

Appendix B: Test Results of 2.4GHz Wi-Fi

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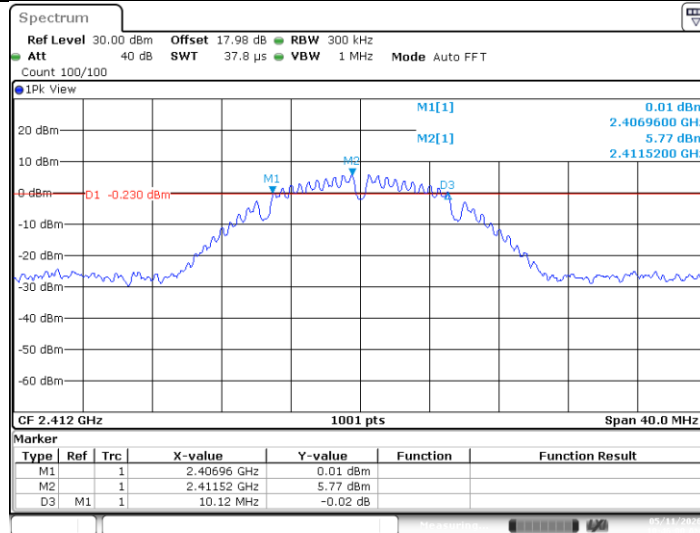
Appendix B.1: Test Results of 6dB Bandwidth

Test Result

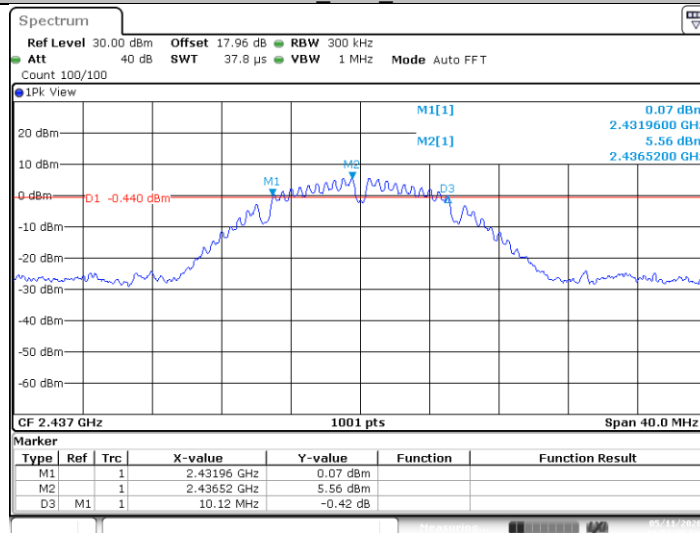
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.12	2406.96	2417.08	0.5	PASS
		2437	10.12	2431.96	2442.08	0.5	PASS
		2462	10.12	2456.96	2467.08	0.5	PASS
11G	Ant1	2412	15.92	2403.96	2419.88	0.5	PASS
		2437	15.64	2429.08	2444.72	0.5	PASS
		2462	16.12	2454.00	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.52	2403.28	2420.80	0.5	PASS
		2437	17.40	2428.32	2445.72	0.5	PASS
		2462	17.44	2453.32	2470.76	0.5	PASS
11AX20SISO	Ant1	2412	18.00	2402.68	2420.68	0.5	PASS
		2437	17.48	2428.04	2445.52	0.5	PASS
		2462	18.52	2452.68	2471.20	0.5	PASS

Test Graphs

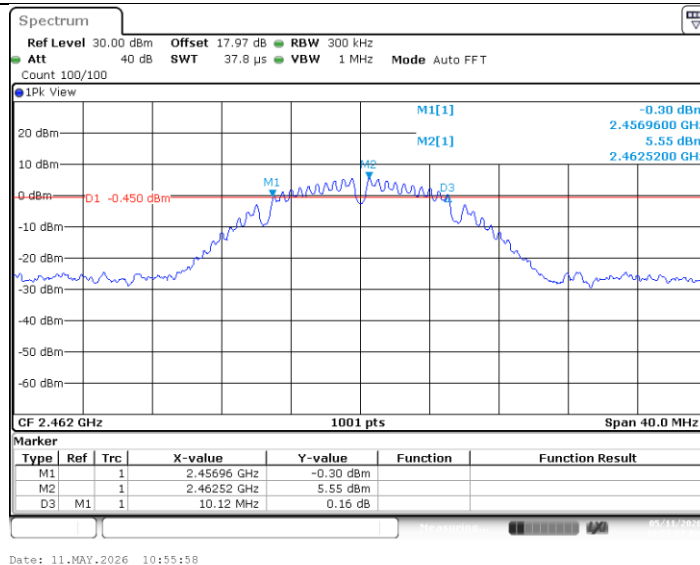
11B_Ant1_2412



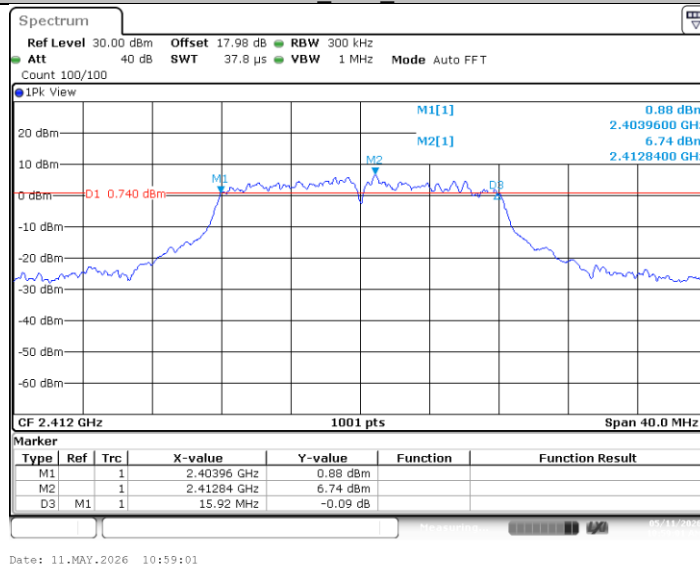
11B_Ant1_2437



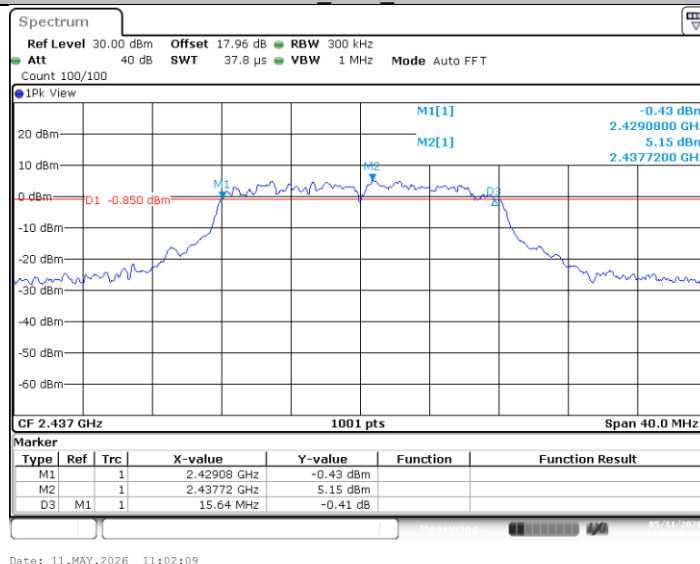
11B_Ant1_2462



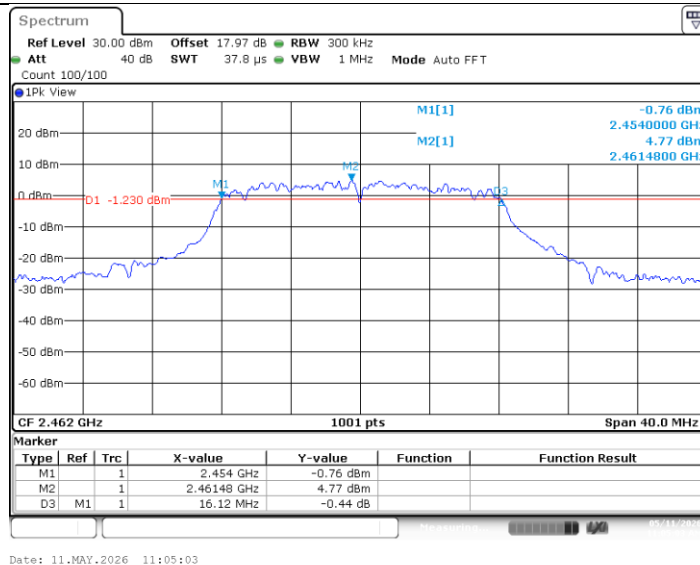
11G_Ant1_2412



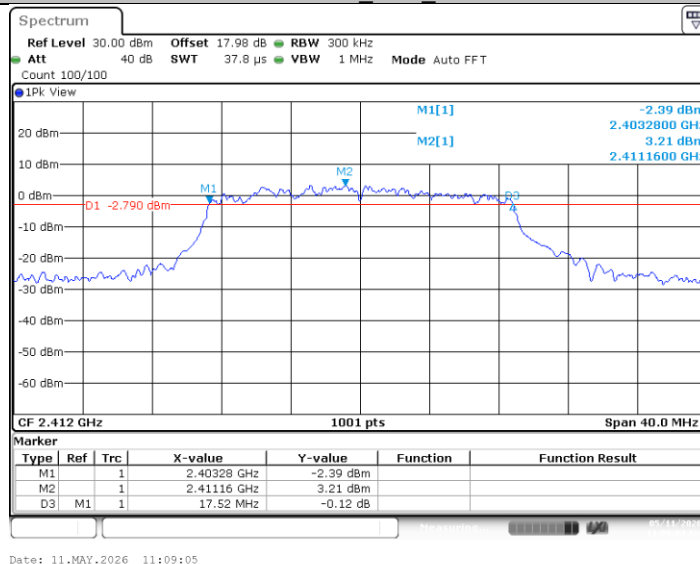
11G_Ant1_2437



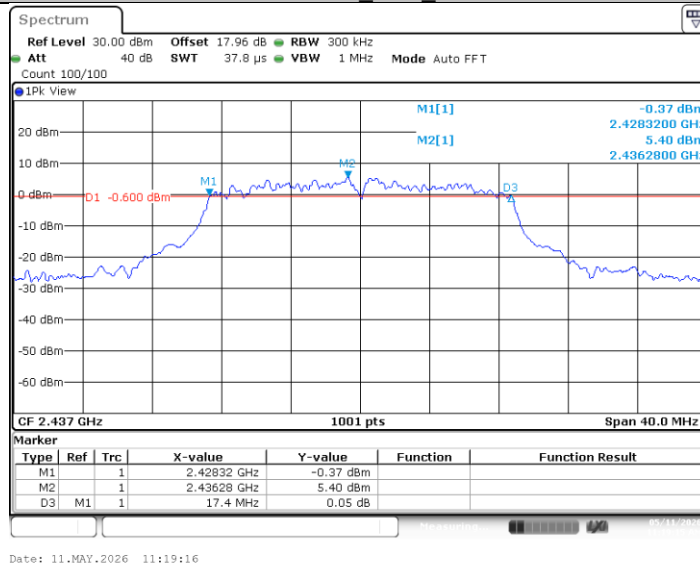
11G_Ant1_2462



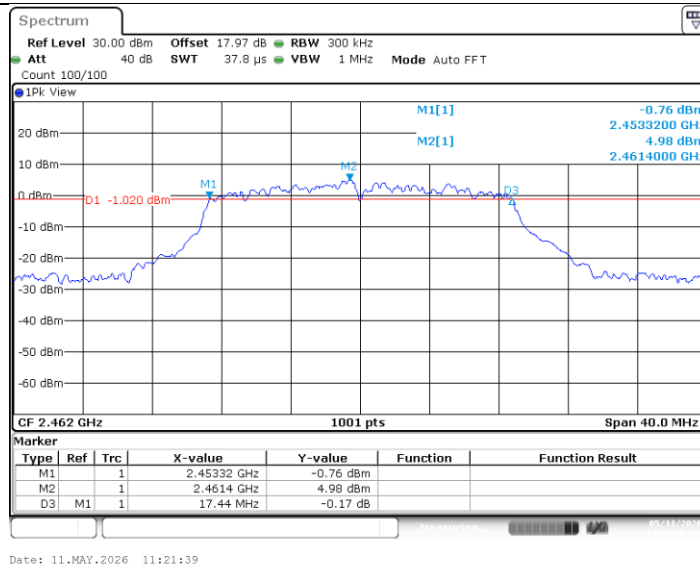
11N20SISO Ant1_2412



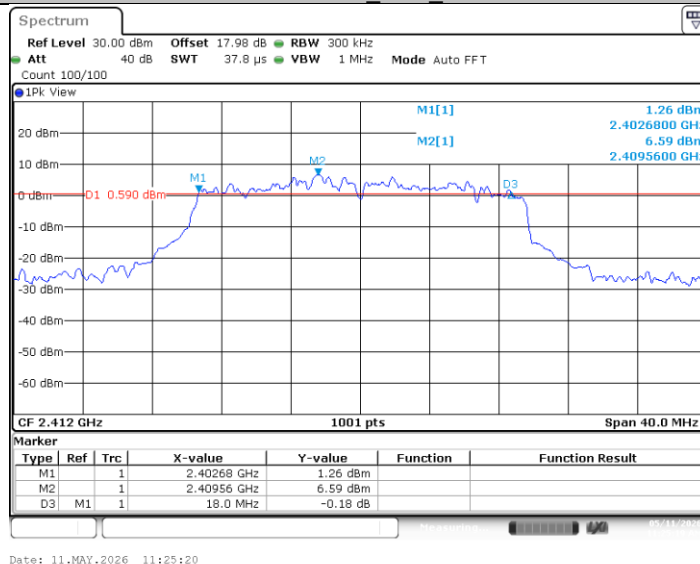
11N20SISO Ant1_2437



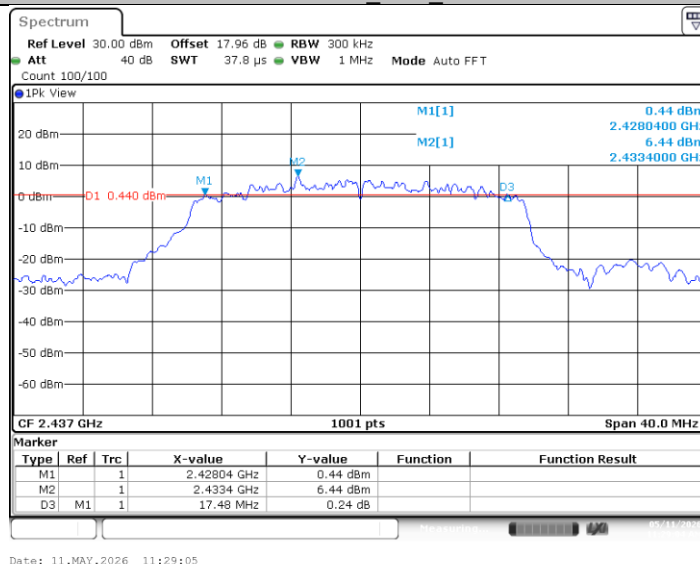
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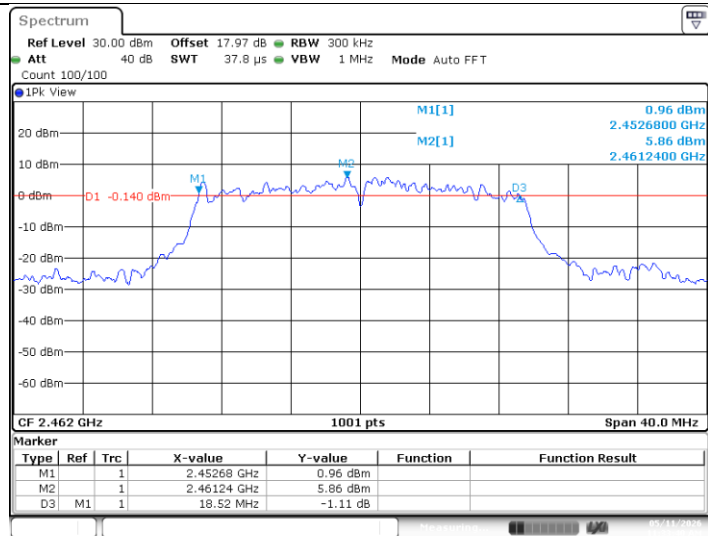
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



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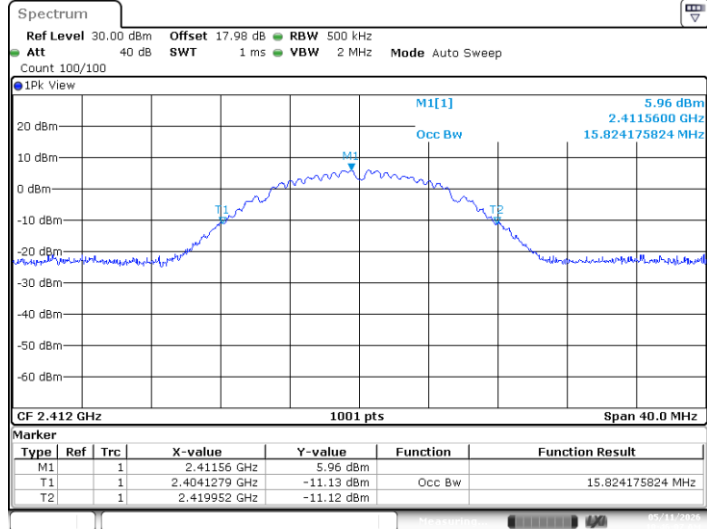
Appendix B.2: Test Results of 99% Bandwidth

Test Result

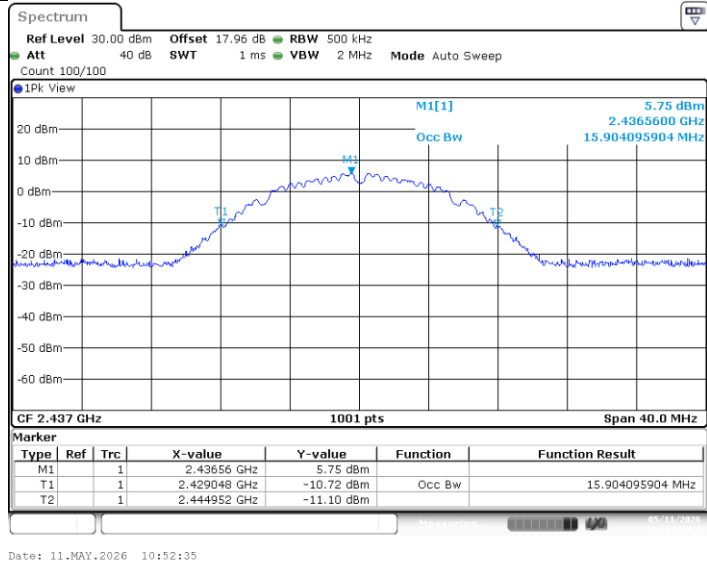
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.824	2404.1279	2419.9520	---	PASS
		2437	15.904	2429.0480	2444.9520	---	PASS
		2462	15.944	2454.0879	2470.0320	---	PASS
11G	Ant1	2412	18.022	2402.9291	2420.9510	---	PASS
		2437	18.062	2427.8891	2445.9510	---	PASS
		2462	18.182	2452.9291	2471.1109	---	PASS
11N20SISO	Ant1	2412	19.261	2402.3297	2421.5904	---	PASS
		2437	19.101	2427.4496	2446.5504	---	PASS
		2462	19.301	2452.4496	2471.7502	---	PASS
11AX20SISO	Ant1	2412	19.381	2402.3297	2421.7103	---	PASS
		2437	19.620	2427.2098	2446.8302	---	PASS
		2462	19.540	2452.2897	2471.8302	---	PASS

Test Graphs

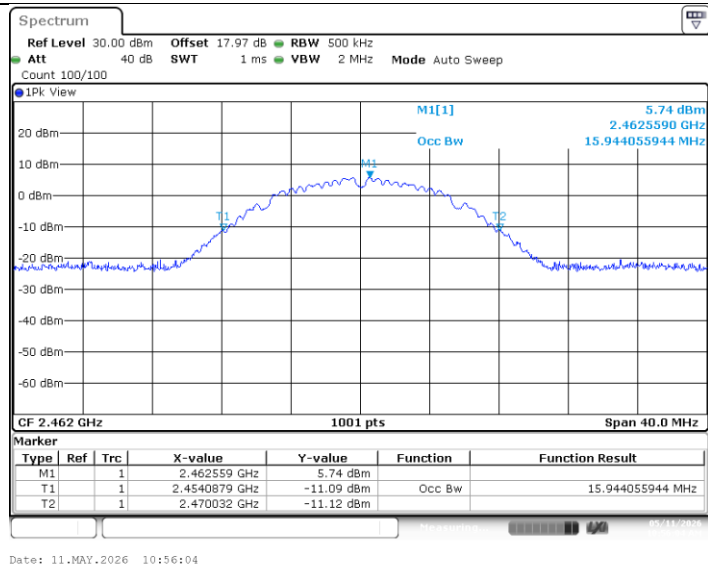
11B_Ant1_2412



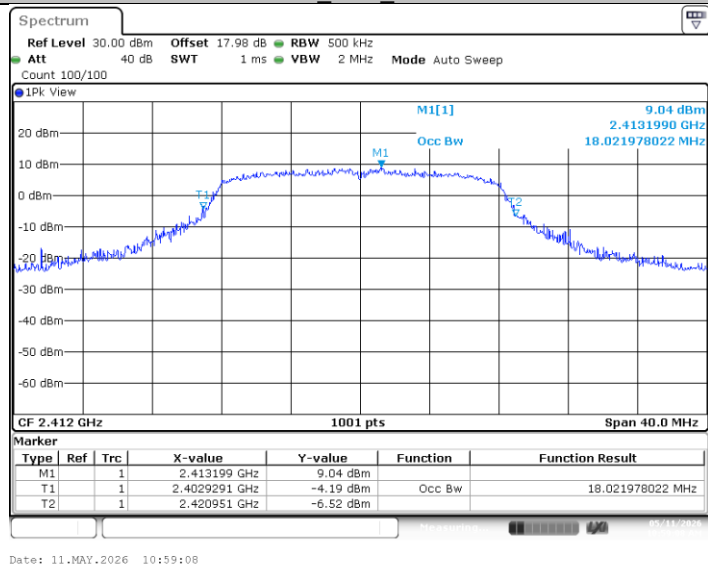
11B_Ant1_2437



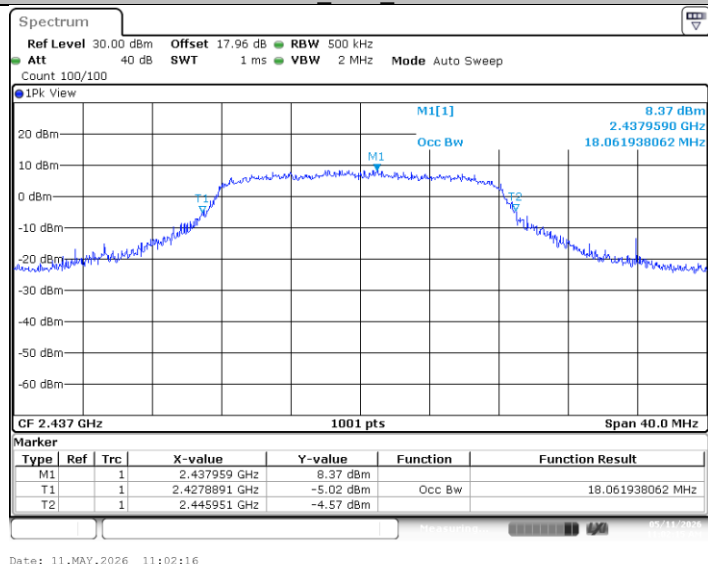
11B_Ant1_2462



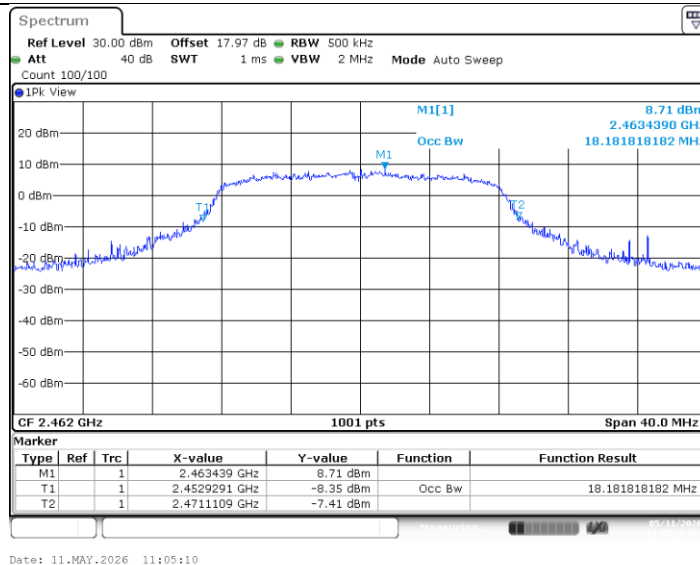
11G_Ant1_2412



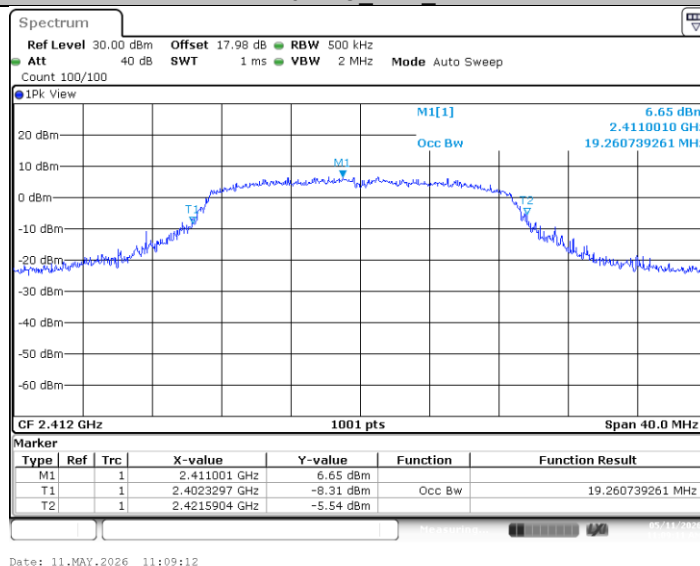
11G_Ant1_2437



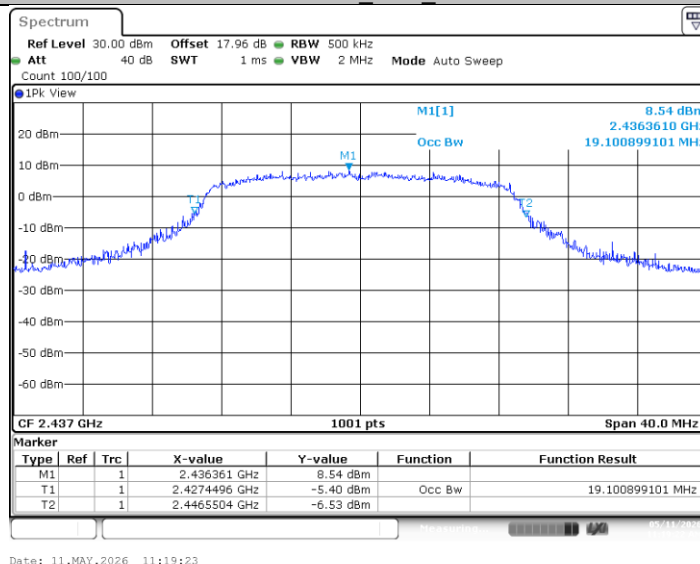
11G_Ant1_2462



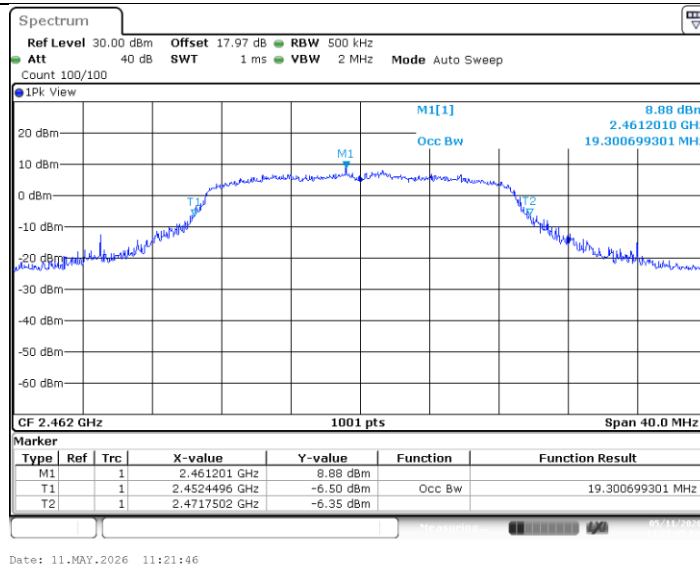
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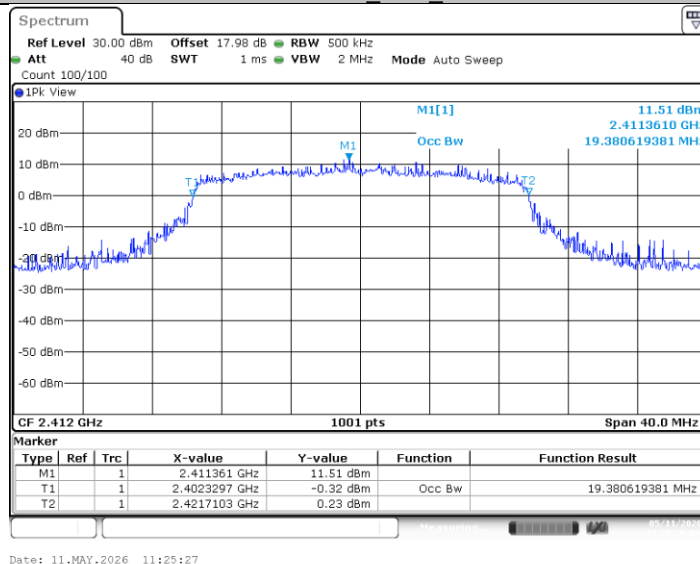
11N20SISO Ant1_2437



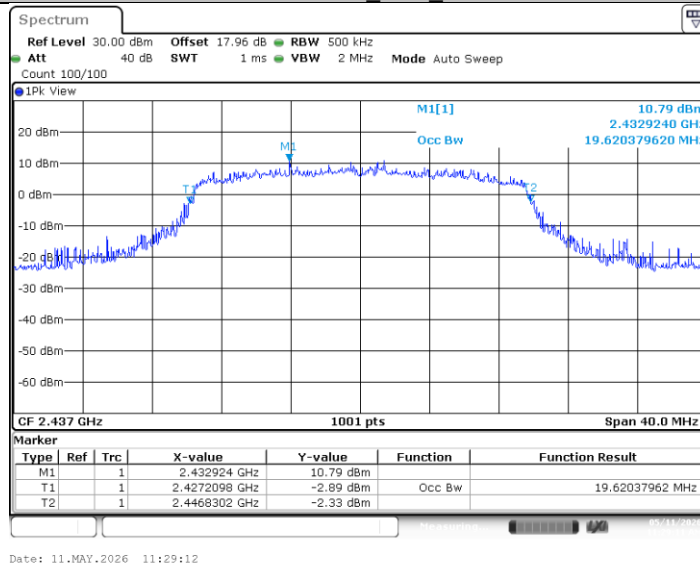
11N20SISO Ant1_2462



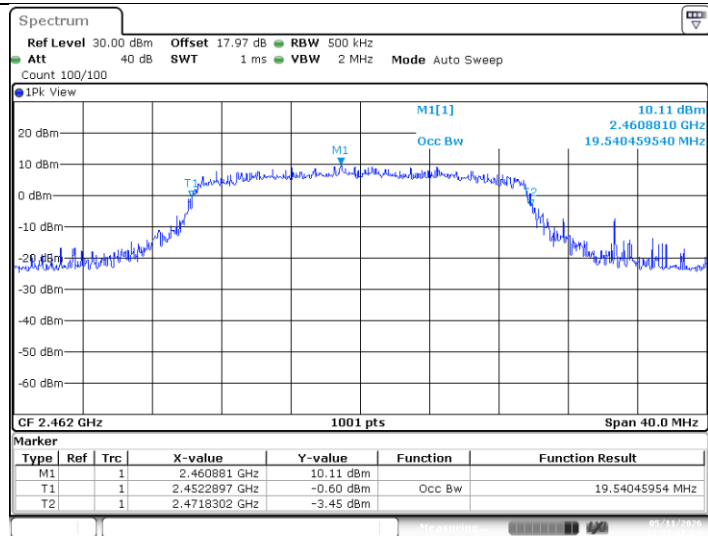
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



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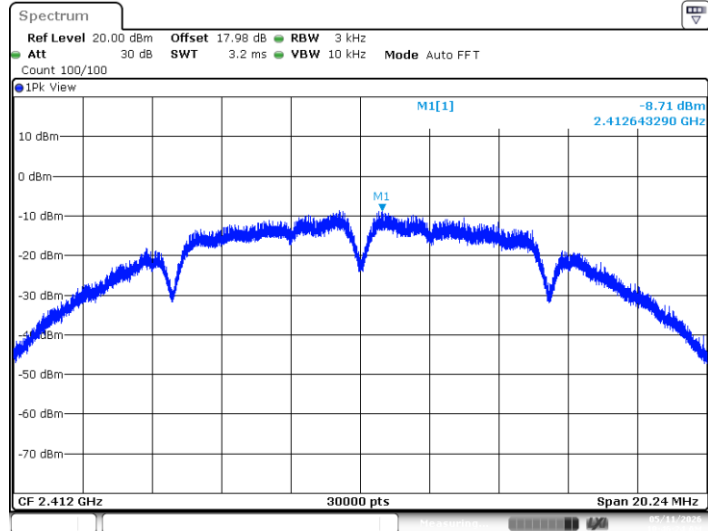
Appendix B.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.71	≤8.00	PASS
		2437	-9.13	≤8.00	PASS
		2462	-8.38	≤8.00	PASS
11G	Ant1	2412	-9.95	≤8.00	PASS
		2437	-10.71	≤8.00	PASS
		2462	-10.78	≤8.00	PASS
11N20SISO	Ant1	2412	-9.84	≤8.00	PASS
		2437	-8.77	≤8.00	PASS
		2462	-10.78	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.68	≤8.00	PASS
		2437	-12.49	≤8.00	PASS
		2462	-11.07	≤8.00	PASS

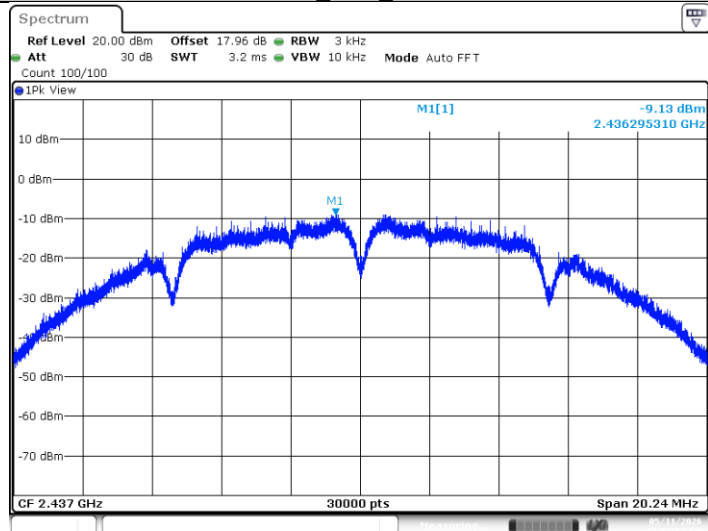
Test Graphs

11B_Ant1_2412



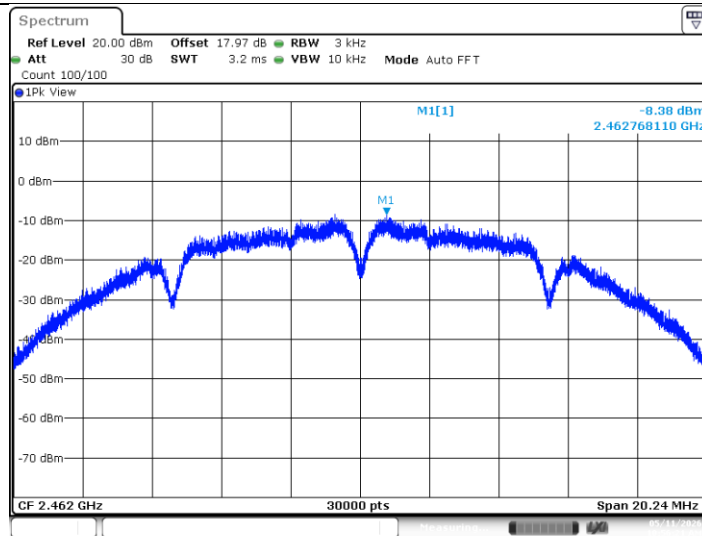
Date: 11.MAY.2026 10:46:25

11B_Ant1_2437

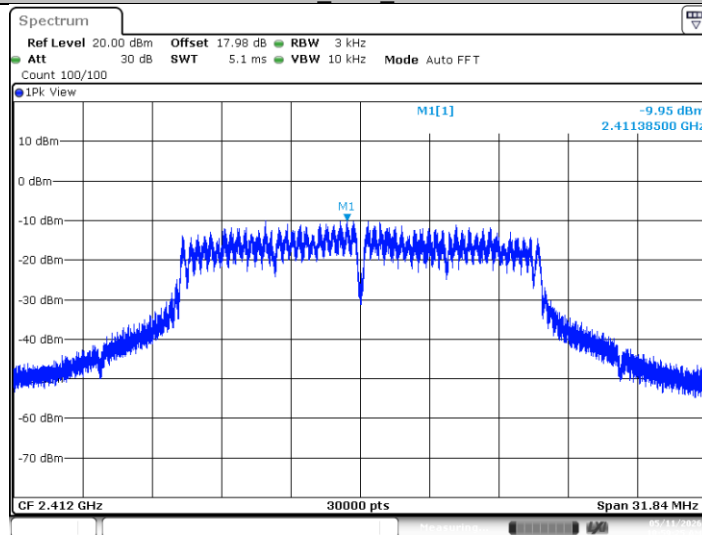


Date: 11.MAY.2026 10:52:52

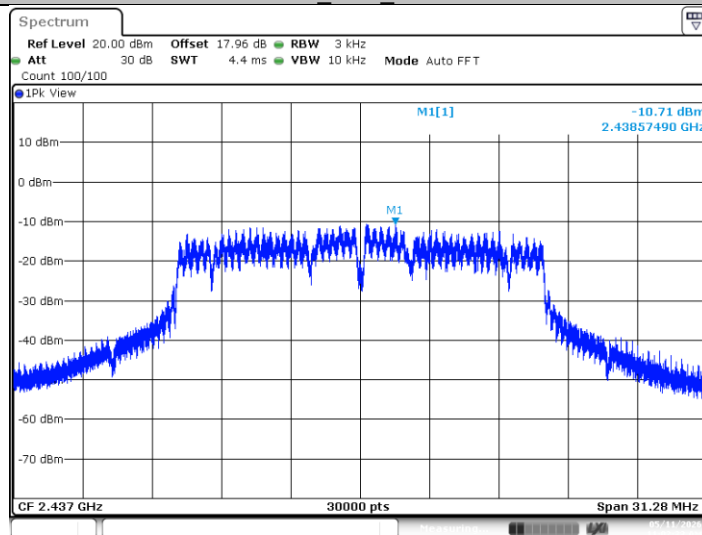
11B_Ant1_2462



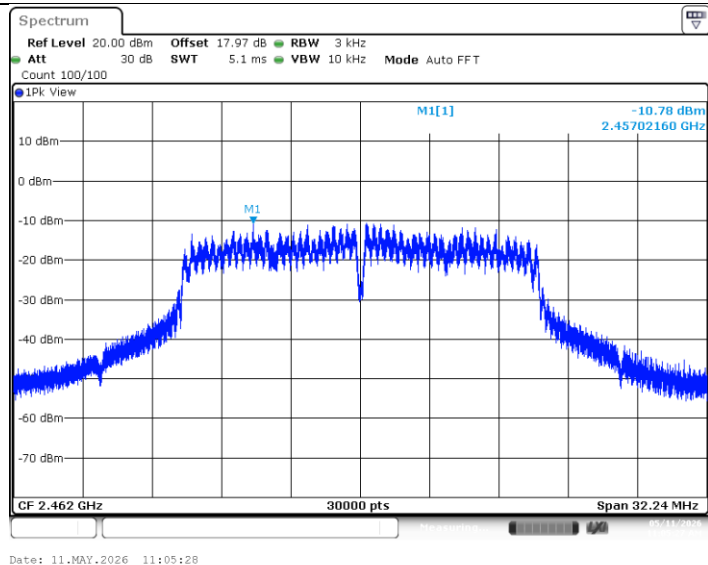
11G_Ant1_2412



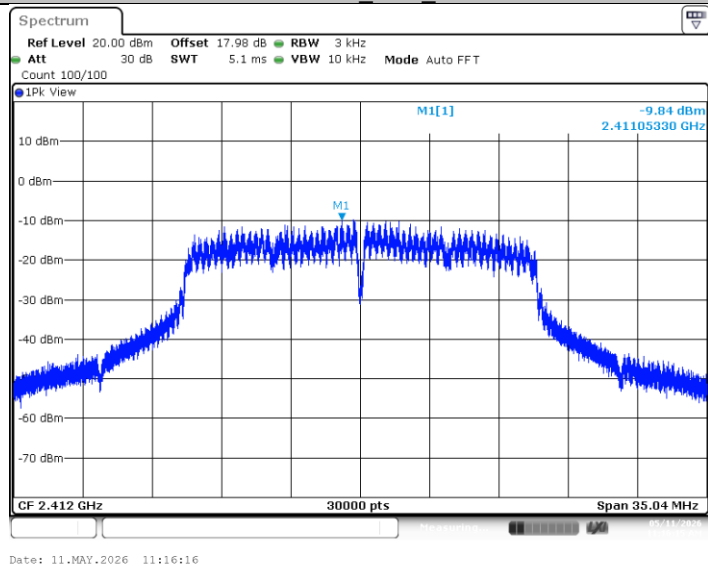
11G_Ant1_2437



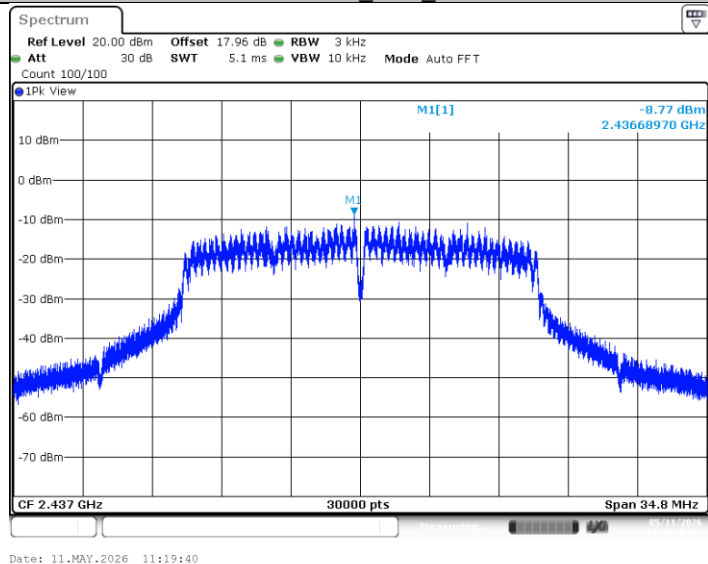
11G_Ant1_2462



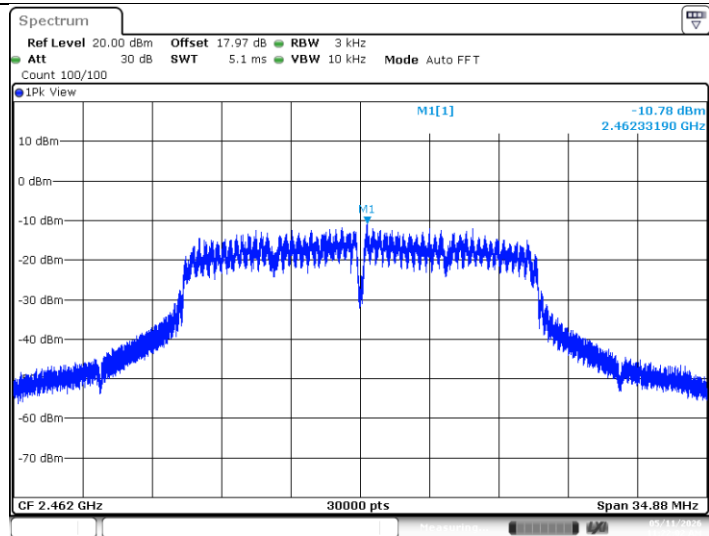
11N20SISO Ant1_2412



11N20SISO Ant1_2437

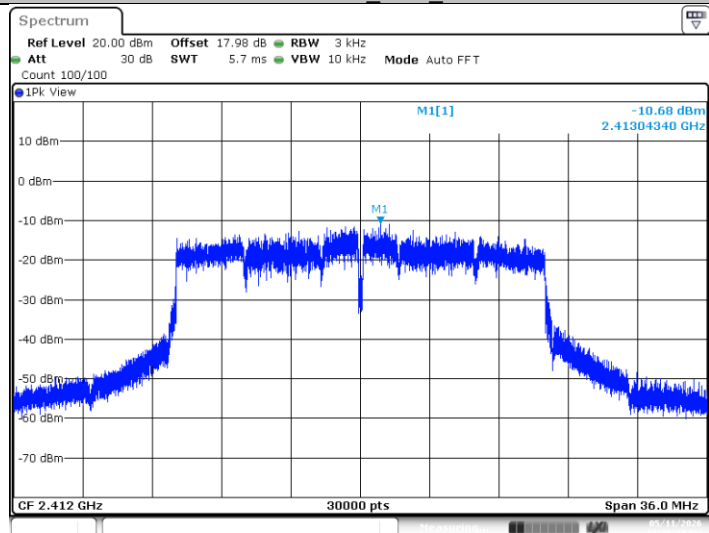


11N20SISO Ant1_2462



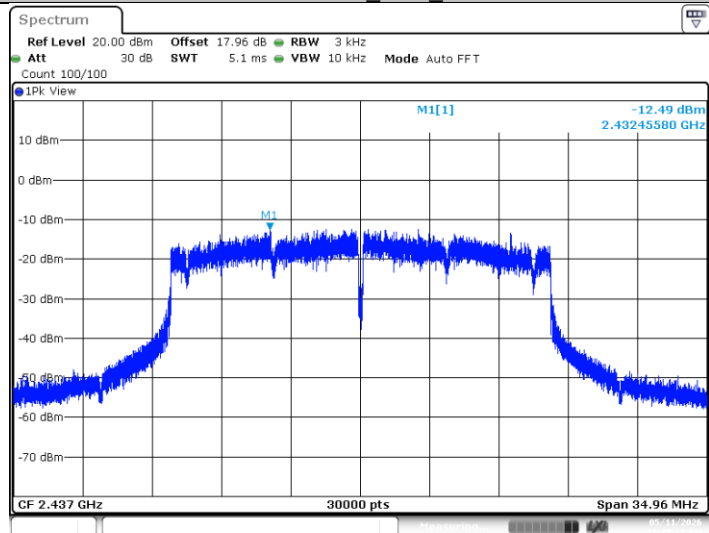
Date: 11.MAY.2026 11:22:03

11AX20SISO_Ant1_2412



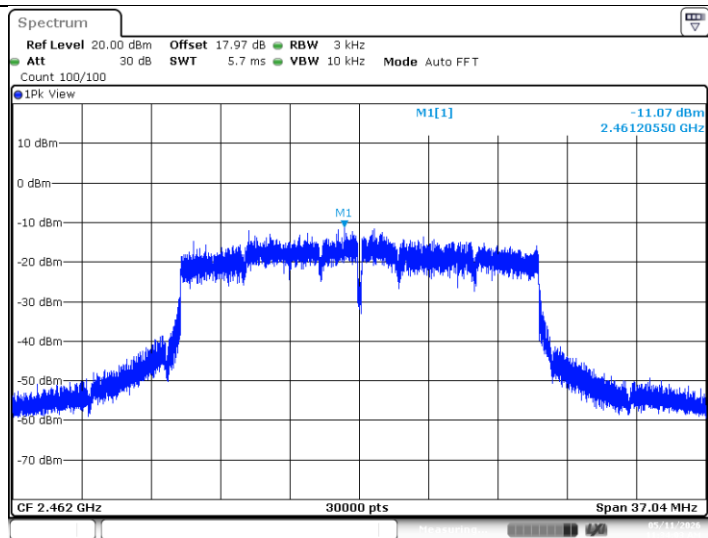
Date: 11.MAY.2026 11:25:44

11AX20SISO_Ant1_2437



Date: 11.MAY.2026 11:29:29

11AX20SISO_Ant1_2462



Date: 11.MAY.2026 11:34:04

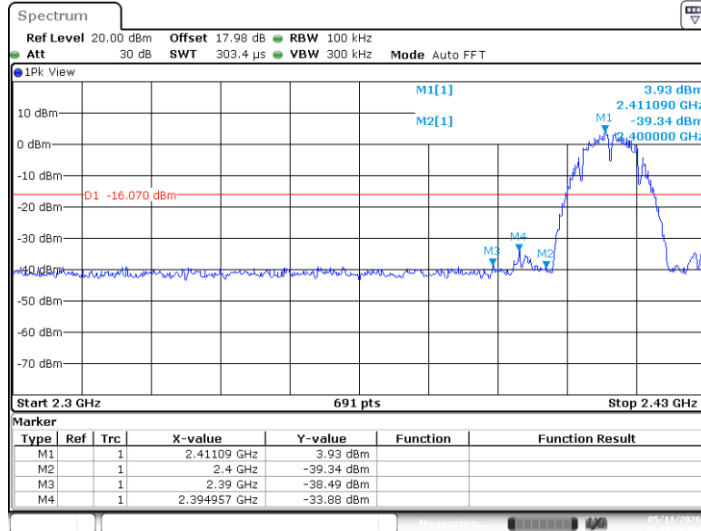
Appendix B.4: Test Results of Band Edge Measurements

Test Result

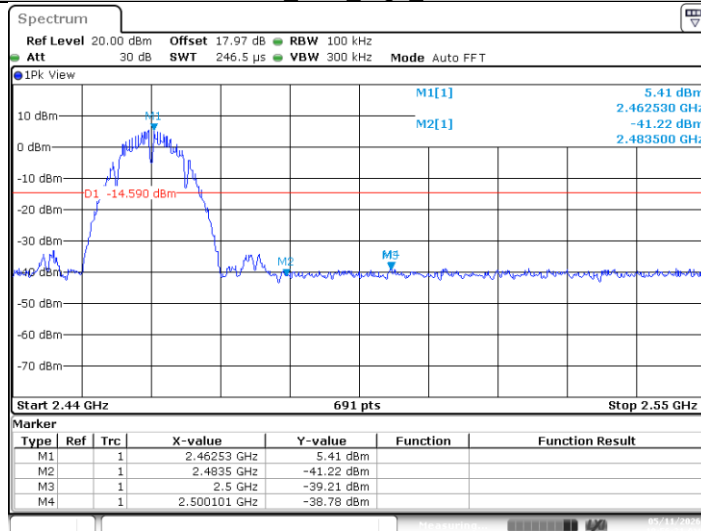
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.93	-33.88	≤-16.07	PASS
		High	2462	5.41	-38.78	≤-14.59	PASS
11G	Ant1	Low	2412	3.41	-27.17	≤-16.59	PASS
		High	2462	0.73	-38.38	≤-19.27	PASS
11N20SISO	Ant1	Low	2412	2.17	-27.14	≤-17.83	PASS
		High	2462	0.34	-38.23	≤-19.66	PASS
11AX20SISO	Ant1	Low	2412	1.96	-29.54	≤-18.04	PASS
		High	2462	-0.34	-38.92	≤-20.34	PASS

Test Graphs

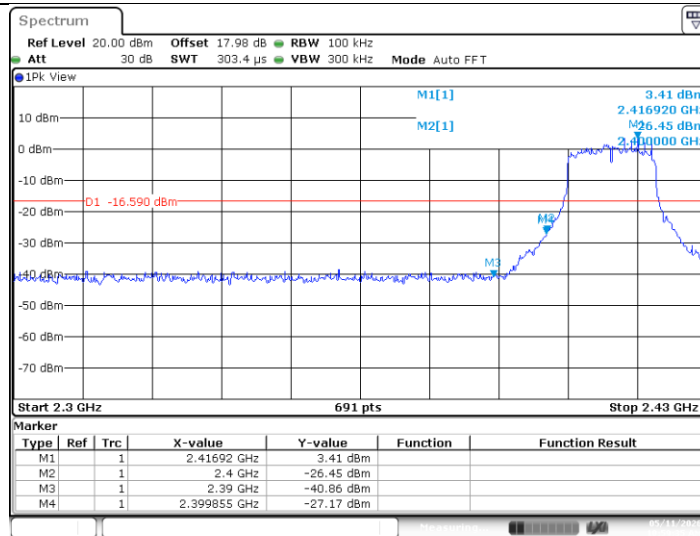
11B_Ant1_Low 2412



11B_Ant1_High 2462

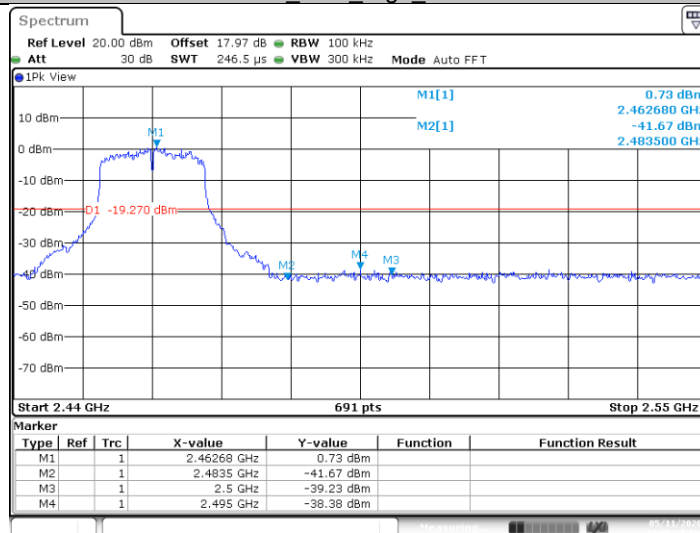


11G_Ant1_Low 2412



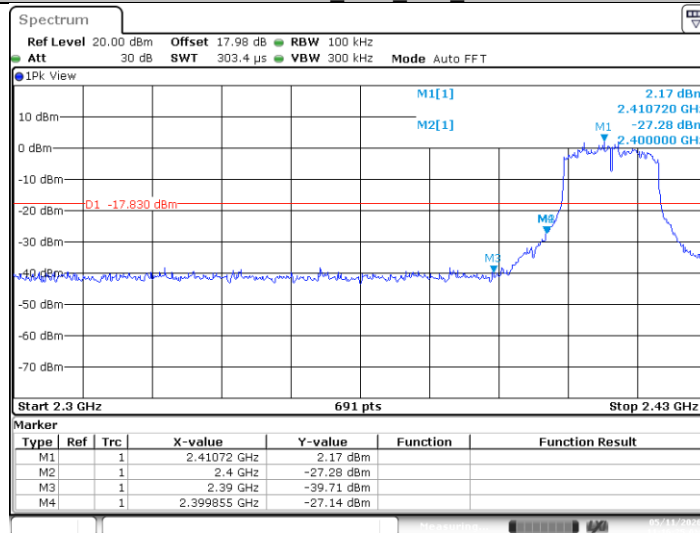
Date: 11.MAY.2026 10:59:35

11G Ant1 High 2462



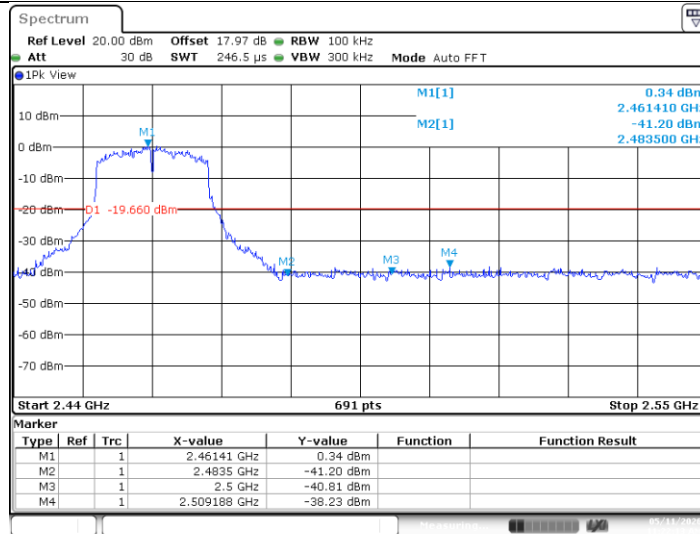
Date: 11.MAY.2026 11:05:38

11N20SISO Ant1 Low 2412

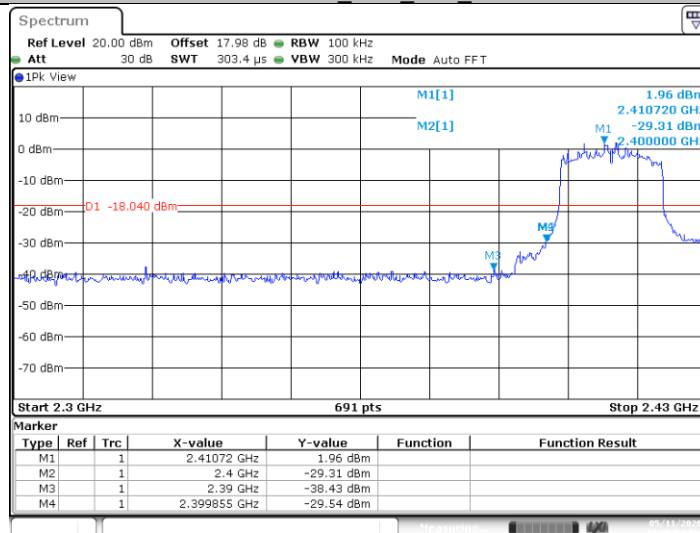


Date: 11.MAY.2026 11:16:26

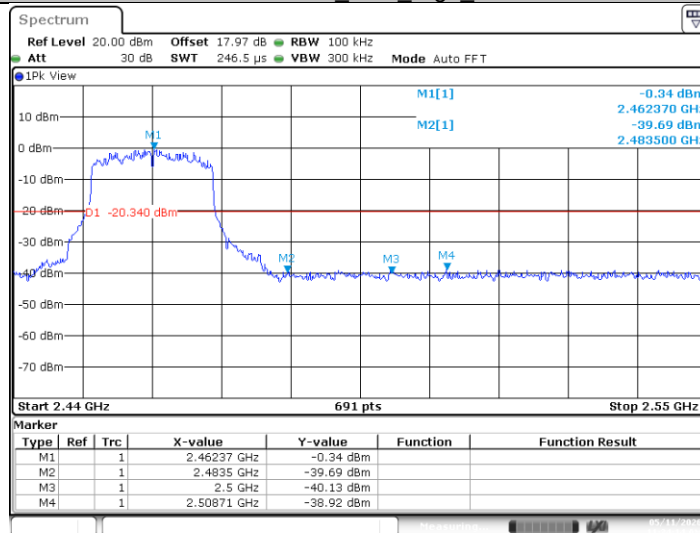
11N20SISO Ant1 High 2462



11AX20SISO_Ant1_Low 2412



11AX20SISO_Ant1_High 2462



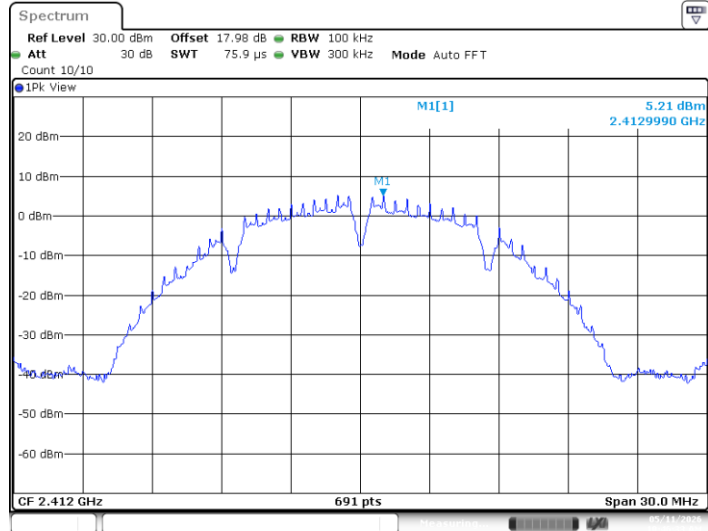
Appendix B.5: Test Results of Conducted Spurious Emissions

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.21	5.21	---	PASS
			30~1000	5.21	-43.68	≤-14.79	PASS
			1000~26500	5.21	-38.02	≤-14.79	PASS
		2437	Reference	5.30	5.30	---	PASS
			30~1000	5.30	-43.85	≤-14.7	PASS
			1000~26500	5.30	-37.98	≤-14.7	PASS
		2462	Reference	4.86	4.86	---	PASS
			30~1000	4.86	-43.27	≤-15.14	PASS
			1000~26500	4.86	-37.19	≤-15.14	PASS
11G	Ant1	2412	Reference	1.61	1.61	---	PASS
			30~1000	1.61	-43.45	≤-18.39	PASS
			1000~26500	1.61	-37.59	≤-18.39	PASS
		2437	Reference	3.02	3.02	---	PASS
			30~1000	3.02	-43.18	≤-16.98	PASS
			1000~26500	3.02	-38.02	≤-16.98	PASS
		2462	Reference	3.45	3.45	---	PASS
			30~1000	3.45	-43.45	≤-16.55	PASS
			1000~26500	3.45	-38.27	≤-16.55	PASS
11N20SISO	Ant1	2412	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-43.68	≤-18.05	PASS
			1000~26500	1.95	-37.68	≤-18.05	PASS
		2437	Reference	1.91	1.91	---	PASS
			30~1000	1.91	-43.25	≤-18.09	PASS
			1000~26500	1.91	-37.29	≤-18.09	PASS
		2462	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-43.58	≤-16.62	PASS
			1000~26500	3.38	-37.45	≤-16.62	PASS
11AX20SISO	Ant1	2412	Reference	4.26	4.26	---	PASS
			30~1000	4.26	-43.58	≤-15.74	PASS
			1000~26500	4.26	-38.04	≤-15.74	PASS
		2437	Reference	3.81	3.81	---	PASS
			30~1000	3.81	-42.86	≤-16.19	PASS
			1000~26500	3.81	-37.81	≤-16.19	PASS
		2462	Reference	1.27	1.27	---	PASS
			30~1000	1.27	-43.49	≤-18.73	PASS
			1000~26500	1.27	-37.52	≤-18.73	PASS

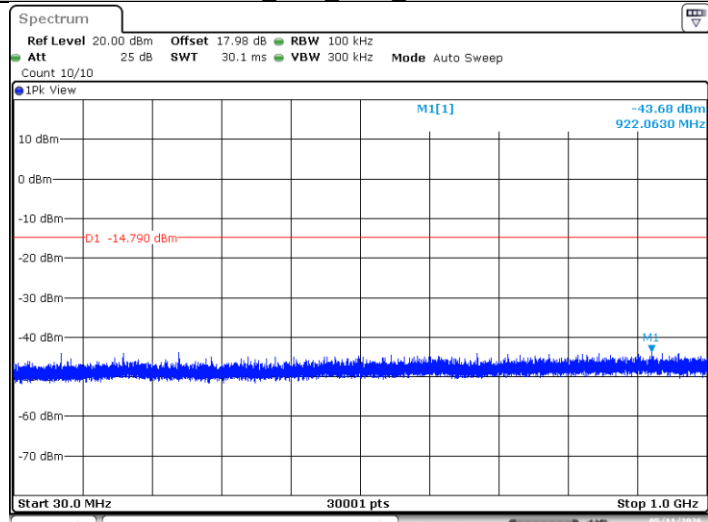
Test Graphs

11B_Ant1_2412_0~Reference



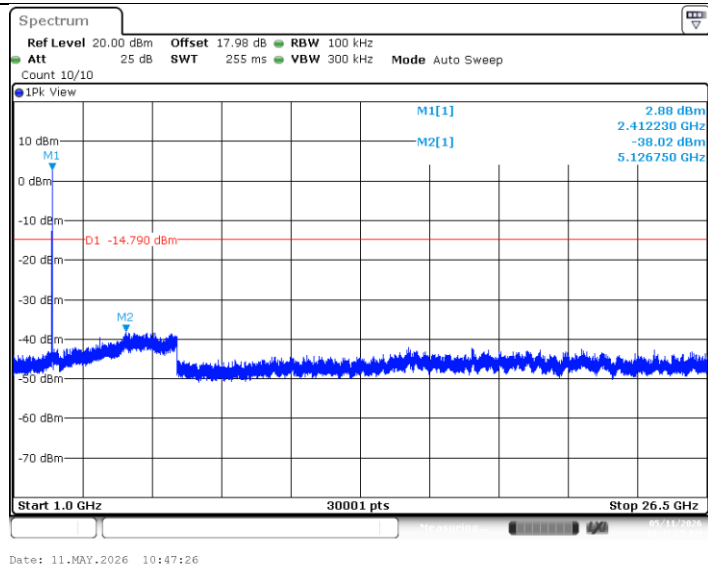
Date: 11.MAY.2026 10:46:34

11B_Ant1_2412_30~1000

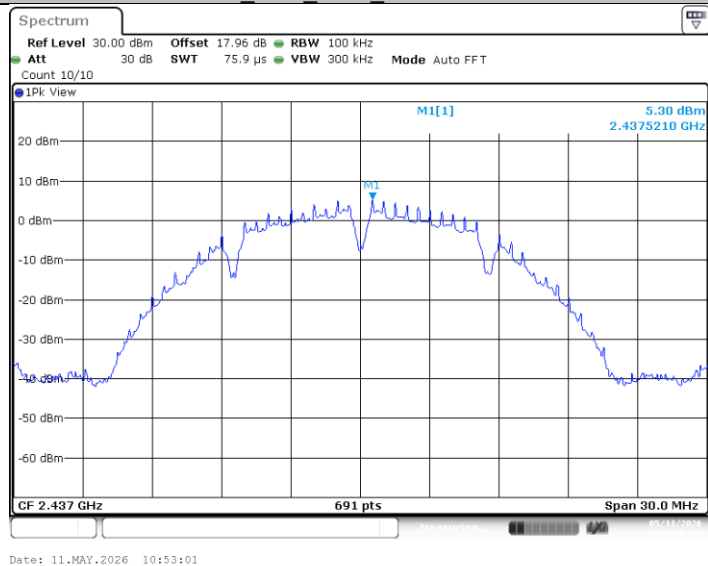


Date: 11.MAY.2026 10:46:47

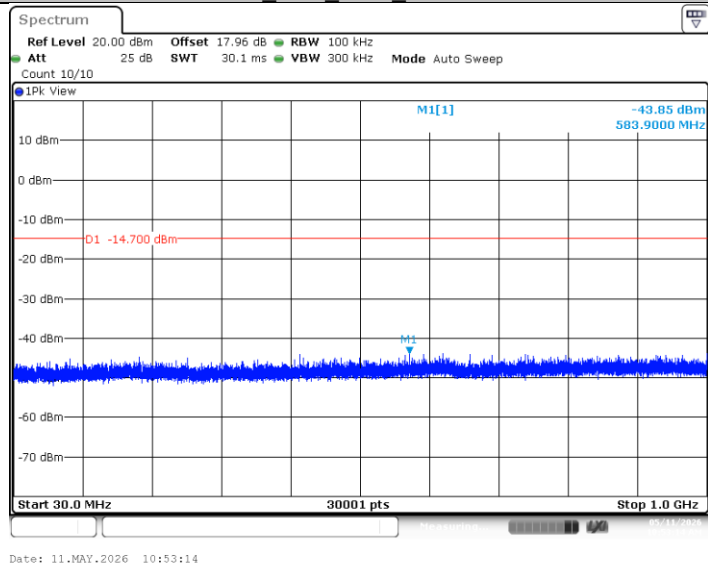
11B_Ant1_2412_1000~26500



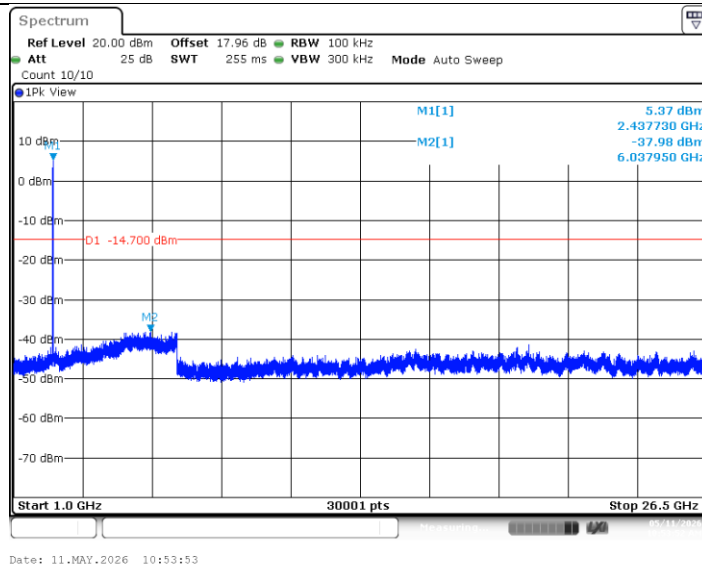
11B_Ant1_2437_0~Reference



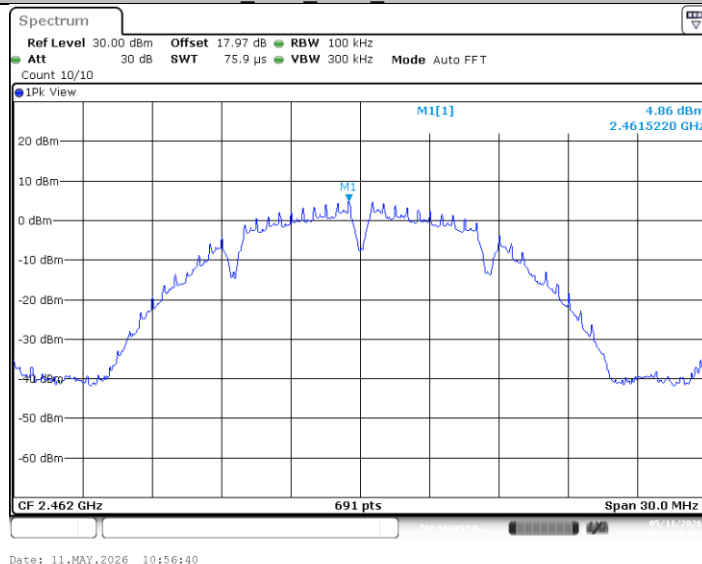
11B_Ant1_2437_30~1000



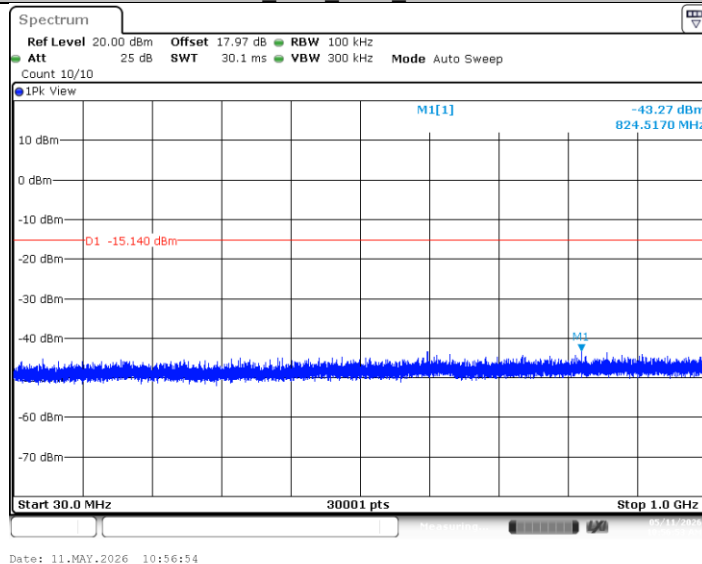
11B_Ant1_2437_1000~26500



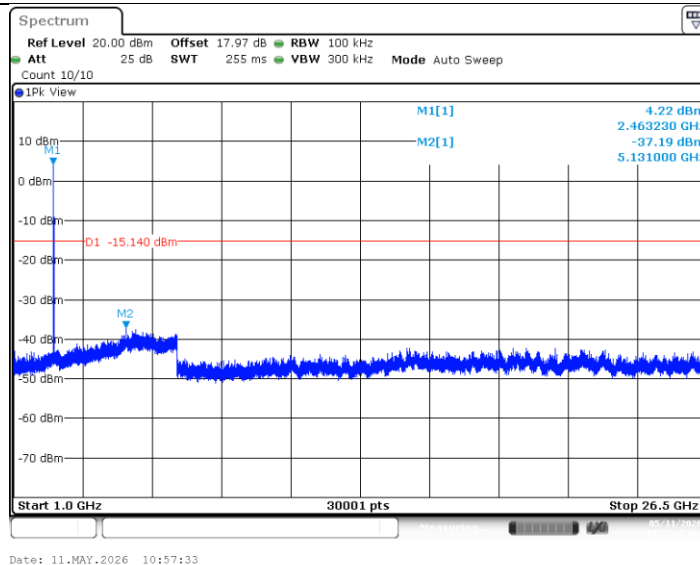
11B_Ant1_2462_0~Reference



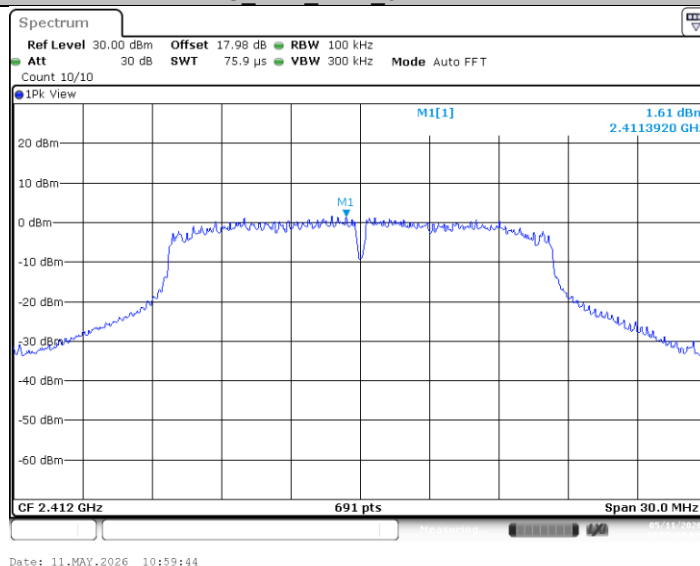
11B_Ant1_2462_30~1000



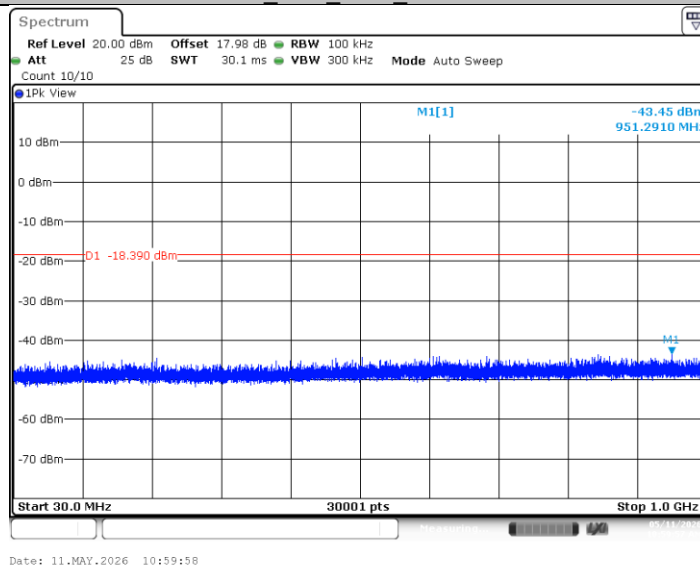
11B_Ant1_2462_1000~26500



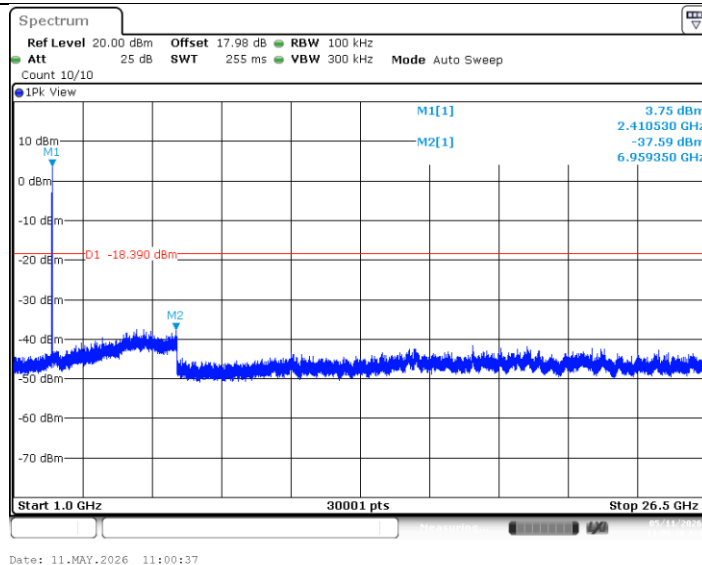
11G_Ant1_2412_0~Reference



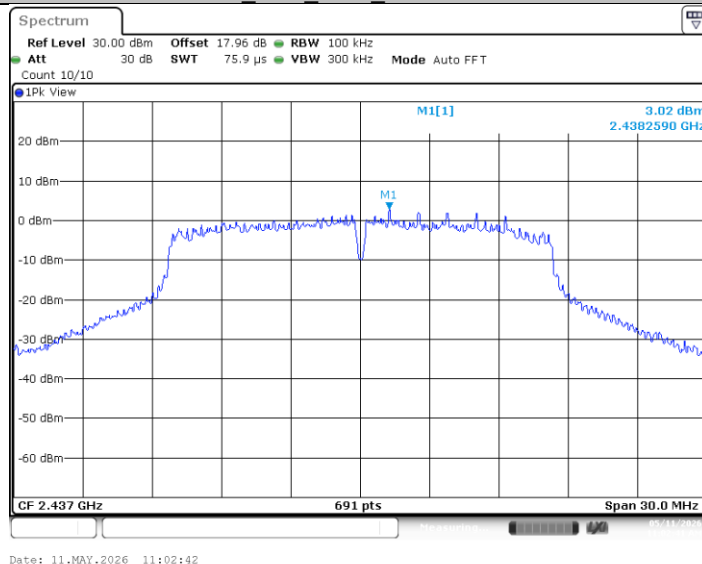
11G_Ant1_2412_30~1000



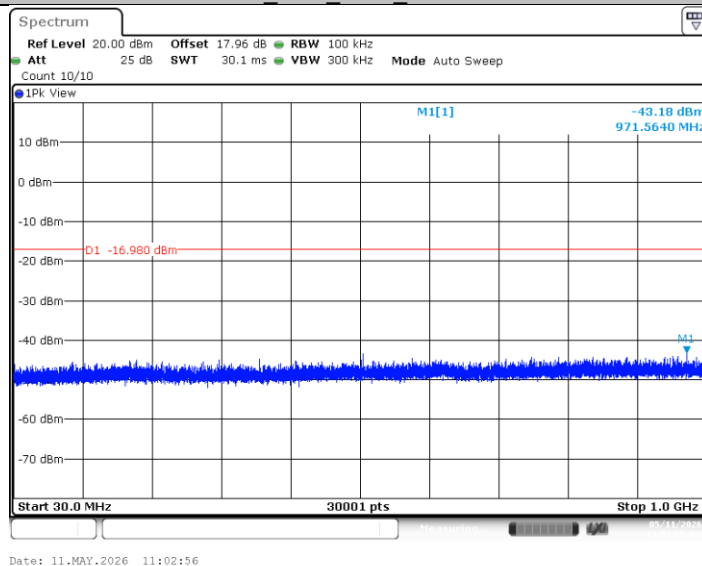
11G_Ant1_2412_1000~26500



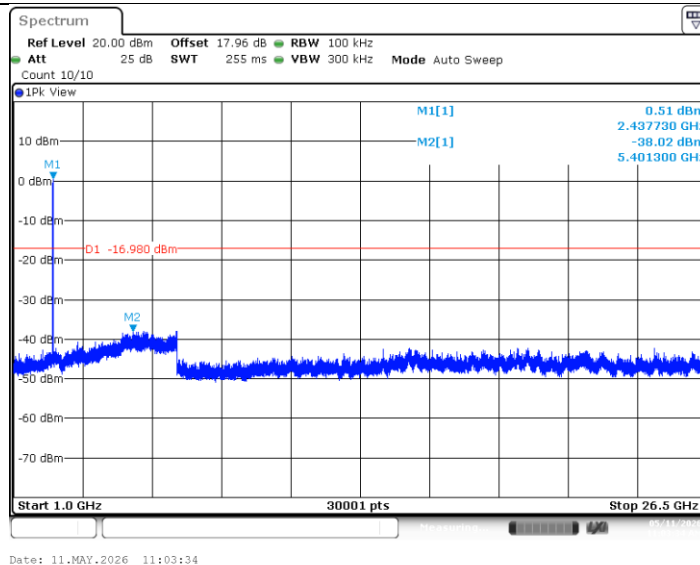
11G_Ant1_2437_0~Reference



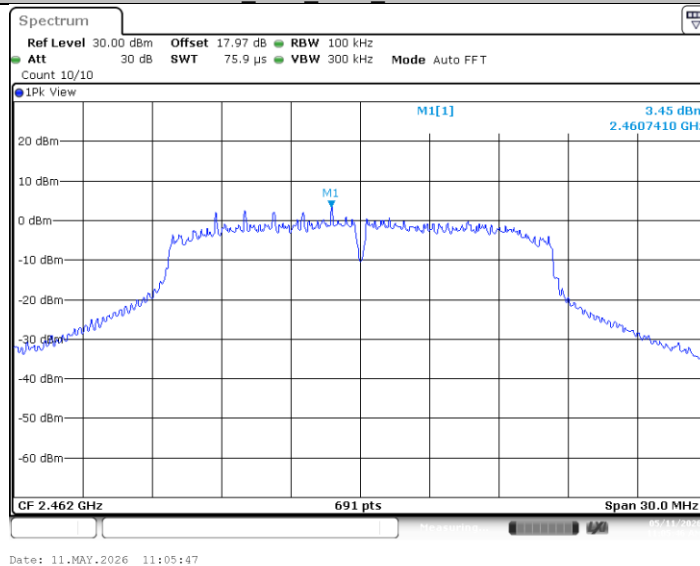
11G_Ant1_2437_30~1000



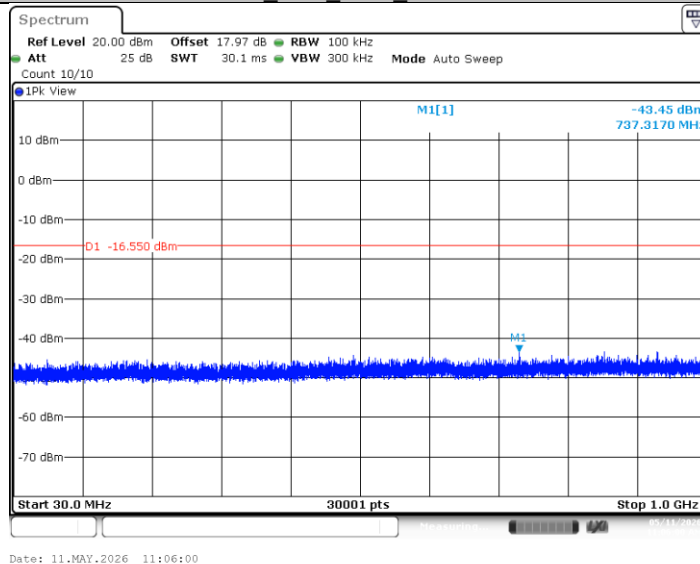
11G_Ant1_2437_1000~26500



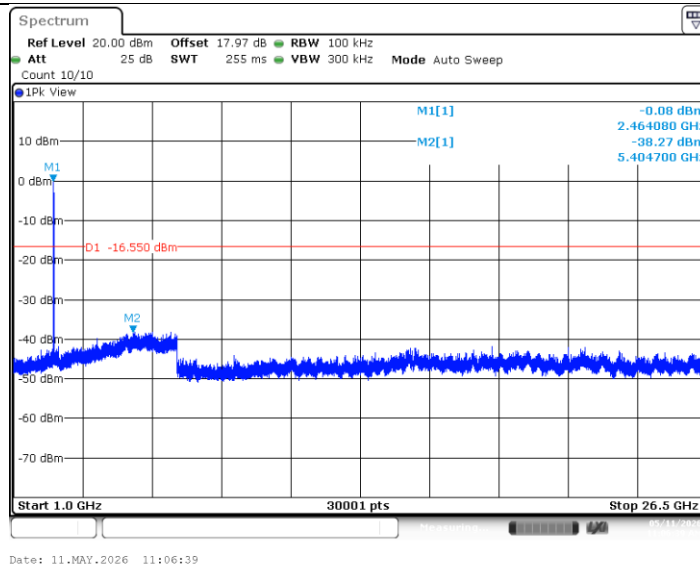
11G_Ant1_2462_0~Reference



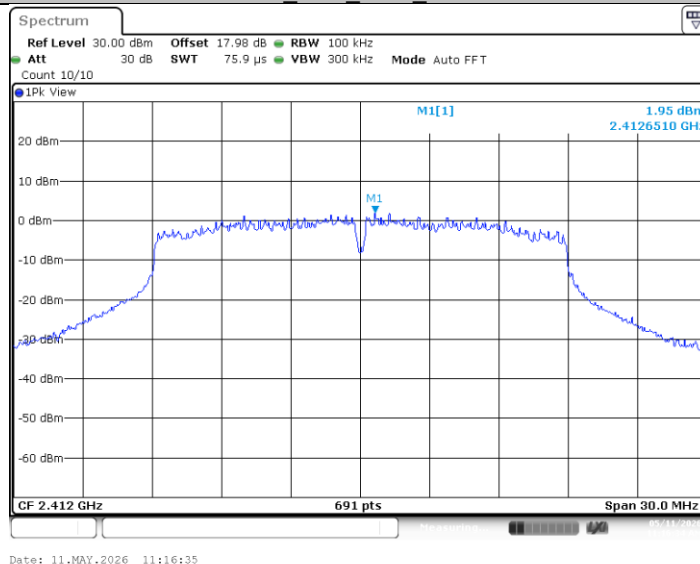
11G_Ant1_2462_30~1000



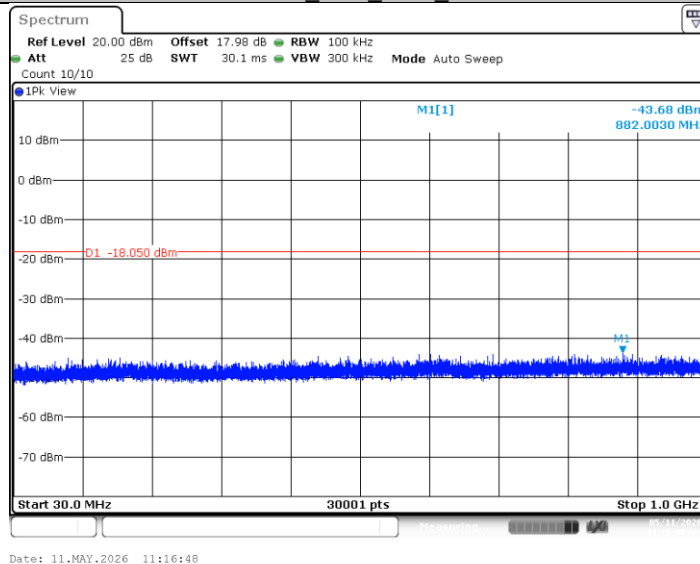
11G_Ant1_2462_1000~26500



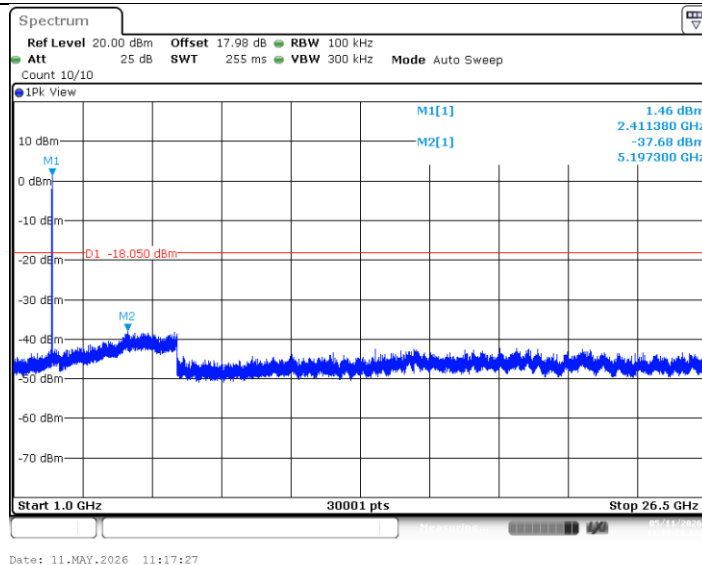
11N20SISO_Ant1_2412_0~Reference



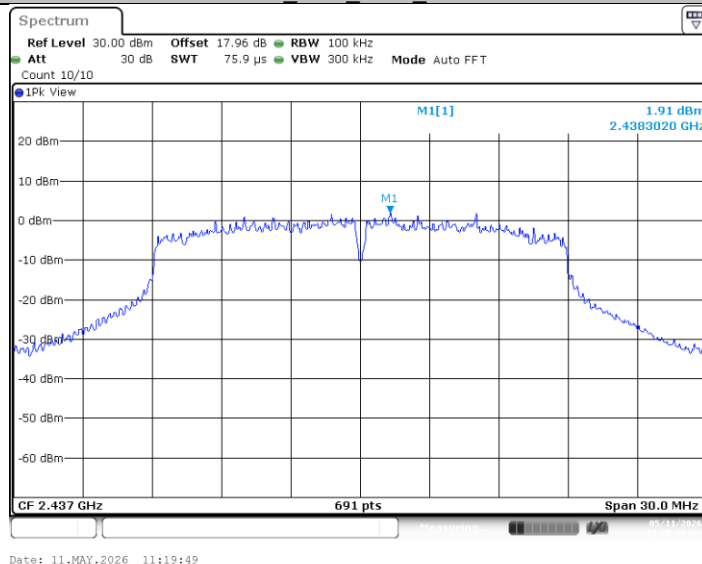
11N20SISO_Ant1_2412_30~1000



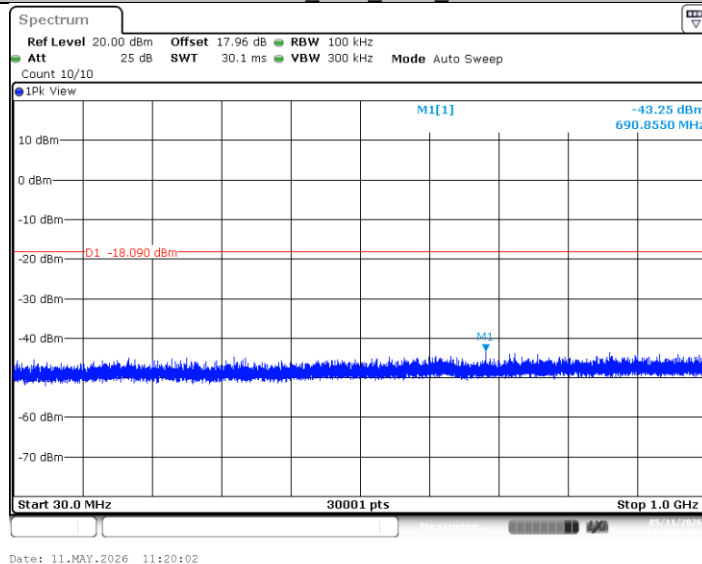
11N20SISO_Ant1_2412_1000~26500



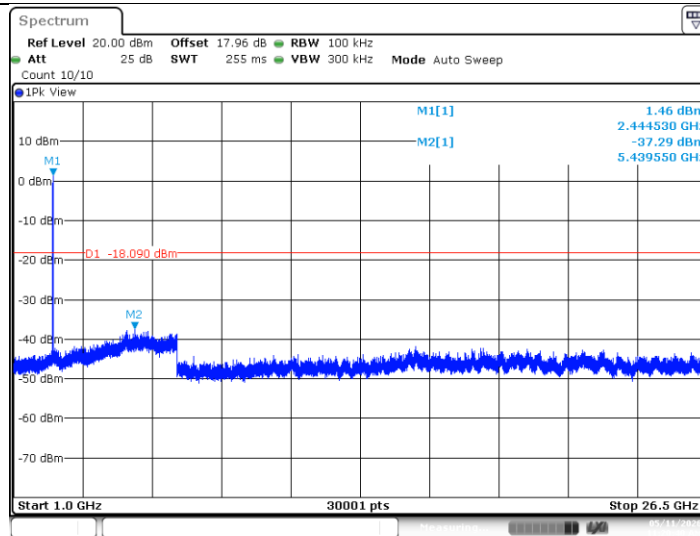
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

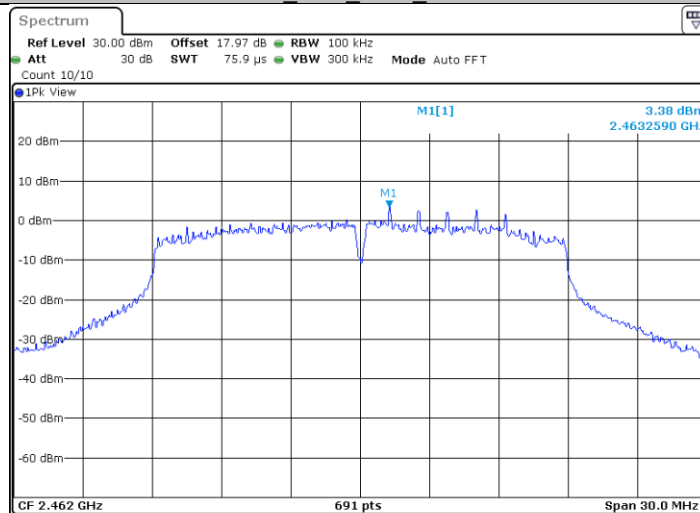


11N20SISO_Ant1_2437_1000~26500



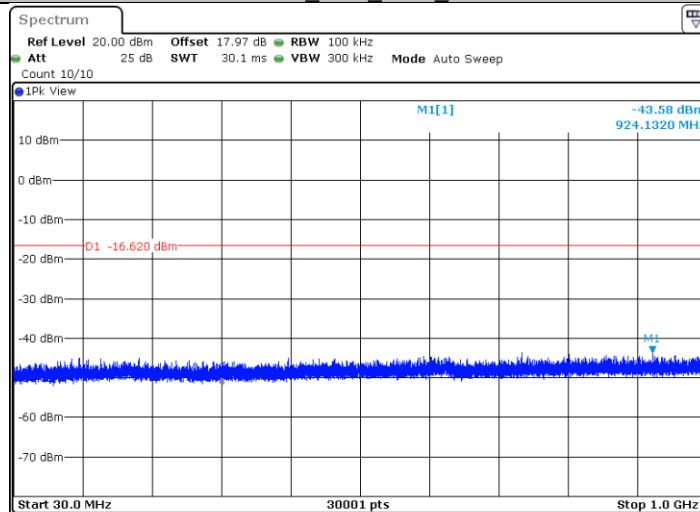
Date: 11.MAY.2026 11:20:41

11N20SISO_Ant1_2462_0~Reference



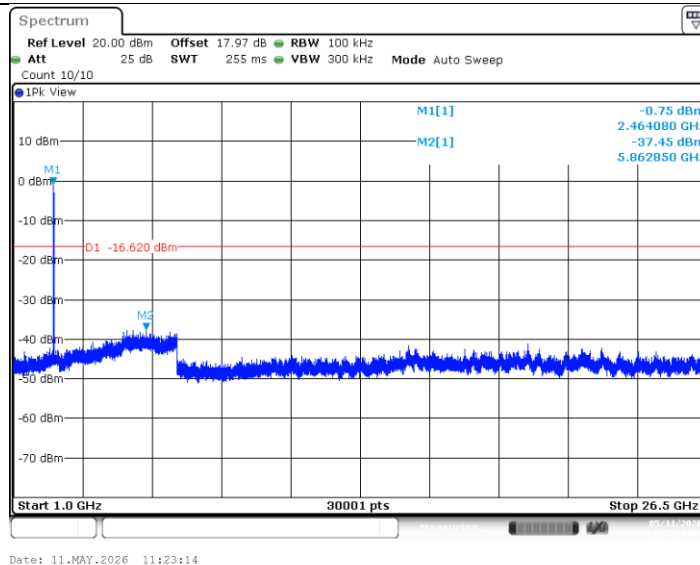
Date: 11.MAY.2026 11:22:22

11N20SISO_Ant1_2462_30~1000

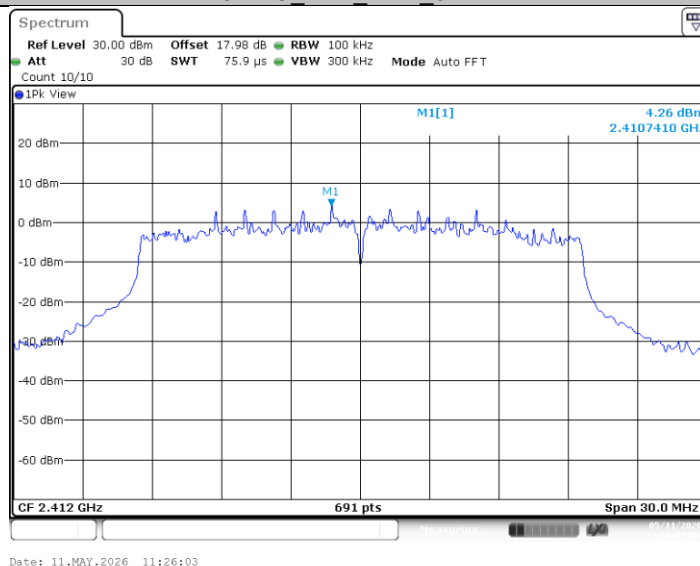


Date: 11.MAY.2026 11:22:36

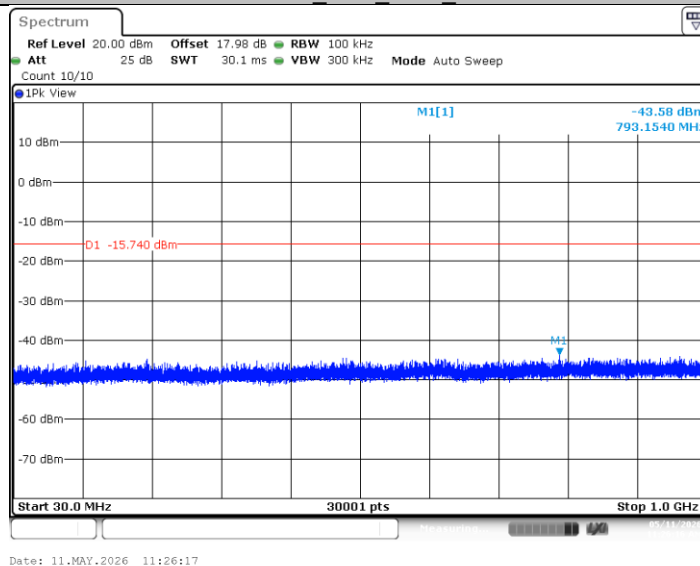
11N20SISO_Ant1_2462_1000~26500



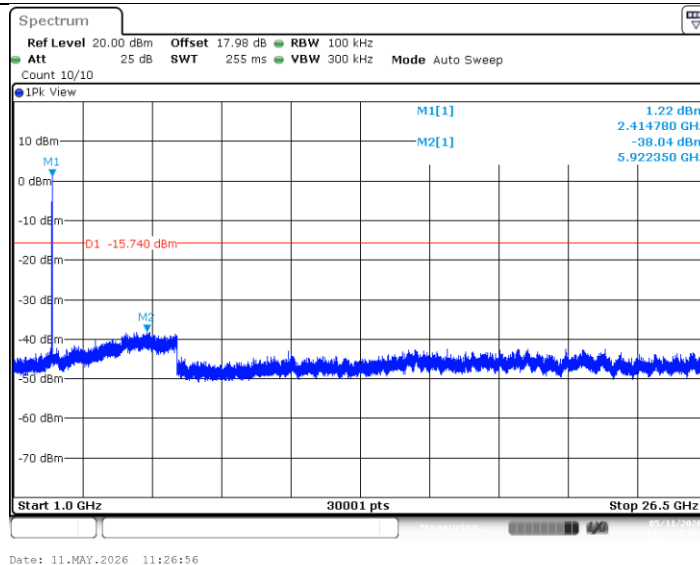
11AX20SISO_Ant1_2412_0~Reference



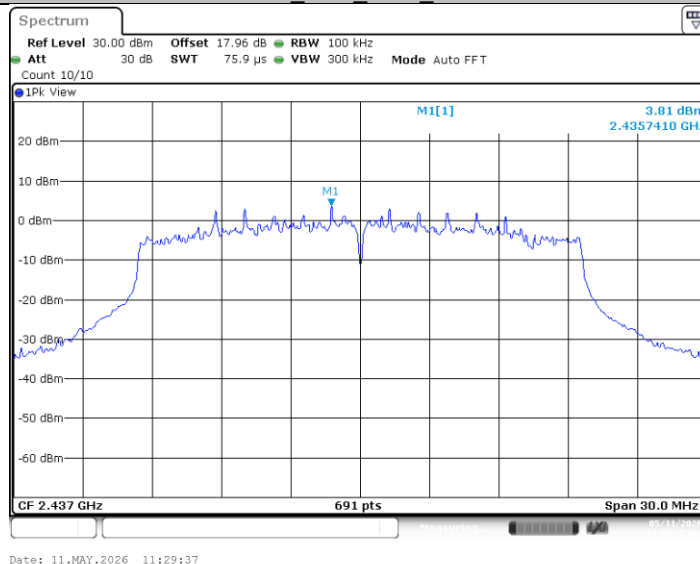
11AX20SISO_Ant1_2412_30~1000



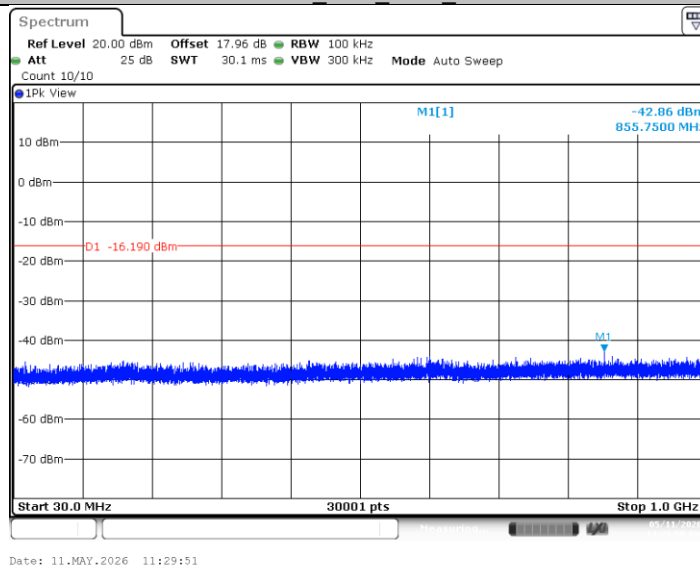
11AX20SISO_Ant1_2412_1000~26500



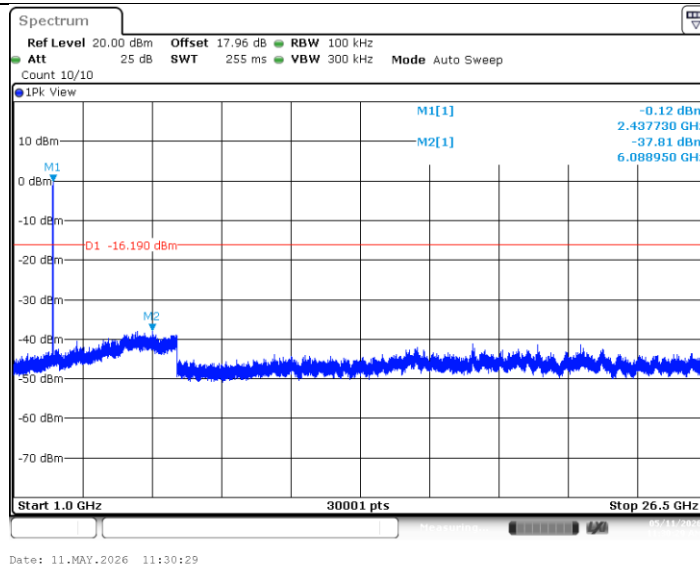
11AX20SISO_Ant1_2437_0~Reference



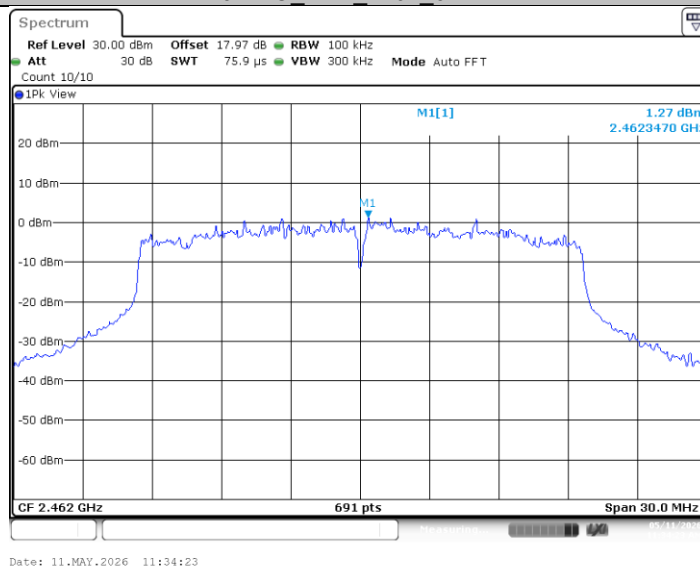
11AX20SISO_Ant1_2437_30~1000



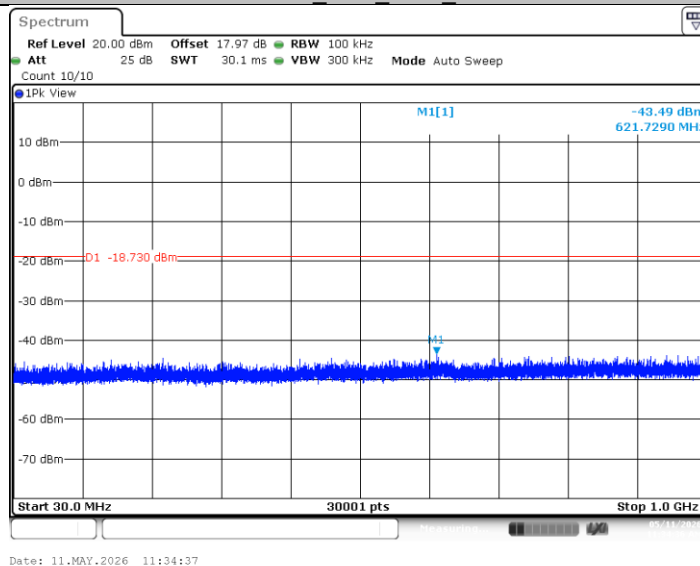
11AX20SISO_Ant1_2437_1000~26500



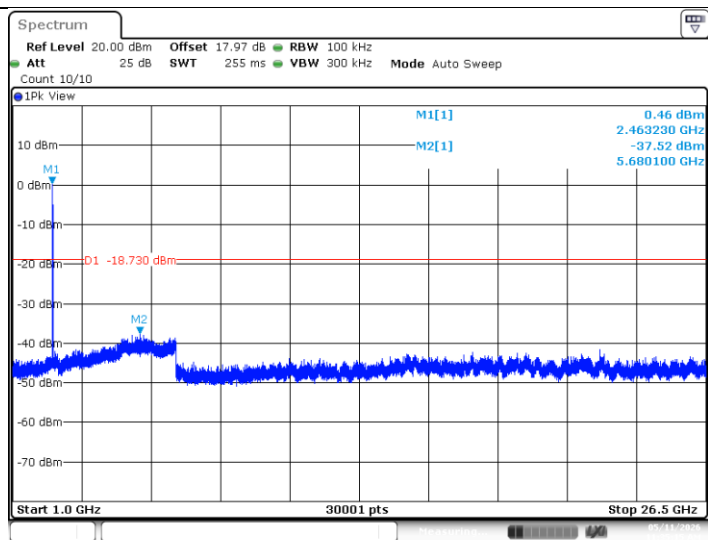
11AX20SISO_Ant1_2462_0~Reference



11AX20SISO_Ant1_2462_30~1000



11AX20SISO_Ant1_2462_1000~26500



Date: 11.MAY.2026 11:35:16

Appendix B.6: Test Results of Radiated Spurious Emissions

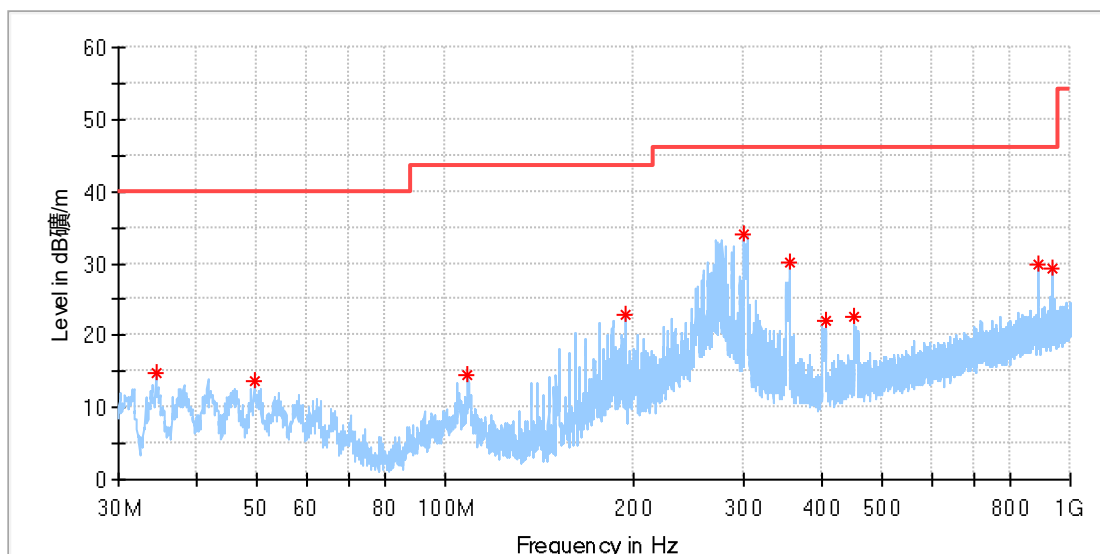
Note:

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

30MHz - 1GHz

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

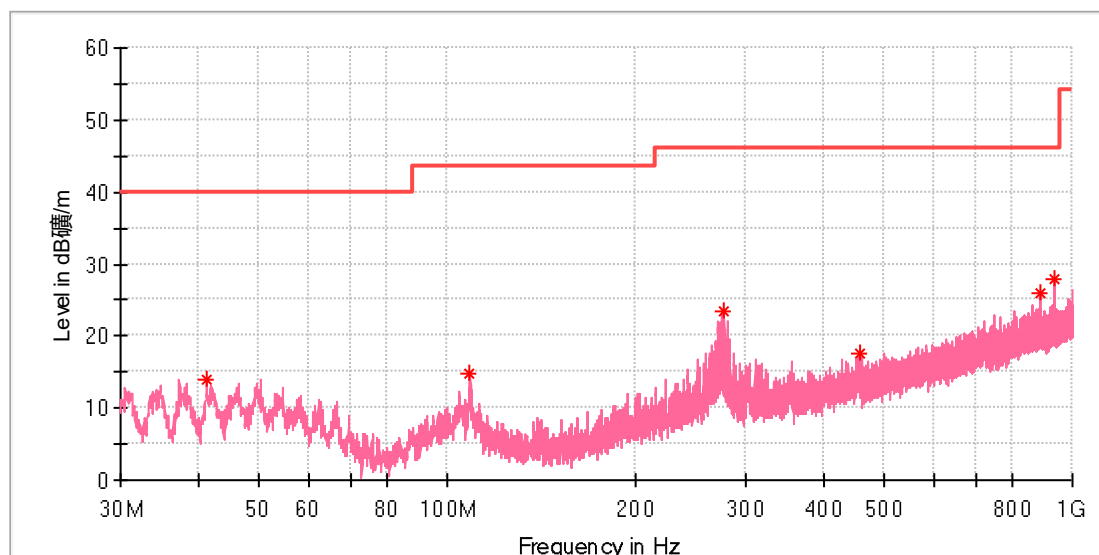
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.418889	14.69	40.00	25.31	100.0	H	165.0	-22.2
49.453889	13.77	40.00	26.23	100.0	H	316.0	-18.4
108.785556	14.51	43.50	28.99	100.0	H	104.0	-19.1
194.037778	22.96	43.50	20.54	100.0	H	47.0	-19.4
301.168889	34.01	46.00	11.99	100.0	H	356.0	-16.2
355.435000	30.13	46.00	15.87	100.0	H	0.0	-14.7
405.767222	22.18	46.00	23.82	100.0	H	165.0	-13.6
451.033889	22.72	46.00	23.28	100.0	H	233.0	-12.7
890.982778	29.91	46.00	16.09	100.0	H	173.0	-4.9
938.405000	29.22	46.00	16.78	100.0	H	22.0	-4.4

Final Result

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

EUT Name: Robot Vacuum and Mop
Model: YJCC041
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: A004226155-001
Test Voltage: Battery
Remark: Temp 23.5°C Humi:54%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

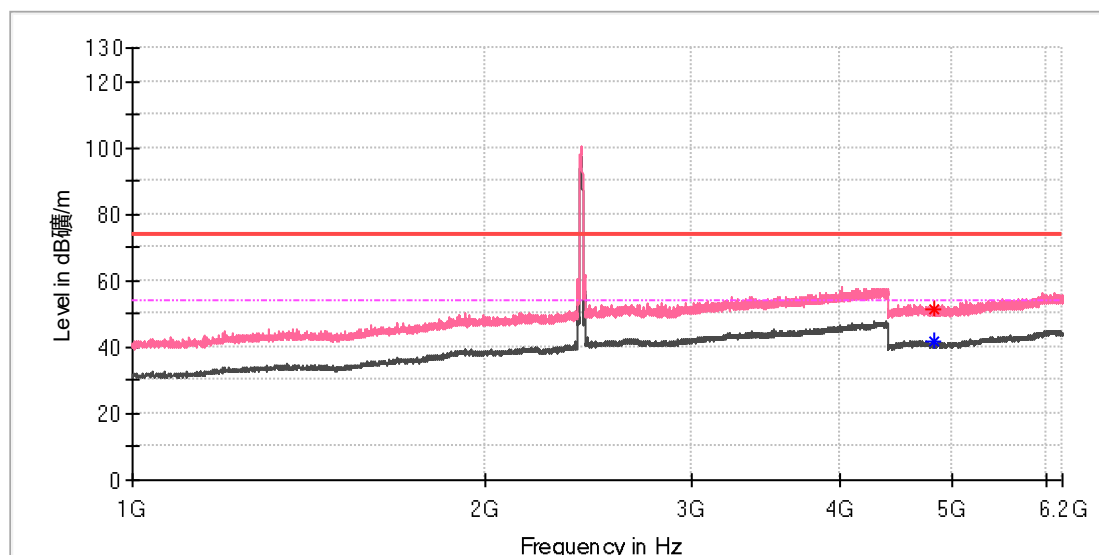
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.155000	13.91	40.00	26.09	100.0	V	297.0	-19.9
108.785556	14.74	43.50	28.76	100.0	V	112.0	-19.1
277.673333	23.57	46.00	22.43	100.0	V	237.0	-16.8
455.830000	17.68	46.00	28.32	100.0	V	159.0	-12.6
890.982778	25.91	46.00	20.09	100.0	V	112.0	-4.9
936.950000	28.03	46.00	17.97	100.0	V	121.0	-4.4

Final_Result

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

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

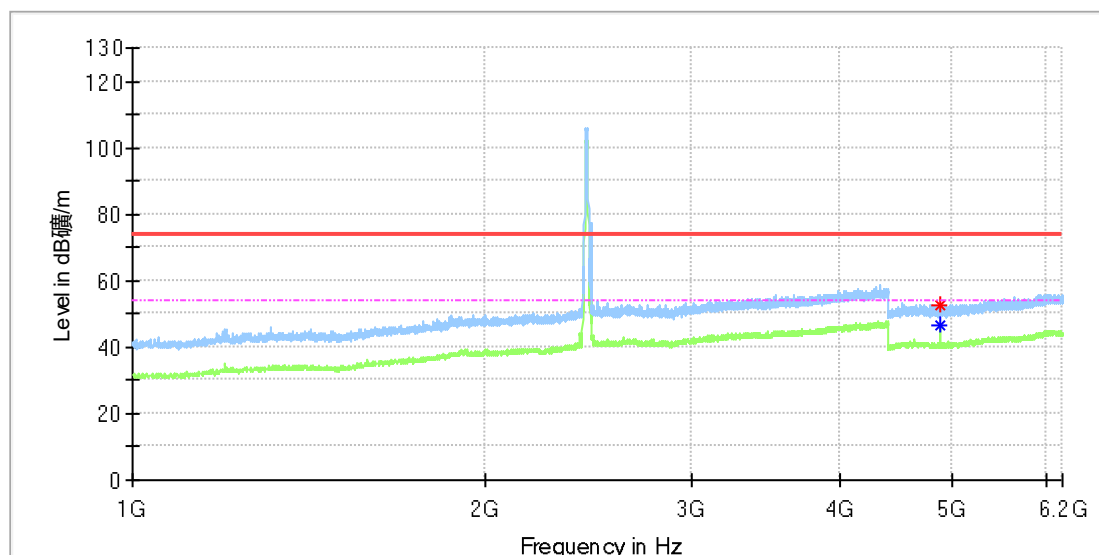
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.500000	51.47	---	74.00	22.53	150.0	V	280.0	13.3
4824.000000	---	41.95	54.00	12.05	150.0	V	275.0	13.3

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

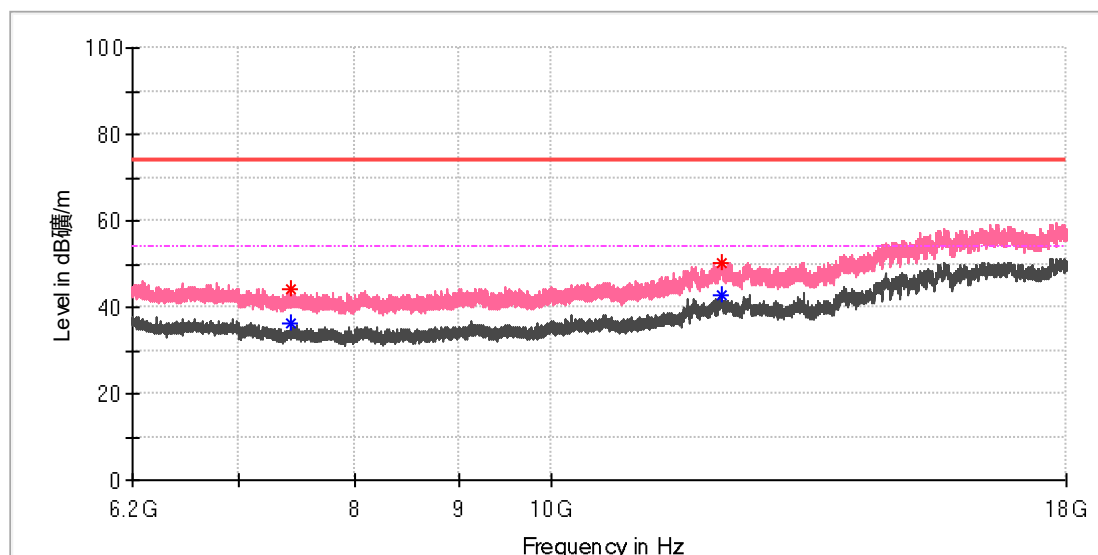
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	52.76	---	74.00	21.24	150.0	H	140.0	13.3
4874.000000	---	46.41	54.00	7.59	150.0	H	140.0	13.3

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

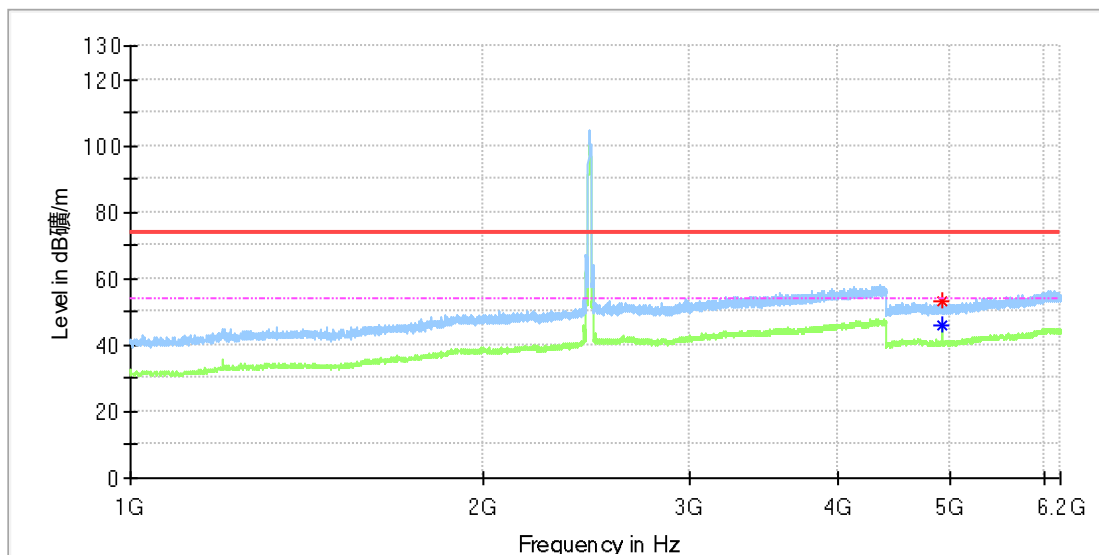
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7424.250000	44.12	---	74.00	29.88	150.0	V	207.0	8.4
7428.183333	---	36.35	54.00	17.65	150.0	V	337.0	8.4
12142.775000	---	42.64	54.00	11.36	150.0	V	315.0	16.5
12149.166667	50.42	---	74.00	23.58	150.0	V	163.0	16.7

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

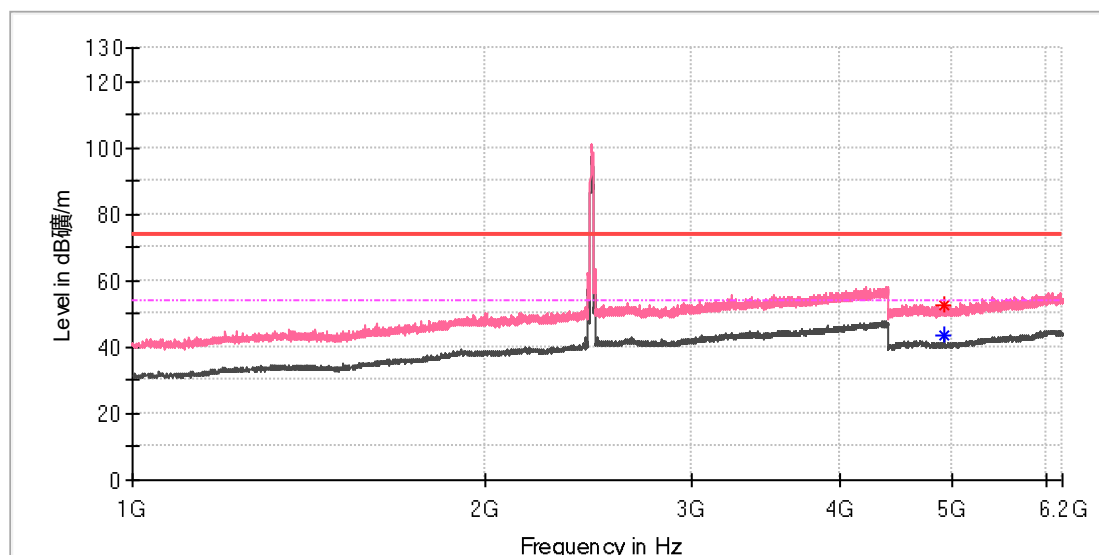
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	53.17	---	74.00	20.83	150.0	H	335.0	13.3
4924.000000	---	45.97	54.00	8.03	150.0	H	335.0	13.3

Final Result

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

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

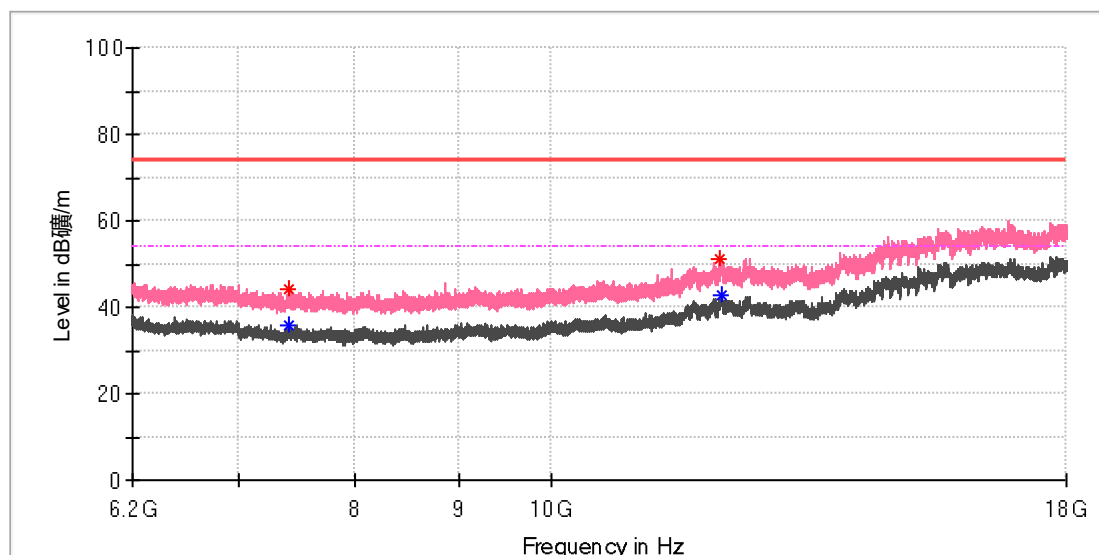
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	52.65	---	74.00	21.35	150.0	V	187.0	13.3
4924.000000	---	43.43	54.00	10.57	150.0	V	187.0	13.3

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

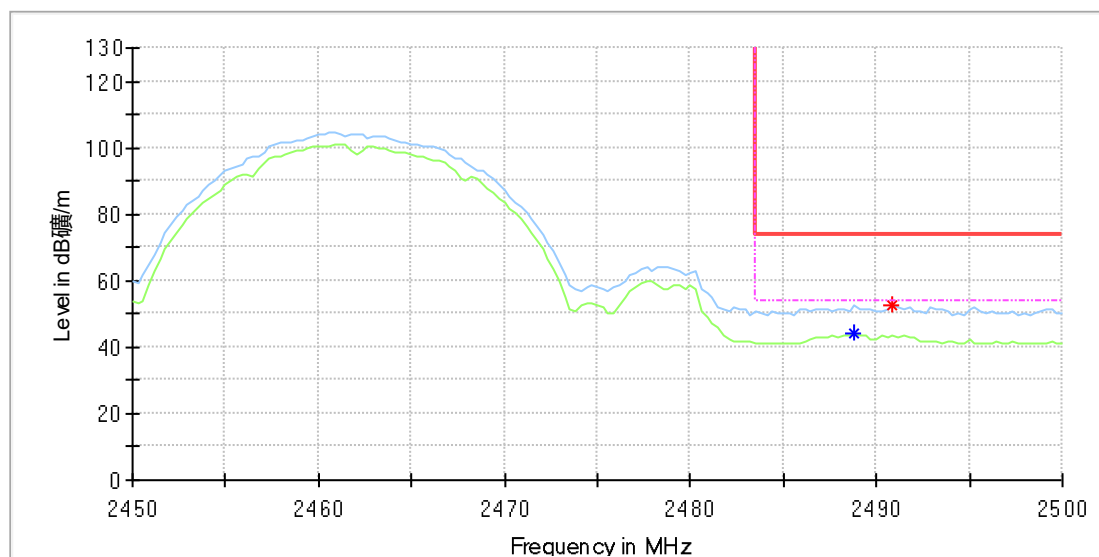
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7403.600000	44.18	---	74.00	29.82	150.0	V	97.0	8.3
7413.433333	---	35.62	54.00	18.38	150.0	V	87.0	8.3
12126.058333	51.08	---	74.00	22.92	150.0	V	205.0	16.1
12157.525000	---	42.68	54.00	11.32	150.0	V	172.0	16.3

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
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)
2488.823529	---	44.26	54.00	9.74	150.0	H	355.0	9.0
2490.882353	52.69	---	74.00	21.31	150.0	H	43.0	9.0

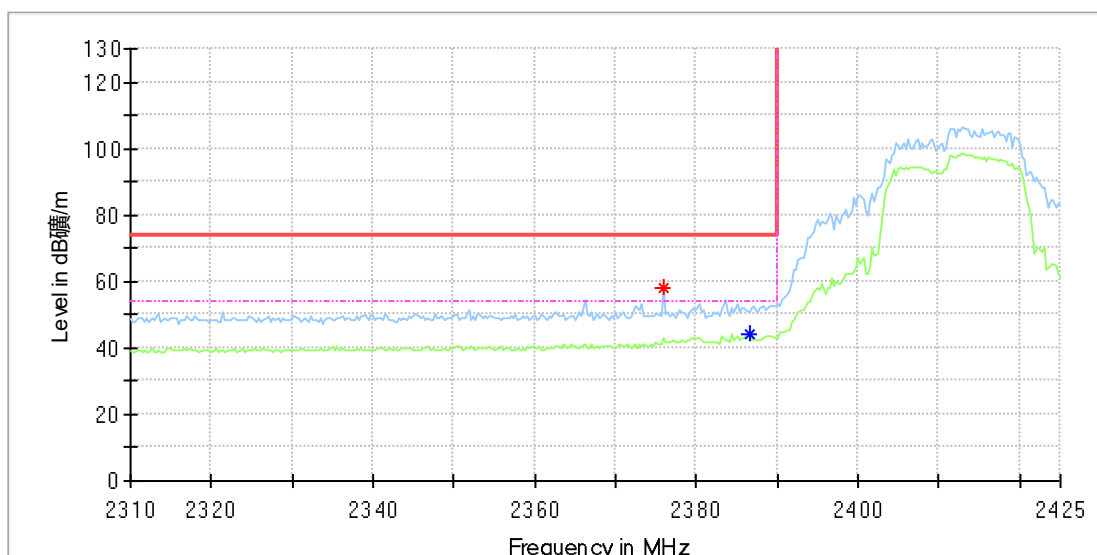
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

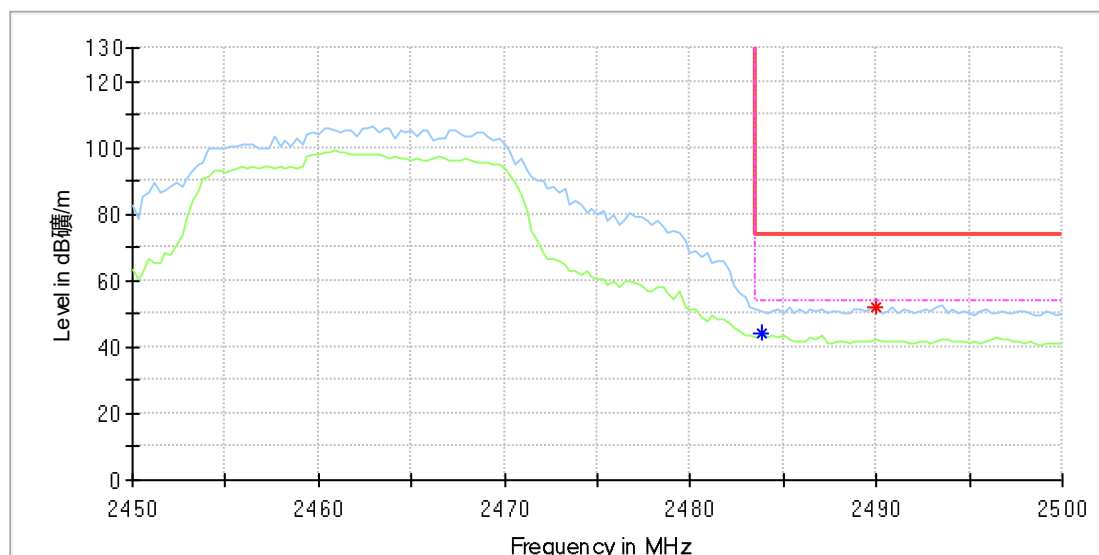
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2375.882353	58.01	---	74.00	15.99	150.0	H	13.0	8.5
2386.470588	---	44.13	54.00	9.87	150.0	H	1.0	8.5

Final Result

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

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

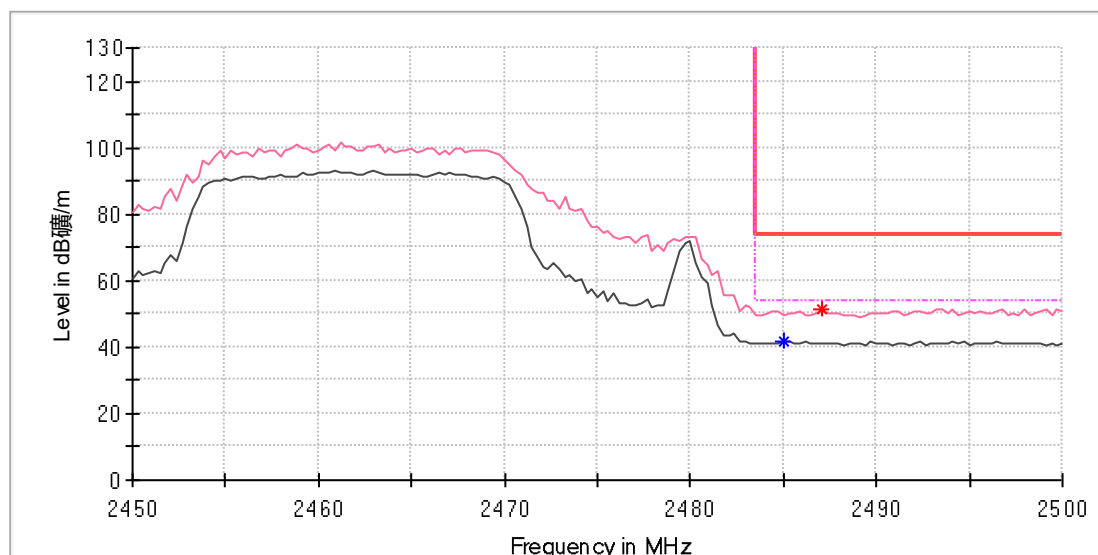
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	44.25	54.00	9.75	150.0	H	0.0	9.0
2490.000000	52.21	---	74.00	21.79	150.0	H	0.0	9.0

Final Result

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

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
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	---	41.53	54.00	12.47	150.0	V	166.0	9.0
2487.058824	51.57	---	74.00	22.43	150.0	V	198.0	9.0

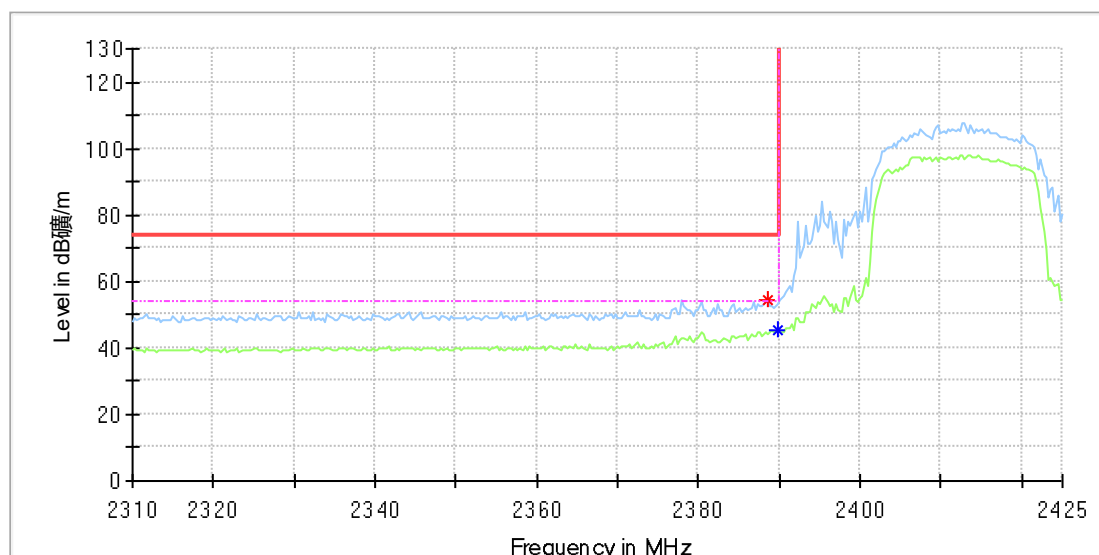
Final Result

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

Wi-Fi 802.11 ax(HE20) mode

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

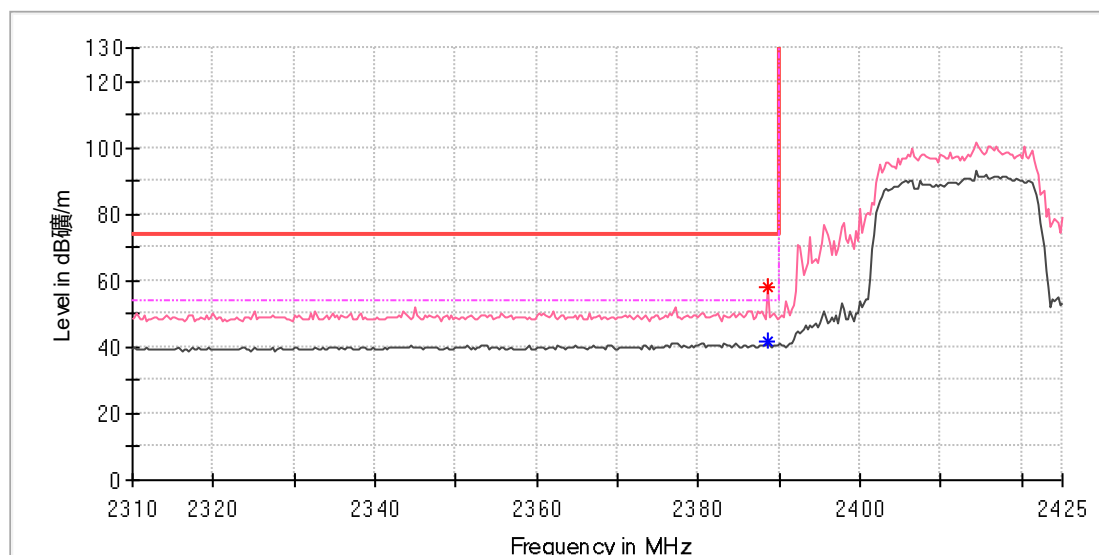
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	54.50	---	74.00	19.50	150.0	H	3.0	8.5
2389.705882	---	45.15	54.00	8.85	150.0	H	3.0	8.5

Final Result

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

EUT Information

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

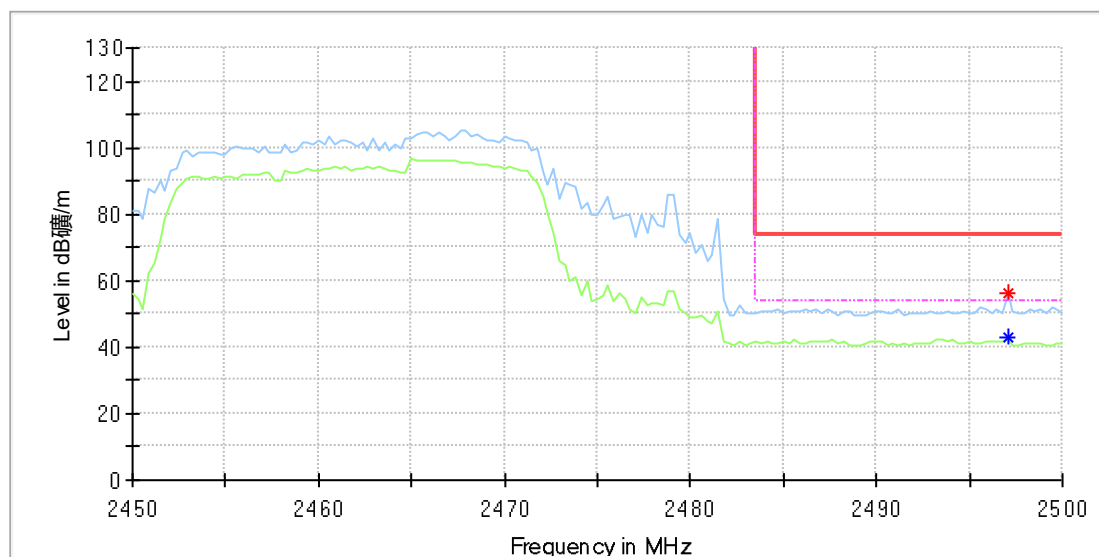
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	---	41.70	54.00	12.30	150.0	V	340.0	8.5
2388.529412	57.78	---	74.00	16.22	150.0	V	340.0	8.5

Final Result

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

EUT Name:	Robot Vacuum and Mop
Model:	YJCC041
Test Mode:	WIFI 2.4G_11ax20_Ch11
Order No/Sample No:	A004226155-001
Test Voltage:	Battery
Remark:	Temp 23.5°C Humi:54%
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)
2497.058824	---	42.69	54.00	11.31	150.0	H	18.0	9.0
2497.058824	55.97	---	74.00	18.03	150.0	H	18.0	9.0

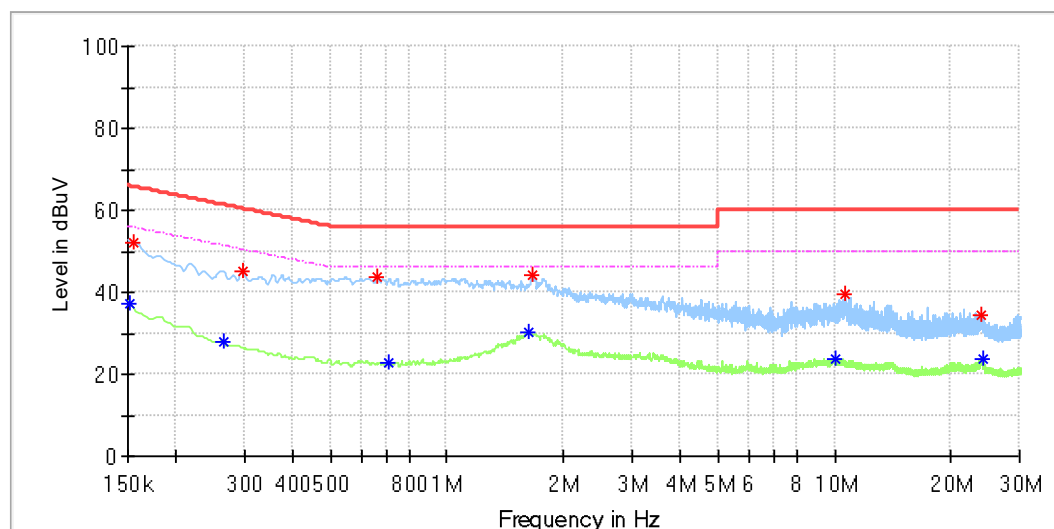
Final Result

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

Appendix B.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Robot Vacuum and Mop
 Order Number: P02344446
 Model: YJCC041
 Test Mode: Charging + Bluetooth+ Wi-Fi
 Test Voltage: AC 120V/60Hz
 Standard: FCC PART 15
 Test By:/Review By: Charron Chen / Charlie Zha
 Tem./Hum./Pressure: 24.2°C/51.0%/101kPa
 Remark: SR 3

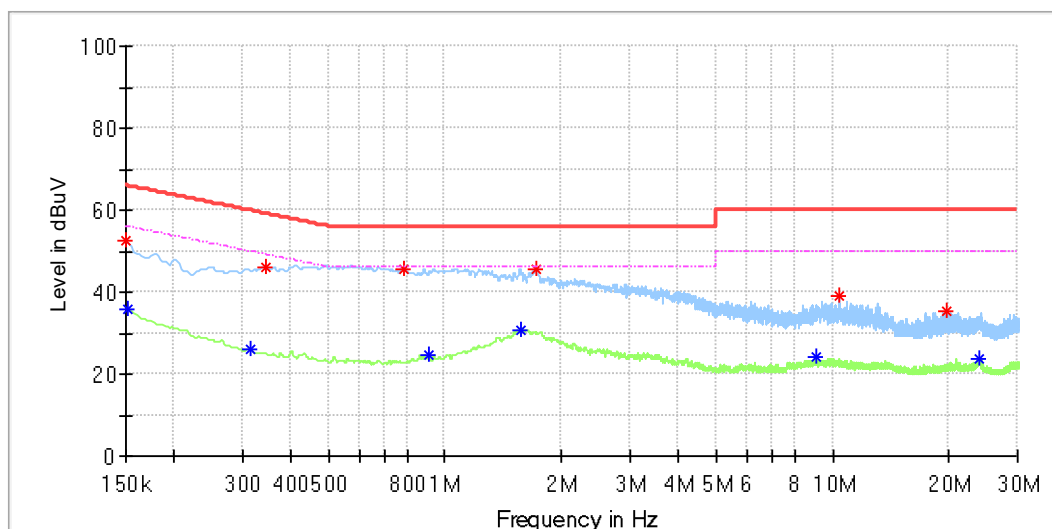


Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.152	---	37.2	55.86	18.65	L1	9.5
0.155	52.3	---	65.73	13.44	L1	9.6
0.264	---	28.1	51.29	23.18	L1	9.7
0.297	44.9	---	60.33	15.41	L1	9.6
0.657	43.7	---	56.00	12.29	L1	9.7
0.705	---	22.9	46.00	23.07	L1	9.8
1.625	---	30.2	46.00	15.78	L1	9.6
1.667	44.4	---	56.00	11.59	L1	9.6
10.080	---	23.6	50.00	26.36	L1	10.0
10.680	39.4	---	60.00	20.65	L1	9.9
24.013	34.5	---	60.00	25.47	L1	9.8
24.040	---	23.7	50.00	26.31	L1	9.8

EUT Information

EUT Name: Robot Vacuum and Mop
 Order Number: P02344446
 Model: YJCC041
 Test Mode: Charging + Bluetooth+ Wi-Fi
 Test Voltage: AC 120V/60Hz
 Standard: FCC PART 15
 Test By:/Review By: Charron Chen / Charlie Zha
 Tem./Hum./Pressure: 24.2°C/51.0%/101kPa
 Remark: SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.150	52.4	---	66.00	13.57	N	9.7
0.152	---	35.9	55.86	20.00	N	9.7
0.314	---	26.0	49.86	23.86	N	9.9
0.344	46.1	---	59.11	12.96	N	9.9
0.782	45.6	---	56.00	10.37	N	9.8
0.906	---	24.6	46.00	21.41	N	9.8
1.563	---	30.8	46.00	15.24	N	9.9
1.722	45.8	---	56.00	10.21	N	9.9
9.030	---	24.3	50.00	25.67	N	9.7
10.374	39.2	---	60.00	20.80	N	9.7
19.727	35.4	---	60.00	24.57	N	9.7
23.903	---	23.8	50.00	26.22	N	9.9