

Appendix E: Band edge measurements

Test Result

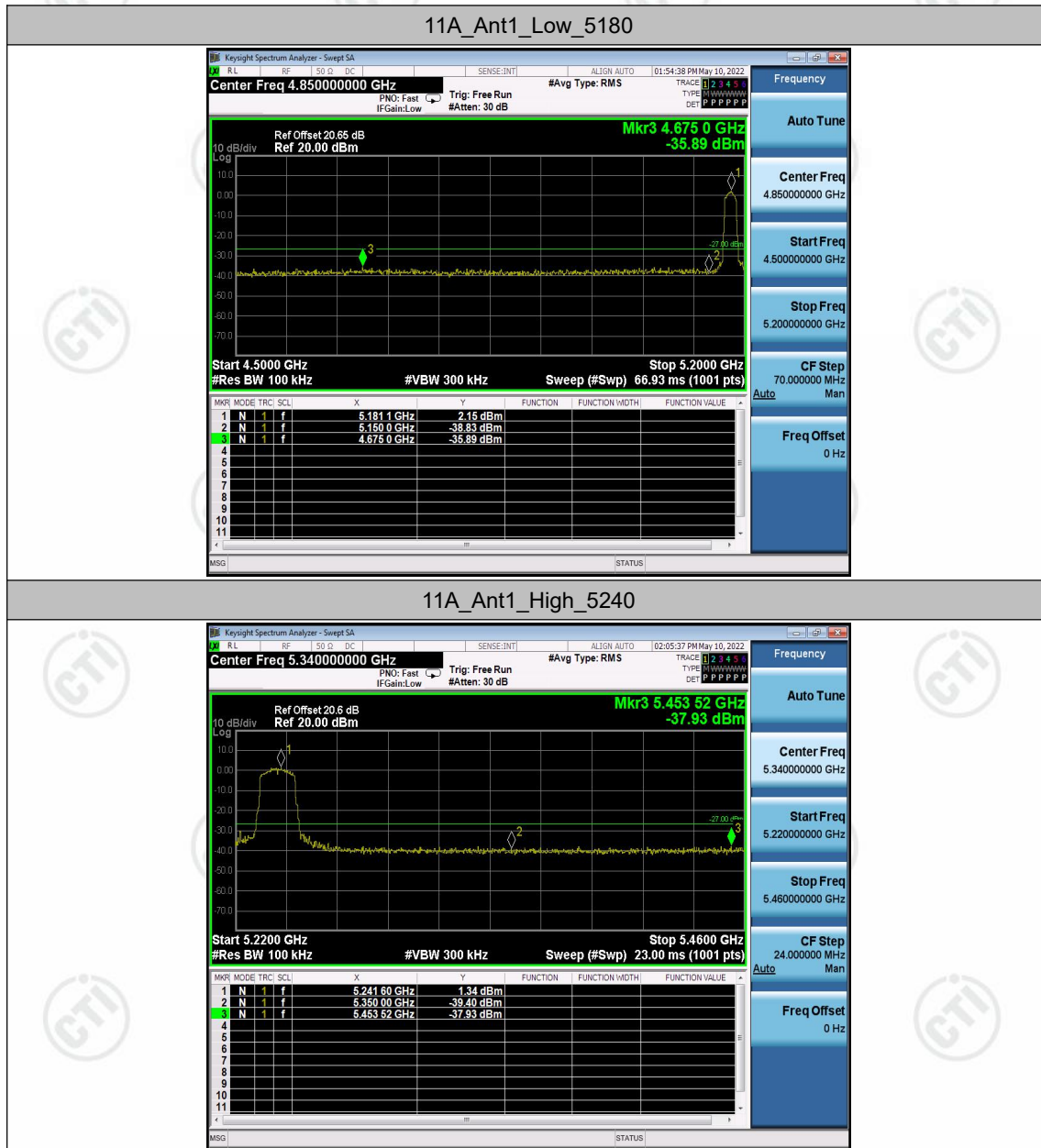
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.89	≤-27	PASS
		High	5240	-37.93	≤-27	PASS
			5320	-36.5	≤-27	PASS
		Low	5500	-37.29	≤-27	PASS
		High	5700	-37.34	≤-27	PASS
11N20SISO	Ant1	Low	5180	-35.64	≤-27	PASS
		High	5240	-37.35	≤-27	PASS
			5320	-37.74	≤-27	PASS
		Low	5500	-37.12	≤-27	PASS
		High	5700	-36.53	≤-27	PASS
11N40SISO	Ant1	Low	5190	-34.86	≤-27	PASS
		High	5230	-37.51	≤-27	PASS
			5310	-35.6	≤-27	PASS
		Low	5510	-36.49	≤-27	PASS
		High	5670	-37.23	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-35.36	≤-27	PASS
		High	5240	-37.66	≤-27	PASS
			5320	-37.19	≤-27	PASS
		Low	5500	-36.44	≤-27	PASS
		High	5700	-34.63	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-36.06	≤-27	PASS
		High	5230	-37.7	≤-27	PASS
			5310	-34.99	≤-27	PASS
		Low	5510	-37.61	≤-27	PASS
		High	5670	-36.95	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-34.79	≤-27	PASS
		High	5210	-37.12	≤-27	PASS
			5290	-34.63	≤-27	PASS
		Low	5530	-35.87	≤-27	PASS
		High	5610	-37.92	≤-27	PASS

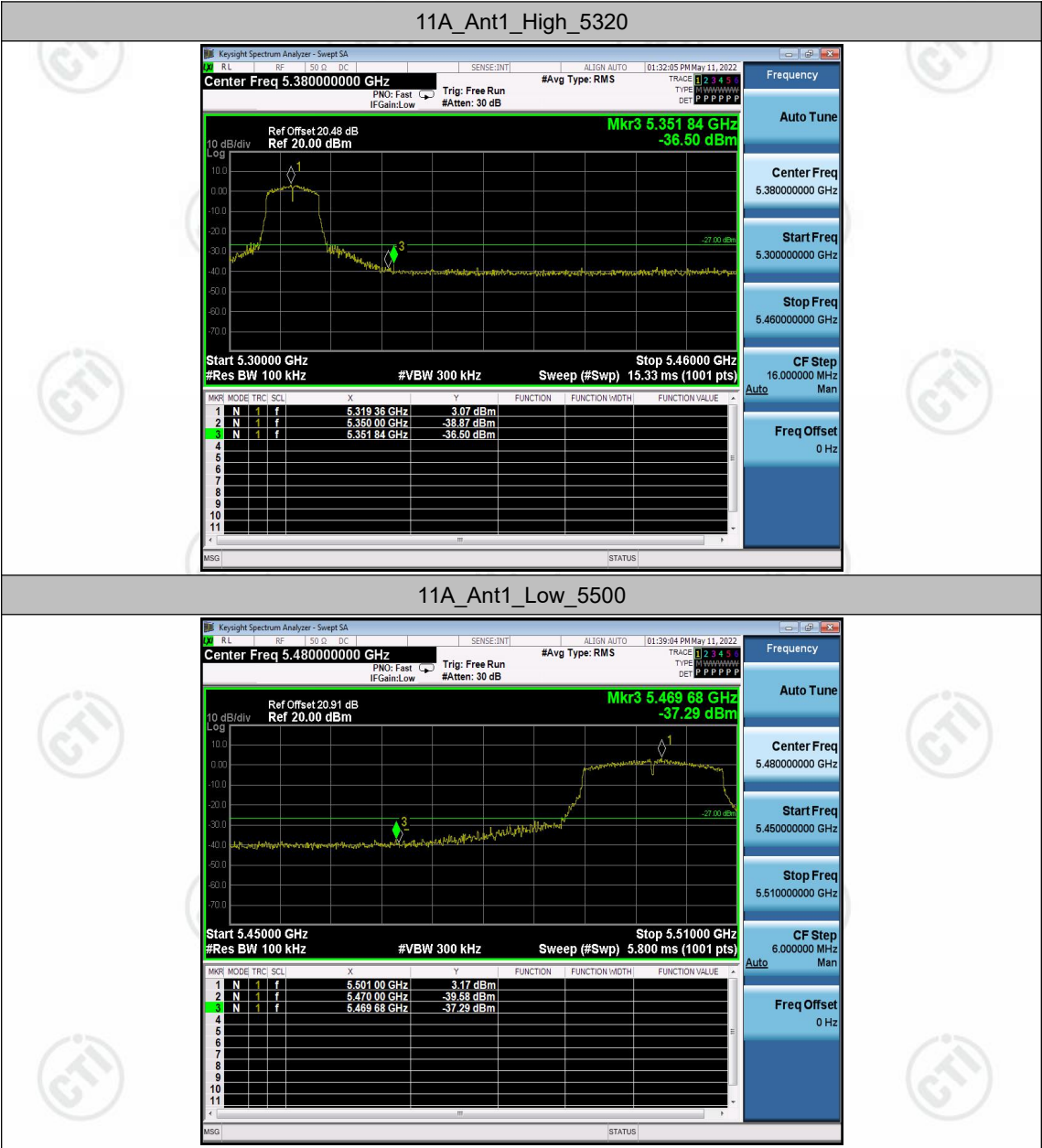
Test Result

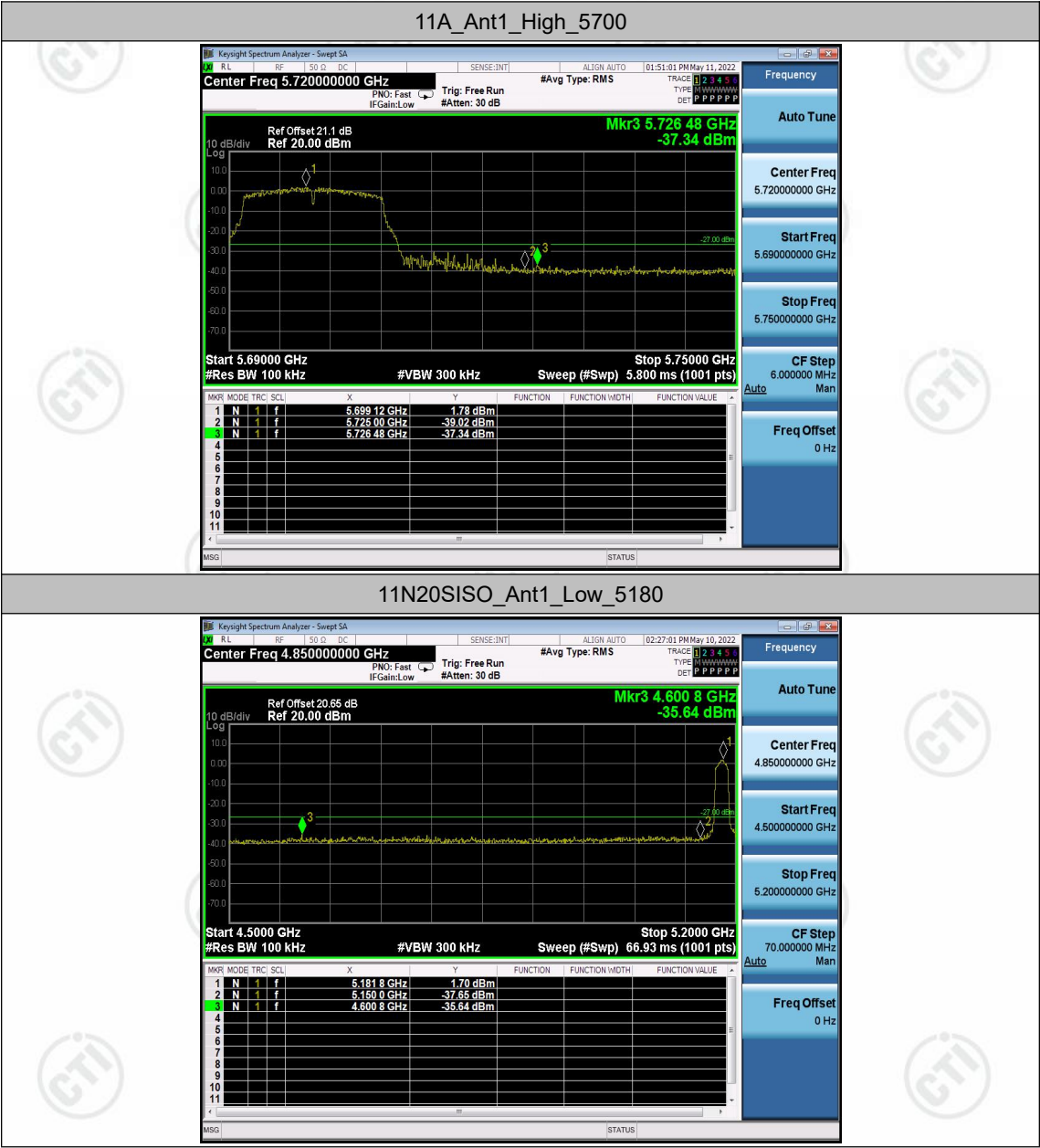
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-36.74	≤-12.32	PASS
				5700~5720	-36.45	≤14.76	PASS
				5720~5725	-37.16	≤20.80	PASS
				5760~5650	-37.2	≤-27	PASS
		High	5825	5850~5855	-37	≤21.33	PASS
				5855~5875	-35.95	≤15.20	PASS
				5875~5925	-34.69	≤-10.77	PASS
				5925~5935	-35.76	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-35.77	≤-4.49	PASS
				5700~5720	-37.08	≤12.73	PASS
				5720~5725	-37.25	≤26.04	PASS
				5760~5650	-37.92	≤-27	PASS
		High	5825	5850~5855	-37.11	≤21.64	PASS
				5855~5875	-35.36	≤14.18	PASS
				5875~5925	-35.56	≤-14.87	PASS
				5925~5935	-36.35	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-36.55	≤-26.80	PASS
				5700~5720	-36.2	≤14.90	PASS
				5720~5725	-36.24	≤25.89	PASS
				5780~5650	-38.13	≤-27	PASS
		High	5795	5850~5855	-36.12	≤19.42	PASS
				5855~5875	-35.91	≤13.46	PASS
				5875~5925	-35.77	≤-26.68	PASS
				5925~5935	-36.26	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-35.96	≤5.89	PASS
				5700~5720	-37.43	≤13.92	PASS
				5720~5725	-36.75	≤22.63	PASS
				5760~5650	-37.13	≤-27	PASS
		High	5825	5850~5855	-37.25	≤26.57	PASS
				5855~5875	-35.53	≤10.02	PASS
				5875~5925	-35.92	≤-5.58	PASS
				5925~5935	-35.87	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-37.2	≤-25.41	PASS
				5700~5720	-35.99	≤11.84	PASS
				5720~5725	-36.67	≤22.51	PASS
				5780~5650	-37.34	≤-27	PASS

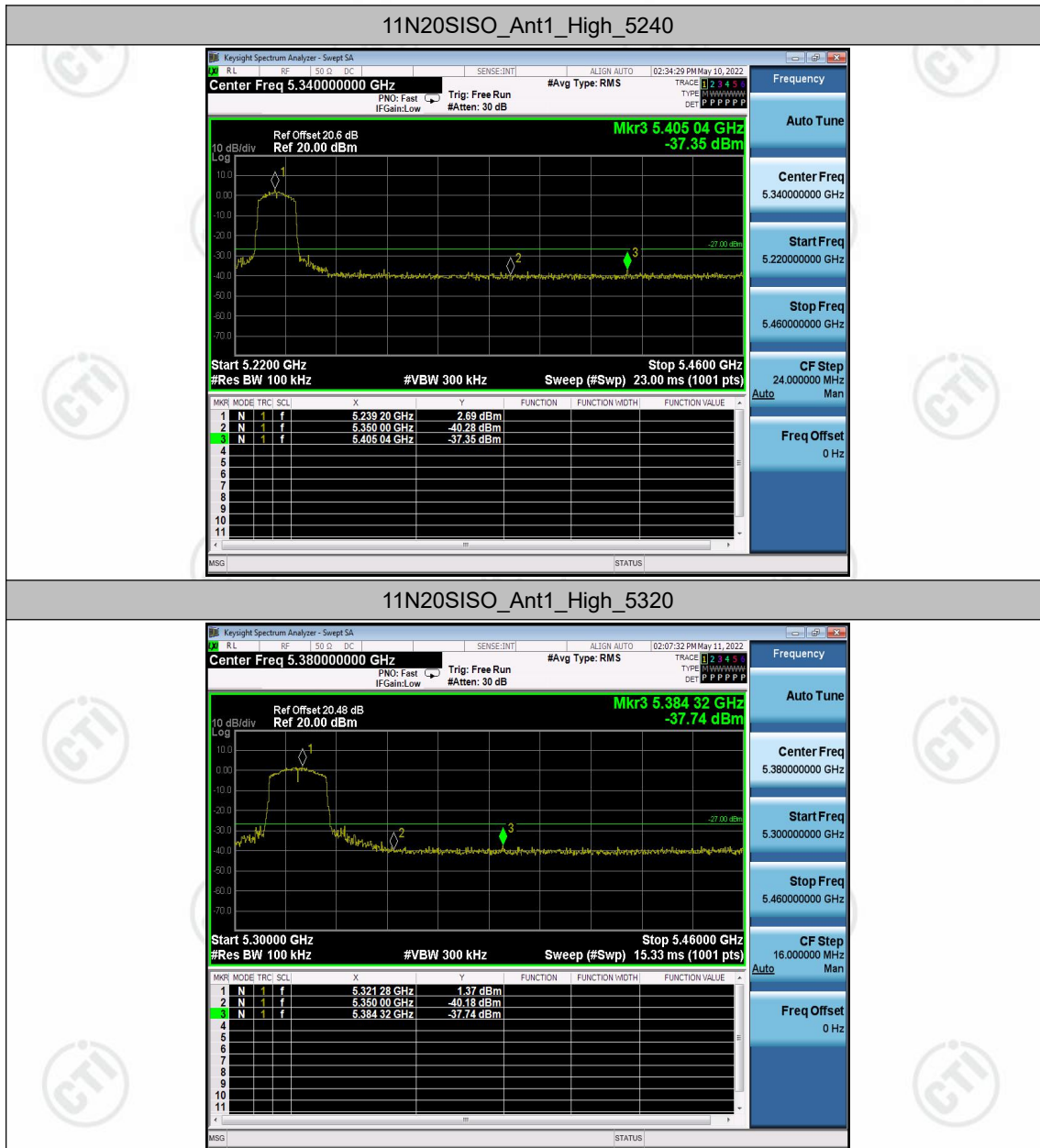
		High	5795	5850~5855	-36.65	≤25.06	PASS
				5855~5875	-35.92	≤13.37	PASS
				5875~5925	-35.42	≤-3.60	PASS
				5925~5935	-37.24	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-36.32	≤-20.72	PASS
				5700~5720	-35.59	≤13.57	PASS
				5720~5725	-36.68	≤19.18	PASS
				5800~5650	-37.35	≤-27	PASS
	High	5775		5850~5855	-36.86	≤17.06	PASS
				5855~5875	-36.35	≤15.56	PASS
				5875~5925	-36.44	≤-13.40	PASS
				5925~5935	-36.99	≤-27	PASS

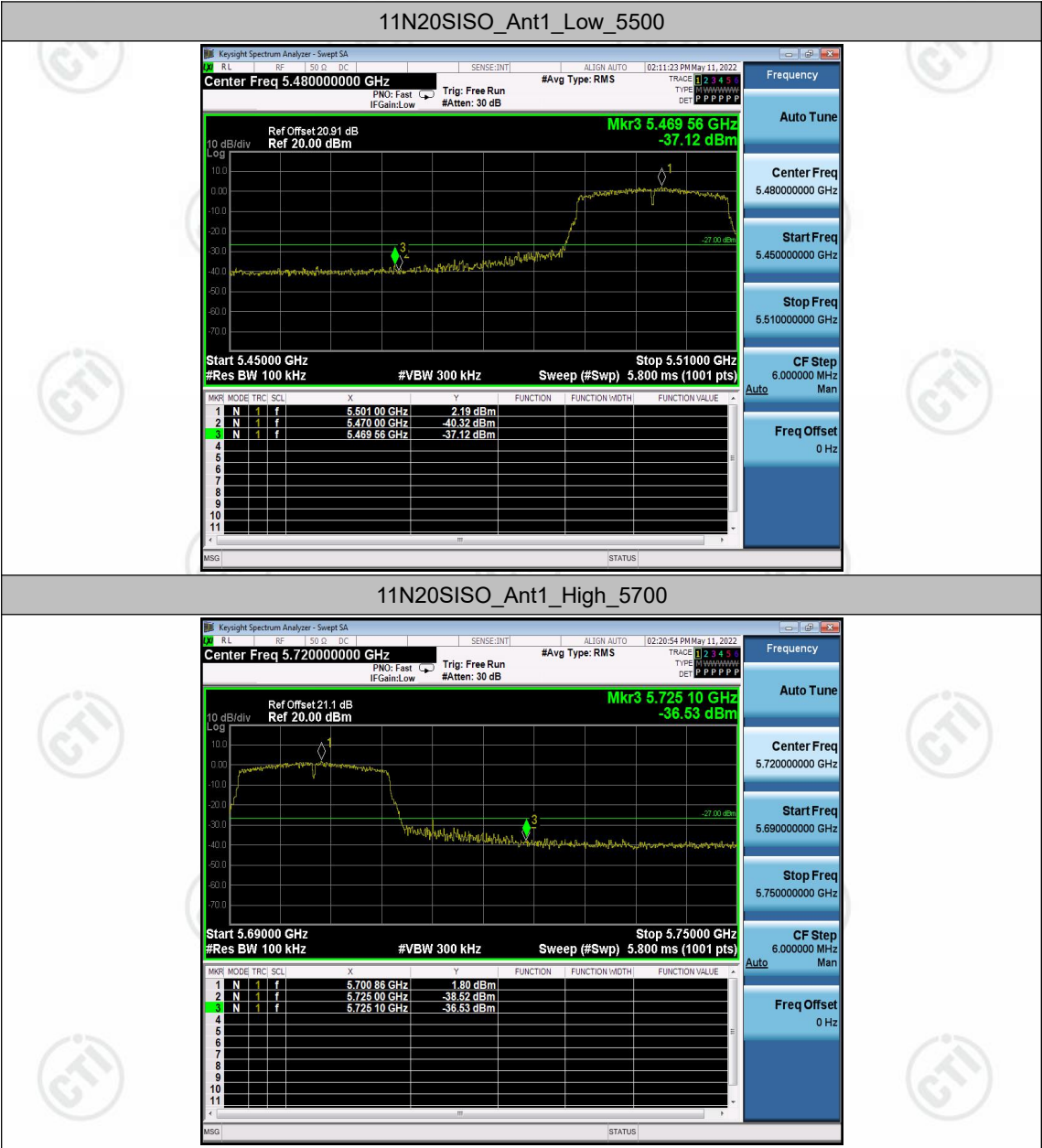
Test Graphs

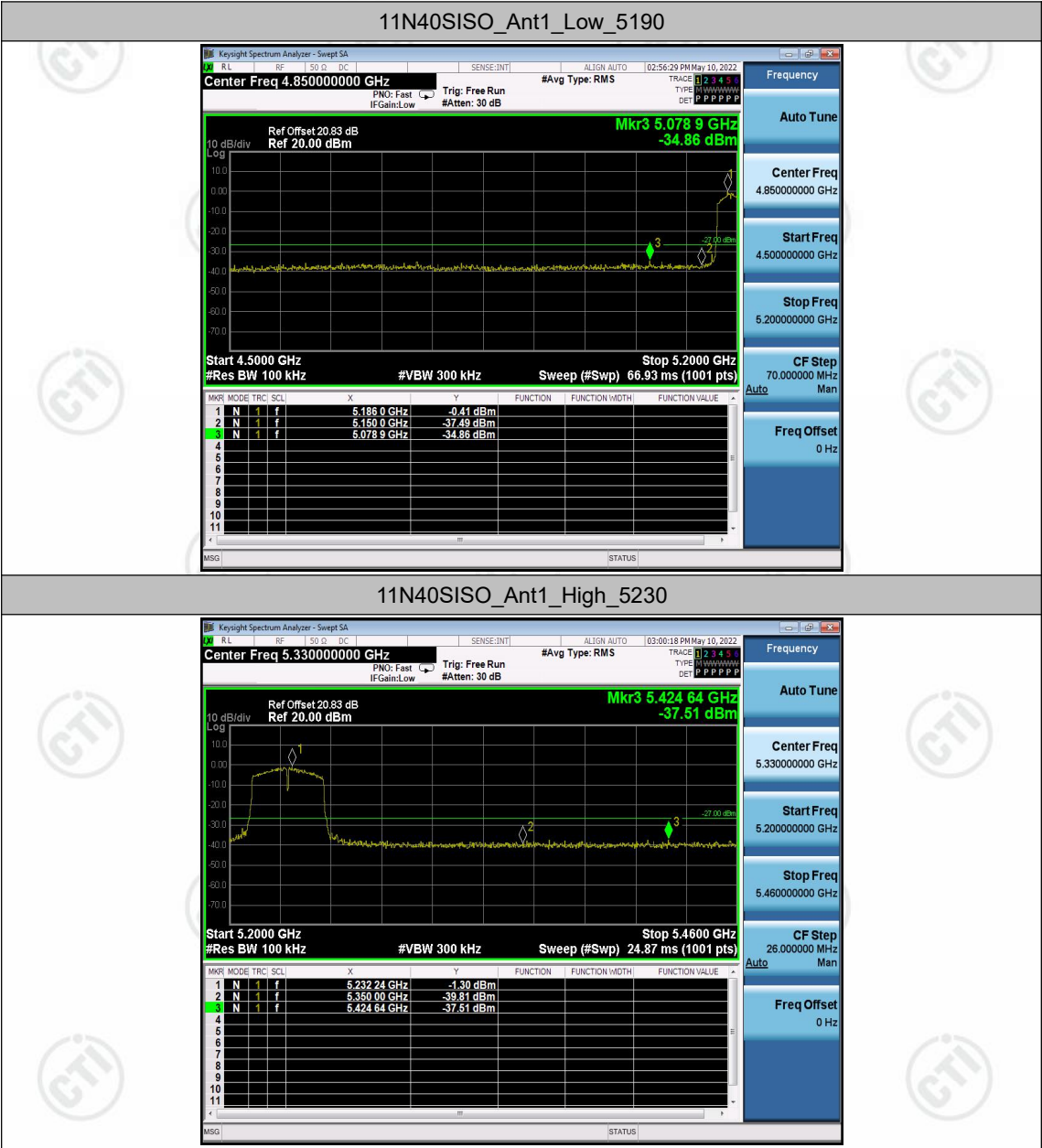


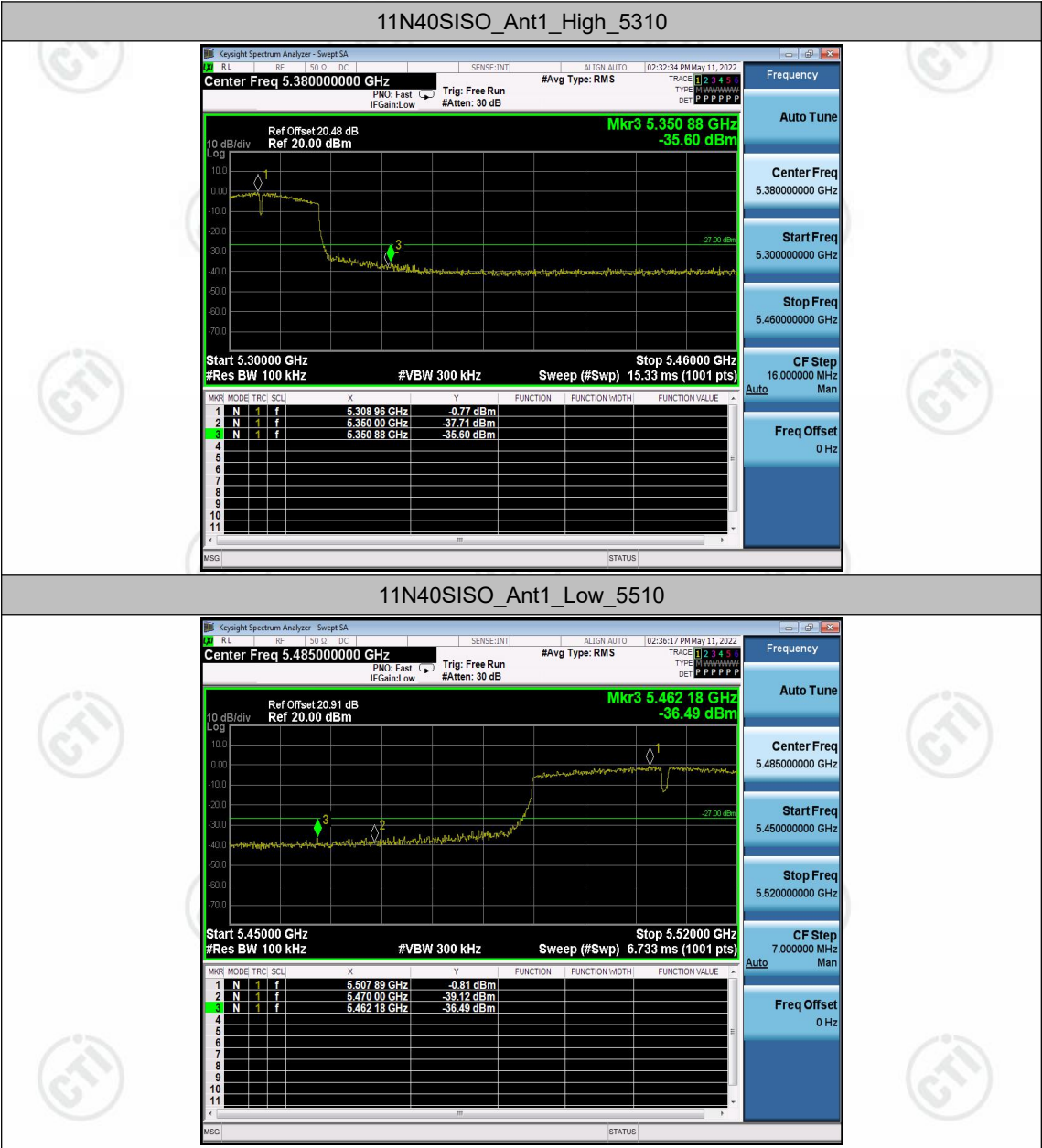


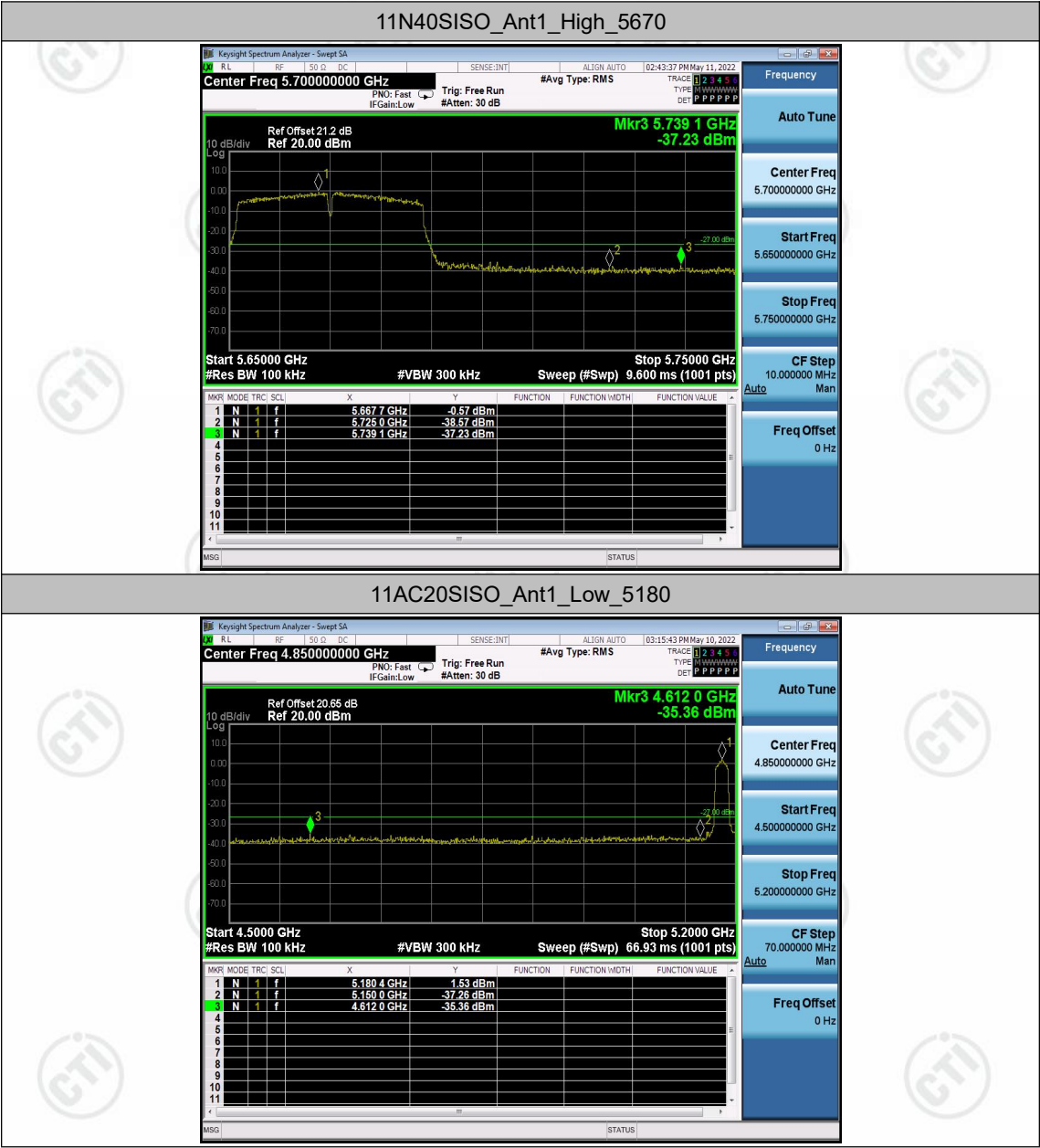


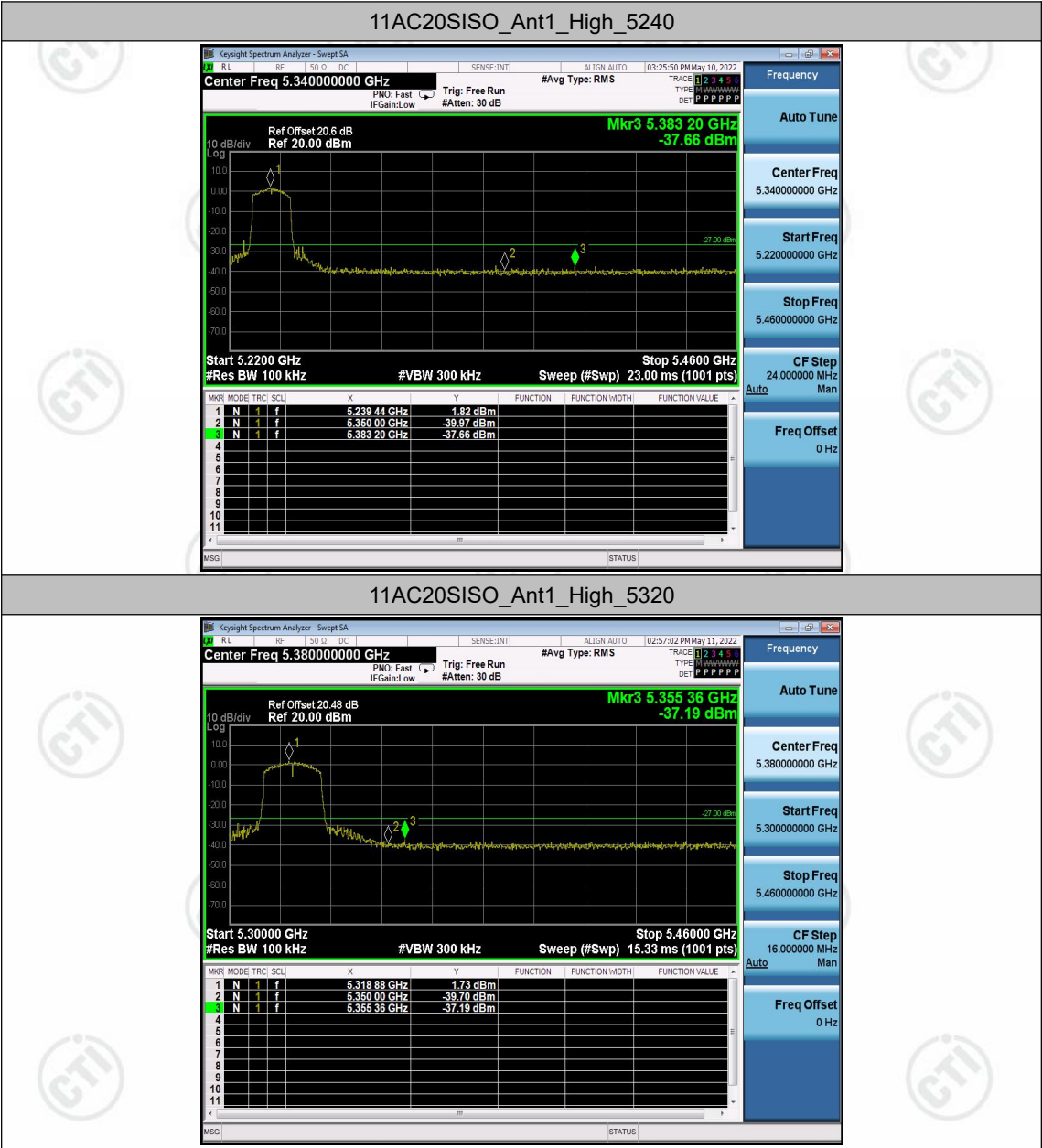


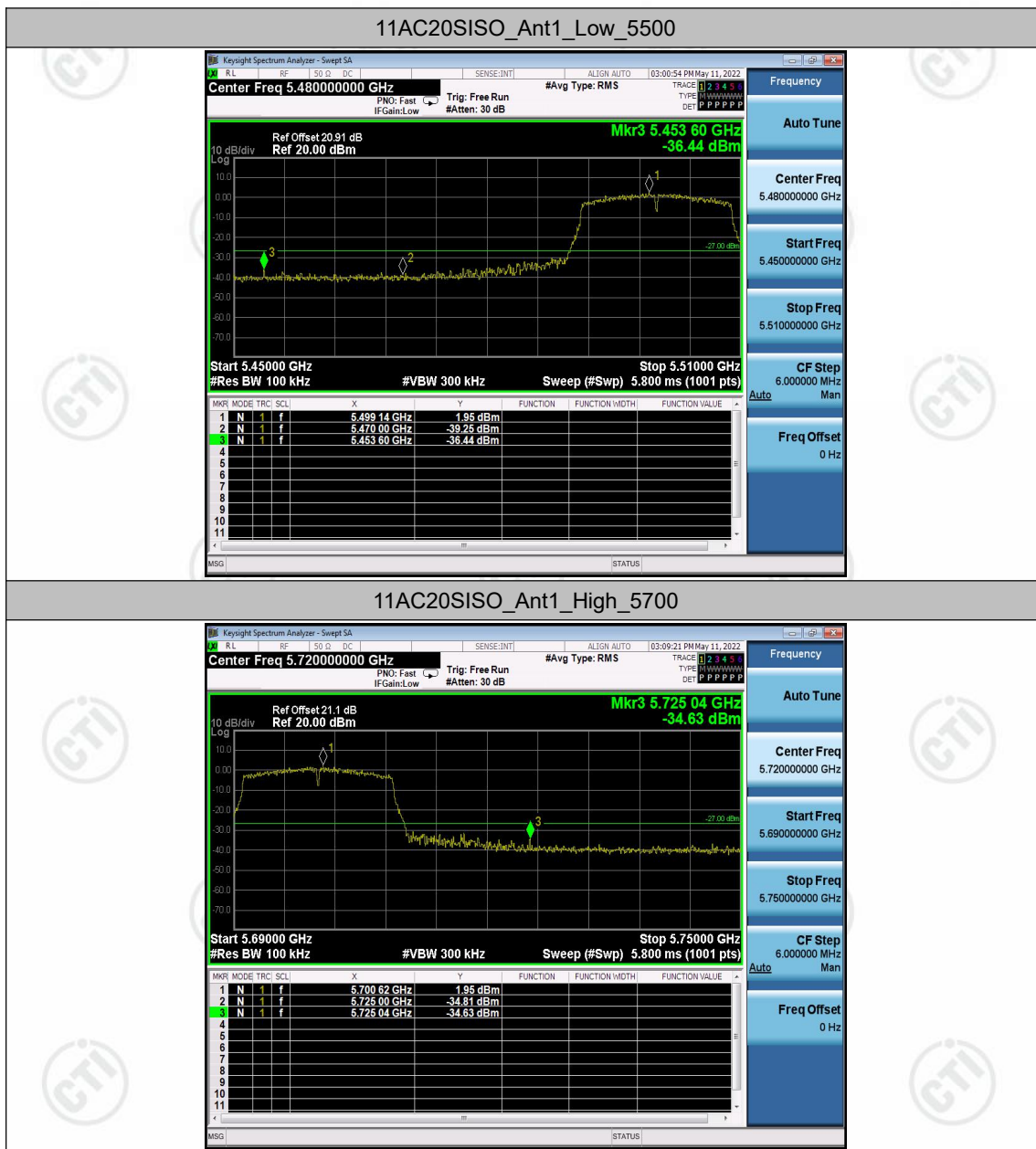


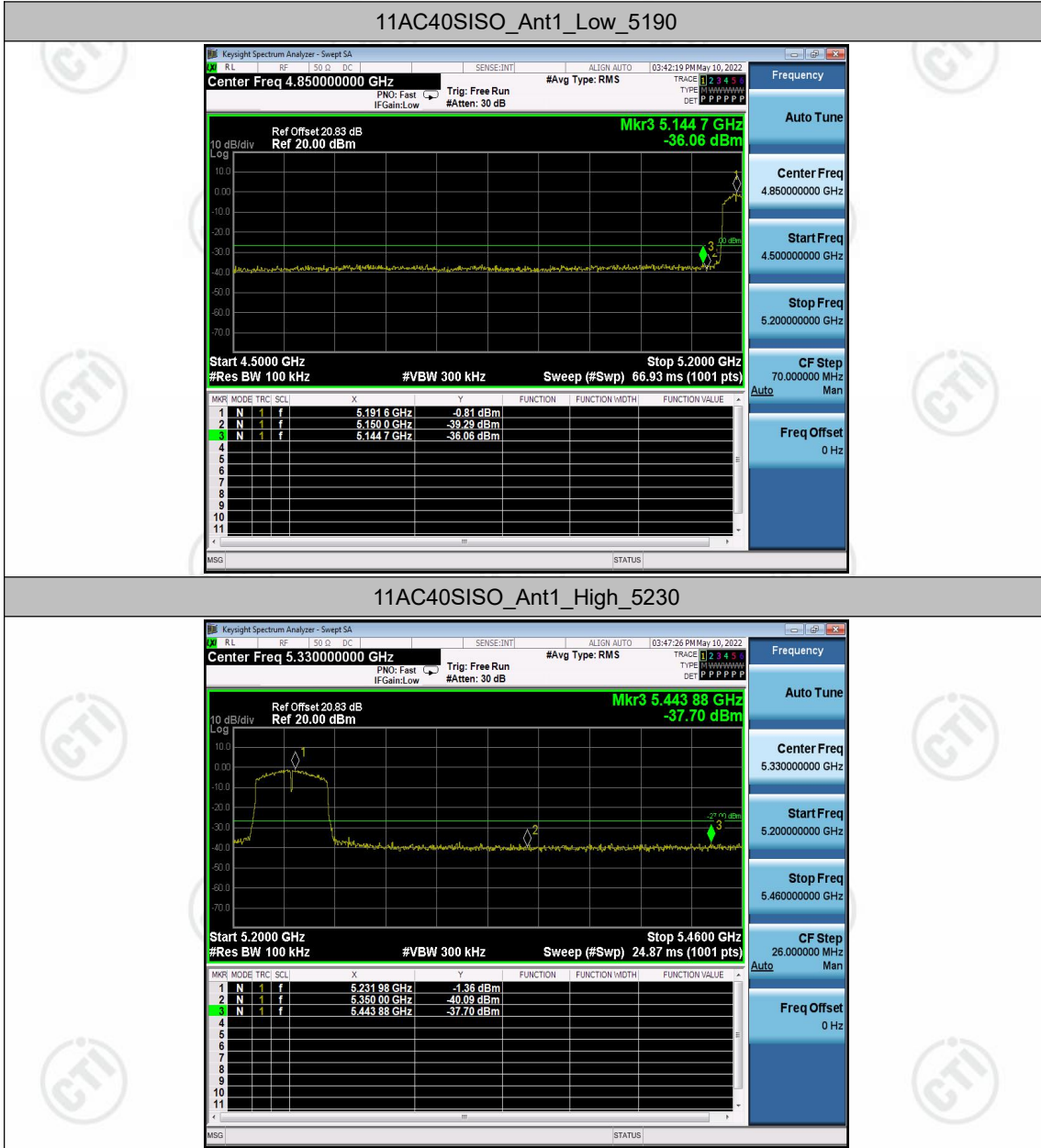


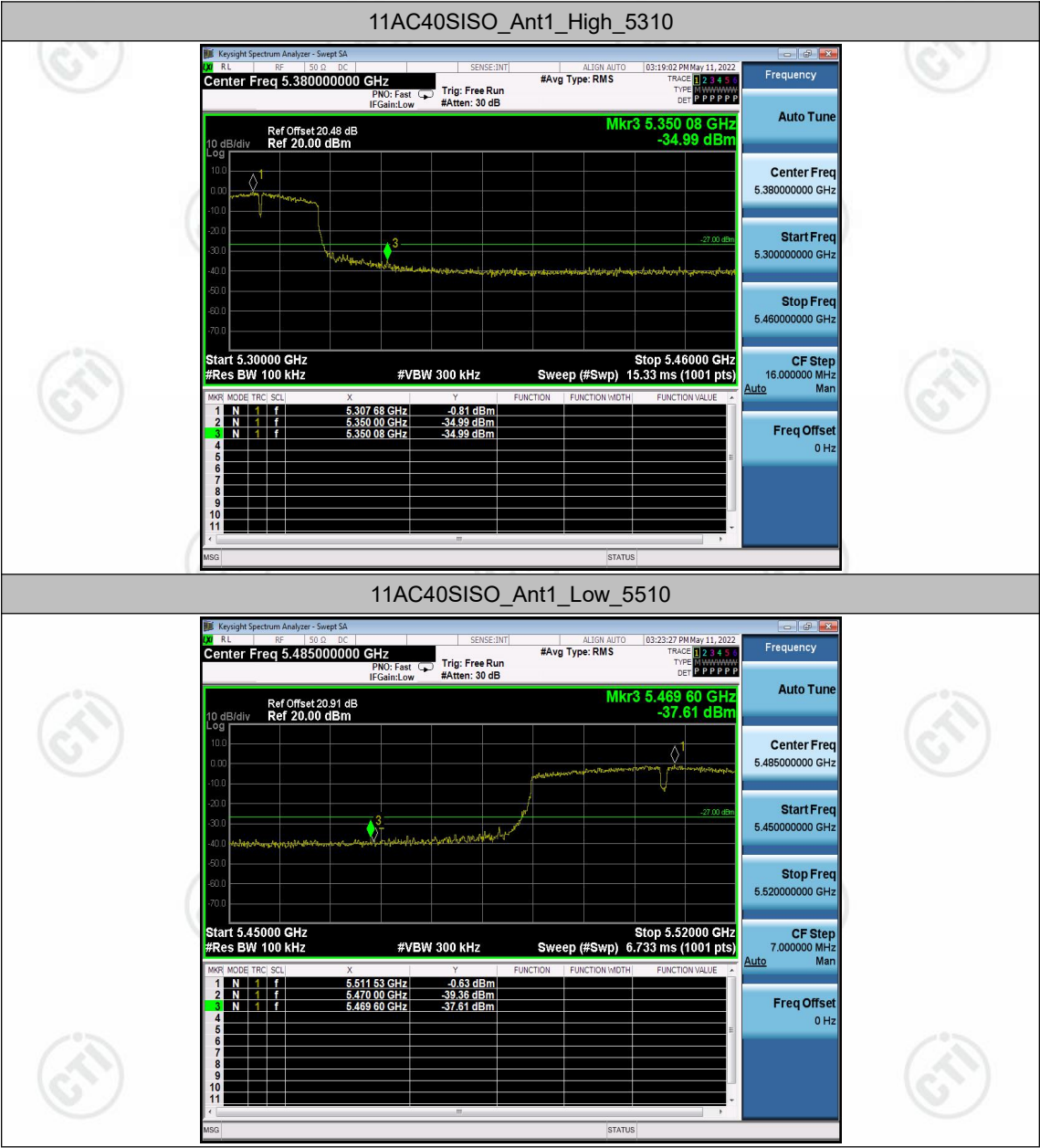












11AC40SISO_Ant1_Low_5510

Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.485000000 GHz

Ref Offset 20.91 dB

Ref 20.00 dBm

10 dB/div

Log

Start 5.45000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep (#Swp) 6.733 ms (1001 pts)

Mkr3 5.469 60 GHz

-37.61 dBm

27.00 dBm

MSG

STATUS

Frequency

Auto Tune

Center Freq

5.485000000 GHz

Start Freq

5.450000000 GHz

Stop Freq

5.520000000 GHz

CF Step

7.000000 MHz

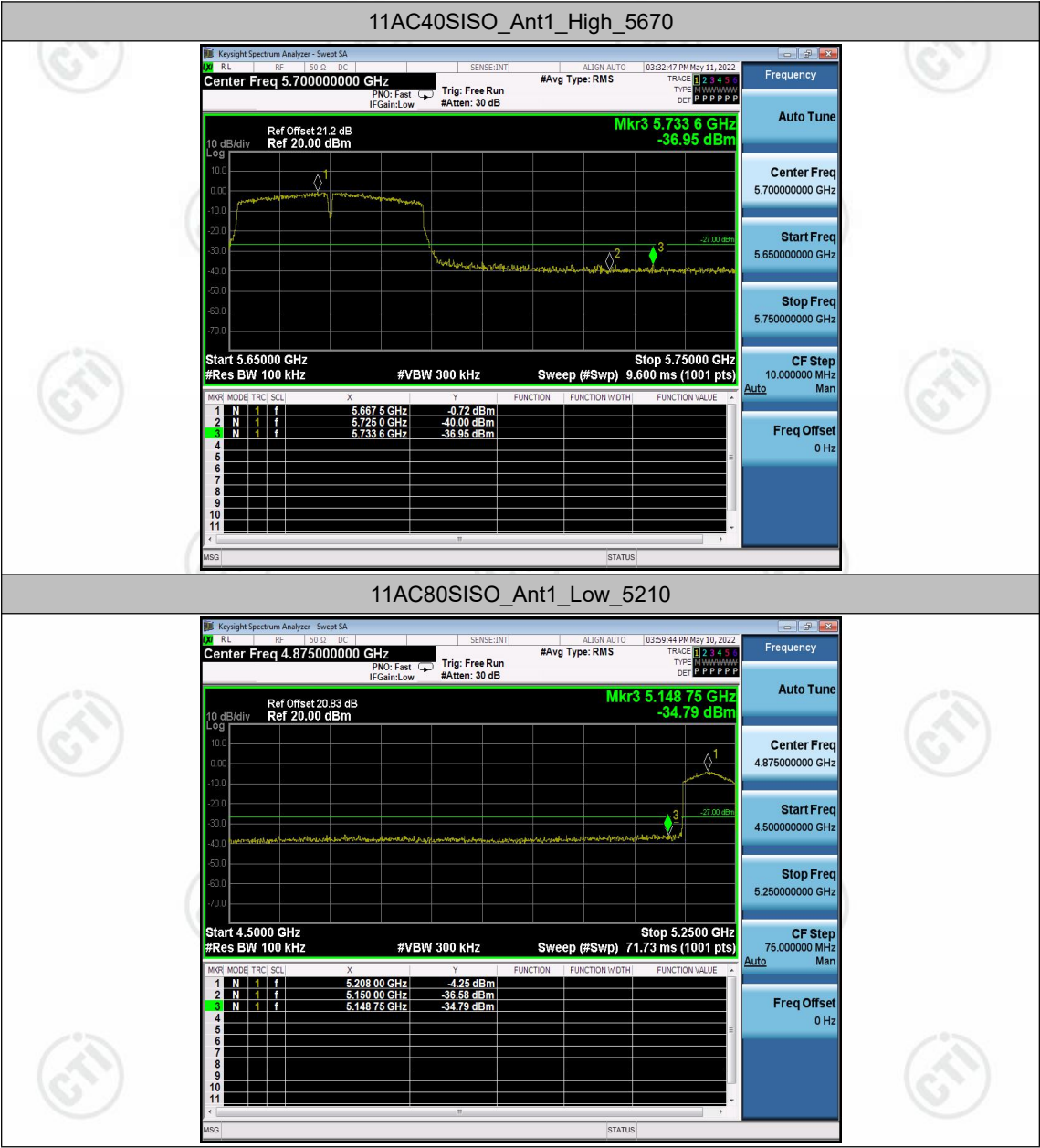
Auto

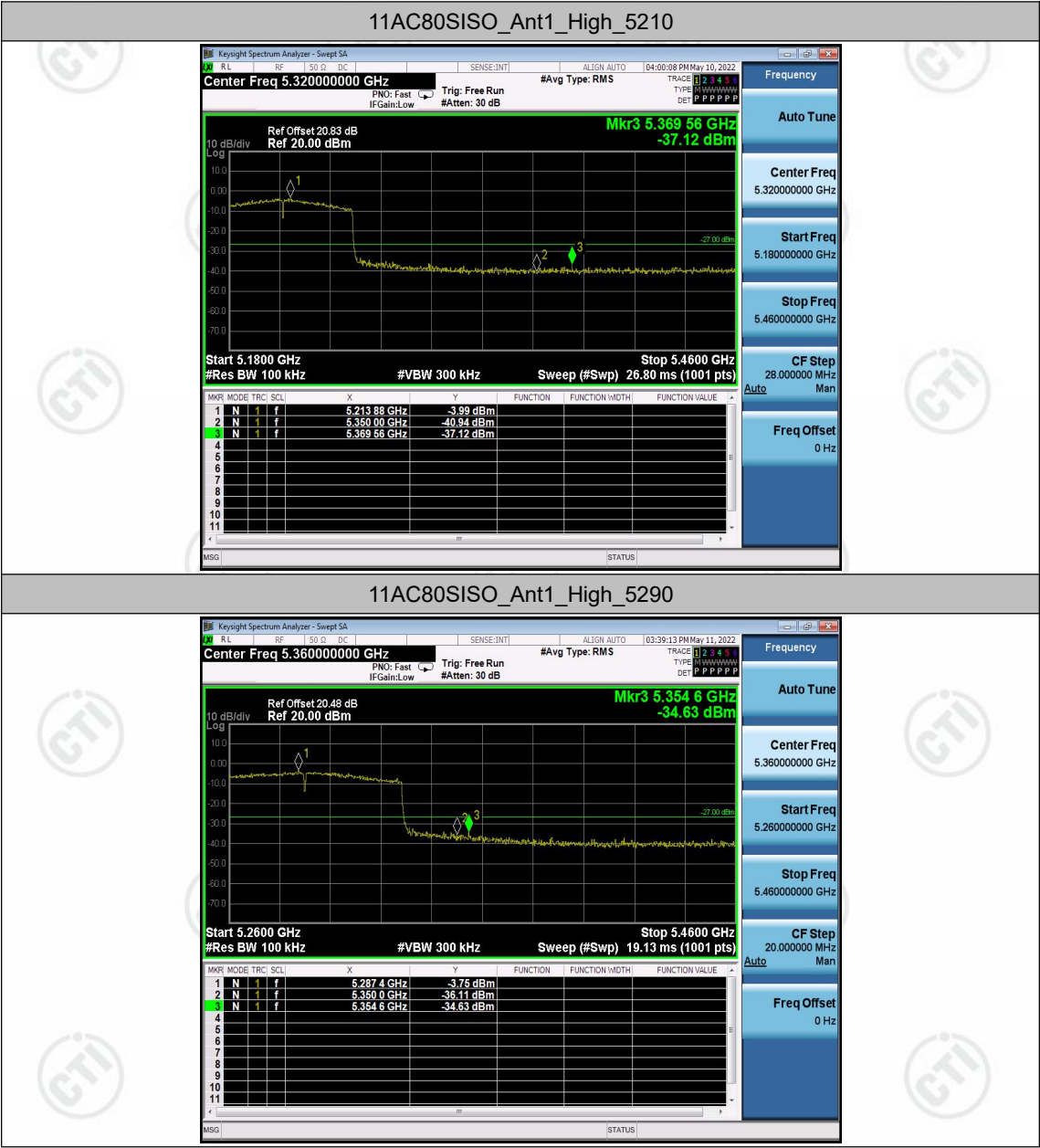
Man

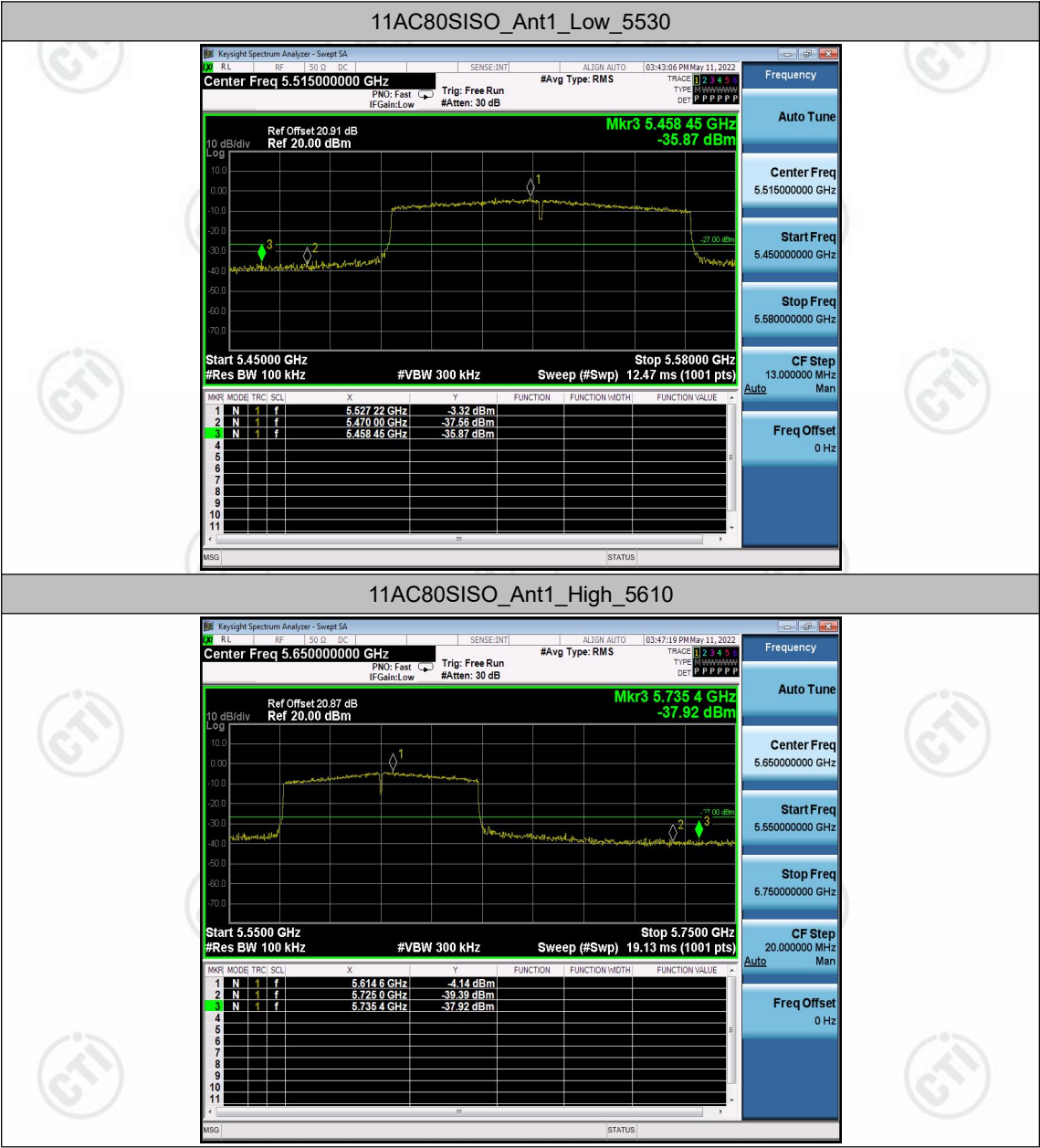
Freq Offset

0 Hz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.511 53 GHz	-0.63 dBm			
2	N	1	f	5.470 00 GHz	-39.36 dBm			
3	N	1	f	5.469 60 GHz	-37.61 dBm			
4								
5								
6								
7								
8								
9								
10								
11								







Test Graphs

