



Appendix C

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: 1200M Wi-Fi 5 (802.11ac) Home Router

Trade Mark: iRideWiFi

Test Model: BH450

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan



C.1 6dB bandwidth

Test Result

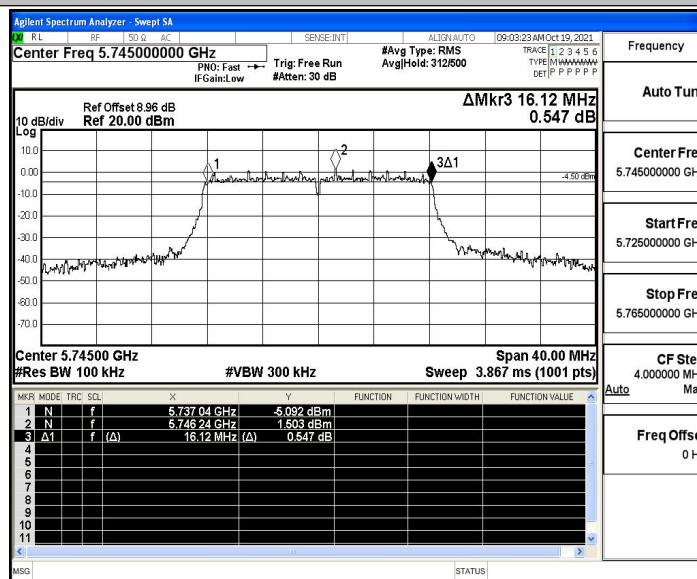
ANT1

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.120	5737.040	5753.160	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11N40SISO	Ant1	5755	35.440	5737.400	5772.840	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	17.400	5736.400	5753.800	0.5	PASS
		5785	17.240	5776.560	5793.800	0.5	PASS
		5825	17.400	5816.400	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.360	5777.320	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	74.240	5738.520	5812.760	0.5	PASS

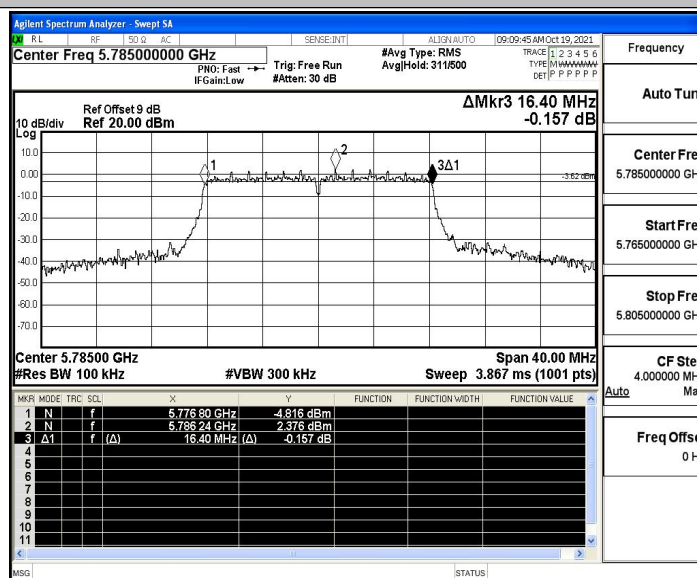


Test Graphs

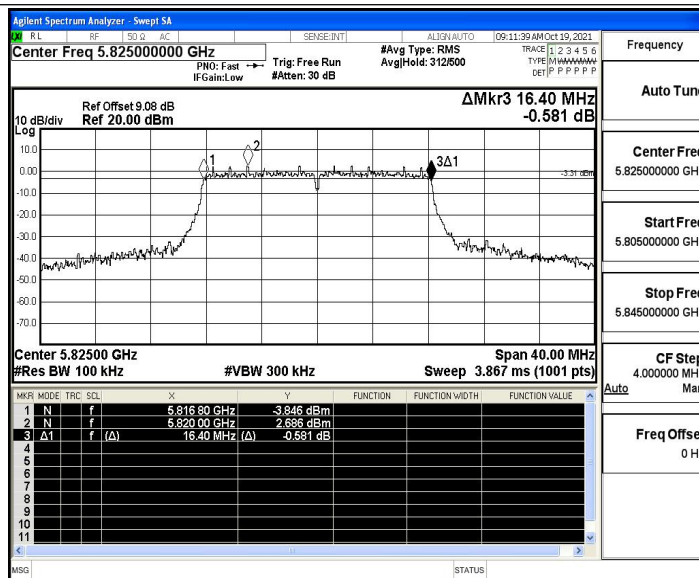
11A_Ant1_5745



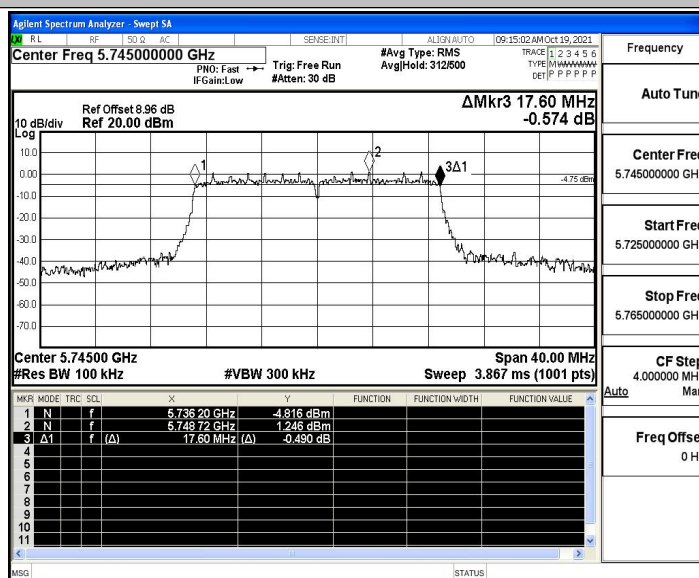
11A_Ant1_5785



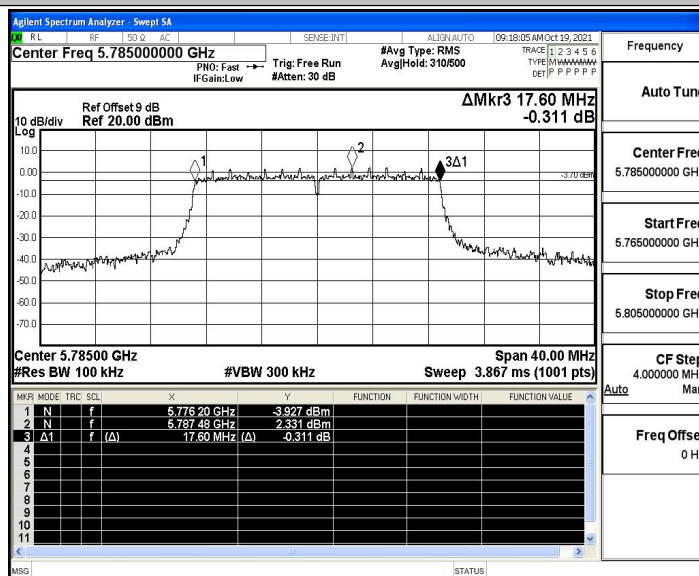
11A_Ant1_5825



11N20SISO_Ant1_5745

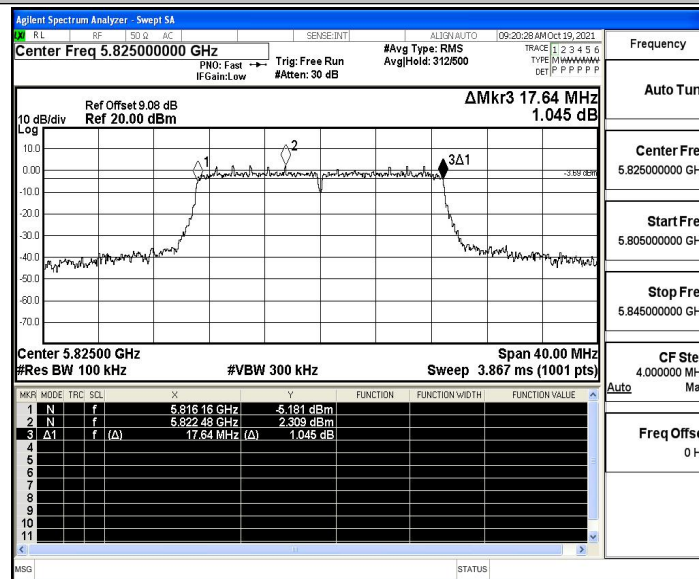


11N20SISO_Ant1_5785

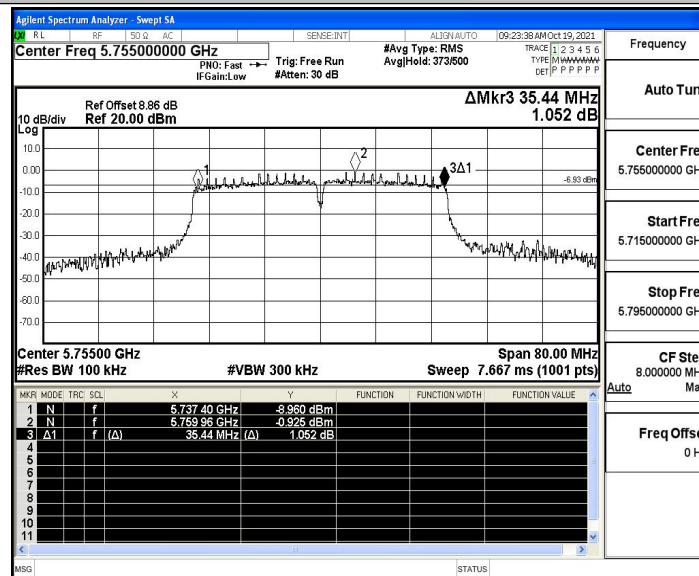




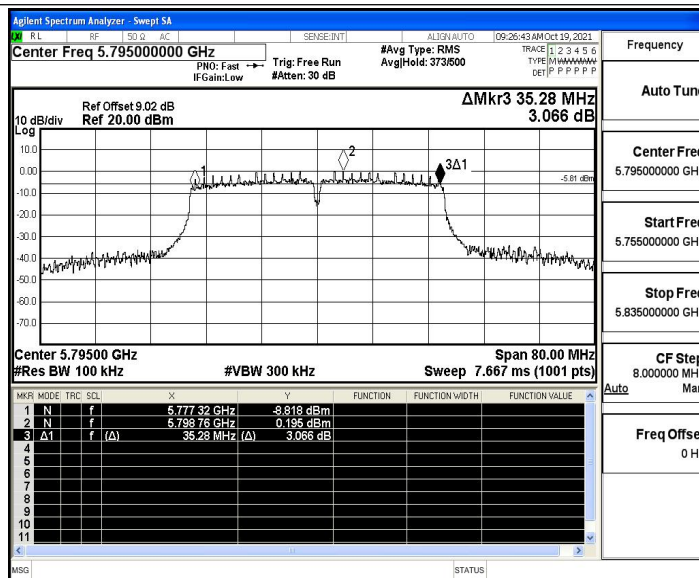
11N20SISO_Ant1_5825



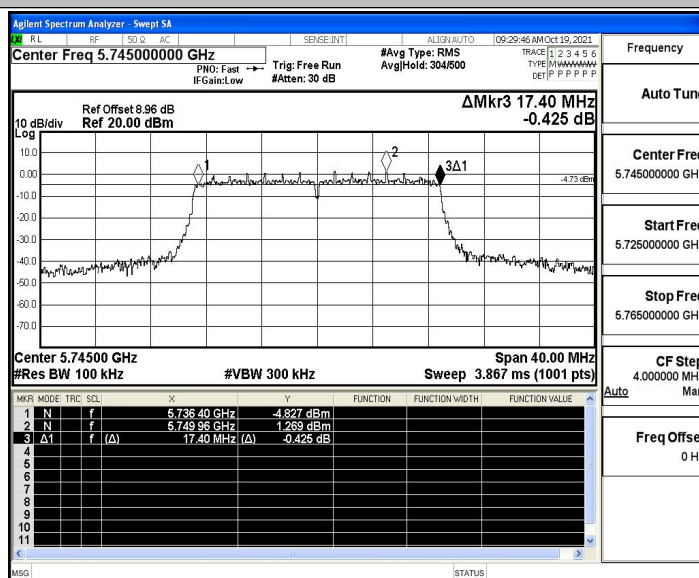
11N40SISO_Ant1_5755



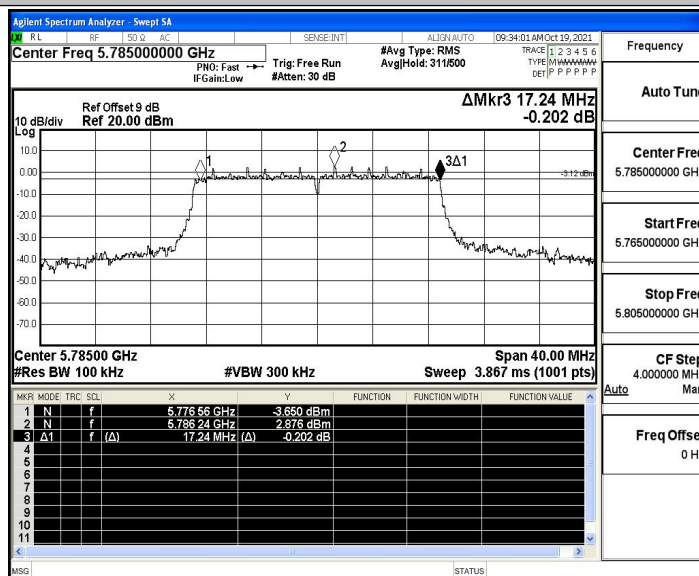
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745

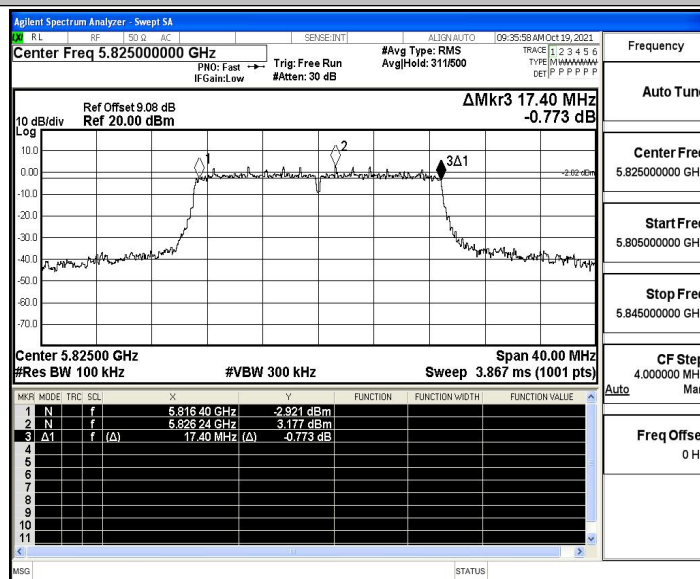


11AC20SISO_Ant1_5785

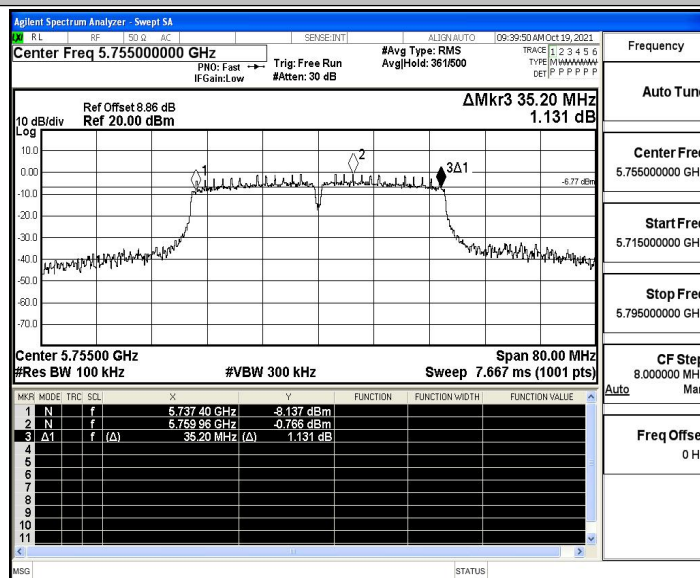




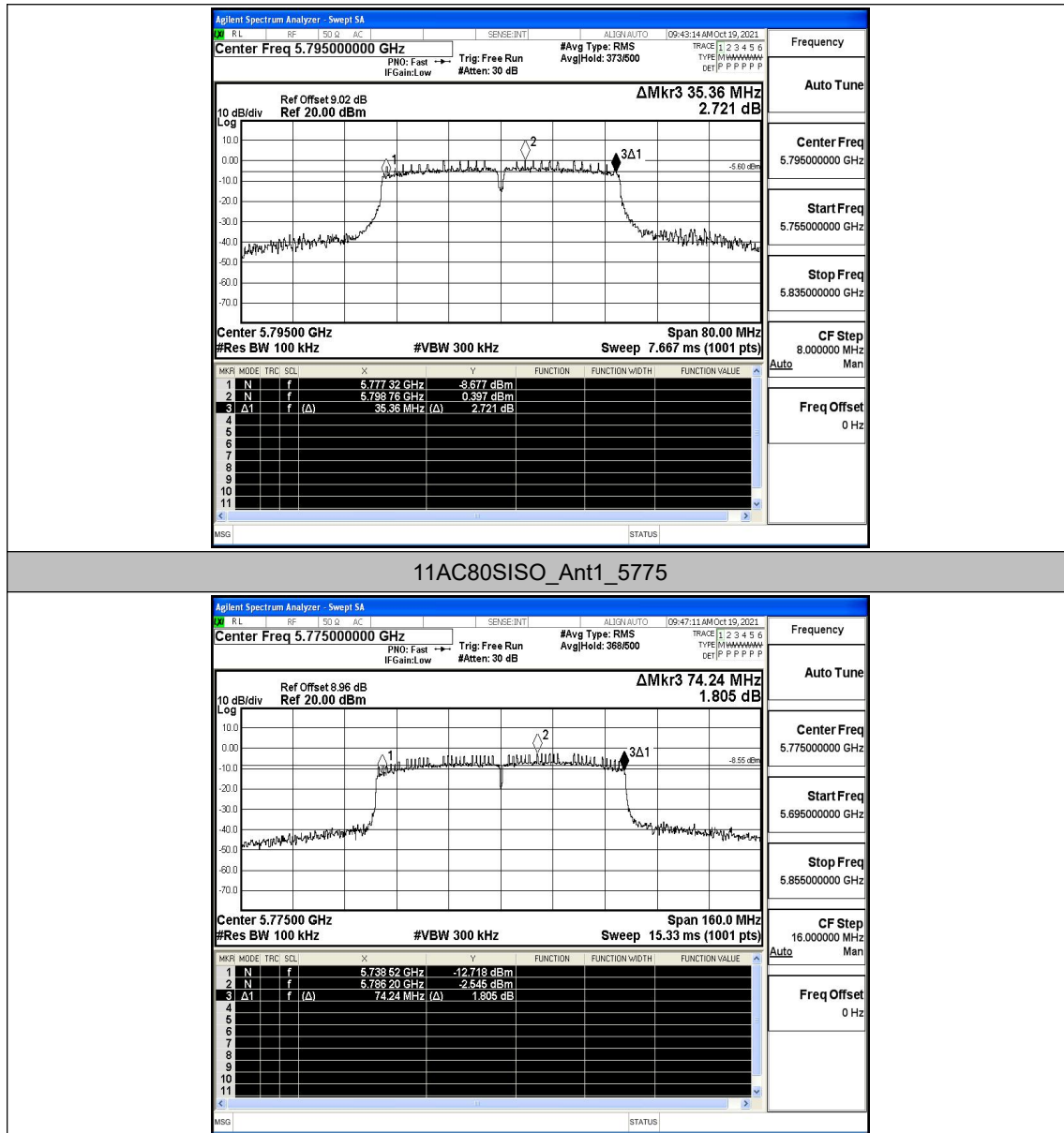
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



ANT2

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.400	5736.800	5753.200	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.280	5736.520	5753.800	0.5	PASS
		5785	17.360	5776.440	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11N40SISO	Ant2	5755	35.520	5737.320	5772.840	0.5	PASS
		5795	35.360	5777.320	5812.680	0.5	PASS
11AC20SISO	Ant2	5745	17.120	5736.440	5753.560	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.400	5816.400	5833.800	0.5	PASS

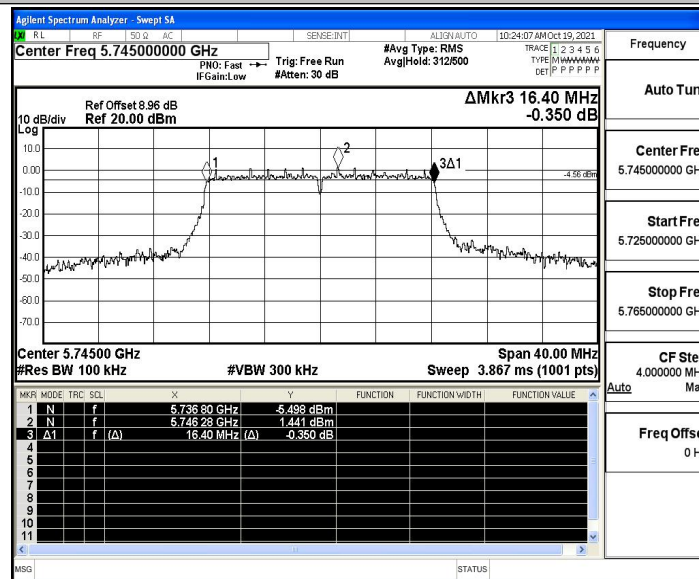


11AC40SISO	Ant2	5755	35.280	5737.400	5772.680	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC80SISO	Ant2	5775	74.240	5738.520	5812.760	0.5	PASS

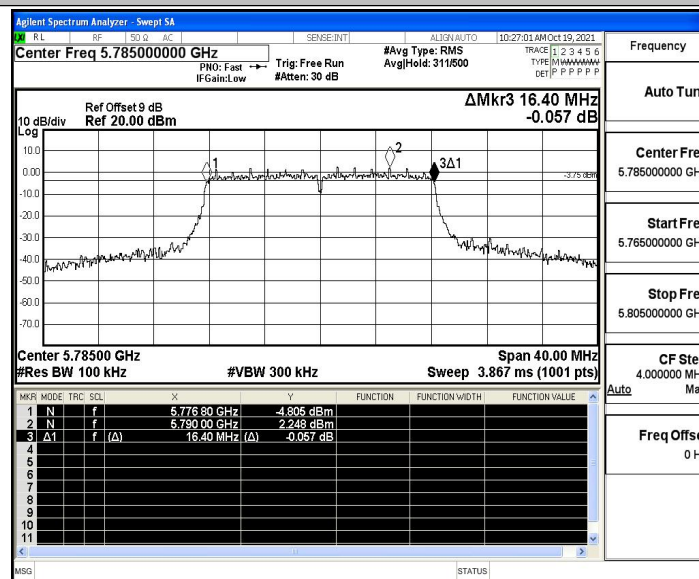


Test Graphs

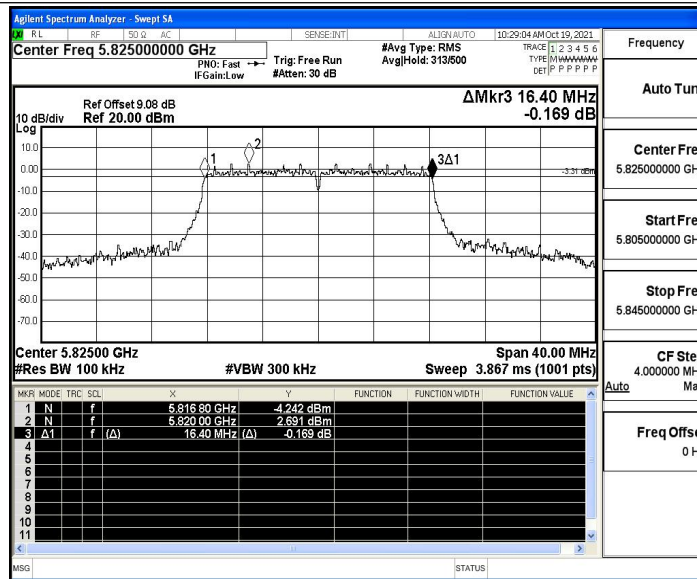
11A_Ant2_5745



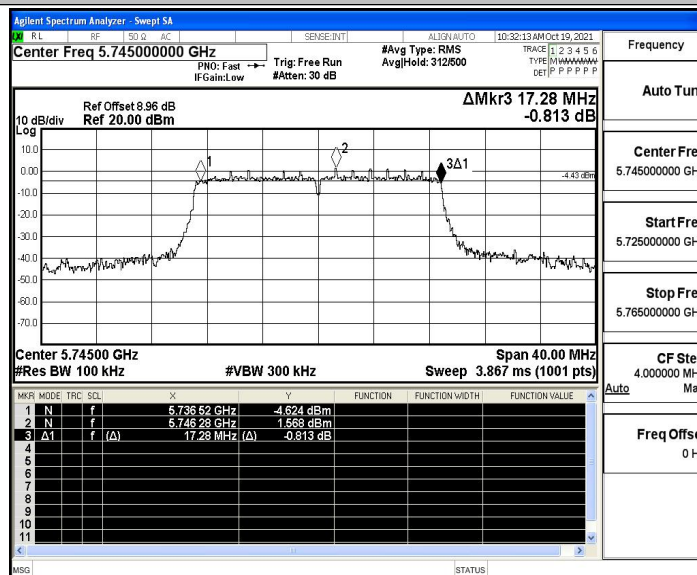
11A_Ant2_5785



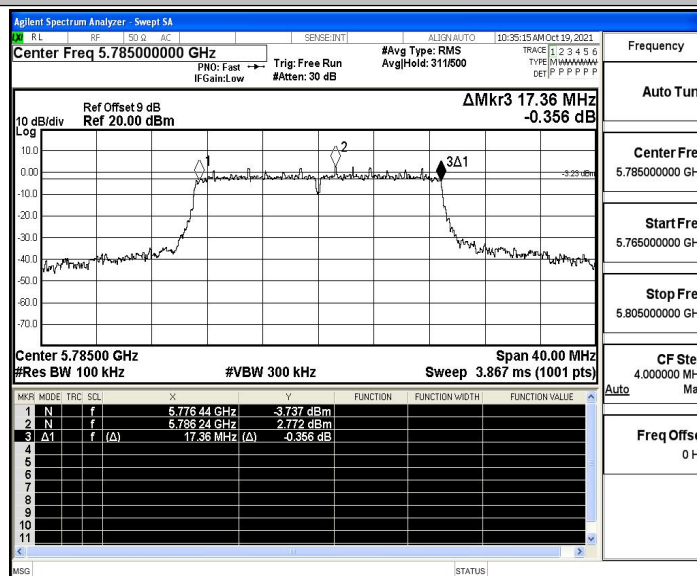
11A_Ant2_5825



11N20SISO_Ant2_5745

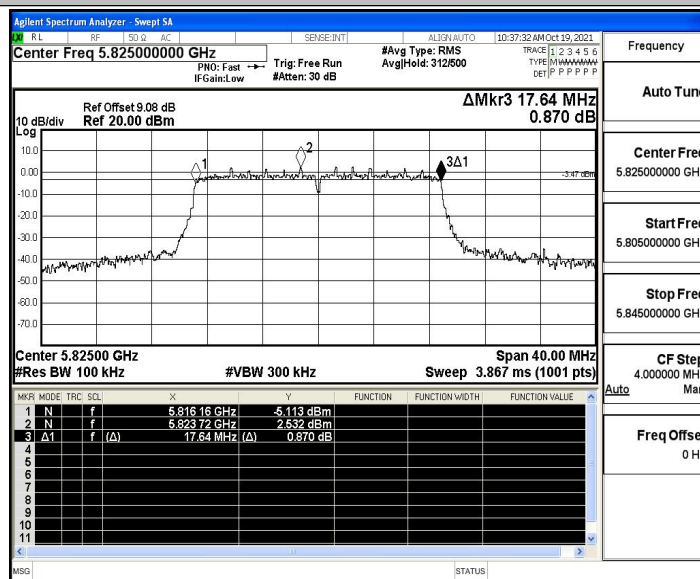


11N20SISO_Ant2_5785

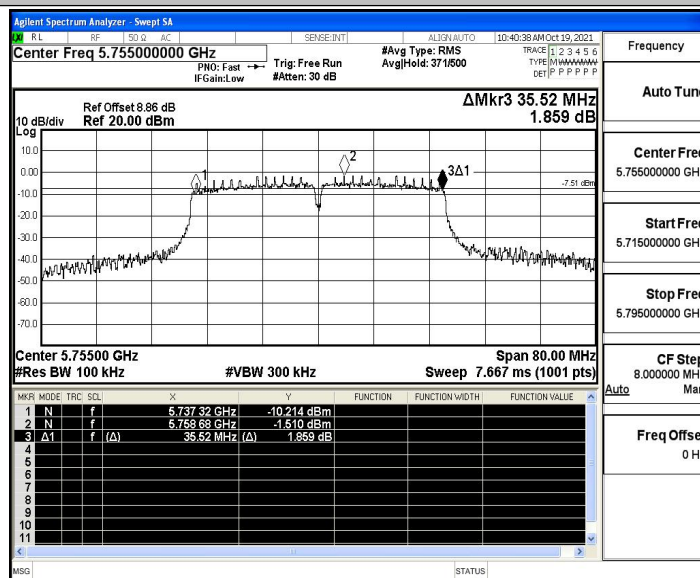




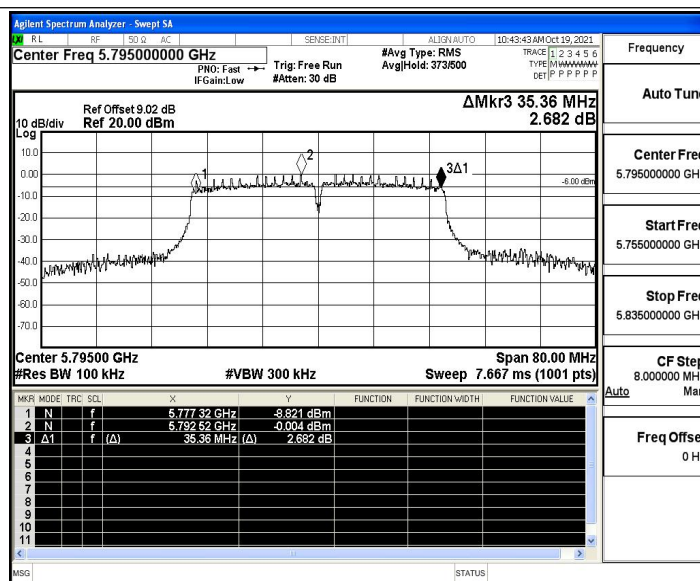
11N20SISO_Ant2_5825



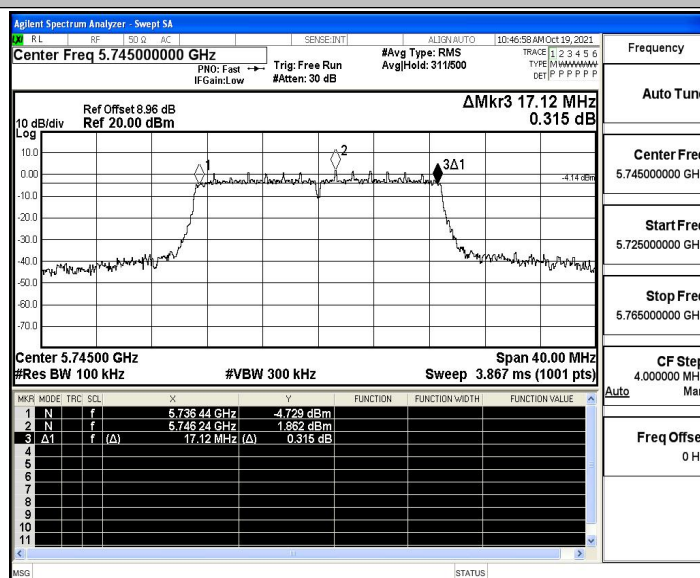
11N40SISO_Ant2_5755



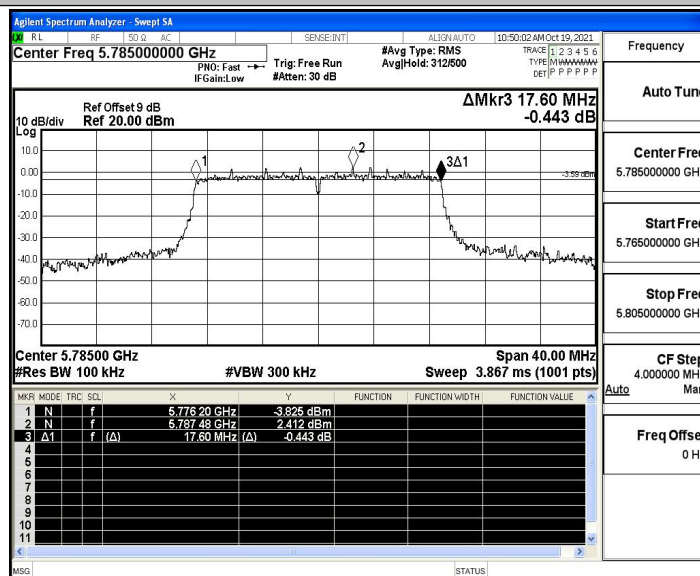
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745

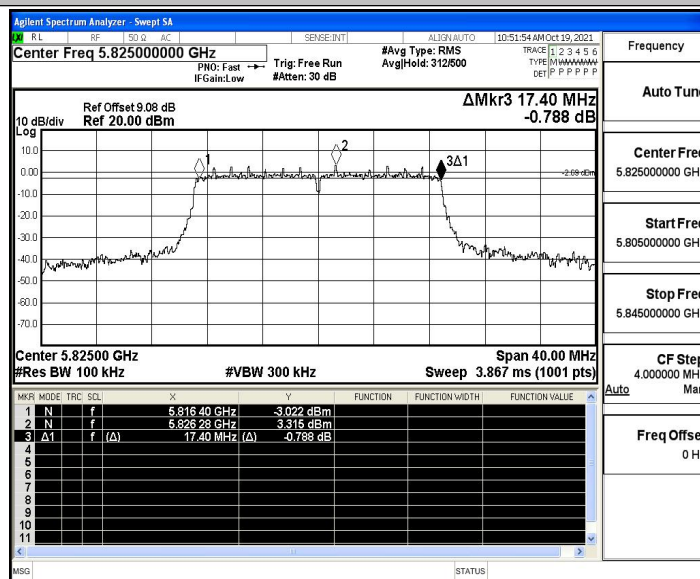


11AC20SISO_Ant2_5785

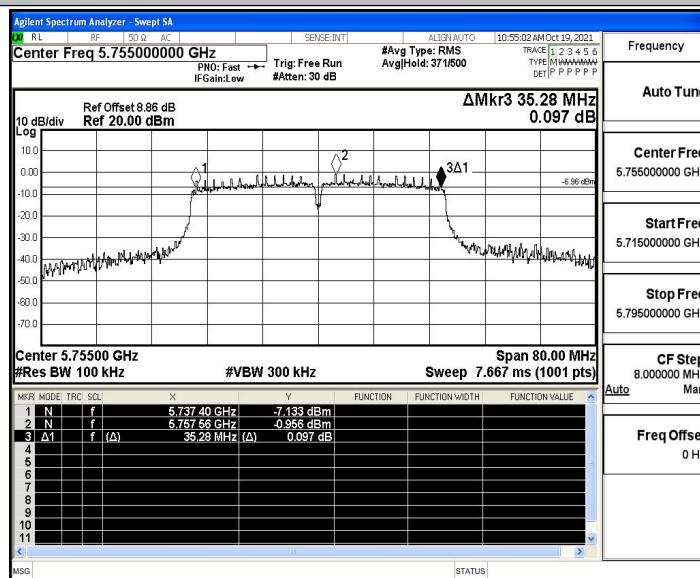




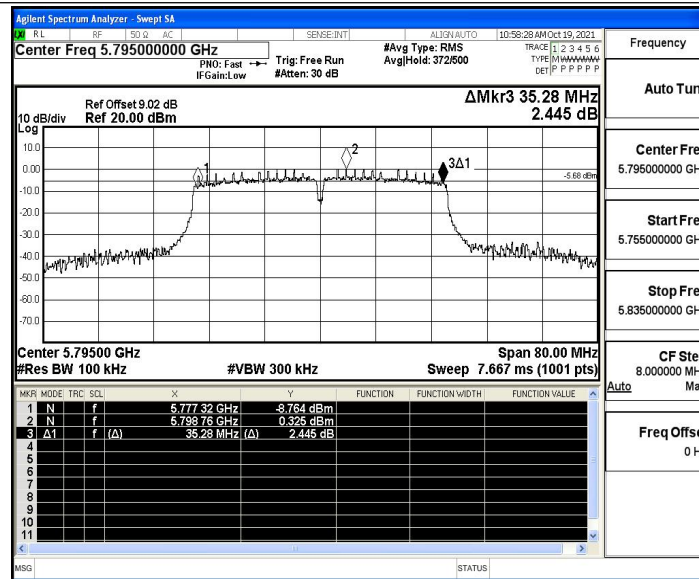
11AC20SISO_Ant2_5825



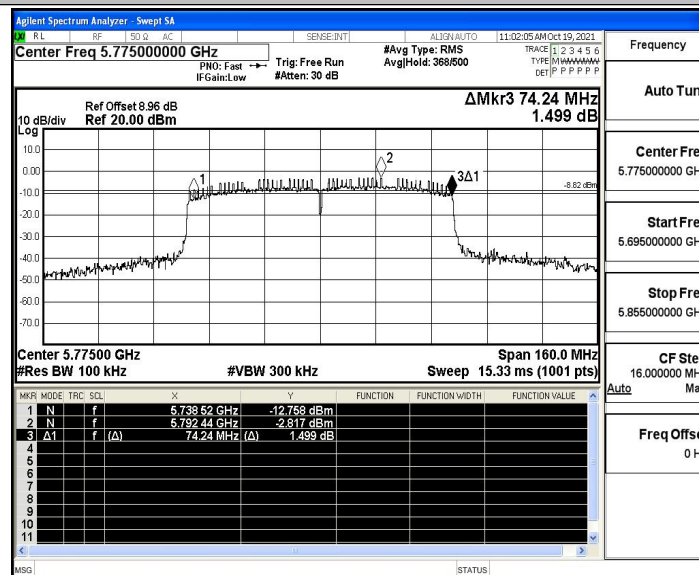
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775





ANT3

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5745	16.200	5737.000	5753.200	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant3	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.360	5776.440	5793.800	0.5	PASS
		5825	17.120	5816.440	5833.560	0.5	PASS
11N40SISO	Ant3	5755	35.360	5737.320	5772.680	0.5	PASS
		5795	35.360	5777.320	5812.680	0.5	PASS
11AC20SISO	Ant3	5745	17.400	5736.400	5753.800	0.5	PASS
		5785	17.400	5776.400	5793.800	0.5	PASS
		5825	17.160	5816.400	5833.560	0.5	PASS
11AC40SISO	Ant3	5755	35.280	5737.320	5772.600	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC80SISO	Ant3	5775	74.080	5738.520	5812.600	0.5	PASS

Test Graphs

