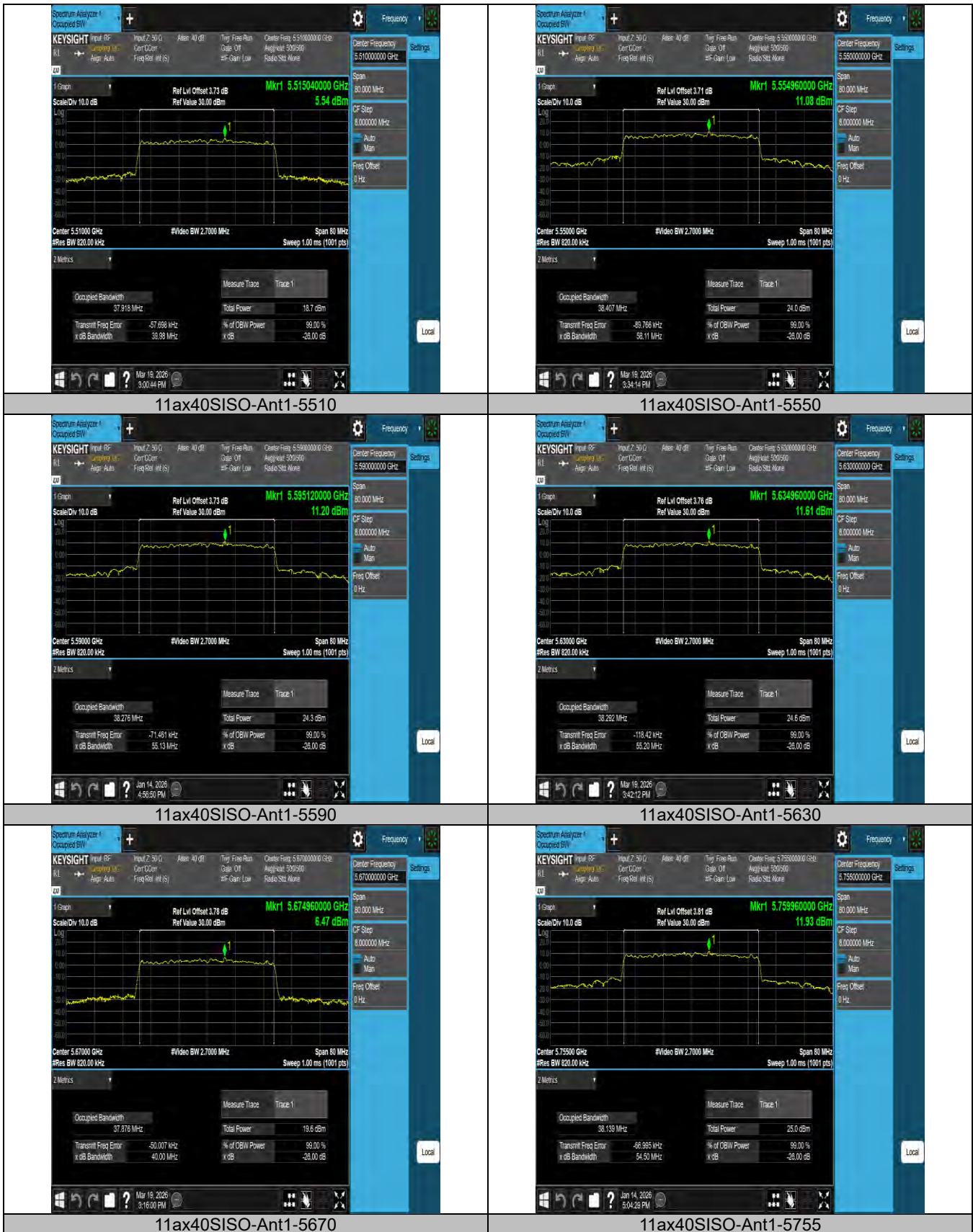












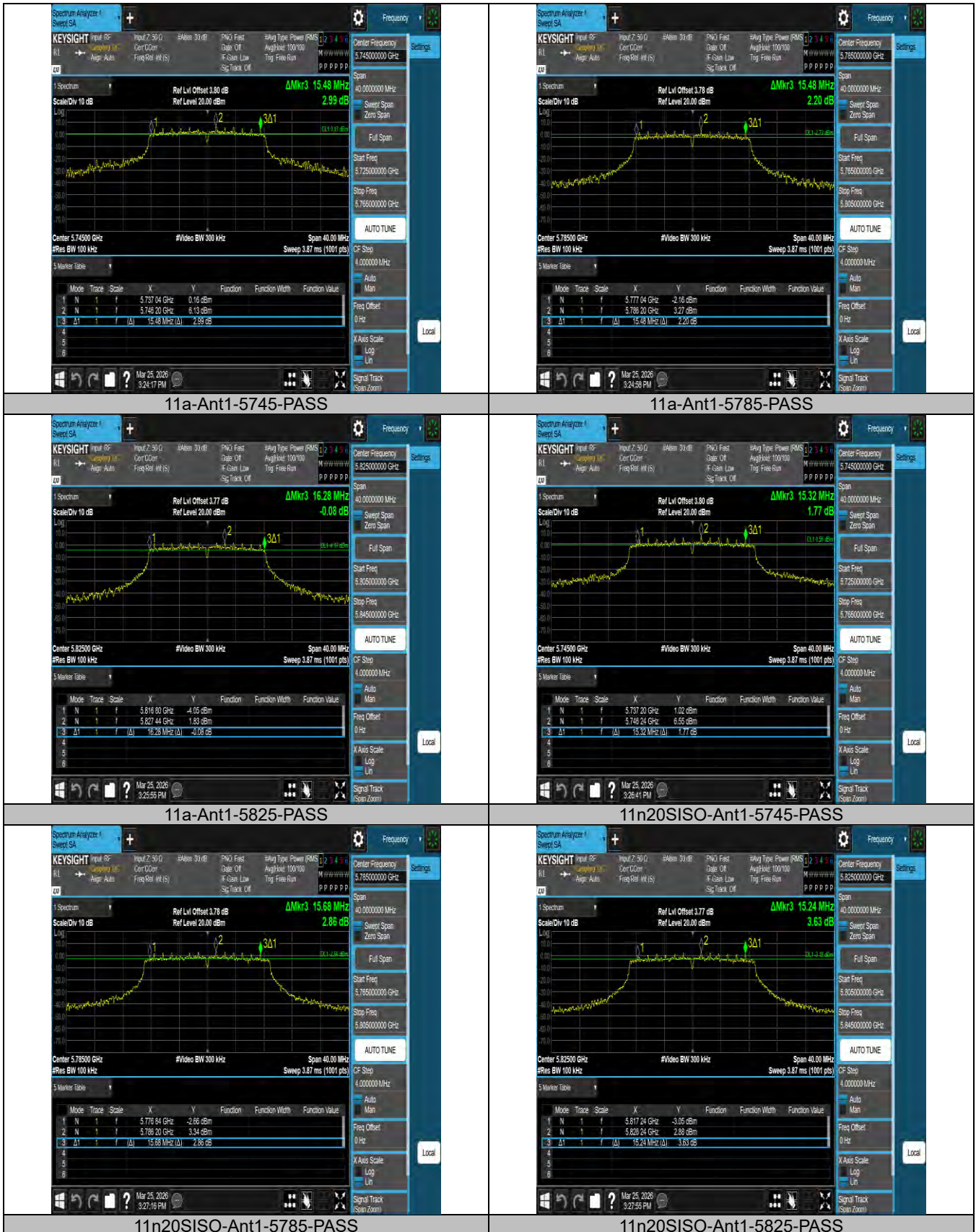


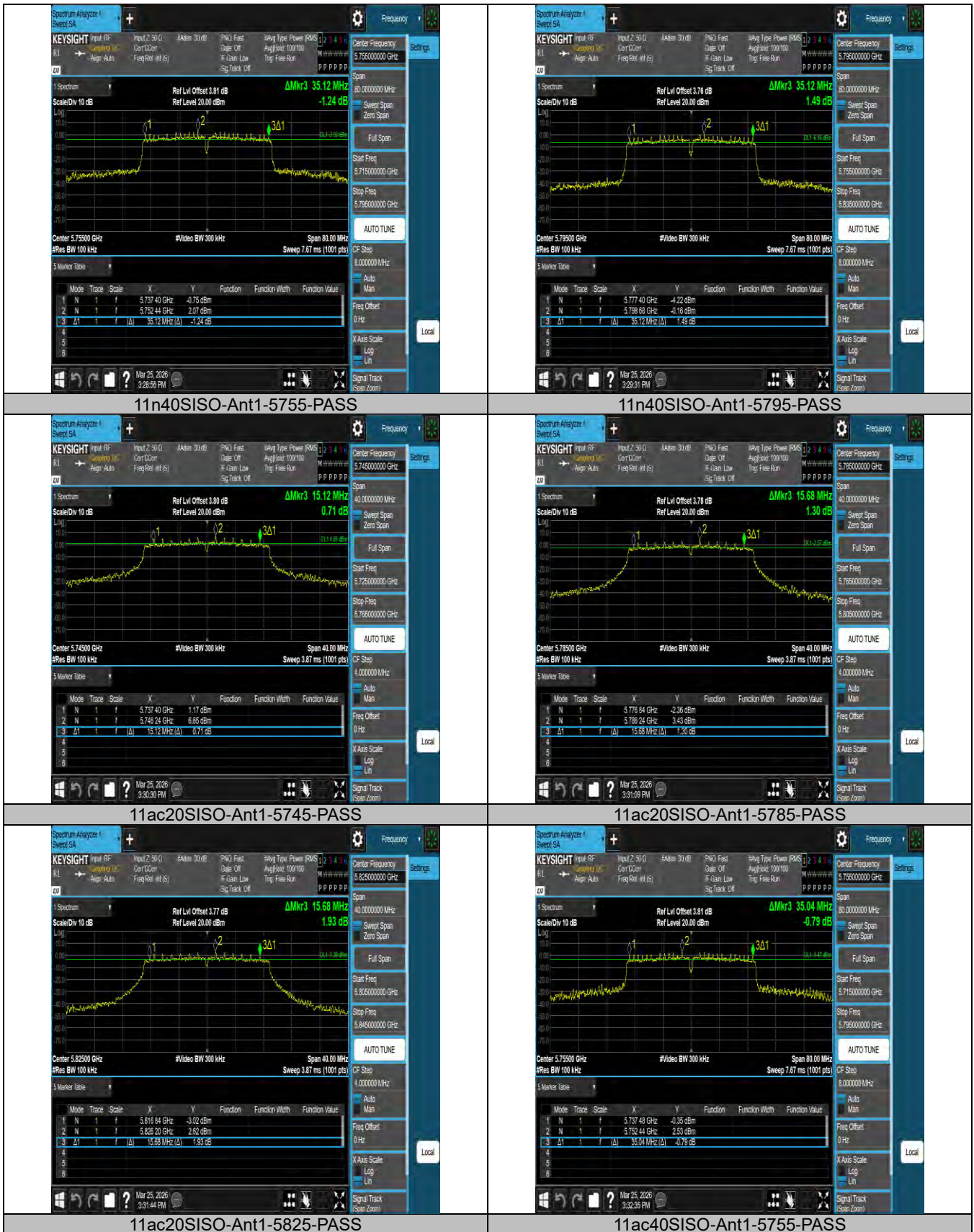
Min emission bandwidth

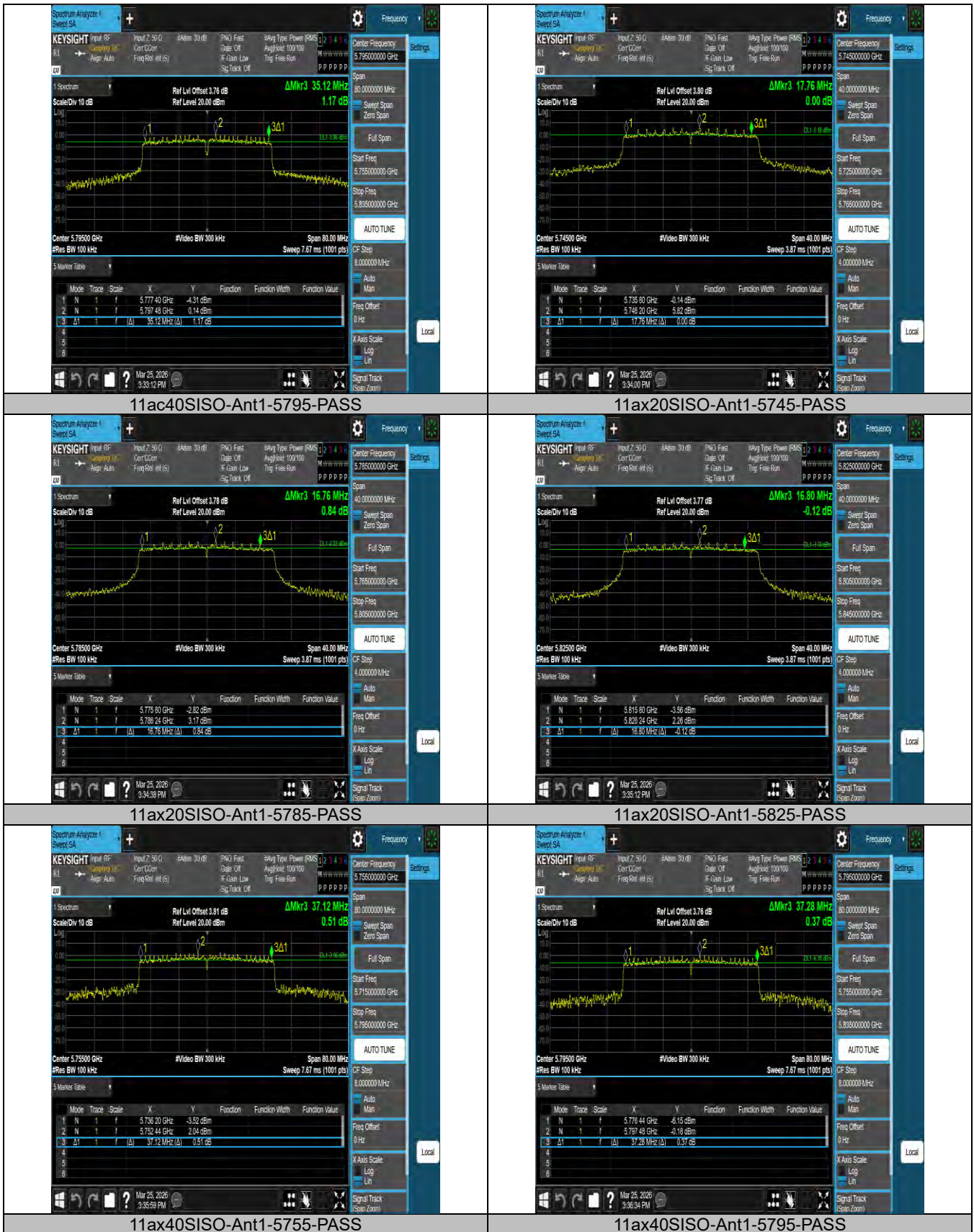
Test Result B4

TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5745	15.480	5737.040	5752.520	0.5	PASS
11a	Ant1	5785	15.480	5777.040	5792.520	0.5	PASS
11a	Ant1	5825	16.280	5816.800	5833.080	0.5	PASS
11n20SISO	Ant1	5745	15.320	5737.200	5752.520	0.5	PASS
11n20SISO	Ant1	5785	15.680	5776.840	5792.520	0.5	PASS
11n20SISO	Ant1	5825	15.240	5817.240	5832.480	0.5	PASS
11n40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
11n40SISO	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
11ac20SISO	Ant1	5745	15.120	5737.400	5752.520	0.5	PASS
11ac20SISO	Ant1	5785	15.680	5776.840	5792.520	0.5	PASS
11ac20SISO	Ant1	5825	15.680	5816.840	5832.520	0.5	PASS
11ac40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
11ac40SISO	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
11ax20SISO	Ant1	5745	17.760	5735.800	5753.560	0.5	PASS
11ax20SISO	Ant1	5785	16.760	5775.800	5792.560	0.5	PASS
11ax20SISO	Ant1	5825	16.800	5815.800	5832.600	0.5	PASS
11ax40SISO	Ant1	5755	37.120	5736.200	5773.320	0.5	PASS
11ax40SISO	Ant1	5795	37.280	5776.440	5813.720	0.5	PASS

Test Graphs B4





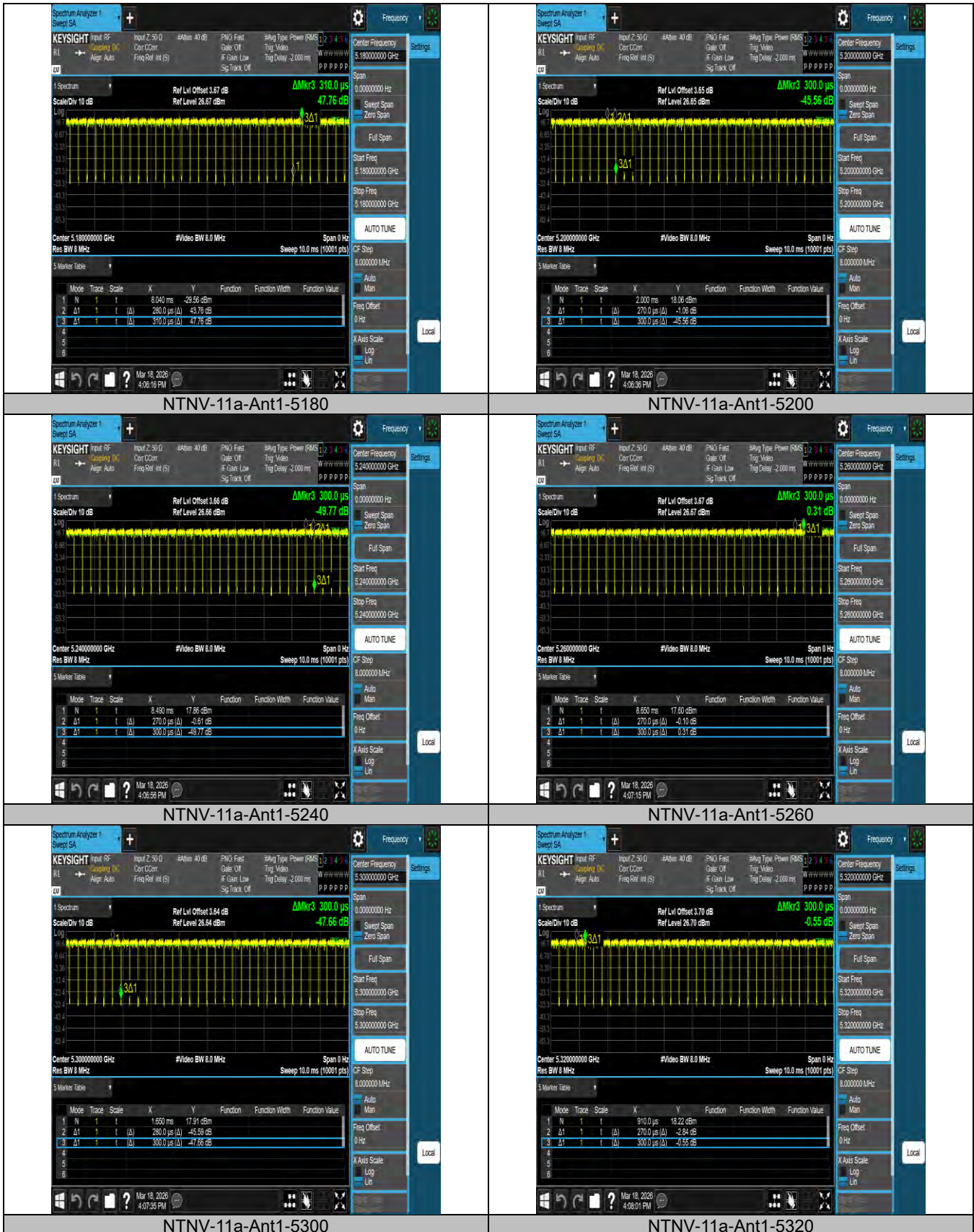


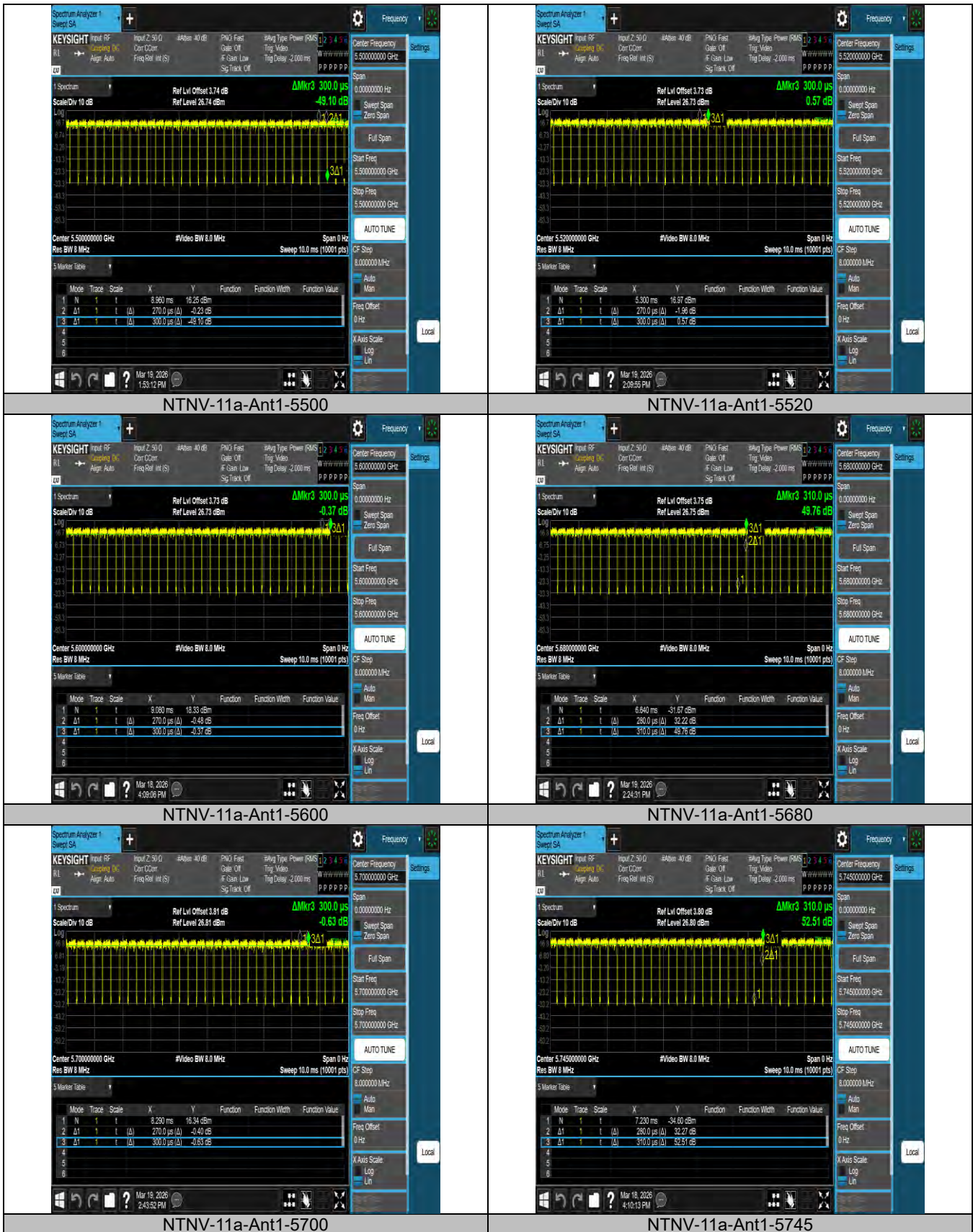
Duty Cycle
Test Result

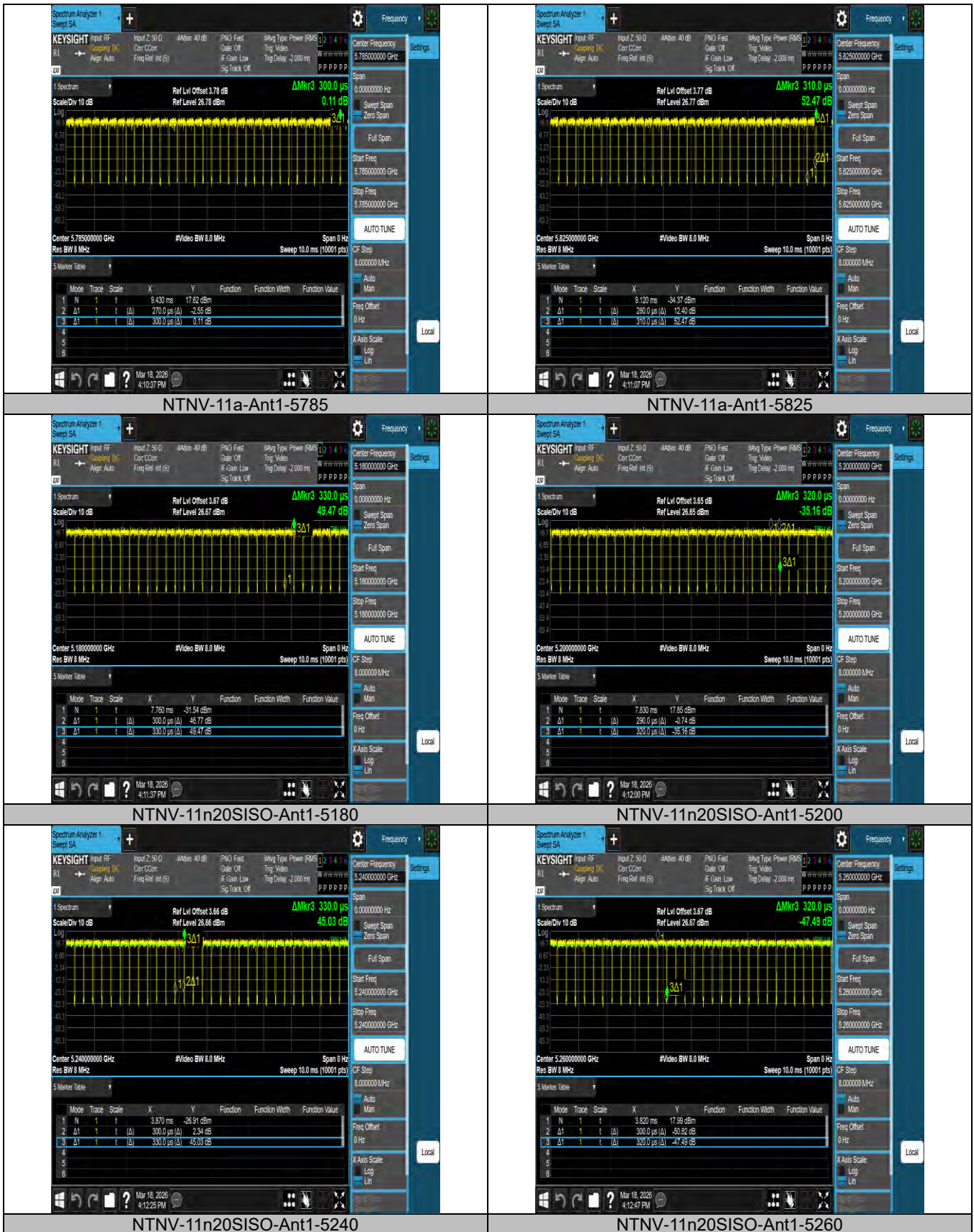
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11a	Ant1	5180	0.28	0.31	90.32
11a	Ant1	5200	0.27	0.30	90.00
11a	Ant1	5240	0.27	0.30	90.00
11a	Ant1	5260	0.27	0.30	90.00
11a	Ant1	5300	0.28	0.30	93.33
11a	Ant1	5320	0.27	0.30	90.00
11a	Ant1	5500	0.27	0.30	90.00
11a	Ant1	5520	0.27	0.30	90.00
11a	Ant1	5600	0.27	0.30	90.00
11a	Ant1	5680	0.28	0.31	90.32
11a	Ant1	5700	0.27	0.30	90.00
11a	Ant1	5745	0.28	0.31	90.32
11a	Ant1	5785	0.27	0.30	90.00
11a	Ant1	5825	0.28	0.31	90.32
11n20SISO	Ant1	5180	0.30	0.33	90.91
11n20SISO	Ant1	5200	0.29	0.32	90.63
11n20SISO	Ant1	5240	0.30	0.33	90.91
11n20SISO	Ant1	5260	0.30	0.32	93.75
11n20SISO	Ant1	5300	0.30	0.33	90.91
11n20SISO	Ant1	5320	0.29	0.32	90.63
11n20SISO	Ant1	5500	0.29	0.32	90.63
11n20SISO	Ant1	5600	0.30	0.32	93.75
11n20SISO	Ant1	5700	0.29	0.32	90.63
11n20SISO	Ant1	5745	0.30	0.33	90.91
11n20SISO	Ant1	5785	0.30	0.33	90.91
11n20SISO	Ant1	5825	0.30	0.33	90.91
11n40SISO	Ant1	5190	0.29	0.32	90.63
11n40SISO	Ant1	5230	0.29	0.32	90.63
11n40SISO	Ant1	5270	0.29	0.32	90.63
11n40SISO	Ant1	5310	0.29	0.32	90.63
11n40SISO	Ant1	5510	0.29	0.32	90.63
11n40SISO	Ant1	5590	0.29	0.32	90.63
11n40SISO	Ant1	5670	0.29	0.32	90.63
11n40SISO	Ant1	5755	0.30	0.32	93.75
11n40SISO	Ant1	5795	0.29	0.32	90.63
11ac20SISO	Ant1	5180	0.30	0.33	90.91
11ac20SISO	Ant1	5200	0.29	0.32	90.63
11ac20SISO	Ant1	5240	0.29	0.32	90.63
11ac20SISO	Ant1	5260	0.30	0.33	90.91
11ac20SISO	Ant1	5300	0.30	0.33	90.91
11ac20SISO	Ant1	5320	0.30	0.33	90.91
11ac20SISO	Ant1	5500	0.29	0.32	90.63
11ac20SISO	Ant1	5520	0.30	0.33	90.91
11ac20SISO	Ant1	5600	0.30	0.33	90.91
11ac20SISO	Ant1	5680	0.30	0.32	93.75
11ac20SISO	Ant1	5700	0.30	0.33	90.91
11ac20SISO	Ant1	5745	0.30	0.32	93.75
11ac20SISO	Ant1	5785	0.30	0.32	93.75
11ac20SISO	Ant1	5825	0.30	0.32	93.75
11ac40SISO	Ant1	5190	0.30	0.33	90.91
11ac40SISO	Ant1	5230	0.30	0.32	93.75
11ac40SISO	Ant1	5270	0.30	0.33	90.91
11ac40SISO	Ant1	5310	0.30	0.33	90.91
11ac40SISO	Ant1	5510	0.30	0.32	93.75
11ac40SISO	Ant1	5550	0.30	0.33	90.91
11ac40SISO	Ant1	5590	0.30	0.33	90.91
11ac40SISO	Ant1	5630	0.30	0.33	90.91
11ac40SISO	Ant1	5670	0.30	0.33	90.91
11ac40SISO	Ant1	5755	0.30	0.33	90.91
11ac40SISO	Ant1	5795	0.30	0.33	90.91
11ax20SISO	Ant1	5180	0.27	0.30	90.00
11ax20SISO	Ant1	5200	0.27	0.30	90.00

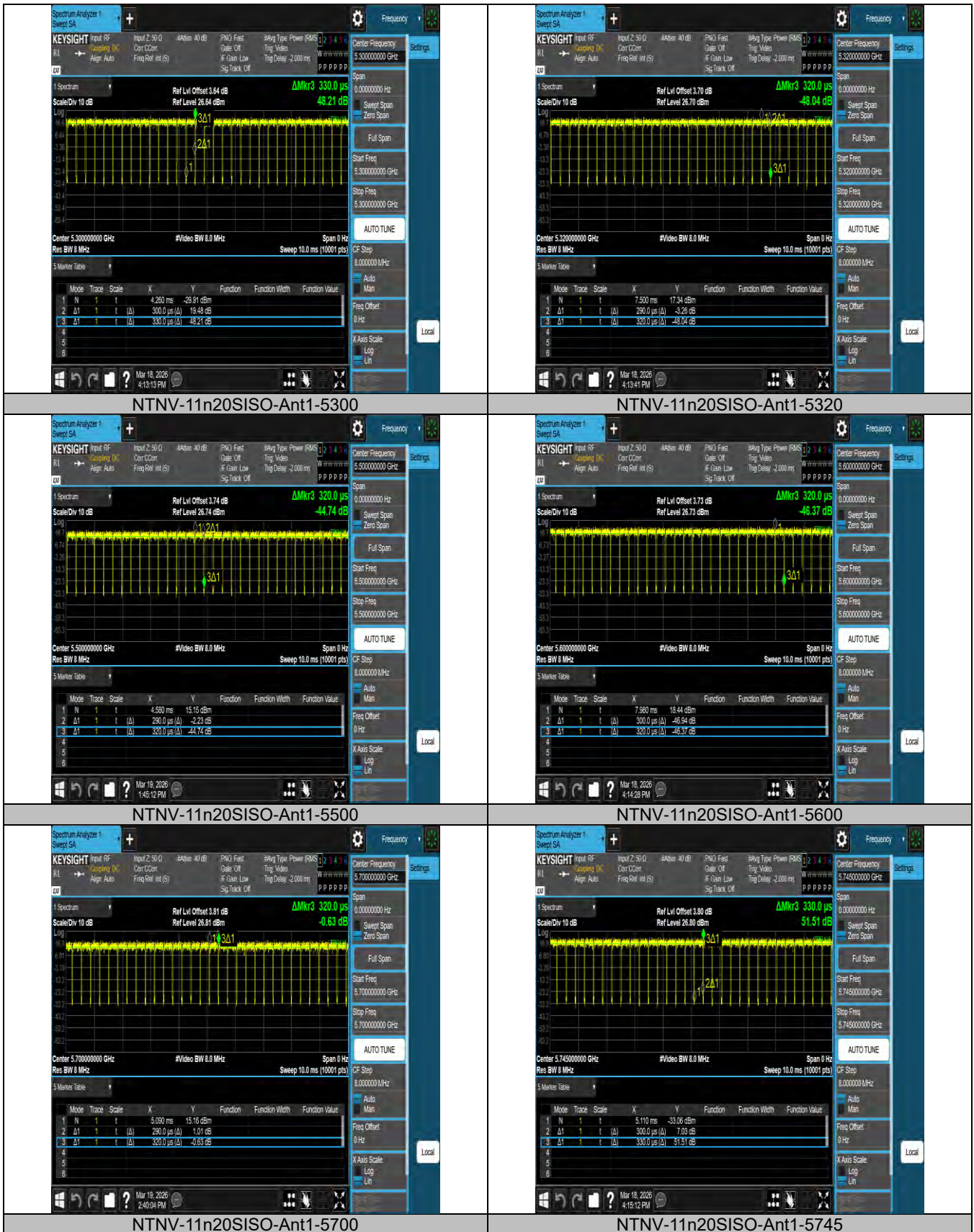
11ax20SISO	Ant1	5240	0.26	0.29	89.66
11ax20SISO	Ant1	5260	0.27	0.30	90.00
11ax20SISO	Ant1	5300	0.26	0.29	89.66
11ax20SISO	Ant1	5320	0.26	0.29	89.66
11ax20SISO	Ant1	5500	0.27	0.30	90.00
11ax20SISO	Ant1	5520	0.26	0.29	89.66
11ax20SISO	Ant1	5600	0.26	0.29	89.66
11ax20SISO	Ant1	5680	0.26	0.29	89.66
11ax20SISO	Ant1	5700	0.26	0.29	89.66
11ax20SISO	Ant1	5745	0.26	0.29	89.66
11ax20SISO	Ant1	5785	0.27	0.30	90.00
11ax20SISO	Ant1	5825	0.27	0.30	90.00
11ax40SISO	Ant1	5190	0.26	0.29	89.66
11ax40SISO	Ant1	5230	0.26	0.29	89.66
11ax40SISO	Ant1	5270	0.27	0.30	90.00
11ax40SISO	Ant1	5310	0.26	0.29	89.66
11ax40SISO	Ant1	5510	0.27	0.30	90.00
11ax40SISO	Ant1	5550	0.26	0.29	89.66
11ax40SISO	Ant1	5590	0.26	0.29	89.66
11ax40SISO	Ant1	5630	0.27	0.30	90.00
11ax40SISO	Ant1	5670	0.26	0.29	89.66
11ax40SISO	Ant1	5755	0.27	0.30	90.00
11ax40SISO	Ant1	5795	0.26	0.29	89.66

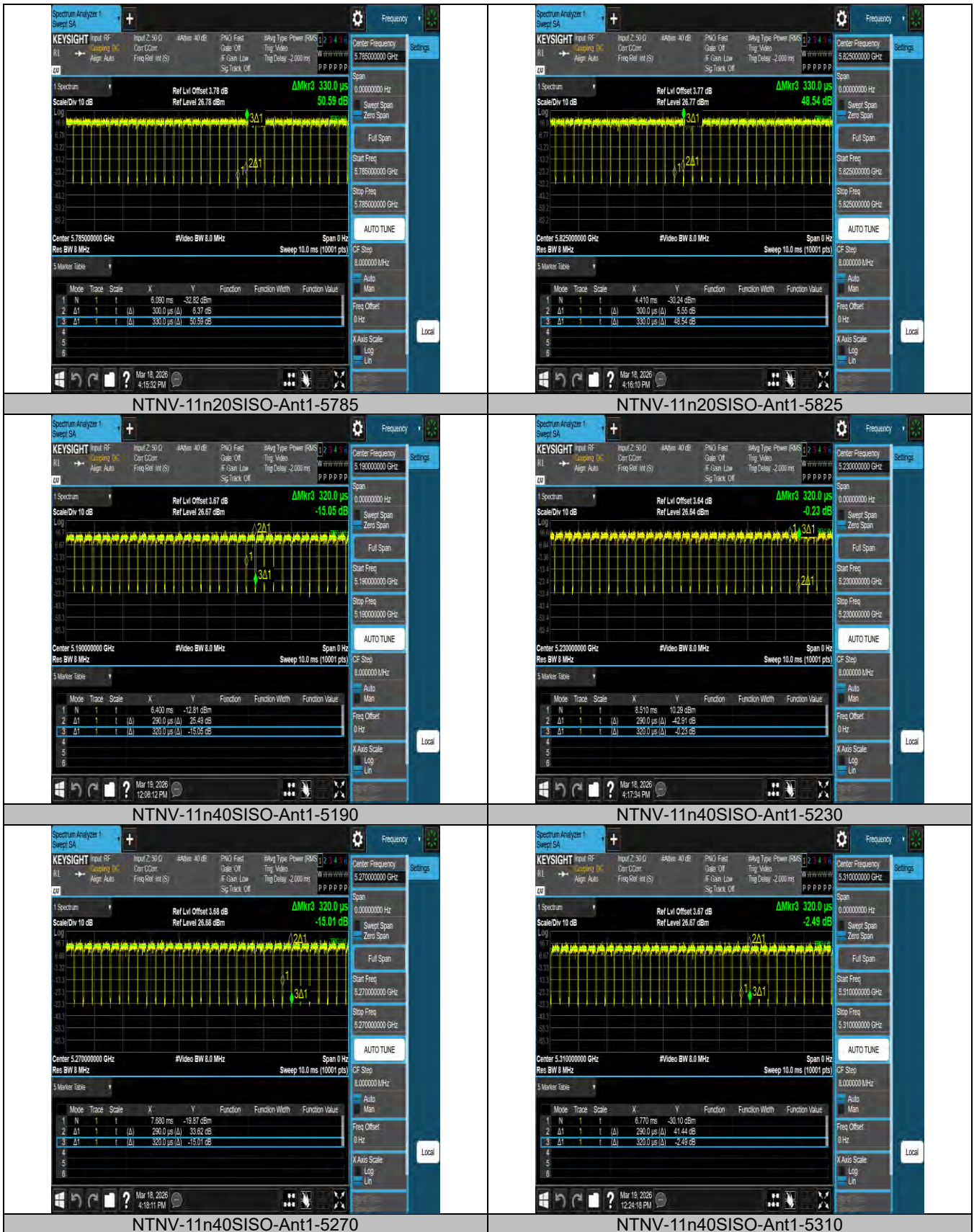
Test Graphs

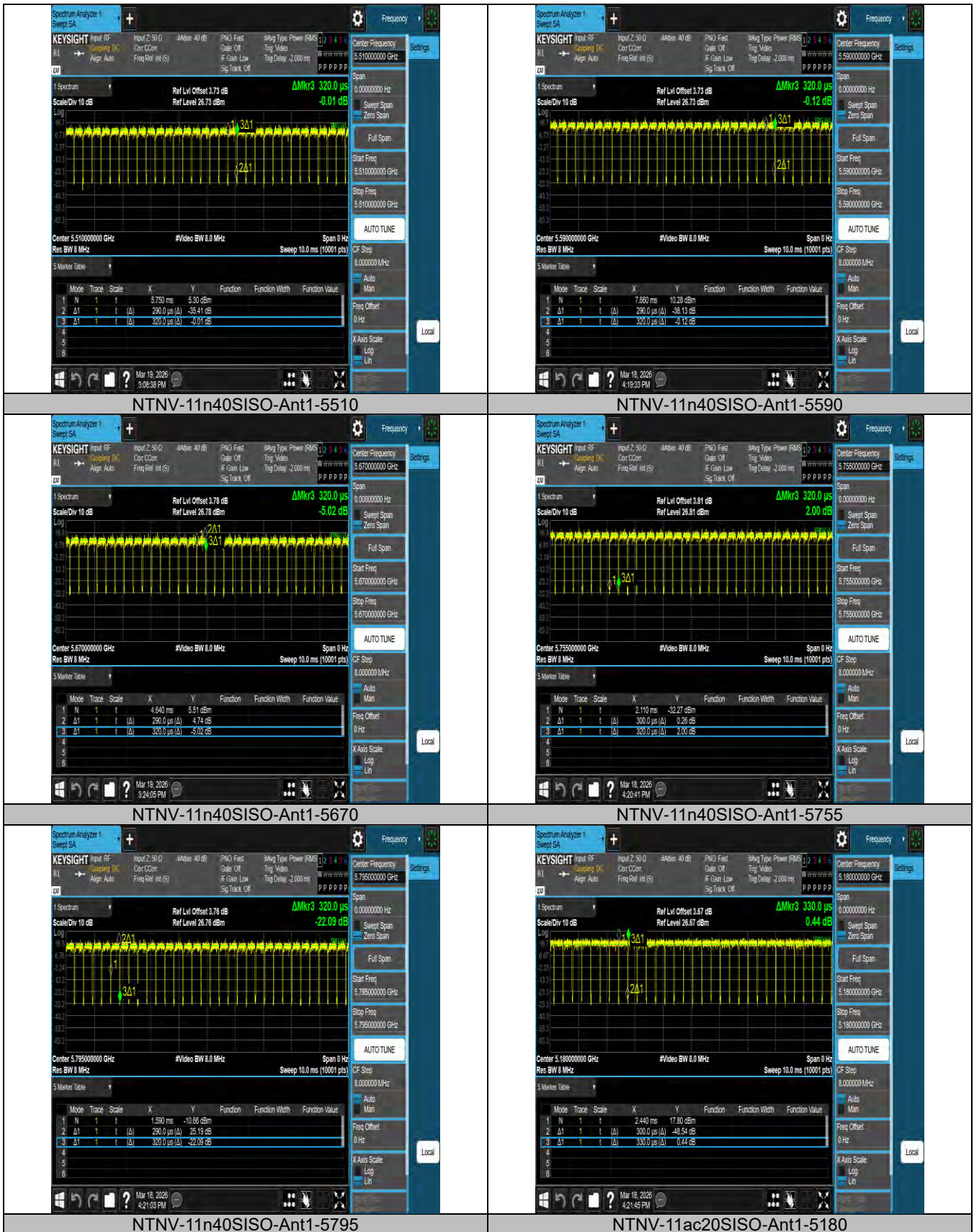


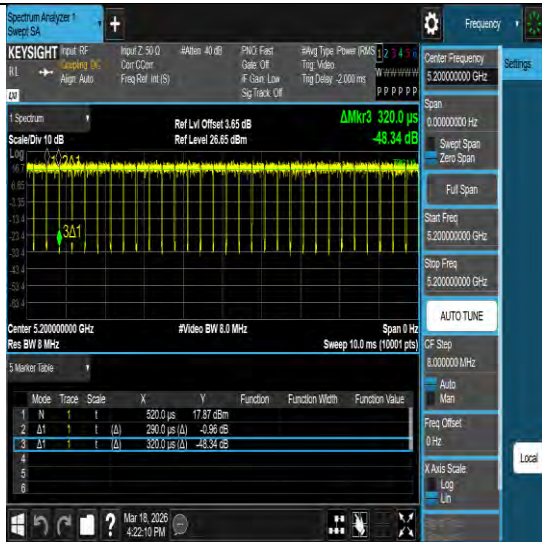




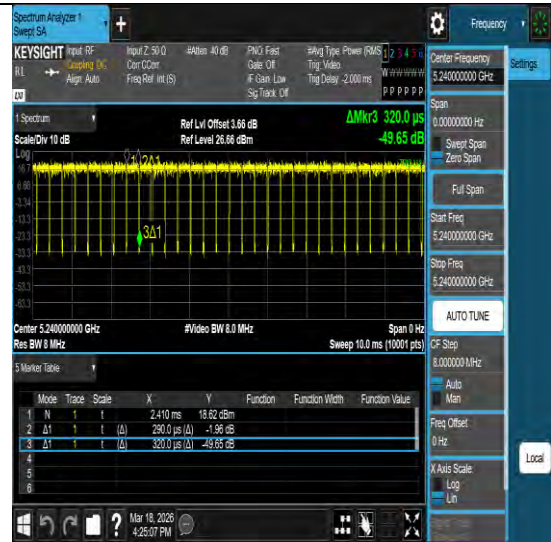




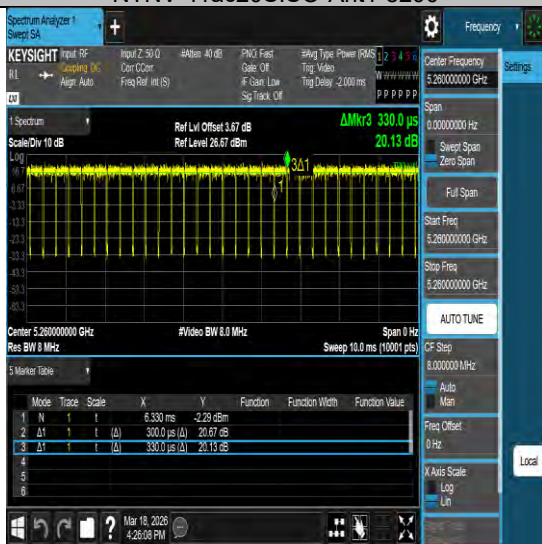




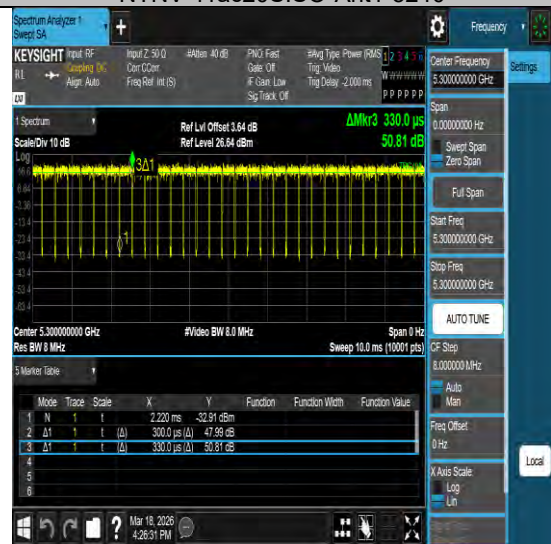
NTNV-11ac20SISO-Ant1-5200



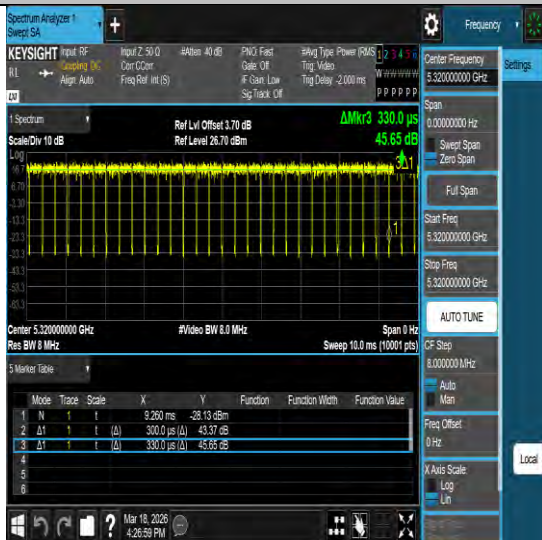
NTNV-11ac20SISO-Ant1-5240



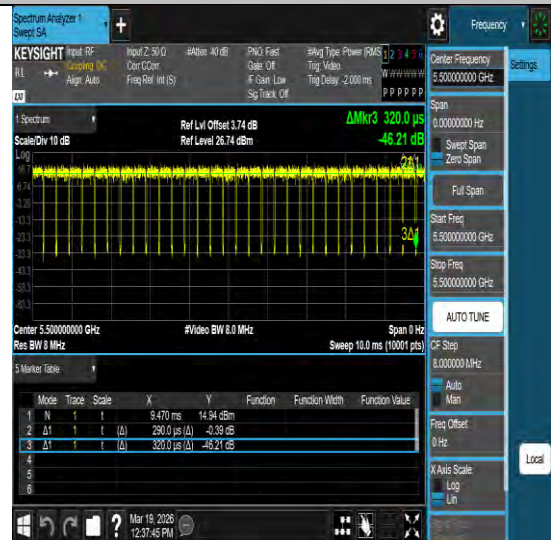
NTNV-11ac20SISO-Ant1-5260



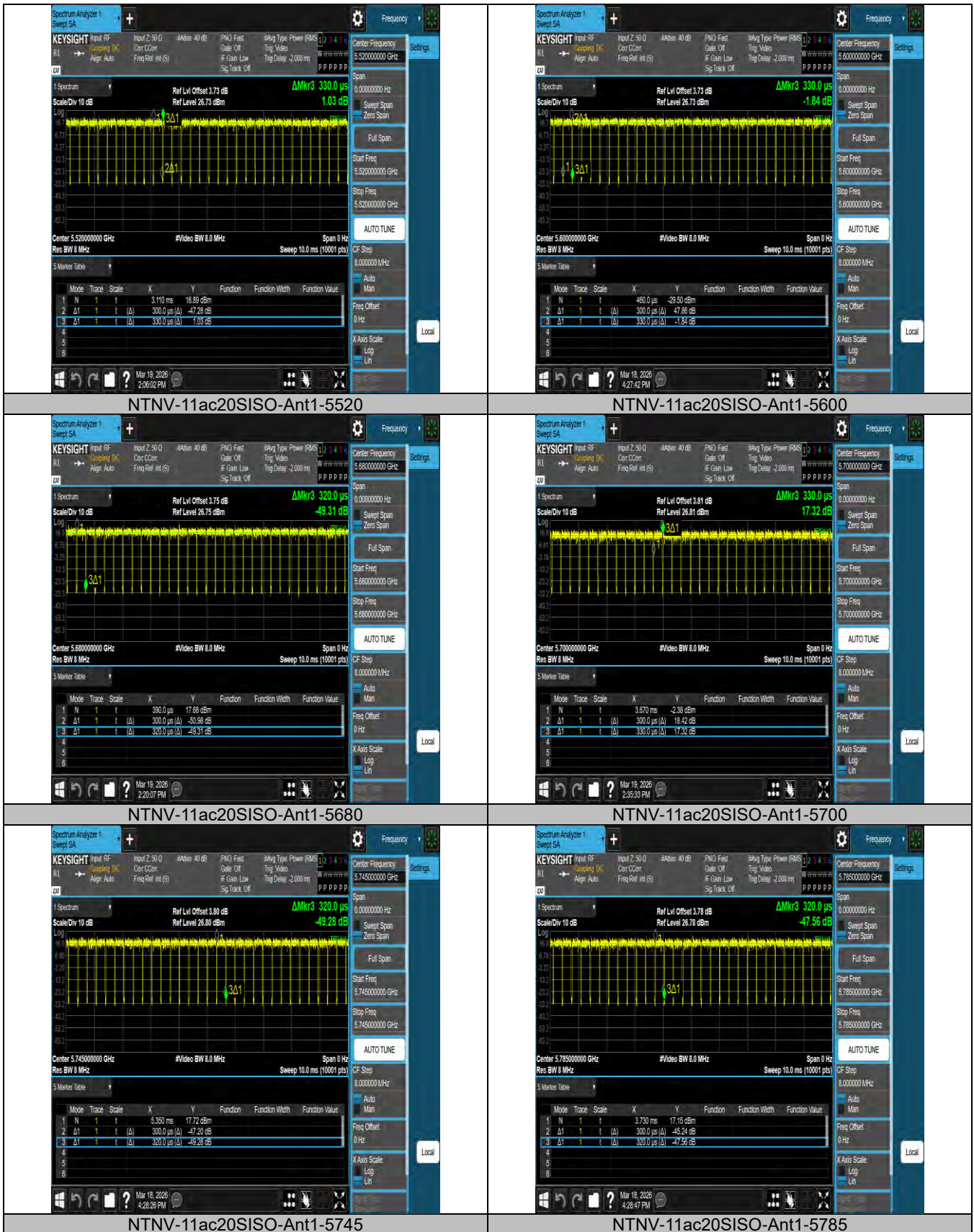
NTNV-11ac20SISO-Ant1-5300

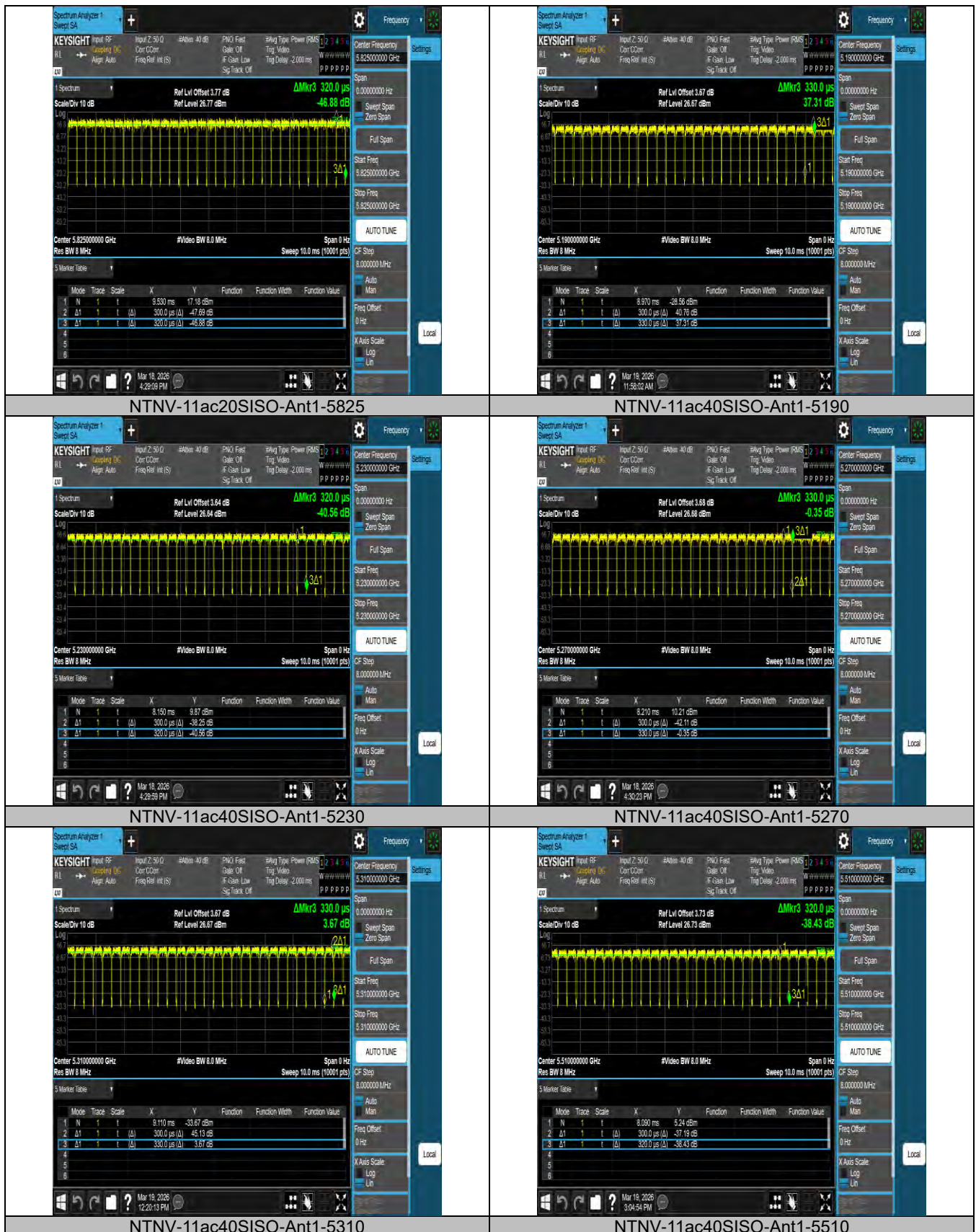


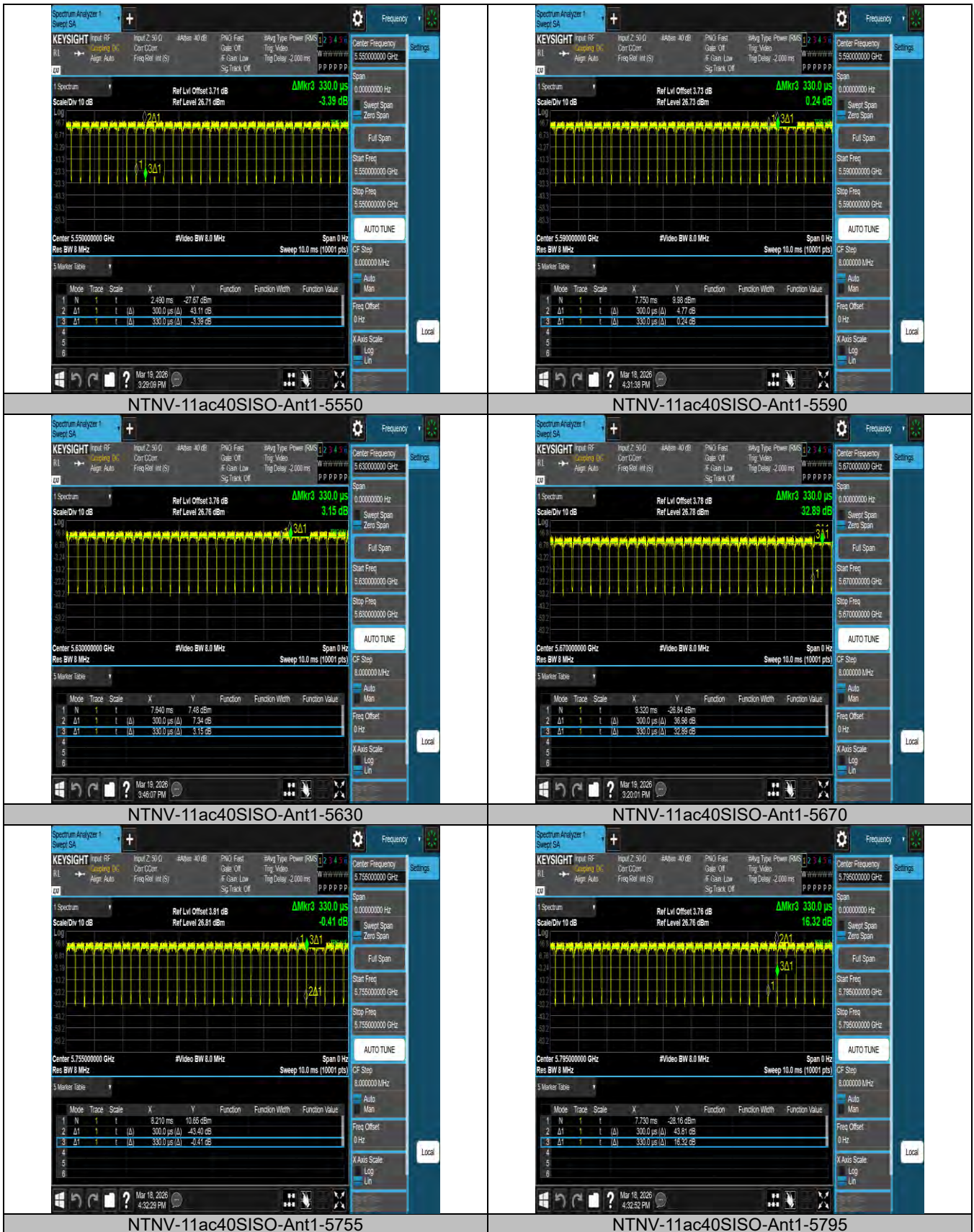
NTNV-11ac20SISO-Ant1-5320

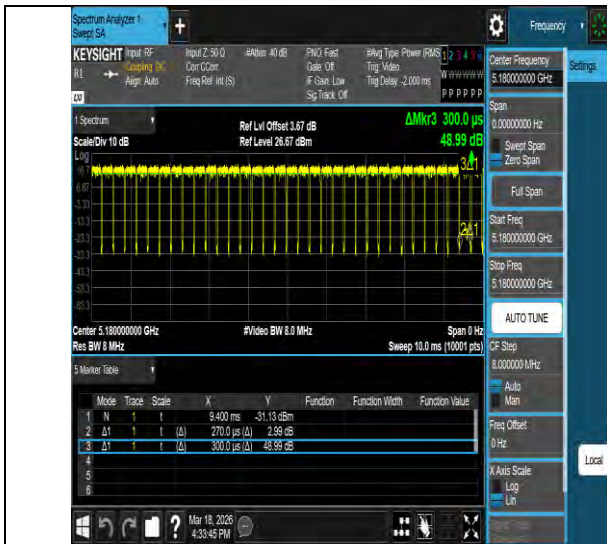


NTNV-11ac20SISO-Ant1-5500

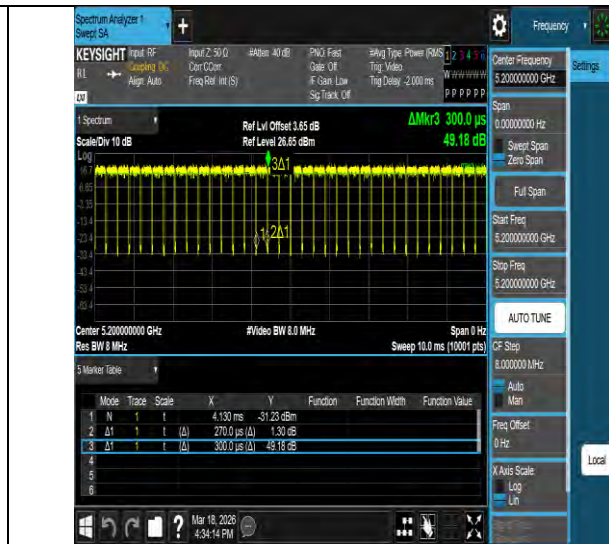




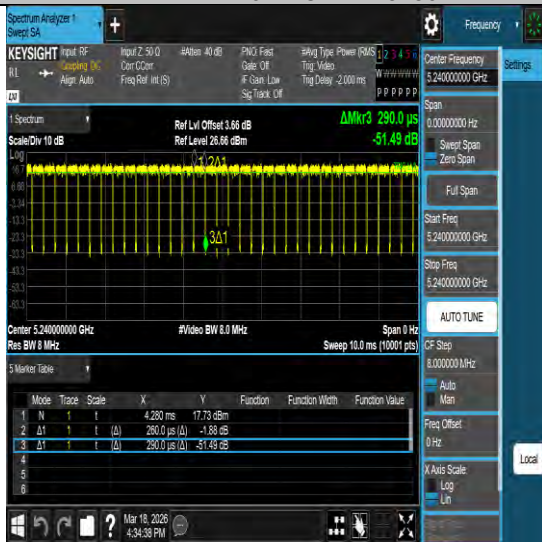




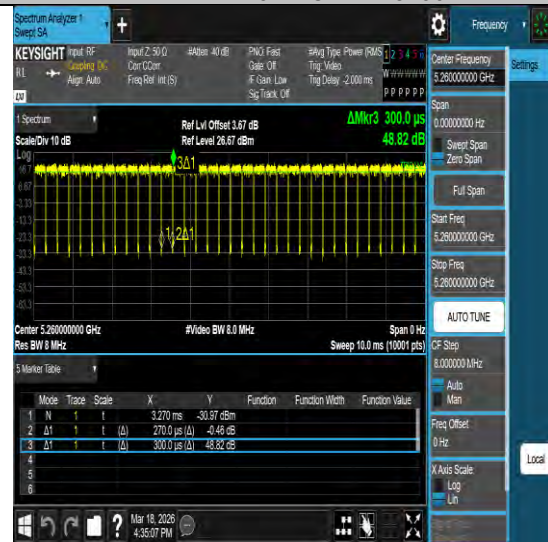
NTVN-11ax20SISO-Ant1-5180



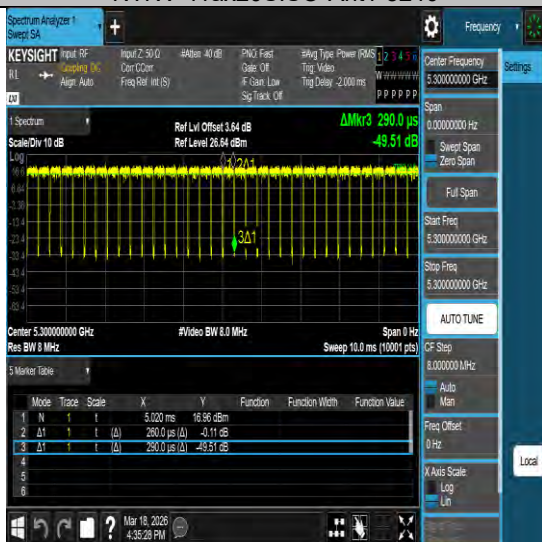
NTVN-11ax20SISO-Ant1-5200



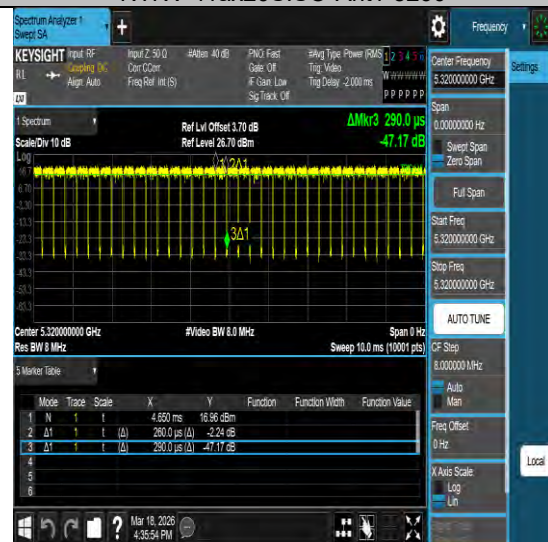
NTVN-11ax20SISO-Ant1-5240



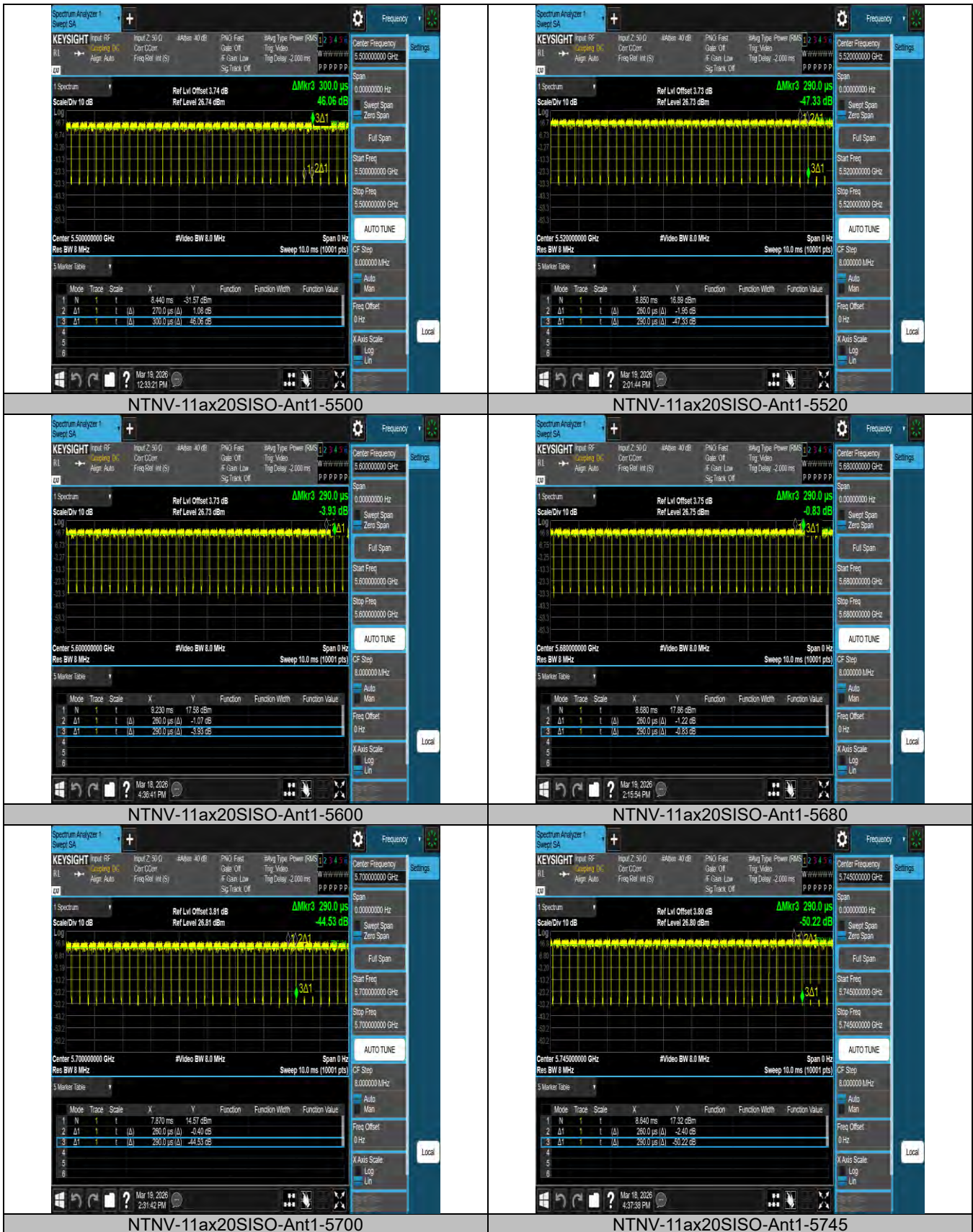
NTVN-11ax20SISO-Ant1-5260

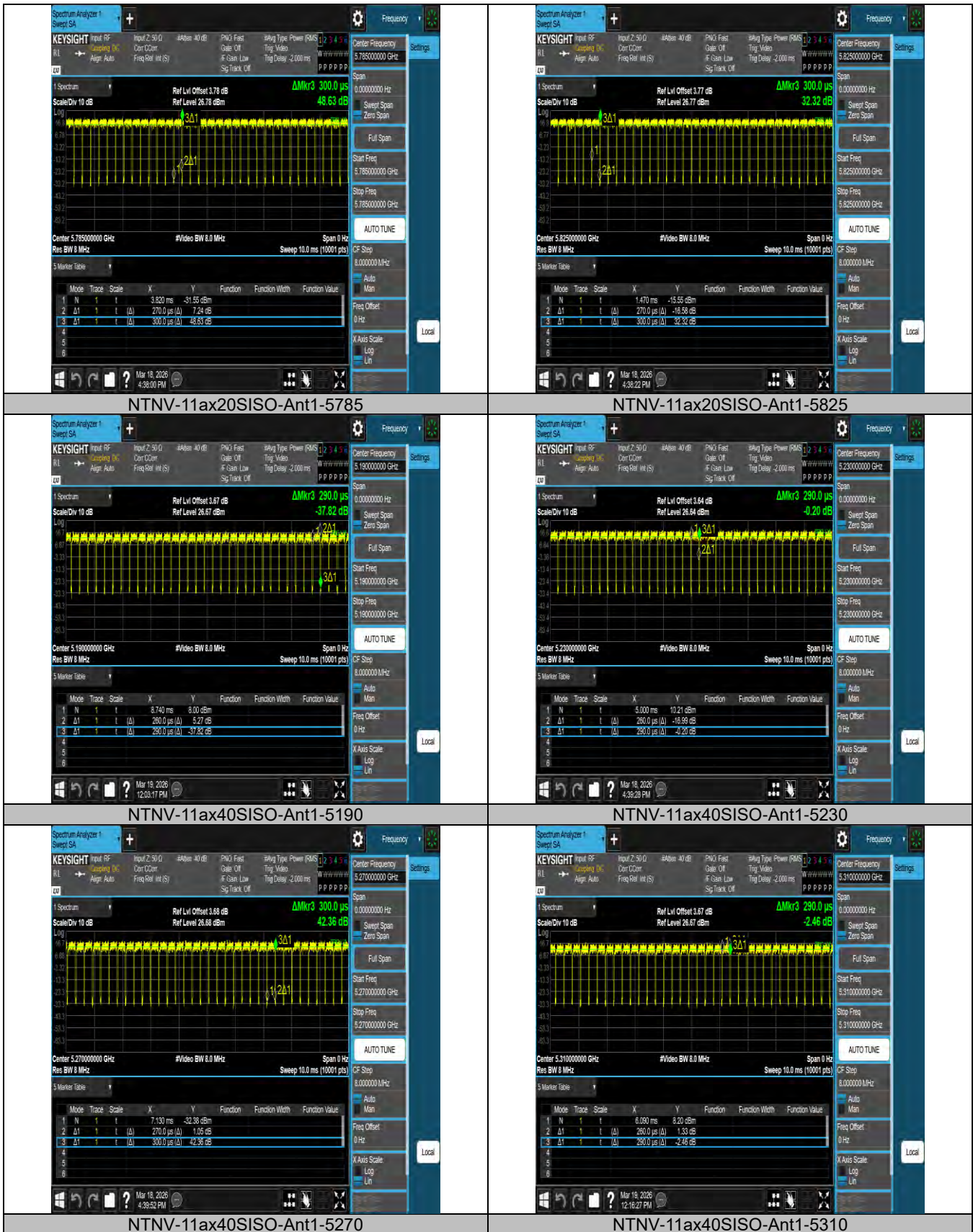


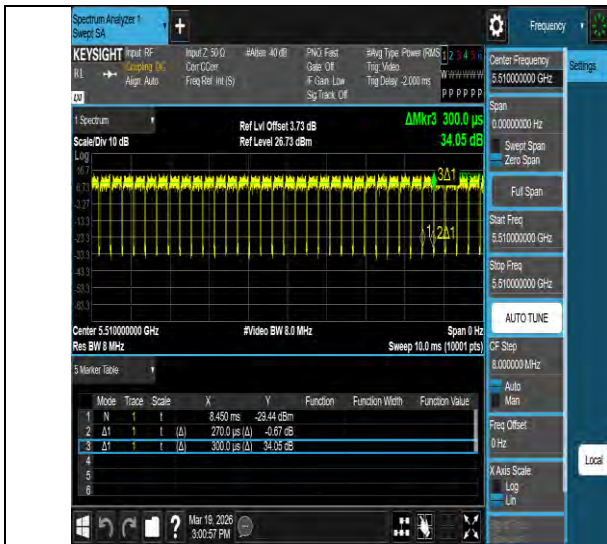
NTVN-11ax20SISO-Ant1-5300



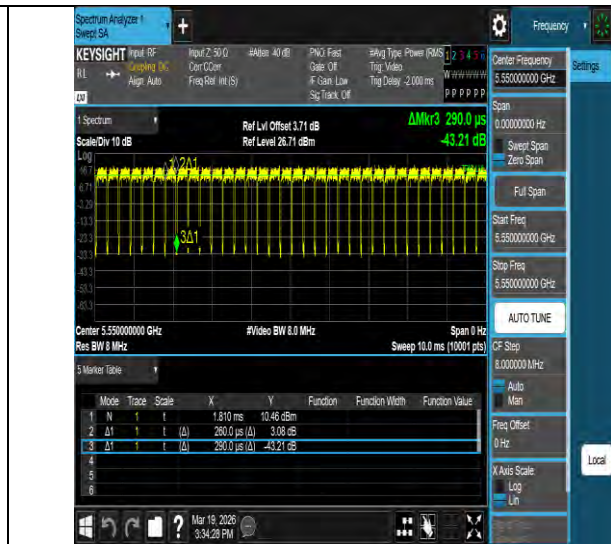
NTVN-11ax20SISO-Ant1-5320



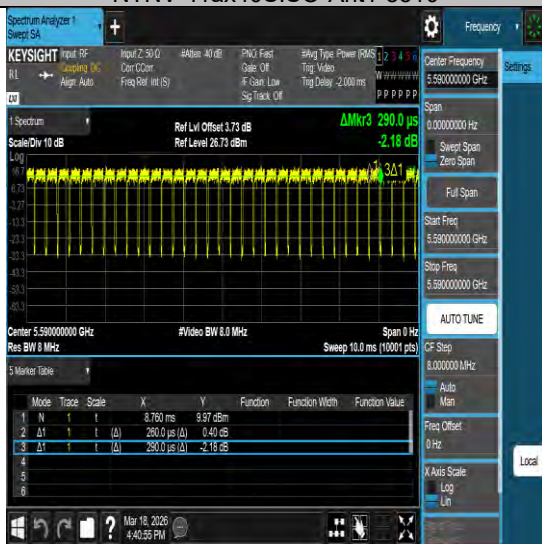




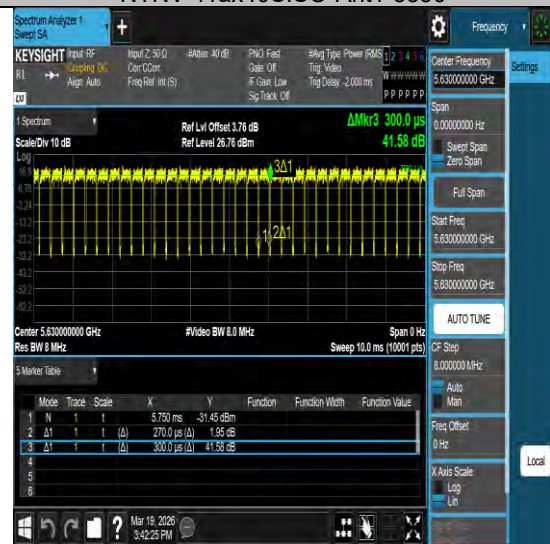
NTNV-11ax40SISO-Ant1-5510



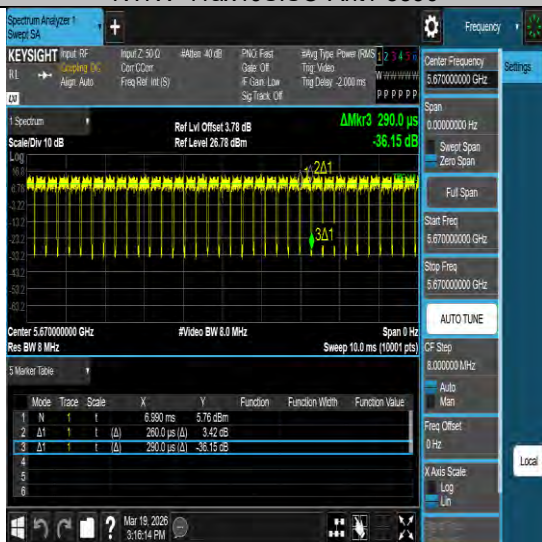
NTNV-11ax40SISO-Ant1-5550



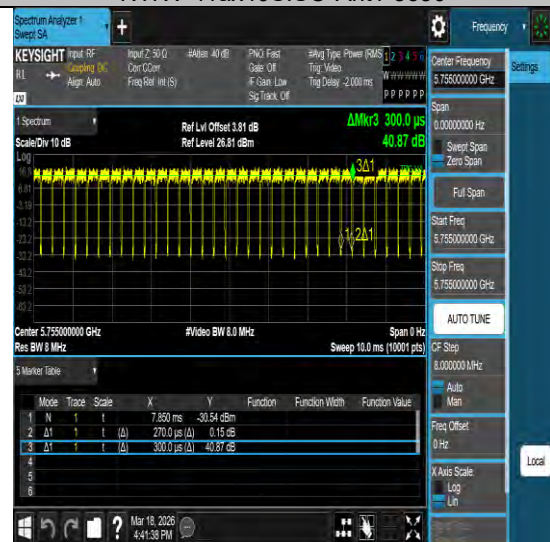
NTNV-11ax40SISO-Ant1-5590



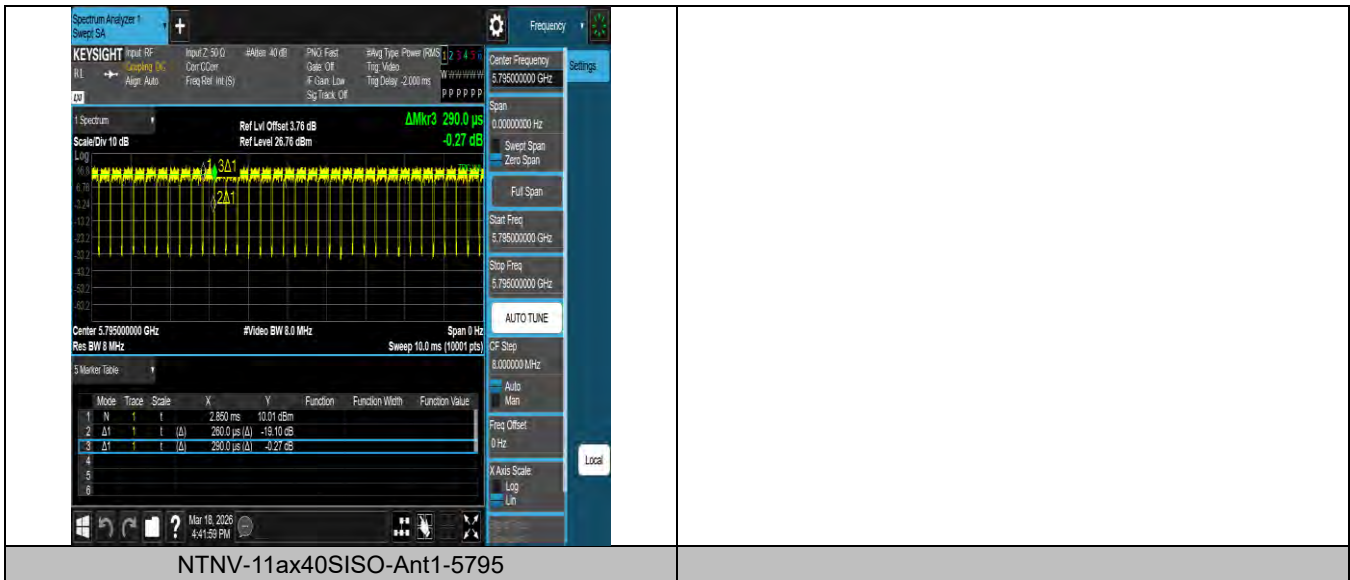
NTNV-11ax40SISO-Ant1-5630



NTNV-11ax40SISO-Ant1-5670



NTNV-11ax40SISO-Ant1-5755



NTNV-11ax40SISO-Ant1-5795

Maximum conducted output power

Test Result

TestMode	Frequency [MHz]	Average Power[dBm]	Limit (dBm)	Verdict
11a	5180	16.737	≤23.98	PASS
	5200	16.401	≤23.98	PASS
	5240	16.904	≤23.98	PASS
11n20SISO	5180	16.605	≤23.98	PASS
	5200	16.356	≤23.98	PASS
	5240	16.940	≤23.98	PASS
11n40SISO	5190	15.467	≤23.98	PASS
	5230	16.808	≤23.98	PASS
11ac20SISO	5180	16.610	≤23.98	PASS
	5200	16.598	≤23.98	PASS
	5240	16.799	≤23.98	PASS
11ac40SISO	5190	15.360	≤23.98	PASS
	5230	16.874	≤23.98	PASS
11ax20SISO	5180	16.528	≤23.98	PASS
	5200	16.517	≤23.98	PASS
	5240	16.660	≤23.98	PASS
11ax40SISO	5190	15.329	≤23.98	PASS
	5230	16.744	≤23.98	PASS

TestMode	Frequency [MHz]	Average Power[dBm]	Limit (dBm)	Verdict
11a	5260	16.446	≤23.98	PASS
	5300	16.666	≤23.98	PASS
	5320	16.762	≤23.98	PASS
11n20SISO	5260	16.326	≤23.98	PASS
	5300	16.723	≤23.98	PASS
	5320	16.843	≤23.98	PASS
11n40SISO	5270	16.596	≤23.98	PASS
	5310	14.803	≤23.98	PASS
11ac20SISO	5260	16.342	≤23.98	PASS
	5300	16.882	≤23.98	PASS
	5320	16.818	≤23.98	PASS
11ac40SISO	5270	16.874	≤23.98	PASS
	5310	14.602	≤23.98	PASS
11ax20SISO	5260	16.425	≤23.98	PASS
	5300	16.518	≤23.98	PASS
	5320	16.640	≤23.98	PASS
11ax40SISO	5270	16.792	≤23.98	PASS
	5310	14.633	≤23.98	PASS

TestMode	Frequency [MHz]	Average Power[dBm]	Limit (dBm)	Verdict
11a	5500	15.706	≤23.98	PASS
	5520	16.919	≤23.98	PASS
	5600	17.011	≤23.98	PASS
	5680	16.803	≤23.98	PASS
	5700	15.440	≤23.98	PASS
11n20SISO	5500	14.582	≤23.98	PASS
	5600	16.966	≤23.98	PASS
	5700	13.783	≤23.98	PASS
11n40SISO	5510	12.688	≤23.98	PASS
	5590	16.920	≤23.98	PASS
	5670	12.402	≤23.98	PASS
11ac20SISO	5500	14.749	≤23.98	PASS
	5520	16.892	≤23.98	PASS
	5600	17.005	≤23.98	PASS
	5680	16.756	≤23.98	PASS
	5700	13.809	≤23.98	PASS
11ac40SISO	5510	12.498	≤23.98	PASS
	5550	17.112	≤23.98	PASS
	5590	16.963	≤23.98	PASS
	5630	16.876	≤23.98	PASS
	5670	12.369	≤23.98	PASS
11ax20SISO	5500	14.193	≤23.98	PASS
	5520	16.911	≤23.98	PASS
	5600	16.705	≤23.98	PASS
	5680	16.807	≤23.98	PASS
	5700	13.802	≤23.98	PASS
11ax40SISO	5510	12.897	≤23.98	PASS
	5550	17.216	≤23.98	PASS
	5590	17.324	≤23.98	PASS
	5630	16.948	≤23.98	PASS
	5670	11.936	≤23.98	PASS

TestMode	Frequency [MHz]	Average Power[dBm]	Limit (dBm)	Verdict
11a	5745	17.149	≤30.00	PASS
	5785	16.950	≤30.00	PASS
	5825	17.132	≤30.00	PASS
11n20SISO	5745	17.051	≤30.00	PASS
	5785	16.844	≤30.00	PASS
	5825	17.115	≤30.00	PASS
11n40SISO	5755	17.111	≤30.00	PASS
	5795	17.125	≤30.00	PASS
11ac20SISO	5745	17.094	≤30.00	PASS
	5785	16.850	≤30.00	PASS
	5825	17.034	≤30.00	PASS
11ac40SISO	5755	16.869	≤30.00	PASS
	5795	17.007	≤30.00	PASS
11ax20SISO	5745	16.607	≤30.00	PASS
	5785	16.805	≤30.00	PASS
	5825	16.752	≤30.00	PASS
11ax40SISO	5755	16.900	≤30.00	PASS
	5795	17.029	≤30.00	PASS

**Maximum power spectral density
Test Result**

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a	Ant1	5180	5.82	≤11.00	PASS
11a	Ant1	5200	5.55	≤11.00	PASS
11a	Ant1	5240	5.32	≤11.00	PASS
11a	Ant1	5260	5.25	≤11.00	PASS
11a	Ant1	5300	5.36	≤11.00	PASS
11a	Ant1	5320	5.33	≤11.00	PASS
11a	Ant1	5500	3.93	≤11.00	PASS
11a	Ant1	5520	5.02	≤11.00	PASS
11a	Ant1	5600	5.76	≤11.00	PASS
11a	Ant1	5680	6.07	≤11.00	PASS
11a	Ant1	5700	4.57	≤11.00	PASS
11a	Ant1	5745	3.68	≤30.00	PASS
11a	Ant1	5785	3.21	≤30.00	PASS
11a	Ant1	5825	3.59	≤30.00	PASS
11n20SISO	Ant1	5180	5.58	≤11.00	PASS
11n20SISO	Ant1	5200	5.30	≤11.00	PASS
11n20SISO	Ant1	5240	5.17	≤11.00	PASS
11n20SISO	Ant1	5260	5.20	≤11.00	PASS
11n20SISO	Ant1	5300	5.17	≤11.00	PASS
11n20SISO	Ant1	5320	5.08	≤11.00	PASS
11n20SISO	Ant1	5500	2.28	≤11.00	PASS
11n20SISO	Ant1	5600	5.92	≤11.00	PASS
11n20SISO	Ant1	5700	2.63	≤11.00	PASS
11n20SISO	Ant1	5745	4.00	≤30.00	PASS
11n20SISO	Ant1	5785	3.22	≤30.00	PASS
11n20SISO	Ant1	5825	3.17	≤30.00	PASS
11n40SISO	Ant1	5190	1.08	≤11.00	PASS
11n40SISO	Ant1	5230	2.49	≤11.00	PASS
11n40SISO	Ant1	5270	2.61	≤11.00	PASS
11n40SISO	Ant1	5310	0.45	≤11.00	PASS
11n40SISO	Ant1	5510	-2.60	≤11.00	PASS
11n40SISO	Ant1	5590	2.60	≤11.00	PASS
11n40SISO	Ant1	5670	-1.67	≤11.00	PASS
11n40SISO	Ant1	5755	0.58	≤30.00	PASS
11n40SISO	Ant1	5795	0.80	≤30.00	PASS
11ac20SISO	Ant1	5180	5.38	≤11.00	PASS
11ac20SISO	Ant1	5200	5.18	≤11.00	PASS
11ac20SISO	Ant1	5240	5.11	≤11.00	PASS
11ac20SISO	Ant1	5260	5.04	≤11.00	PASS
11ac20SISO	Ant1	5300	5.22	≤11.00	PASS
11ac20SISO	Ant1	5320	5.03	≤11.00	PASS
11ac20SISO	Ant1	5500	2.60	≤11.00	PASS
11ac20SISO	Ant1	5520	4.78	≤11.00	PASS
11ac20SISO	Ant1	5600	6.10	≤11.00	PASS
11ac20SISO	Ant1	5680	5.87	≤11.00	PASS
11ac20SISO	Ant1	5700	3.17	≤11.00	PASS
11ac20SISO	Ant1	5745	3.92	≤30.00	PASS
11ac20SISO	Ant1	5785	3.18	≤30.00	PASS
11ac20SISO	Ant1	5825	3.60	≤30.00	PASS
11ac40SISO	Ant1	5190	0.97	≤11.00	PASS
11ac40SISO	Ant1	5230	2.46	≤11.00	PASS
11ac40SISO	Ant1	5270	2.42	≤11.00	PASS
11ac40SISO	Ant1	5310	0.14	≤11.00	PASS
11ac40SISO	Ant1	5510	-2.49	≤11.00	PASS
11ac40SISO	Ant1	5550	2.34	≤11.00	PASS
11ac40SISO	Ant1	5590	2.57	≤11.00	PASS
11ac40SISO	Ant1	5630	3.19	≤11.00	PASS
11ac40SISO	Ant1	5670	-1.61	≤11.00	PASS
11ac40SISO	Ant1	5755	0.85	≤30.00	PASS
11ac40SISO	Ant1	5795	0.66	≤30.00	PASS
11ax20SISO	Ant1	5180	5.28	≤11.00	PASS
11ax20SISO	Ant1	5200	5.04	≤11.00	PASS

11ax20SISO	Ant1	5240	5.29	≤11.00	PASS
11ax20SISO	Ant1	5260	4.78	≤11.00	PASS
11ax20SISO	Ant1	5300	5.07	≤11.00	PASS
11ax20SISO	Ant1	5320	4.83	≤11.00	PASS
11ax20SISO	Ant1	5500	1.69	≤11.00	PASS
11ax20SISO	Ant1	5520	4.56	≤11.00	PASS
11ax20SISO	Ant1	5600	5.69	≤11.00	PASS
11ax20SISO	Ant1	5680	5.89	≤11.00	PASS
11ax20SISO	Ant1	5700	3.72	≤11.00	PASS
11ax20SISO	Ant1	5745	3.33	≤30.00	PASS
11ax20SISO	Ant1	5785	3.02	≤30.00	PASS
11ax20SISO	Ant1	5825	2.95	≤30.00	PASS
11ax40SISO	Ant1	5190	0.89	≤11.00	PASS
11ax40SISO	Ant1	5230	2.73	≤11.00	PASS
11ax40SISO	Ant1	5270	2.55	≤11.00	PASS
11ax40SISO	Ant1	5310	0.08	≤11.00	PASS
11ax40SISO	Ant1	5510	-2.88	≤11.00	PASS
11ax40SISO	Ant1	5550	2.26	≤11.00	PASS
11ax40SISO	Ant1	5590	2.75	≤11.00	PASS
11ax40SISO	Ant1	5630	2.87	≤11.00	PASS
11ax40SISO	Ant1	5670	-1.97	≤11.00	PASS
11ax40SISO	Ant1	5755	0.81	≤30.00	PASS
11ax40SISO	Ant1	5795	0.85	≤30.00	PASS

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

