

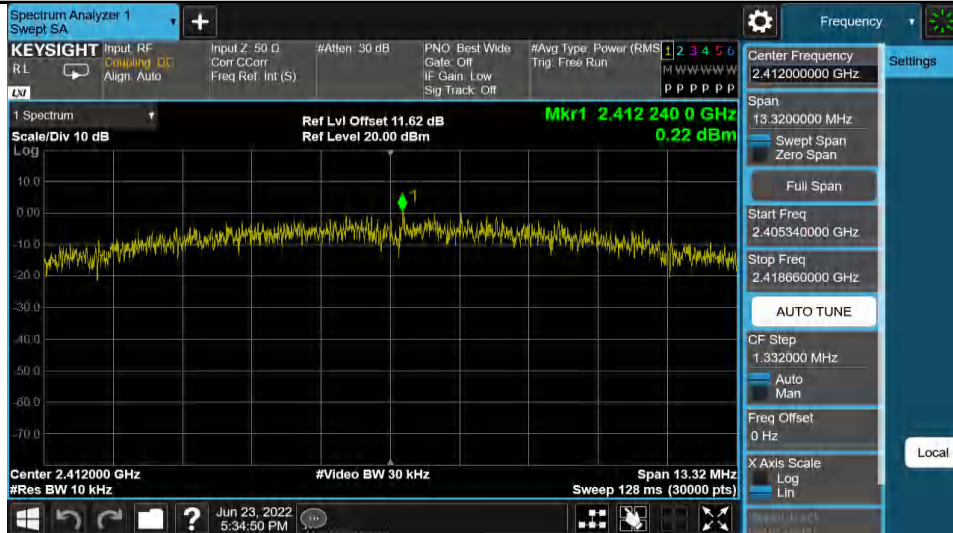
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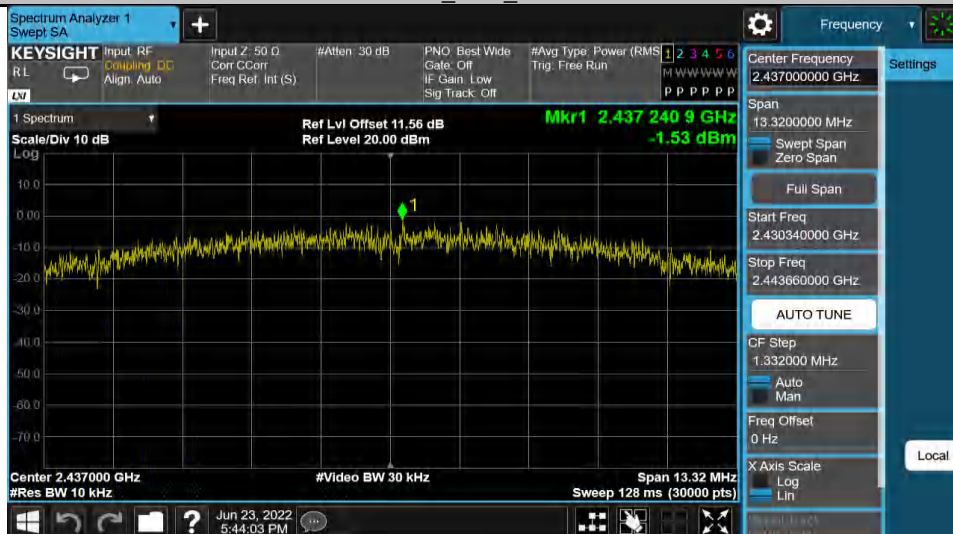
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	0.22	≤8.00	PASS
		2437	-1.53	≤8.00	PASS
		2462	-1.80	≤8.00	PASS
11G	Ant1	2412	-6.81	≤8.00	PASS
		2437	-5.87	≤8.00	PASS
		2462	-7.14	≤8.00	PASS
11N20SISO	Ant1	2412	-6.91	≤8.00	PASS
		2437	-4.59	≤8.00	PASS
		2462	-8.98	≤8.00	PASS
11N40SISO	Ant1	2422	-11.01	≤8.00	PASS
		2437	-8.90	≤8.00	PASS
		2452	-12.73	≤8.00	PASS

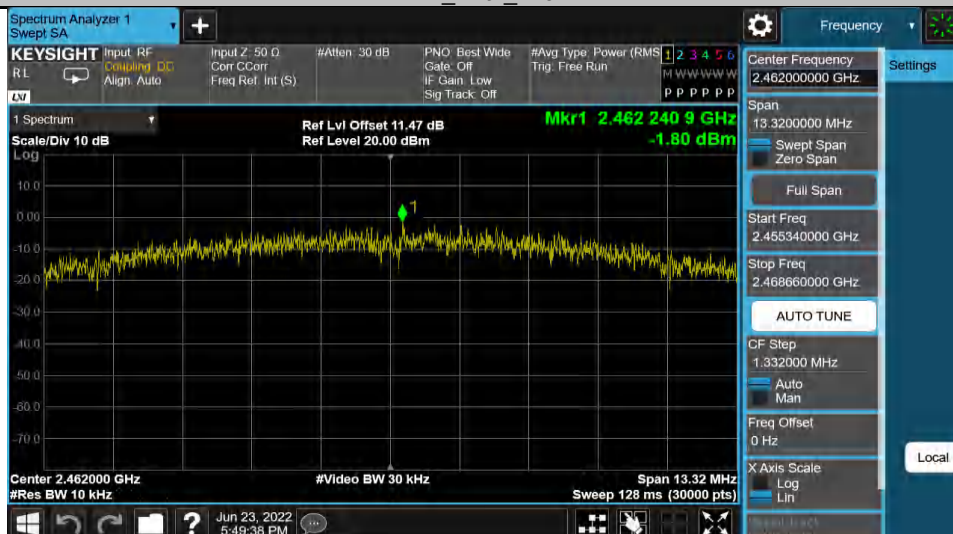
11B_Ant1_2412



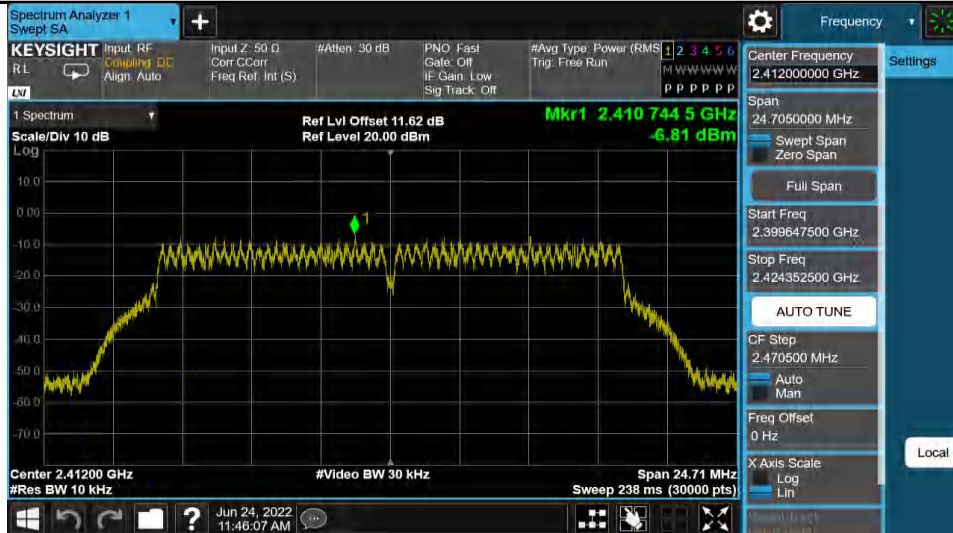
11B_Ant1_2437



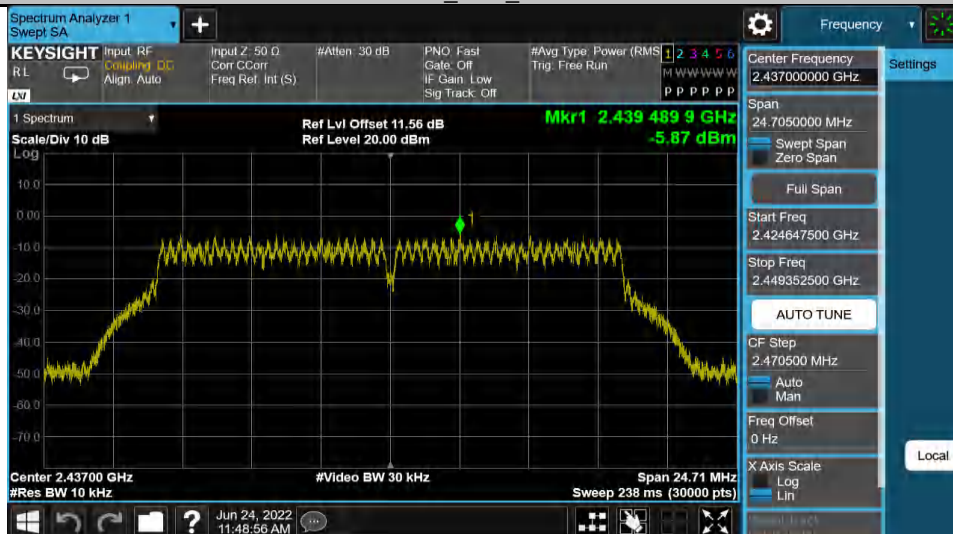
11B_Ant1_2462



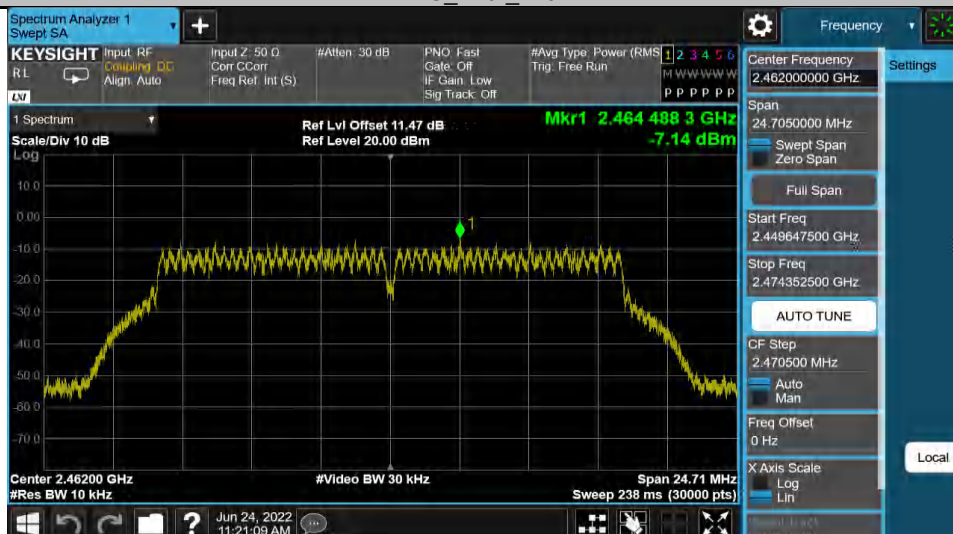
11G_Ant1_2412



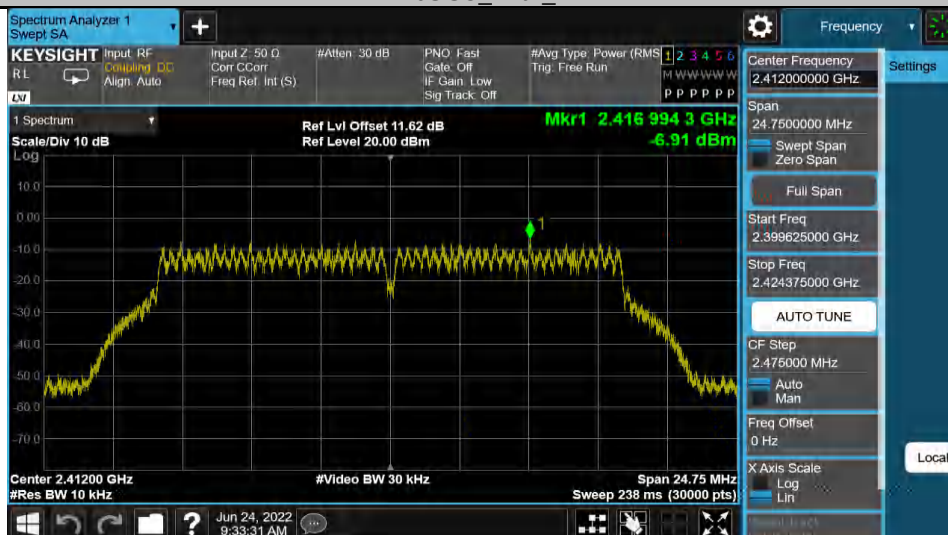
11G_Ant1_2437



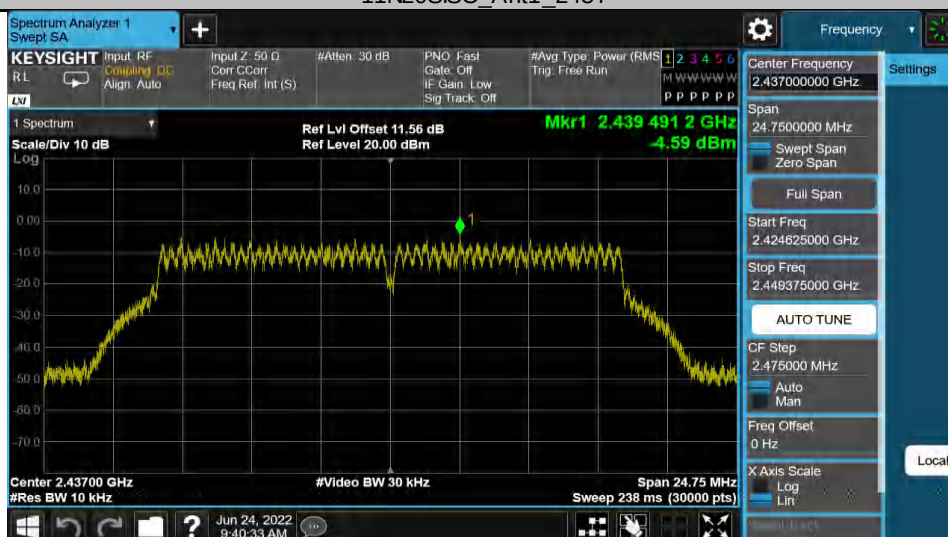
11G_Ant1_2462



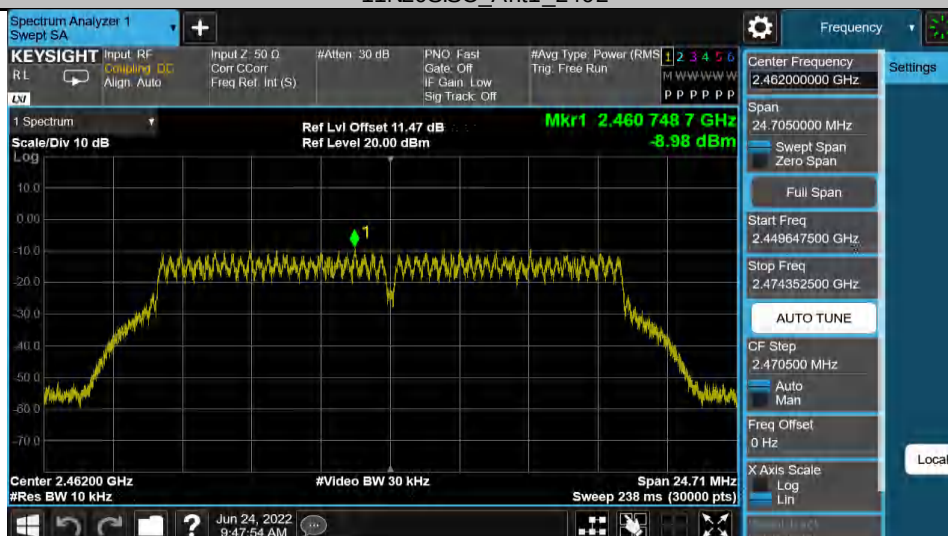
11N20SISO_Ant1_2412



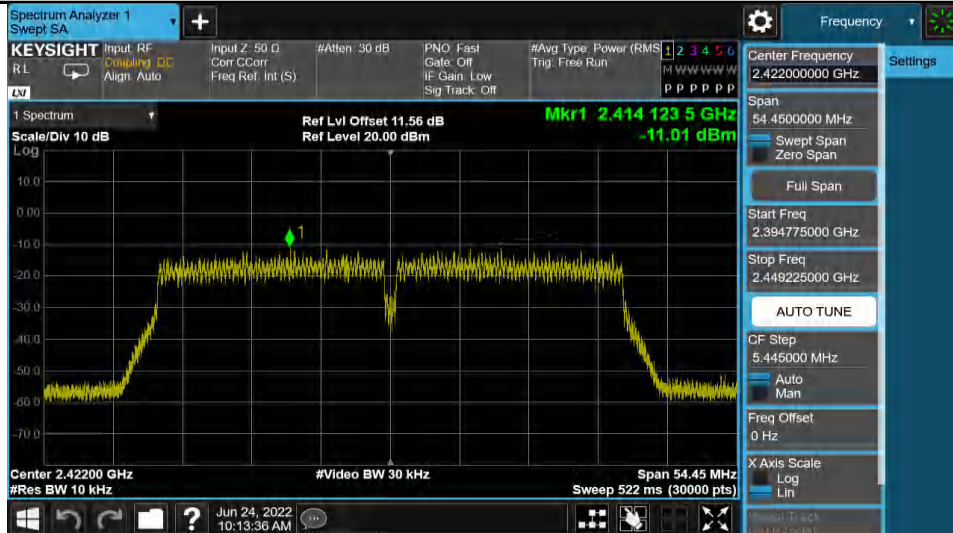
11N20SISO_Ant1_2437



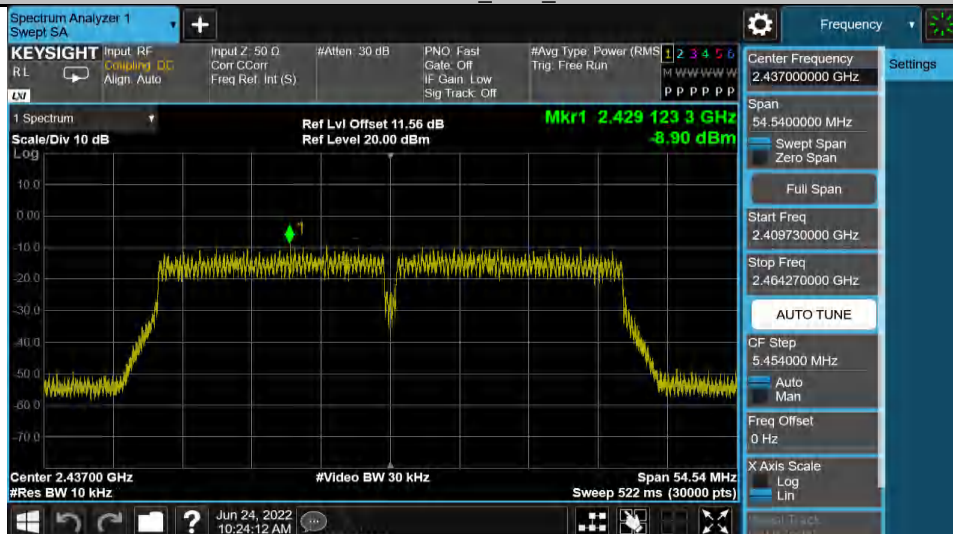
11N20SISO_Ant1_2462



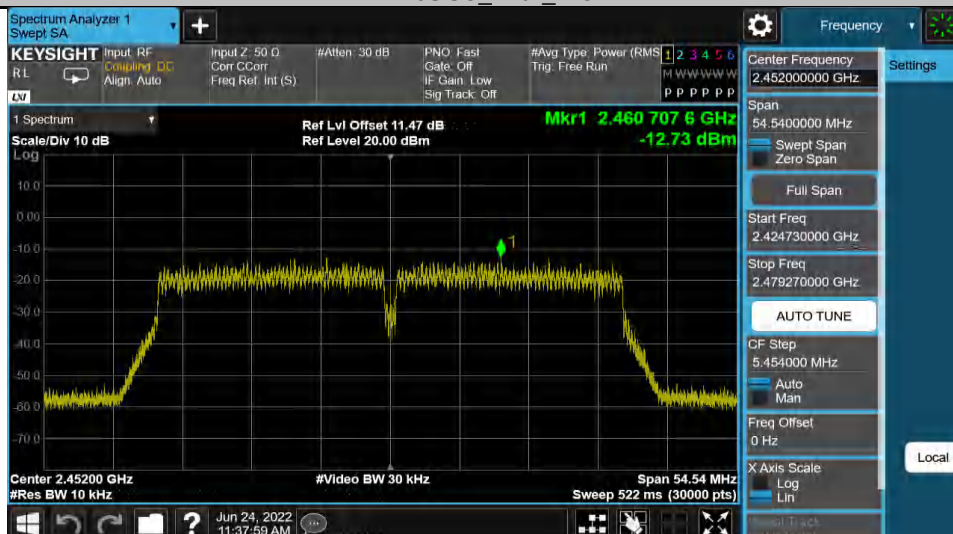
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.880	2407.860	2416.740	0.5	PASS
		2437	8.880	2432.860	2441.740	0.5	PASS
		2462	8.880	2457.860	2466.740	0.5	PASS
11G	Ant1	2412	16.470	2403.750	2420.220	0.5	PASS
		2437	16.470	2428.750	2445.220	0.5	PASS
		2462	16.470	2453.750	2470.220	0.5	PASS
11N20SISO	Ant1	2412	16.500	2403.750	2420.250	0.5	PASS
		2437	16.500	2428.750	2445.250	0.5	PASS
		2462	16.470	2453.750	2470.220	0.5	PASS
11N40SISO	Ant1	2422	36.300	2403.880	2440.180	0.5	PASS
		2437	36.360	2418.820	2455.180	0.5	PASS
		2452	36.360	2433.820	2470.180	0.5	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



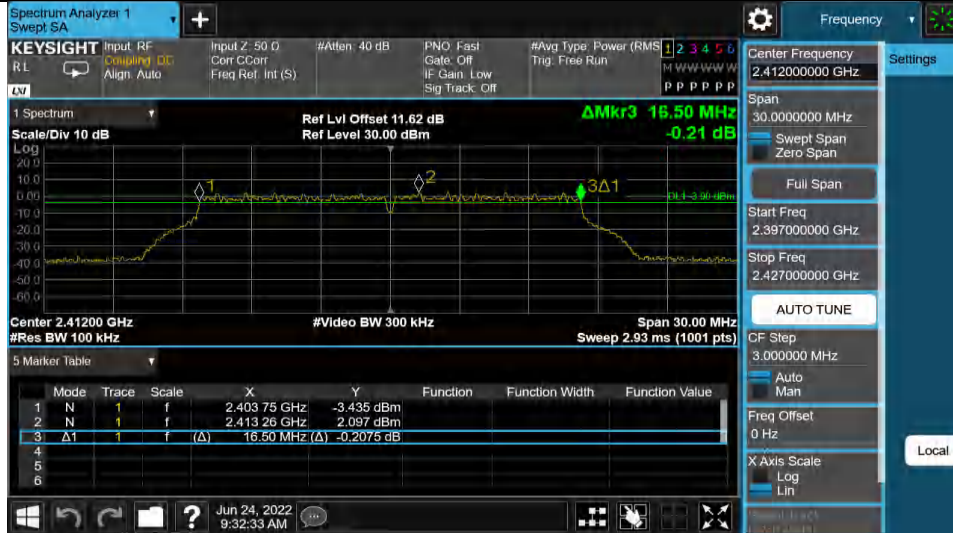
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



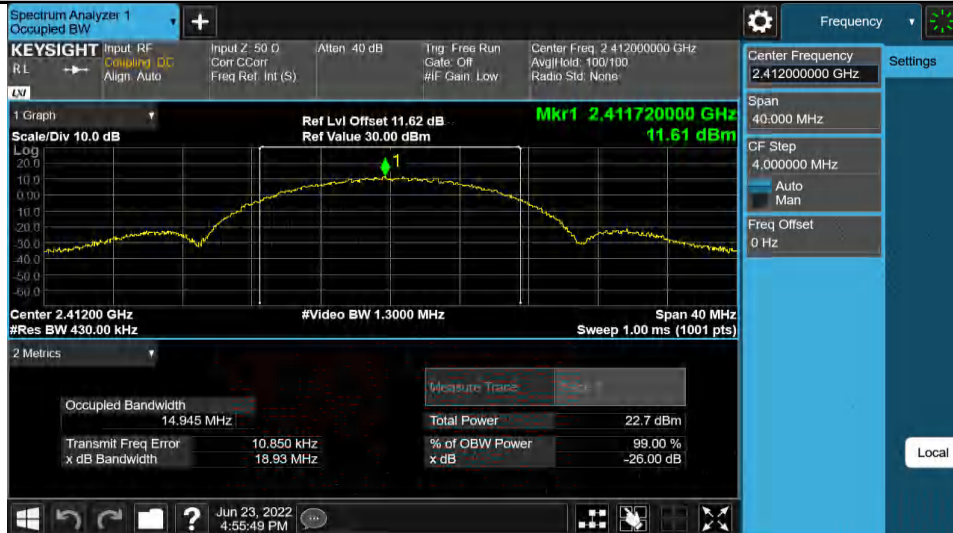
11N40SISO_Ant1_2452



Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.945	2404.538	2419.483	---	PASS
		2437	14.963	2429.480	2444.443	---	PASS
		2462	14.897	2454.546	2469.443	---	PASS
11G	Ant1	2412	16.944	2403.485	2420.429	---	PASS
		2437	16.993	2428.470	2445.463	---	PASS
		2462	16.925	2453.516	2470.441	---	PASS
11N20SISO	Ant1	2412	16.913	2403.544	2420.457	---	PASS
		2437	17.003	2428.487	2445.490	---	PASS
		2462	16.985	2453.461	2470.446	---	PASS
11N40SISO	Ant1	2422	36.404	2403.763	2440.167	---	PASS
		2437	36.379	2418.804	2455.183	---	PASS
		2452	36.371	2433.817	2470.188	---	PASS

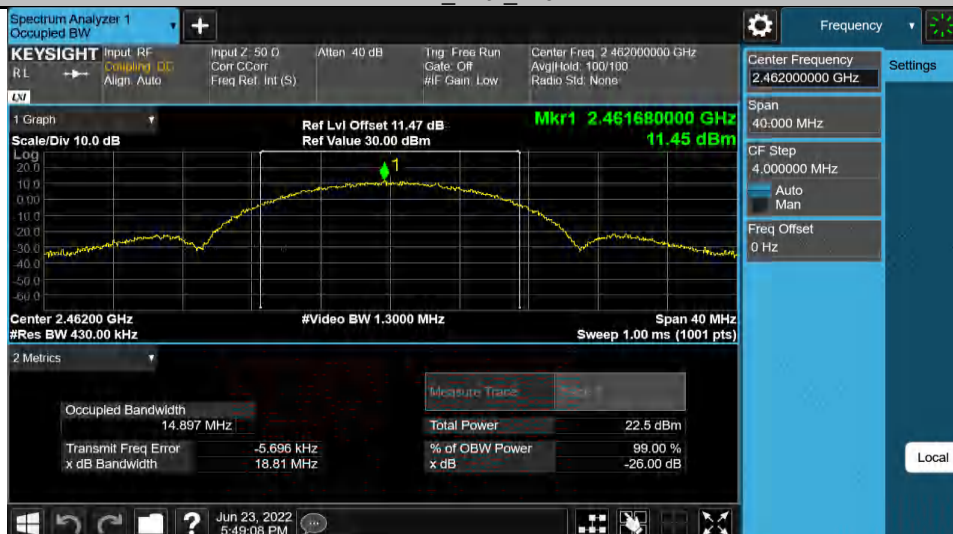
11B_Ant1_2412



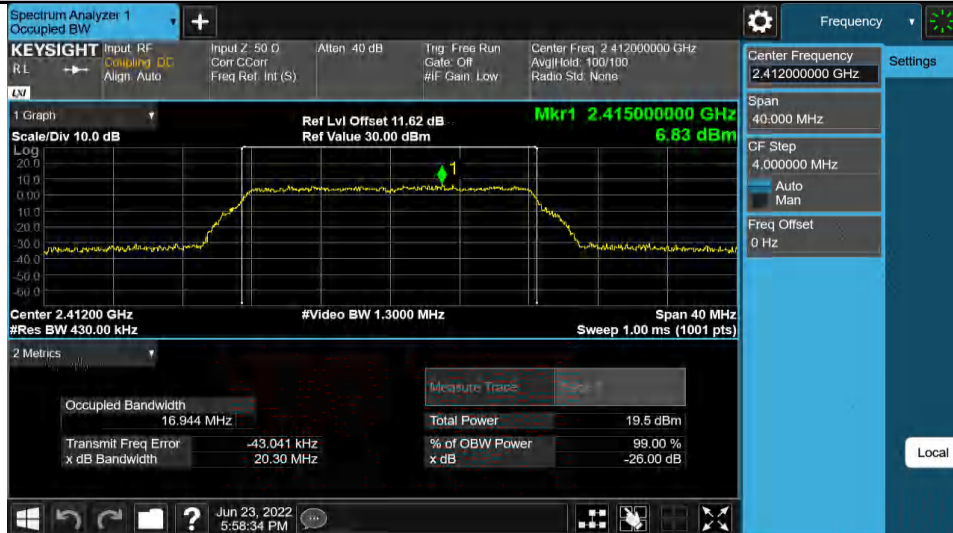
11B_Ant1_2437



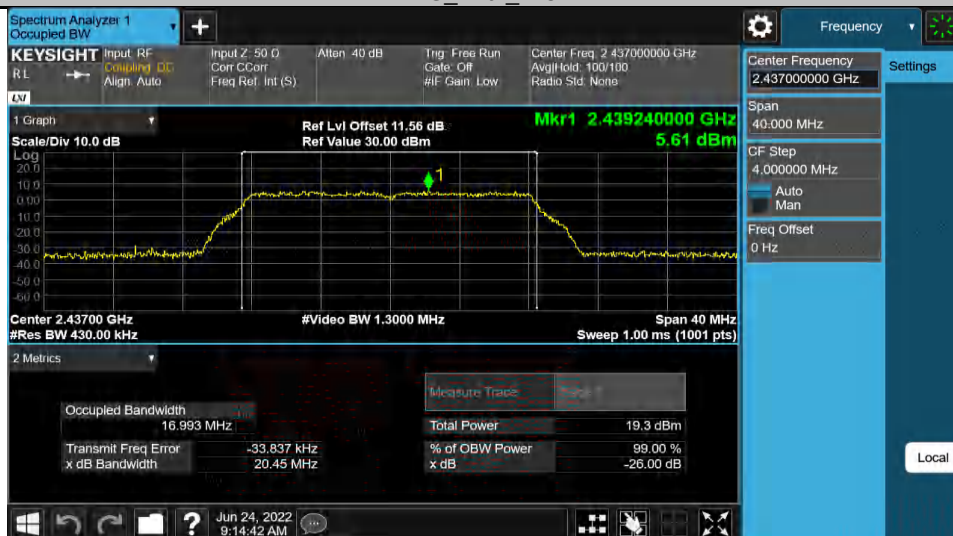
11B_Ant1_2462



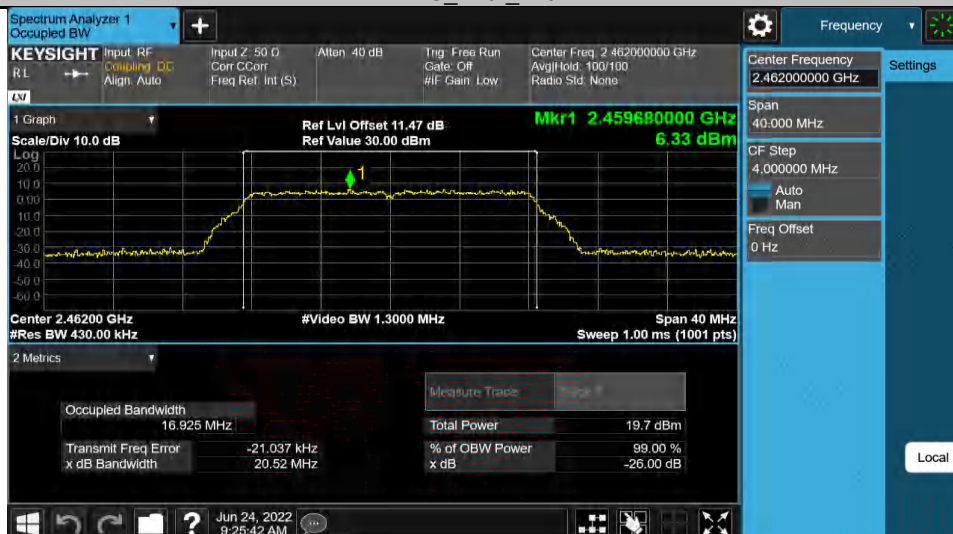
11G_Ant1_2412



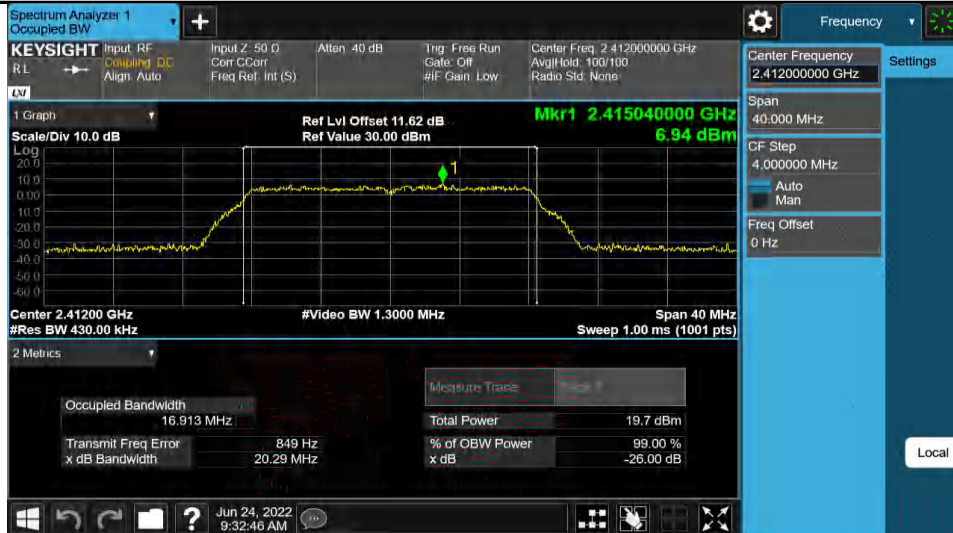
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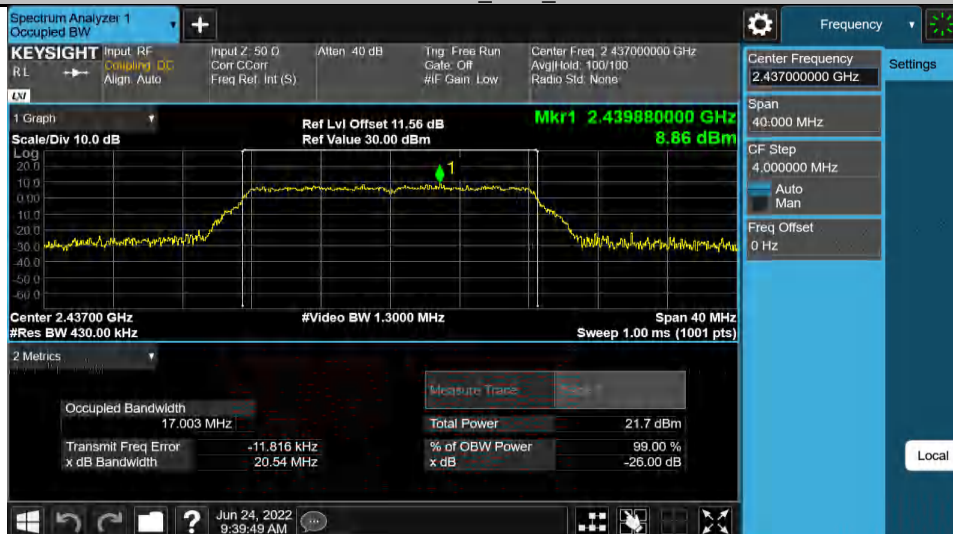
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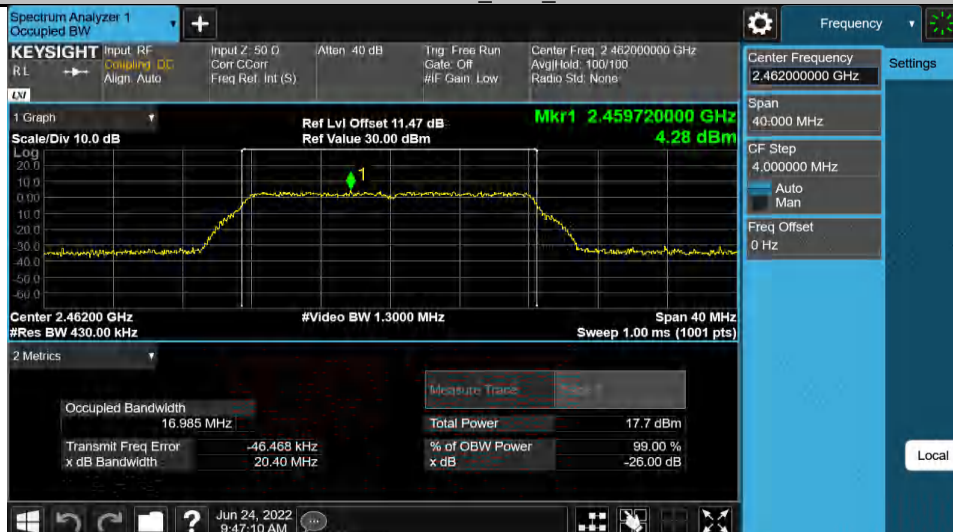
11N20SISO_Ant1_2412



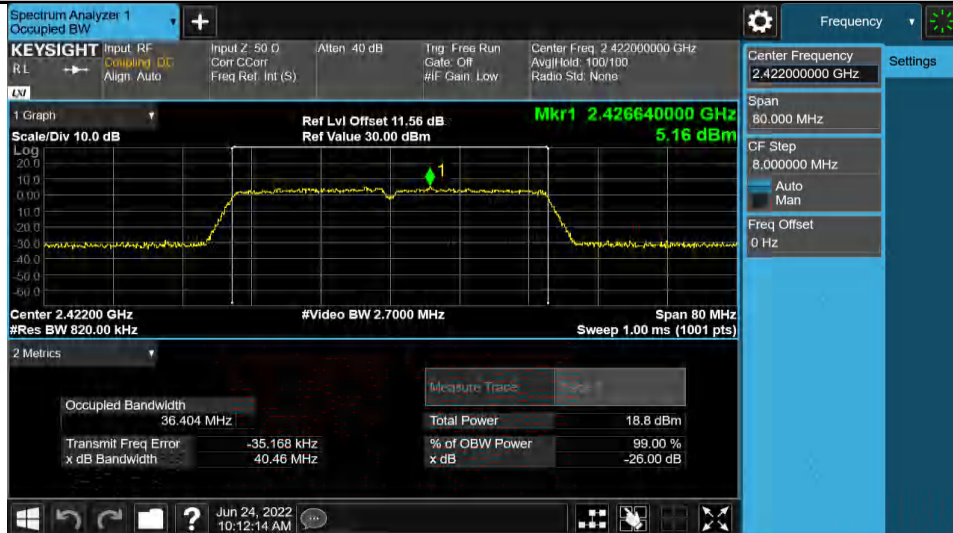
11N20SISO_Ant1_2437



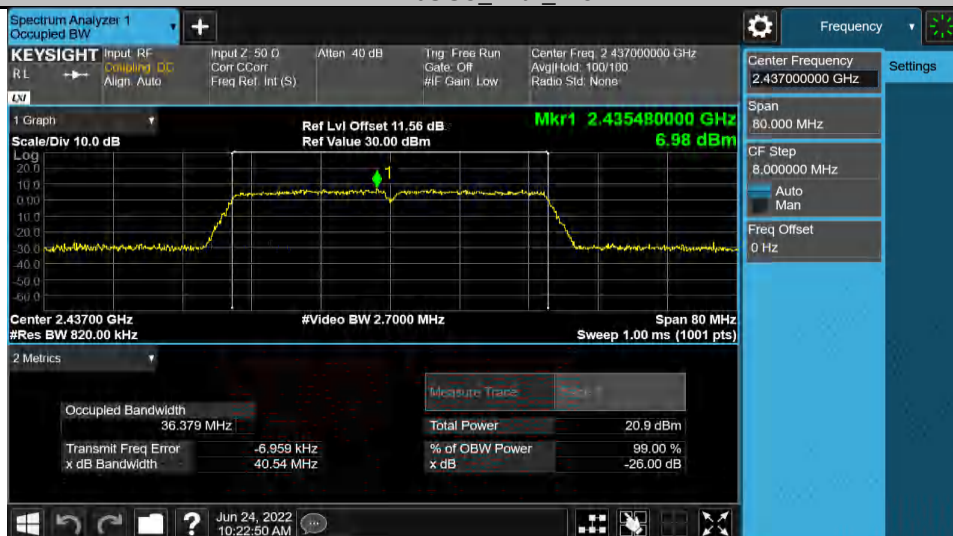
11N20SISO_Ant1_2462



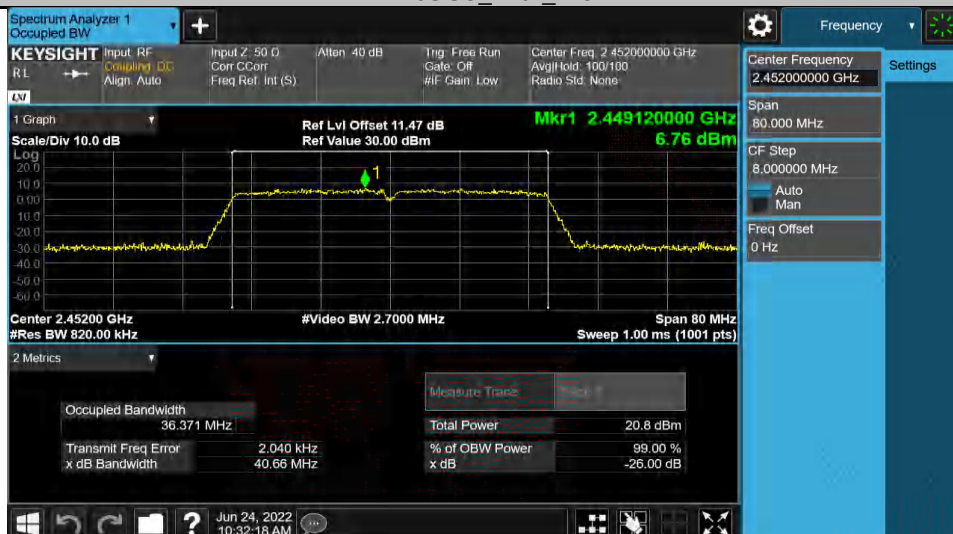
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

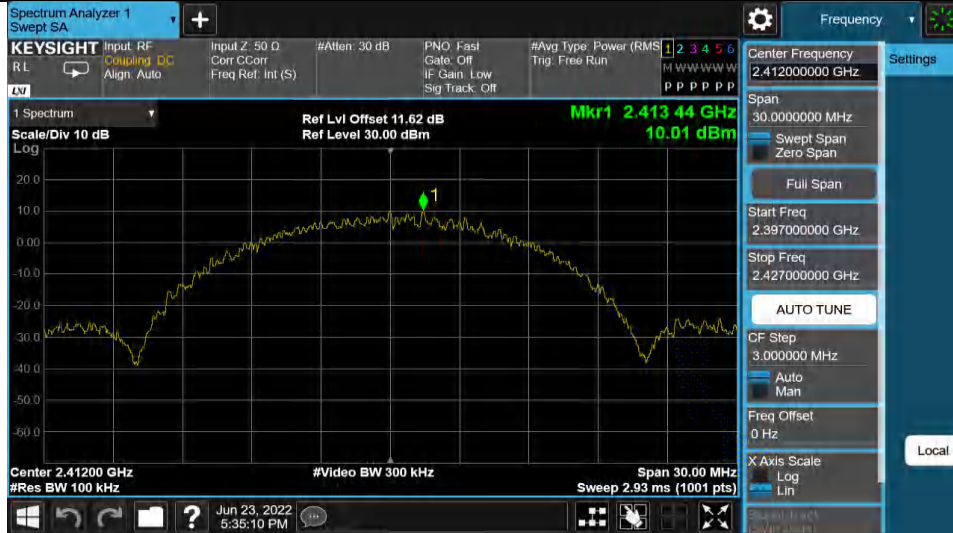


Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

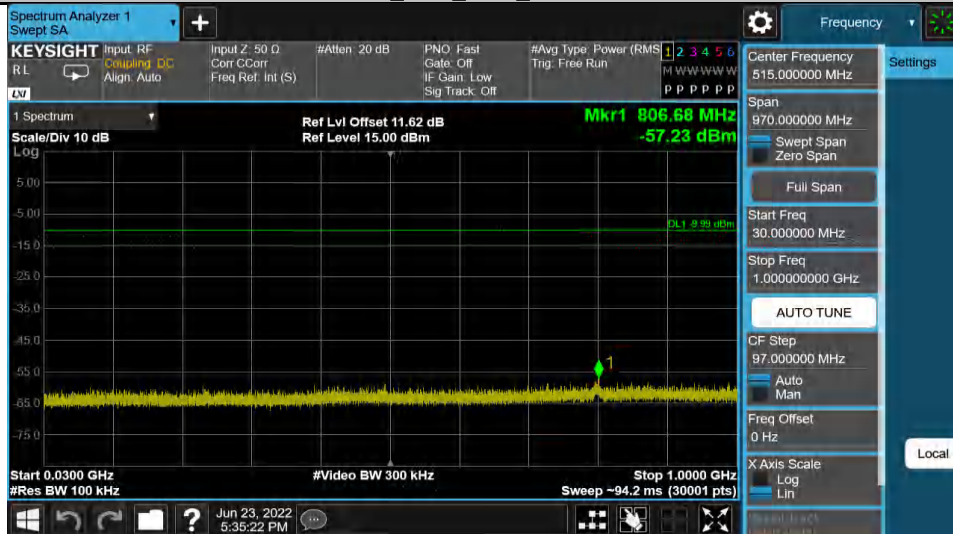
Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.01	10.01	---	PASS
			30~1000	10.01	-57.23	≤-9.99	PASS
			1000~26500	10.01	-40.26	≤-9.99	PASS
		2437	Reference	8.23	8.23	---	PASS
			30~1000	8.23	-57.26	≤-11.77	PASS
			1000~26500	8.23	-43.01	≤-11.77	PASS
		2462	Reference	7.96	7.96	---	PASS
			30~1000	7.96	-58.22	≤-12.04	PASS
			1000~26500	7.96	-45.22	≤-12.04	PASS
11G	Ant1	2412	Reference	1.86	1.86	---	PASS
			30~1000	1.86	-58.49	≤-18.14	PASS
			1000~26500	1.86	-49.71	≤-18.14	PASS
		2437	Reference	3.70	3.70	---	PASS
			30~1000	3.70	-58.66	≤-16.3	PASS
			1000~26500	3.70	-49.76	≤-16.3	PASS
		2462	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-58.21	≤-18.29	PASS
			1000~26500	1.71	-49.99	≤-18.29	PASS
11N20SISO	Ant1	2412	Reference	2.14	2.14	---	PASS
			30~1000	2.14	-58.46	≤-17.86	PASS
			1000~26500	2.14	-49.4	≤-17.86	PASS
		2437	Reference	4.16	4.16	---	PASS
			30~1000	4.16	-58.62	≤-15.84	PASS
			1000~26500	4.16	-48.78	≤-15.84	PASS
		2462	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-58.42	≤-19.97	PASS
			1000~26500	0.03	-49.52	≤-19.97	PASS
11N40SISO	Ant1	2422	Reference	-2.43	-2.43	---	PASS
			30~1000	-2.43	-57.97	≤-22.43	PASS
			1000~26500	-2.43	-49.64	≤-22.43	PASS
		2437	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-57.63	≤-20.41	PASS
			1000~26500	-0.41	-49.51	≤-20.41	PASS
		2452	Reference	-3.88	-3.88	---	PASS
			30~1000	-3.88	-58.63	≤-23.88	PASS
			1000~26500	-3.88	-49.49	≤-23.88	PASS

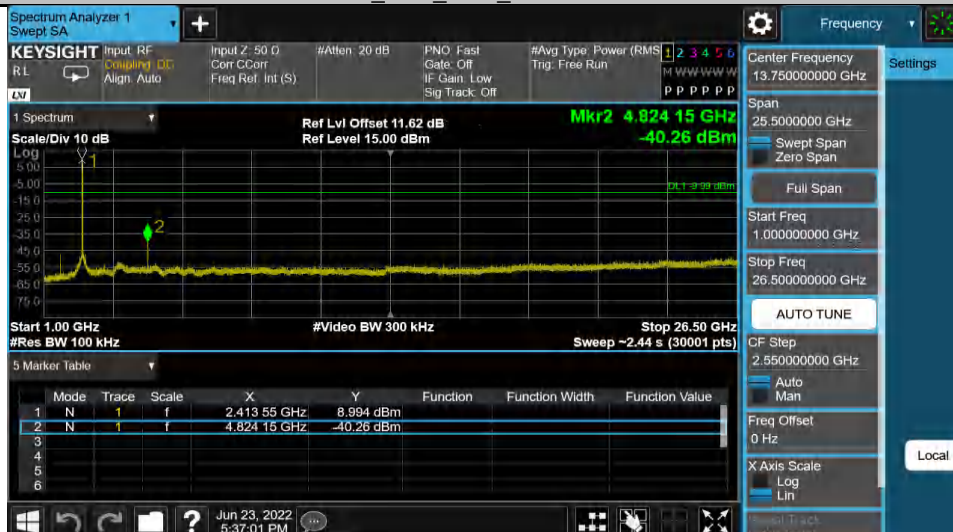
11B_Ant1_2412_0-Reference



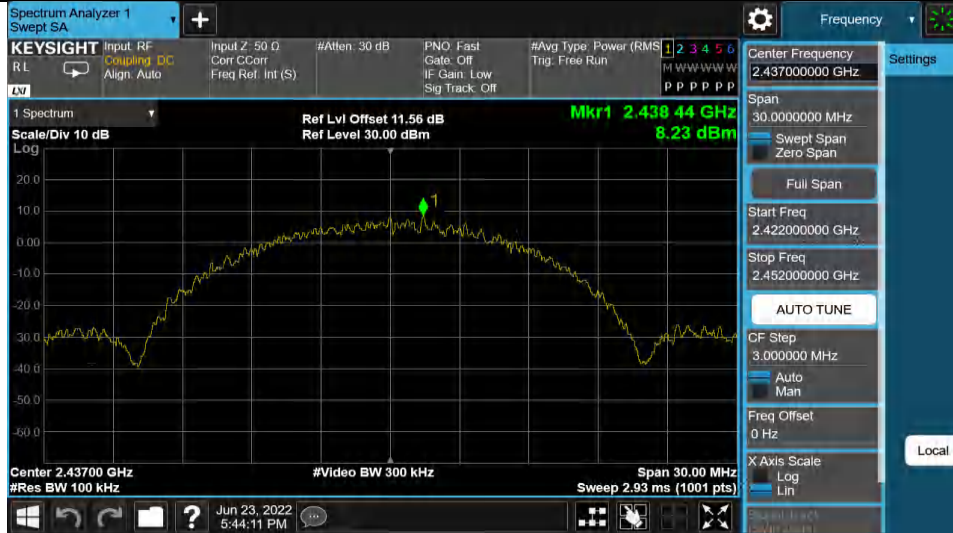
11B_Ant1_2412_30-1000



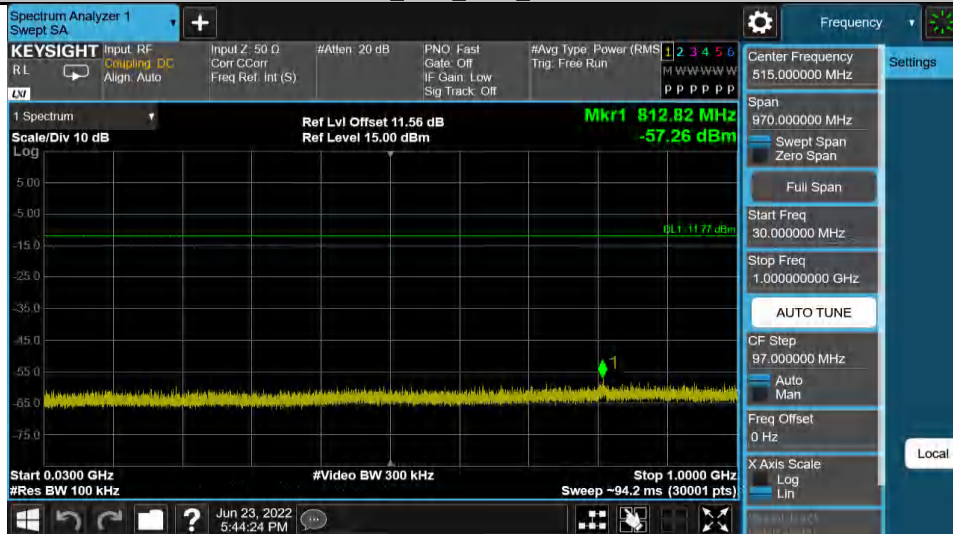
11B_Ant1_2412_1000-26500



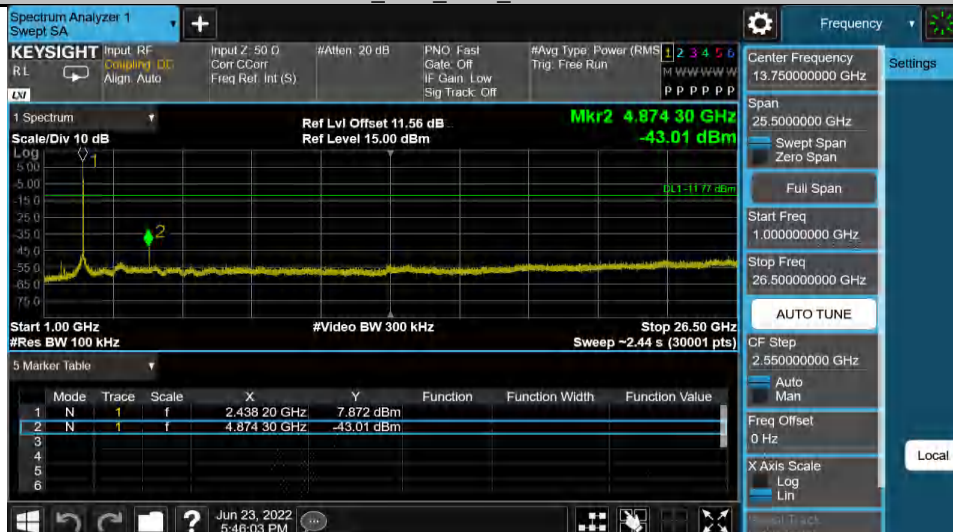
11B_Ant1_2437_0-Reference



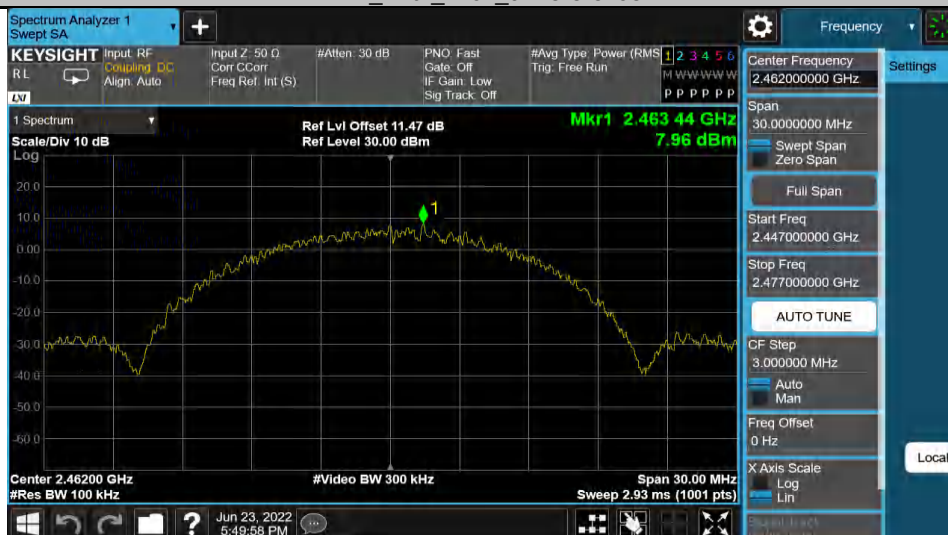
11B_Ant1_2437_30-1000



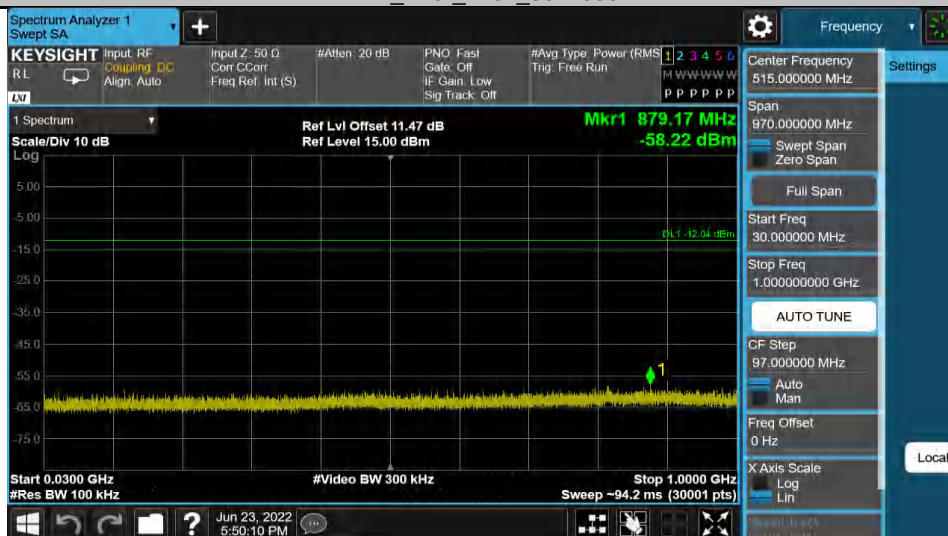
11B_Ant1_2437_1000-26500



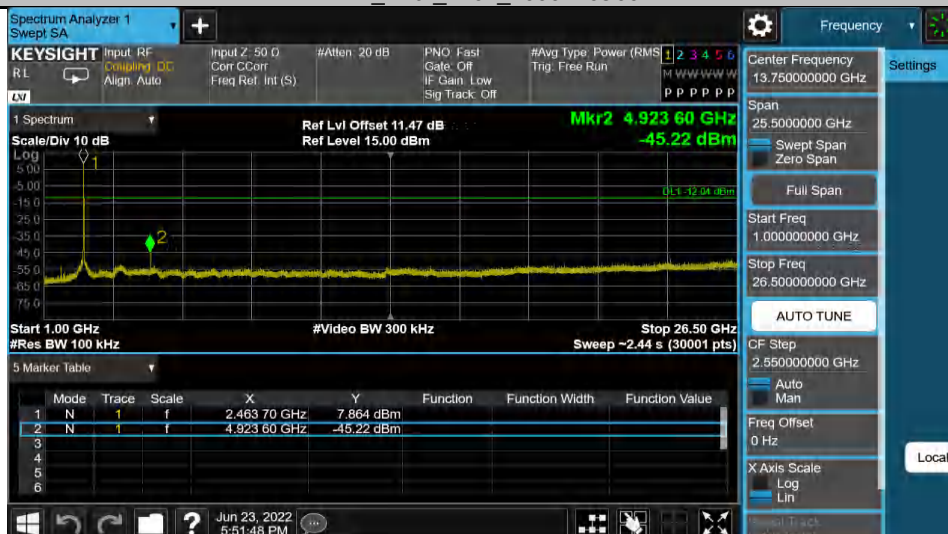
11B_Ant1_2462_0-Reference



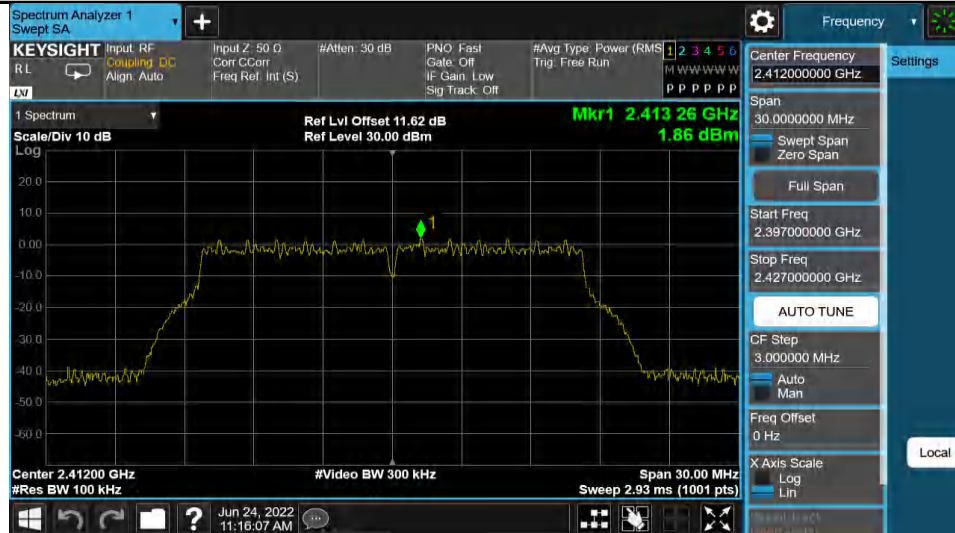
11B_Ant1_2462_30-1000



11B_Ant1_2462_1000-26500



11G_Ant1_2412_0-Reference



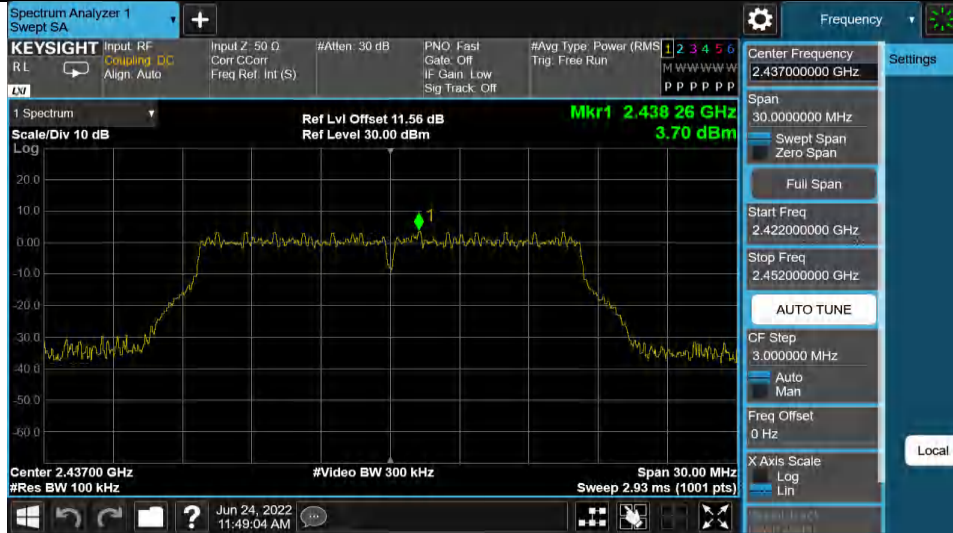
11G_Ant1_2412_30-1000



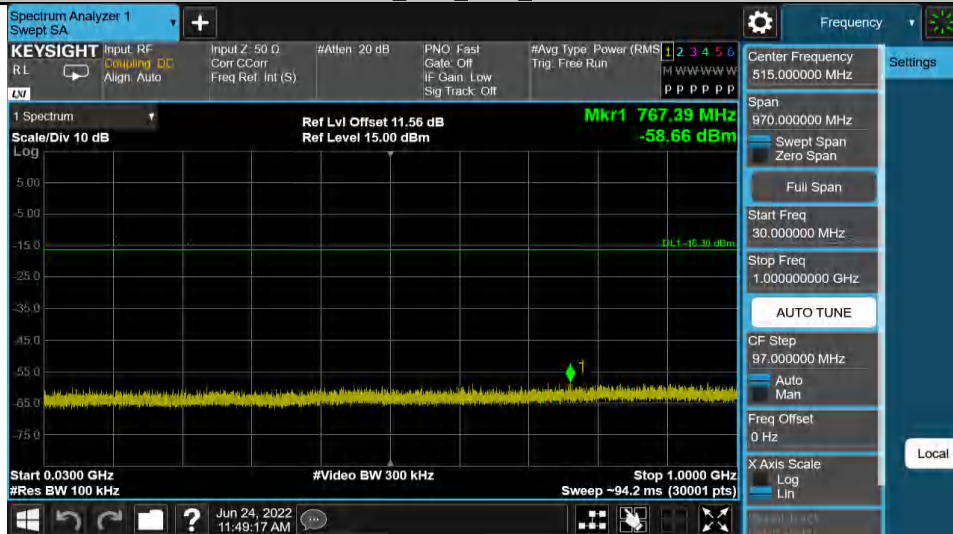
11G_Ant1_2412_1000-26500



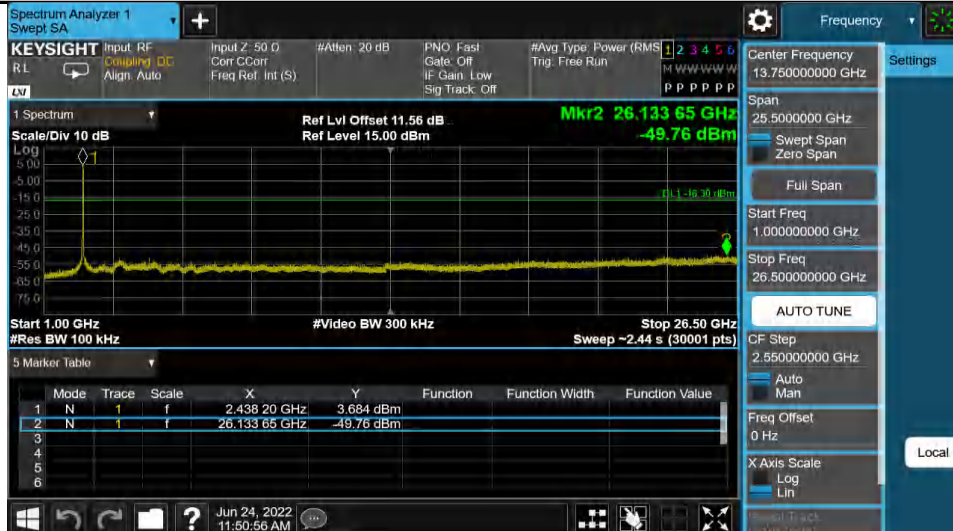
11G_Ant1_2437_0-Reference



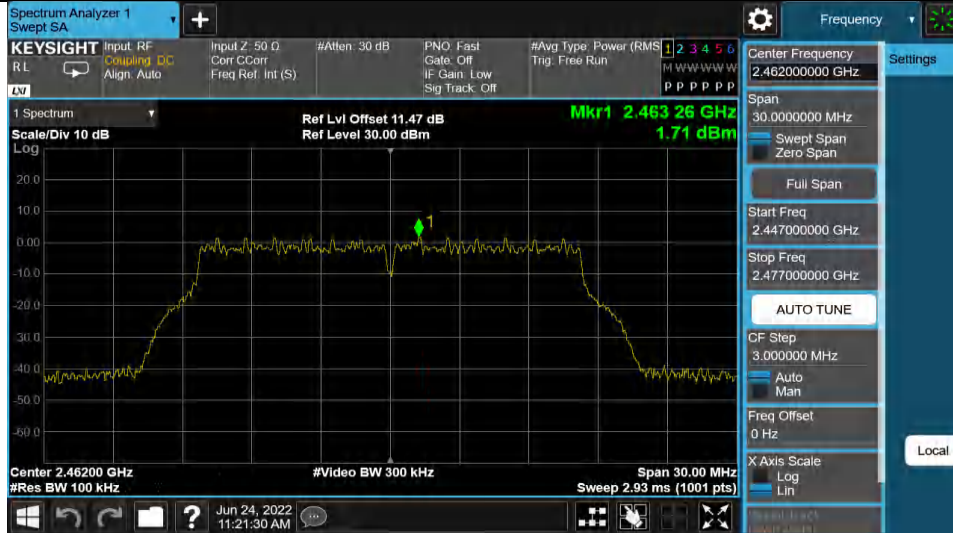
11G_Ant1_2437_30-1000



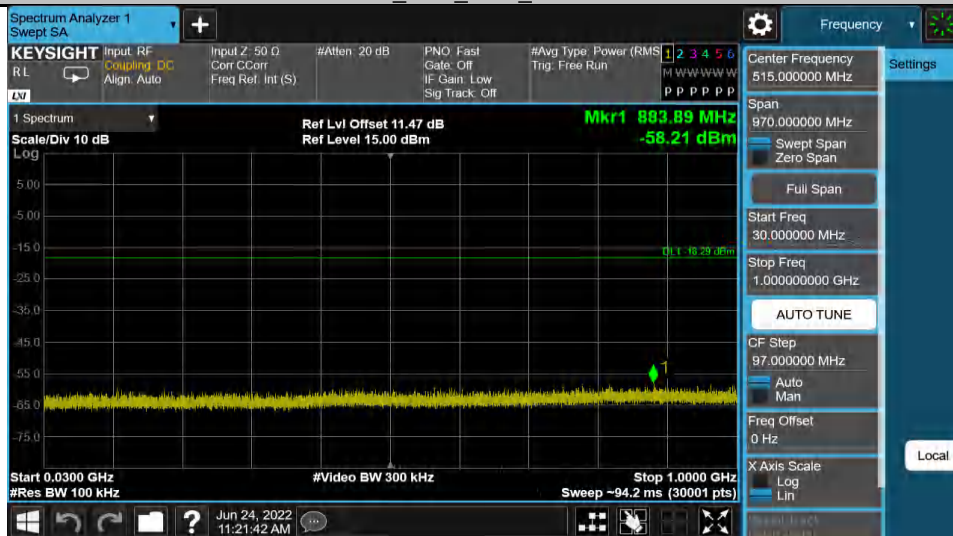
11G_Ant1_2437_1000-26500



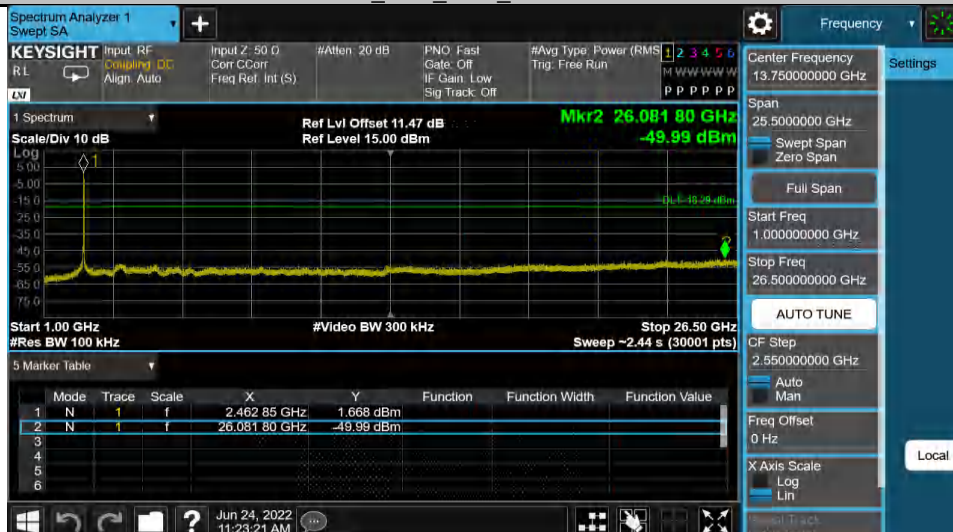
11G_Ant1_2462_0-Reference



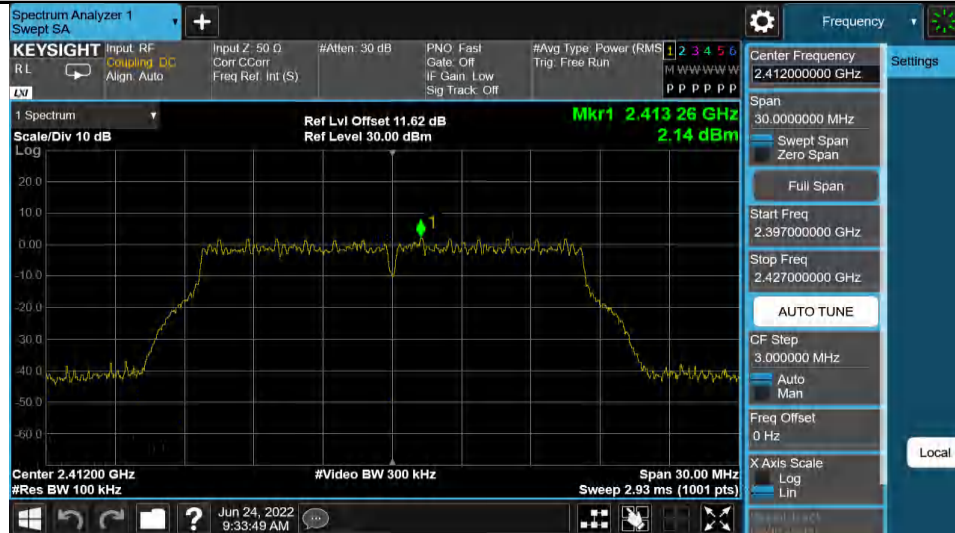
11G_Ant1_2462_30-1000



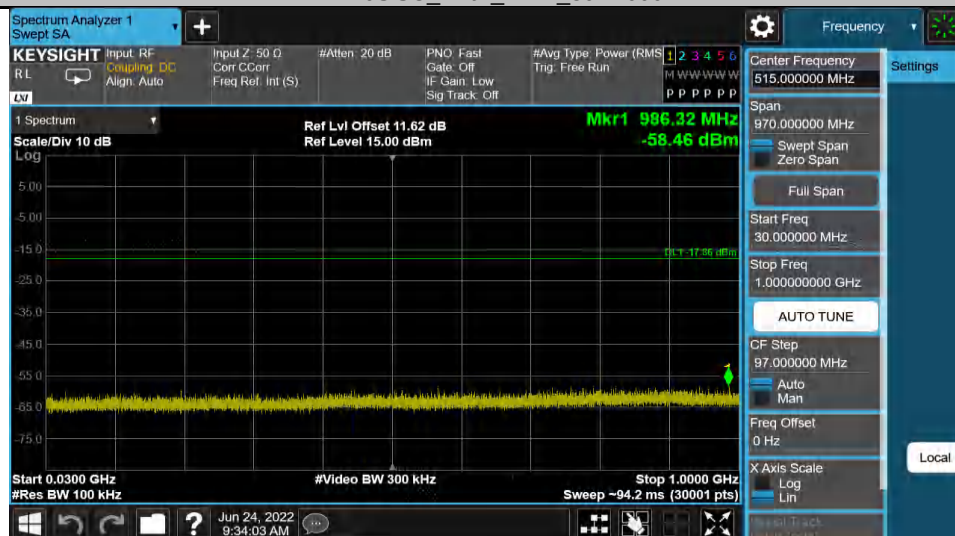
11G_Ant1_2462_1000-26500



11N20SISO_Ant1_2412_0~Reference

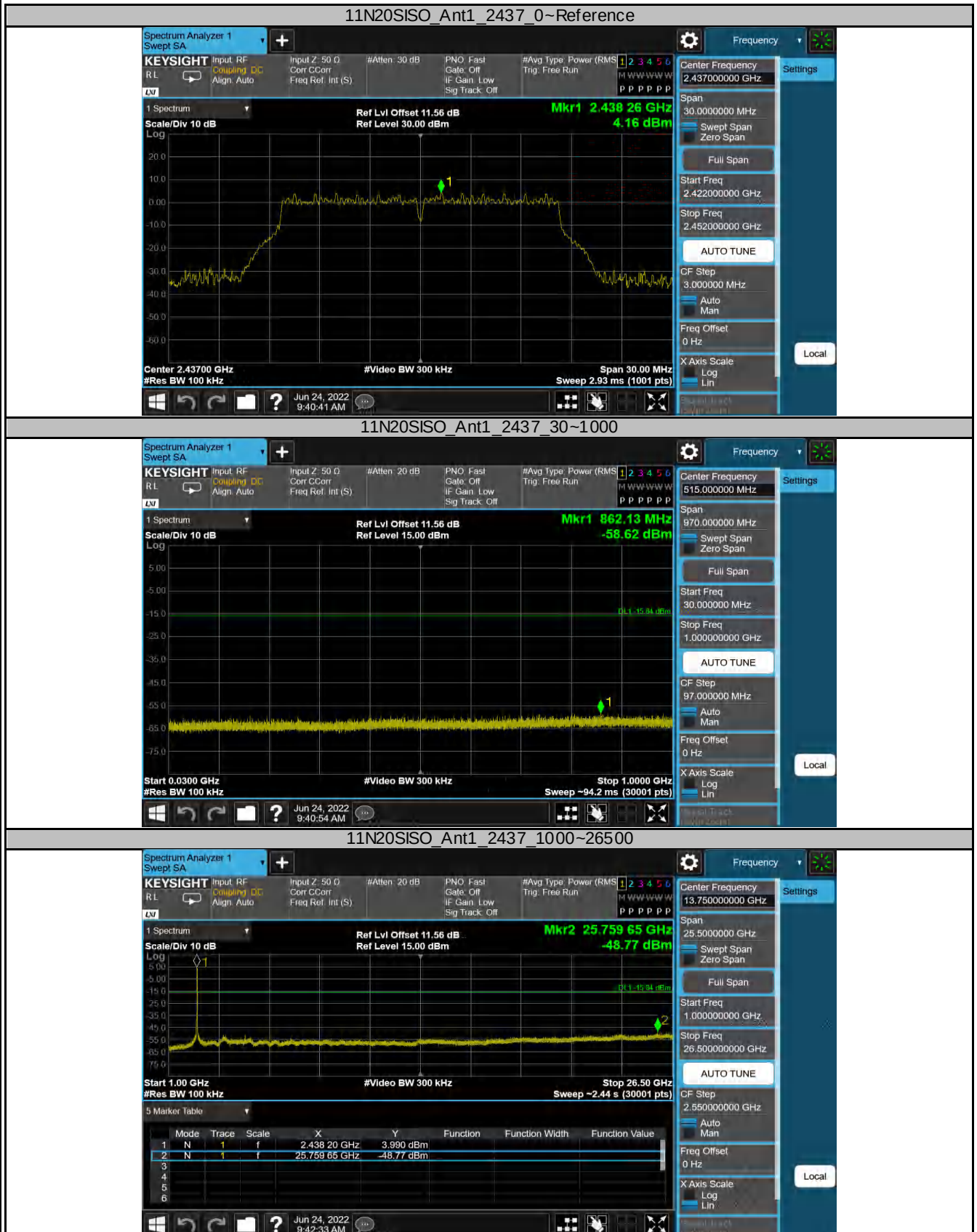


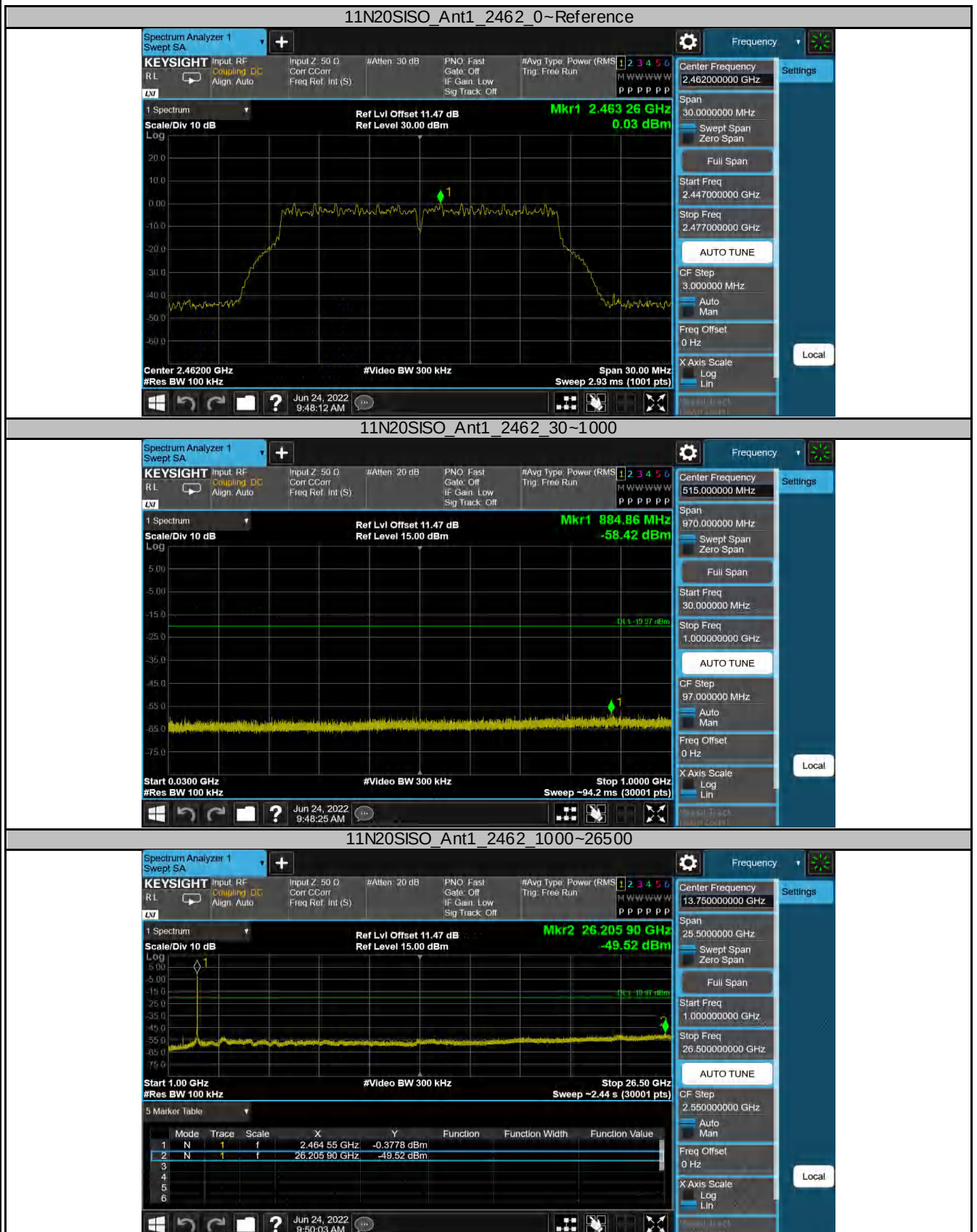
11N20SISO_Ant1_2412_30~1000

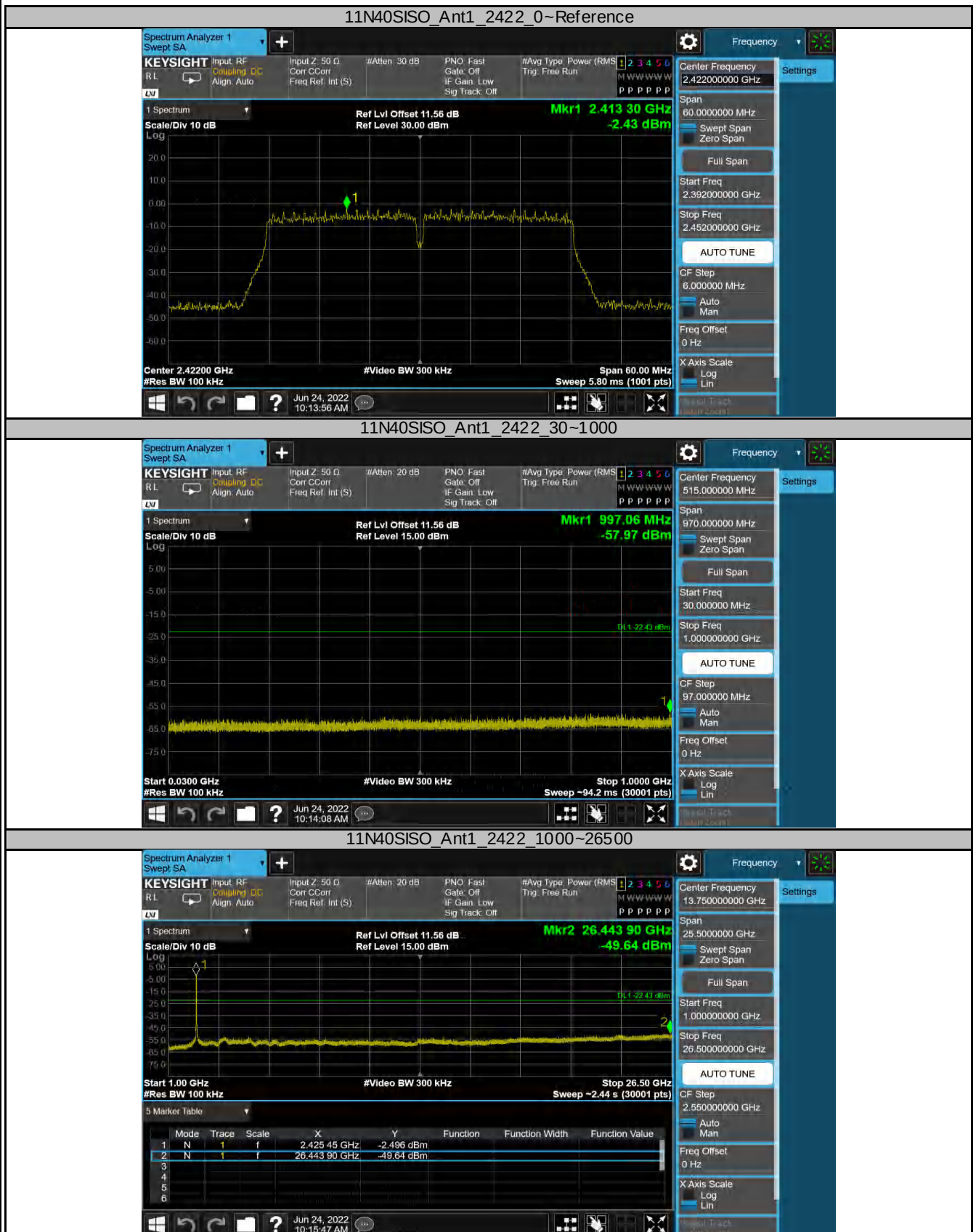


11N20SISO_Ant1_2412_1000~26500

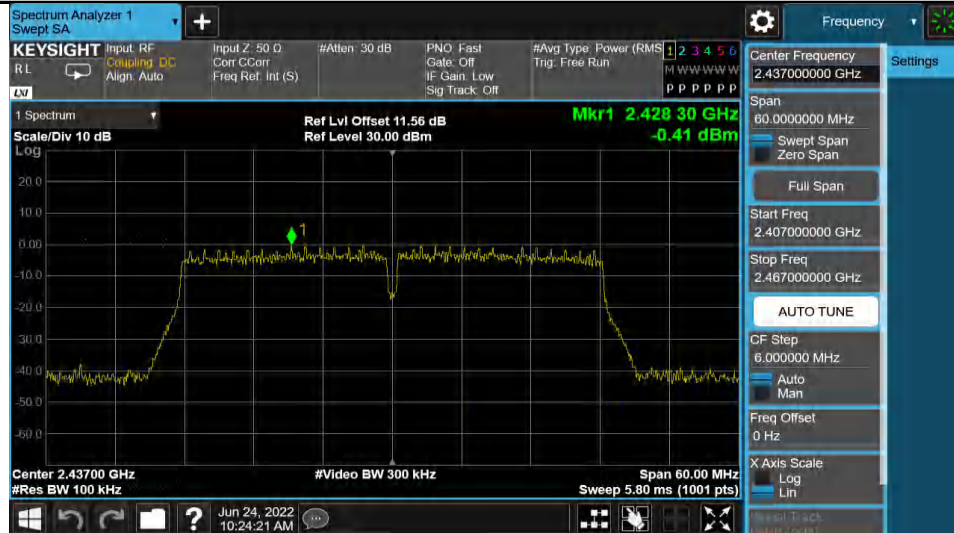




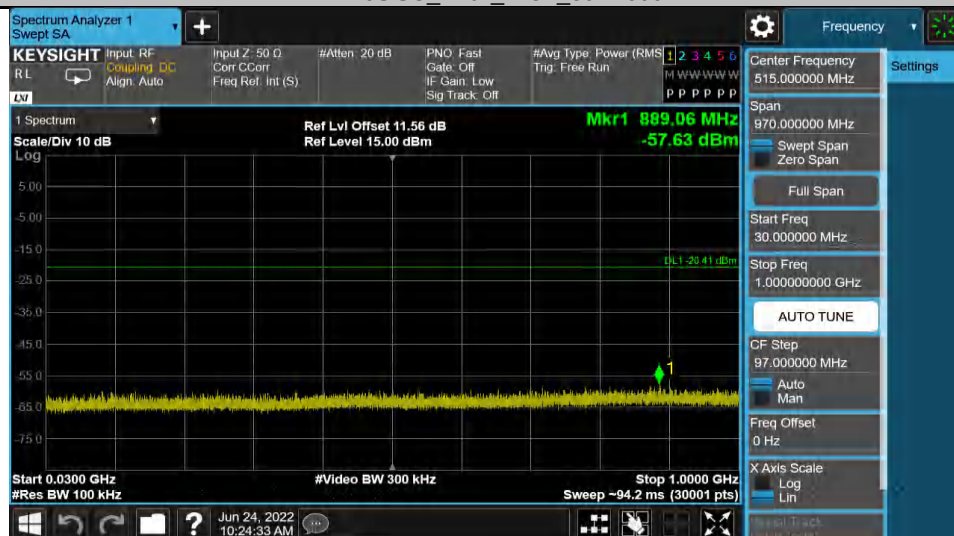




11N40SISO_Ant1_2437_0~Reference

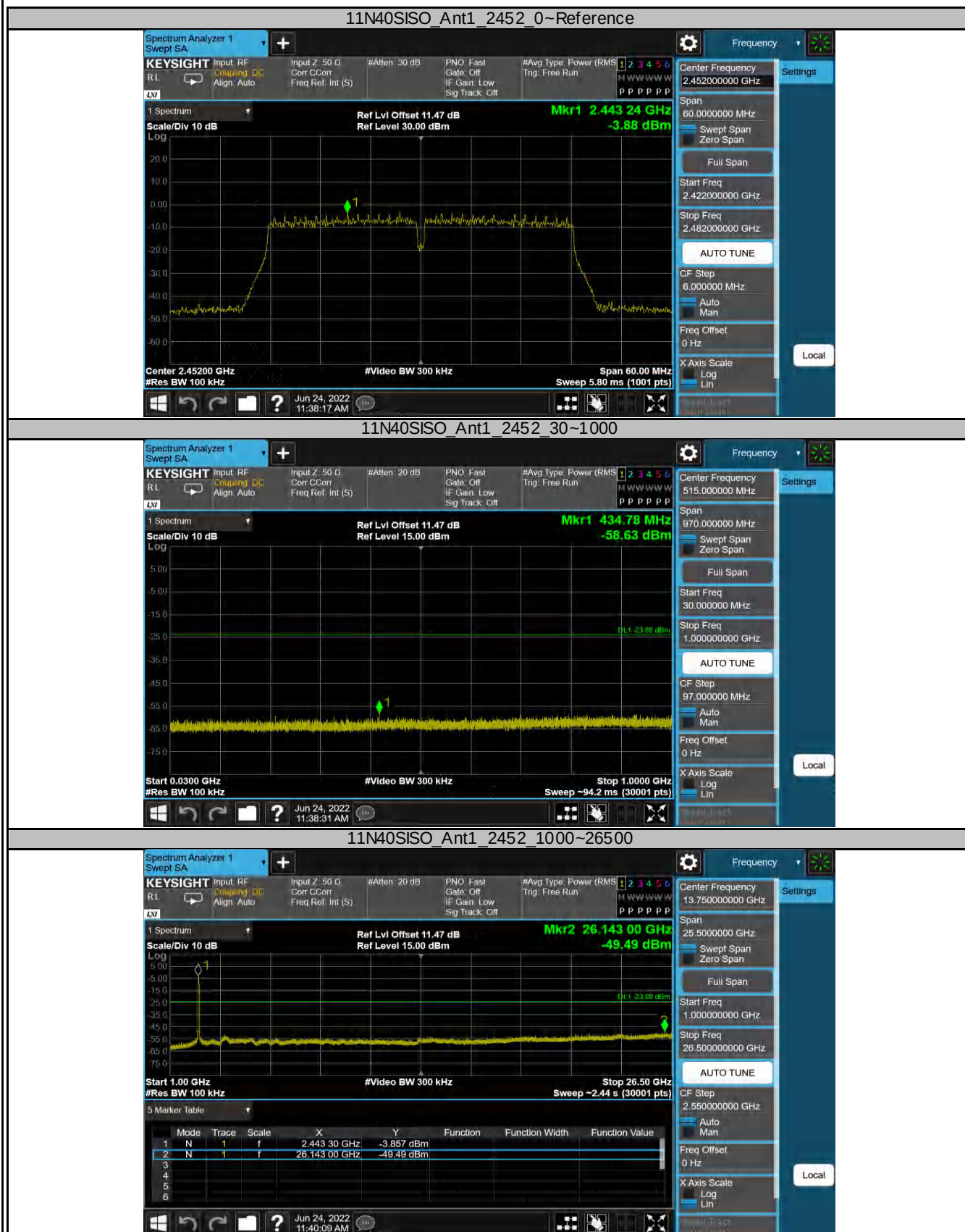


11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500





Band Edge

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.05	-25.65	≤-9.95	PASS
		High	2462	8.01	-44.98	≤-11.99	PASS
11G	Ant1	Low	2412	1.88	-39.15	≤-18.12	PASS
		High	2462	1.75	-44.66	≤-18.25	PASS
11N20SISO	Ant1	Low	2412	2.14	-39.08	≤-17.86	PASS
		High	2462	0.07	-45	≤-19.93	PASS
11N40SISO	Ant1	Low	2422	-2.43	-43	≤-22.43	PASS
		High	2452	-3.83	-44.64	≤-23.83	PASS

11B_Ant1_Low_2412



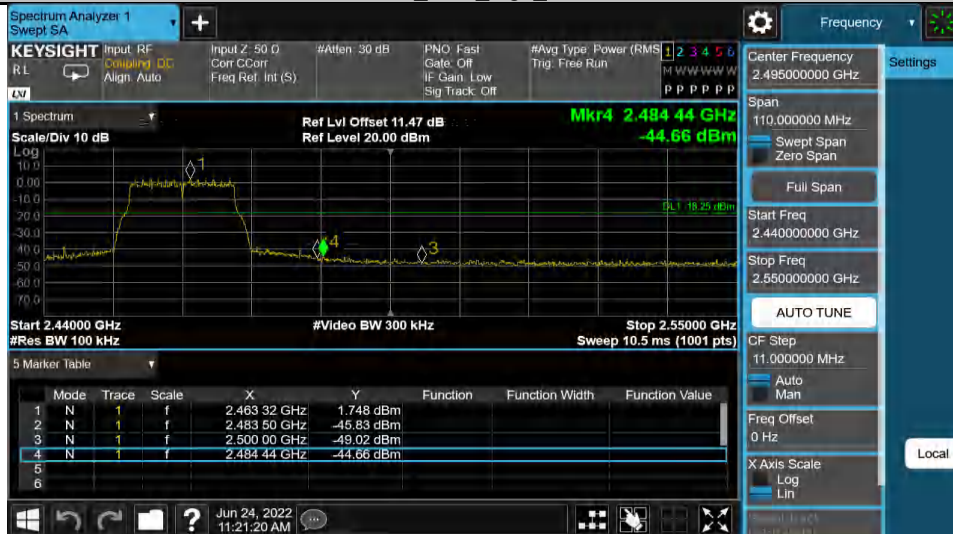
11B_Ant1_High_2462



11G_Ant1_Low_2412



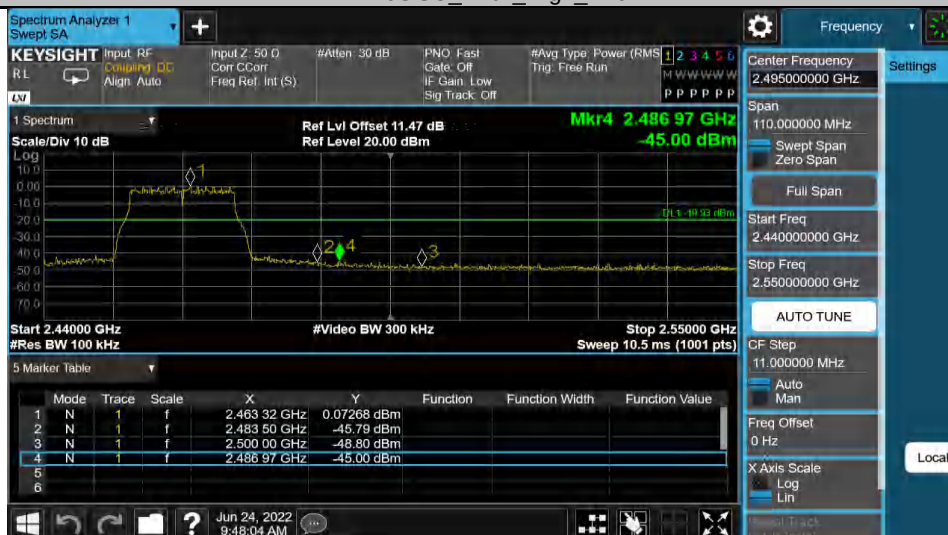
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



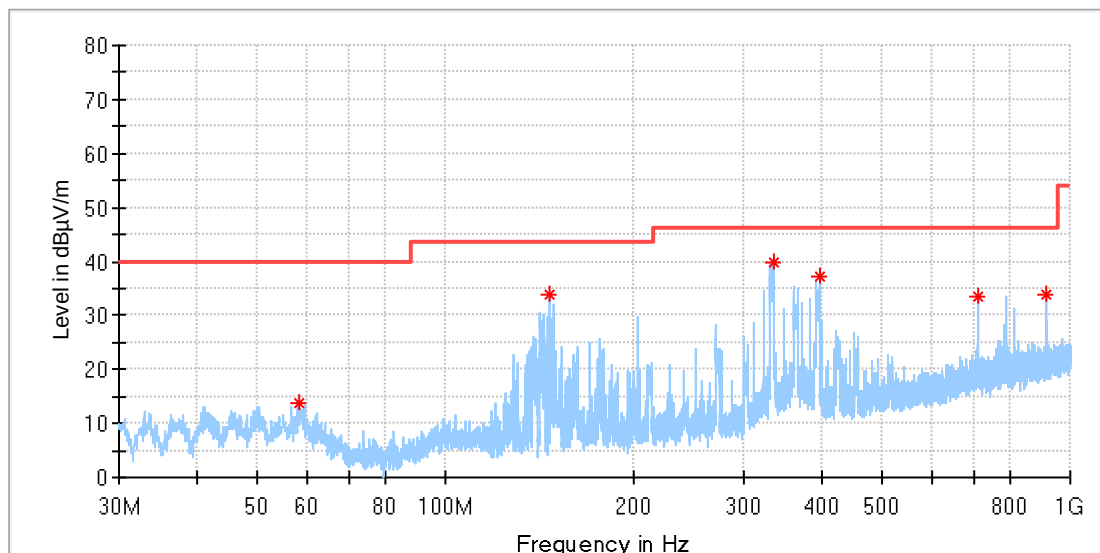
Appendix B.5: Test Results of Radiated Spurious Emissions

Note: 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:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

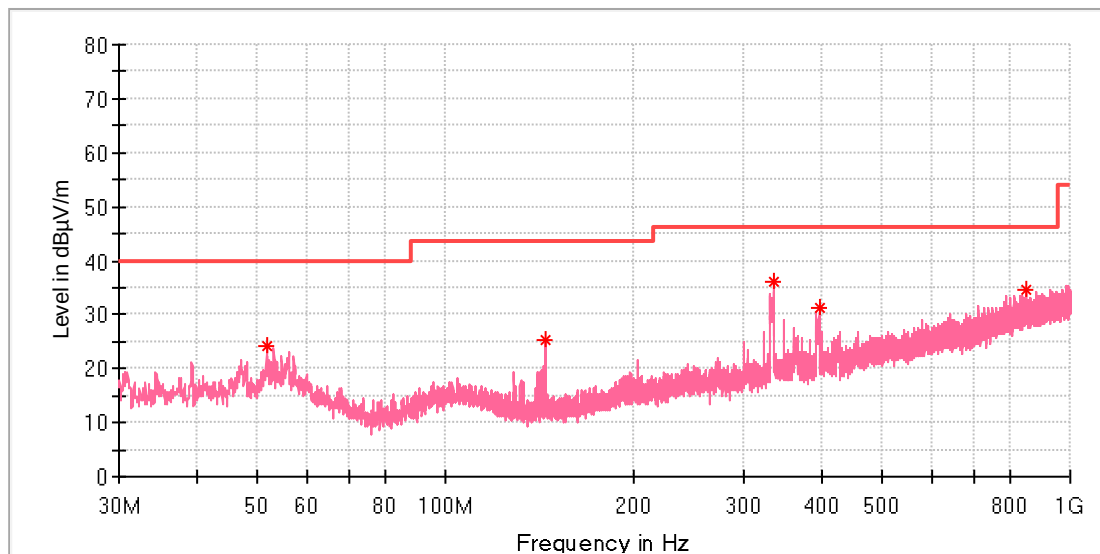
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.092692	13.93	40.00	26.07	100.0	H	274.0	-19.1
147.183462	33.77	43.50	9.73	100.0	H	118.0	-22.6
335.139615	39.95	46.00	6.05	100.0	H	282.0	-15.5
396.398846	37.08	46.00	8.92	100.0	H	266.0	-14.2
709.634231	33.60	46.00	12.40	100.0	H	86.0	-8.3
915.199615	34.04	46.00	11.96	100.0	H	76.0	-5.3

Final_Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

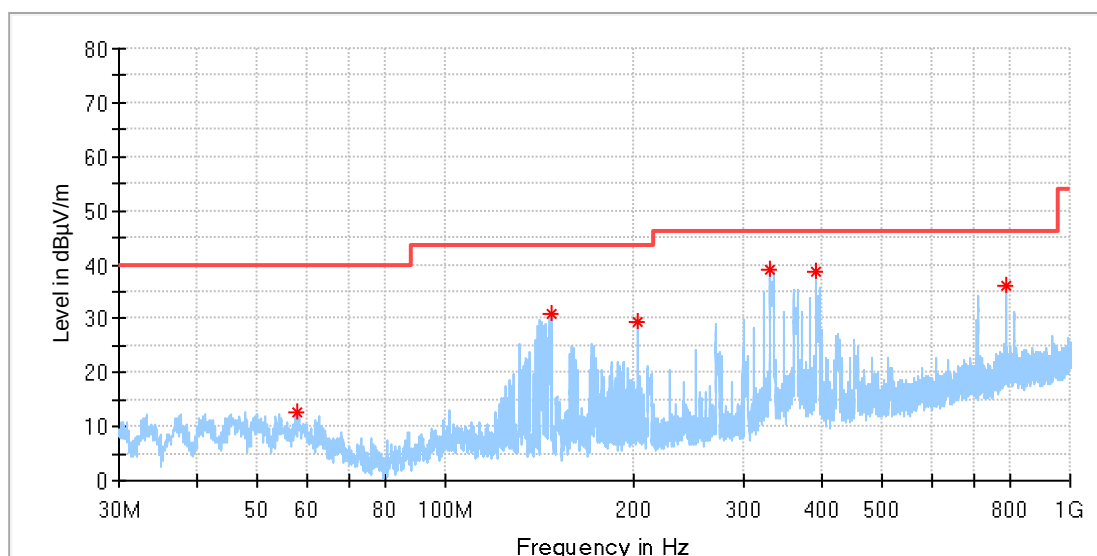
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.679500	24.22	40.00	15.78	100.0	V	253.0	-18.4
144.848000	25.39	43.50	18.11	100.0	V	81.0	-22.2
335.695500	36.07	46.00	9.93	100.0	V	0.0	-15.2
396.417500	31.09	46.00	14.91	100.0	V	0.0	-13.7
847.807000	34.46	46.00	11.54	100.0	V	43.0	-5.5

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: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

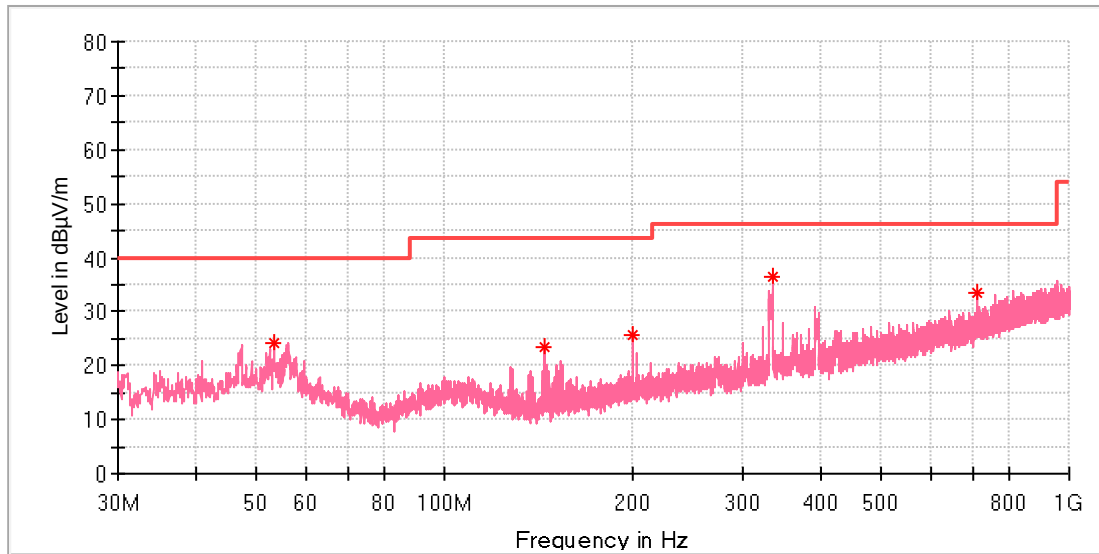
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.055385	12.68	40.00	27.32	100.0	H	147.0	-19.1
147.780385	30.71	43.50	12.79	100.0	H	32.0	-22.6
202.734615	29.33	43.50	14.17	100.0	H	73.0	-19.3
330.923846	39.13	46.00	6.87	100.0	H	276.0	-15.7
391.026539	38.57	46.00	7.43	100.0	H	276.0	-14.3
792.046923	35.97	46.00	10.03	100.0	H	236.0	-6.9

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: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
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)
53.280000	24.16	40.00	15.84	100.0	V	350.0	-18.4
144.799500	23.36	43.50	20.14	100.0	V	249.0	-22.2
199.992500	25.73	43.50	17.77	100.0	V	0.0	-19.0
335.695500	36.50	46.00	9.50	100.0	V	16.0	-15.2
709.630500	33.48	46.00	12.52	100.0	V	180.0	-7.8

Final Result

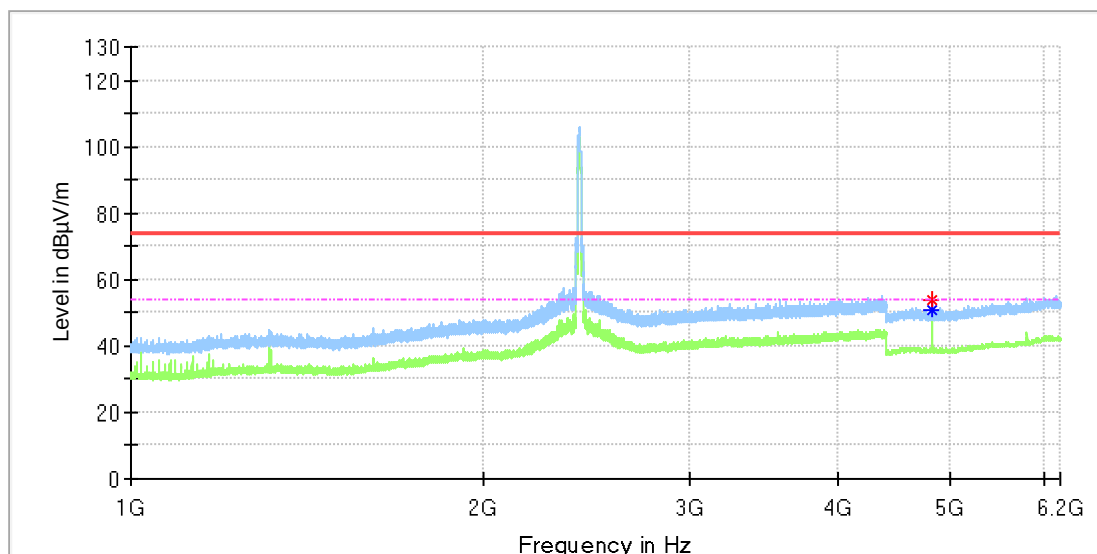
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

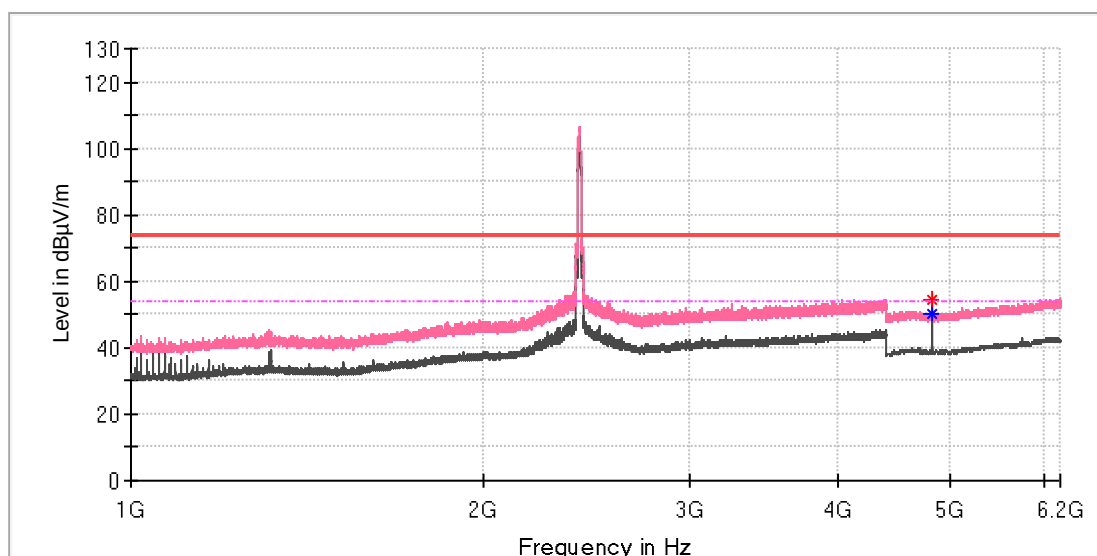
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	53.99	---	74.00	20.01	100.0	H	286.0	11.8
4824.000000	---	50.76	54.00	3.24	100.0	H	286.0	11.8

Final_Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

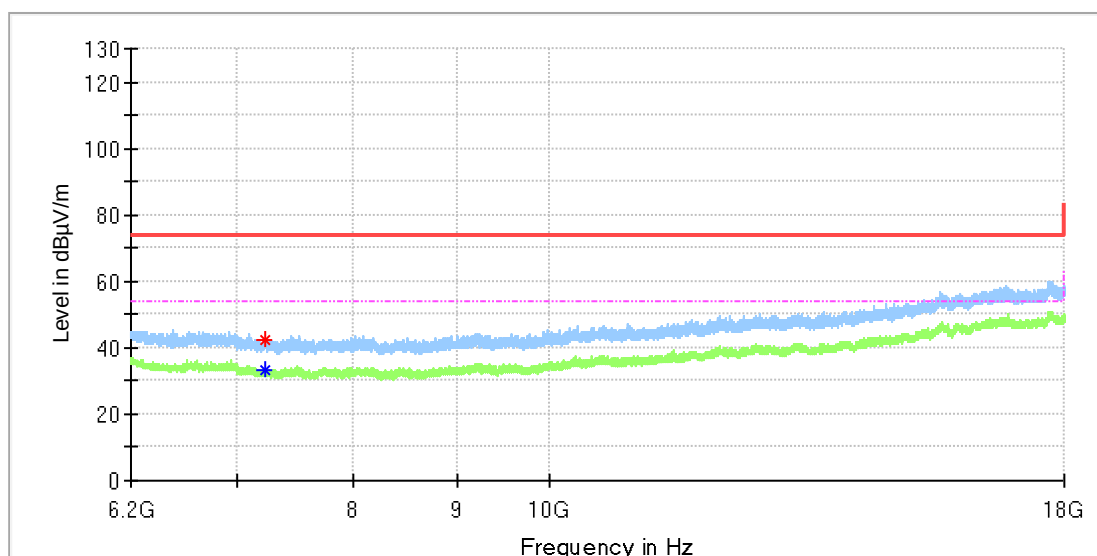
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	54.66	---	74.00	19.34	100.0	V	197.0	11.8
4824.000000	---	50.48	54.00	3.52	100.0	V	95.0	11.8

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

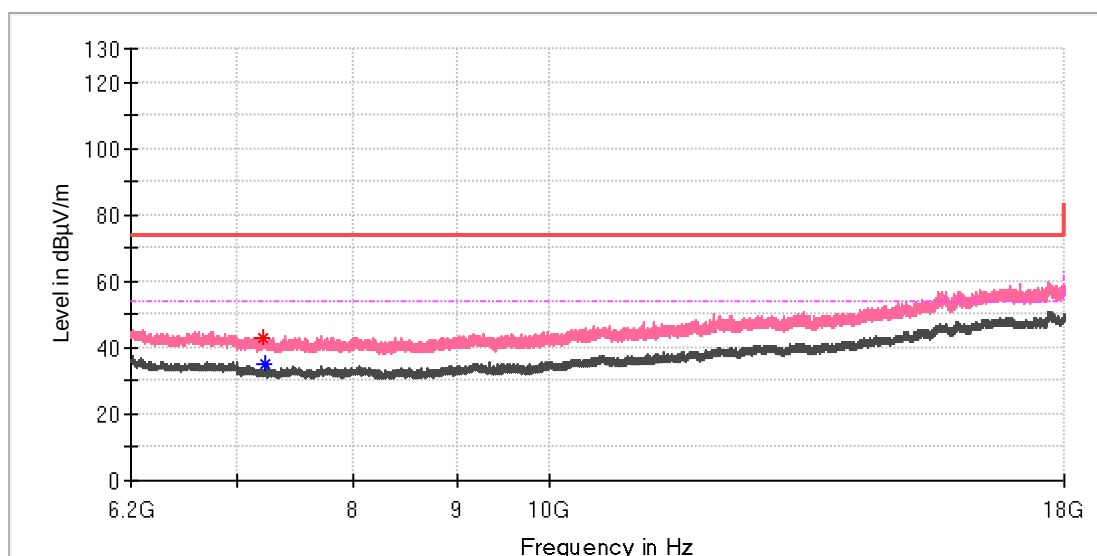
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.958333	42.38	---	74.00	31.62	100.0	H	163.0	8.6
7234.958333	---	33.30	54.00	20.70	100.0	H	163.0	8.6

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: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

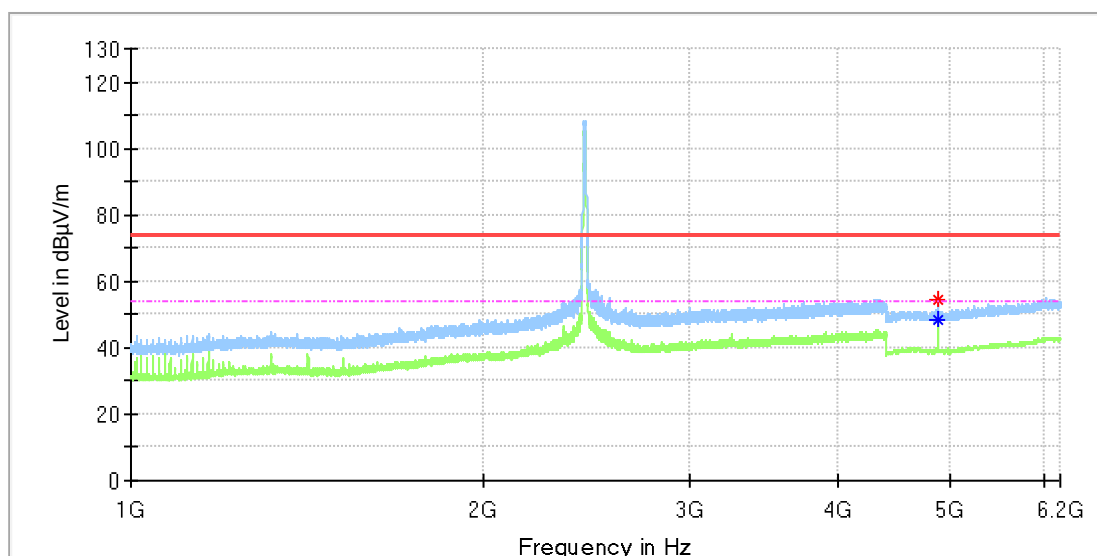
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7215.783333	42.76	---	74.00	31.24	100.0	V	56.0	8.7
7234.466667	---	35.15	54.00	18.85	100.0	V	342.0	8.6

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:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

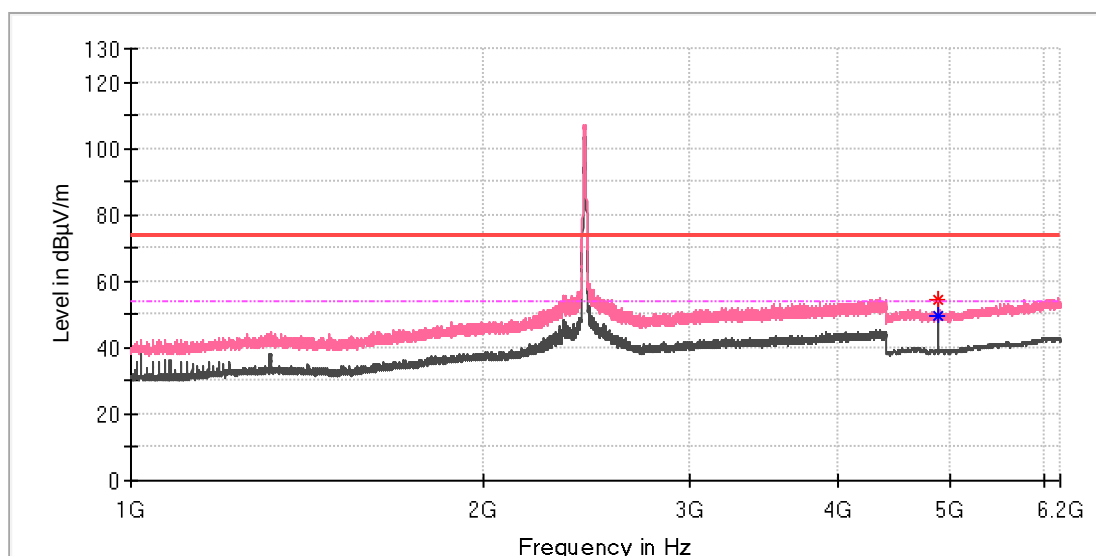
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	54.19	---	74.00	19.81	100.0	H	285.0	11.8
4874.000000	---	48.23	54.00	5.77	100.0	H	285.0	11.8

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:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

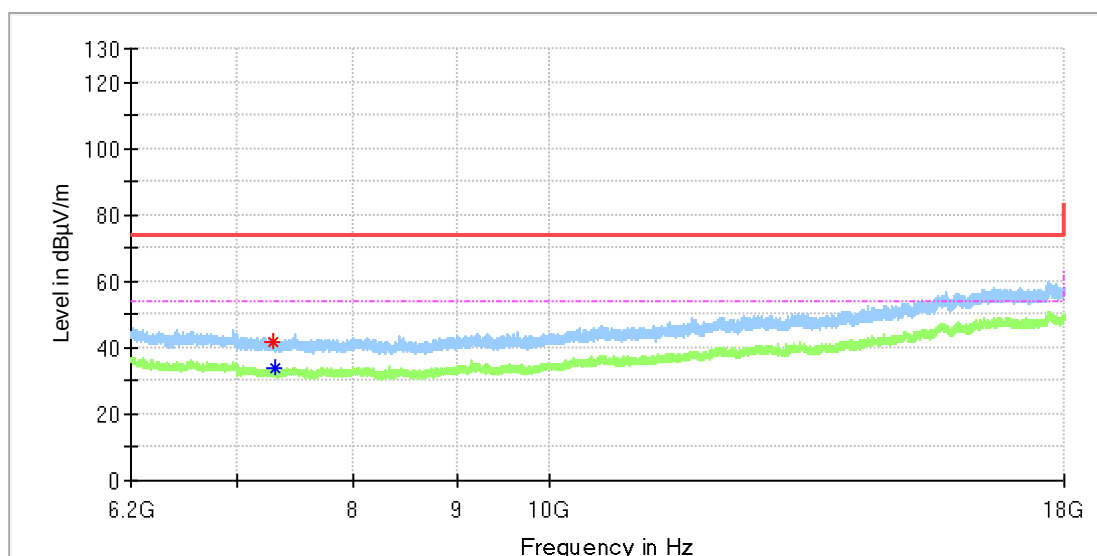
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	54.21	---	74.00	19.79	100.0	V	320.0	11.8
4874.000000	---	49.37	54.00	4.63	100.0	V	320.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

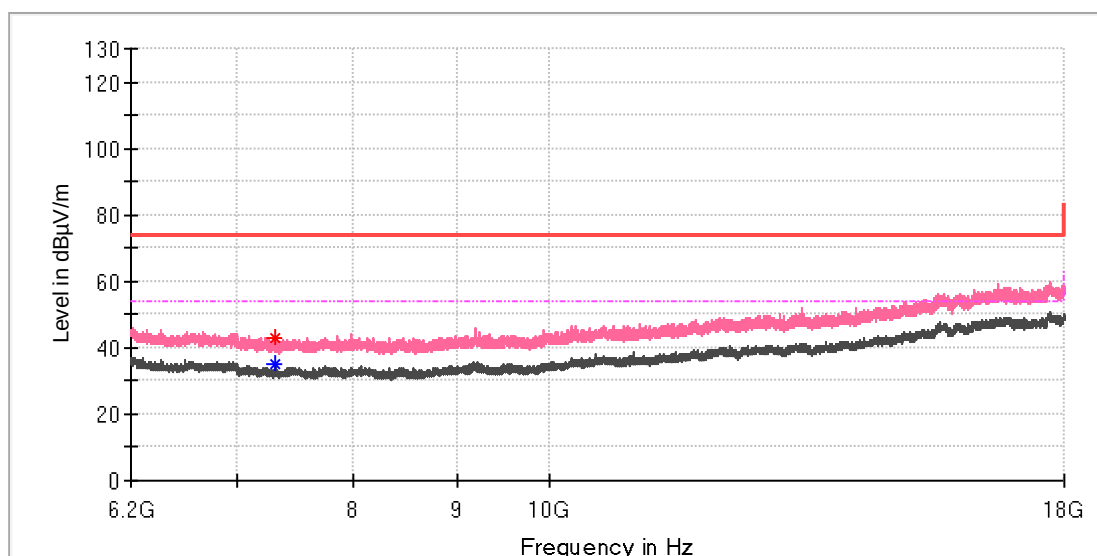
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7300.841667	41.51	---	74.00	32.49	100.0	H	52.0	8.3
7309.200000	---	33.81	54.00	20.19	100.0	H	240.0	8.2

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

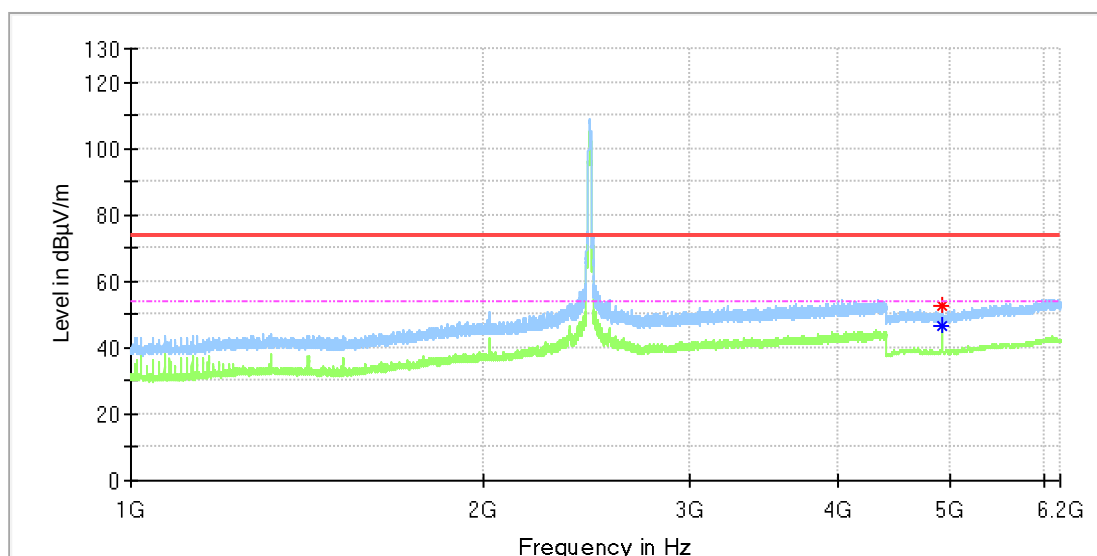
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	42.79	---	74.00	31.21	100.0	V	326.0	8.3
7309.691667	---	35.15	54.00	18.85	100.0	V	326.0	8.2

Final Result

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

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

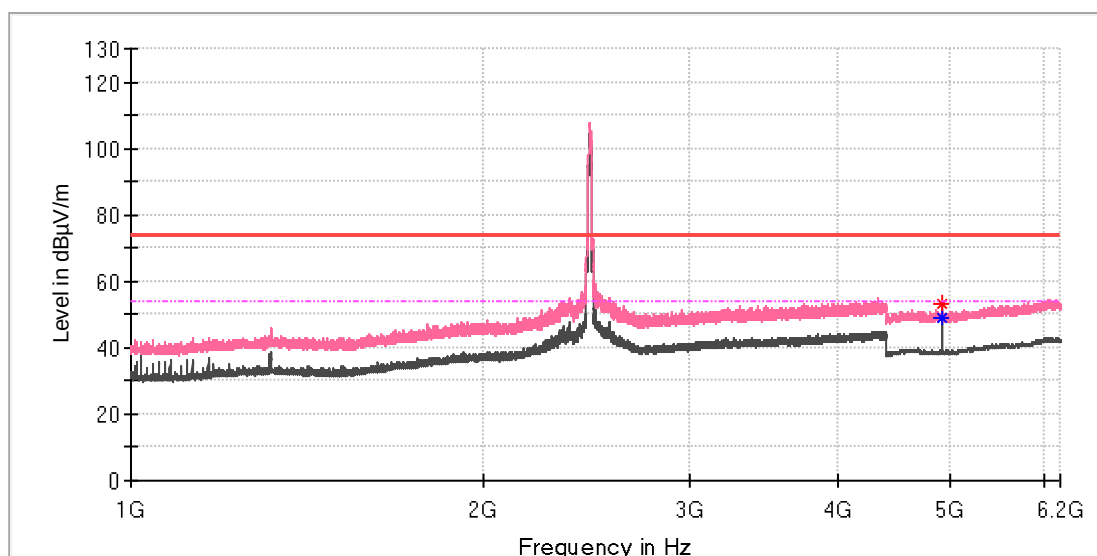
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	52.87	---	74.00	21.13	100.0	H	348.0	11.8
4924.000000	---	46.80	54.00	7.20	100.0	H	348.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

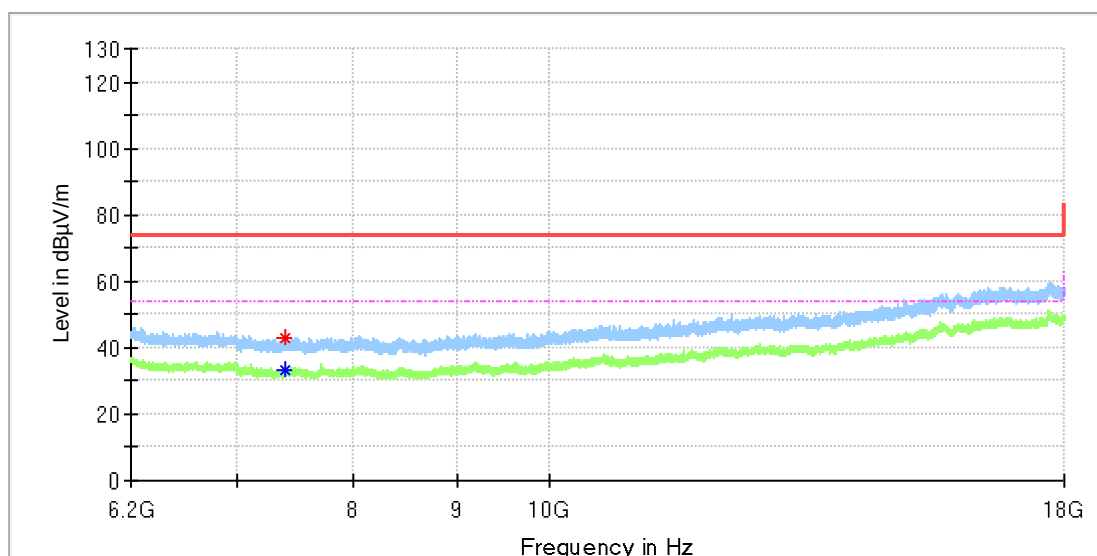
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	53.22	---	74.00	20.78	100.0	V	322.0	11.8
4924.000000	---	48.93	54.00	5.07	100.0	V	322.0	11.8

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

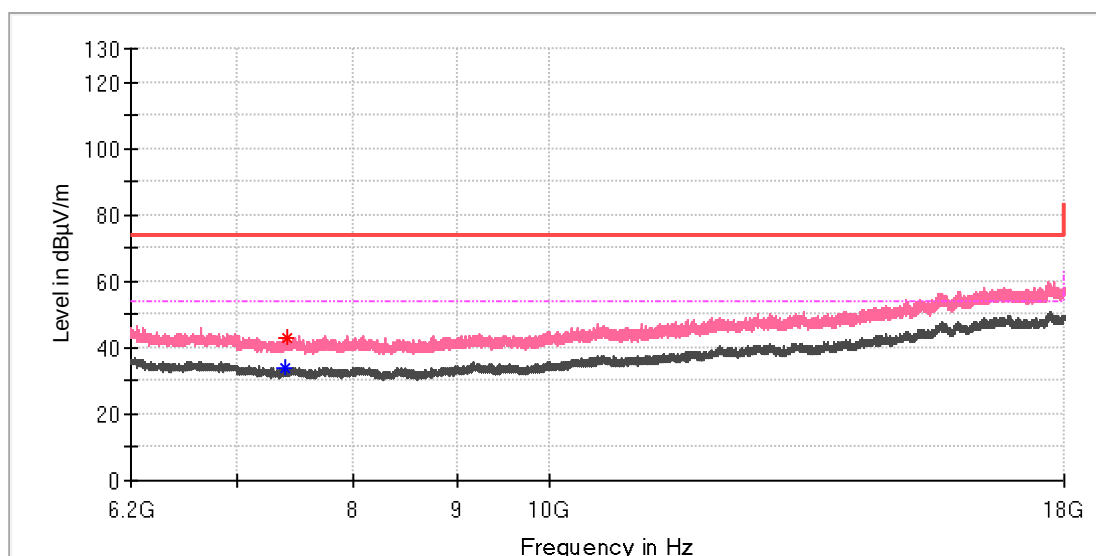
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7392.783333	---	33.39	54.00	20.61	100.0	H	104.0	8.3
7400.650000	42.89	---	74.00	31.11	100.0	H	104.0	8.3

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

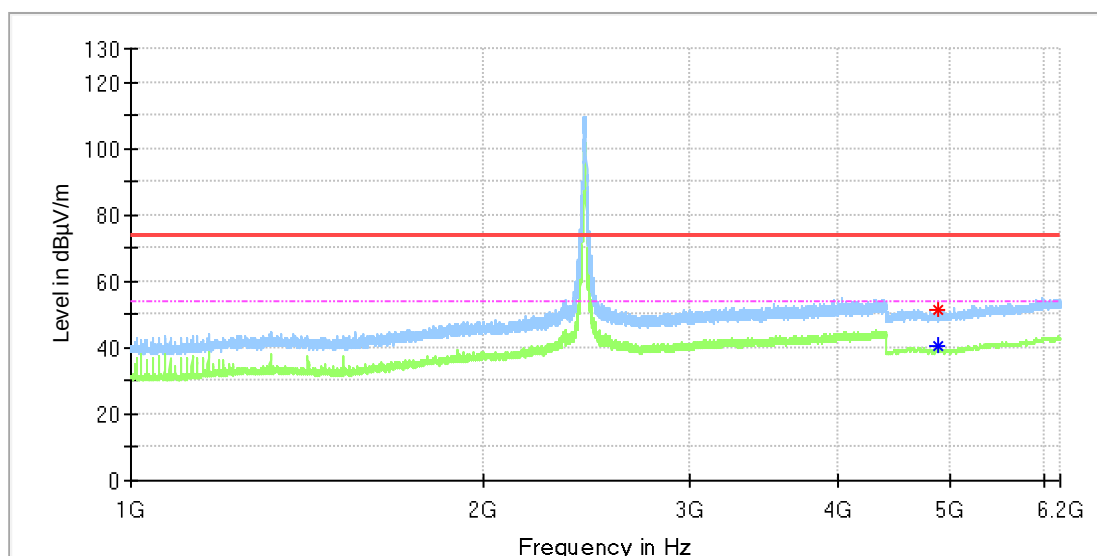
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7399.666667	---	33.69	54.00	20.31	100.0	V	258.0	8.3
7405.566667	43.22	---	74.00	30.78	100.0	V	125.0	8.3

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:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

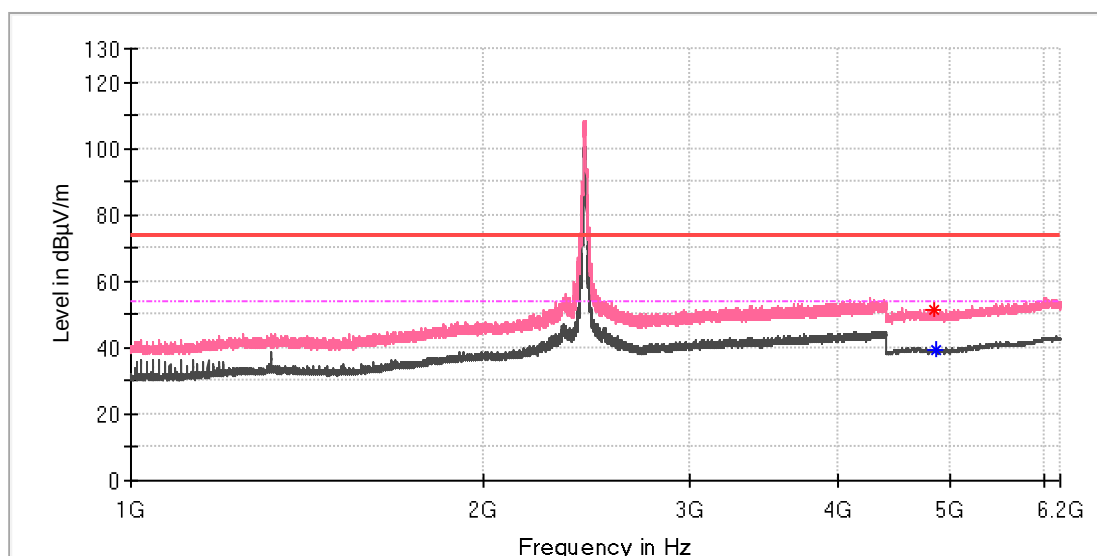
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4875.000000	51.65	---	74.00	22.35	100.0	H	274.0	11.8
4875.500000	---	40.65	54.00	13.35	100.0	H	25.0	11.8

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:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

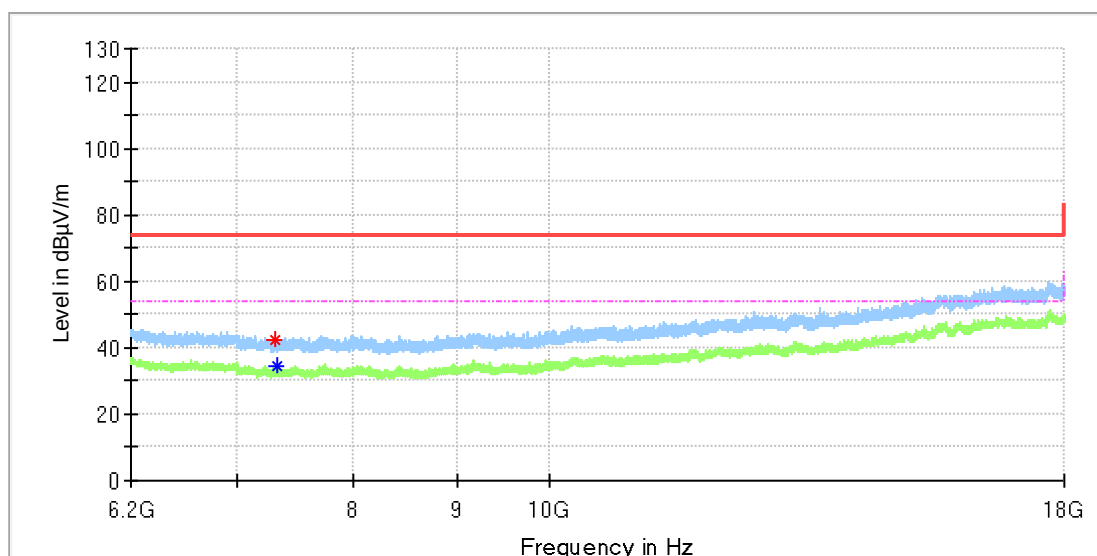
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4849.000000	51.19	---	74.00	22.81	100.0	V	74.0	11.8
4852.000000	---	39.56	54.00	14.44	100.0	V	30.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

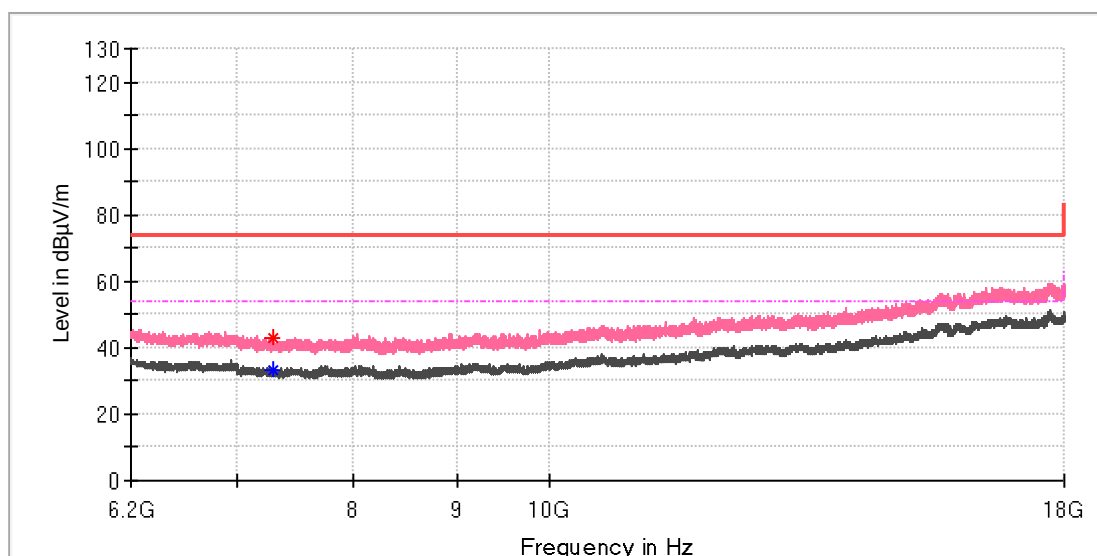
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7303.300000	42.35	---	74.00	31.65	100.0	H	68.0	8.3
7328.866667	---	34.49	54.00	19.51	100.0	H	127.0	8.1

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

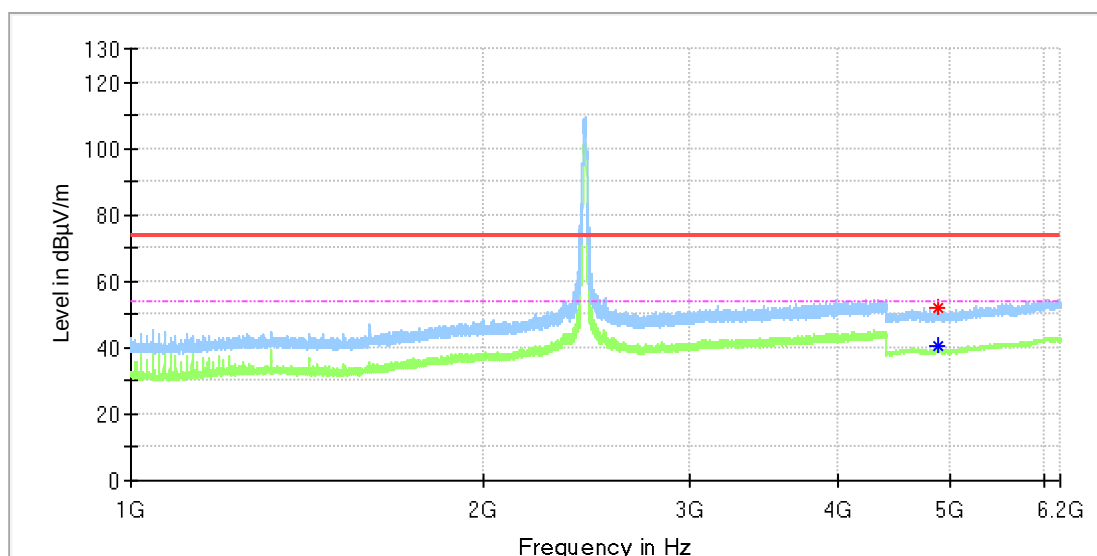
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7291.008333	42.97	---	74.00	31.03	100.0	V	0.0	8.3
7301.333333	---	33.11	54.00	20.89	100.0	V	294.0	8.3

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

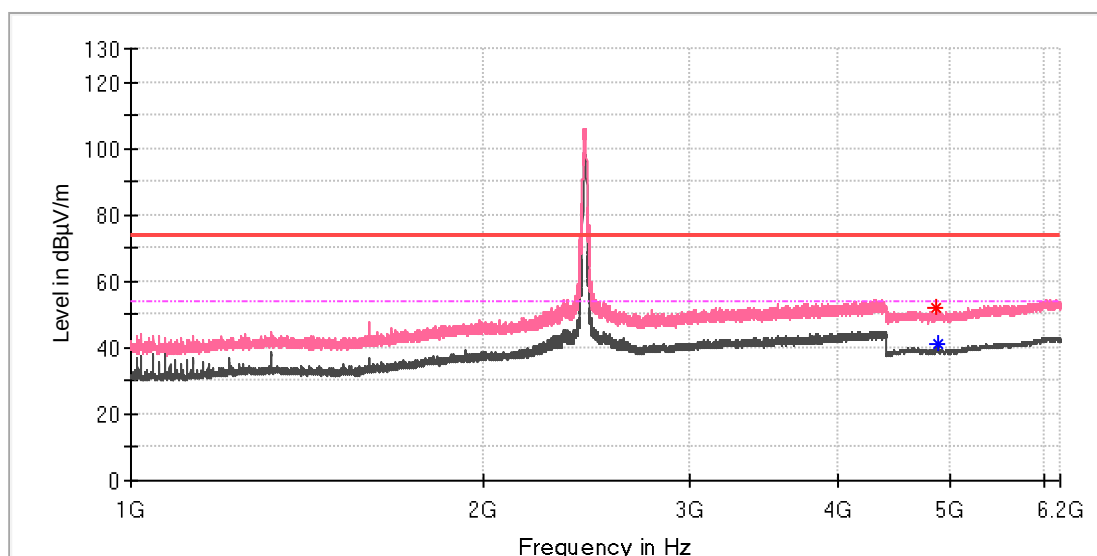
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.500000	51.85	---	74.00	22.15	100.0	H	39.0	11.8
4874.500000	---	40.45	54.00	13.55	100.0	H	4.0	11.8

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

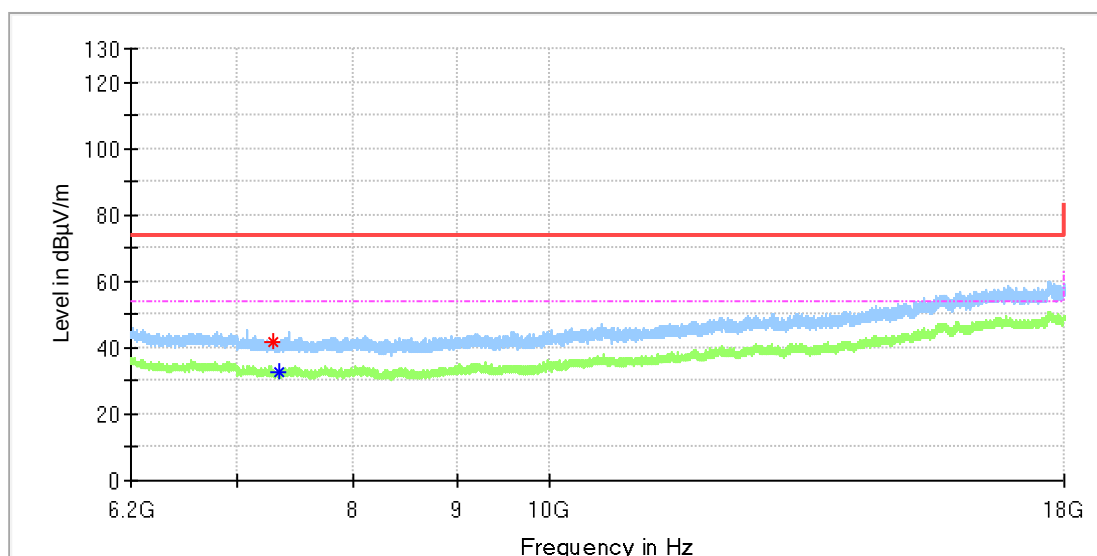
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4866.000000	52.26	---	74.00	21.74	100.0	V	48.0	11.8
4871.000000	---	40.99	54.00	13.01	100.0	V	0.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

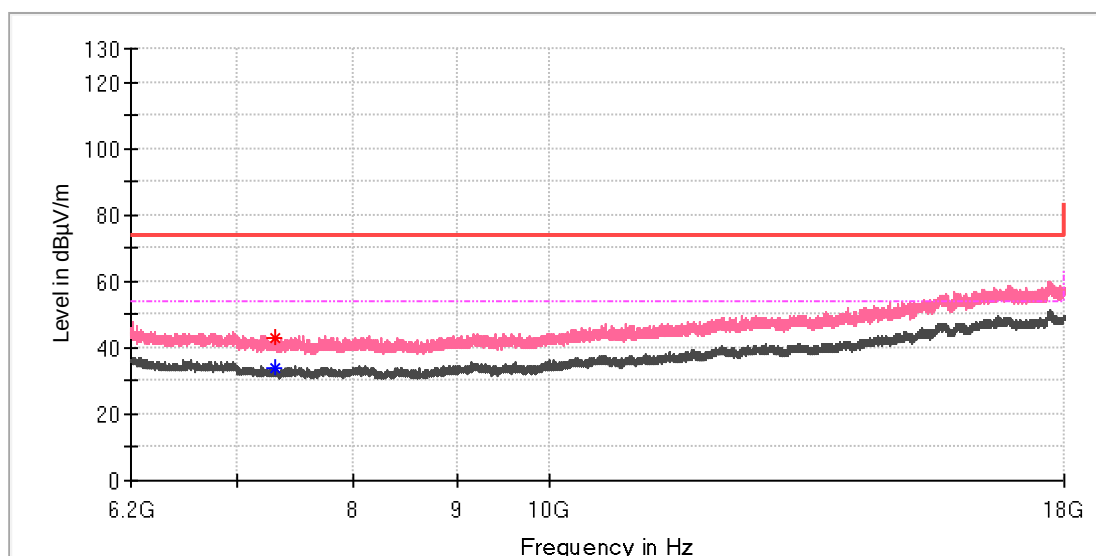
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7301.333333	42.01	---	74.00	31.99	100.0	H	312.0	8.3
7336.733333	---	32.80	54.00	21.20	100.0	H	211.0	8.1

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

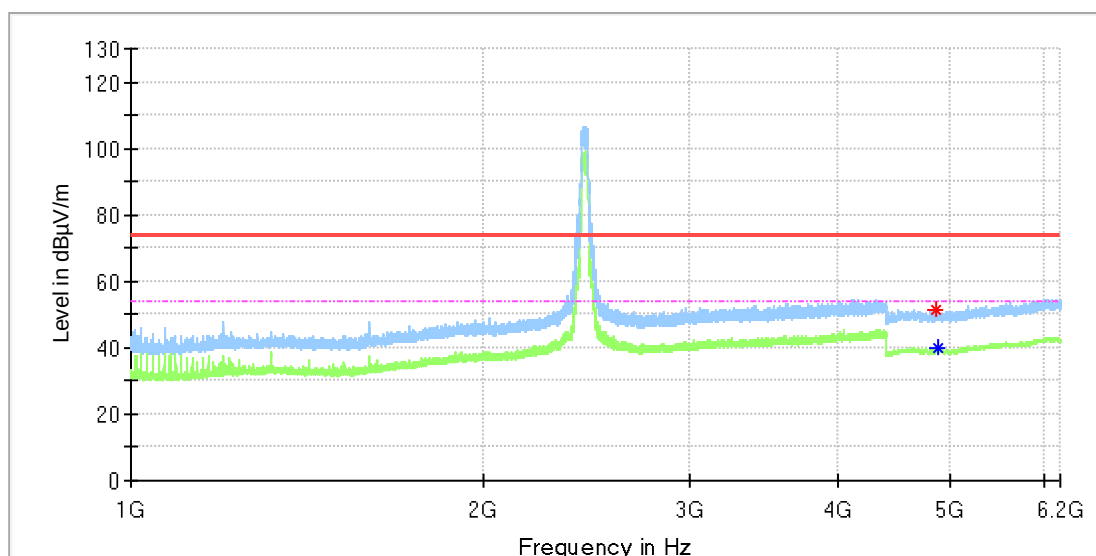
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.250000	---	33.76	54.00	20.24	100.0	V	323.0	8.3
7314.608333	43.16	---	74.00	30.84	100.0	V	336.0	8.2

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

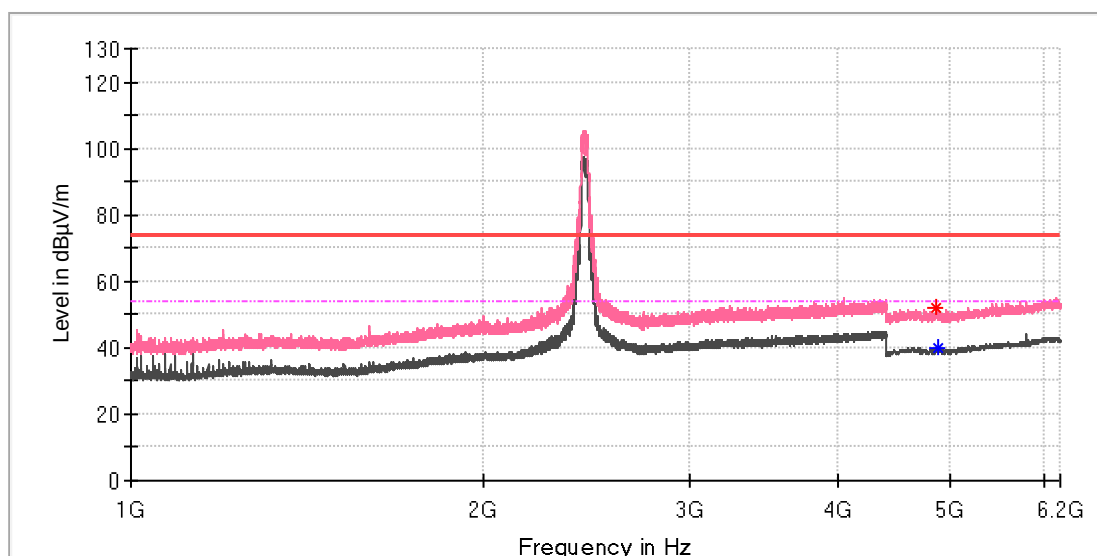
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	51.23	---	74.00	22.77	100.0	H	18.0	11.8
4869.500000	---	39.86	54.00	14.14	100.0	H	11.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

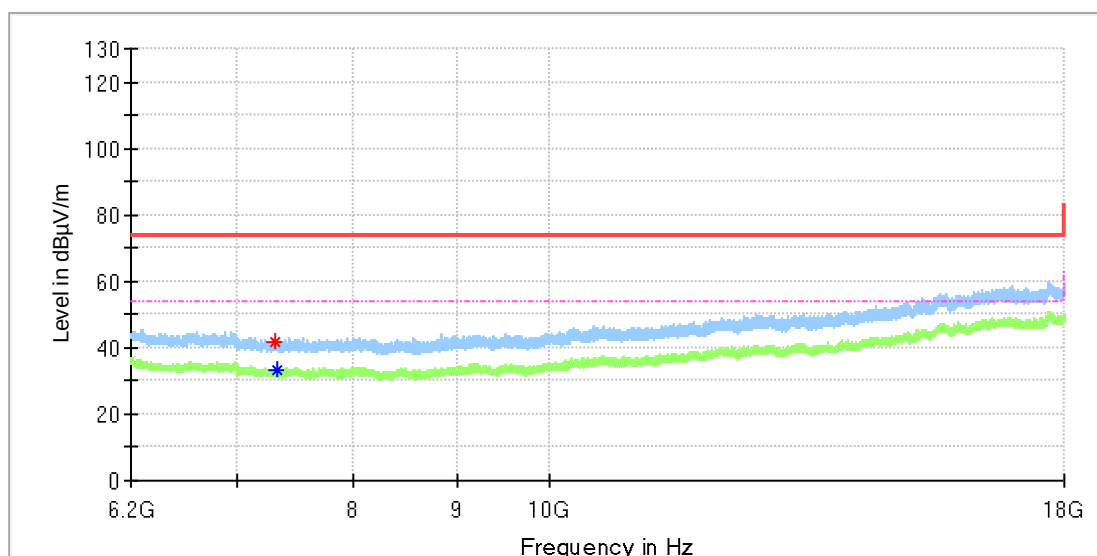
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4852.000000	51.77	---	74.00	22.23	100.0	V	4.0	11.8
4875.000000	---	40.00	54.00	14.00	100.0	V	25.0	11.8

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

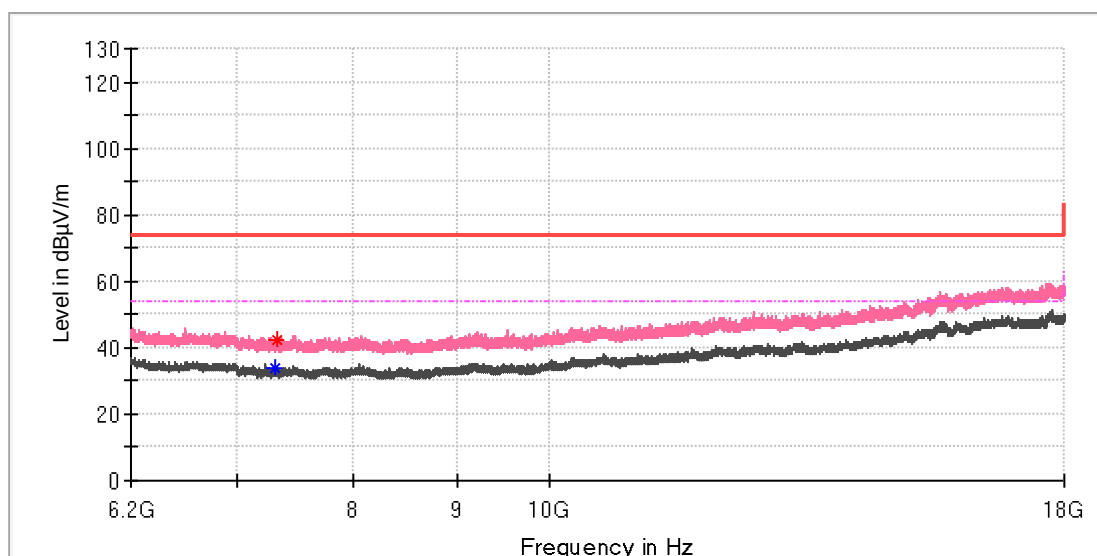
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7311.166667	41.99	---	74.00	32.01	100.0	H	298.0	8.2
7320.508333	---	33.13	54.00	20.87	100.0	H	274.0	8.2

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
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)
7311.166667	---	33.96	54.00	20.04	100.0	V	330.0	8.2
7330.341667	42.20	---	74.00	31.80	100.0	V	149.0	8.1

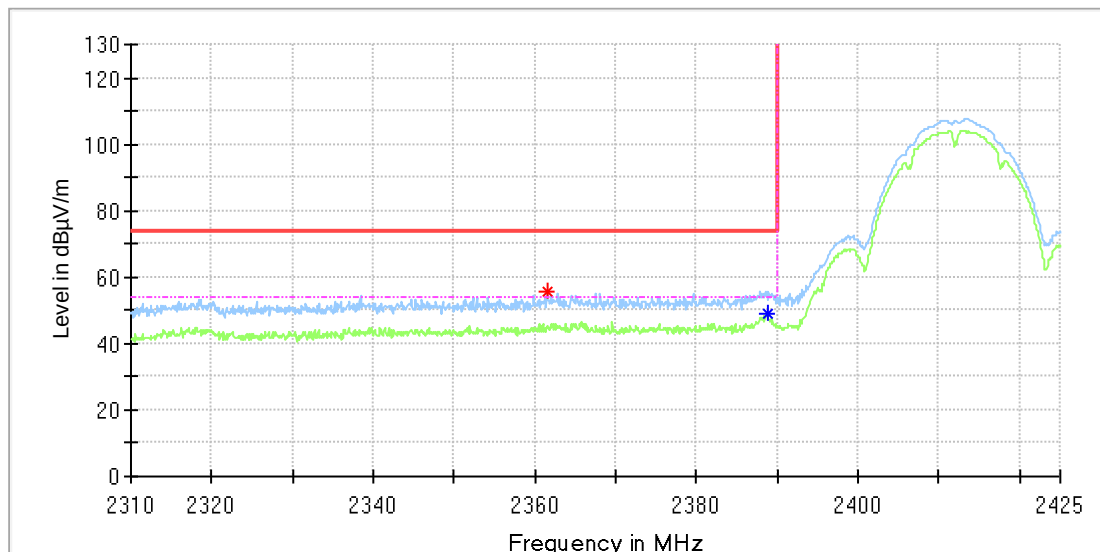
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

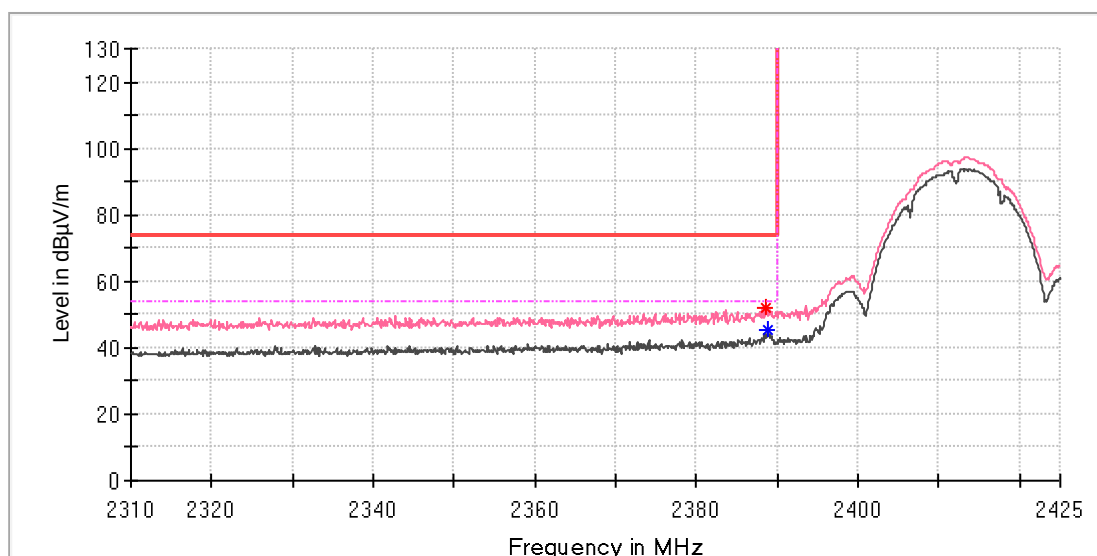
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.500000	55.66	---	74.00	18.34	100.0	H	219.0	6.9
2388.700000	---	48.94	54.00	5.06	100.0	H	42.0	7.0

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

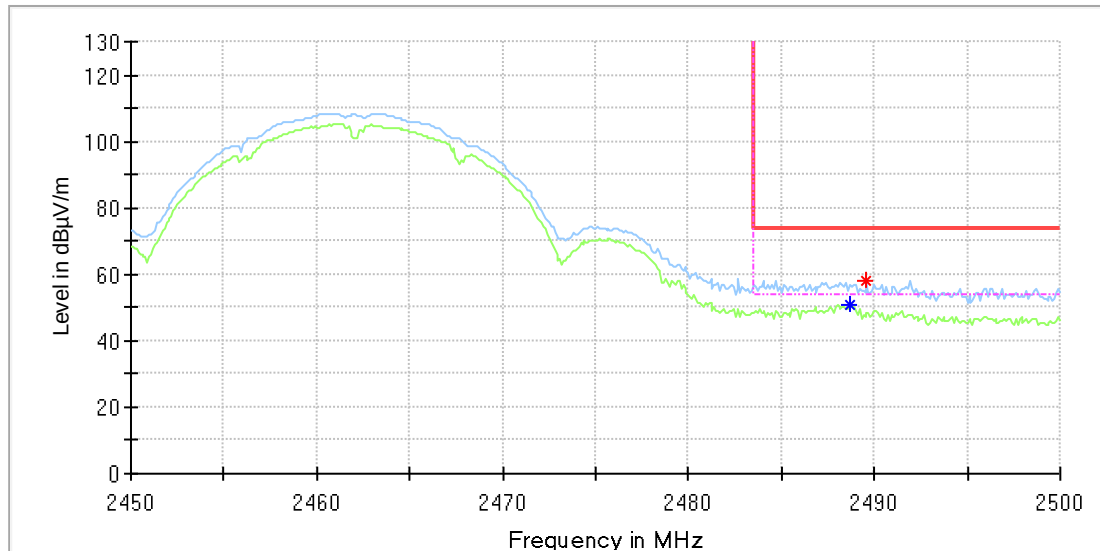
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.600000	52.07	---	74.00	21.93	100.0	V	330.0	7.0
2388.800000	---	45.12	54.00	8.88	100.0	V	0.0	7.0

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

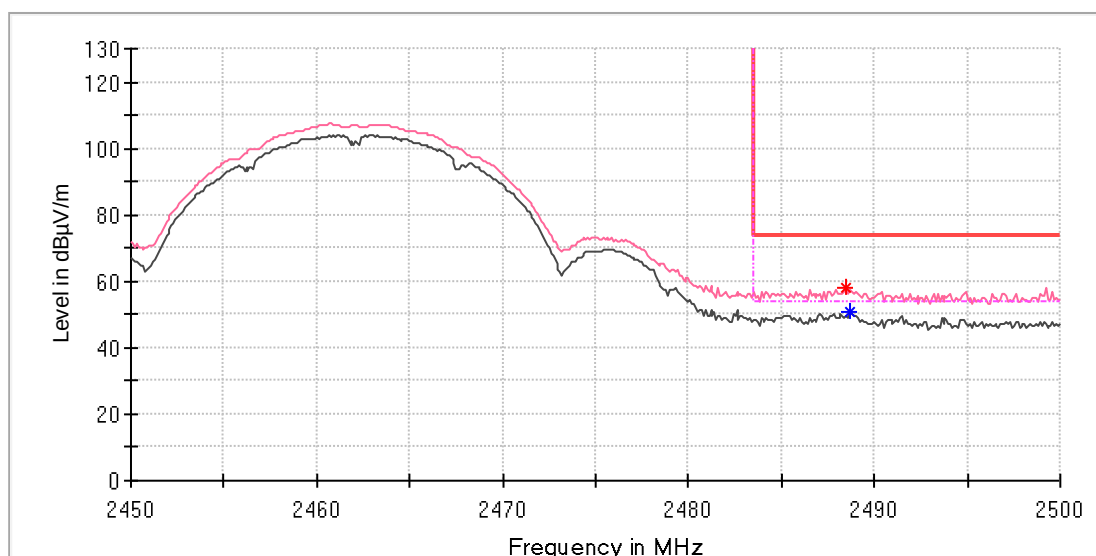
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.700000	---	50.85	54.00	3.15	100.0	H	40.0	7.4
2489.600000	57.91	---	74.00	16.09	100.0	H	40.0	7.4

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

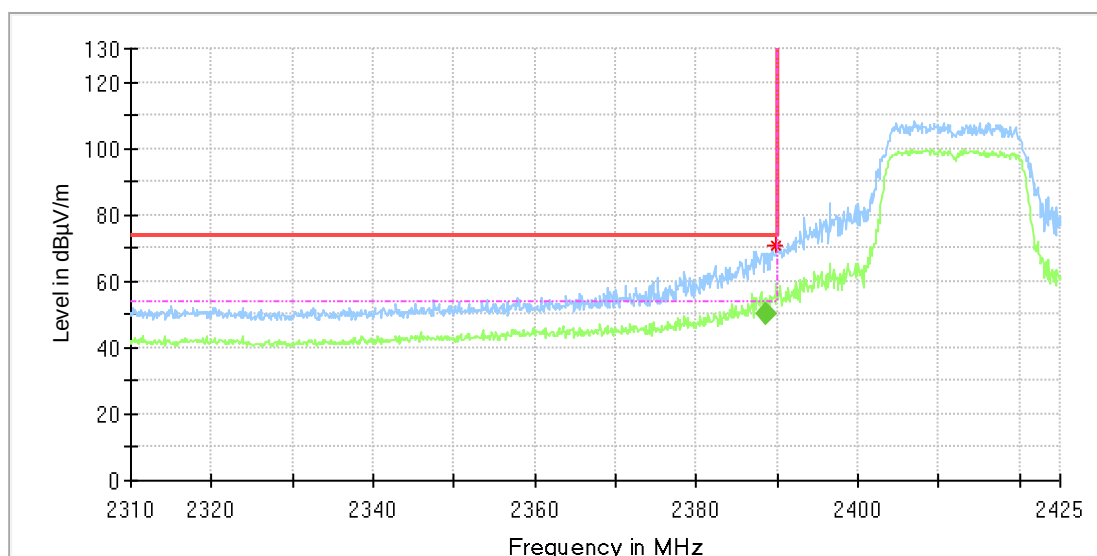
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.500000	57.92	---	74.00	16.08	100.0	V	346.0	7.4
2488.700000	---	50.52	54.00	3.48	100.0	V	346.0	7.4

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

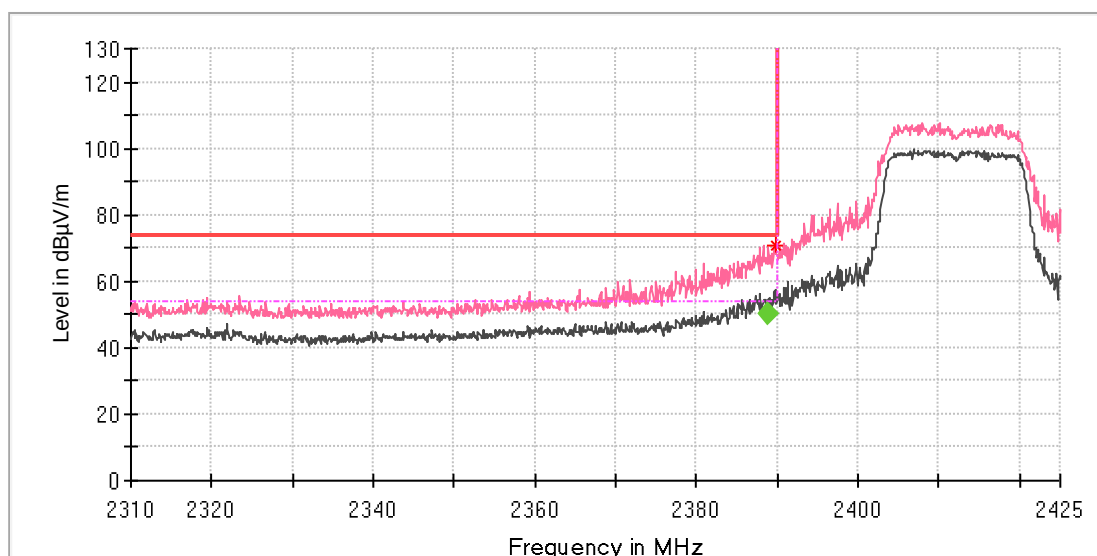
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.900000	70.49	---	74.00	3.51	100.0	H	315.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.484500	50.23	54.00	3.77	100.0	H	312.0	7.0

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

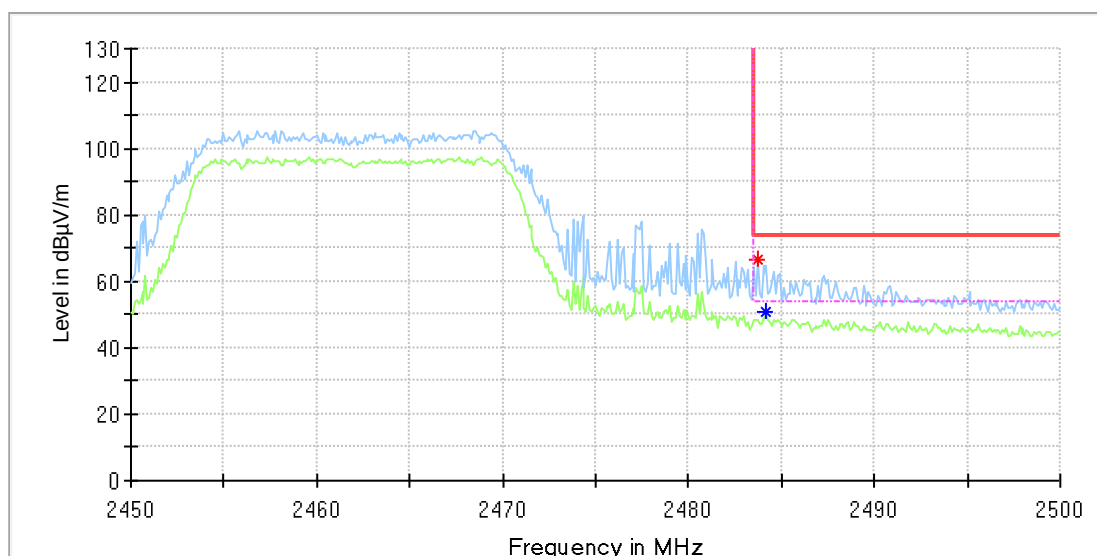
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.800000	70.69	---	74.00	3.31	100.0	V	47.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.926500	50.14	54.00	3.86	100.0	V	52.0	7.0

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

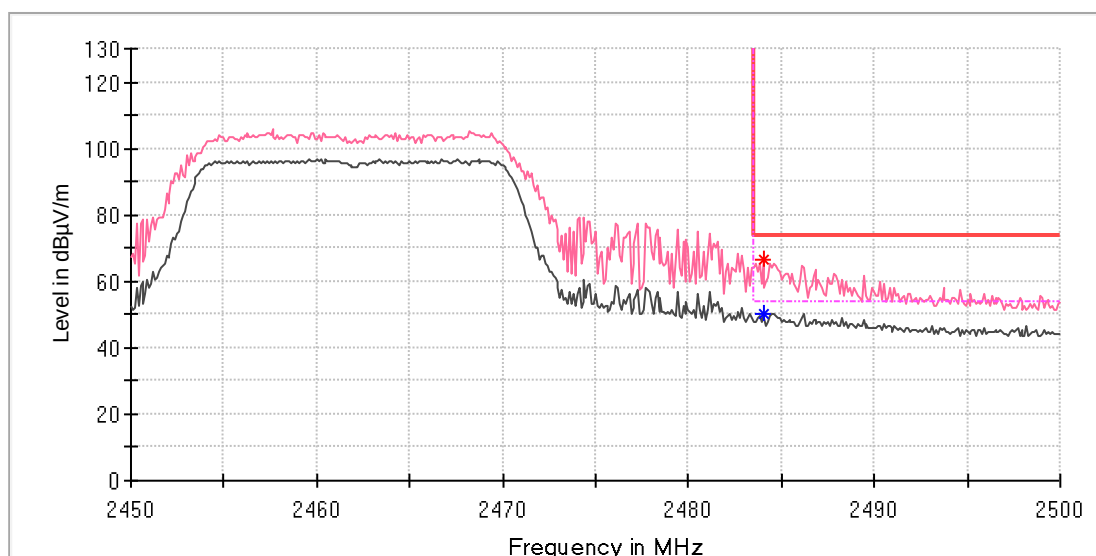
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	66.32	---	74.00	7.68	100.0	H	356.0	7.4
2484.200000	---	50.69	54.00	3.31	100.0	H	345.0	7.4

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

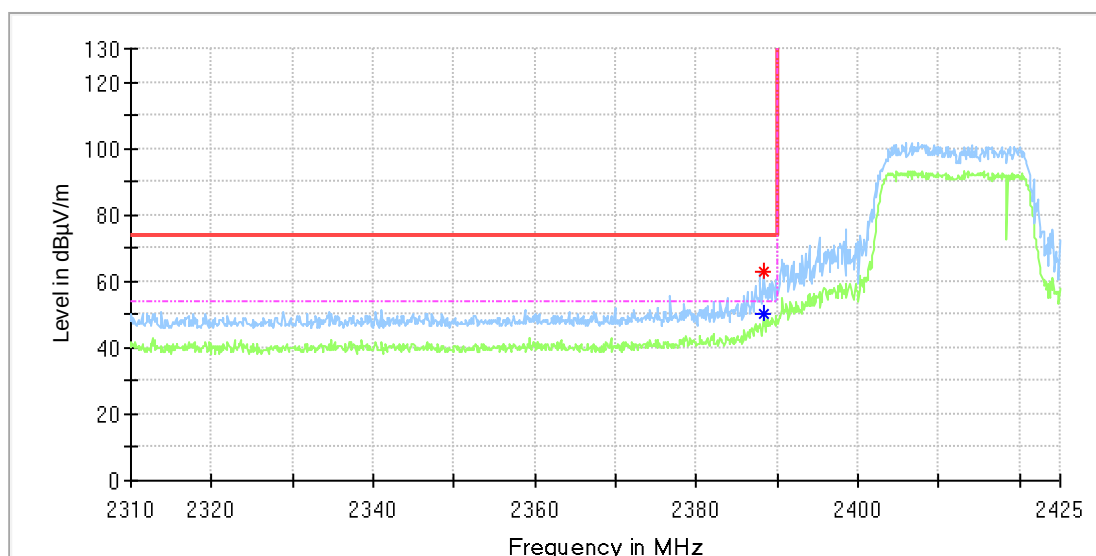
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.000000	66.49	---	74.00	7.51	100.0	V	58.0	7.4
2484.000000	---	50.36	54.00	3.64	100.0	V	58.0	7.4

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

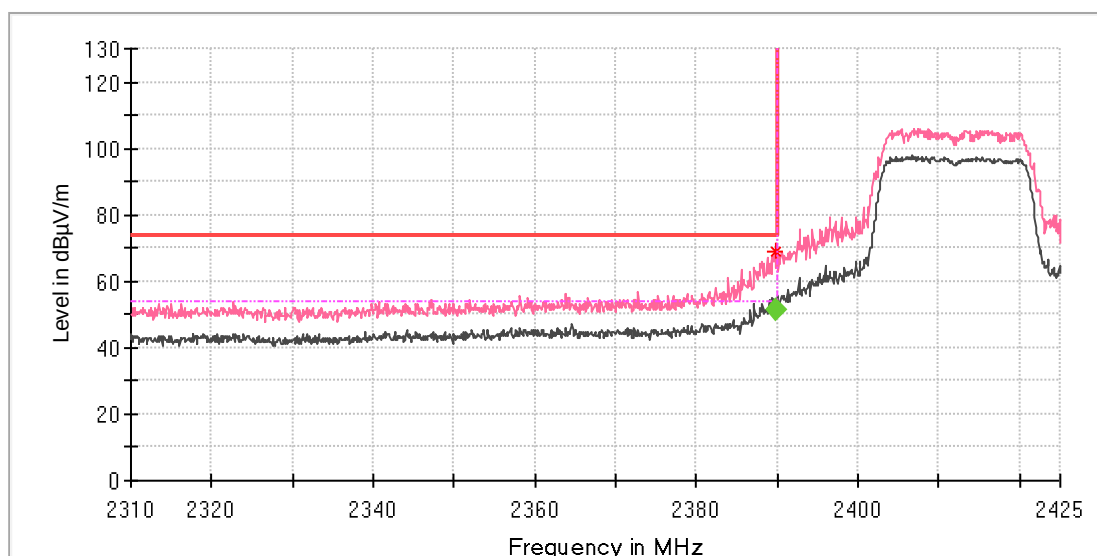
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.200000	62.83	---	74.00	11.17	100.0	H	0.0	7.0
2388.400000	---	50.00	54.00	4.00	100.0	H	0.0	7.0

Final Result

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

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

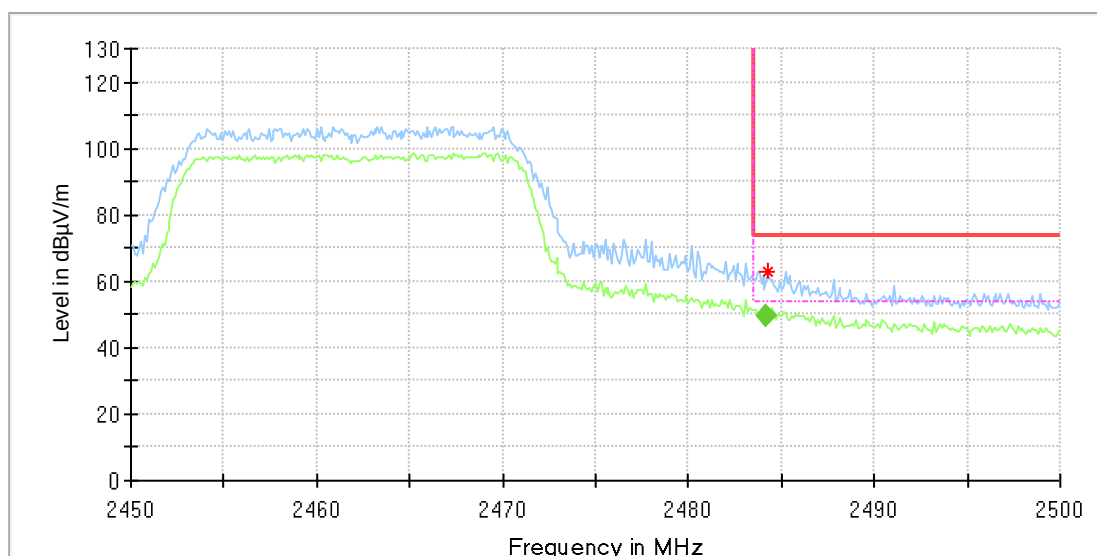
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.700000	69.04	---	74.00	4.96	100.0	V	235.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.888200	50.95	54.00	3.05	100.0	V	36.0	7.0

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

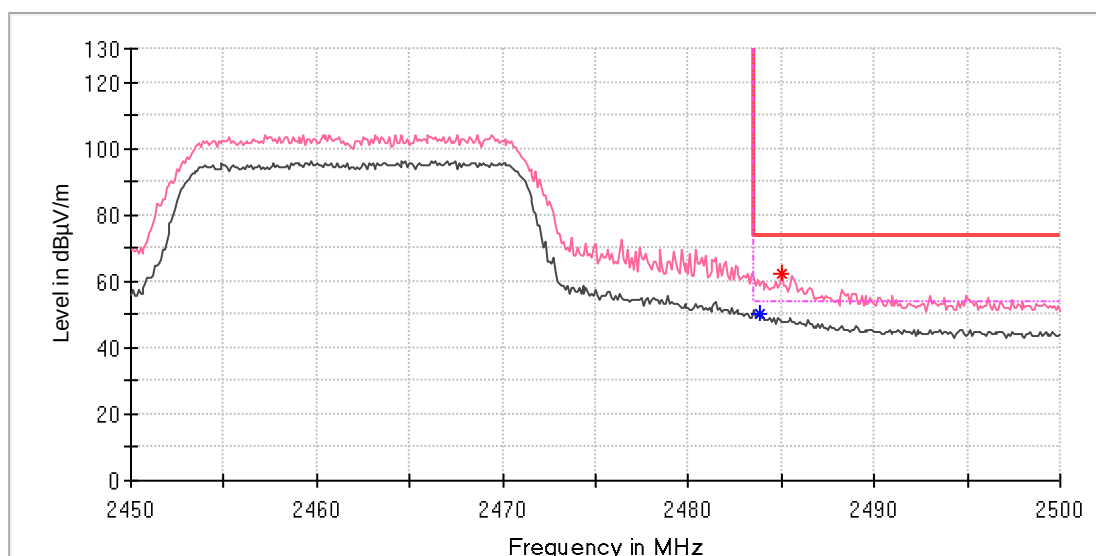
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.300000	63.05	---	74.00	10.95	100.0	H	129.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.177050	49.29	54.00	4.71	100.0	H	124.0	7.4

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

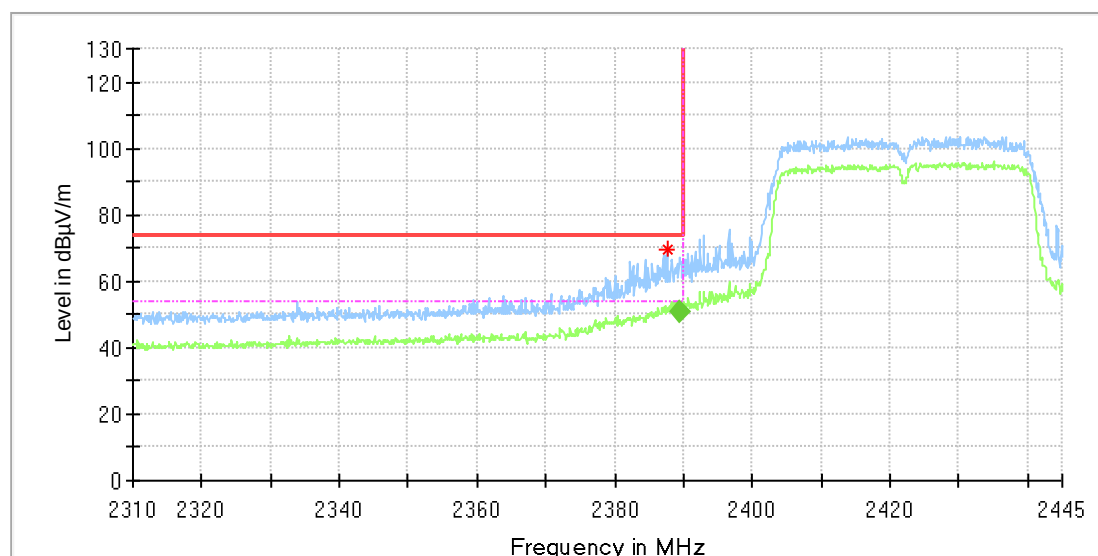
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.800000	---	50.28	54.00	3.72	100.0	V	351.0	7.4
2485.000000	62.15	---	74.00	11.85	100.0	V	89.0	7.4

Final Result

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

EUT Information

EUT Name:	Smartmi Robot Vacuum Cleaner
Model:	ZNXDJQR01ZM
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168373731/A003270063-001
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

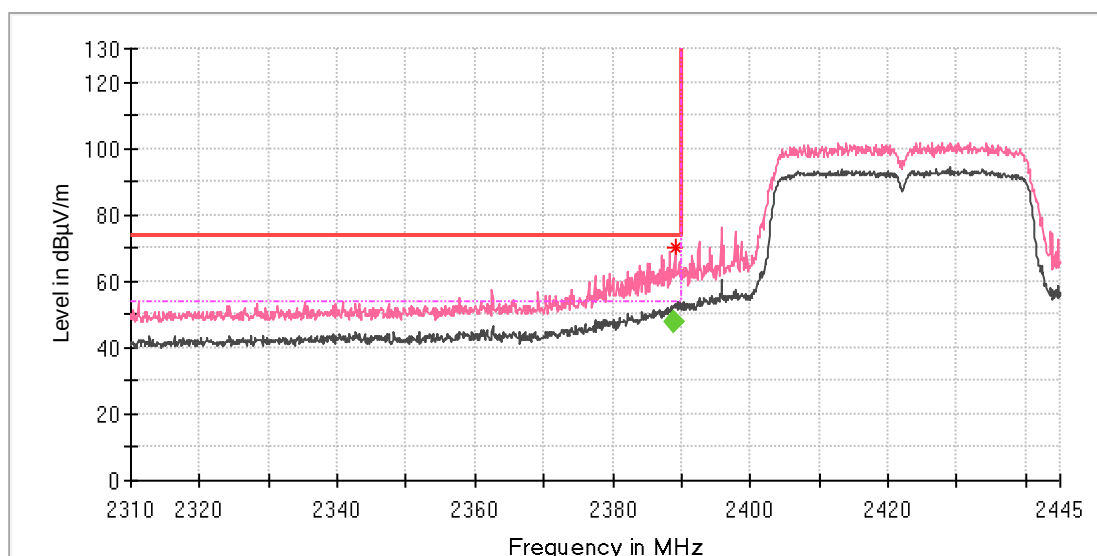
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.600000	69.53	---	74.00	4.47	100.0	H	119.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.319450	50.52	54.00	3.48	100.0	H	125.0	7.0

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

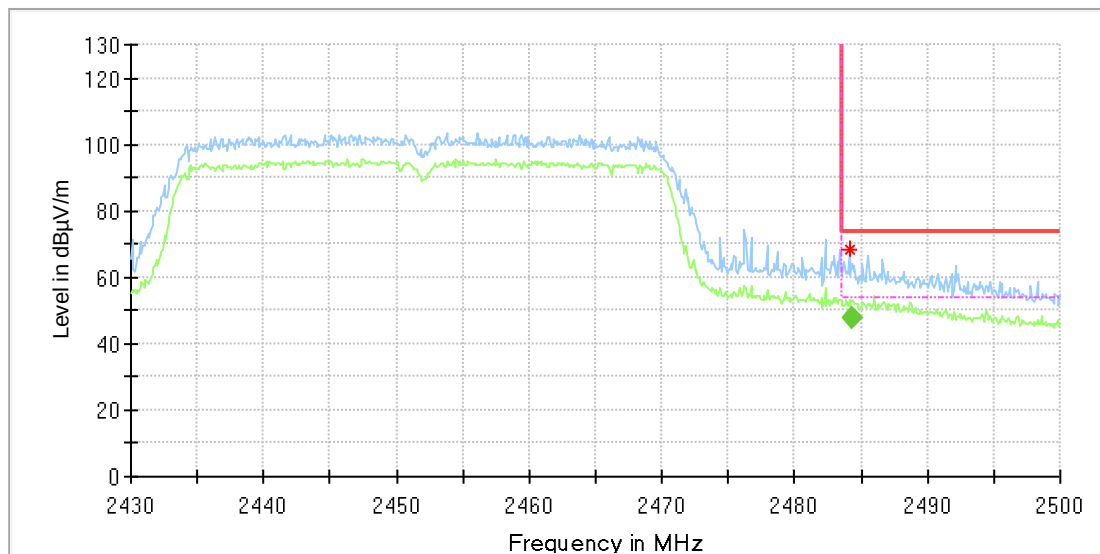
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.100000	69.85	---	74.00	4.15	100.0	V	62.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.722200	47.87	54.00	6.13	100.0	V	237.0	7.0

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

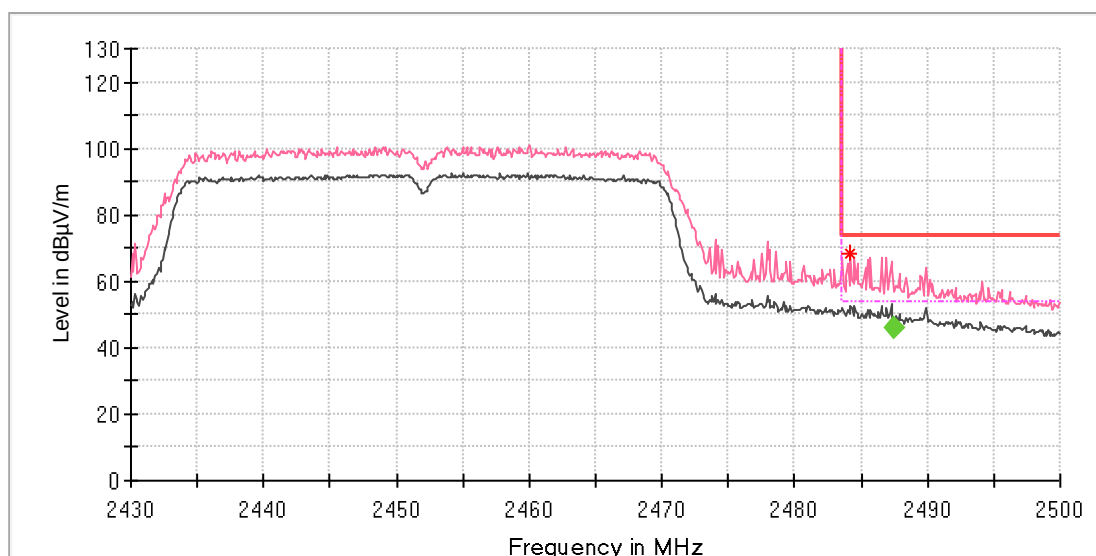
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.100000	68.25	---	74.00	5.75	100.0	H	10.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.366650	47.73	54.00	6.27	100.0	H	8.0	7.4

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Model: ZNXDJQR01ZM
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168373731/A003270063-001
Test Voltage: Battery
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.200000	68.05	---	74.00	5.95	100.0	V	41.0	7.4

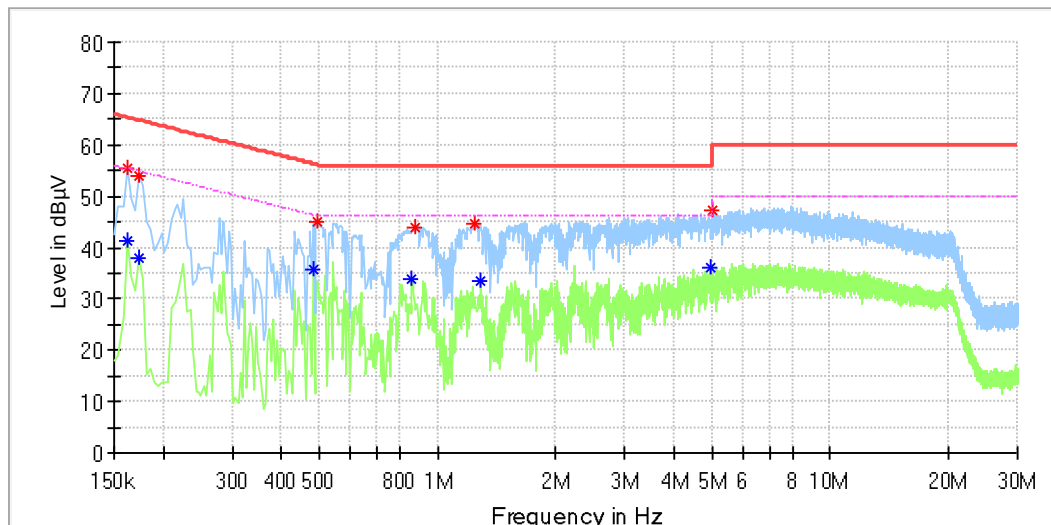
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.468900	45.89	54.00	8.11	105.0	V	91.0	7.4

Appendix B.7: Test Results of Conducted Emission

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Order No: 168373731 190
Model: ZNXDJQR01ZM
Test mode: Charging+WIFI
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By./Review By: Ouyang Wang/Gary Chen
Tem./Hum./Pressure: 24.2°C/51%/101kPa
Remark: SR2

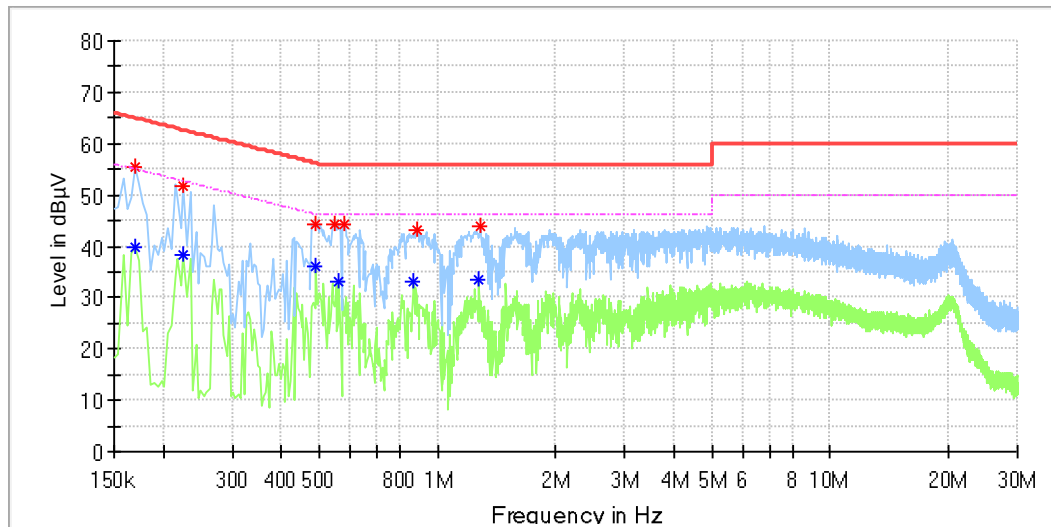


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	55.50	---	65.36	9.86	L1	9.9
0.162000	---	41.43	55.36	13.93	L1	9.9
0.174000	53.99	---	64.77	10.78	L1	9.9
0.174000	---	38.06	54.77	16.70	L1	9.9
0.482000	---	35.71	46.31	10.60	L1	10.0
0.494000	45.09	---	56.10	11.01	L1	10.0
0.862000	---	33.88	46.00	12.12	L1	10.0
0.874000	43.76	---	56.00	12.24	L1	10.0
1.238000	44.77	---	56.00	11.23	L1	10.1
1.290000	---	33.32	46.00	12.68	L1	10.1
4.942000	---	36.16	46.00	9.84	L1	10.2
5.038000	47.12	---	60.00	12.88	L1	10.3

EUT Information

EUT Name: Smartmi Robot Vacuum Cleaner
Order No: 168373731 190
Model: ZNXDJQR01ZM
Test mode: Charging+WIFI
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By./Review By: Ouyang Wang/Gary Chen
Tem./Hum./Pressure: 24.2°C/51%/101kPa
Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	55.33	---	64.96	9.63	N	9.8
0.170000	---	39.94	54.96	15.02	N	9.8
0.226000	---	38.34	52.60	14.25	N	9.8
0.226000	51.83	---	62.60	10.77	N	9.8
0.490000	---	36.21	46.17	9.96	N	9.8
0.490000	44.17	---	56.17	12.00	N	9.8
0.546000	44.35	---	56.00	11.65	N	9.8
0.562000	---	32.96	46.00	13.04	N	9.8
0.578000	44.32	---	56.00	11.68	N	9.8
0.870000	---	33.24	46.00	12.76	N	9.8
0.886000	43.09	---	56.00	12.91	N	9.8
1.278000	---	33.47	46.00	12.53	N	9.8
1.286000	43.90	---	56.00	12.10	N	9.8