

Appendix: 2.4G WIFI

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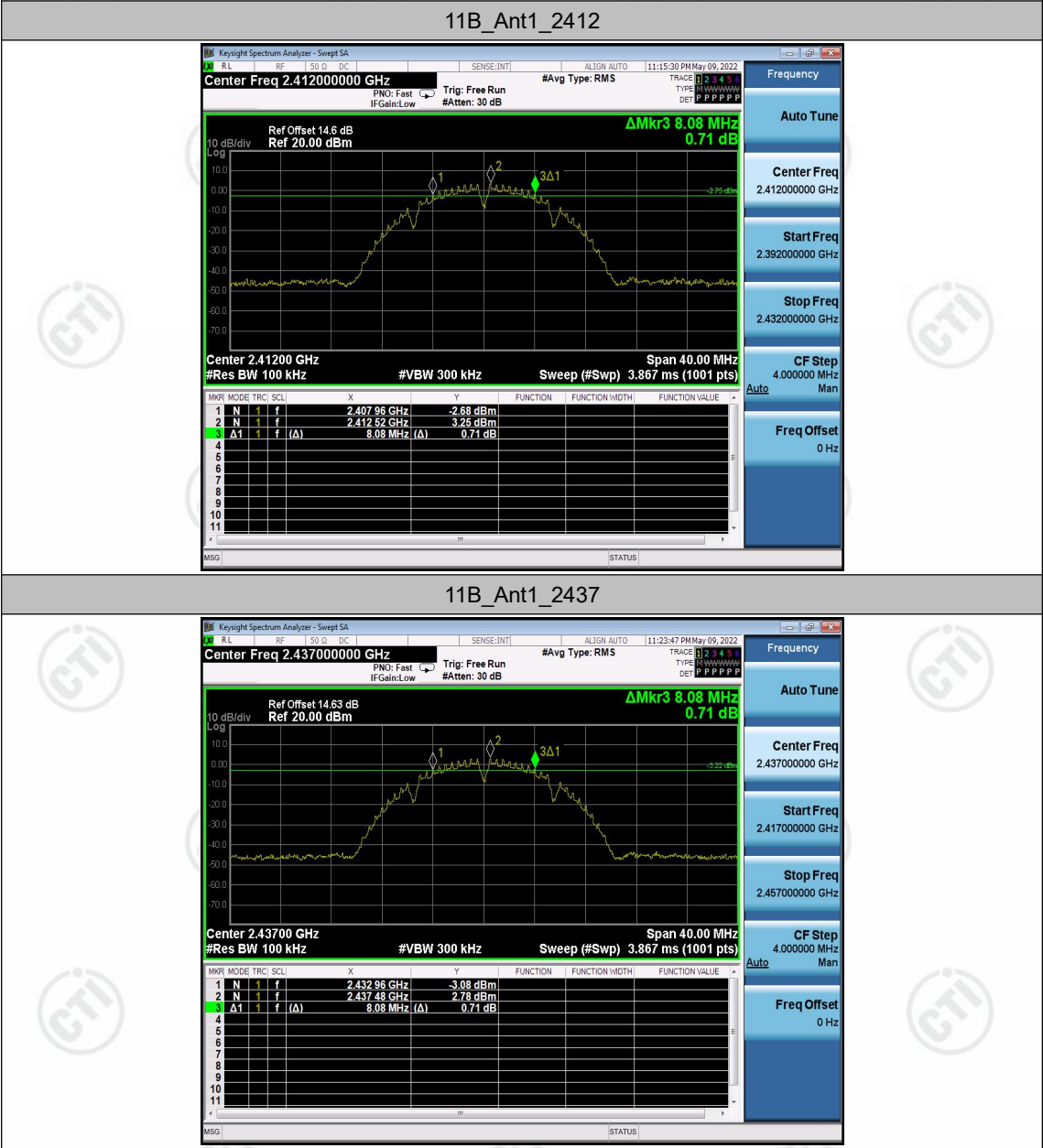
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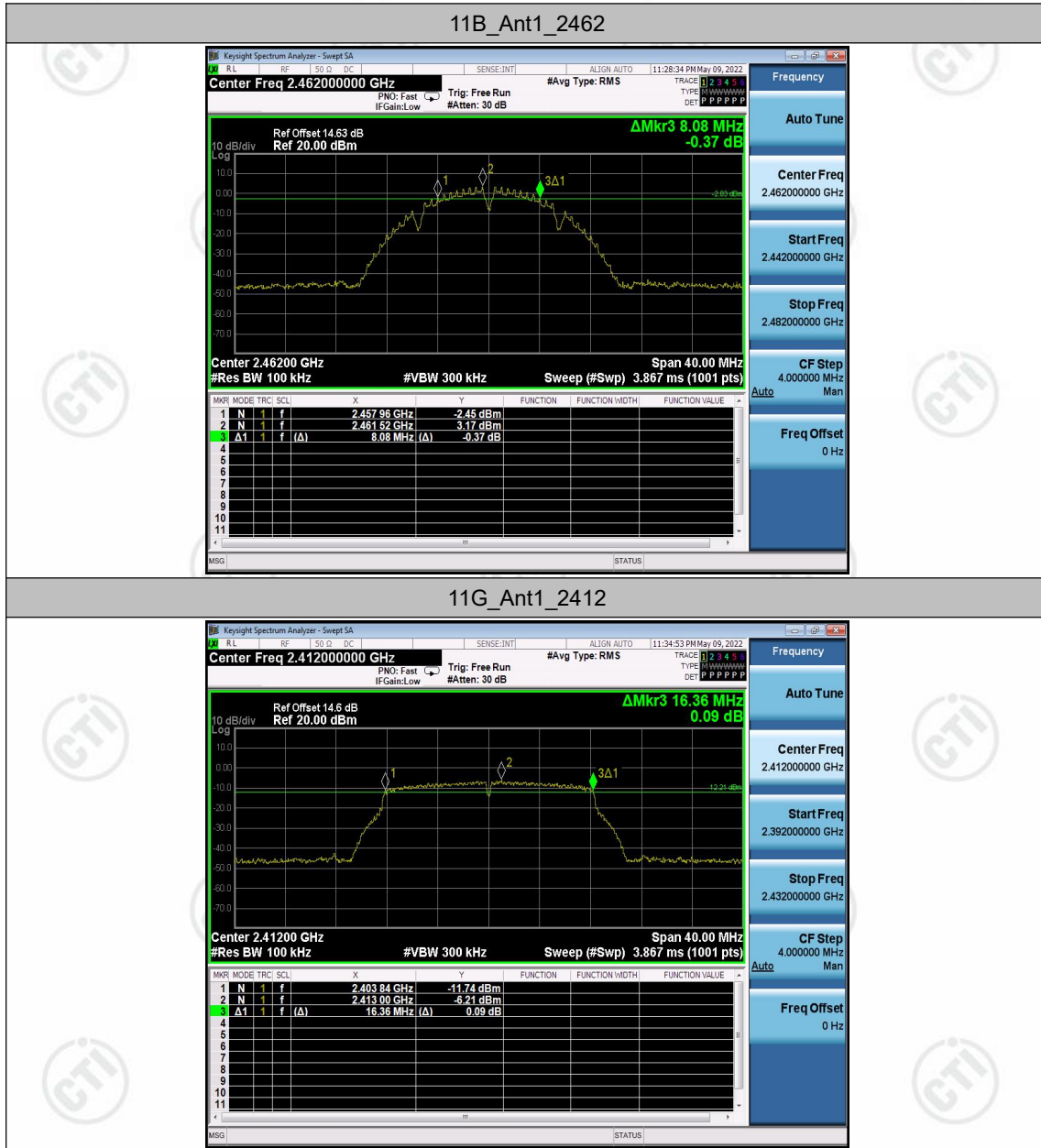
Appendix A: DTS Bandwidth

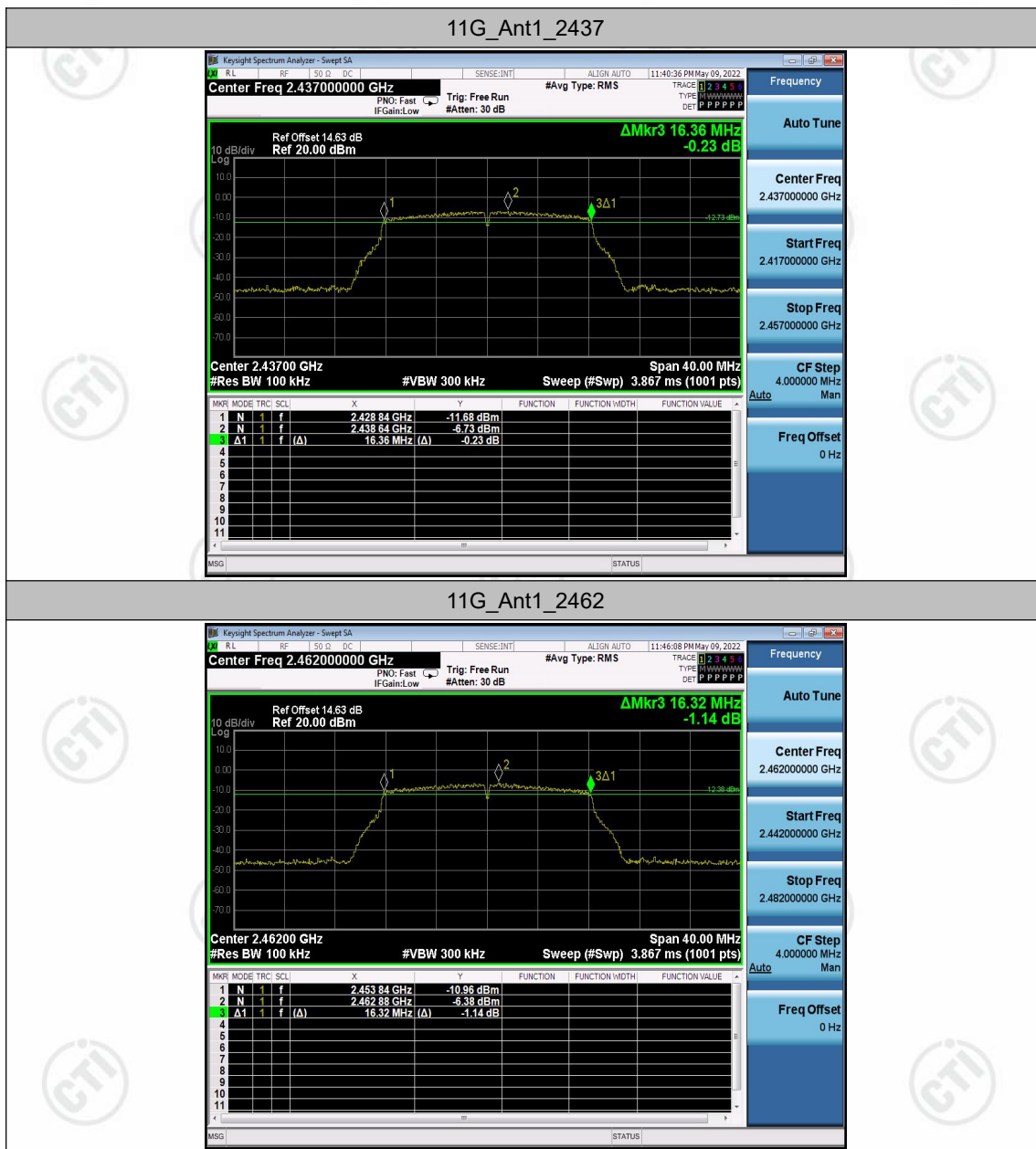
Test Result

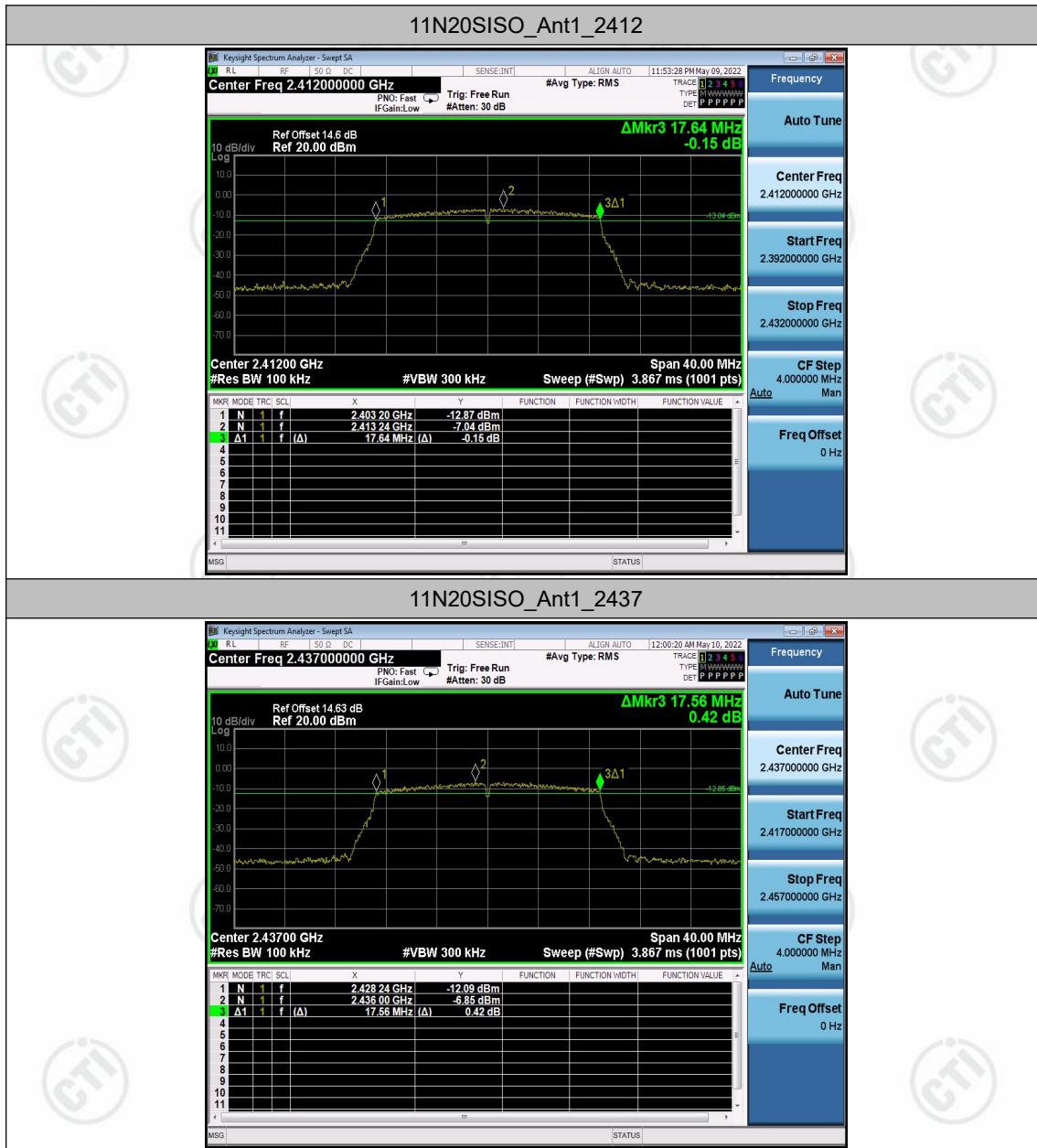
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	8.080	2432.960	2441.040	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.080	2440.160	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	36.080	2434.080	2470.160	0.5	PASS

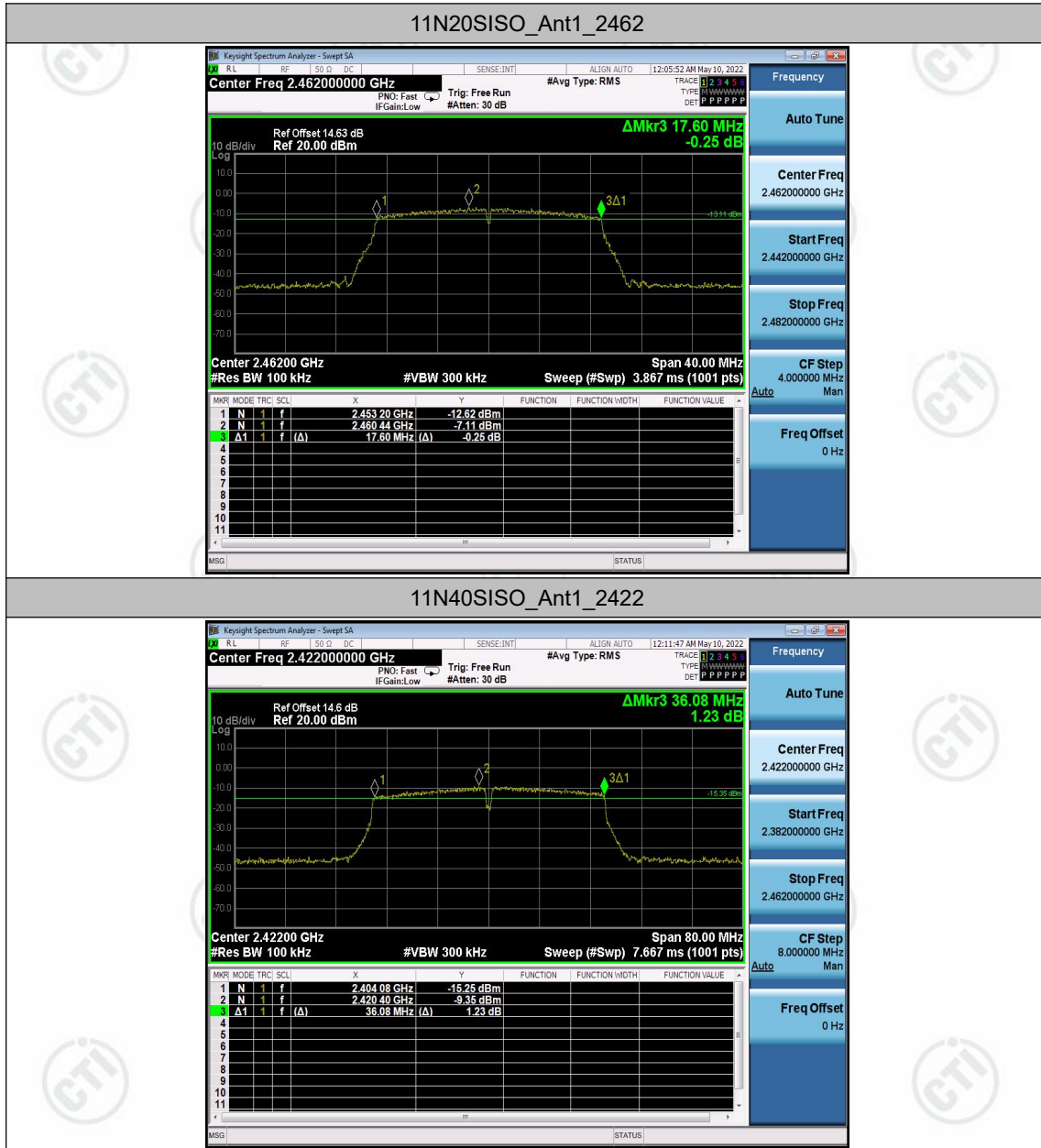
Test Graphs







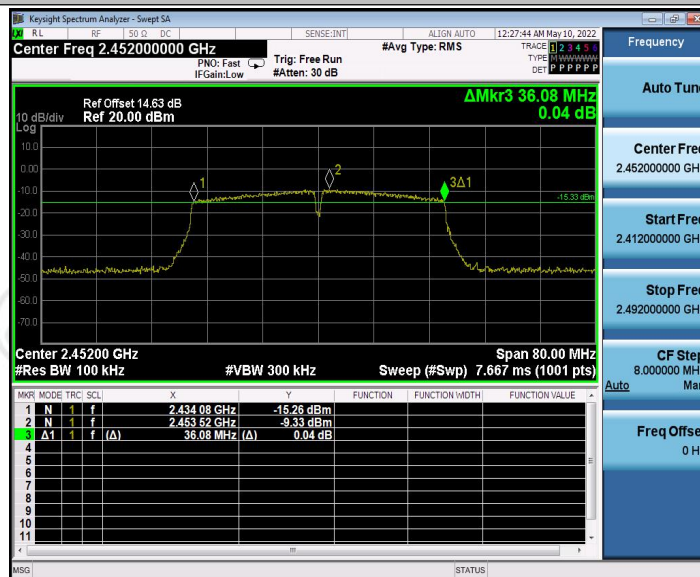




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

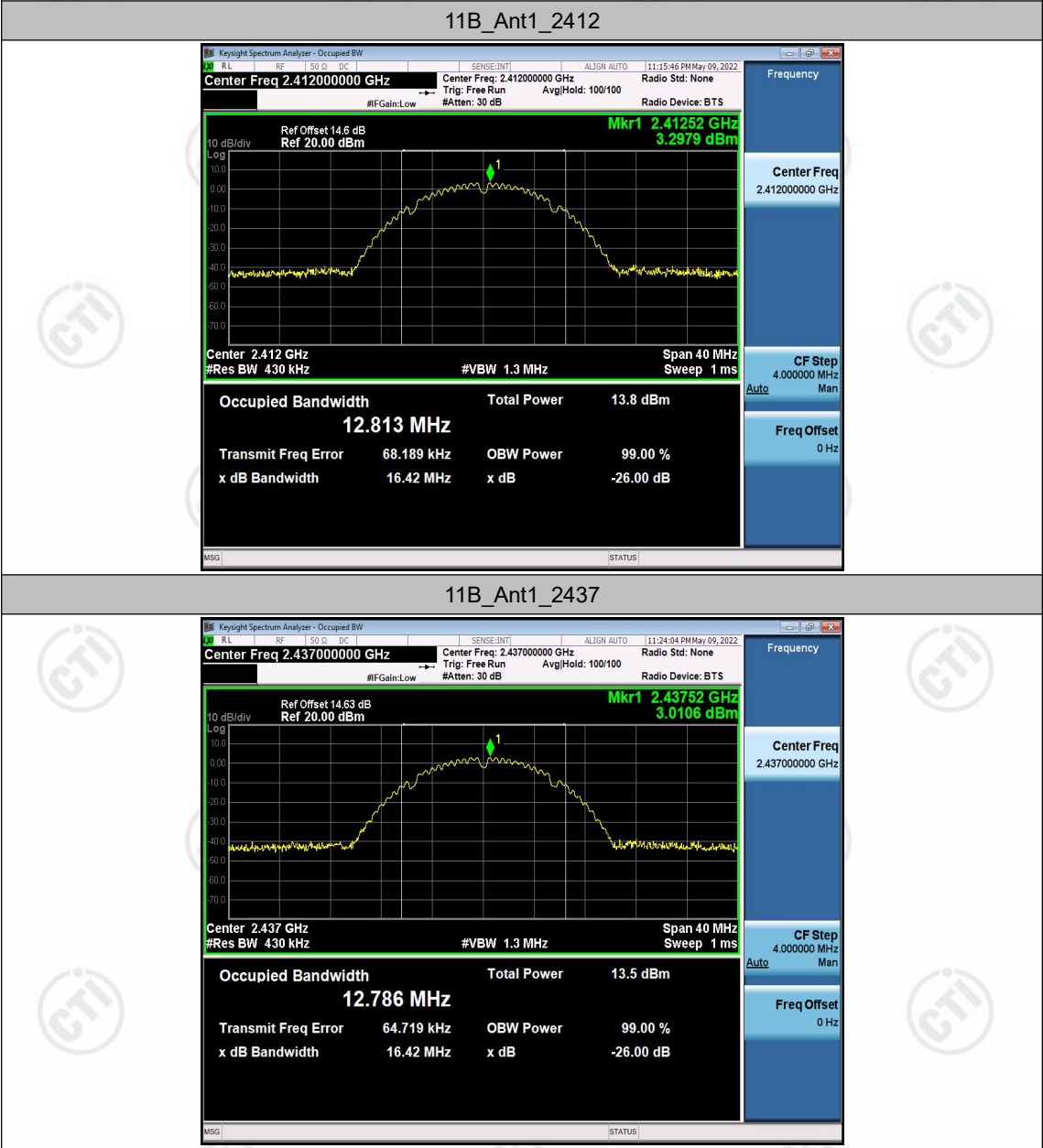


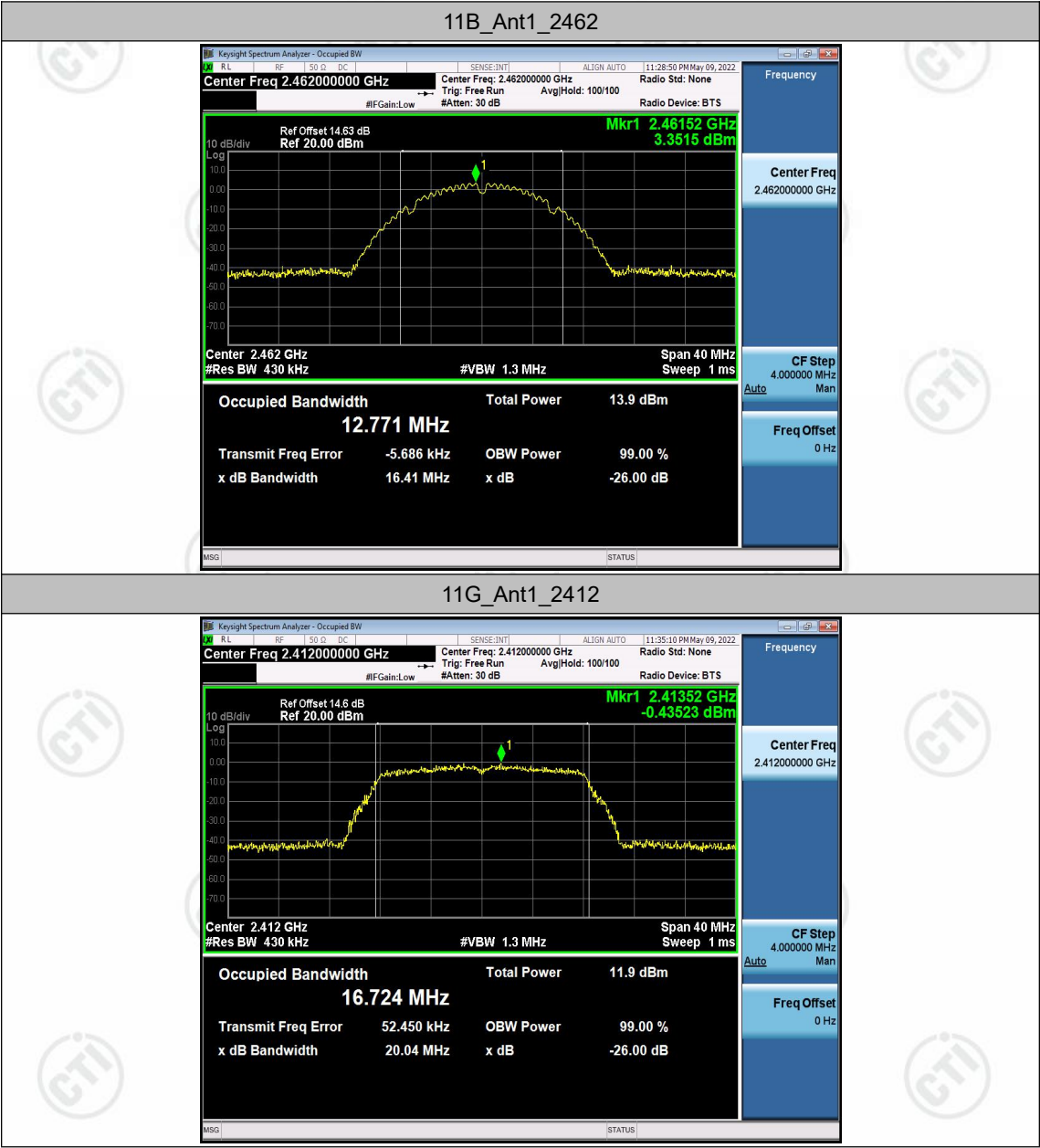
Appendix B: Occupied Channel Bandwidth

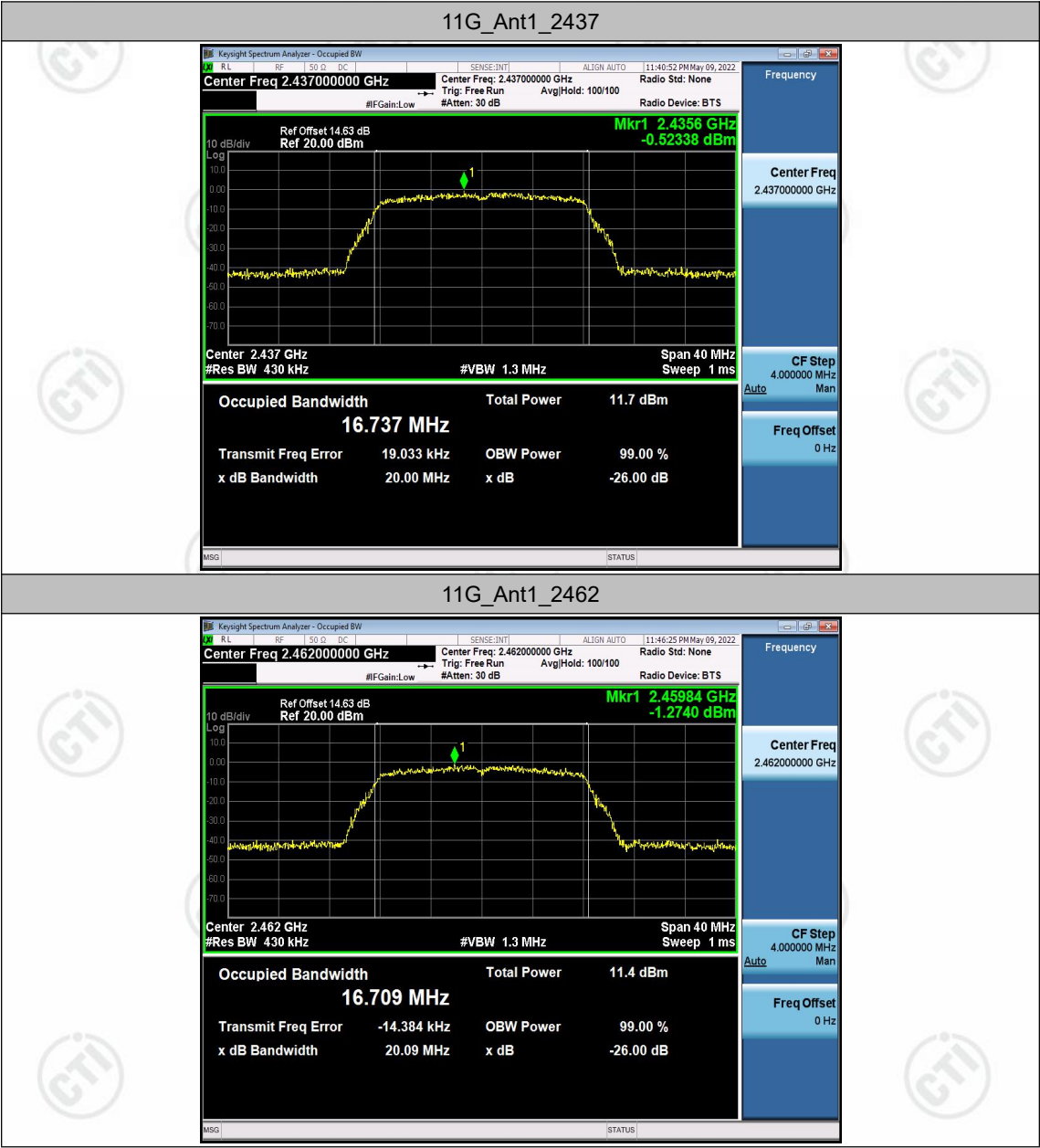
Test Result

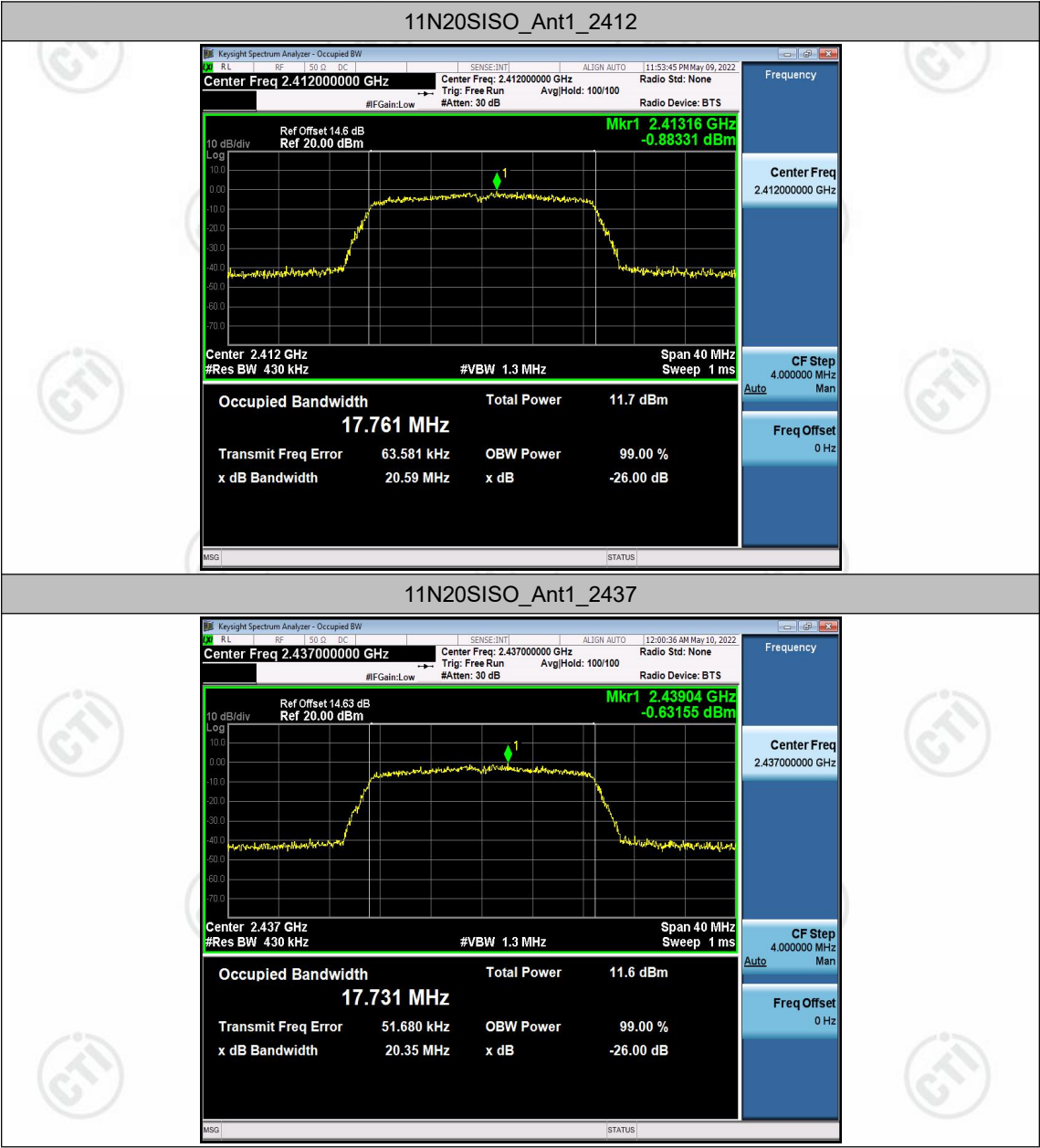
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.813	2405.662	2418.475	---	---
		2437	12.786	2430.672	2443.458	---	---
		2462	12.771	2455.609	2468.380	---	---
11G	Ant1	2412	16.724	2403.690	2420.414	---	---
		2437	16.737	2428.651	2445.388	---	---
		2462	16.709	2453.631	2470.340	---	---
11N20SISO	Ant1	2412	17.761	2403.183	2420.944	---	---
		2437	17.731	2428.186	2445.917	---	---
		2462	17.751	2453.129	2470.880	---	---
11N40SISO	Ant1	2422	36.094	2404.106	2440.200	---	---
		2437	36.167	2419.051	2455.218	---	---
		2452	35.946	2434.093	2470.039	---	---

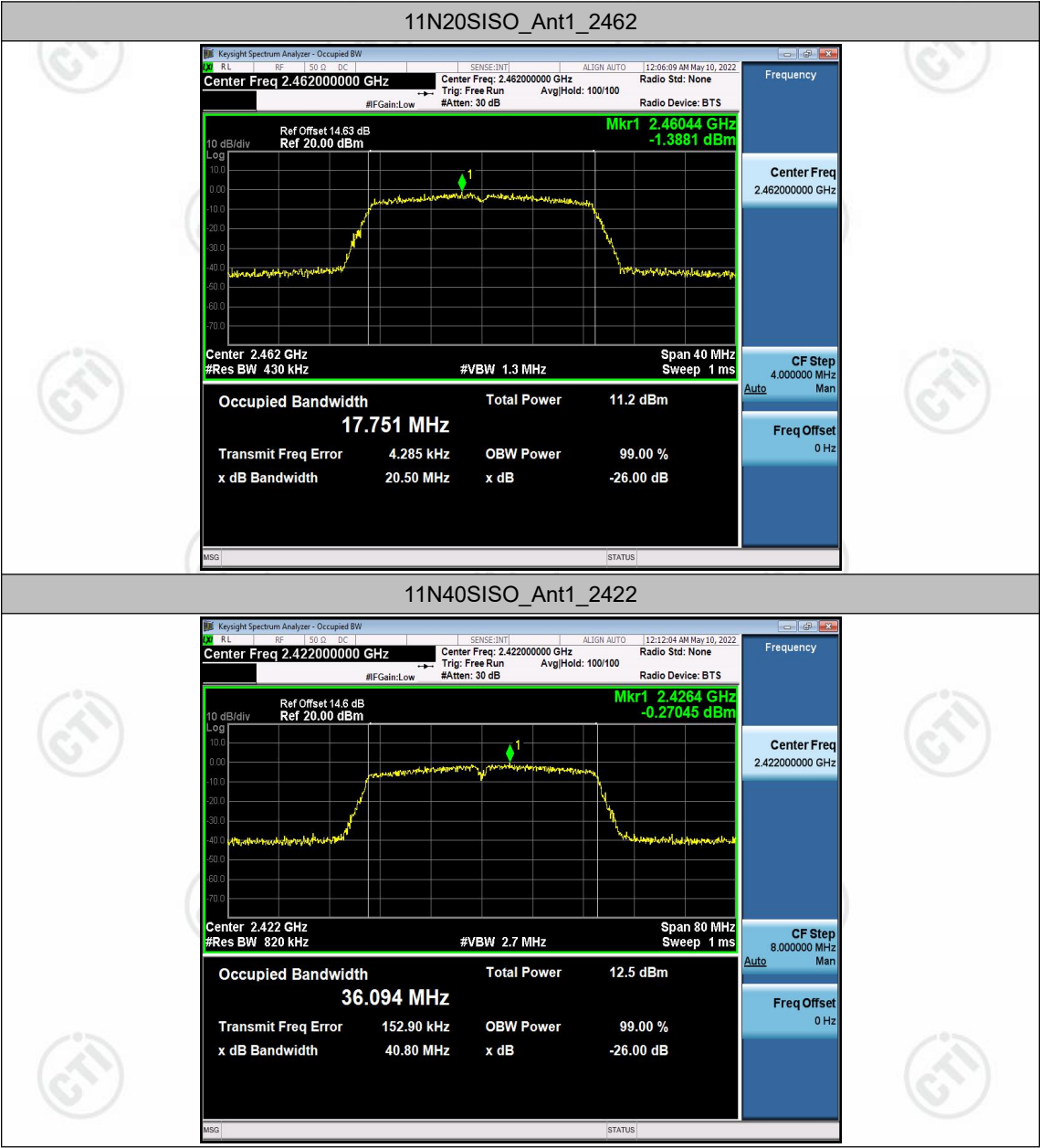
Test Graphs

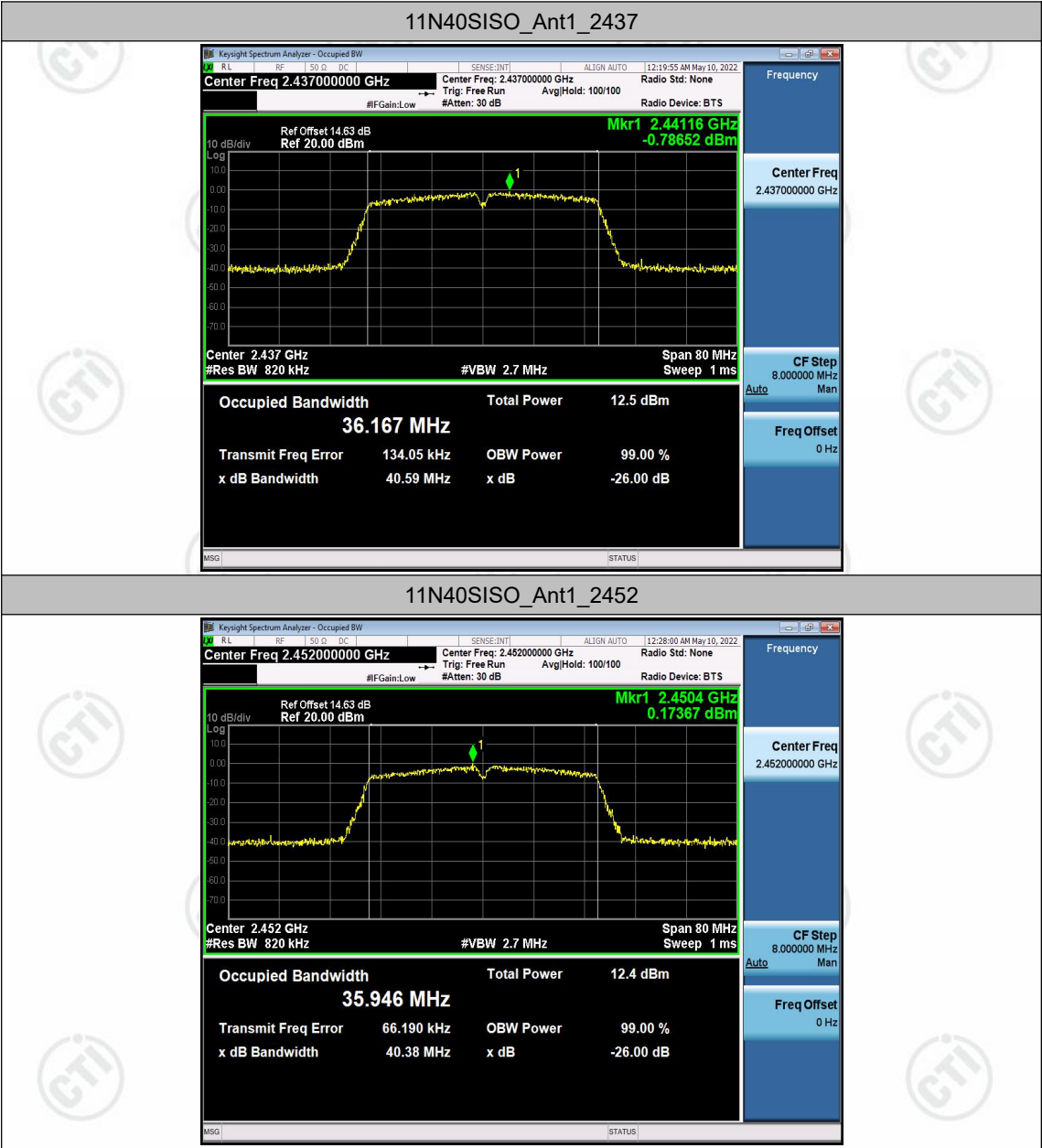












Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequenc y [MHz]	Set Power	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	---	13.45	≤30.00	PASS
		2437	---	13.18	≤30.00	PASS
		2462	---	13.52	≤30.00	PASS
11G	Ant1	2412	---	12.65	≤30.00	PASS
		2437	---	12.53	≤30.00	PASS
		2462	---	12.35	≤30.00	PASS
11N20SISO	Ant1	2412	---	12.66	≤30.00	PASS
		2437	---	12.39	≤30.00	PASS
		2462	---	12.10	≤30.00	PASS
11N40SISO	Ant1	2422	---	12.94	≤30.00	PASS
		2437	---	12.86	≤30.00	PASS
		2452	---	12.69	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.19	≤8.00	PASS
		2437	-10.33	≤8.00	PASS
		2462	-9.83	≤8.00	PASS
11G	Ant1	2412	-17.57	≤8.00	PASS
		2437	-17.67	≤8.00	PASS
		2462	-18.21	≤8.00	PASS
11N20SISO	Ant1	2412	-17.13	≤8.00	PASS
		2437	-18.37	≤8.00	PASS
		2462	-18.25	≤8.00	PASS
11N40SISO	Ant1	2422	-19.21	≤8.00	PASS
		2437	-19.69	≤8.00	PASS
		2452	-20.2	≤8.00	PASS