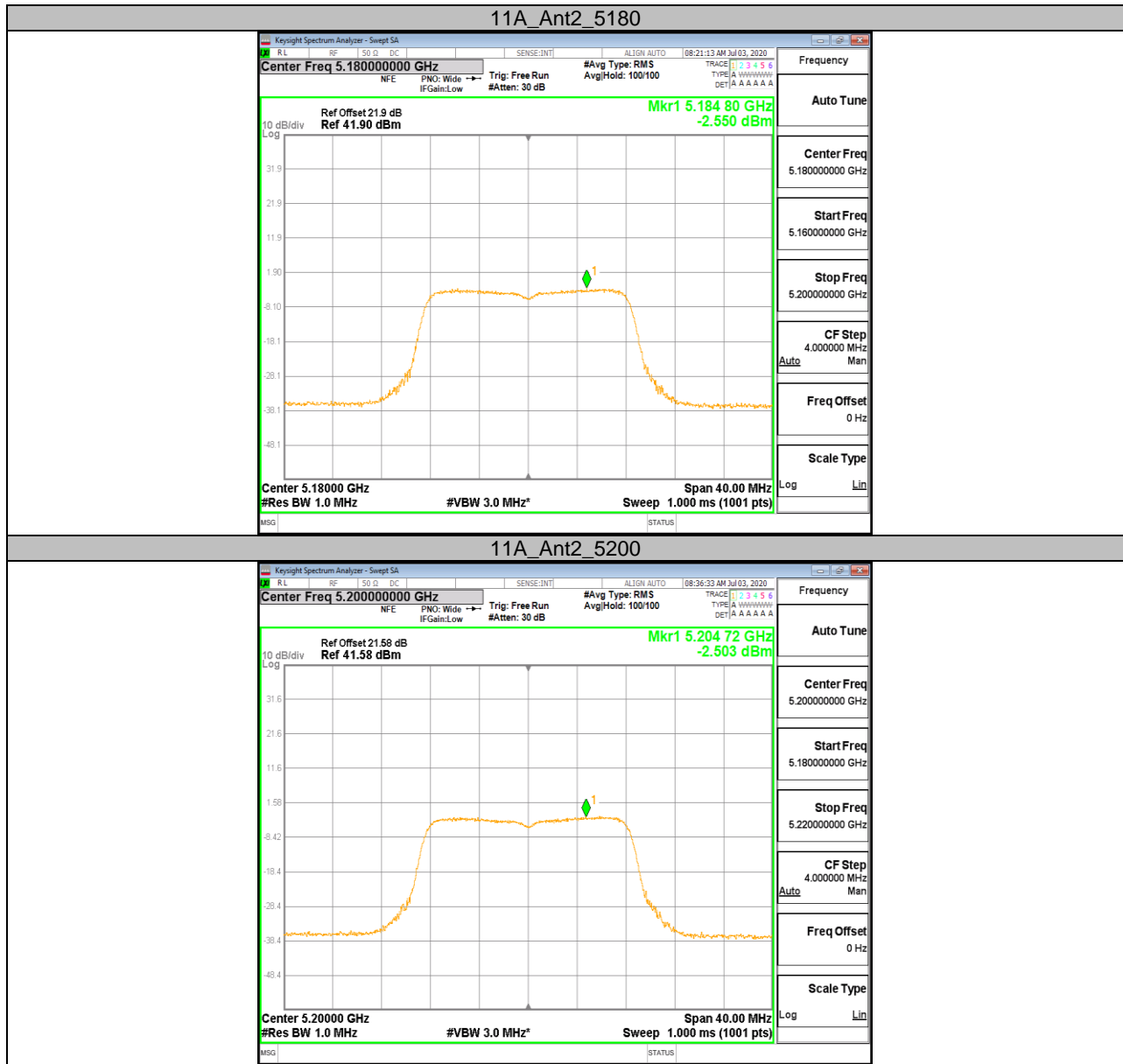
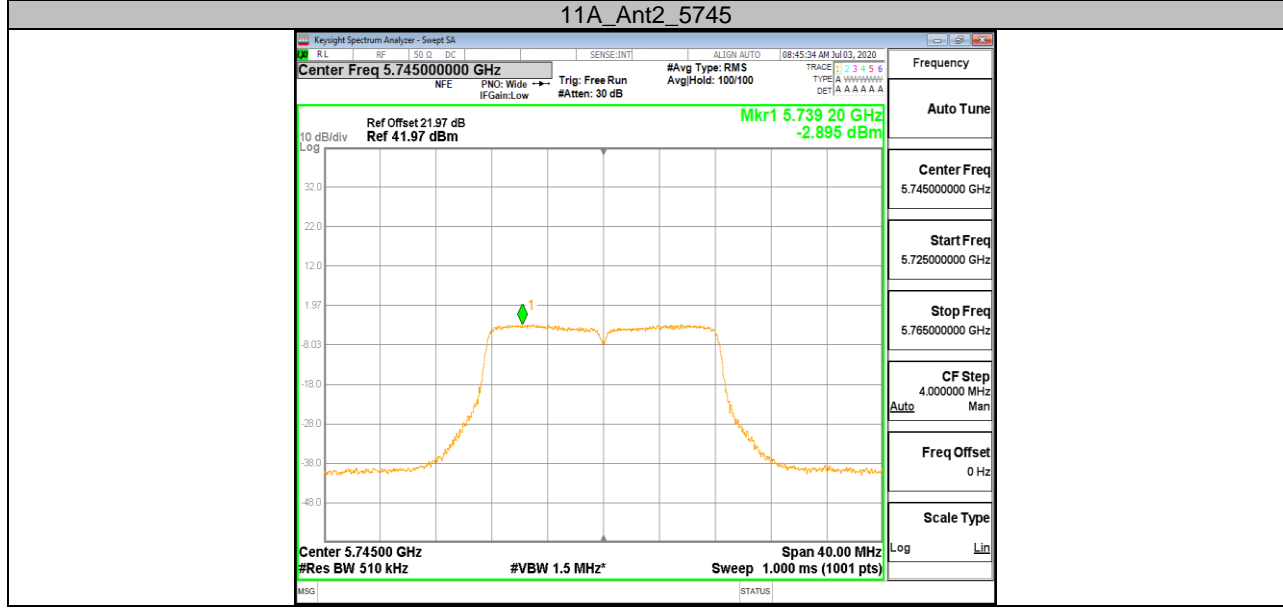
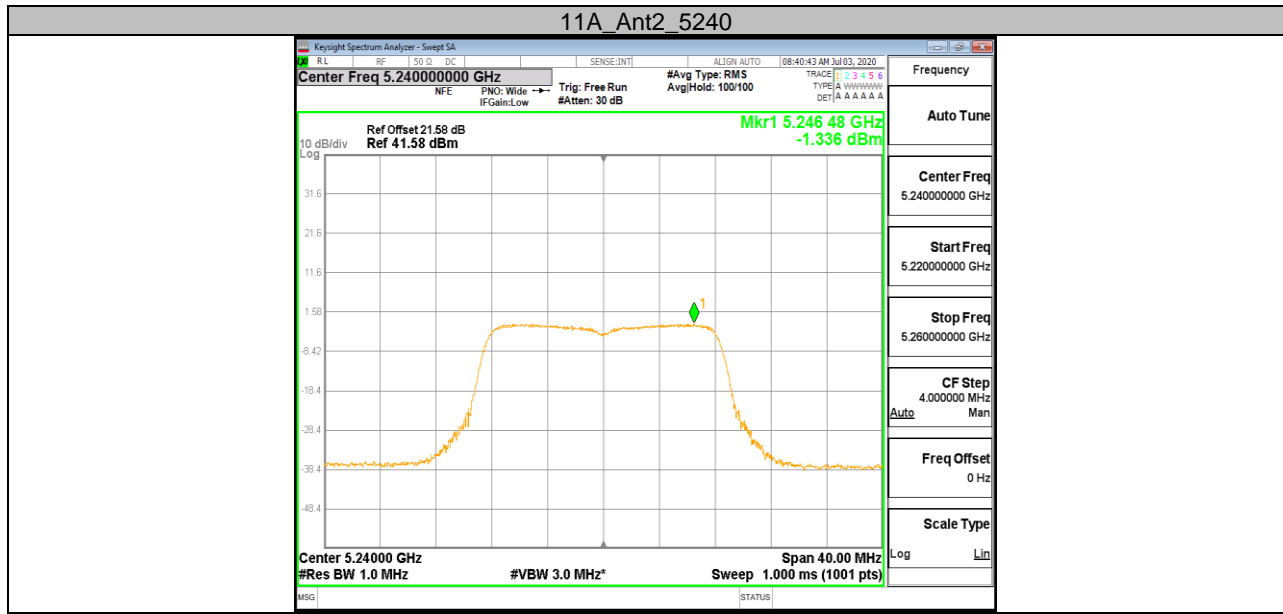
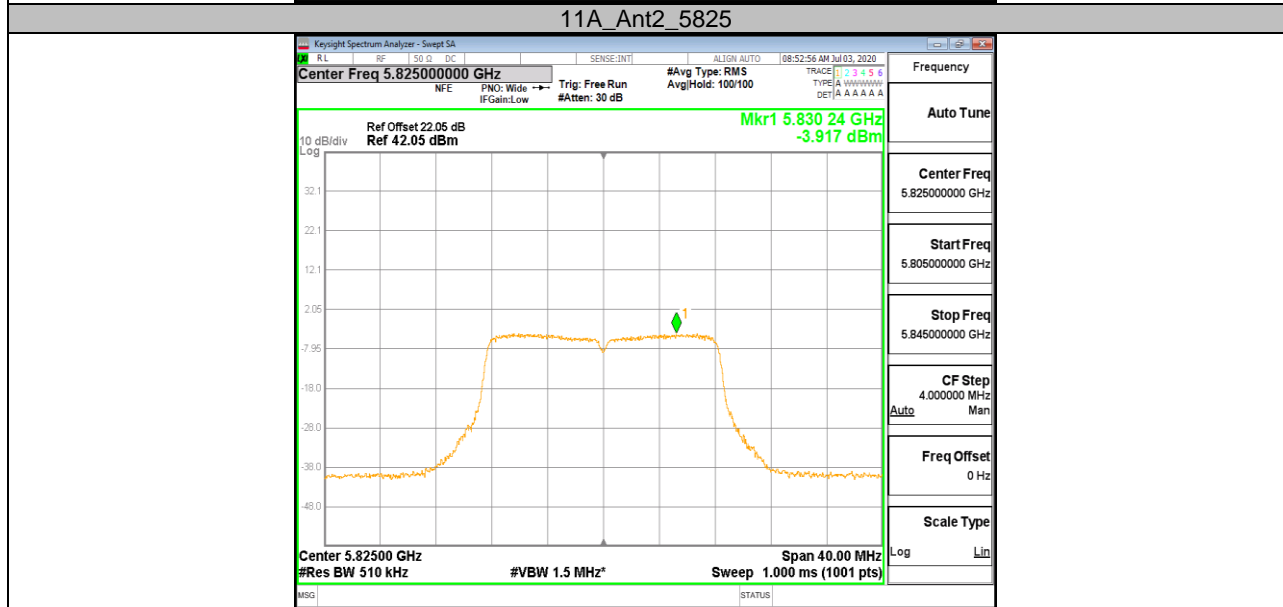
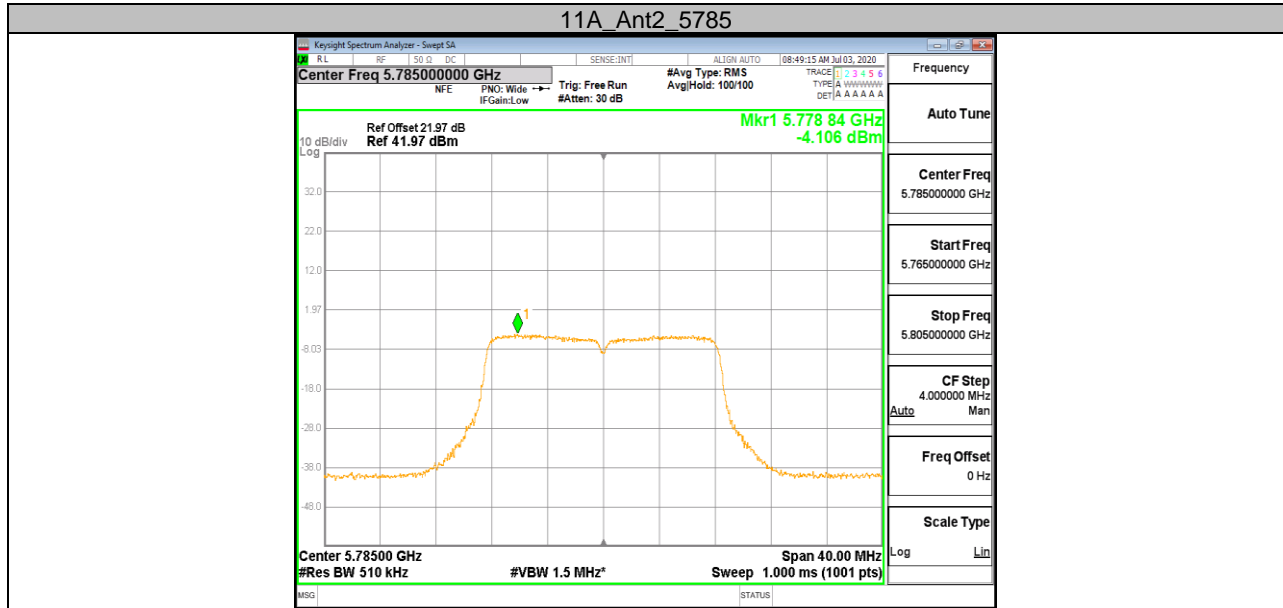


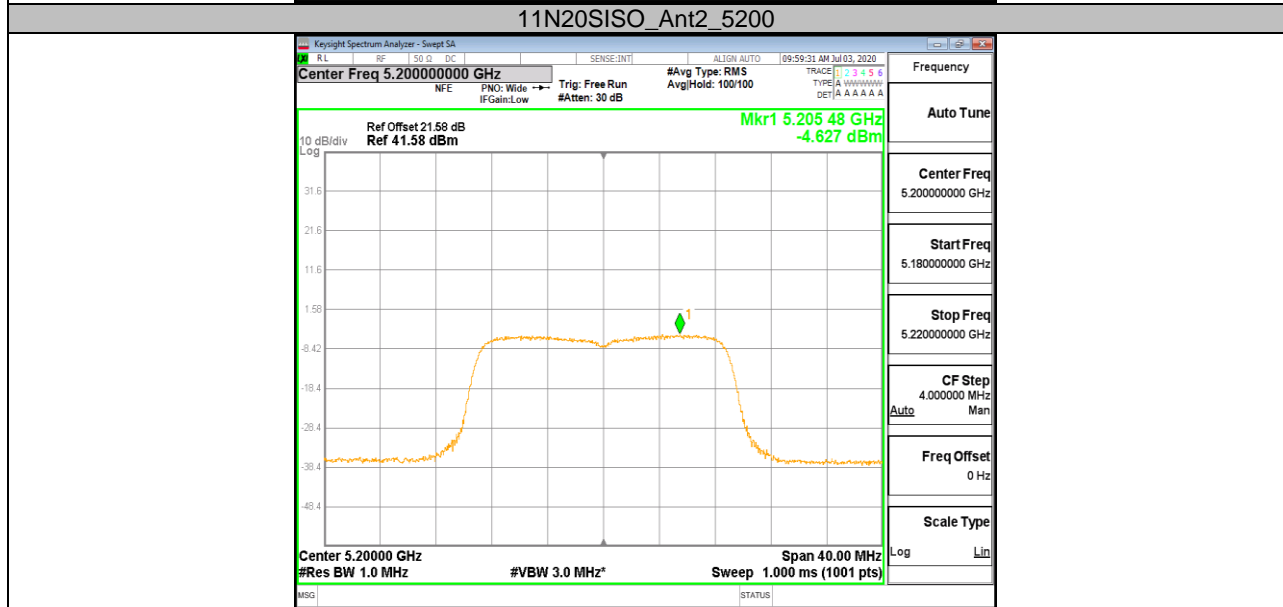
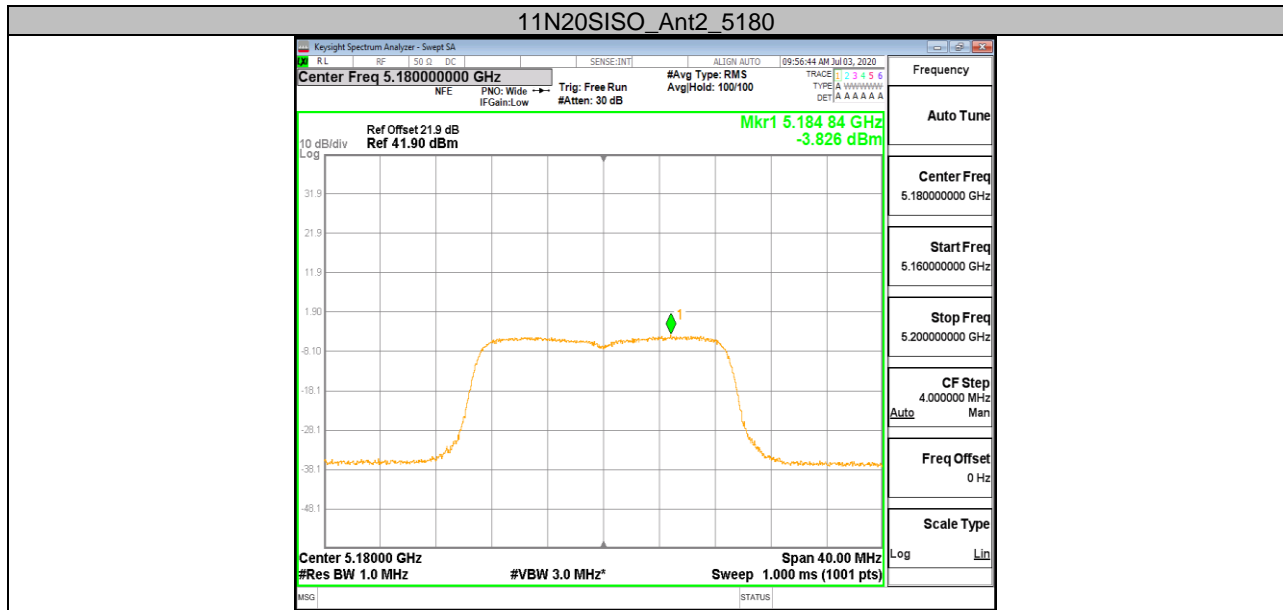


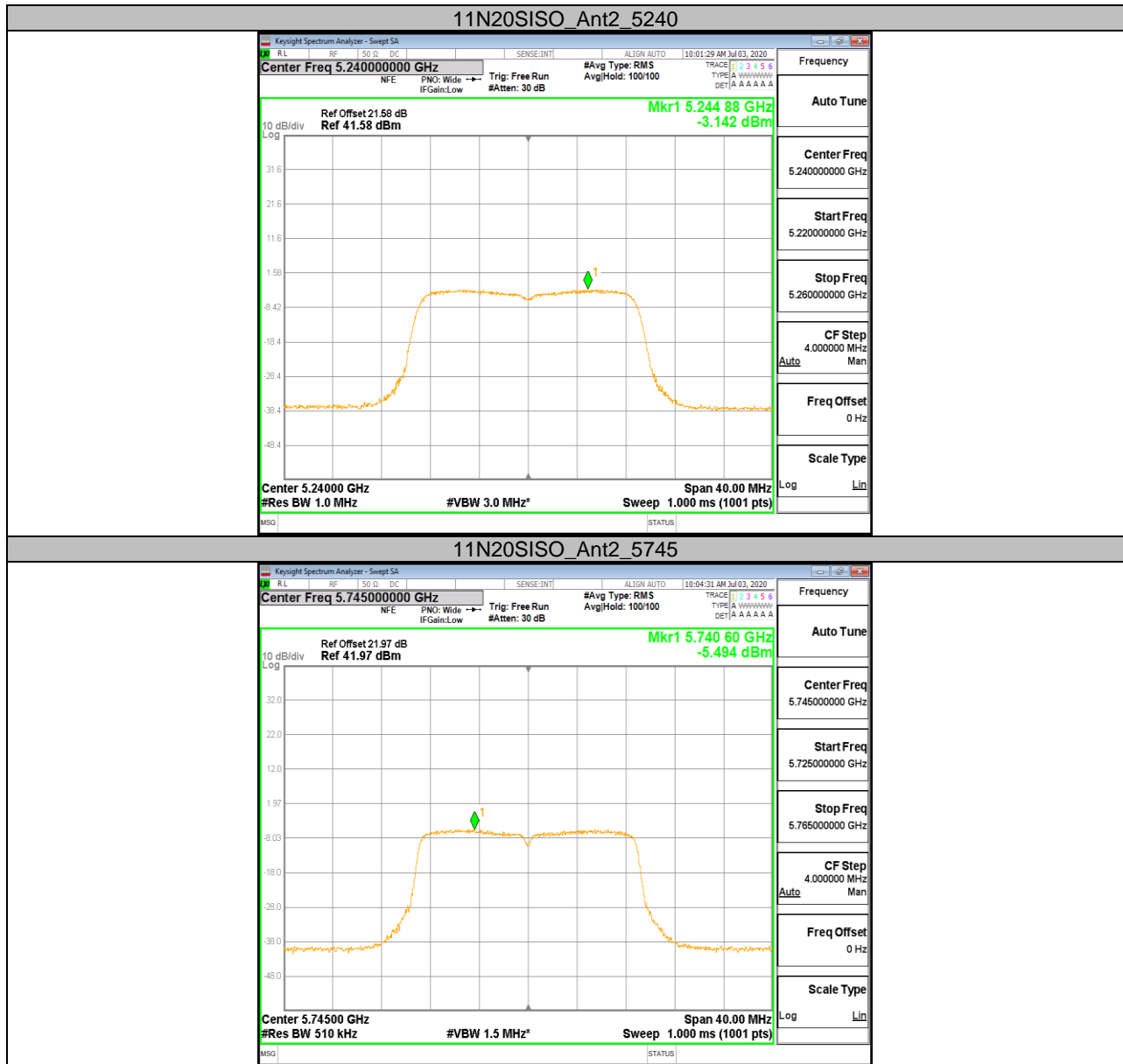
11.5.2. Test Graphs

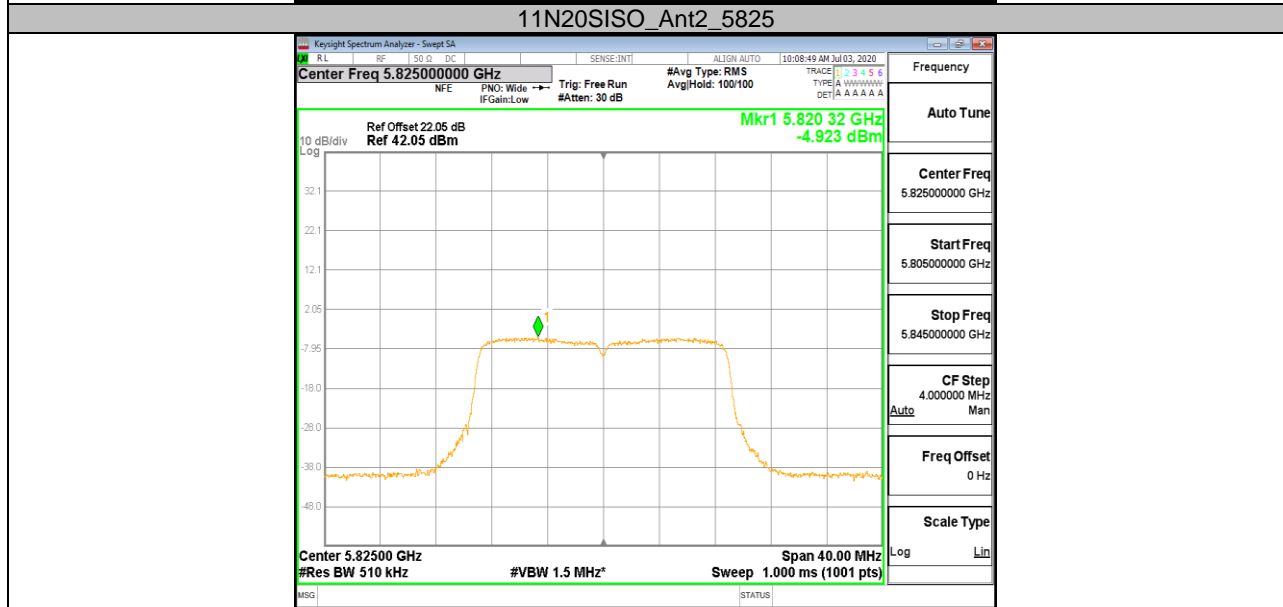
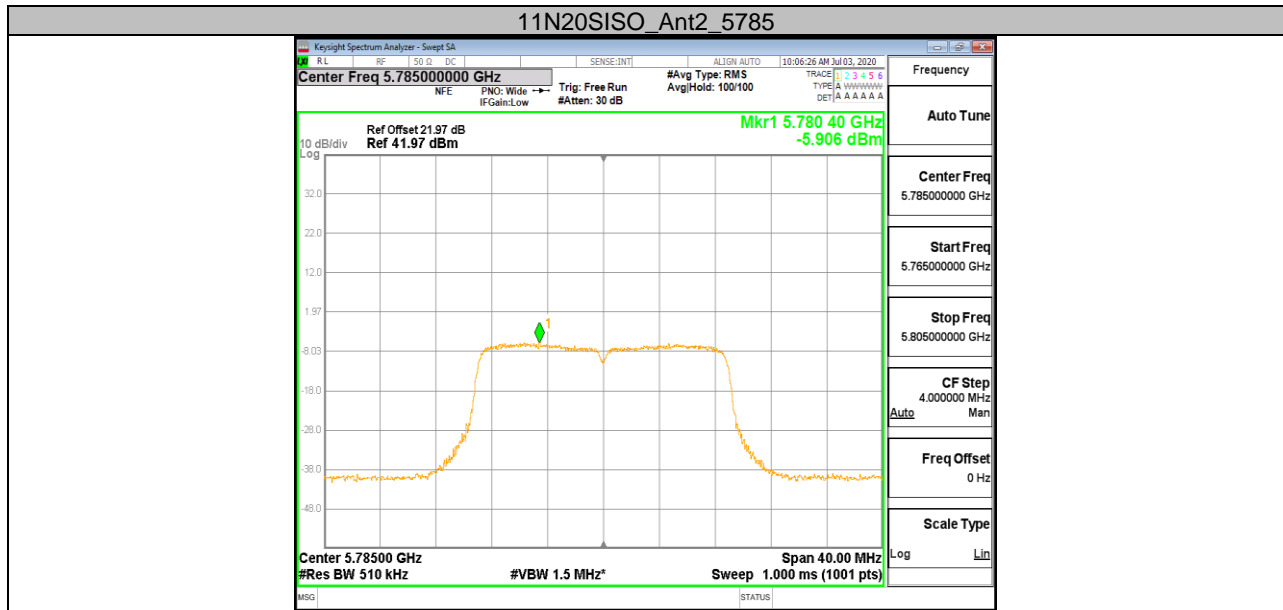


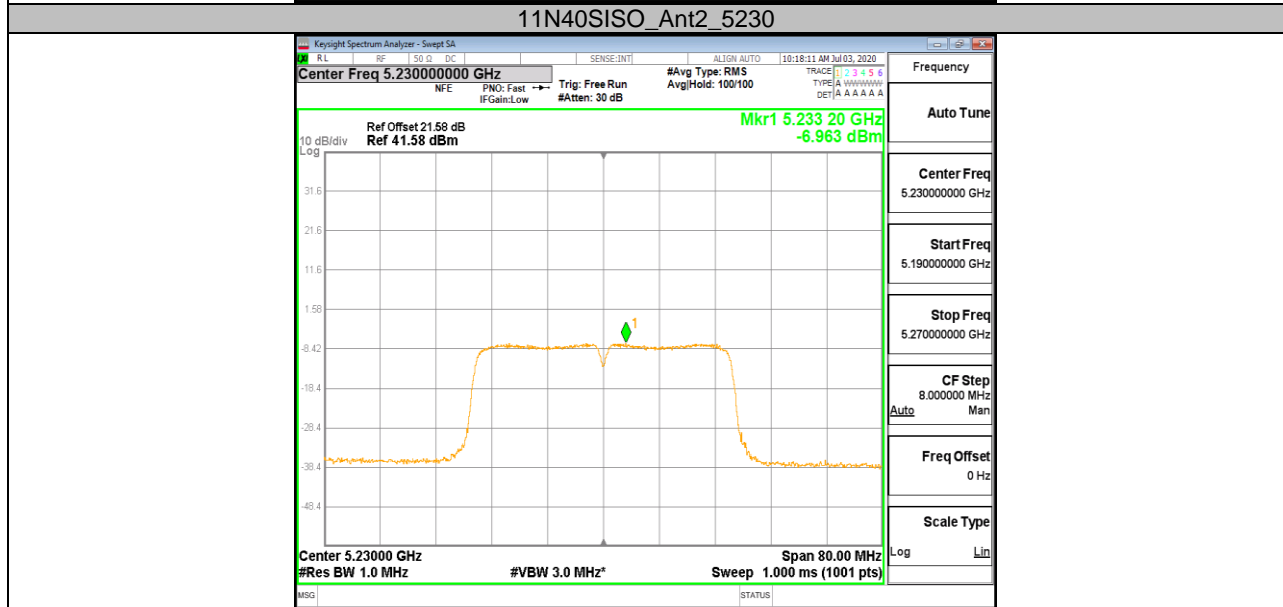
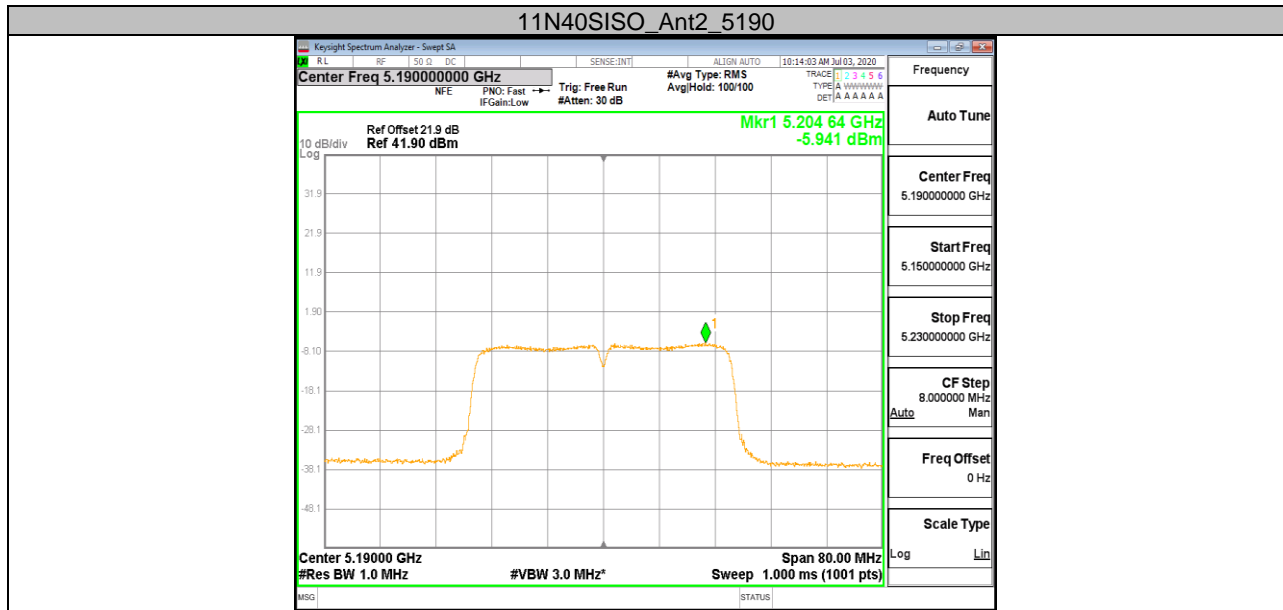


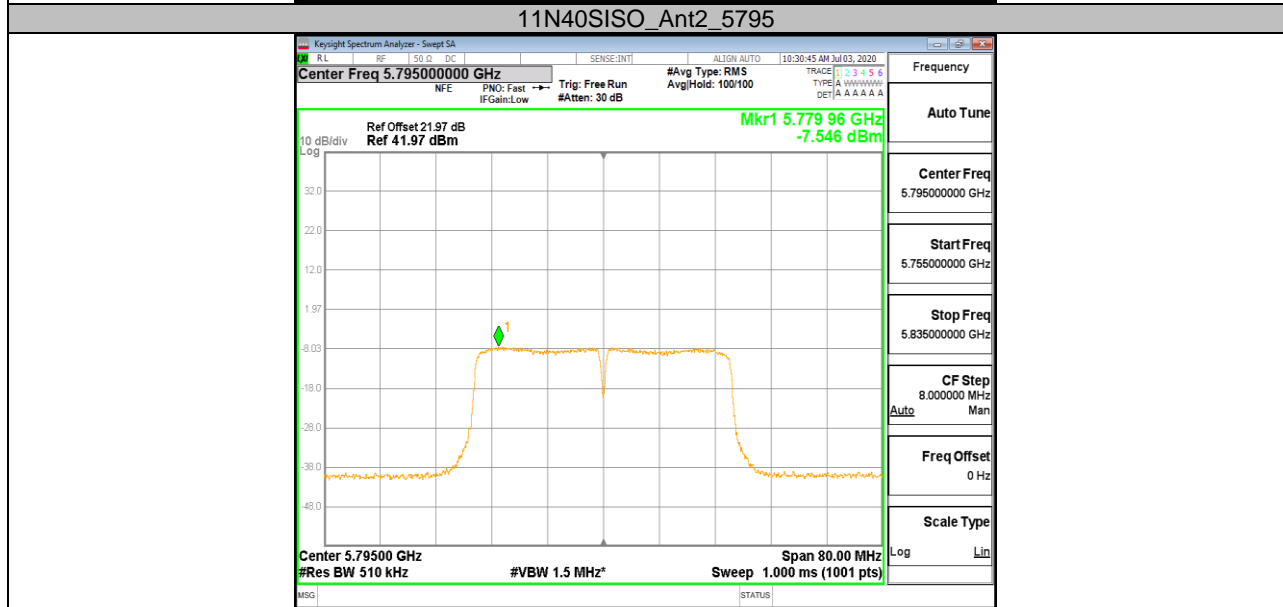
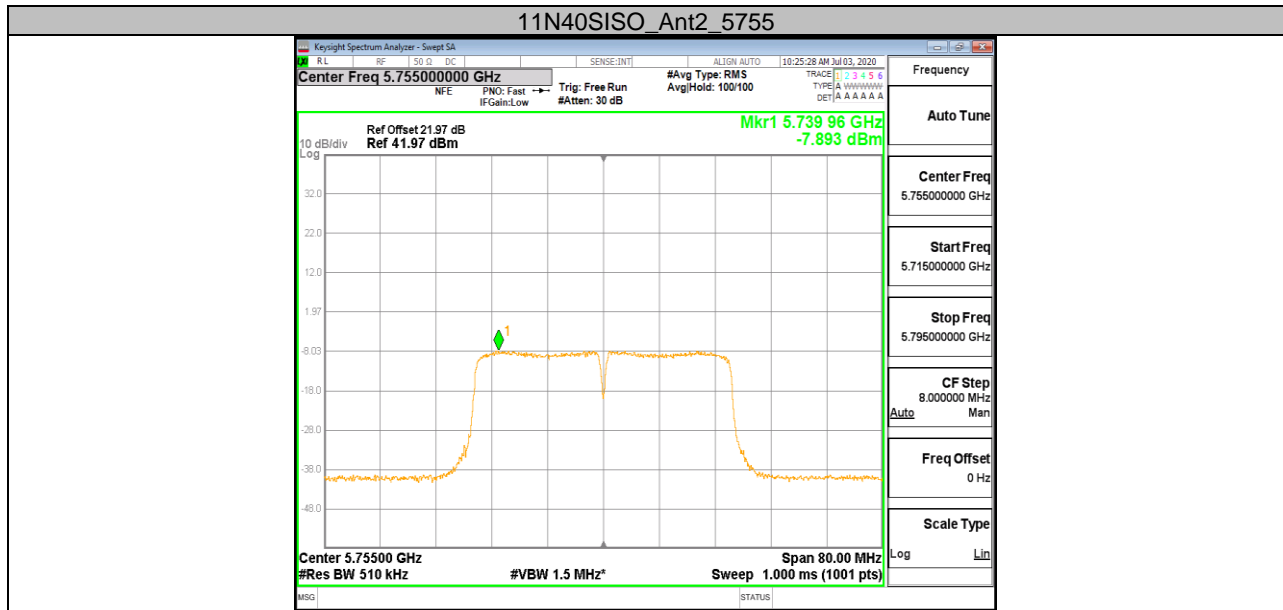


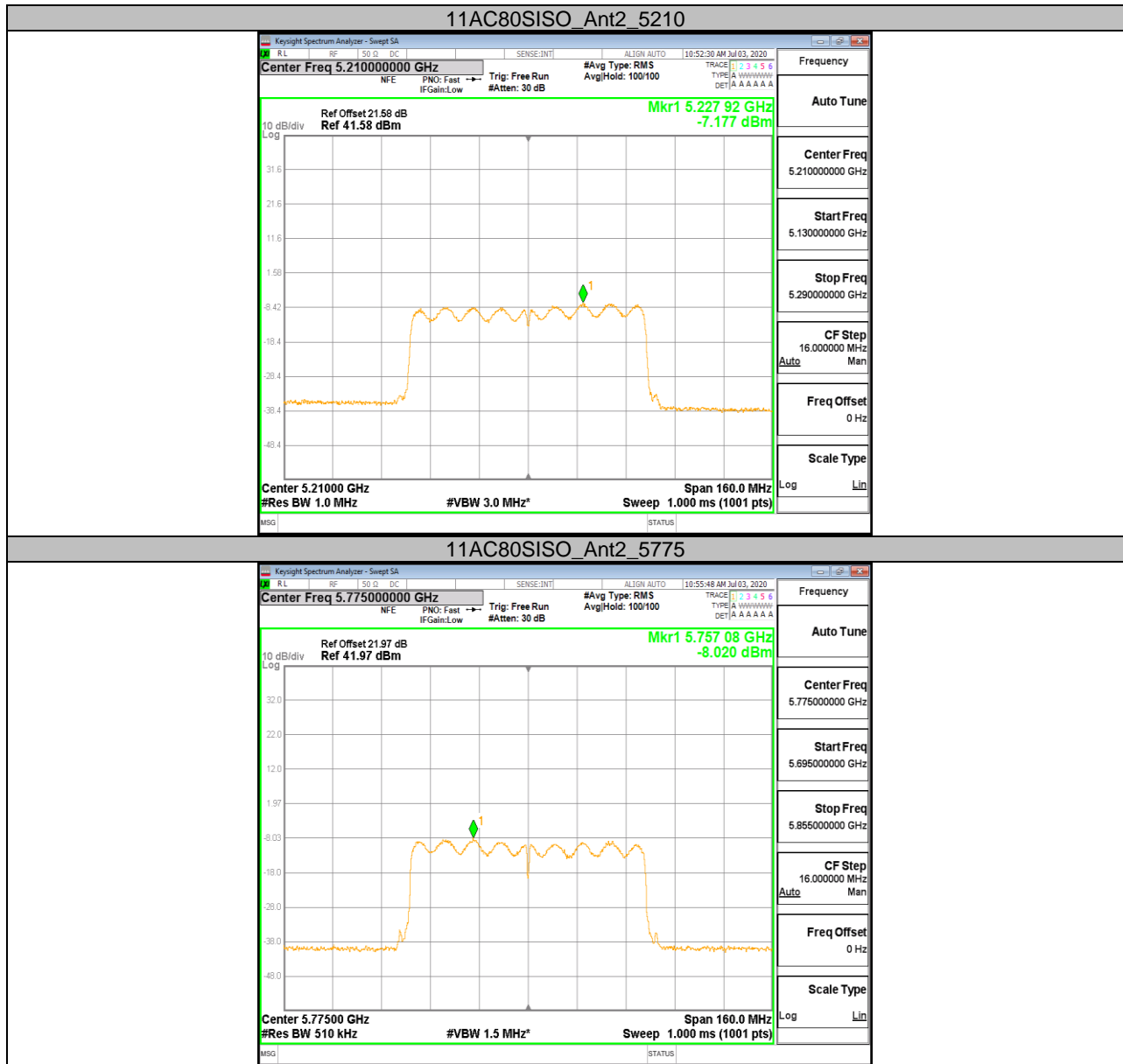














11.6. Appendix D: Duty Cycle

11.6.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A20	100	100	1.0	100%	0	0.01	0.01
11N20SISO	100	100	1.0	100%	0	0.01	0.01
11N40SISO	100	100	1.0	100%	0	0.01	0.01
11AC20SISO	100	100	1.0	100%	0	0.01	0.01
11AC40SISO	100	100	1.0	100%	0	0.01	0.01
11AC80SISO	100	100	1.0	100%	0	0.01	0.01

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

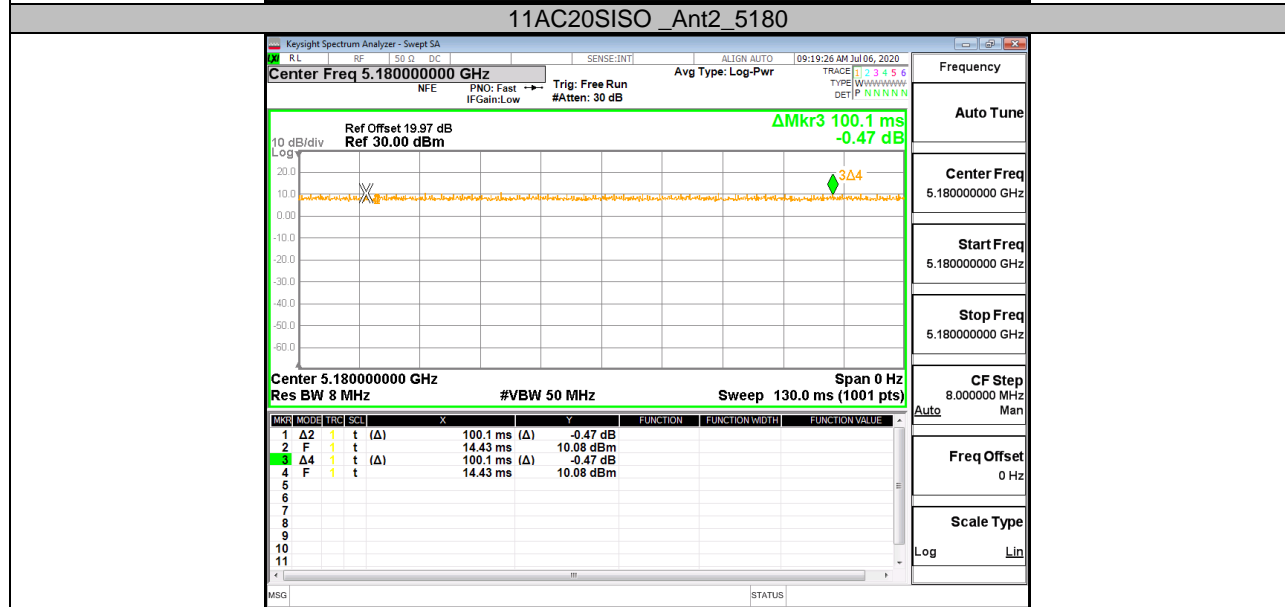
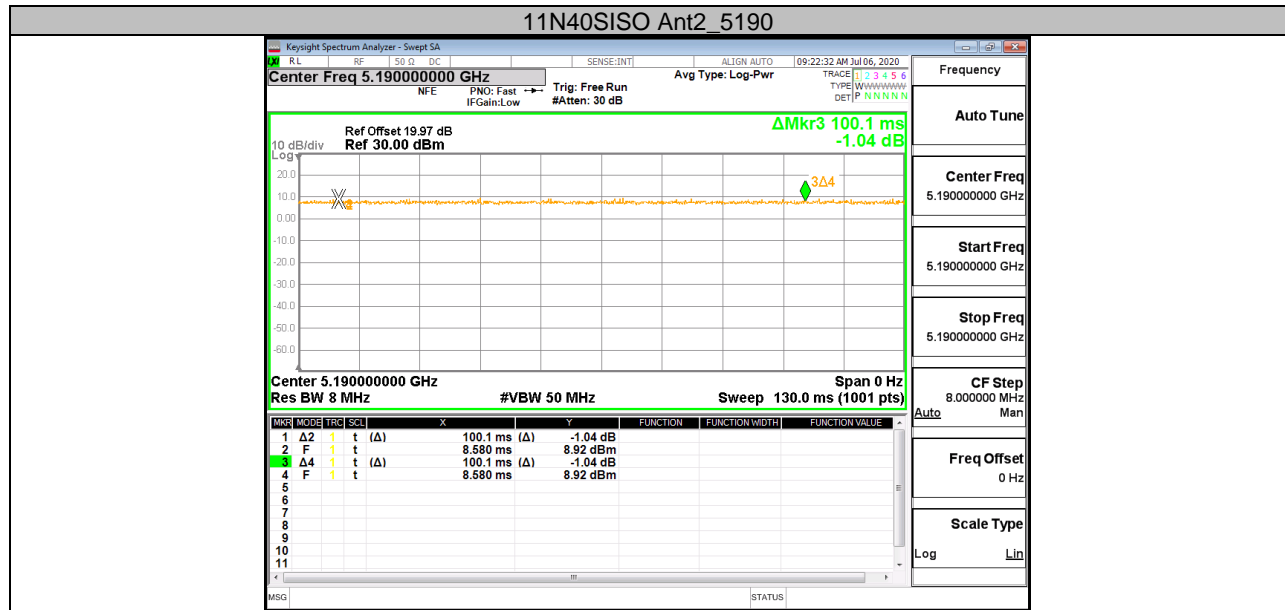
Where: T is On Time

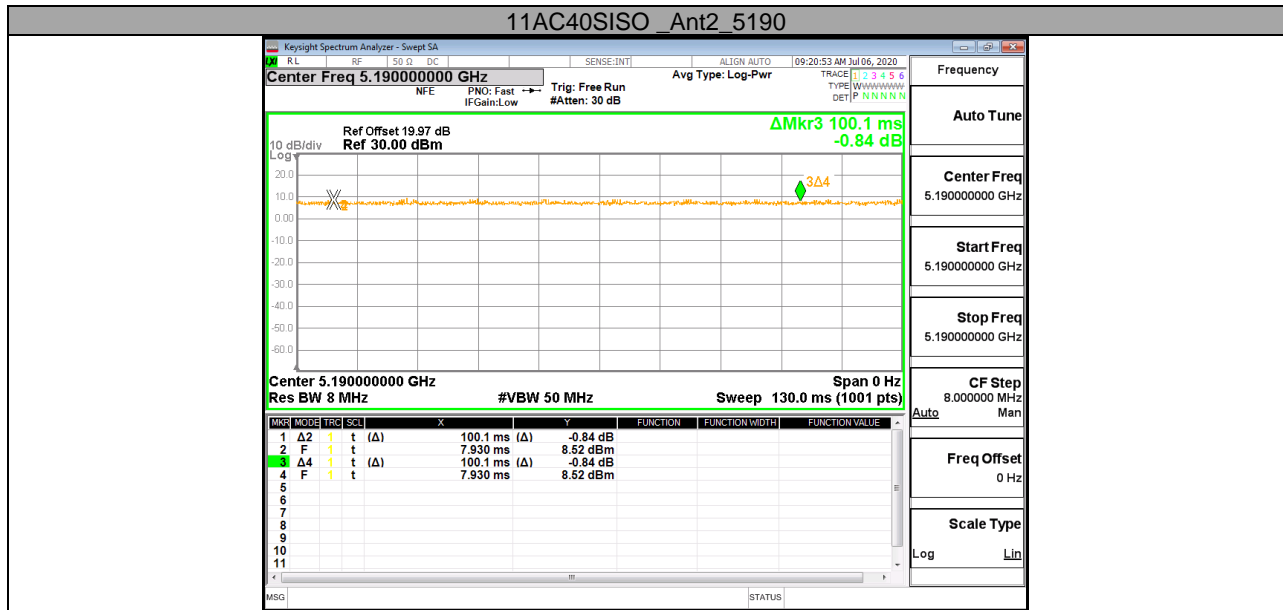
If that calculated VBW is not available on the analyzer then the next higher value should be used.



11.6.2. Test Graphs









11.7. Appendix E: Frequency Stability
11.7.1. Test Result

Frequency Error vs. Voltage									
802.11a20:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0150	2.89	5199.9785	-4.14	5199.9893	-2.05	5199.9948	-1.00
TN	VN	5200.0127	2.44	5199.9794	-3.95	5199.9826	-3.34	5199.9864	-2.61
TN	VH	5200.0100	1.93	5199.9757	-4.67	5199.9959	-0.79	5200.0227	4.37
Frequency Error vs. Temperature									
802.11a20:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5200.0043	0.84	5200.0098	1.88	5200.0143	2.75	5199.9750	-4.81
30	VN	5200.0223	4.29	5199.9871	-2.47	5200.0070	1.36	5200.0130	2.49
20	VN	5200.0096	1.84	5199.9964	-0.69	5200.0071	1.37	5200.0132	2.53
10	VN	5200.0035	0.67	5199.9876	-2.39	5199.9885	-2.22	5200.0054	1.04
0	VN	5200.0044	0.85	5200.0166	3.19	5199.9895	-2.03	5200.0052	0.99
Frequency Error vs. Voltage									
802.11a20:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5825.0011	0.19	5824.9817	-3.14	5825.0161	2.76	5824.9929	-1.21
TN	VN	5825.0181	3.11	5825.0230	3.96	5825.0013	0.22	5824.9850	-2.57
TN	VH	5825.0130	2.23	5825.0105	1.80	5824.9943	-0.99	5824.9762	-4.08
Frequency Error vs. Temperature									
802.11a20:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5824.9898	-1.75	5824.9762	-4.08	5824.9762	-4.09	5824.9786	-3.67
30	VN	5824.9933	-1.15	5825.0236	4.05	5824.9841	-2.73	5825.0230	3.95
20	VN	5824.9815	-3.18	5825.0089	1.52	5824.9931	-1.18	5824.9753	-4.24
10	VN	5824.9842	-2.71	5825.0215	3.69	5825.0116	2.00	5824.9874	-2.16
0	VN	5825.0231	3.97	5824.9781	-3.76	5824.9837	-2.81	5825.0193	3.31

Note: All the test modes have been tested, only the worst data record in the report.

END OF REPORT