

Appendix Test Data

Report No.:	18220WC20189202	Test Sample No.:	1-2-2
Start Test Date:	2022.8.17	Finish Test Date:	2022.8.29
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	9.080	2407.480	2416.560	0.5	PASS
		2437	9.520	2432.480	2442.000	0.5	PASS
		2462	9.000	2457.480	2466.480	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

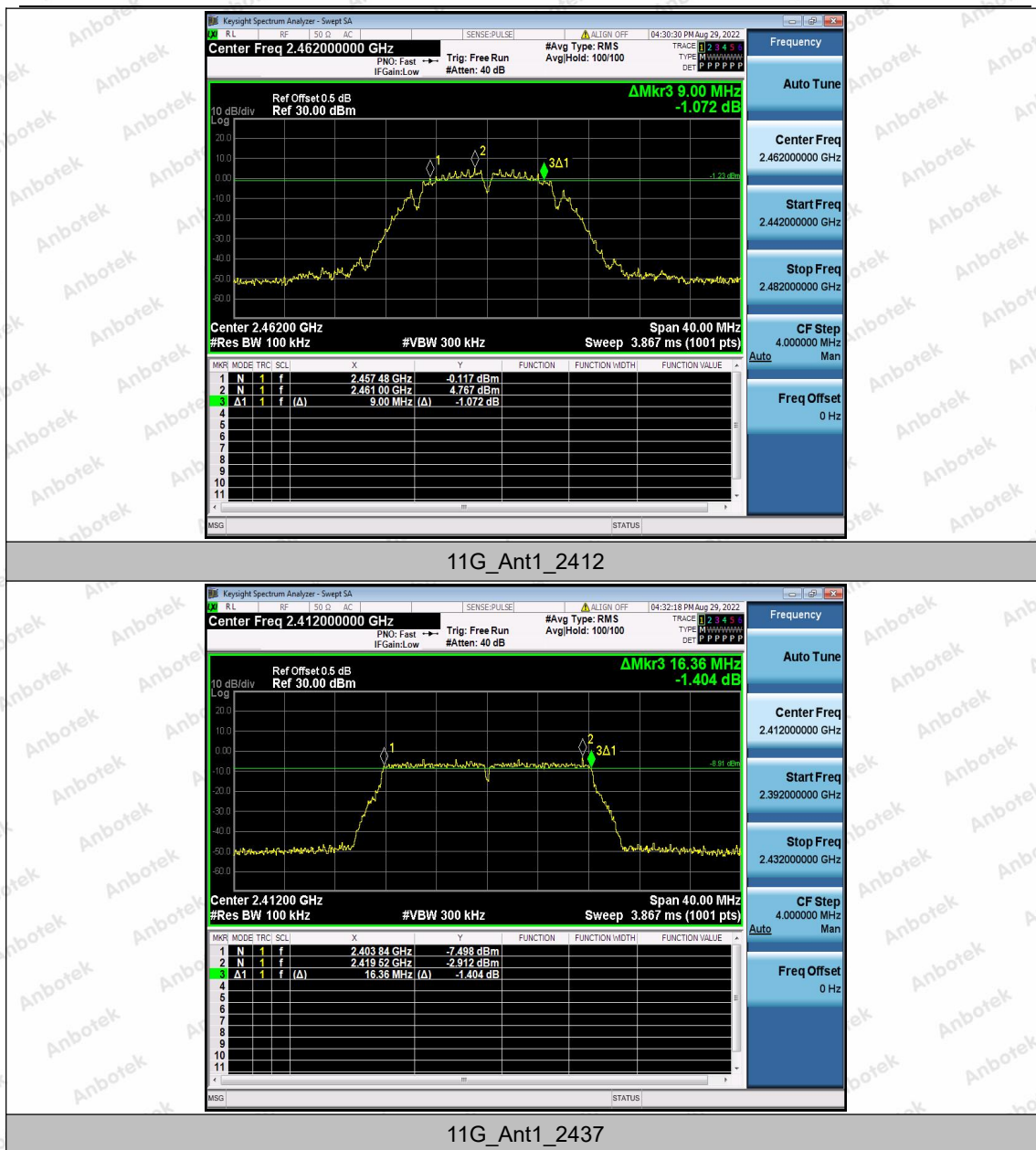
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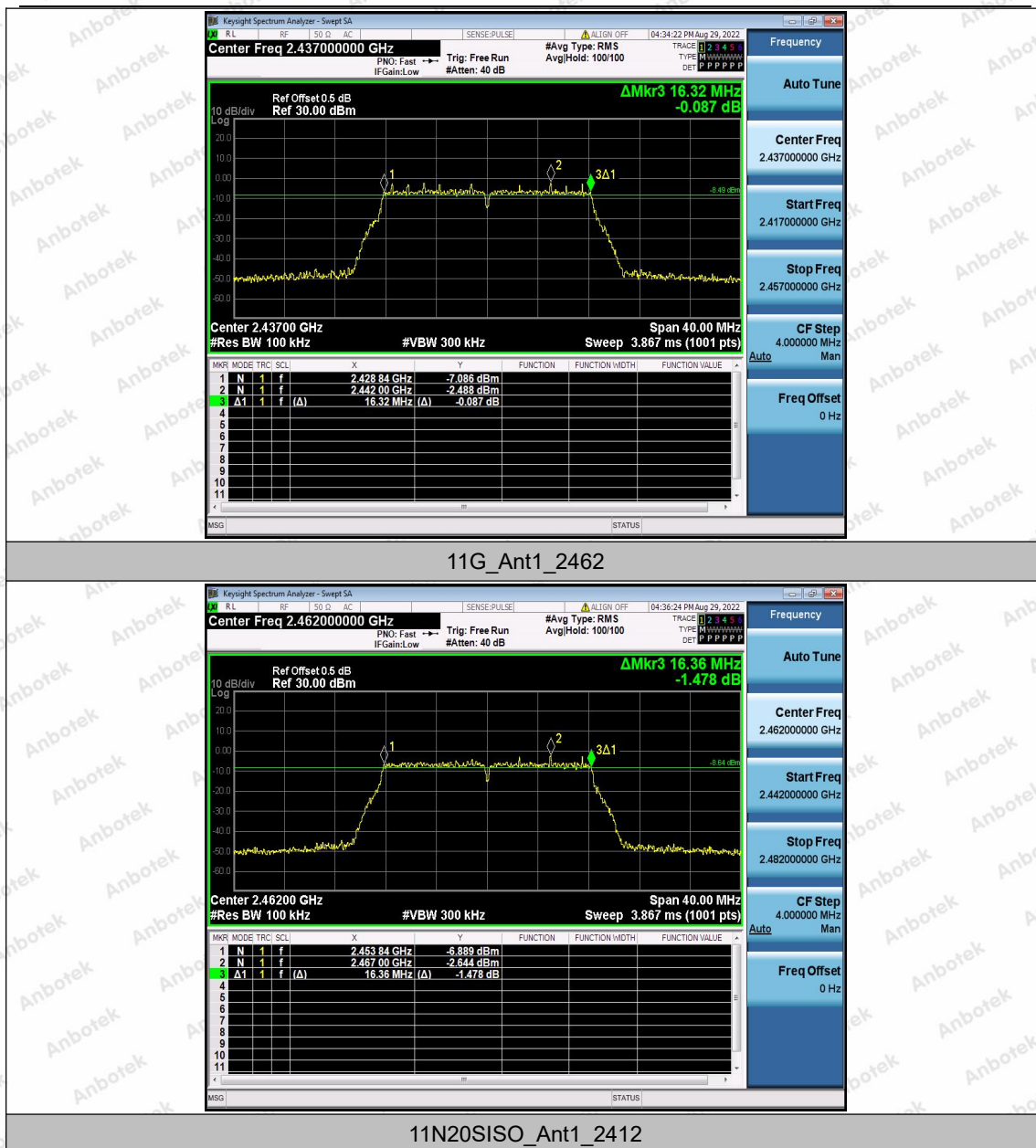
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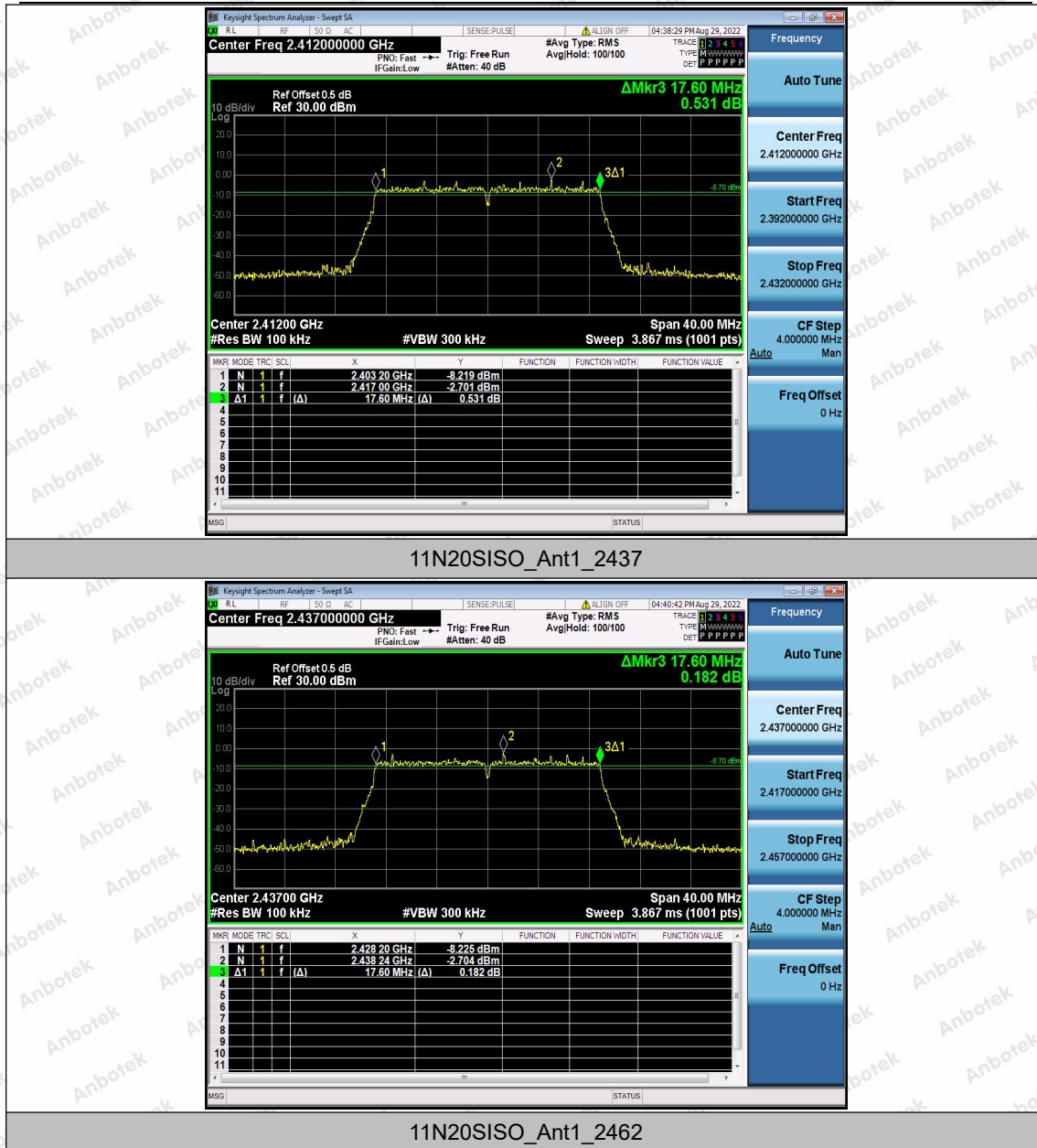
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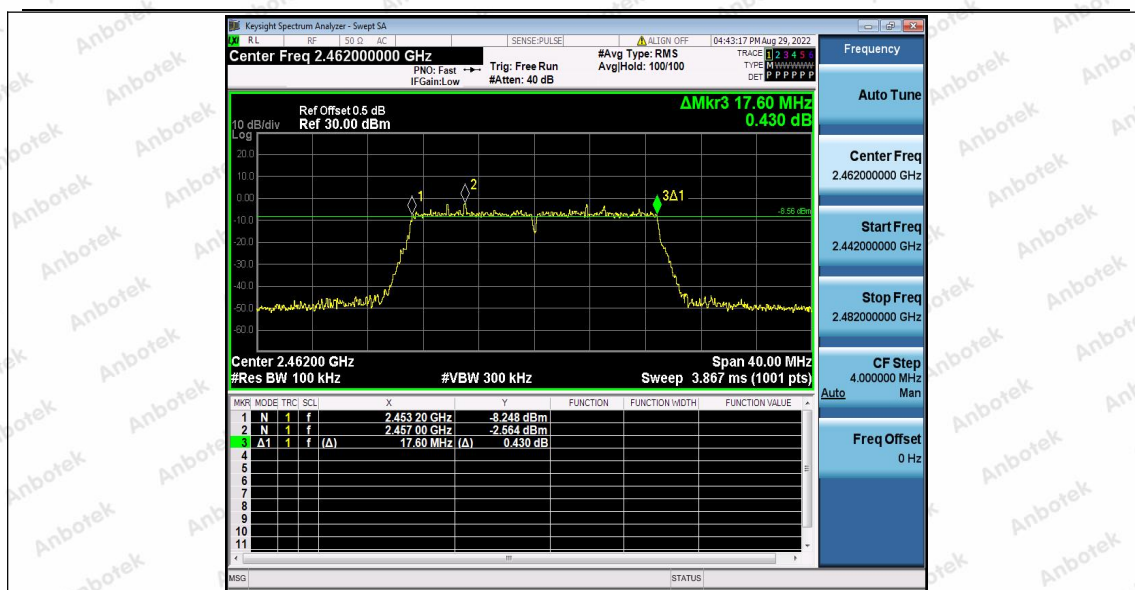
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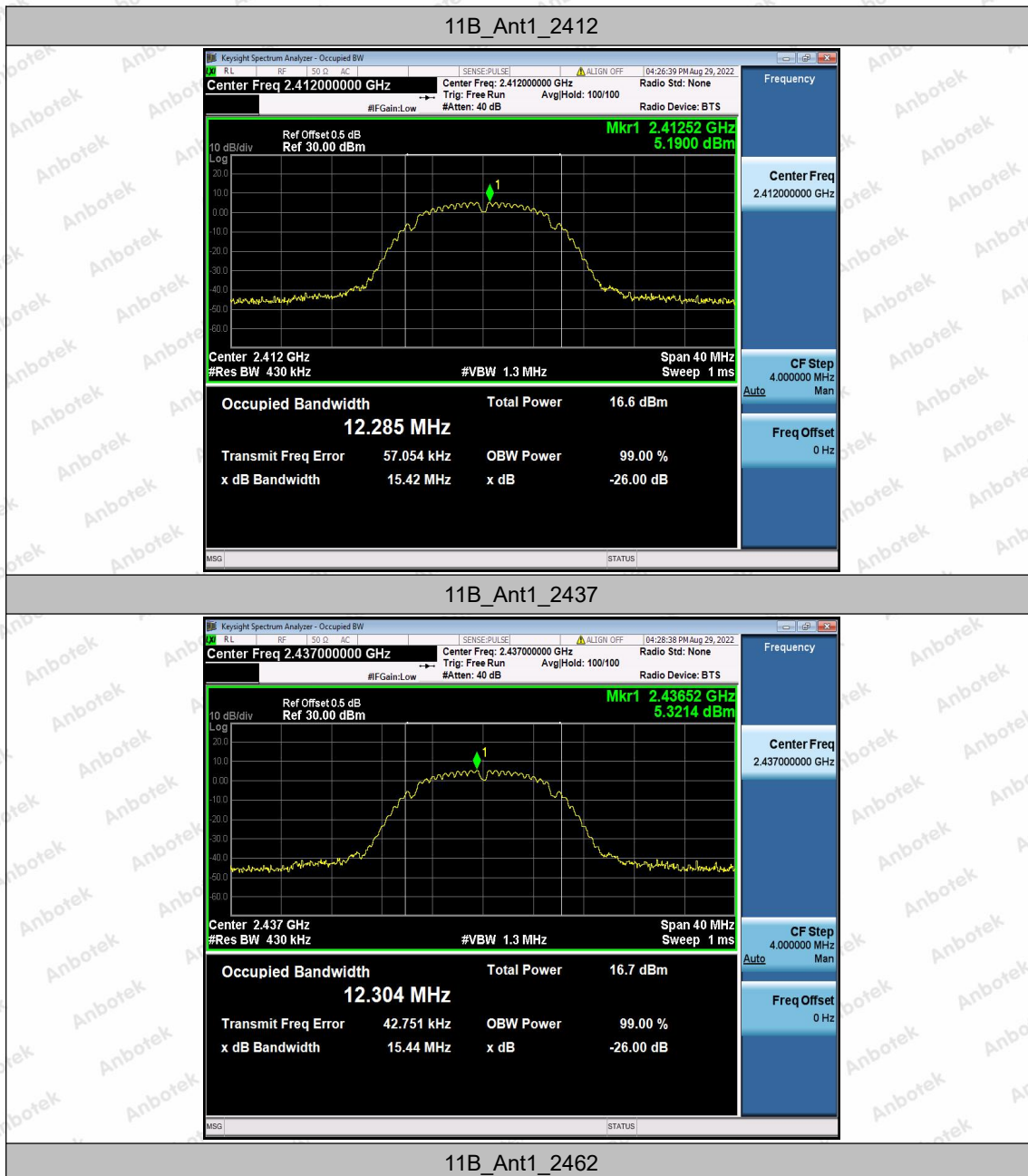
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.285	2405.9146	2418.1996
		2437	12.304	2430.8908	2443.1948
		2462	12.304	2455.8868	2468.1908
11G	Ant1	2412	17.090	2403.5443	2420.6343
		2437	17.082	2428.5311	2445.6131
		2462	17.059	2453.5109	2470.5699
11N20SISO	Ant1	2412	17.953	2403.0953	2421.0483
		2437	17.919	2428.0406	2445.9596
		2462	17.977	2453.0524	2471.0294



Test Graphs



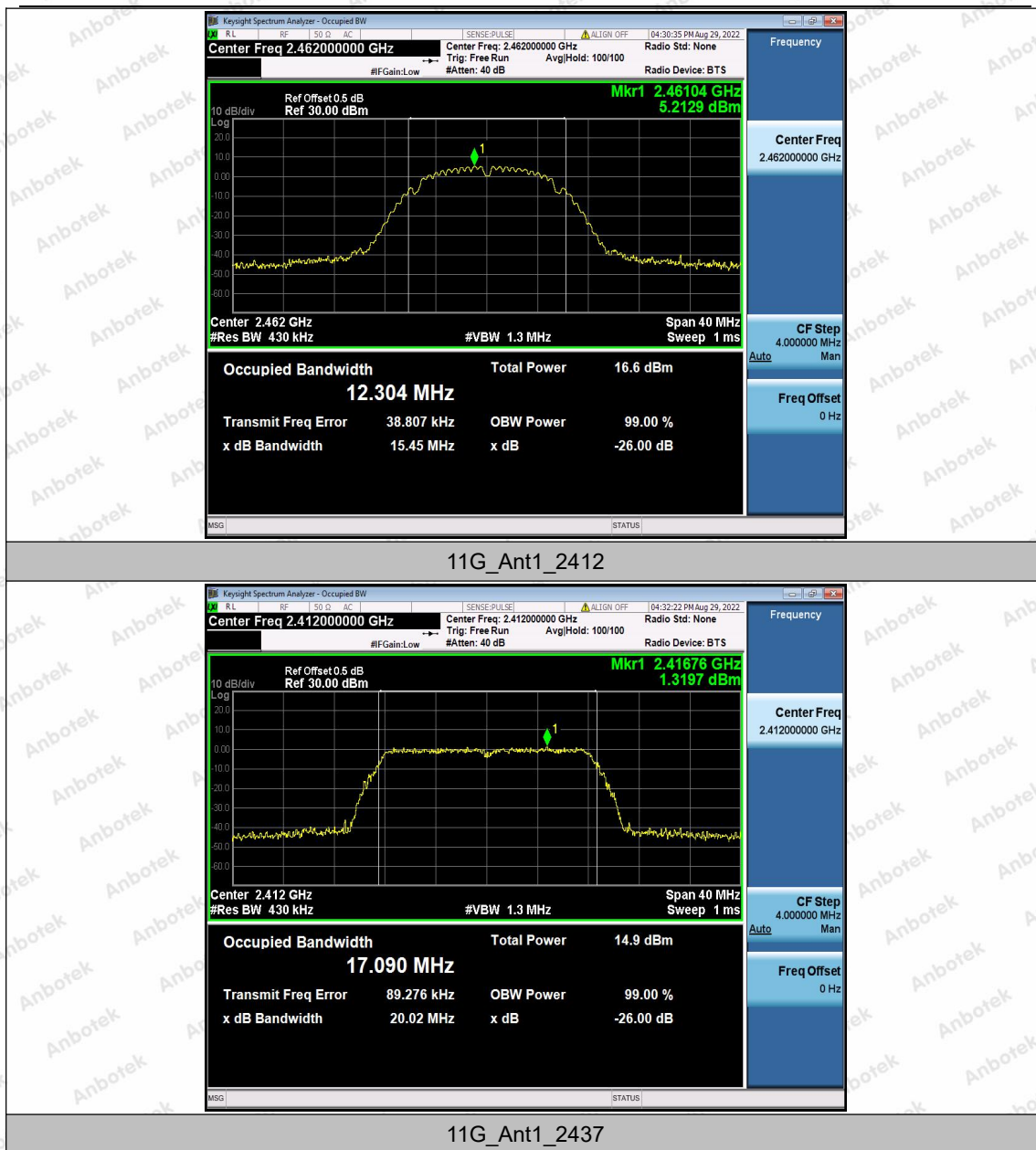
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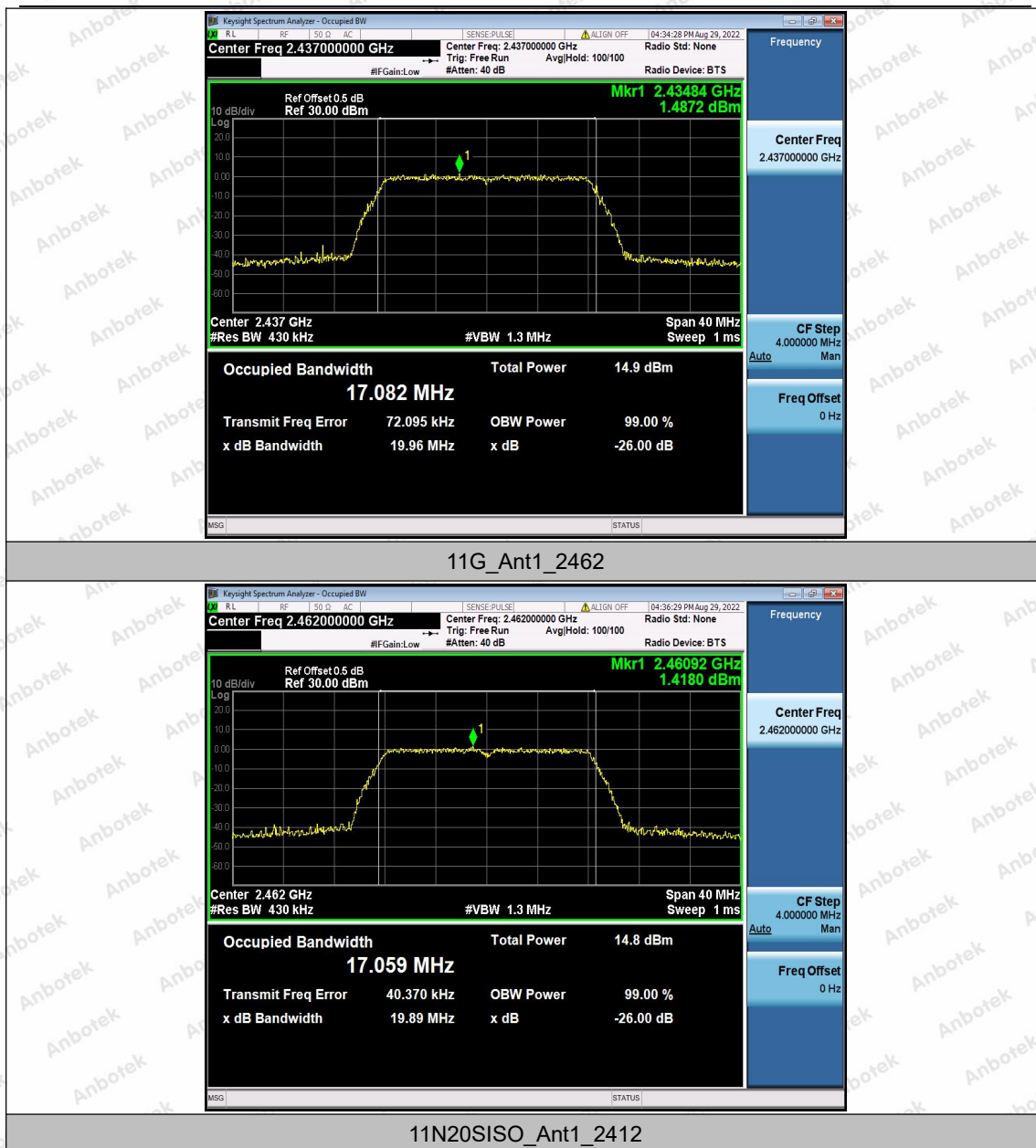
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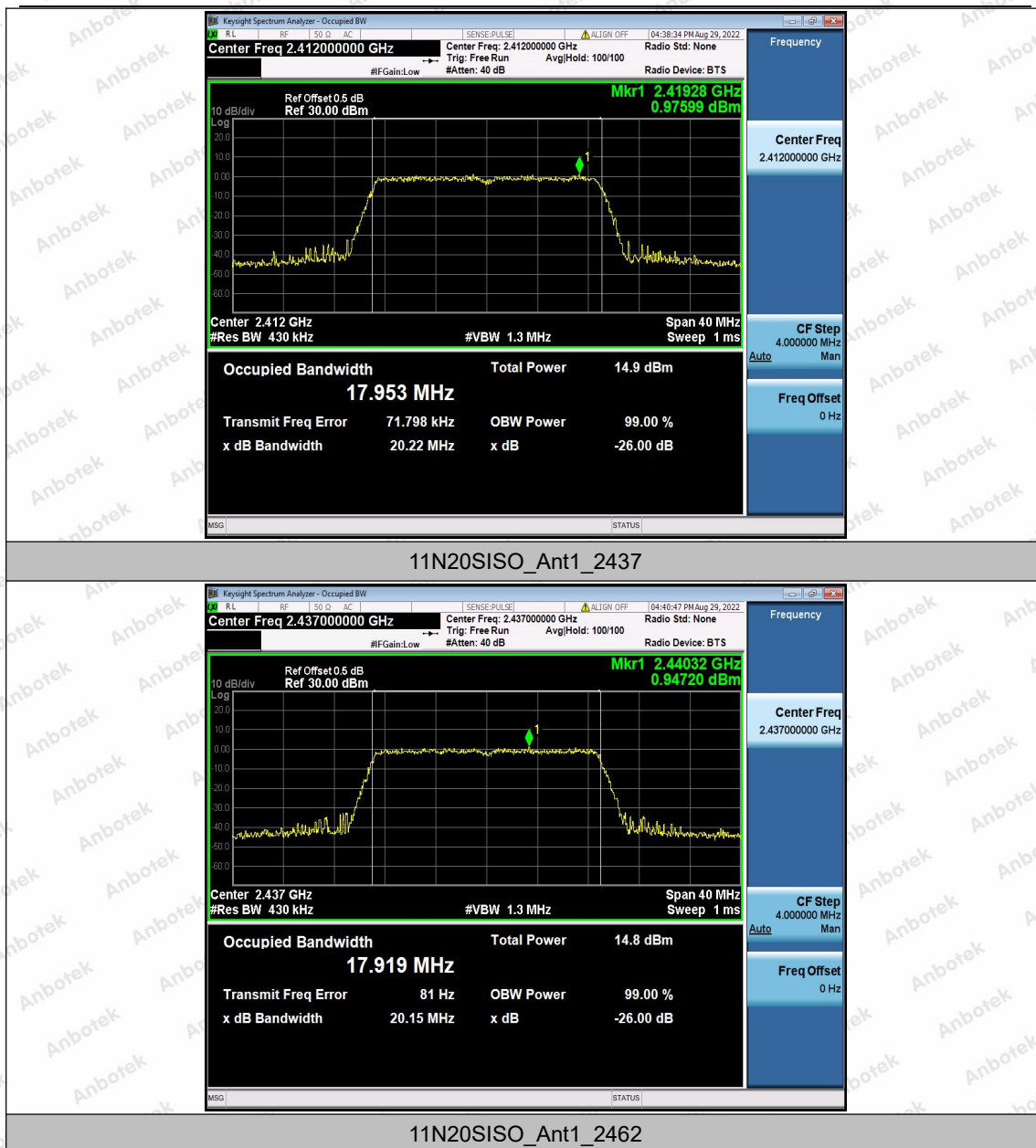
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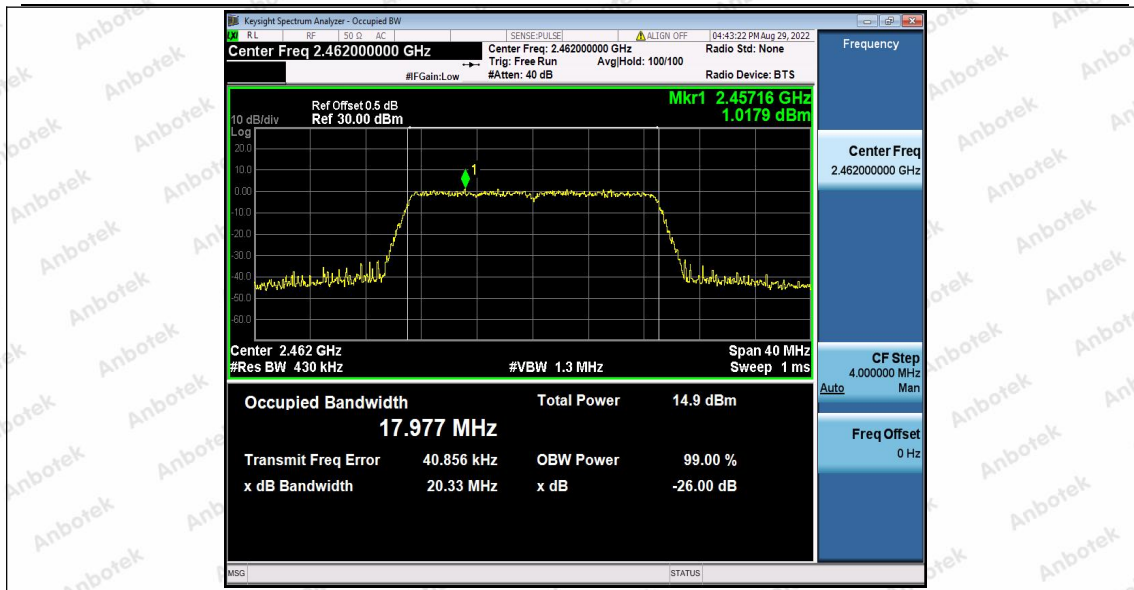
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	16.23	≤30.00	PASS
		2437	16.44	≤30.00	PASS
		2462	16.22	≤30.00	PASS
11G	Ant1	2412	16.10	≤30.00	PASS
		2437	15.95	≤30.00	PASS
		2462	15.98	≤30.00	PASS
11N20SISO	Ant1	2412	15.88	≤30.00	PASS
		2437	15.89	≤30.00	PASS
		2462	16.00	≤30.00	PASS



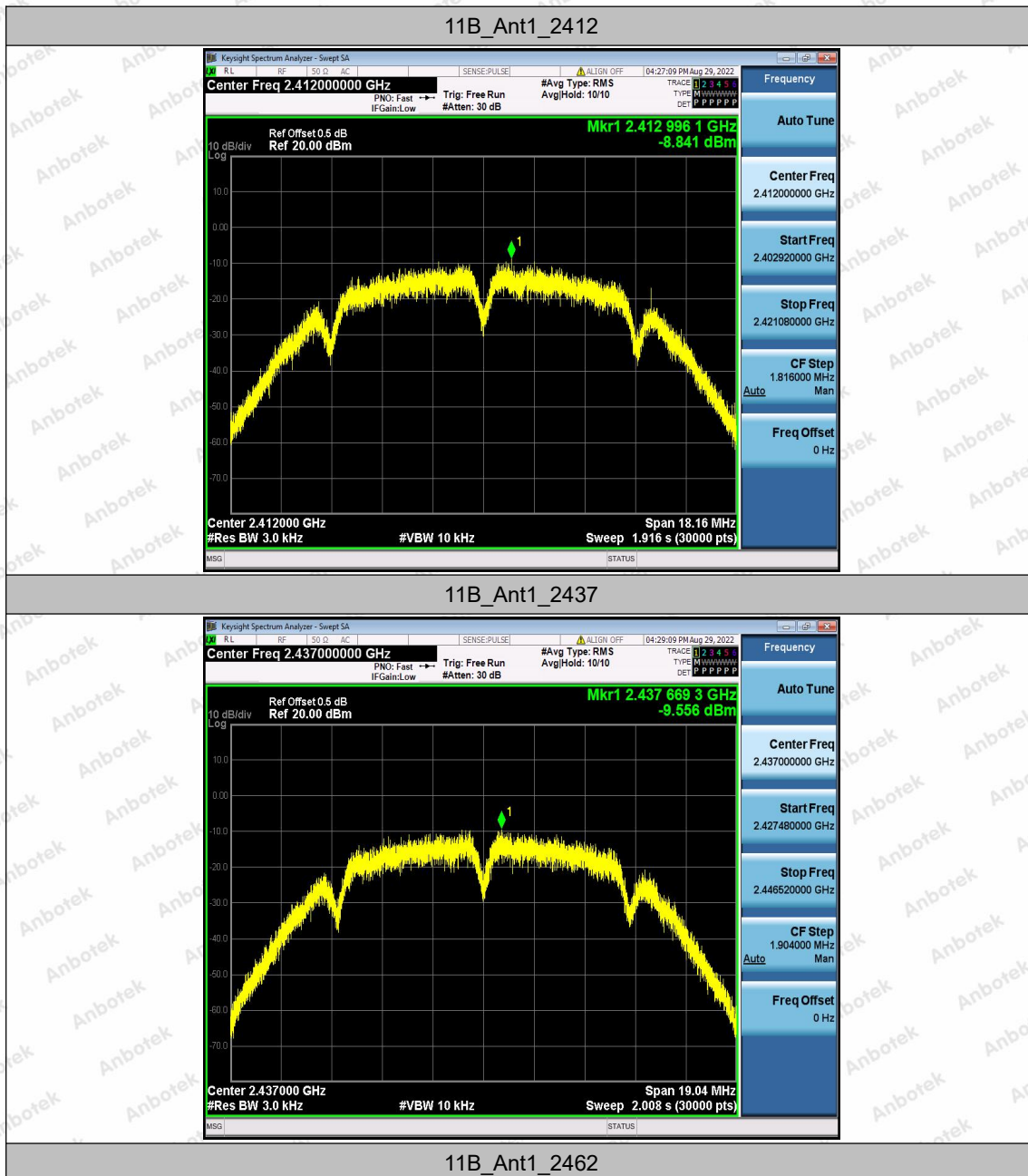
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.84	≤8.00	PASS
		2437	-9.56	≤8.00	PASS
		2462	-8.2	≤8.00	PASS
11G	Ant1	2412	-16.93	≤8.00	PASS
		2437	-15.28	≤8.00	PASS
		2462	-15.36	≤8.00	PASS
11N20SISO	Ant1	2412	-16.77	≤8.00	PASS
		2437	-16.43	≤8.00	PASS
		2462	-15.6	≤8.00	PASS



Test Graphs



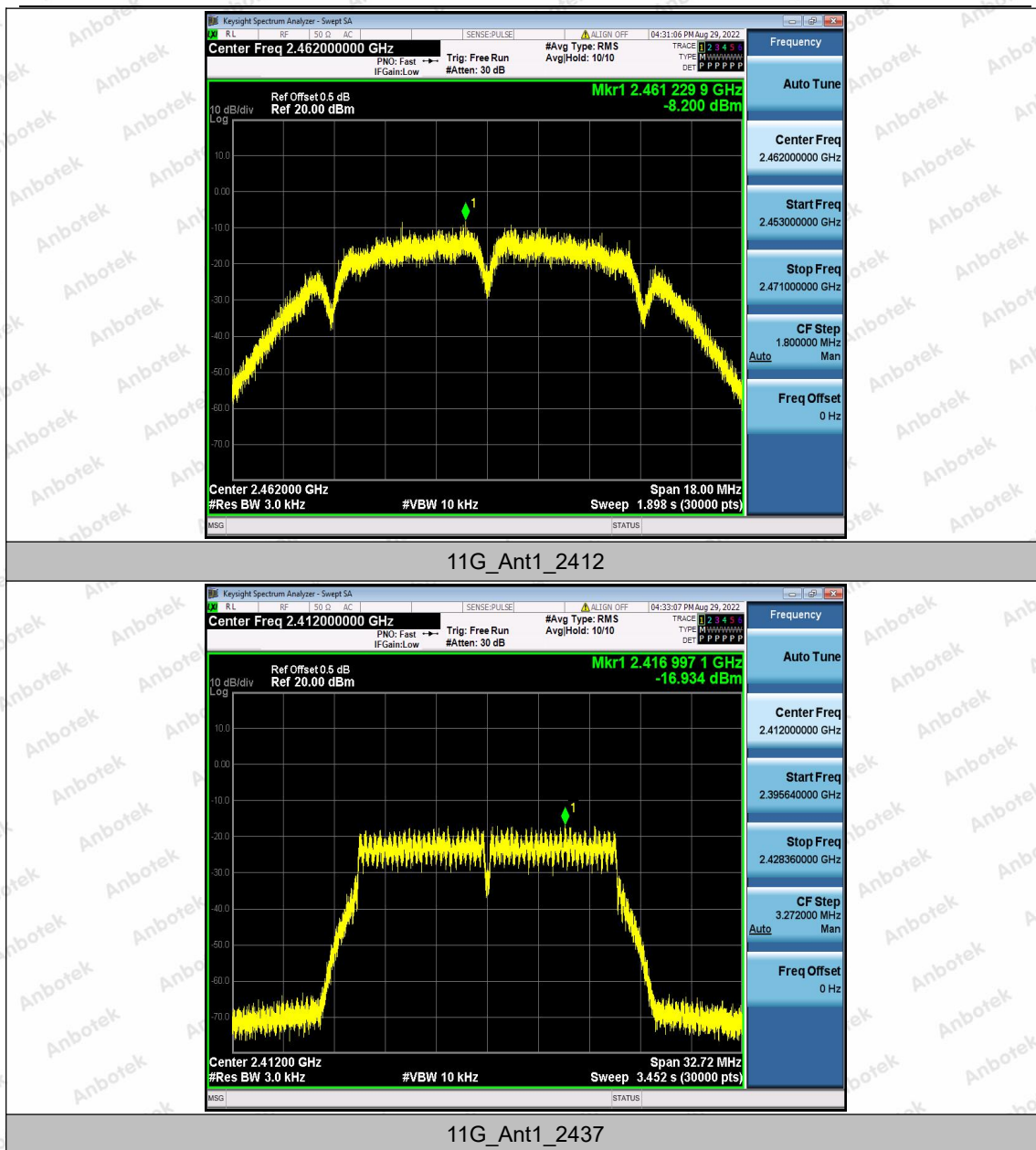
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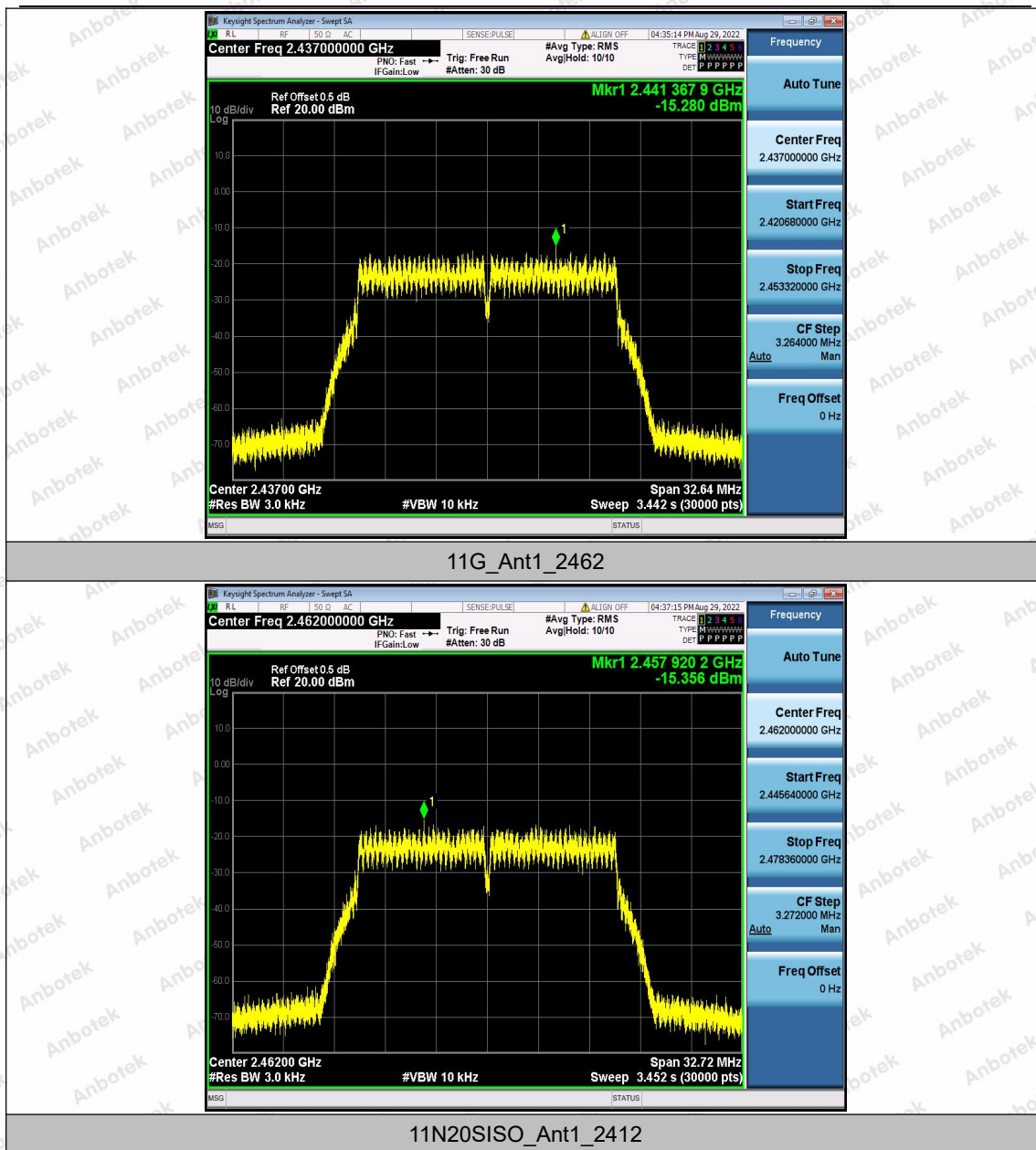
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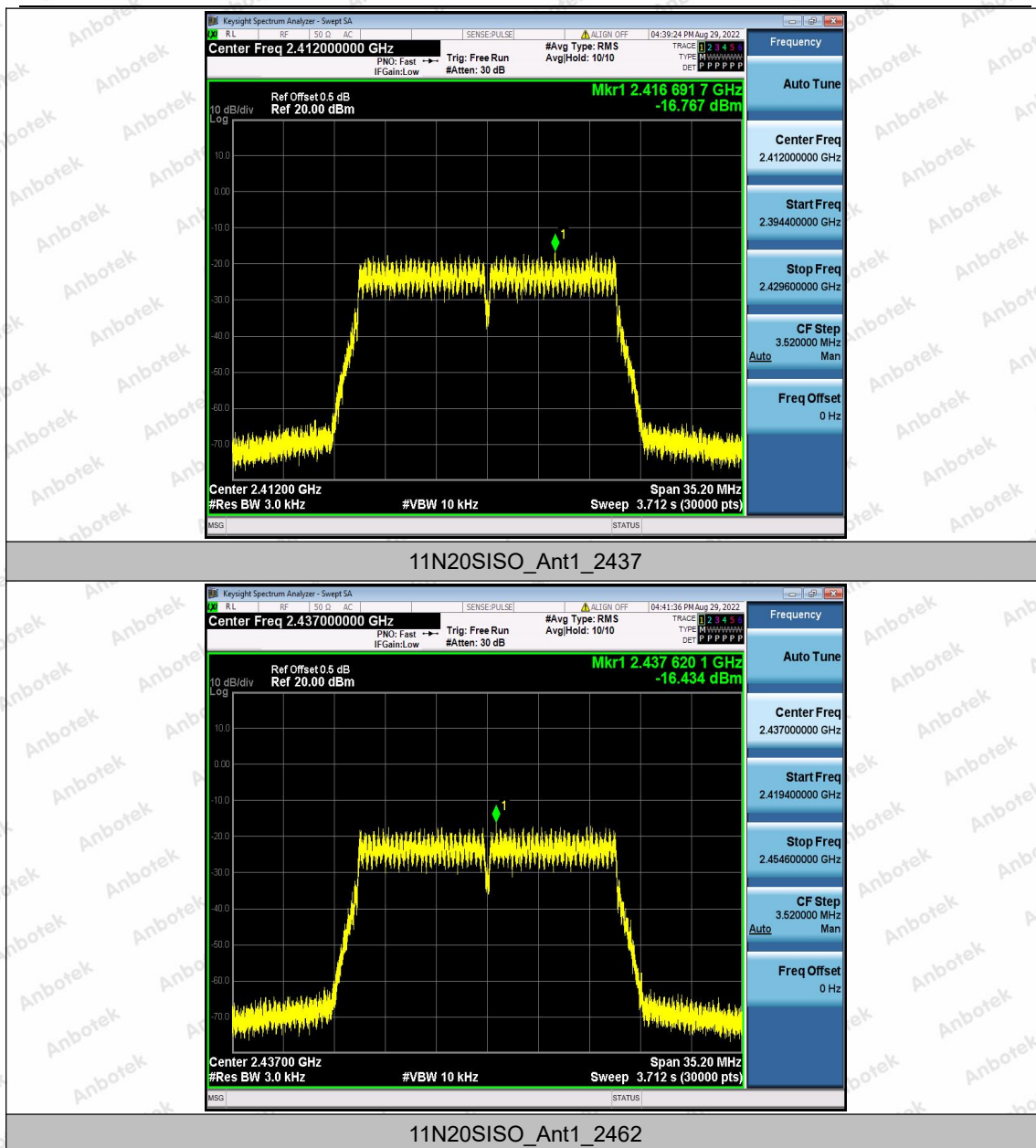
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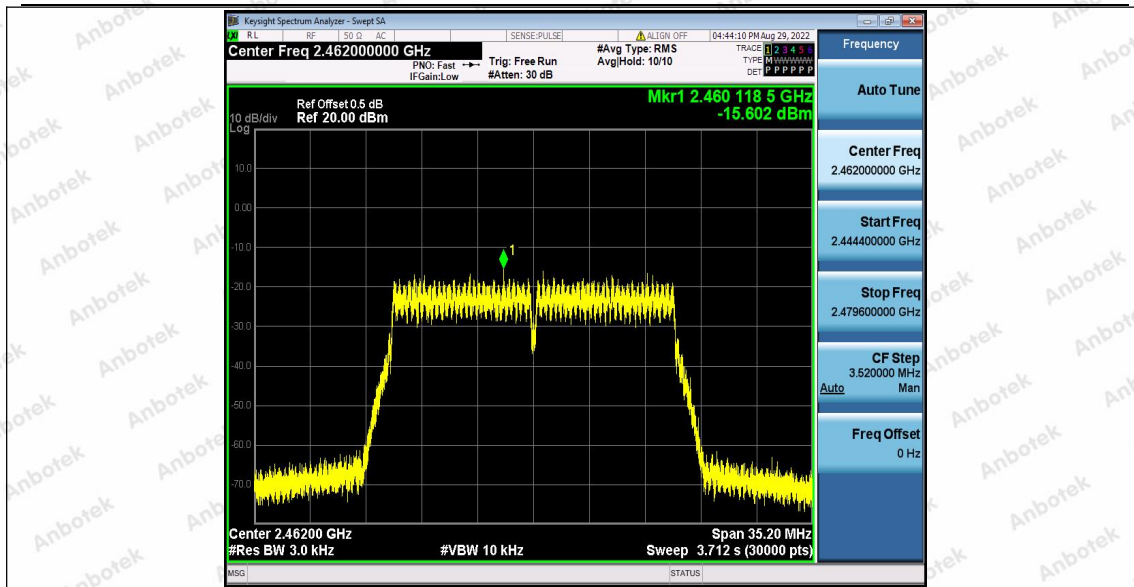
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Appendix E: Band edge measurements

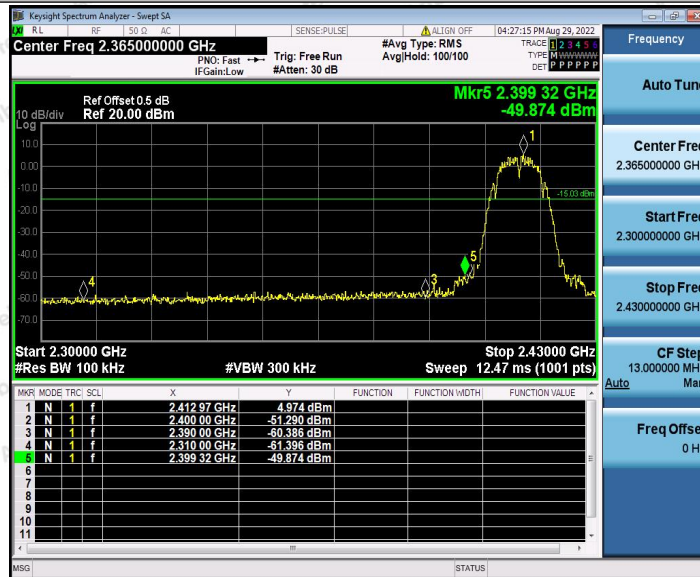
Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.97	-49.87	≤-15.03	PASS
		High	2462	4.36	-55.92	≤-15.64	PASS
11G	Ant1	Low	2412	-2.83	-48.05	≤-22.83	PASS
		High	2462	-2.63	-53.87	≤-22.63	PASS
11N20SISO	Ant1	Low	2412	-2.77	-46.3	≤-22.77	PASS
		High	2462	-2.68	-53.59	≤-22.68	PASS

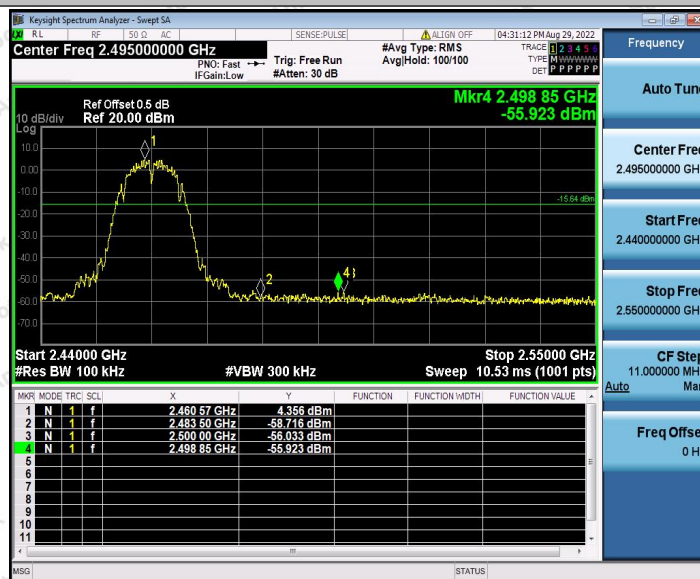


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

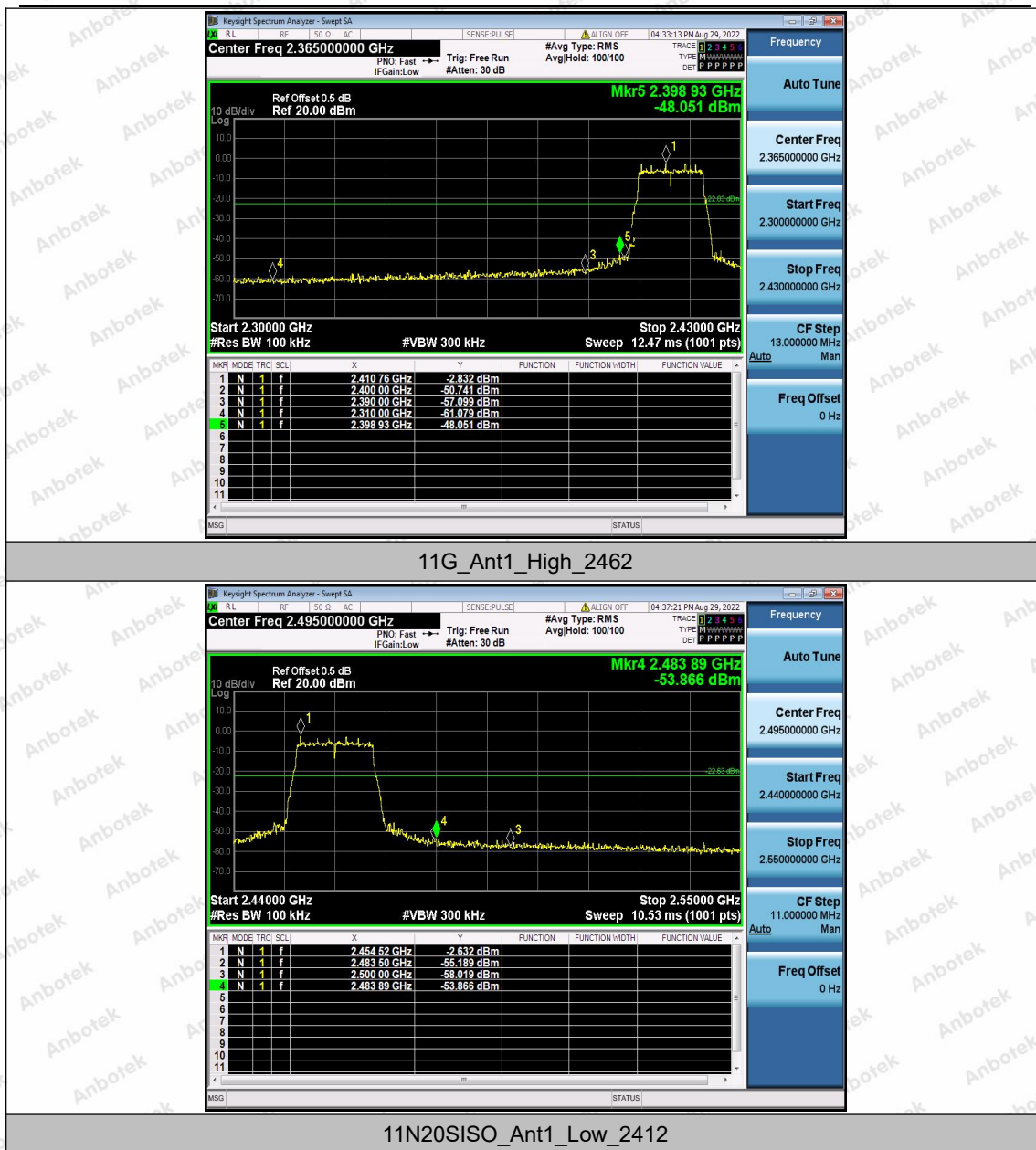
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