

Appendix B: Test Results of 2.4GHz Wi-Fi

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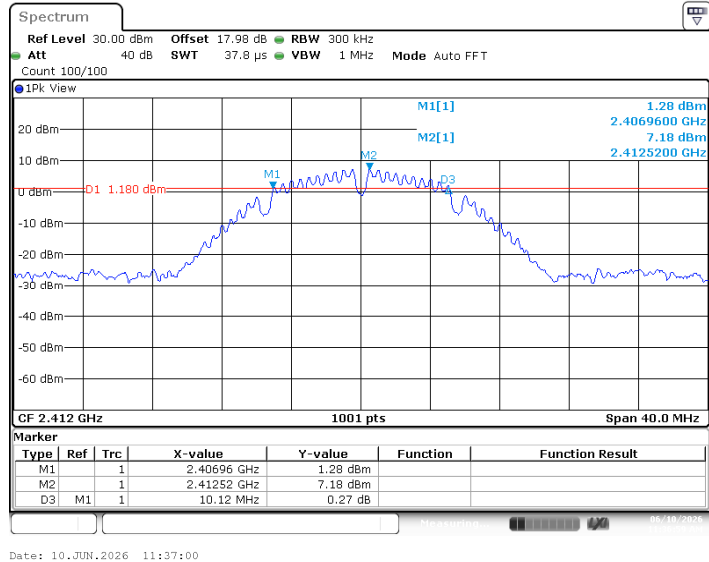
Appendix B.1: Test Results of 6dB Bandwidth

Test Result

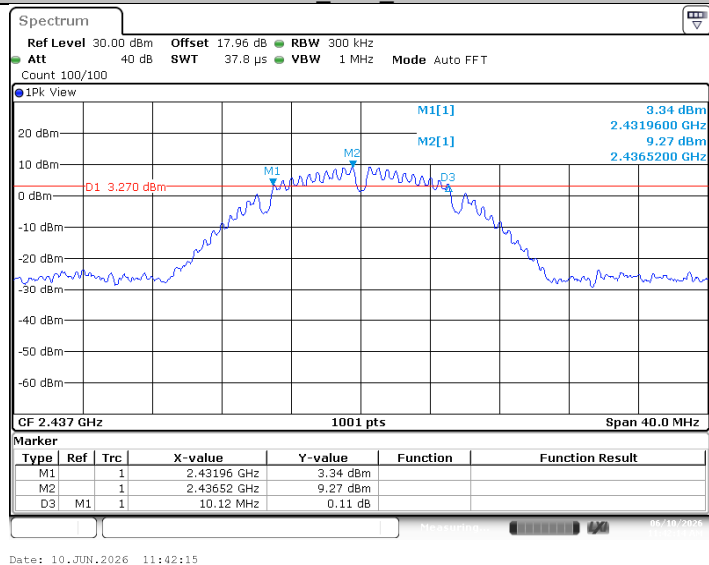
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.12	2406.96	2417.08	0.5	PASS
		2437	10.12	2431.96	2442.08	0.5	PASS
		2462	10.12	2456.96	2467.08	0.5	PASS
11G	Ant1	2412	16.04	2404.00	2420.04	0.5	PASS
		2437	16.24	2428.84	2445.08	0.5	PASS
		2462	16.00	2453.88	2469.88	0.5	PASS
11N20SISO	Ant1	2412	17.40	2403.24	2420.64	0.5	PASS
		2437	17.48	2428.32	2445.80	0.5	PASS
		2462	17.44	2453.24	2470.68	0.5	PASS
11N40SISO	Ant1	2422	36.24	2403.92	2440.16	0.5	PASS
		2437	35.84	2419.16	2455.00	0.5	PASS
		2452	36.08	2444.00	2480.08	0.5	PASS
11AX20SISO	Ant1	2412	17.20	2402.84	2420.04	0.5	PASS
		2437	18.68	2427.72	2446.40	0.5	PASS
		2462	18.48	2452.56	2471.04	0.5	PASS
11AX40SISO	Ant1	2422	37.76	2403.28	2441.04	0.5	PASS
		2437	37.68	2418.12	2455.80	0.5	PASS
		2452	37.60	2433.20	2470.80	0.5	PASS

Test Graphs

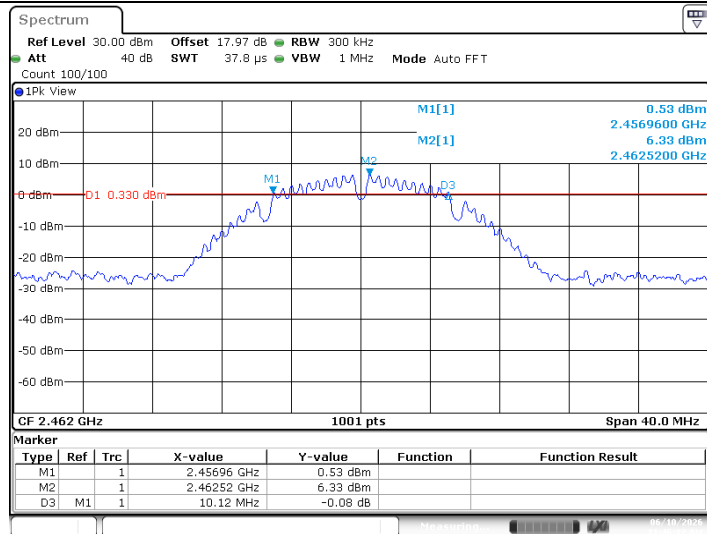
11B_Ant1_2412



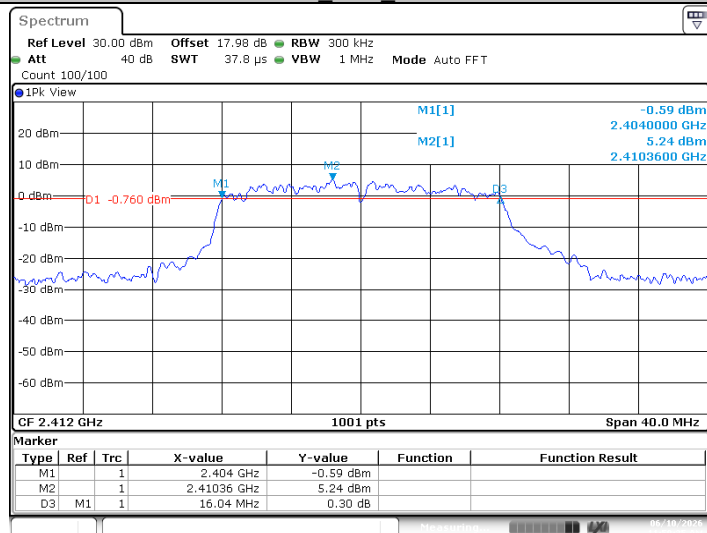
11B_Ant1_2437



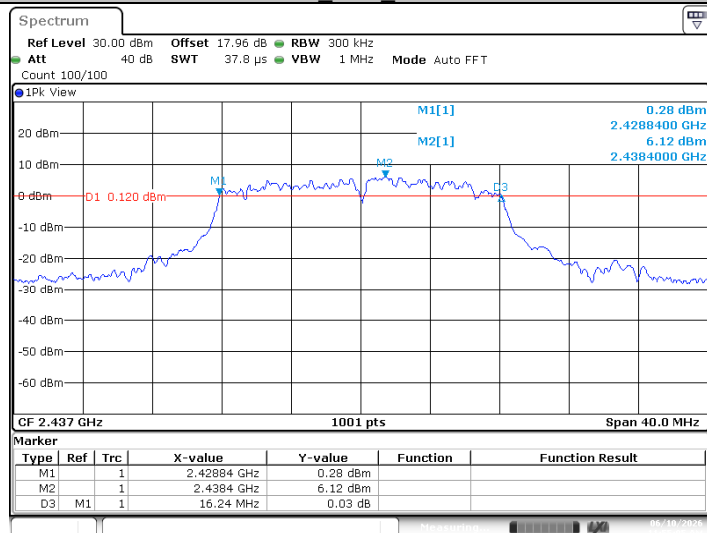
11B_Ant1_2462



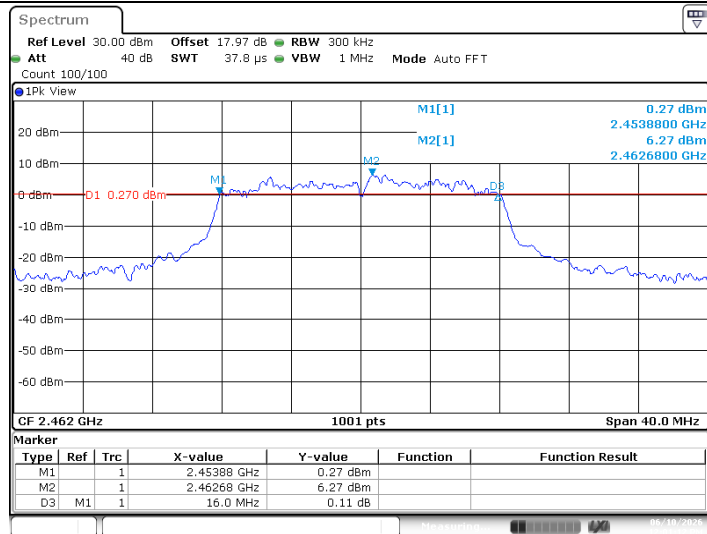
11G Ant1_2412



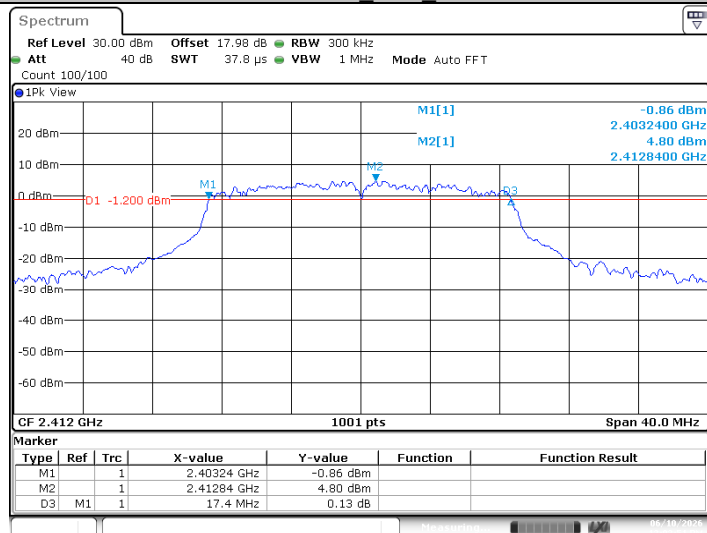
11G Ant1_2437



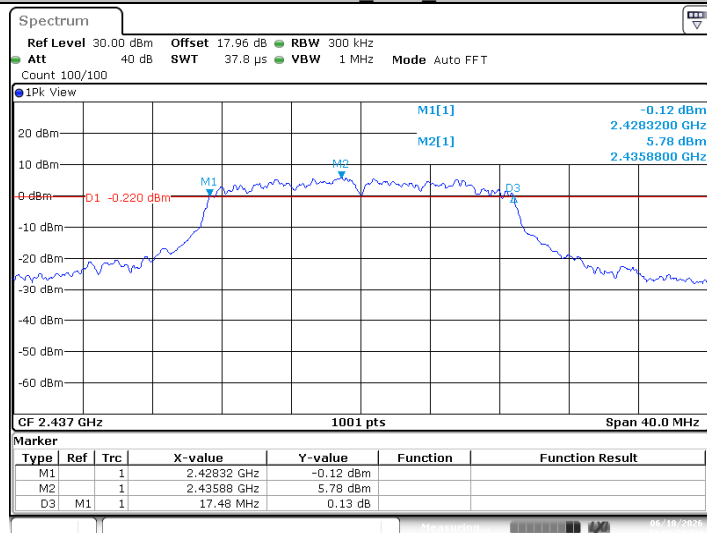
11G Ant1_2462



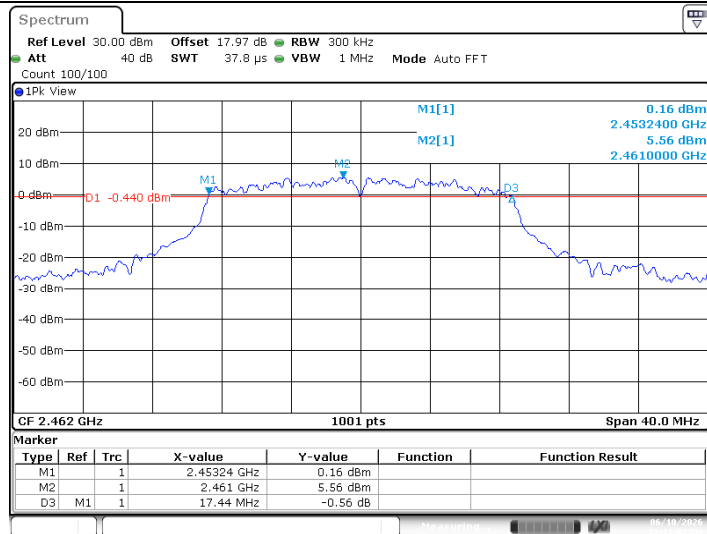
11N20SISO Ant1 2412



11N20SISO Ant1 2437

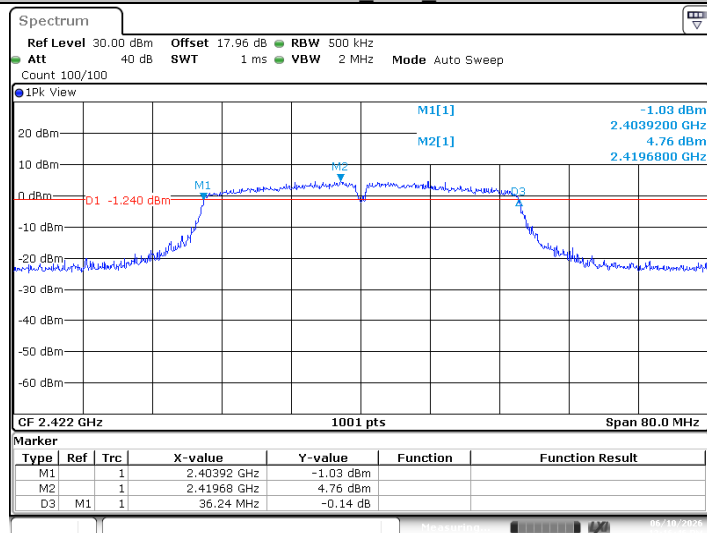


11N20SISO Ant1 2462



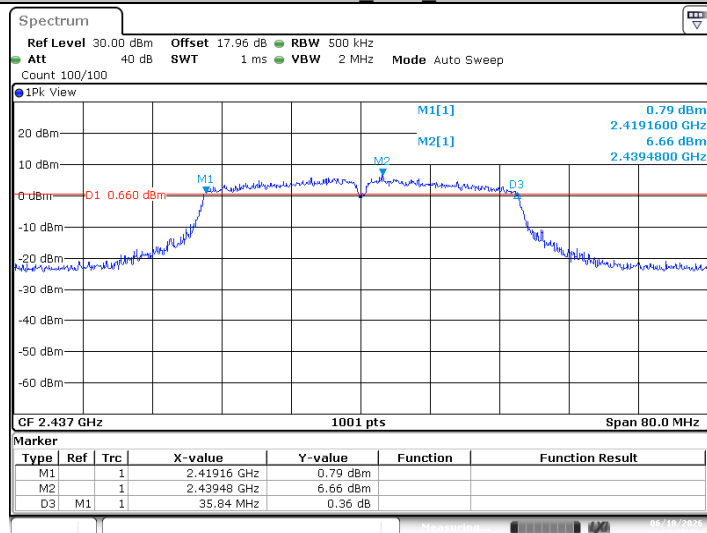
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11N40SISO Ant1 2422



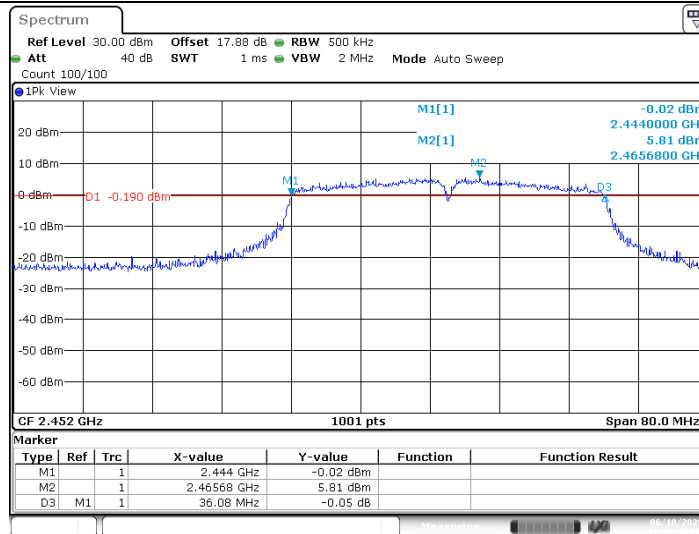
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11N40SISO Ant1 2437

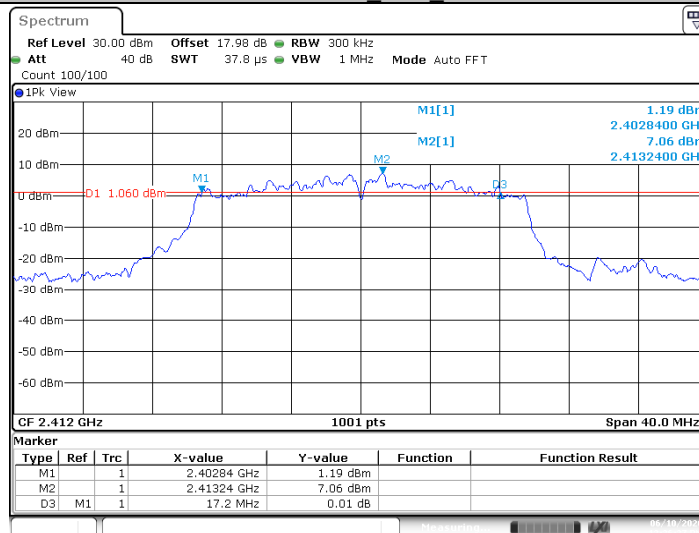


Date: 10.JUN.2026 12:21:38

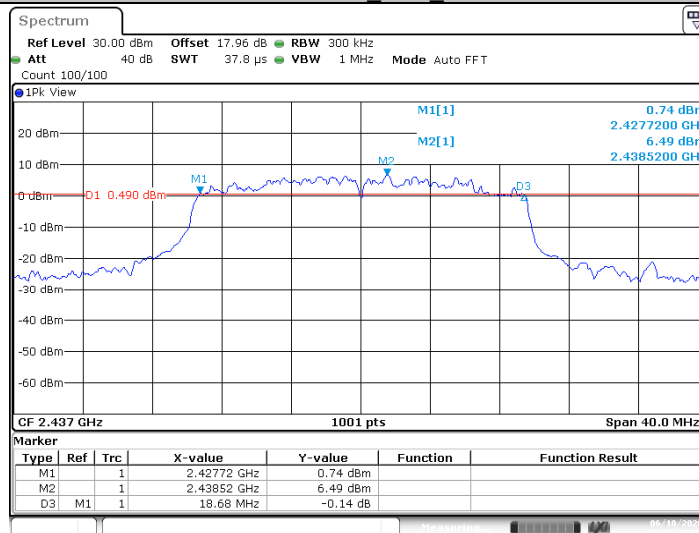
11N40SISO Ant1 2452



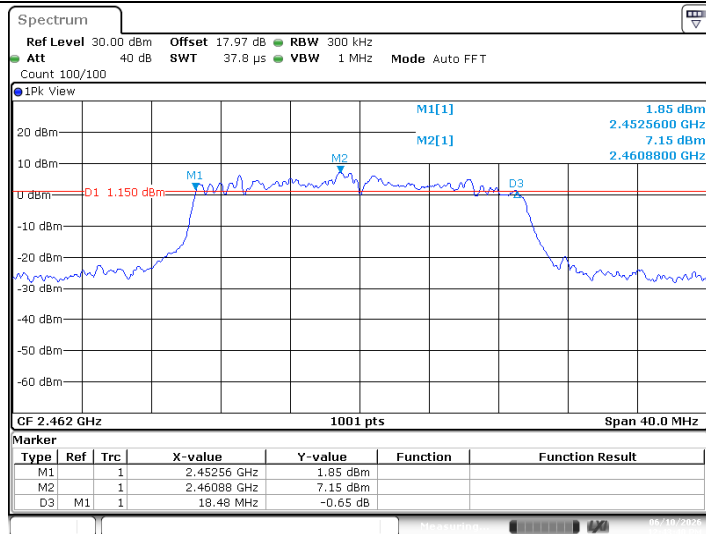
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437

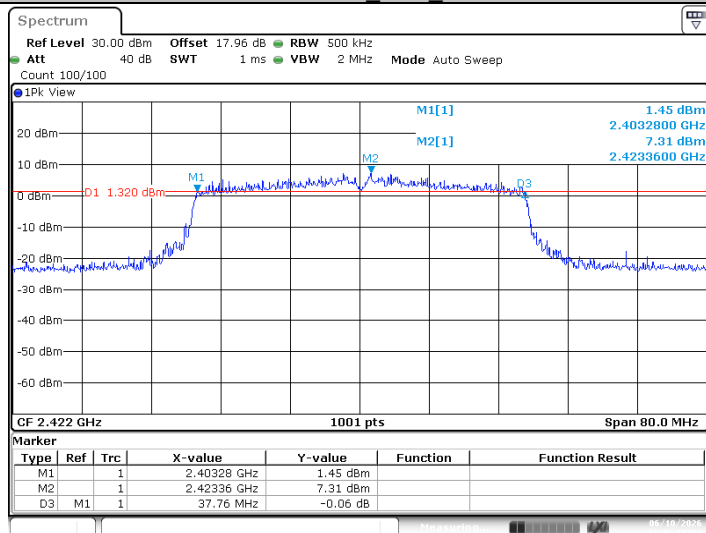


11AX20SISO_Ant1_2462



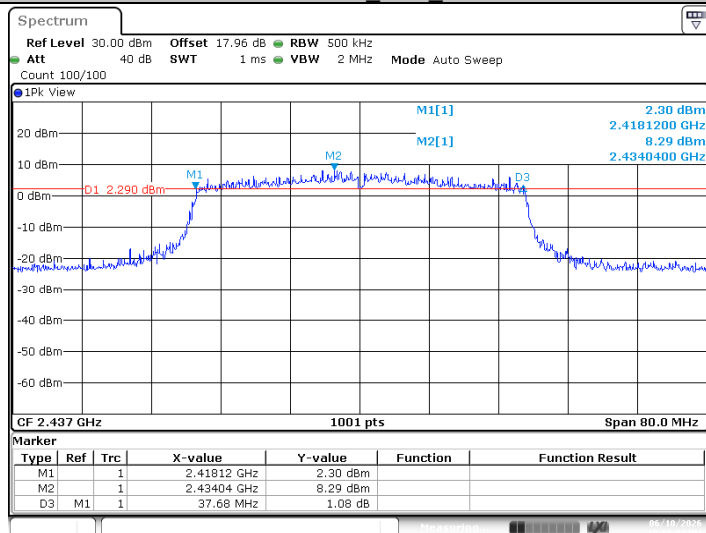
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11AX40SISO_Ant1_2422



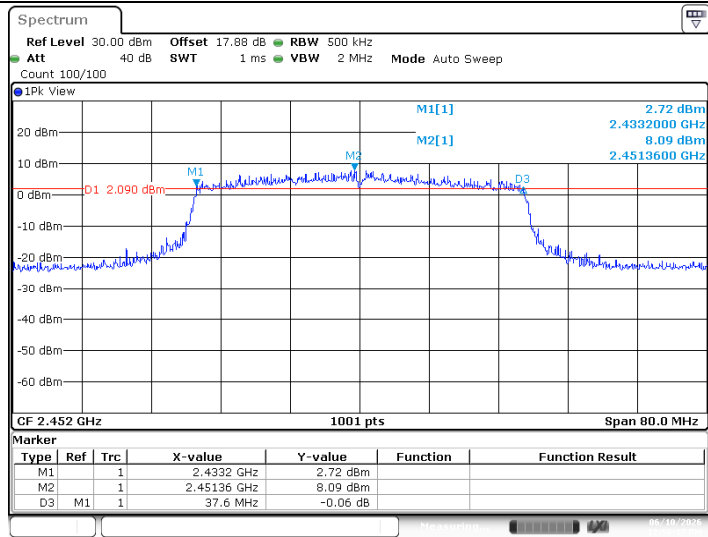
Date: 10.JUN.2026 12:46:48

11AX40SISO_Ant1_2437



Date: 10.JUN.2026 12:50:03

11AX40SISO_Ant1_2452



Date: 10.JUN.2026 12:56:38

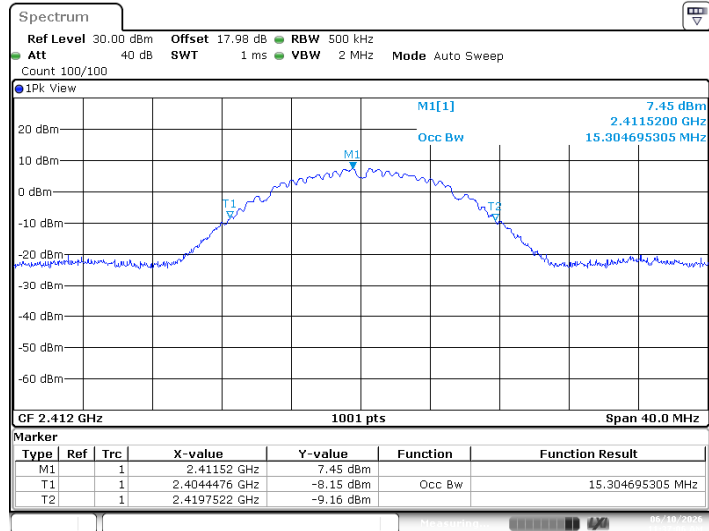
Appendix B.2: Test Results of 99% Bandwidth

Test Result

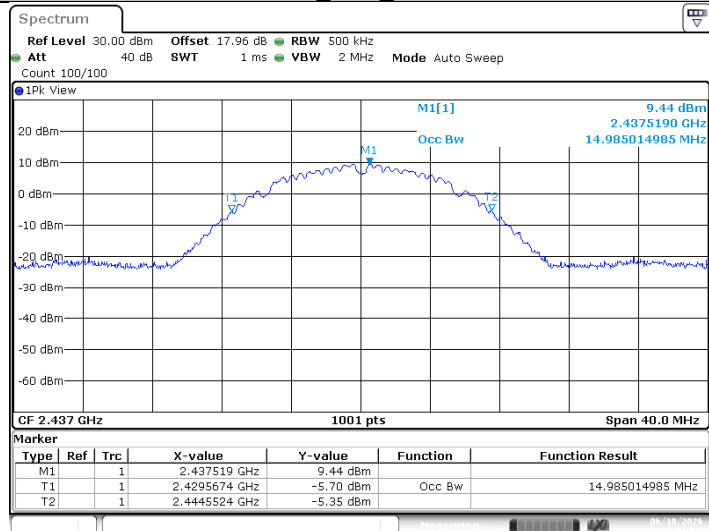
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.305	2404.4476	2419.7522	---	PASS
		2437	14.985	2429.5674	2444.5524	---	PASS
		2462	15.664	2454.2078	2469.8721	---	PASS
11G	Ant1	2412	18.222	2402.8092	2421.0310	---	PASS
		2437	18.062	2427.9690	2446.0310	---	PASS
		2462	18.302	2452.8492	2471.1508	---	PASS
11N20SISO	Ant1	2412	19.500	2402.2897	2421.7902	---	PASS
		2437	19.461	2427.2897	2446.7502	---	PASS
		2462	19.500	2452.2498	2471.7502	---	PASS
11N40SISO	Ant1	2422	38.521	2402.8192	2441.3407	---	PASS
		2437	38.202	2417.8991	2456.1009	---	PASS
		2452	38.202	2442.6494	2480.8511	---	PASS
11AX20SISO	Ant1	2412	19.421	2402.3297	2421.7502	---	PASS
		2437	19.580	2427.2498	2446.8302	---	PASS
		2462	19.580	2452.2098	2471.7902	---	PASS
11AX40SISO	Ant1	2422	38.521	2402.8192	2441.3407	---	PASS
		2437	38.521	2417.7393	2456.2607	---	PASS
		2452	38.521	2432.7393	2471.2607	---	PASS

Test Graphs

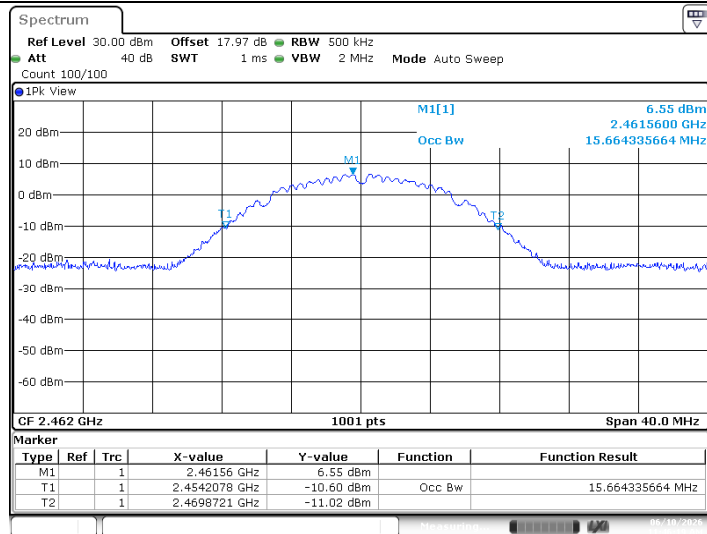
11B_Ant1_2412



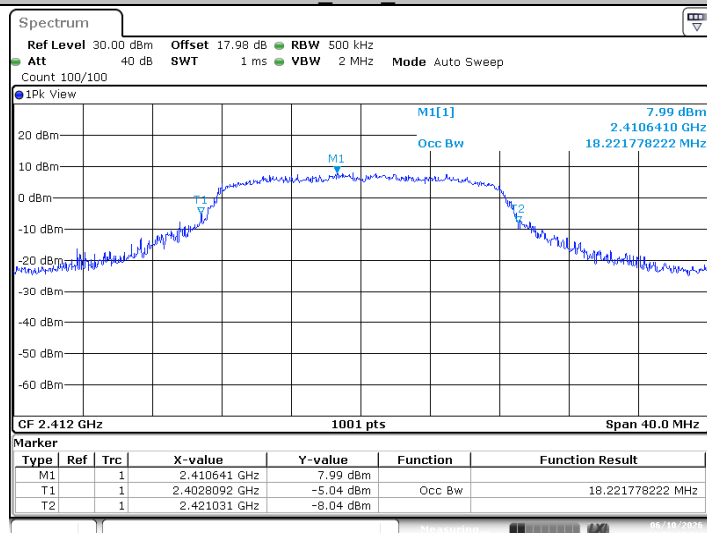
11B_Ant1_2437



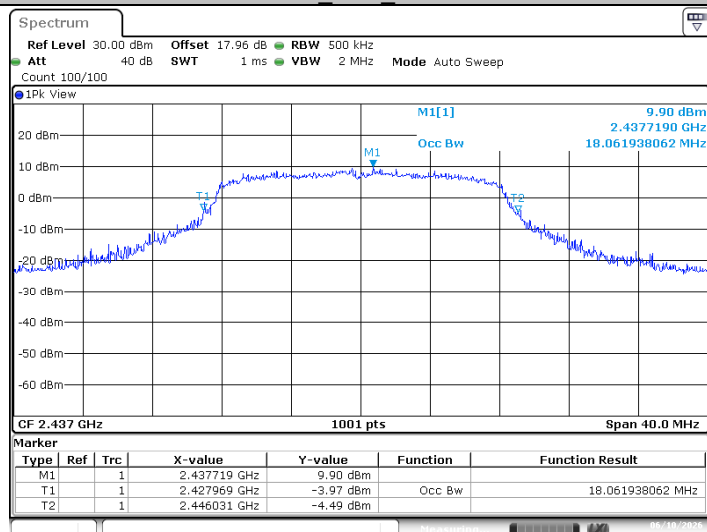
11B_Ant1_2462



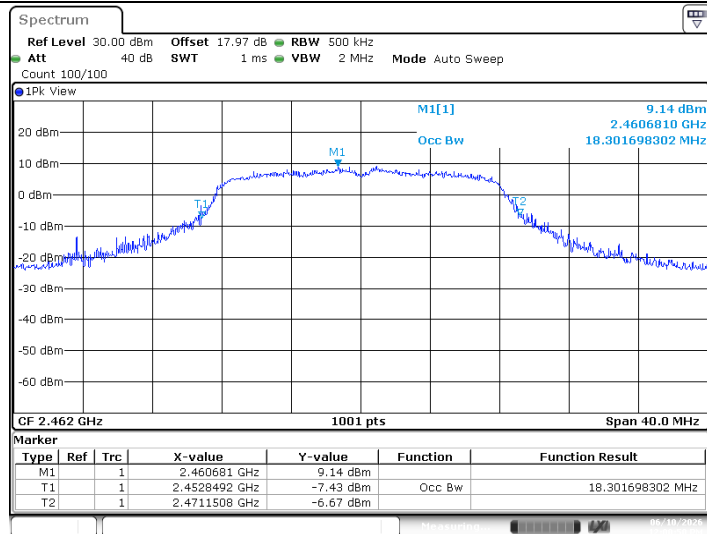
11G Ant1_2412



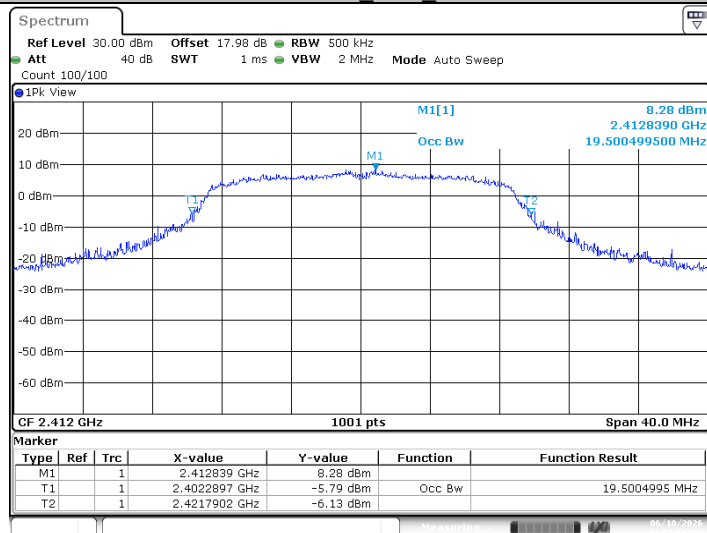
11G Ant1_2437



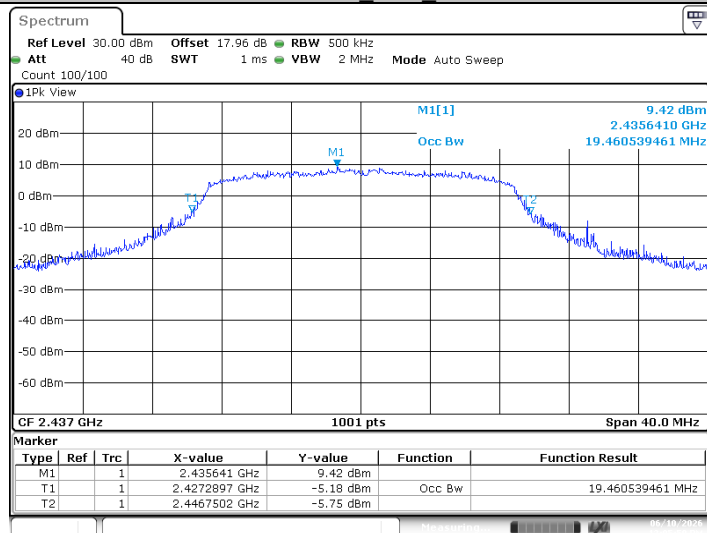
11G Ant1_2462



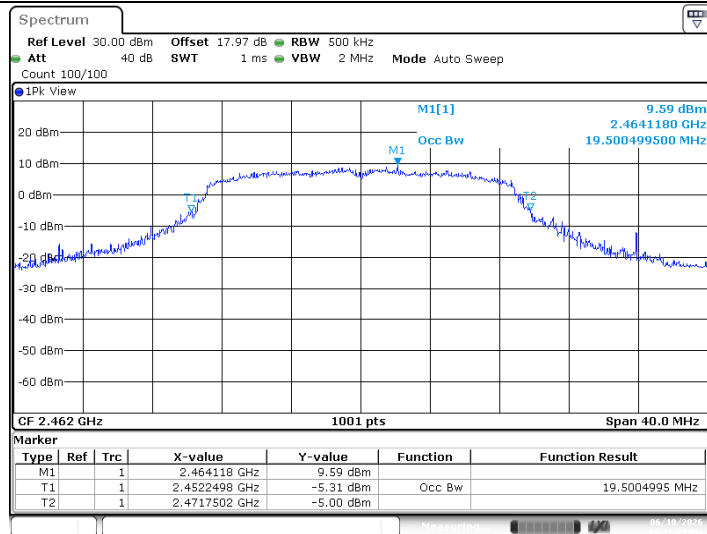
11N20SISO Ant1 2412



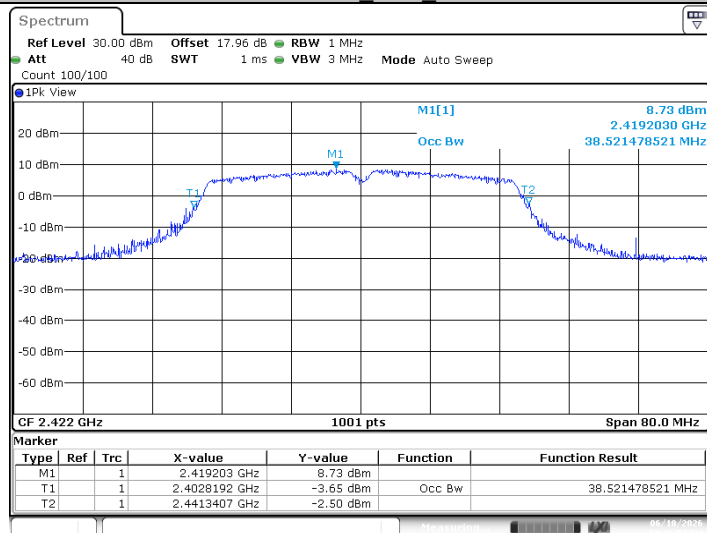
11N20SISO Ant1 2437



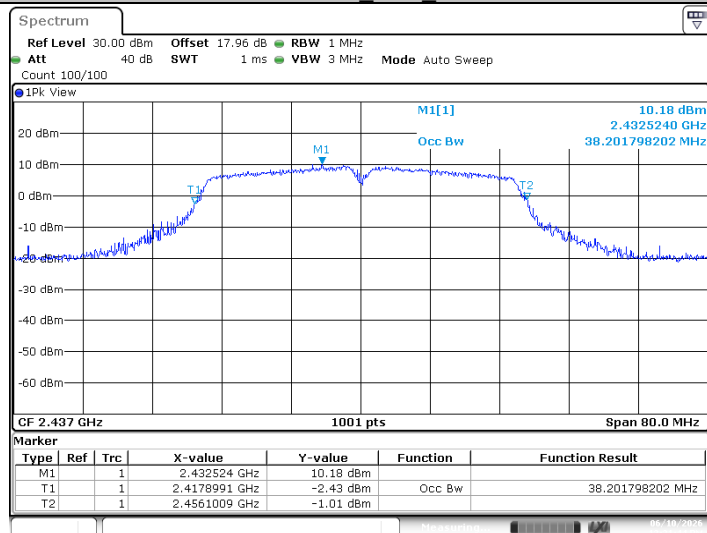
11N20SISO Ant1 2462



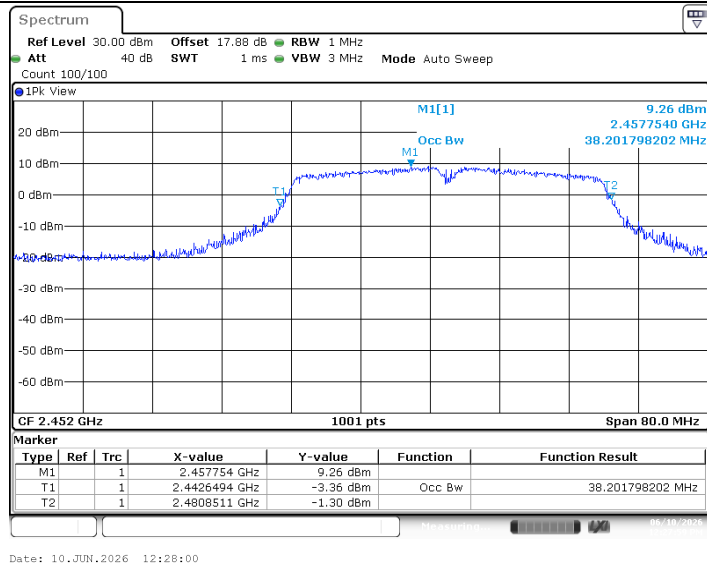
11N40SISO Ant1 2422



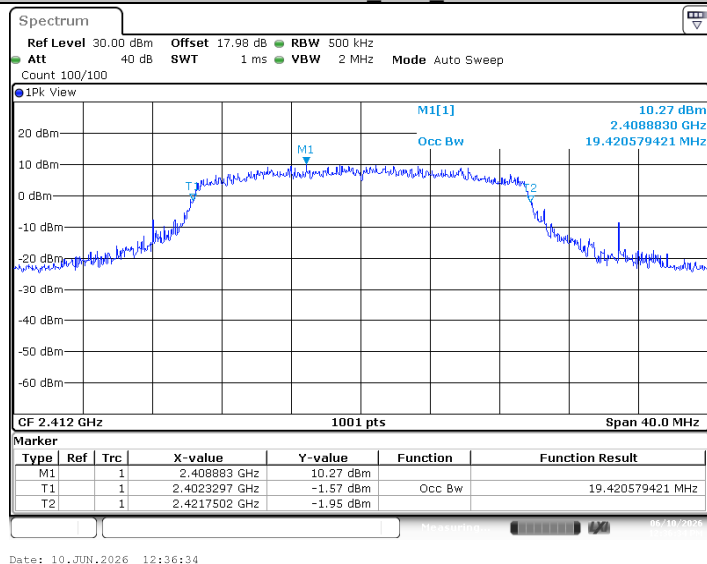
11N40SISO Ant1 2437



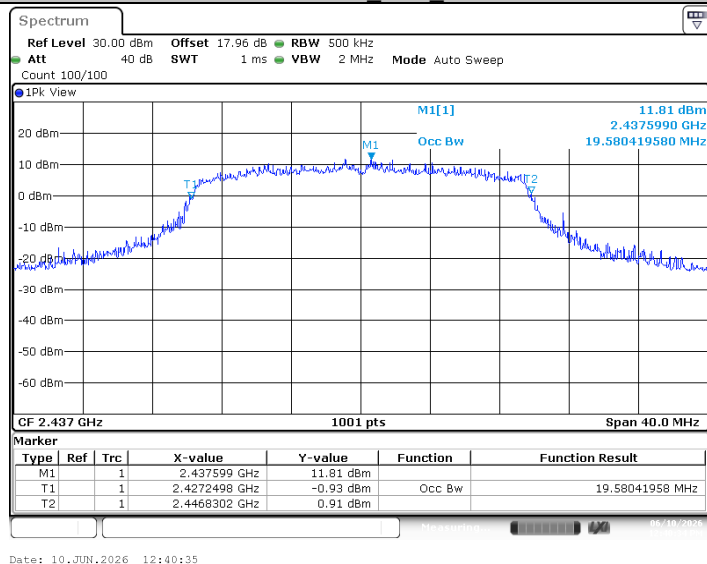
11N40SISO Ant1 2452



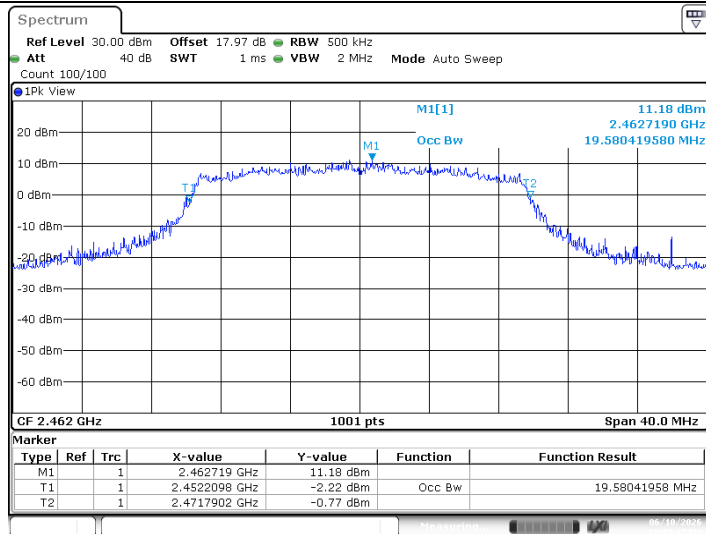
11AX20SISO_Ant1_2412



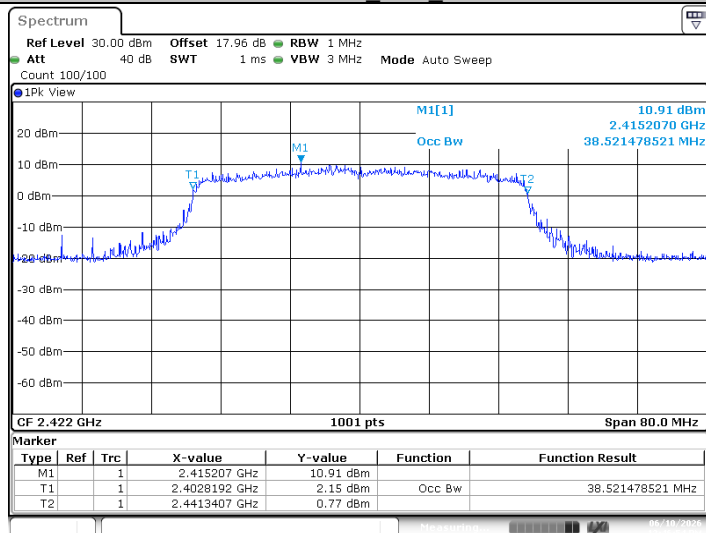
11AX20SISO_Ant1_2437



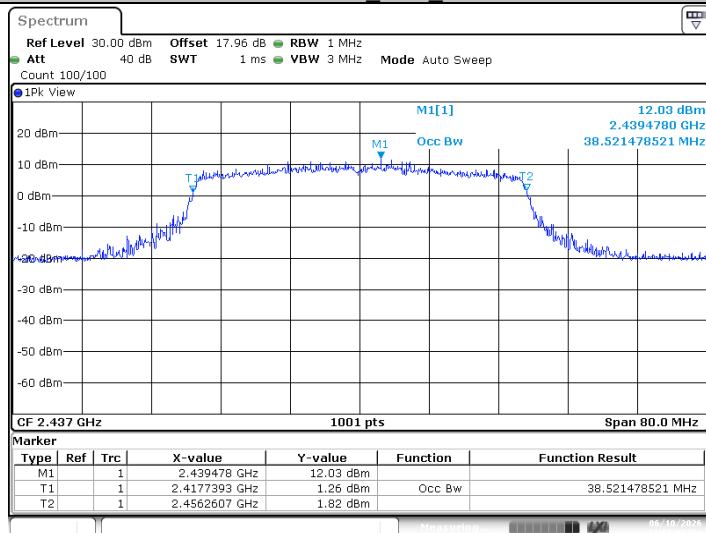
11AX20SISO_Ant1_2462



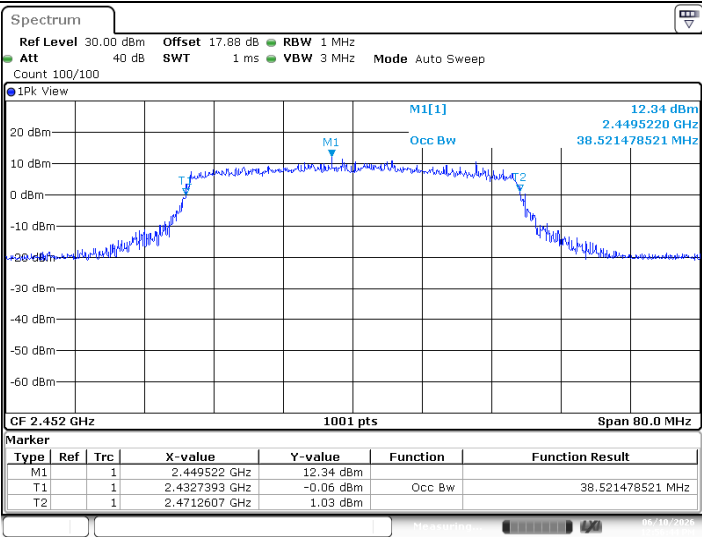
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



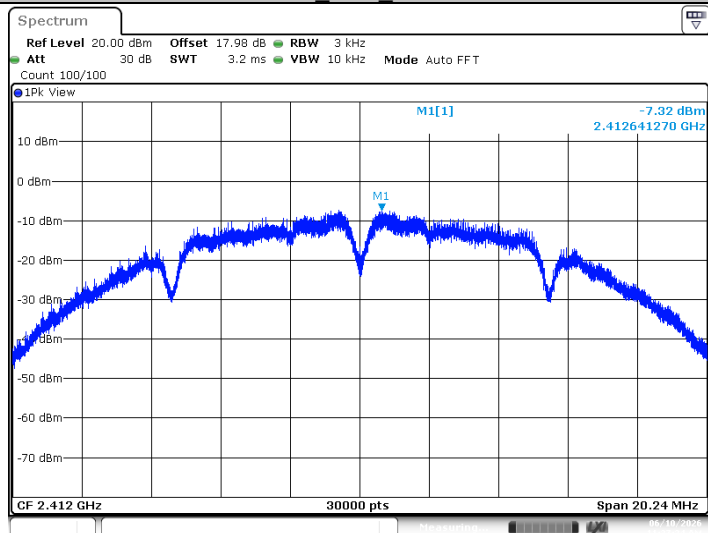
Appendix B.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.32	≤8.00	PASS
		2437	-7.46	≤8.00	PASS
		2462	-7.67	≤8.00	PASS
11G	Ant1	2412	-9.34	≤8.00	PASS
		2437	-9.57	≤8.00	PASS
		2462	-10.06	≤8.00	PASS
11N20SISO	Ant1	2412	-10.00	≤8.00	PASS
		2437	-9.88	≤8.00	PASS
		2462	-9.44	≤8.00	PASS
11N40SISO	Ant1	2422	-14.15	≤8.00	PASS
		2437	-12.10	≤8.00	PASS
		2452	-13.92	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.21	≤8.00	PASS
		2437	-10.64	≤8.00	PASS
		2462	-10.34	≤8.00	PASS
11AX40SISO	Ant1	2422	-12.69	≤8.00	PASS
		2437	-13.61	≤8.00	PASS
		2452	-13.40	≤8.00	PASS

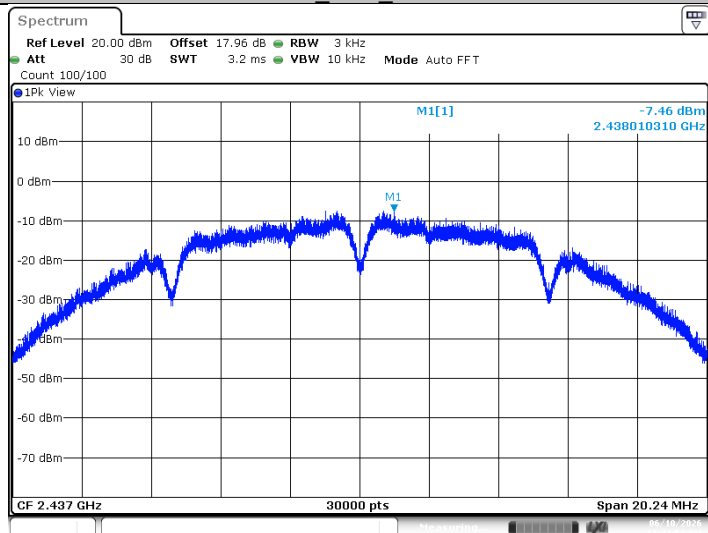
Test Graphs

11B_Ant1_2412



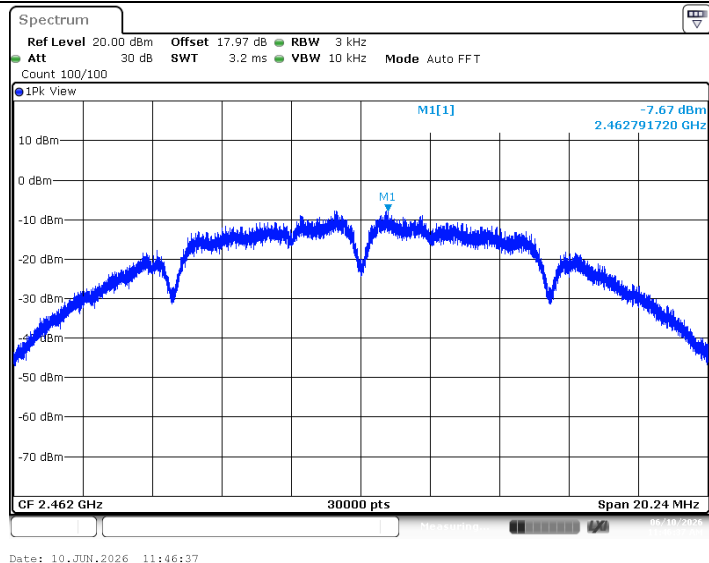
Date: 10.JUN.2026 11:37:24

11B_Ant1_2437

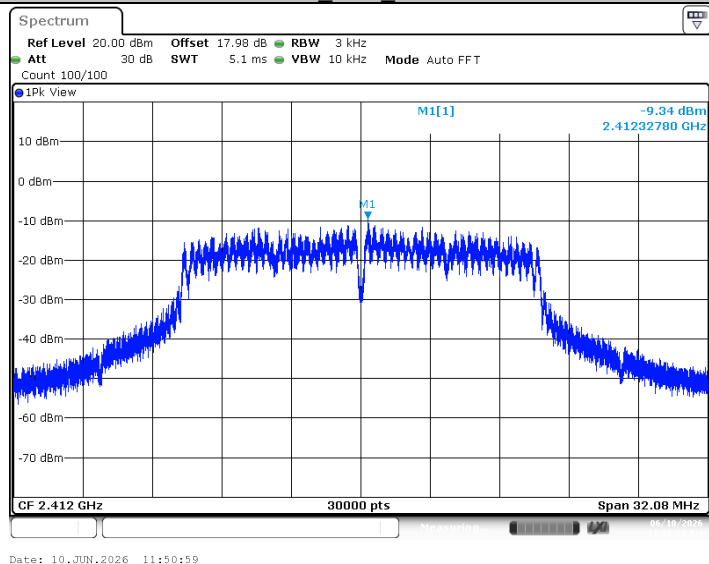


Date: 10.JUN.2026 11:44:53

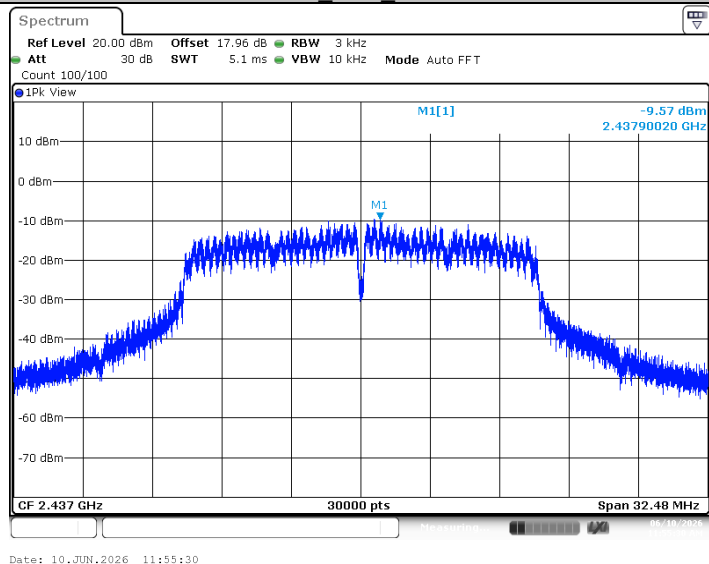
11B_Ant1_2462



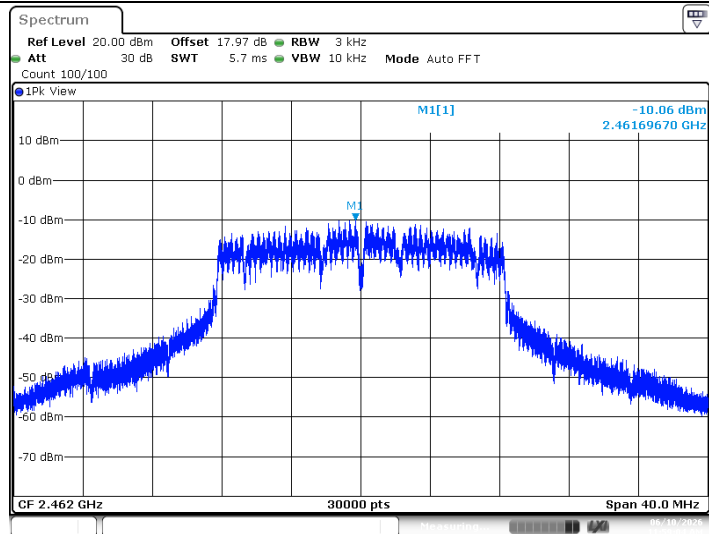
11G_Ant1_2412



11G_Ant1_2437

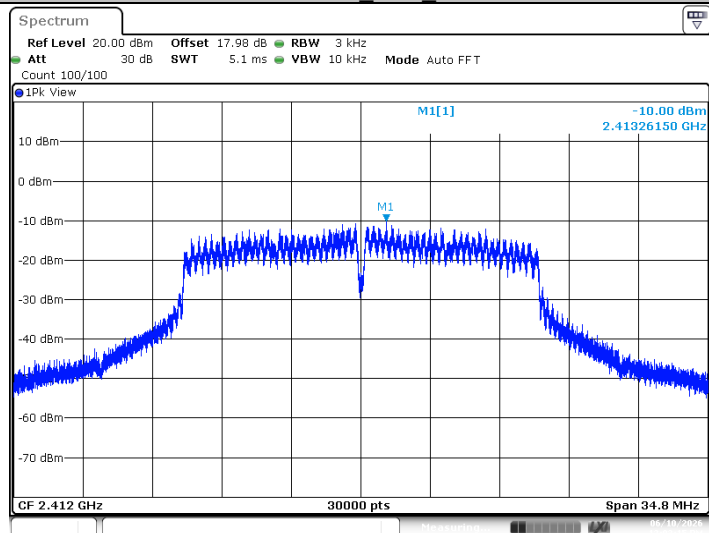


11G_Ant1_2462



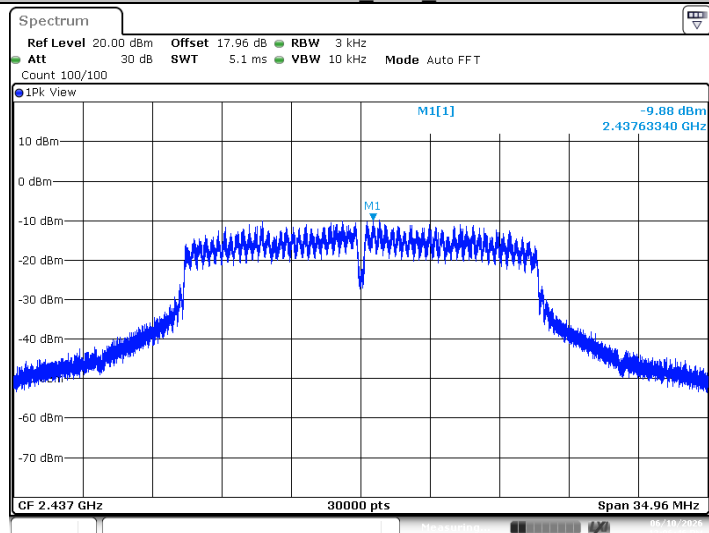
Date: 10.JUN.2026 11:59:04

11N20SISO Ant1 2412



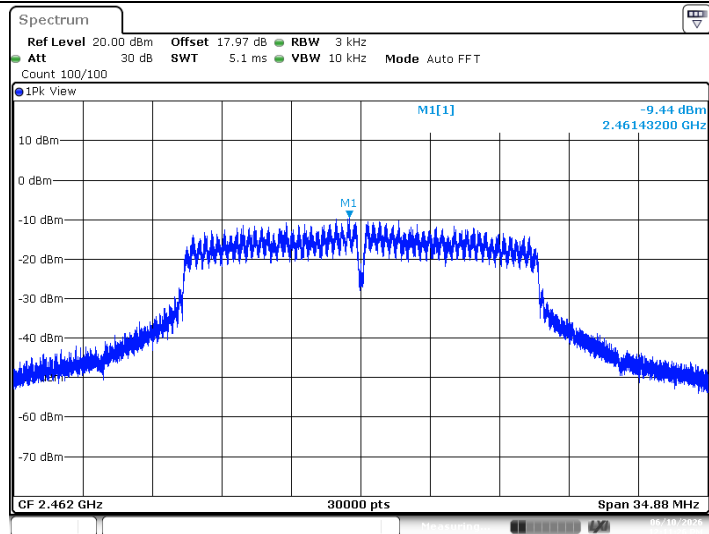
Date: 10.JUN.2026 12:03:16

11N20SISO Ant1 2437



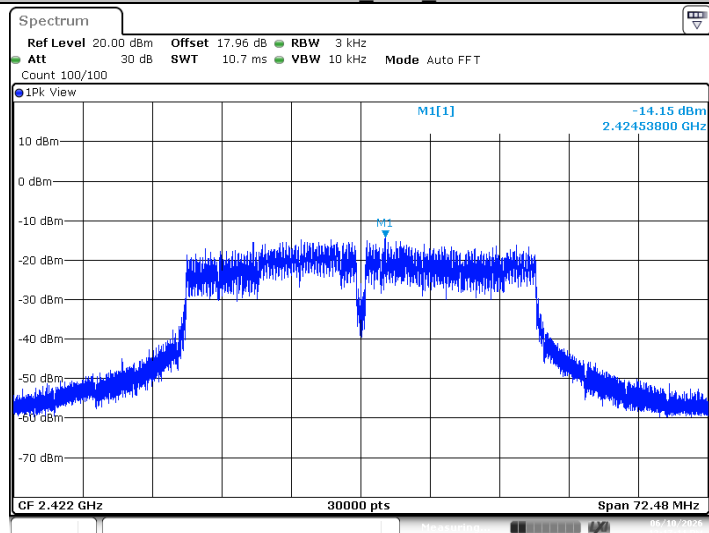
Date: 10.JUN.2026 12:06:47

11N20SISO Ant1 2462



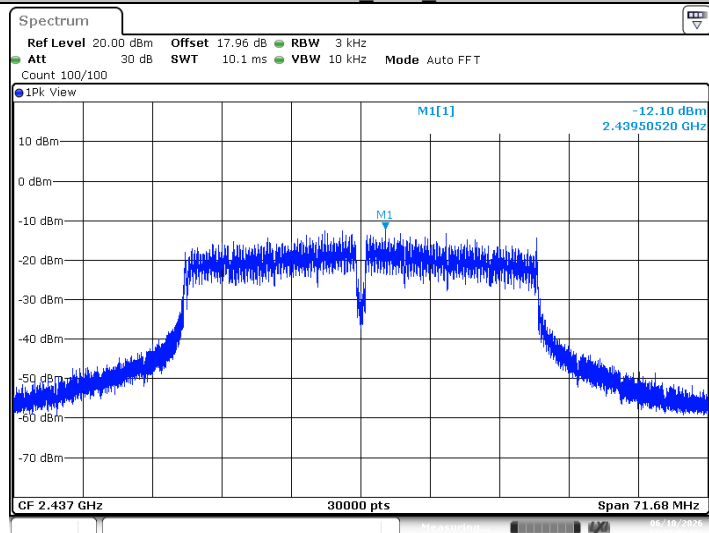
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11N40SISO Ant1 2422



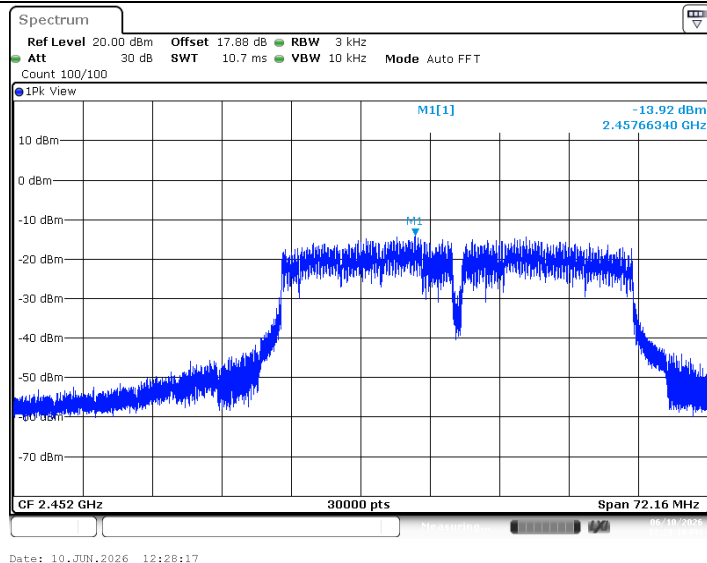
Date: 10.JUN.2026 12:17:11

11N40SISO Ant1 2437

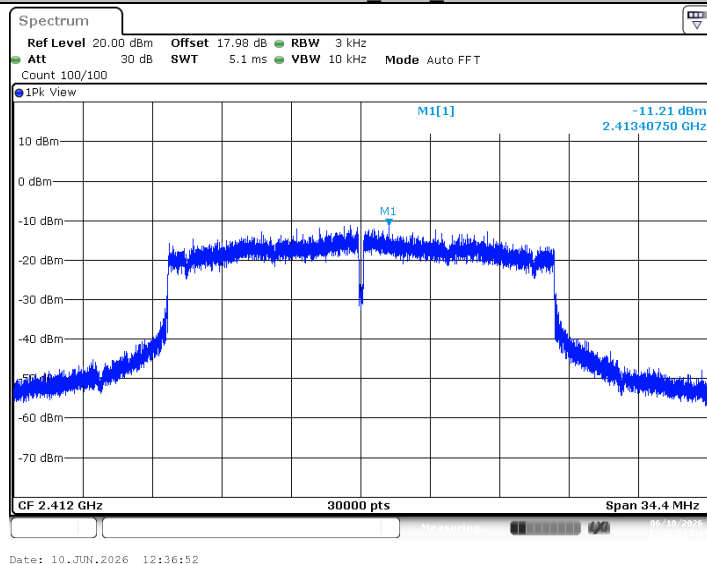


Date: 10.JUN.2026 12:22:03

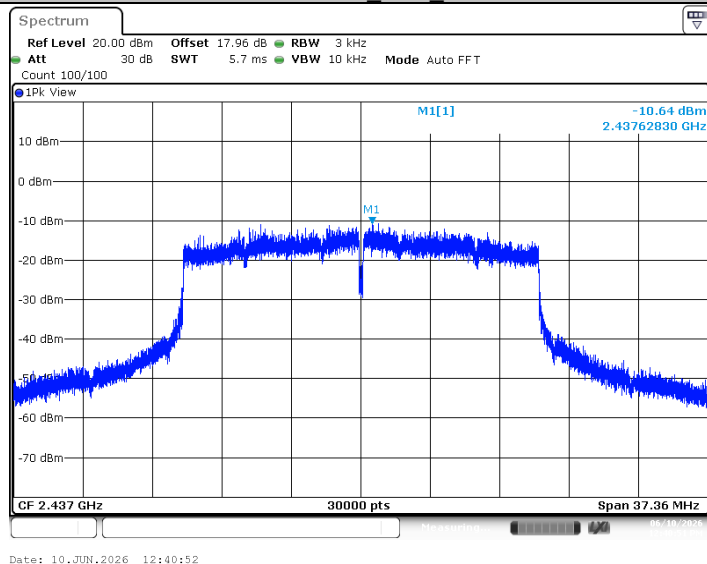
11N40SISO Ant1 2452



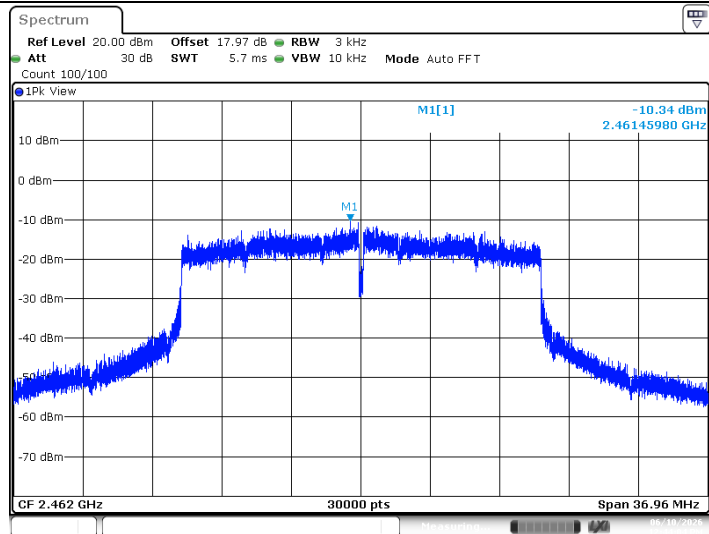
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437

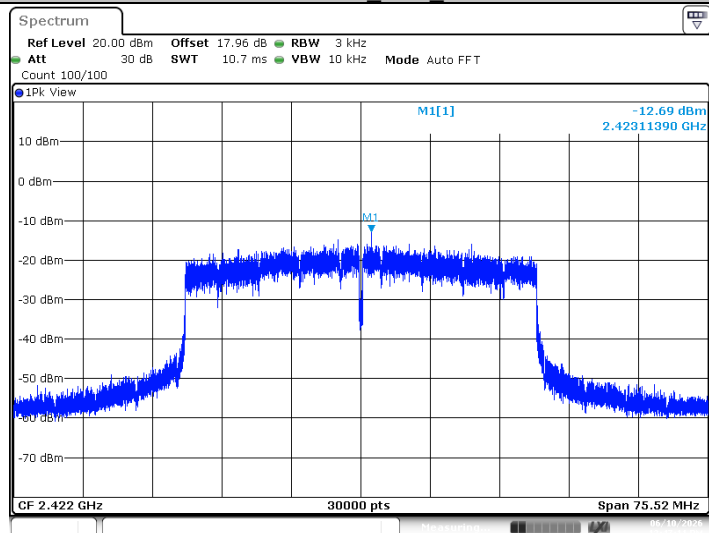


11AX20SISO_Ant1_2462



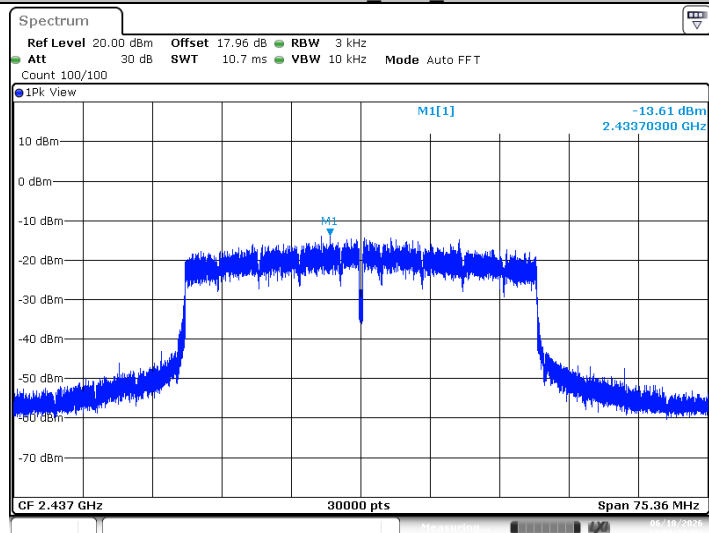
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11AX40SISO_Ant1_2422



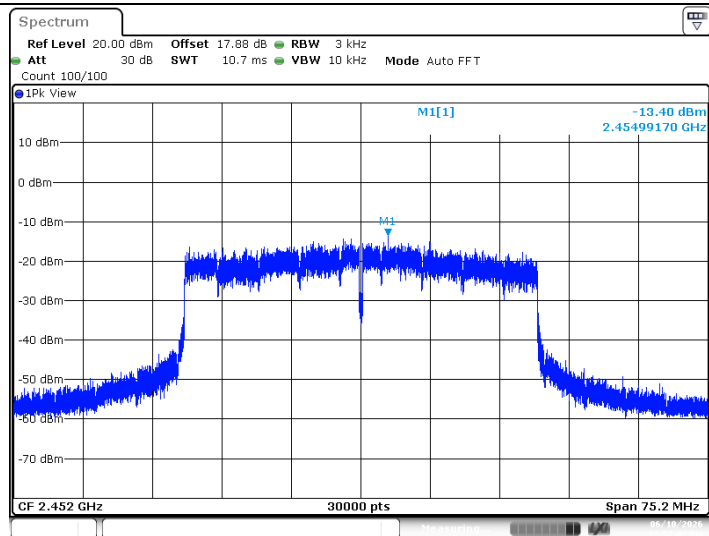
Date: 10.JUN.2026 12:47:11

11AX40SISO_Ant1_2437



Date: 10.JUN.2026 12:50:28

11AX40SISO_Ant1_2452



Date: 10.JUN.2026 12:57:03

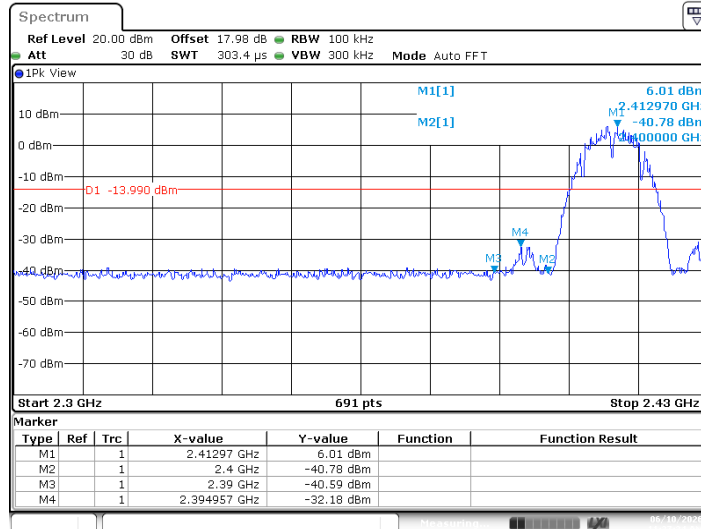
Appendix B.4: Test Results of Band Edge Measurements

Test Result

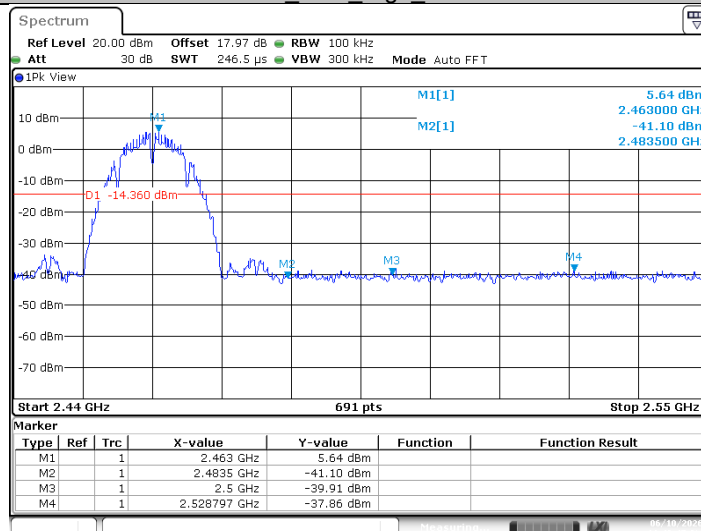
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.01	-32.18	≤-13.99	PASS
		High	2462	5.64	-37.86	≤-14.36	PASS
11G	Ant1	Low	2412	0.45	-27.83	≤-19.55	PASS
		High	2462	1.26	-38.13	≤-18.74	PASS
11N20SISO	Ant1	Low	2412	0.30	-25.82	≤-19.7	PASS
		High	2462	0.97	-37.12	≤-19.03	PASS
11N40SISO	Ant1	Low	2422	-2.48	-30.55	≤-22.48	PASS
		High	2452	0.47	-27.96	≤-19.53	PASS
11AX20SISO	Ant1	Low	2412	0.35	-28.46	≤-19.65	PASS
		High	2462	2.33	-38.61	≤-17.67	PASS
11AX40SISO	Ant1	Low	2422	-1.98	-32.55	≤-21.98	PASS
		High	2452	0.67	-38.54	≤-19.33	PASS

Test Graphs

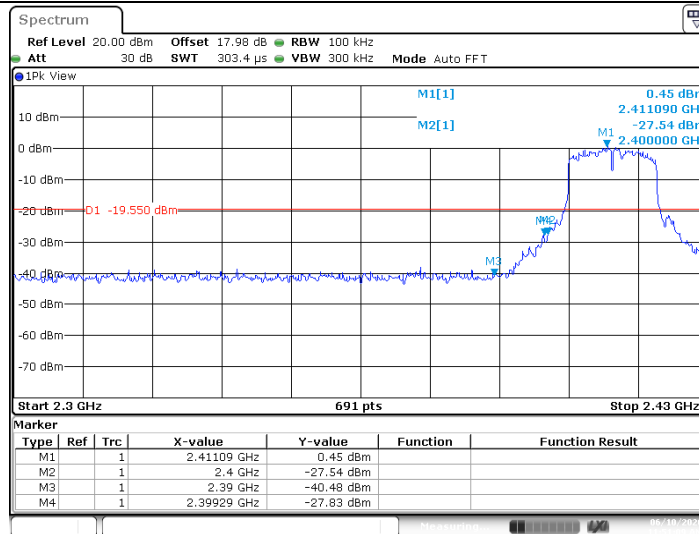
11B_Ant1_Low_2412



11B_Ant1_High_2462

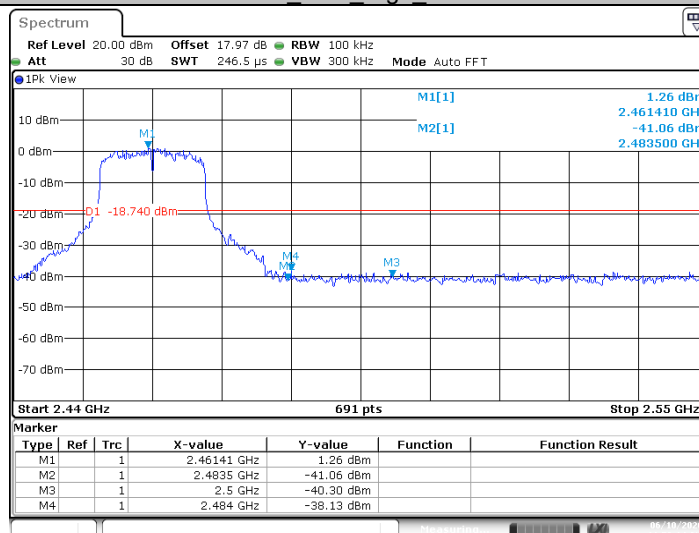


11G_Ant1_Low_2412



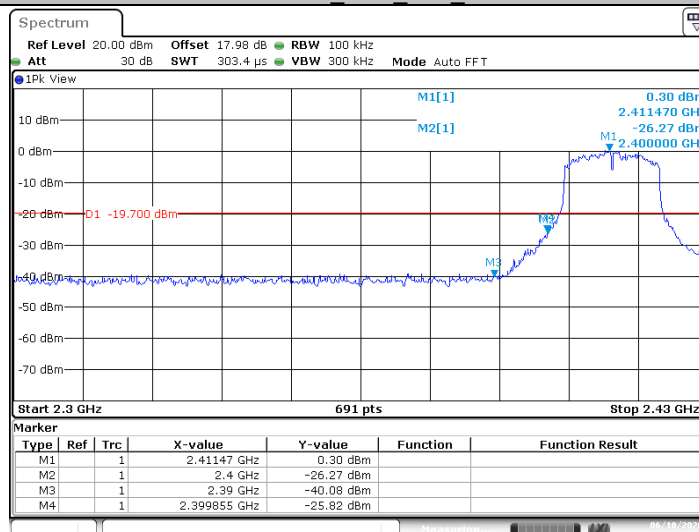
Date: 10.JUN.2026 11:51:09

11G Ant1 High 2462



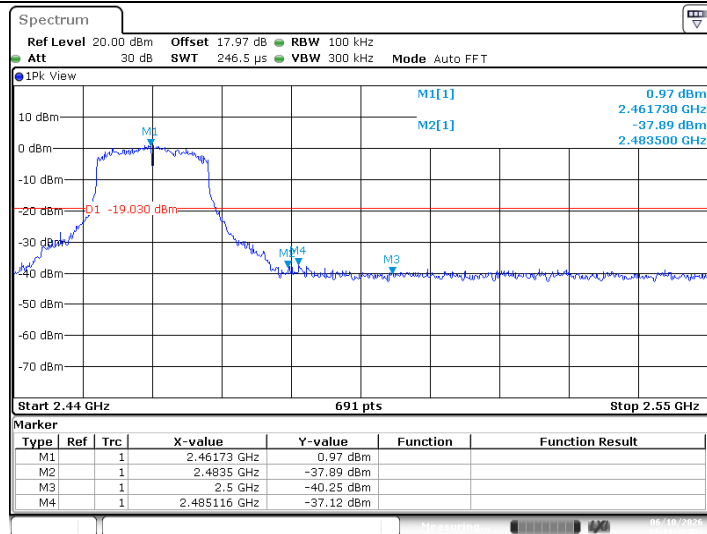
Date: 10.JUN.2026 11:59:14

11N20SISO Ant1 Low 2412



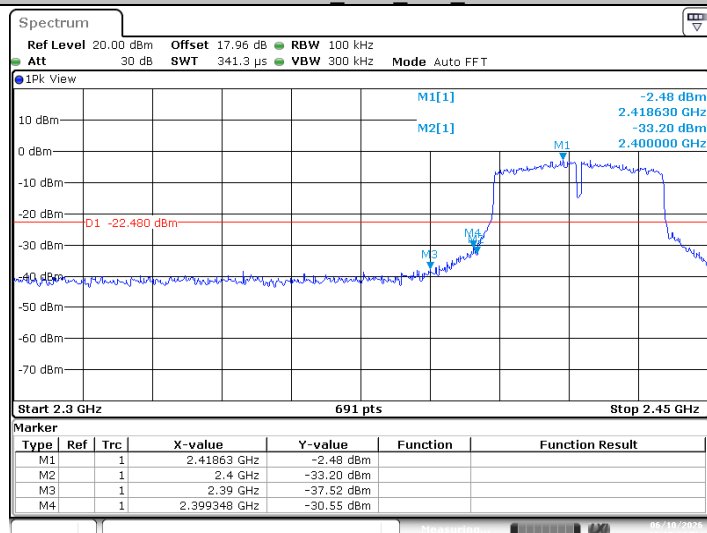
Date: 10.JUN.2026 12:03:26

11N20SISO Ant1 High 2462



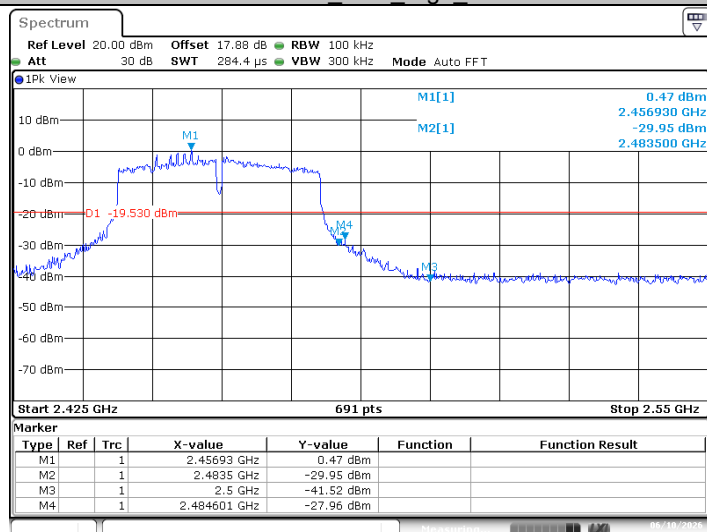
Date: 10.JUN.2026 12:11:37

11N40SISO Ant1 Low 2422



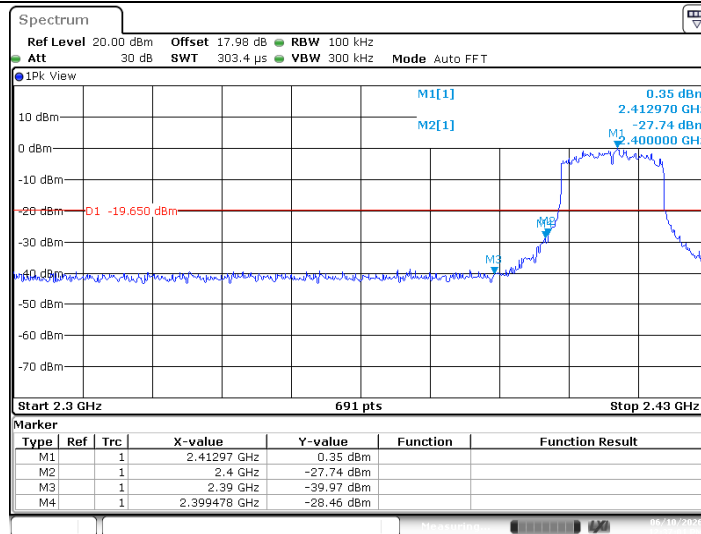
Date: 10.JUN.2026 12:17:21

11N40SISO Ant1 High 2452



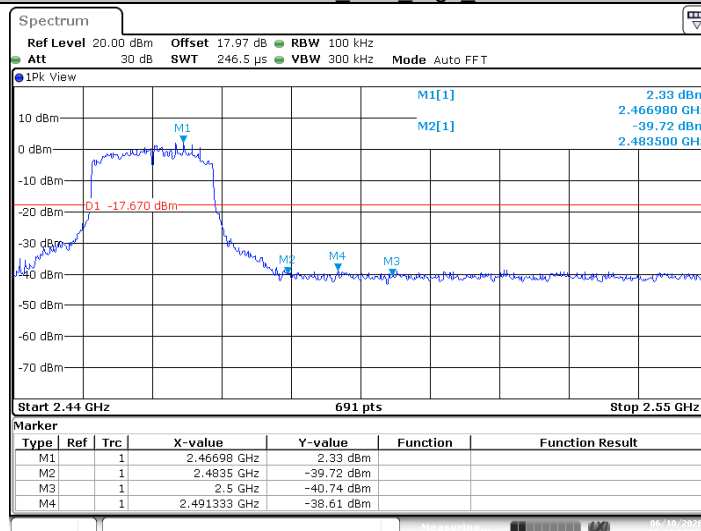
Date: 10.JUN.2026 12:28:27

11AX20SISO Ant1 Low 2412



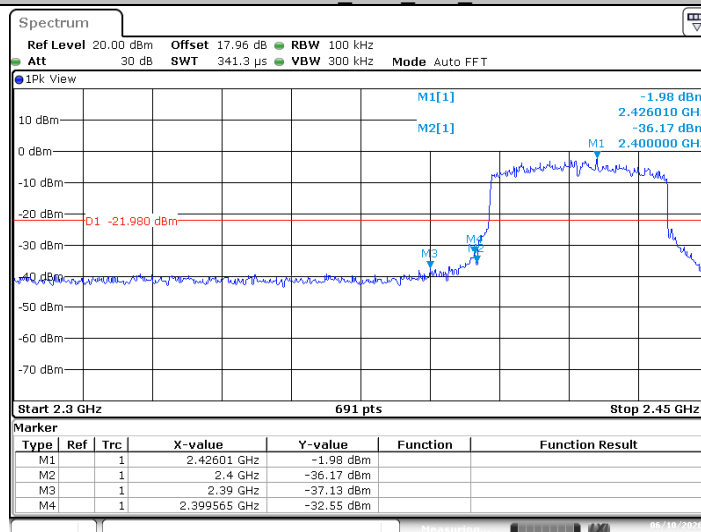
Date: 10.JUN.2026 12:37:02

11AX20SISO Ant1 High 2462



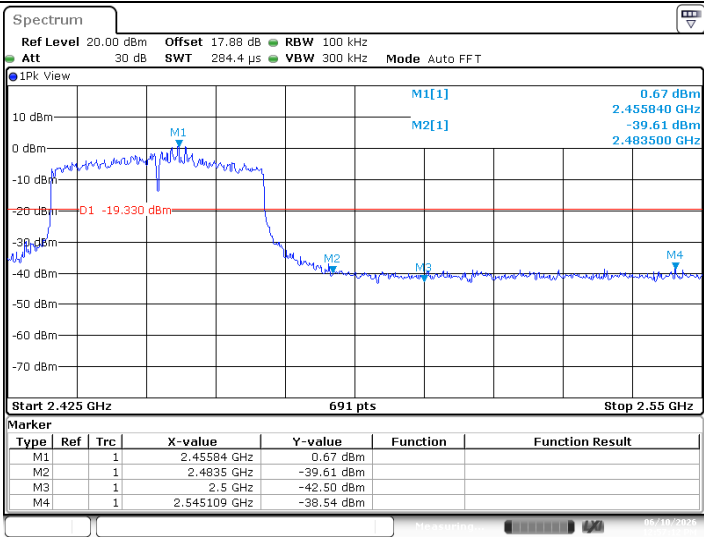
Date: 10.JUN.2026 12:44:15

11AX40SISO Ant1 Low 2422



Date: 10.JUN.2026 12:47:22

11AX40SISO Ant1 High 2452



Date: 10.JUN.2026 12:57:13

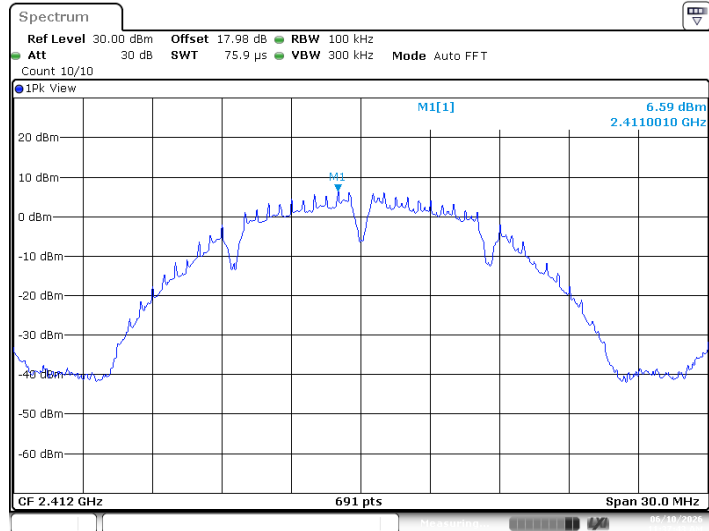
Appendix B.5: Test Results of Conducted Spurious Emissions

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.59	6.59	---	PASS
			30~1000	6.59	-48.33	≤-13.41	PASS
			1000~26500	6.59	-42.87	≤-13.41	PASS
		2437	Reference	8.99	8.99	---	PASS
			30~1000	8.99	-48.14	≤-11.01	PASS
			1000~26500	8.99	-41.08	≤-11.01	PASS
		2462	Reference	5.95	5.95	---	PASS
			30~1000	5.95	-48.32	≤-14.05	PASS
			1000~26500	5.95	-41.22	≤-14.05	PASS
11G	Ant1	2412	Reference	1.98	1.98	---	PASS
			30~1000	1.98	-48.06	≤-18.02	PASS
			1000~26500	1.98	-42.53	≤-18.02	PASS
		2437	Reference	4.02	4.02	---	PASS
			30~1000	4.02	-48.91	≤-15.98	PASS
			1000~26500	4.02	-42.53	≤-15.98	PASS
		2462	Reference	4.16	4.16	---	PASS
			30~1000	4.16	-48.64	≤-15.84	PASS
			1000~26500	4.16	-41.99	≤-15.84	PASS
11N20SISO	Ant1	2412	Reference	3.35	3.35	---	PASS
			30~1000	3.35	-48.98	≤-16.65	PASS
			1000~26500	3.35	-41.81	≤-16.65	PASS
		2437	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-48.52	≤-15.39	PASS
			1000~26500	4.61	-42.75	≤-15.39	PASS
		2462	Reference	1.28	1.28	---	PASS
			30~1000	1.28	-48.35	≤-18.72	PASS
			1000~26500	1.28	-42.64	≤-18.72	PASS
11N40SISO	Ant1	2422	Reference	-1.13	-1.13	---	PASS
			30~1000	-1.13	-48.59	≤-21.13	PASS
			1000~26500	-1.13	-42.12	≤-21.13	PASS
		2437	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-48.99	≤-18.89	PASS
			1000~26500	1.11	-42.6	≤-18.89	PASS
		2452	Reference	0.63	0.63	---	PASS
			30~1000	0.63	-48.61	≤-19.37	PASS
			1000~26500	0.63	-42.82	≤-19.37	PASS
11AX20SISO	Ant1	2412	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-49.16	≤-16.78	PASS
			1000~26500	3.22	-42.61	≤-16.78	PASS
		2437	Reference	2.27	2.27	---	PASS
			30~1000	2.27	-48.71	≤-17.73	PASS
			1000~26500	2.27	-42.34	≤-17.73	PASS
		2462	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-48	≤-17.05	PASS
			1000~26500	2.95	-42.95	≤-17.05	PASS
11AX40SISO	Ant1	2422	Reference	0.10	0.10	---	PASS
			30~1000	0.10	-48.96	≤-19.9	PASS
			1000~26500	0.10	-42.72	≤-19.9	PASS
		2437	Reference	0.26	0.26	---	PASS
			30~1000	0.26	-48.89	≤-19.74	PASS
			1000~26500	0.26	-43.07	≤-19.74	PASS
		2452	Reference	-1.32	-1.32	---	PASS
			30~1000	-1.32	-48.38	≤-21.32	PASS
			1000~26500	-1.32	-43.12	≤-21.32	PASS

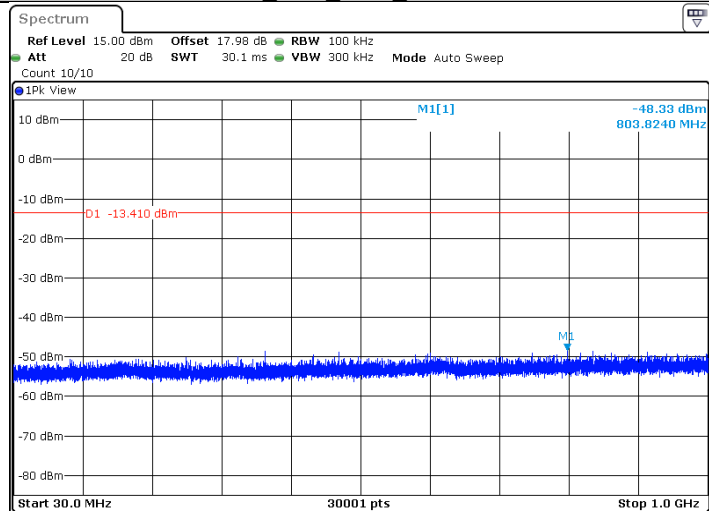
Test Graphs

11B_Ant1_2412_0~Reference



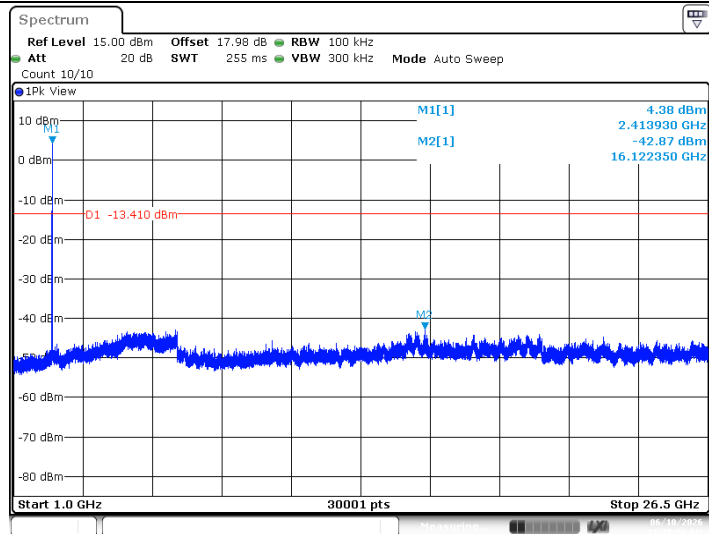
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11B_Ant1_2412_30~1000



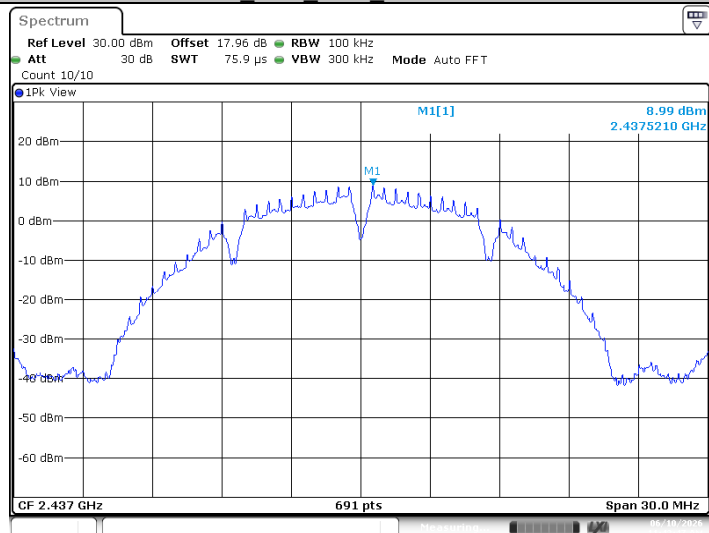
Date: 10.JUN.2026 11:37:58

11B_Ant1_2412_1000~26500



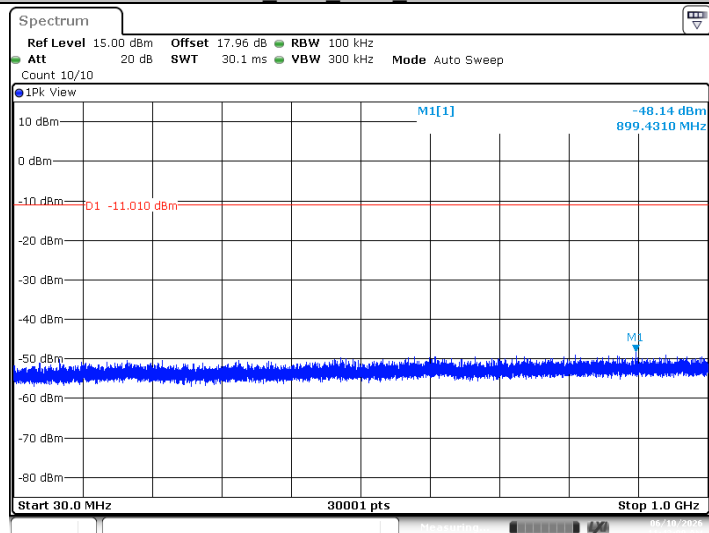
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11B_Ant1_2437_0~Reference



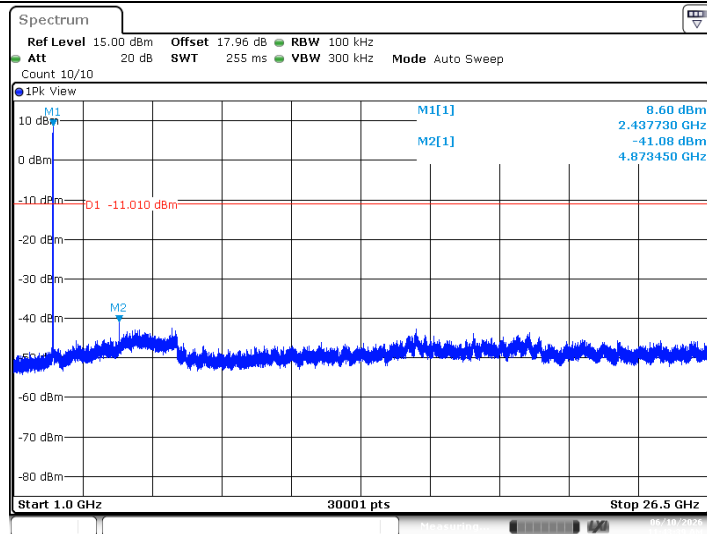
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11B_Ant1_2437_30~1000



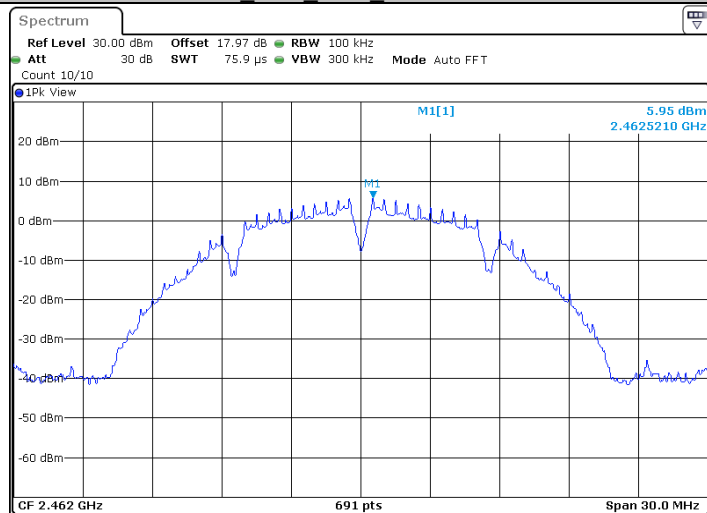
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11B_Ant1_2437_1000~26500



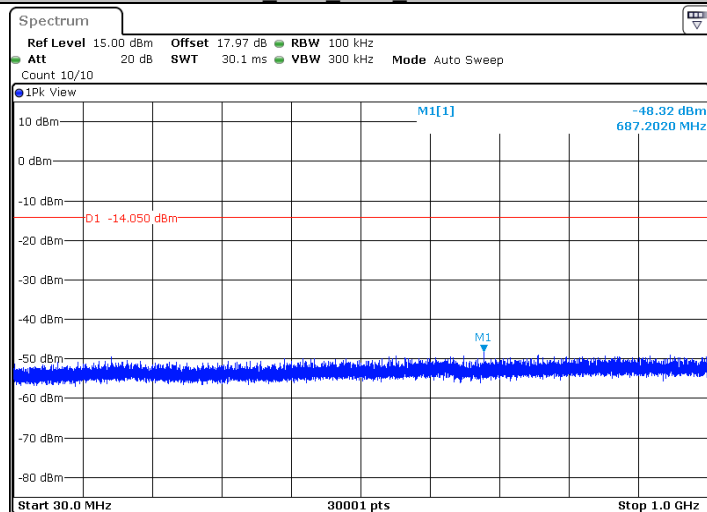
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11B_Ant1_2462_0~Reference



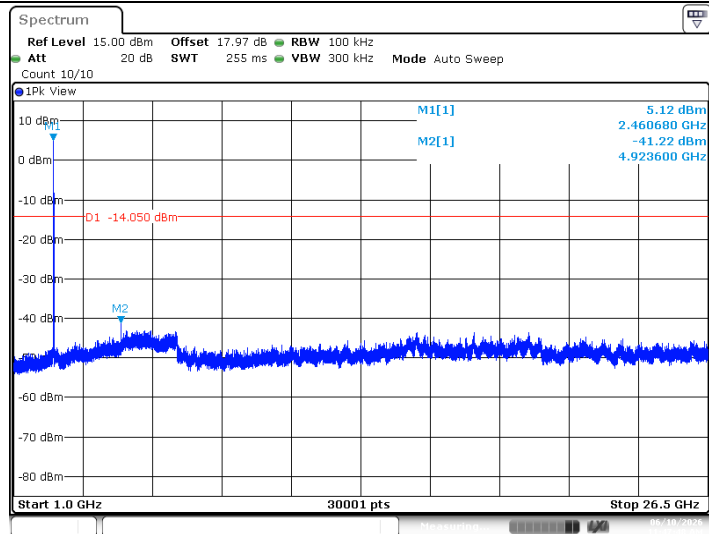
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11B_Ant1_2462_30~1000

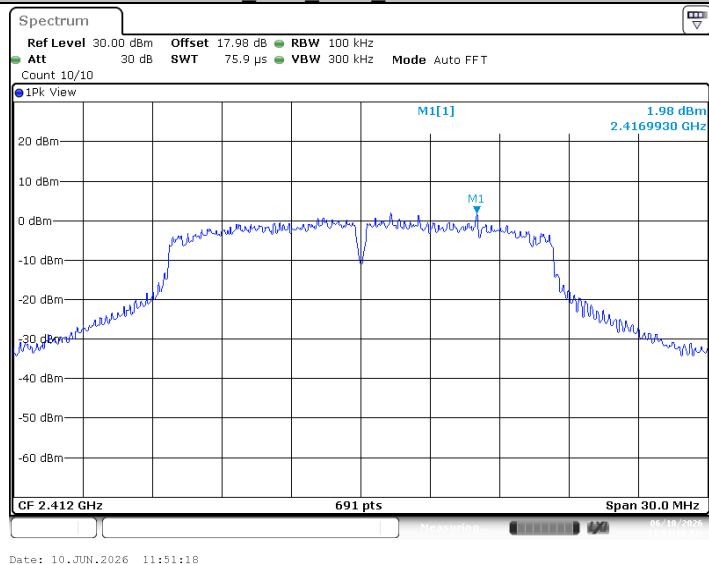


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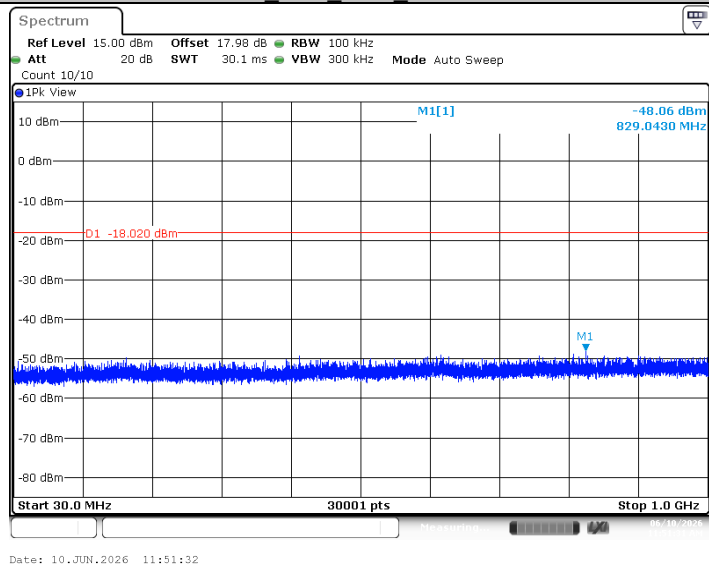
11B_Ant1_2462_1000~26500



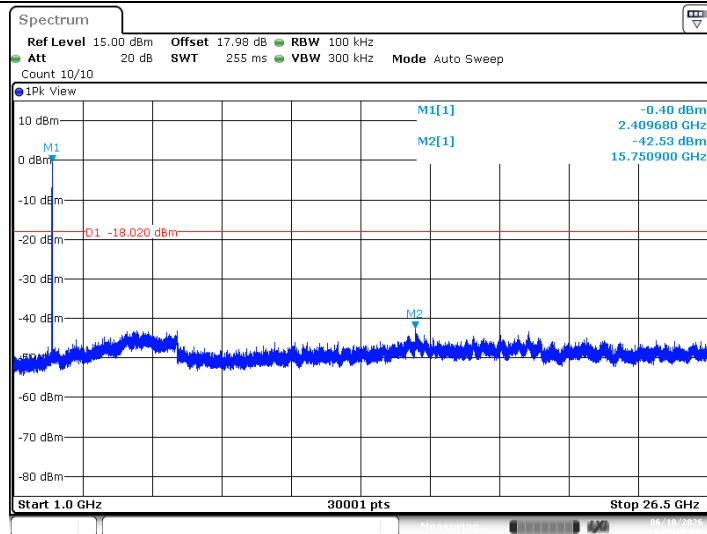
11G_Ant1_2412_0~Reference



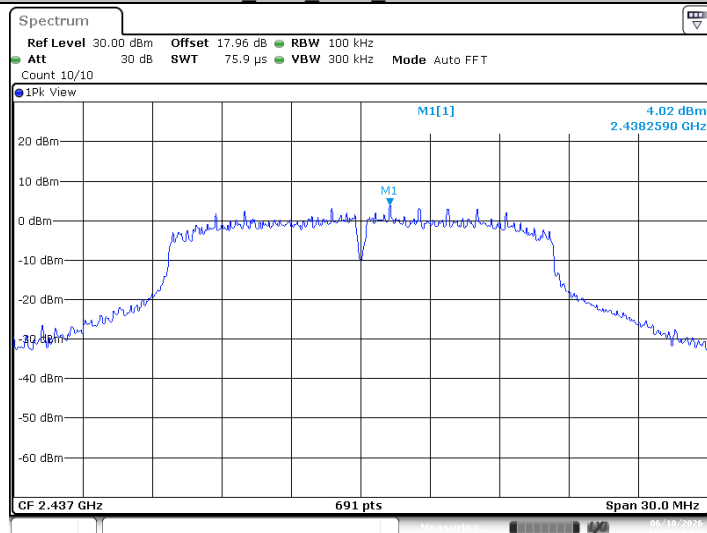
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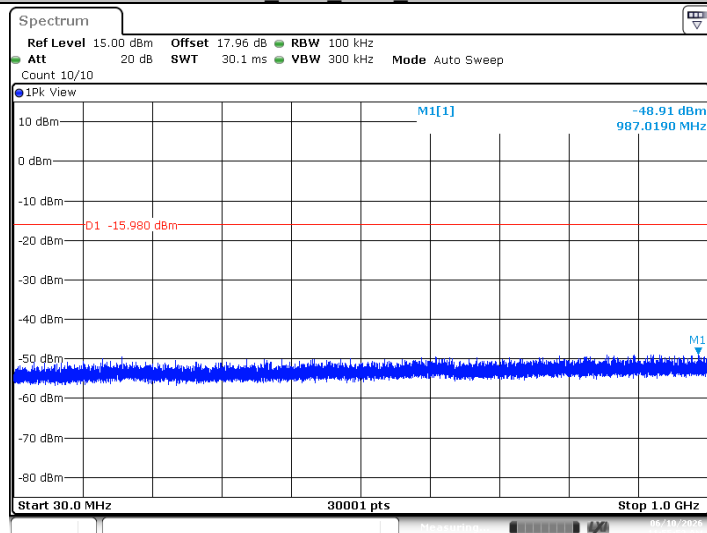
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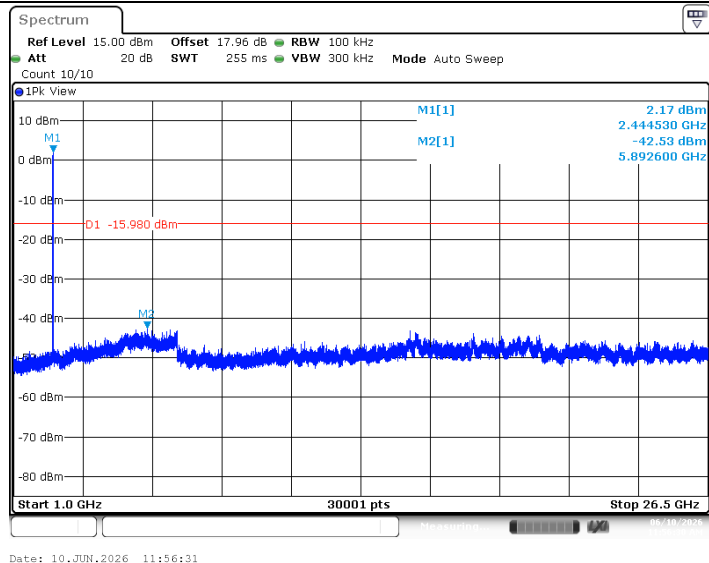
11G_Ant1_2437_0~Reference



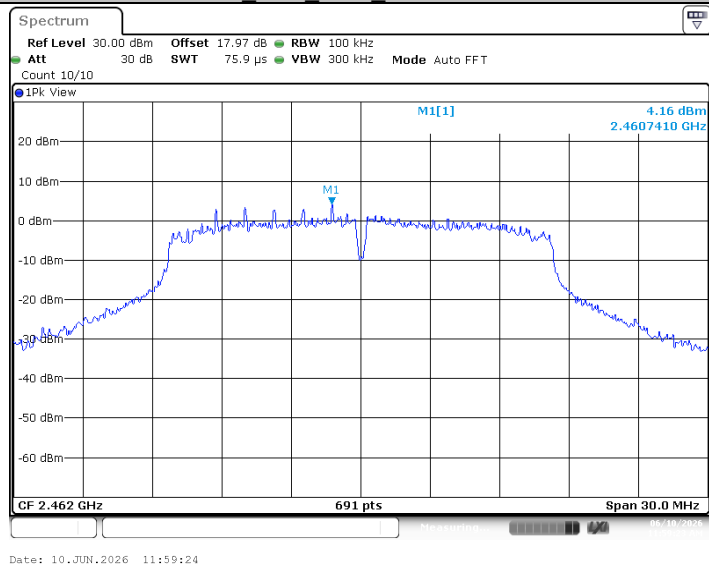
11G_Ant1_2437_30~1000



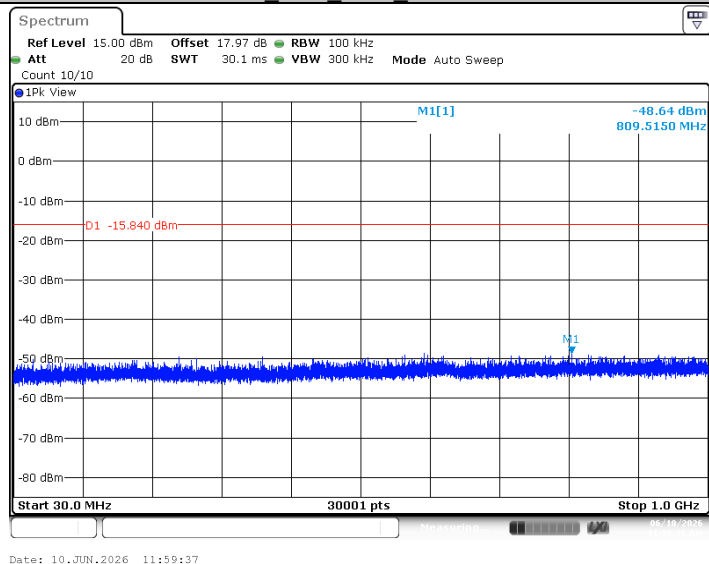
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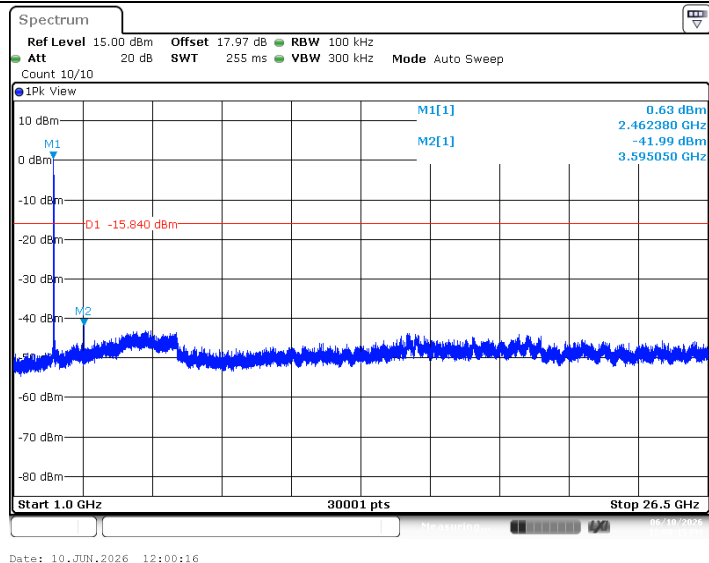
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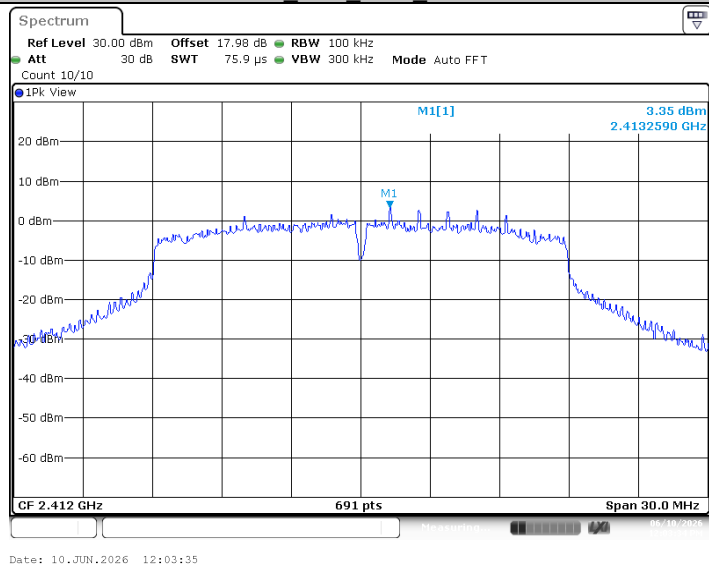
11G_Ant1_2462_30~1000



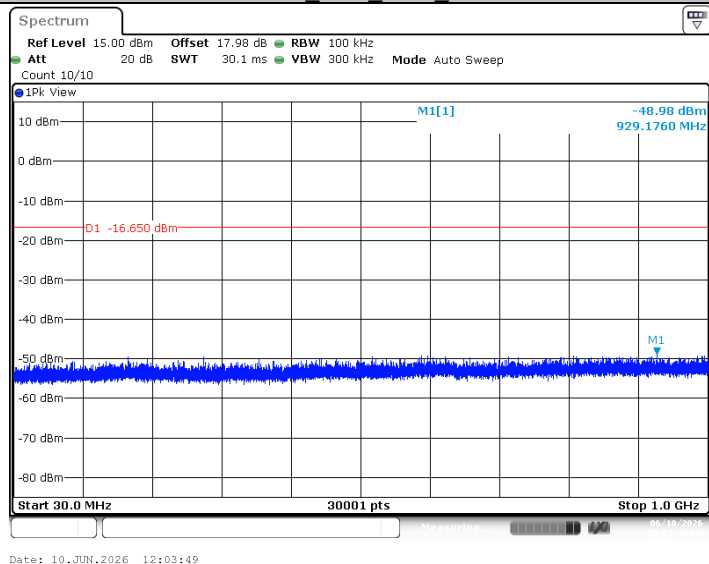
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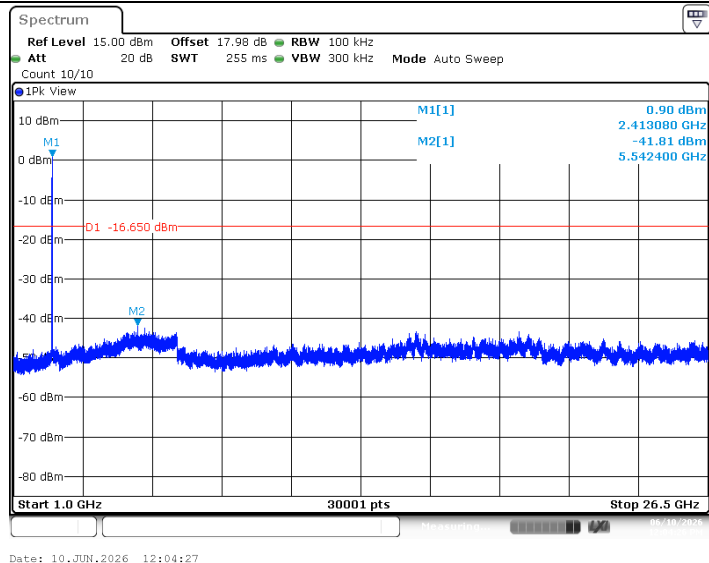
11N20SISO_Ant1_2412_0~Reference



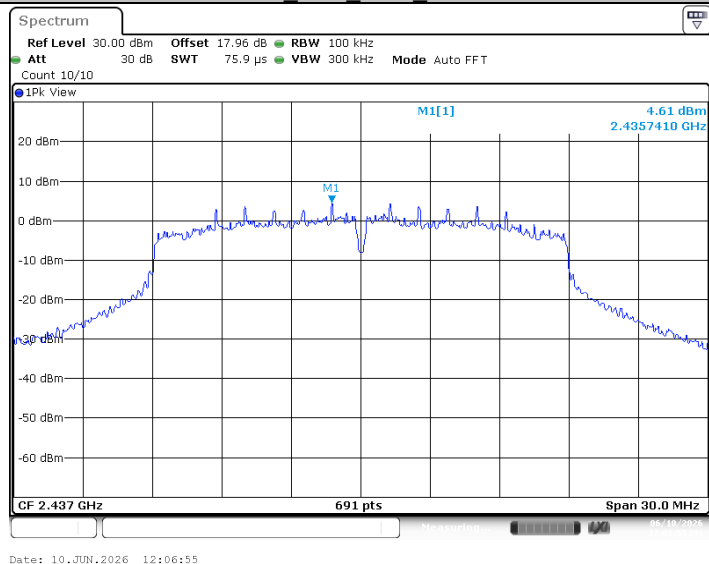
11N20SISO_Ant1_2412_30~1000



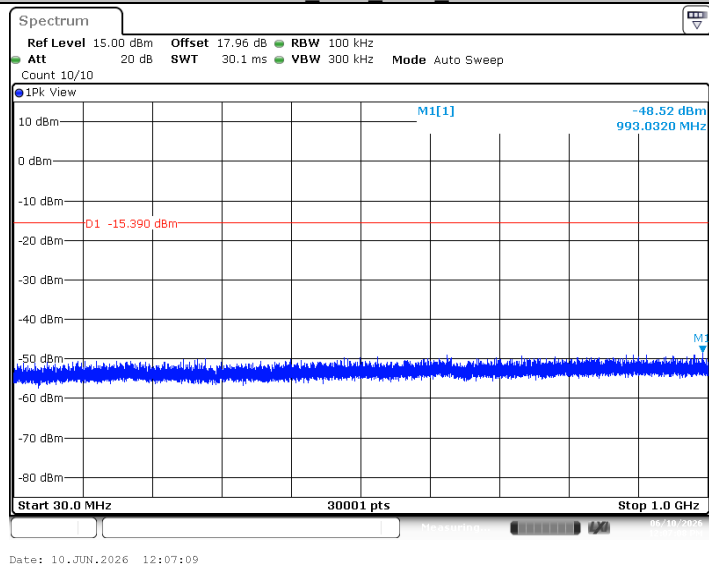
11N20SISO_Ant1_2412_1000~26500



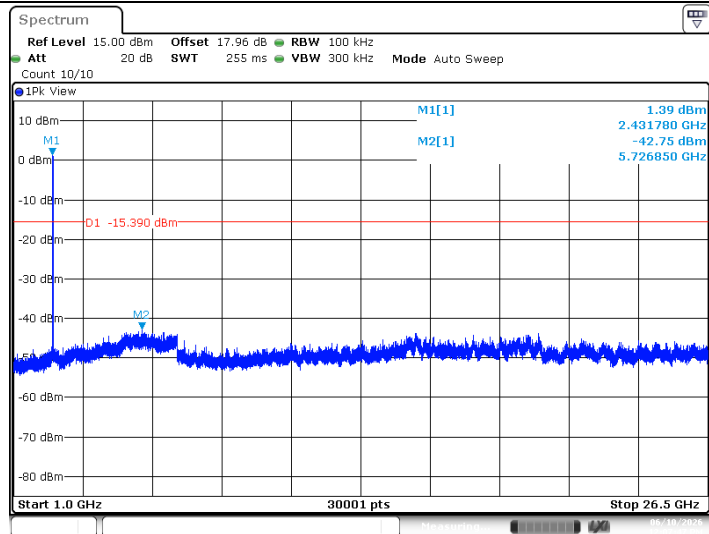
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

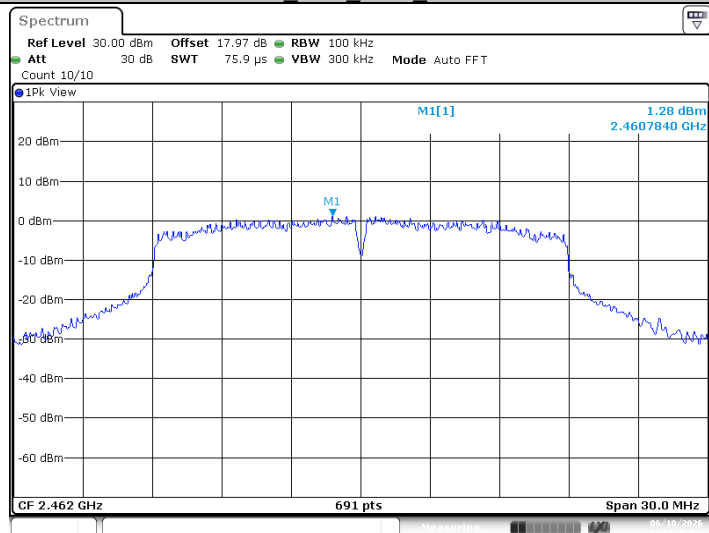


11N20SISO_Ant1_2437_1000~26500



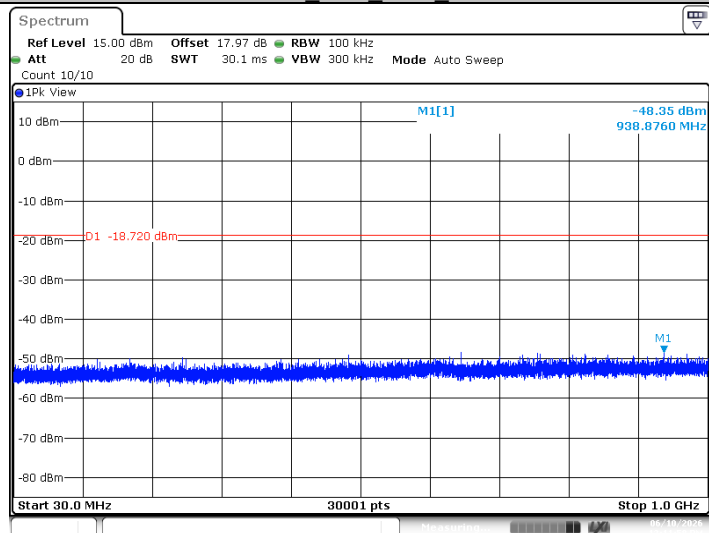
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11N20SISO_Ant1_2462_0~Reference



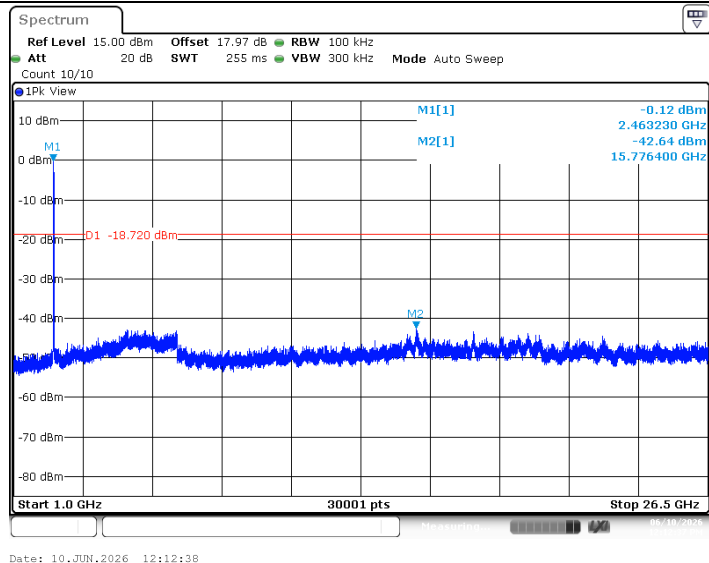
Date: 10.JUN.2026 12:11:46

11N20SISO_Ant1_2462_30~1000

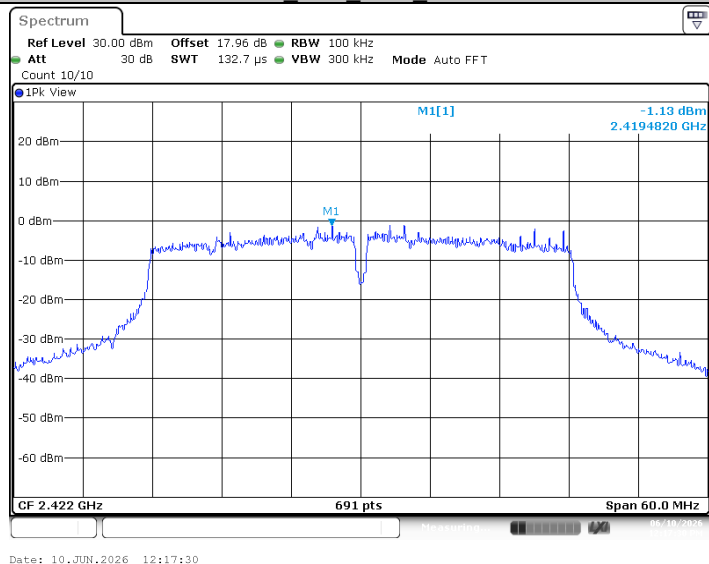


Date: 10.JUN.2026 12:11:59

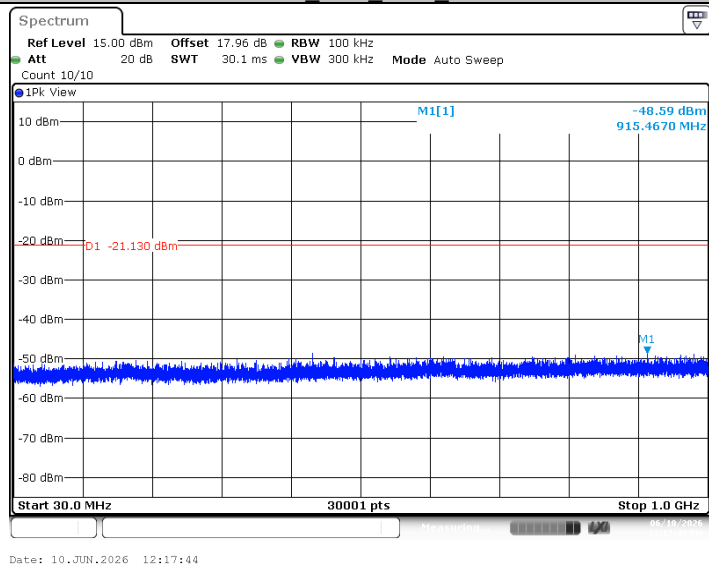
11N20SISO_Ant1_2462_1000~26500



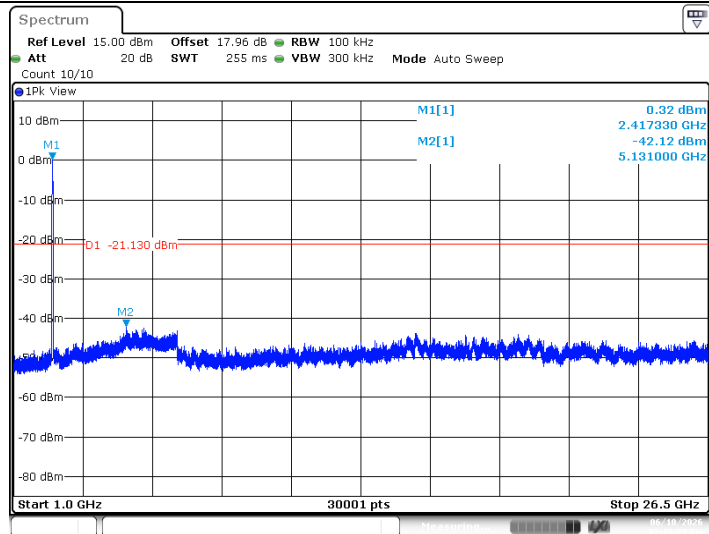
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000

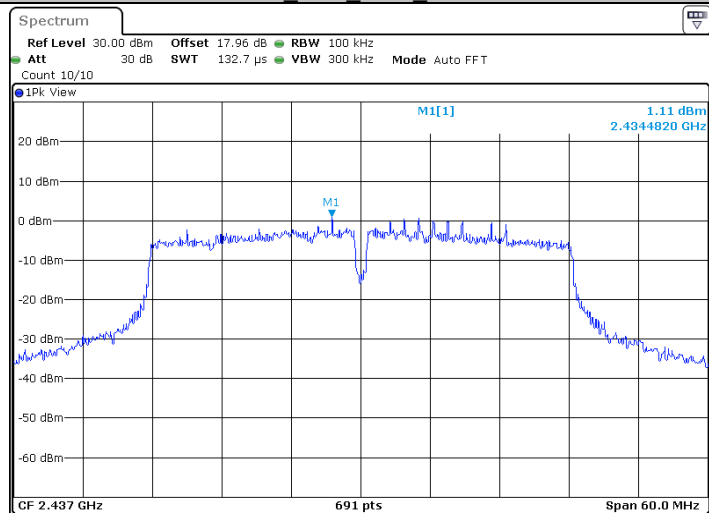


11N40SISO_Ant1_2422_1000~26500



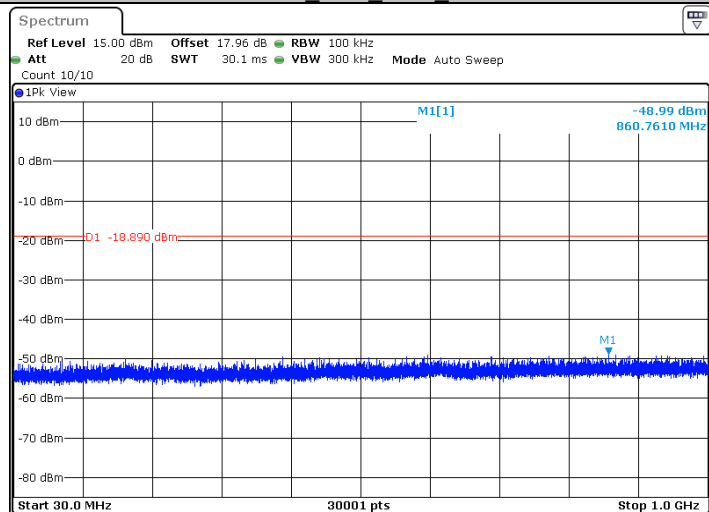
Date: 10.JUN.2026 12:18:23

11N40SISO_Ant1_2437_0~Reference



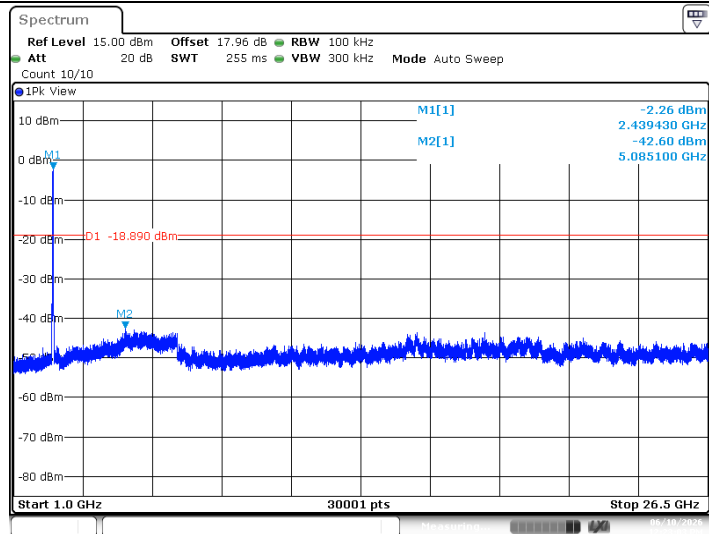
Date: 10.JUN.2026 12:22:12

11N40SISO_Ant1_2437_30~1000



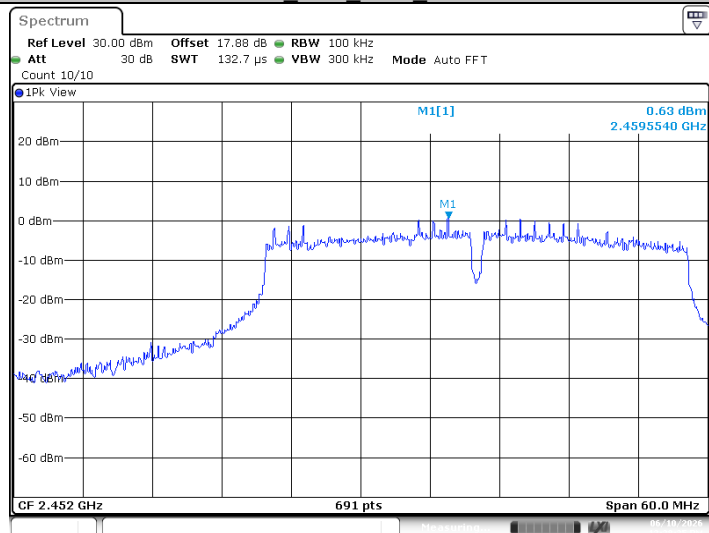
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11N40SISO_Ant1_2437_1000~26500



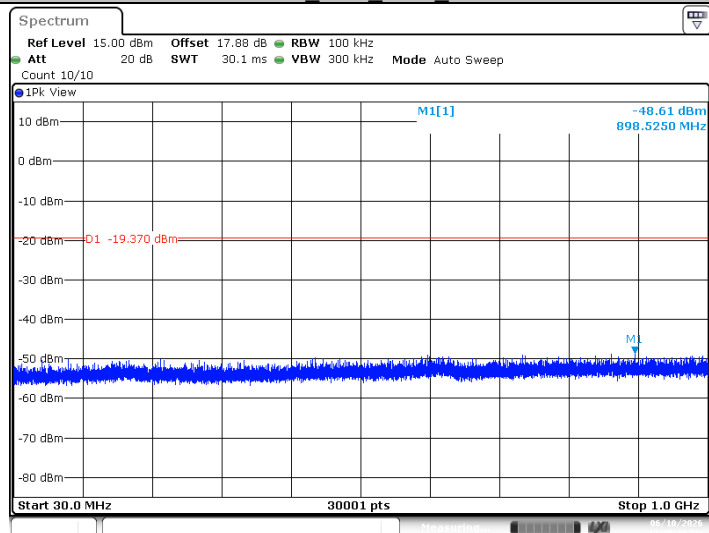
Date: 10.JUN.2026 12:23:04

11N40SISO_Ant1_2452_0~Reference



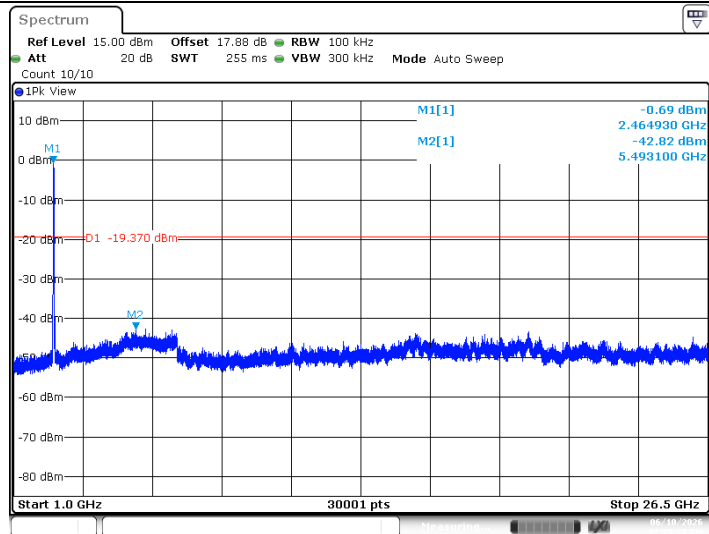
Date: 10.JUN.2026 12:28:36

11N40SISO_Ant1_2452_30~1000



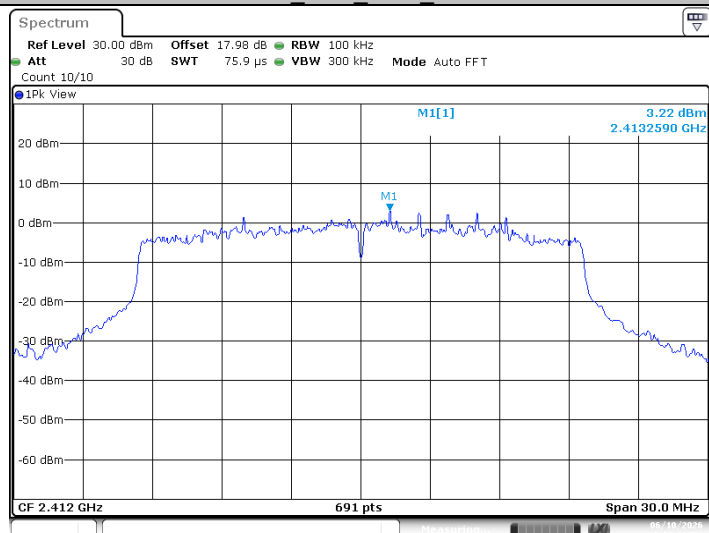
Date: 10.JUN.2026 12:28:50

11N40SISO_Ant1_2452_1000~26500



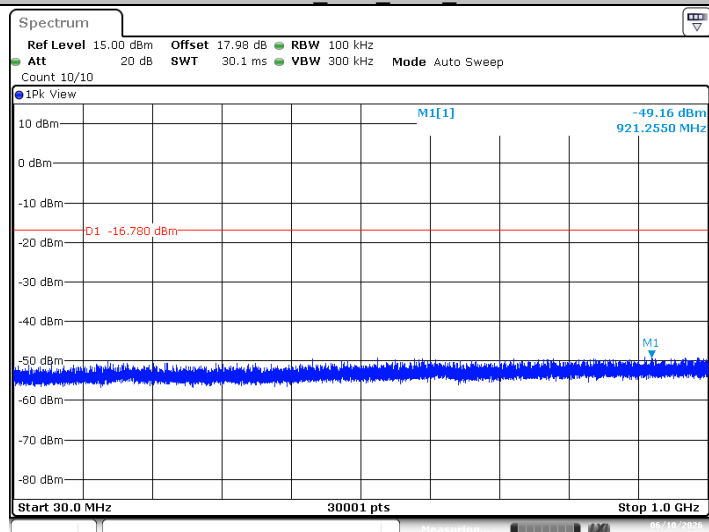
Date: 10.JUN.2026 12:29:28

11AX20SISO_Ant1_2412_0~Reference



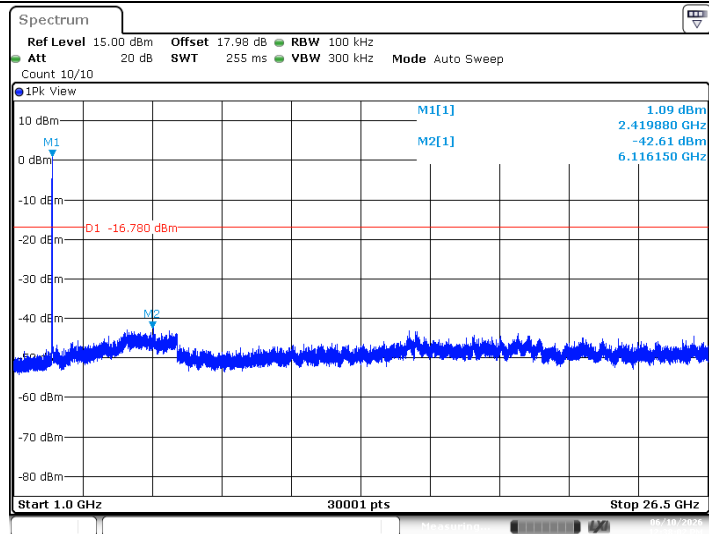
Date: 10.JUN.2026 12:37:11

11AX20SISO_Ant1_2412_30~1000



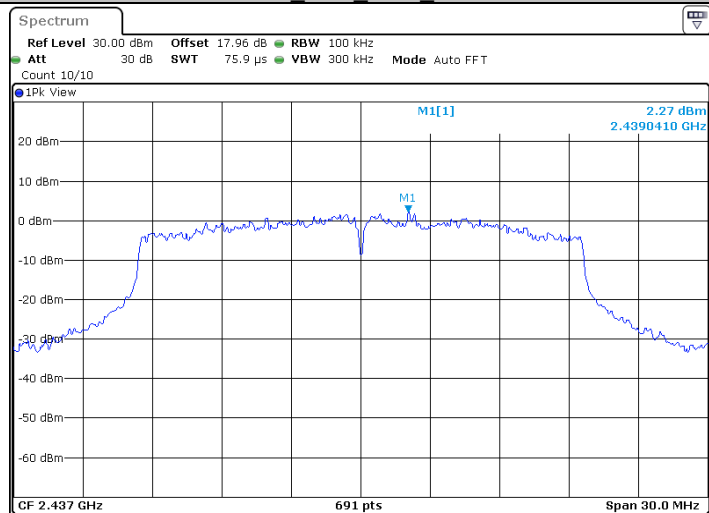
Date: 10.JUN.2026 12:37:24

11AX20SISO_Ant1_2412_1000~26500



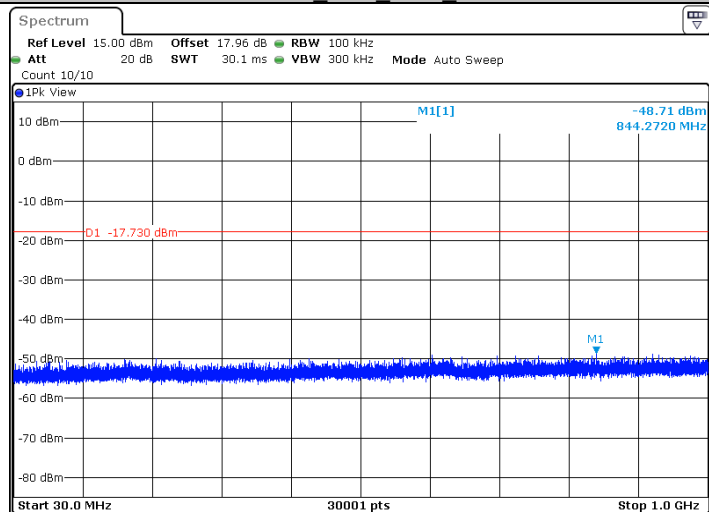
Date: 10.JUN.2026 12:38:03

11AX20SISO_Ant1_2437_0~Reference



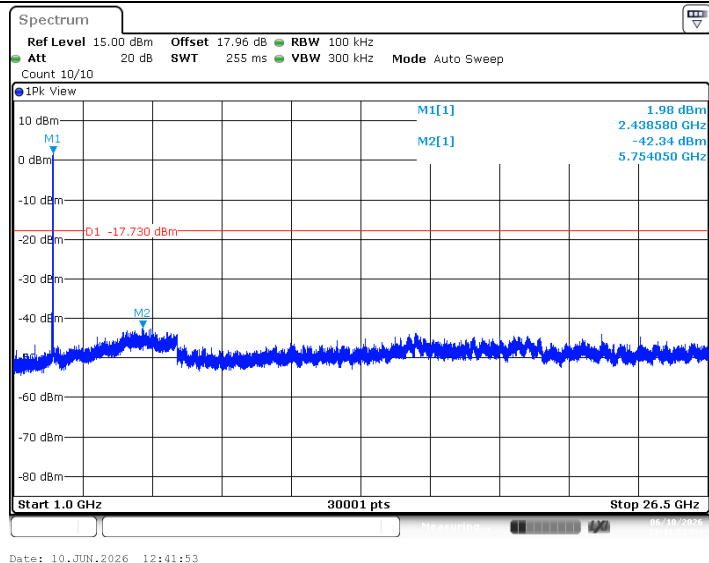
Date: 10.JUN.2026 12:41:01

11AX20SISO_Ant1_2437_30~1000

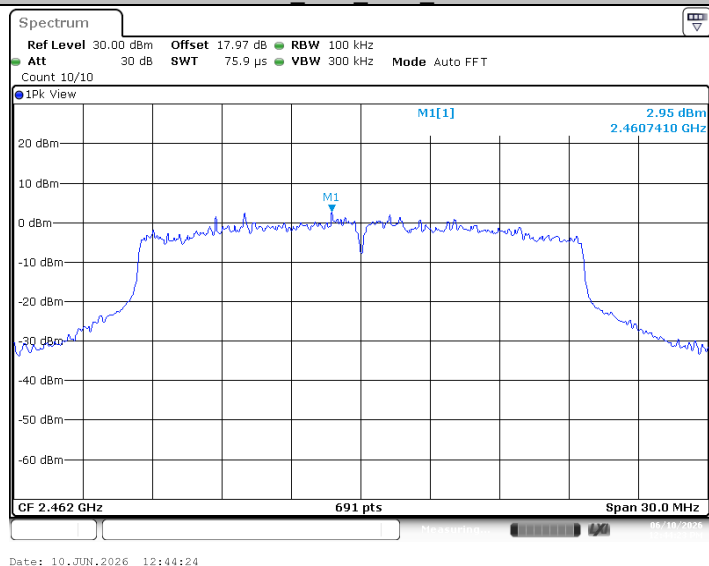


Date: 10.JUN.2026 12:41:14

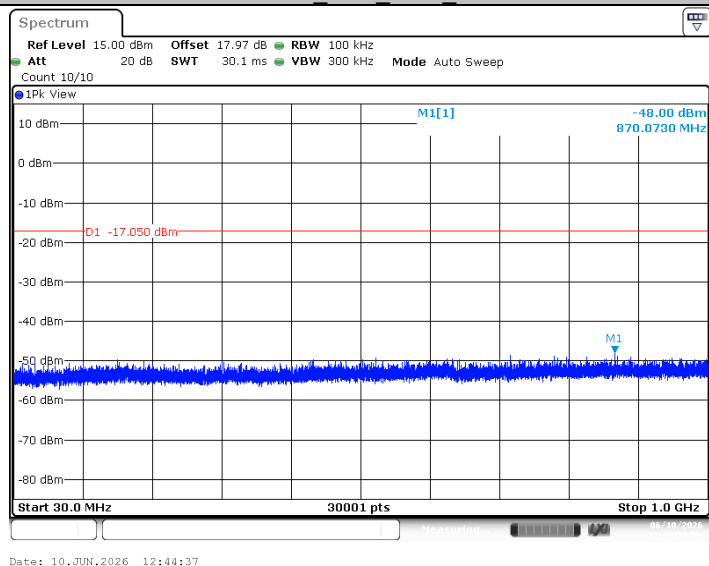
11AX20SISO_Ant1_2437_1000~26500



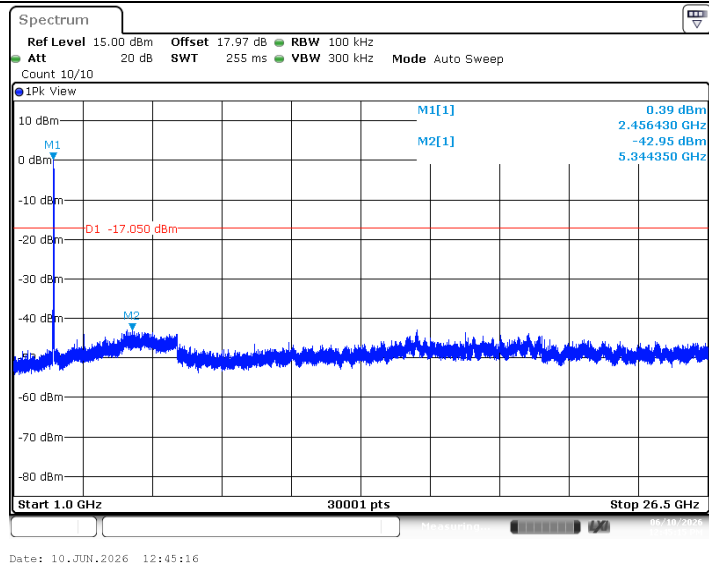
11AX20SISO_Ant1_2462_0~Reference



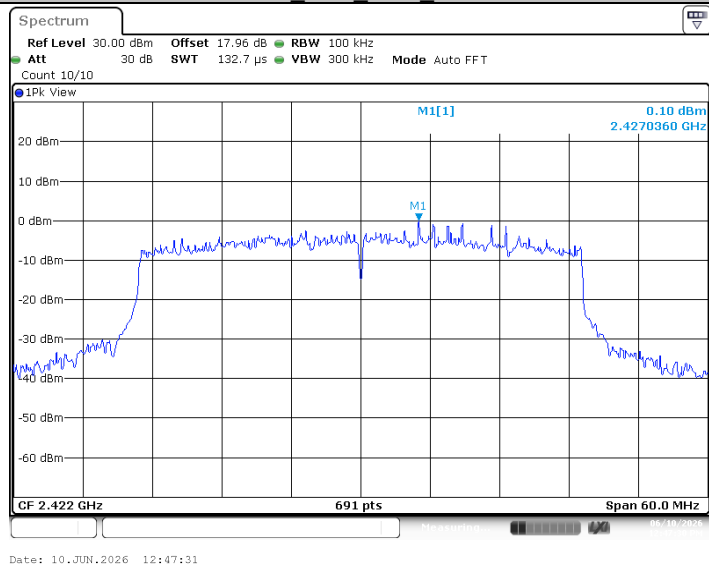
11AX20SISO_Ant1_2462_30~1000



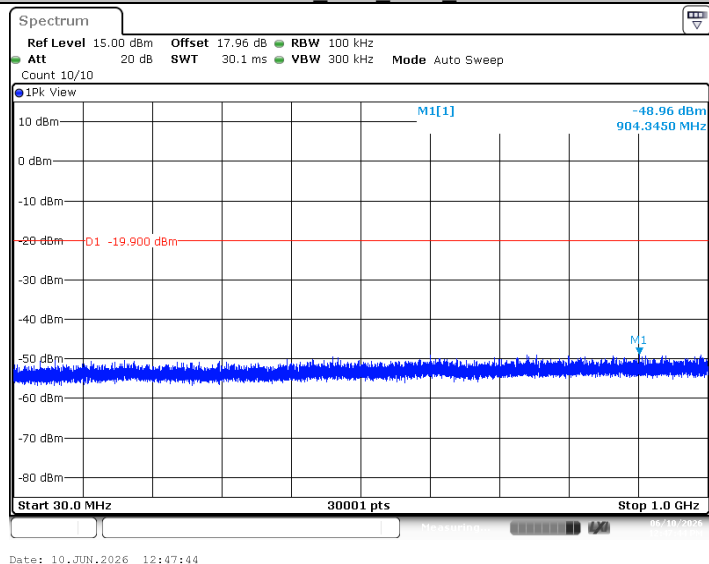
11AX20SISO_Ant1_2462_1000~26500



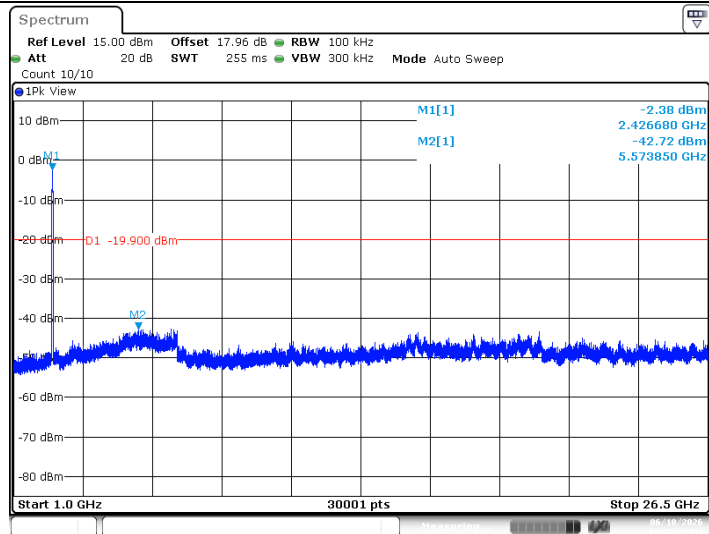
11AX40SISO_Ant1_2422_0~Reference



11AX40SISO_Ant1_2422_30~1000

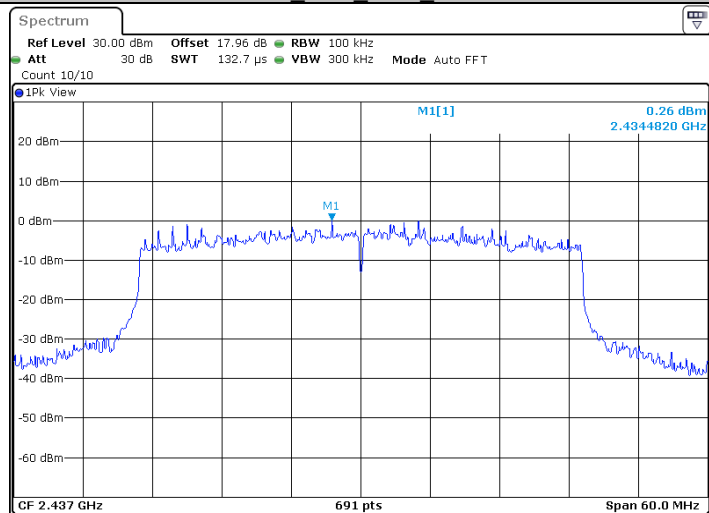


11AX40SISO_Ant1_2422_1000~26500



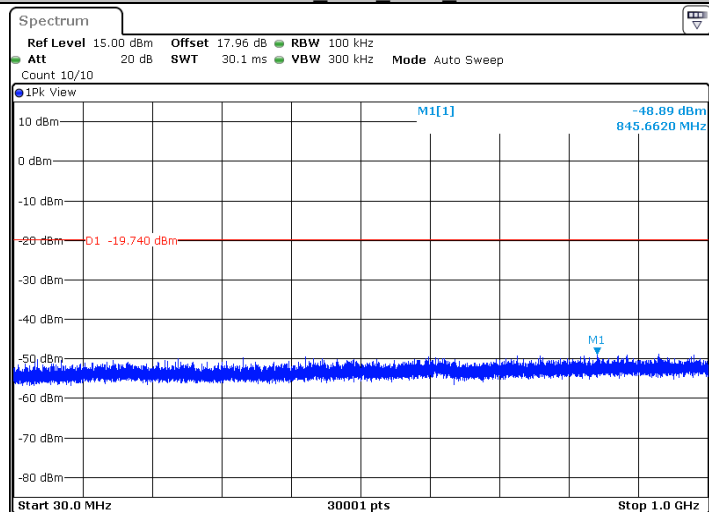
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11AX40SISO_Ant1_2437_0~Reference



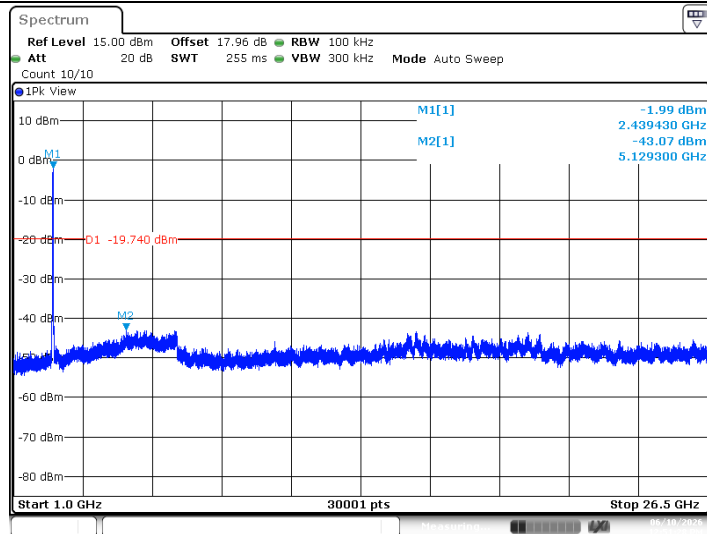
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11AX40SISO_Ant1_2437_30~1000



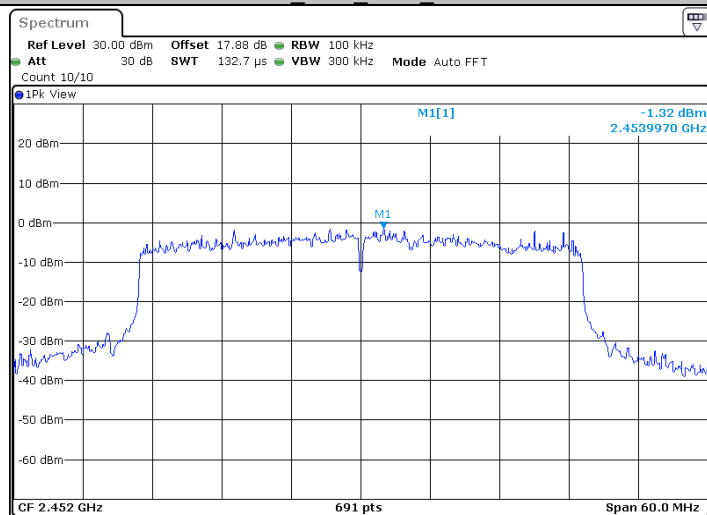
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11AX40SISO_Ant1_2437_1000~26500



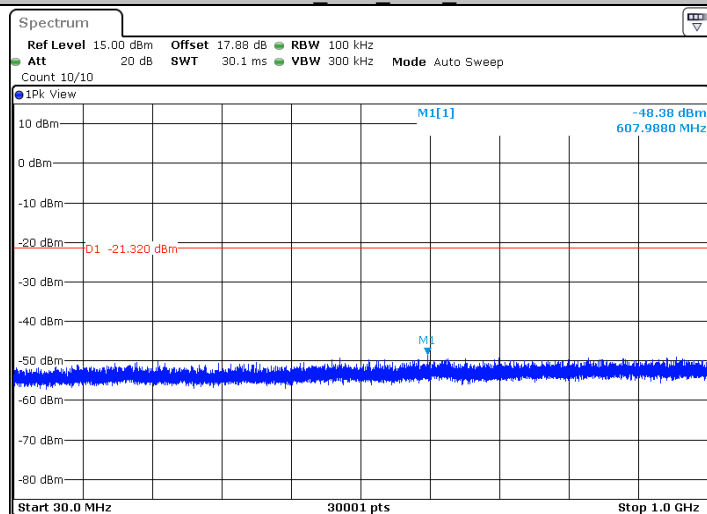
Date: 10.JUN.2026 12:51:29

11AX40SISO_Ant1_2452_0~Reference



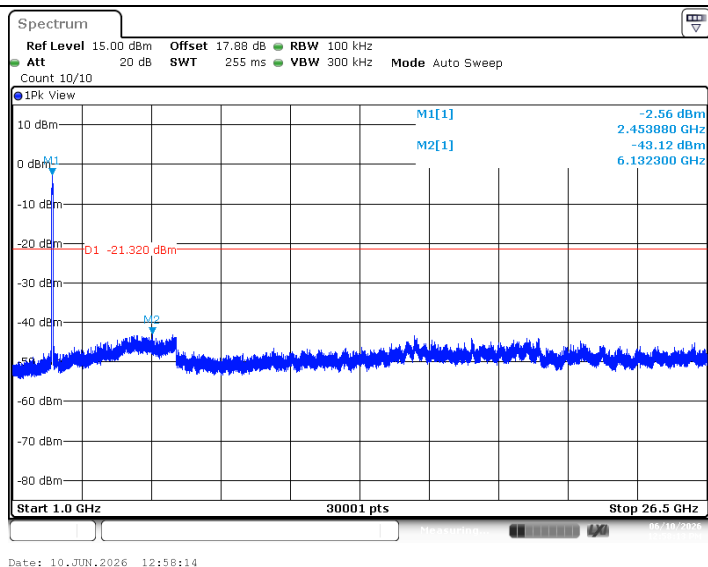
Date: 10.JUN.2026 12:57:22

11AX40SISO_Ant1_2452_30~1000



Date: 10.JUN.2026 12:57:35

11AX40SISO_Ant1_2452_1000~26500



Appendix B.6: Test Results of Radiated Spurious Emissions

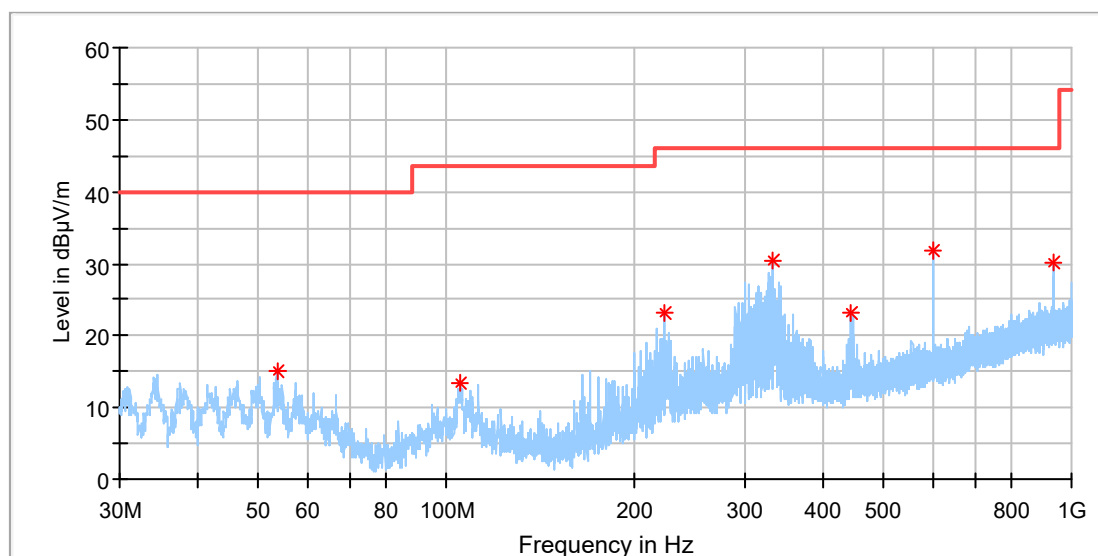
Note:

- 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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

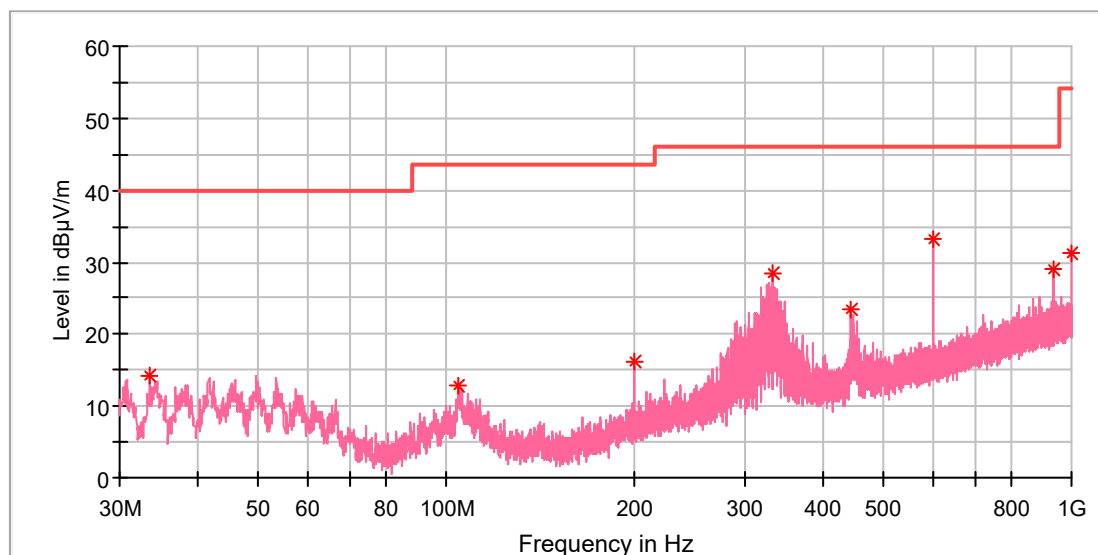
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.603333	15.20	40.00	24.80	100.0	H	314.0	-18.5
105.282778	13.39	43.50	30.11	100.0	H	105.0	-18.9
223.191667	23.17	46.00	22.83	100.0	H	96.0	-18.5
333.610000	30.35	46.00	15.65	100.0	H	297.0	-15.2
443.974444	23.19	46.00	22.81	100.0	H	259.0	-12.9
599.982778	31.83	46.00	14.17	100.0	H	187.0	-9.7
938.405000	30.20	46.00	15.80	100.0	H	341.0	-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: Robotic Vacuum Cleaner
 Model: RRE0BES
 Test Mode: WIFI 2.4G_11b_Ch6
 Order No/Sample No: 27234857/A004285282-003
 Test Voltage: Battery
 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)
33.502778	14.15	40.00	25.85	100.0	V	294.0	-22.4
104.636111	12.83	43.50	30.67	100.0	V	70.0	-18.9
199.965556	16.23	43.50	27.27	100.0	V	321.0	-19.1
333.556111	28.33	46.00	17.67	100.0	V	275.0	-15.2
443.974444	23.38	46.00	22.62	100.0	V	249.0	-12.9
599.982778	33.19	46.00	12.81	100.0	V	311.0	-9.7
938.405000	29.10	46.00	16.90	100.0	V	192.0	-4.4
1000.000000	31.17	54.00	22.83	100.0	V	0.0	-3.4

Final Result

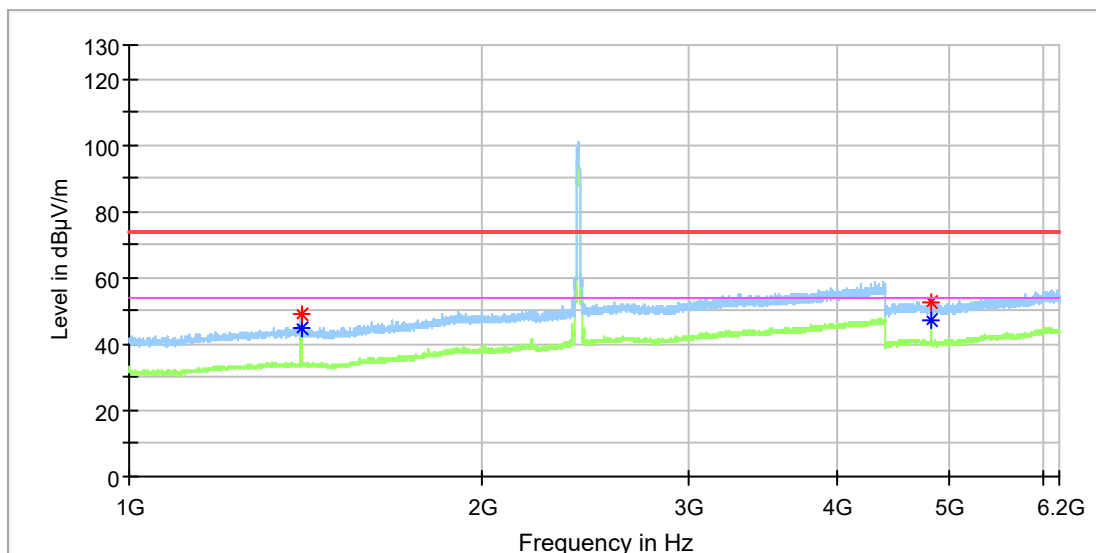
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

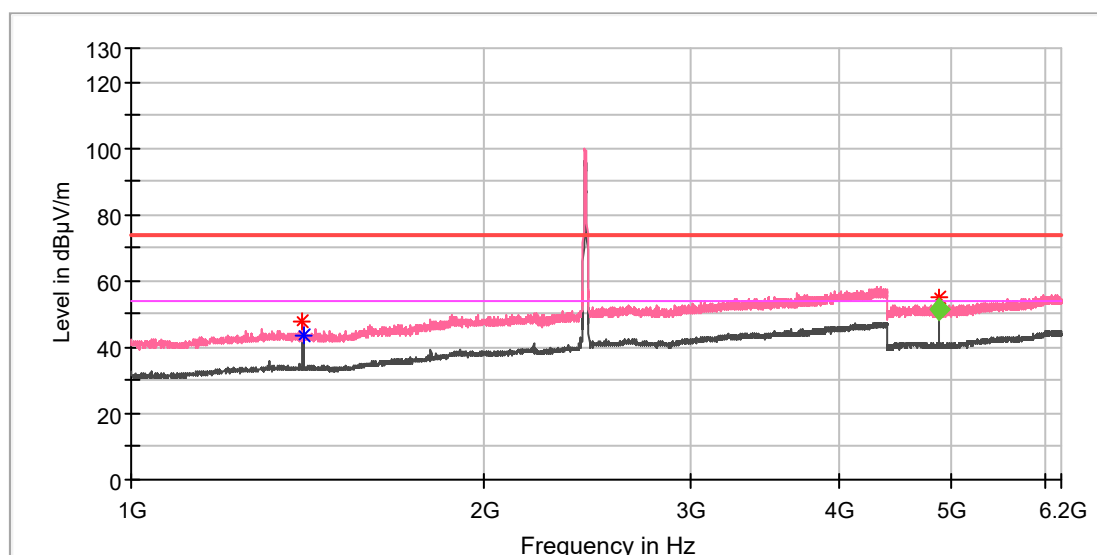
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1400.000000	48.75	---	74.00	25.25	150.0	H	312.0	3.0
1400.000000	---	44.76	54.00	9.24	150.0	H	312.0	3.0
4823.500000	52.38	---	74.00	21.62	150.0	H	359.0	13.3
4824.000000	---	46.97	54.00	7.03	150.0	H	359.0	13.3

Final Result

[illegible]

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: RRE0BES
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 27234857/A004285282-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

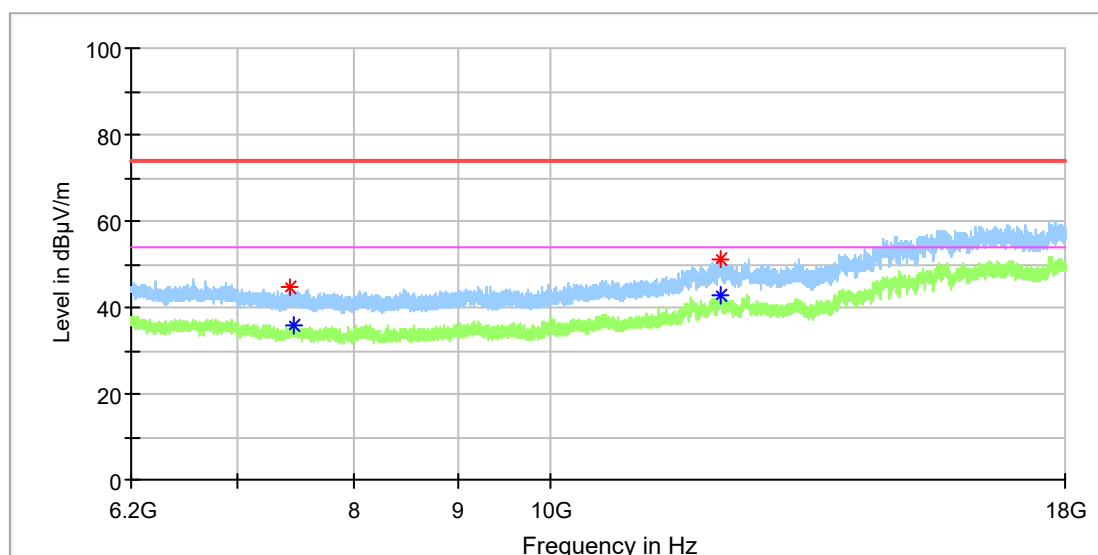
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1399.500000	47.68	---	74.00	26.32	150.0	V	195.0	3.0
1400.000000	---	43.45	54.00	10.55	150.0	V	195.0	3.0
4874.000000	55.09	---	74.00	18.91	150.0	V	29.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.997222	---	51.56	54.00	2.44	150.0	V	29.0	13.3

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

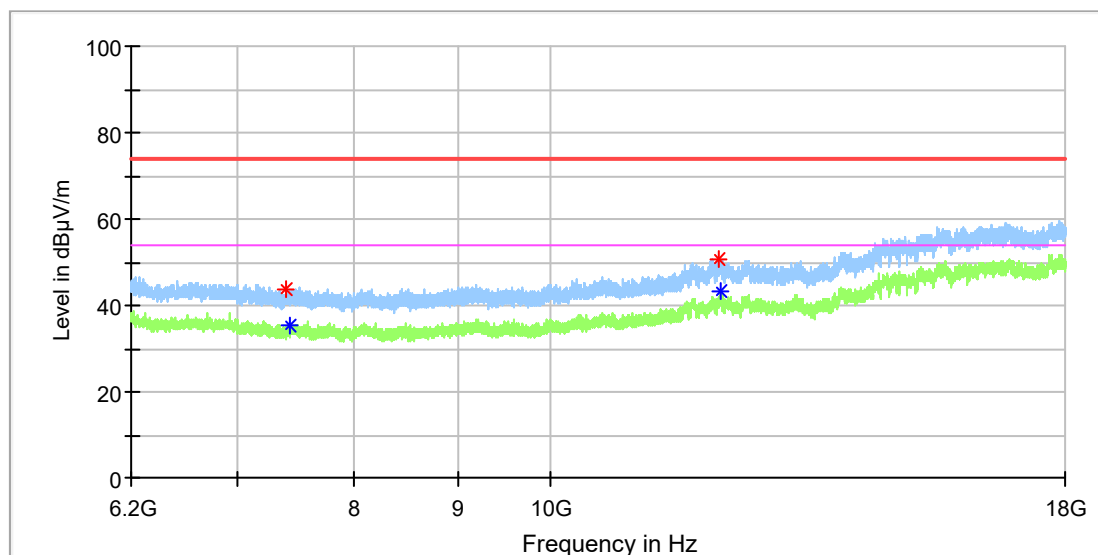
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7419.825000	44.43	---	74.00	29.57	150.0	H	126.0	8.4
7468.008333	---	35.90	54.00	18.10	150.0	H	1.0	8.6
12155.066667	51.17	---	74.00	22.83	150.0	H	105.0	16.5
12155.066667	---	42.69	54.00	11.31	150.0	H	105.0	16.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

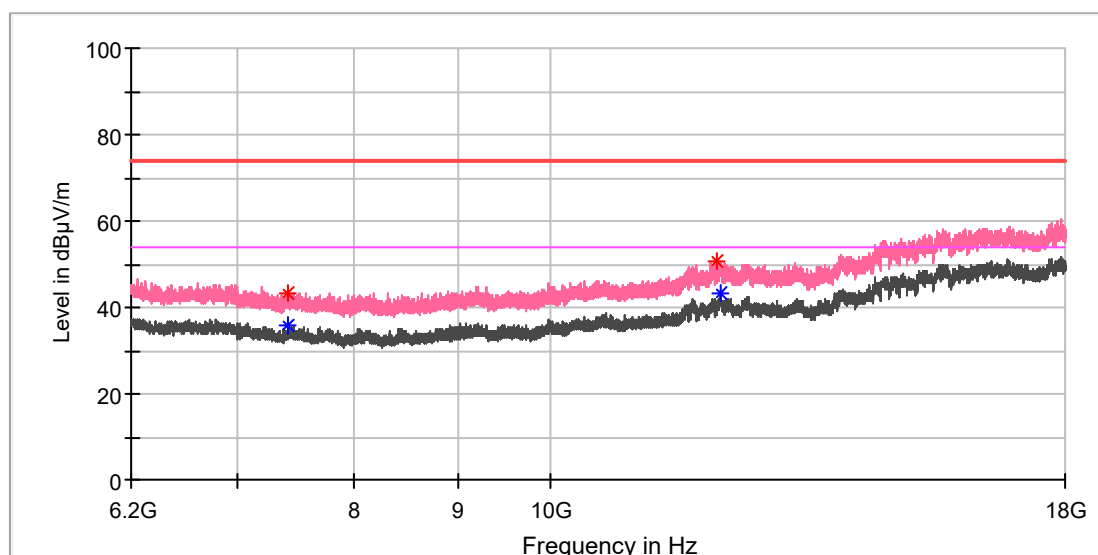
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7389.833333	43.82	---	74.00	30.18	150.0	H	253.0	8.3
7421.300000	---	35.50	54.00	18.50	150.0	H	221.0	8.4
12123.600000	50.69	---	74.00	23.31	150.0	H	108.0	16.0
12136.875000	---	43.25	54.00	10.75	150.0	H	177.0	16.4

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
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)	PoI	Azimuth (deg)	Corr. (dB/m)
7404.091667	43.10	---	74.00	30.90	150.0	V	177.0	8.3
7409.008333	---	35.69	54.00	18.31	150.0	V	279.0	8.3
12103.933333	50.65	---	74.00	23.35	150.0	V	65.0	15.5
12134.908333	---	43.21	54.00	10.79	150.0	V	156.0	16.3

Final Result

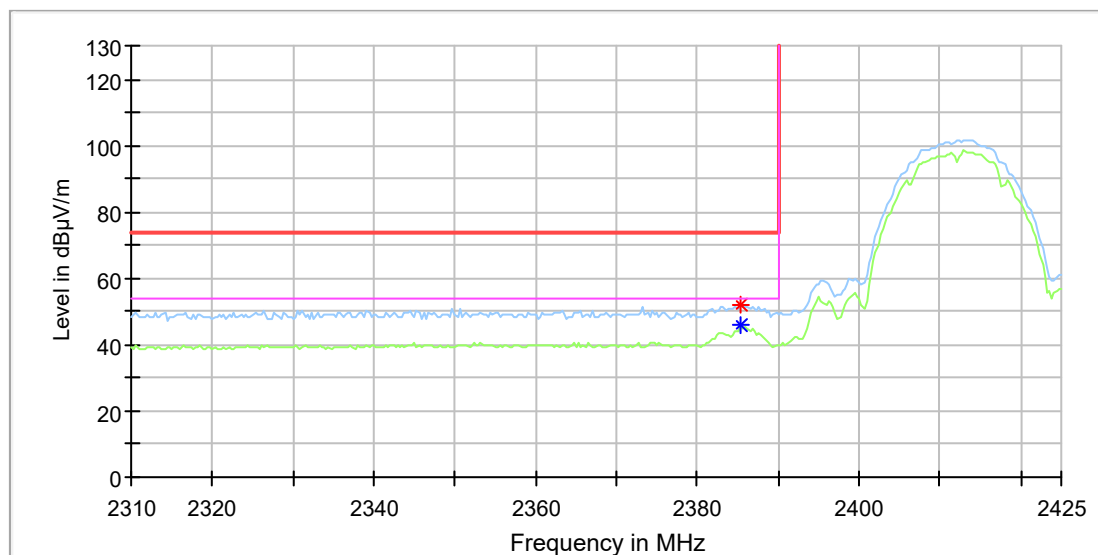
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Appendix B.7: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

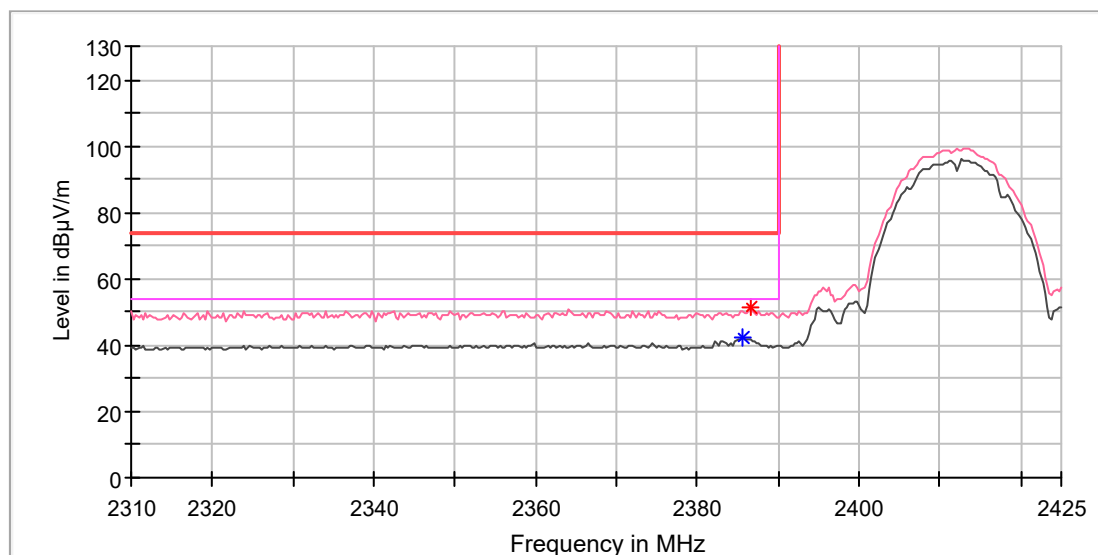
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.294118	51.87	---	74.00	22.13	150.0	H	277.0	8.5
2385.294118	---	45.98	54.00	8.02	150.0	H	277.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

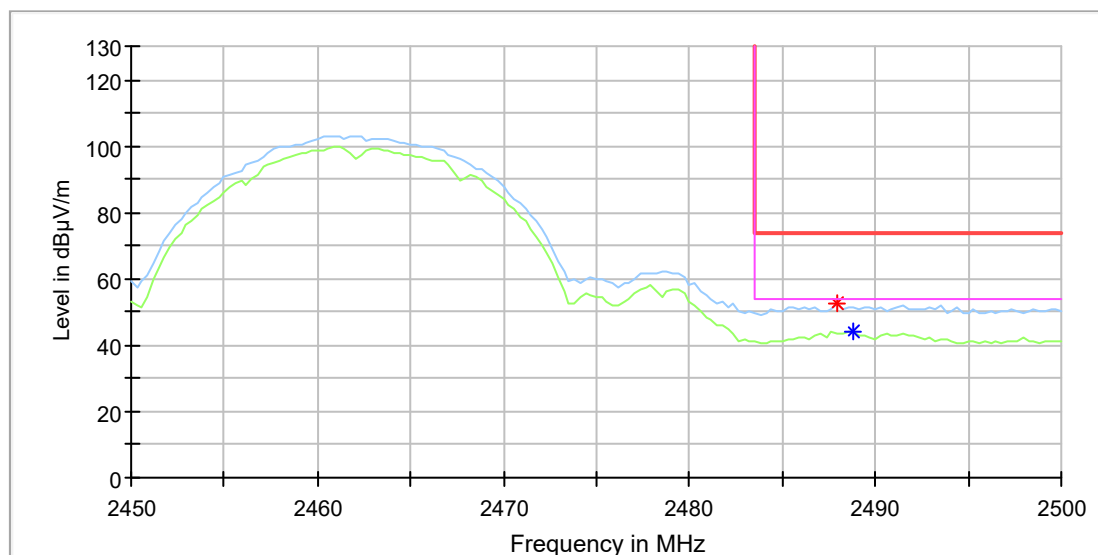
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.588235	---	42.25	54.00	11.75	150.0	V	197.0	8.5
2386.470588	51.25	---	74.00	22.75	150.0	V	305.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

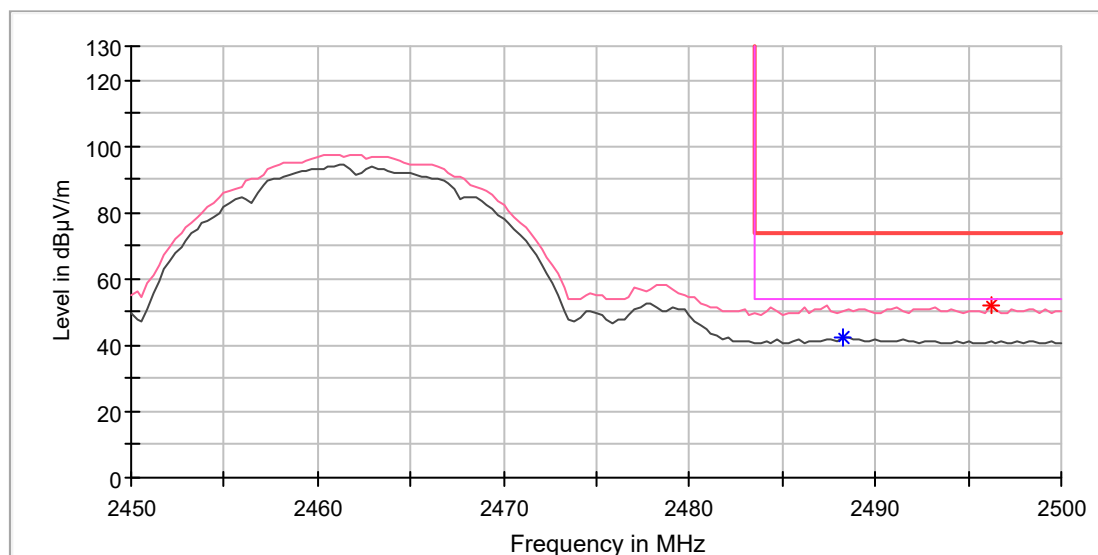
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.941177	52.59	---	74.00	21.41	150.0	H	273.0	9.0
2488.823529	---	44.43	54.00	9.57	150.0	H	273.0	9.0

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
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)
2488.235294	---	42.15	54.00	11.85	150.0	V	160.0	9.0
2496.176471	52.26	---	74.00	21.74	150.0	V	247.0	9.0

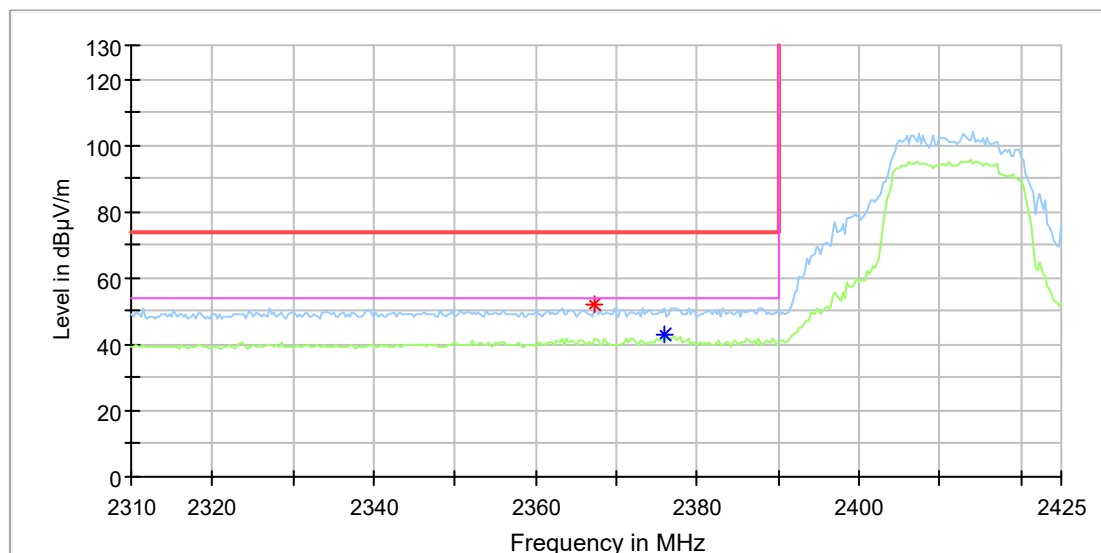
Final Result

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 g mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

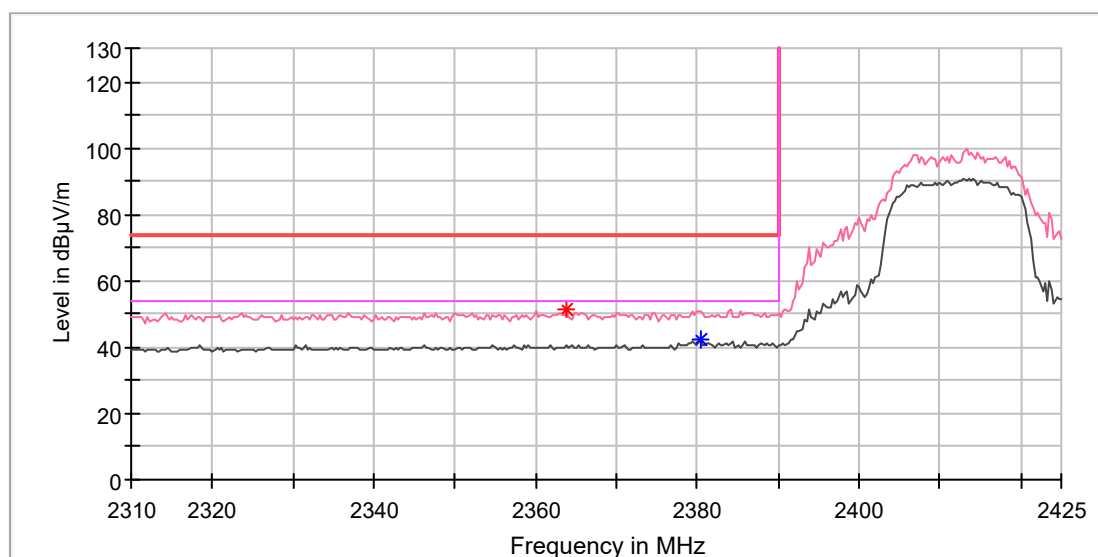
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2367.352941	51.77	---	74.00	22.23	150.0	H	121.0	8.5
2375.882353	---	42.68	54.00	11.32	150.0	H	121.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

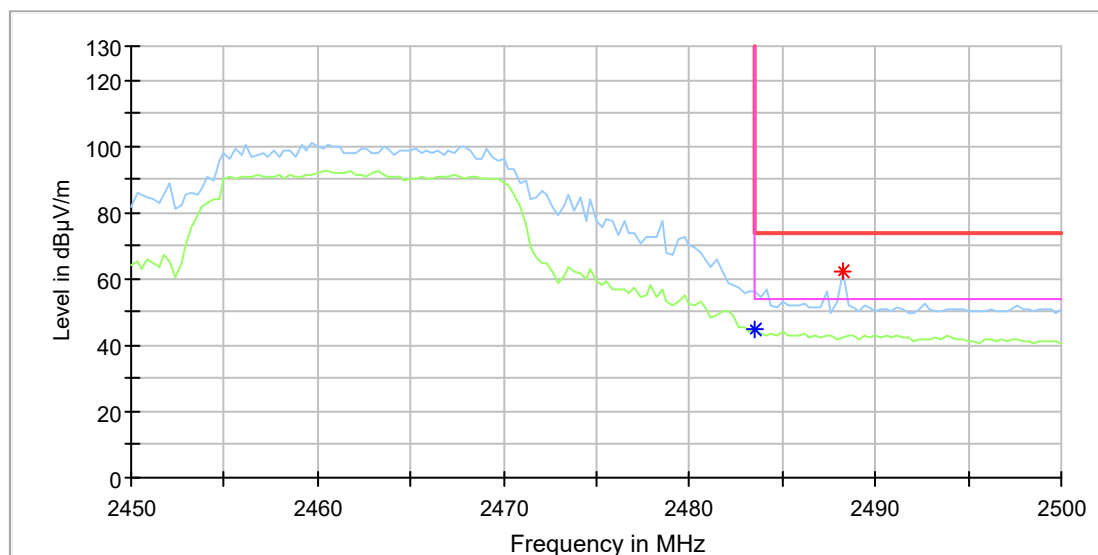
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2363.823529	51.51	---	74.00	22.49	150.0	V	133.0	8.5
2380.294118	---	42.15	54.00	11.85	150.0	V	117.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

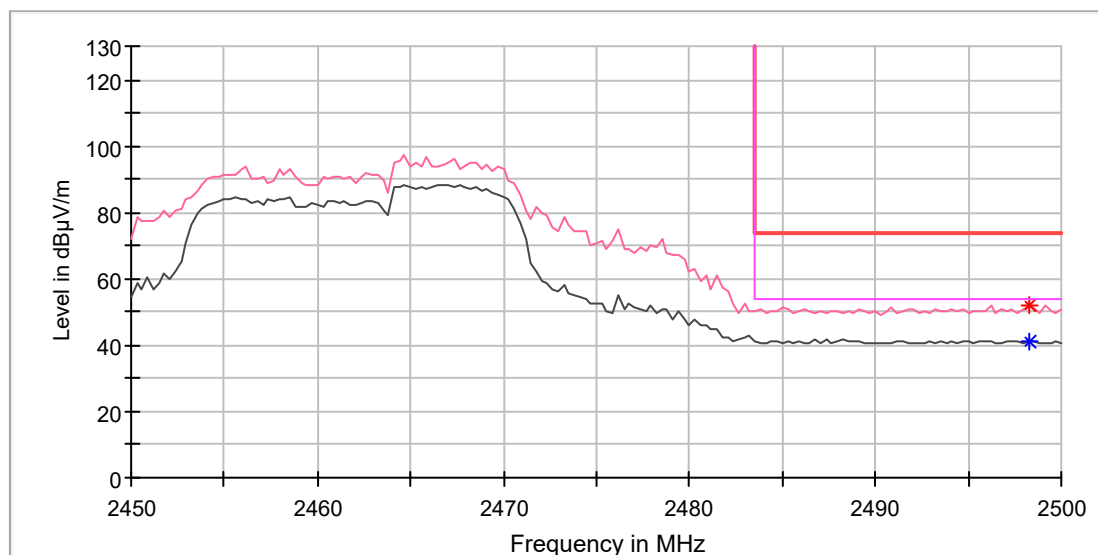
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	45.03	54.00	8.97	150.0	H	103.0	9.0
2488.235294	62.12	---	74.00	11.88	150.0	H	140.0	9.0

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
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)
2498.235294	---	41.39	54.00	12.61	150.0	V	210.0	9.0
2498.235294	52.22	---	74.00	21.78	150.0	V	210.0	9.0

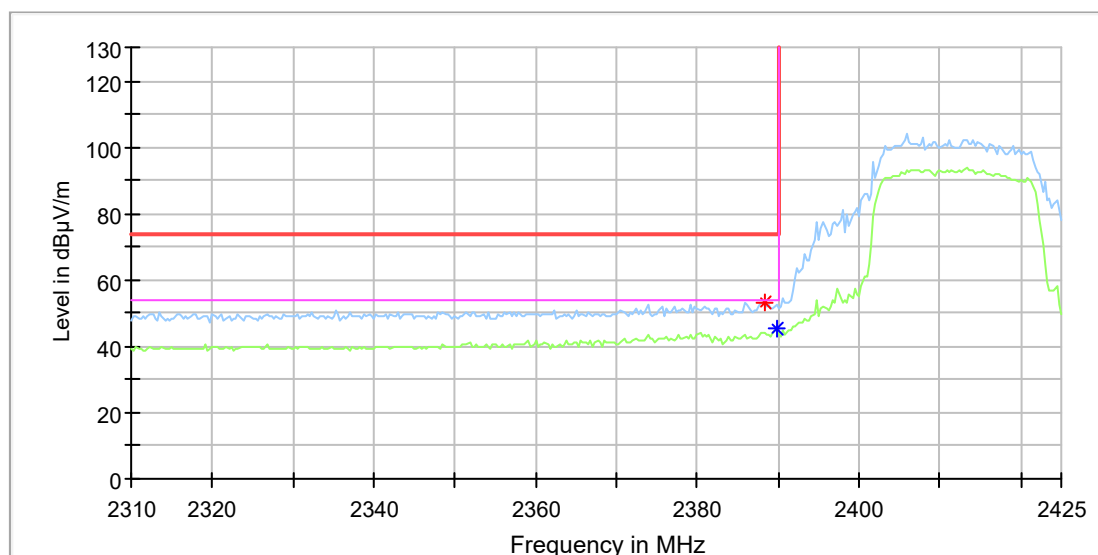
Final Result

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

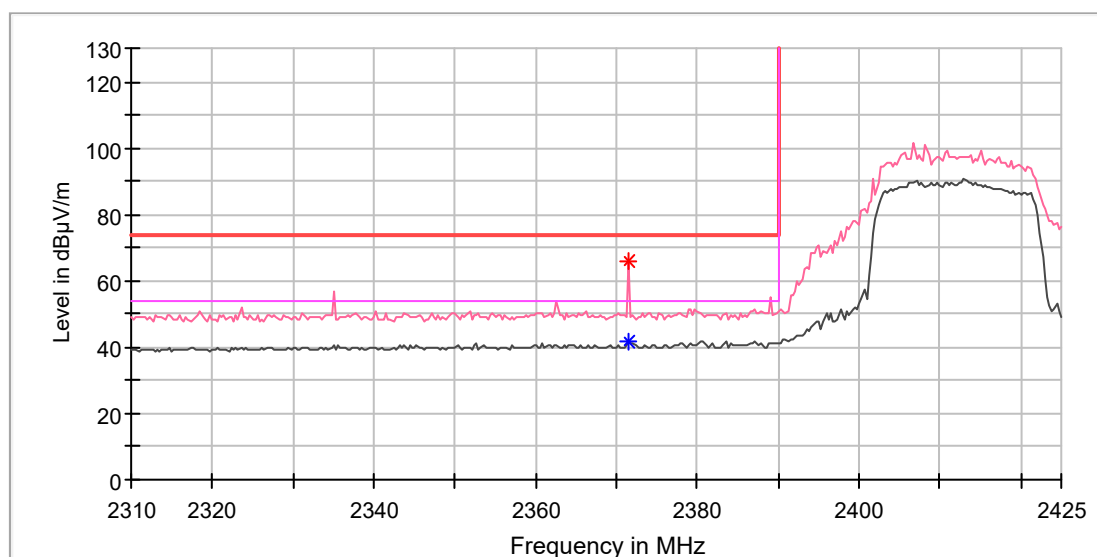
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.235294	53.10	---	74.00	20.90	150.0	H	97.0	8.5
2389.705882	---	45.29	54.00	8.71	150.0	H	97.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

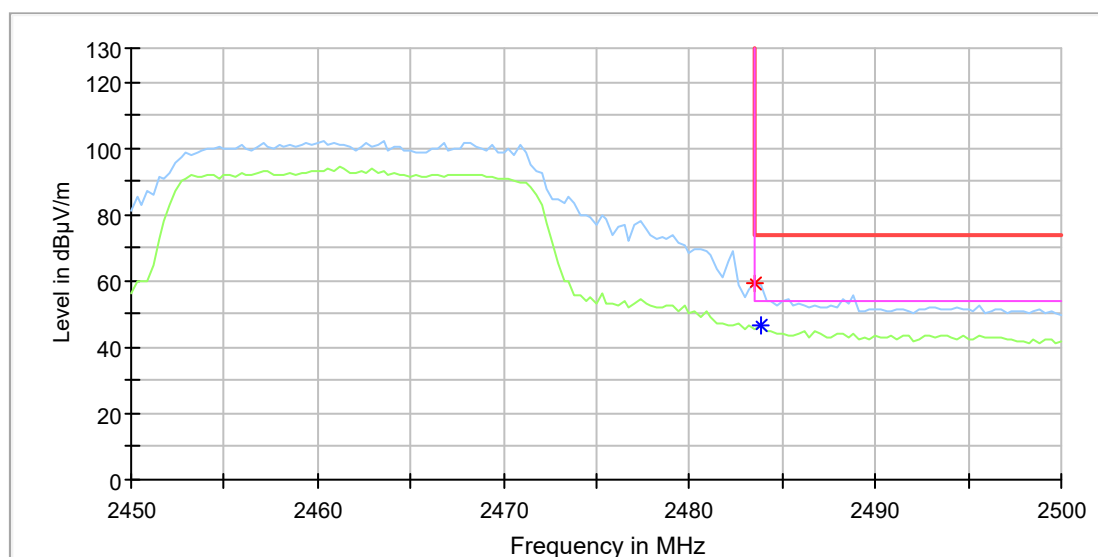
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.470588	---	41.65	54.00	12.35	150.0	V	85.0	8.5
2371.470588	65.87	---	74.00	8.13	150.0	V	85.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11ax20_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

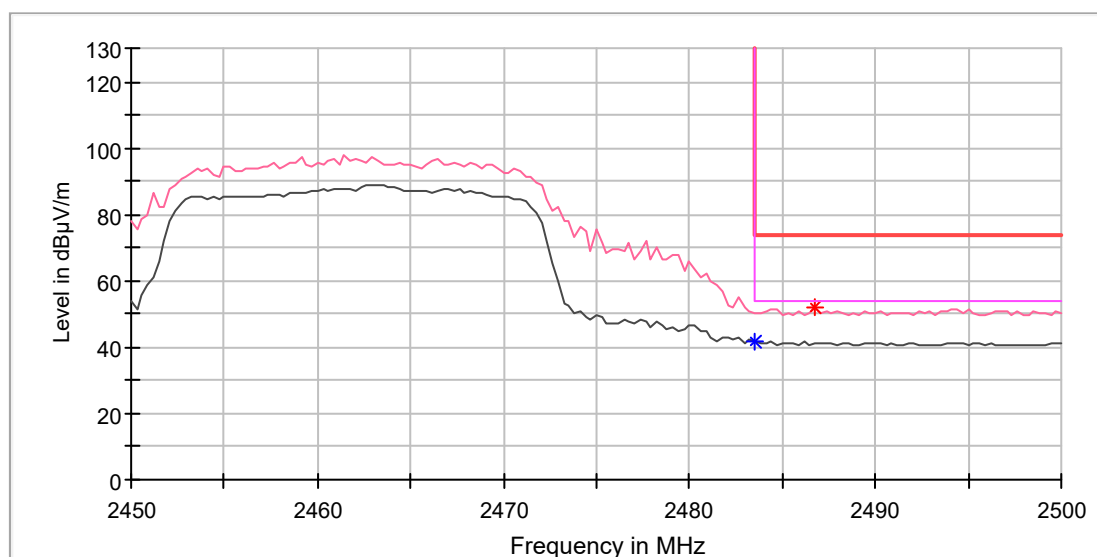
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	59.37	---	74.00	14.63	150.0	H	97.0	9.0
2483.823529	---	46.75	54.00	7.25	150.0	H	97.0	9.0

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11ax20_Ch11
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
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	---	41.85	54.00	12.15	150.0	V	109.0	9.0
2486.764706	52.17	---	74.00	21.83	150.0	V	155.0	9.0

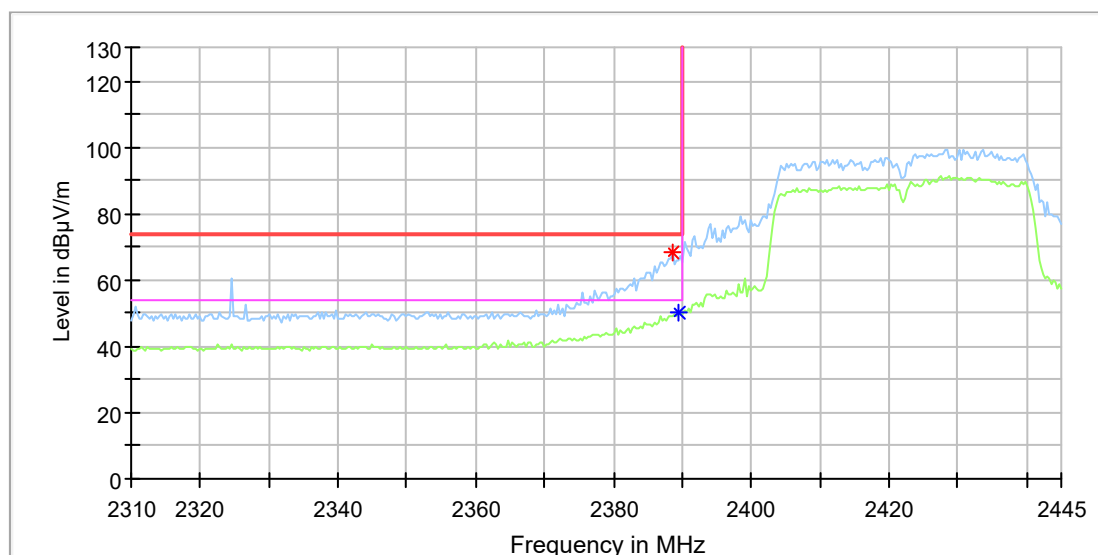
Final Result

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 n(HT40) mode

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

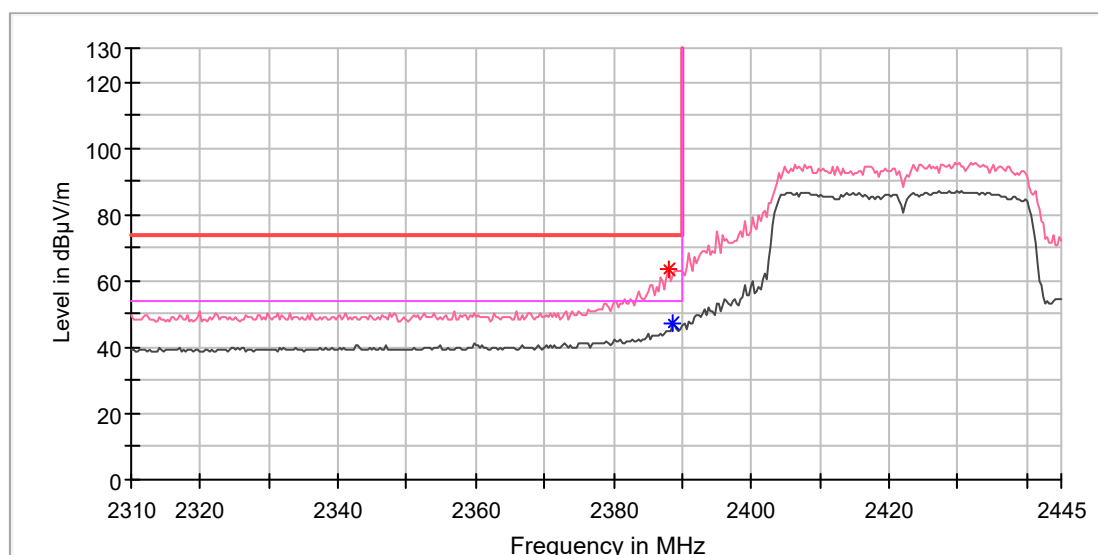
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Poi	Azimuth (deg)	Corr. (dB/m)
2388.529412	68.28	---	74.00	5.72	150.0	H	107.0	8.5
2389.411765	---	50.40	54.00	3.60	150.0	H	107.0	8.5

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:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

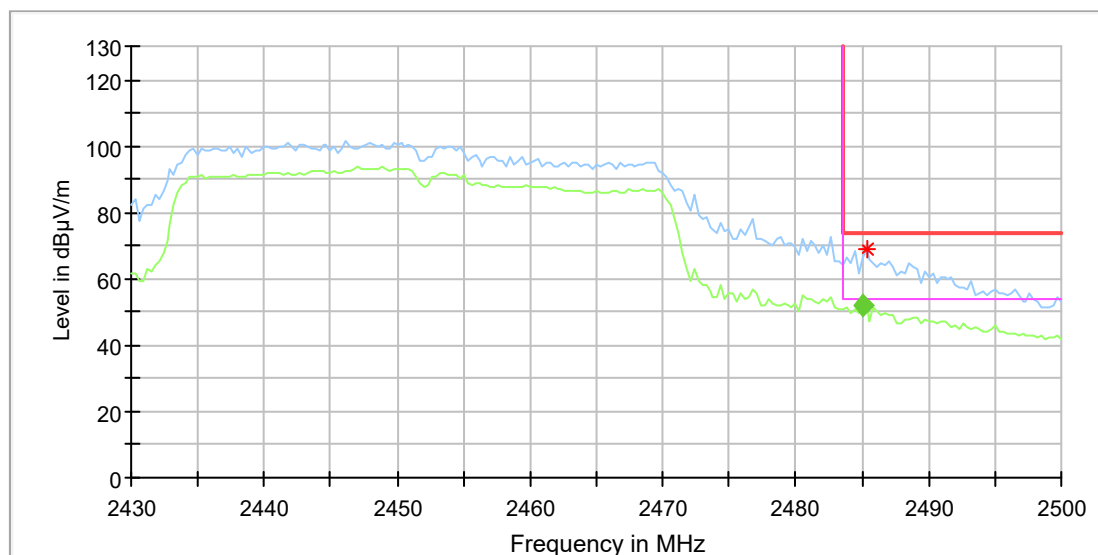
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	63.78	---	74.00	10.22	150.0	V	312.0	8.5
2388.529412	---	46.95	54.00	7.05	150.0	V	72.0	8.5

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: Robotic Vacuum Cleaner
Model: RRE0BES
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 27234857/A004285282-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

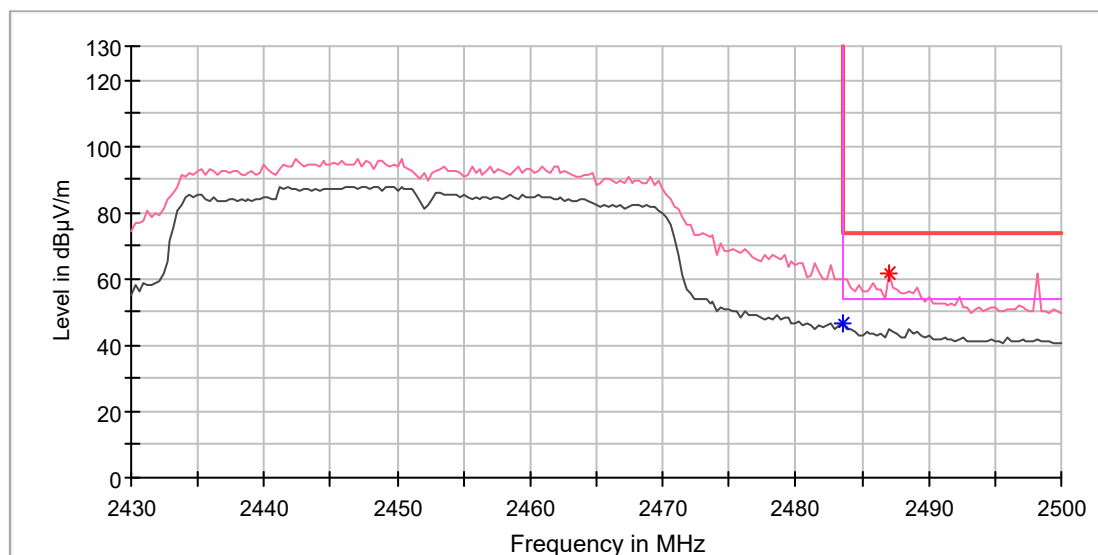
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	68.70	---	74.00	5.30	150.0	H	102.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	---	51.88	54.00	2.12	150.0	H	102.0	9.0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	RRE0BES
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	27234857/A004285282-003
Test Voltage:	Battery
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	---	46.33	54.00	7.67	150.0	V	295.0	9.0
2487.058824	61.96	---	74.00	12.04	150.0	V	160.0	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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