

Appendix Test Data

Report No.:	1811C50433916202	Test Sample No.:	1-2-2
Start Test Date:	2025-11-7	Finish Test Date:	2025-11-14
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	23.2°C	Relative Humidity:	46%
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	8.640	2407.920	2416.560	0.5	PASS
11B	Ant1	2437	8.240	2432.880	2441.120	0.5	PASS
11B	Ant1	2462	8.640	2457.960	2466.600	0.5	PASS
11G	Ant1	2412	16.080	2404.000	2420.080	0.5	PASS
11G	Ant1	2437	15.760	2429.120	2444.880	0.5	PASS
11G	Ant1	2462	15.480	2454.680	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.000	2403.720	2420.720	0.5	PASS
11N20SISO	Ant1	2437	17.240	2428.360	2445.600	0.5	PASS
11N20SISO	Ant1	2462	17.160	2453.640	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.200	2404.720	2439.920	0.5	PASS
11N40SISO	Ant1	2437	35.520	2419.400	2454.920	0.5	PASS
11N40SISO	Ant1	2452	36.160	2434.320	2470.480	0.5	PASS

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

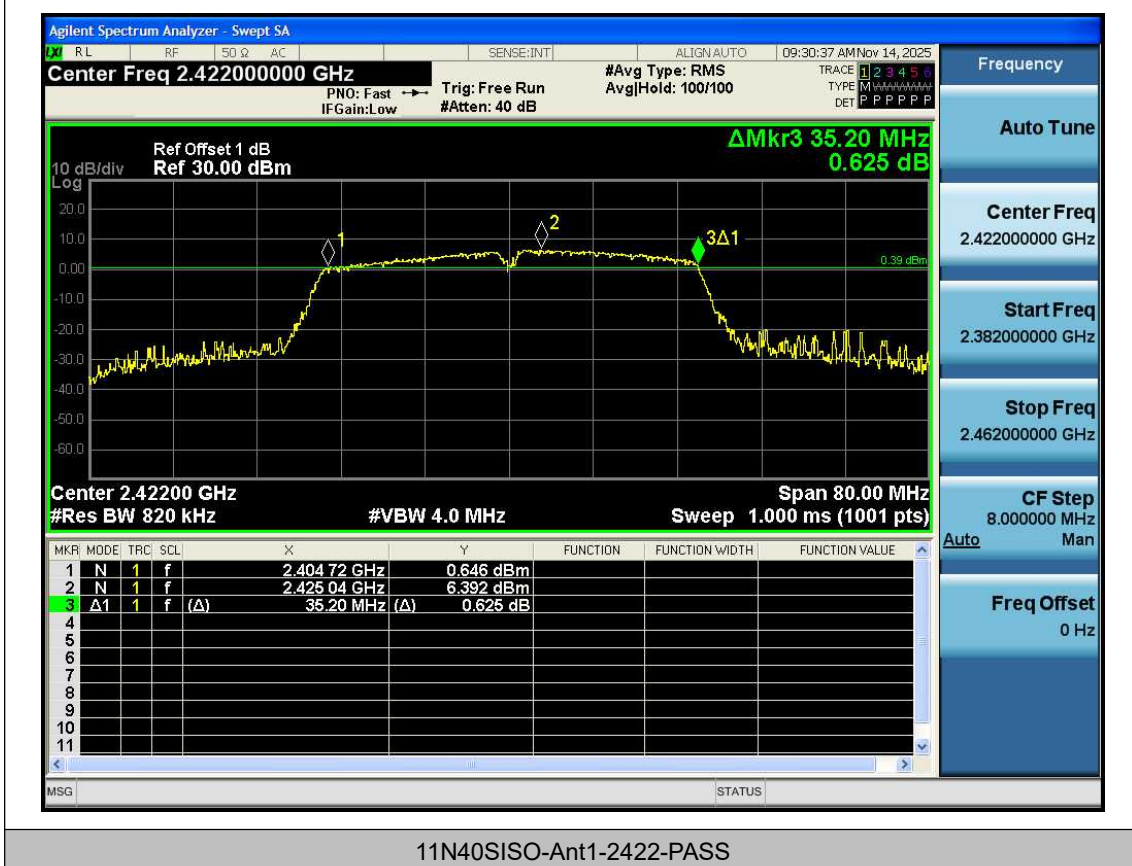
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11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS

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11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

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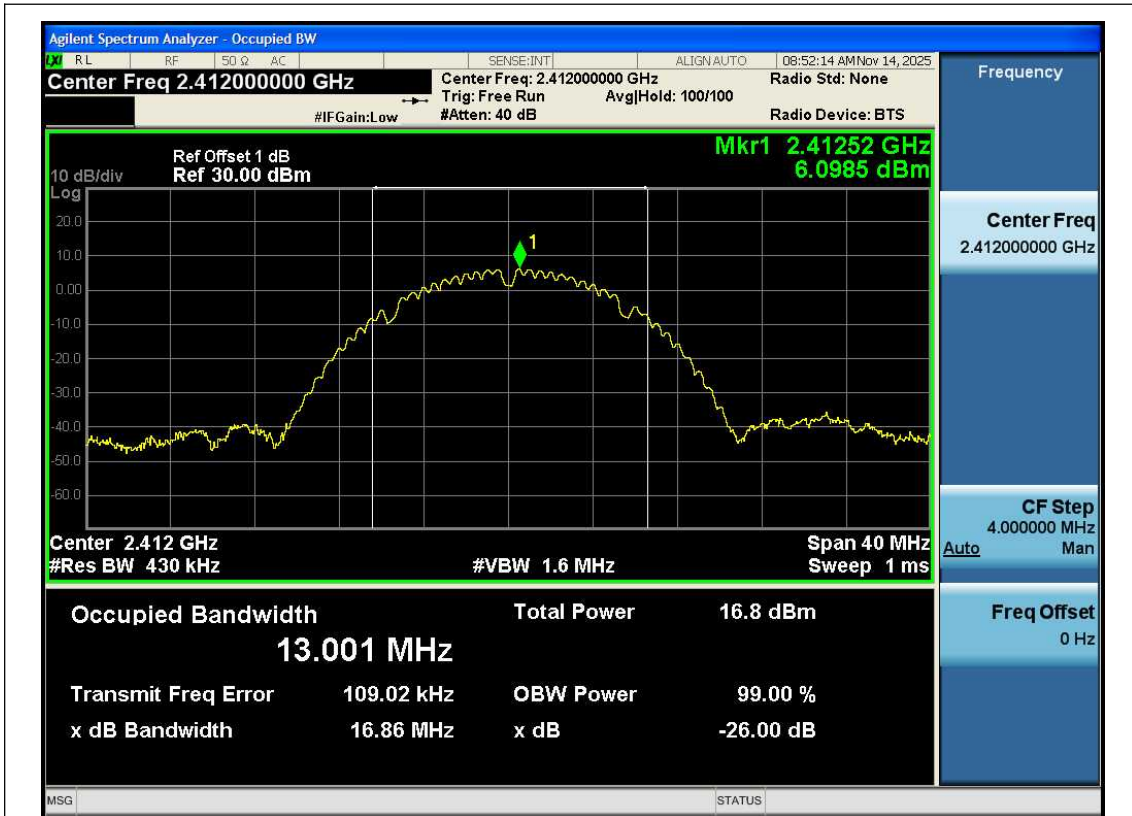
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Appendix B: 99% Occupied Bandwidth

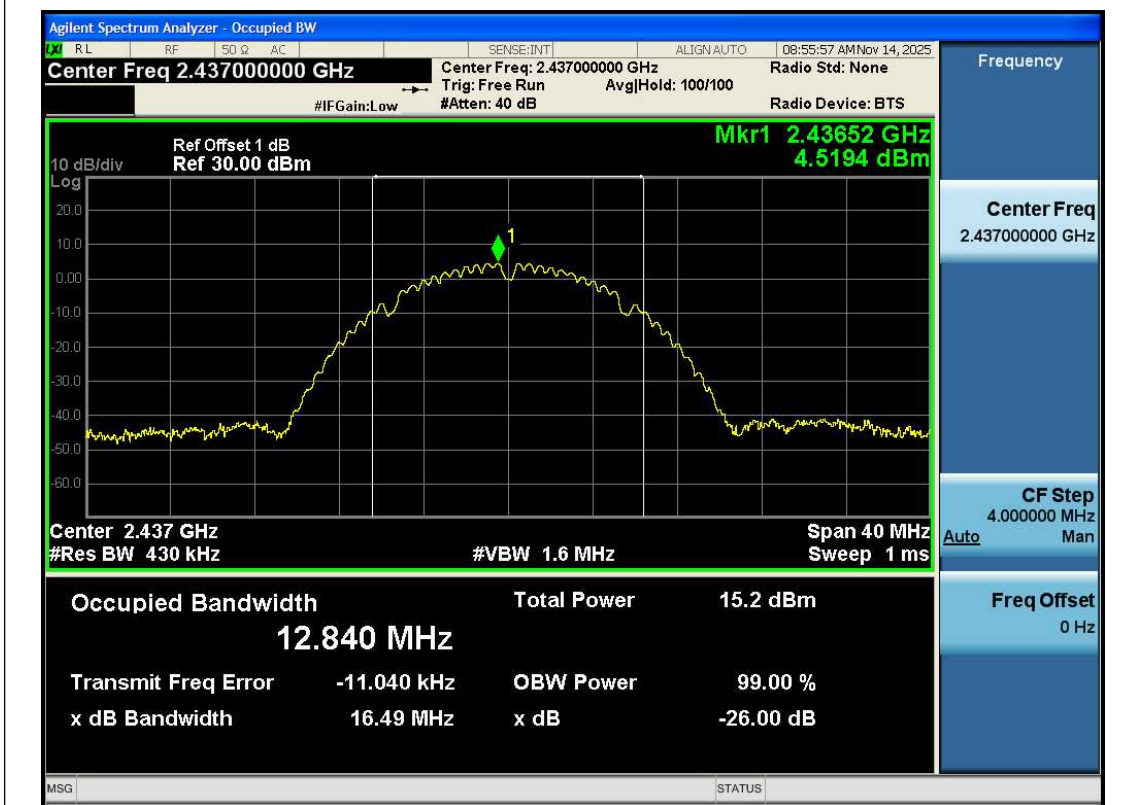
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.001	2405.6085	2418.6095	---	---
11B	Ant1	2437	12.840	2430.5690	2443.4090	---	---
11B	Ant1	2462	12.750	2455.8458	2468.5958	---	---
11G	Ant1	2412	16.901	2403.6473	2420.5483	---	---
11G	Ant1	2437	16.936	2428.5235	2445.4595	---	---
11G	Ant1	2462	16.989	2453.7604	2470.7494	---	---
11N20SISO	Ant1	2412	17.889	2403.1785	2421.0675	---	---
11N20SISO	Ant1	2437	17.931	2428.0174	2445.9484	---	---
11N20SISO	Ant1	2462	17.941	2453.2176	2471.1586	---	---
11N40SISO	Ant1	2422	36.043	2404.1831	2440.2261	---	---
11N40SISO	Ant1	2437	36.233	2419.0276	2455.2606	---	---
11N40SISO	Ant1	2452	36.579	2434.0042	2470.5832	---	---

Test Graphs



11B-Ant1-2412

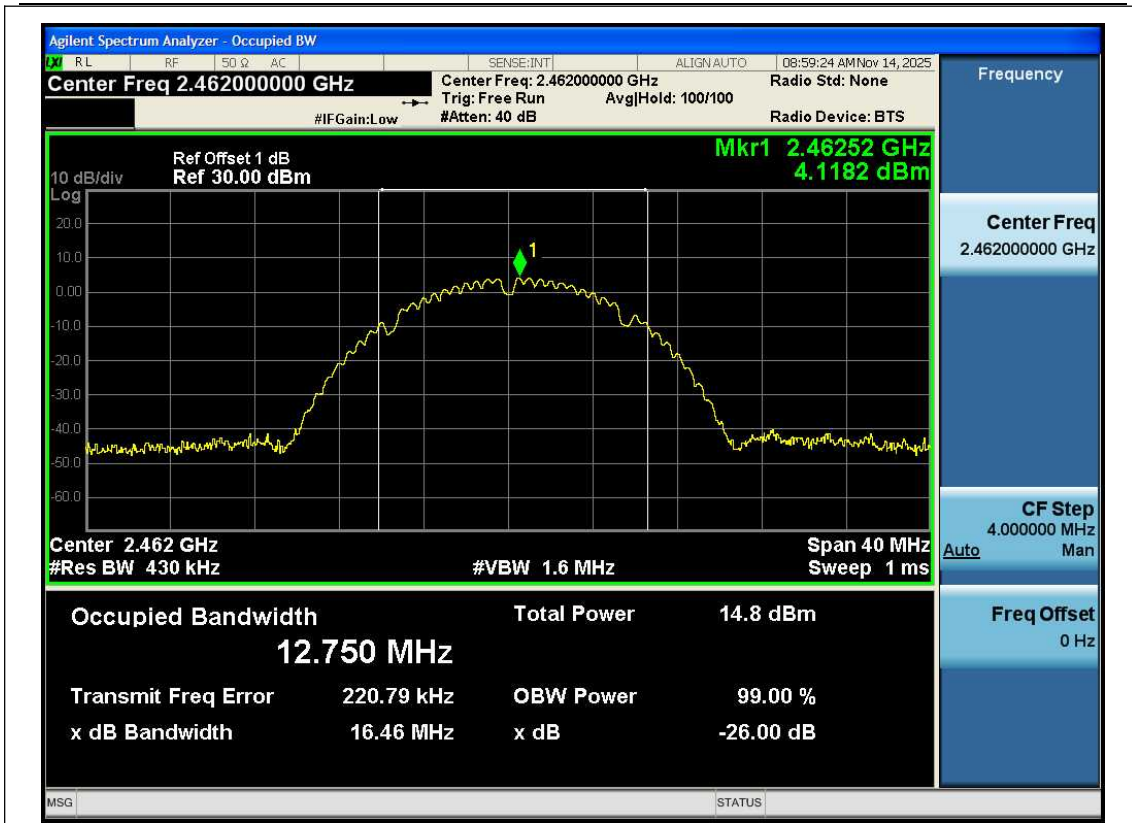


11B-Ant1-2437

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11B-Ant1-2462

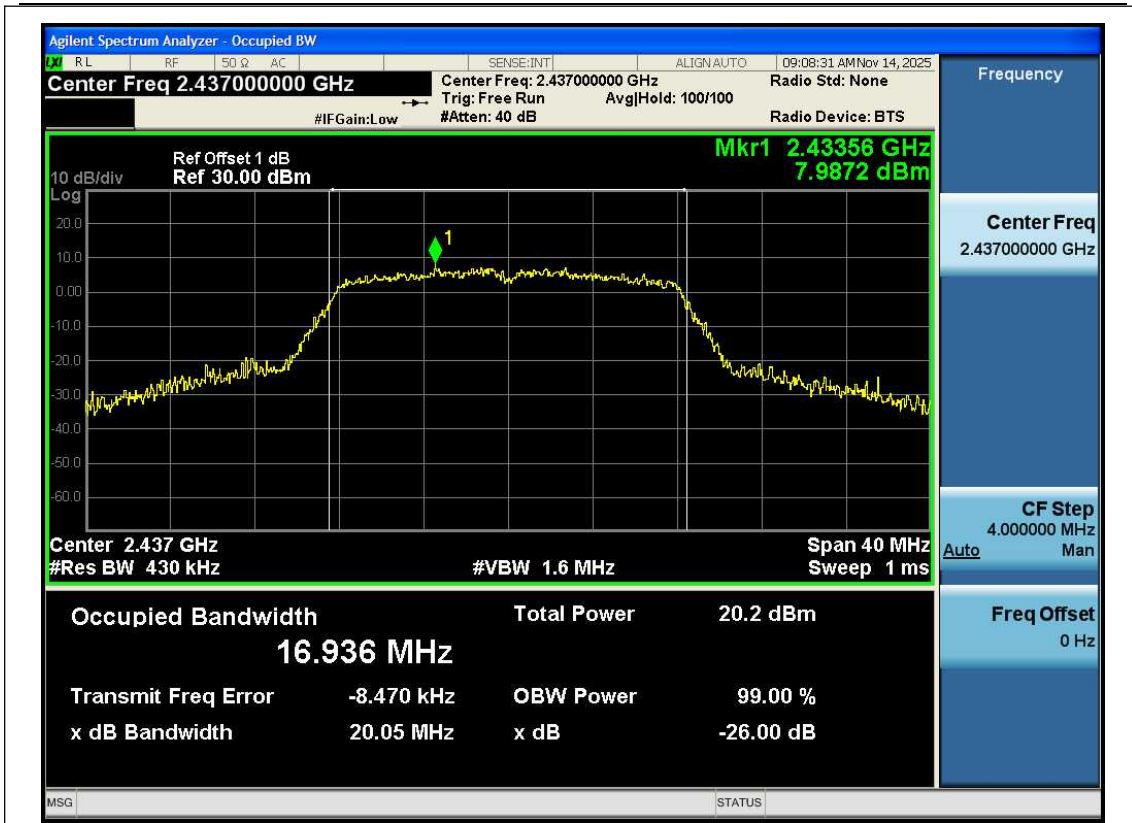


11G-Ant1-2412

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11G-Ant1-2437

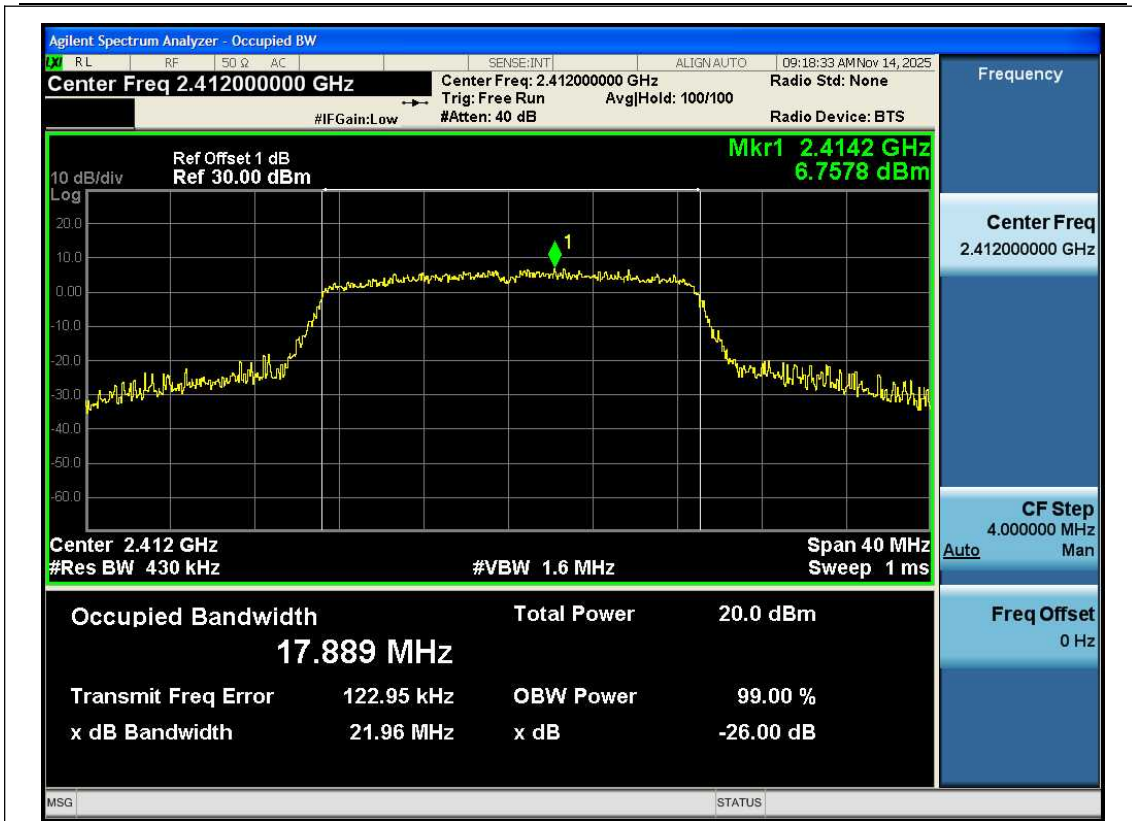


11G-Ant1-2462

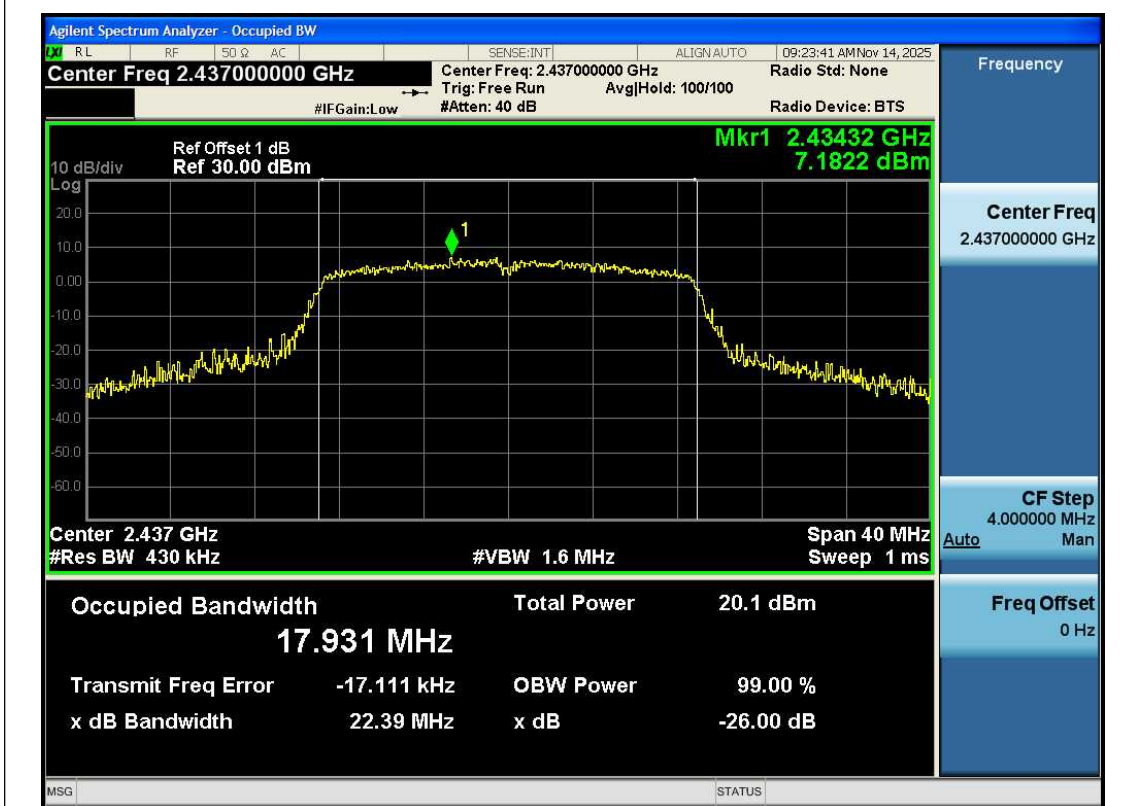
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11N20SISO-Ant1-2412

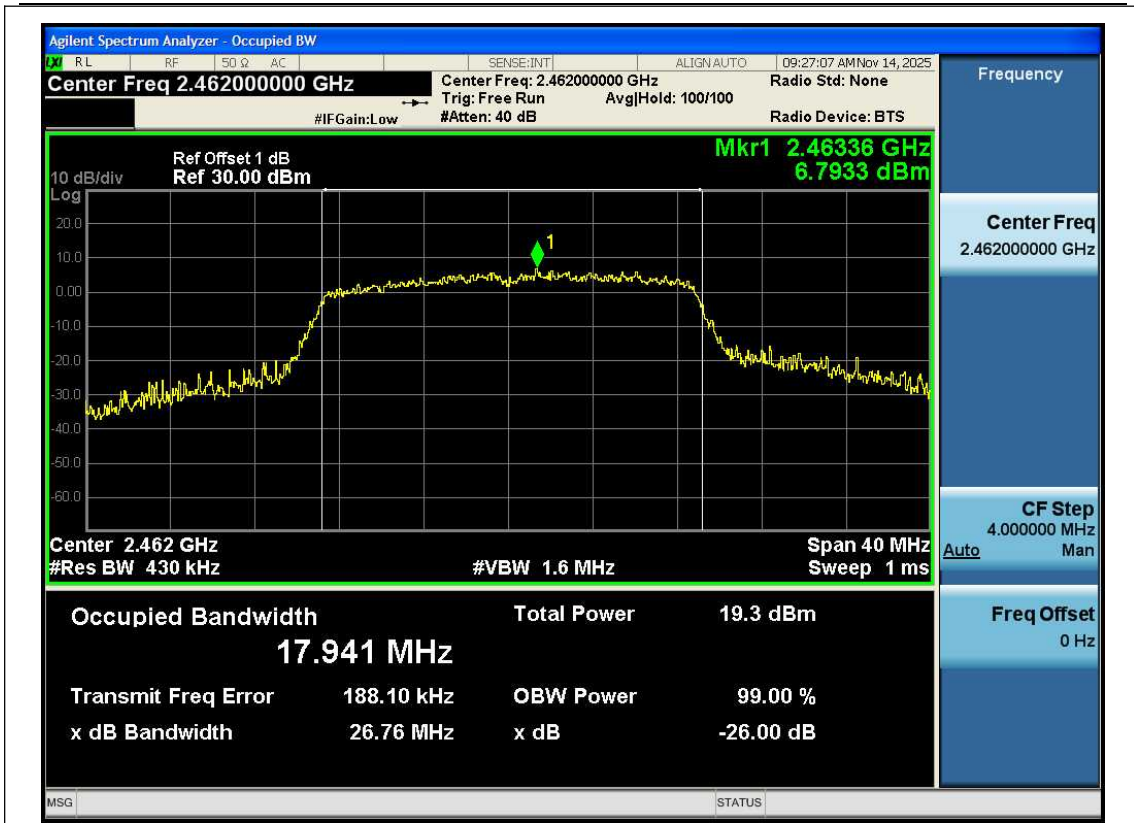


11N20SISO-Ant1-2437

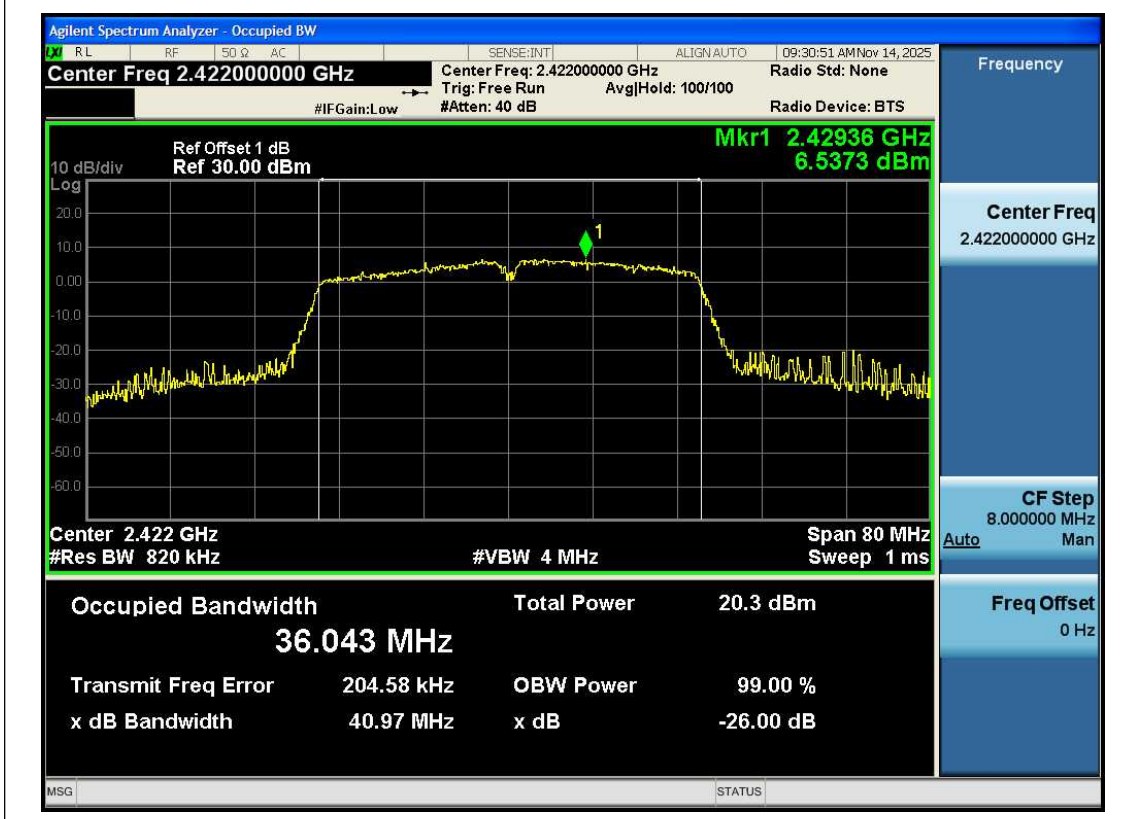
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11N20SISO-Ant1-2462

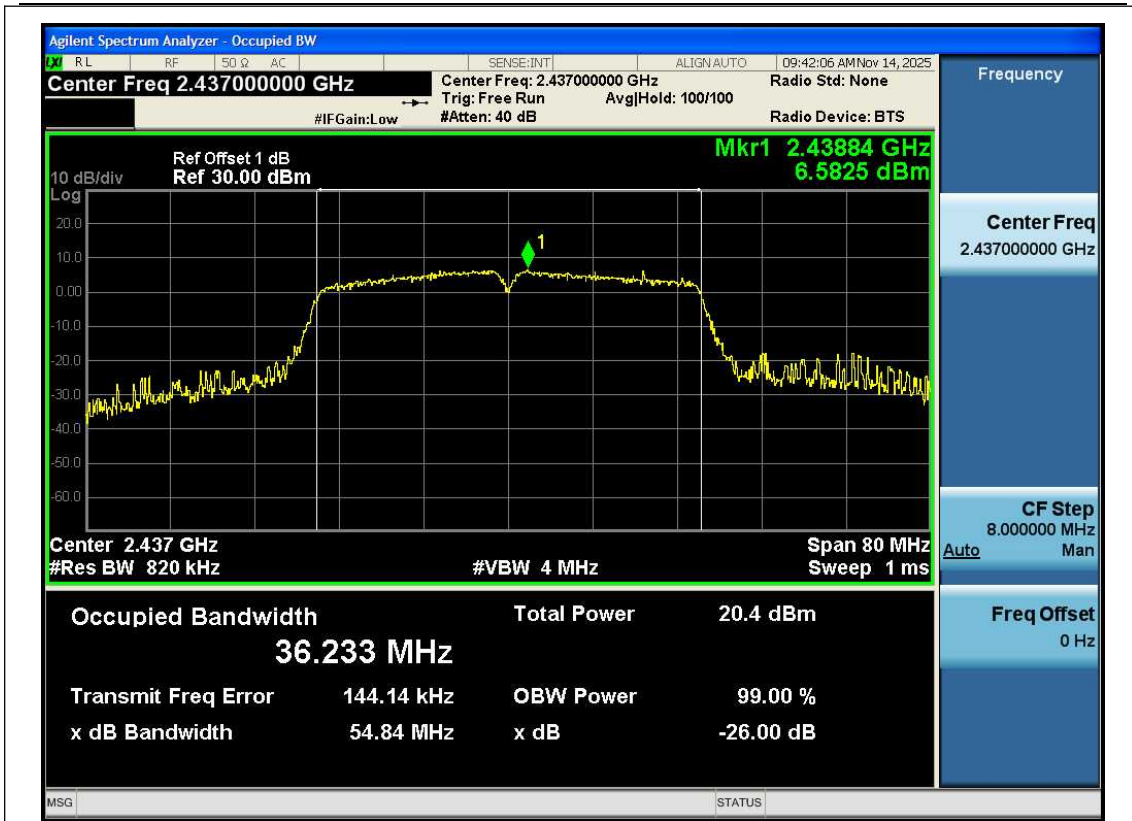


11N40SISO-Ant1-2422

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11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.75	13.75	≤30.00	PASS
11B	Ant1	2437	12.27	12.27	≤30.00	PASS
11B	Ant1	2462	11.86	11.86	≤30.00	PASS
11G	Ant1	2412	13.77	13.77	≤30.00	PASS
11G	Ant1	2437	13.98	13.98	≤30.00	PASS
11G	Ant1	2462	13.15	13.15	≤30.00	PASS
11N20SISO	Ant1	2412	13.58	13.58	≤30.00	PASS
11N20SISO	Ant1	2437	13.93	13.93	≤30.00	PASS
11N20SISO	Ant1	2462	13.07	13.07	≤30.00	PASS
11N40SISO	Ant1	2422	13.08	13.08	≤30.00	PASS
11N40SISO	Ant1	2437	13.19	13.19	≤30.00	PASS
11N40SISO	Ant1	2452	12.49	12.49	≤30.00	PASS

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

Test Graphs Average



11B-Ant1-2412-PASS

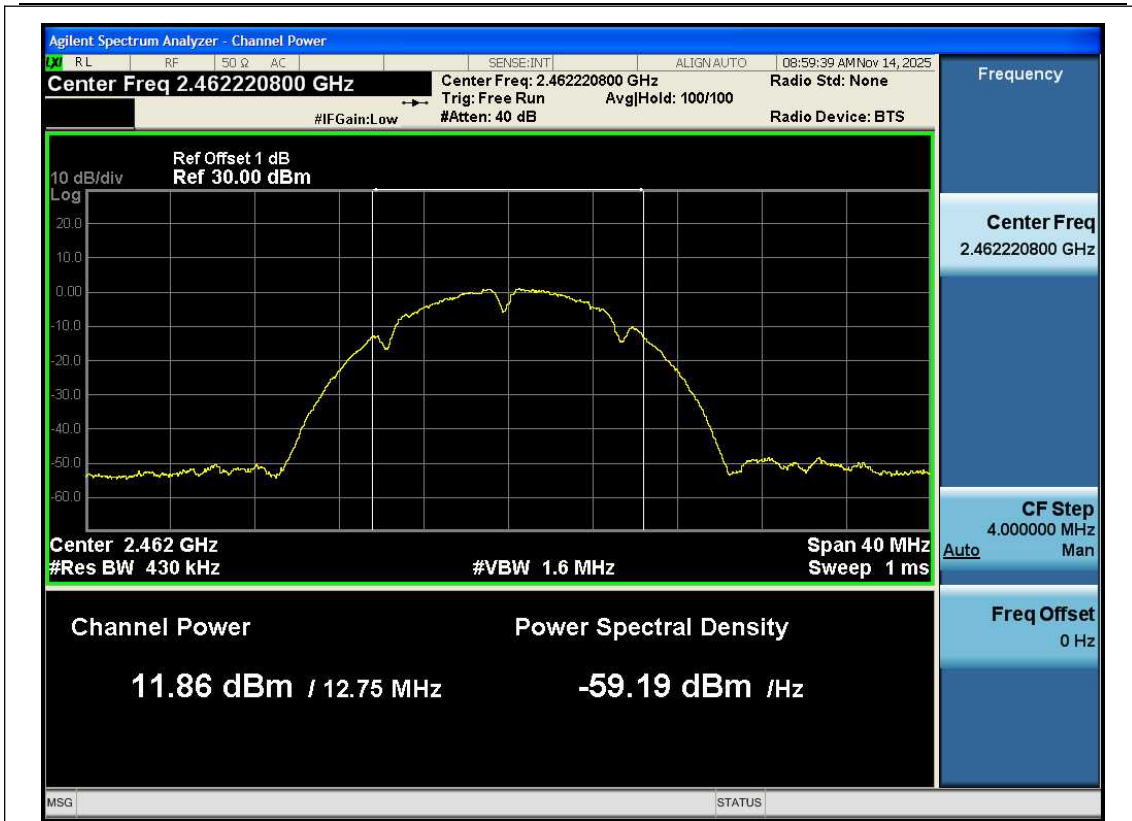


11B-Ant1-2437-PASS

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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



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11N40SISO-Ant1-2422-PASS

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