



Appendix B

RF Test Data for 5.2G 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



B.1 26dB Bandwidth

Test Result

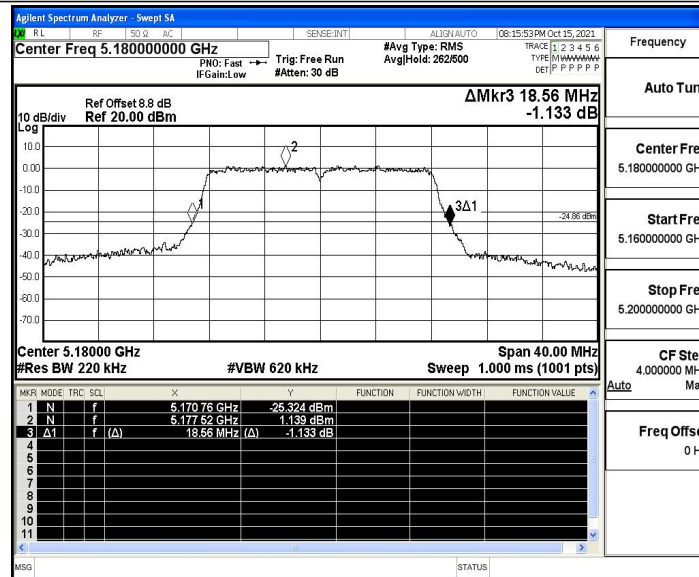
ANT1

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.560	5170.760	5189.320	---	PASS
		5200	18.520	5190.760	5209.280	---	PASS
		5240	18.560	5230.800	5249.360	---	PASS
11N20SISO	Ant1	5180	19.480	5170.320	5189.800	---	PASS
		5200	19.520	5190.240	5209.760	---	PASS
		5240	19.400	5230.320	5249.720	---	PASS
11N40SISO	Ant1	5190	41.040	5169.360	5210.400	---	PASS
		5230	40.960	5209.440	5250.400	---	PASS
11AC20SISO	Ant1	5180	19.400	5170.360	5189.760	---	PASS
		5200	19.480	5190.280	5209.760	---	PASS
		5240	19.360	5230.320	5249.680	---	PASS
11AC40SISO	Ant1	5190	41.360	5169.200	5210.560	---	PASS
		5230	40.960	5209.280	5250.240	---	PASS
11AC80SISO	Ant1	5210	81.120	5169.840	5250.960	---	PASS

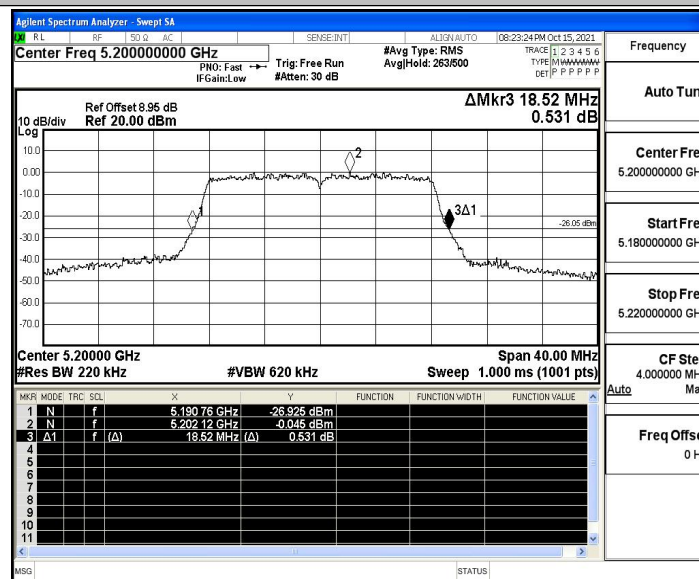


Test Graphs

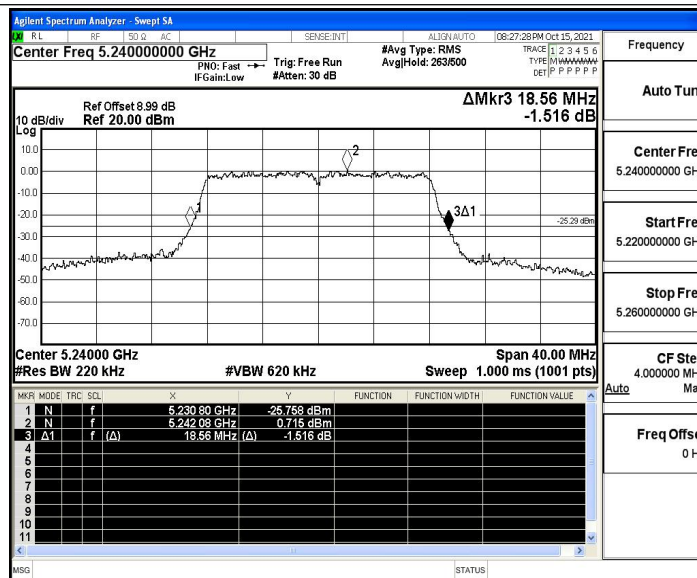
11A_Ant1_5180



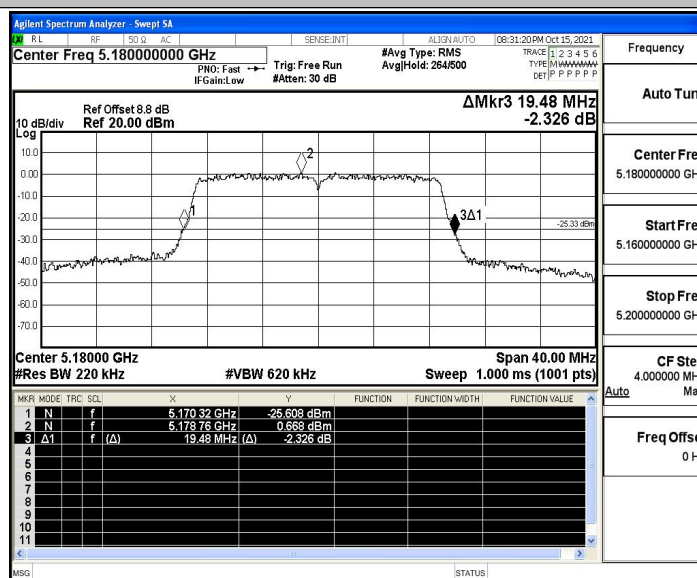
11A_Ant1_5200



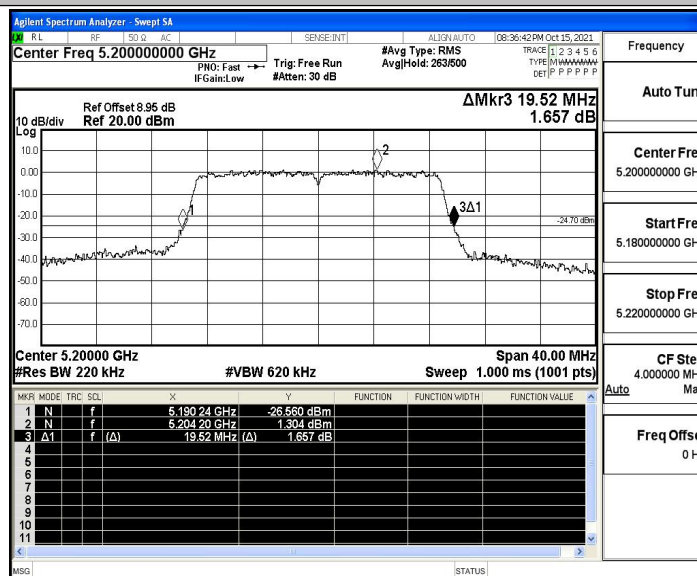
11A_Ant1_5240



11N20SISO_Ant1_5180

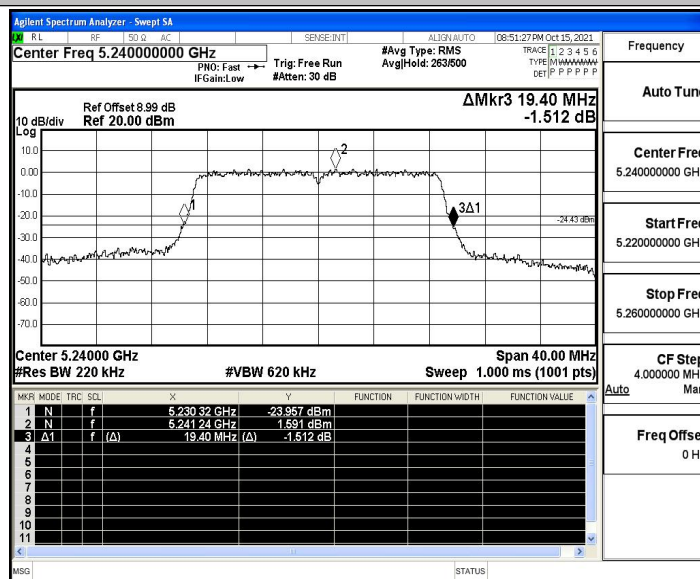


11N20SISO_Ant1_5200

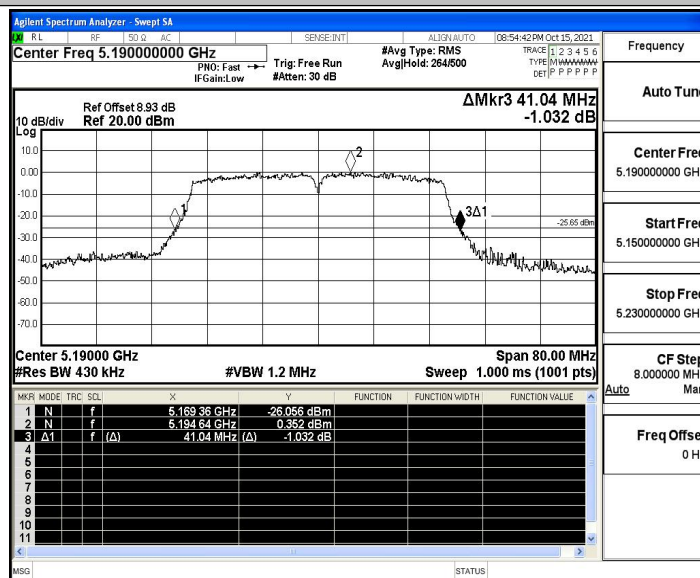




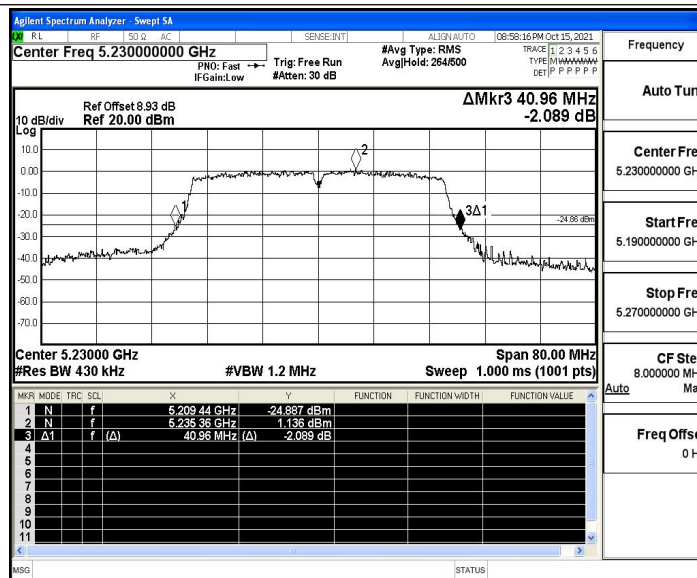
11N20SISO_Ant1_5240



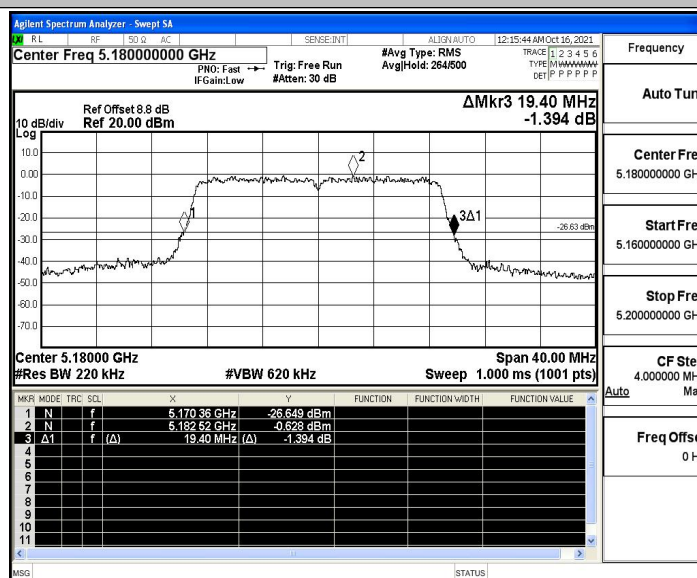
11N40SISO_Ant1_5190



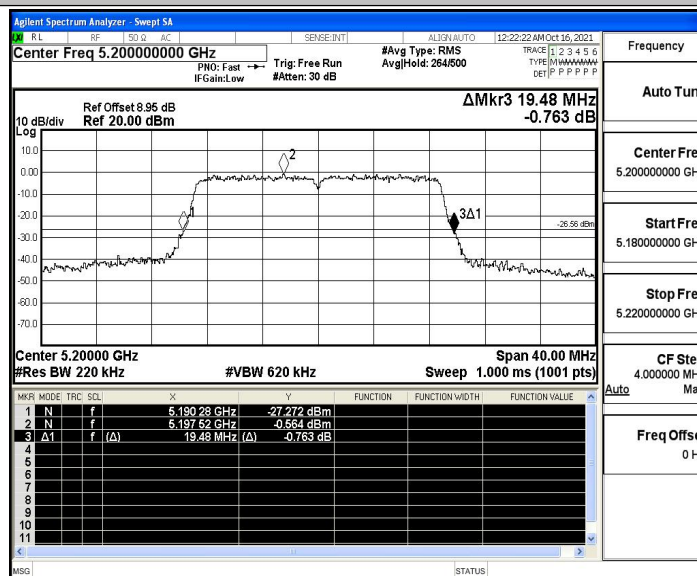
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

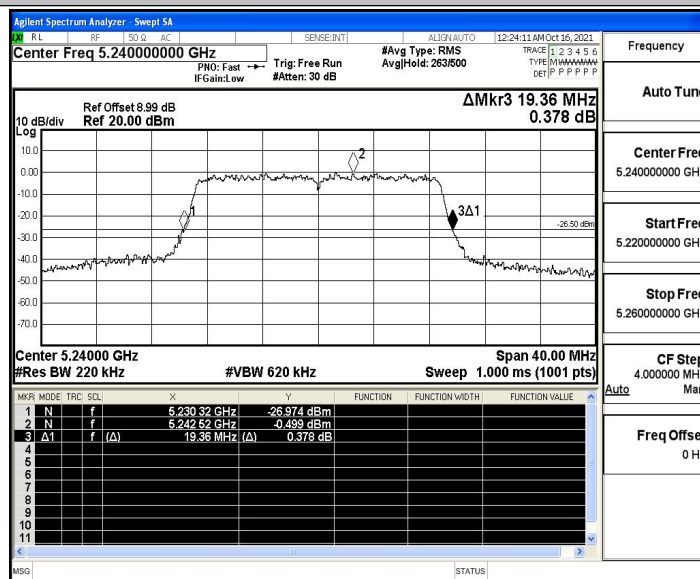


11AC20SISO_Ant1_5200

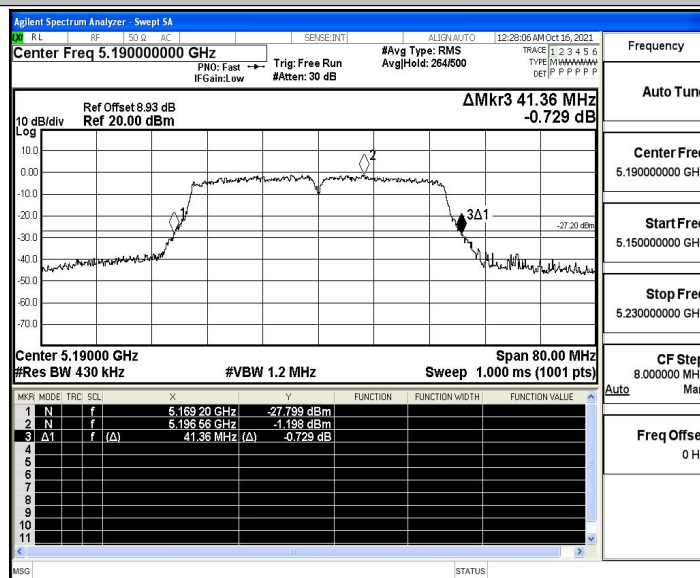




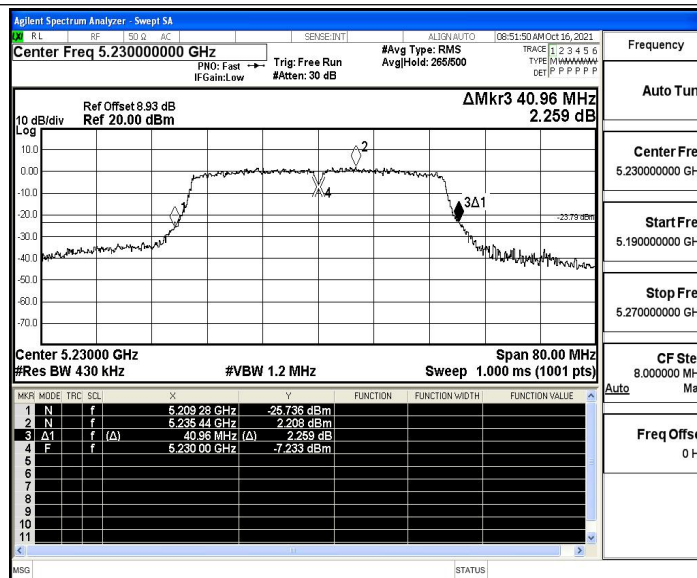
11AC20SISO_Ant1_5240



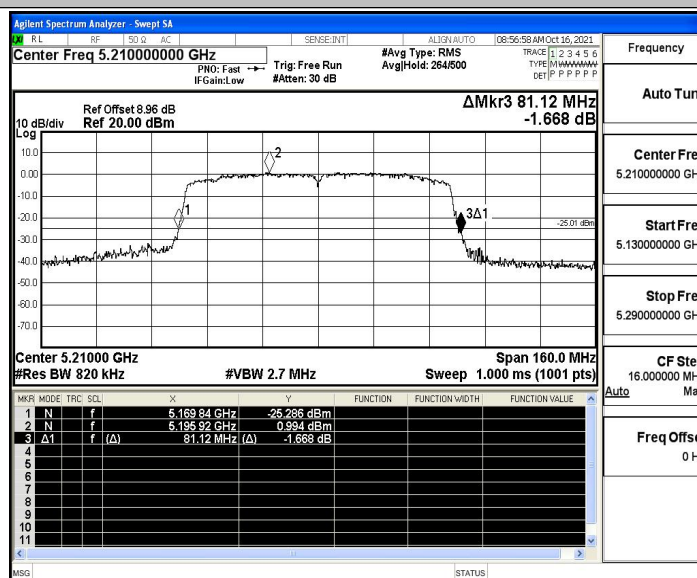
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





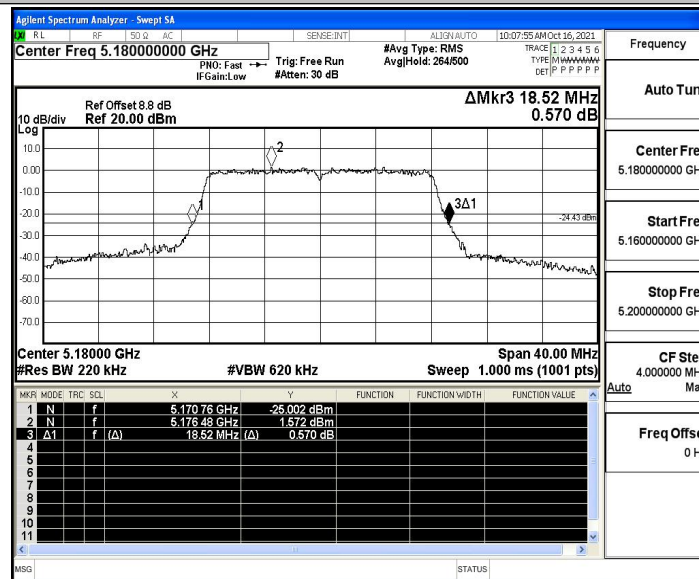
ANT2

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	18.520	5170.760	5189.280	---	PASS
		5200	18.560	5190.760	5209.320	---	PASS
		5240	18.480	5230.760	5249.240	---	PASS
11N20SISO	Ant2	5180	19.480	5170.280	5189.760	---	PASS
		5200	19.440	5190.280	5209.720	---	PASS
		5240	19.440	5230.280	5249.720	---	PASS
11N40SISO	Ant2	5190	40.720	5169.440	5210.160	---	PASS
		5230	40.720	5209.520	5250.240	---	PASS
11AC20SISO	Ant2	5180	19.480	5170.200	5189.680	---	PASS
		5200	19.360	5190.320	5209.680	---	PASS
		5240	19.400	5230.280	5249.680	---	PASS
11AC40SISO	Ant2	5190	41.200	5169.200	5210.400	---	PASS
		5230	41.040	5209.280	5250.320	---	PASS
11AC80SISO	Ant2	5210	80.960	5169.680	5250.640	---	PASS

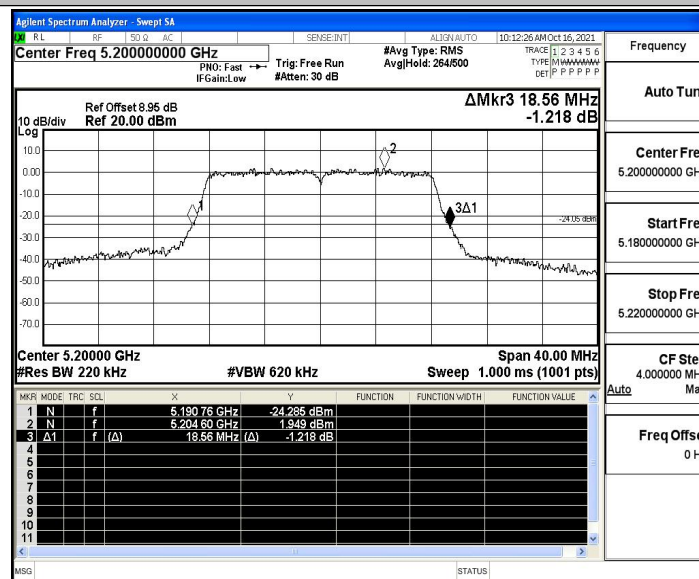


Test Graphs

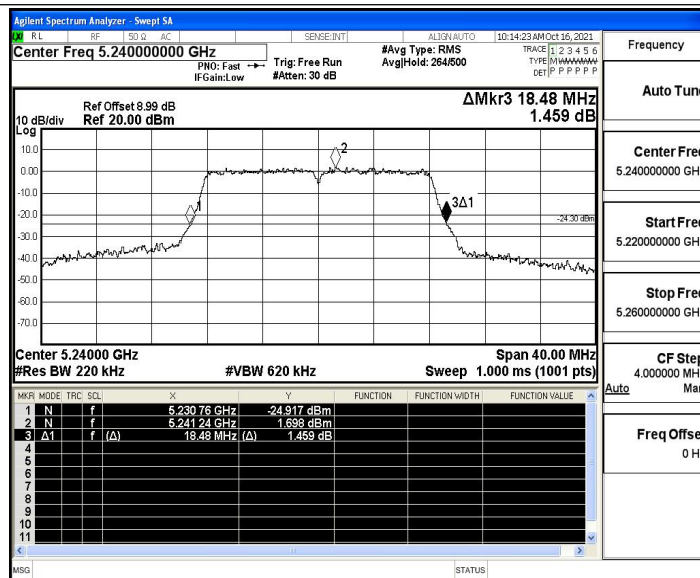
11A_Ant2_5180



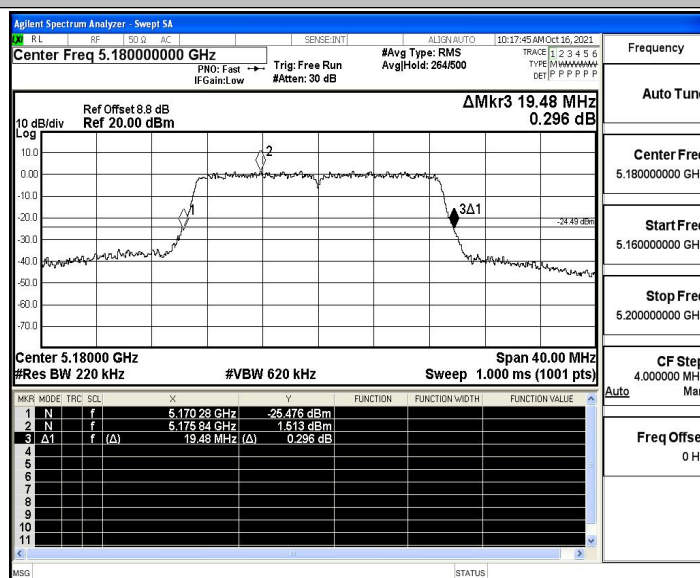
11A_Ant2_5200



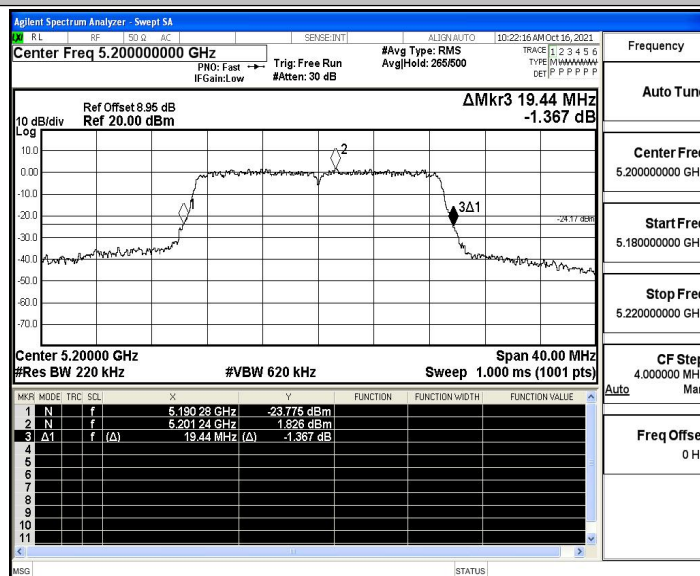
11A_Ant2_5240



11N20SISO_Ant2_5180

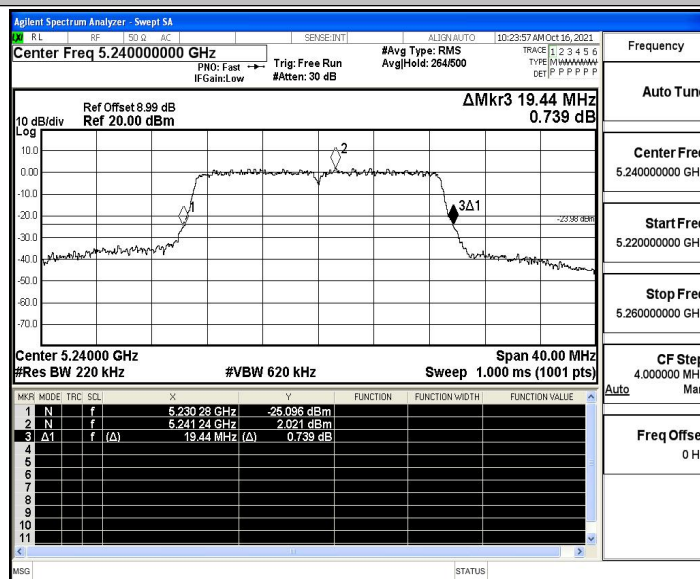


11N20SISO_Ant2_5200

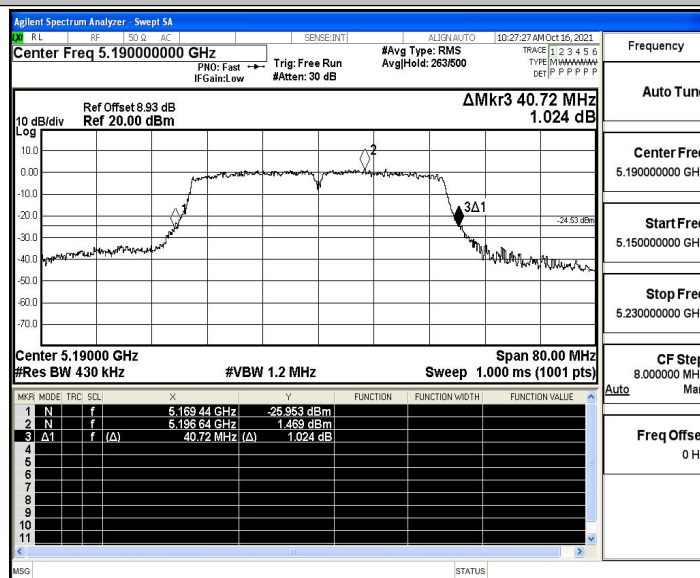




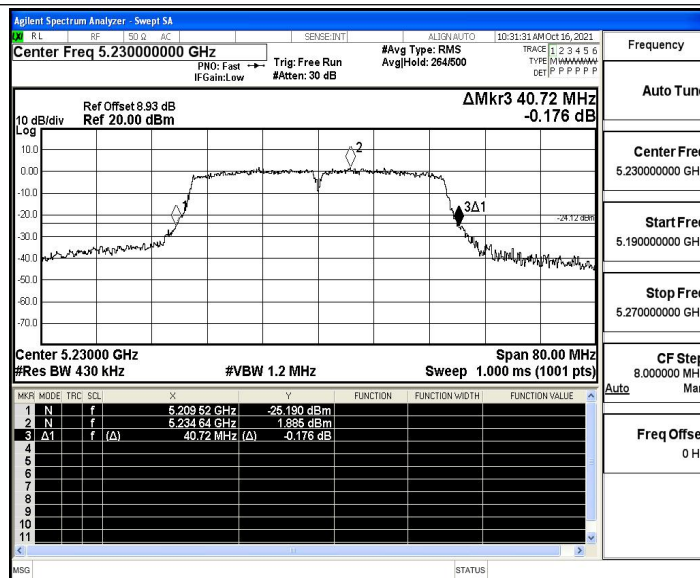
11N20SISO_Ant2_5240



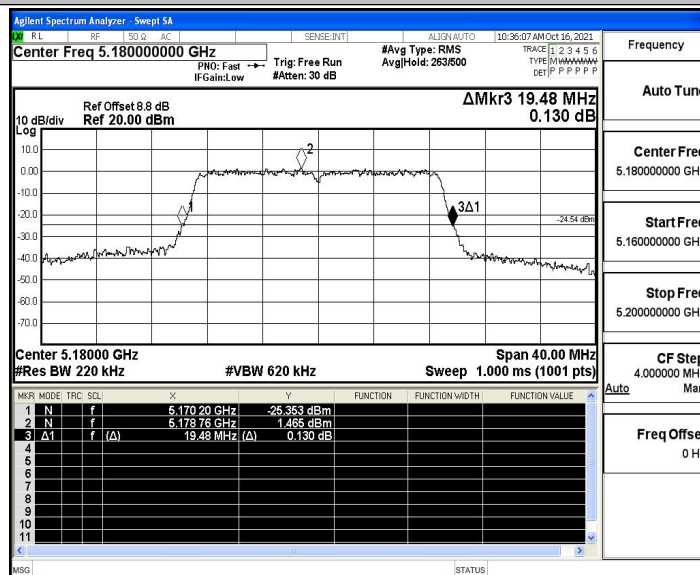
11N40SISO_Ant2_5190



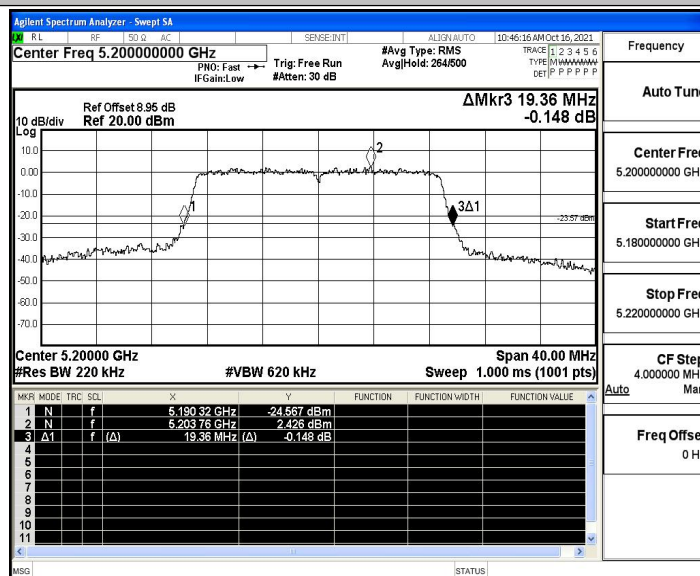
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180

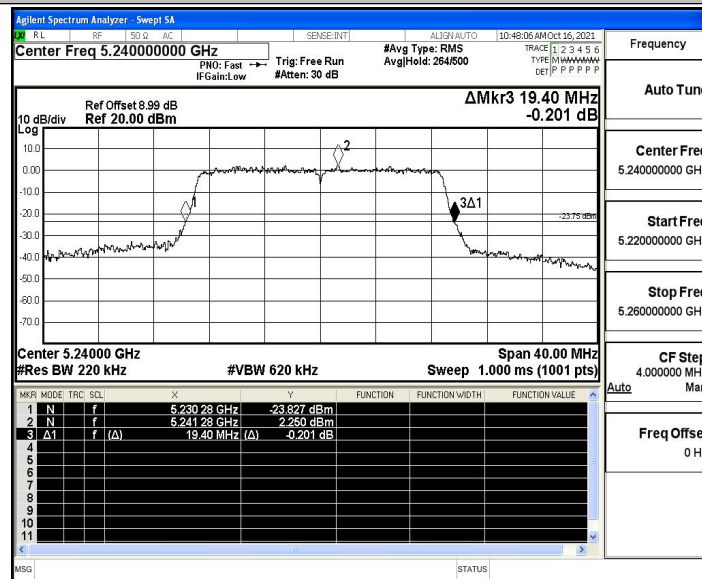


11AC20SISO_Ant2_5200

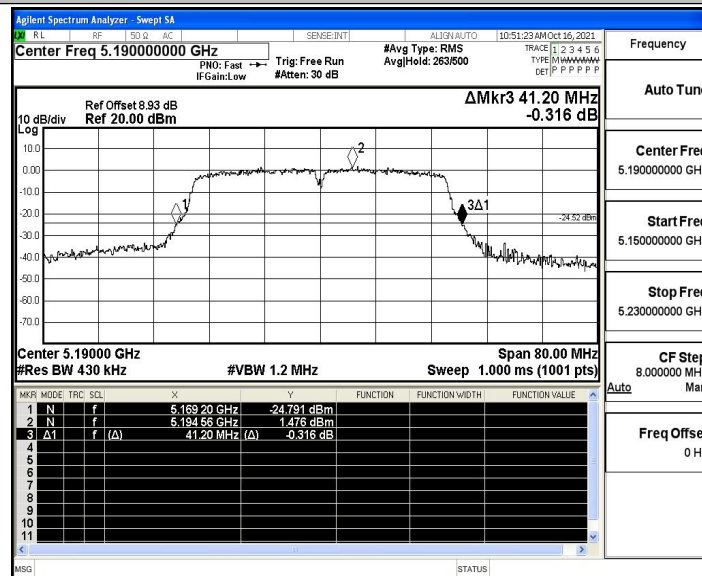




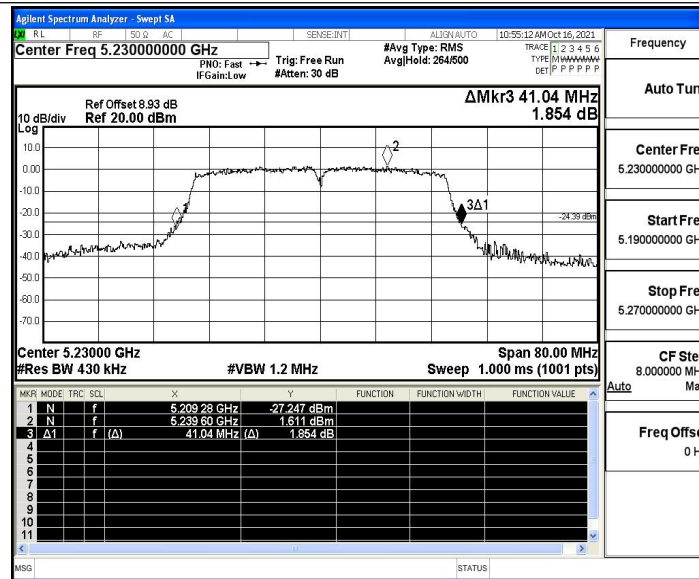
11AC20SISO_Ant2_5240



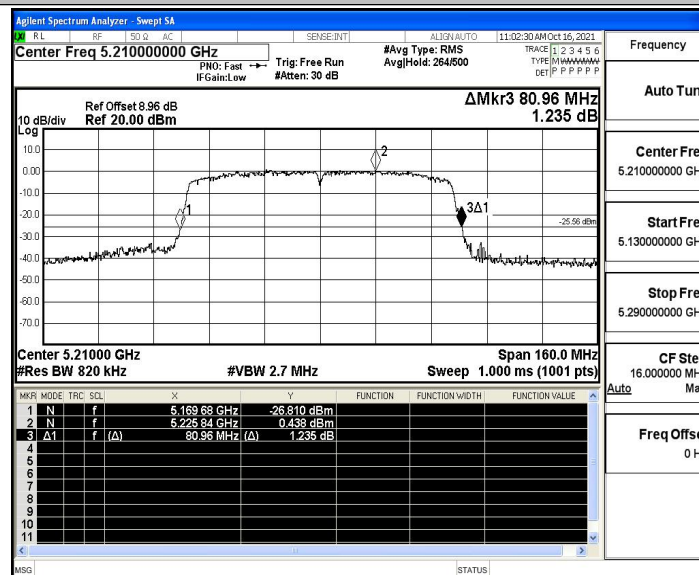
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210





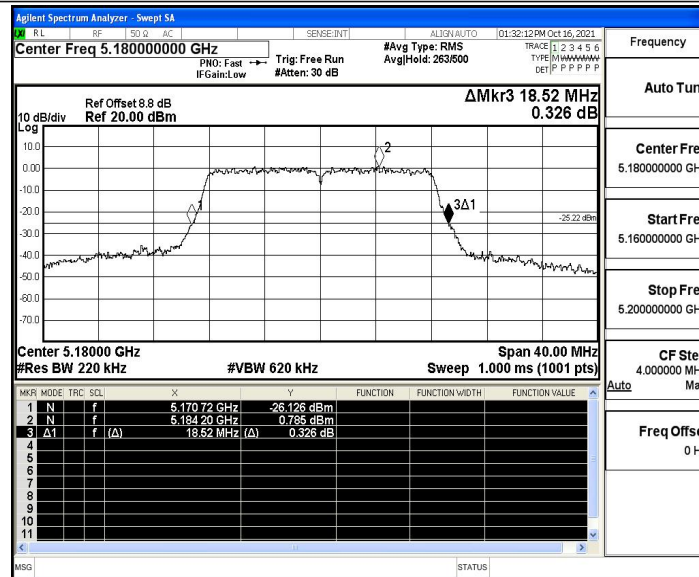
ANT3

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	18.520	5170.720	5189.240	---	PASS
		5200	18.600	5190.760	5209.360	---	PASS
		5240	18.520	5230.800	5249.320	---	PASS
11N20SISO	Ant3	5180	19.280	5170.400	5189.680	---	PASS
		5200	19.480	5190.240	5209.720	---	PASS
		5240	19.480	5230.240	5249.720	---	PASS
11N40SISO	Ant3	5190	40.960	5169.600	5210.560	---	PASS
		5230	41.120	5209.360	5250.480	---	PASS
11AC20SISO	Ant3	5180	19.360	5170.400	5189.760	---	PASS
		5200	19.440	5190.320	5209.760	---	PASS
		5240	19.360	5230.320	5249.680	---	PASS
11AC40SISO	Ant3	5190	40.400	5169.760	5210.160	---	PASS
		5230	40.480	5209.760	5250.240	---	PASS
11AC80SISO	Ant3	5210	80.480	5170.000	5250.480	---	PASS

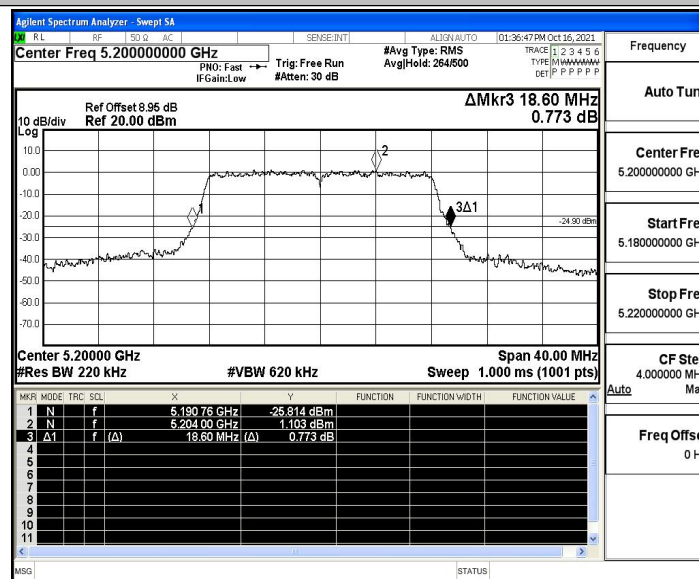


Test Graphs

11A_Ant3_5180



11A_Ant3_5200



11A_Ant3_5240