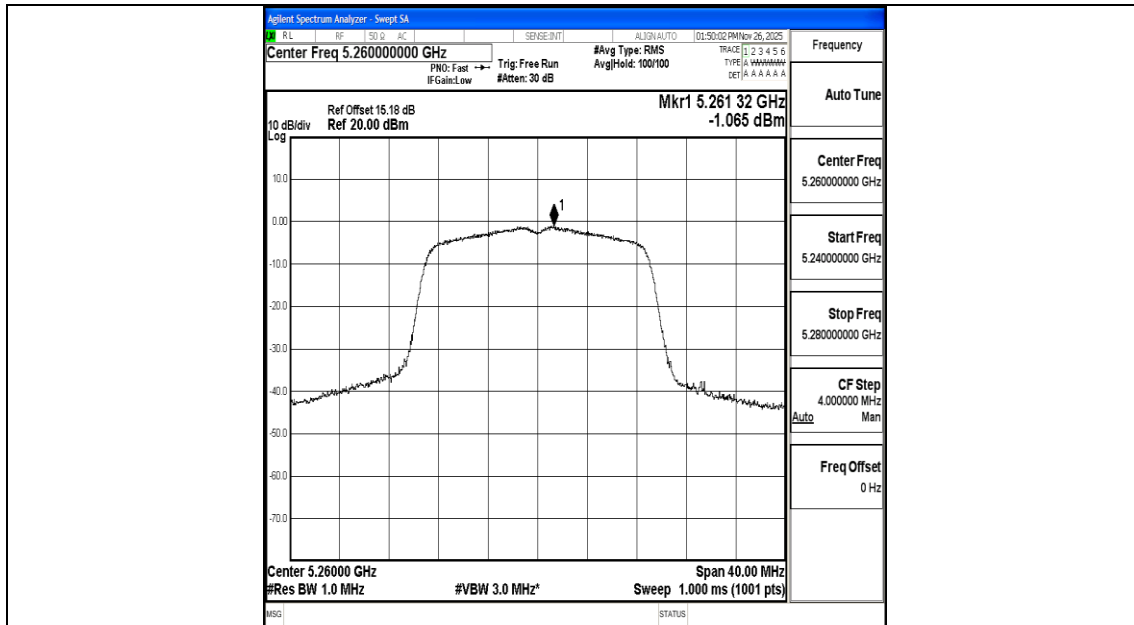
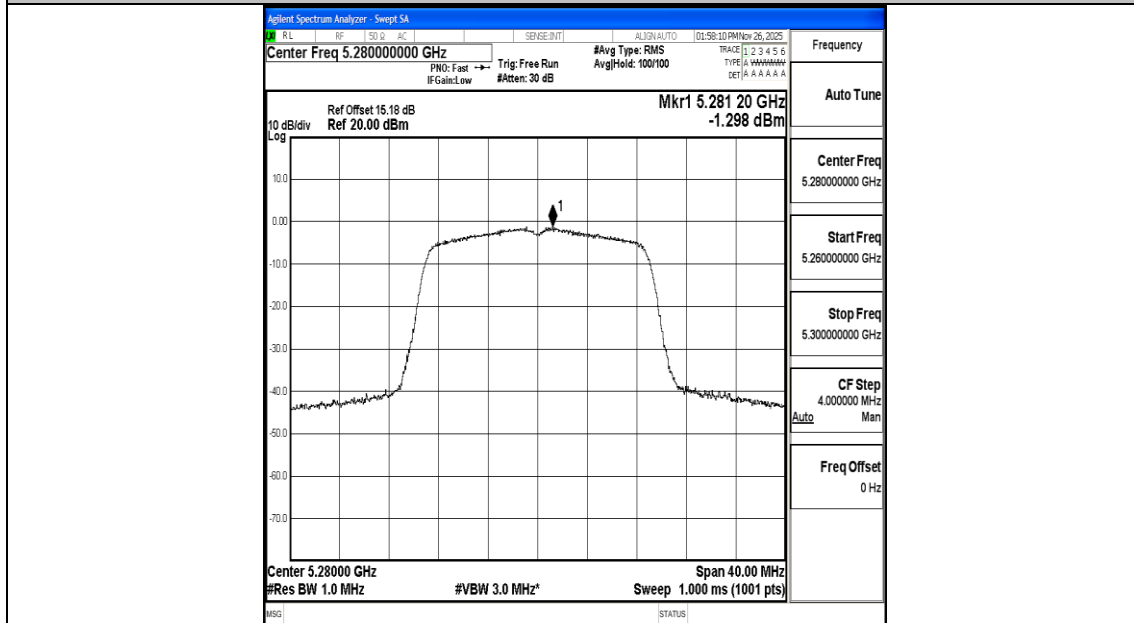
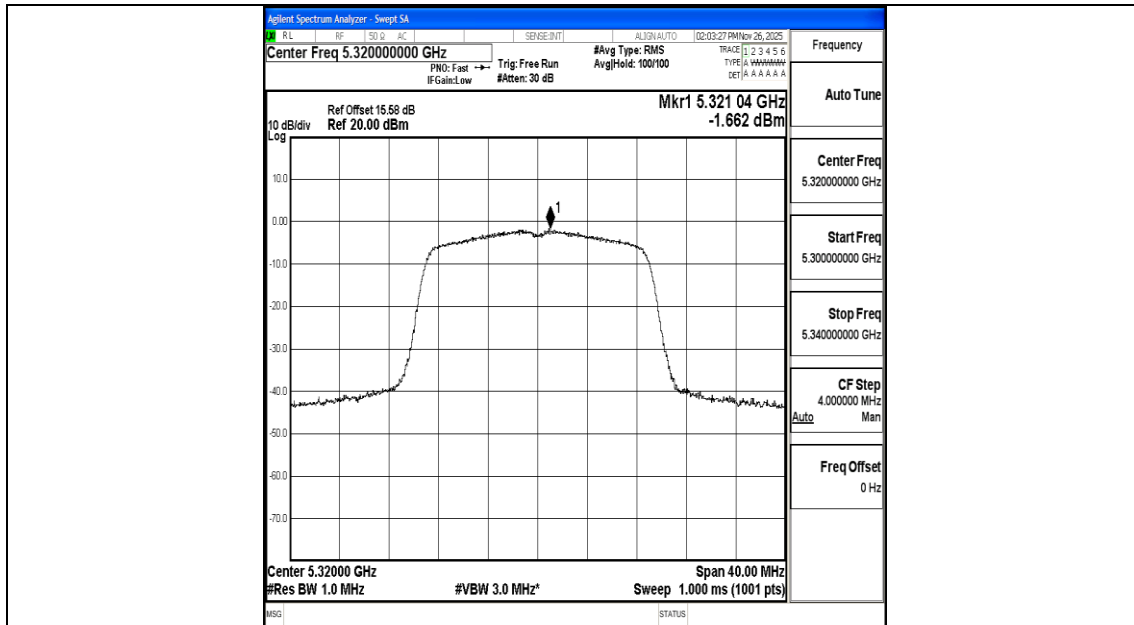




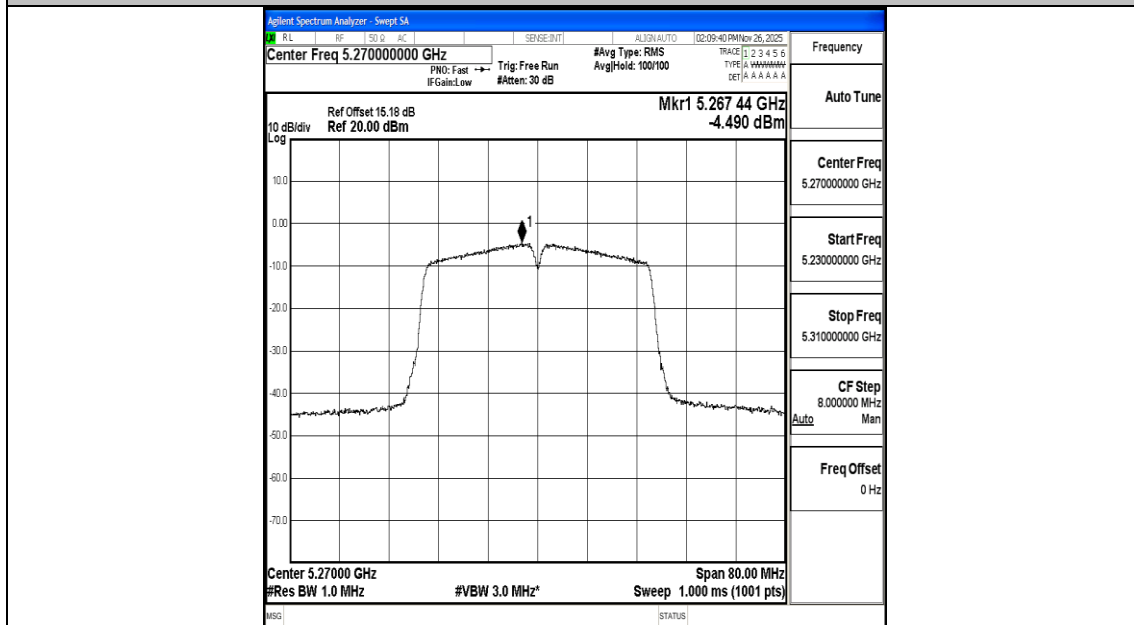
11AC20SISO-Ant1-5260-PASS



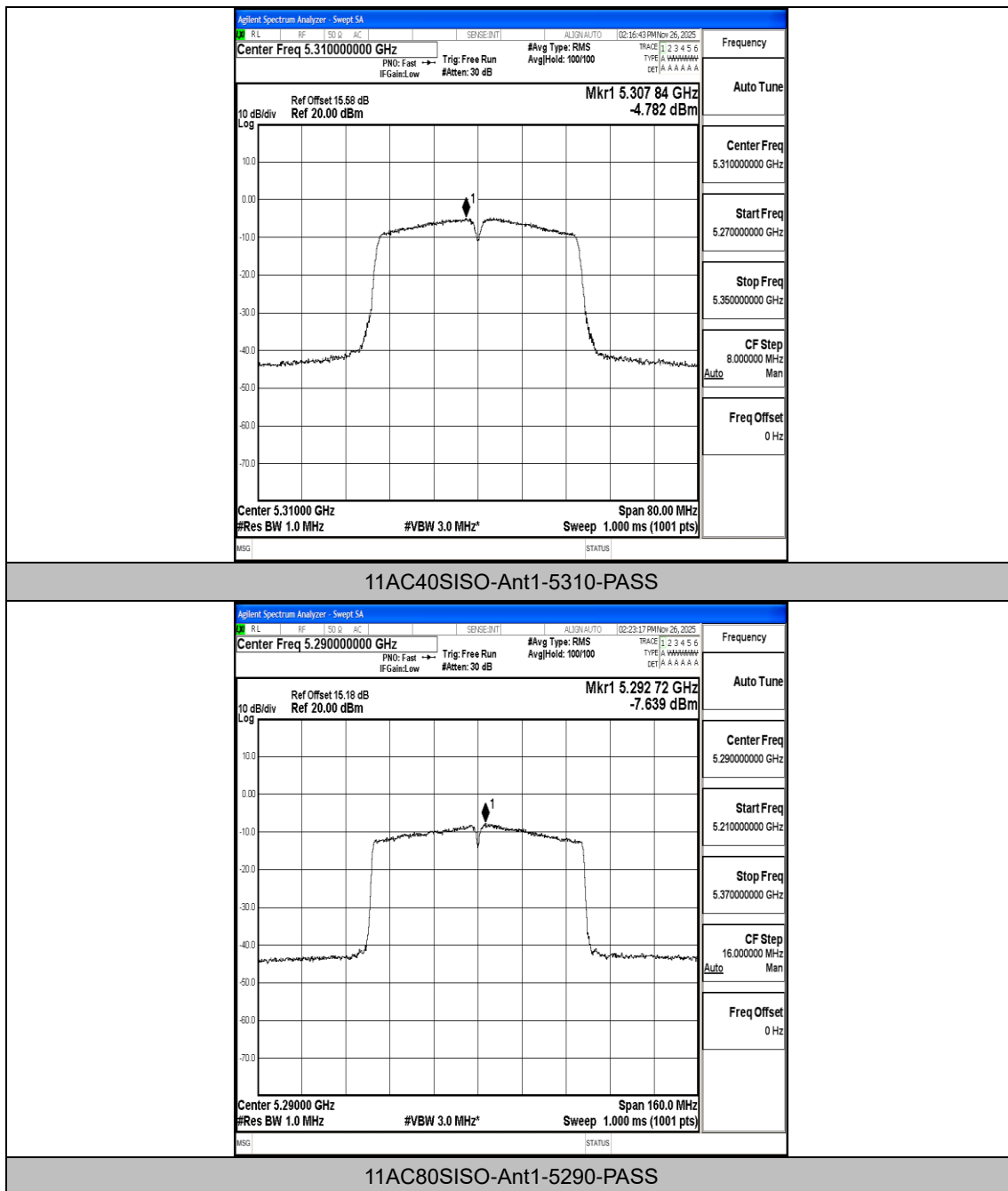
11AC20SISO-Ant1-5280-PASS

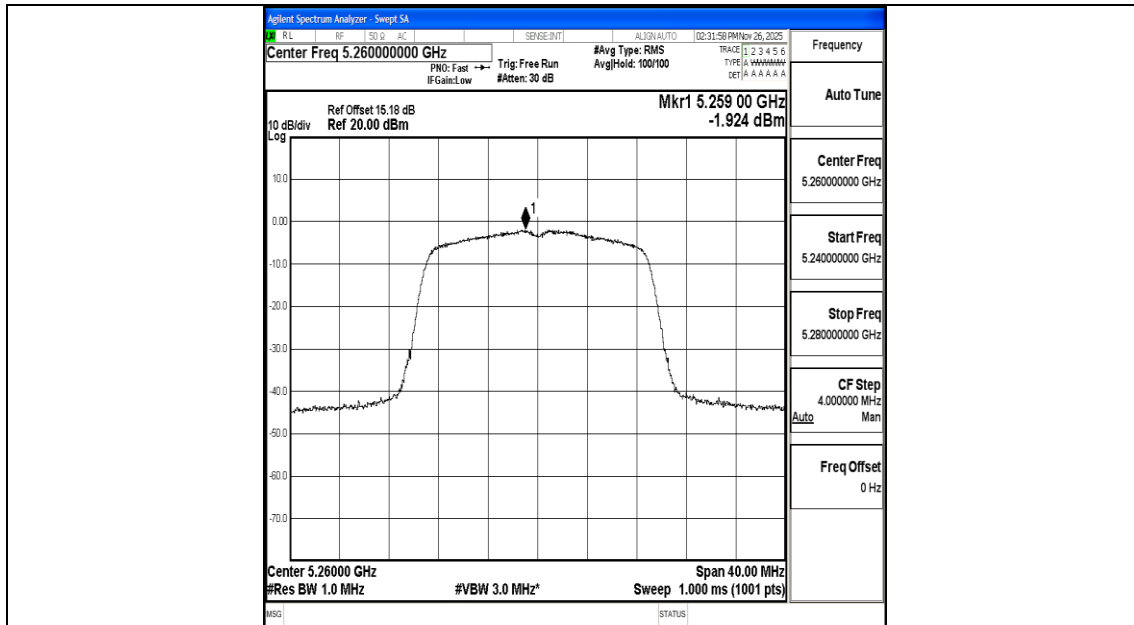


11AC20SISO-Ant1-5320-PASS

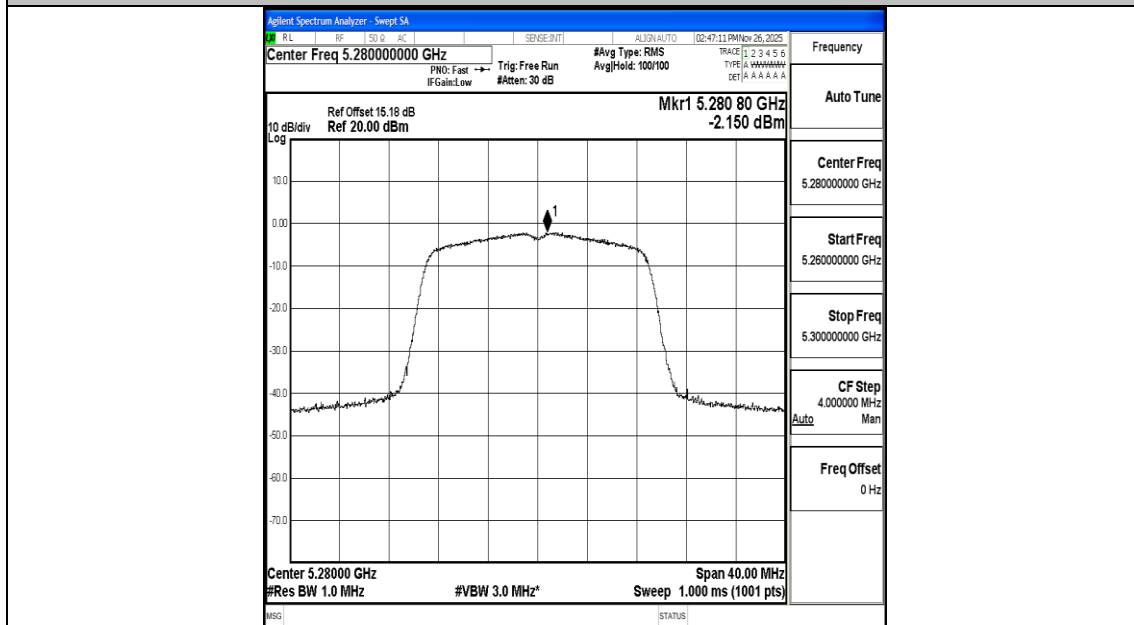


11AC40SISO-Ant1-5270-PASS

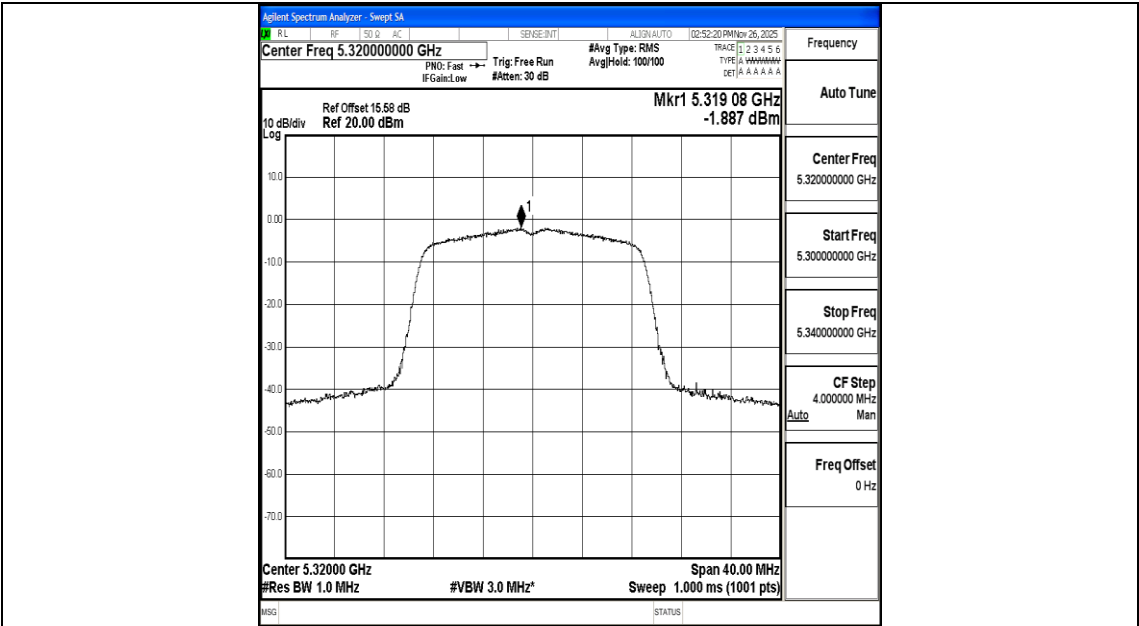




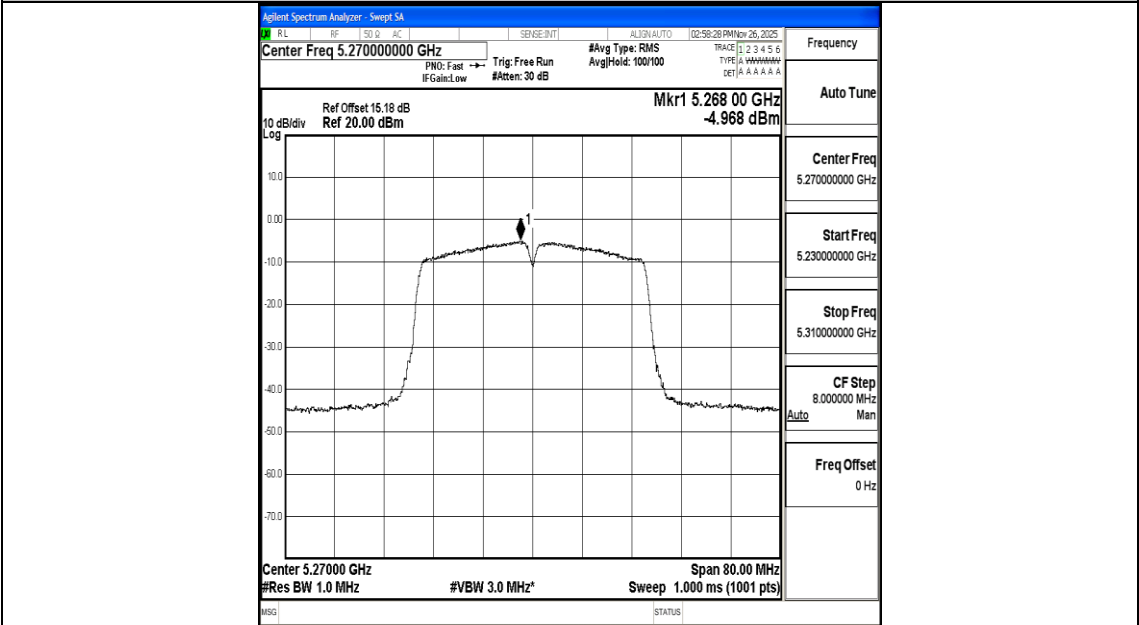
11AX20SISO-Ant1-5260-PASS



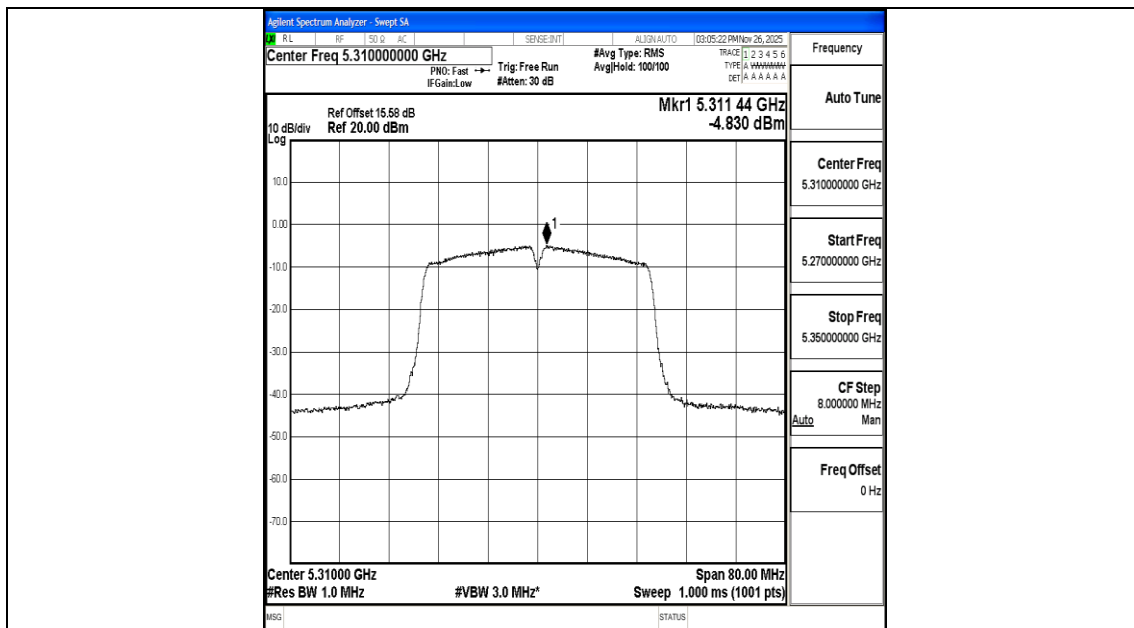
11AX20SISO-Ant1-5280-PASS



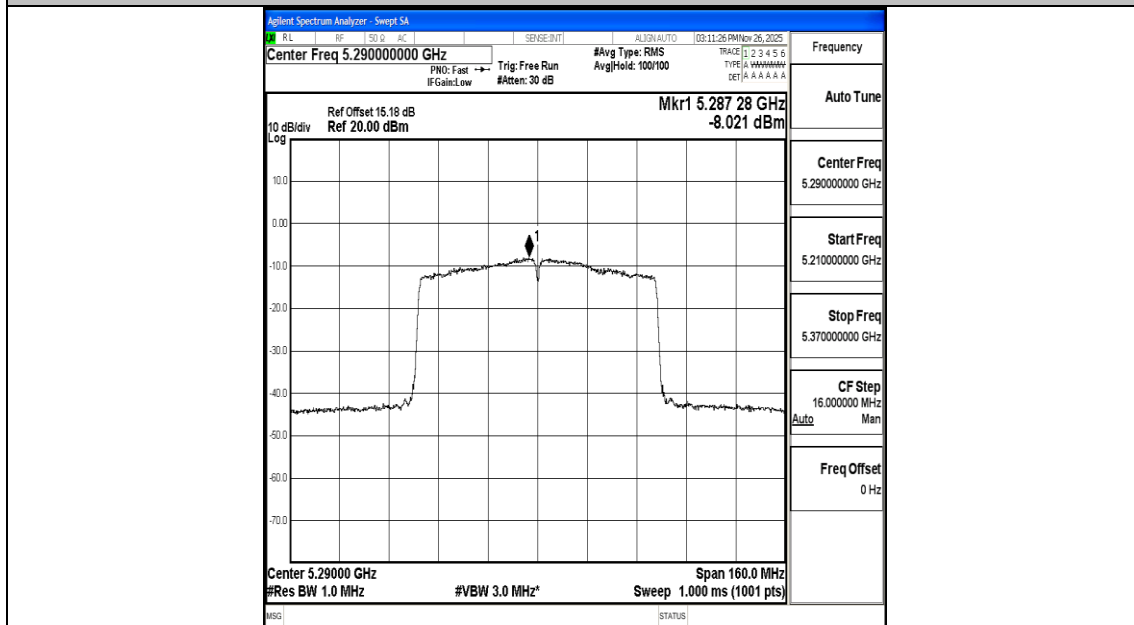
11AX20SiSO-Ant1-5320-PASS



11AX40SiSO-Ant1-5270-PASS



11AX40SISO-Ant1-5310-PASS



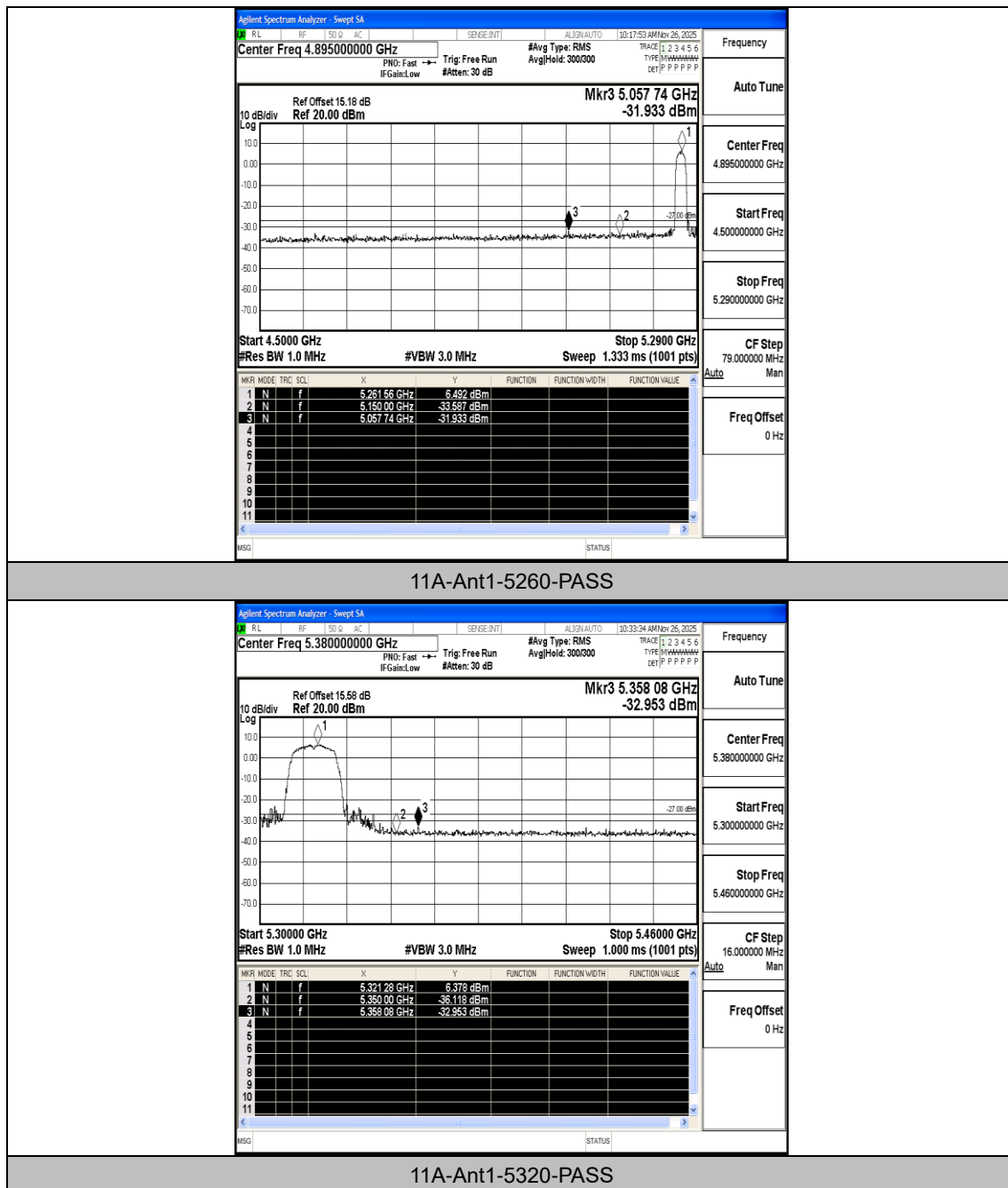
11AX80SISO-Ant1-5290-PASS

Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-31.93	≤-27	PASS
11A	Ant1	High	5320	-32.95	≤-27	PASS
11N20SISO	Ant1	Low	5260	-32.46	≤-27	PASS
11N20SISO	Ant1	High	5320	-33.31	≤-27	PASS
11N40SISO	Ant1	Low	5270	-32.66	≤-27	PASS
11N40SISO	Ant1	High	5310	-31.78	≤-27	PASS
11AC20SISO	Ant1	Low	5260	-32.58	≤-27	PASS
11AC20SISO	Ant1	High	5320	-33.57	≤-27	PASS
11AC40SISO	Ant1	Low	5270	-32.92	≤-27	PASS
11AC40SISO	Ant1	High	5310	-33.39	≤-27	PASS
11AC80SISO	Ant1	Low	5290	-32.66	≤-27	PASS
11AC80SISO	Ant1	High	5290	-29.35	≤-27	PASS
11AX20SISO	Ant1	Low	5260	-32.79	≤-27	PASS
11AX20SISO	Ant1	High	5320	-33.52	≤-27	PASS
11AX40SISO	Ant1	Low	5270	-33.05	≤-27	PASS
11AX40SISO	Ant1	High	5310	-32.73	≤-27	PASS
11AX80SISO	Ant1	Low	5290	-32.64	≤-27	PASS
11AX80SISO	Ant1	High	5290	-27.86	≤-27	PASS

Test Graphs B1/2/3



11A-Ant1-5260-PASS

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.380000000 GHz

Ref Offset 15.58 dB
Ref 20.00 dBm

Mkr3 5.358 08 GHz
-32.953 dBm

10 dB/div
Log

Start 5.30000 GHz
#Res BW 1.0 MHz

Stop 5.46000 GHz
#VBW 3.0 MHz
Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.321 28 GHz	6.378 dBm			
2	N	f		5.350 00 GHz	-36.118 dBm			
3	N	f		5.358 08 GHz	-32.953 dBm			

MSG STATUS

Frequency

Auto Tune

Center Freq
5.380000000 GHz

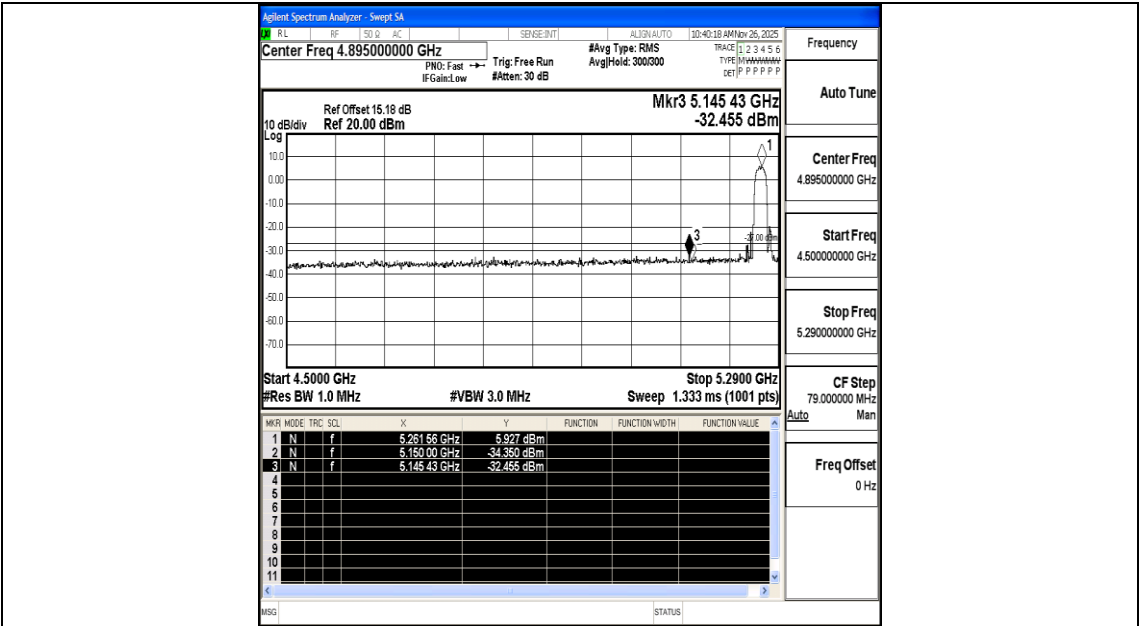
Start Freq
5.300000000 GHz

Stop Freq
5.460000000 GHz

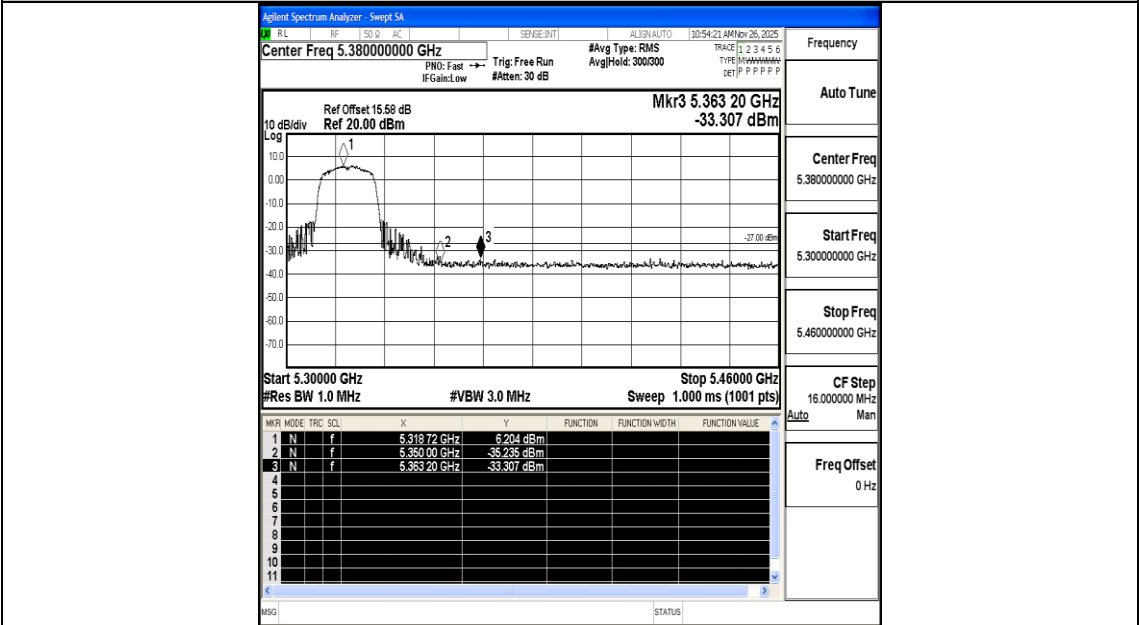
CF Step
16.000000 MHz

Freq Offset
0 Hz

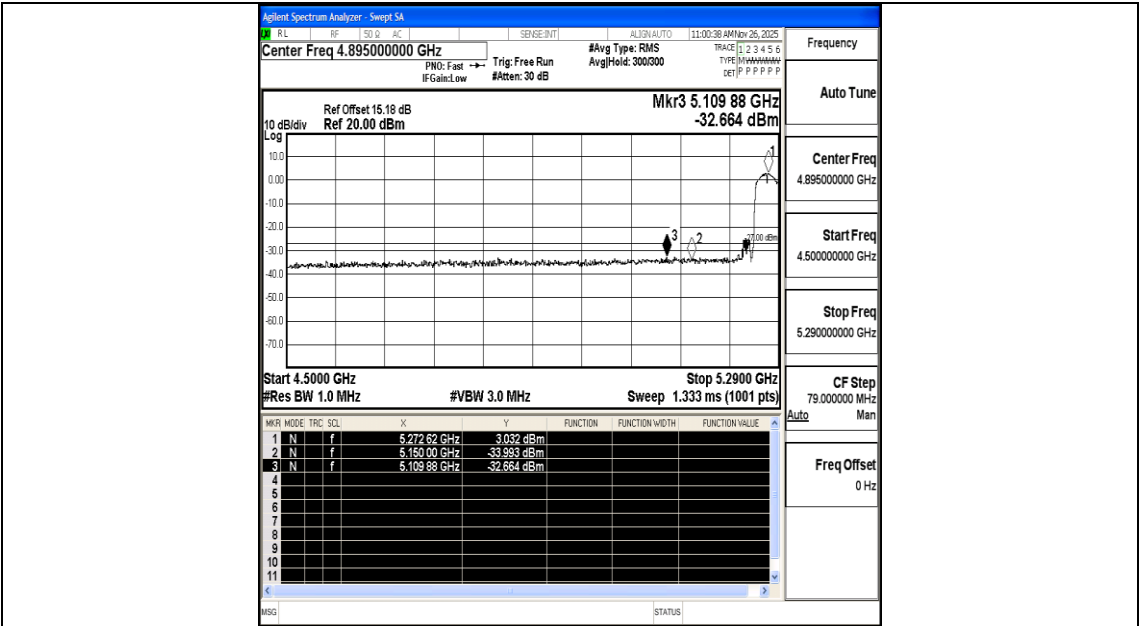
11A-Ant1-5320-PASS



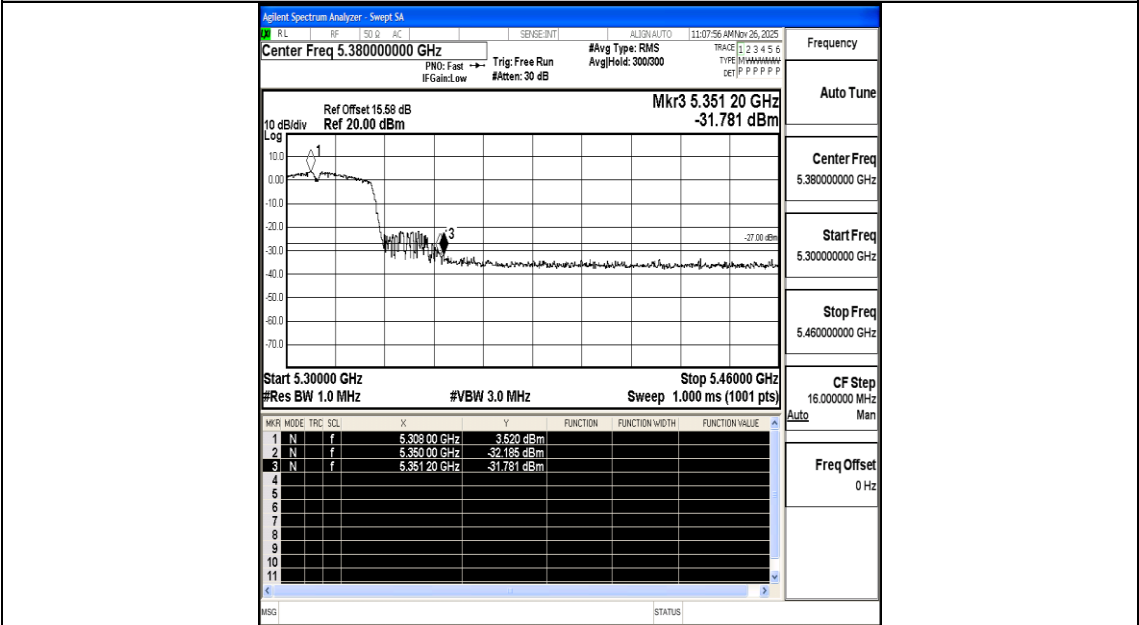
11N20SISO-Ant1-5260-PASS



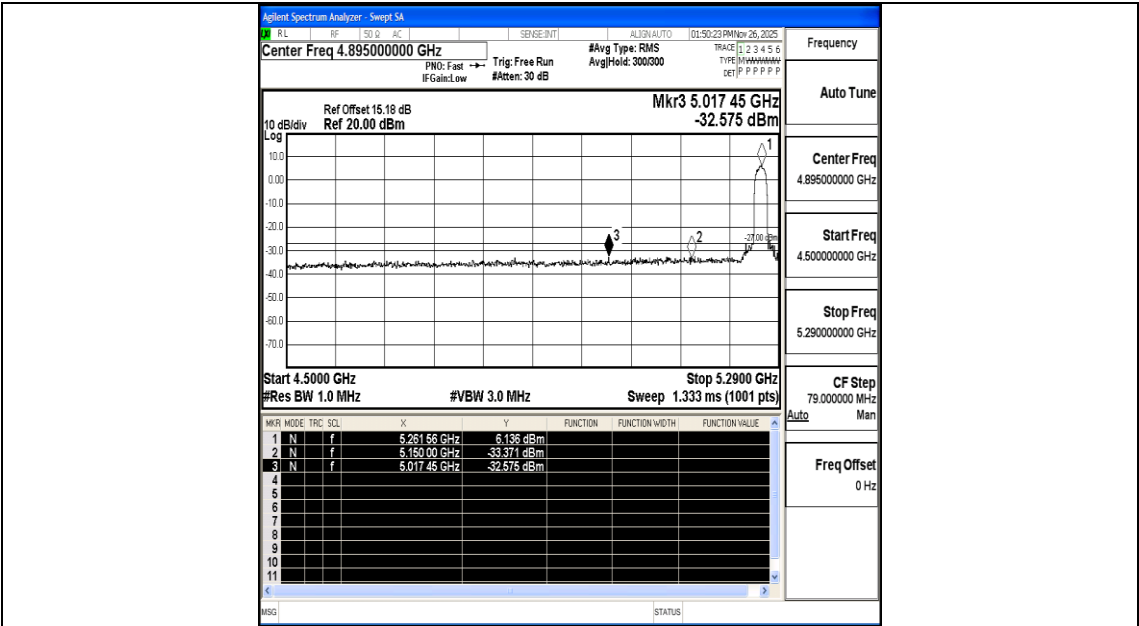
11N20SISO-Ant1-5320-PASS



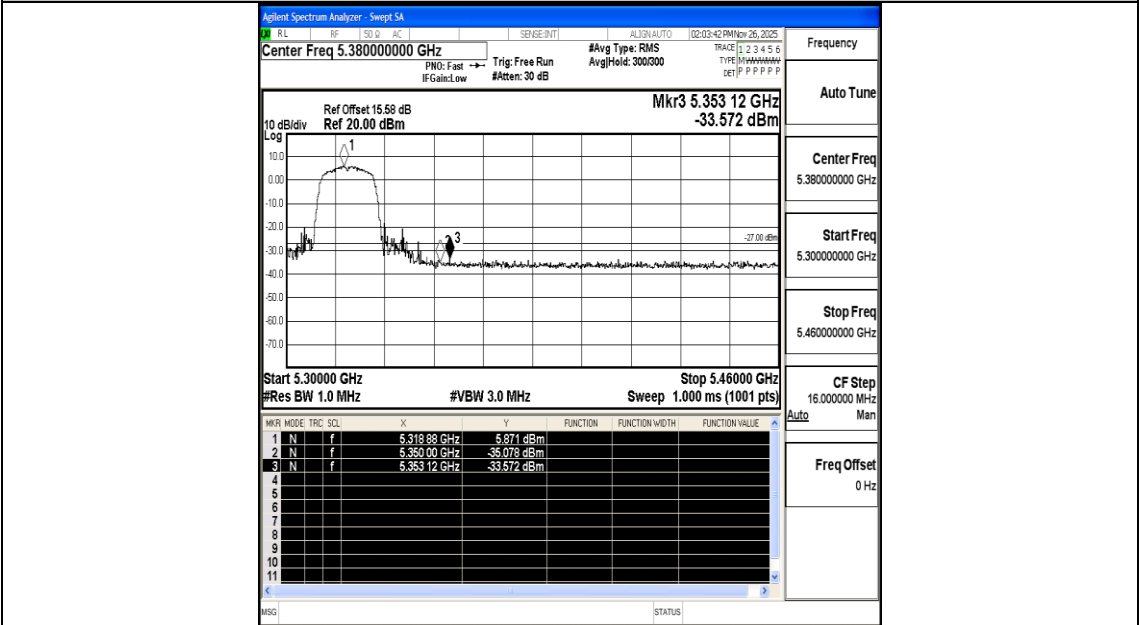
11N40SISO-Ant1-5270-PASS



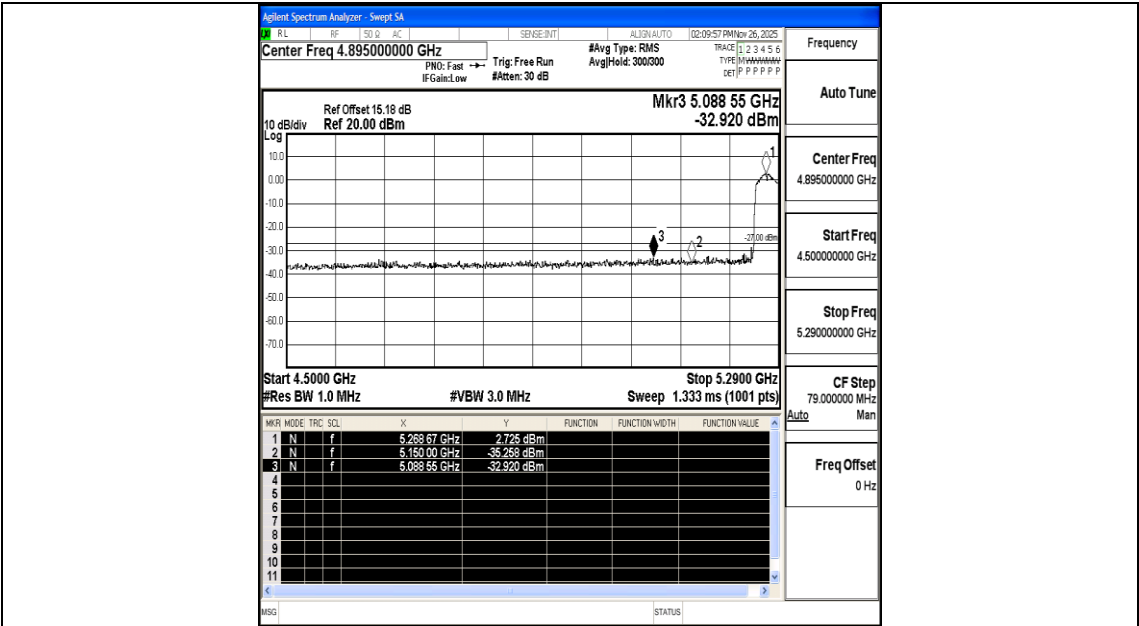
11N40SISO-Ant1-5310-PASS



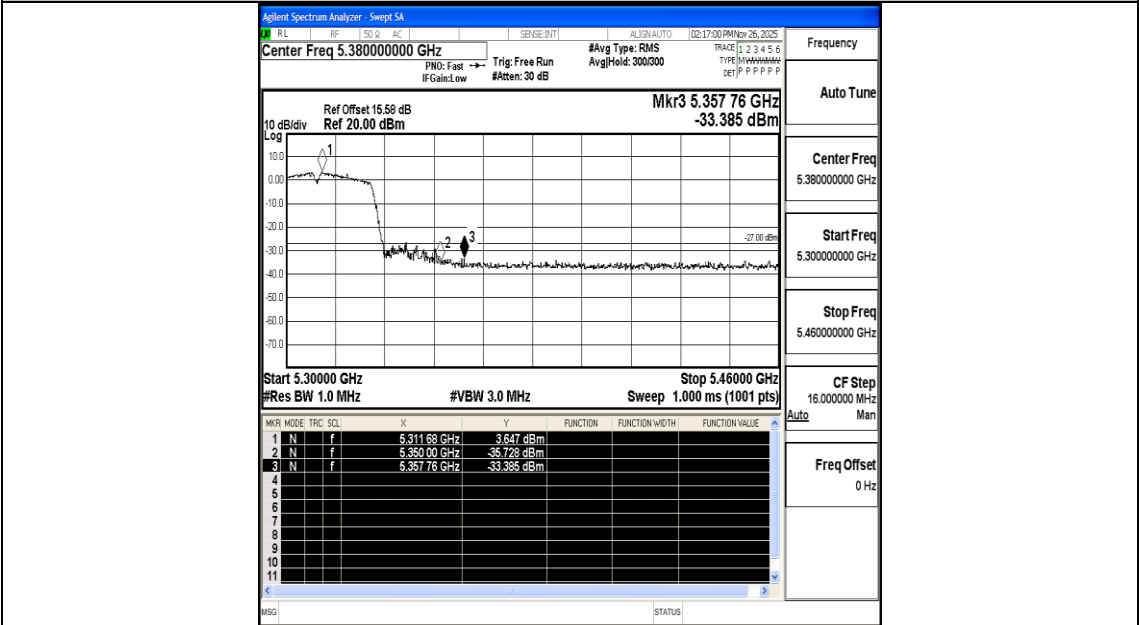
11AC20SISO-Ant1-5260-PASS



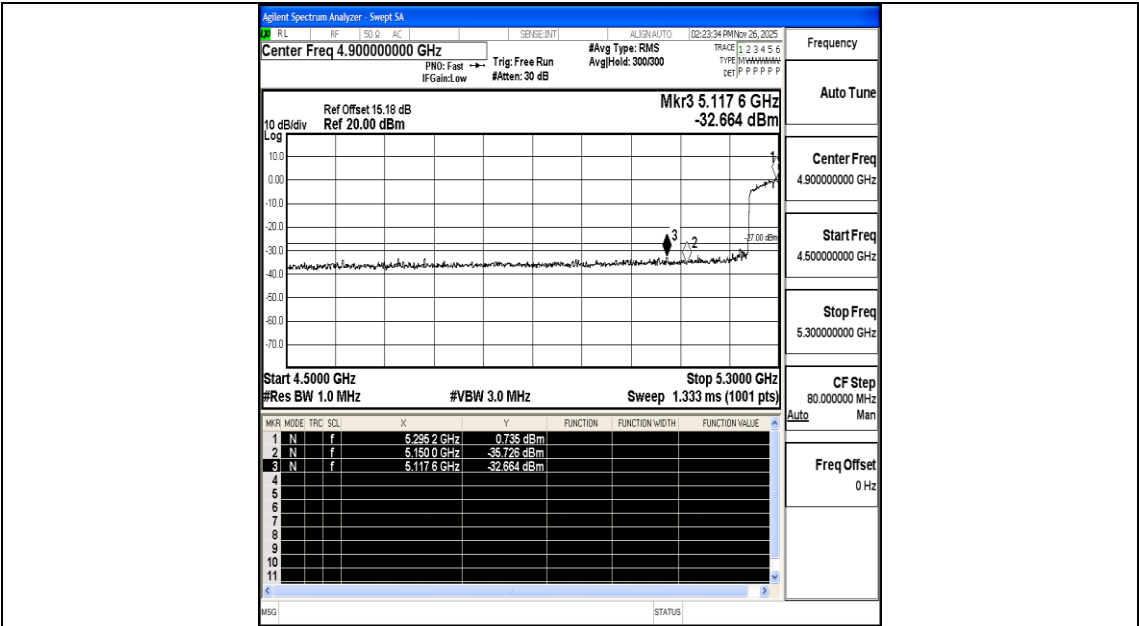
11AC20SISO-Ant1-5320-PASS



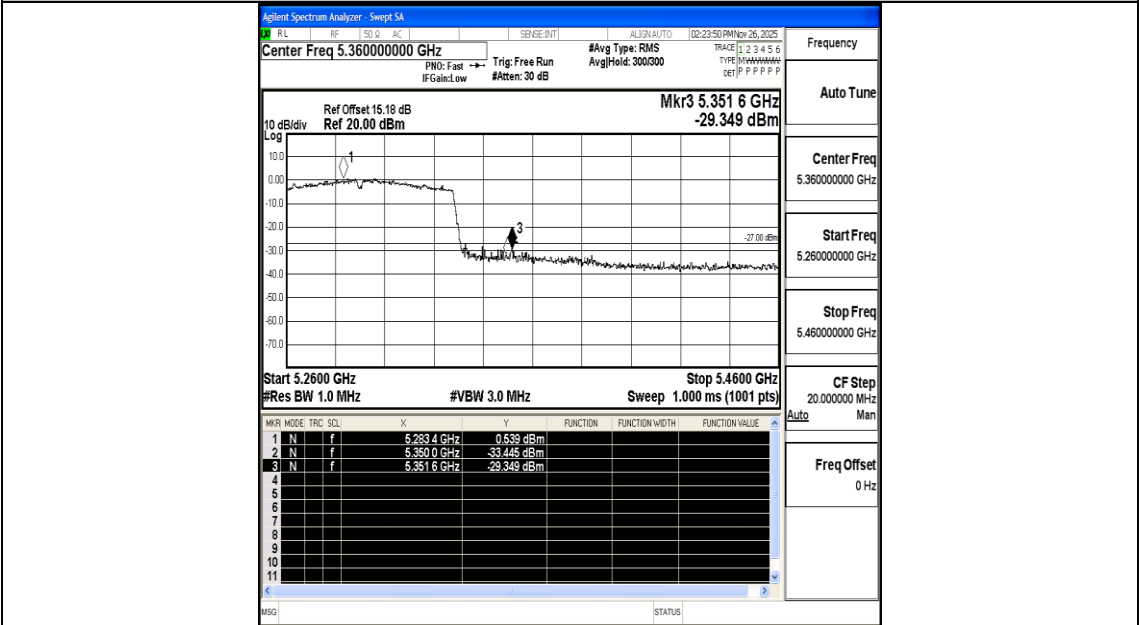
11AC40SISO-Ant1-5270-PASS



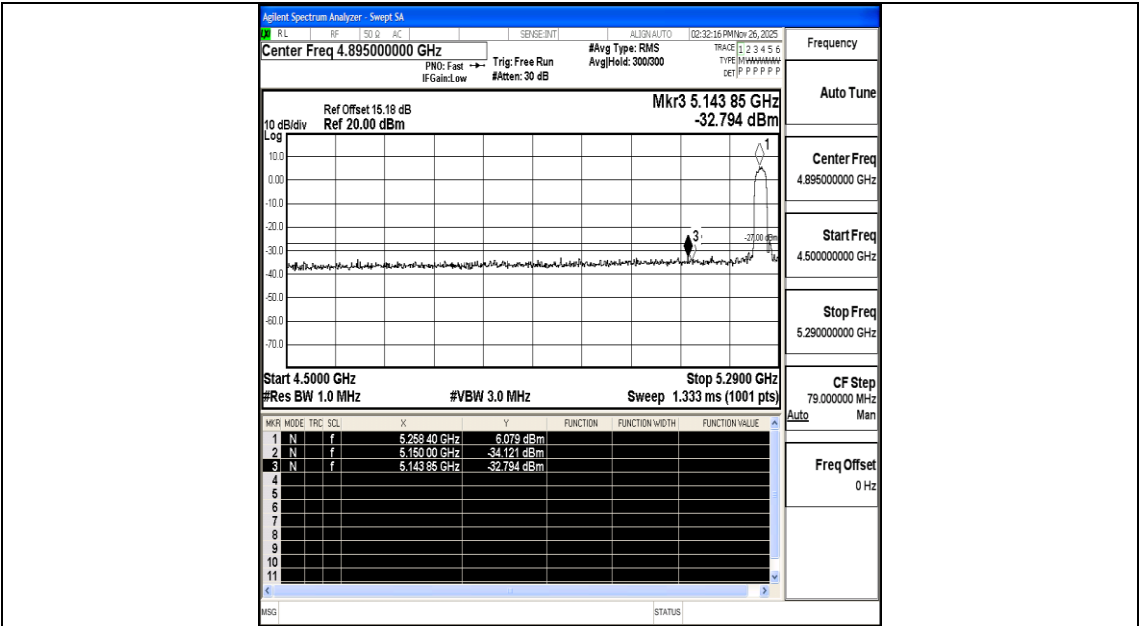
11AC40SISO-Ant1-5310-PASS



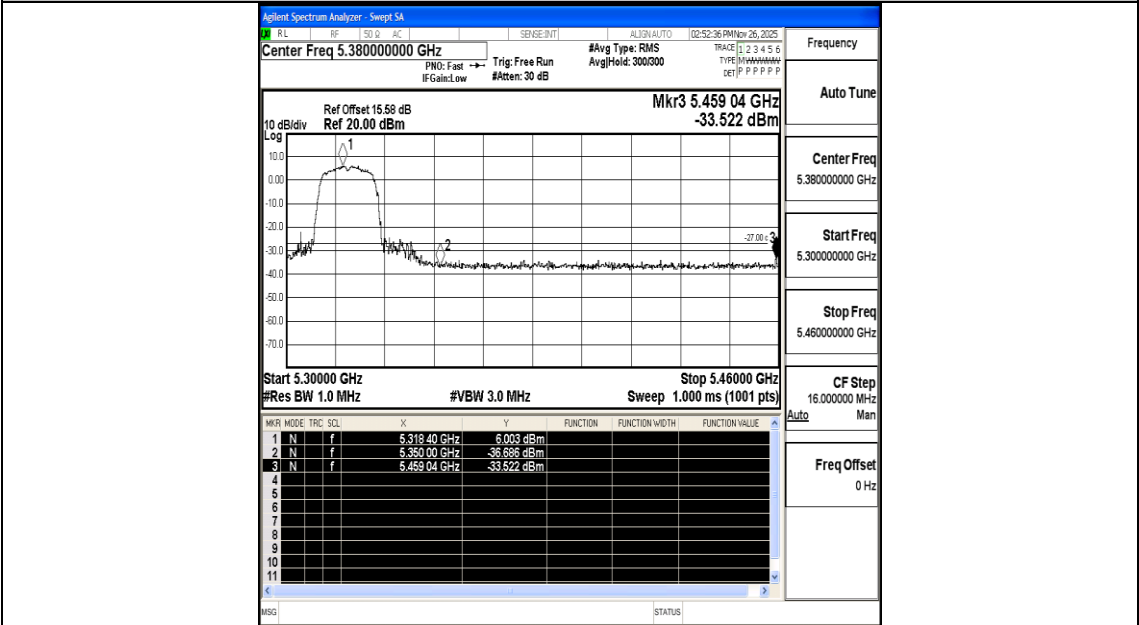
11AC80SISO-Ant1-5290-PASS



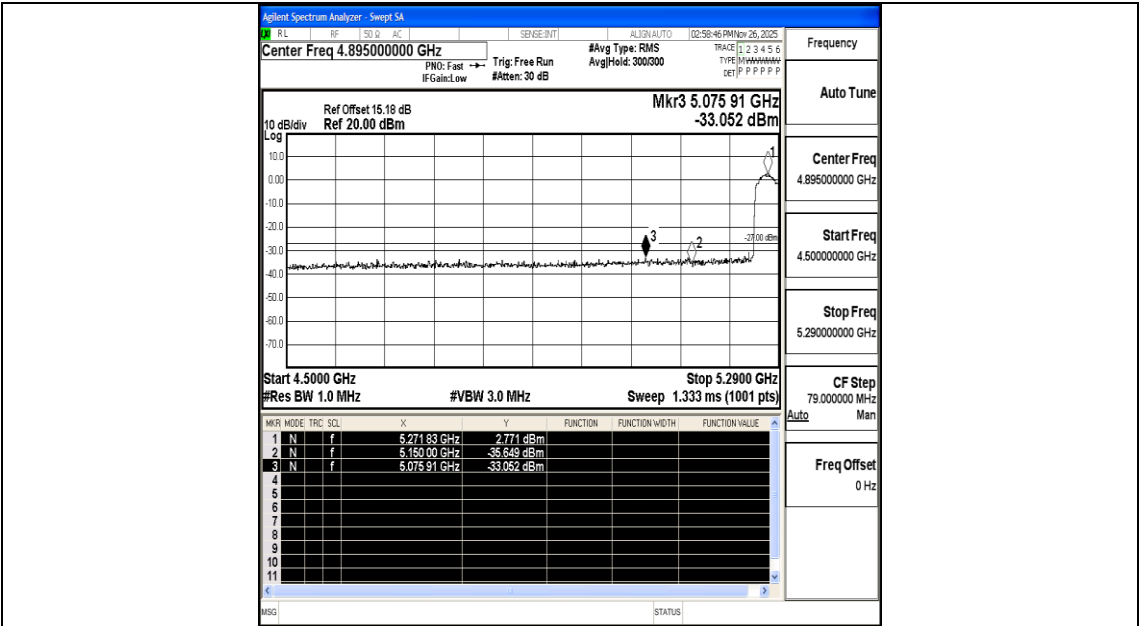
11AC80SISO-Ant1-5290-PASS



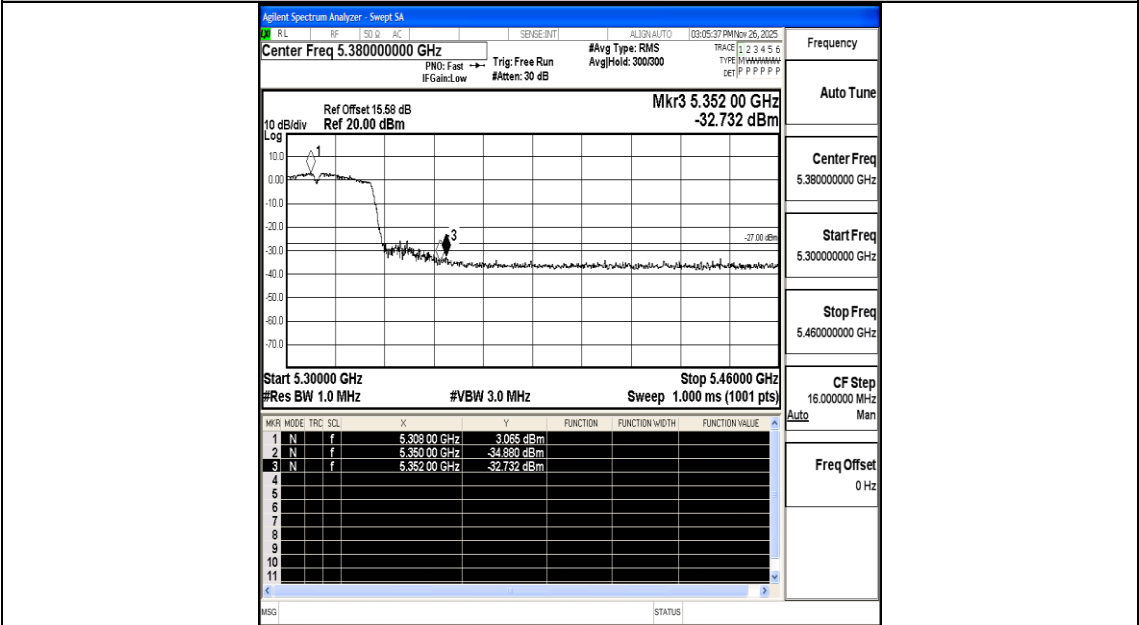
11AX20SISO-Ant1-5260-PASS



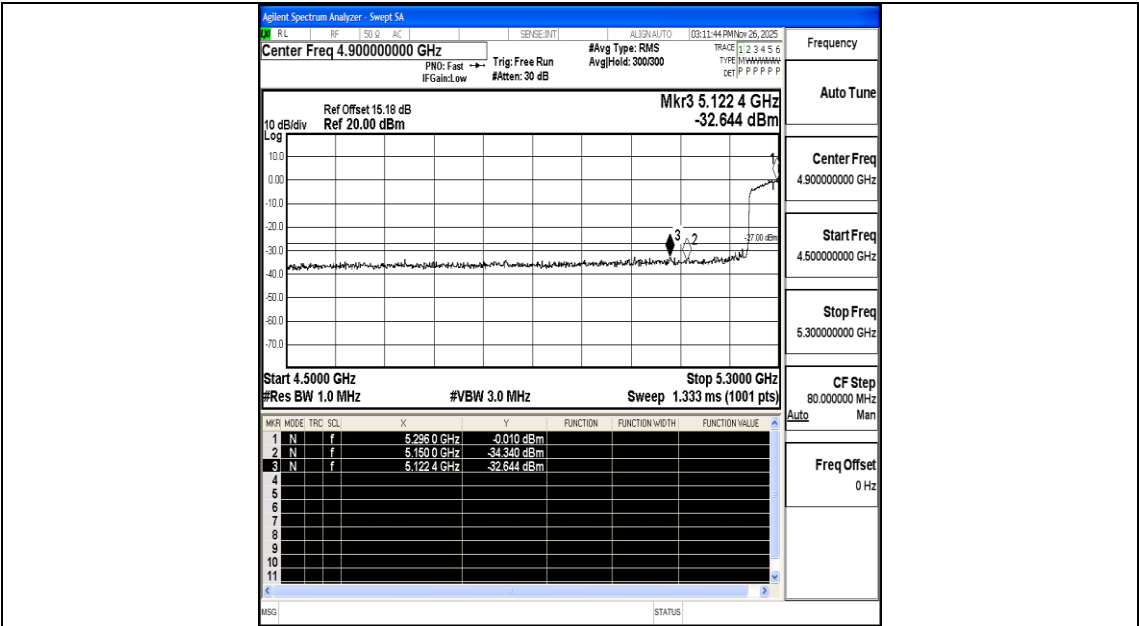
11AX20SISO-Ant1-5320-PASS



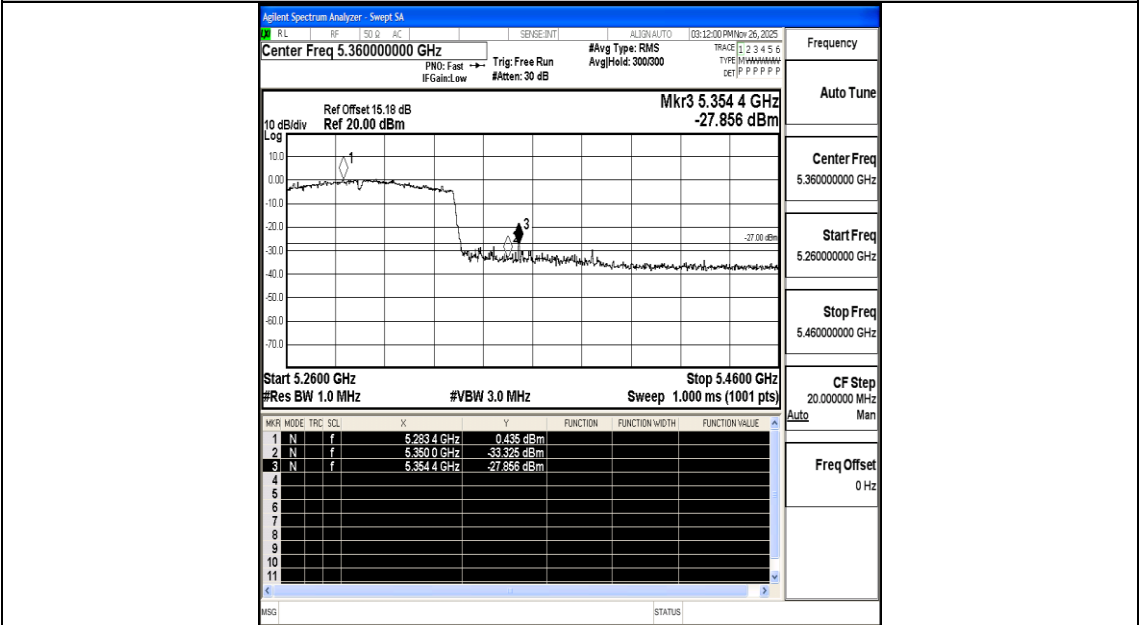
11AX40SISO-Ant1-5270-PASS



11AX40SISO-Ant1-5310-PASS



11AX80SISO-Ant1-5290-PASS



11AX80SISO-Ant1-5290-PASS

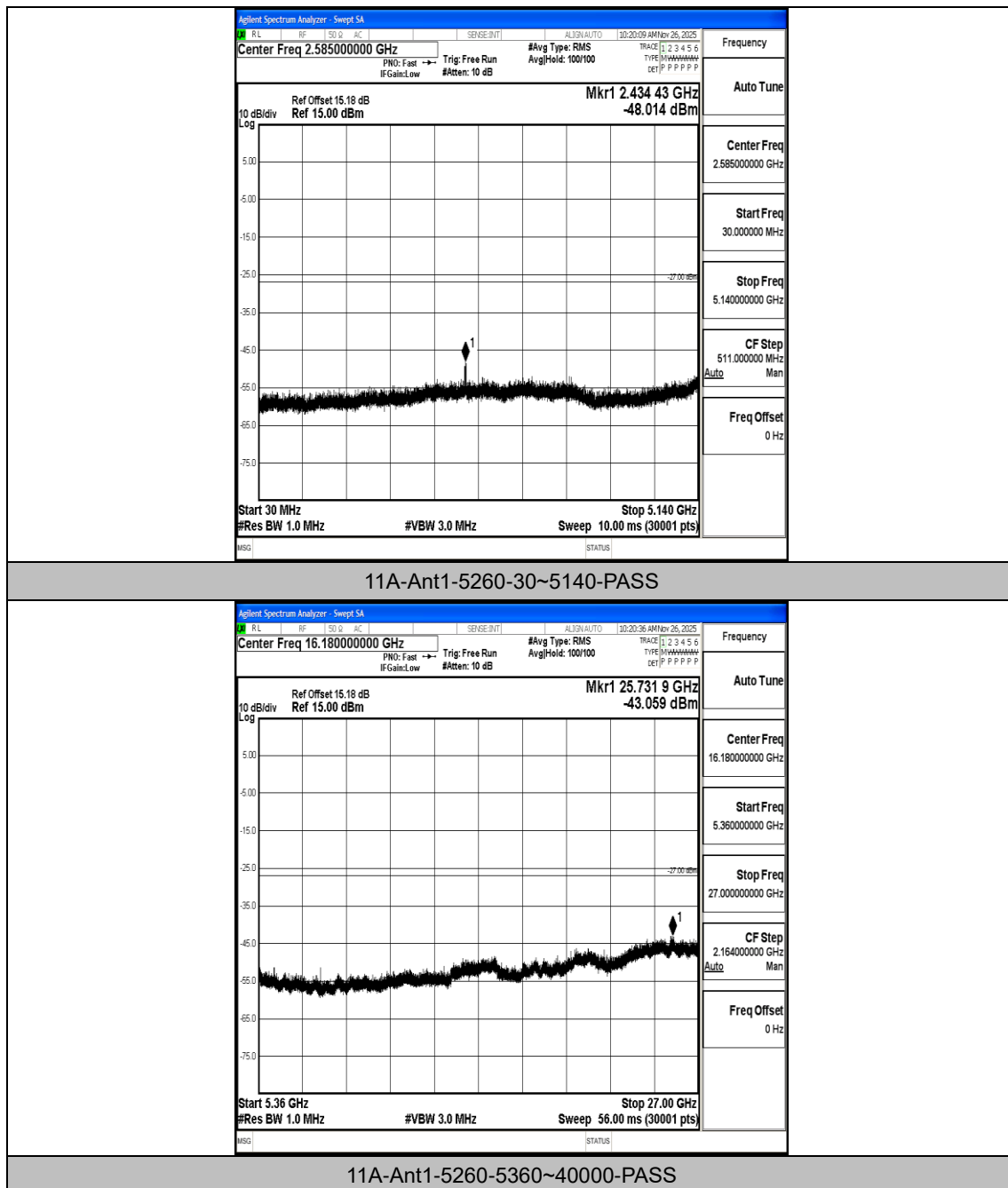
Appendix F: Conducted Spurious Emission

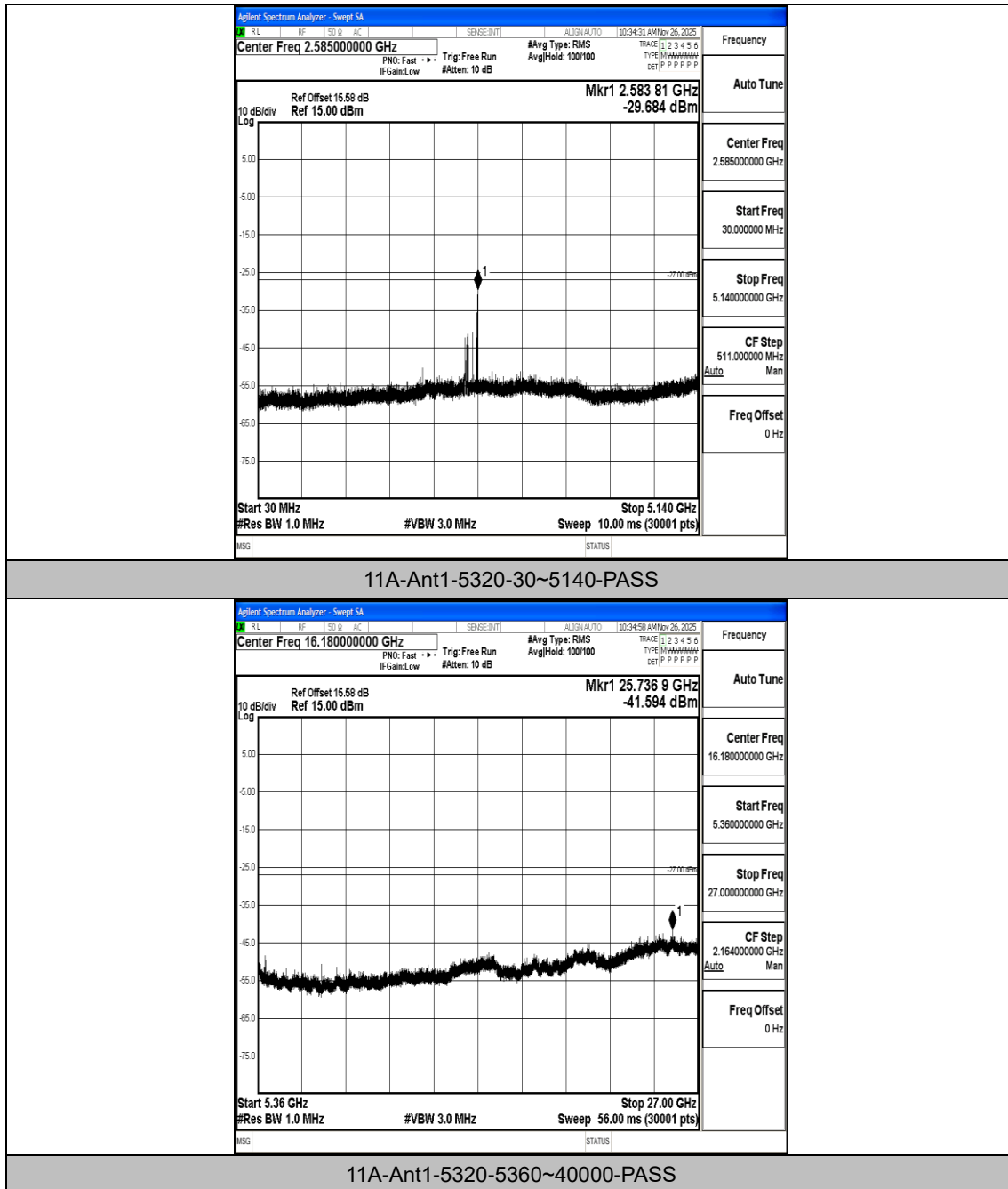
Test Result

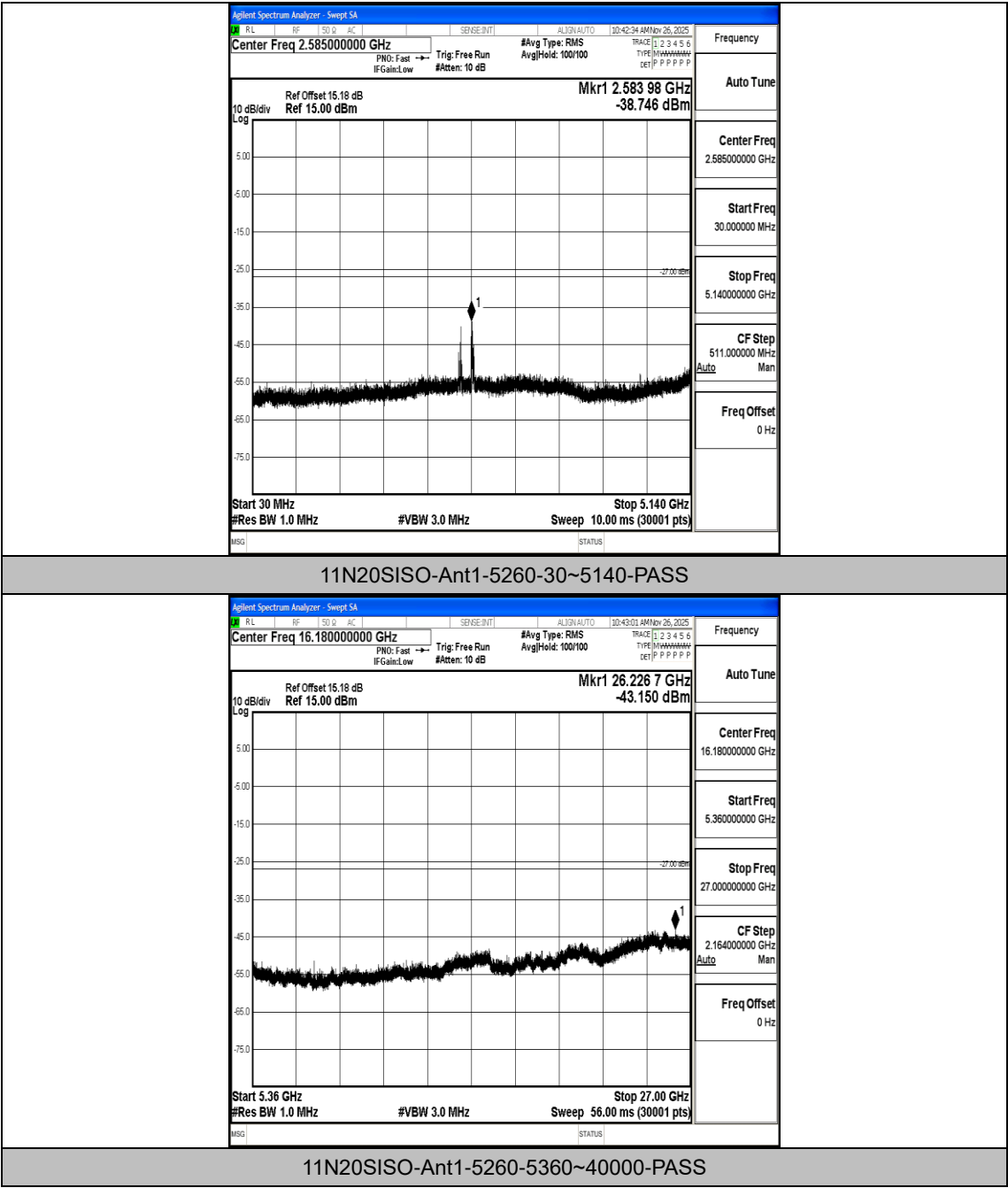
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	2434.43	-48.01	≤-27	PASS
11A	Ant1	5260	5360~40000	25731.9	-43.06	≤-27	PASS
11A	Ant1	5280	30~5140	2456.06	-42.17	≤-27	PASS
11A	Ant1	5280	5360~40000	25090.63	-42.92	≤-27	PASS
11A	Ant1	5320	30~5140	2583.81	-29.68	≤-27	PASS
11A	Ant1	5320	5360~40000	25736.95	-41.59	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	2583.98	-38.75	≤-27	PASS
11N20SISO	Ant1	5260	5360~40000	26226.73	-43.15	≤-27	PASS
11N20SISO	Ant1	5280	30~5140	2563.54	-42.85	≤-27	PASS
11N20SISO	Ant1	5280	5360~40000	25653.27	-42.87	≤-27	PASS
11N20SISO	Ant1	5320	30~5140	2455.72	-42.07	≤-27	PASS
11N20SISO	Ant1	5320	5360~40000	25191.62	-41.84	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	2415.01	-35.03	≤-27	PASS
11N40SISO	Ant1	5270	5360~40000	25822.06	-42.72	≤-27	PASS
11N40SISO	Ant1	5310	30~5140	2438.51	-42.77	≤-27	PASS
11N40SISO	Ant1	5310	5360~40000	5361.44	-34.67	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	2401.72	-45.27	≤-27	PASS
11AC20SISO	Ant1	5260	5360~40000	24957.18	-43.17	≤-27	PASS
11AC20SISO	Ant1	5280	30~5140	5127.57	-51.34	≤-27	PASS
11AC20SISO	Ant1	5280	5360~40000	25709.53	-42.66	≤-27	PASS
11AC20SISO	Ant1	5320	30~5140	2468.15	-40.35	≤-27	PASS
11AC20SISO	Ant1	5320	5360~40000	26568.64	-42.9	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	825.97	-41.78	≤-27	PASS
11AC40SISO	Ant1	5270	5360~40000	25697.99	-42.79	≤-27	PASS
11AC40SISO	Ant1	5310	30~5140	2467.64	-40.34	≤-27	PASS
11AC40SISO	Ant1	5310	5360~40000	5360.72	-41.8	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	2409.9	-43.7	≤-27	PASS
11AC80SISO	Ant1	5290	5360~40000	5375.87	-33.96	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	1947.27	-36.54	≤-27	PASS
11AX20SISO	Ant1	5260	5360~40000	25820.62	-43.06	≤-27	PASS
11AX20SISO	Ant1	5280	30~5140	2455.55	-43.64	≤-27	PASS
11AX20SISO	Ant1	5280	5360~40000	24944.92	-42.79	≤-27	PASS
11AX20SISO	Ant1	5320	30~5140	2456.23	-41.23	≤-27	PASS
11AX20SISO	Ant1	5320	5360~40000	25071.88	-41.25	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	2456.91	-40.5	≤-27	PASS
11AX40SISO	Ant1	5270	5360~40000	25064.66	-42.74	≤-27	PASS
11AX40SISO	Ant1	5310	30~5140	4843.28	-51.02	≤-27	PASS

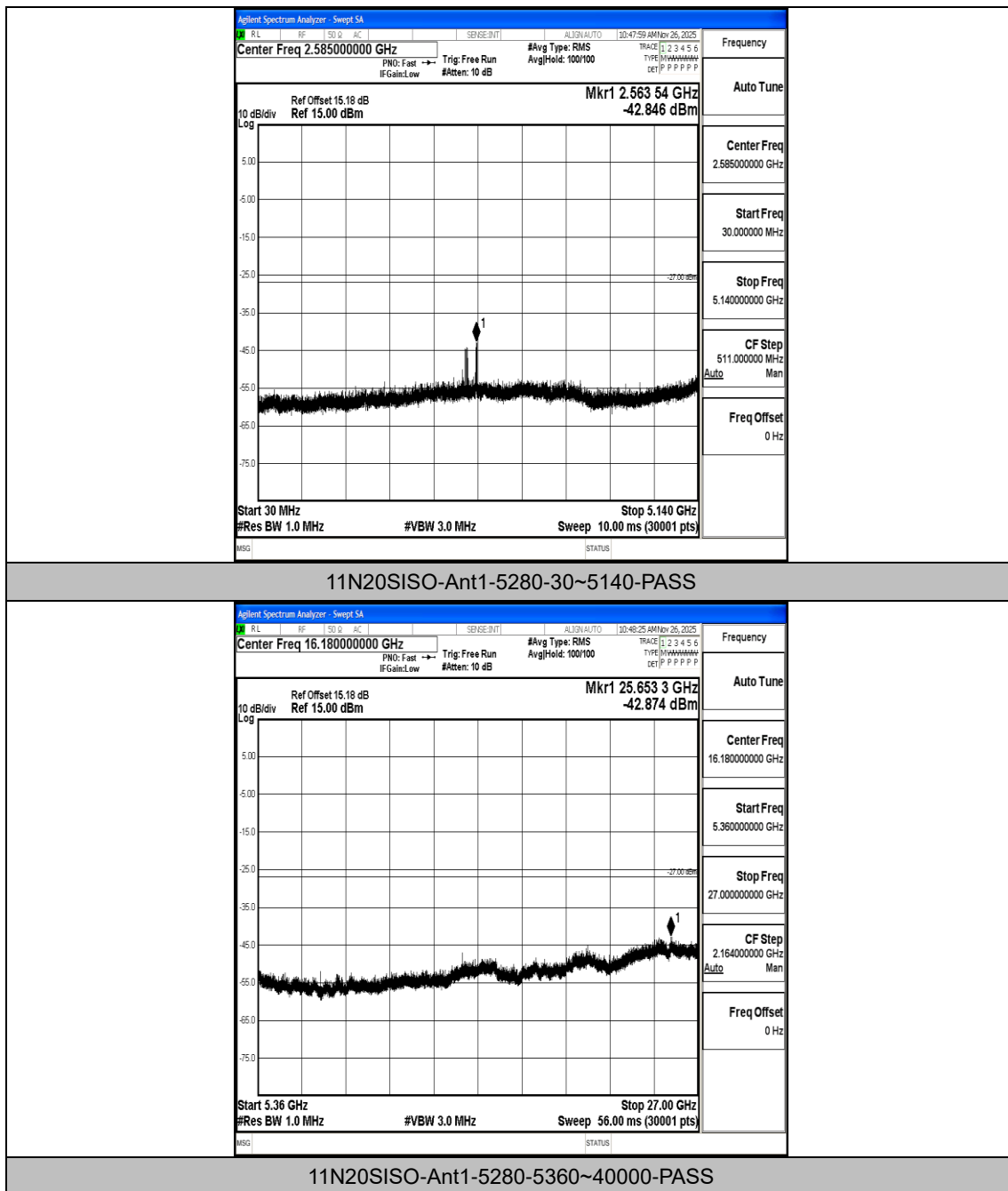
11AX40SISO	Ant1	5310	5360~40000	5365.77	-39.04	≤-27	PASS
11AX80SISO	Ant1	5290	30~5140	829.37	-30.28	≤-27	PASS
11AX80SISO	Ant1	5290	5360~40000	5360	-33.39	≤-27	PASS

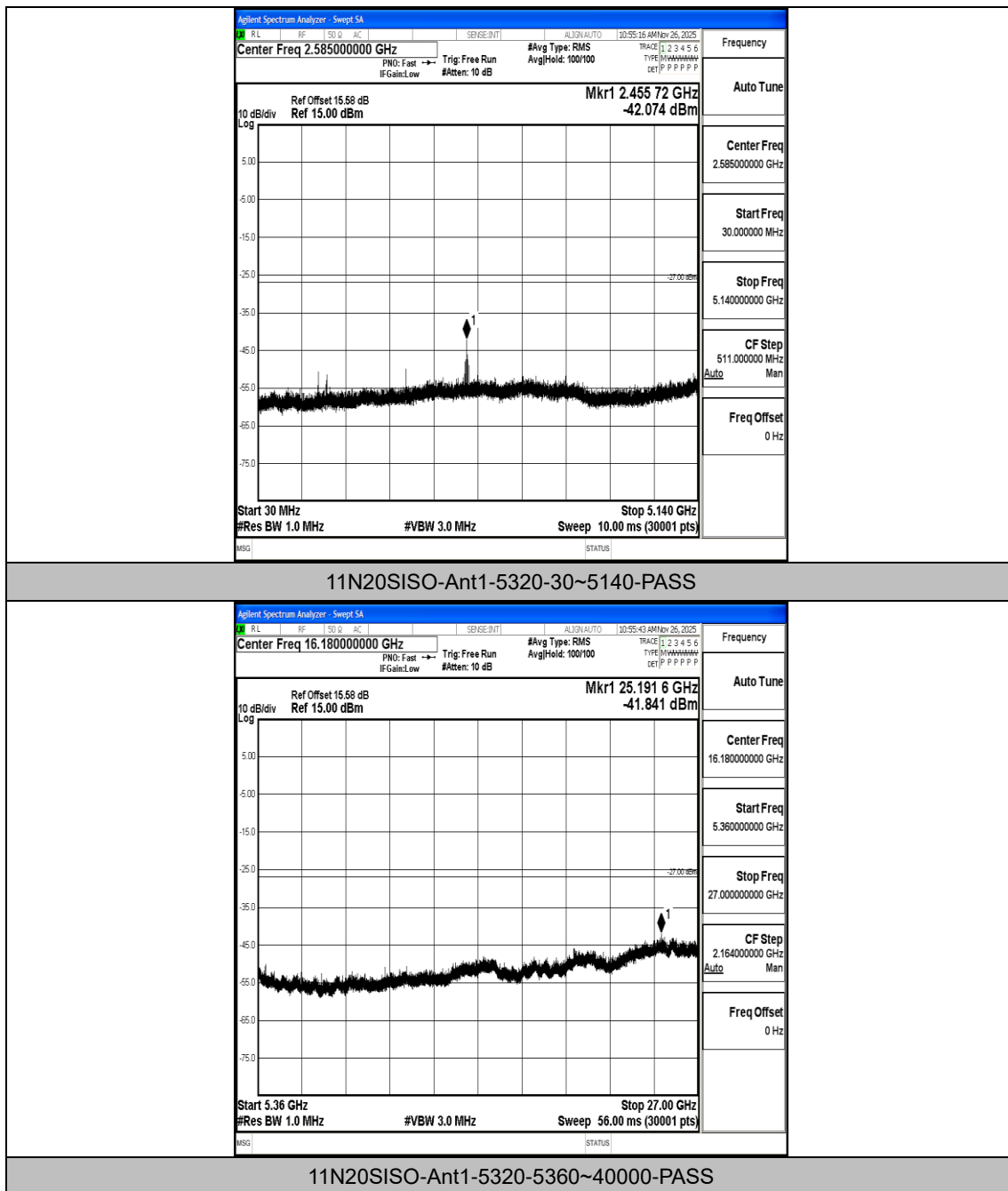
Test Graphs

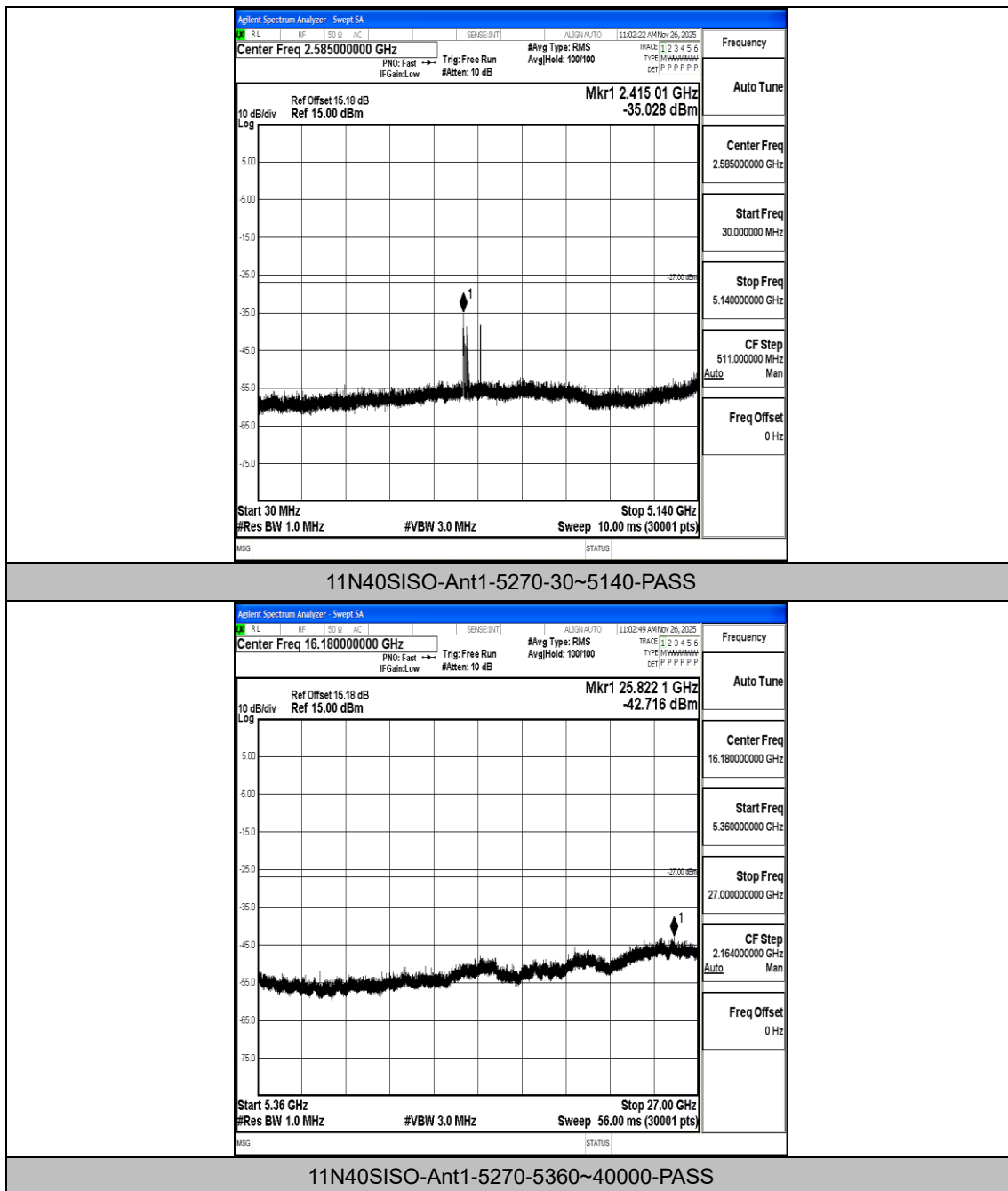


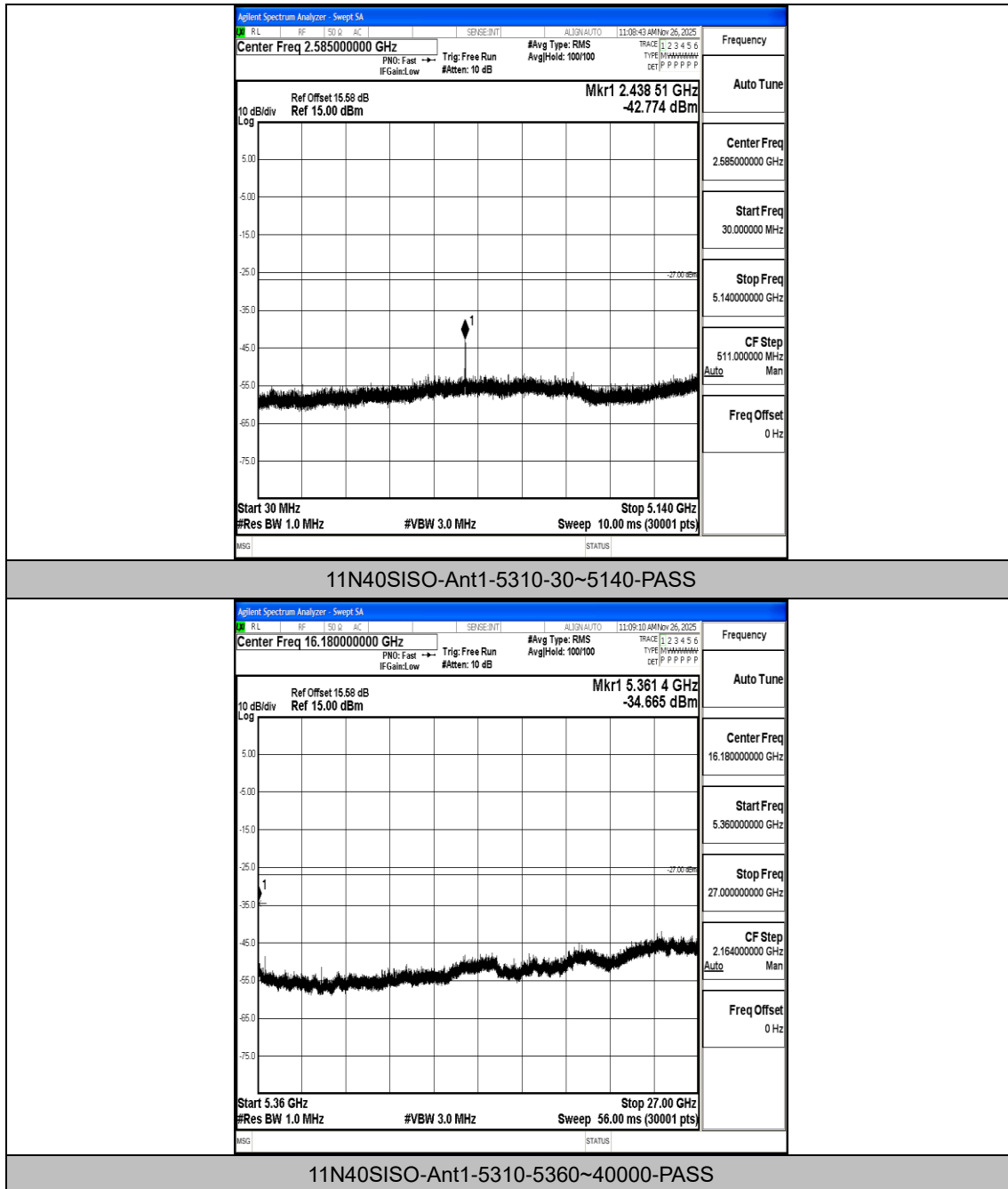


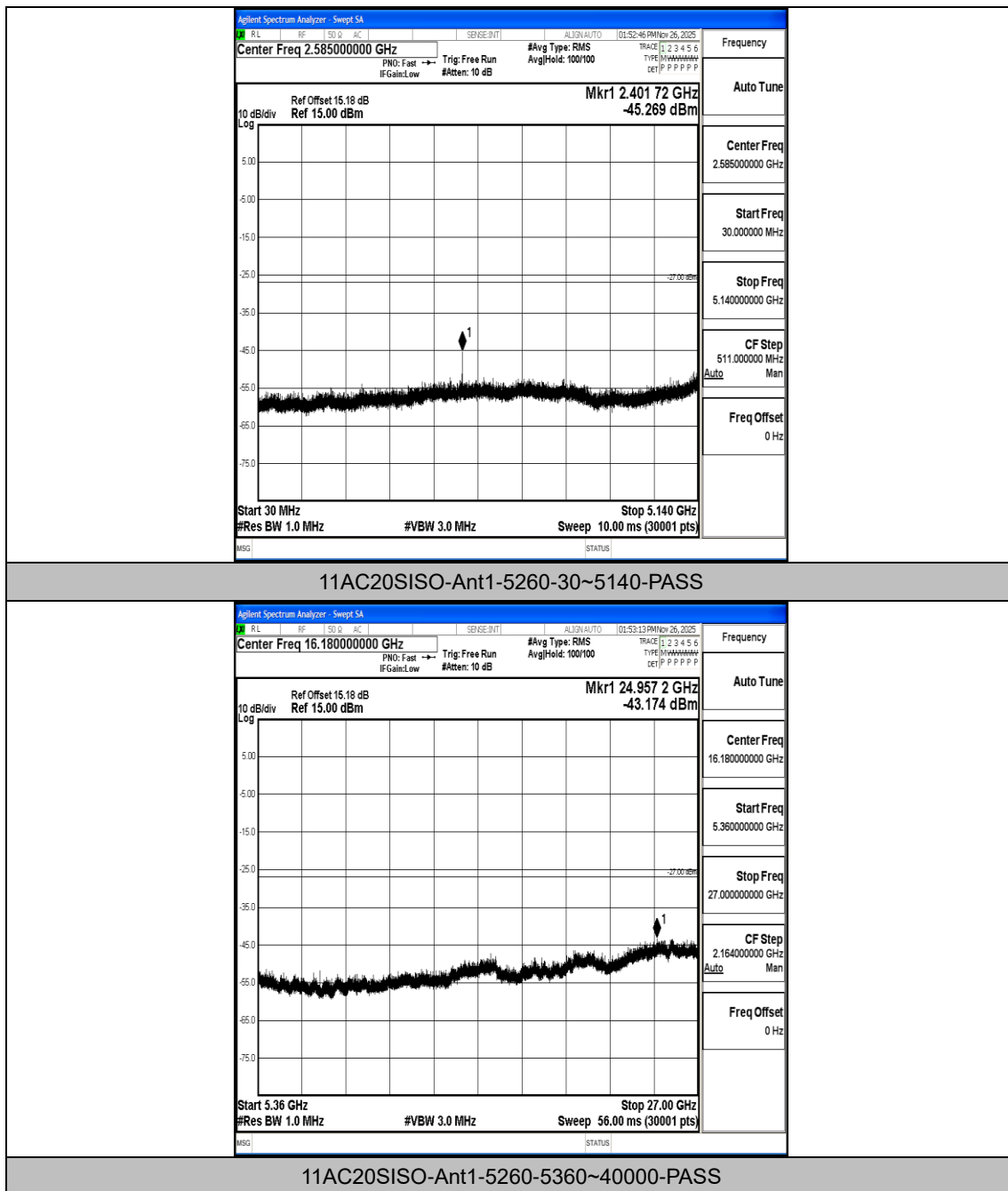


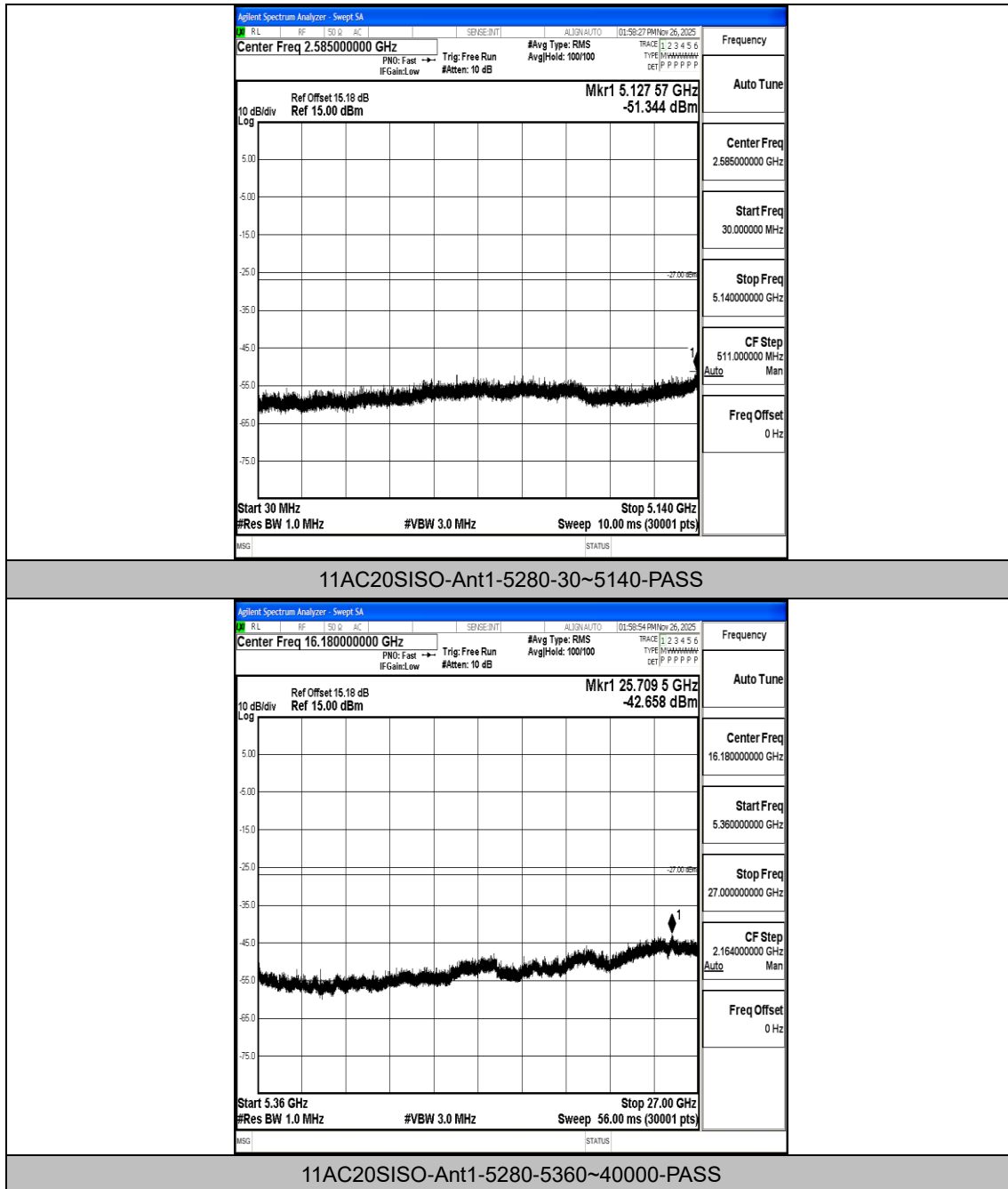


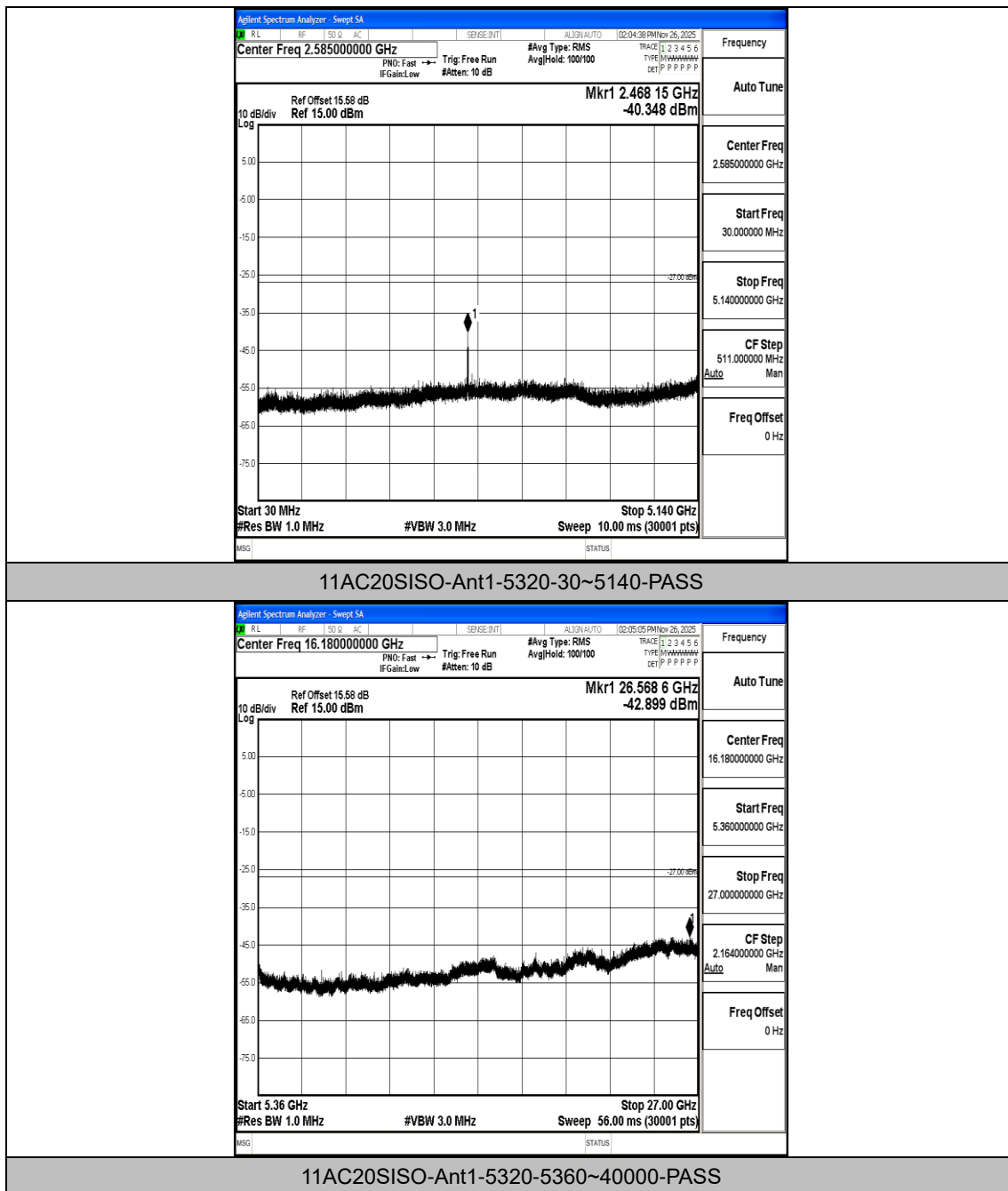


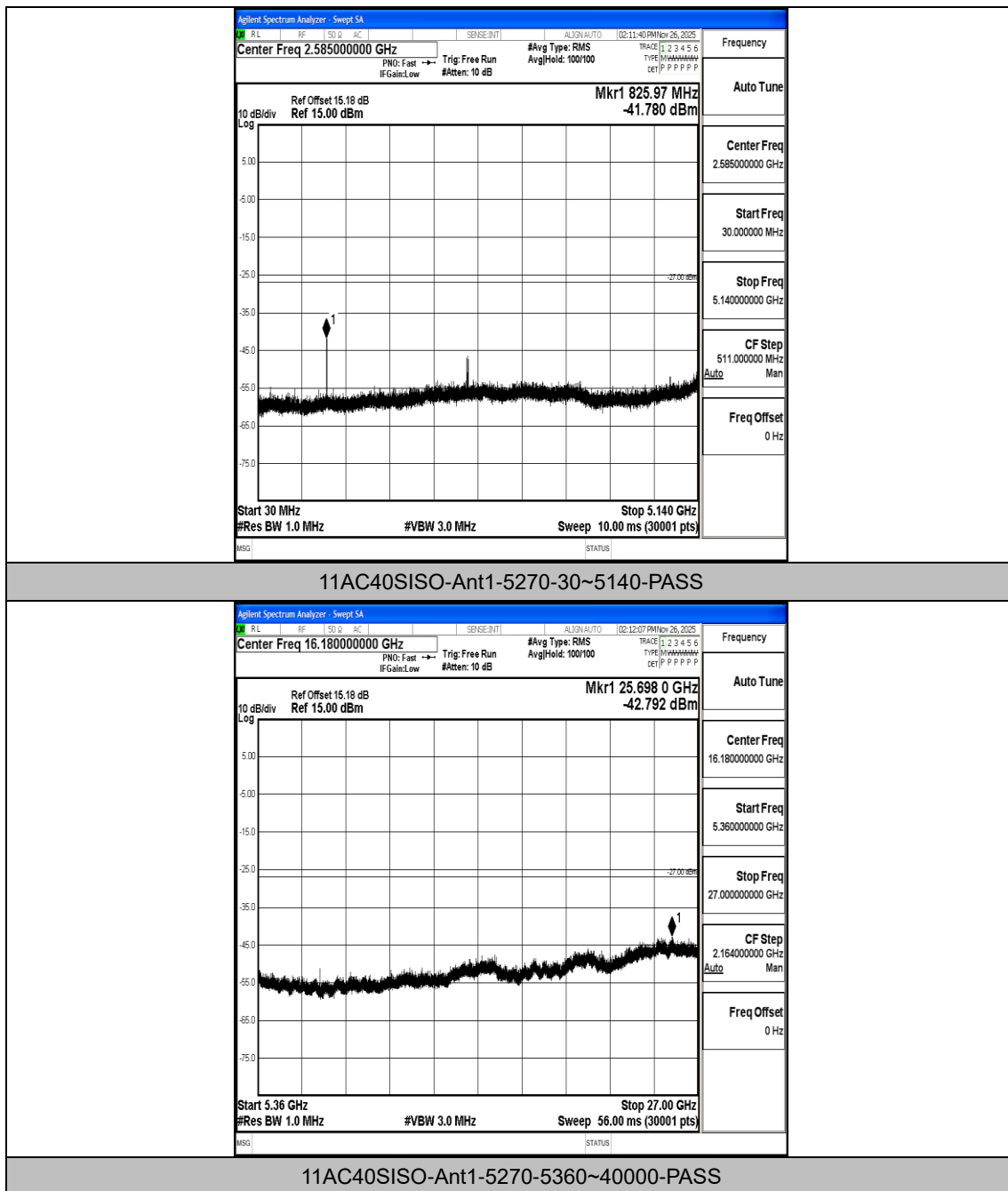


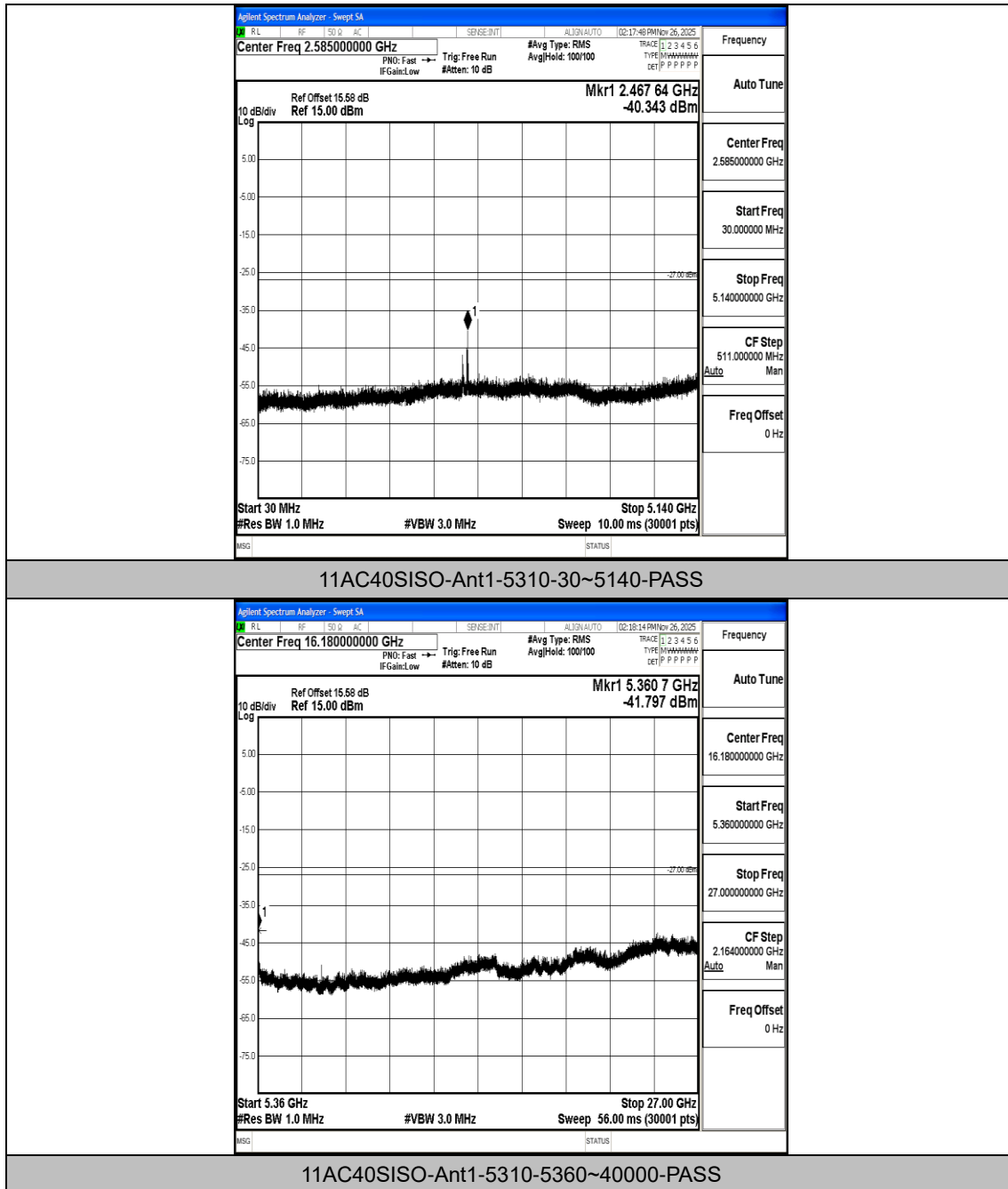


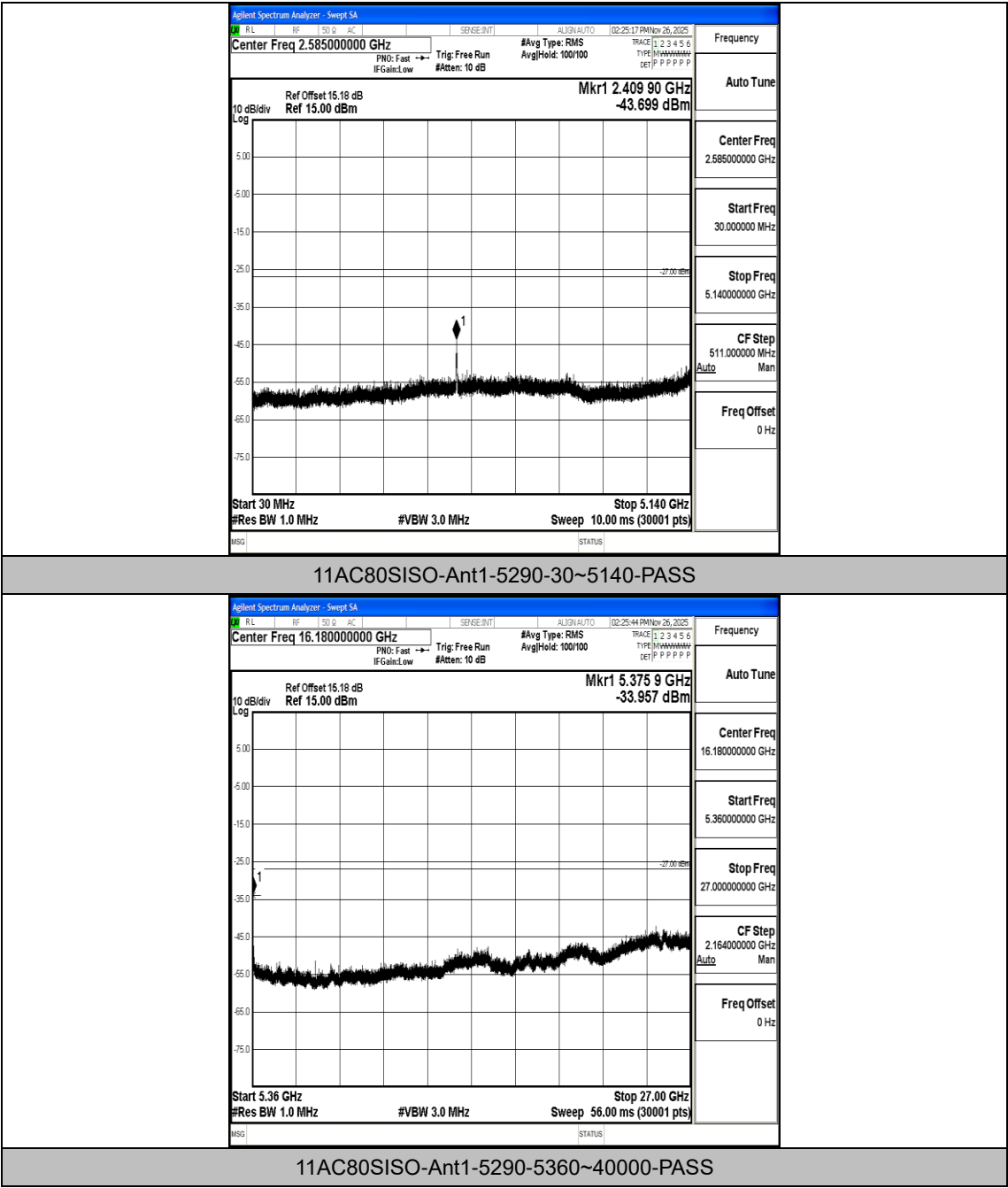


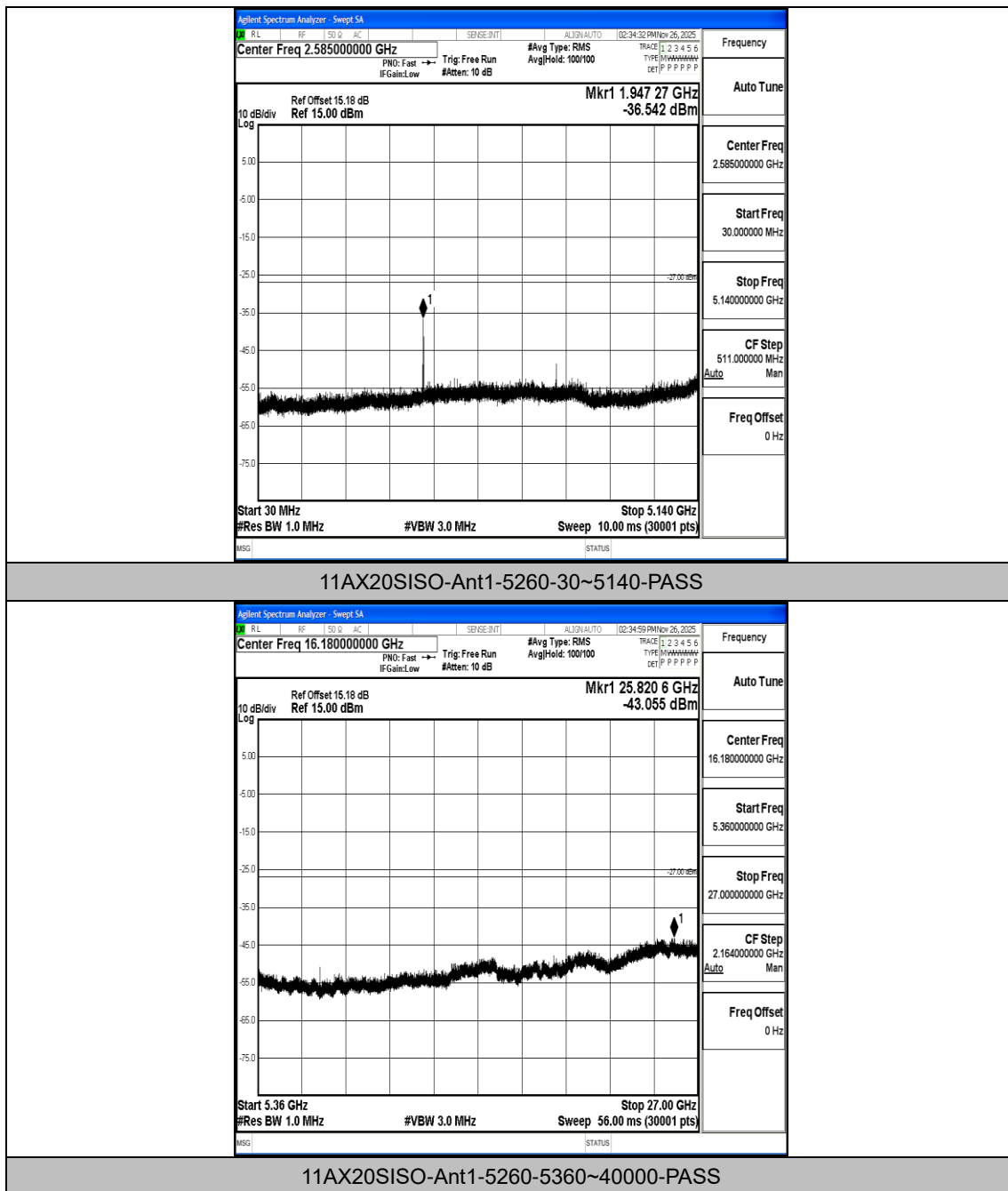


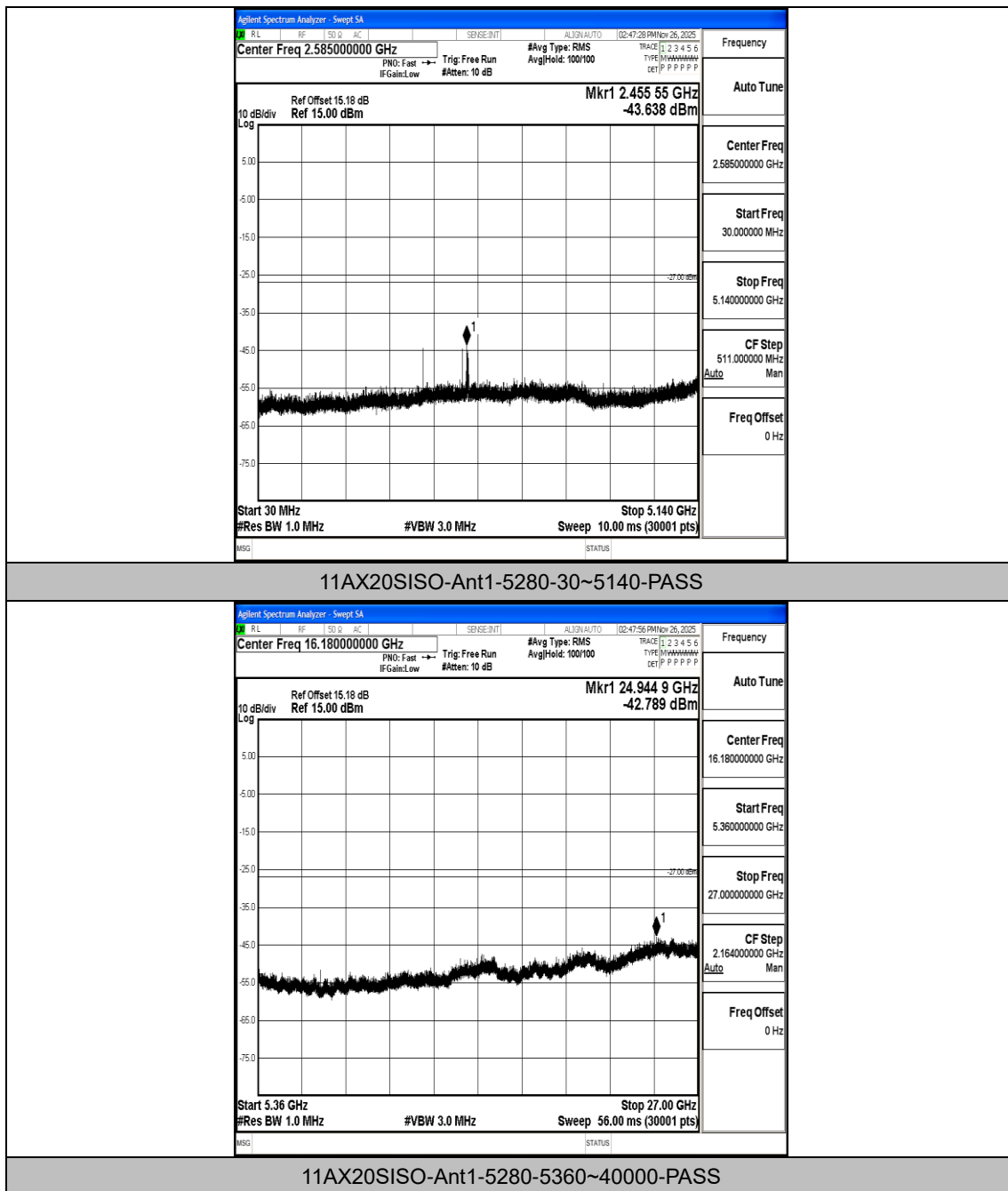


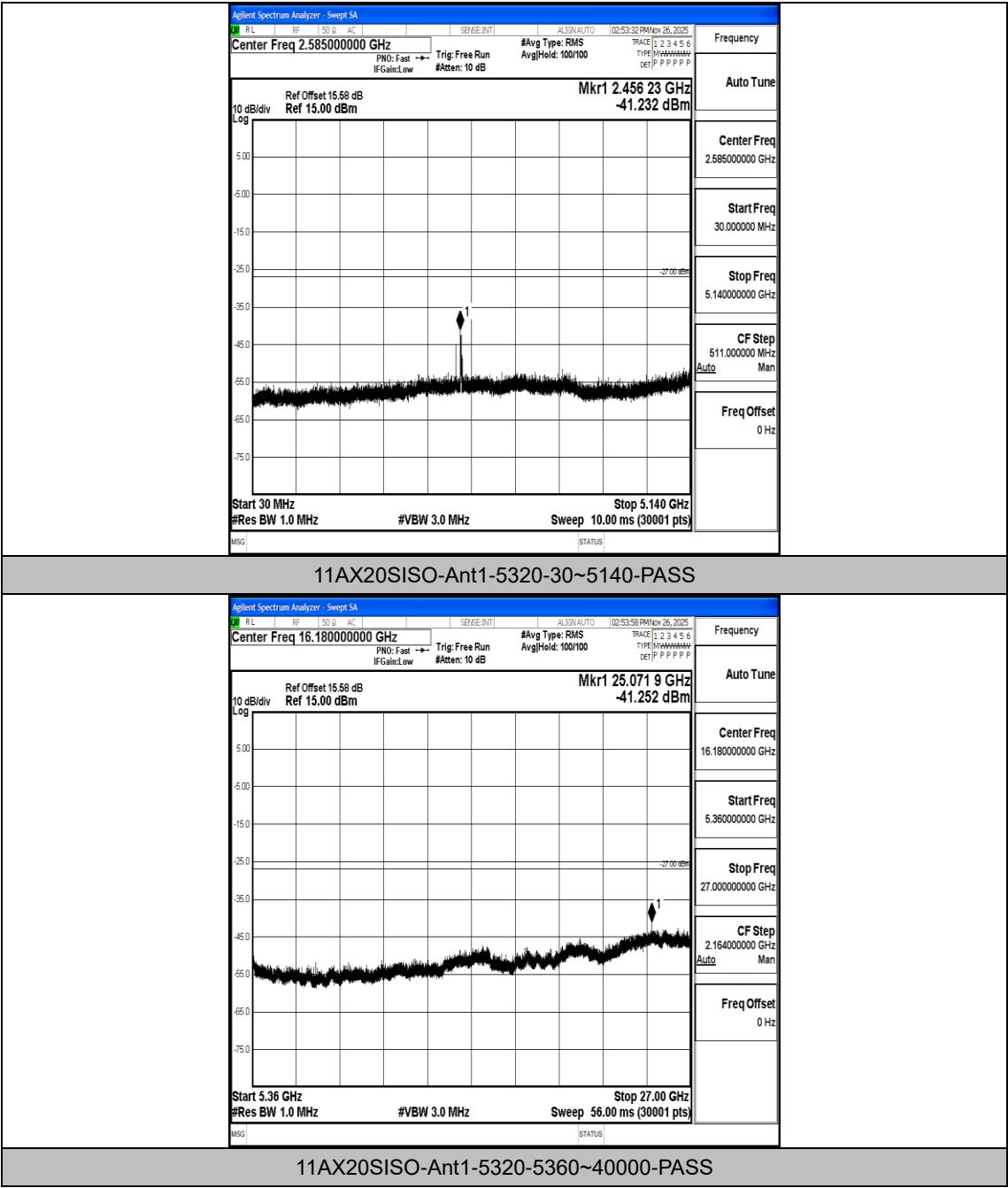


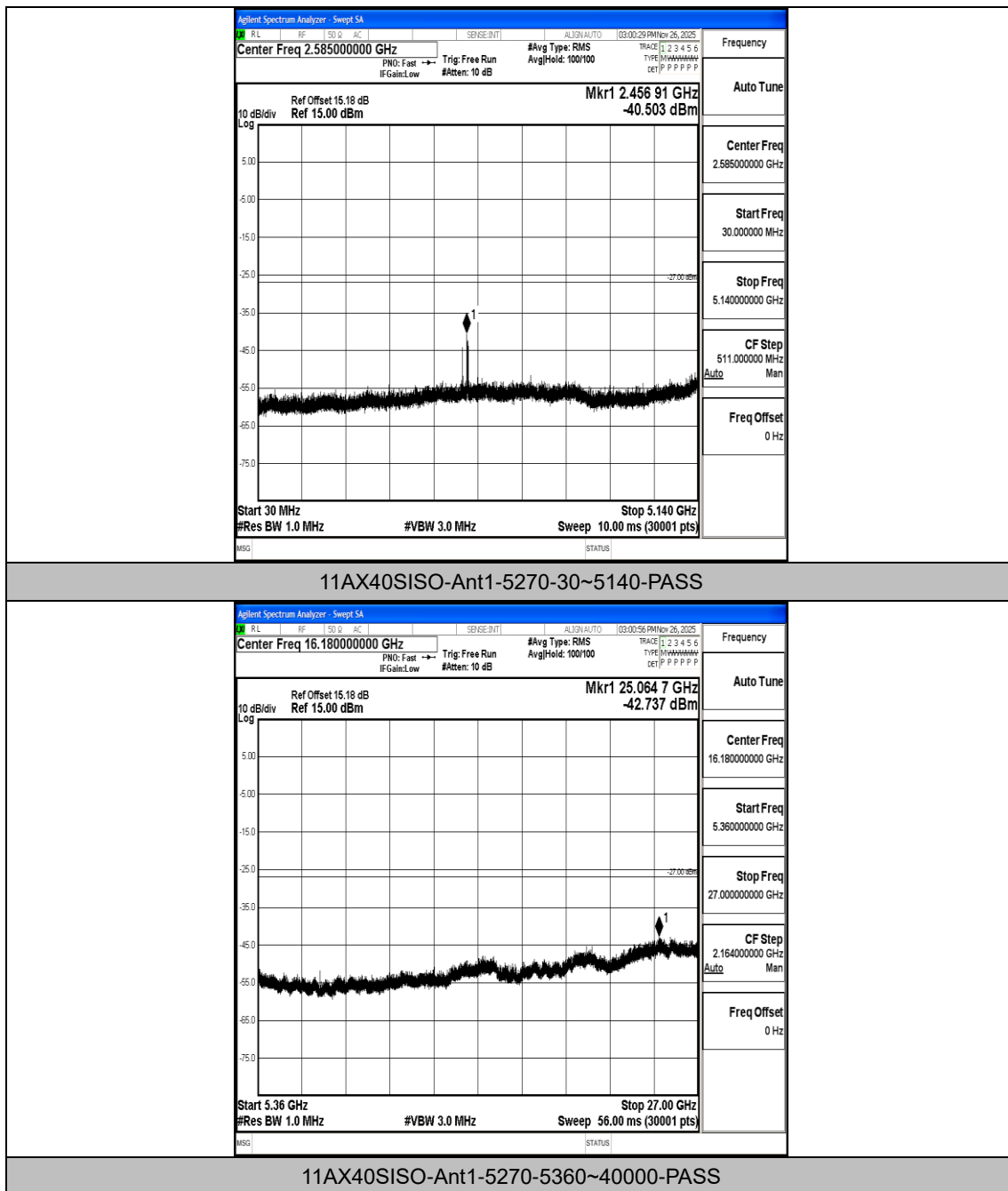


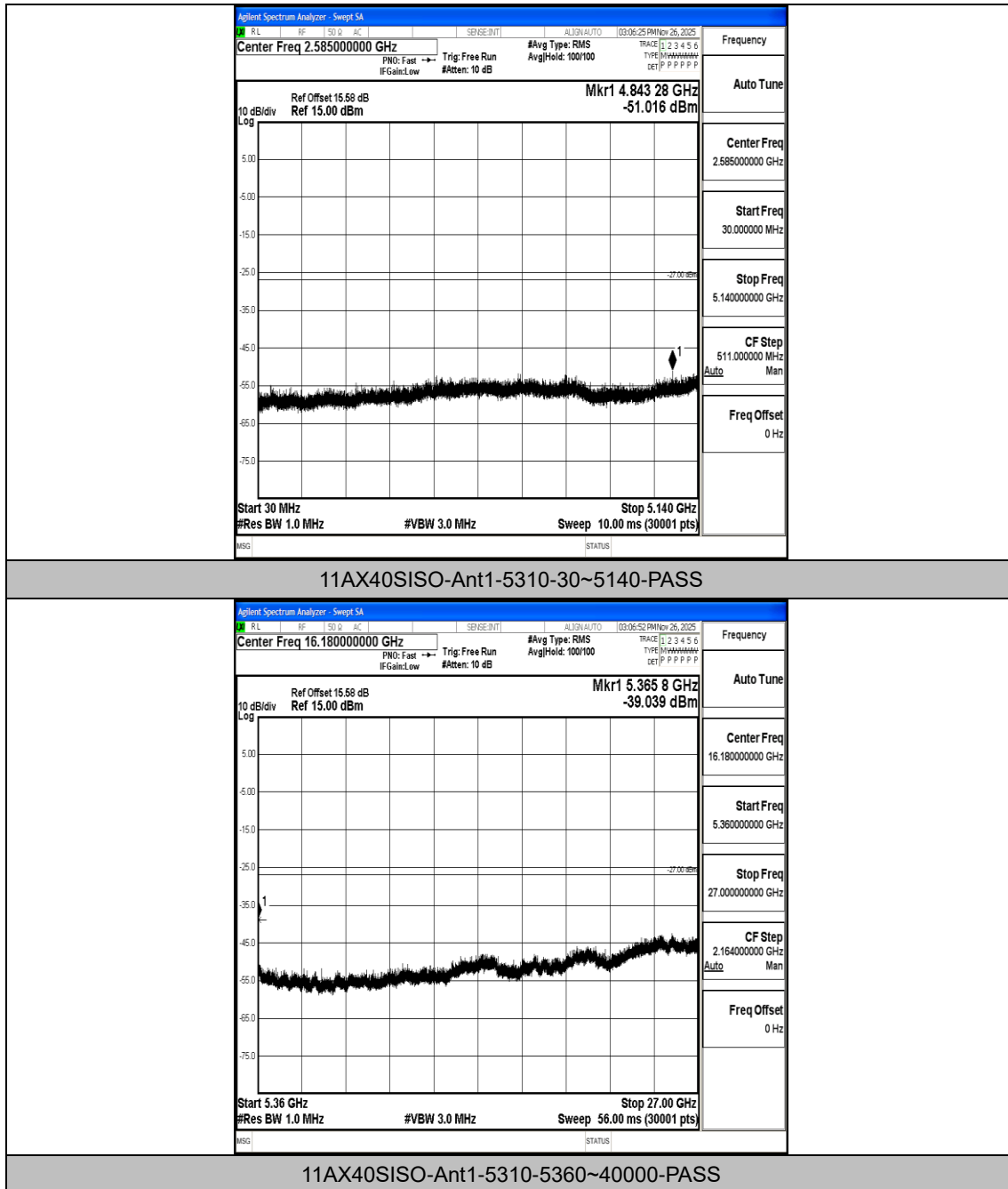


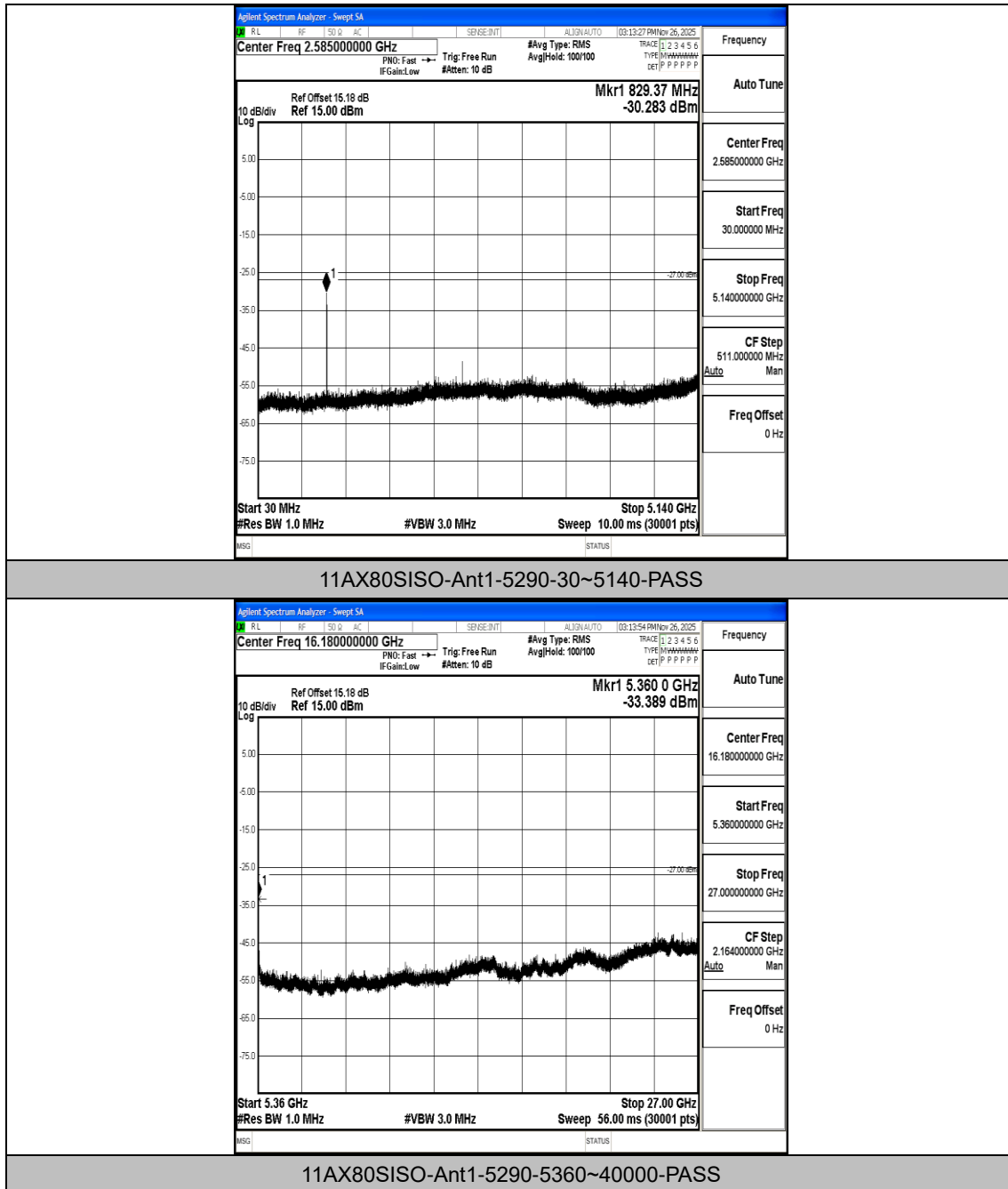












Appendix G: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	NT	-20000.00	-3.787879	20	PASS
11A	Ant1	5280	LV	NT	-20000.00	-3.787879	20	PASS
11A	Ant1	5280	HV	NT	-20000.00	-3.787879	20	PASS
11A	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant1	5260	LV	NT	-40000.00	-7.604563	20	PASS
11N20SISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant1	5280	NV	NT	-20000.00	-3.787879	20	PASS
11N20SISO	Ant1	5280	LV	NT	-20000.00	-3.787879	20	PASS
11N20SISO	Ant1	5280	HV	NT	20000.00	3.787879	20	PASS
11N20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5320	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N40SISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5310	NV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant1	5310	LV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant1	5310	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5280	NV	NT	-20000.00	-3.787879	20	PASS
11AC20SISO	Ant1	5280	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5280	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AC20SISO	Ant1	5320	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AC40SISO	Ant1	5270	NV	NT	-40000.00	-7.590133	20	PASS
11AC40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS

11AC40SISO	Ant1	5310	LV	NT	-40000.00	-7.532957	20	PASS
11AC40SISO	Ant1	5310	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	NV	NT	-80000.00	-15.122873	20	PASS
11AC80SISO	Ant1	5290	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	HV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant1	5280	NV	NT	-20000.00	-3.787879	20	PASS
11AX20SISO	Ant1	5280	LV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5280	HV	NT	-20000.00	-3.787879	20	PASS
11AX20SISO	Ant1	5320	NV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant1	5320	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5310	NV	NT	40000.00	7.532957	20	PASS
11AX40SISO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5310	HV	NT	-40000.00	-7.532957	20	PASS
11AX80SISO	Ant1	5290	NV	NT	80000.00	15.122873	20	PASS
11AX80SISO	Ant1	5290	LV	NT	80000.00	15.122873	20	PASS
11AX80SISO	Ant1	5290	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-10	-20000.00	-3.787879	20	PASS
11A	Ant1	5280	NV	0	-20000.00	-3.787879	20	PASS
11A	Ant1	5280	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	20	-40000.00	-7.575758	20	PASS
11A	Ant1	5280	NV	30	-20000.00	-3.787879	20	PASS
11A	Ant1	5280	NV	40	-20000.00	-3.787879	20	PASS