

Appendix Test Data

Report No.:	18220WC20247302	Test Sample No.:	1-2-2
Start Test Date:	2022.10.18	Finish Test Date:	2022.10.24
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	9.800	2407.040	2416.840	≥0.5	PASS
		2437	8.480	2432.960	2441.440	≥0.5	PASS
		2462	8.560	2457.680	2466.240	≥0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	≥0.5	PASS
		2437	16.440	2428.760	2445.200	≥0.5	PASS
		2462	16.400	2453.800	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.600	2403.200	2420.800	≥0.5	PASS
		2437	17.680	2428.160	2445.840	≥0.5	PASS
		2462	17.600	2453.200	2470.800	≥0.5	PASS



Test Graphs



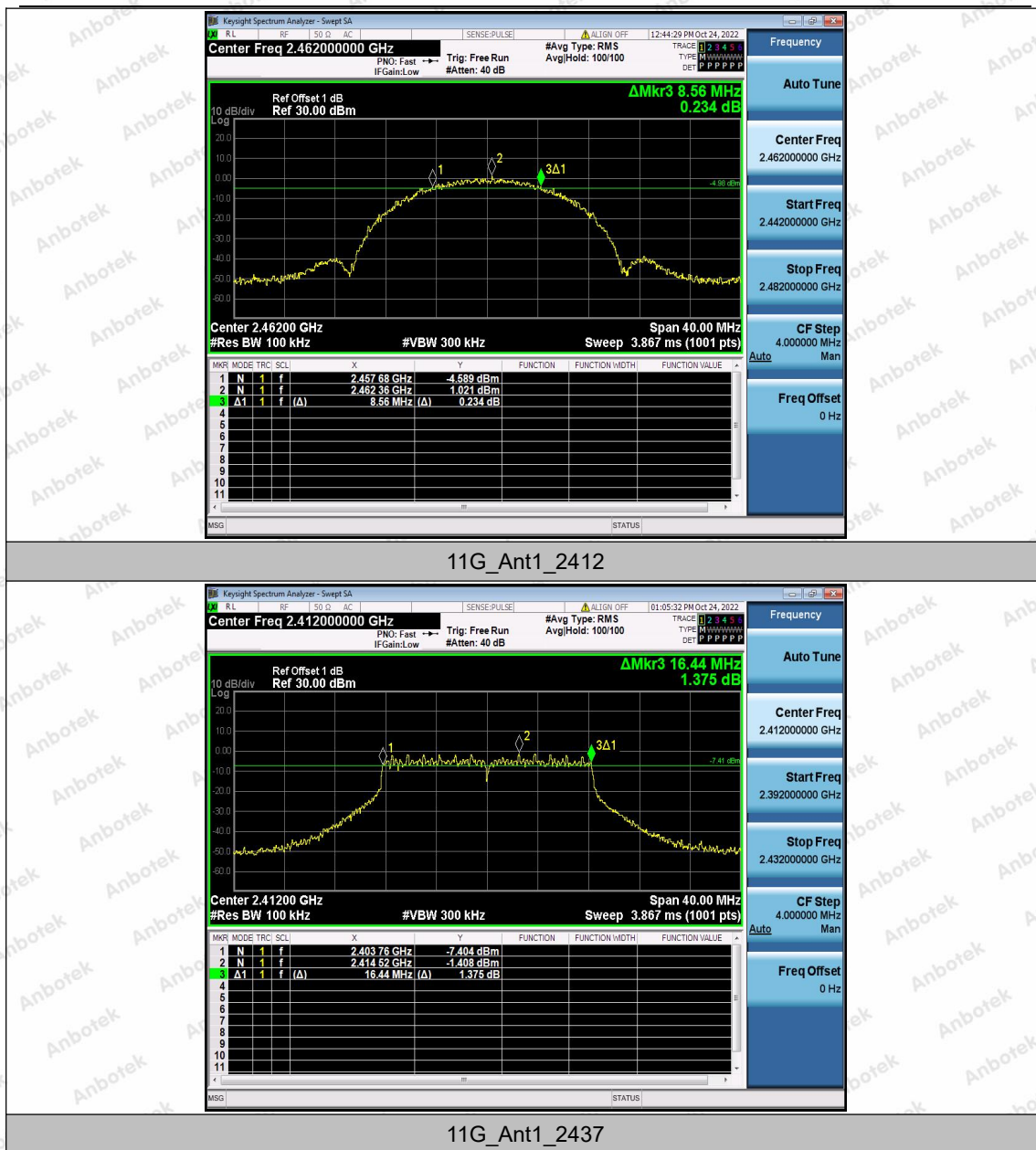
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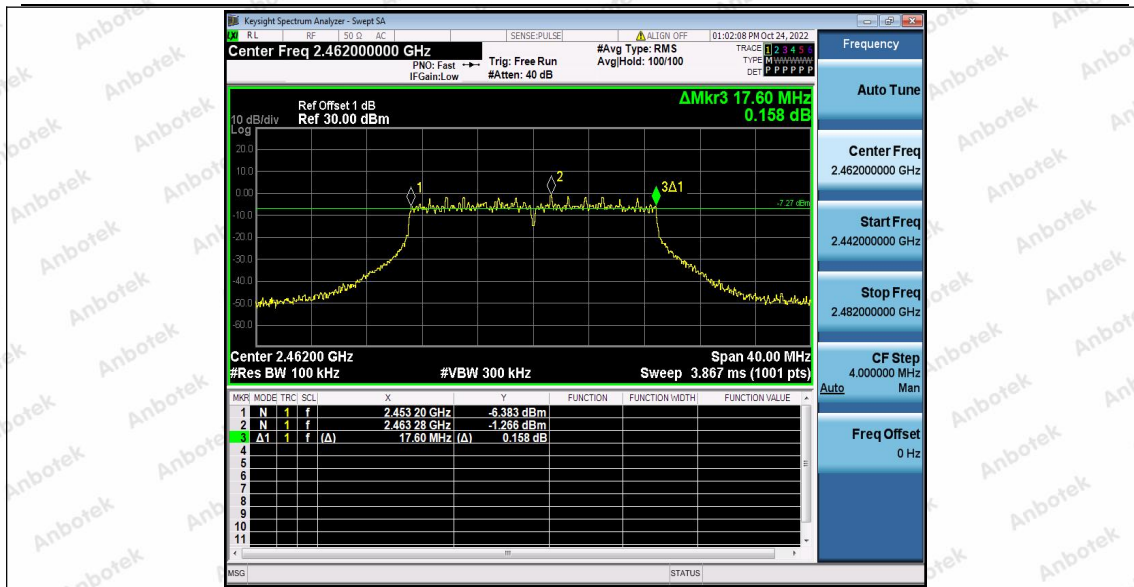
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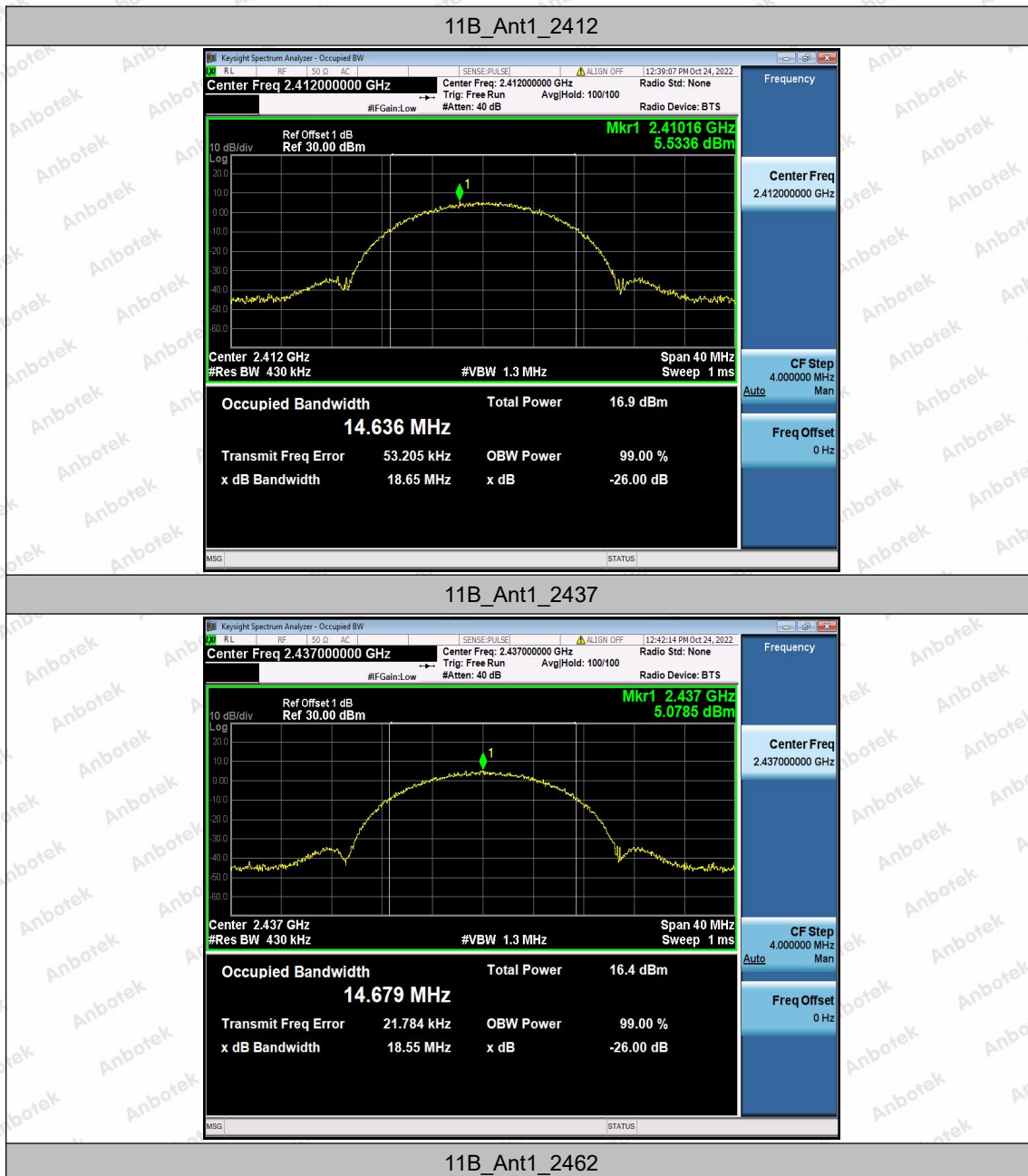
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.636	2404.7352	2419.3712	---	---
		2437	14.679	2429.6823	2444.3613	---	---
		2462	14.637	2454.7150	2469.3520	---	---
11G	Ant1	2412	16.835	2403.6028	2420.4378	---	---
		2437	17.065	2428.4927	2445.5577	---	---
		2462	17.022	2453.5387	2470.5607	---	---
11N20	Ant1	2412	17.967	2402.9736	2420.9406	---	---
		2437	17.982	2428.0257	2446.0077	---	---
		2462	17.823	2453.1424	2470.9654	---	---



Test Graphs



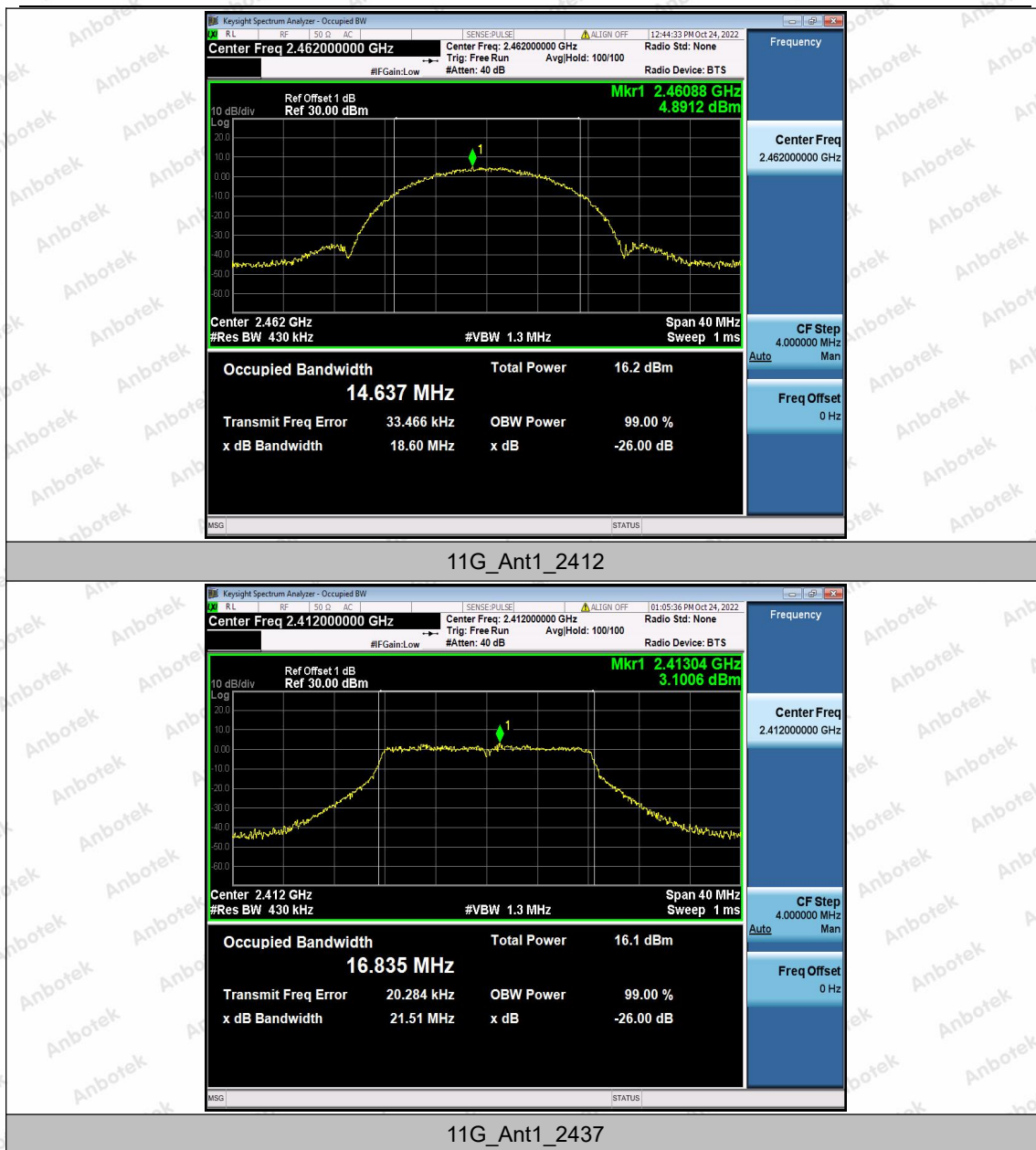
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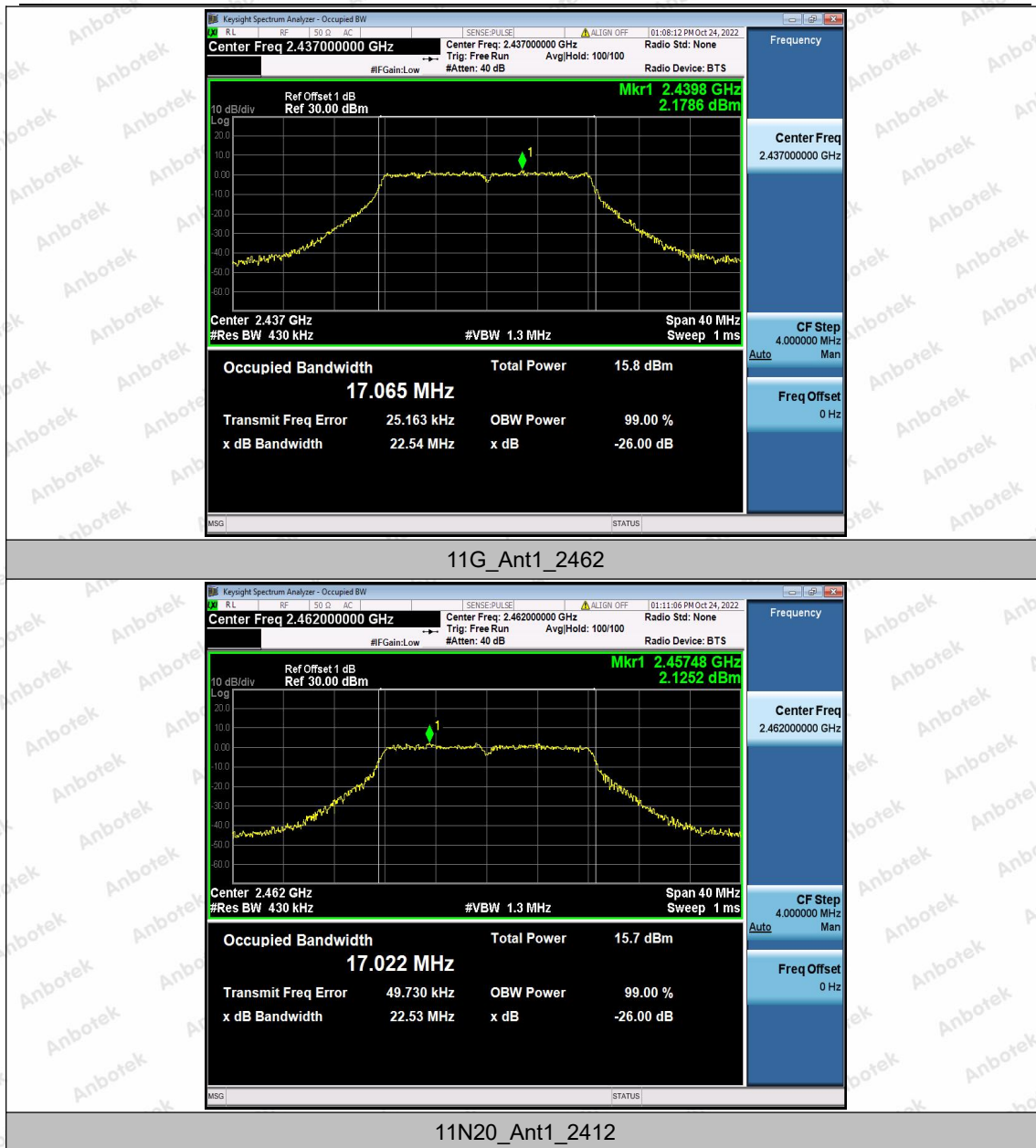
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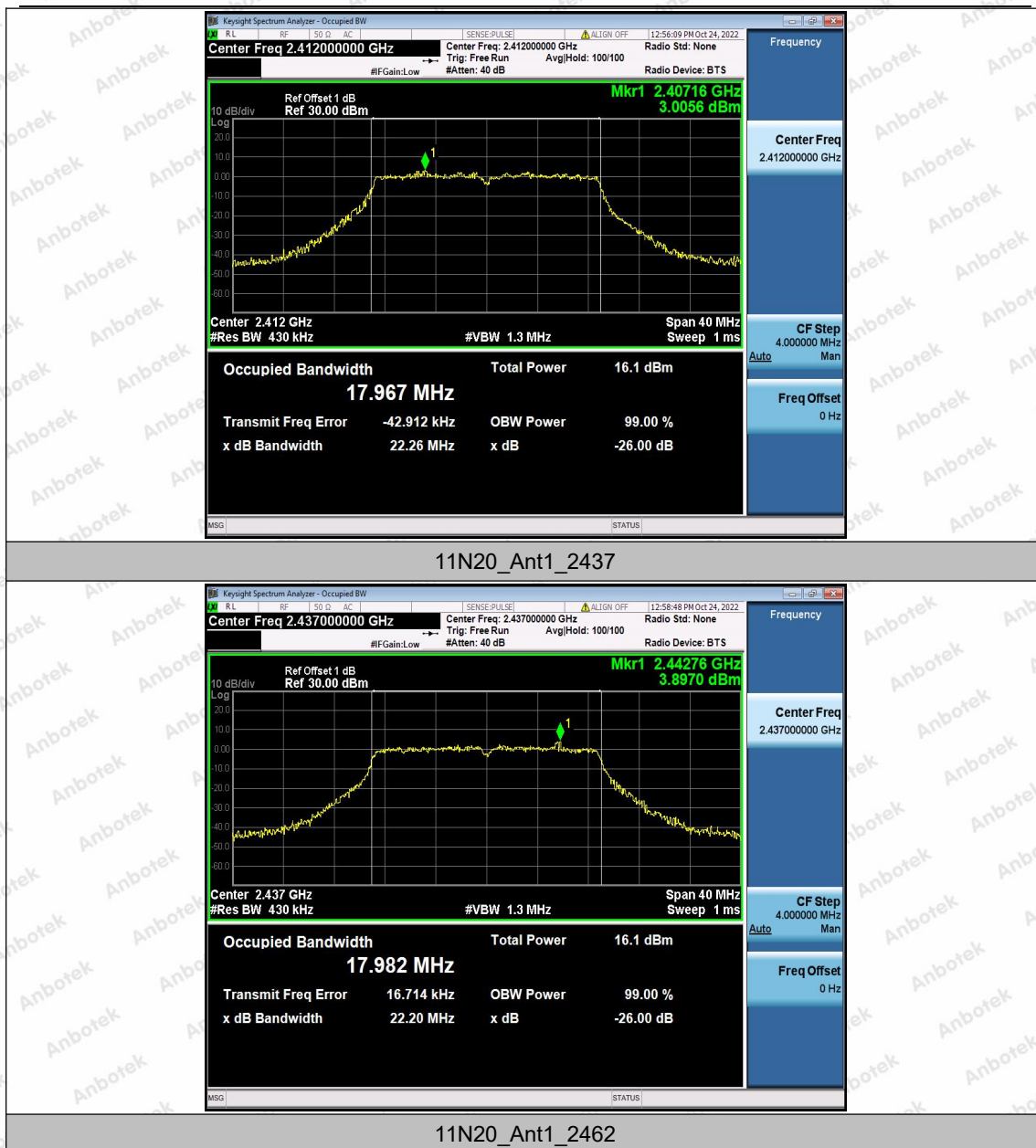
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	16.25	≤30.00
		2437	15.84	≤30.00
		2462	15.70	≤30.00
11G	Ant1	2412	17.05	≤30.00
		2437	16.69	≤30.00
		2462	16.77	≤30.00
11N20	Ant1	2412	17.03	≤30.00
		2437	17.07	≤30.00
		2462	16.77	≤30.00



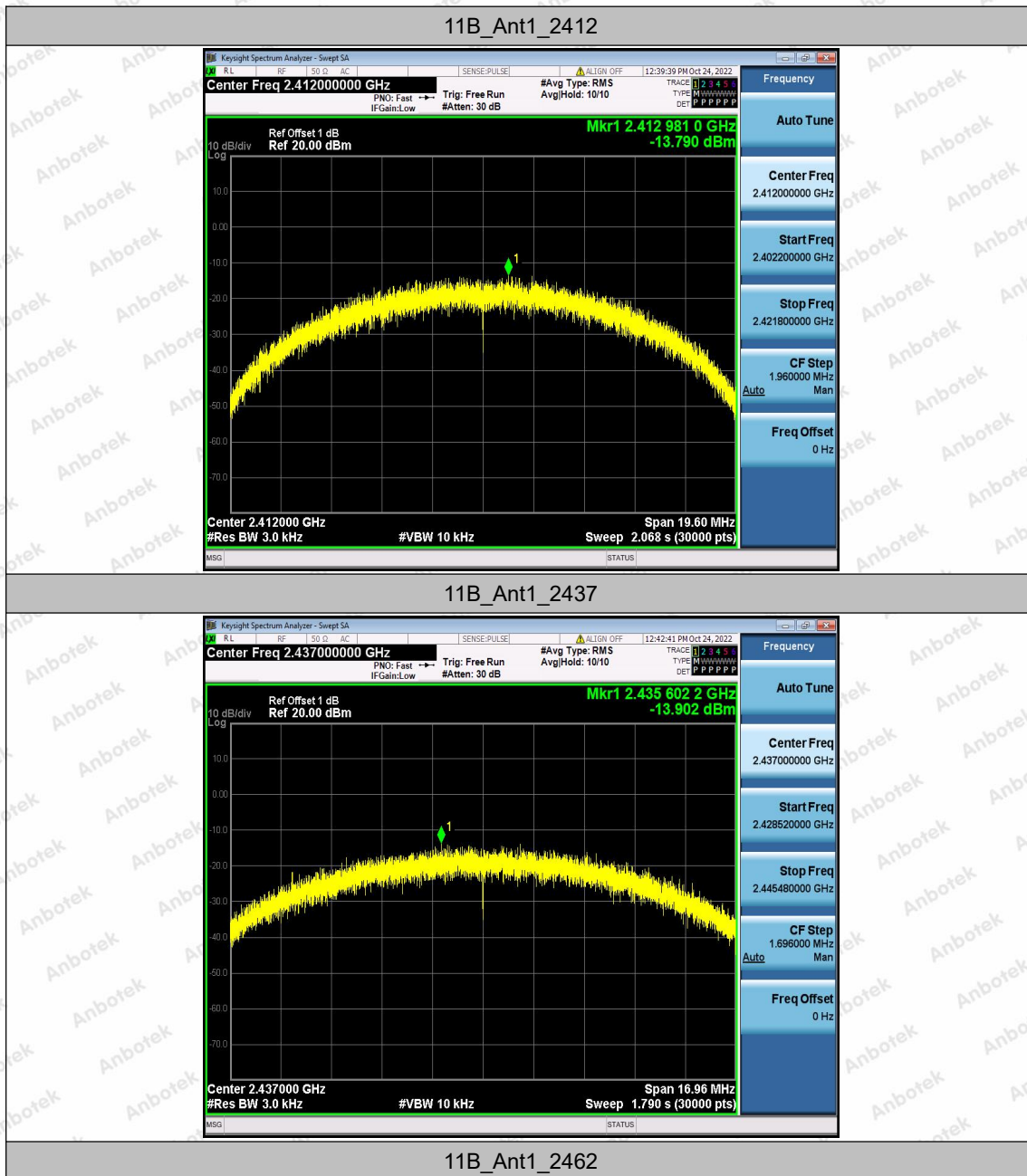
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.79	≤8.00	PASS
		2437	-13.9	≤8.00	PASS
		2462	-13.32	≤8.00	PASS
11G	Ant1	2412	-16.07	≤8.00	PASS
		2437	-16.79	≤8.00	PASS
		2462	-17.05	≤8.00	PASS
11N20	Ant1	2412	-16.4	≤8.00	PASS
		2437	-16.3	≤8.00	PASS
		2462	-16.23	≤8.00	PASS



Test Graphs



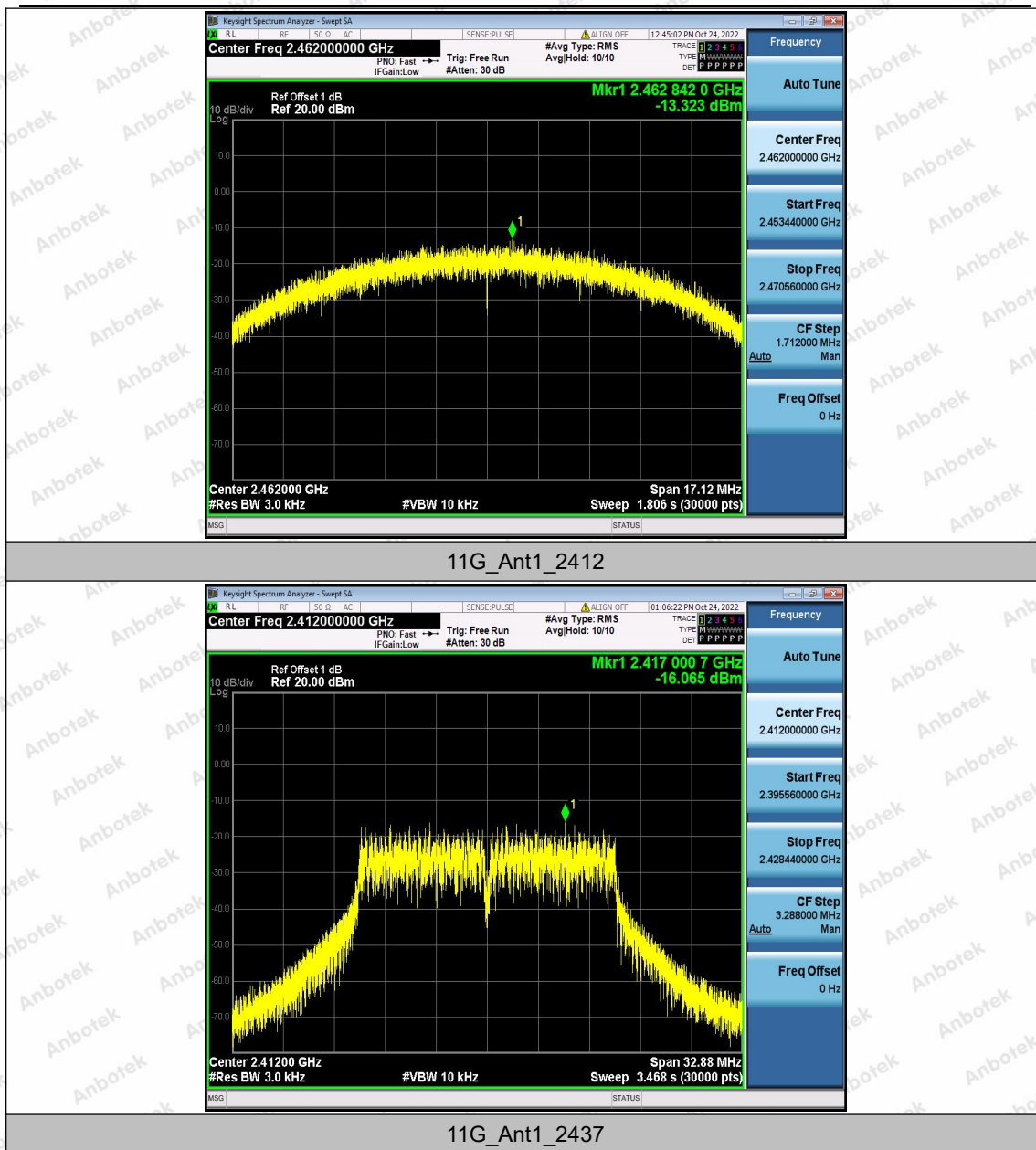
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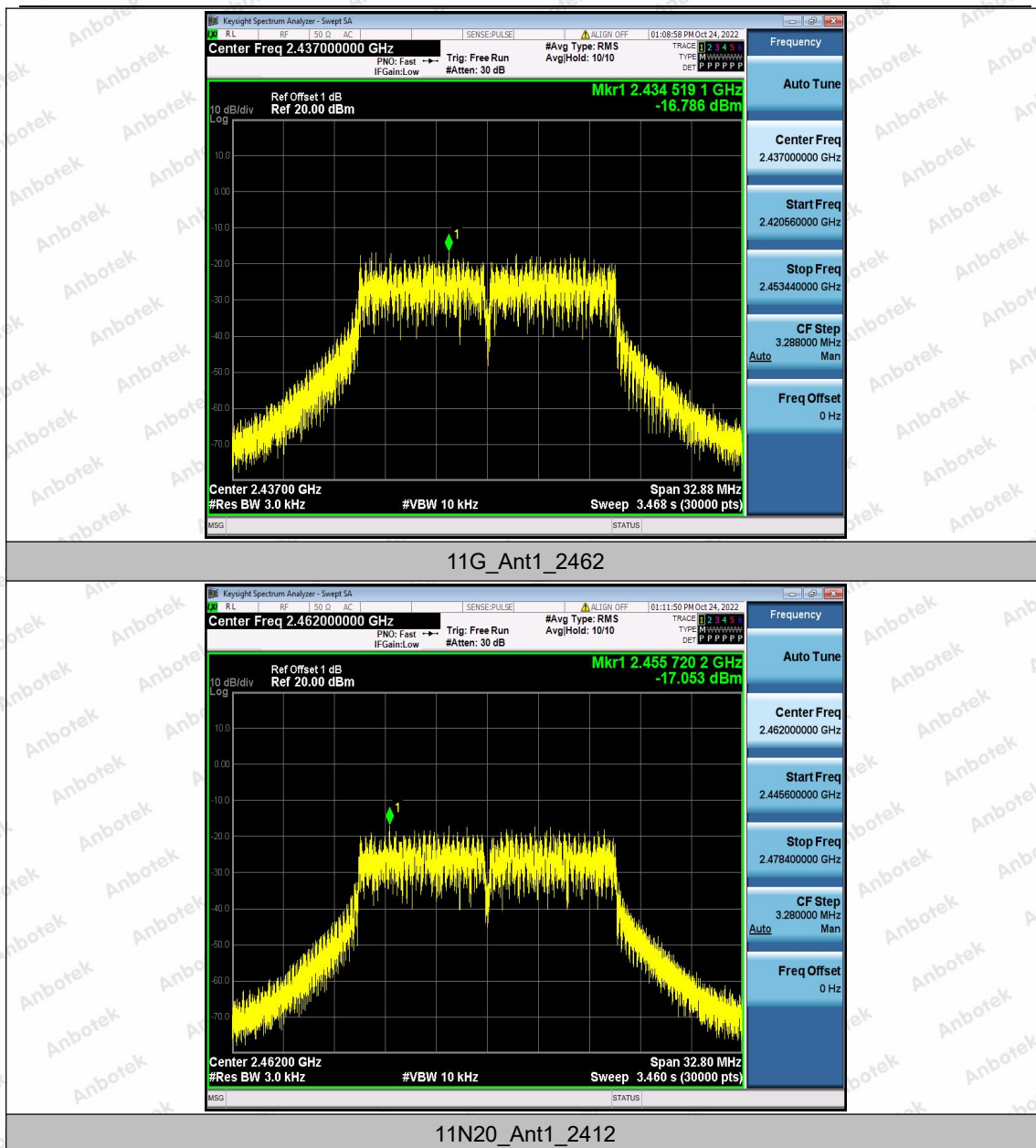
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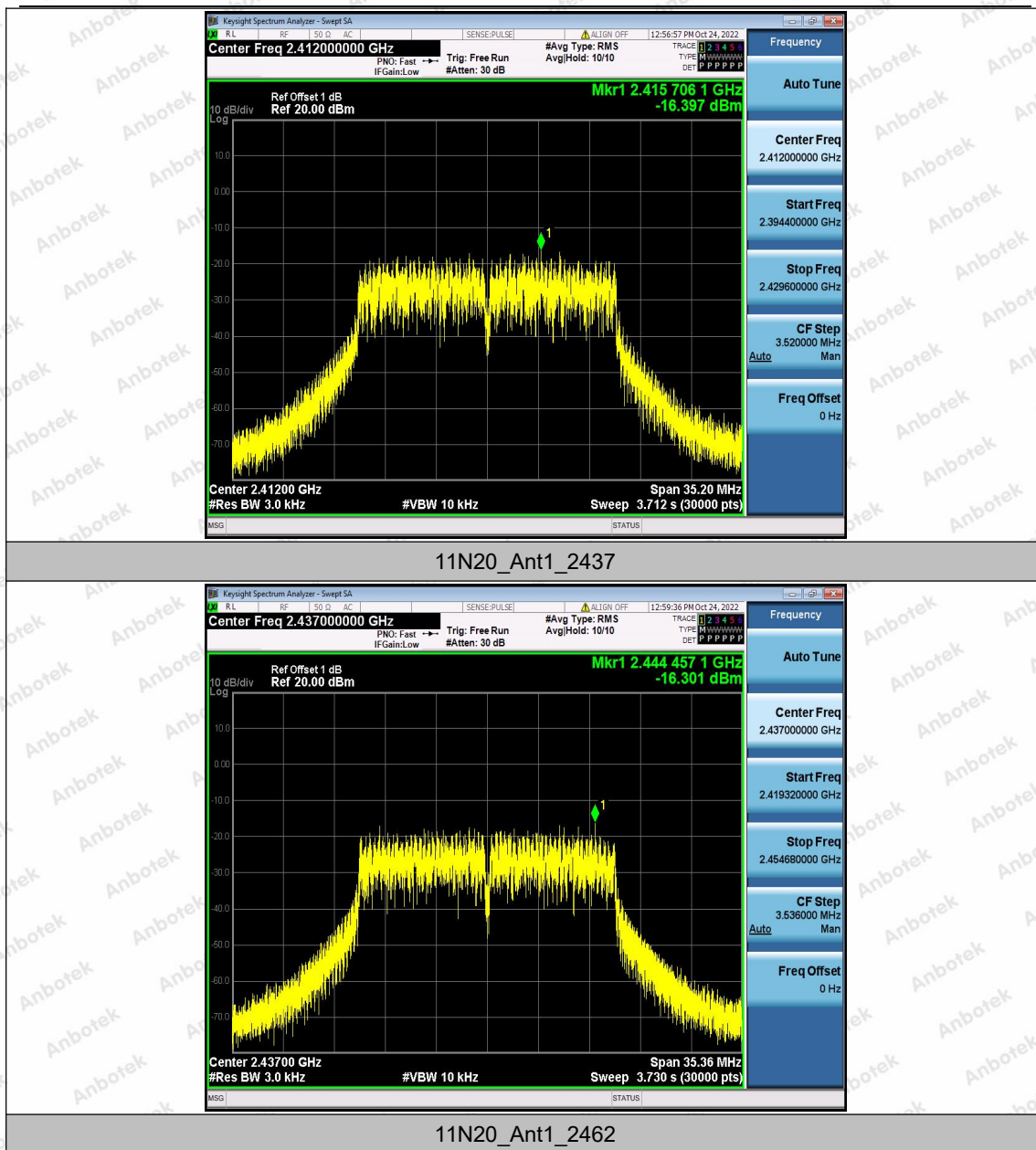
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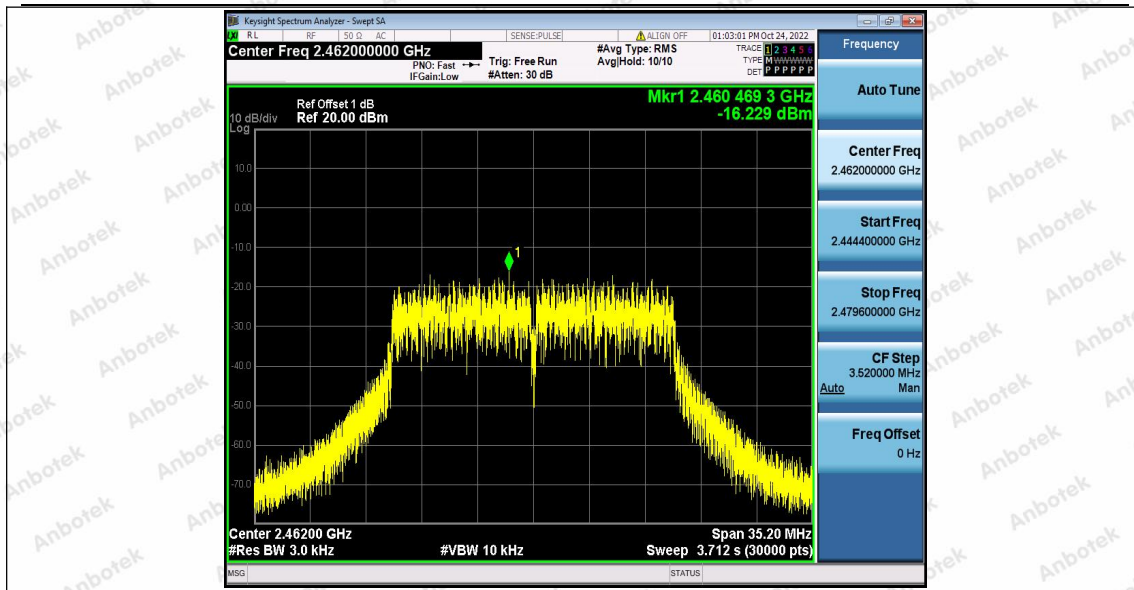
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Appendix E: Band edge measurements

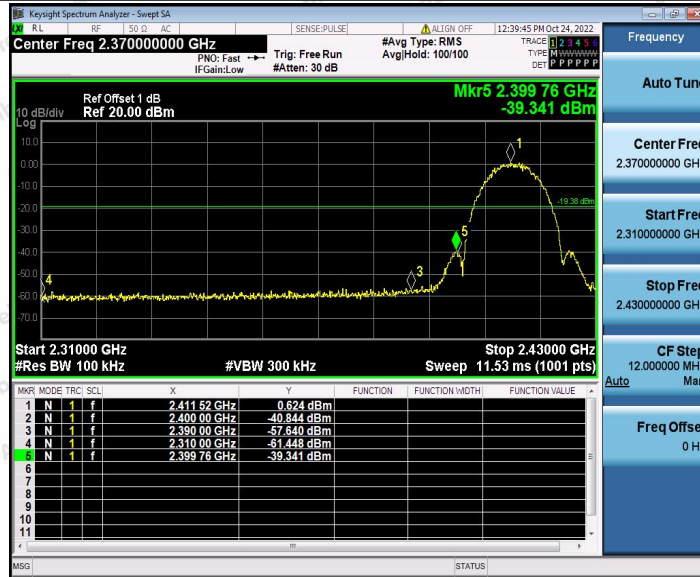
Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	0.62	-39.34	≤-19.38	PASS
		High	2462	1.20	-56.76	≤-18.8	PASS
11G	Ant1	Low	2412	-1.64	-37.25	≤-21.64	PASS
		High	2462	-1.58	-55.44	≤-21.58	PASS
11N20	Ant1	Low	2412	-1.22	-36.44	≤-21.22	PASS
		High	2462	-1.39	-54.92	≤-21.39	PASS

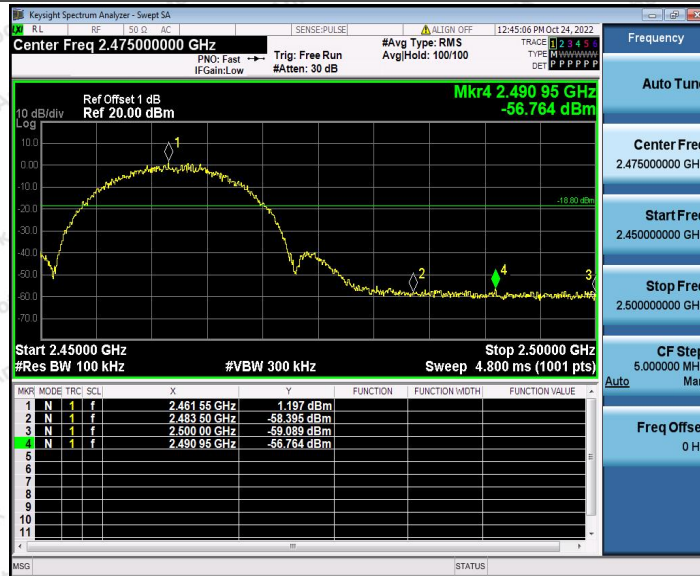


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

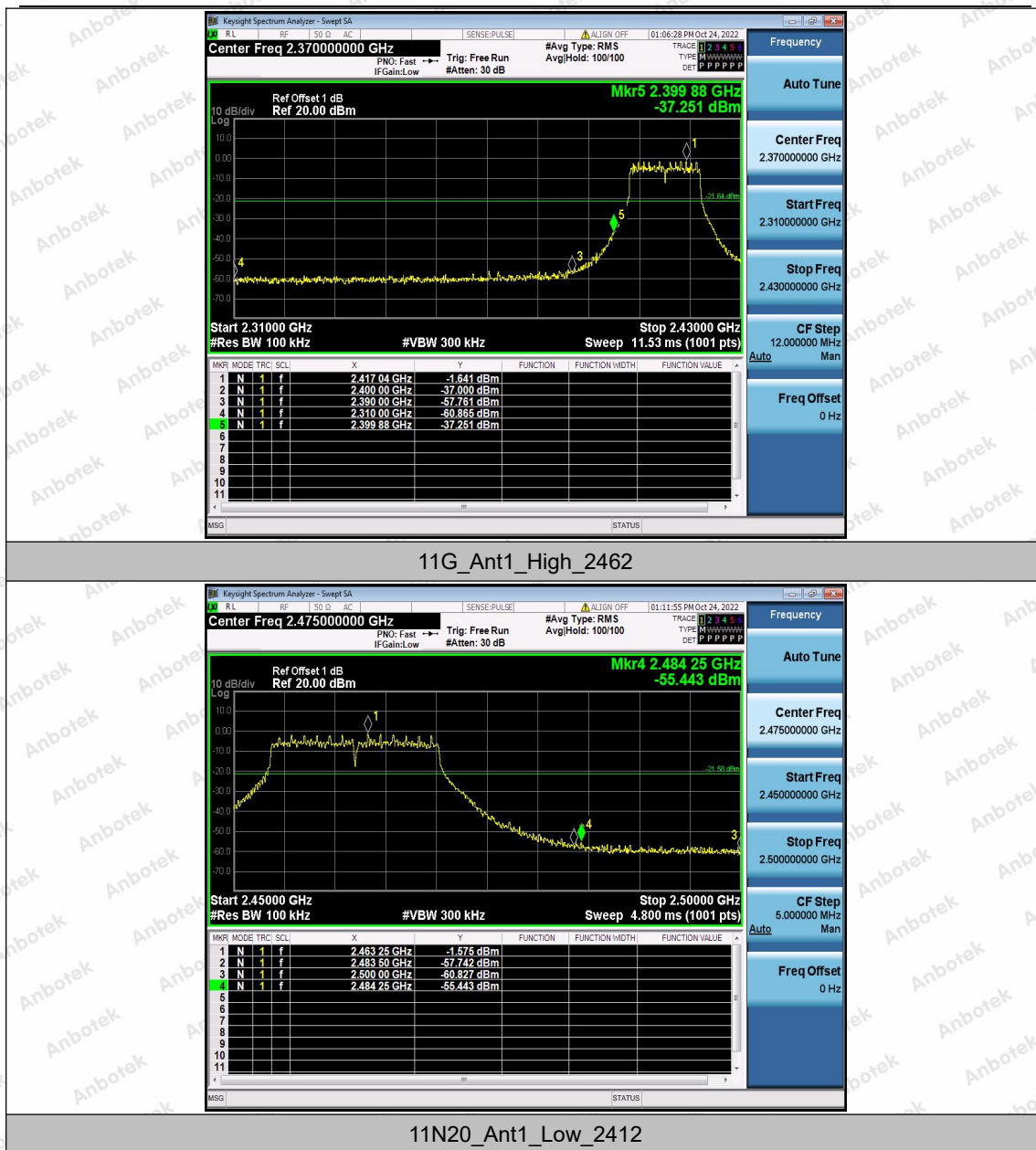
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