

Appendix D): Maximum Conduct Output Power

Result Table:

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	10.45	<=23.98	PASS
	Ant2	5180	10.66	<=23.98	PASS
	Ant1	5200	10.94	<=23.98	PASS
	Ant2	5200	10.16	<=23.98	PASS
	Ant1	5240	10.31	<=23.98	PASS
	Ant2	5240	9.72	<=23.98	PASS
	Ant1	5260	9.57	<=23.98	PASS
	Ant2	5260	10.15	<=23.98	PASS
	Ant1	5280	10.58	<=23.98	PASS
	Ant2	5280	10.42	<=23.98	PASS
	Ant1	5320	10.54	<=23.98	PASS
	Ant2	5320	10.30	<=23.98	PASS
	Ant1	5500	10.34	<=23.98	PASS
	Ant2	5500	10.33	<=23.98	PASS
	Ant1	5580	10.33	<=23.98	PASS
	Ant2	5580	10.62	<=23.98	PASS
	Ant1	5700	11.28	<=23.98	PASS
	Ant2	5700	11.30	<=23.98	PASS
	Ant1	5745	11.79	<=30	PASS
	Ant2	5745	12.05	<=30	PASS
	Ant1	5785	11.21	<=30	PASS
	Ant2	5785	11.38	<=30	PASS
	Ant1	5825	10.46	<=30	PASS
	Ant2	5825	10.66	<=30	PASS
11N20SISO	Ant1	5180	10.12	<=23.98	PASS
	Ant2	5180	10.64	<=23.98	PASS
	Ant1	5200	10.80	<=23.98	PASS
	Ant2	5200	9.99	<=23.98	PASS
	Ant1	5240	10.20	<=23.98	PASS
	Ant2	5240	9.82	<=23.98	PASS
	Ant1	5260	9.61	<=23.98	PASS

	Ant2	5260	9.86	<=23.98	PASS
	Ant1	5280	10.70	<=23.98	PASS
	Ant2	5280	10.17	<=23.98	PASS
	Ant1	5320	10.44	<=23.98	PASS
	Ant2	5320	9.98	<=23.98	PASS
	Ant1	5500	10.29	<=23.98	PASS
	Ant2	5500	10.12	<=23.98	PASS
	Ant1	5580	10.28	<=23.98	PASS
	Ant2	5580	10.46	<=23.98	PASS
	Ant1	5700	11.15	<=23.98	PASS
	Ant2	5700	11.09	<=23.98	PASS
	Ant1	5745	11.68	<=30	PASS
	Ant2	5745	12.05	<=30	PASS
	Ant1	5785	11.33	<=30	PASS
	Ant2	5785	11.33	<=30	PASS
	Ant1	5825	10.42	<=30	PASS
	Ant2	5825	10.60	<=30	PASS
11N40SISO	Ant1	5190	9.63	<=23.98	PASS
	Ant2	5190	9.41	<=23.98	PASS
	Ant1	5230	9.70	<=23.98	PASS
	Ant2	5230	8.66	<=23.98	PASS
	Ant1	5270	10.85	<=23.98	PASS
	Ant2	5270	10.12	<=23.98	PASS
	Ant1	5310	11.58	<=23.98	PASS
	Ant2	5310	10.02	<=23.98	PASS
	Ant1	5510	11.24	<=23.98	PASS
	Ant2	5510	10.05	<=23.98	PASS
	Ant1	5550	11.11	<=23.98	PASS
	Ant2	5550	9.30	<=23.98	PASS
	Ant1	5670	11.43	<=23.98	PASS
	Ant2	5670	11.34	<=23.98	PASS
	Ant1	5755	12.20	<=30	PASS
	Ant2	5755	11.94	<=30	PASS
	Ant1	5795	11.49	<=30	PASS
	Ant2	5795	11.63	<=30	PASS
11AC20SISO	Ant1	5180	10.46	<=23.98	PASS

	Ant2	5180	10.48	<=23.98	PASS
	Ant1	5200	11.16	<=23.98	PASS
	Ant2	5200	9.87	<=23.98	PASS
	Ant1	5240	10.44	<=23.98	PASS
	Ant2	5240	9.80	<=23.98	PASS
	Ant1	5260	9.84	<=23.98	PASS
	Ant2	5260	10.05	<=23.98	PASS
	Ant1	5280	10.74	<=23.98	PASS
	Ant2	5280	10.12	<=23.98	PASS
	Ant1	5320	10.53	<=23.98	PASS
	Ant2	5320	10.05	<=23.98	PASS
	Ant1	5500	10.42	<=23.98	PASS
	Ant2	5500	10.23	<=23.98	PASS
	Ant1	5580	10.40	<=23.98	PASS
	Ant2	5580	10.39	<=23.98	PASS
	Ant1	5700	11.38	<=23.98	PASS
	Ant2	5700	11.23	<=23.98	PASS
	Ant1	5745	11.73	<=30	PASS
	Ant2	5745	12.83	<=30	PASS
	Ant1	5785	11.28	<=30	PASS
	Ant2	5785	11.82	<=30	PASS
	Ant1	5825	10.65	<=30	PASS
	Ant2	5825	10.83	<=30	PASS
11AC40SISO	Ant1	5190	9.79	<=23.98	PASS
	Ant2	5190	9.91	<=23.98	PASS
	Ant1	5230	9.77	<=23.98	PASS
	Ant2	5230	8.84	<=23.98	PASS
	Ant1	5270	10.08	<=23.98	PASS
	Ant2	5270	10.34	<=23.98	PASS
	Ant1	5310	10.81	<=23.98	PASS
	Ant2	5310	10.41	<=23.98	PASS
	Ant1	5510	10.66	<=23.98	PASS
	Ant2	5510	10.29	<=23.98	PASS
	Ant1	5550	10.60	<=23.98	PASS
	Ant2	5550	9.55	<=23.98	PASS
	Ant1	5670	11.09	<=23.98	PASS

	Ant2	5670	11.64	<=23.98	PASS
	Ant1	5755	11.88	<=30	PASS
	Ant2	5755	12.03	<=30	PASS
	Ant1	5795	11.32	<=30	PASS
	Ant2	5795	11.74	<=30	PASS
11AC80SISO	Ant1	5210	8.07	<=23.98	PASS
	Ant2	5210	7.58	<=23.98	PASS
	Ant1	5290	9.04	<=23.98	PASS
	Ant2	5290	8.55	<=23.98	PASS
	Ant1	5530	9.19	<=23.98	PASS
	Ant2	5530	8.03	<=23.98	PASS
	Ant1	5610	9.60	<=23.98	PASS
	Ant2	5610	8.87	<=23.98	PASS
	Ant1	5775	10.12	<=30	PASS
	Ant2	5775	10.10	<=30	PASS
11N20MIMO	Ant1	5180	10.45	<=23.98	PASS
	Ant2	5180	10.67	<=23.98	PASS
	total	5180	13.57	<=23.98	PASS
	Ant1	5200	11.04	<=23.98	PASS
	Ant2	5200	10.02	<=23.98	PASS
	total	5200	13.57	<=23.98	PASS
	Ant1	5240	10.35	<=23.98	PASS
	Ant2	5240	9.81	<=23.98	PASS
	total	5240	13.10	<=23.98	PASS
	Ant1	5260	9.93	<=23.98	PASS
	Ant2	5260	10.17	<=23.98	PASS
	total	5260	13.06	<=23.98	PASS
	Ant1	5280	10.69	<=23.98	PASS
	Ant2	5280	10.37	<=23.98	PASS
	total	5280	13.54	<=23.98	PASS
	Ant1	5320	10.45	<=23.98	PASS
	Ant2	5320	10.22	<=23.98	PASS
	total	5320	13.35	<=23.98	PASS
	Ant1	5500	10.36	<=23.98	PASS
	Ant2	5500	10.26	<=23.98	PASS
	total	5500	13.32	<=23.98	PASS

	Ant1	5580	10.25	<=23.98	PASS
	Ant2	5580	10.38	<=23.98	PASS
	total	5580	13.33	<=23.98	PASS
	Ant1	5700	11.07	<=23.98	PASS
	Ant2	5700	11.12	<=23.98	PASS
	total	5700	14.11	<=23.98	PASS
	Ant1	5745	11.62	<=30	PASS
	Ant2	5745	12.01	<=30	PASS
	total	5745	14.83	<=30	PASS
	Ant1	5785	11.07	<=30	PASS
	Ant2	5785	11.16	<=30	PASS
	total	5785	14.13	<=30	PASS
	Ant1	5825	10.31	<=30	PASS
	Ant2	5825	10.31	<=30	PASS
	total	5825	13.32	<=30	PASS
11N40MIMO	Ant1	5190	6.60	<=23.98	PASS
	Ant2	5190	6.50	<=23.98	PASS
	total	5190	9.56	<=23.98	PASS
	Ant1	5230	9.56	<=23.98	PASS
	Ant2	5230	8.42	<=23.98	PASS
	total	5230	12.04	<=23.98	PASS
	Ant1	5270	10.23	<=23.98	PASS
	Ant2	5270	10.05	<=23.98	PASS
	total	5270	13.15	<=23.98	PASS
	Ant1	5310	10.88	<=23.98	PASS
	Ant2	5310	10.12	<=23.98	PASS
	total	5310	13.53	<=23.98	PASS
	Ant1	5510	8.35	<=23.98	PASS
	Ant2	5510	8.24	<=23.98	PASS
	total	5510	11.31	<=23.98	PASS
	Ant1	5550	10.47	<=23.98	PASS
	Ant2	5550	9.12	<=23.98	PASS
	total	5550	12.86	<=23.98	PASS
	Ant1	5670	10.73	<=23.98	PASS
	Ant2	5670	11.19	<=23.98	PASS
	total	5670	13.98	<=23.98	PASS

	Ant1	5755	11.52	<=30	PASS
	Ant2	5755	11.55	<=30	PASS
	total	5755	14.55	<=30	PASS
	Ant1	5795	10.87	<=30	PASS
	Ant2	5795	11.27	<=30	PASS
	total	5795	14.08	<=30	PASS
11AC20MIMO	Ant1	5180	10.08	<=23.98	PASS
	Ant2	5180	10.30	<=23.98	PASS
	total	5180	13.20	<=23.98	PASS
	Ant1	5200	10.72	<=23.98	PASS
	Ant2	5200	9.88	<=23.98	PASS
	total	5200	13.33	<=23.98	PASS
	Ant1	5240	10.15	<=23.98	PASS
	Ant2	5240	9.65	<=23.98	PASS
	total	5240	12.92	<=23.98	PASS
	Ant1	5260	9.60	<=23.98	PASS
	Ant2	5260	9.82	<=23.98	PASS
	total	5260	12.72	<=23.98	PASS
	Ant1	5280	10.70	<=23.98	PASS
	Ant2	5280	10.15	<=23.98	PASS
	total	5280	13.44	<=23.98	PASS
	Ant1	5320	10.23	<=23.98	PASS
	Ant2	5320	9.85	<=23.98	PASS
	total	5320	13.05	<=23.98	PASS
	Ant1	5500	10.22	<=23.98	PASS
	Ant2	5500	10.09	<=23.98	PASS
	total	5500	13.17	<=23.98	PASS
	Ant1	5580	10.00	<=23.98	PASS
	Ant2	5580	10.25	<=23.98	PASS
	total	5580	13.14	<=23.98	PASS
	Ant1	5700	10.96	<=23.98	PASS
	Ant2	5700	10.86	<=23.98	PASS
	total	5700	13.92	<=23.98	PASS
	Ant1	5745	11.48	<=30	PASS
	Ant2	5745	11.85	<=30	PASS
	total	5745	14.68	<=30	PASS

	Ant1	5785	10.90	<=30	PASS
	Ant2	5785	11.05	<=30	PASS
	total	5785	13.99	<=30	PASS
	Ant1	5825	10.32	<=30	PASS
	Ant2	5825	10.22	<=30	PASS
	total	5825	13.28	<=30	PASS
11AC40MIMO	Ant1	5190	6.61	<=23.98	PASS
	Ant2	5190	6.50	<=23.98	PASS
	total	5190	9.57	<=23.98	PASS
	Ant1	5230	9.37	<=23.98	PASS
	Ant2	5230	8.55	<=23.98	PASS
	total	5230	11.99	<=23.98	PASS
	Ant1	5270	9.96	<=23.98	PASS
	Ant2	5270	9.98	<=23.98	PASS
	total	5270	12.98	<=23.98	PASS
	Ant1	5310	10.66	<=23.98	PASS
	Ant2	5310	9.94	<=23.98	PASS
	total	5310	13.33	<=23.98	PASS
	Ant1	5510	8.36	<=23.98	PASS
	Ant2	5510	8.14	<=23.98	PASS
	total	5510	11.26	<=23.98	PASS
	Ant1	5550	10.40	<=23.98	PASS
	Ant2	5550	9.10	<=23.98	PASS
	total	5550	12.81	<=23.98	PASS
	Ant1	5670	10.87	<=23.98	PASS
	Ant2	5670	11.24	<=23.98	PASS
	total	5670	14.07	<=23.98	PASS
	Ant1	5755	11.57	<=30	PASS
	Ant2	5755	11.57	<=30	PASS
	total	5755	14.58	<=30	PASS
	Ant1	5795	10.95	<=30	PASS
	Ant2	5795	11.19	<=30	PASS
	total	5795	14.08	<=30	PASS
11AC80MIMO	Ant1	5210	6.29	<=23.98	PASS
	Ant2	5210	6.02	<=23.98	PASS
	total	5210	9.17	<=23.98	PASS

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	Ant1	5290	8.79	<=23.98	PASS
	Ant2	5290	8.52	<=23.98	PASS
	total	5290	11.67	<=23.98	PASS
	Ant1	5530	4.21	<=23.98	PASS
	Ant2	5530	4.19	<=23.98	PASS
	total	5530	7.21	<=23.98	PASS
	Ant1	5610	9.25	<=23.98	PASS
	Ant2	5610	8.79	<=23.98	PASS
	total	5610	12.04	<=23.98	PASS
	Ant1	5775	9.85	<=30	PASS
	Ant2	5775	9.99	<=30	PASS
	total	5775	12.93	<=30	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Remark:

1.Total Output Power (dBm) = $10 \log[(10^{P1/10} + 10^{P2/10} + \dots + 10^{PN/10})]$

Test Graphs:





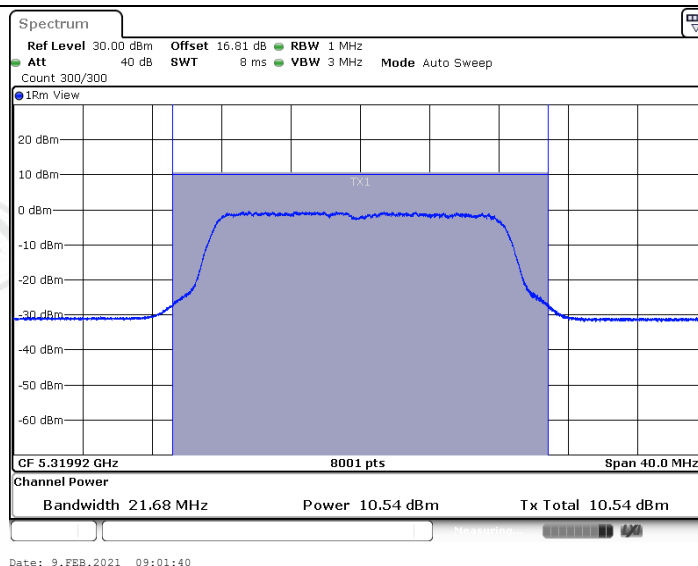




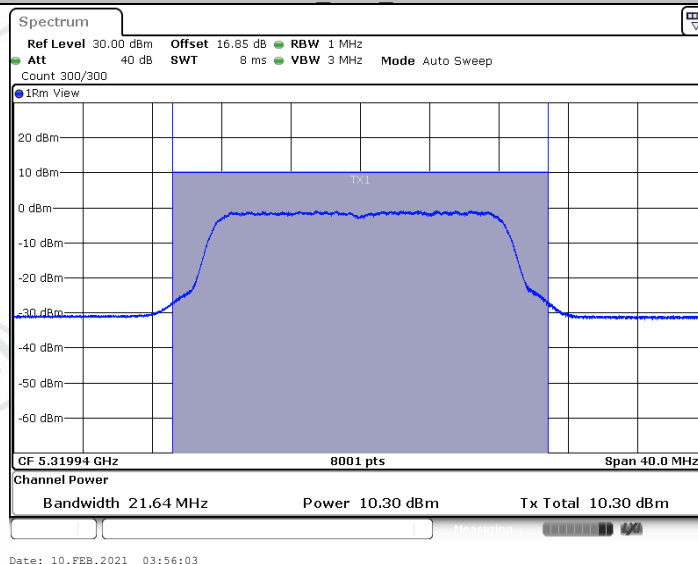
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Report No. : EED39N00008304



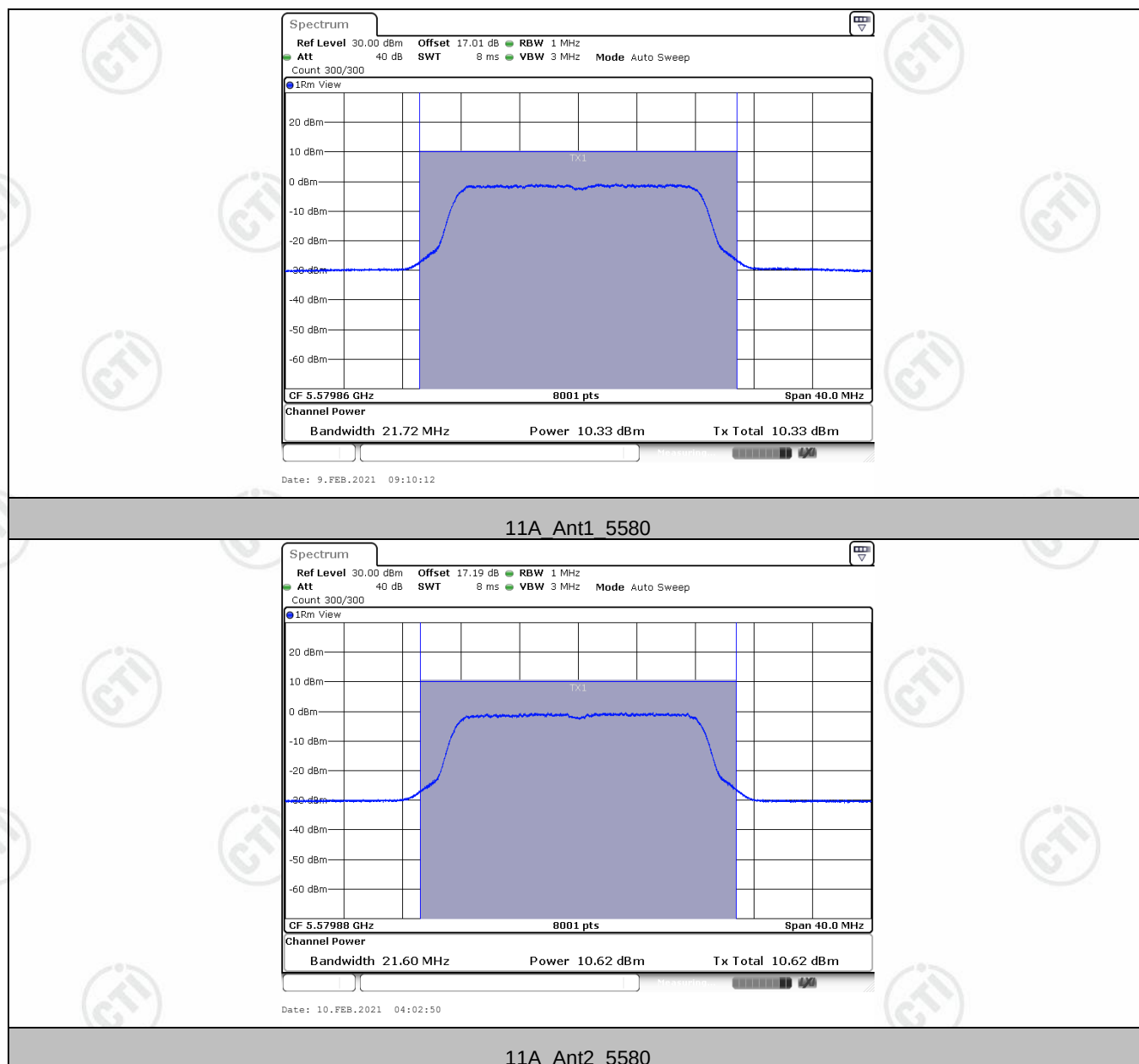
11A Ant1 5320



11A Ant2 5320



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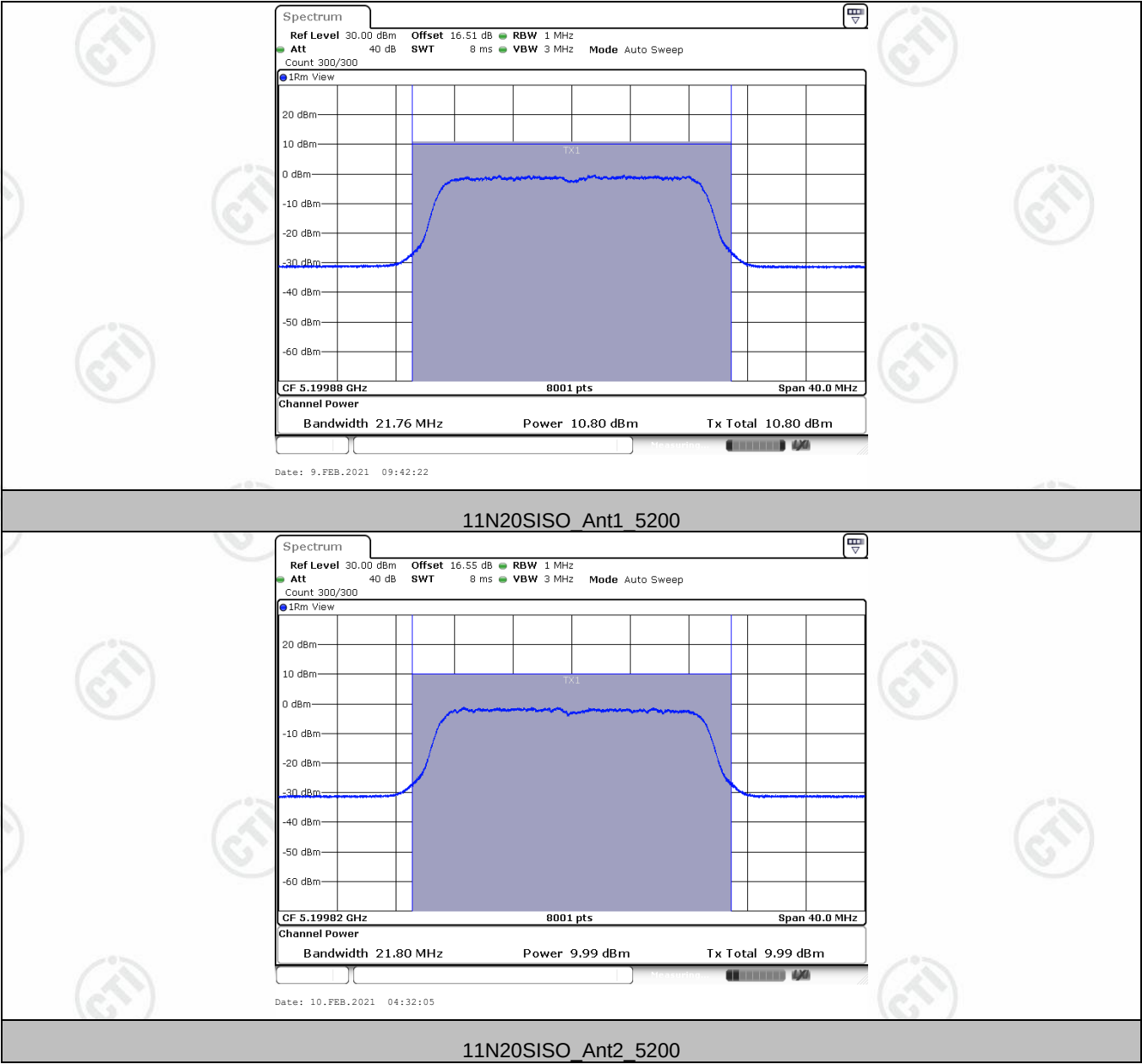


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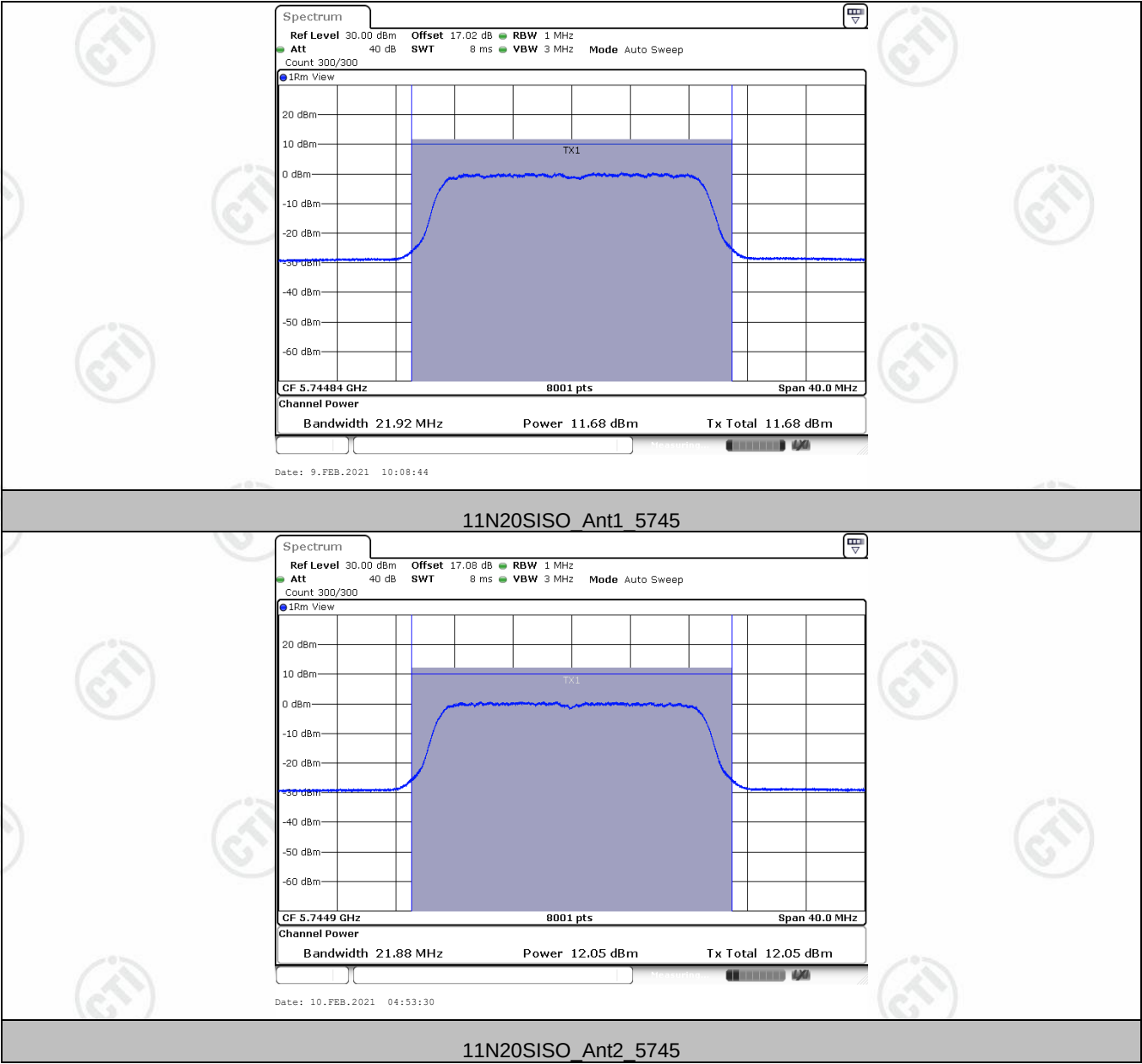


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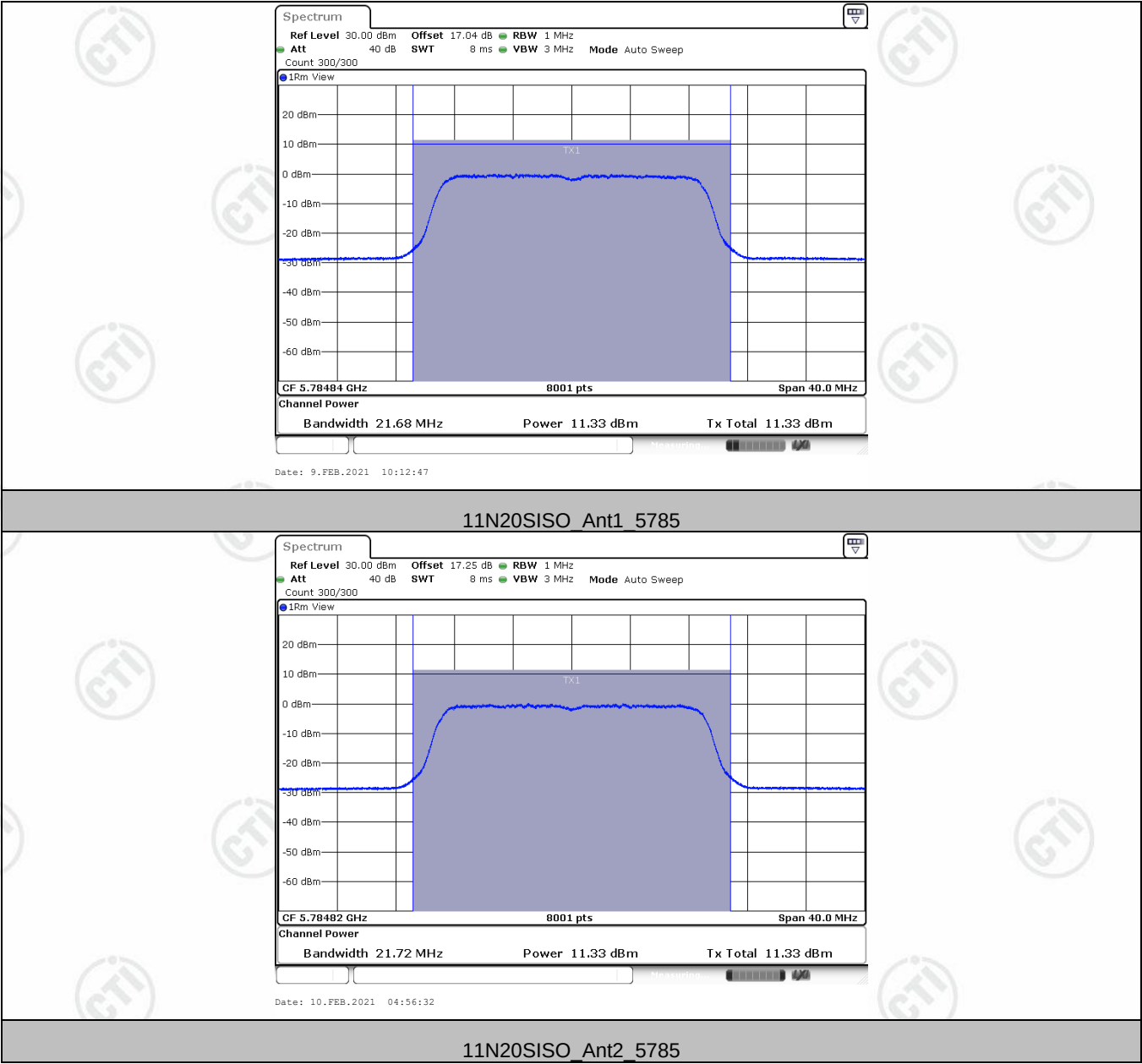


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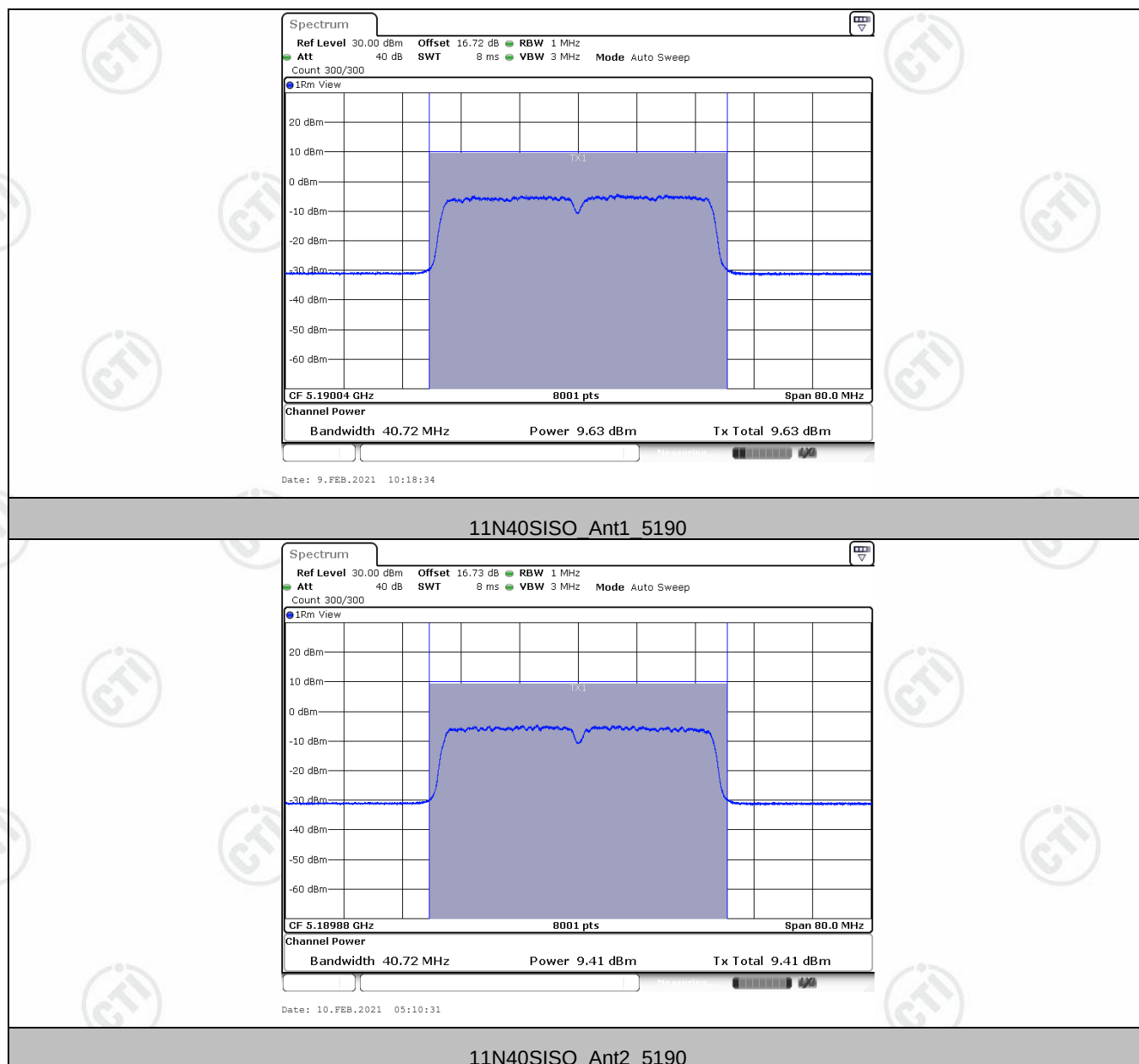
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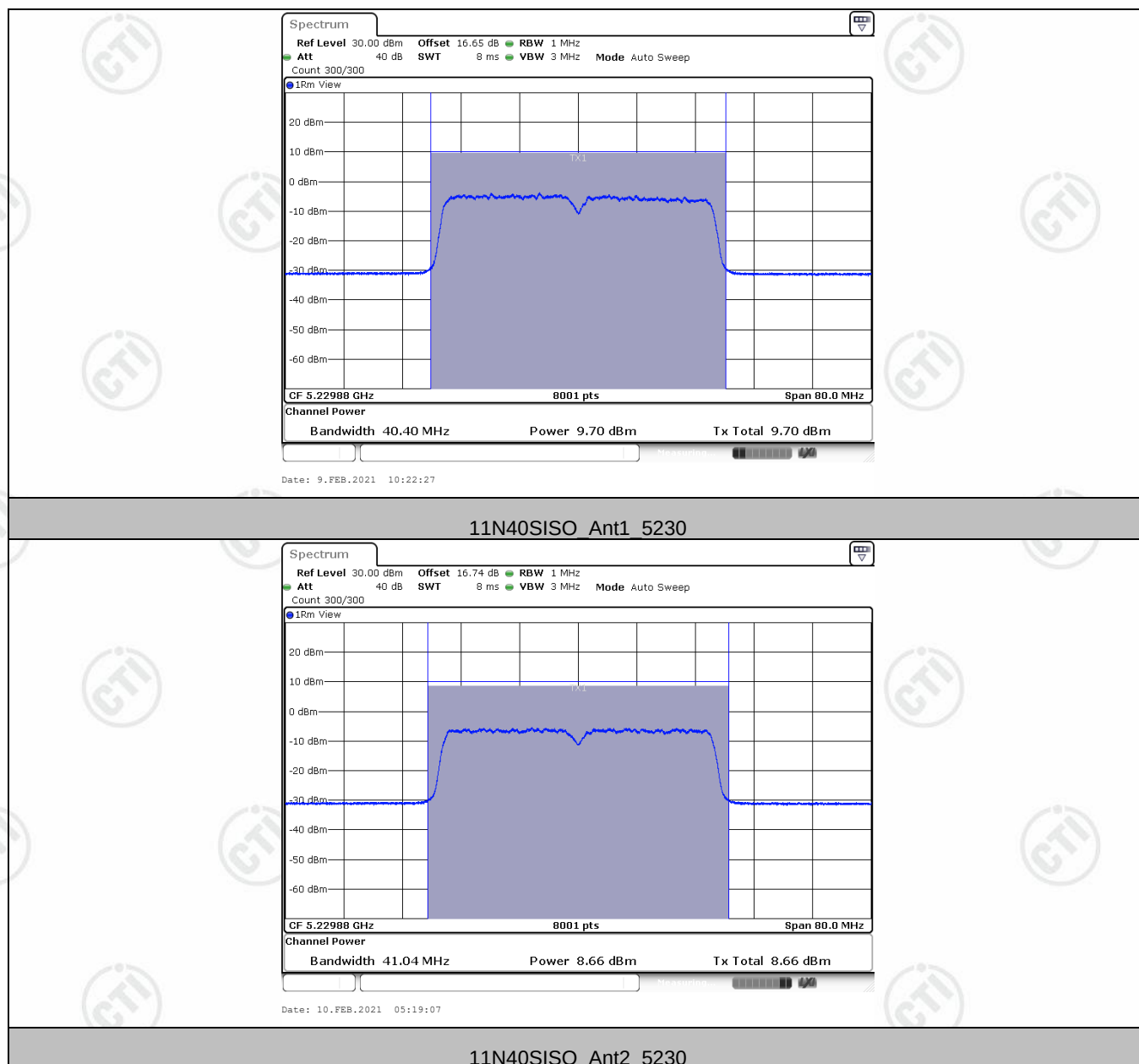
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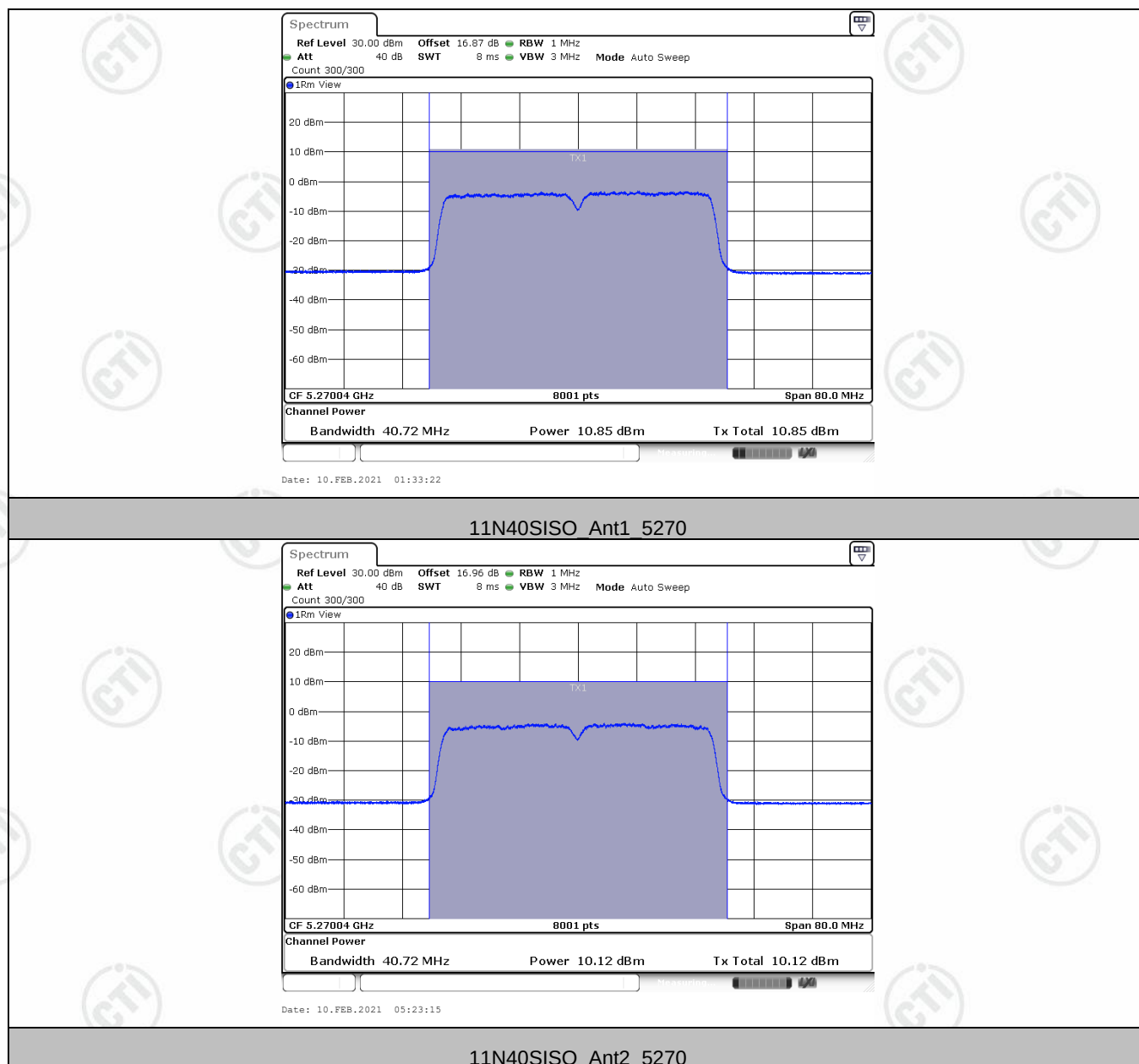
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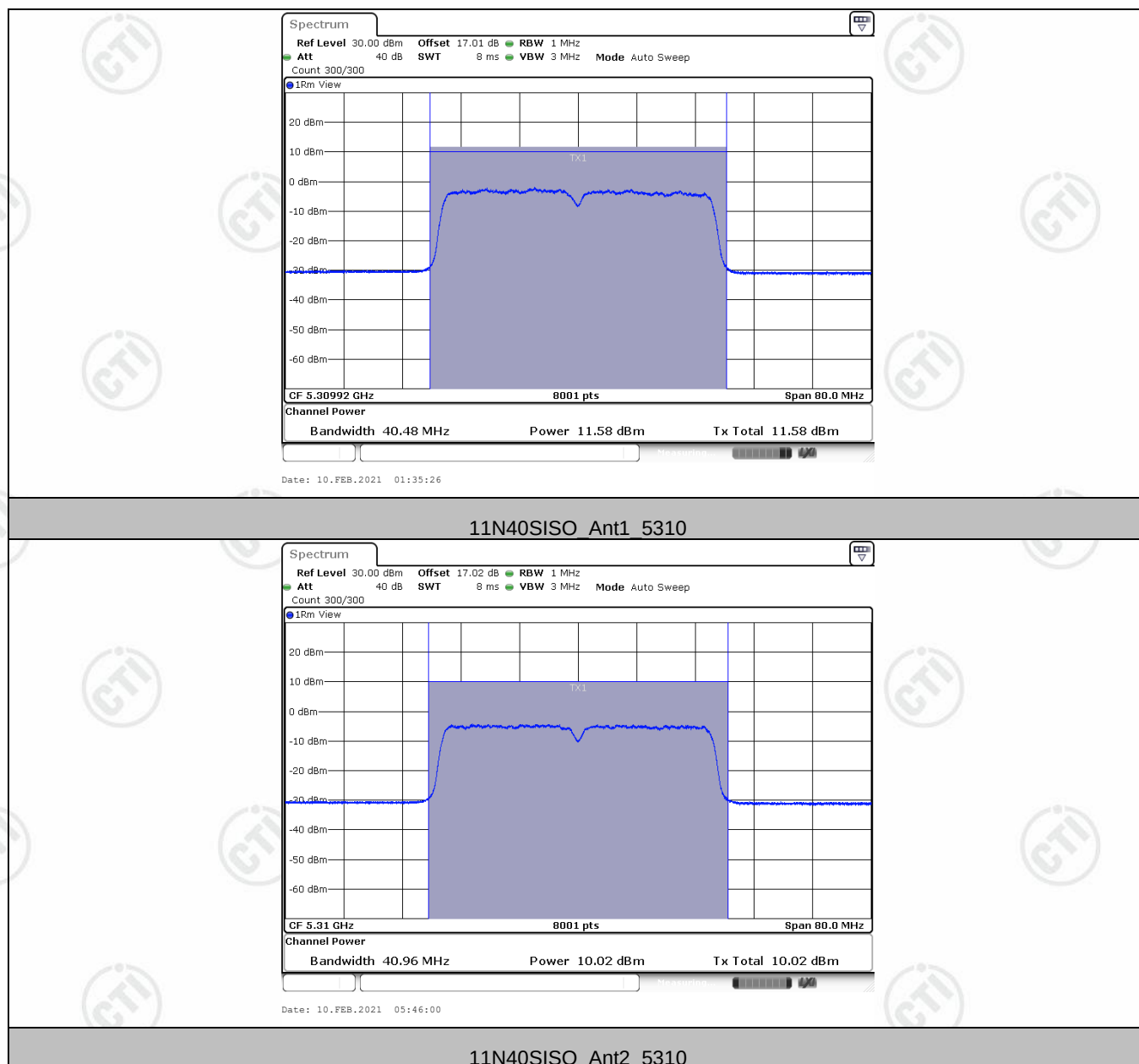
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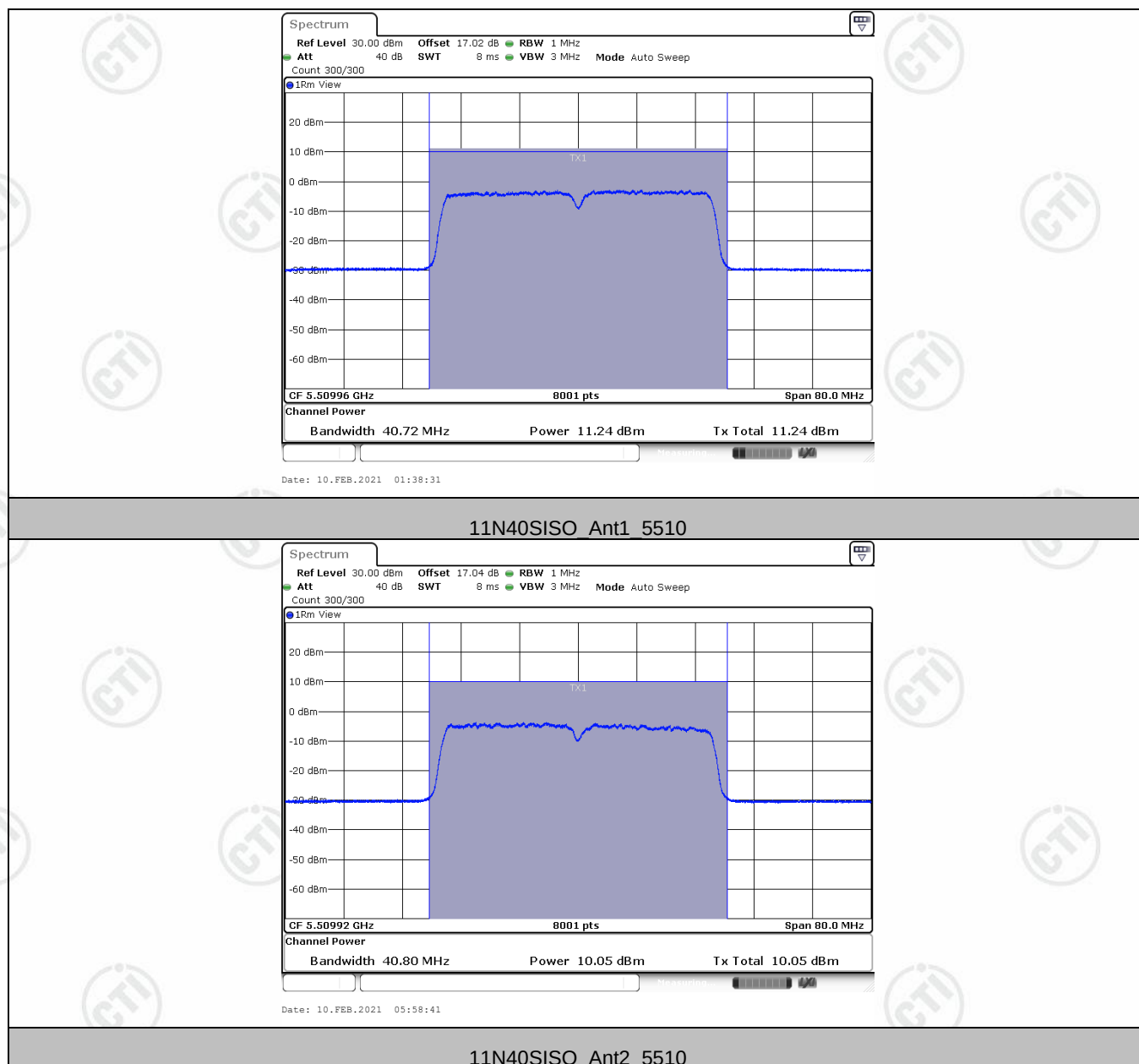
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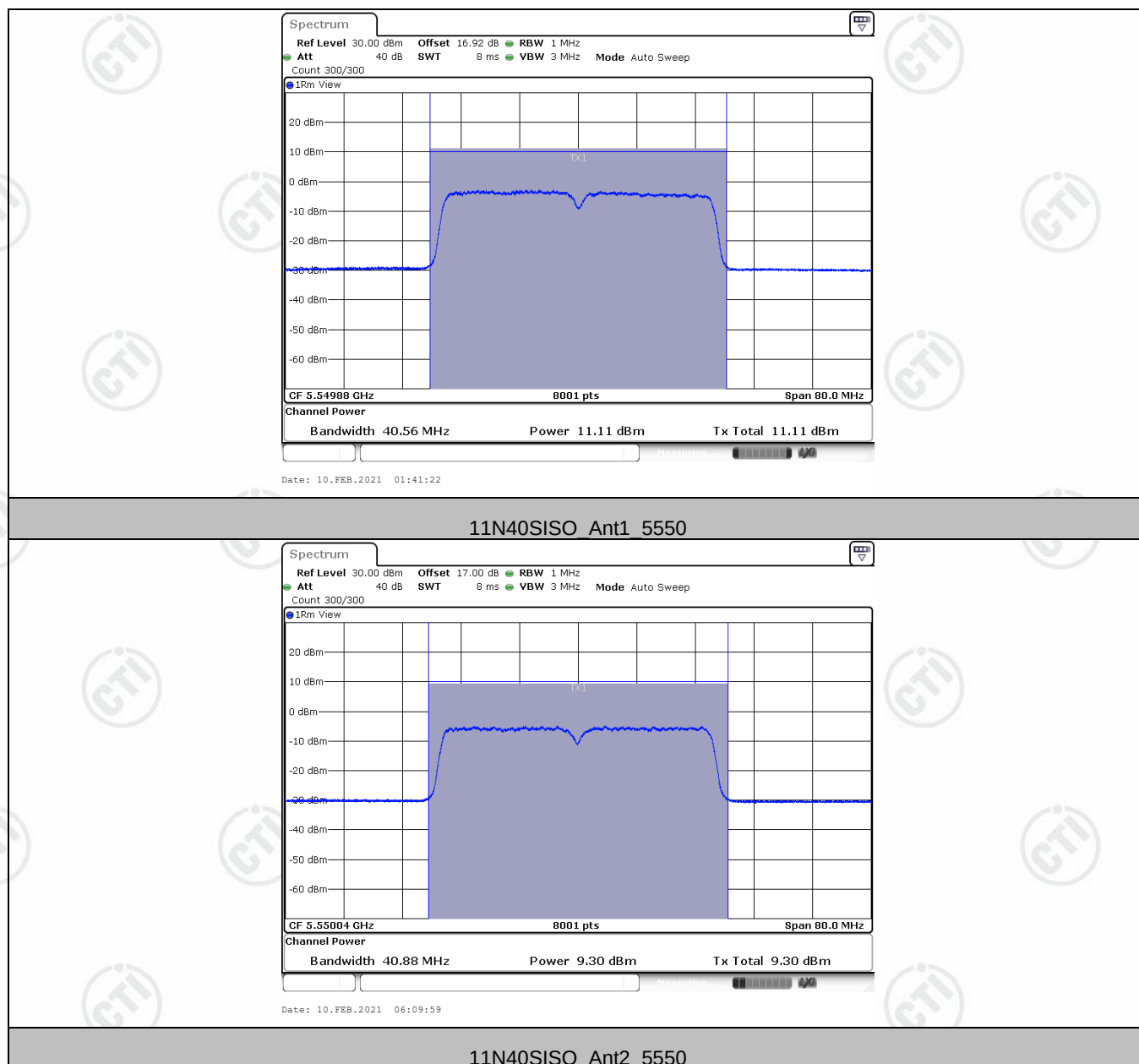
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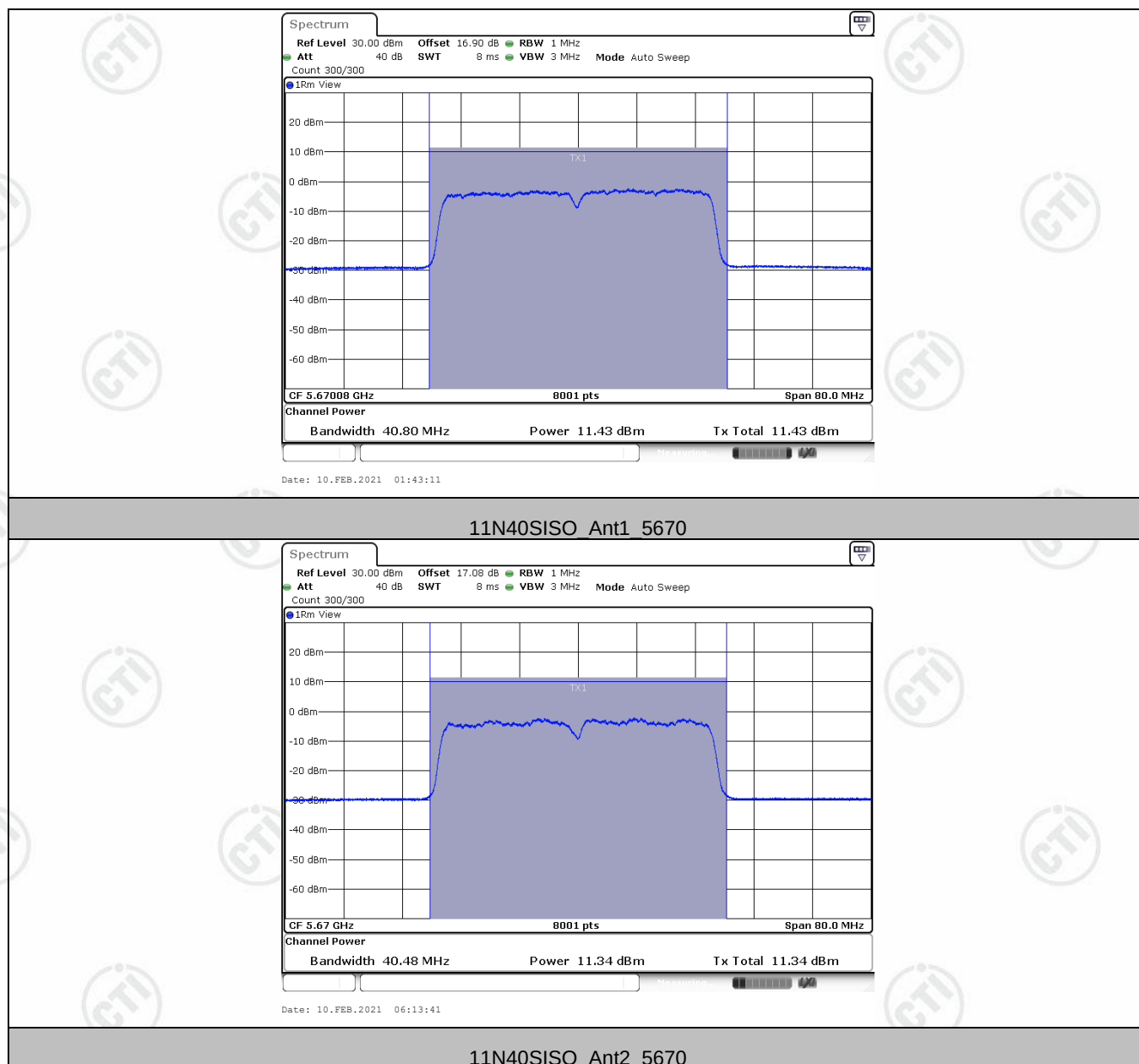
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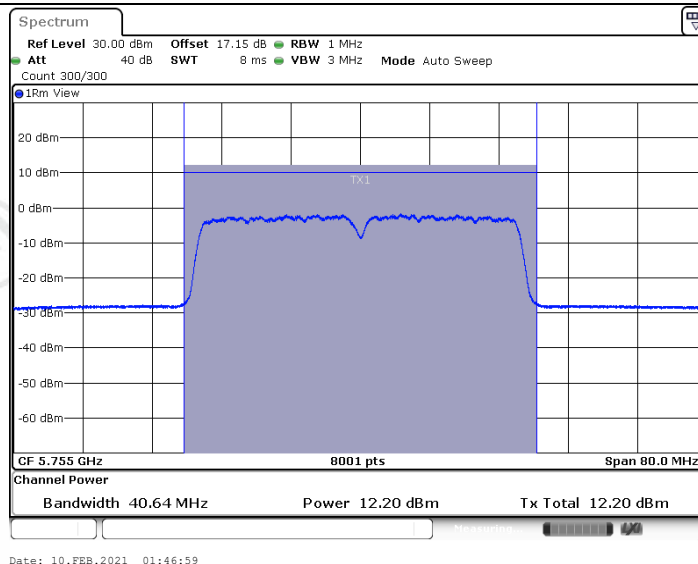
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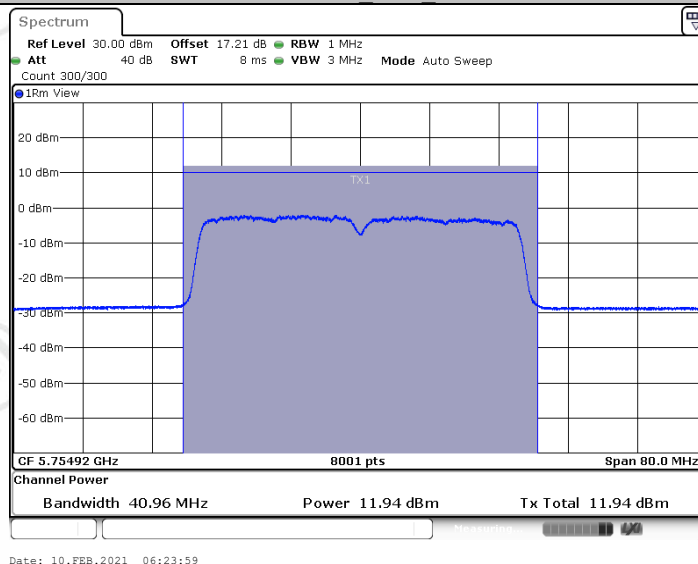
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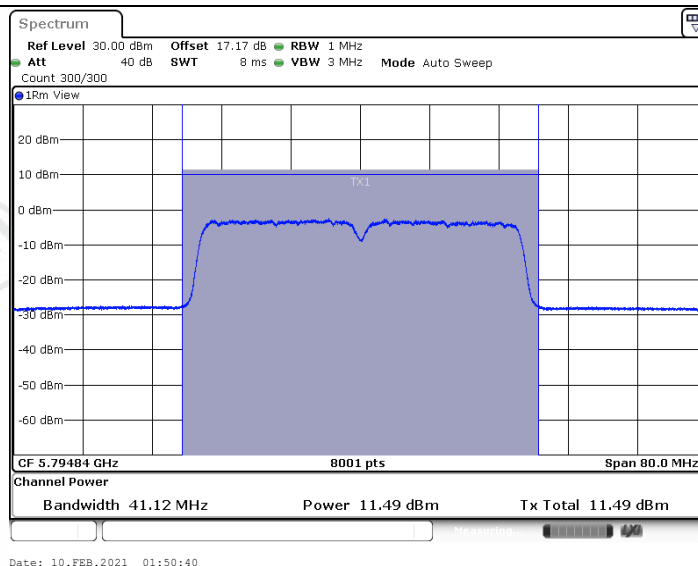


11N40SISO Ant1 5755

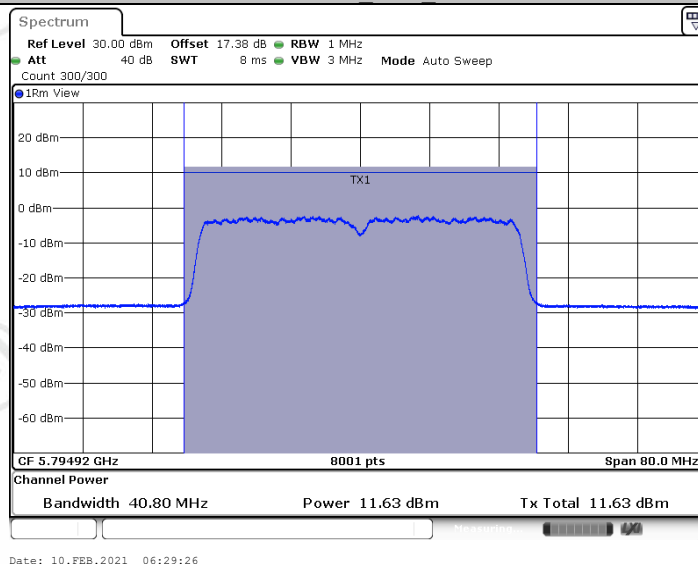


11N40SISO Ant2 5755

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11N40SISO Ant1 5795



11N40SISO Ant2 5795

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Report No. : EED39N00008304



Report No. : EED39N00008304



Report No. : EED39N00008304



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Report No. : EED39N00008304



Report No. : EED39N00008304



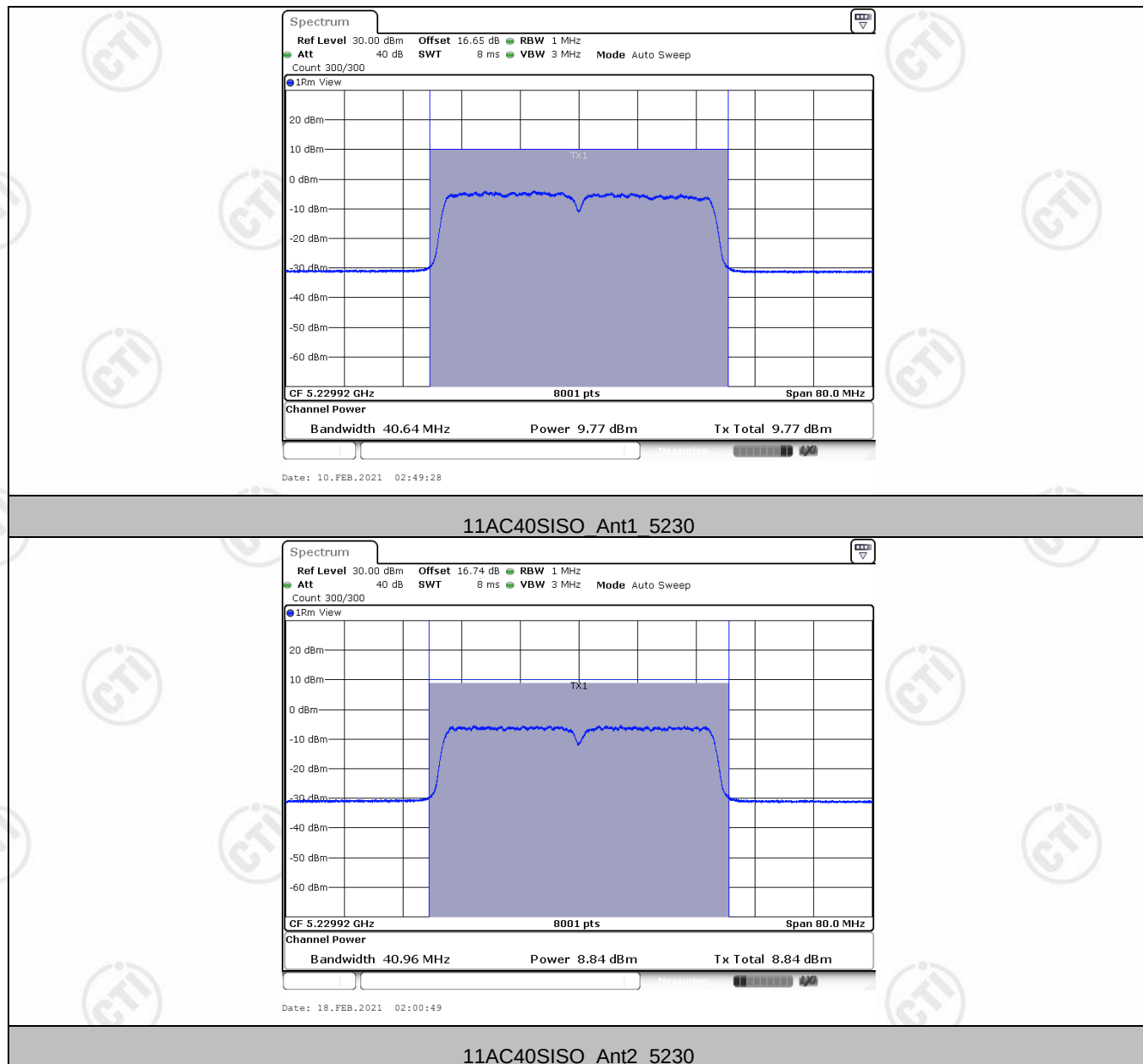
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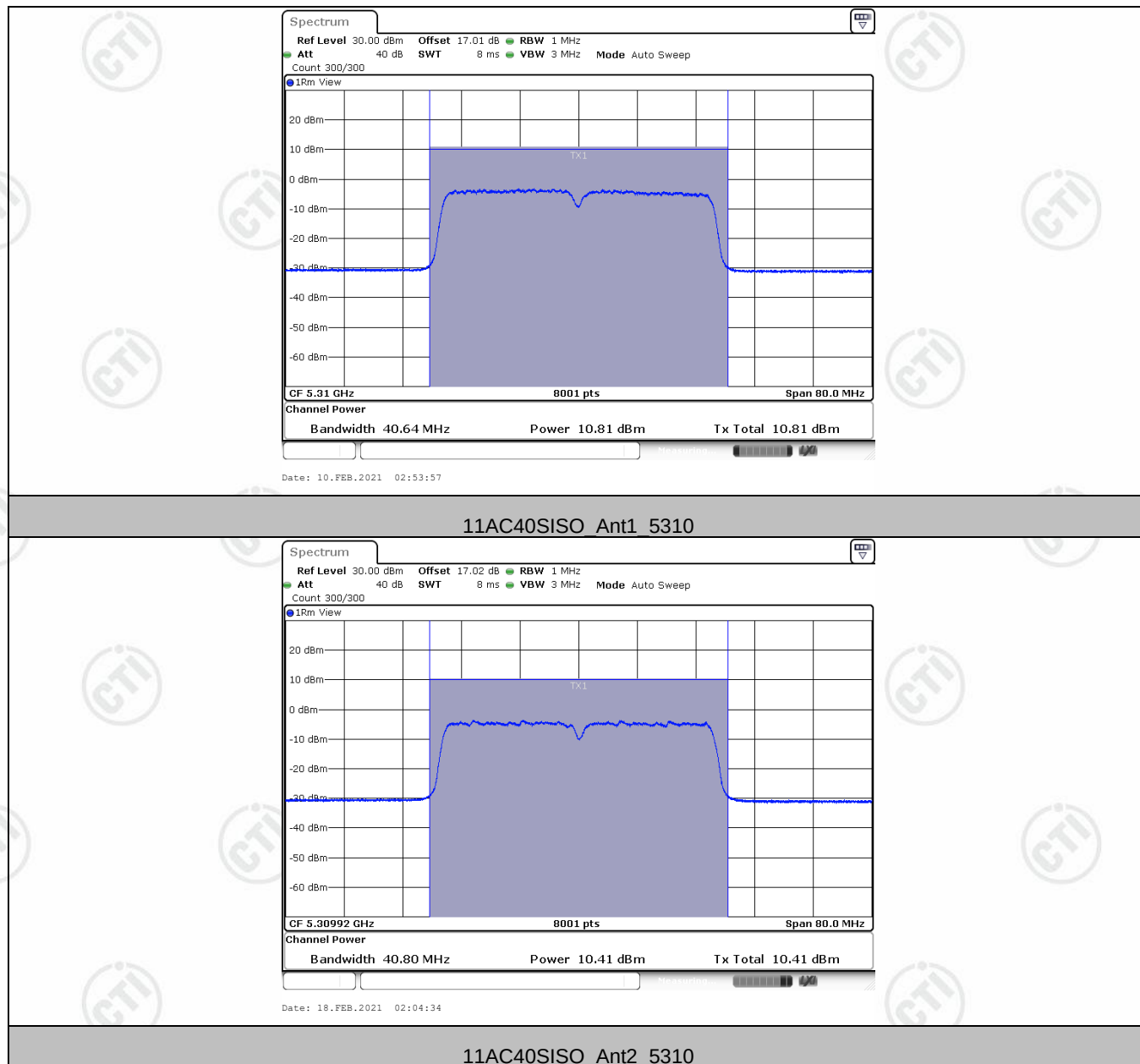
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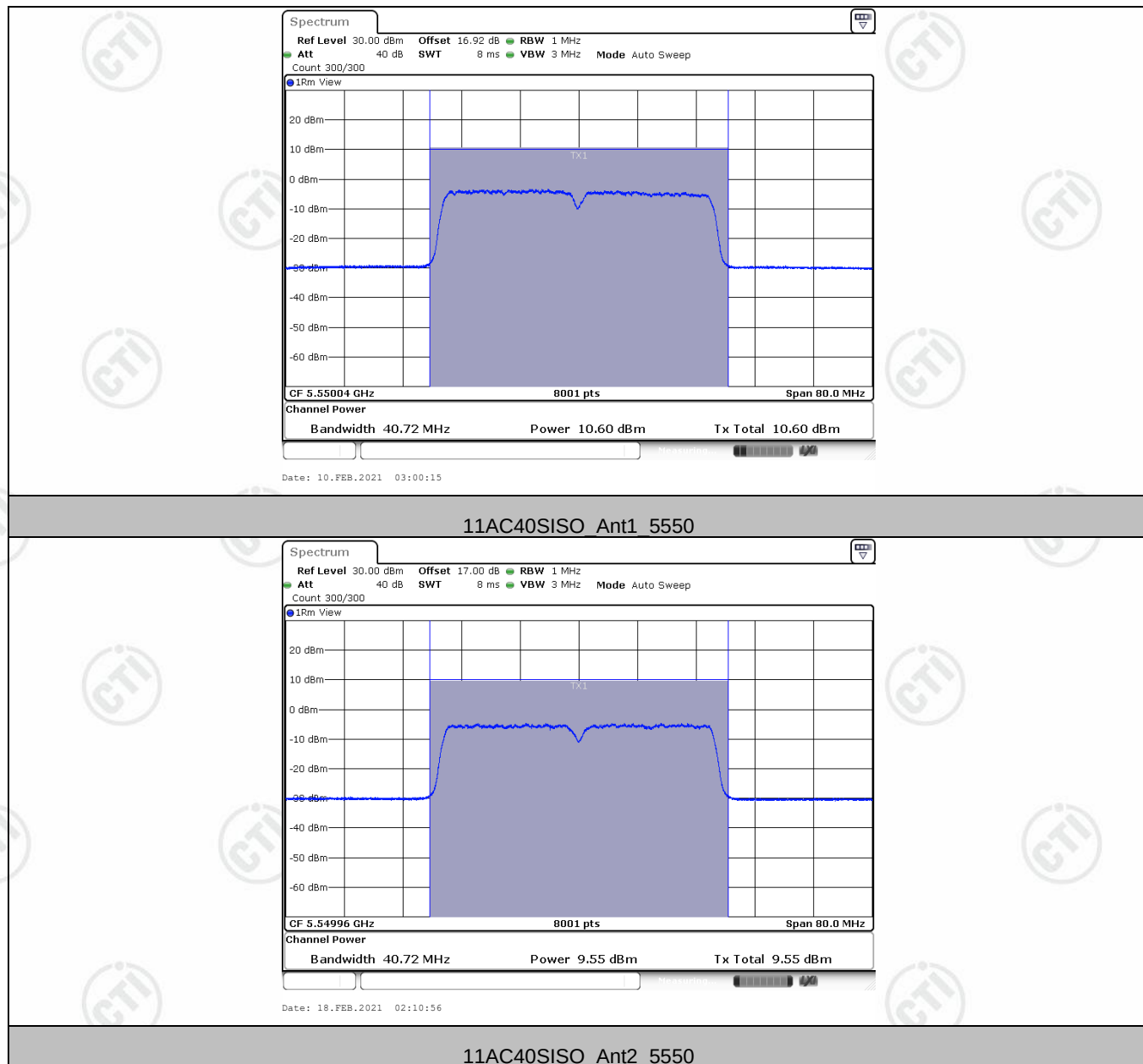


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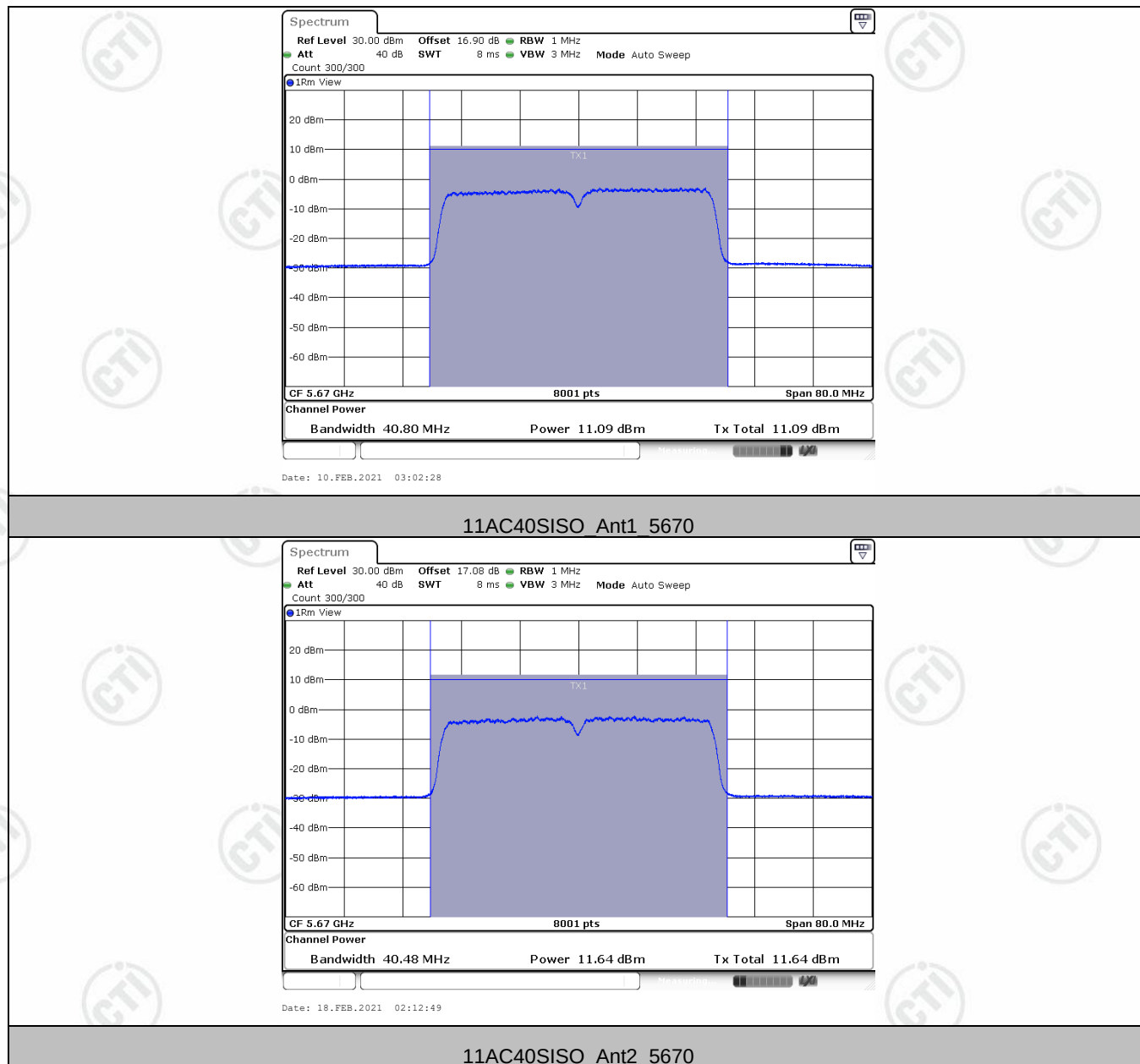




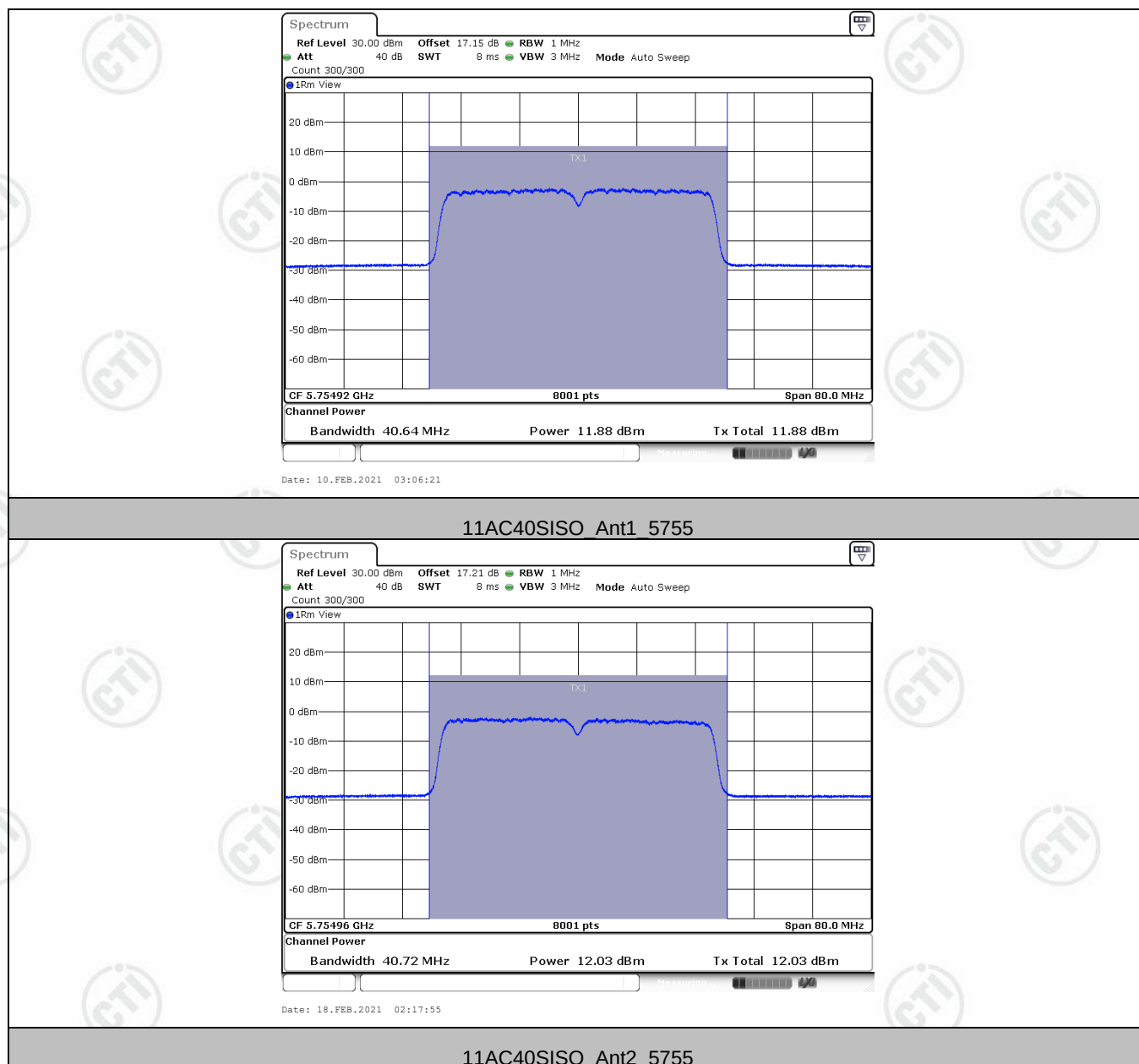
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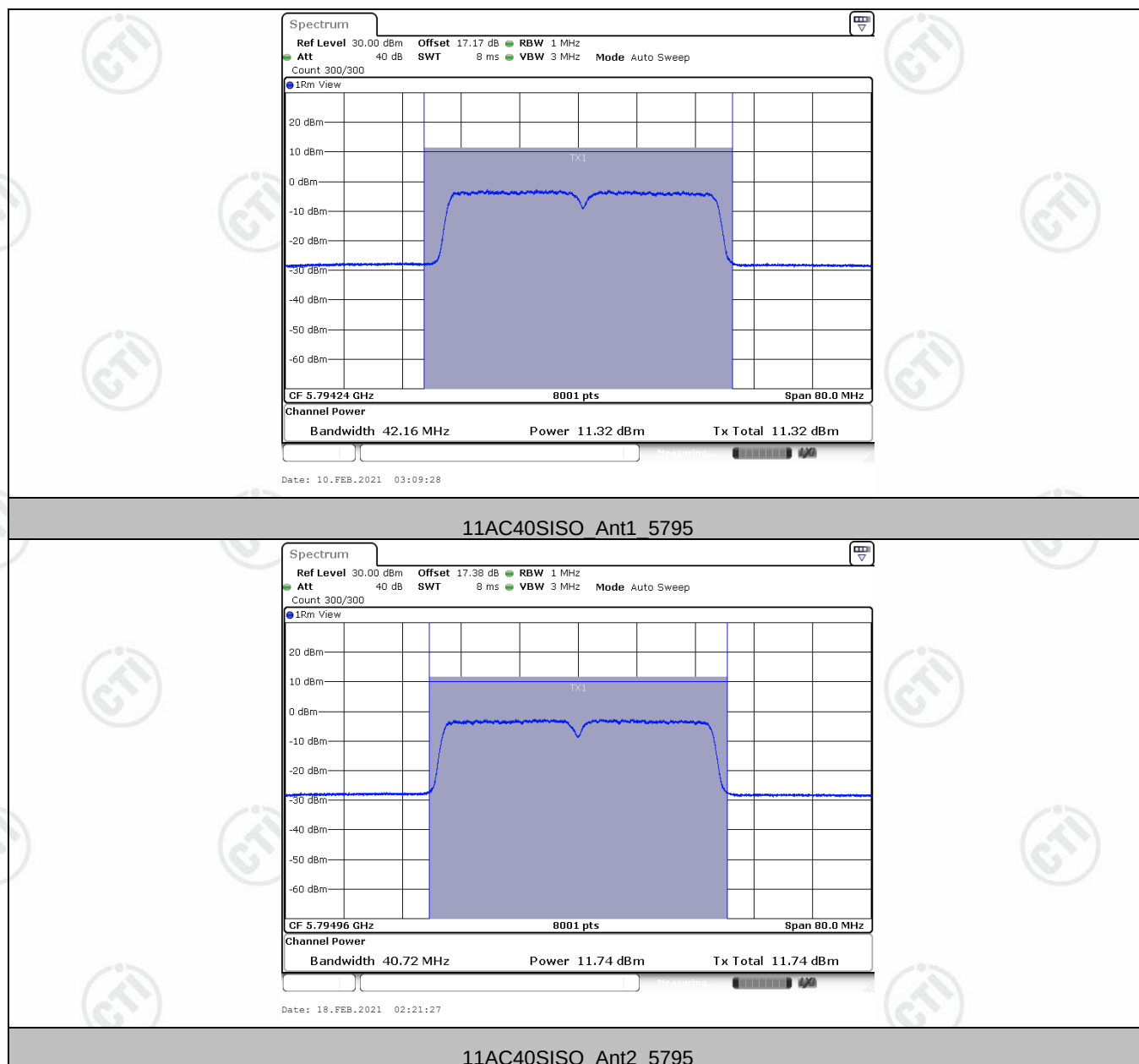
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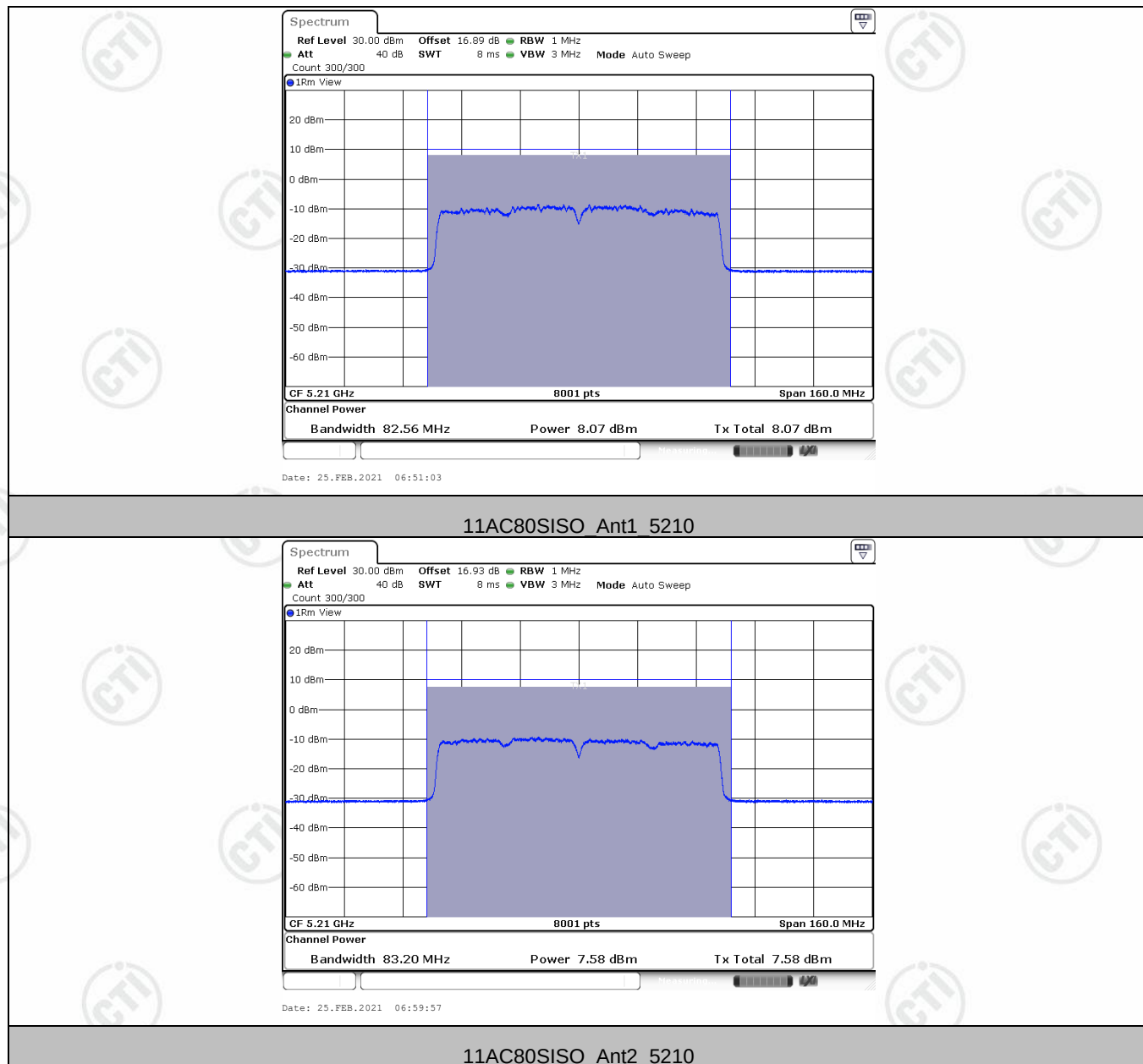
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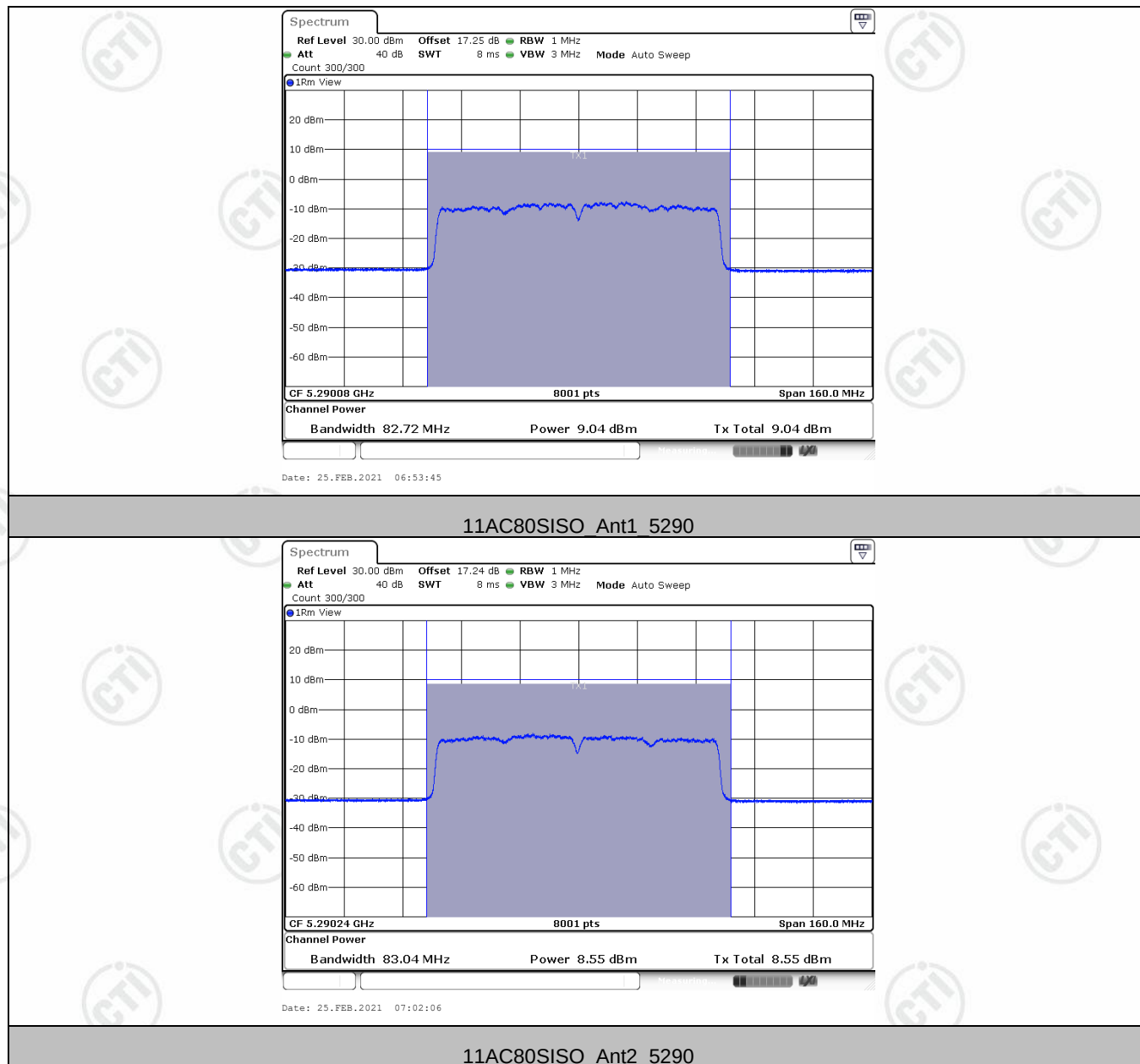
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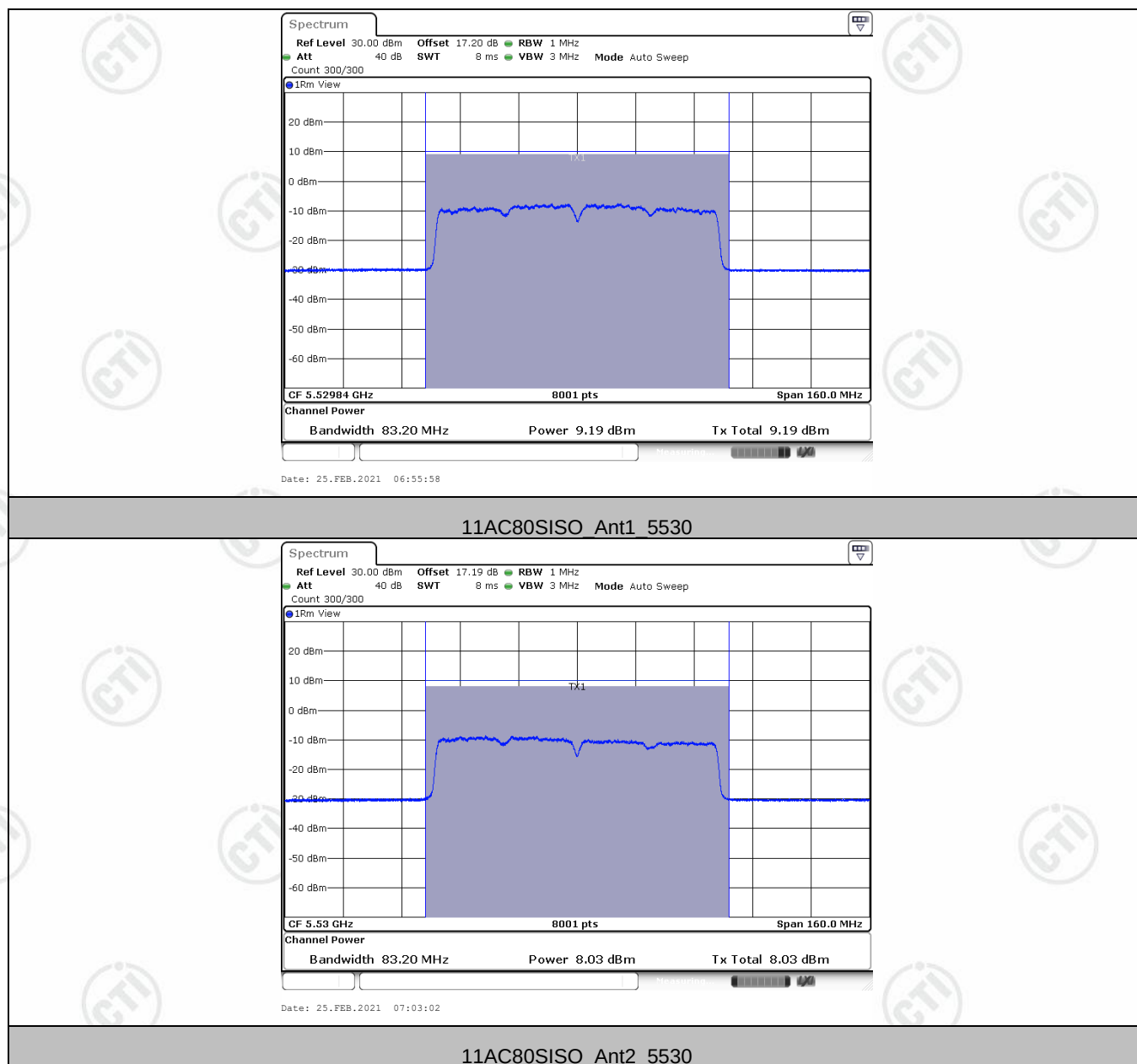
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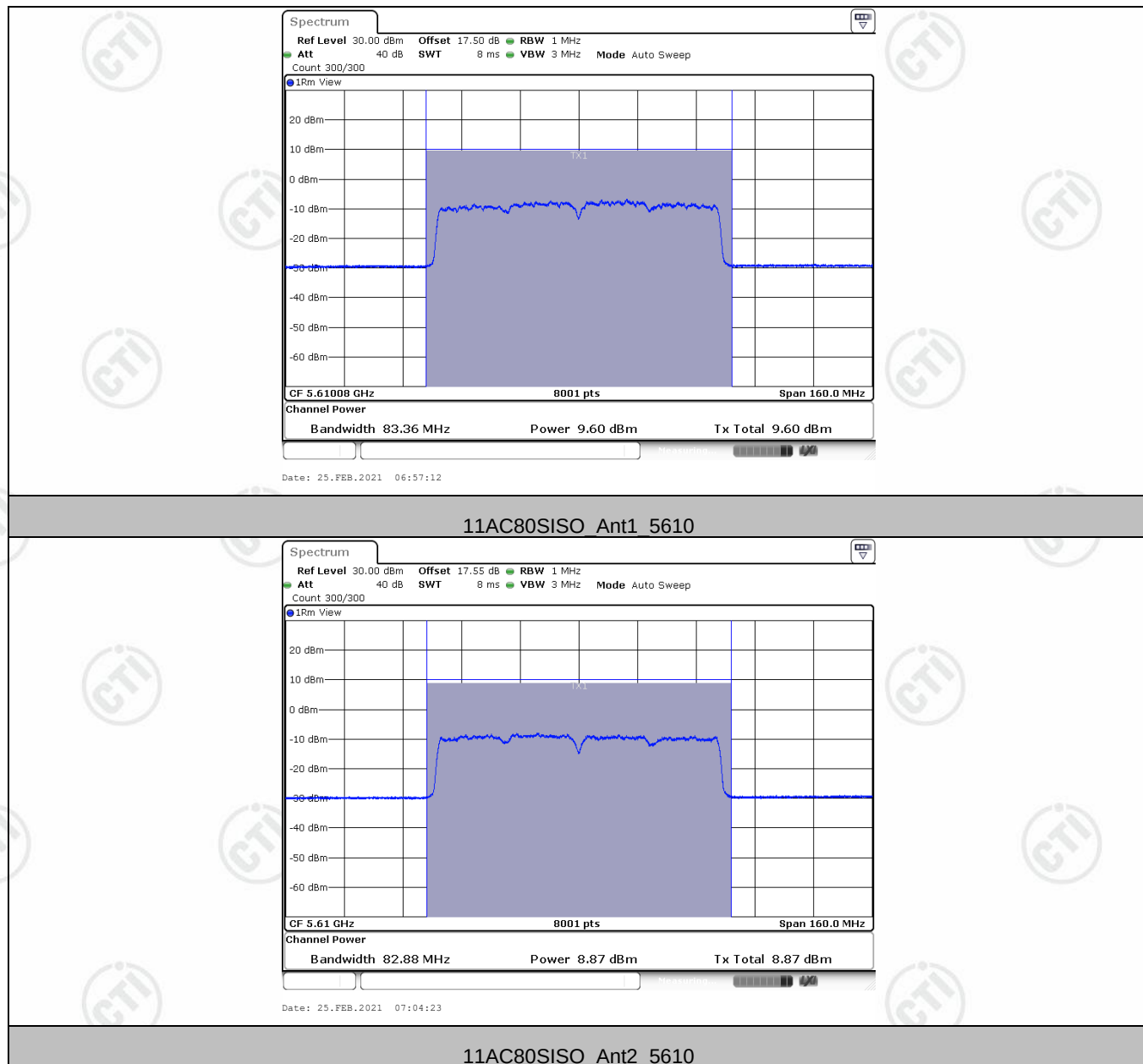
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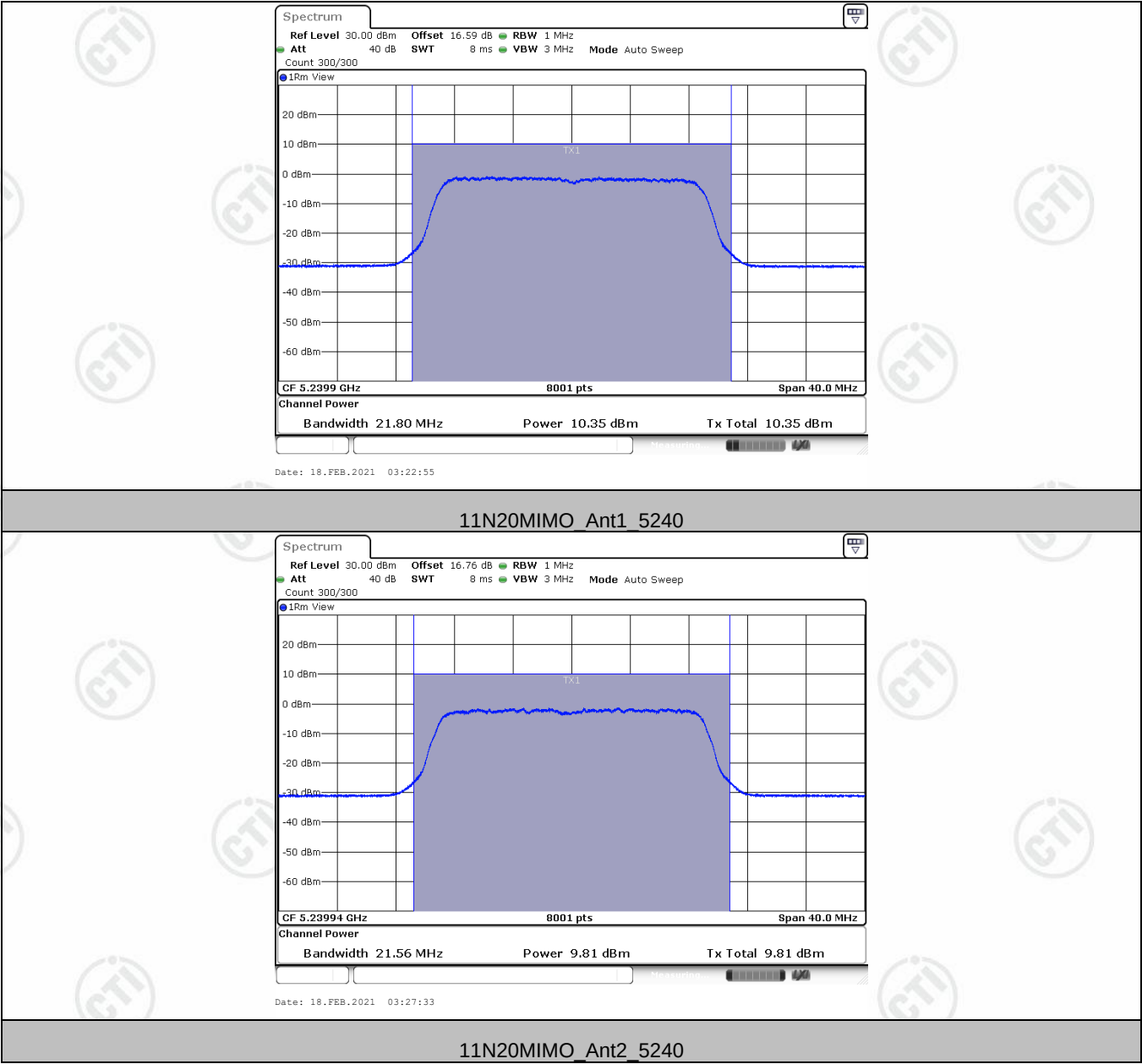






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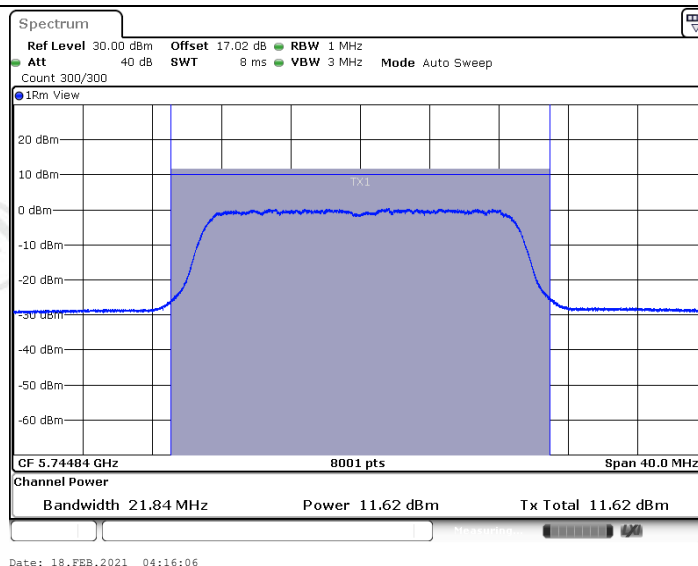
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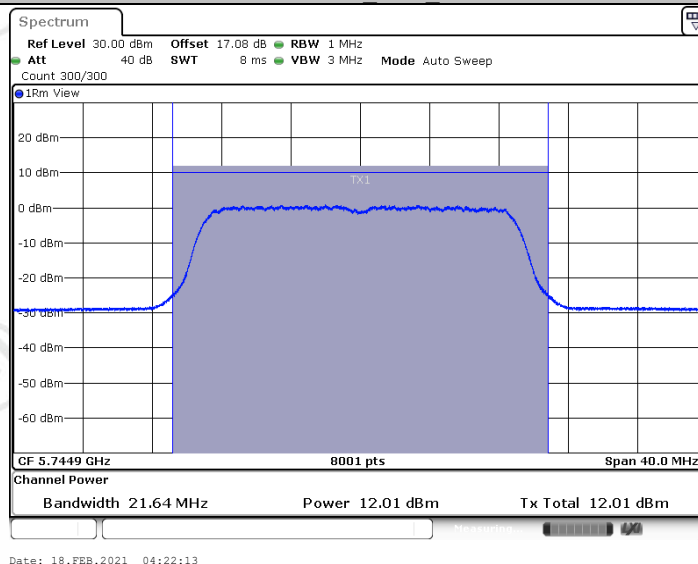
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11N20MIMO Ant1 5745



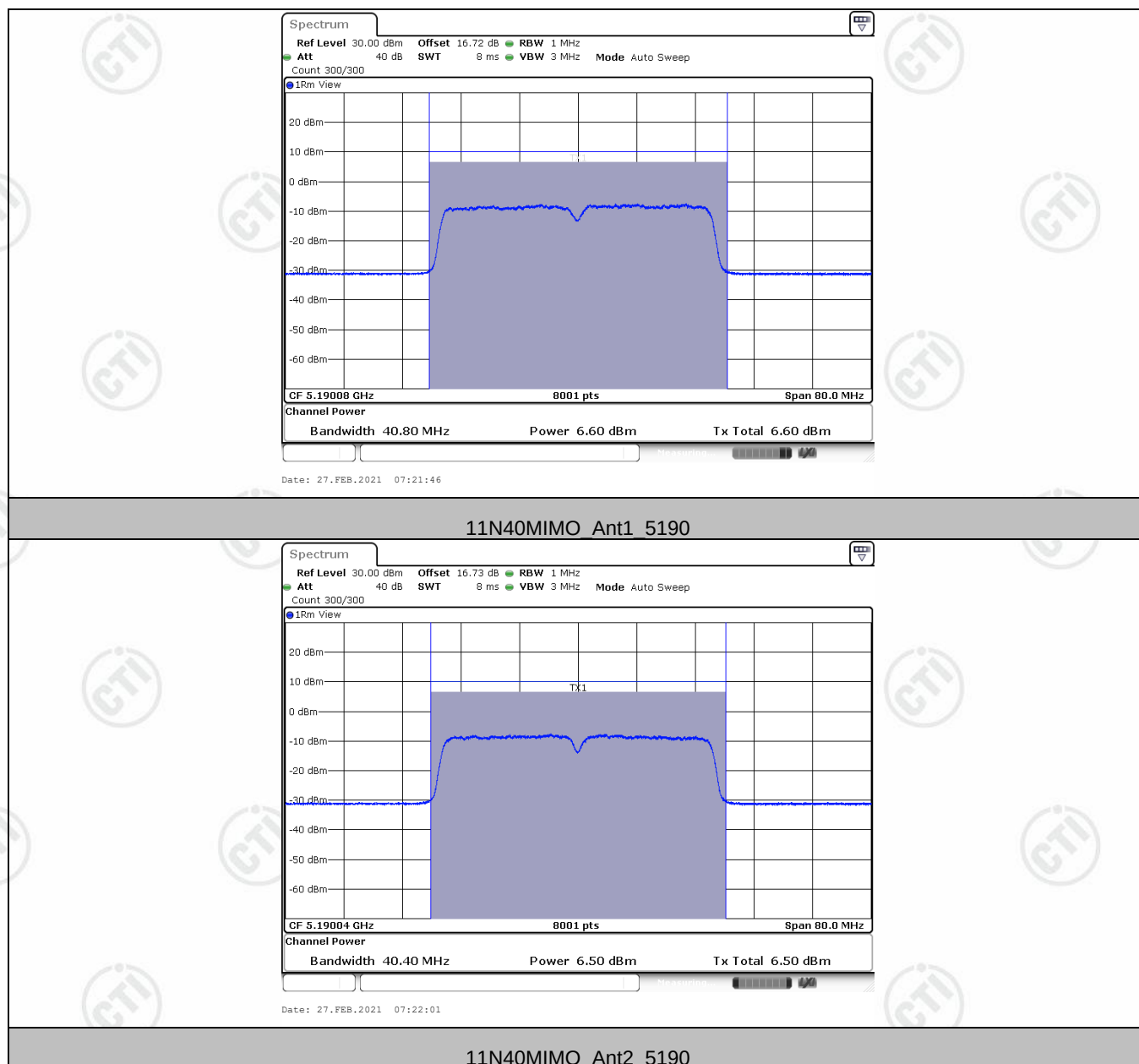
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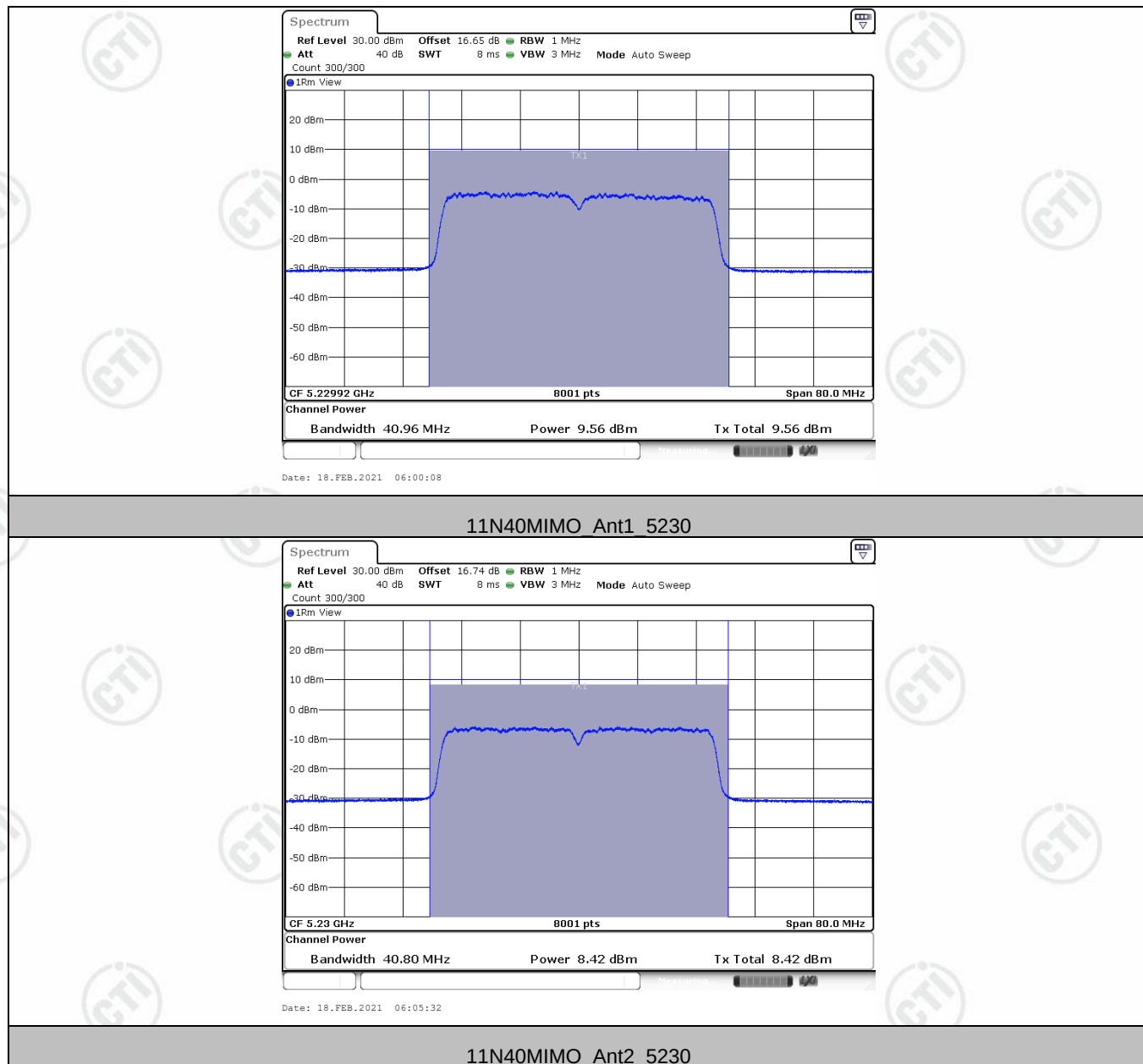




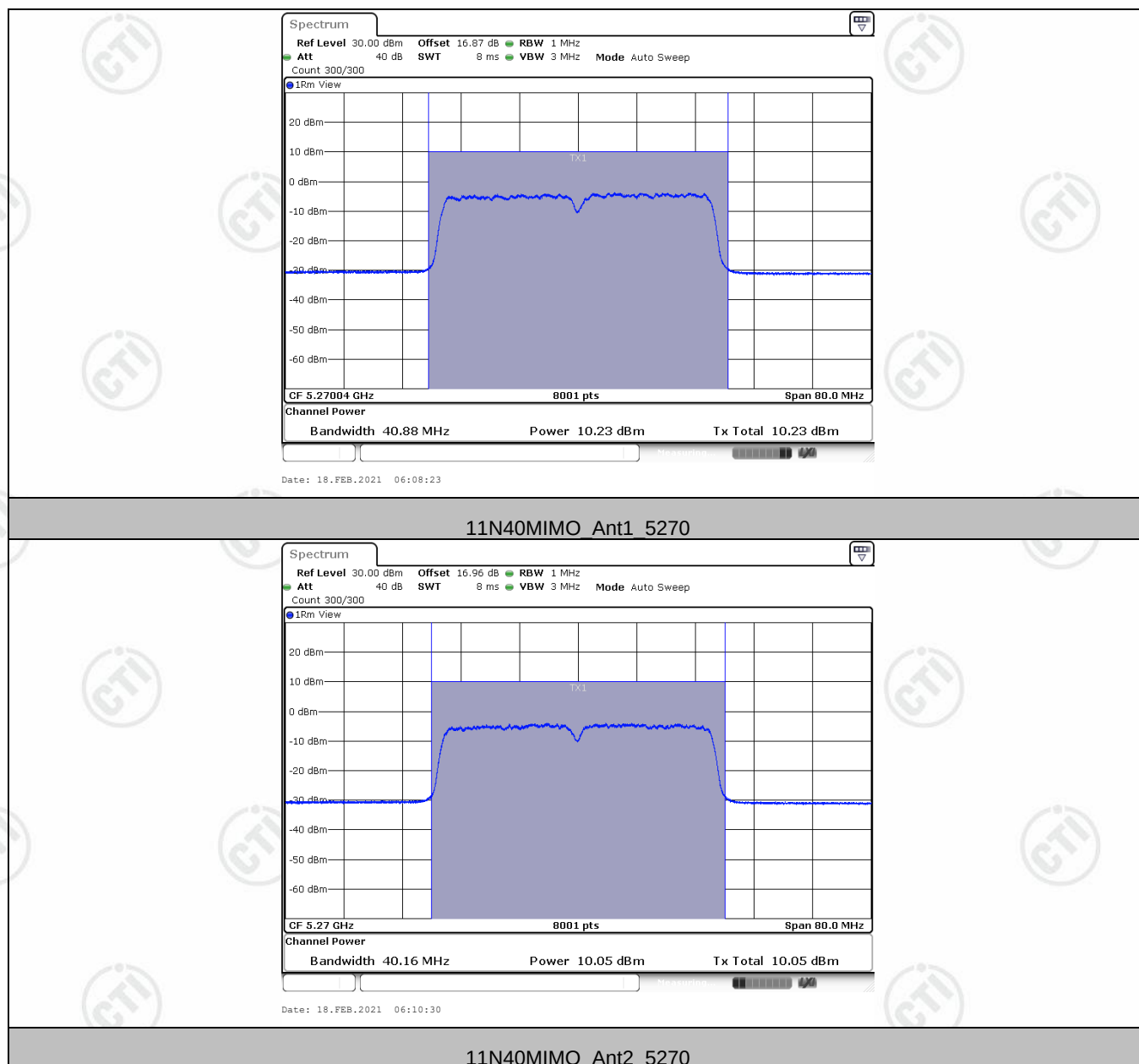
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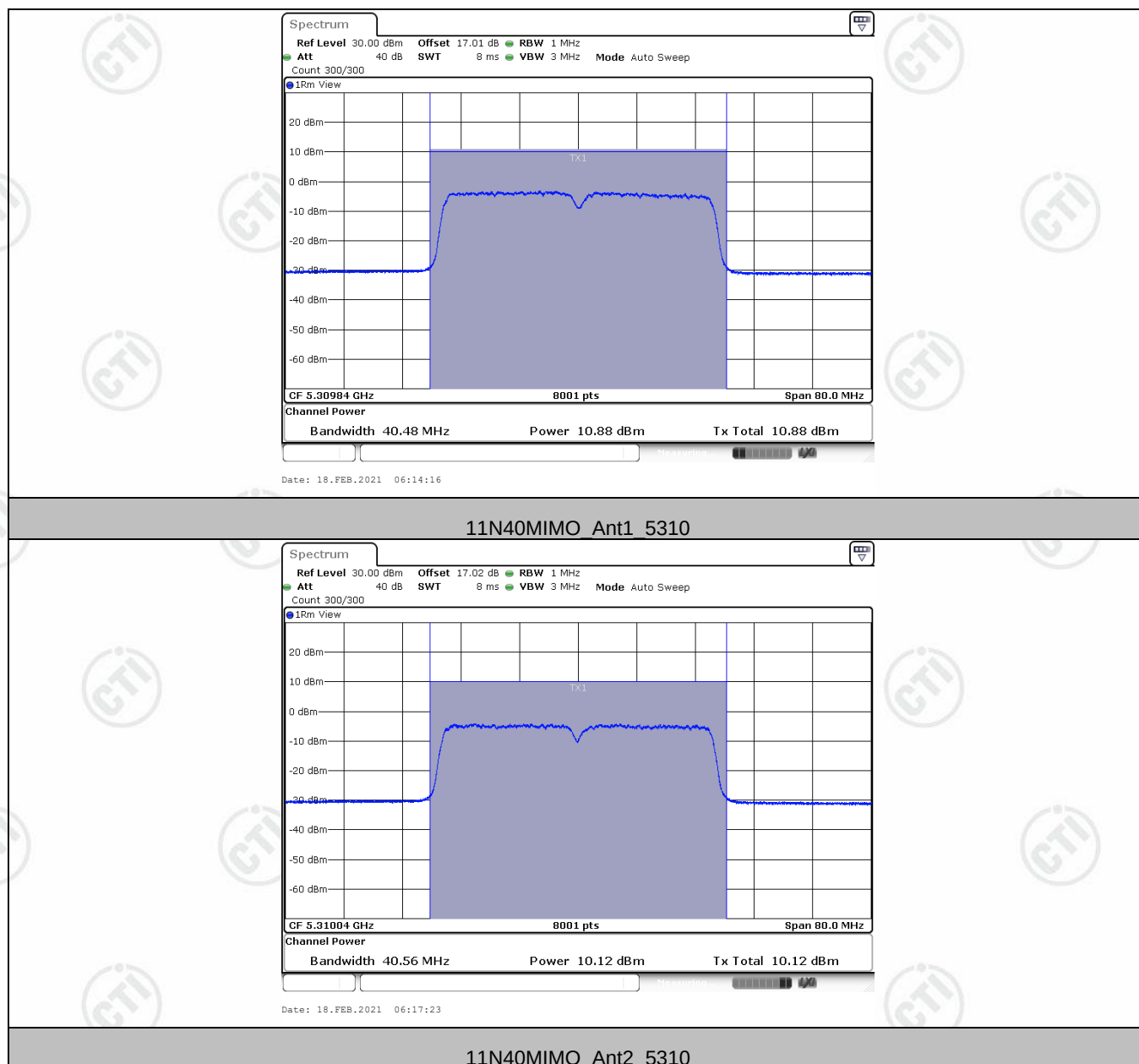
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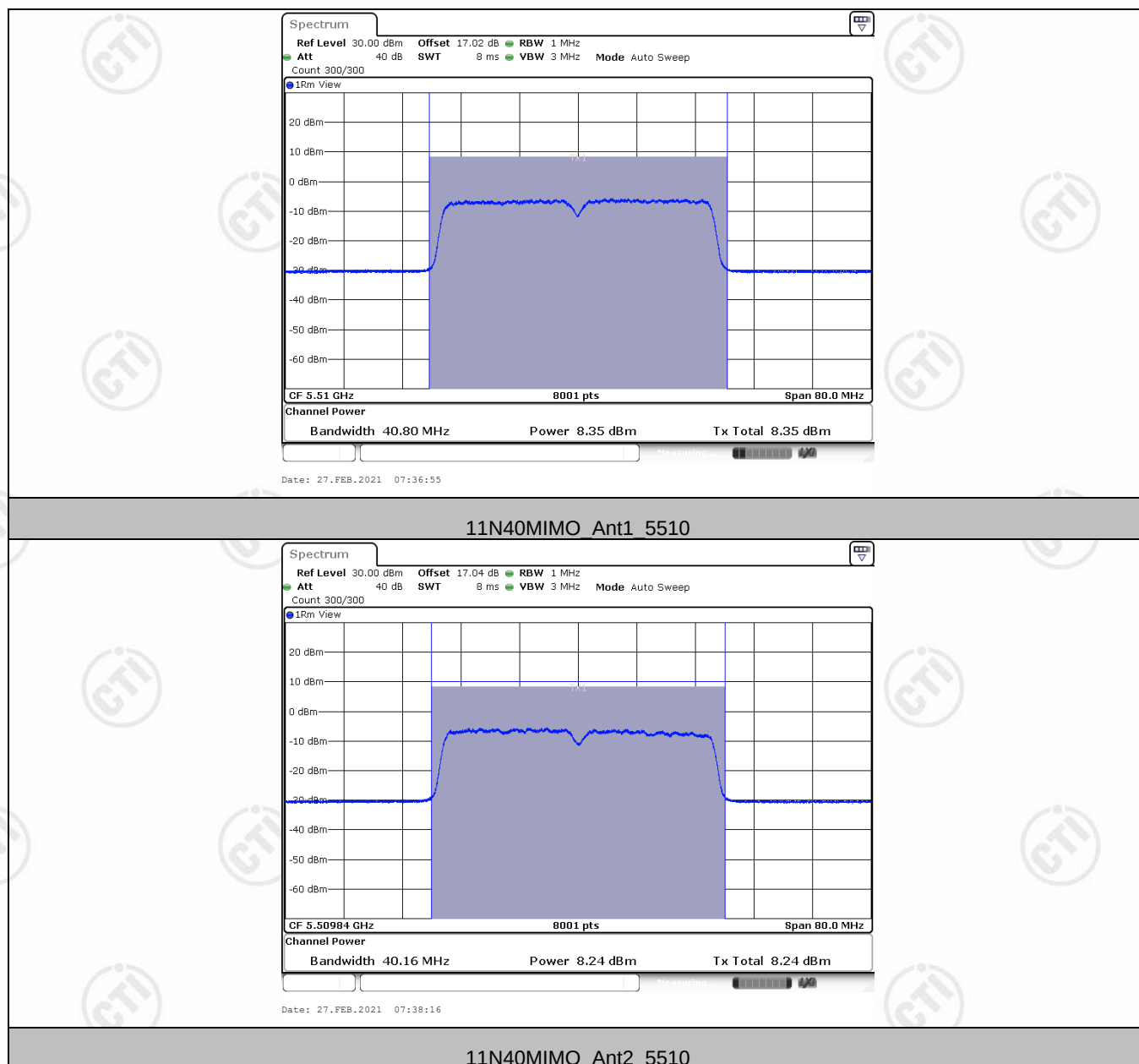
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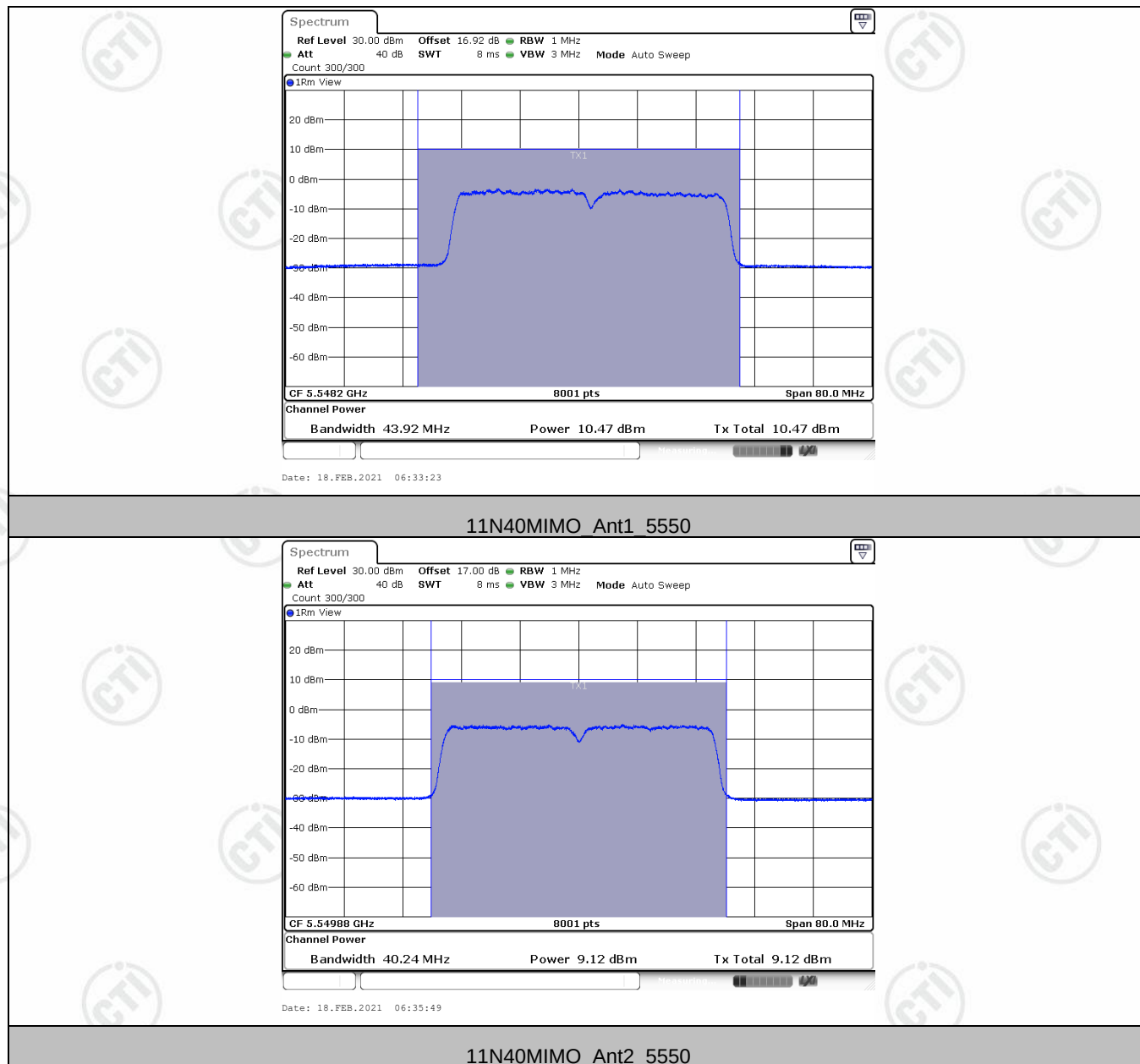
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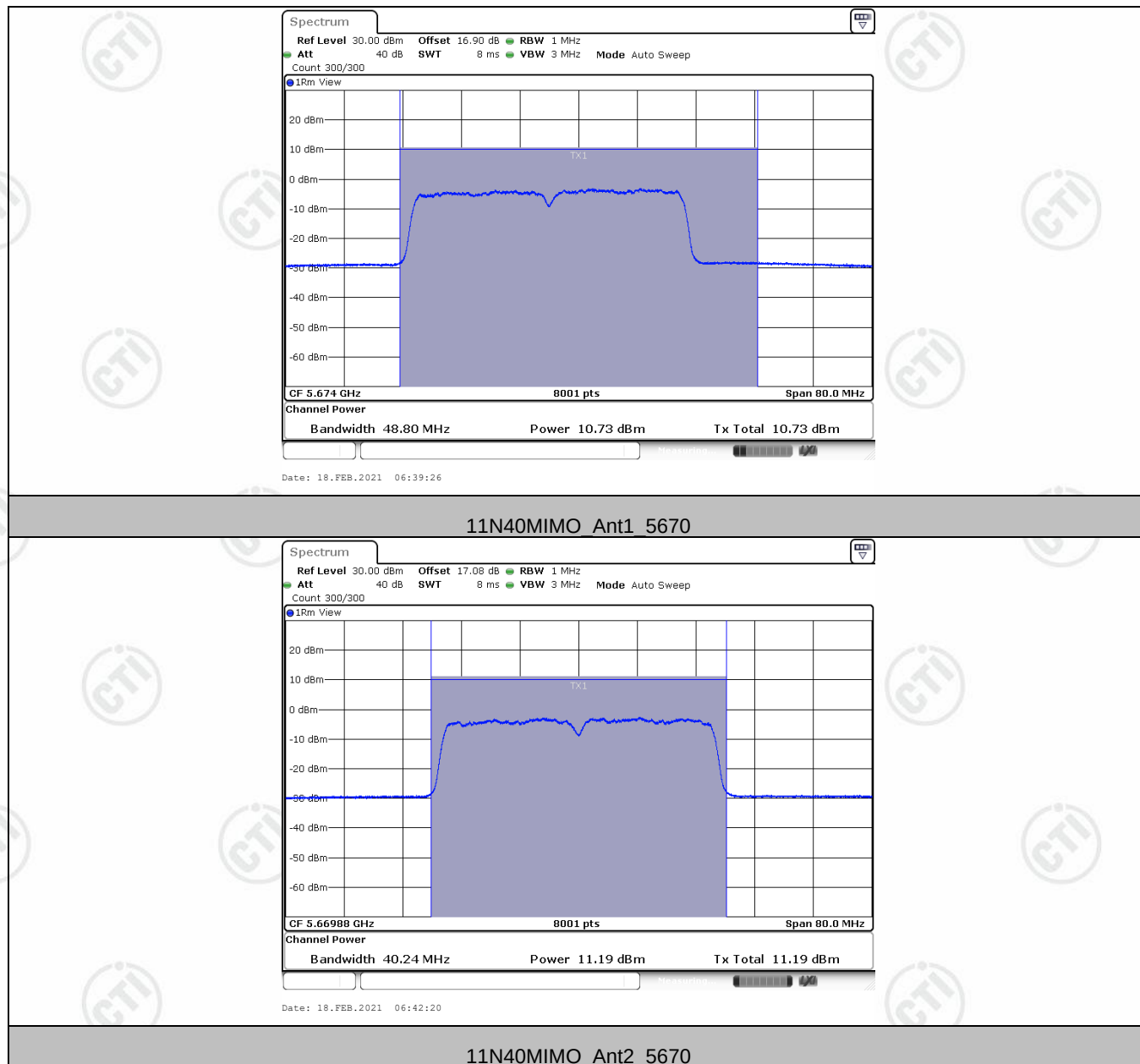
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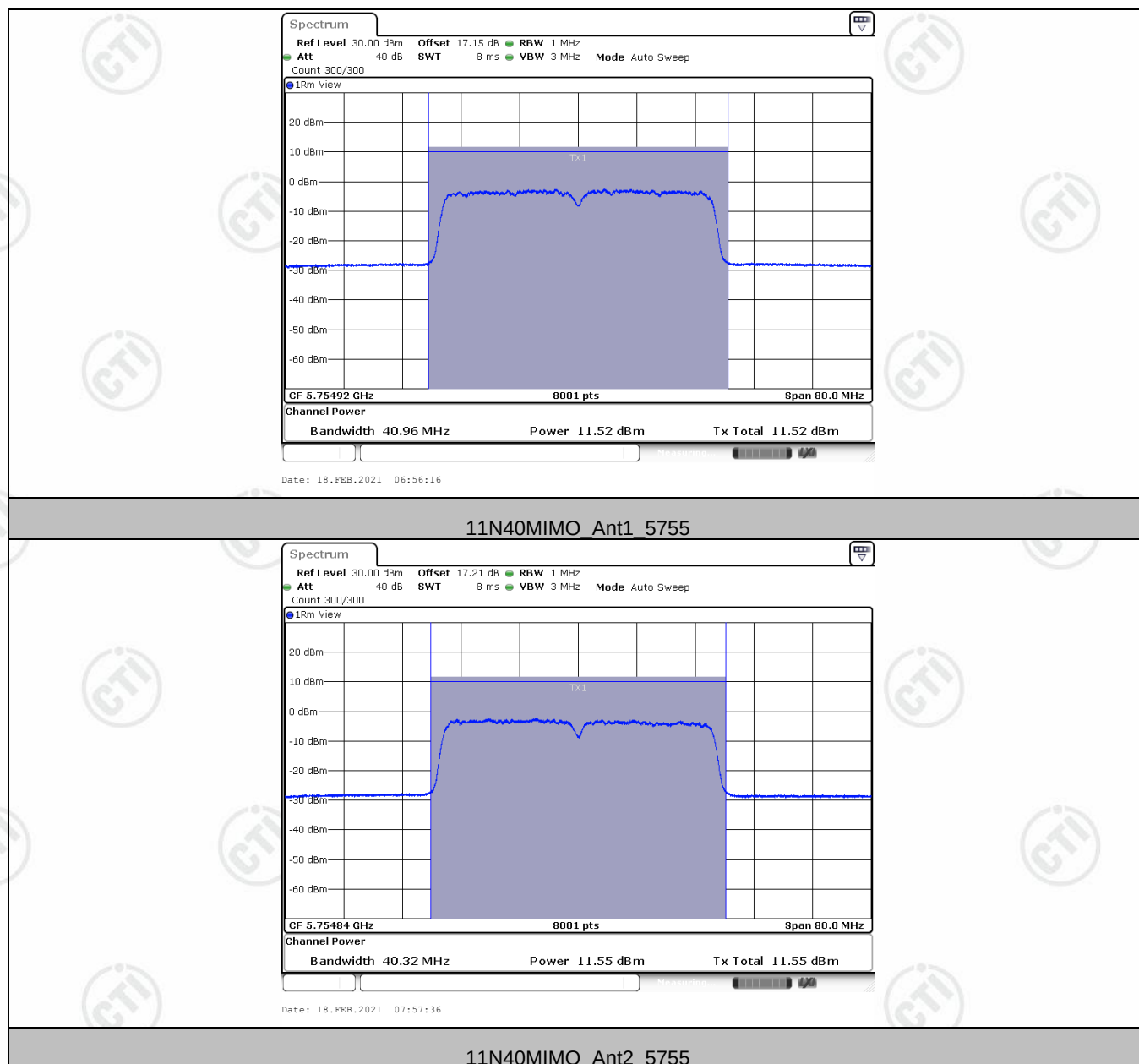
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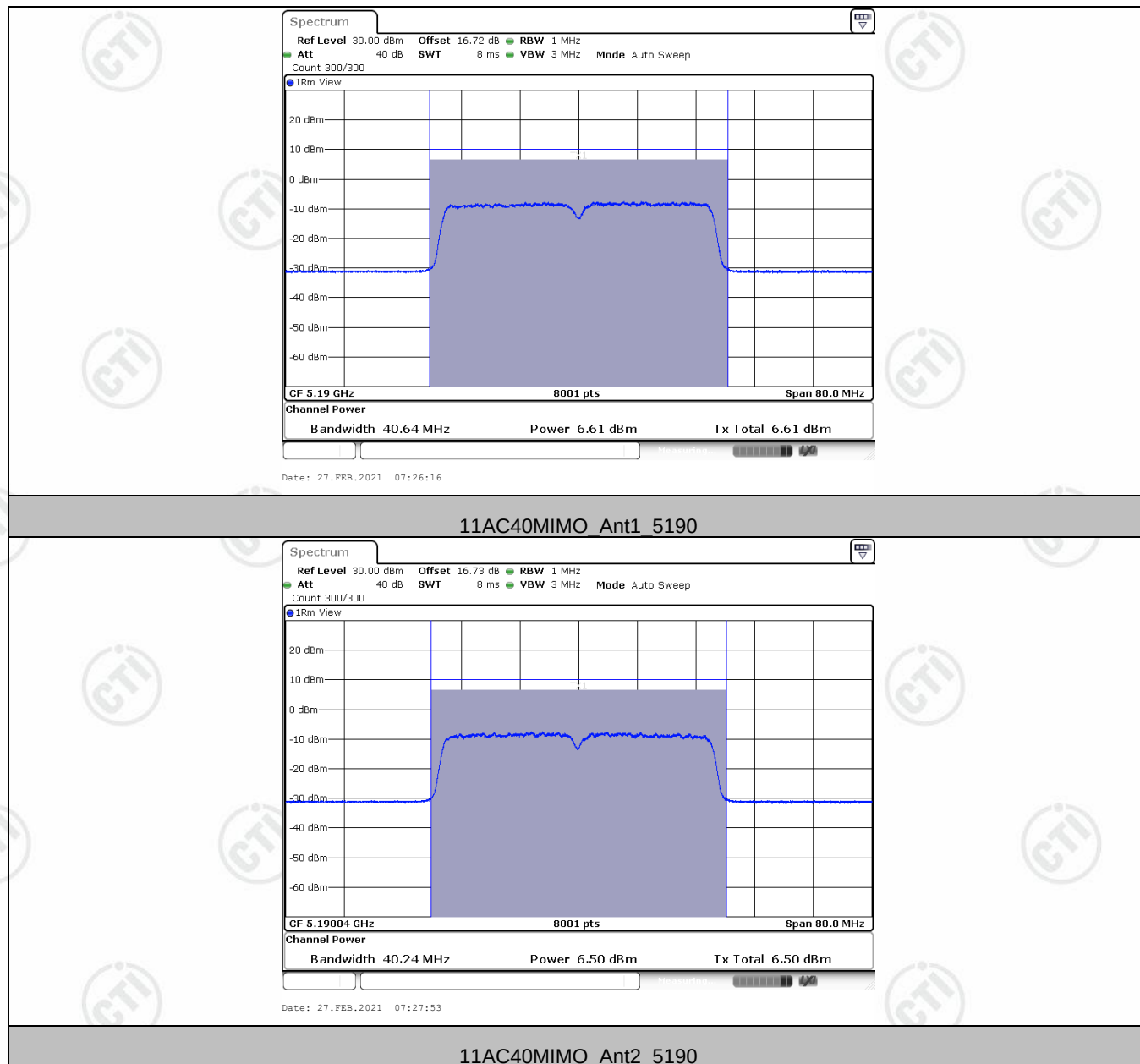




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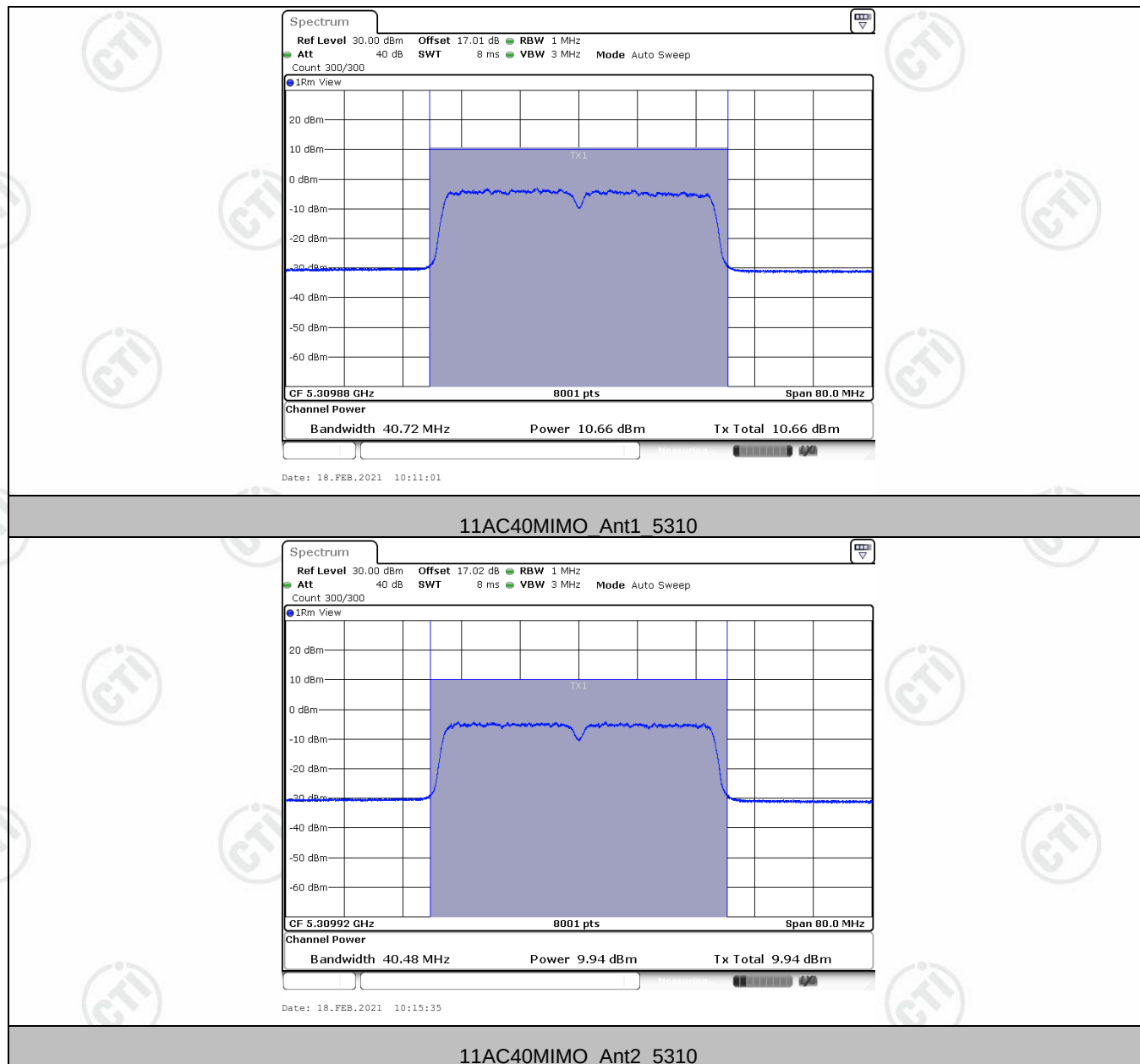
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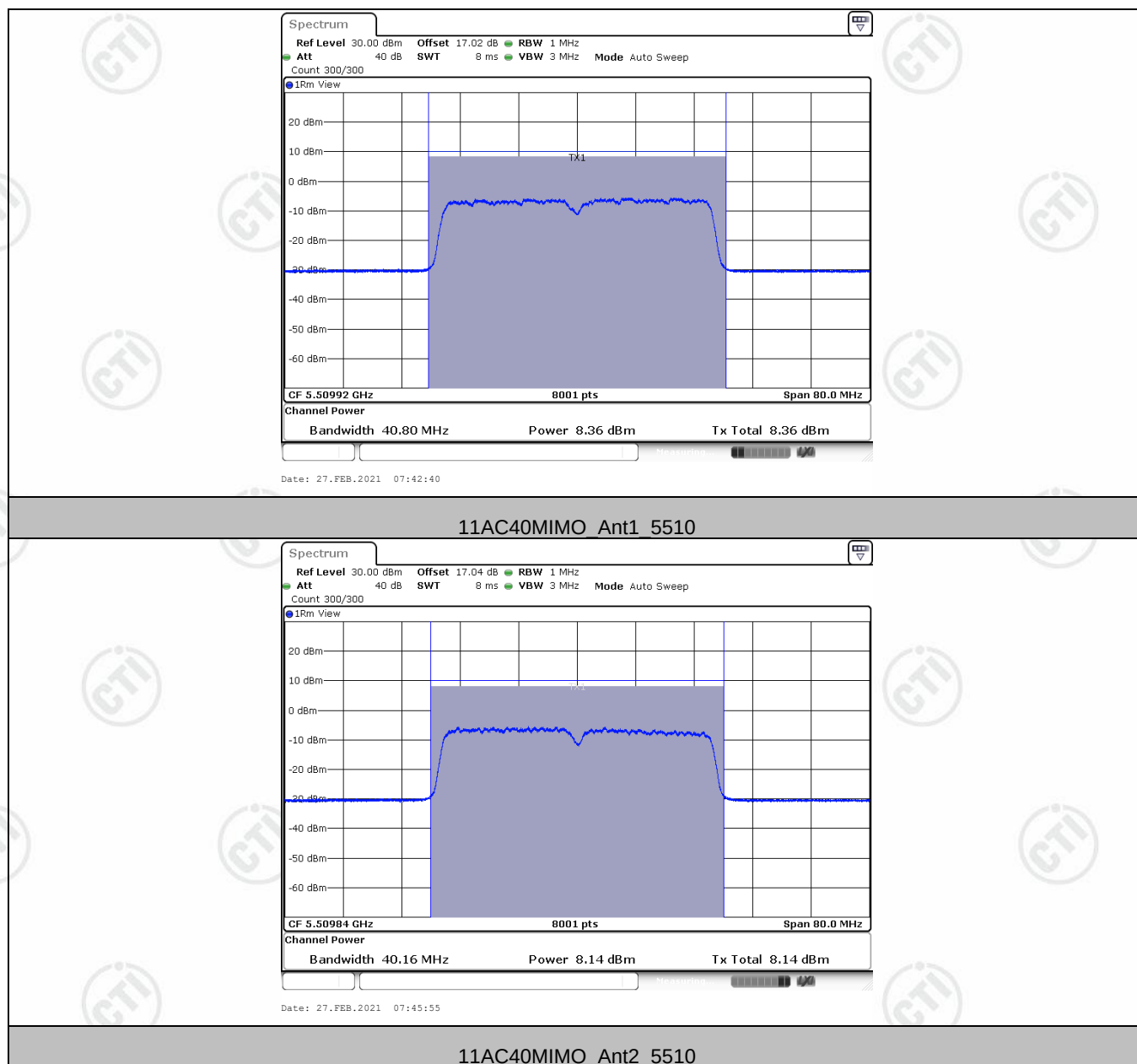




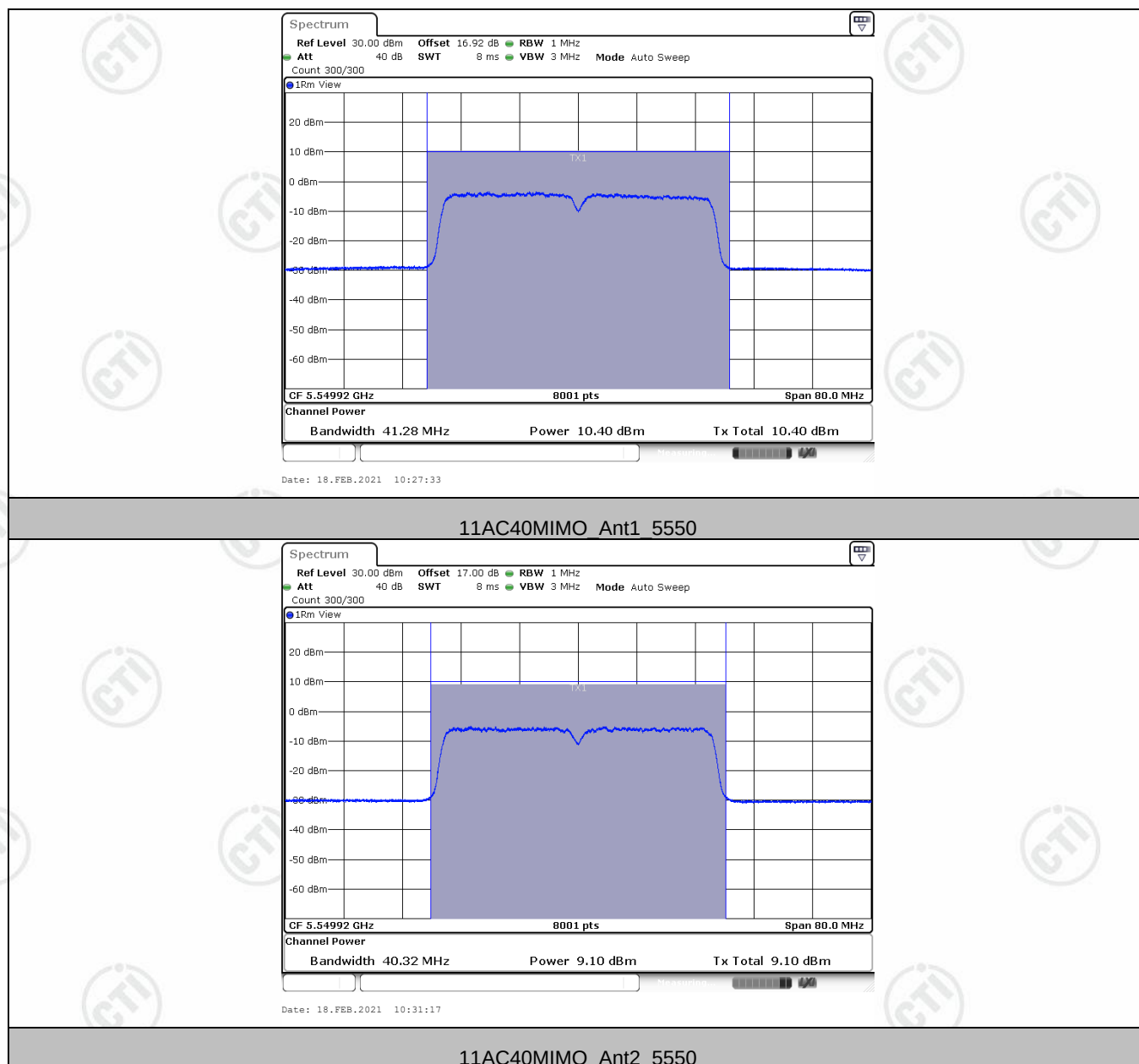
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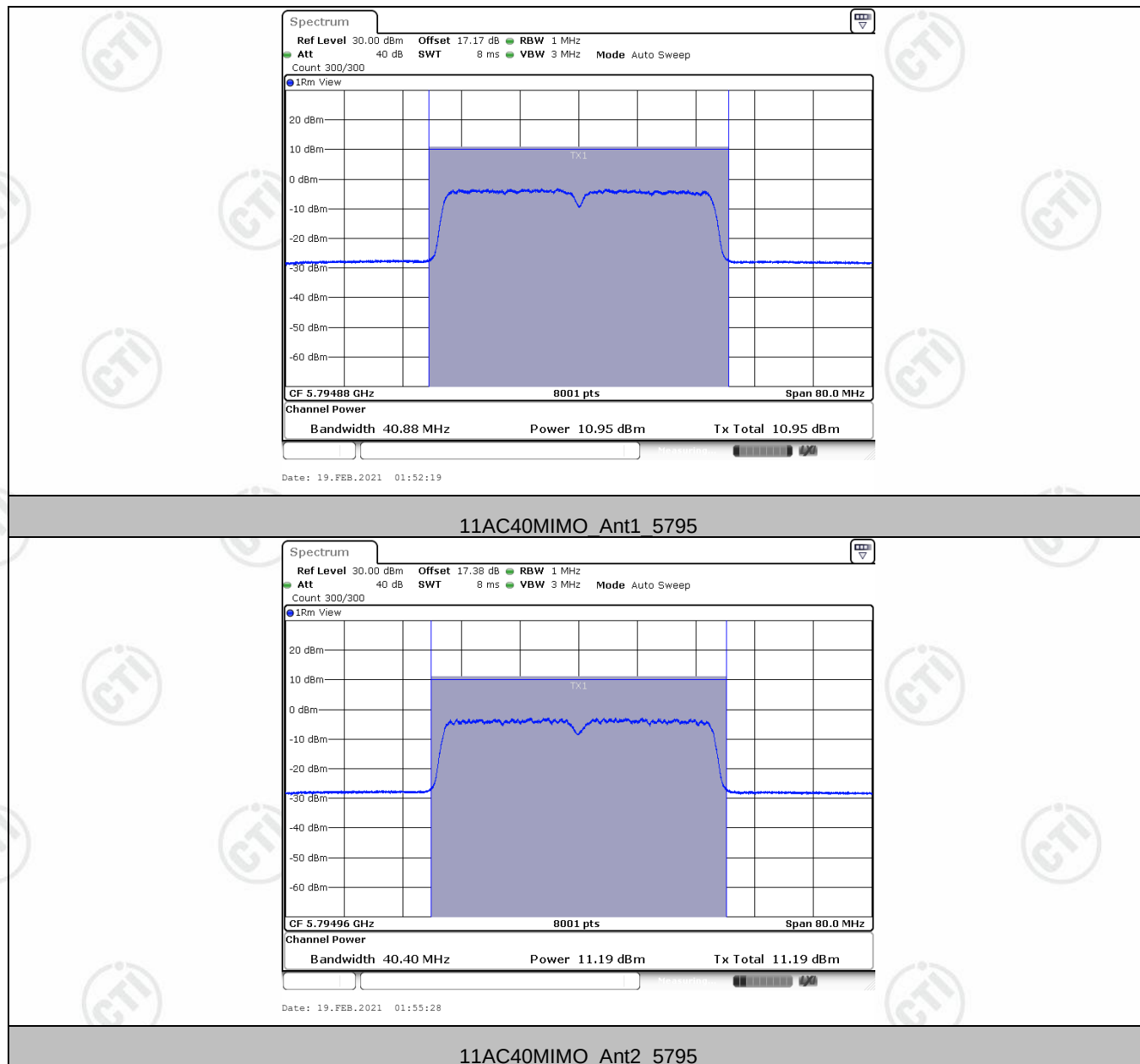




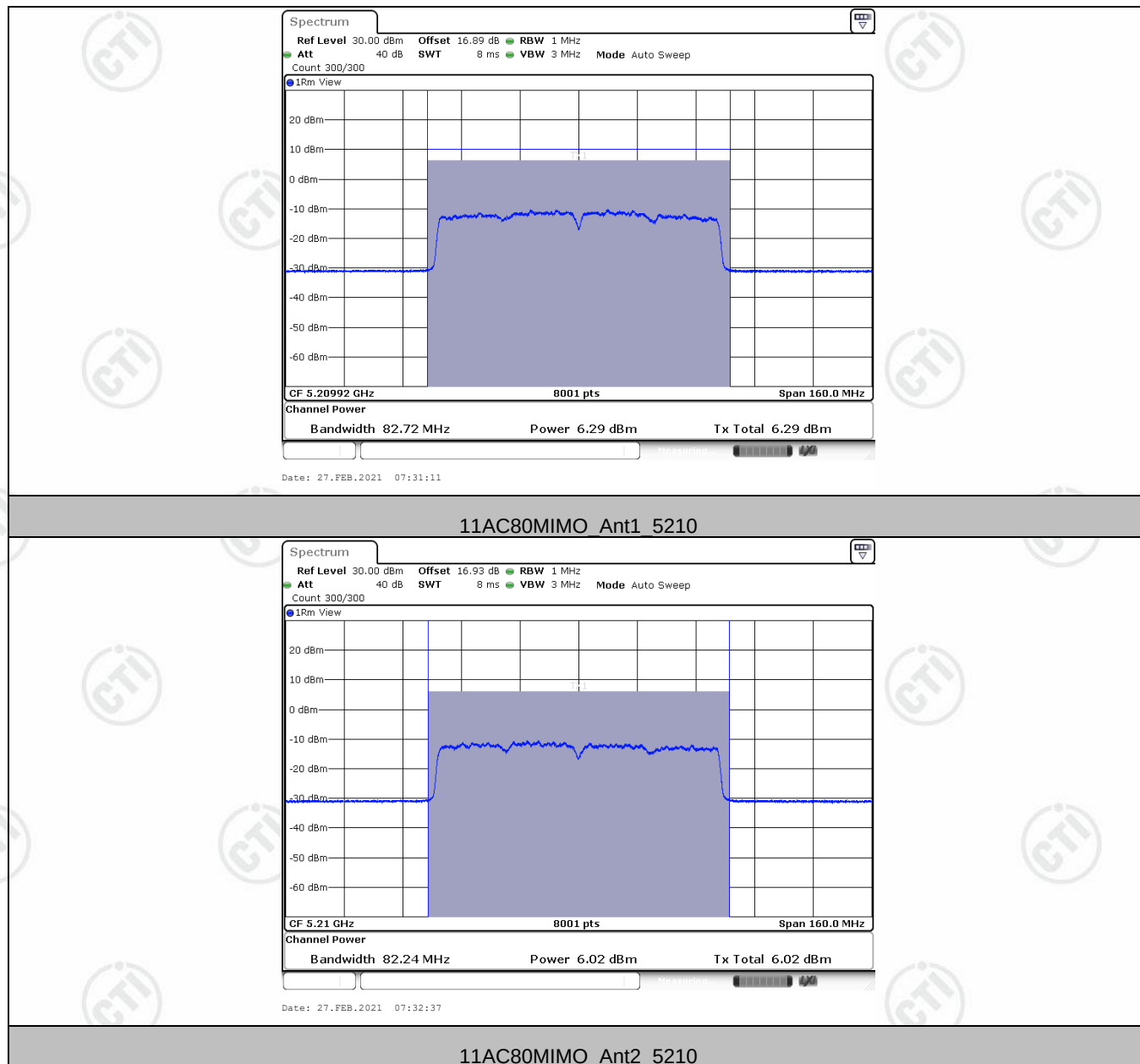
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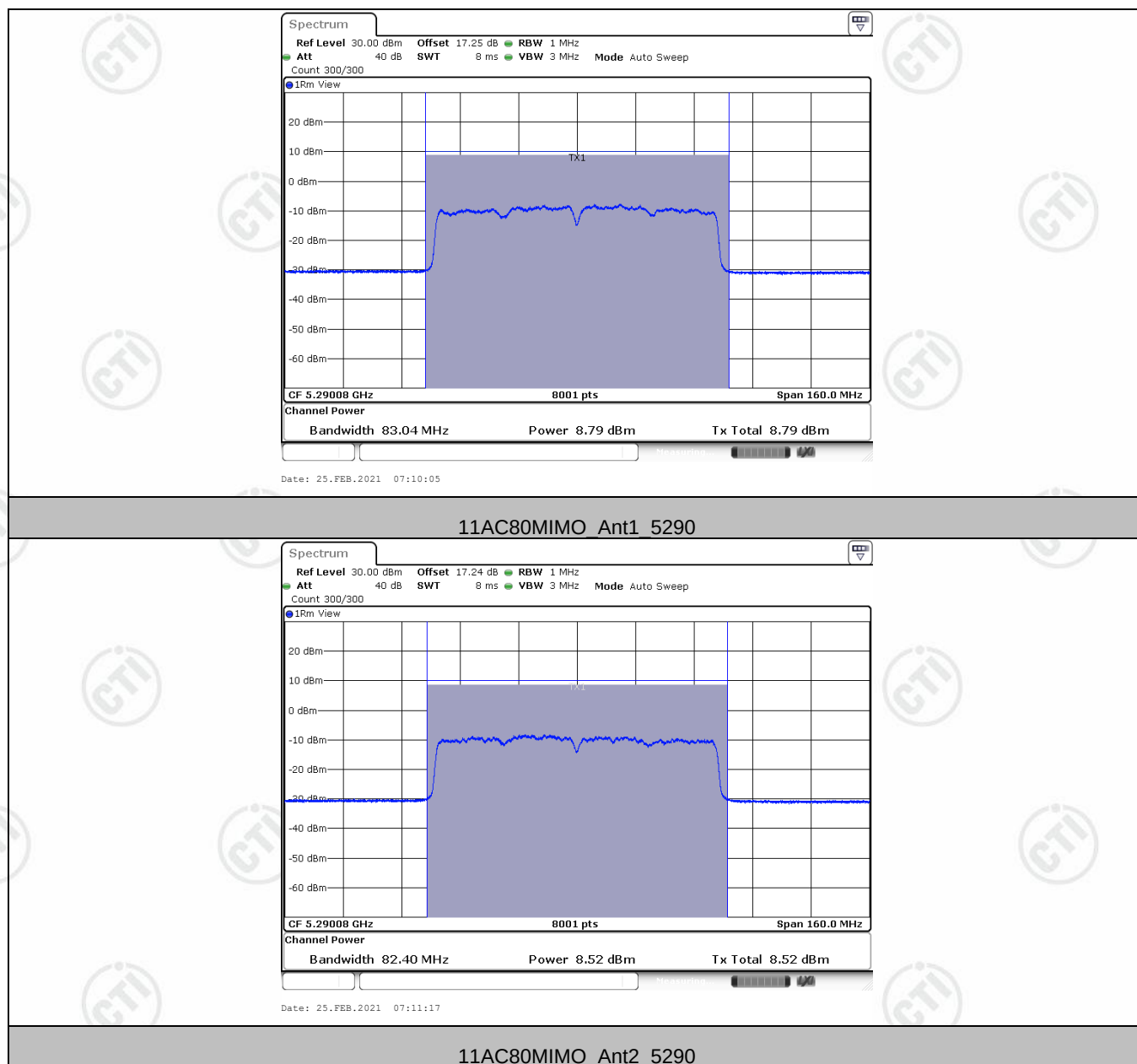
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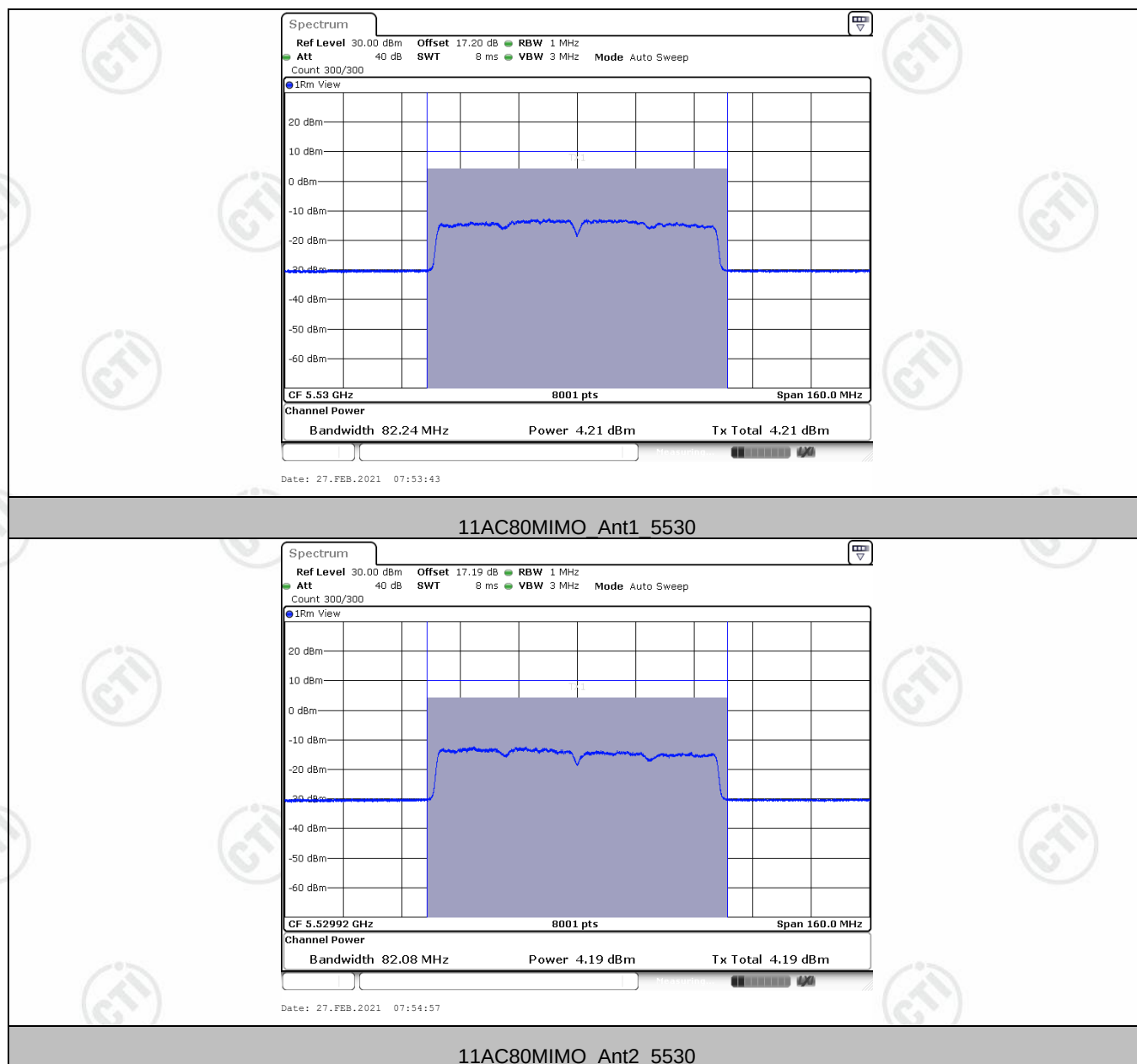
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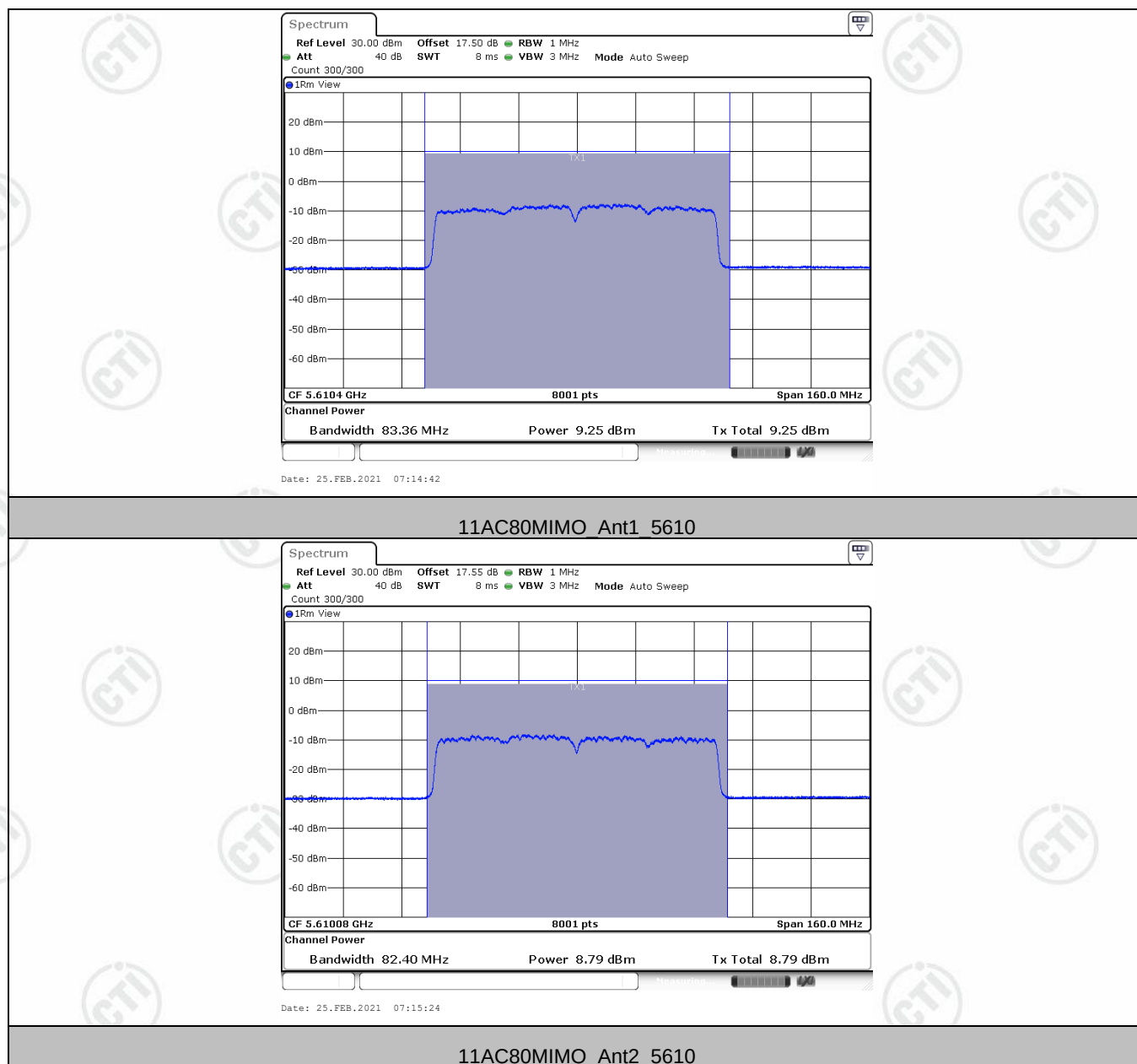
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