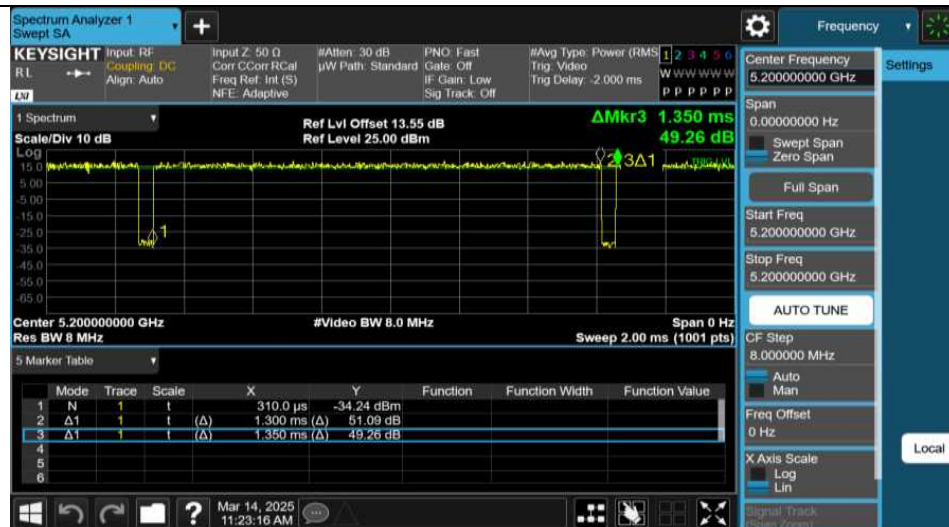


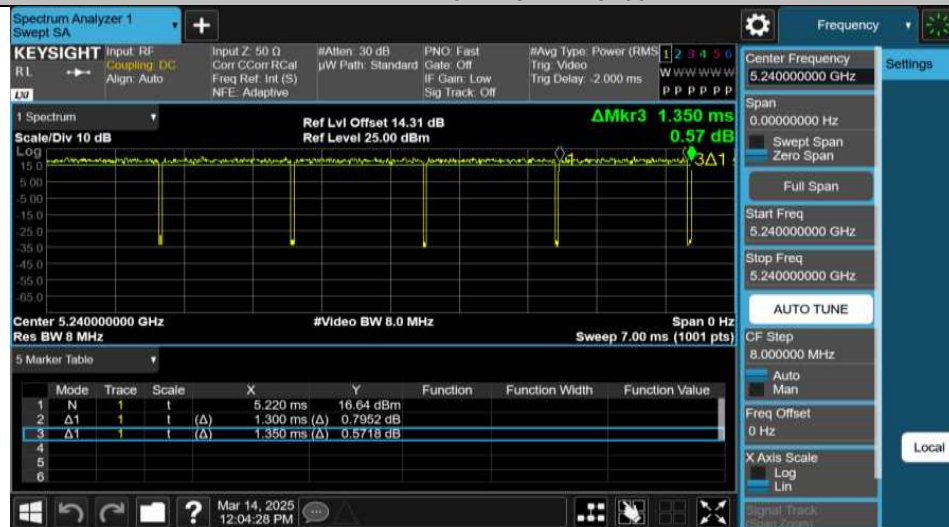
TEST REPORT



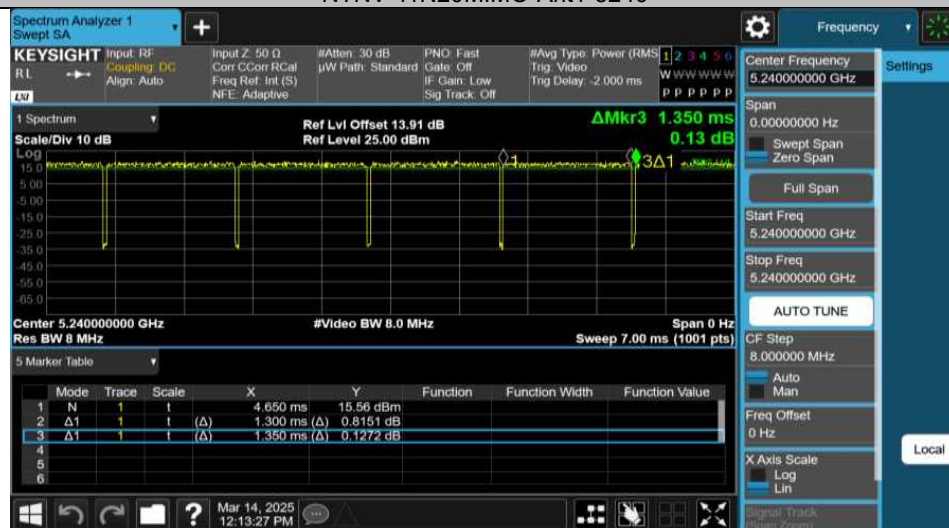




NTNV-11N20MIMO-Ant2-5200



NTNV-11N20MIMO-Ant1-5240

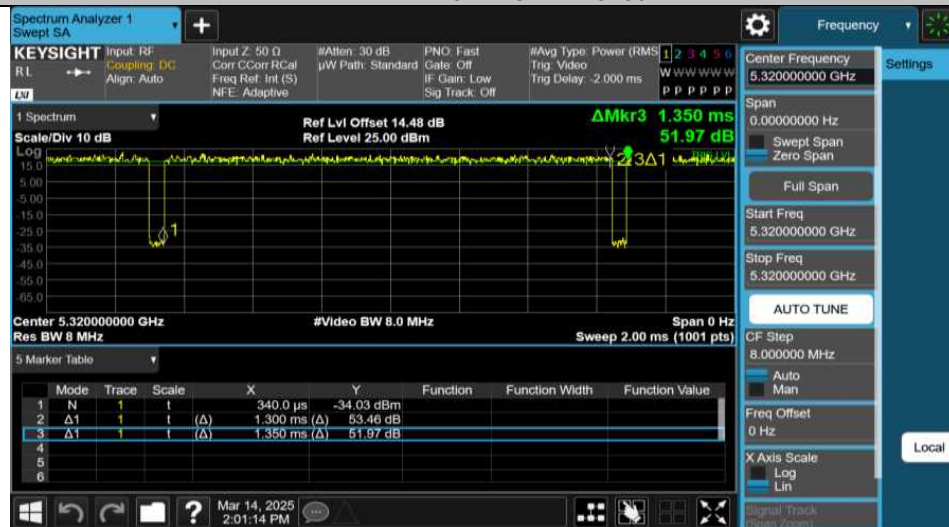


NTNV-11N20MIMO-Ant2-5240





NTNV-11N20MIMO-Ant2-5280



NTNV-11N20MIMO-Ant1-5320



NTNV-11N20MIMO-Ant2-5320



















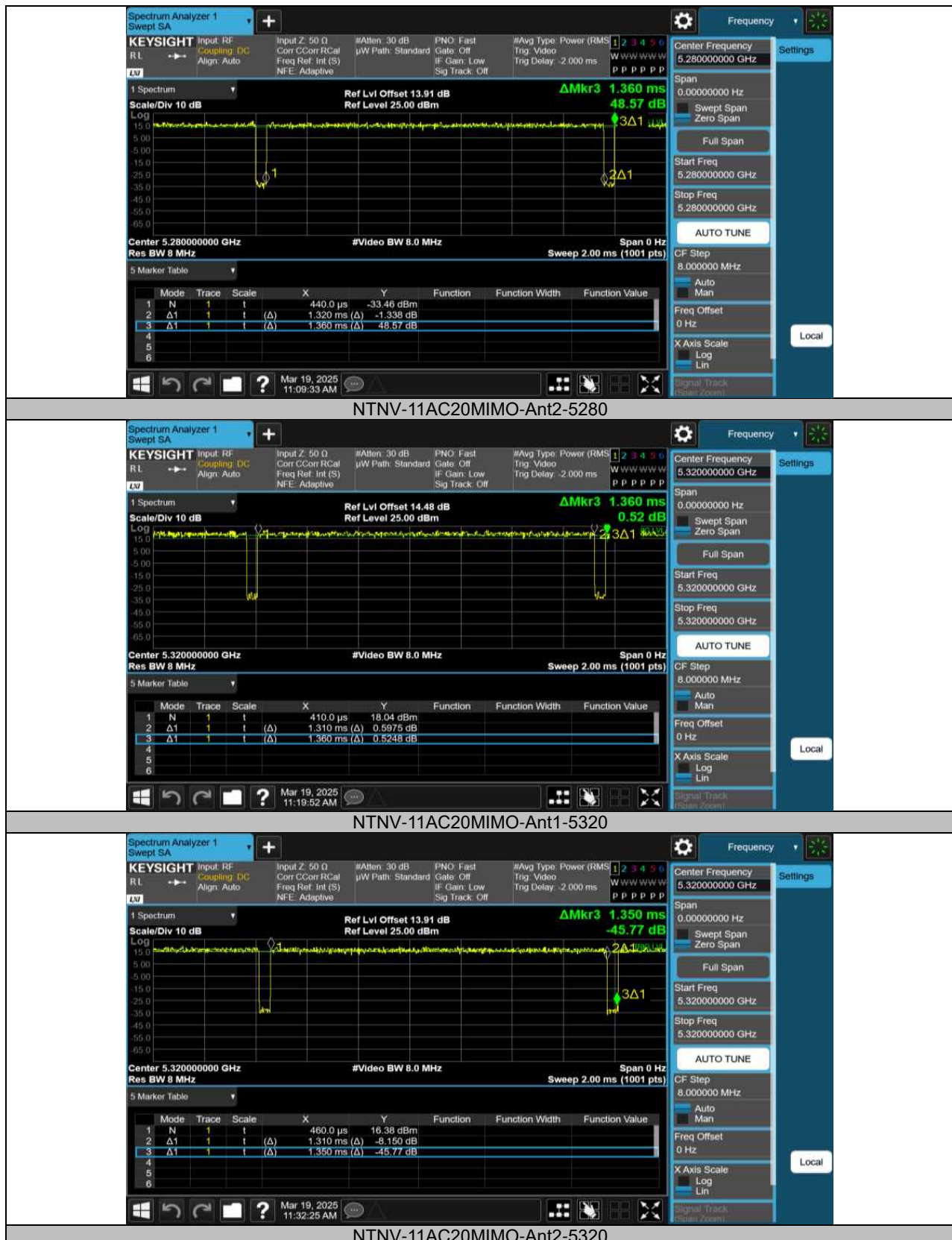




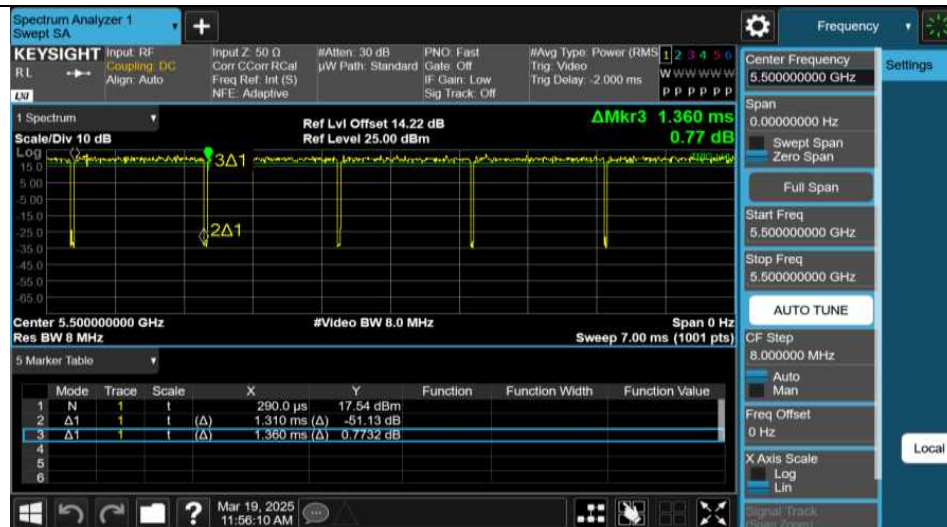
TEST REPORT



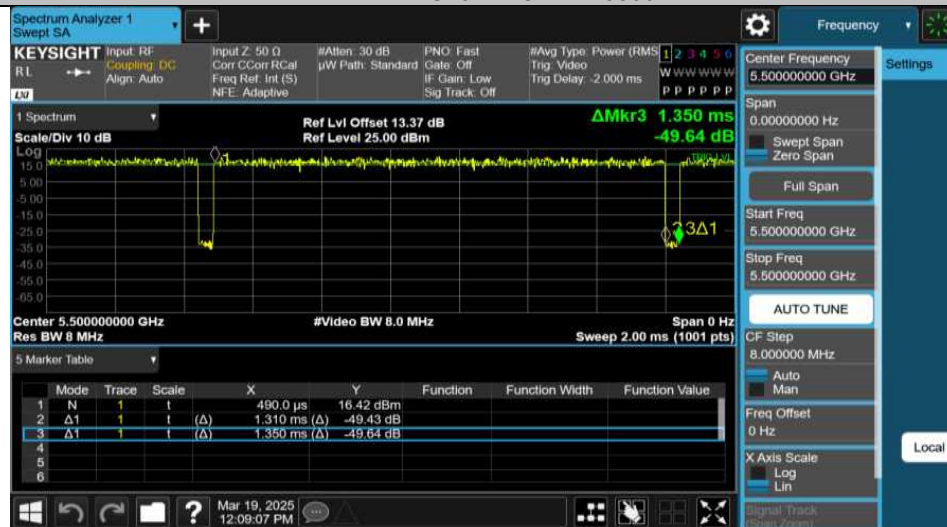




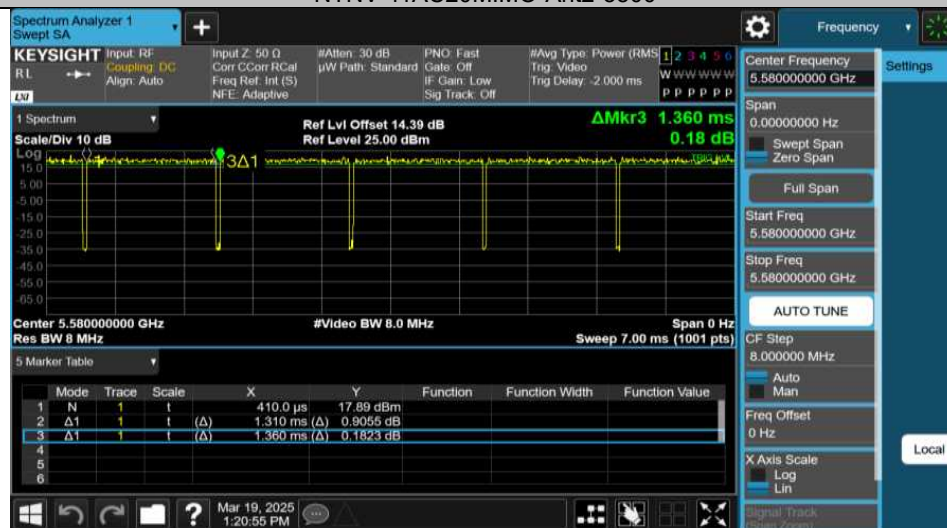
TEST REPORT



NTNV-11AC20MIMO-Ant1-5500

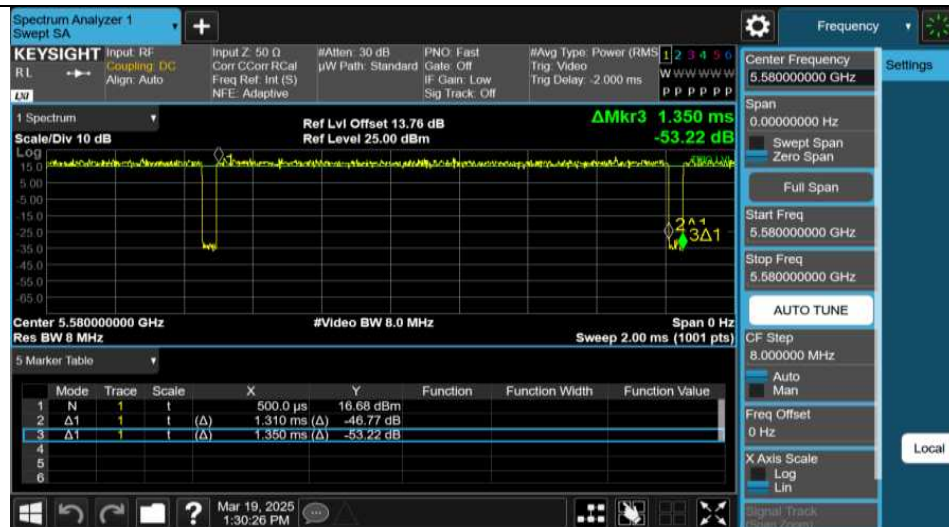


NTNV-11AC20MIMO-Ant2-5500



NTNV-11AC20MIMO-Ant1-5580

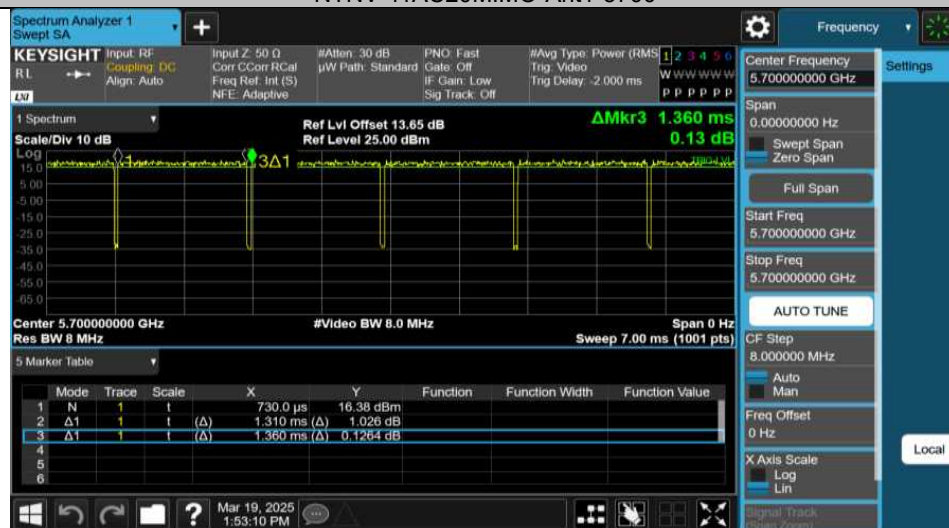
TEST REPORT



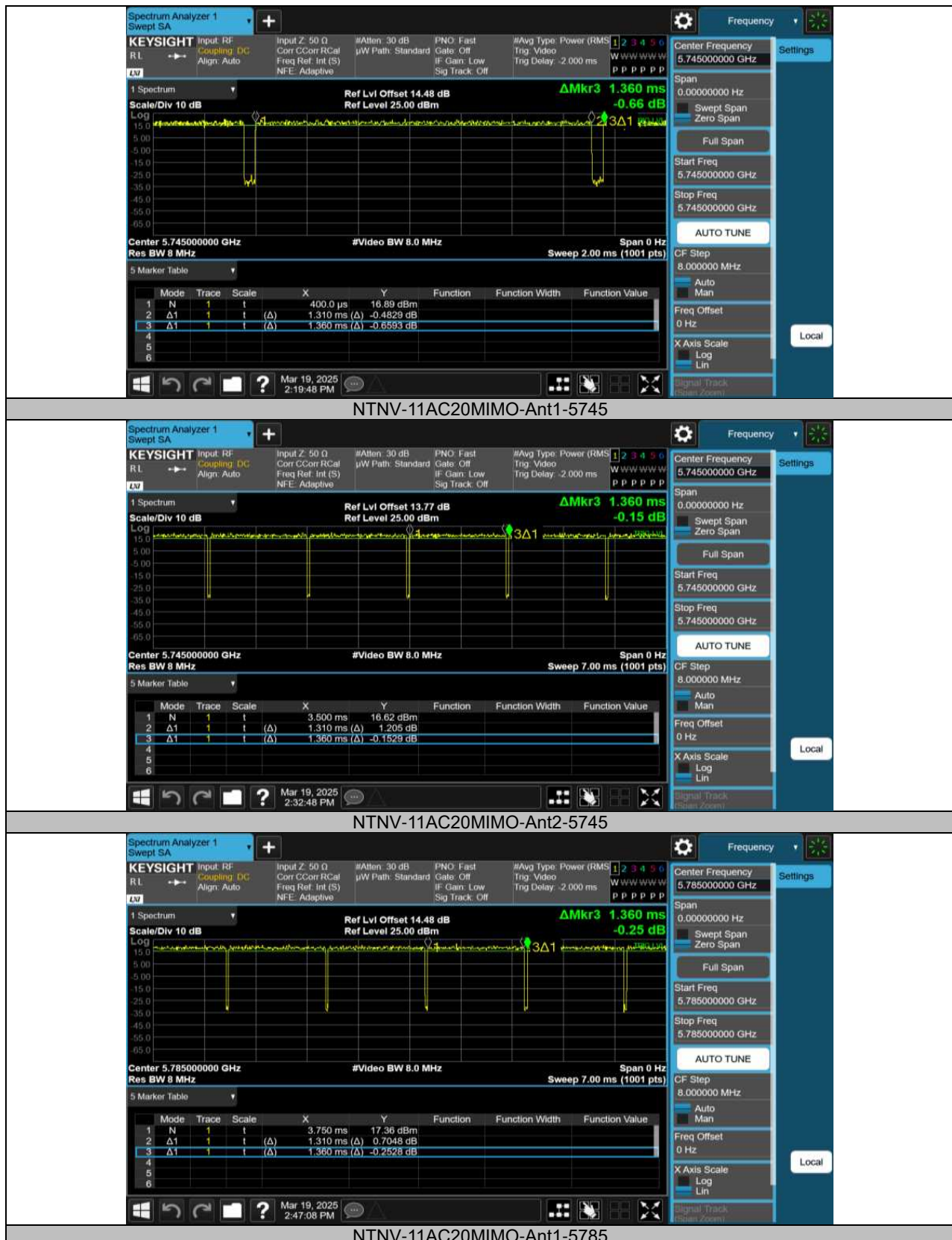
NTNV-11AC20MIMO-Ant2-5580

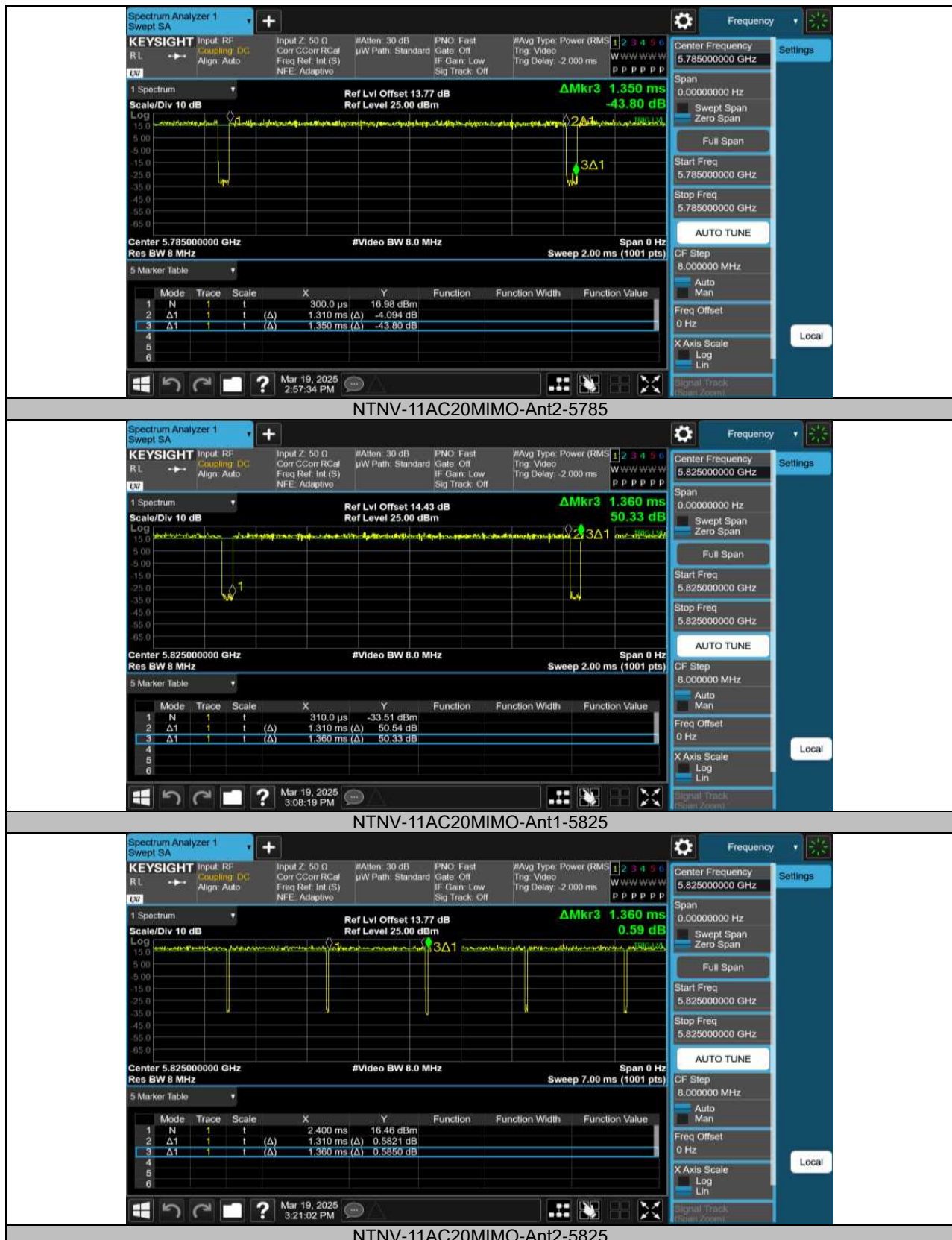


NTNV-11AC20MIMO-Ant1-5700



NTNV-11AC20MIMO-Ant2-5700





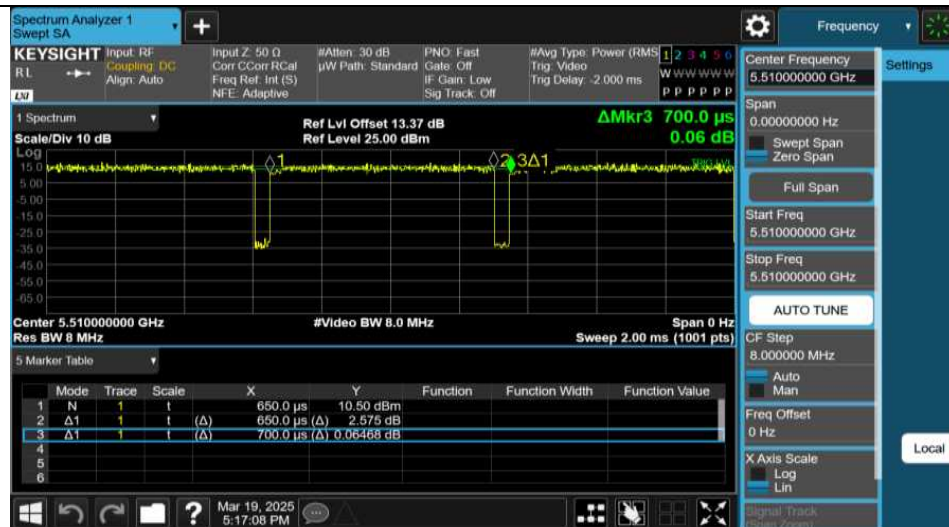


TEST REPORT

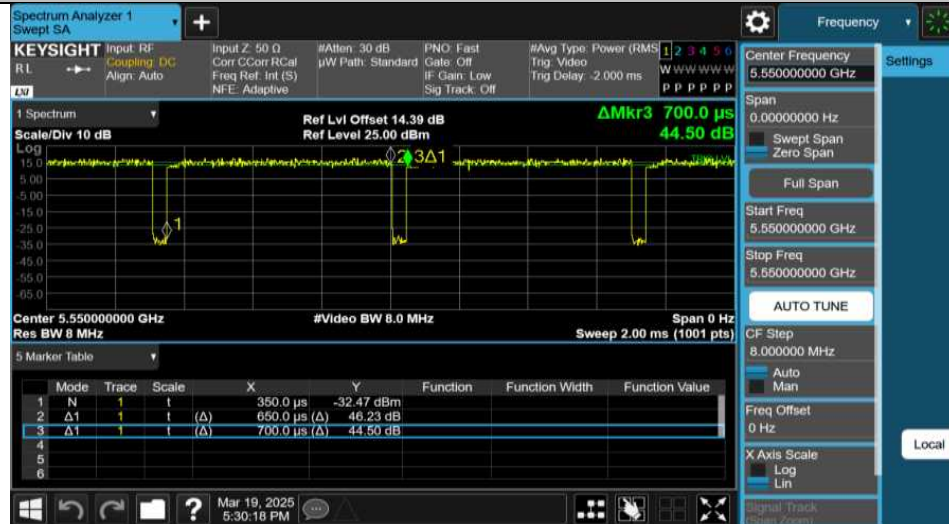


TEST REPORT

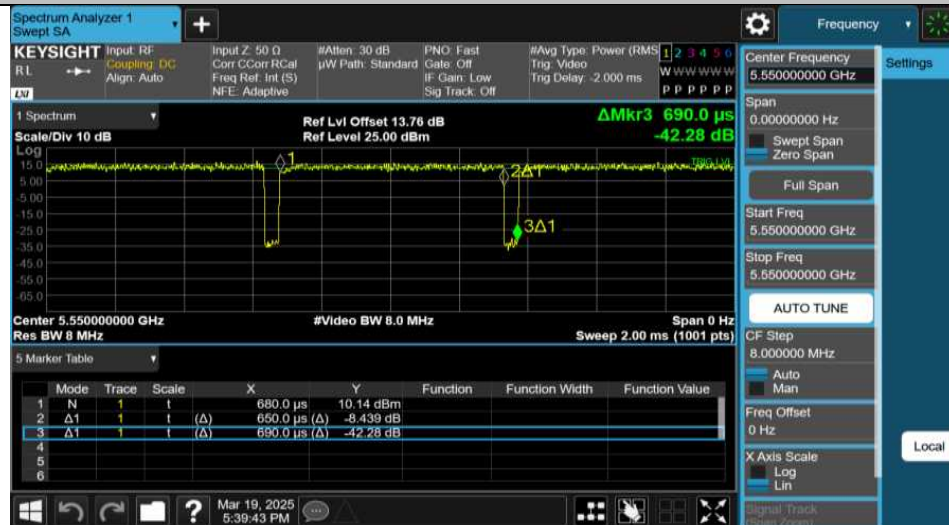




NTNV-11AC40MIMO-Ant2-5510

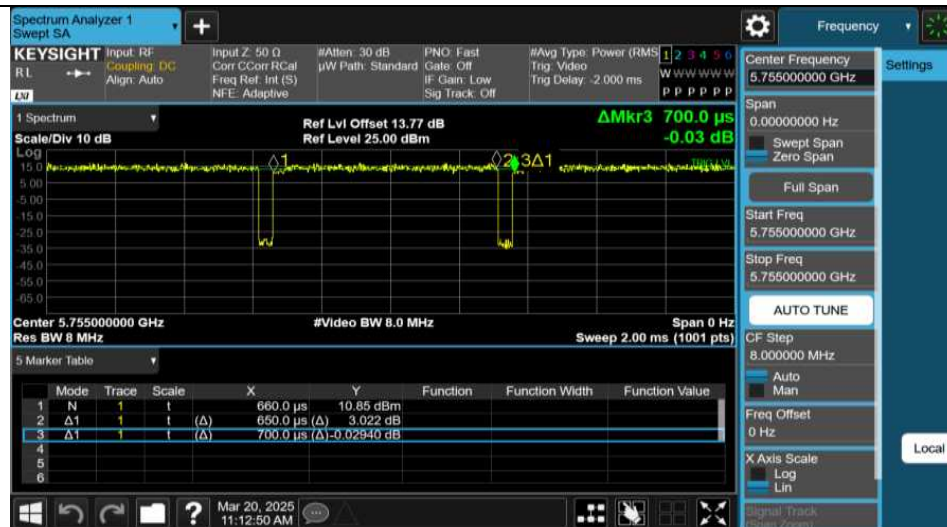


NTNV-11AC40MIMO-Ant1-5550

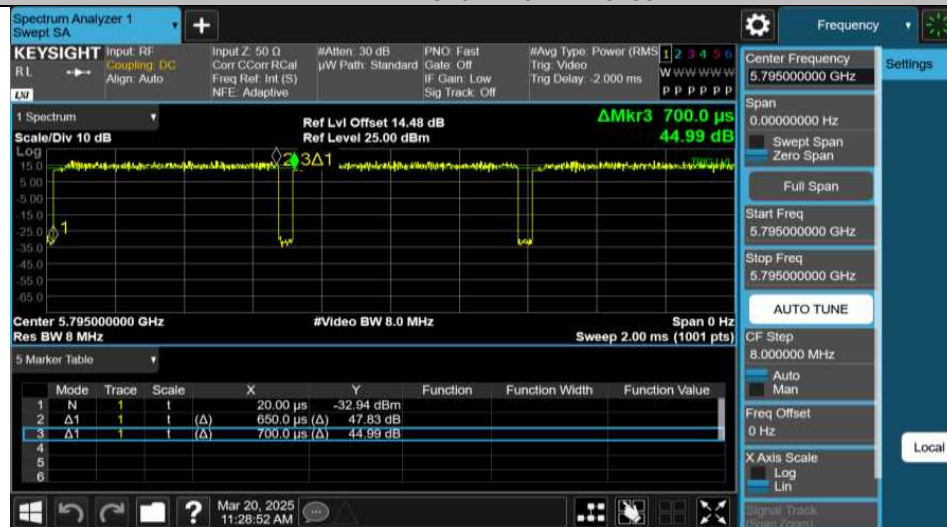


NTNV-11AC40MIMO-Ant2-5550

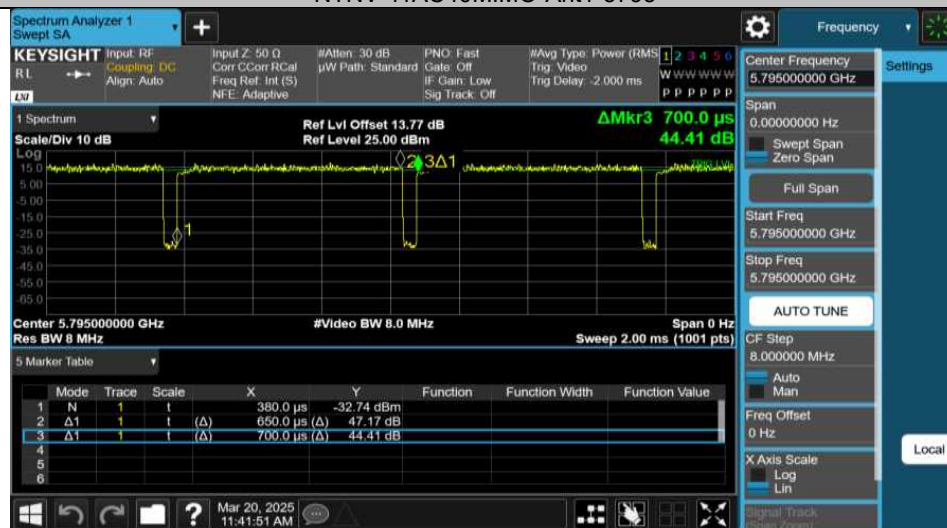




NTNV-11AC40MIMO-Ant2-5755



NTNV-11AC40MIMO-Ant1-5795

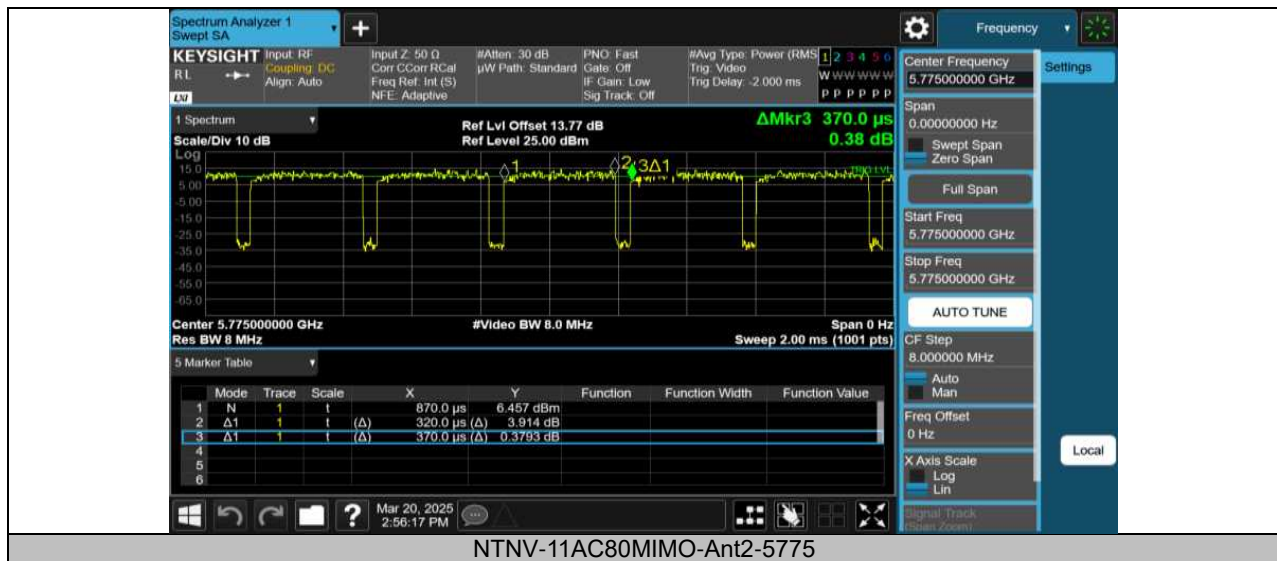


NTNV-11AC40MIMO-Ant2-5795









NTNV-11AC80MIMO-Ant2-5775

TEST REPORT

Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	16.32	97.22	0.12	16.44	≤23.98	1.80	18.24	≤22.00	PASS
11A	Ant2	5180	14.88	96.53	0.15	15.03	≤23.98	0.53	15.56	≤22.00	PASS
11A	Ant1	5200	15.39	96.53	0.15	15.54	≤23.98	1.80	17.34	≤22.00	PASS
11A	Ant2	5200	13.82	97.20	0.12	13.94	≤23.98	0.53	14.47	≤22.00	PASS
11A	Ant1	5240	15.29	96.53	0.15	15.44	≤23.98	1.80	17.24	≤22.00	PASS
11A	Ant2	5240	14.19	96.55	0.15	14.34	≤23.98	0.53	14.87	≤22.00	PASS
11A	Ant1	5260	15.46	96.53	0.15	15.61	≤23.98	1.80	17.41	≤23.00	PASS
11A	Ant2	5260	13.76	96.53	0.15	13.91	≤23.98	0.53	14.44	≤23.00	PASS
11A	Ant1	5280	16.30	96.53	0.15	16.45	≤23.98	1.80	18.25	≤23.00	PASS
11A	Ant2	5280	13.88	96.53	0.15	14.03	≤23.98	0.53	14.56	≤23.00	PASS
11A	Ant1	5320	16.74	96.53	0.15	16.89	≤23.98	1.80	18.69	≤23.00	PASS
11A	Ant2	5320	14.29	97.20	0.12	14.41	≤23.98	0.53	14.94	≤23.00	PASS
11A	Ant1	5500	16.49	96.53	0.15	16.64	≤23.98	1.80	18.44	≤23.00	PASS
11A	Ant2	5500	14.67	97.20	0.12	14.79	≤23.98	0.53	15.32	≤23.00	PASS
11A	Ant1	5580	15.60	97.22	0.12	15.72	≤23.98	1.80	17.52	≤23.00	PASS
11A	Ant2	5580	14.68	96.50	0.15	14.83	≤23.98	0.53	15.36	≤23.00	PASS
11A	Ant1	5700	15.92	97.22	0.12	16.04	≤23.98	1.80	17.84	≤23.00	PASS
11A	Ant2	5700	15.12	97.22	0.12	15.24	≤23.98	0.53	15.77	≤23.00	PASS
11A	Ant1	5745	14.98	96.53	0.15	15.13	≤30.00	1.80	16.93	≤30.00	PASS
11A	Ant2	5745	14.73	96.53	0.15	14.88	≤30.00	0.53	15.41	≤30.00	PASS
11A	Ant1	5785	15.56	96.53	0.15	15.71	≤30.00	1.80	17.51	≤30.00	PASS
11A	Ant2	5785	15.21	96.53	0.15	15.36	≤30.00	0.53	15.89	≤30.00	PASS
11A	Ant1	5825	15.06	96.53	0.15	15.21	≤30.00	1.80	17.01	≤30.00	PASS
11A	Ant2	5825	14.72	96.55	0.15	14.87	≤30.00	0.53	15.40	≤30.00	PASS
11N20MI MO	Ant1	5180	15.09	97.01	0.13	15.22	≤23.98	1.80	17.02	≤22.00	PASS
11N20MI MO	Ant2	5180	13.29	97.01	0.13	13.42	≤23.98	0.53	13.95	≤22.00	PASS
11N20MI MO	total	5180	---	---	---	17.42	≤23.98	1.80	19.22	≤22.00	PASS
11N20MI MO	Ant1	5200	14.77	96.30	0.16	14.93	≤23.98	1.80	16.73	≤22.00	PASS
11N20MI MO	Ant2	5200	13.13	96.30	0.16	13.29	≤23.98	0.53	13.82	≤22.00	PASS
11N20MI MO	total	5200	---	---	---	17.20	≤23.98	1.80	19.00	≤22.00	PASS
11N20MI MO	Ant1	5240	14.51	96.30	0.16	14.67	≤23.98	1.80	16.47	≤22.00	PASS
11N20MI MO	Ant2	5240	13.48	96.30	0.16	13.64	≤23.98	0.53	14.17	≤22.00	PASS
11N20MI MO	total	5240	---	---	---	17.20	≤23.98	1.80	19.00	≤22.00	PASS
11N20MI MO	Ant1	5260	14.79	97.01	0.13	14.92	≤23.98	1.80	16.72	≤23.00	PASS
11N20MI MO	Ant2	5260	12.78	96.30	0.16	12.94	≤23.98	0.53	13.47	≤23.00	PASS
11N20MI MO	total	5260	---	---	---	17.05	≤23.98	1.80	18.85	≤23.00	PASS
11N20MI MO	Ant1	5280	15.28	96.27	0.17	15.45	≤23.98	1.80	17.25	≤23.00	PASS
11N20MI MO	Ant2	5280	12.93	97.01	0.13	13.06	≤23.98	0.53	13.59	≤23.00	PASS
11N20MI MO	total	5280	---	---	---	17.43	≤23.98	1.80	19.23	≤23.00	PASS
11N20MI	Ant1	5320	15.60	96.30	0.16	15.76	≤23.98	1.80	17.56	≤23.00	PASS

TEST REPORT

MO											
11N20MI MO	Ant2	5320	13.18	96.30	0.16	13.34	≤23.98	0.53	13.87	≤23.00	PASS
11N20MI MO	total	5320	---	---	---	17.73	≤23.98	1.80	19.53	≤23.00	PASS
11N20MI MO	Ant1	5500	15.47	96.30	0.16	15.63	≤23.98	1.80	17.43	≤23.00	PASS
11N20MI MO	Ant2	5500	14.01	96.30	0.16	14.17	≤23.98	0.53	14.70	≤23.00	PASS
11N20MI MO	total	5500	---	---	---	17.97	≤23.98	1.80	19.77	≤23.00	PASS
11N20MI MO	Ant1	5580	14.60	96.30	0.16	14.76	≤23.98	1.80	16.56	≤23.00	PASS
11N20MI MO	Ant2	5580	13.67	96.30	0.16	13.83	≤23.98	0.53	14.36	≤23.00	PASS
11N20MI MO	total	5580	---	---	---	17.33	≤23.98	1.80	19.13	≤23.00	PASS
11N20MI MO	Ant1	5700	14.93	96.30	0.16	15.09	≤23.98	1.80	16.89	≤23.00	PASS
11N20MI MO	Ant2	5700	13.91	97.01	0.13	14.04	≤23.98	0.53	14.57	≤23.00	PASS
11N20MI MO	total	5700	---	---	---	17.61	≤23.98	1.80	19.41	≤23.00	PASS
11N20MI MO	Ant1	5745	14.17	97.04	0.13	14.30	≤30.00	1.80	16.10	≤30.00	PASS
11N20MI MO	Ant2	5745	13.74	96.30	0.16	13.90	≤30.00	0.53	14.43	≤30.00	PASS
11N20MI MO	total	5745	---	---	---	17.11	≤30.00	1.80	18.91	≤30.00	PASS
11N20MI MO	Ant1	5785	14.38	96.30	0.16	14.54	≤30.00	1.80	16.34	≤30.00	PASS
11N20MI MO	Ant2	5785	13.95	96.30	0.16	14.11	≤30.00	0.53	14.64	≤30.00	PASS
11N20MI MO	total	5785	---	---	---	17.34	≤30.00	1.80	19.14	≤30.00	PASS
11N20MI MO	Ant1	5825	14.15	97.04	0.13	14.28	≤30.00	1.80	16.08	≤30.00	PASS
11N20MI MO	Ant2	5825	13.55	97.01	0.13	13.68	≤30.00	0.53	14.21	≤30.00	PASS
11N20MI MO	total	5825	---	---	---	17.00	≤30.00	1.80	18.80	≤30.00	PASS
11N40MI MO	Ant1	5190	15.03	94.20	0.26	15.29	≤23.98	1.80	17.09	≤22.00	PASS
11N40MI MO	Ant2	5190	13.19	94.20	0.26	13.45	≤23.98	0.53	13.98	≤22.00	PASS
11N40MI MO	total	5190	---	---	---	17.48	≤23.98	1.80	19.28	≤22.00	PASS
11N40MI MO	Ant1	5230	14.78	92.75	0.33	15.11	≤23.98	1.80	16.91	≤22.00	PASS
11N40MI MO	Ant2	5230	13.52	94.20	0.26	13.78	≤23.98	0.53	14.31	≤22.00	PASS
11N40MI MO	total	5230	---	---	---	17.51	≤23.98	1.80	19.31	≤22.00	PASS
11N40MI MO	Ant1	5270	15.38	92.75	0.33	15.71	≤23.98	1.80	17.51	≤23.00	PASS
11N40MI MO	Ant2	5270	13.38	94.20	0.26	13.64	≤23.98	0.53	14.17	≤23.00	PASS
11N40MI MO	total	5270	---	---	---	17.81	≤23.98	1.80	19.61	≤23.00	PASS
11N40MI MO	Ant1	5310	15.77	94.20	0.26	16.03	≤23.98	1.80	17.83	≤23.00	PASS
11N40MI	Ant2	5310	13.44	94.20	0.26	13.70	≤23.98	0.53	14.23	≤23.00	PASS

TEST REPORT

MO											
11N40MI MO	total	5310	---	---	---	18.03	≤23.98	1.80	19.83	≤23.00	PASS
11N40MI MO	Ant1	5510	15.60	92.75	0.33	15.93	≤23.98	1.80	17.73	≤23.00	PASS
11N40MI MO	Ant2	5510	13.72	94.20	0.26	13.98	≤23.98	0.53	14.51	≤23.00	PASS
11N40MI MO	total	5510	---	---	---	18.07	≤23.98	1.80	19.87	≤23.00	PASS
11N40MI MO	Ant1	5550	14.89	92.86	0.32	15.21	≤23.98	1.80	17.01	≤23.00	PASS
11N40MI MO	Ant2	5550	13.58	92.86	0.32	13.90	≤23.98	0.53	14.43	≤23.00	PASS
11N40MI MO	total	5550	---	---	---	17.61	≤23.98	1.80	19.41	≤23.00	PASS
11N40MI MO	Ant1	5670	15.09	92.75	0.33	15.42	≤23.98	1.80	17.22	≤23.00	PASS
11N40MI MO	Ant2	5670	14.60	92.75	0.33	14.93	≤23.98	0.53	15.46	≤23.00	PASS
11N40MI MO	total	5670	---	---	---	18.19	≤23.98	1.80	19.99	≤23.00	PASS
11N40MI MO	Ant1	5755	14.58	94.20	0.26	14.84	≤30.00	1.80	16.64	≤30.00	PASS
11N40MI MO	Ant2	5755	13.90	92.75	0.33	14.23	≤30.00	0.53	14.76	≤30.00	PASS
11N40MI MO	total	5755	---	---	---	17.56	≤30.00	1.80	19.36	≤30.00	PASS
11N40MI MO	Ant1	5795	14.76	92.86	0.32	15.08	≤30.00	1.80	16.88	≤30.00	PASS
11N40MI MO	Ant2	5795	14.01	94.20	0.26	14.27	≤30.00	0.53	14.80	≤30.00	PASS
11N40MI MO	total	5795	---	---	---	17.70	≤30.00	1.80	19.50	≤30.00	PASS
11AC20M IMO	Ant1	5180	14.72	97.04	0.13	14.85	≤23.98	1.80	16.65	≤22.00	PASS
11AC20M IMO	Ant2	5180	13.25	97.04	0.13	13.38	≤23.98	0.53	13.91	≤22.00	PASS
11AC20M IMO	total	5180	---	---	---	17.19	≤23.98	1.80	18.99	≤22.00	PASS
11AC20M IMO	Ant1	5200	14.83	96.32	0.16	14.99	≤23.98	1.80	16.79	≤22.00	PASS
11AC20M IMO	Ant2	5200	12.98	96.32	0.16	13.14	≤23.98	0.53	13.67	≤22.00	PASS
11AC20M IMO	total	5200	---	---	---	17.17	≤23.98	1.80	18.97	≤22.00	PASS
11AC20M IMO	Ant1	5240	14.26	96.32	0.16	14.42	≤23.98	1.80	16.22	≤22.00	PASS
11AC20M IMO	Ant2	5240	13.43	97.04	0.13	13.56	≤23.98	0.53	14.09	≤22.00	PASS
11AC20M IMO	total	5240	---	---	---	17.02	≤23.98	1.80	18.82	≤22.00	PASS
11AC20M IMO	Ant1	5260	14.62	96.32	0.16	14.78	≤23.98	1.80	16.58	≤23.00	PASS
11AC20M IMO	Ant2	5260	12.60	96.32	0.16	12.76	≤23.98	0.53	13.29	≤23.00	PASS
11AC20M IMO	total	5260	---	---	---	16.90	≤23.98	1.80	18.70	≤23.00	PASS
11AC20M IMO	Ant1	5280	15.22	96.32	0.16	15.38	≤23.98	1.80	17.18	≤23.00	PASS
11AC20M IMO	Ant2	5280	12.43	97.06	0.13	12.56	≤23.98	0.53	13.09	≤23.00	PASS
11AC20M	total	5280	---	---	---	17.21	≤23.98	1.80	19.01	≤23.00	PASS

TEST REPORT

IMO											
11AC20M IMO	Ant1	5320	15.60	96.32	0.16	15.76	≤23.98	1.80	17.56	≤23.00	PASS
11AC20M IMO	Ant2	5320	13.29	97.04	0.13	13.42	≤23.98	0.53	13.95	≤23.00	PASS
11AC20M IMO	total	5320	---	---	---	17.76	≤23.98	1.80	19.56	≤23.00	PASS
11AC20M IMO	Ant1	5500	15.38	96.32	0.16	15.54	≤23.98	1.80	17.34	≤23.00	PASS
11AC20M IMO	Ant2	5500	13.90	97.04	0.13	14.03	≤23.98	0.53	14.56	≤23.00	PASS
11AC20M IMO	total	5500	---	---	---	17.86	≤23.98	1.80	19.66	≤23.00	PASS
11AC20M IMO	Ant1	5580	15.04	96.32	0.16	15.20	≤23.98	1.80	17.00	≤23.00	PASS
11AC20M IMO	Ant2	5580	13.95	97.04	0.13	14.08	≤23.98	0.53	14.61	≤23.00	PASS
11AC20M IMO	total	5580	---	---	---	17.69	≤23.98	1.80	19.49	≤23.00	PASS
11AC20M IMO	Ant1	5700	15.19	96.32	0.16	15.35	≤23.98	1.80	17.15	≤23.00	PASS
11AC20M IMO	Ant2	5700	13.97	96.32	0.16	14.13	≤23.98	0.53	14.66	≤23.00	PASS
11AC20M IMO	total	5700	---	---	---	17.79	≤23.98	1.80	19.59	≤23.00	PASS
11AC20M IMO	Ant1	5745	14.55	96.32	0.16	14.71	≤30.00	1.80	16.51	≤30.00	PASS
11AC20M IMO	Ant2	5745	14.03	96.32	0.16	14.19	≤30.00	0.53	14.72	≤30.00	PASS
11AC20M IMO	total	5745	---	---	---	17.47	≤30.00	1.80	19.27	≤30.00	PASS
11AC20M IMO	Ant1	5785	14.70	96.32	0.16	14.86	≤30.00	1.80	16.66	≤30.00	PASS
11AC20M IMO	Ant2	5785	14.16	97.04	0.13	14.29	≤30.00	0.53	14.82	≤30.00	PASS
11AC20M IMO	total	5785	---	---	---	17.59	≤30.00	1.80	19.39	≤30.00	PASS
11AC20M IMO	Ant1	5825	14.35	96.32	0.16	14.51	≤30.00	1.80	16.31	≤30.00	PASS
11AC20M IMO	Ant2	5825	13.85	96.32	0.16	14.01	≤30.00	0.53	14.54	≤30.00	PASS
11AC20M IMO	total	5825	---	---	---	17.28	≤30.00	1.80	19.08	≤30.00	PASS
11AC40M IMO	Ant1	5190	15.02	94.29	0.26	15.28	≤23.98	1.80	17.08	≤22.00	PASS
11AC40M IMO	Ant2	5190	13.20	94.20	0.26	13.46	≤23.98	0.53	13.99	≤22.00	PASS
11AC40M IMO	total	5190	---	---	---	17.47	≤23.98	1.80	19.27	≤22.00	PASS
11AC40M IMO	Ant1	5230	14.74	94.20	0.26	15.00	≤23.98	1.80	16.80	≤22.00	PASS
11AC40M IMO	Ant2	5230	13.59	92.86	0.32	13.91	≤23.98	0.53	14.44	≤22.00	PASS
11AC40M IMO	total	5230	---	---	---	17.50	≤23.98	1.80	19.30	≤22.00	PASS
11AC40M IMO	Ant1	5270	15.25	92.86	0.32	15.57	≤23.98	1.80	17.37	≤23.00	PASS
11AC40M IMO	Ant2	5270	13.07	94.20	0.26	13.33	≤23.98	0.53	13.86	≤23.00	PASS
11AC40M IMO	total	5270	---	---	---	17.60	≤23.98	1.80	19.40	≤23.00	PASS
11AC40M	Ant1	5310	15.90	92.86	0.32	16.22	≤23.98	1.80	18.02	≤23.00	PASS

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IMO											
11AC40M IMO	Ant2	5310	13.37	94.20	0.26	13.63	≤23.98	0.53	14.16	≤23.00	PASS
11AC40M IMO	total	5310	---	---	---	18.13	≤23.98	1.80	19.93	≤23.00	PASS
11AC40M IMO	Ant1	5510	15.49	94.20	0.26	15.75	≤23.98	1.80	17.55	≤23.00	PASS
11AC40M IMO	Ant2	5510	13.85	92.86	0.32	14.17	≤23.98	0.53	14.70	≤23.00	PASS
11AC40M IMO	total	5510	---	---	---	18.04	≤23.98	1.80	19.84	≤23.00	PASS
11AC40M IMO	Ant1	5550	14.74	92.86	0.32	15.06	≤23.98	1.80	16.86	≤23.00	PASS
11AC40M IMO	Ant2	5550	13.39	94.20	0.26	13.65	≤23.98	0.53	14.18	≤23.00	PASS
11AC40M IMO	total	5550	---	---	---	17.42	≤23.98	1.80	19.22	≤23.00	PASS
11AC40M IMO	Ant1	5670	14.72	92.86	0.32	15.04	≤23.98	1.80	16.84	≤23.00	PASS
11AC40M IMO	Ant2	5670	14.65	94.20	0.26	14.91	≤23.98	0.53	15.44	≤23.00	PASS
11AC40M IMO	total	5670	---	---	---	17.99	≤23.98	1.80	19.79	≤23.00	PASS
11AC40M IMO	Ant1	5755	14.70	94.29	0.26	14.96	≤30.00	1.80	16.76	≤30.00	PASS
11AC40M IMO	Ant2	5755	14.20	92.86	0.32	14.52	≤30.00	0.53	15.05	≤30.00	PASS
11AC40M IMO	total	5755	---	---	---	17.76	≤30.00	1.80	19.56	≤30.00	PASS
11AC40M IMO	Ant1	5795	14.88	92.86	0.32	15.20	≤30.00	1.80	17.00	≤30.00	PASS
11AC40M IMO	Ant2	5795	14.02	92.86	0.32	14.34	≤30.00	0.53	14.87	≤30.00	PASS
11AC40M IMO	total	5795	---	---	---	17.80	≤30.00	1.80	19.60	≤30.00	PASS
11AC80M IMO	Ant1	5210	14.03	88.89	0.51	14.54	≤23.98	1.80	16.34	≤22.00	PASS
11AC80M IMO	Ant2	5210	12.67	88.89	0.51	13.18	≤23.98	0.53	13.71	≤22.00	PASS
11AC80M IMO	total	5210	---	---	---	16.92	≤23.98	1.80	18.72	≤22.00	PASS
11AC80M IMO	Ant1	5290	14.55	86.49	0.63	15.18	≤23.98	1.80	16.98	≤23.00	PASS
11AC80M IMO	Ant2	5290	12.34	86.49	0.63	12.97	≤23.98	0.53	13.50	≤23.00	PASS
11AC80M IMO	total	5290	---	---	---	17.22	≤23.98	1.80	19.02	≤23.00	PASS
11AC80M IMO	Ant1	5530	14.41	89.19	0.50	14.91	≤23.98	1.80	16.71	≤23.00	PASS
11AC80M IMO	Ant2	5530	12.82	86.49	0.63	13.45	≤23.98	0.53	13.98	≤23.00	PASS
11AC80M IMO	total	5530	---	---	---	17.25	≤23.98	1.80	19.05	≤23.00	PASS
11AC80M IMO	Ant1	5610	14.13	86.49	0.63	14.76	≤23.98	1.80	16.56	≤23.00	PASS
11AC80M IMO	Ant2	5610	13.51	89.19	0.50	14.01	≤23.98	0.53	14.54	≤23.00	PASS
11AC80M IMO	total	5610	---	---	---	17.41	≤23.98	1.80	19.21	≤23.00	PASS
11AC80M IMO	Ant1	5775	14.11	86.49	0.63	14.74	≤30.00	1.80	16.54	≤30.00	PASS
11AC80M	Ant2	5775	13.61	86.49	0.63	14.24	≤30.00	0.53	14.77	≤30.00	PASS

TEST REPORT

IMO											
11AC80M IMO	total	5775	---	---	---	17.51	≤30.00	1.80	19.31	≤30.00	PASS

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