

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.880	5170.160	5190.040	---	PASS
	Ant2	5180	19.800	5170.080	5189.880	---	PASS
	Ant1	5200	20.320	5189.840	5210.160	---	PASS
	Ant2	5200	19.960	5189.920	5209.880	---	PASS
	Ant1	5240	20.000	5229.920	5249.920	---	PASS
	Ant2	5240	19.760	5230.080	5249.840	---	PASS
	Ant1	5745	19.920	5735.040	5754.960	---	PASS
	Ant2	5745	19.920	5735.040	5754.960	---	PASS
	Ant1	5785	20.080	5774.880	5794.960	---	PASS
	Ant2	5785	20.160	5774.880	5795.040	---	PASS
	Ant1	5825	19.880	5815.120	5835.000	---	PASS
	Ant2	5825	19.960	5815.080	5835.040	---	PASS
11N20SISO	Ant1	5180	20.320	5169.800	5190.120	---	PASS
	Ant2	5180	20.480	5169.880	5190.360	---	PASS
	Ant1	5200	20.360	5189.720	5210.080	---	PASS
	Ant2	5200	20.320	5189.760	5210.080	---	PASS
	Ant1	5240	20.320	5229.880	5250.200	---	PASS
	Ant2	5240	20.520	5229.680	5250.200	---	PASS
	Ant1	5745	20.240	5734.840	5755.080	---	PASS
	Ant2	5745	20.520	5734.800	5755.320	---	PASS
	Ant1	5785	20.400	5774.760	5795.160	---	PASS
	Ant2	5785	20.360	5774.840	5795.200	---	PASS
	Ant1	5825	20.280	5814.880	5835.160	---	PASS
	Ant2	5825	20.400	5814.760	5835.160	---	PASS
11N40SISO	Ant1	5190	40.000	5170.080	5210.080	---	PASS
	Ant2	5190	39.840	5170.000	5209.840	---	PASS
	Ant1	5230	40.080	5210.000	5250.080	---	PASS
	Ant2	5230	39.840	5210.240	5250.080	---	PASS
	Ant1	5755	40.640	5734.680	5775.320	---	PASS
	Ant2	5755	40.000	5735.000	5775.000	---	PASS
	Ant1	5795	40.080	5775.080	5815.160	---	PASS
	Ant2	5795	40.320	5774.840	5815.160	---	PASS
11AC20SISO	Ant1	5180	20.240	5169.920	5190.160	---	PASS
	Ant2	5180	20.360	5169.880	5190.240	---	PASS
	Ant1	5200	20.240	5189.840	5210.080	---	PASS
	Ant2	5200	20.280	5189.800	5210.080	---	PASS
	Ant1	5240	20.240	5229.760	5250.000	---	PASS
	Ant2	5240	20.280	5229.840	5250.120	---	PASS

	Ant1	5745	20.440	5734.800	5755.240	---	PASS
	Ant2	5745	20.120	5734.920	5755.040	---	PASS
	Ant1	5785	20.320	5774.800	5795.120	---	PASS
	Ant2	5785	20.320	5774.880	5795.200	---	PASS
	Ant1	5825	20.200	5814.960	5835.160	---	PASS
	Ant2	5825	20.160	5814.840	5835.000	---	PASS
11AC40SISO	Ant1	5190	39.920	5170.000	5209.920	---	PASS
	Ant2	5190	39.360	5170.320	5209.680	---	PASS
	Ant1	5230	39.920	5210.080	5250.000	---	PASS
	Ant2	5230	39.600	5210.480	5250.080	---	PASS
	Ant1	5755	40.160	5734.920	5775.080	---	PASS
	Ant2	5755	39.600	5735.240	5774.840	---	PASS
	Ant1	5795	40.160	5775.000	5815.160	---	PASS
	Ant2	5795	40.000	5774.840	5814.840	---	PASS
11AC80SISO	Ant1	5210	79.840	5170.320	5250.160	---	PASS
	Ant2	5210	79.200	5170.640	5249.840	---	PASS
	Ant1	5775	79.680	5735.320	5815.000	---	PASS
	Ant2	5775	79.360	5735.480	5814.840	---	PASS
11AX20SISO	Ant1	5180	25.680	5167.760	5193.440	---	PASS
	Ant2	5180	23.120	5168.000	5191.120	---	PASS
	Ant1	5200	26.920	5184.520	5211.440	---	PASS
	Ant2	5200	22.760	5187.960	5210.720	---	PASS
	Ant1	5240	19.920	5230.040	5249.960	---	PASS
	Ant2	5240	19.920	5230.040	5249.960	---	PASS
	Ant1	5745	22.120	5733.640	5755.760	---	PASS
	Ant2	5745	22.800	5733.440	5756.240	---	PASS
	Ant1	5785	23.240	5774.200	5797.440	---	PASS
	Ant2	5785	21.880	5773.880	5795.760	---	PASS
	Ant1	5825	22.560	5813.800	5836.360	---	PASS
	Ant2	5825	22.840	5812.960	5835.800	---	PASS
11AX40SISO	Ant1	5190	39.360	5170.320	5209.680	---	PASS
	Ant2	5190	39.680	5160.240	5199.920	---	PASS
	Ant1	5230	39.520	5210.240	5249.760	---	PASS
	Ant2	5230	39.520	5210.240	5249.760	---	PASS
	Ant1	5755	39.440	5735.320	5774.760	---	PASS
	Ant2	5755	39.520	5735.320	5774.840	---	PASS
	Ant1	5795	39.680	5775.240	5814.920	---	PASS
	Ant2	5795	39.520	5775.320	5814.840	---	PASS
11AX80SISO	Ant1	5210	80.160	5170.000	5250.160	---	PASS
	Ant2	5210	80.160	5170.000	5250.160	---	PASS
	Ant1	5775	80.320	5735.000	5815.320	---	PASS
	Ant2	5775	80.160	5735.000	5815.160	---	PASS
11N20MIMO	Ant1	5180	20.280	5169.920	5190.200	---	PASS

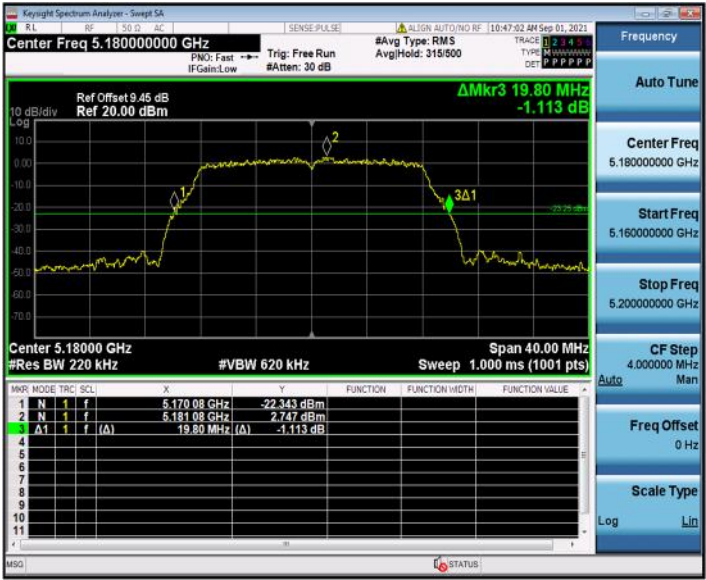
	Ant2	5180	20.240	5169.880	5190.120	---	PASS
	Ant1	5200	20.280	5189.840	5210.120	---	PASS
	Ant2	5200	20.280	5189.800	5210.080	---	PASS
	Ant1	5240	20.480	5229.800	5250.280	---	PASS
	Ant2	5240	20.240	5230.000	5250.240	---	PASS
	Ant1	5745	20.360	5734.840	5755.200	---	PASS
	Ant2	5745	20.400	5734.720	5755.120	---	PASS
	Ant1	5785	20.600	5774.760	5795.360	---	PASS
	Ant2	5785	20.240	5775.000	5795.240	---	PASS
	Ant1	5825	20.320	5814.840	5835.160	---	PASS
	Ant2	5825	20.080	5814.960	5835.040	---	PASS
11N40MIMO	Ant1	5190	39.920	5170.080	5210.000	---	PASS
	Ant2	5190	38.960	5170.400	5209.360	---	PASS
	Ant1	5230	39.840	5210.080	5249.920	---	PASS
	Ant2	5230	39.920	5210.640	5250.560	---	PASS
	Ant1	5755	40.480	5734.840	5775.320	---	PASS
	Ant2	5755	40.480	5734.840	5775.320	---	PASS
	Ant1	5795	40.320	5774.840	5815.160	---	PASS
	Ant2	5795	39.760	5775.480	5815.240	---	PASS
11AC20MIMO	Ant1	5180	20.320	5169.840	5190.160	---	PASS
	Ant2	5180	20.200	5169.800	5190.000	---	PASS
	Ant1	5200	20.480	5189.760	5210.240	---	PASS
	Ant2	5200	19.840	5190.040	5209.880	---	PASS
	Ant1	5240	20.120	5229.960	5250.080	---	PASS
	Ant2	5240	20.240	5229.960	5250.200	---	PASS
	Ant1	5745	20.400	5734.760	5755.160	---	PASS
	Ant2	5745	20.280	5734.880	5755.160	---	PASS
	Ant1	5785	20.200	5774.880	5795.080	---	PASS
	Ant2	5785	20.200	5775.040	5795.240	---	PASS
	Ant1	5825	20.000	5825.000	5845.000	---	PASS
	Ant2	5825	20.000	5814.960	5834.960	---	PASS
11AC40MIMO	Ant1	5190	40.000	5170.000	5210.000	---	PASS
	Ant2	5190	39.440	5169.920	5209.360	---	PASS
	Ant1	5230	40.160	5209.920	5250.080	---	PASS
	Ant2	5230	40.160	5210.240	5250.400	---	PASS
	Ant1	5755	40.320	5734.840	5775.160	---	PASS
	Ant2	5755	39.840	5735.240	5775.080	---	PASS
	Ant1	5795	40.960	5774.360	5815.320	---	PASS
	Ant2	5795	39.360	5775.720	5815.080	---	PASS
11AC80MIMO	Ant1	5210	80.160	5170.000	5250.160	---	PASS
	Ant2	5210	79.520	5170.320	5249.840	---	PASS
	Ant1	5775	79.360	5735.480	5814.840	---	PASS
	Ant2	5775	79.200	5735.640	5814.840	---	PASS

11AX20MIMO	Ant1	5180	23.280	5167.640	5190.920	---	PASS
	Ant2	5180	22.760	5168.480	5191.240	---	PASS
	Ant1	5200	23.760	5189.000	5212.760	---	PASS
	Ant2	5200	22.160	5188.720	5210.880	---	PASS
	Ant1	5240	19.880	5220.000	5260.000	---	PASS
	Ant2	5240	19.920	5220.000	5260.000	---	PASS
	Ant1	5745	27.640	5733.040	5760.680	---	PASS
	Ant2	5745	23.400	5732.440	5755.840	---	PASS
	Ant1	5785	23.600	5773.320	5796.920	---	PASS
	Ant2	5785	29.680	5773.600	5803.280	---	PASS
	Ant1	5825	26.560	5810.320	5836.880	---	PASS
	Ant2	5825	23.960	5811.840	5835.800	---	PASS
11AX40MIMO	Ant1	5190	39.600	5170.240	5209.840	---	PASS
	Ant2	5190	39.520	5170.160	5209.680	---	PASS
	Ant1	5230	39.440	5210.320	5249.760	---	PASS
	Ant2	5230	39.440	5210.400	5249.840	---	PASS
	Ant1	5755	39.600	5735.240	5774.840	---	PASS
	Ant2	5755	39.760	5735.160	5774.920	---	PASS
	Ant1	5795	39.600	5775.160	5814.760	---	PASS
	Ant2	5795	39.440	5775.400	5814.840	---	PASS
11AX80MIMO	Ant1	5210	80.160	5170.000	5250.160	---	PASS
	Ant2	5210	80.160	5170.000	5250.160	---	PASS
	Ant1	5775	80.000	5735.000	5815.000	---	PASS
	Ant2	5775	80.000	5735.160	5815.160	---	PASS

Test Graphs



11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200



11A_Ant2_5200



11A_Ant1_5240



11A_Ant2_5240



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5190



11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5755



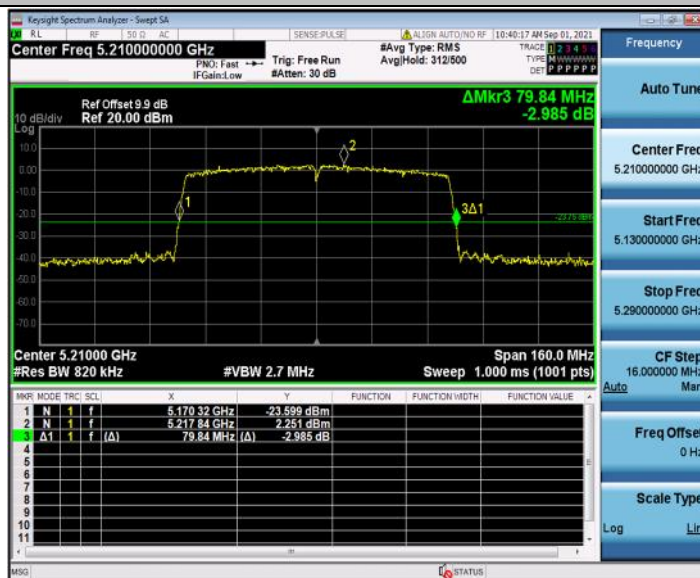
11AC40SISO_Ant2_5755



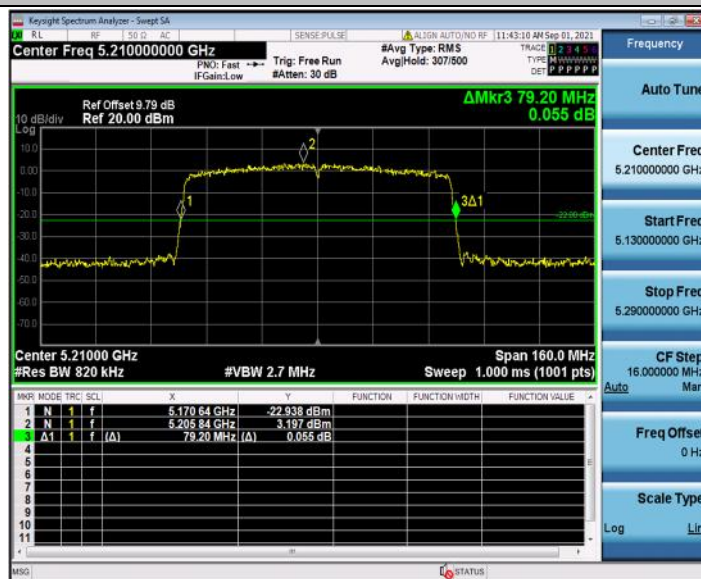
11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant2_5180



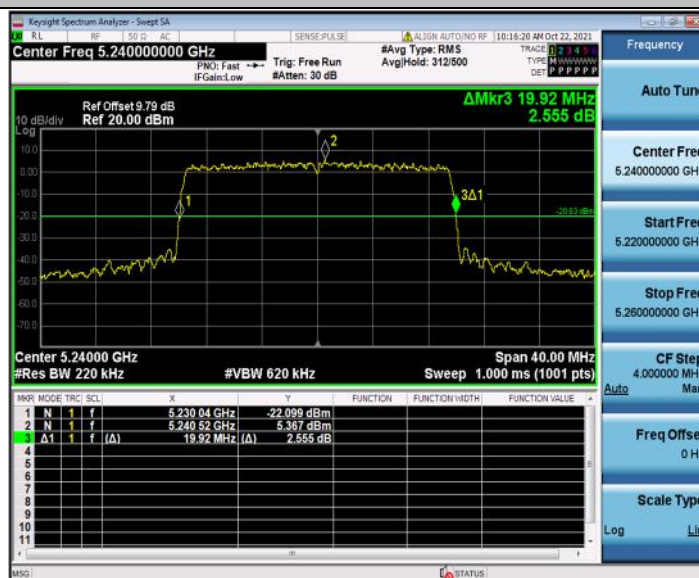
11AX20SISO_Ant1_5200



11AX20SISO_Ant2_5200



11AX20SISO_Ant1_5240



11AX20SISO_Ant2_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant2_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant2_5785



11AX20SISO_Ant1_5825



11AX20SISO_Ant2_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant2_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant2_5230



[illegible]

Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.795000000 GHz

Ref OffSet 10.09 dB
Ref 20.00 dBm

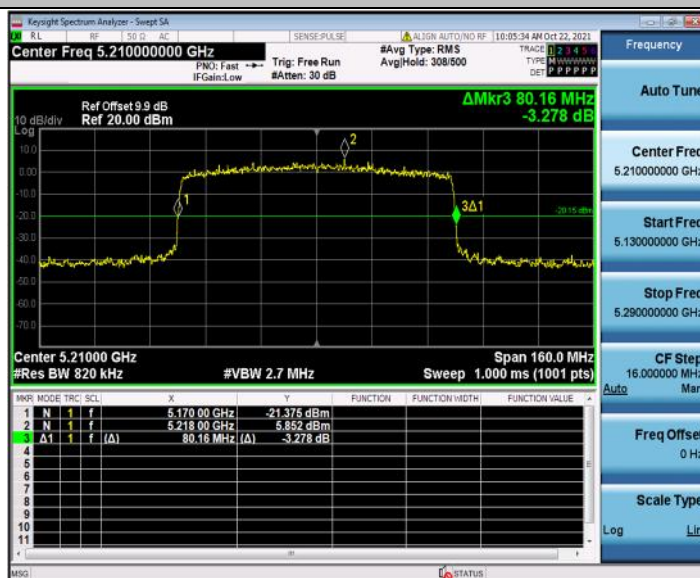
ΔMkr3 39.68 MHz
-1.570 dB

Center 5.79500 GHz
#Res BW 430 kHz
#VBW 1.2 MHz
Sweep 1.000 ms (1001 pts)

NR	MODE	TRC	SL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.775 24 GHz	-24.844 dBm			
2	N	1	f	5.795 80 GHz	3.720 dBm			
3	Δ1	1	f (Δ)	39.68 MHz (Δ)	-1.570 dB			



11AX40SISO_Ant2_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant2_5210



11AX80SISO_Ant1_5775



11AX80SISO_Ant2_5775



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230