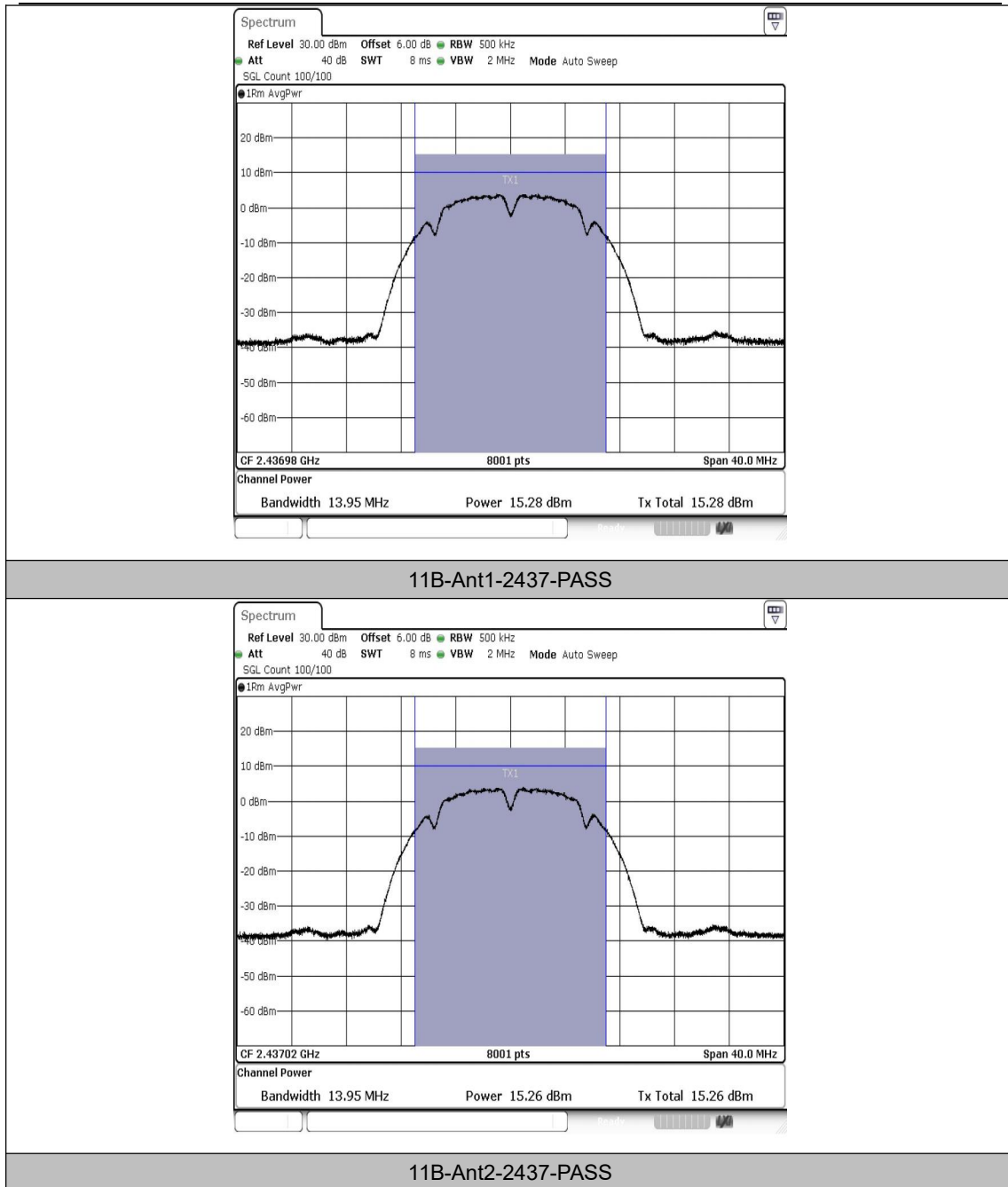
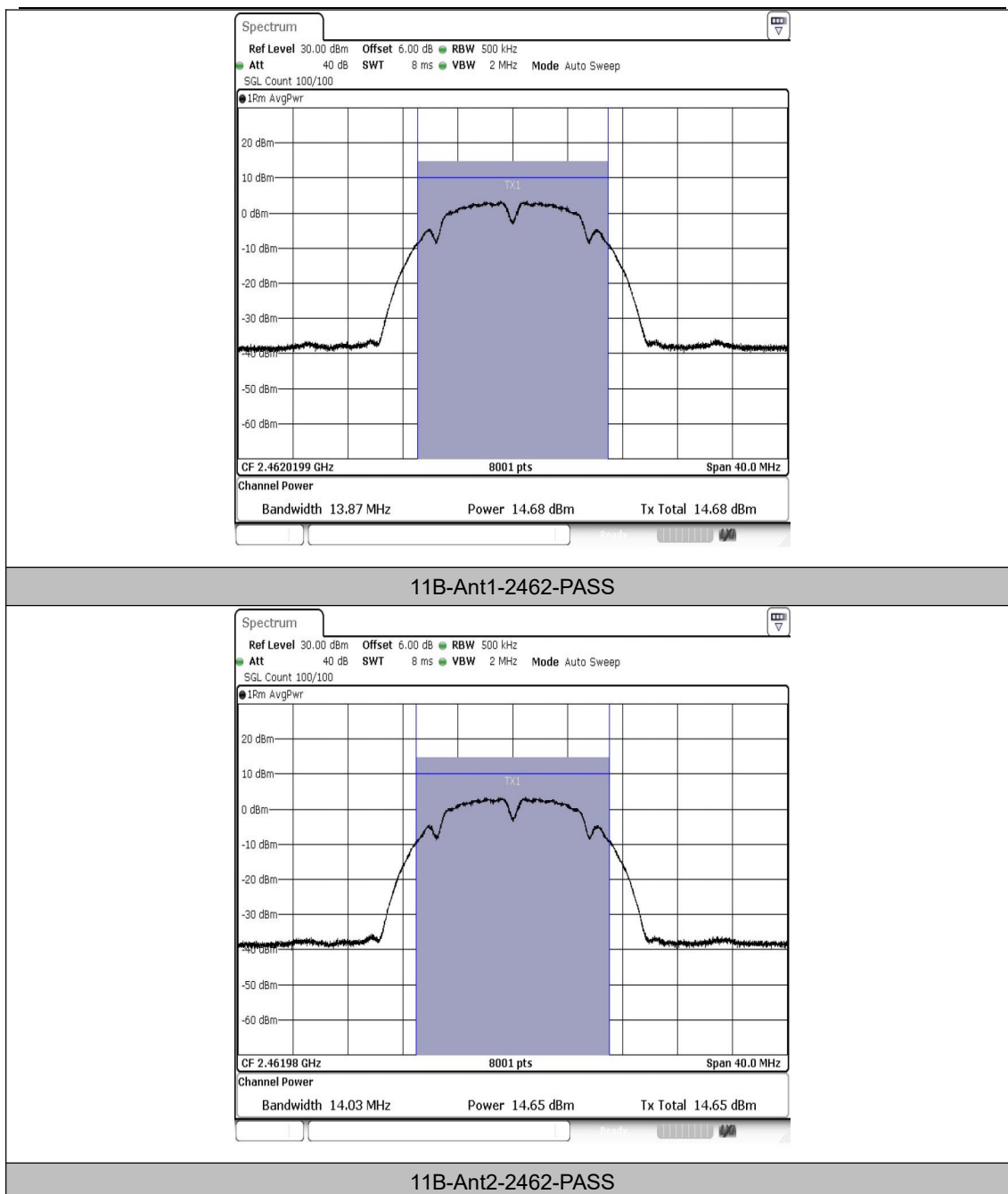




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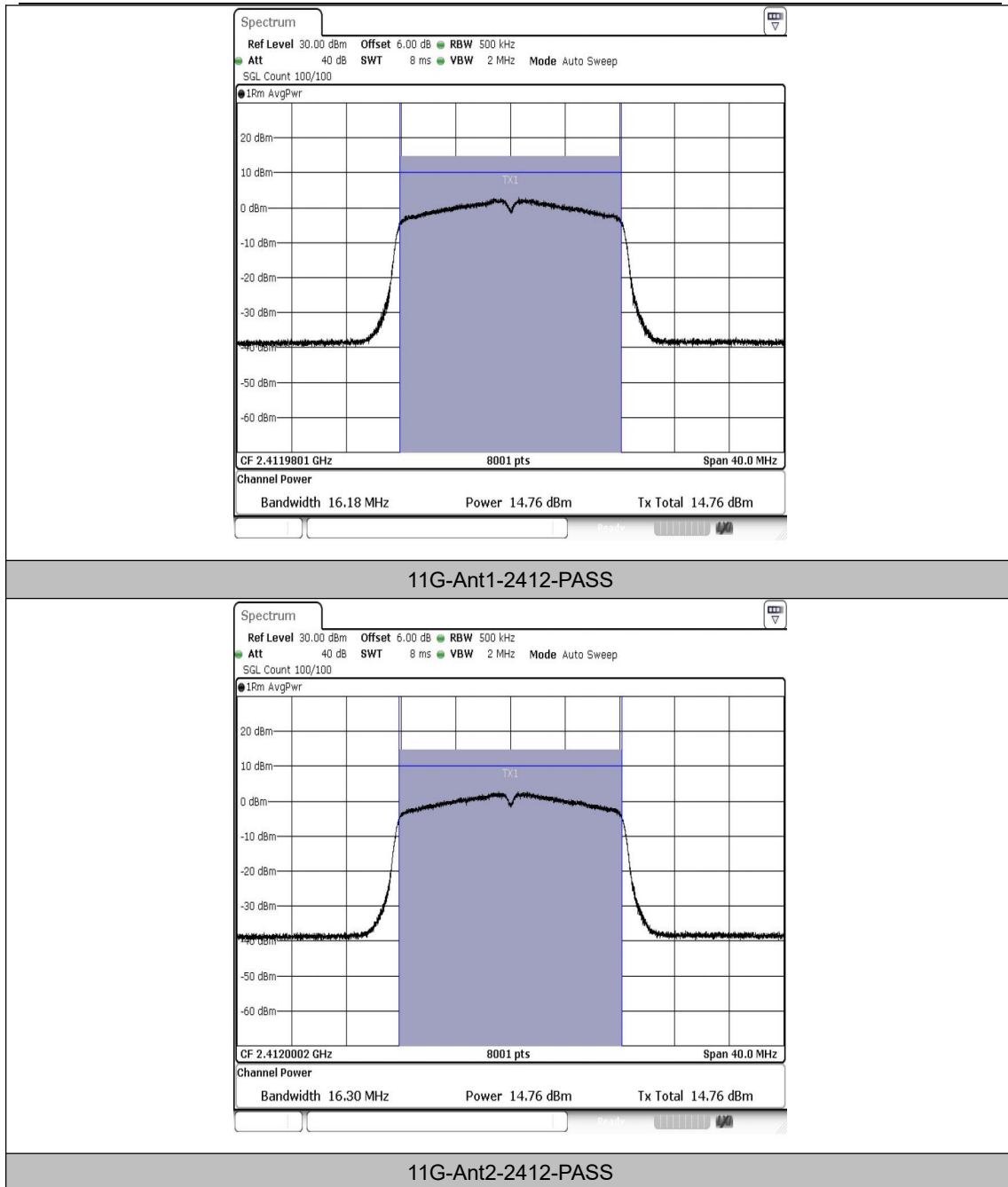
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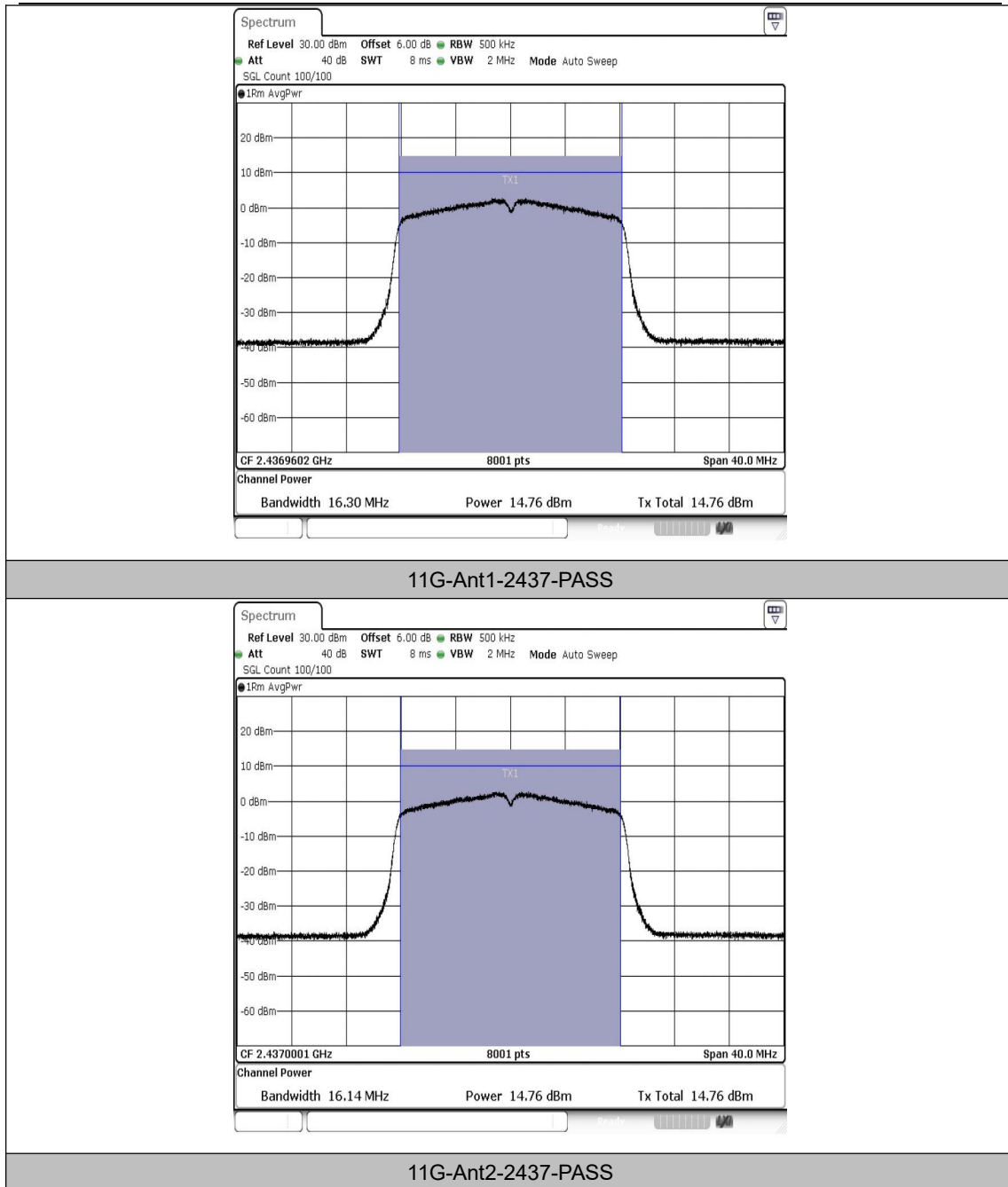
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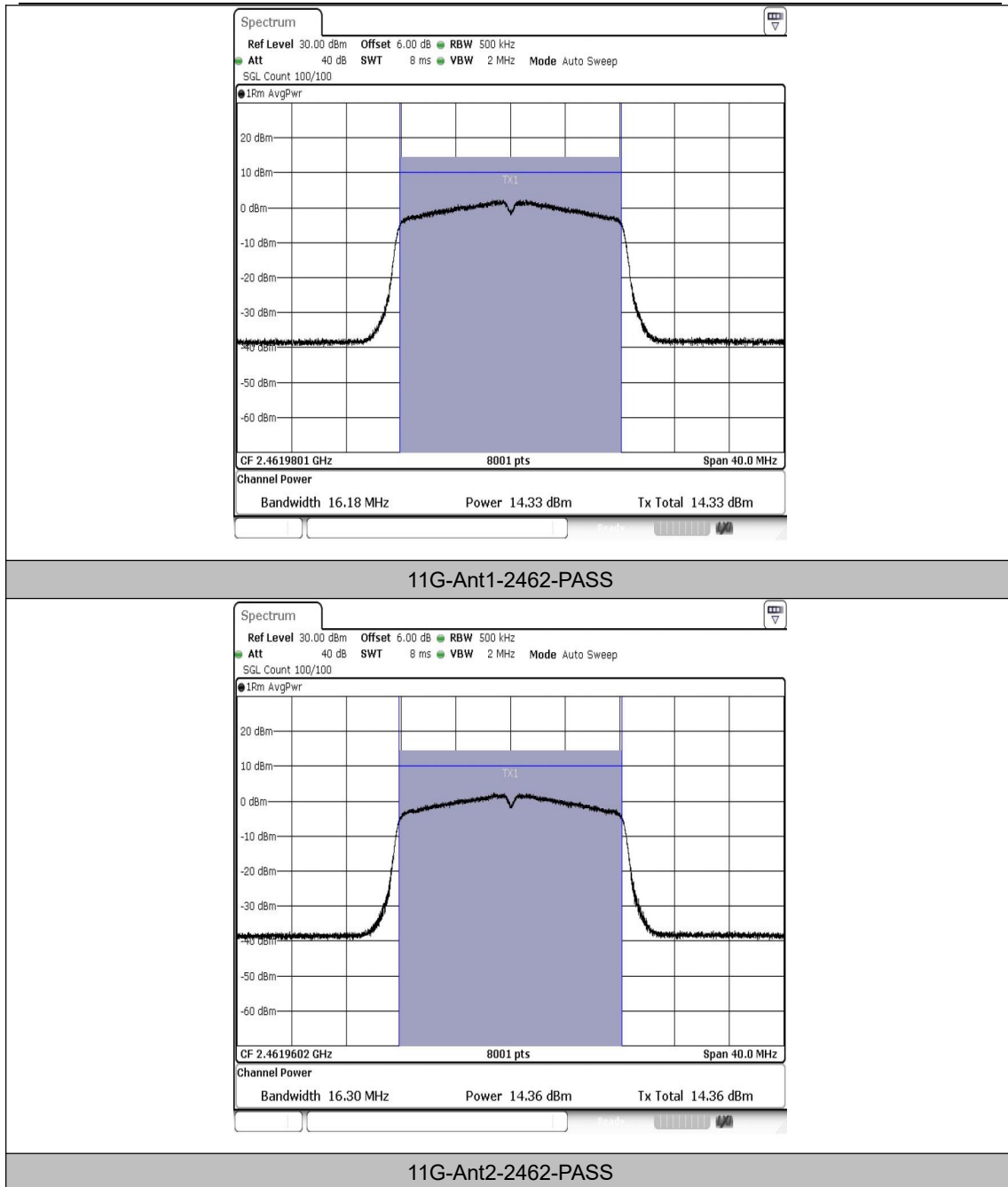
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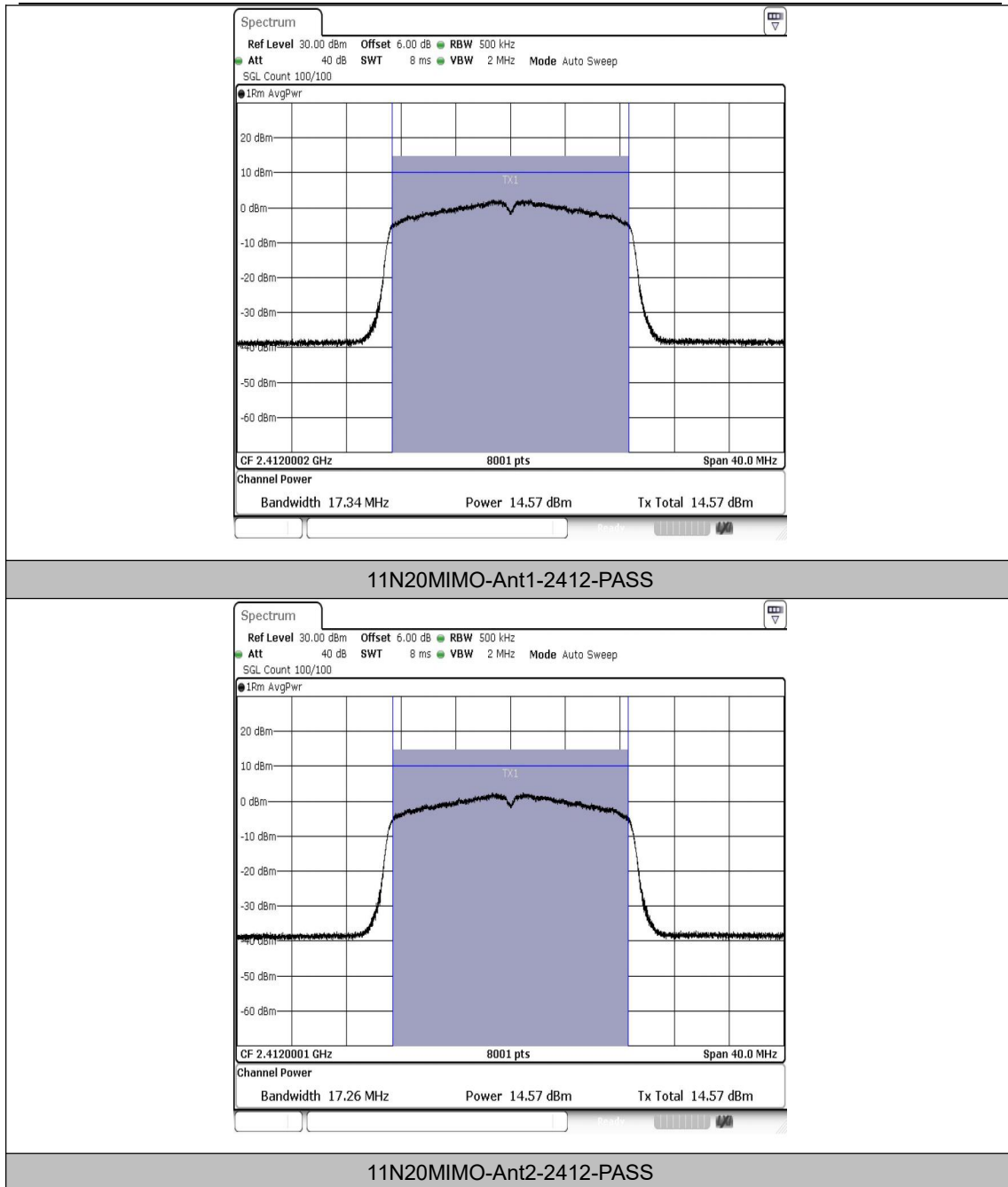
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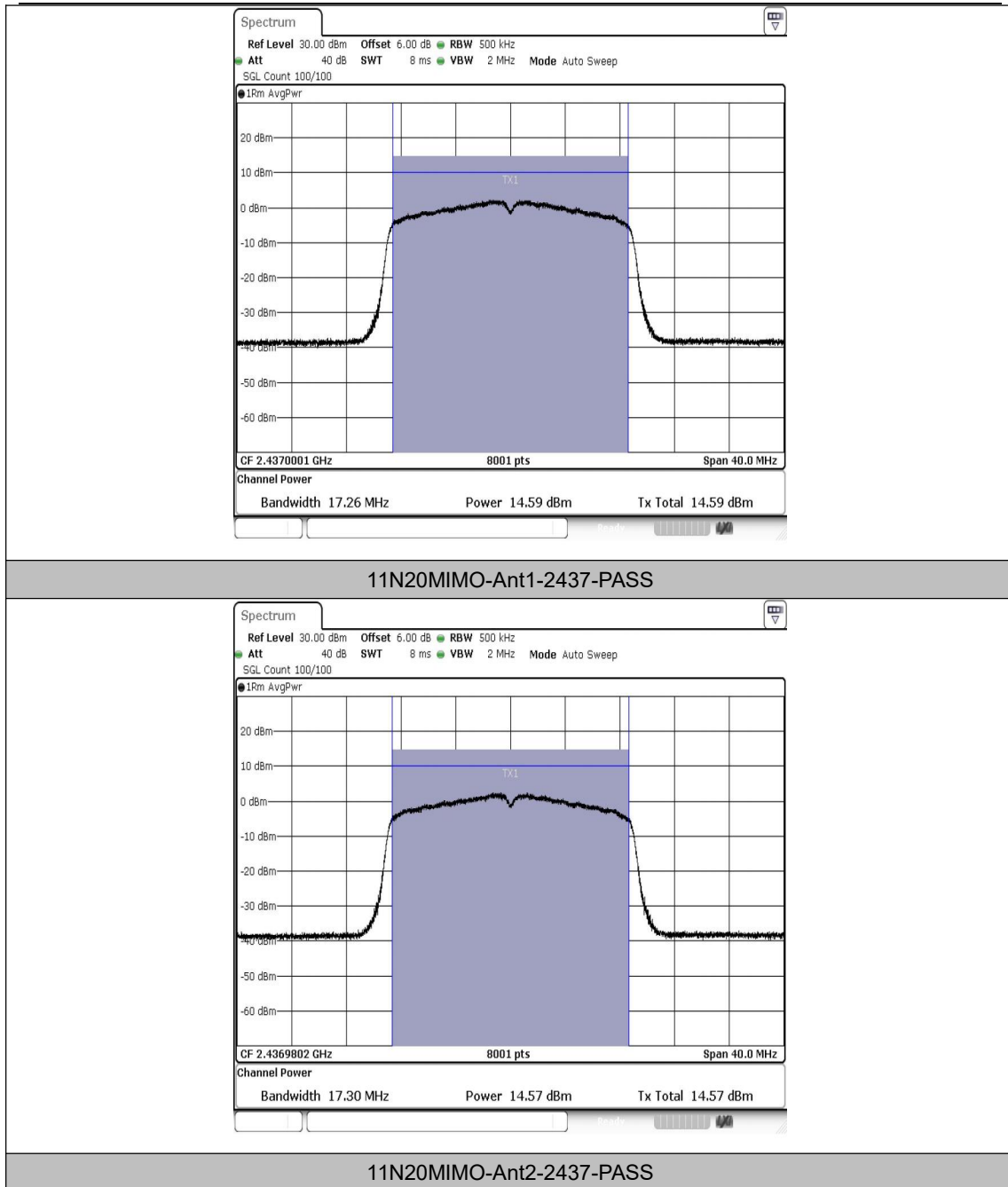
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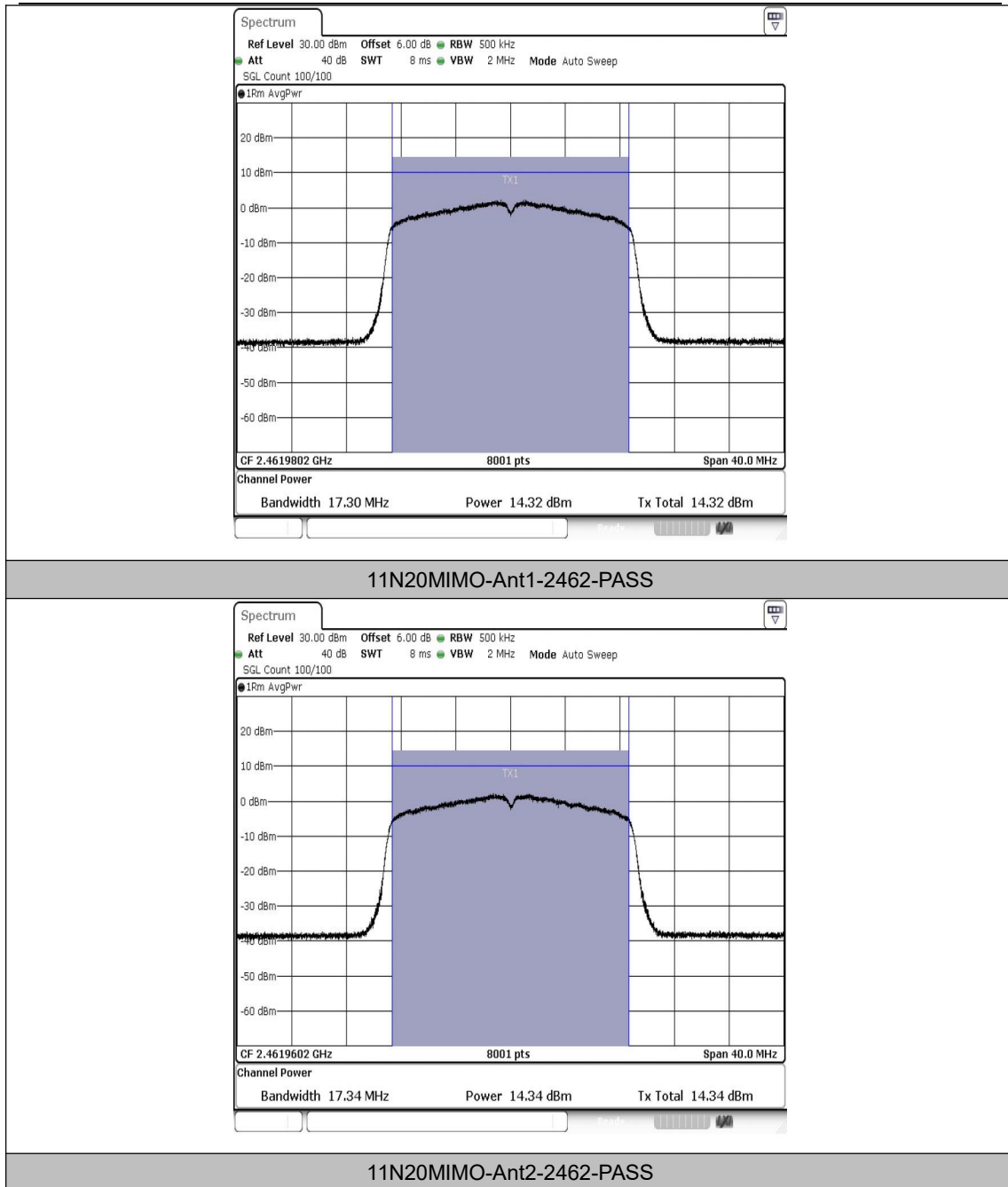
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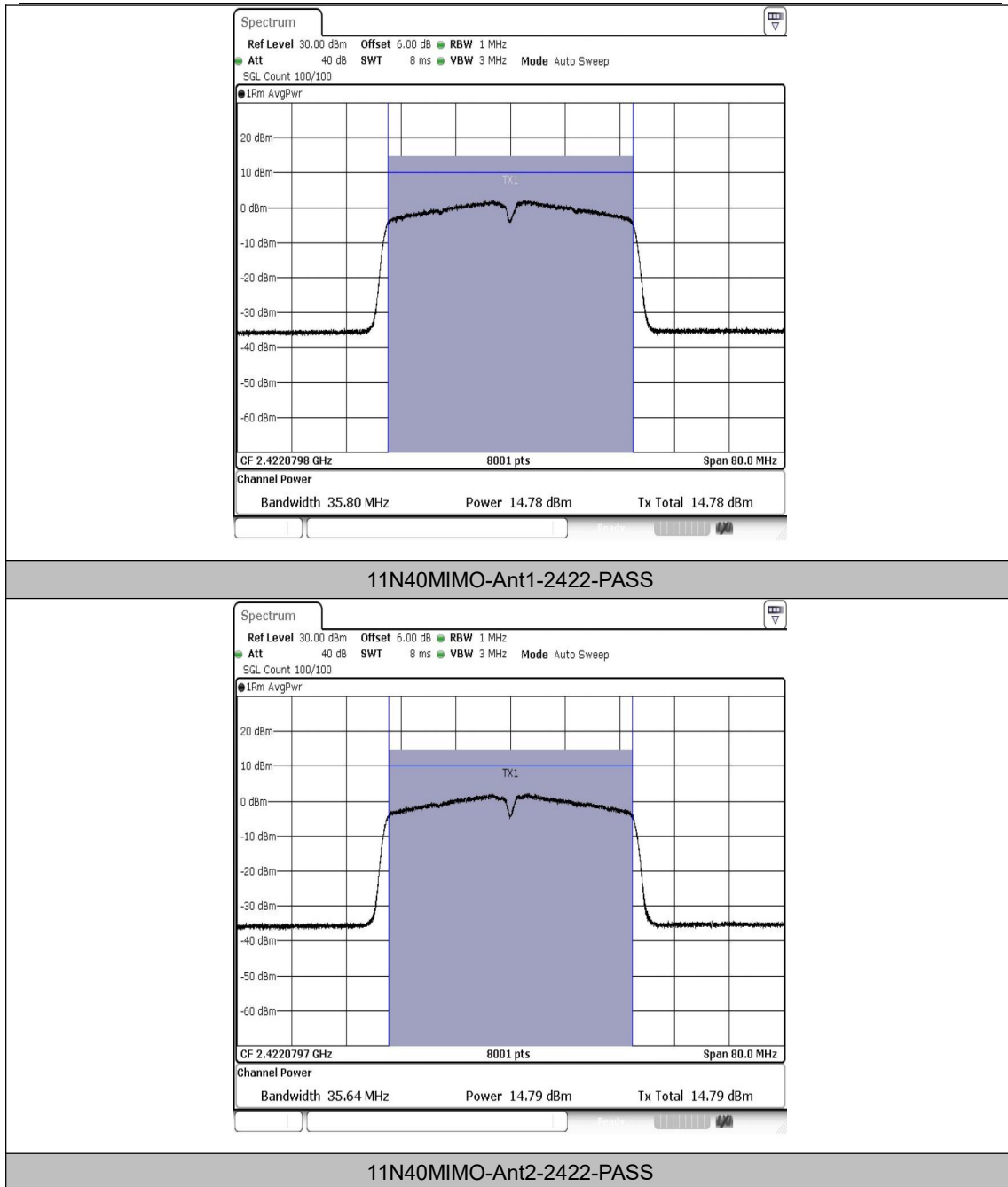
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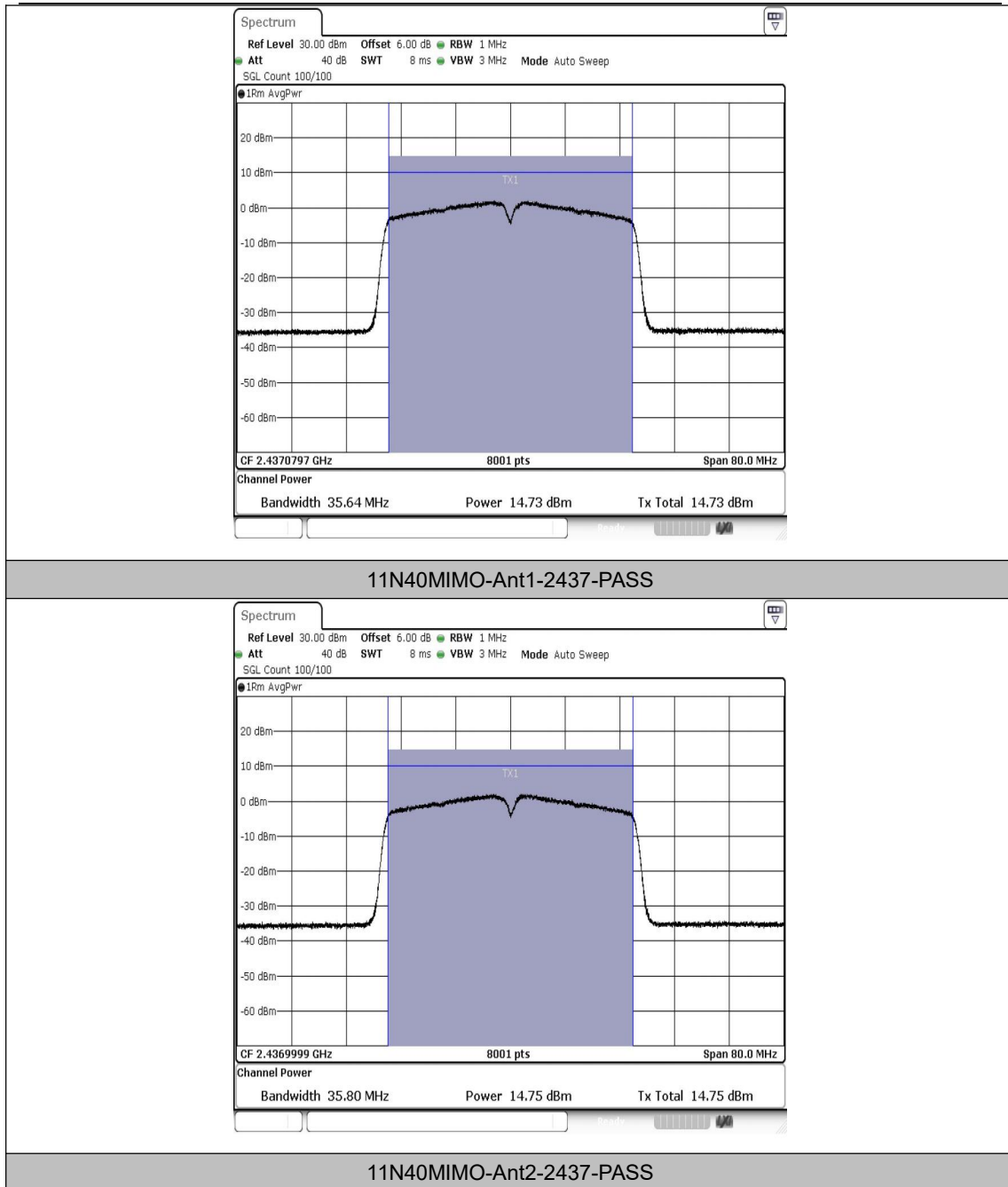
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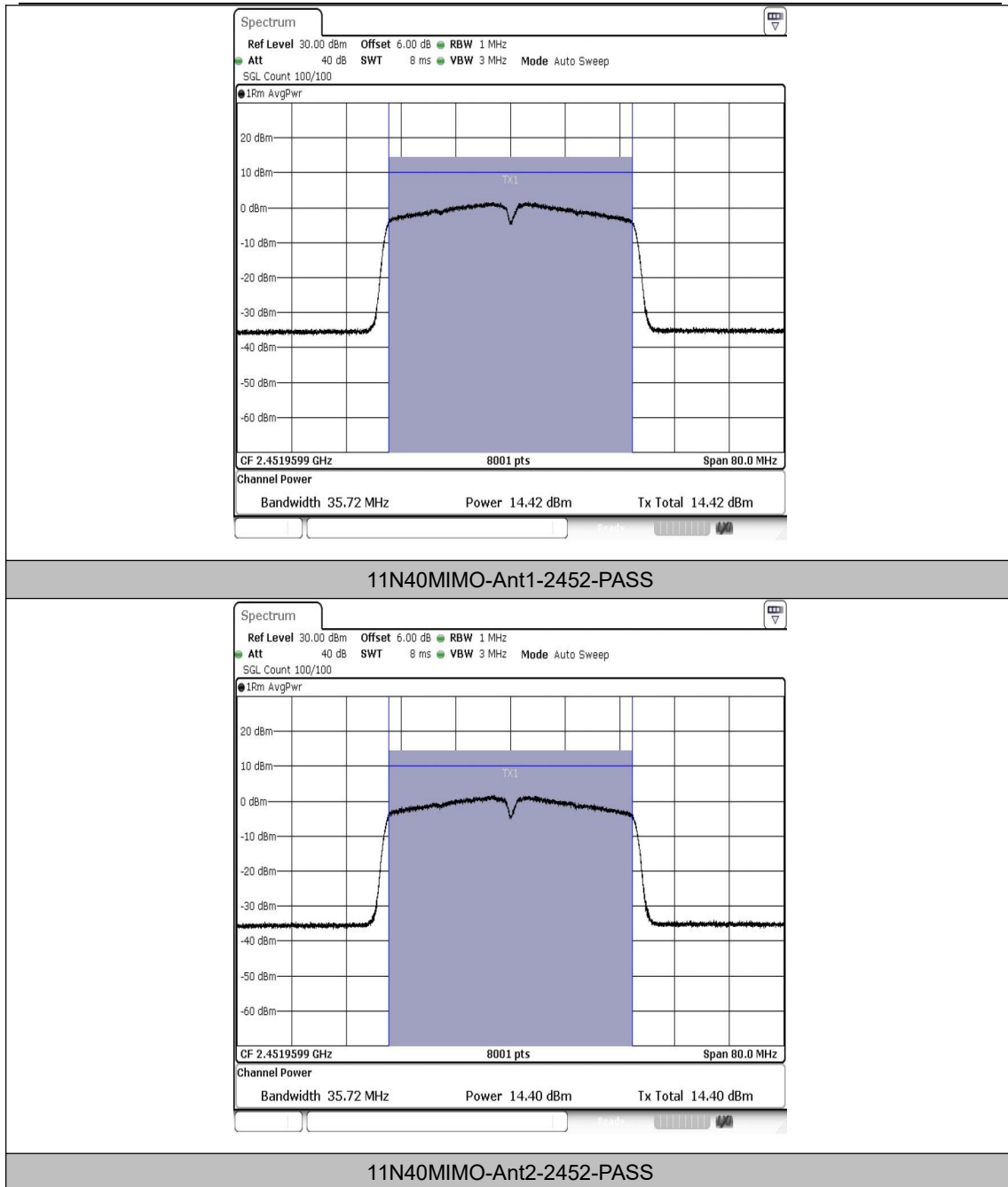
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.22	0.00	-15.22	≤8.00	PASS
11B	Ant2	2412	-14.48	0.00	-14.48	≤8.00	PASS
11B	Ant1	2437	-15	0.00	-15.00	≤8.00	PASS
11B	Ant2	2437	-15.15	0.00	-15.15	≤8.00	PASS
11B	Ant1	2462	-15.36	0.00	-15.36	≤8.00	PASS
11B	Ant2	2462	-15.51	0.00	-15.51	≤8.00	PASS
11G	Ant1	2412	-13.53	0.00	-13.53	≤8.00	PASS
11G	Ant2	2412	-13.49	0.00	-13.49	≤8.00	PASS
11G	Ant1	2437	-13.18	0.00	-13.18	≤8.00	PASS
11G	Ant2	2437	-13.34	0.00	-13.34	≤8.00	PASS
11G	Ant1	2462	-13.56	0.00	-13.56	≤8.00	PASS
11G	Ant2	2462	-13.51	0.00	-13.51	≤8.00	PASS
11N20MI MO	Ant1	2412	-11.8	0.00	-11.80	≤8.00	PASS
11N20MI MO	Ant2	2412	-11.33	0.00	-11.33	≤8.00	PASS
11N20MI MO	total	2412	---	---	-8.55	≤8.00	PASS
11N20MI MO	Ant1	2437	-11.84	0.00	-11.84	≤8.00	PASS
11N20MI MO	Ant2	2437	-12.06	0.00	-12.06	≤8.00	PASS
11N20MI	total	2437	---	---	-8.94	≤8.00	PASS

MO							S
11N20MI MO	Ant1	2462	-12.01	0.00	-12.01	≤8.00	PAS S
11N20MI MO	Ant2	2462	-11.7	0.00	-11.70	≤8.00	PAS S
11N20MI MO	total	2462	---	---	-8.84	≤8.00	PAS S
11N40MI MO	Ant1	2422	-15.07	0.00	-15.07	≤8.00	PAS S
11N40MI MO	Ant2	2422	-14.9	0.00	-14.90	≤8.00	PAS S
11N40MI MO	total	2422	---	---	-11.97	≤8.00	PAS S
11N40MI MO	Ant1	2437	-14.95	0.00	-14.95	≤8.00	PAS S
11N40MI MO	Ant2	2437	-14.69	0.00	-14.69	≤8.00	PAS S
11N40MI MO	total	2437	---	---	-11.81	≤8.00	PAS S
11N40MI MO	Ant1	2452	-15	0.00	-15.00	≤8.00	PAS S
11N40MI MO	Ant2	2452	-15.44	0.00	-15.44	≤8.00	PAS S
11N40MI MO	total	2452	---	---	-12.20	≤8.00	PAS S

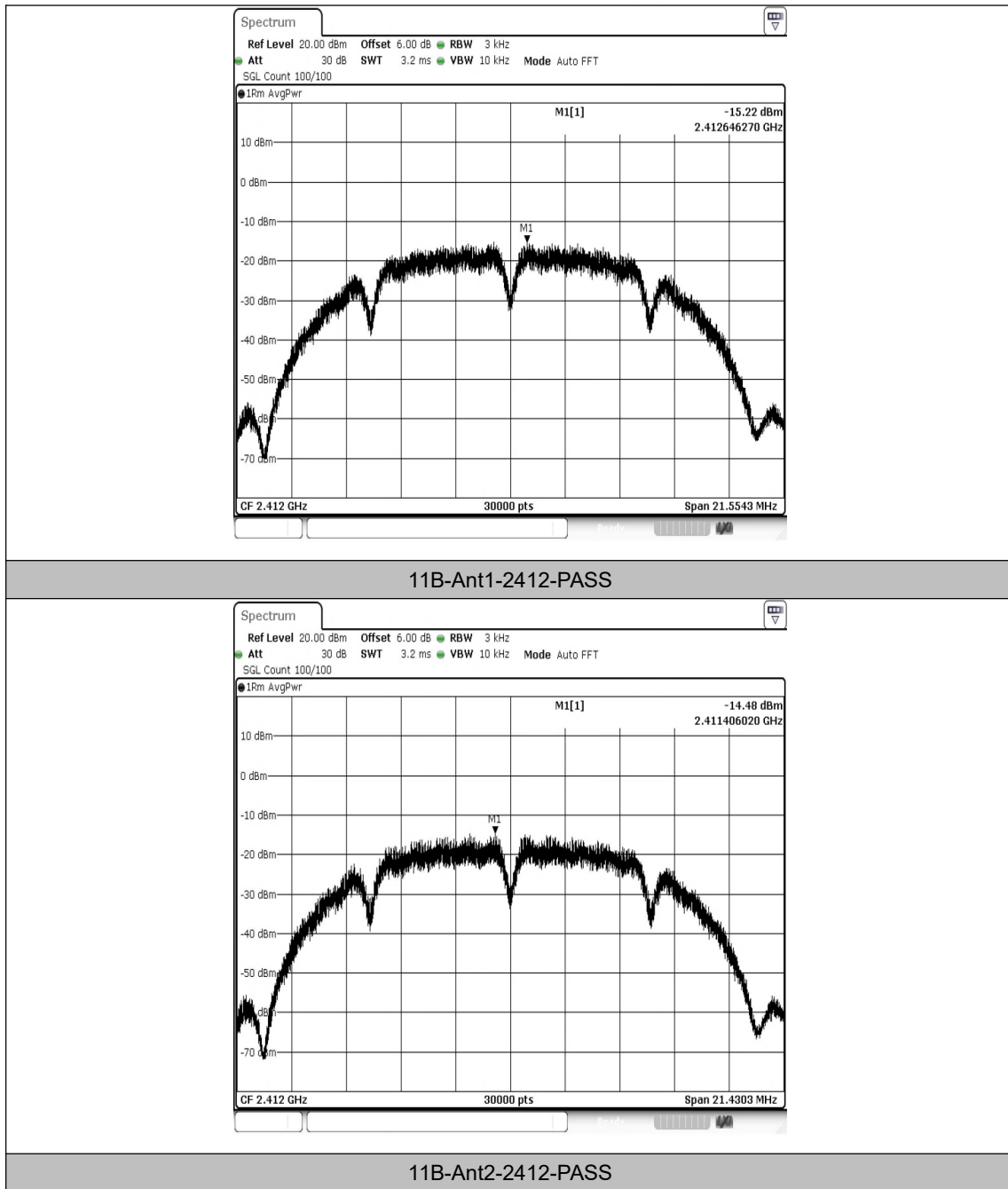
Note: 1. The cable loss are compensated in the graph.

2.As Directional gain = $10 \log[(10G1/20 + 10G2/20) 2 / NANT]$ dBi=5.01<6dBi,
so limit=8dBm/3kHz.

3.MIMO= $10 * \log((10^{ANT1/10}) + 10^{(ANT2/10)})$



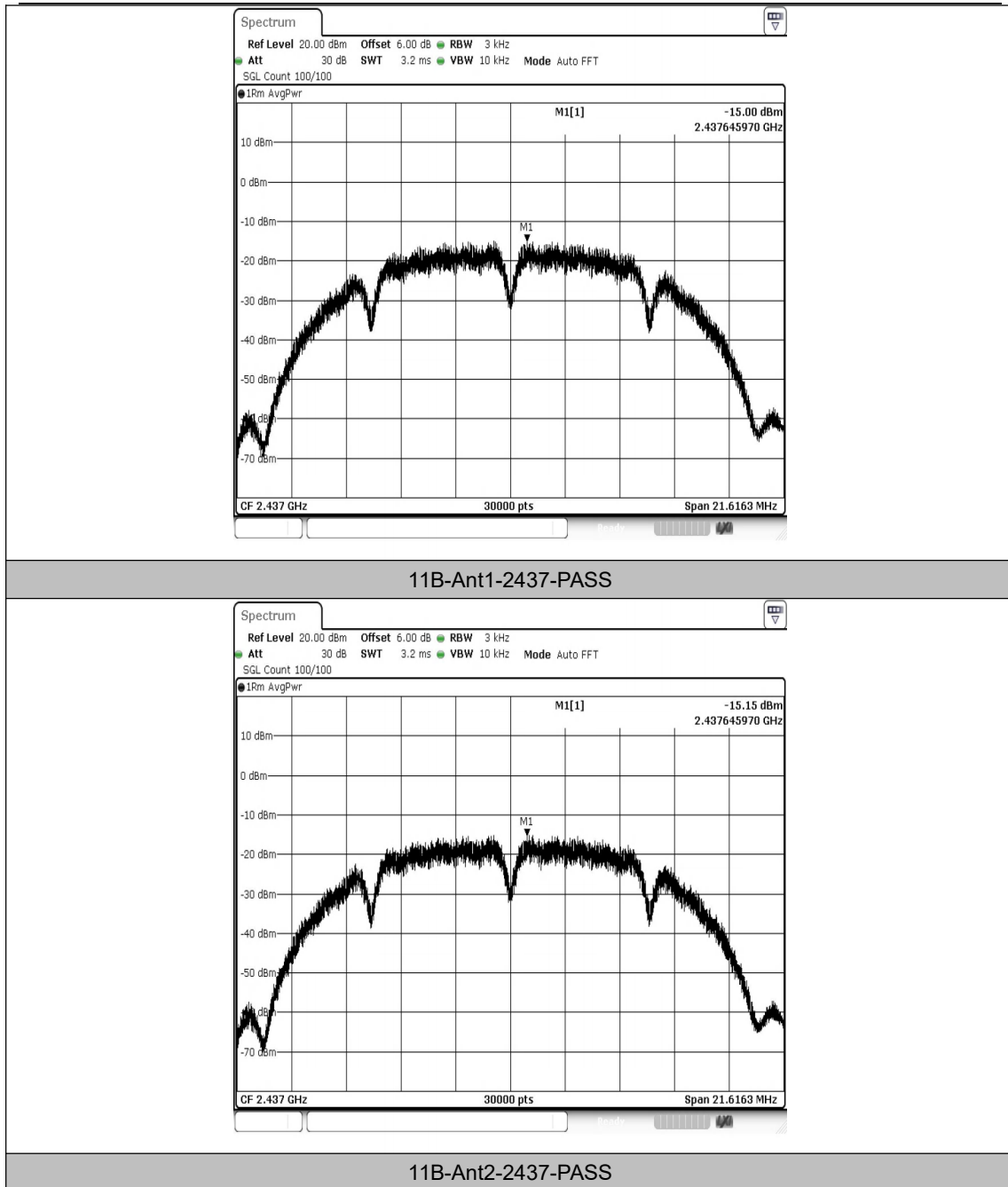
Test Graphs



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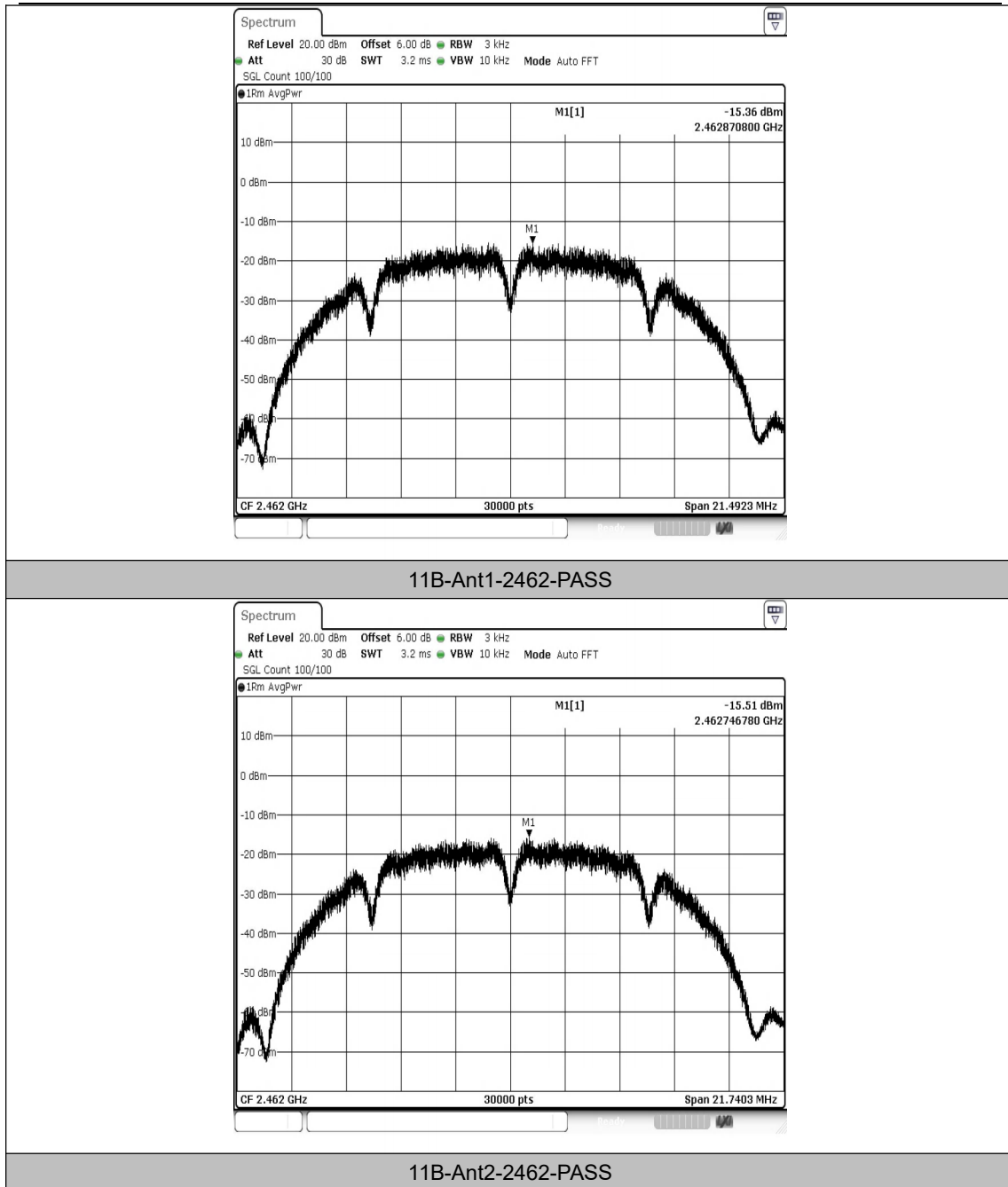
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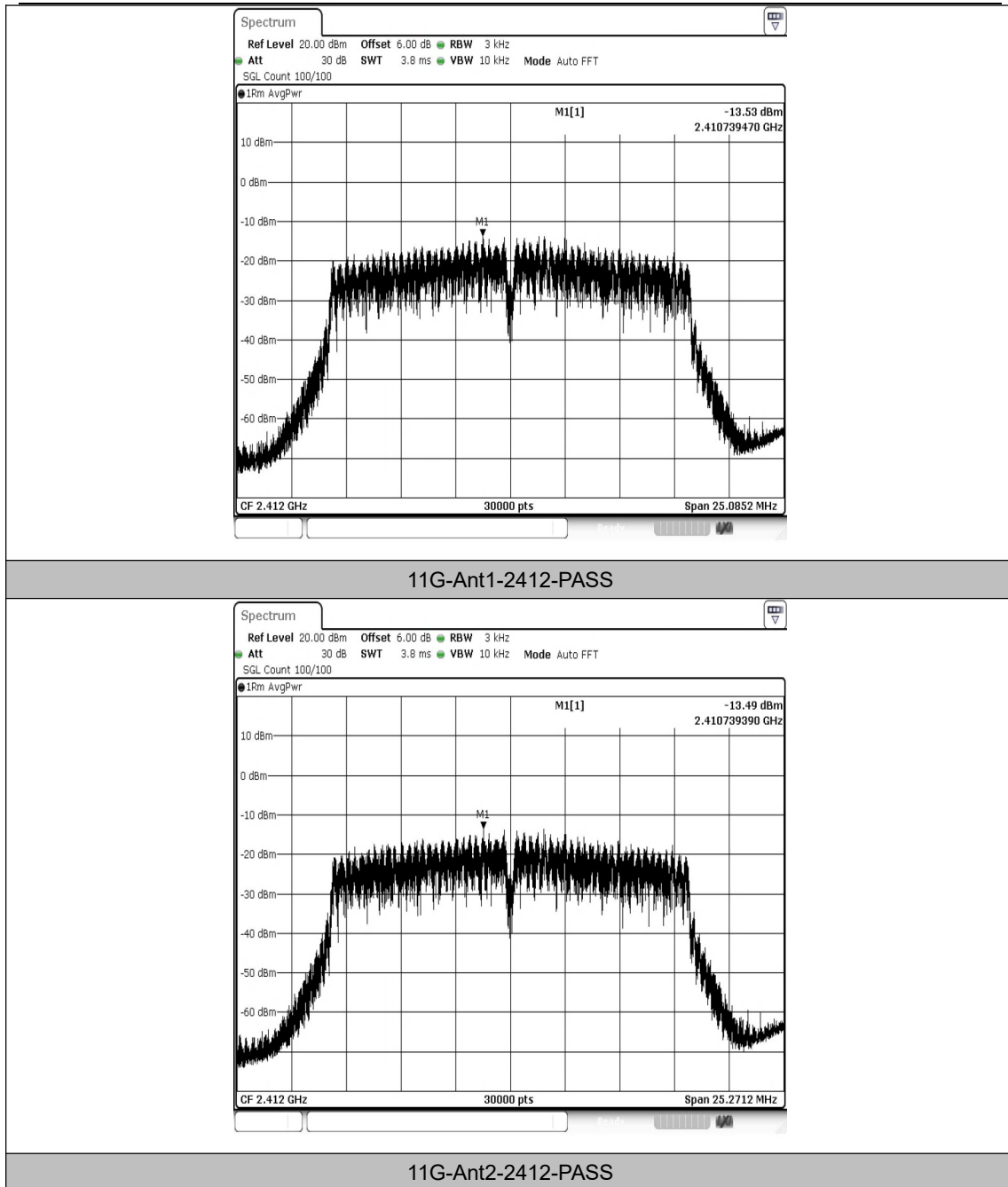


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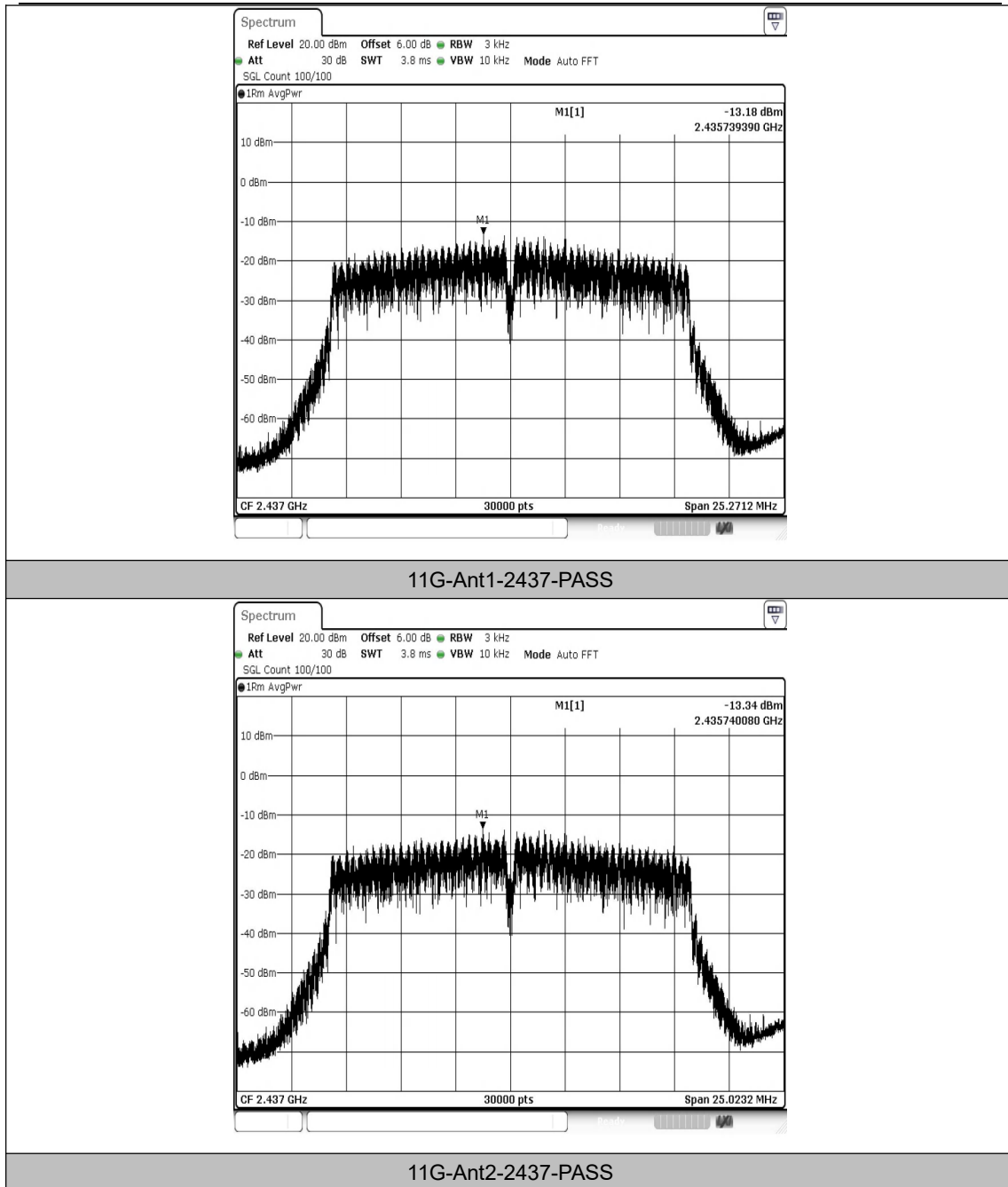




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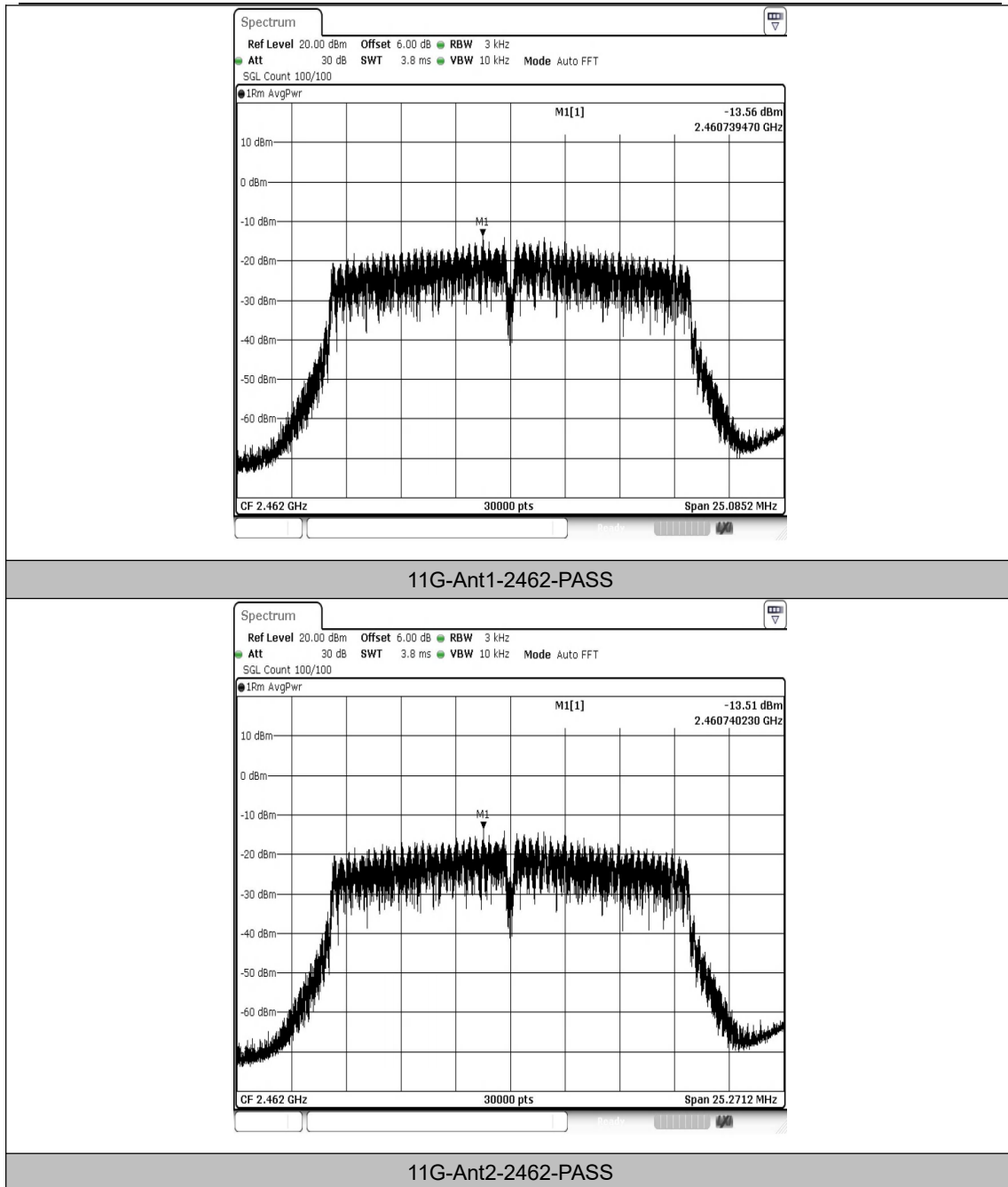
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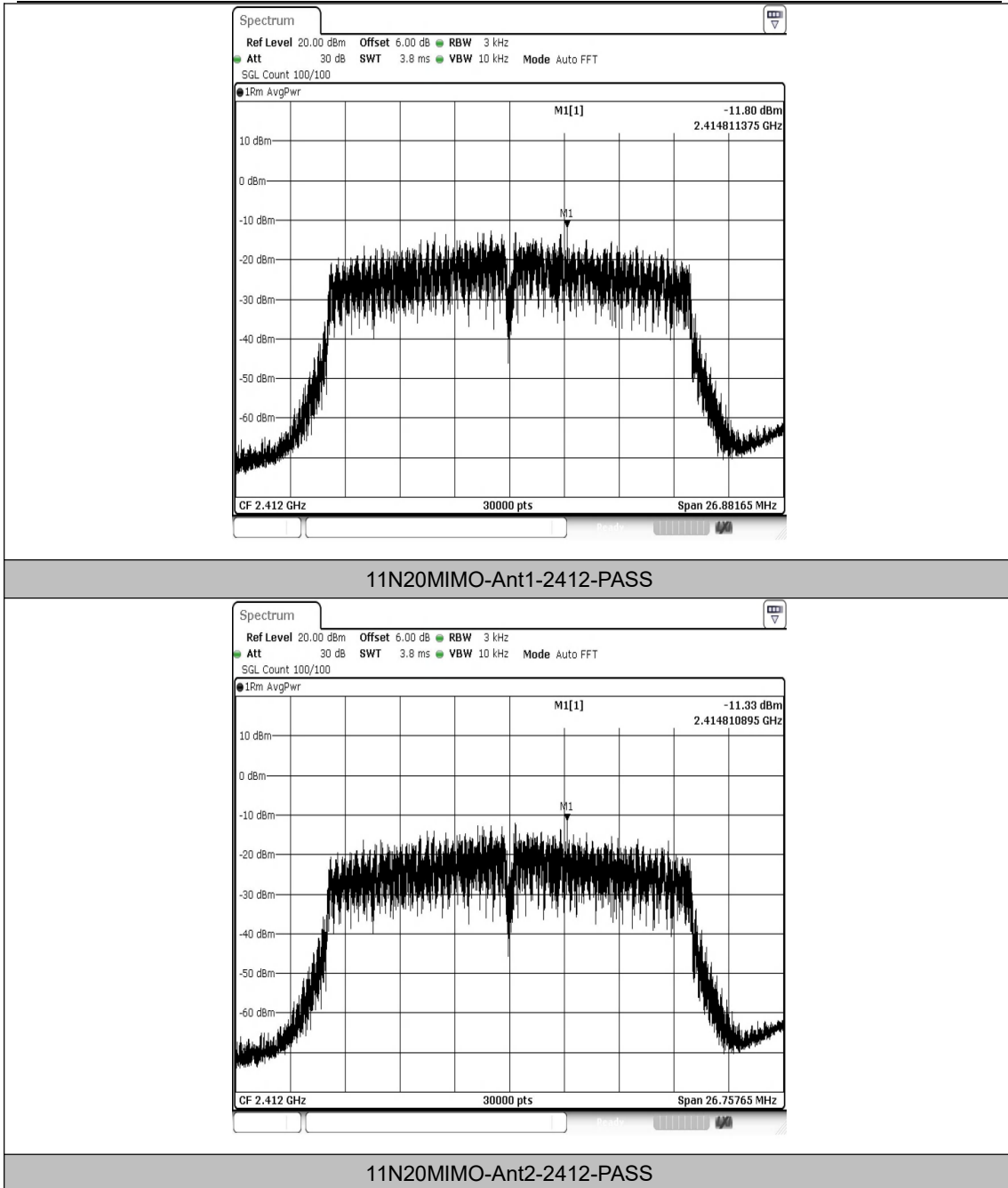


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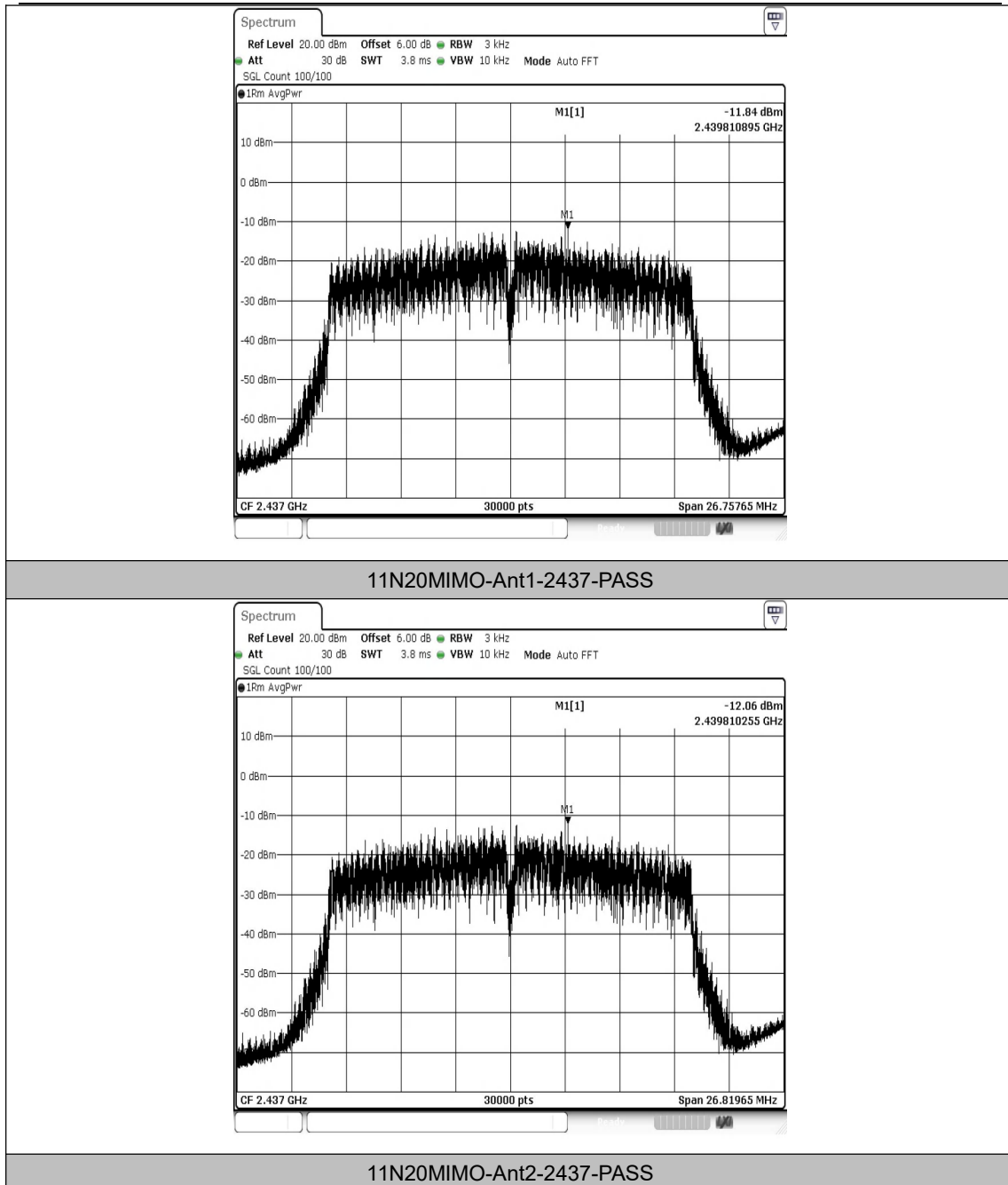


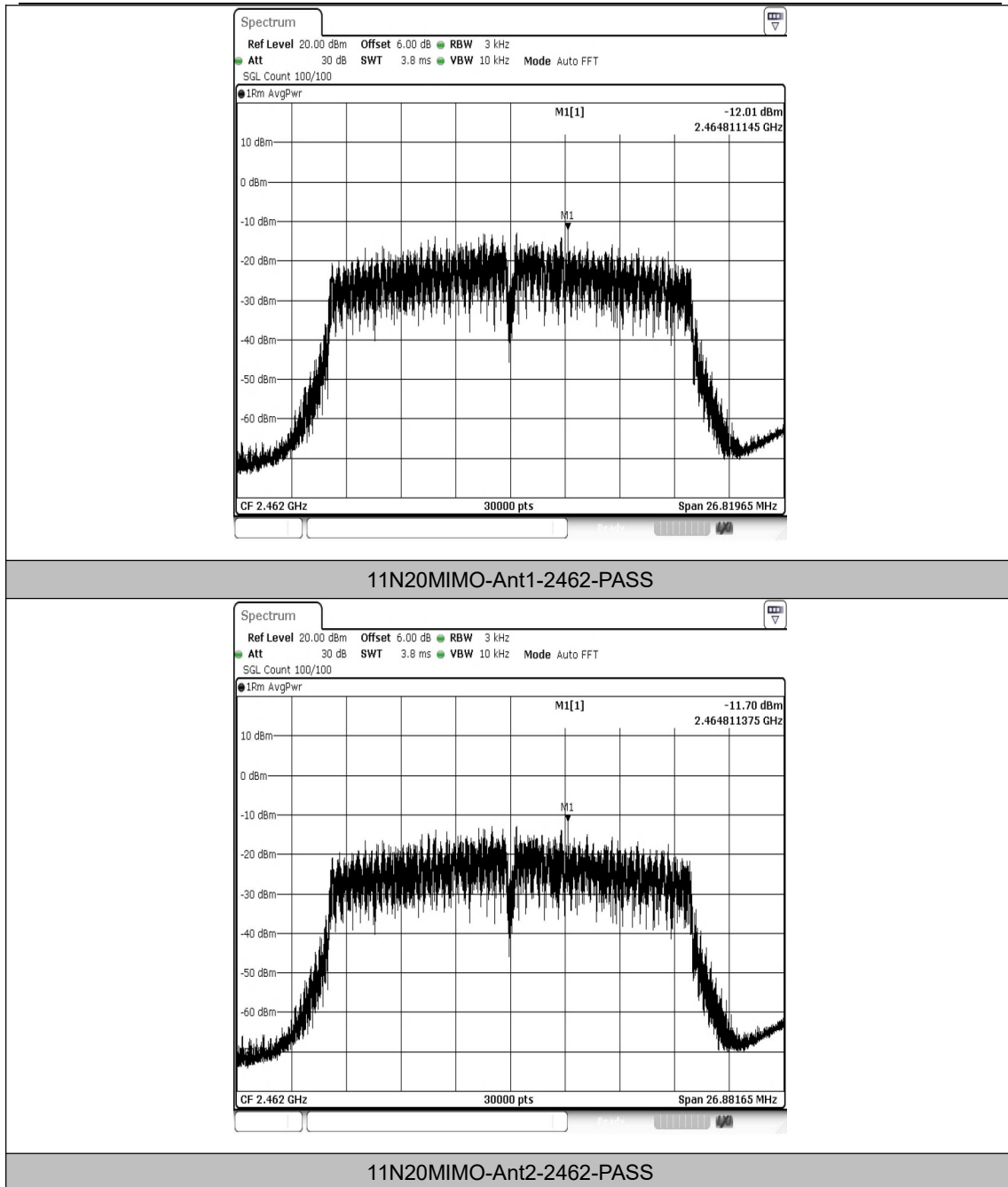


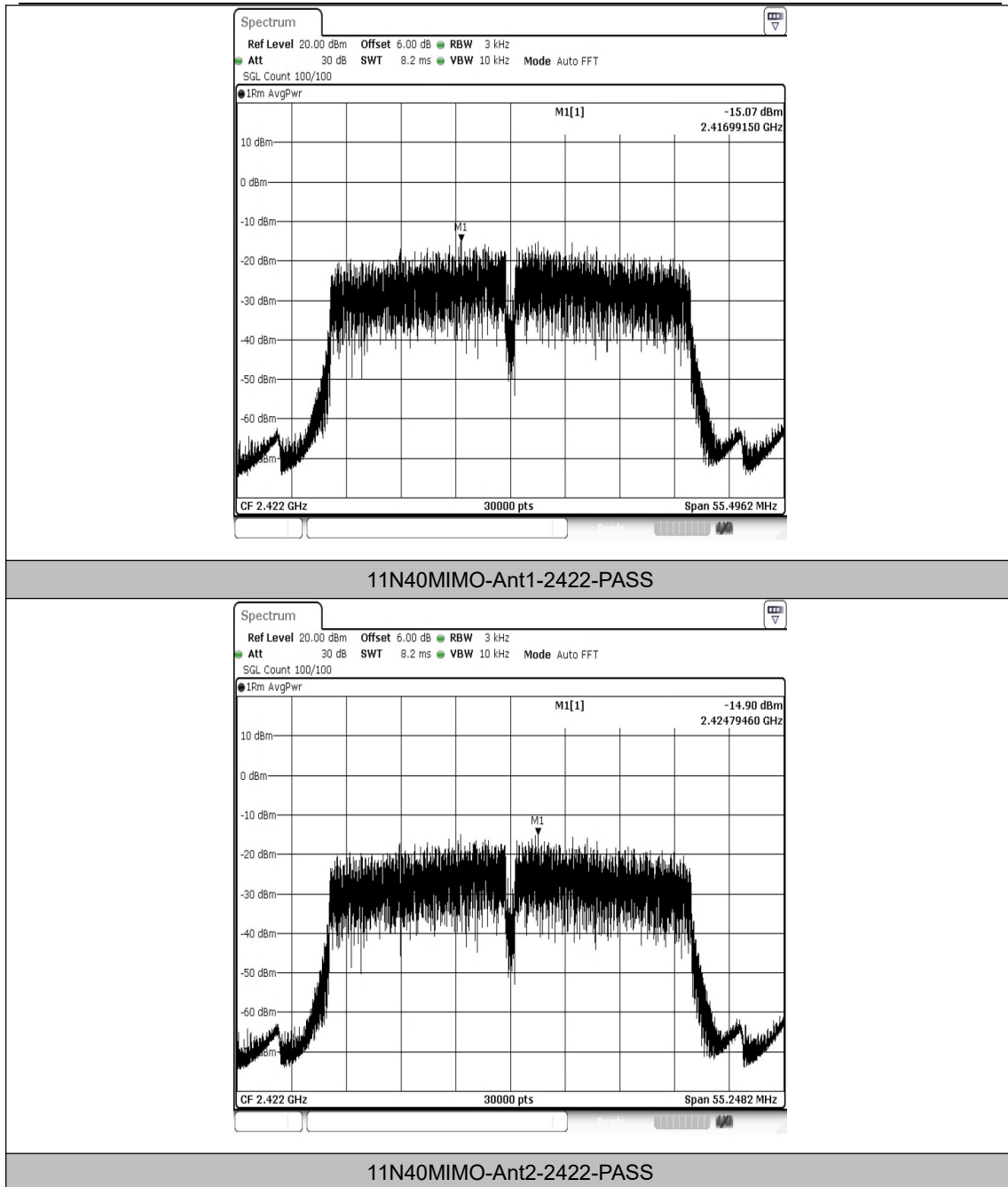
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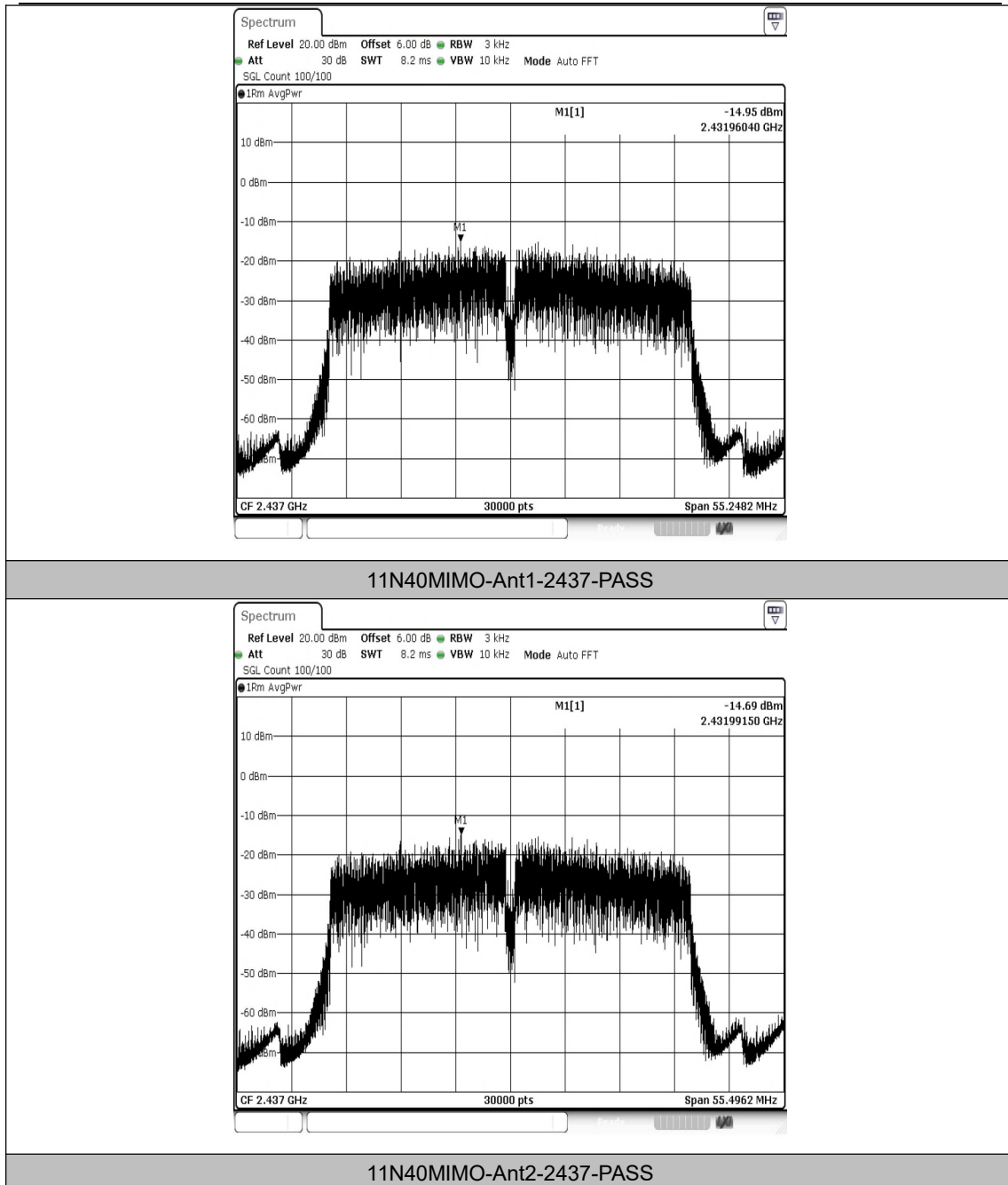
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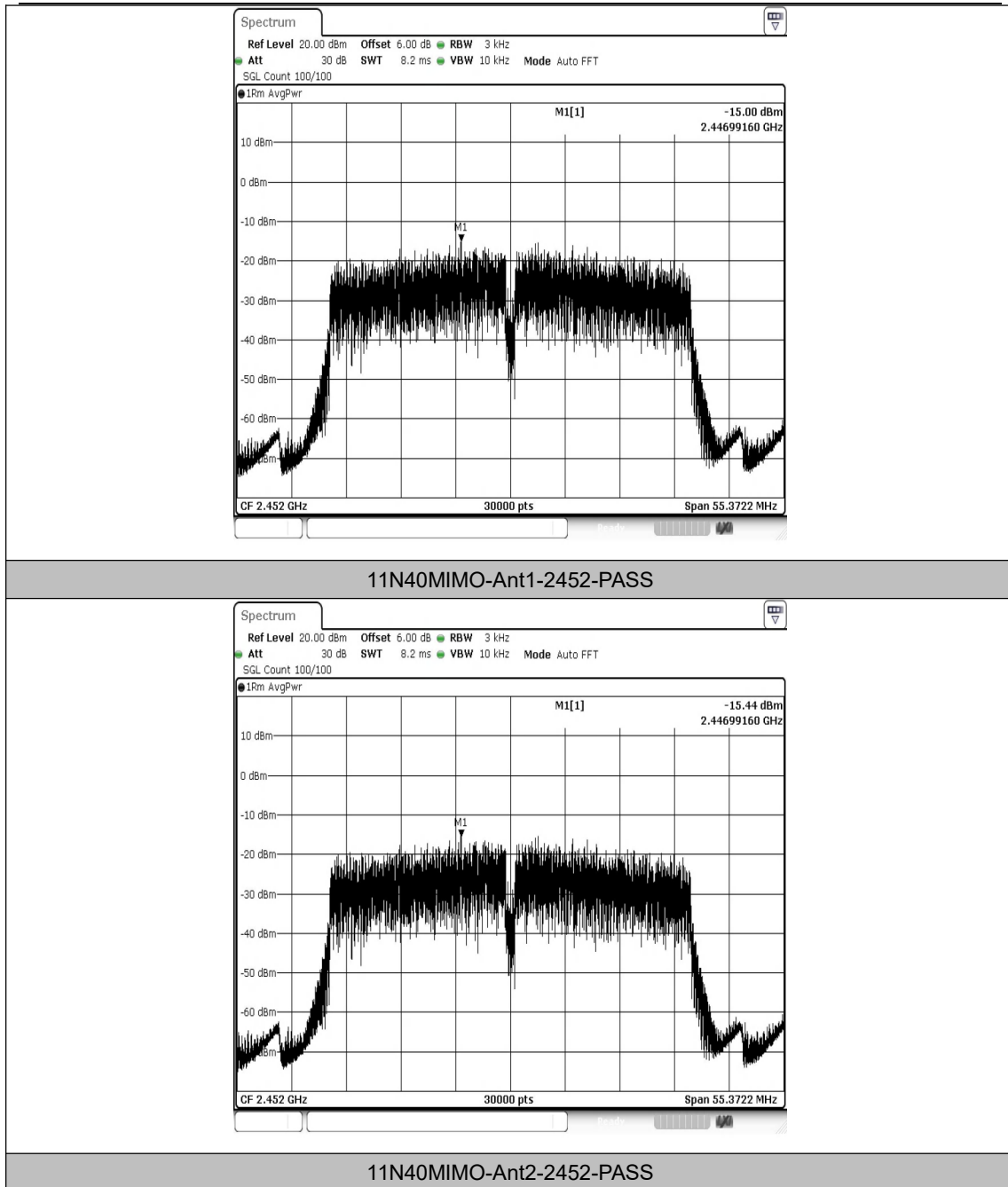




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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.57	-40.21	≤-24.43	PASS
11B	Ant2	Low	2412	4.83	-39.73	≤-25.17	PASS
11B	Ant1	High	2462	4.30	-54.24	≤-25.7	PASS
11B	Ant2	High	2462	3.91	-53	≤-26.09	PASS
11G	Ant1	Low	2412	5.20	-48.93	≤-24.8	PASS
11G	Ant2	Low	2412	5.16	-48.61	≤-24.84	PASS
11G	Ant1	High	2462	4.76	-53.25	≤-25.24	PASS
11G	Ant2	High	2462	4.43	-52.88	≤-25.57	PASS
11N20MIMO	Ant1	Low	2412	4.54	-47.95	≤-25.46	PASS
11N20MIMO	Ant2	Low	2412	5.07	-48.18	≤-24.93	PASS
11N20MIMO	Ant1	High	2462	2.47	-51.85	≤-27.53	PASS
11N20MIMO	Ant2	High	2462	4.86	-52.06	≤-25.14	PASS
11N40MIMO	Ant1	Low	2422	1.42	-46.37	≤-28.58	PASS
11N40MIMO	Ant2	Low	2422	2.75	-47.35	≤-27.25	PASS
11N40MIMO	Ant1	High	2452	2.46	-43.41	≤-27.54	PASS
11N40MIMO	Ant2	High	2452	2.41	-44.57	≤-27.59	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs

