

Appendix Test Data

Report No.:	18220WC20247702	Test Sample No.:	1-2-2
Start Test Date:	2022.10.18	Finish Test Date:	2022.10.21
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

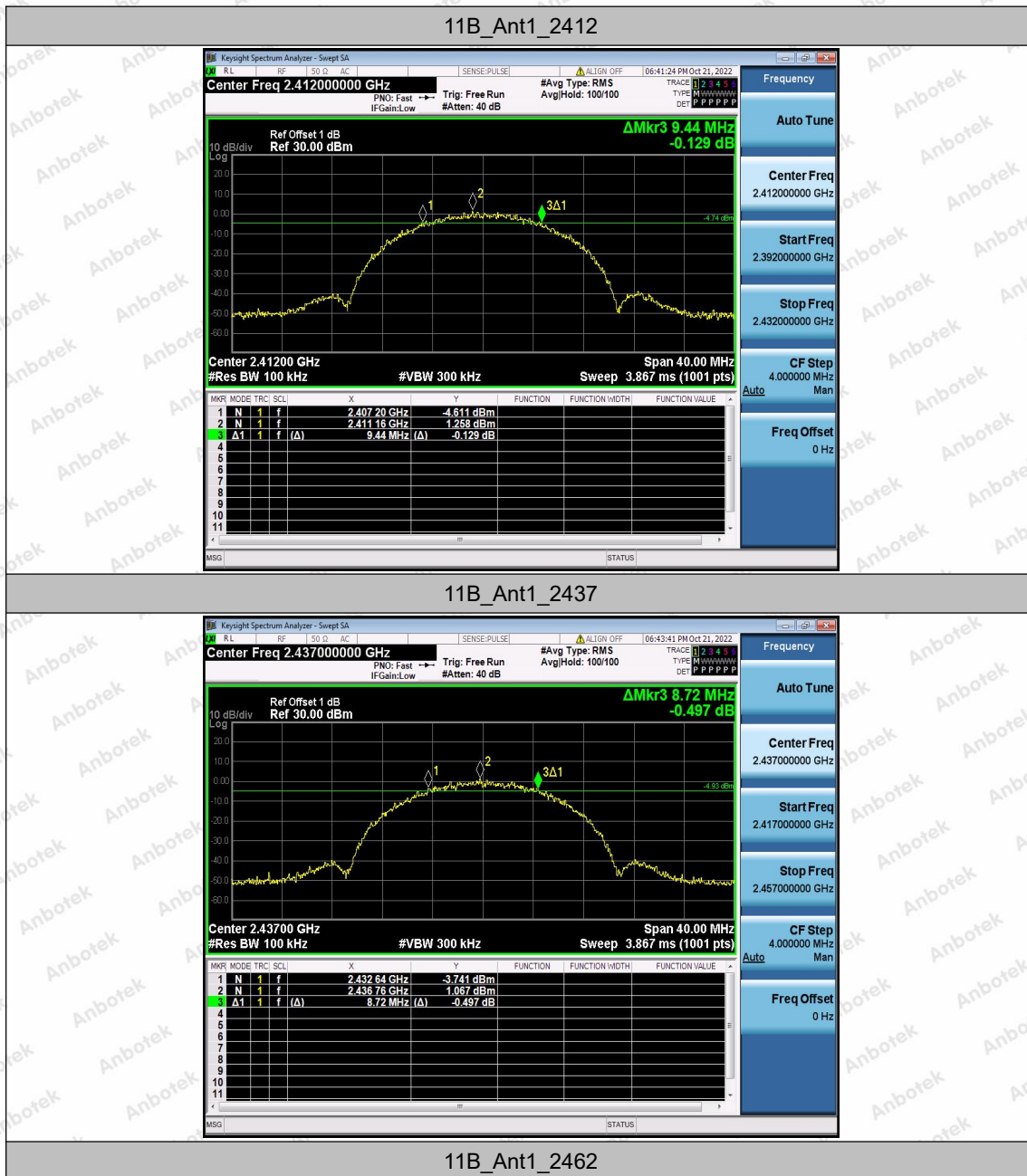
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.440	2407.200	2416.640	≥0.5	PASS
		2437	8.720	2432.640	2441.360	≥0.5	PASS
		2462	9.960	2456.760	2466.720	≥0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	≥0.5	PASS
		2437	16.080	2428.800	2444.880	≥0.5	PASS
		2462	16.280	2453.840	2470.120	≥0.5	PASS
11N20	Ant1	2412	17.520	2403.240	2420.760	≥0.5	PASS
		2437	17.560	2428.240	2445.800	≥0.5	PASS
		2462	17.600	2453.240	2470.840	≥0.5	PASS



Test Graphs



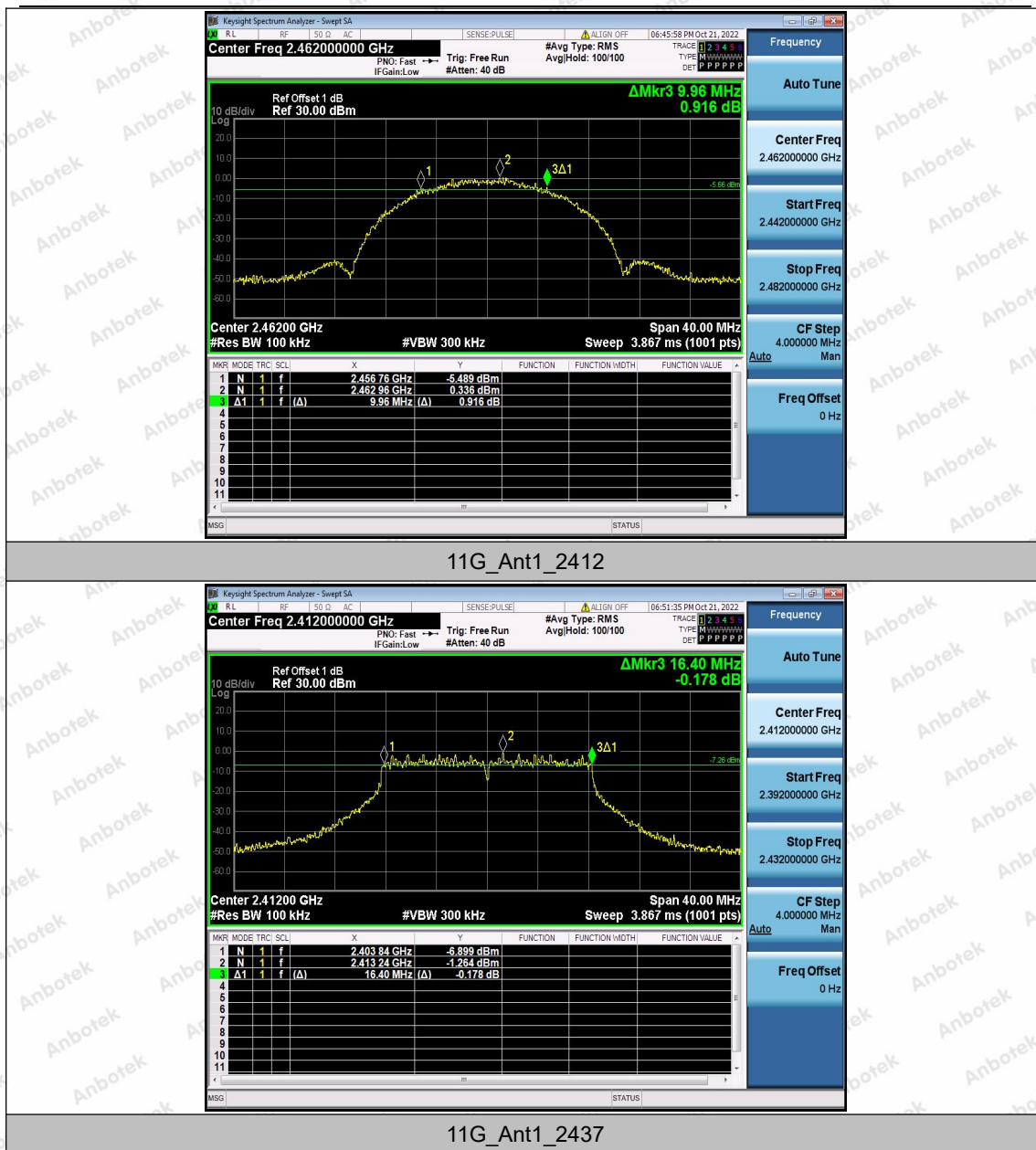
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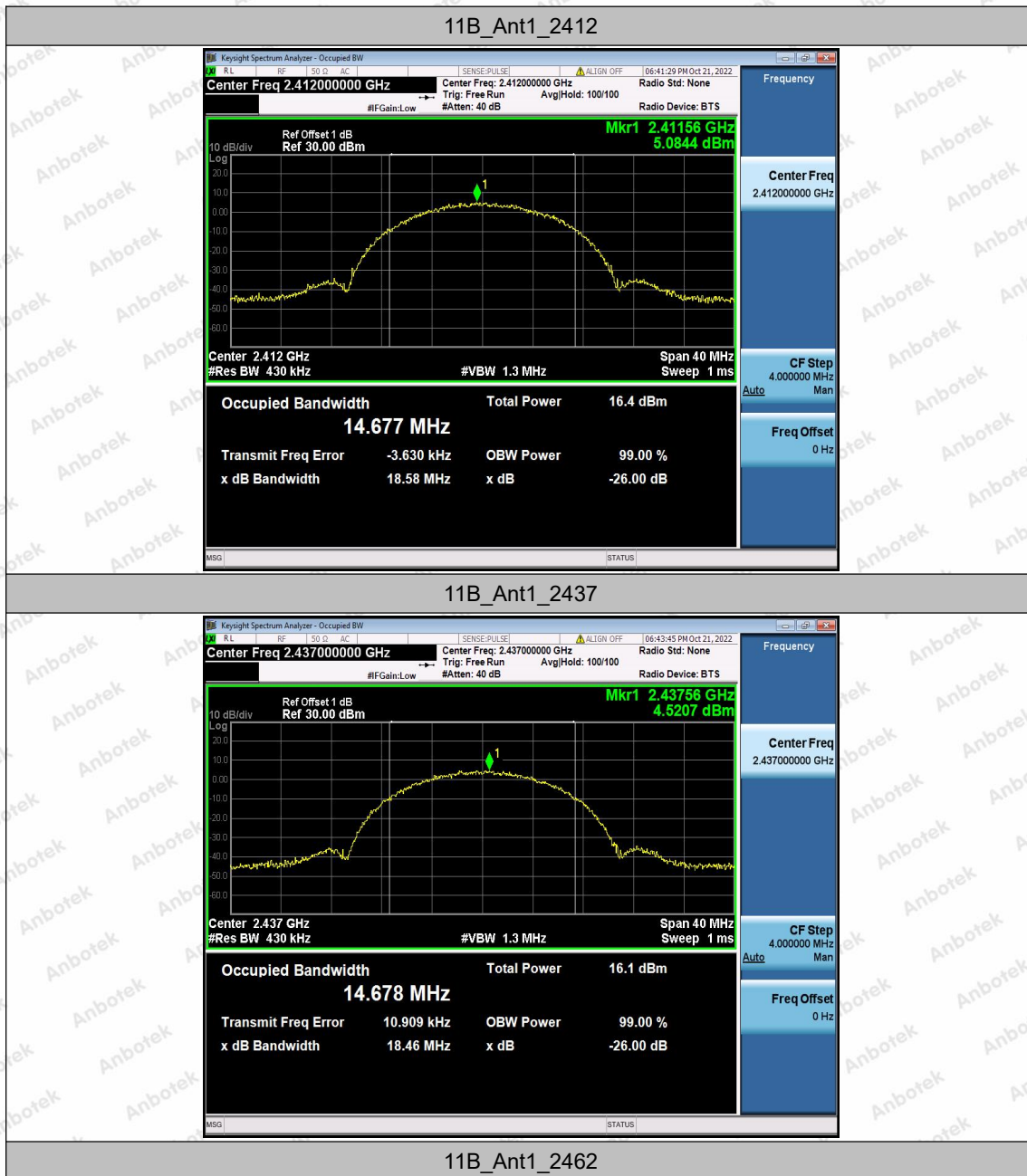
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.677	2404.6579	2419.3349
		2437	14.678	2429.6719	2444.3499
		2462	14.685	2454.6849	2469.3699
11G	Ant1	2412	17.057	2403.4944	2420.5514
		2437	16.805	2428.6093	2445.4143
		2462	16.900	2453.5504	2470.4504
11N20	Ant1	2412	17.954	2403.0279	2420.9819
		2437	17.933	2428.1153	2446.0483
		2462	17.917	2453.0618	2470.9788



Test Graphs



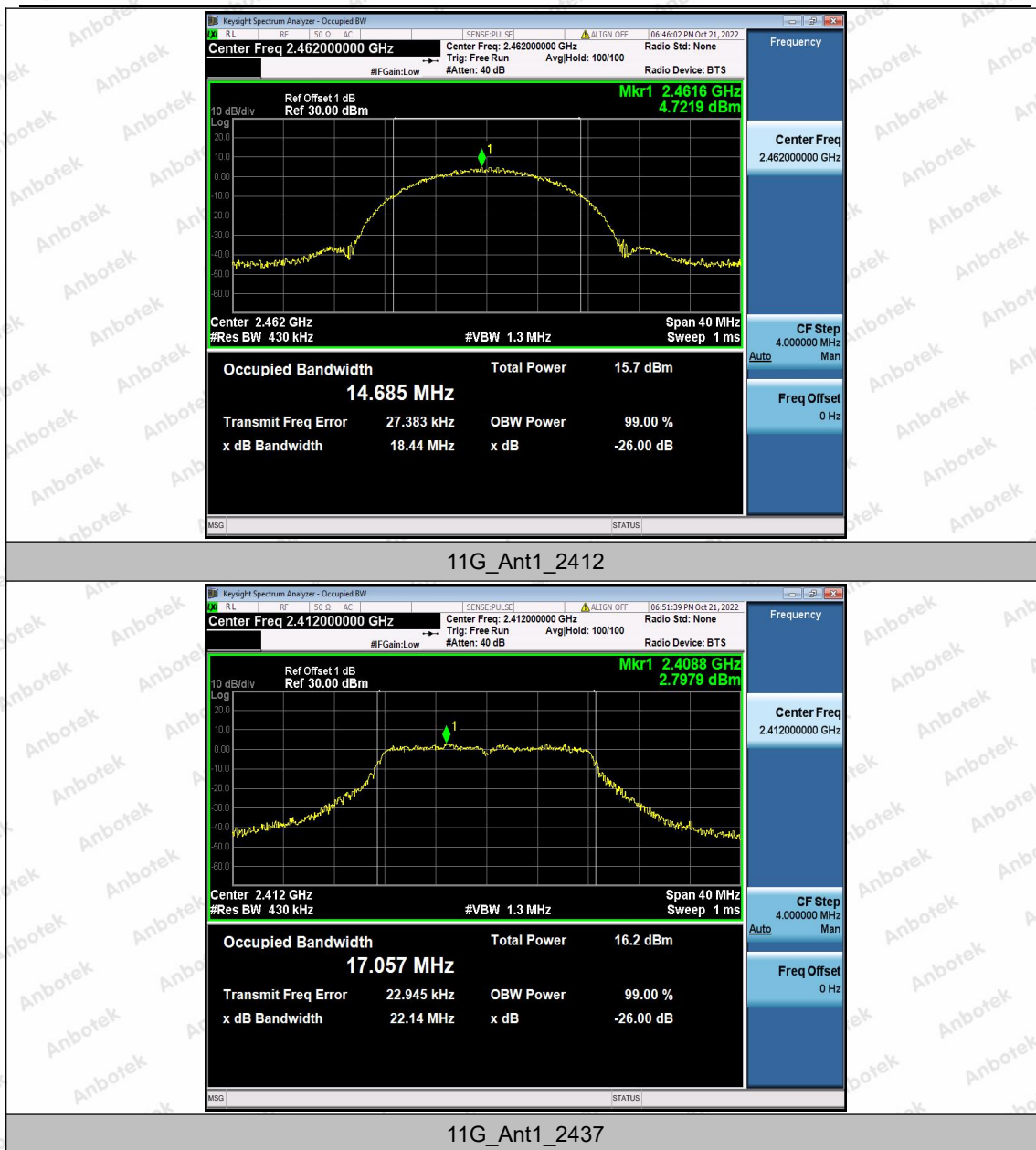
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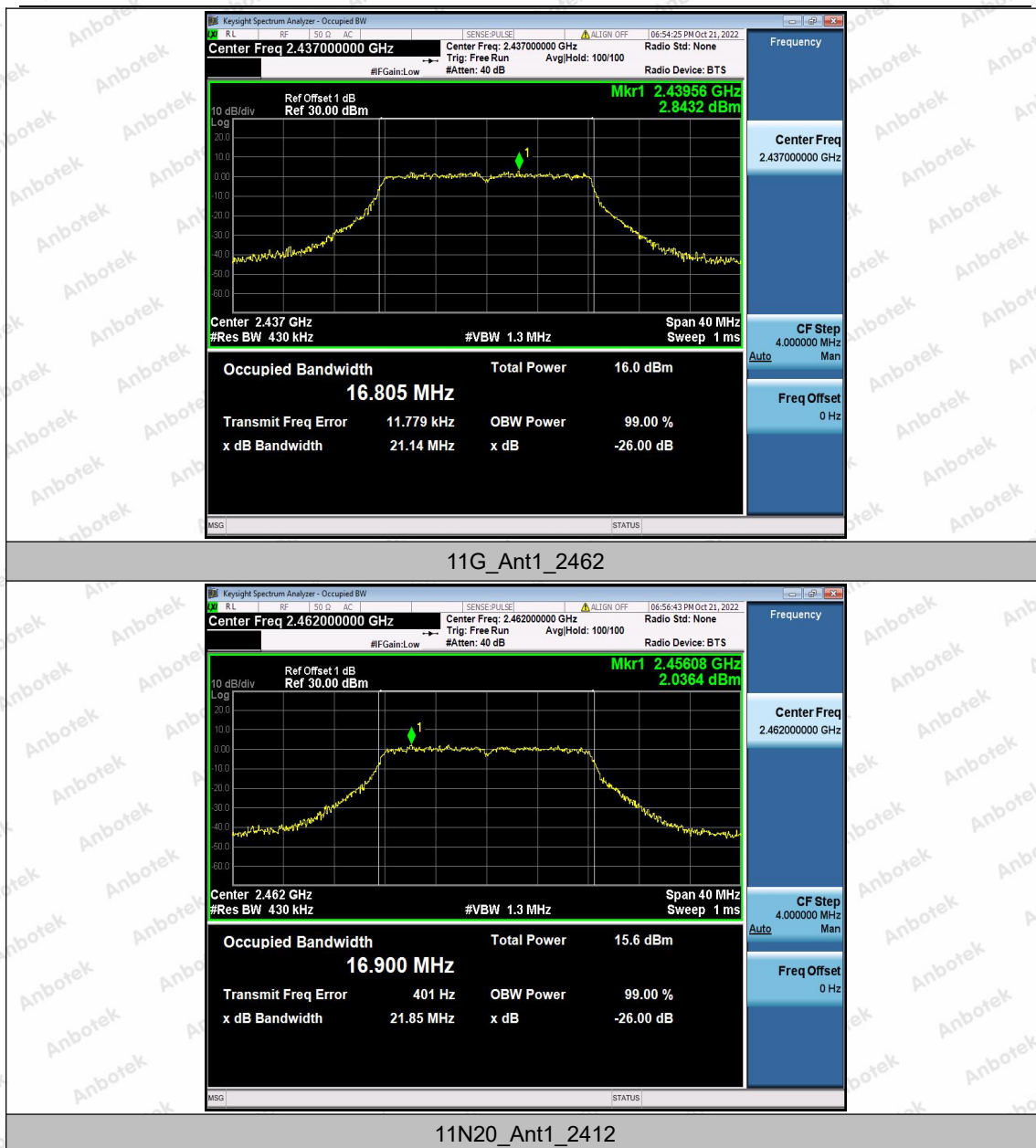
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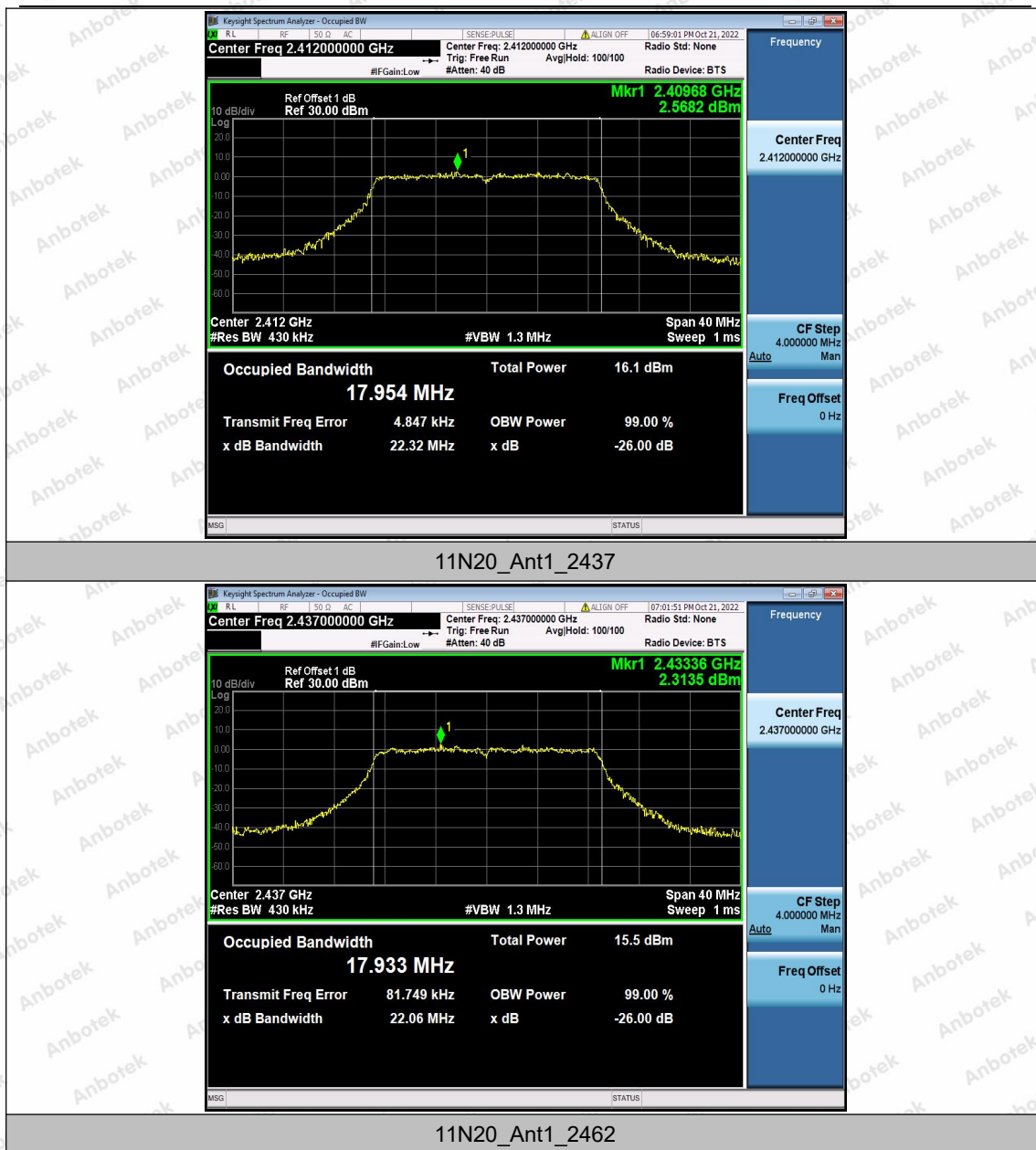
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	15.98	≤30.00
		2437	15.58	≤30.00
		2462	15.17	≤30.00
11G	Ant1	2412	17.06	≤30.00
		2437	16.93	≤30.00
		2462	16.70	≤30.00
11N20	Ant1	2412	17.02	≤30.00
		2437	16.36	≤30.00
		2462	15.77	≤30.00



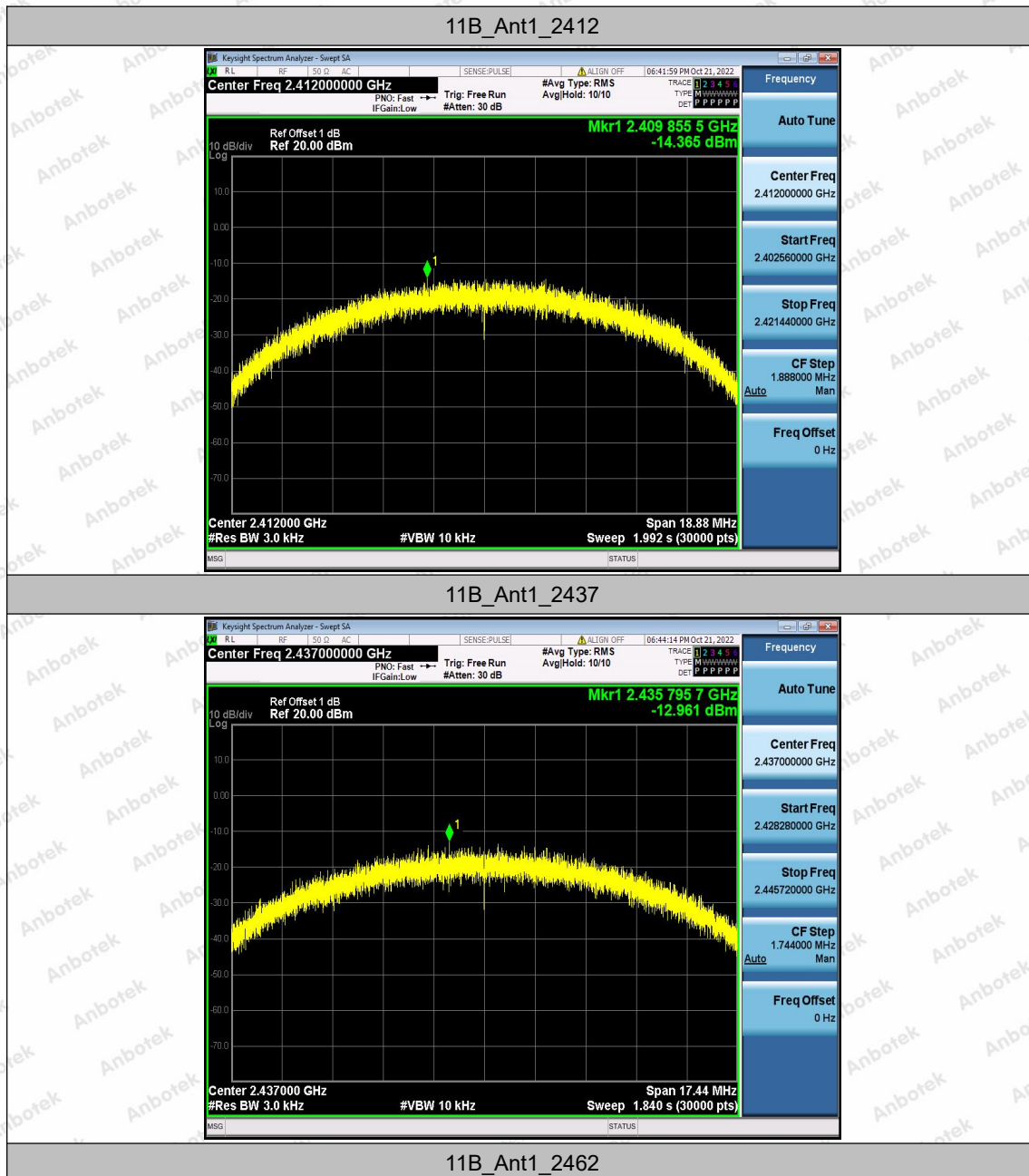
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.37	≤8.00	PASS
		2437	-12.96	≤8.00	PASS
		2462	-14.07	≤8.00	PASS
11G	Ant1	2412	-15.48	≤8.00	PASS
		2437	-16.66	≤8.00	PASS
		2462	-16.63	≤8.00	PASS
11N20	Ant1	2412	-17.25	≤8.00	PASS
		2437	-15.89	≤8.00	PASS
		2462	-17.22	≤8.00	PASS



Test Graphs



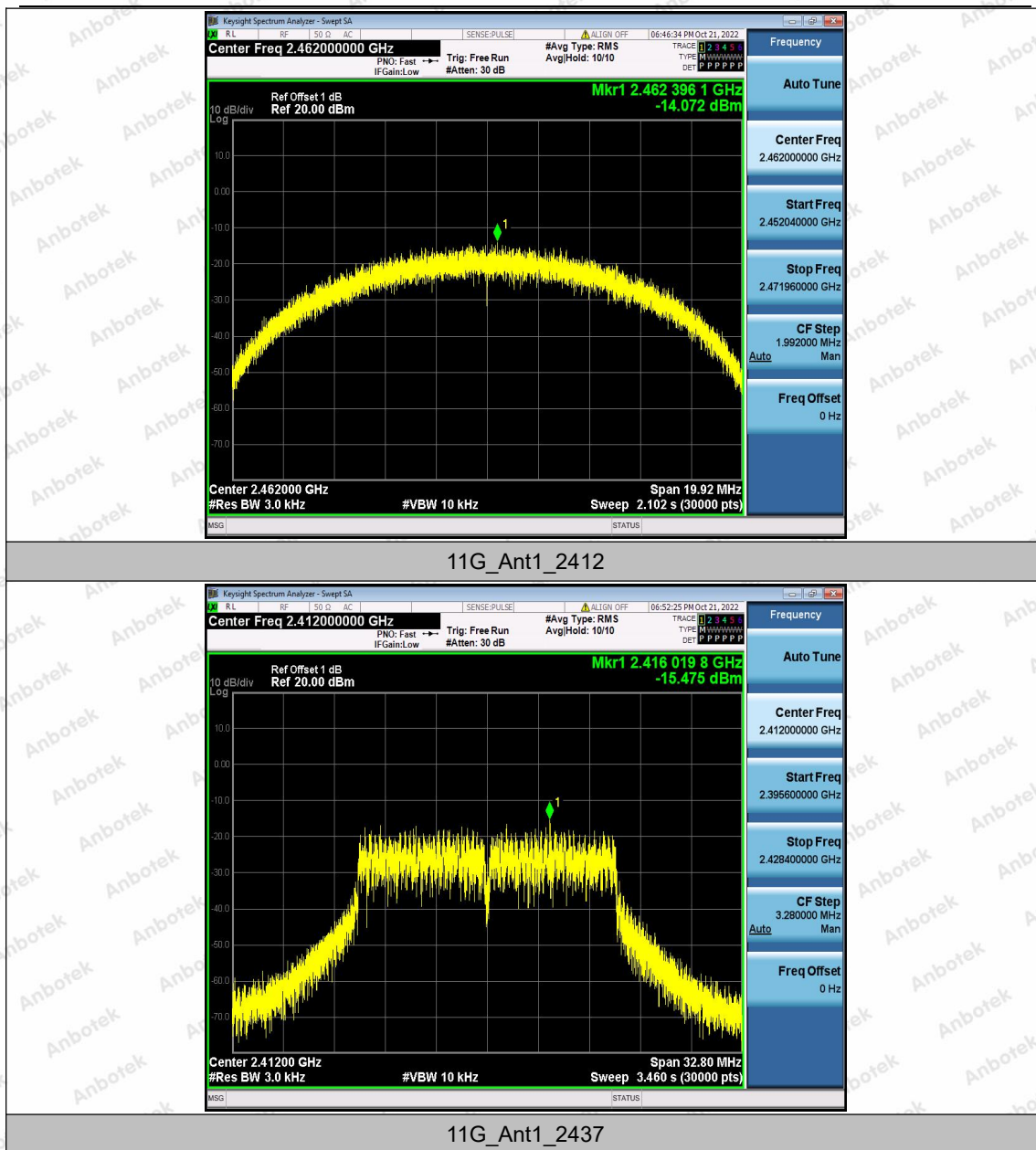
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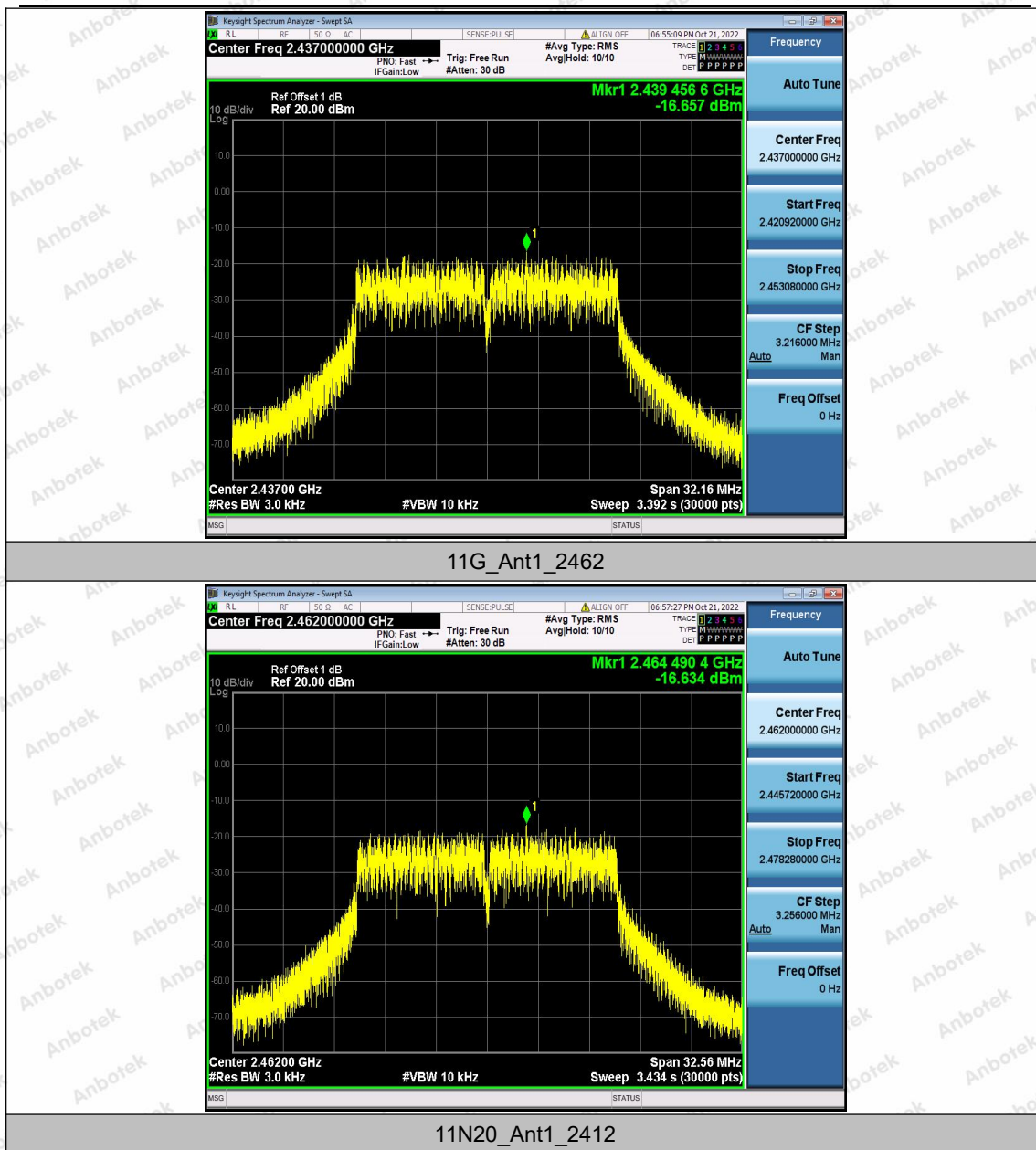
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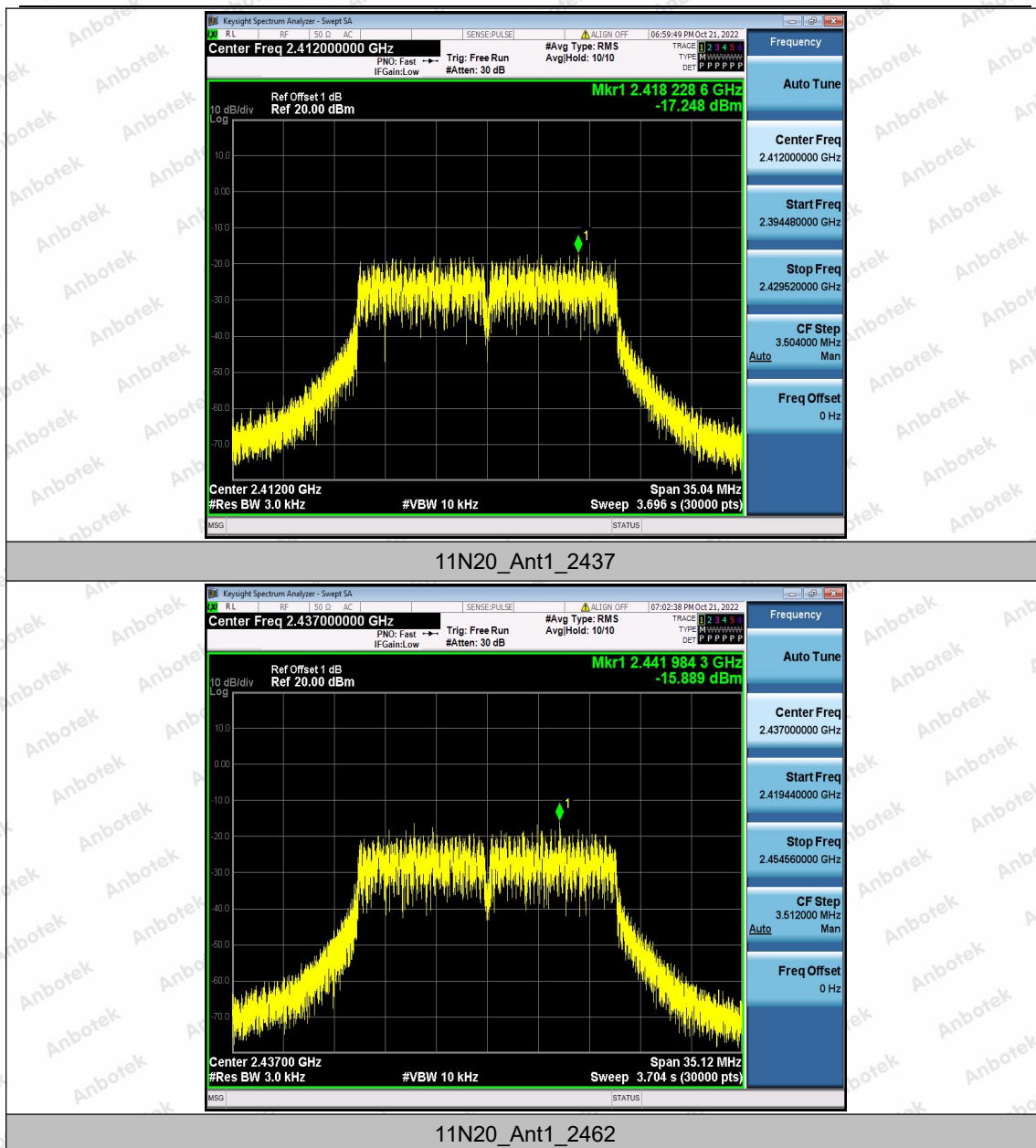
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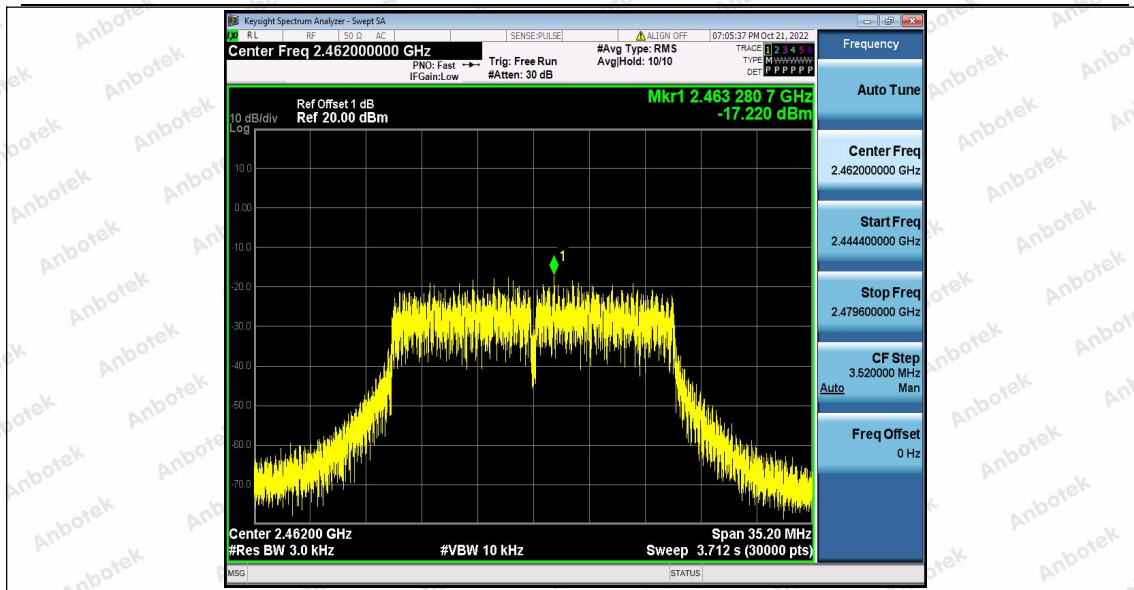
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Appendix E: Band edge measurements

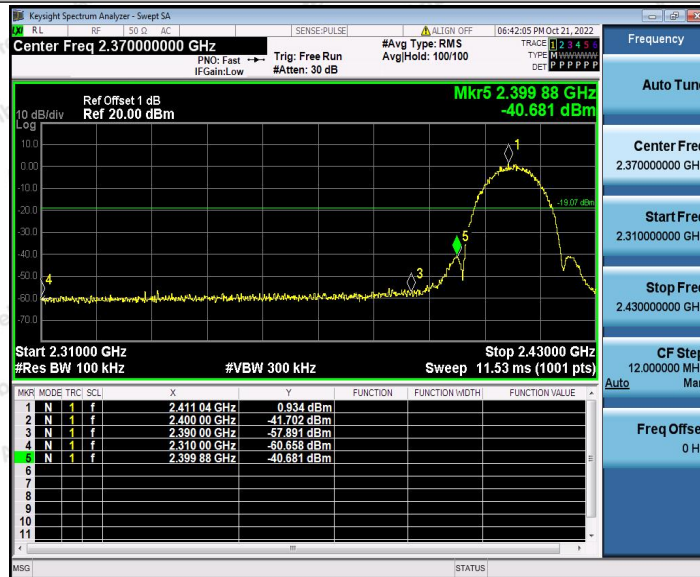
Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	0.93	-40.68	≤-19.07	PASS
		High	2462	-0.06	-56.86	≤-20.06	PASS
11G	Ant1	Low	2412	-1.69	-37.3	≤-21.69	PASS
		High	2462	-1.68	-56.39	≤-21.68	PASS
11N20	Ant1	Low	2412	-1.14	-36.76	≤-21.14	PASS
		High	2462	-2.07	-54.59	≤-22.07	PASS

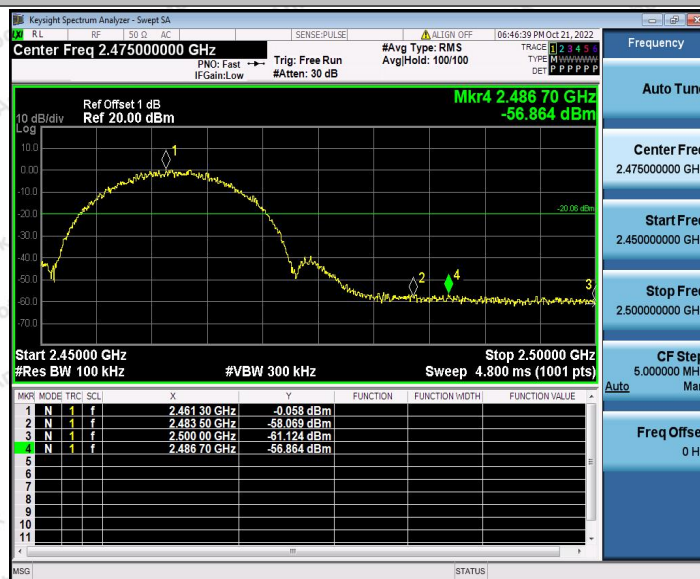


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

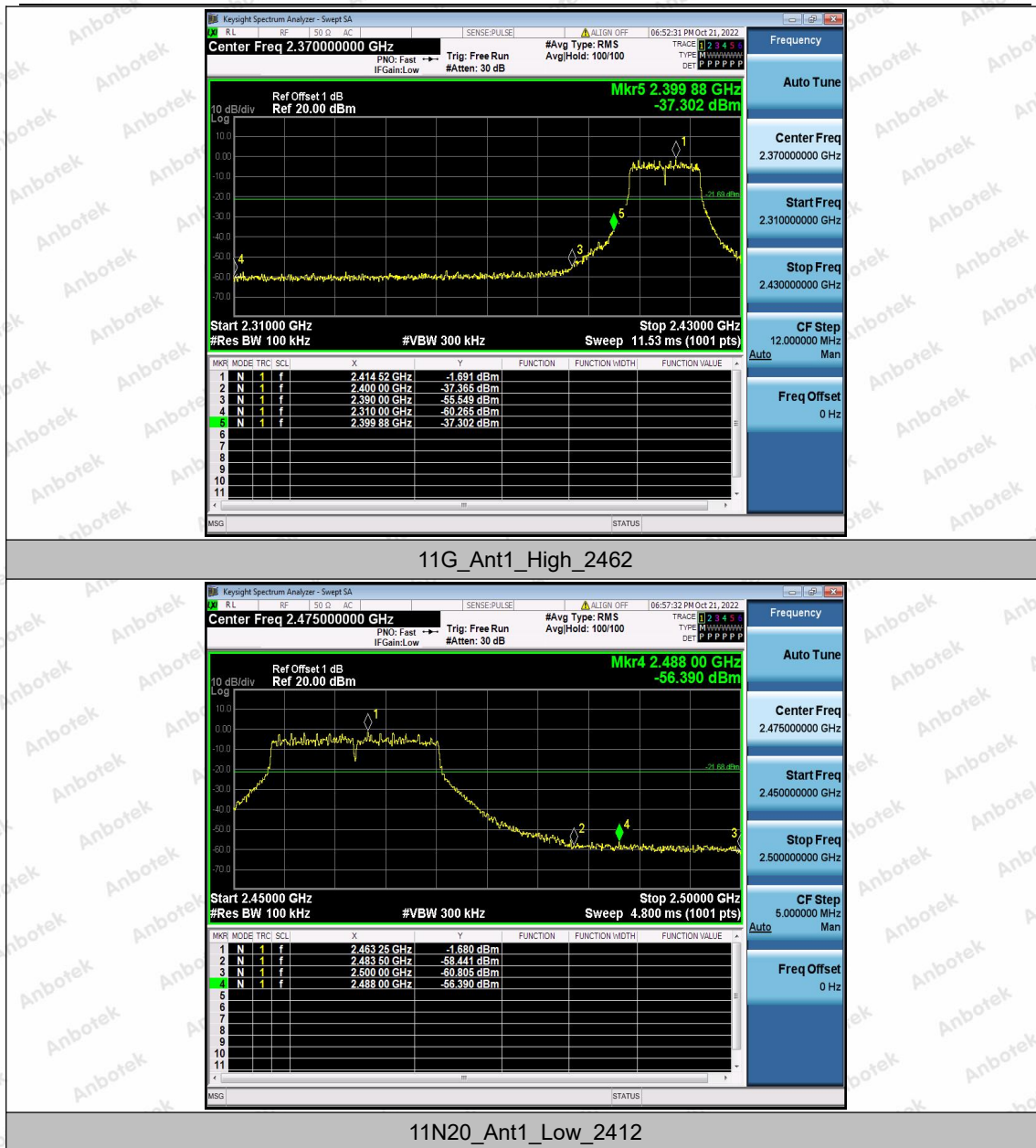
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