

Appendix Test Data

Report No.:	18220WC30044902	Test Sample No.:	1-2-2
Start Test Date:	2023.03.21	Finish Test Date:	2023.03.23
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

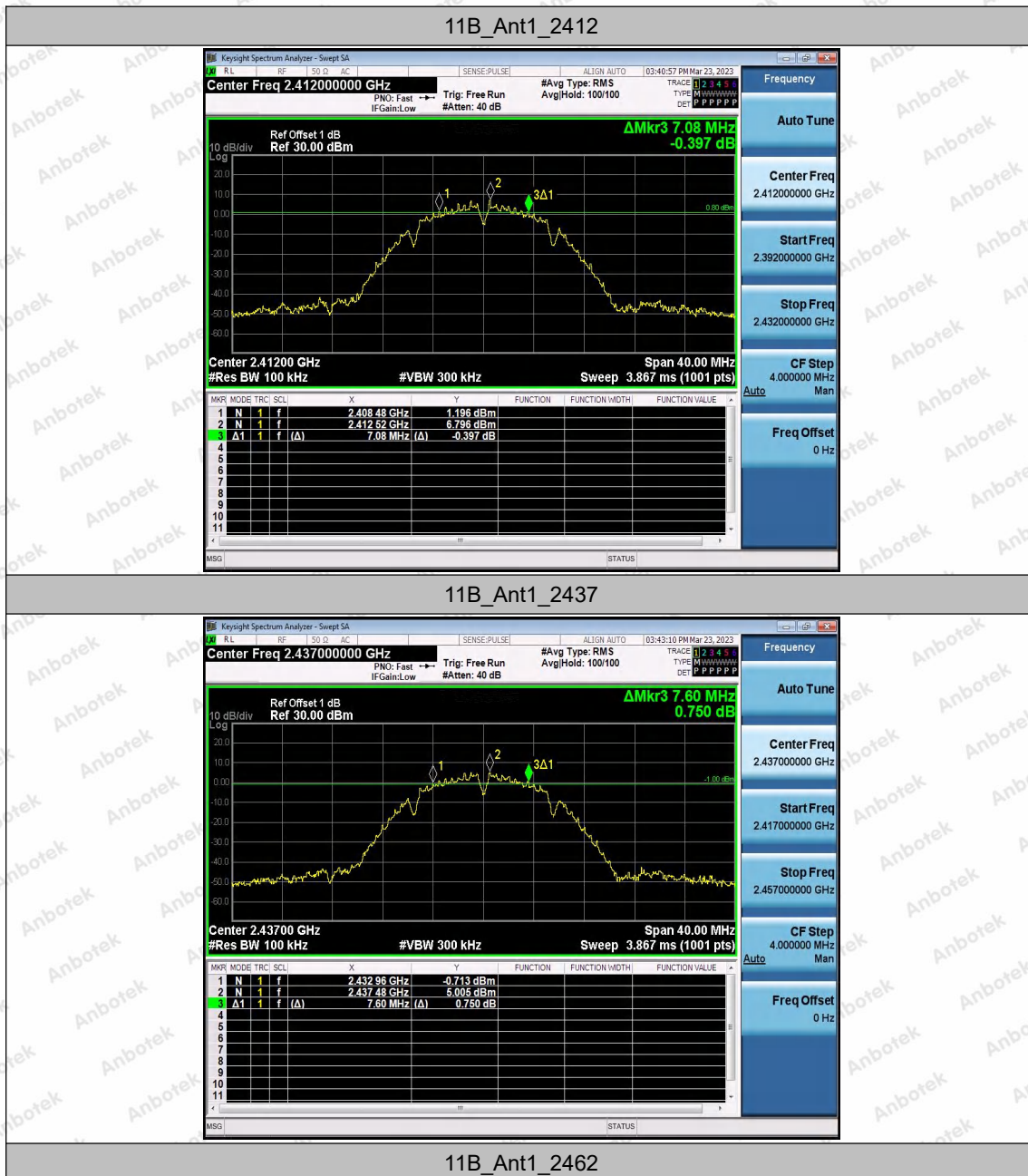
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.480	2415.560	≥0.5	PASS
		2437	7.600	2432.960	2440.560	≥0.5	PASS
		2462	7.040	2458.480	2465.520	≥0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	≥0.5	PASS
		2437	16.320	2428.840	2445.160	≥0.5	PASS
		2462	16.320	2453.840	2470.160	≥0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	≥0.5	PASS
		2437	17.600	2428.200	2445.800	≥0.5	PASS
		2462	17.600	2453.200	2470.800	≥0.5	PASS



Test Graphs



11B_Ant1_2462

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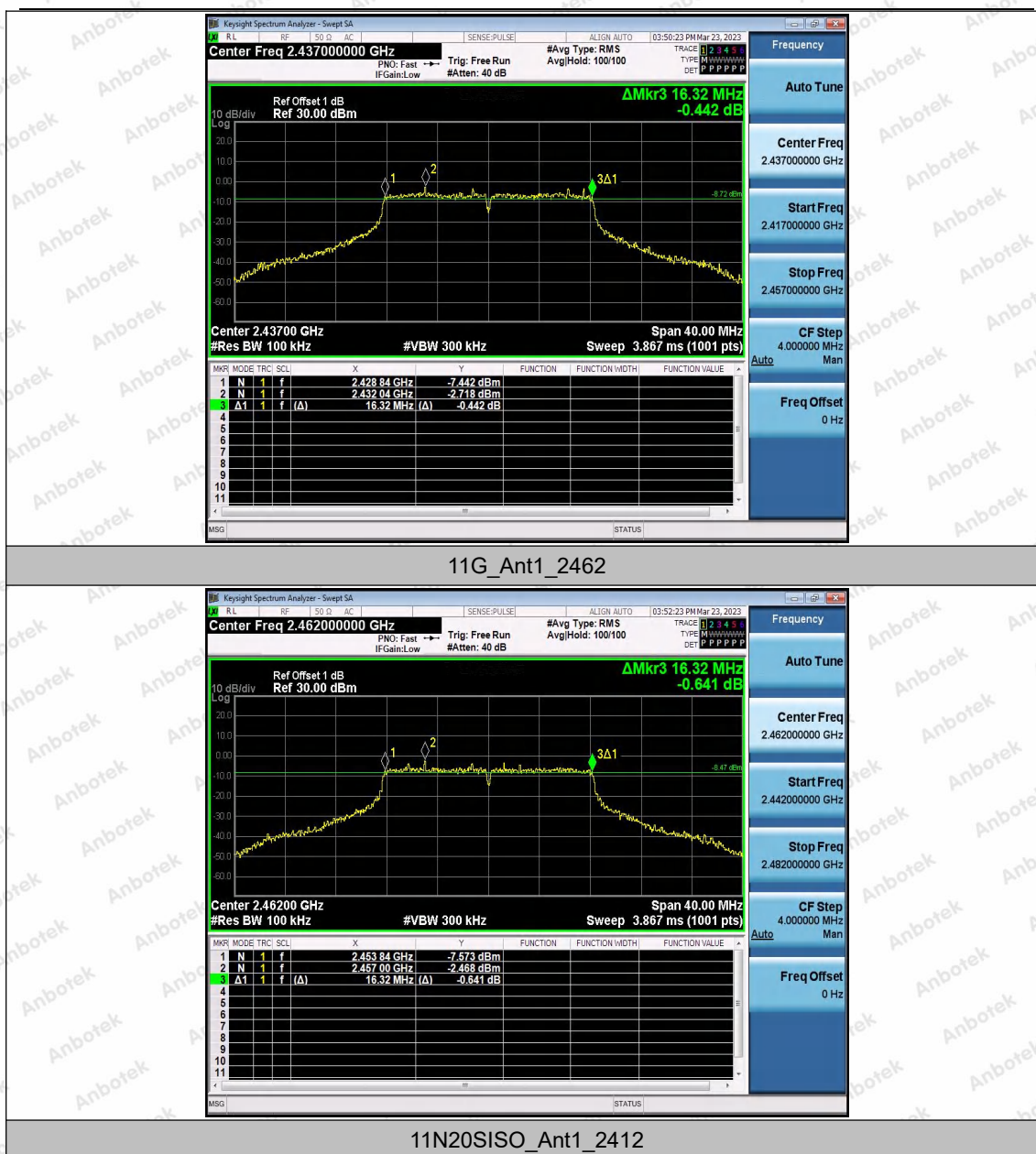
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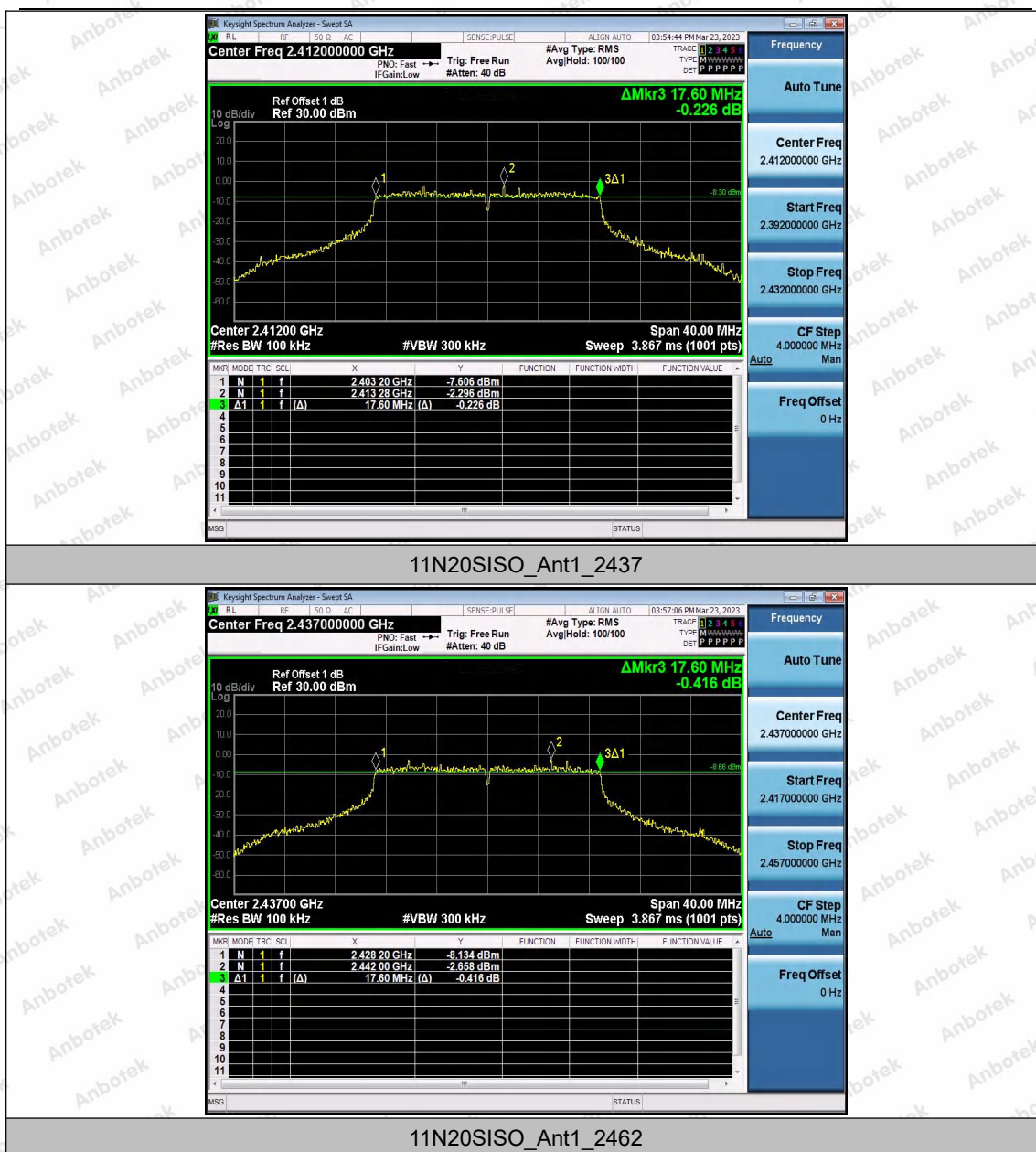
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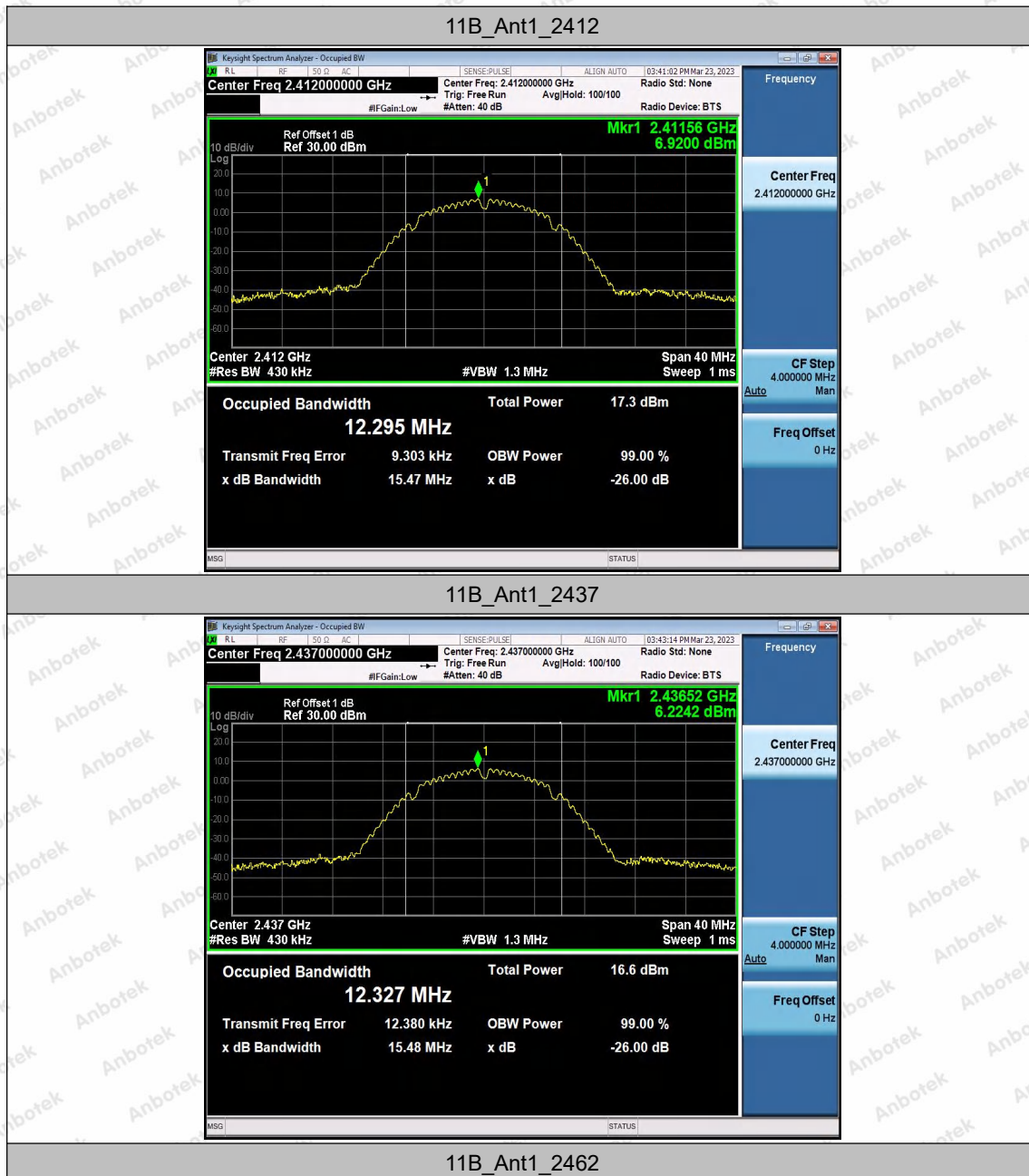
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.295	2405.8618	2418.1568	---	---
		2437	12.327	2430.8489	2443.1759	---	---
		2462	12.333	2455.8494	2468.1824	---	---
11G	Ant1	2412	17.676	2403.0452	2420.7212	---	---
		2437	17.680	2428.0744	2445.7544	---	---
		2462	17.709	2453.0912	2470.8002	---	---
11N20SISO	Ant1	2412	18.863	2402.5018	2421.3648	---	---
		2437	18.888	2427.5462	2446.4342	---	---
		2462	18.891	2452.5211	2471.4121	---	---



Test Graphs



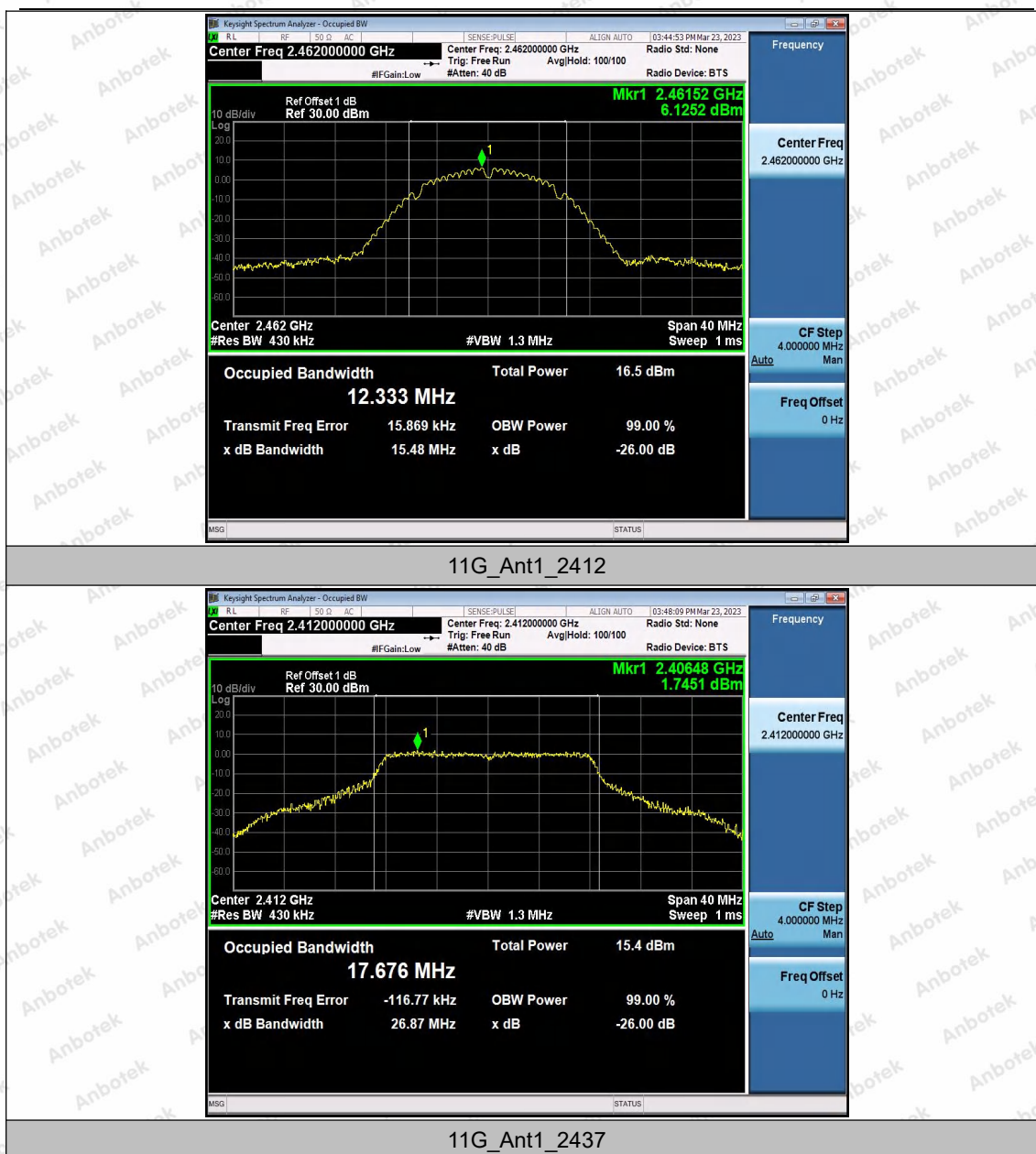
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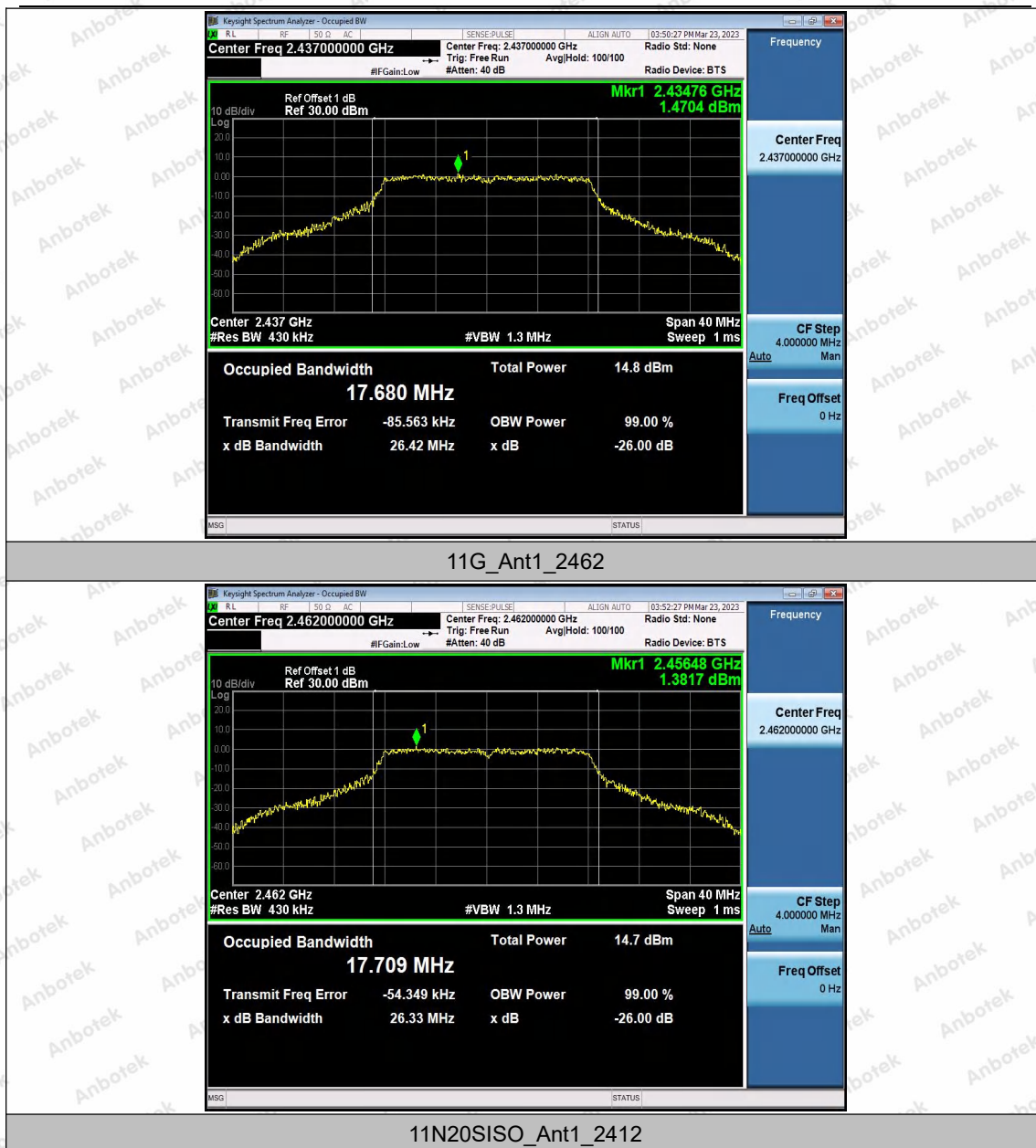
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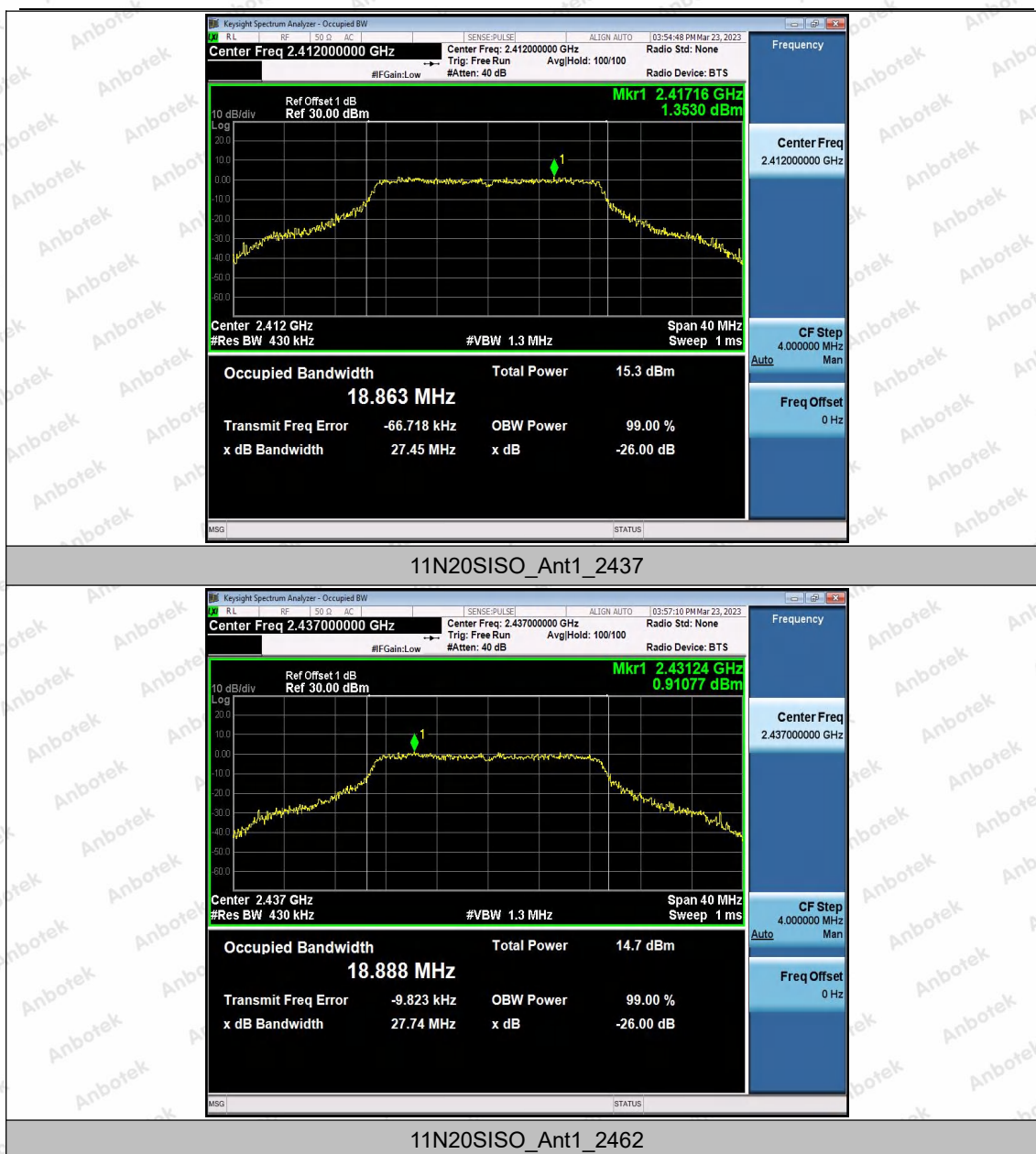
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	17.30	≤30.00
		2437	16.58	≤30.00
		2462	16.50	≤30.00
11G	Ant1	2412	16.52	≤30.00
		2437	15.90	≤30.00
		2462	15.76	≤30.00
11N20SISO	Ant1	2412	16.40	≤30.00
		2437	15.80	≤30.00
		2462	15.64	≤30.00



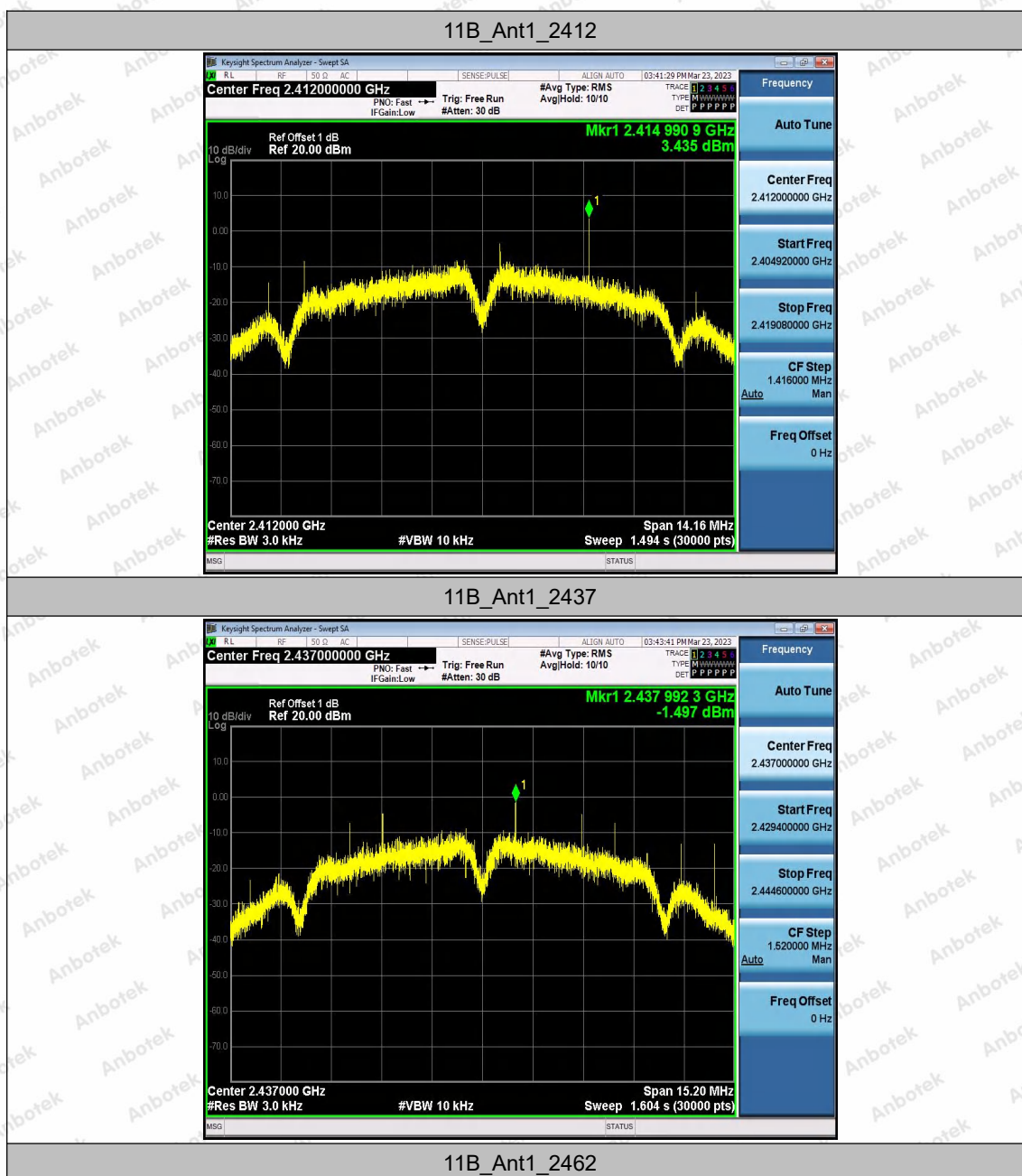
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	3.44	≤8.00	PASS
		2437	-1.50	≤8.00	PASS
		2462	-4.08	≤8.00	PASS
11G	Ant1	2412	-14.98	≤8.00	PASS
		2437	-17.02	≤8.00	PASS
		2462	-16.02	≤8.00	PASS
11N20SISO	Ant1	2412	-16.16	≤8.00	PASS
		2437	-16.71	≤8.00	PASS
		2462	-15.72	≤8.00	PASS



Test Graphs



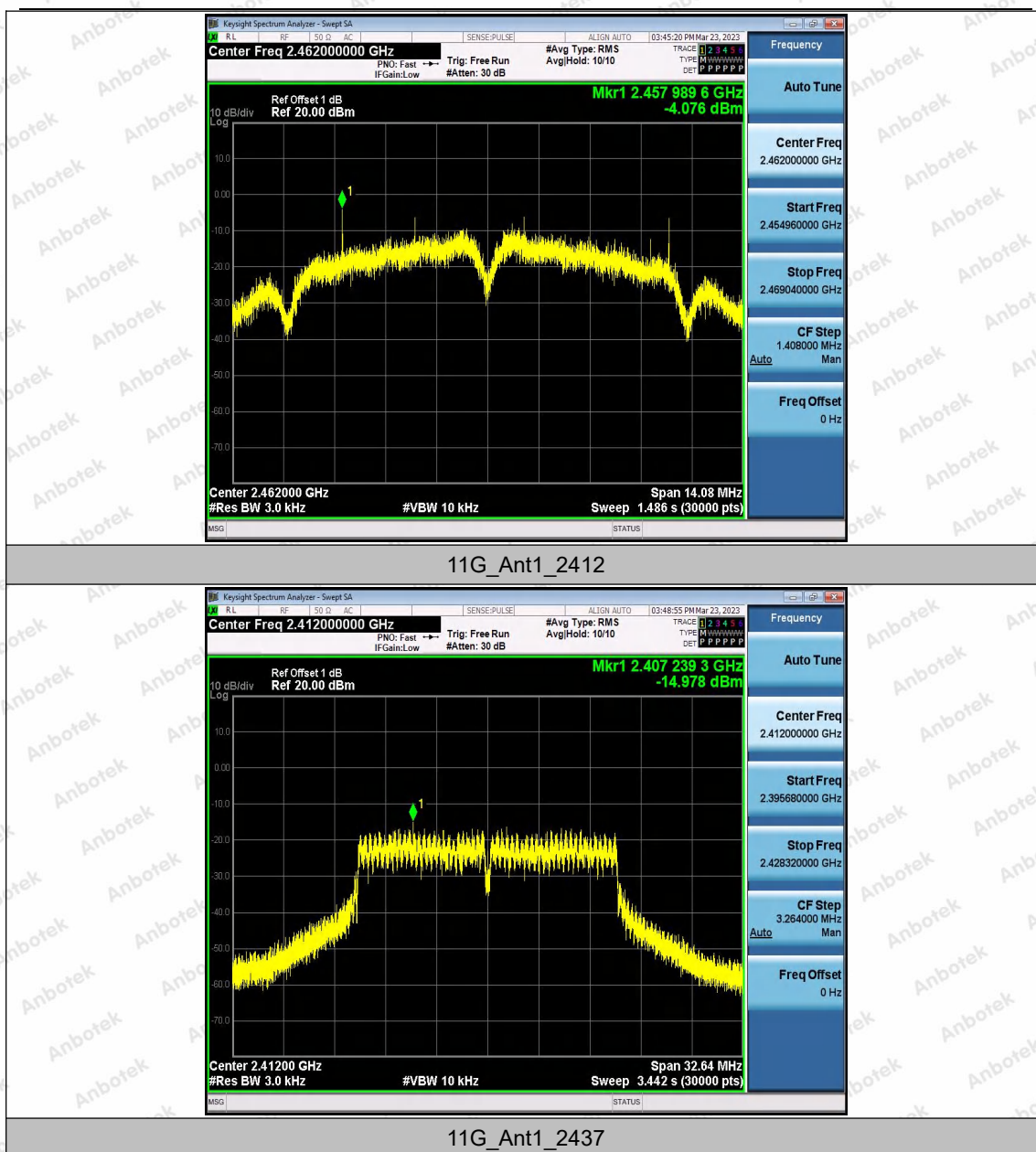
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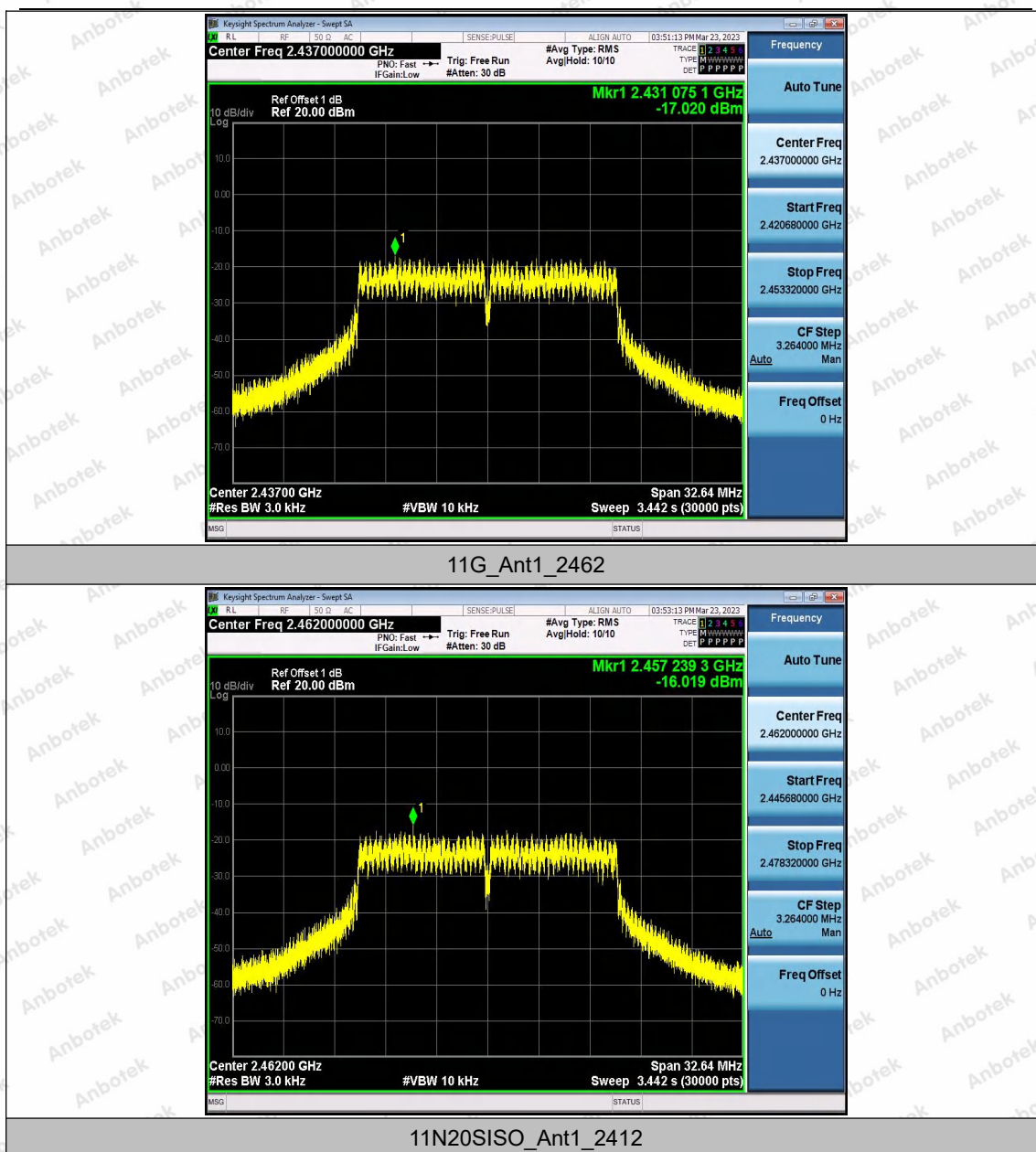
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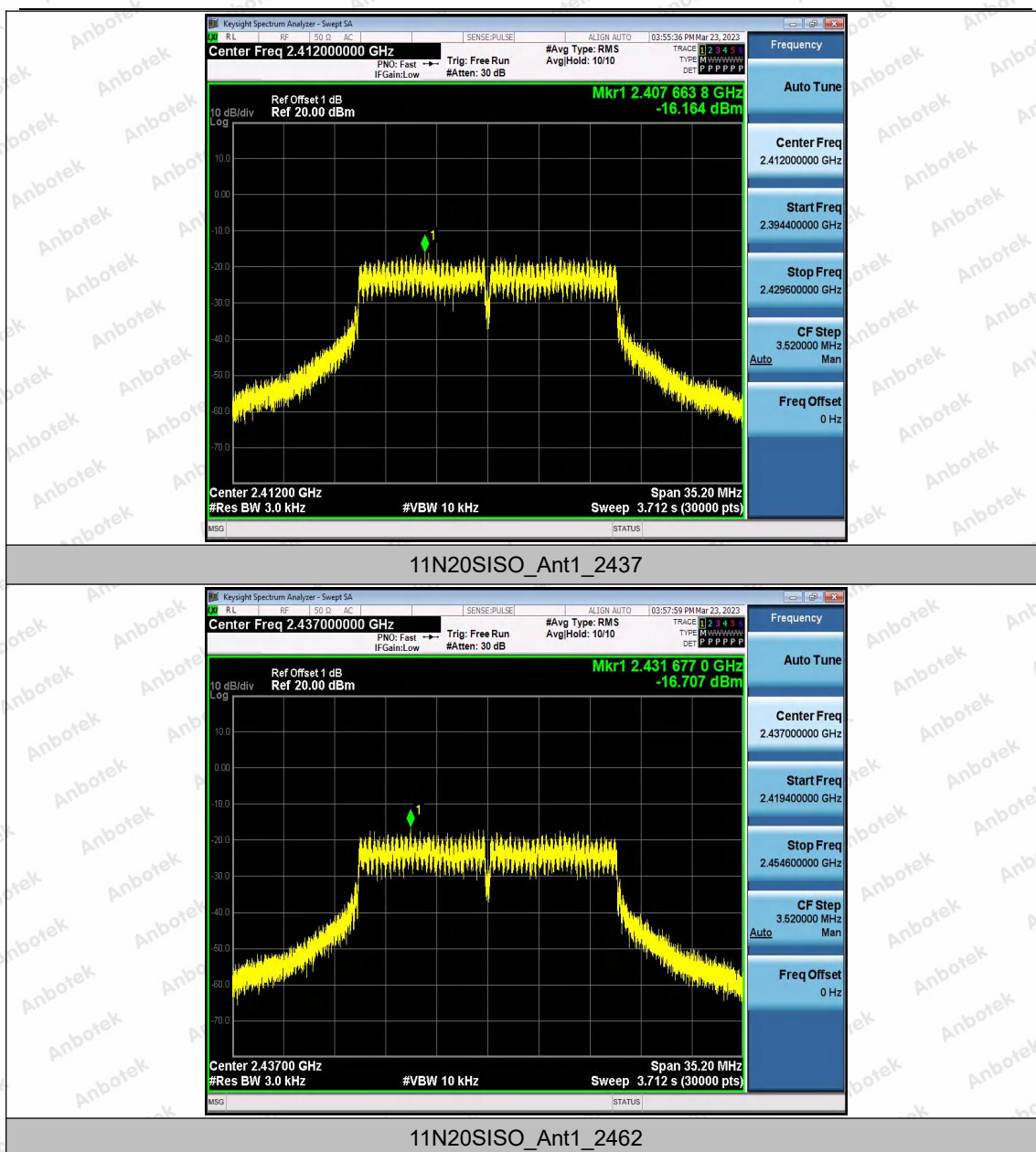
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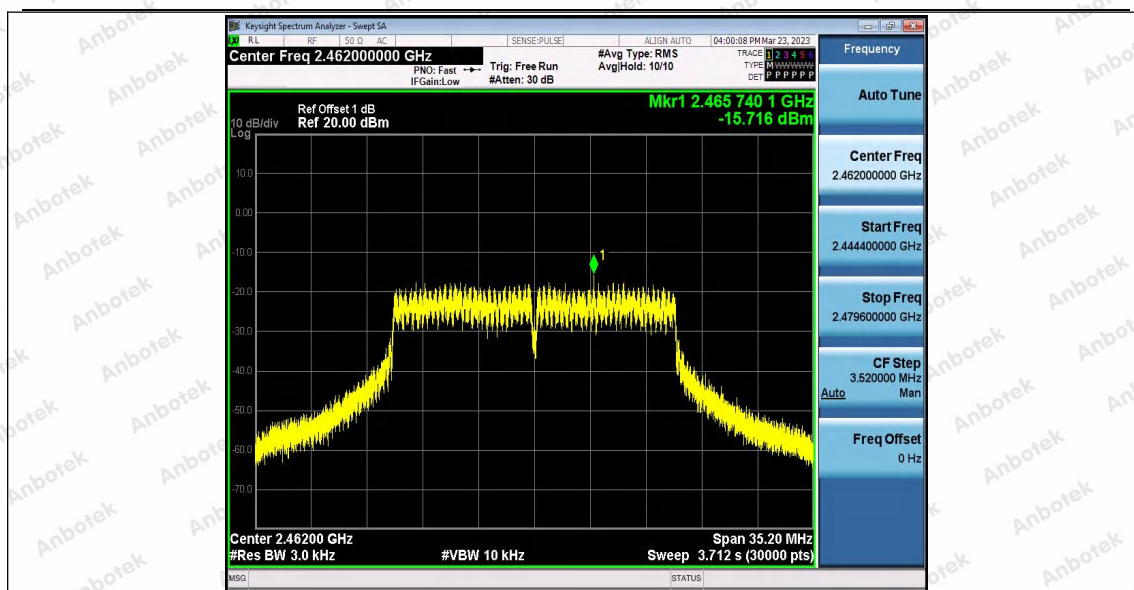
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.82	-43.78	≤-13.18	PASS
		High	2462	4.71	-56.59	≤-15.3	PASS
11G	Ant1	Low	2412	-1.65	-31.01	≤-21.65	PASS
		High	2462	-2.70	-49.45	≤-22.7	PASS
11N20SISO	Ant1	Low	2412	-2.38	-30.97	≤-22.38	PASS
		High	2462	-3.56	-49.15	≤-23.56	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

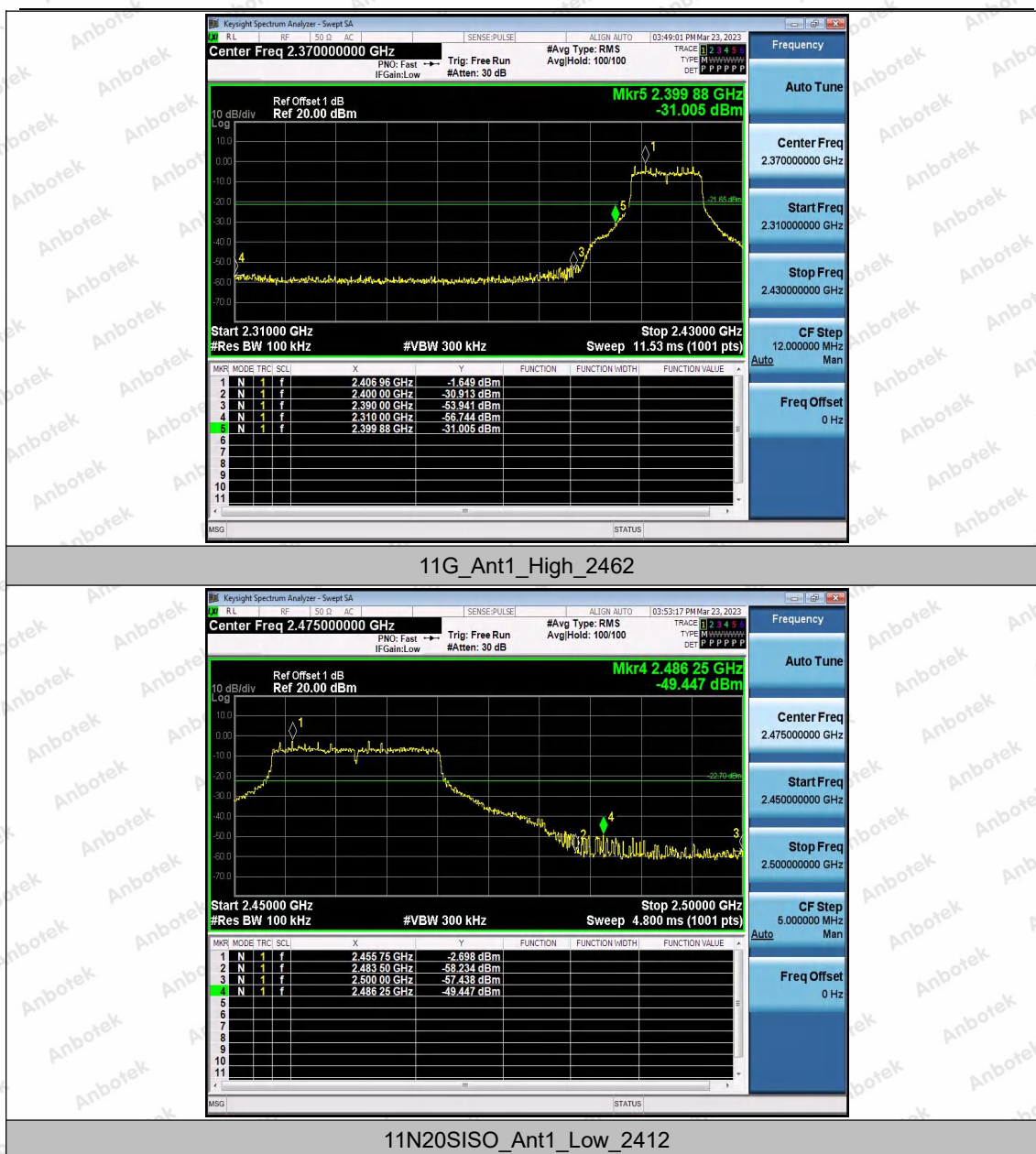
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