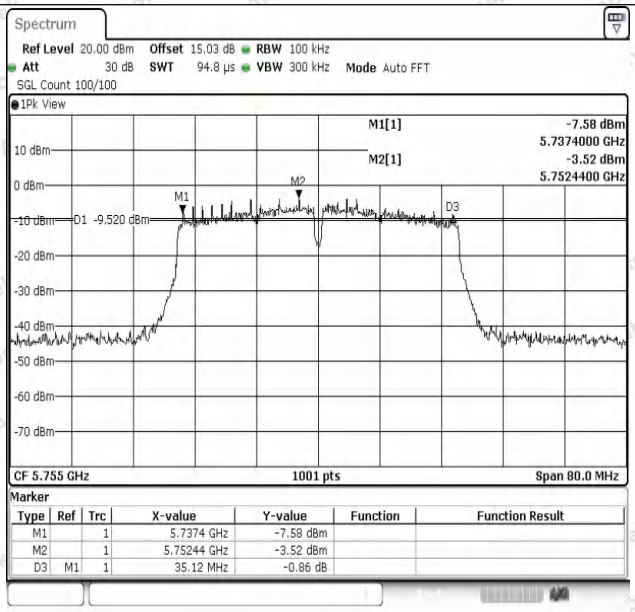

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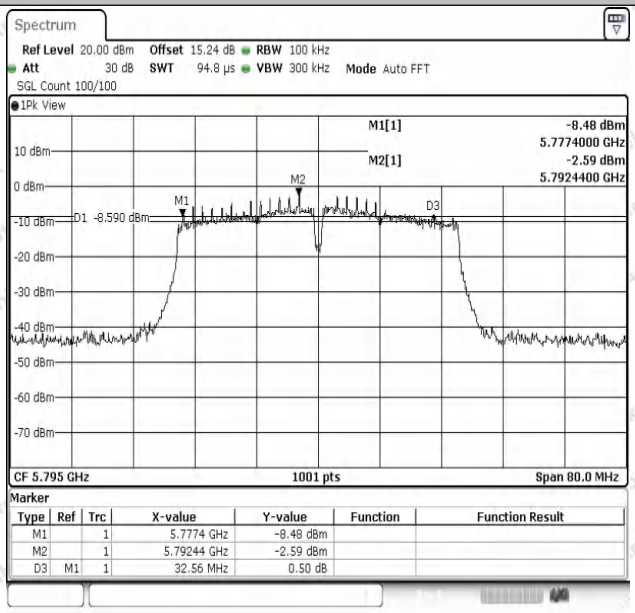

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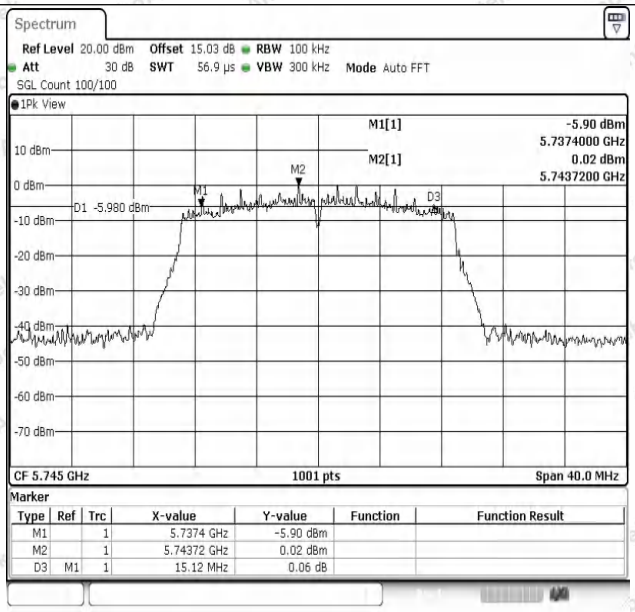

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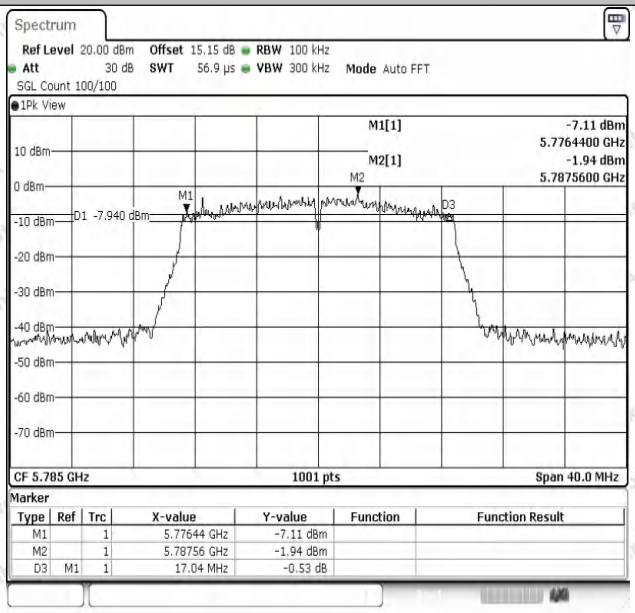

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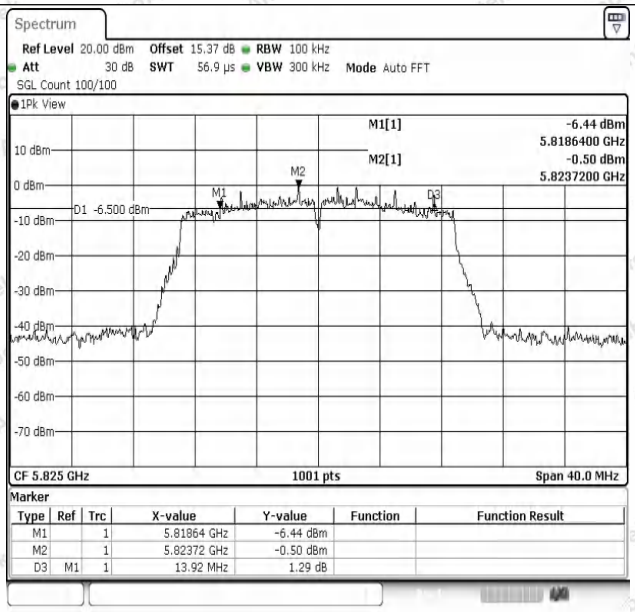

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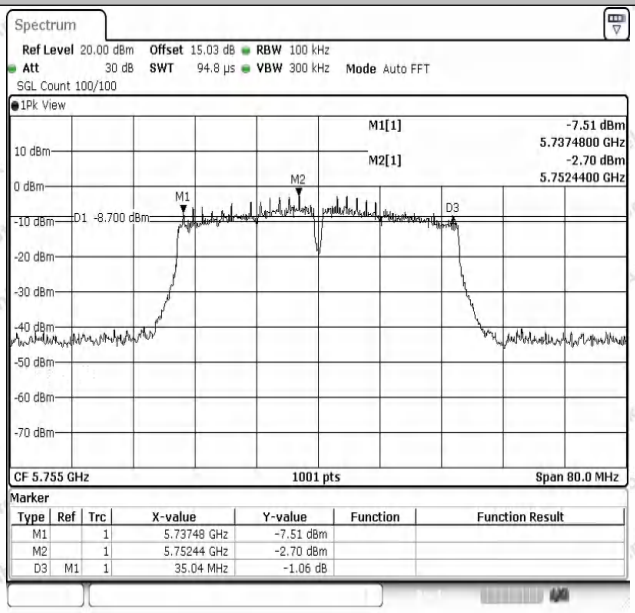

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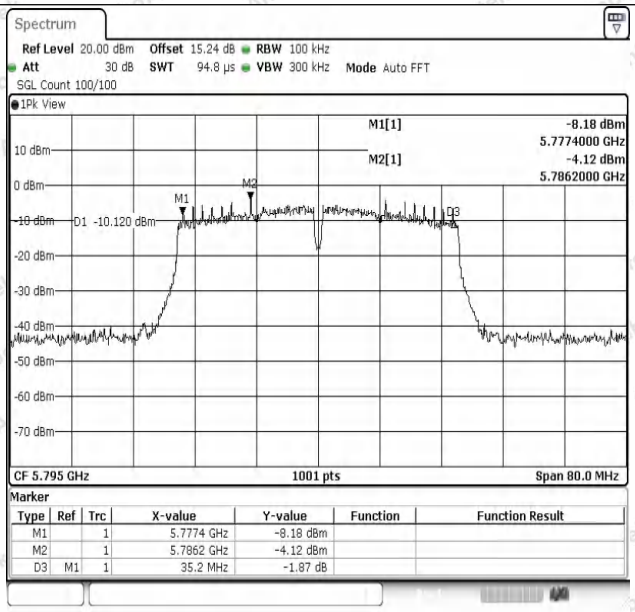

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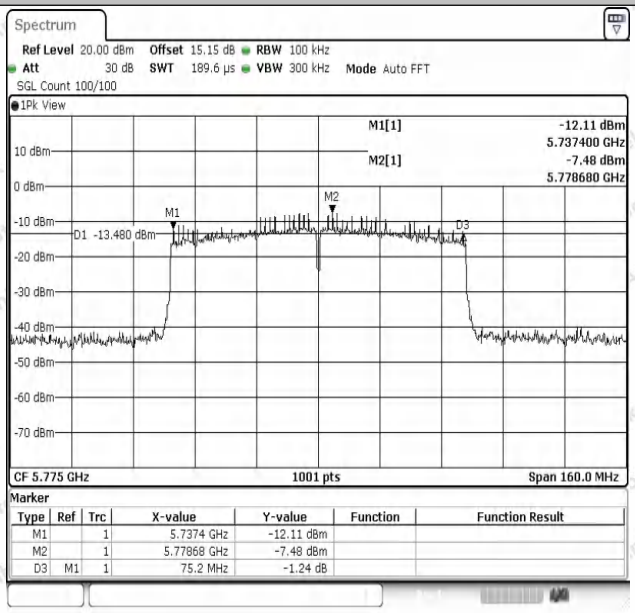


11AC80SISO-Ant1-5775-PASS

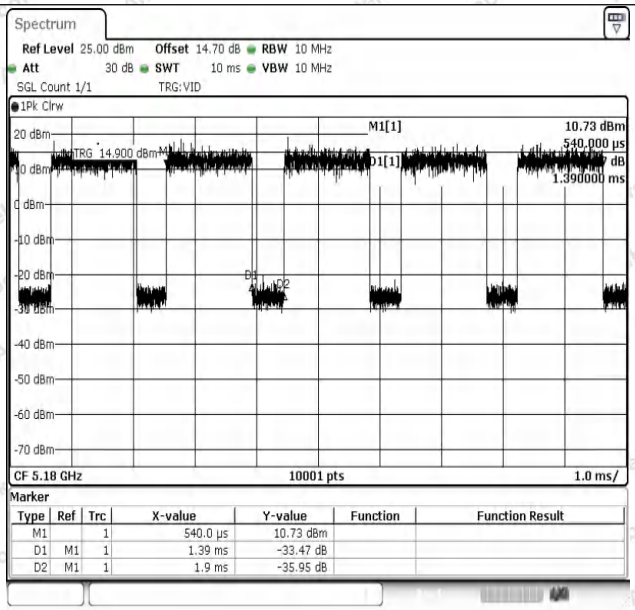
Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [dB]	Dc Factor [%]	1/T
11A	Ant1	5180	1.39	1.90	73.16	1.36	0.72
11A	Ant1	5200	1.40	2.32	60.34	2.19	0.71
11A	Ant1	5240	1.39	1.91	72.77	1.38	0.72
11A	Ant1	5260	1.39	1.92	72.40	1.40	0.72
11A	Ant1	5300	1.40	1.90	73.68	1.33	0.71
11A	Ant1	5320	1.39	1.92	72.40	1.40	0.72
11A	Ant1	5500	1.39	1.92	72.40	1.40	0.72
11A	Ant1	5580	1.39	1.91	72.77	1.38	0.72
11A	Ant1	5700	1.39	1.92	72.40	1.40	0.72
11A	Ant1	5745	1.39	1.42	97.89	0.09	0.72
11A	Ant1	5785	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5825	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5180	1.30	1.86	69.89	1.56	0.77
11N20SISO	Ant1	5200	1.30	1.63	79.75	0.98	0.77
11N20SISO	Ant1	5240	1.30	1.86	69.89	1.56	0.77
11N20SISO	Ant1	5260	1.30	1.62	80.25	0.96	0.77
11N20SISO	Ant1	5300	1.30	1.86	69.89	1.56	0.77
11N20SISO	Ant1	5320	1.30	1.85	70.27	1.53	0.77
11N20SISO	Ant1	5500	1.30	1.86	69.89	1.56	0.77
11N20SISO	Ant1	5580	1.30	1.86	69.89	1.56	0.77
11N20SISO	Ant1	5700	1.30	1.82	71.43	1.46	0.77
11N20SISO	Ant1	5745	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5785	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5825	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5190	0.64	1.04	61.54	2.11	1.56
11N40SISO	Ant1	5230	0.65	1.03	63.11	2.00	1.54
11N40SISO	Ant1	5270	0.64	1.03	62.14	2.07	1.56
11N40SISO	Ant1	5310	0.64	1.04	61.54	2.11	1.56
11N40SISO	Ant1	5510	0.65	1.04	62.50	2.04	1.54
11N40SISO	Ant1	5550	0.65	1.13	57.52	2.40	1.54
11N40SISO	Ant1	5670	0.65	1.05	61.90	2.08	1.54
11N40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5180	1.31	1.85	70.81	1.50	0.76
11AC20SISO	Ant1	5200	1.30	1.88	69.15	1.60	0.77
11AC20SISO	Ant1	5240	1.31	1.85	70.81	1.50	0.76

11AC20SISO	Ant1	5260	1.31	1.78	73.60	1.33	0.76
11AC20SISO	Ant1	5300	1.31	1.87	70.05	1.55	0.76
11AC20SISO	Ant1	5320	1.31	1.87	70.05	1.55	0.76
11AC20SISO	Ant1	5500	1.31	2.16	60.65	2.17	0.76
11AC20SISO	Ant1	5580	1.32	1.88	70.21	1.54	0.76
11AC20SISO	Ant1	5700	1.31	1.87	70.05	1.55	0.76
11AC20SISO	Ant1	5745	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5785	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.65	1.04	62.50	2.04	1.54
11AC40SISO	Ant1	5230	0.65	1.04	62.50	2.04	1.54
11AC40SISO	Ant1	5270	0.65	1.25	52.00	2.84	1.54
11AC40SISO	Ant1	5310	0.66	1.04	63.46	1.97	1.52
11AC40SISO	Ant1	5510	0.65	1.04	62.50	2.04	1.54
11AC40SISO	Ant1	5550	0.65	1.03	63.11	2.00	1.54
11AC40SISO	Ant1	5670	0.66	1.04	63.46	1.97	1.52
11AC40SISO	Ant1	5755	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5210	0.32	0.73	43.84	3.58	3.13
11AC80SISO	Ant1	5290	0.32	0.73	43.84	3.58	3.13
11AC80SISO	Ant1	5530	0.33	0.73	45.21	3.45	3.03
11AC80SISO	Ant1	5610	0.33	0.36	91.67	0.38	3.03
11AC80SISO	Ant1	5775	0.33	0.36	91.67	0.38	3.03

Test Graphs



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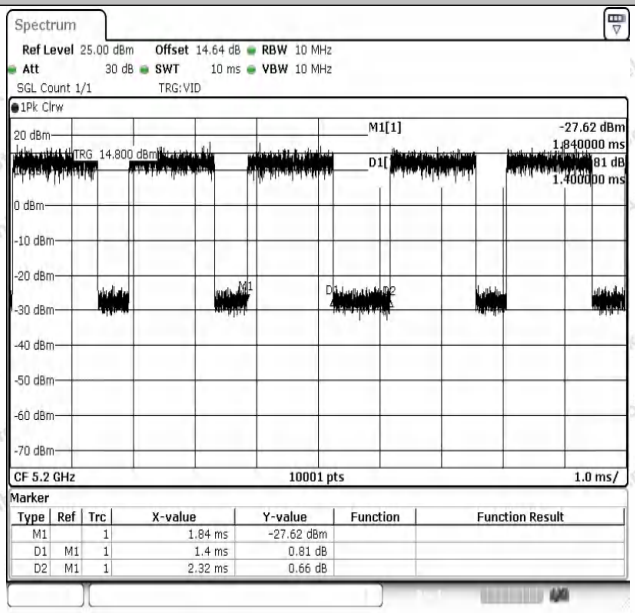

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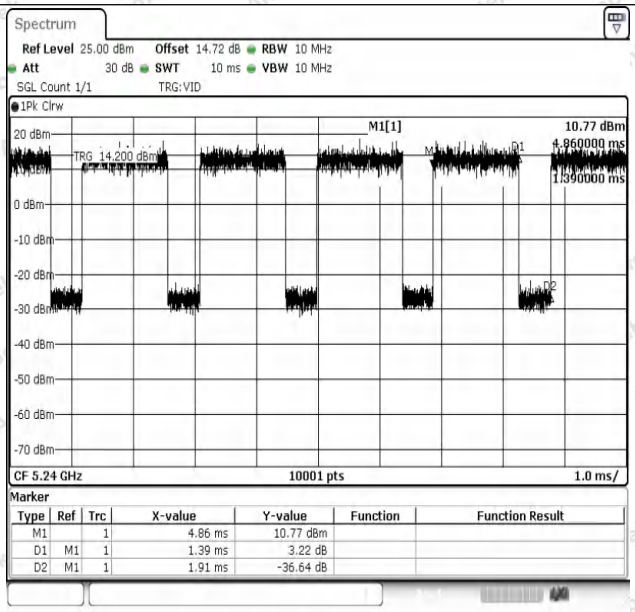

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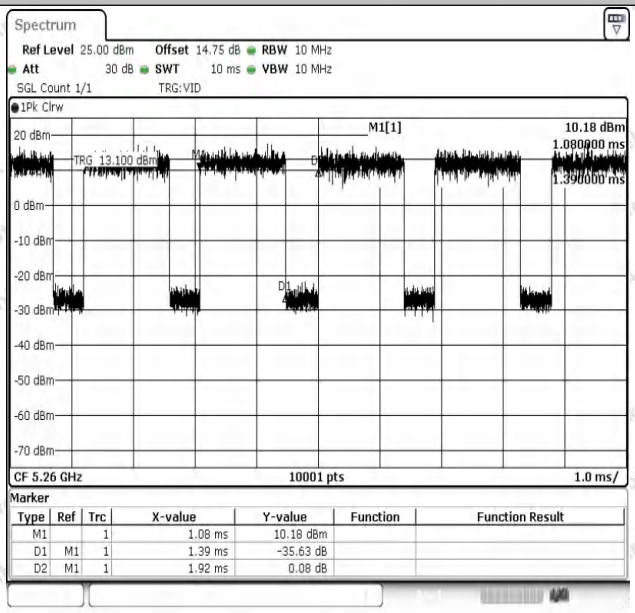

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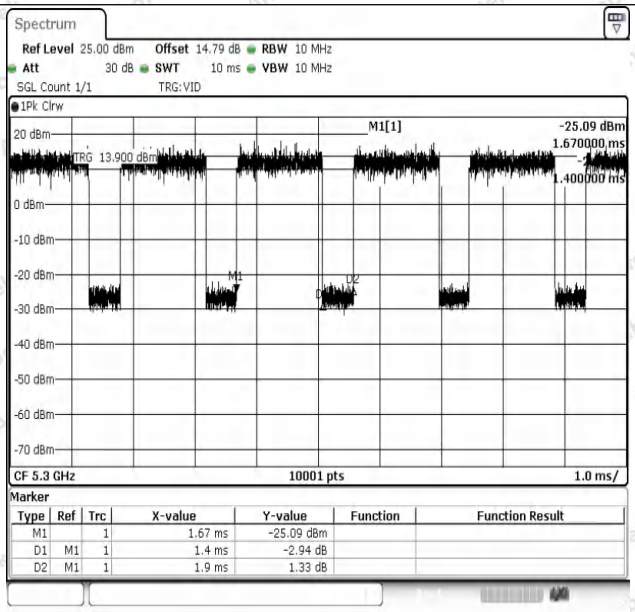

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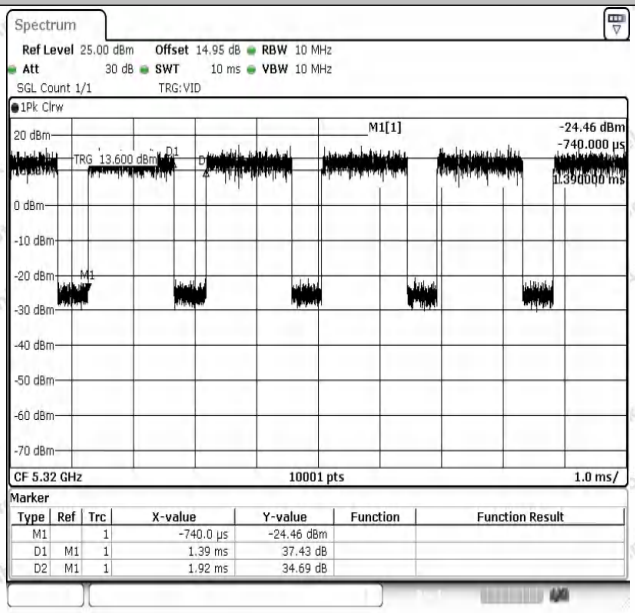

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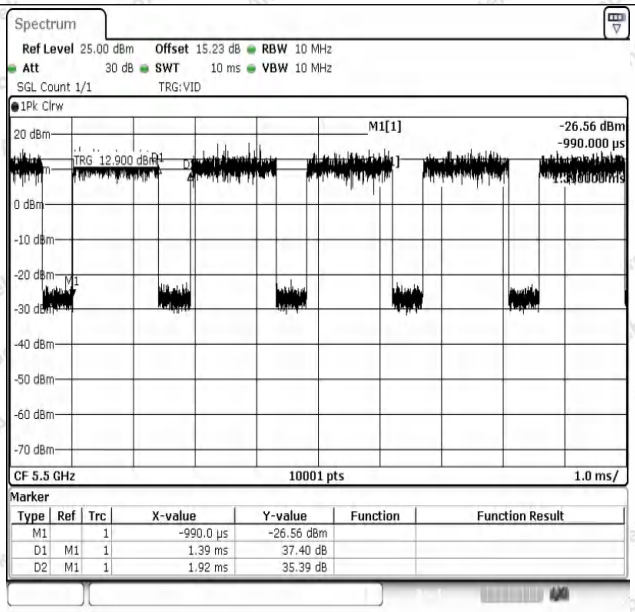

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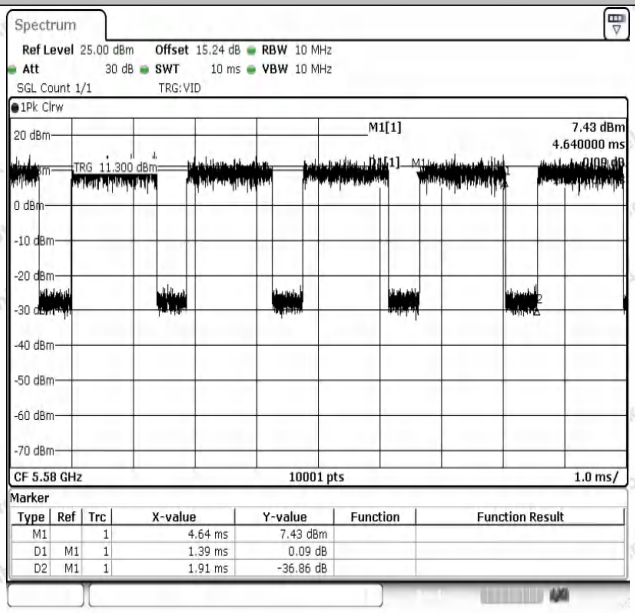

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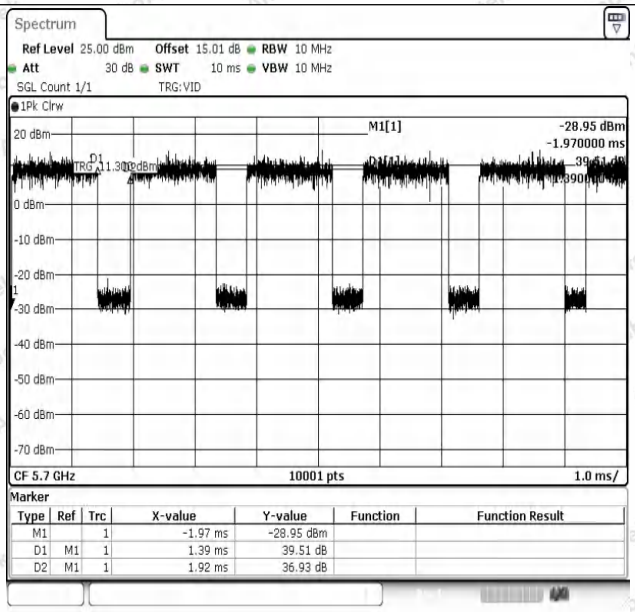

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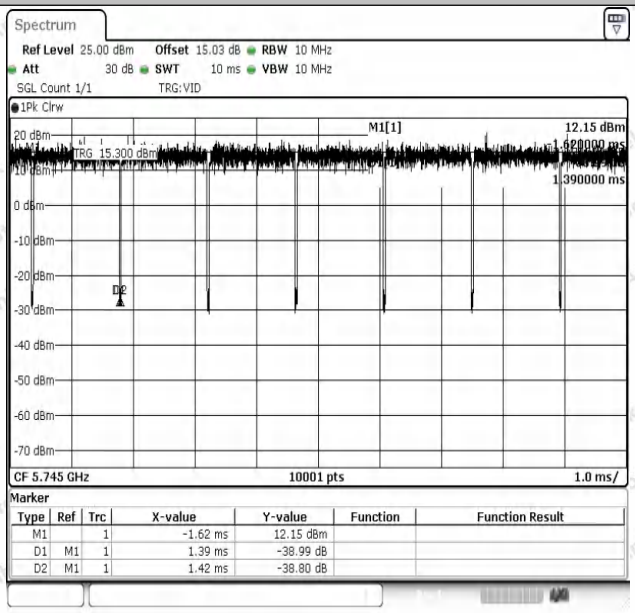

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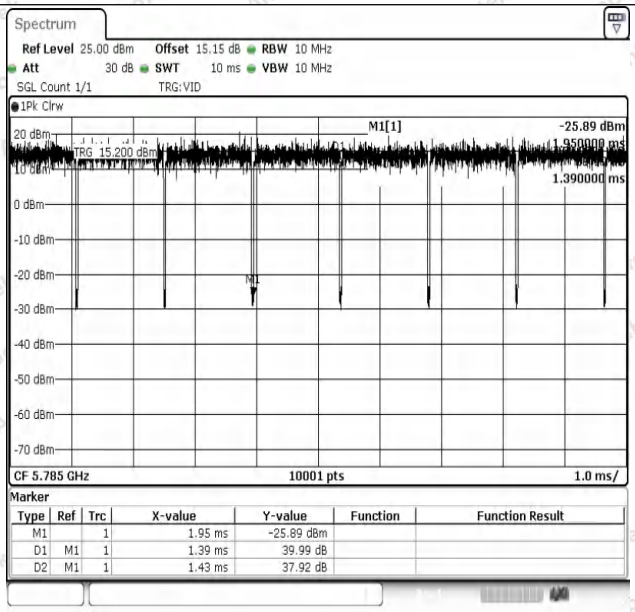

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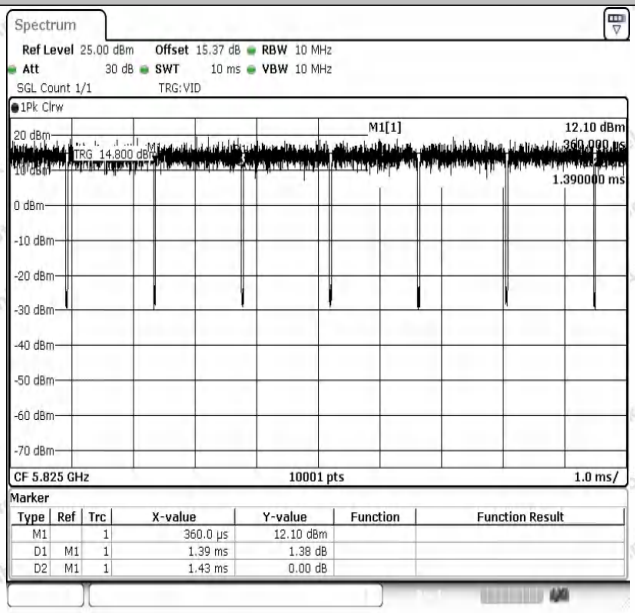

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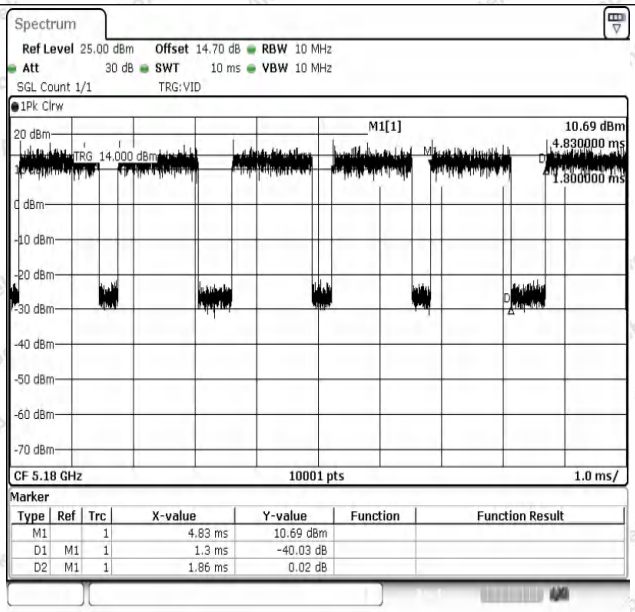

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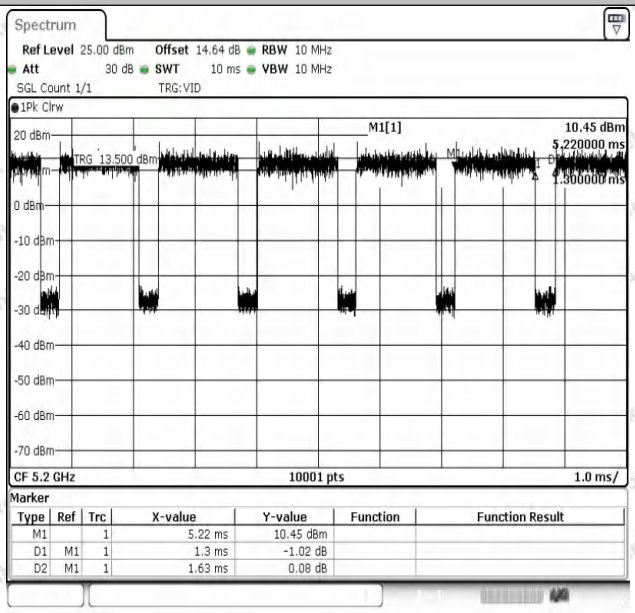

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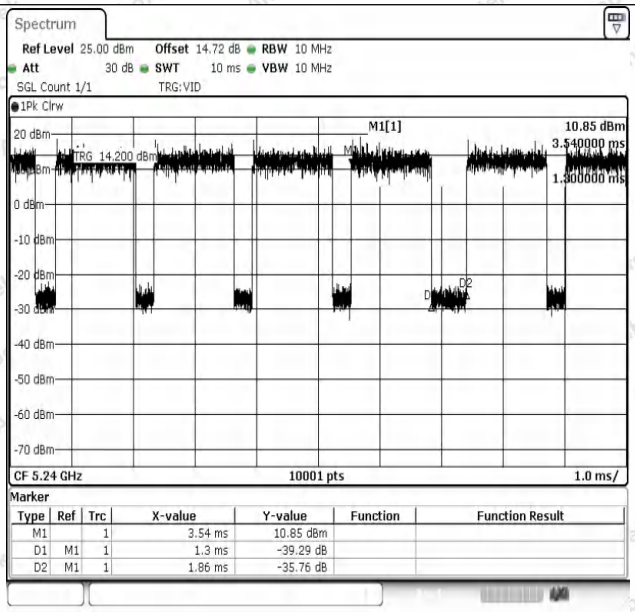

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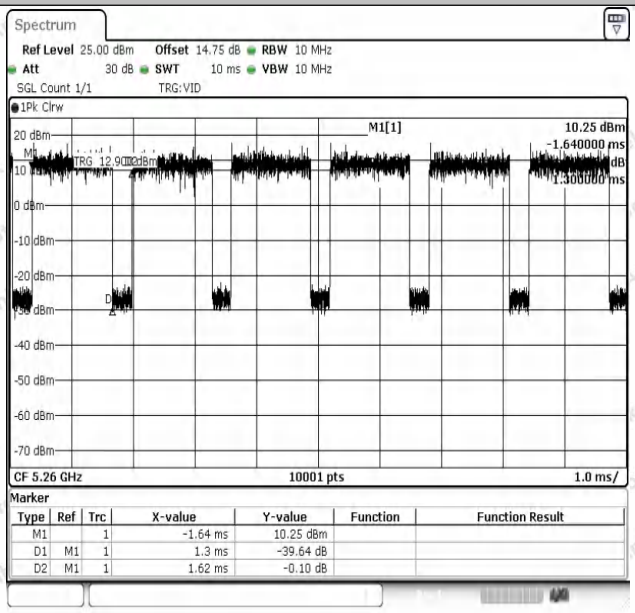

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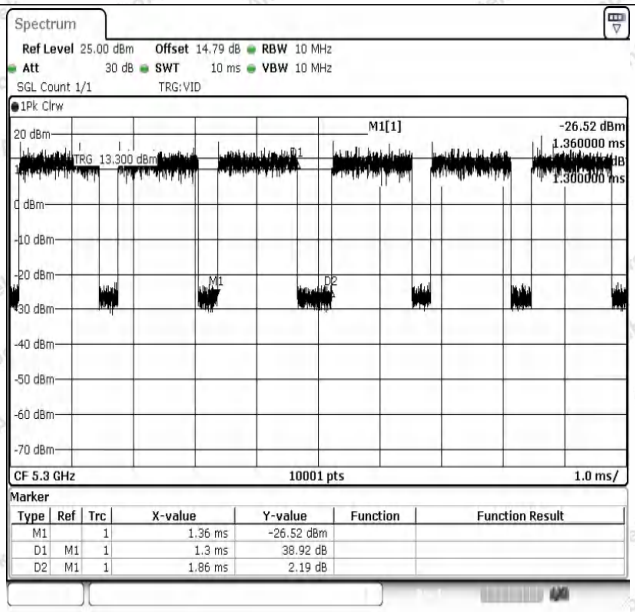

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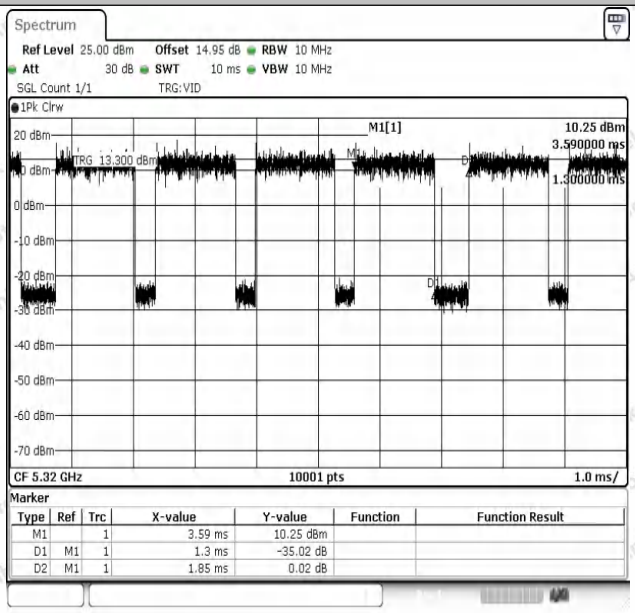

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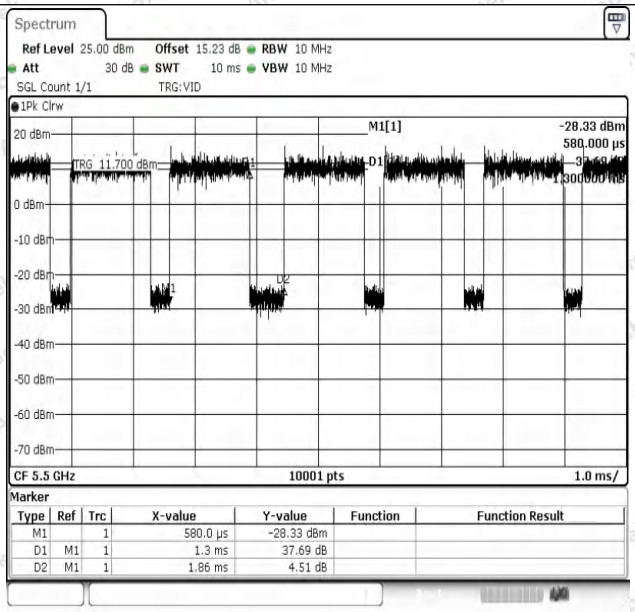

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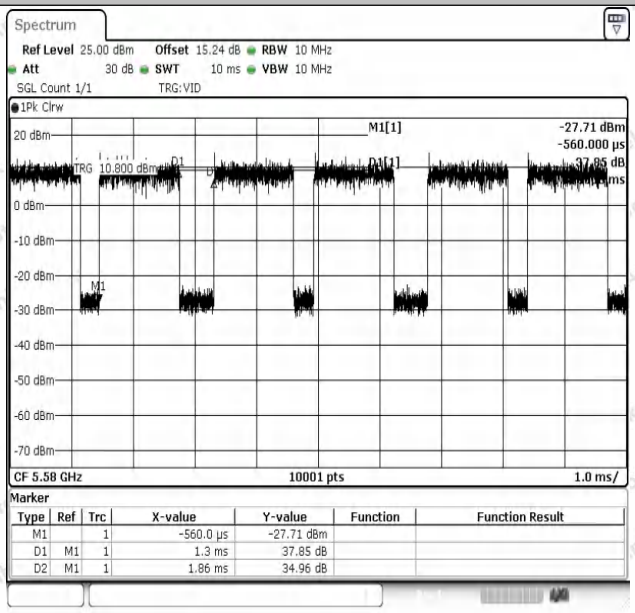

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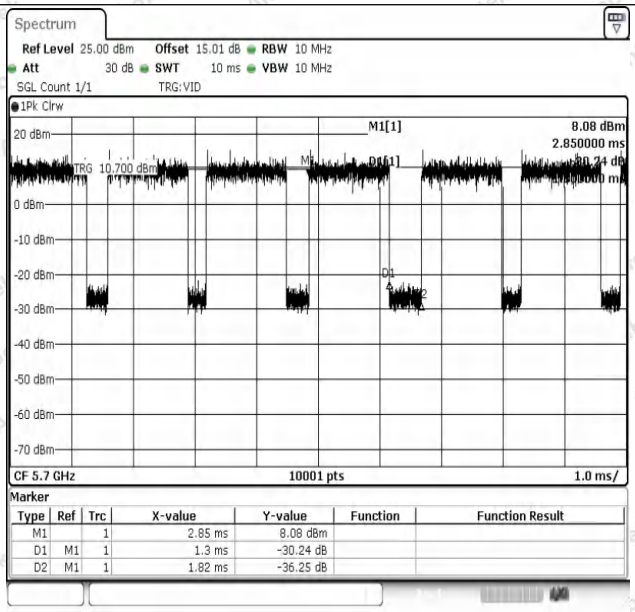

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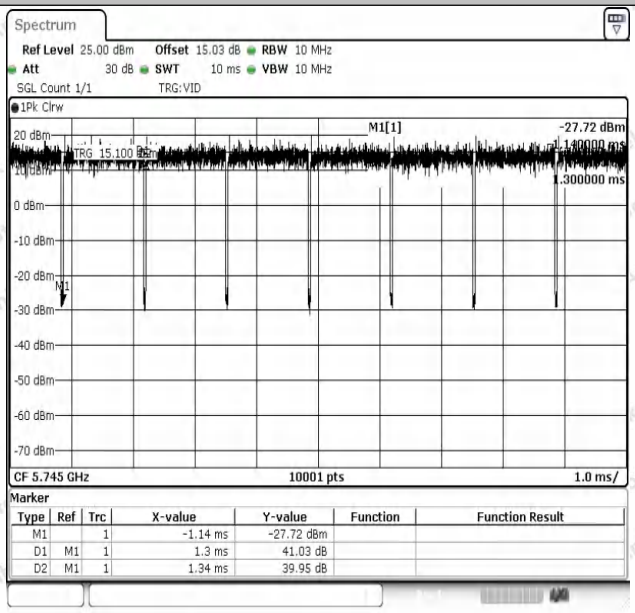

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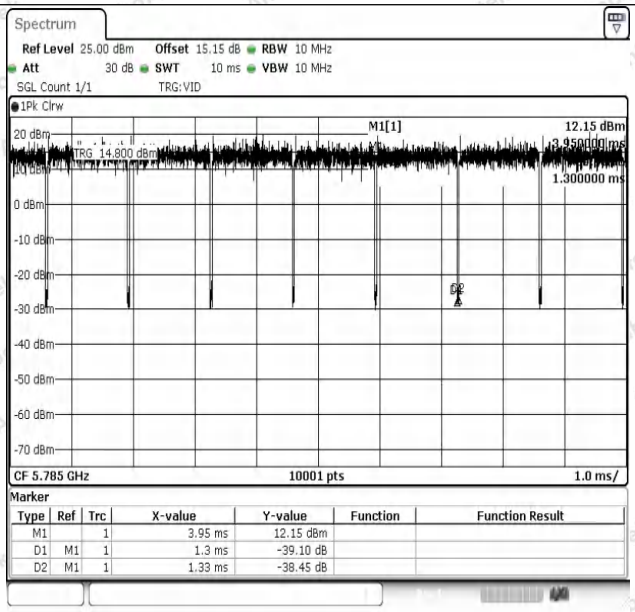

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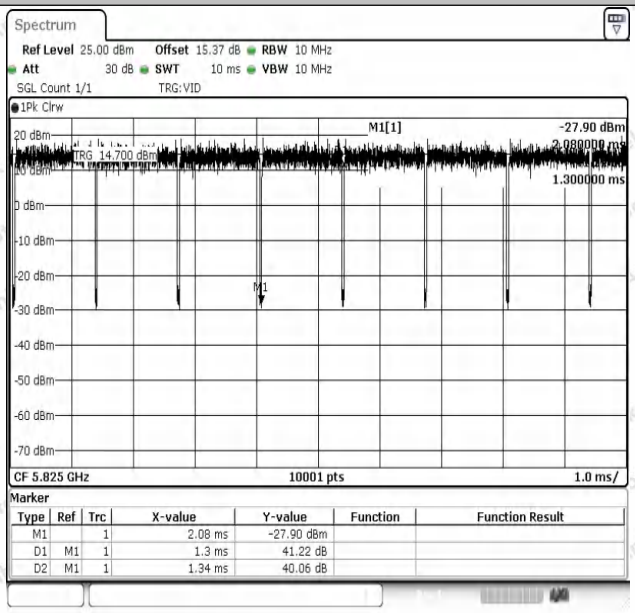

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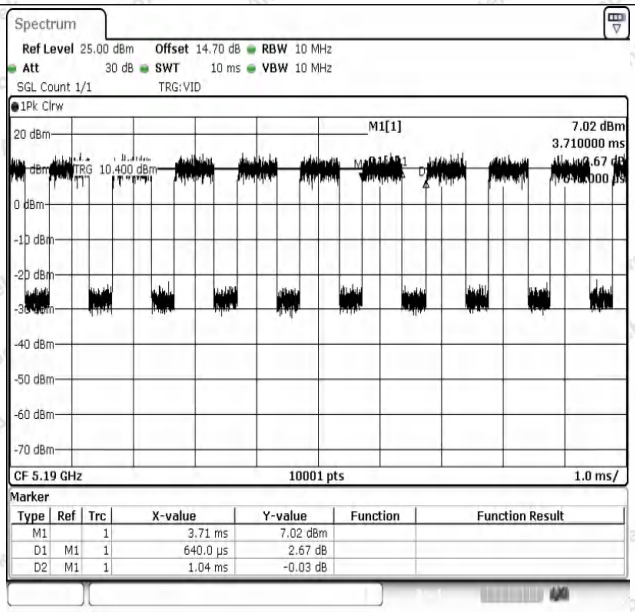

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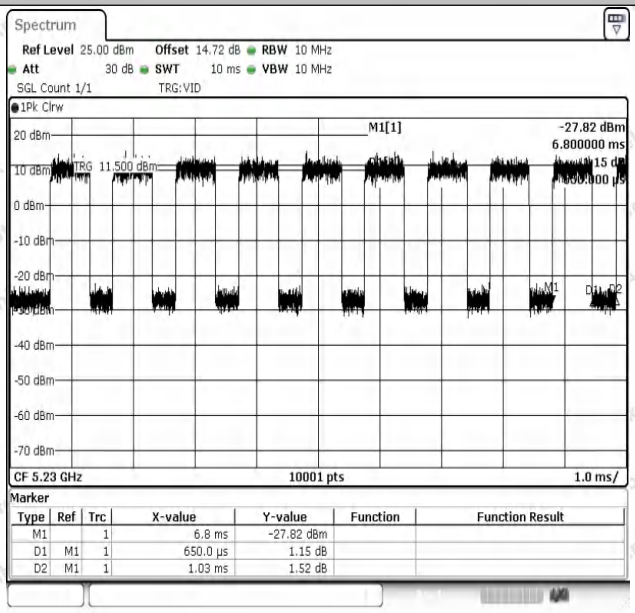

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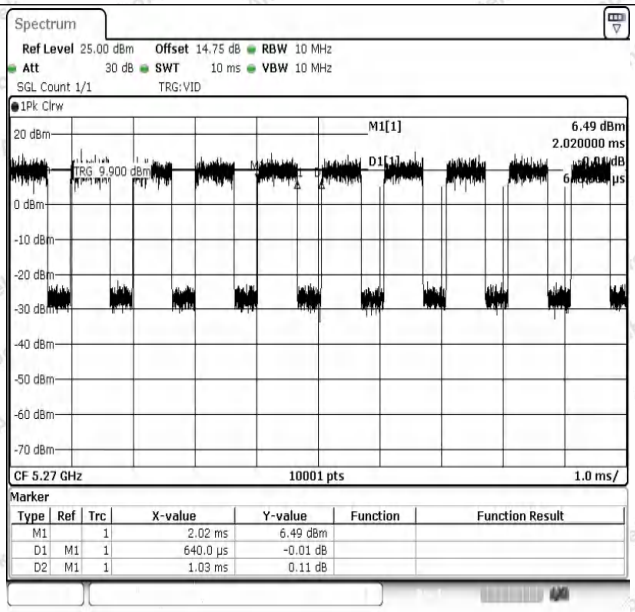

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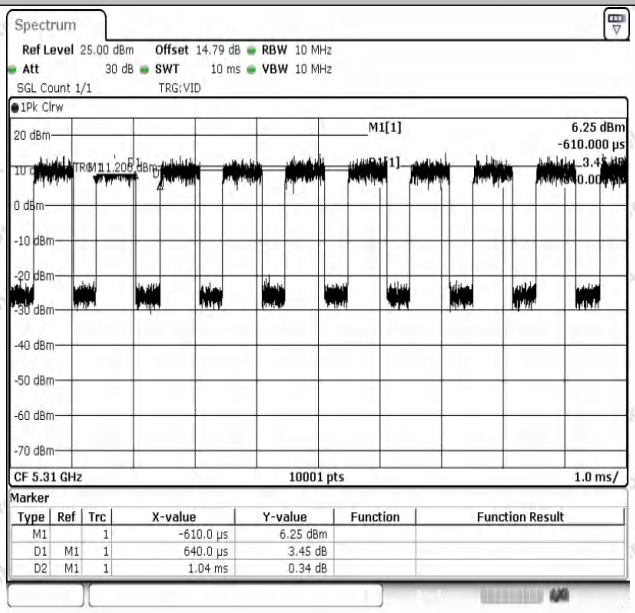

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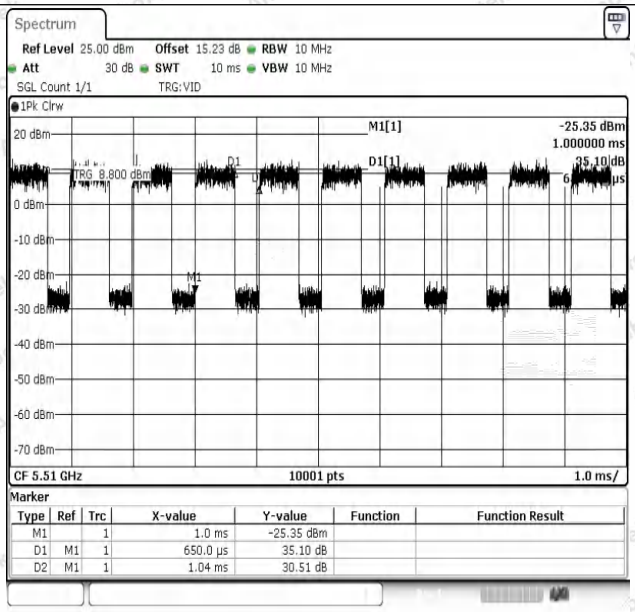

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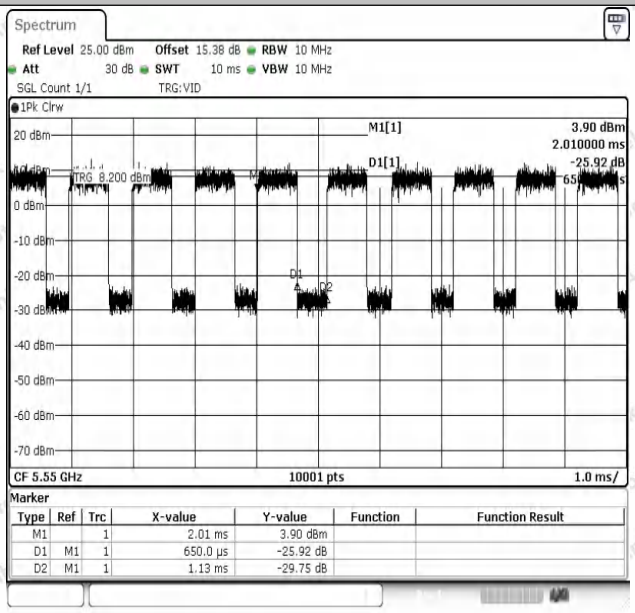

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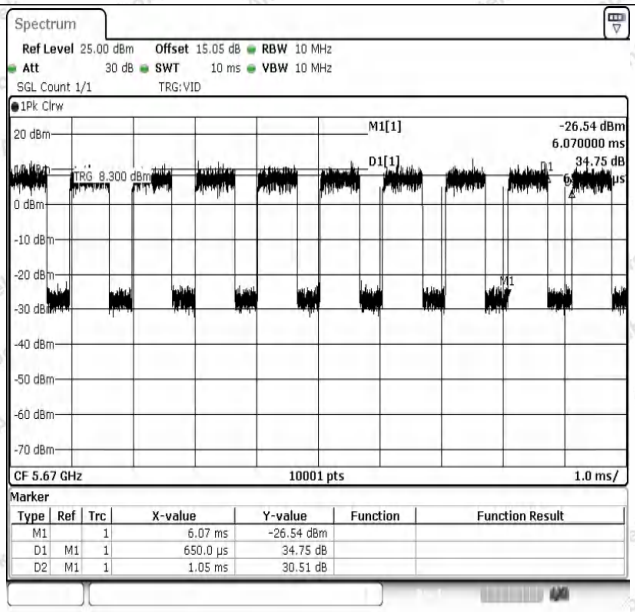

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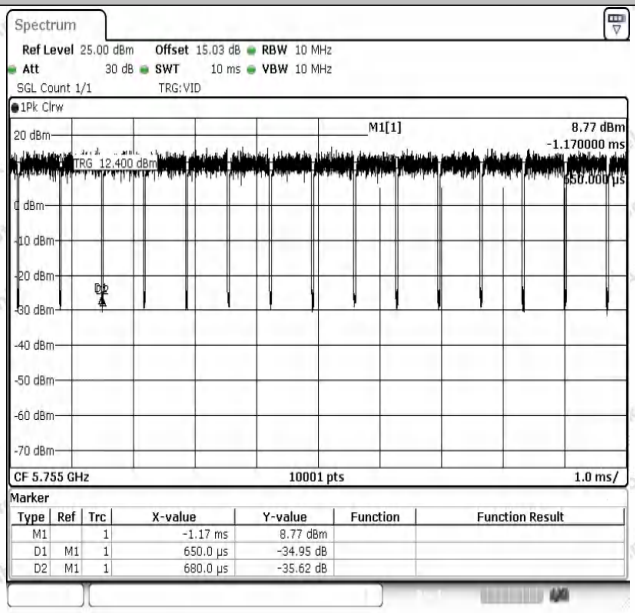

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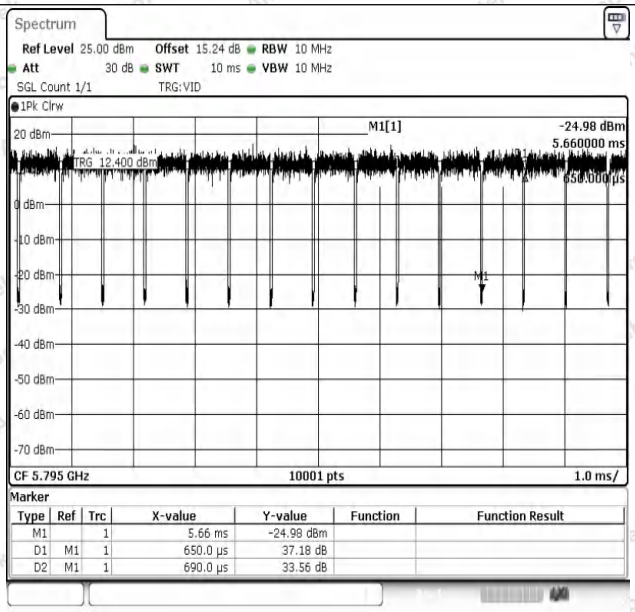

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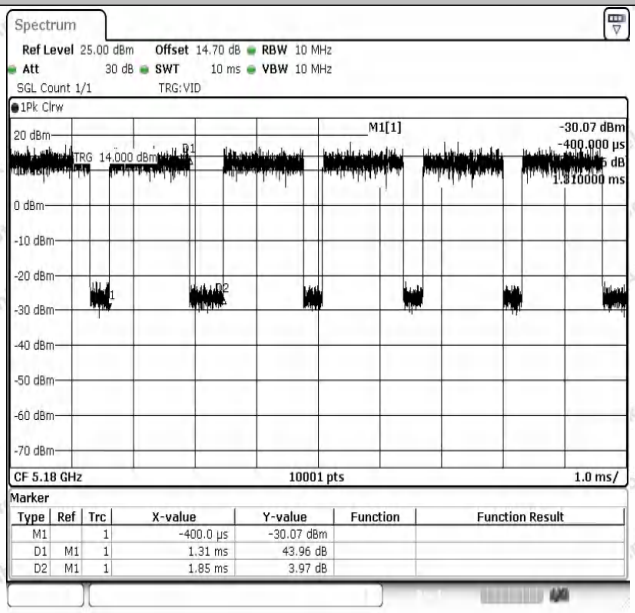

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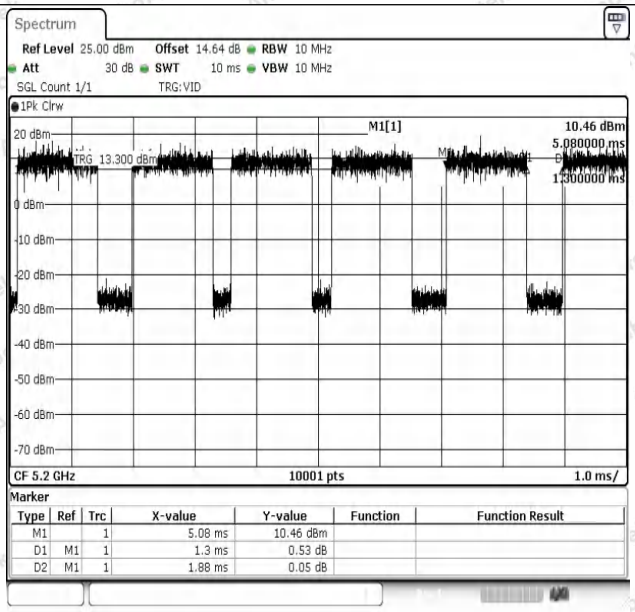

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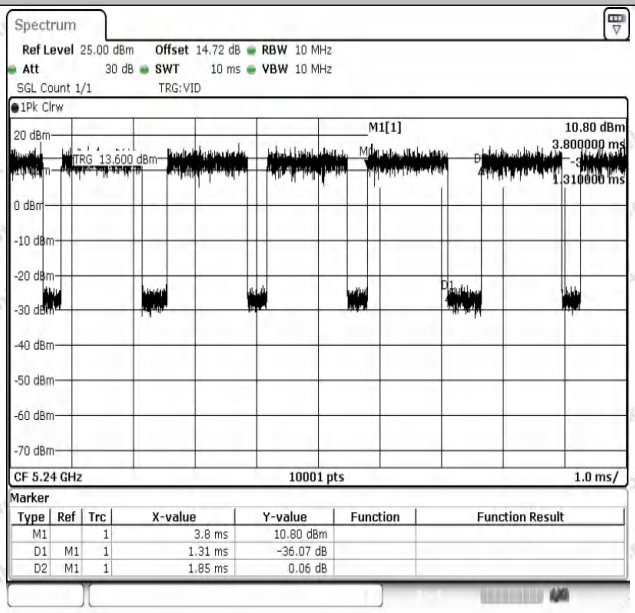

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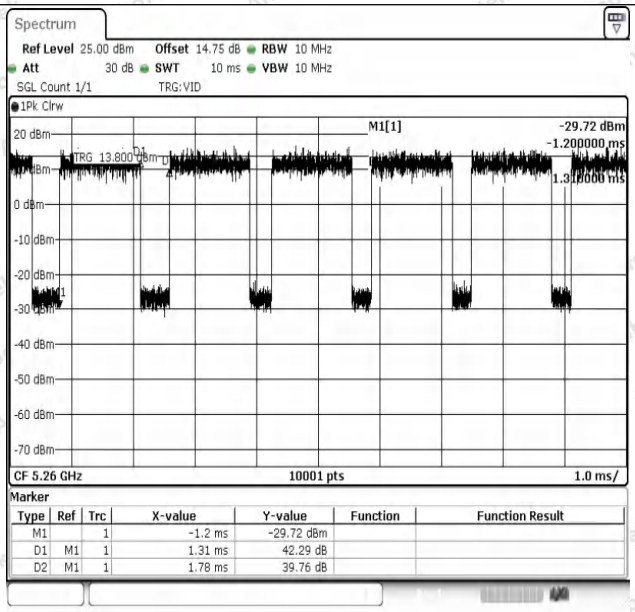

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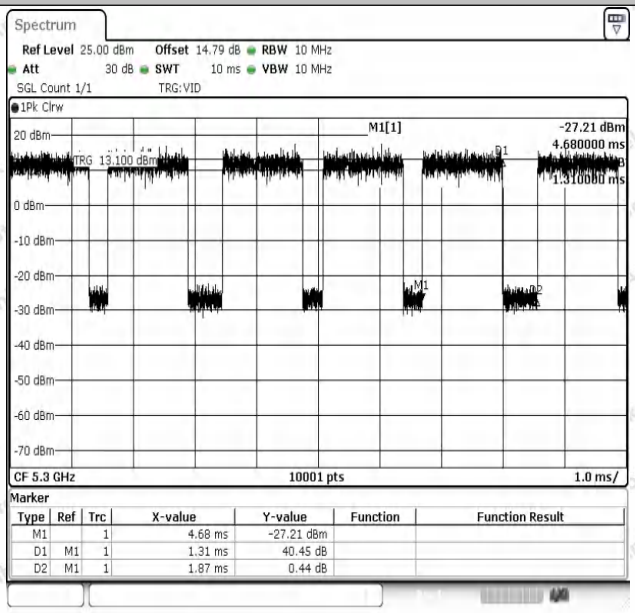

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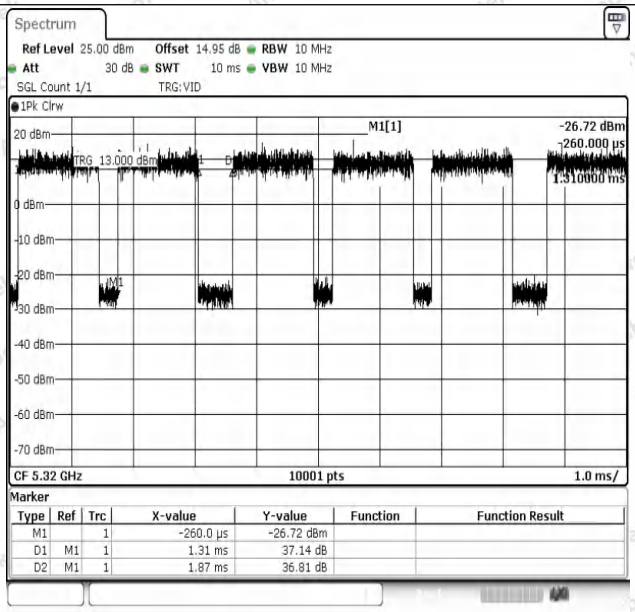

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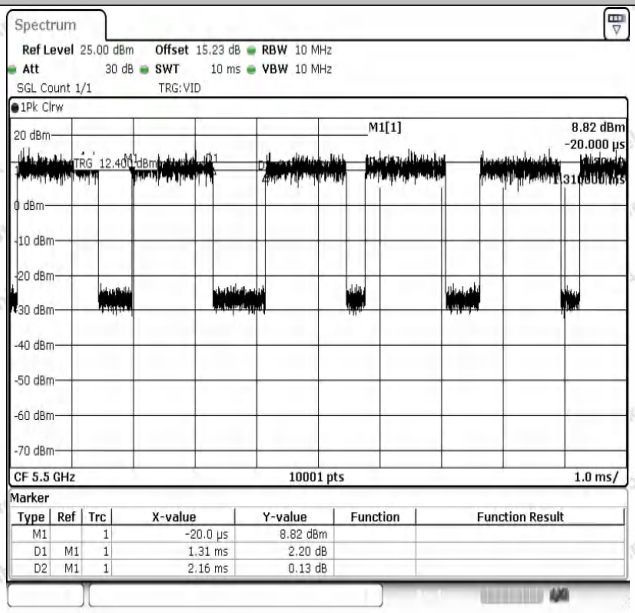

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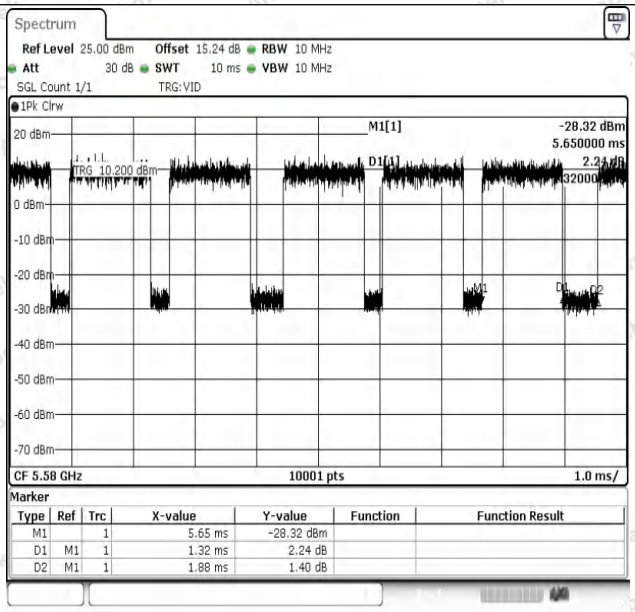

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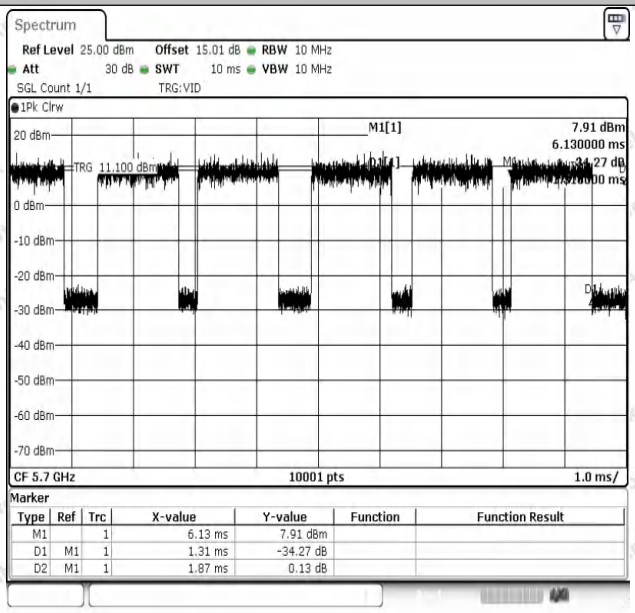

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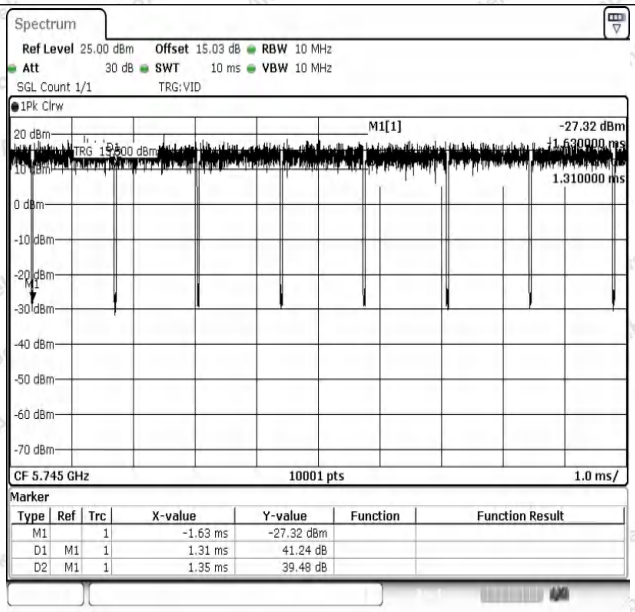

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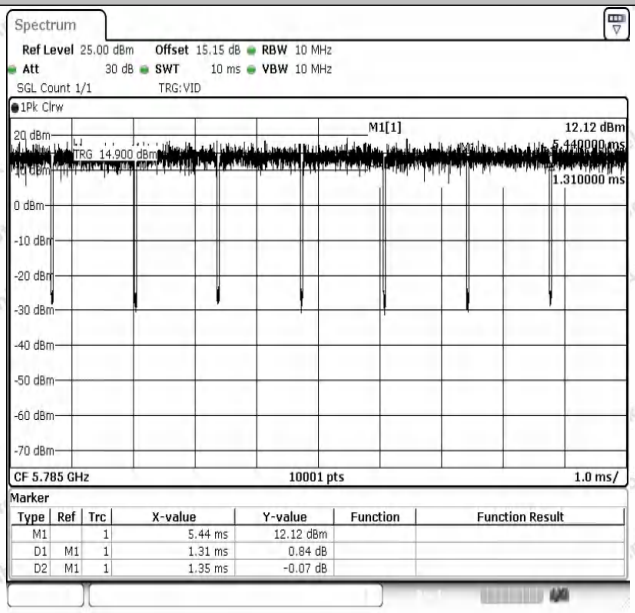

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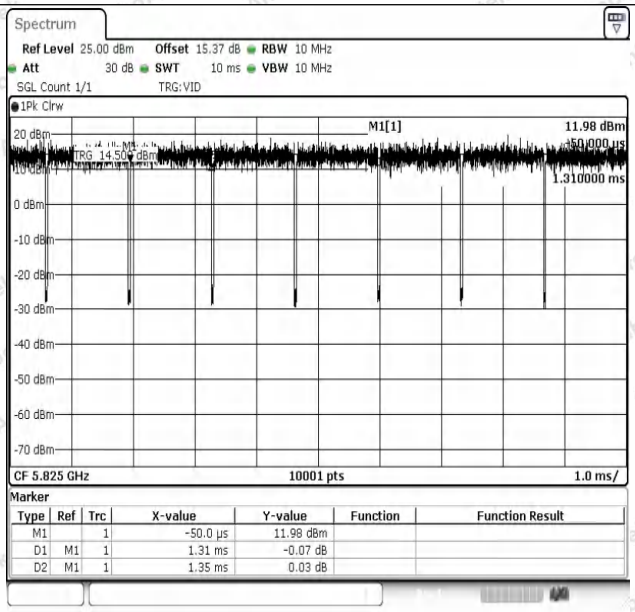

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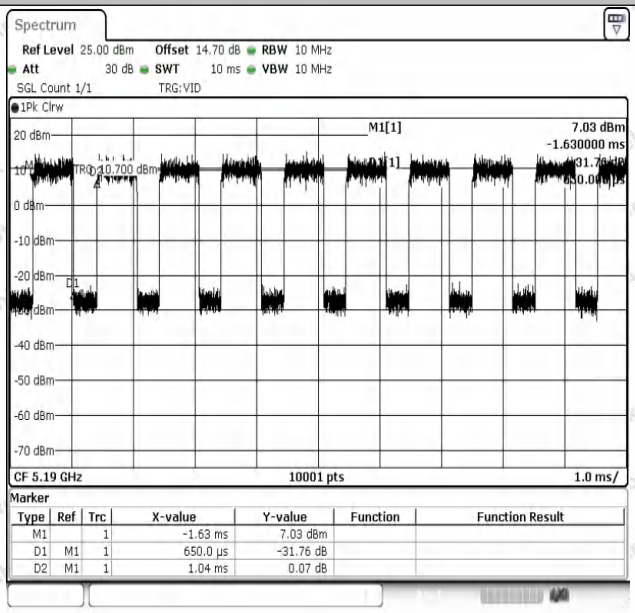

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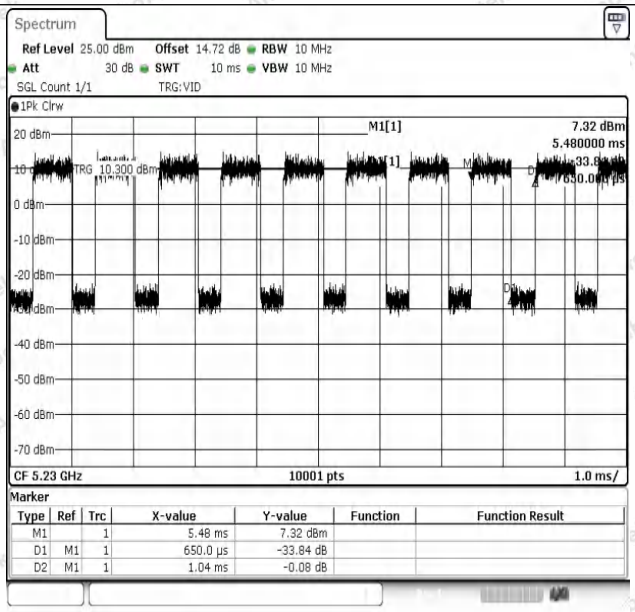

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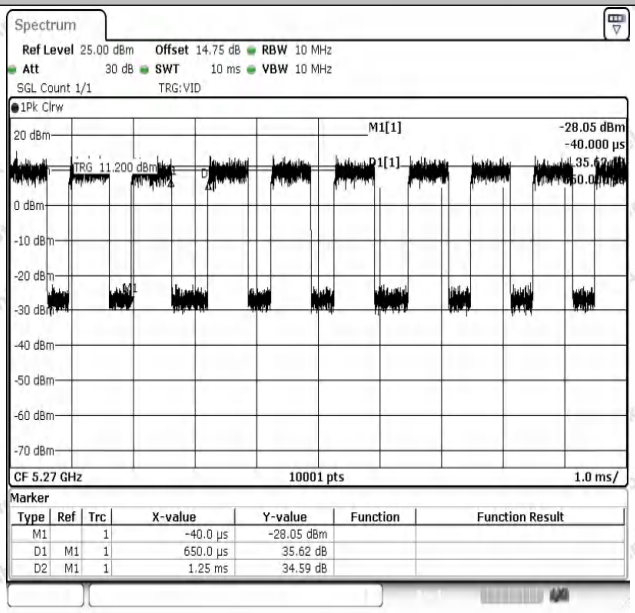

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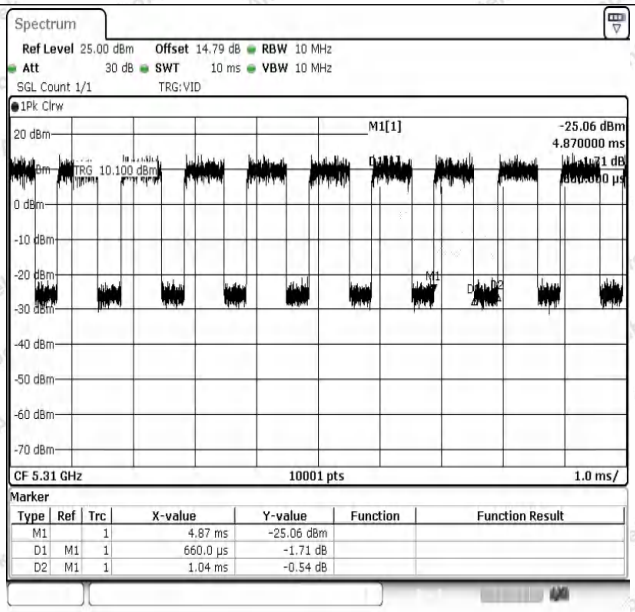

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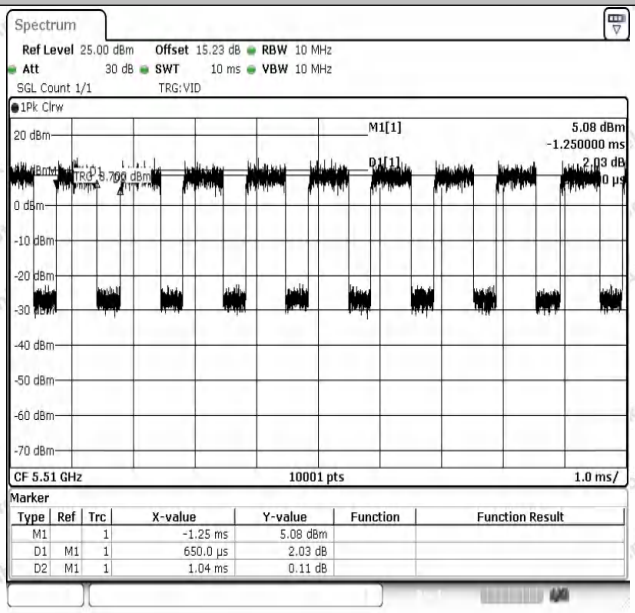

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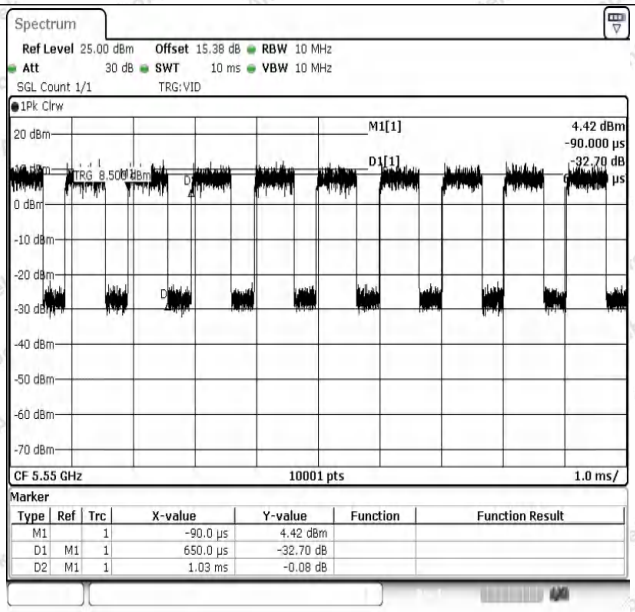

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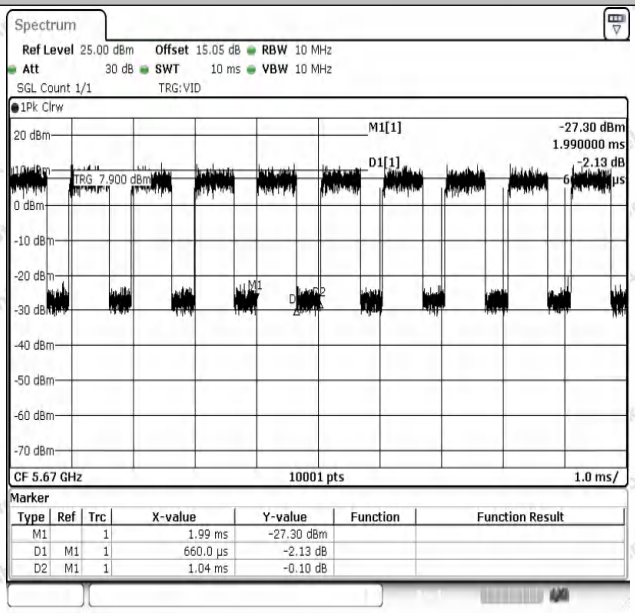

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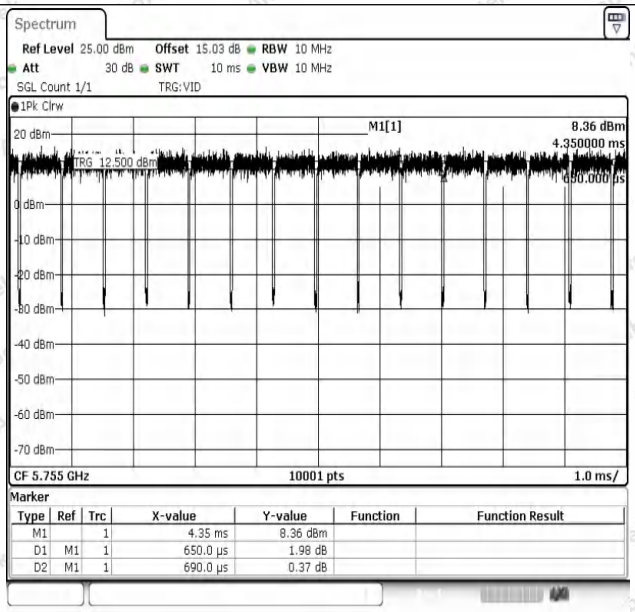

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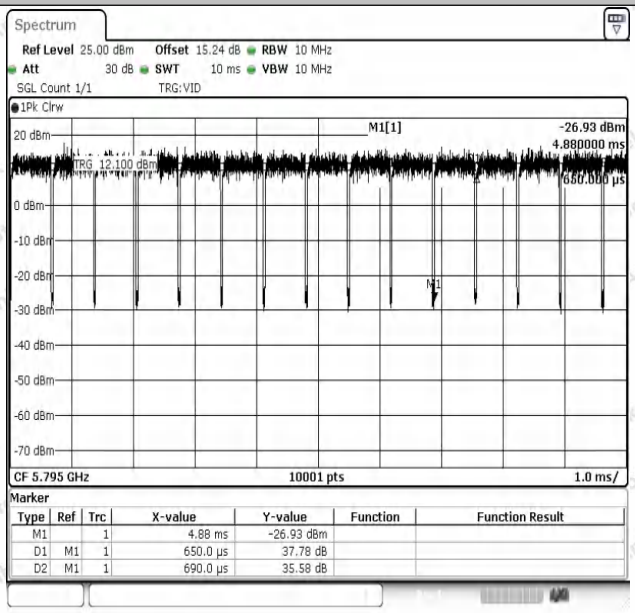

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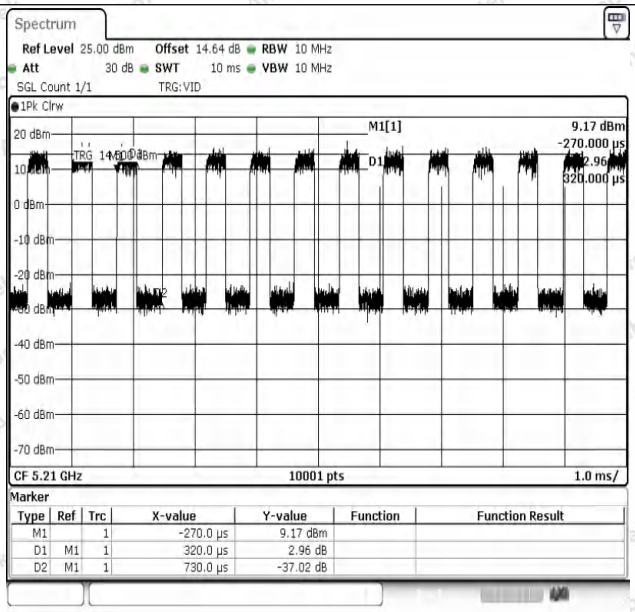

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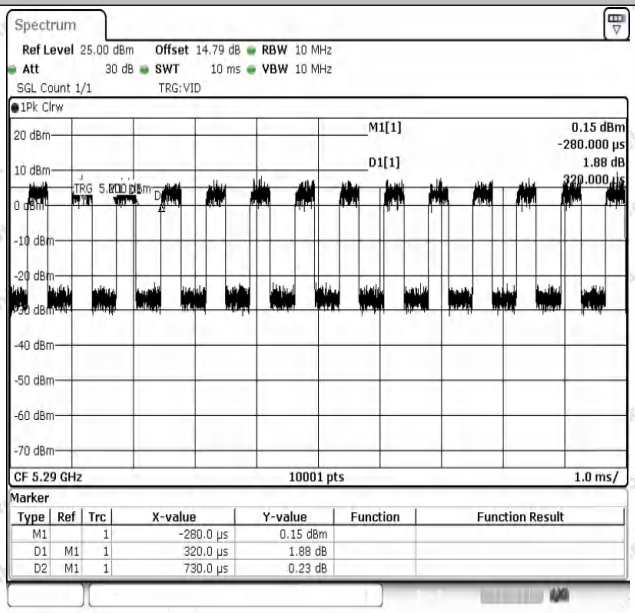

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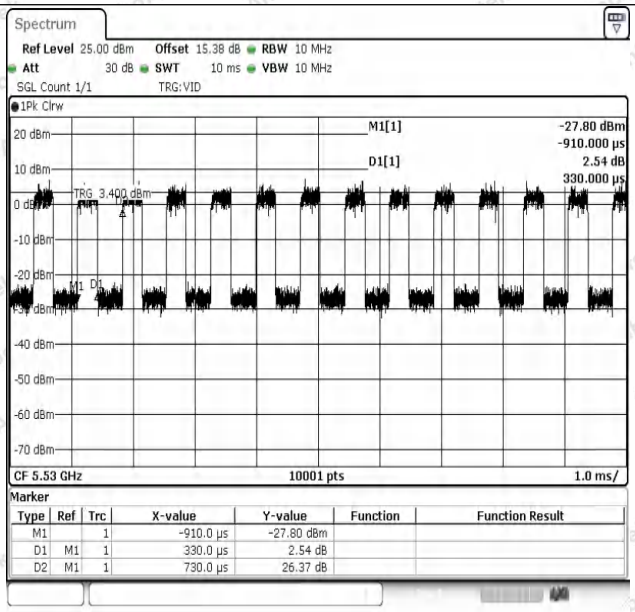

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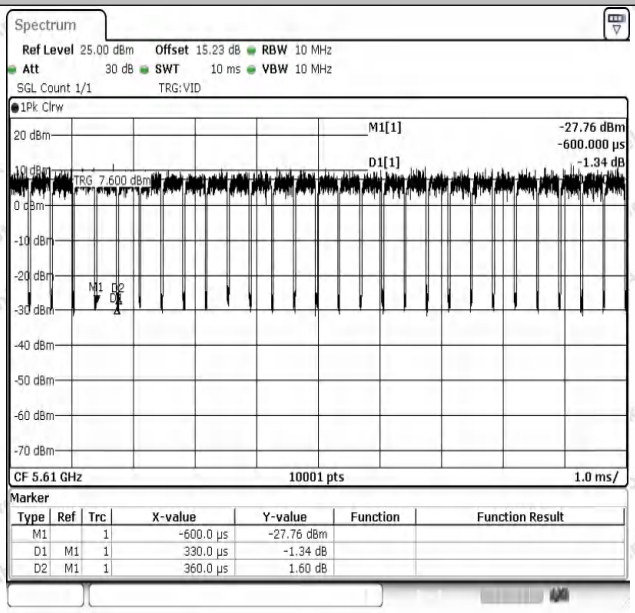

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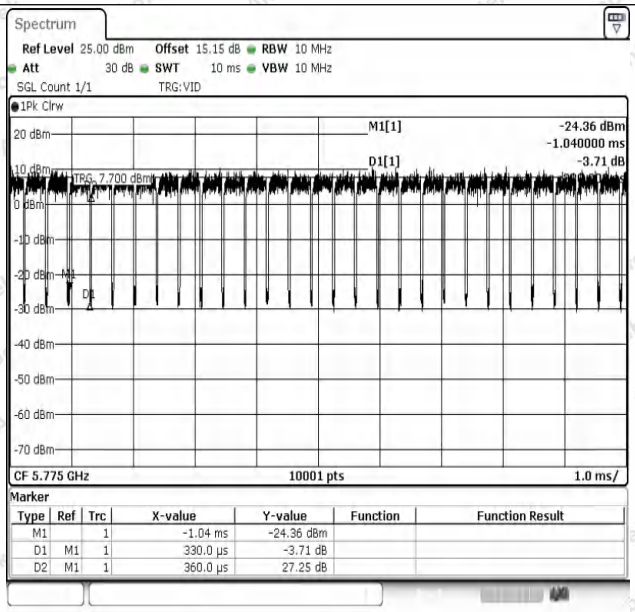


NTNV-11AC80SISO-Ant1-5775

Appendix C: Maximum conducted output power

Test Result Channel Power

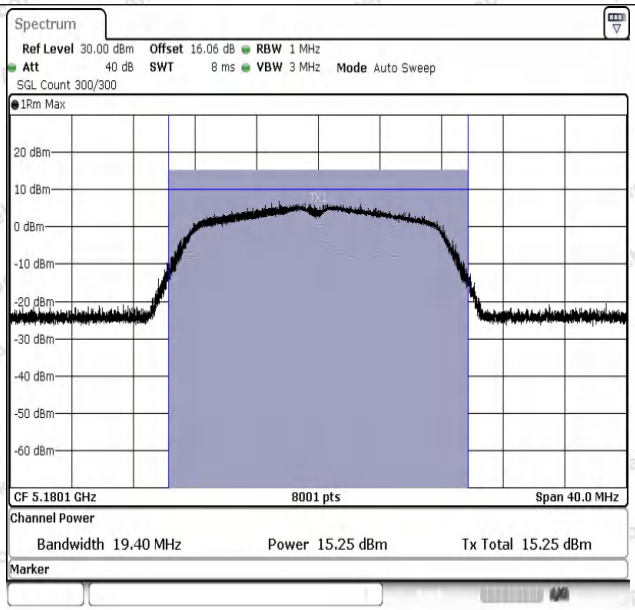
Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	---	13.89	73.16	1.36	15.25	≤23.98	0.25	15.50	---	PASS
11A	Ant1	5200	---	13.67	60.34	2.19	15.86	≤23.98	0.25	16.11	---	PASS
11A	Ant1	5240	---	14.05	72.77	1.38	15.43	≤23.98	0.25	15.68	---	PASS
11A	Ant1	5260	---	13.36	72.40	1.40	14.76	≤23.83	1.46	16.22	---	PASS
11A	Ant1	5300	---	13.50	73.68	1.33	14.83	≤23.81	1.46	16.29	---	PASS
11A	Ant1	5320	---	13.45	72.40	1.40	14.85	≤23.98	1.46	16.31	---	PASS
11A	Ant1	5500	---	12.25	72.40	1.40	13.65	≤23.88	1.46	15.11	---	PASS
11A	Ant1	5580	---	10.74	72.77	1.38	12.12	≤23.95	1.46	13.58	---	PASS
11A	Ant1	5700	---	11.24	72.40	1.40	12.64	≤23.81	1.46	14.10	---	PASS
11A	Ant1	5745	---	15.81	97.89	0.09	15.90	≤30.00	1.46	17.36	---	PASS
11A	Ant1	5785	---	15.68	97.20	0.12	15.80	≤30.00	1.46	17.26	---	PASS
11A	Ant1	5825	---	15.80	97.20	0.12	15.92	≤30.00	1.46	17.38	---	PASS
11N20SISO	Ant1	5180	---	13.77	69.89	1.56	15.33	≤23.98	0.25	15.58	---	PASS
11N20SISO	Ant1	5200	---	13.59	79.75	0.98	14.57	≤23.98	0.25	14.82	---	PASS
11N20SISO	Ant1	5240	---	13.91	69.89	1.56	15.47	≤23.98	0.25	15.72	---	PASS
11N20SISO	Ant1	5260	---	13.20	80.25	0.96	14.16	≤23.98	1.46	15.62	---	PASS
11N20SISO	Ant1	5300	---	13.33	69.89	1.56	14.89	≤23.98	1.46	16.35	---	PASS
11N20SISO	Ant1	5320	---	13.35	70.27	1.53	14.88	≤23.97	1.46	16.34	---	PASS
11N20SISO	Ant1	5500	---	11.99	69.89	1.56	13.55	≤23.98	1.46	15.01	---	PASS
11N20SISO	Ant1	5580	---	10.61	69.89	1.56	12.17	≤23.94	1.46	13.63	---	PASS
11N20SISO	Ant1	5700	---	11.12	71.43	1.46	12.58	≤23.98	1.46	14.04	---	PASS
11N20SISO	Ant1	5745	---	15.67	97.01	0.13	15.80	≤30.00	1.46	17.26	---	PASS
11N20SISO	Ant1	5785	---	15.62	97.74	0.10	15.72	≤30.00	1.46	17.18	---	PASS
11N20SI	Ant1	5825	---	15.64	97.01	0.13	15.77	≤30.00	1.46	17.23	---	PASS

SO												
11N40SI SO	Ant1	5190	---	13.82	61.54	2.11	15.93	≤23.98	0.25	16.18	---	PASS
11N40SI SO	Ant1	5230	---	14.06	63.11	2.00	16.06	≤23.98	0.25	16.31	---	PASS
11N40SI SO	Ant1	5270	---	13.36	62.14	2.07	15.43	≤23.98	1.46	16.89	---	PASS
11N40SI SO	Ant1	5310	---	13.47	61.54	2.11	15.58	≤23.98	1.46	17.04	---	PASS
11N40SI SO	Ant1	5510	---	12.11	62.50	2.04	14.15	≤23.98	1.46	15.61	---	PASS
11N40SI SO	Ant1	5550	---	11.37	57.52	2.40	13.77	≤23.98	1.46	15.23	---	PASS
11N40SI SO	Ant1	5670	---	11.03	61.90	2.08	13.11	≤23.98	1.46	14.57	---	PASS
11N40SI SO	Ant1	5755	---	15.89	95.59	0.20	16.09	≤30.00	1.46	17.55	---	PASS
11N40SI SO	Ant1	5795	---	15.80	94.20	0.26	16.06	≤30.00	1.46	17.52	---	PASS
11AC20S ISO	Ant1	5180	---	13.79	70.81	1.50	15.29	≤23.98	0.25	15.54	---	PASS
11AC20S ISO	Ant1	5200	---	13.54	69.15	1.60	15.14	≤23.98	0.25	15.39	---	PASS
11AC20S ISO	Ant1	5240	---	13.87	70.81	1.50	15.37	≤23.98	0.25	15.62	---	PASS
11AC20S ISO	Ant1	5260	---	13.19	73.60	1.33	14.52	≤23.98	1.46	15.98	---	PASS
11AC20S ISO	Ant1	5300	---	13.28	70.05	1.55	14.83	≤23.92	1.46	16.29	---	PASS
11AC20S ISO	Ant1	5320	---	13.29	70.05	1.55	14.84	≤23.98	1.46	16.30	---	PASS
11AC20S ISO	Ant1	5500	---	12.10	60.65	2.17	14.27	≤23.91	1.46	15.73	---	PASS
11AC20S ISO	Ant1	5580	---	10.56	70.21	1.54	12.10	≤23.96	1.46	13.56	---	PASS
11AC20S ISO	Ant1	5700	---	11.08	70.05	1.55	12.63	≤23.92	1.46	14.09	---	PASS
11AC20S ISO	Ant1	5745	---	15.63	97.04	0.13	15.76	≤30.00	1.46	17.22	---	PASS
11AC20S ISO	Ant1	5785	---	15.56	97.04	0.13	15.69	≤30.00	1.46	17.15	---	PASS
11AC20S ISO	Ant1	5825	---	15.61	97.04	0.13	15.74	≤30.00	1.46	17.20	---	PASS

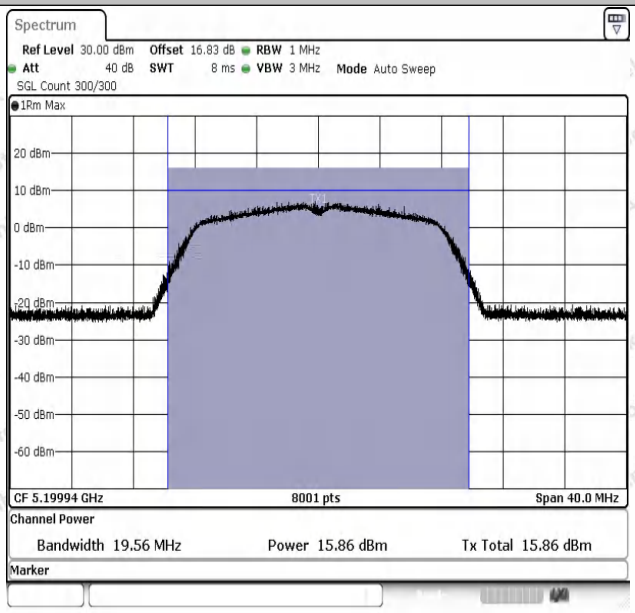
11AC40S ISO	Ant1	5190	---	13.89	62.50	2.04	15.93	≤23.98	0.25	16.18	---	PASS
11AC40S ISO	Ant1	5230	---	14.10	62.50	2.04	16.14	≤23.98	0.25	16.39	---	PASS
11AC40S ISO	Ant1	5270	---	13.38	52.00	2.84	16.22	≤23.98	1.46	17.68	---	PASS
11AC40S ISO	Ant1	5310	---	13.43	63.46	1.97	15.40	≤23.98	1.46	16.86	---	PASS
11AC40S ISO	Ant1	5510	---	12.10	62.50	2.04	14.14	≤23.98	1.46	15.60	---	PASS
11AC40S ISO	Ant1	5550	---	11.37	63.11	2.00	13.37	≤23.98	1.46	14.83	---	PASS
11AC40S ISO	Ant1	5670	---	11.07	63.46	1.97	13.04	≤23.98	1.46	14.50	---	PASS
11AC40S ISO	Ant1	5755	---	15.84	94.20	0.26	16.10	≤30.00	1.46	17.56	---	PASS
11AC40S ISO	Ant1	5795	---	15.90	94.20	0.26	16.16	≤30.00	1.46	17.62	---	PASS
11AC80S ISO	Ant1	5210	---	11.73	43.84	3.58	15.31	≤23.98	0.25	15.56	---	PASS
11AC80S ISO	Ant1	5290	---	11.36	43.84	3.58	14.94	≤23.98	1.46	16.40	---	PASS
11AC80S ISO	Ant1	5530	---	9.84	45.21	3.45	13.29	≤23.98	1.46	14.75	---	PASS
11AC80S ISO	Ant1	5610	---	13.86	88.89	0.51	14.37	≤23.98	1.46	15.83	---	PASS
11AC80S ISO	Ant1	5775	---	13.68	91.67	0.38	14.06	≤30.00	1.46	15.52	---	PASS

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

Test Graphs Channel Power



11A-Ant1-5180-PASS



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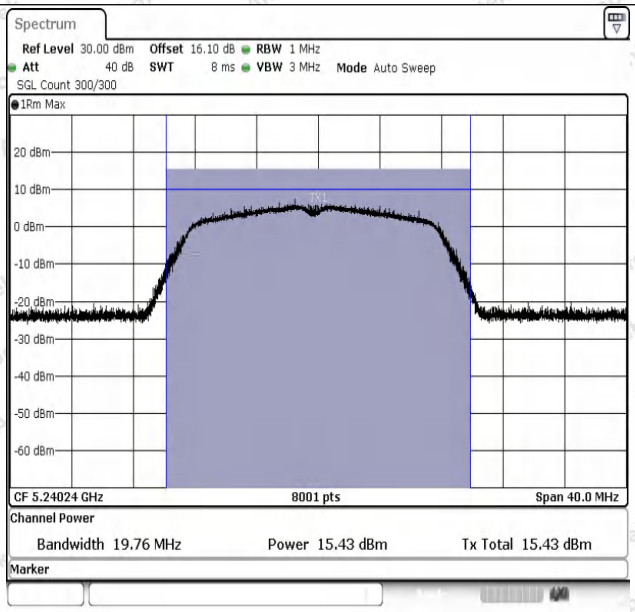

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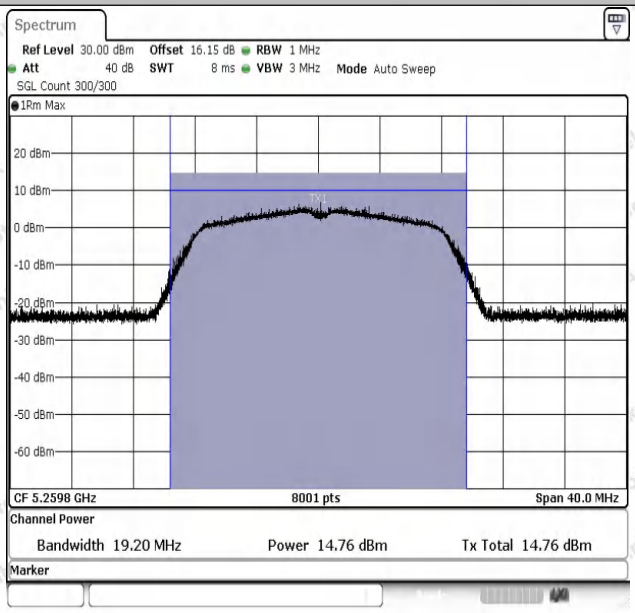

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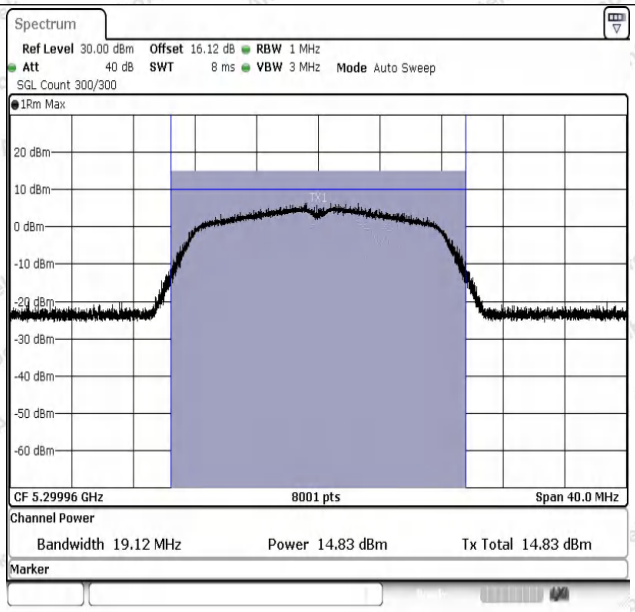
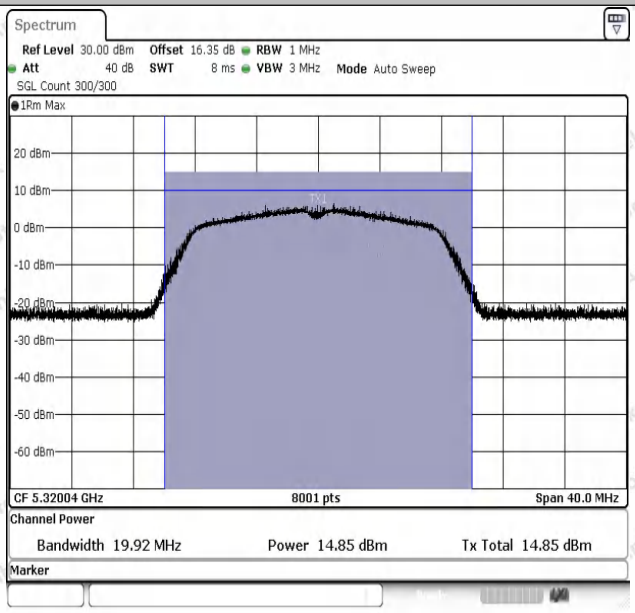
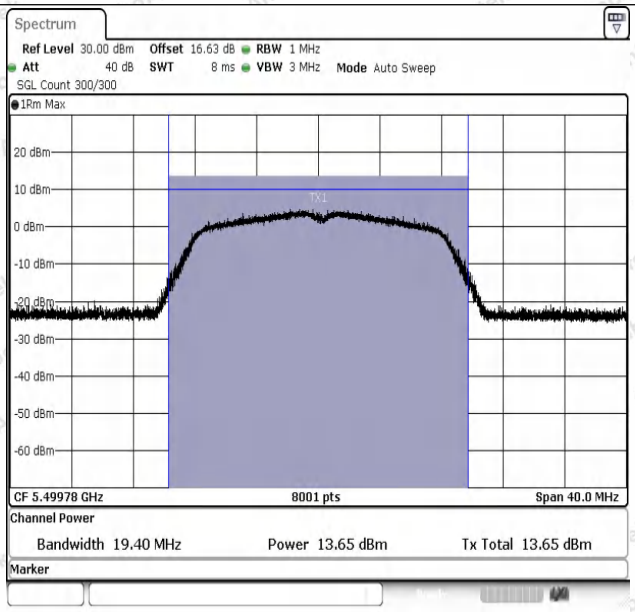


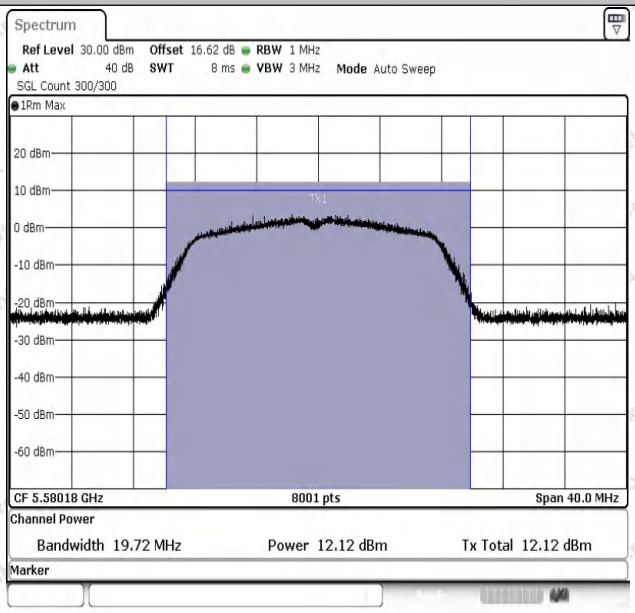
11A-Ant1-5300-PASS



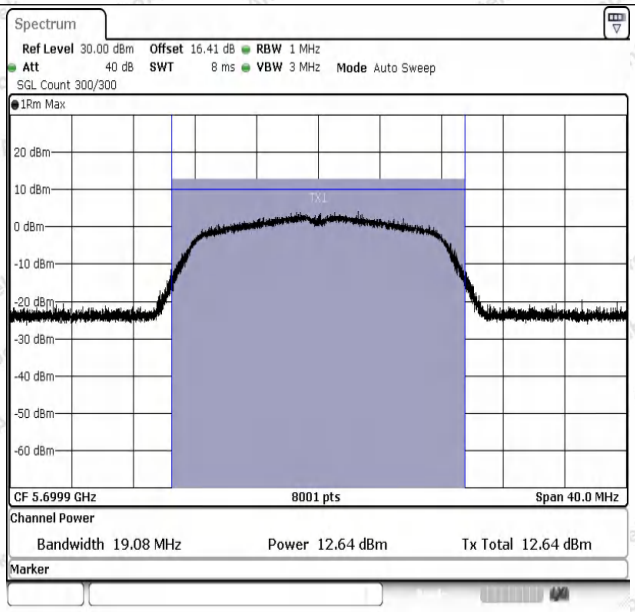
11A-Ant1-5320-PASS



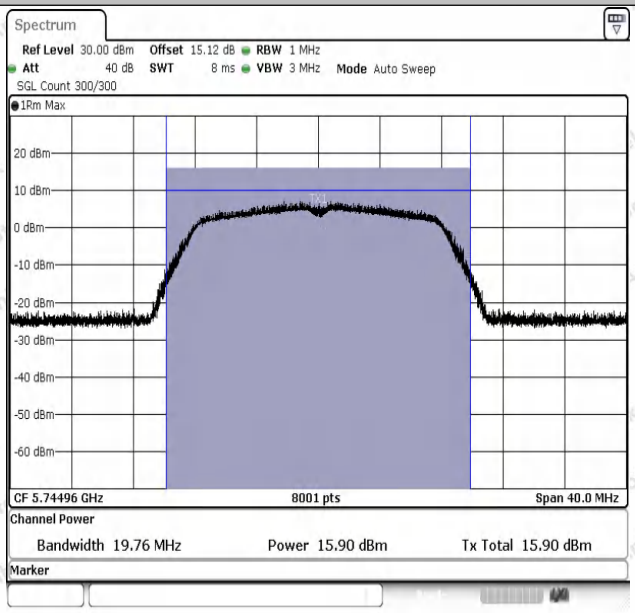
11A-Ant1-5500-PASS



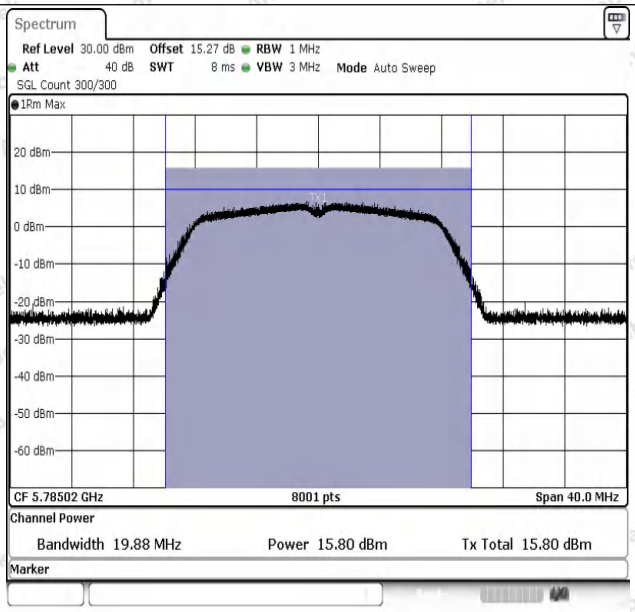
11A-Ant1-5580-PASS



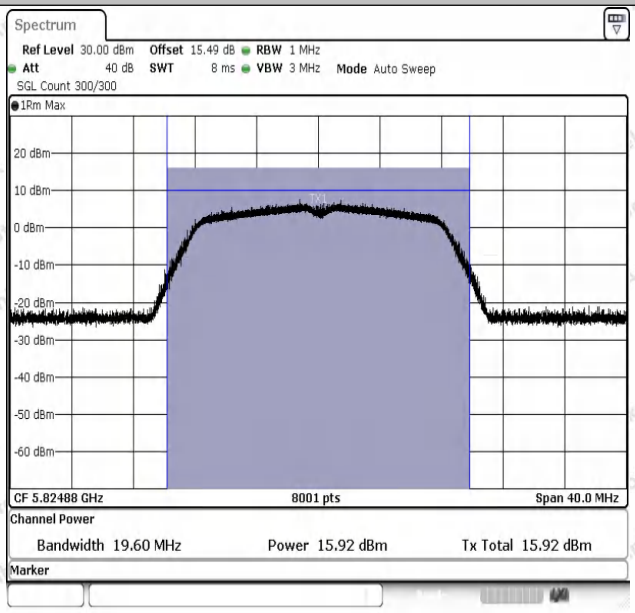
11A-Ant1-5700-PASS



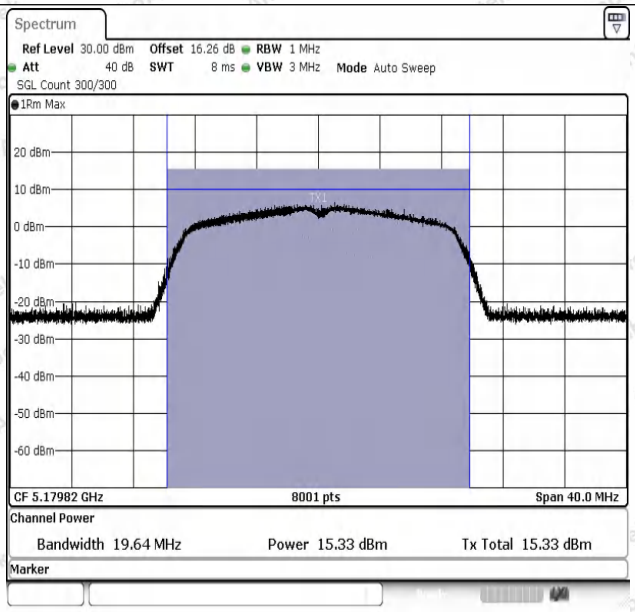
11A-Ant1-5745-PASS



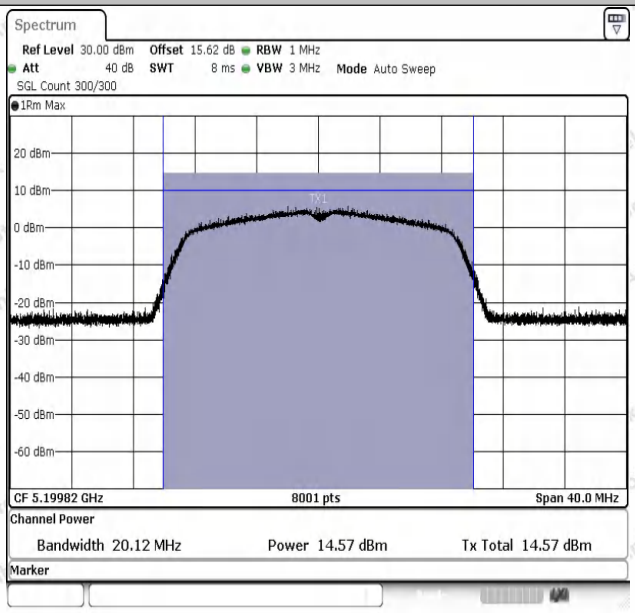
11A-Ant1-5785-PASS



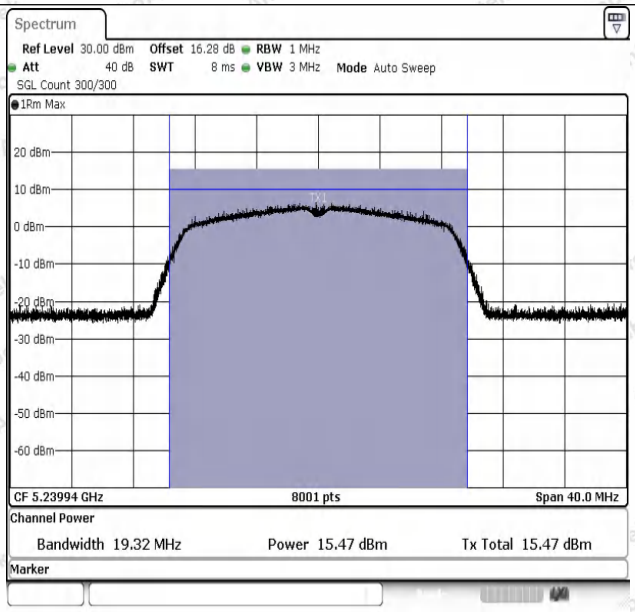
11A-Ant1-5825-PASS



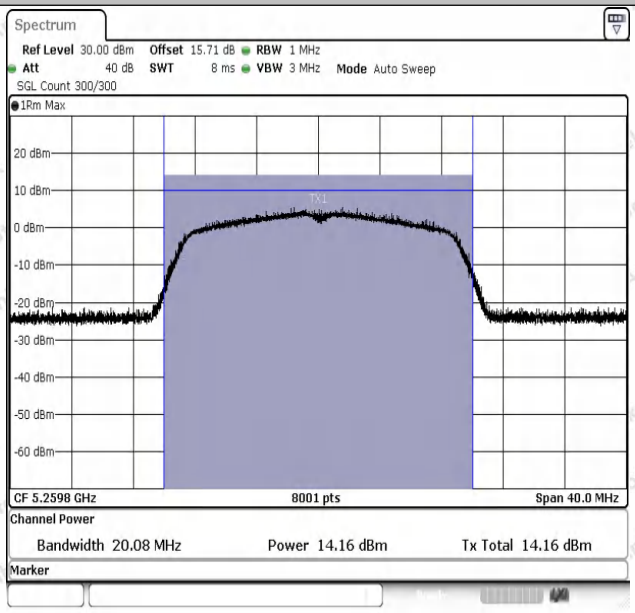
11N20SISO-Ant1-5180-PASS



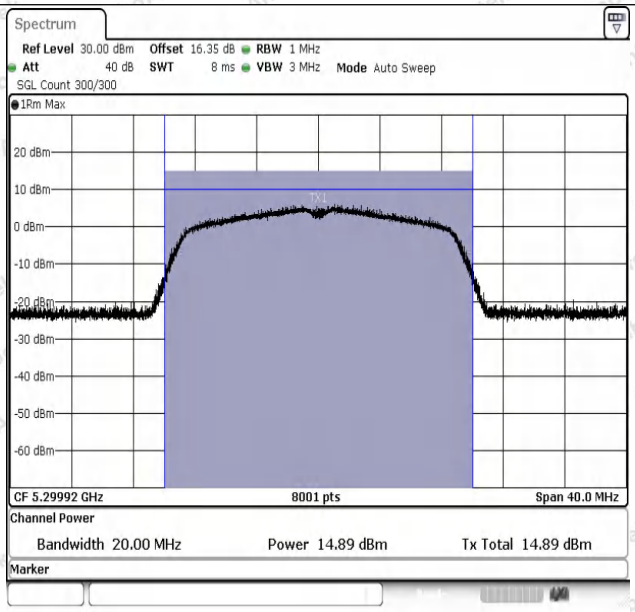
11N20SISO-Ant1-5200-PASS



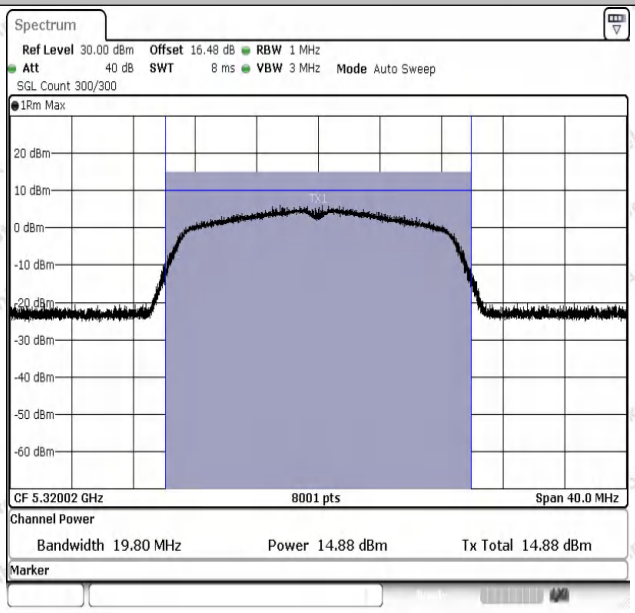
11N20SISO-Ant1-5240-PASS



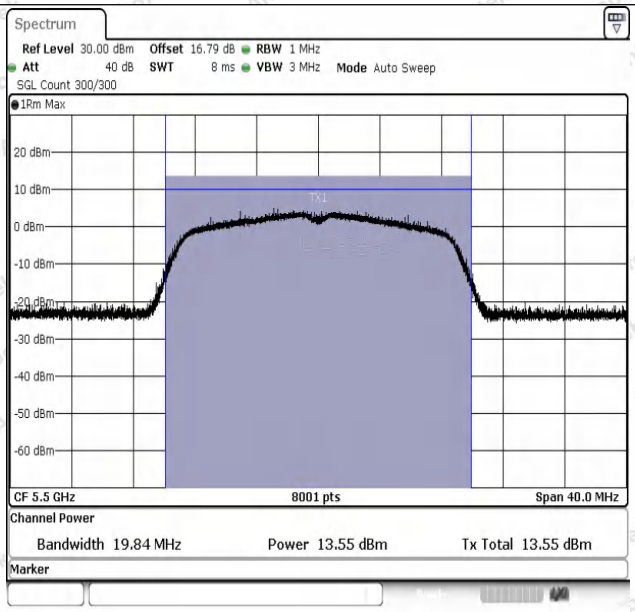
11N20SISO-Ant1-5260-PASS



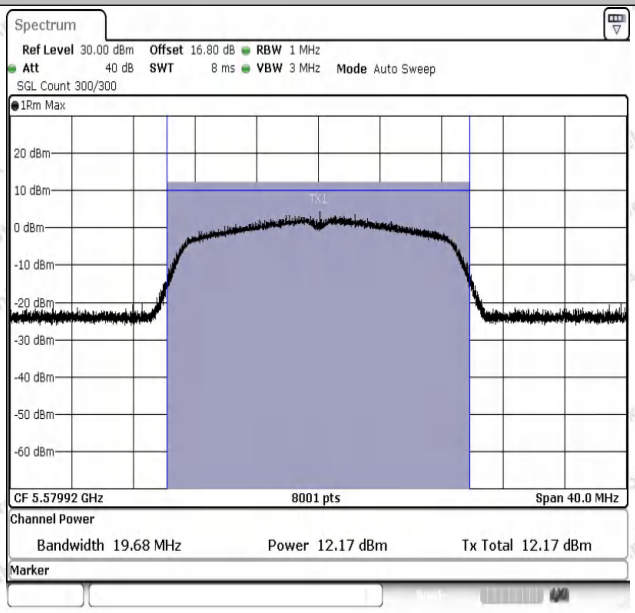
11N20SISO-Ant1-5300-PASS



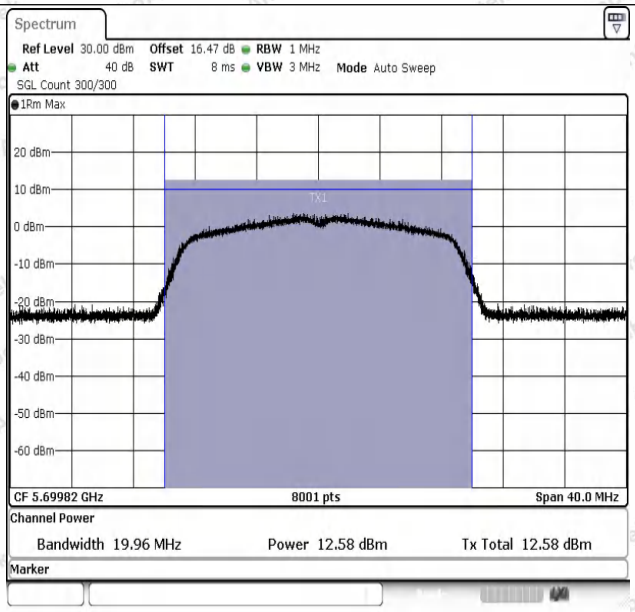
11N20SISO-Ant1-5320-PASS



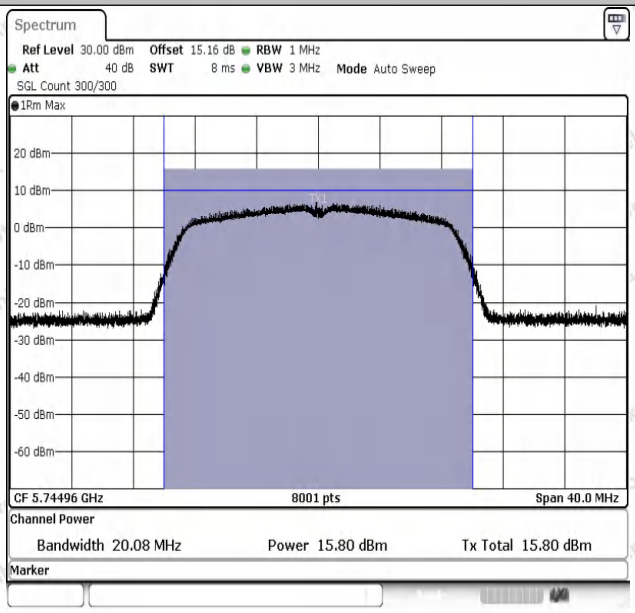
11N20SISO-Ant1-5500-PASS



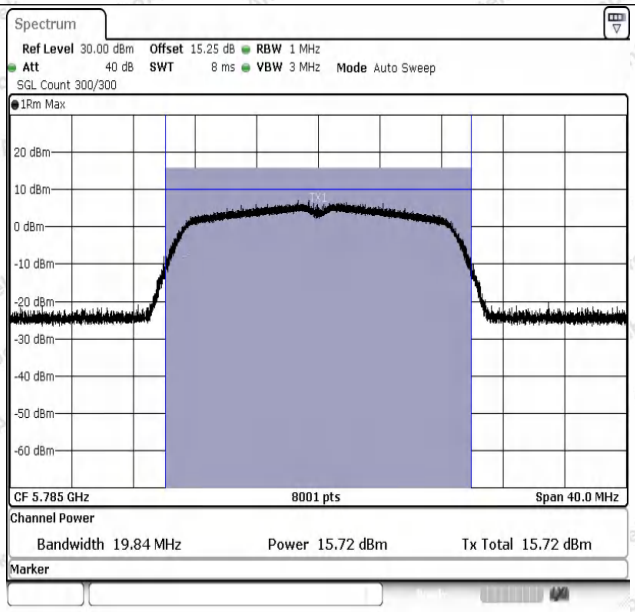
11N20SISO-Ant1-5580-PASS



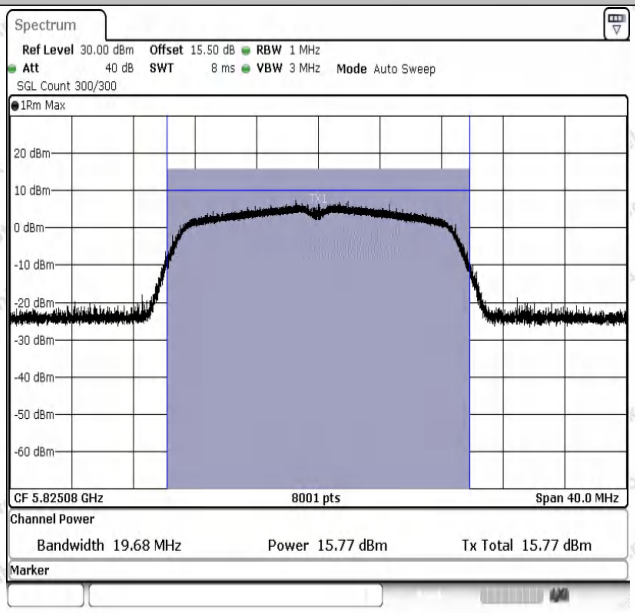
11N20SISO-Ant1-5700-PASS



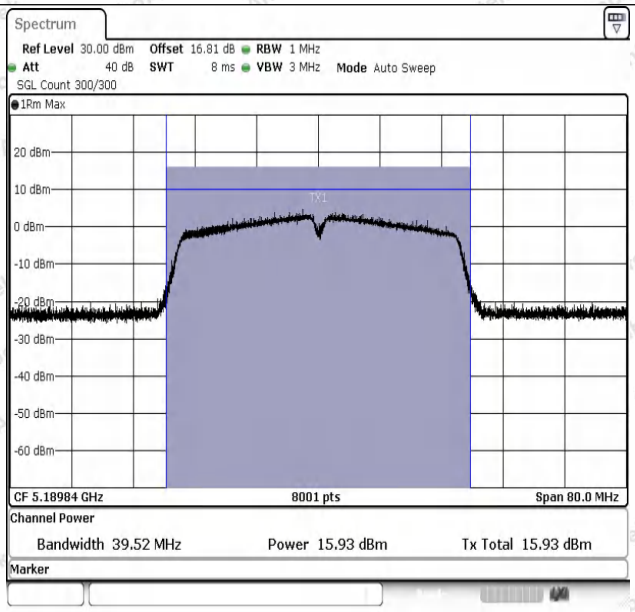
11N20SISO-Ant1-5745-PASS



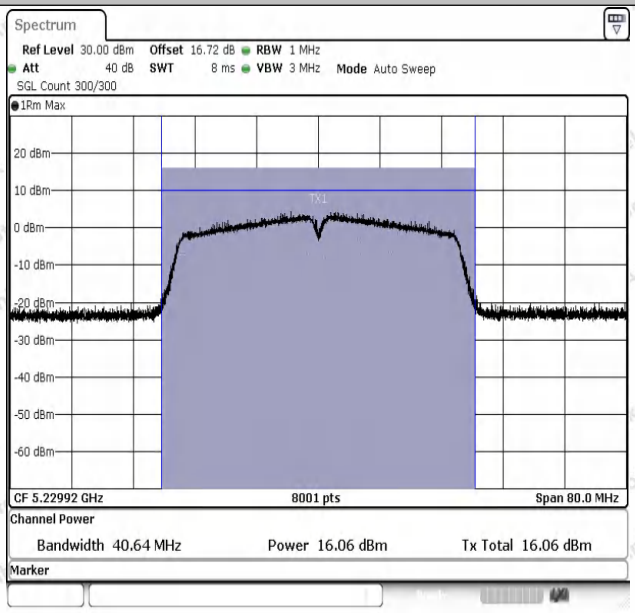
11N20SISO-Ant1-5785-PASS



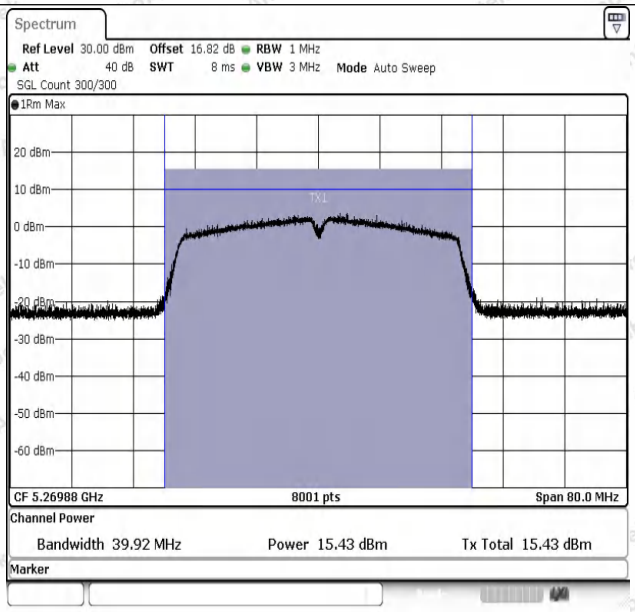
11N20SISO-Ant1-5825-PASS



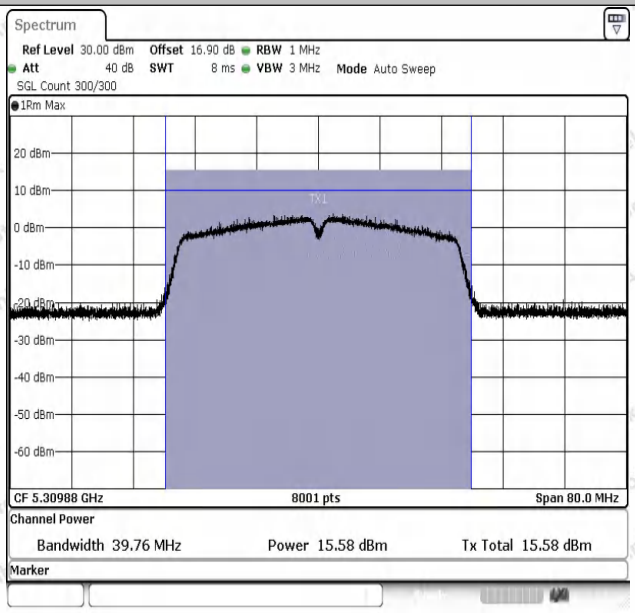
11N40SISO-Ant1-5190-PASS



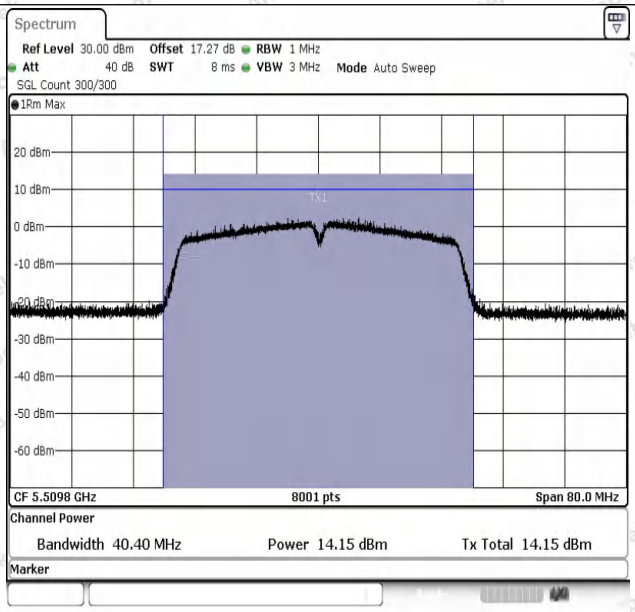
11N40SISO-Ant1-5230-PASS



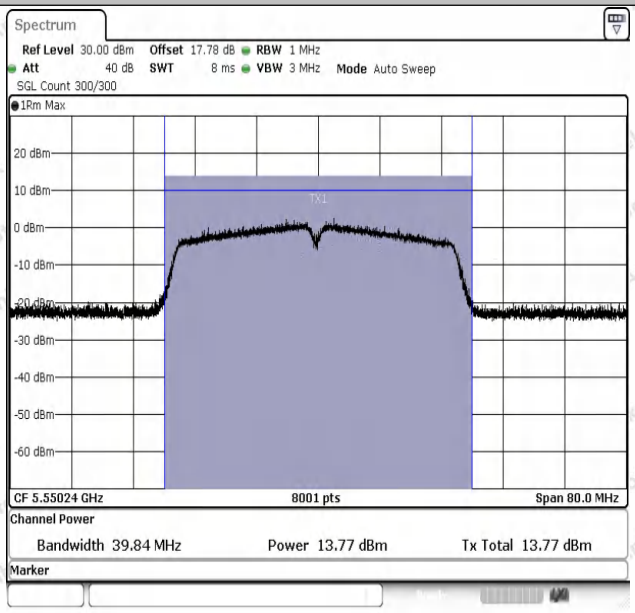
11N40SISO-Ant1-5270-PASS



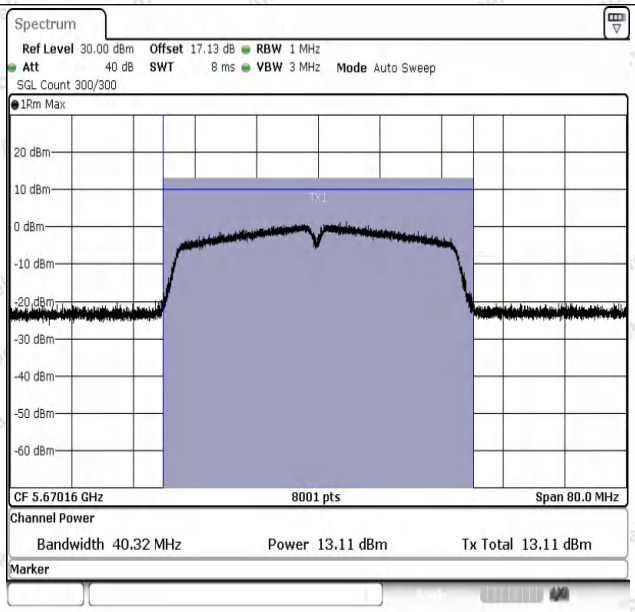
11N40SISO-Ant1-5310-PASS



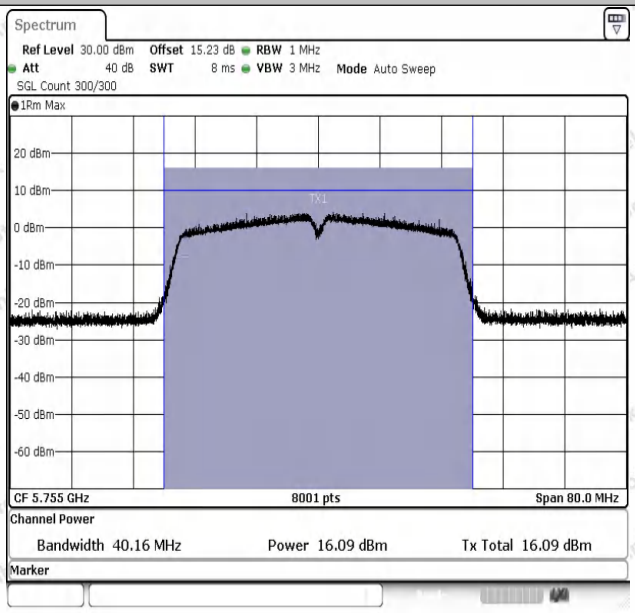
11N40SISO-Ant1-5510-PASS



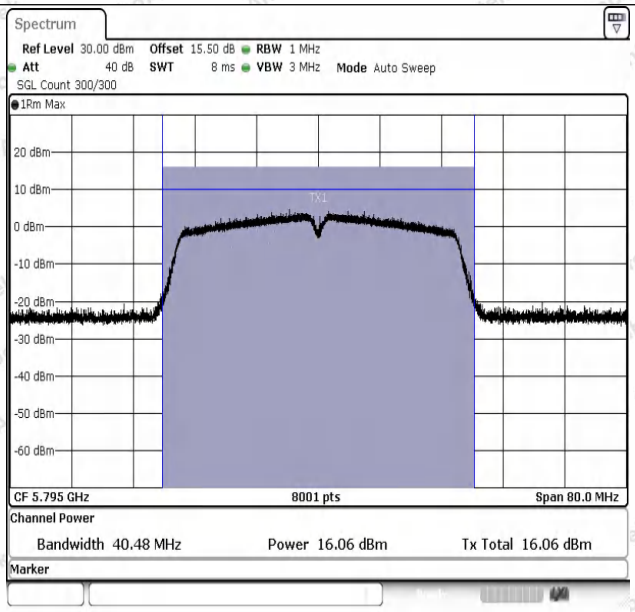
11N40SISO-Ant1-5550-PASS



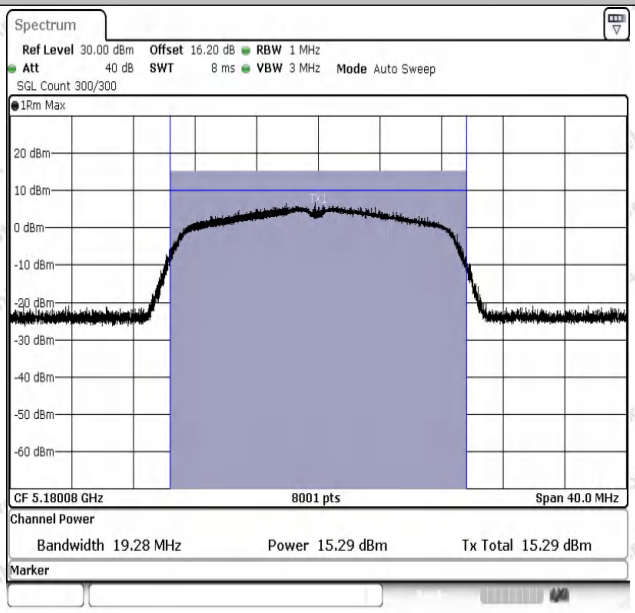
11N40SISO-Ant1-5670-PASS



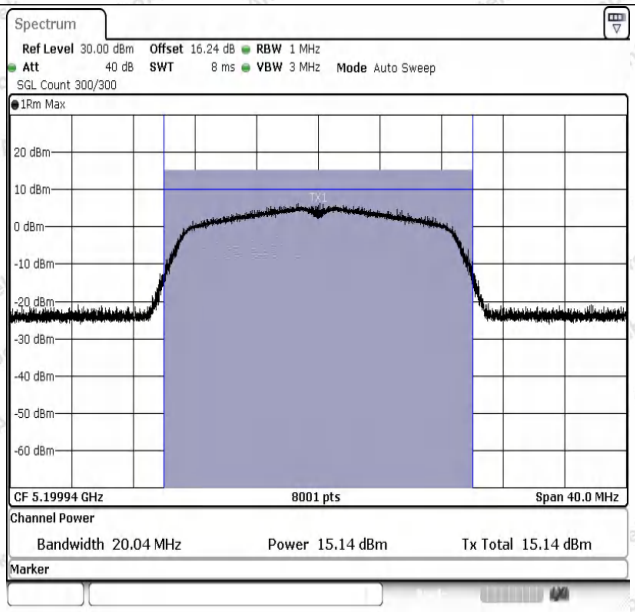
11N40SISO-Ant1-5755-PASS



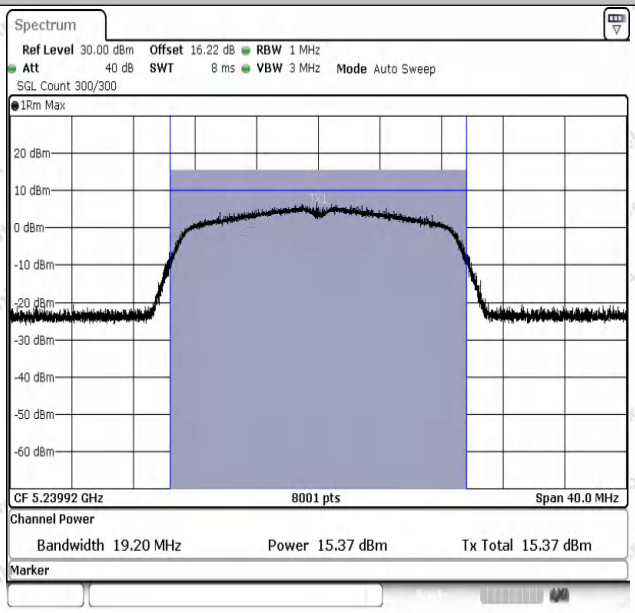
11N40SISO-Ant1-5795-PASS



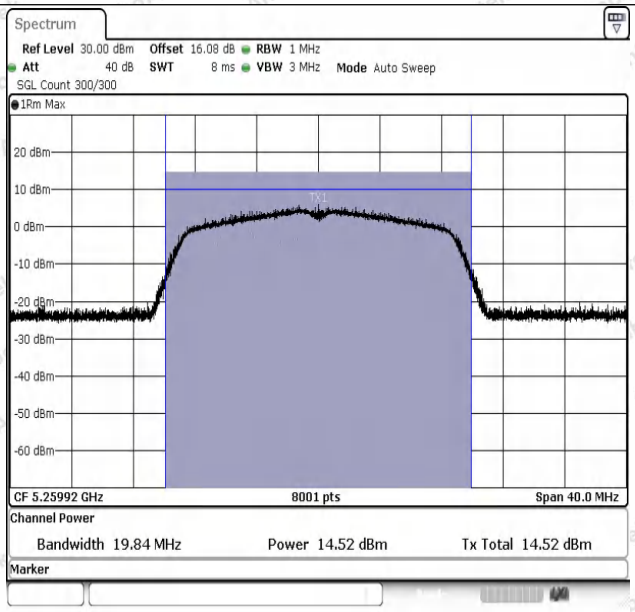
11AC20SISO-Ant1-5180-PASS



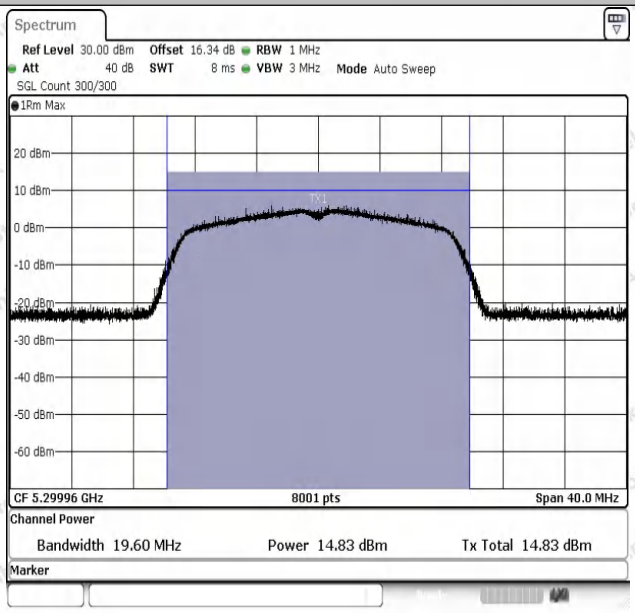
11AC20SISO-Ant1-5200-PASS



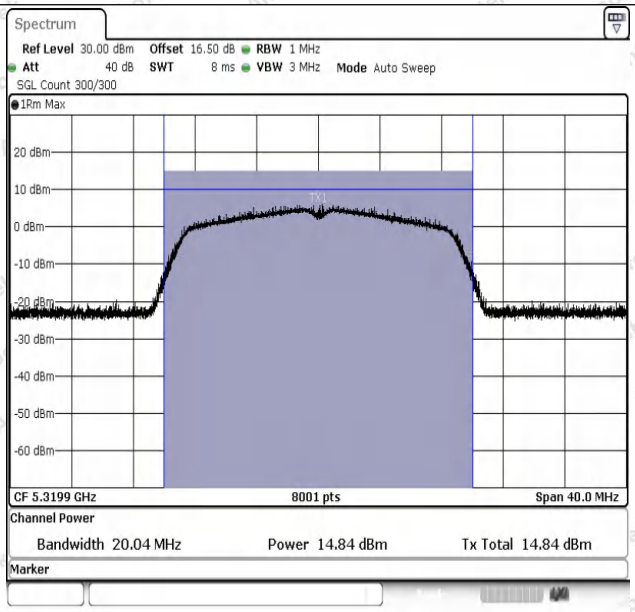
11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5260-PASS



11AC20SISO-Ant1-5300-PASS



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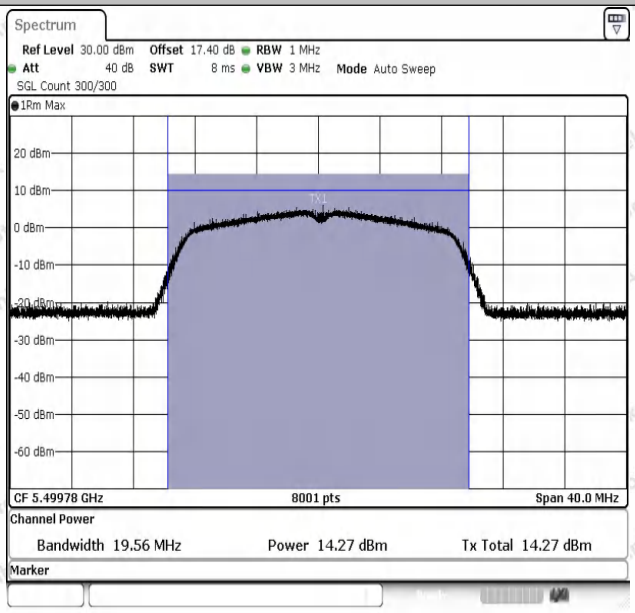
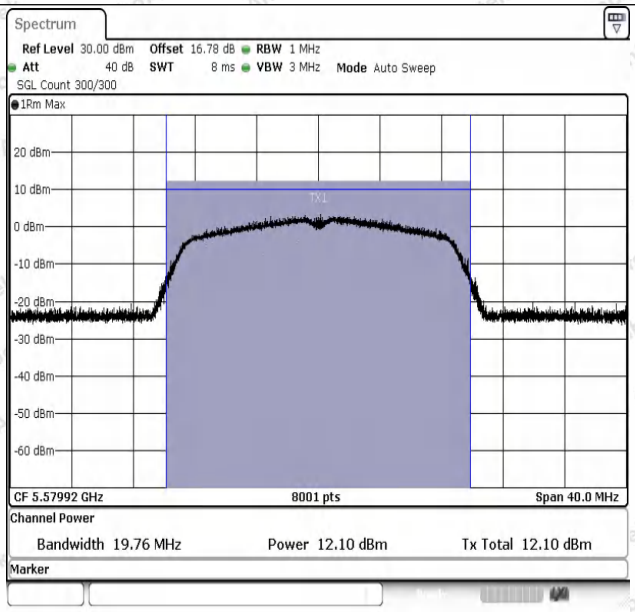
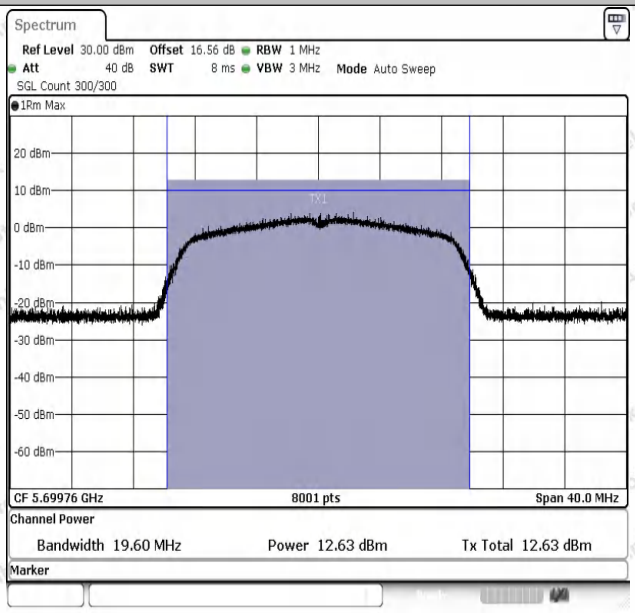


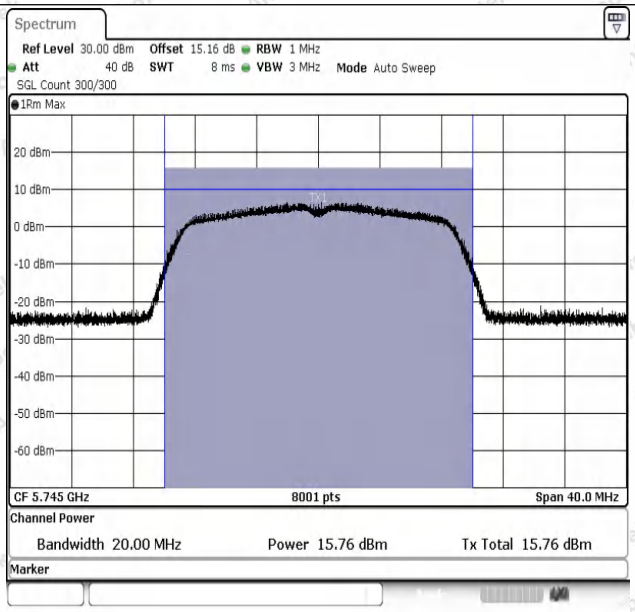
11AC20SISO-Ant1-5500-PASS



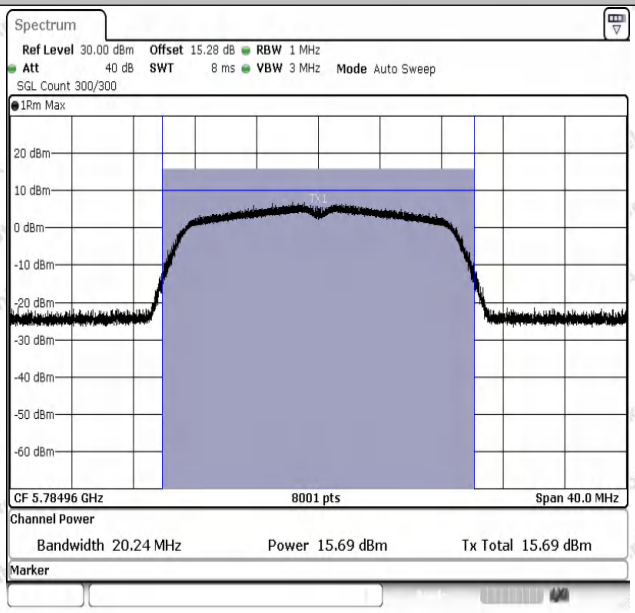
11AC20SISO-Ant1-5580-PASS



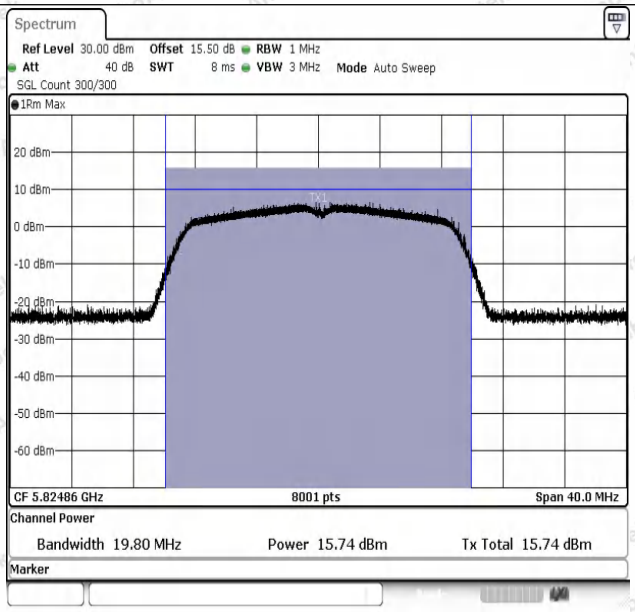
11AC20SISO-Ant1-5700-PASS



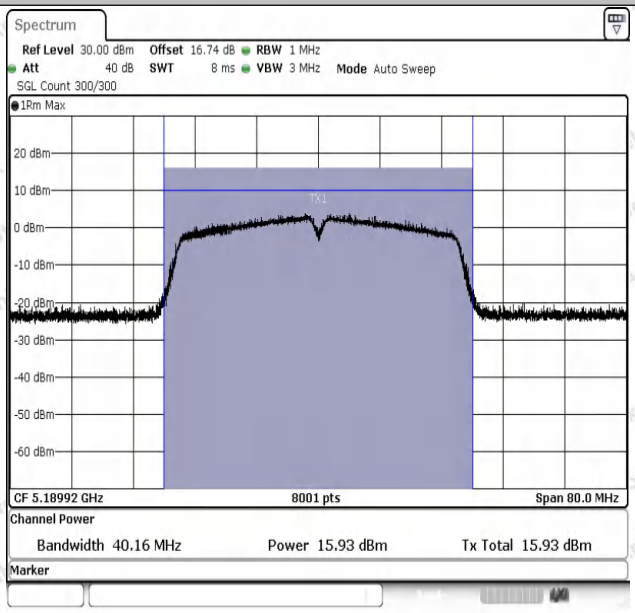
11AC20SISO-Ant1-5745-PASS



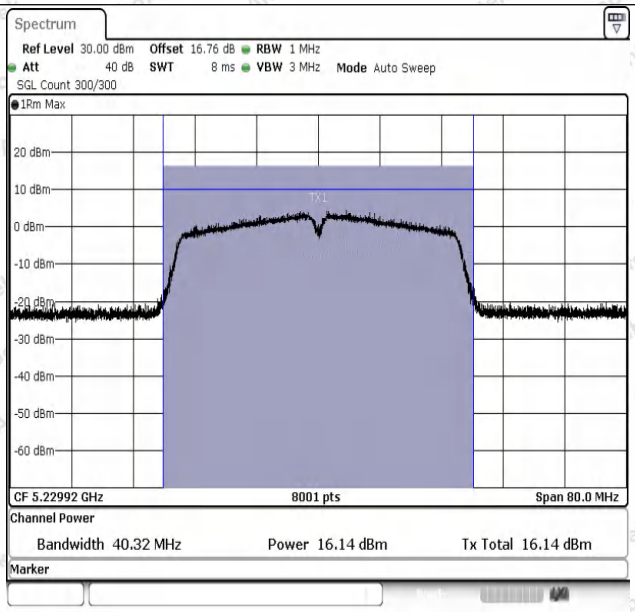
11AC20SISO-Ant1-5785-PASS



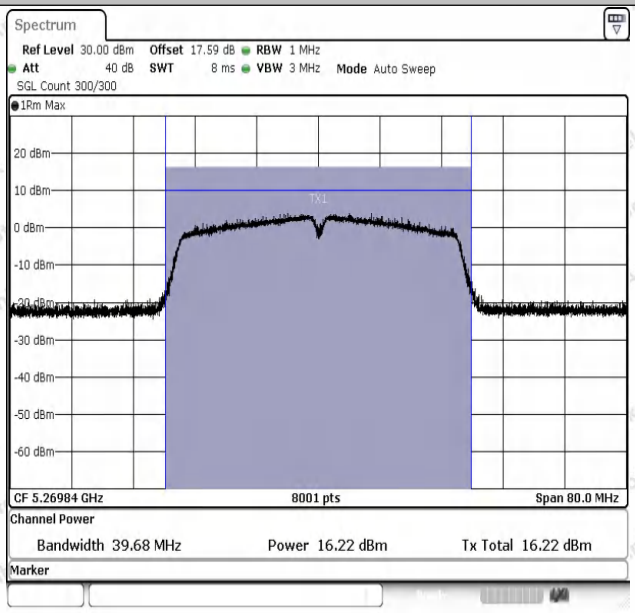
11AC20SISO-Ant1-5825-PASS



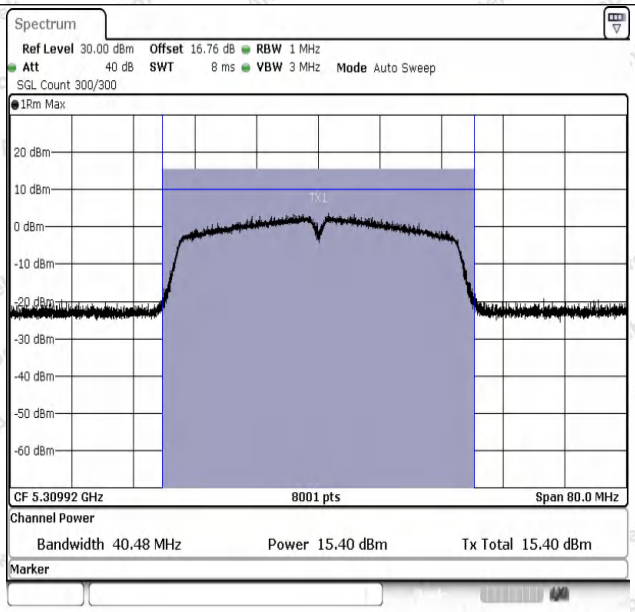
11AC40SISO-Ant1-5190-PASS



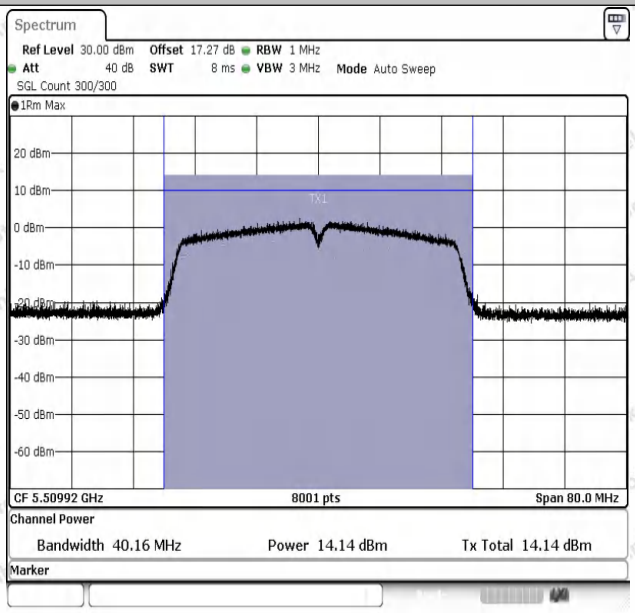
11AC40SISO-Ant1-5230-PASS



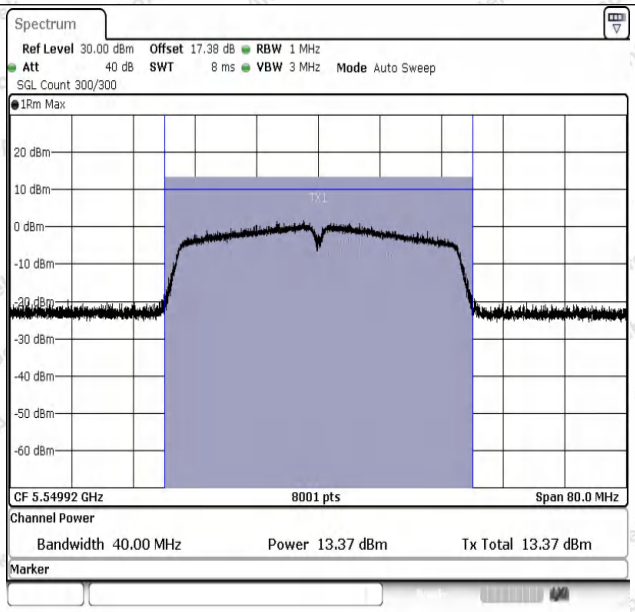
11AC40SISO-Ant1-5270-PASS



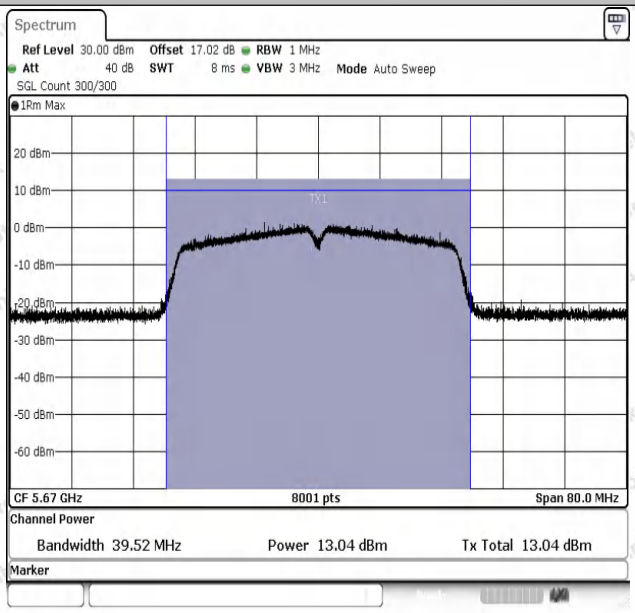
11AC40SISO-Ant1-5310-PASS



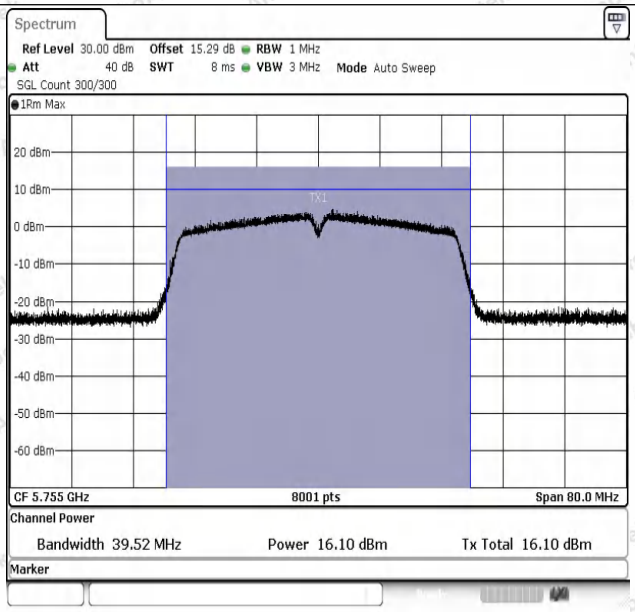
11AC40SISO-Ant1-5510-PASS



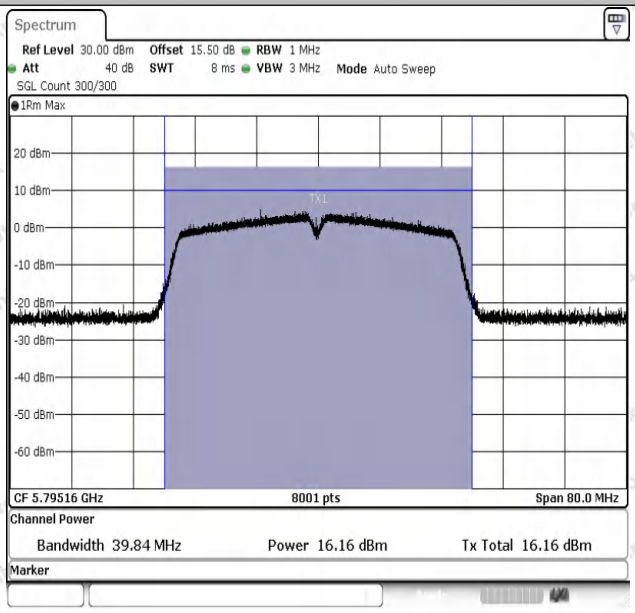
11AC40SISO-Ant1-5550-PASS



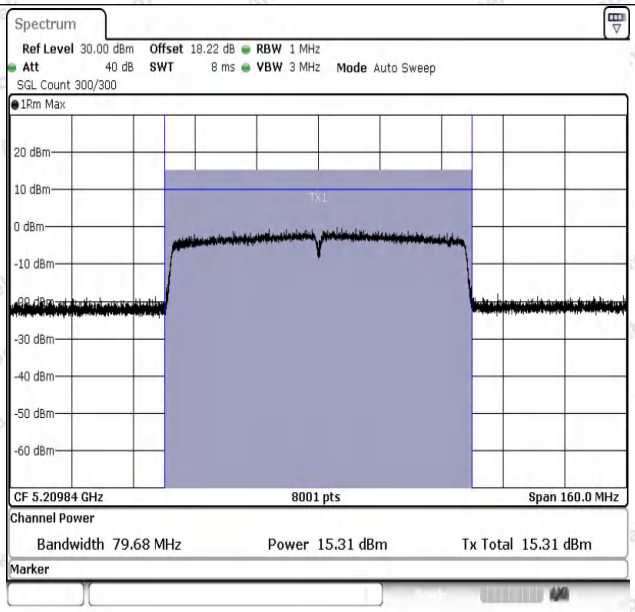
11AC40SISO-Ant1-5670-PASS



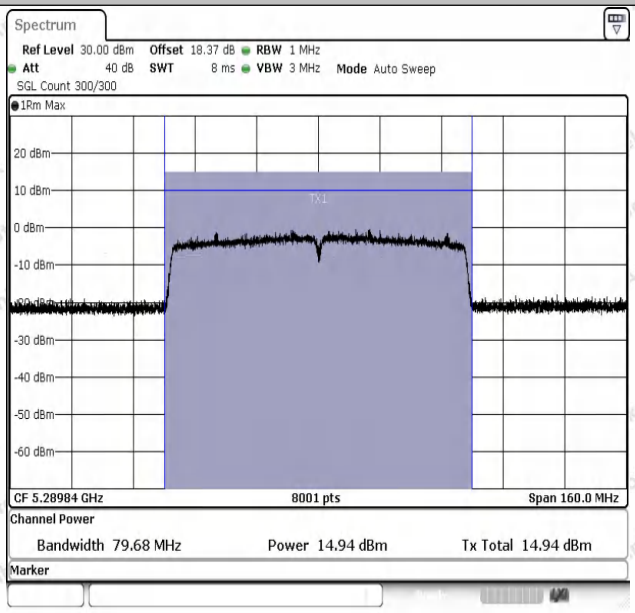
11AC40SISO-Ant1-5755-PASS



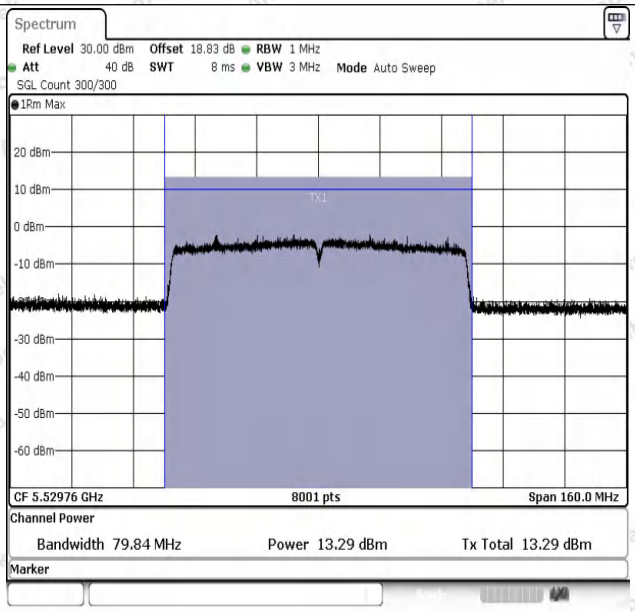
11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5290-PASS



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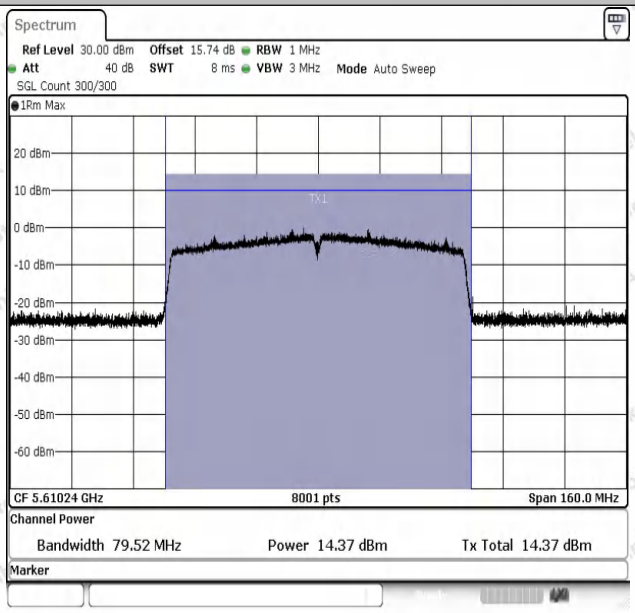

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