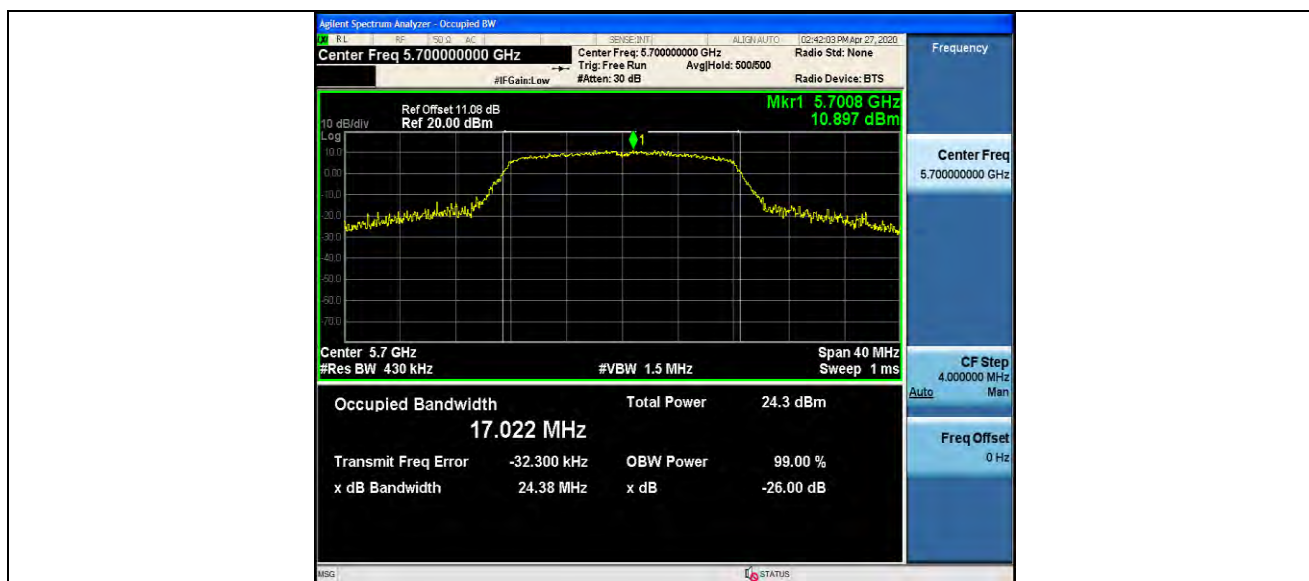
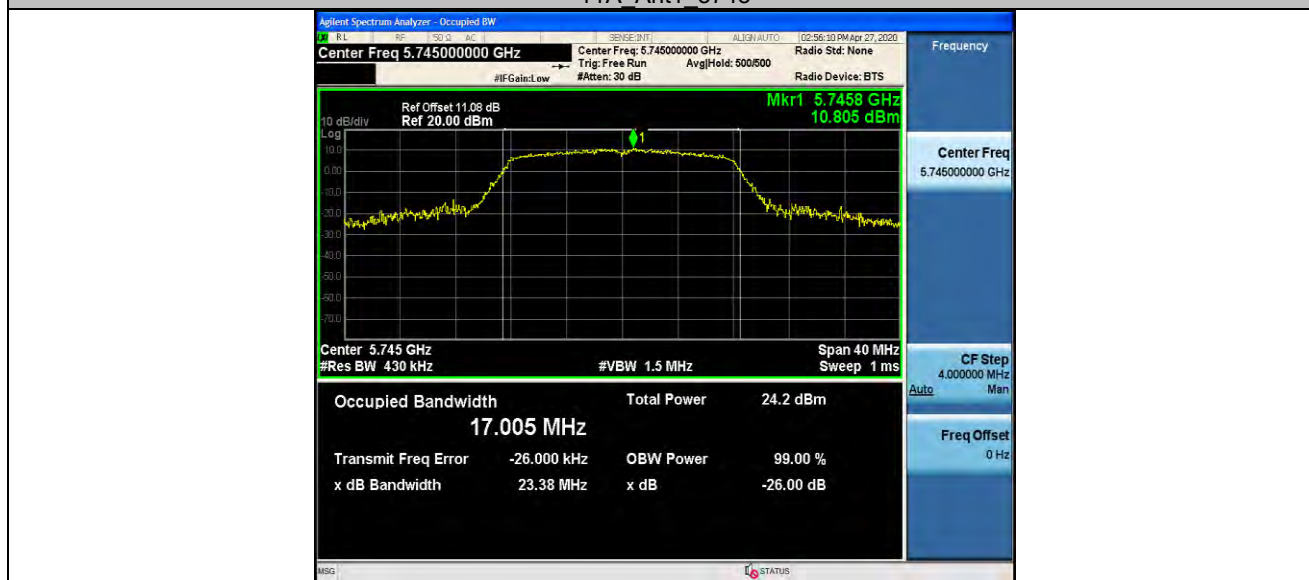


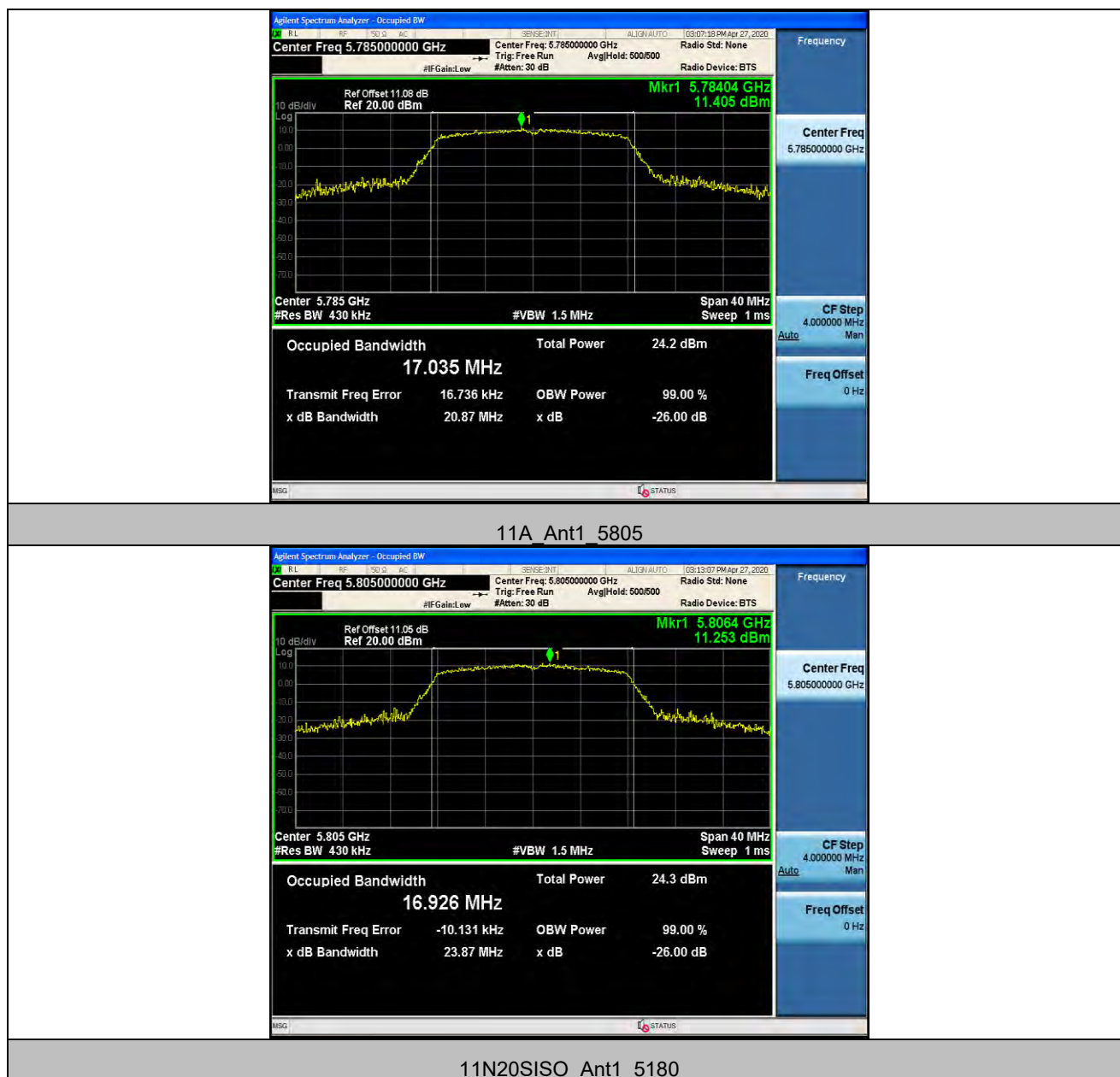


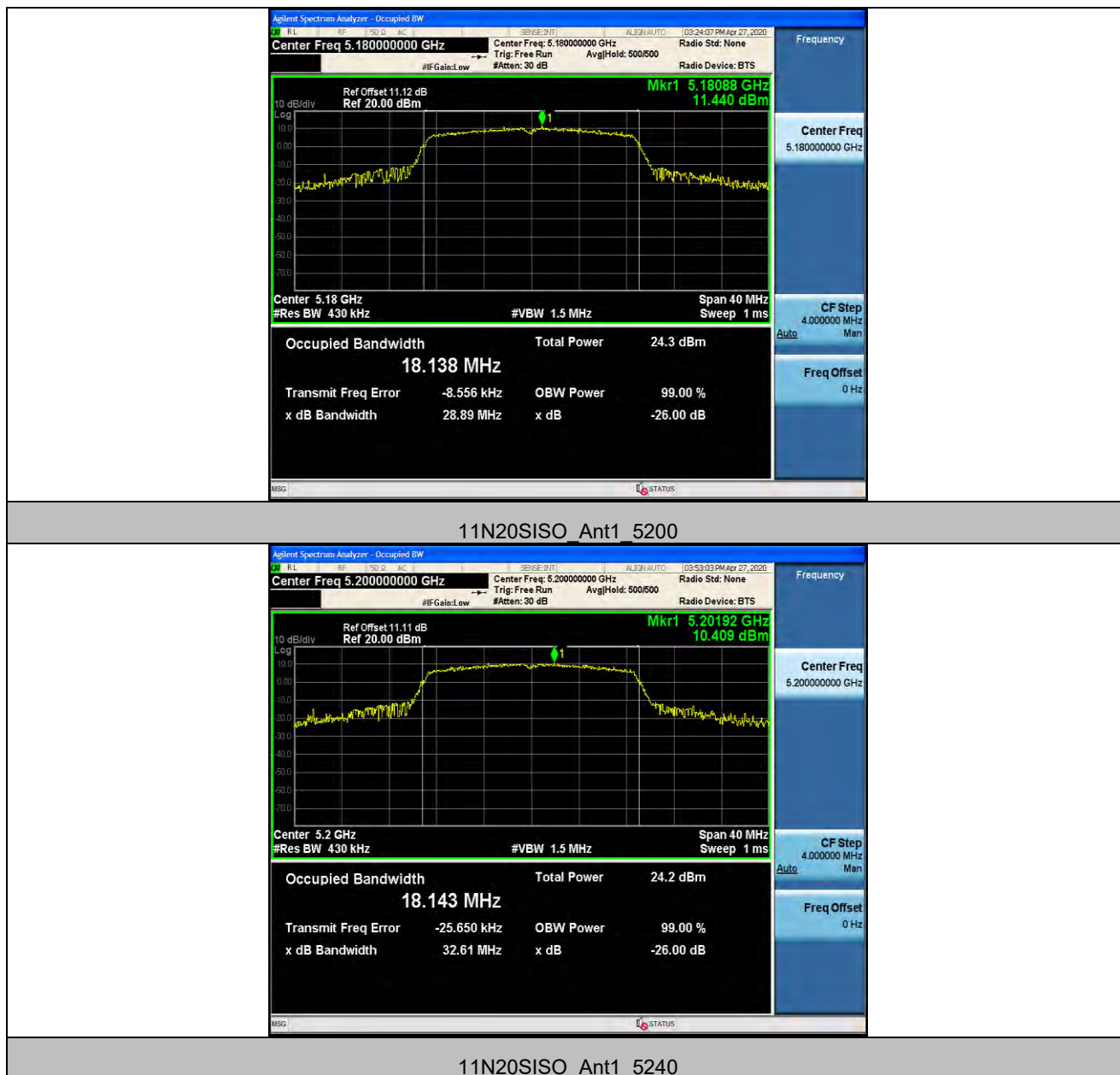
11A Ant1 5745

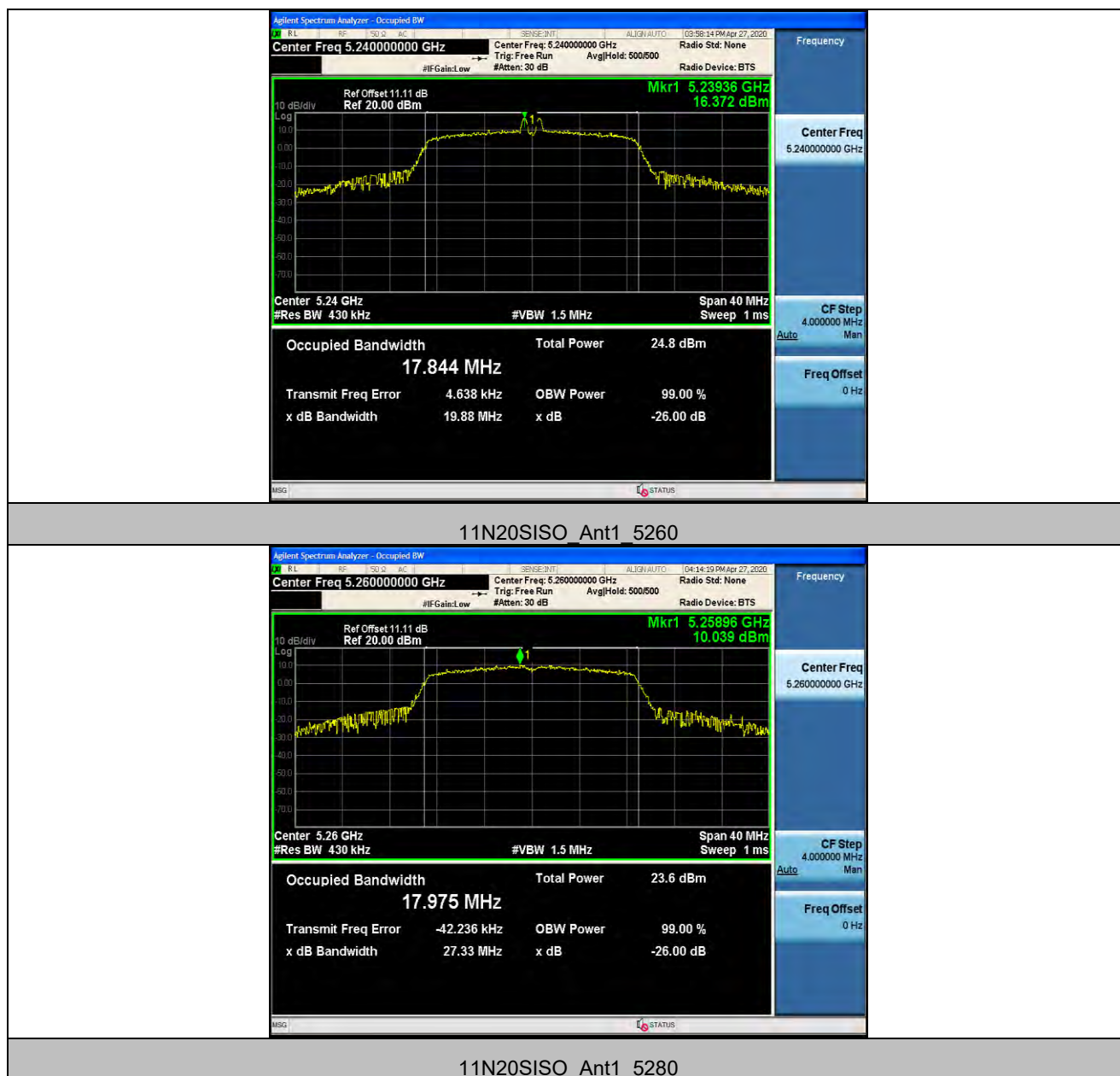


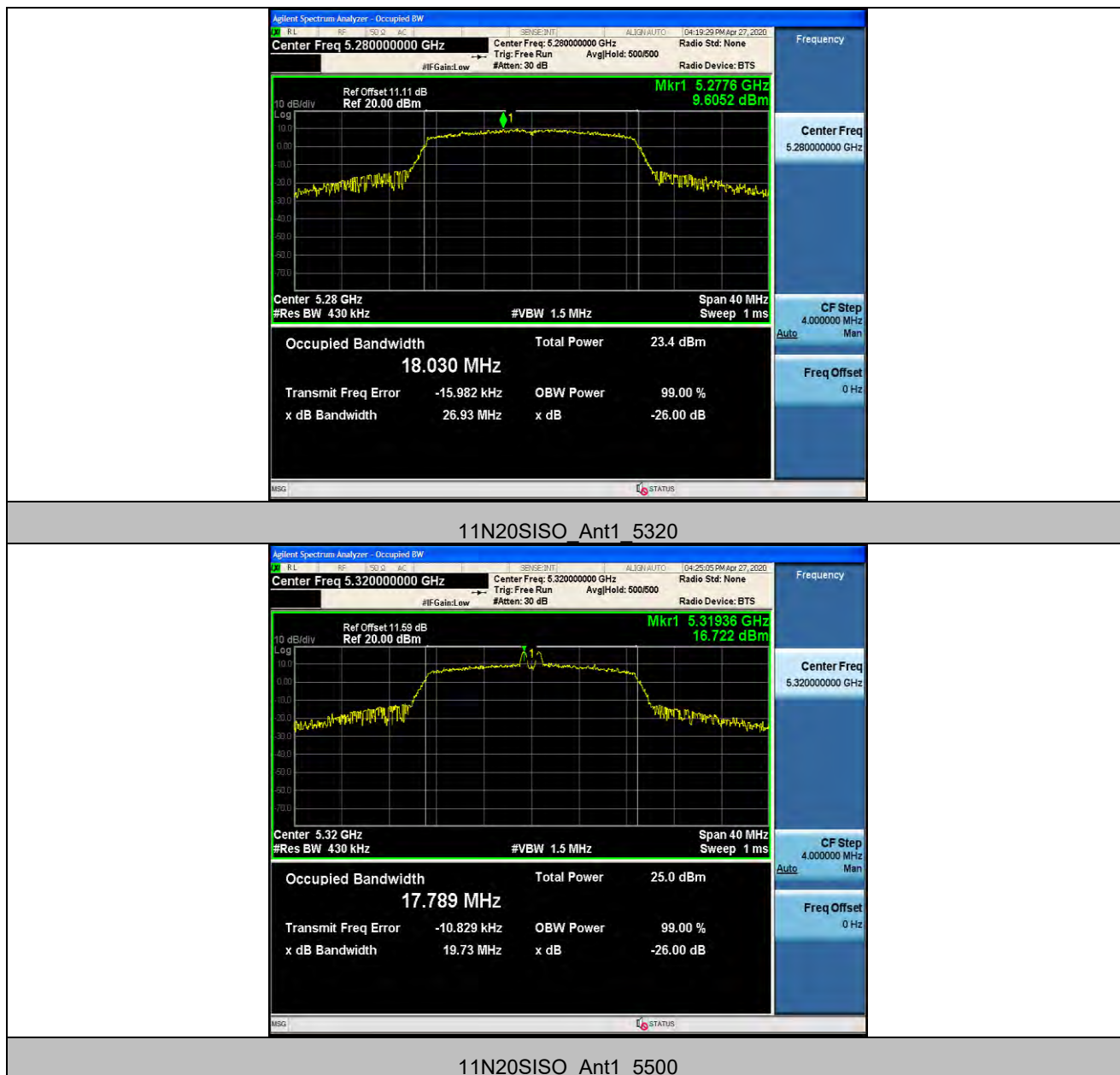
11A Ant1 5785

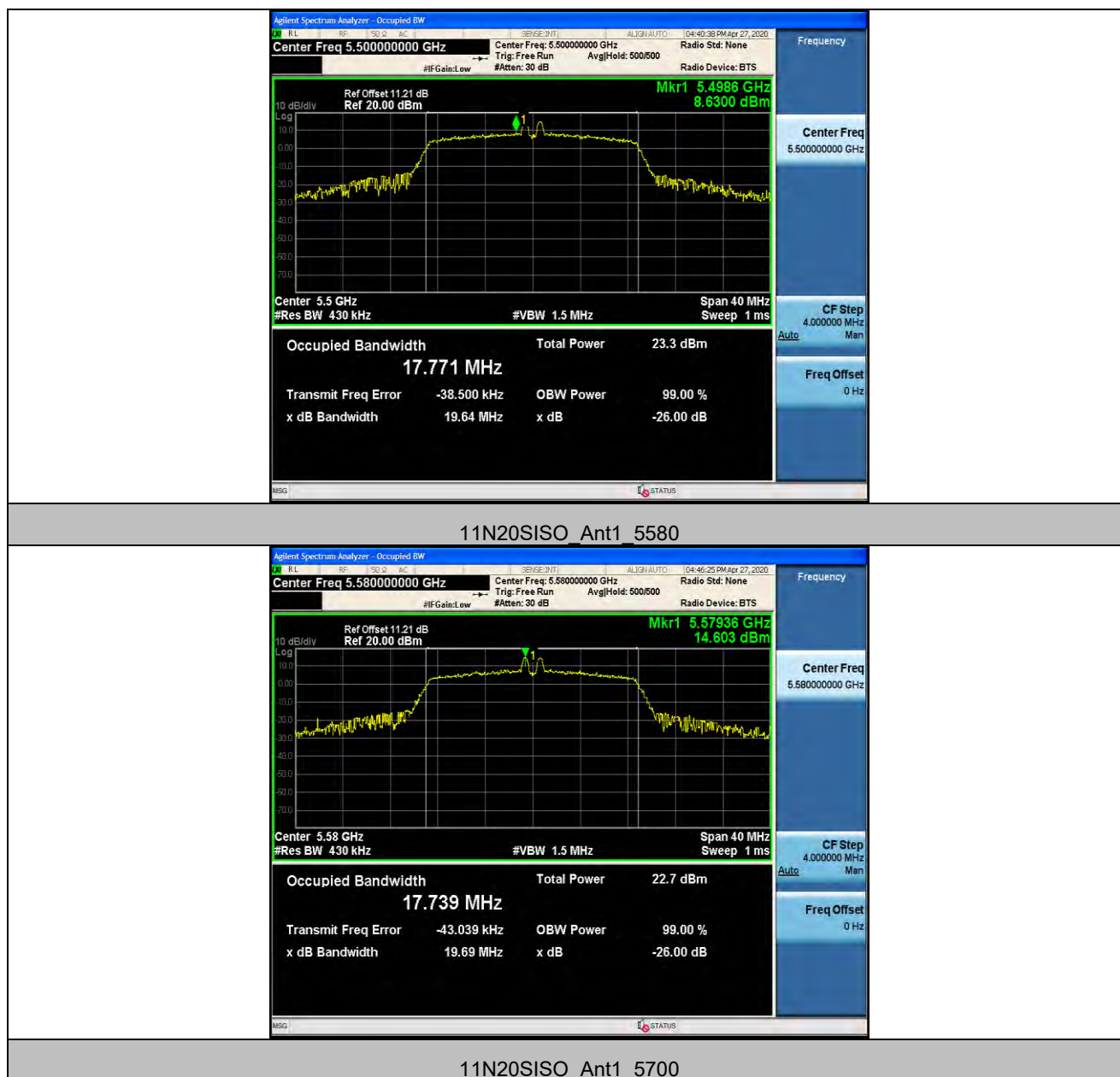


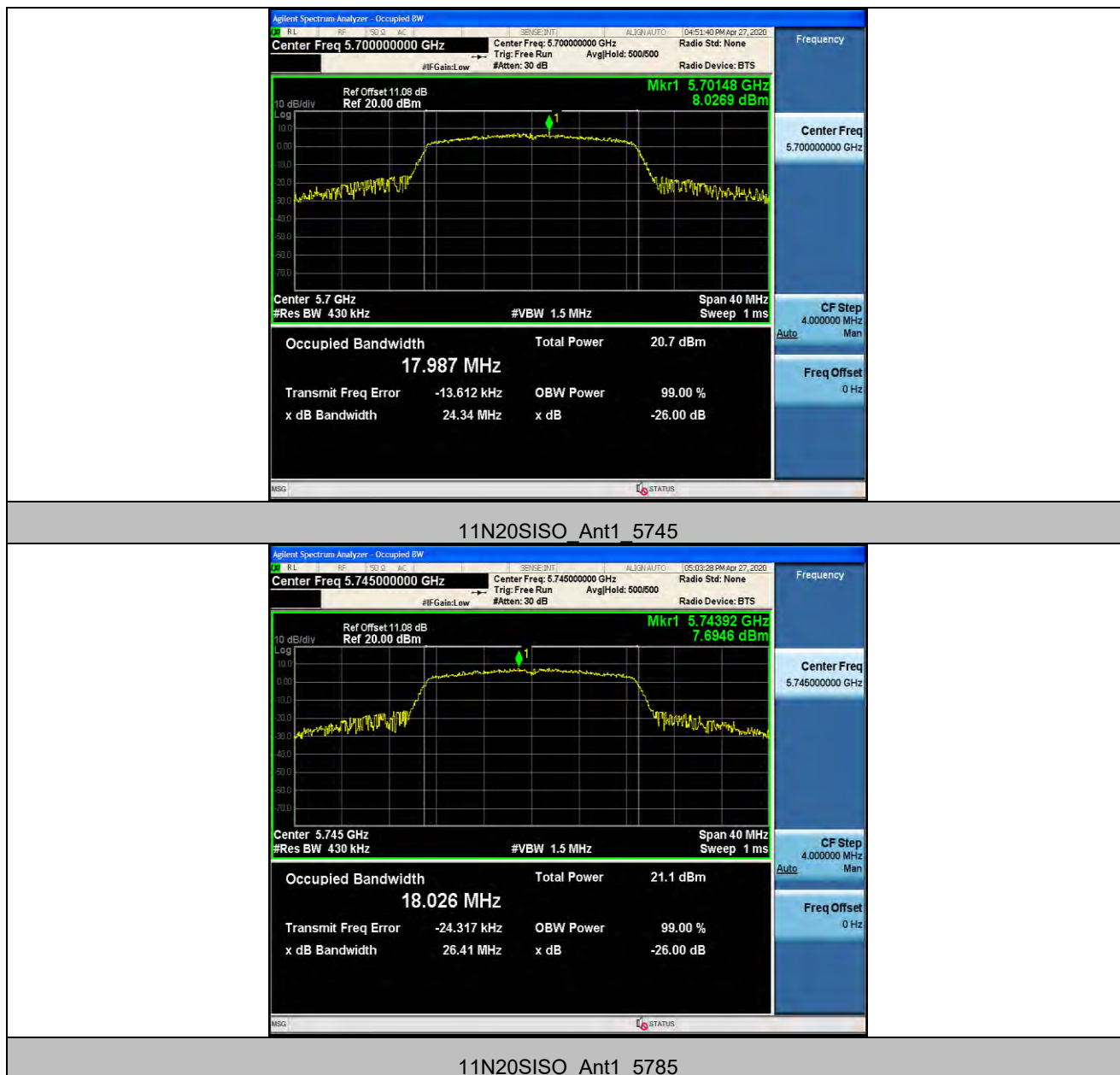


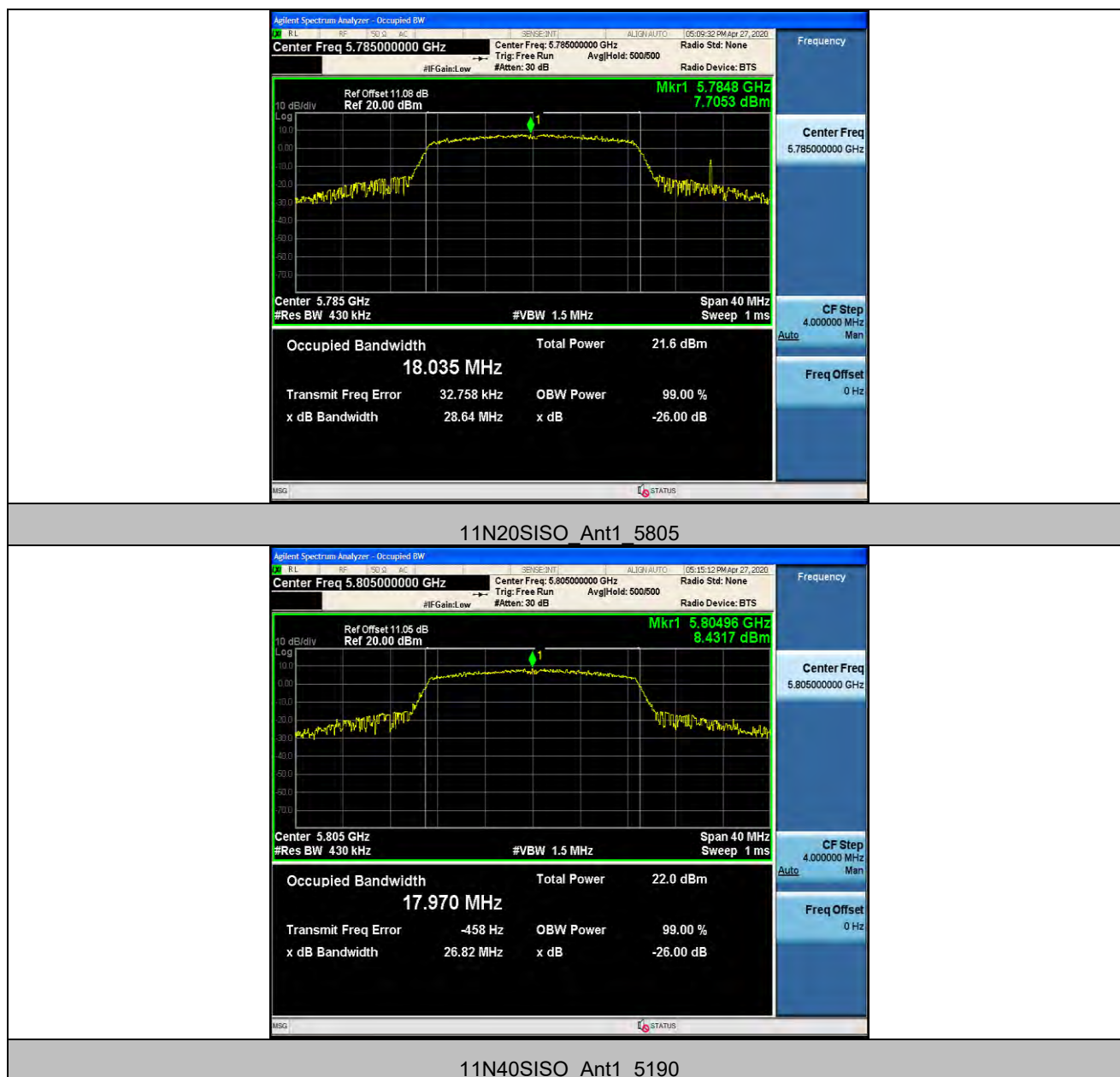


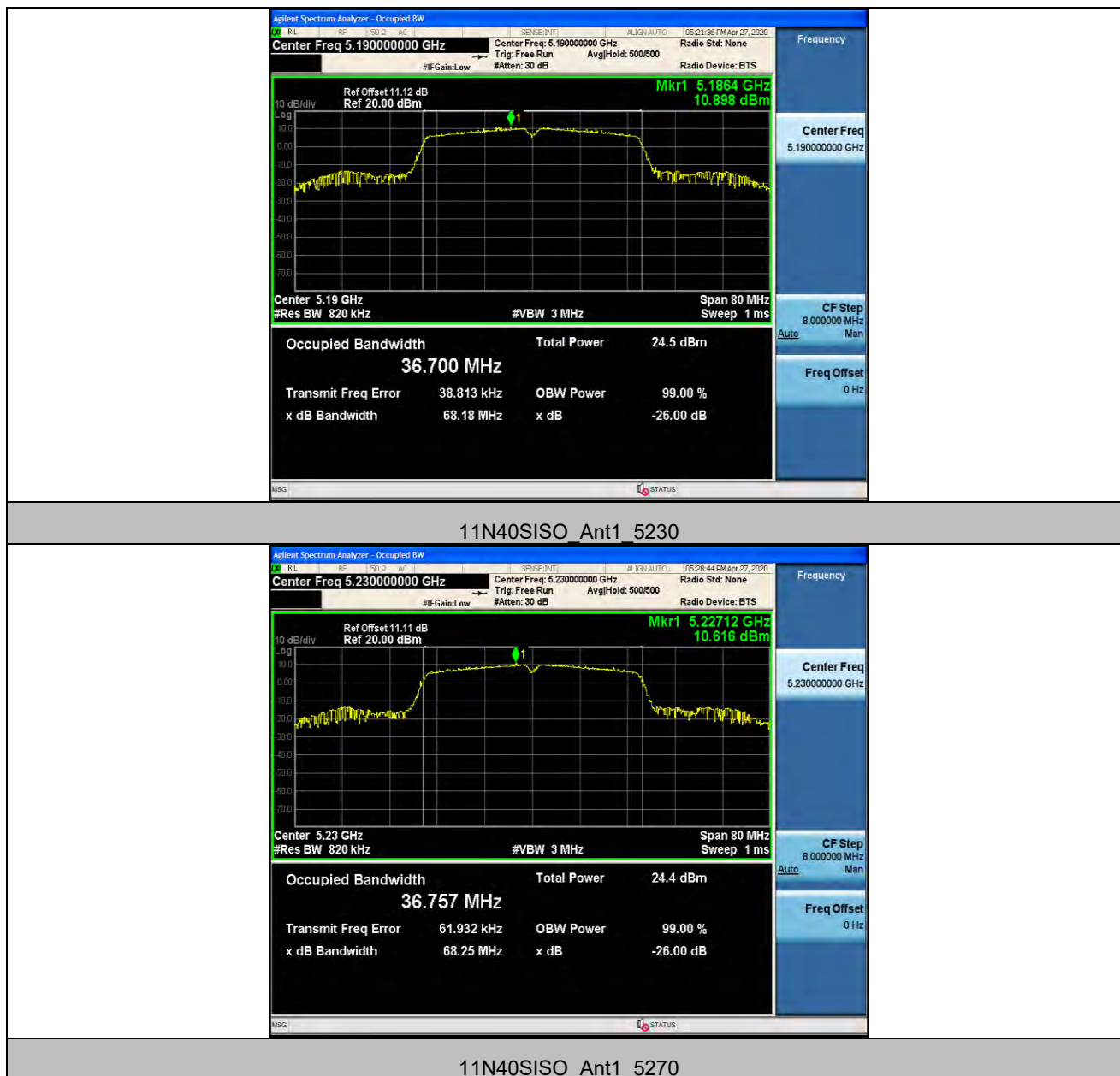


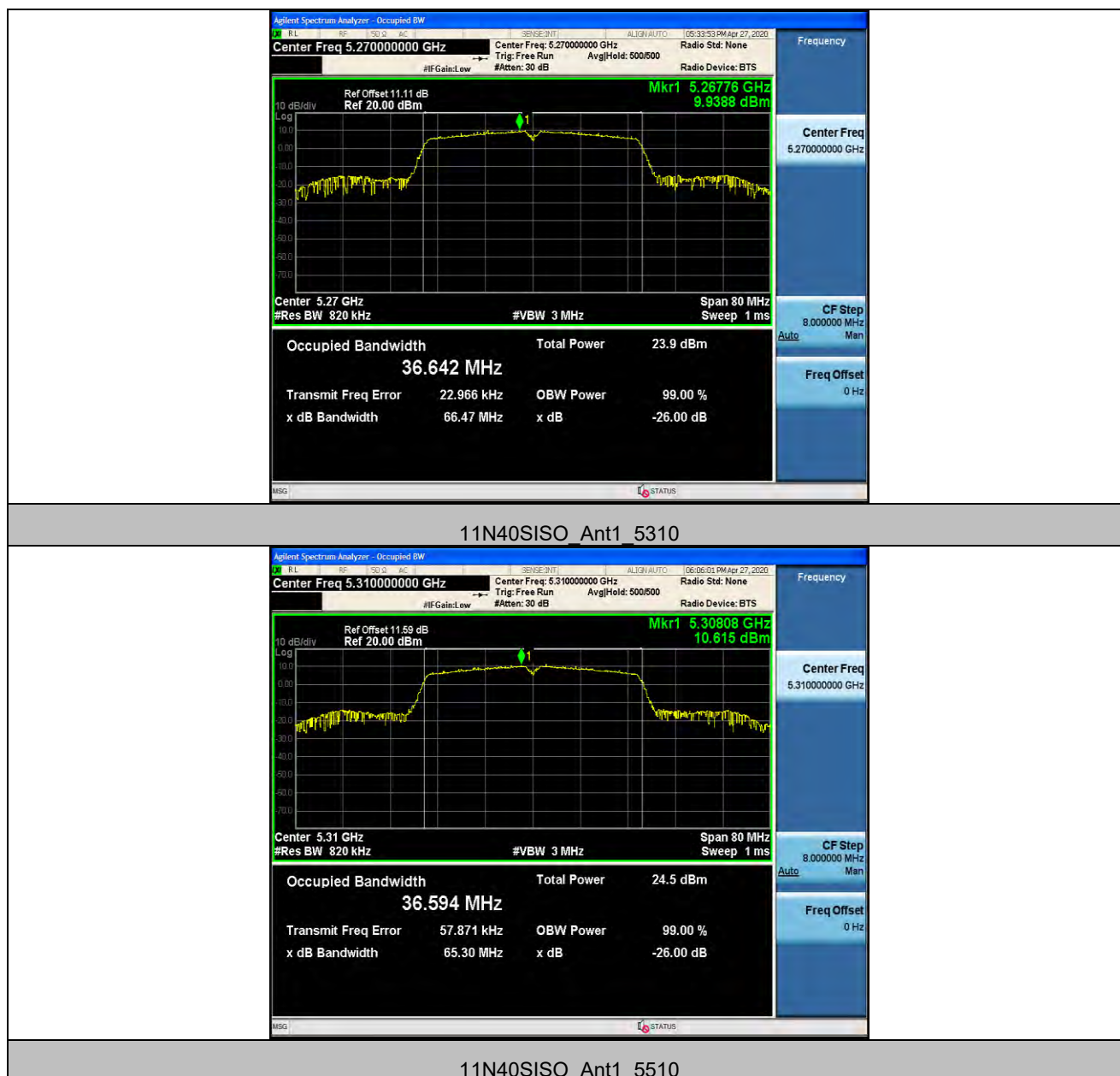


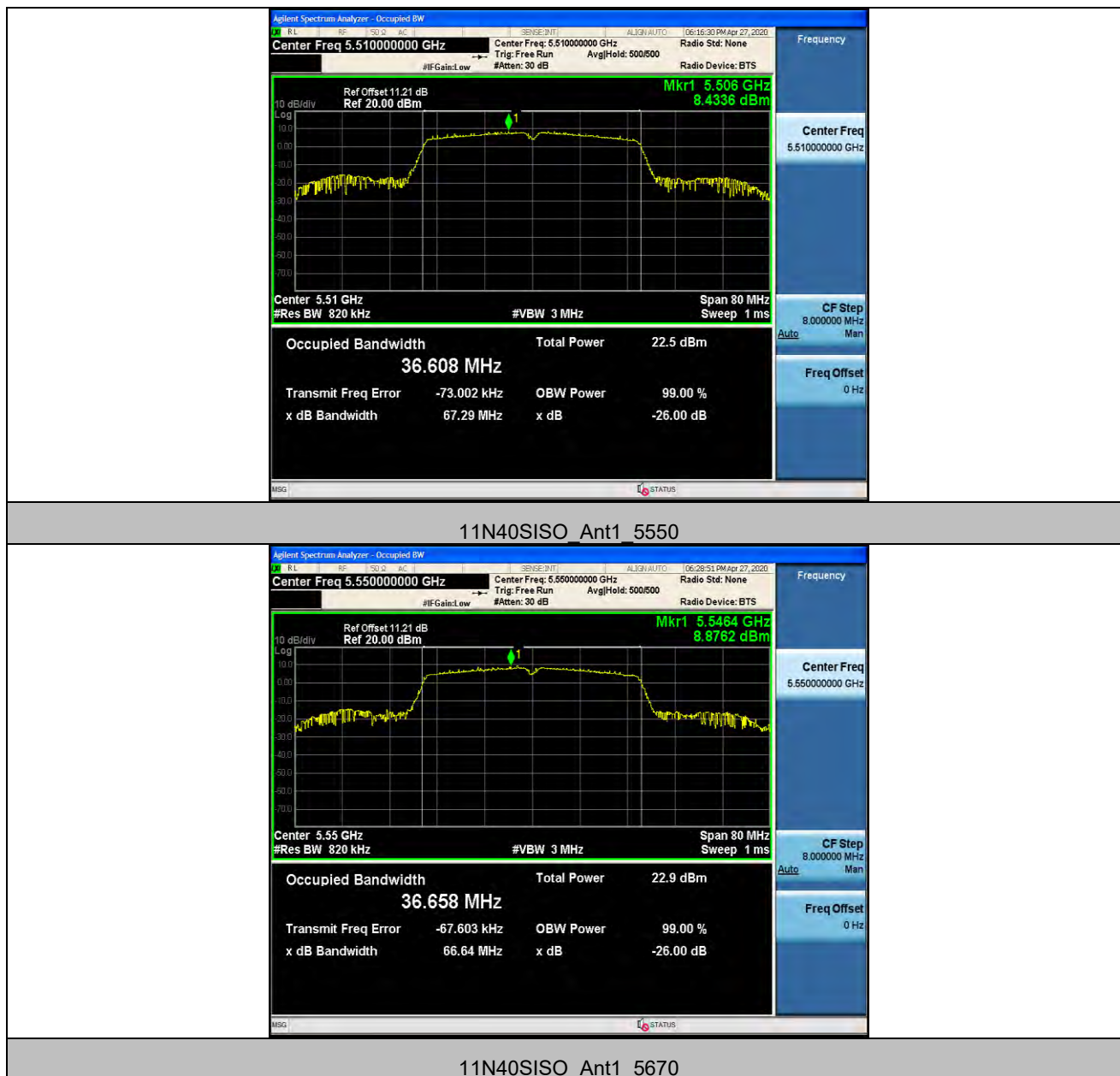


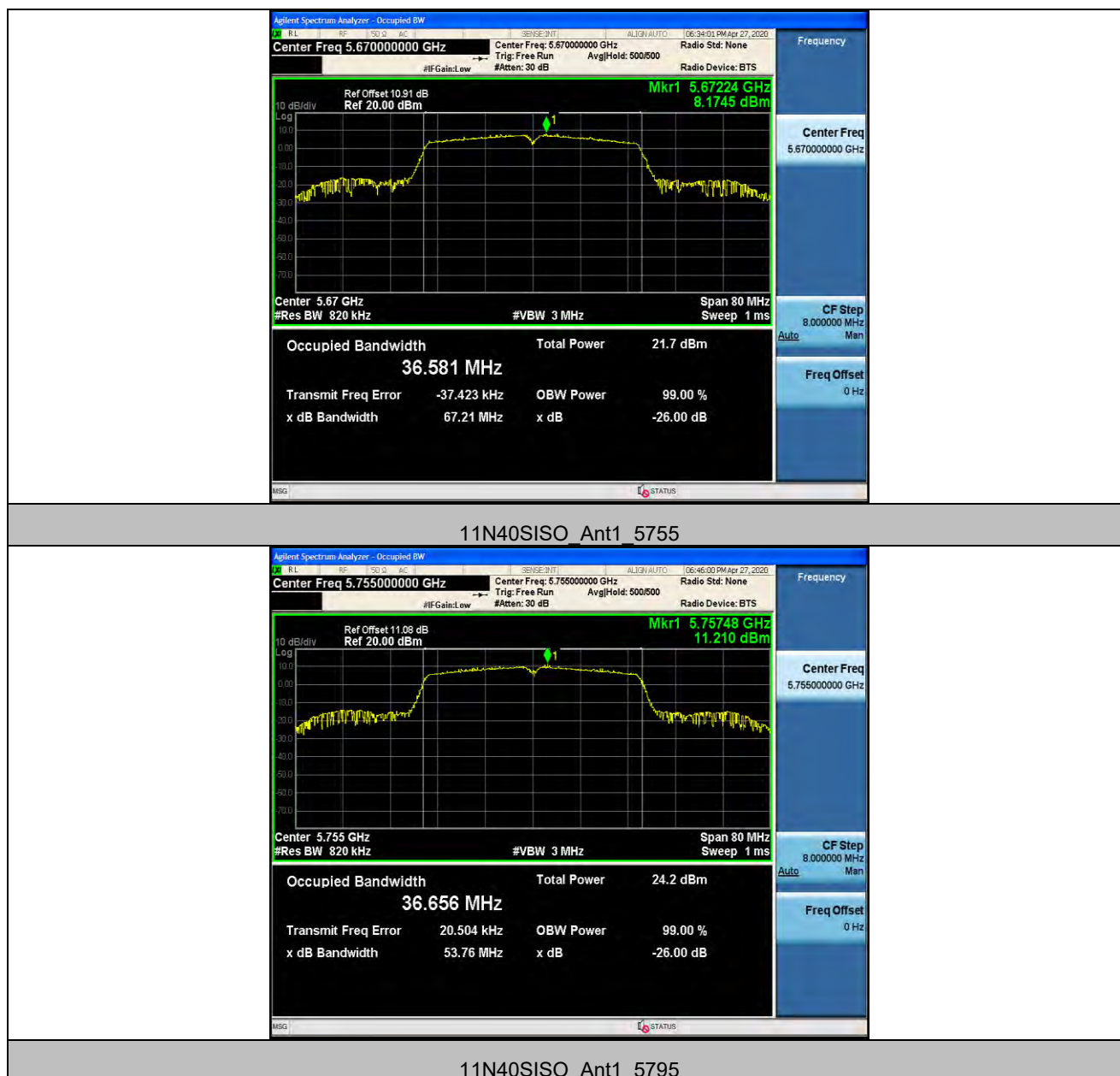


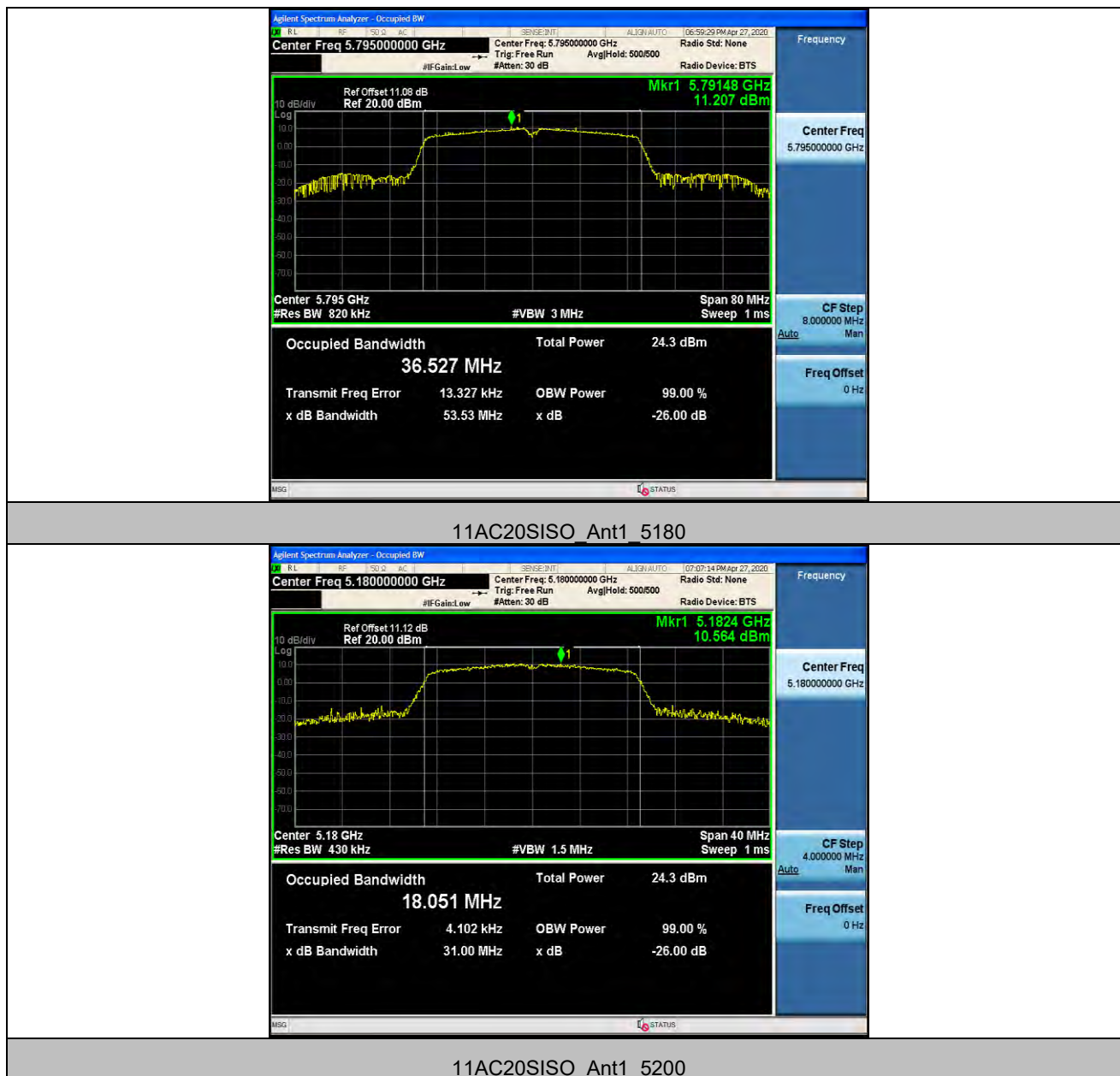


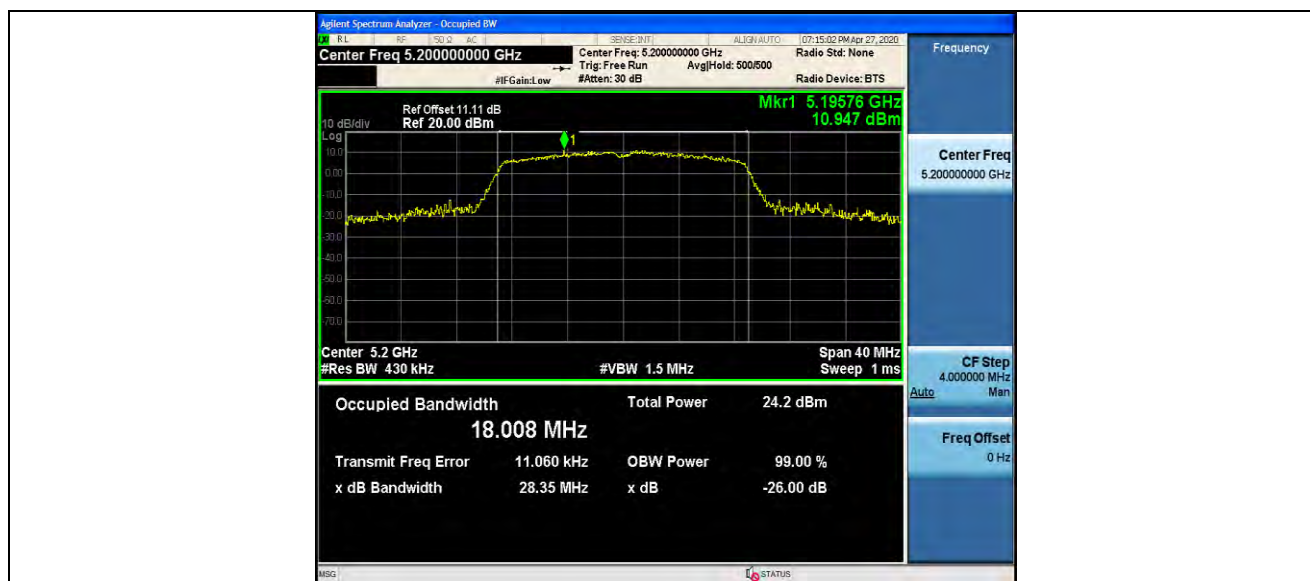




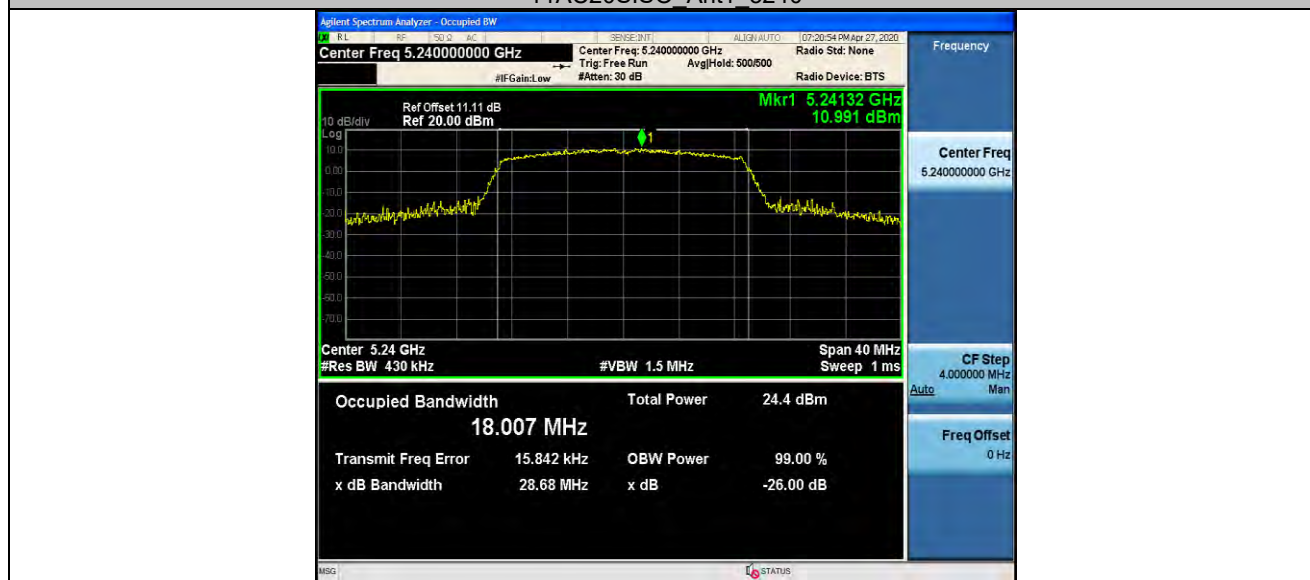






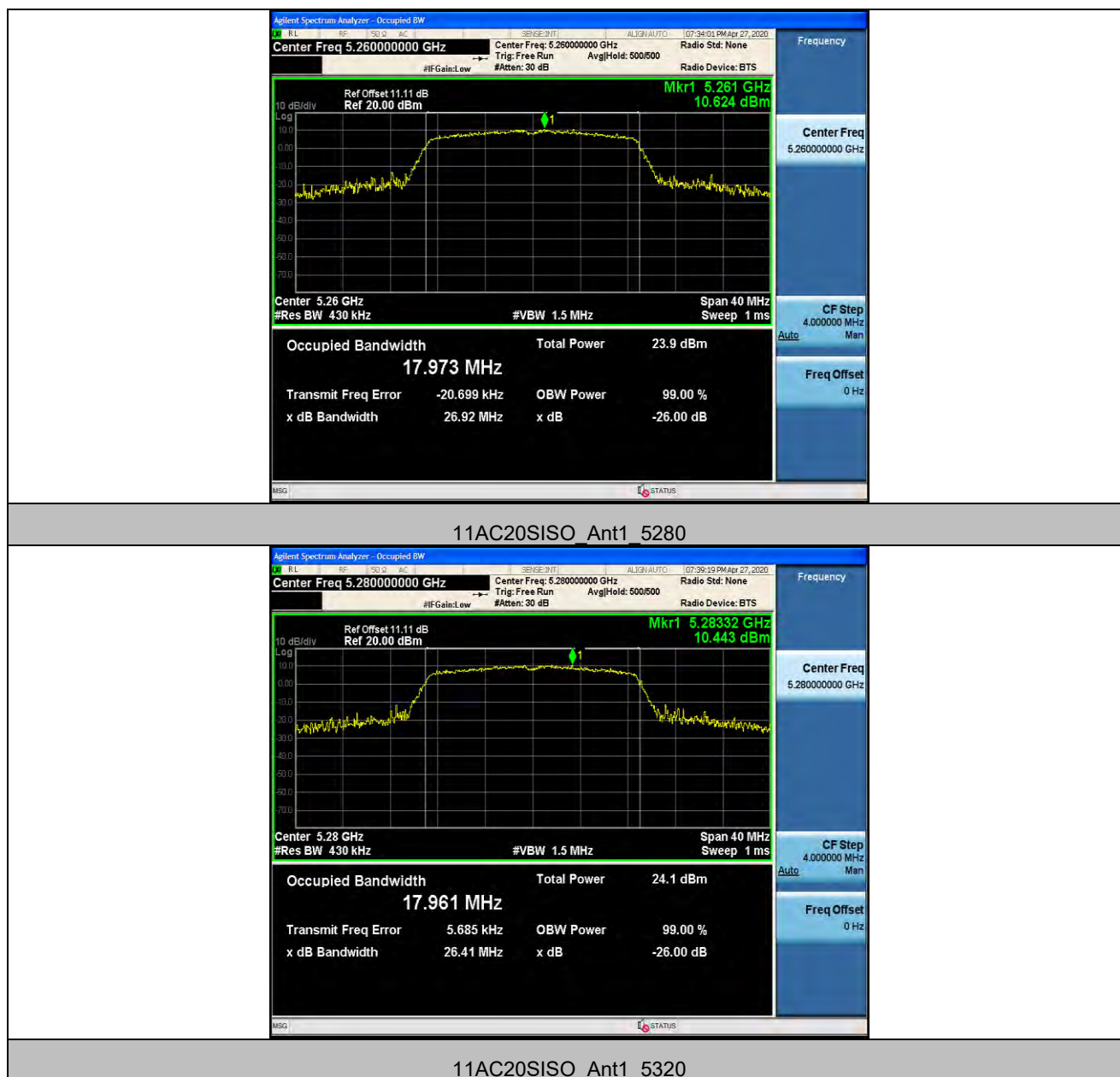


11AC20SISO_Ant1_5240



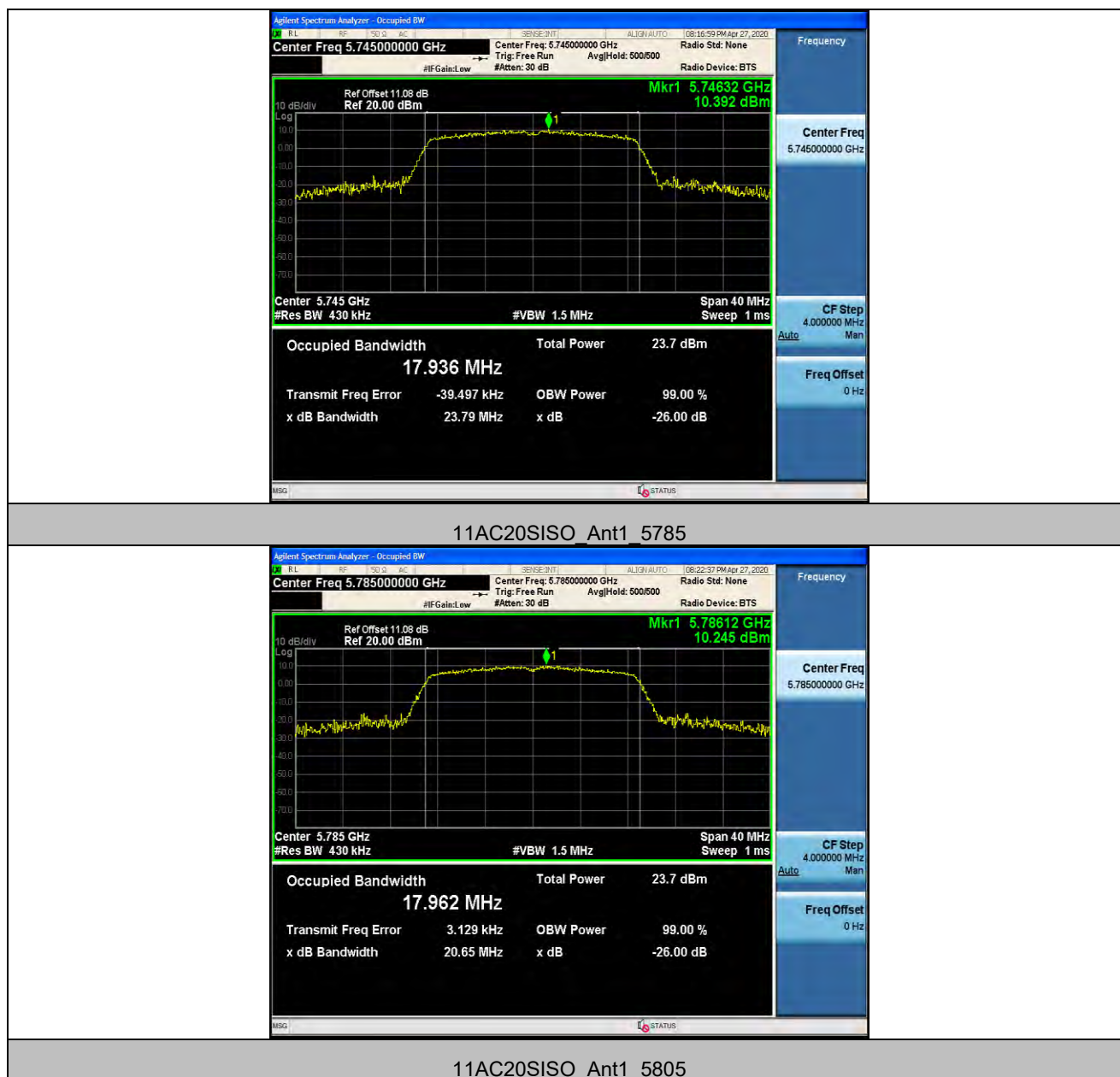
11AC20SISO_Ant1_5260











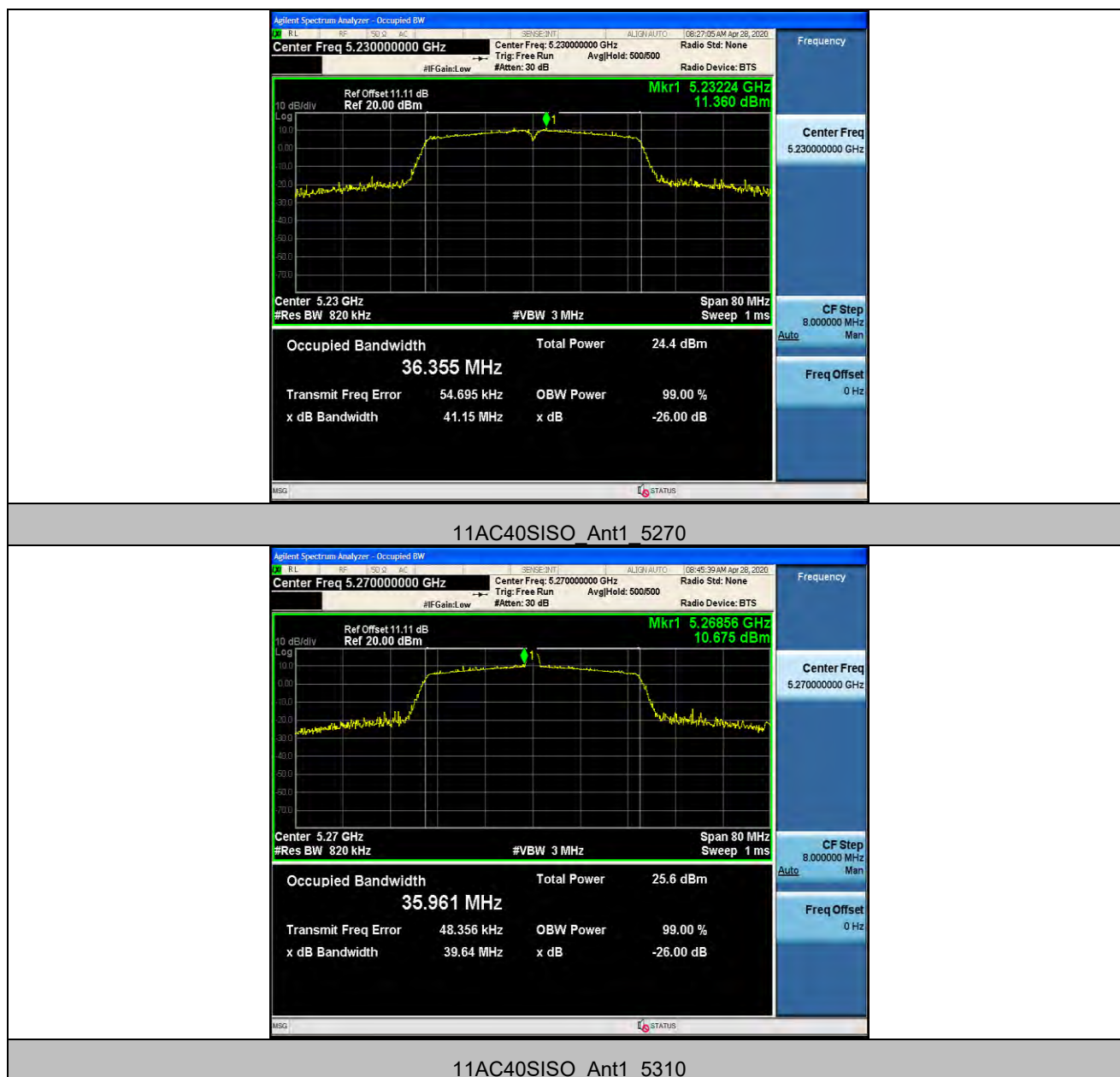


11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230





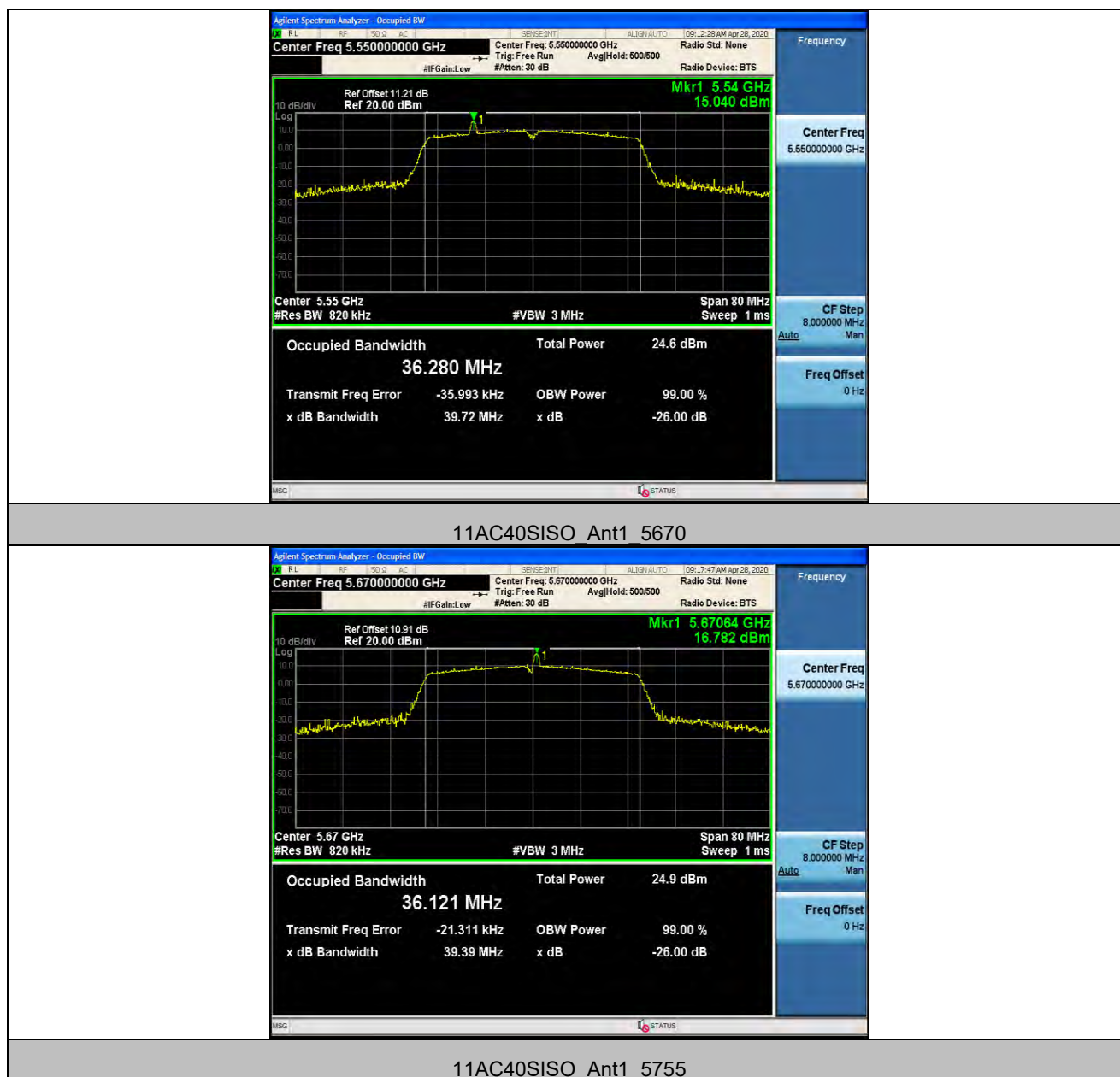


11AC40SISO_Ant1_5510



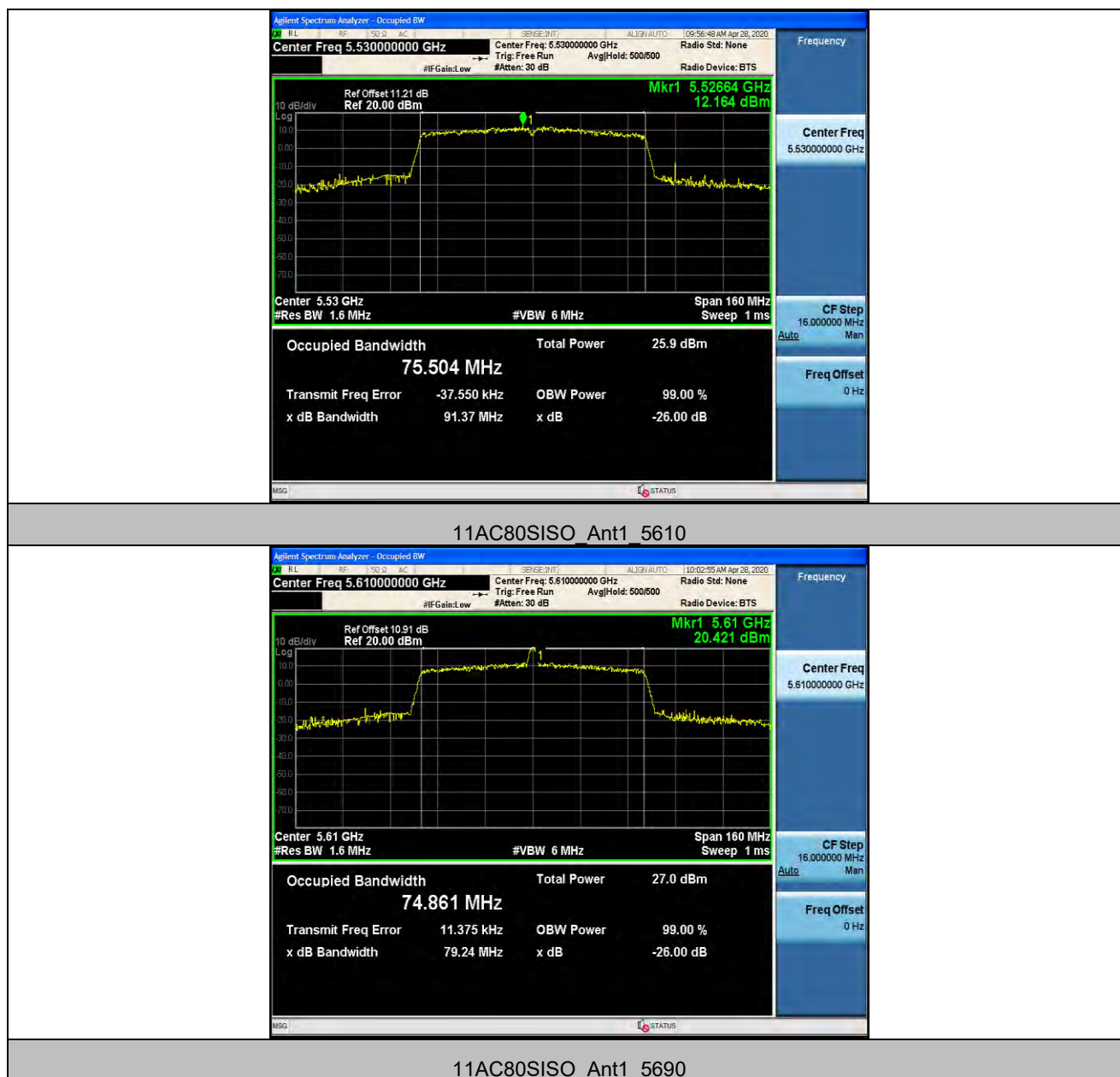
11AC40SISO_Ant1_5550







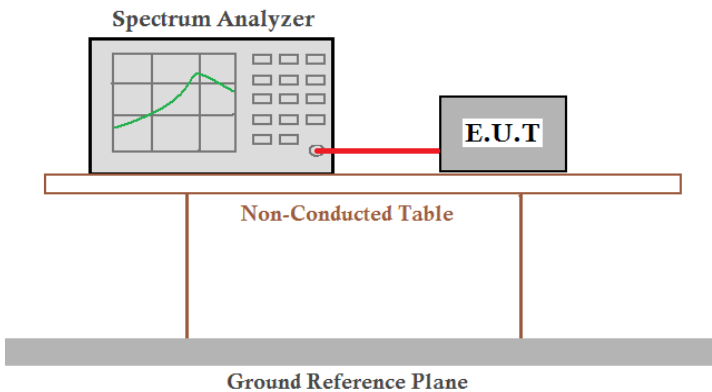








4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5825MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	





4.8.1 Test Results For Power Density

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.31	<=11	PASS
		5200	7.93	<=11	PASS
		5240	7.46	<=11	PASS
		5260	7.57	<=11	PASS
		5280	7.78	<=11	PASS
		5320	8.01	<=11	PASS
		5500	7.94	<=11	PASS
		5580	7.63	<=11	PASS
		5700	7.26	<=11	PASS
		5745	4.42	<=30	PASS
		5785	4.42	<=30	PASS
		5805	4.68	<=30	PASS
11N20SISO	Ant1	5180	7.23	<=11	PASS
		5200	6.97	<=11	PASS
		5240	6.71	<=11	PASS
		5260	6.35	<=11	PASS
		5280	6.18	<=11	PASS
		5320	7.09	<=11	PASS
		5500	5.17	<=11	PASS
		5580	4.63	<=11	PASS
		5700	8.93	<=11	PASS
		5745	7.87	<=30	PASS
		5785	1.61	<=30	PASS
		5805	3.02	<=30	PASS
11N40SISO	Ant1	5190	3.88	<=11	PASS
		5230	3.88	<=11	PASS
		5270	3.48	<=11	PASS
		5310	4.29	<=11	PASS
		5510	1.99	<=11	PASS
		5550	2.29	<=11	PASS
		5670	1.31	<=11	PASS
		5755	0.81	<=30	PASS
		5795	0.76	<=30	PASS
11AC20SISO	Ant1	5180	7.02	<=11	PASS
		5200	7.16	<=11	PASS
		5240	7.02	<=11	PASS
		5260	6.87	<=11	PASS
		5280	7.09	<=11	PASS
		5320	7.47	<=11	PASS
		5500	7.32	<=11	PASS
		5580	7.06	<=11	PASS
		5700	6.57	<=11	PASS
		5745	3.91	<=30	PASS
		5785	3.82	<=30	PASS
		5805	4.15	<=30	PASS
11AC40SISO	Ant1	5190	3.98	<=11	PASS
		5230	3.86	<=11	PASS





		5270	3.83	<=11	PASS
		5310	4.35	<=11	PASS
		5510	3.82	<=11	PASS
		5550	3.92	<=11	PASS
		5670	3.96	<=11	PASS
		5755	-9.93	<=30	PASS
		5795	-10.23	<=30	PASS
11AC80SISO	Ant1	5210	0.95	<=11	PASS
		5290	-10.67	<=11	PASS
		5530	0.49	<=11	PASS
		5610	0.43	<=11	PASS
		5775	-1.74	<=30	PASS

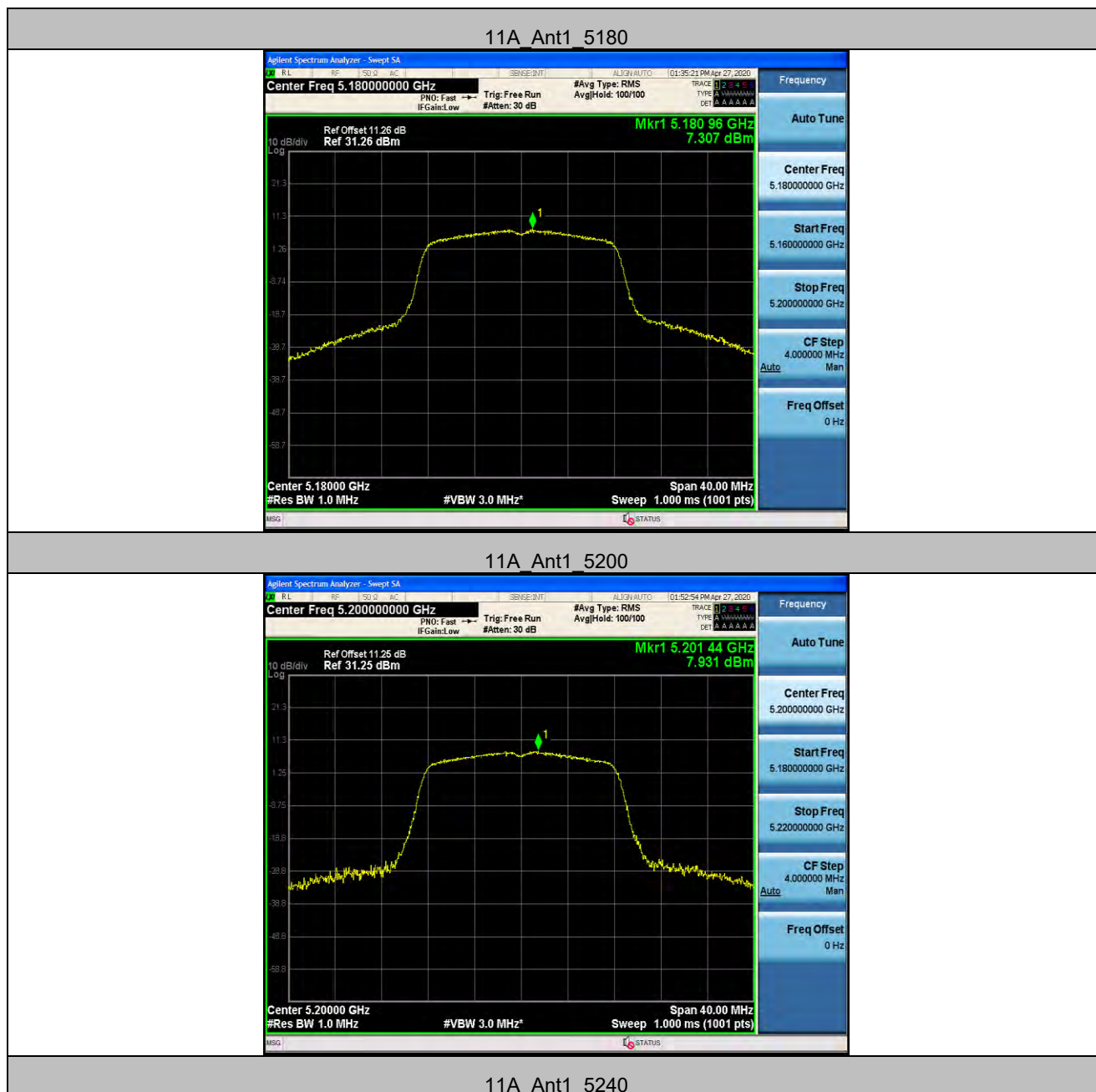
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.





4.8.1 Test Graphs





11A Ant1 5260



11A Ant1 5280





11A Ant1 5320



11A Ant1 5500





11A Ant1 5580



11A Ant1 5700





11A Ant1 5745



11A Ant1 5785



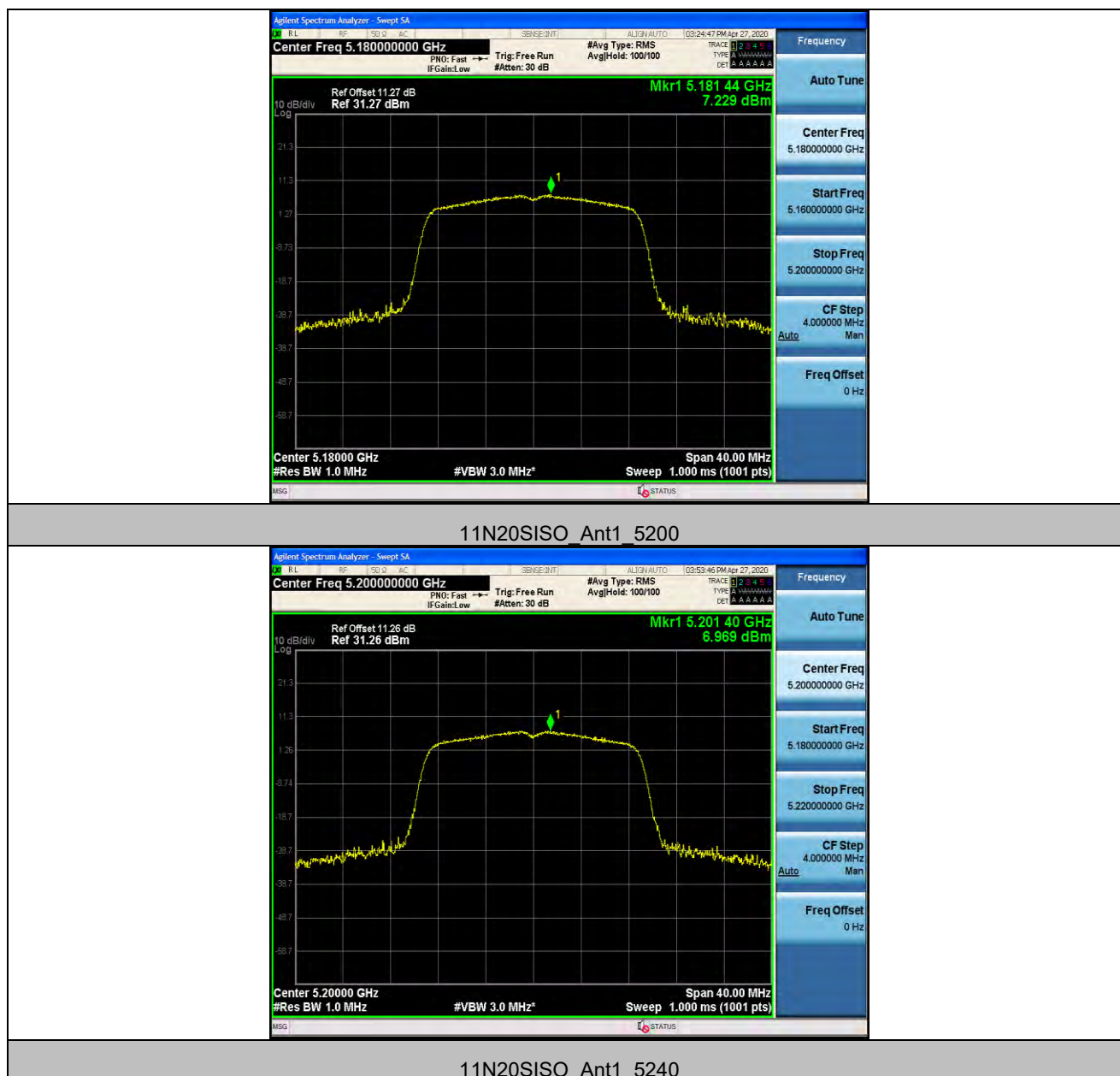


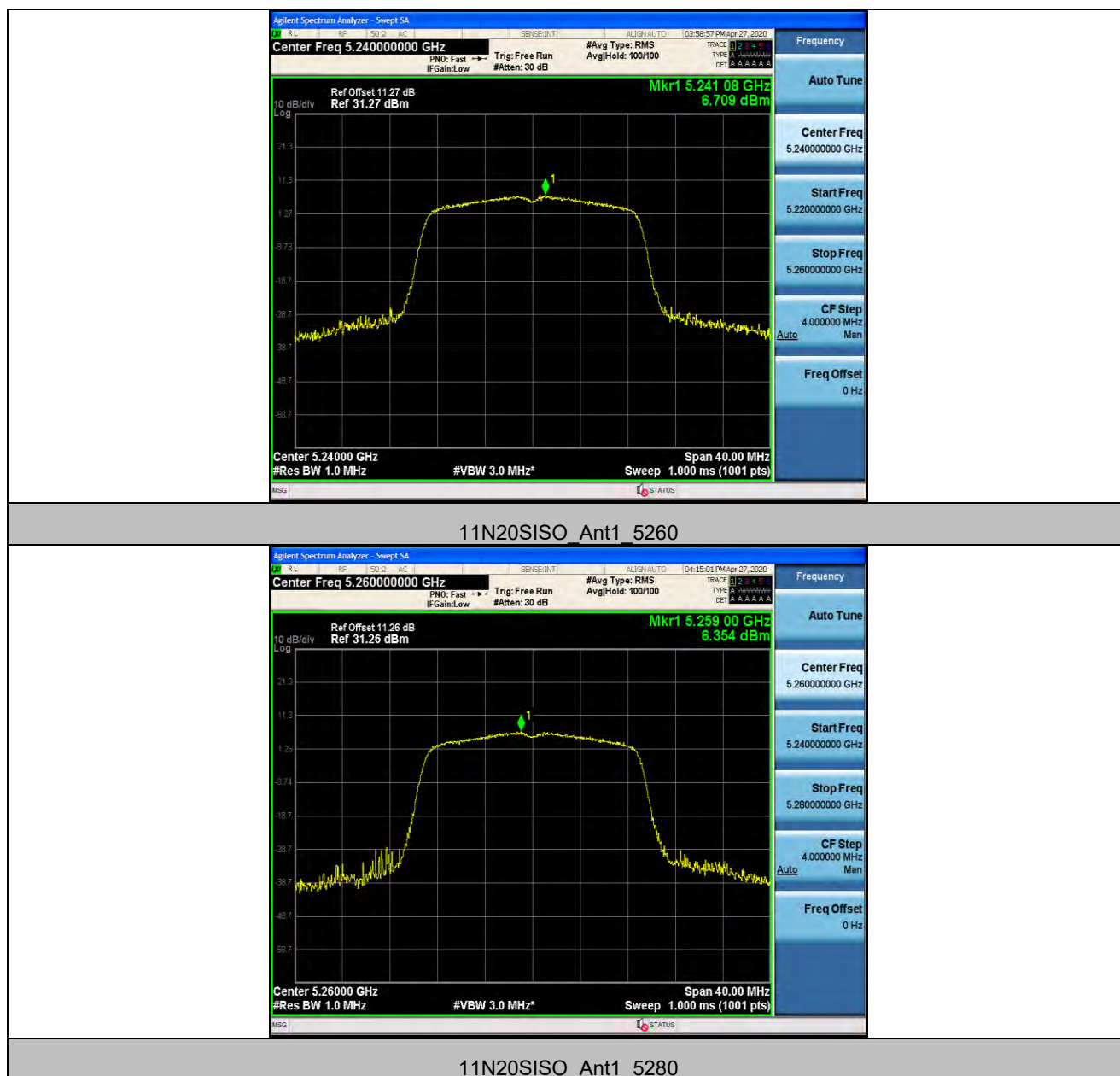
11A_Ant1_5805

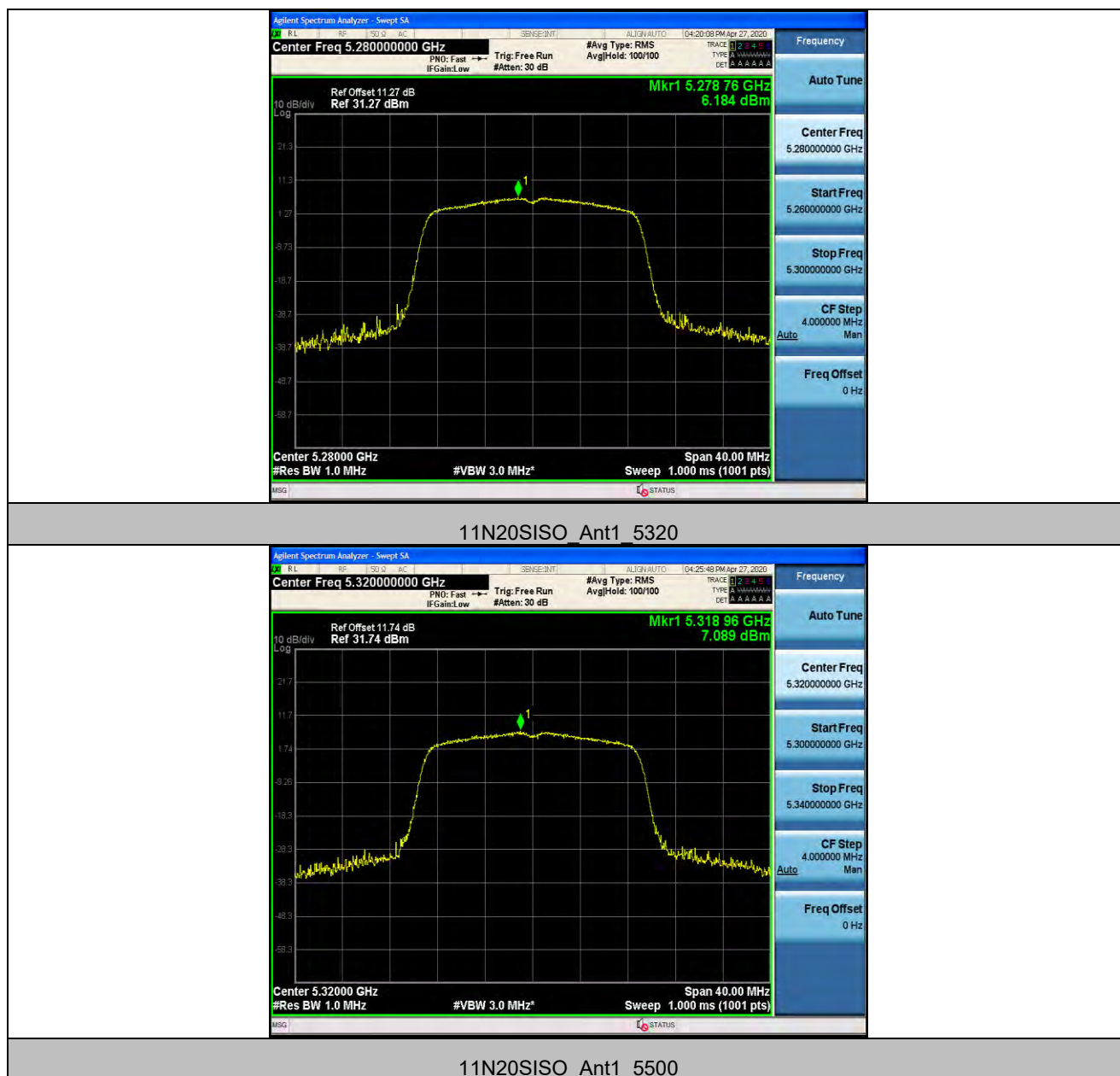


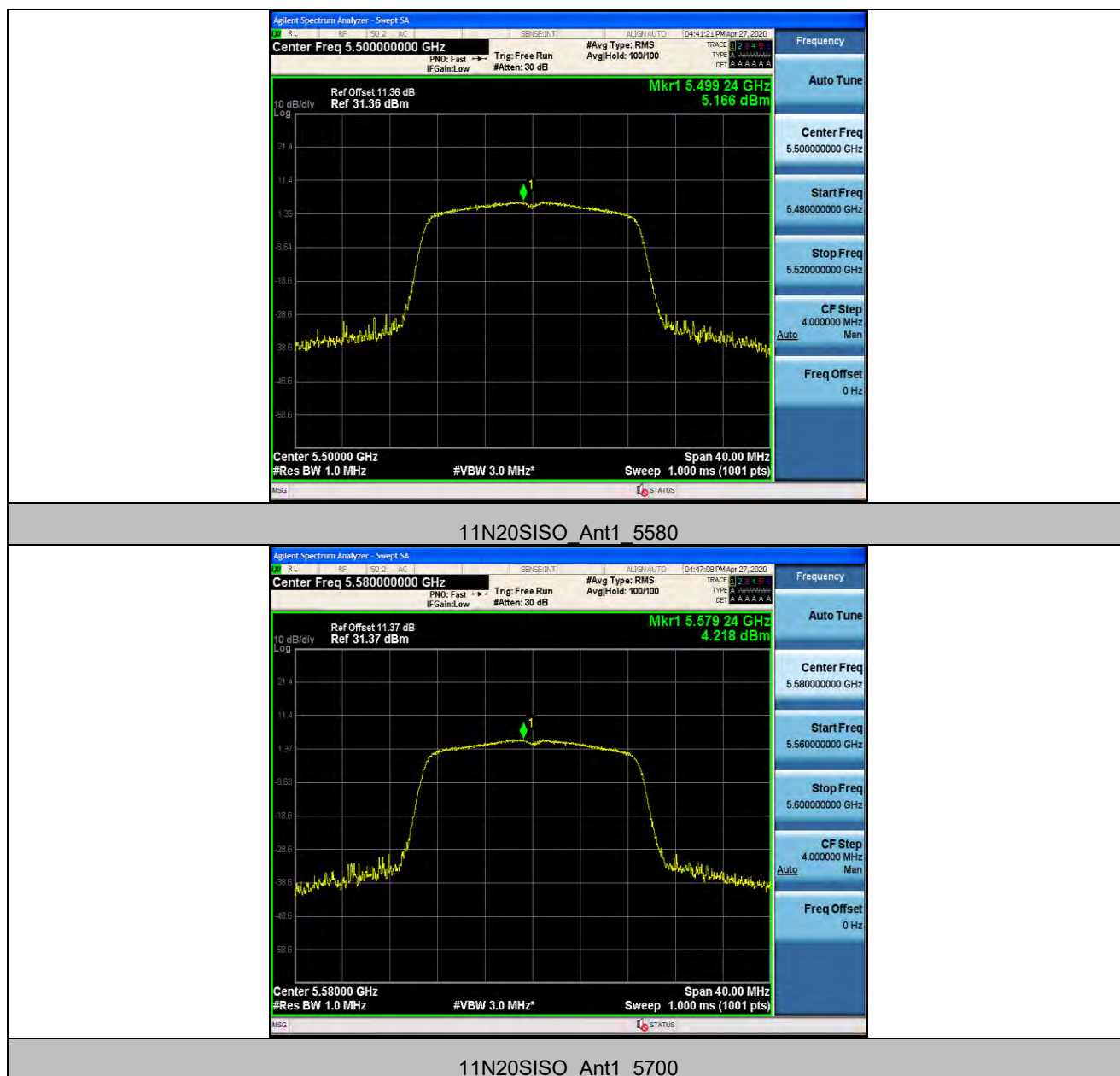
11N20SISO_Ant1_5180

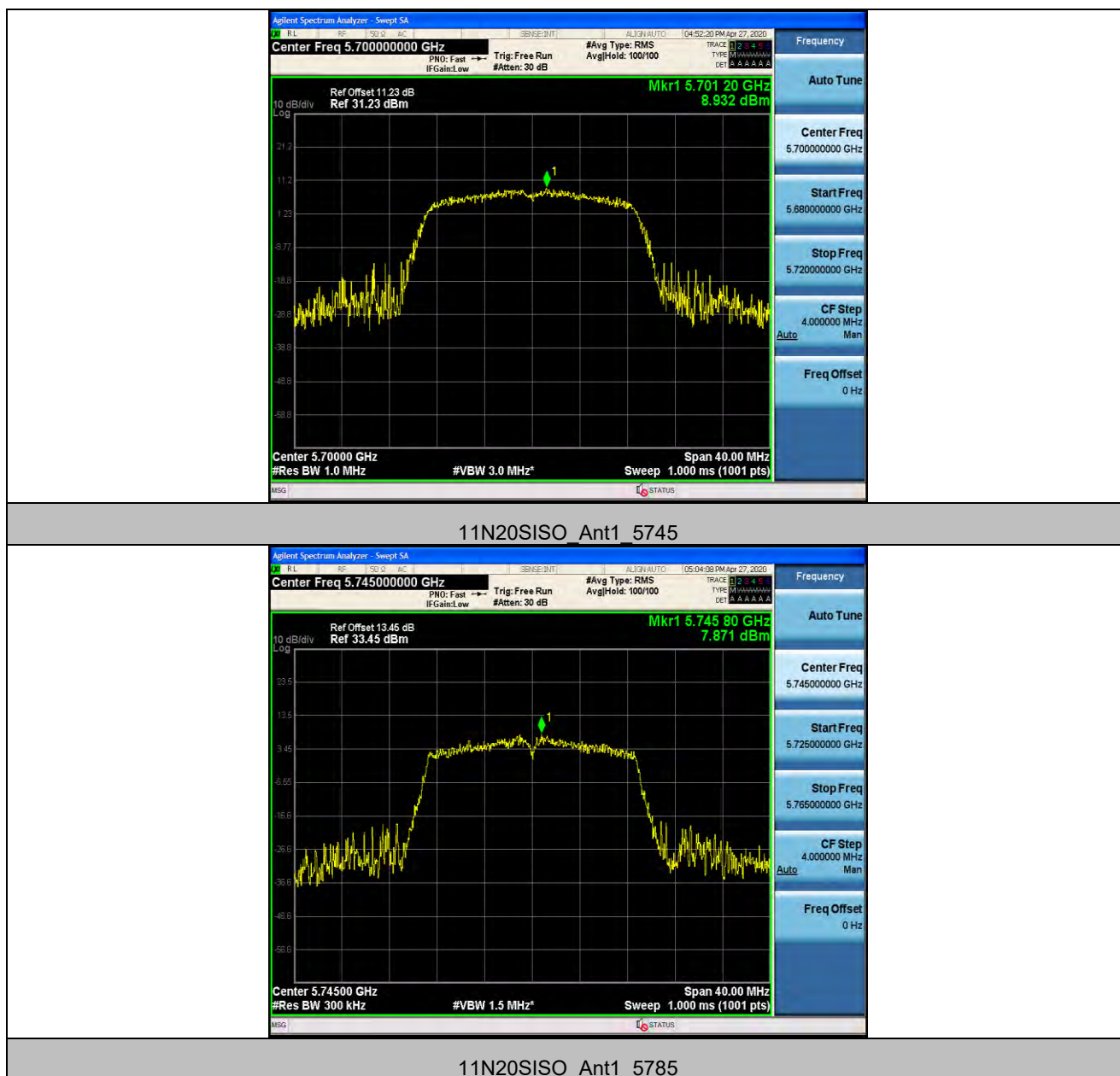


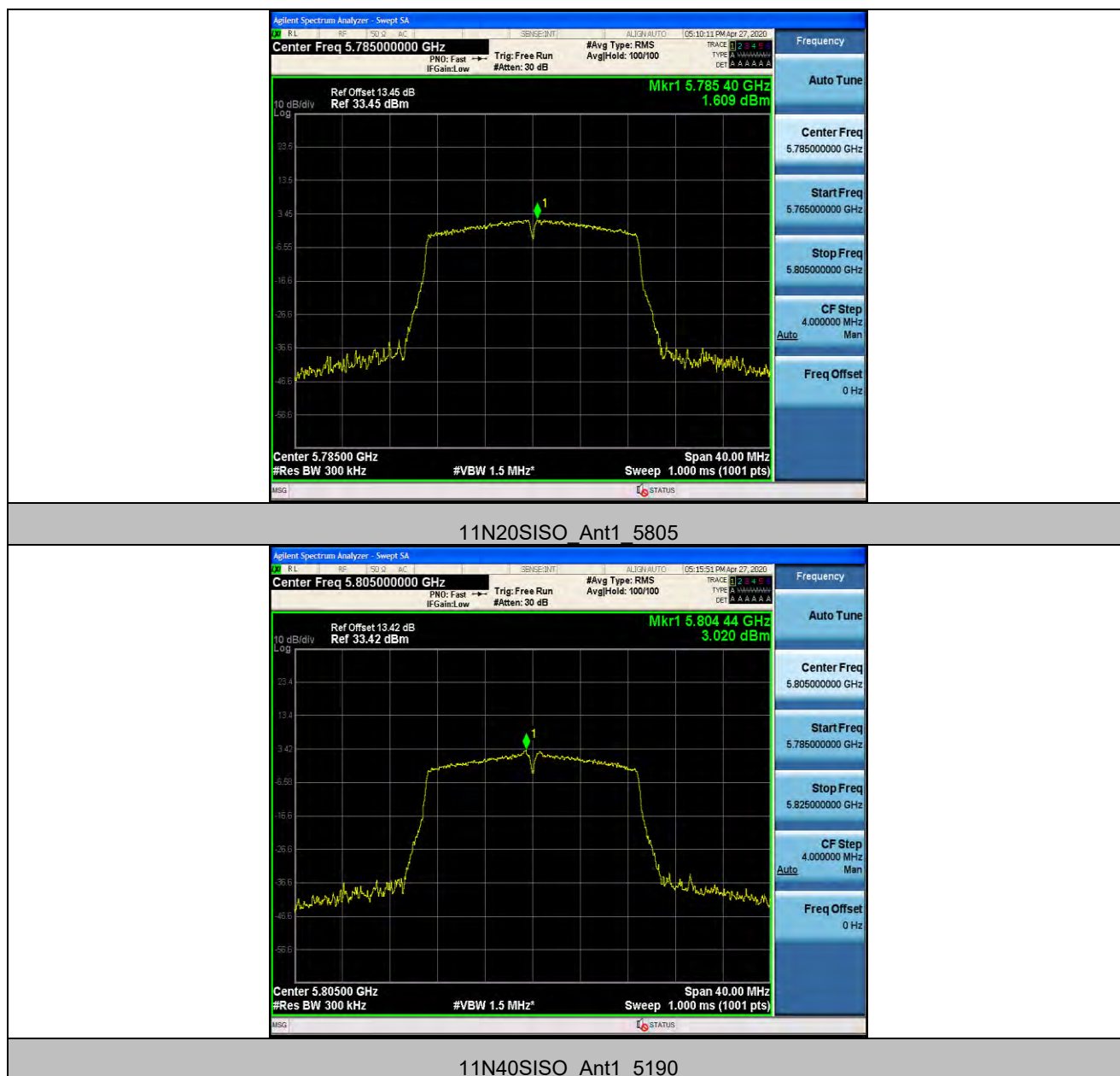


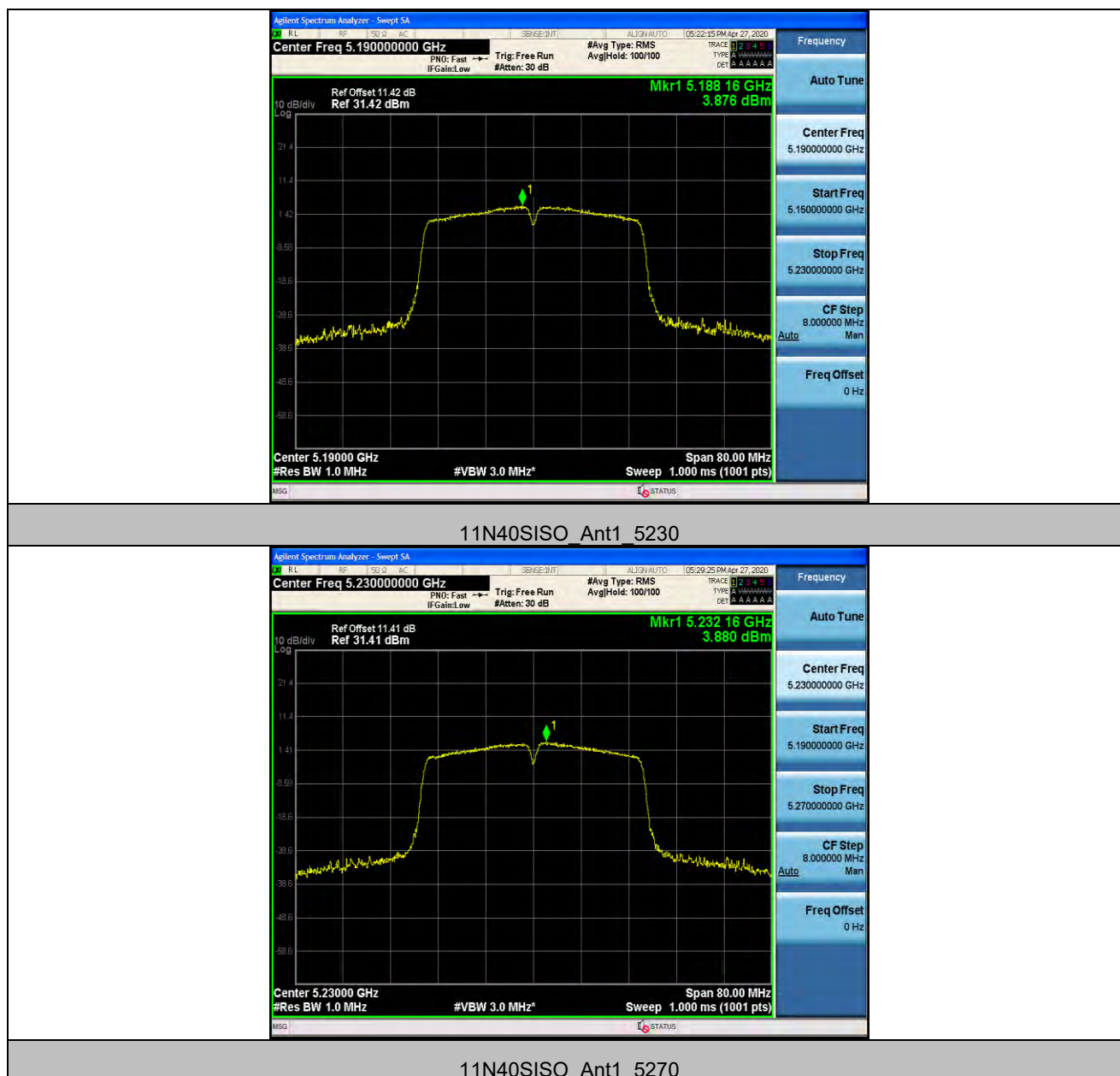


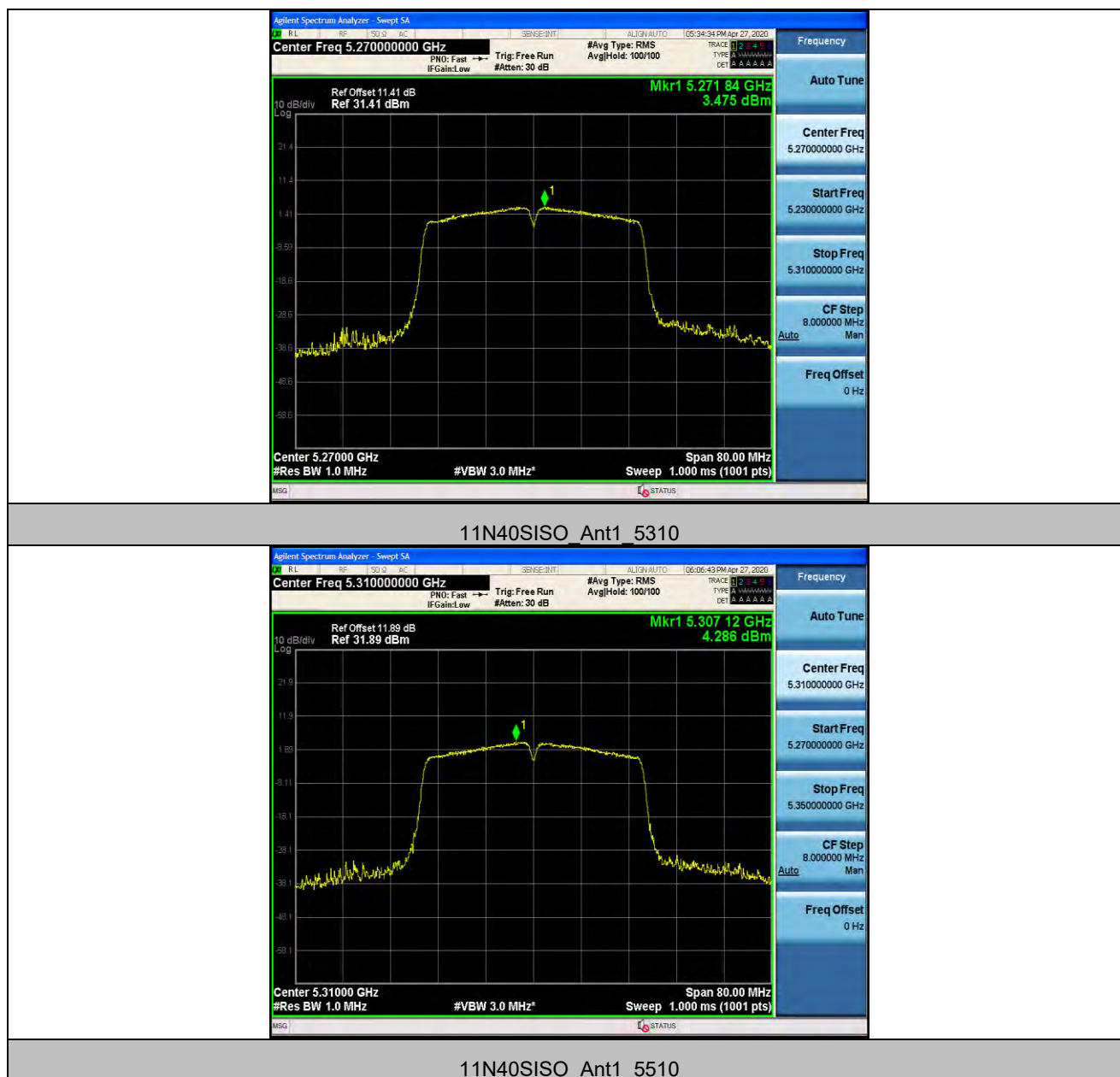


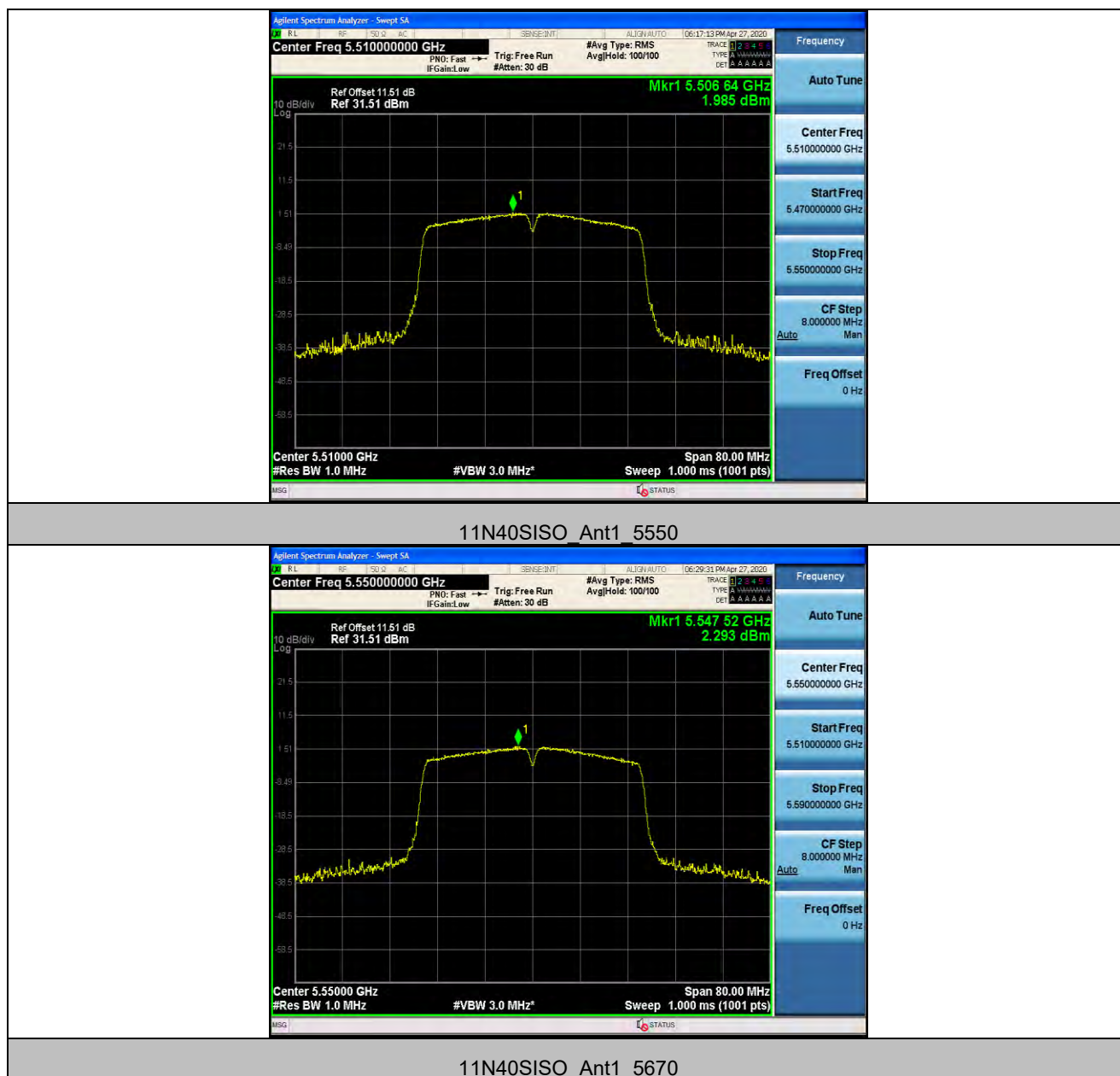


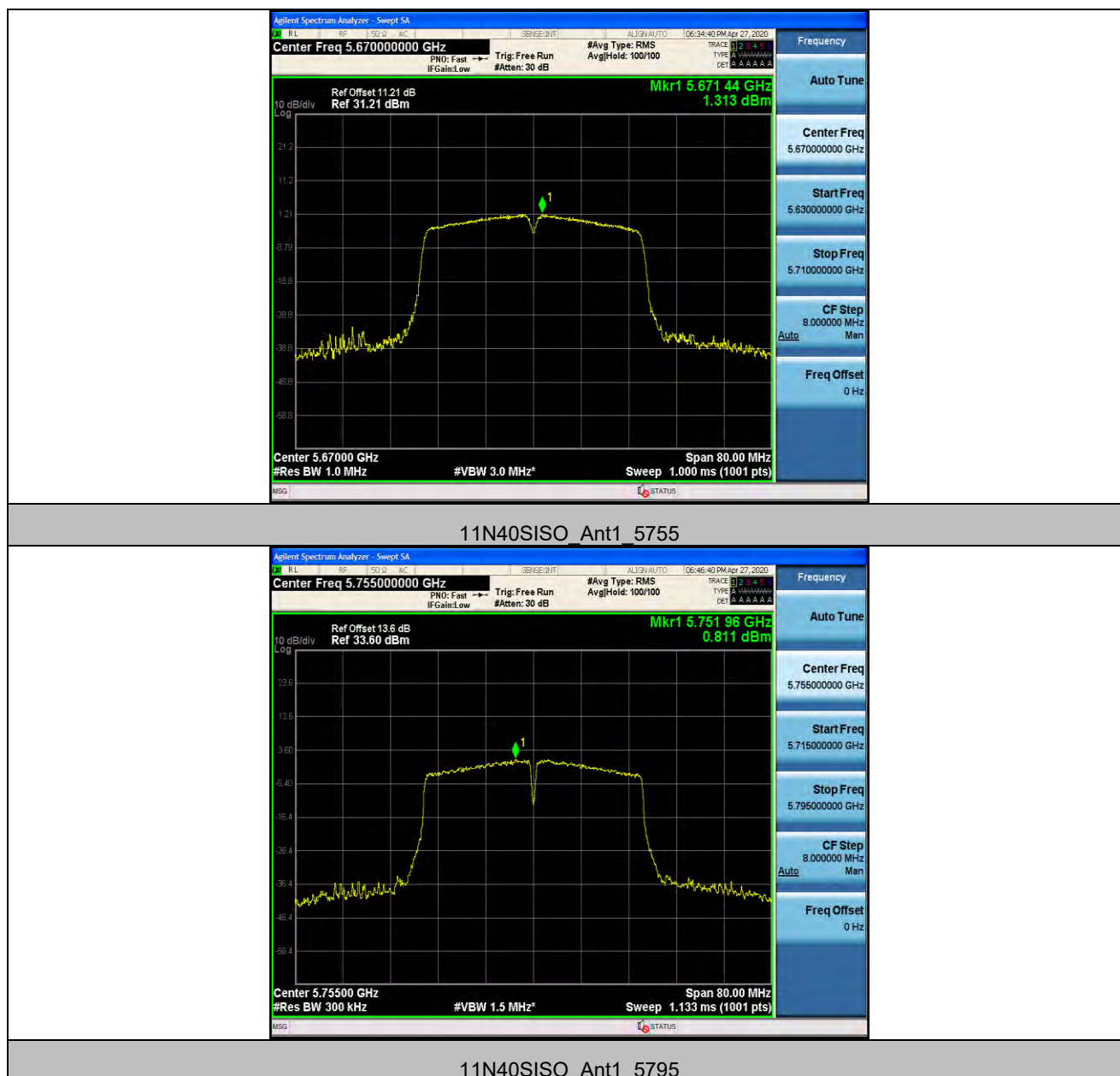


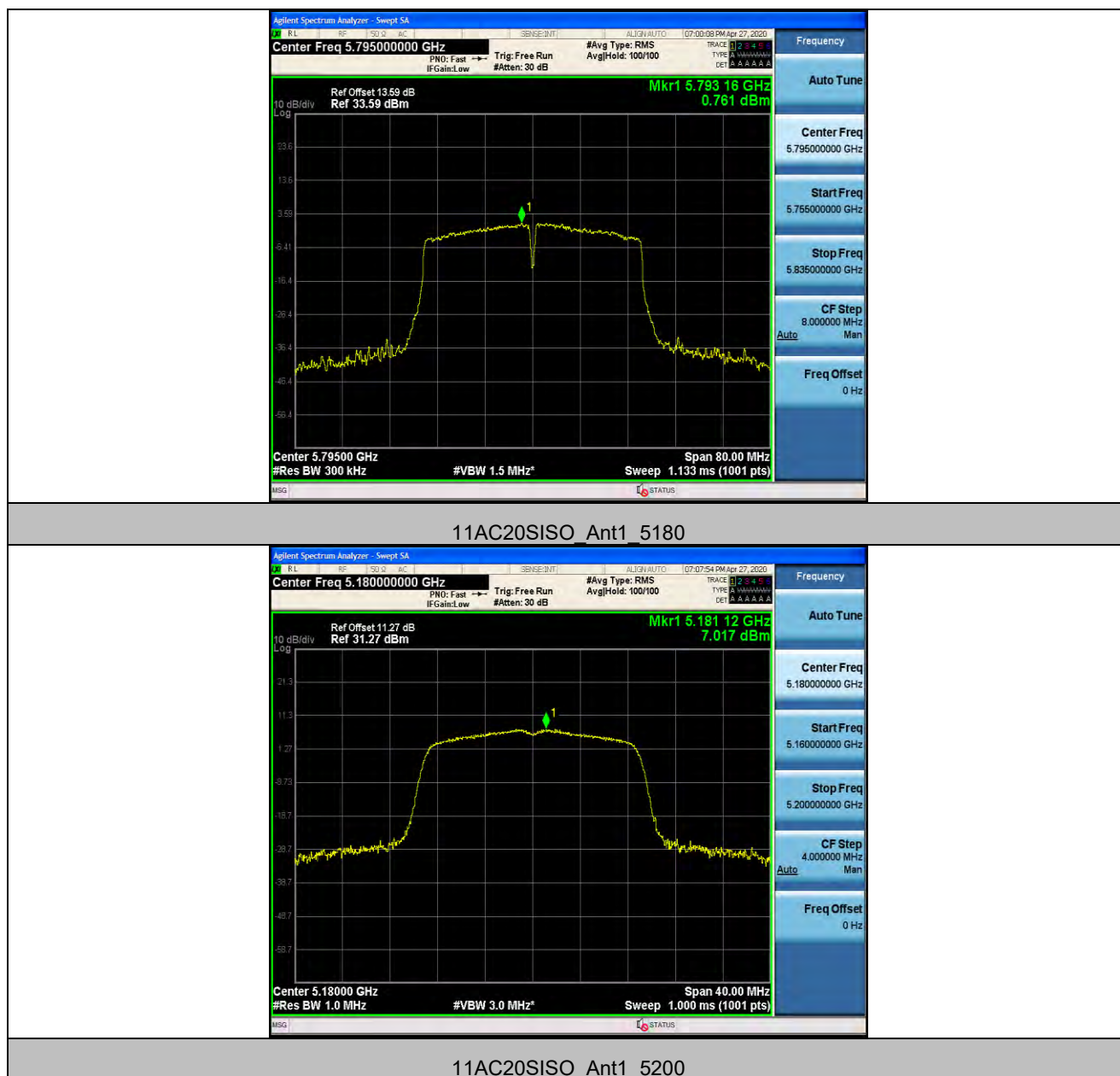


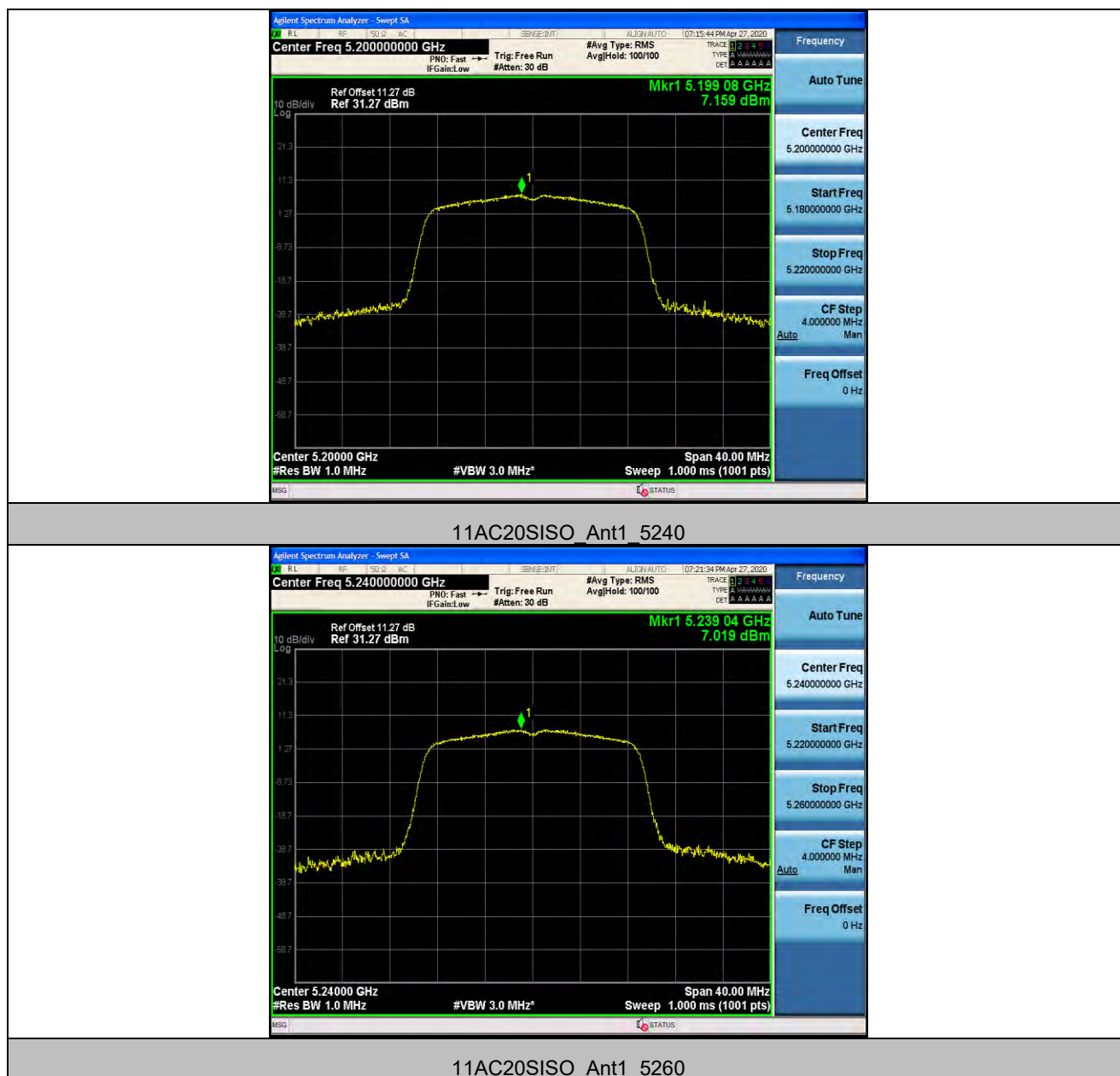


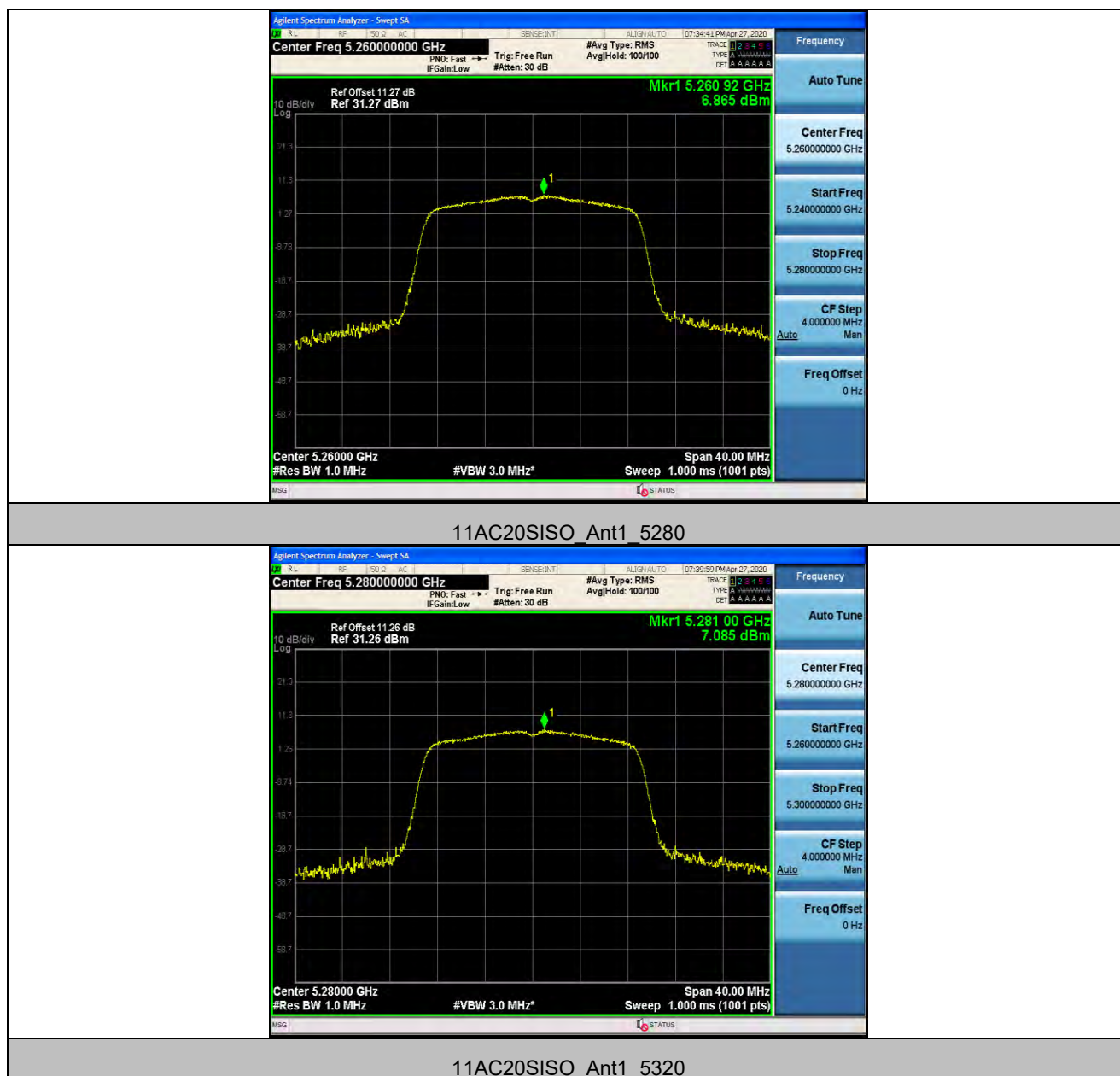












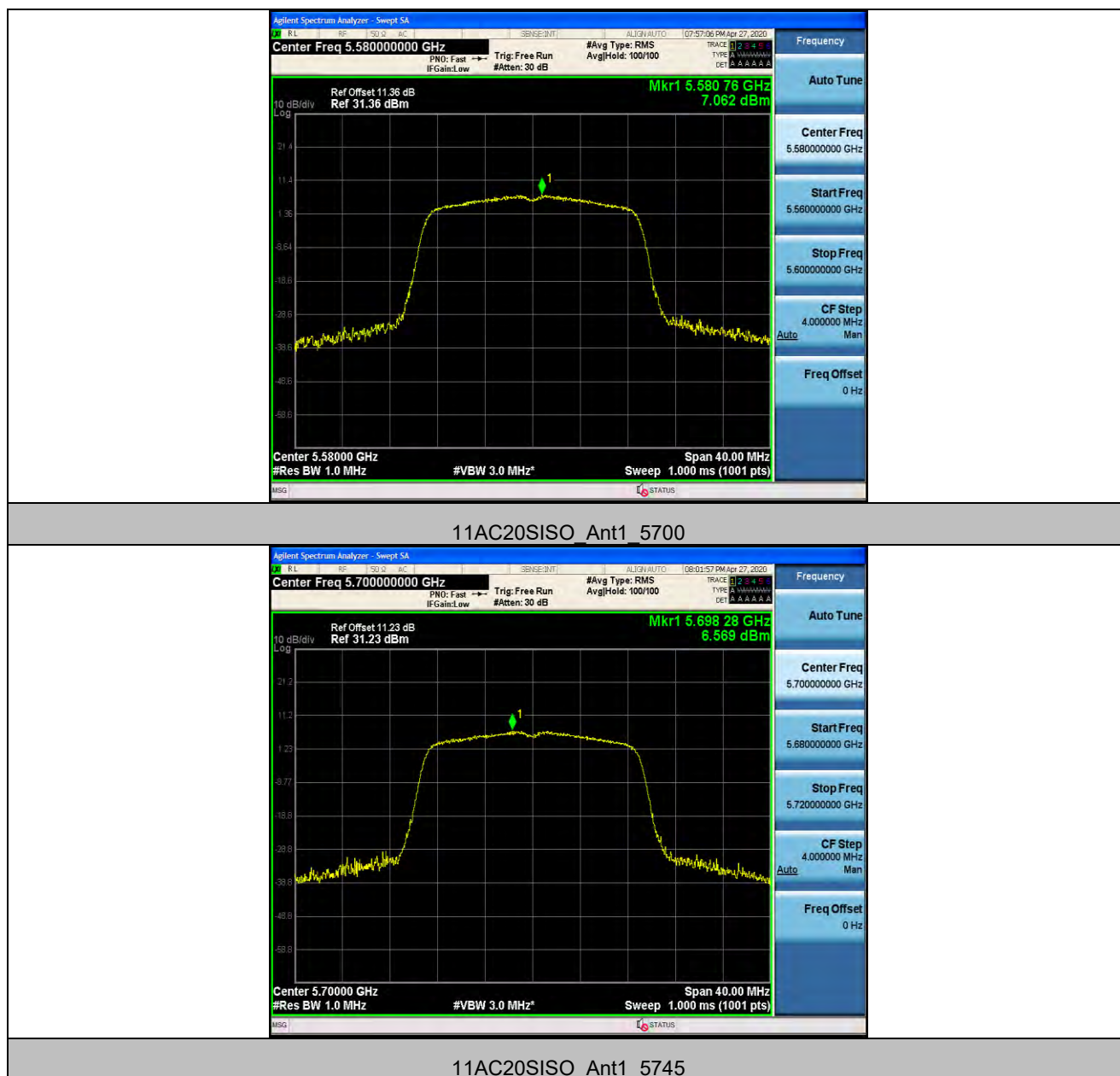


11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580







11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5805





11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230





11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310





11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



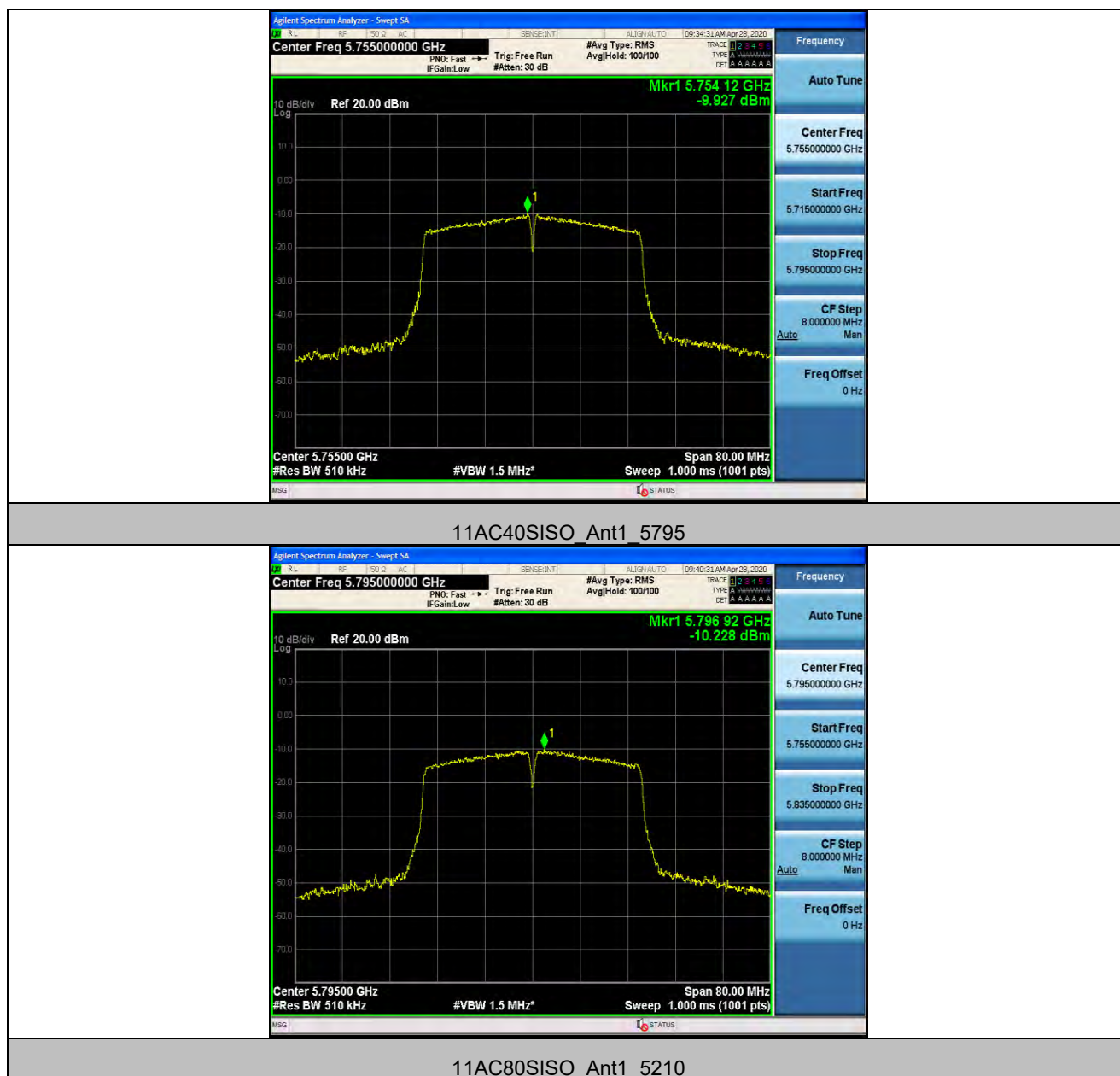


11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755







11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530





11AC80SISO Ant1 5610



11AC80SISO Ant1 5690 UNII-2C

