Appendix Test Data

Report No.:	1812C60324612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-16	Finish Test Date:	2026-6-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24℃	Relative Humidity:	71%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.280	2406.920	2417.200	0.5	PASS
11B	Ant1	2437	10.320	2431.880	2442.200	0.5	PASS
11B	Ant1	2462	10.320	2456.880	2467.200	0.5	PASS
11G	Ant1	2412	16.520	2403.800	2420.320	0.5	PASS
11G	Ant1	2437	16.360	2428.840	2445.200	0.5	PASS
11G	Ant1	2462	16.440	2453.840	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.320	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.680	2428.240	2445.920	0.5	PASS
11N20SISO	Ant1	2462	17.520	2453.280	2470.800	0.5	PASS

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Test Graphs

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

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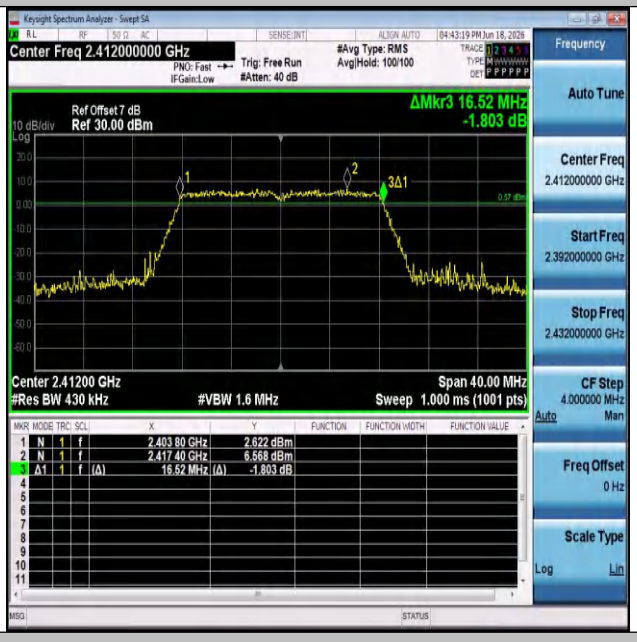
11B-Ant1-2462-PASS



11G-Ant1-2412-PASS

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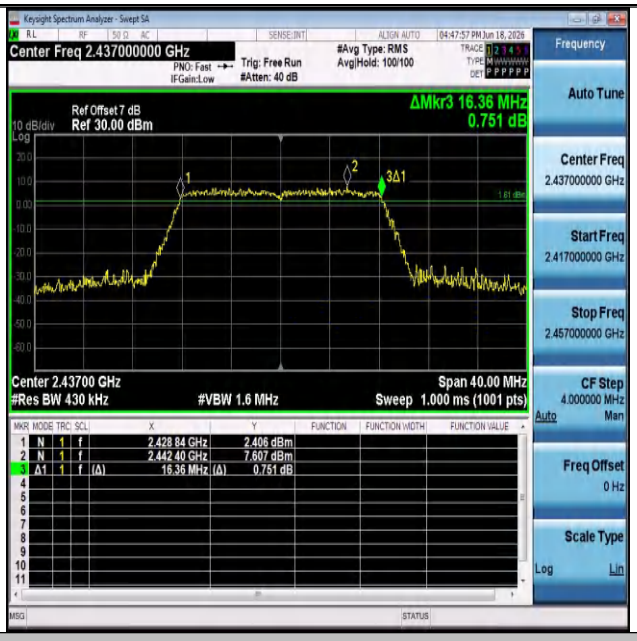
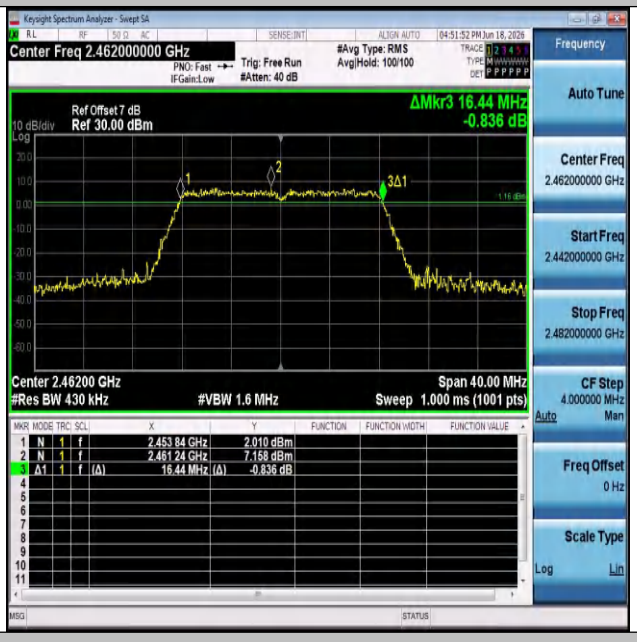


11G-Ant1-2437-PASS



11G-Ant1-2462-PASS

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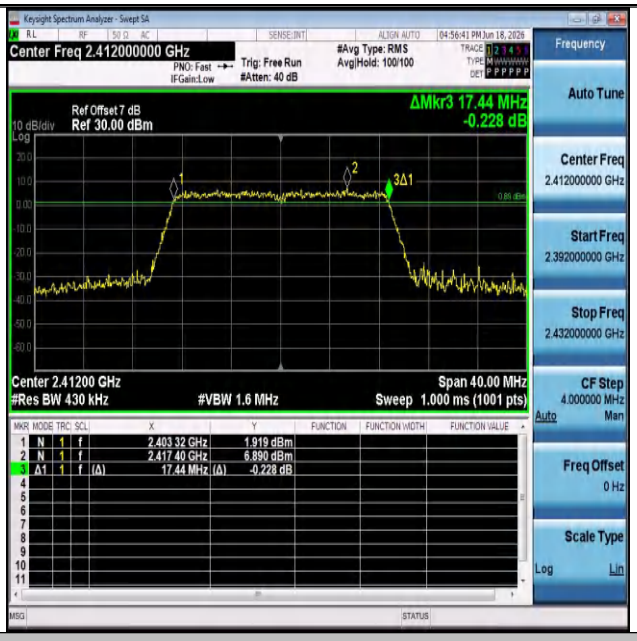
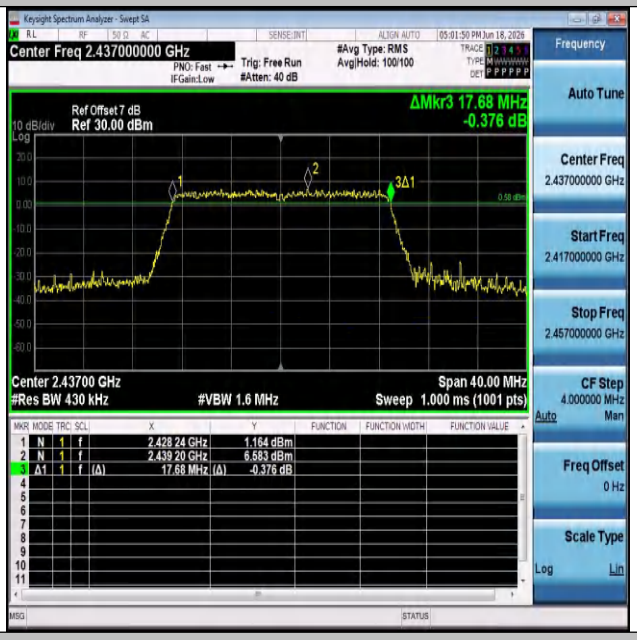


11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS

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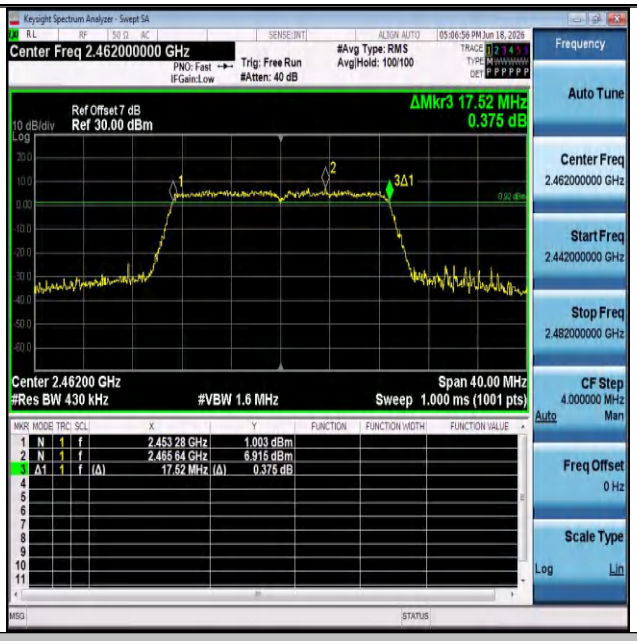

11N20SISO-Ant1-2462-PASS

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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.026	2404.5336	2419.5596	---	---
11B	Ant1	2437	15.031	2429.5260	2444.5570	---	---
11B	Ant1	2462	15.028	2454.5211	2469.5491	---	---
11G	Ant1	2412	16.835	2403.6163	2420.4513	---	---
11G	Ant1	2437	16.891	2428.6004	2445.4914	---	---
11G	Ant1	2462	16.801	2453.6528	2470.4538	---	---
11N20SISO	Ant1	2412	17.699	2403.2146	2420.9136	---	---
11N20SISO	Ant1	2437	17.678	2428.2053	2445.8833	---	---
11N20SISO	Ant1	2462	17.744	2453.1825	2470.9265	---	---

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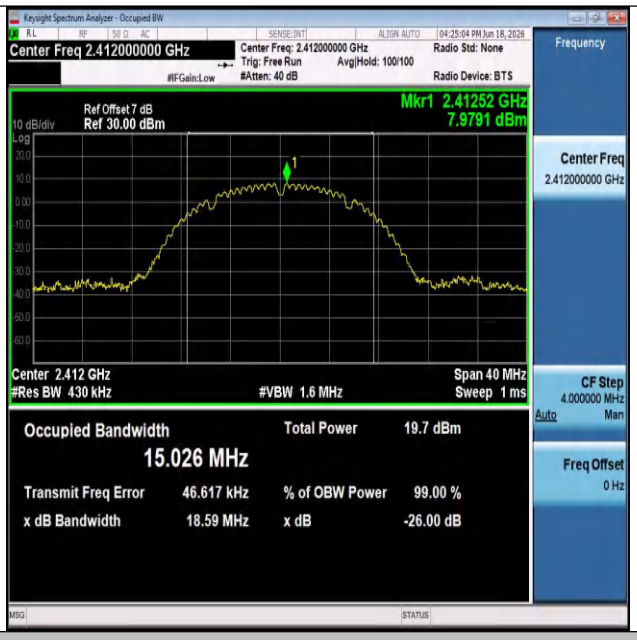
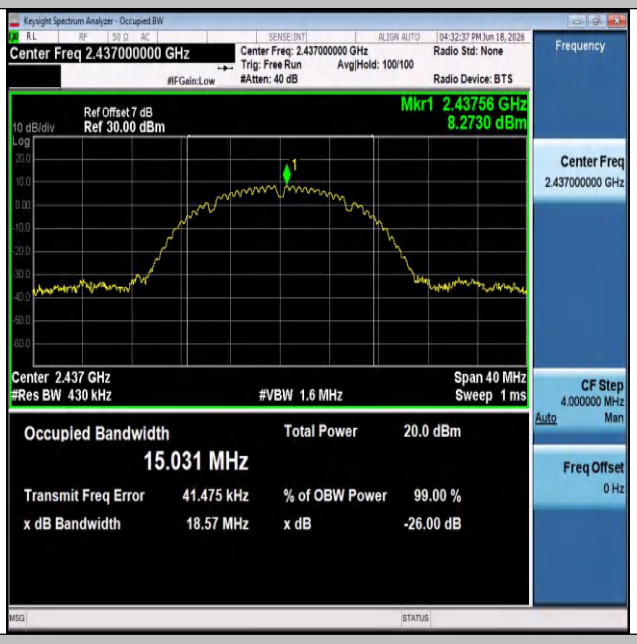
Test Graphs



11B-Ant1-2412



11B-Ant1-2437

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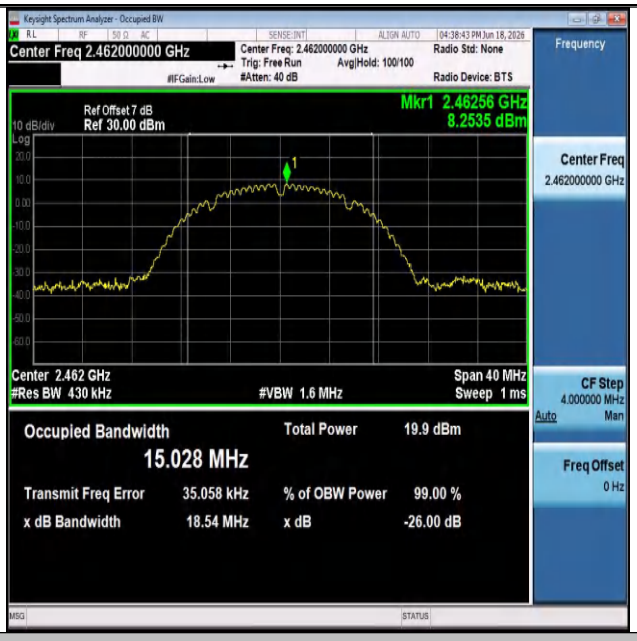
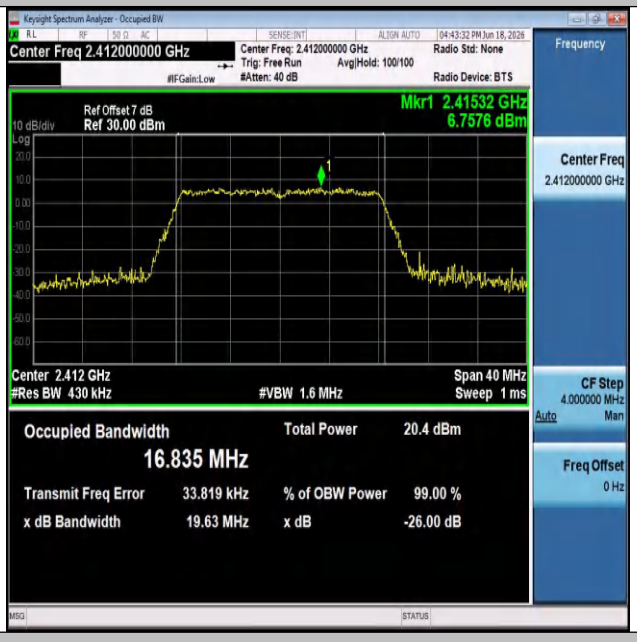


11B-Ant1-2462



11G-Ant1-2412

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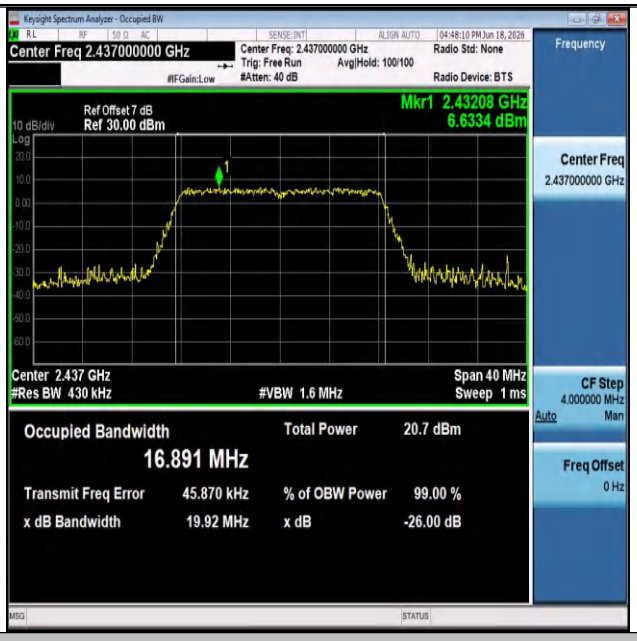
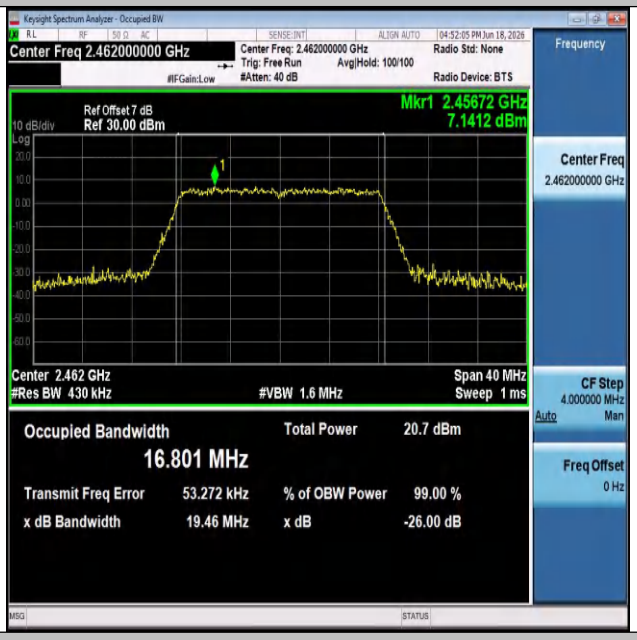


11G-Ant1-2437



11G-Ant1-2462

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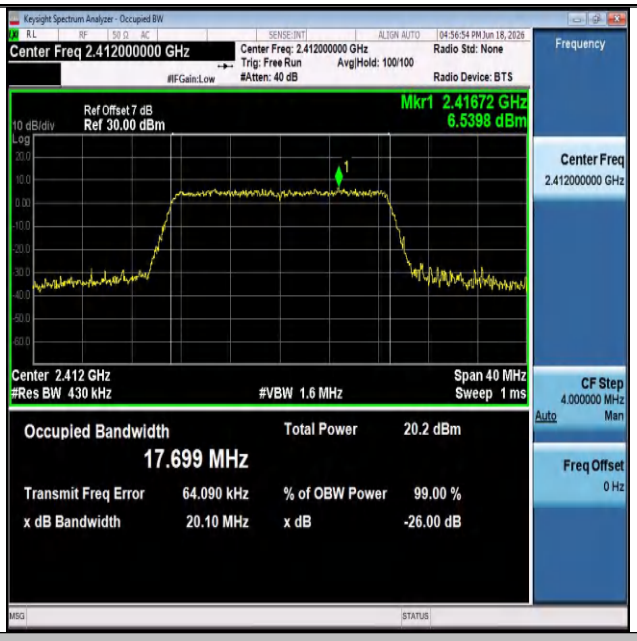
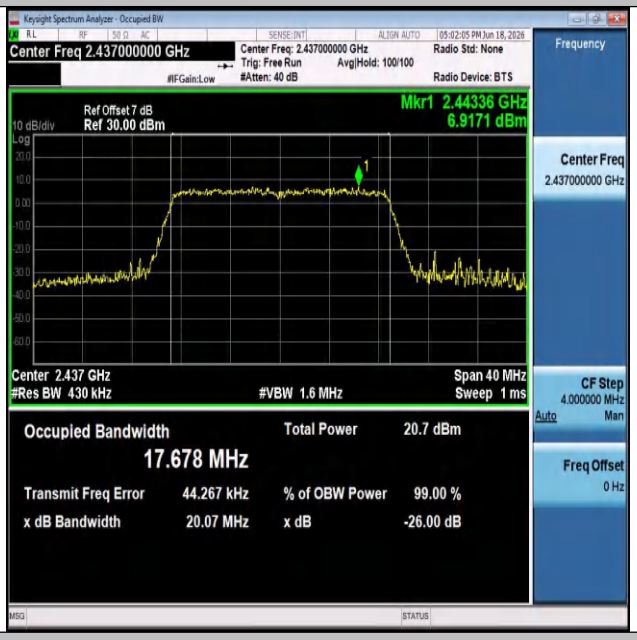


11N20SISO-Ant1-2412



11N20SISO-Ant1-2437

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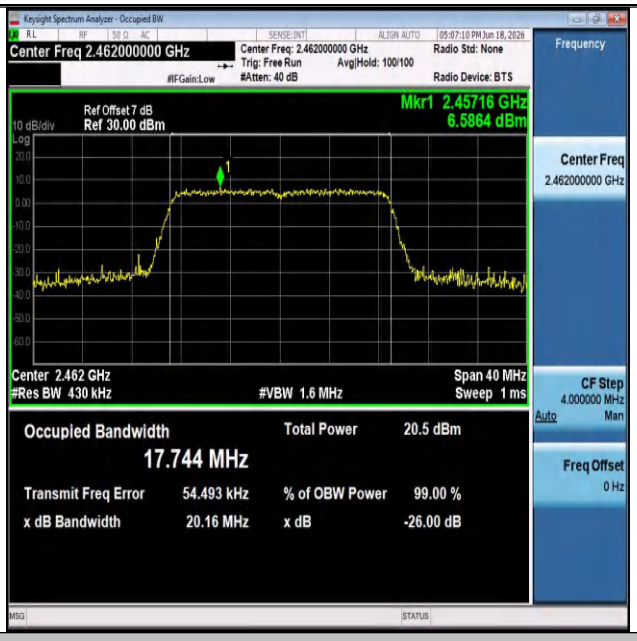

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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.69	≤30.00	PASS
11B	Ant1	2437	16.90	≤30.00	PASS
11B	Ant1	2462	**17.04**	≤30.00	PASS
11G	Ant1	2412	14.13	≤30.00	PASS
11G	Ant1	2437	14.41	≤30.00	PASS
11G	Ant1	2462	14.30	≤30.00	PASS
11N20SISO	Ant1	2412	13.84	≤30.00	PASS
11N20SISO	Ant1	2437	14.33	≤30.00	PASS
11N20SISO	Ant1	2462	14.28	≤30.00	PASS

Note：The cable loss are compensated in the graph.

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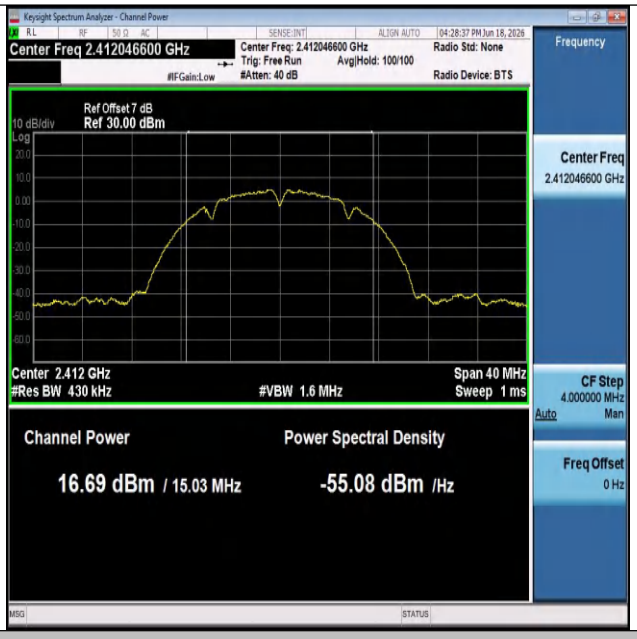
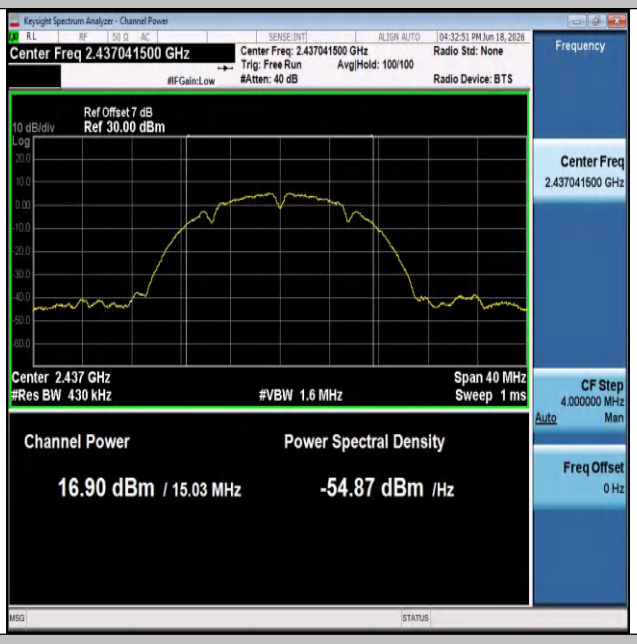
Test Graphs Average



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

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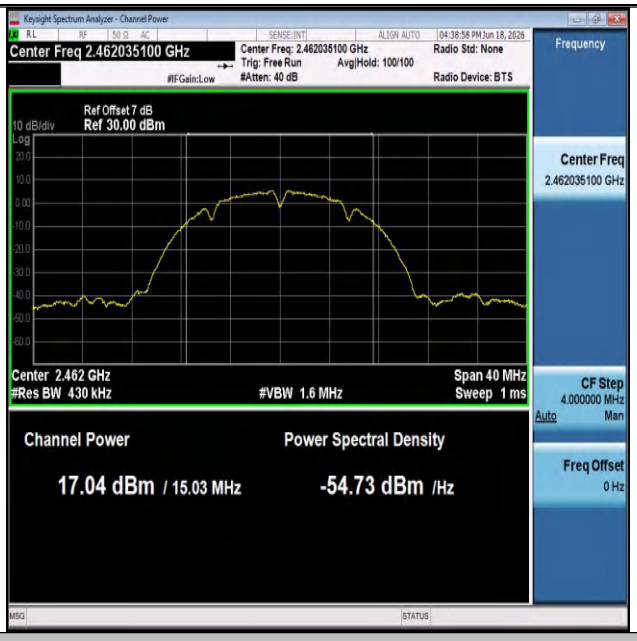
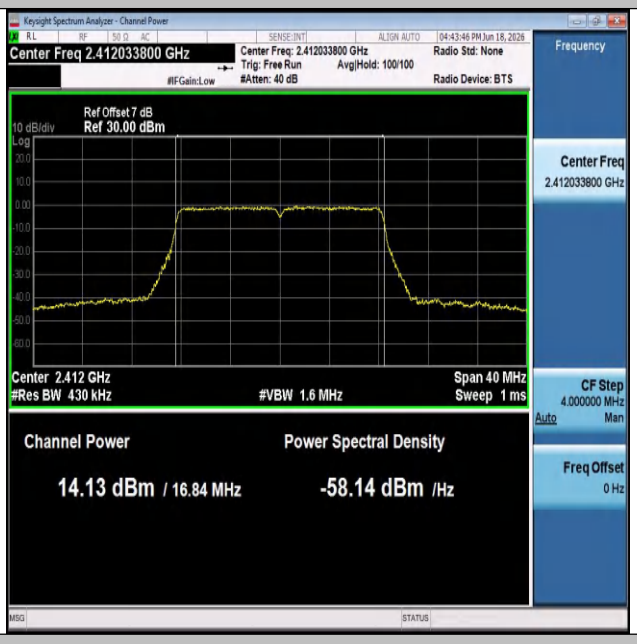


11B-Ant1-2462-PASS



11G-Ant1-2412-PASS

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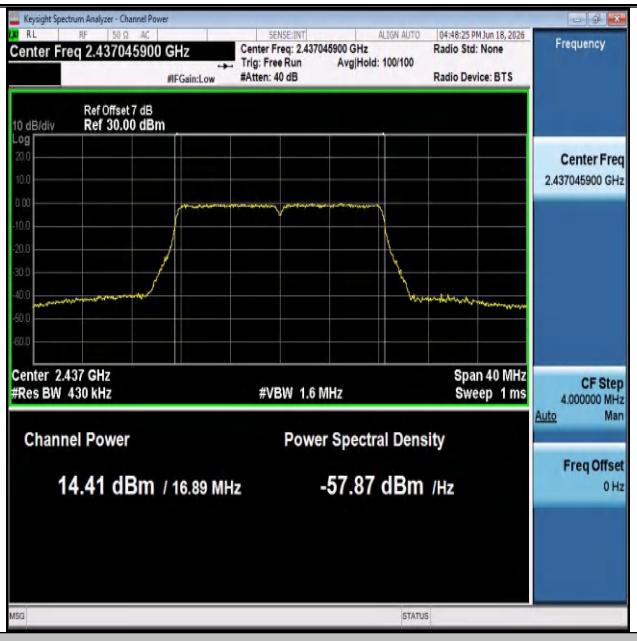
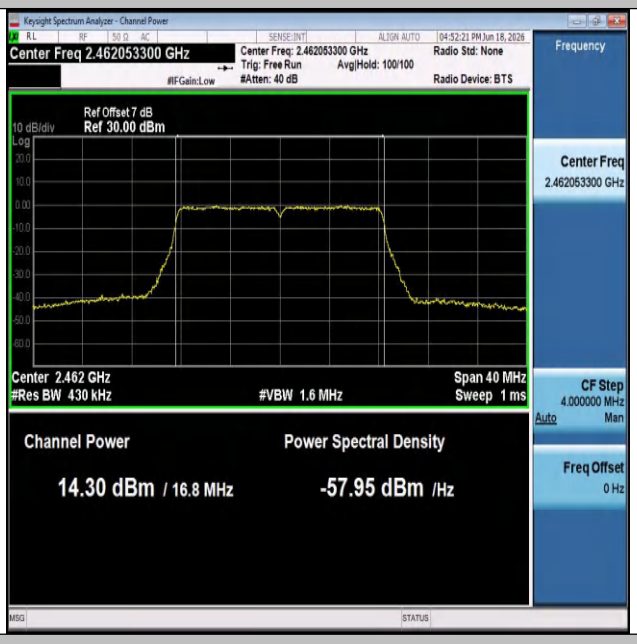


11G-Ant1-2437-PASS



11G-Ant1-2462-PASS

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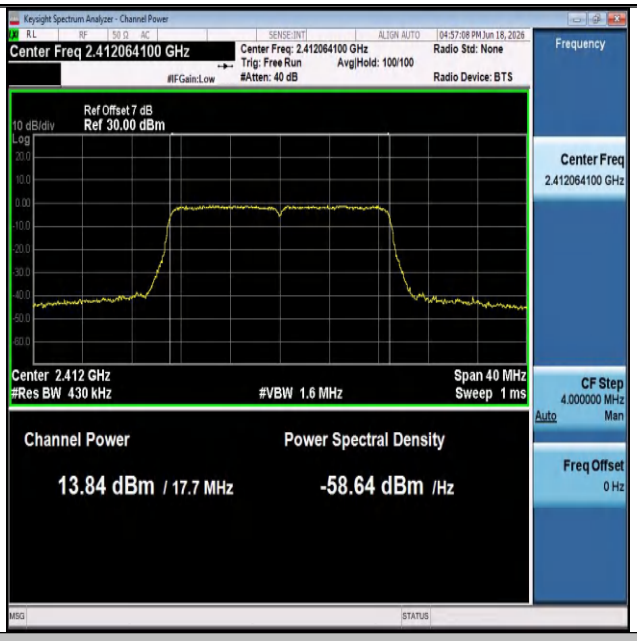
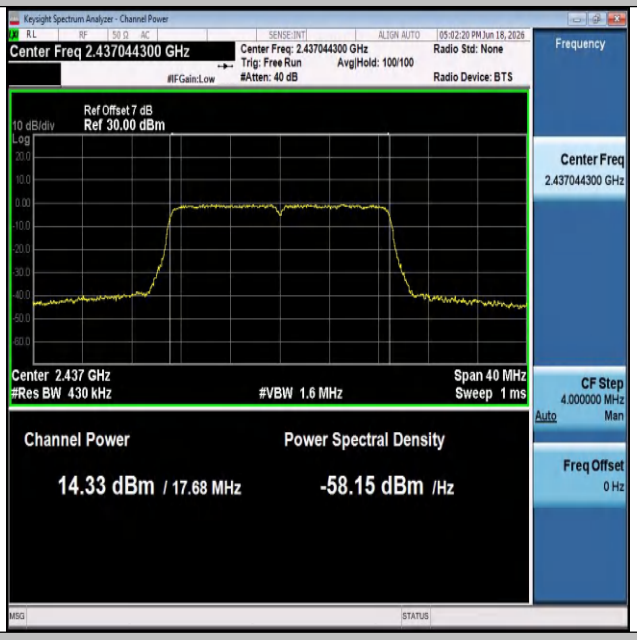


11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS

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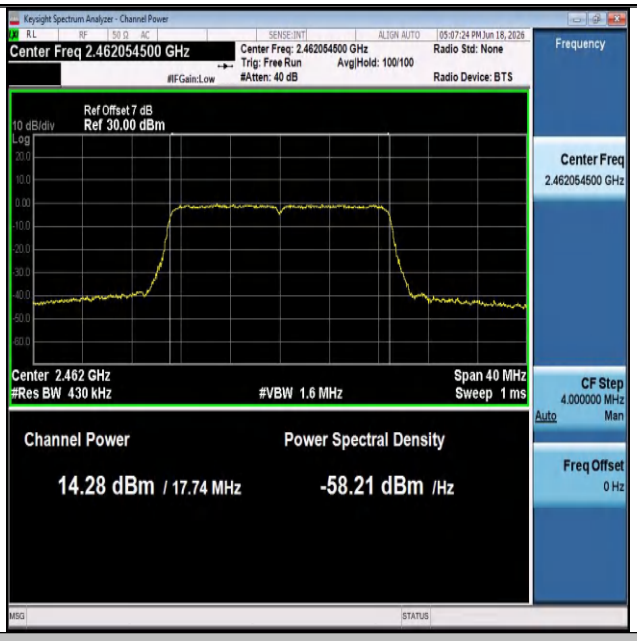

11N20SISO-Ant1-2462-PASS

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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.46	≤8.00	PASS
11B	Ant1	2437	-5.23	≤8.00	PASS
11B	Ant1	2462	-5.14	≤8.00	PASS
11G	Ant1	2412	-10.12	≤8.00	PASS
11G	Ant1	2437	-9.71	≤8.00	PASS
11G	Ant1	2462	-9.85	≤8.00	PASS
11N20SISO	Ant1	2412	-10.06	≤8.00	PASS
11N20SISO	Ant1	2437	-8.98	≤8.00	PASS
11N20SISO	Ant1	2462	-10.00	≤8.00	PASS

Note：

1. The cable loss are compensated in the graph.

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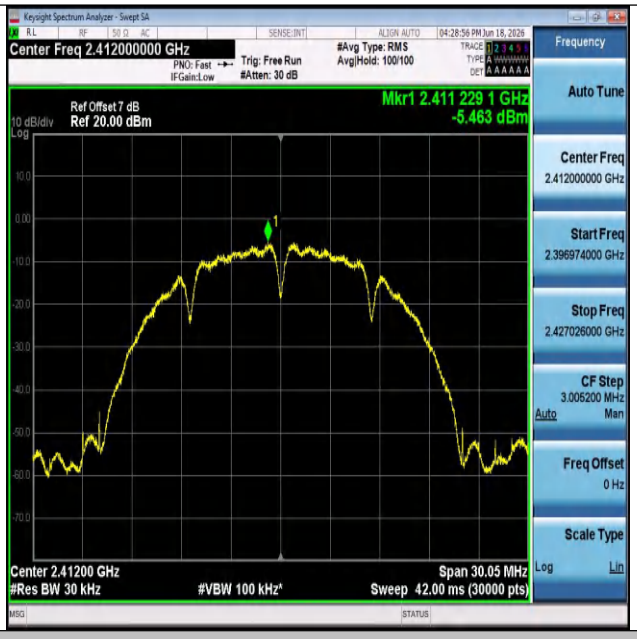
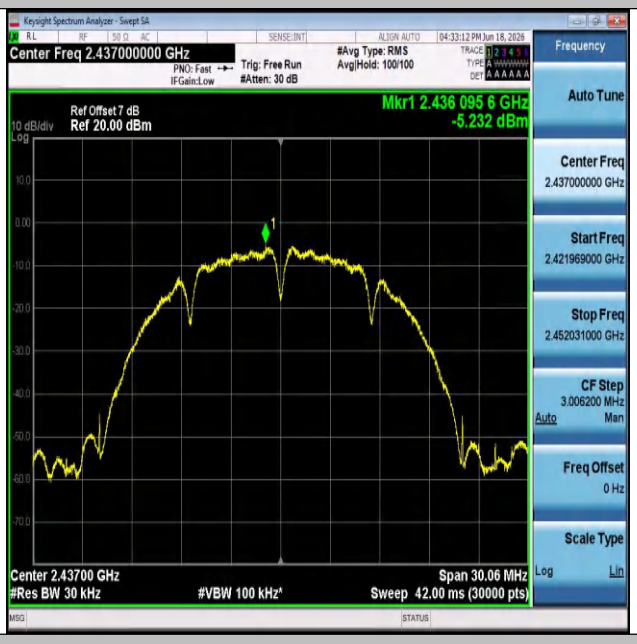
Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

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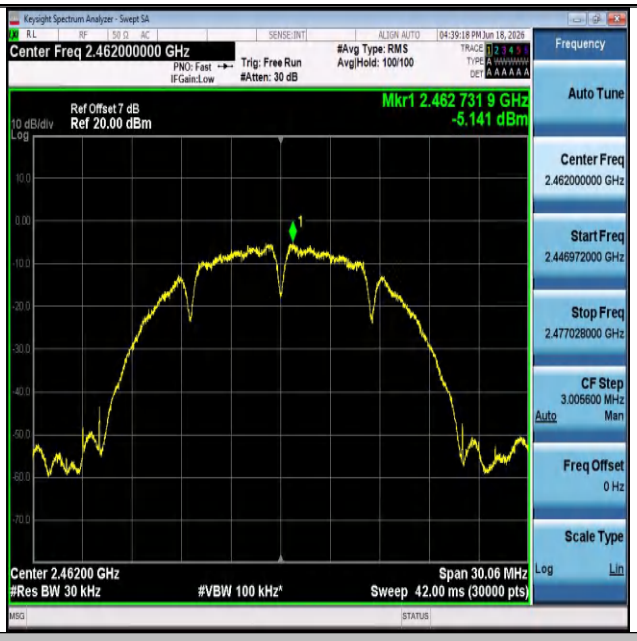
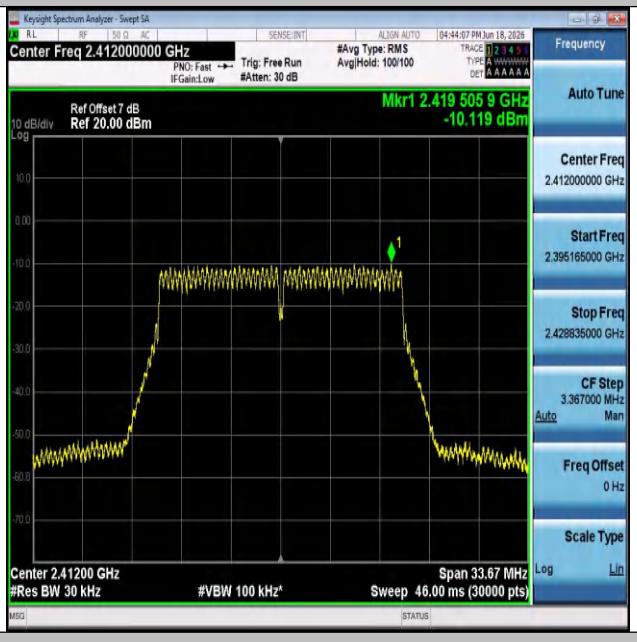


11B-Ant1-2462-PASS



11G-Ant1-2412-PASS

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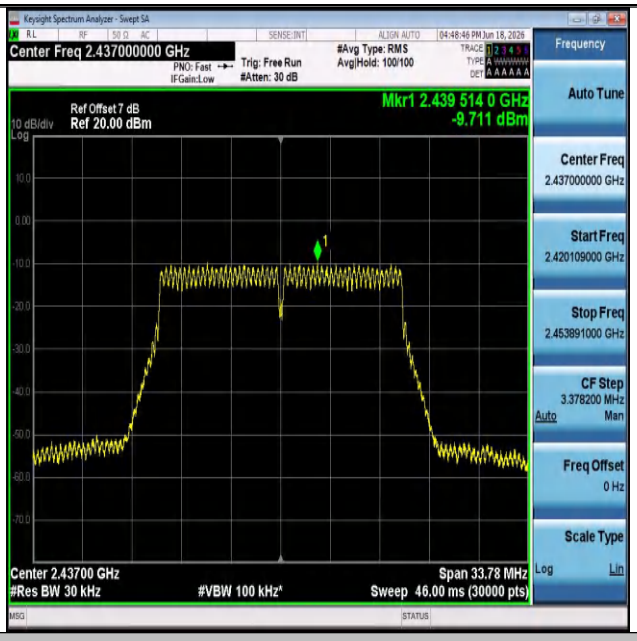

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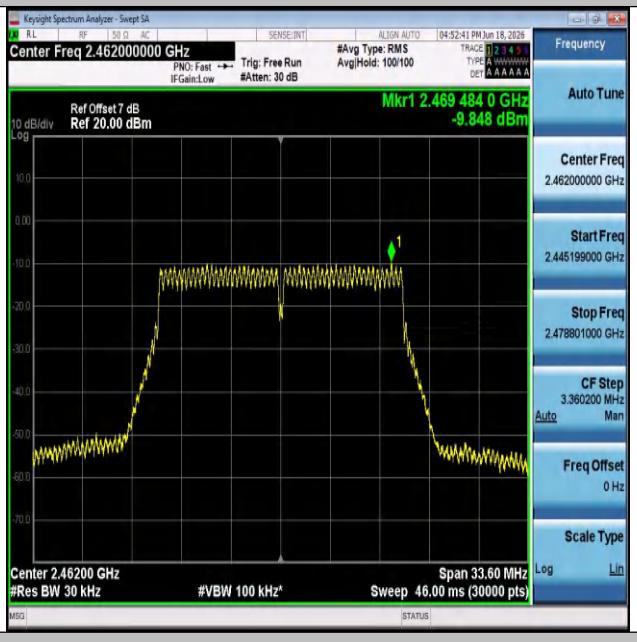

11G-Ant1-2462-PASS

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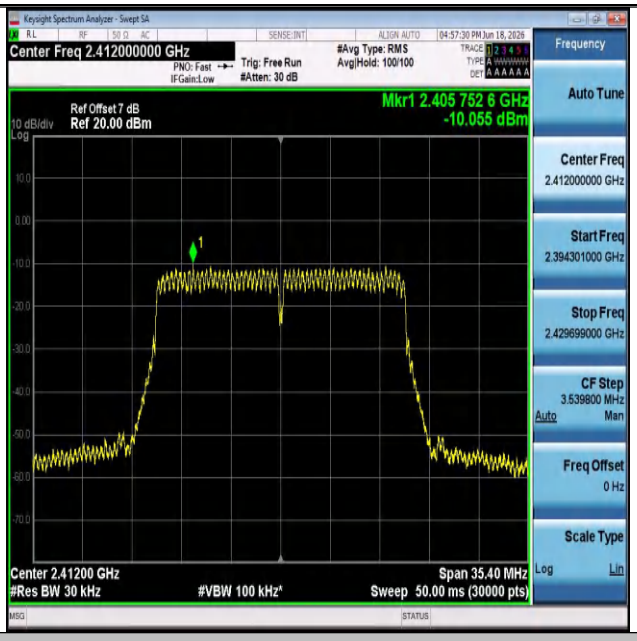
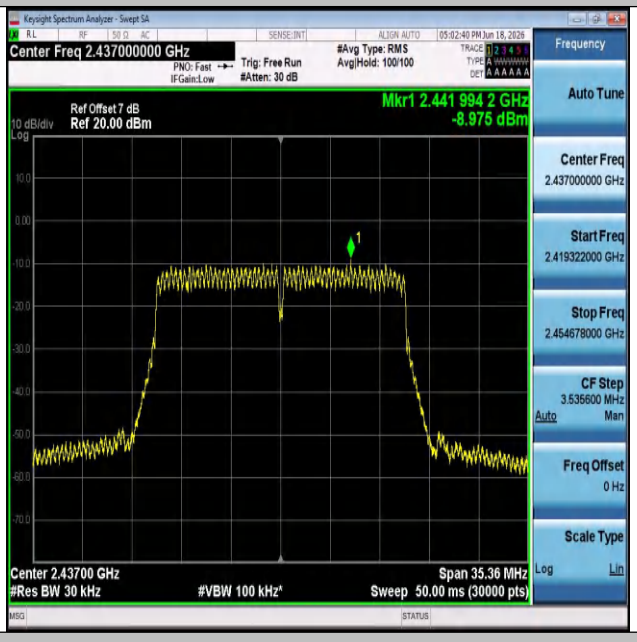


11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS

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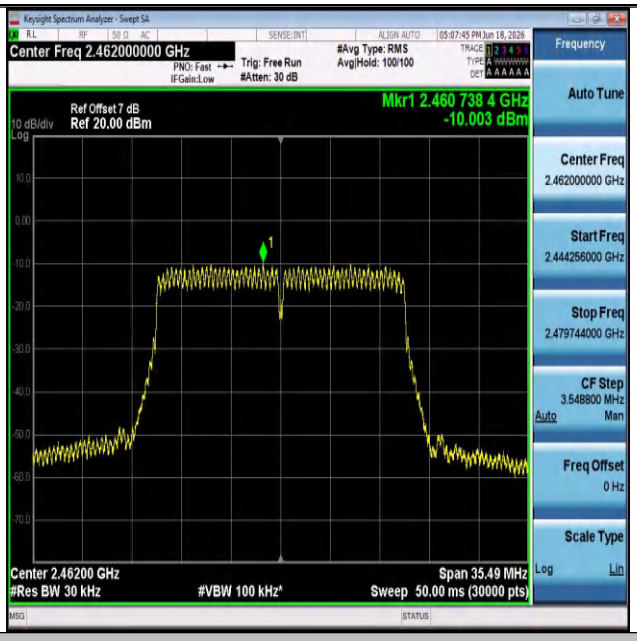

11N20SISO-Ant1-2462-PASS

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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.77	-39.84	≤-22.23	PASS
11B	Ant1	High	2462	7.34	-45.16	≤-22.66	PASS
11G	Ant1	Low	2412	2.81	-36.16	≤-27.19	PASS
11G	Ant1	High	2462	3.32	-44.03	≤-26.68	PASS
11N20SISO	Ant1	Low	2412	2.77	-36.38	≤-27.23	PASS
11N20SISO	Ant1	High	2462	3.34	-42.94	≤-26.66	PASS

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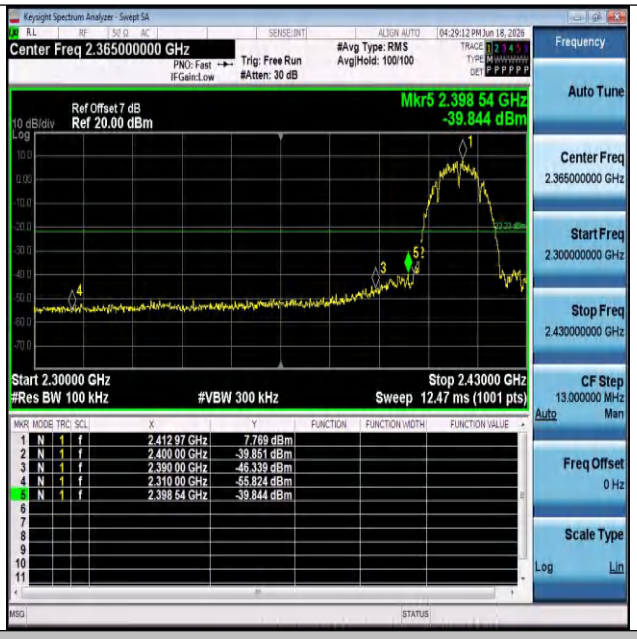
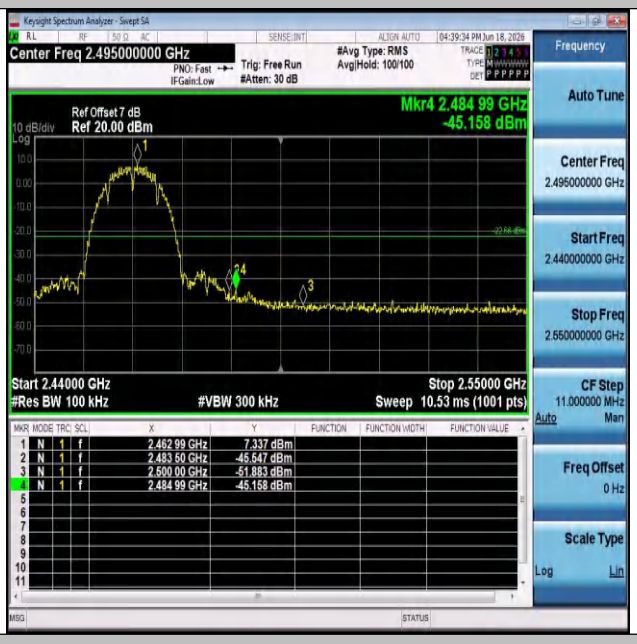
Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2462-PASS

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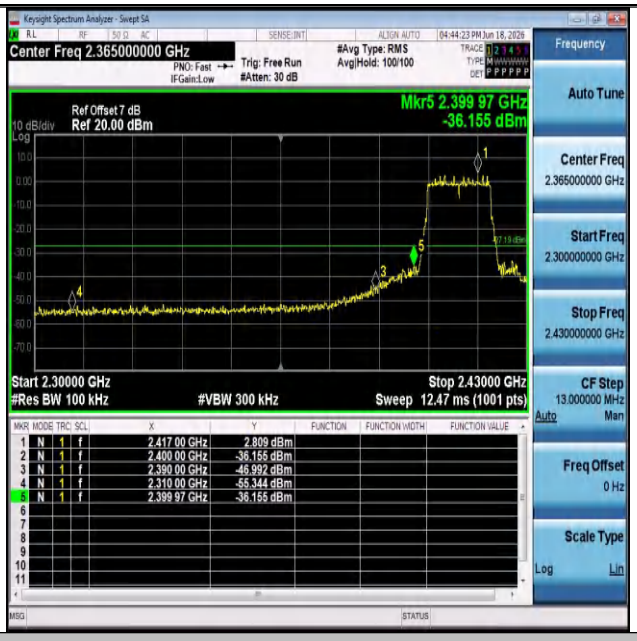

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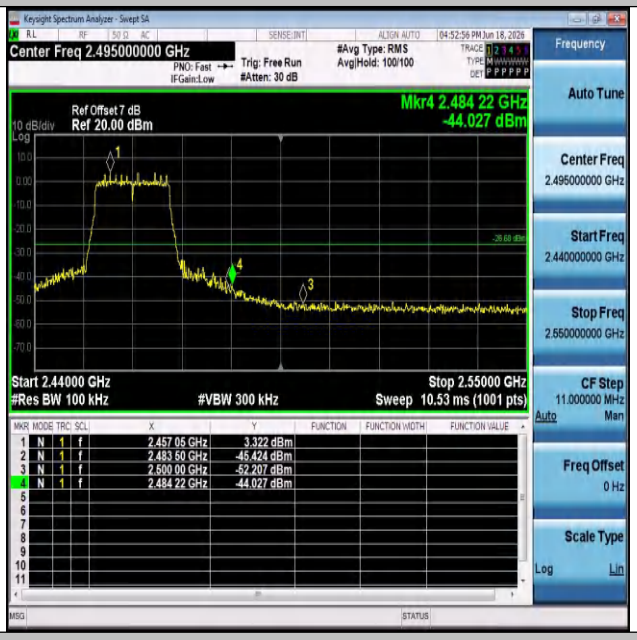

11G-Ant1-2462-PASS

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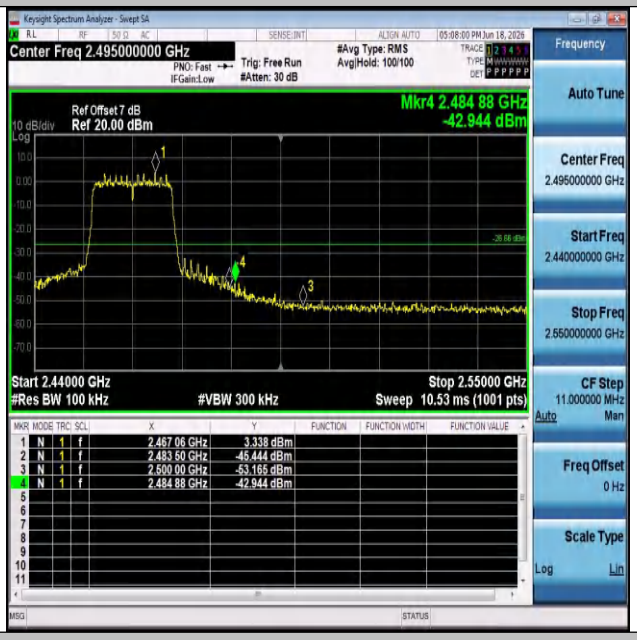
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS

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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	7.81	7.81	---	PASS
11B	Ant1	2412	30~1000	7.81	-52.97	≤-22.19	PASS
11B	Ant1	2412	1000~26500	7.81	-42.41	≤-22.19	PASS
11B	Ant1	2437	0~Reference	7.35	7.35	---	PASS
11B	Ant1	2437	30~1000	7.35	-53.15	≤-22.65	PASS
11B	Ant1	2437	1000~26500	7.35	-42.65	≤-22.65	PASS
11B	Ant1	2462	0~Reference	7.94	7.94	---	PASS
11B	Ant1	2462	30~1000	7.94	-52.93	≤-22.06	PASS
11B	Ant1	2462	1000~26500	7.94	-42.9	≤-22.06	PASS
11G	Ant1	2412	0~Reference	2.81	2.81	---	PASS
11G	Ant1	2412	30~1000	2.81	-52.6	≤-27.19	PASS
11G	Ant1	2412	1000~26500	2.81	-42.39	≤-27.19	PASS
11G	Ant1	2437	0~Reference	3.28	3.28	---	PASS
11G	Ant1	2437	30~1000	3.28	-53	≤-26.72	PASS
11G	Ant1	2437	1000~26500	3.28	-41.77	≤-26.72	PASS
11G	Ant1	2462	0~Reference	3.30	3.30	---	PASS
11G	Ant1	2462	30~1000	3.30	-53.13	≤-26.7	PASS
11G	Ant1	2462	1000~26500	3.30	-42.61	≤-26.7	PASS
11N20SISO	Ant1	2412	0~Reference	2.93	2.93	---	PASS
11N20SISO	Ant1	2412	30~1000	2.93	-53.27	≤-27.07	PASS
11N20SISO	Ant1	2412	1000~26500	2.93	-42.28	≤-27.07	PASS
11N20SISO	Ant1	2437	0~Reference	3.13	3.13	---	PASS
11N20SISO	Ant1	2437	30~1000	3.13	-52.58	≤-26.87	PASS
11N20SISO	Ant1	2437	1000~26500	3.13	-42.75	≤-26.87	PASS
11N20SISO	Ant1	2462	0~Reference	2.79	2.79	---	PASS
11N20SISO	Ant1	2462	30~1000	2.79	-52.41	≤-27.21	PASS
11N20SISO	Ant1	2462	1000~26500	2.79	-42.65	≤-27.21	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

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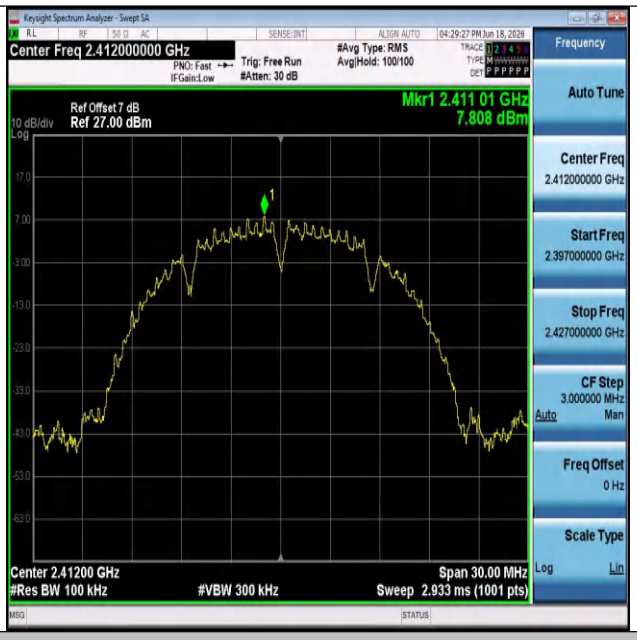
Test Graphs



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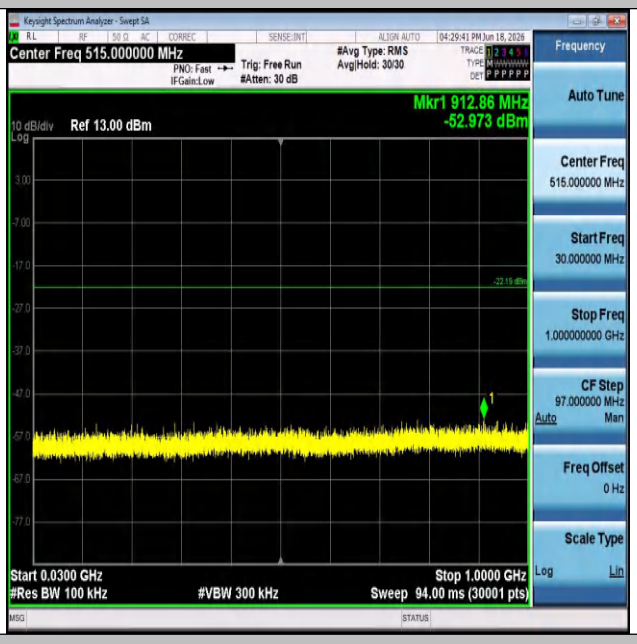

11B-Ant1-2412-30~1000-PASS

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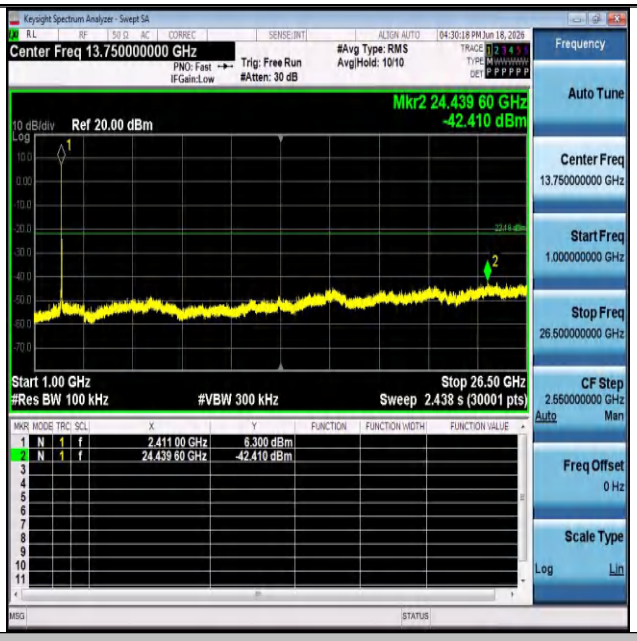

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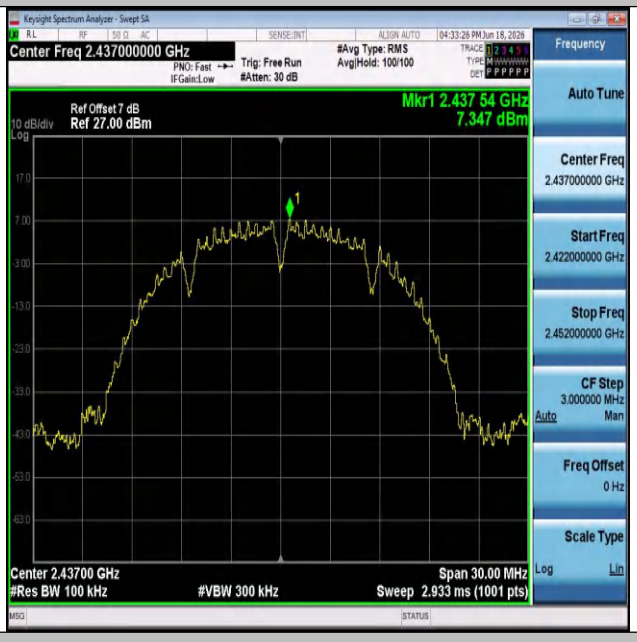

11B-Ant1-2437-0~Reference-PASS

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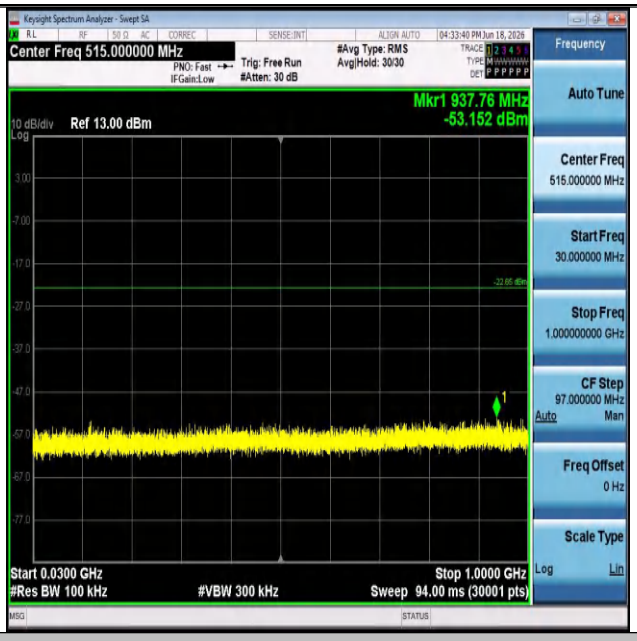

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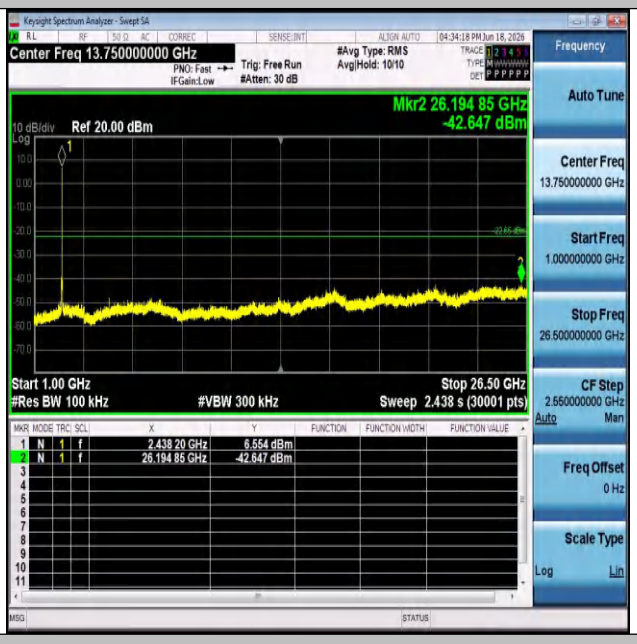

11B-Ant1-2437-1000~26500-PASS

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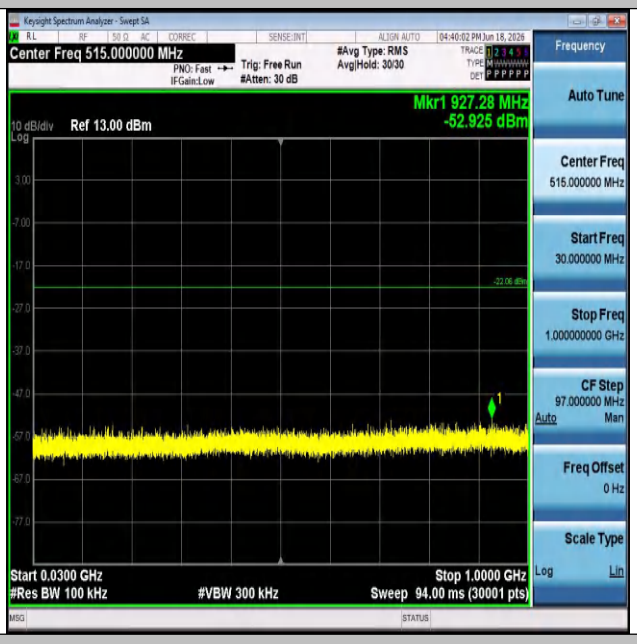
11B-Ant1-2462-0~Reference-PASS



11B-Ant1-2462-30~1000-PASS

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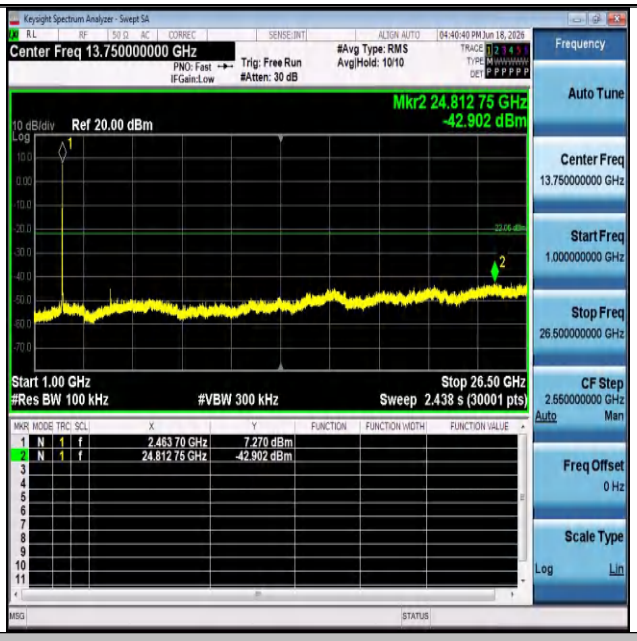

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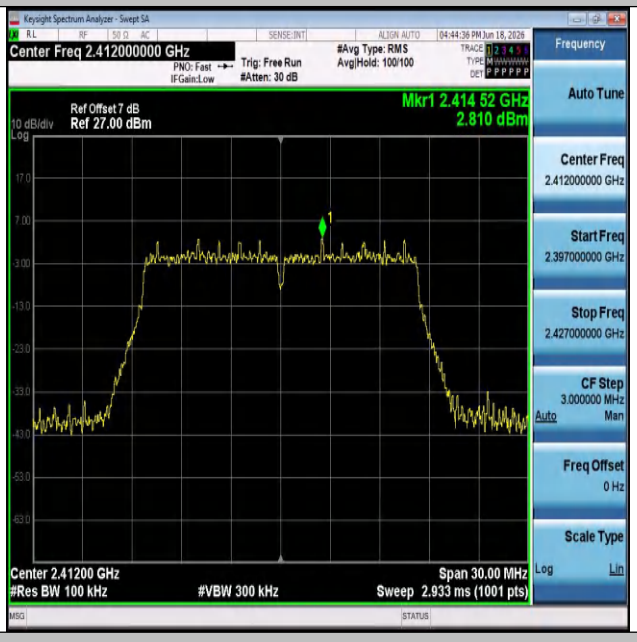

11G-Ant1-2412-0~Reference-PASS

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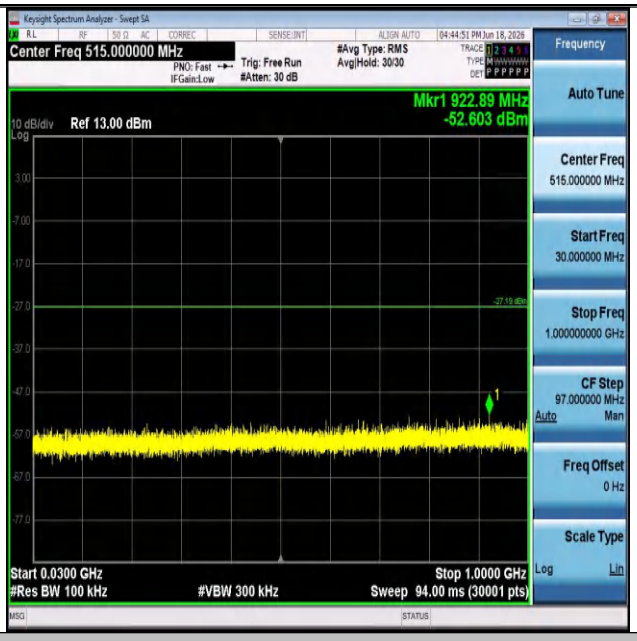

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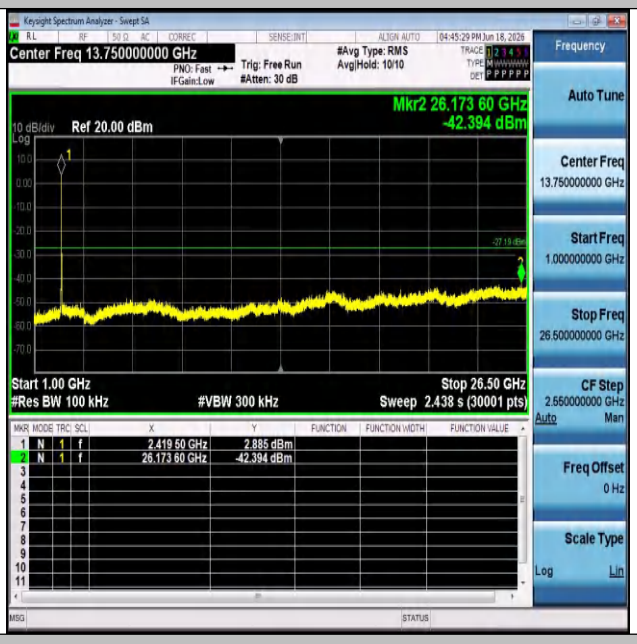

11G-Ant1-2412-1000~26500-PASS

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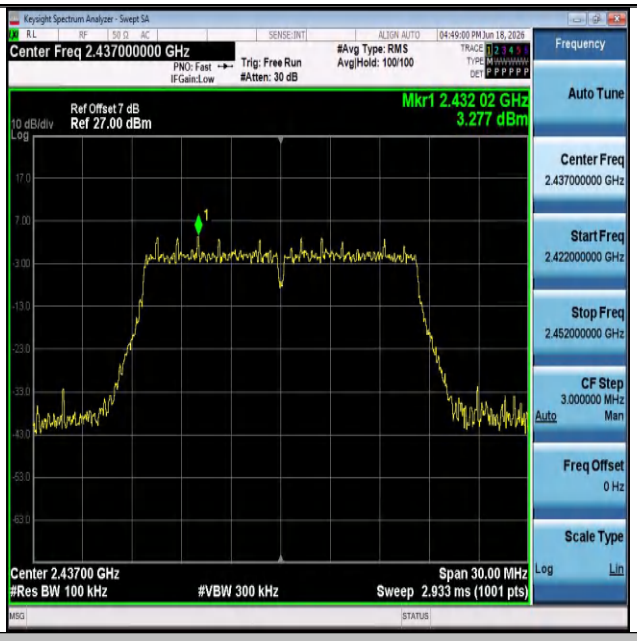

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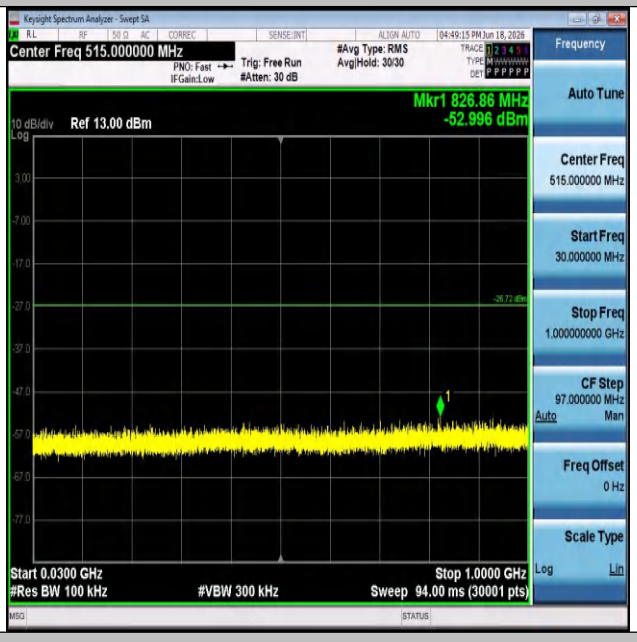

11G-Ant1-2437-30~1000-PASS

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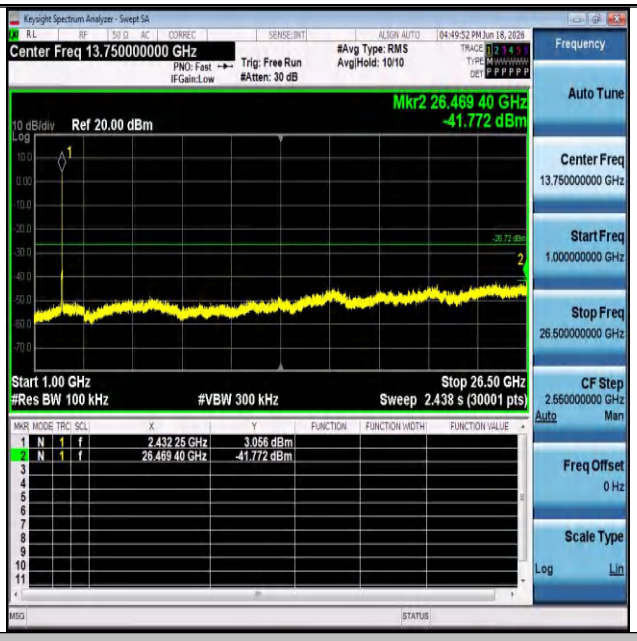

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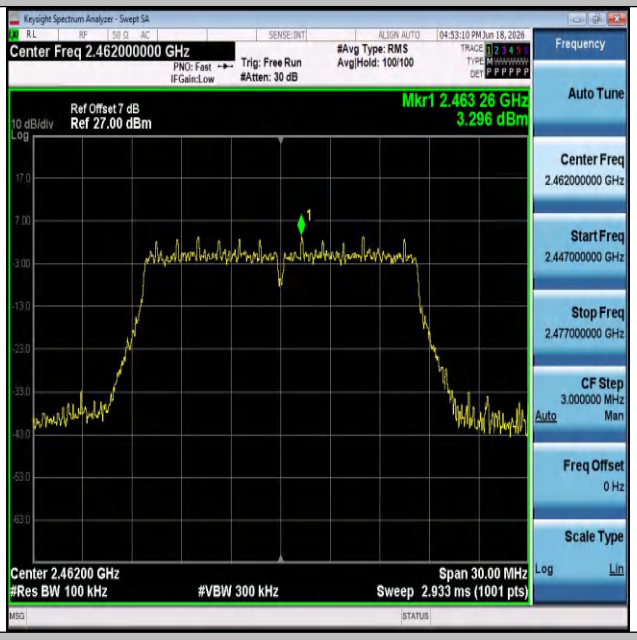

11G-Ant1-2462-0~Reference-PASS

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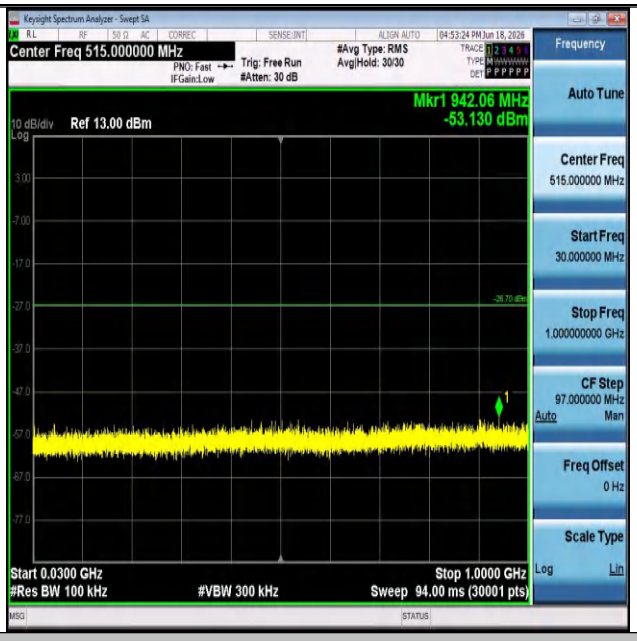

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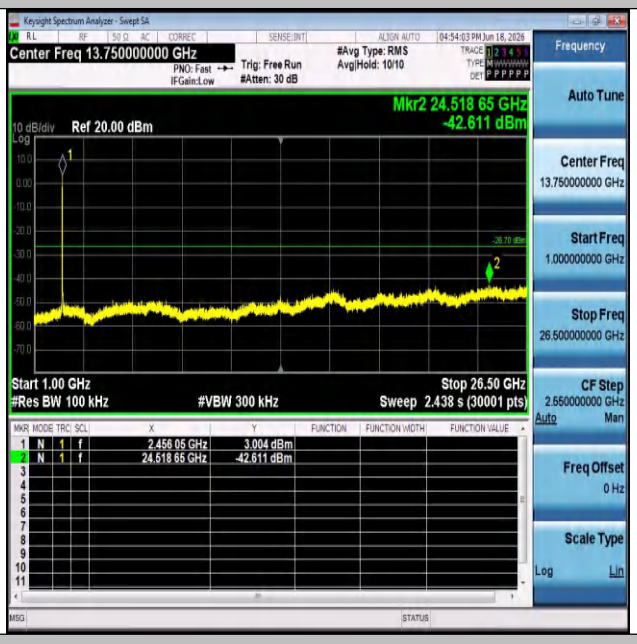

11G-Ant1-2462-1000~26500-PASS

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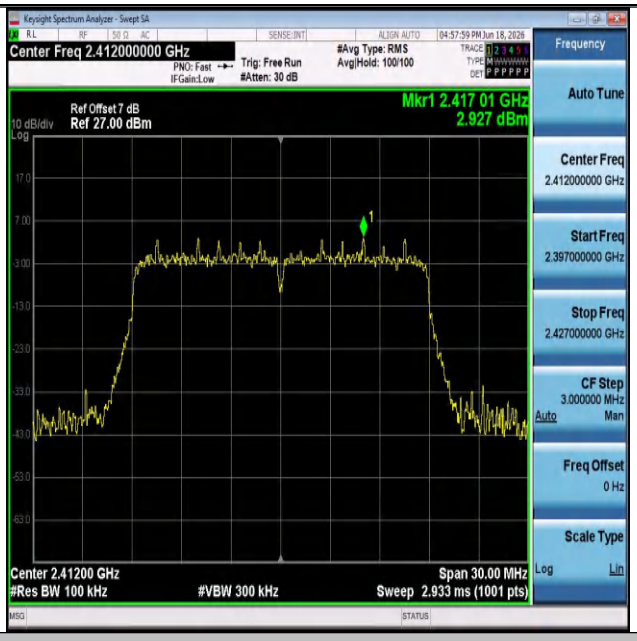

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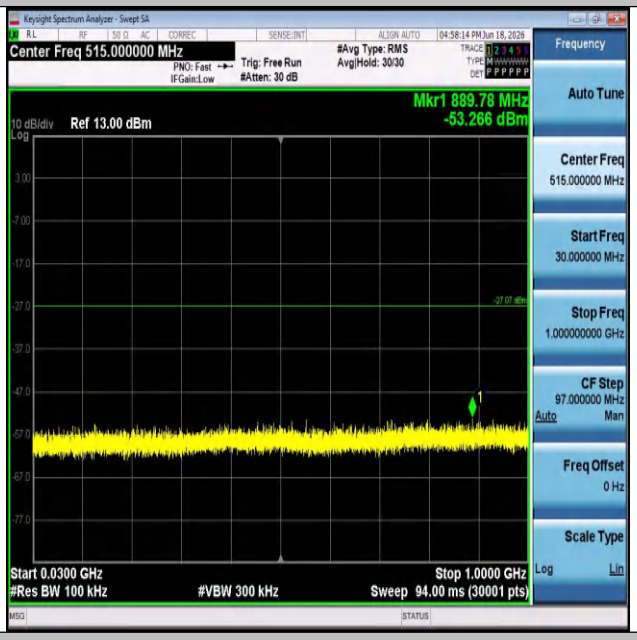

11N20SISO-Ant1-2412-30~1000-PASS

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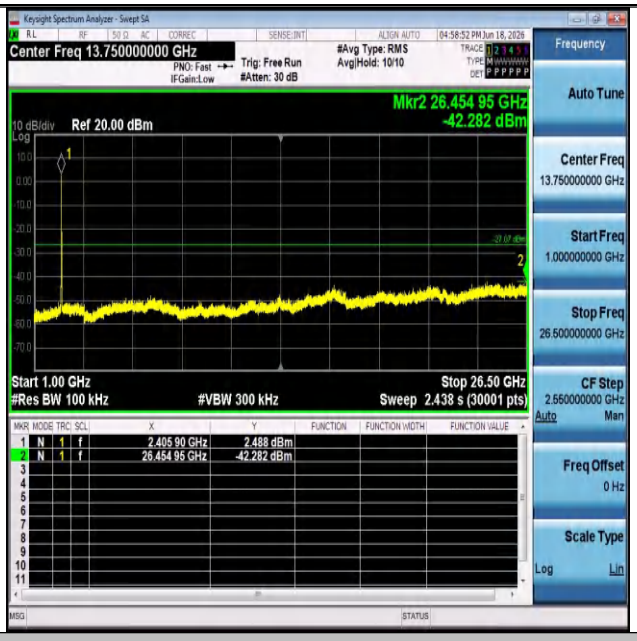

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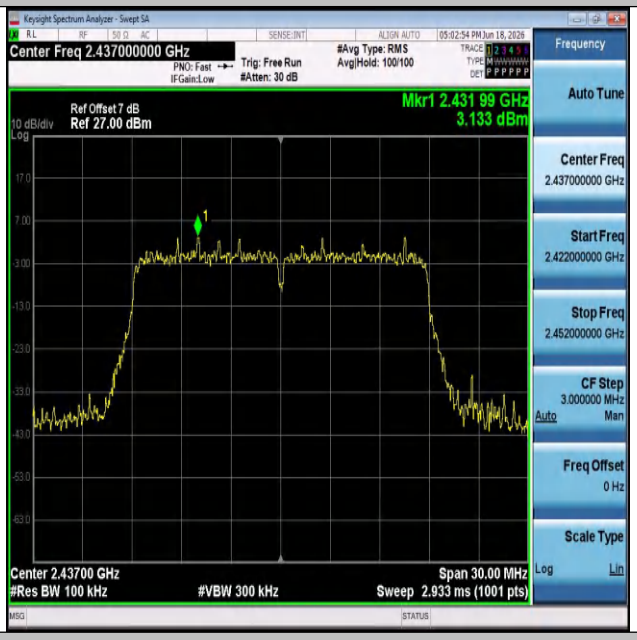

11N20SISO-Ant1-2437-0~Reference-PASS

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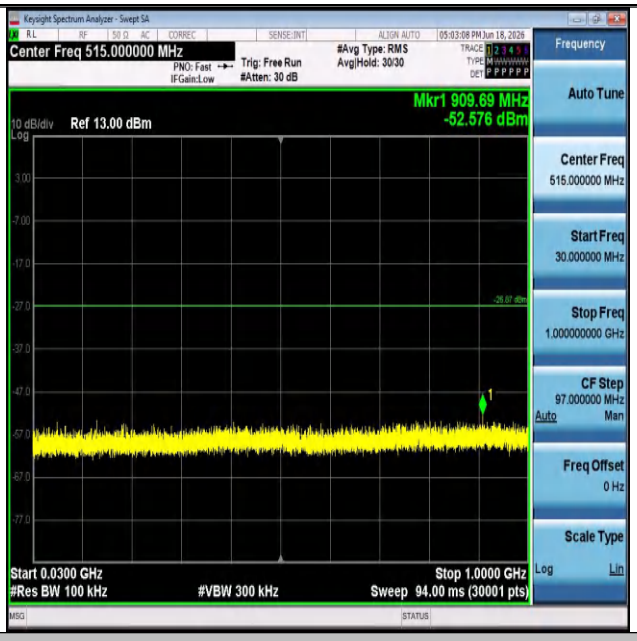

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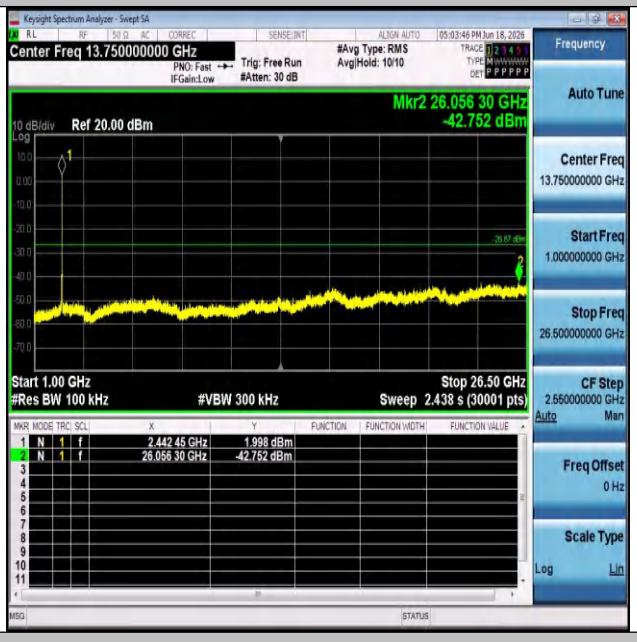

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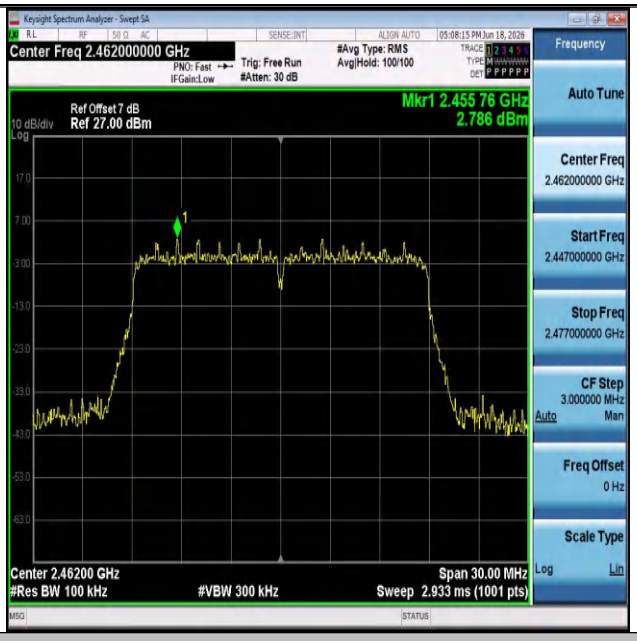

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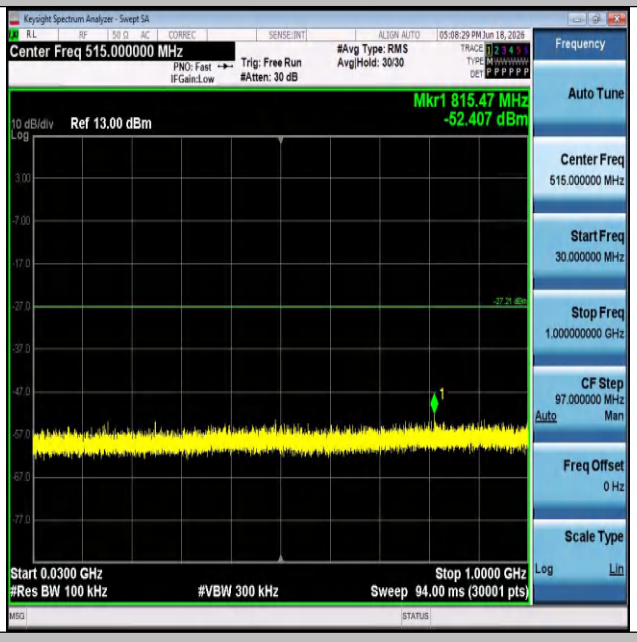

11N20SISO-Ant1-2462-30~1000-PASS

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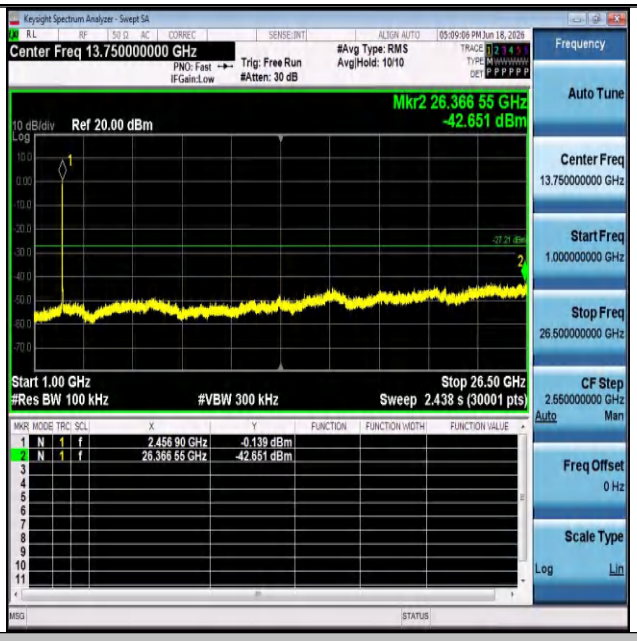

11N20SISO-Ant1-2462-1000~26500-PASS

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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00

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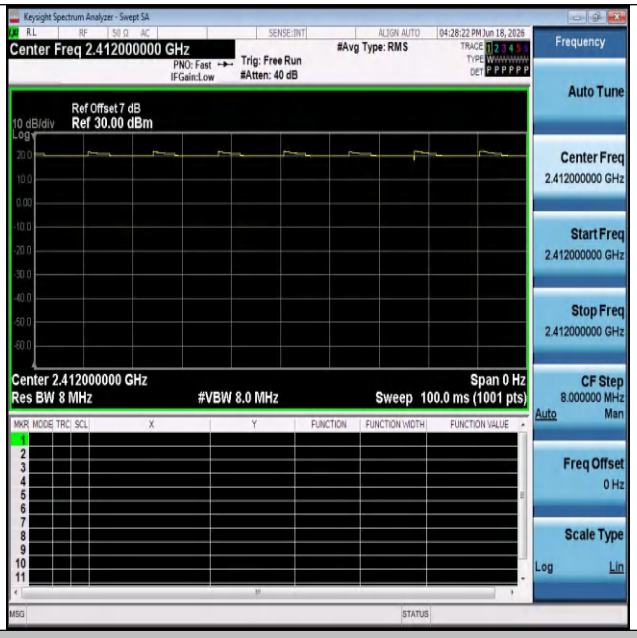
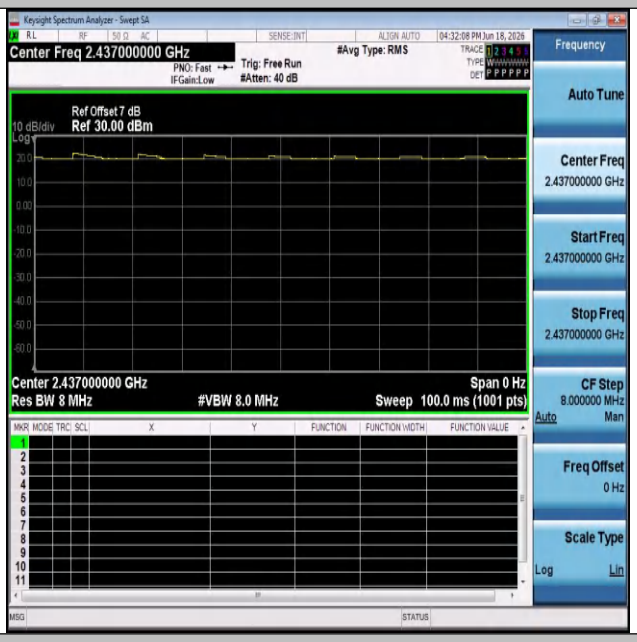
Test Graphs



NTNV-11B-Ant1-2412



NTNV-11B-Ant1-2437

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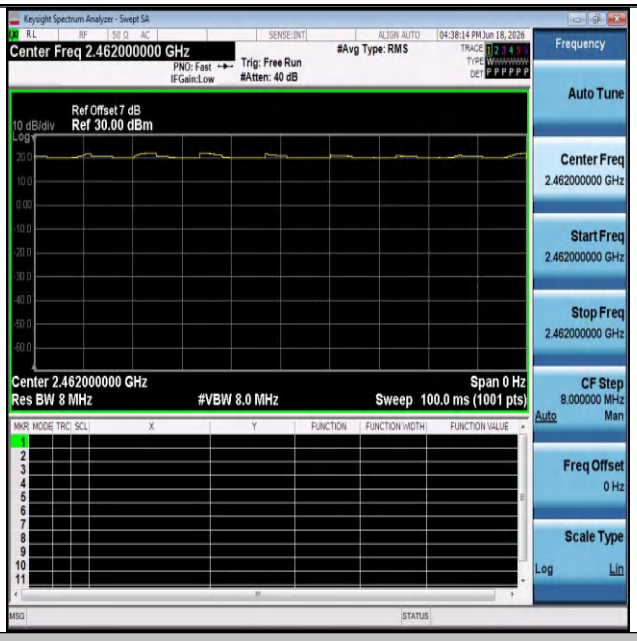
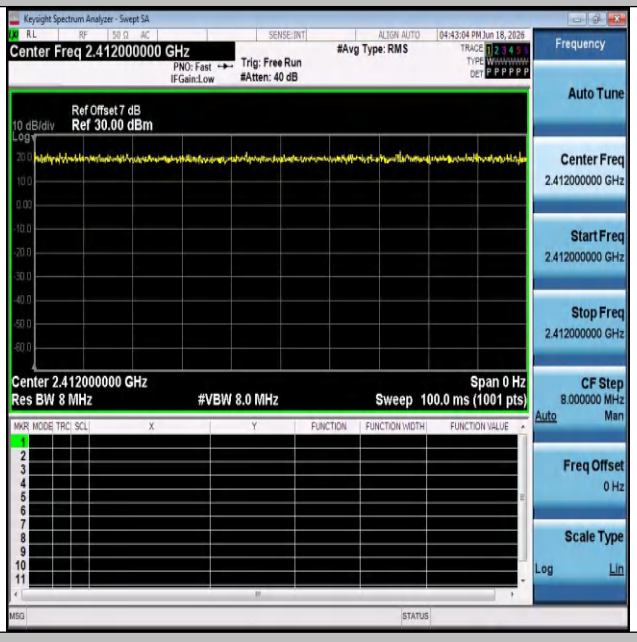


NTNV-11B-Ant1-2462



NTNV-11G-Ant1-2412

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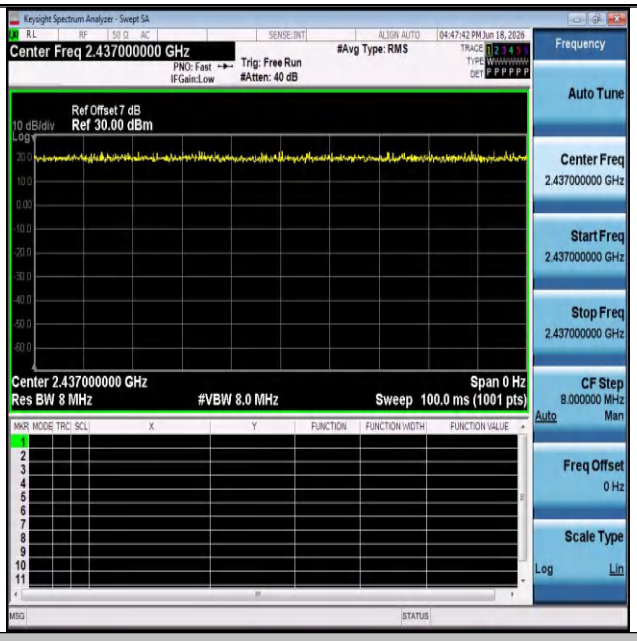
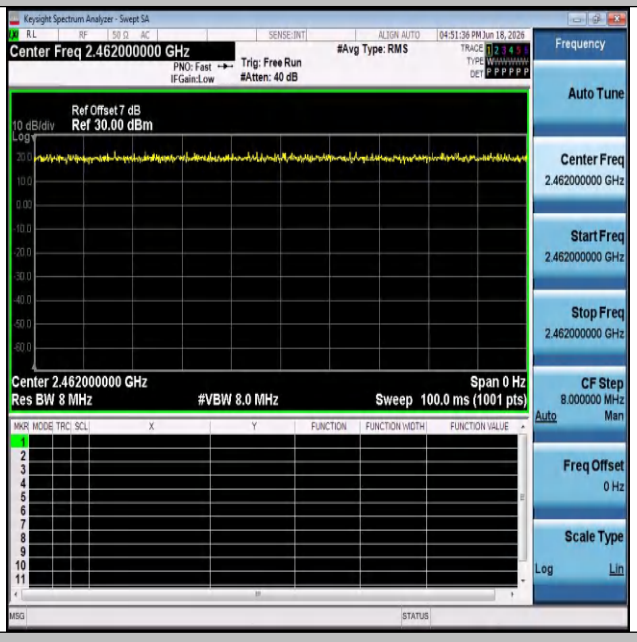


NTNV-11G-Ant1-2437



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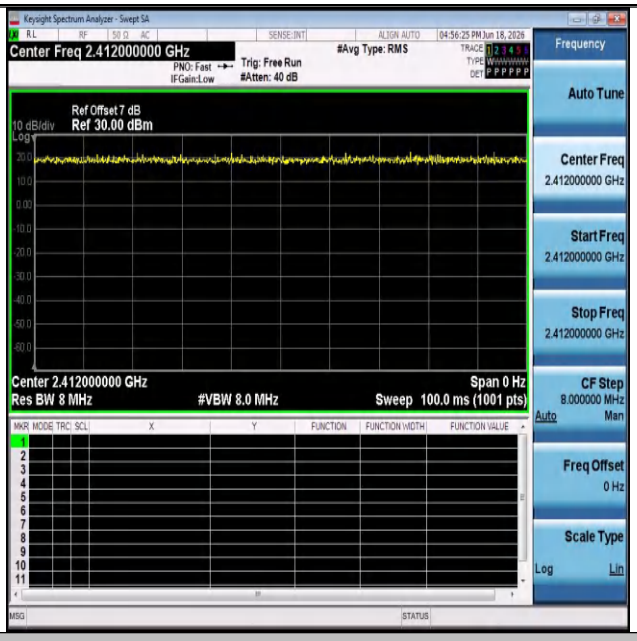
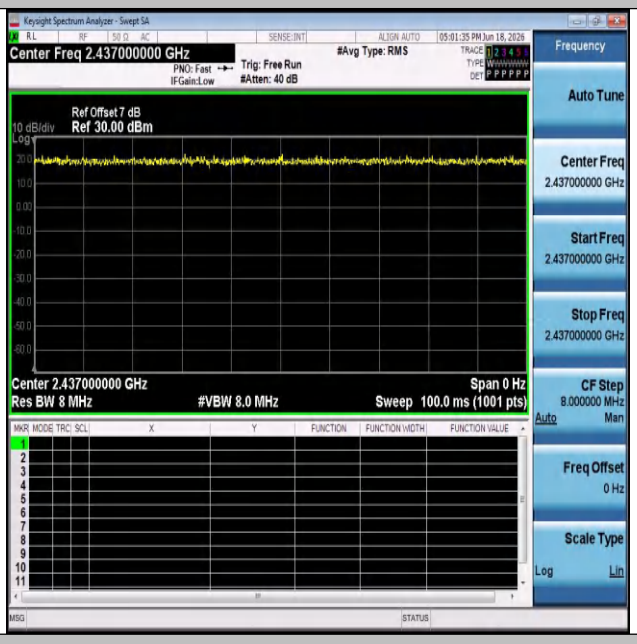


NTNV-11N20SISO-Ant1-2412



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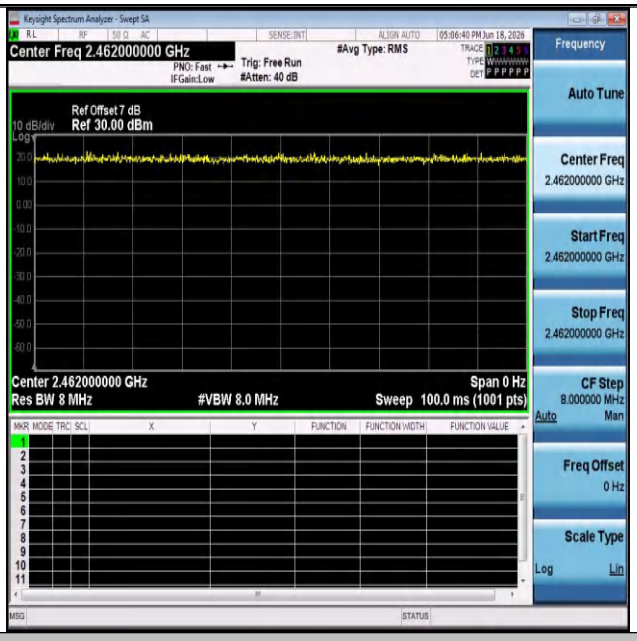

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