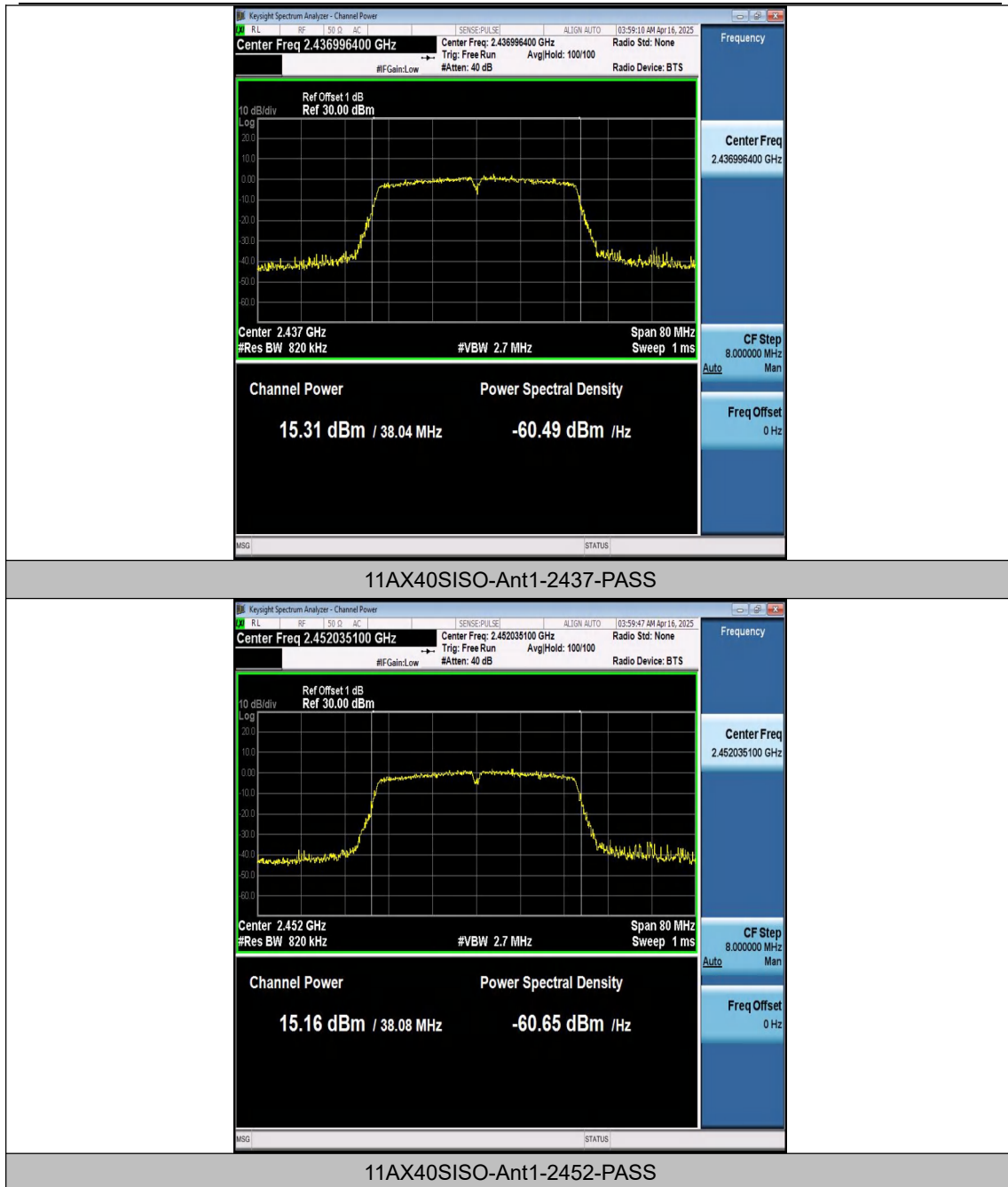




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Appendix D: Maximum power spectral density

Test Result

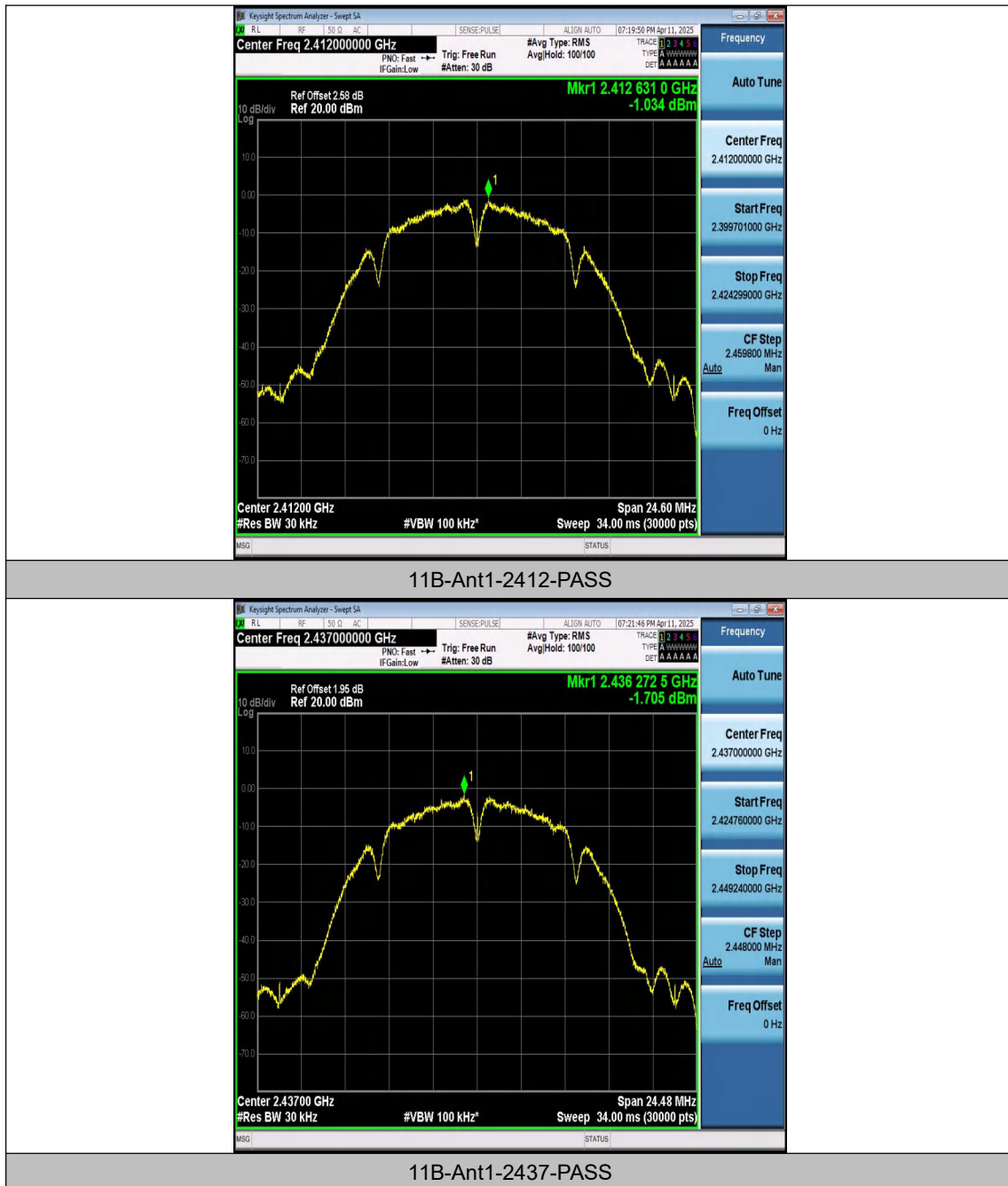
Test Mode	Antenna	Frequency [MHz]	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-1.03	-11.03	≤8.00	PASS
11B	Ant1	2437	-1.71	-11.71	≤8.00	PASS
11B	Ant1	2462	-0.87	-10.87	≤8.00	PASS
11G	Ant1	2412	-7.5	-17.5	≤8.00	PASS
11G	Ant1	2437	-6.29	-16.29	≤8.00	PASS
11G	Ant1	2462	-6.51	-16.51	≤8.00	PASS
11N20SISO	Ant1	2412	-7.1	-17.1	≤8.00	PASS
11N20SISO	Ant1	2437	-7.44	-17.44	≤8.00	PASS
11N20SISO	Ant1	2462	-6.61	-16.61	≤8.00	PASS
11N40SISO	Ant1	2422	-10.92	-20.92	≤8.00	PASS
11N40SISO	Ant1	2437	-10.03	-20.03	≤8.00	PASS
11N40SISO	Ant1	2452	-10.83	-20.83	≤8.00	PASS
11AX20SISO	Ant1	2412	-8.91	-18.91	≤8.00	PASS
11AX20SISO	Ant1	2437	-8.62	-18.62	≤8.00	PASS
11AX20SISO	Ant1	2462	-7.47	-17.47	≤8.00	PASS
11AX40SISO	Ant1	2422	-12.08	-22.08	≤8.00	PASS
11AX40SISO	Ant1	2437	-11.73	-21.73	≤8.00	PASS
11AX40SISO	Ant1	2452	-12.82	-22.82	≤8.00	PASS

Note:

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



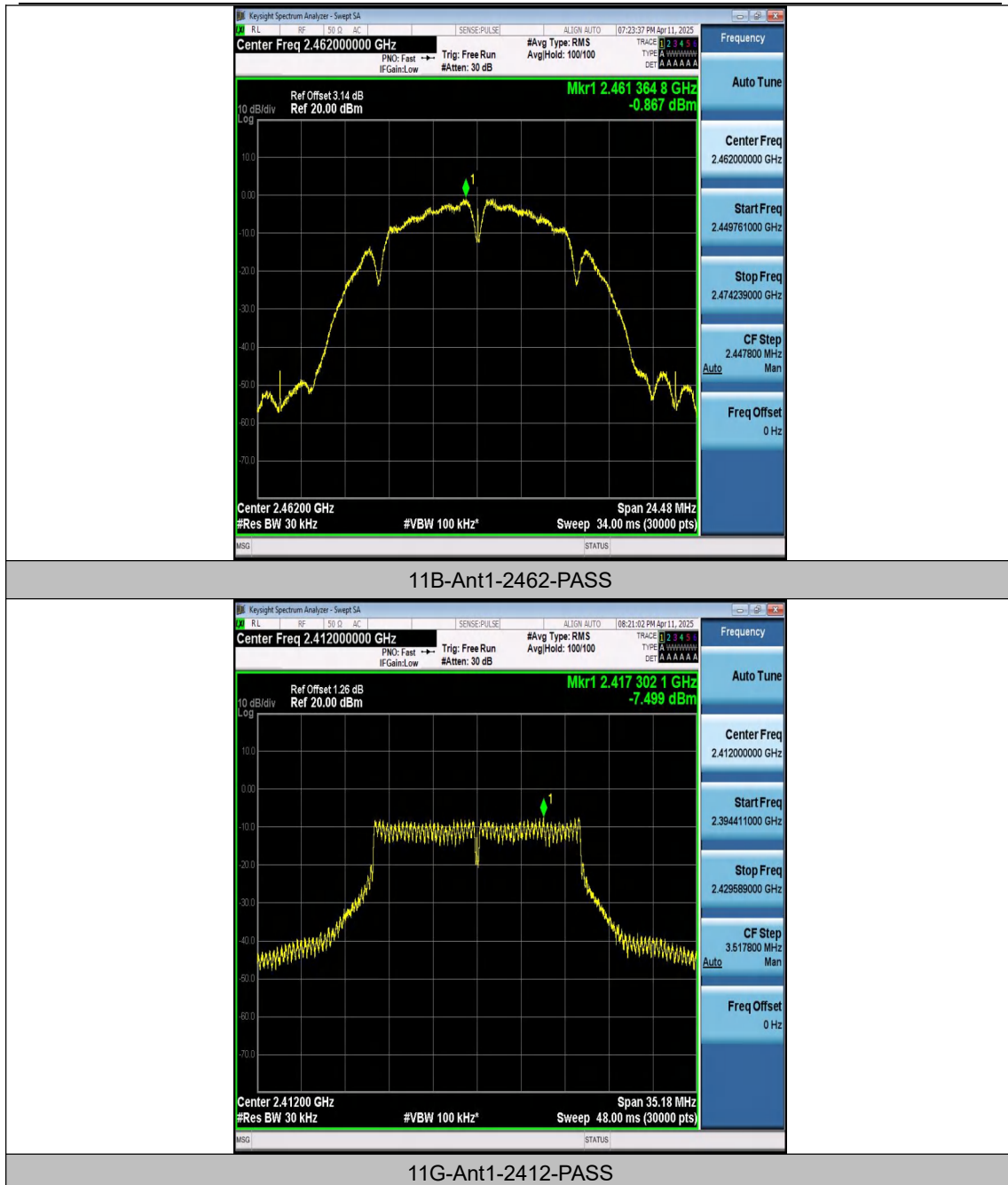
Test Graphs



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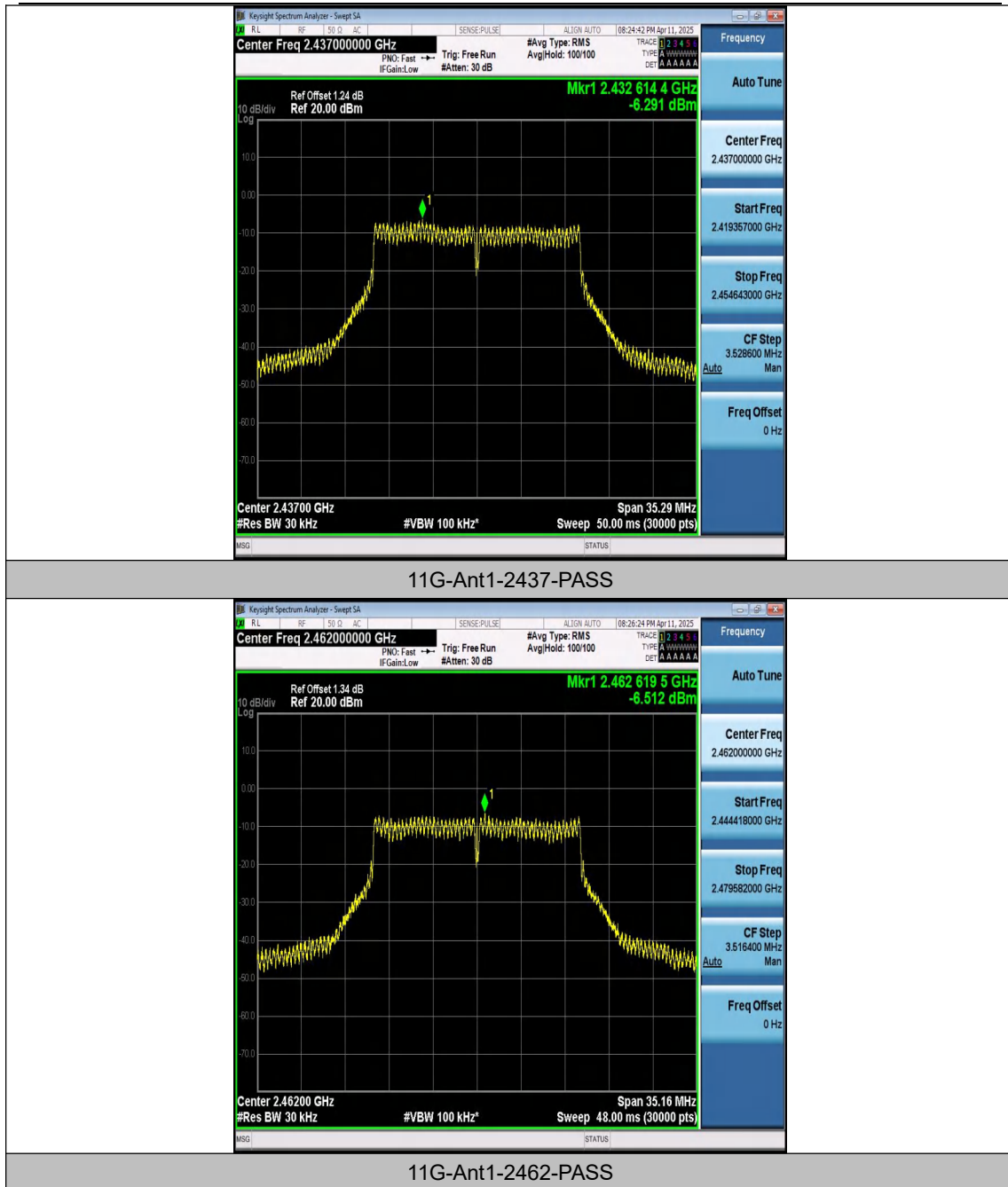


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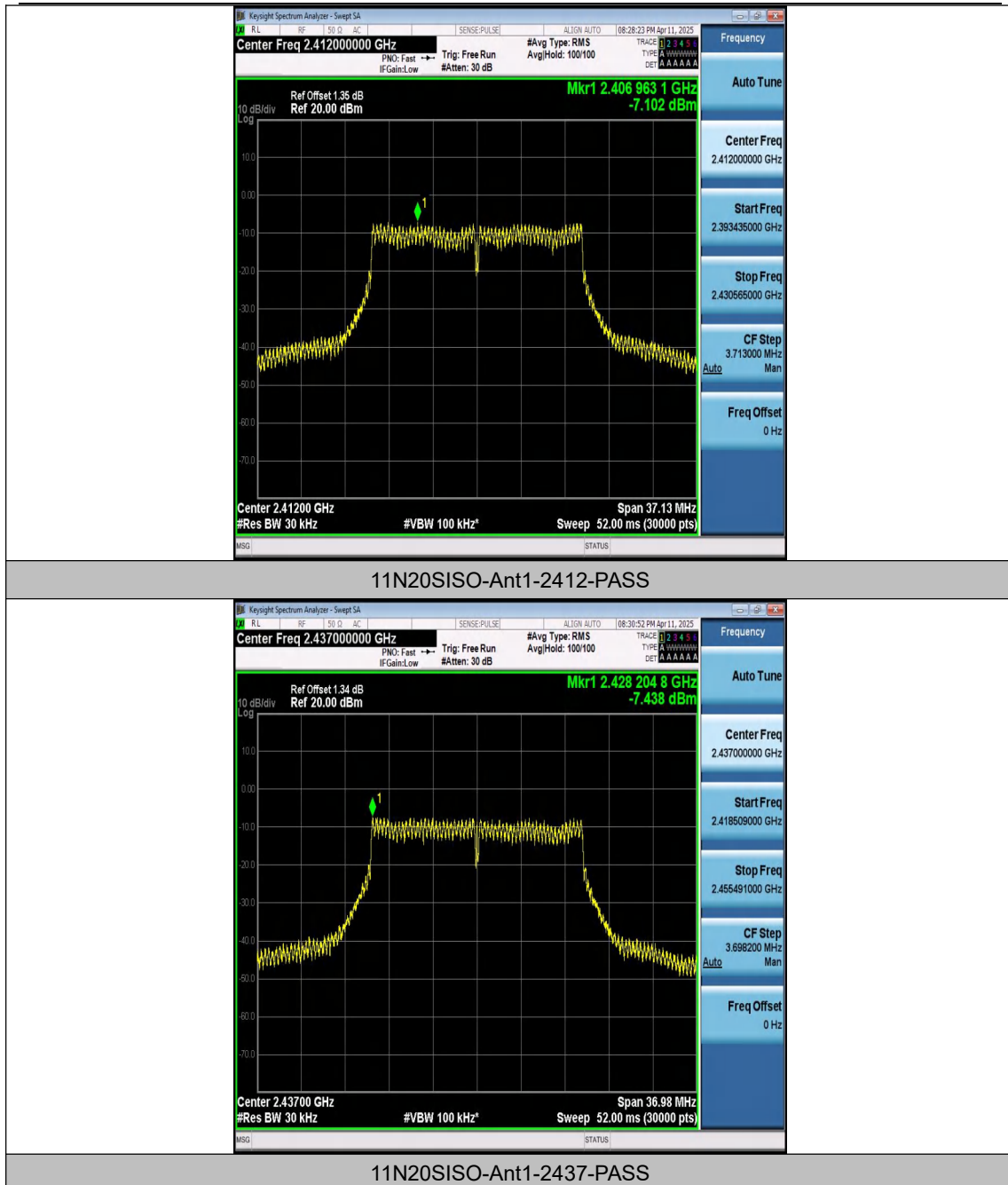
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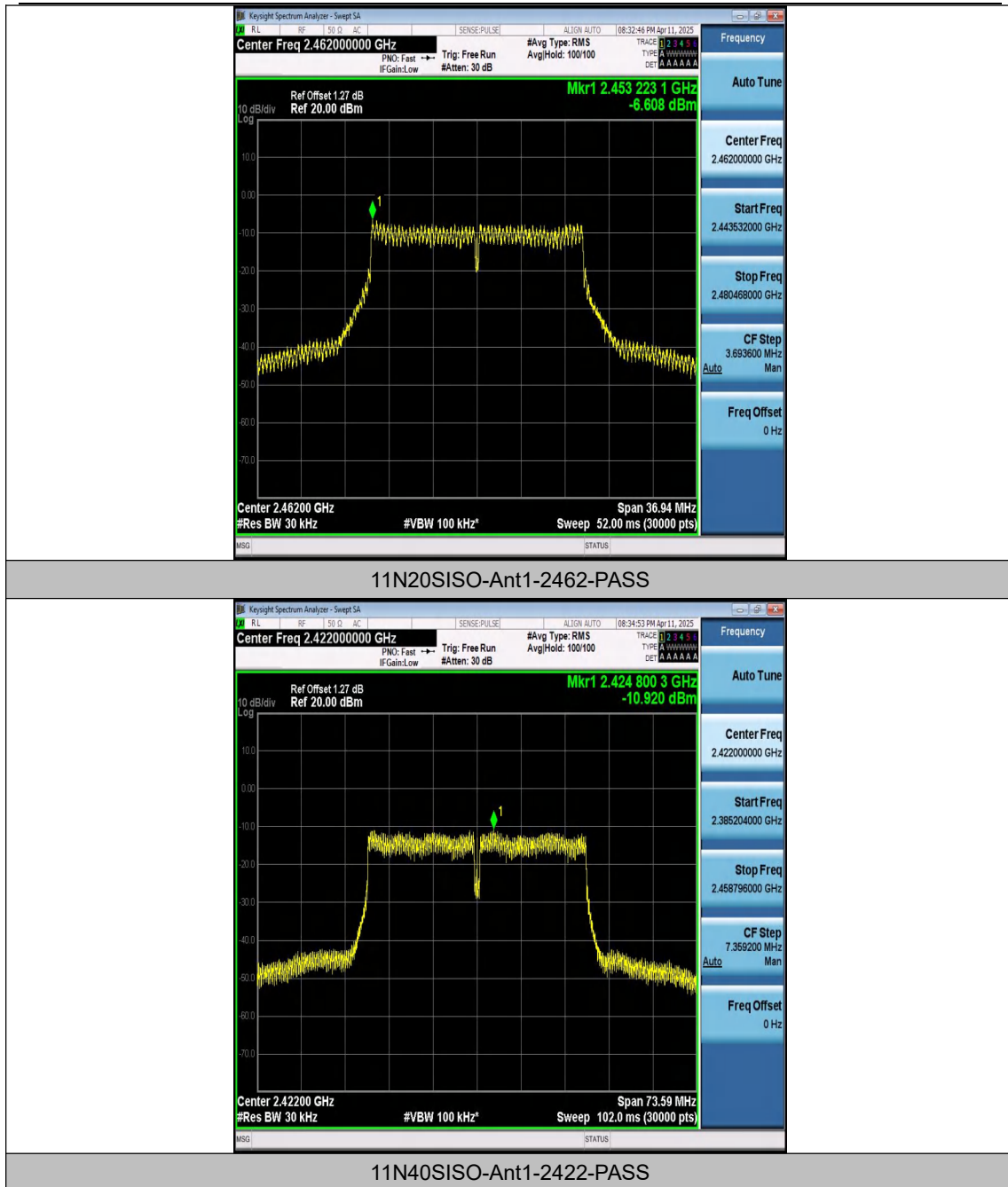


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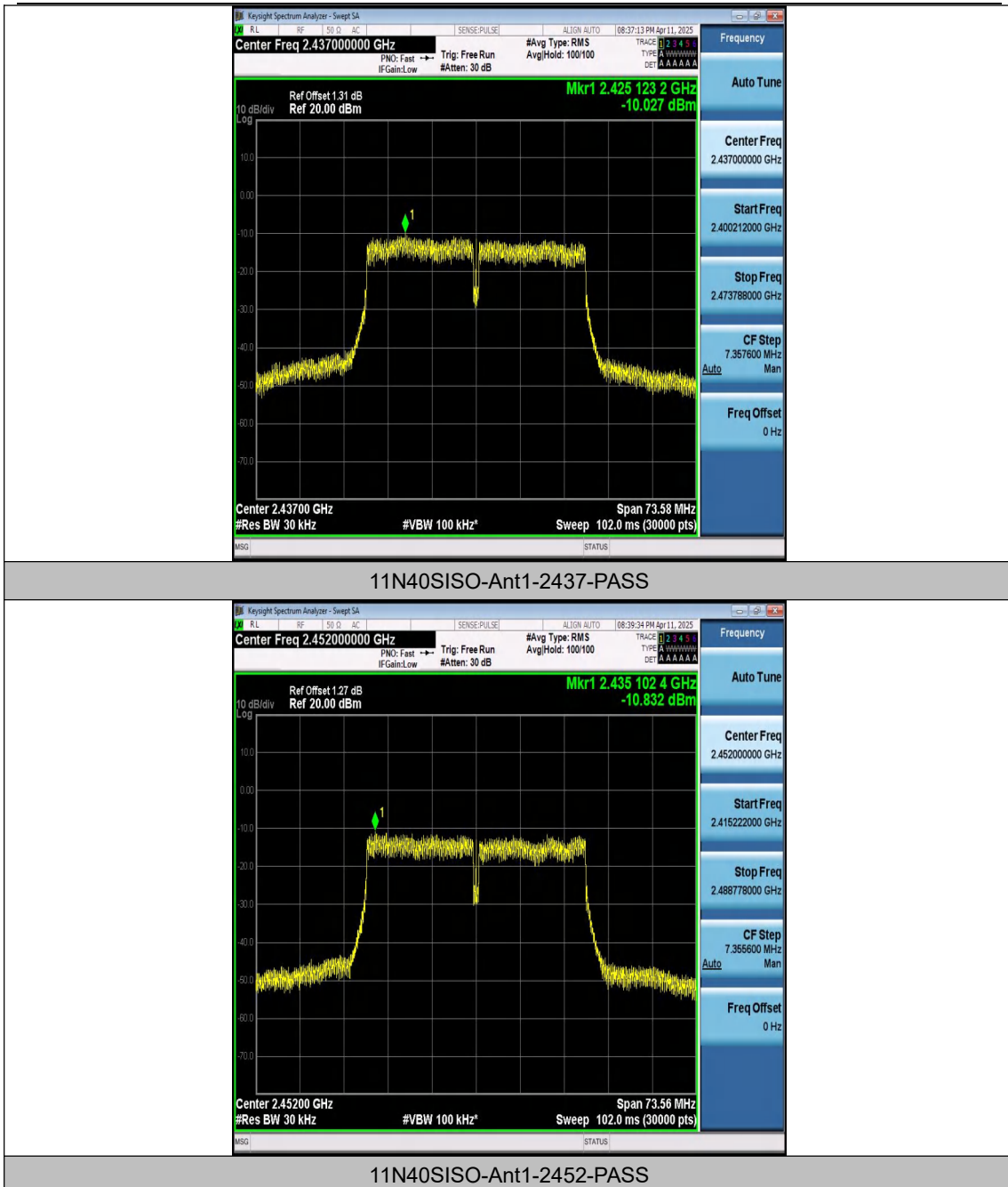
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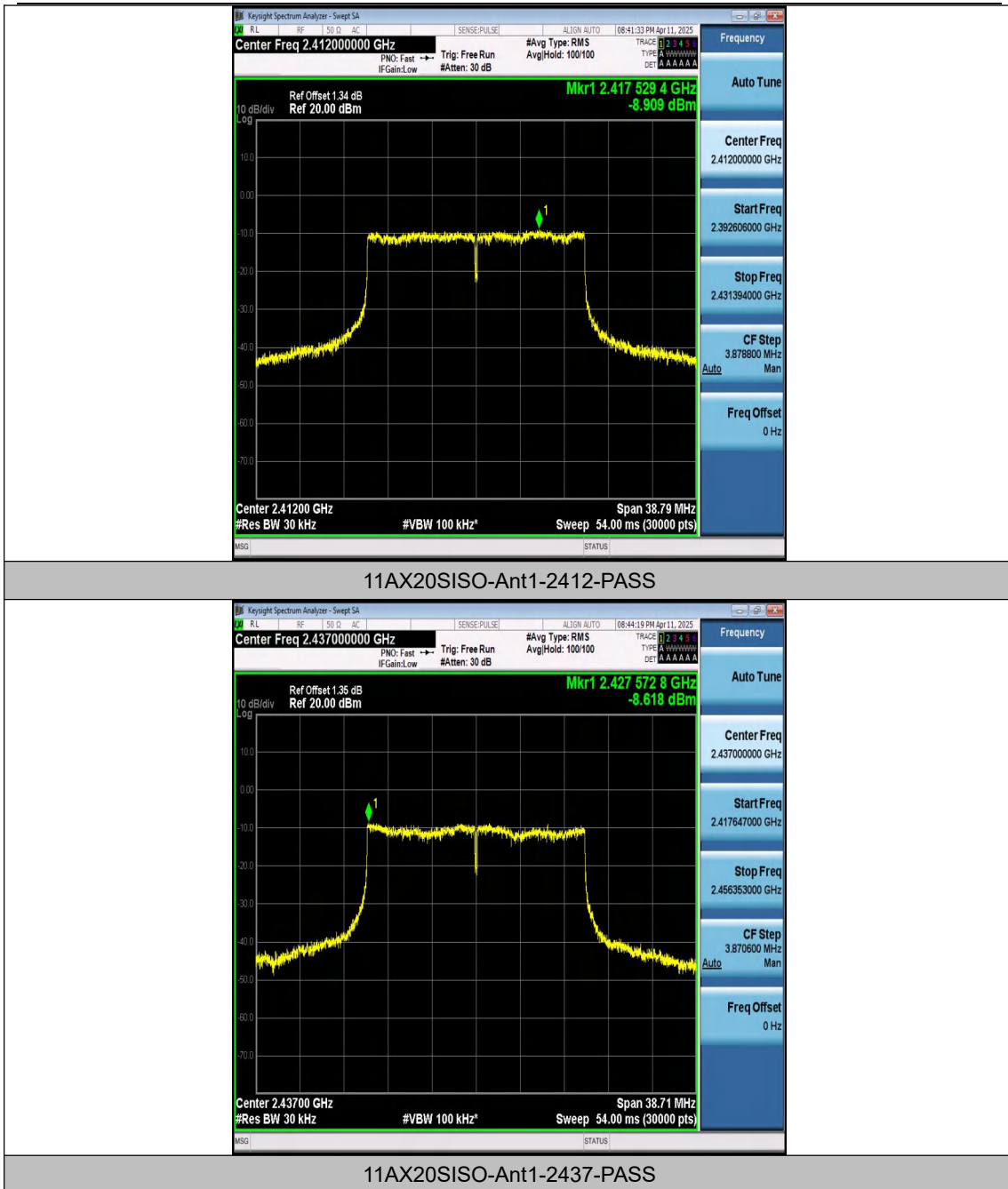
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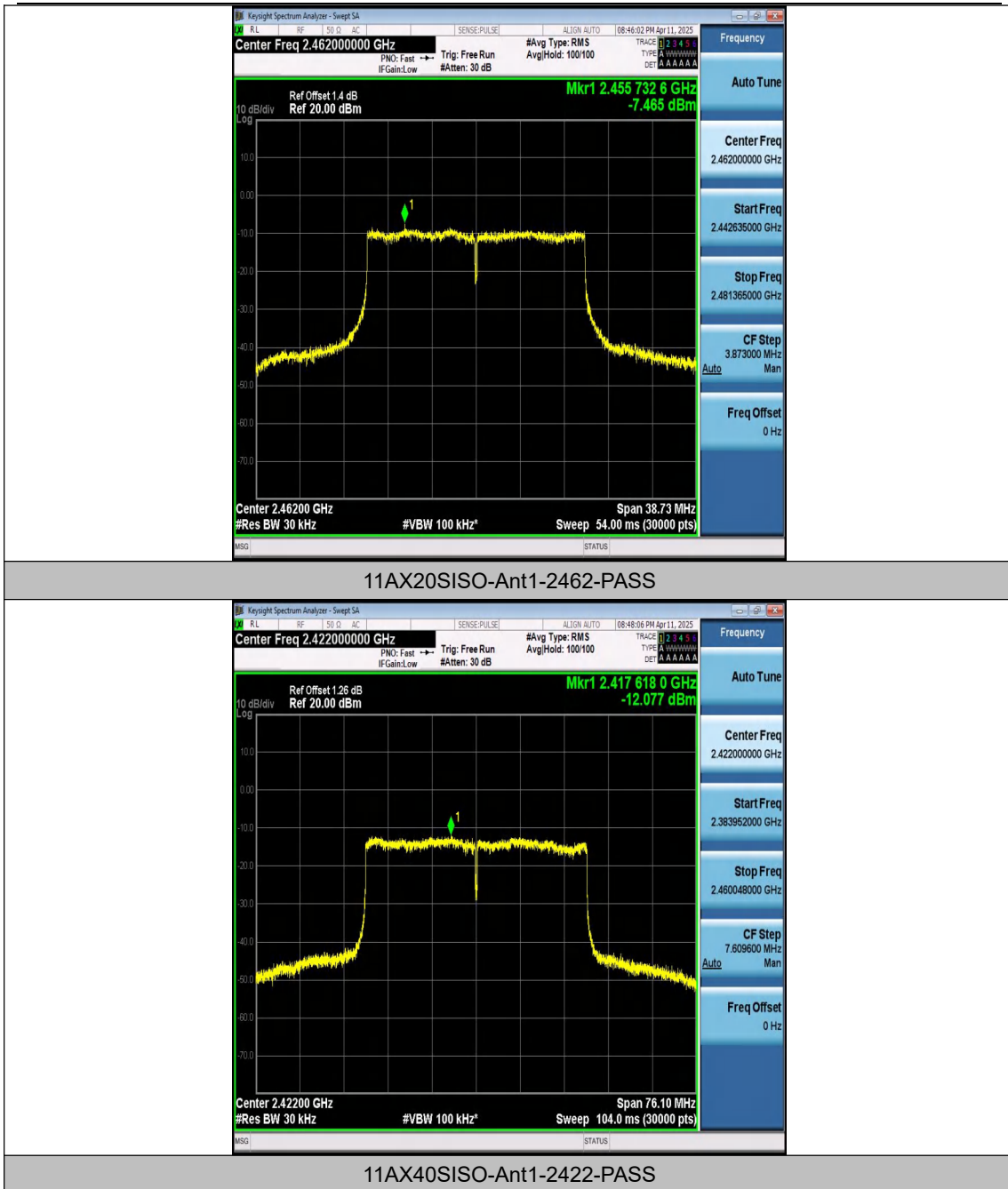
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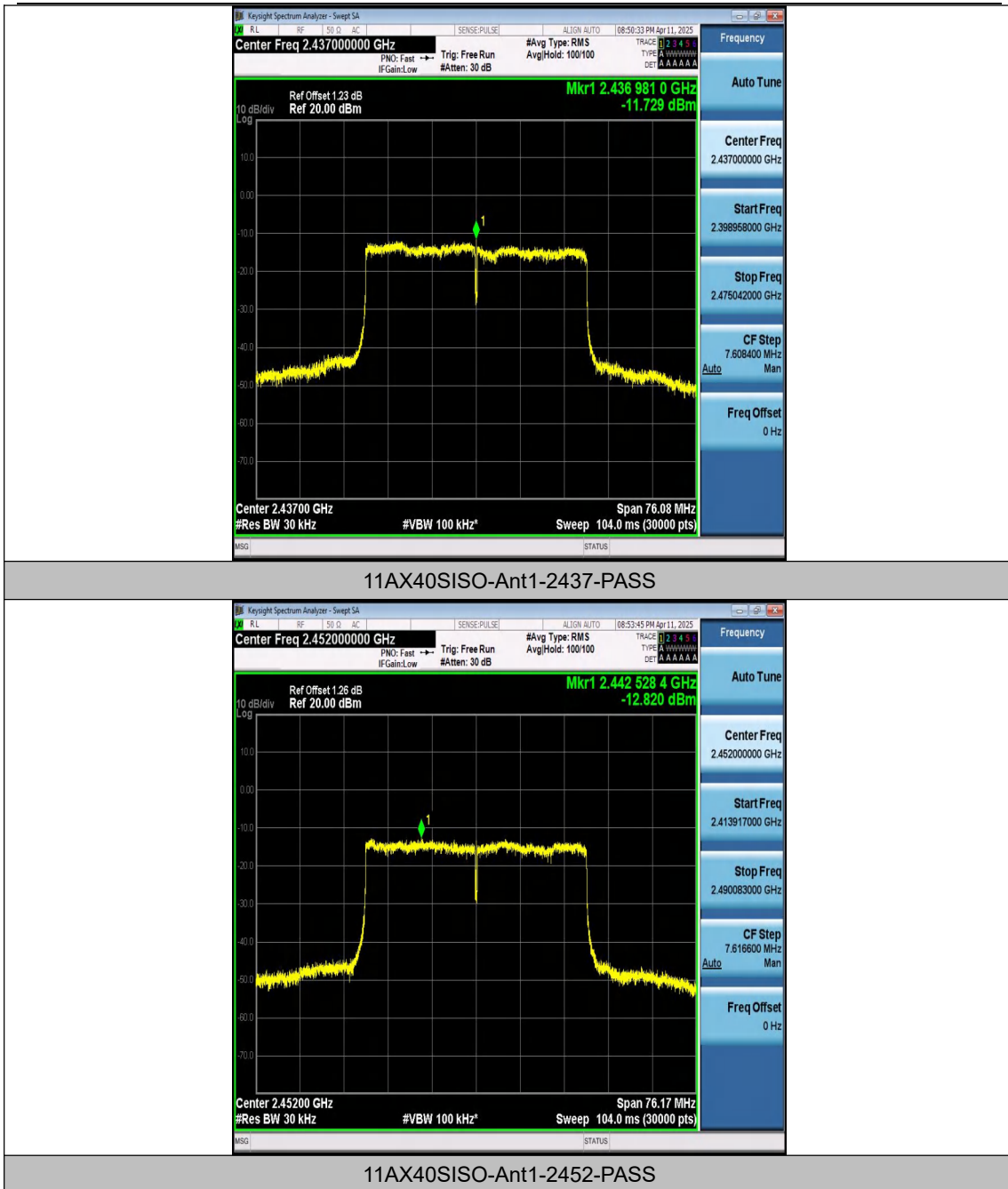
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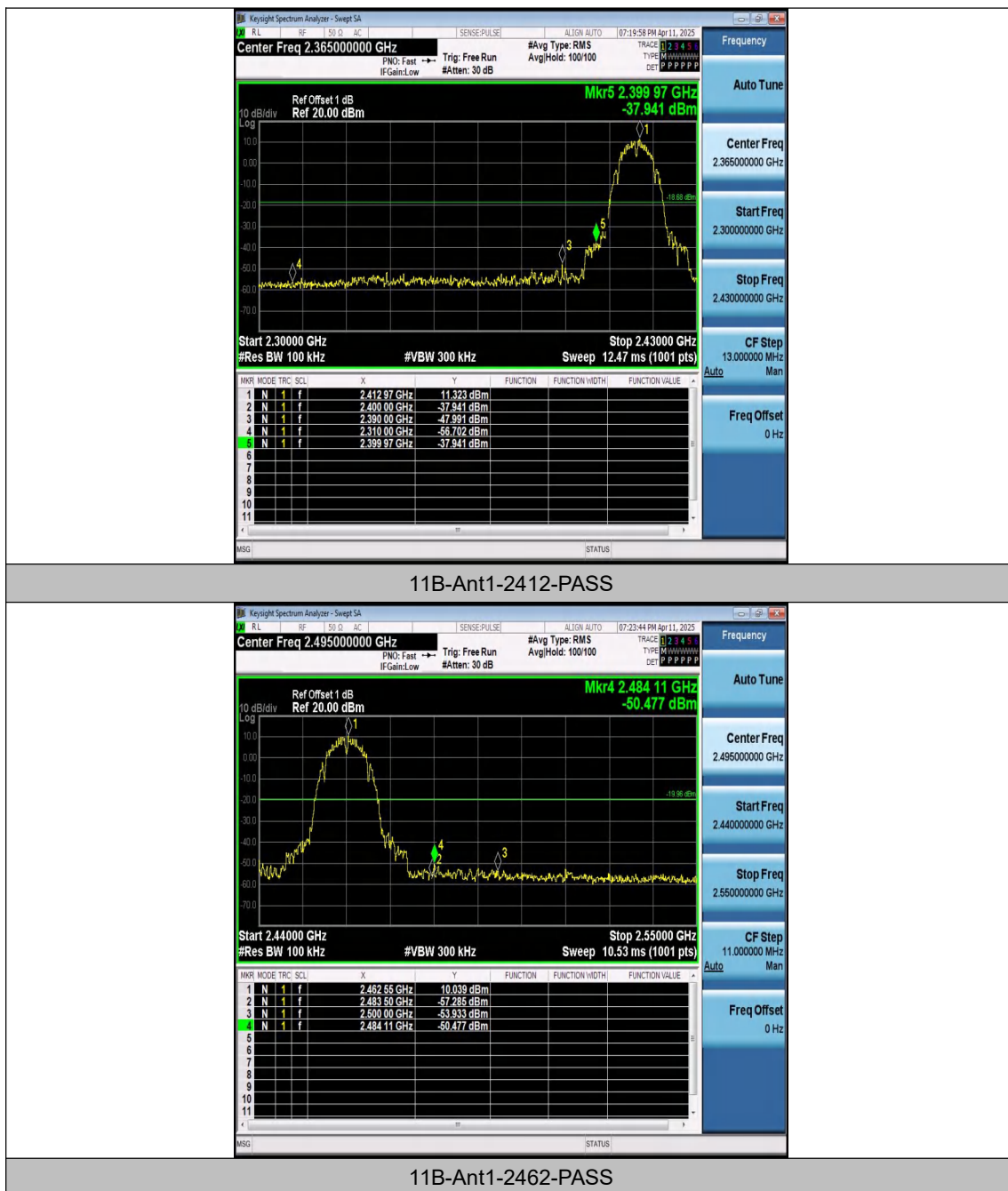
Appendix E: Conducted Band edge

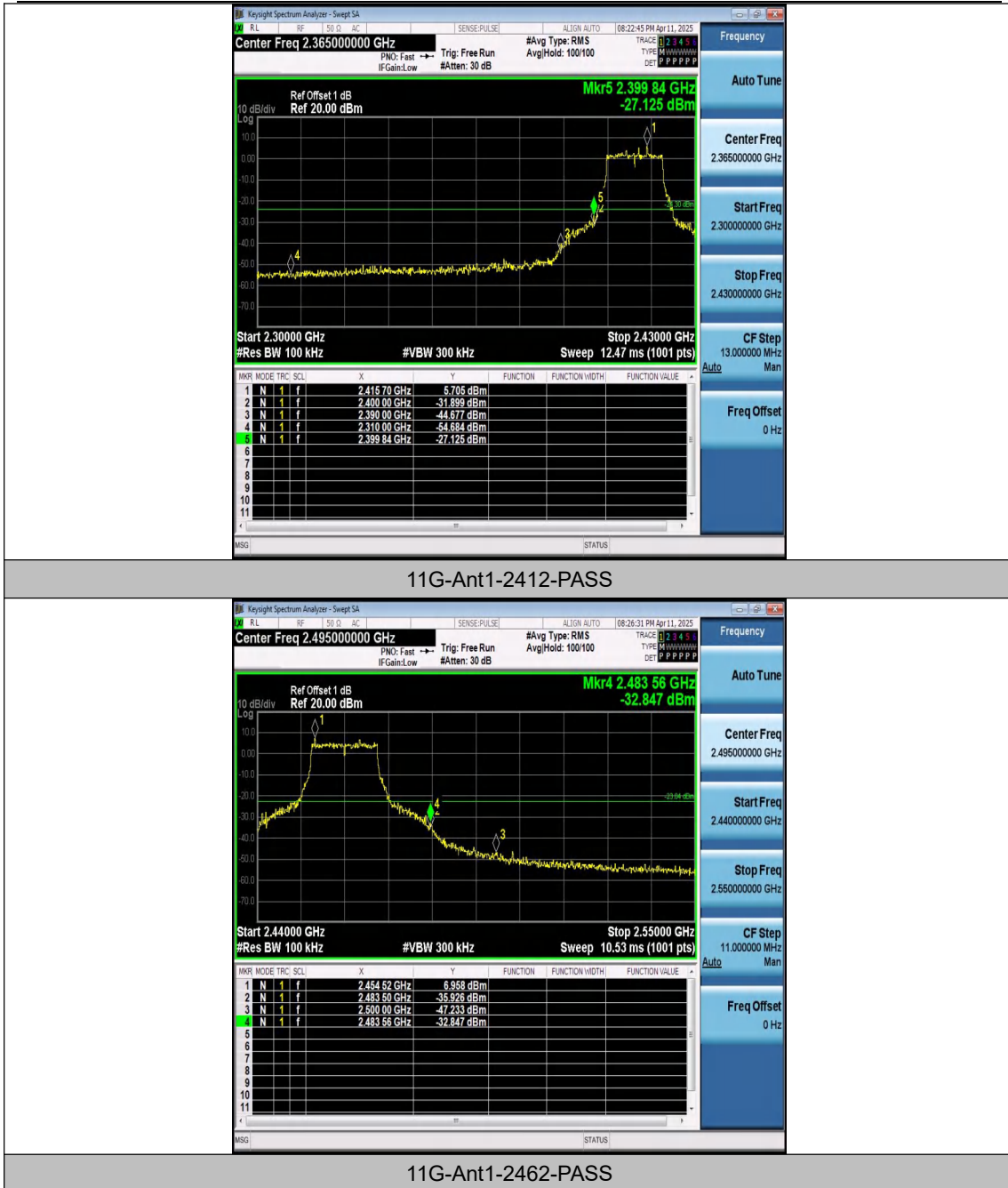
Test Result

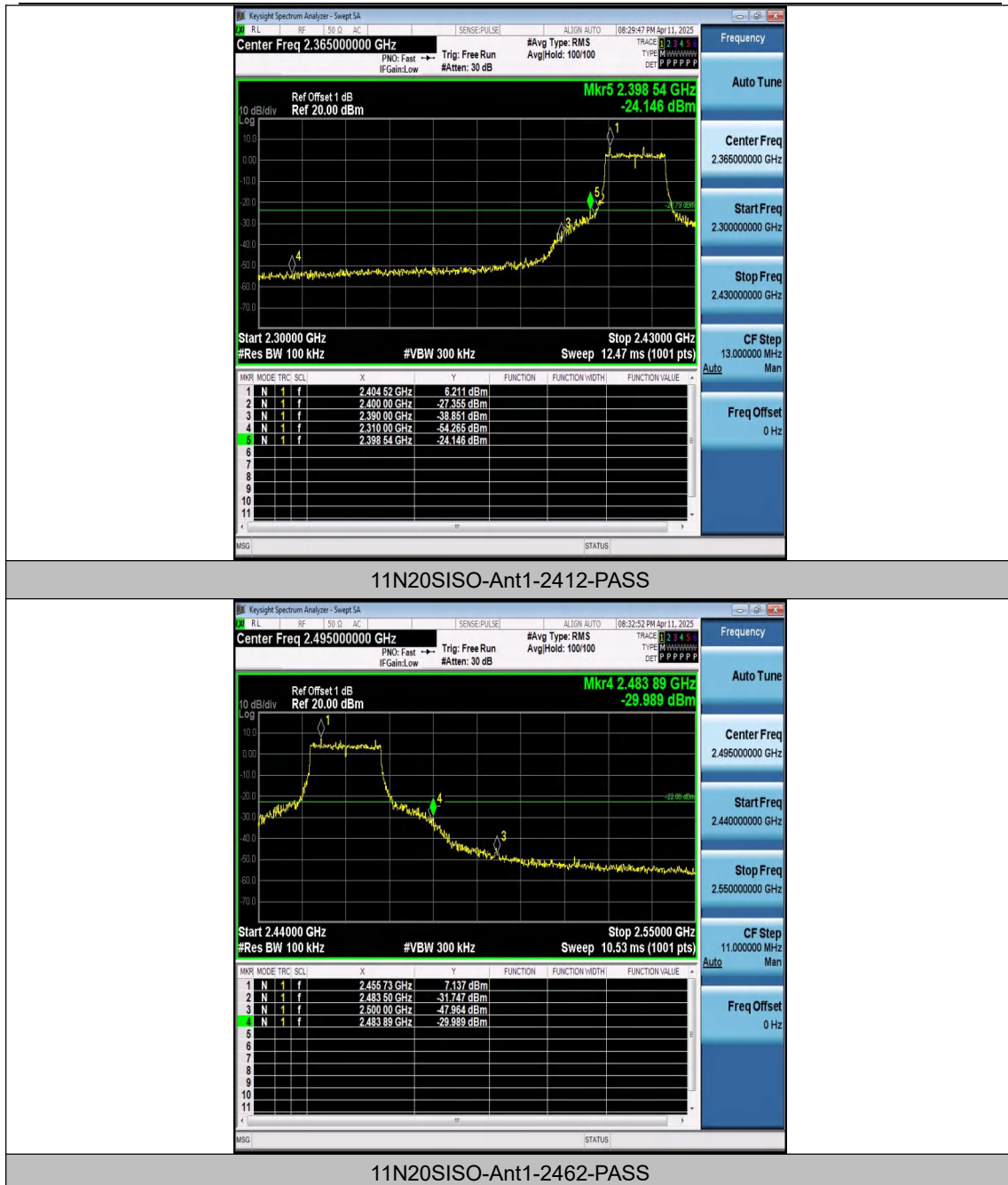
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	11.32	-37.94	≤-18.68	PASS
11B	Ant1	High	2462	10.04	-50.48	≤-19.96	PASS
11G	Ant1	Low	2412	5.71	-27.13	≤-24.3	PASS
11G	Ant1	High	2462	6.96	-32.85	≤-23.04	PASS
11N20SISO	Ant1	Low	2412	6.21	-24.15	≤-23.79	PASS
11N20SISO	Ant1	High	2462	7.14	-29.99	≤-22.86	PASS
11N40SISO	Ant1	Low	2422	3.28	-29.89	≤-26.73	PASS
11N40SISO	Ant1	High	2452	3.68	-29.7	≤-26.32	PASS
11AX20SISO	Ant1	Low	2412	5.56	-26.54	≤-24.45	PASS
11AX20SISO	Ant1	High	2462	6.25	-27.06	≤-23.75	PASS
11AX40SISO	Ant1	Low	2422	1.99	-28.89	≤-28.01	PASS
11AX40SISO	Ant1	High	2452	3.48	-27.85	≤-26.52	PASS



Test Graphs





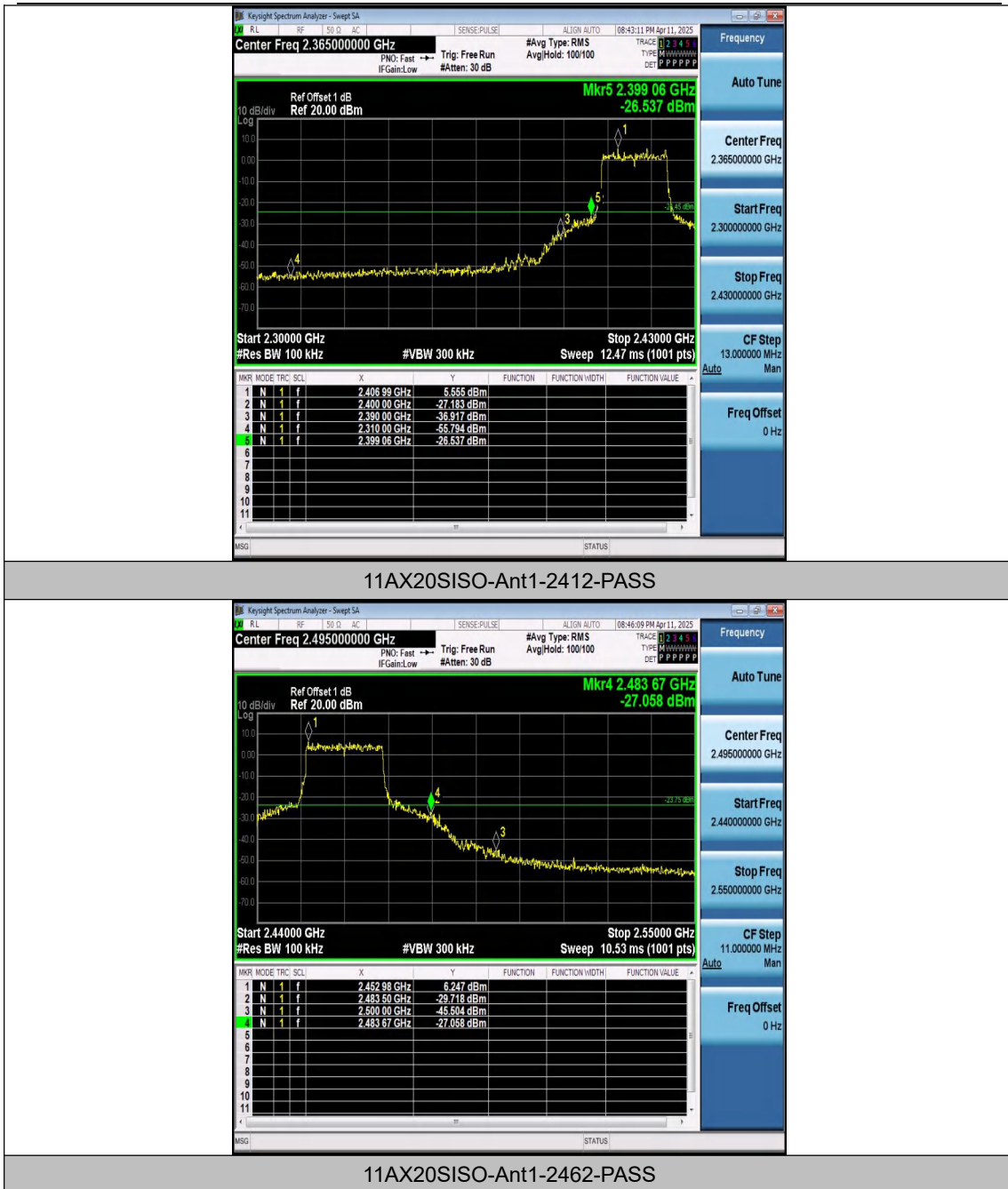




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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	10.35	10.35	---	PASS
11B	Ant1	2412	30~1000	10.35	-60.54	≤-19.65	PASS
11B	Ant1	2412	1000~26500	10.35	-44.7	≤-19.65	PASS
11B	Ant1	2437	0~Reference	9.63	9.63	---	PASS
11B	Ant1	2437	30~1000	9.63	-65.76	≤-20.37	PASS
11B	Ant1	2437	1000~26500	9.63	-44.49	≤-20.37	PASS
11B	Ant1	2462	0~Reference	9.41	9.41	---	PASS
11B	Ant1	2462	30~1000	9.41	-63.65	≤-20.59	PASS
11B	Ant1	2462	1000~26500	9.41	-46.08	≤-20.59	PASS
11G	Ant1	2412	0~Reference	2.21	2.21	---	PASS
11G	Ant1	2412	30~1000	2.21	-60.61	≤-27.79	PASS
11G	Ant1	2412	1000~26500	2.21	-52.21	≤-27.79	PASS
11G	Ant1	2437	0~Reference	4.39	4.39	---	PASS
11G	Ant1	2437	30~1000	4.39	-66.6	≤-25.61	PASS
11G	Ant1	2437	1000~26500	4.39	-50.56	≤-25.61	PASS
11G	Ant1	2462	0~Reference	6.94	6.94	---	PASS
11G	Ant1	2462	30~1000	6.94	-59.8	≤-23.06	PASS
11G	Ant1	2462	1000~26500	6.94	-50.01	≤-23.06	PASS
11N20SISO	Ant1	2412	0~Reference	4.53	4.53	---	PASS
11N20SISO	Ant1	2412	30~1000	4.53	-64.43	≤-25.47	PASS
11N20SISO	Ant1	2412	1000~26500	4.53	-51.79	≤-25.47	PASS
11N20SISO	Ant1	2437	0~Reference	4.97	4.97	---	PASS
11N20SISO	Ant1	2437	30~1000	4.97	-65.21	≤-25.03	PASS
11N20SISO	Ant1	2437	1000~26500	4.97	-50.16	≤-25.03	PASS
11N20SISO	Ant1	2462	0~Reference	4.16	4.16	---	PASS
11N20SISO	Ant1	2462	30~1000	4.16	-65.96	≤-25.84	PASS
11N20SISO	Ant1	2462	1000~26500	4.16	-49.96	≤-25.84	PASS
11N40SISO	Ant1	2422	0~Reference	4.07	4.07	---	PASS
11N40SISO	Ant1	2422	30~1000	4.07	-59.2	≤-25.93	PASS
11N40SISO	Ant1	2422	1000~26500	4.07	-52.45	≤-25.93	PASS
11N40SISO	Ant1	2437	0~Reference	3.22	3.22	---	PASS
11N40SISO	Ant1	2437	30~1000	3.22	-59.29	≤-26.78	PASS
11N40SISO	Ant1	2437	1000~26500	3.22	-50.25	≤-26.78	PASS
11N40SISO	Ant1	2452	0~Reference	3.70	3.70	---	PASS
11N40SISO	Ant1	2452	30~1000	3.70	-60.34	≤-26.3	PASS
11N40SISO	Ant1	2452	1000~26500	3.70	-49.06	≤-26.3	PASS
11AX20SISO	Ant1	2412	0~Reference	5.37	5.37	---	PASS

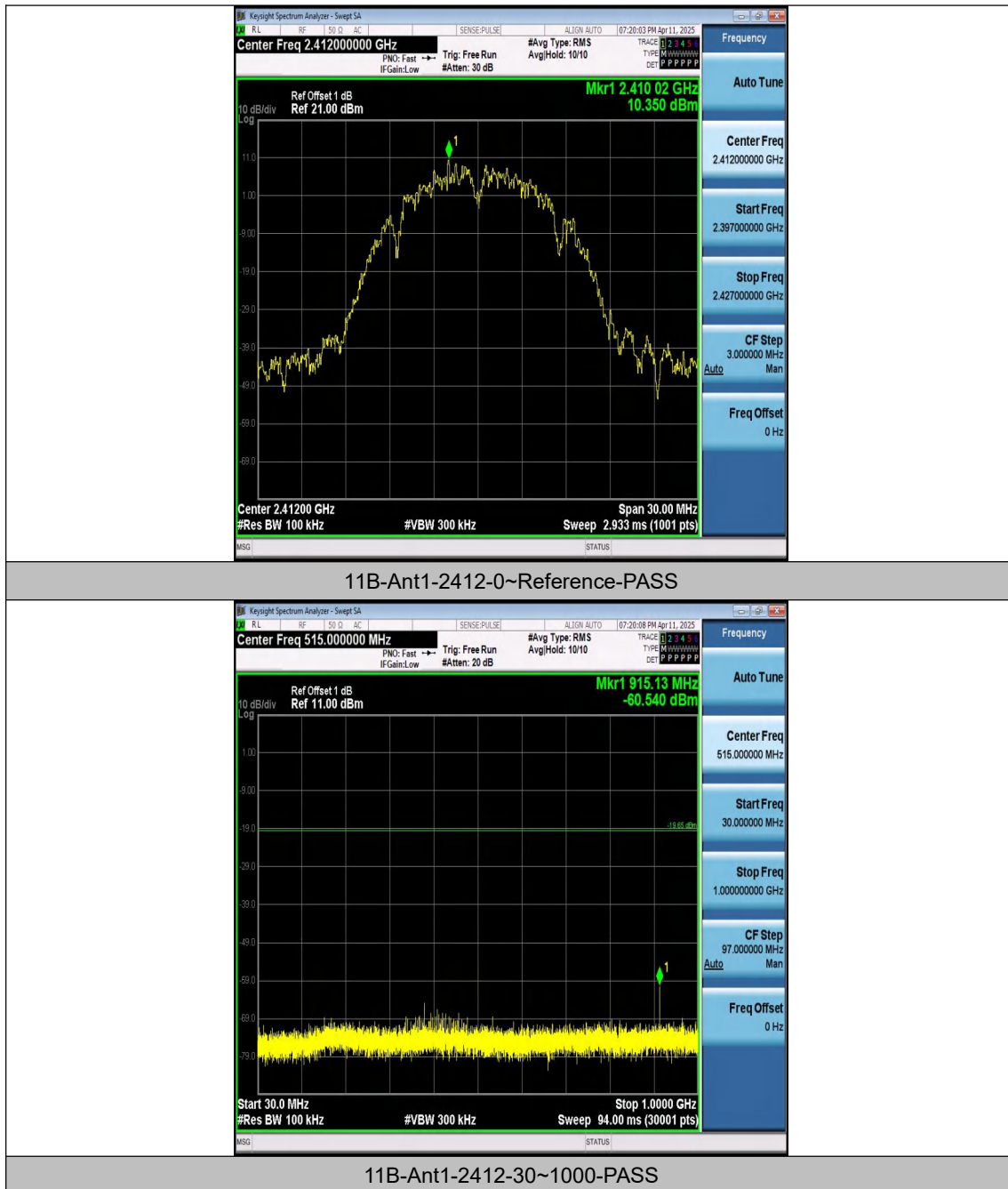
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11AX20SISO	Ant1	2412	30~1000	5.37	-65.42	≤-24.63	PASS
11AX20SISO	Ant1	2412	1000~26500	5.37	-50.87	≤-24.63	PASS
11AX20SISO	Ant1	2437	0~Reference	4.69	4.69	---	PASS
11AX20SISO	Ant1	2437	30~1000	4.69	-63.33	≤-25.31	PASS
11AX20SISO	Ant1	2437	1000~26500	4.69	-51.53	≤-25.31	PASS
11AX20SISO	Ant1	2462	0~Reference	5.18	5.18	---	PASS
11AX20SISO	Ant1	2462	30~1000	5.18	-66.13	≤-24.82	PASS
11AX20SISO	Ant1	2462	1000~26500	5.18	-49.69	≤-24.82	PASS
11AX40SISO	Ant1	2422	0~Reference	1.41	1.41	---	PASS
11AX40SISO	Ant1	2422	30~1000	1.41	-62.96	≤-28.59	PASS
11AX40SISO	Ant1	2422	1000~26500	1.41	-52.01	≤-28.59	PASS
11AX40SISO	Ant1	2437	0~Reference	1.98	1.98	---	PASS
11AX40SISO	Ant1	2437	30~1000	1.98	-61.78	≤-28.02	PASS
11AX40SISO	Ant1	2437	1000~26500	1.98	-51.12	≤-28.02	PASS
11AX40SISO	Ant1	2452	0~Reference	1.76	1.76	---	PASS
11AX40SISO	Ant1	2452	30~1000	1.76	-61.9	≤-28.24	PASS
11AX40SISO	Ant1	2452	1000~26500	1.76	-50.13	≤-28.24	PASS



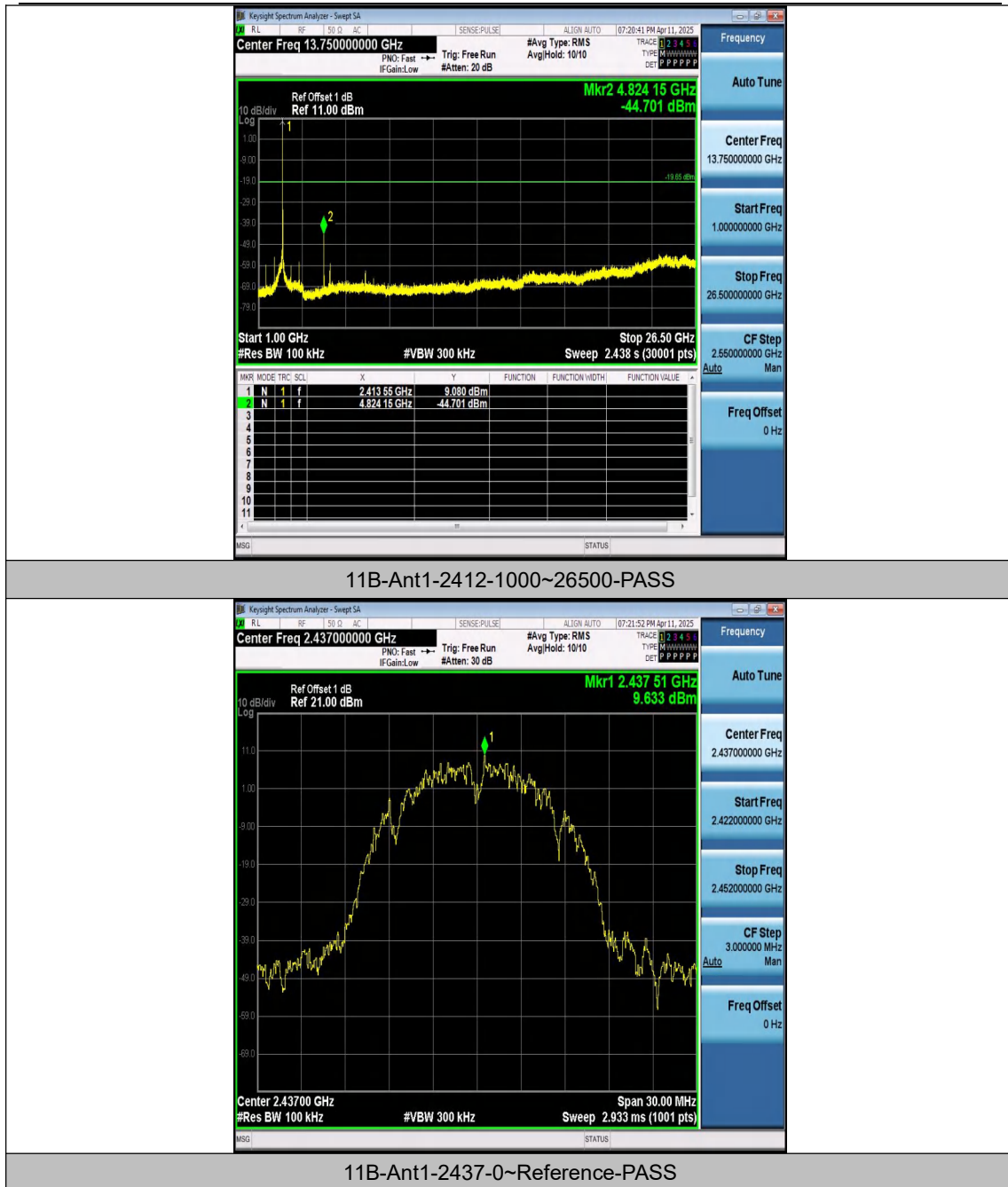
Test Graphs



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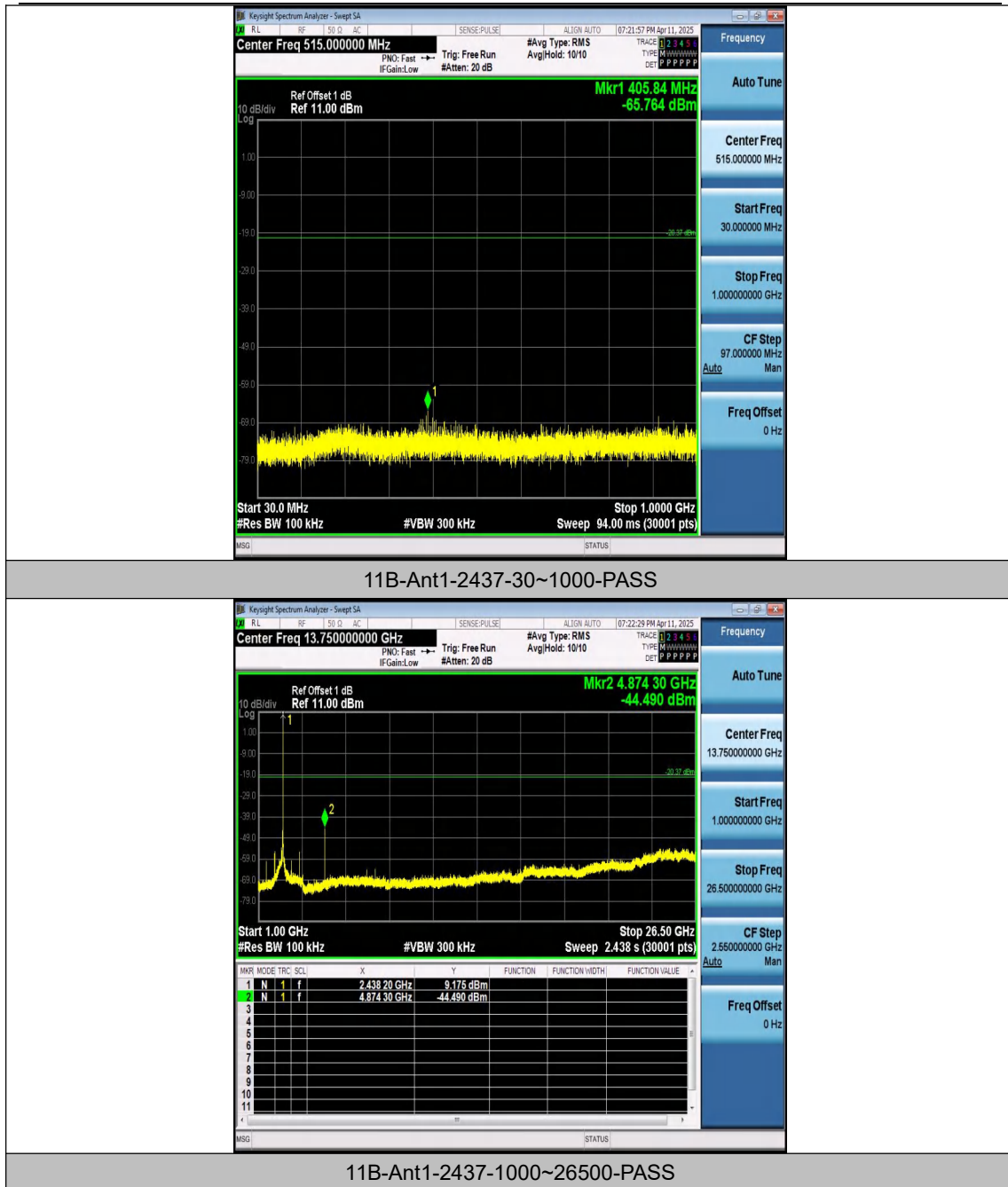
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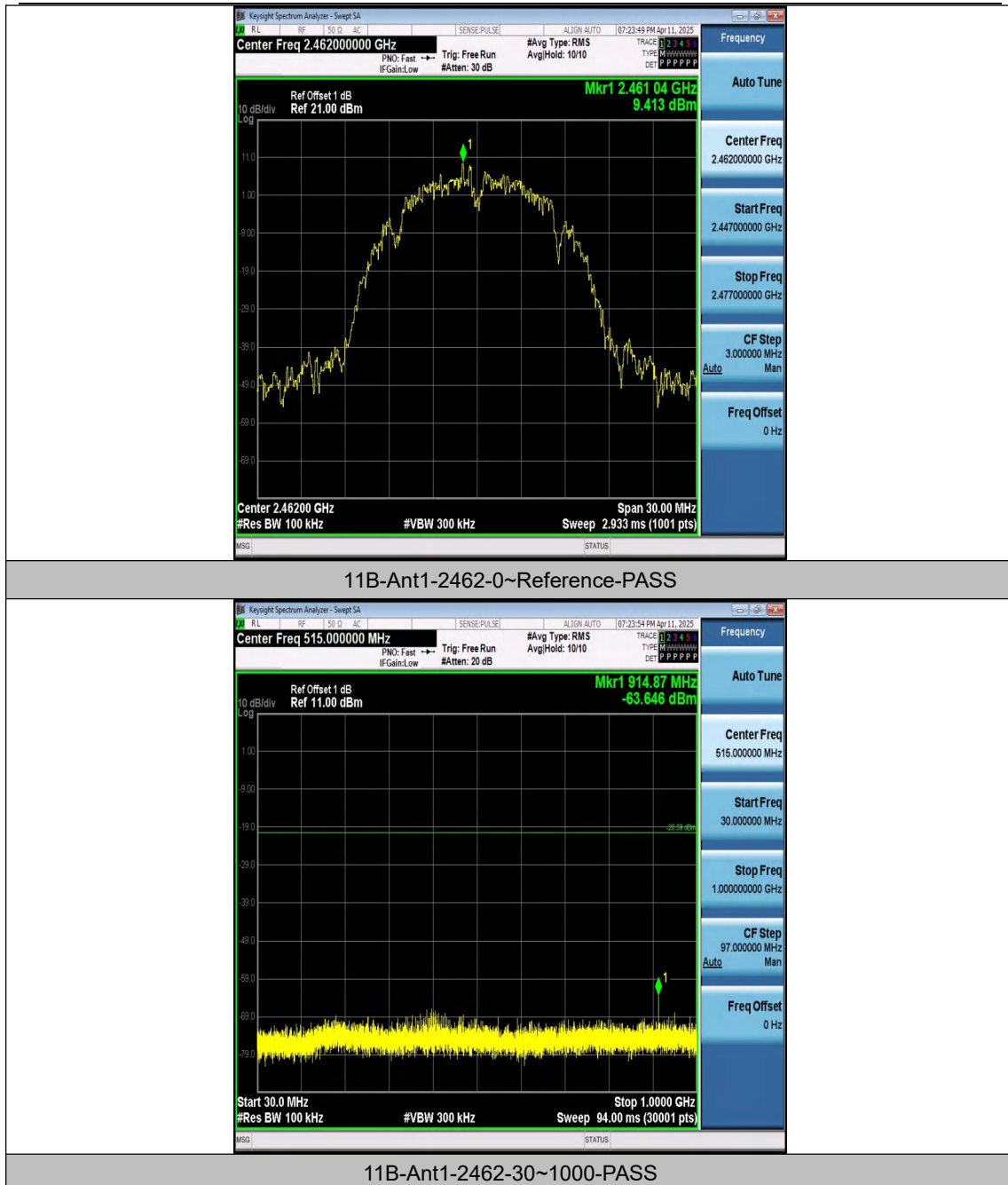


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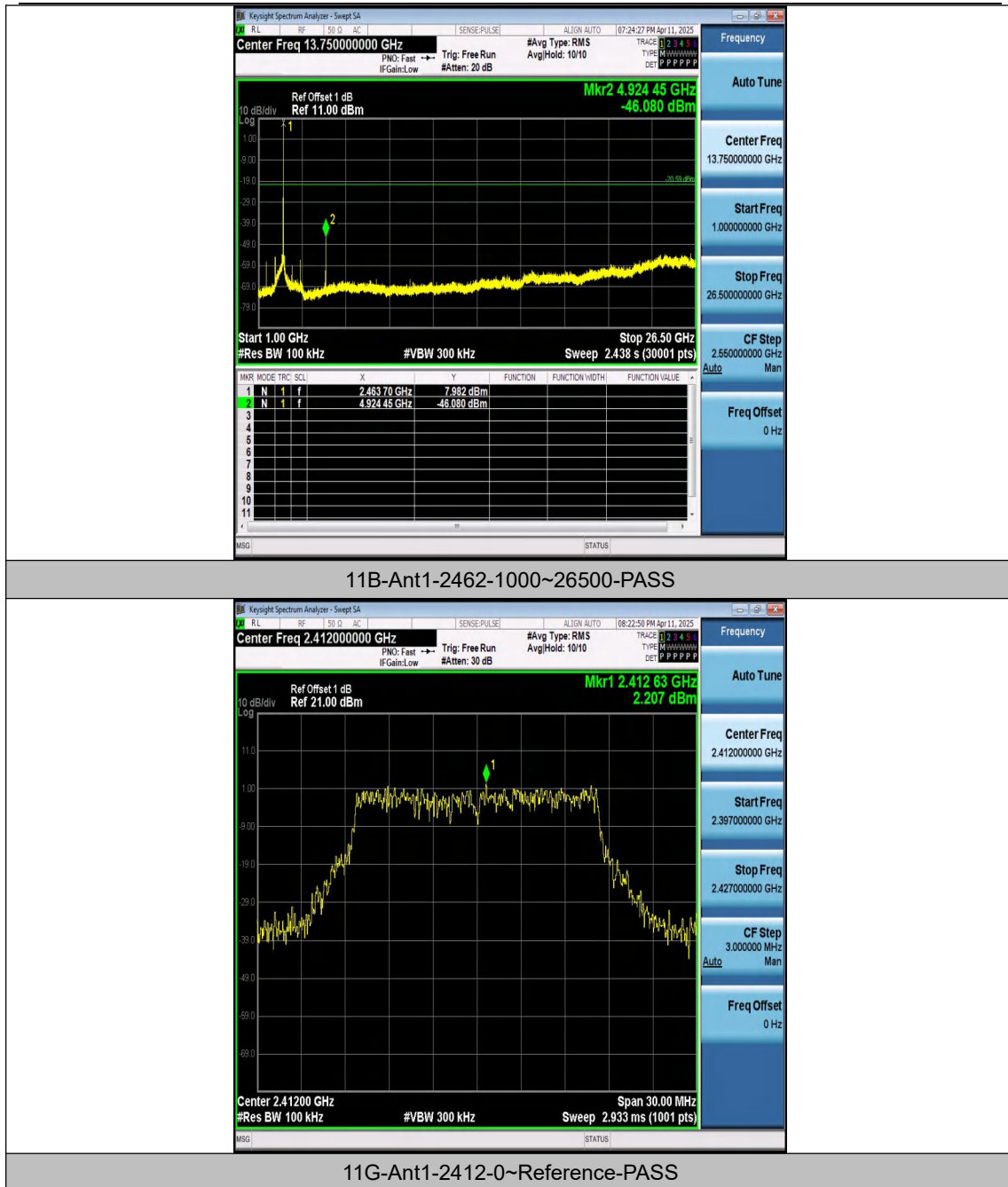


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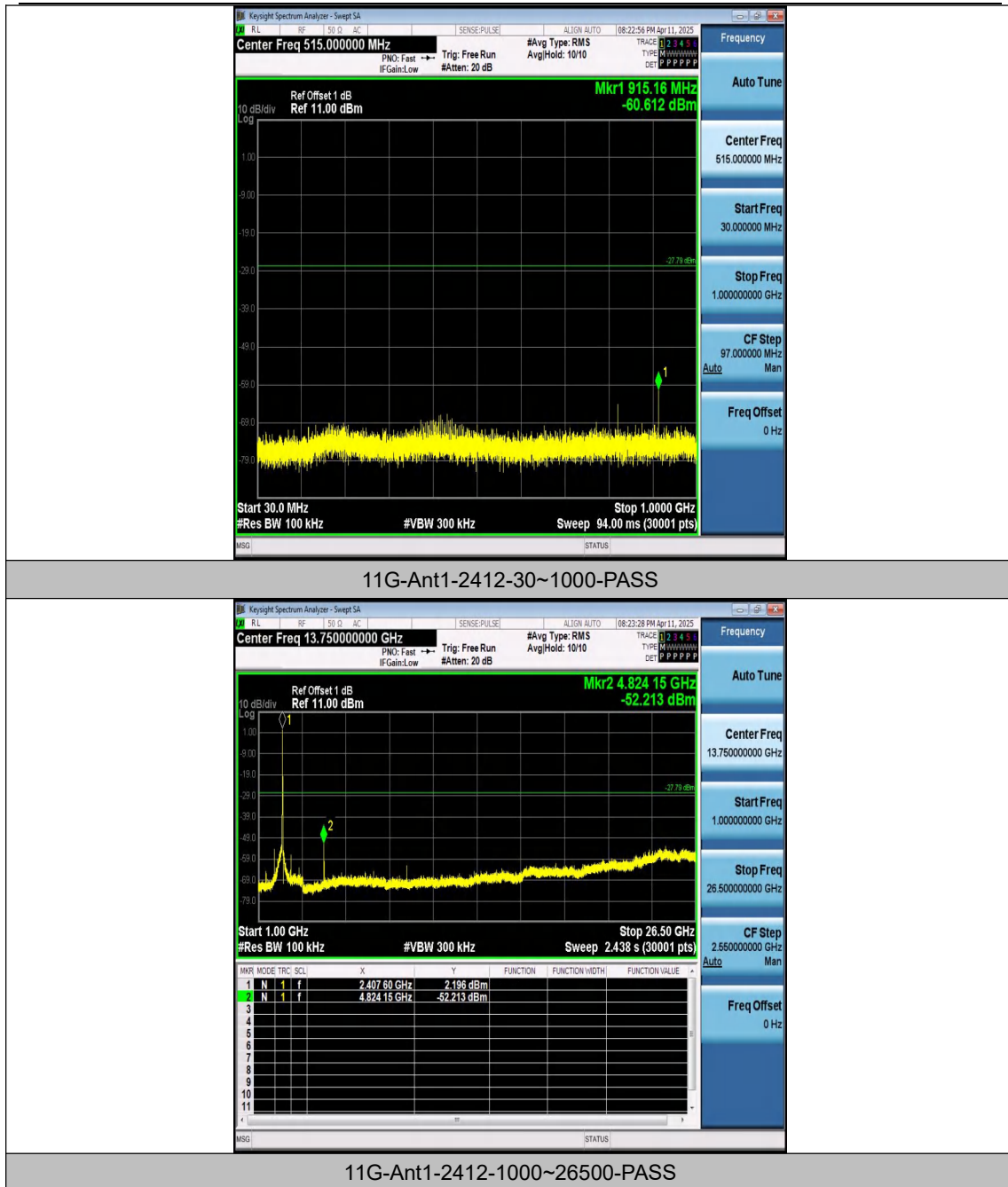
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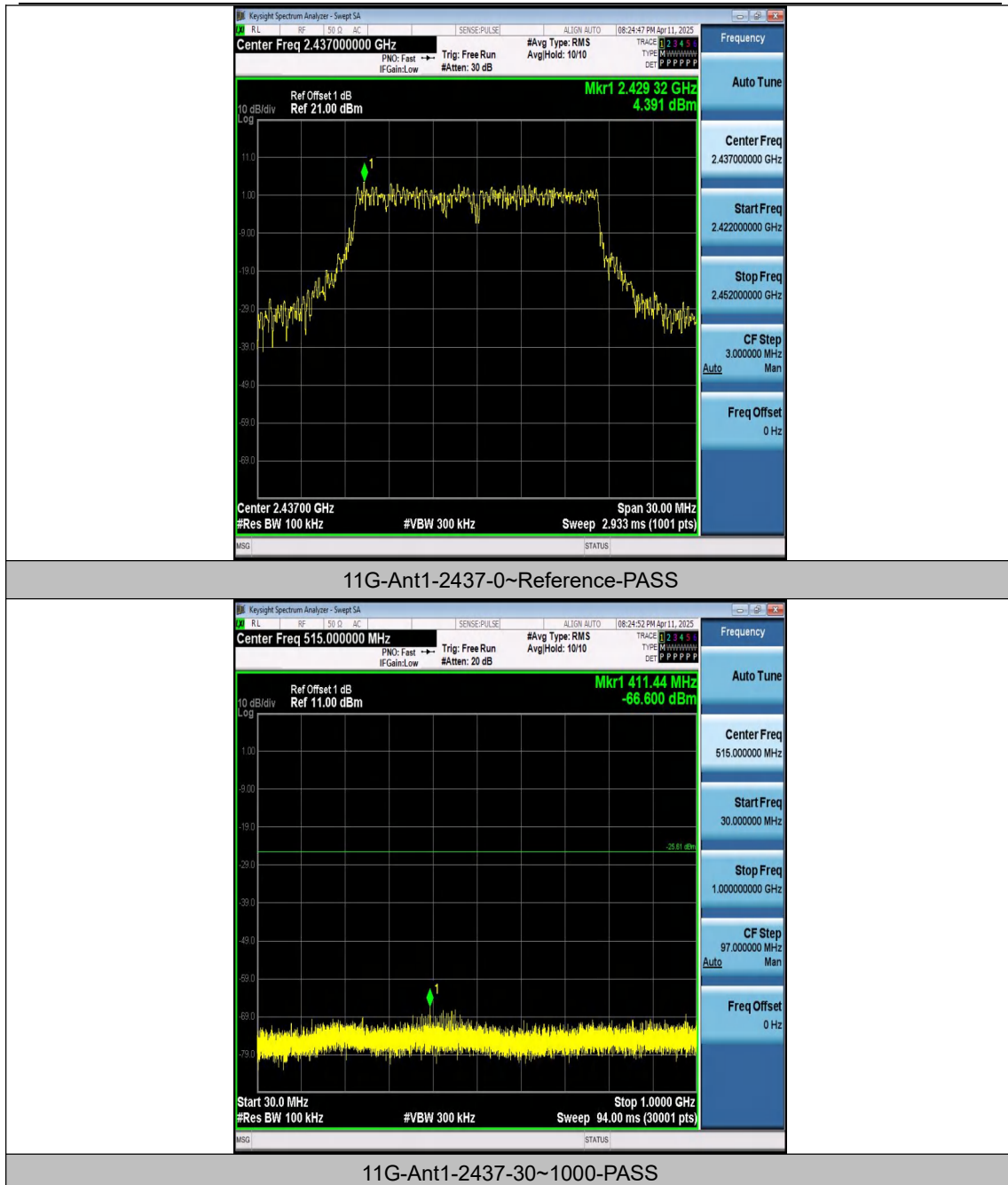


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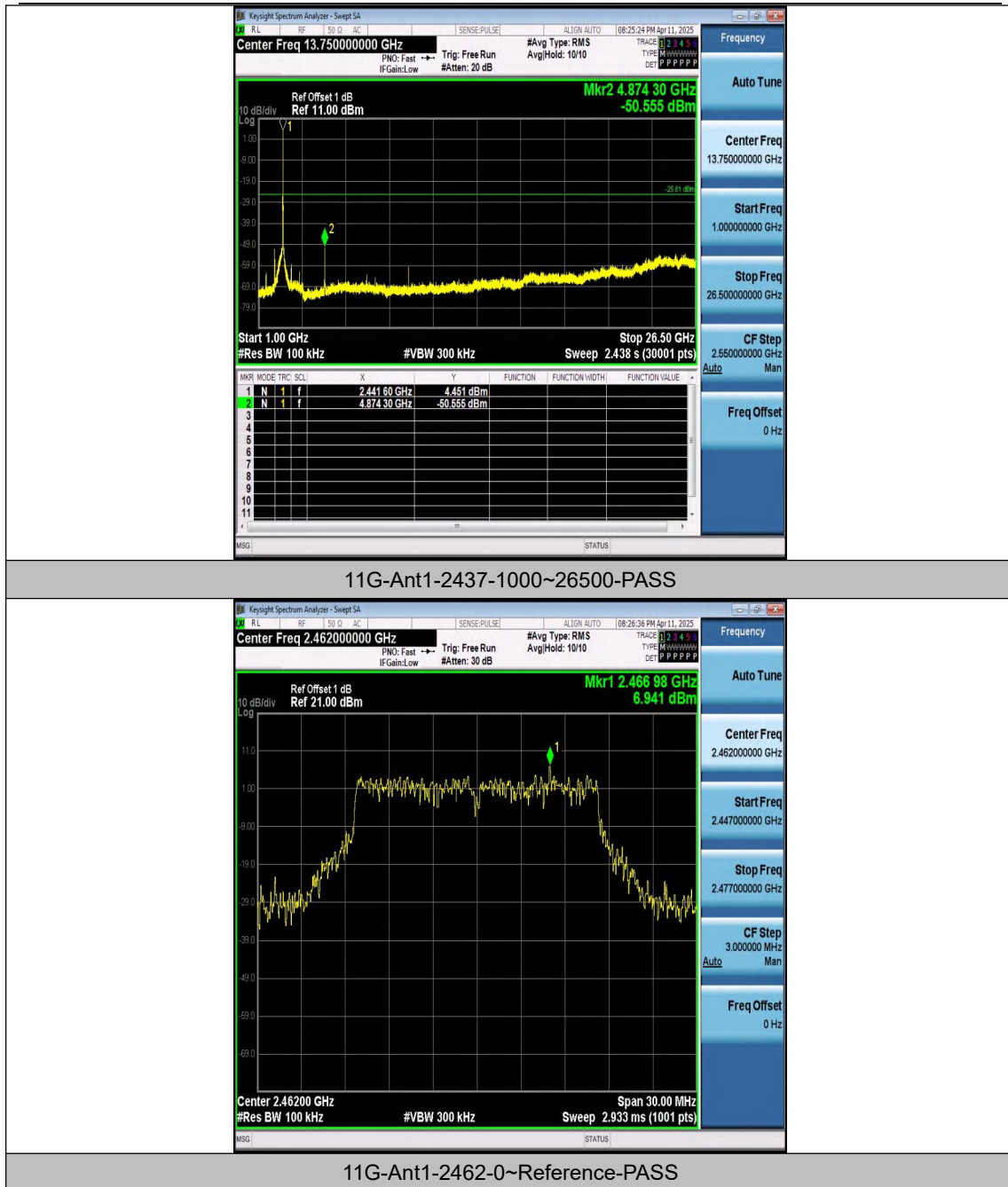




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