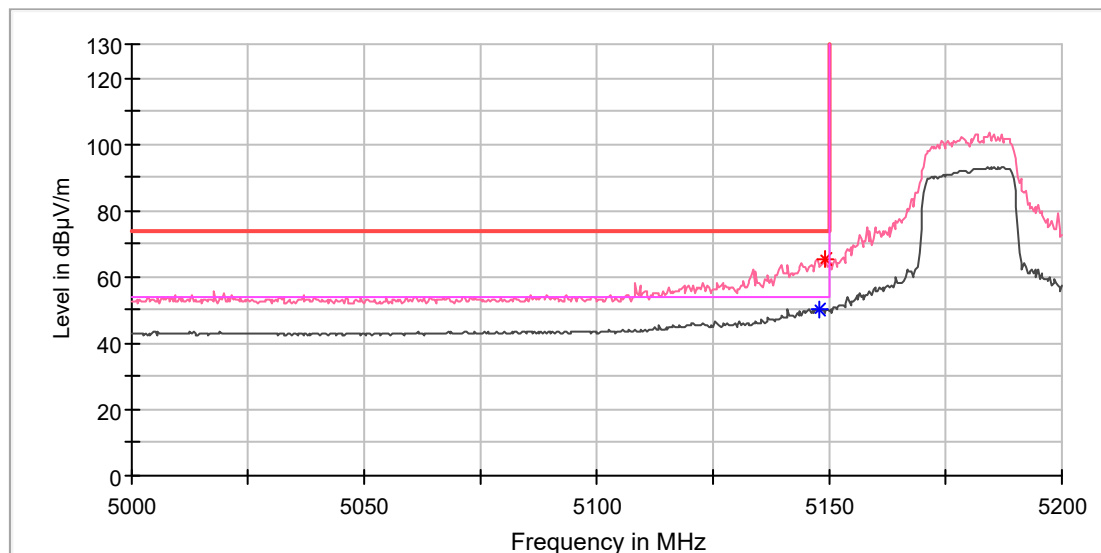
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.758333	---	51.58	54.00	2.42	150.0	V	254.0	13.9

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch36
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

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:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch36
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5147.661111	---	50.41	54.00	3.59	150.0	V	28.0	13.9
5149.300000	65.24	---	74.00	8.76	150.0	V	35.0	13.9

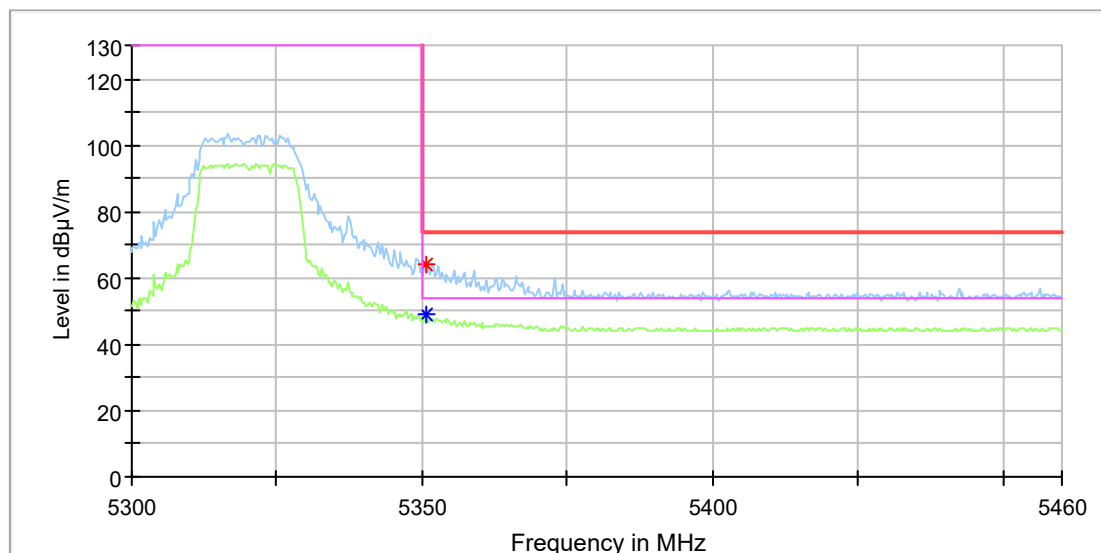
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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U-NII-2A Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

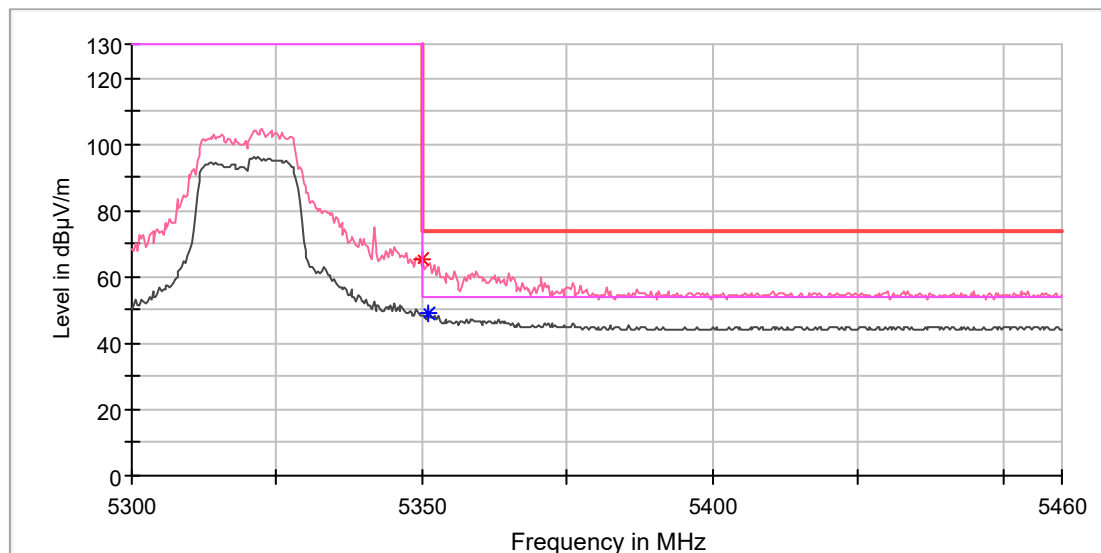
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.761111	---	48.78	54.00	5.22	150.0	H	131.0	14.8
5350.761111	64.12	---	74.00	9.88	150.0	H	131.0	14.8

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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

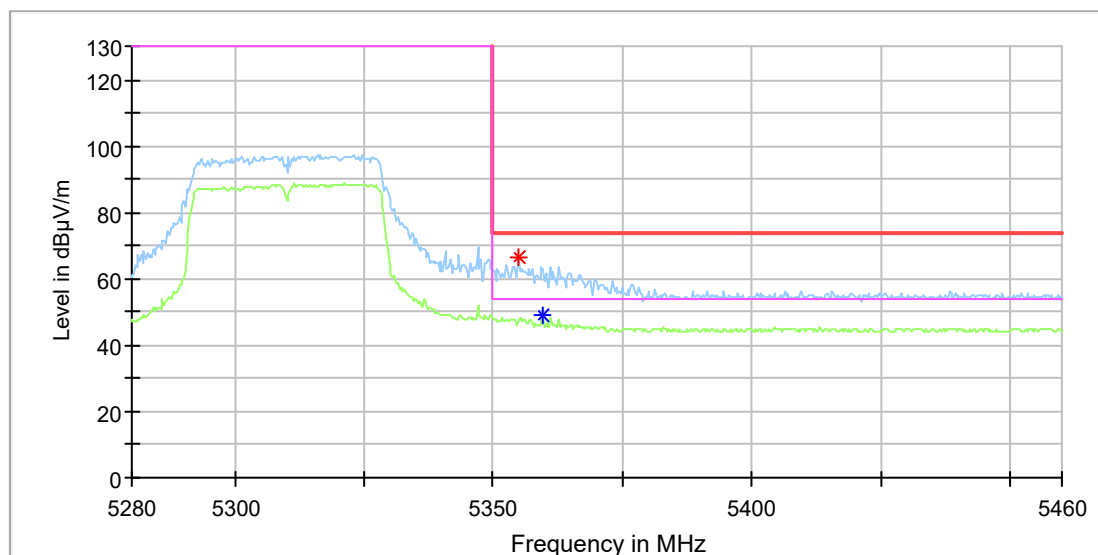
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.172222	65.17	---	74.00	8.83	150.0	V	67.0	14.8
5351.055556	---	48.97	54.00	5.03	150.0	V	61.0	14.8

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch62
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

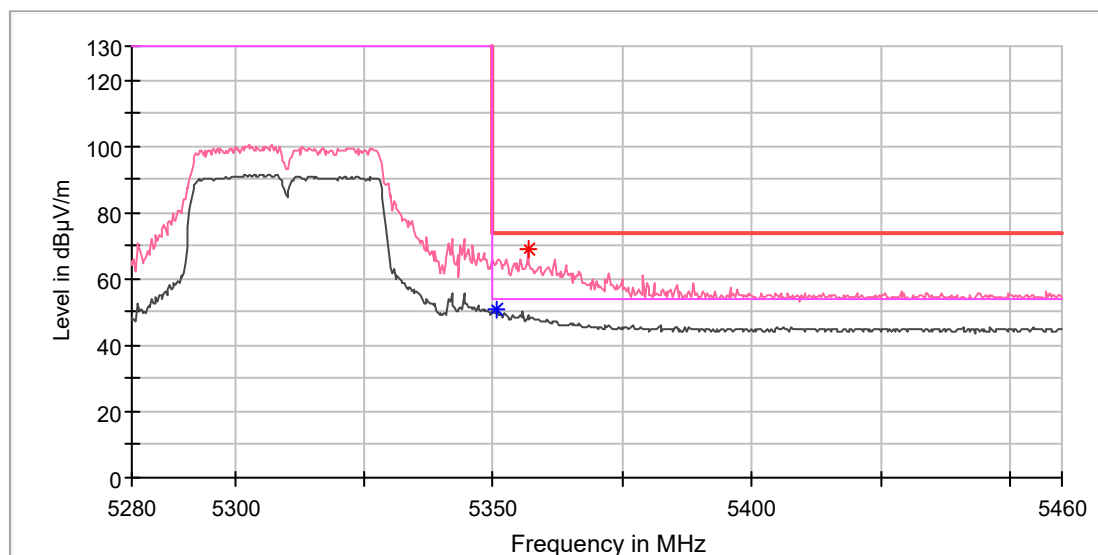
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5354.883333	66.58	---	74.00	7.42	150.0	H	298.0	14.8
5359.594445	---	48.79	54.00	5.21	150.0	H	310.0	14.8

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch62
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

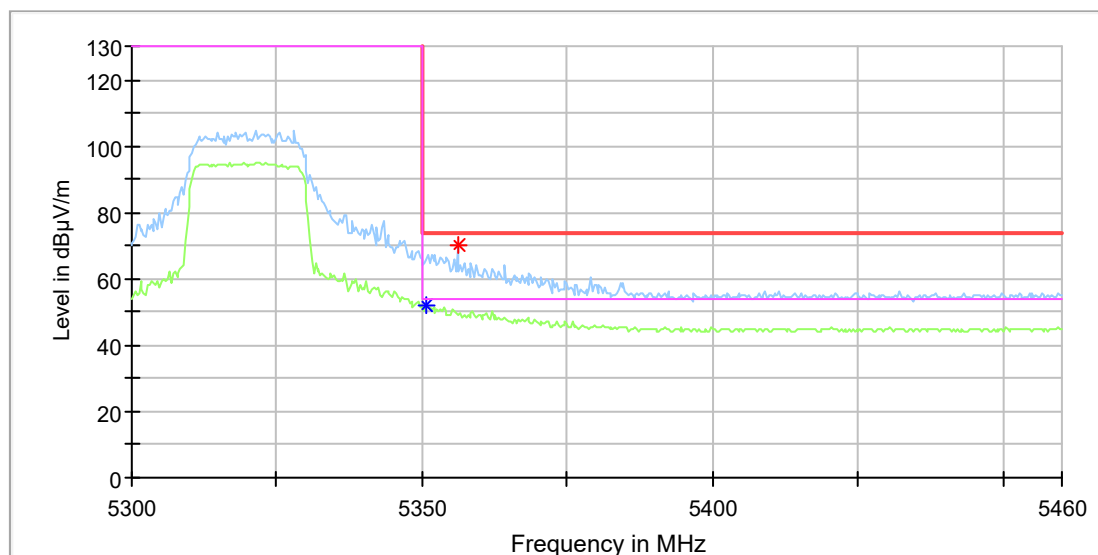
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5356.650000	68.85	---	74.00	5.15	150.0	V	246.0	14.8
5350.761111	---	50.54	54.00	3.46	150.0	V	251.0	14.8

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:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch64
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

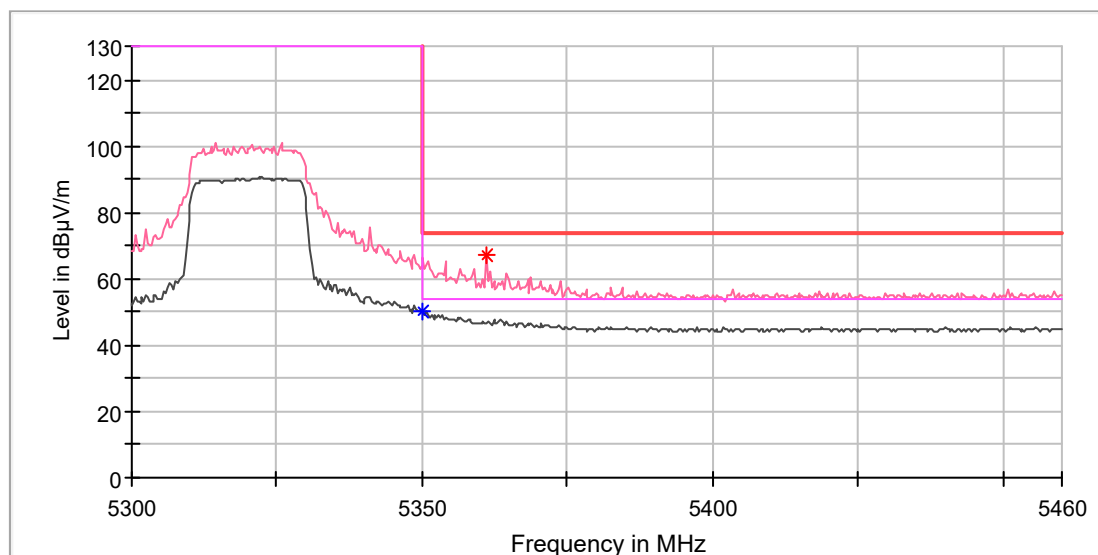
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.761111	---	51.93	54.00	2.07	150.0	H	134.0	14.8
5356.061111	69.91	---	74.00	4.09	150.0	H	127.0	14.8

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:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch64
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5350.172222	---	50.49	54.00	3.51	150.0	V	136.0	14.8
5361.066667	66.98	---	74.00	7.02	150.0	V	142.0	14.8

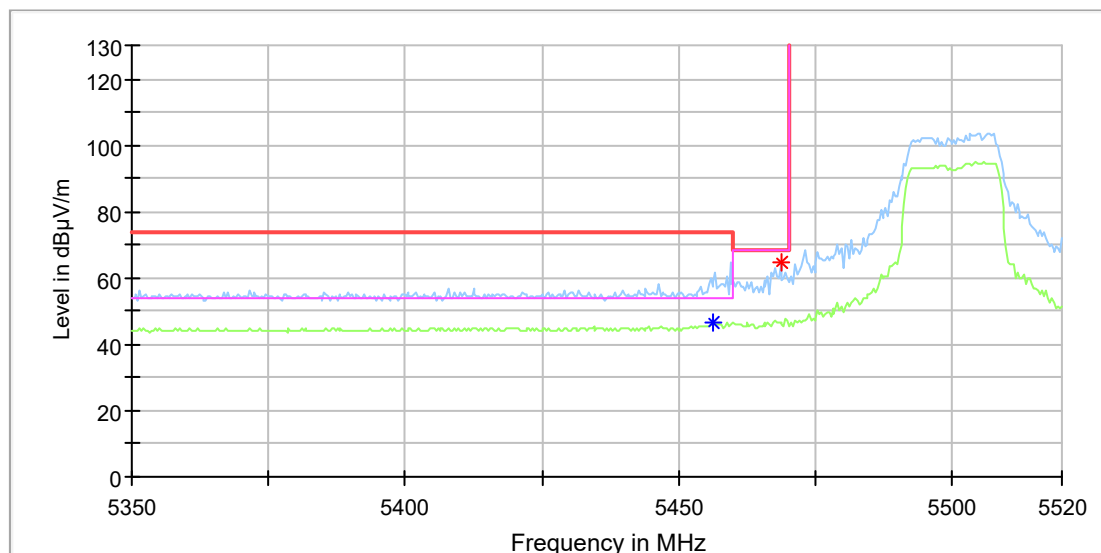
Final Result

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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U-NII-2C Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

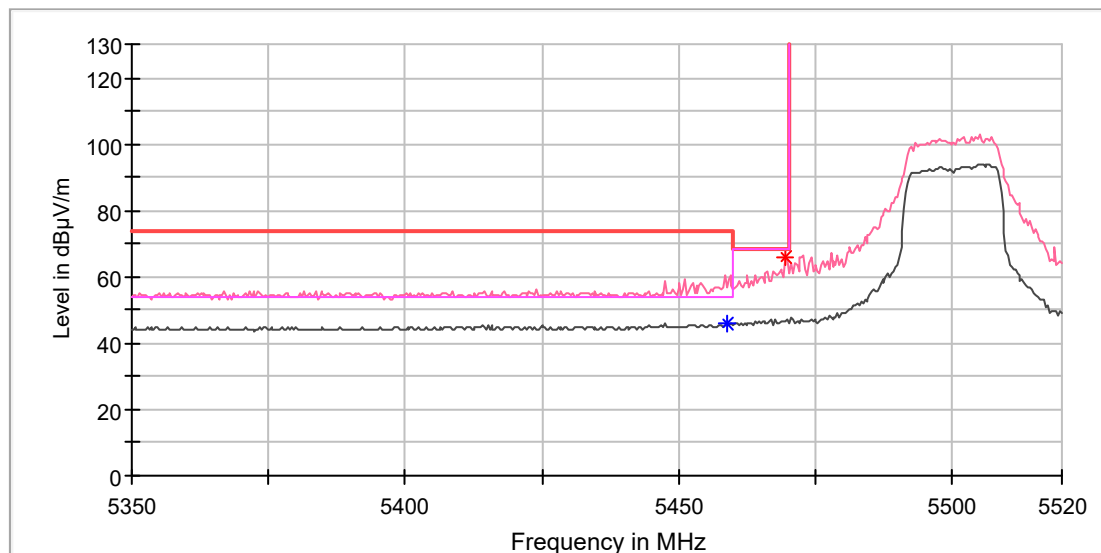
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5456.427778	---	46.59	54.00	7.41	150.0	H	129.0	15.1
5468.555556	64.44	---	68.20	3.76	150.0	H	95.0	15.1

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:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

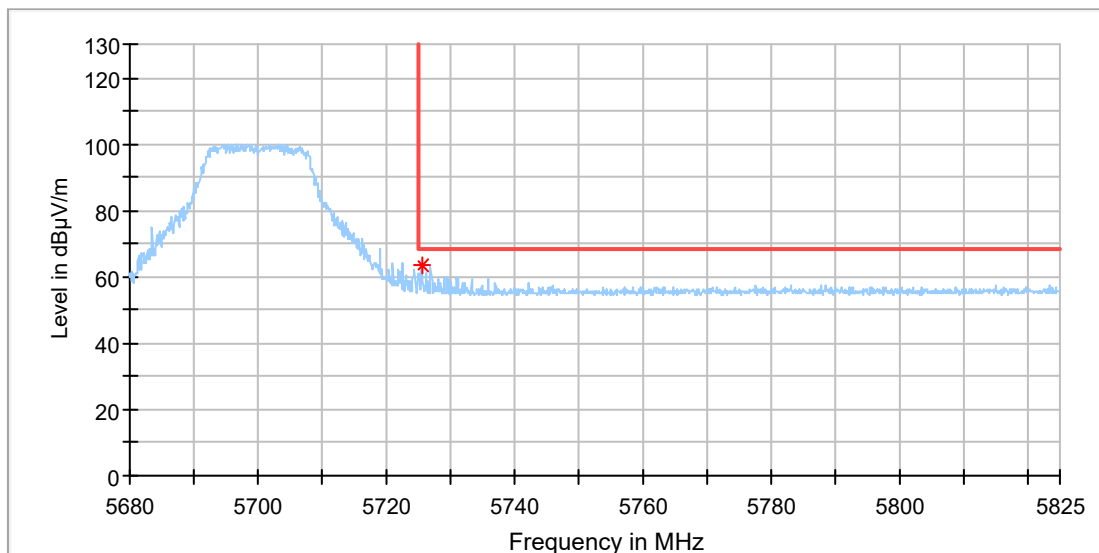
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.722222	---	45.89	54.00	8.11	150.0	V	61.0	15.1
5469.538889	65.61	---	68.20	2.59	150.0	V	36.0	15.1

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: RRE0CPS
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

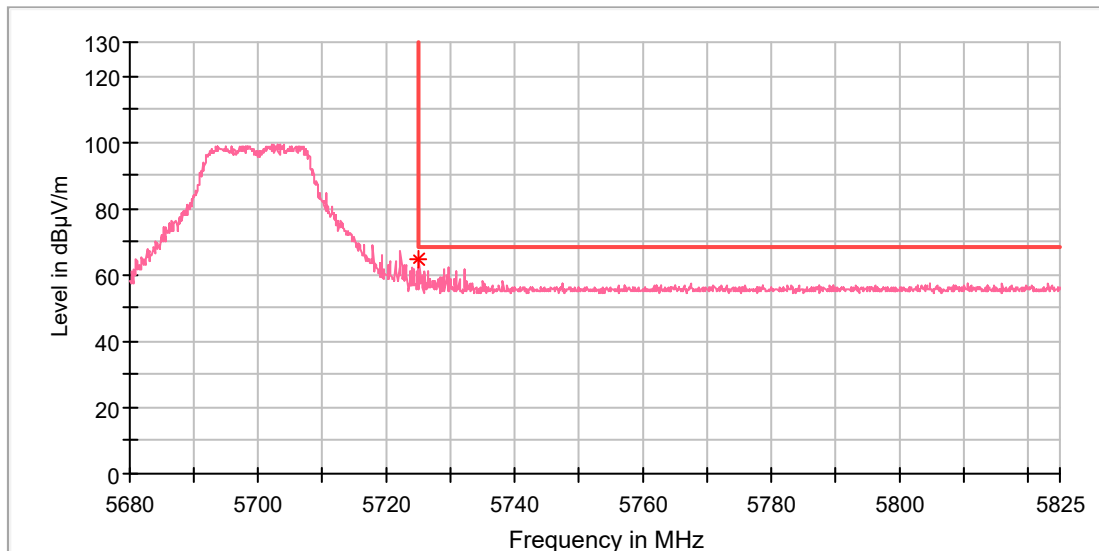
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.525000	63.56	68.20	4.64	150.0	H	124.0	15.4

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: RRE0CPS
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

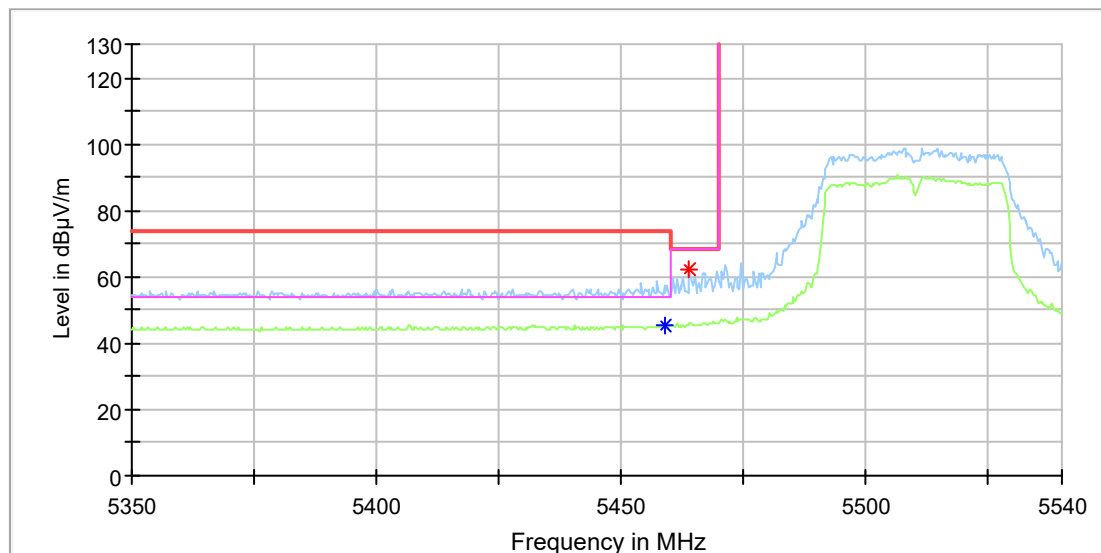
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.141667	64.50	68.20	3.70	150.0	V	53.0	15.4

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch102
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

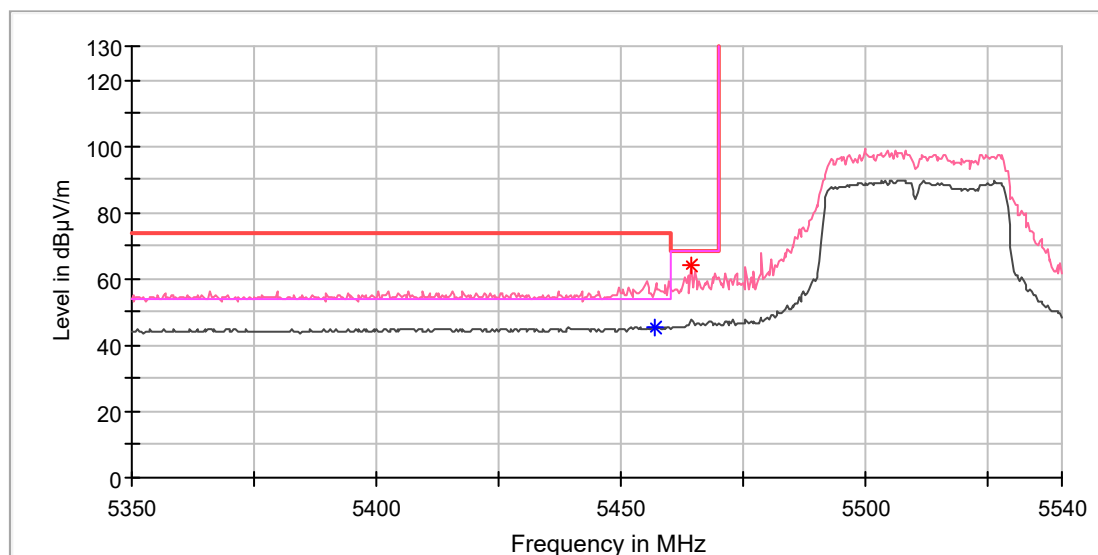
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.722222	---	45.28	54.00	8.72	150.0	H	303.0	15.1
5463.966667	62.25	---	68.20	5.95	150.0	H	315.0	15.1

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch102
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

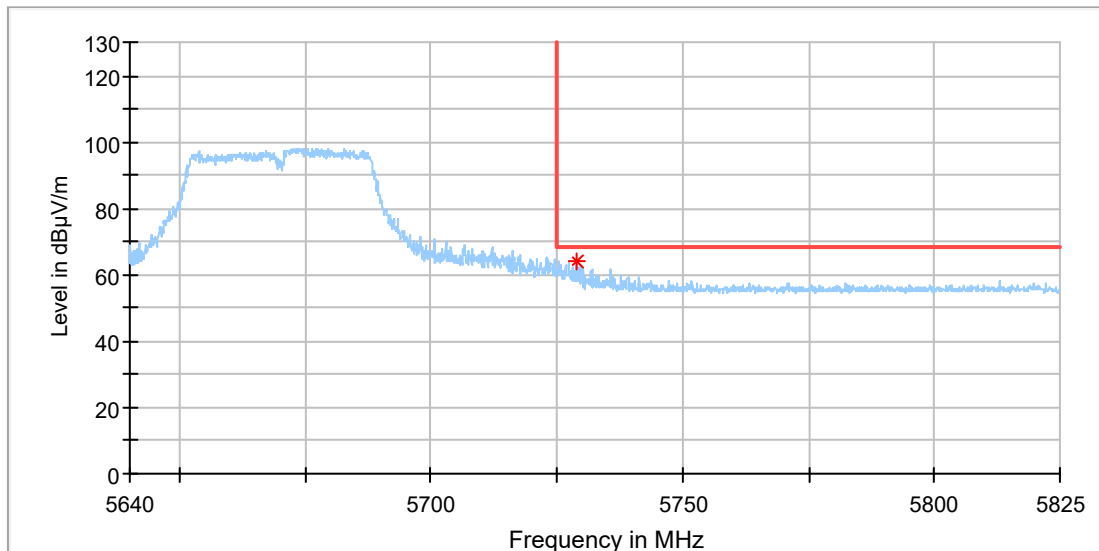
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5456.755556	---	45.47	54.00	8.53	150.0	V	59.0	15.1
5464.294445	63.84	---	68.20	4.36	150.0	V	234.0	15.1

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:	RRE0CPS
Test Mode:	WIFI 5G_11ac40_Ch134
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

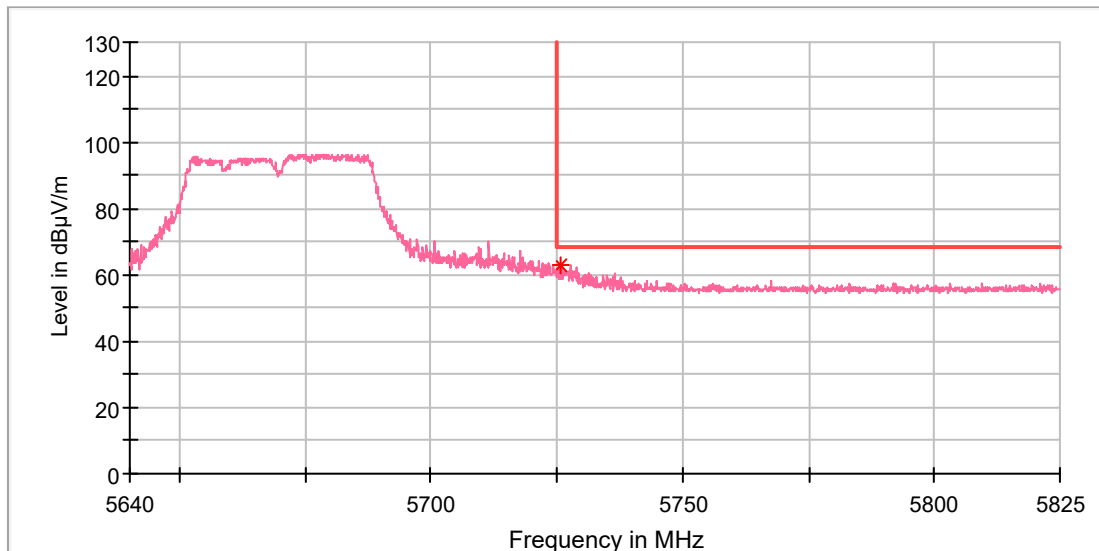
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5728.879167	64.02	68.20	4.18	150.0	H	293.0	15.4

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: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch134
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

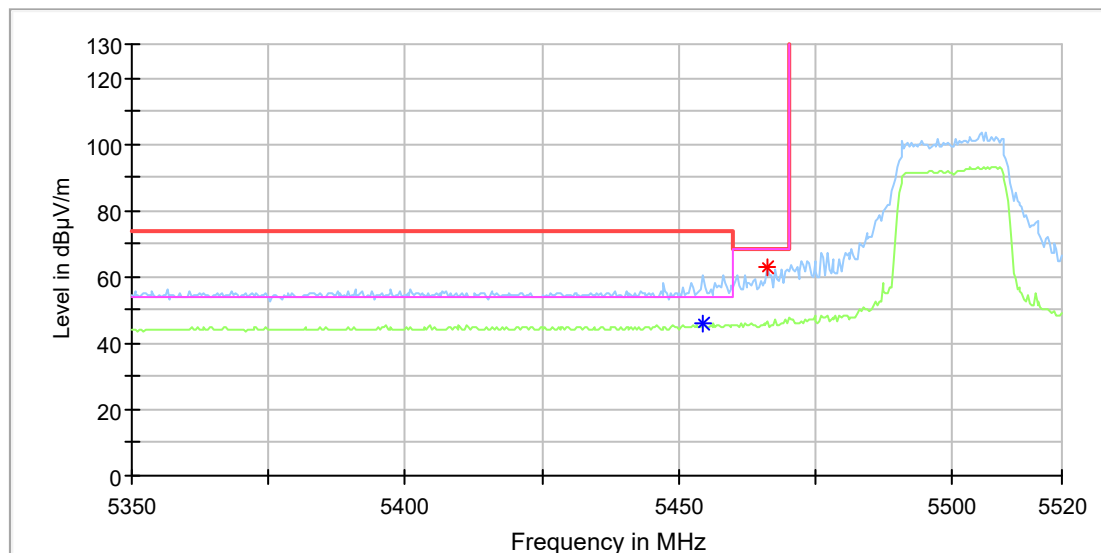
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.908333	62.95	68.20	5.25	150.0	V	58.0	15.4

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:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch100
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

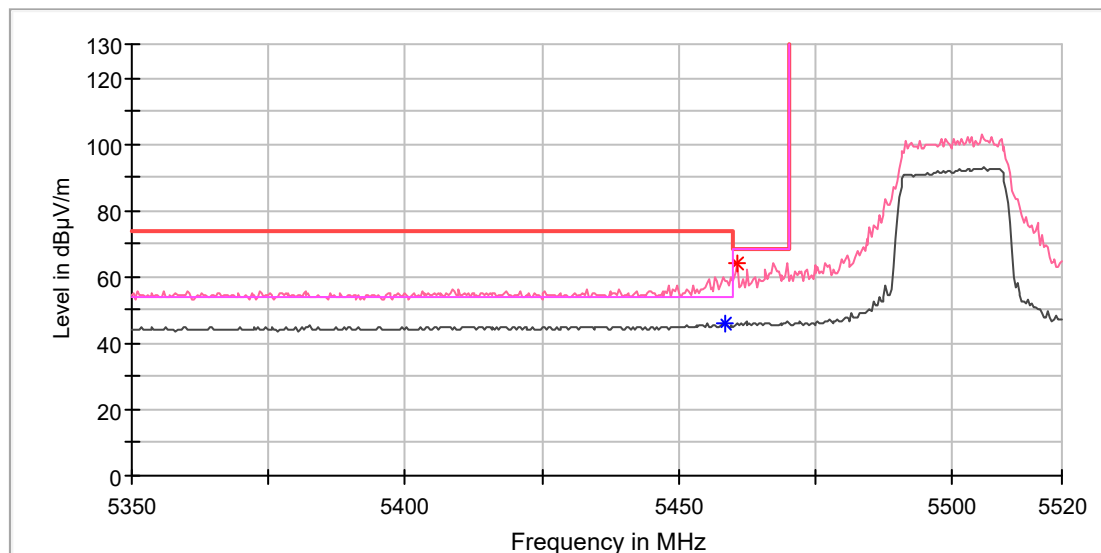
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5454.461111	---	46.10	54.00	7.90	150.0	H	126.0	15.0
5466.261111	62.84	---	68.20	5.36	150.0	H	126.0	15.1

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch100
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

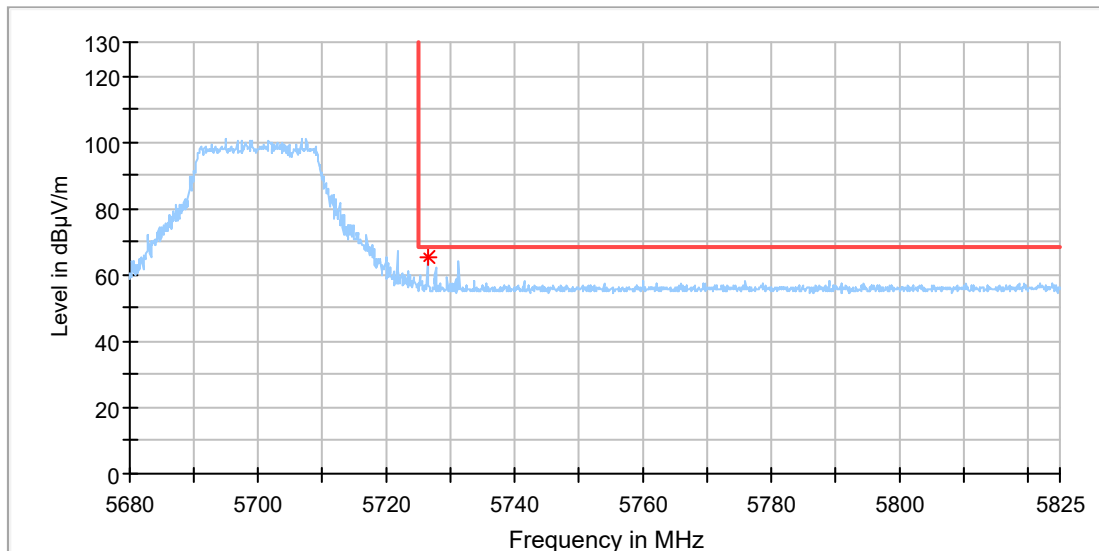
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.394445	---	45.99	54.00	8.01	150.0	V	57.0	15.1
5460.688889	64.39	---	68.20	3.81	150.0	V	57.0	15.1

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11ax20_Ch140
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

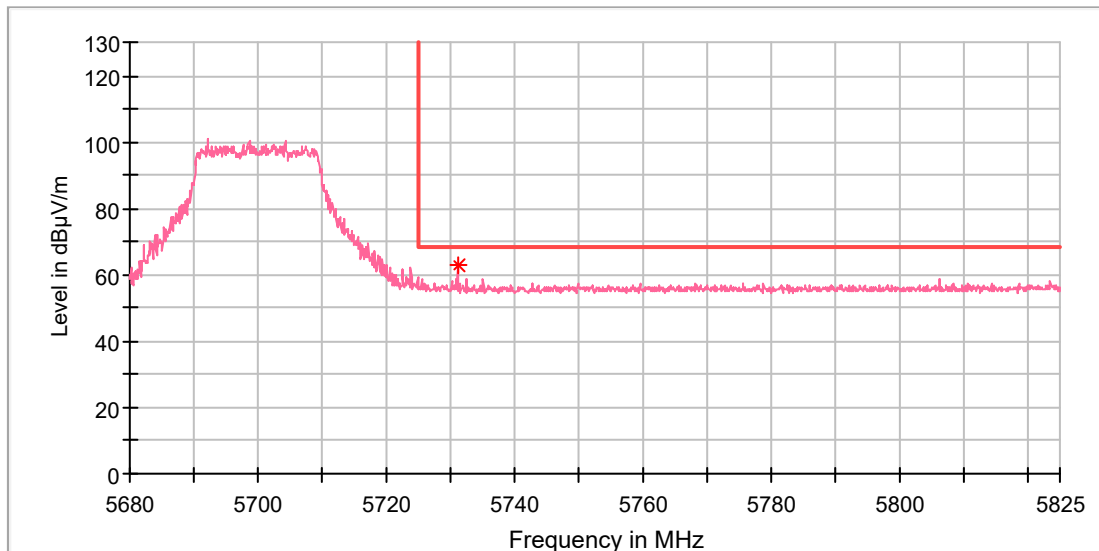
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.483333	65.01	68.20	3.19	150.0	H	115.0	15.4

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: RRE0CPS
Test Mode: WIFI 5G_11ax20_Ch140
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5731.179167	62.77	68.20	5.43	150.0	V	87.0	15.4

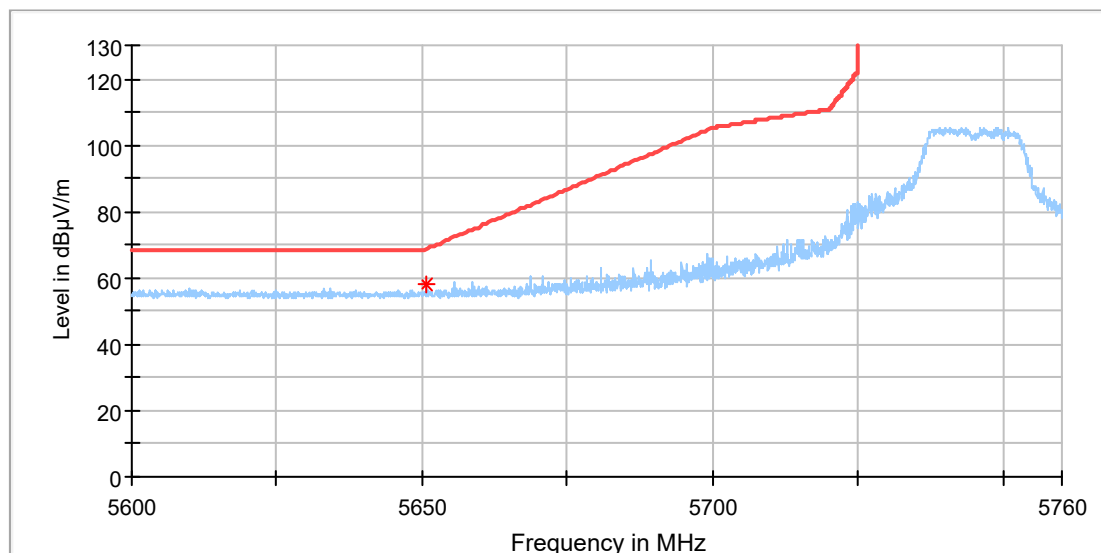
Final_Result

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

U-NII-3 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

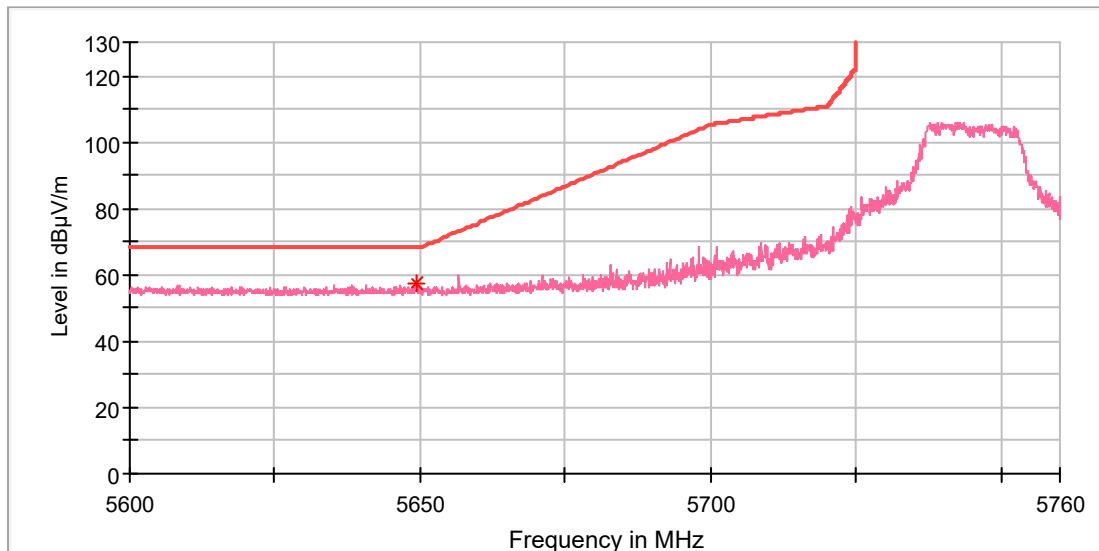
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.783333	58.03	68.78	10.75	150.0	H	337.0	15.3

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

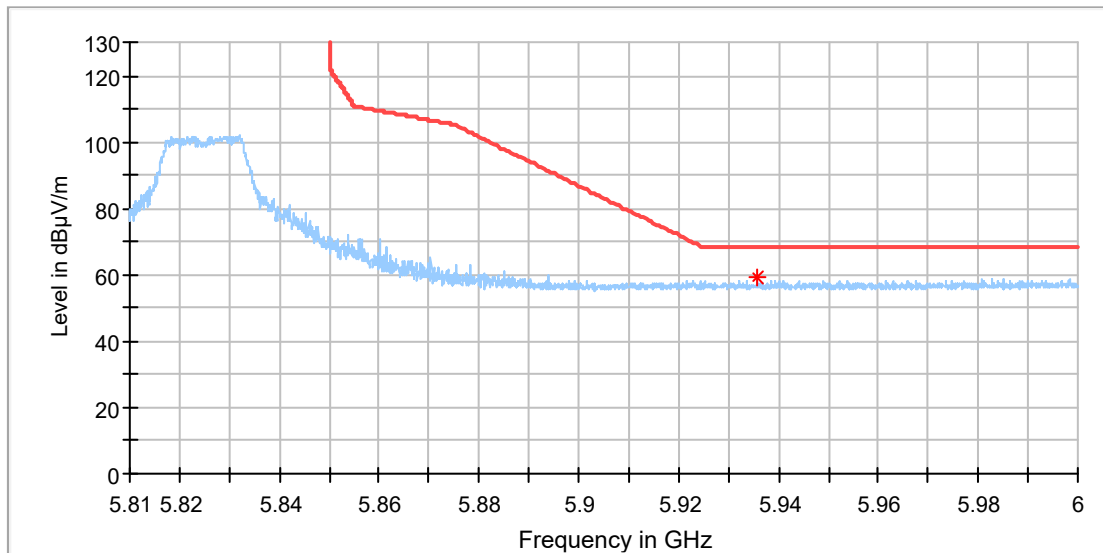
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.438889	57.53	68.20	10.67	150.0	V	238.0	15.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

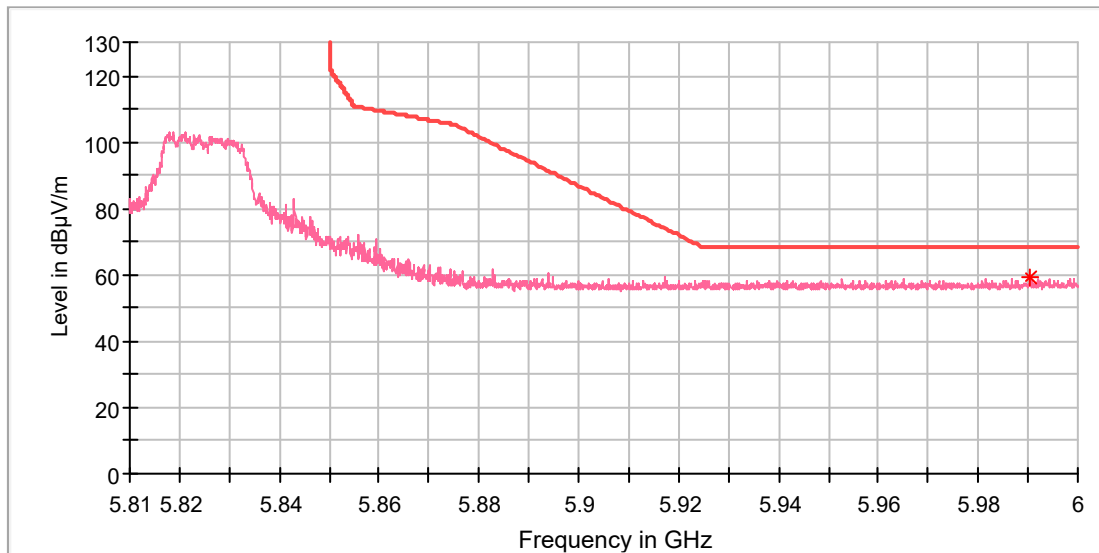
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5935.756945	59.06	68.20	9.14	150.0	H	21.0	16.2

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

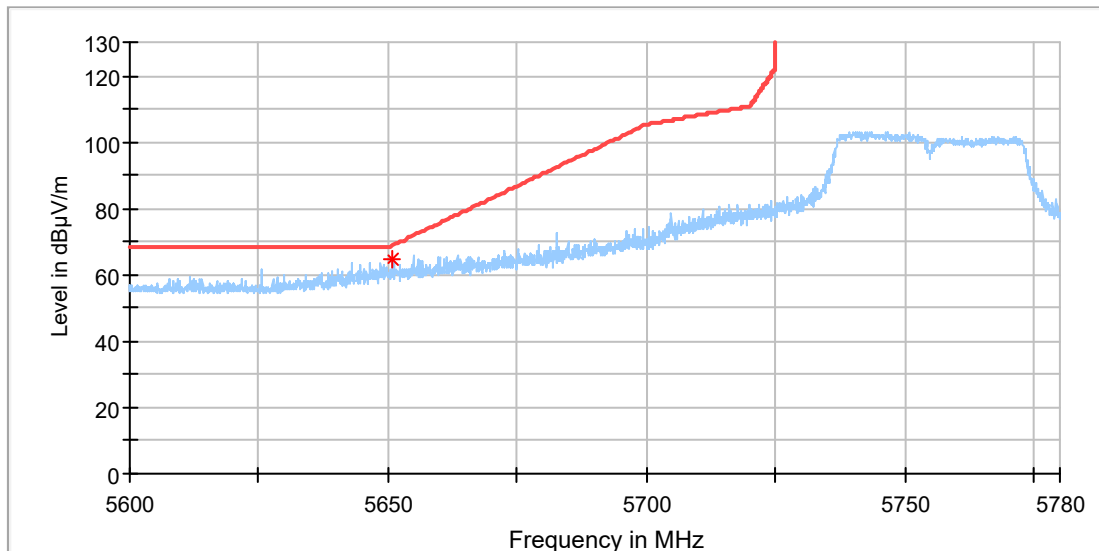
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5990.527778	59.16	68.20	9.04	150.0	V	359.0	16.5

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: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch151
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

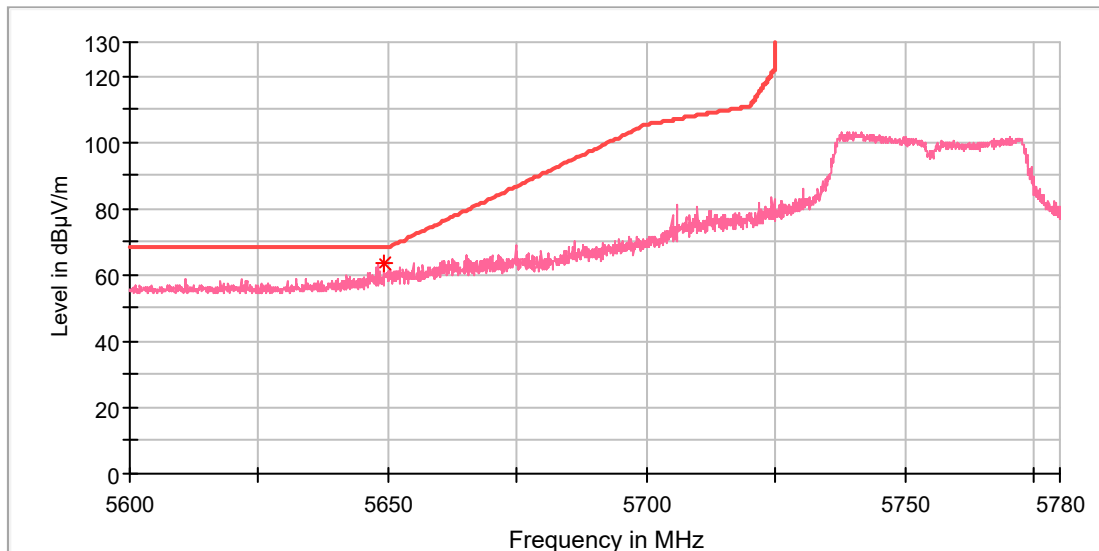
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.722222	64.56	68.74	4.18	150.0	H	104.0	15.3

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: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch151
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

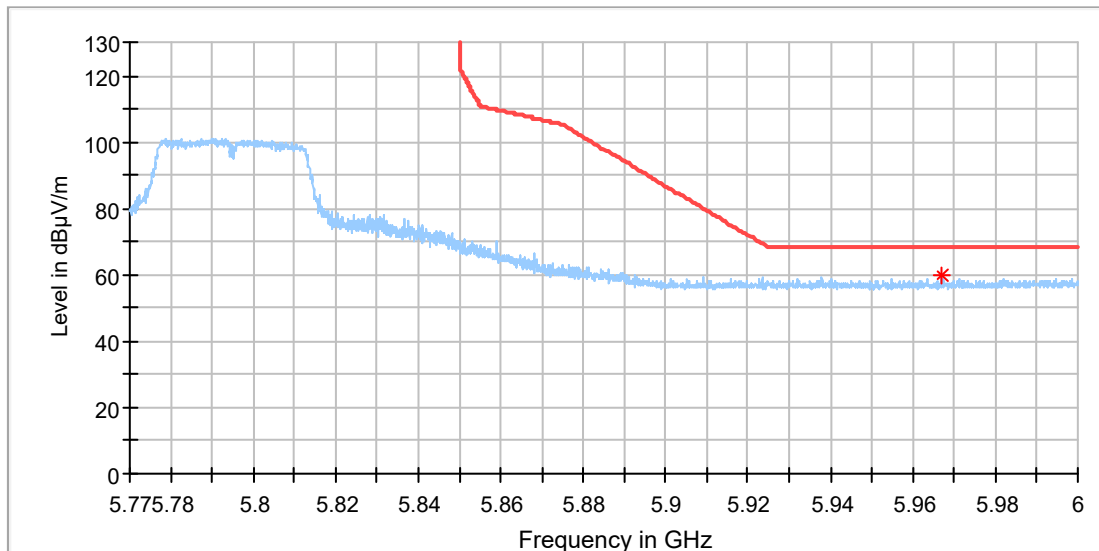
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.377778	63.53	68.20	4.67	150.0	V	95.0	15.3

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: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch159
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

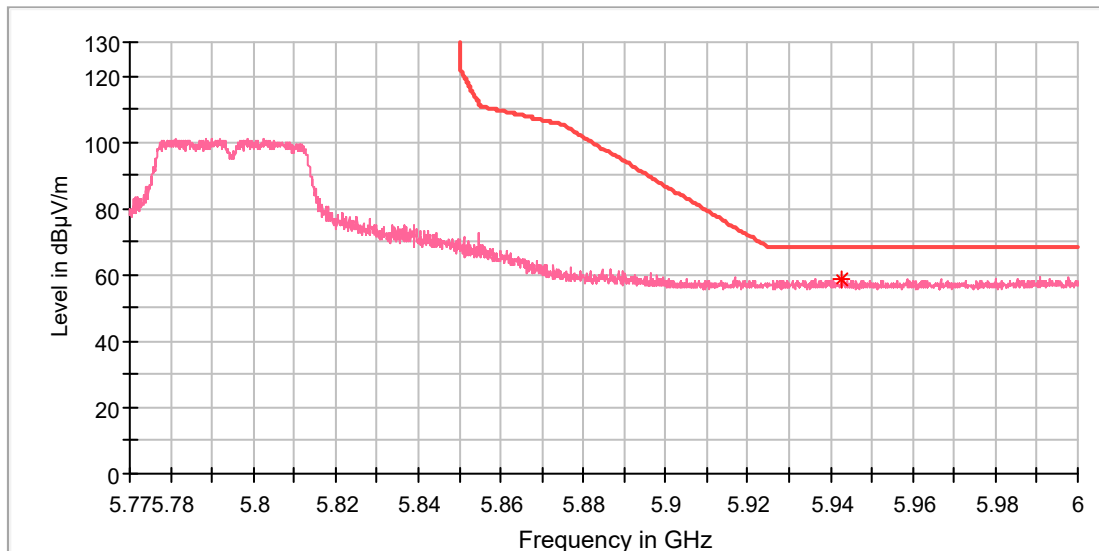
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5967.076389	59.57	68.20	8.63	150.0	H	17.0	16.4

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: RRE0CPS
Test Mode: WIFI 5G_11ac40_Ch159
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

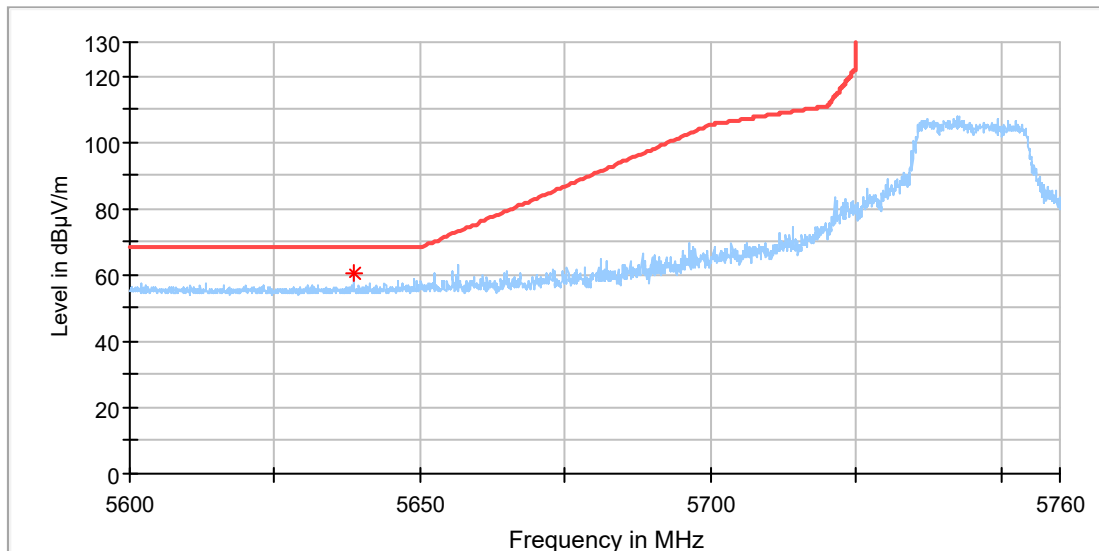
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5942.555556	58.73	68.20	9.47	150.0	V	64.0	16.2

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11ax20_Ch149
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

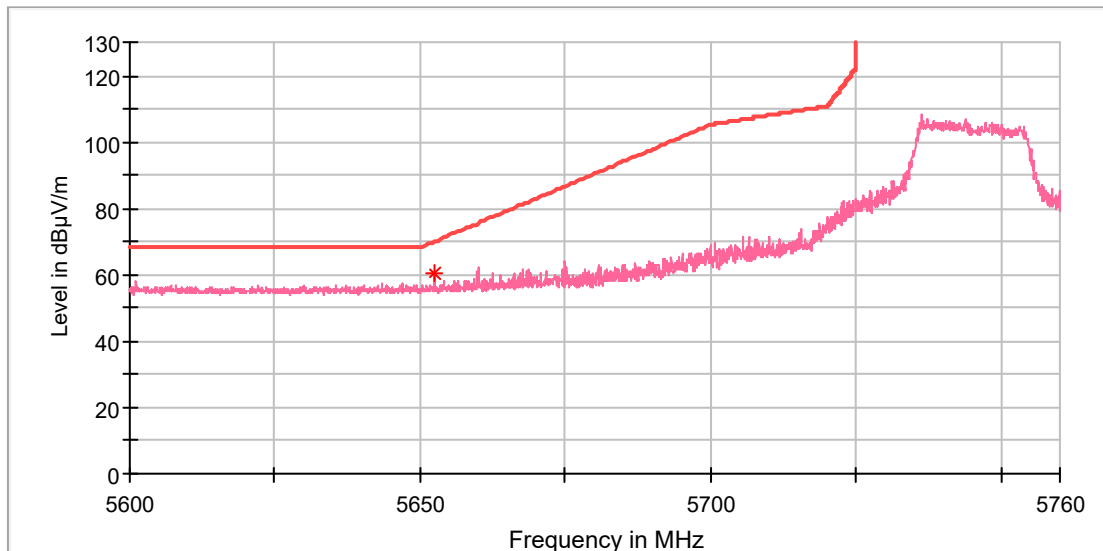
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5638.561111	60.60	68.20	7.60	150.0	H	134.0	15.3

Final_Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0CPS
Test Mode:	WIFI 5G_11ax20_Ch149
Order No/Sample No:	168558370/A004111880-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

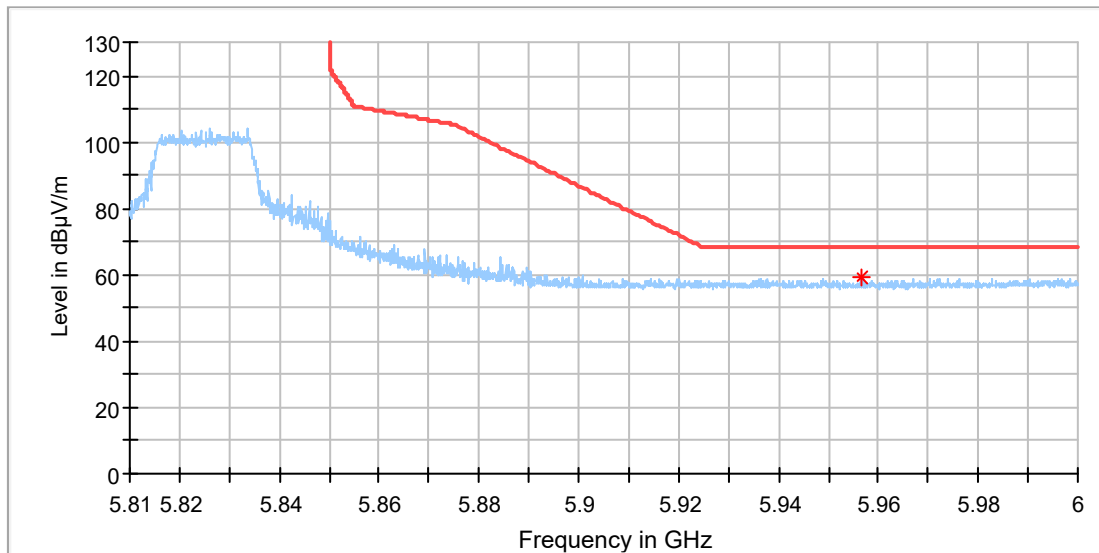
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5652.372222	60.26	69.96	9.70	150.0	V	57.0	15.3

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: RRE0CPS
Test Mode: WIFI 5G_11ax20_Ch165
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

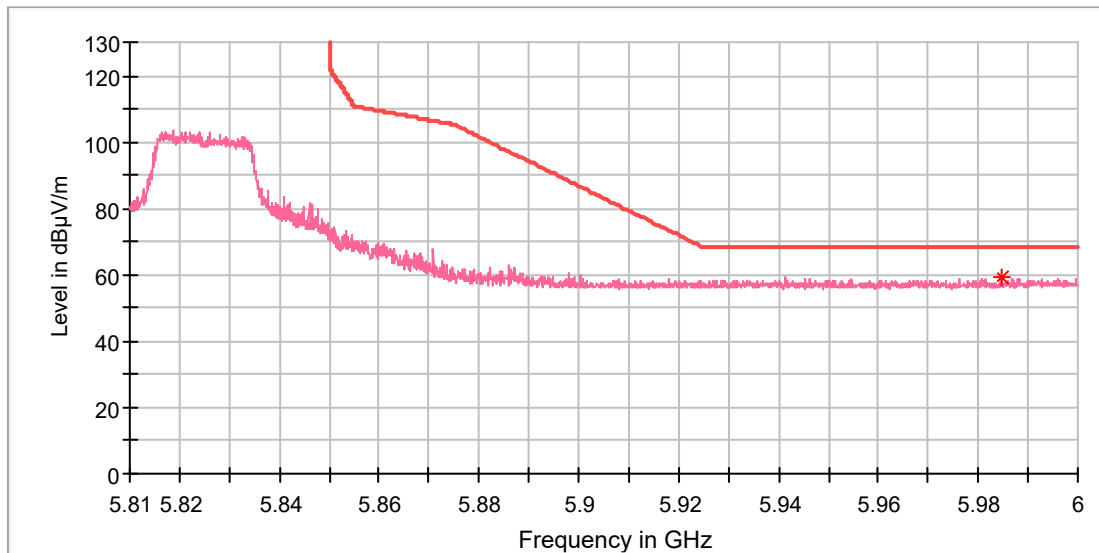
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5956.458333	59.10	68.20	9.10	150.0	H	162.0	16.3

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0CPS
Test Mode: WIFI 5G_11ax20_Ch165
Order No/Sample No: 168558370/A004111880-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5984.798611	59.47	68.20	8.73	150.0	V	358.0	16.4

Final_Result

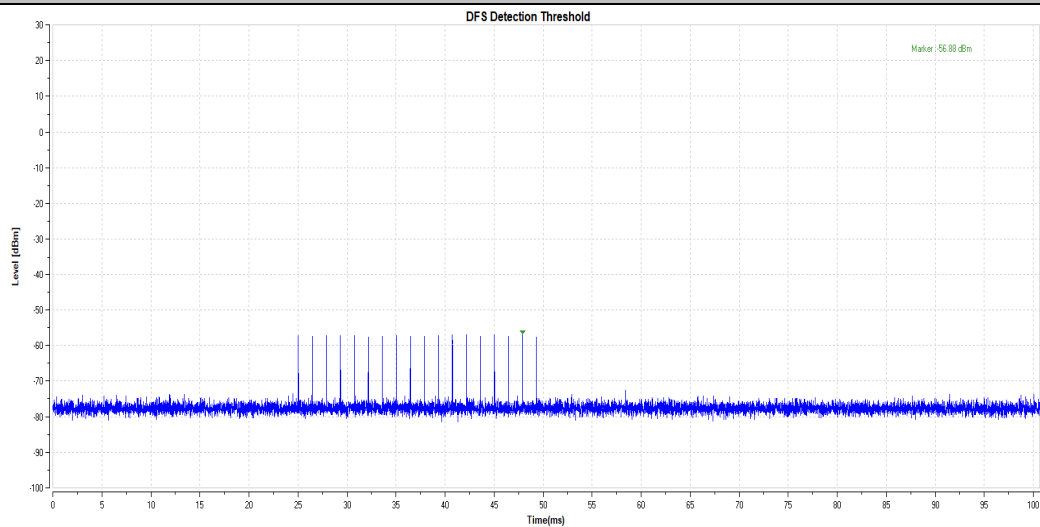
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

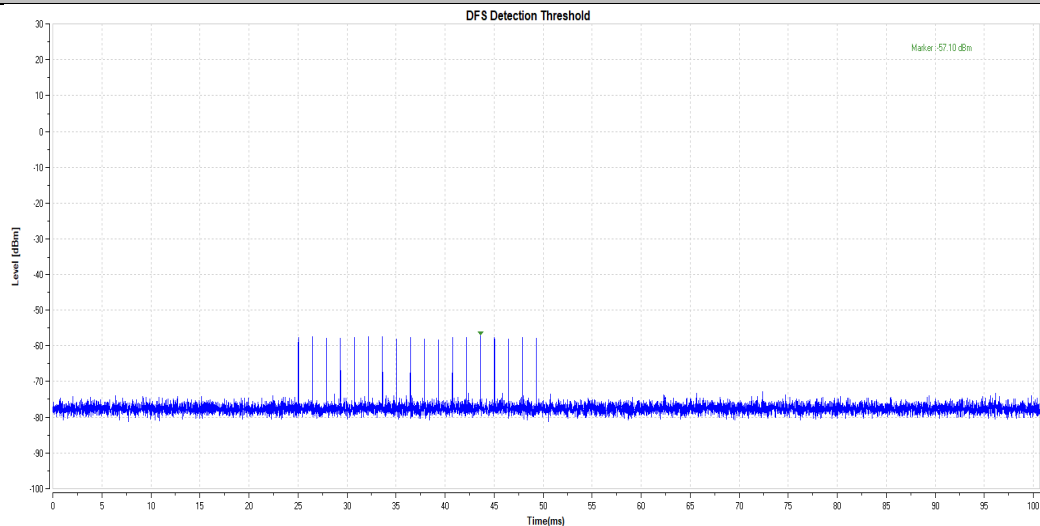
DFS Detection Thresholds

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-56.88	-56.70	PASS
11AC40SISO	5510	Type0	-57.10	-56.70	PASS

11A_5260_Type0



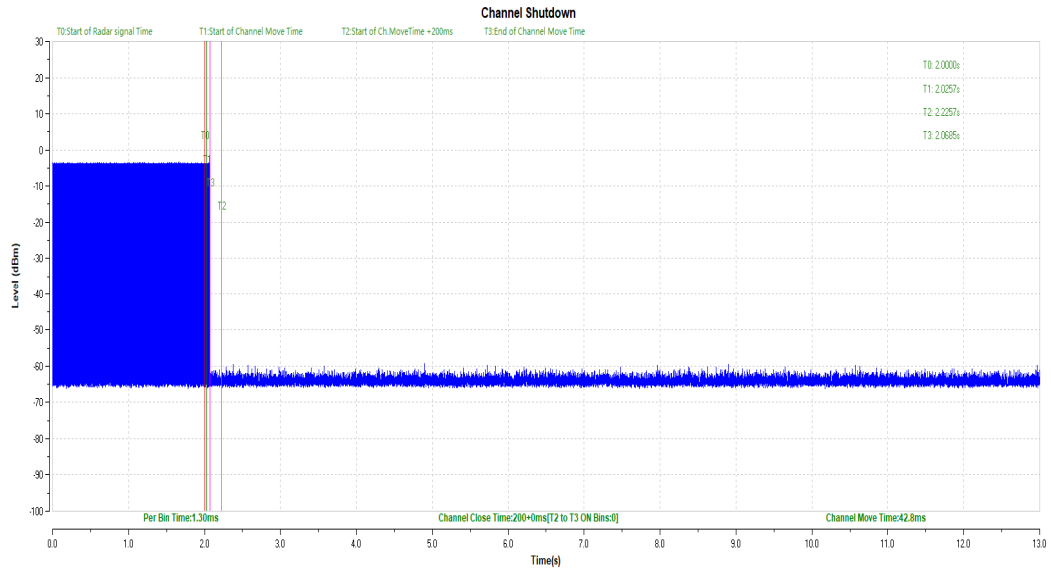
11AC40SISO_5510_Type0



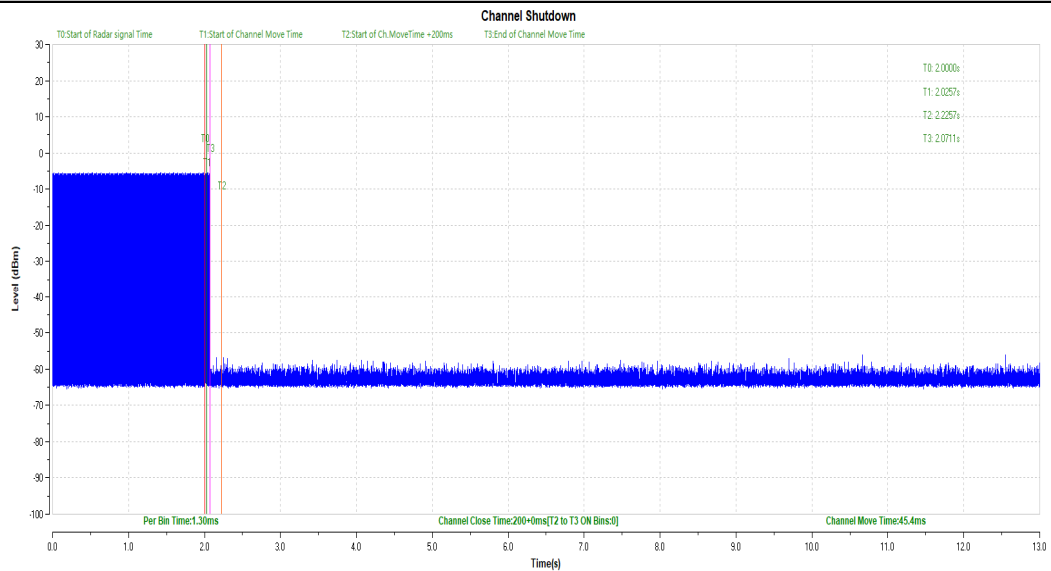
Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+0	200+60	42.8	10000	PASS
11AC40SISO	5510	200+0	200+60	45.4	10000	PASS

11A_5260



11AC40SISO_5510

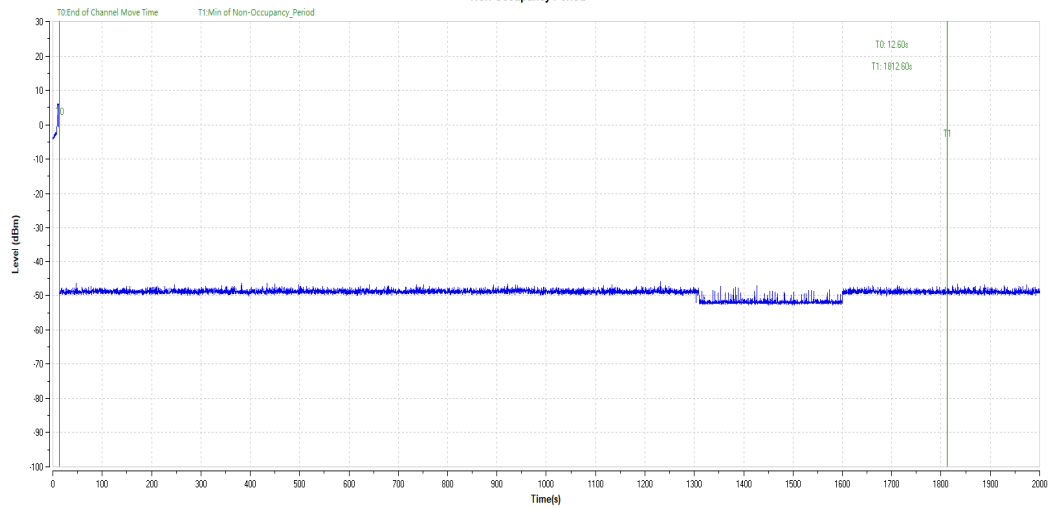


Non-Occupancy Period

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

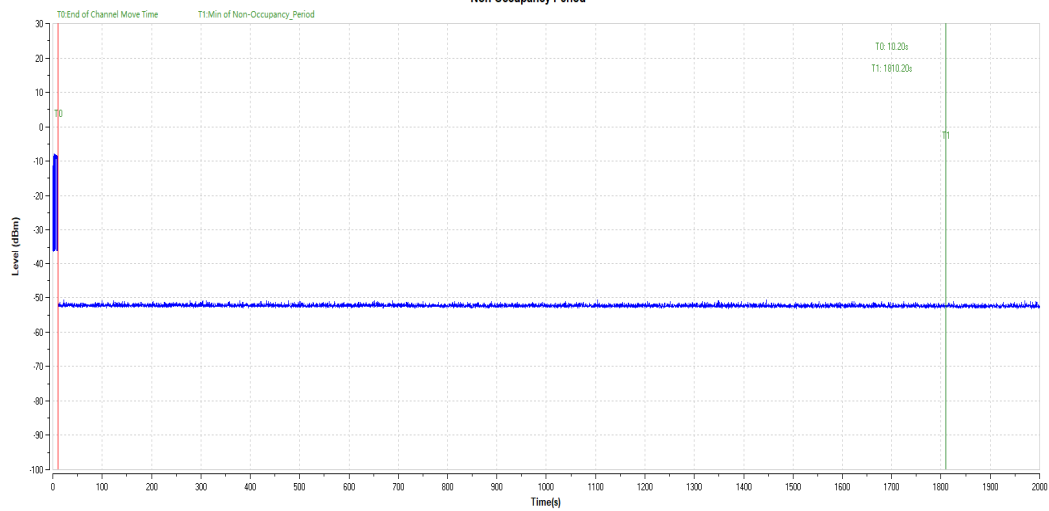
11A_5260

Non-Occupancy Period



11AC40SISO_5510

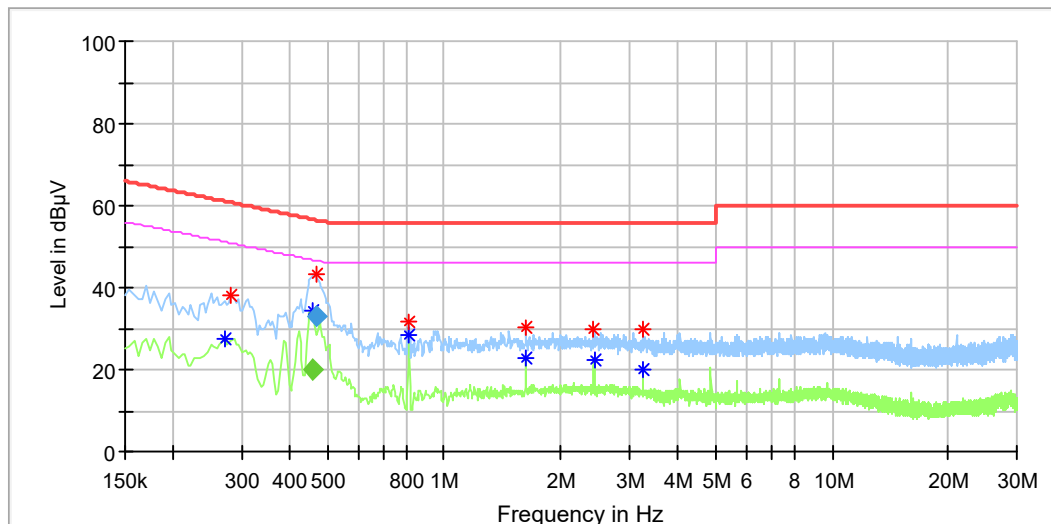
Non-Occupancy Period



Appendix A.10: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Robotic Vacuum Cleaner
Order Number: 168558370(P01973680)
Model: RRE0CPS
Test Mode: Charging + working
Test Voltage: AC 120V, 60Hz
Test Standard: FCC Part 15
Test By:/Review By: Leon Zhu / Murphy Chen
Tem./Hum./Pressure: 24.0°C/52.1%/101kPa
Remark: SR 3



Critical Freqs

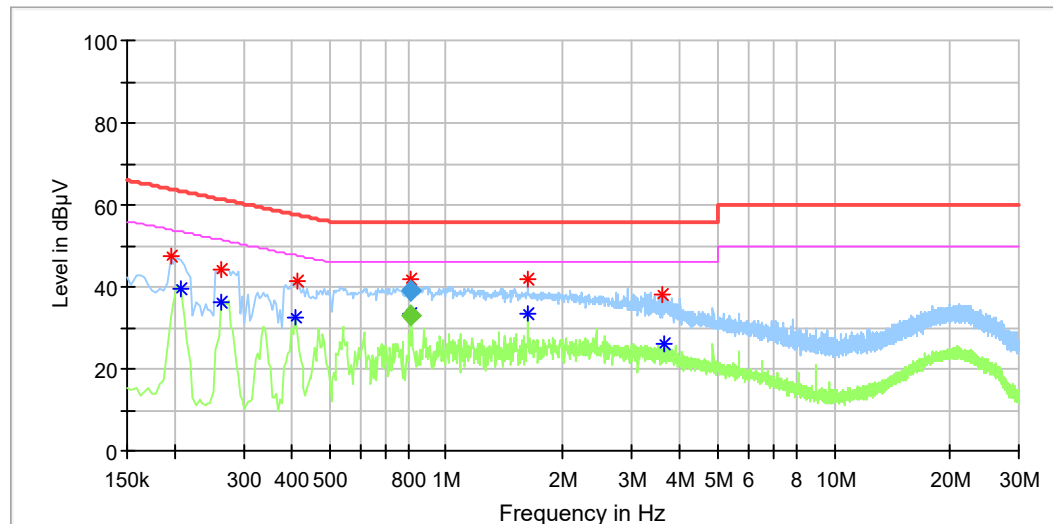
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.270	---	27.3	51.12	23.80	L1	9.6
0.282	38.2	---	60.76	22.54	L1	9.6
0.459	---	34.2	46.80	12.56	L1	9.5
0.470	43.5	---	56.59	13.10	L1	9.5
0.810	---	28.4	46.00	17.58	L1	9.7
0.810	31.9	---	56.00	24.14	L1	9.7
1.622	---	23.0	46.00	22.99	L1	9.6
1.622	30.4	---	56.00	25.64	L1	9.6
2.430	29.8	---	56.00	26.24	L1	9.6
2.434	---	22.4	46.00	23.63	L1	9.6
3.246	---	20.1	46.00	25.93	L1	9.6
3.246	29.9	---	56.00	26.08	L1	9.6

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.459	---	20.2	46.72	26.50	1000.0	9.0	L1	9.5
0.470	33.0	---	56.52	23.57	1000.0	9.0	L1	9.5

EUT Information

EUT Name: Robotic Vacuum Cleaner
Order Number: 168558370(P01973680)
Model: RRE0CPS
Test Mode: Charging + working
Test Voltage: AC 120V, 60Hz
Test Standard: FCC Part 15
Test By:/Review By: Leon Zhu / 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)
0.194	47.2	---	63.86	16.64	N	9.9
0.206	---	39.5	53.37	13.89	N	9.9
0.262	---	36.4	51.37	14.99	N	9.9
0.262	44.3	---	61.37	17.09	N	9.9
0.410	---	32.4	47.65	15.23	N	9.9
0.414	41.3	---	57.57	16.22	N	9.9
0.814	41.7	---	56.00	14.27	N	9.8
0.814	---	33.7	46.00	12.35	N	9.8
1.622	---	33.3	46.00	12.69	N	9.9
1.622	41.7	---	56.00	14.32	N	9.9
3.602	38.1	---	56.00	17.94	N	9.7
3.658	---	26.1	46.00	19.89	N	9.7

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.814	---	33.0	46.00	13.02	1000.0	9.0	N	9.8
0.814	39.2	---	56.00	16.81	1000.0	9.0	N	9.8