

Appendix Test Data

Report No.:	18220WC20088901	Test Sample No.:	1-2-2
Start Test Date:	2022.4.24	Finish Test Date:	2022.4.27
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	23.5℃	Relative Humidity:	54 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.160	2407.440	2416.600	≥0.5	PASS
		2437	9.160	2432.400	2441.560	≥0.5	PASS
		2462	9.160	2457.400	2466.560	≥0.5	PASS
11G	Ant1	2412	13.960	2405.640	2419.600	≥0.5	PASS
		2437	16.160	2429.040	2445.200	≥0.5	PASS
		2462	13.960	2455.640	2469.600	≥0.5	PASS
11N20	Ant1	2412	17.360	2403.440	2420.800	≥0.5	PASS
		2437	16.120	2429.440	2445.560	≥0.5	PASS
		2462	15.120	2454.480	2469.600	≥0.5	PASS

Test Graphs



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11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462



11N20_Ant1_2412



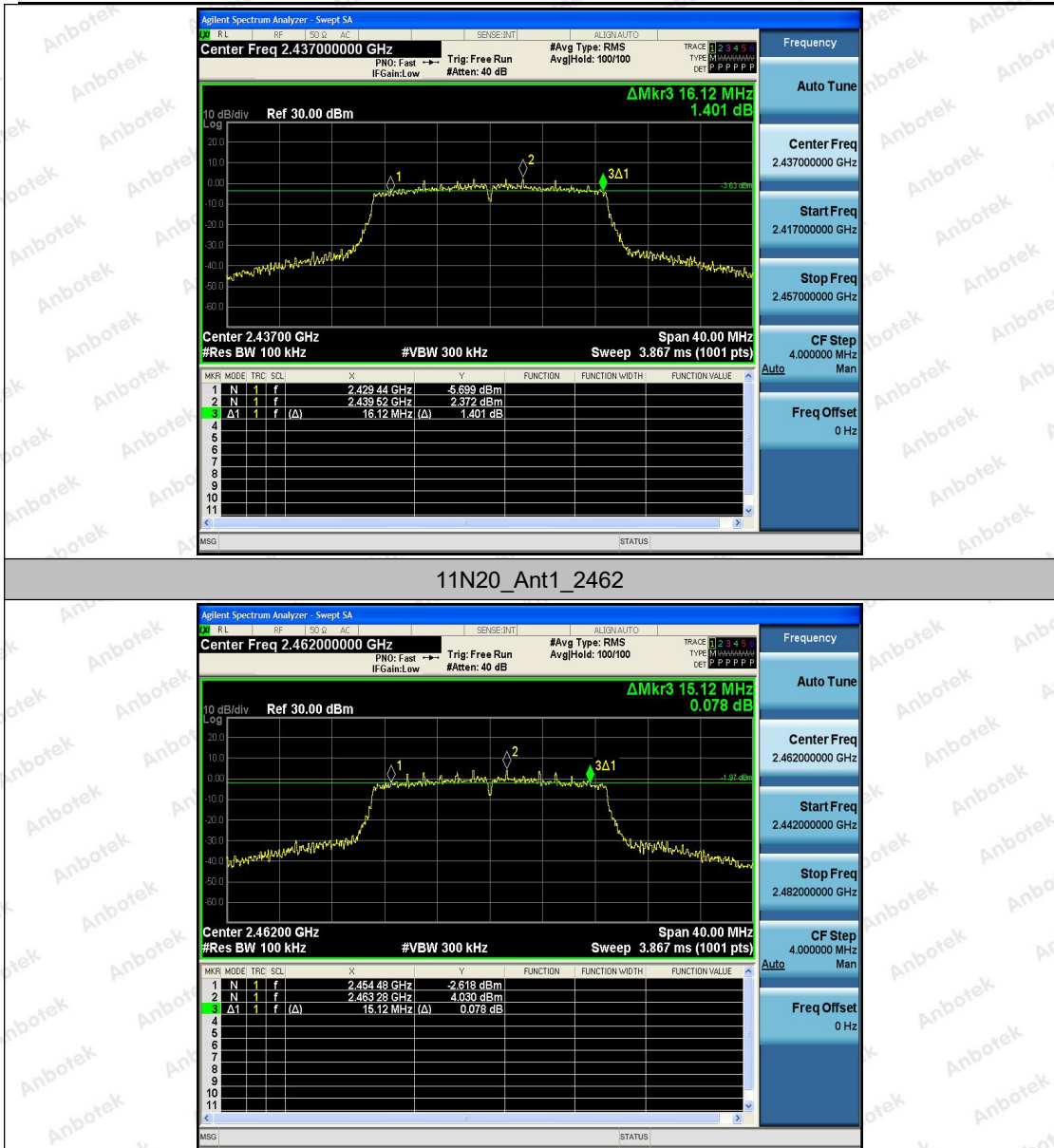
11N20_Ant1_2437

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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.583	2405.785	2418.368	---	PASS
		2437	12.475	2430.840	2443.315	---	PASS
		2462	12.573	2455.726	2468.299	---	PASS
11G	Ant1	2412	16.817	2403.651	2420.468	---	PASS
		2437	16.814	2428.641	2445.455	---	PASS
		2462	16.861	2453.559	2470.420	---	PASS
11N20	Ant1	2412	17.788	2403.158	2420.946	---	PASS
		2437	17.770	2428.142	2445.912	---	PASS
		2462	17.768	2453.134	2470.902	---	PASS

Test Graphs

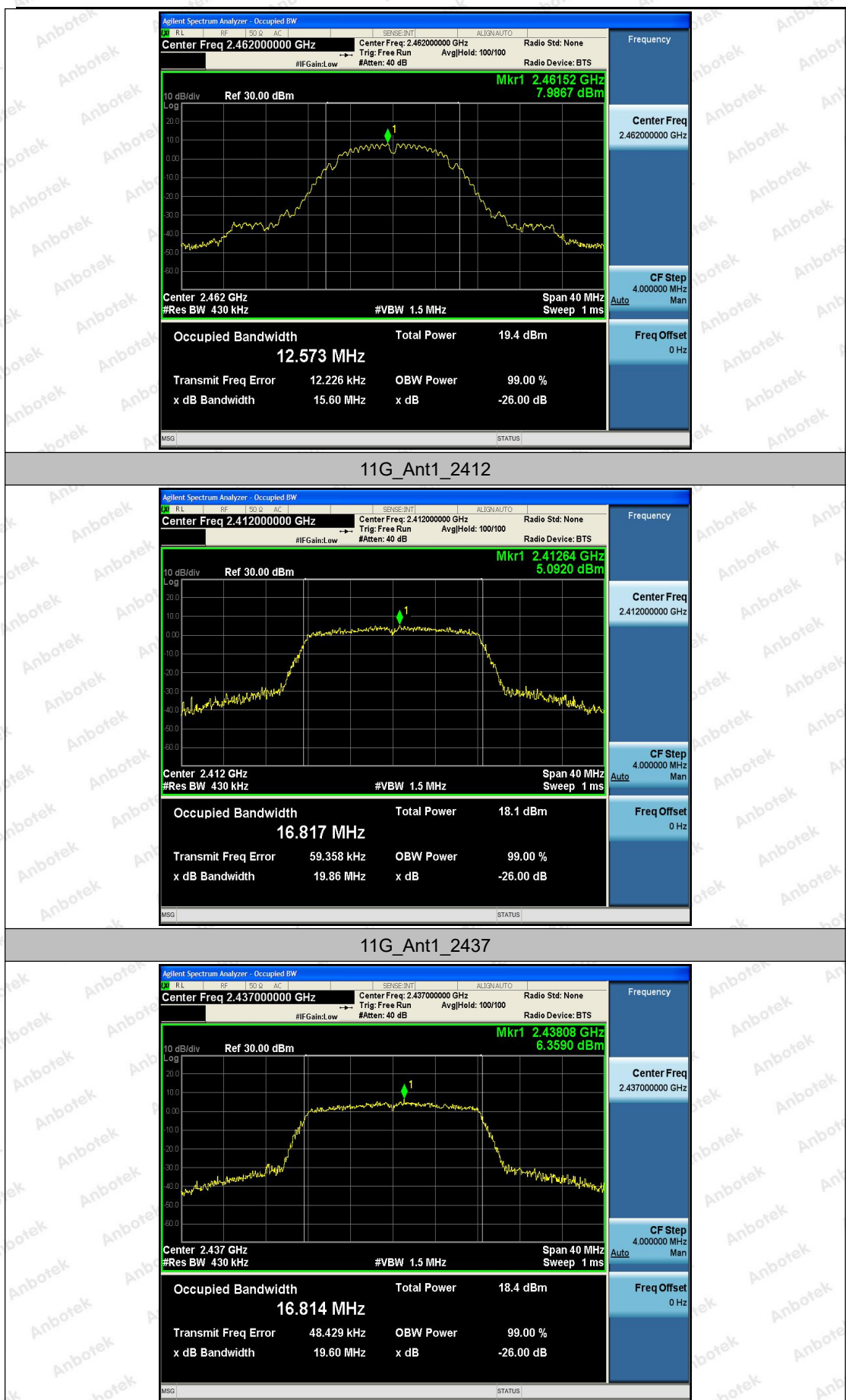


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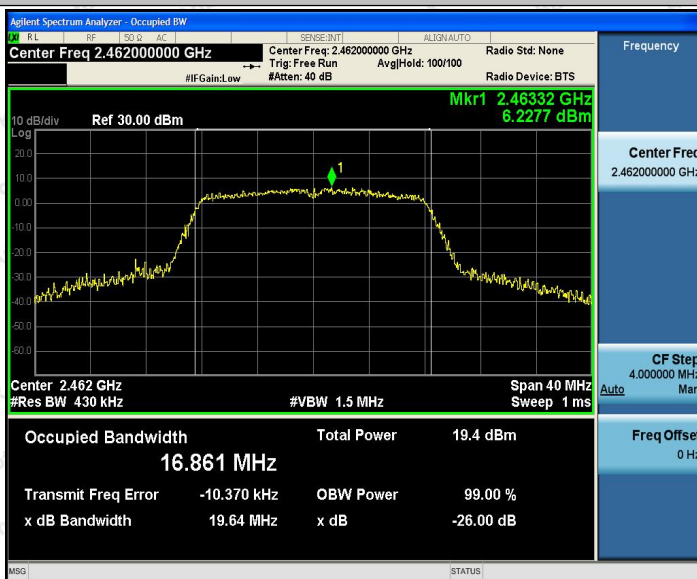
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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

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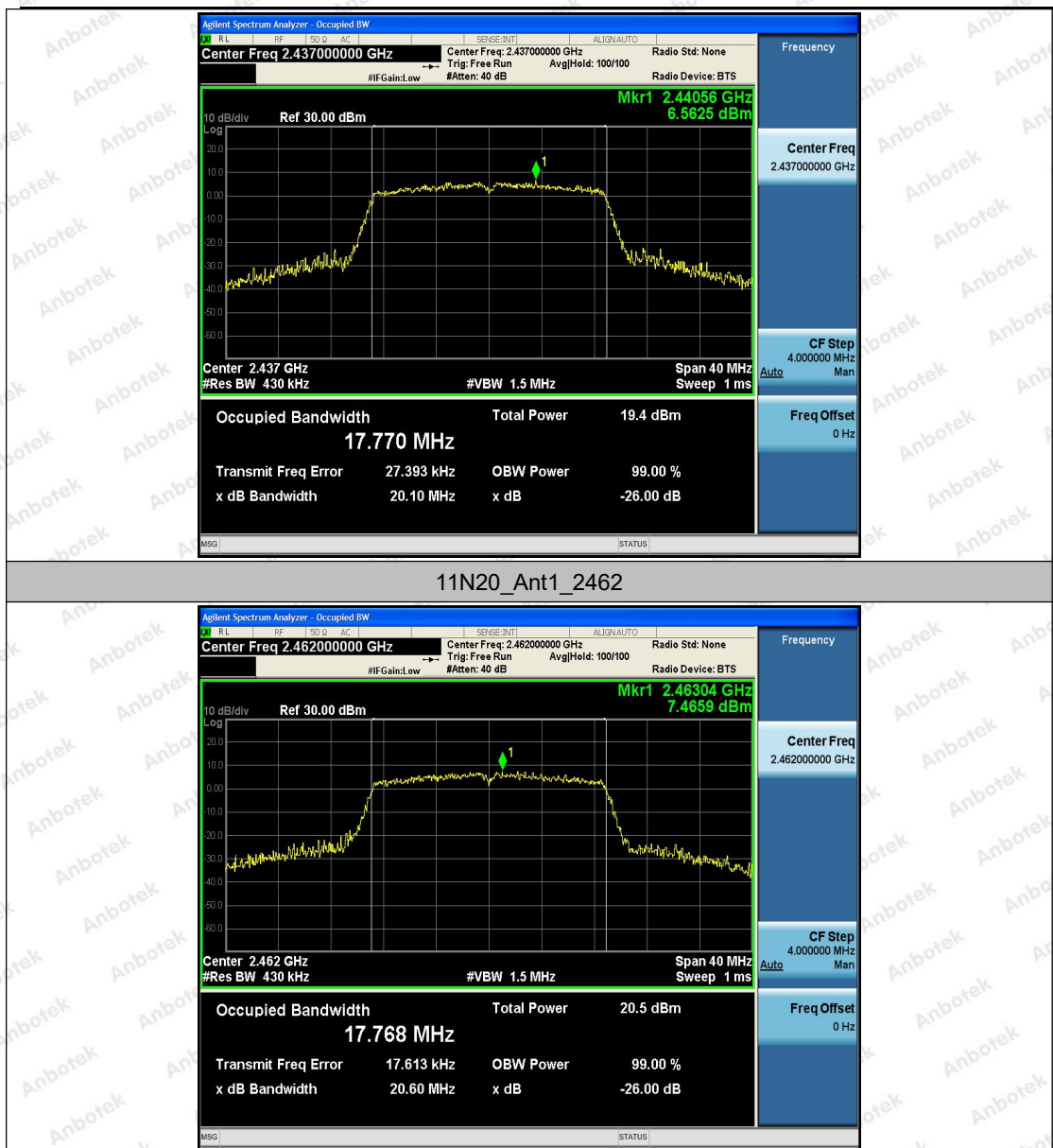
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Appendix C: Maximum conducted output power

Test Result

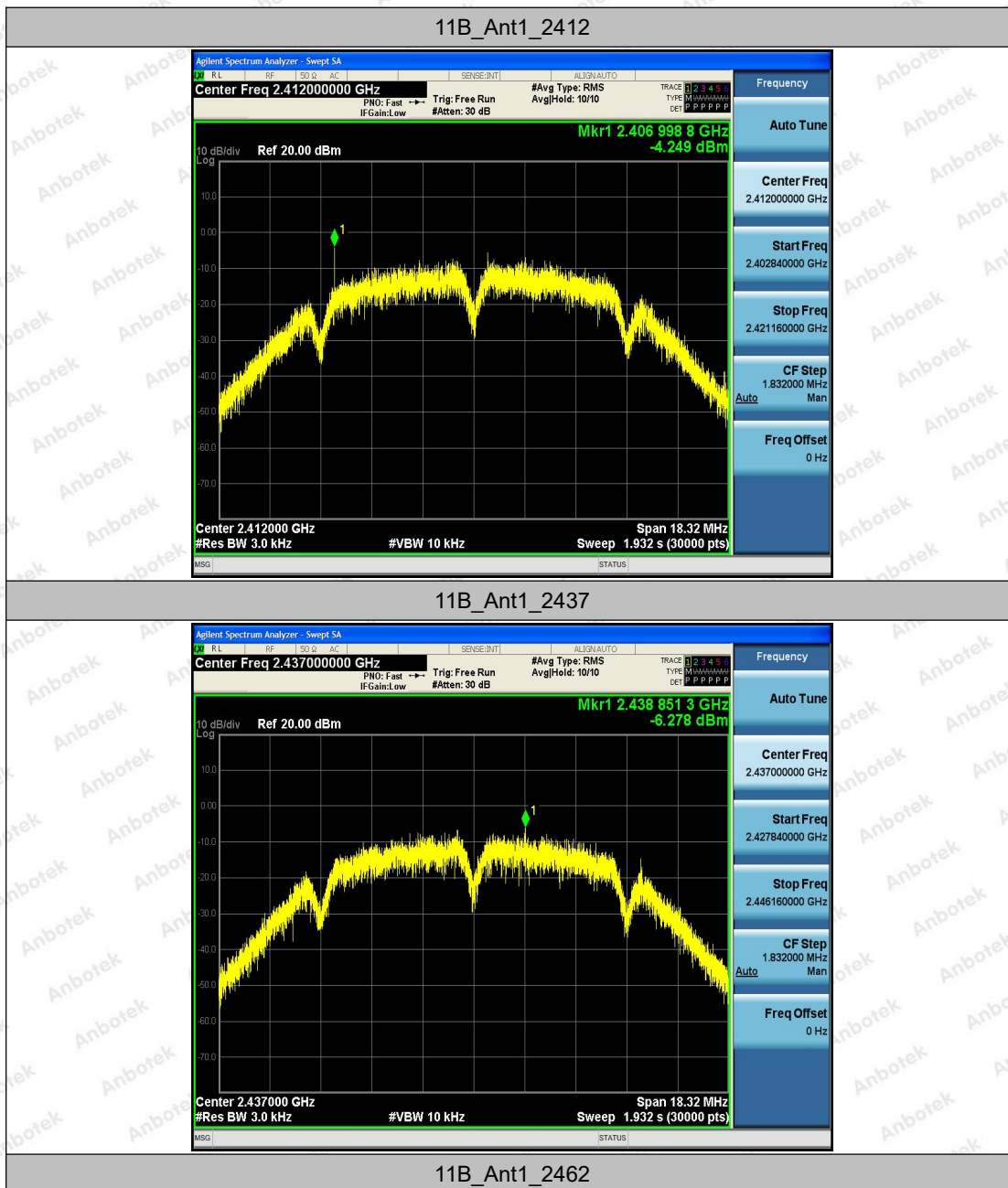
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	19.23	≤30	PASS
		2437	19.37	≤30	PASS
		2462	19.37	≤30	PASS
11G	Ant1	2412	19.15	≤30	PASS
		2437	19.54	≤30	PASS
		2462	21.28	≤30	PASS
11N20	Ant1	2412	19.38	≤30	PASS
		2437	20.56	≤30	PASS
		2462	22.10	≤30	PASS

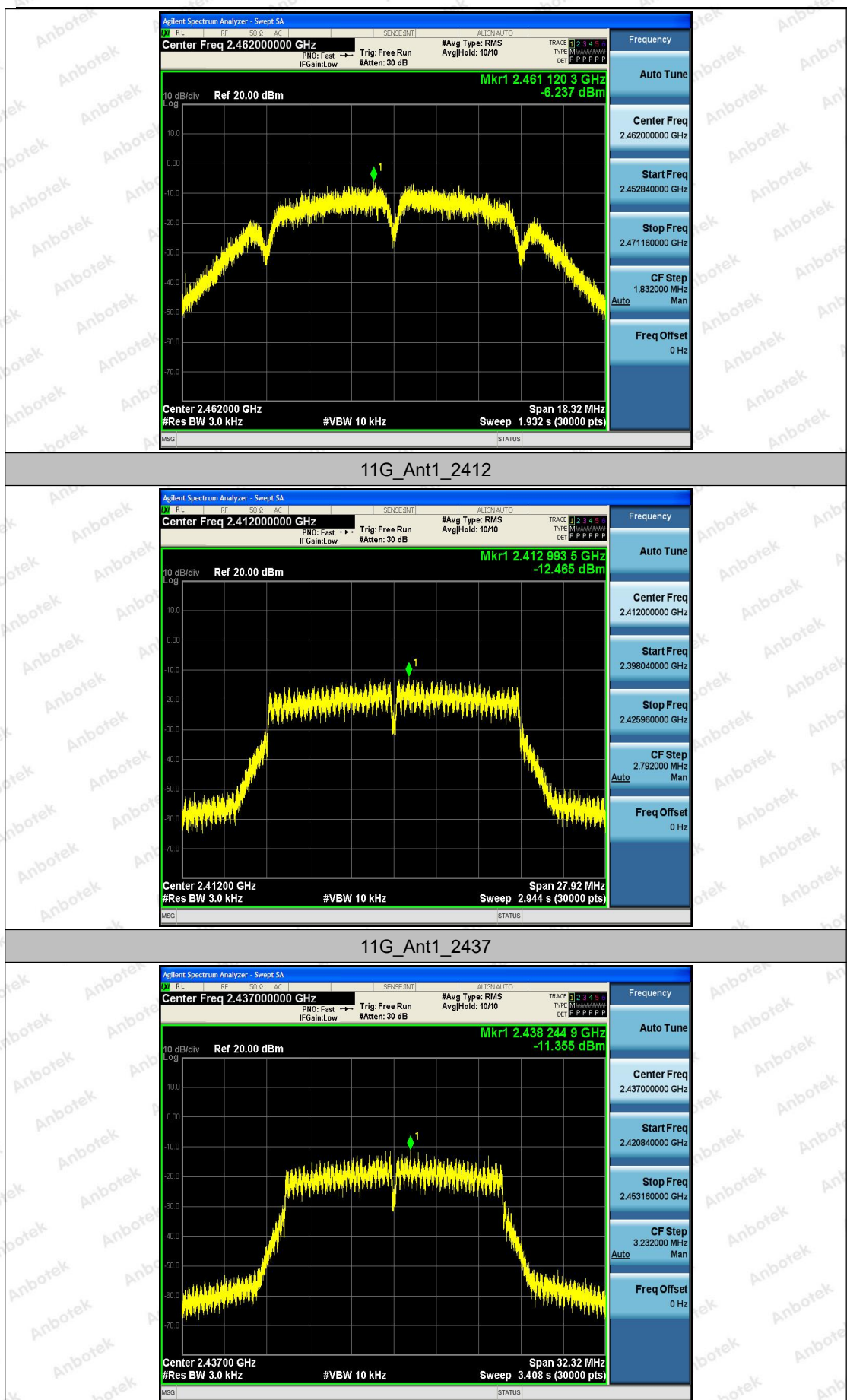
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.25	≤8	PASS
		2437	-6.28	≤8	PASS
		2462	-6.24	≤8	PASS
11G	Ant1	2412	-12.47	≤8	PASS
		2437	-11.36	≤8	PASS
		2462	-10.45	≤8	PASS
11N20	Ant1	2412	-10.53	≤8	PASS
		2437	-11.34	≤8	PASS
		2462	-10.33	≤8	PASS

Test Graphs



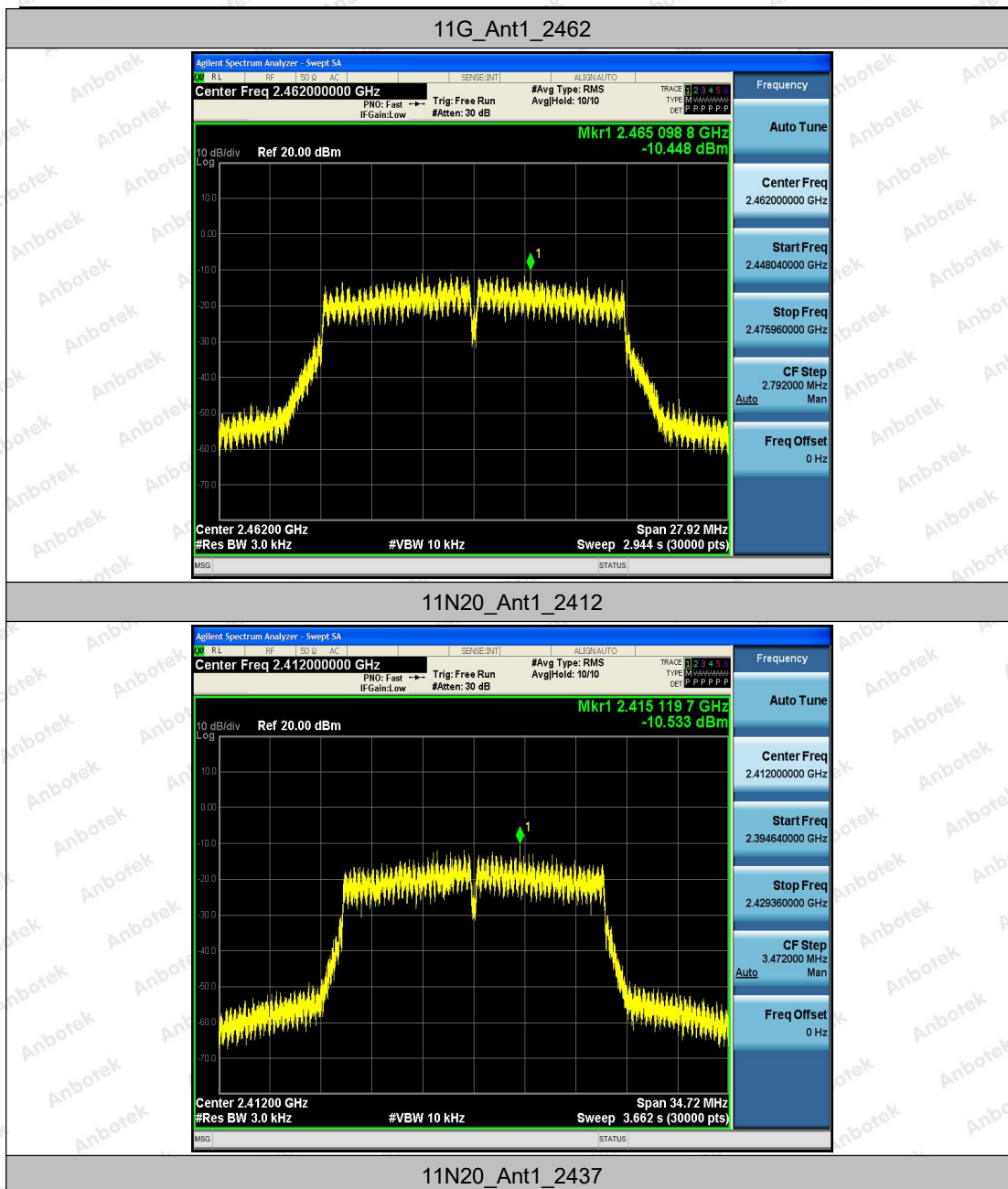


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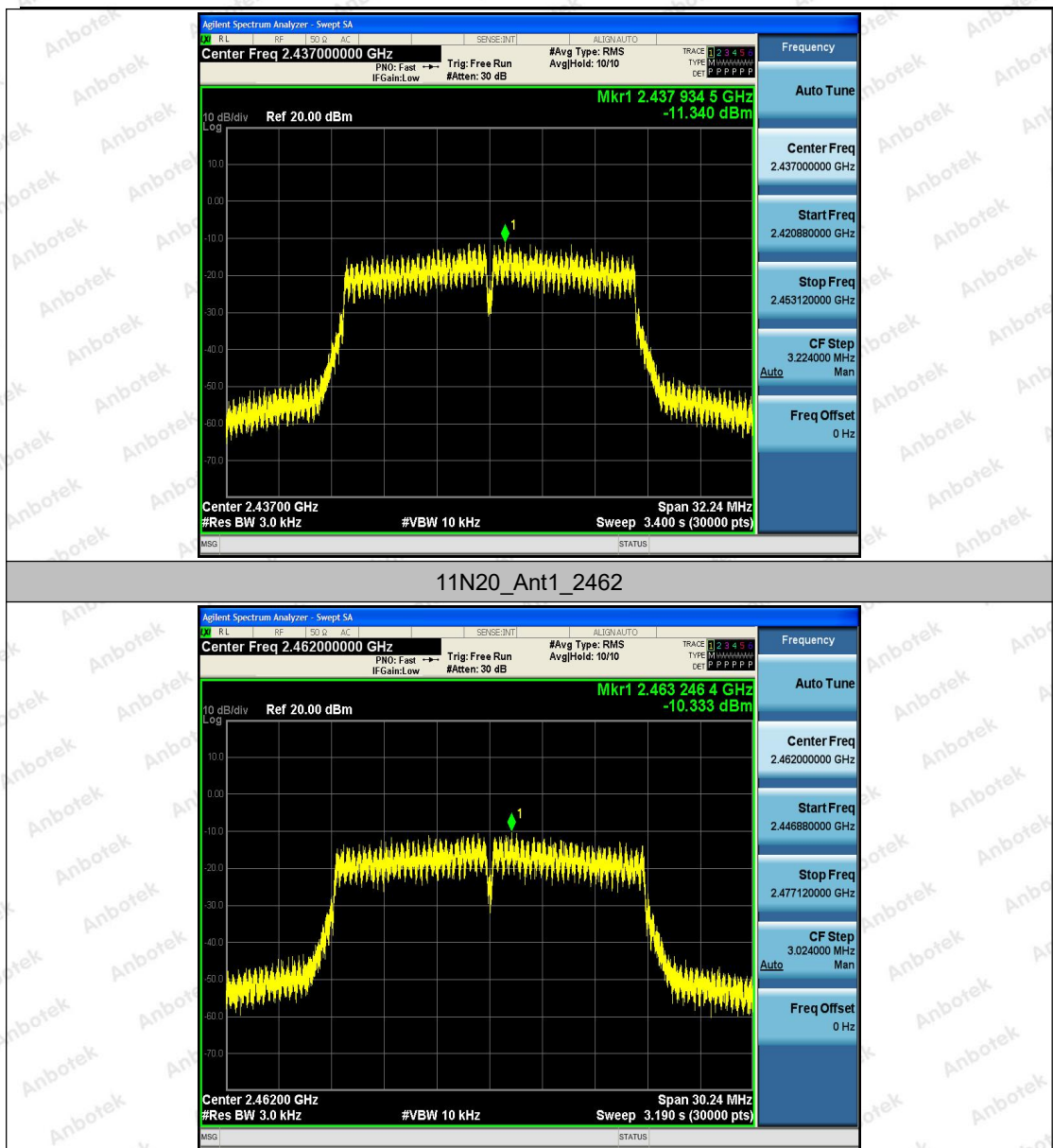


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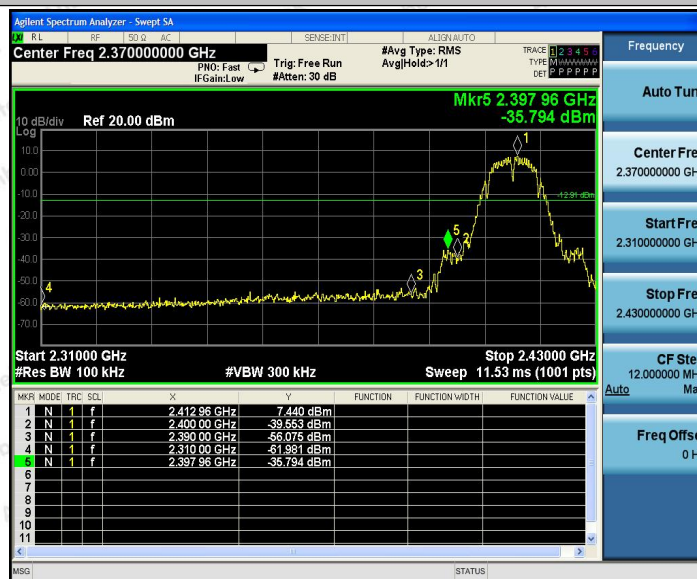
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.09	-35.79	≤ -12.91	PASS
		High	2462	7.72	-52	≤ -12.28	PASS
11G	Ant1	Low	2412	1.38	-36.68	≤ -18.62	PASS
		High	2462	-1.42	-50.8	≤ -21.42	PASS
11N20	Ant1	Low	2412	-0.02	-34.25	≤ -20.02	PASS
		High	2462	4.53	-42.93	≤ -15.47	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



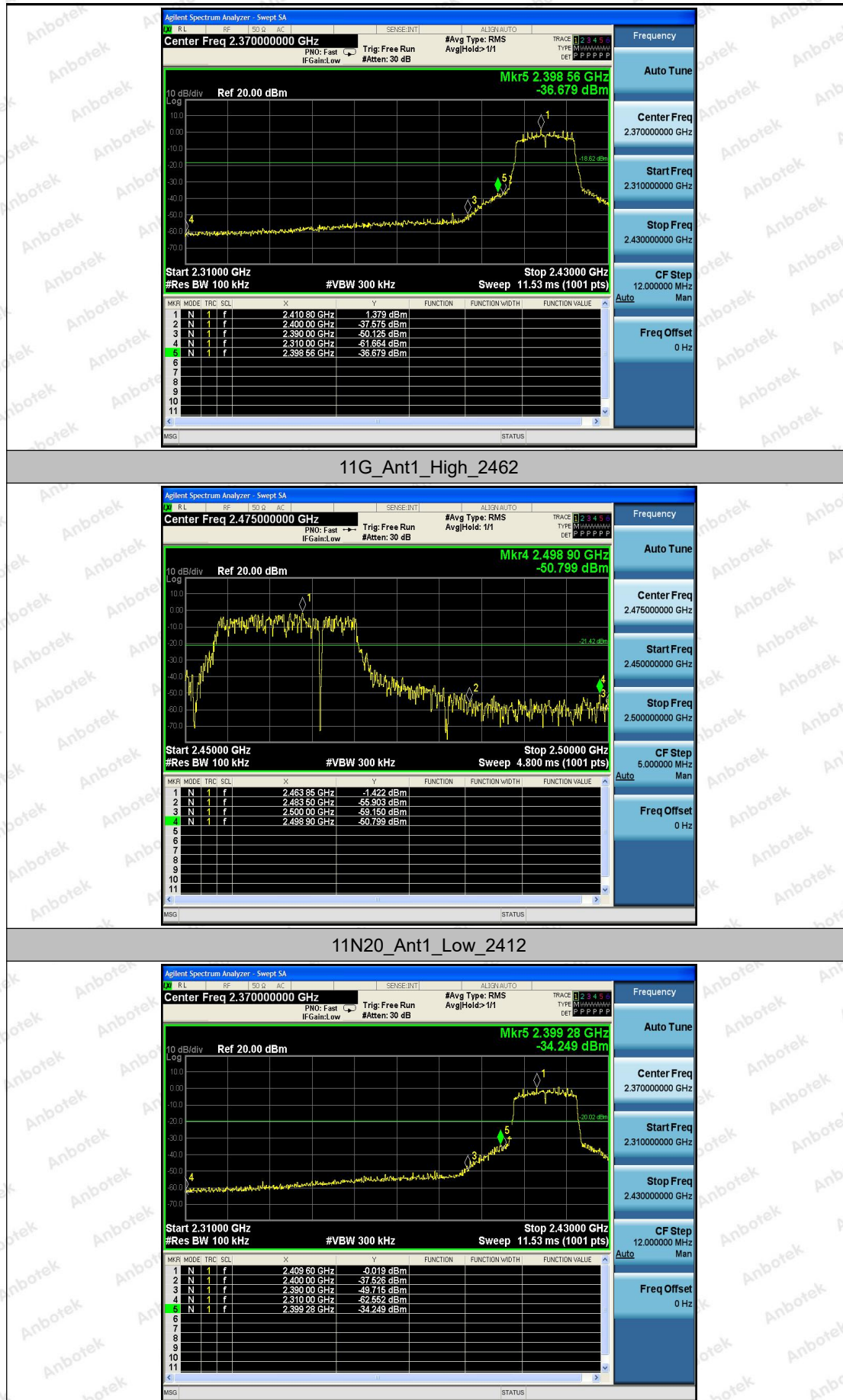
11G_Ant1_Low_2412

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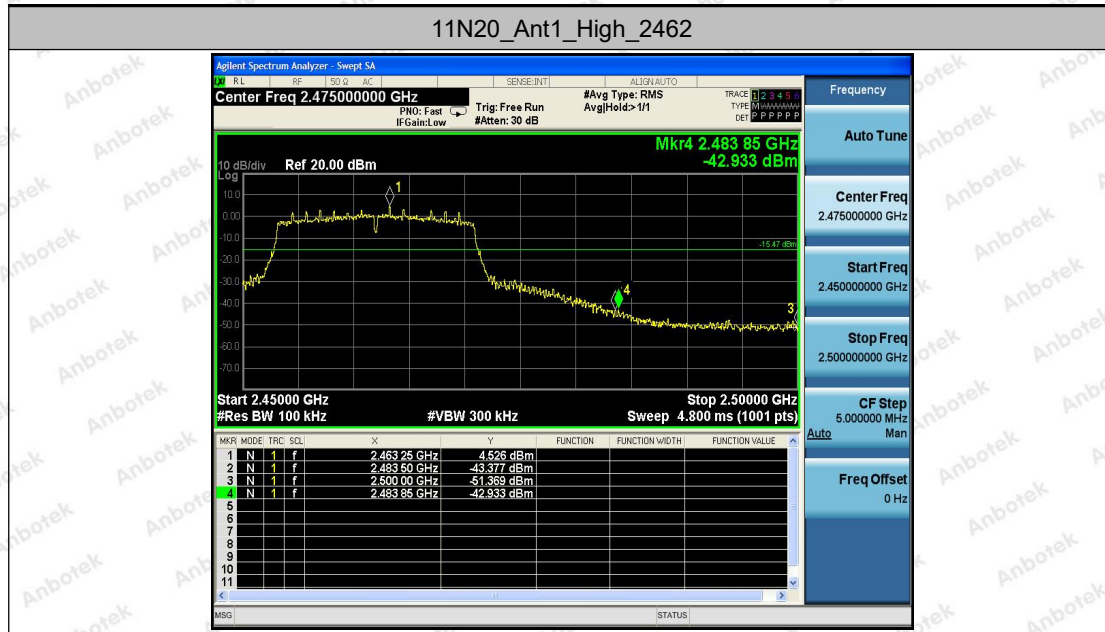


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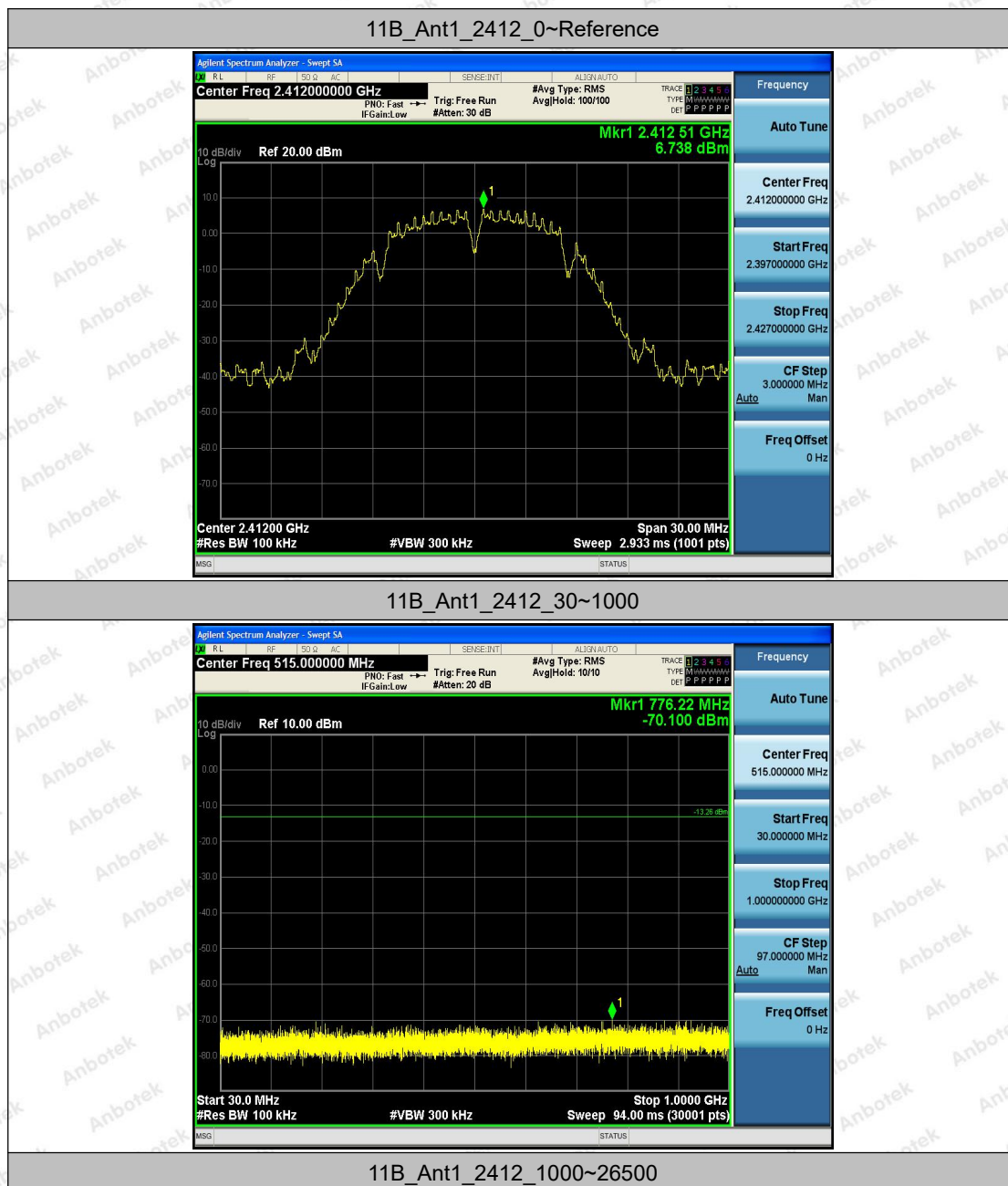
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.74	6.74	---	PASS
			30~1000	6.74	-70.1	≤-13.26	PASS
			1000~26500	6.74	-46.38	≤-13.26	PASS
		2437	Reference	7.32	7.32	---	PASS
			30~1000	7.32	-70.13	≤-12.68	PASS
			1000~26500	7.32	-47.75	≤-12.68	PASS
		2462	Reference	6.73	6.73	---	PASS
			30~1000	6.73	-69.24	≤-13.28	PASS
			1000~26500	6.73	-51.74	≤-13.28	PASS
11G	Ant1	2412	Reference	1.45	1.45	---	PASS
			30~1000	1.45	-70.24	≤-18.55	PASS
			1000~26500	1.45	-55.01	≤-18.55	PASS
		2437	Reference	0.55	0.55	---	PASS
			30~1000	0.55	-70.05	≤-19.46	PASS
			1000~26500	0.55	-53.75	≤-19.46	PASS
		2462	Reference	2.41	2.41	---	PASS
			30~1000	2.41	-70	≤-17.59	PASS
			1000~26500	2.41	-56.01	≤-17.59	PASS
11N20	Ant1	2412	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-69.13	≤-18.67	PASS
			1000~26500	1.33	-55.15	≤-18.67	PASS
		2437	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-69.66	≤-16.53	PASS
			1000~26500	3.47	-53.36	≤-16.53	PASS
		2462	Reference	3.45	3.45	---	PASS
			30~1000	3.45	-69.73	≤-16.56	PASS
			1000~26500	3.45	-55.74	≤-16.56	PASS

Test Graphs



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