

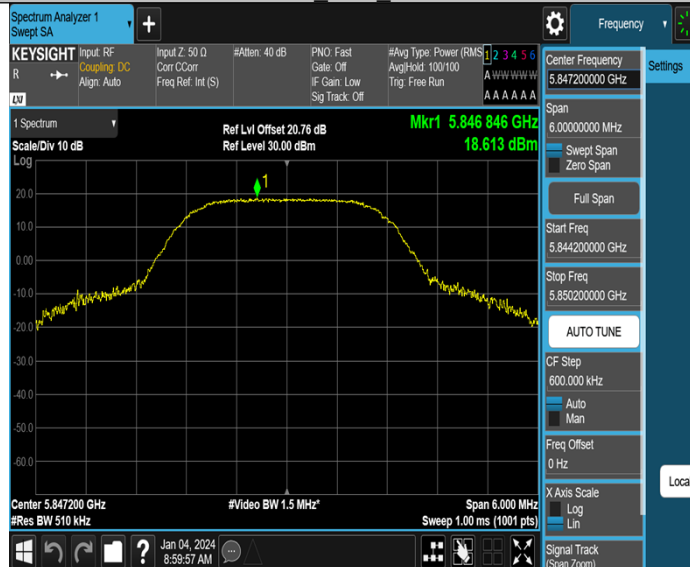
3MCA Ant3 5790.2



3MCA Ant2 5847.2



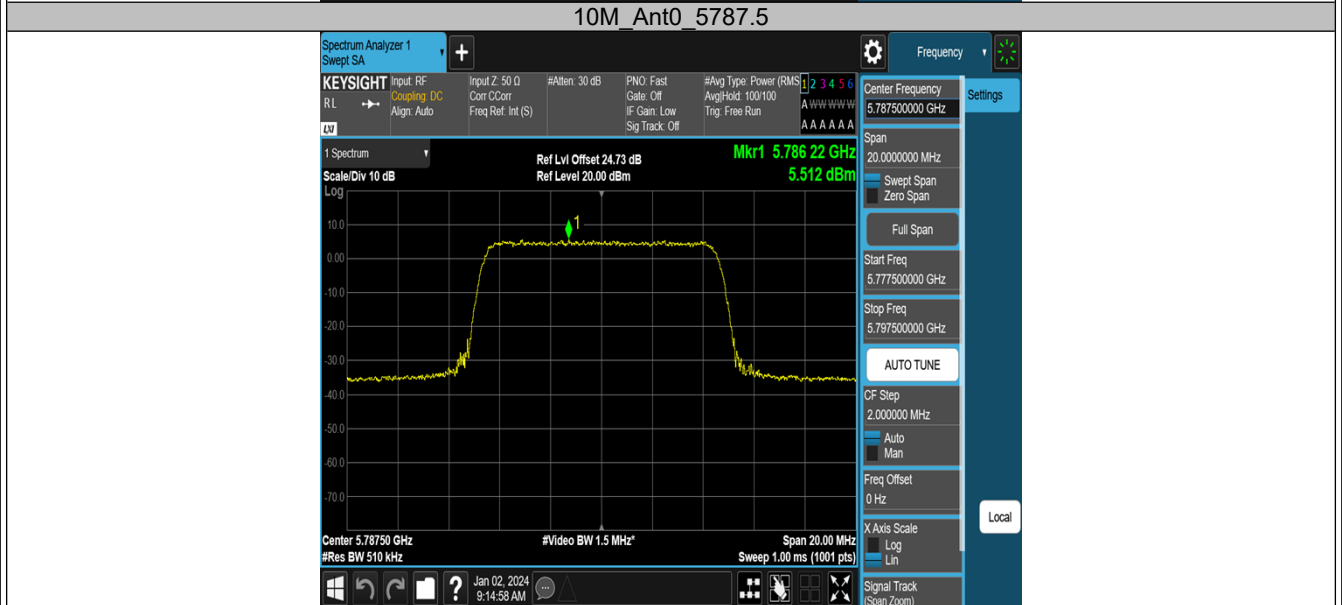
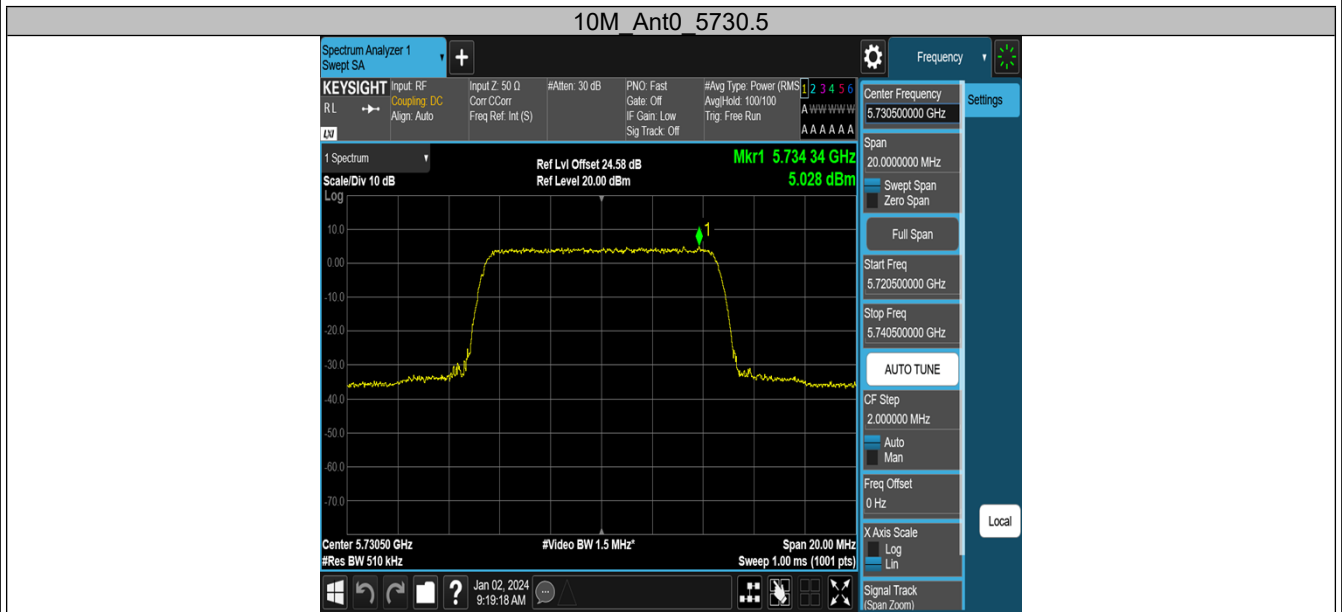
3MCA Ant3 5847.2

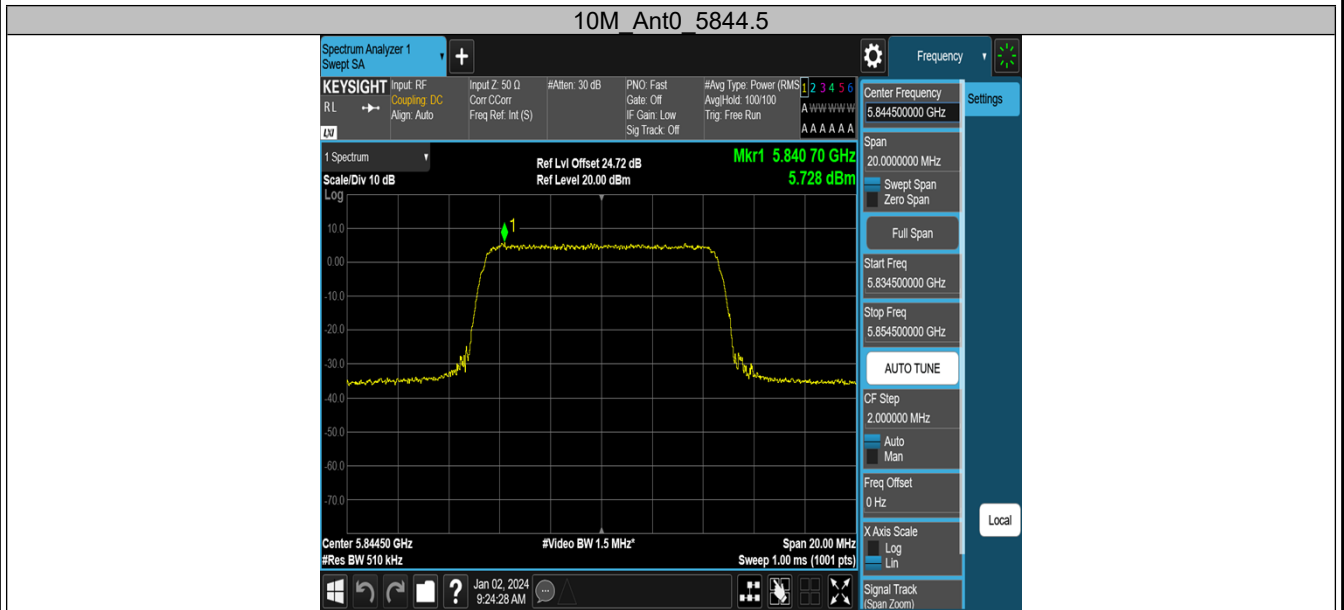


5.8G SDR, 10MHz BW

SISO mode (Worst case_ANT0)

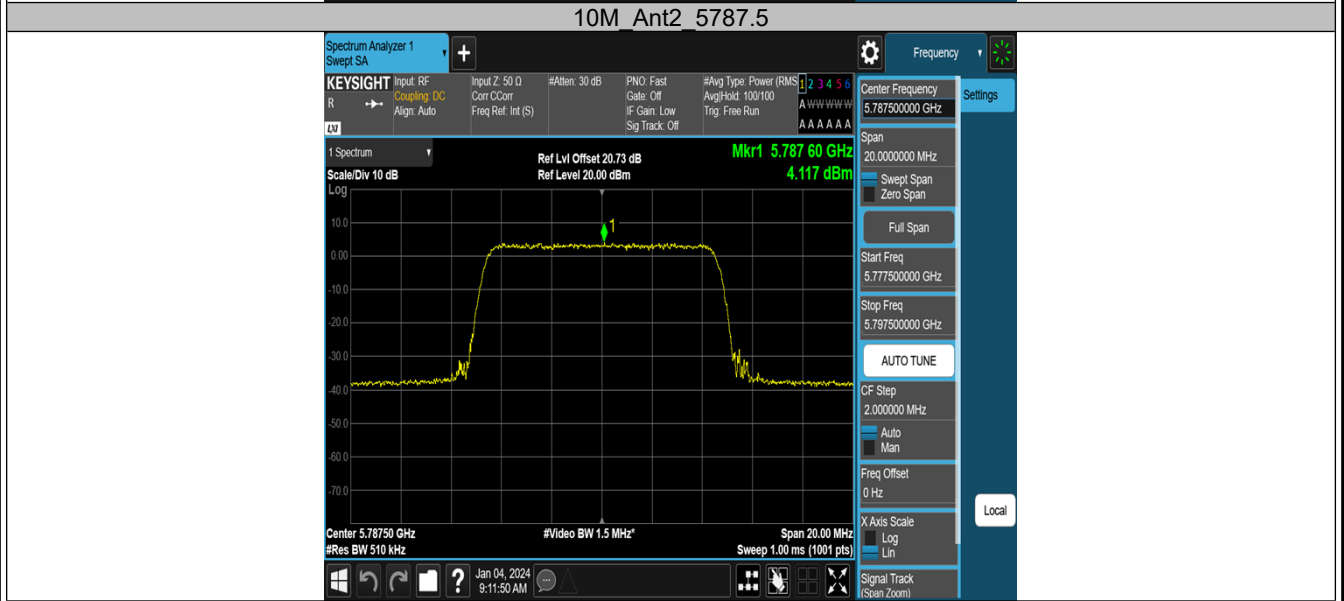
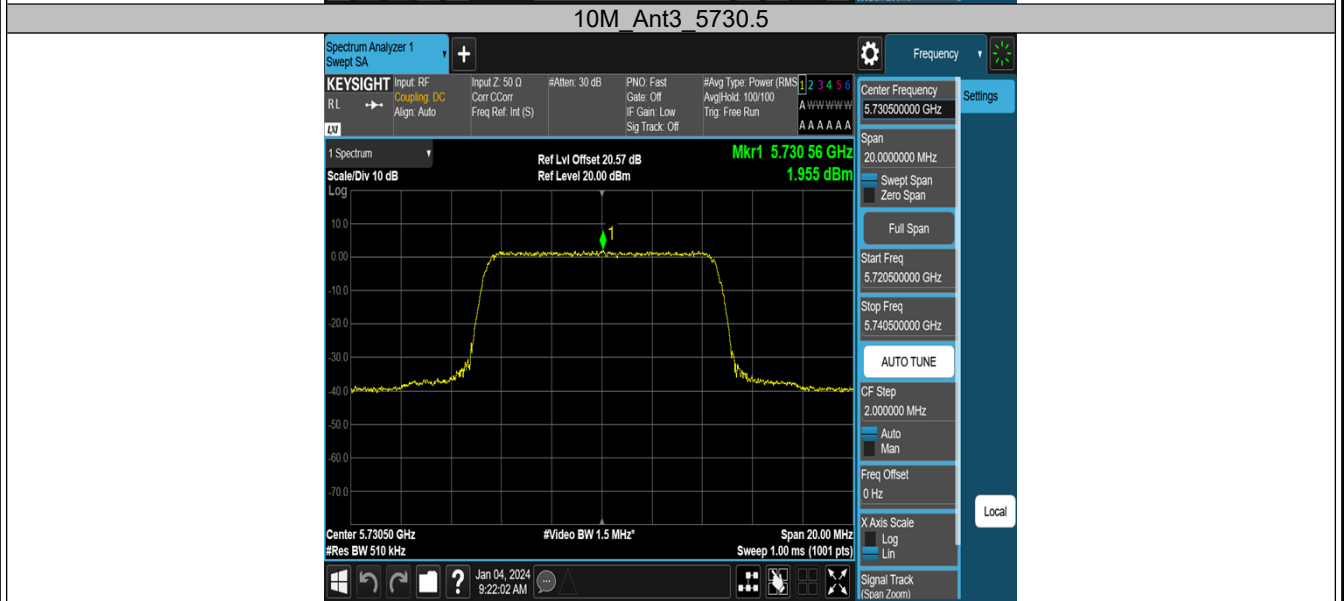
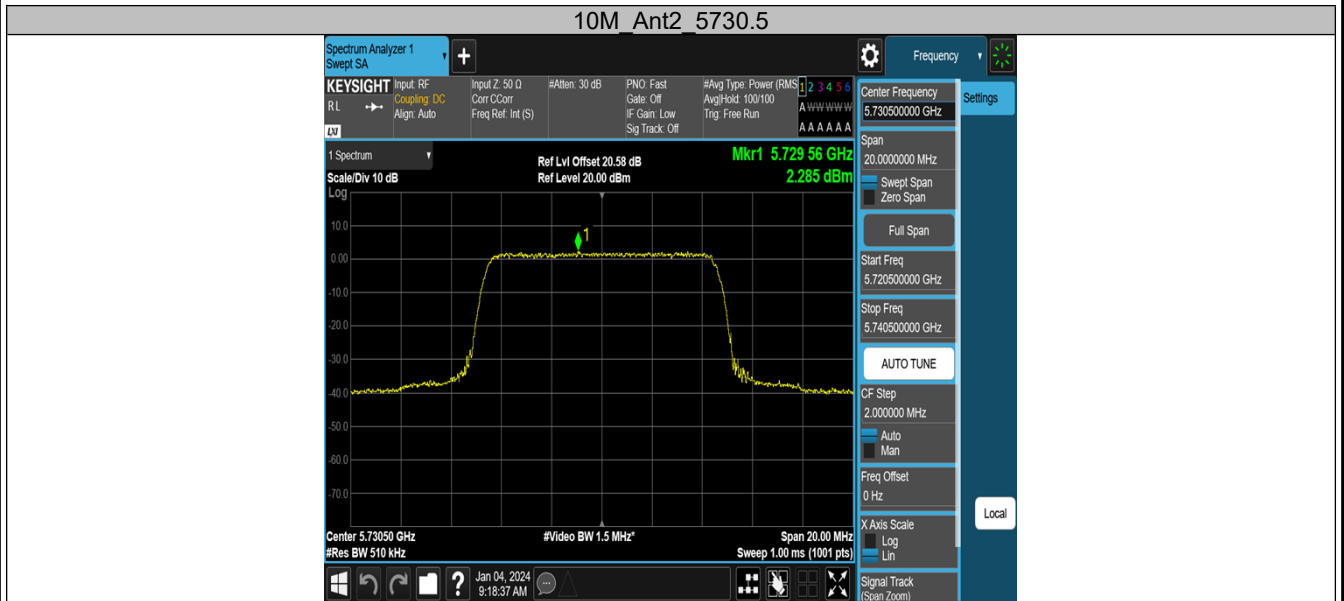
TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10M	Ant0	5730.5	5.03	≤30.00	PASS
		5787.5	5.51	≤30.00	PASS
		5844.5	5.73	≤30.00	PASS



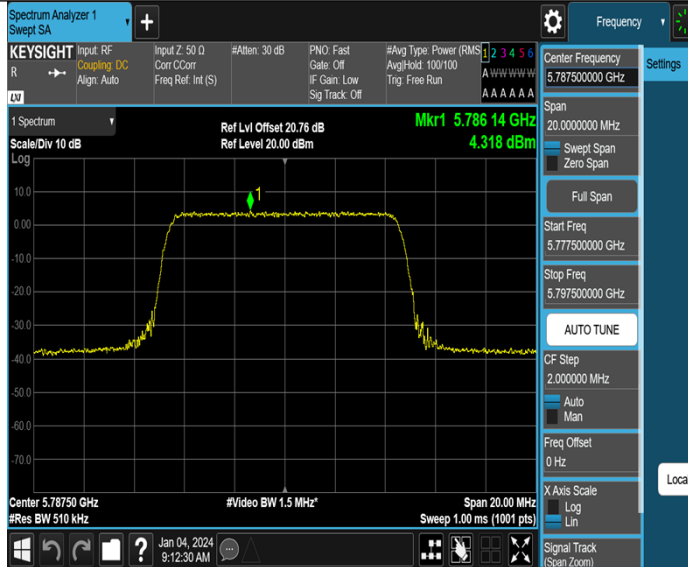


MIMO mode (Worst case_ANT2+ANT3)

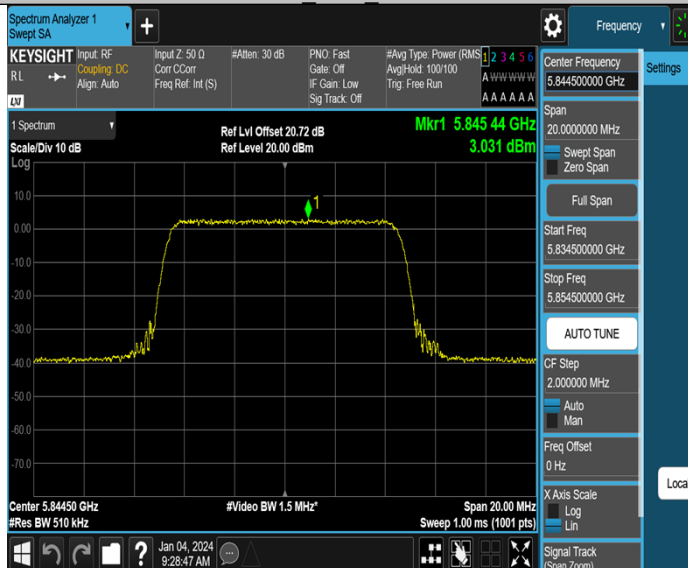
TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10M	Ant2	5730.5	2.29	≤30.00	PASS
	Ant3	5730.5	1.96	≤30.00	PASS
	total	5730.5	5.14	≤30.00	PASS
	Ant2	5787.5	4.12	≤30.00	PASS
	Ant3	5787.5	4.32	≤30.00	PASS
	total	5787.5	7.23	≤30.00	PASS
	Ant2	5844.5	3.03	≤30.00	PASS
	Ant3	5844.5	3.24	≤30.00	PASS
	total	5844.5	6.15	≤30.00	PASS



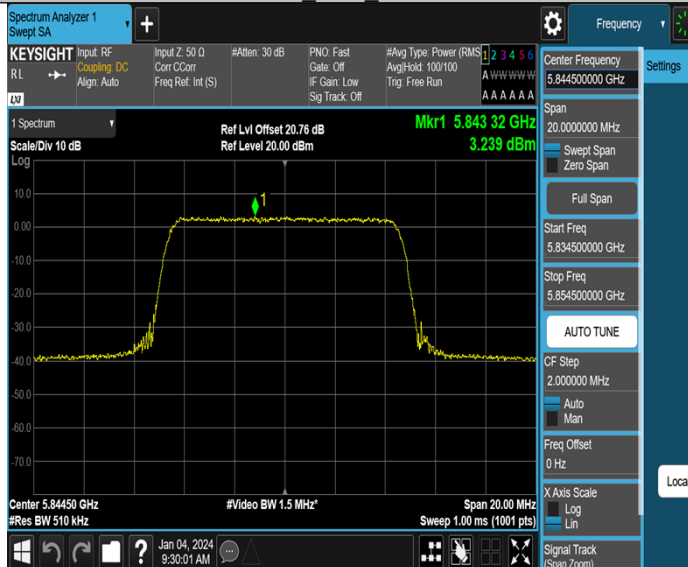
10M Ant3 5787.5



10M Ant2 5844.5



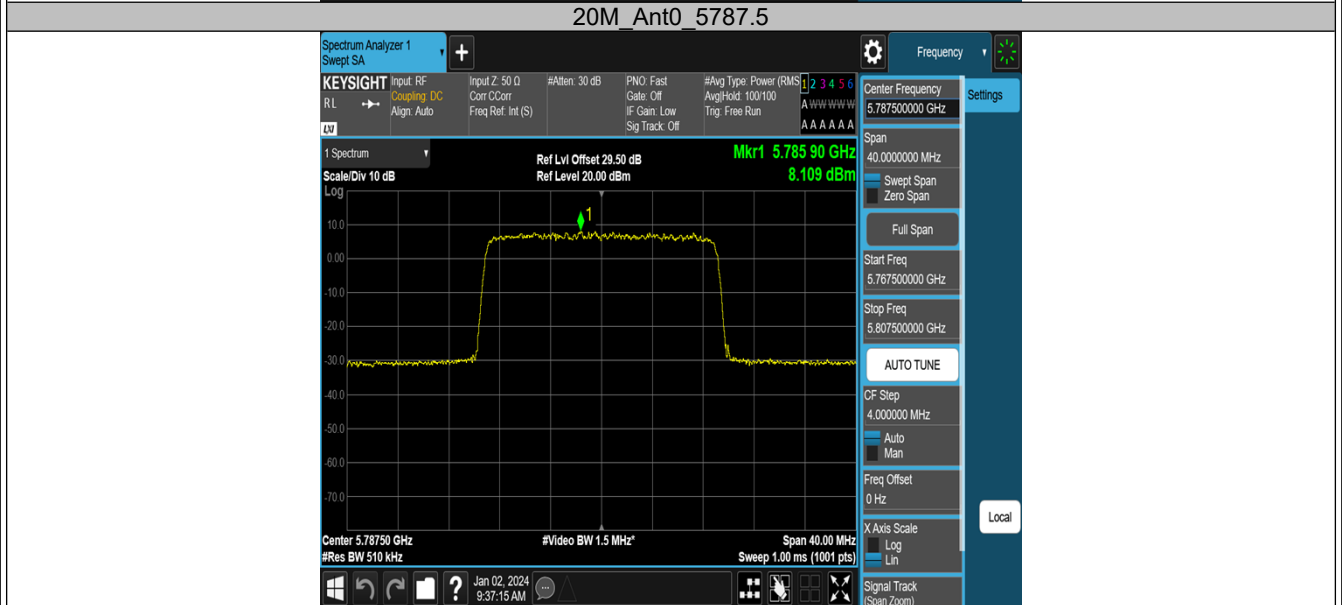
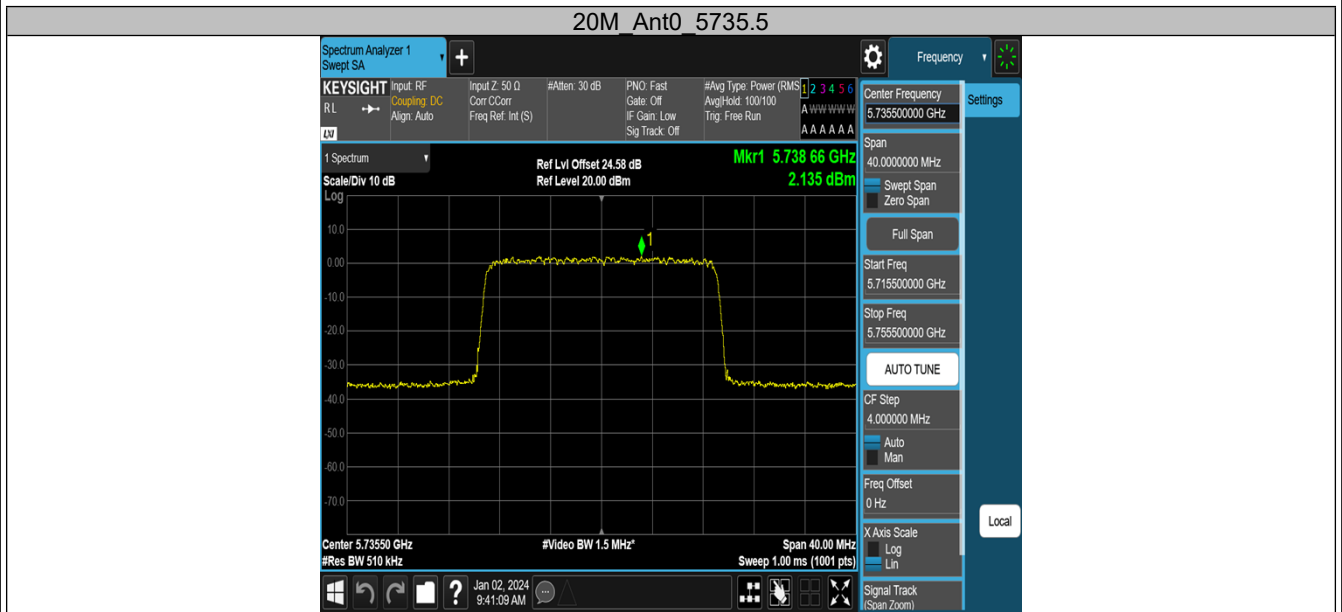
10M Ant3 5844.5

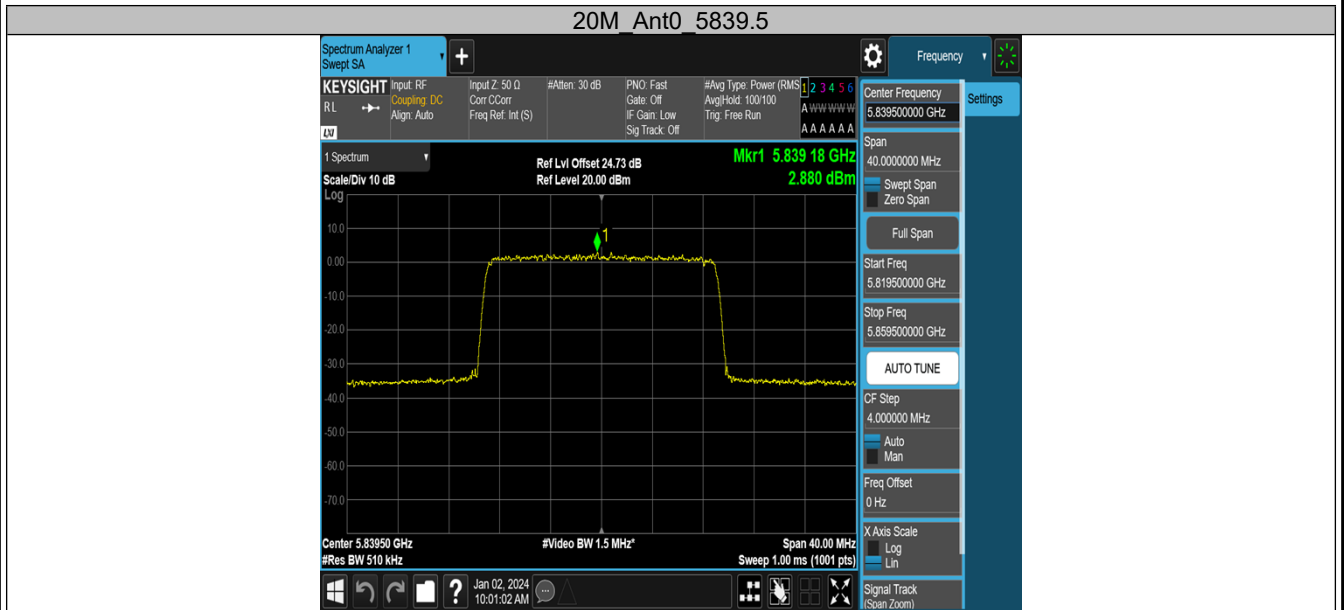


5.8G SDR, 20MHz BW

SISO mode (Worst case_ANT0)

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20M	Ant0	5735.5	2.14	≤30.00	PASS
		5787.5	8.11	≤30.00	PASS
		5839.5	2.88	≤30.00	PASS

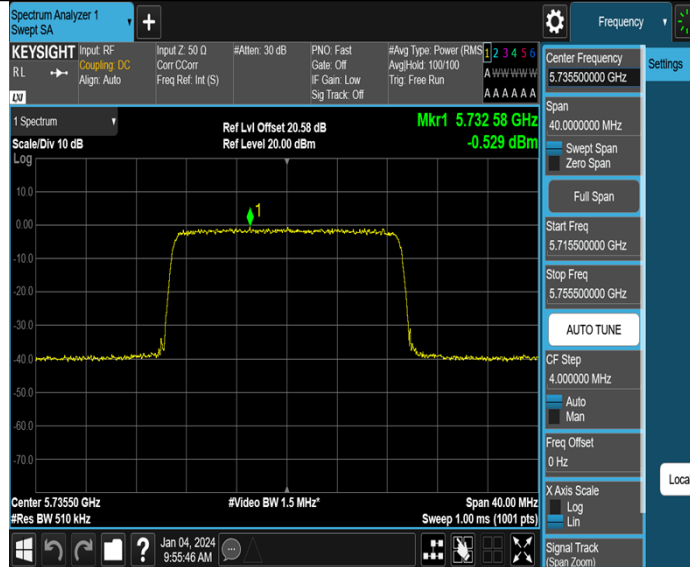




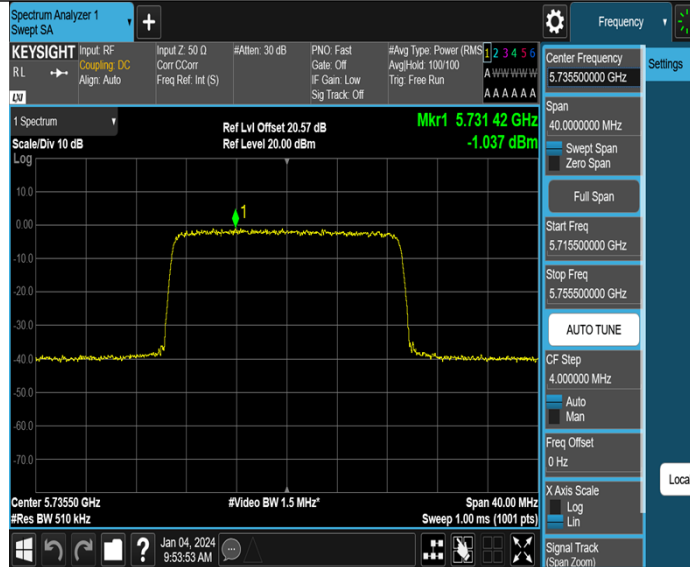
MIMO mode (Worst case_ANT2+ANT3)

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20M	Ant2	5735.5	-0.53	≤30.00	PASS
	Ant3	5735.5	-1.04	≤30.00	PASS
	total	5735.5	2.23	≤30.00	PASS
	Ant2	5787.5	-0.12	≤30.00	PASS
	Ant3	5787.5	0.09	≤30.00	PASS
	total	5787.5	3	≤30.00	PASS
	Ant2	5839.5	-0.27	≤30.00	PASS
	Ant3	5839.5	-1.07	≤30.00	PASS
	total	5839.5	2.36	≤30.00	PASS

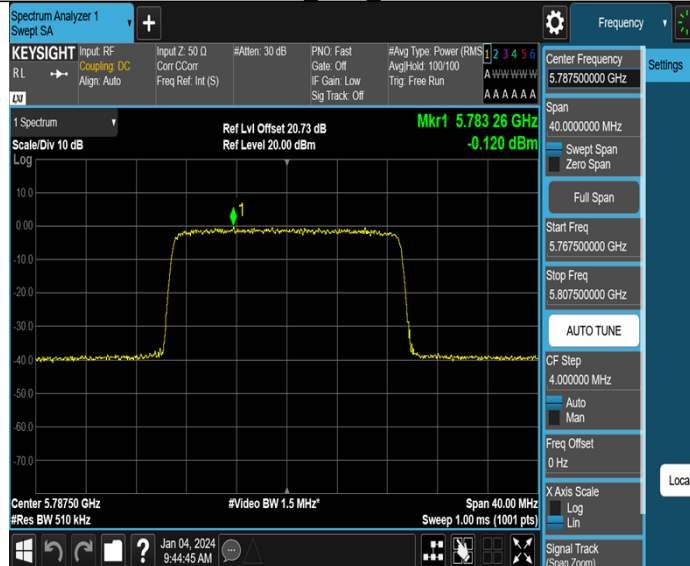
20M Ant2 5735.5



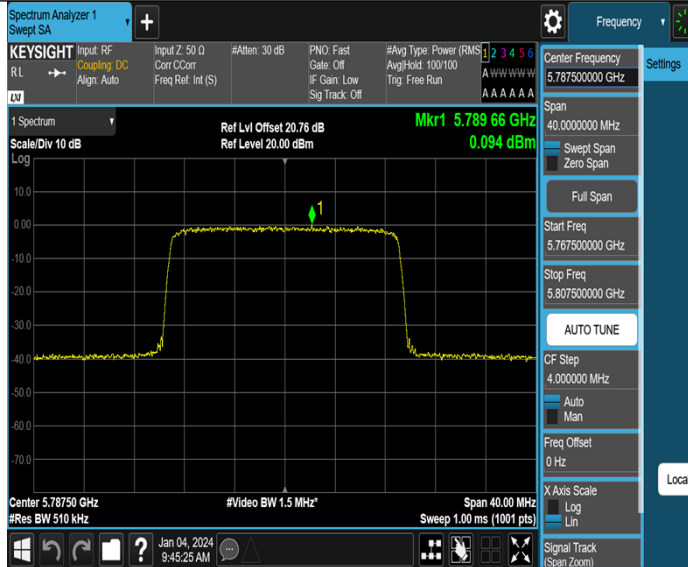
20M Ant3 5735.5



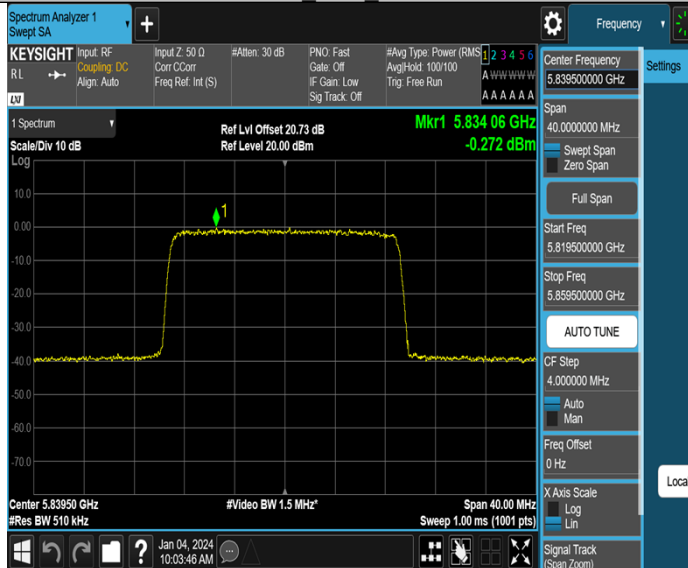
20M Ant2 5787.5



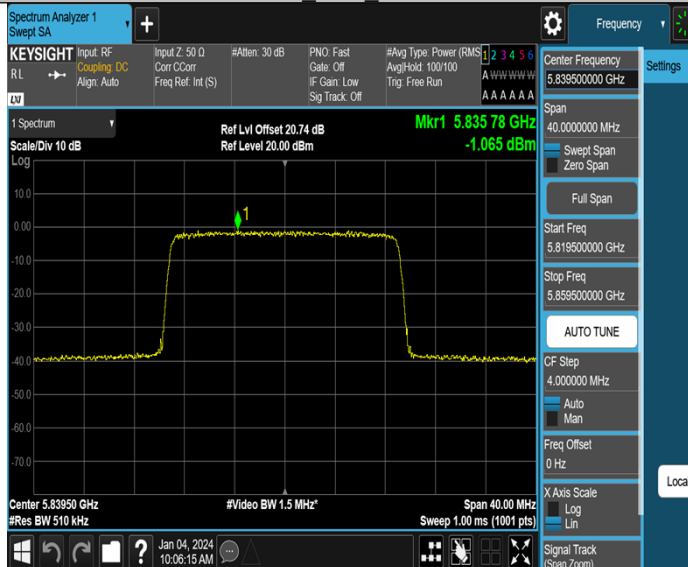
20M Ant3 5787.5



20M Ant2 5839.5



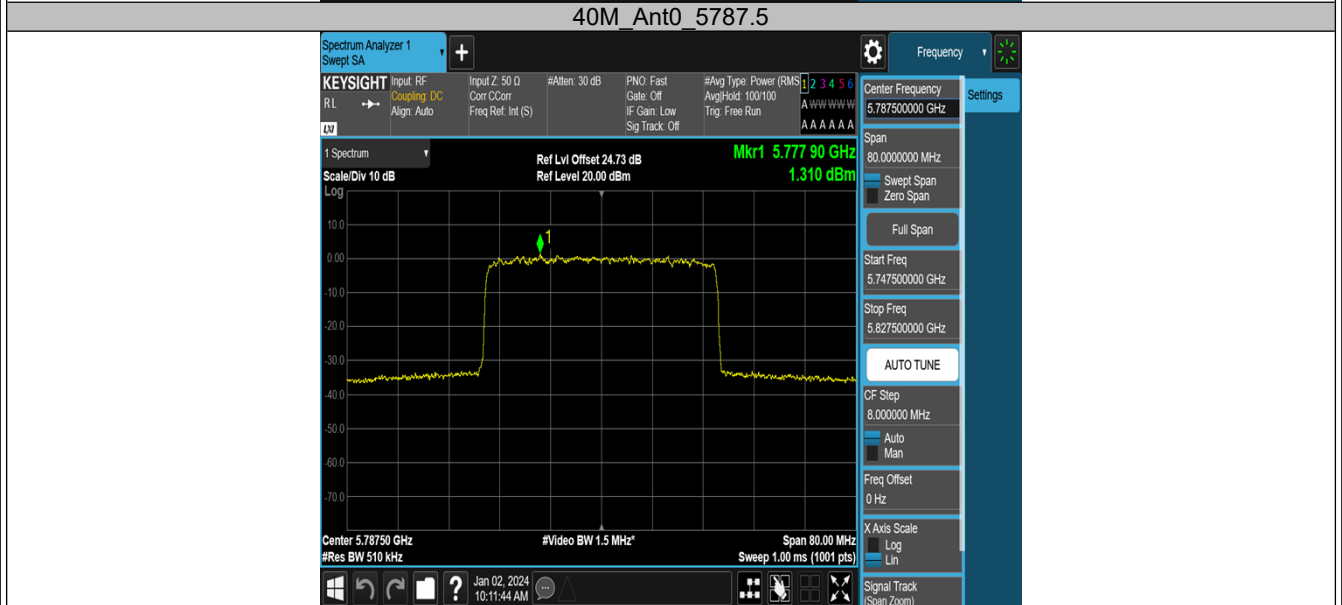
20M Ant3 5839.5

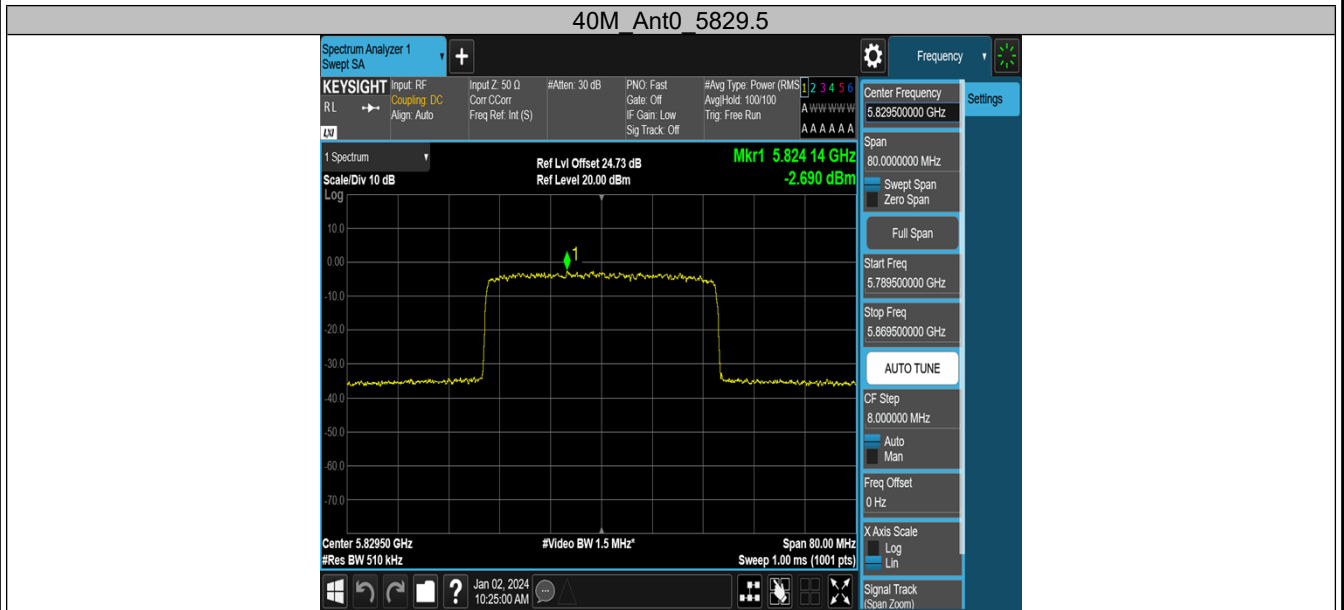


5.8G SDR, 40MHz BW

SISO mode (Worst case_ANT0)

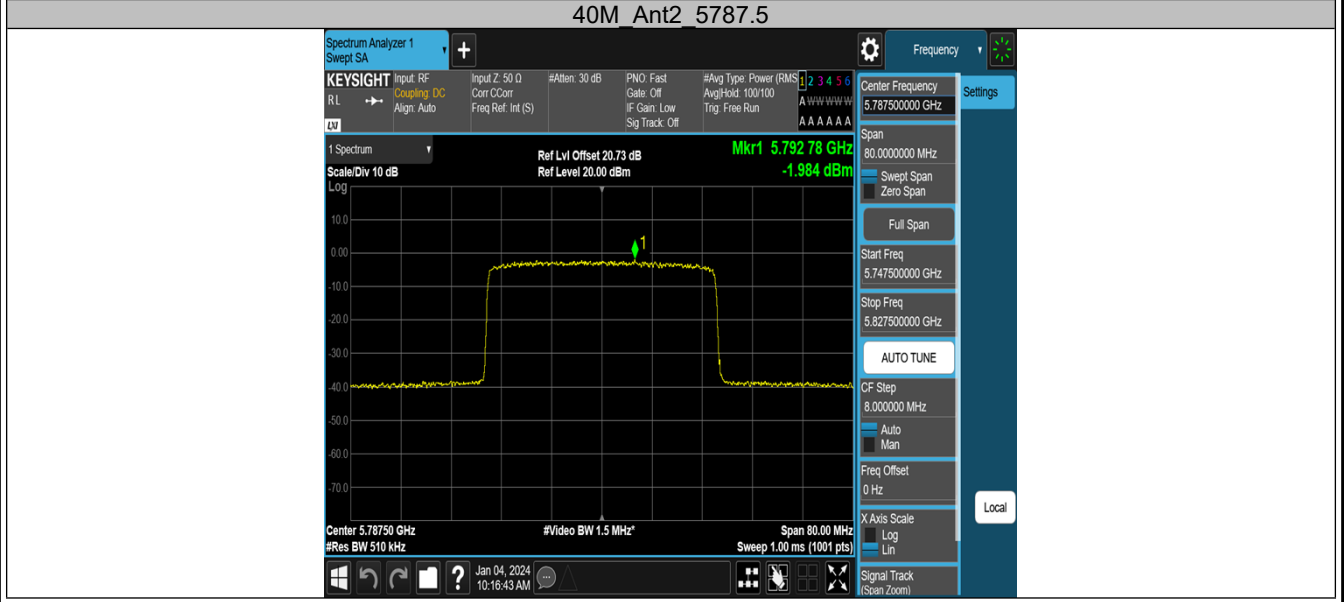
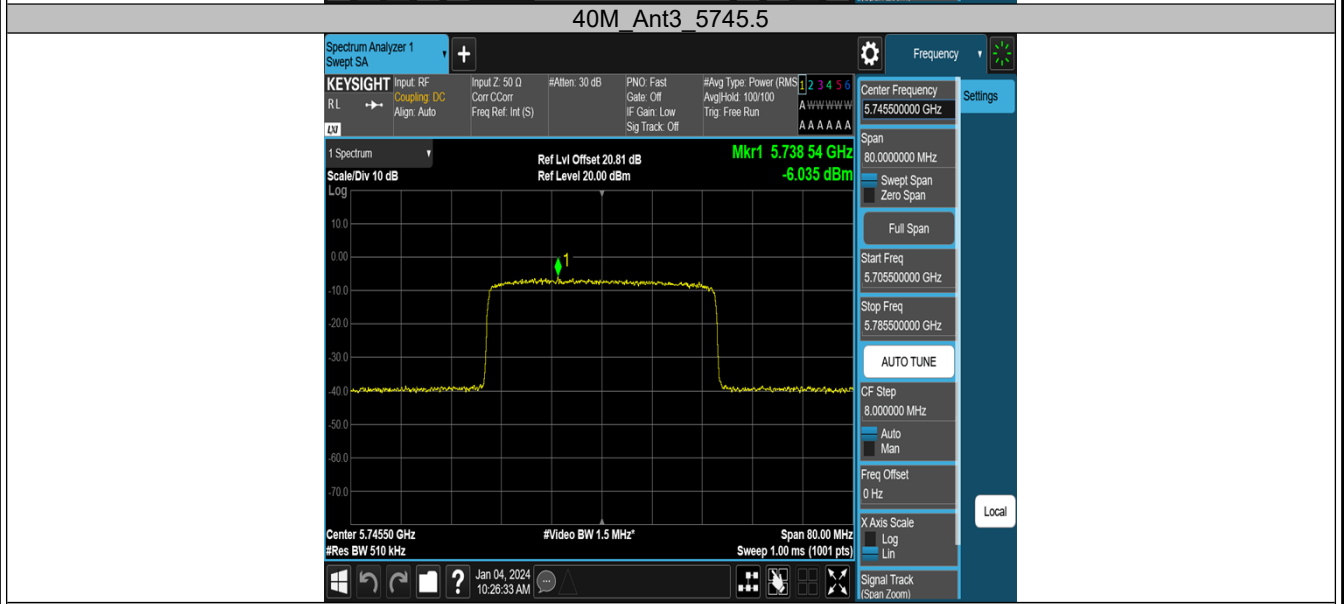
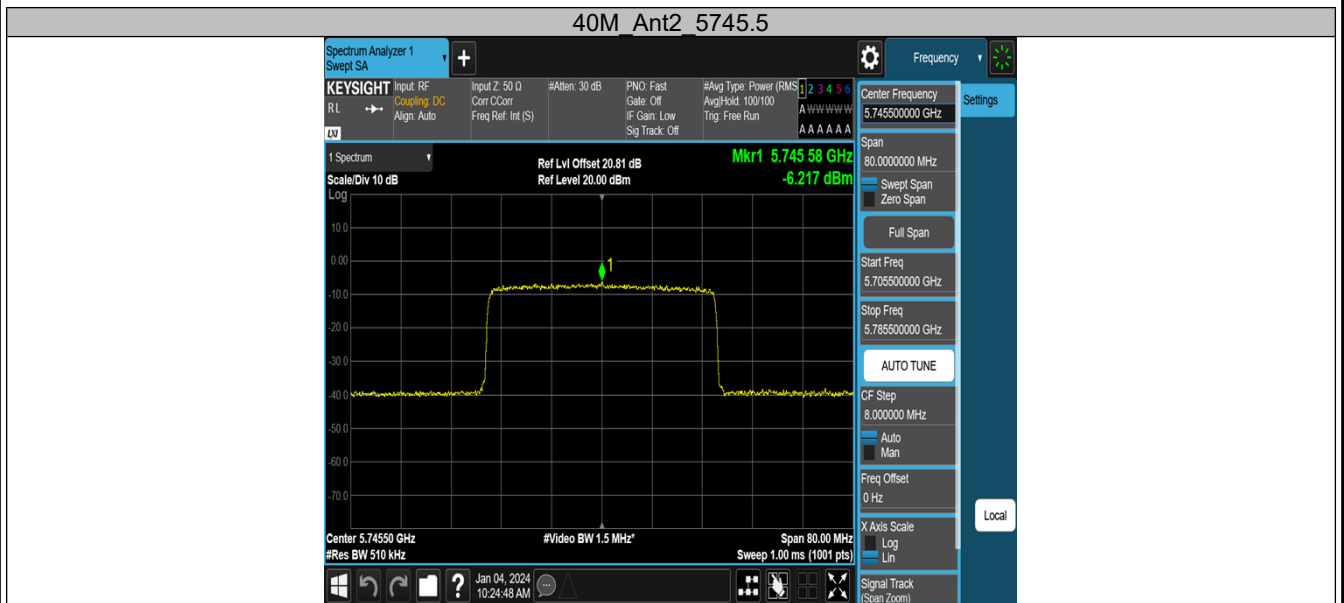
TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
40M	Ant0	5745.5	-2.51	≤30.00	PASS
		5787.5	1.31	≤30.00	PASS
		5829.5	-2.69	≤30.00	PASS



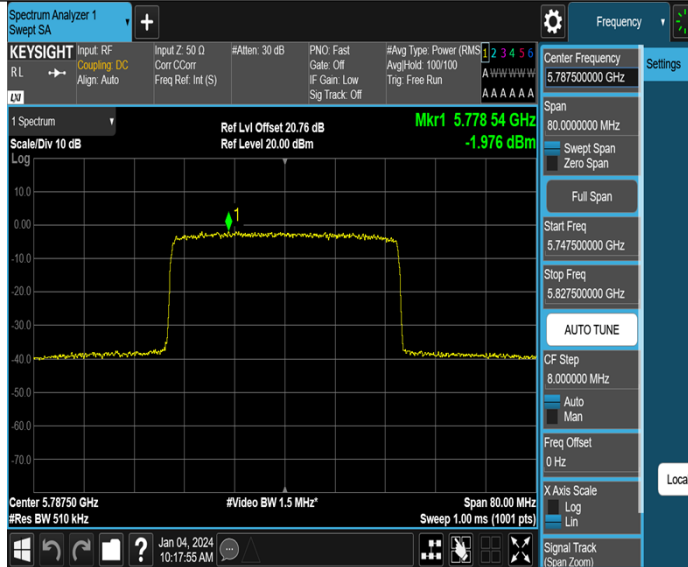


MIMO mode (Worst case_ANT2+ANT3)

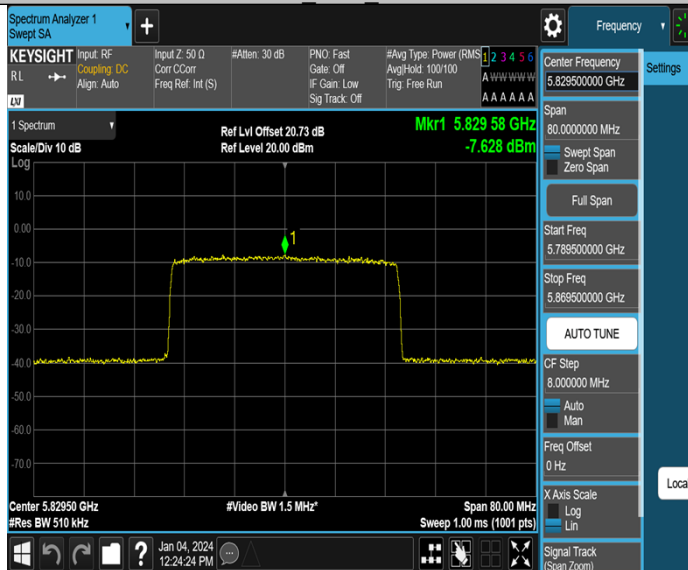
TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
40M	Ant2	5745.5	-6.22	≤30.00	PASS
	Ant3	5745.5	-6.04	≤30.00	PASS
	total	5745.5	-3.12	≤30.00	PASS
	Ant2	5787.5	-1.98	≤30.00	PASS
	Ant3	5787.5	-1.98	≤30.00	PASS
	total	5787.5	1.03	≤30.00	PASS
	Ant2	5829.5	-7.63	≤30.00	PASS
	Ant3	5829.5	-7.14	≤30.00	PASS
	total	5829.5	-4.37	≤30.00	PASS



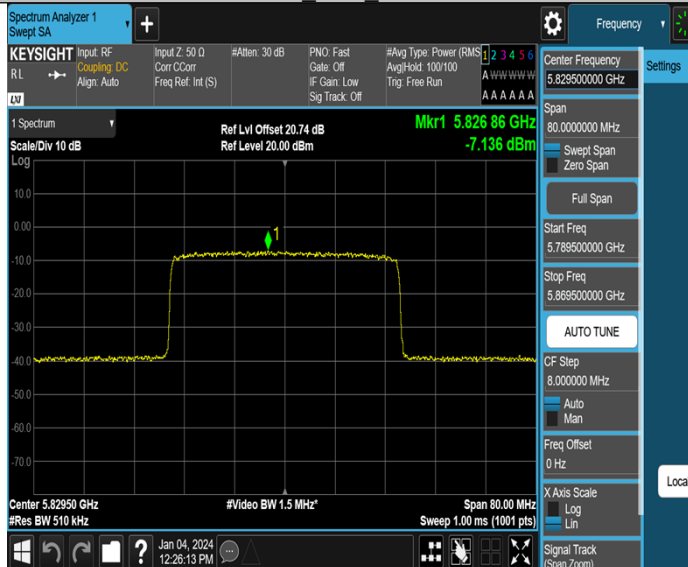
40M Ant3 5787.5



40M Ant2 5829.5



40M Ant3 5829.5



Appendix A.2: Test Results of Frequency Stability

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

TestMode	Antenna	Channel	Voltage			Limit (ppm)	Verdict
			Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)		
1.4M	Ant2	5728.5	na	-7000.00	-1.221960	20	PASS
		5788.5	na	-7000.00	-1.209294	20	PASS
		5846.5	na	-7000.00	-1.197298	20	PASS
1.4MCA	Ant2	5730.12	na	-7000.00	-1.221615	20	PASS
		5790.12	na	-7000.00	-1.208956	20	PASS
		5848.12	na	-7000.00	-1.196966	20	PASS
3M	Ant2	5727.5	na	-7000.00	-1.222174	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5844.5	na	-7000.00	-1.197707	20	PASS
3MCA	Ant2	5730.2	na	-7000.00	-1.221598	20	PASS
		5790.2	na	-7000.00	-1.208939	20	PASS
		5847.2	na	-7000.00	-1.197154	20	PASS
10	Ant2	5730.5	na	-7000.00	-1.221534	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5844.5	na	-7000.00	-1.197707	20	PASS
20M	Ant2	5735.5	na	-7000.00	-1.220469	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5839.5	na	-7000.00	-1.198733	20	PASS
40M	Ant2	5745.5	na	-7000.00	-1.218345	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5829.5	na	-7000.00	-1.200789	20	PASS

Appendix A.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant2	5728.5	1.098	5727.943	5729.040	0.5	PASS
		5788.5	1.095	5787.946	5789.040	0.5	PASS
		5846.5	1.095	5845.946	5847.040	0.5	PASS





5.8G SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant2	5730.12	1.106	5729.560	5730.666	0.5	PASS
		5790.12	1.095	5789.566	5790.660	0.5	PASS
		5848.12	1.098	5847.563	5848.660	0.5	PASS

