Appendix Test Data

Report No.:	1812C60290712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-2	Finish Test Date:	2026-7-29
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22.3℃	Relative Humidity:	62%
Pressure:	100.4kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.280	2407.400	2416.680	0.5	PASS
11B	Ant1	2437	9.280	2432.400	2441.680	0.5	PASS
11B	Ant1	2462	9.280	2457.400	2466.680	0.5	PASS
11G	Ant1	2412	16.400	2403.880	2420.280	0.5	PASS
11G	Ant1	2437	16.320	2428.880	2445.200	0.5	PASS
11G	Ant1	2462	16.440	2453.840	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.320	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.640	2428.240	2445.880	0.5	PASS
11N20SISO	Ant1	2462	17.560	2453.240	2470.800	0.5	PASS

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Test Graphs

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

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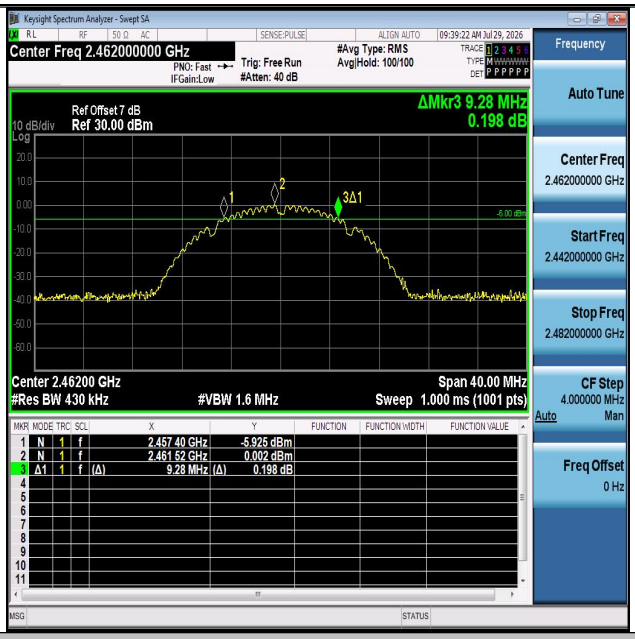

11B-Ant1-2462-PASS

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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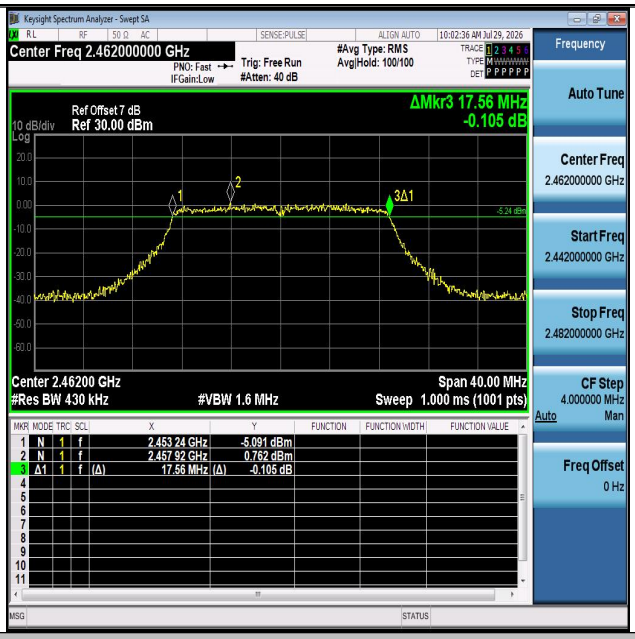

11N20SISO-Ant1-2462-PASS

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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	14.193	2404.9585	2419.1515	---	---
11B	Ant1	2437	14.189	2429.9616	2444.1506	---	---
11B	Ant1	2462	14.180	2454.9633	2469.1433	---	---
11G	Ant1	2412	17.160	2403.4427	2420.6027	---	---
11G	Ant1	2437	17.152	2428.4845	2445.6365	---	---
11G	Ant1	2462	17.214	2453.4629	2470.6769	---	---
11N20SISO	Ant1	2412	18.242	2402.9399	2421.1819	---	---
11N20SISO	Ant1	2437	18.226	2427.9627	2446.1887	---	---
11N20SISO	Ant1	2462	18.162	2453.0345	2471.1965	---	---

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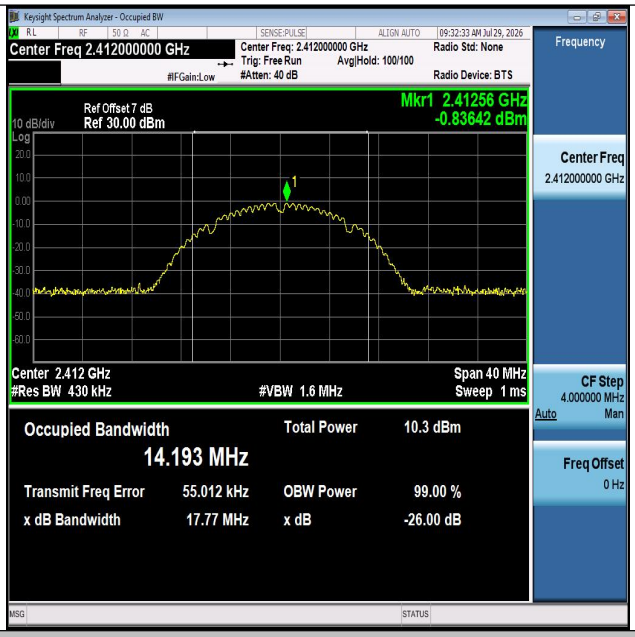
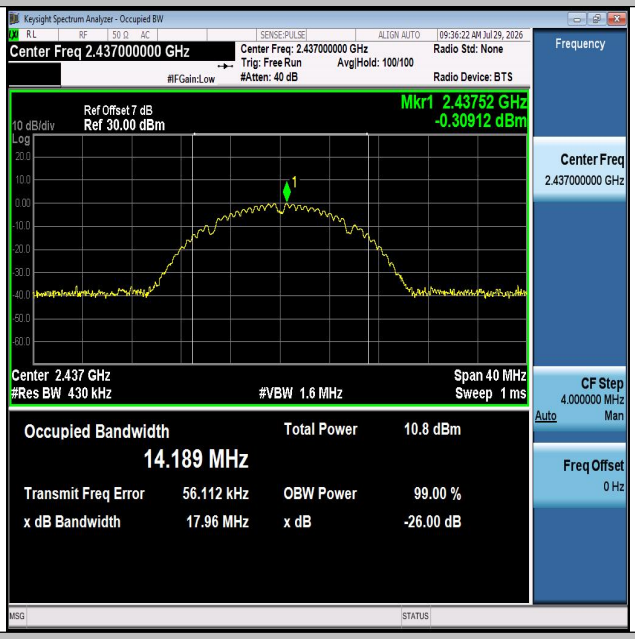
Test Graphs



11B-Ant1-2412



11B-Ant1-2437

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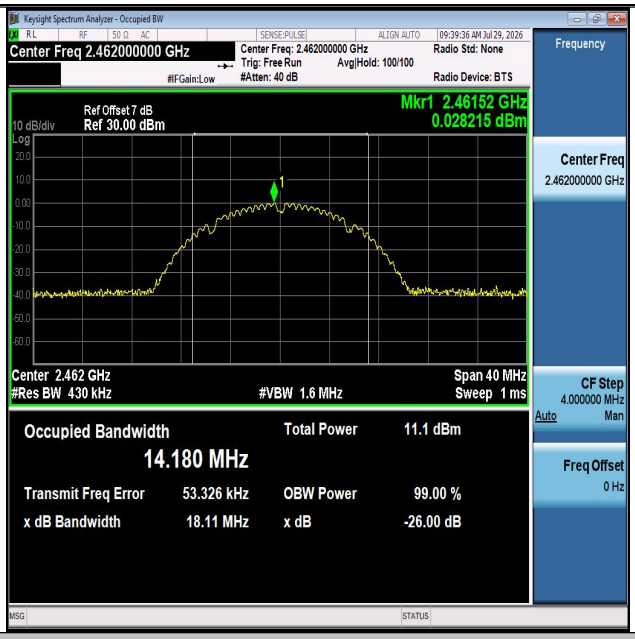
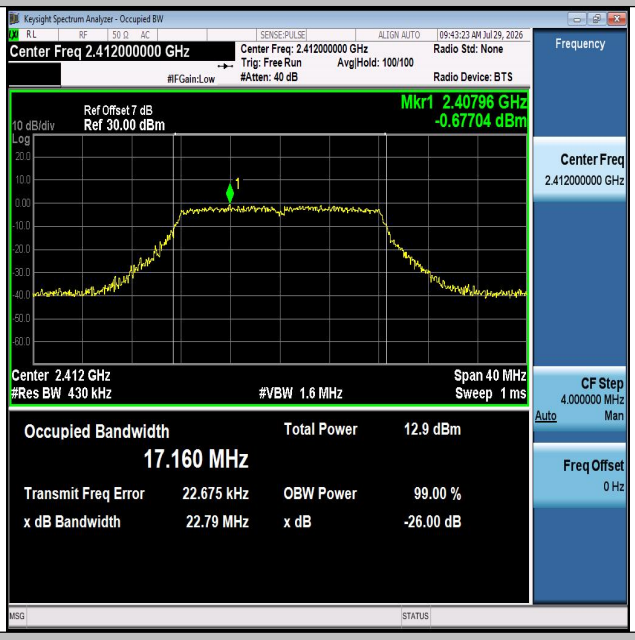


11B-Ant1-2462



11G-Ant1-2412

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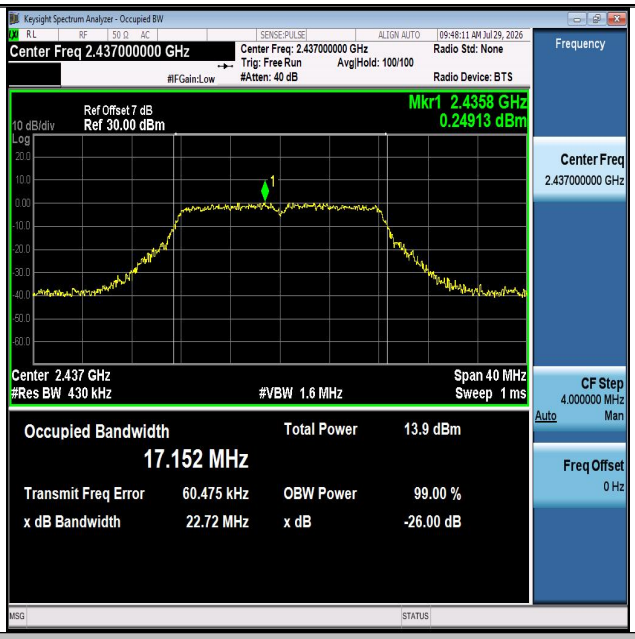

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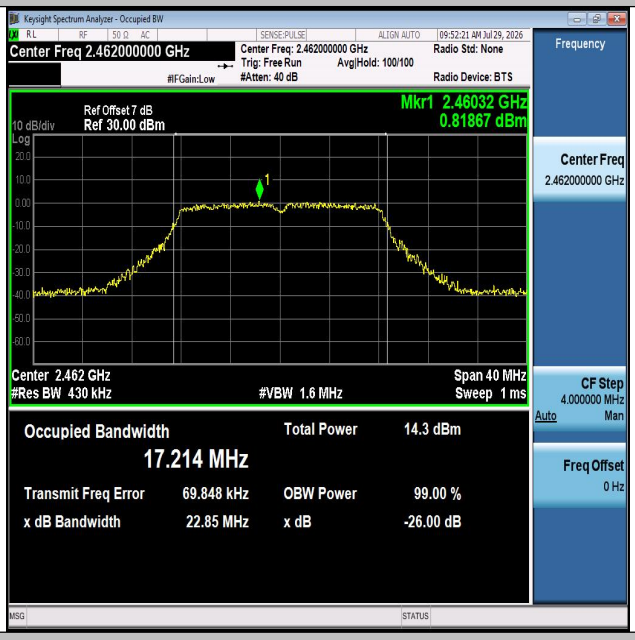

11G-Ant1-2462

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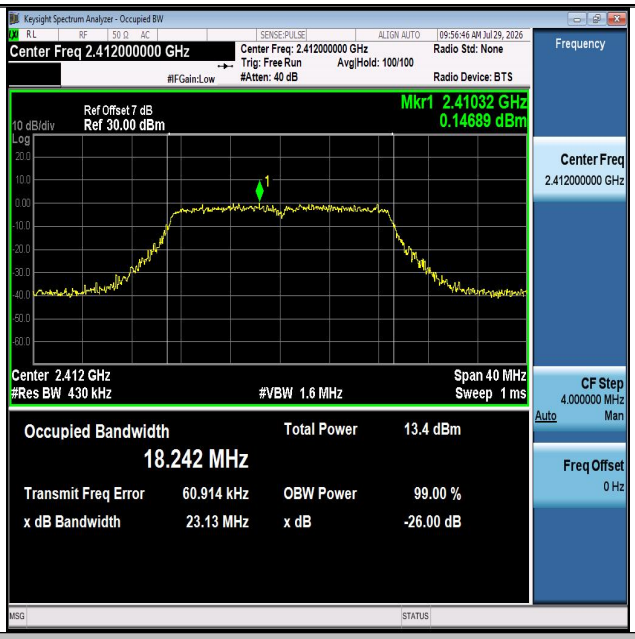
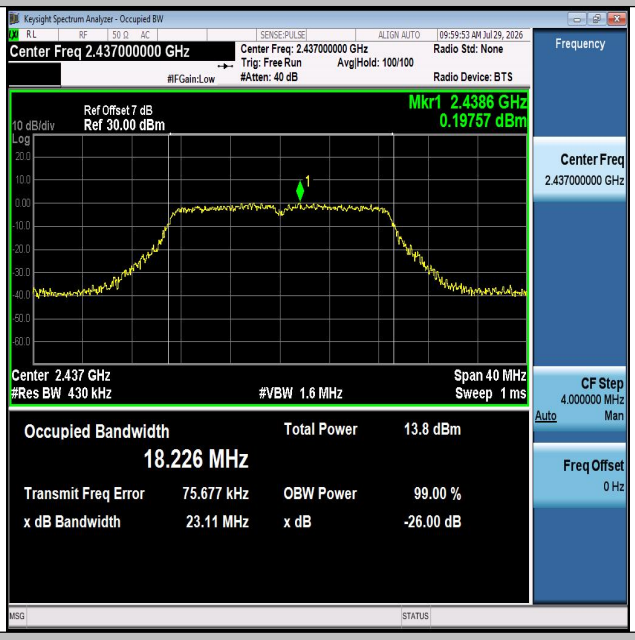


11N20SISO-Ant1-2412



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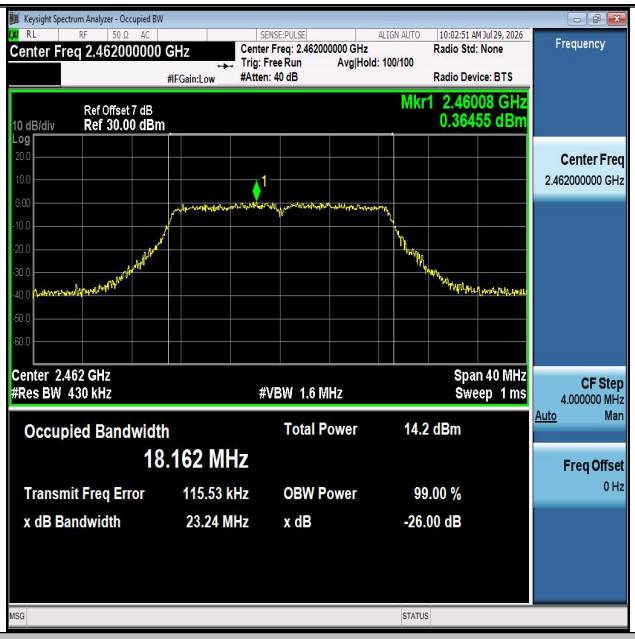

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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	7.52	98.57	0.06	7.58	≤30.00	PASS
11B	Ant1	2437	7.69	98.57	0.06	7.75	≤30.00	PASS
11B	Ant1	2462	8.11	98.57	0.06	8.17	≤30.00	PASS
11G	Ant1	2412	7.23	94.06	0.27	7.50	≤30.00	PASS
11G	Ant1	2437	7.47	94.06	0.27	7.74	≤30.00	PASS
11G	Ant1	2462	7.98	94.06	0.27	8.25	≤30.00	PASS
11N20SISO	Ant1	2412	7.02	93.20	0.31	7.33	≤30.00	PASS
11N20SISO	Ant1	2437	7.48	93.20	0.31	7.79	≤30.00	PASS
11N20SISO	Ant1	2462	7.86	93.20	0.31	8.17	≤30.00	PASS

Note： The Duty Cycle Factor(10*log(1/D)) and cable loss are compensated in the graph.

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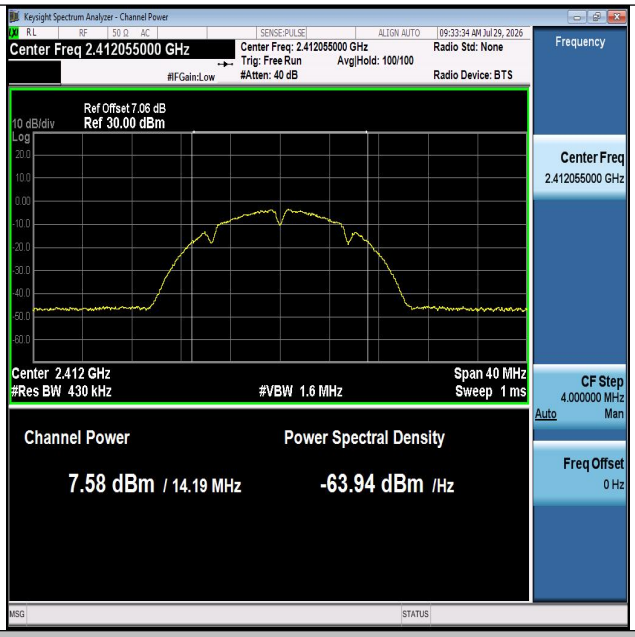
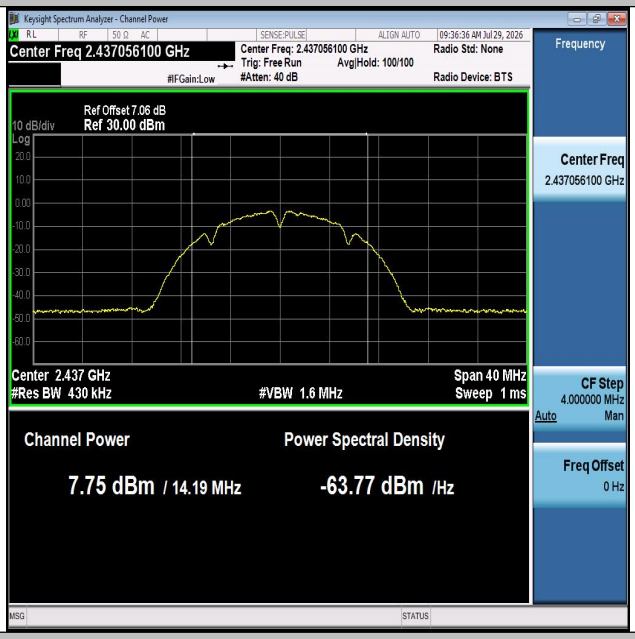
Test Graphs Average



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

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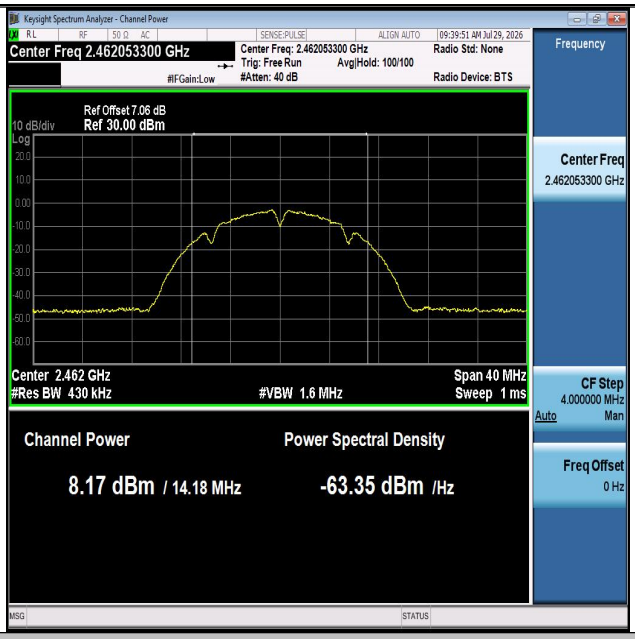

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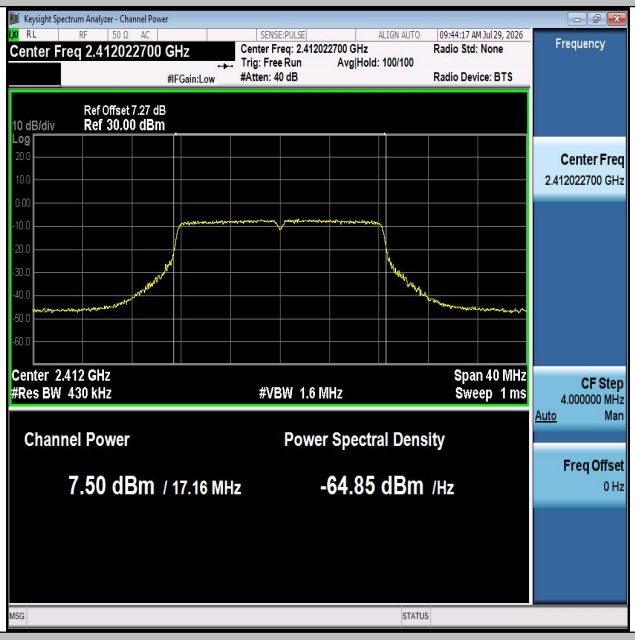

11G-Ant1-2412-PASS

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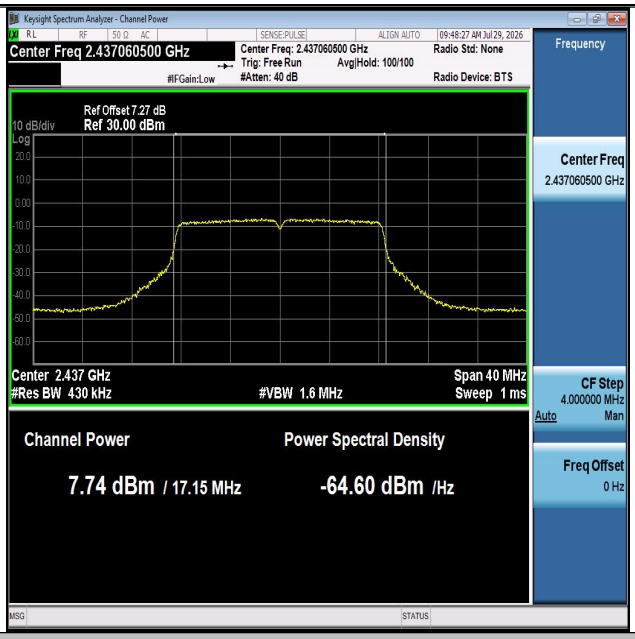

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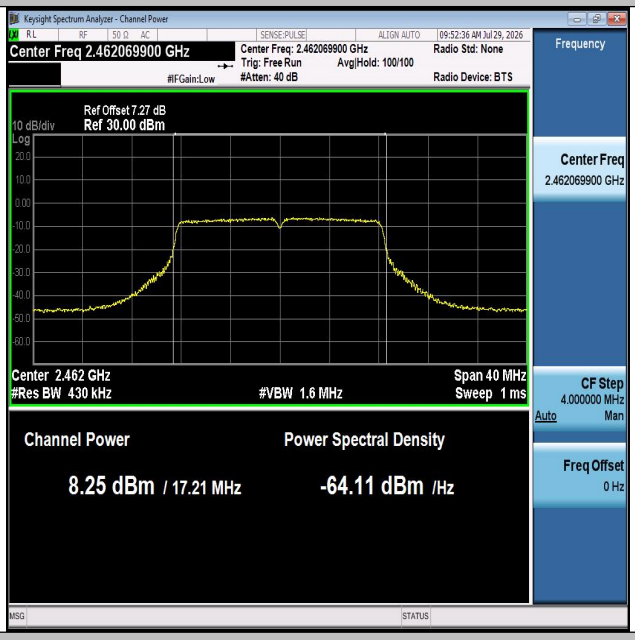

11G-Ant1-2462-PASS

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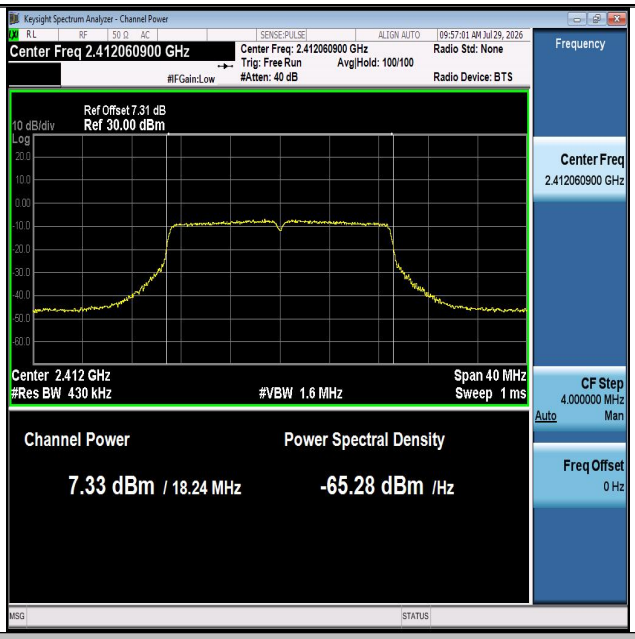

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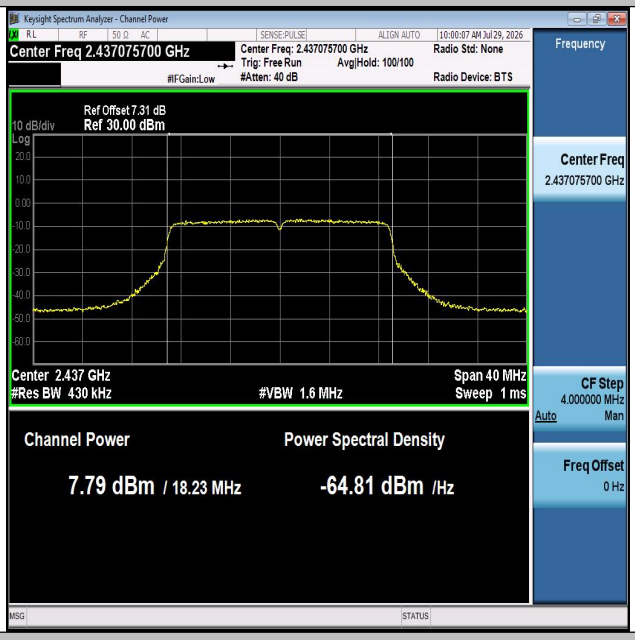

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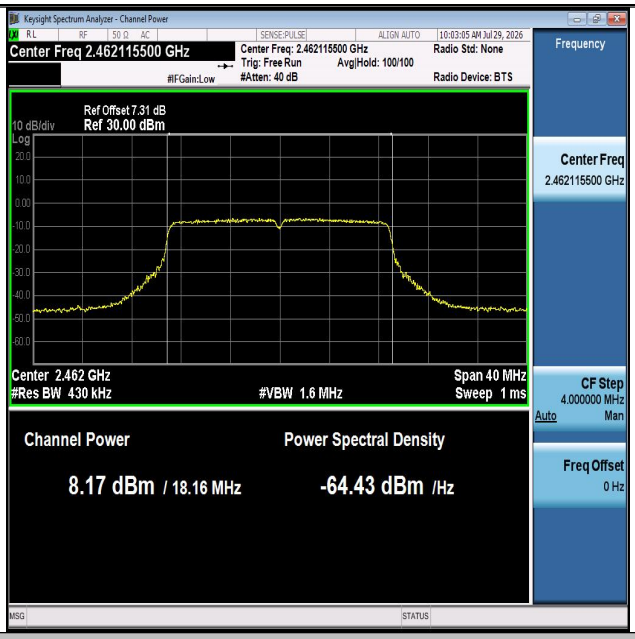

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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.17	≤8.00	PASS
11B	Ant1	2437	-14.03	≤8.00	PASS
11B	Ant1	2462	-13.44	≤8.00	PASS
11G	Ant1	2412	-16.29	≤8.00	PASS
11G	Ant1	2437	-16.17	≤8.00	PASS
11G	Ant1	2462	-15.88	≤8.00	PASS
11N20SISO	Ant1	2412	-16.31	≤8.00	PASS
11N20SISO	Ant1	2437	-16.56	≤8.00	PASS
11N20SISO	Ant1	2462	-15.73	≤8.00	PASS

Note：

1. The Duty Cycle Factor(10*log(1/D)) and cable loss are compensated in the graph.

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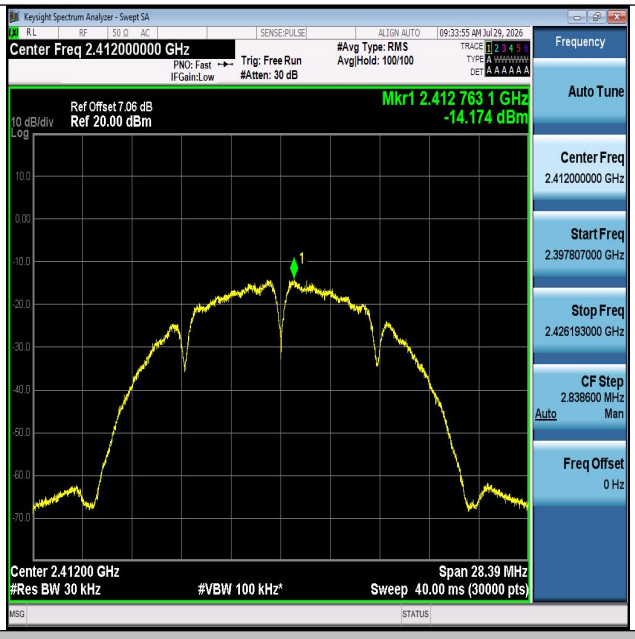
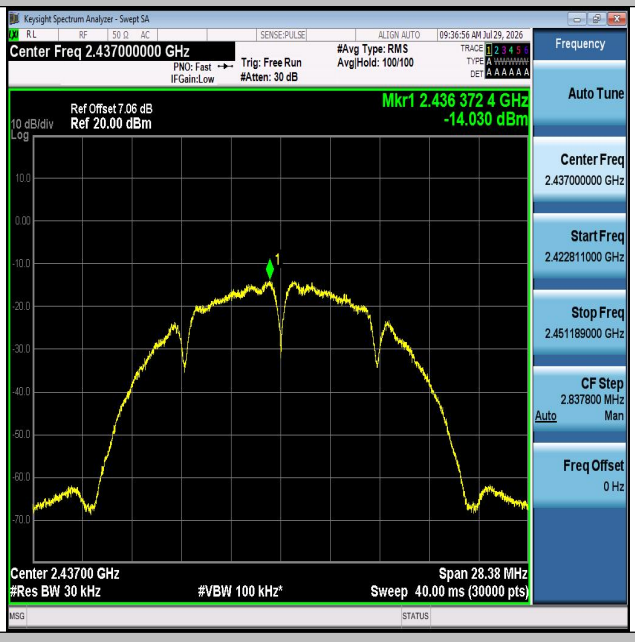
Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

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