

Appendix Test Data

Report No.:	18220WC20247102	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	2407.560	2417.000	≥0.5	PASS
		2437	9.600	2432.160	2441.760	≥0.5	PASS
		2462	10.000	2457.240	2467.240	≥0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	≥0.5	PASS
		2437	16.400	2428.760	2445.160	≥0.5	PASS
		2462	16.440	2453.760	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.480	2403.280	2420.760	≥0.5	PASS
		2437	17.480	2428.200	2445.680	≥0.5	PASS
		2462	17.560	2453.280	2470.840	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

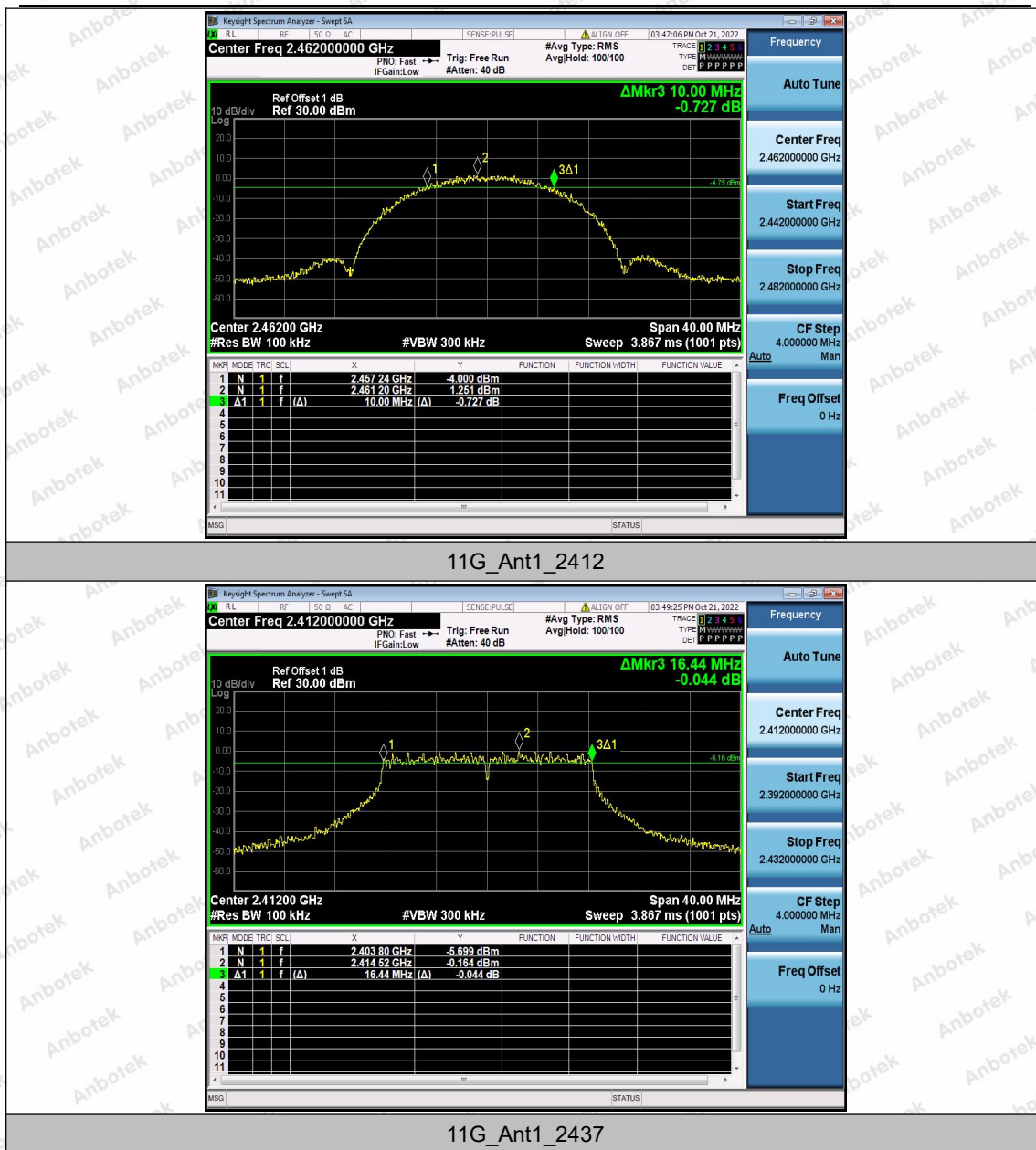
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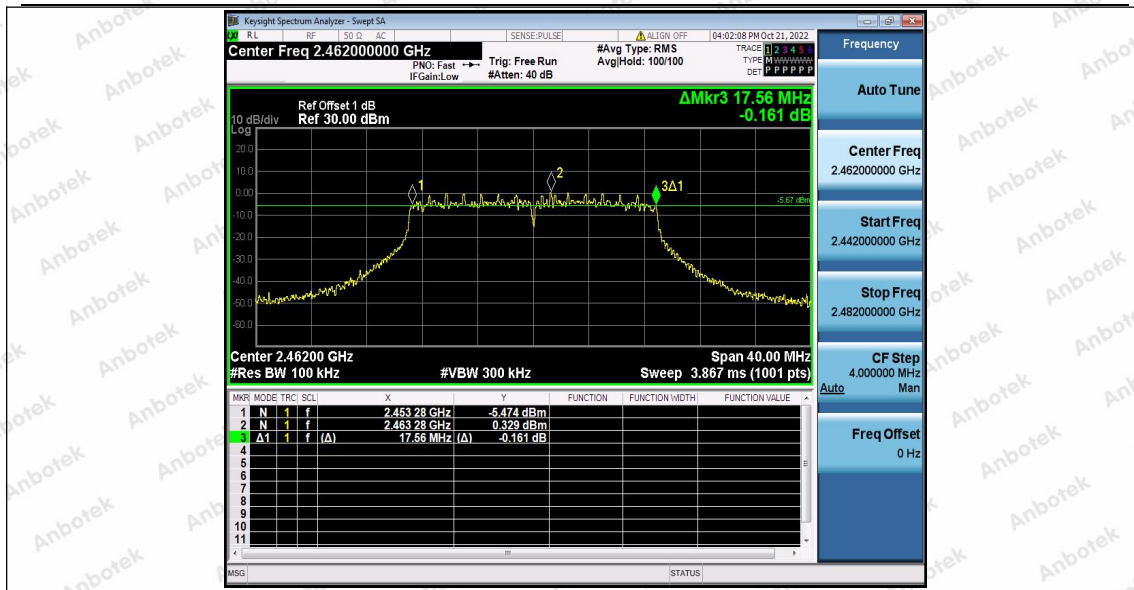
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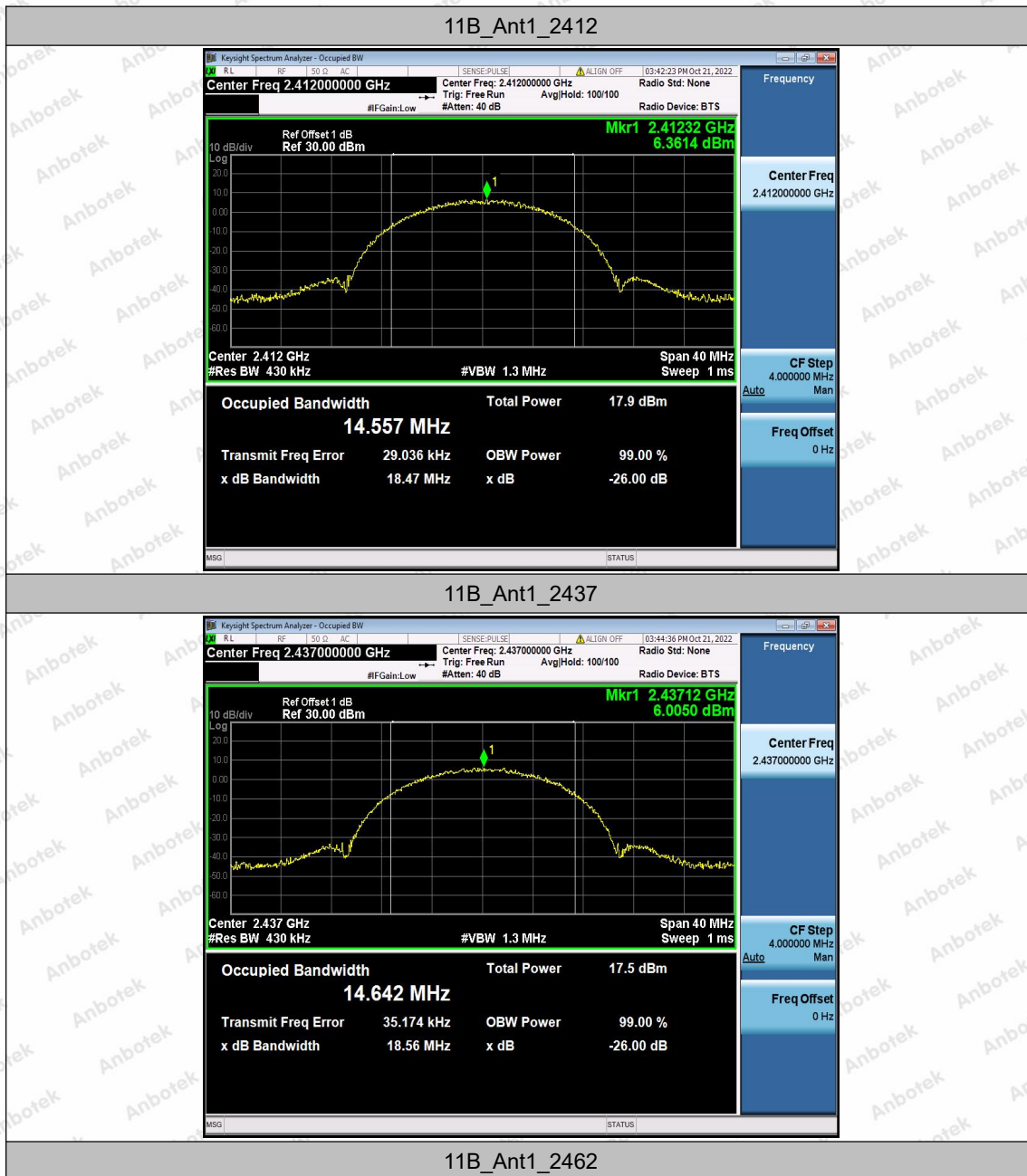
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.557	2404.7505	2419.3075
		2437	14.642	2429.7142	2444.3562
		2462	14.632	2454.6911	2469.3231
11G	Ant1	2412	16.954	2403.5298	2420.4838
		2437	16.960	2428.4584	2445.4184
		2462	16.913	2453.5567	2470.4697
11N20	Ant1	2412	17.897	2403.0536	2420.9506
		2437	17.914	2428.0952	2446.0092
		2462	17.918	2453.0857	2471.0037



Test Graphs



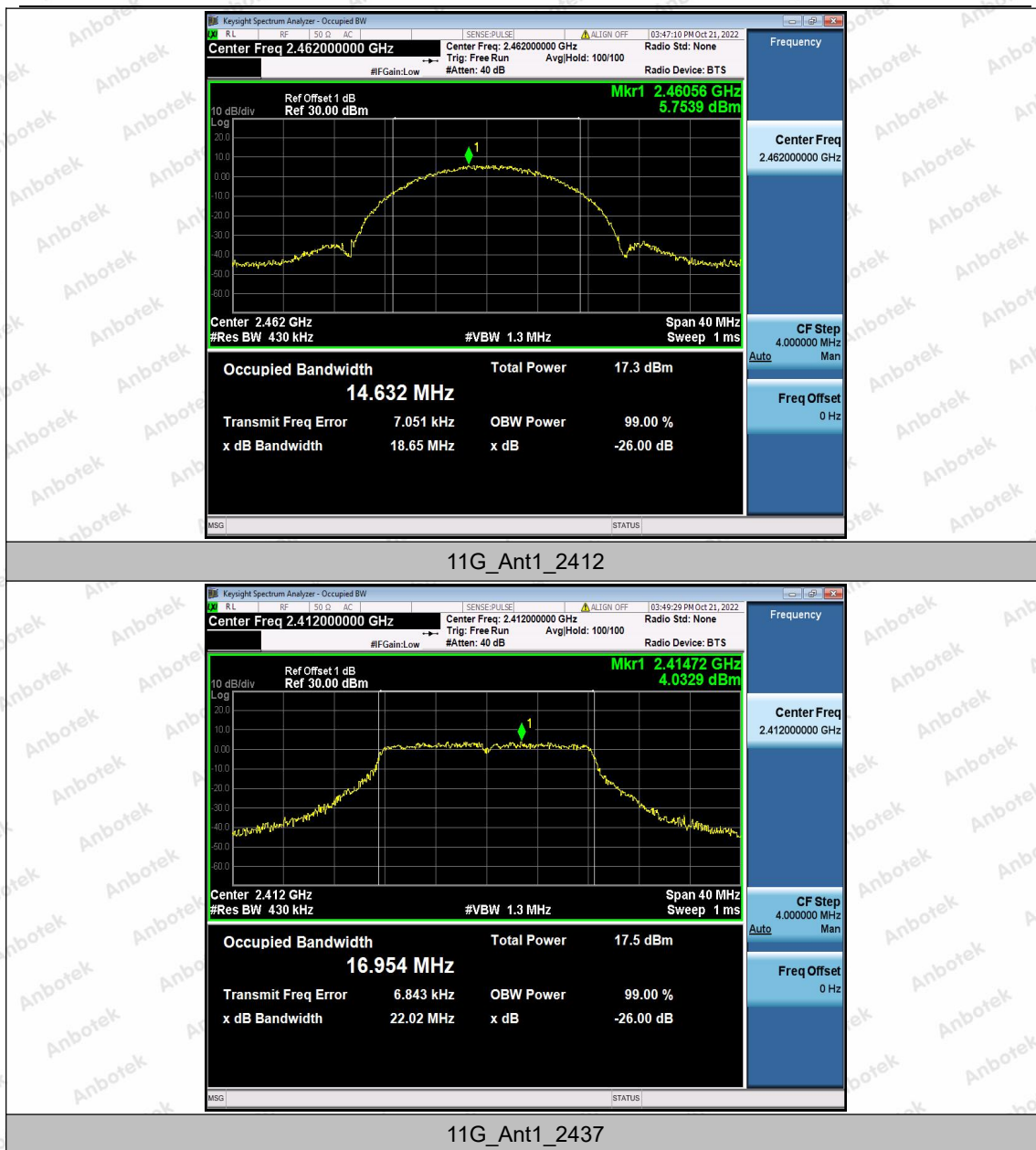
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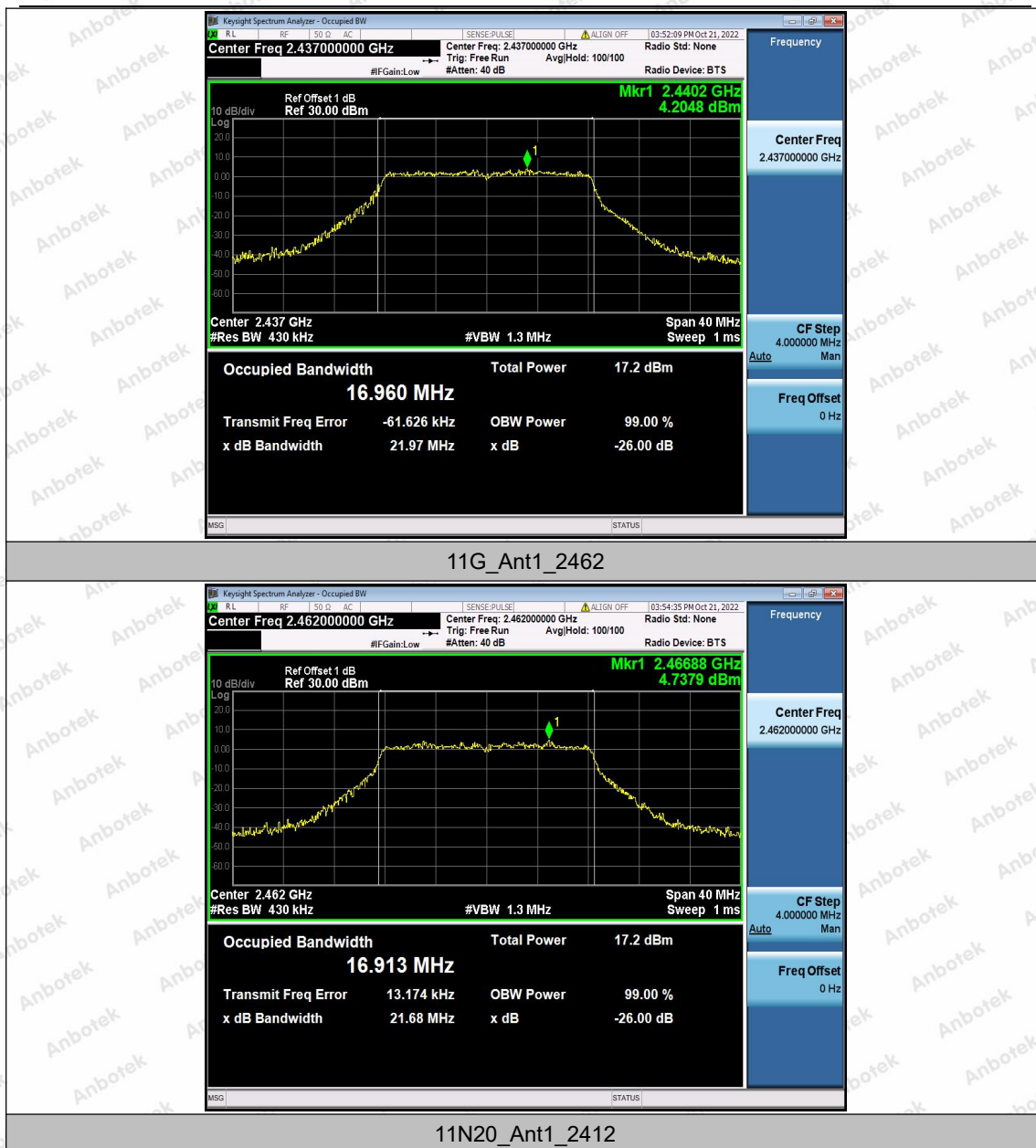
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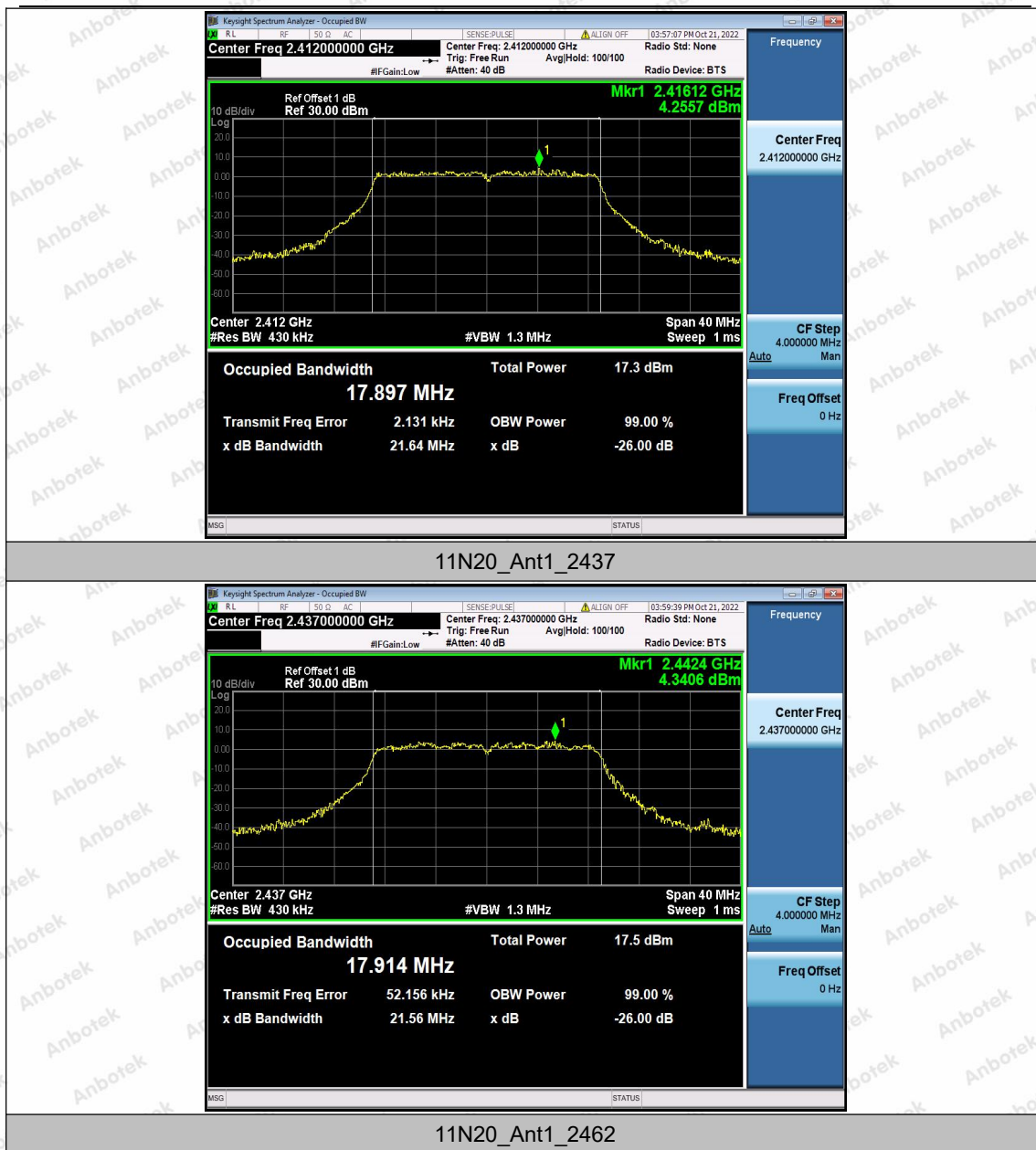
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	17.44	≤30.00
		2437	17.03	≤30.00
		2462	16.91	≤30.00
11G	Ant1	2412	18.30	≤30.00
		2437	18.02	≤30.00
		2462	18.14	≤30.00
11N20	Ant1	2412	18.40	≤30.00
		2437	18.24	≤30.00
		2462	18.19	≤30.00



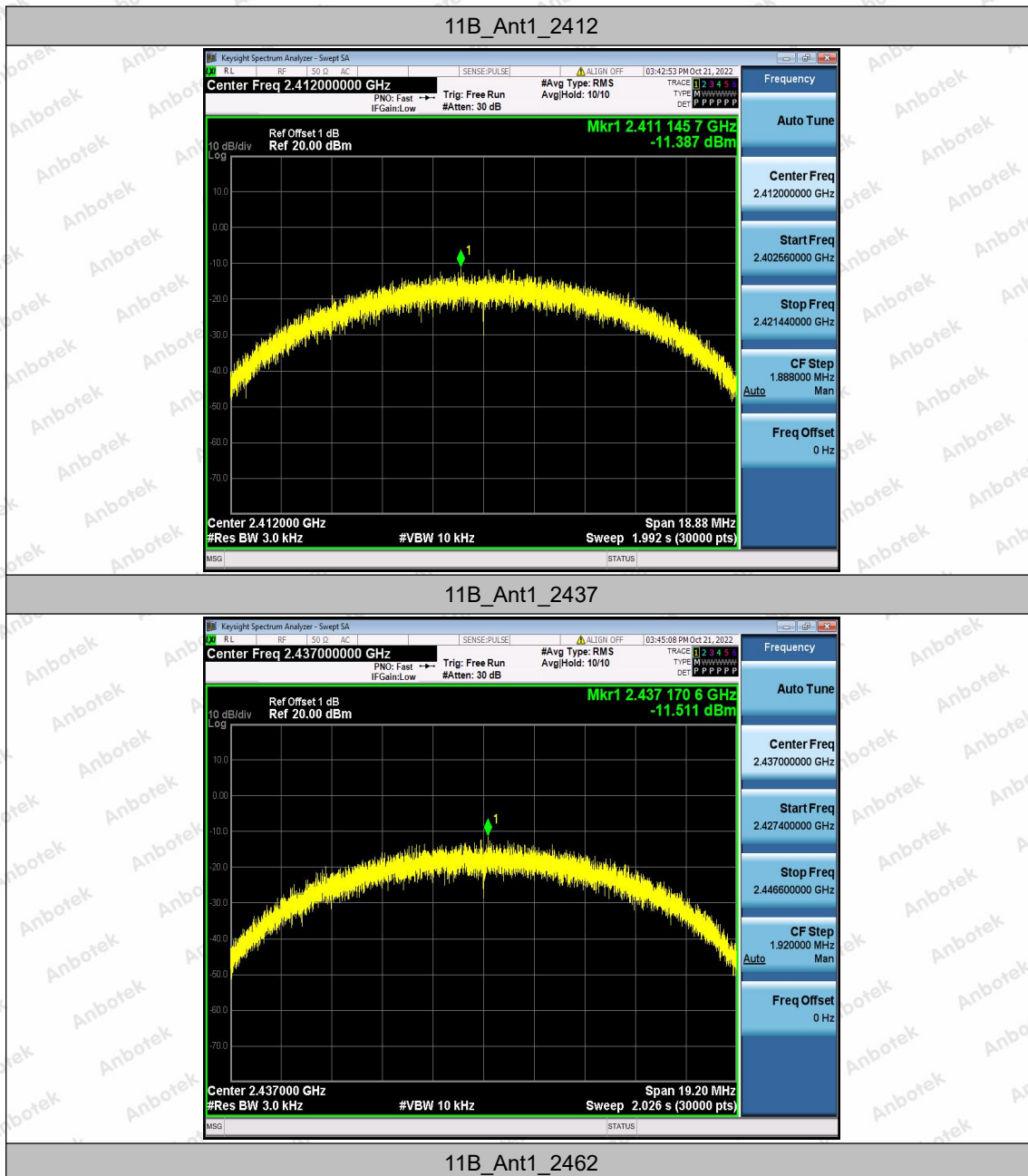
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.39	≤8.00	PASS
		2437	-11.51	≤8.00	PASS
		2462	-11.97	≤8.00	PASS
11G	Ant1	2412	-14.31	≤8.00	PASS
		2437	-15.01	≤8.00	PASS
		2462	-14.39	≤8.00	PASS
11N20	Ant1	2412	-15.47	≤8.00	PASS
		2437	-15.05	≤8.00	PASS
		2462	-14.26	≤8.00	PASS



Test Graphs



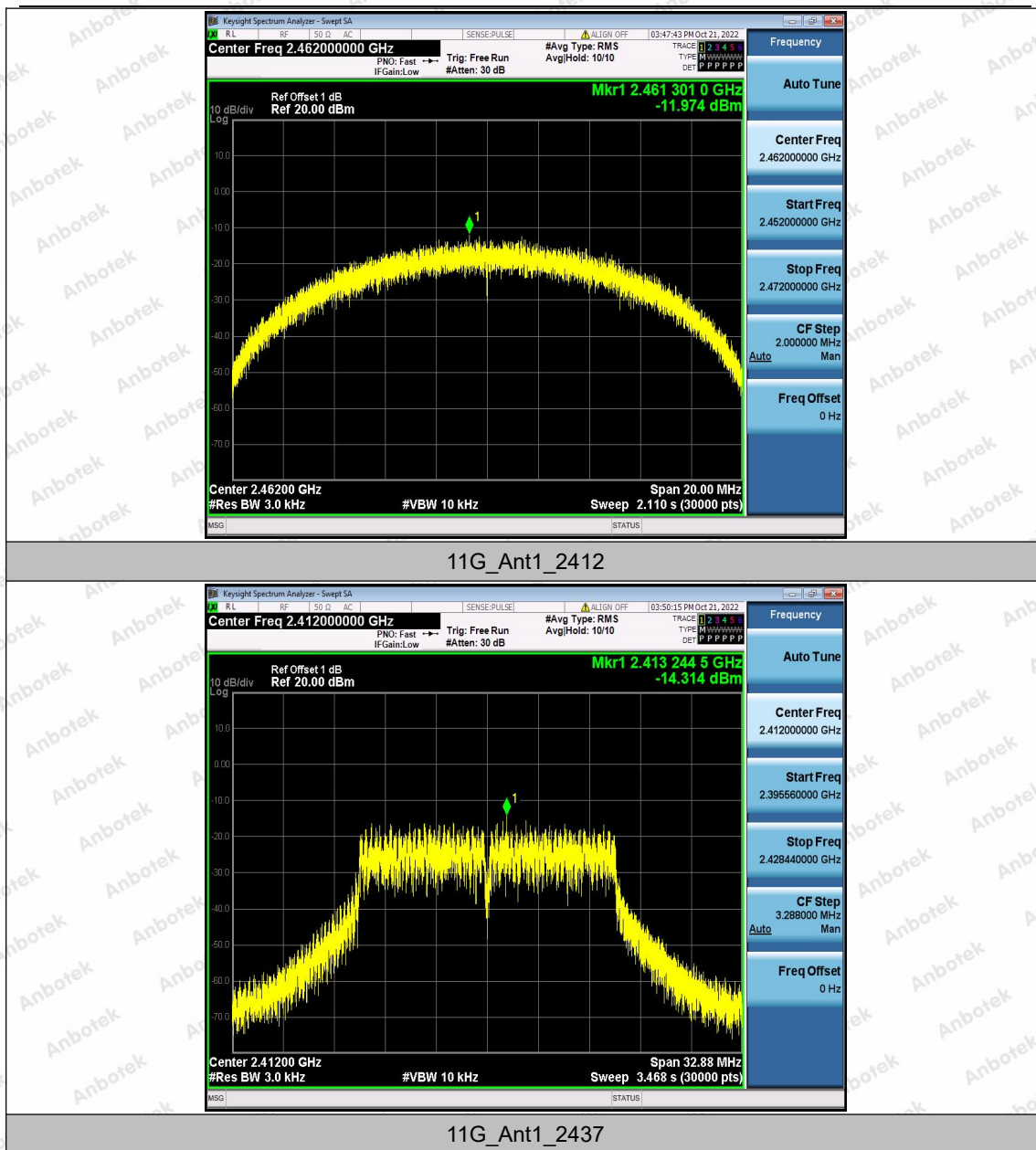
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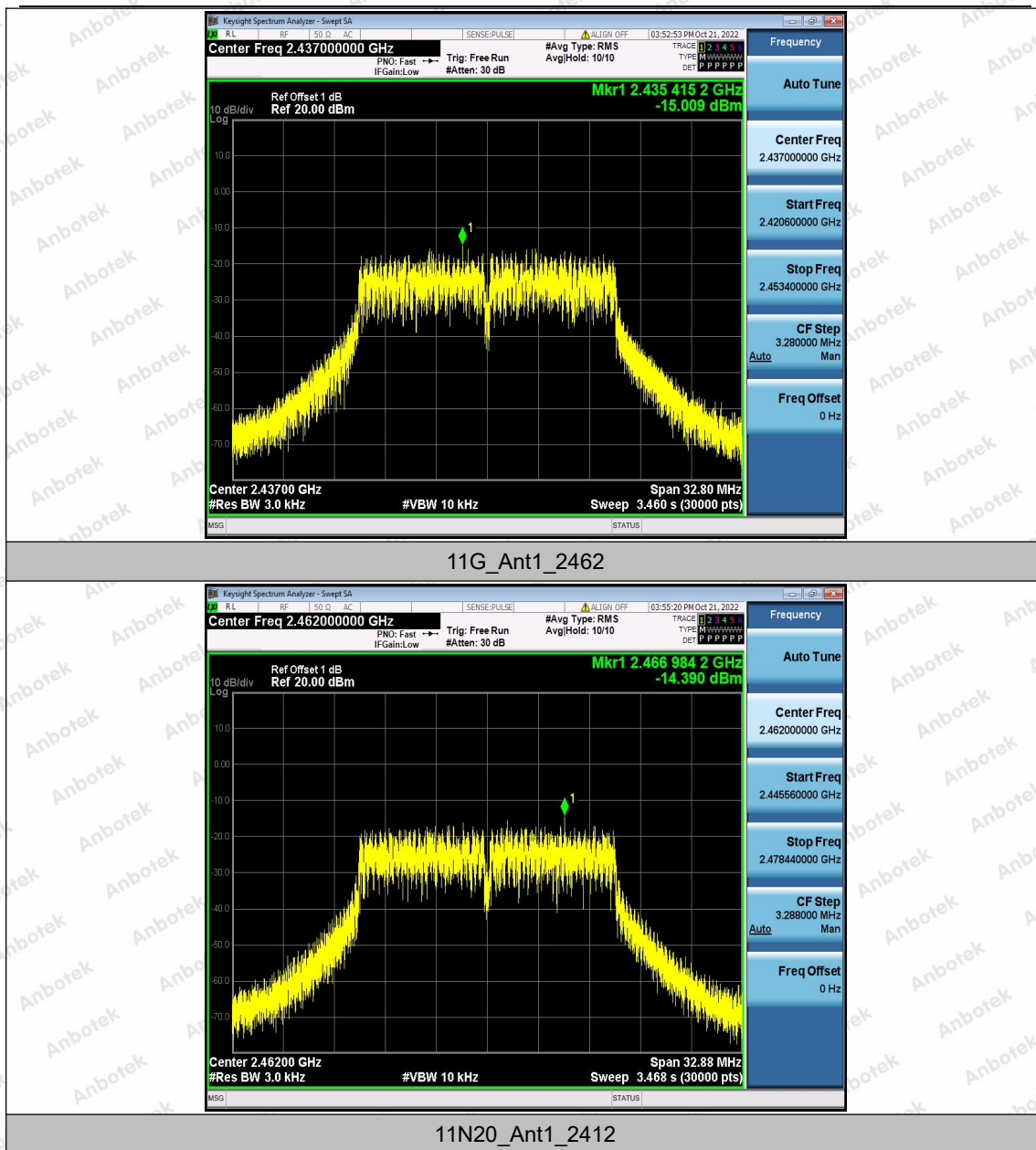


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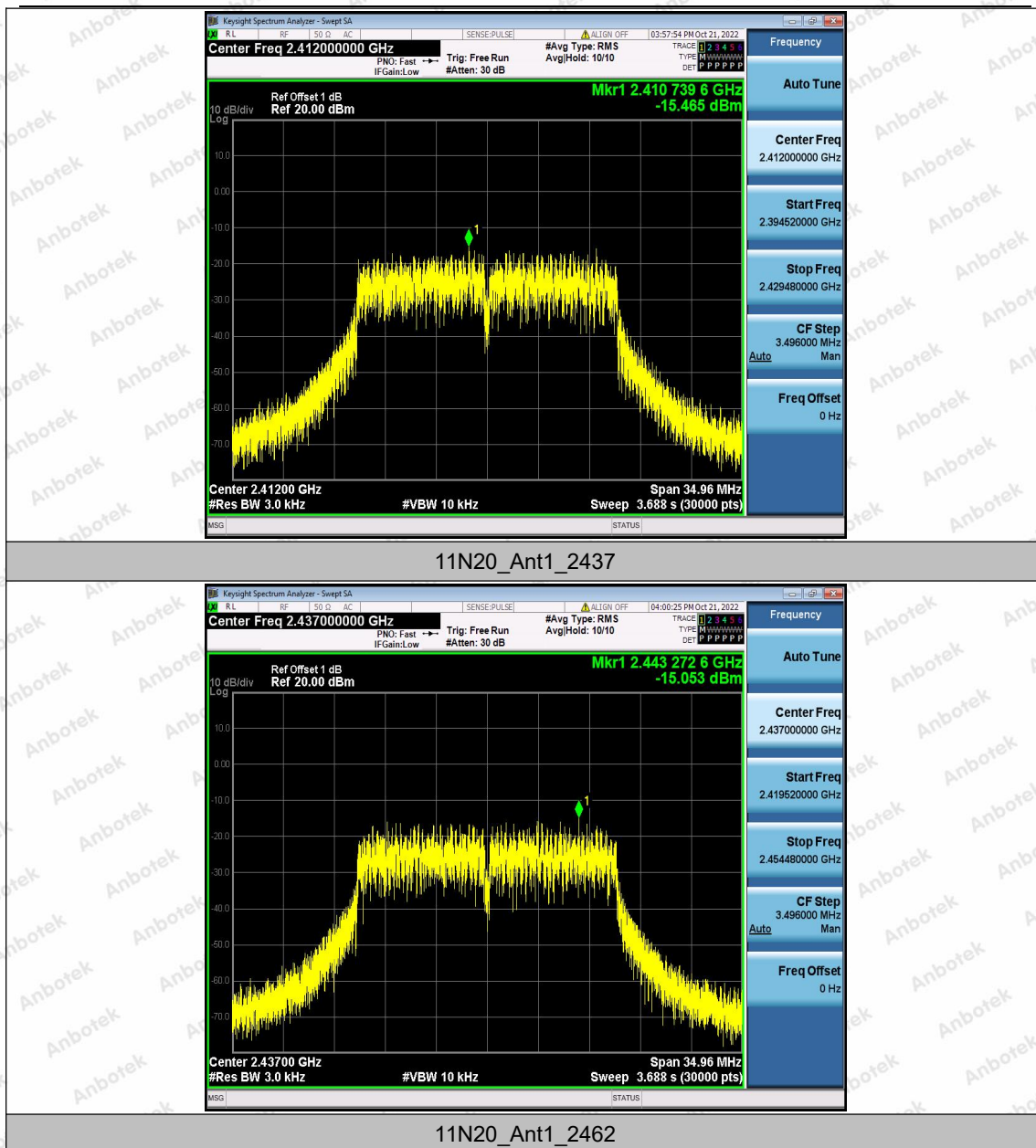
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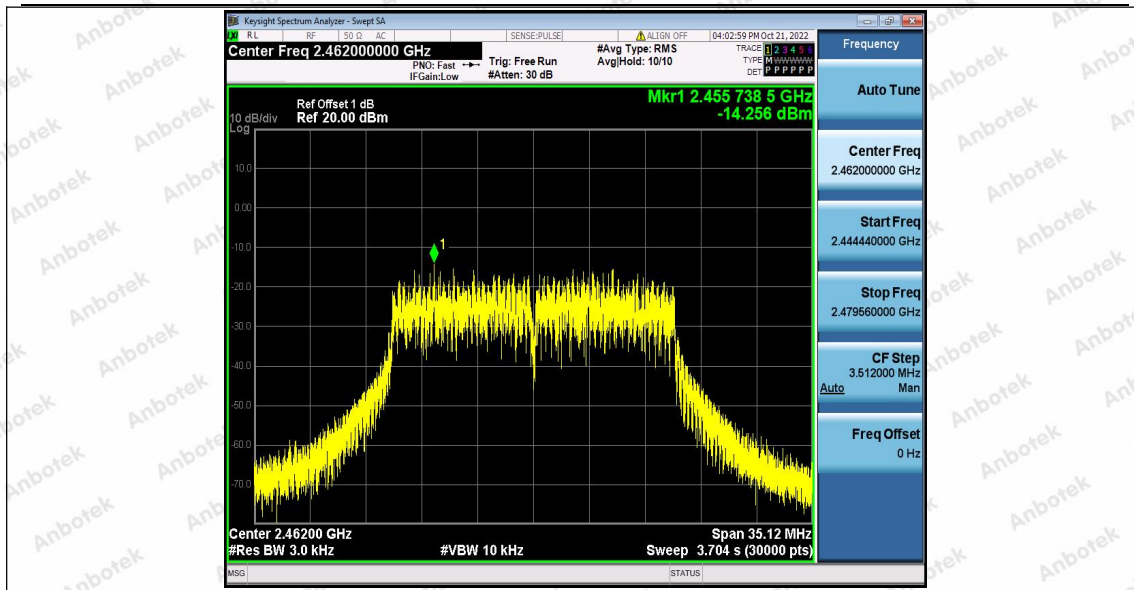
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	2.62	-38.73	≤-17.38	PASS
		High	2462	2.54	-55.42	≤-17.46	PASS
11G	Ant1	Low	2412	0.14	-36.64	≤-19.86	PASS
		High	2462	-0.10	-53.81	≤-20.1	PASS
11N20	Ant1	Low	2412	-0.34	-35.41	≤-20.34	PASS
		High	2462	0.09	-52.74	≤-19.91	PASS

