



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



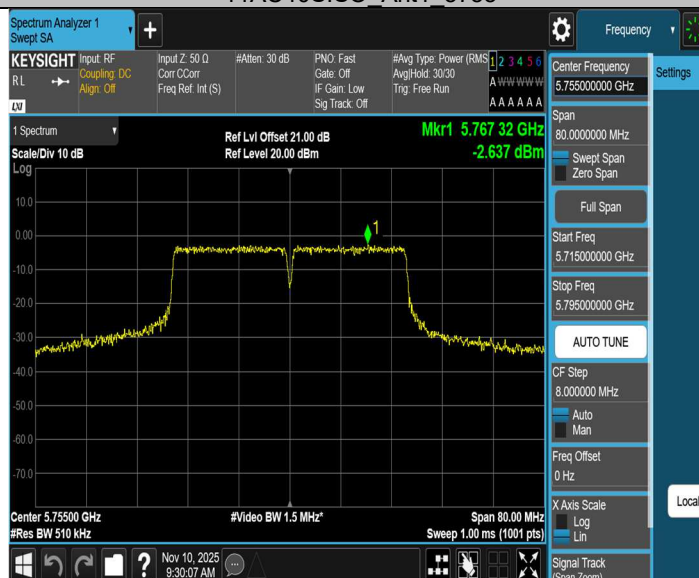
11AC40SISO_Ant1_5550



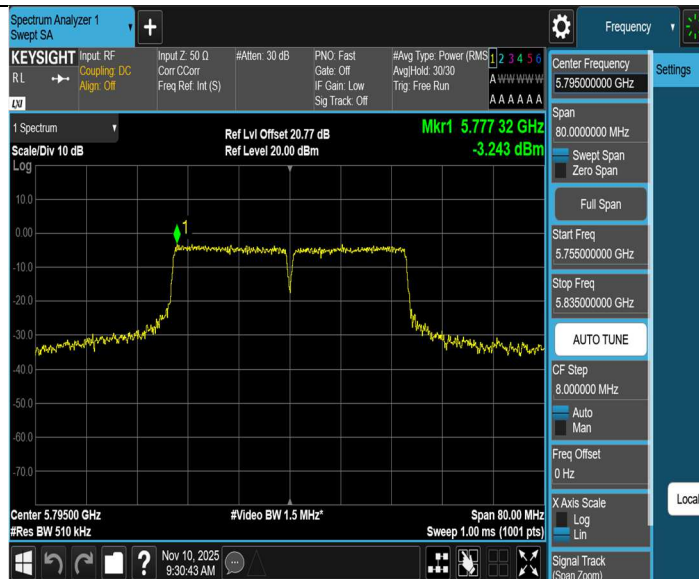
11AC40SISO_Ant1_5670



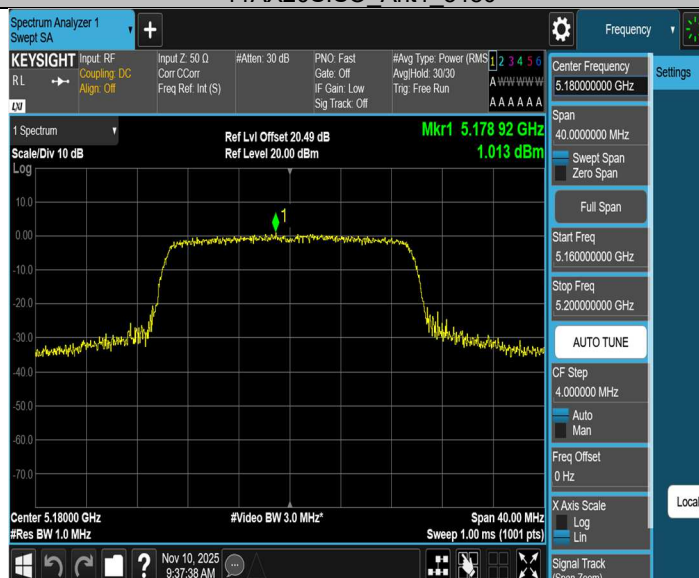
11AC40SISO_Ant1_5755



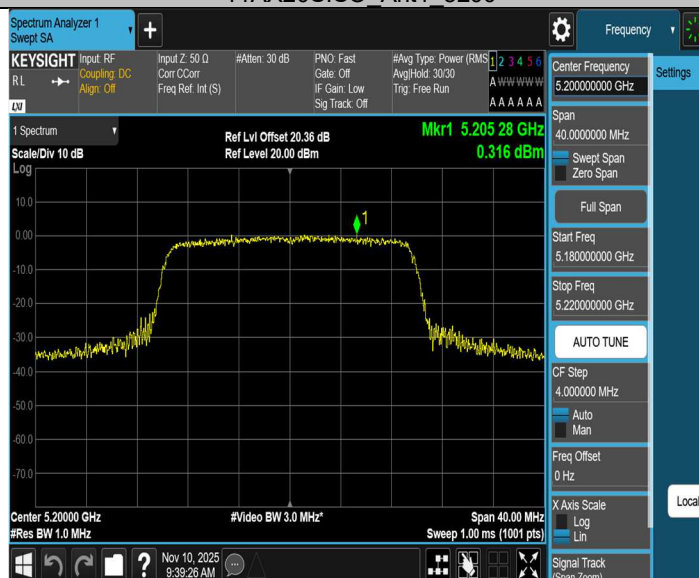
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



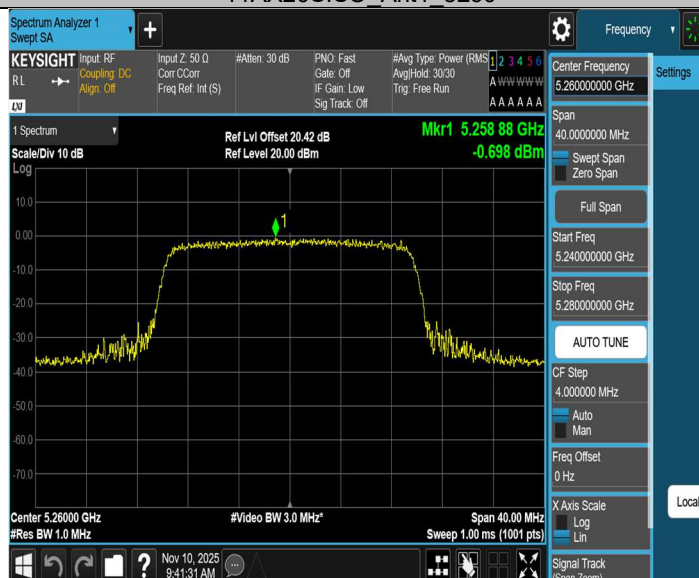
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



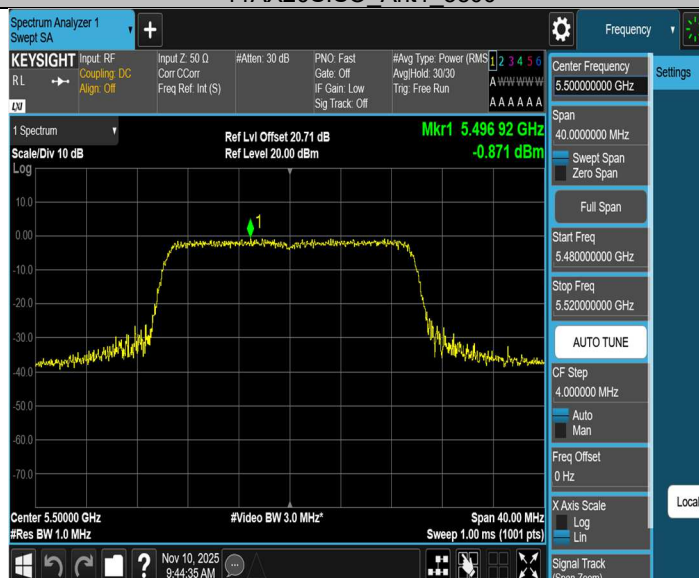
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



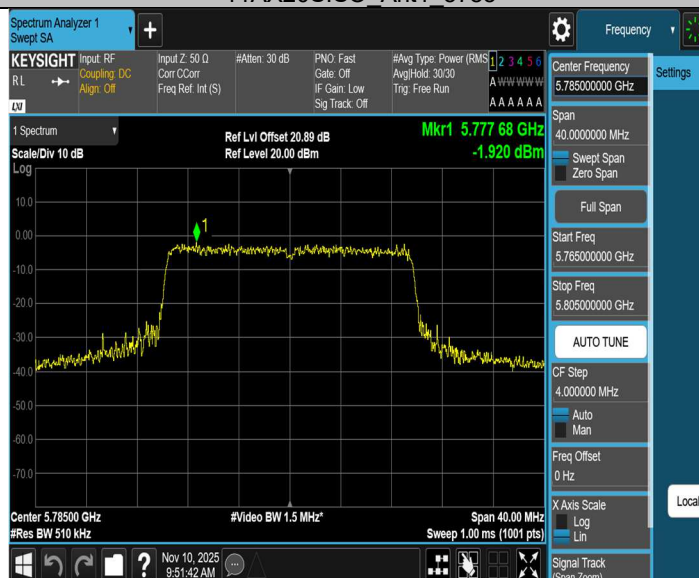
11AX20SISO_Ant1_5700



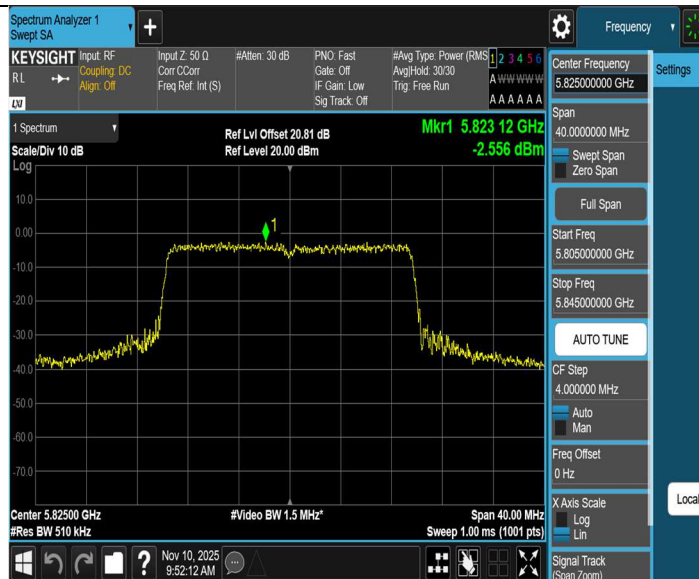
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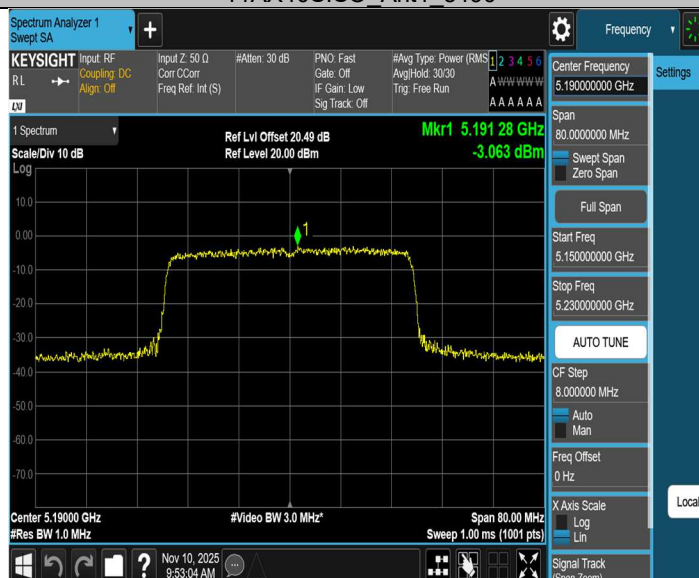
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



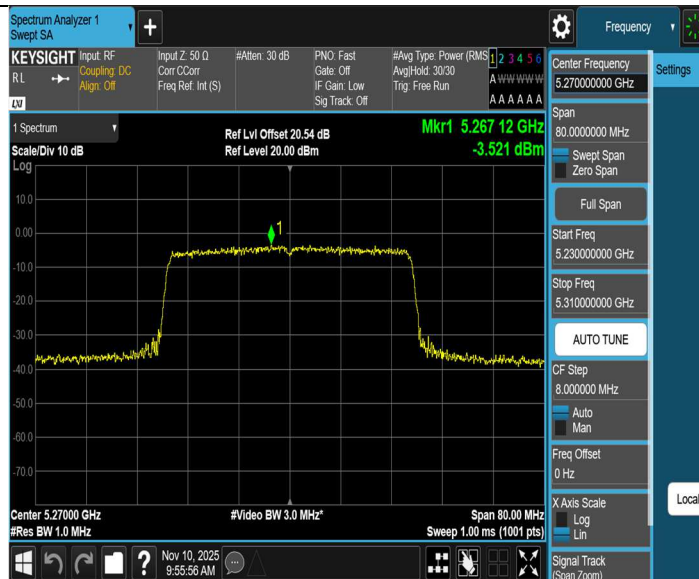
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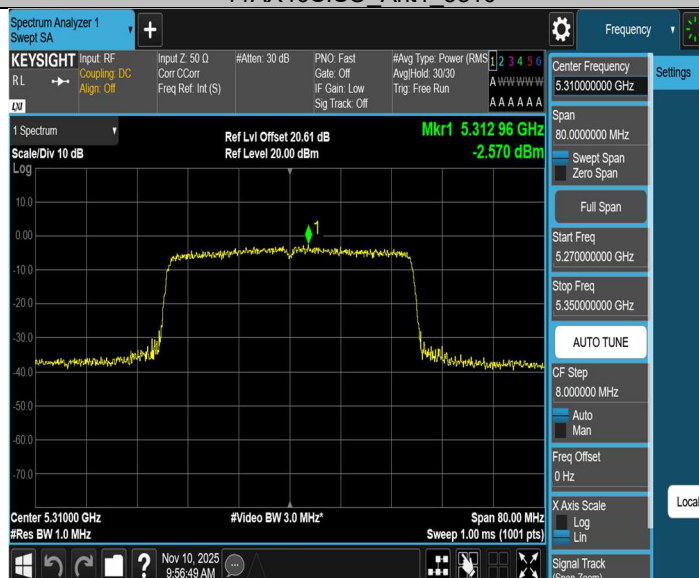
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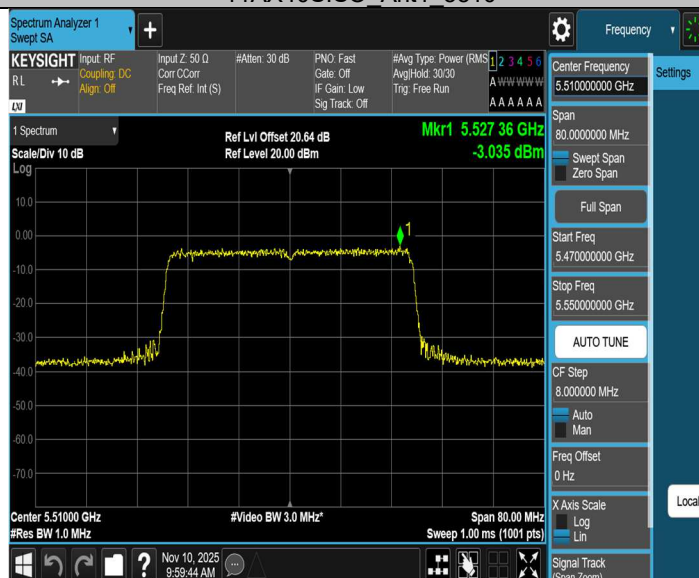
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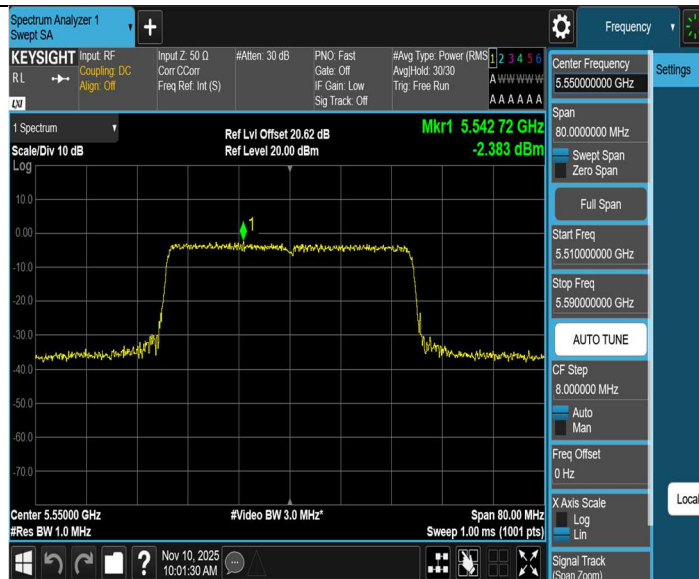
11AX40SISO_Ant1_5310



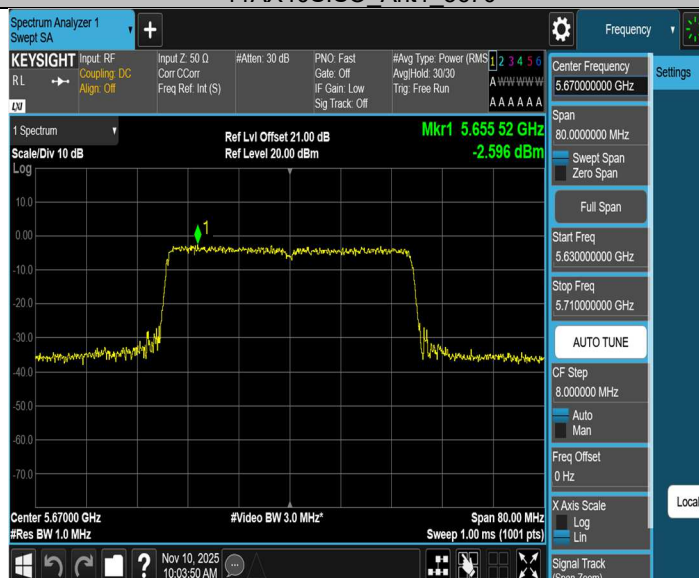
11AX40SISO_Ant1_5510



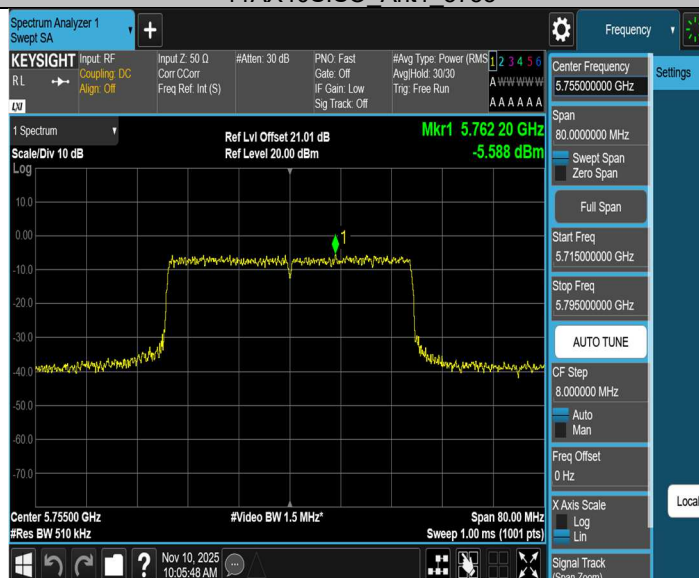
11AX40SISO_Ant1_5550



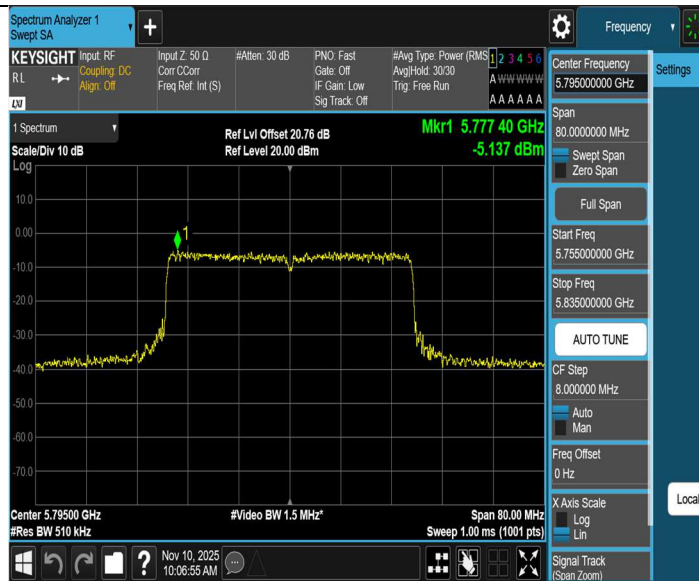
11AX40SISO_Ant1_5670



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	-11000.00	-2.123552	20	PASS
		5200	NV	NT	-9500.00	-1.826923	20	PASS
		5240	NV	NT	-10000.00	-1.908397	20	PASS
		5260	NV	NT	-9000.00	-1.711027	20	PASS
		5280	NV	NT	-9000.00	-1.704545	20	PASS
		5320	NV	NT	-9500.00	-1.785714	20	PASS
		5500	NV	NT	-10000.00	-1.818182	20	PASS
		5580	NV	NT	-10500.00	-1.881720	20	PASS
		5700	NV	NT	-10500.00	-1.842105	20	PASS
		5745	NV	NT	-11000.00	-1.914708	20	PASS
		5785	NV	NT	-10500.00	-1.815039	20	PASS
		5825	NV	NT	-11000.00	-1.888412	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20SIS O	Ant1	5180	NV	0	-10500.00	-2.027027	20	PASS
			NV	40	-10500.00	-2.027027	20	PASS
		5200	NV	0	-9500.00	-1.826923	20	PASS
			NV	40	-9000.00	-1.730769	20	PASS
		5240	NV	0	-9500.00	-1.812977	20	PASS
			NV	40	-10000.00	-1.908397	20	PASS
		5260	NV	0	-10000.00	-1.901141	20	PASS
			NV	40	-9000.00	-1.711027	20	PASS
		5280	NV	0	-9000.00	-1.704545	20	PASS
			NV	40	-9000.00	-1.704545	20	PASS
		5320	NV	0	-9500.00	-1.785714	20	PASS
			NV	40	-9500.00	-1.785714	20	PASS
		5500	NV	0	-10000.00	-1.818182	20	PASS
			NV	40	-10000.00	-1.818182	20	PASS
		5580	NV	0	-10500.00	-1.881720	20	PASS
			NV	40	-10500.00	-1.881720	20	PASS
		5700	NV	0	-10500.00	-1.842105	20	PASS
			NV	40	-11000.00	-1.929825	20	PASS
		5745	NV	0	-10500.00	-1.827676	20	PASS
			NV	40	-10000.00	-1.740644	20	PASS
		5785	NV	0	-11000.00	-1.901469	20	PASS
			NV	40	-10500.00	-1.815039	20	PASS
		5825	NV	0	-11000.00	-1.888412	20	PASS
			NV	40	-11000.00	-1.888412	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

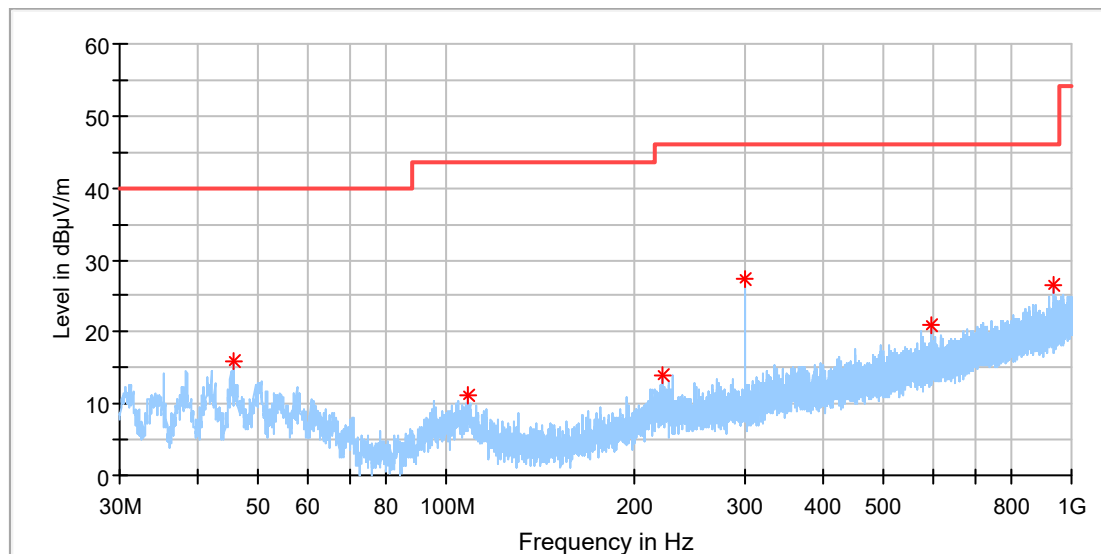
Note:

- 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/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

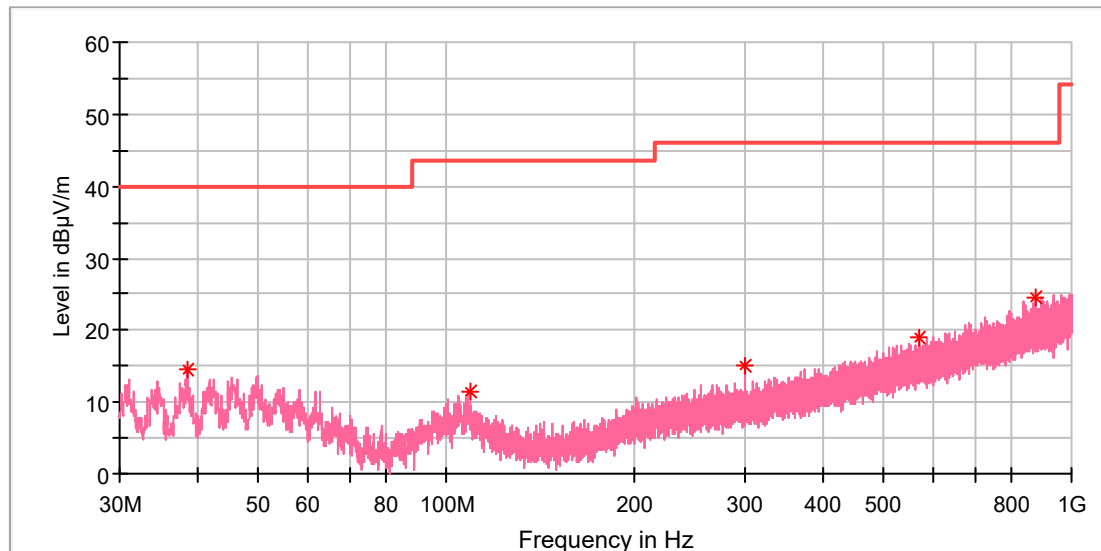
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.669231	15.92	40.00	24.08	100.0	H	99.0	-18.8
108.383462	11.19	43.50	32.31	100.0	H	99.0	-19.1
222.060000	13.96	46.00	32.04	100.0	H	91.0	-18.5
299.995769	27.31	46.00	18.69	100.0	H	0.0	-16.3
598.308077	21.05	46.00	24.95	100.0	H	157.0	-9.7
938.442308	26.45	46.00	19.55	100.0	H	91.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (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_Ch48
Order No/Sample No: 168580092/A004126573-002
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)
38.543462	14.38	40.00	25.62	100.0	V	165.0	-20.6
108.793846	11.51	43.50	31.99	100.0	V	283.0	-19.1
300.033077	14.94	46.00	31.06	100.0	V	299.0	-16.3
568.835000	19.10	46.00	26.90	100.0	V	13.0	-10.4
874.683462	24.66	46.00	21.34	100.0	V	67.0	-5.1

Final Result

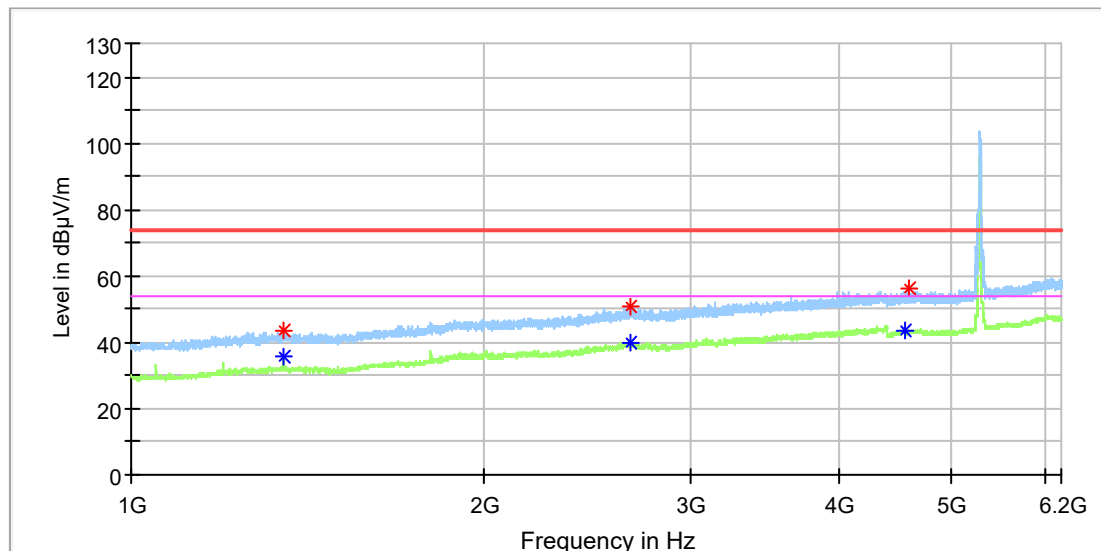
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr (dB/m)
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U-NII-2A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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

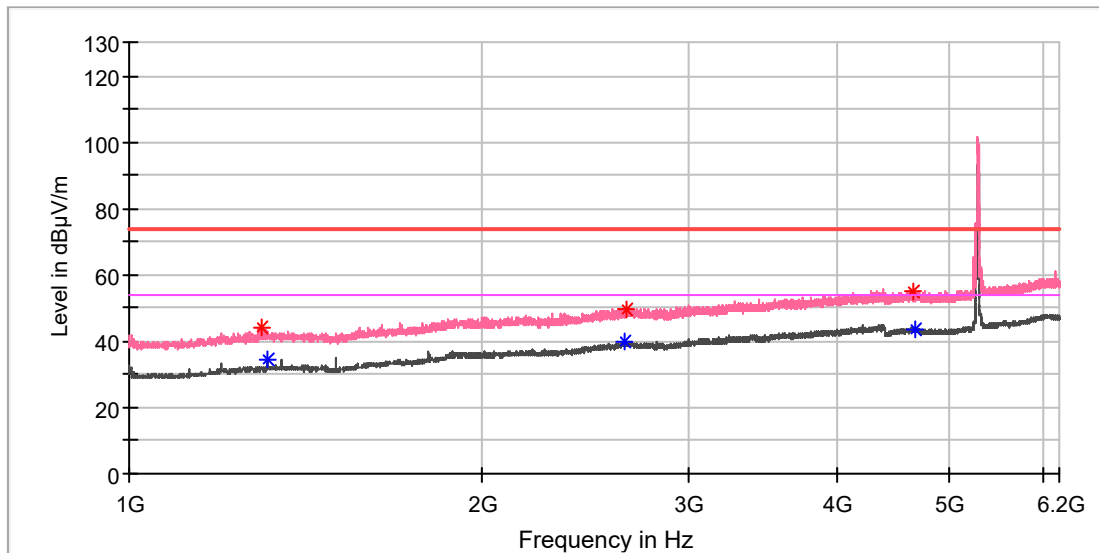
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1349.500000	43.63	---	74.00	30.37	150.0	H	341.0	3.1
1350.000000	---	35.86	54.00	18.14	150.0	H	298.0	3.1
2658.500000	---	39.71	54.00	14.29	150.0	H	198.0	10.2
2666.500000	50.68	---	74.00	23.32	150.0	H	305.0	10.2
4563.500000	---	43.57	54.00	10.43	150.0	H	3.0	13.5
4590.000000	56.14	---	74.00	17.86	150.0	H	63.0	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:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168580092/A004126573-002
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)
1297.500000	43.94	---	74.00	30.06	150.0	V	275.0	2.7
1312.500000	---	34.74	54.00	19.26	150.0	V	241.0	2.8
2646.000000	---	39.71	54.00	14.29	150.0	V	232.0	10.1
2649.000000	49.88	---	74.00	24.13	150.0	V	241.0	10.1
4646.500000	55.00	---	74.00	19.00	150.0	V	21.0	13.5
4675.000000	---	43.68	54.00	10.32	150.0	V	173.0	13.5

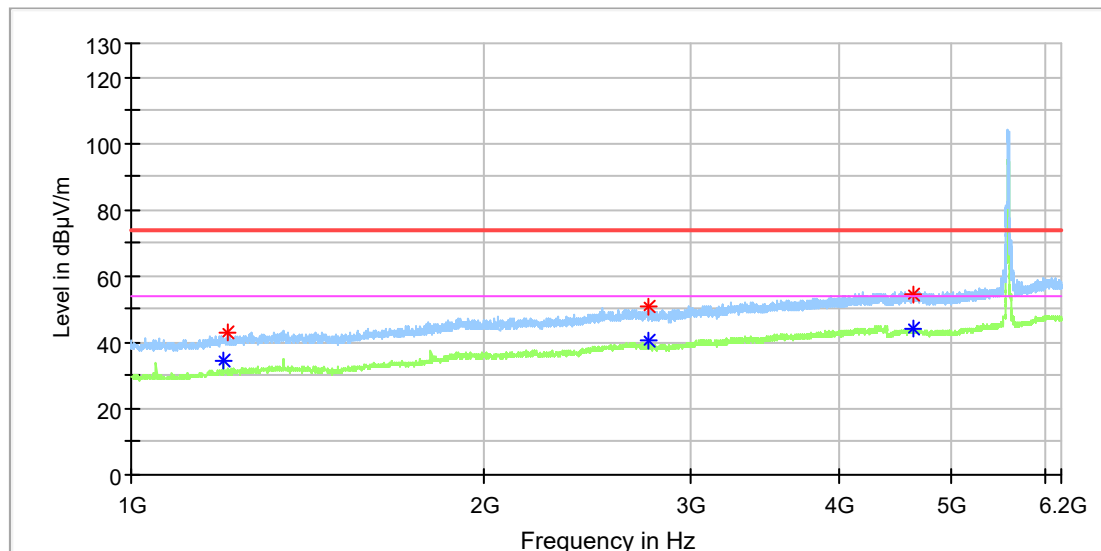
Final_Result

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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U-NII-2C Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168580092/A004126573-002
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)
1200.000000	---	34.69	54.00	19.31	150.0	H	297.0	1.8
1206.500000	42.99	---	74.00	31.01	150.0	H	340.0	1.9
2759.500000	50.65	---	74.00	23.35	150.0	H	121.0	9.8
2763.000000	---	40.44	54.00	13.56	150.0	H	279.0	9.8
4635.000000	---	43.96	54.00	10.04	150.0	H	190.0	13.5
4637.500000	54.66	---	74.00	19.34	150.0	H	343.0	13.5

Final Result

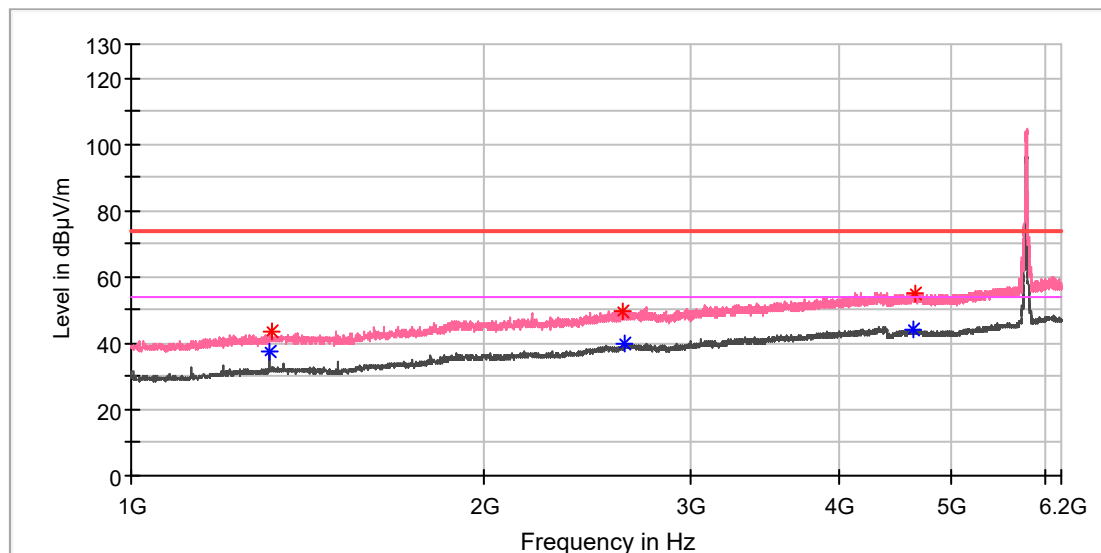
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency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

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168580092/A004126573-002
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	---	37.60	54.00	16.40	150.0	V	282.0	2.8
1317.000000	43.41	---	74.00	30.59	150.0	V	141.0	2.9
2621.000000	49.62	---	74.00	24.38	150.0	V	222.0	9.8
2627.500000	---	39.97	54.00	14.03	150.0	V	173.0	9.9
4627.500000	---	44.41	54.00	9.59	150.0	V	79.0	13.5
4648.500000	55.08	---	74.00	18.92	150.0	V	40.0	13.5

Final_Result

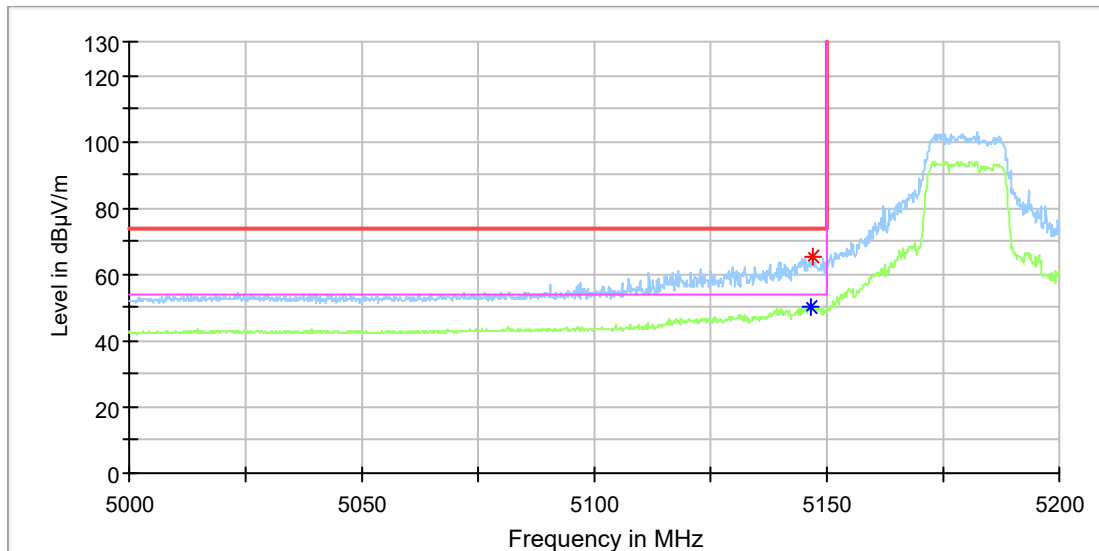
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

U-NII-1 Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168580092/A004126573-002
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)
5146.450000	---	50.48	54.00	3.52	150.0	H	213.0	13.9
5146.933333	65.19	---	74.00	8.81	150.0	H	219.0	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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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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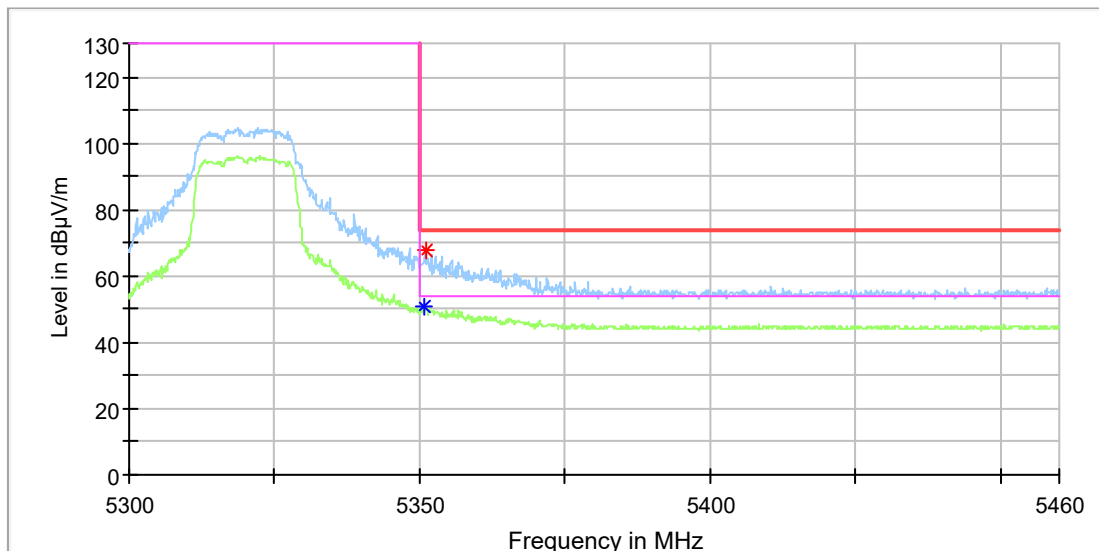
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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U-NII-2A Band

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

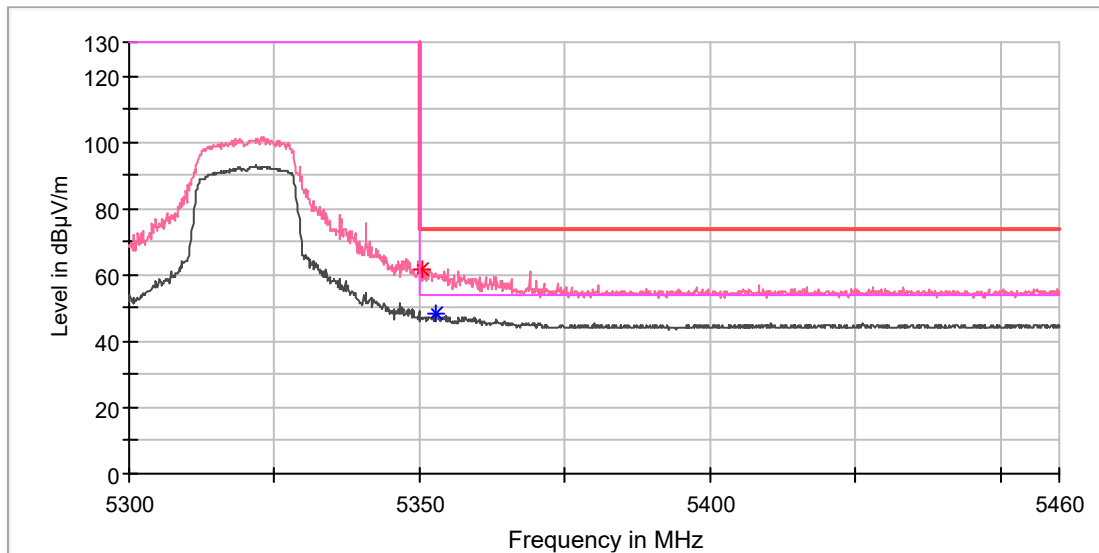
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.750000	---	50.60	54.00	3.41	150.0	H	227.0	14.8
5350.877778	67.42	---	74.00	6.58	150.0	H	203.0	14.8

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_11a_Ch64
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

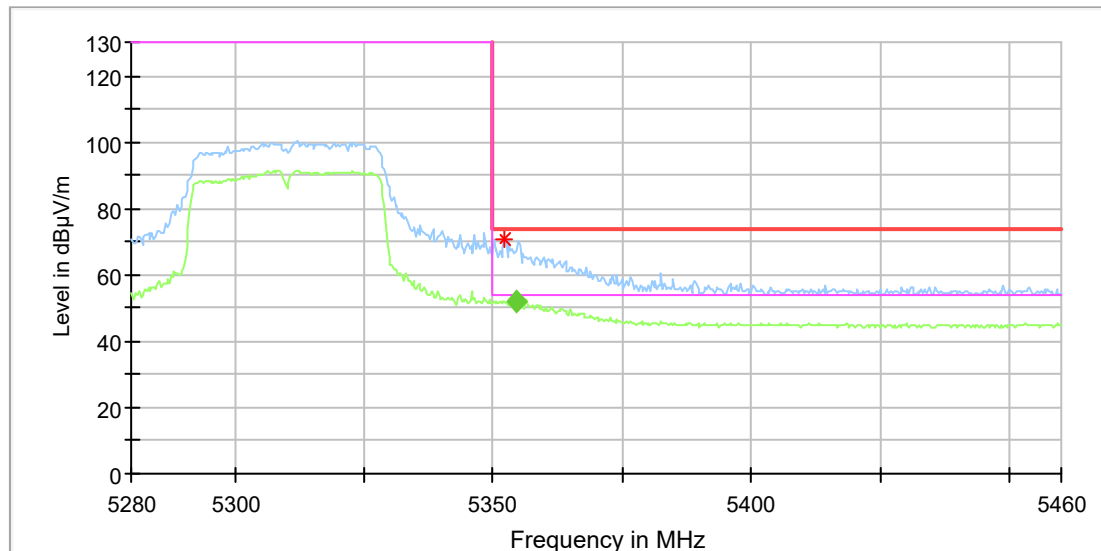
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.238889	61.56	---	74.00	12.44	150.0	V	195.0	14.8
5352.794445	---	48.36	54.00	5.64	150.0	V	184.0	14.8

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/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

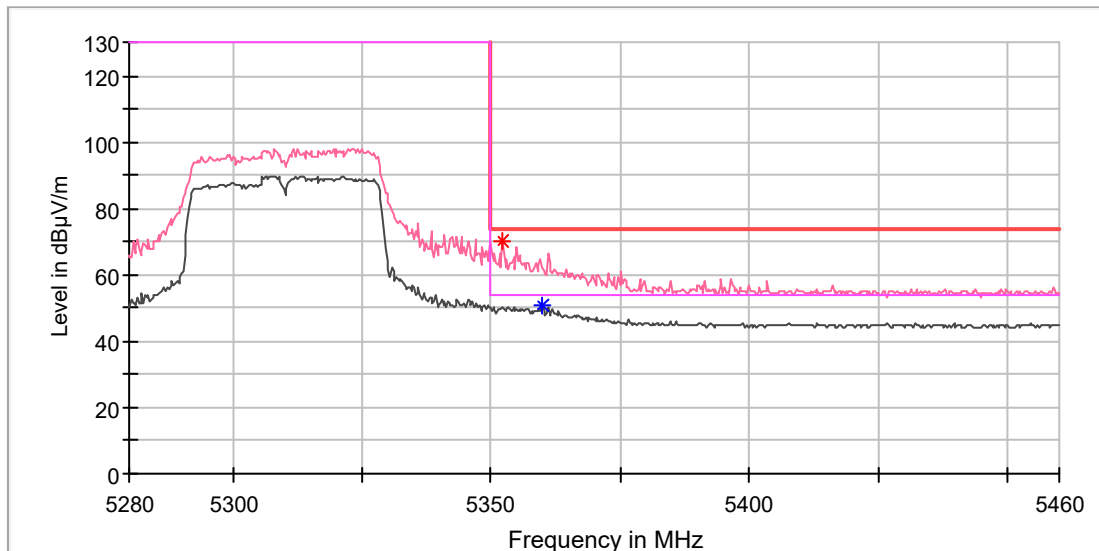
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.233333	70.74	---	74.00	3.26	150.0	H	113.0	14.8

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5354.588889	---	51.89	54.00	2.11	150.0	H	143.0	14.8

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0VES
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	168580092/A004126573-002
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)
5352.233333	69.97	---	74.00	4.03	150.0	V	93.0	14.8
5359.888889	---	50.91	54.00	3.09	150.0	V	93.0	14.8

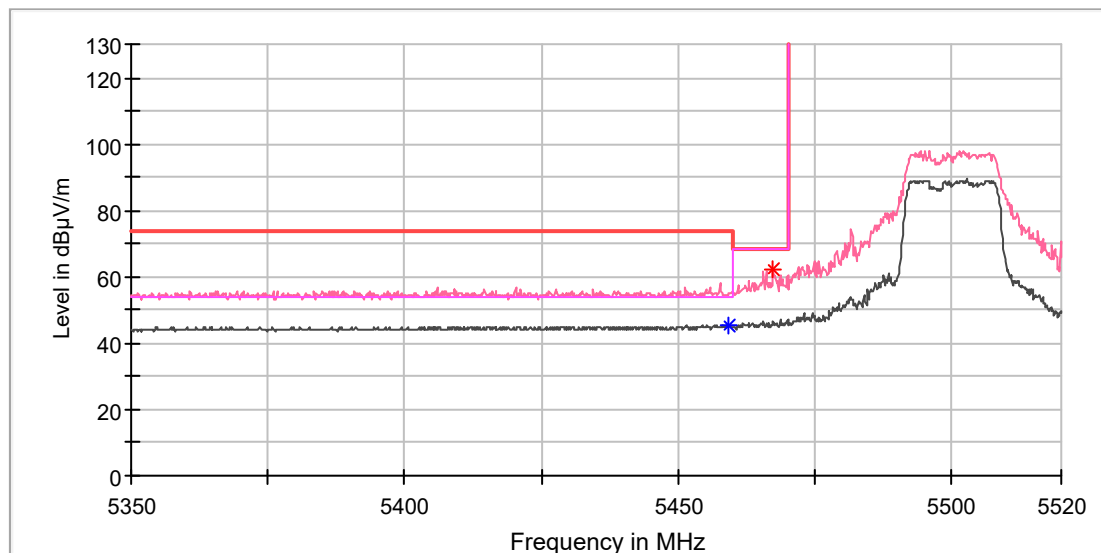
Final Result

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

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_Ch100
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

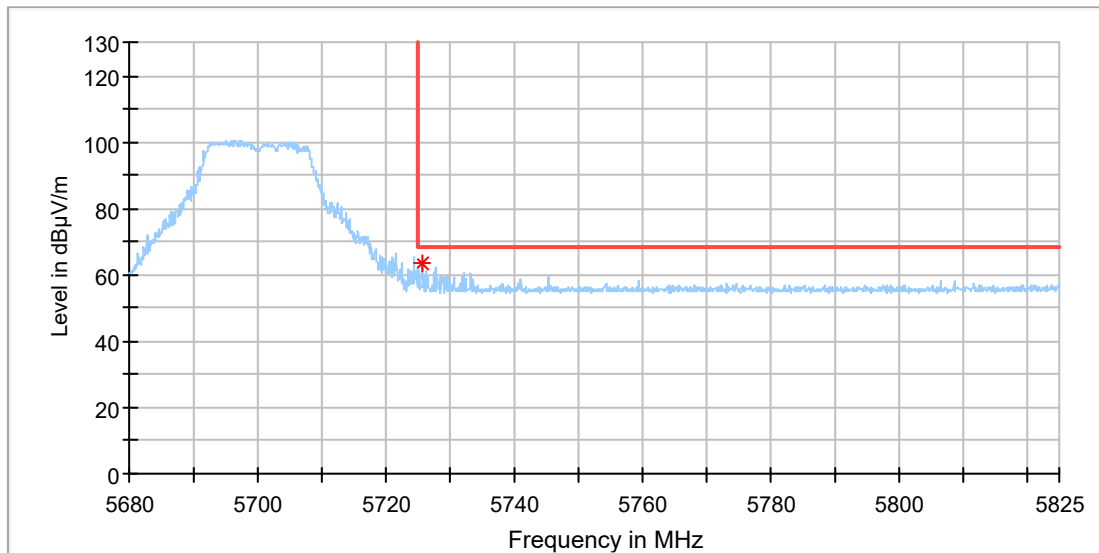
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.333333	---	45.18	54.00	8.82	150.0	V	147.0	15.1
5467.333333	62.22	---	68.20	5.98	150.0	V	141.0	15.1

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: RRE0VES
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

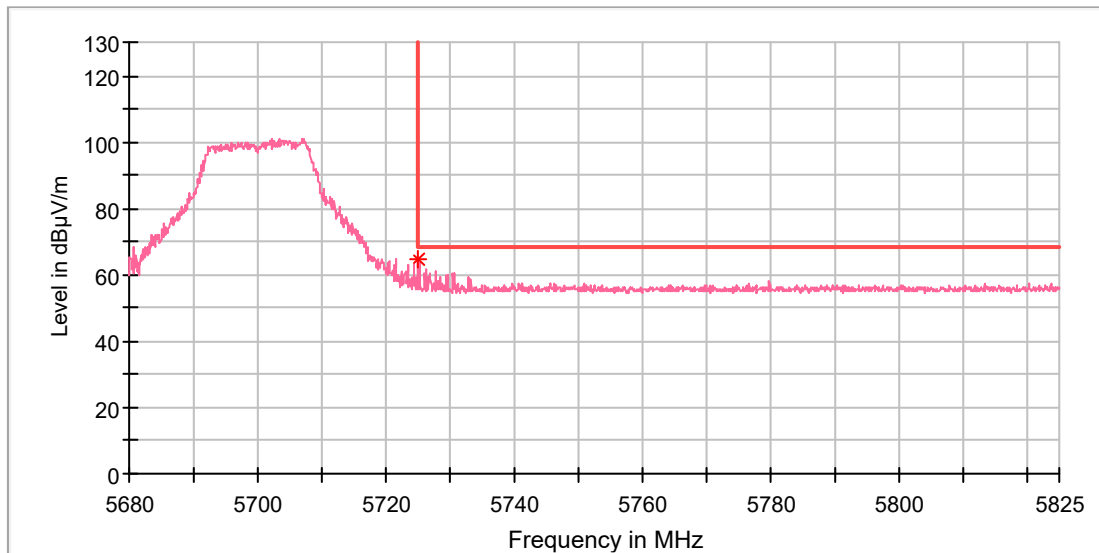
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.620833	63.41	68.20	4.79	150.0	H	255.0	15.4

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_Ch40
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

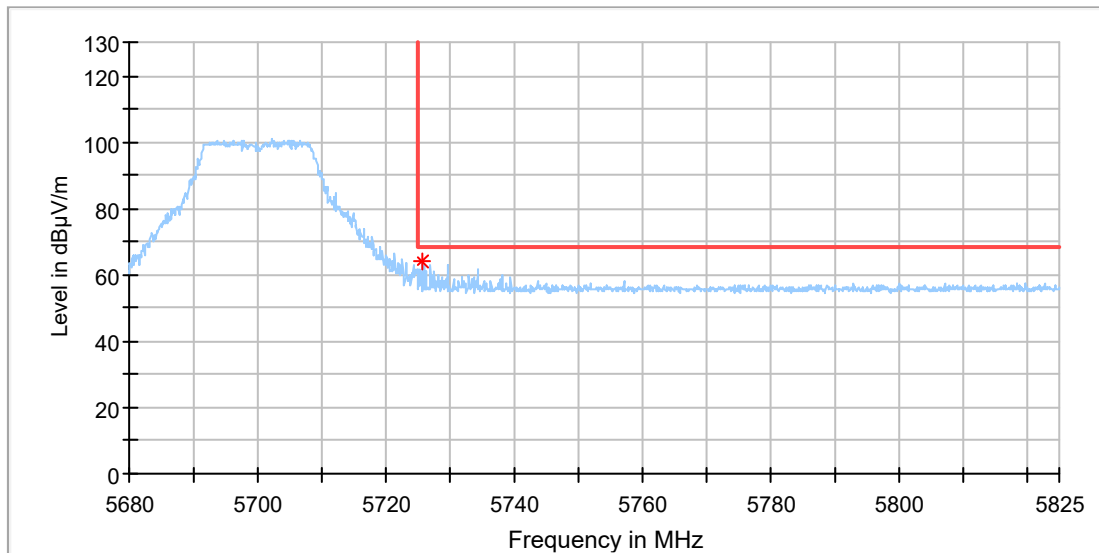
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.045833	64.42	68.20	3.78	150.0	V	308.0	15.4

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_11n20_Ch140
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

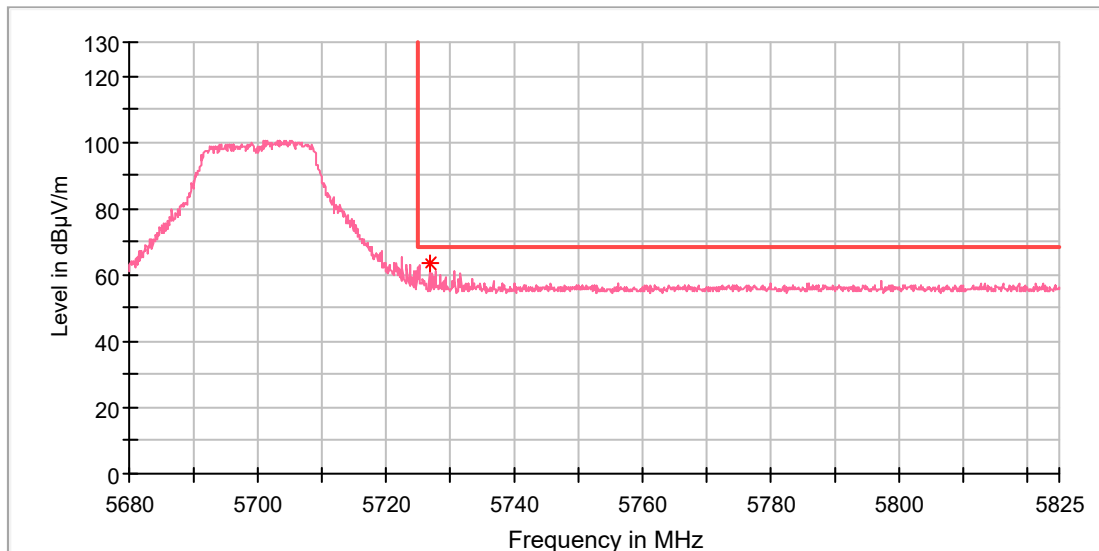
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.716667	64.20	68.20	4.00	150.0	H	196.0	15.4

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_11n20_Ch140
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

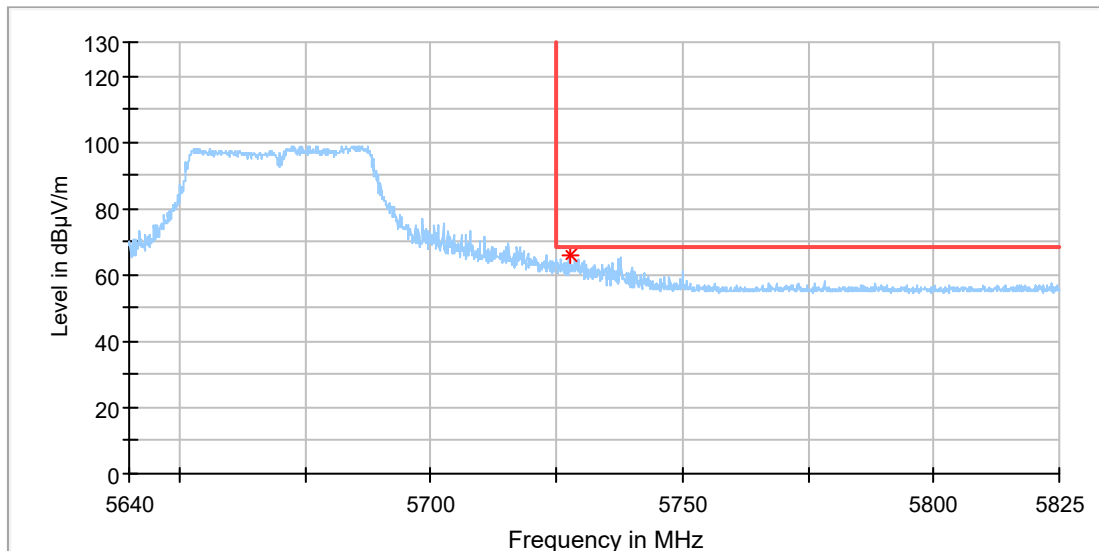
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.866667	63.49	68.20	4.71	150.0	V	195.0	15.4

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/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

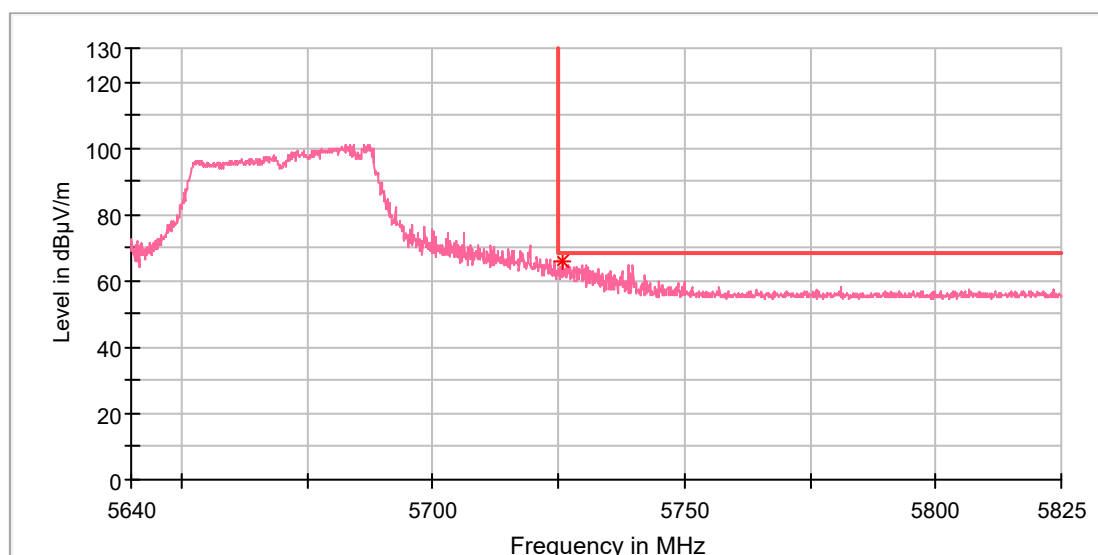
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5727.537500	65.95	68.20	2.25	150.0	H	165.0	15.4

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_11n40_Ch134
Order No/Sample No: 168580092/A004126573-002
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)
5725.812500	66.01	68.20	2.19	150.0	V	87.0	15.4

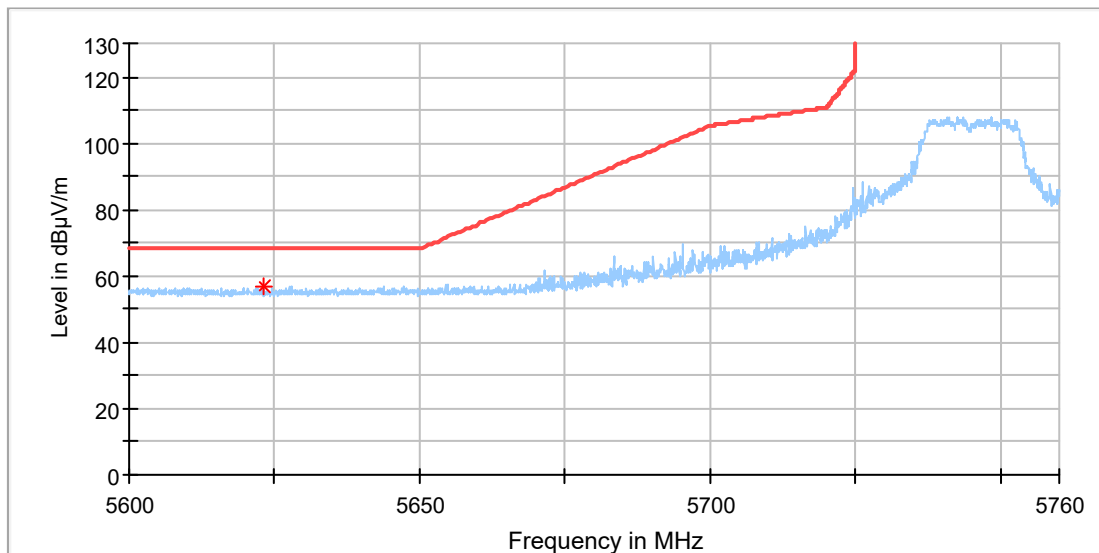
Final_Result

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:	RRE0VES
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

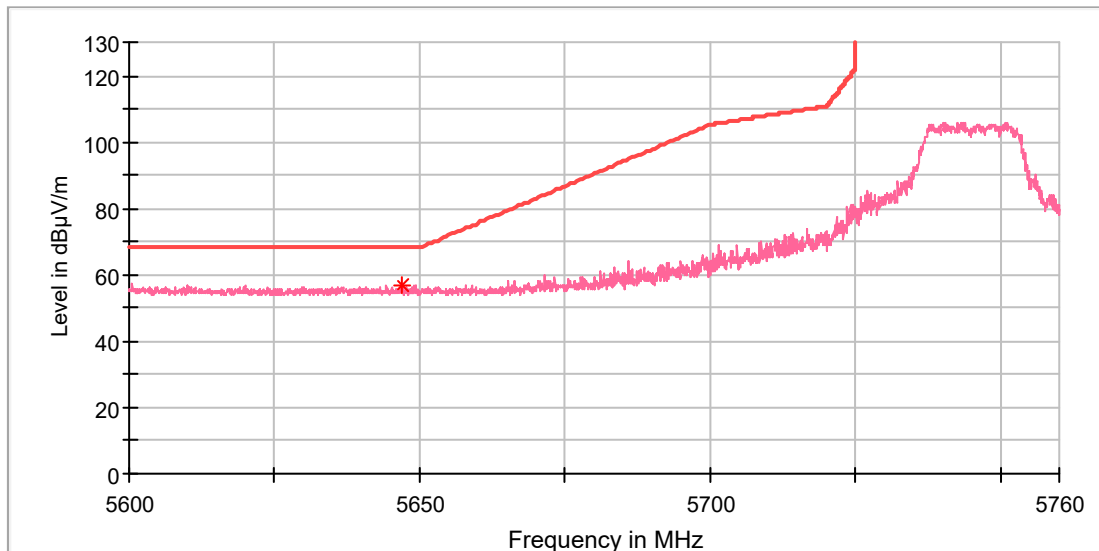
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5623.038889	56.73	68.20	11.47	150.0	H	290.0	15.3

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/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

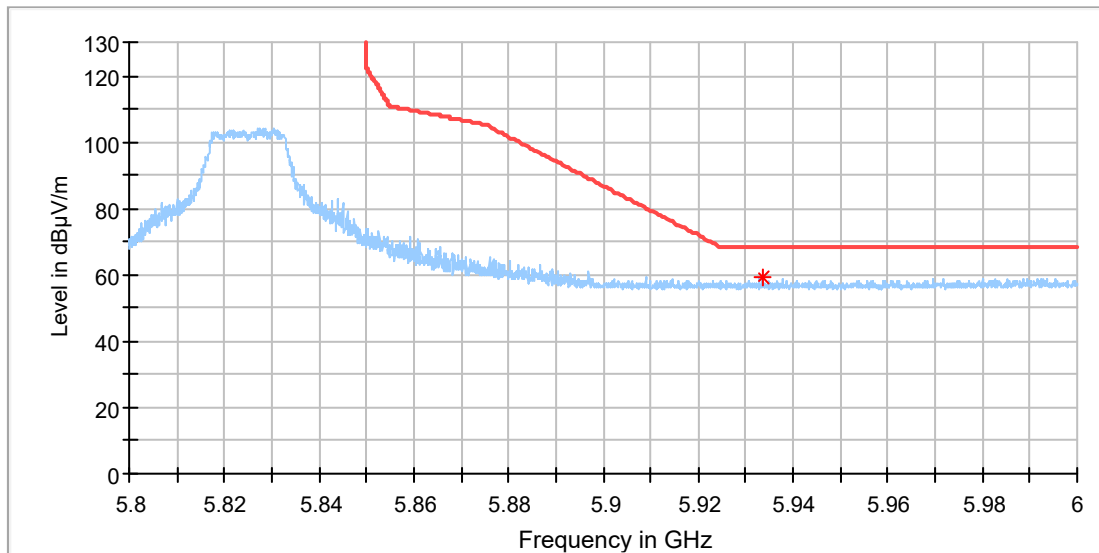
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.055556	56.77	68.20	11.43	150.0	V	341.0	15.3

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/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

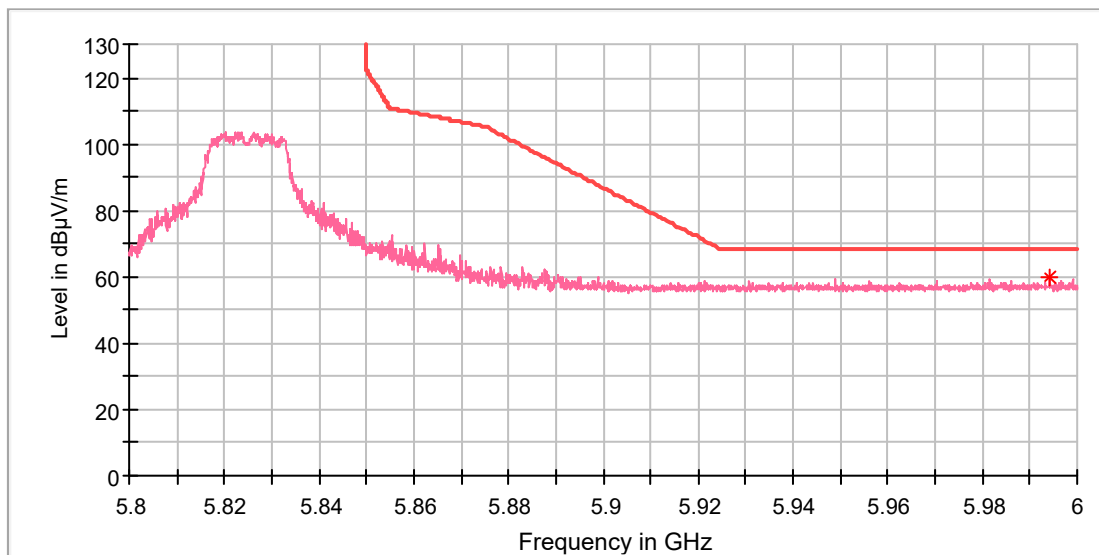
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5933.465278	59.53	68.20	8.67	150.0	H	101.0	16.2

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_11a_Ch165
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

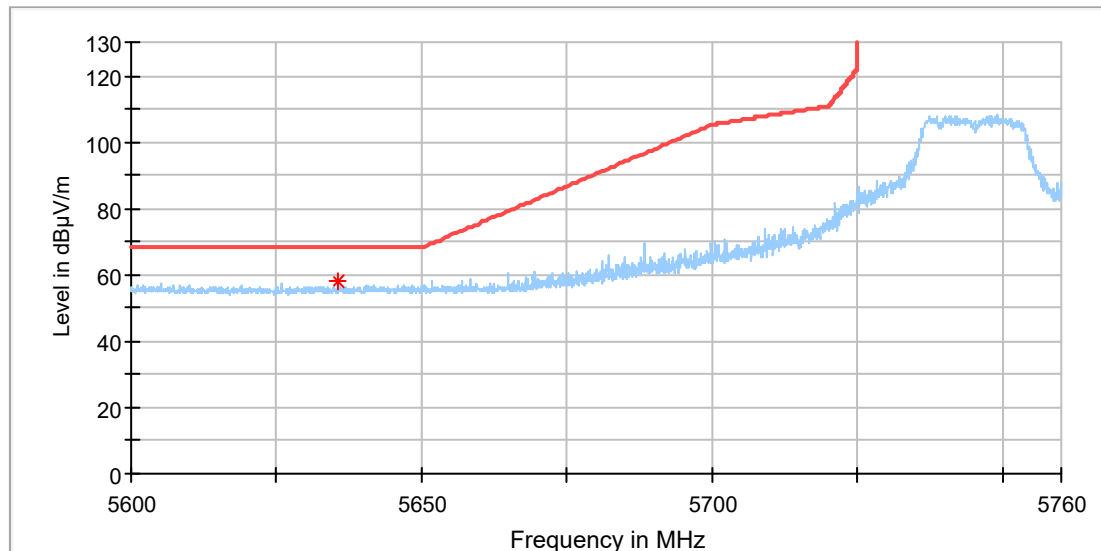
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5994.118056	59.63	68.20	8.57	150.0	V	202.0	16.5

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_11n20_Ch149
Order No/Sample No:	168580092/A004126573-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

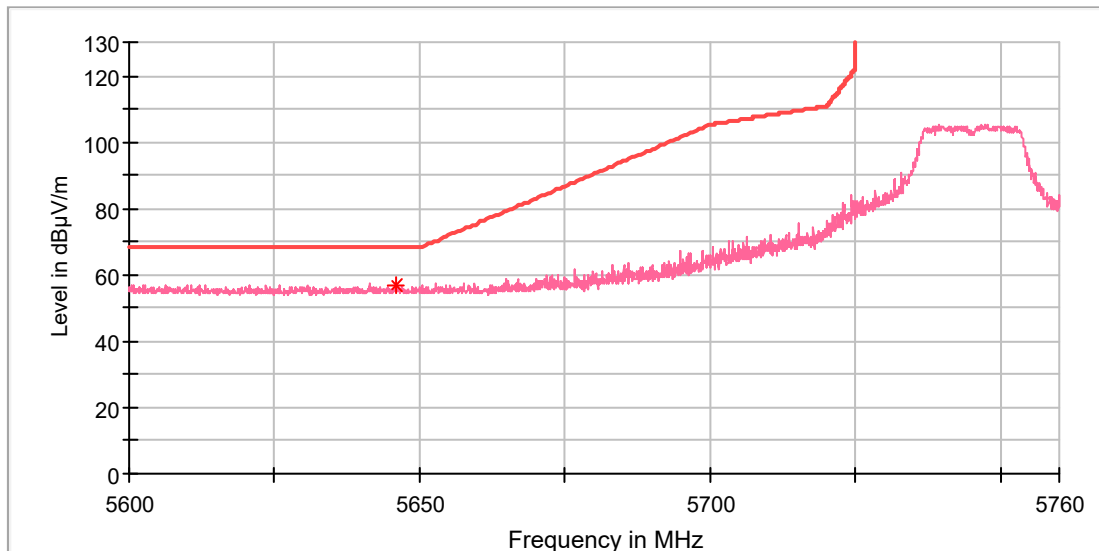
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.688889	57.79	68.20	10.41	150.0	H	94.0	15.3

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_11n20_Ch149
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

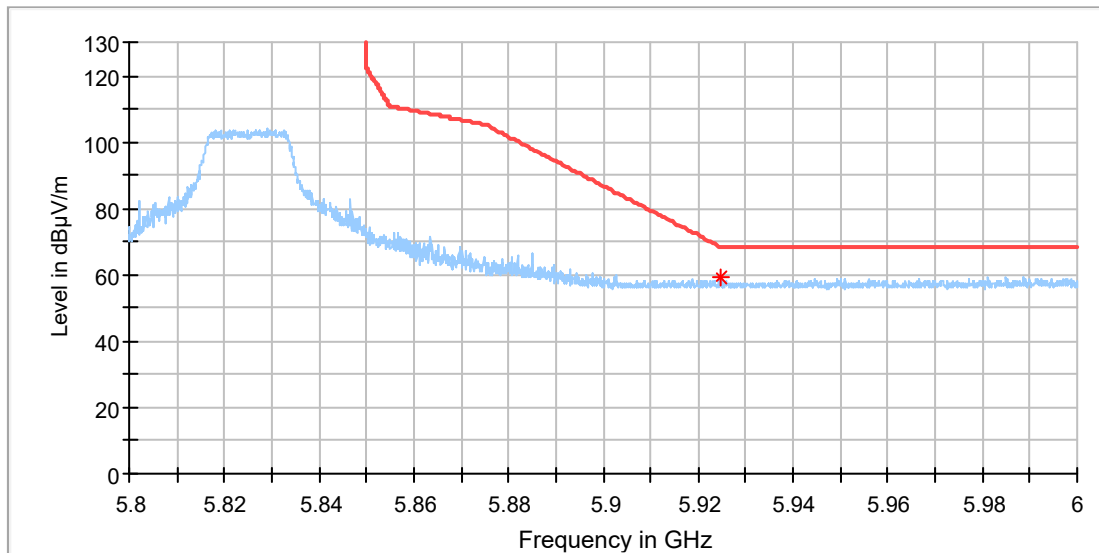
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5645.894445	56.83	68.20	11.37	150.0	V	203.0	15.3

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: RRE0VES
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

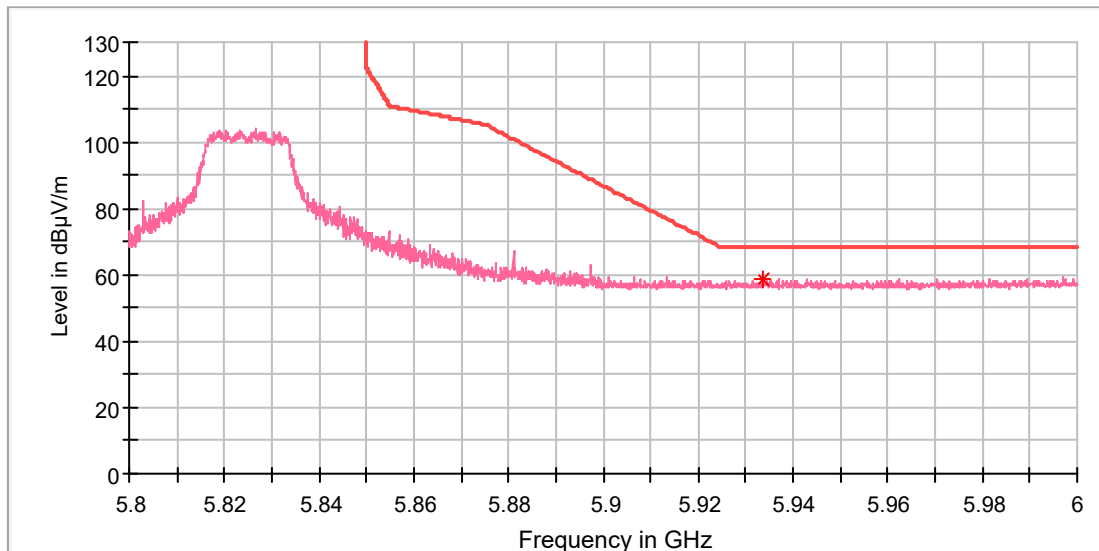
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.833333	59.13	68.32	9.20	150.0	H	119.0	16.1

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0VES
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

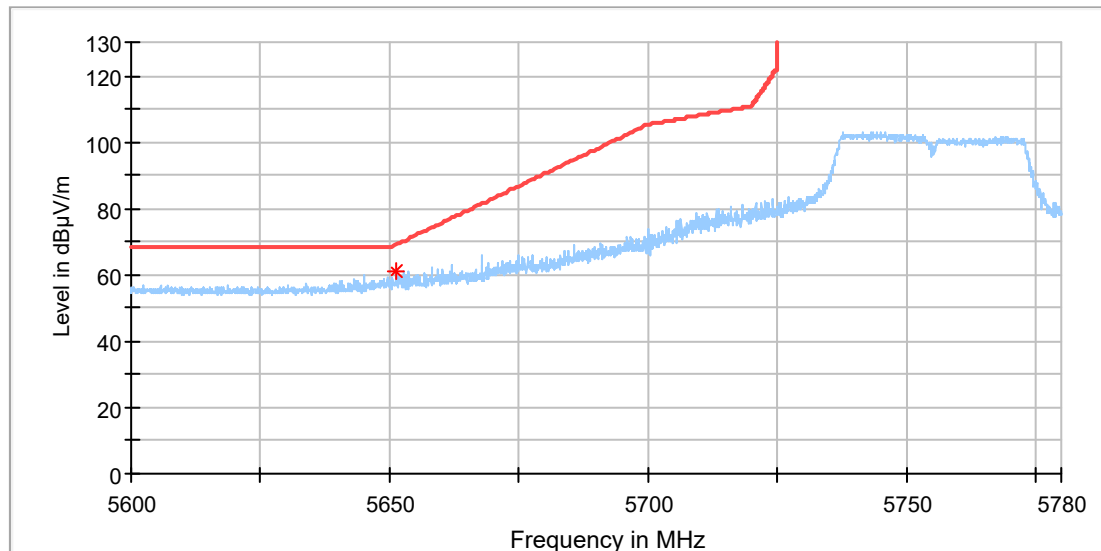
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5933.541667	58.40	68.20	9.80	150.0	V	185.0	16.2

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/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

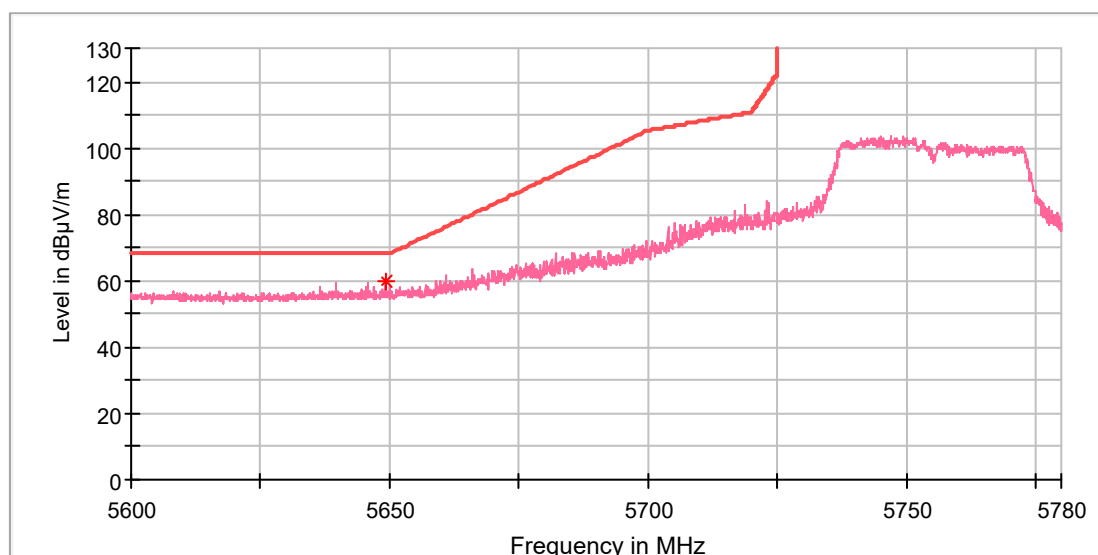
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5651.088889	61.15	69.01	7.86	150.0	H	150.0	15.3

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: RRE0VES
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

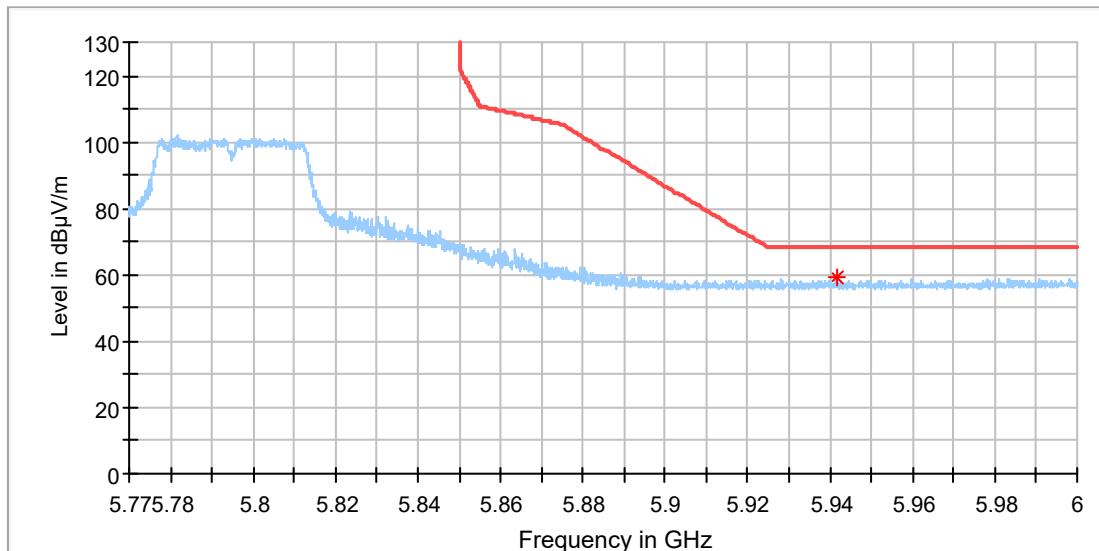
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.133333	59.83	68.20	8.37	150.0	V	125.0	15.3

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: RRE0VES
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168580092/A004126573-002
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

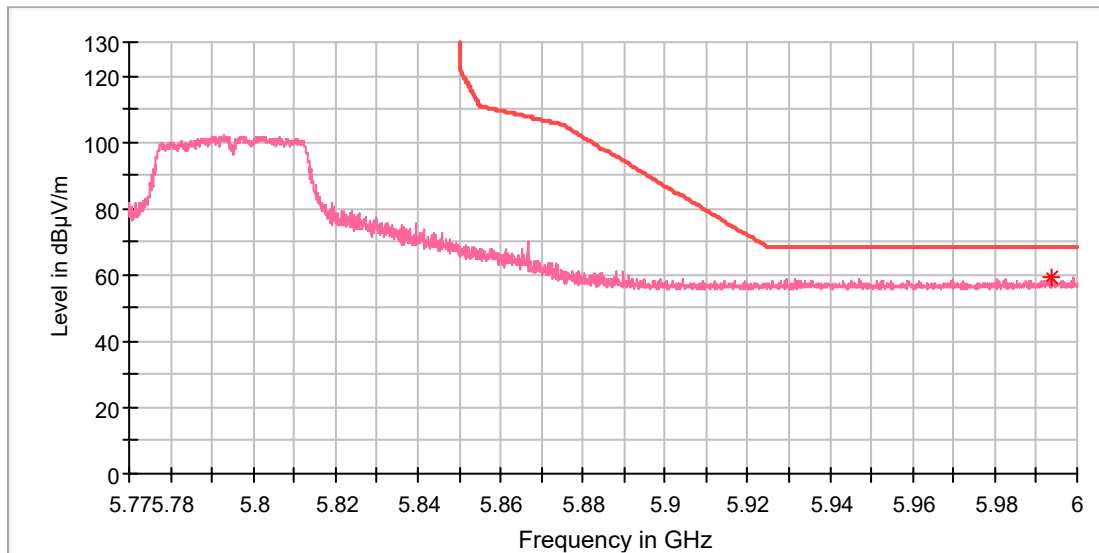
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5941.562500	59.46	68.20	8.74	150.0	H	156.0	16.2

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/A004126573-002
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)
5993.659722	59.09	68.20	9.11	150.0	V	53.0	16.5

Final_Result

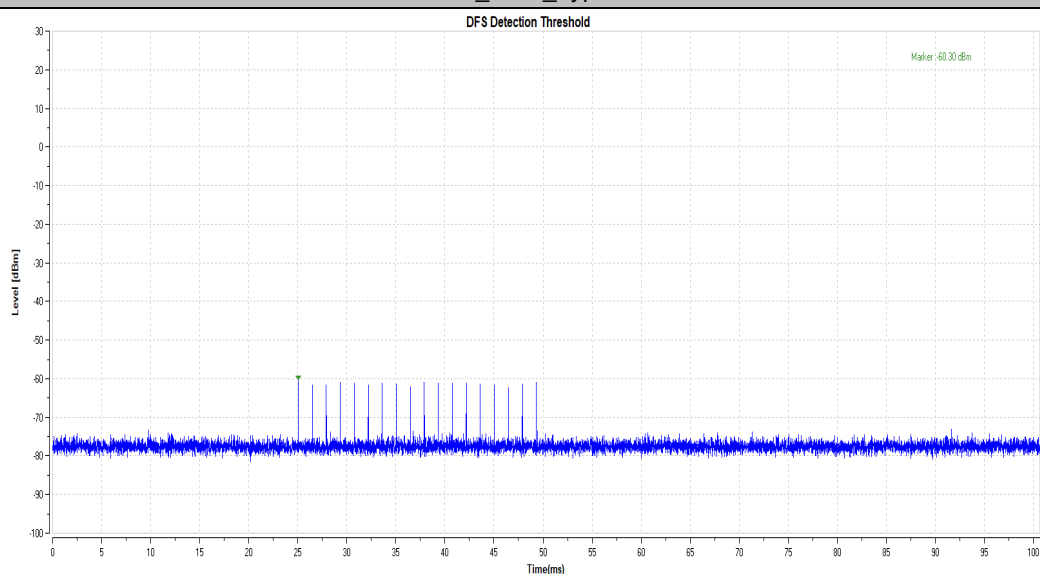
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

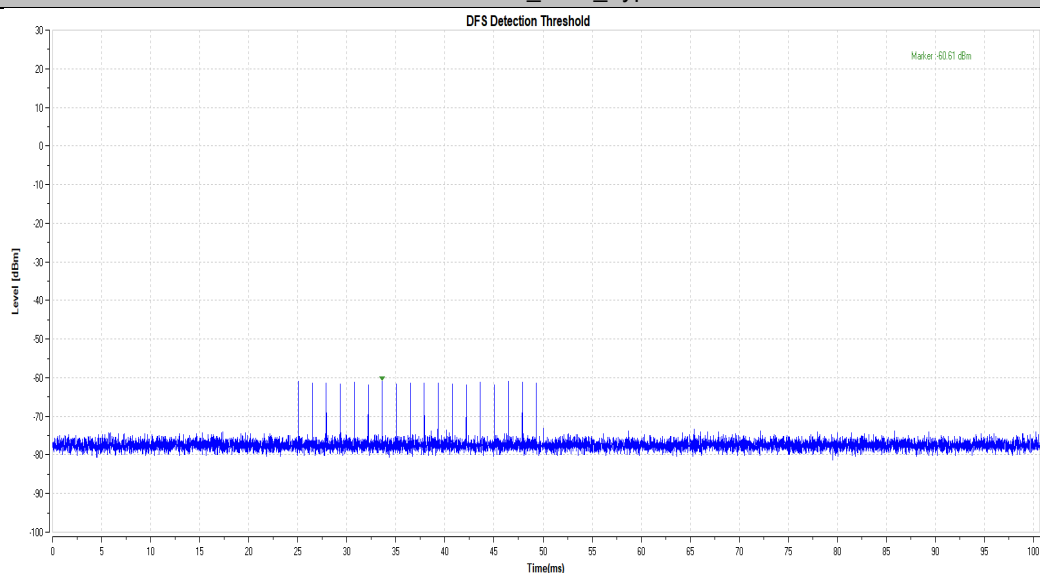
DFS Detection Thresholds

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-60.30	-60.21	PASS
11AC40SISO	5510	Type0	-60.61	-60.21	PASS

11A_5260_Type0



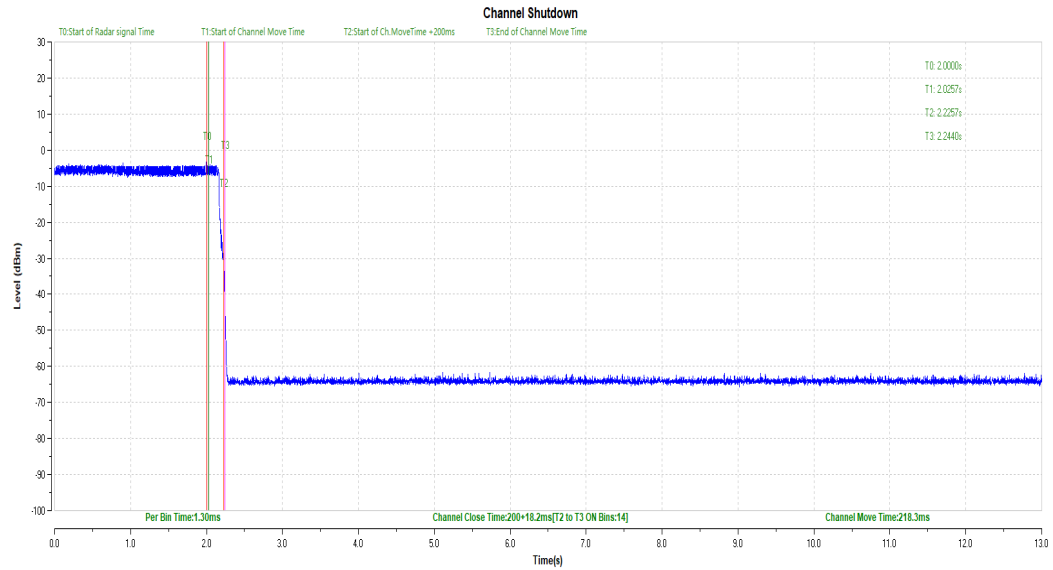
11AC40SISO_5510_Type0



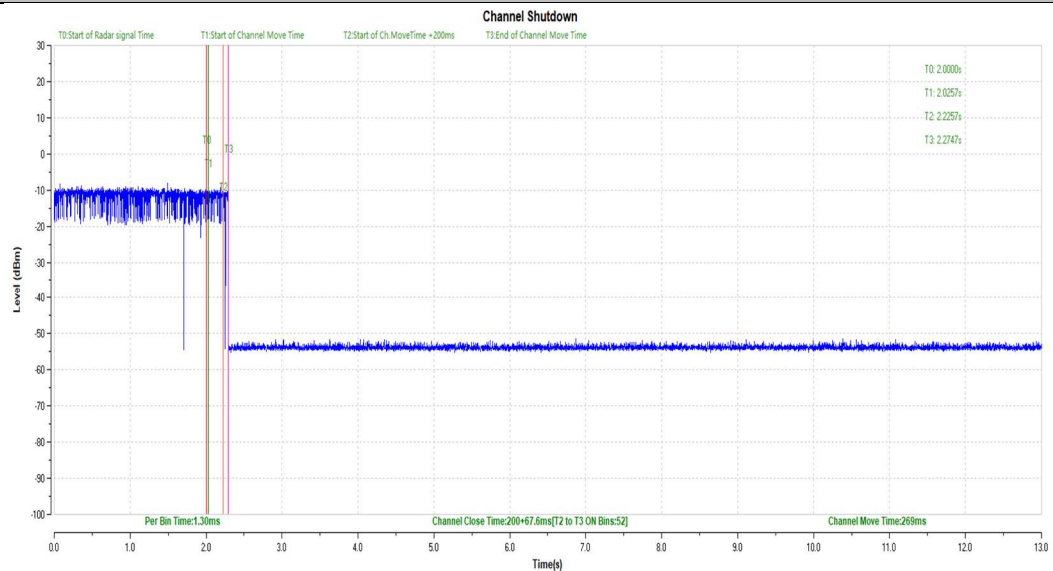
Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+18.2	200+60	218.3	10000	PASS
11AC40SISO	5510	200+47.6	200+60	249	10000	PASS

11A_5260



11AC40SISO_5510

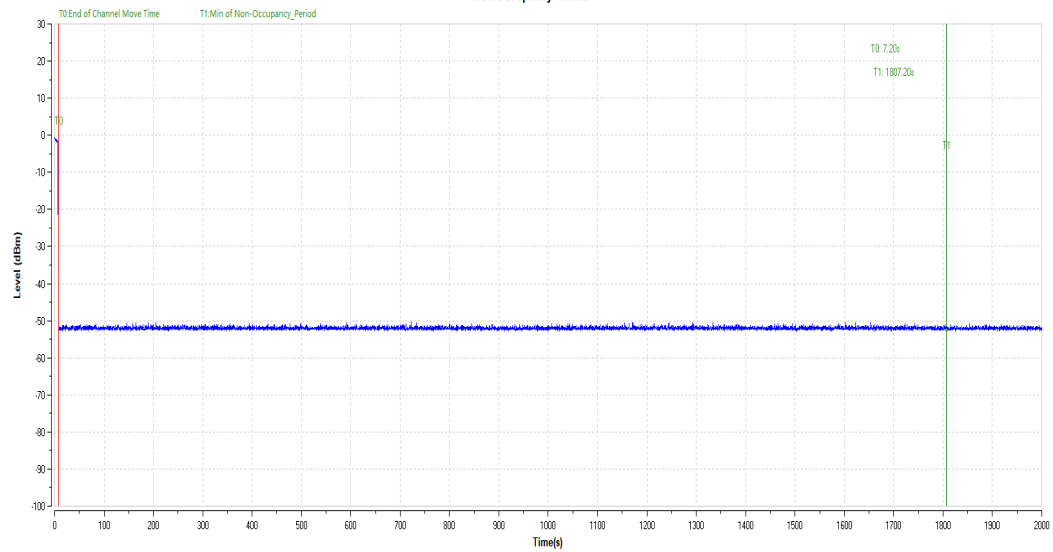


Non-Occupancy Period

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

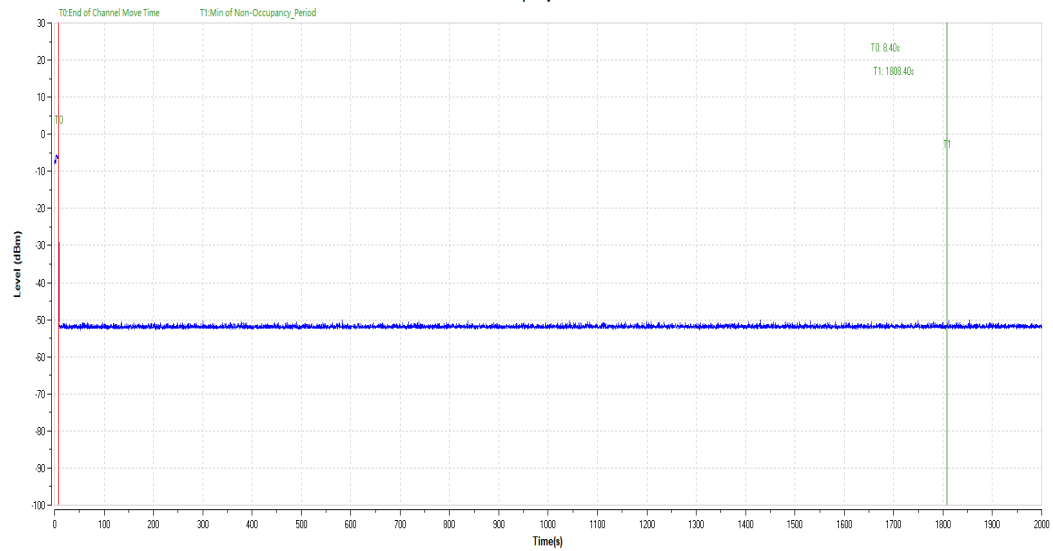
11A_5260

Non-Occupancy Period



11AC40SISO_5510

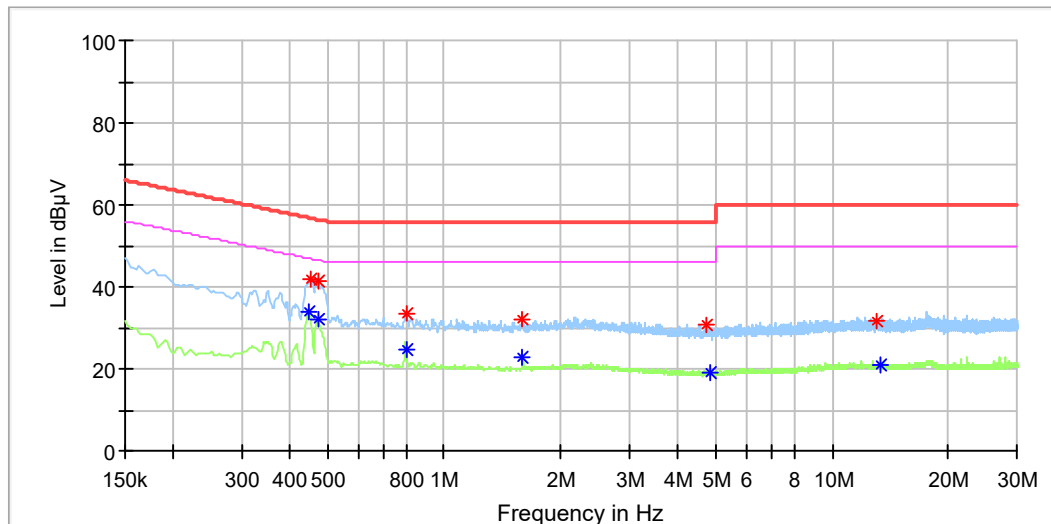
Non-Occupancy Period



[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)
0.446	---	33.8	46.95	13.11	N	9.9
0.451	42.0	---	56.86	14.83	N	9.9
0.473	---	32.0	46.45	14.47	N	9.9
0.476	41.2	---	56.41	15.25	N	9.9
0.797	33.4	---	56.00	22.57	N	9.8
0.799	---	24.7	46.00	21.32	N	9.8
1.593	32.2	---	56.00	23.81	N	9.9
1.593	---	23.0	46.00	22.96	N	9.9
4.747	30.7	---	56.00	25.31	N	9.7
4.829	---	19.1	46.00	26.93	N	9.7
13.110	31.7	---	60.00	28.33	N	9.6
13.364	---	20.7	50.00	29.29	N	9.6

Final_Result

[illegible]