

Appendix Test Data

Report No.:	18220WC20244201	Test Sample No.:	1-2-2
Start Test Date:	2022.10.17	Finish Test Date:	2022.10.19
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

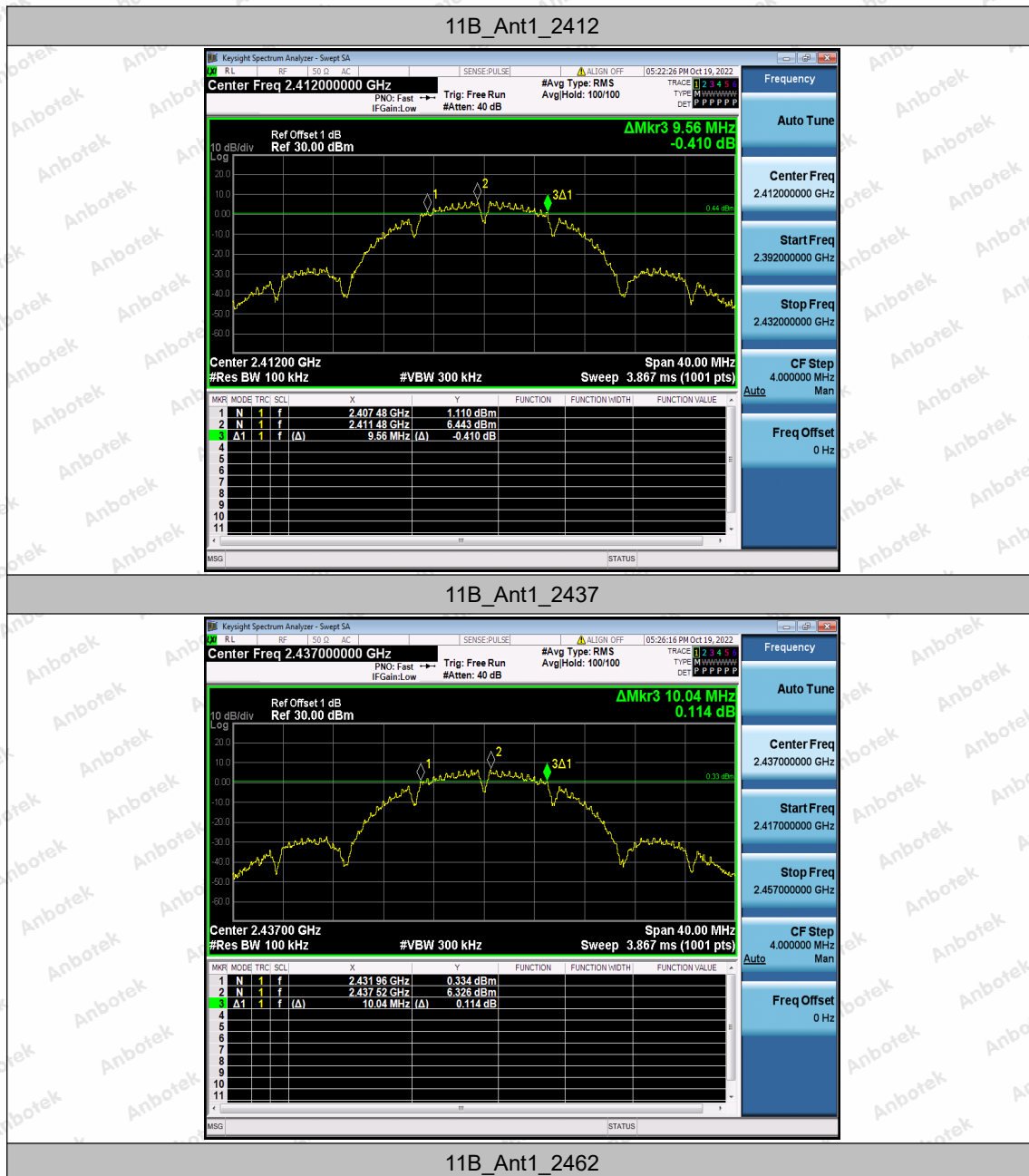
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.480	2417.040	≥0.5	PASS
		2437	10.040	2431.960	2442.000	≥0.5	PASS
		2462	10.080	2456.960	2467.040	≥0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	≥0.5	PASS
		2437	16.360	2428.800	2445.160	≥0.5	PASS
		2462	16.320	2453.840	2470.160	≥0.5	PASS
11N20	Ant1	2412	17.560	2403.240	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
11N40	Ant1	2422	35.640	2404.120	2439.760	≥0.5	PASS
		2437	36.300	2418.880	2455.180	≥0.5	PASS
		2452	35.280	2434.480	2469.760	≥0.5	PASS



Test Graphs



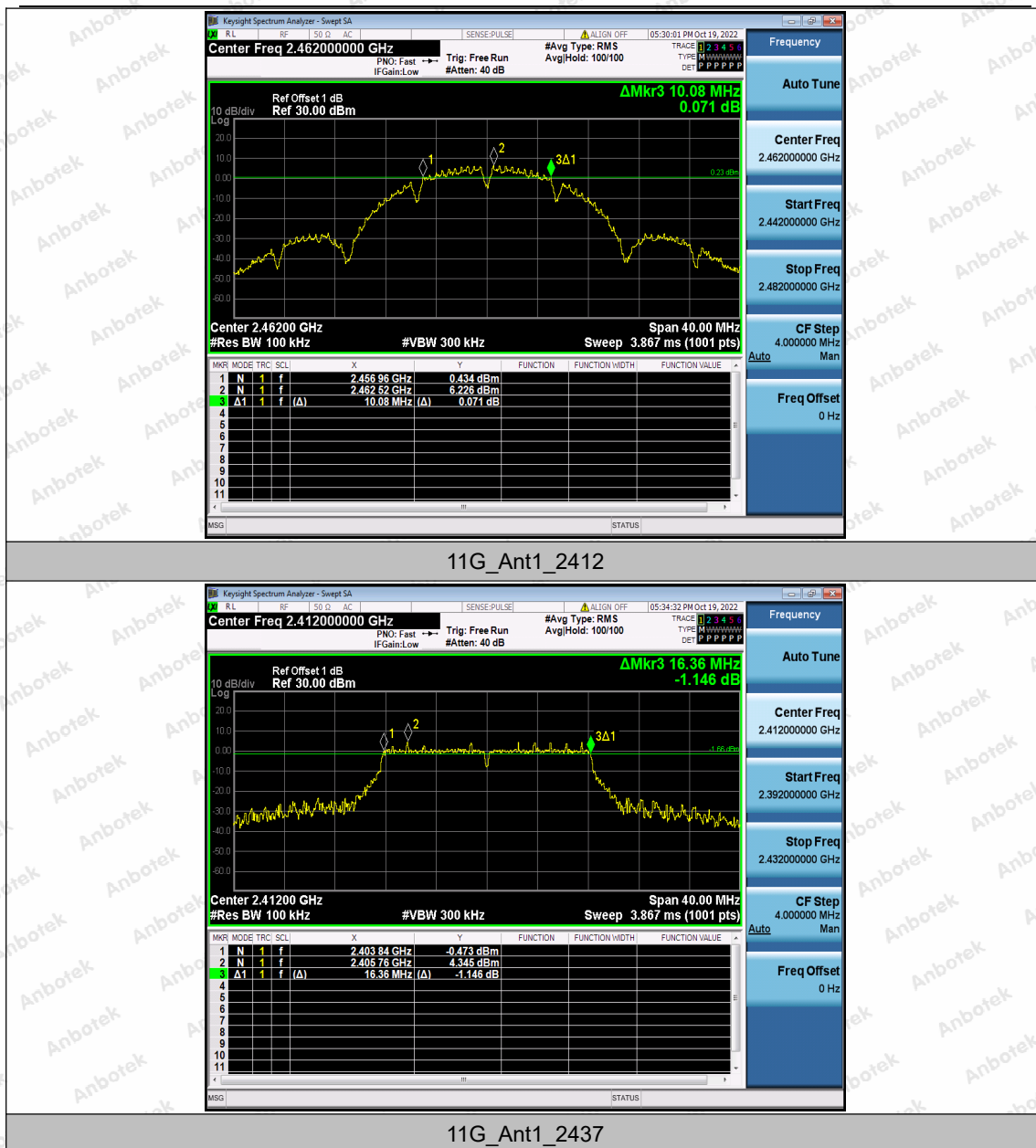
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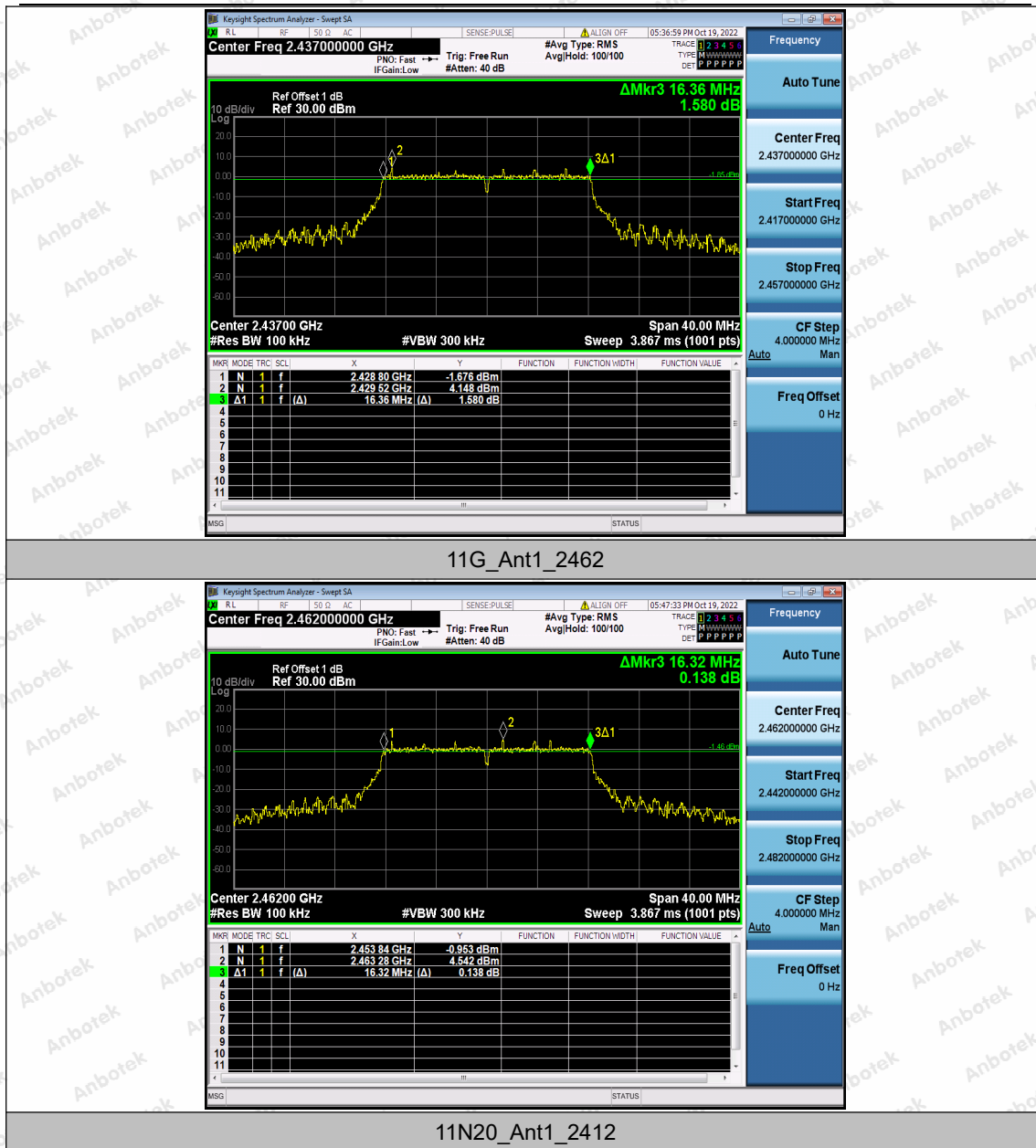
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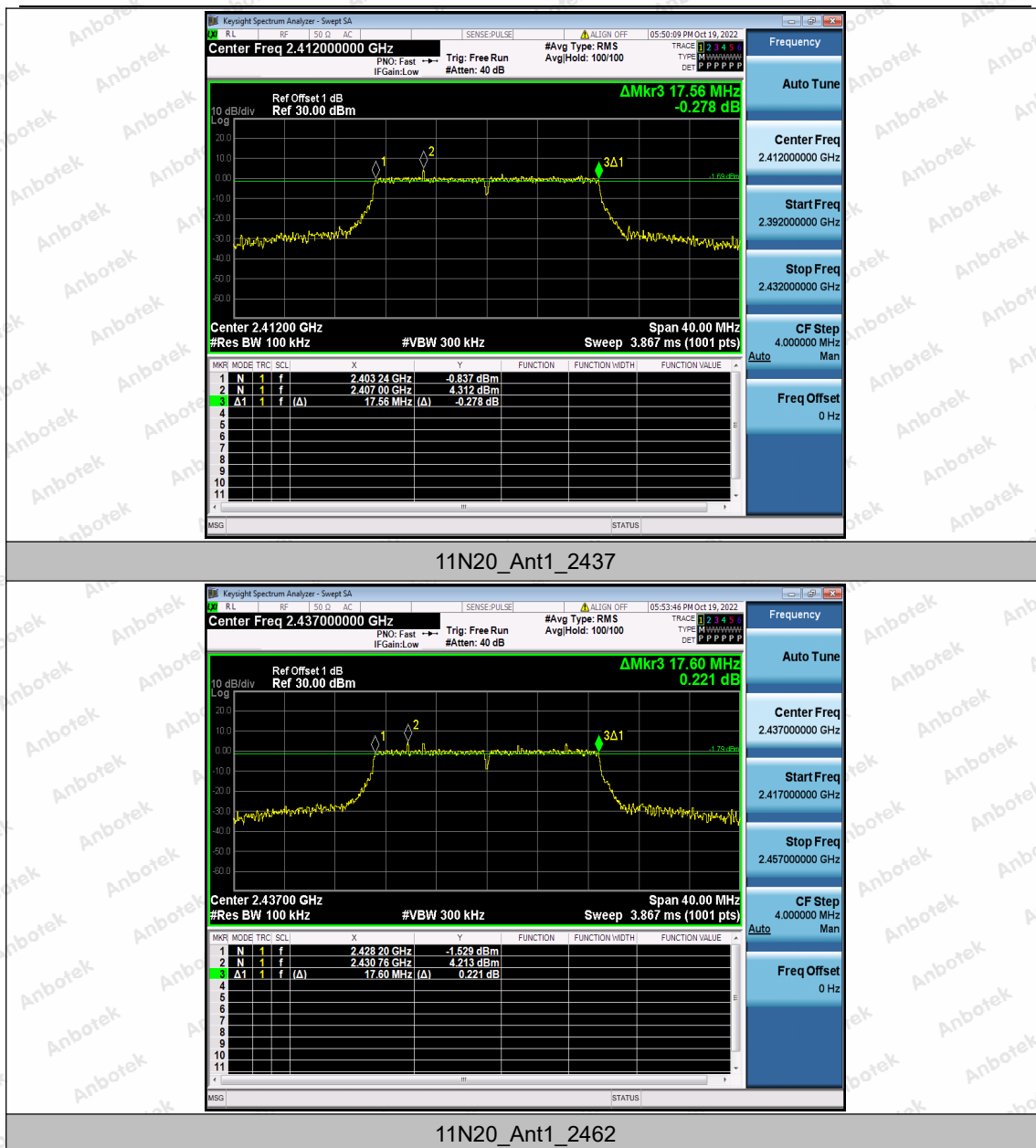
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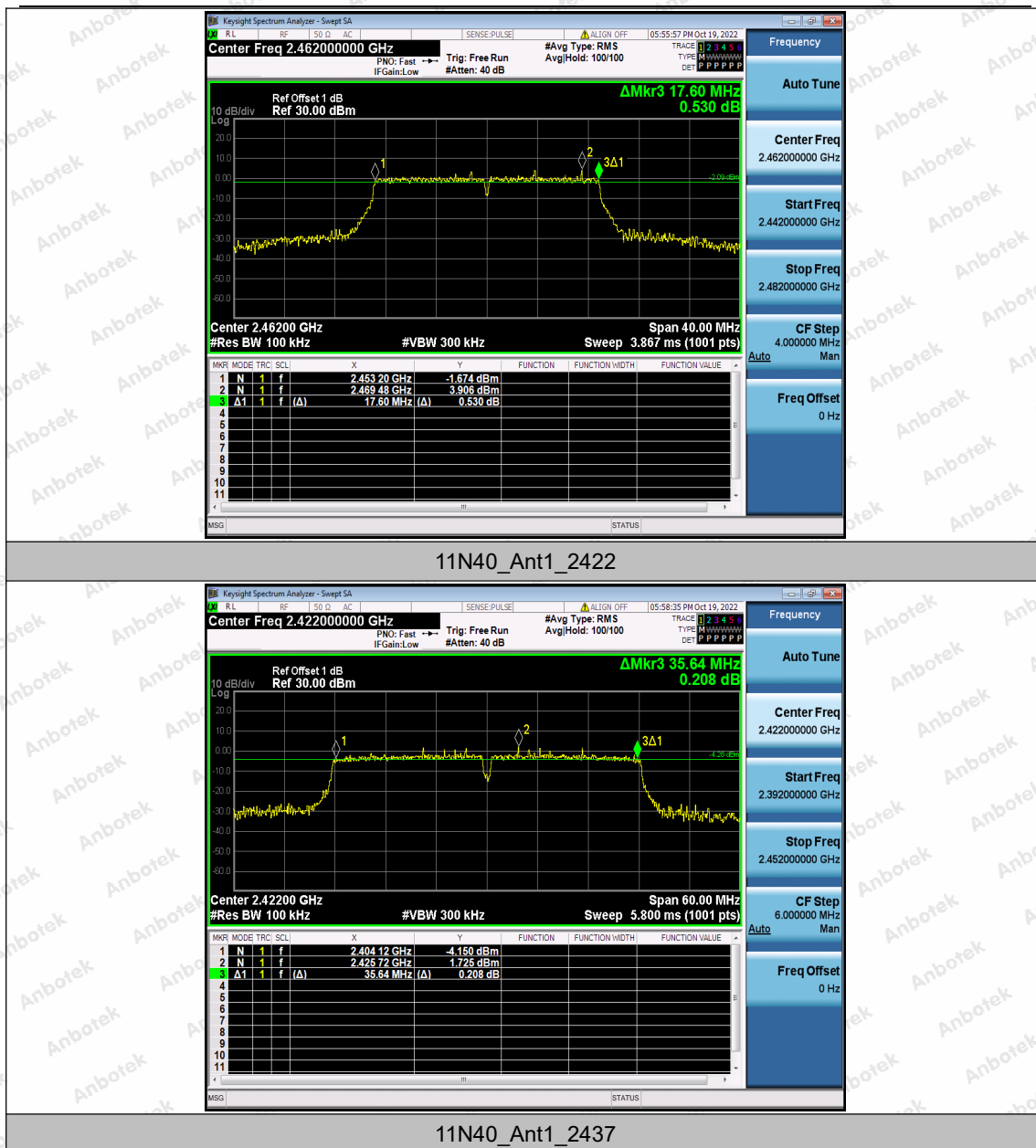
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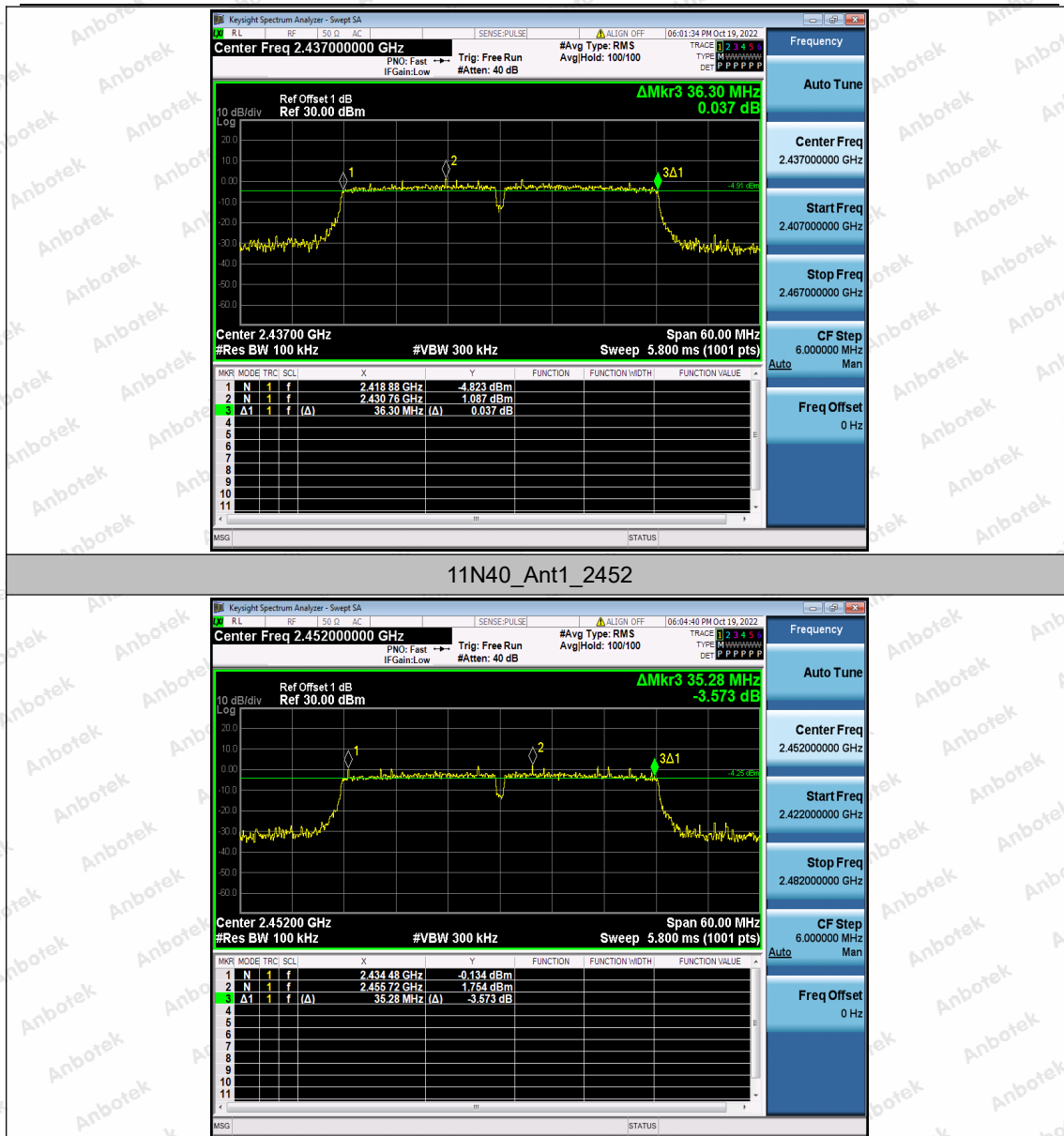
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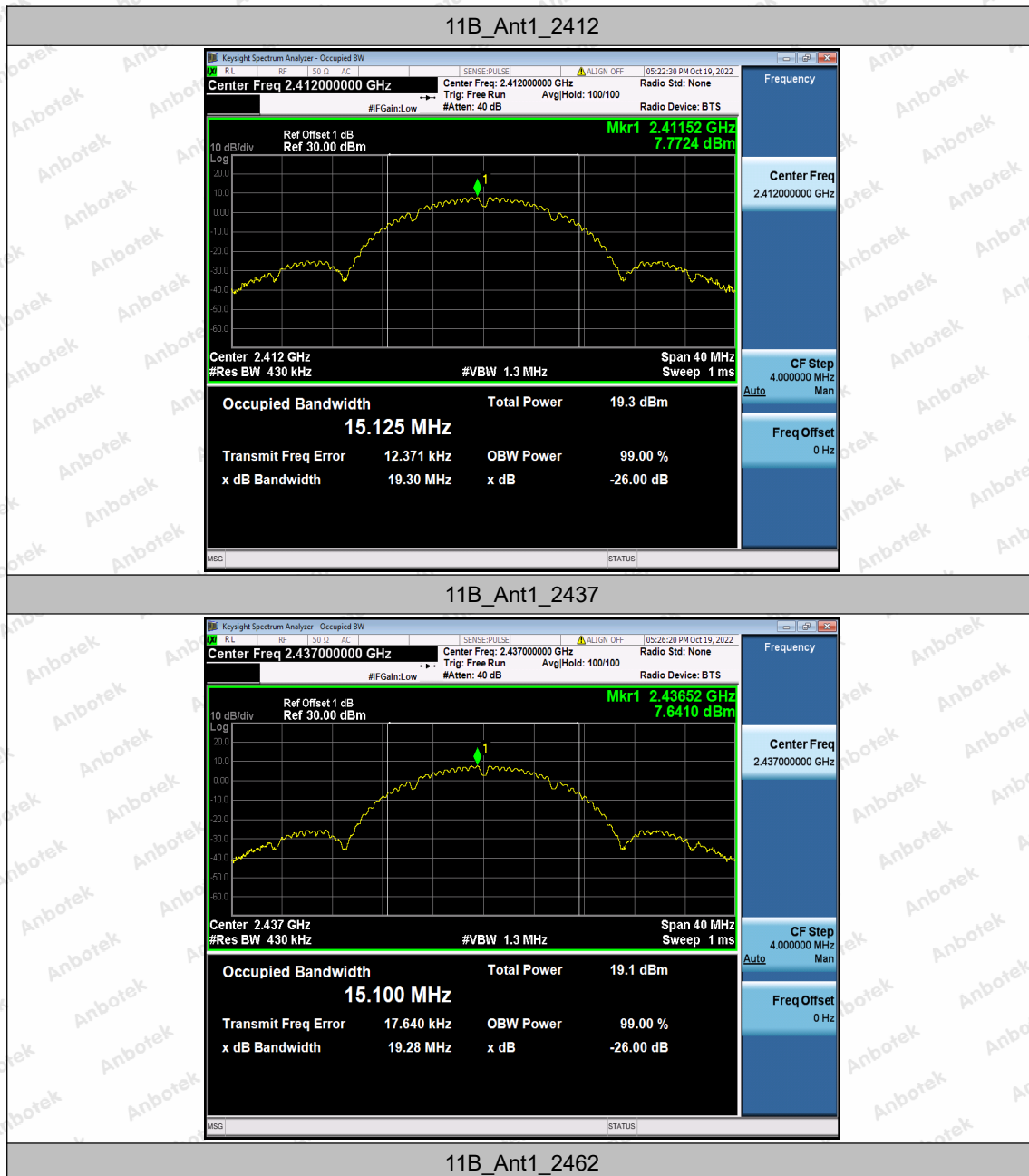
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	15.125	2404.4499	2419.5749
		2437	15.100	2429.4676	2444.5676
		2462	15.099	2454.4727	2469.5717
11G	Ant1	2412	17.402	2403.2580	2420.6600
		2437	17.362	2428.3524	2445.7144
		2462	17.359	2453.3031	2470.6621
11N20	Ant1	2412	18.326	2402.8418	2421.1678
		2437	18.270	2427.8922	2446.1622
		2462	18.322	2452.8793	2471.2013
11N40	Ant1	2422	36.386	2403.8421	2440.2281
		2437	36.339	2418.8691	2455.2081
		2452	36.317	2433.8955	2470.2125



Test Graphs



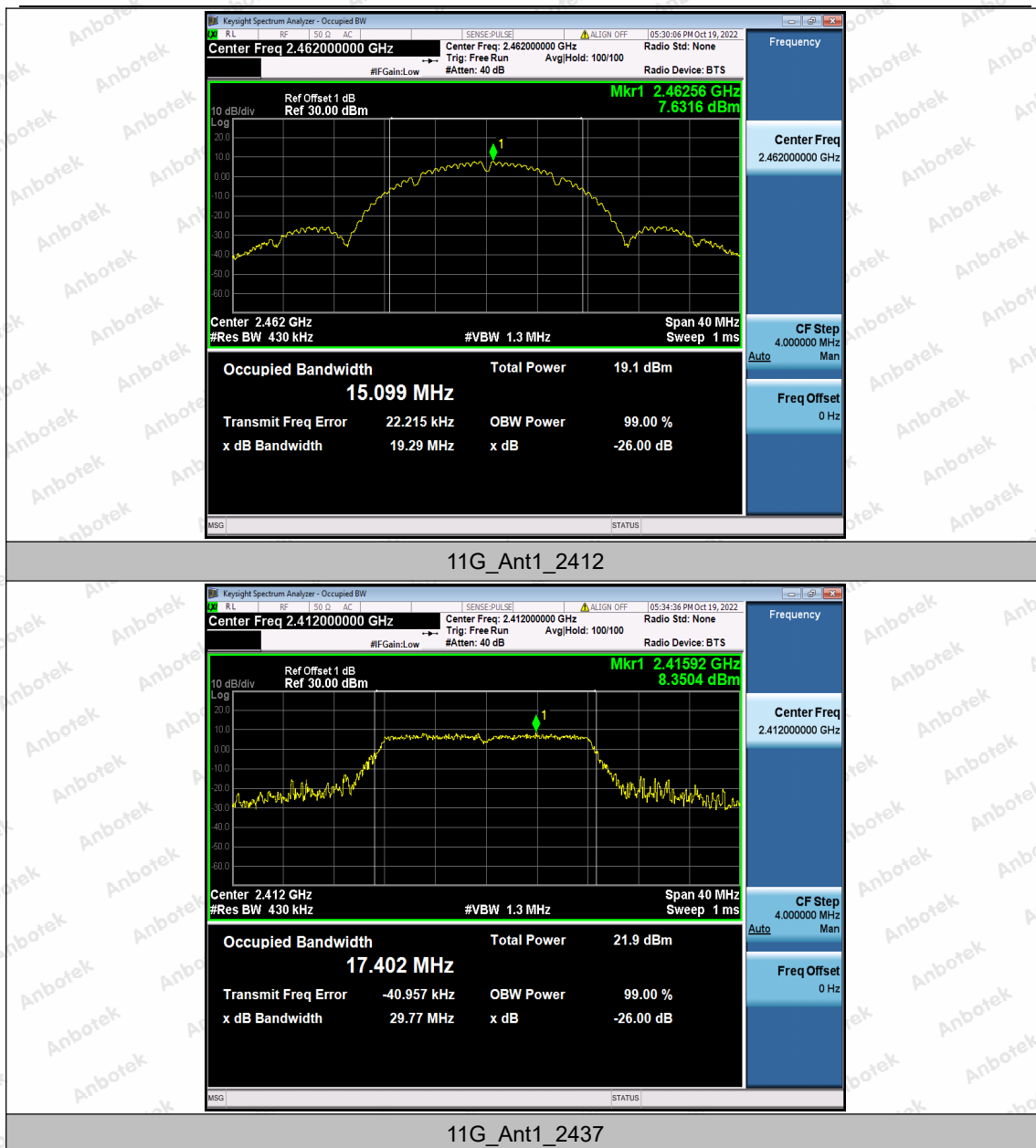
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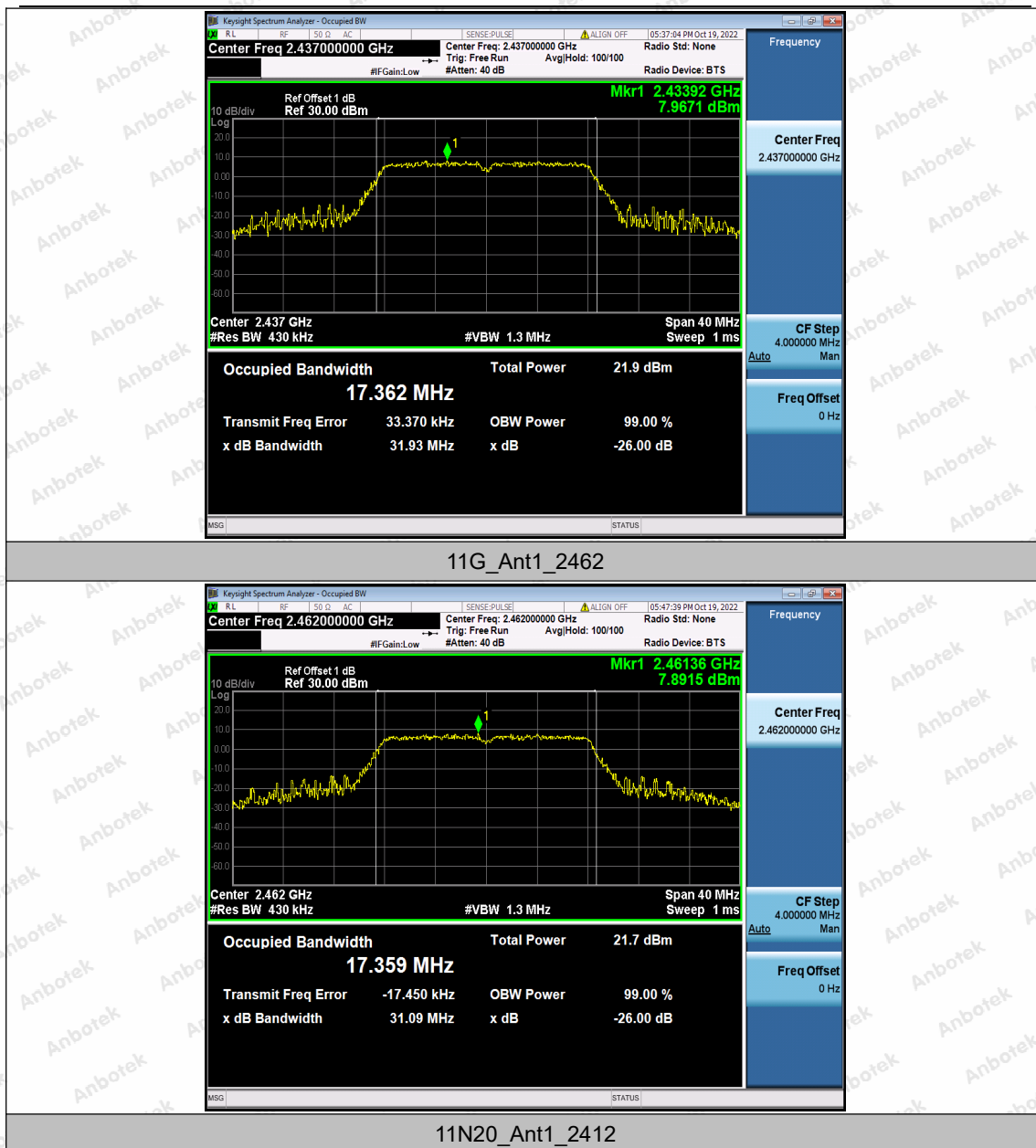
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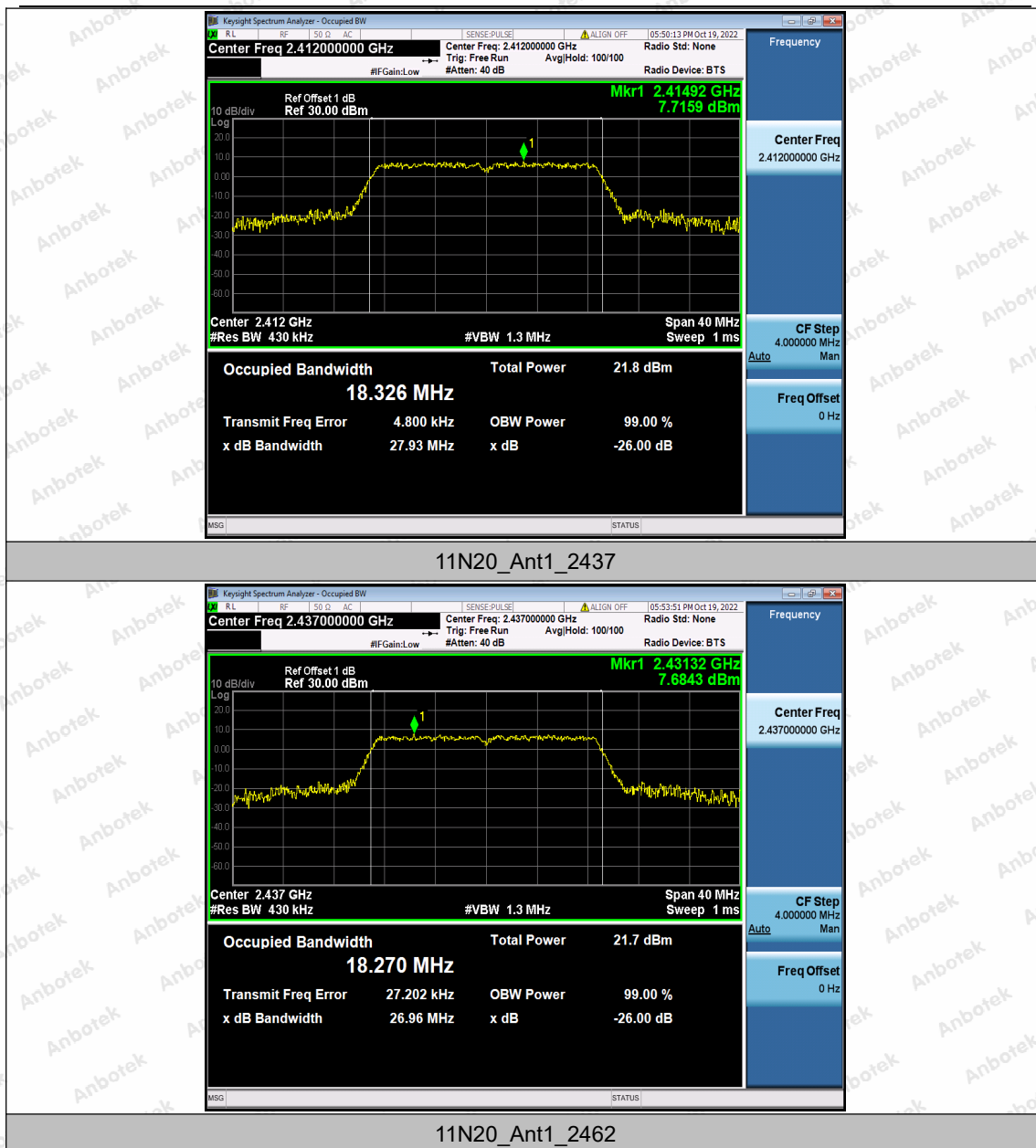
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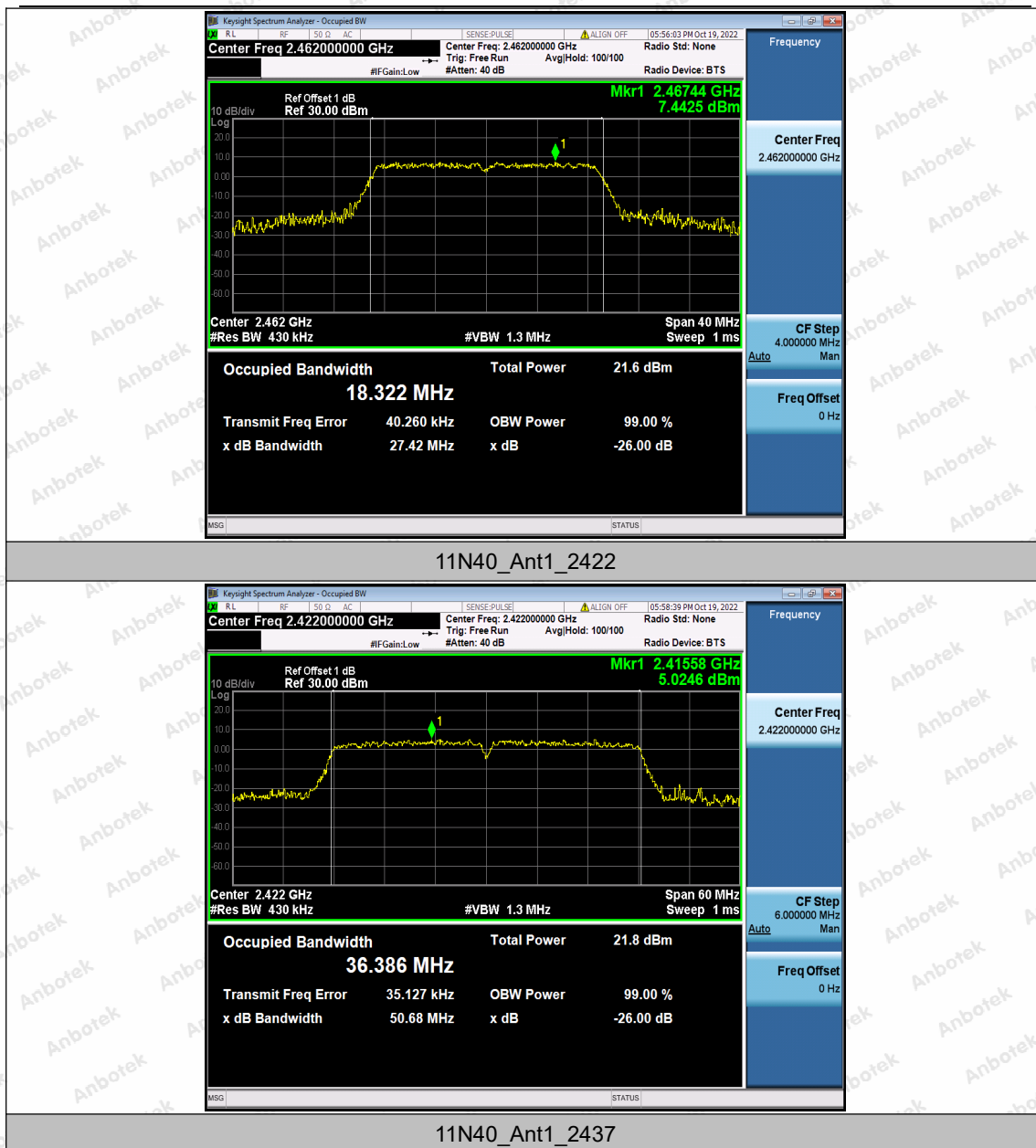
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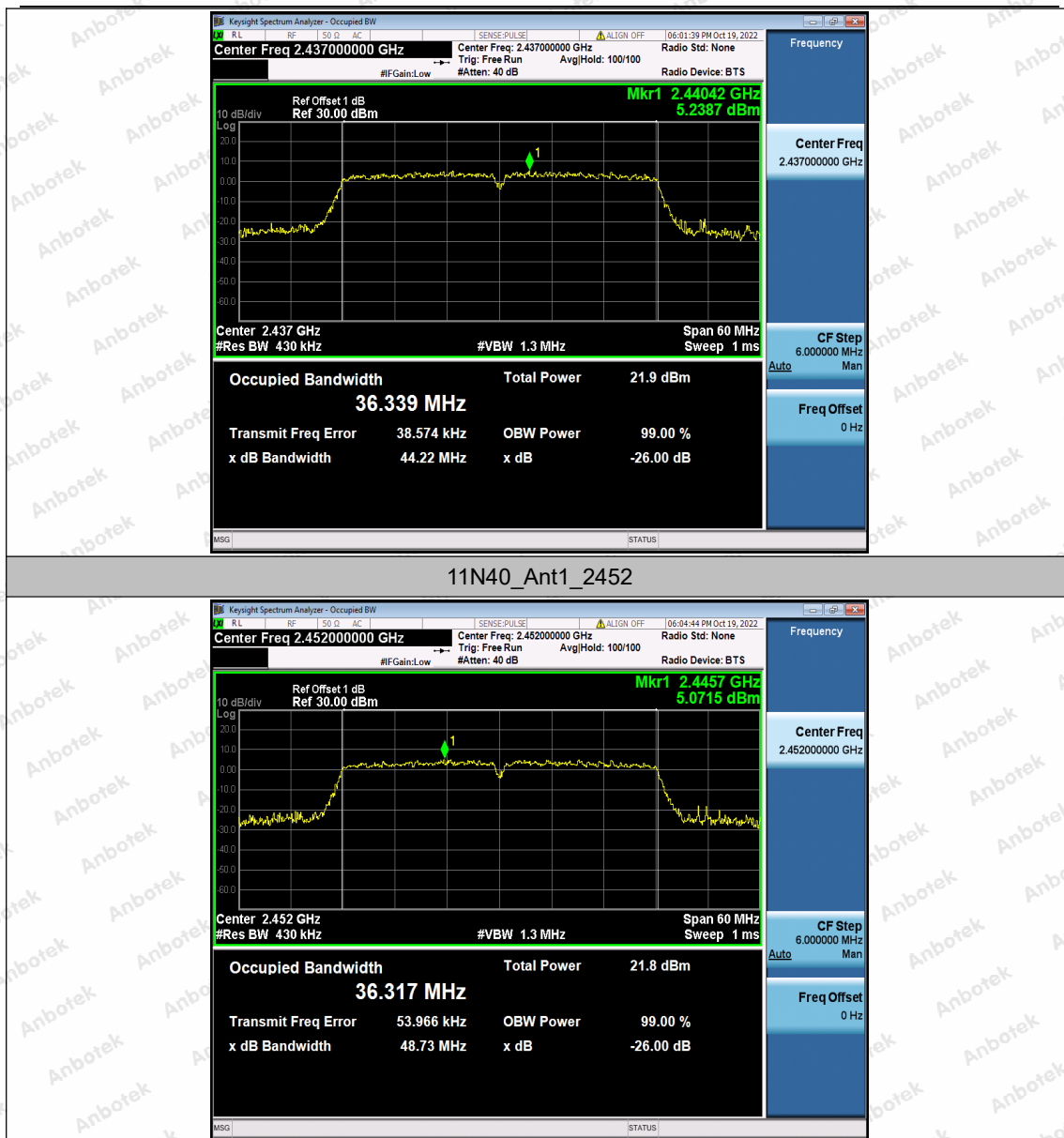
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	19.23	≤30.00
		2437	19.11	≤30.00
		2462	19.11	≤30.00
11G	Ant1	2412	23.04	≤30.00
		2437	23.09	≤30.00
		2462	22.94	≤30.00
11N20	Ant1	2412	22.87	≤30.00
		2437	22.89	≤30.00
		2462	22.92	≤30.00
11N40	Ant1	2422	20.72	≤30.00
		2437	20.71	≤30.00
		2452	20.71	≤30.00



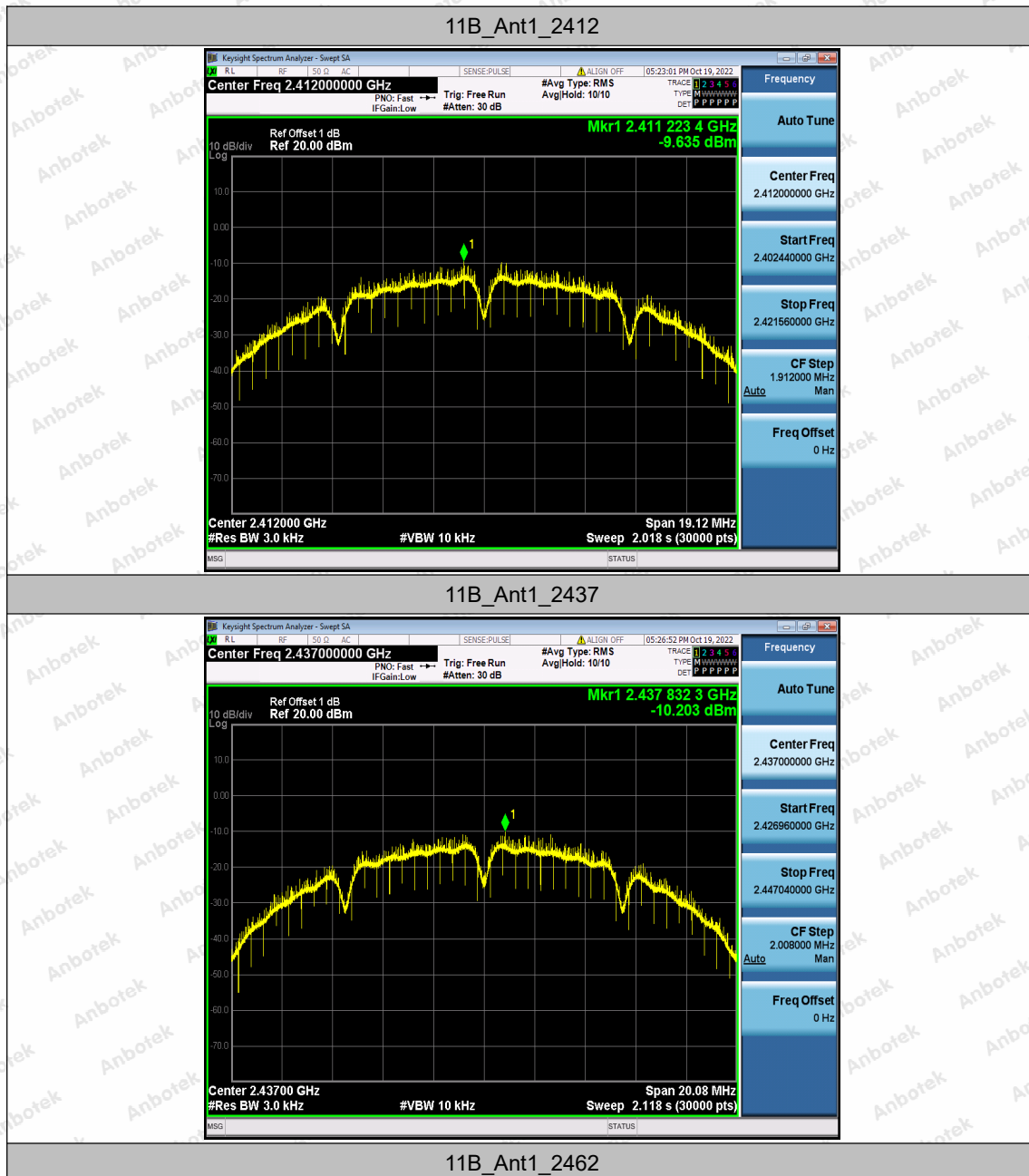
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.64	≤8.00	PASS
		2437	-10.2	≤8.00	PASS
		2462	-10.1	≤8.00	PASS
11G	Ant1	2412	-11.31	≤8.00	PASS
		2437	-10.72	≤8.00	PASS
		2462	-11.17	≤8.00	PASS
11N20	Ant1	2412	-11.15	≤8.00	PASS
		2437	-11.82	≤8.00	PASS
		2462	-11.67	≤8.00	PASS
11N40	Ant1	2422	-13.82	≤8.00	PASS
		2437	-14.23	≤8.00	PASS
		2452	-12.34	≤8.00	PASS



Test Graphs



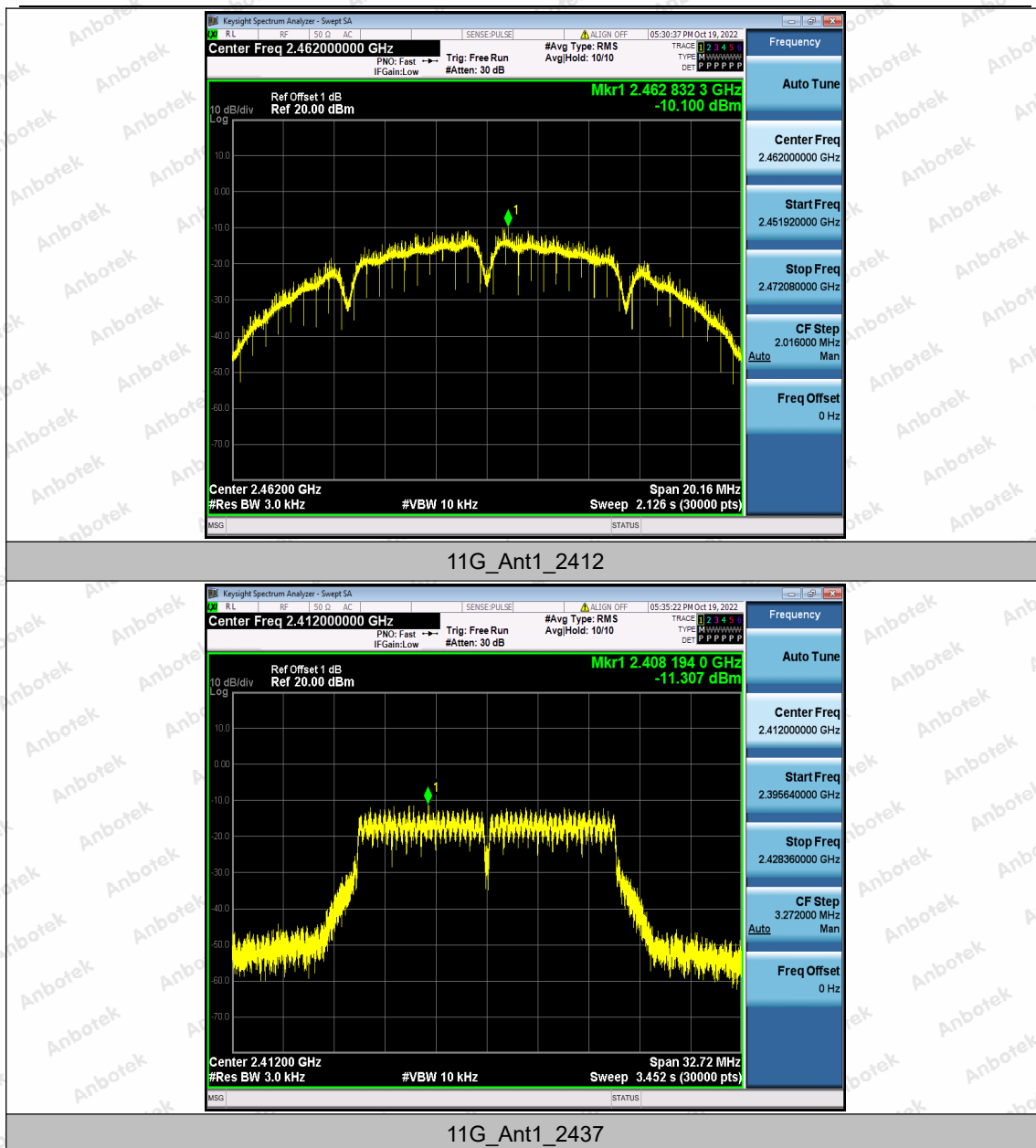
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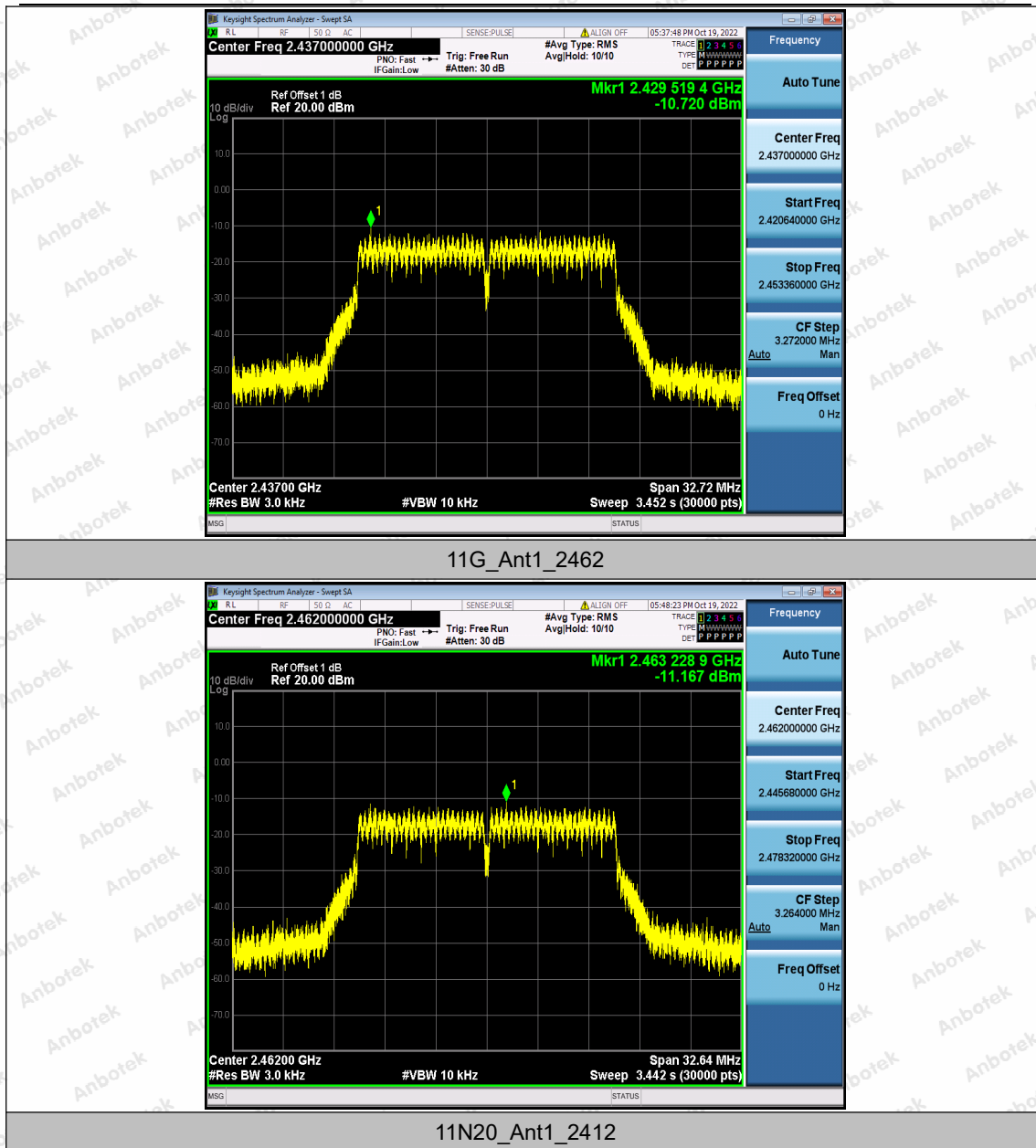
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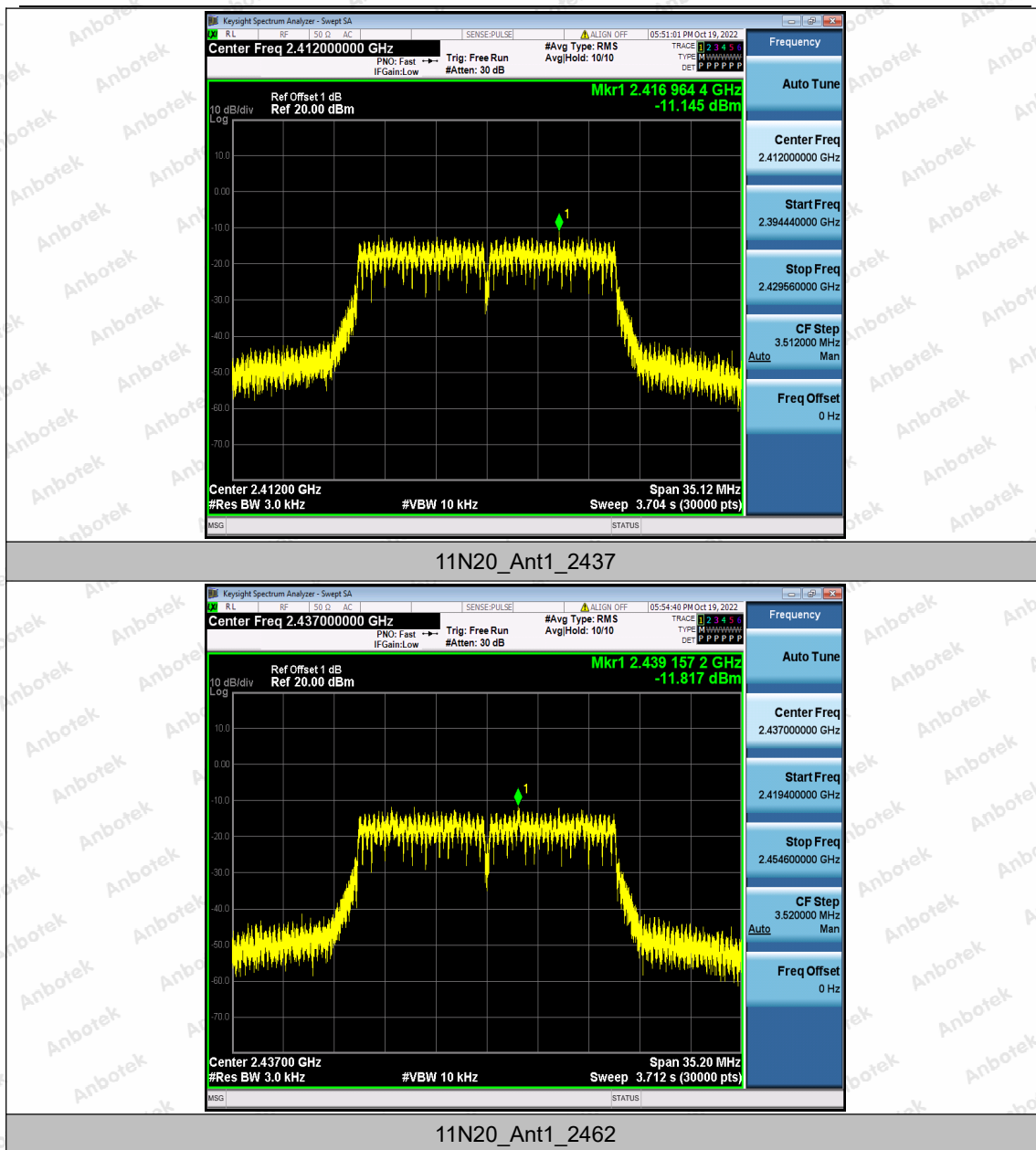
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