

Appendix B: Test Results of 2.4GHz Wi-Fi

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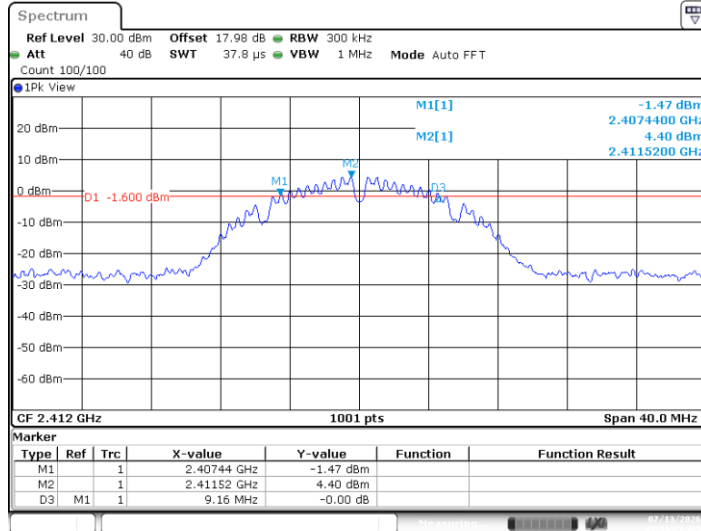
Appendix B.1: Test Results of 6dB Bandwidth

Test Result

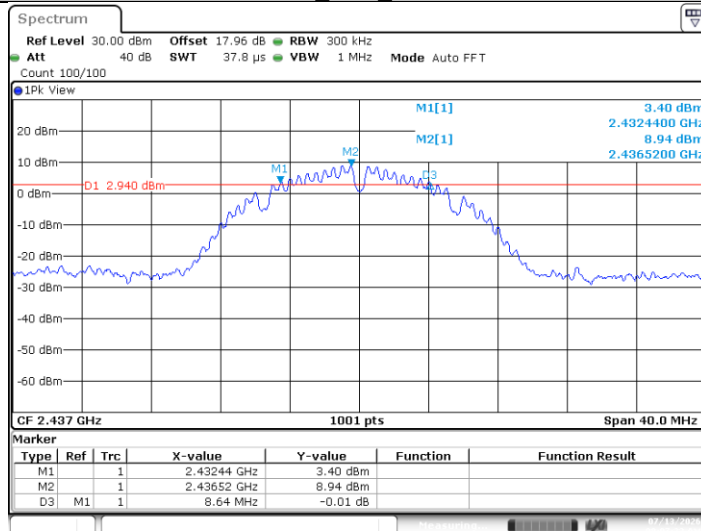
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.16	2407.44	2416.60	0.5	PASS
		2437	8.64	2432.44	2441.08	0.5	PASS
		2462	9.16	2457.44	2466.60	0.5	PASS
11G	Ant1	2412	15.96	2404.00	2419.96	0.5	PASS
		2437	15.52	2429.04	2444.56	0.5	PASS
		2462	15.72	2454.00	2469.72	0.5	PASS
11N20SISO	Ant1	2412	17.12	2403.44	2420.56	0.5	PASS
		2437	17.12	2428.32	2445.44	0.5	PASS
		2462	16.96	2453.48	2470.44	0.5	PASS

Test Graphs

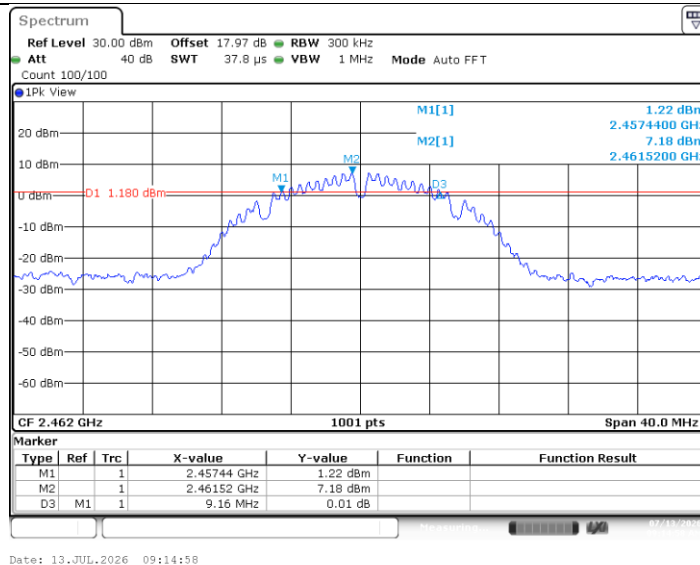
11B_Ant1_2412



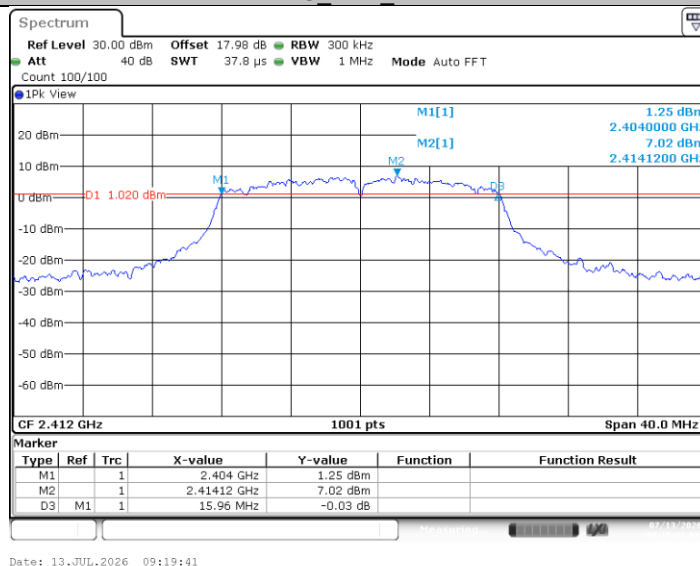
11B_Ant1_2437



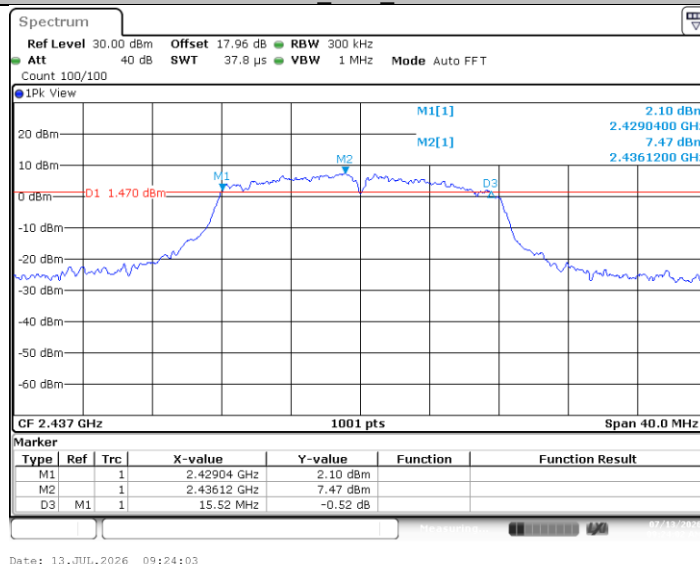
11B_Ant1_2462



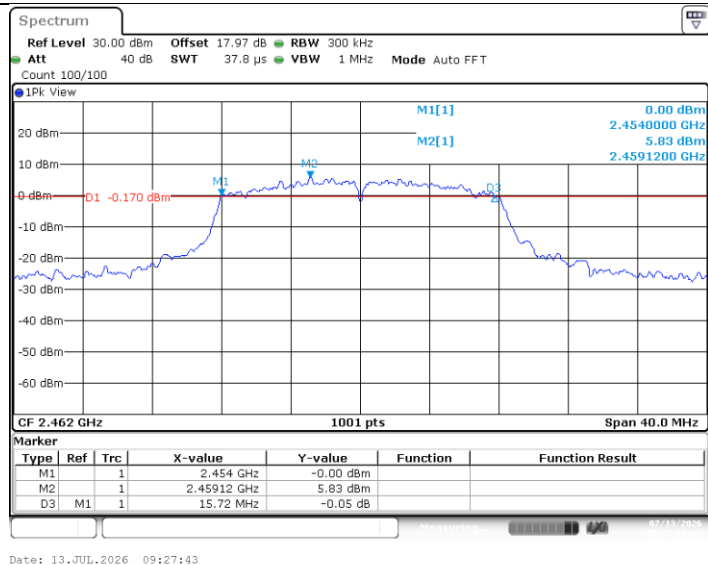
11G_Ant1_2412



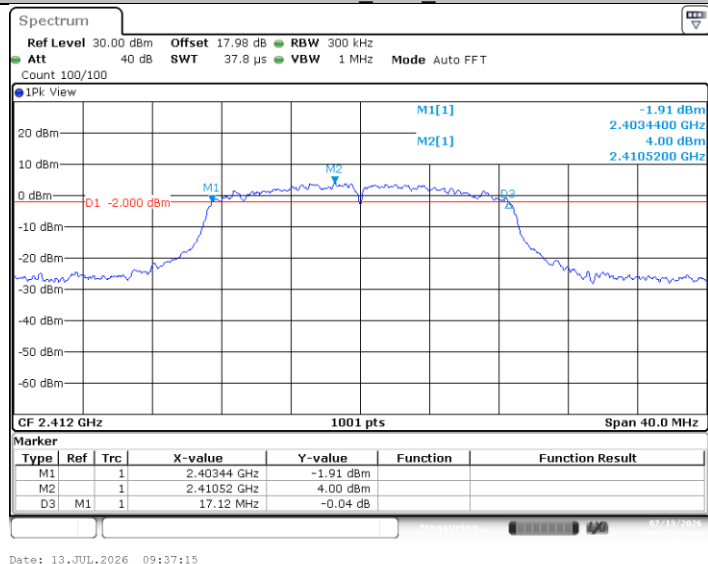
11G_Ant1_2437



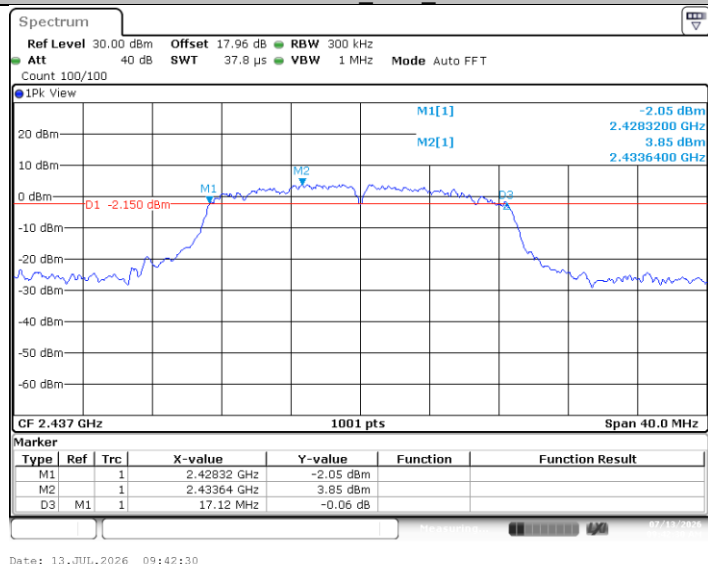
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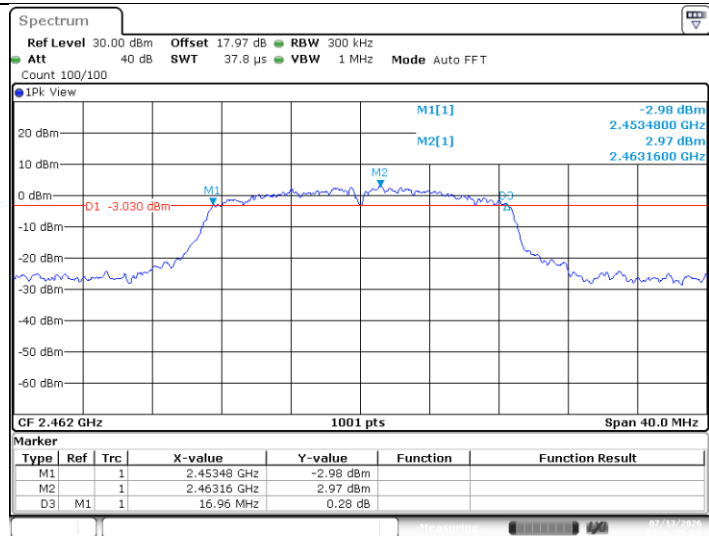
11N20SISO Ant1_2412



11N20SISO Ant1_2437



11N20SISO Ant1_2462



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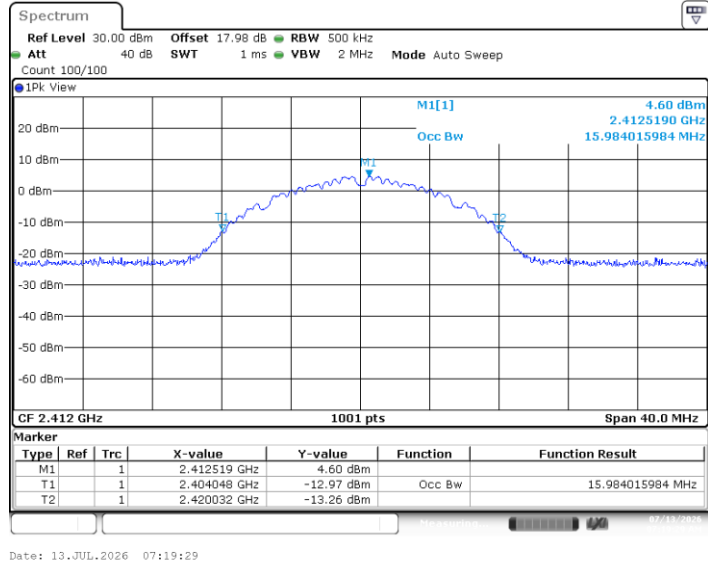
Appendix B.2: Test Results of 99% Bandwidth

Test Result

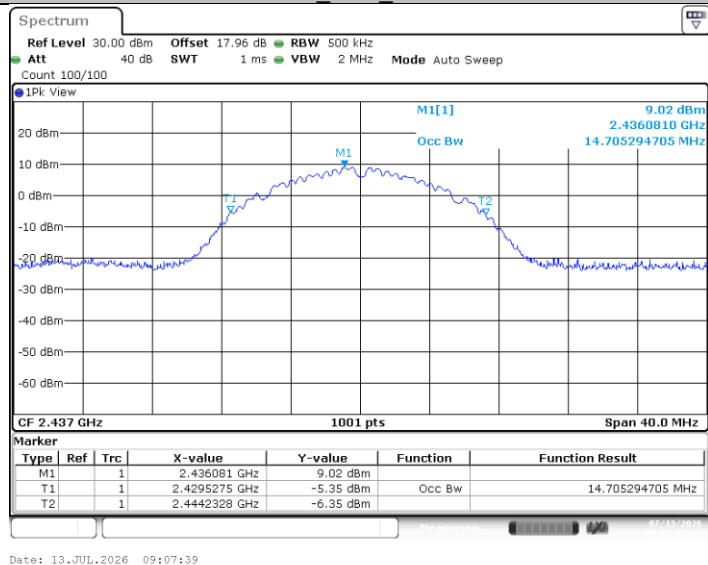
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.984	2404.0480	2420.0320	---	PASS
		2437	14.705	2429.5275	2444.2328	---	PASS
		2462	15.145	2454.4476	2469.5924	---	PASS
11G	Ant1	2412	17.223	2403.4486	2420.6713	---	PASS
		2437	17.103	2428.3287	2445.4316	---	PASS
		2462	17.263	2453.4086	2470.6713	---	PASS
11N20SISO	Ant1	2412	18.262	2402.8891	2421.1508	---	PASS
		2437	18.182	2427.7692	2445.9510	---	PASS
		2462	18.422	2452.8092	2471.2308	---	PASS

Test Graphs

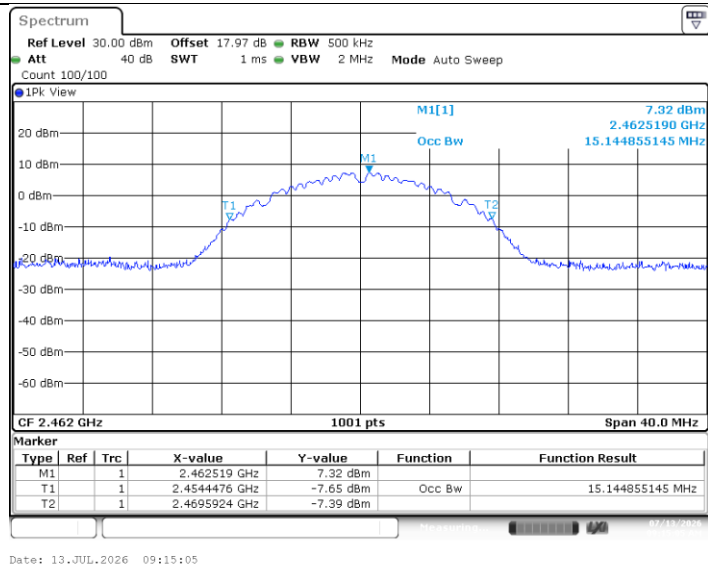
11B_Ant1_2412



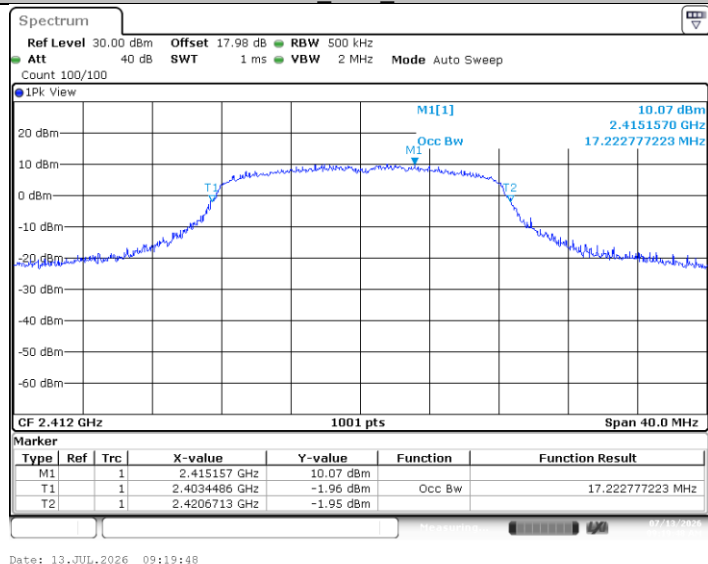
11B_Ant1_2437



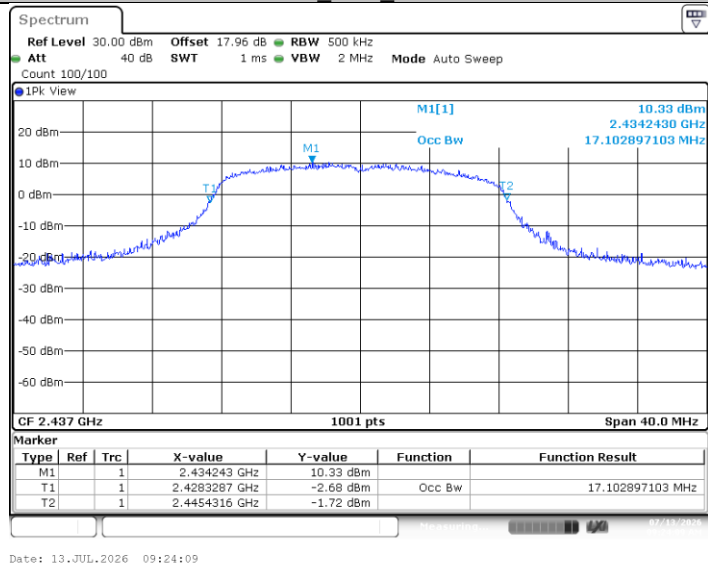
11B_Ant1_2462



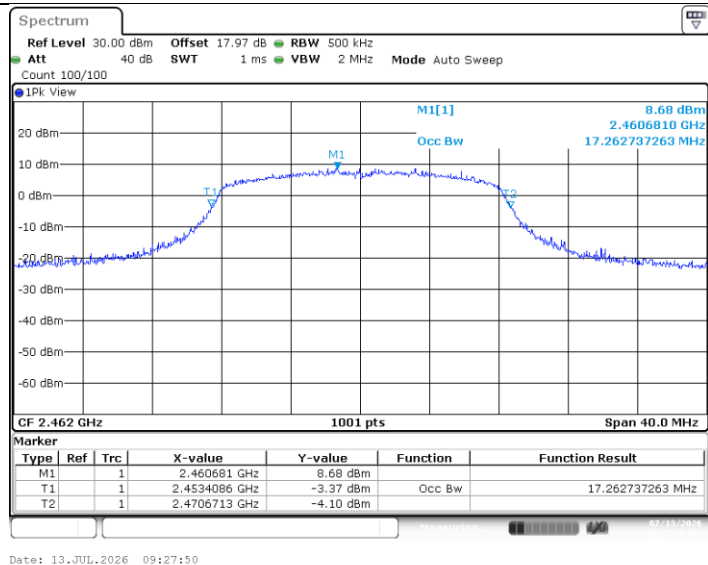
11G_Ant1_2412



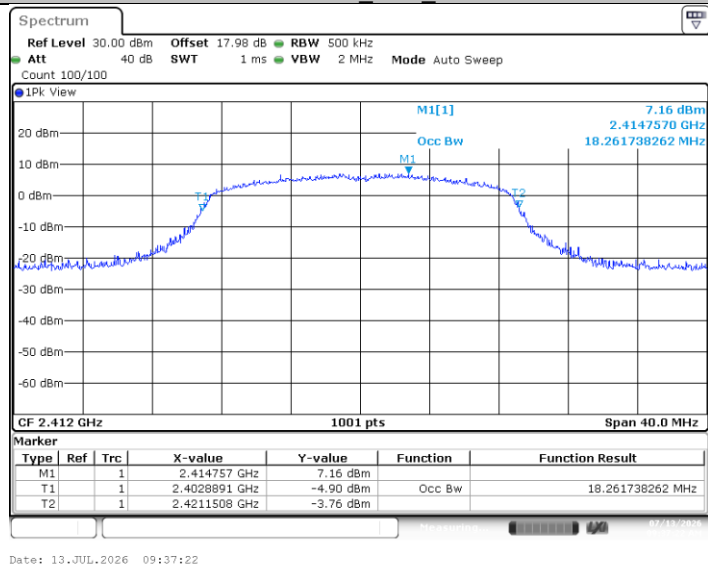
11G_Ant1_2437



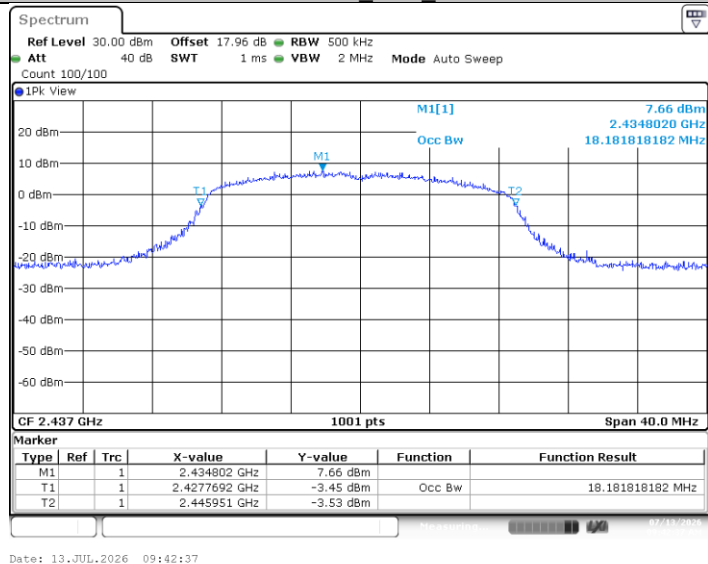
11G_Ant1_2462



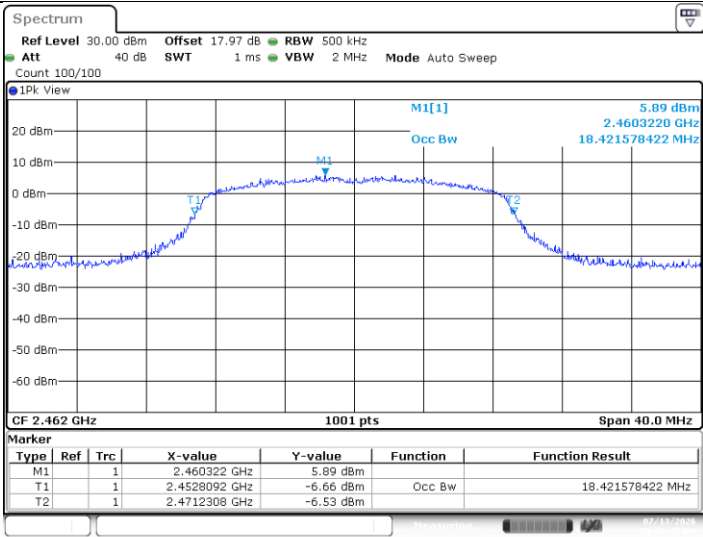
11N20SISO Ant1_2412



11N20SISO Ant1_2437



11N20SISO Ant1_2462



Date: 13.JUL.2026 09:46:42

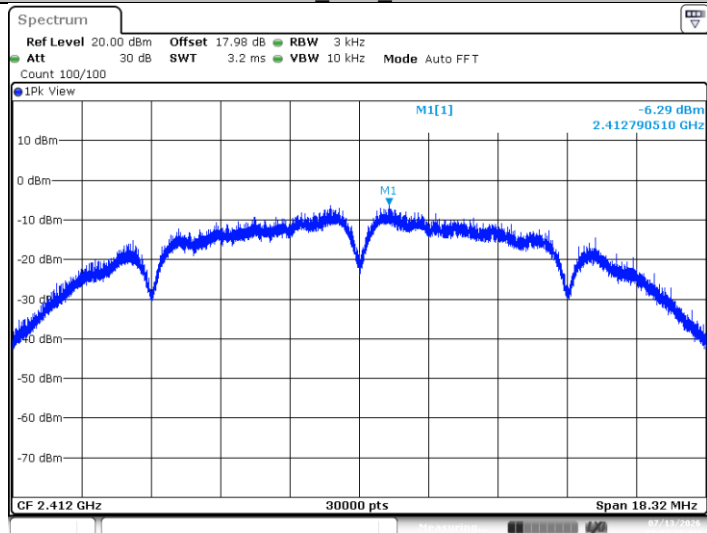
Appendix B.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.29	≤8.00	PASS
		2437	-5.45	≤8.00	PASS
		2462	-6.67	≤8.00	PASS
11G	Ant1	2412	-9.04	≤8.00	PASS
		2437	-9.13	≤8.00	PASS
		2462	-10.14	≤8.00	PASS
11N20SISO	Ant1	2412	-11.34	≤8.00	PASS
		2437	-10.67	≤8.00	PASS
		2462	-13.19	≤8.00	PASS

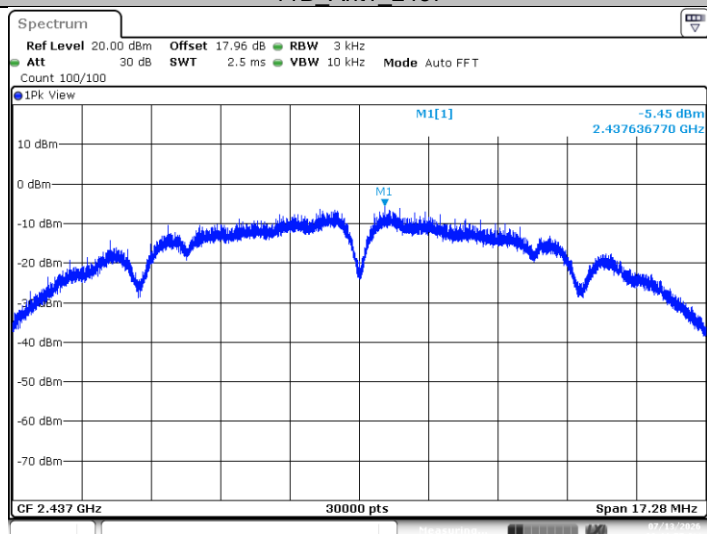
Test Graphs

11B_Ant1_2412



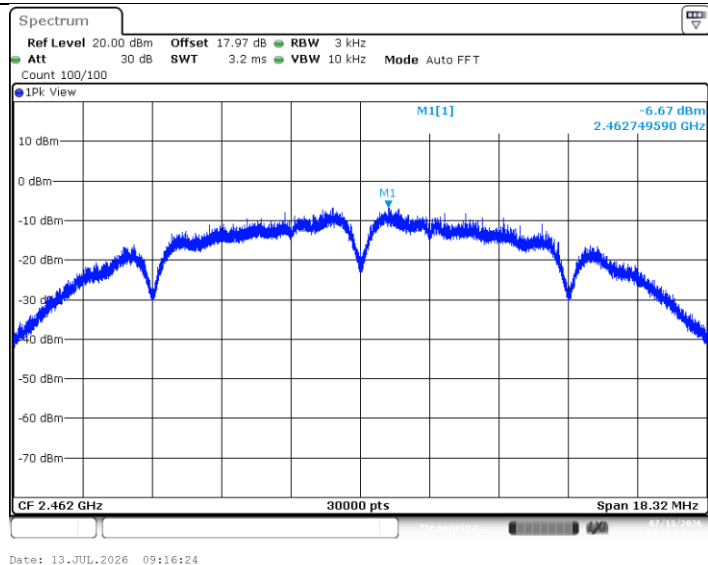
Date: 13.JUL.2026 09:03:36

11B_Ant1_2437

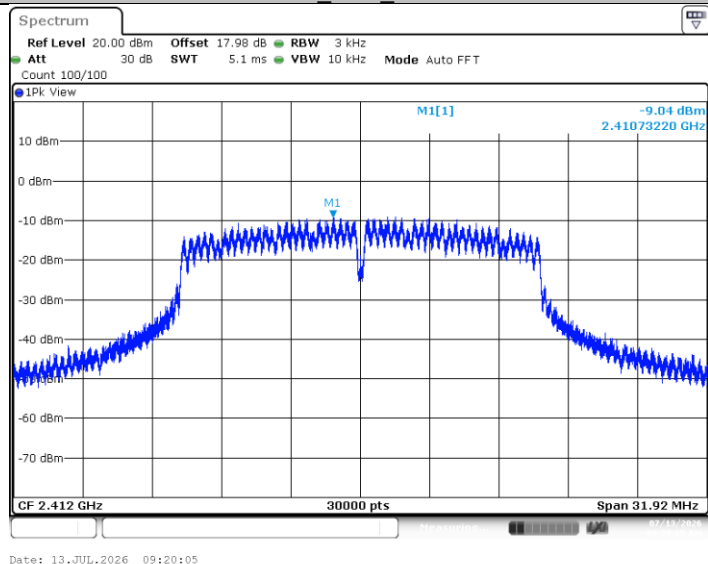


Date: 13.JUL.2026 09:11:55

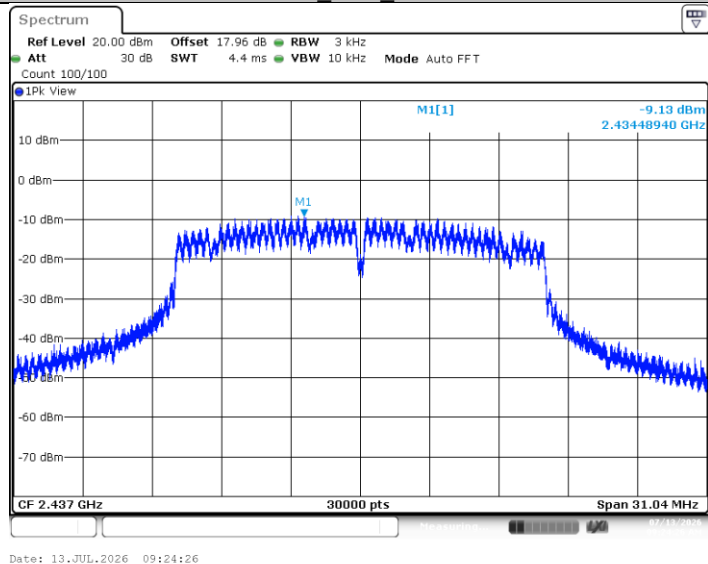
11B_Ant1_2462



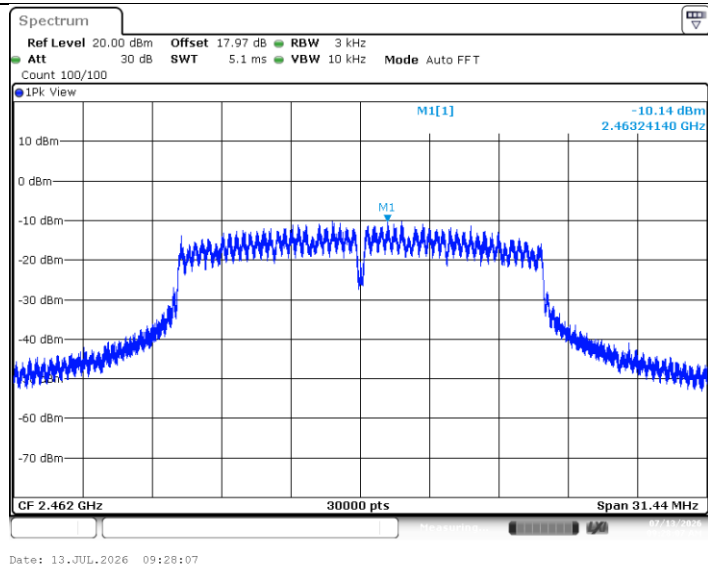
11G_Ant1_2412



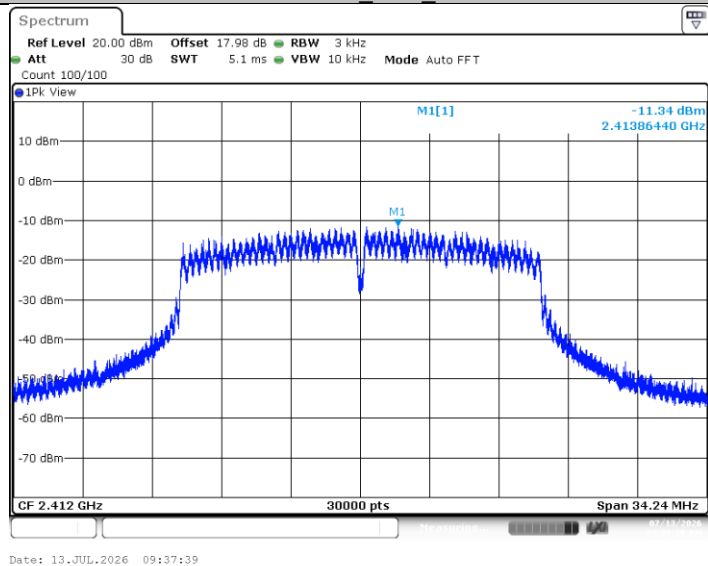
11G_Ant1_2437



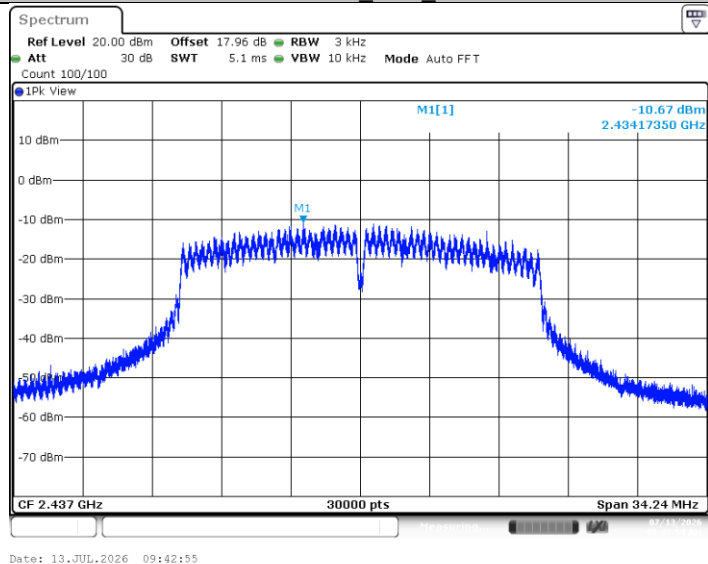
11G_Ant1_2462



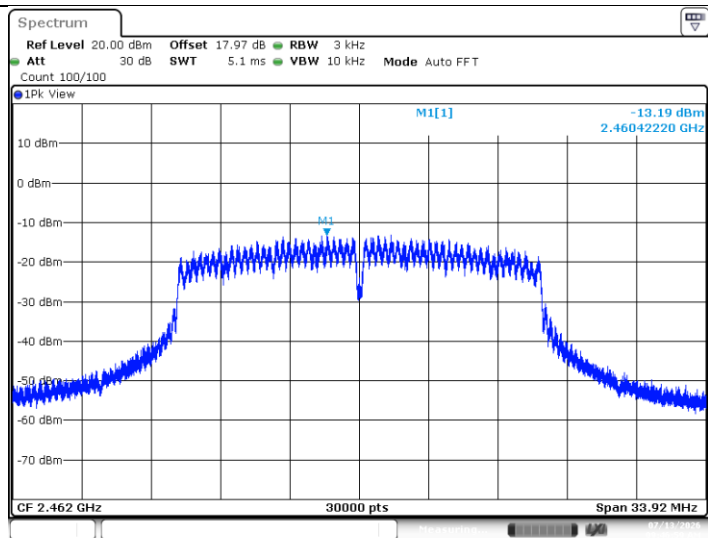
11N20SISO Ant1_2412



11N20SISO Ant1_2437



11N20SISO Ant1_2462



Date: 13.JUL.2026 09:46:59

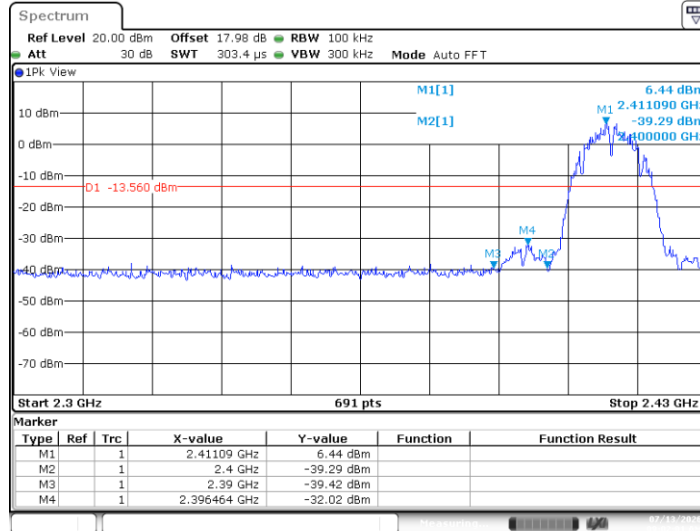
Appendix B.4: Test Results of Band Edge Measurements

Test Result

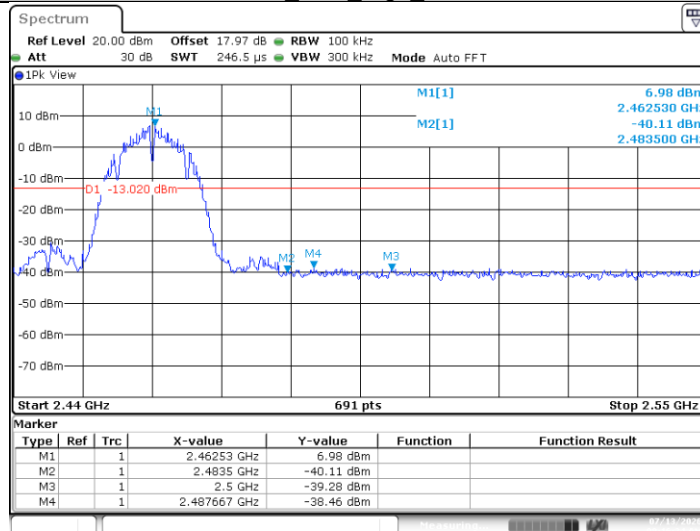
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.44	-32.02	≤-13.56	PASS
		High	2462	6.98	-38.46	≤-13.02	PASS
11G	Ant1	Low	2412	4.62	-28.1	≤-15.38	PASS
		High	2462	1.82	-37.57	≤-18.18	PASS
11N20SISO	Ant1	Low	2412	2.36	-30.02	≤-17.64	PASS
		High	2462	0.91	-37.61	≤-19.09	PASS

Test Graphs

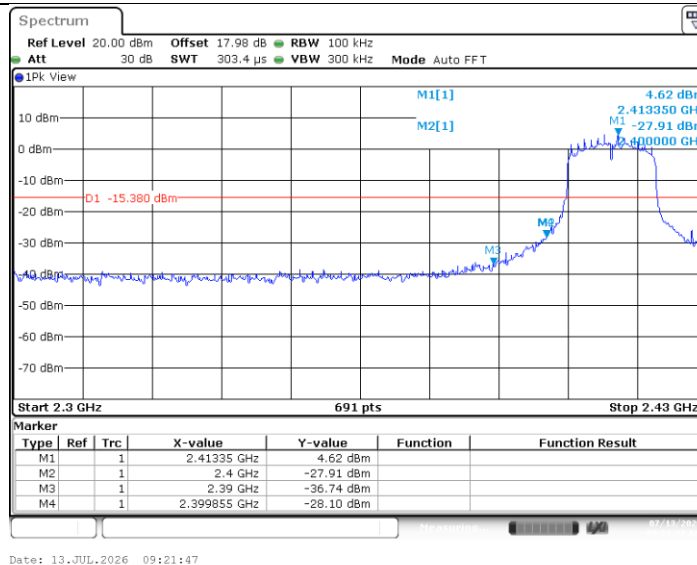
11B_Ant1_Low 2412



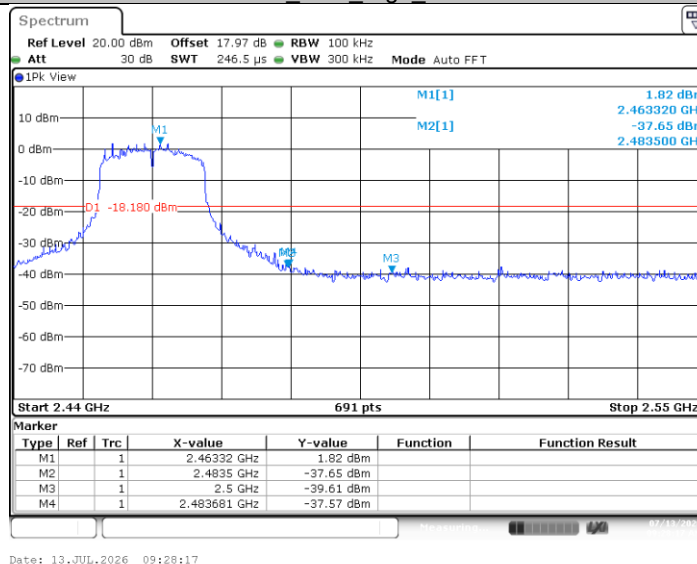
11B_Ant1_High 2462



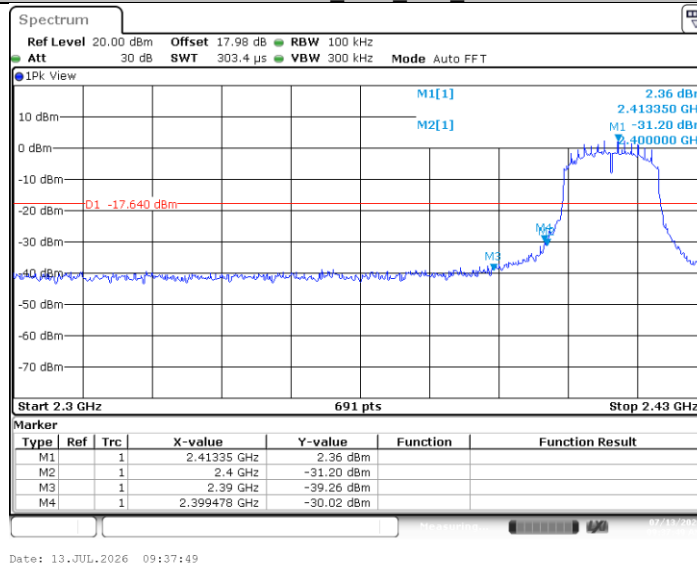
11G_Ant1_Low 2412



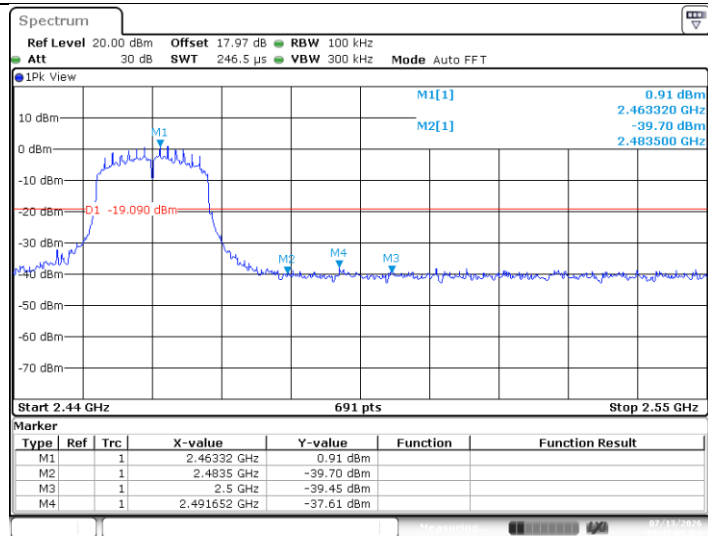
11G Ant1 High 2462



11N20SISO Ant1 Low 2412



11N20SISO Ant1 High 2462



Date: 13.JUL.2026 09:47:10

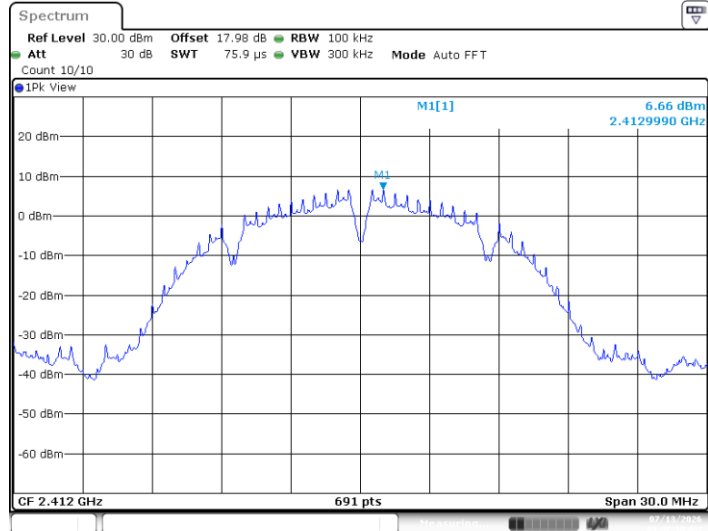
Appendix B.5: Test Results of Conducted Spurious Emissions

Test Result

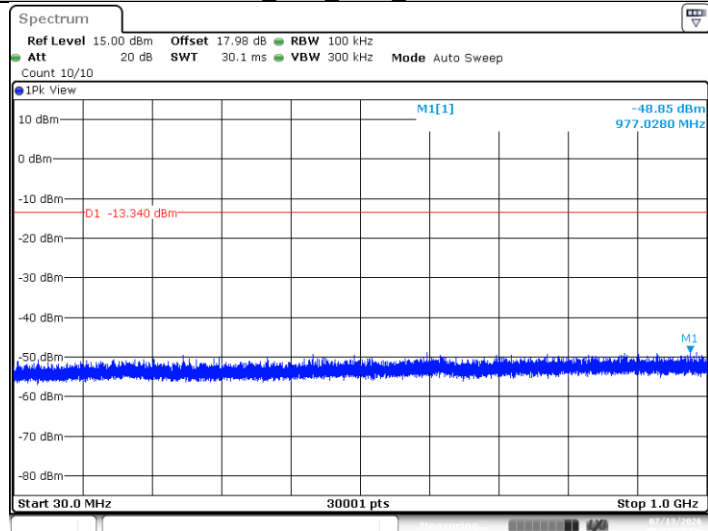
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.66	6.66	---	PASS
			30~1000	6.66	-48.85	≤-13.34	PASS
			1000~26500	6.66	-42.49	≤-13.34	PASS
		2437	Reference	6.93	6.93	---	PASS
			30~1000	6.93	-48.14	≤-13.07	PASS
			1000~26500	6.93	-42.74	≤-13.07	PASS
		2462	Reference	6.91	6.91	---	PASS
			30~1000	6.91	-49.12	≤-13.09	PASS
			1000~26500	6.91	-42.24	≤-13.09	PASS
11G	Ant1	2412	Reference	5.02	5.02	---	PASS
			30~1000	5.02	-48.52	≤-14.98	PASS
			1000~26500	5.02	-42.47	≤-14.98	PASS
		2437	Reference	4.92	4.92	---	PASS
			30~1000	4.92	-48.66	≤-15.08	PASS
			1000~26500	4.92	-42.77	≤-15.08	PASS
		2462	Reference	3.30	3.30	---	PASS
			30~1000	3.30	-48.95	≤-16.7	PASS
			1000~26500	3.30	-42.65	≤-16.7	PASS
11N20SISO	Ant1	2412	Reference	2.37	2.37	---	PASS
			30~1000	2.37	-48.84	≤-17.63	PASS
			1000~26500	2.37	-42.84	≤-17.63	PASS
		2437	Reference	2.52	2.52	---	PASS
			30~1000	2.52	-48.1	≤-17.48	PASS
			1000~26500	2.52	-43.08	≤-17.48	PASS
		2462	Reference	0.43	0.43	---	PASS
			30~1000	0.43	-47.48	≤-19.57	PASS
			1000~26500	0.43	-42.85	≤-19.57	PASS

Test Graphs

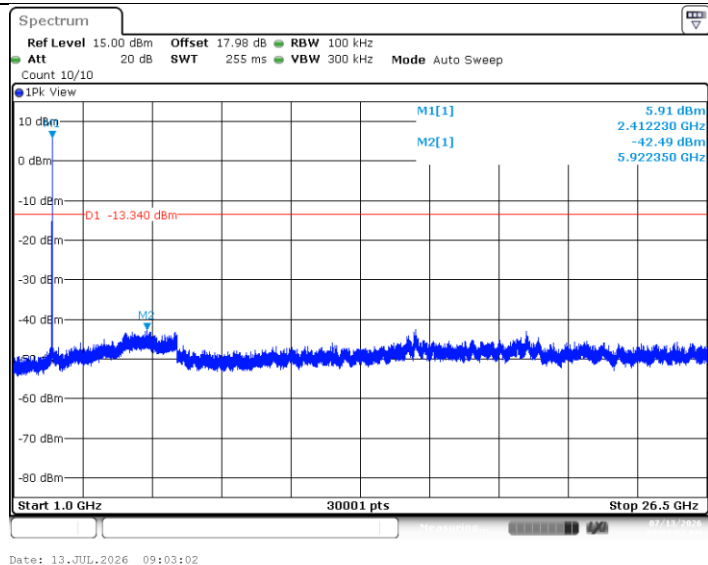
11B_Ant1_2412_0~Reference



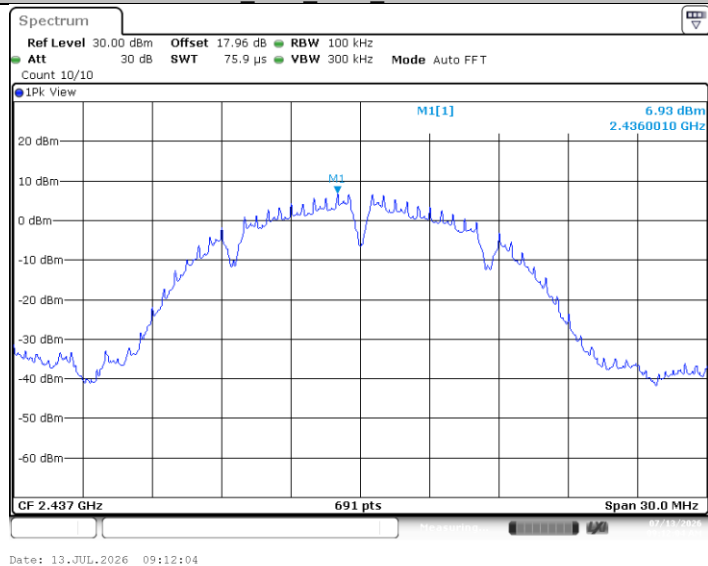
11B_Ant1_2412_30~1000



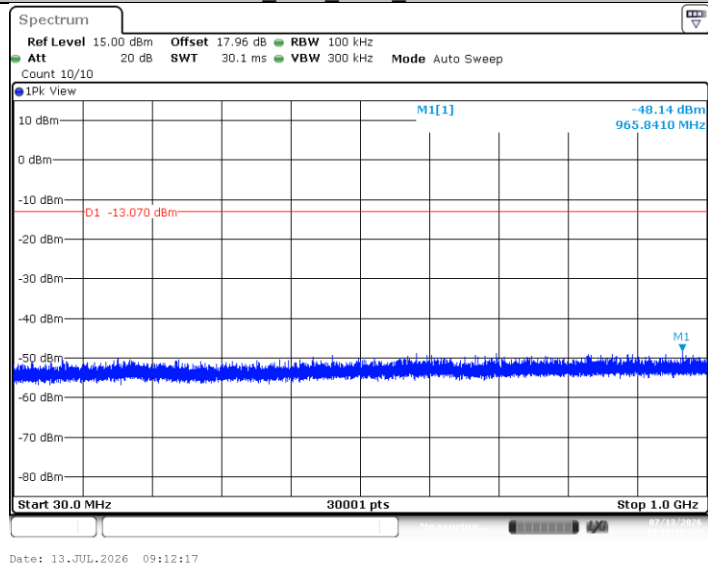
11B_Ant1_2412_1000~26500



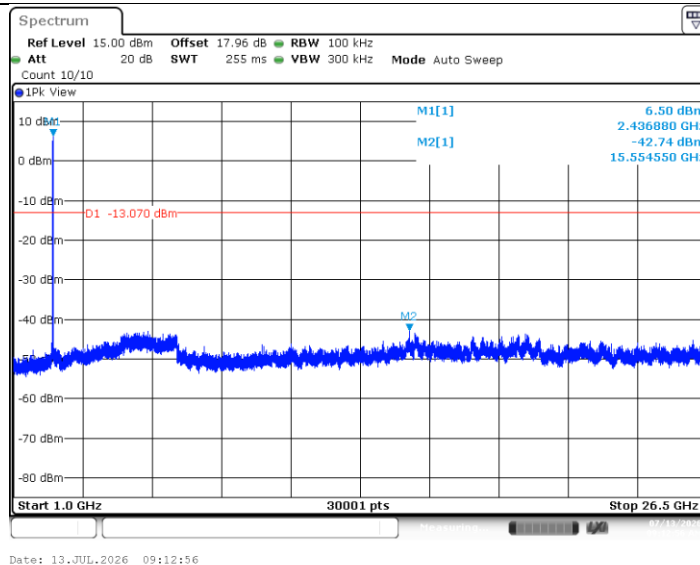
11B_Ant1_2437_0~Reference



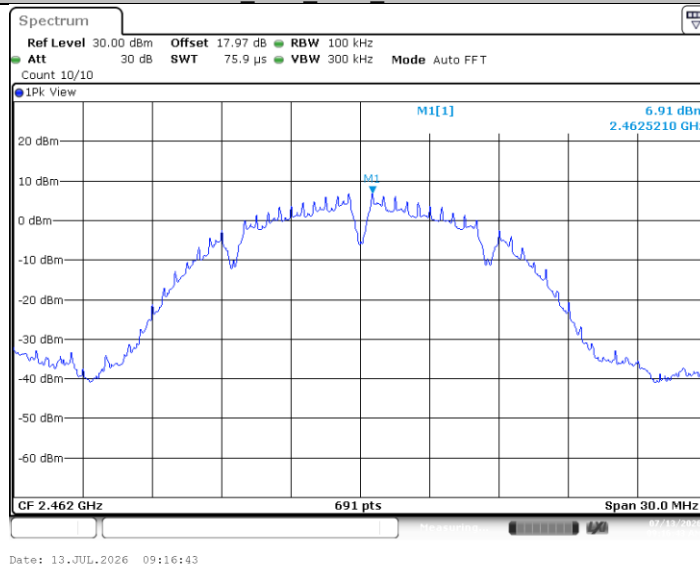
11B_Ant1_2437_30~1000



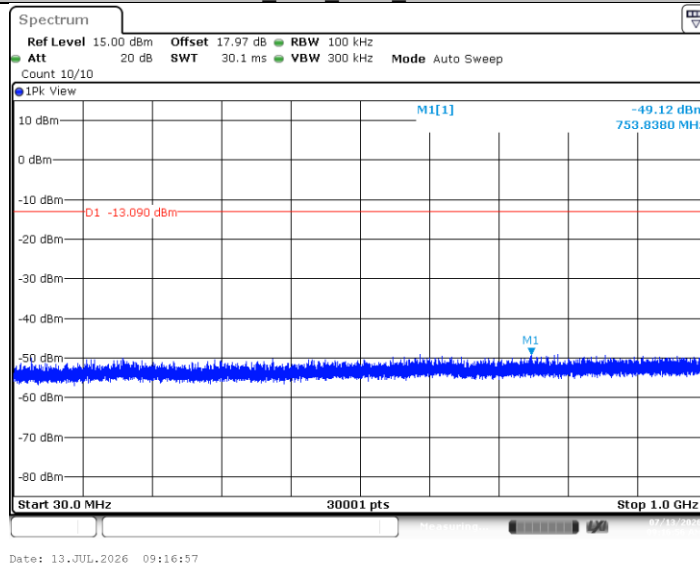
11B_Ant1_2437_1000~26500



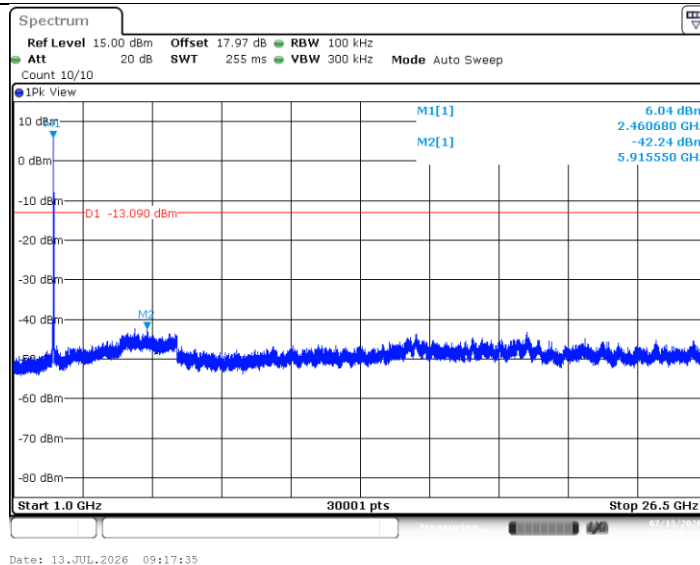
11B_Ant1_2462_0~Reference



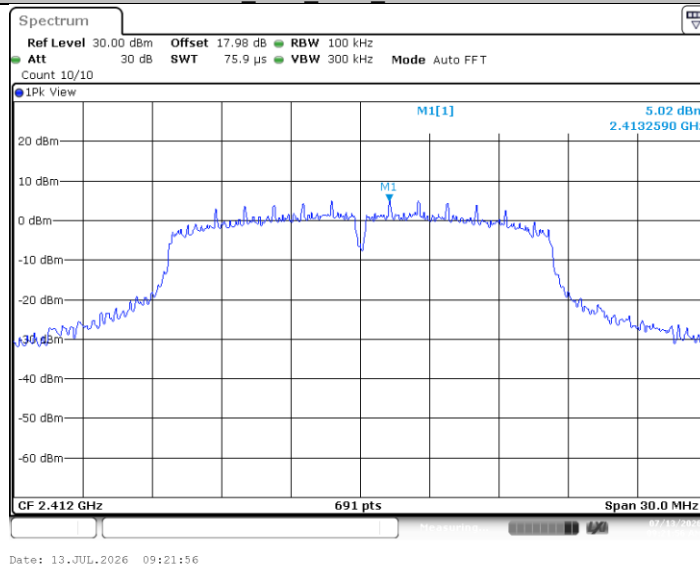
11B_Ant1_2462_30~1000



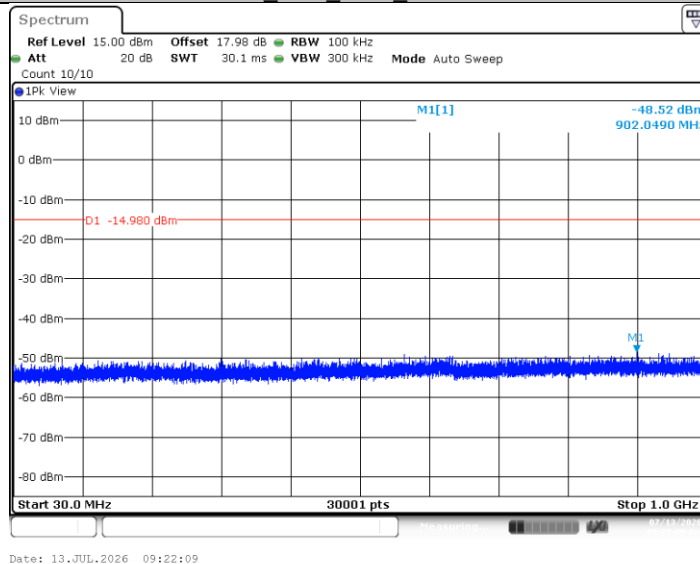
11B_Ant1_2462_1000~26500



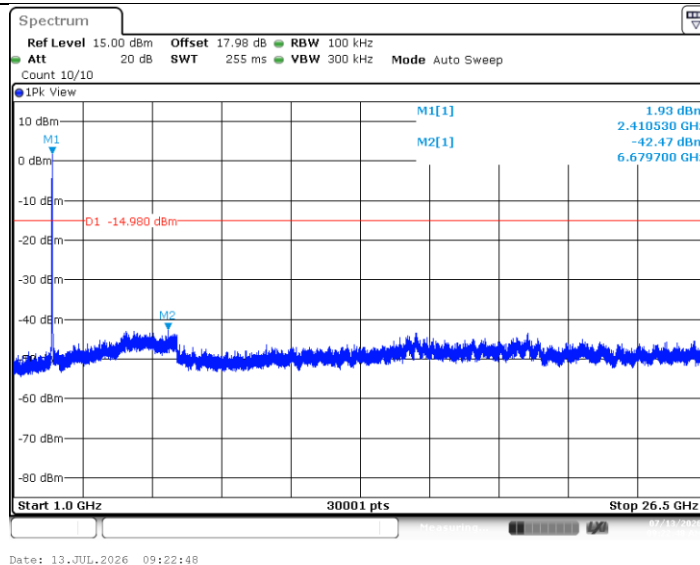
11G_Ant1_2412_0~Reference



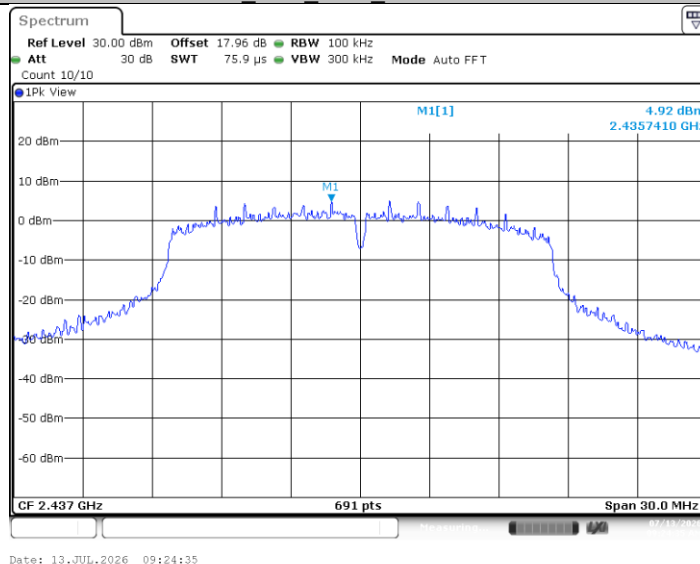
11G_Ant1_2412_30~1000



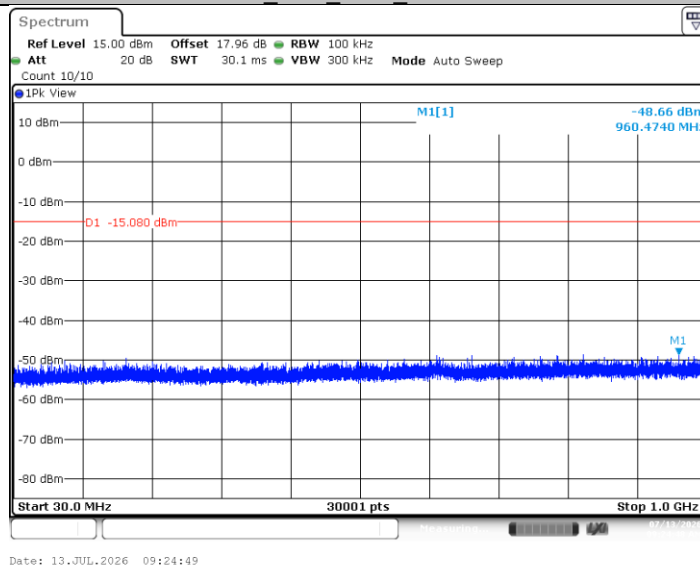
11G_Ant1_2412_1000~26500



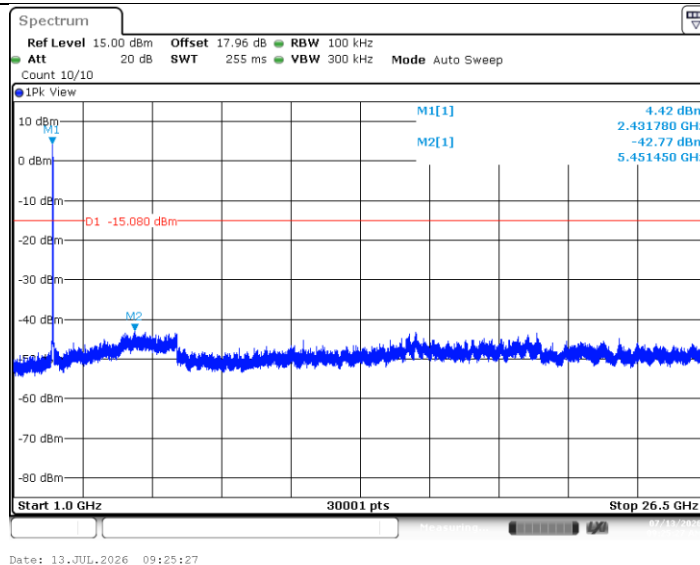
11G_Ant1_2437_0~Reference



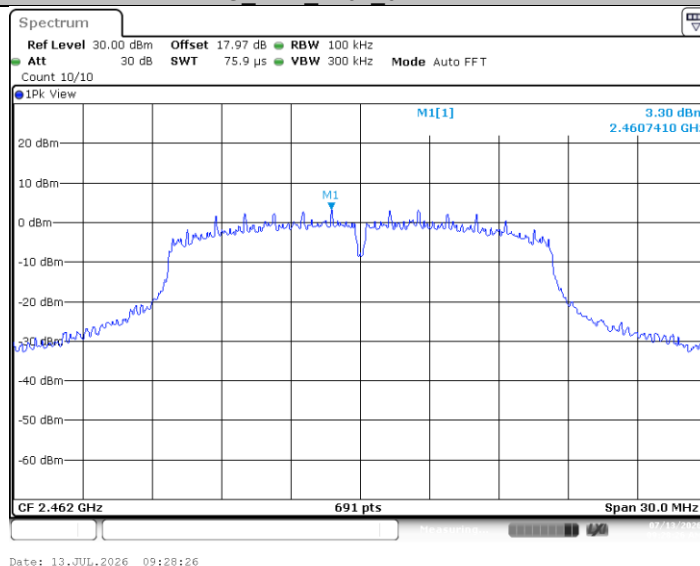
11G_Ant1_2437_30~1000



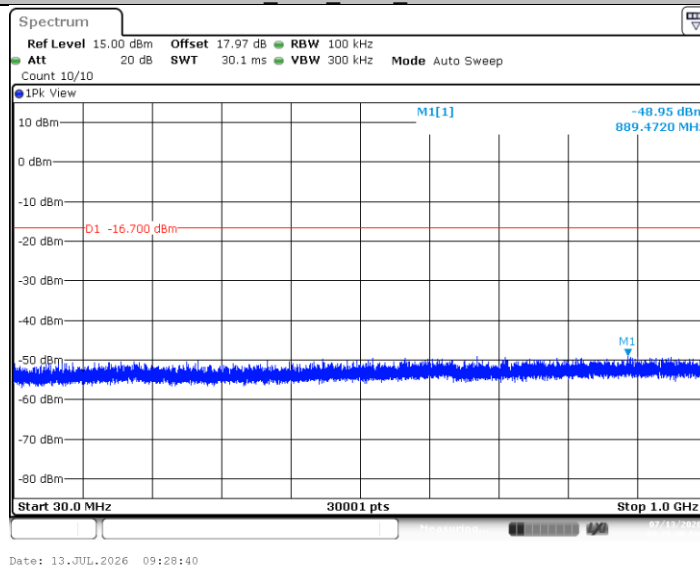
11G_Ant1_2437_1000~26500



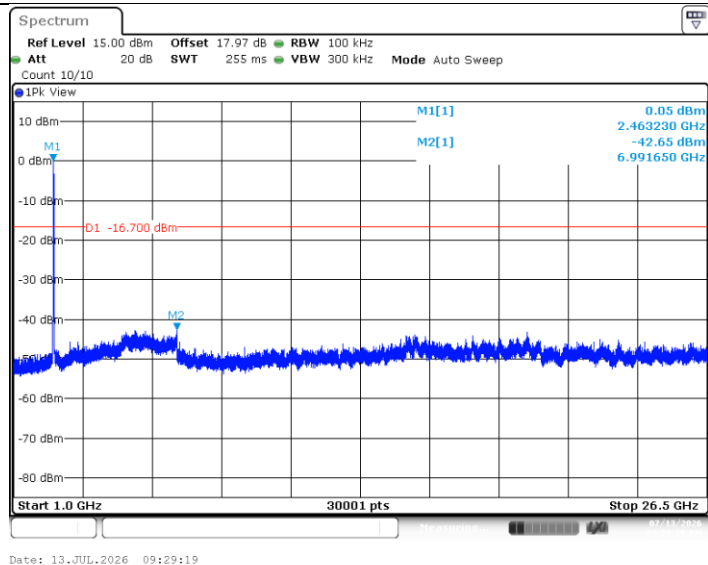
11G_Ant1_2462_0~Reference



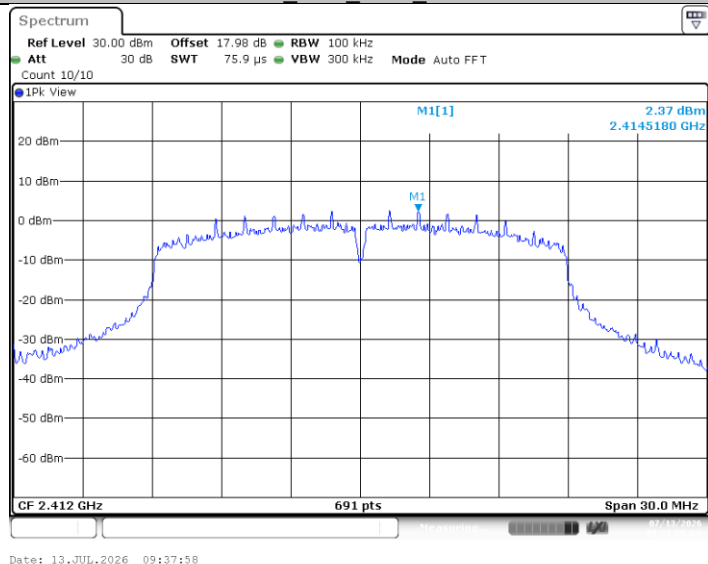
11G_Ant1_2462_30~1000



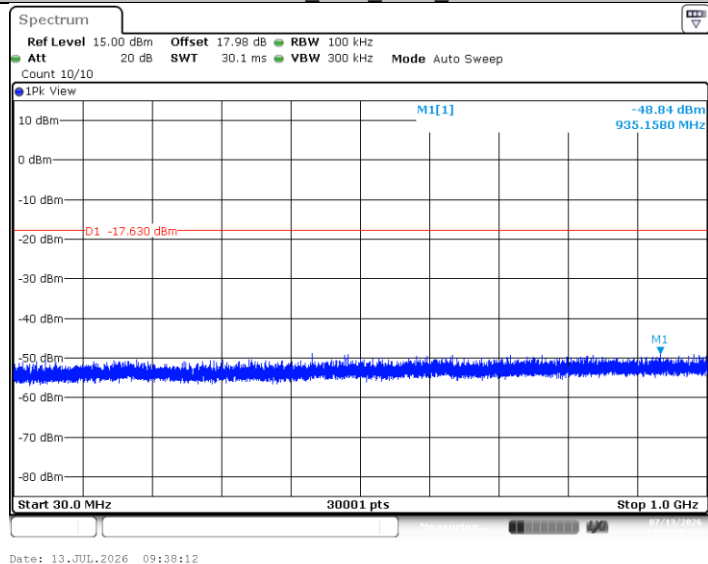
11G_Ant1_2462_1000~26500



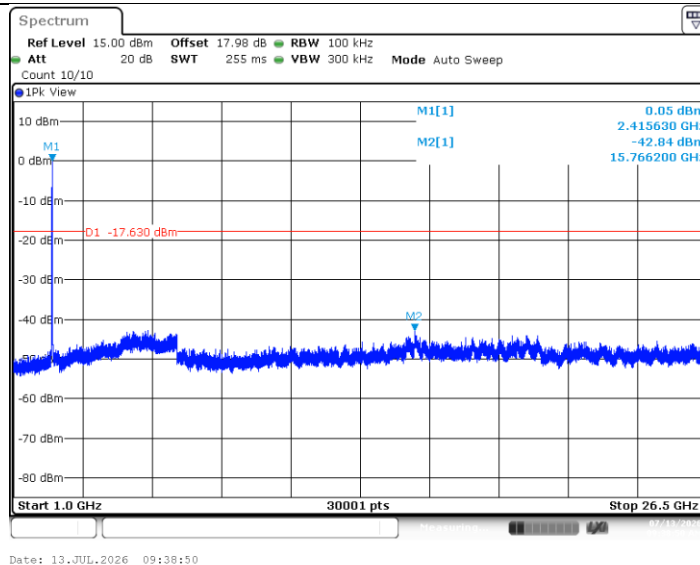
11N20SISO_Ant1_2412_0~Reference



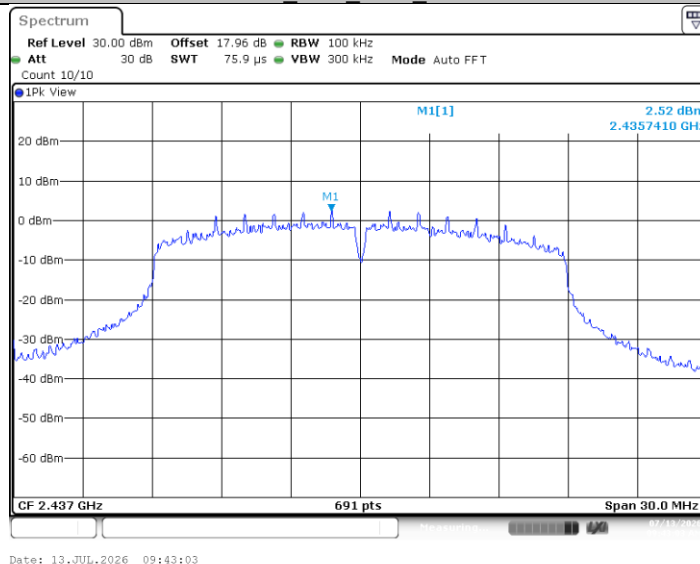
11N20SISO_Ant1_2412_30~1000



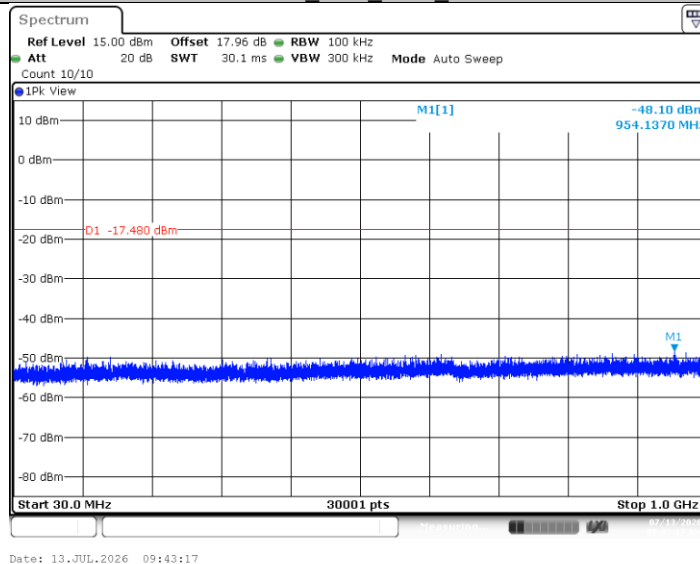
11N20SISO_Ant1_2412_1000~26500



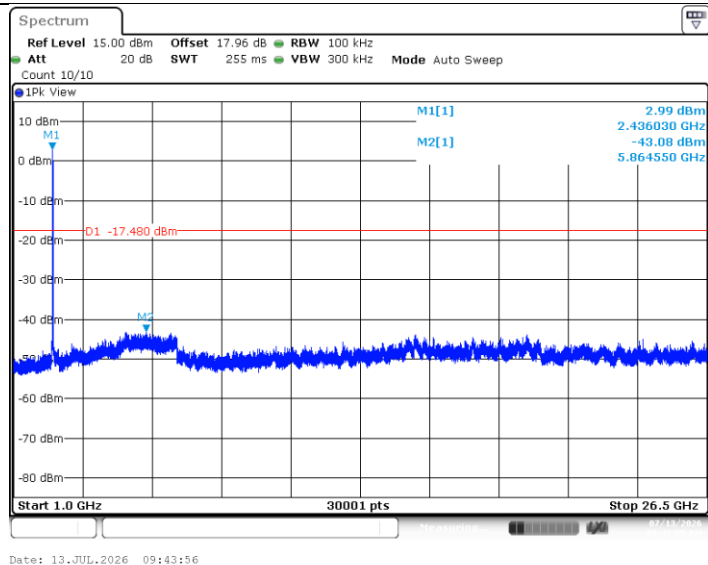
11N20SISO_Ant1_2437_0~Reference



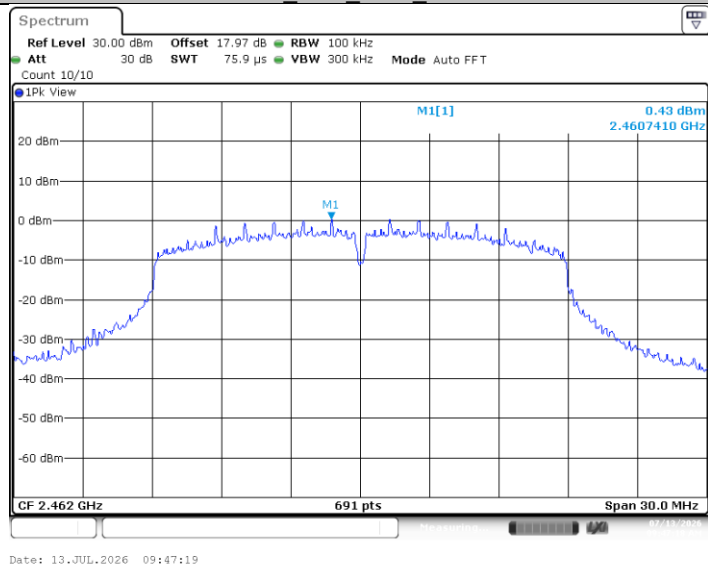
11N20SISO_Ant1_2437_30~1000



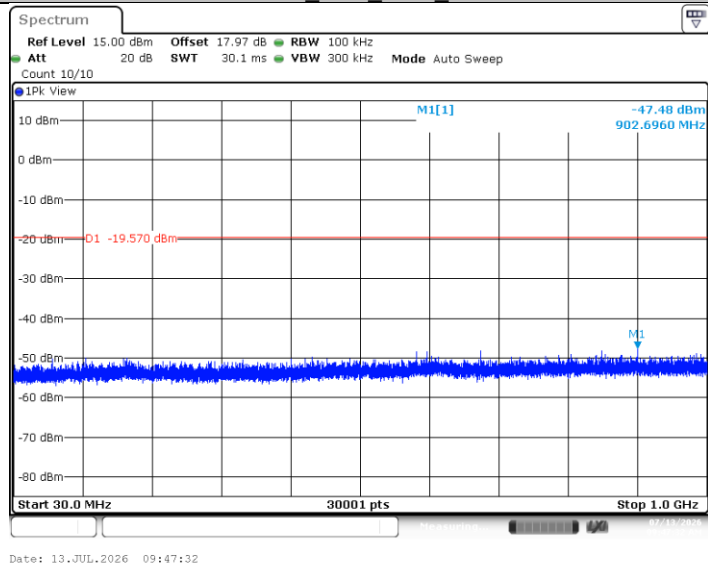
11N20SISO_Ant1_2437_1000~26500



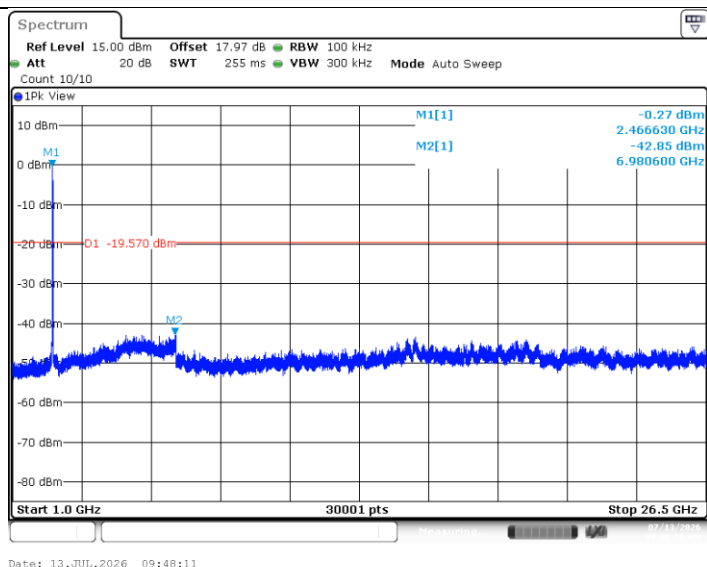
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



Appendix B.6: Test Results of Radiated Spurious Emissions

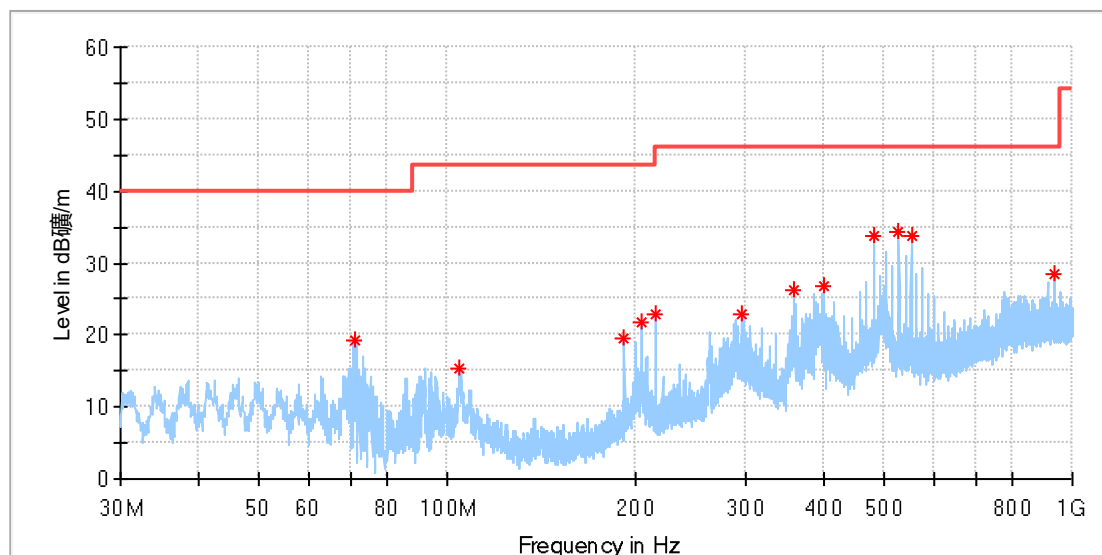
Note:

- 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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

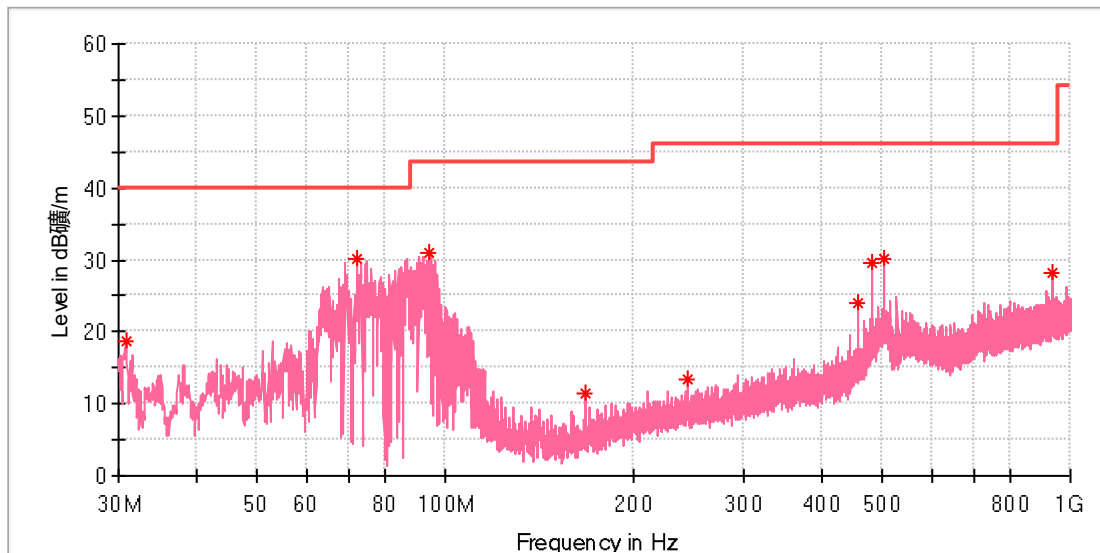
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
71.386667	19.27	40.00	20.73	100.0	H	210.0	-22.4
104.743889	15.33	43.50	28.17	100.0	H	0.0	-18.9
191.990000	19.54	43.50	23.96	100.0	H	22.0	-19.5
204.007222	21.81	43.50	21.69	100.0	H	155.0	-19.0
215.970556	22.95	43.50	20.55	100.0	H	353.0	-18.7
295.780000	22.95	46.00	23.05	100.0	H	77.0	-16.4
357.806111	26.16	46.00	19.84	100.0	H	0.0	-14.7
401.348333	26.71	46.00	19.29	100.0	H	245.0	-13.7
480.026111	33.66	46.00	12.34	100.0	H	139.0	-12.1
527.987222	34.46	46.00	11.54	100.0	H	117.0	-11.3
552.021667	33.67	46.00	12.33	100.0	H	117.0	-10.7
938.405000	28.42	46.00	17.58	100.0	H	194.0	-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: Cricut stickerpix print
Model: CPPT401
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: A004271413-004
Test Voltage: AC 120V/60Hz
Remark: Temp 23.2°C Humi:51%
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)
30.862222	18.77	40.00	21.23	100.0	V	0.0	-22.9
72.248889	30.22	40.00	9.78	100.0	V	166.0	-22.6
94.127778	30.92	43.50	12.58	100.0	V	348.0	-20.1
167.955556	11.51	43.50	31.99	100.0	V	151.0	-21.4
243.507778	13.29	46.00	32.71	100.0	V	244.0	-17.6
455.991667	24.01	46.00	21.99	100.0	V	63.0	-12.6
480.026111	29.63	46.00	16.37	100.0	V	54.0	-12.1
504.006667	30.14	46.00	15.86	100.0	V	244.0	-11.8
936.950000	28.31	46.00	17.69	100.0	V	38.0	-4.4

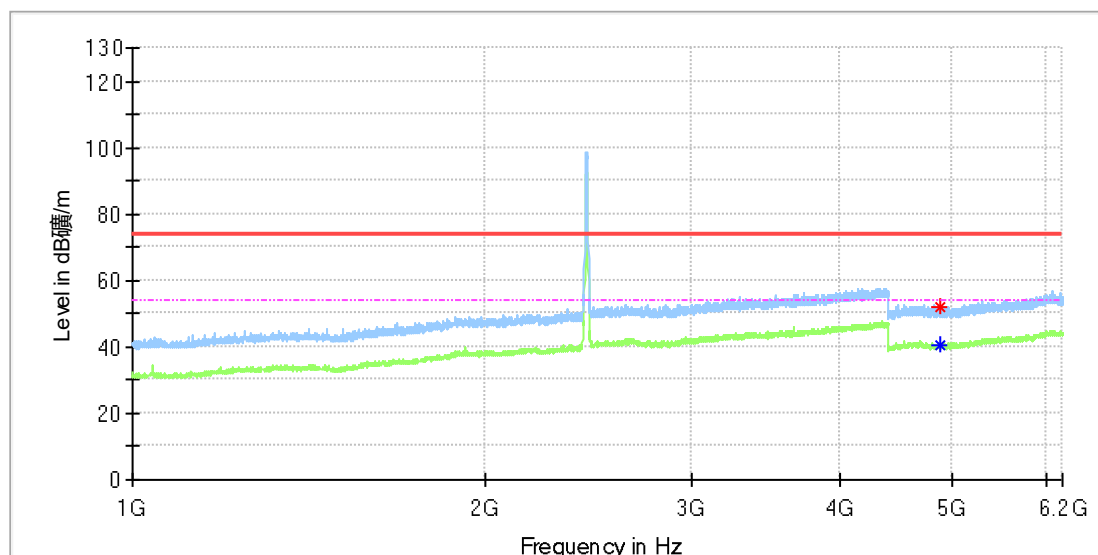
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

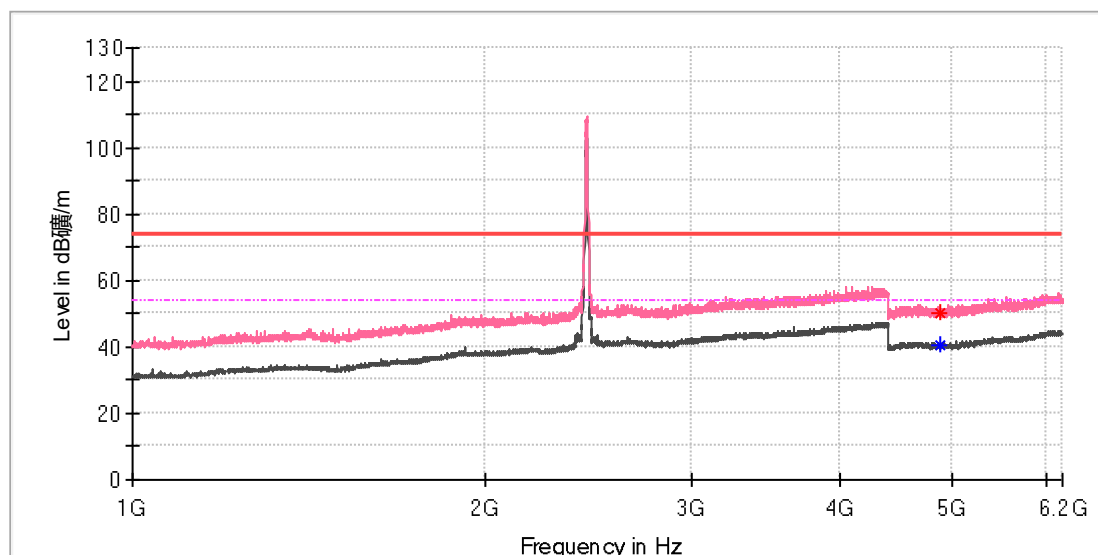
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	40.54	54.00	13.46	150.0	H	16.0	13.3
4875.500000	51.80	---	74.00	22.20	150.0	H	62.0	13.3

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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

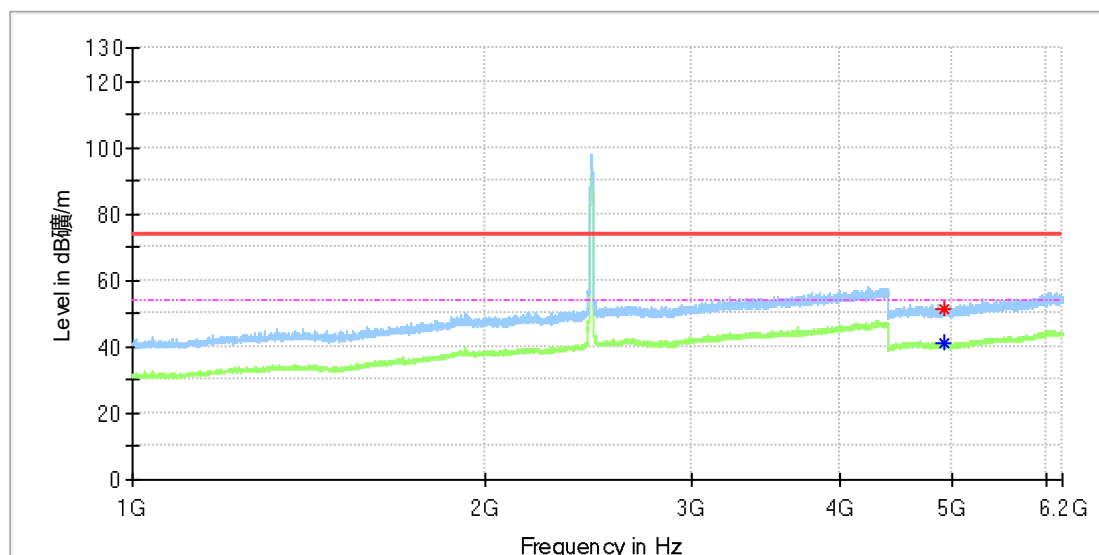
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	50.36	---	74.00	23.64	150.0	V	116.0	13.3
4874.000000	---	40.59	54.00	13.41	150.0	V	220.0	13.3

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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

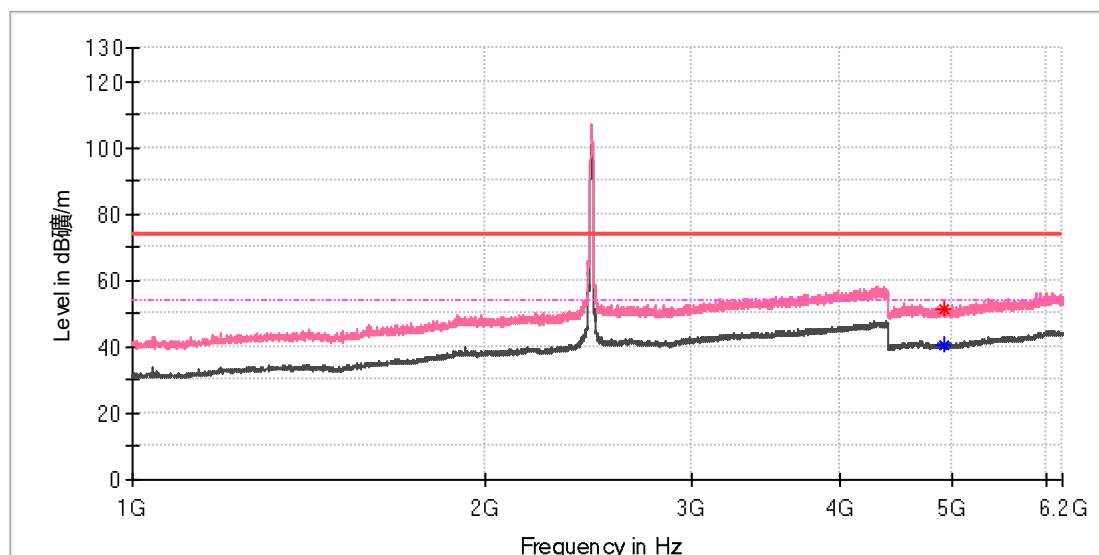
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4922.000000	51.24	---	74.00	22.76	150.0	H	139.0	13.3
4923.500000	---	41.05	54.00	12.95	150.0	H	231.0	13.3

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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
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)
4922.000000	51.10	---	74.00	22.90	150.0	V	93.0	13.3
4924.000000	---	40.71	54.00	13.29	150.0	V	230.0	13.3

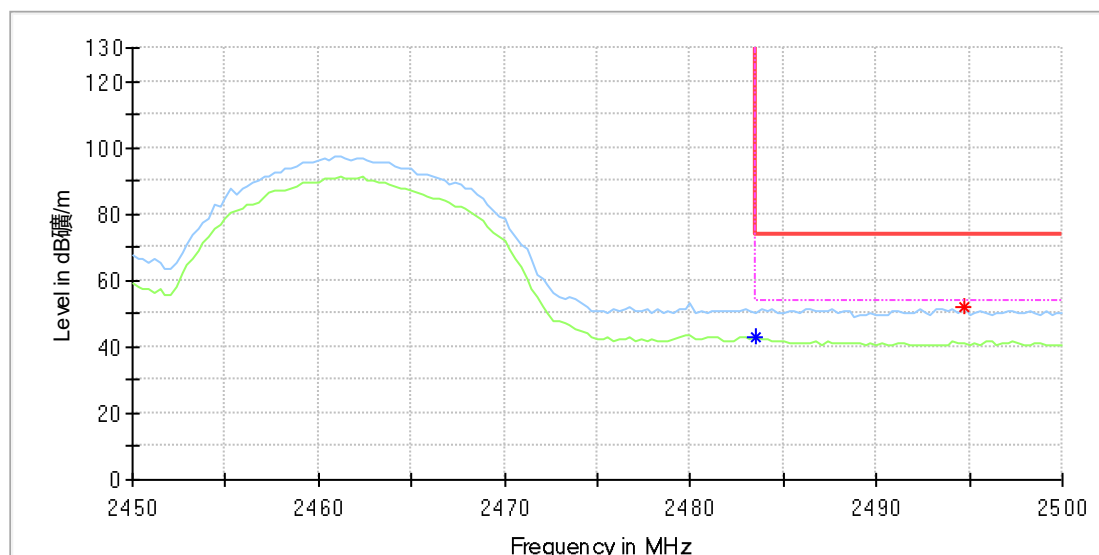
Final Result

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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
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	---	42.76	54.00	11.24	150.0	H	293.0	9.0
2494.705882	51.73	---	74.00	22.27	150.0	H	358.0	9.0

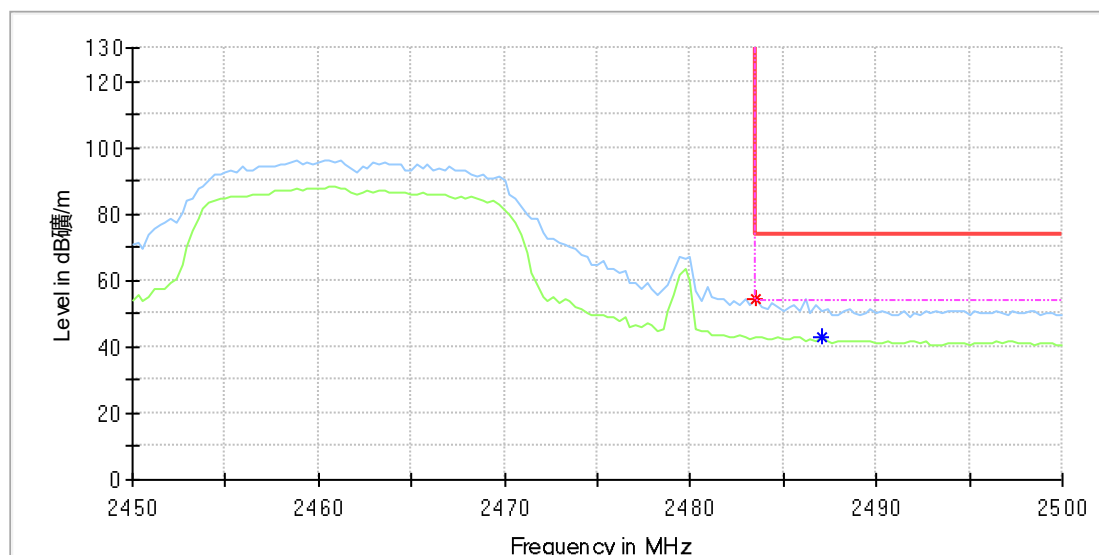
Final Result

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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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:	Cricut stickerpix print
Model:	CPPT401
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	A004271413-004
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

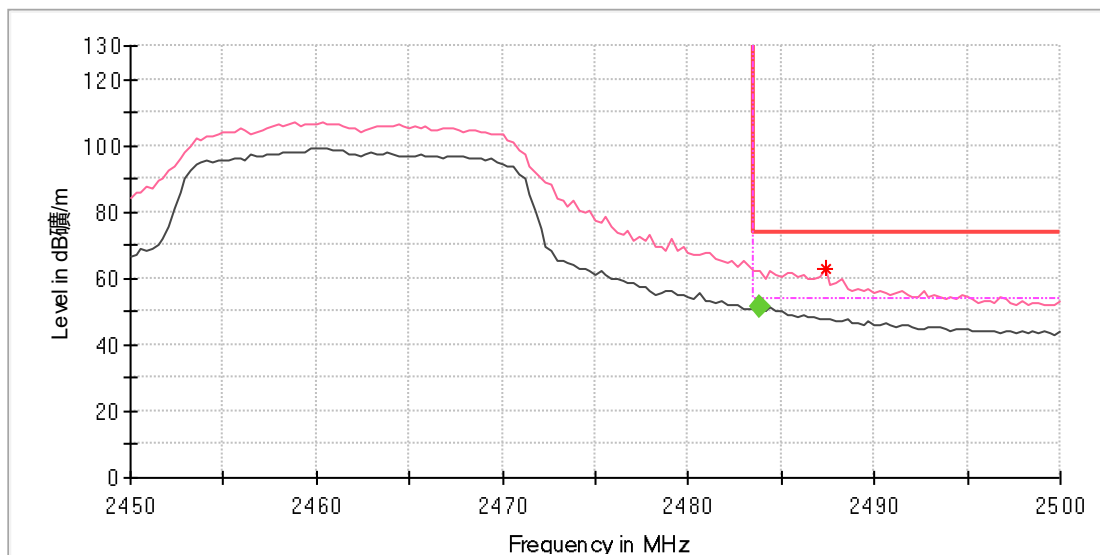
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	54.54	---	74.00	19.46	150.0	H	0.0	9.0
2487.058824	---	43.14	54.00	10.86	150.0	H	0.0	9.0

Final Result

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

EUT Name: Cricut stickerpix print
Model: CPPT401
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: A004271413-004
Test Voltage: AC 120V/60Hz
Remark: Temp 23.2°C Humi:51%
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	62.60	---	74.00	11.40	150.0	V	208.0	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)
2483.823529	---	51.61	54.00	2.39	150.0	V	208.0	9.0

