

11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.72	9.72	---	PASS
			30~1000	9.72	-42.10	≤-10.28	PASS
			1000~26500	9.72	-32.91	≤-10.28	PASS
		2437	Reference	11.45	11.45	---	PASS
			30~1000	11.45	-41.97	≤-8.55	PASS
			1000~26500	11.45	-33.08	≤-8.55	PASS
		2462	Reference	10.64	10.64	---	PASS
			30~1000	10.64	-42.17	≤-9.36	PASS
			1000~26500	10.64	-32.76	≤-9.36	PASS
11G	Ant1	2412	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-41.48	≤-17.37	PASS
			1000~26500	2.63	-32.84	≤-17.37	PASS
		2437	Reference	0.47	0.47	---	PASS
			30~1000	0.47	-42.48	≤-19.53	PASS
			1000~26500	0.47	-33.19	≤-19.53	PASS
		2462	Reference	1.57	1.57	---	PASS
			30~1000	1.57	-42.21	≤-18.43	PASS
			1000~26500	1.57	-33.00	≤-18.43	PASS
11N20SISO	Ant1	2412	Reference	-0.63	-0.63	---	PASS
			30~1000	-0.63	-41.75	≤-20.63	PASS
			1000~26500	-0.63	-33.05	≤-20.63	PASS
		2437	Reference	3.09	3.09	---	PASS
			30~1000	3.09	-41.42	≤-16.91	PASS
			1000~26500	3.09	-33.41	≤-16.91	PASS
		2462	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-42.05	≤-18.05	PASS
			1000~26500	1.95	-33.12	≤-18.05	PASS
11N40SISO	Ant1	2422	Reference	-0.46	-0.46	---	PASS
			30~1000	-0.46	-42.29	≤-20.46	PASS
			1000~26500	-0.46	-33.03	≤-20.46	PASS
		2437	Reference	-0.18	-0.18	---	PASS
			30~1000	-0.18	-41.67	≤-20.18	PASS
			1000~26500	-0.18	-33.12	≤-20.18	PASS
		2452	Reference	-2.21	-2.21	---	PASS
			30~1000	-2.21	-42.28	≤-22.21	PASS
			1000~26500	-2.21	-32.53	≤-22.21	PASS

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500





11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



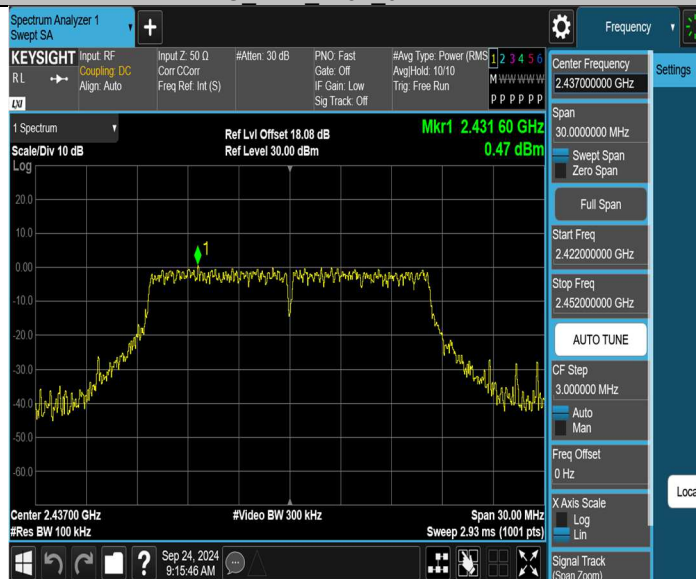
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000

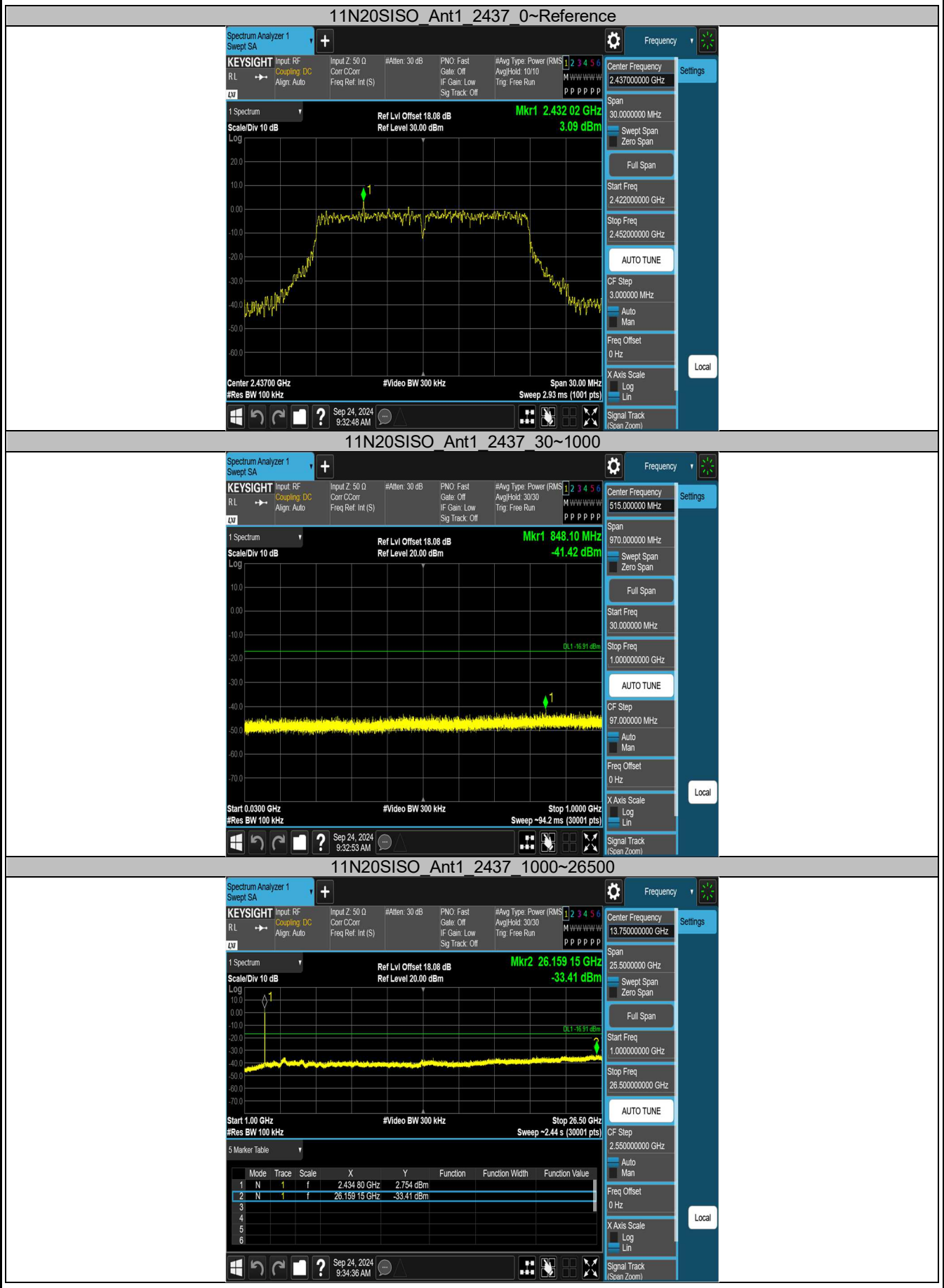


11G_Ant1_2437_1000~26500

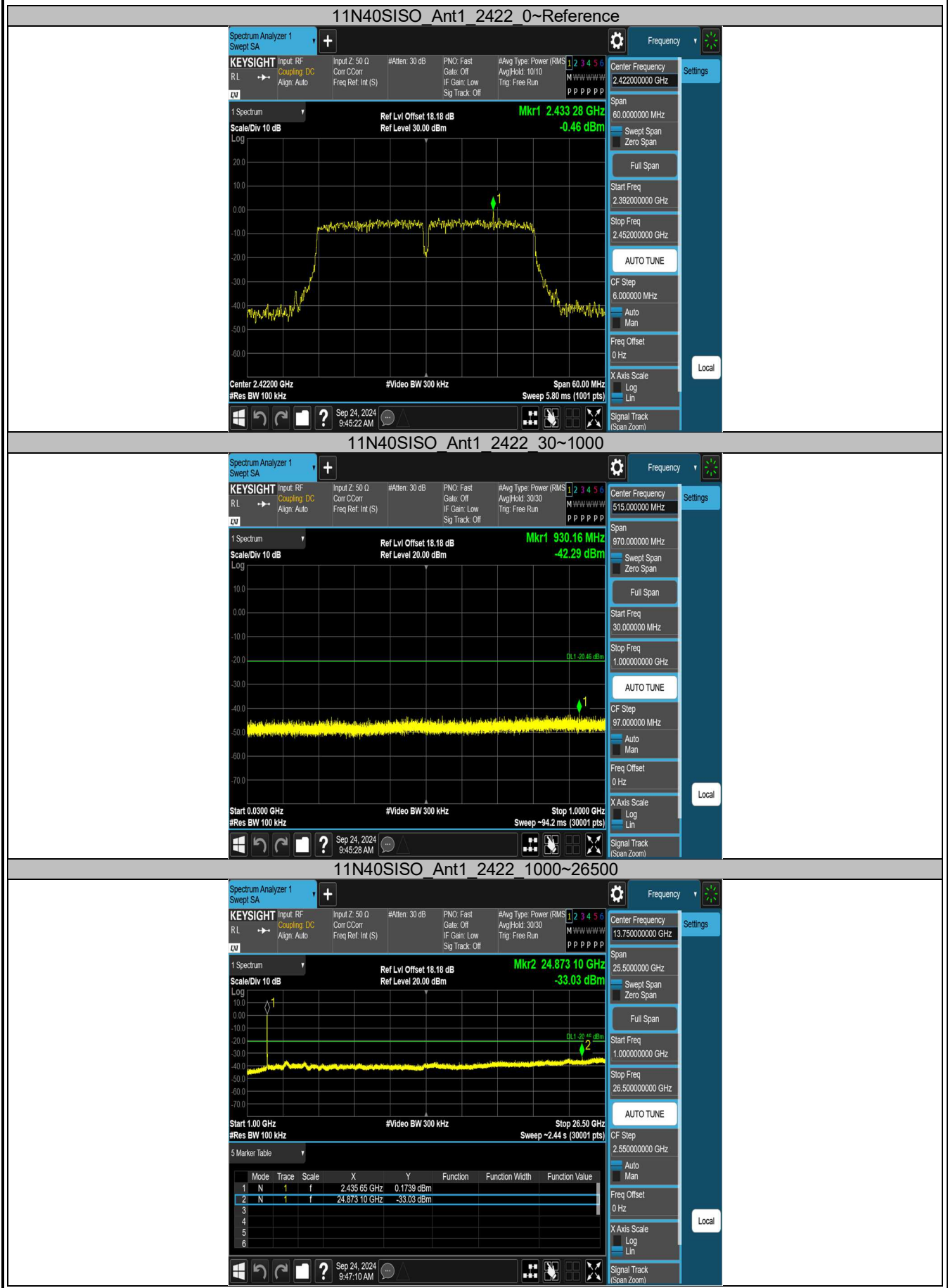


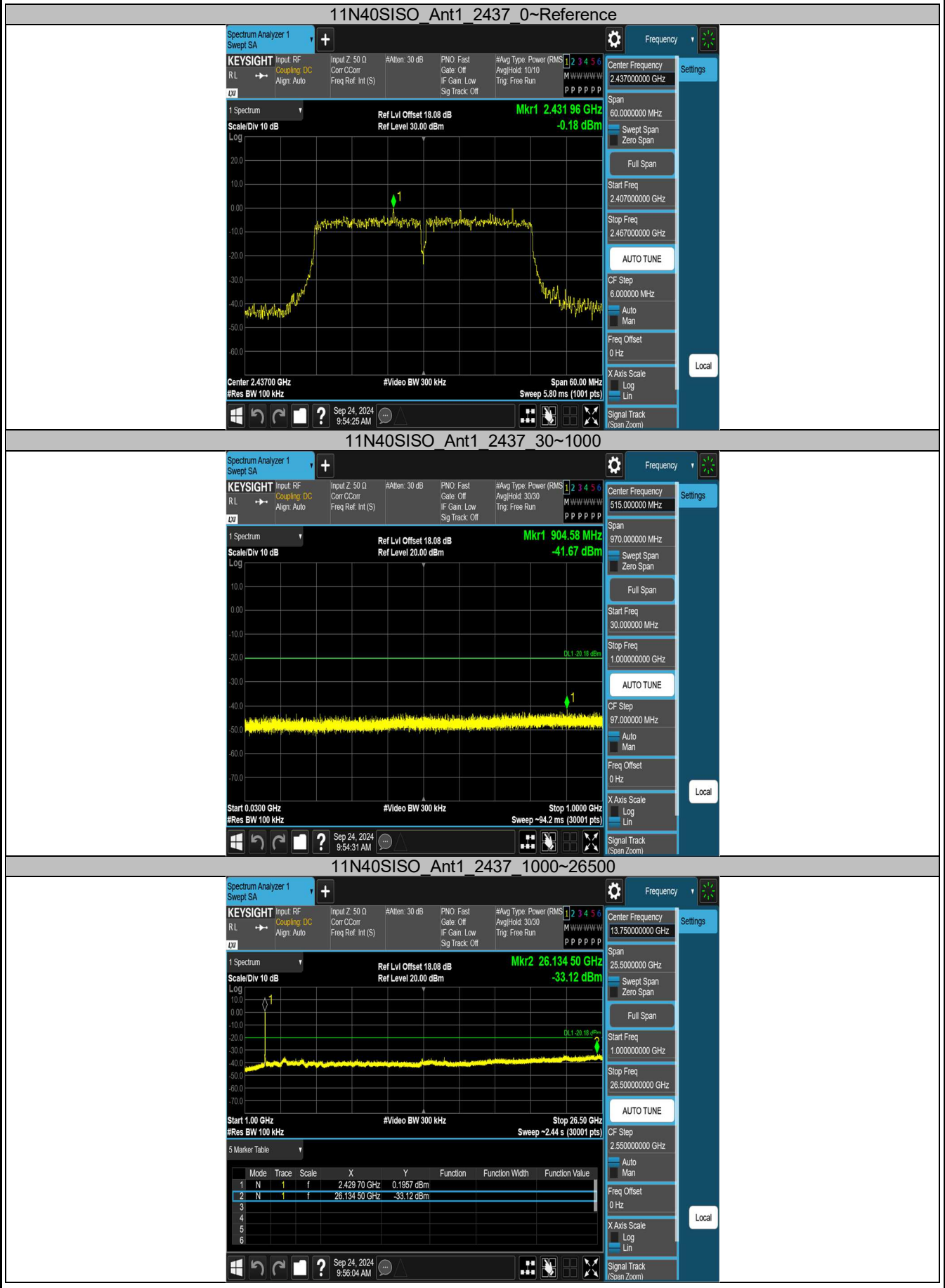














Appendix B.5: Test Results of Radiated Spurious Emissions

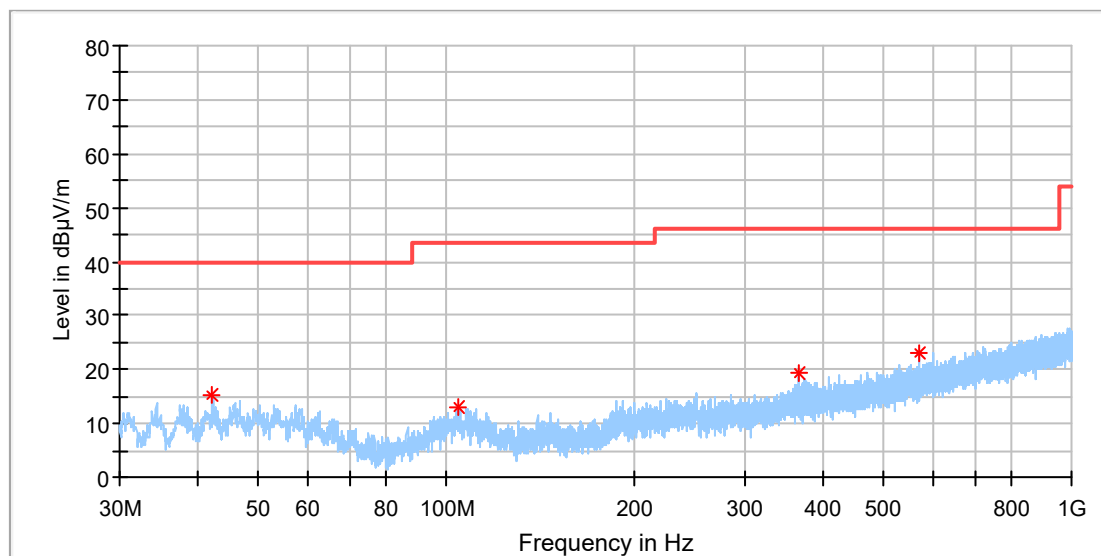
Note:

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

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

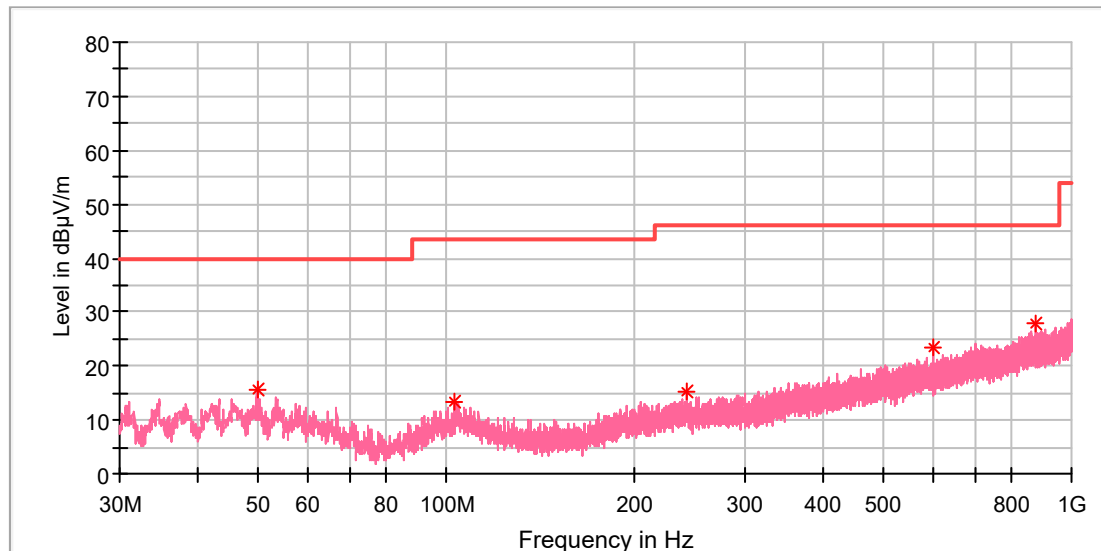
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.274231	15.18	40.00	24.82	100.0	H	230.0	-19.6
104.167692	13.07	43.50	30.43	100.0	H	0.0	-18.9
365.620000	19.36	46.00	26.64	100.0	H	157.0	-14.5
571.633077	23.20	46.00	22.80	100.0	H	84.0	-10.3

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: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.773077	15.49	40.00	24.51	100.0	V	7.0	-18.4
102.899231	13.22	43.50	30.28	100.0	V	0.0	-19.0
243.101539	15.29	46.00	30.71	100.0	V	93.0	-17.6
599.986923	23.51	46.00	22.49	100.0	V	316.0	-9.7
875.914615	28.03	46.00	17.97	100.0	V	0.0	-5.1

Final_Result

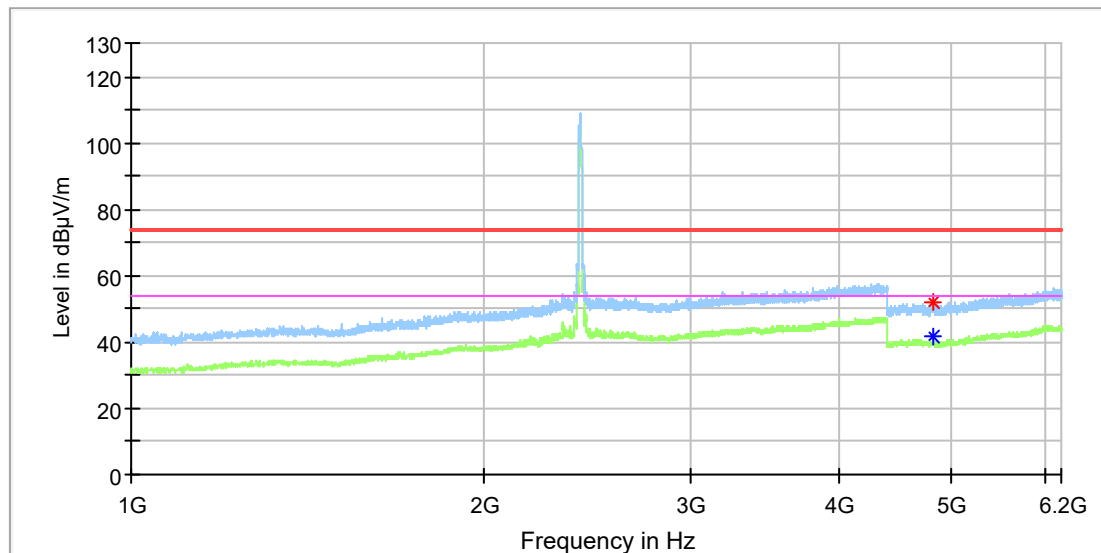
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

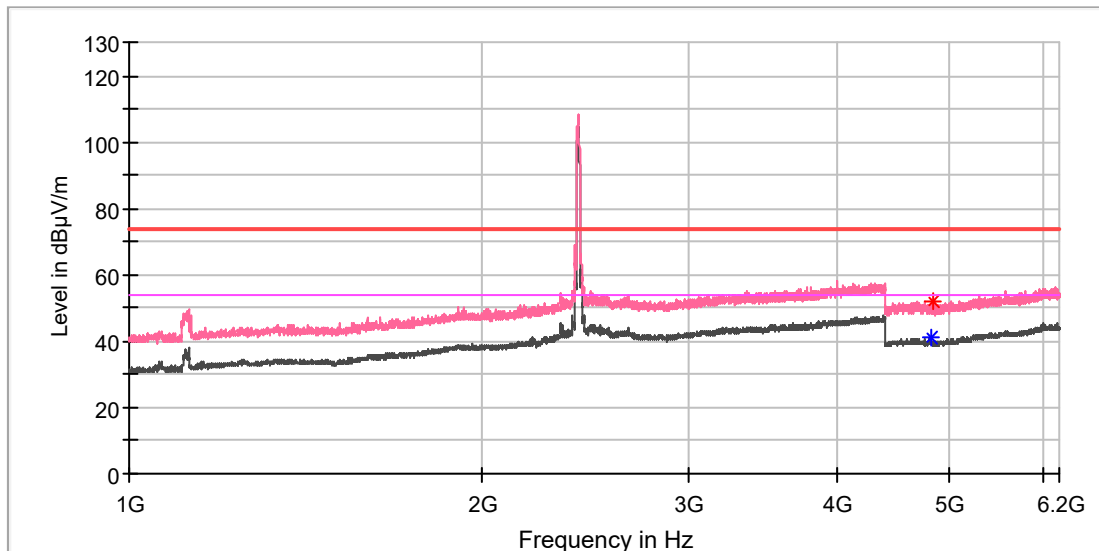
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	---	41.58	54.00	12.42	150.0	H	96.0	13.3
4824.500000	51.75	---	74.00	22.25	150.0	H	308.0	13.3

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical Freqs

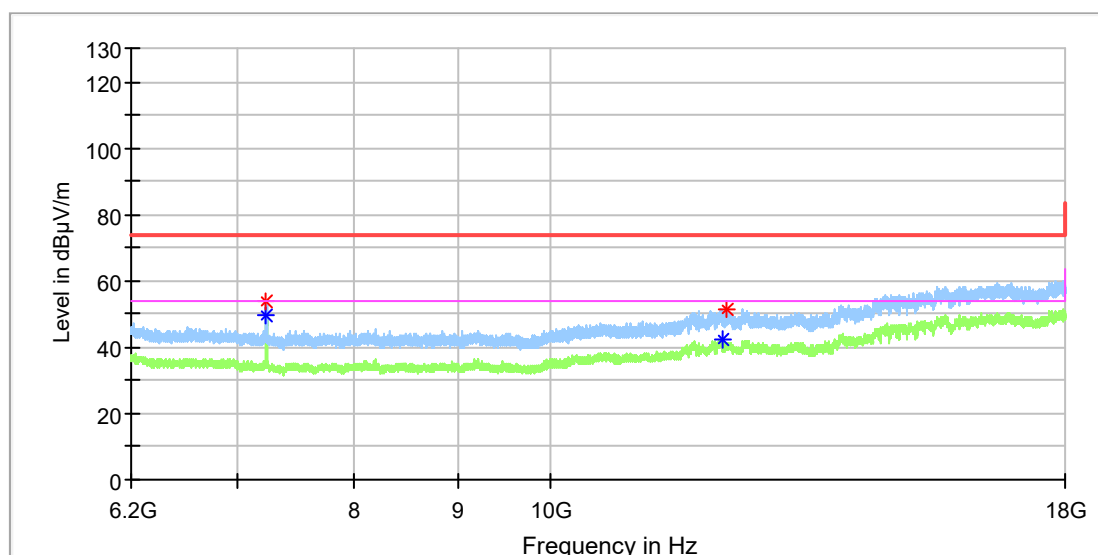
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	---	41.18	54.00	12.82	150.0	V	325.0	13.3
4845.500000	52.02	---	74.00	21.98	150.0	V	331.0	13.3

Final Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical_Freqs

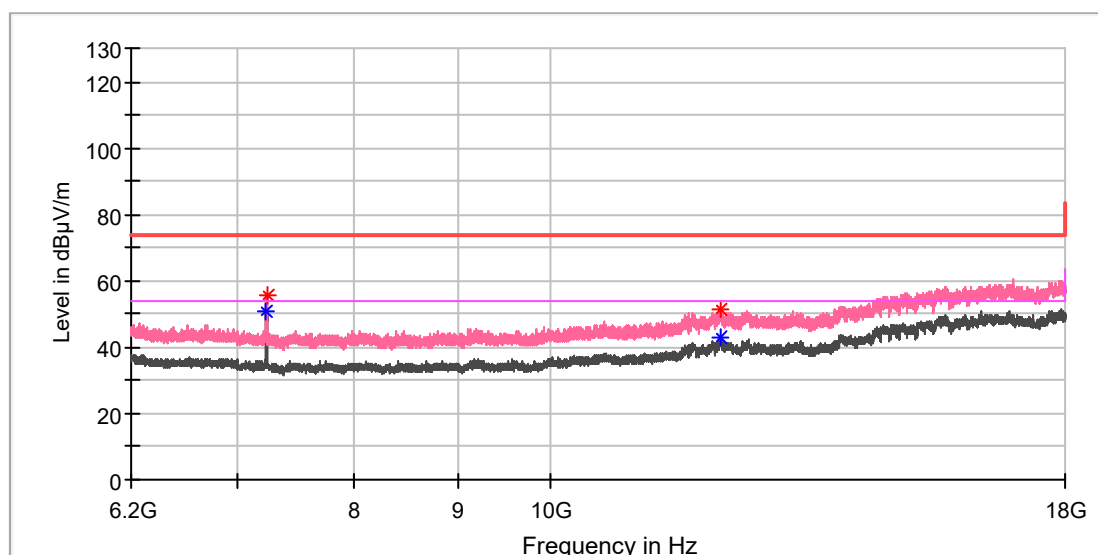
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.466667	53.73	---	74.00	20.27	150.0	H	327.0	8.6
7234.466667	---	49.49	54.00	4.51	150.0	H	327.0	8.6
12159.983333	---	42.05	54.00	11.95	150.0	H	165.0	16.2
12238.158333	51.37	---	74.00	22.63	150.0	H	290.0	16.0

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

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Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical_Freqs

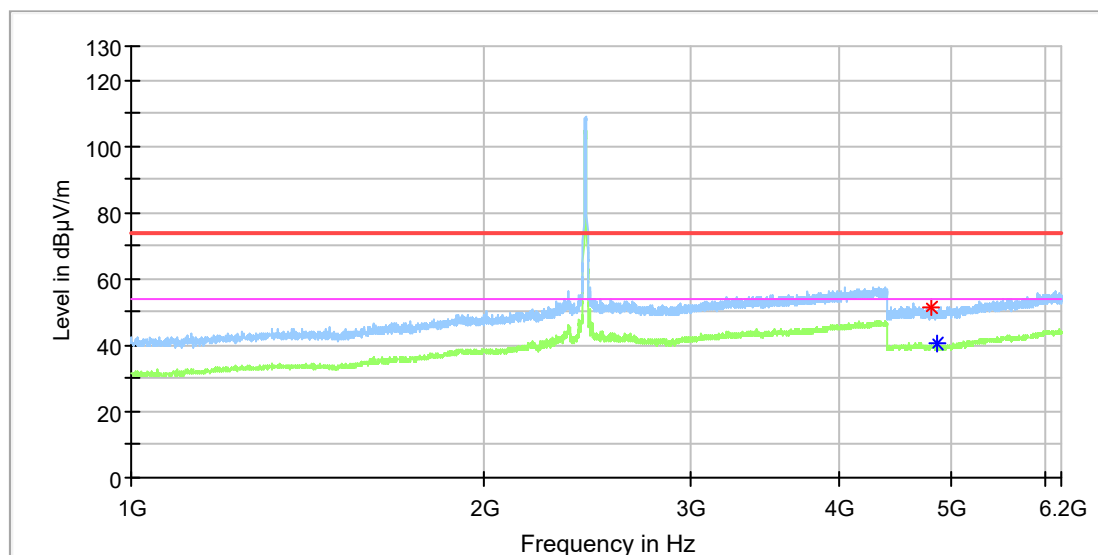
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.958333	---	50.83	54.00	3.17	150.0	V	307.0	8.6
7235.941667	55.51	---	74.00	18.49	150.0	V	307.0	8.6
12134.908333	51.47	---	74.00	22.53	150.0	V	345.0	16.3
12155.066667	---	42.84	54.00	11.16	150.0	V	233.0	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:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

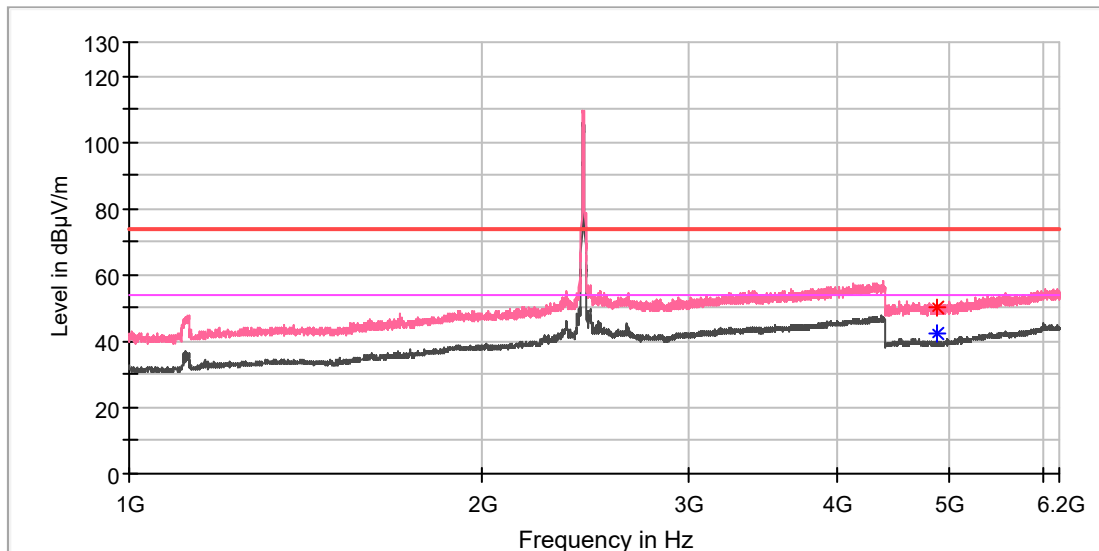
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4799.000000	51.35	---	74.00	22.65	150.0	H	135.0	13.3
4858.000000	---	40.30	54.00	13.70	150.0	H	123.0	13.3

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: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

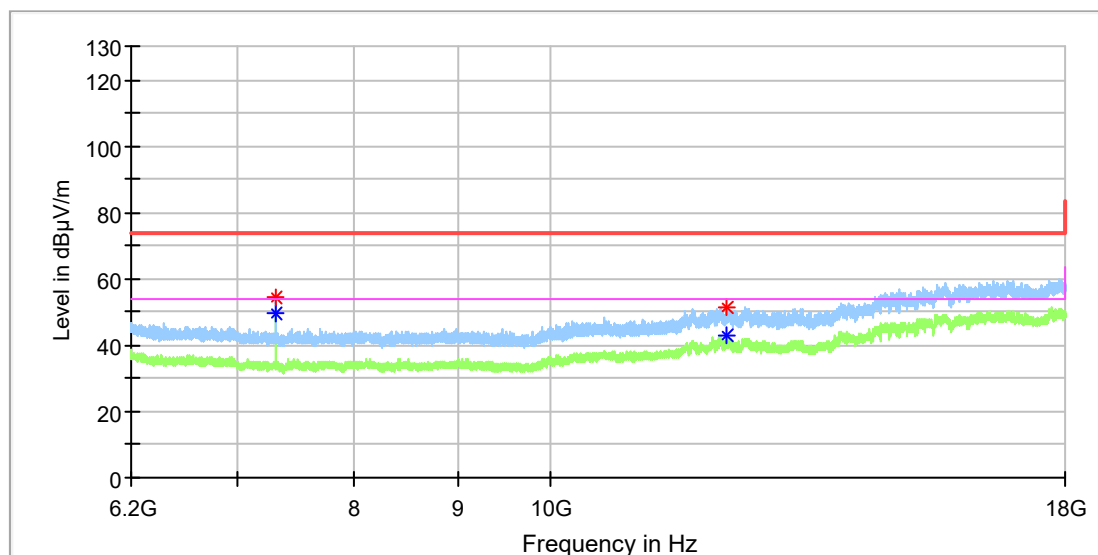
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.000000	50.32	---	74.00	23.68	150.0	V	196.0	13.3
4874.000000	---	42.11	54.00	11.89	150.0	V	254.0	13.3

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:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

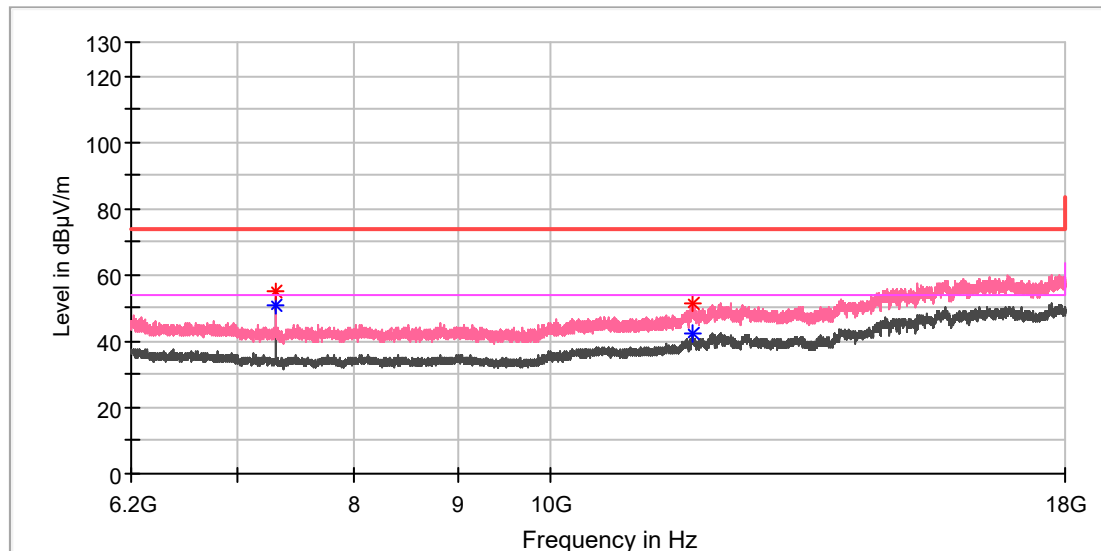
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	54.55	---	74.00	19.45	150.0	H	5.0	8.2
7310.183333	---	49.52	54.00	4.48	150.0	H	342.0	8.2
12223.408333	51.42	---	74.00	22.58	150.0	H	170.0	15.9
12223.408333	---	42.95	54.00	11.05	150.0	H	170.0	15.9

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:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

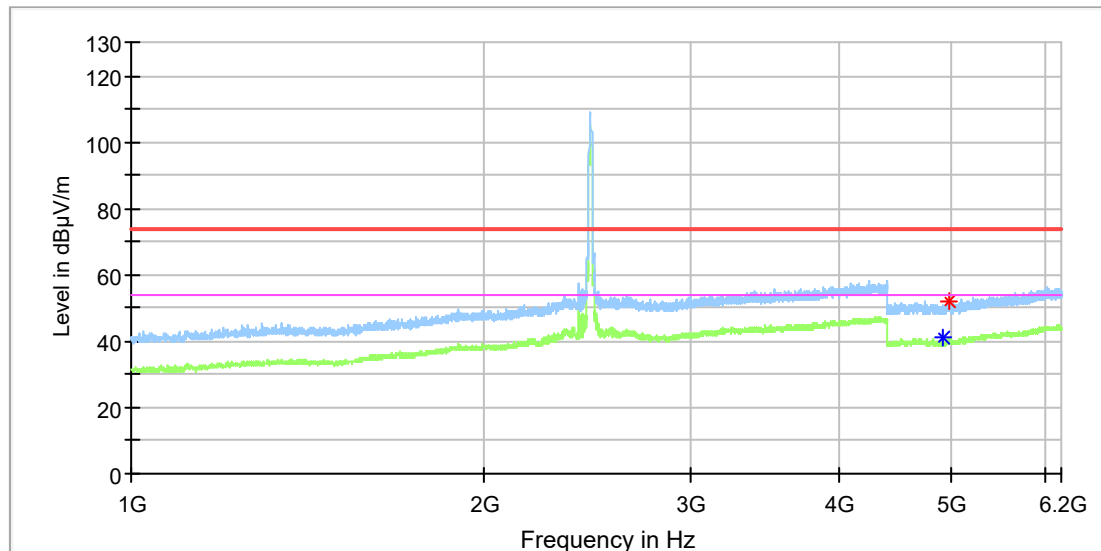
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	---	50.59	54.00	3.41	150.0	V	325.0	8.2
7309.691667	54.93	---	74.00	19.07	150.0	V	325.0	8.2
11751.900000	---	42.18	54.00	11.82	150.0	V	255.0	15.5
11763.700000	51.69	---	74.00	22.31	150.0	V	289.0	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: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

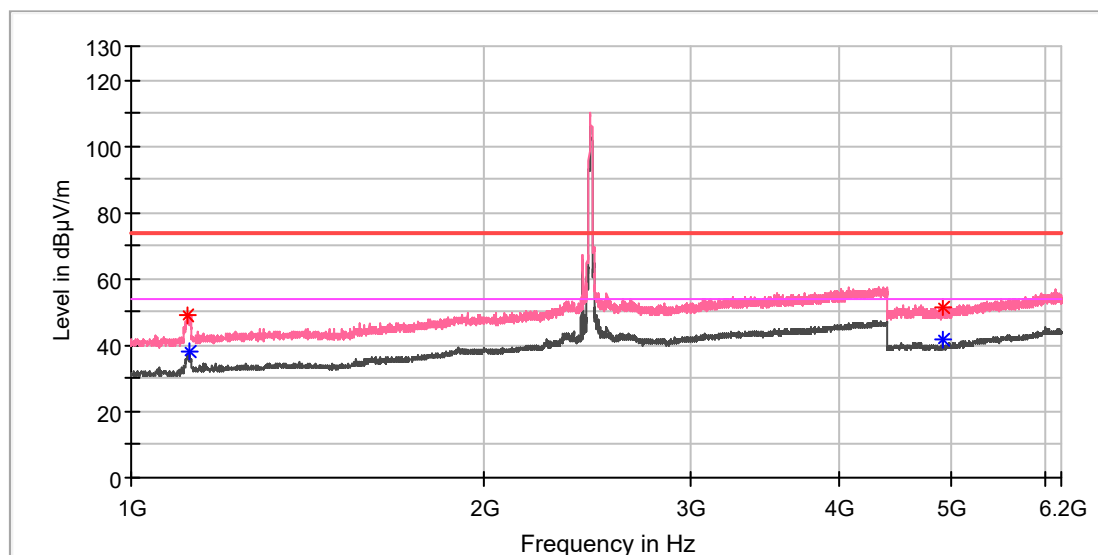
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	40.96	54.00	13.04	150.0	H	211.0	13.3
4966.500000	52.04	---	74.00	21.96	150.0	H	324.0	13.3

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
 Model: S90VER
 Test Mode: WIFI 2.4G_11b_Ch11
 Order No/Sample No: 168503817/A003820281-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

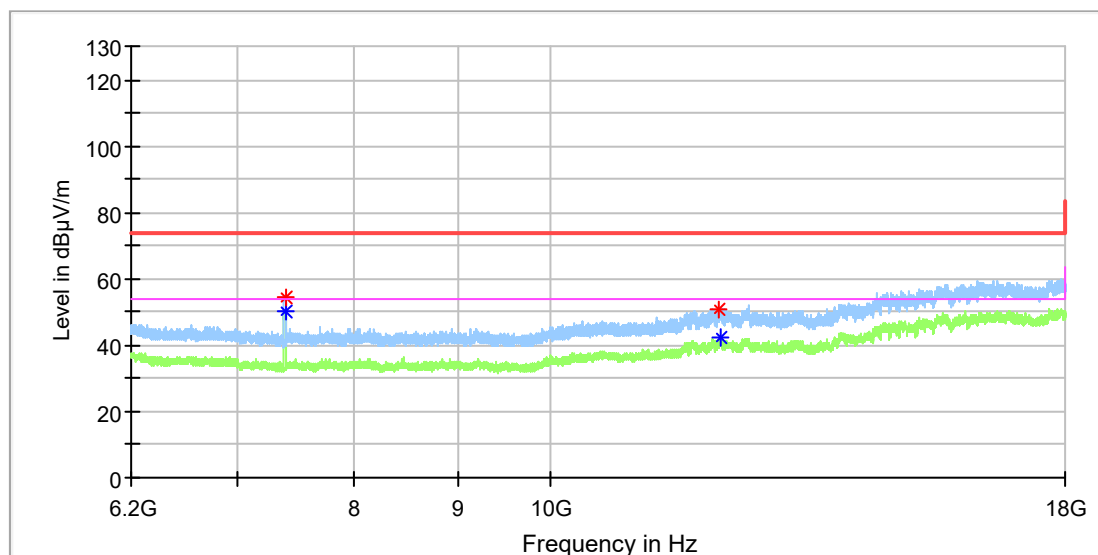
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	49.07	---	74.00	24.93	150.0	V	263.0	0.8
1120.500000	---	38.22	54.00	15.78	150.0	V	263.0	0.9
4924.000000	---	41.65	54.00	12.35	150.0	V	257.0	13.3
4924.500000	51.12	---	74.00	22.88	150.0	V	92.0	13.3

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

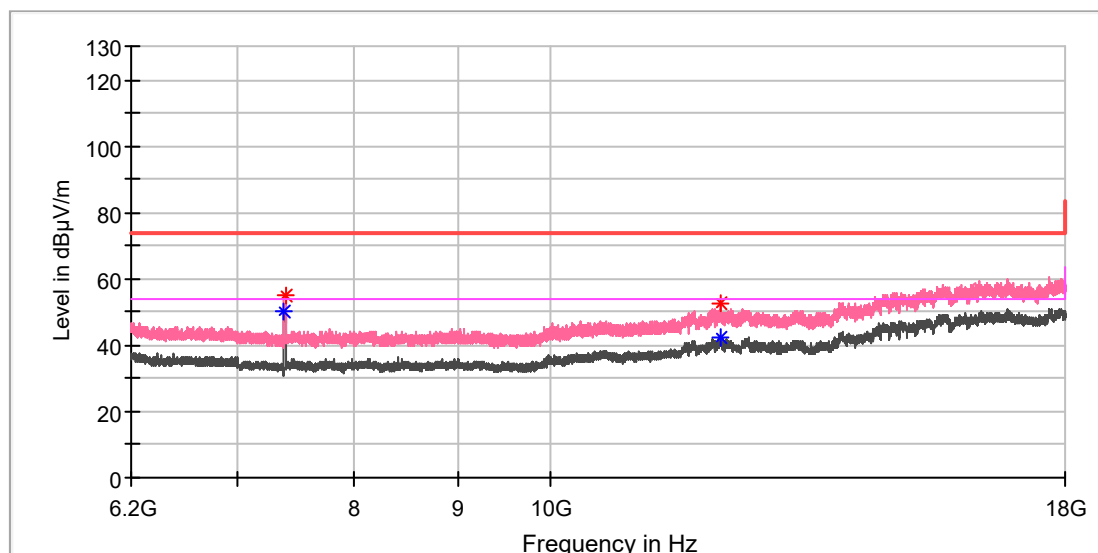
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7386.883333	54.69	---	74.00	19.31	150.0	H	313.0	8.2
7386.883333	---	50.00	54.00	4.00	150.0	H	313.0	8.2
12129.008333	51.02	---	74.00	22.98	150.0	H	276.0	16.2
12149.658333	---	42.14	54.00	11.86	150.0	H	48.0	16.7

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

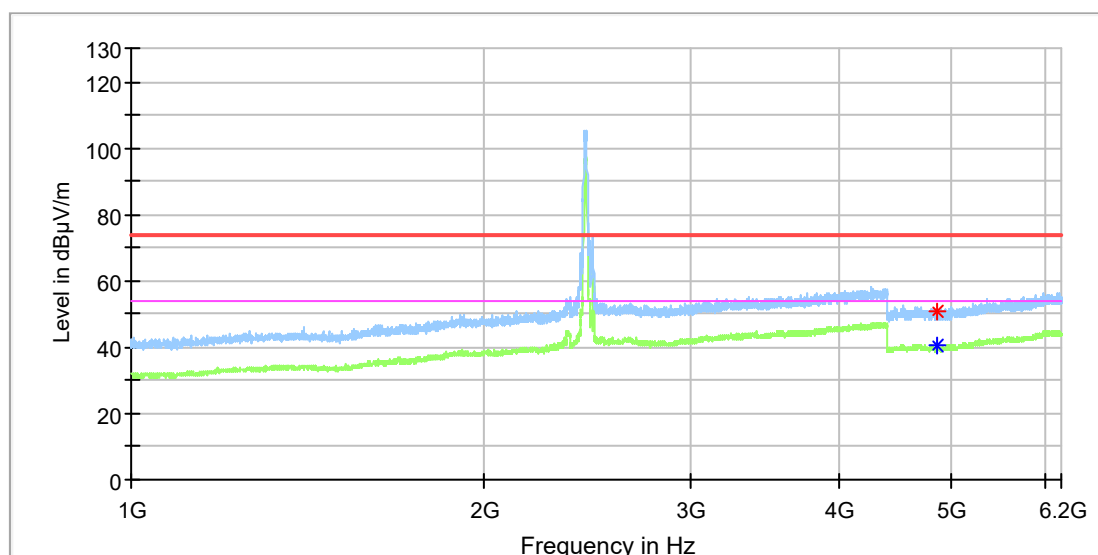
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7384.916667	---	50.16	54.00	3.84	150.0	V	322.0	8.2
7386.391667	54.84	---	74.00	19.16	150.0	V	322.0	8.2
12143.758333	---	42.57	54.00	11.43	150.0	V	225.0	16.6
12144.741667	52.46	---	74.00	21.54	150.0	V	141.0	16.6

Final Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

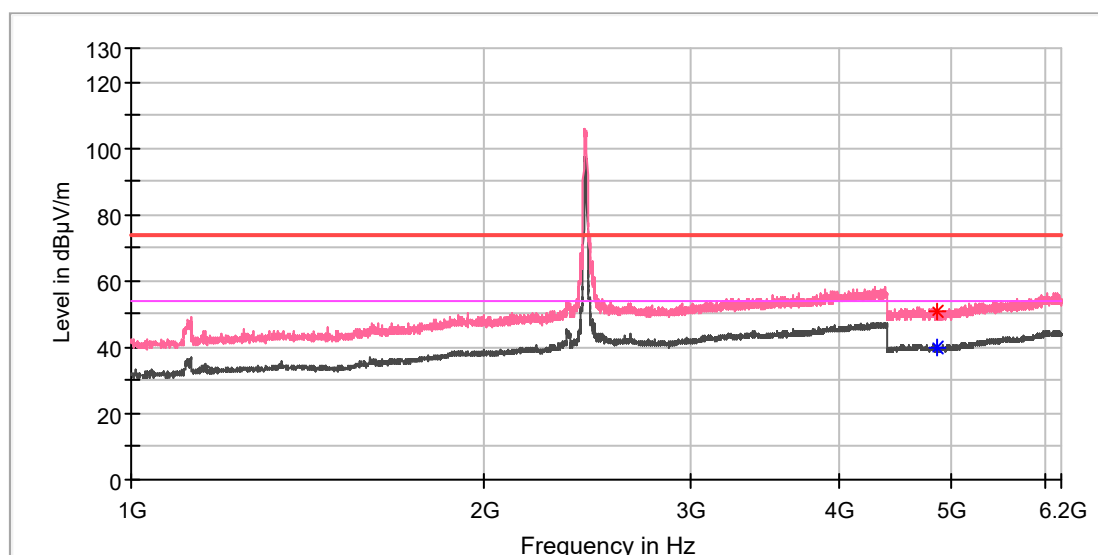
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4851.000000	50.90	---	74.00	23.10	150.0	H	208.0	13.3
4854.500000	---	40.21	54.00	13.79	150.0	H	246.0	13.3

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

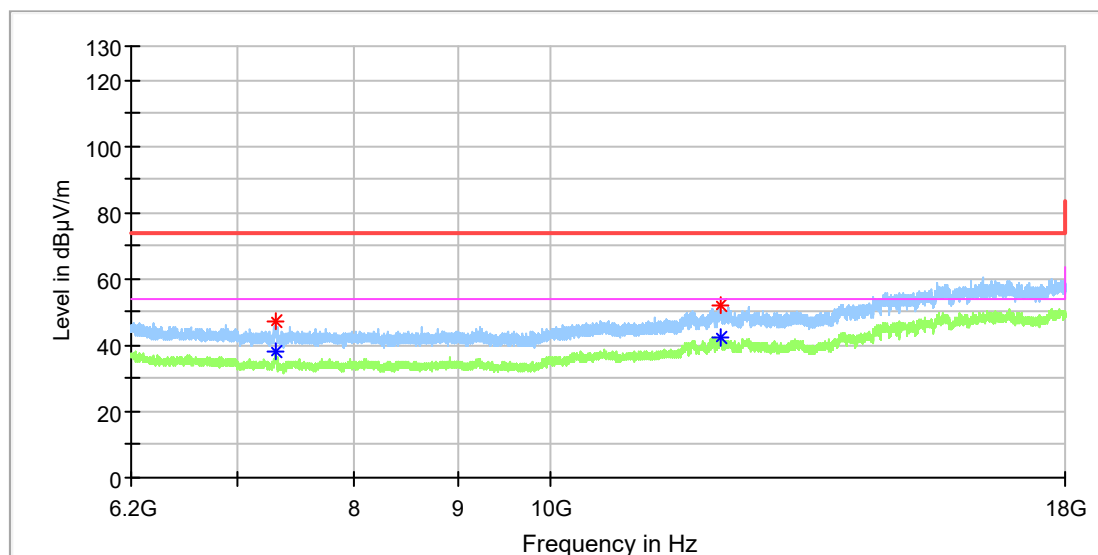
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4853.000000	---	40.15	54.00	13.85	150.0	V	115.0	13.3
4863.000000	50.80	---	74.00	23.20	150.0	V	272.0	13.3

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

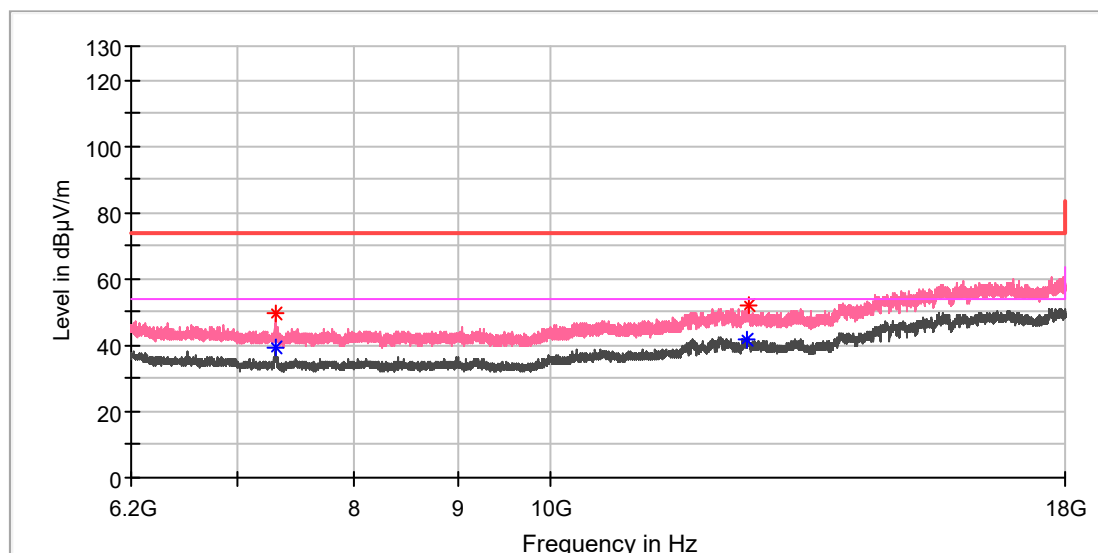
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	---	37.79	54.00	16.21	150.0	H	0.0	8.3
7314.116667	47.32	---	74.00	26.68	150.0	H	15.0	8.2
12144.741667	---	42.58	54.00	11.42	150.0	H	50.0	16.6
12154.083333	51.78	---	74.00	22.22	150.0	H	38.0	16.5

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

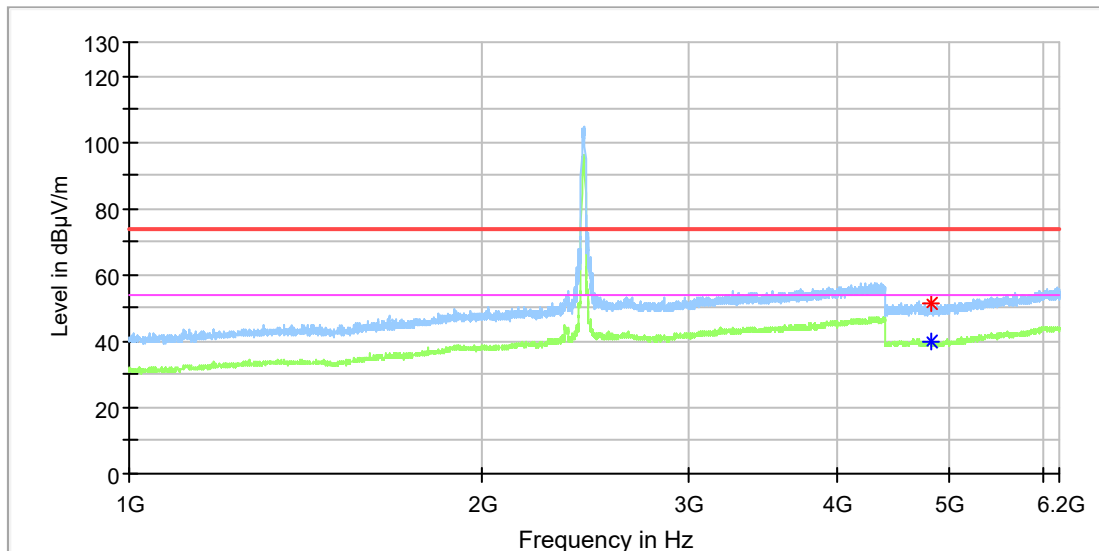
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	49.34	---	74.00	24.66	150.0	V	327.0	8.3
7312.150000	---	39.20	54.00	14.80	150.0	V	314.0	8.2
12526.275000	---	41.95	54.00	12.05	150.0	V	327.0	16.3
12547.908333	51.87	---	74.00	22.13	150.0	V	314.0	16.5

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

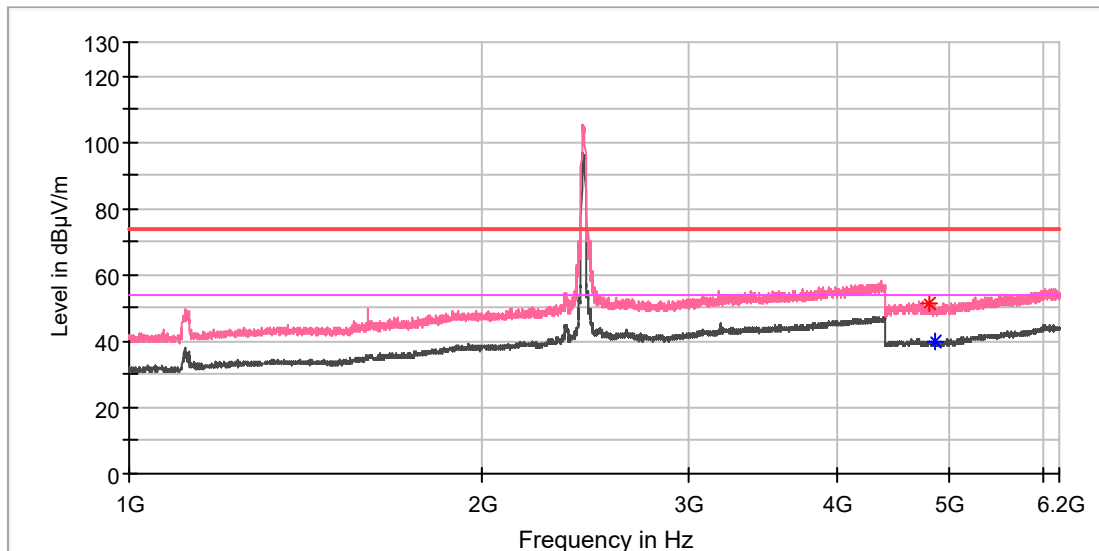
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4817.500000	---	40.21	54.00	13.79	150.0	H	266.0	13.3
4826.500000	51.25	---	74.00	22.75	150.0	H	107.0	13.3

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

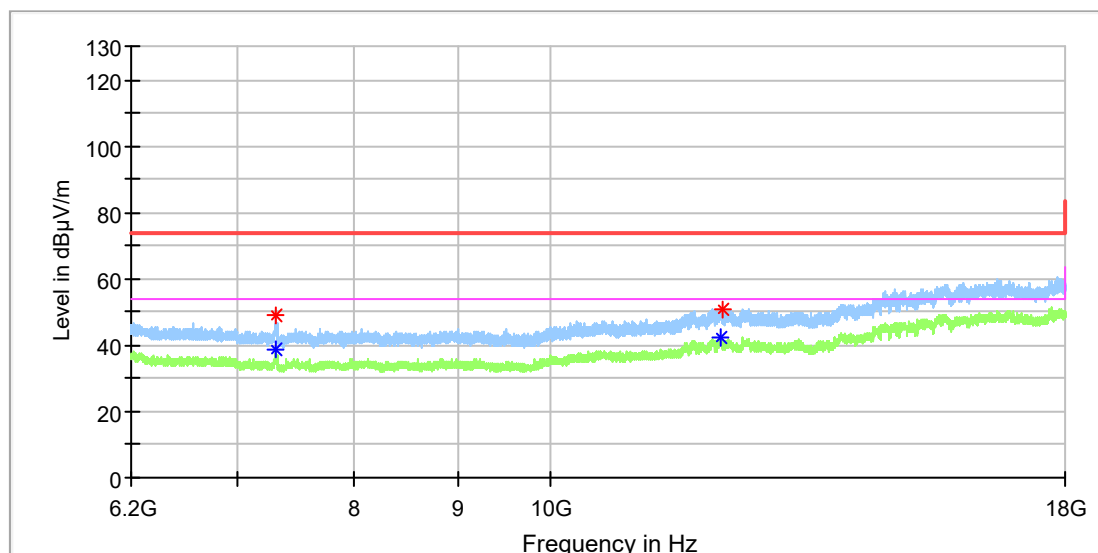
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4800.000000	51.53	---	74.00	22.47	150.0	V	1.0	13.3
4864.000000	---	39.91	54.00	14.09	150.0	V	102.0	13.3

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

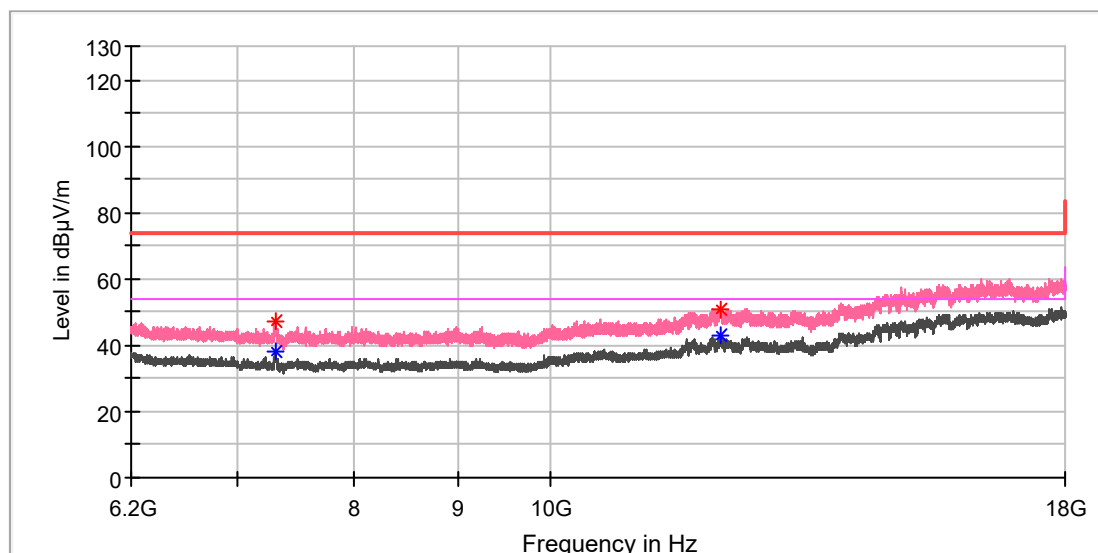
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7304.775000	---	38.86	54.00	15.14	150.0	H	313.0	8.3
7316.083333	48.76	---	74.00	25.24	150.0	H	6.0	8.2
12153.100000	---	42.35	54.00	11.65	150.0	H	0.0	16.6
12162.441667	51.07	---	74.00	22.93	150.0	H	337.0	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:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

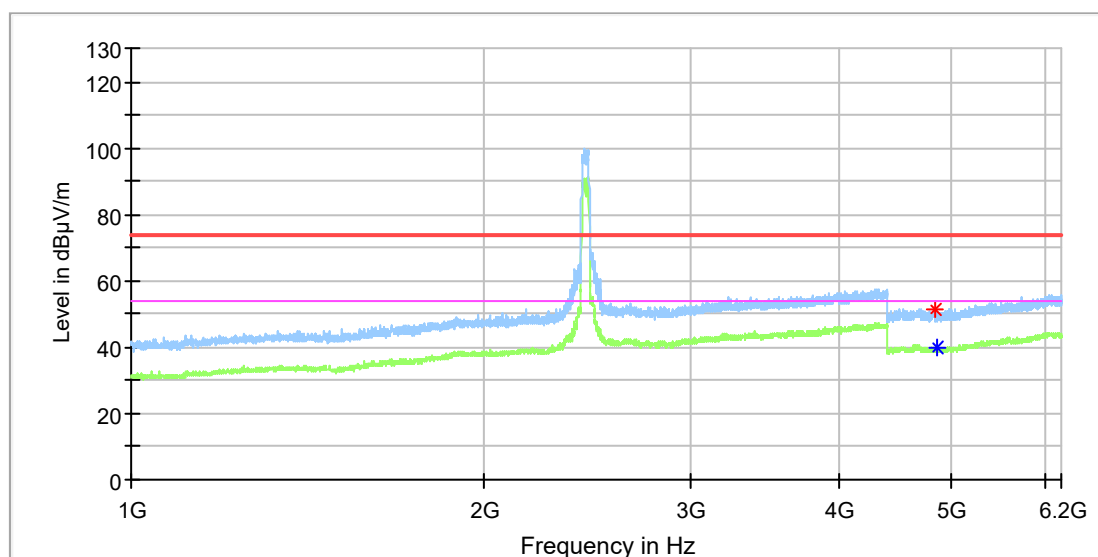
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.708333	---	38.13	54.00	15.87	150.0	V	187.0	8.2
7313.625000	47.43	---	74.00	26.57	150.0	V	187.0	8.2
12143.266667	50.96	---	74.00	23.04	150.0	V	162.0	16.6
12146.216667	---	42.82	54.00	11.18	150.0	V	162.0	16.6

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

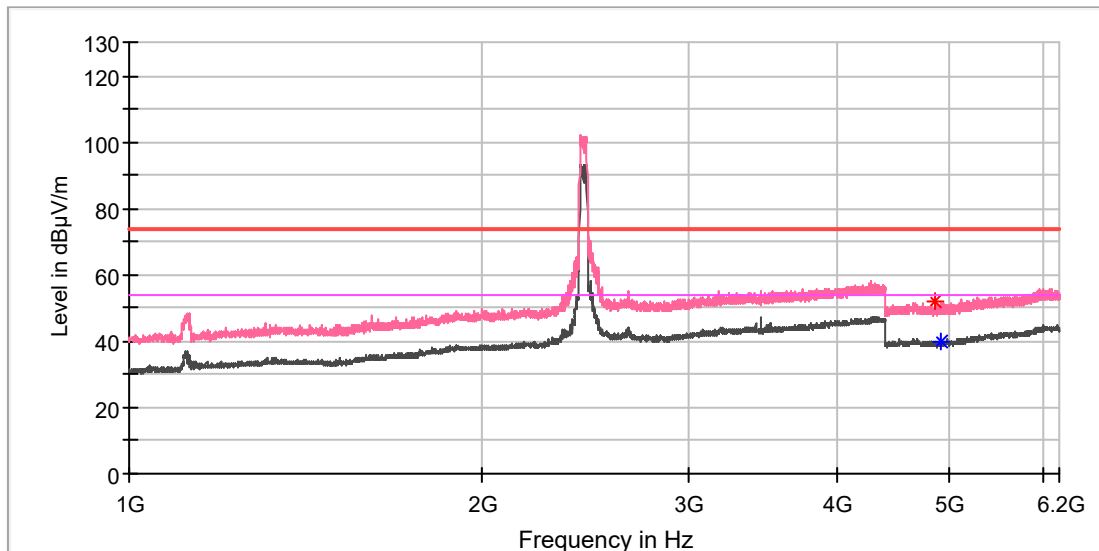
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4841.500000	51.54	---	74.00	22.46	150.0	H	36.0	13.3
4857.000000	---	39.68	54.00	14.32	150.0	H	178.0	13.3

Final Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

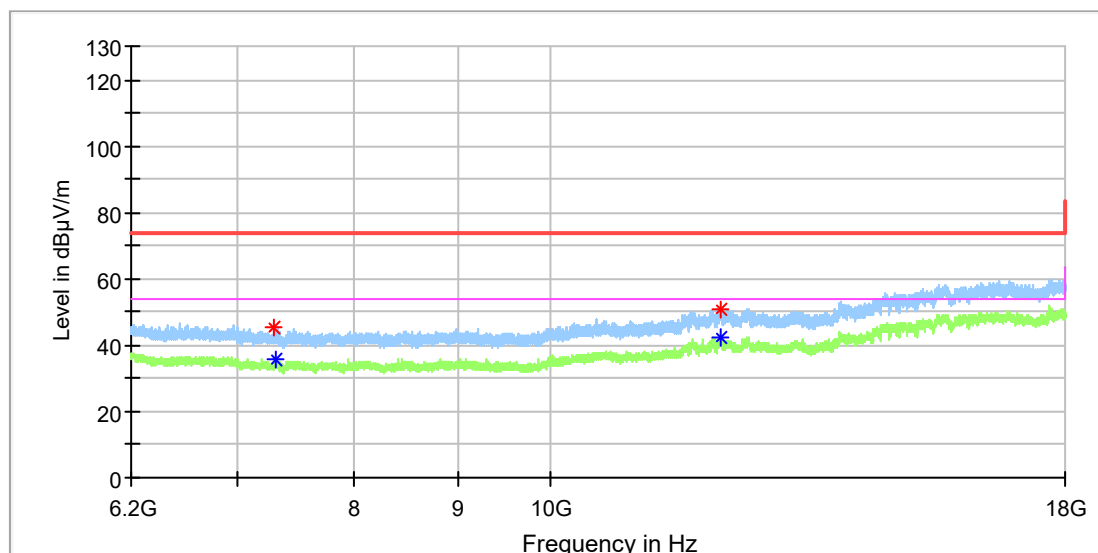
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4853.500000	51.81	---	74.00	22.19	150.0	V	67.0	13.3
4907.500000	---	39.78	54.00	14.22	150.0	V	197.0	13.3

Final Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

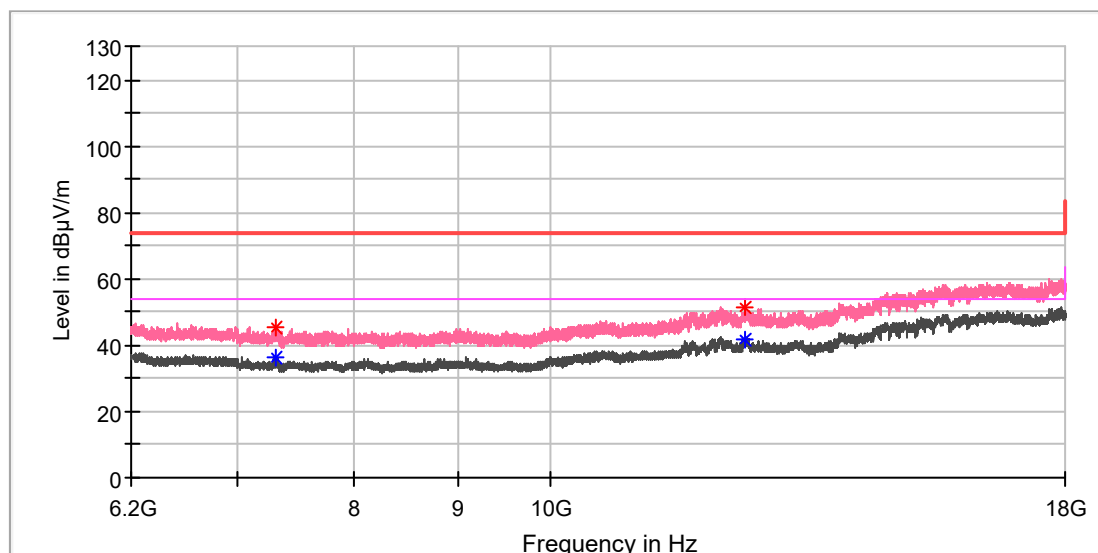
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7298.875000	45.30	---	74.00	28.70	150.0	H	166.0	8.3
7310.675000	---	35.51	54.00	18.49	150.0	H	166.0	8.2
12147.691667	50.80	---	74.00	23.20	150.0	H	227.0	16.7
12156.050000	---	42.21	54.00	11.79	150.0	H	353.0	16.4

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7303.791667	45.59	---	74.00	28.41	150.0	V	167.0	8.3
7310.675000	---	36.47	54.00	17.53	150.0	V	167.0	8.2
12473.666667	51.58	---	74.00	22.42	150.0	V	65.0	16.1
12481.533333	---	41.89	54.00	12.11	150.0	V	65.0	16.1

Final_Result

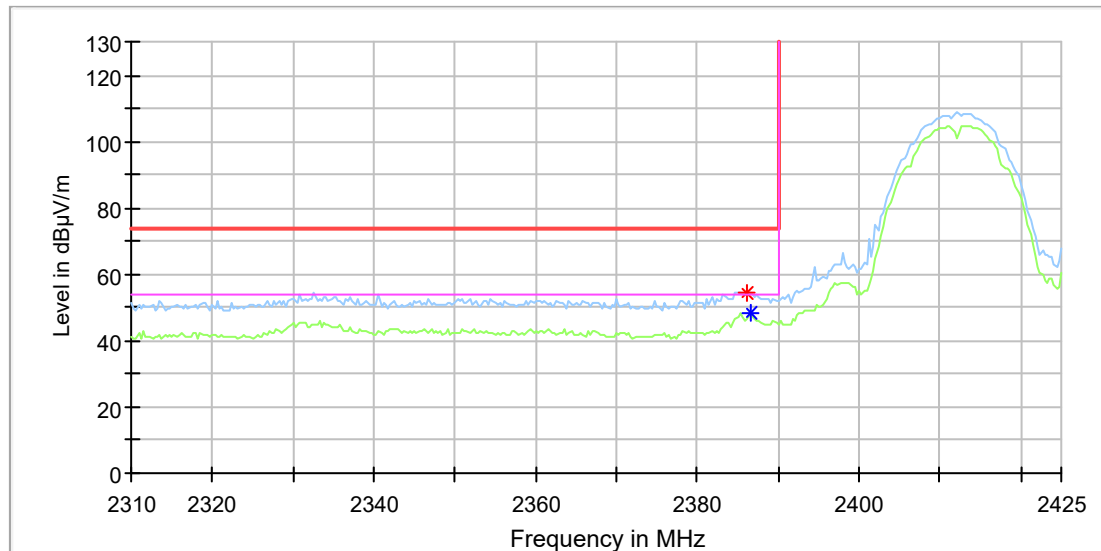
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

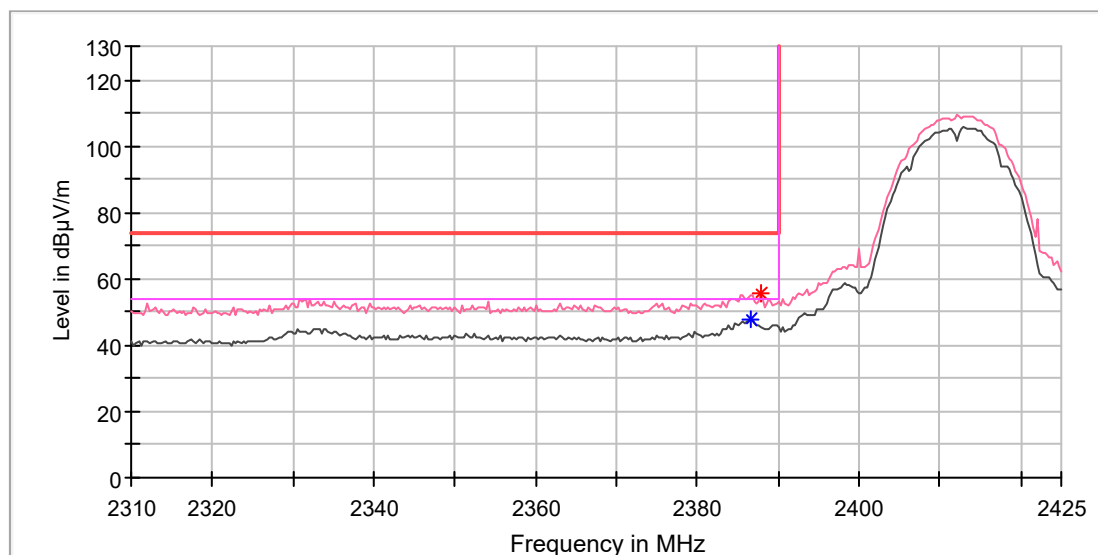
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.176471	54.71	---	74.00	19.29	150.0	H	86.0	8.5
2386.470588	---	48.20	54.00	5.80	150.0	H	141.0	8.5

Final Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

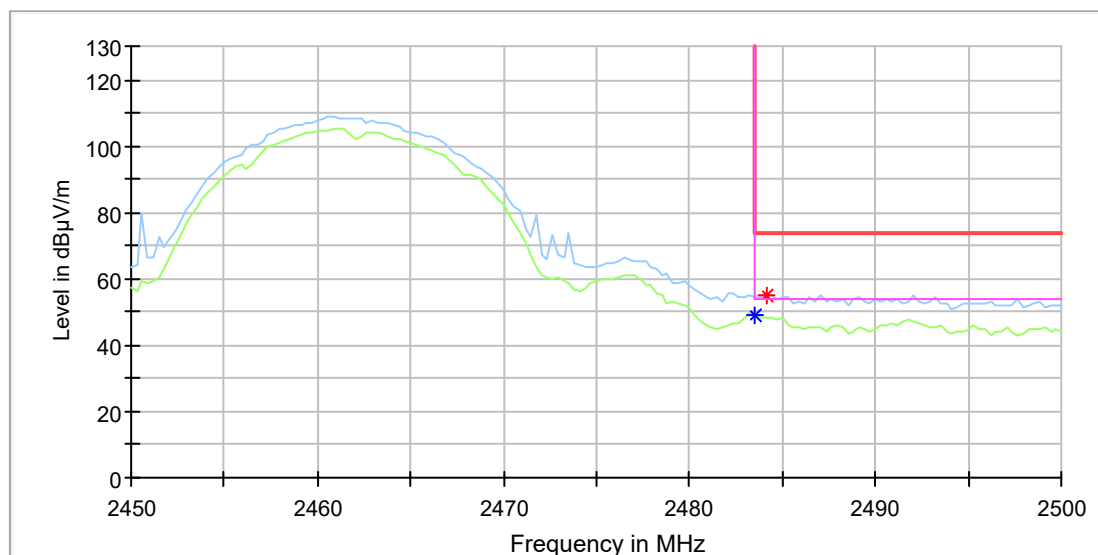
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	47.86	54.00	6.14	150.0	V	285.0	8.5
2387.941177	55.68	---	74.00	18.32	150.0	V	278.0	8.5

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

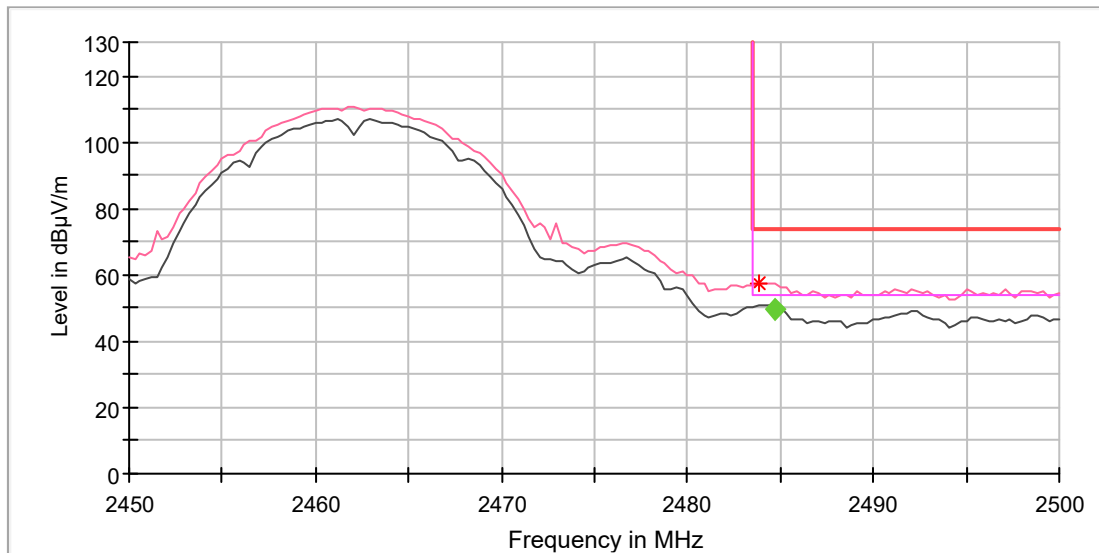
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.89	54.00	5.11	150.0	H	305.0	9.0
2484.117647	55.05	---	74.00	18.95	150.0	H	305.0	9.0

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	57.62	---	74.00	16.38	150.0	V	10.0	9.0

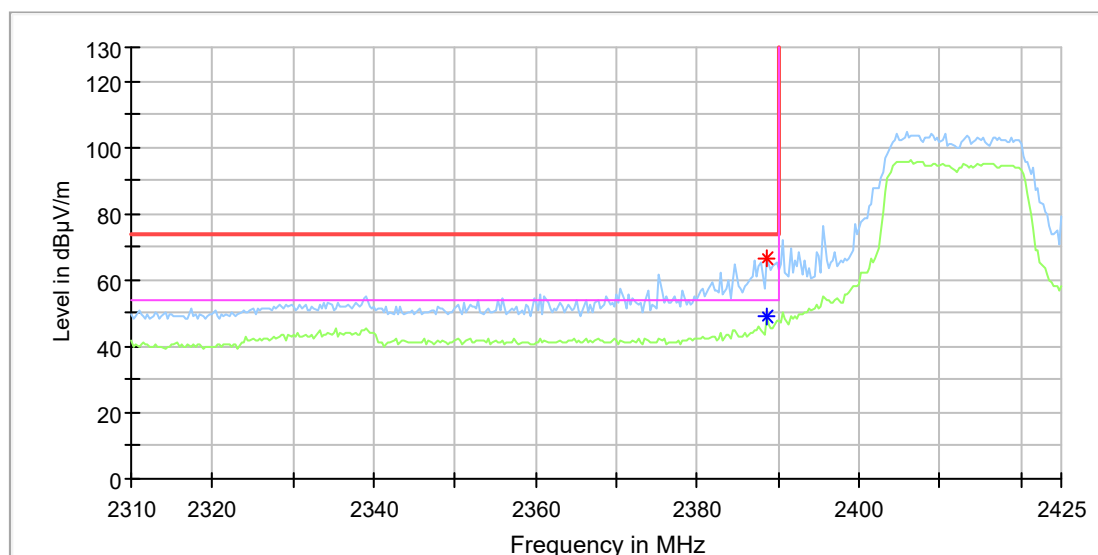
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.674559	49.69	54.00	4.31	148.0	V	5.0	9.0

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

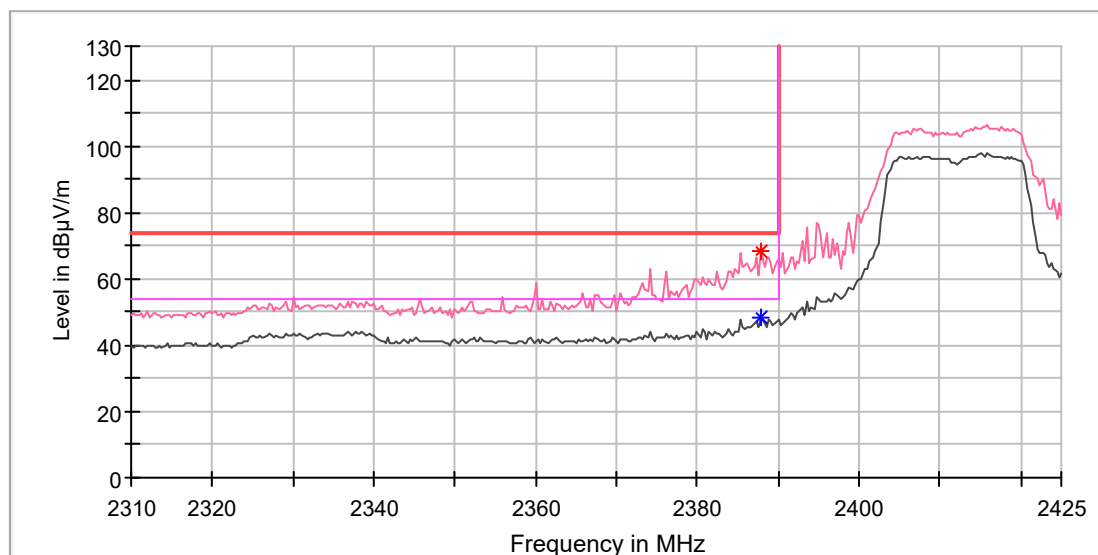
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	66.33	---	74.00	7.67	150.0	H	231.0	8.5
2388.529412	---	48.82	54.00	5.18	150.0	H	231.0	8.5

Final Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

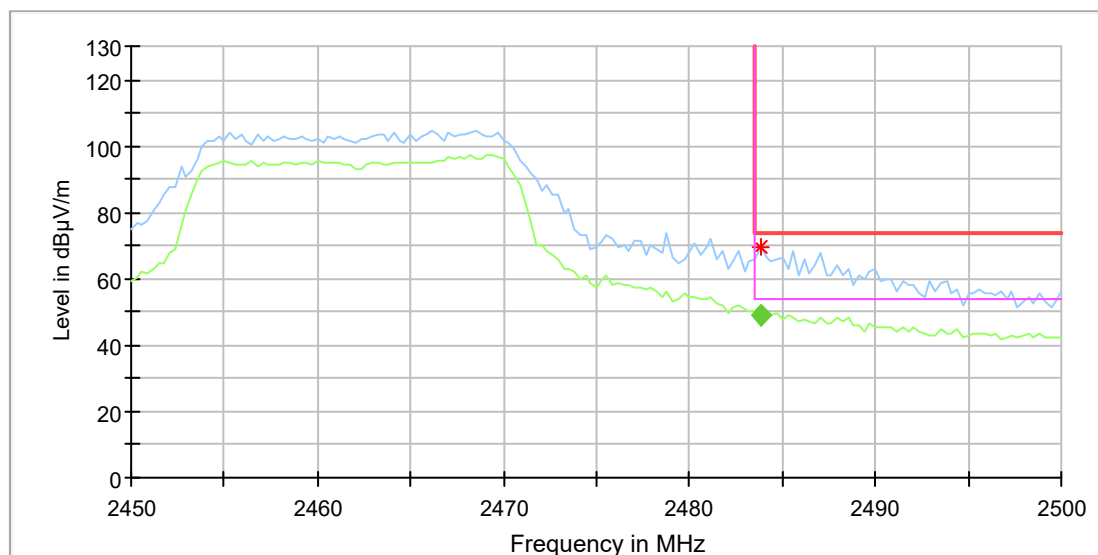
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	68.53	---	74.00	5.47	150.0	V	50.0	8.5
2387.941177	---	48.12	54.00	5.88	150.0	V	50.0	8.5

Final_Result

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

EUT Information

EUT Name: Robot Vacuum Cleaner
Model: S90VER
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168503817/A003820281-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

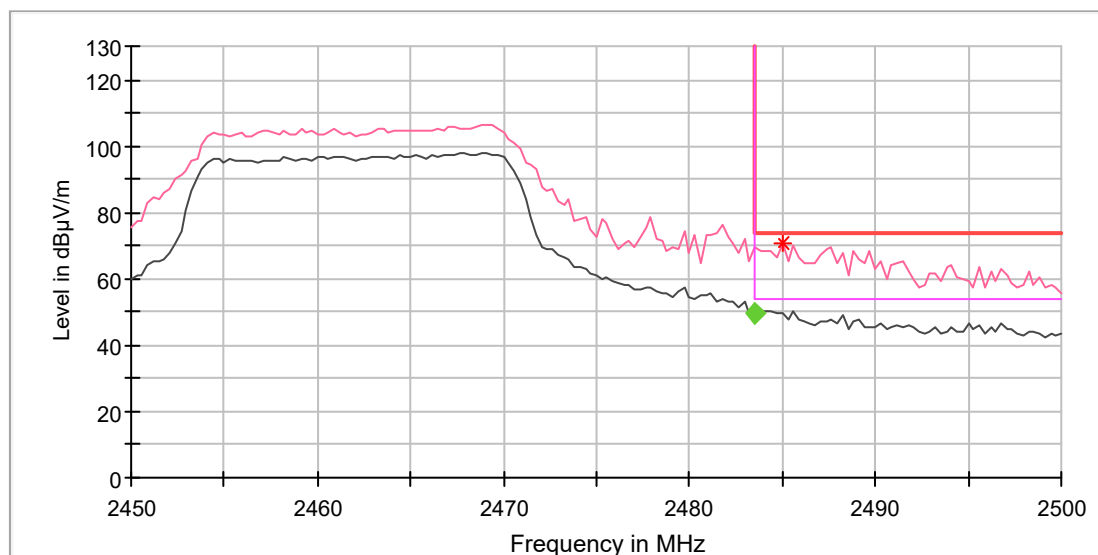
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	69.26	---	74.00	4.74	150.0	H	86.0	9.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	49.18	54.00	4.82	148.0	H	81.0	9.0

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	70.50	---	74.00	3.50	150.0	V	356.0	9.0

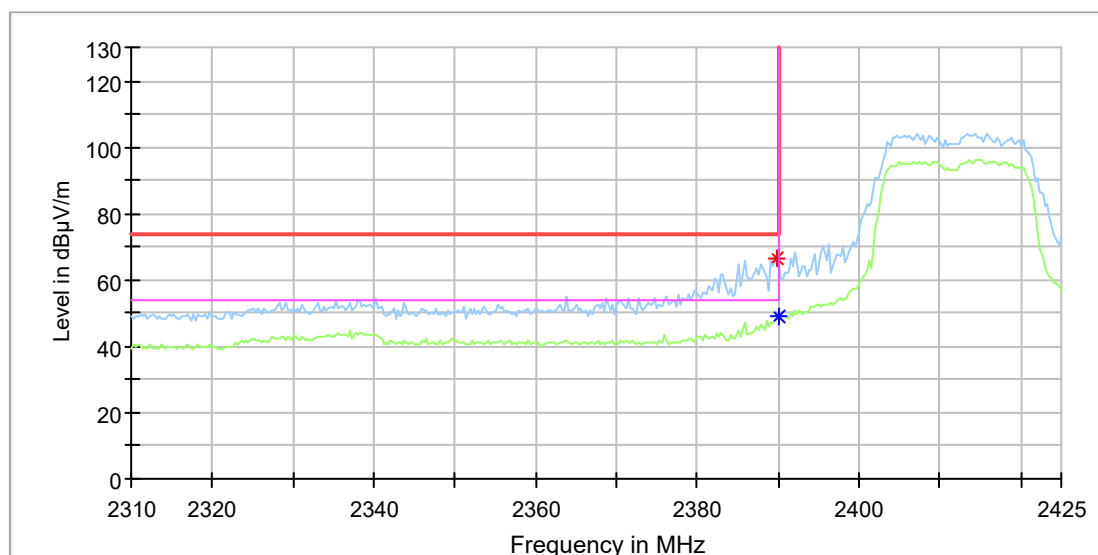
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	49.75	54.00	4.25	155.0	V	169.0	9.0

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

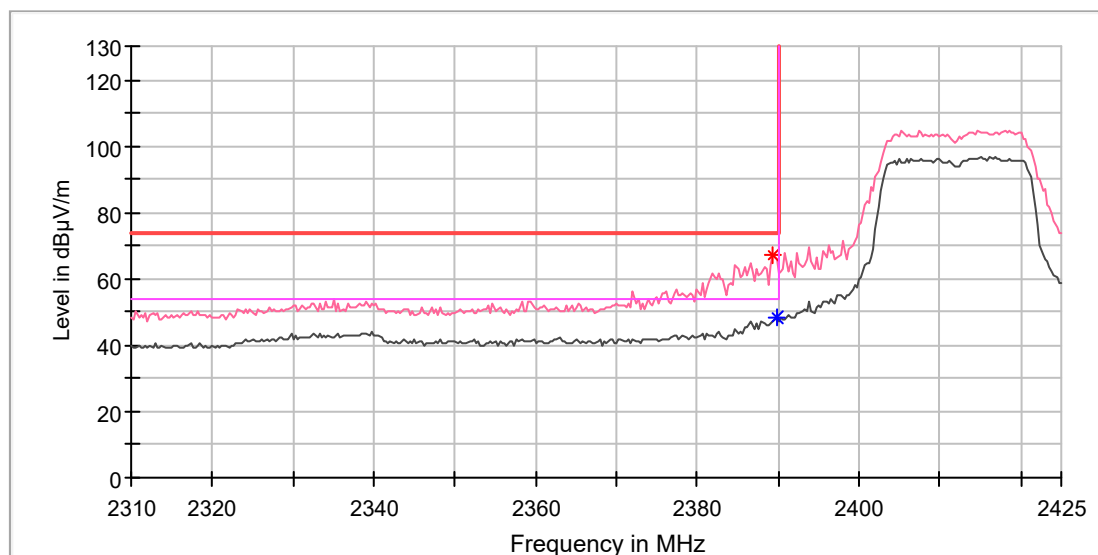
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	66.59	---	74.00	7.41	150.0	H	243.0	8.5
2390.000000	---	48.73	54.00	5.27	150.0	H	77.0	8.5

Final Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

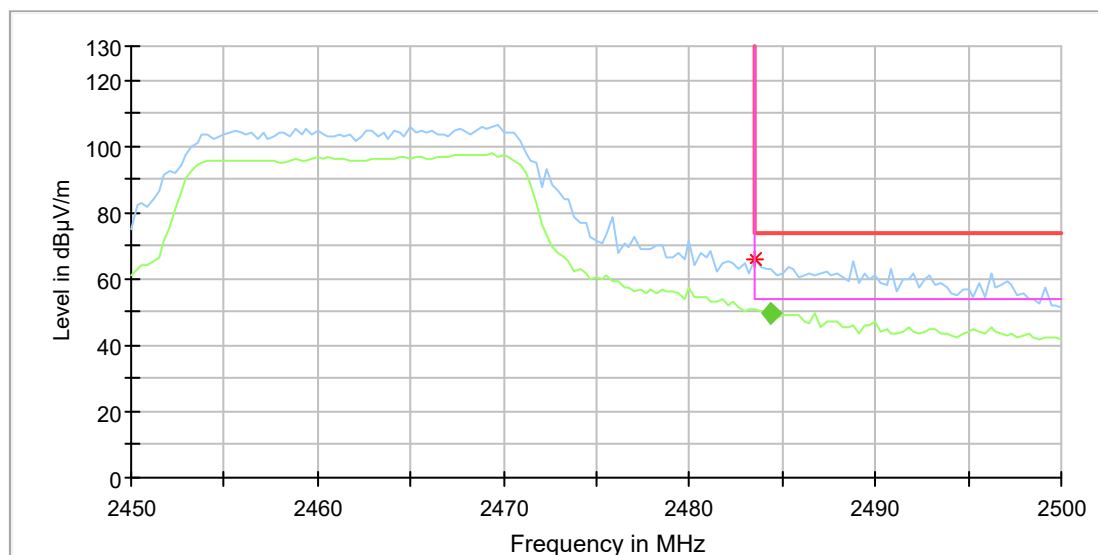
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	67.22	---	74.00	6.78	150.0	V	338.0	8.5
2389.705882	---	48.55	54.00	5.45	150.0	V	338.0	8.5

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

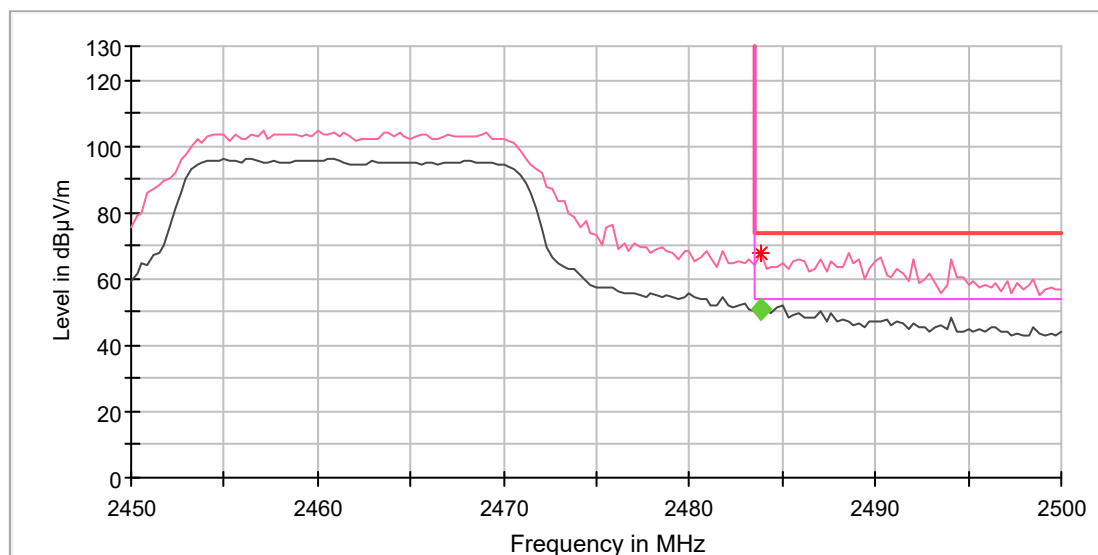
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	66.10	---	74.00	7.90	150.0	H	252.0	9.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	49.83	54.00	4.17	151.0	H	247.0	9.0

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	67.82	---	74.00	6.18	150.0	V	163.0	9.0

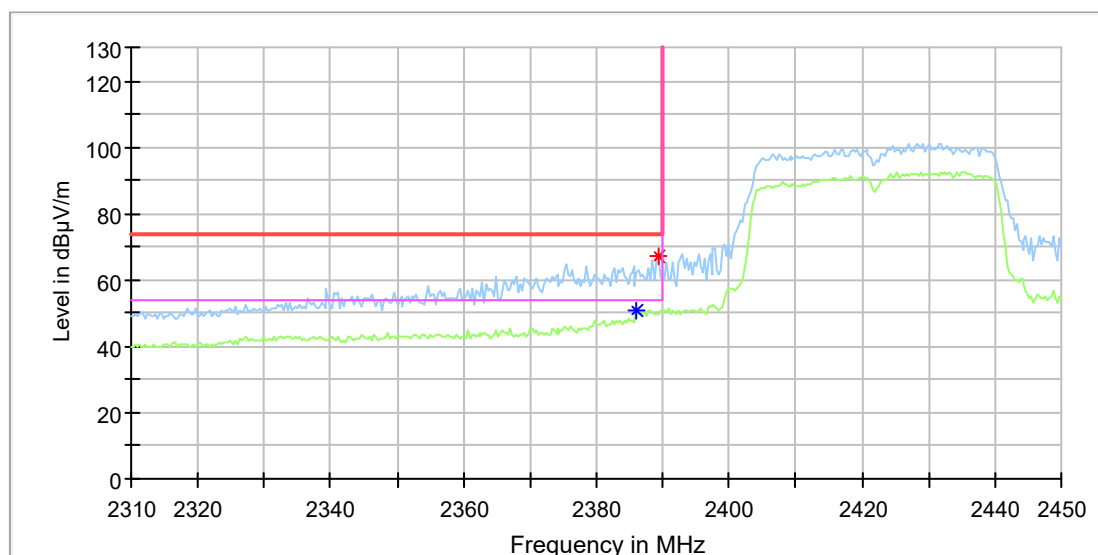
Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	50.80	54.00	3.20	148.0	V	158.0	9.0

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

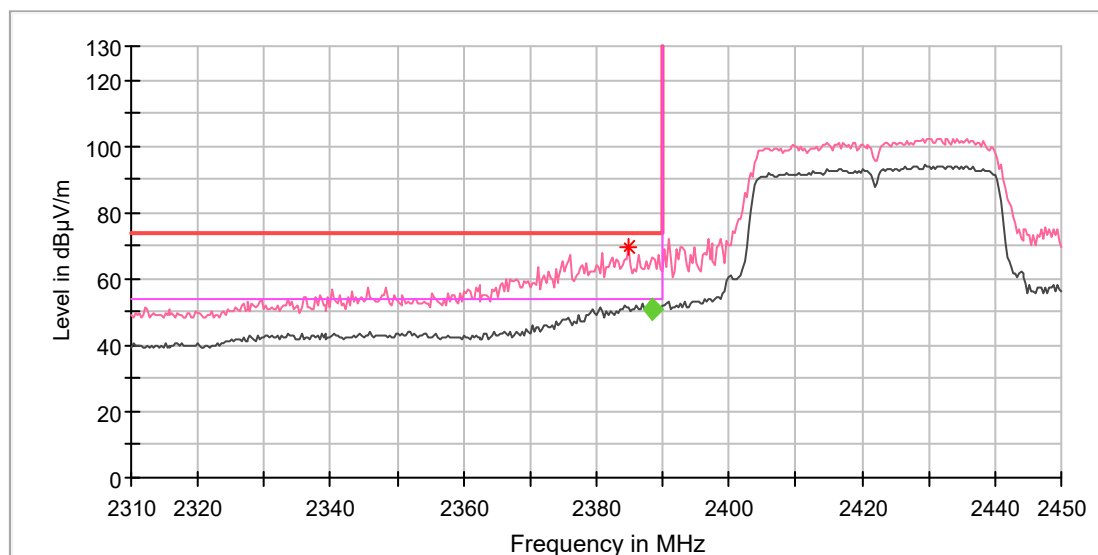
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.176471	---	50.95	54.00	3.05	150.0	H	268.0	8.5
2389.411765	67.22	---	74.00	6.78	150.0	H	275.0	8.5

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:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

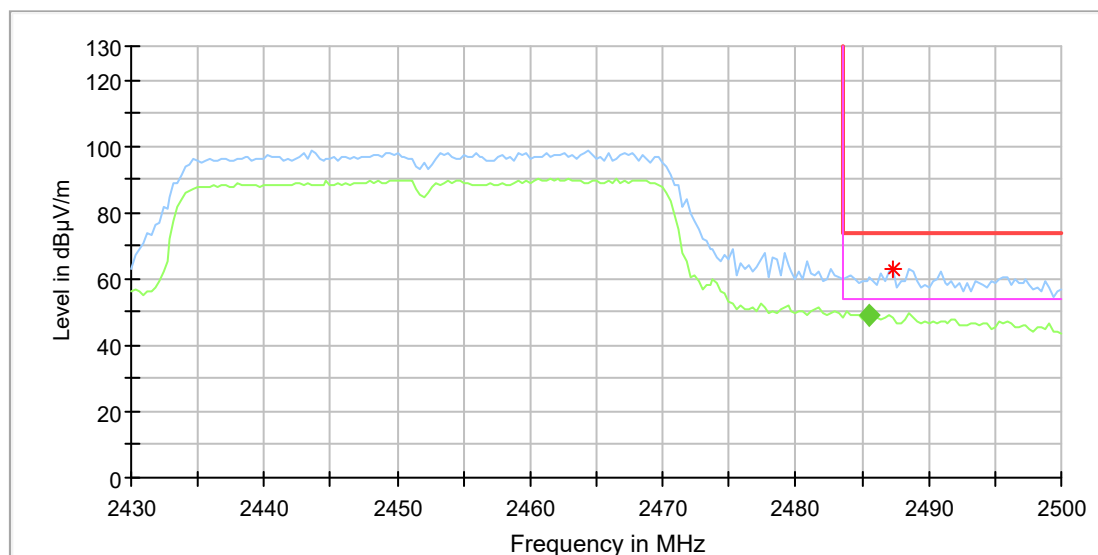
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2384.705882	69.59	---	74.00	4.41	150.0	V	119.0	8.5

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	50.71	54.00	3.29	149.0	V	120.0	8.5

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

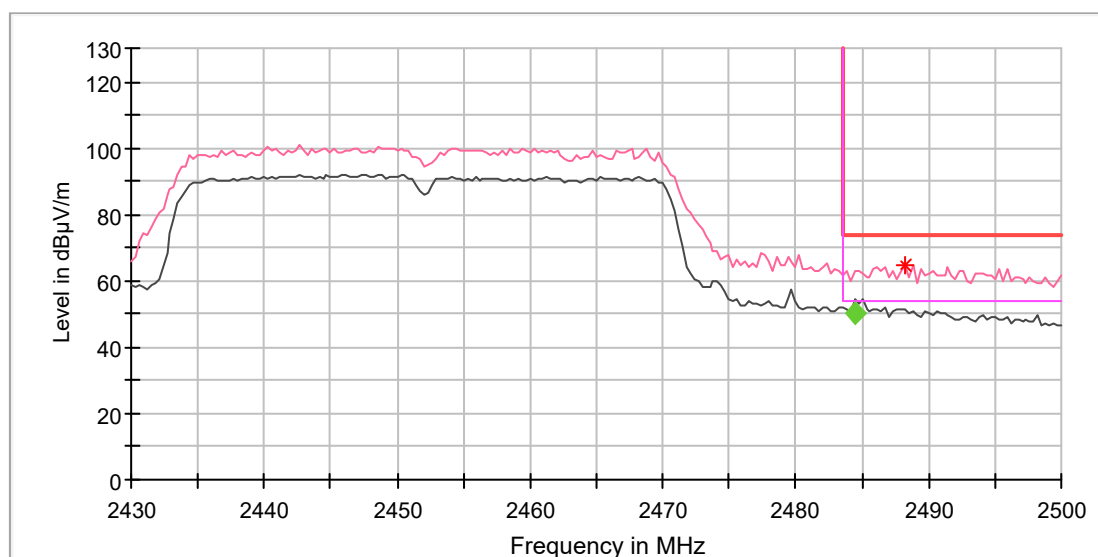
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.352941	62.81	---	74.00	11.19	150.0	H	53.0	9.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	48.91	54.00	5.09	147.0	H	48.0	9.0

EUT Information

EUT Name:	Robot Vacuum Cleaner
Model:	S90VER
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168503817/A003820281-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.235294	64.52	---	74.00	9.48	150.0	V	168.0	9.0

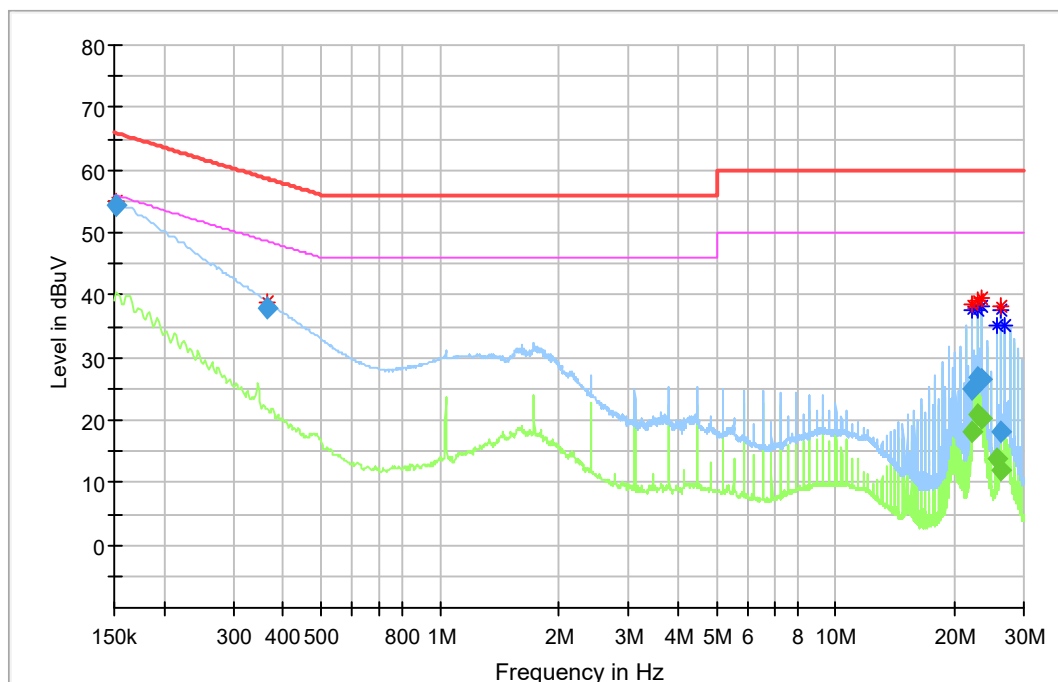
Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	50.36	54.00	3.64	147.0	V	227.0	9.0

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

Common Information

EUT Name: Robotic Vacuum Cleaner
Model: S90VER
Test Mode: Charging and Wireless link
Test Voltage: AC 120V, 60Hz

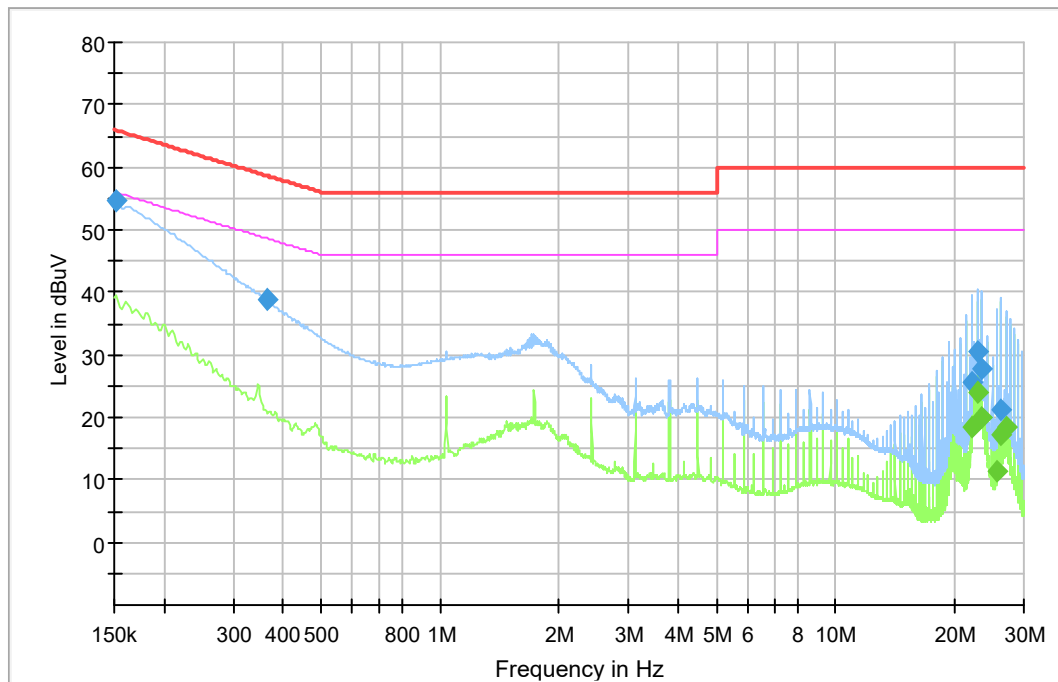


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152250	54.37	---	65.88	11.51	1000.0	9.000	L1	10.3
0.366000	38.06	---	58.59	20.53	1000.0	9.000	L1	10.3
22.103250	25.06	---	60.00	34.94	1000.0	9.000	L1	11.1
22.794000	26.91	---	60.00	33.09	1000.0	9.000	L1	11.1
23.484750	26.43	---	60.00	33.57	1000.0	9.000	L1	11.1
26.247750	18.30	---	60.00	41.70	1000.0	9.000	L1	11.2
22.103250	---	18.10	50.00	31.90	1000.0	9.000	L1	11.1
22.794000	---	21.04	50.00	28.96	1000.0	9.000	L1	11.1
23.484750	---	20.26	50.00	29.74	1000.0	9.000	L1	11.1
25.557000	---	13.82	50.00	36.18	1000.0	9.000	L1	11.2
26.247750	---	11.98	50.00	38.02	1000.0	9.000	L1	11.2

Common Information

EUT Name: Robotic Vacuum Cleaner
Model: S90VER
Test Mode: Charging and Wireless link
Test Voltage: AC 120V, 60Hz



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152250	54.64	---	65.88	11.24	1000.0	9.000	N	10.2
0.363750	38.92	---	58.64	19.72	1000.0	9.000	N	10.4
22.152750	---	18.56	50.00	31.44	1000.0	9.000	N	11.4
22.152750	25.71	---	60.00	34.29	1000.0	9.000	N	11.4
22.845750	---	23.89	50.00	26.11	1000.0	9.000	N	11.4
22.845750	30.64	---	60.00	29.36	1000.0	9.000	N	11.4
23.538750	---	20.04	50.00	29.96	1000.0	9.000	N	11.4
23.538750	27.83	---	60.00	32.17	1000.0	9.000	N	11.4
25.615500	---	11.47	50.00	38.53	1000.0	9.000	N	11.6
26.306250	---	17.35	50.00	32.65	1000.0	9.000	N	11.6
26.306250	21.33	---	60.00	38.67	1000.0	9.000	N	11.6
26.999250	---	18.51	50.00	31.49	1000.0	9.000	N	11.6