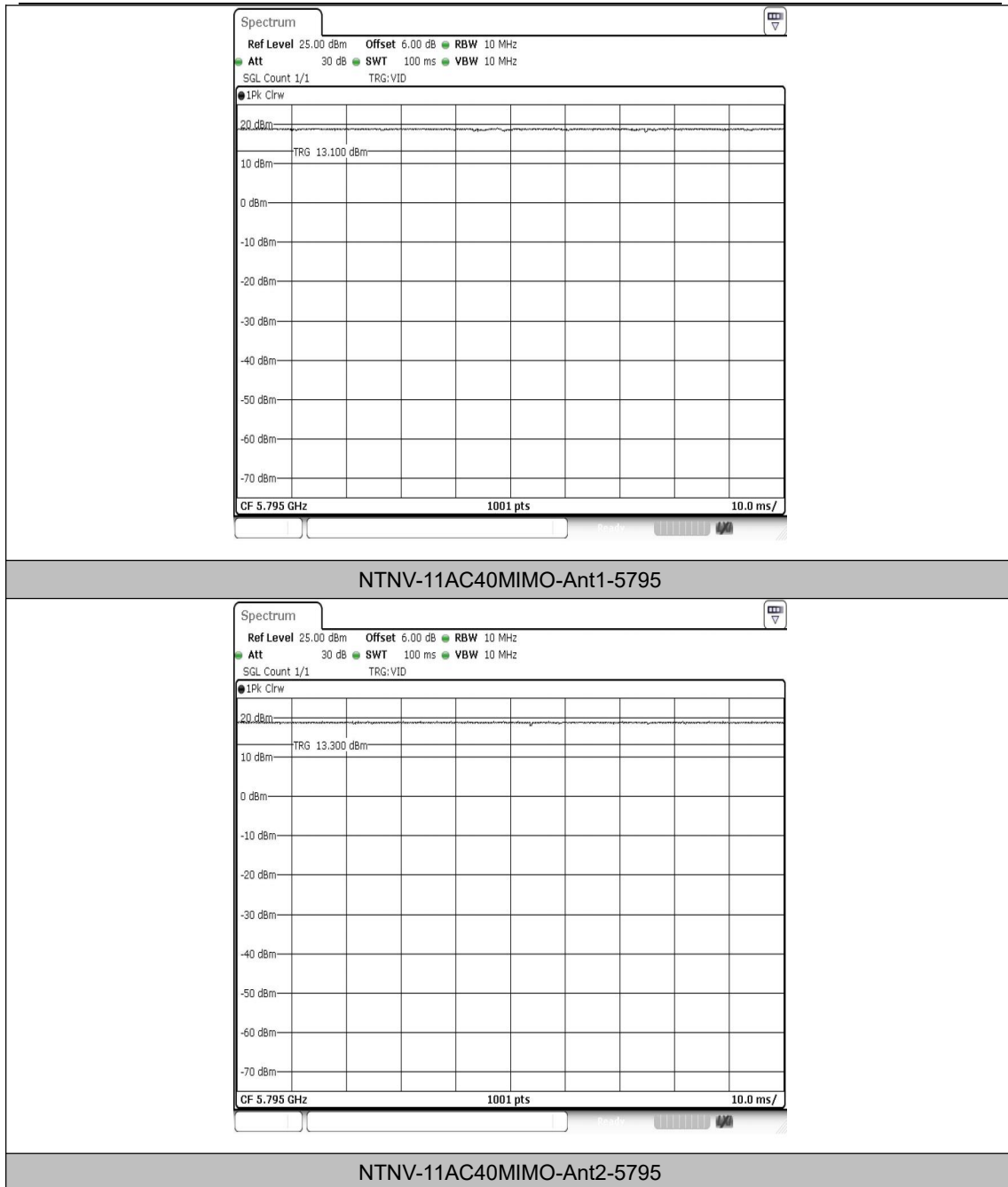
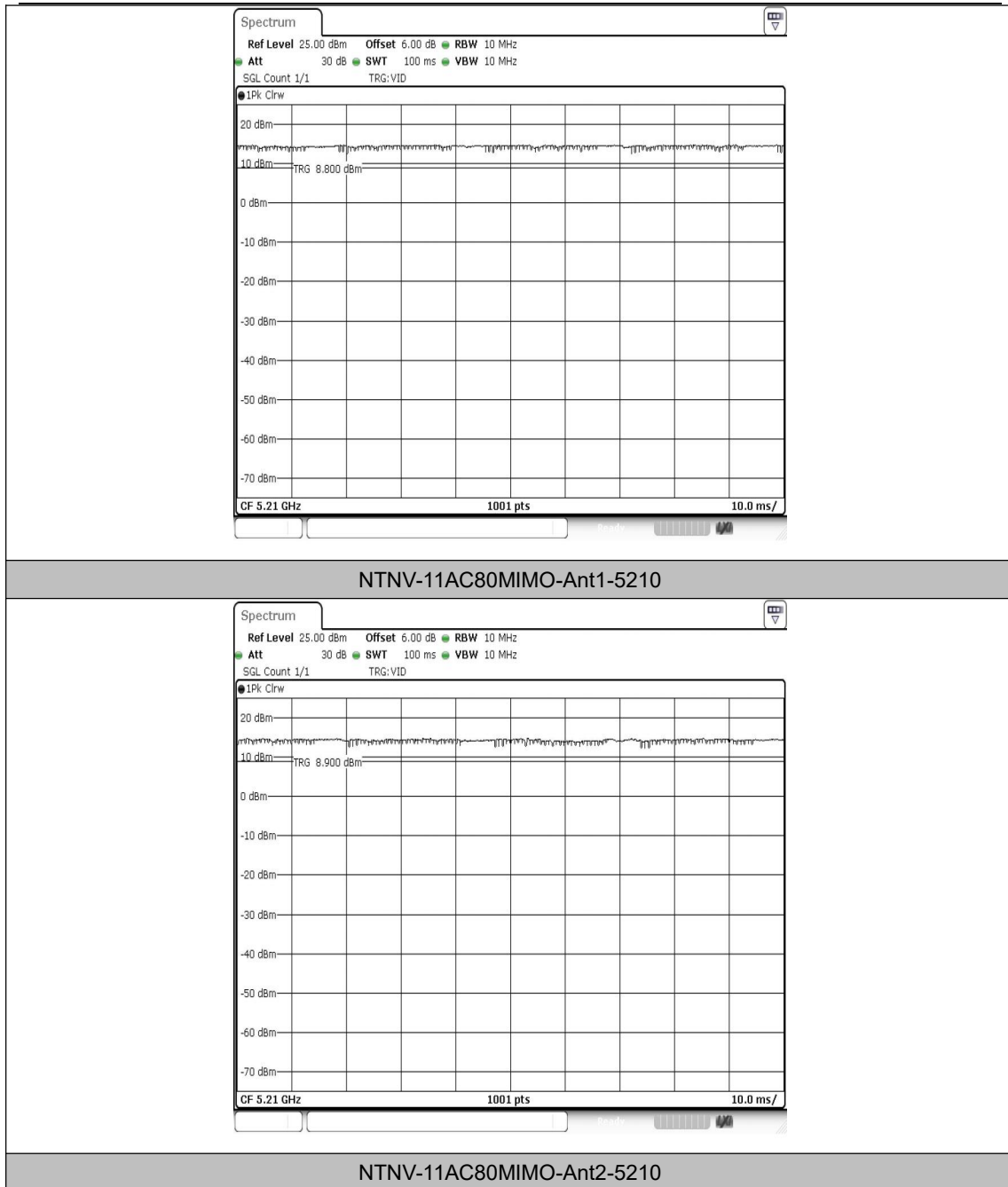




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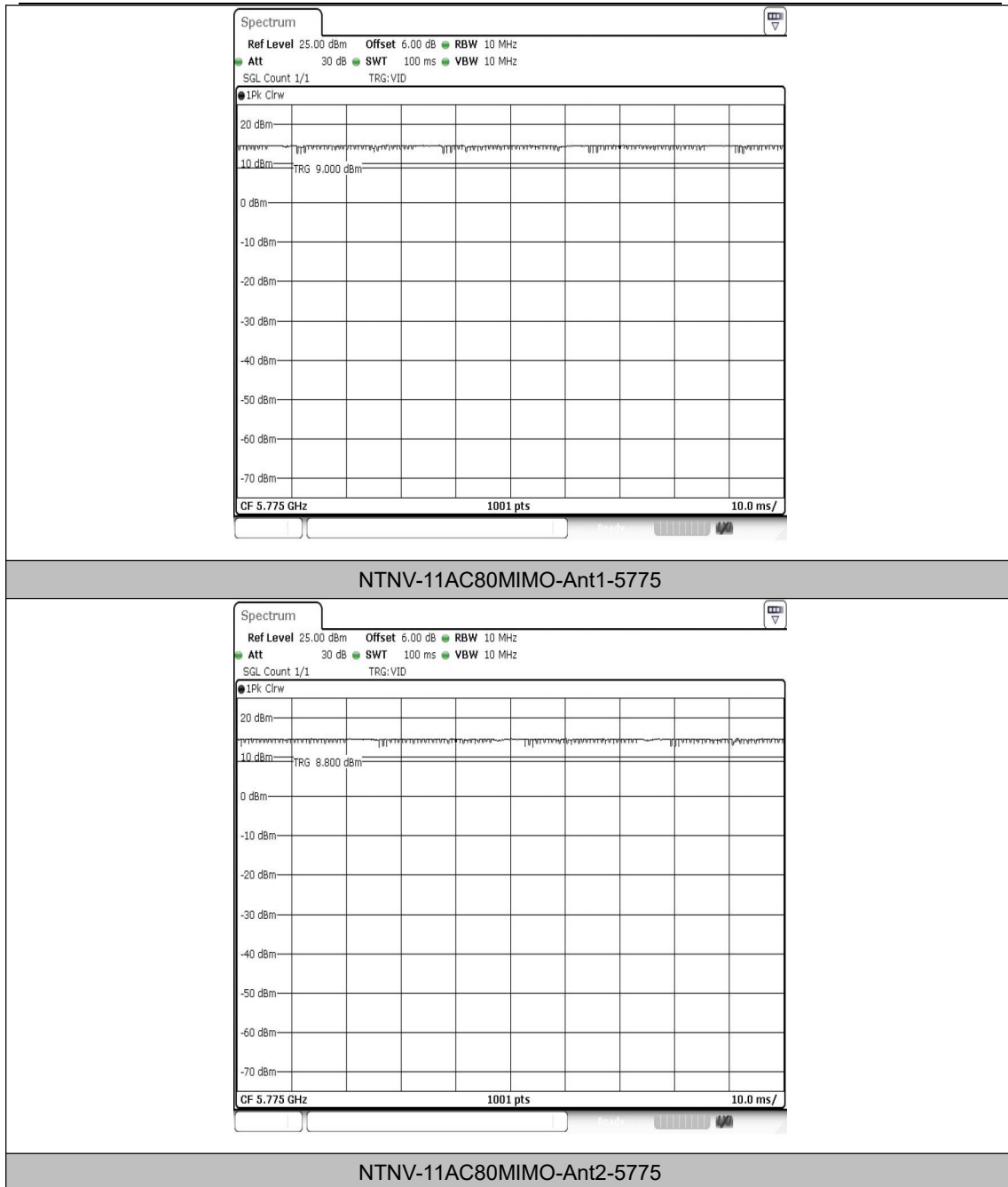
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Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	14.01	100.00	0.00	14.01	≤23.98	PASS
11A	Ant2	5180	---	13.97	100.00	0.00	13.97	≤23.98	PASS
11A	Ant1	5200	---	14.15	100.00	0.00	14.15	≤23.98	PASS
11A	Ant2	5200	---	14.20	100.00	0.00	14.20	≤23.98	PASS
11A	Ant1	5240	---	13.84	100.00	0.00	13.84	≤23.98	PASS
11A	Ant2	5240	---	13.89	100.00	0.00	13.89	≤23.98	PASS
11A	Ant1	5745	---	13.37	100.00	0.00	13.37	≤30.00	PASS
11A	Ant2	5745	---	13.37	100.00	0.00	13.37	≤30.00	PASS
11A	Ant1	5785	---	13.43	100.00	0.00	13.43	≤30.00	PASS
11A	Ant2	5785	---	13.42	100.00	0.00	13.42	≤30.00	PASS
11A	Ant1	5825	---	13.28	100.00	0.00	13.28	≤30.00	PASS
11A	Ant2	5825	---	13.26	100.00	0.00	13.26	≤30.00	PASS
11N20MI MO	Ant1	5180	---	13.83	100.00	0.00	13.83	≤23.98	PASS
11N20MI MO	Ant2	5180	---	13.84	100.00	0.00	13.84	≤23.98	PASS
11N20MI MO	total	5180	---	---	---	---	16.85	≤23.98	PASS
11N20MI MO	Ant1	5200	---	14.01	100.00	0.00	14.01	≤23.98	PASS
11N20MI MO	Ant2	5200	---	14.02	100.00	0.00	14.02	≤23.98	PASS
11N20MI MO	total	5200	---	---	---	---	17.03	≤23.98	PASS
11N20MI MO	Ant1	5240	---	13.71	100.00	0.00	13.71	≤23.98	PASS
11N20MI MO	Ant2	5240	---	13.71	100.00	0.00	13.71	≤23.98	PASS
11N20MI MO	total	5240	---	---	---	---	16.72	≤23.98	PASS
11N20MI MO	Ant1	5745	---	13.20	100.00	0.00	13.20	≤30.00	PASS
11N20MI MO	Ant2	5745	---	13.20	100.00	0.00	13.20	≤30.00	PASS

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MO									
11N20MI MO	total	5745	---	---	---	---	16.21	≤30.00	PASS
11N20MI MO	Ant1	5785	---	13.27	100.00	0.00	13.27	≤30.00	PASS
11N20MI MO	Ant2	5785	---	13.28	100.00	0.00	13.28	≤30.00	PASS
11N20MI MO	total	5785	---	---	---	---	16.29	≤30.00	PASS
11N20MI MO	Ant1	5825	---	13.11	100.00	0.00	13.11	≤30.00	PASS
11N20MI MO	Ant2	5825	---	13.12	100.00	0.00	13.12	≤30.00	PASS
11N20MI MO	total	5825	---	---	---	---	16.13	≤30.00	PASS
11N40MI MO	Ant1	5190	---	14.12	100.00	0.00	14.12	≤23.98	PASS
11N40MI MO	Ant2	5190	---	14.12	100.00	0.00	14.12	≤23.98	PASS
11N40MI MO	total	5190	---	---	---	---	17.13	≤23.98	PASS
11N40MI MO	Ant1	5230	---	13.99	100.00	0.00	13.99	≤23.98	PASS
11N40MI MO	Ant2	5230	---	13.98	100.00	0.00	13.98	≤23.98	PASS
11N40MI MO	total	5230	---	---	---	---	17.00	≤23.98	PASS
11N40MI MO	Ant1	5755	---	13.42	100.00	0.00	13.42	≤30.00	PASS
11N40MI MO	Ant2	5755	---	13.42	100.00	0.00	13.42	≤30.00	PASS
11N40MI MO	total	5755	---	---	---	---	16.43	≤30.00	PASS
11N40MI MO	Ant1	5795	---	13.47	100.00	0.00	13.47	≤30.00	PASS
11N40MI MO	Ant2	5795	---	13.45	100.00	0.00	13.45	≤30.00	PASS
11N40MI MO	total	5795	---	---	---	---	16.47	≤30.00	PASS
11AC20M IMO	Ant1	5180	---	13.84	100.00	0.00	13.84	≤23.98	PASS
11AC20M IMO	Ant2	5180	---	13.84	100.00	0.00	13.84	≤23.98	PASS

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11AC20M IMO	total	5180	---	---	---	---	16.85	≤23.98	PASS
11AC20M IMO	Ant1	5200	---	14.04	100.00	0.00	14.04	≤23.98	PASS
11AC20M IMO	Ant2	5200	---	14.03	100.00	0.00	14.03	≤23.98	PASS
11AC20M IMO	total	5200	---	---	---	---	17.05	≤23.98	PASS
11AC20M IMO	Ant1	5240	---	13.73	100.00	0.00	13.73	≤23.98	PASS
11AC20M IMO	Ant2	5240	---	13.74	100.00	0.00	13.74	≤23.98	PASS
11AC20M IMO	total	5240	---	---	---	---	16.75	≤23.98	PASS
11AC20M IMO	Ant1	5745	---	13.22	100.00	0.00	13.22	≤30.00	PASS
11AC20M IMO	Ant2	5745	---	13.22	100.00	0.00	13.22	≤30.00	PASS
11AC20M IMO	total	5745	---	---	---	---	16.23	≤30.00	PASS
11AC20M IMO	Ant1	5785	---	13.29	100.00	0.00	13.29	≤30.00	PASS
11AC20M IMO	Ant2	5785	---	13.29	100.00	0.00	13.29	≤30.00	PASS
11AC20M IMO	total	5785	---	---	---	---	16.30	≤30.00	PASS
11AC20M IMO	Ant1	5825	---	13.11	100.00	0.00	13.11	≤30.00	PASS
11AC20M IMO	Ant2	5825	---	13.10	100.00	0.00	13.10	≤30.00	PASS
11AC20M IMO	total	5825	---	---	---	---	16.12	≤30.00	PASS
11AC40M IMO	Ant1	5190	---	14.13	100.00	0.00	14.13	≤23.98	PASS
11AC40M IMO	Ant2	5190	---	14.13	100.00	0.00	14.13	≤23.98	PASS
11AC40M IMO	total	5190	---	---	---	---	17.14	≤23.98	PASS
11AC40M IMO	Ant1	5230	---	14.03	100.00	0.00	14.03	≤23.98	PASS
11AC40M IMO	Ant2	5230	---	14.03	100.00	0.00	14.03	≤23.98	PASS
11AC40M	total	5230	---	---	---	---	17.04	≤23.98	PASS

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IMO									
11AC40M IMO	Ant1	5755	---	13.86	100.00	0.00	13.86	≤30.00	PASS
11AC40M IMO	Ant2	5755	---	13.90	100.00	0.00	13.90	≤30.00	PASS
11AC40M IMO	total	5755	---	---	---	---	16.89	≤30.00	PASS
11AC40M IMO	Ant1	5795	---	13.98	100.00	0.00	13.98	≤30.00	PASS
11AC40M IMO	Ant2	5795	---	14.05	100.00	0.00	14.05	≤30.00	PASS
11AC40M IMO	total	5795	---	---	---	---	17.03	≤30.00	PASS
11AC80M IMO	Ant1	5210	---	13.69	100.00	0.00	13.69	≤23.98	PASS
11AC80M IMO	Ant2	5210	---	13.56	100.00	0.00	13.56	≤23.98	PASS
11AC80M IMO	total	5210	---	---	---	---	16.64	≤23.98	PASS
11AC80M IMO	Ant1	5775	---	13.61	100.00	0.00	13.61	≤30.00	PASS
11AC80M IMO	Ant2	5775	---	13.62	100.00	0.00	13.62	≤30.00	PASS
11AC80M IMO	total	5775	---	---	---	---	16.63	≤30.00	PASS

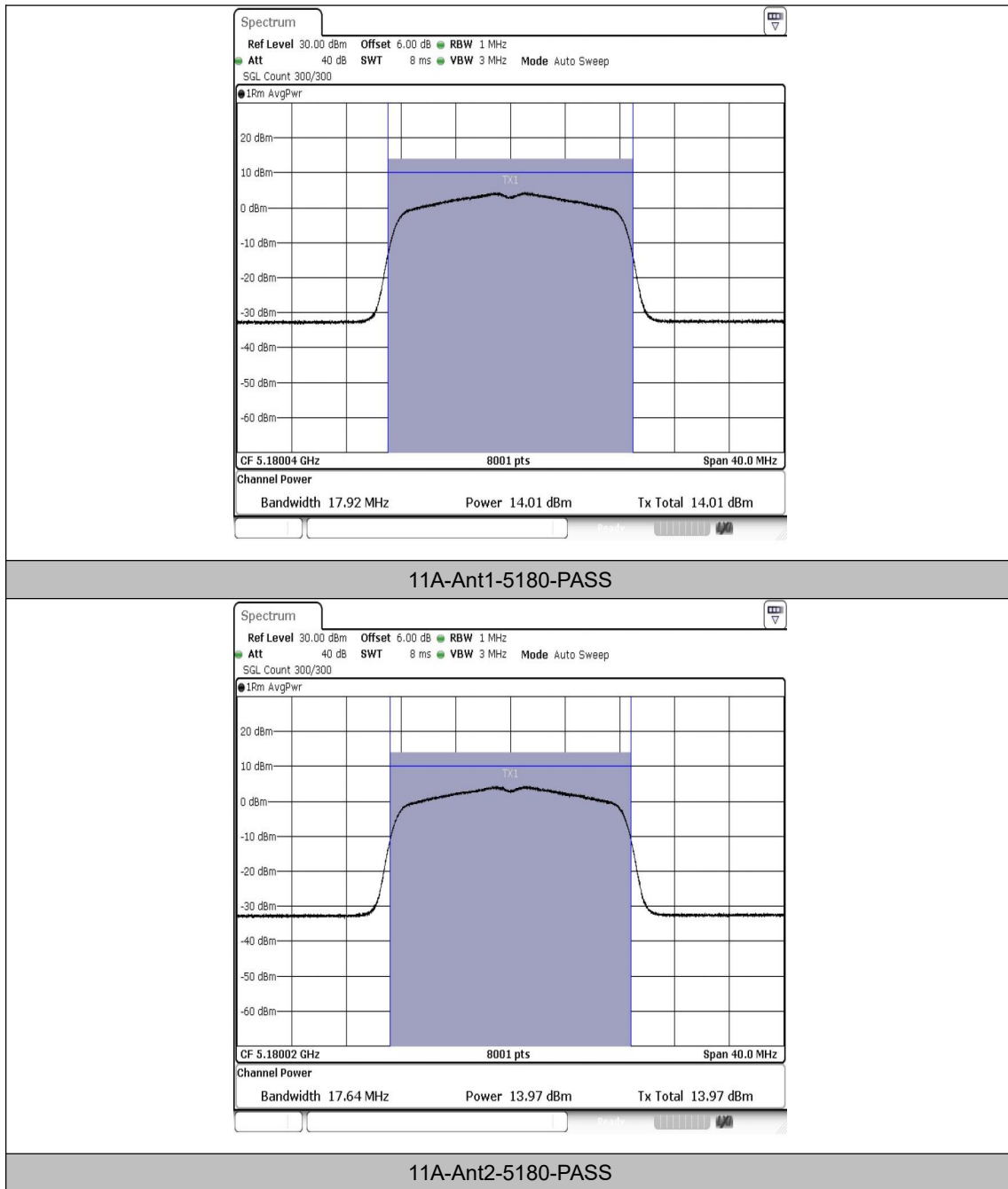
Note: 1.The cable loss are compensated in the graph.

2. For 5.2G: As Directional gain = $10 \log[(10G1/20 + 10G2/20) 2 / NANT]$ dBi=5.18<6dBi,
so limit=23.98dBm.

For 5.8G: As Directional gain = $10 \log[(10G1/20 + 10G2/20) 2 / NANT]$ dBi=5.63<6dBi,
so limit=30dBm.

3.MIMO= $10 \cdot \text{LOG}((10^{\wedge}ANT1/10)+10^{\wedge}(ANT2/10))$

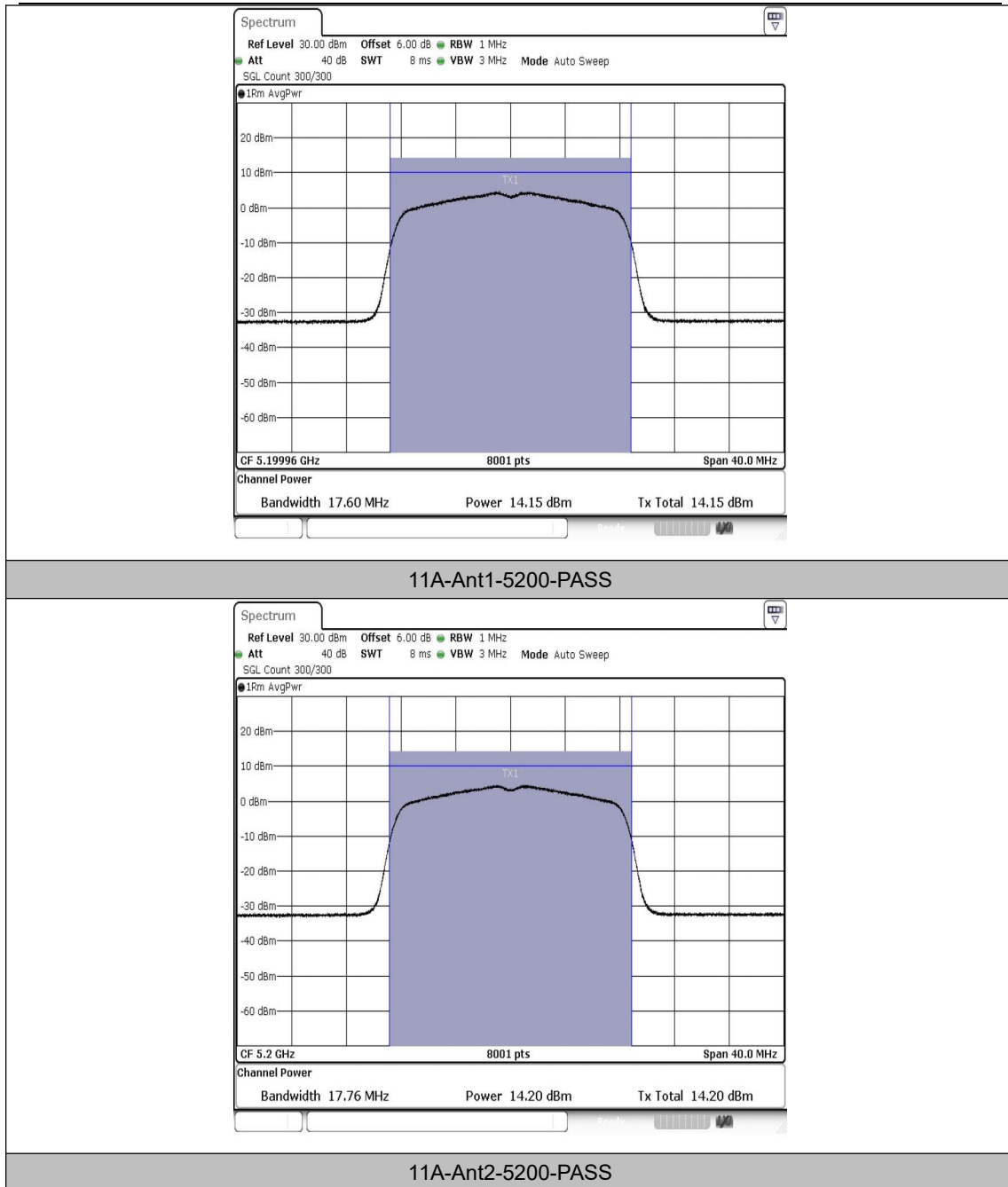
Test Graphs Channel Power



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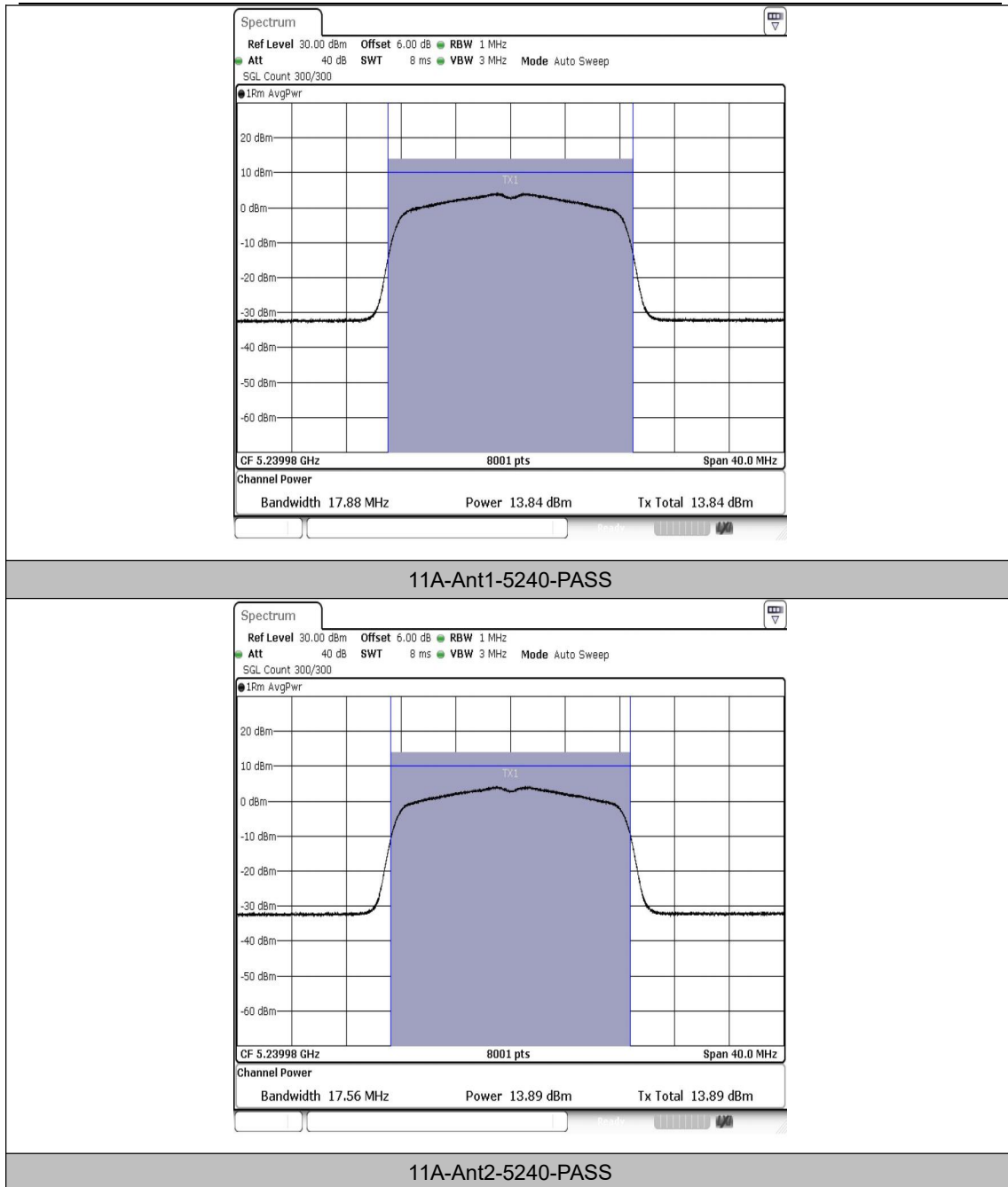
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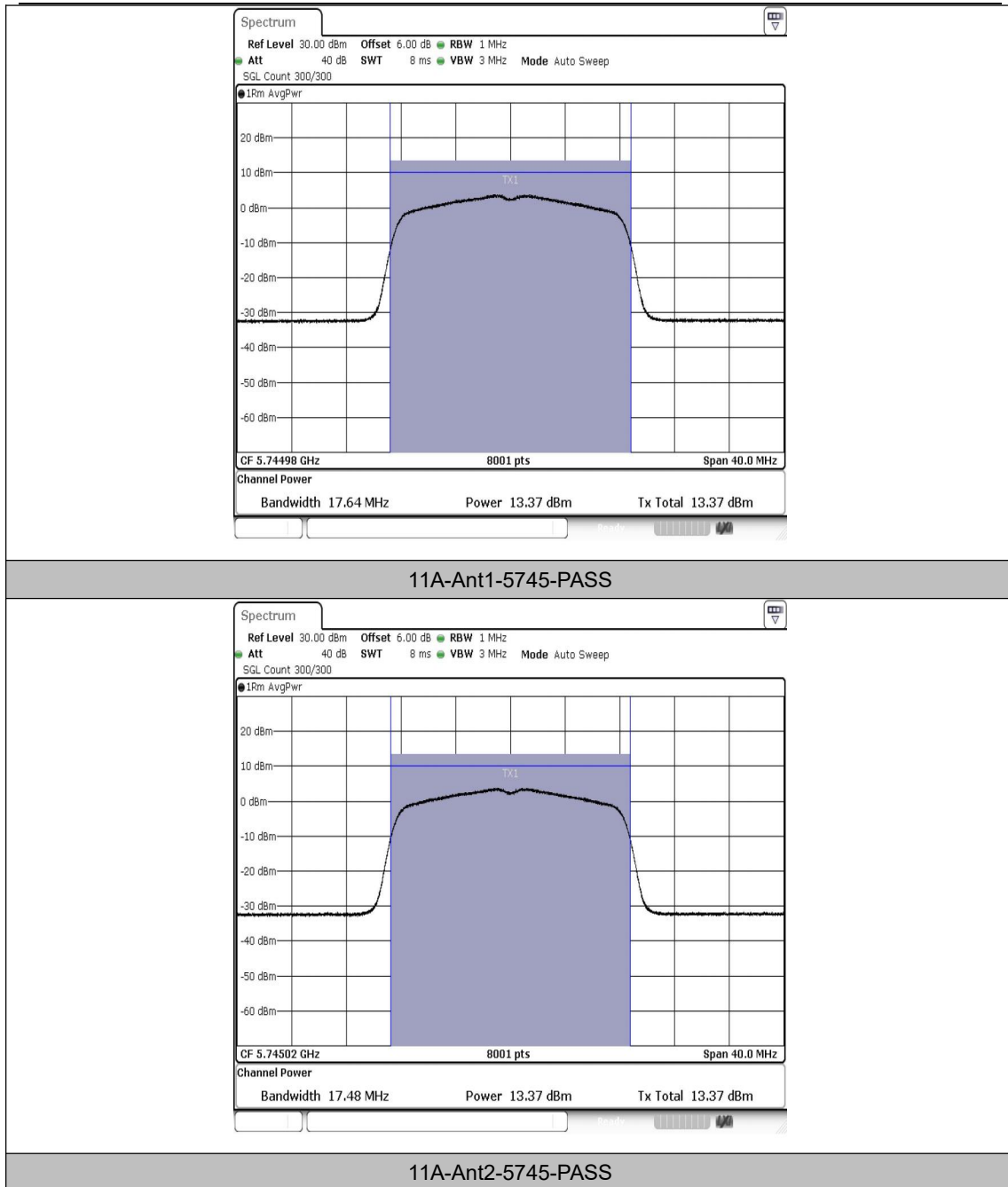
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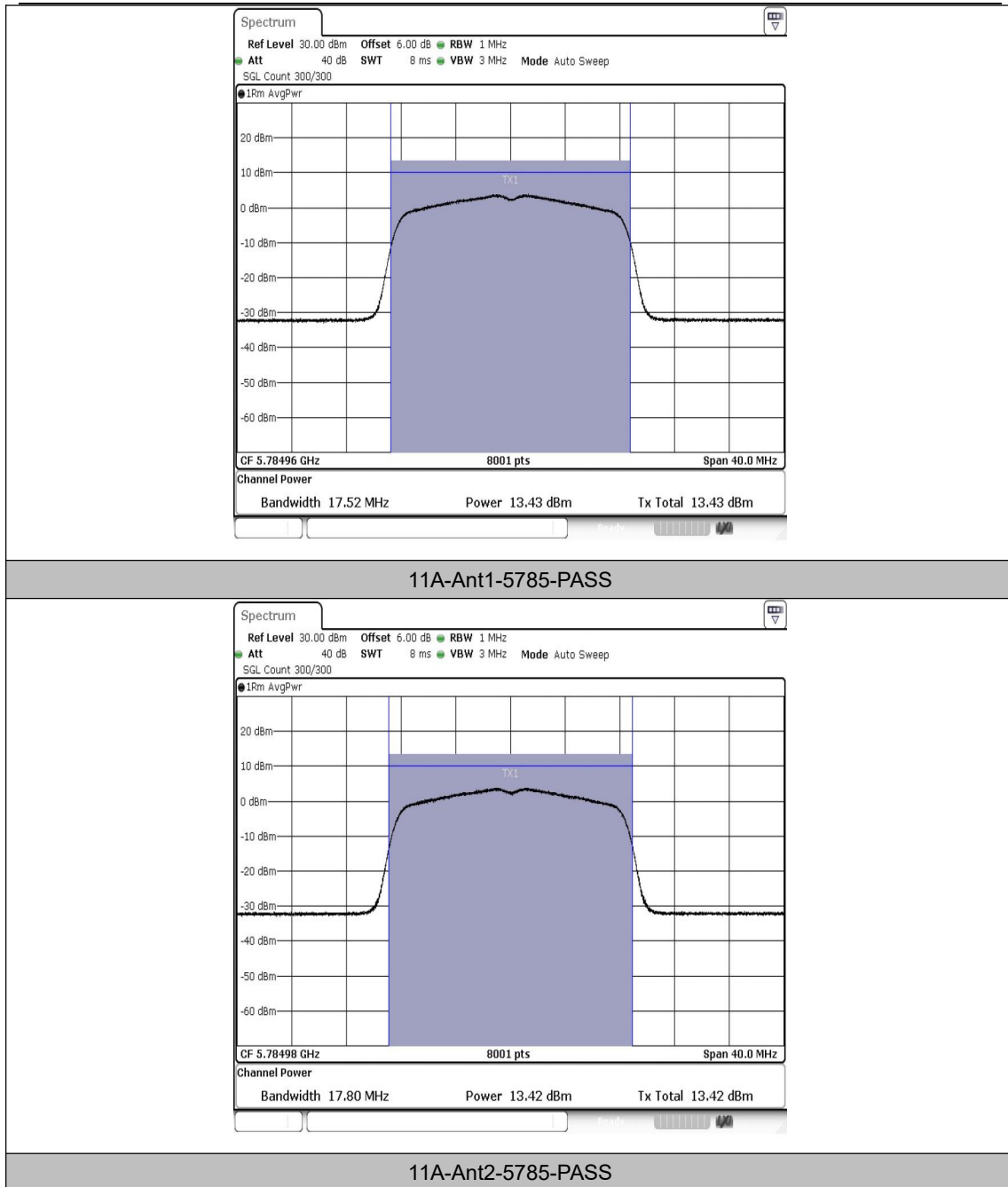
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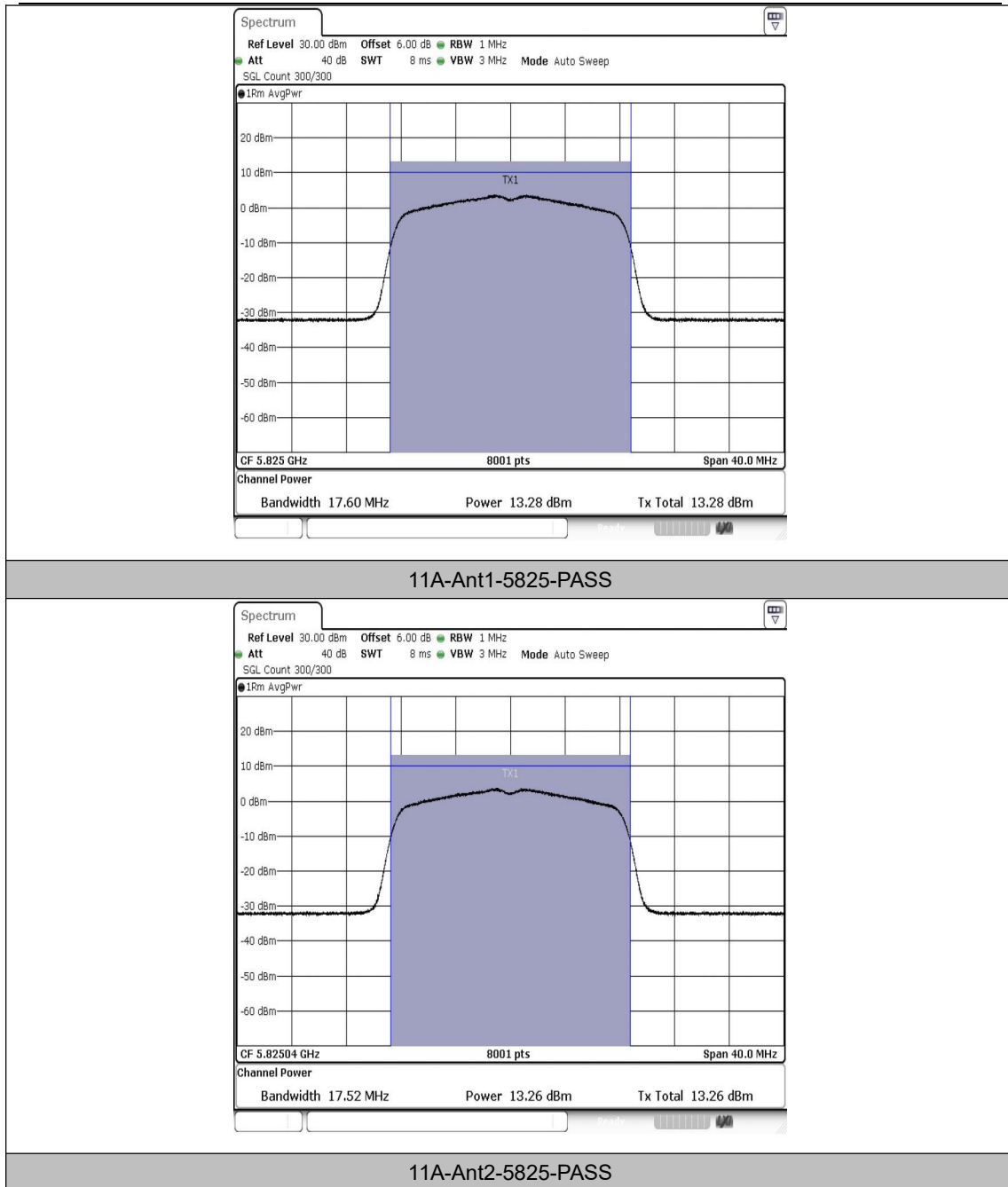
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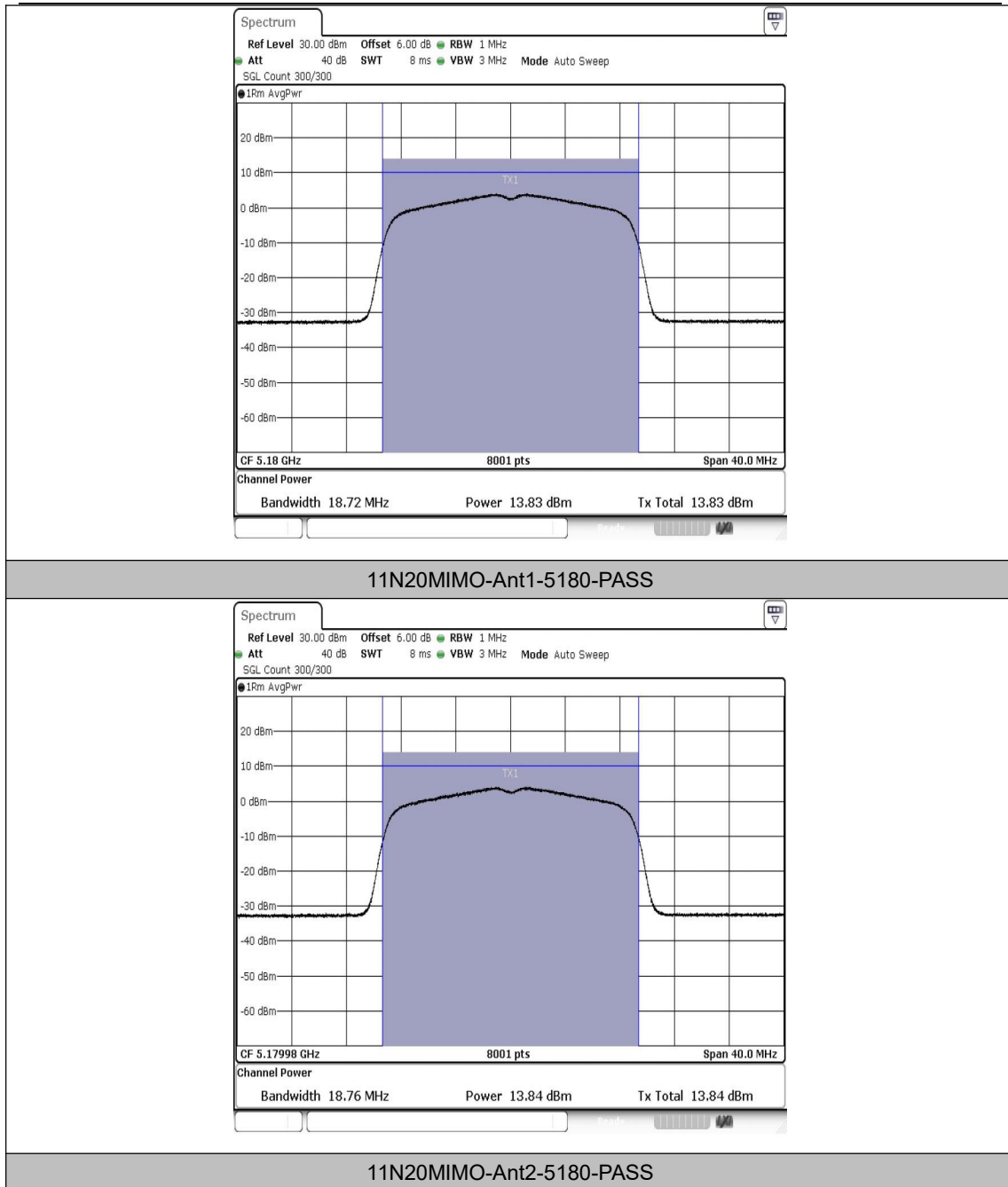
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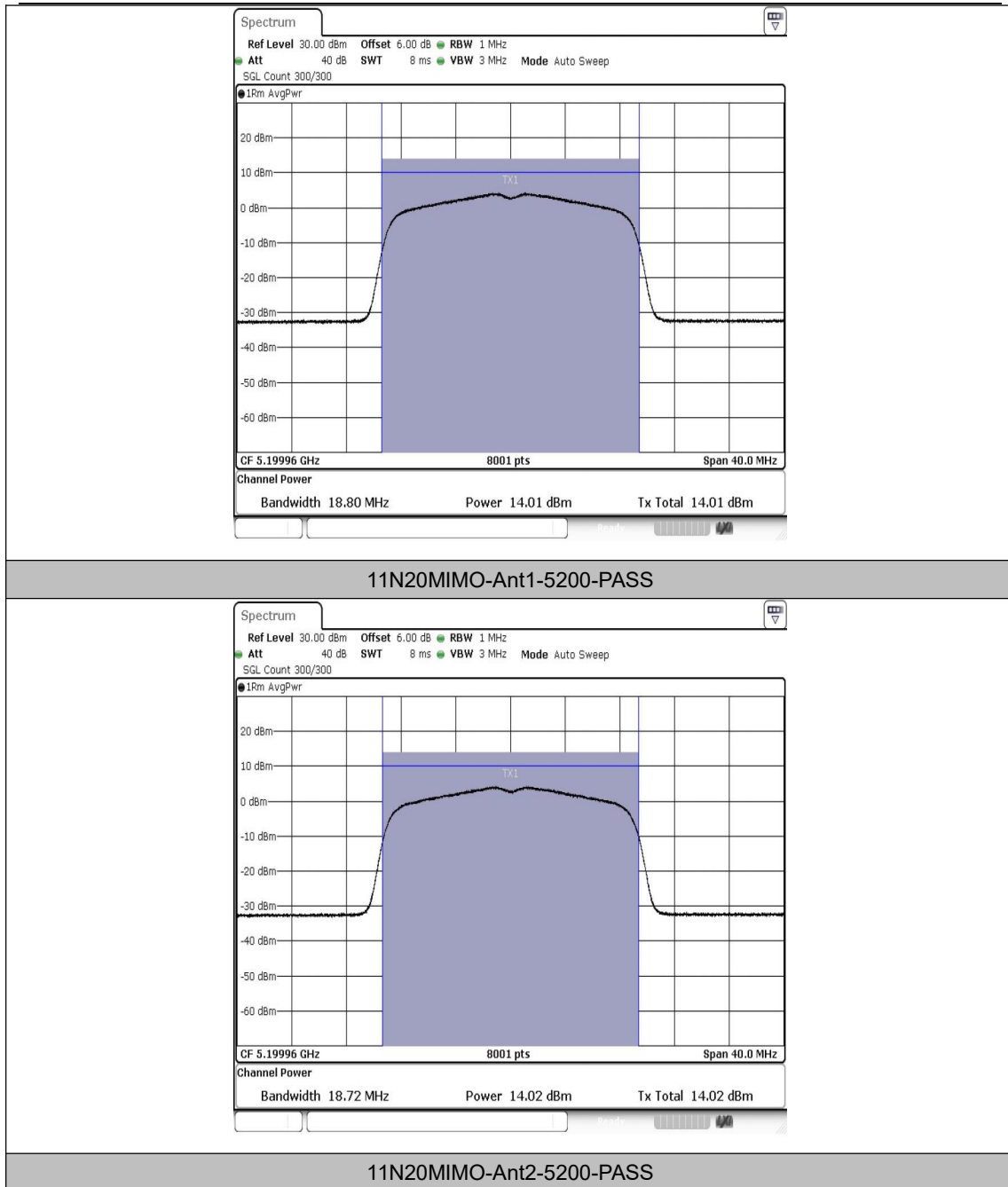
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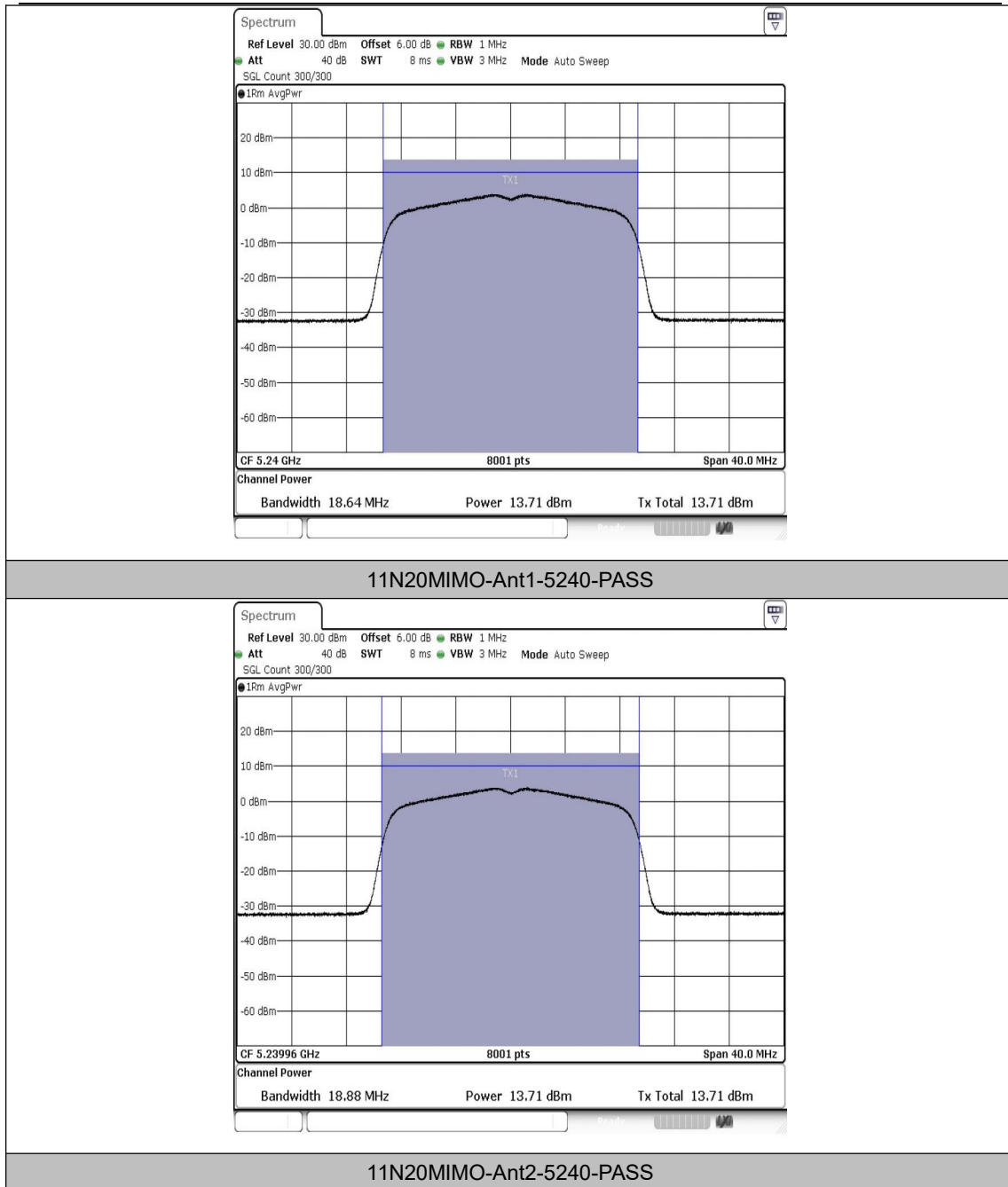
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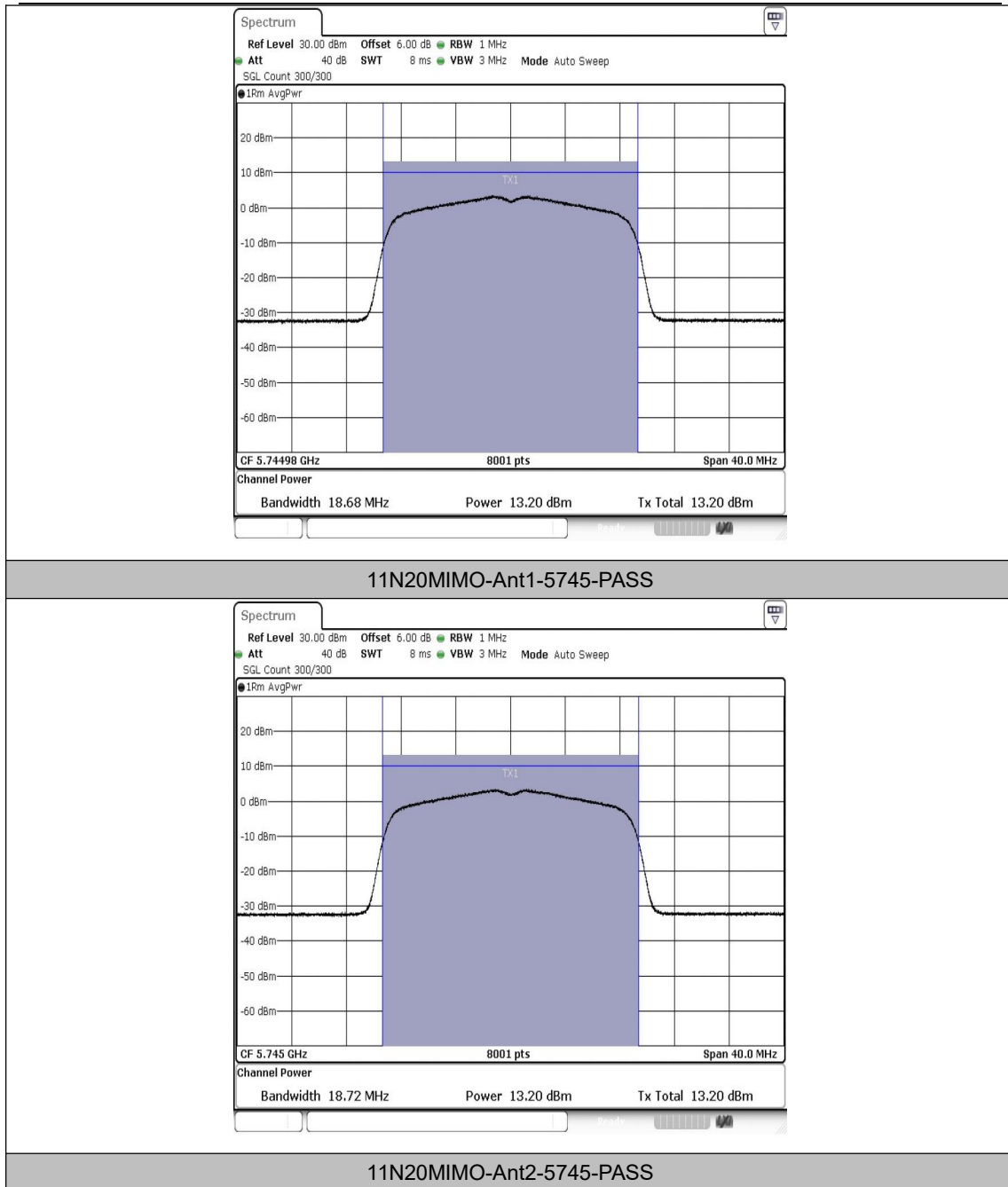
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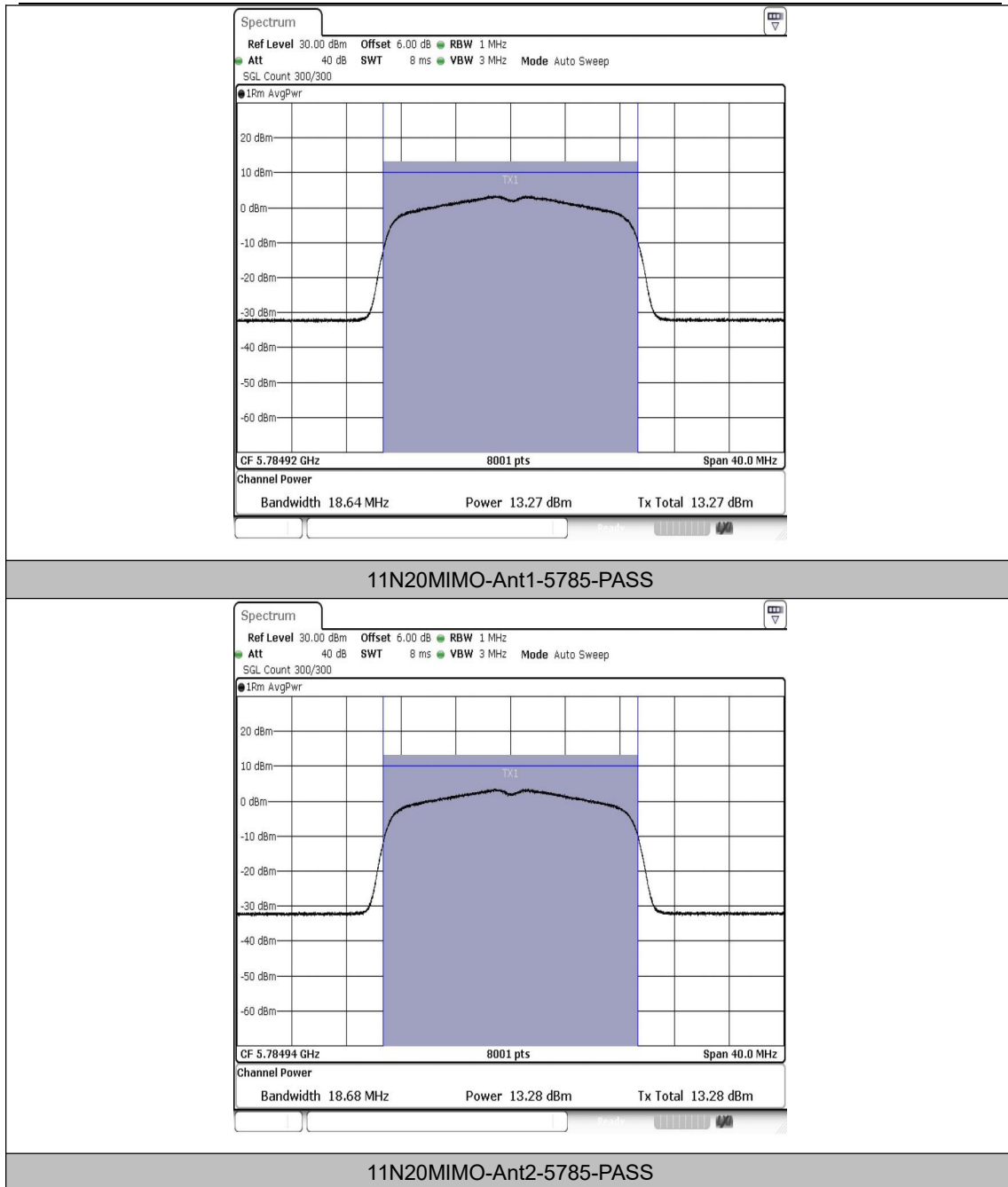
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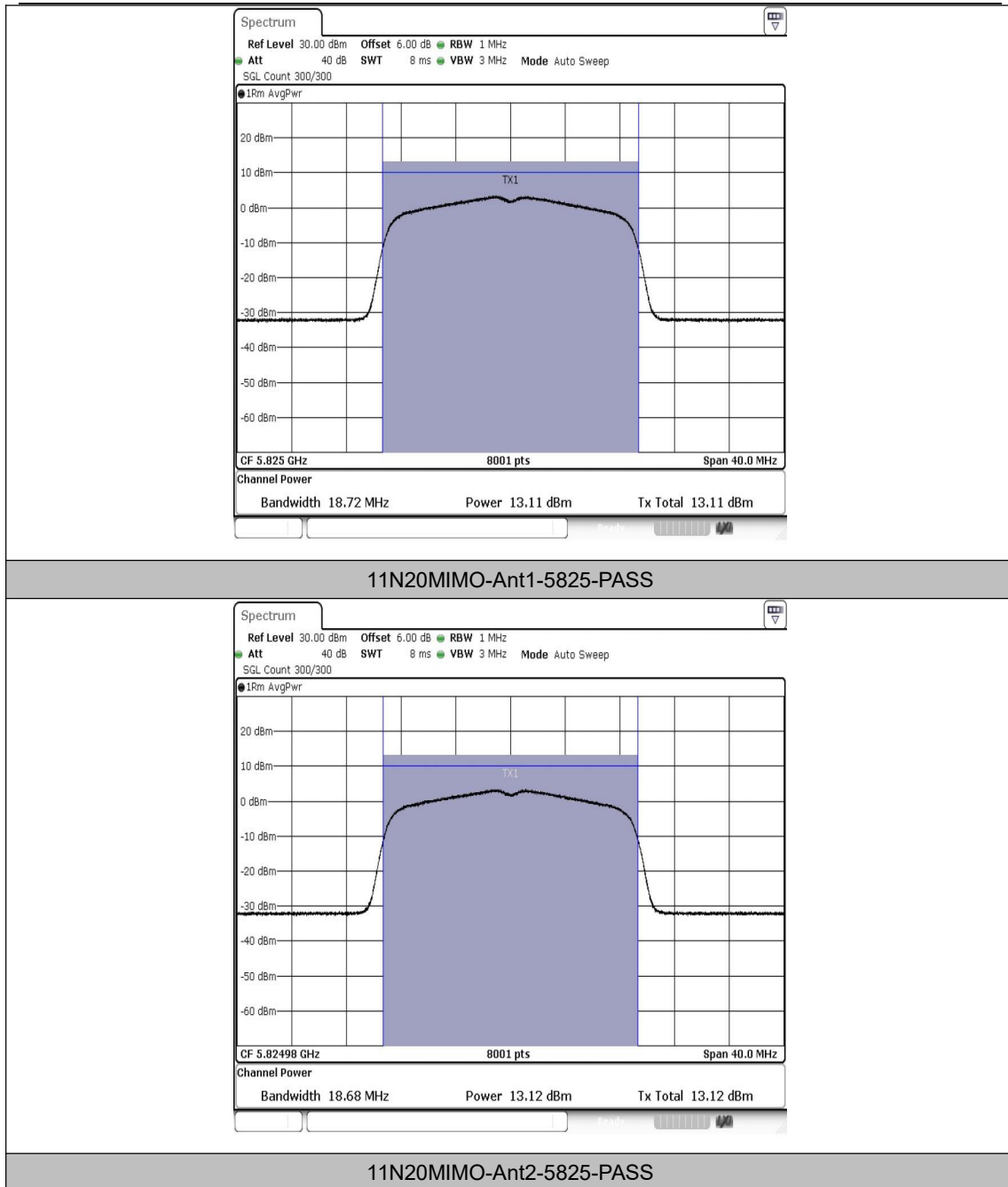
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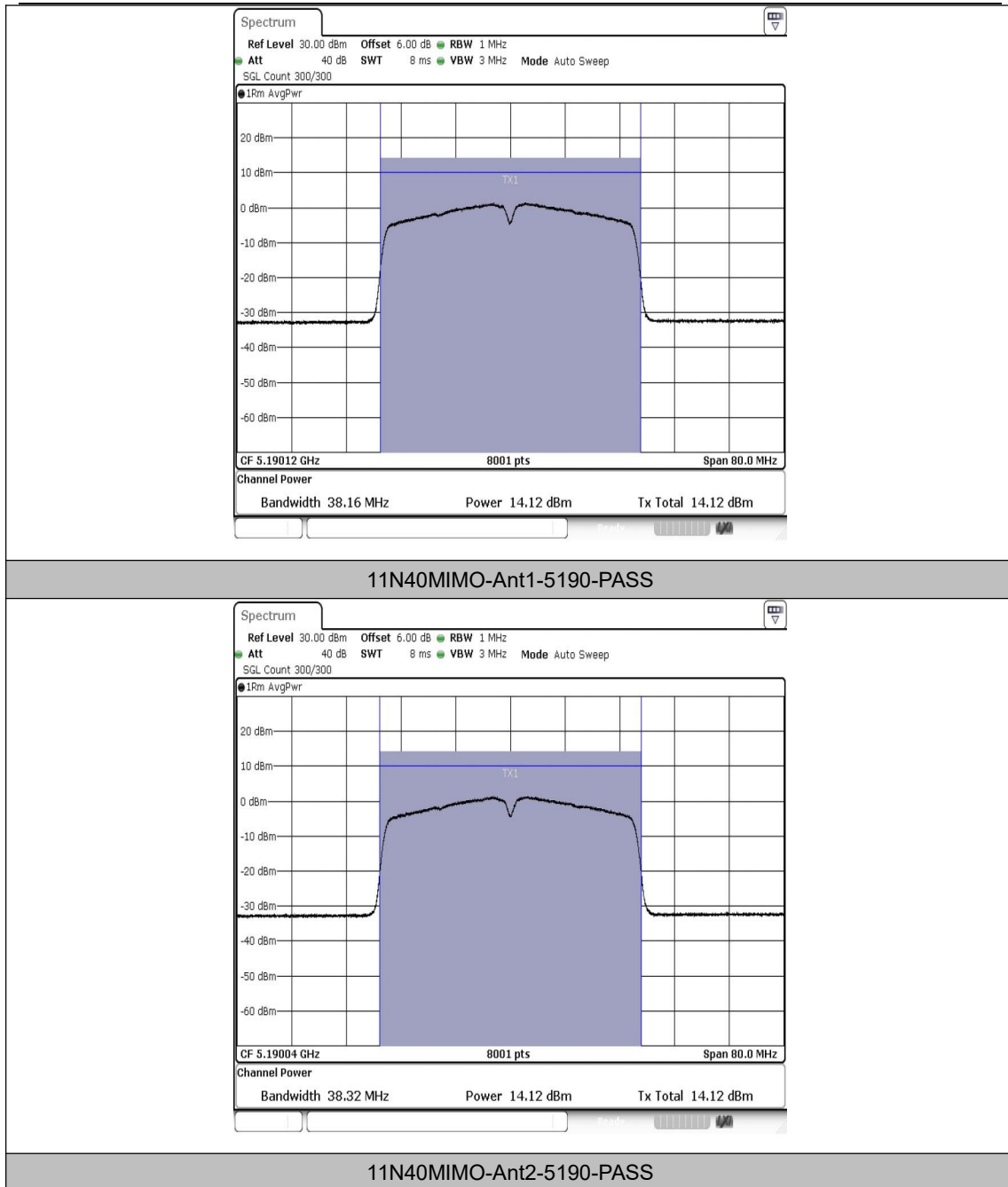
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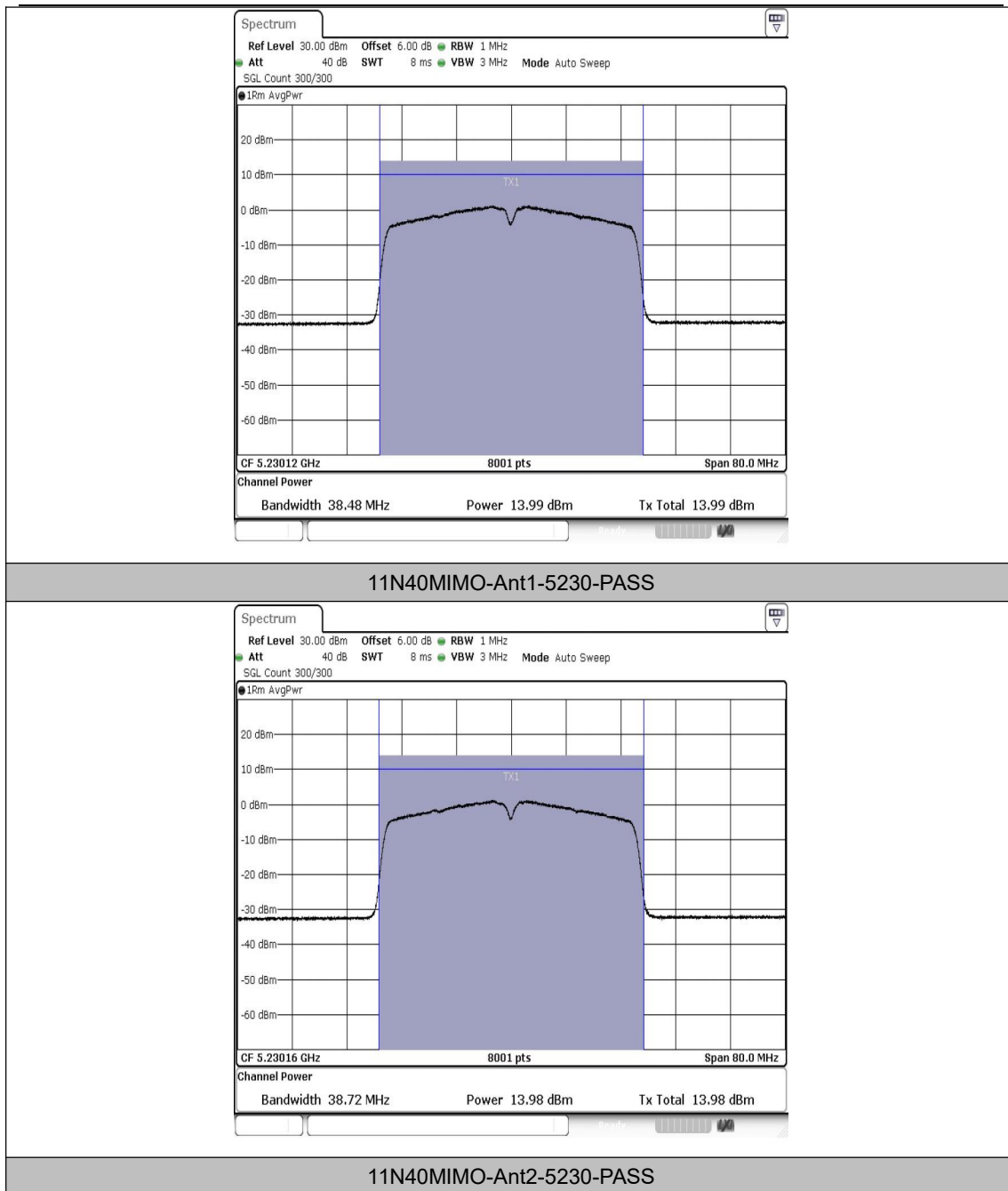
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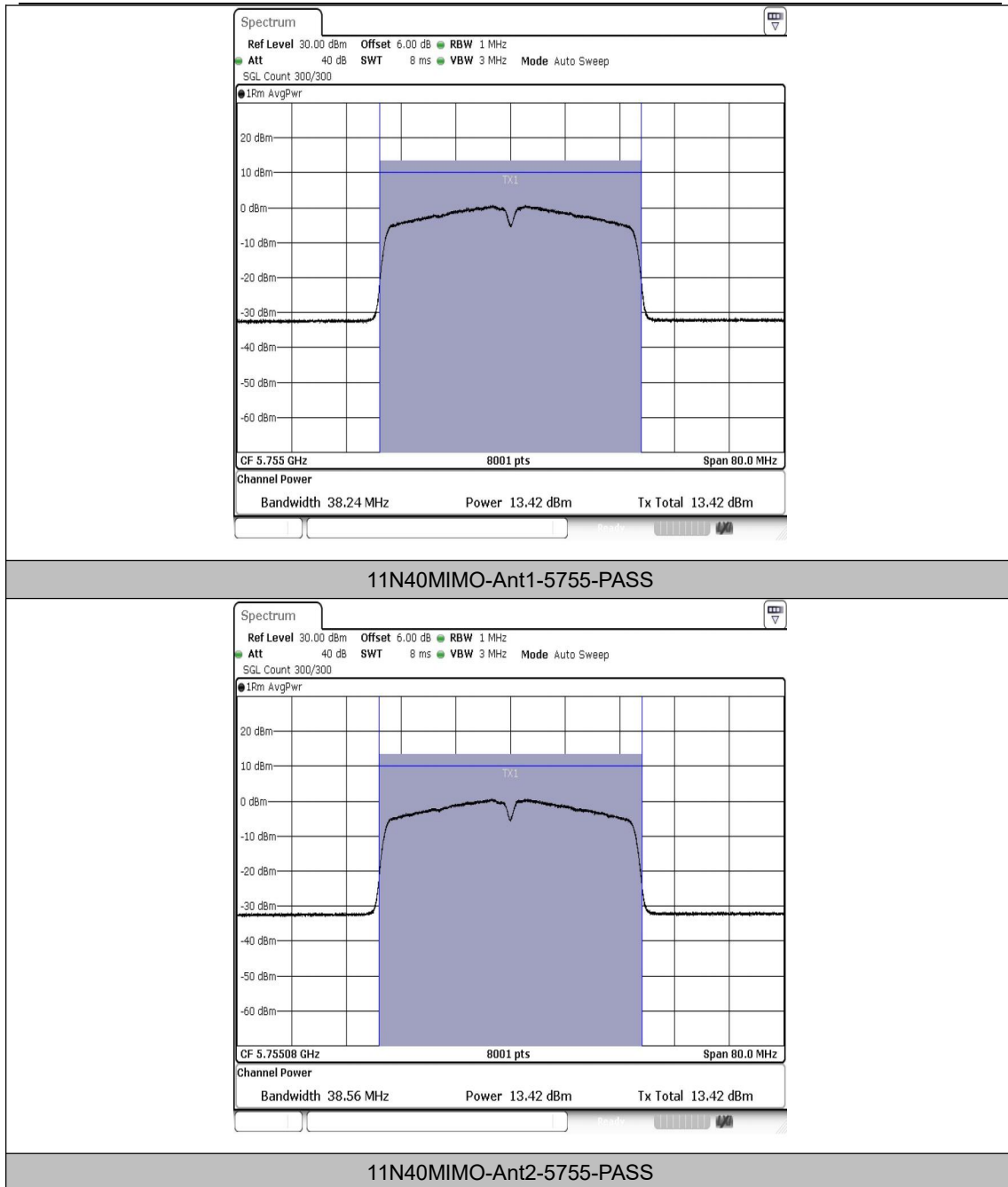
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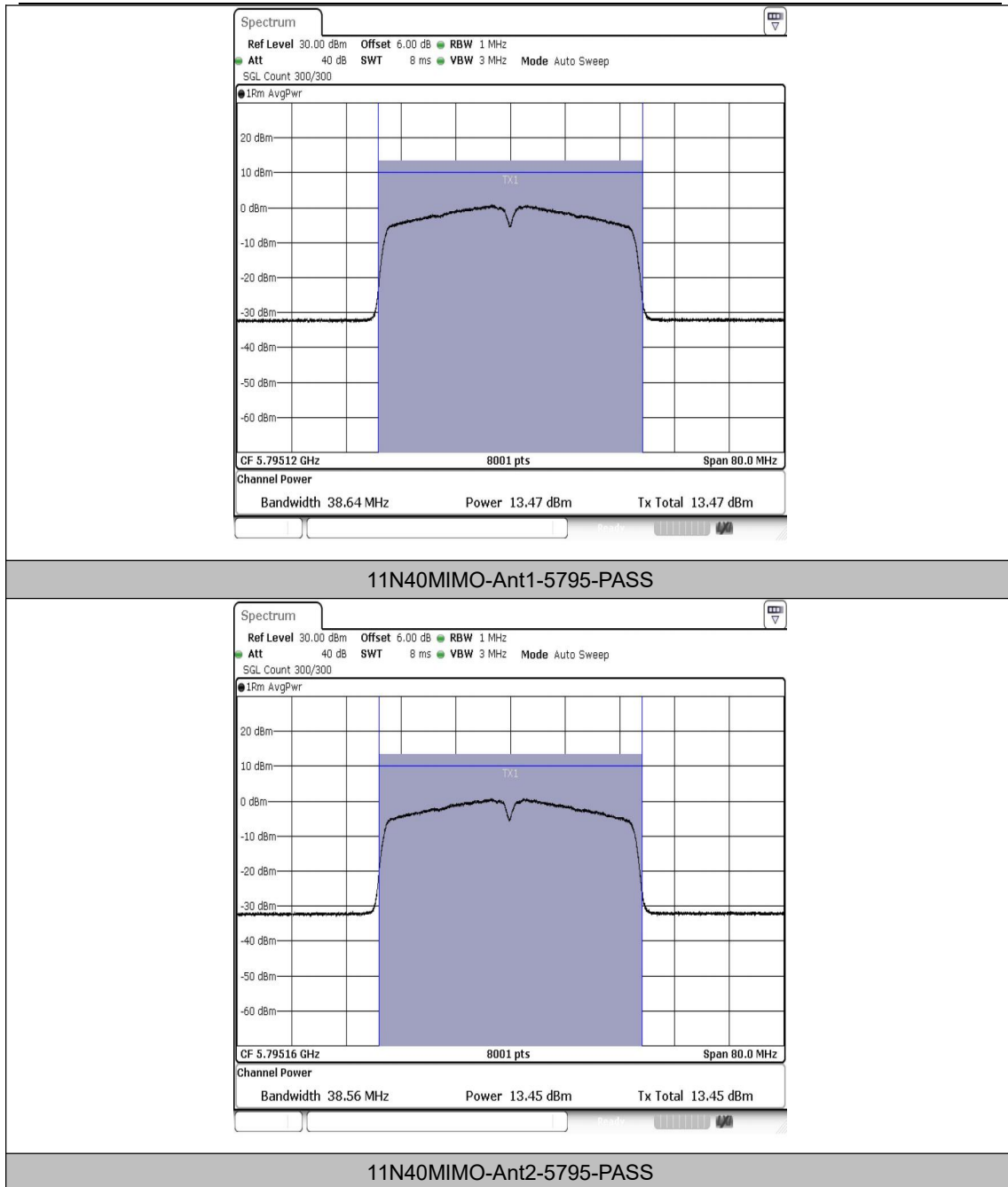
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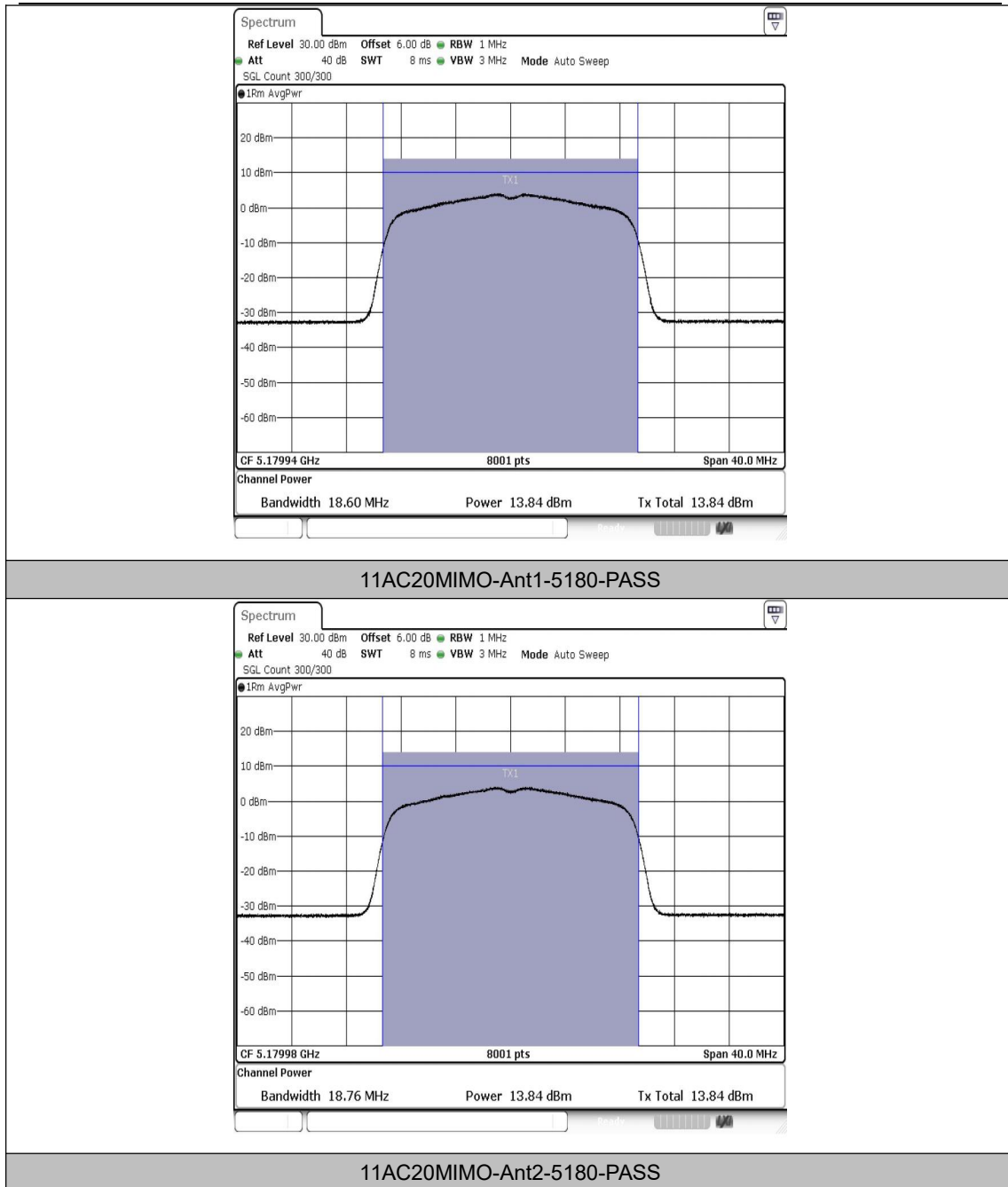
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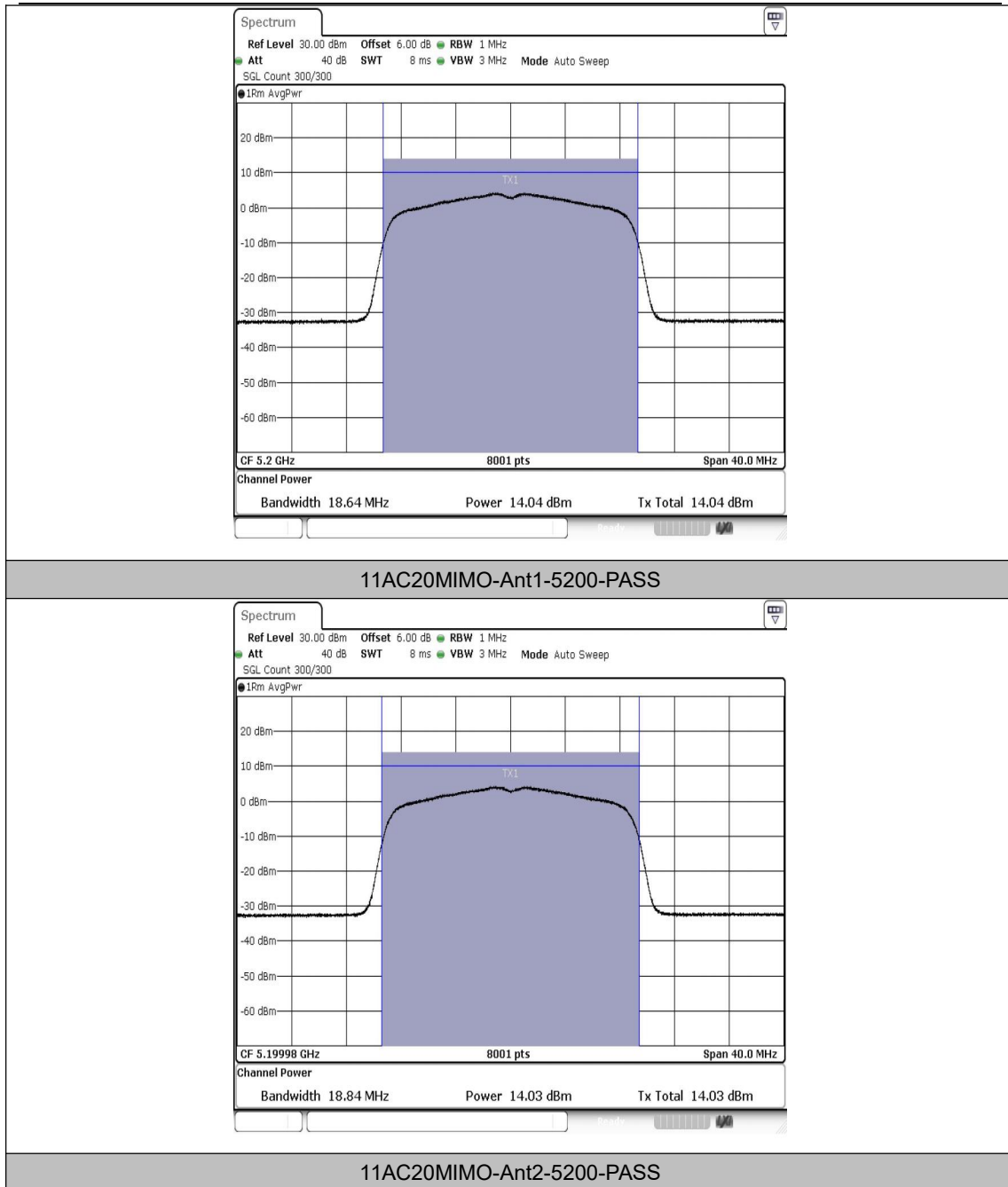
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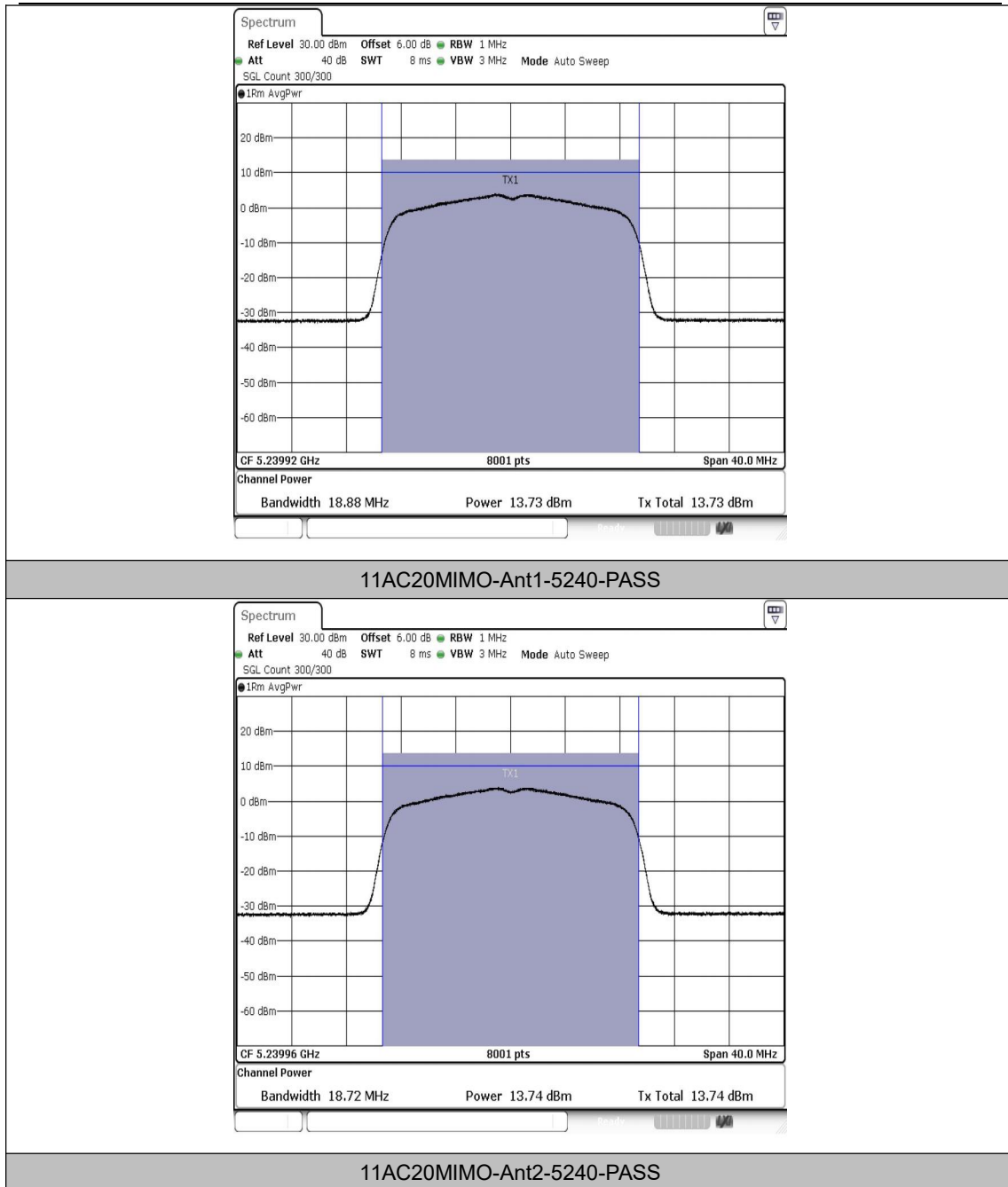
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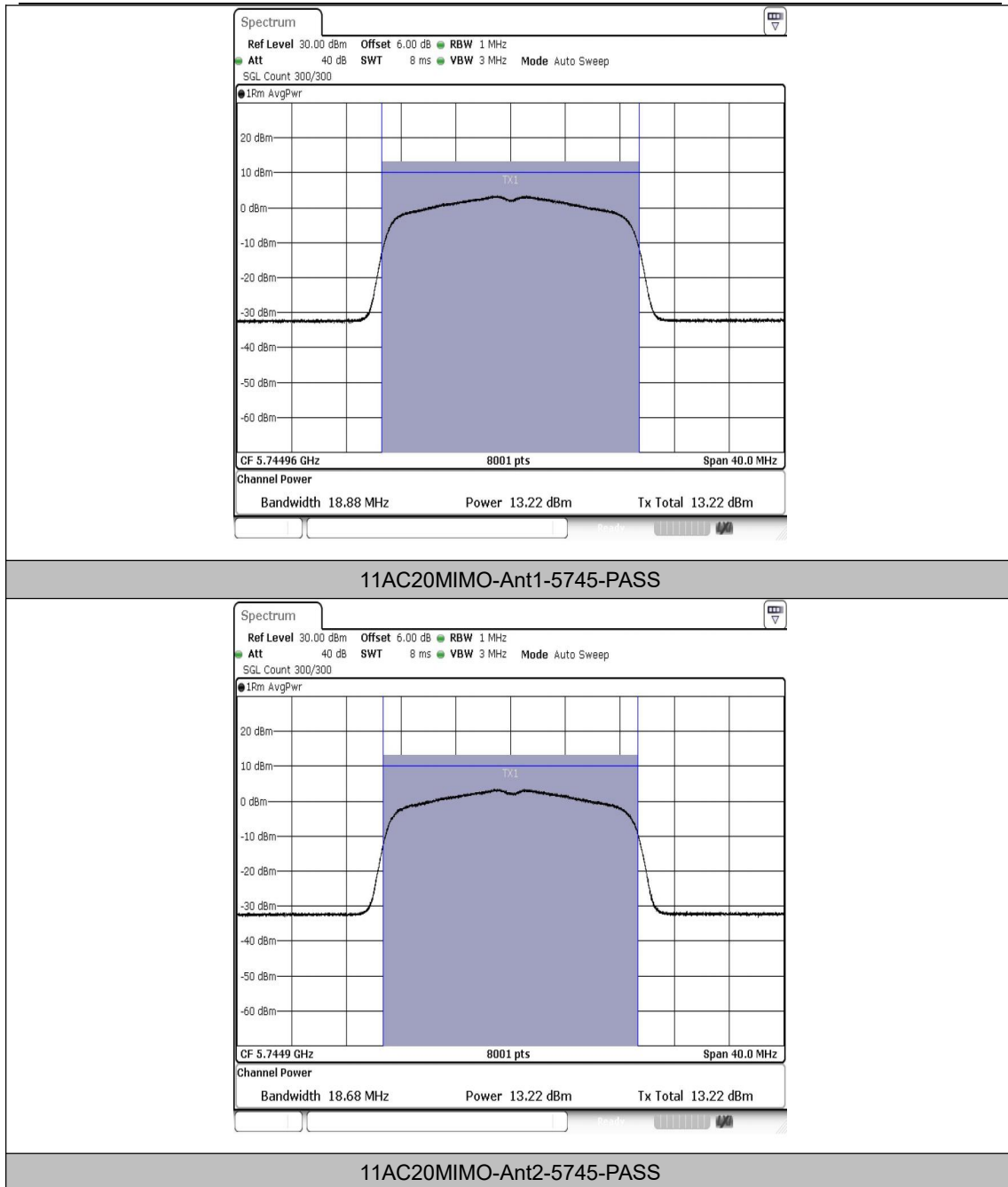
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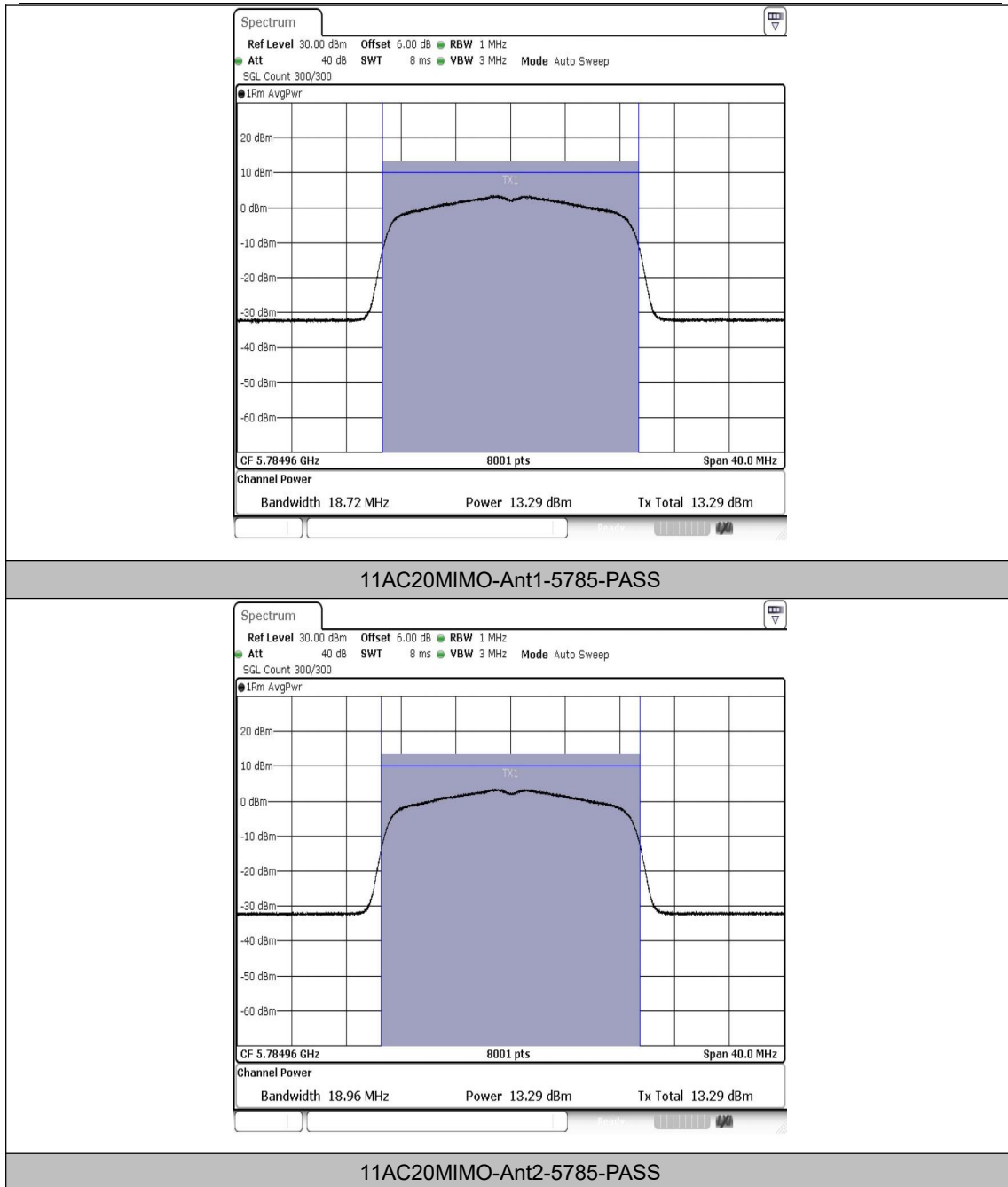


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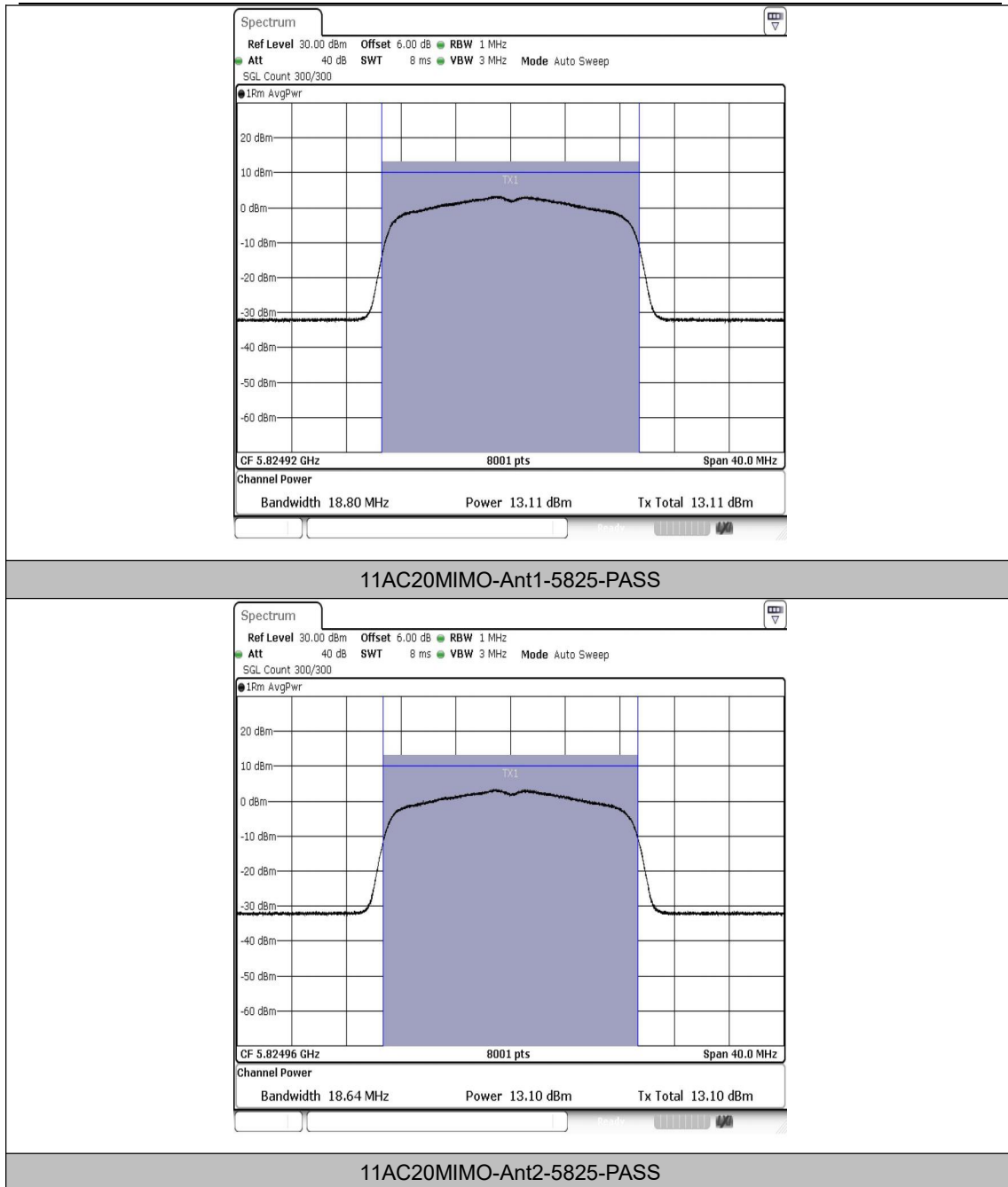




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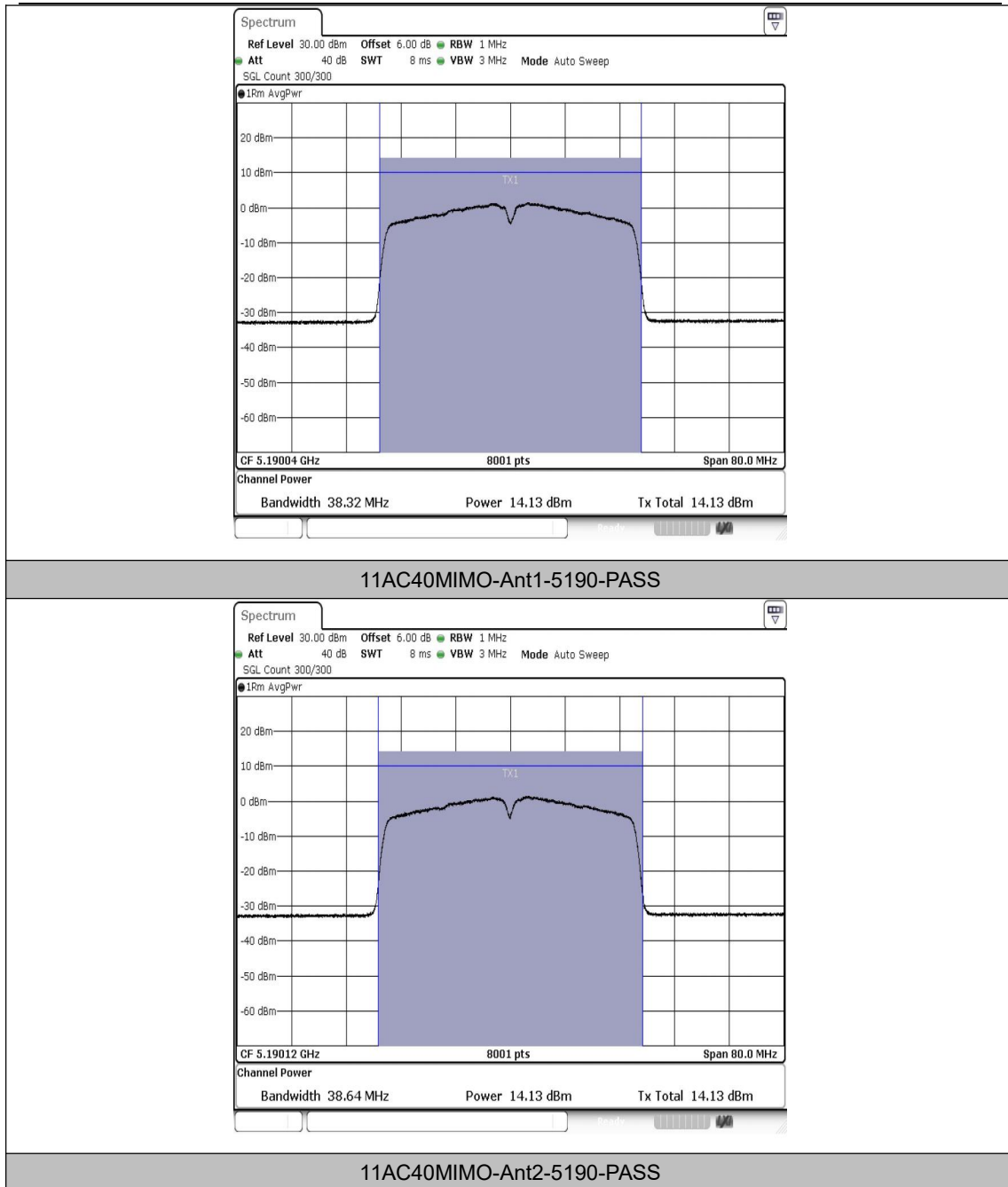
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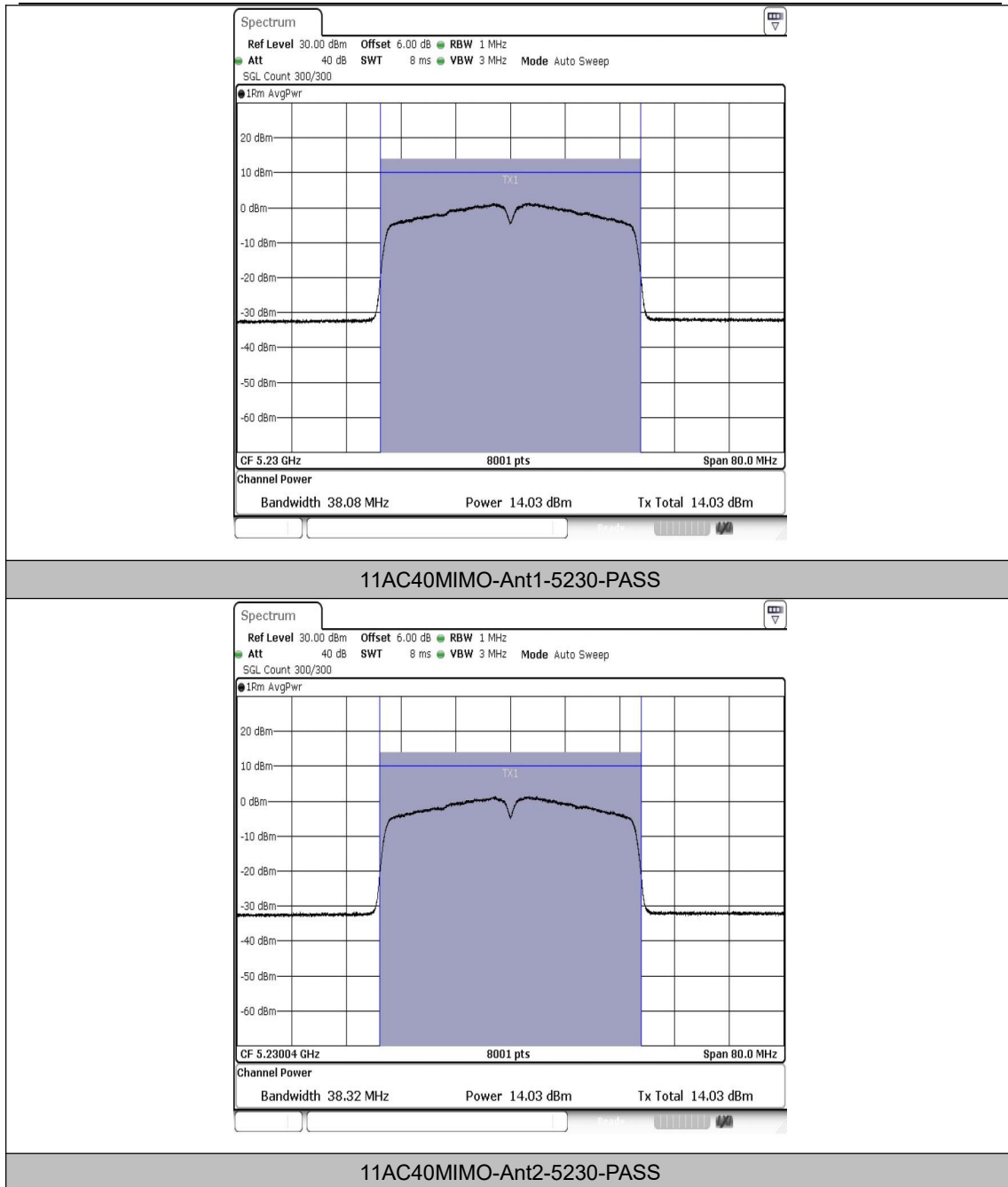
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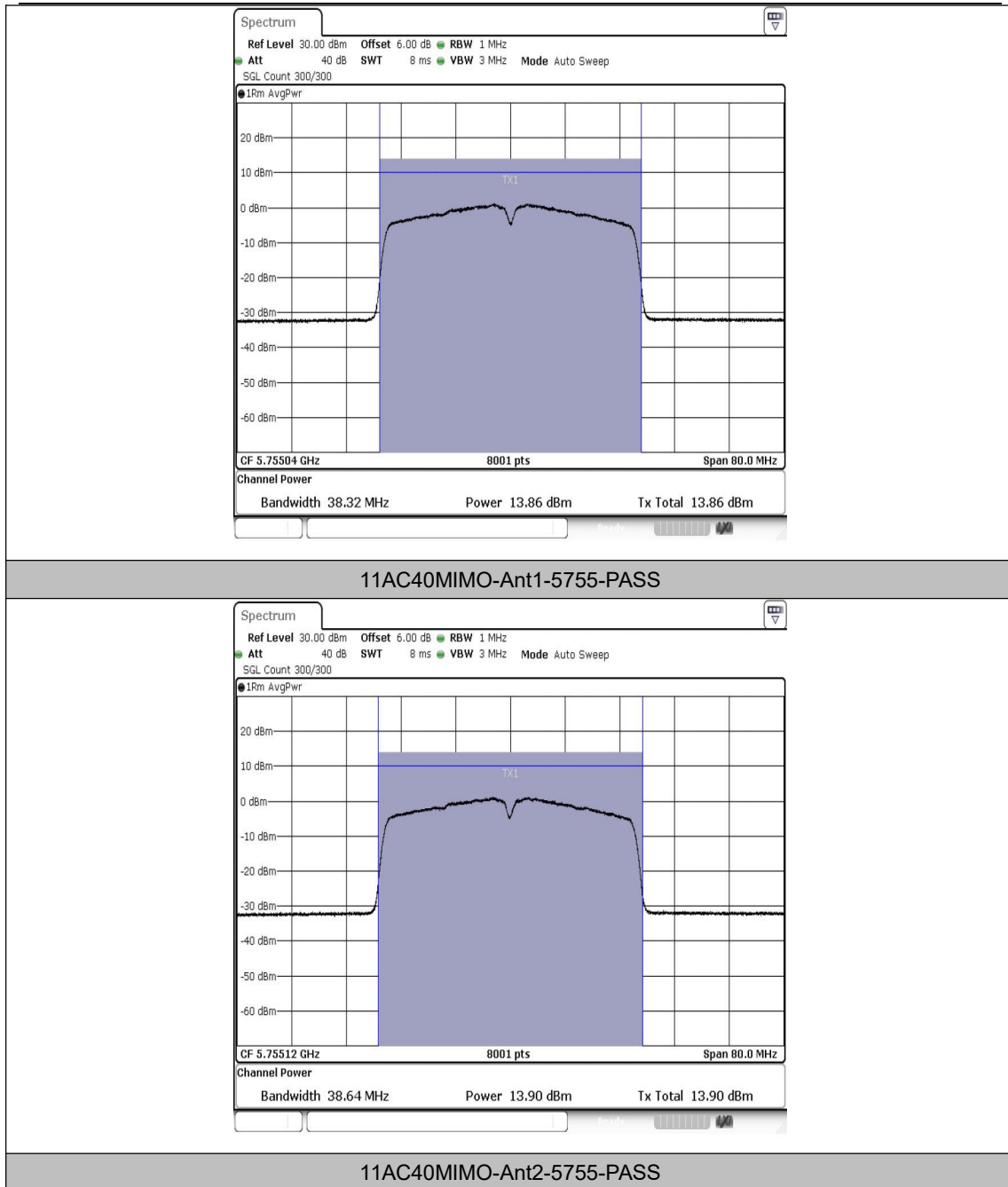
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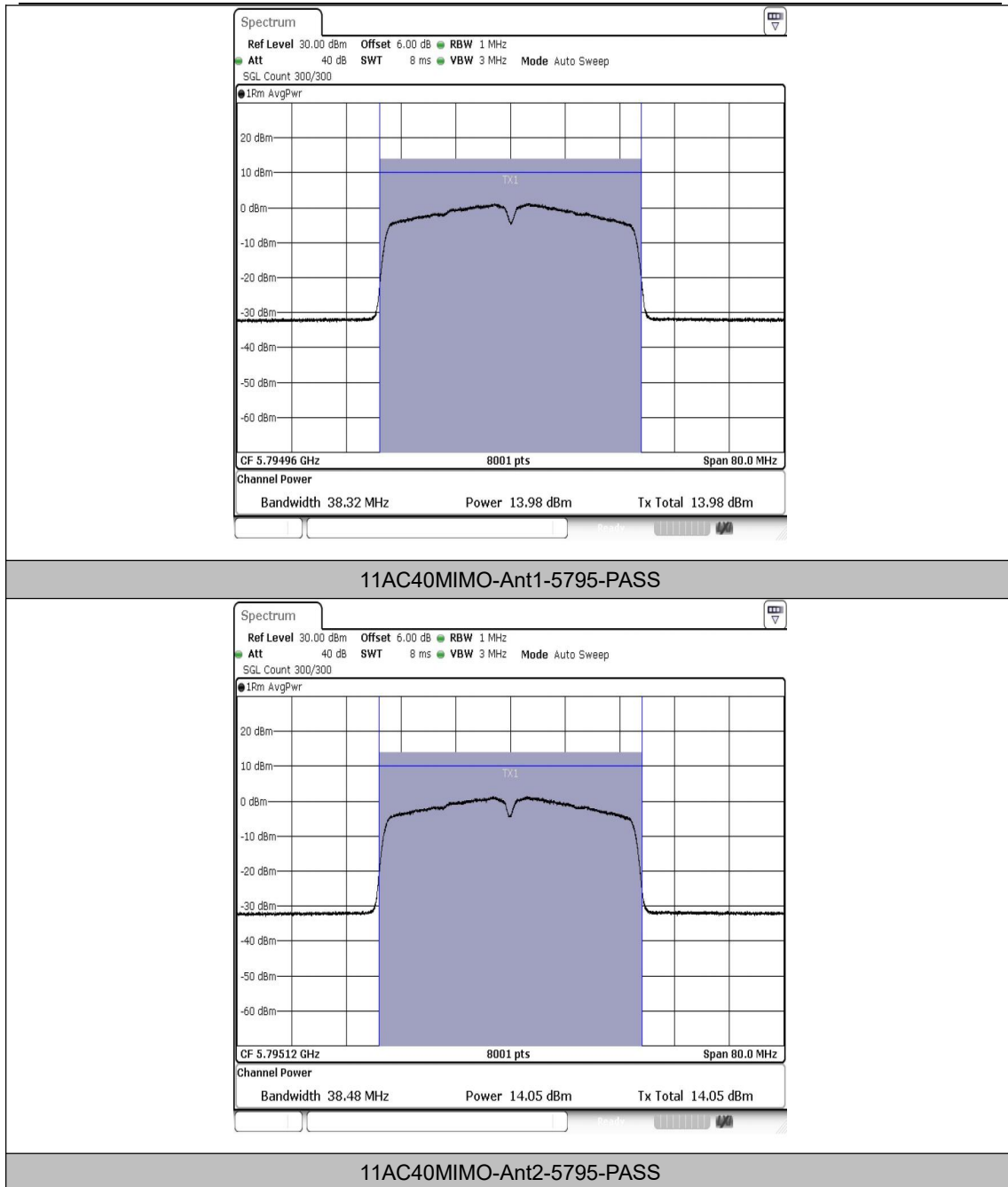
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