

RF Test Data for RLAN(5.8G) (Conducted Measurement)**Product Name: 4K Set Top Box****Trade Mark: Force1****Test Model: IPA2114HDW****FCC ID: 2AOVU-IPA2114HDW****IC: 25669-IPA2114HDW****Environmental Conditions**

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

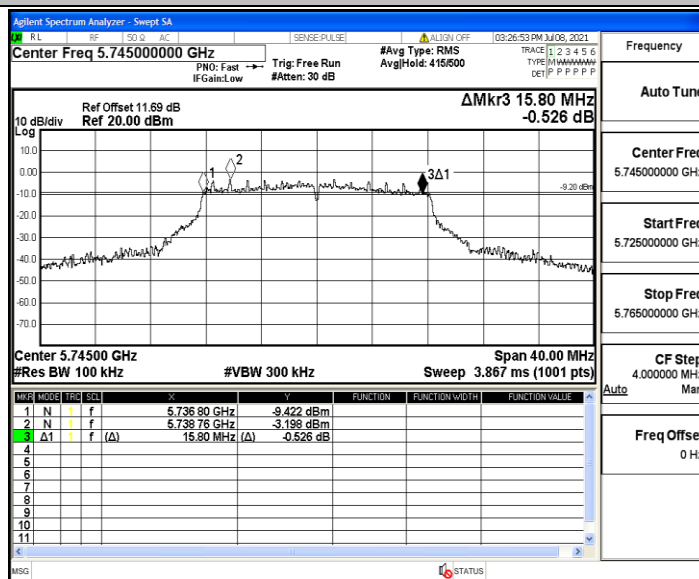
Appendix A1: Min emission bandwidth**Test Result**

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.800	5736.800	5752.600	0.5	PASS
	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
	Ant1	5785	16.040	5776.800	5792.840	0.5	PASS
	Ant2	5785	16.160	5777.040	5793.200	0.5	PASS
	Ant1	5825	15.800	5817.360	5833.160	0.5	PASS
	Ant2	5825	15.960	5817.200	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	17.680	5736.080	5753.760	0.5	PASS
	Ant2	5745	17.720	5736.160	5753.880	0.5	PASS
	Ant1	5785	17.760	5776.120	5793.880	0.5	PASS
	Ant2	5785	17.800	5776.120	5793.920	0.5	PASS
	Ant1	5825	17.760	5816.120	5833.880	0.5	PASS
	Ant2	5825	17.800	5816.080	5833.880	0.5	PASS
11N40MIMO	Ant1	5755	36.240	5736.680	5772.920	0.5	PASS
	Ant2	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant1	5795	36.560	5776.680	5813.240	0.5	PASS
	Ant2	5795	36.560	5776.760	5813.320	0.5	PASS
11AC20MIMO	Ant1	5745	17.760	5736.080	5753.840	0.5	PASS
	Ant2	5745	17.760	5736.120	5753.880	0.5	PASS
	Ant1	5785	17.760	5776.120	5793.880	0.5	PASS
	Ant2	5785	17.760	5776.120	5793.880	0.5	PASS
	Ant1	5825	17.760	5816.120	5833.880	0.5	PASS
	Ant2	5825	17.760	5816.120	5833.880	0.5	PASS
11AC40MIMO	Ant1	5755	36.560	5736.680	5773.240	0.5	PASS

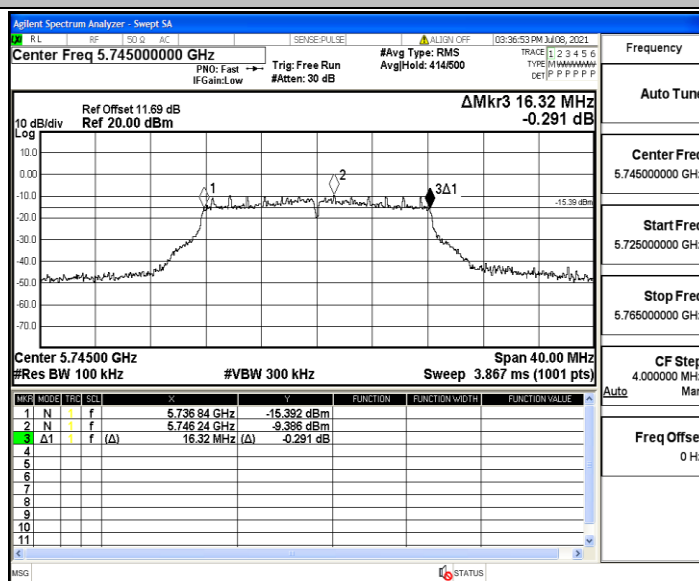
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	Ant2	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant1	5795	36.240	5776.680	5812.920	0.5	PASS
	Ant2	5795	36.560	5776.760	5813.320	0.5	PASS
11AC80MIMO	Ant1	5775	76.160	5736.600	5812.760	0.5	PASS
	Ant2	5775	76.160	5737.080	5813.240	0.5	PASS
11AX20MIMO	Ant1	5745	19.080	5735.440	5754.520	0.5	PASS
	Ant2	5745	19.080	5735.440	5754.520	0.5	PASS
	Ant1	5785	19.080	5775.440	5794.520	0.5	PASS
	Ant2	5785	19.080	5775.480	5794.560	0.5	PASS
	Ant1	5825	19.080	5815.440	5834.520	0.5	PASS
	Ant2	5825	19.160	5815.440	5834.600	0.5	PASS
11AX40MIMO	Ant1	5755	37.520	5736.040	5773.560	0.5	PASS
	Ant2	5755	37.840	5736.120	5773.960	0.5	PASS
	Ant1	5795	37.440	5776.120	5813.560	0.5	PASS
	Ant2	5795	37.200	5776.600	5813.800	0.5	PASS
11AX80MIMO	Ant1	5775	76.800	5735.960	5812.760	0.5	PASS
	Ant2	5775	76.960	5737.080	5814.040	0.5	PASS

Test Graphs

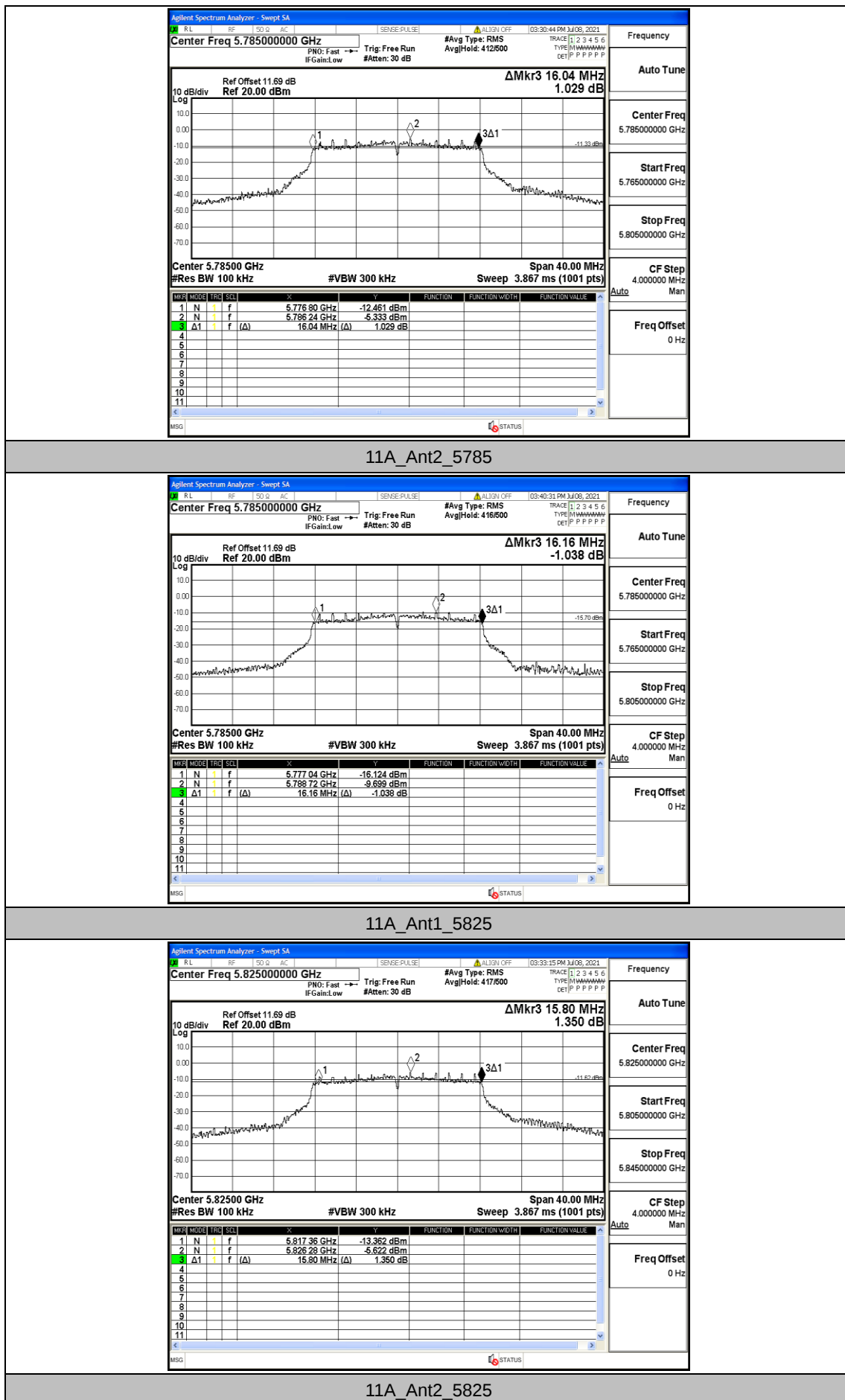
11A_Ant1_5745

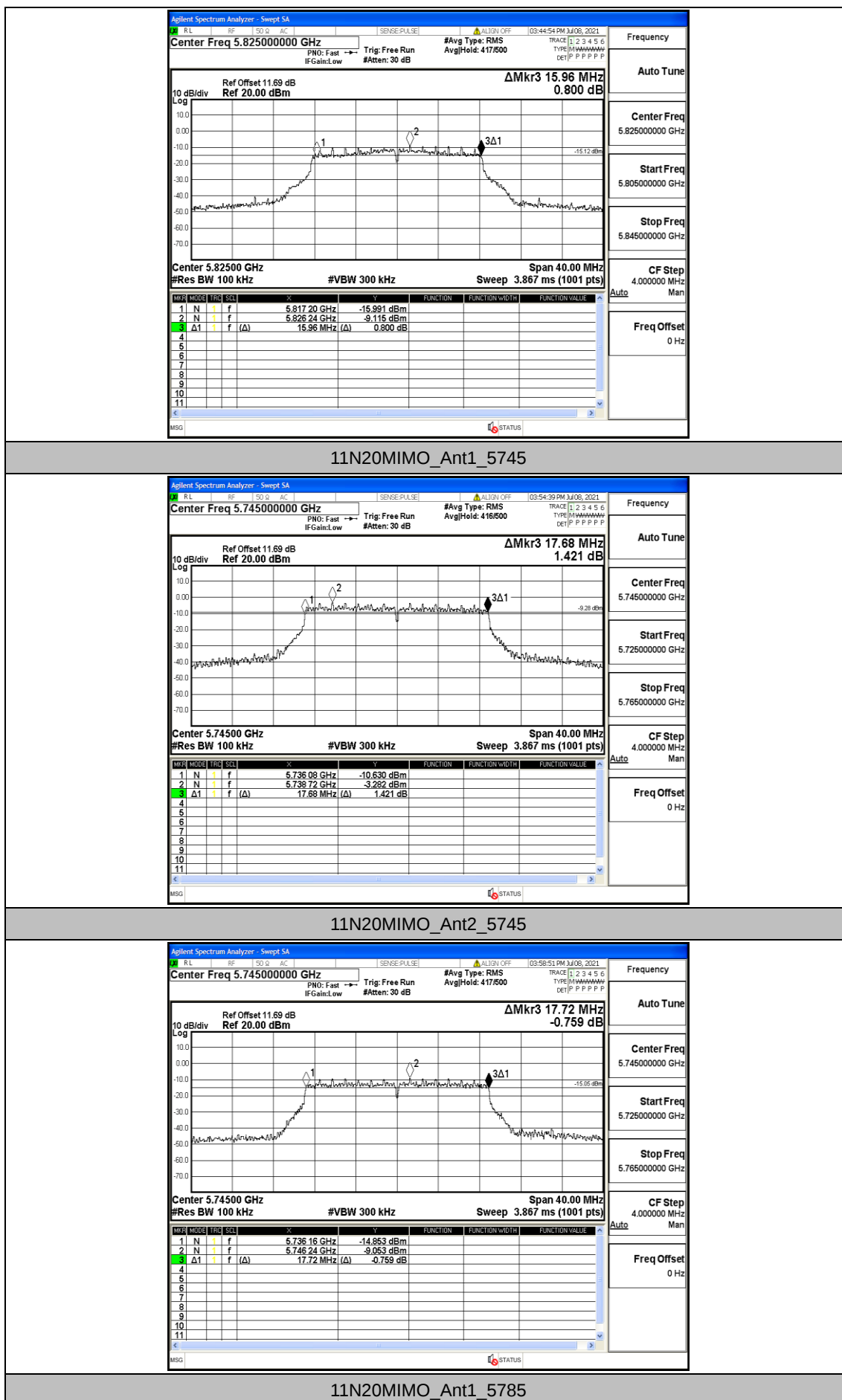


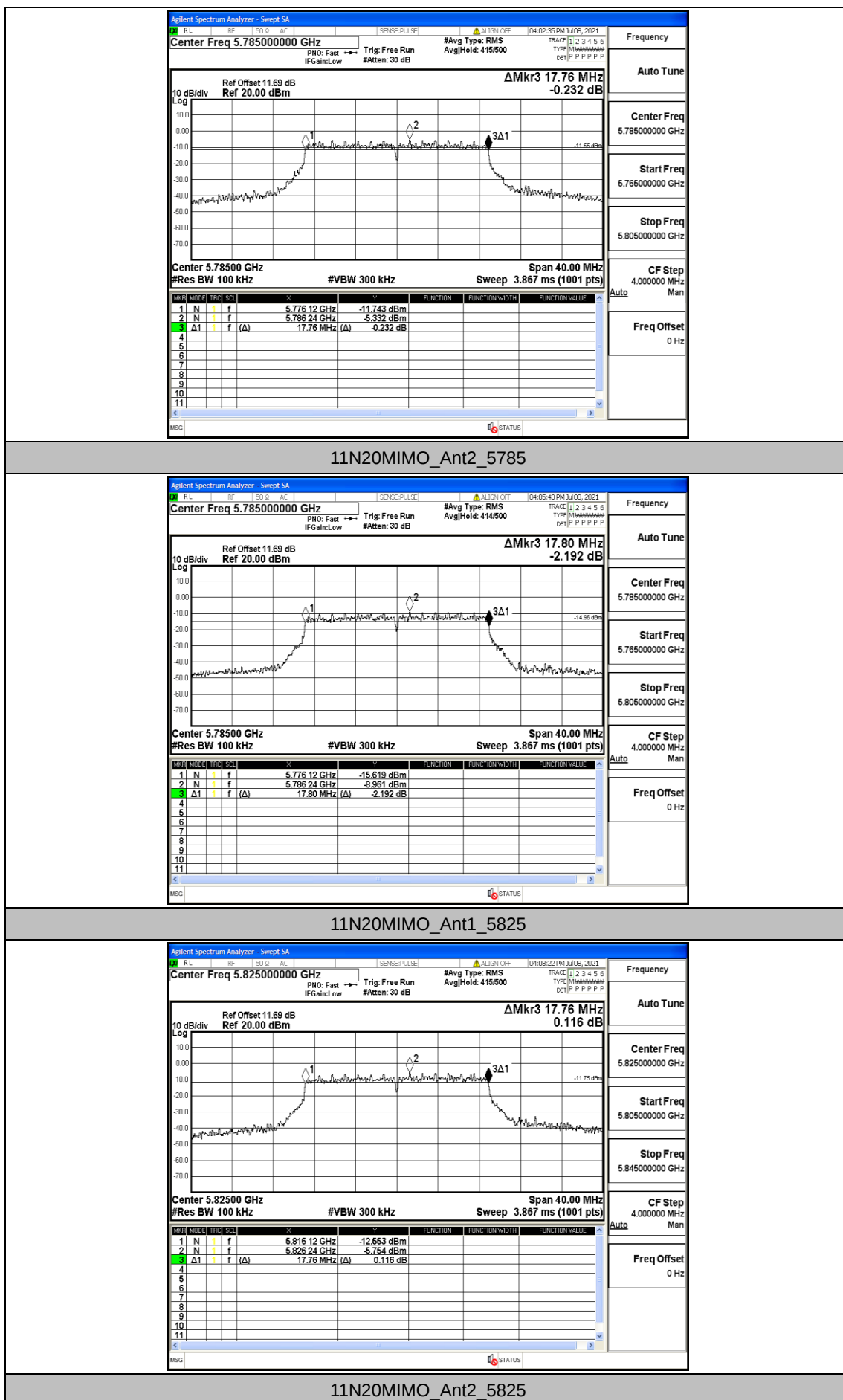
11A_Ant2_5745

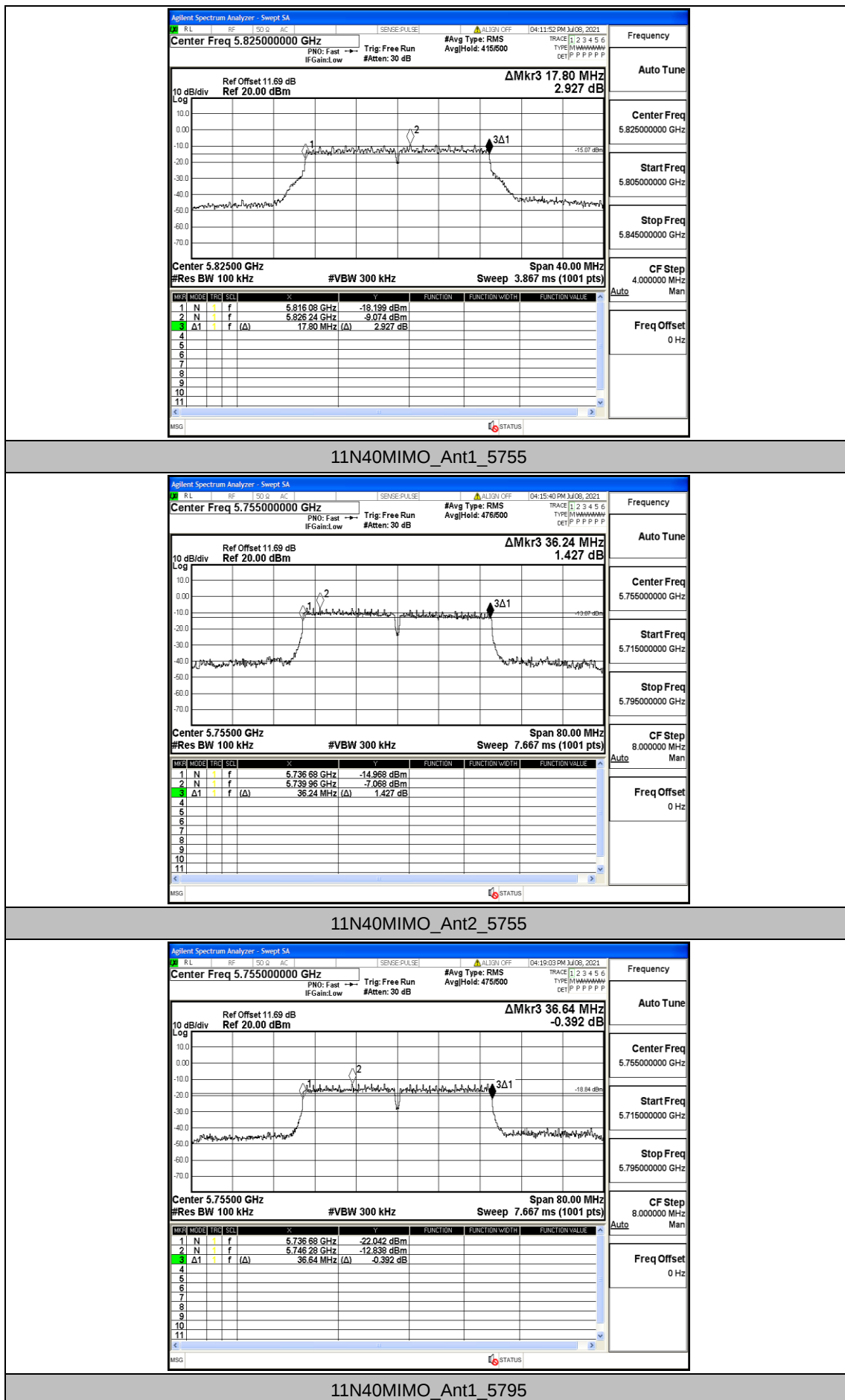


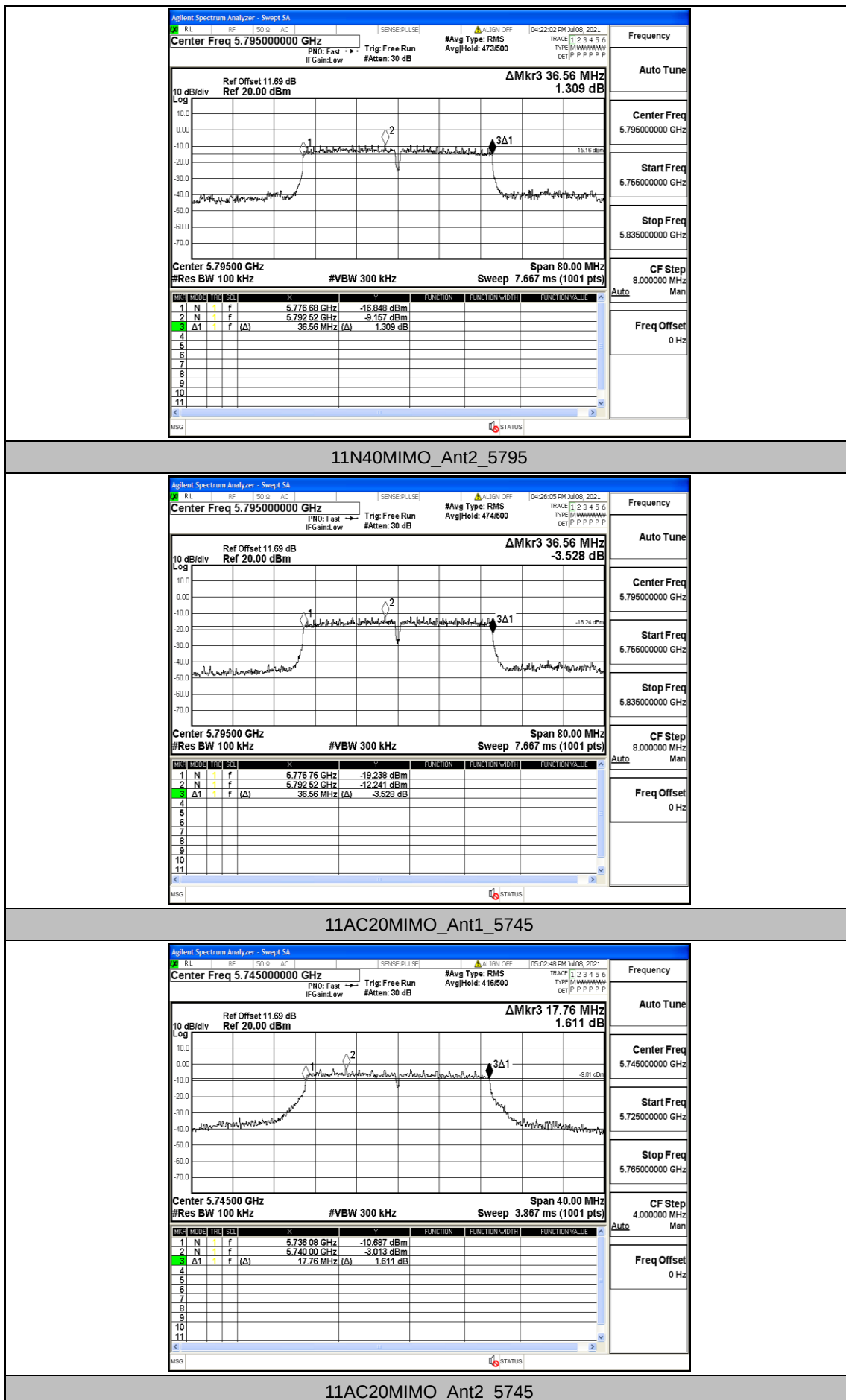
11A_Ant1_5785

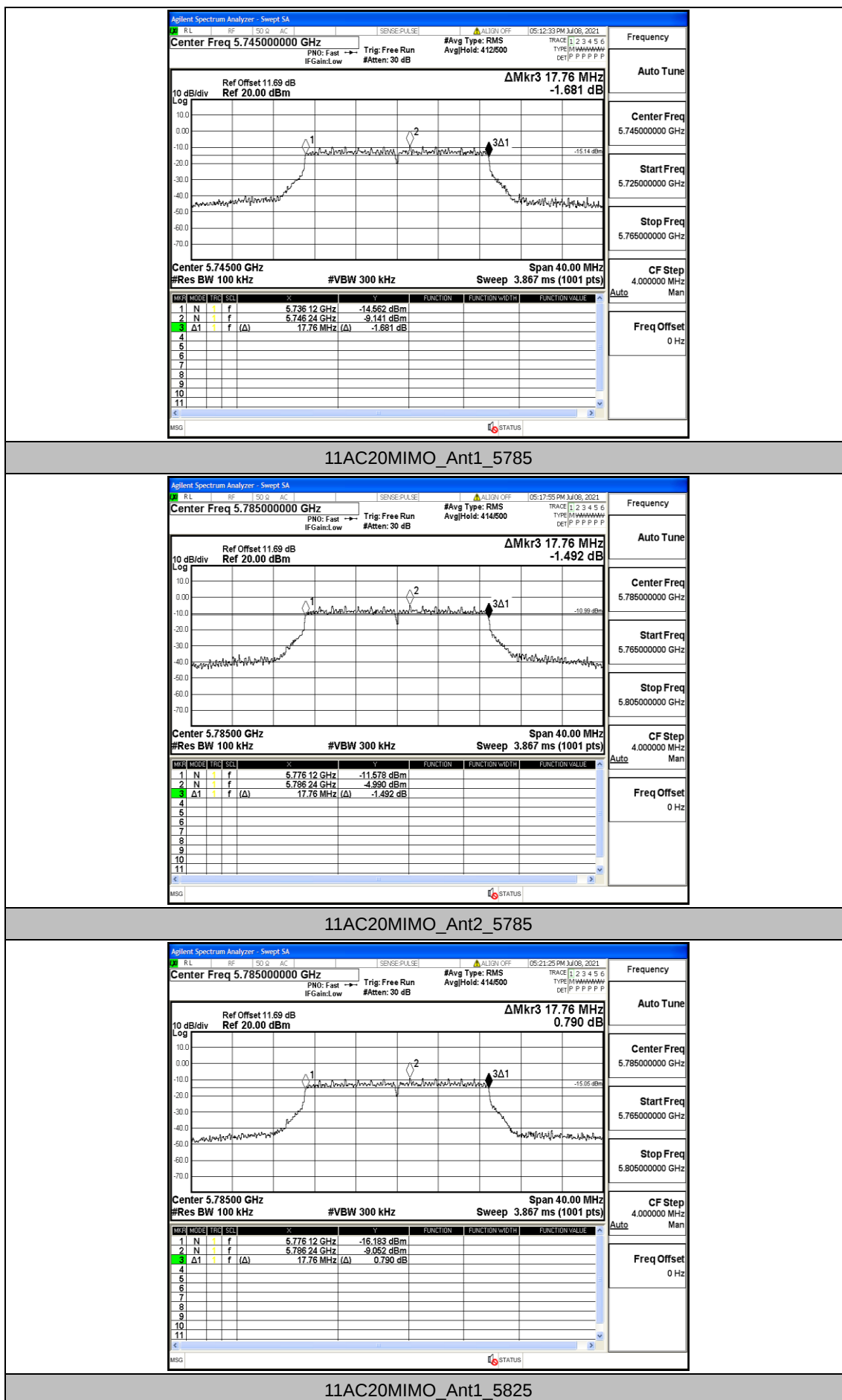


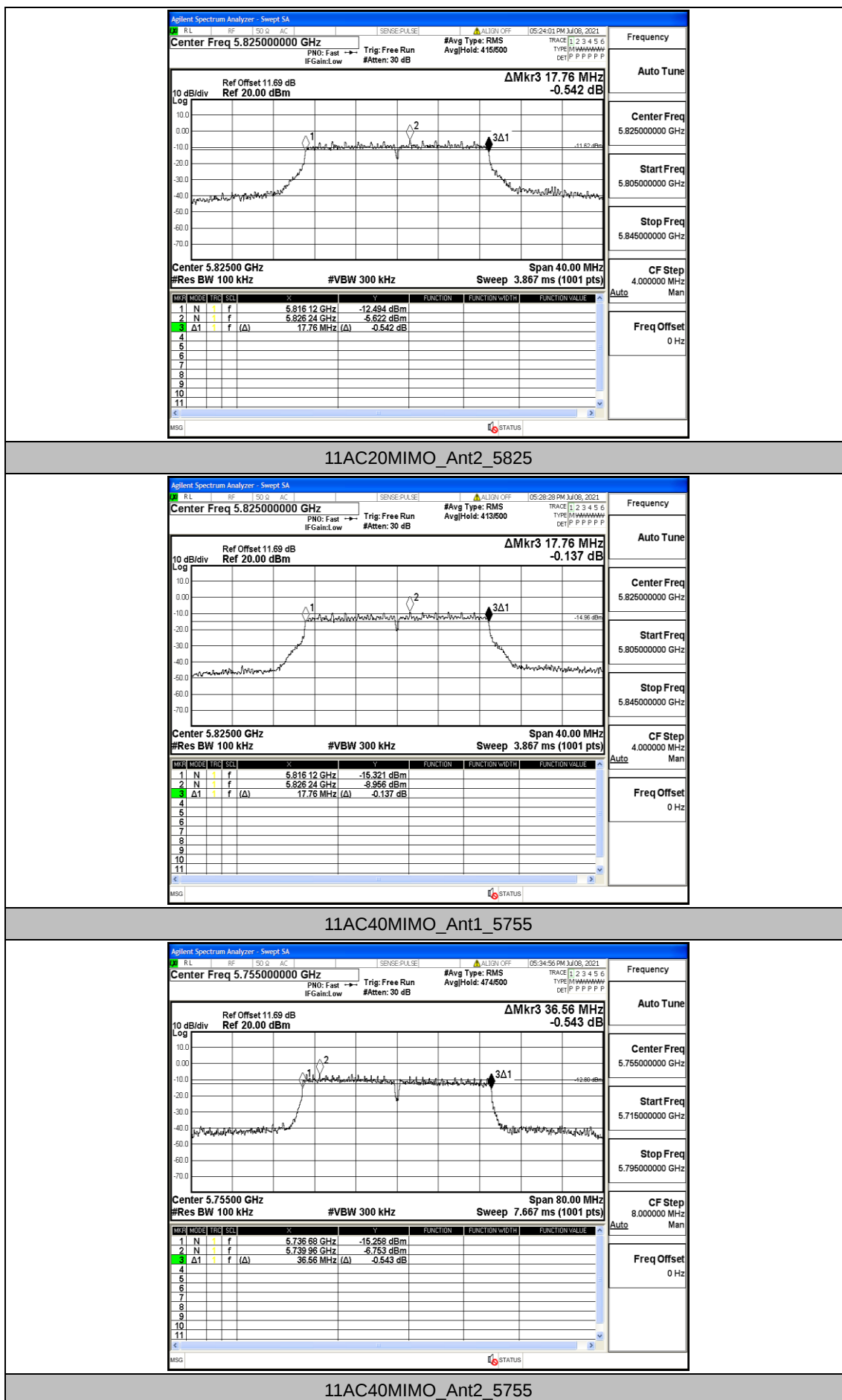


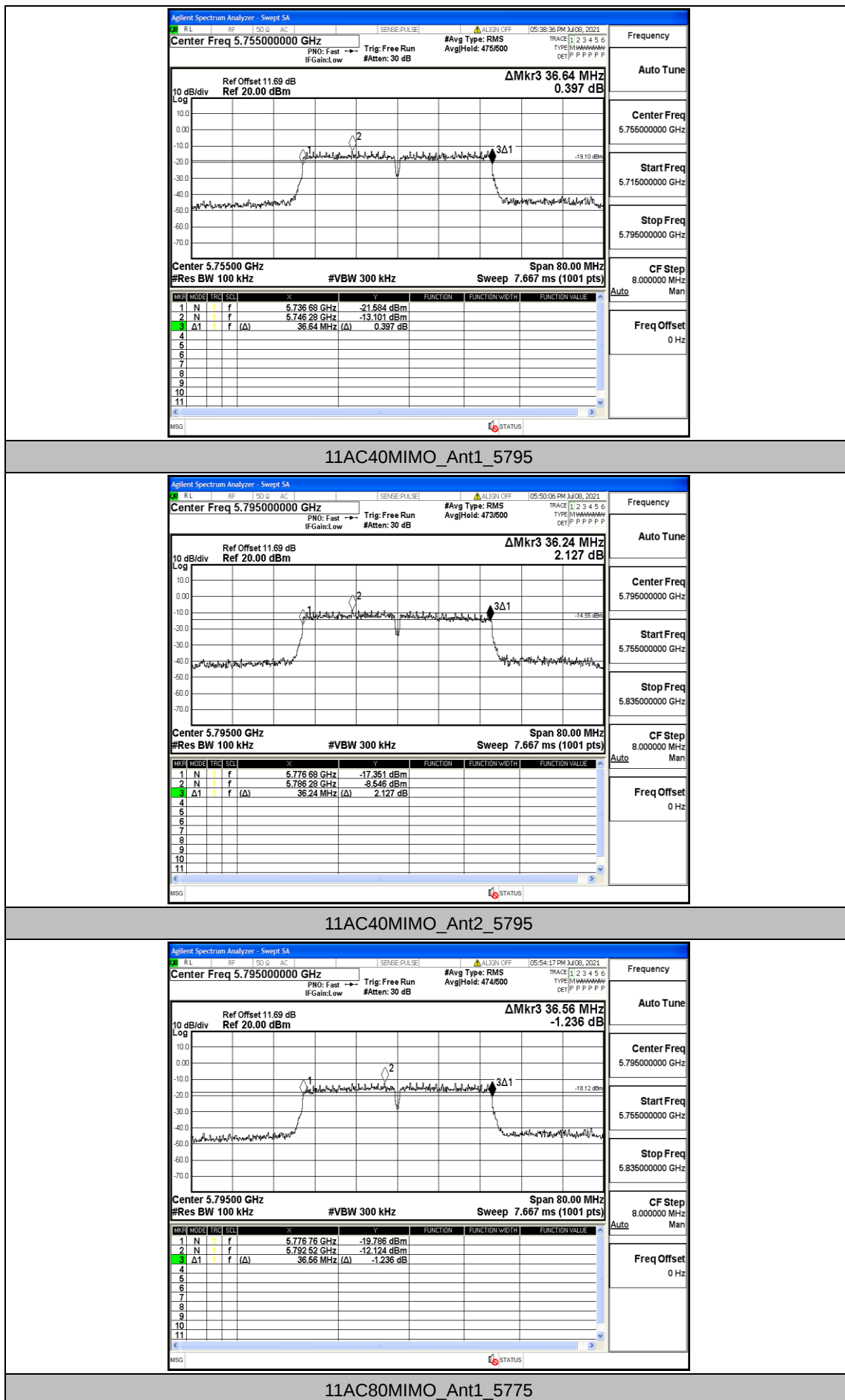


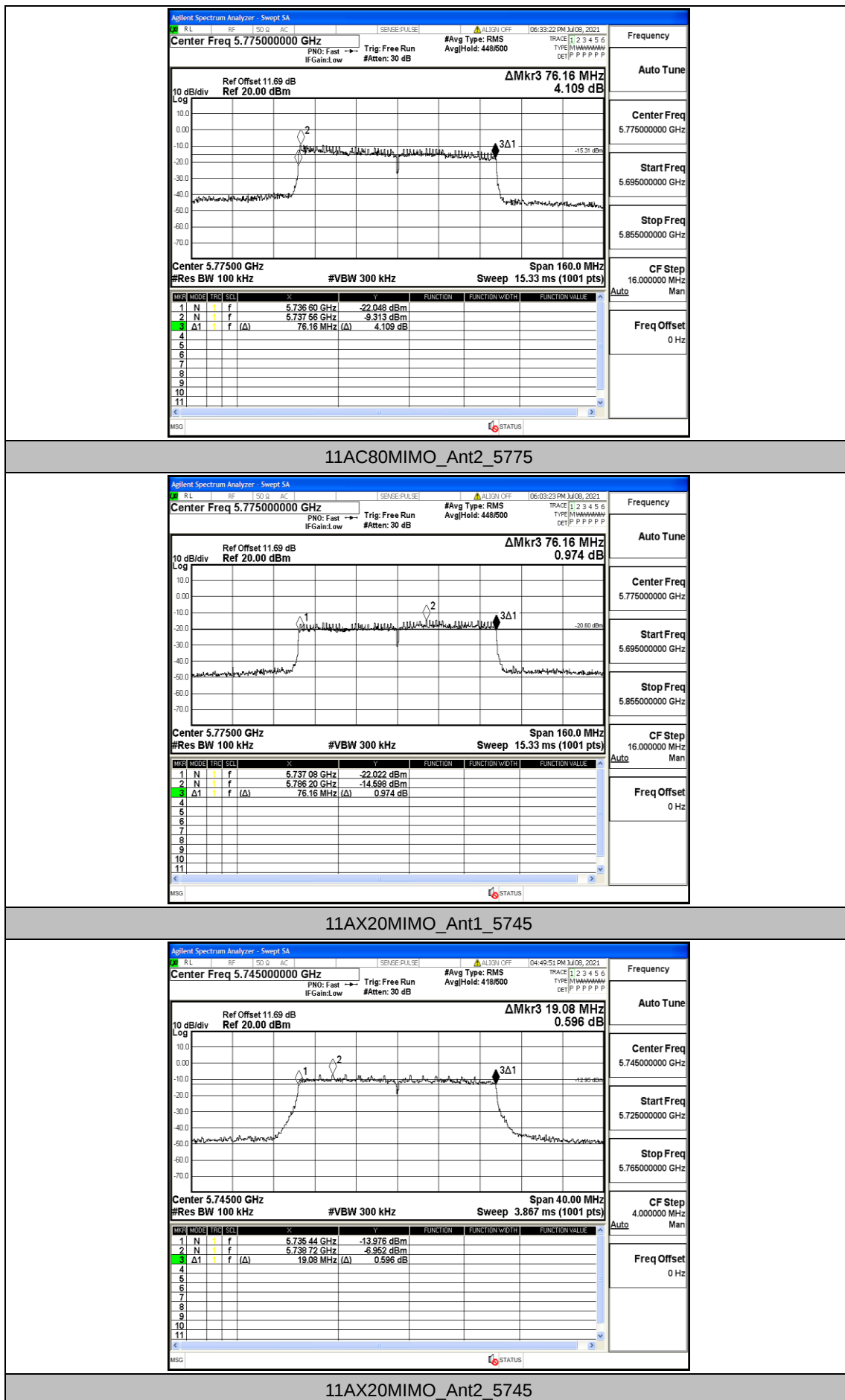


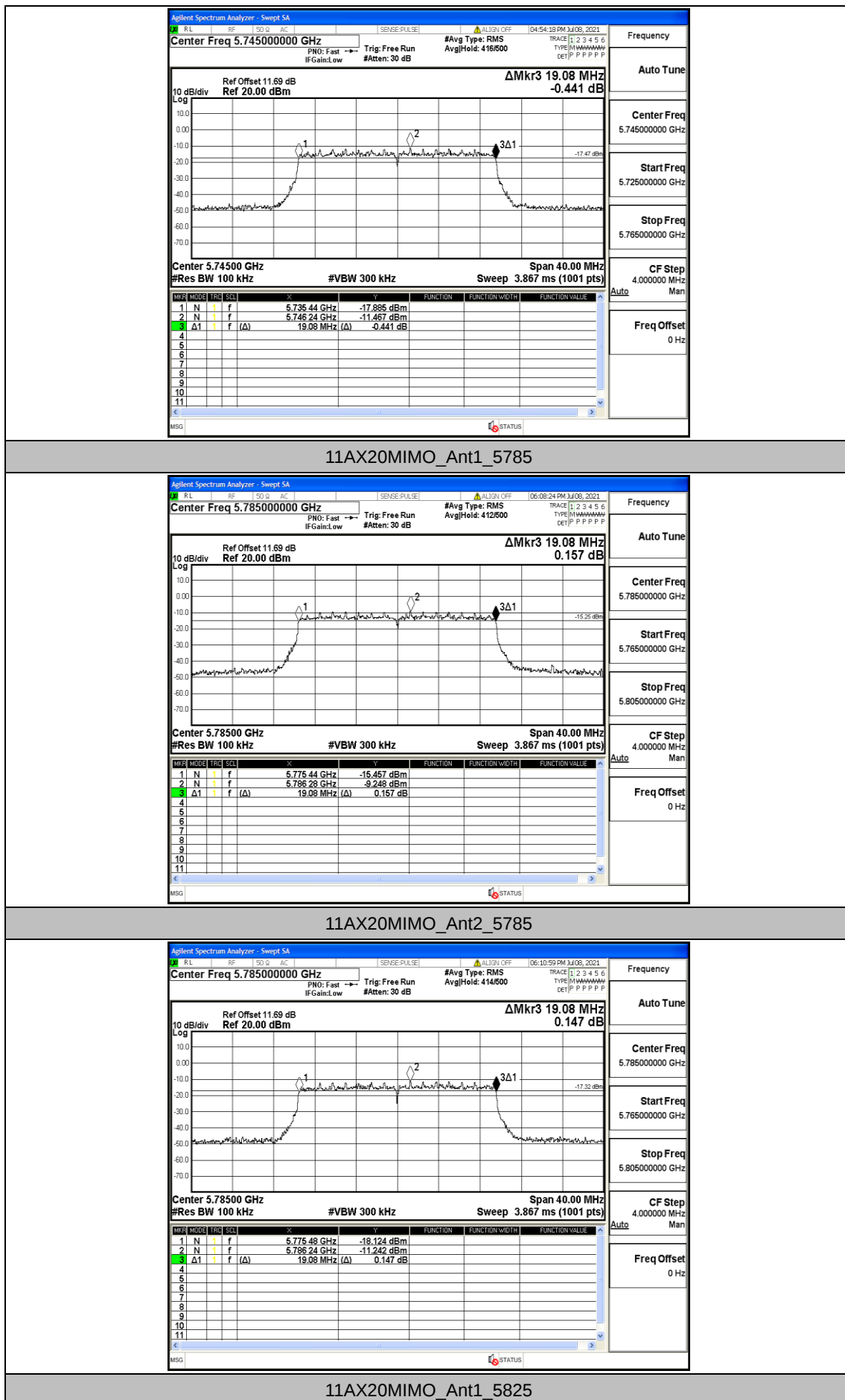


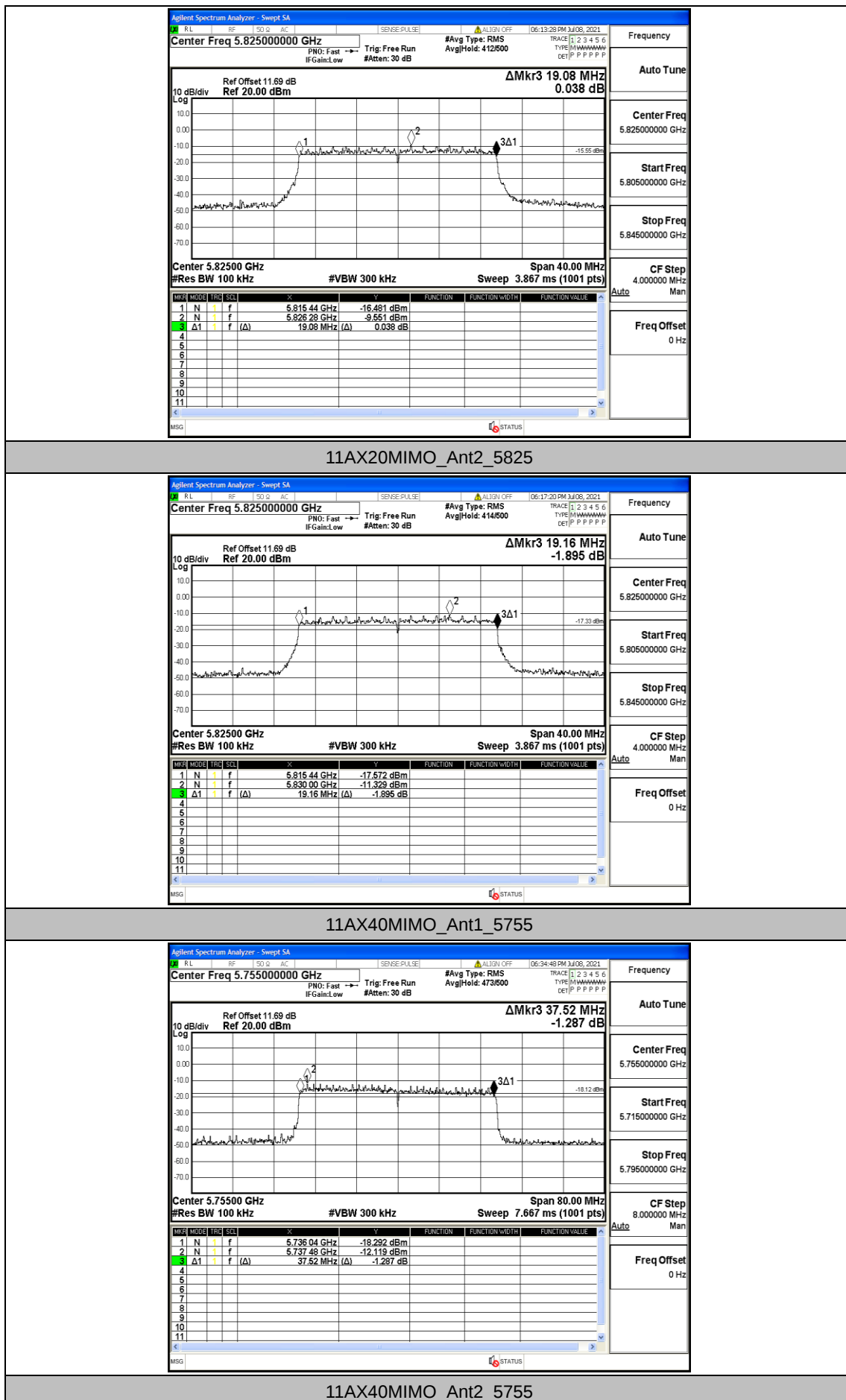


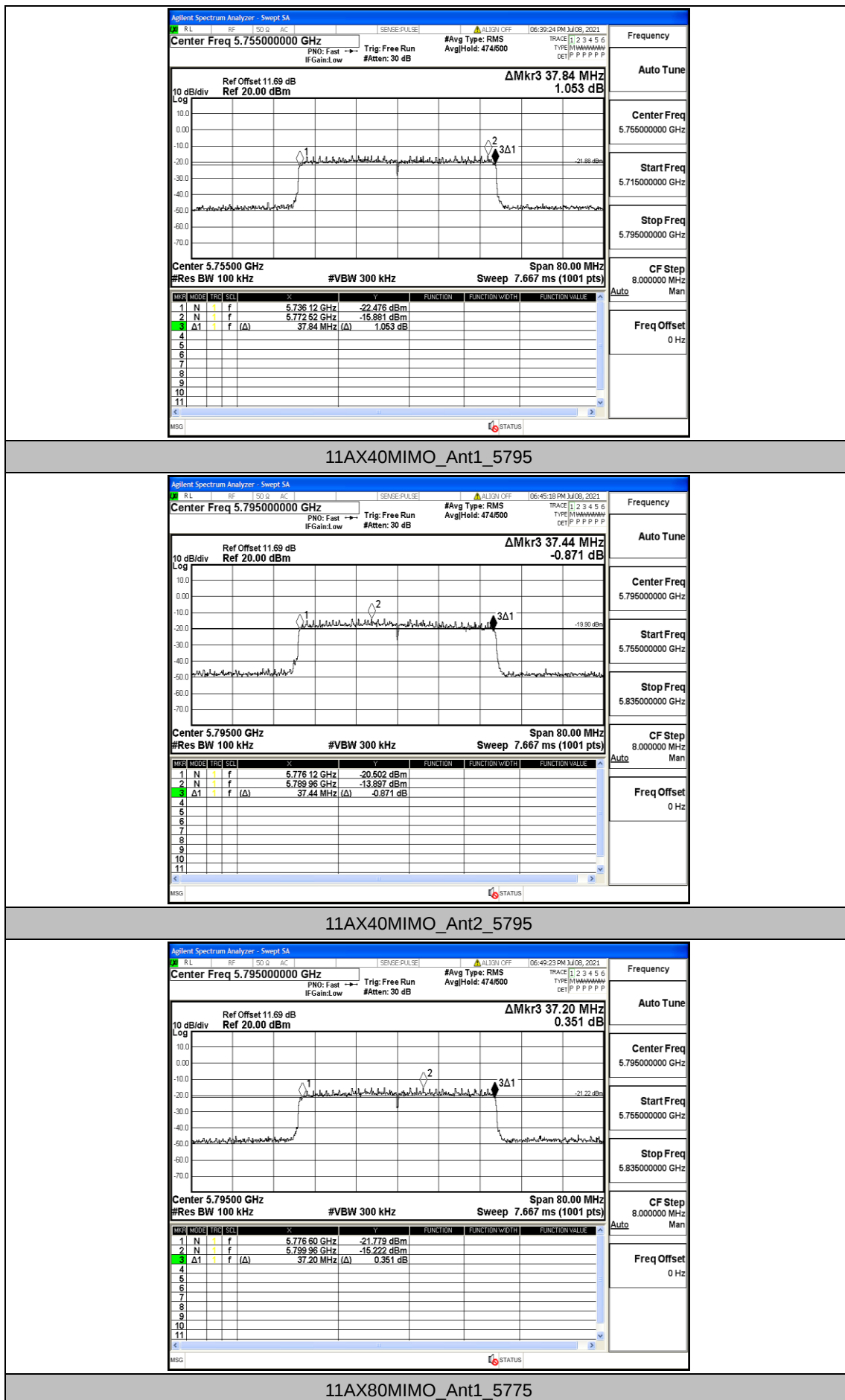


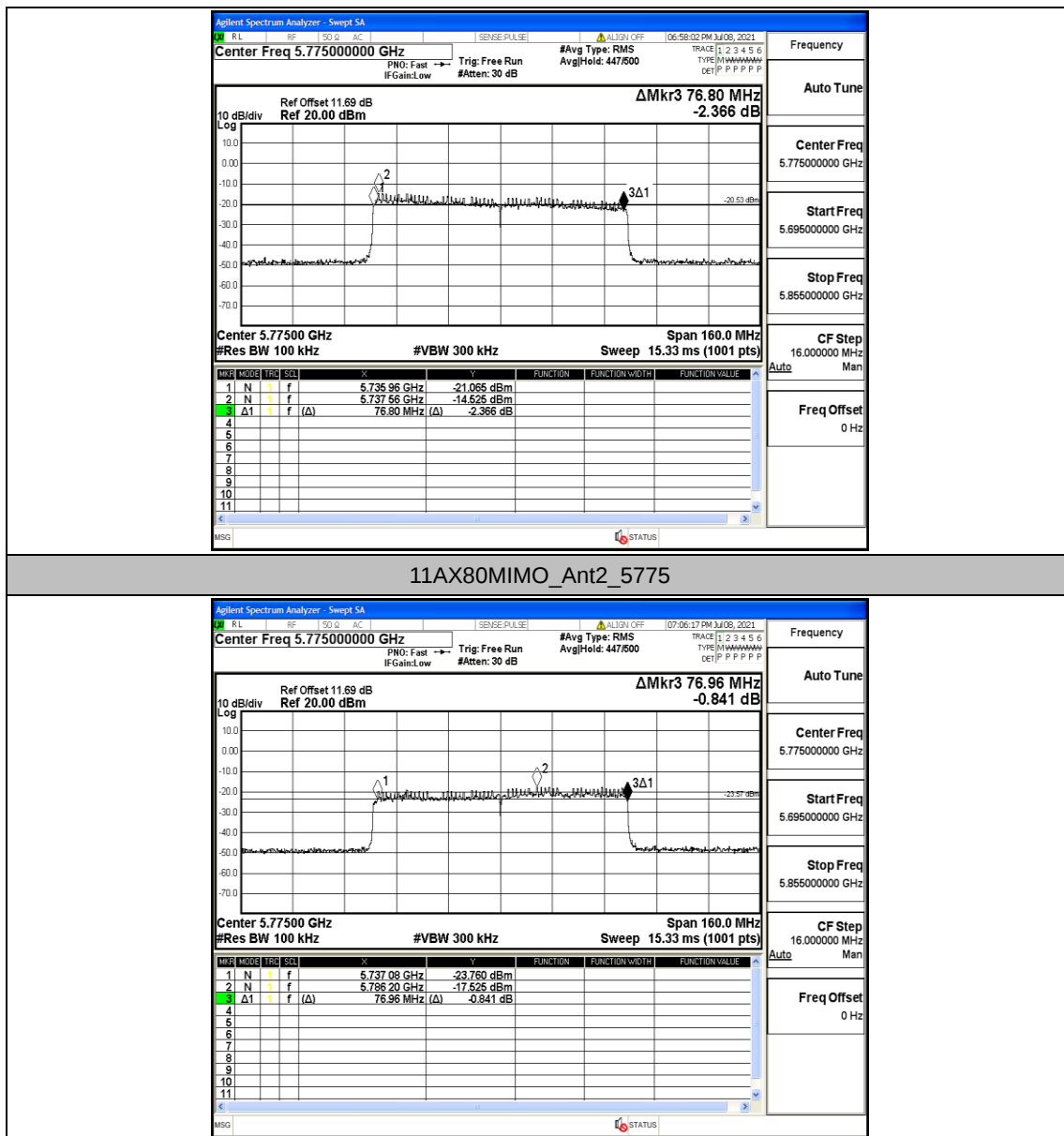










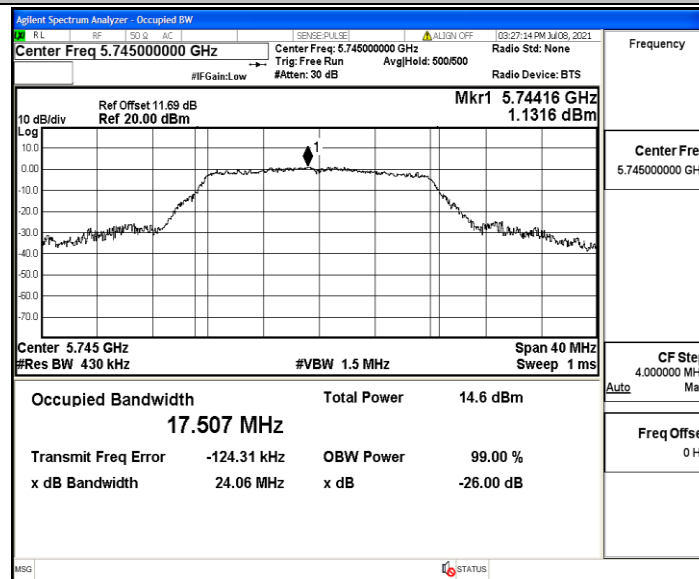


Appendix A2: Occupied channel bandwidth**Test Result**

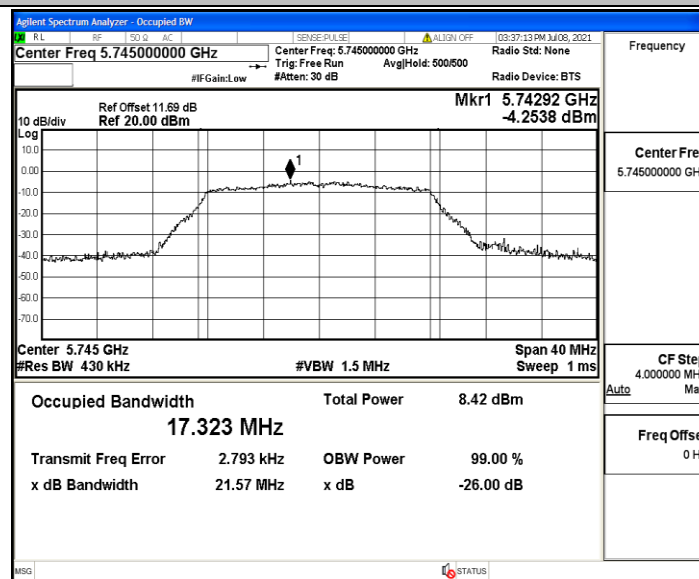
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.507	5736.122	5753.629	---	PASS
	Ant2	5745	17.323	5736.341	5753.664	---	PASS
	Ant1	5785	17.360	5776.320	5793.680	---	PASS
	Ant2	5785	17.327	5776.399	5793.726	---	PASS
	Ant1	5825	17.468	5816.421	5833.889	---	PASS
	Ant2	5825	17.341	5816.390	5833.731	---	PASS
11N20MIMO	Ant1	5745	18.338	5735.793	5754.131	---	PASS
	Ant2	5745	18.244	5735.917	5754.161	---	PASS
	Ant1	5785	18.294	5775.861	5794.155	---	PASS
	Ant2	5785	18.225	5775.978	5794.203	---	PASS
	Ant1	5825	18.296	5815.951	5834.247	---	PASS
	Ant2	5825	18.229	5815.940	5834.169	---	PASS
11N40MIMO	Ant1	5755	36.823	5736.538	5773.361	---	PASS
	Ant2	5755	36.820	5736.772	5773.592	---	PASS
	Ant1	5795	36.776	5776.637	5813.413	---	PASS
	Ant2	5795	36.680	5776.832	5813.512	---	PASS
11AC20MIMO	Ant1	5745	18.438	5735.647	5754.085	---	PASS
	Ant2	5745	18.356	5735.811	5754.167	---	PASS
	Ant1	5785	18.378	5775.794	5794.172	---	PASS
	Ant2	5785	18.241	5775.932	5794.173	---	PASS
	Ant1	5825	18.397	5815.843	5834.240	---	PASS
	Ant2	5825	18.279	5815.897	5834.176	---	PASS
11AC40MIMO	Ant1	5755	36.992	5736.332	5773.324	---	PASS
	Ant2	5755	37.182	5736.490	5773.672	---	PASS
	Ant1	5795	37.000	5776.440	5813.440	---	PASS
	Ant2	5795	36.830	5776.676	5813.506	---	PASS
11AC80MIMO	Ant1	5775	76.426	5736.475	5812.901	---	PASS
	Ant2	5775	76.242	5737.216	5813.458	---	PASS
11AX20MIMO	Ant1	5745	19.177	5735.359	5754.536	---	PASS
	Ant2	5745	19.130	5735.434	5754.564	---	PASS
	Ant1	5785	19.123	5775.452	5794.575	---	PASS
	Ant2	5785	19.162	5775.430	5794.592	---	PASS
	Ant1	5825	19.104	5815.480	5834.584	---	PASS
	Ant2	5825	19.160	5815.459	5834.619	---	PASS
11AX40MIMO	Ant1	5755	37.788	5736.044	5773.832	---	PASS
	Ant2	5755	37.745	5736.227	5773.972	---	PASS
	Ant1	5795	37.660	5776.179	5813.839	---	PASS
	Ant2	5795	37.571	5776.338	5813.909	---	PASS
11AX80MIMO	Ant1	5775	77.274	5736.096	5813.370	---	PASS
	Ant2	5775	77.500	5736.526	5814.026	---	PASS

Test Graphs

11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785

