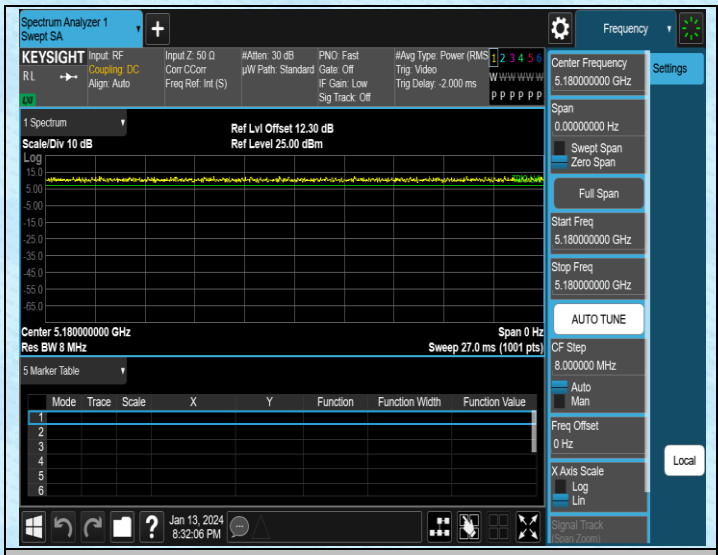
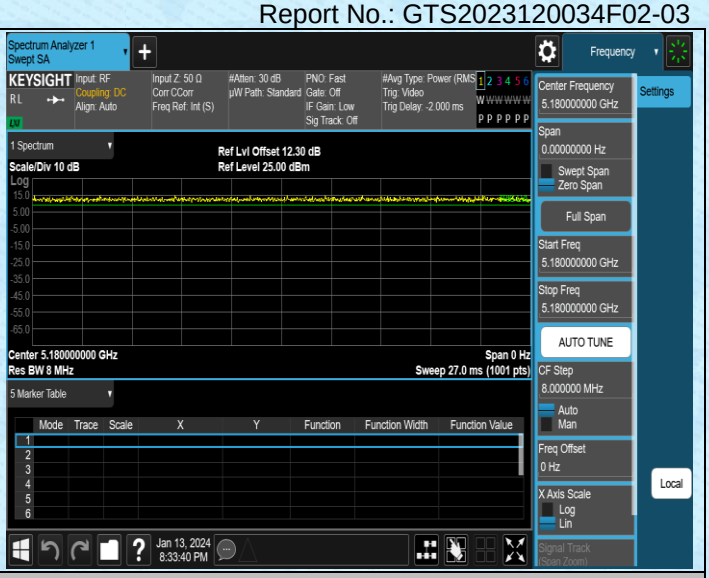
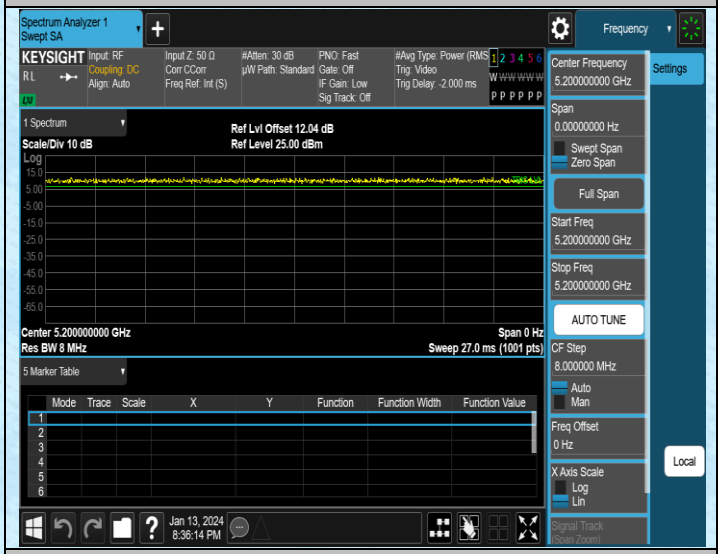


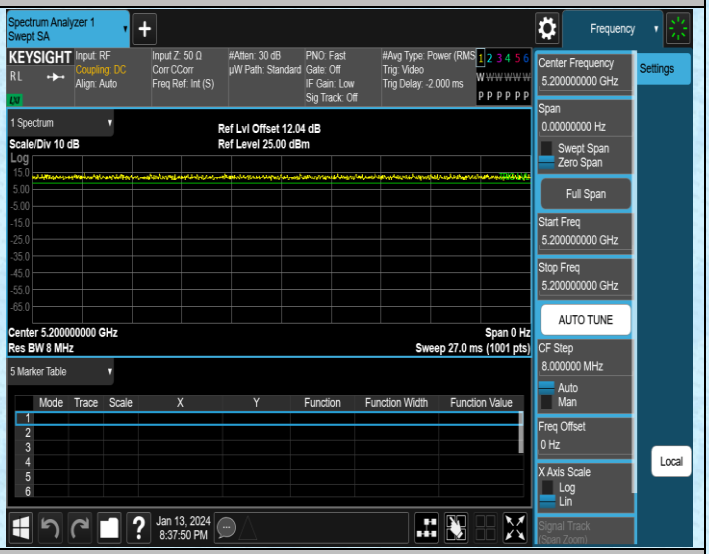
NTNV-11AC20MIMO-Ant1-5180



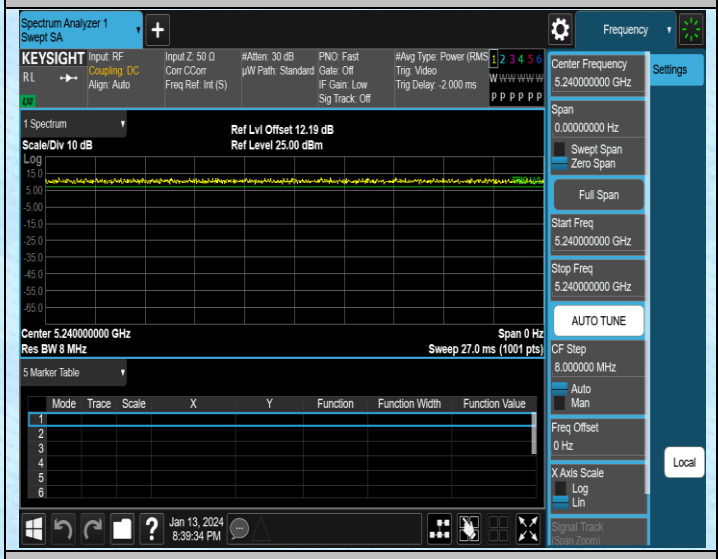
NTNV-11AC20MIMO-Ant2-5180



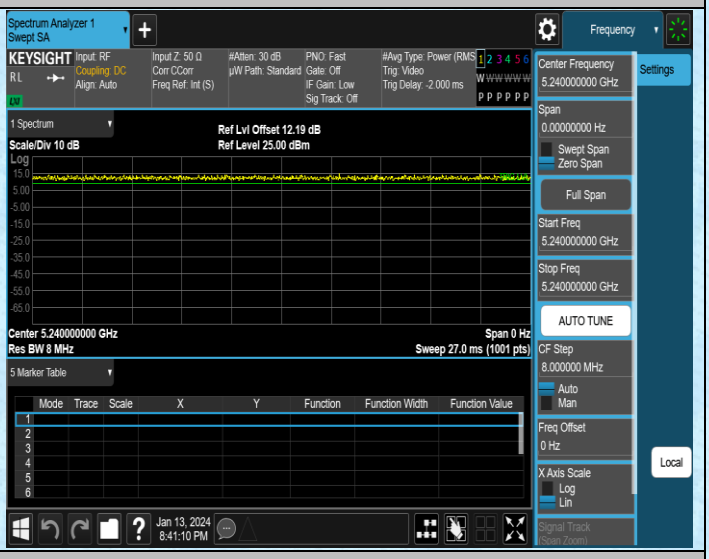
NTNV-11AC20MIMO-Ant1-5200



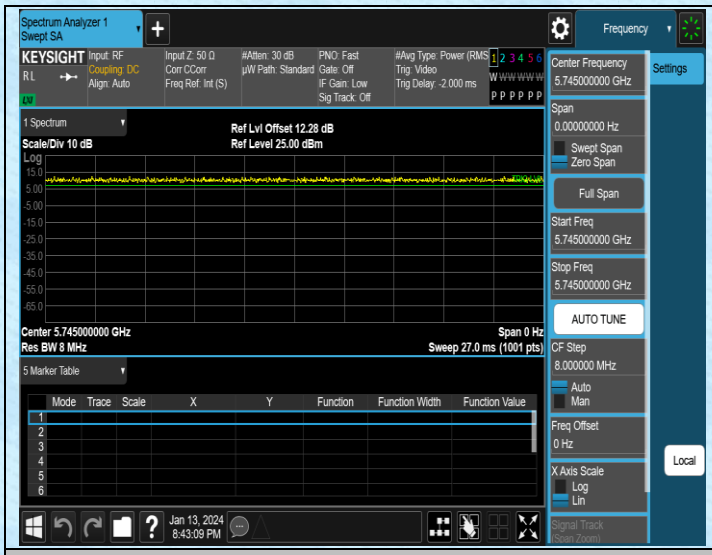
NTNV-11AC20MIMO-Ant2-5200



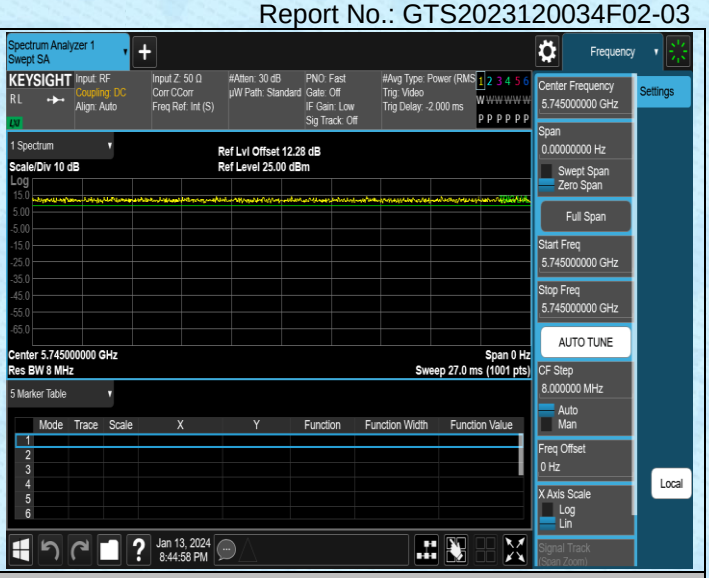
NTNV-11AC20MIMO-Ant1-5240



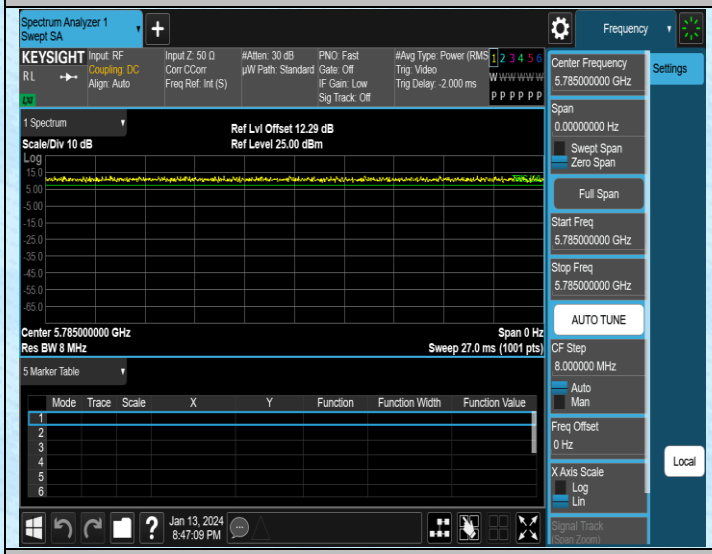
NTNV-11AC20MIMO-Ant2-5240



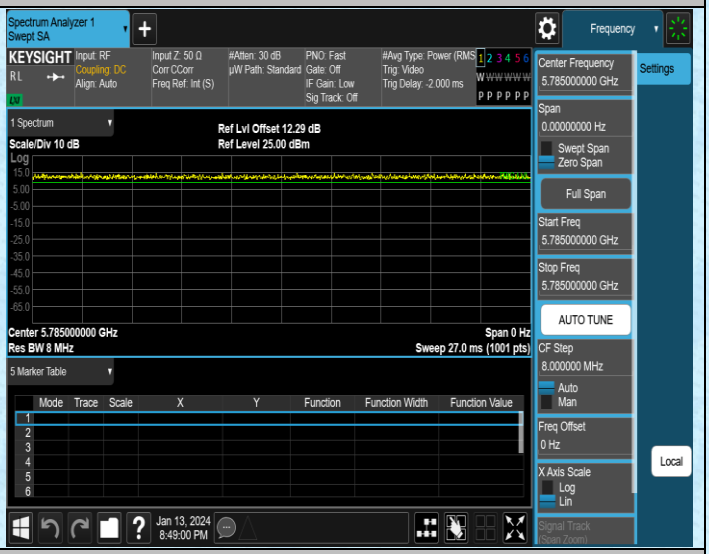
NTNV-11AC20MIMO-Ant1-5745



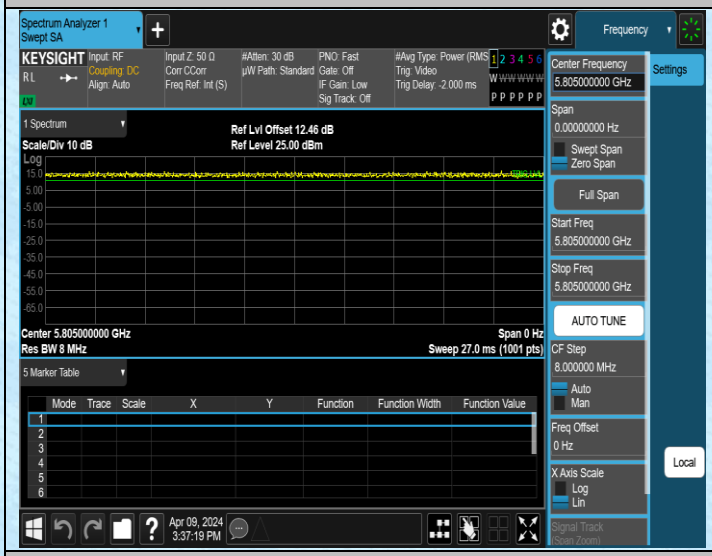
NTNV-11AC20MIMO-Ant2-5745



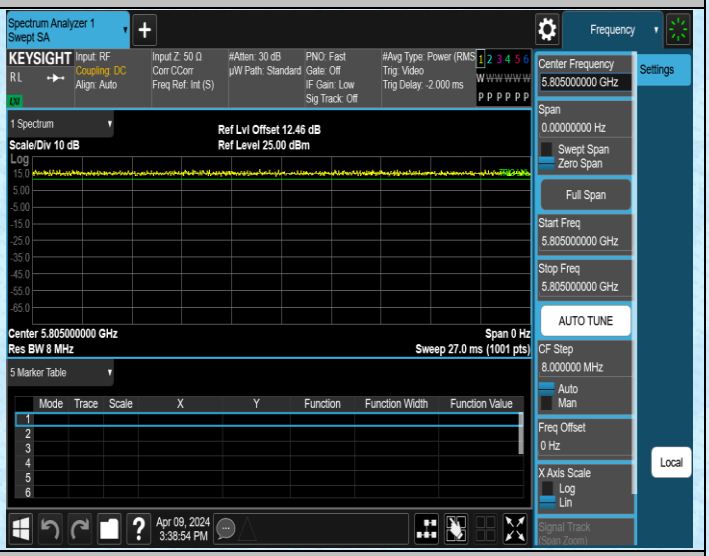
NTNV-11AC20MIMO-Ant1-5785



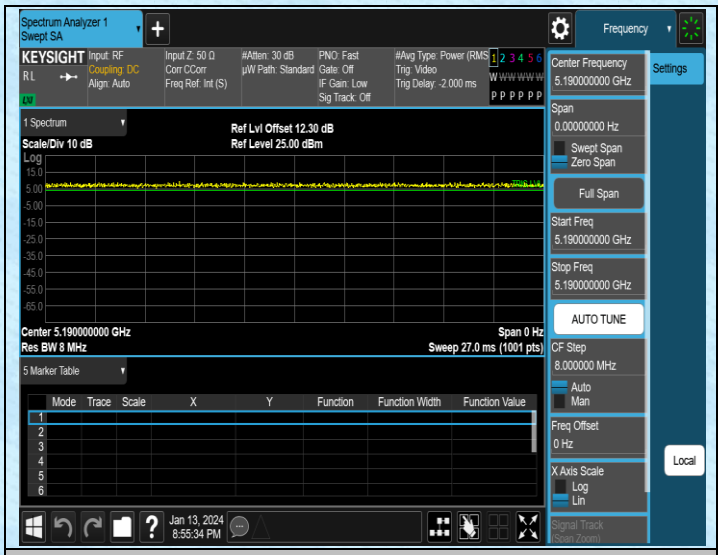
NTNV-11AC20MIMO-Ant2-5785



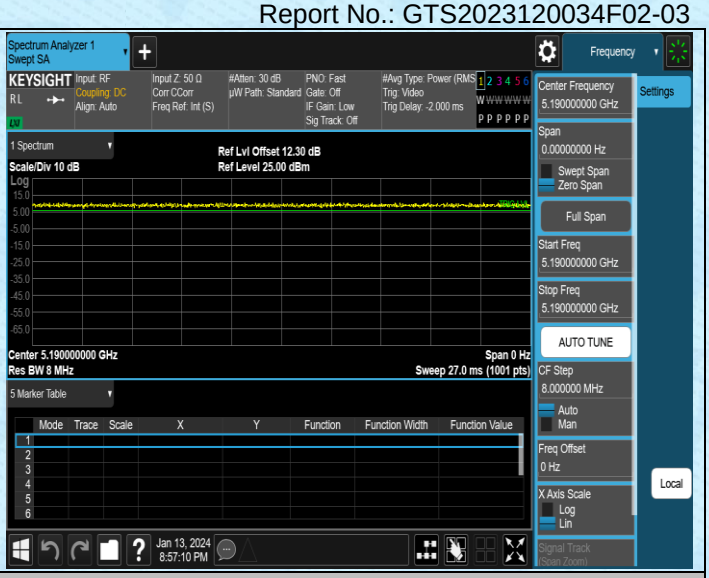
NTNV-11AC20MIMO-Ant1-5805



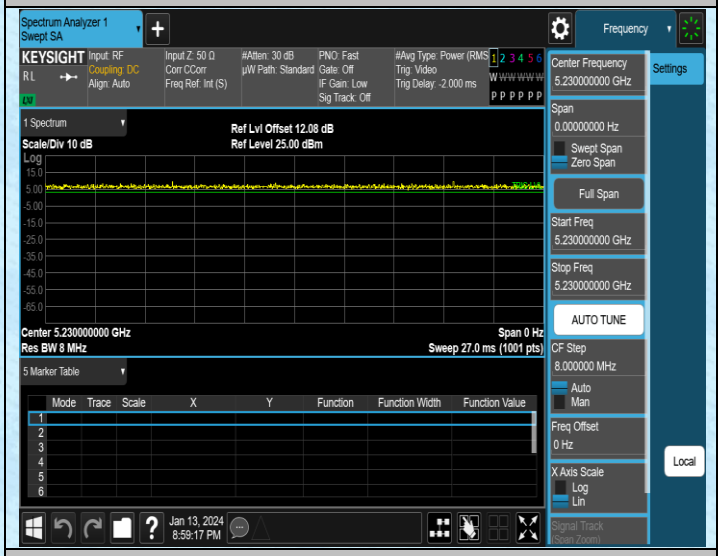
NTNV-11AC20MIMO-Ant2-5805



NTNV-11AC40MIMO-Ant1-5190

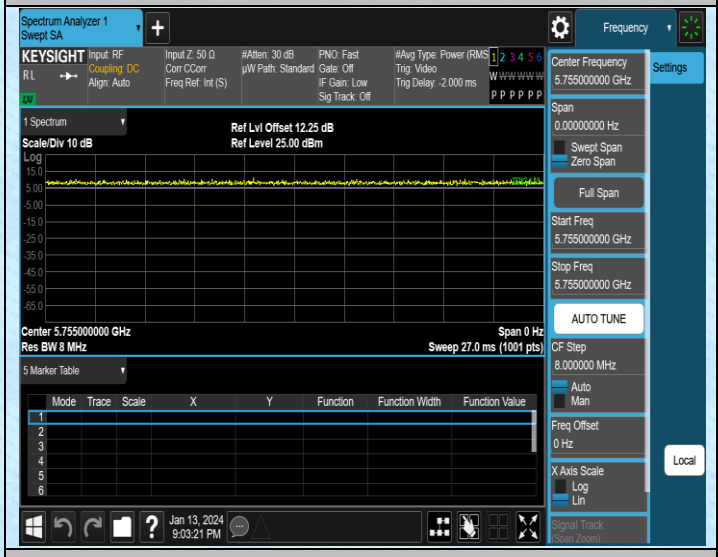


NTNV-11AC40MIMO-Ant2-5190

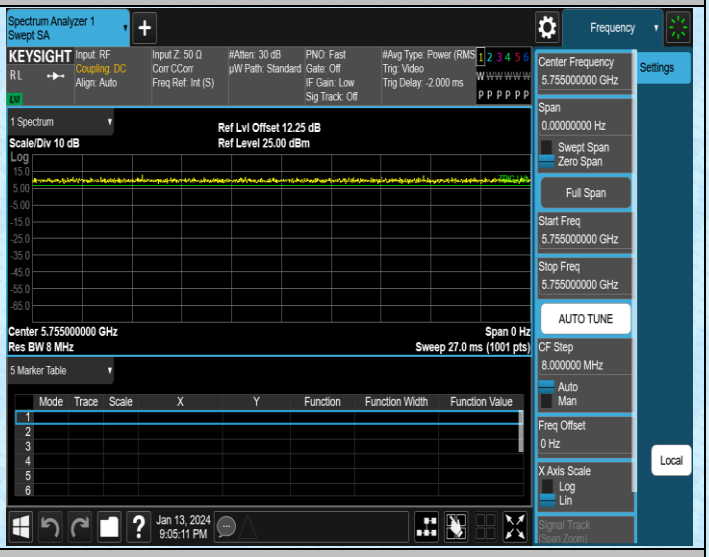


NTNV-11AC40MIMO-Ant1-5230

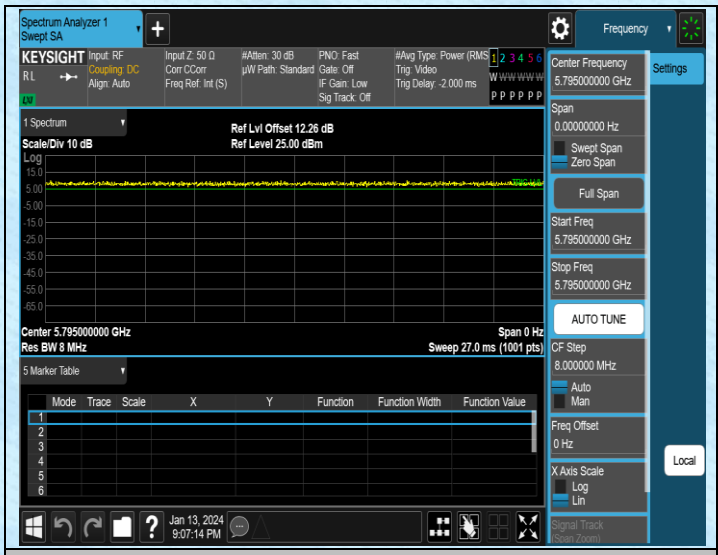
NTNV-11AC40MIMO-Ant2-5230



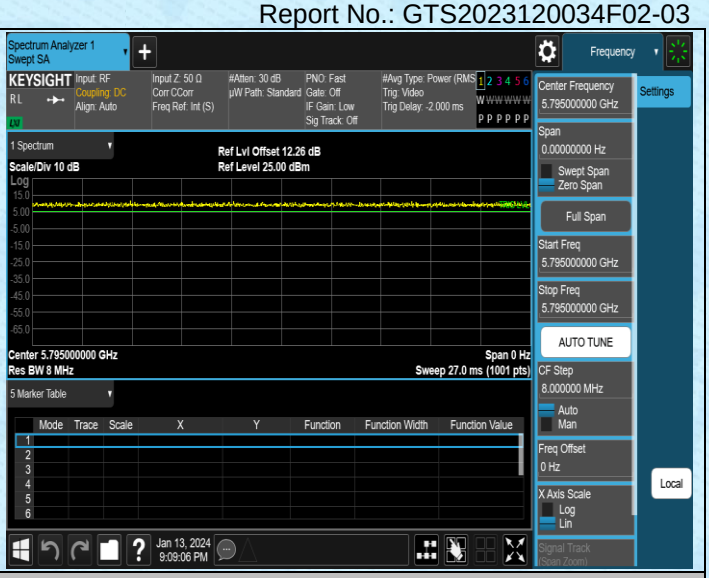
NTNV-11AC40MIMO-Ant1-5755



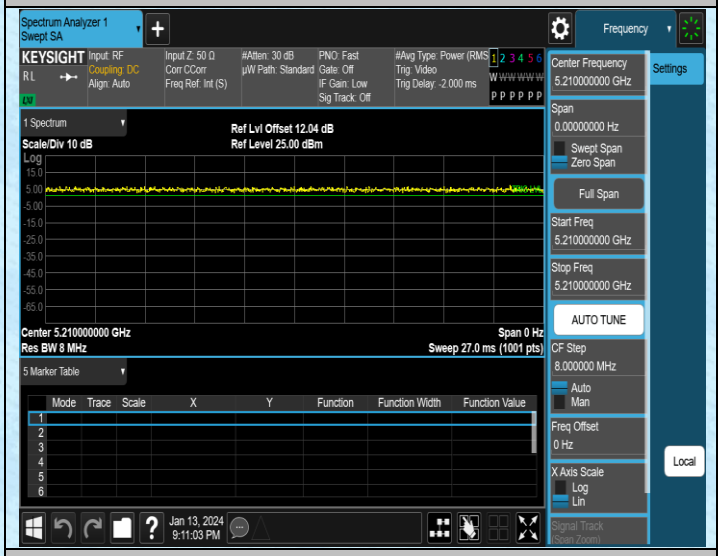
NTNV-11AC40MIMO-Ant2-5755



NTNV-11AC40MIMO-Ant1-5795

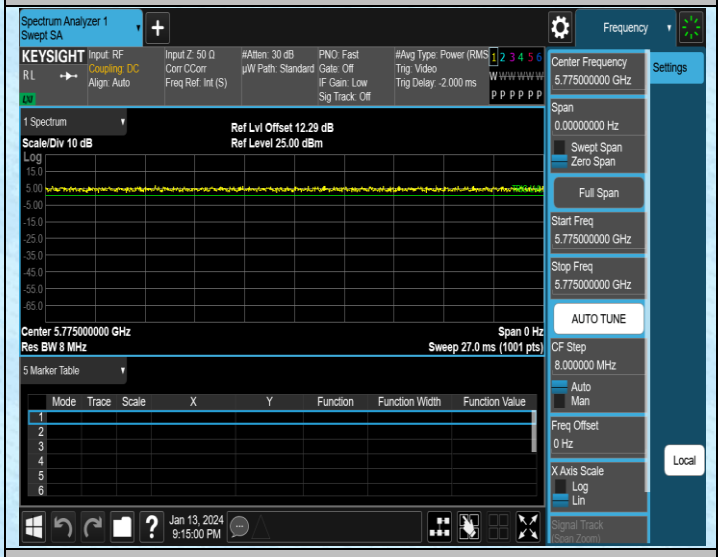


NTNV-11AC40MIMO-Ant2-5795



NTNV-11AC80MIMO-Ant1-5210

NTNV-11AC80MIMO-Ant2-5210



NTNV-11AC80MIMO-Ant1-5775

NTNV-11AC80MIMO-Ant2-5775

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11N20SISO	Ant1	5180	MCS0	14.95	100	0	14.95	≤30.00	PASS
11N20SISO	Ant2	5180	MCS0	15.26	100	0	15.26	≤30.00	PASS
11N20SISO	Ant1	5200	MCS0	14.94	100	0	14.94	≤30.00	PASS
11N20SISO	Ant2	5200	MCS0	15.55	100	0	15.55	≤30.00	PASS
11N20SISO	Ant1	5240	MCS0	14.69	100	0	14.69	≤30.00	PASS
11N20SISO	Ant2	5240	MCS0	15.21	100	0	15.21	≤30.00	PASS
11N20SISO	Ant1	5745	MCS0	14.83	100	0	14.83	≤30.00	PASS
11N20SISO	Ant2	5745	MCS0	14.96	100	0	14.96	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	14.82	100	0	14.82	≤30.00	PASS
11N20SISO	Ant2	5785	MCS0	14.75	100	0	14.75	≤30.00	PASS
11N20SISO	Ant1	5805	MCS0	14.87	100	0	14.87	≤30.00	PASS
11N20SISO	Ant2	5805	MCS0	15.37	100	0	15.37	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	14.91	100	0	14.91	≤30.00	PASS
11AC20SISO	Ant2	5180	MCS0	15.29	100	0	15.29	≤30.00	PASS
11AC20SISO	Ant1	5200	MCS0	14.89	100	0	14.89	≤30.00	PASS
11AC20SISO	Ant2	5200	MCS0	15.56	100	0	15.56	≤30.00	PASS
11AC20SISO	Ant1	5240	MCS0	15.05	100	0	15.05	≤30.00	PASS
11AC20SISO	Ant2	5240	MCS0	15.29	100	0	15.29	≤30.00	PASS
11AC20SISO	Ant1	5745	MCS0	14.86	100	0	14.86	≤30.00	PASS
11AC20SISO	Ant2	5745	MCS0	15.03	100	0	15.03	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	14.85	100	0	14.85	≤30.00	PASS
11AC20SISO	Ant2	5785	MCS0	14.82	100	0	14.82	≤30.00	PASS
11AC20SISO	Ant1	5805	MCS0	14.78	100	0	14.78	≤30.00	PASS
11AC20SISO	Ant2	5805	MCS0	15.26	100	0	15.26	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	15.67	100	0	15.67	≤30.00	PASS
11AC40SISO	Ant2	5190	MCS0	14.67	100	0	14.67	≤30.00	PASS
11AC40SISO	Ant1	5230	MCS0	15.22	100	0	15.22	≤30.00	PASS
11AC40SISO	Ant2	5230	MCS0	14.65	100	0	14.65	≤30.00	PASS
11AC40SISO	Ant1	5755	MCS0	15.19	100	0	15.19	≤30.00	PASS
11AC40SISO	Ant2	5755	MCS0	15.76	100	0	15.76	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	15.08	100	0	15.08	≤30.00	PASS
11AC40SISO	Ant2	5795	MCS0	15.15	100	0	15.15	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	15.11	100	0	15.11	≤30.00	PASS
11AC80SISO	Ant2	5210	MCS0	15.13	100	0	15.13	≤30.00	PASS
11AC80SISO	Ant1	5775	MCS0	15.06	100	0	15.06	≤30.00	PASS
11AC80SISO	Ant2	5775	MCS0	14.37	100	0	14.37	≤30.00	PASS
11N20MIMO	Ant1	5180	MCS0	7.59	100	0	7.59	≤30.00	PASS
11N20MIMO	Ant2	5180	MCS0	9.70	100	0	9.70	≤30.00	PASS
11N20MIMO	total	5180	---	---	---	---	11.78	≤30.00	PASS

11N20MIMO	Ant1	5200	MCS0	7.37	100	0	7.37	≤30.00	PASS
11N20MIMO	Ant2	5200	MCS0	9.71	100	0	9.71	≤30.00	PASS
11N20MIMO	total	5200	---	---	---	---	11.71	≤30.00	PASS
11N20MIMO	Ant1	5240	MCS0	7.43	100	0	7.43	≤30.00	PASS
11N20MIMO	Ant2	5240	MCS0	9.54	100	0	9.54	≤30.00	PASS
11N20MIMO	total	5240	---	---	---	---	11.62	≤30.00	PASS
11N20MIMO	Ant1	5745	MCS0	7.80	100	0	7.80	≤30.00	PASS
11N20MIMO	Ant2	5745	MCS0	9.45	100	0	9.45	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	---	11.71	≤30.00	PASS
11N20MIMO	Ant1	5785	MCS0	7.88	100	0	7.88	≤30.00	PASS
11N20MIMO	Ant2	5785	MCS0	9.60	100	0	9.60	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	---	11.83	≤30.00	PASS
11N20MIMO	Ant1	5805	MCS0	11.56	100	0	11.56	≤30.00	PASS
11N20MIMO	Ant2	5805	MCS0	12.44	100	0	12.44	≤30.00	PASS
11N20MIMO	total	5805	---	---	---	---	15.03	≤30.00	PASS
11AC20MIMO	Ant1	5180	MCS0	7.54	100	0	7.54	≤30.00	PASS
11AC20MIMO	Ant2	5180	MCS0	9.73	100	0	9.73	≤30.00	PASS
11AC20MIMO	total	5180	---	---	---	---	11.78	≤30.00	PASS
11AC20MIMO	Ant1	5200	MCS0	7.43	100	0	7.43	≤30.00	PASS
11AC20MIMO	Ant2	5200	MCS0	9.76	100	0	9.76	≤30.00	PASS
11AC20MIMO	total	5200	---	---	---	---	11.76	≤30.00	PASS
11AC20MIMO	Ant1	5240	MCS0	7.43	100	0	7.43	≤30.00	PASS
11AC20MIMO	Ant2	5240	MCS0	9.60	100	0	9.60	≤30.00	PASS
11AC20MIMO	total	5240	---	---	---	---	11.66	≤30.00	PASS
11AC20MIMO	Ant1	5745	MCS0	7.83	100	0	7.83	≤30.00	PASS
11AC20MIMO	Ant2	5745	MCS0	9.50	100	0	9.50	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	---	11.76	≤30.00	PASS
11AC20MIMO	Ant1	5785	MCS0	7.97	100	0	7.97	≤30.00	PASS
11AC20MIMO	Ant2	5785	MCS0	9.50	100	0	9.50	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	---	11.81	≤30.00	PASS
11AC20MIMO	Ant1	5805	MCS0	11.51	100	0	11.51	≤30.00	PASS
11AC20MIMO	Ant2	5805	MCS0	12.41	100	0	12.41	≤30.00	PASS
11AC20MIMO	total	5805	---	---	---	---	14.99	≤30.00	PASS
11AC40MIMO	Ant1	5190	MCS0	7.73	100	0	7.73	≤30.00	PASS
11AC40MIMO	Ant2	5190	MCS0	9.77	100	0	9.77	≤30.00	PASS
11AC40MIMO	total	5190	---	---	---	---	11.88	≤30.00	PASS
11AC40MIMO	Ant1	5230	MCS0	7.41	100	0	7.41	≤30.00	PASS
11AC40MIMO	Ant2	5230	MCS0	9.62	100	0	9.62	≤30.00	PASS
11AC40MIMO	total	5230	---	---	---	---	11.66	≤30.00	PASS
11AC40MIMO	Ant1	5755	MCS0	9.18	100	0	9.18	≤30.00	PASS
11AC40MIMO	Ant2	5755	MCS0	10.51	100	0	10.51	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	---	12.91	≤30.00	PASS
11AC40MIMO	Ant1	5795	MCS0	8.76	100	0	8.76	≤30.00	PASS
11AC40MIMO	Ant2	5795	MCS0	9.94	100	0	9.94	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	---	12.40	≤30.00	PASS

11AC80MIMO	Ant1	5210	MCS0	8.64	100	0	8.64	≤30.00	PASS
11AC80MIMO	Ant2	5210	MCS0	11.01	100	0	11.01	≤30.00	PASS
11AC80MIMO	total	5210	---	---	---	---	13.00	≤30.00	PASS
11AC80MIMO	Ant1	5775	MCS0	8.28	100	0	8.28	≤30.00	PASS
11AC80MIMO	Ant2	5775	MCS0	10.05	100	0	10.05	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	---	12.26	≤30.00	PASS

Note：The Duty Cycle Factoriscompensatedinthegraph.

AppendixD: Maximum power spectral density

Test Result

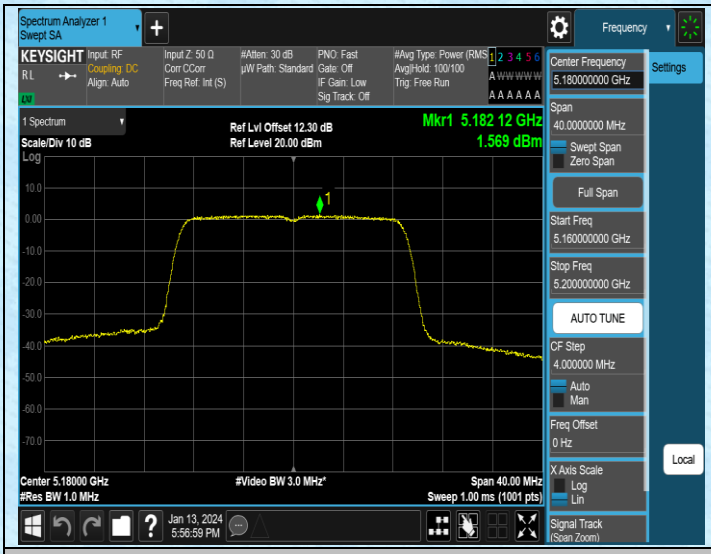
Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20SISO	Ant1	5180	MCS0	1.57	≤17.00	PASS
11N20SISO	Ant2	5180	MCS0	2.09	≤17.00	PASS
11N20SISO	Ant1	5200	MCS0	1.53	≤17.00	PASS
11N20SISO	Ant2	5200	MCS0	1.85	≤17.00	PASS
11N20SISO	Ant1	5240	MCS0	1.7	≤17.00	PASS
11N20SISO	Ant2	5240	MCS0	2.15	≤17.00	PASS
11N20SISO	Ant1	5745	MCS0	-1.39	≤30.00	PASS
11N20SISO	Ant2	5745	MCS0	-1.34	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	-1.43	≤30.00	PASS
11N20SISO	Ant2	5785	MCS0	-1.45	≤30.00	PASS
11N20SISO	Ant1	5805	MCS0	-1.91	≤30.00	PASS
11N20SISO	Ant2	5805	MCS0	-1.12	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	1.62	≤17.00	PASS
11AC20SISO	Ant2	5180	MCS0	1.79	≤17.00	PASS
11AC20SISO	Ant1	5200	MCS0	1.29	≤17.00	PASS
11AC20SISO	Ant2	5200	MCS0	1.97	≤17.00	PASS
11AC20SISO	Ant1	5240	MCS0	1.99	≤17.00	PASS
11AC20SISO	Ant2	5240	MCS0	2.17	≤17.00	PASS
11AC20SISO	Ant1	5745	MCS0	-1.32	≤30.00	PASS
11AC20SISO	Ant2	5745	MCS0	-1.04	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	-1.44	≤30.00	PASS
11AC20SISO	Ant2	5785	MCS0	-1.34	≤30.00	PASS
11AC20SISO	Ant1	5805	MCS0	-1.75	≤30.00	PASS
11AC20SISO	Ant2	5805	MCS0	-1.22	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	-0.4	≤17.00	PASS
11AC40SISO	Ant2	5190	MCS0	-1.65	≤17.00	PASS
11AC40SISO	Ant1	5230	MCS0	-1.24	≤17.00	PASS
11AC40SISO	Ant2	5230	MCS0	-1.89	≤17.00	PASS
11AC40SISO	Ant1	5755	MCS0	-3.96	≤30.00	PASS
11AC40SISO	Ant2	5755	MCS0	-3.4	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	-4.32	≤30.00	PASS

11AC40SISO	Ant2	5795	MCS0	-4.19	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	-4.36	≤17.00	PASS
11AC80SISO	Ant2	5210	MCS0	-4.58	≤17.00	PASS
11AC80SISO	Ant1	5775	MCS0	-7.32	≤30.00	PASS
11AC80SISO	Ant2	5775	MCS0	-7.72	≤30.00	PASS
11N20MIMO	Ant1	5180	MCS0	-5.81	≤17.00	PASS
11N20MIMO	Ant2	5180	MCS0	-3.64	≤17.00	PASS
11N20MIMO	total	5180	MCS0	-1.58	≤17.00	PASS
11N20MIMO	Ant1	5200	MCS0	-6.16	≤17.00	PASS
11N20MIMO	Ant2	5200	MCS0	-4.01	≤17.00	PASS
11N20MIMO	total	5200	MCS0	-1.94	≤17.00	PASS
11N20MIMO	Ant1	5240	MCS0	-5.7	≤17.00	PASS
11N20MIMO	Ant2	5240	MCS0	-3.71	≤17.00	PASS
11N20MIMO	total	5240	MCS0	-1.58	≤17.00	PASS
11N20MIMO	Ant1	5745	MCS0	-8.58	≤30.00	PASS
11N20MIMO	Ant2	5745	MCS0	-6.72	≤30.00	PASS
11N20MIMO	total	5745	MCS0	-4.54	≤30.00	PASS
11N20MIMO	Ant1	5785	MCS0	-7.68	≤30.00	PASS
11N20MIMO	Ant2	5785	MCS0	-6.55	≤30.00	PASS
11N20MIMO	total	5785	MCS0	-4.07	≤30.00	PASS
11N20MIMO	Ant1	5805	MCS0	-5.1	≤30.00	PASS
11N20MIMO	Ant2	5805	MCS0	-4.14	≤30.00	PASS
11N20MIMO	total	5805	MCS0	-1.58	≤30.00	PASS
11AC20MIMO	Ant1	5180	MCS0	-5.86	≤17.00	PASS
11AC20MIMO	Ant2	5180	MCS0	-3.71	≤17.00	PASS
11AC20MIMO	total	5180	MCS0	-1.64	≤17.00	PASS
11AC20MIMO	Ant1	5200	MCS0	-6.05	≤17.00	PASS
11AC20MIMO	Ant2	5200	MCS0	-3.93	≤17.00	PASS
11AC20MIMO	total	5200	MCS0	-1.85	≤17.00	PASS
11AC20MIMO	Ant1	5240	MCS0	-5.4	≤17.00	PASS
11AC20MIMO	Ant2	5240	MCS0	-3.42	≤17.00	PASS
11AC20MIMO	total	5240	MCS0	-1.29	≤17.00	PASS
11AC20MIMO	Ant1	5745	MCS0	-8.43	≤30.00	PASS
11AC20MIMO	Ant2	5745	MCS0	-6.75	≤30.00	PASS
11AC20MIMO	total	5745	MCS0	-4.50	≤30.00	PASS
11AC20MIMO	Ant1	5785	MCS0	-8.16	≤30.00	PASS
11AC20MIMO	Ant2	5785	MCS0	-6.6	≤30.00	PASS
11AC20MIMO	total	5785	MCS0	-4.30	≤30.00	PASS
11AC20MIMO	Ant1	5805	MCS0	-5.15	≤30.00	PASS
11AC20MIMO	Ant2	5805	MCS0	-3.9	≤30.00	PASS
11AC20MIMO	total	5805	MCS0	-1.47	≤30.00	PASS
11AC40MIMO	Ant1	5190	MCS0	-8.31	≤17.00	PASS
11AC40MIMO	Ant2	5190	MCS0	-6.44	≤17.00	PASS
11AC40MIMO	total	5190	MCS0	-4.26	≤17.00	PASS
11AC40MIMO	Ant1	5230	MCS0	-8.96	≤17.00	PASS

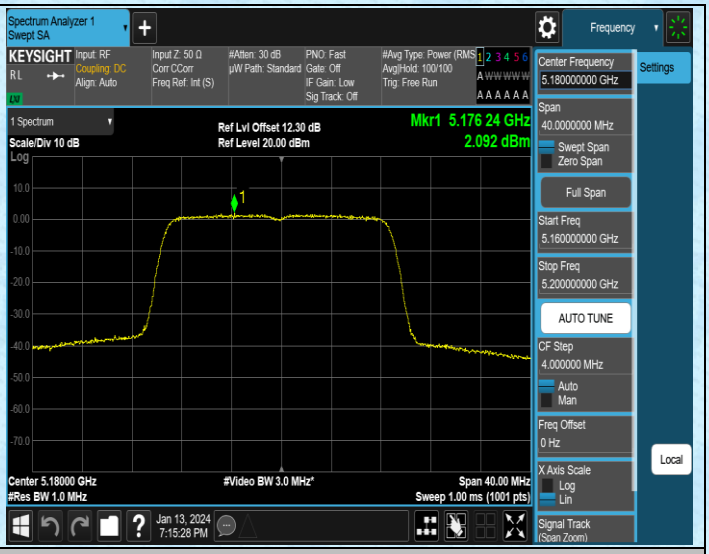
11AC40MIMO	Ant2	5230	MCS0	-6.82	≤17.00	PASS
11AC40MIMO	total	5230	MCS0	-4.75	≤17.00	PASS
11AC40MIMO	Ant1	5755	MCS0	-9.99	≤30.00	PASS
11AC40MIMO	Ant2	5755	MCS0	-8.65	≤30.00	PASS
11AC40MIMO	total	5755	MCS0	-6.26	≤30.00	PASS
11AC40MIMO	Ant1	5795	MCS0	-10.44	≤30.00	PASS
11AC40MIMO	Ant2	5795	MCS0	-9.02	≤30.00	PASS
11AC40MIMO	total	5795	MCS0	-6.66	≤30.00	PASS
11AC80MIMO	Ant1	5210	MCS0	-10.89	≤17.00	PASS
11AC80MIMO	Ant2	5210	MCS0	-8.62	≤17.00	PASS
11AC80MIMO	total	5210	MCS0	-6.60	≤17.00	PASS
11AC80MIMO	Ant1	5775	MCS0	-14.01	≤30.00	PASS
11AC80MIMO	Ant2	5775	MCS0	-12.46	≤30.00	PASS
11AC80MIMO	total	5775	MCS0	-10.16	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.RBW Factoriscompensatedinthegraph.

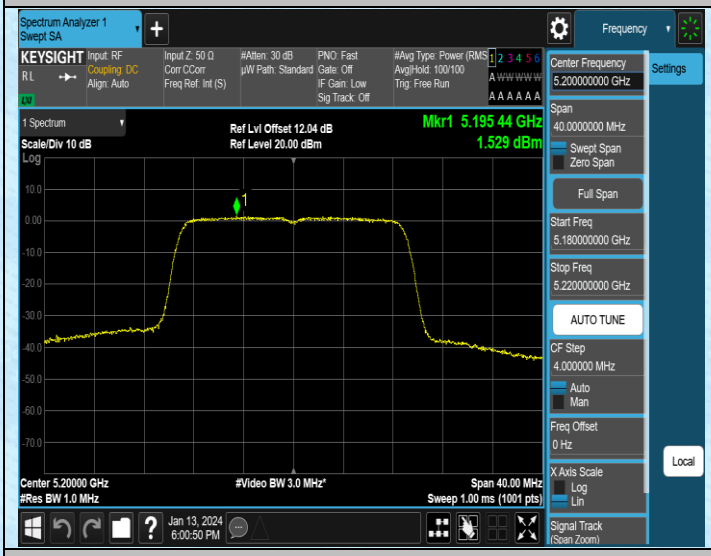
Test Graphs



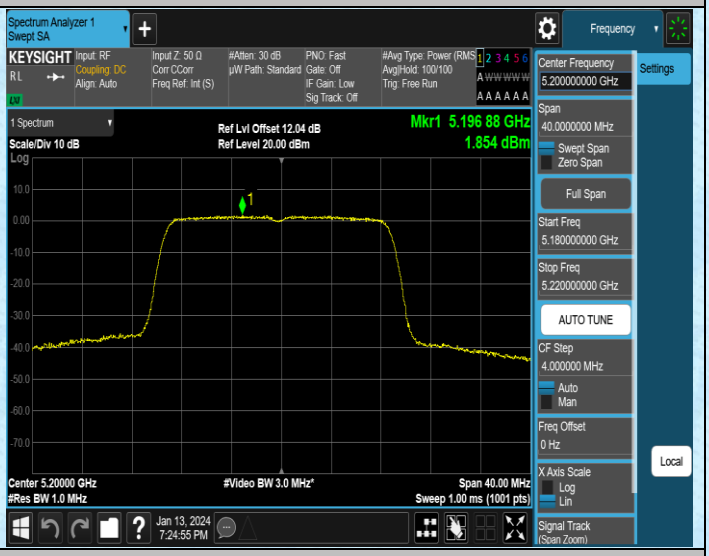
11N20SISO-Ant1-5180-PASS



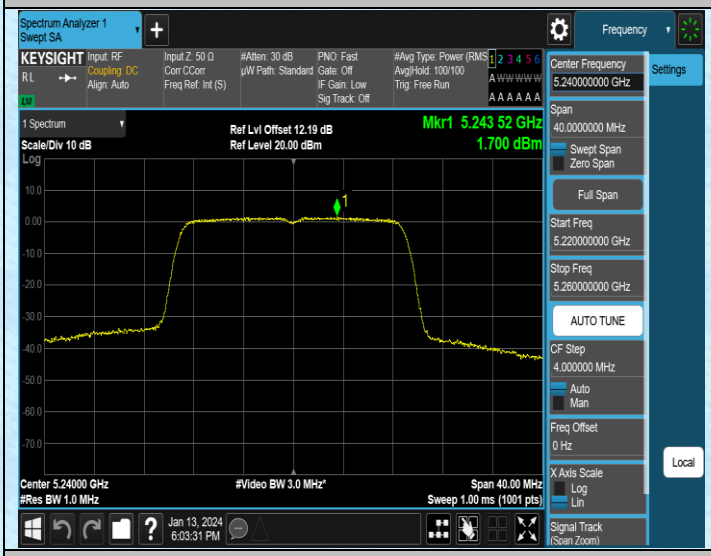
11N20SISO-Ant2-5180-PASS



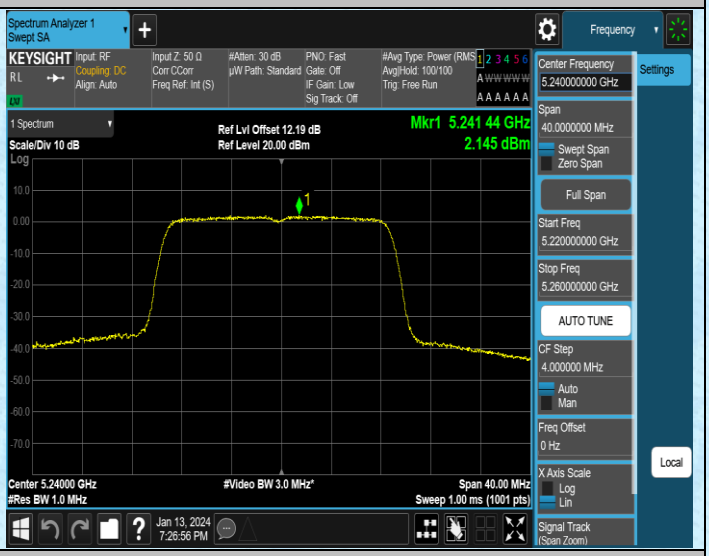
11N20SISO-Ant1-5200-PASS



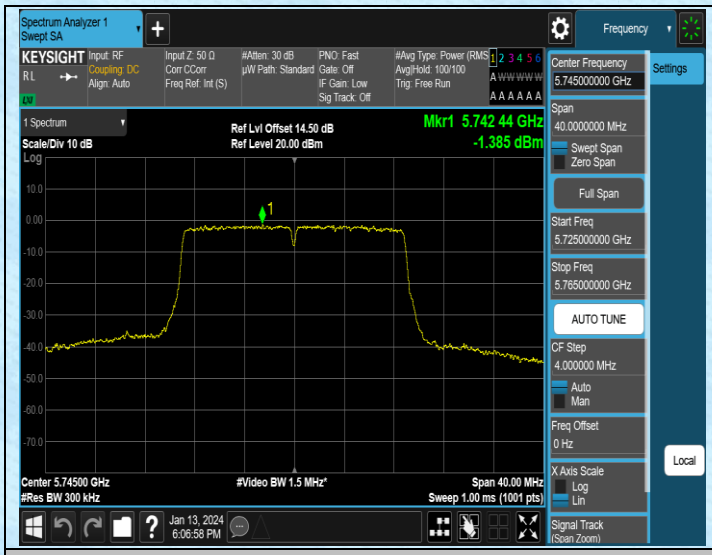
11N20SISO-Ant2-5200-PASS



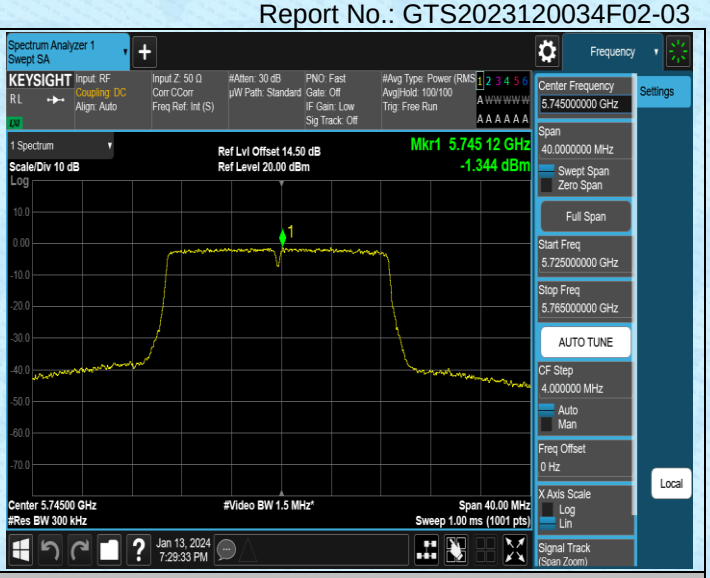
11N20SISO-Ant1-5240-PASS



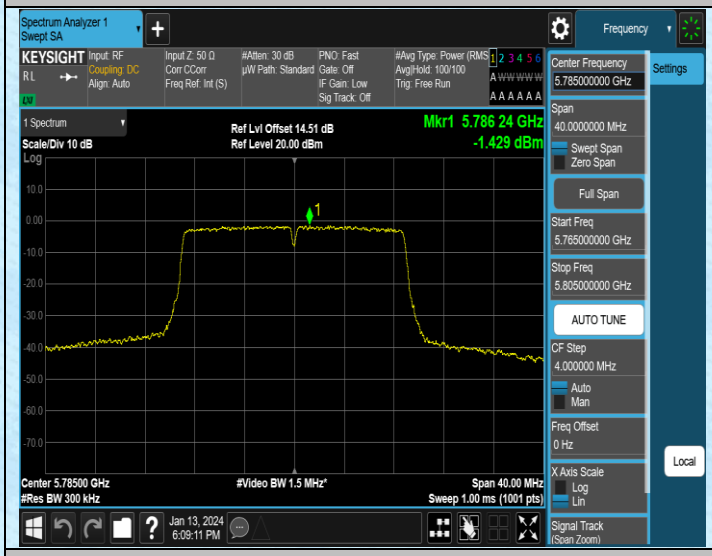
11N20SISO-Ant2-5240-PASS



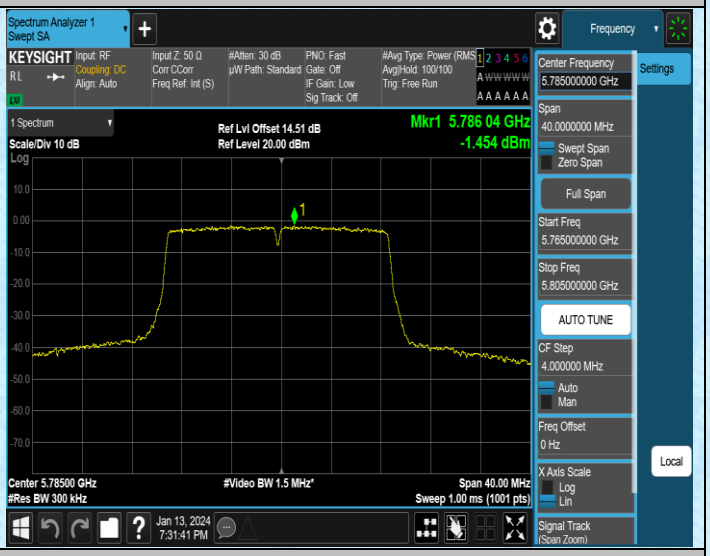
11N20SISO-Ant1-5745-PASS



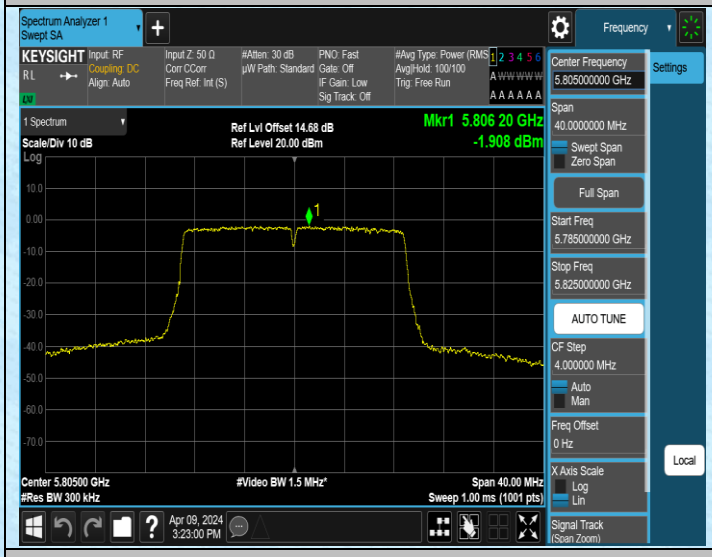
11N20SISO-Ant2-5745-PASS



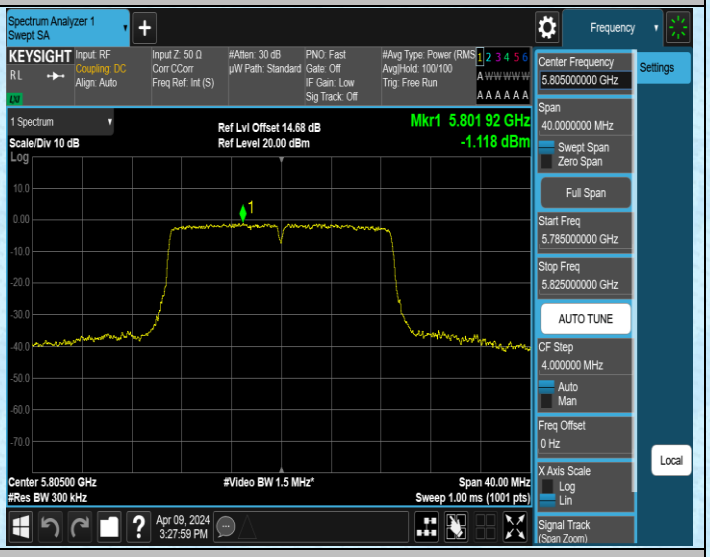
11N20SISO-Ant1-5785-PASS



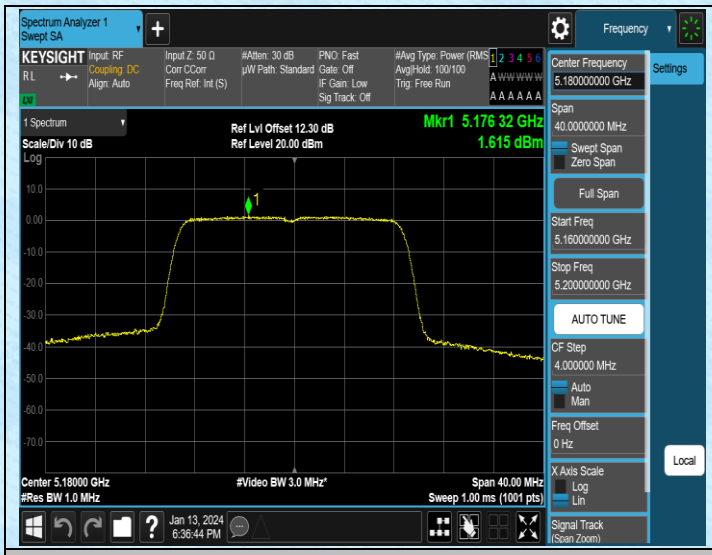
11N20SISO-Ant2-5785-PASS



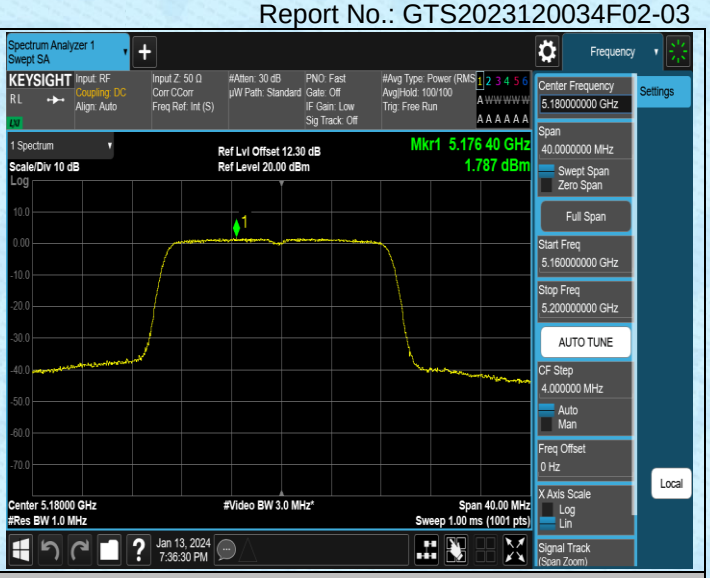
11N20SISO-Ant1-5805-PASS



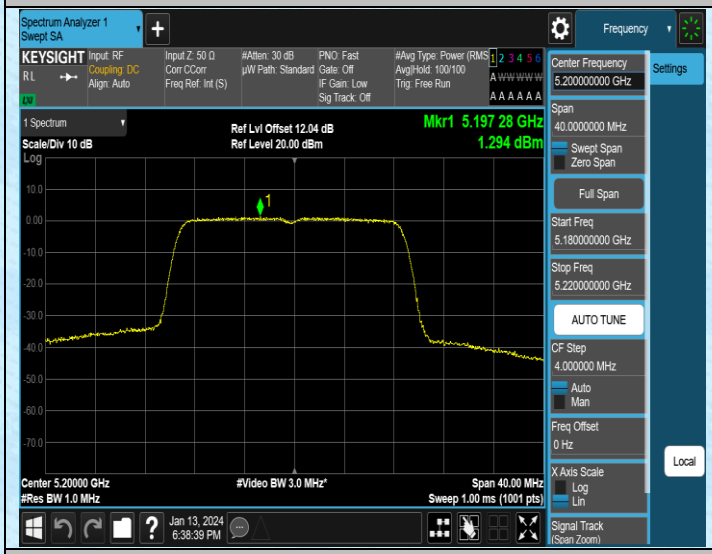
11N20SISO-Ant2-5805-PASS



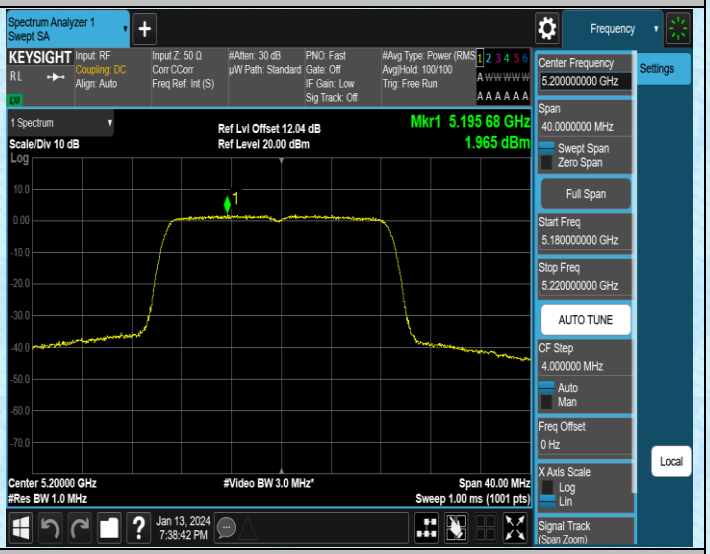
11AC20SISO-Ant1-5180-PASS



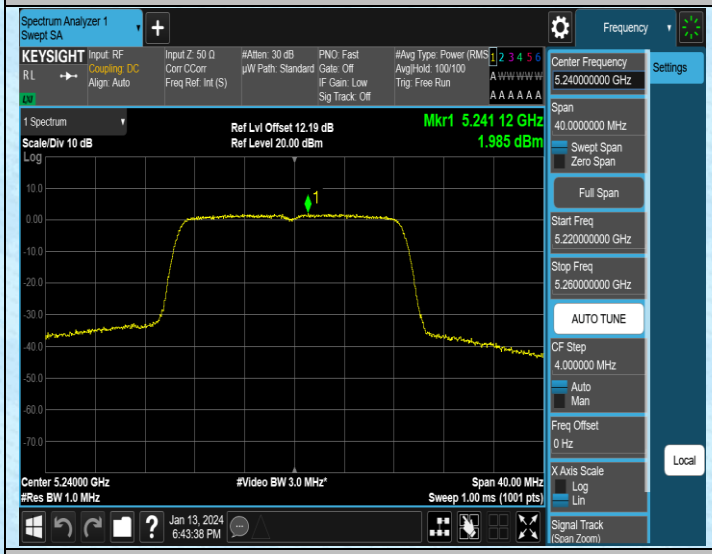
11AC20SISO-Ant2-5180-PASS



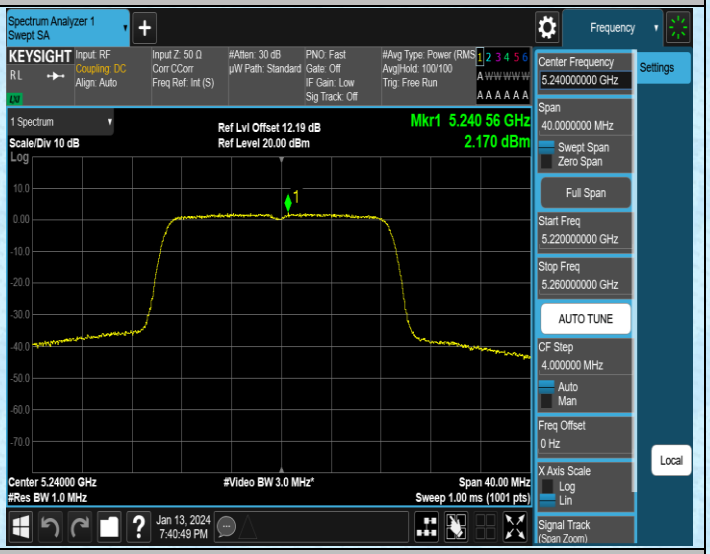
11AC20SISO-Ant1-5200-PASS



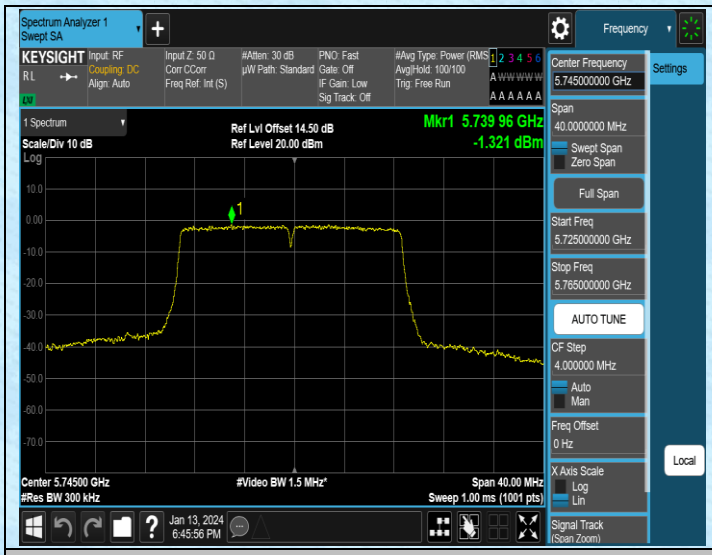
11AC20SISO-Ant2-5200-PASS



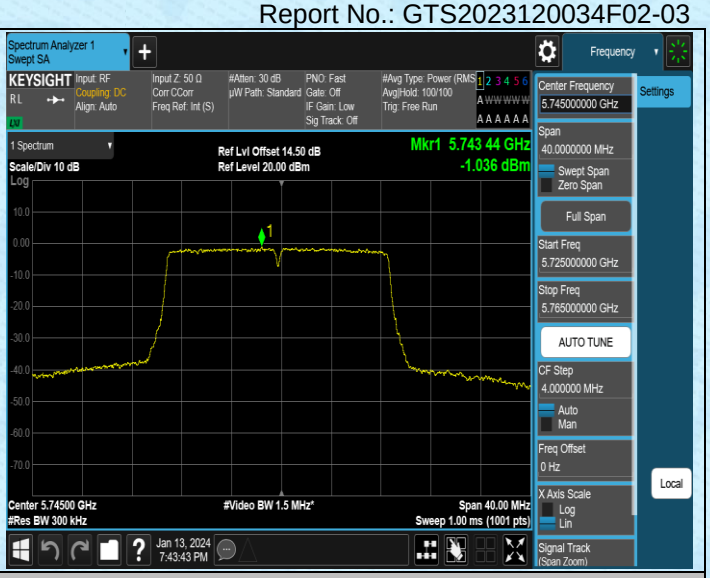
11AC20SISO-Ant1-5240-PASS



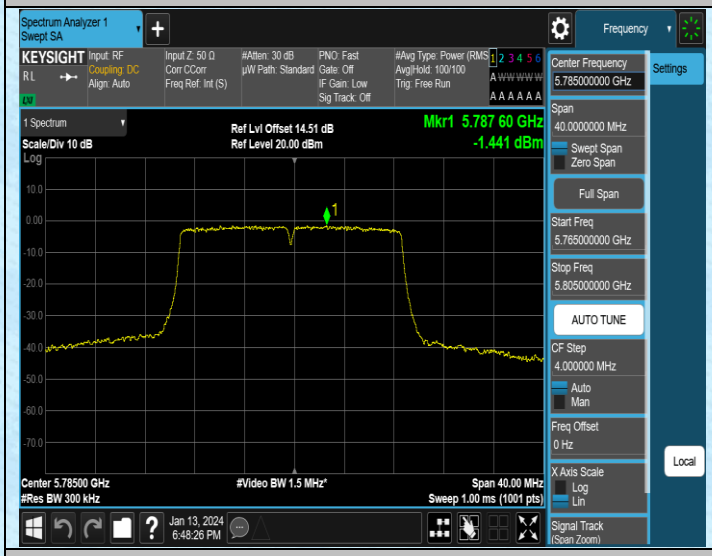
11AC20SISO-Ant2-5240-PASS



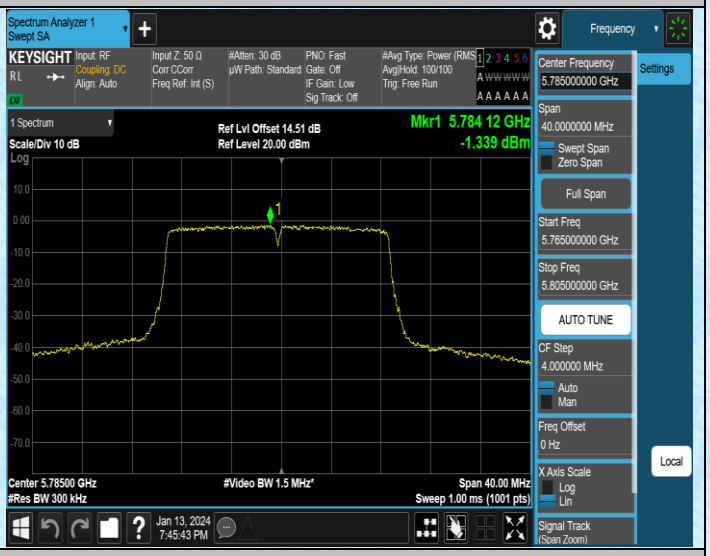
11AC20SISO-Ant1-5745-PASS



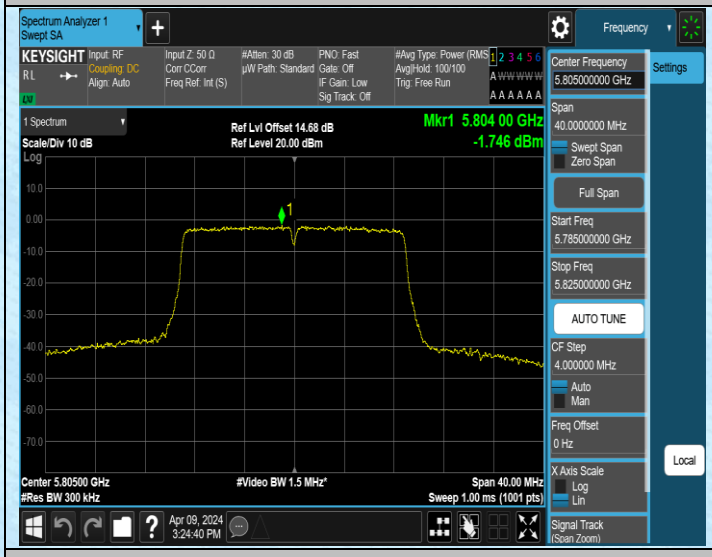
11AC20SISO-Ant2-5745-PASS



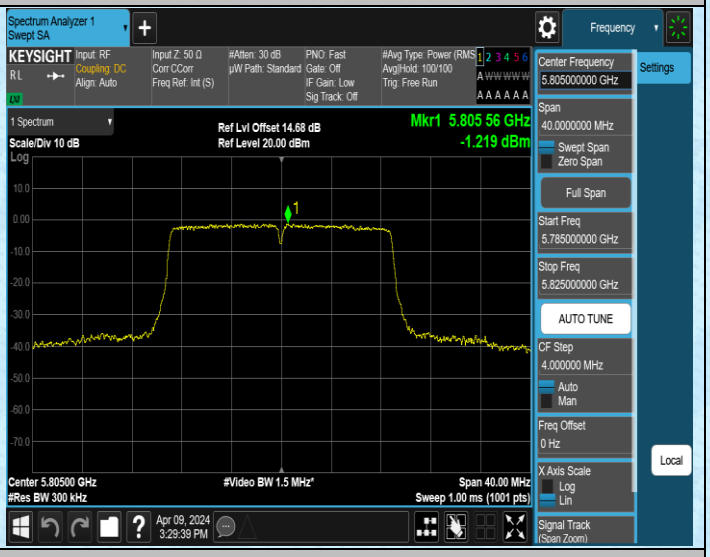
11AC20SISO-Ant1-5785-PASS



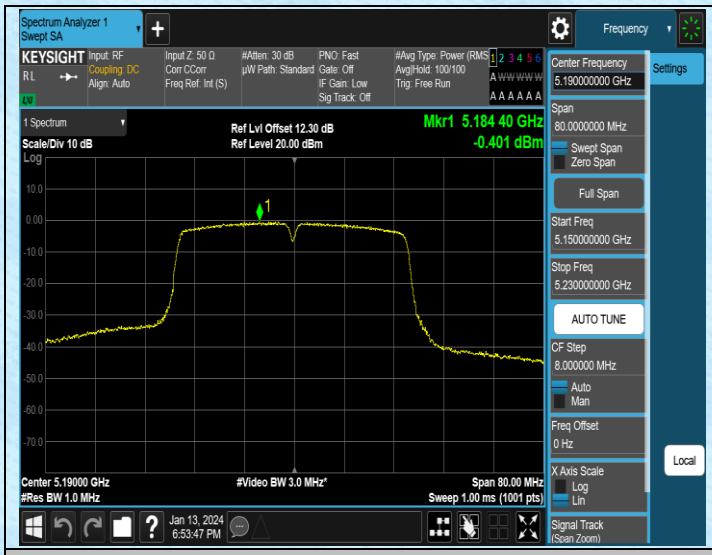
11AC20SISO-Ant2-5785-PASS



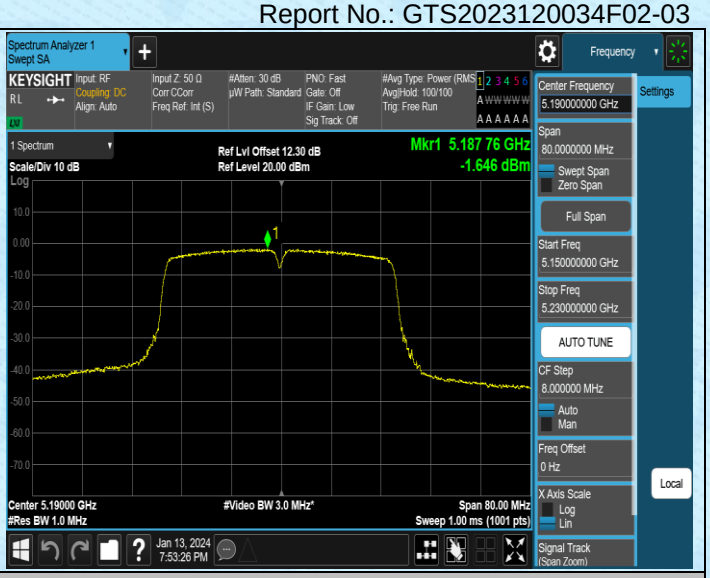
11AC20SISO-Ant1-5805-PASS



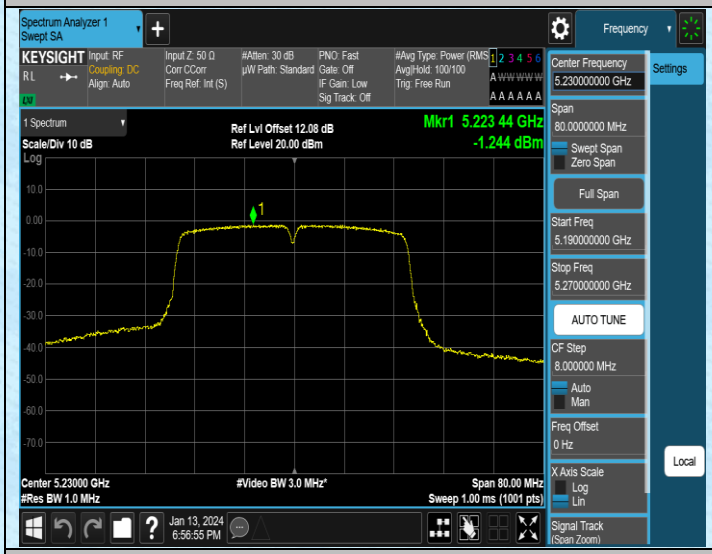
11AC20SISO-Ant2-5805-PASS



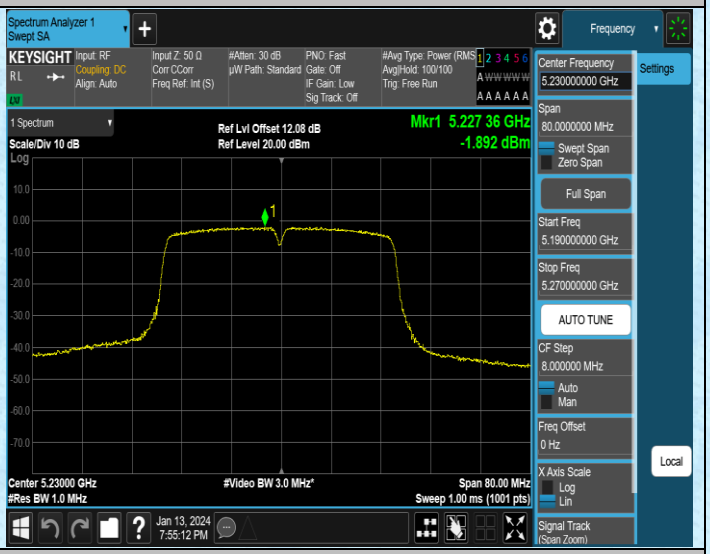
11AC40SISO-Ant1-5190-PASS



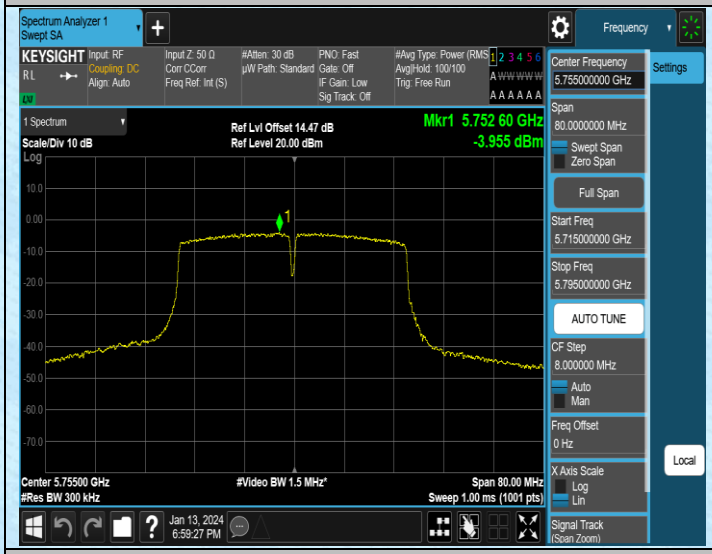
11AC40SISO-Ant2-5190-PASS



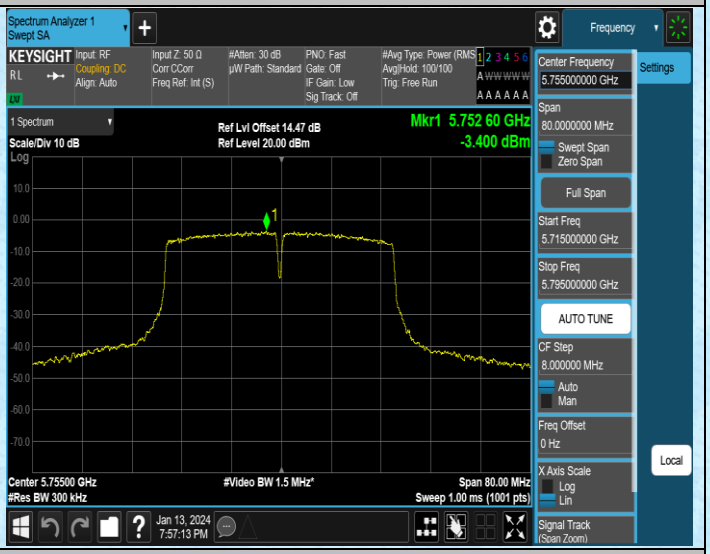
11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant2-5230-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant2-5755-PASS