

Appendix Test Data

Report No.:	18220WC20122603	Test Sample No.:	1-2-2
Start Test Date:	2022.6.10	Finish Test Date:	2022.6.15
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.2 %
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	8.280	2407.720	2416.000	≥0.5	PASS
		2437	8.800	2432.600	2441.400	≥0.5	PASS
		2462	8.280	2457.920	2466.200	≥0.5	PASS
11G	Ant1	2412	15.760	2404.160	2419.920	≥0.5	PASS
		2437	15.760	2429.160	2444.920	≥0.5	PASS
		2462	15.800	2454.200	2470.000	≥0.5	PASS
11N20	Ant1	2412	16.360	2403.840	2420.200	≥0.5	PASS
		2437	16.280	2429.160	2445.440	≥0.5	PASS
		2462	15.400	2454.200	2469.600	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

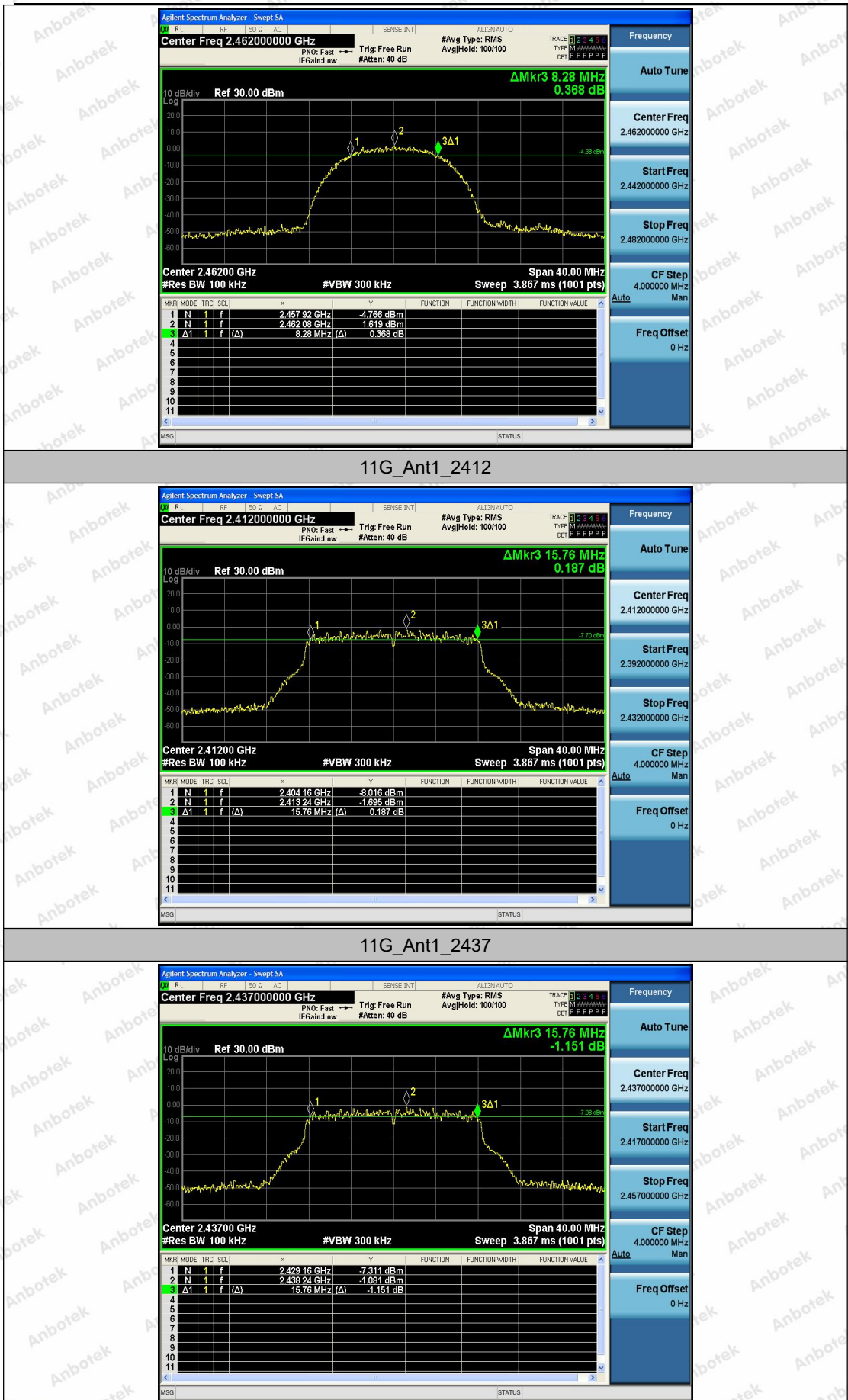
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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

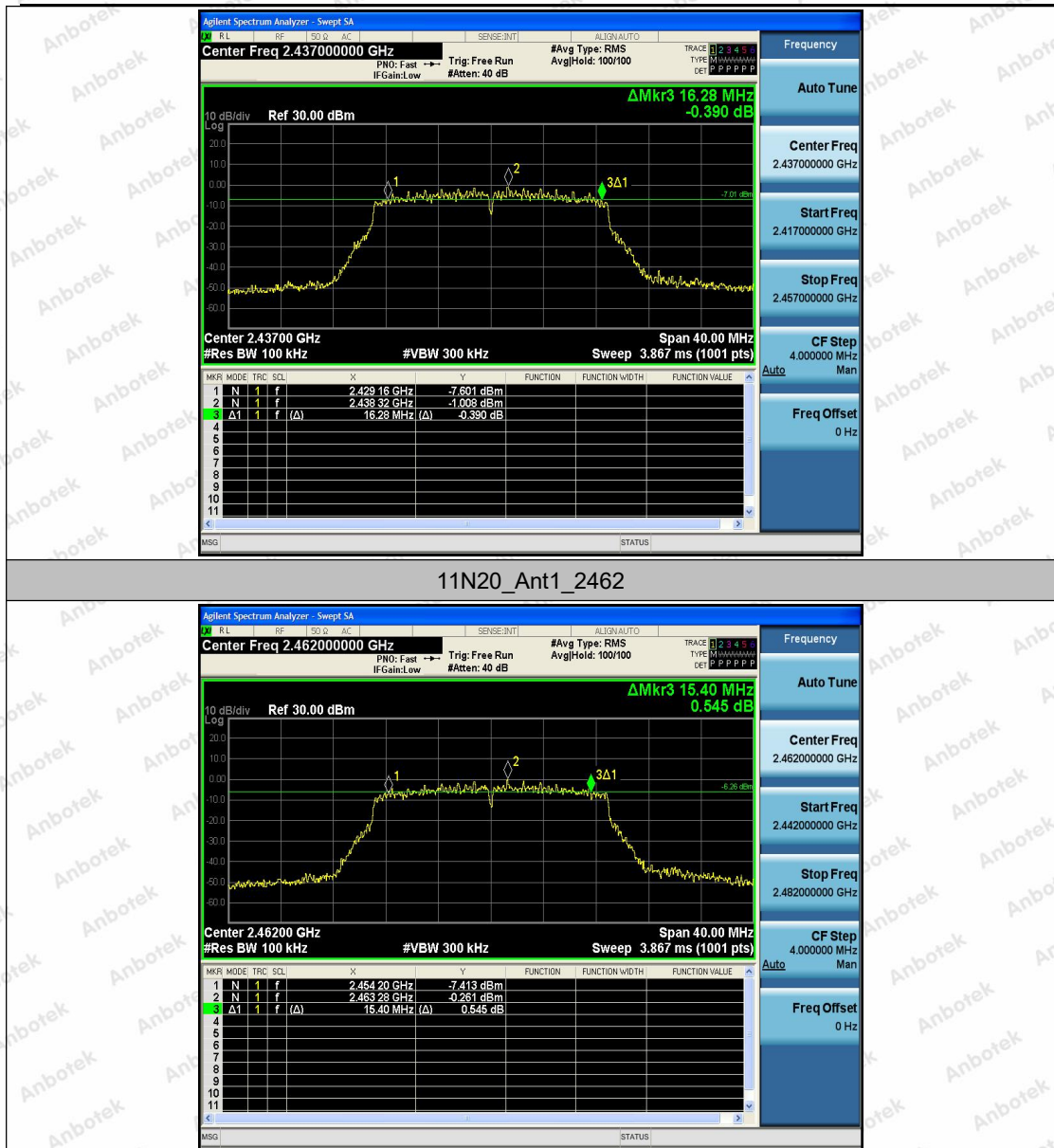
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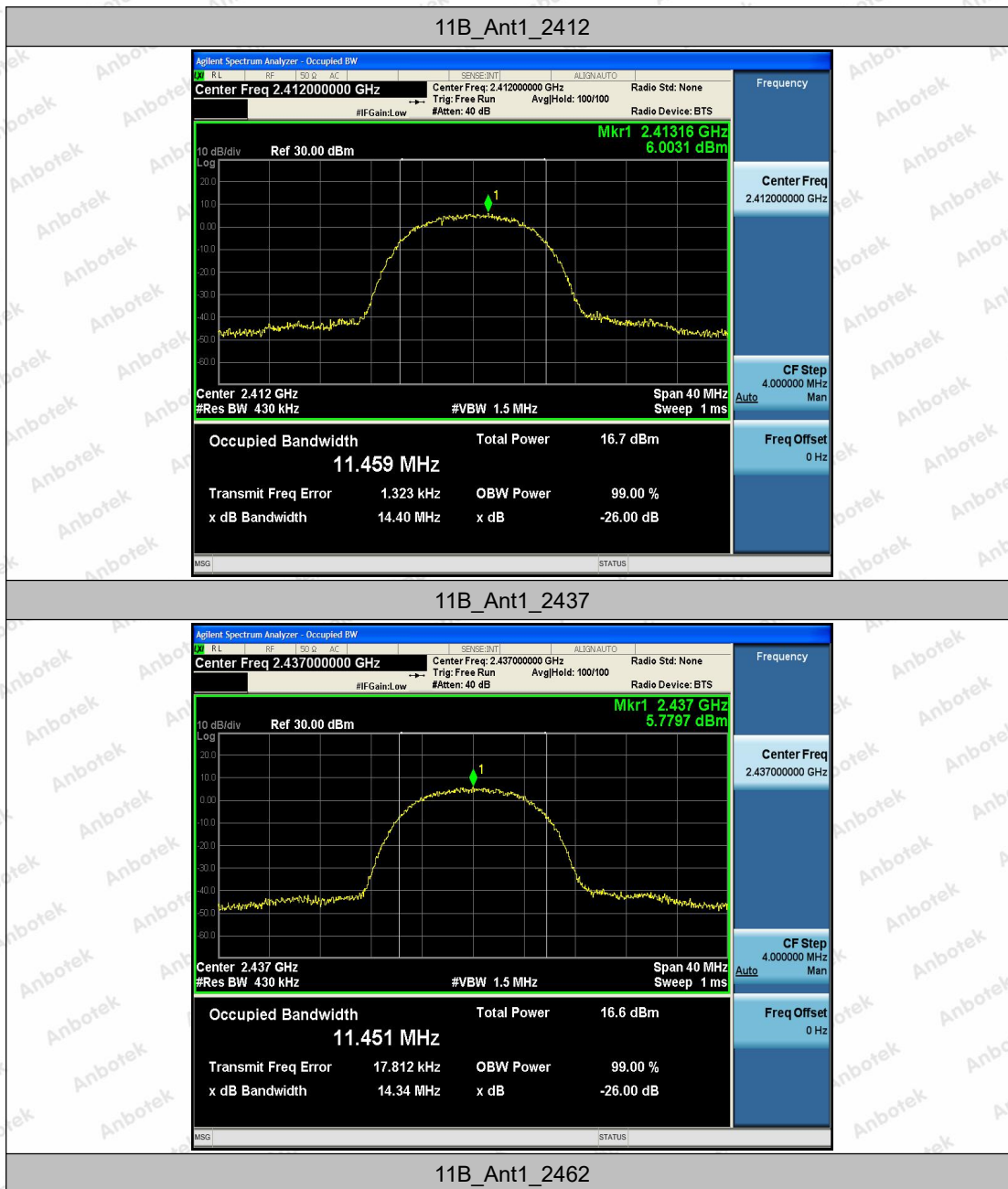
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.459	2406.272	2417.731	---	PASS
		2437	11.451	2431.292	2442.743	---	PASS
		2462	11.465	2456.331	2467.796	---	PASS
11G	Ant1	2412	16.470	2403.766	2420.236	---	PASS
		2437	16.509	2428.759	2445.268	---	PASS
		2462	16.493	2453.788	2470.281	---	PASS
11N20	Ant1	2412	17.786	2403.125	2420.911	---	PASS
		2437	17.759	2428.119	2445.878	---	PASS
		2462	17.799	2453.099	2470.898	---	PASS



Test Graphs



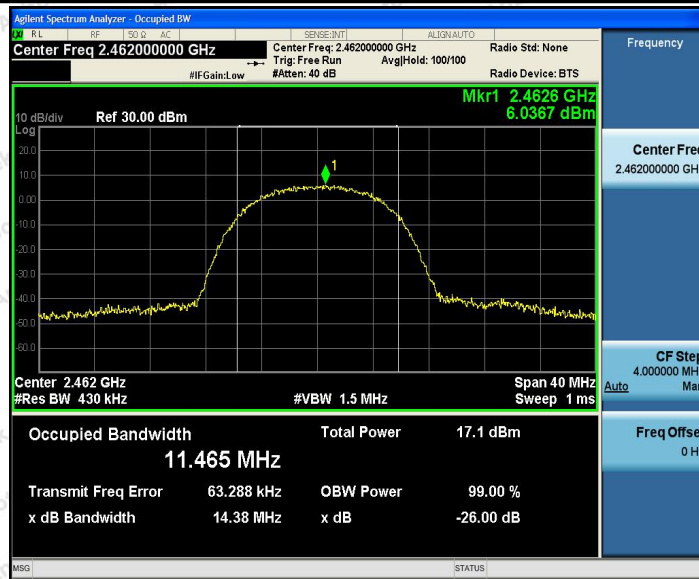
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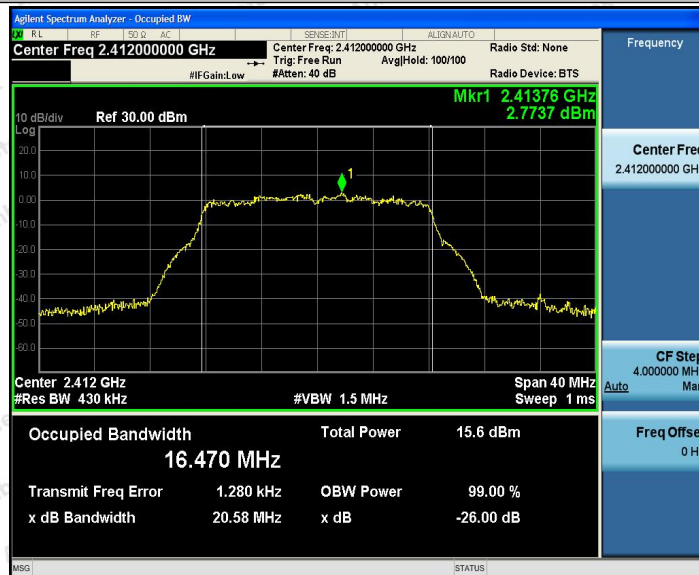


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11G_Ant1_2412



11G_Ant1_2437



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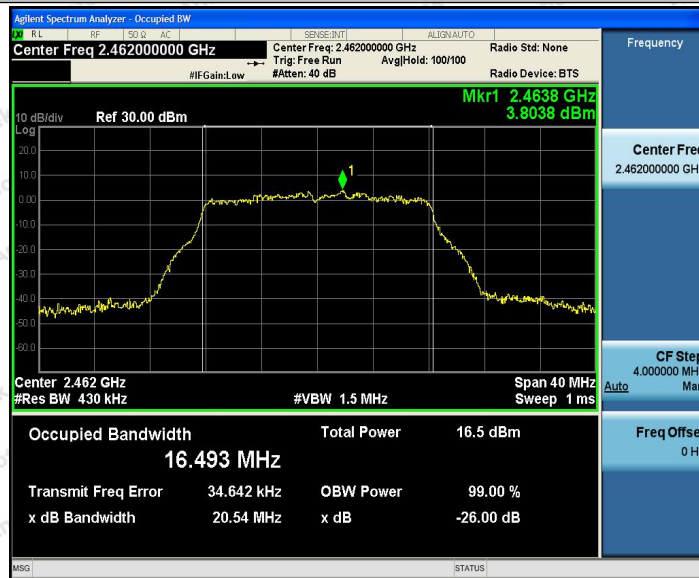
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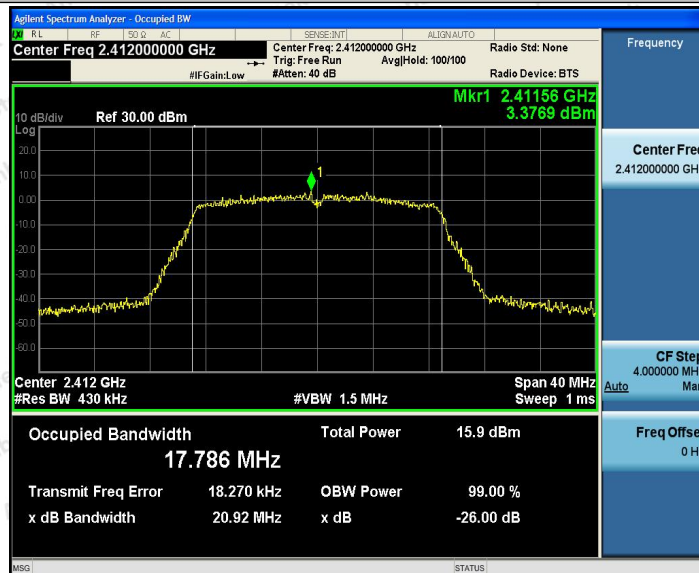
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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

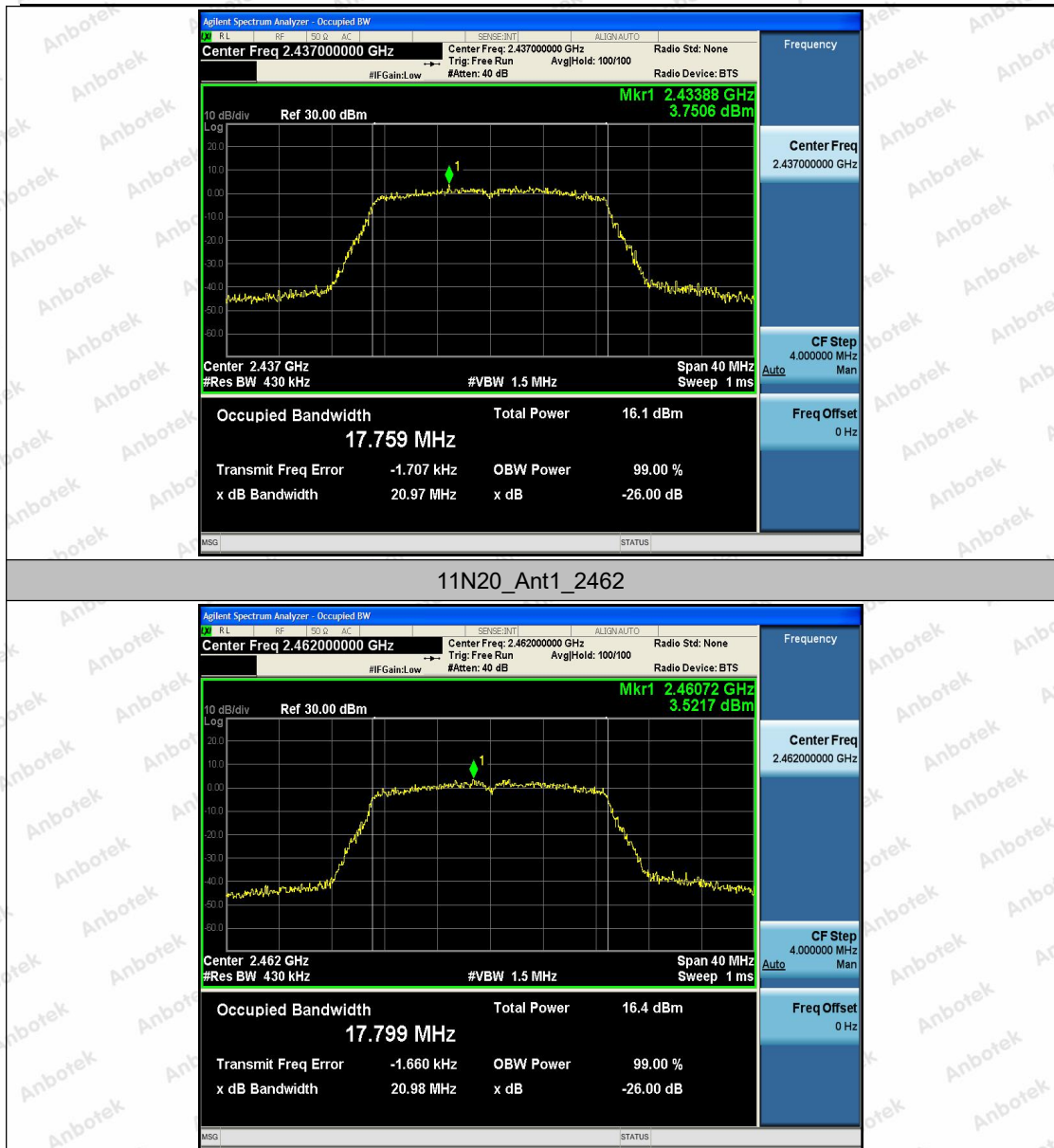
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.24	≤30	PASS
		2437	16.15	≤30	PASS
		2462	16.60	≤30	PASS
11G	Ant1	2412	16.52	≤30	PASS
		2437	17.00	≤30	PASS
		2462	17.46	≤30	PASS
11N20	Ant1	2412	16.60	≤30	PASS
		2437	16.98	≤30	PASS
		2462	17.12	≤30	PASS



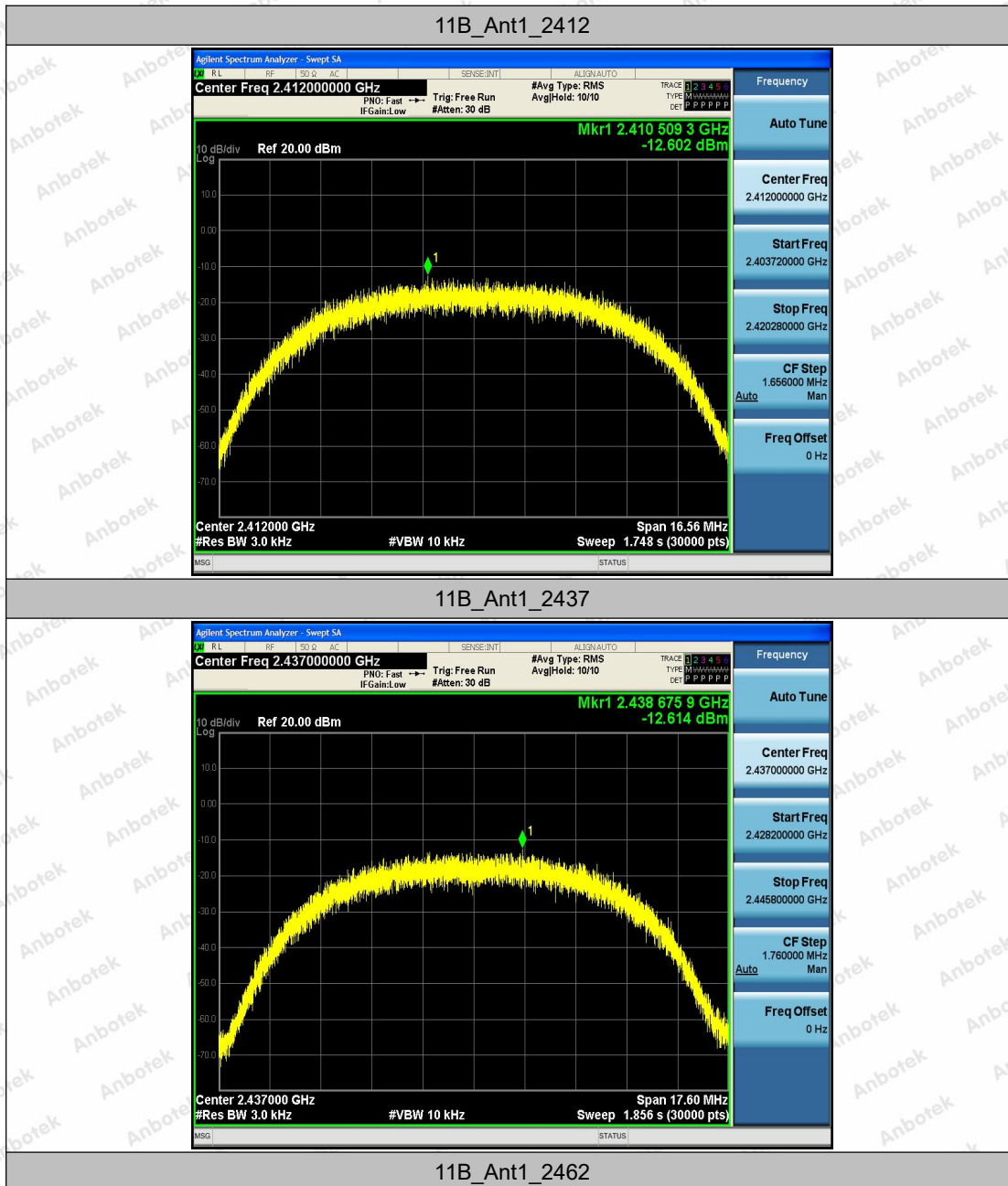
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.60	≤8	PASS
		2437	-12.61	≤8	PASS
		2462	-12.38	≤8	PASS
11G	Ant1	2412	-17.64	≤8	PASS
		2437	-17.12	≤8	PASS
		2462	-17.20	≤8	PASS
11N20	Ant1	2412	-16.35	≤8	PASS
		2437	-15.64	≤8	PASS
		2462	-15.19	≤8	PASS



Test Graphs



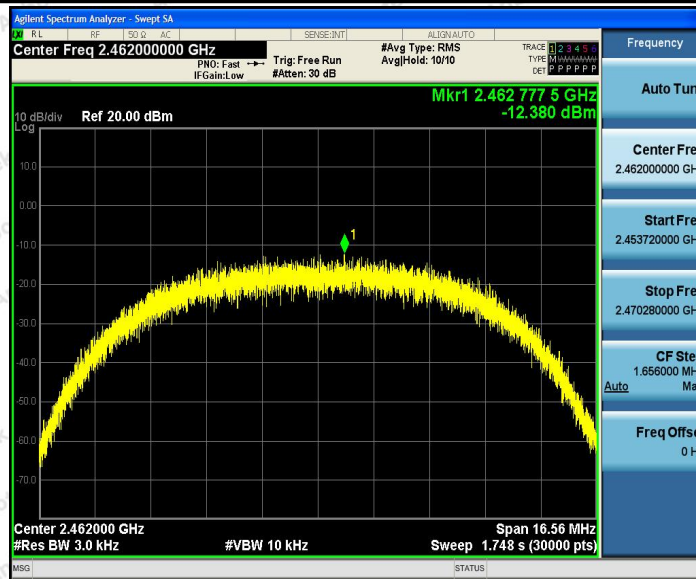
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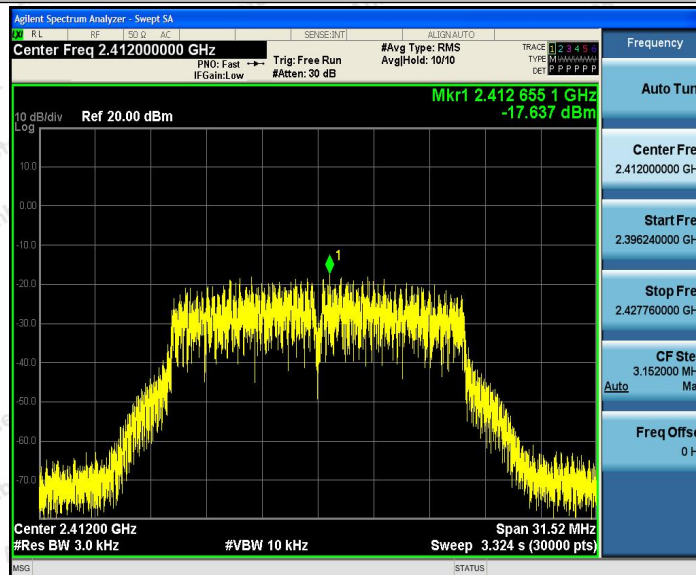


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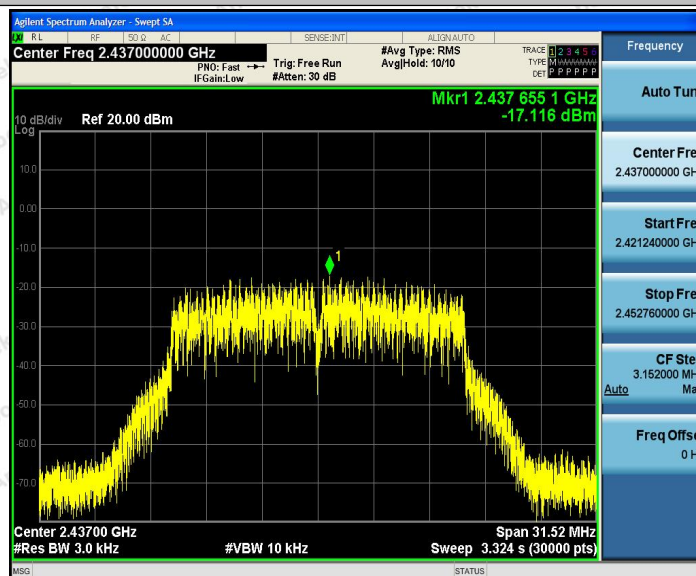




11G_Ant1_2412



11G_Ant1_2437



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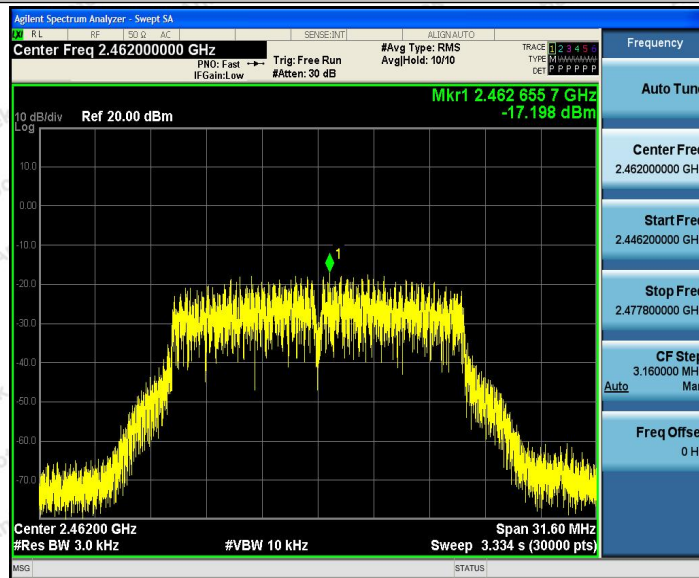
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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

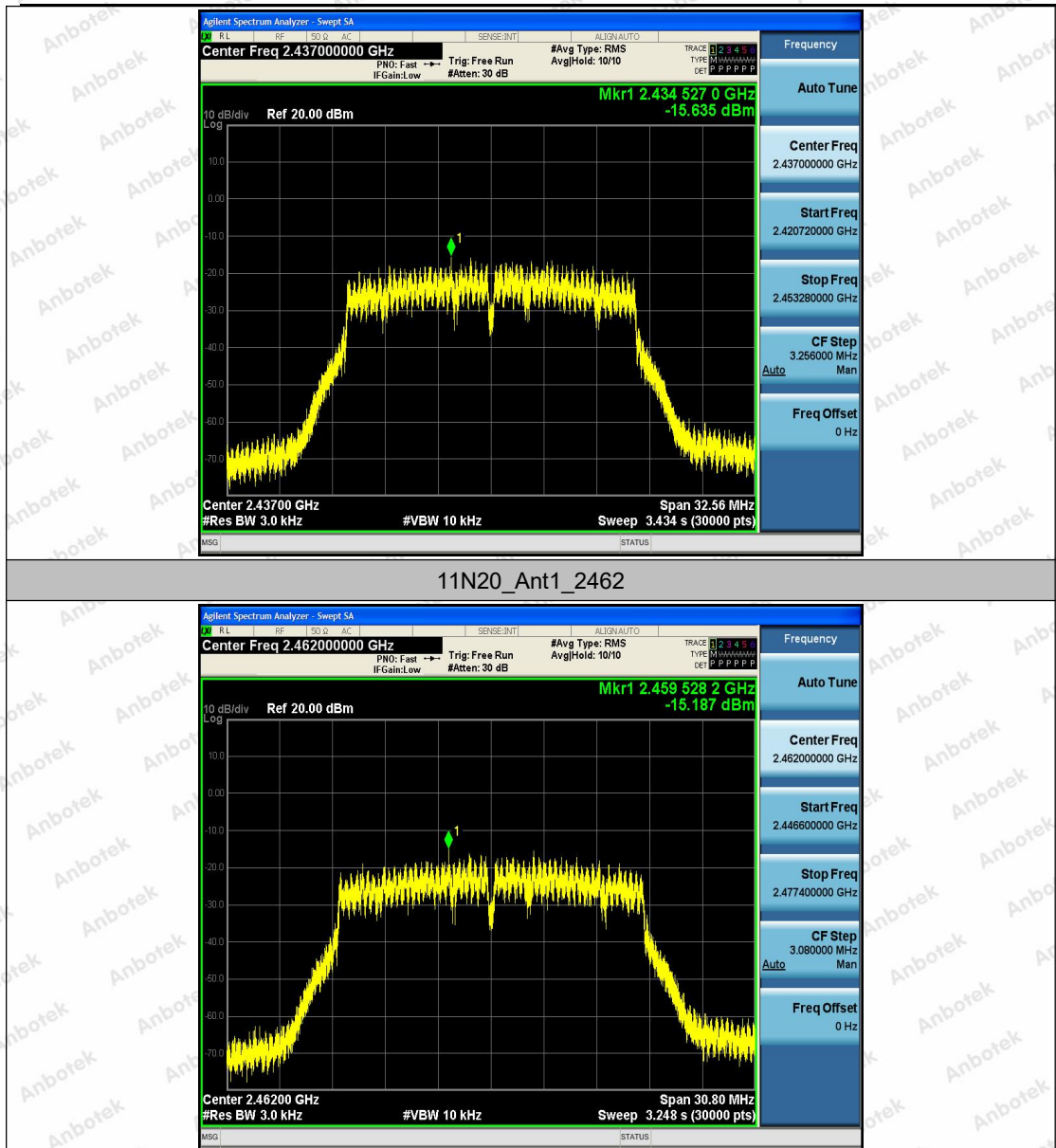
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Appendix E: Band edge measurements

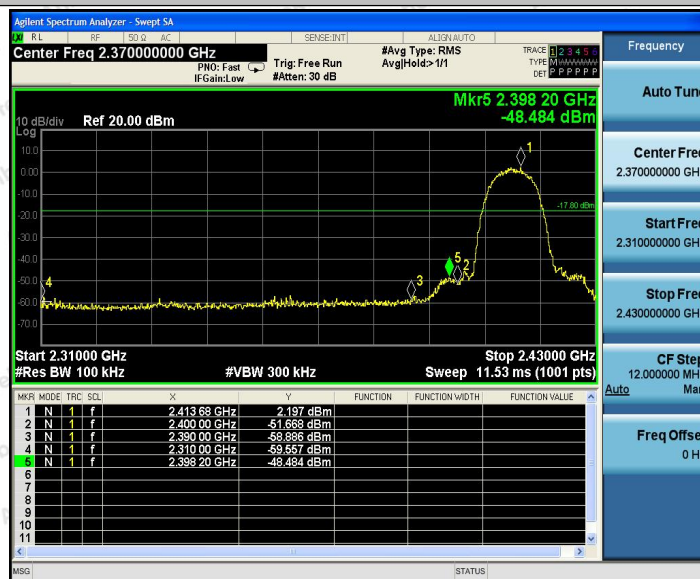
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.20	-48.48	≤ -17.8	PASS
		High	2462	1.43	-56.37	≤ -18.57	PASS
11G	Ant1	Low	2412	-1.43	-45.83	≤ -21.43	PASS
		High	2462	-0.18	-50.1	≤ -20.18	PASS
11N20	Ant1	Low	2412	-1.55	-44.42	≤ -21.55	PASS
		High	2462	-0.41	-51.36	≤ -20.41	PASS

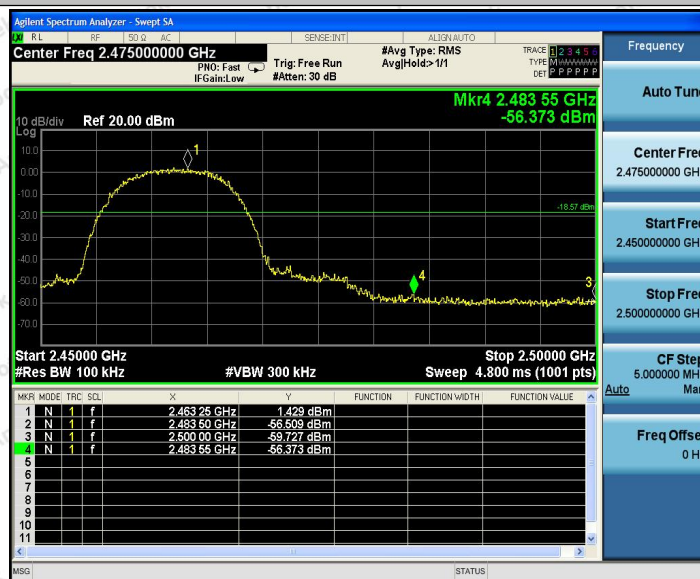


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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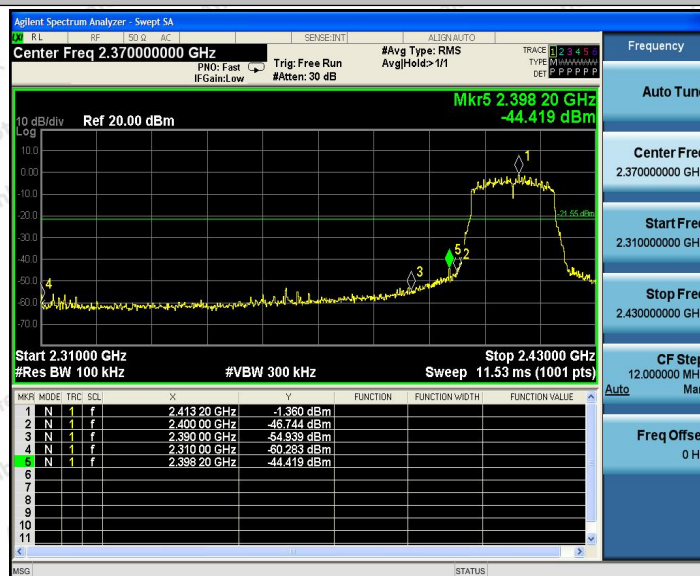




11G_Ant1_High_2462



11N20_Ant1_Low_2412

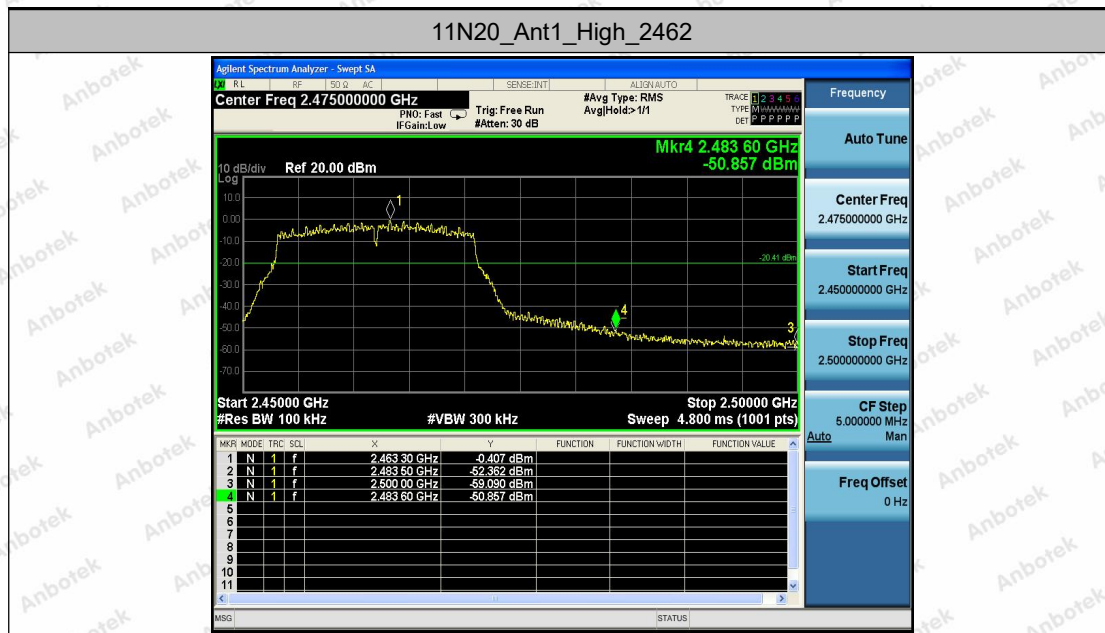


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