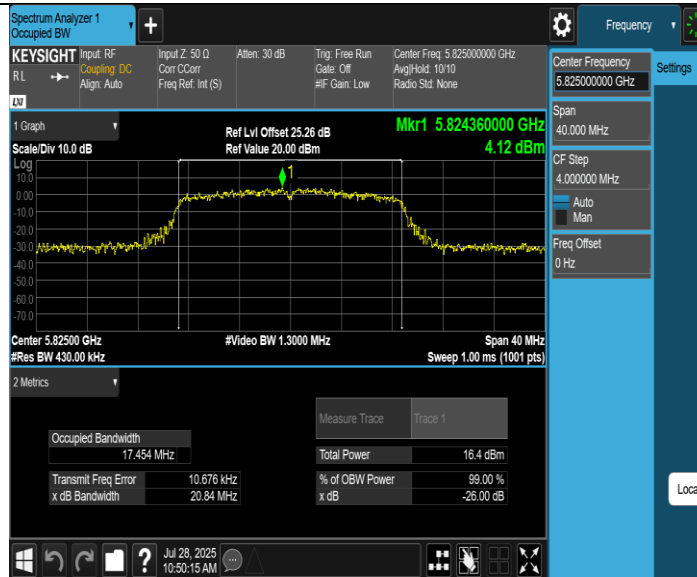
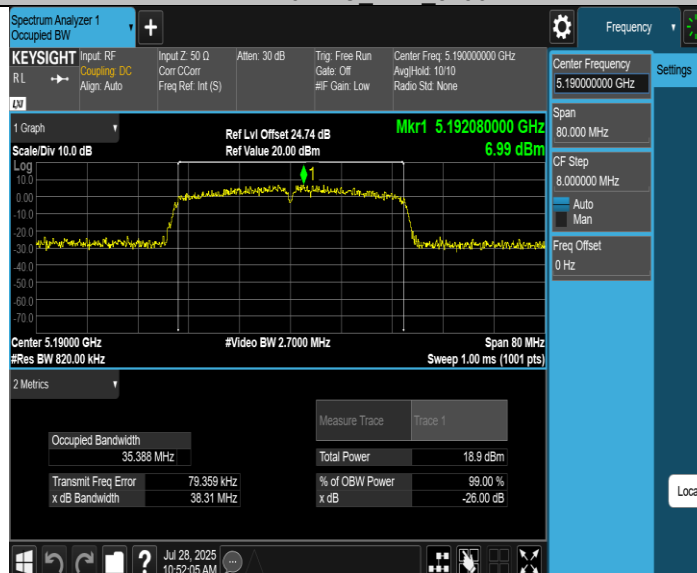
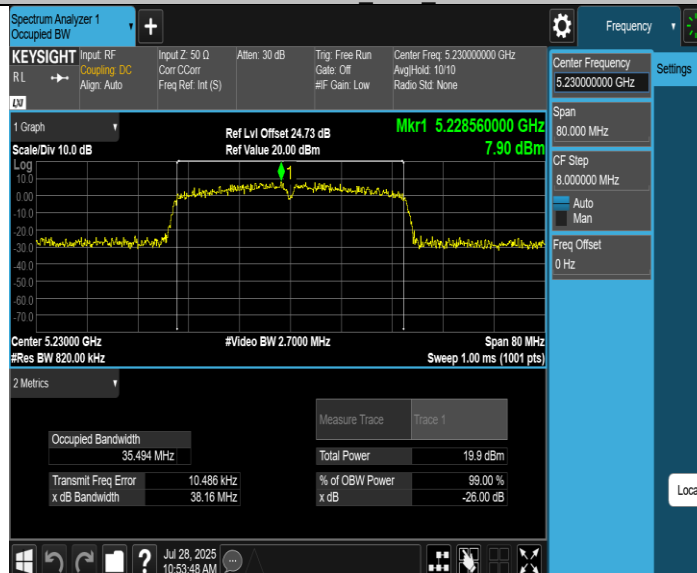




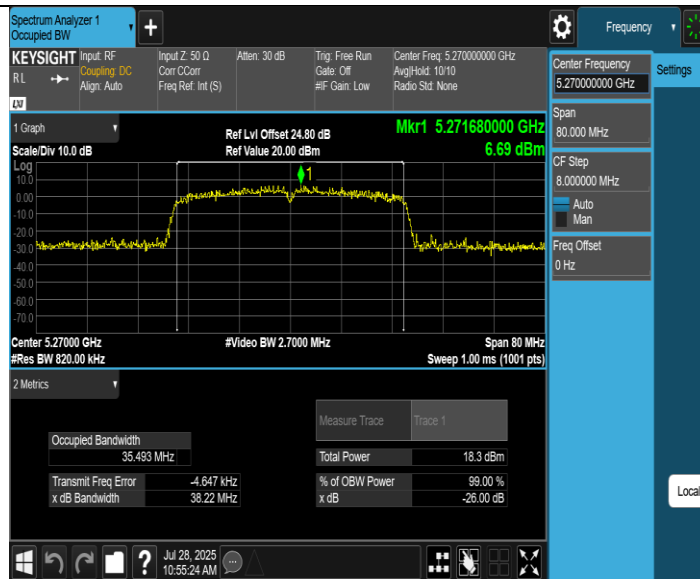
11N40SISO Ant1 5190



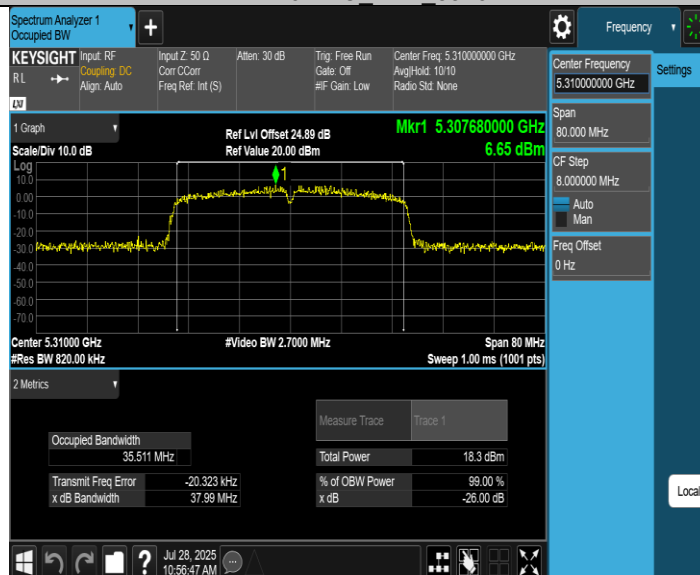
11N40SISO Ant1 5230



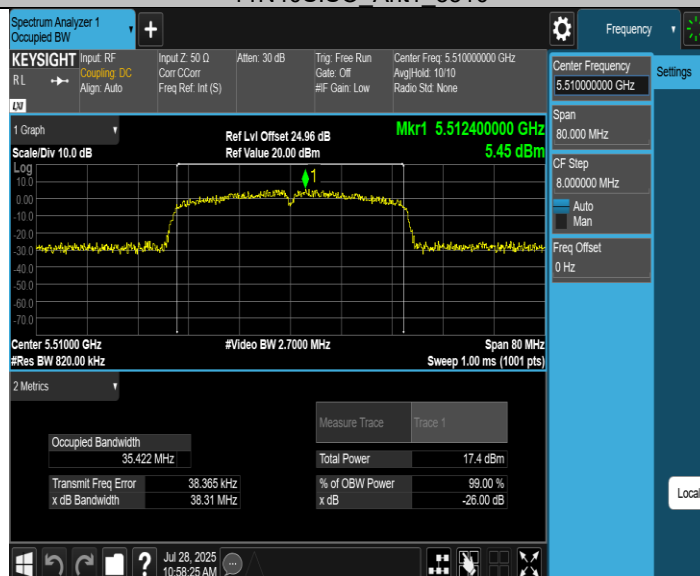
11N40SISO Ant1 5270



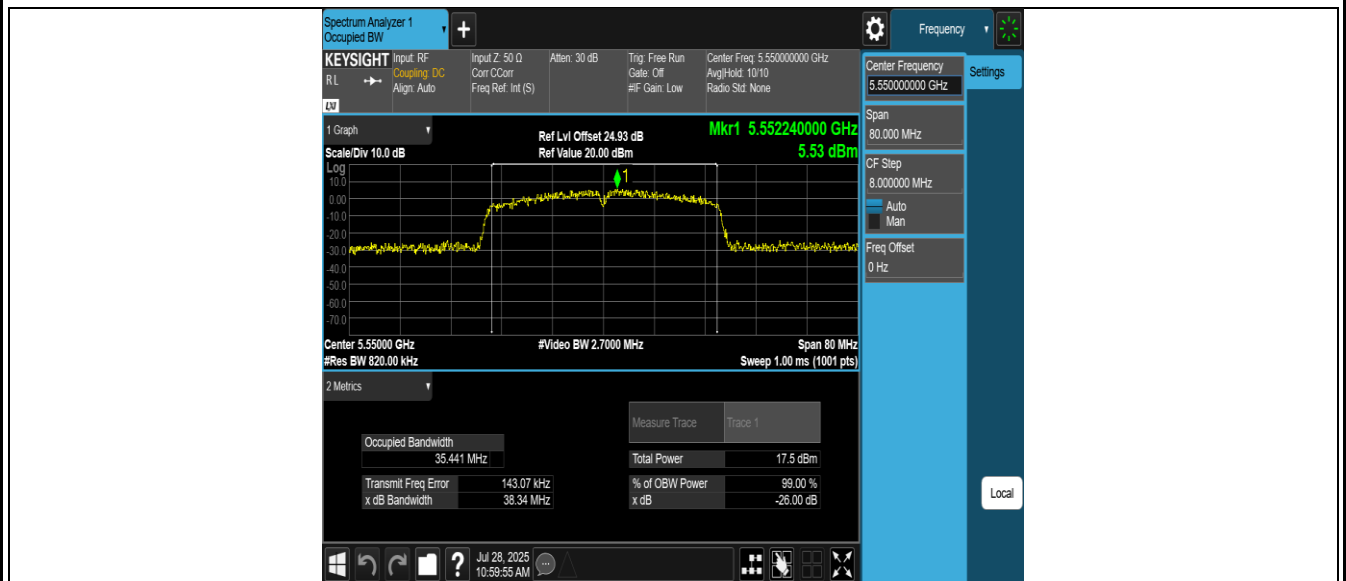
11N40SISO Ant1 5310



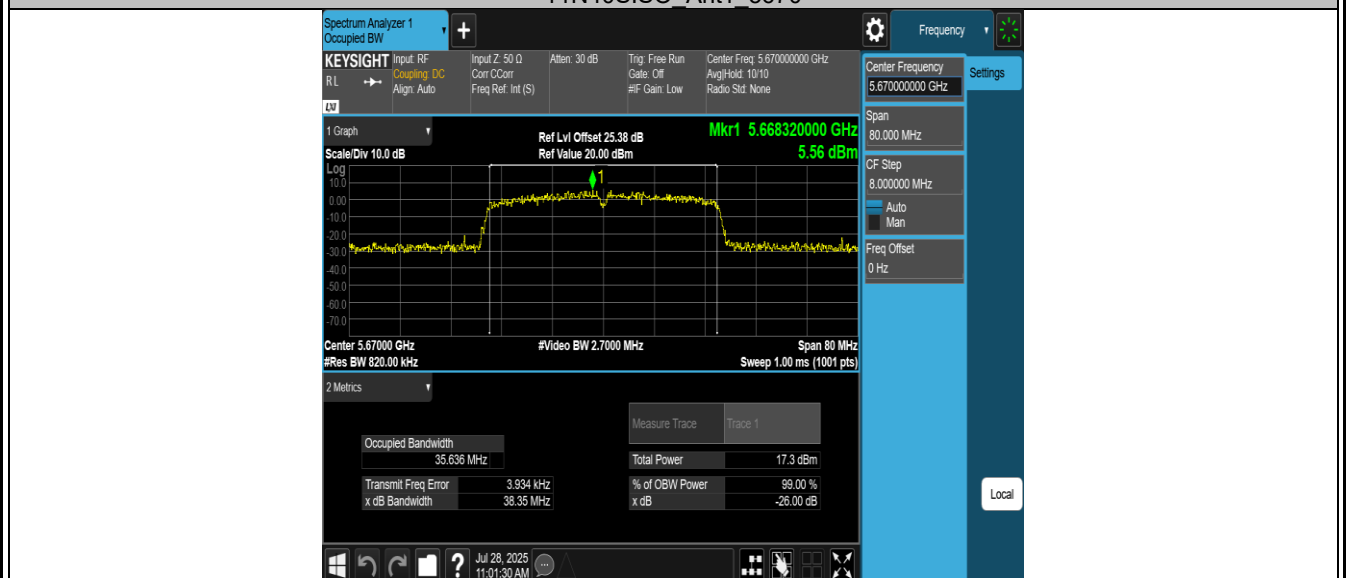
11N40SISO Ant1 5510



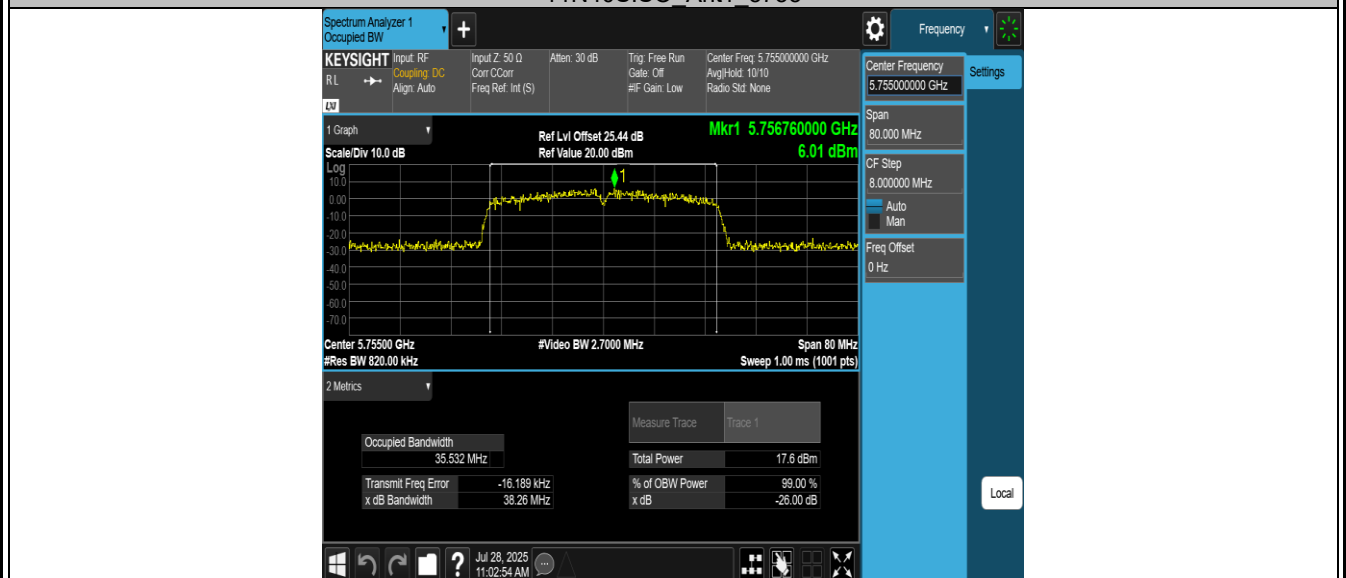
11N40SISO Ant1 5550



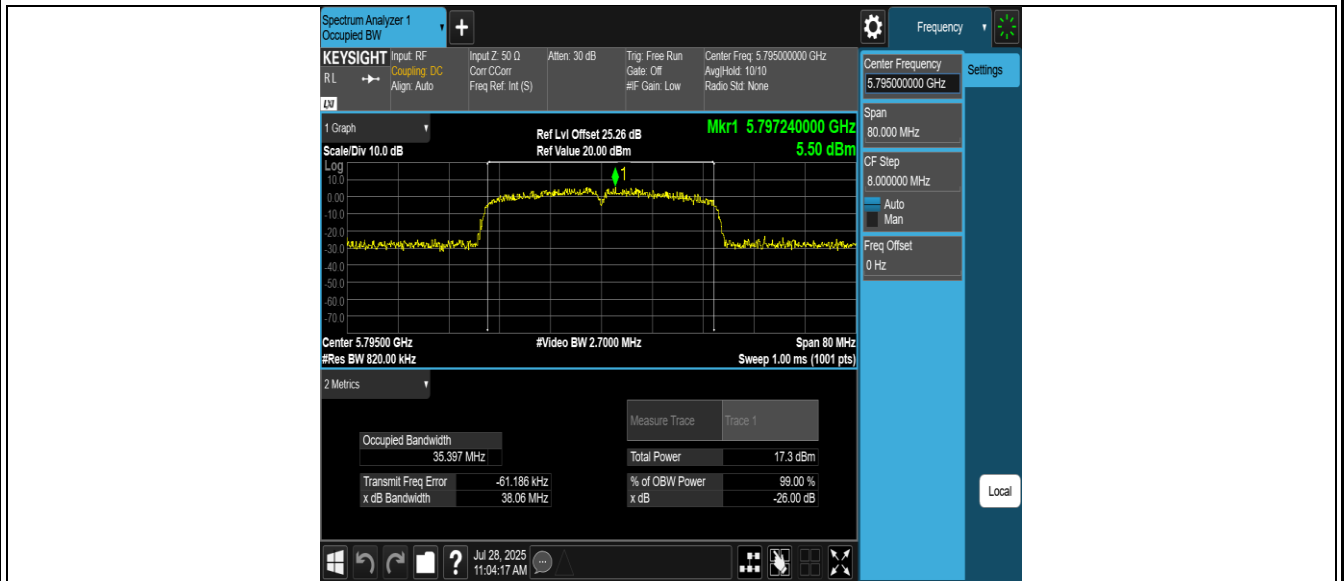
11N40SISO Ant1 5670



11N40SISO Ant1 5755



11N40SISO Ant1 5795



Appendix A.3: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.680	5738.080	5752.760	0.5	PASS
		5785	16.040	5777.080	5793.120	0.5	PASS
		5825	14.880	5817.360	5832.240	0.5	PASS
11N20SISO	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	16.560	5776.560	5793.120	0.5	PASS
		5825	16.480	5816.600	5833.080	0.5	PASS
11N40SISO	Ant1	5755	34.080	5738.360	5772.440	0.5	PASS
		5795	32.560	5778.680	5811.240	0.5	PASS

Test Graphs

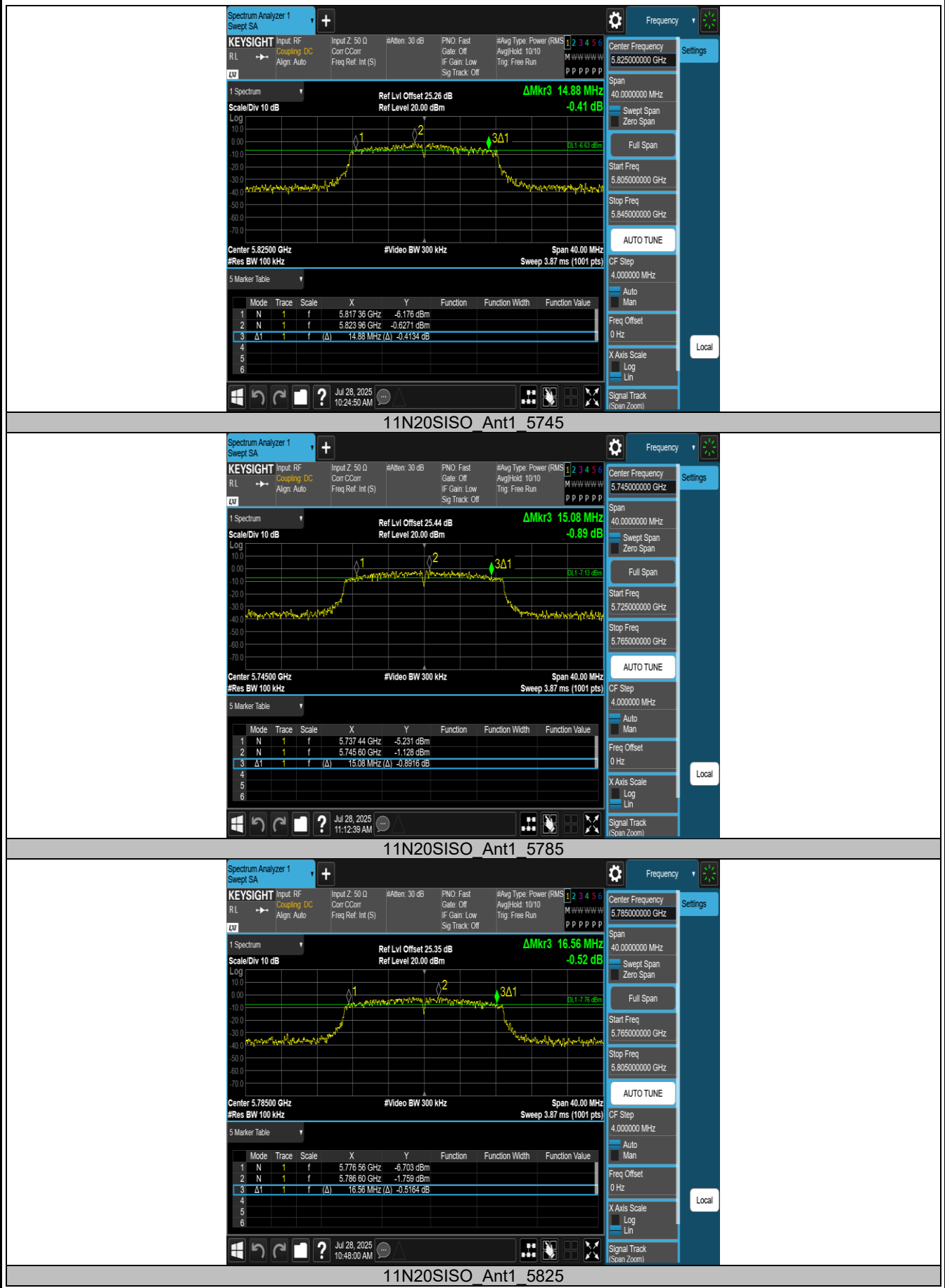
11A_Ant1_5745

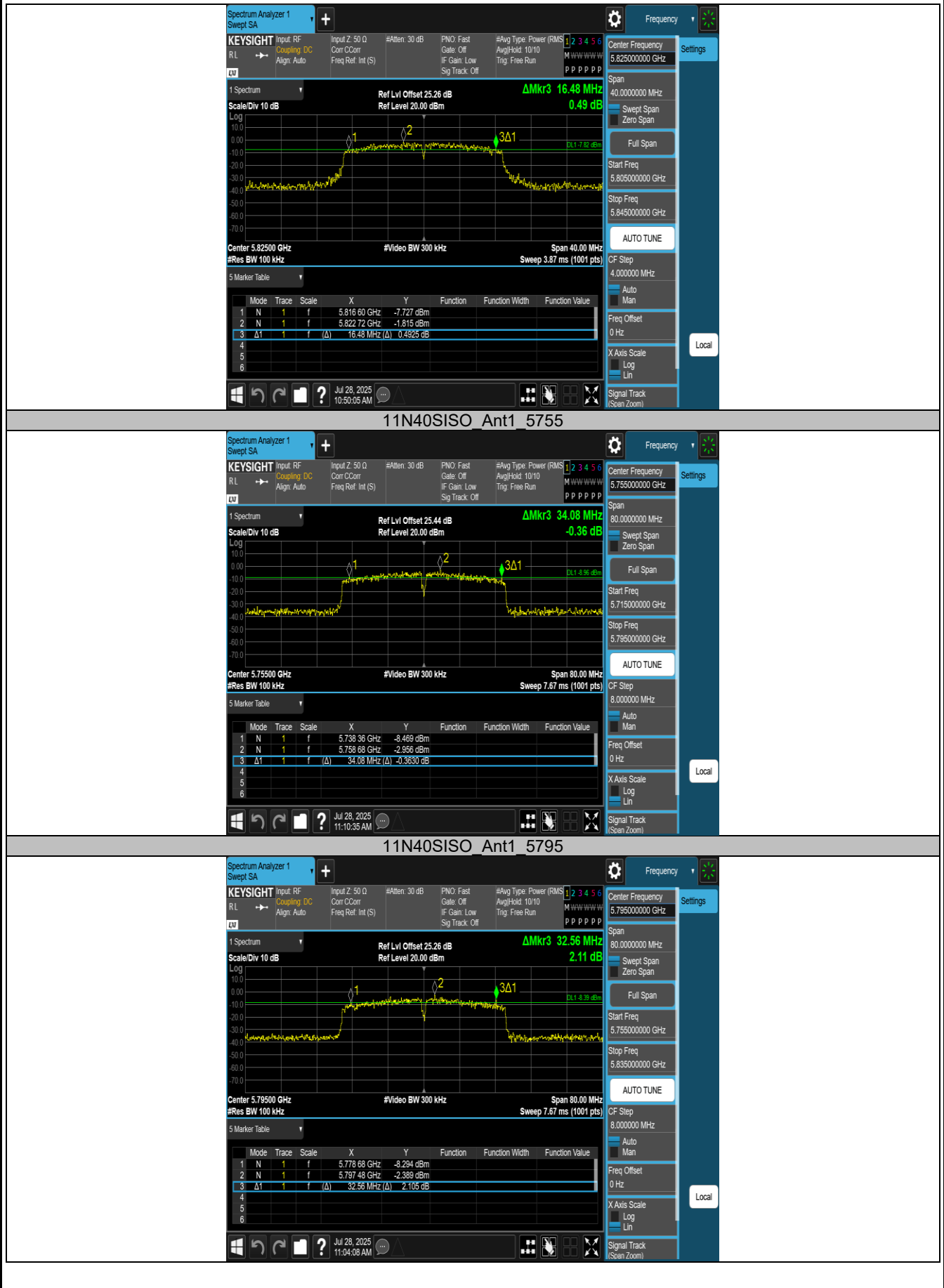


11A_Ant1_5785



11A_Ant1_5825





Appendix A.4: Test Results of Maximum output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	14.20	≤23.98	PASS
		5200	14.08	≤23.98	PASS
		5240	15.27	≤23.98	PASS
		5260	14.01	≤23.98	PASS
		5280	14.12	≤23.98	PASS
		5320	14.13	≤23.98	PASS
		5500	13.05	≤23.98	PASS
		5580	12.75	≤23.98	PASS
		5700	12.47	≤23.98	PASS
		5745	12.63	≤30.00	PASS
		5785	12.49	≤30.00	PASS
11N20SISO	Ant1	5825	12.33	≤30.00	PASS
		5180	13.92	≤23.98	PASS
		5200	13.88	≤23.98	PASS
		5240	15.14	≤23.98	PASS
		5260	13.97	≤23.98	PASS
		5280	13.90	≤23.98	PASS
		5320	13.96	≤23.98	PASS
		5500	12.98	≤23.98	PASS
		5580	12.60	≤23.98	PASS
		5700	12.37	≤23.98	PASS
		5745	12.56	≤30.00	PASS
11N40SISO	Ant1	5785	12.48	≤30.00	PASS
		5825	12.23	≤30.00	PASS
		5190	14.12	≤23.98	PASS
		5230	15.25	≤23.98	PASS
		5270	13.97	≤23.98	PASS
		5310	13.98	≤23.98	PASS
		5510	12.79	≤23.98	PASS
		5550	12.69	≤23.98	PASS
	Ant1	5670	12.36	≤23.98	PASS
		5755	12.51	≤30.00	PASS
		5795	12.37	≤30.00	PASS

Max. EIRP for U-NII-B1 is 17.84dBm (0.0608W)

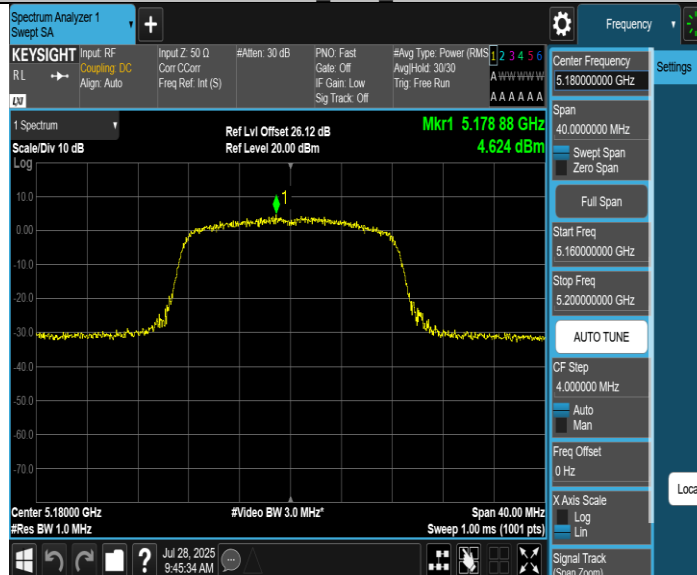
Appendix A.5: Test Results of Conducted Power Spectral Density

Test Result

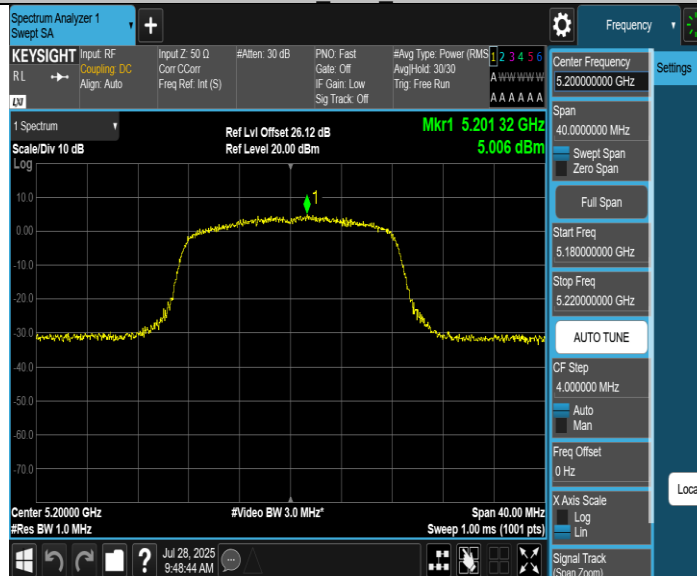
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.62	≤11.00	PASS
		5200	5.01	≤11.00	PASS
		5240	6.39	≤11.00	PASS
		5260	3.92	≤11.00	PASS
		5280	4.21	≤11.00	PASS
		5320	4.51	≤11.00	PASS
		5500	3.28	≤11.00	PASS
		5580	3.02	≤11.00	PASS
		5700	2.83	≤11.00	PASS
		5745	-0.22	≤30.00	PASS
		5785	0.41	≤30.00	PASS
11N20SISO	Ant1	5825	-0.41	≤30.00	PASS
		5180	4.72	≤11.00	PASS
		5200	3.97	≤11.00	PASS
		5240	5.42	≤11.00	PASS
		5260	5.02	≤11.00	PASS
		5280	4.27	≤11.00	PASS
		5320	3.86	≤11.00	PASS
		5500	2.98	≤11.00	PASS
		5580	2.99	≤11.00	PASS
		5700	2.81	≤11.00	PASS
		5745	0.93	≤30.00	PASS
11N40SISO	Ant1	5785	-0.30	≤30.00	PASS
		5825	0.14	≤30.00	PASS
		5190	-0.26	≤11.00	PASS
		5230	2.54	≤11.00	PASS
		5270	1.18	≤11.00	PASS
		5310	1.03	≤11.00	PASS
		5510	0.37	≤11.00	PASS
		5550	0.63	≤11.00	PASS
	Ant1	5670	0.29	≤11.00	PASS
		5755	-1.67	≤30.00	PASS
		5795	-3.14	≤30.00	PASS

Test Graphs

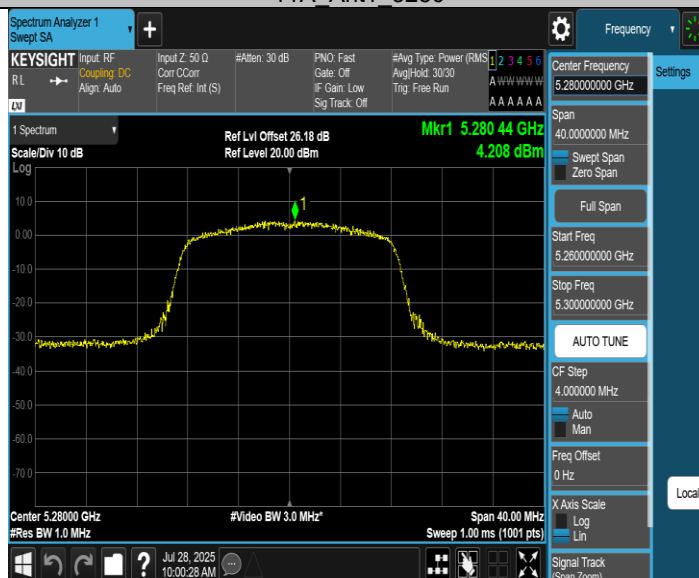
11A_Ant1_5180

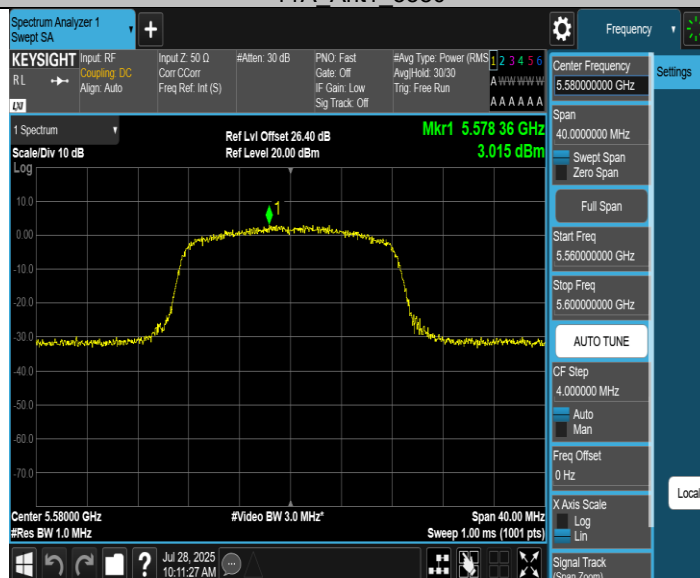
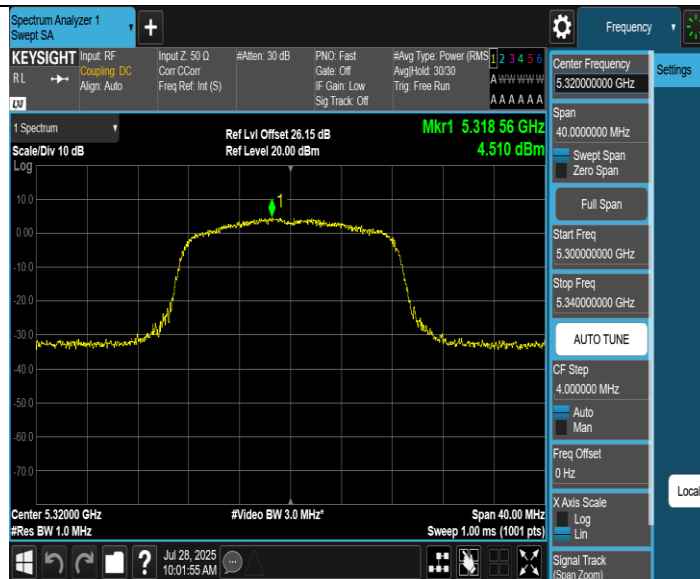


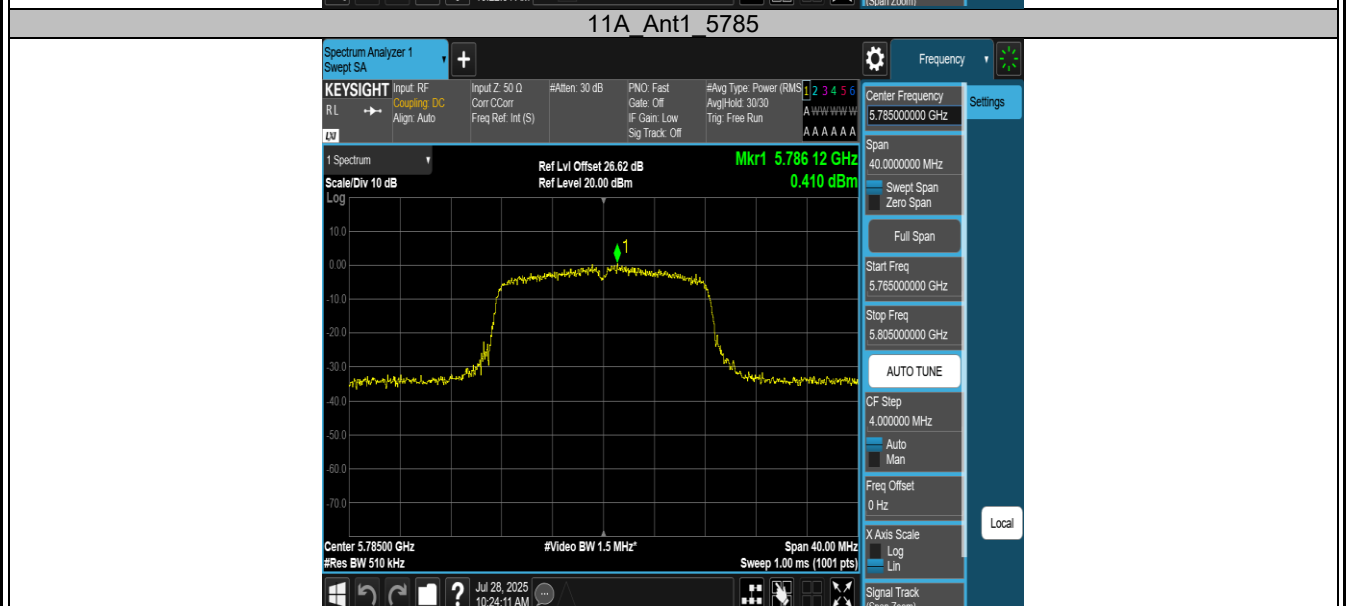
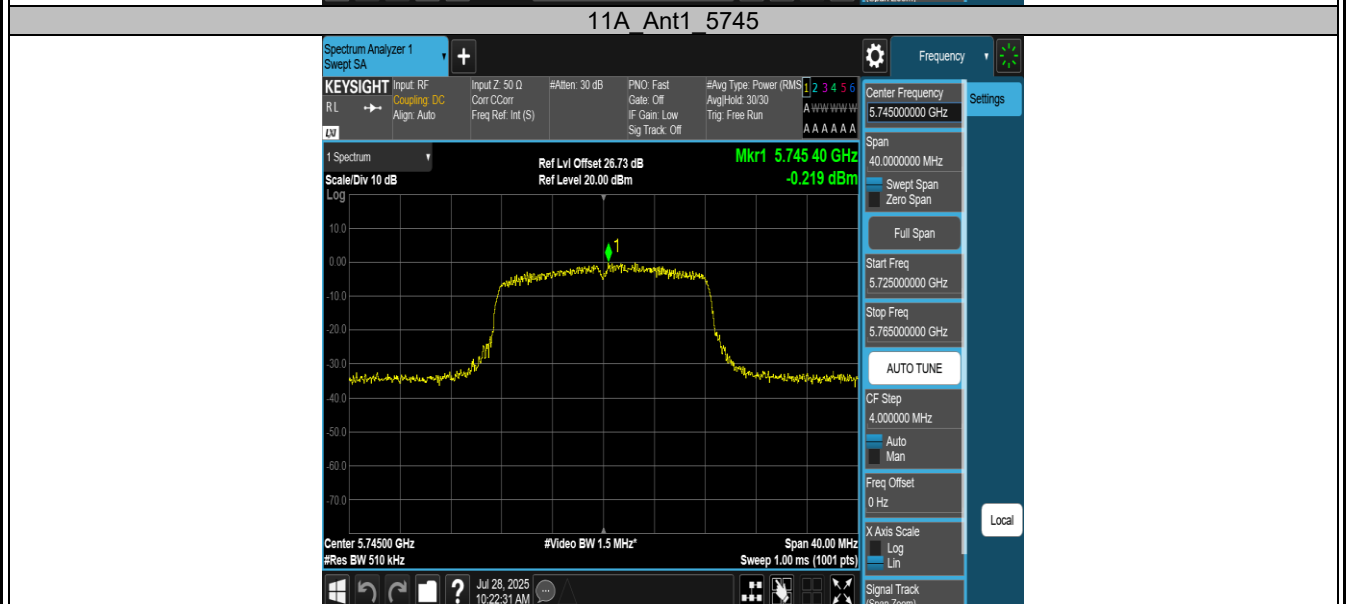
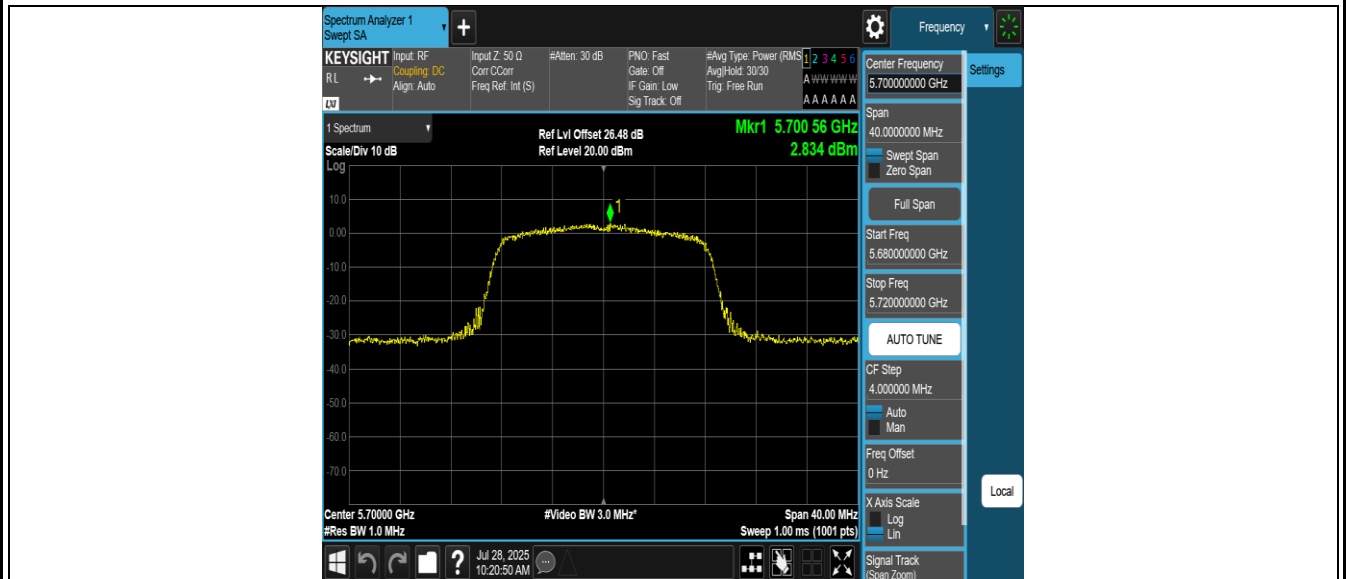
11A_Ant1_5200

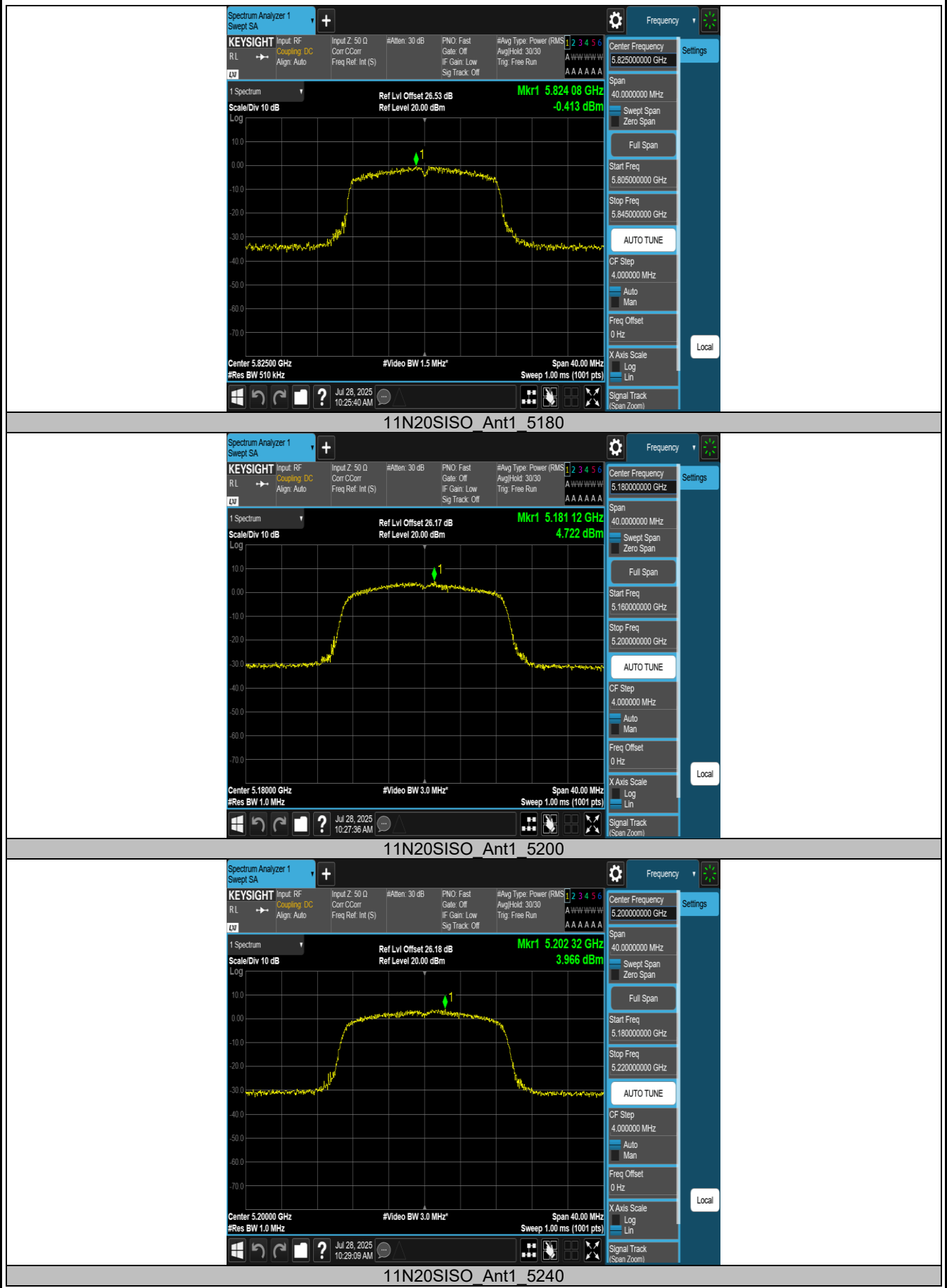


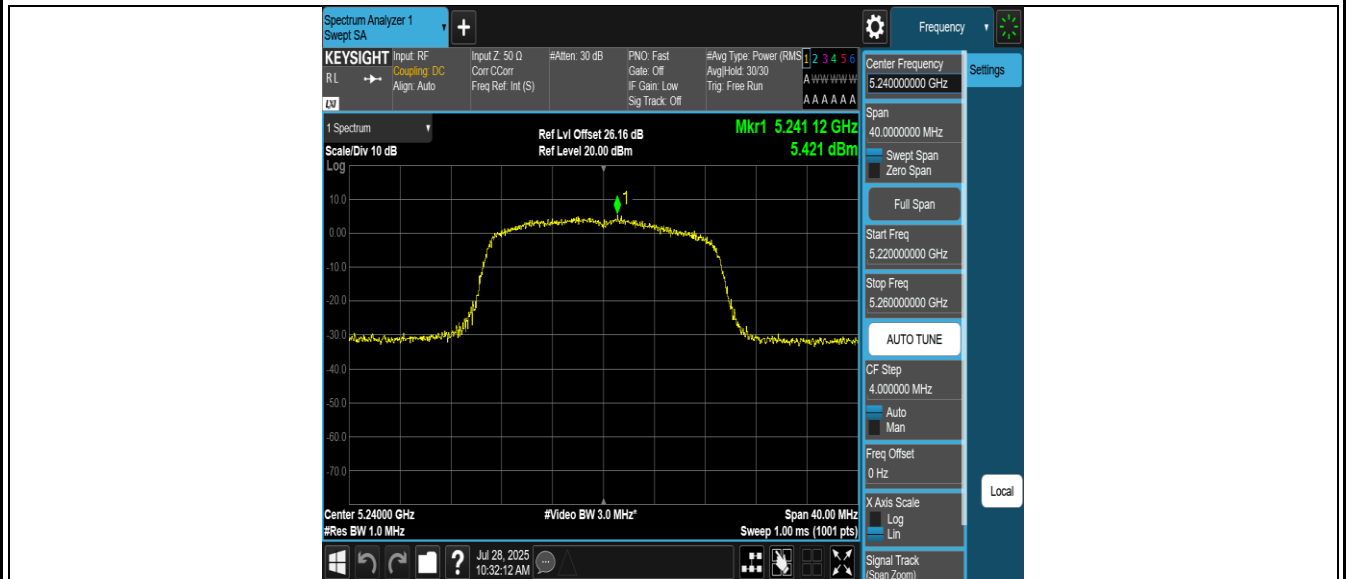
11A_Ant1_5240



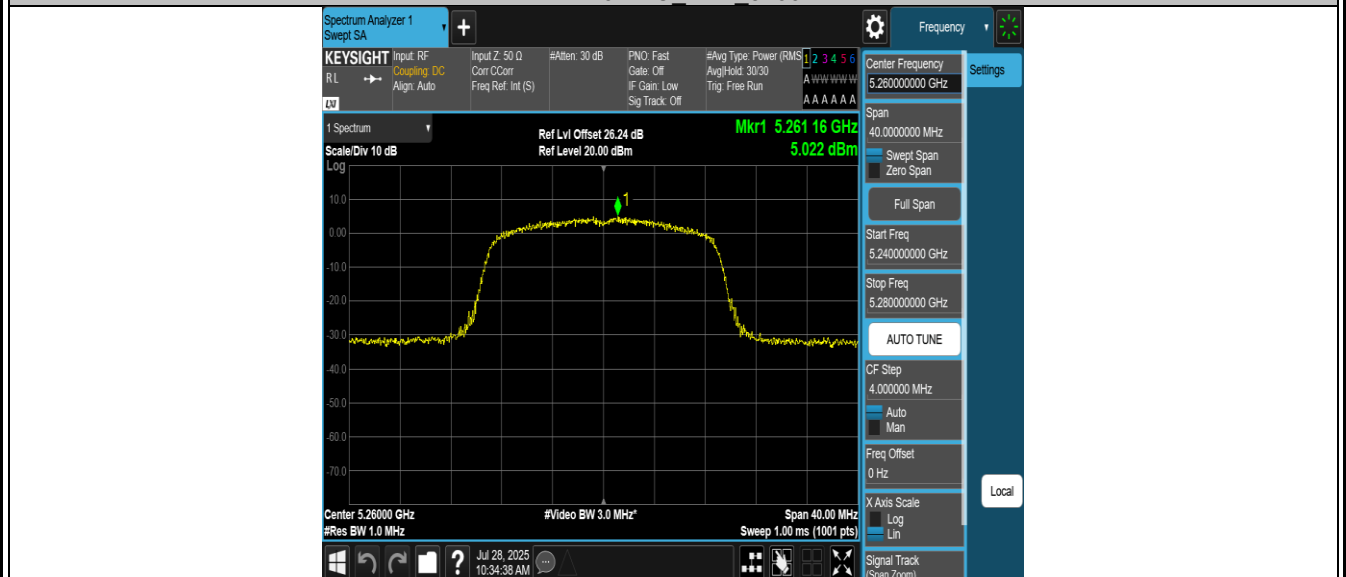




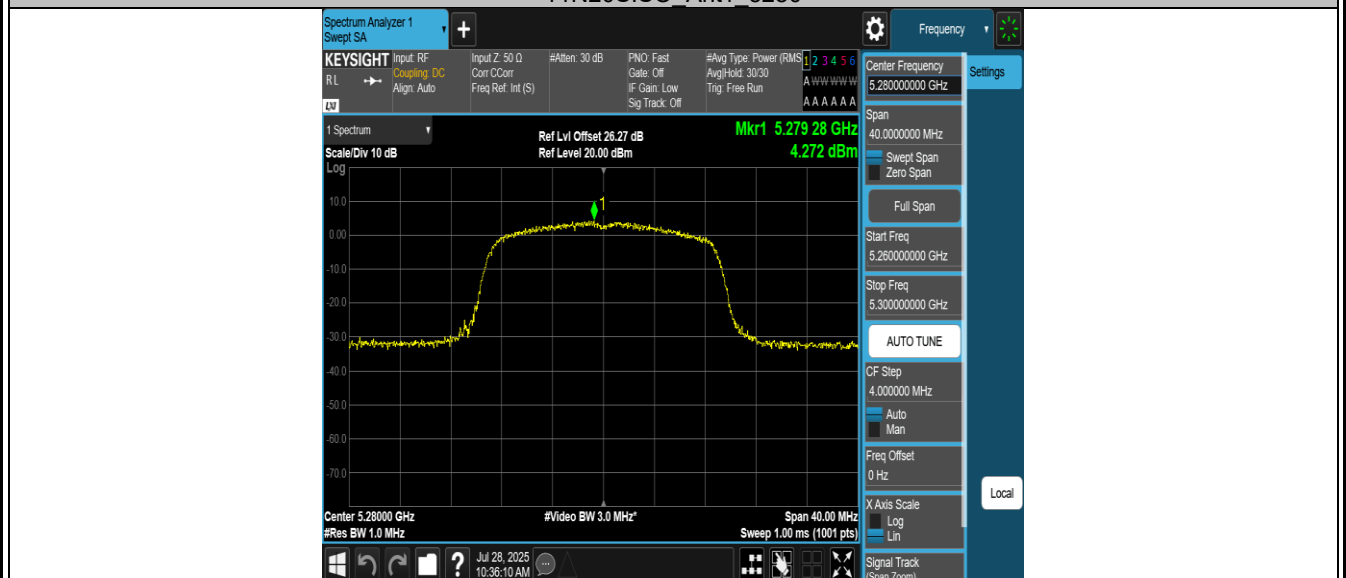




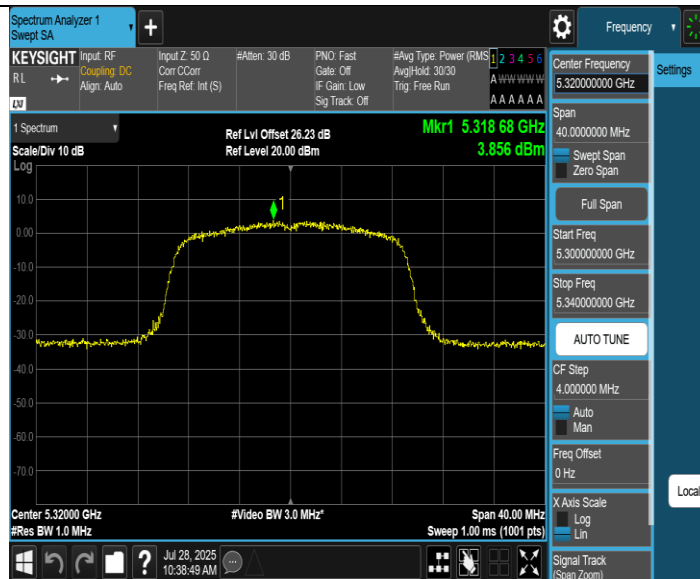
11N20SISO Ant1 5260



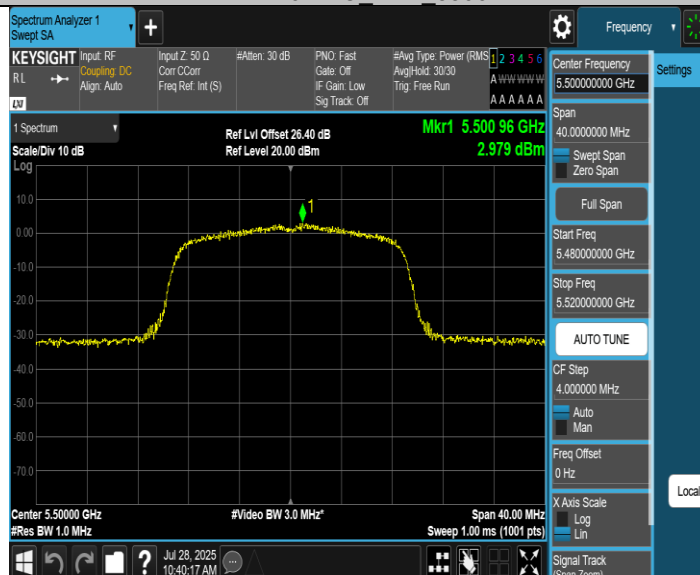
11N20SISO Ant1 5280



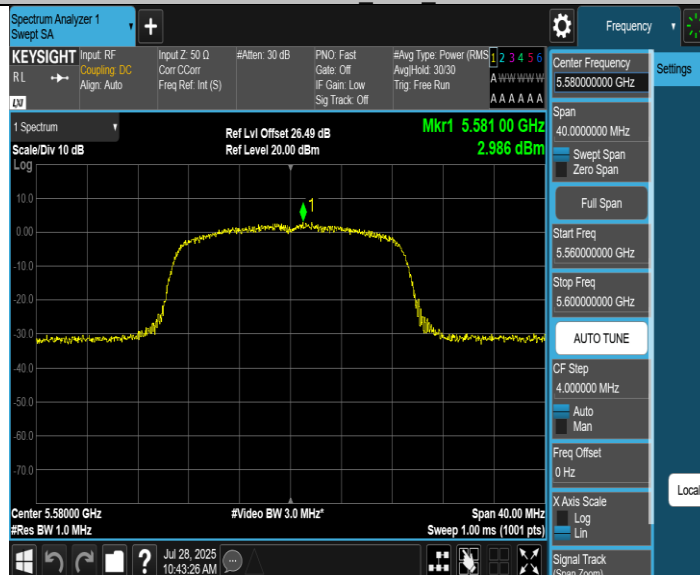
11N20SISO Ant1 5320



11N20SISO Ant1 5500

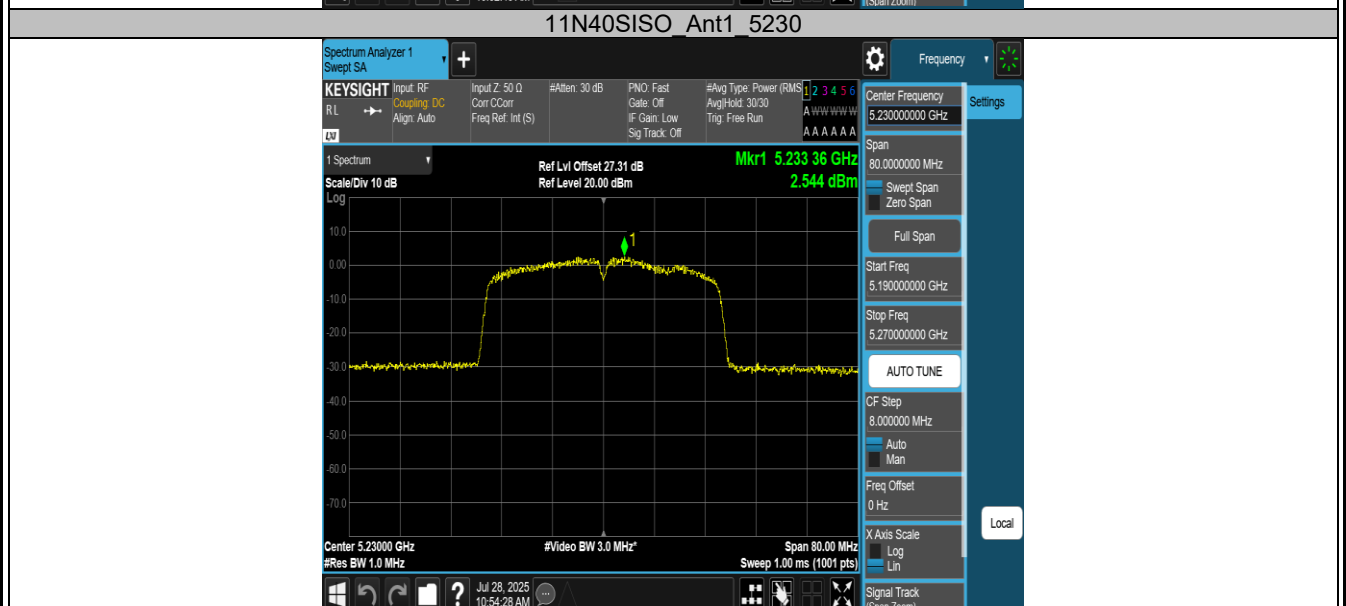
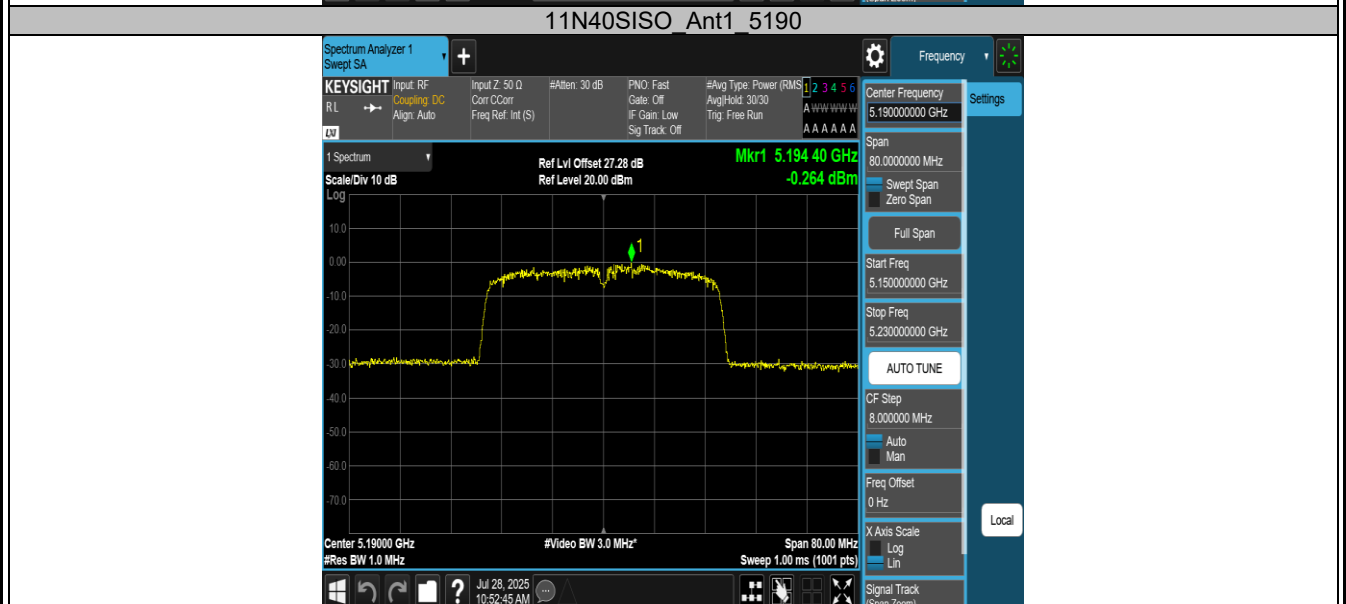
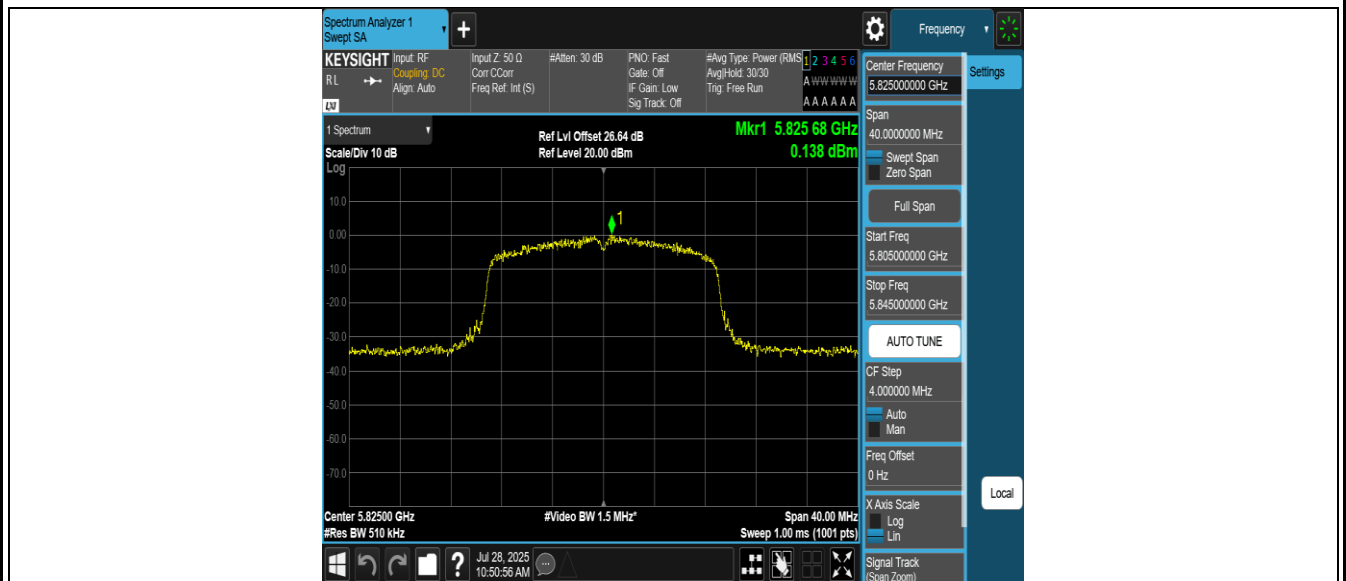


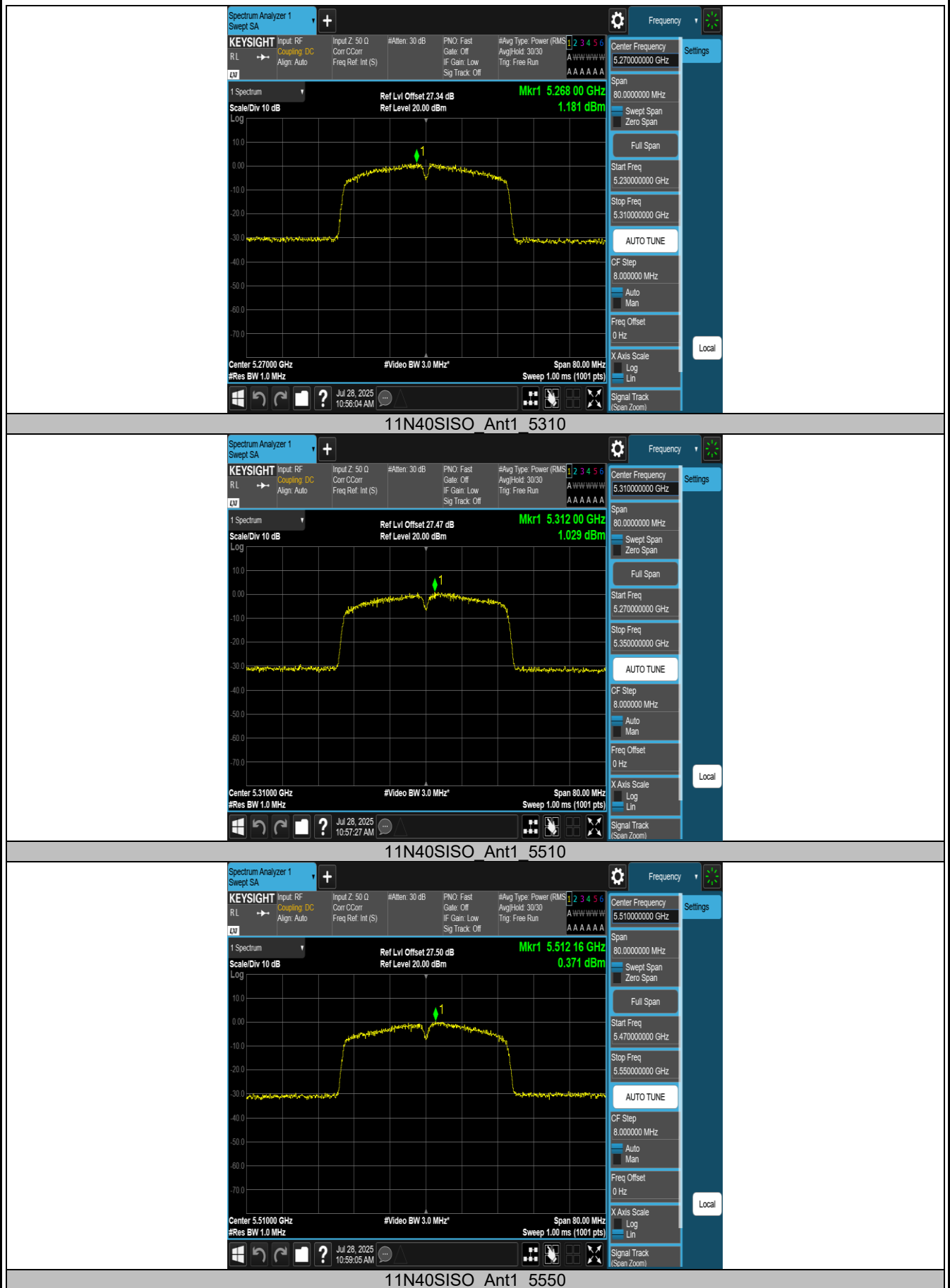
11N20SISO Ant1 5580

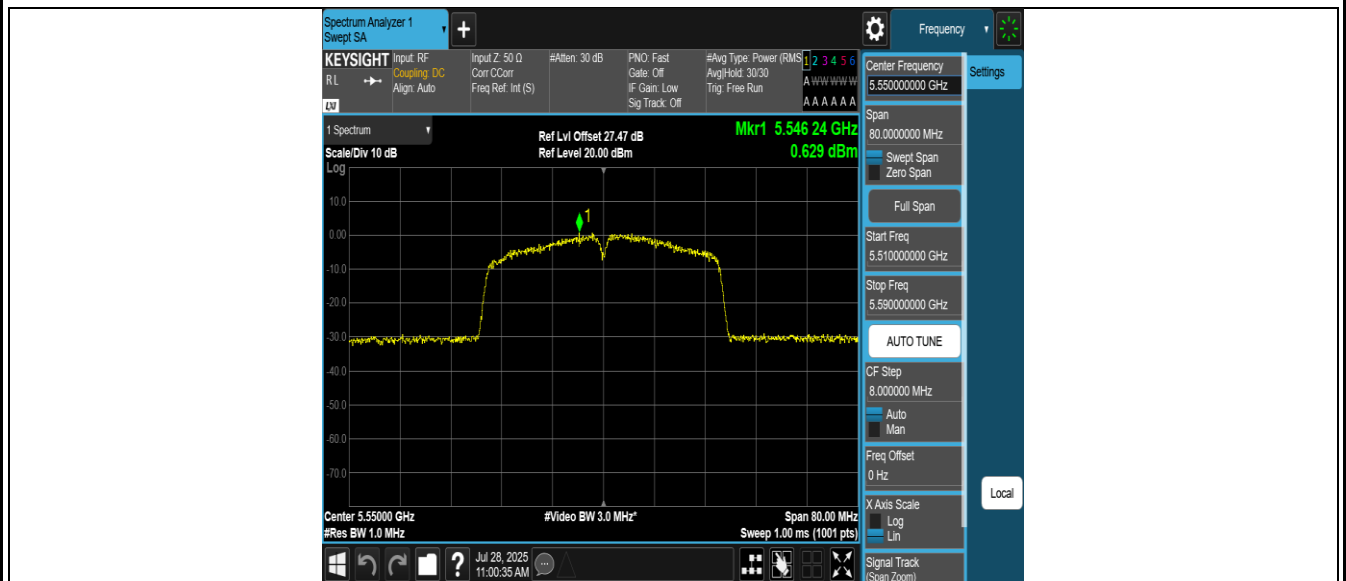


11N20SISO Ant1 5700

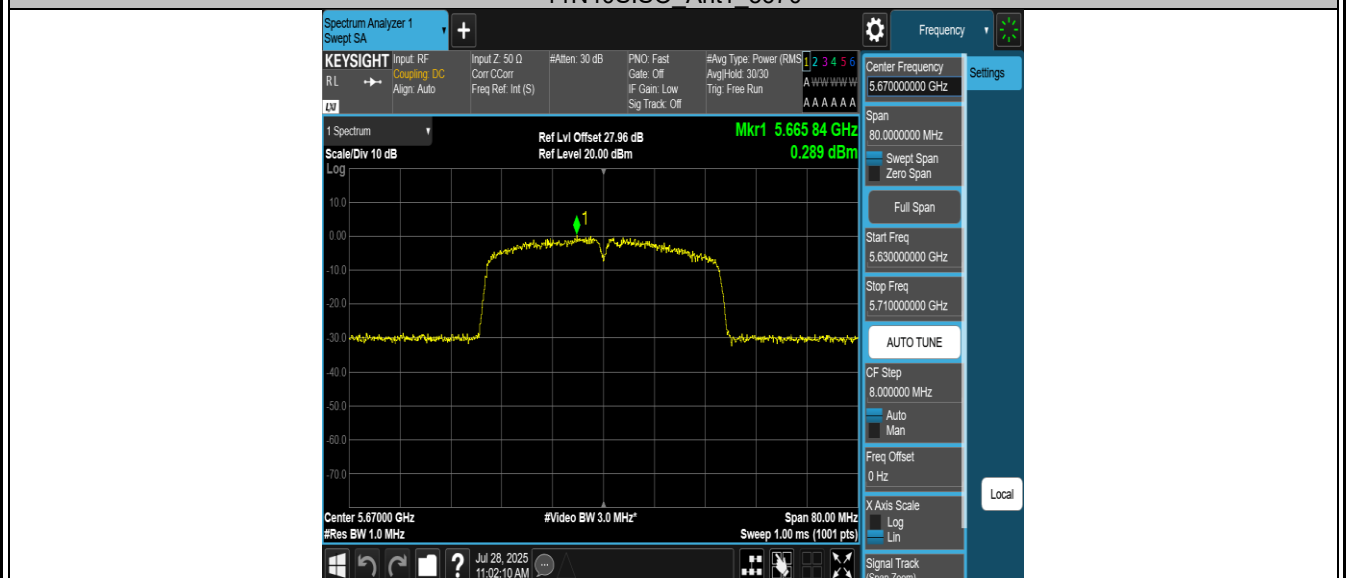




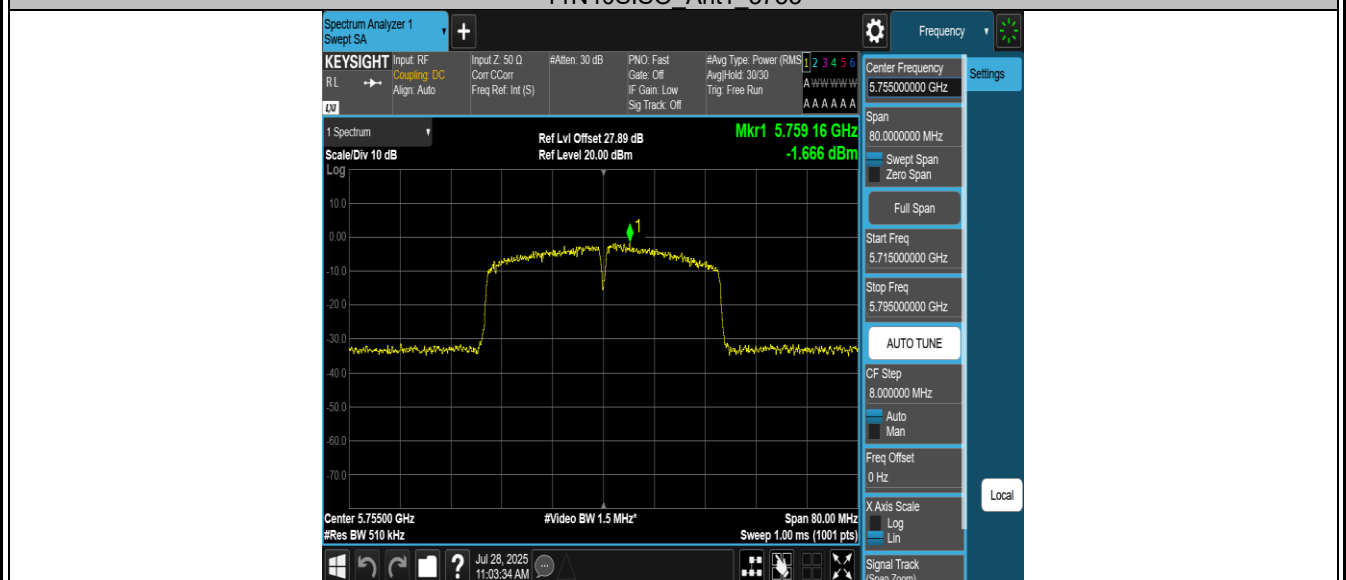




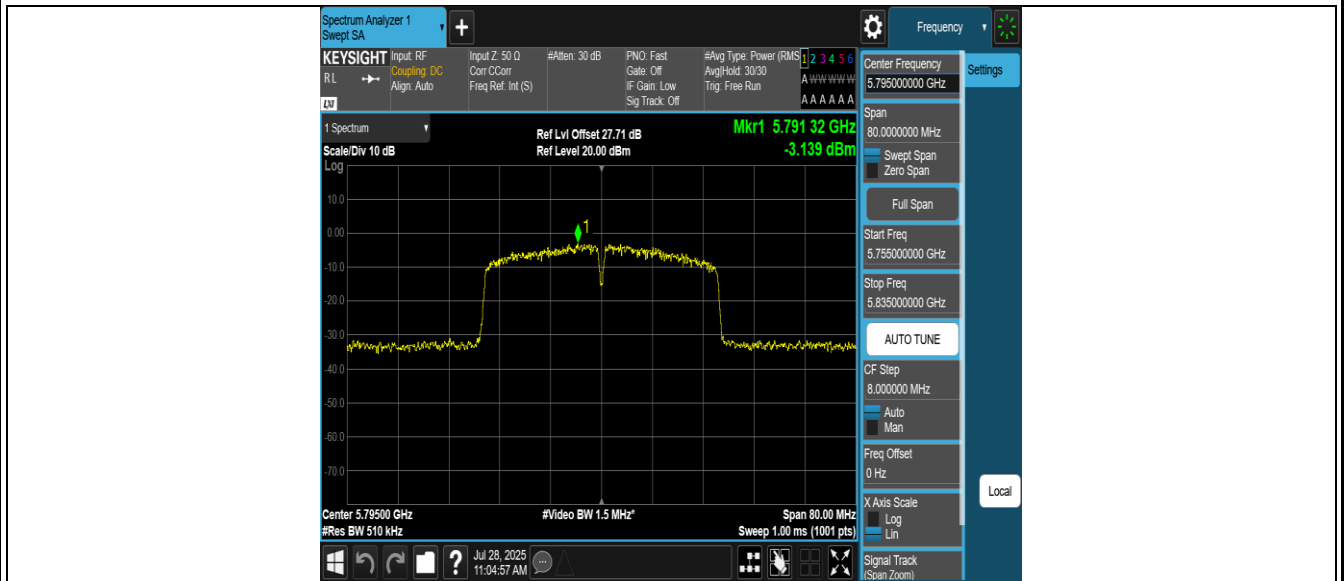
11N40SISO Ant1 5670



11N40SISO Ant1 5755



11N40SISO Ant1 5795



Appendix A.6: Test Results of Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
		5260	NV	NT	-20000.00	-3.802281	20	PASS
		5280	NV	NT	-20000.00	-3.787879	20	PASS
		5320	NV	NT	-20000.00	-3.759398	20	PASS
		5500	NV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
		5700	NV	NT	-20000.00	-3.508772	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	-20000.00	-3.433476	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SISO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
		5200	NV	0	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
		5240	NV	0	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
		5260	NV	0	-20000.00	-3.802281	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
		5280	NV	0	-20000.00	-3.787879	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
		5320	NV	0	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
		5500	NV	0	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
		5580	NV	0	-20000.00	-3.584229	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
		5700	NV	0	-20000.00	-3.508772	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS
		5745	NV	0	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
		5785	NV	0	-20000.00	-3.457217	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
		5825	NV	0	-20000.00	-3.433476	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

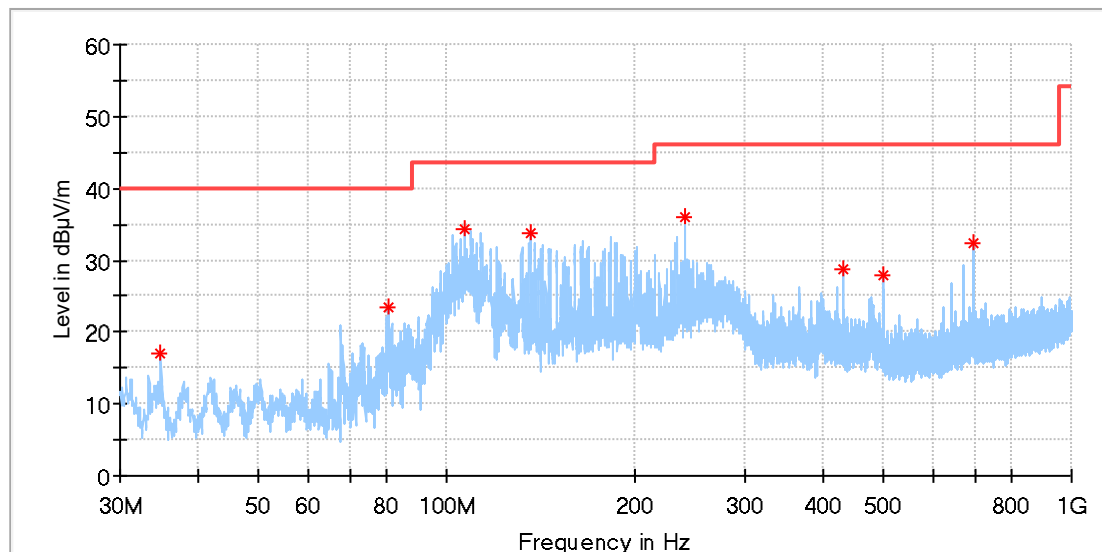
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 40GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT34R1101F
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168563539/A004035257-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

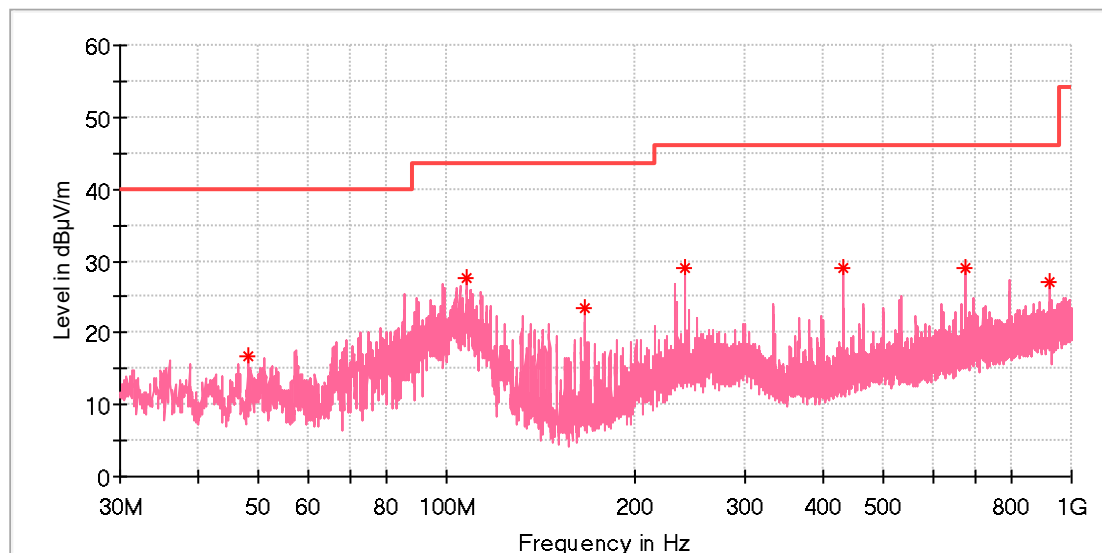
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.850000	17.14	40.00	22.86	100.0	H	276.0	-22.0
80.589231	23.55	40.00	16.45	100.0	H	202.0	-23.5
107.077692	34.20	43.50	9.30	100.0	H	162.0	-19.0
136.140385	33.90	43.50	9.60	100.0	H	341.0	-22.2
240.005000	35.95	46.00	10.05	100.0	H	227.0	-17.7
432.027692	28.73	46.00	17.27	100.0	H	21.0	-13.1
498.883077	28.02	46.00	17.98	100.0	H	218.0	-11.9
697.285385	32.24	46.00	13.76	100.0	H	202.0	-8.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: WIFI+BT Module
Model: DT34R1101F
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168563539/A004035257-002
Test Voltage: DC 3.3V
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.982308	16.86	40.00	23.14	100.0	V	353.0	-18.5
107.488077	27.58	43.50	15.92	100.0	V	239.0	-19.1
166.285000	23.31	43.50	20.19	100.0	V	263.0	-21.5
240.005000	29.01	46.00	16.99	100.0	V	288.0	-17.7
432.027692	29.03	46.00	16.97	100.0	V	288.0	-13.1
674.229231	29.06	46.00	16.94	100.0	V	144.0	-8.4
921.541923	26.95	46.00	19.05	100.0	V	191.0	-4.6

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

