

TEST REPORT

Appendix A: Test results

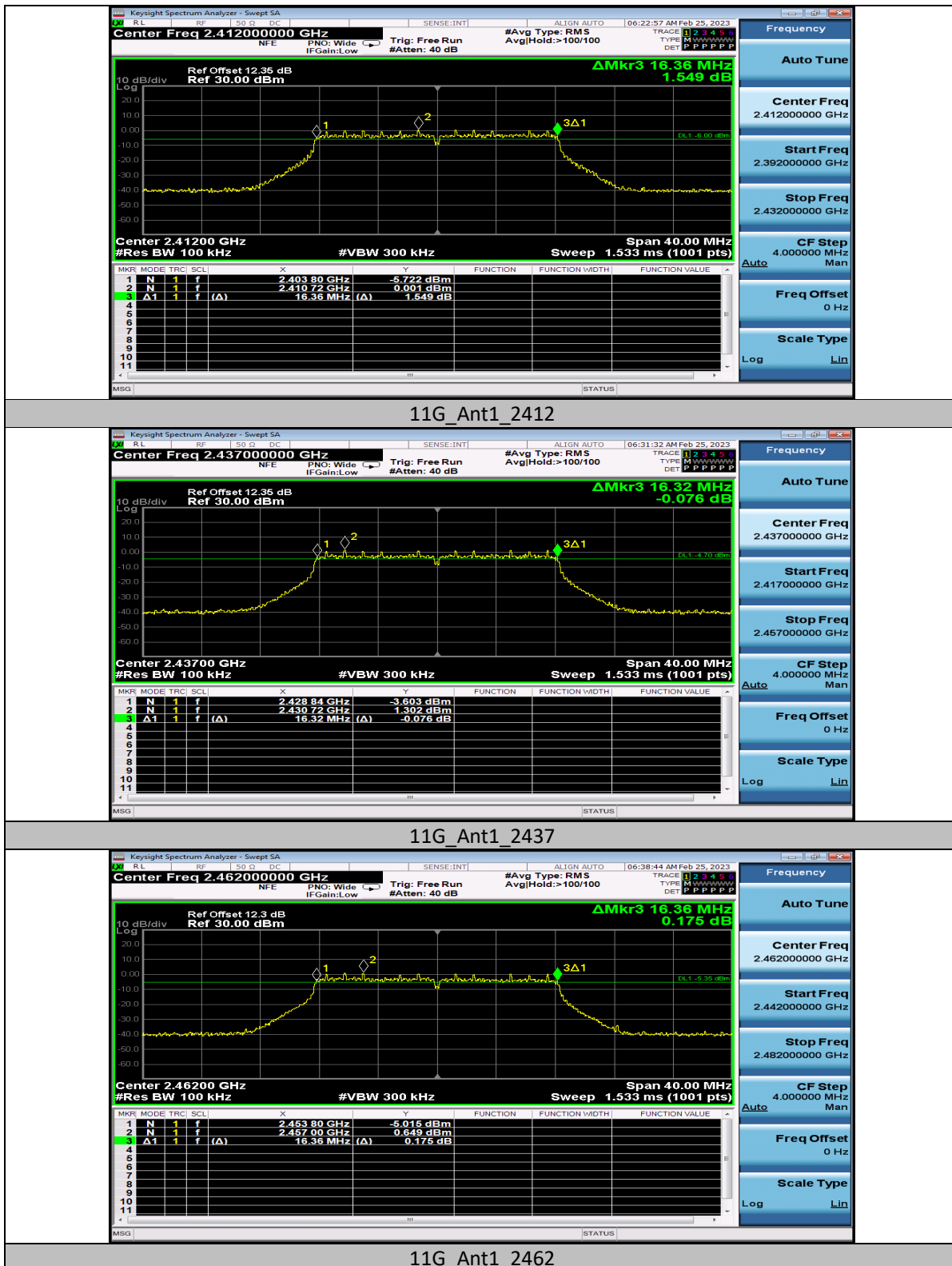
DTS Bandwidth

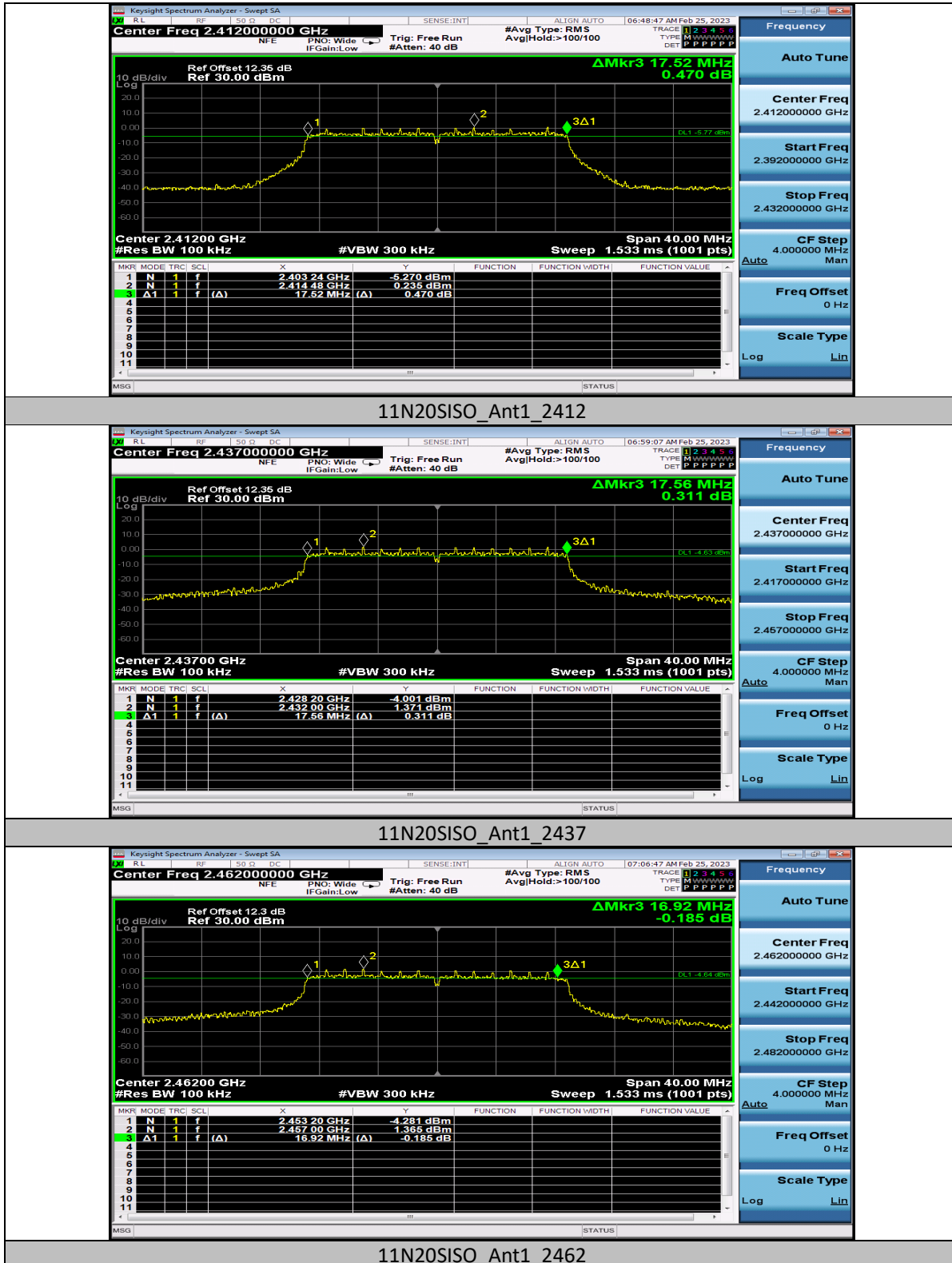
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	9.040	2457.480	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	16.920	2453.200	2470.120	0.5	PASS
11N40SISO	Ant1	2422	35.680	2403.840	2439.520	0.5	PASS
		2437	35.760	2418.840	2454.600	0.5	PASS
		2452	34.400	2434.080	2468.480	0.5	PASS

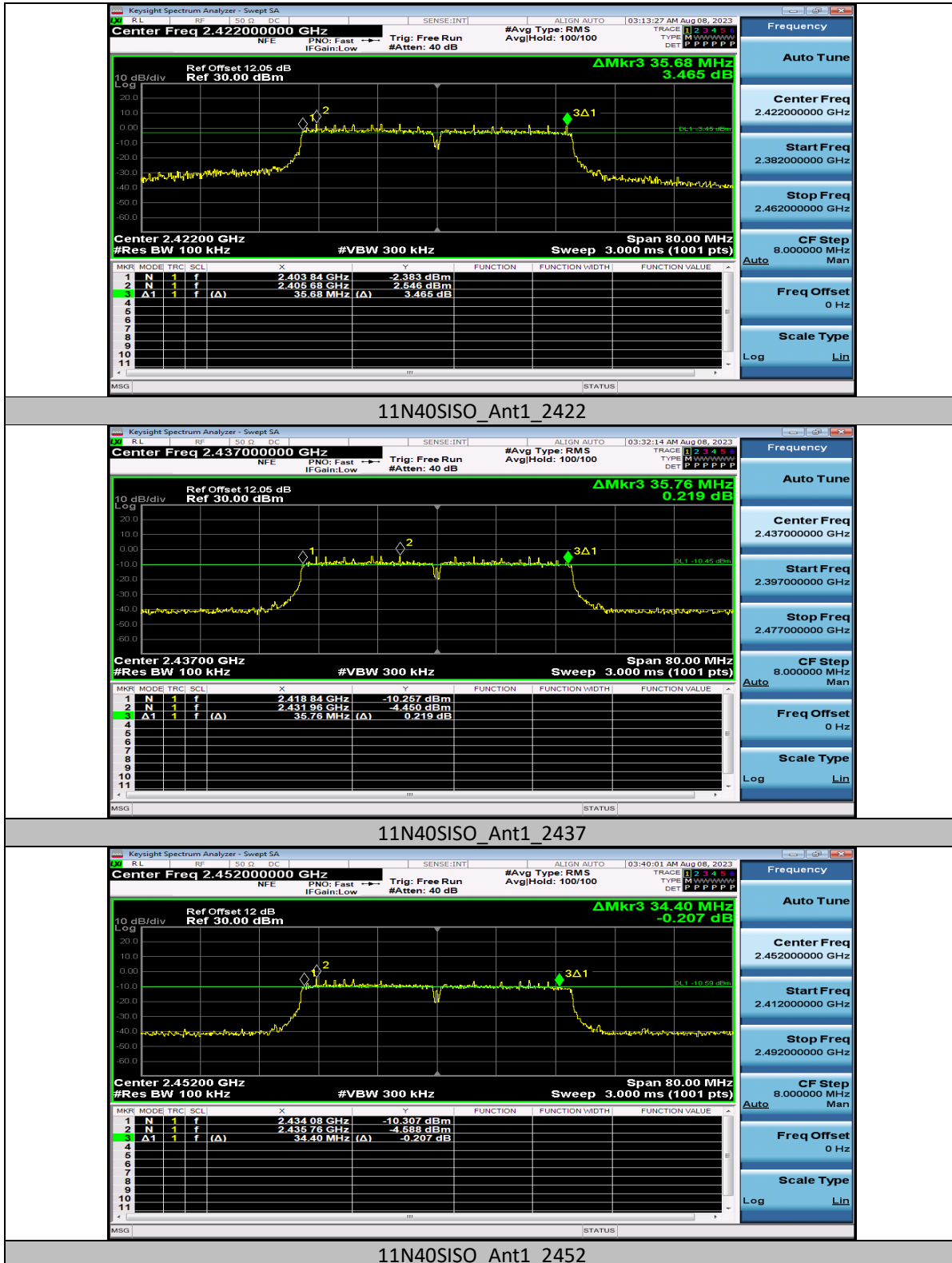
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Test Graphs







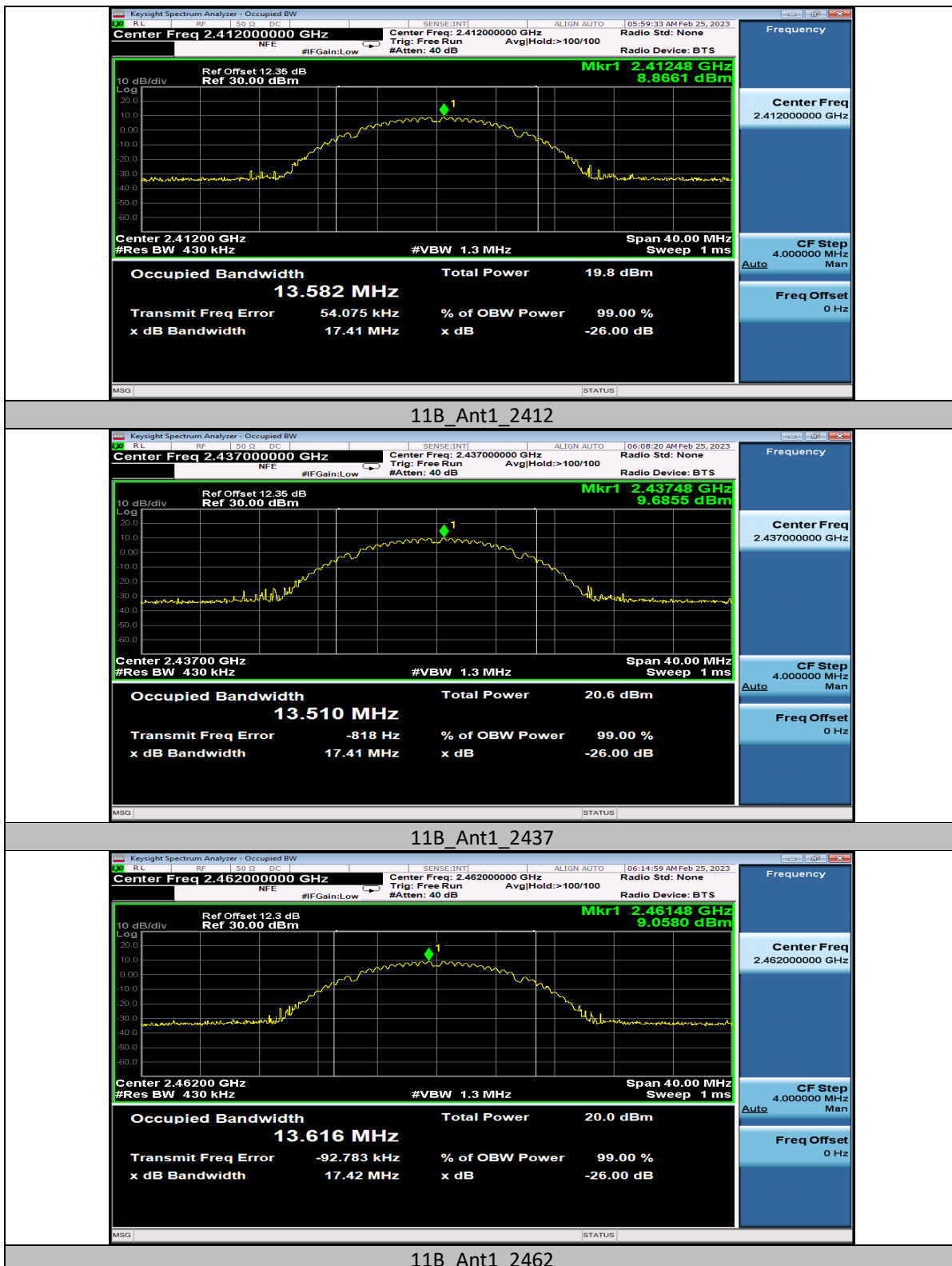


Occupied Channel Bandwidth

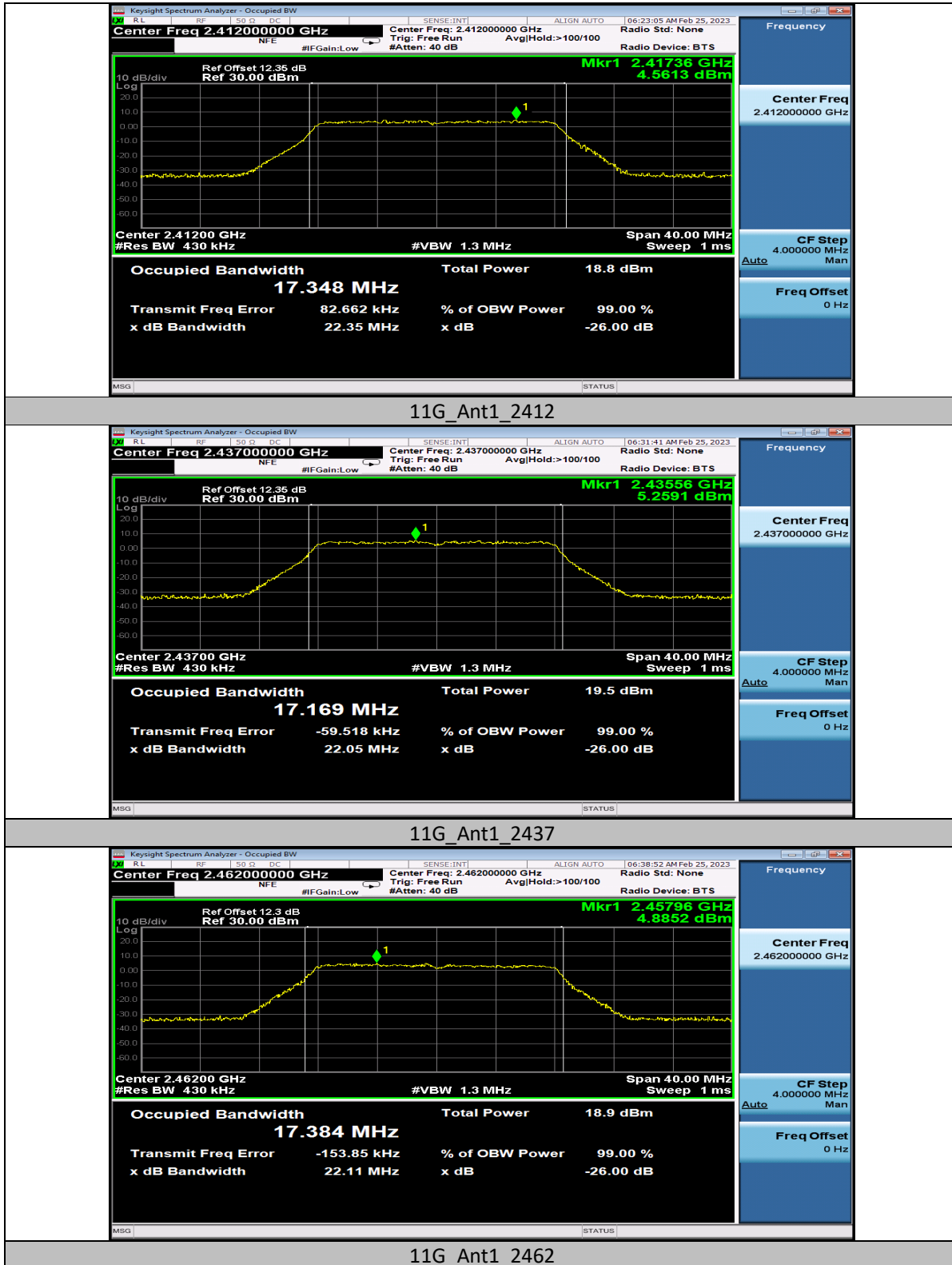
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.562	---	---
		2437	13.504	---	---
		2462	13.601	---	---
11G	Ant1	2412	17.322	---	---
		2437	17.164	---	---
		2462	17.352	---	---
11N20SISO	Ant1	2412	18.155	---	---
		2437	18.521	---	---
		2462	18.377	---	---
11N40SISO	Ant1	2422	36.684	---	---
		2437	36.337	---	---
		2452	36.425	---	---

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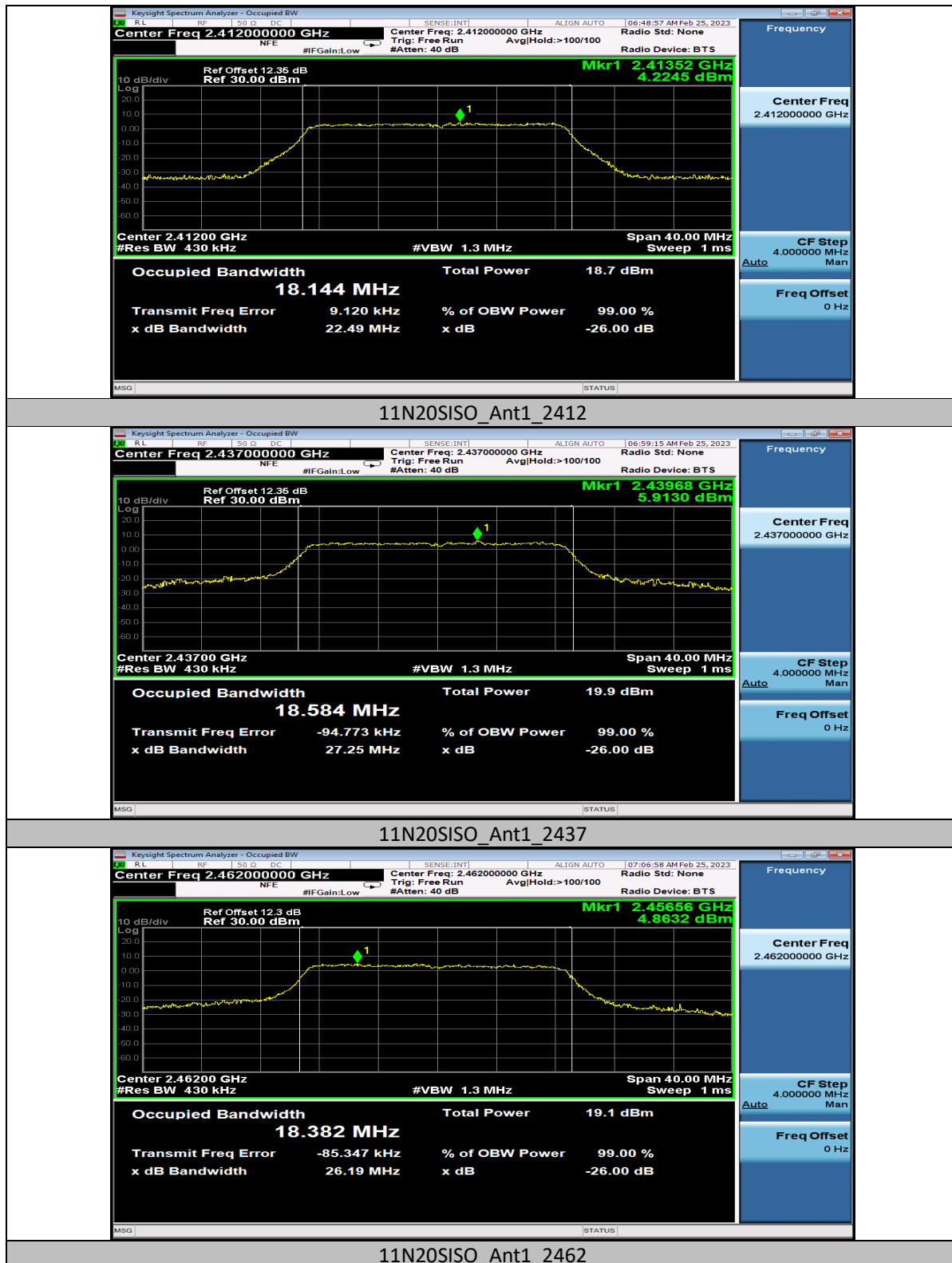
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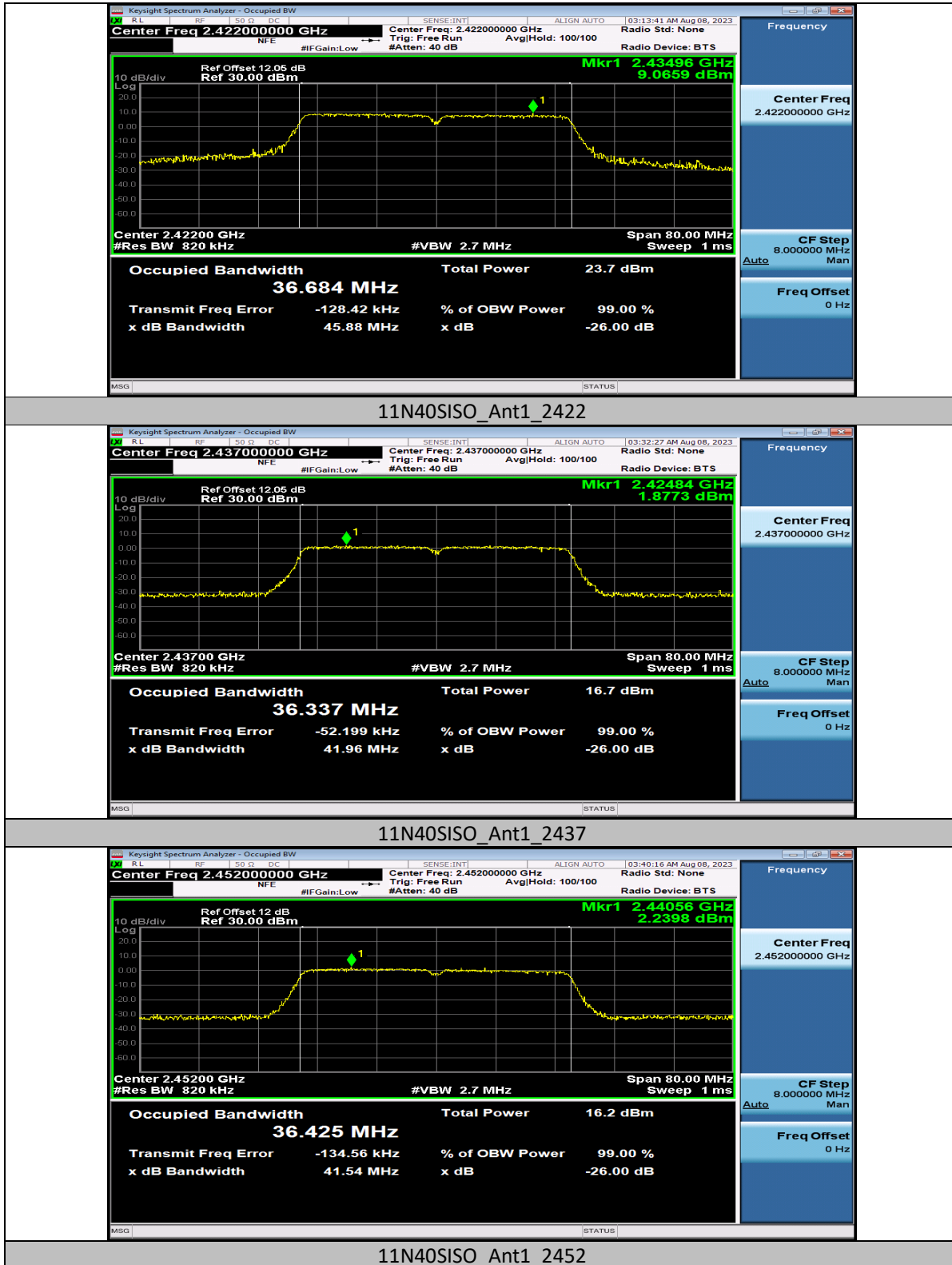
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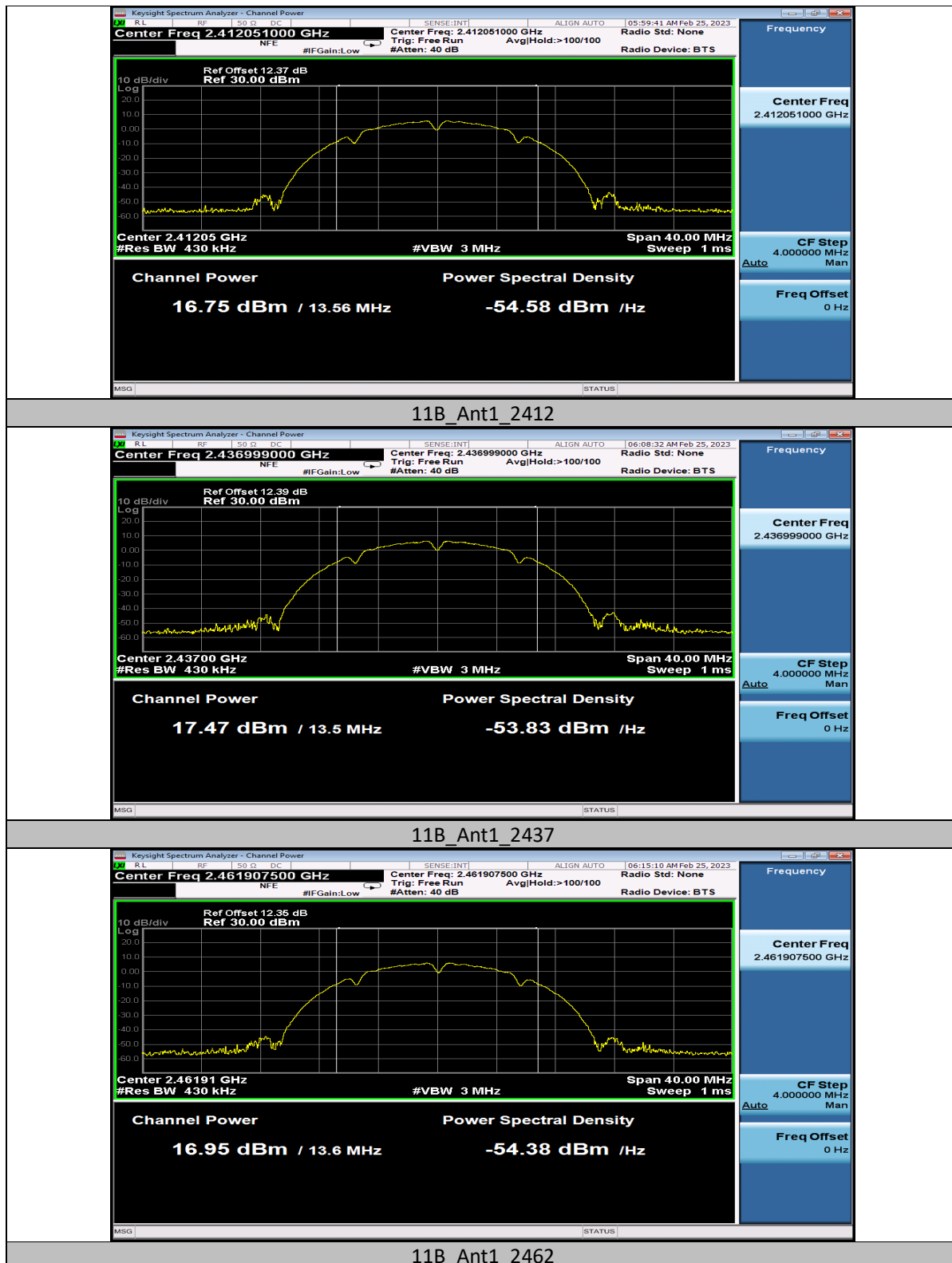


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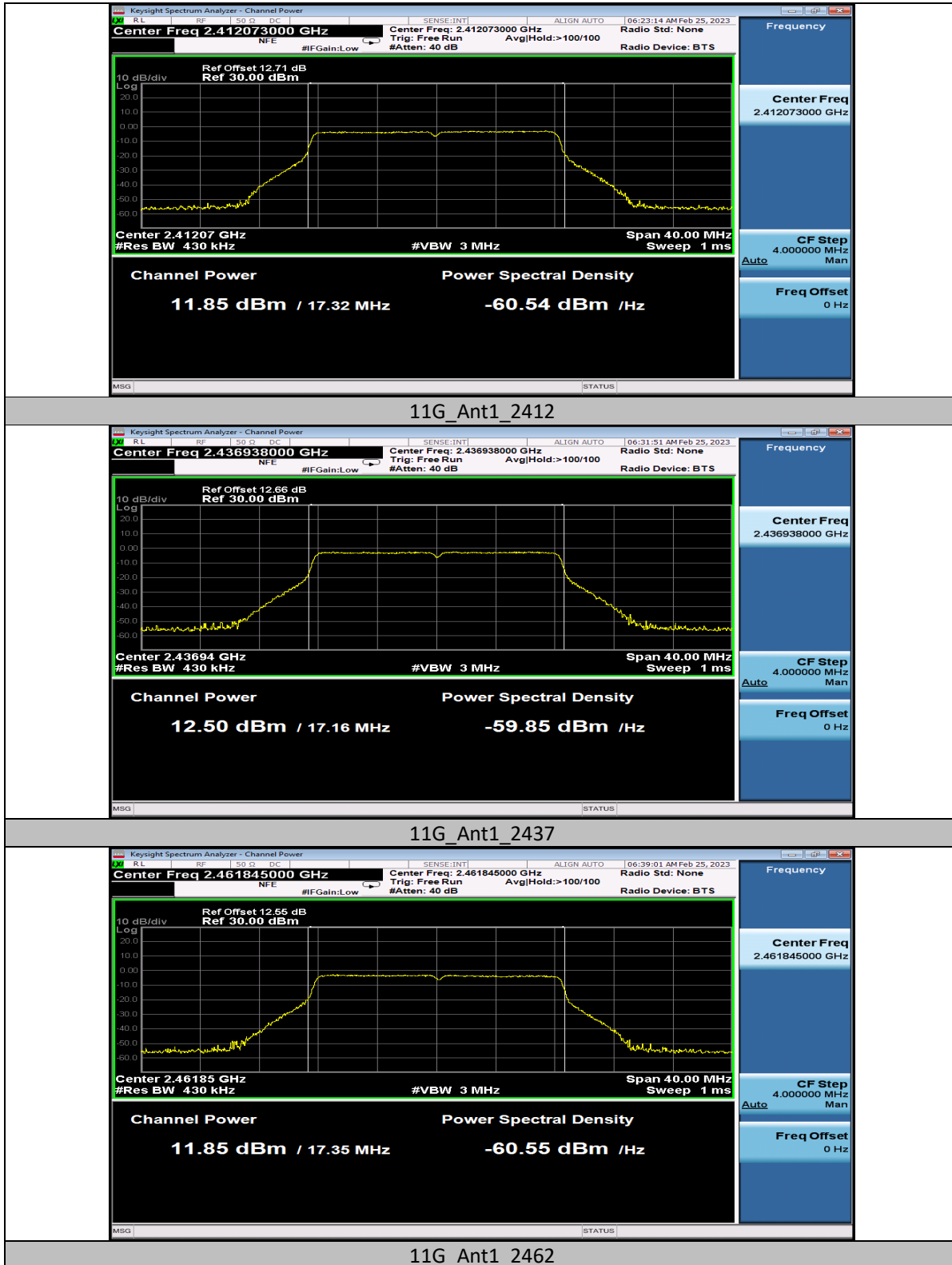
Maximum conducted output power

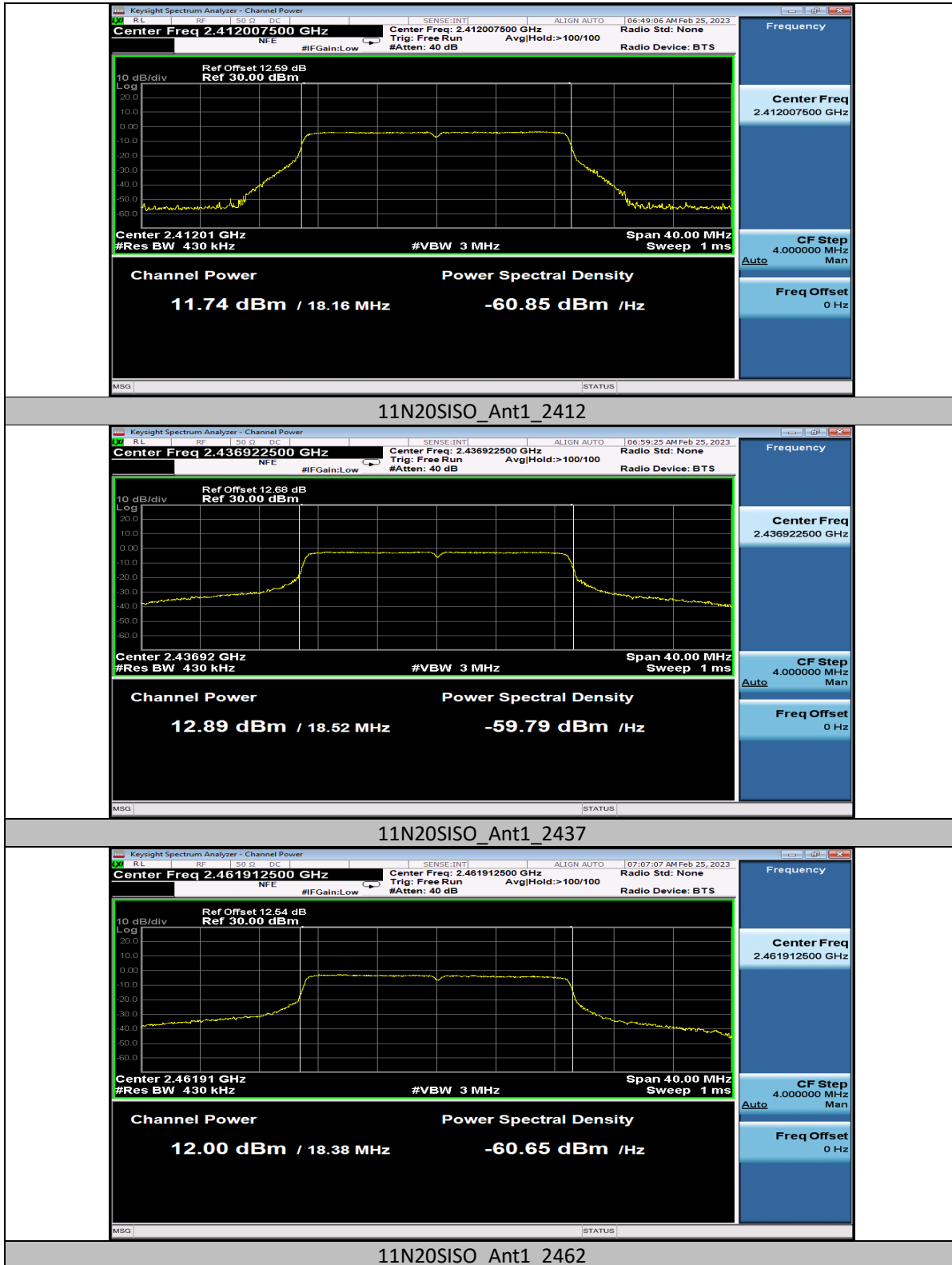
Test Mode	Antenna	Frequency [MHz]	Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.72	≤30.00	18.22	≤36.00	PASS
		2437	17.48	≤30.00	18.98	≤36.00	PASS
		2462	16.90	≤30.00	18.40	≤36.00	PASS
11G	Ant1	2412	11.89	≤30.00	13.39	≤36.00	PASS
		2437	12.48	≤30.00	13.98	≤36.00	PASS
		2462	11.86	≤30.00	13.36	≤36.00	PASS
11N20 SISO	Ant1	2412	11.67	≤30.00	13.17	≤36.00	PASS
		2437	12.88	≤30.00	14.38	≤36.00	PASS
		2462	12.01	≤30.00	13.51	≤36.00	PASS
11N40 SISO	Ant1	2422	10.59	≤30.00	12.09	≤36.00	PASS
		2437	10.03	≤30.00	11.53	≤36.00	PASS
		2452	9.25	≤30.00	10.75	≤36.00	PASS

Test Graphs

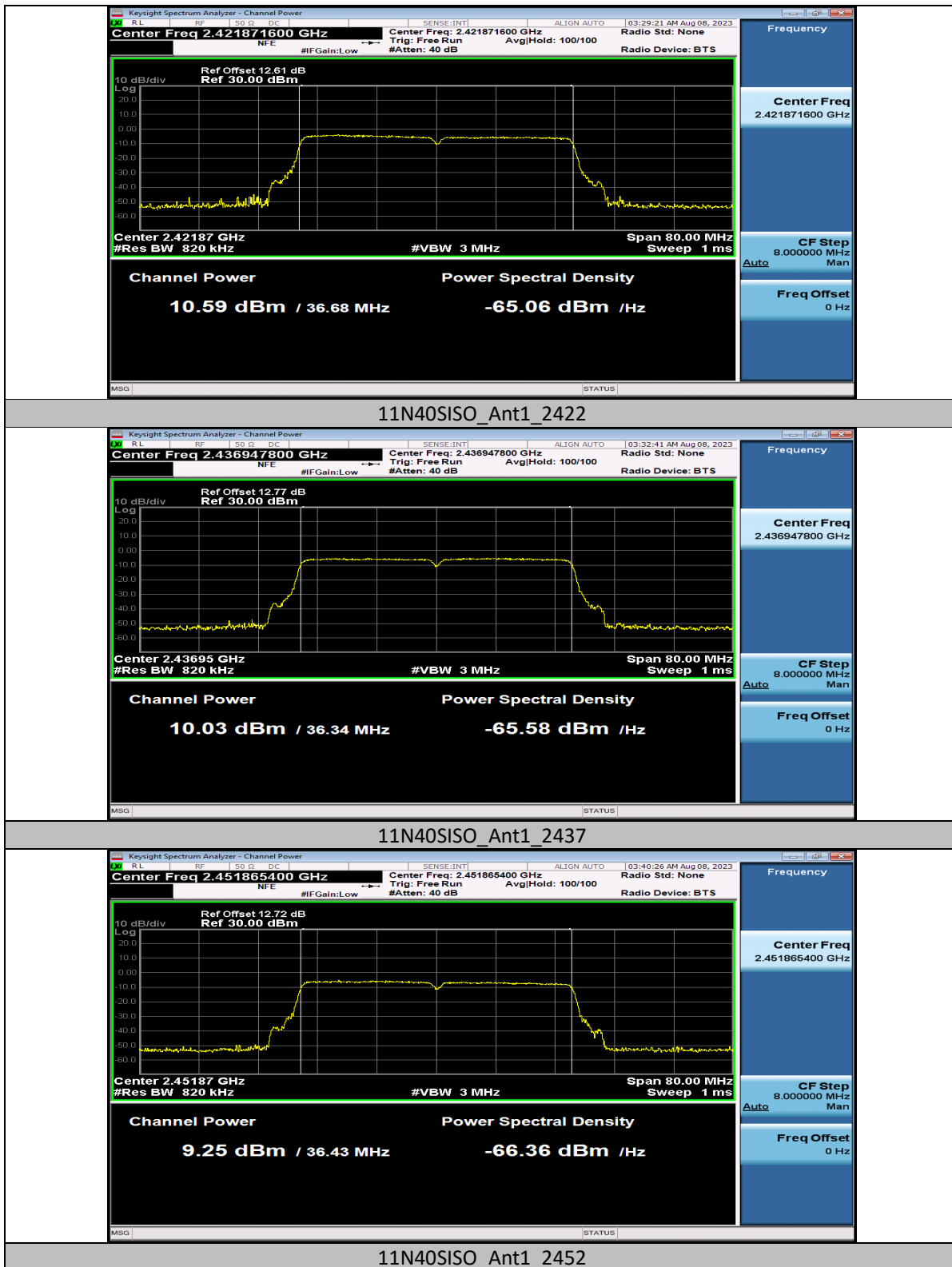


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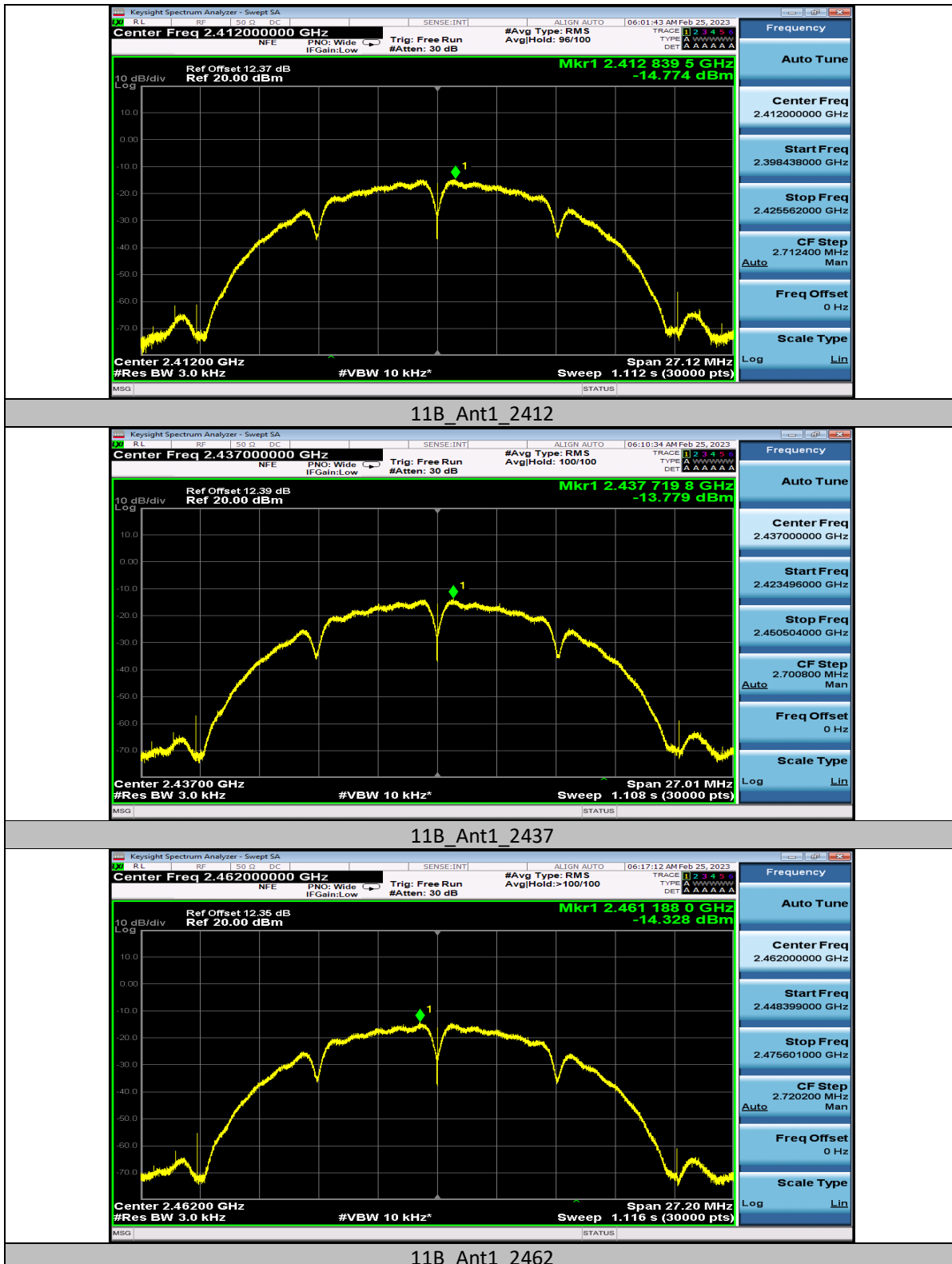
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Maximum power spectral density

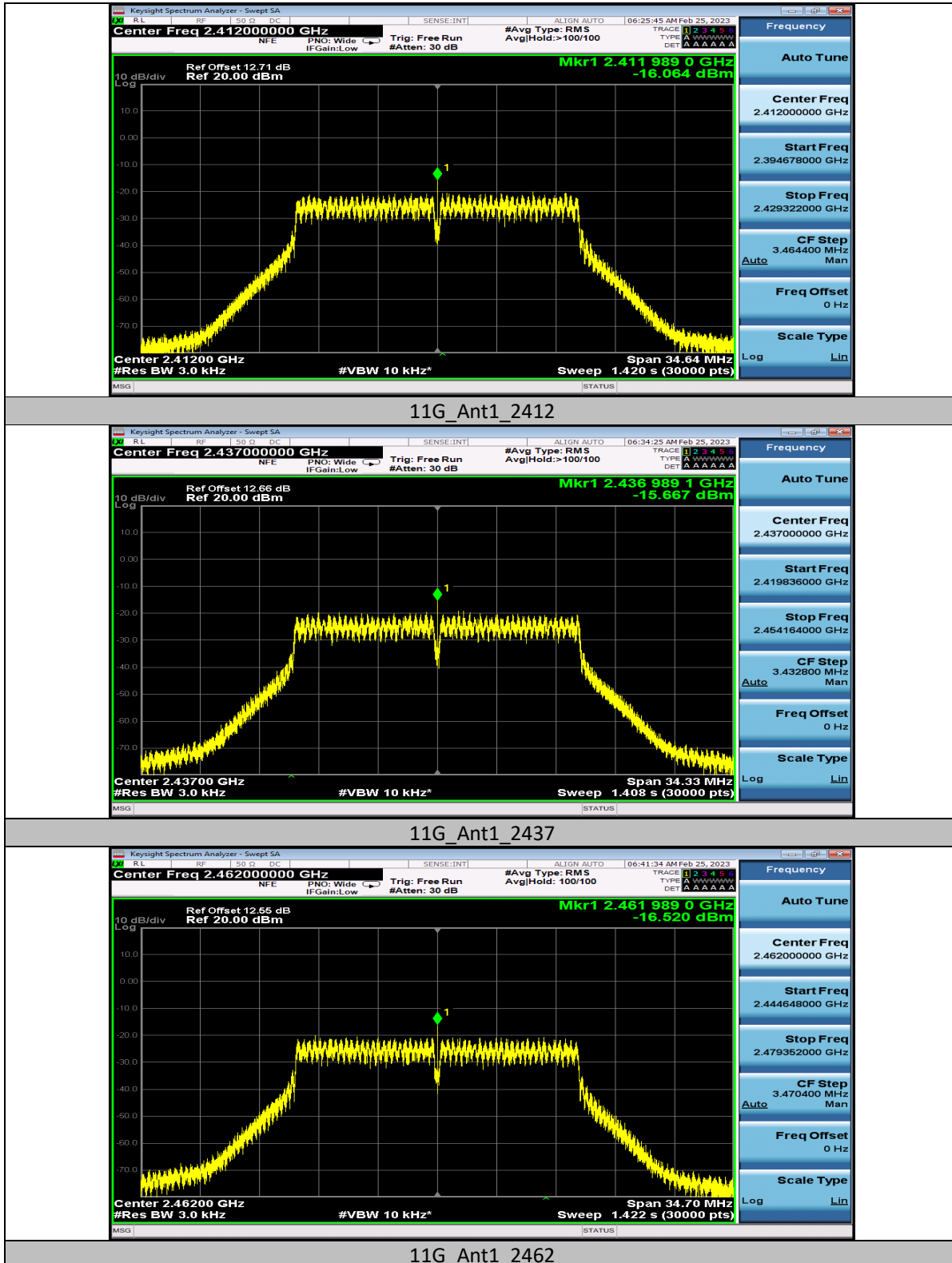
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-14.74	≤ 8.00	PASS
		2437	-13.75	≤ 8.00	PASS
		2462	-14.33	≤ 8.00	PASS
11G	Ant1	2412	-16.04	≤ 8.00	PASS
		2437	-15.67	≤ 8.00	PASS
		2462	-16.53	≤ 8.00	PASS
11N20SISO	Ant1	2412	-16.08	≤ 8.00	PASS
		2437	-14.9	≤ 8.00	PASS
		2462	-15.87	≤ 8.00	PASS
11N40SISO	Ant1	2422	-13.74	≤ 8.00	PASS
		2437	-16.6	≤ 8.00	PASS
		2452	-16.69	≤ 8.00	PASS

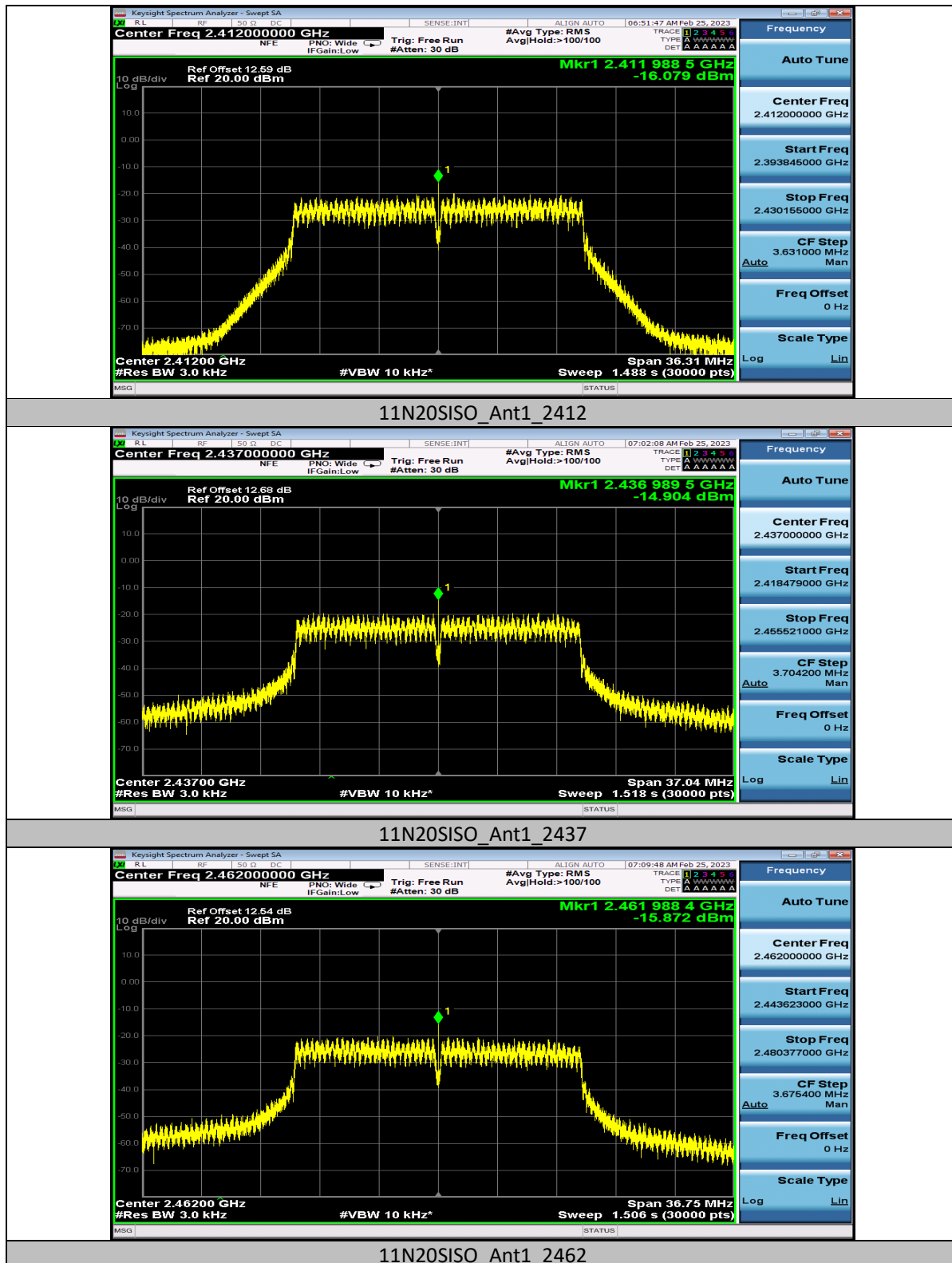
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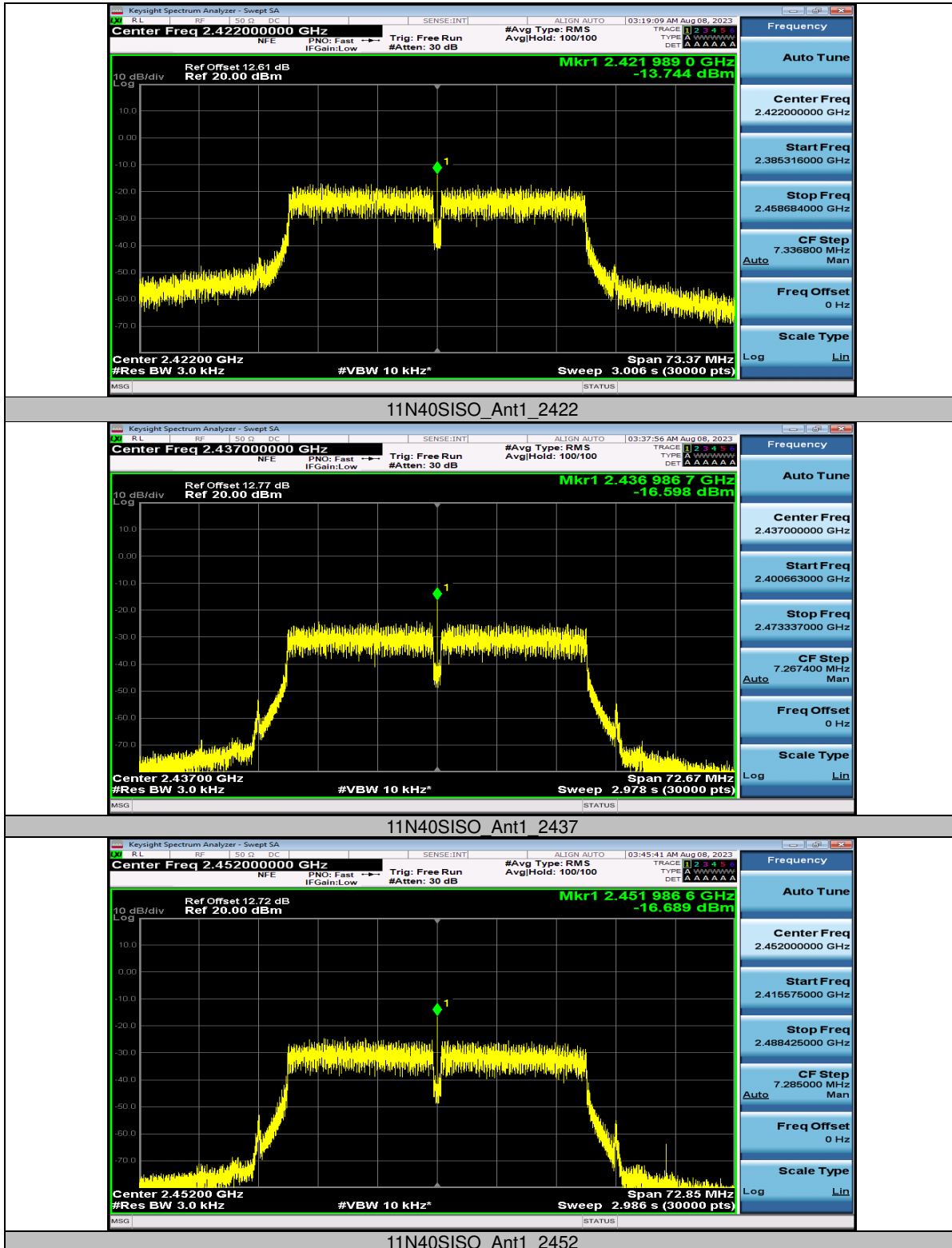
Test Graphs



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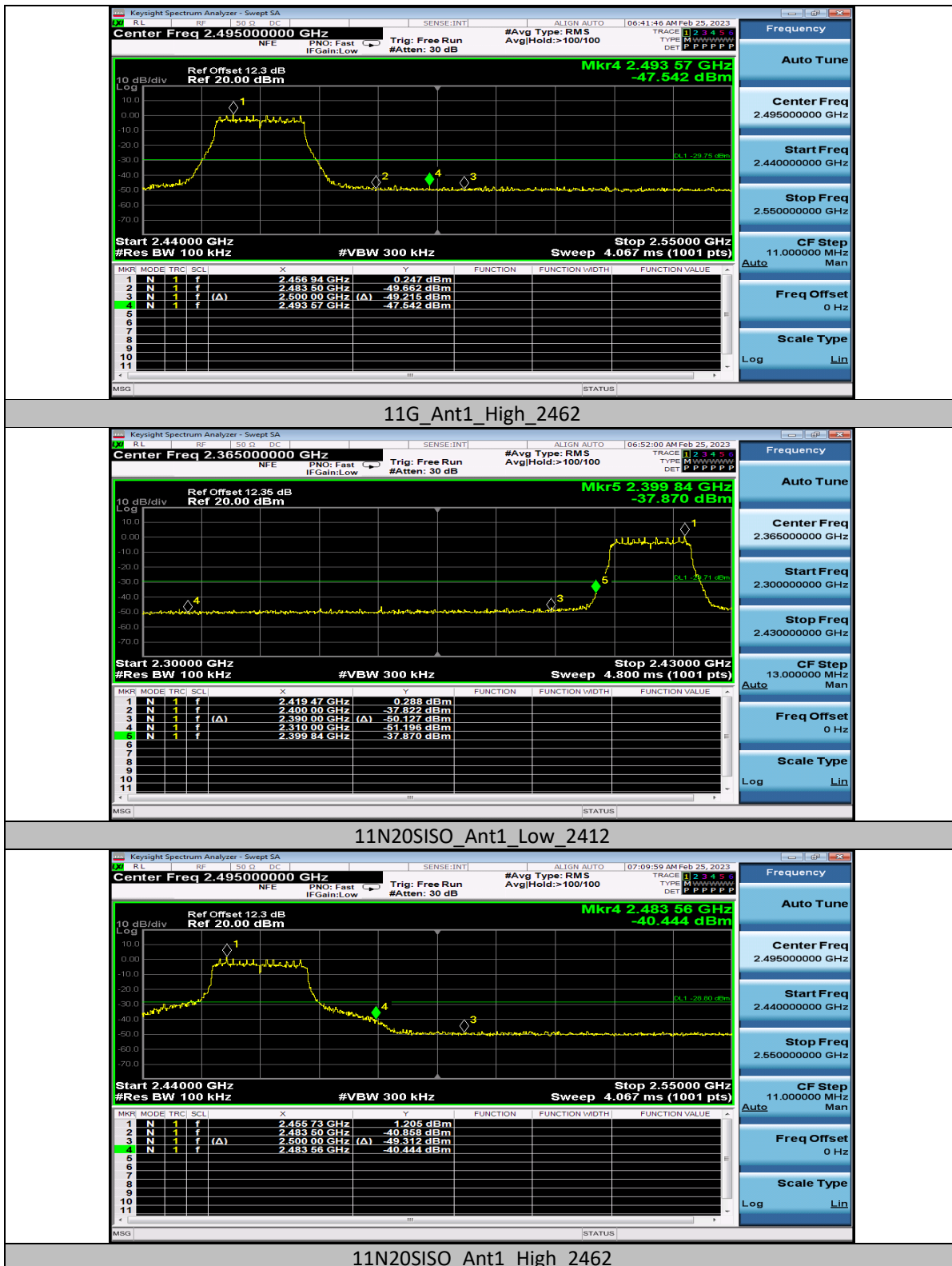


Band edge measurements

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	8.14	-41.82	≤ -21.86	PASS
		High	2462	8.43	-46.63	≤ -21.57	PASS
11G	Ant1	Low	2412	0.26	-38.56	≤ -29.74	PASS
		High	2462	0.25	-47.54	≤ -29.75	PASS
11N20SISO	Ant1	Low	2412	0.29	-37.87	≤ -29.71	PASS
		High	2462	1.21	-40.44	≤ -28.8	PASS
11N40SISO	Ant1	Low	2422	-3.98	-38.02	≤ -33.98	PASS
		High	2452	-4.73	-47.54	≤ -34.73	PASS

Test Graphs





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