

Appendix D: Maximum conducted output power Test Result

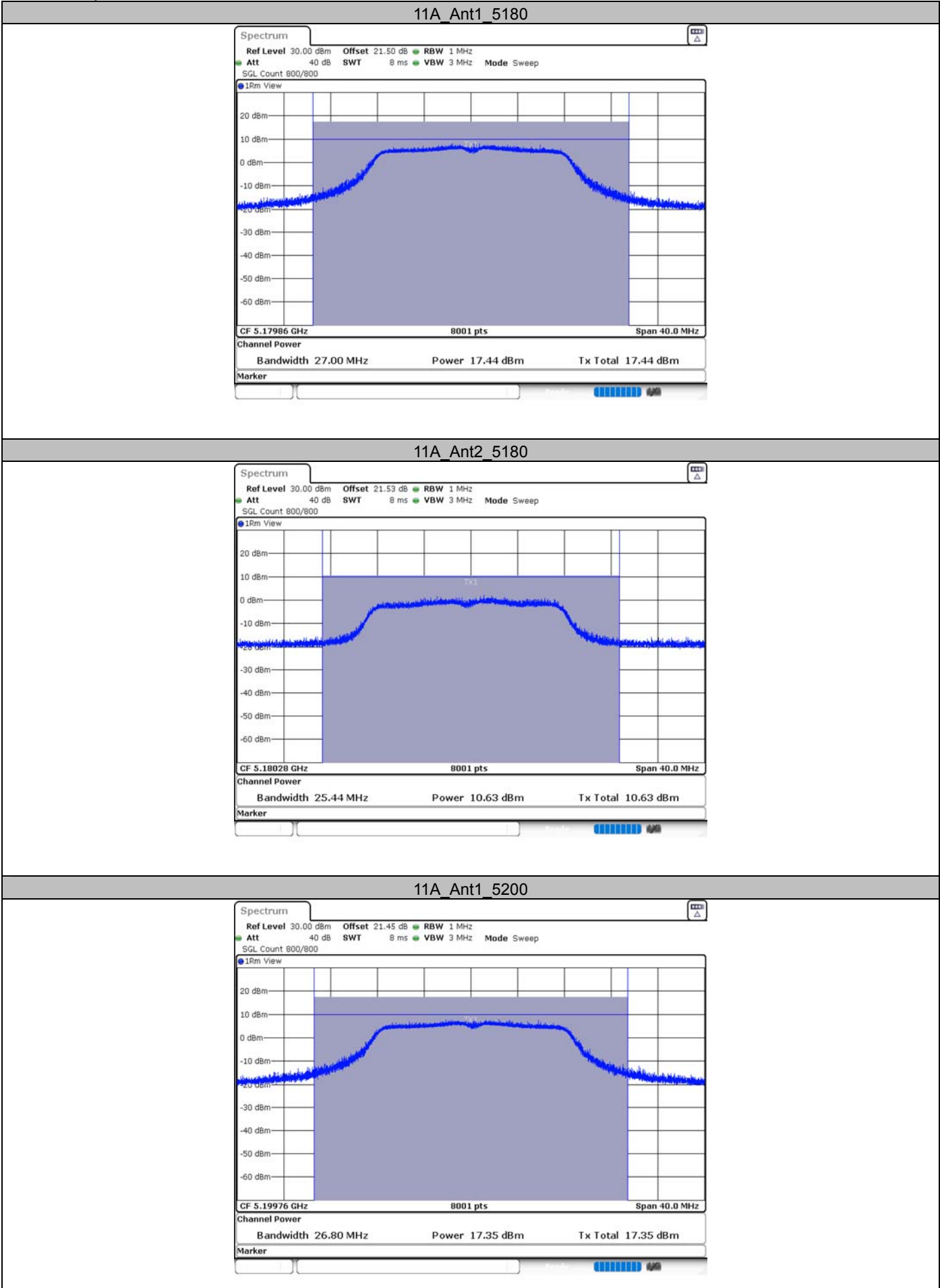
Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	16.77	85.80	0.67	17.44	≤23.98	PASS
	Ant2	5180	9.99	86.34	0.64	10.63	≤23.98	PASS
	Ant1	5200	16.68	85.80	0.67	17.35	≤23.98	PASS
	Ant2	5200	10.34	86.34	0.64	10.98	≤23.98	PASS
	Ant1	5240	16.38	86.34	0.64	17.02	≤23.98	PASS
	Ant2	5240	8.85	85.80	0.67	9.52	≤23.98	PASS
	Ant1	5745	16.08	86.34	0.64	16.72	≤30.00	PASS
	Ant2	5745	16.21	86.42	0.63	16.84	≤30.00	PASS
	Ant1	5785	15.49	85.80	0.67	16.16	≤30.00	PASS
	Ant2	5785	16.24	85.37	0.69	16.93	≤30.00	PASS
	Ant1	5825	15.26	85.80	0.67	15.93	≤30.00	PASS
	Ant2	5825	17.75	86.42	0.63	18.38	≤30.00	PASS
11N20MIMO	Ant1	5180	16.41	85.53	0.68	17.09	≤23.98	PASS
	Ant2	5180	9.35	85.53	0.68	10.03	≤23.98	PASS
	total	5180	---	---	---	17.87	≤23.98	PASS
	Ant1	5200	16.18	85.53	0.68	16.86	≤23.98	PASS
	Ant2	5200	9.69	84.97	0.71	10.40	≤23.98	PASS
	total	5200	---	---	---	17.74	≤23.98	PASS
	Ant1	5240	15.88	85.53	0.68	16.56	≤23.98	PASS
	Ant2	5240	7.79	85.53	0.68	8.47	≤23.98	PASS
	total	5240	---	---	---	17.19	≤23.98	PASS
	Ant1	5745	15.17	85.53	0.68	15.85	≤30.00	PASS
	Ant2	5745	14.91	84.97	0.71	15.62	≤30.00	PASS
	total	5745	---	---	---	18.75	≤30.00	PASS
	Ant1	5785	14.14	85.53	0.68	14.82	≤30.00	PASS
	Ant2	5785	14.80	84.97	0.71	15.51	≤30.00	PASS
	total	5785	---	---	---	18.19	≤30.00	PASS
	Ant1	5825	12.82	85.53	0.68	13.50	≤30.00	PASS
	Ant2	5825	15.71	84.97	0.71	16.42	≤30.00	PASS
	total	5825	---	---	---	18.21	≤30.00	PASS
11N40MIMO	Ant1	5190	15.47	73.86	1.32	16.79	≤23.98	PASS
	Ant2	5190	8.11	73.56	1.33	9.44	≤23.98	PASS
	total	5190	---	---	---	17.52	≤23.98	PASS
	Ant1	5230	15.33	73.86	1.32	16.65	≤23.98	PASS
	Ant2	5230	7.97	73.86	1.32	9.29	≤23.98	PASS
	total	5230	---	---	---	17.38	≤23.98	PASS
	Ant1	5755	14.78	73.03	1.36	16.14	≤30.00	PASS
	Ant2	5755	13.76	74.71	1.27	15.03	≤30.00	PASS
	total	5755	---	---	---	18.63	≤30.00	PASS
	Ant1	5795	14.17	73.56	1.33	15.50	≤30.00	PASS
	Ant2	5795	14.99	73.86	1.32	16.31	≤30.00	PASS
	total	5795	---	---	---	18.93	≤30.00	PASS
11AC20MIMO	Ant1	5180	15.00	74.73	1.27	16.27	≤23.98	PASS
	Ant2	5180	7.92	74.73	1.27	9.19	≤23.98	PASS
	total	5180	---	---	---	17.05	≤23.98	PASS
	Ant1	5200	15.17	74.73	1.27	16.44	≤23.98	PASS
	Ant2	5200	8.76	75.56	1.22	9.98	≤23.98	PASS
	total	5200	---	---	---	17.32	≤23.98	PASS
	Ant1	5240	14.24	75.56	1.22	15.46	≤23.98	PASS
	Ant2	5240	9.00	75.56	1.22	10.22	≤23.98	PASS
	total	5240	---	---	---	16.60	≤23.98	PASS
	Ant1	5745	14.12	74.73	1.27	15.39	≤30.00	PASS
	Ant2	5745	13.38	75.56	1.22	14.60	≤30.00	PASS

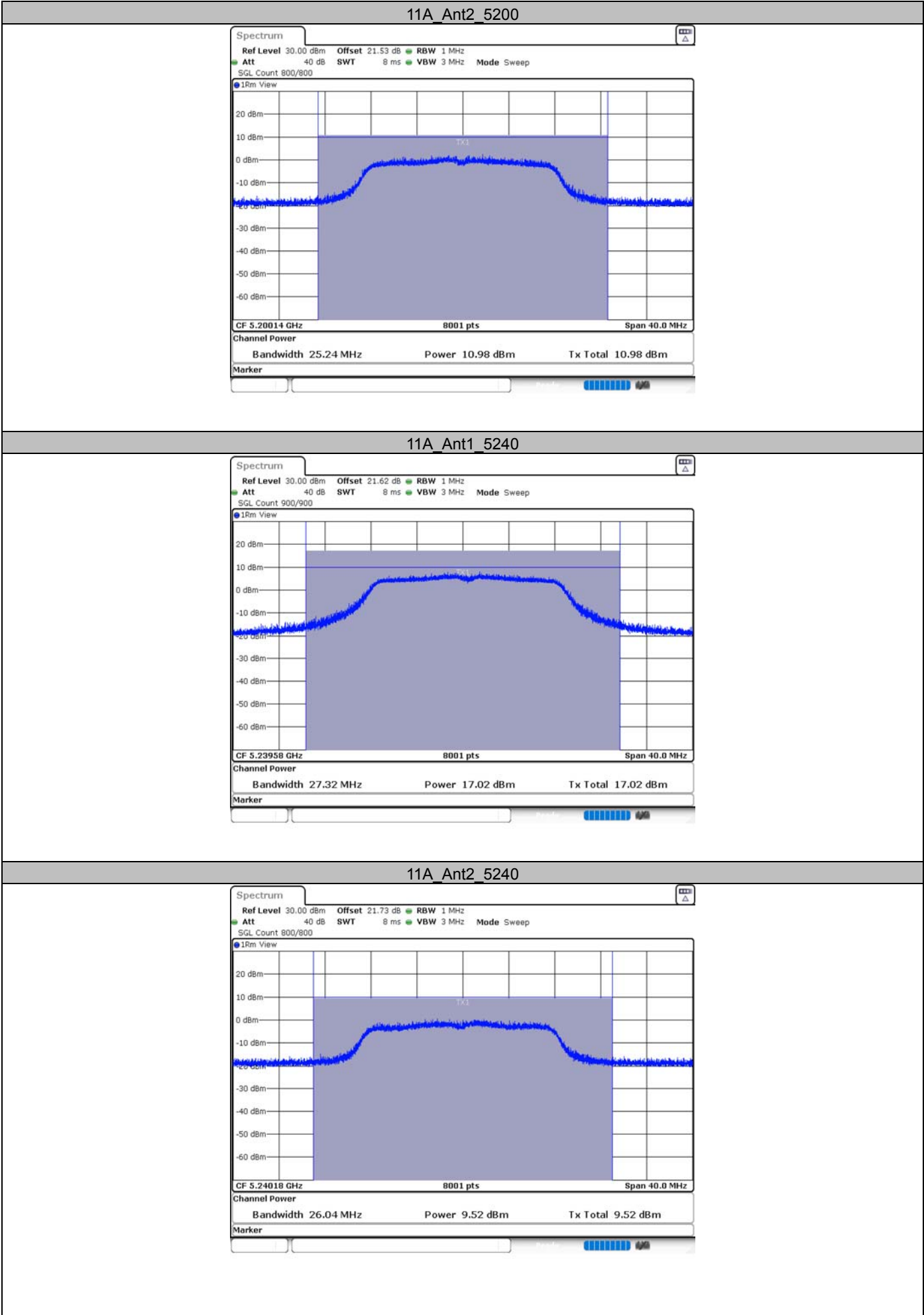
	total	5745	---	---	---	18.02	≤30.00	PASS
	Ant1	5785	13.40	74.73	1.27	14.67	≤30.00	PASS
	Ant2	5785	13.28	74.73	1.27	14.55	≤30.00	PASS
	total	5785	---	---	---	17.62	≤30.00	PASS
	Ant1	5825	13.05	75.56	1.22	14.27	≤30.00	PASS
	Ant2	5825	15.27	75.56	1.22	16.49	≤30.00	PASS
	total	5825	---	---	---	18.53	≤30.00	PASS
11AC40MIMO	Ant1	5190	14.45	60.34	2.19	16.64	≤23.98	PASS
	Ant2	5190	6.97	60.34	2.19	9.16	≤23.98	PASS
	total	5190	---	---	---	17.35	≤23.98	PASS
	Ant1	5230	14.33	54.69	2.62	16.95	≤23.98	PASS
	Ant2	5230	7.51	60.34	2.19	9.70	≤23.98	PASS
	total	5230	---	---	---	17.70	≤23.98	PASS
	Ant1	5755	13.29	60.34	2.19	15.48	≤30.00	PASS
	Ant2	5755	12.62	59.32	2.27	14.89	≤30.00	PASS
	total	5755	---	---	---	18.21	≤30.00	PASS
	Ant1	5795	13.07	61.40	2.12	15.19	≤30.00	PASS
	Ant2	5795	13.26	60.34	2.19	15.45	≤30.00	PASS
	total	5795	---	---	---	18.33	≤30.00	PASS
11AC80MIMO	Ant1	5210	12.13	43.90	3.58	15.71	≤23.98	PASS
	Ant2	5210	7.64	100.00	0.00	7.64	≤23.98	PASS
	total	5210	---	---	---	16.34	≤23.98	PASS
	Ant1	5775	12.21	45.24	3.44	15.65	≤30.00	PASS
	Ant2	5775	11.35	43.90	3.58	14.93	≤30.00	PASS
	total	5775	---	---	---	18.32	≤30.00	PASS
11AX20MIMO	Ant1	5180	13.41	50.00	3.01	16.42	≤20.87	PASS
	Ant2	5180	6.61	50.00	3.01	9.62	≤23.98	PASS
	total	5180	---	---	---	17.24	≤23.98	PASS
	Ant1	5200	13.06	50.00	3.01	16.07	≤23.98	PASS
	Ant2	5200	6.28	50.00	3.01	9.29	≤23.98	PASS
	total	5200	---	---	---	16.90	≤23.98	PASS
	Ant1	5240	13.03	50.00	3.01	16.04	≤23.98	PASS
	Ant2	5240	7.76	50.00	3.01	10.77	≤23.98	PASS
	total	5240	---	---	---	17.17	≤23.98	PASS
	Ant1	5745	11.68	50.00	3.01	14.69	≤30.00	PASS
	Ant2	5745	10.99	50.00	3.01	14.00	≤30.00	PASS
	total	5745	---	---	---	17.37	≤30.00	PASS
	Ant1	5785	10.73	50.00	3.01	13.74	≤30.00	PASS
	Ant2	5785	11.50	50.00	3.01	14.51	≤30.00	PASS
	total	5785	---	---	---	17.15	≤30.00	PASS
	Ant1	5825	10.71	50.00	3.01	13.72	≤30.00	PASS
	Ant2	5825	11.81	50.00	3.01	14.82	≤30.00	PASS
	total	5825	---	---	---	17.32	≤30.00	PASS
11AX40MIMO	Ant1	5190	12.88	58.18	2.35	15.23	≤23.98	PASS
	Ant2	5190	6.91	58.18	2.35	9.26	≤23.98	PASS
	total	5190	---	---	---	16.21	≤23.98	PASS
	Ant1	5230	12.58	59.26	2.27	14.85	≤23.98	PASS
	Ant2	5230	8.50	57.14	2.43	10.93	≤23.98	PASS
	total	5230	---	---	---	16.33	≤23.98	PASS
	Ant1	5755	11.73	59.26	2.27	14.00	≤30.00	PASS
	Ant2	5755	11.72	58.18	2.35	14.07	≤30.00	PASS
	total	5755	---	---	---	17.05	≤30.00	PASS
	Ant1	5795	11.05	58.18	2.35	13.40	≤30.00	PASS
	Ant2	5795	12.01	58.18	2.35	14.36	≤30.00	PASS
	total	5795	---	---	---	16.92	≤30.00	PASS
11AX80MIMO	Ant1	5210	12.79	45.24	3.44	16.23	≤23.98	PASS
	Ant2	5210	7.03	45.24	3.44	10.47	≤23.98	PASS
	total	5210	---	---	---	17.25	≤23.98	PASS
	Ant1	5775	11.33	45.24	3.44	14.77	≤30.00	PASS

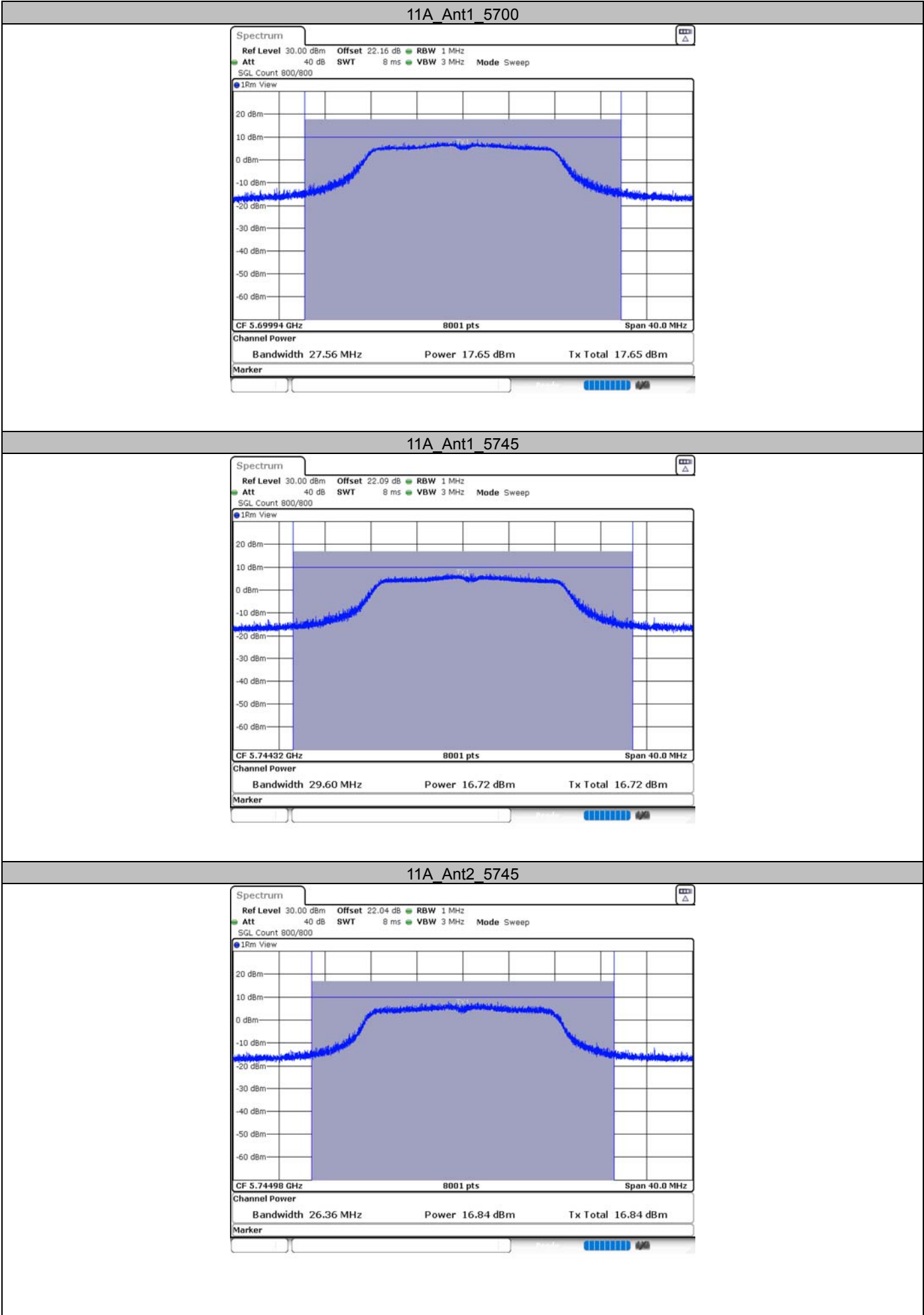
	Ant2	5775	11.52	45.24	3.44	14.96	≤30.00	PASS
	total	5775	---	---	---	17.88	≤30.00	PASS

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

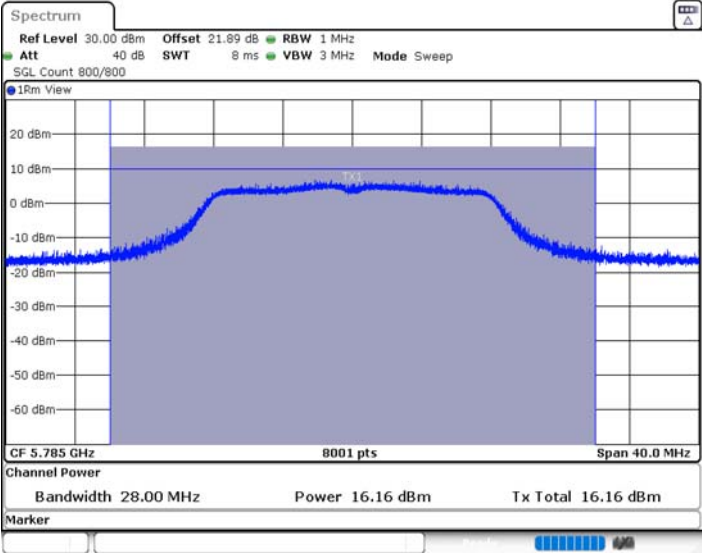
Test Graphs Channel Power



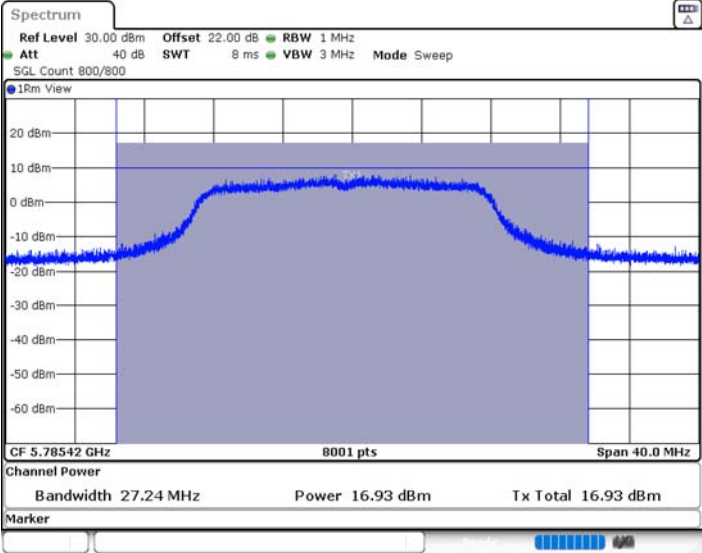




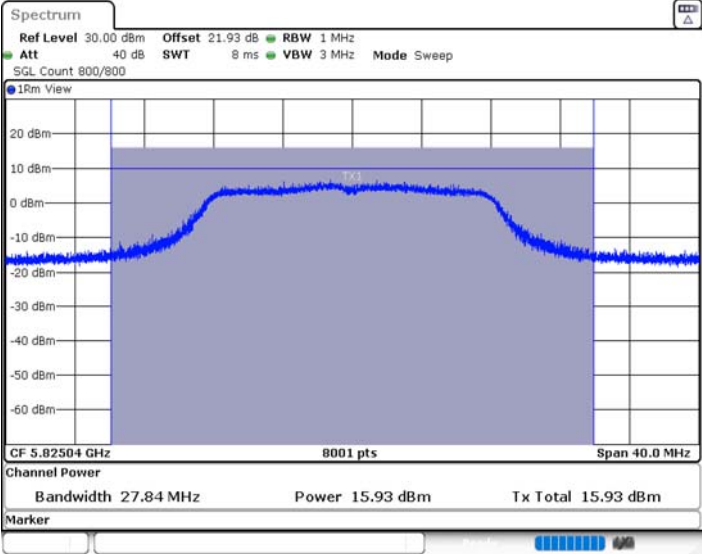
11A_Ant1_5785

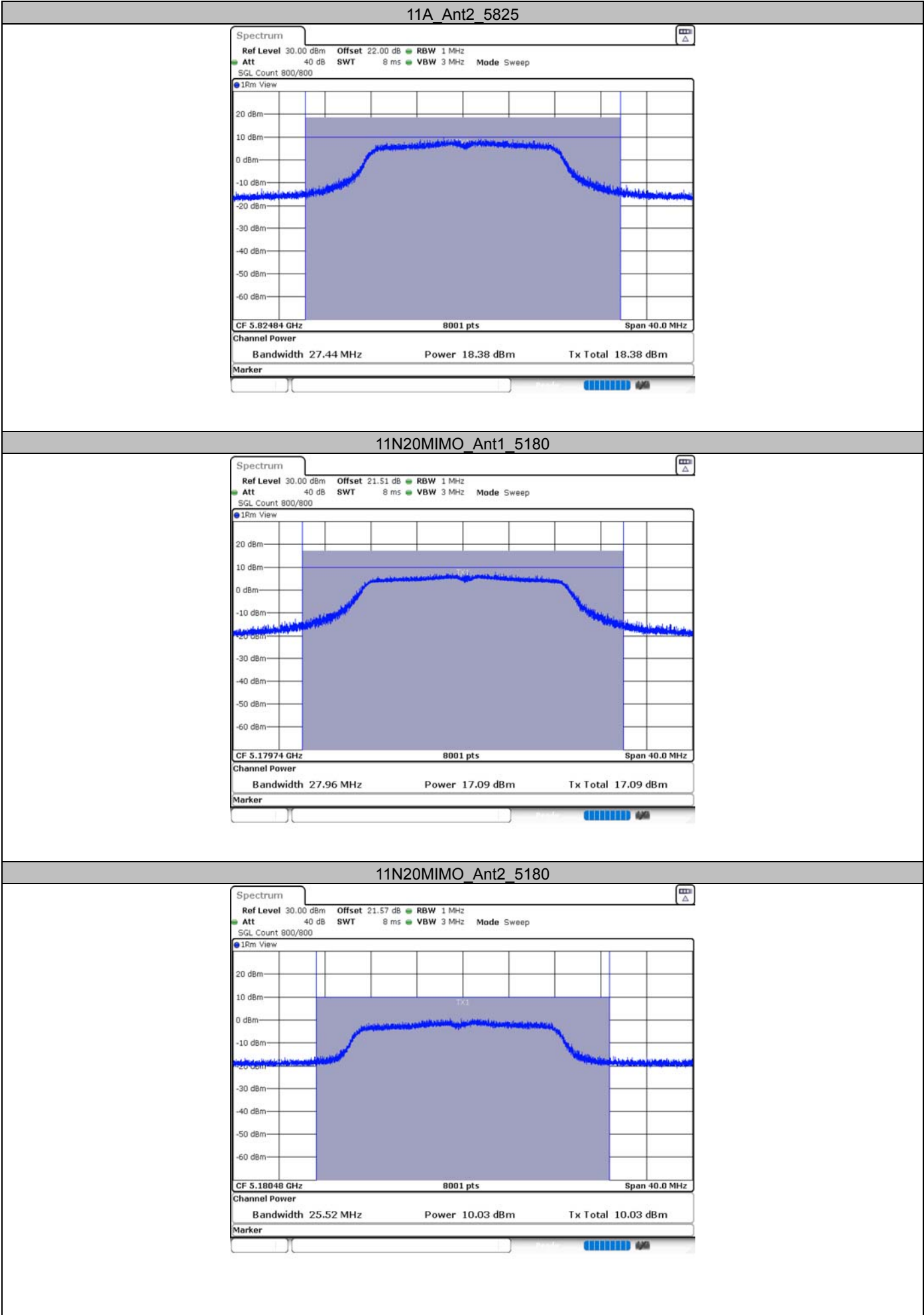


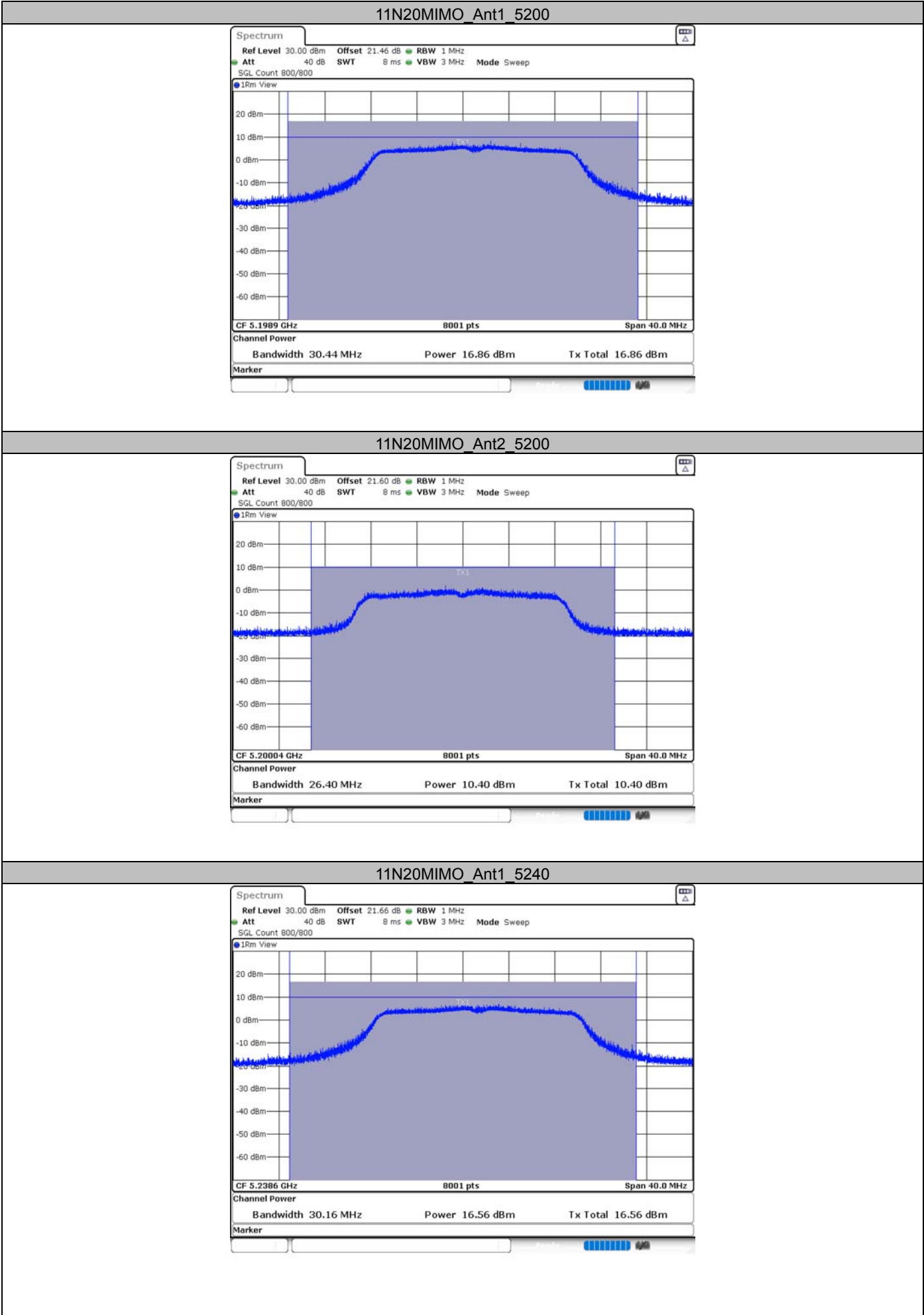
11A_Ant2_5785

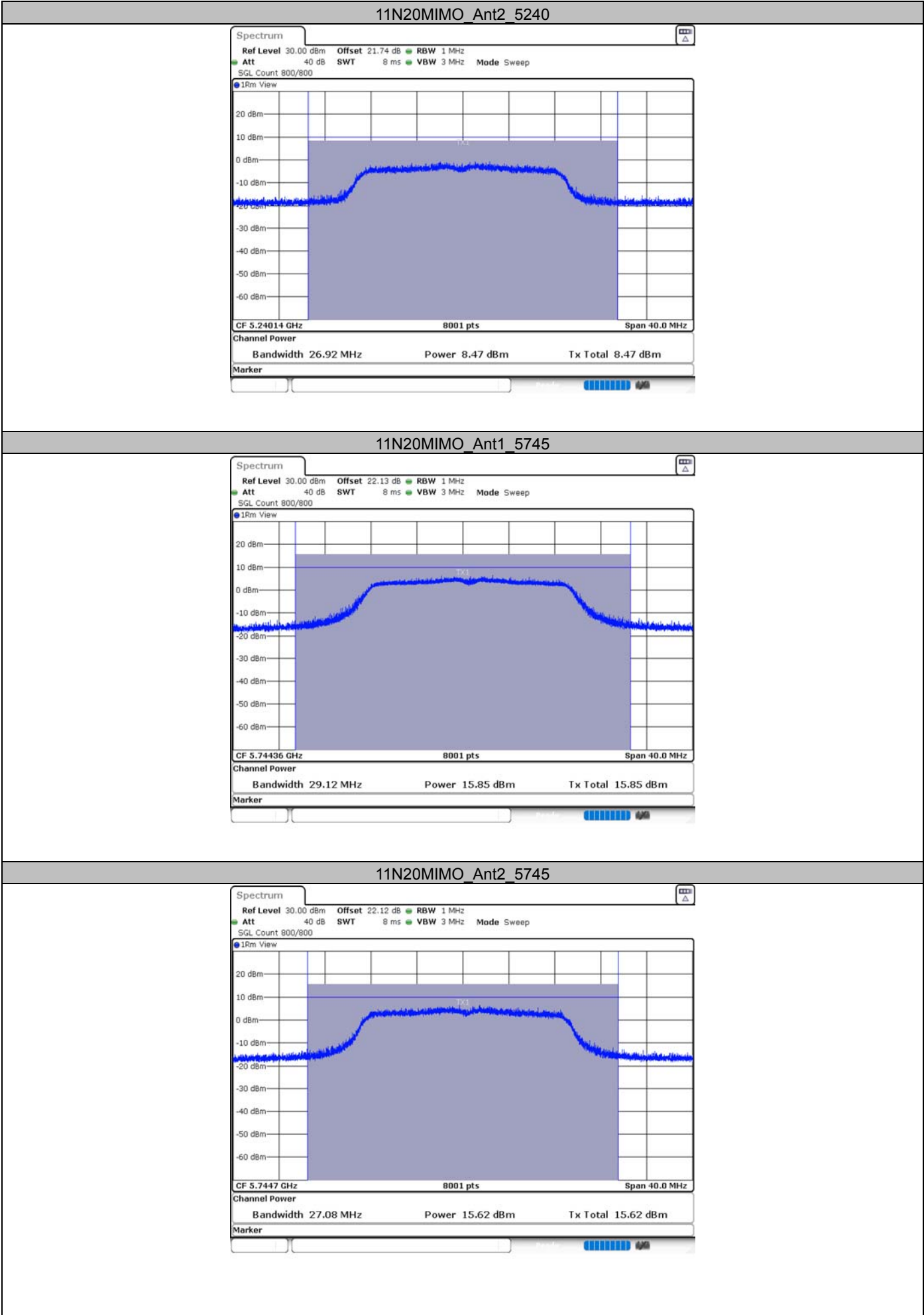


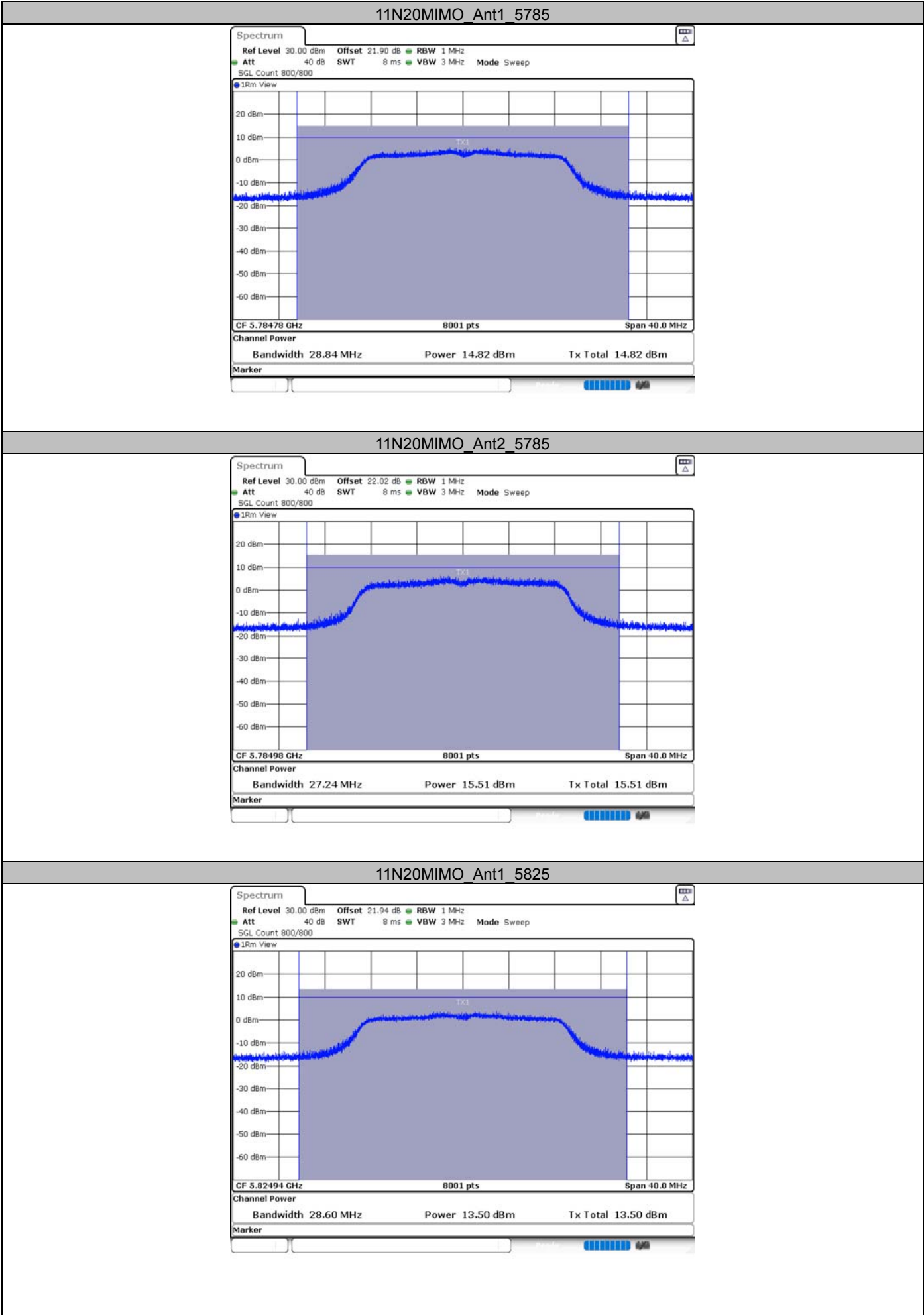
11A_Ant1_5825

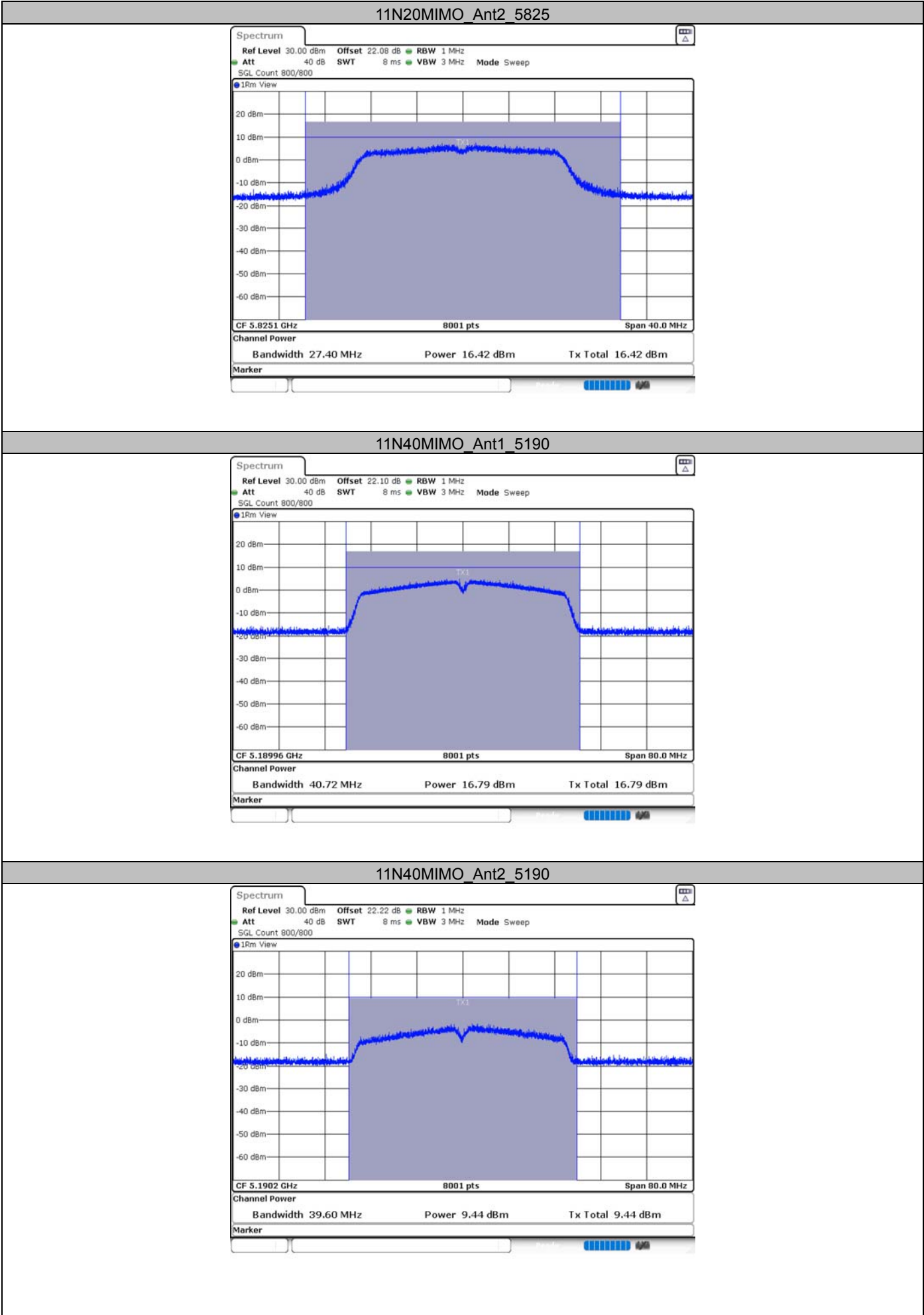


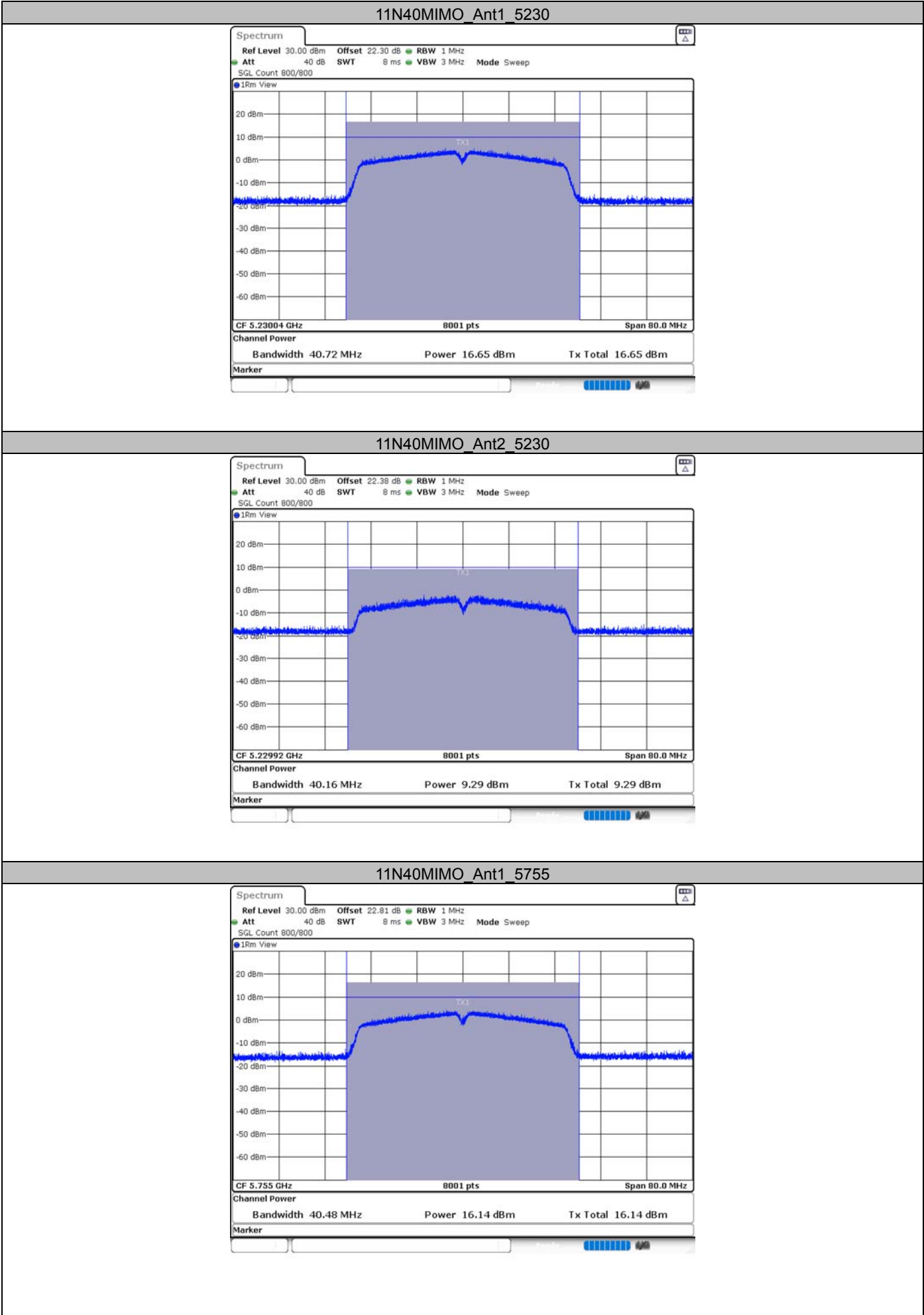


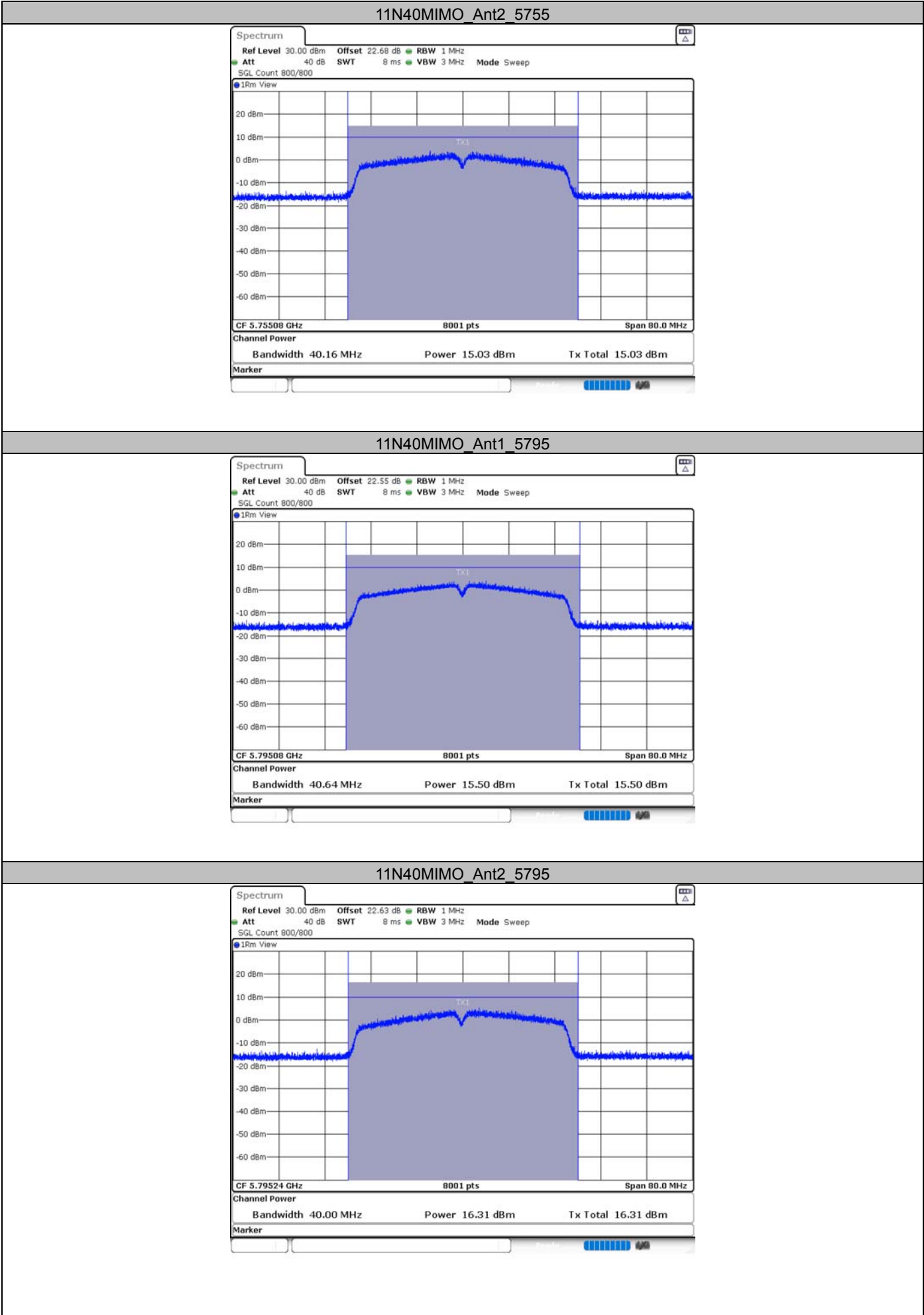


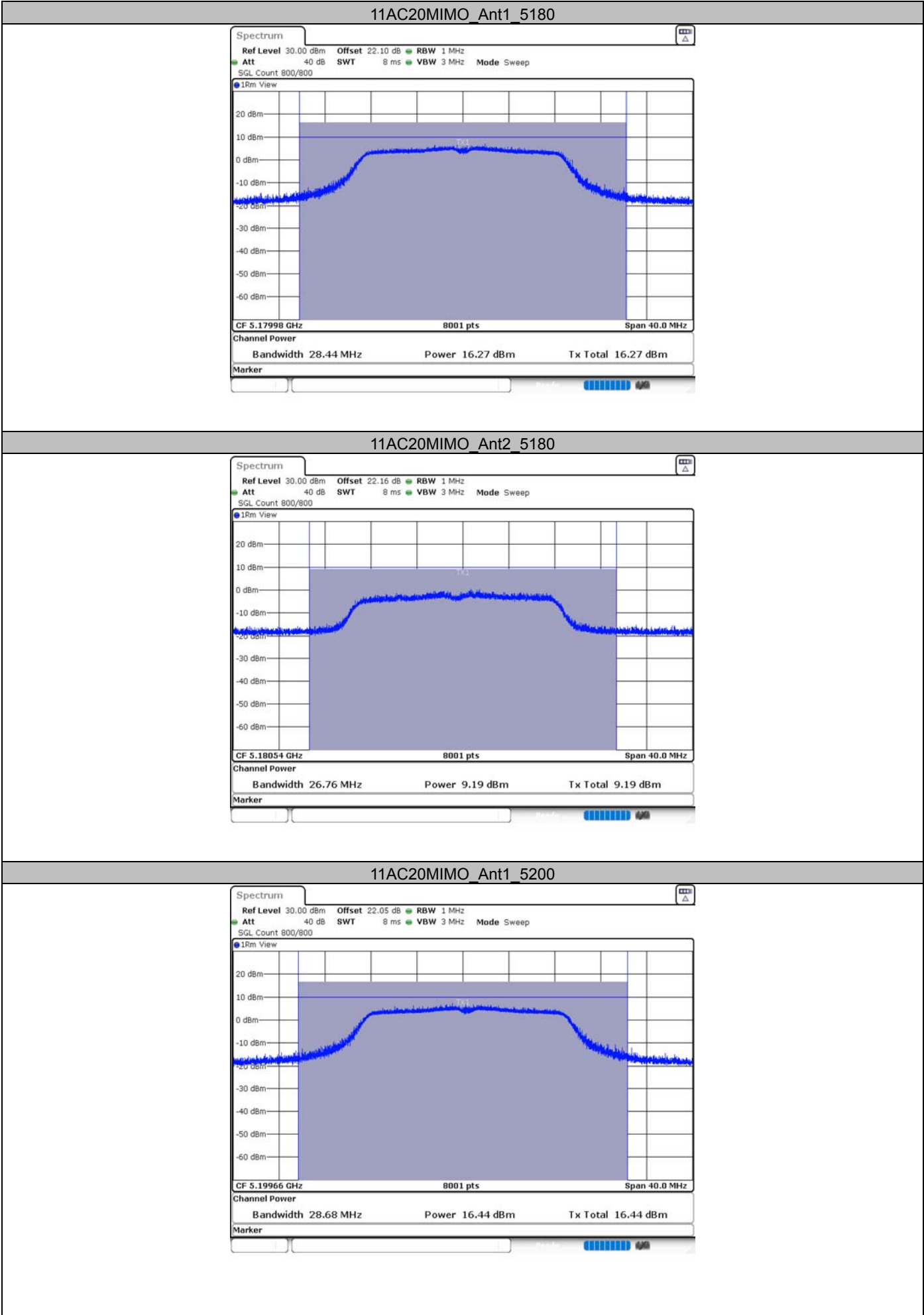


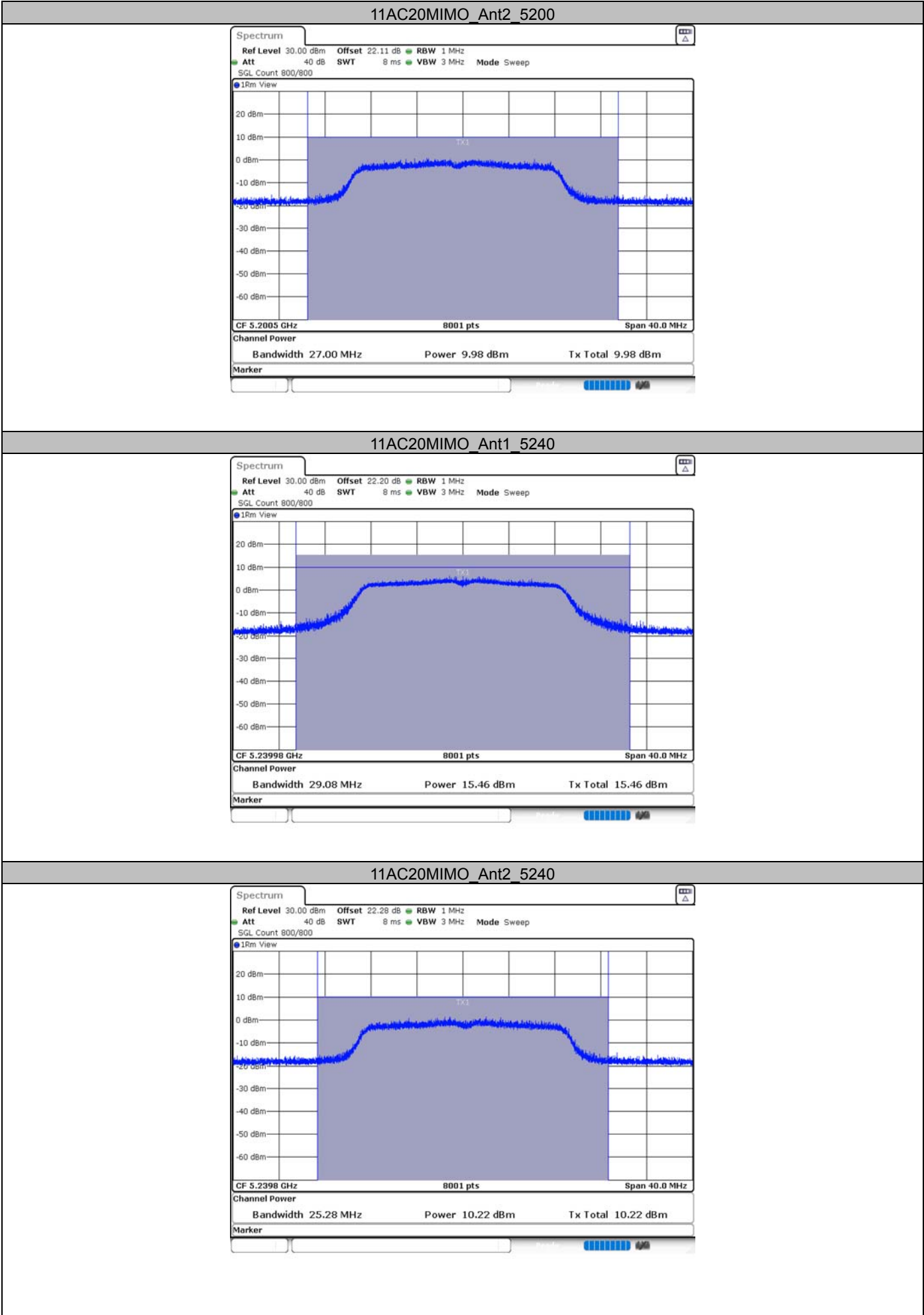


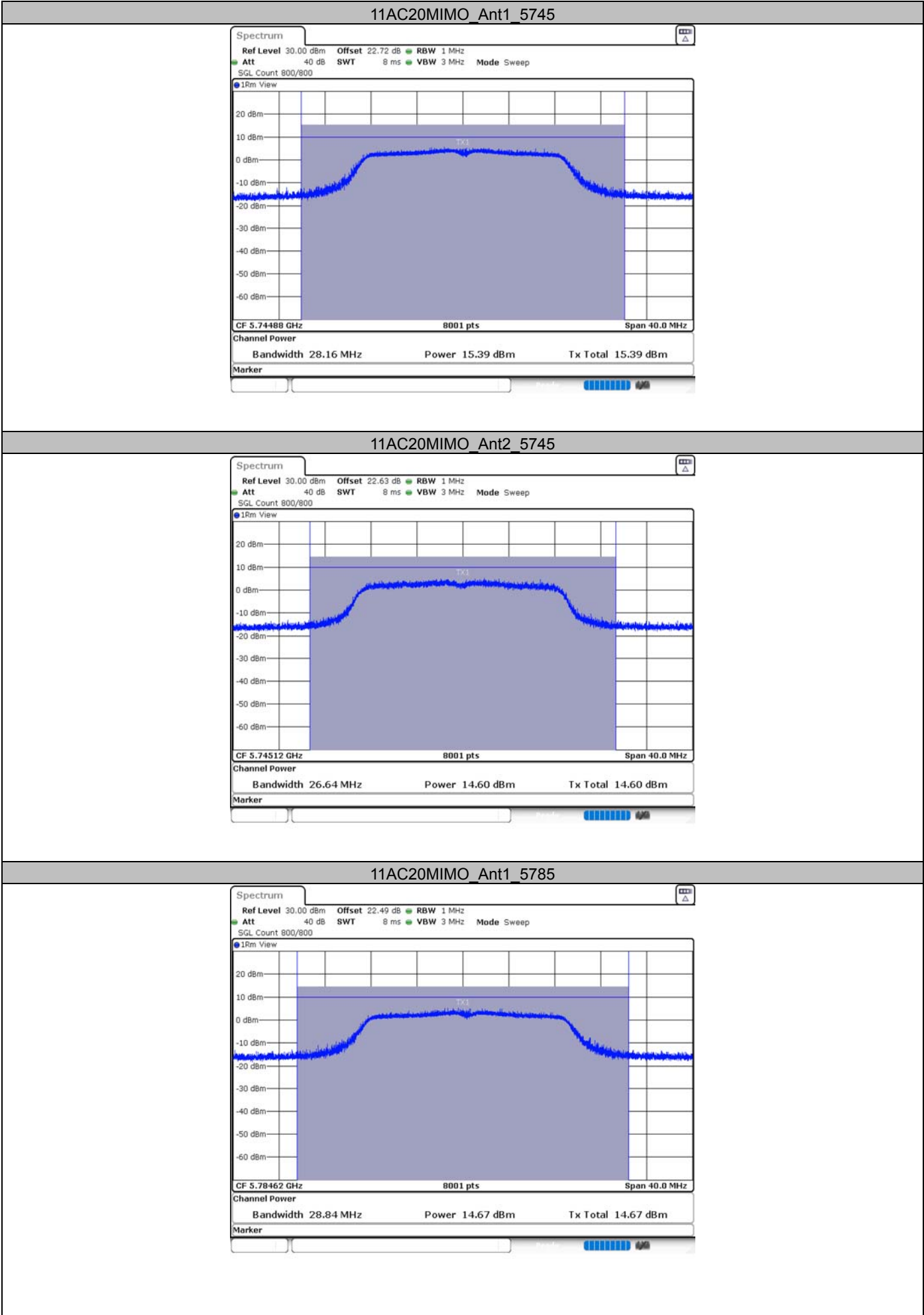


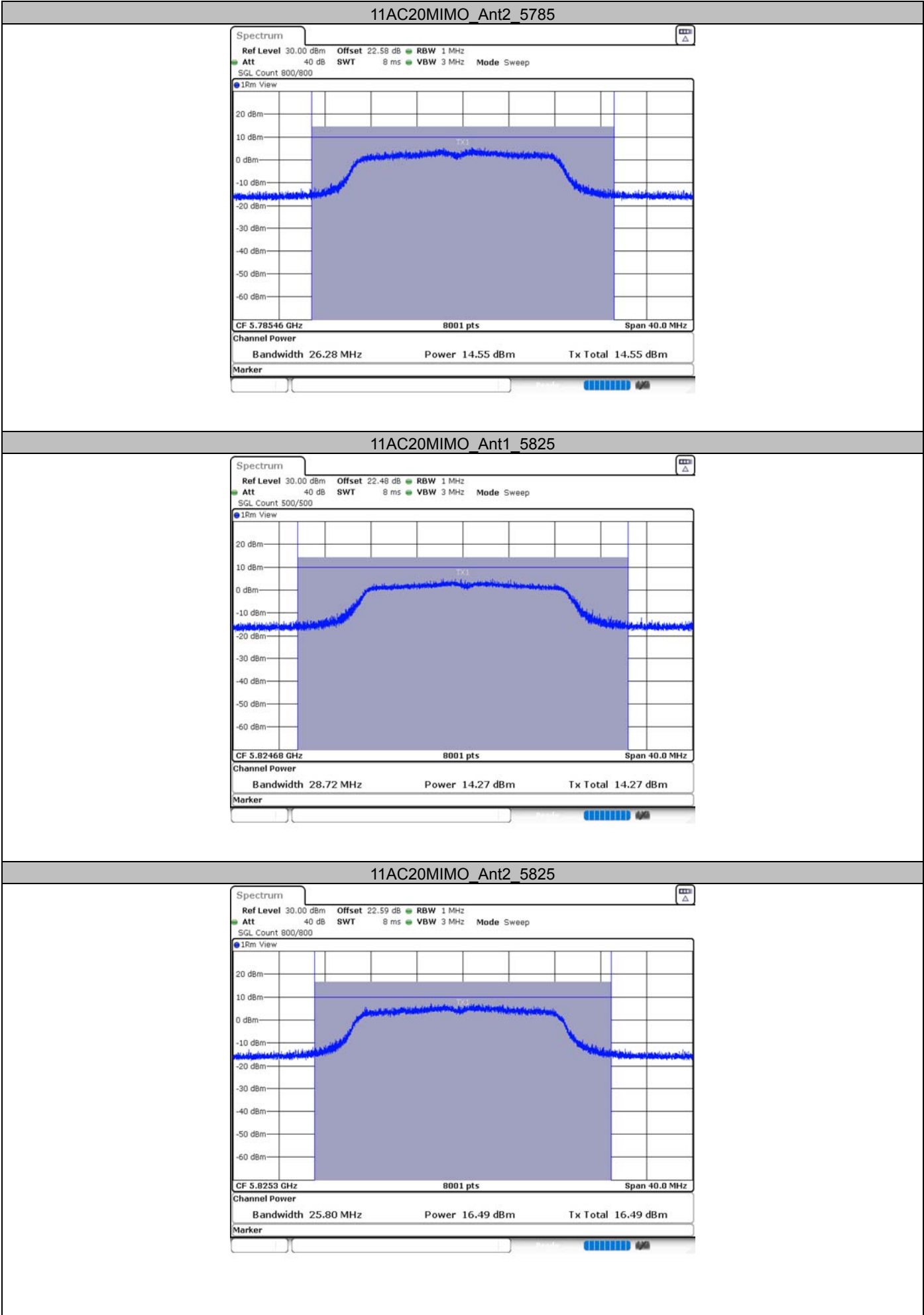


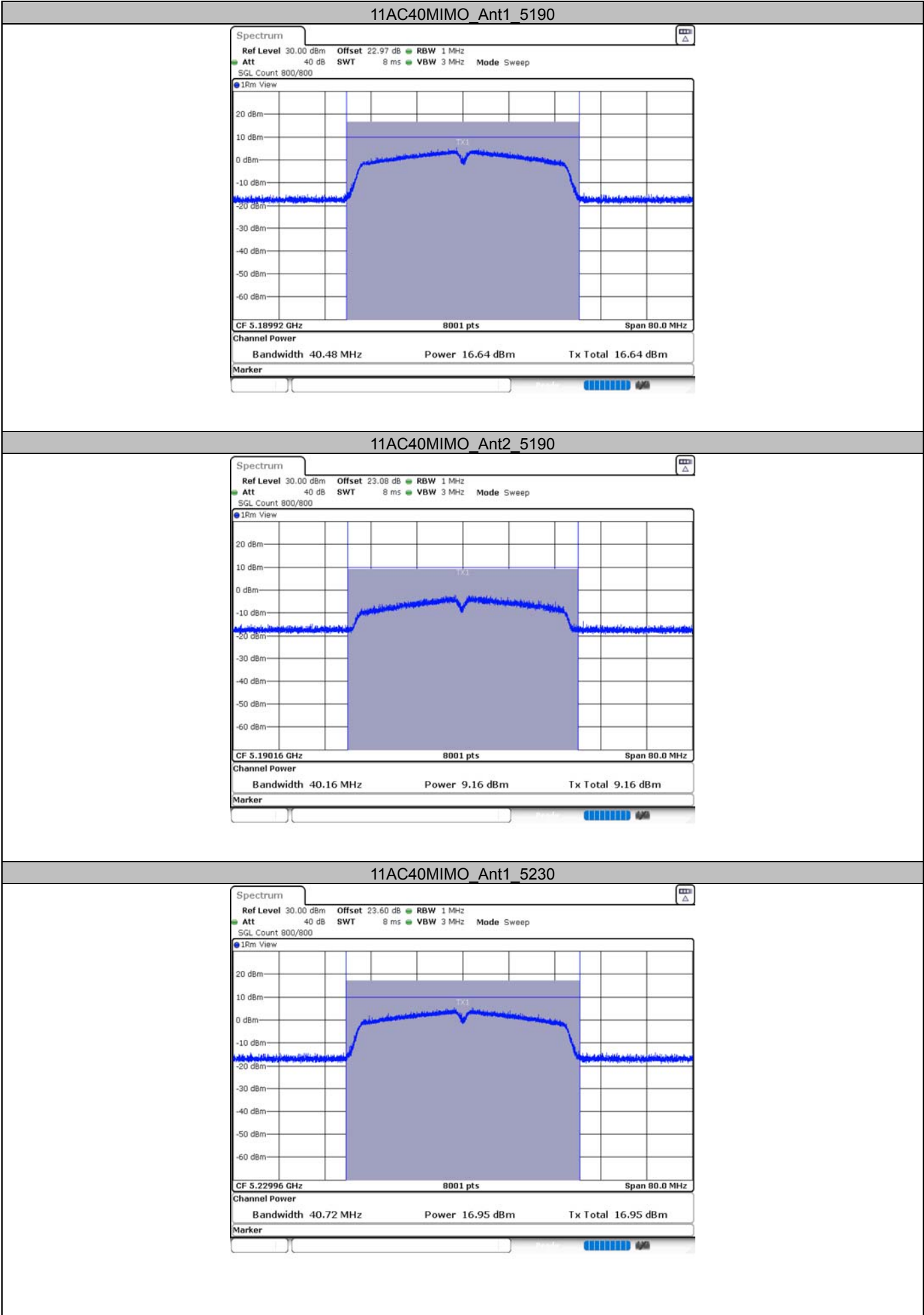


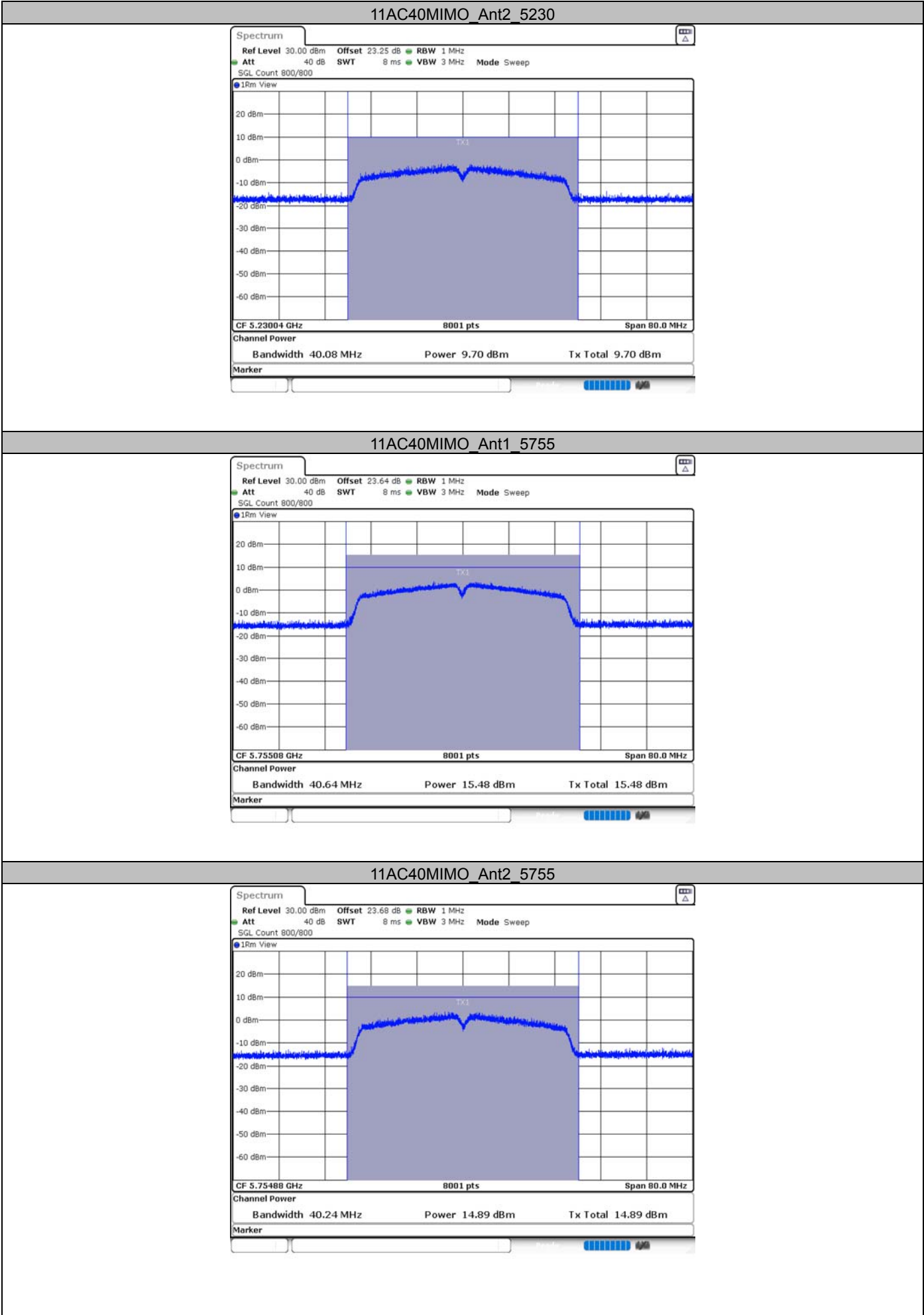




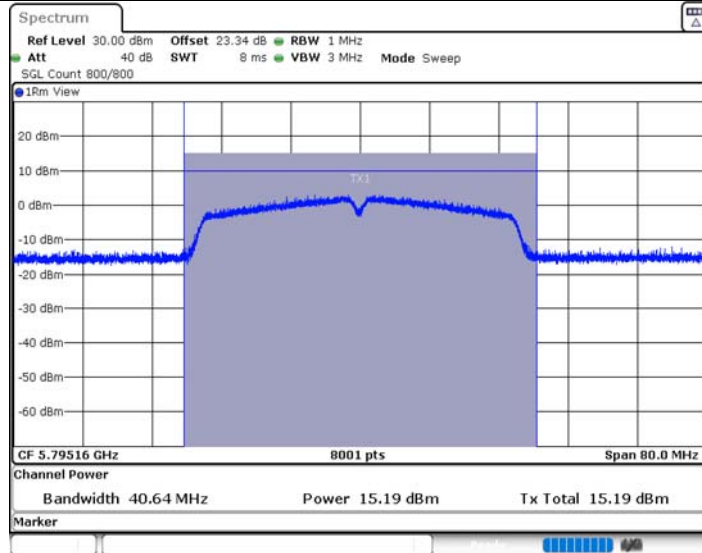




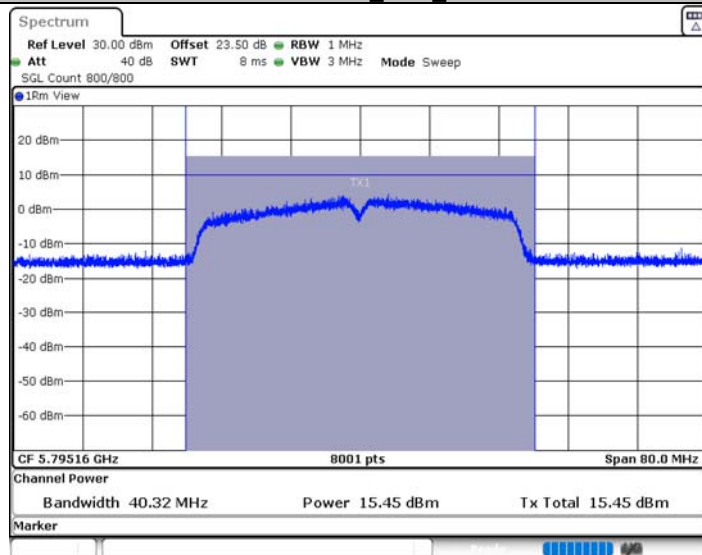




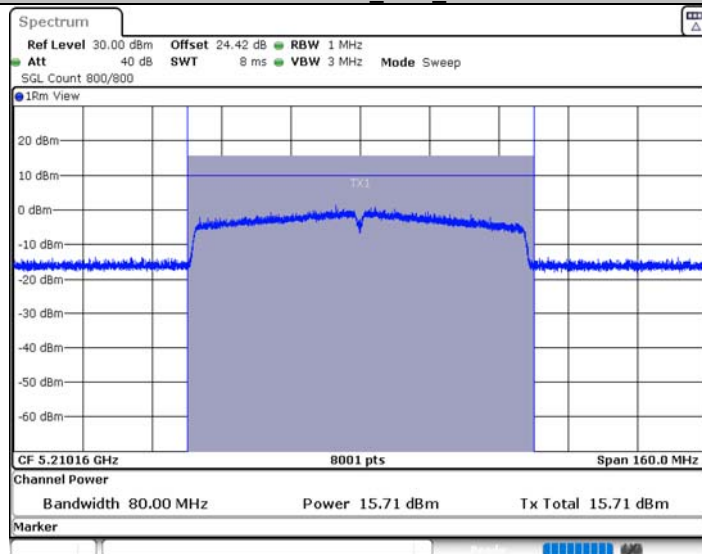
11AC40MIMO_Ant1_5795

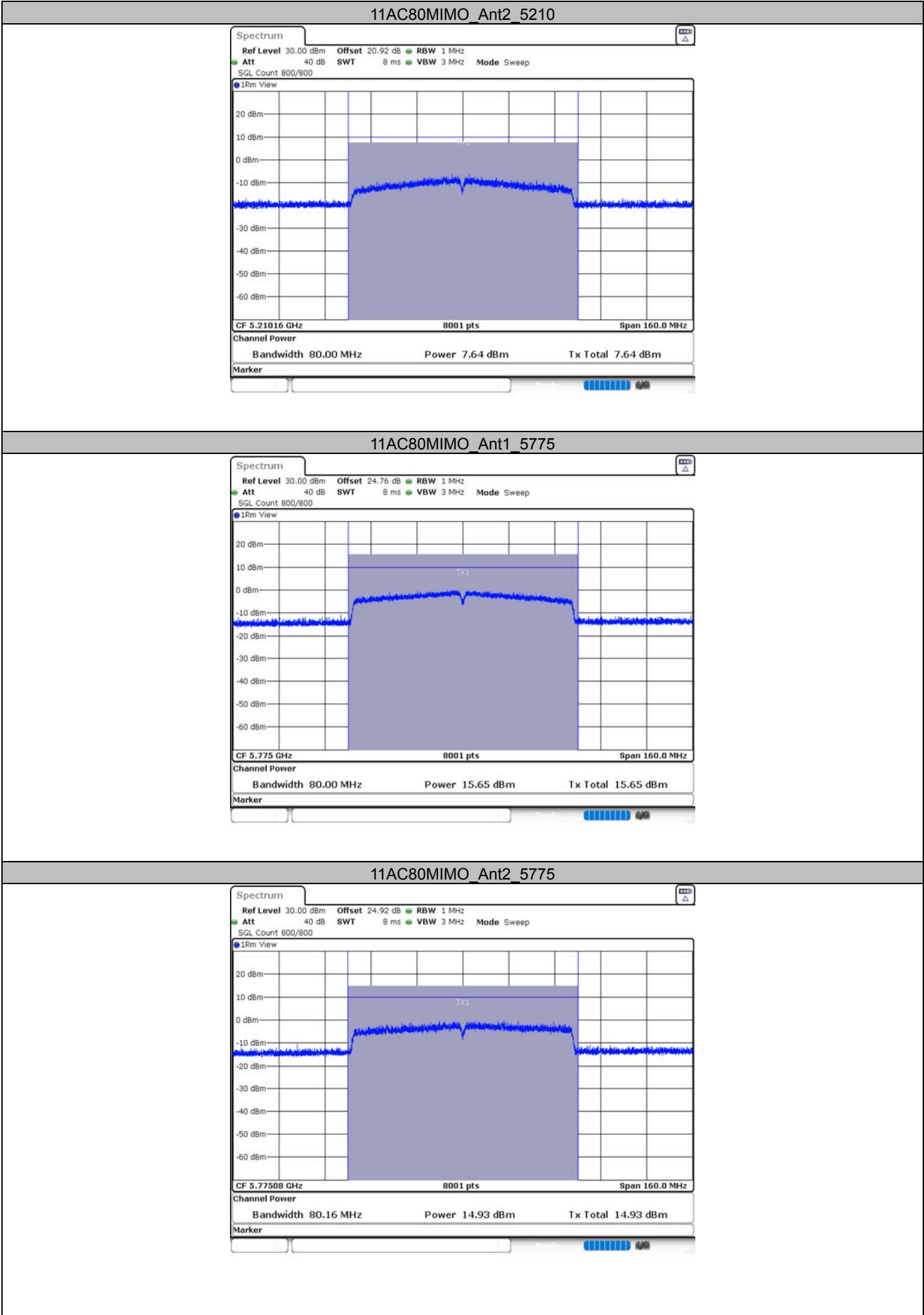


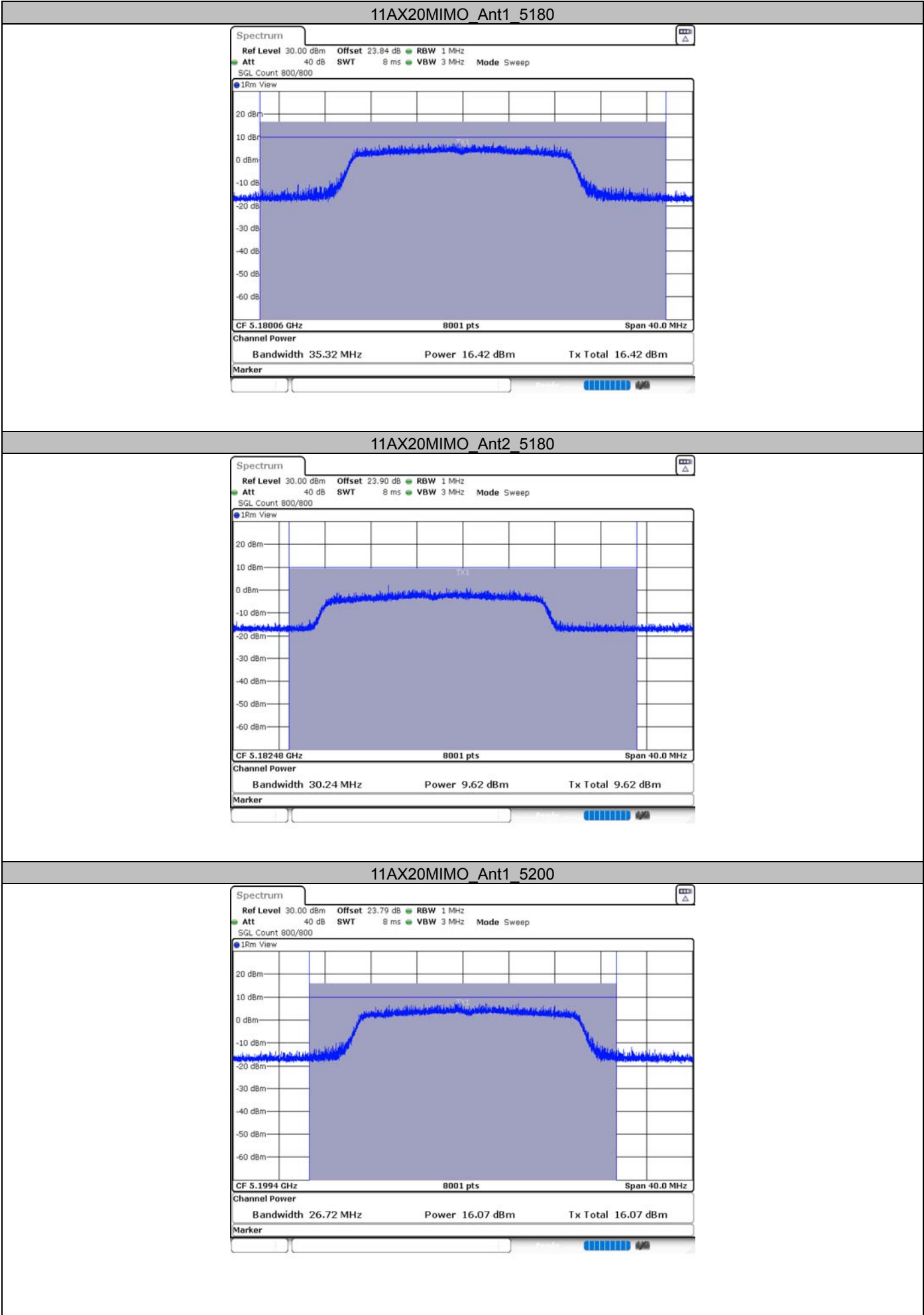
11AC40MIMO_Ant2_5795

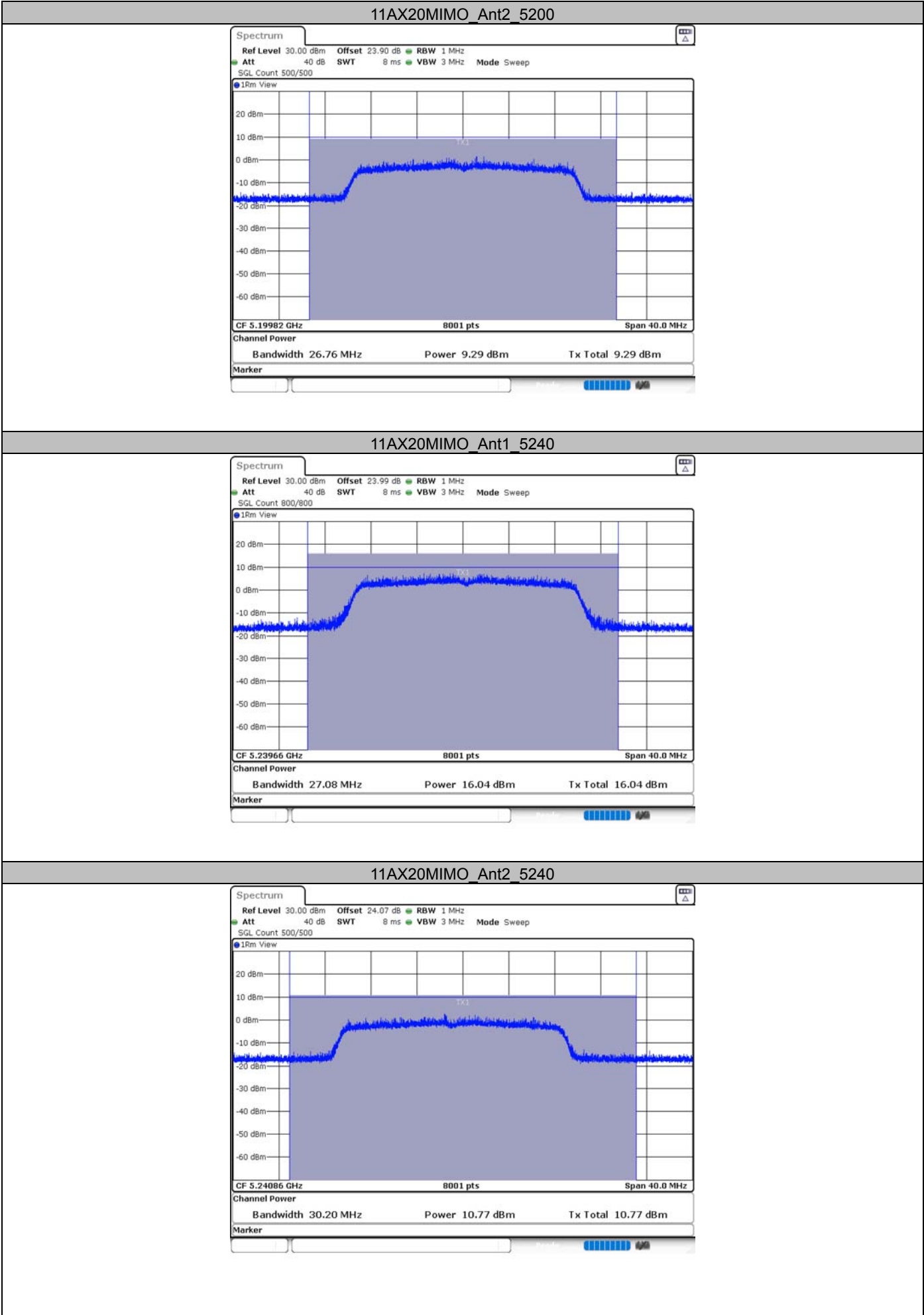


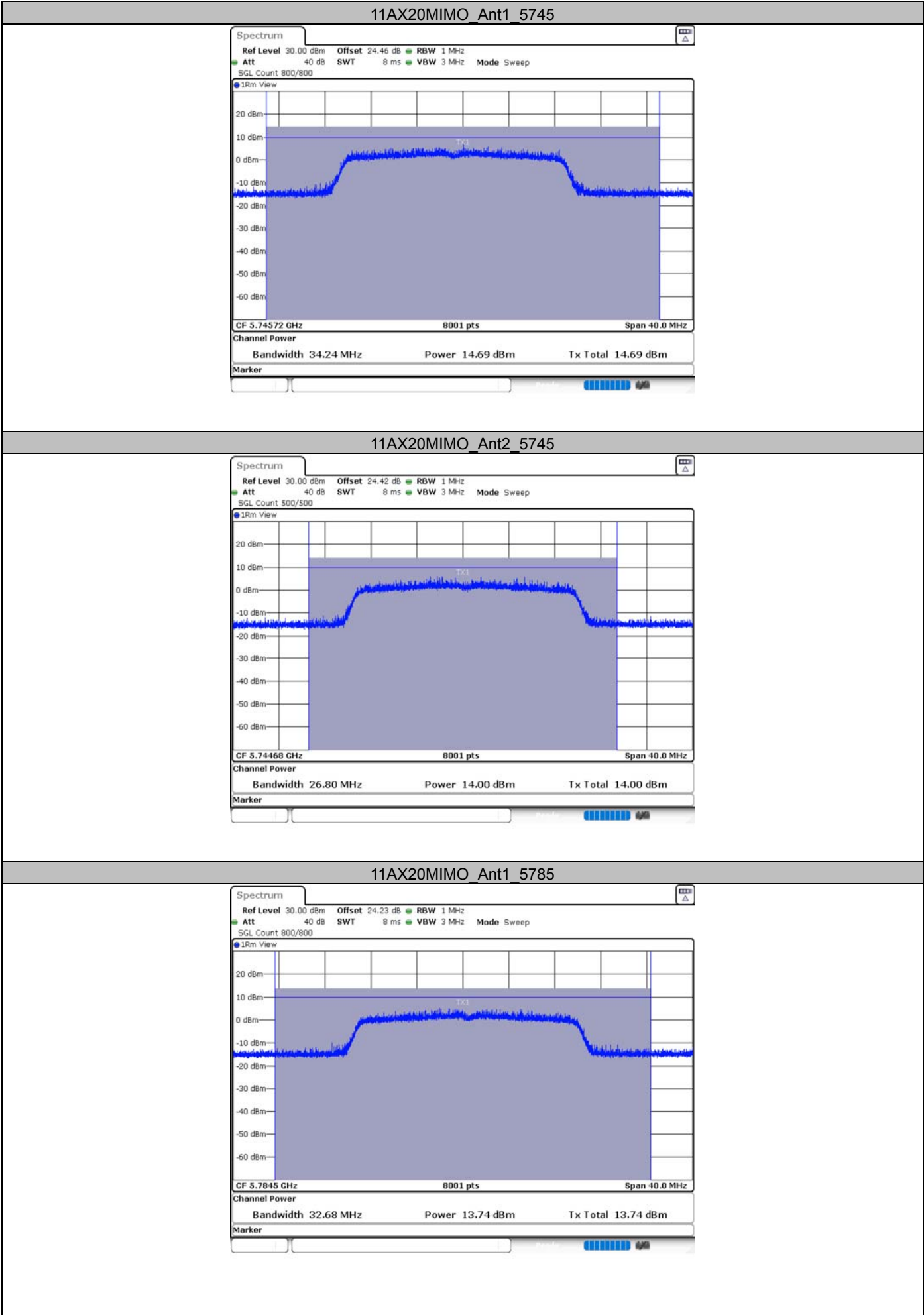
11AC80MIMO_Ant1_5210

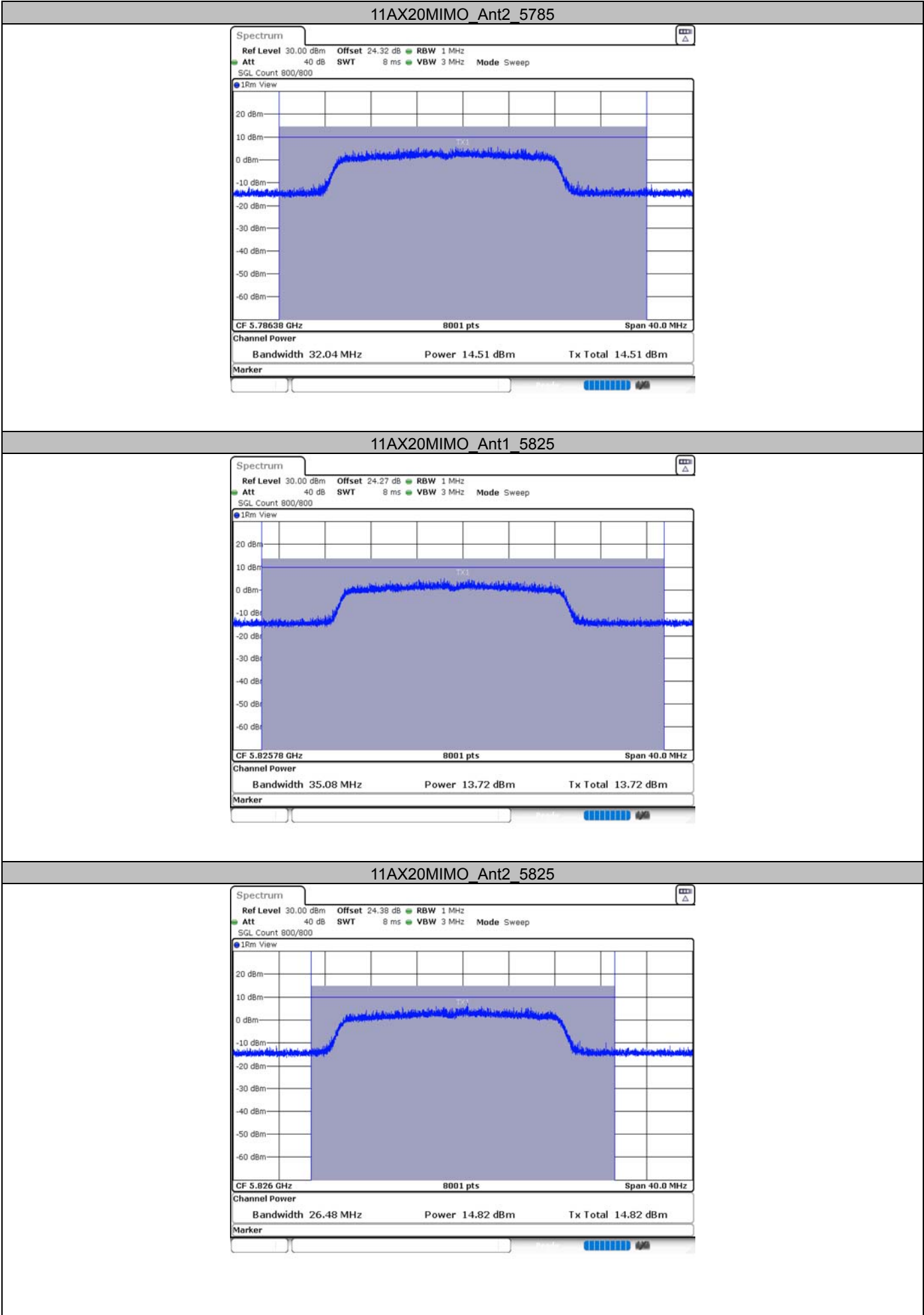


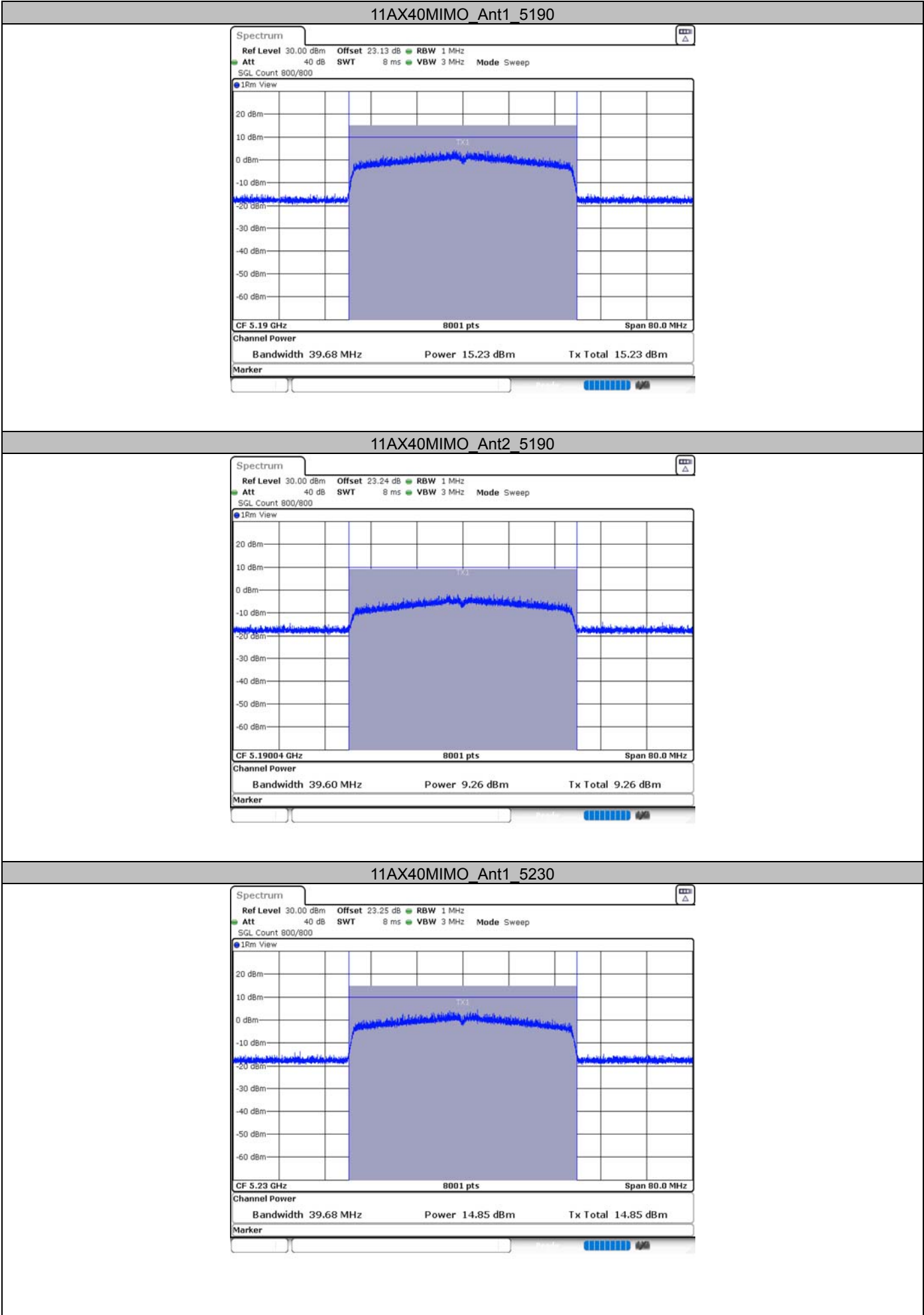


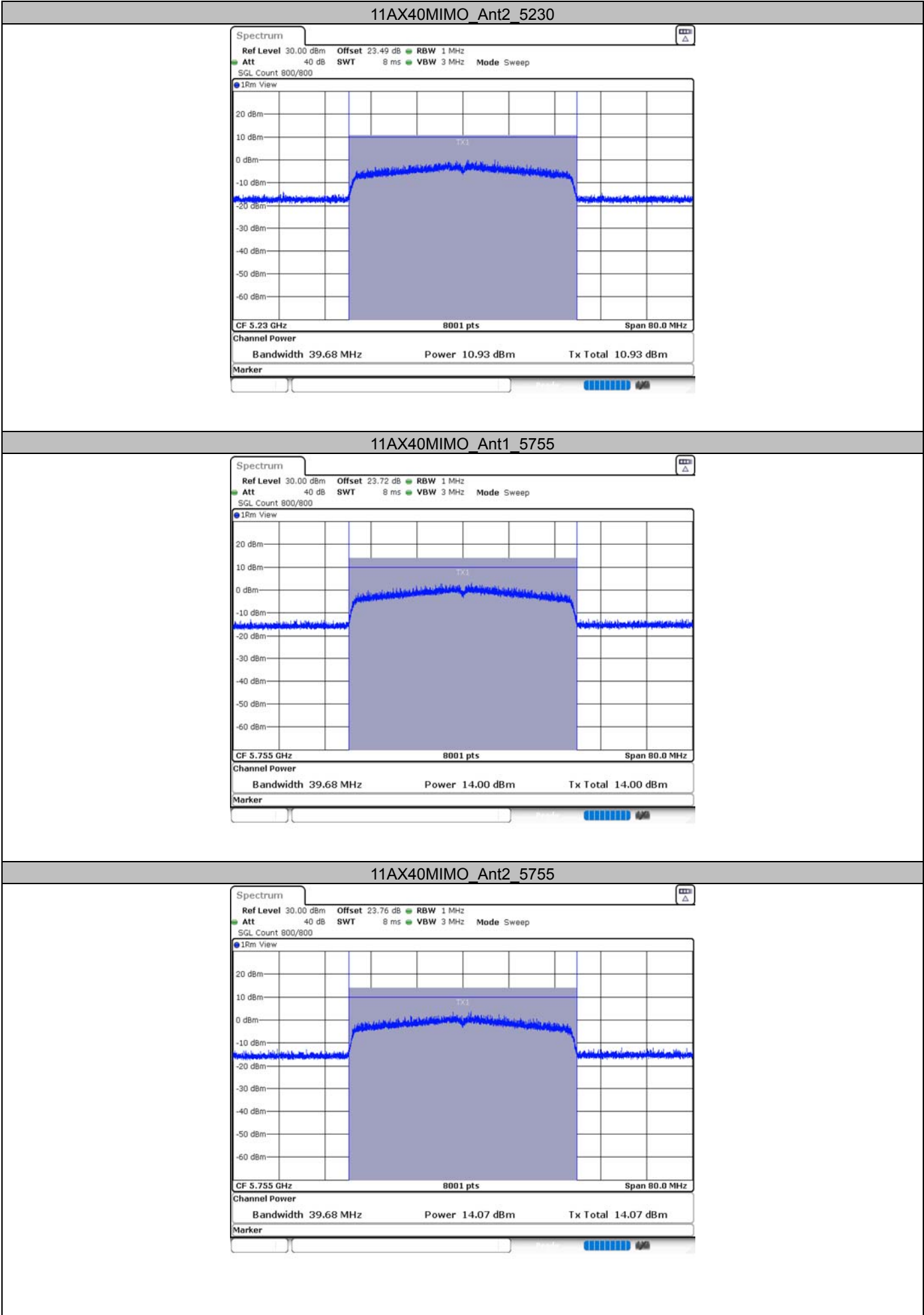


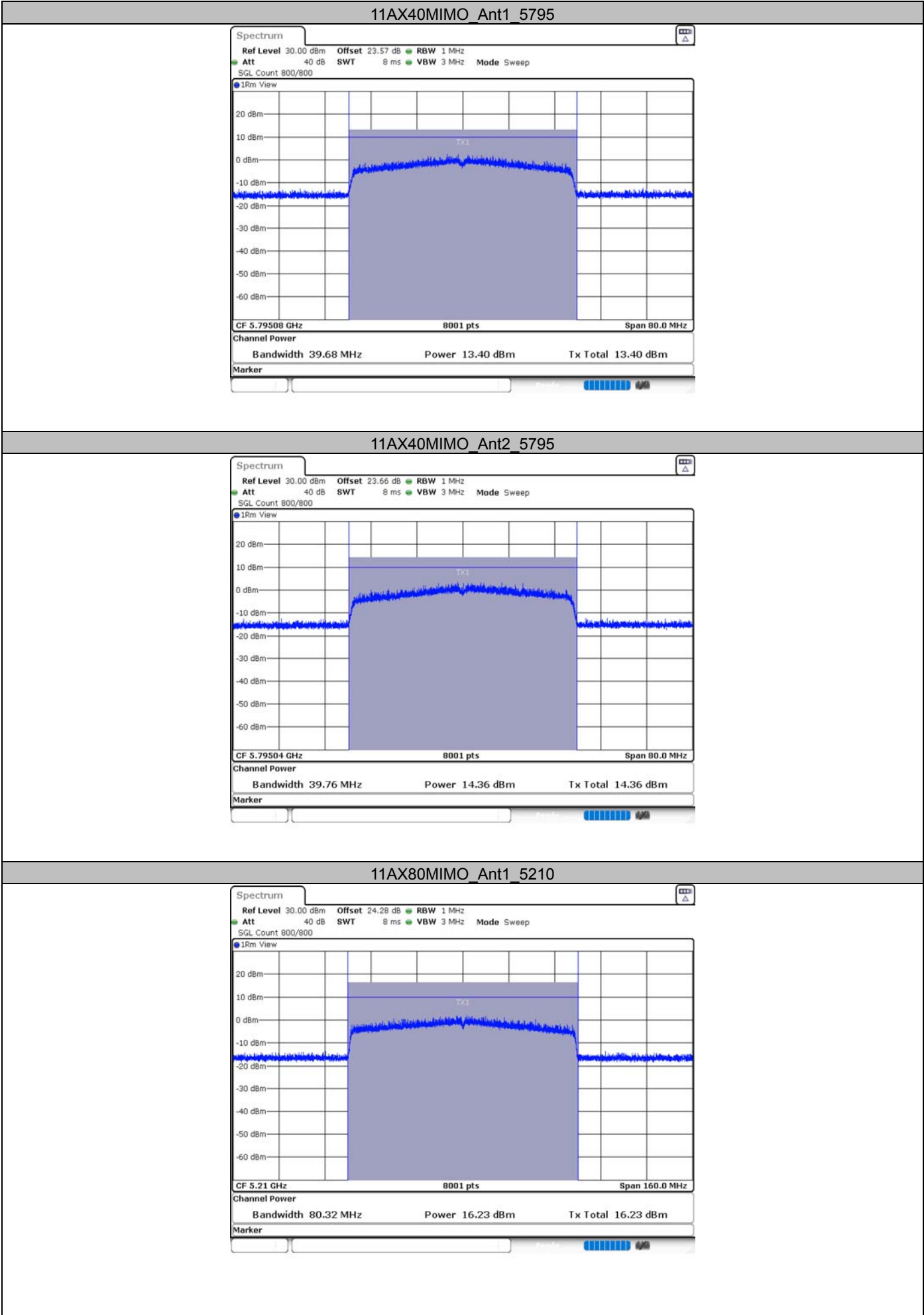














Appendix E: Maximum power spectral density Test Result

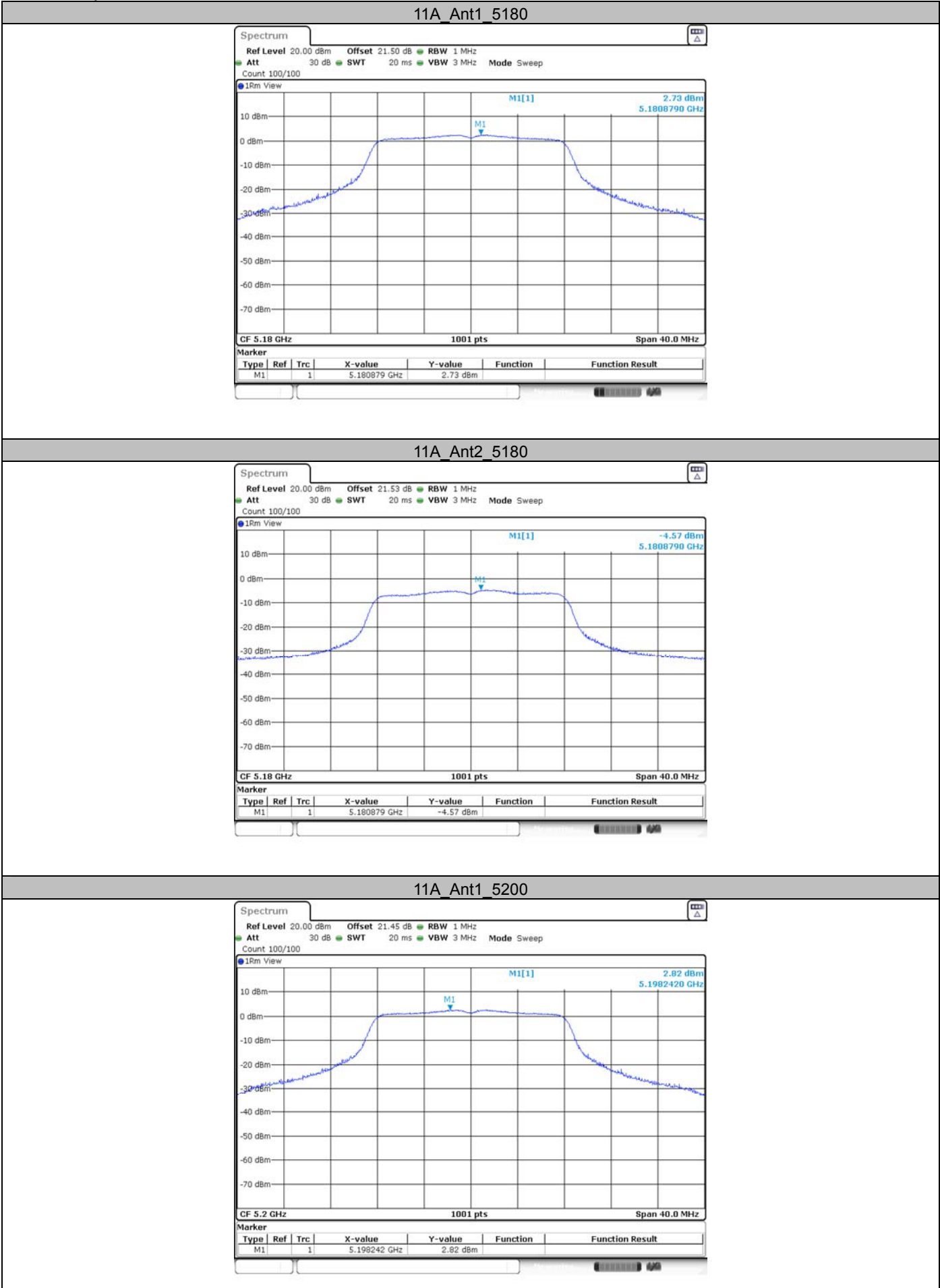
Test Mode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.73	≤10.00	PASS
	Ant2	5180	-4.57	≤10.00	PASS
	Ant1	5200	2.82	≤10.00	PASS
	Ant2	5200	-4.22	≤10.00	PASS
	Ant1	5240	2.54	≤10.00	PASS
	Ant2	5240	-5.72	≤10.00	PASS
	Ant1	5745	-0.29	≤30.00	PASS
	Ant2	5745	-0.22	≤30.00	PASS
	Ant1	5785	-0.76	≤30.00	PASS
	Ant2	5785	-0.21	≤30.00	PASS
	Ant1	5825	-0.98	≤30.00	PASS
	Ant2	5825	1.18	≤30.00	PASS
11N20MIMO	Ant1	5180	2.23	≤10.00	PASS
	Ant2	5180	-5.28	≤10.00	PASS
	total	5180	2.94	≤10.00	PASS
	Ant1	5200	1.87	≤10.00	PASS
	Ant2	5200	-5.06	≤10.00	PASS
	total	5200	2.67	≤10.00	PASS
	Ant1	5240	1.64	≤10.00	PASS
	Ant2	5240	-6.96	≤10.00	PASS
	total	5240	2.20	≤10.00	PASS
	Ant1	5745	-1.03	≤30.00	PASS
	Ant2	5745	-1.18	≤30.00	PASS
	total	5745	1.91	≤30.00	PASS
	Ant1	5785	-2.08	≤30.00	PASS
	Ant2	5785	-1.6	≤30.00	PASS
	total	5785	1.18	≤30.00	PASS
	Ant1	5825	-3.36	≤30.00	PASS
	Ant2	5825	-0.94	≤30.00	PASS
	total	5825	1.03	≤30.00	PASS
11N40MIMO	Ant1	5190	-0.5	≤10.00	PASS
	Ant2	5190	-8.25	≤10.00	PASS
	total	5190	0.17	≤10.00	PASS
	Ant1	5230	-0.4	≤10.00	PASS
	Ant2	5230	-8.18	≤10.00	PASS
	total	5230	0.27	≤10.00	PASS
	Ant1	5755	-2.98	≤30.00	PASS
	Ant2	5755	-4.6	≤30.00	PASS
	total	5755	-0.70	≤30.00	PASS
	Ant1	5795	-3.71	≤30.00	PASS
	Ant2	5795	-3.15	≤30.00	PASS
	total	5795	-0.41	≤30.00	PASS
11AC20MIMO	Ant1	5180	1.2	≤10.00	PASS
	Ant2	5180	-6.36	≤10.00	PASS
	total	5180	1.90	≤10.00	PASS
	Ant1	5200	1.53	≤10.00	PASS
	Ant2	5200	-5.34	≤10.00	PASS
	total	5200	2.34	≤10.00	PASS
	Ant1	5240	0.27	≤10.00	PASS
	Ant2	5240	-4.33	≤10.00	PASS
	total	5240	1.56	≤10.00	PASS
	Ant1	5745	-1.68	≤30.00	PASS
	Ant2	5745	-3	≤30.00	PASS
	total	5745	0.72	≤30.00	PASS

	Ant1	5785	-2.31	≤30.00	PASS
	Ant2	5785	-2.65	≤30.00	PASS
	total	5785	0.53	≤30.00	PASS
	Ant1	5825	-2.65	≤30.00	PASS
	Ant2	5825	-0.78	≤30.00	PASS
	total	5825	1.40	≤30.00	PASS
11AC40MIMO	Ant1	5190	-0.47	≤10.00	PASS
	Ant2	5190	-8.49	≤10.00	PASS
	total	5190	0.17	≤10.00	PASS
	Ant1	5230	-0.25	≤10.00	PASS
	Ant2	5230	-8.11	≤10.00	PASS
	total	5230	0.41	≤10.00	PASS
	Ant1	5755	-3.47	≤30.00	PASS
	Ant2	5755	-4.65	≤30.00	PASS
	total	5755	-1.01	≤30.00	PASS
	Ant1	5795	-3.79	≤30.00	PASS
	Ant2	5795	-4	≤30.00	PASS
	total	5795	-0.88	≤30.00	PASS
11AC80MIMO	Ant1	5210	-4.89	≤11.00	PASS
	Ant2	5210	-13.22	≤11.00	PASS
	total	5210	-4.29	≤11.00	PASS
	Ant1	5775	-6.59	≤30.00	PASS
	Ant2	5775	-8.43	≤30.00	PASS
	total	5775	-4.40	≤30.00	PASS
11AX20MIMO	Ant1	5180	1.11	≤10.00	PASS
	Ant2	5180	-5.31	≤10.00	PASS
	total	5180	2.00	≤10.00	PASS
	Ant1	5200	0.41	≤10.00	PASS
	Ant2	5200	-5.26	≤10.00	PASS
	total	5200	1.45	≤10.00	PASS
	Ant1	5240	0.18	≤10.00	PASS
	Ant2	5240	-9.46	≤10.00	PASS
	total	5240	0.63	≤10.00	PASS
	Ant1	5745	-3.01	≤30.00	PASS
	Ant2	5745	-3.12	≤30.00	PASS
	total	5745	-0.05	≤30.00	PASS
	Ant1	5785	-3.71	≤30.00	PASS
	Ant2	5785	-2.13	≤30.00	PASS
	total	5785	0.16	≤30.00	PASS
	Ant1	5825	-3.97	≤30.00	PASS
	Ant2	5825	-2.34	≤30.00	PASS
	total	5825	-0.07	≤30.00	PASS
11AX40MIMO	Ant1	5190	-3.08	≤10.00	PASS
	Ant2	5190	-8.19	≤10.00	PASS
	total	5190	-1.91	≤10.00	PASS
	Ant1	5230	-3.79	≤10.00	PASS
	Ant2	5230	-7.6	≤10.00	PASS
	total	5230	-2.28	≤10.00	PASS
	Ant1	5755	-6.63	≤30.00	PASS
	Ant2	5755	-5.84	≤30.00	PASS
	total	5755	-3.21	≤30.00	PASS
	Ant1	5795	-5.88	≤30.00	PASS
	Ant2	5795	-5.59	≤30.00	PASS
	total	5795	-2.72	≤30.00	PASS
11AX80MIMO	Ant1	5210	-5.37	≤10.00	PASS
	Ant2	5210	-10.77	≤10.00	PASS
	total	5210	-4.27	≤10.00	PASS
	Ant1	5775	-8.78	≤30.00	PASS
	Ant2	5775	-8.71	≤30.00	PASS

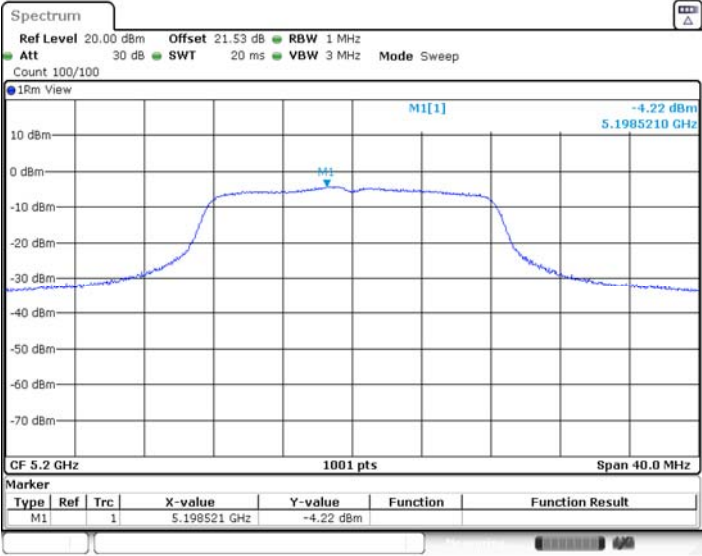
	total	5775	-5.73	≤30.00	PASS
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Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

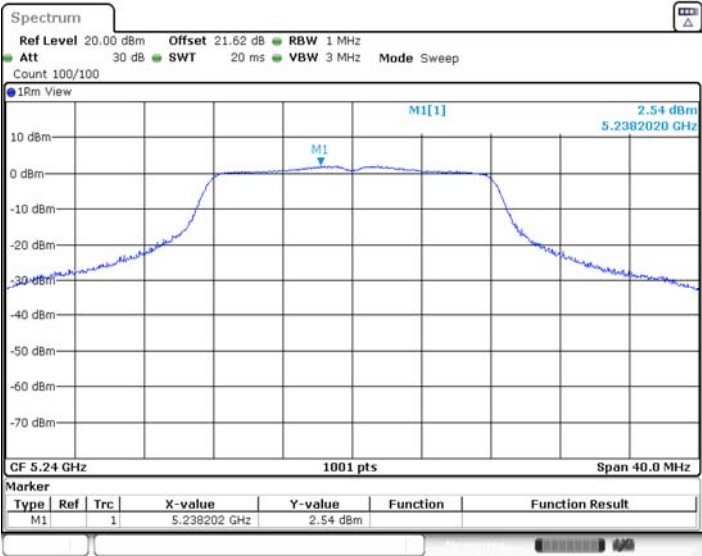
Test Graphs



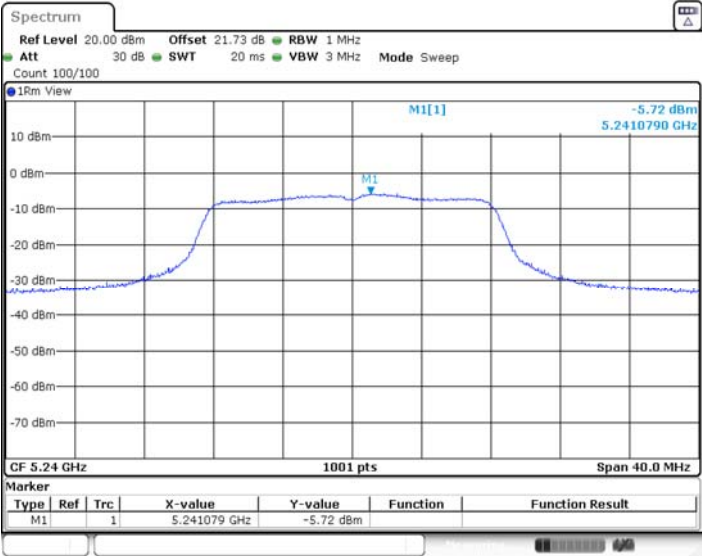
11A_Ant2_5200



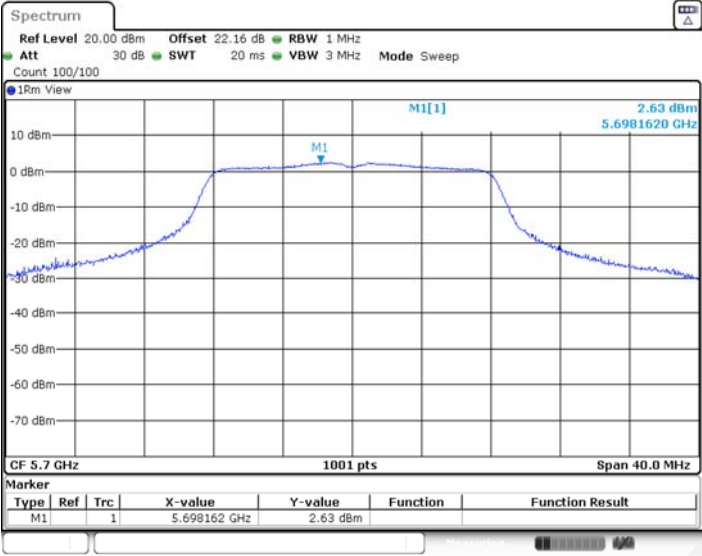
11A_Ant1_5240



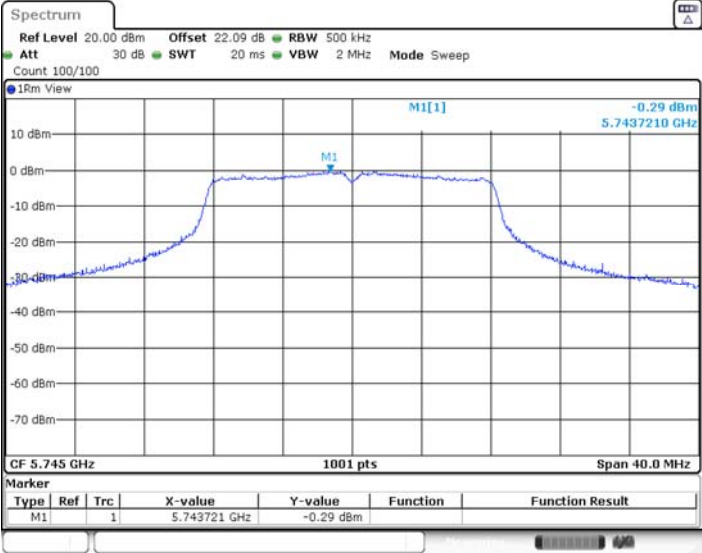
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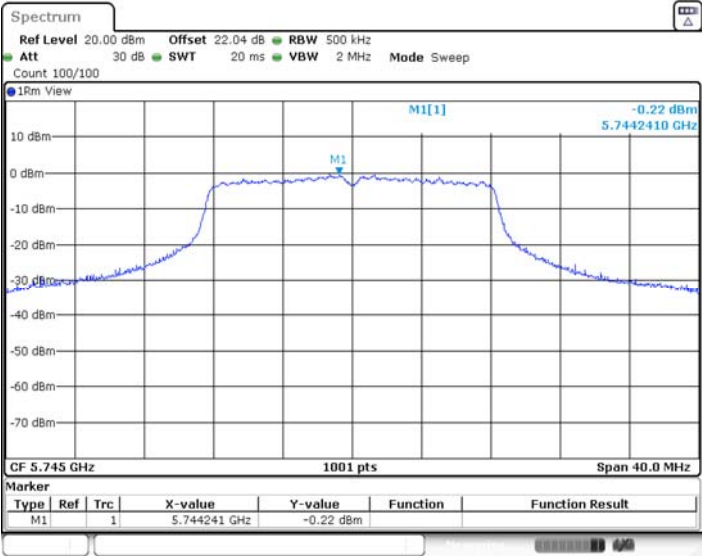
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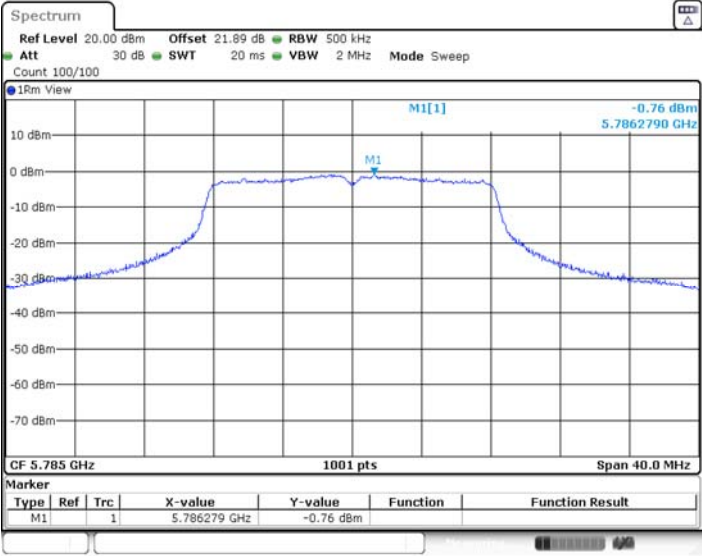
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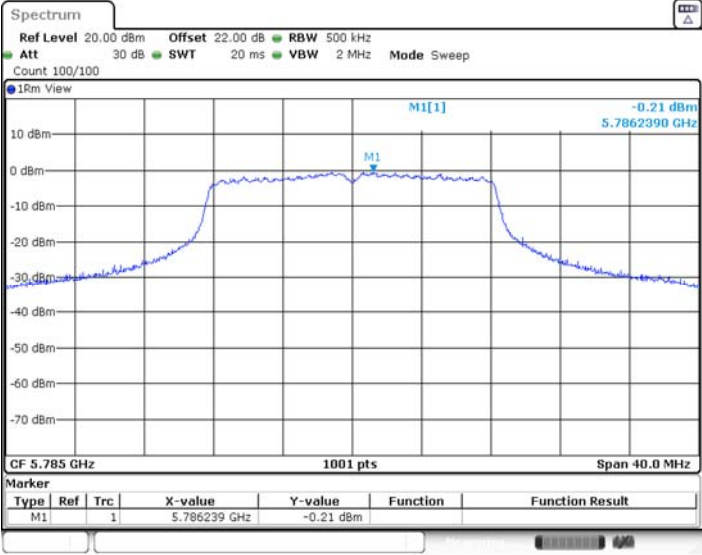
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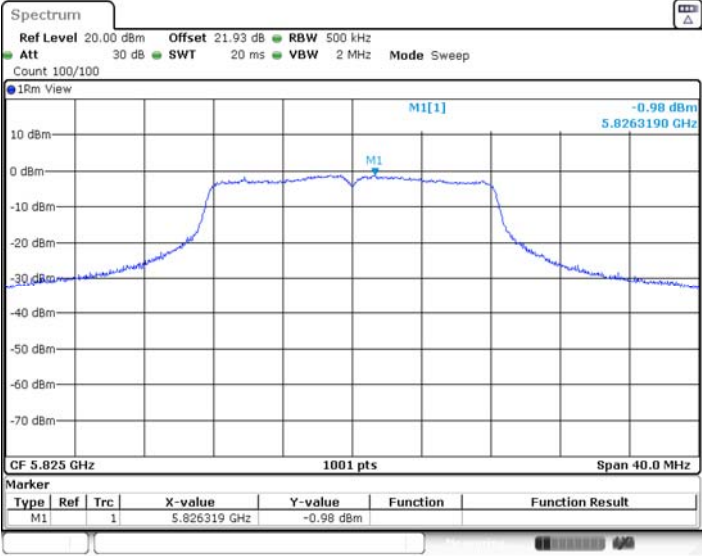
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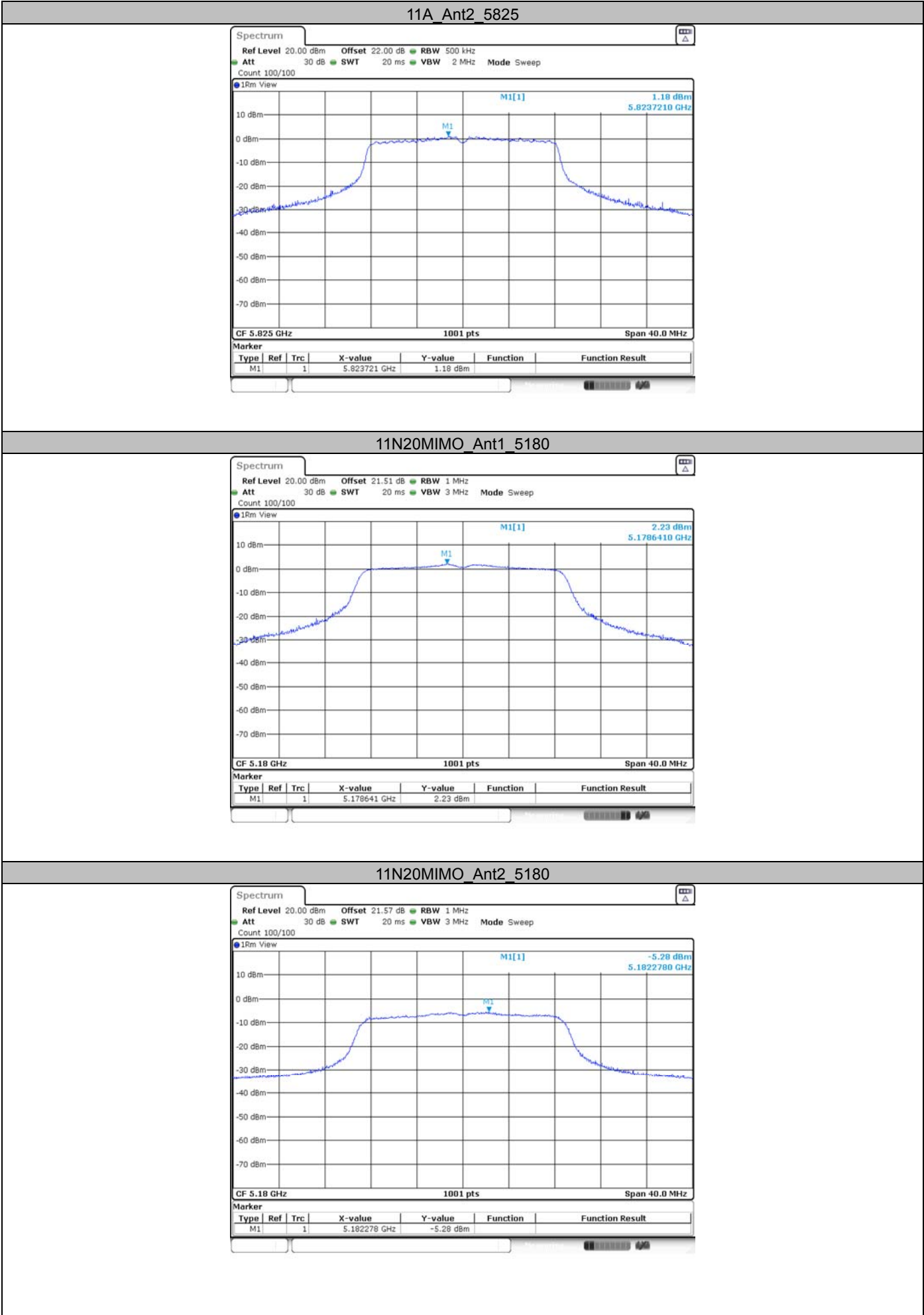


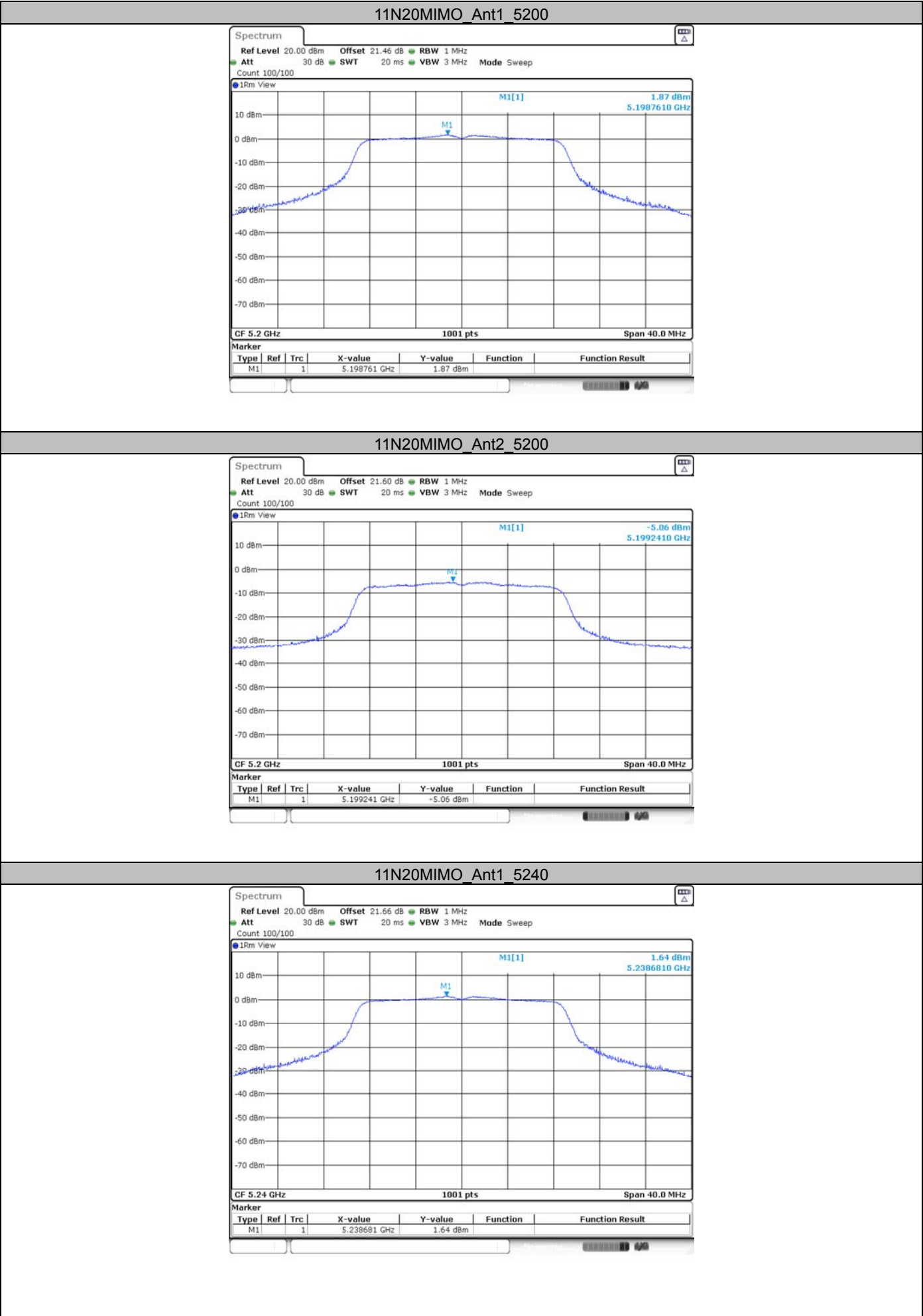
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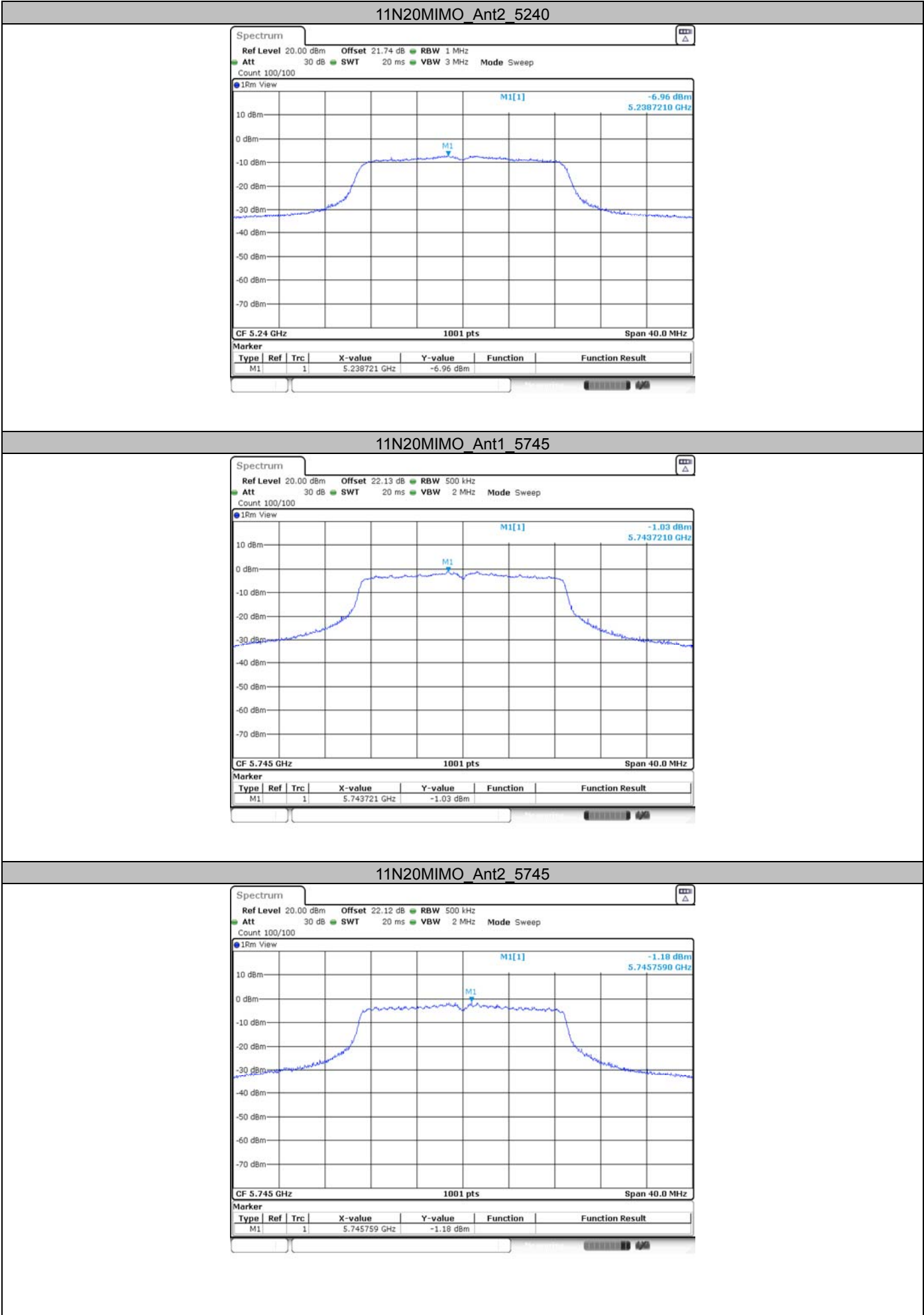


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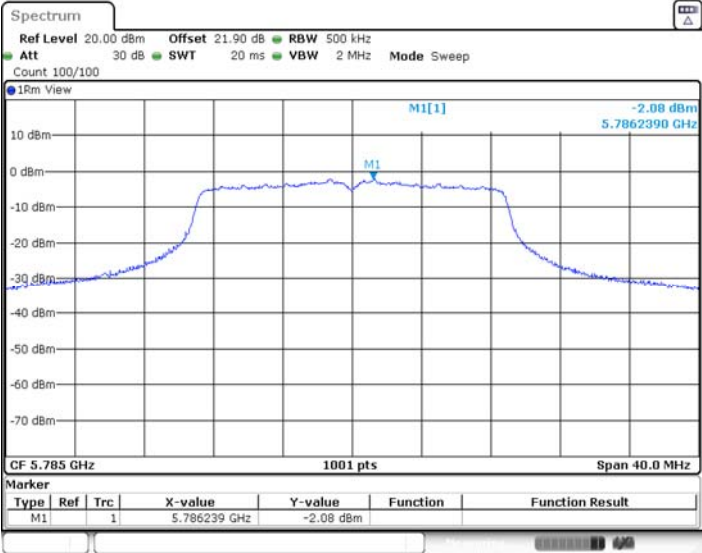




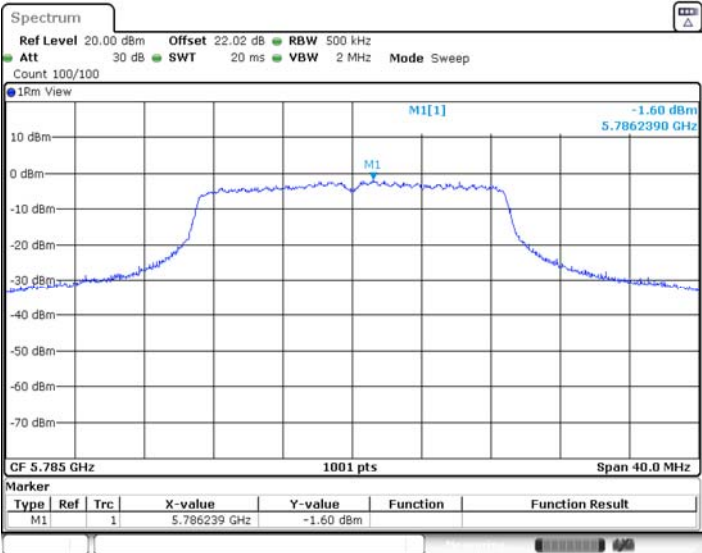




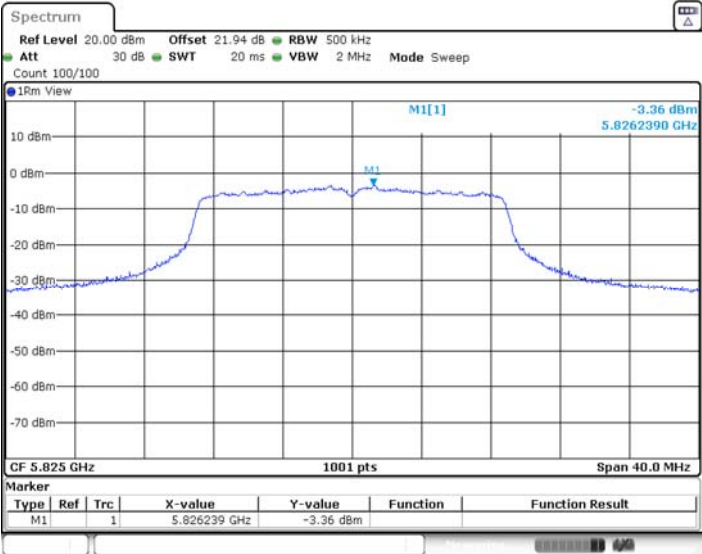
11N20MIMO_Ant1_5785

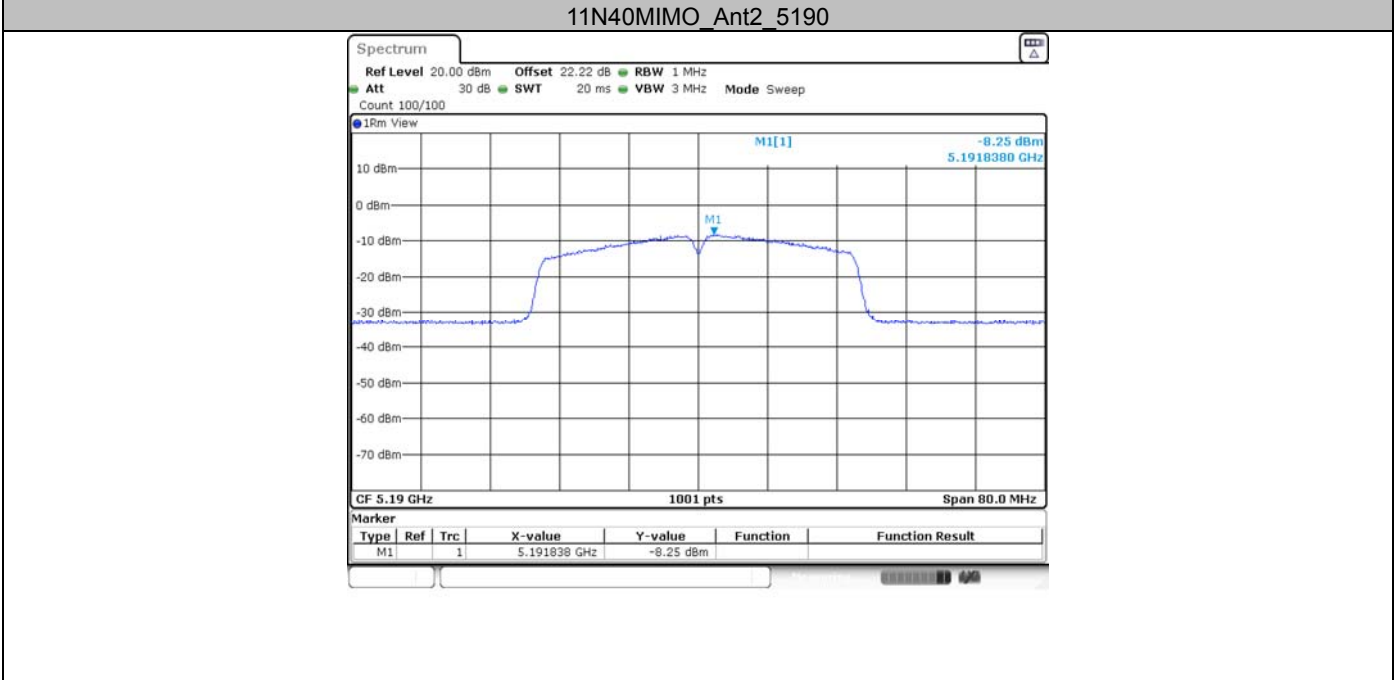
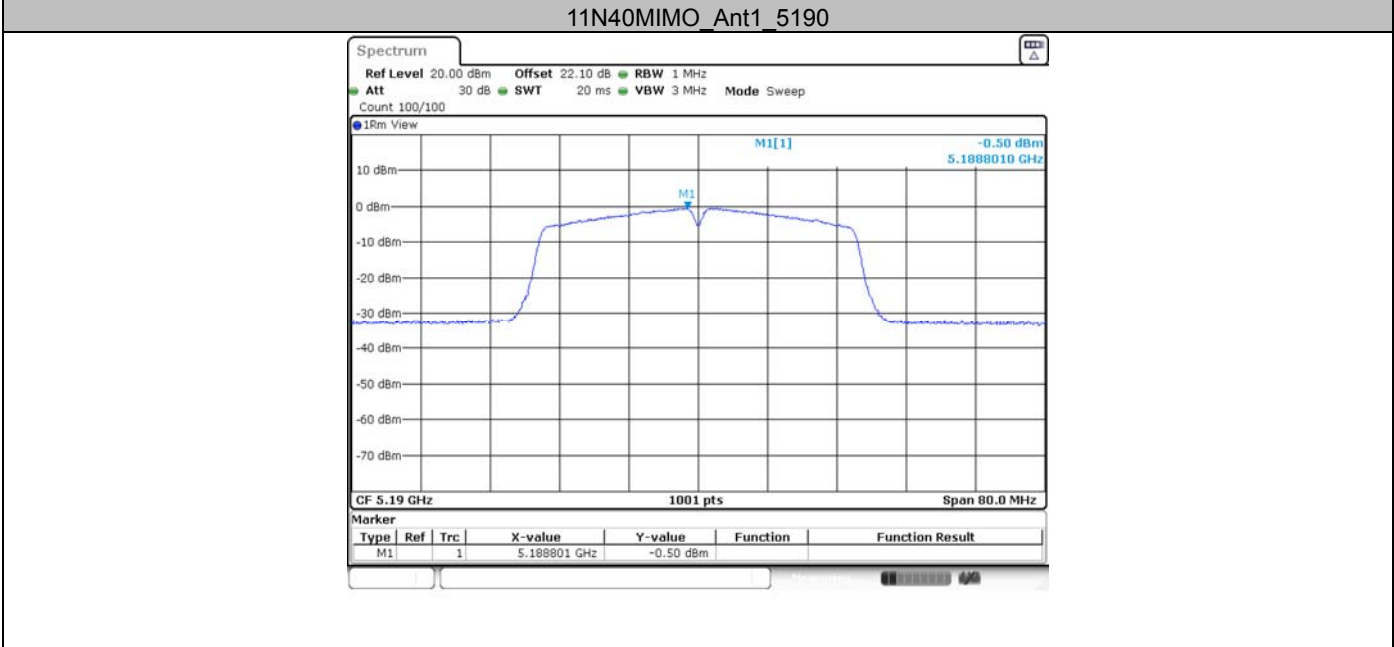
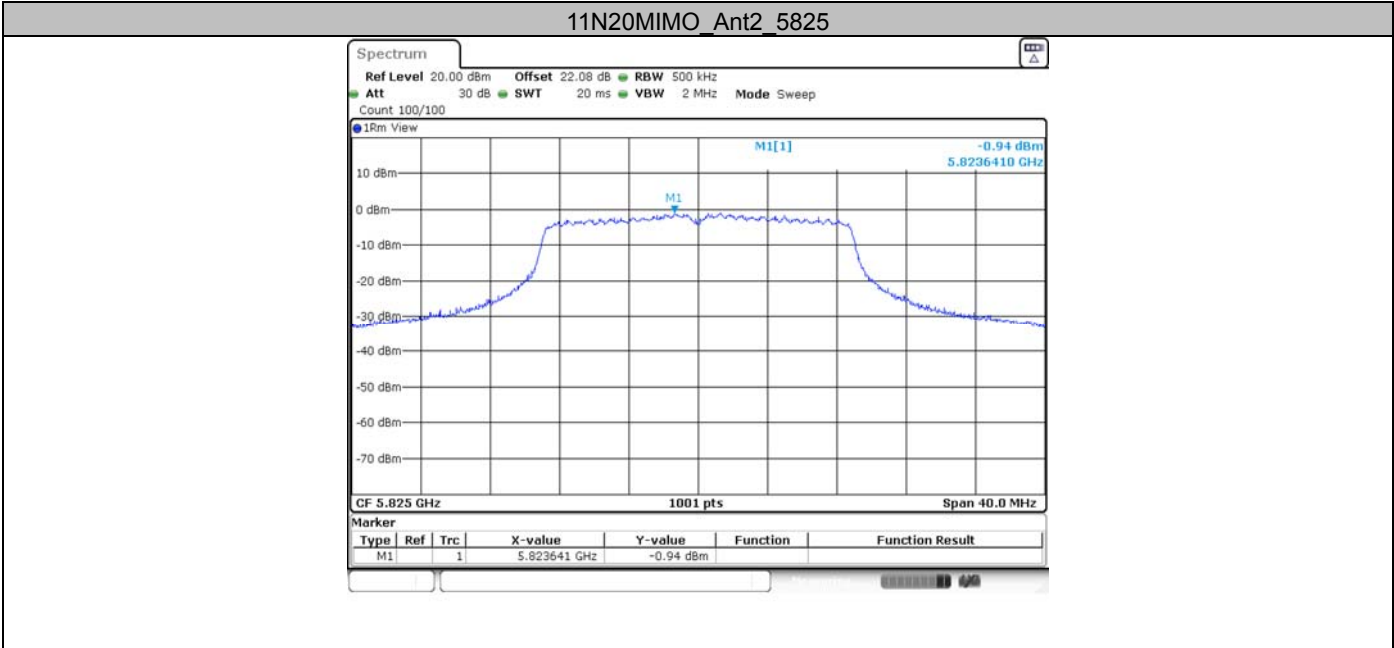


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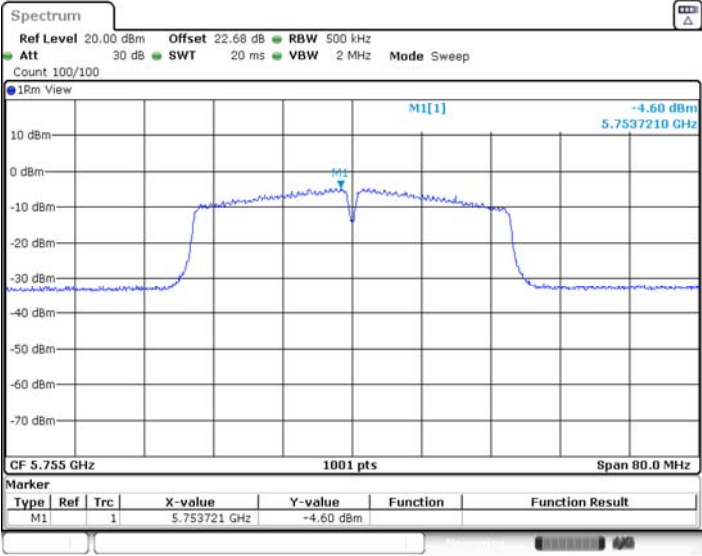
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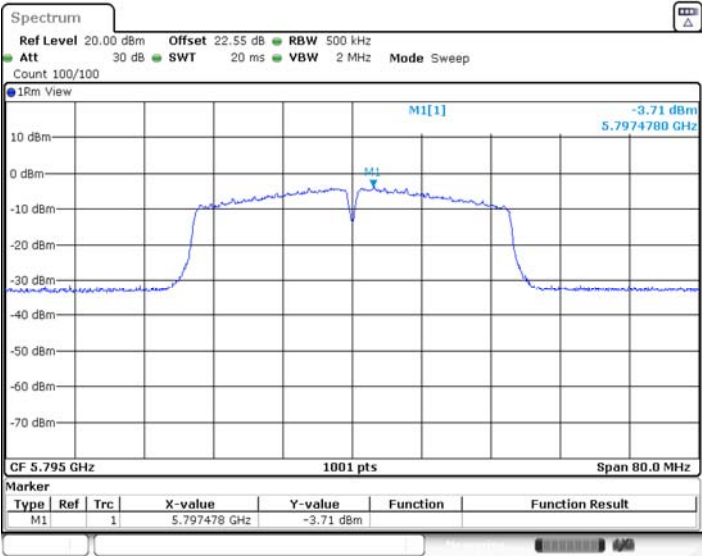




11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795

