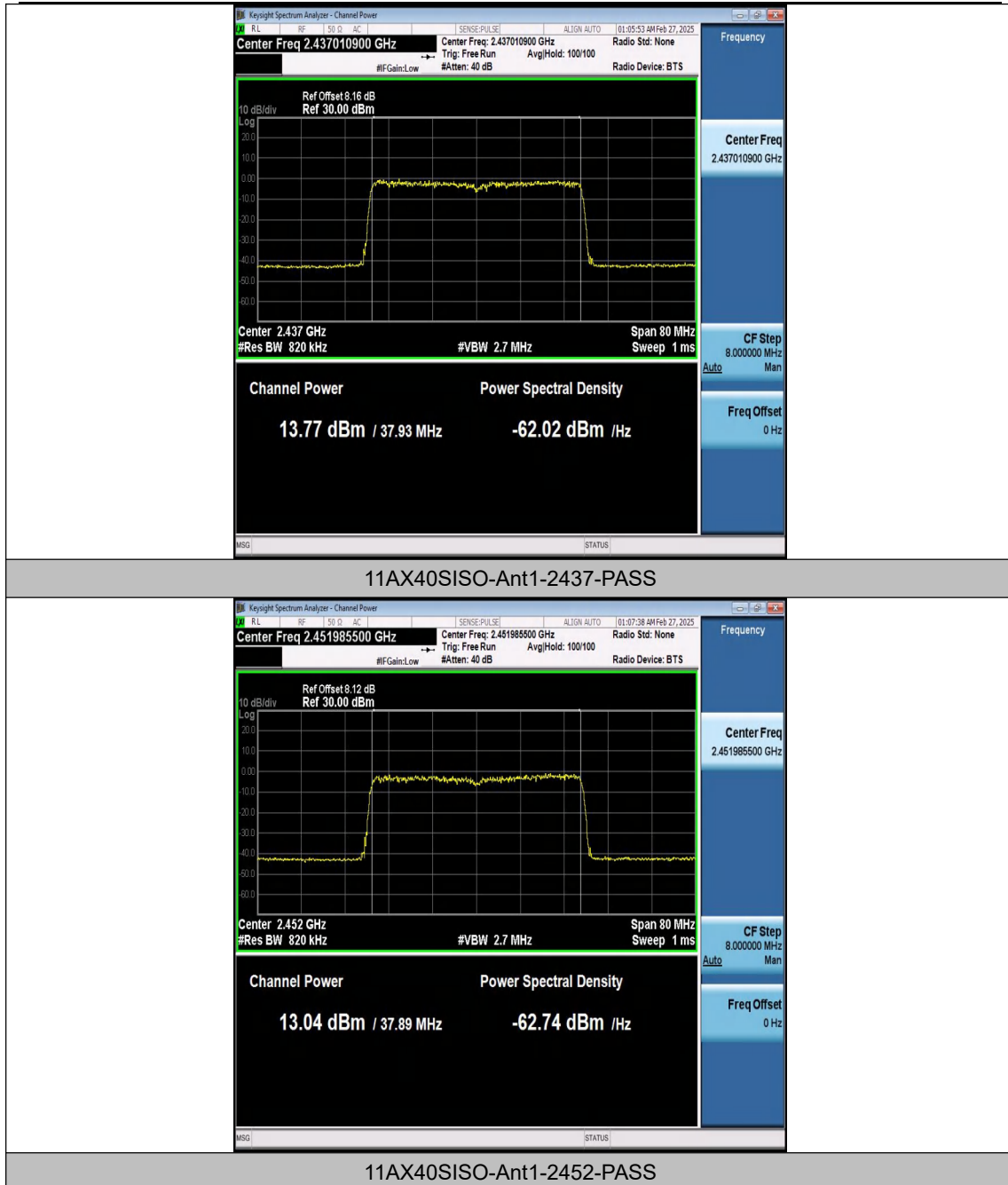




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Appendix D: Maximum power spectral density

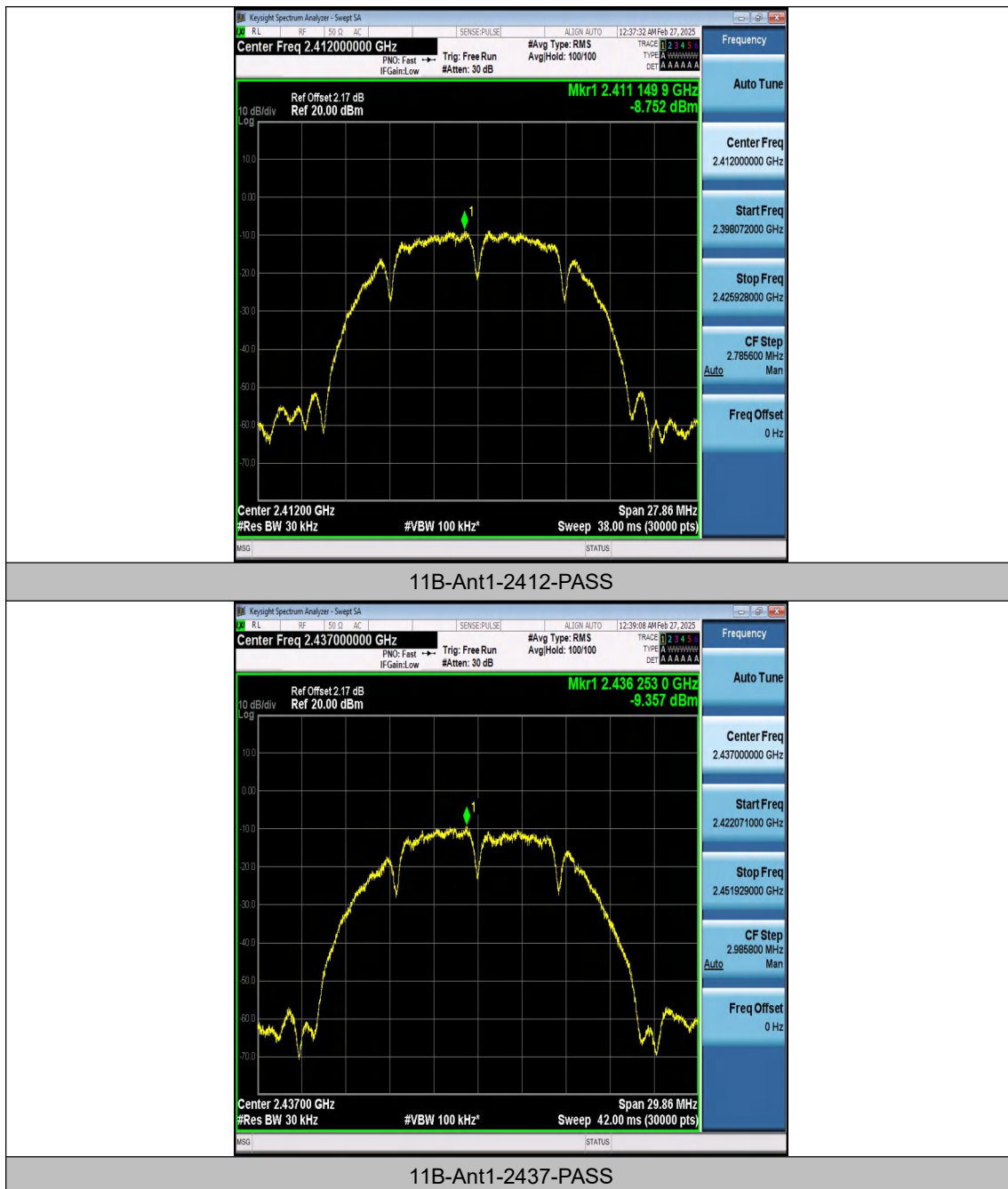
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.75	-18.75	≤8.00	PASS
11B	Ant1	2437	-9.36	-19.36	≤8.00	PASS
11B	Ant1	2462	-10.01	-20.01	≤8.00	PASS
11G	Ant1	2412	-9.19	-19.19	≤8.00	PASS
11G	Ant1	2437	-9.54	-19.54	≤8.00	PASS
11G	Ant1	2462	-10.29	-20.29	≤8.00	PASS
11N20SISO	Ant1	2412	-9.41	-19.41	≤8.00	PASS
11N20SISO	Ant1	2437	-10.07	-20.07	≤8.00	PASS
11N20SISO	Ant1	2462	-10.71	-20.71	≤8.00	PASS
11N40SISO	Ant1	2422	-10.40	-20.4	≤8.00	PASS
11N40SISO	Ant1	2437	-11.48	-21.48	≤8.00	PASS
11N40SISO	Ant1	2452	-12.05	-22.05	≤8.00	PASS
11AX20SISO	Ant1	2412	-9.22	-19.22	≤8.00	PASS
11AX20SISO	Ant1	2437	-10.86	-20.86	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.93	-20.93	≤8.00	PASS
11AX40SISO	Ant1	2422	-12.32	-22.32	≤8.00	PASS
11AX40SISO	Ant1	2437	-12.87	-22.87	≤8.00	PASS
11AX40SISO	Ant1	2452	-12.39	-22.39	≤8.00	PASS

Note:

1. The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.
2. $PSD(dBm/3kHz) = PSD(dBm/30kHz) - (10 \cdot \log(30/3))$

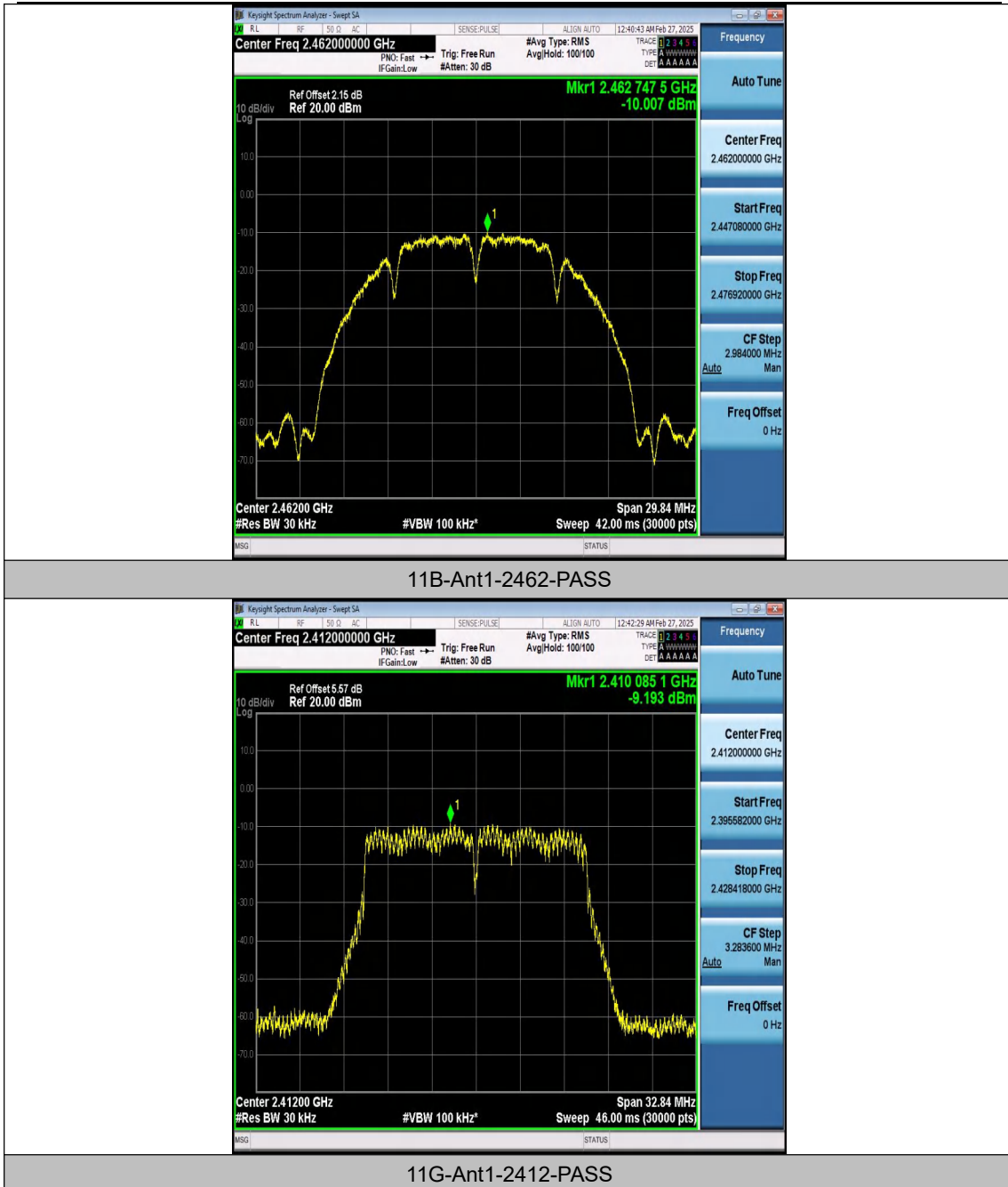
Test Graphs



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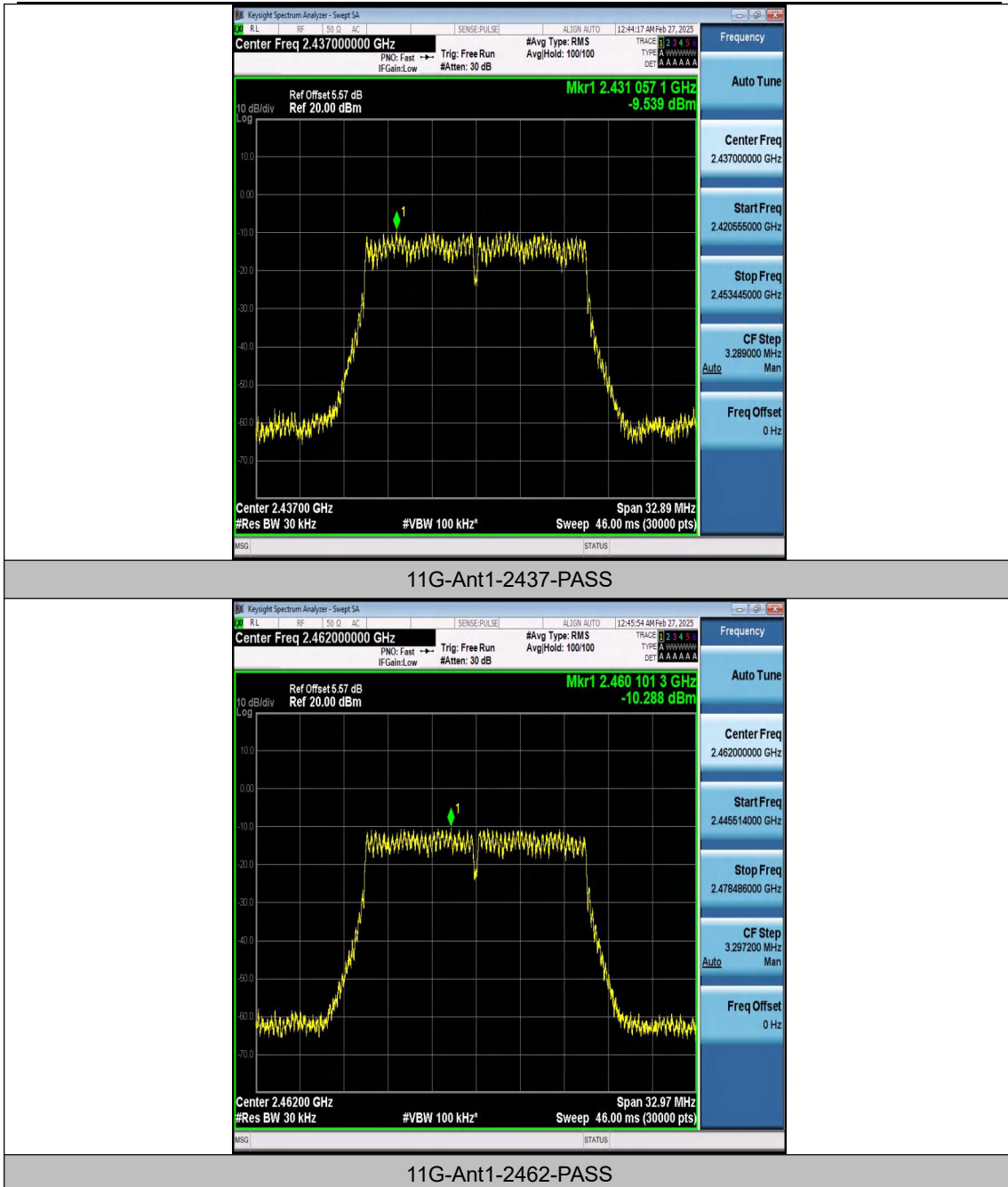


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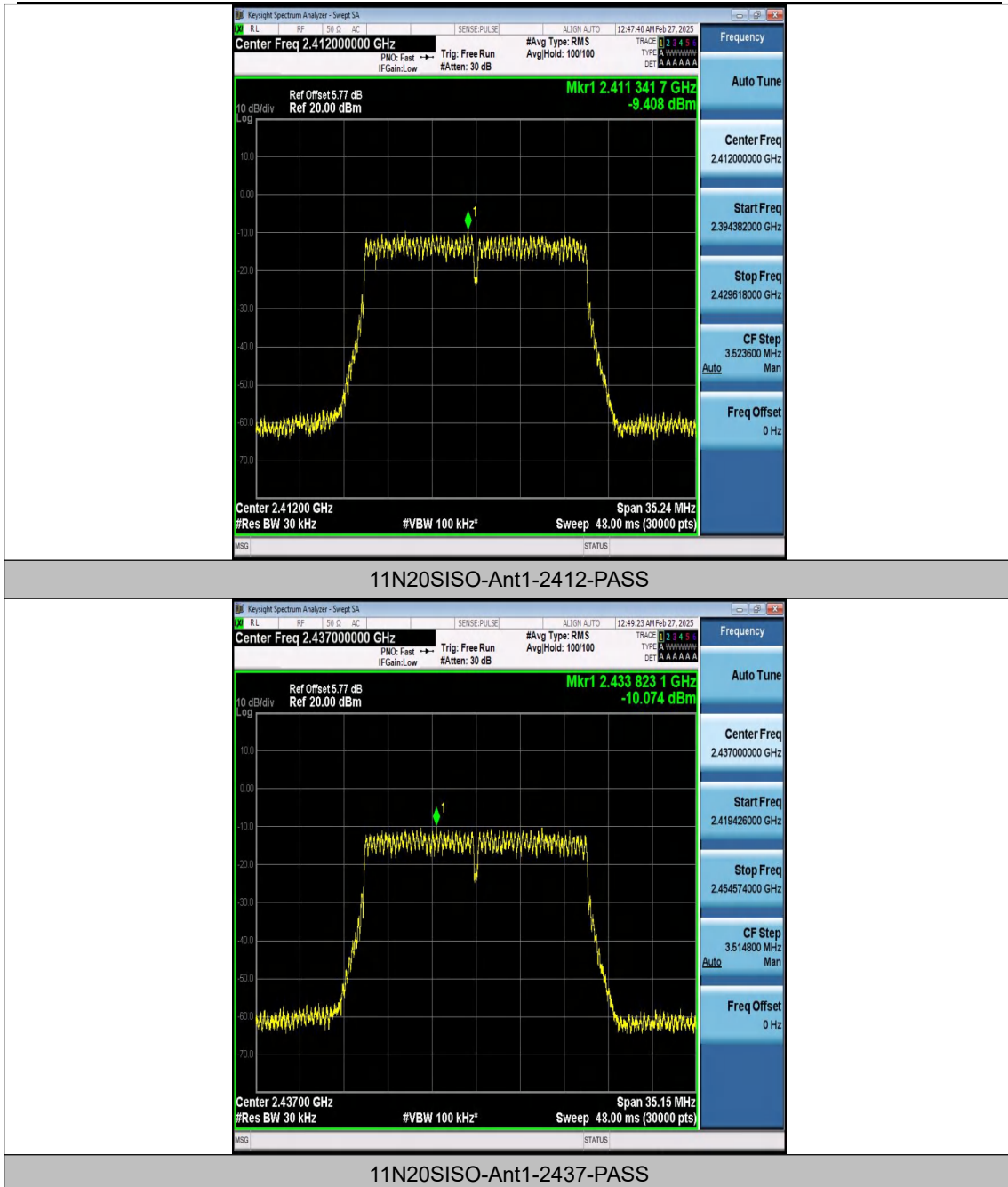


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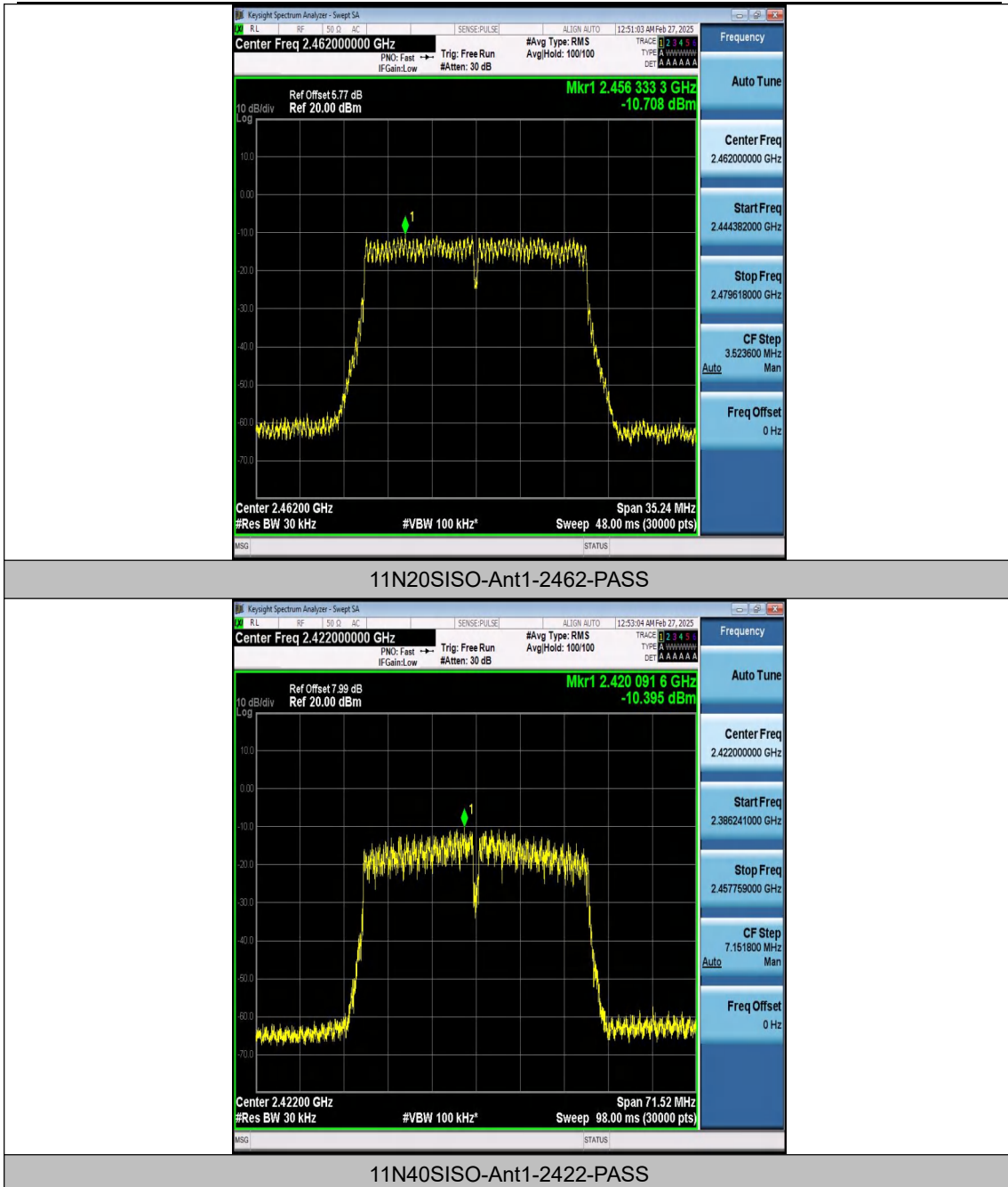


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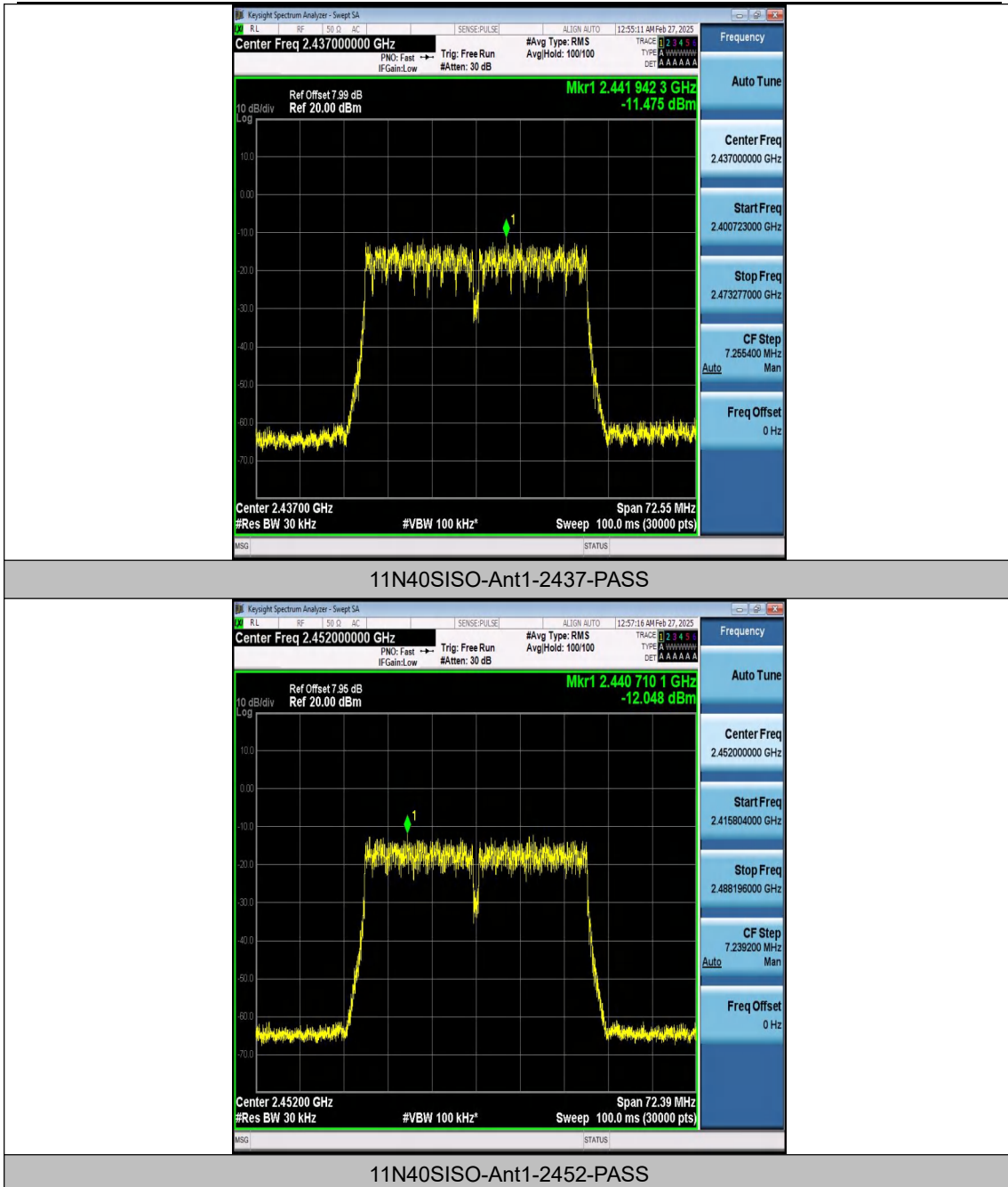


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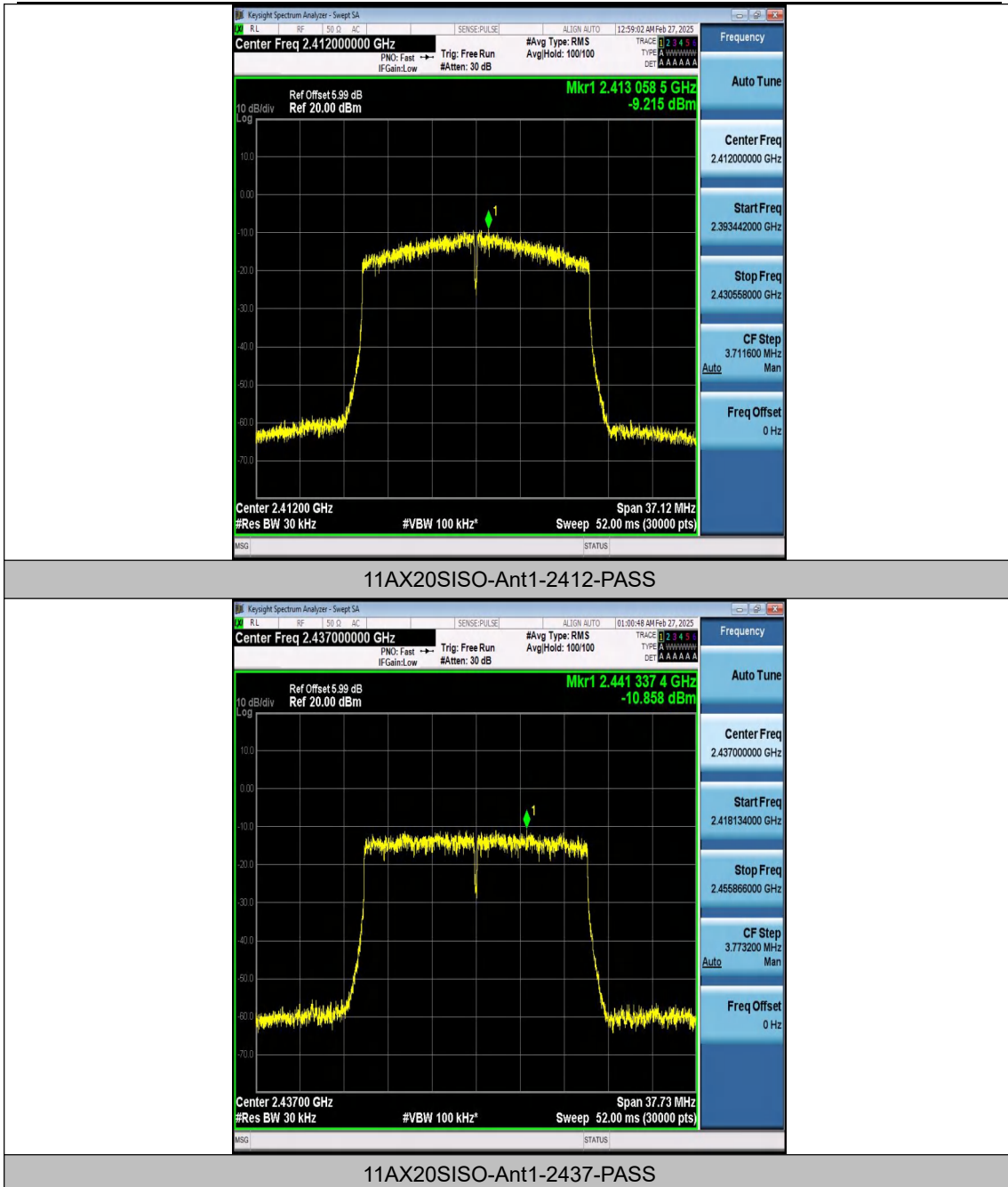


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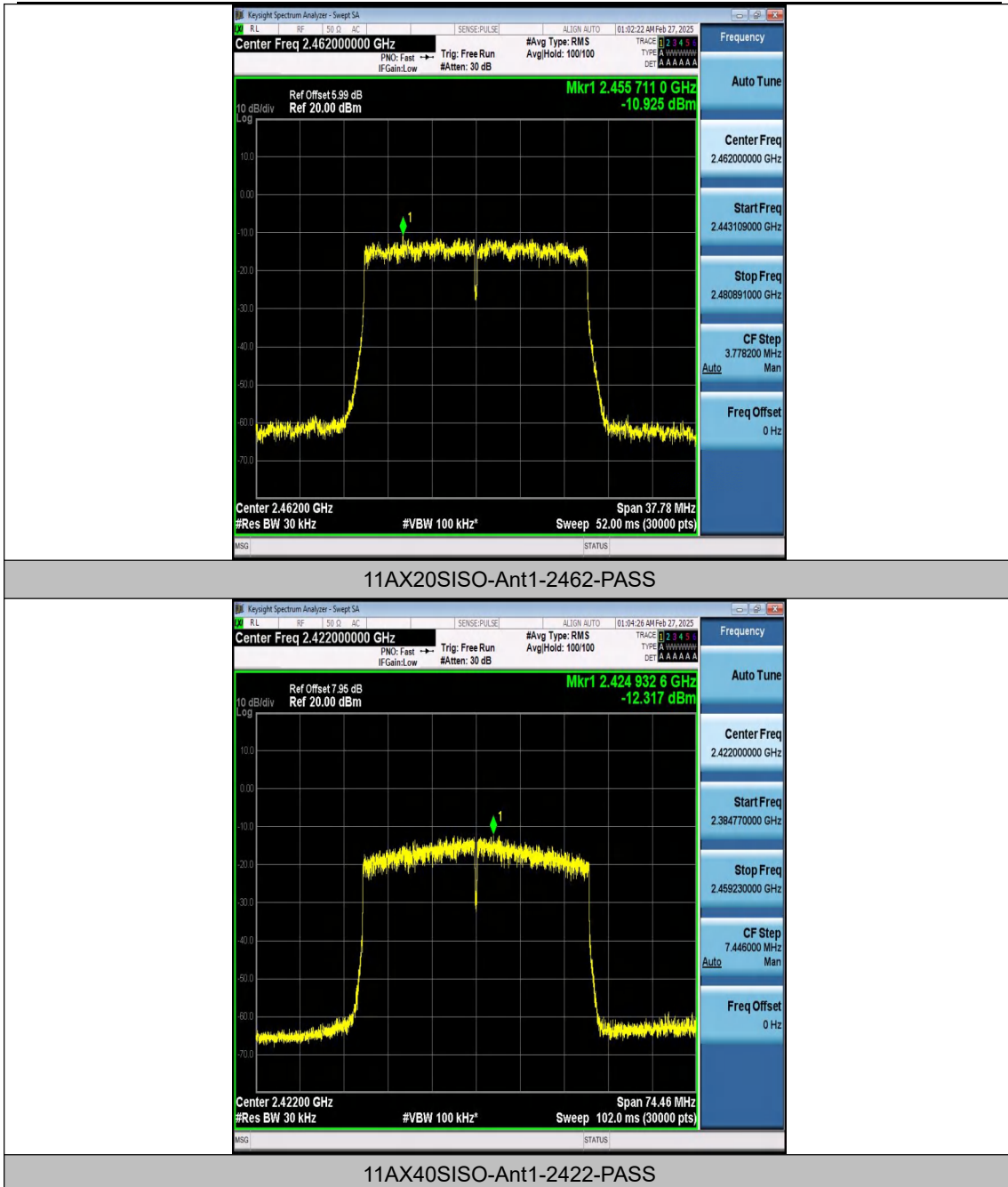
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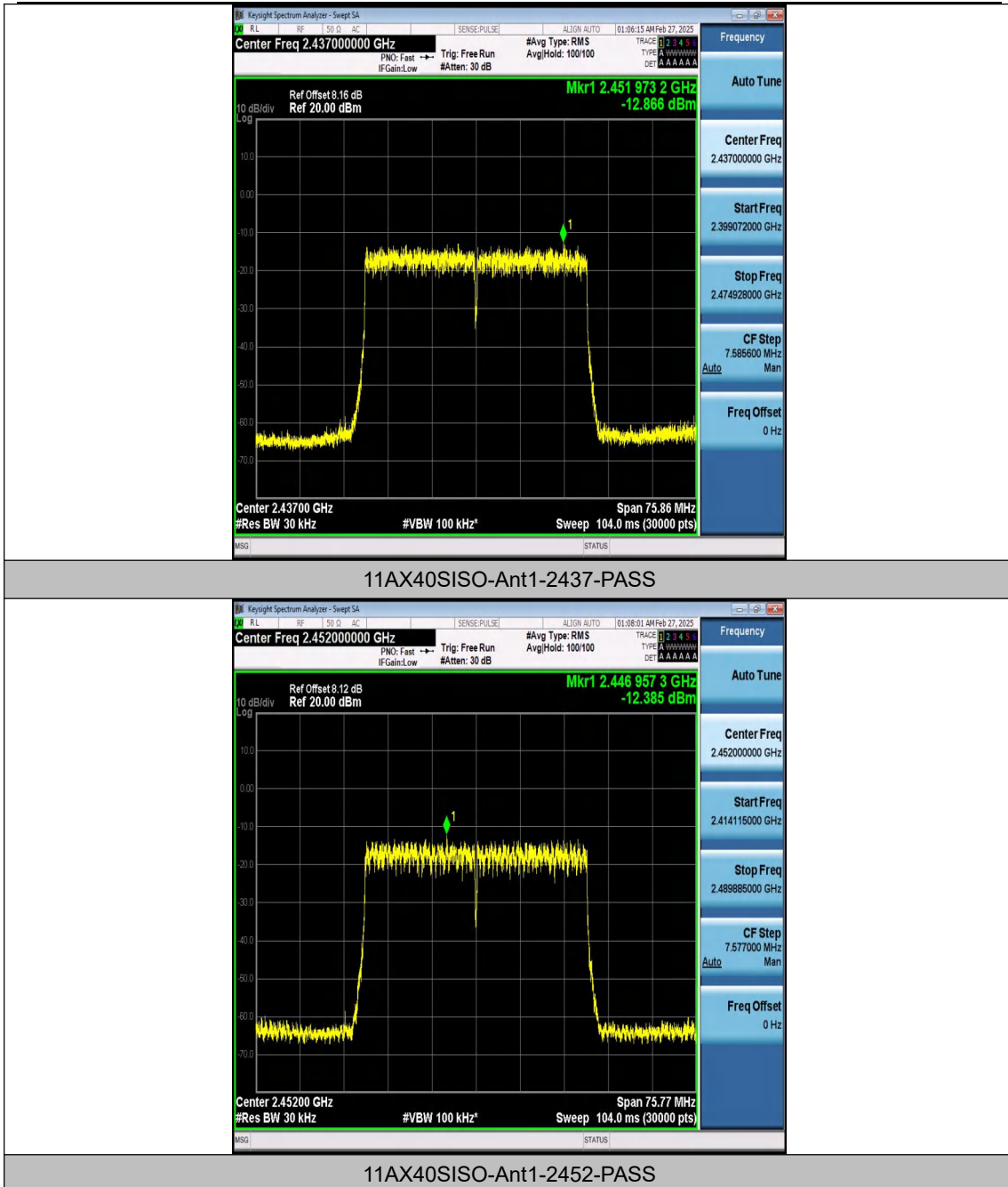


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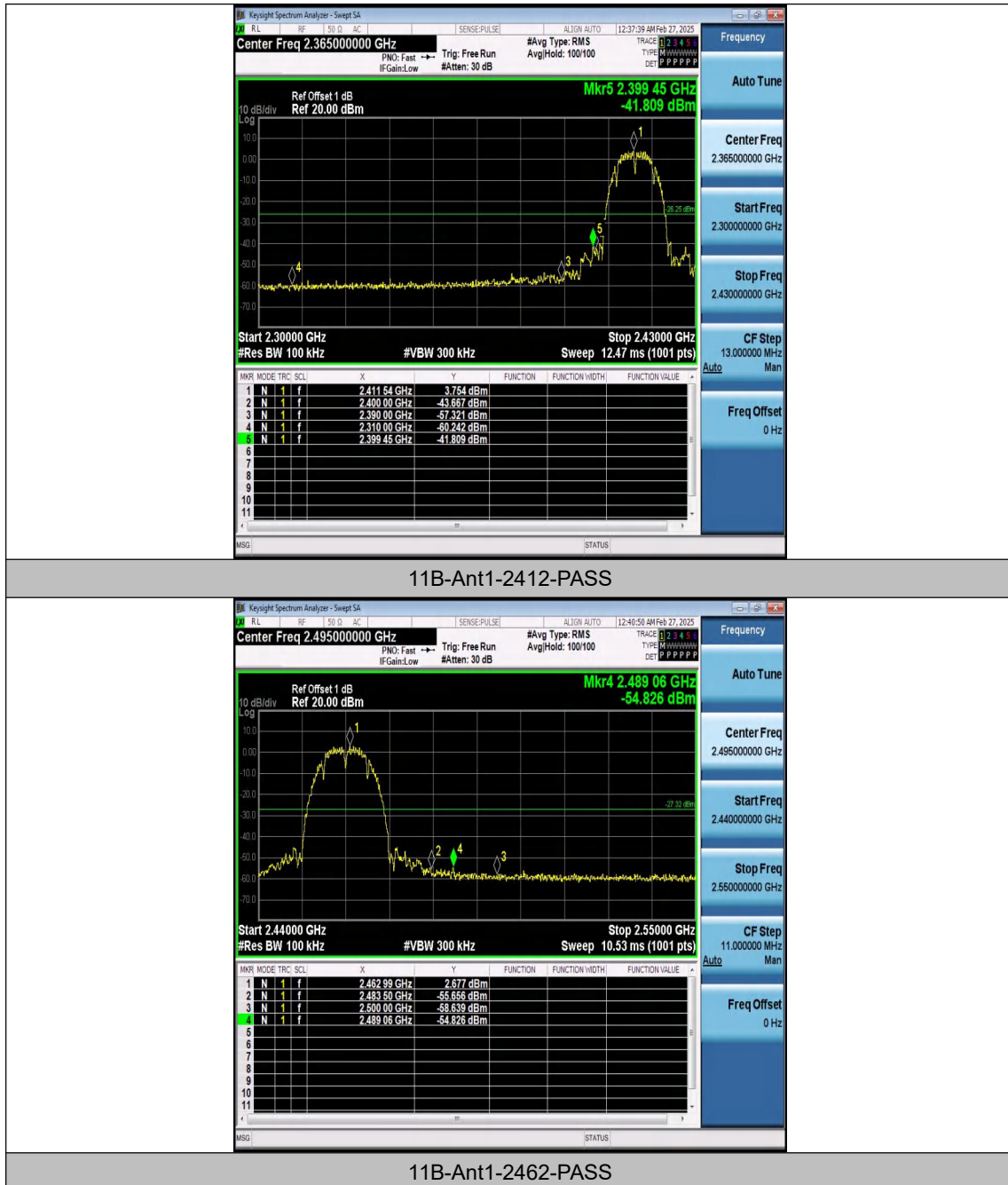
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.75	-41.81	≤-26.25	PASS
11B	Ant1	High	2462	2.68	-54.83	≤-27.32	PASS
11G	Ant1	Low	2412	2.47	-45.59	≤-27.53	PASS
11G	Ant1	High	2462	1.75	-52.22	≤-28.25	PASS
11N20SISO	Ant1	Low	2412	1.60	-44.98	≤-28.4	PASS
11N20SISO	Ant1	High	2462	1.56	-51.66	≤-28.44	PASS
11N40SISO	Ant1	Low	2422	1.24	-48.14	≤-28.76	PASS
11N40SISO	Ant1	High	2452	-1.24	-47.95	≤-31.24	PASS
11AX20SISO	Ant1	Low	2412	4.12	-45.35	≤-25.89	PASS
11AX20SISO	Ant1	High	2462	1.67	-49.82	≤-28.33	PASS
11AX40SISO	Ant1	Low	2422	-1.34	-44.91	≤-31.34	PASS
11AX40SISO	Ant1	High	2452	-1.16	-45.91	≤-31.16	PASS



Test Graphs

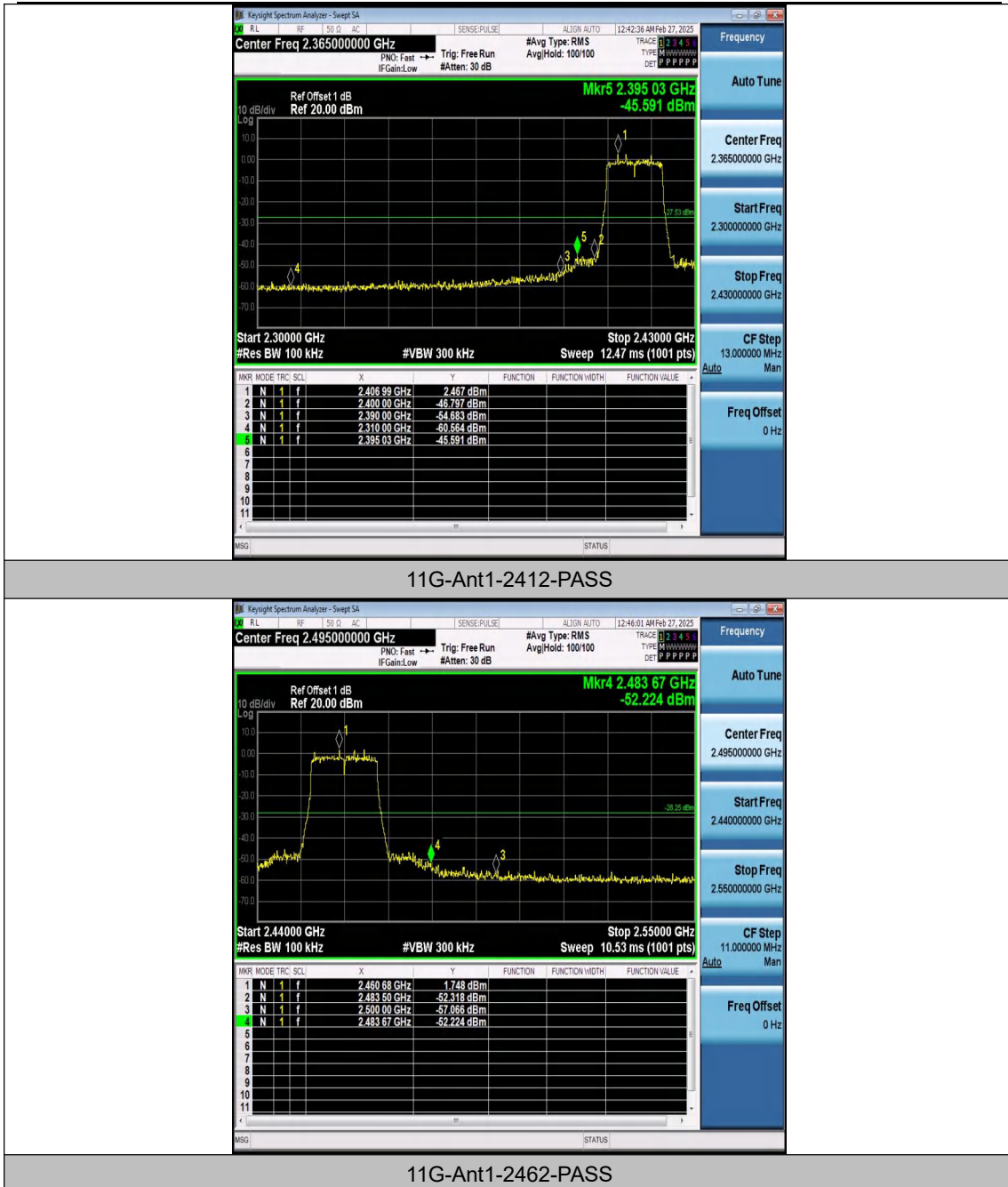


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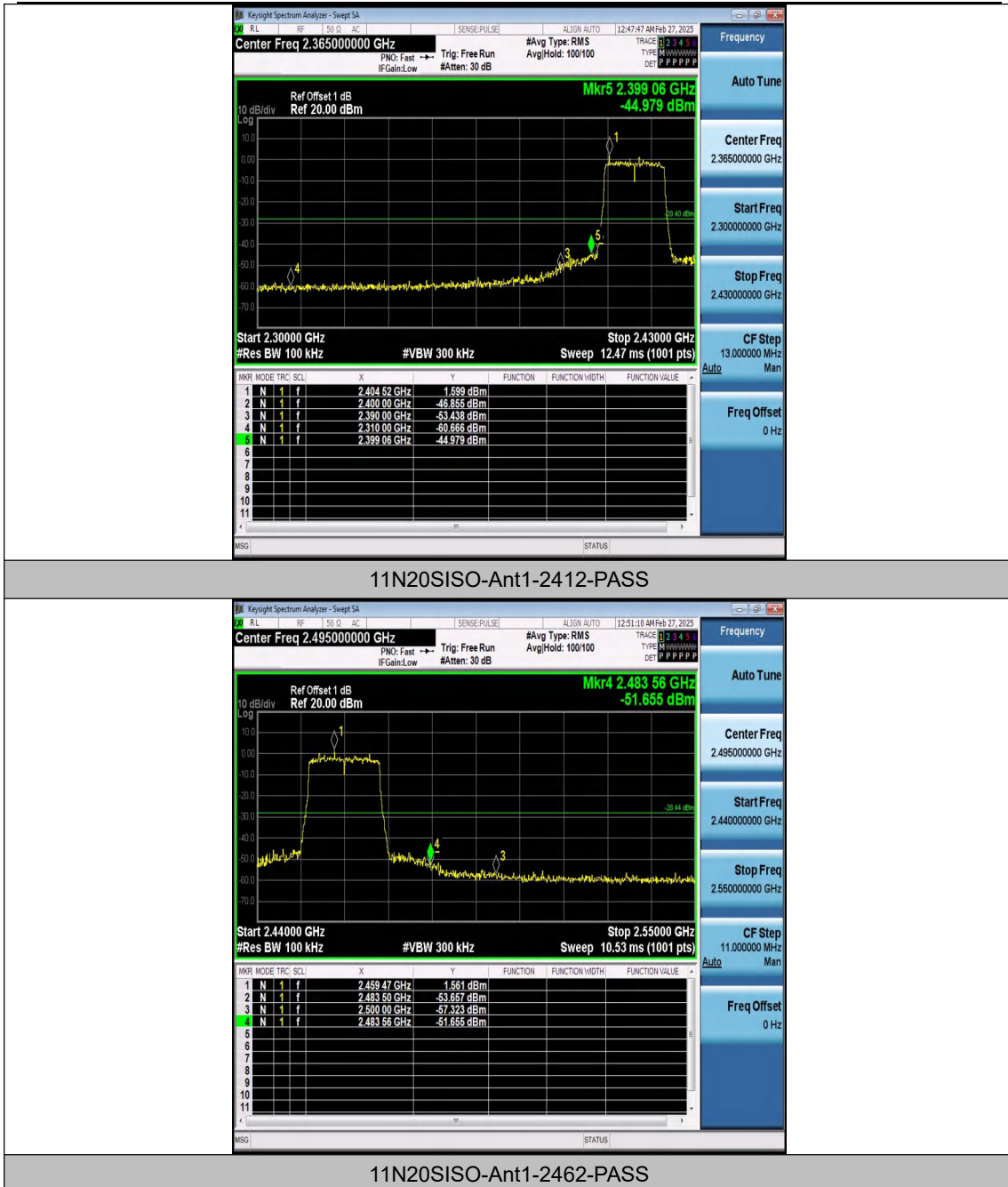
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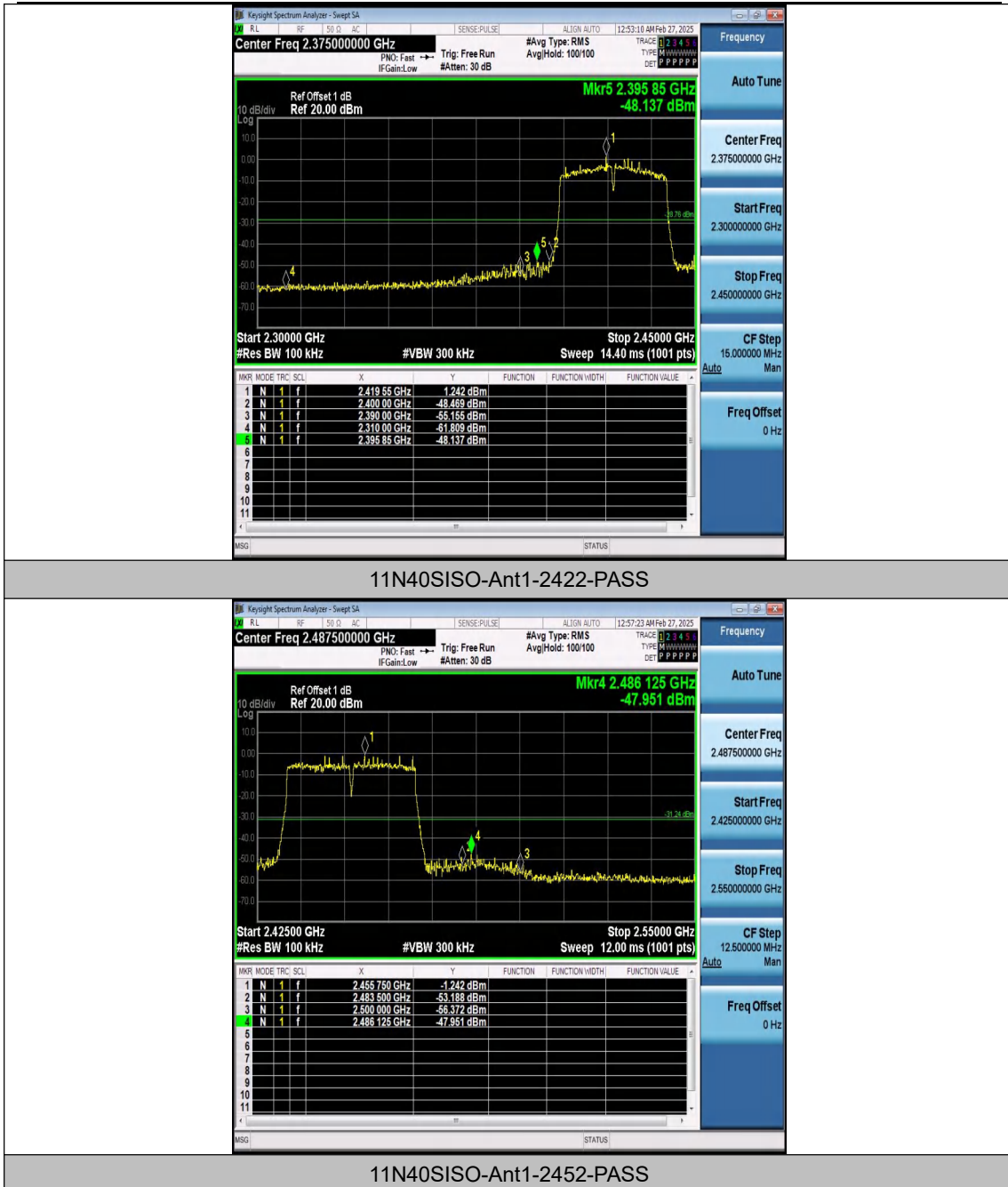
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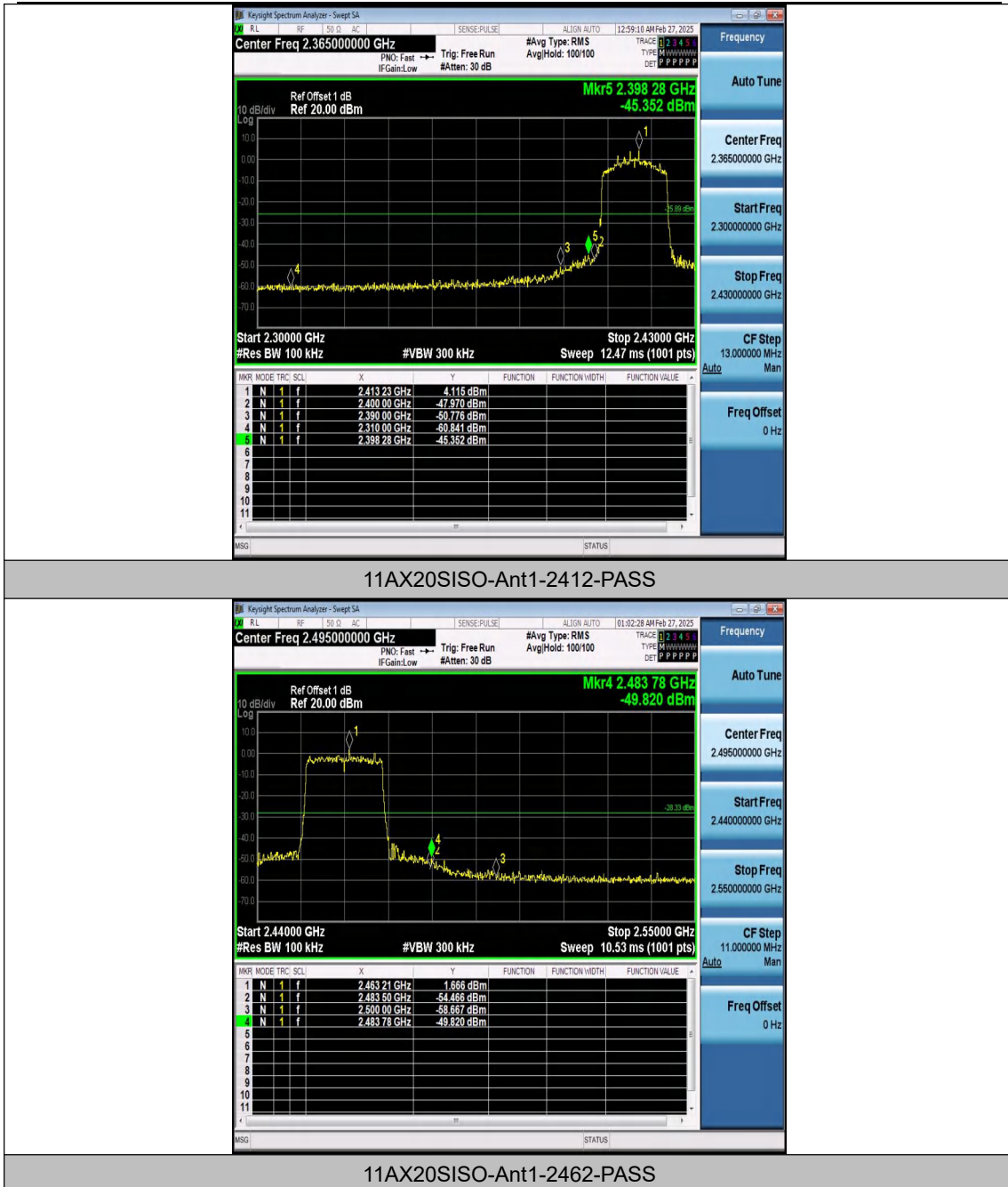
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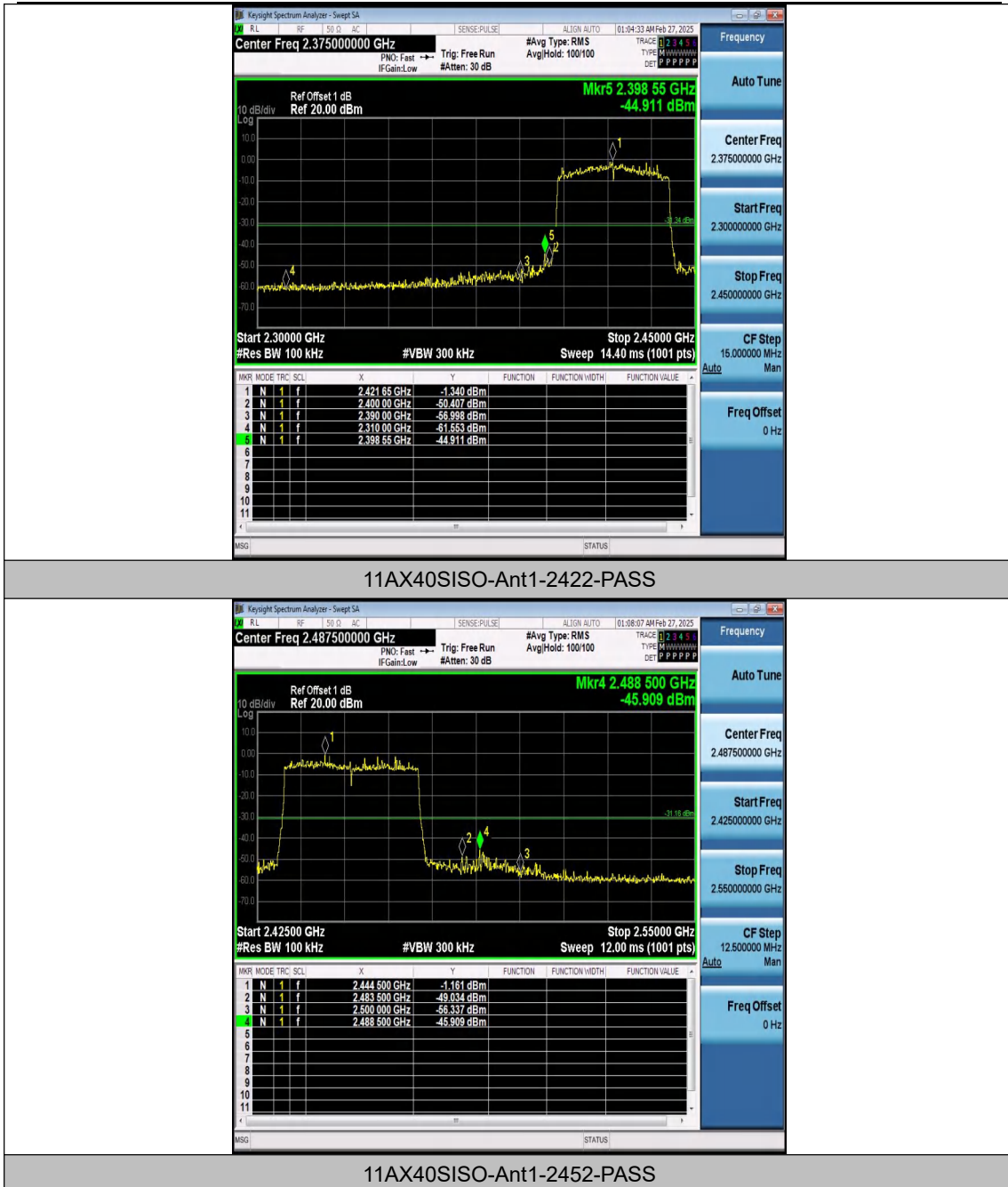
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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.90	2.90	---	PASS
11B	Ant1	2412	30~1000	2.90	-68.11	≤-27.1	PASS
11B	Ant1	2412	1000~26500	2.90	-53.7	≤-27.1	PASS
11B	Ant1	2437	0~Reference	2.82	2.82	---	PASS
11B	Ant1	2437	30~1000	2.82	-69.29	≤-27.18	PASS
11B	Ant1	2437	1000~26500	2.82	-53.87	≤-27.18	PASS
11B	Ant1	2462	0~Reference	3.08	3.08	---	PASS
11B	Ant1	2462	30~1000	3.08	-68.76	≤-26.92	PASS
11B	Ant1	2462	1000~26500	3.08	-53.61	≤-26.92	PASS
11G	Ant1	2412	0~Reference	-0.29	-0.29	---	PASS
11G	Ant1	2412	30~1000	-0.29	-68.96	≤-30.29	PASS
11G	Ant1	2412	1000~26500	-0.29	-53.24	≤-30.29	PASS
11G	Ant1	2437	0~Reference	-0.70	-0.70	---	PASS
11G	Ant1	2437	30~1000	-0.70	-69.51	≤-30.7	PASS
11G	Ant1	2437	1000~26500	-0.70	-53.55	≤-30.7	PASS
11G	Ant1	2462	0~Reference	-1.09	-1.09	---	PASS
11G	Ant1	2462	30~1000	-1.09	-69.48	≤-31.09	PASS
11G	Ant1	2462	1000~26500	-1.09	-53.89	≤-31.09	PASS
11N20SISO	Ant1	2412	0~Reference	-1.28	-1.28	---	PASS
11N20SISO	Ant1	2412	30~1000	-1.28	-69.88	≤-31.28	PASS
11N20SISO	Ant1	2412	1000~26500	-1.28	-54.14	≤-31.28	PASS
11N20SISO	Ant1	2437	0~Reference	-1.82	-1.82	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.82	-68.68	≤-31.82	PASS
11N20SISO	Ant1	2437	1000~26500	-1.82	-51.82	≤-31.82	PASS
11N20SISO	Ant1	2462	0~Reference	-1.92	-1.92	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.92	-69.14	≤-31.92	PASS
11N20SISO	Ant1	2462	1000~26500	-1.92	-53.64	≤-31.92	PASS
11N40SISO	Ant1	2422	0~Reference	-1.67	-1.67	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.67	-69.01	≤-31.67	PASS
11N40SISO	Ant1	2422	1000~26500	-1.67	-51.5	≤-31.67	PASS
11N40SISO	Ant1	2437	0~Reference	-2.68	-2.68	---	PASS
11N40SISO	Ant1	2437	30~1000	-2.68	-69.53	≤-32.68	PASS
11N40SISO	Ant1	2437	1000~26500	-2.68	-53.35	≤-32.68	PASS
11N40SISO	Ant1	2452	0~Reference	-3.49	-3.49	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.49	-69.28	≤-33.49	PASS
11N40SISO	Ant1	2452	1000~26500	-3.49	-54.12	≤-33.49	PASS

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11AX20SISO	Ant1	2412	0~Reference	0.61	0.61	---	PASS
11AX20SISO	Ant1	2412	30~1000	0.61	-68.9	≤-29.39	PASS
11AX20SISO	Ant1	2412	1000~26500	0.61	-53.87	≤-29.39	PASS
11AX20SISO	Ant1	2437	0~Reference	-0.71	-0.71	---	PASS
11AX20SISO	Ant1	2437	30~1000	-0.71	-68.79	≤-30.71	PASS
11AX20SISO	Ant1	2437	1000~26500	-0.71	-53.58	≤-30.71	PASS
11AX20SISO	Ant1	2462	0~Reference	-1.93	-1.93	---	PASS
11AX20SISO	Ant1	2462	30~1000	-1.93	-69.22	≤-31.93	PASS
11AX20SISO	Ant1	2462	1000~26500	-1.93	-54.08	≤-31.93	PASS
11AX40SISO	Ant1	2422	0~Reference	-3.94	-3.94	---	PASS
11AX40SISO	Ant1	2422	30~1000	-3.94	-68.42	≤-33.94	PASS
11AX40SISO	Ant1	2422	1000~26500	-3.94	-53.99	≤-33.94	PASS
11AX40SISO	Ant1	2437	0~Reference	-3.80	-3.80	---	PASS
11AX40SISO	Ant1	2437	30~1000	-3.80	-69.18	≤-33.8	PASS
11AX40SISO	Ant1	2437	1000~26500	-3.80	-53.84	≤-33.8	PASS
11AX40SISO	Ant1	2452	0~Reference	-3.59	-3.59	---	PASS
11AX40SISO	Ant1	2452	30~1000	-3.59	-69.12	≤-33.59	PASS
11AX40SISO	Ant1	2452	1000~26500	-3.59	-53.5	≤-33.59	PASS

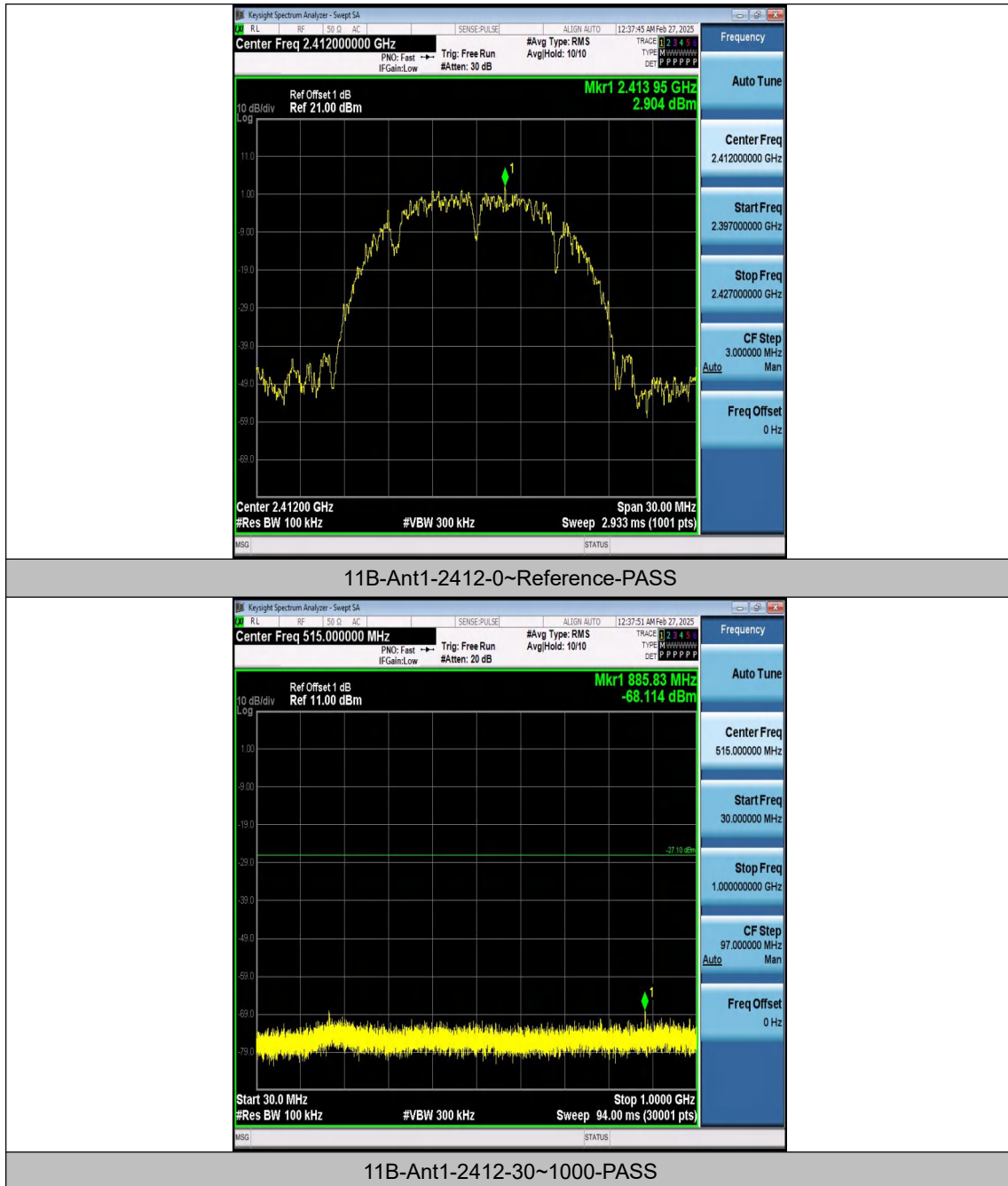
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Test Graphs

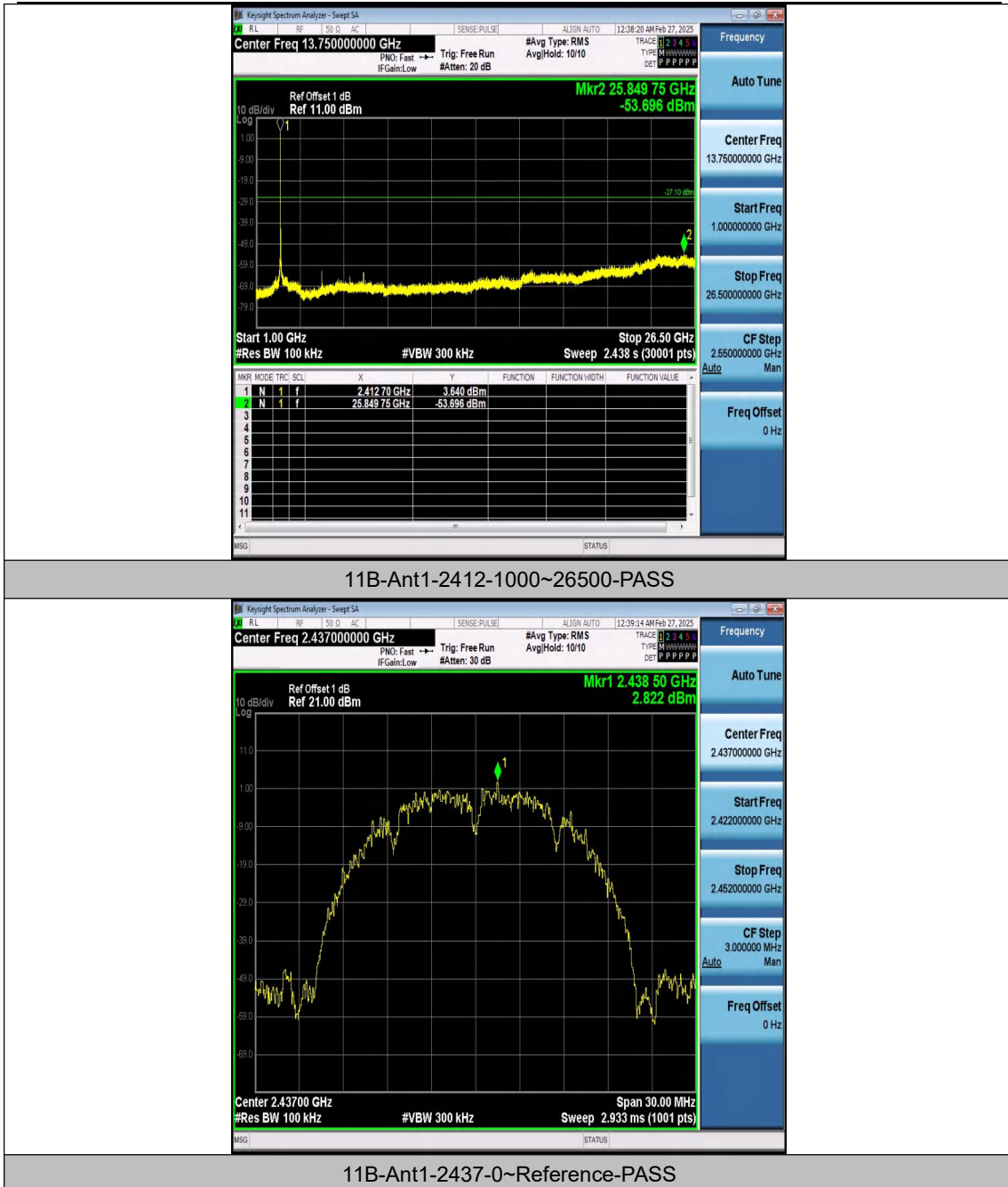


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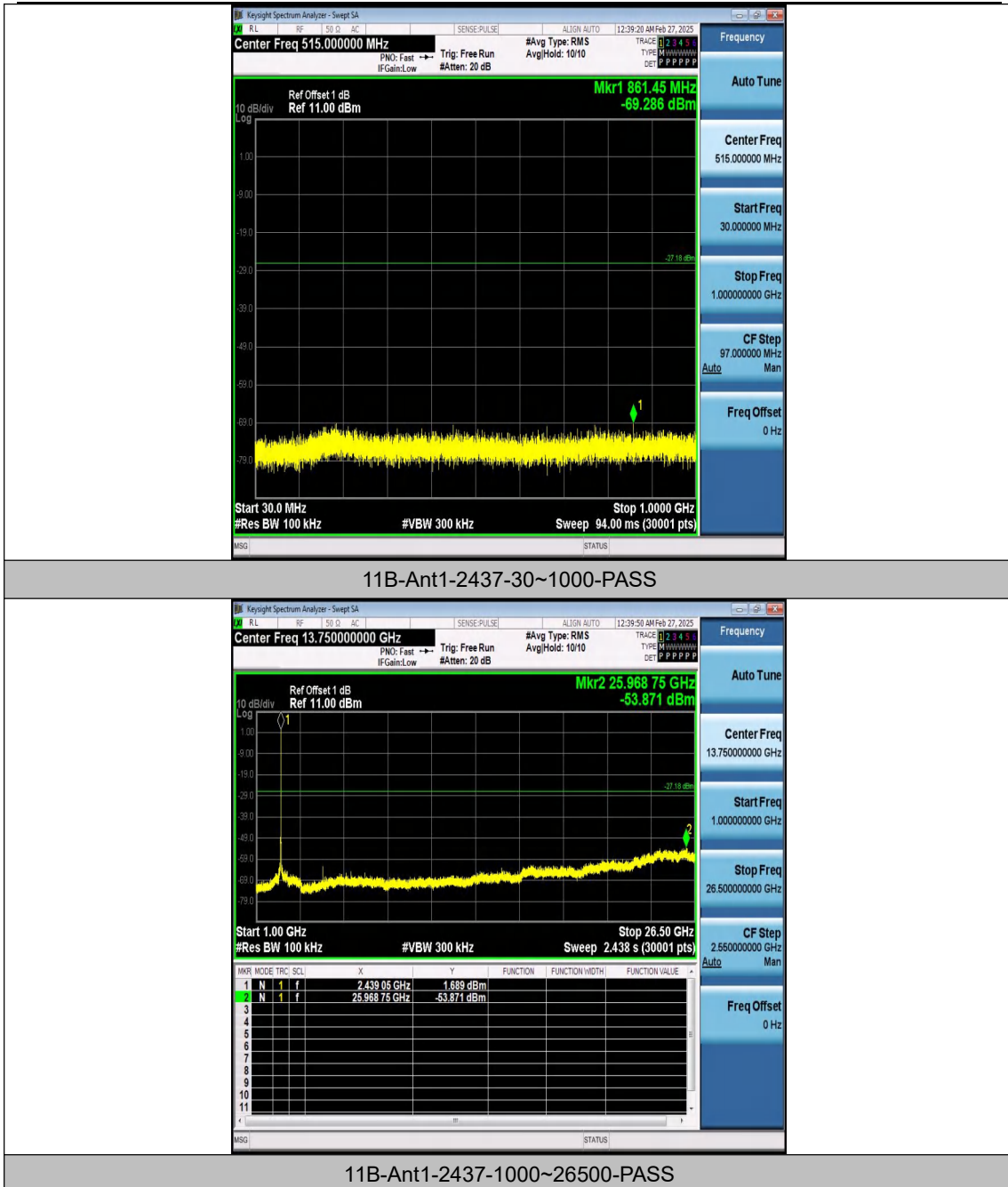


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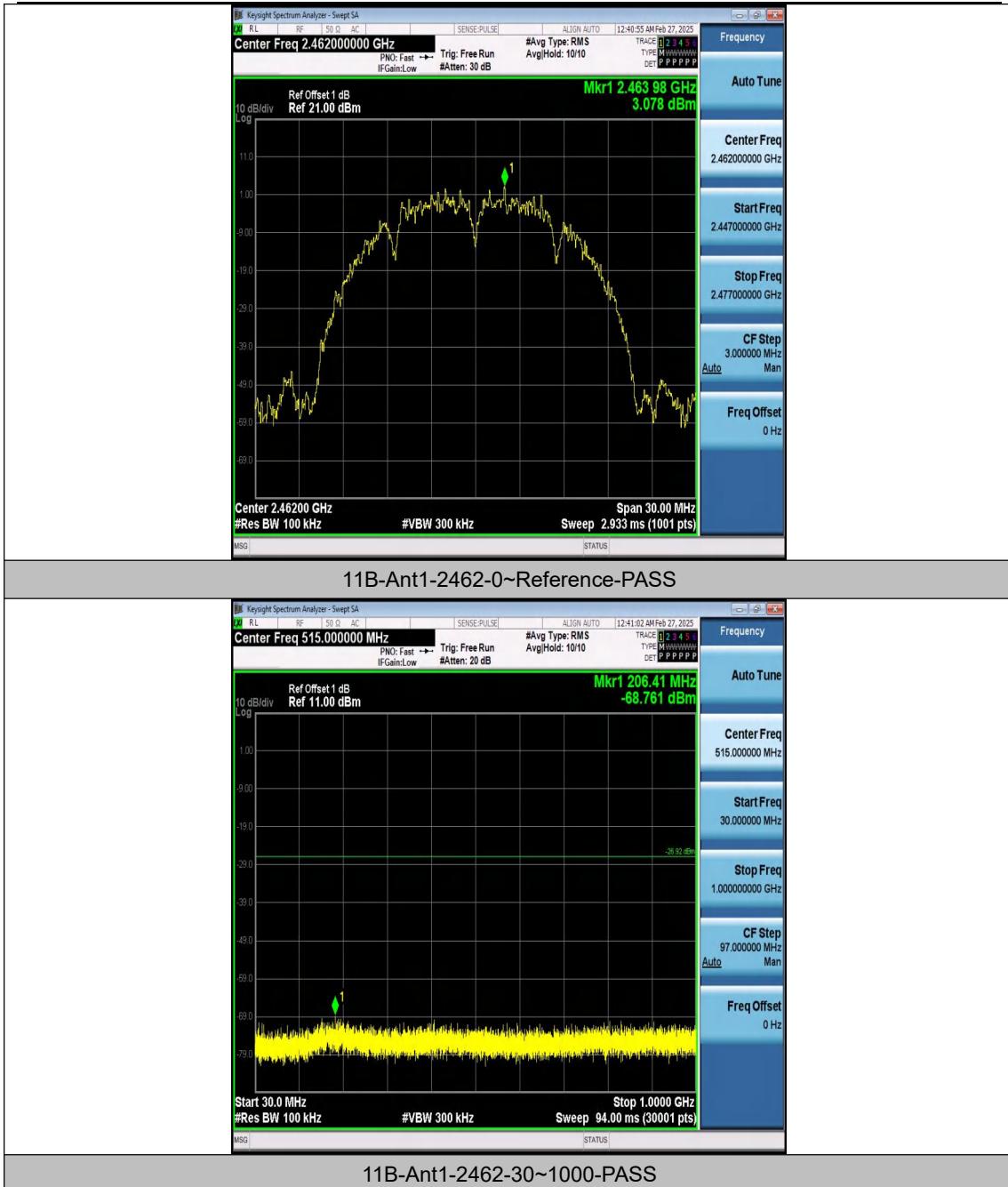


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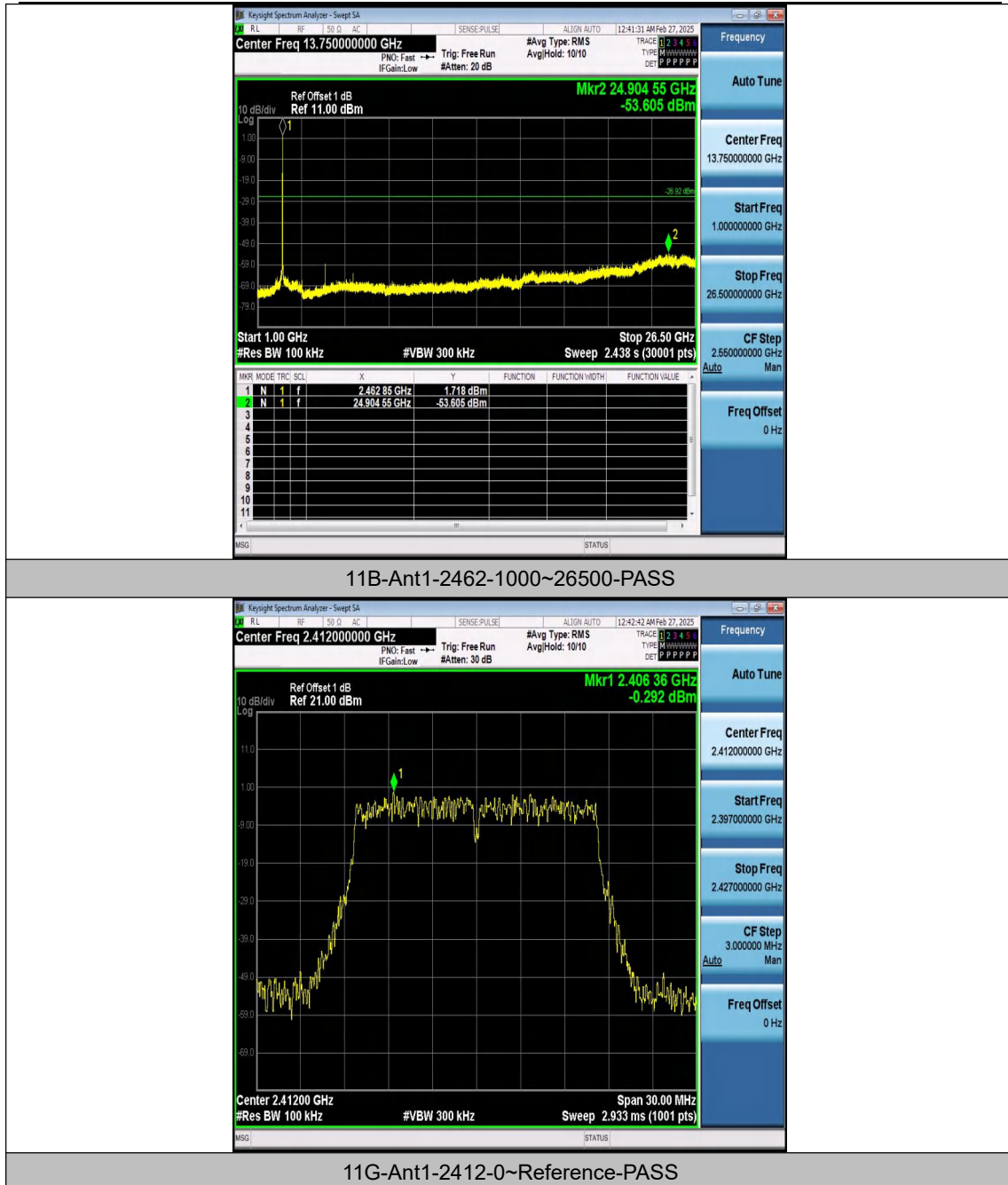


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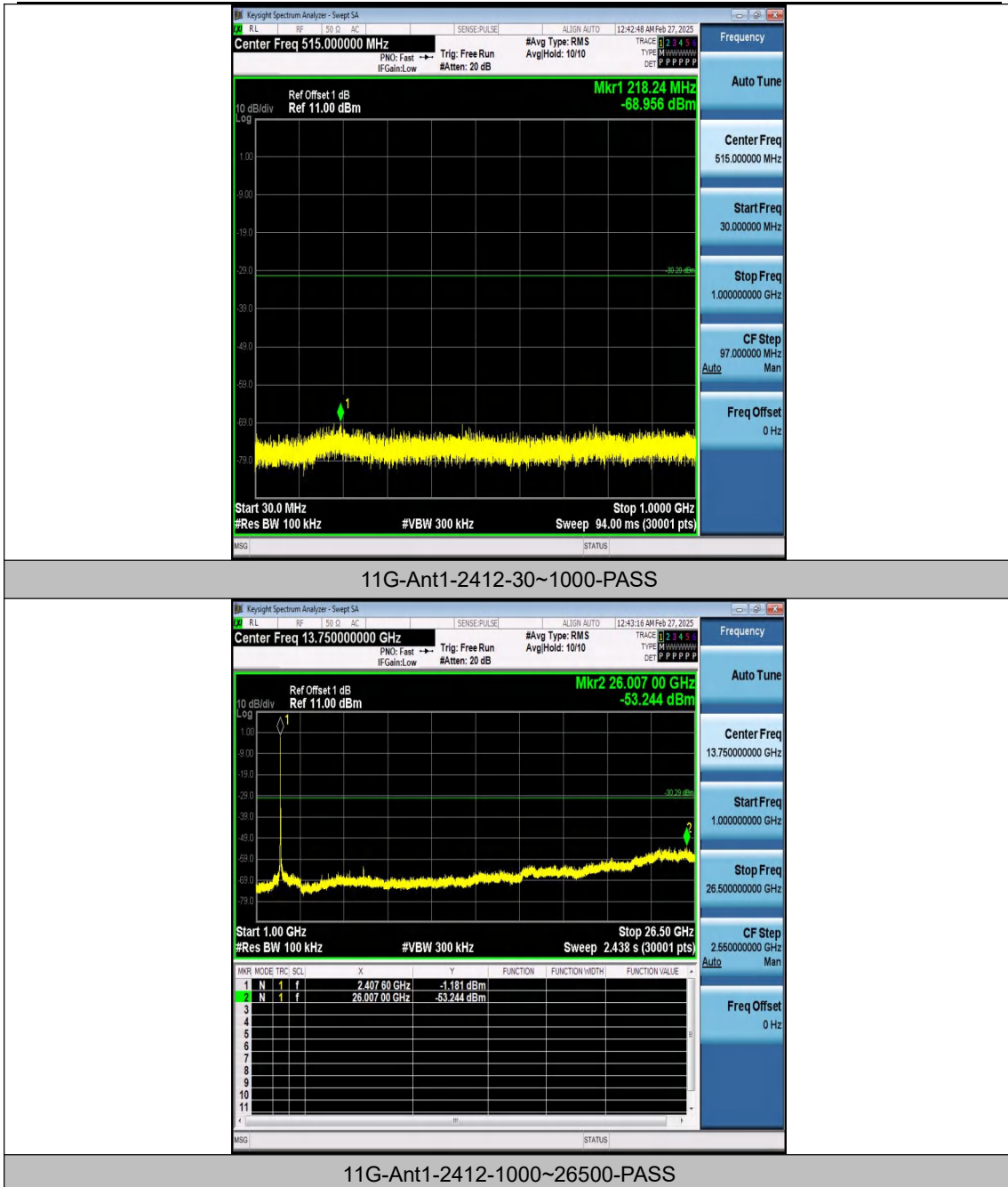


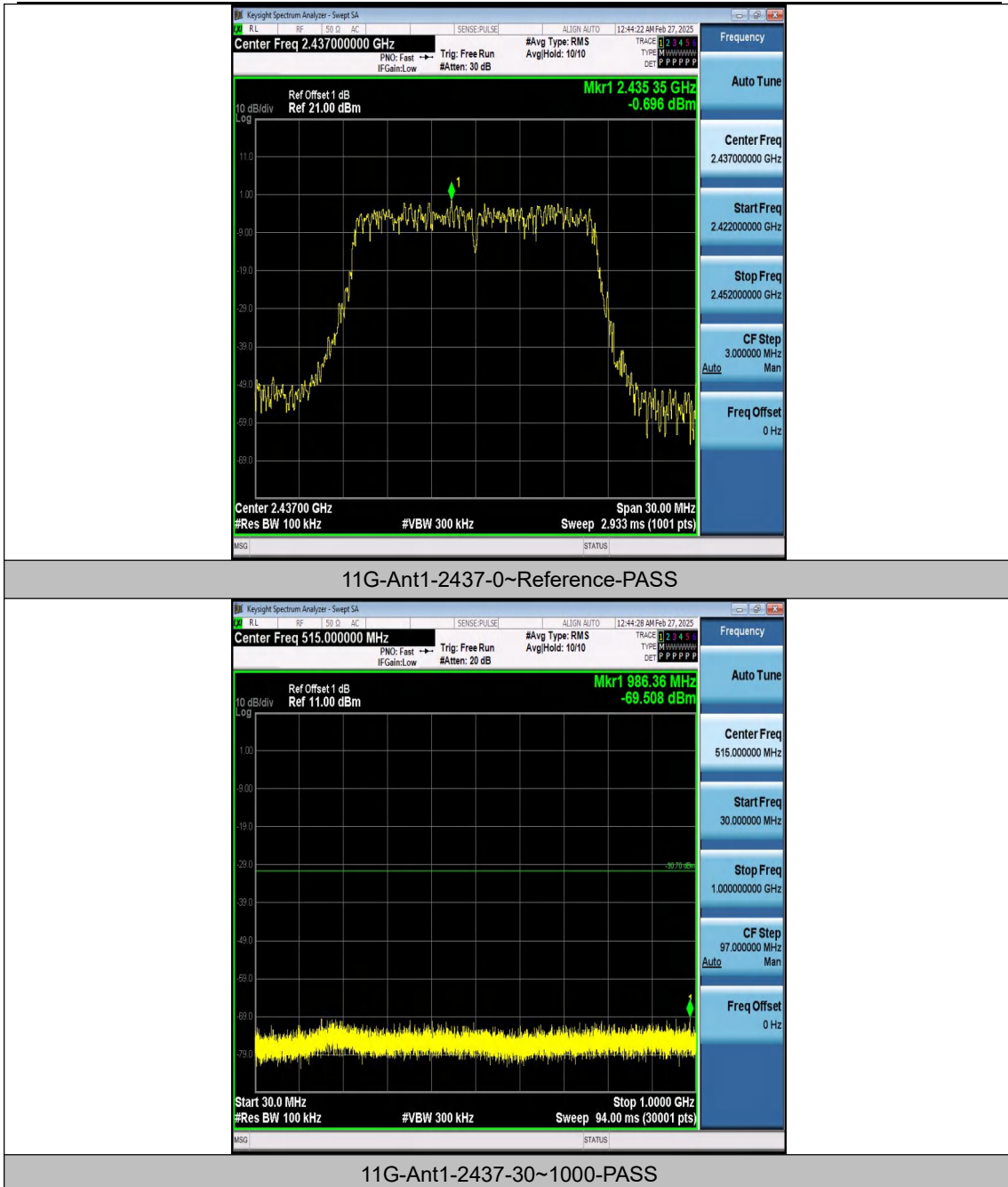
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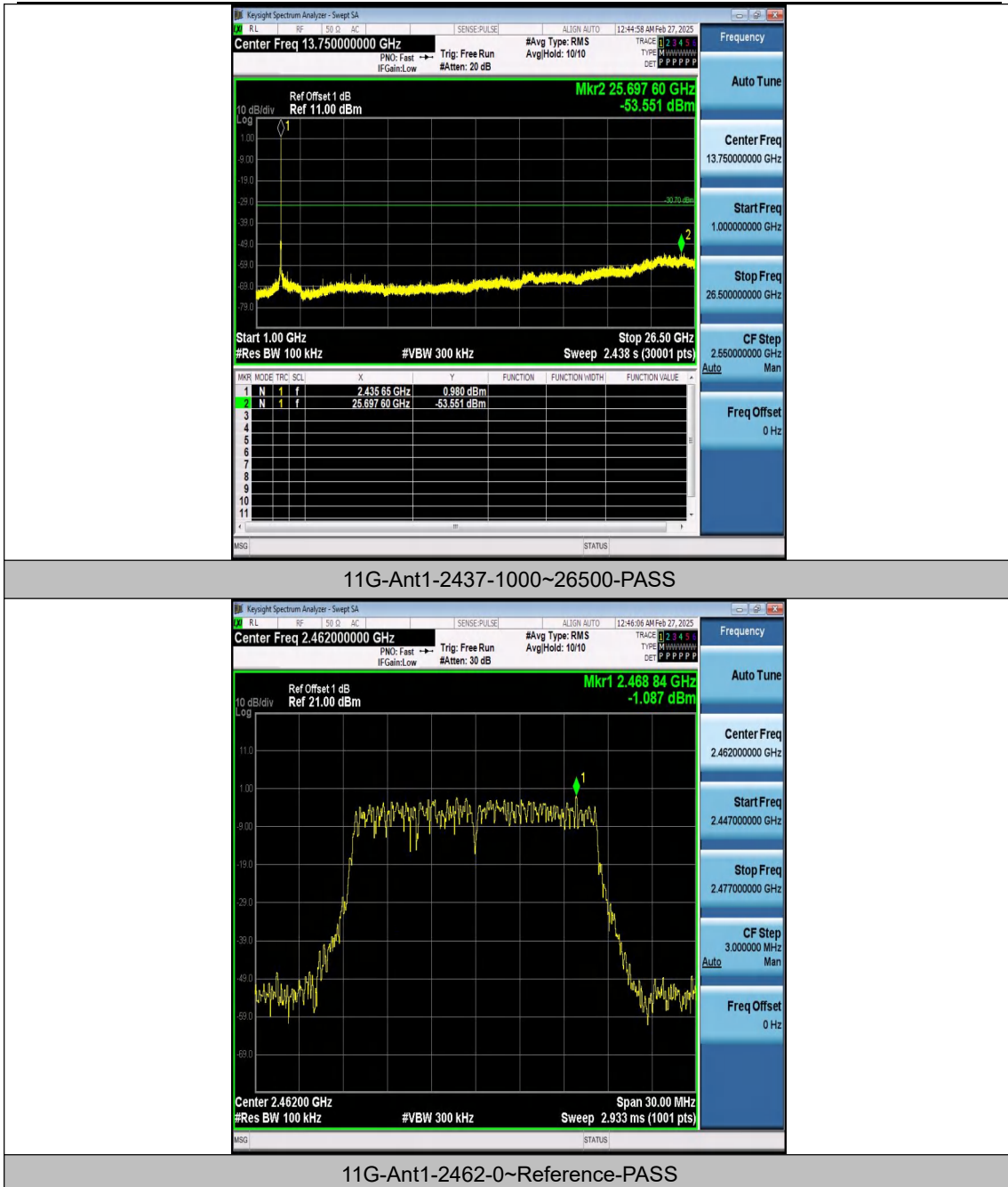


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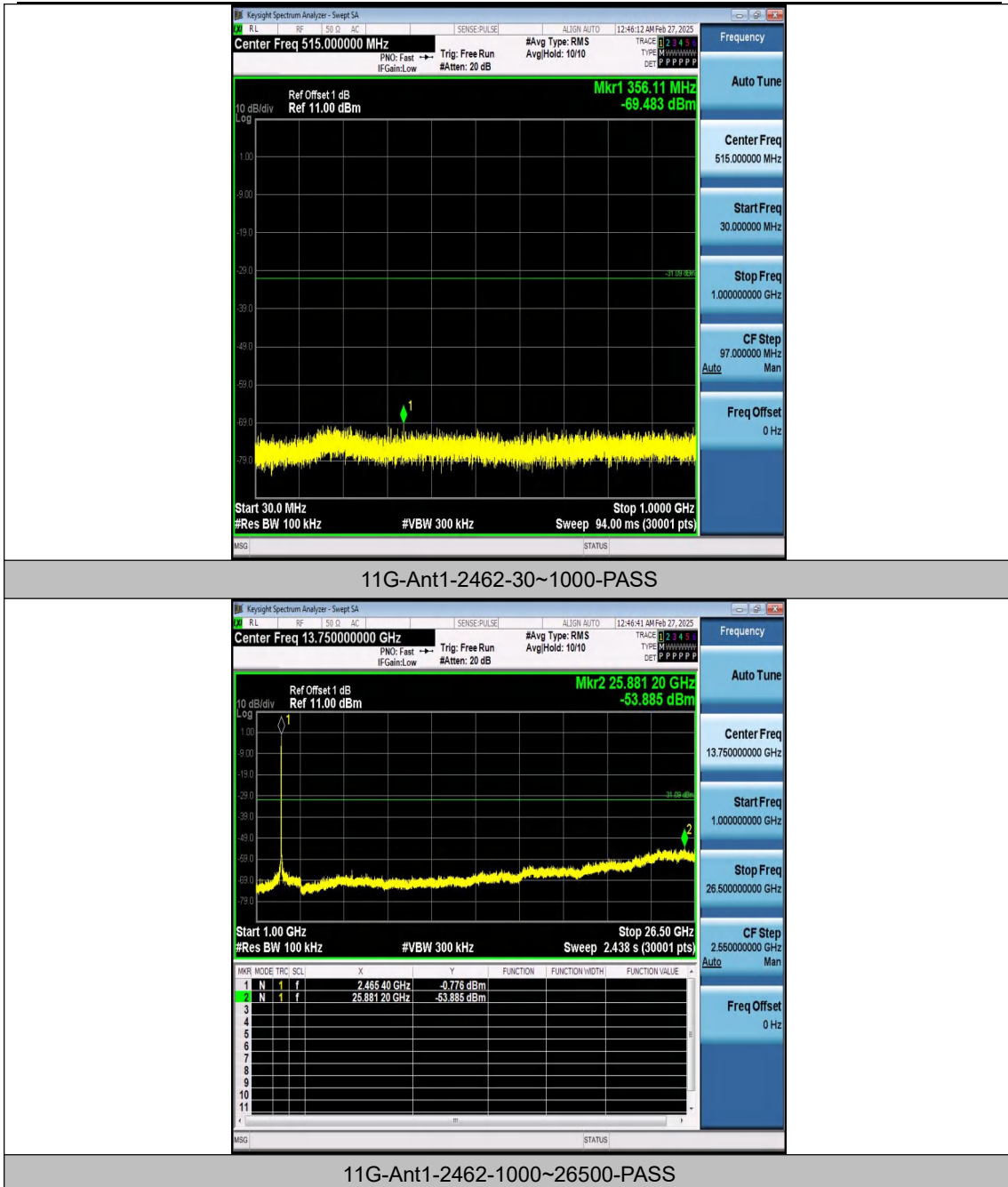


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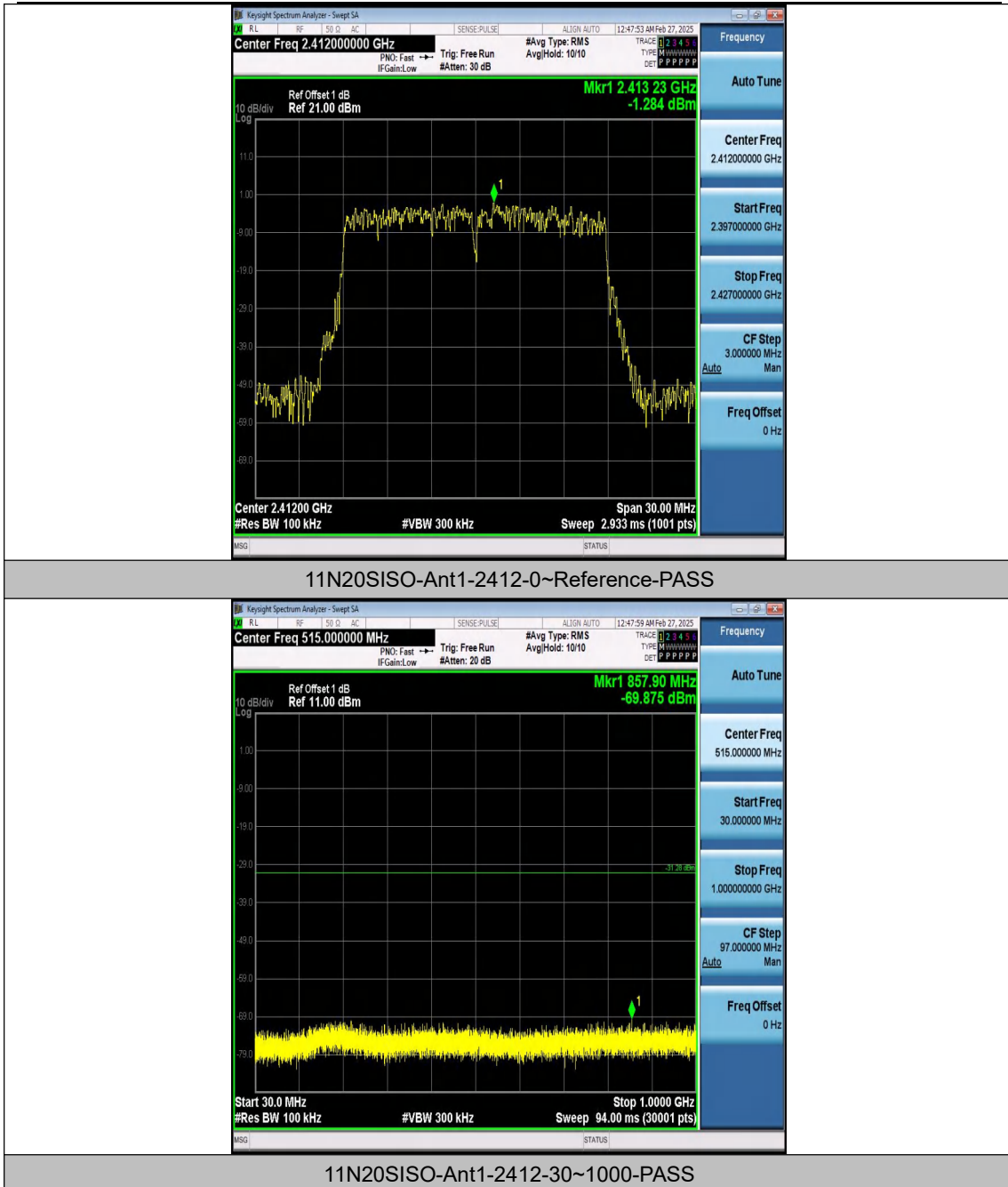


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