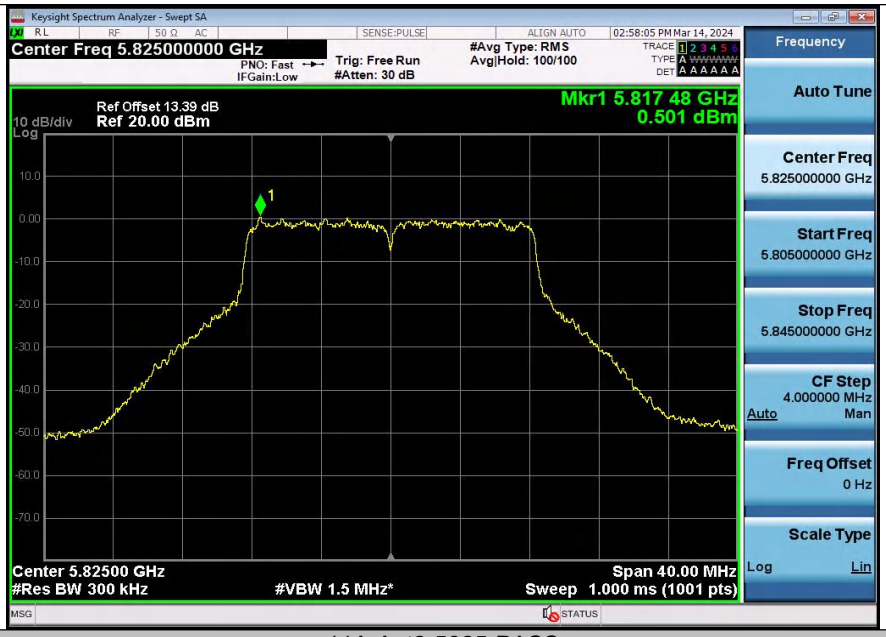
11A-Ant2-5240-PASS

11A-Ant2-5745-PASS

11A-Ant2-5785-PASS



11A-Ant2-5825-PASS

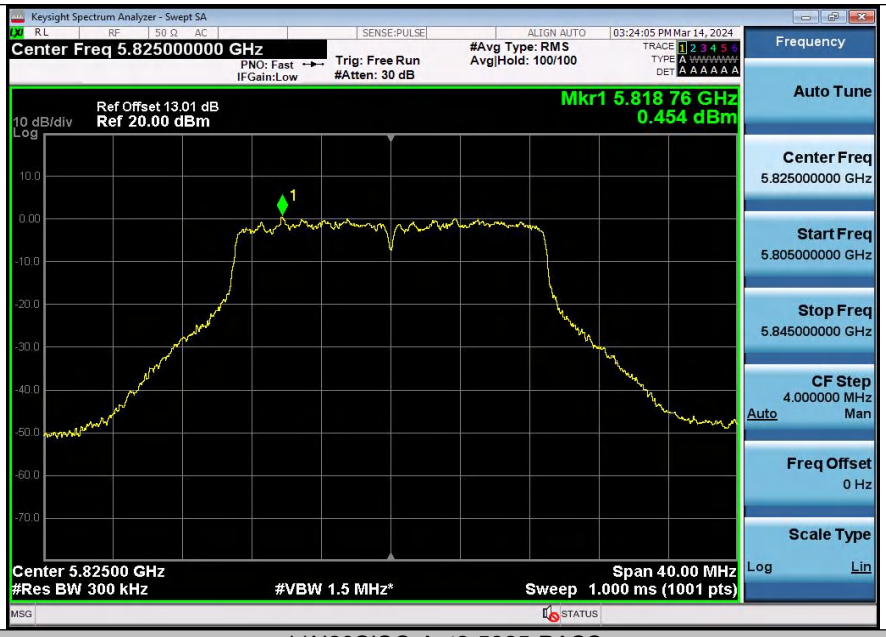
11N20SISO-Ant2-5180-PASS

11N20SISO-Ant2-5200-PASS

11N20SISO-Ant2-5240-PASS

11N20SISO-Ant2-5745-PASS

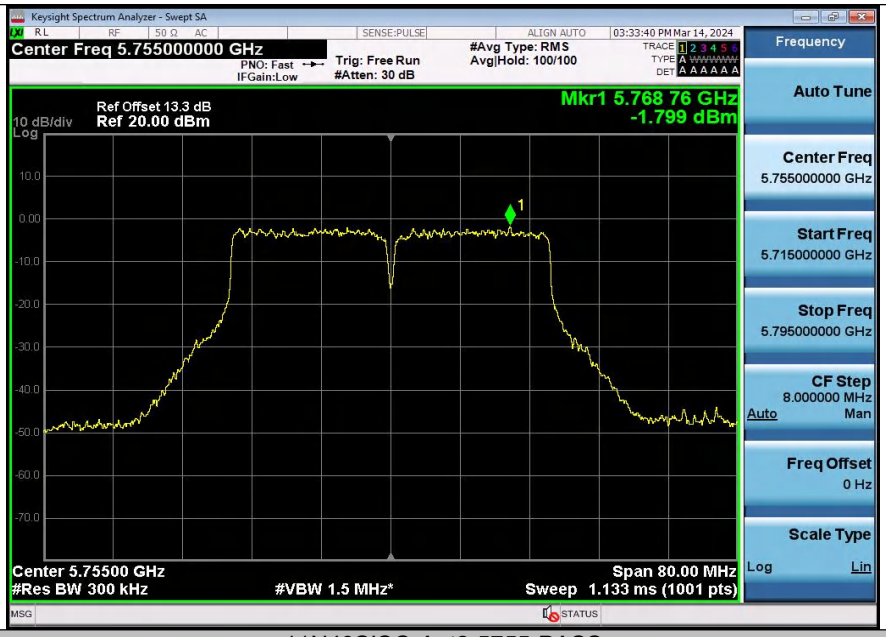
11N20SISO-Ant2-5785-PASS



11N20SISO-Ant2-5825-PASS

11N40SISO-Ant2-5190-PASS

11N40SISO-Ant2-5230-PASS



11N40SISO-Ant2-5755-PASS

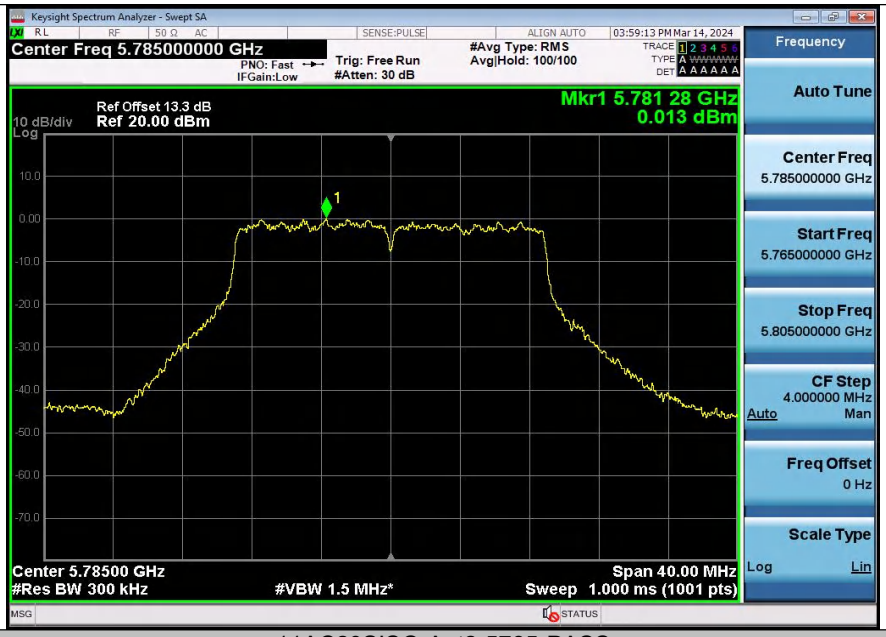
11N40SISO-Ant2-5795-PASS

11AC20SISO-Ant2-5180-PASS

11AC20SISO-Ant2-5200-PASS

11AC20SISO-Ant2-5240-PASS

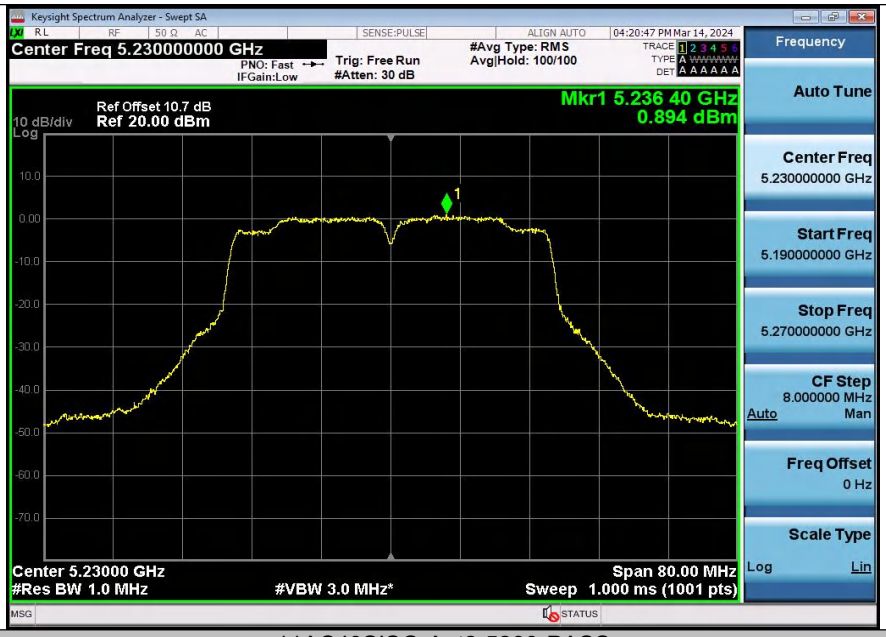
11AC20SISO-Ant2-5745-PASS



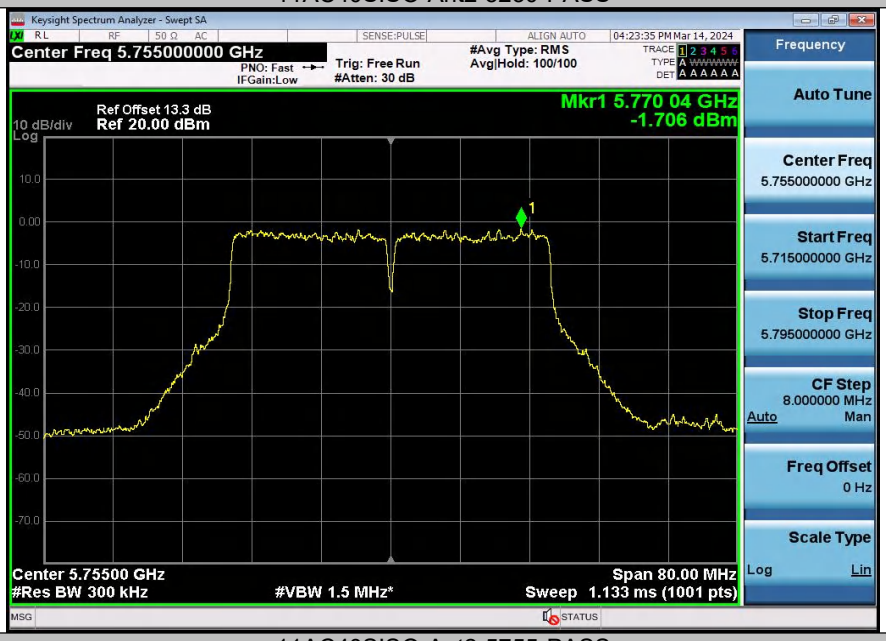
11AC20SISO-Ant2-5785-PASS

11AC20SISO-Ant2-5825-PASS

11AC40SISO-Ant2-5190-PASS

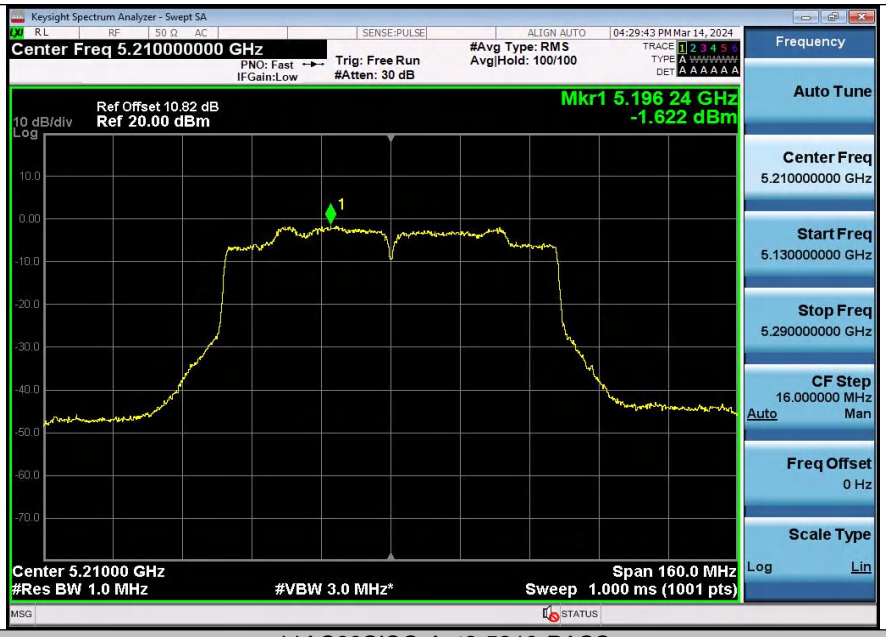


11AC40SISO-Ant2-5230-PASS

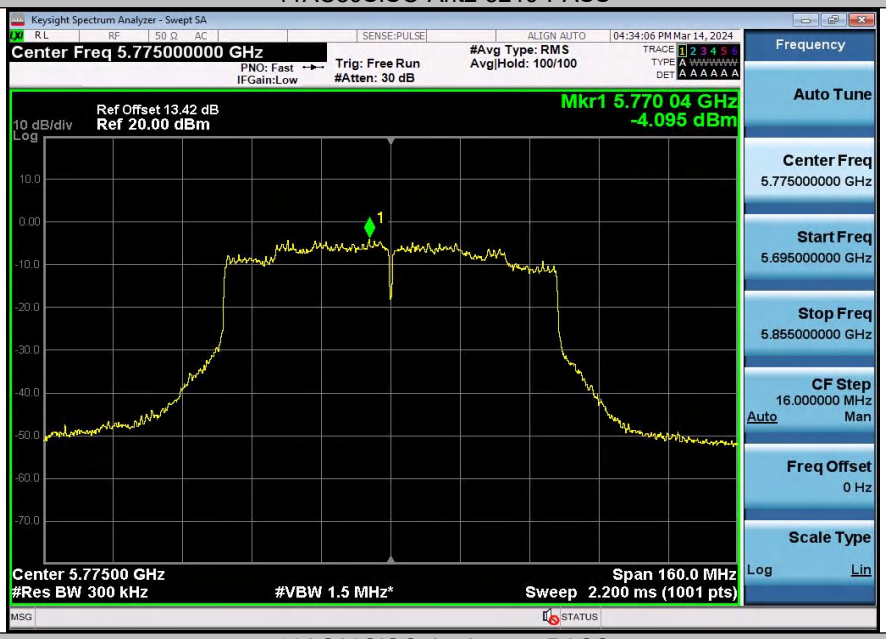


11AC40SISO-Ant2-5755-PASS

11AC40SISO-Ant2-5795-PASS

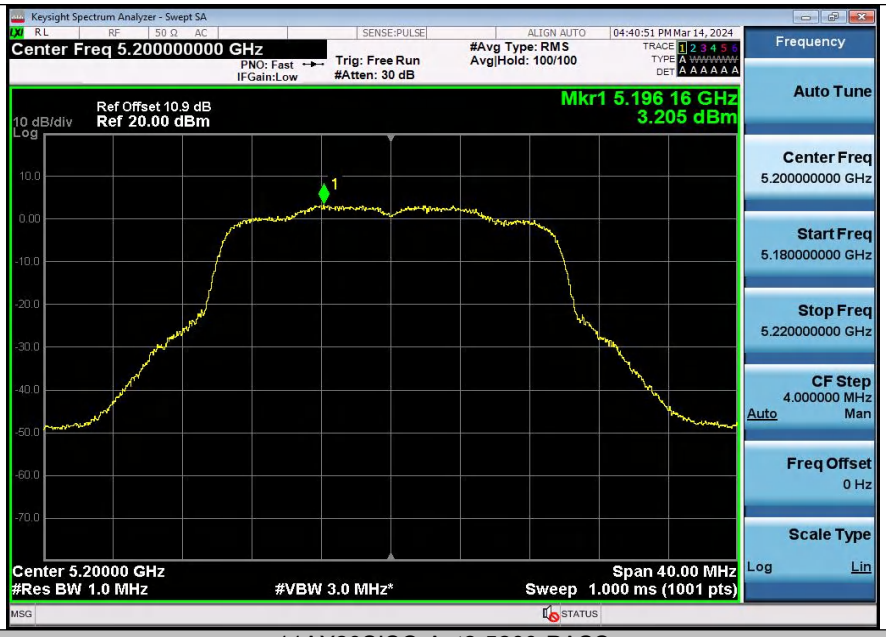


11AC80SISO-Ant2-5210-PASS



11AC80SISO-Ant2-5775-PASS

11AX20SISO-Ant2-5180-PASS



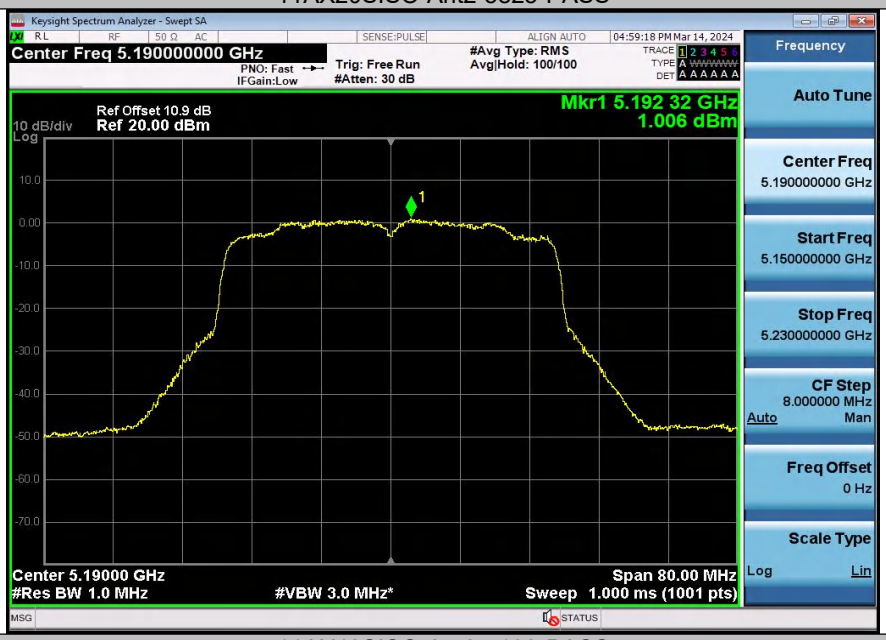
11AX20SISO-Ant2-5200-PASS

11AX20SISO-Ant2-5240-PASS

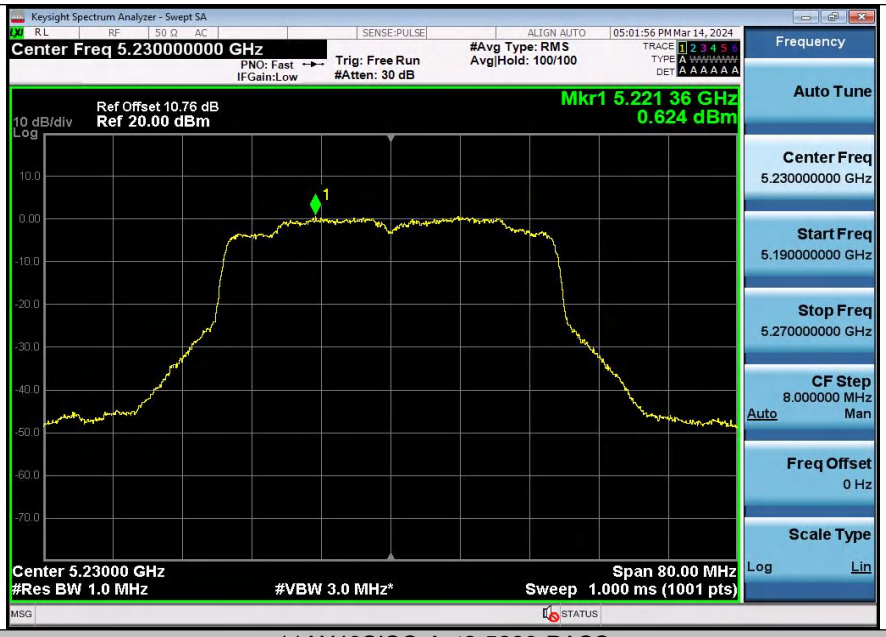
11AX20SISO-Ant2-5745-PASS

11AX20SISO-Ant2-5785-PASS

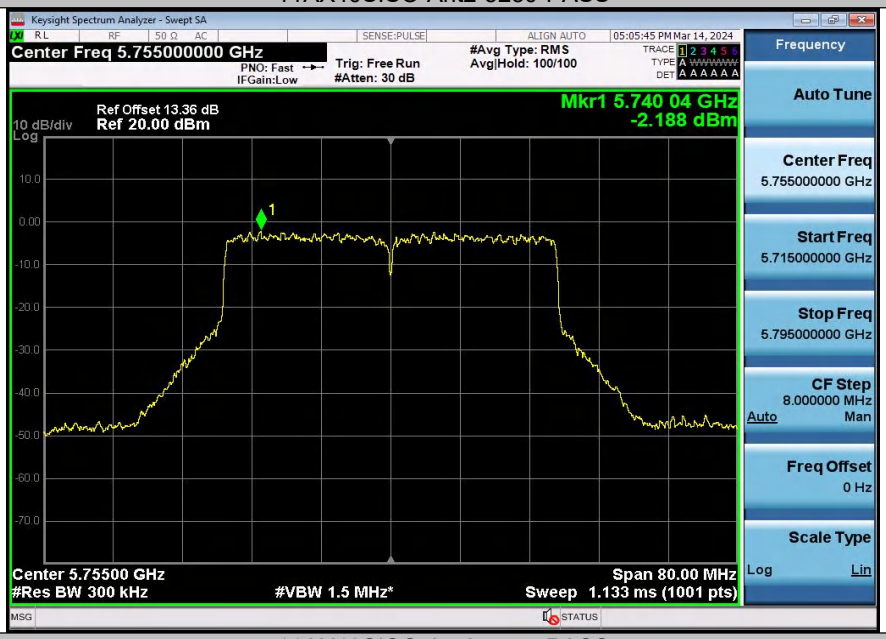
11AX20SISO-Ant2-5825-PASS



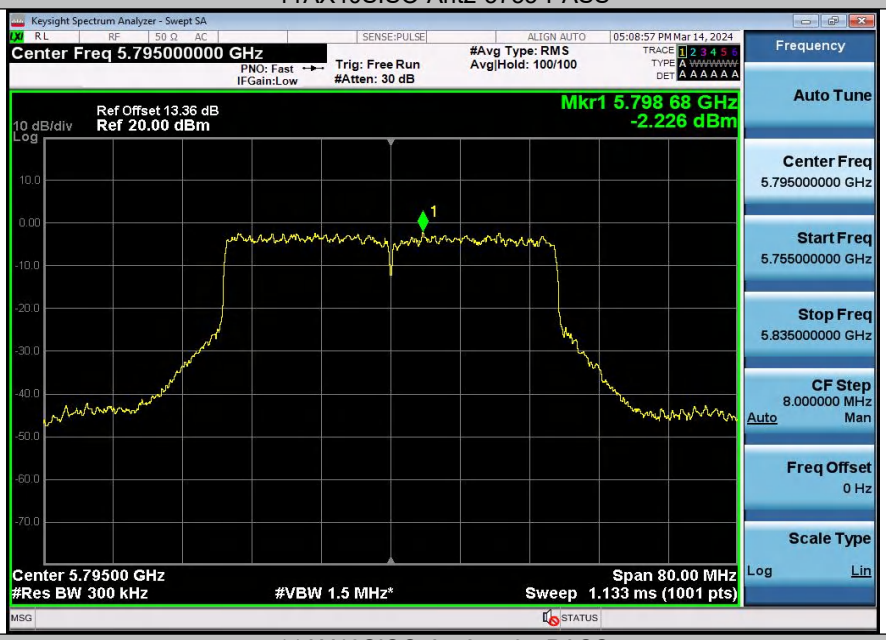
11AX40SISO-Ant2-5190-PASS



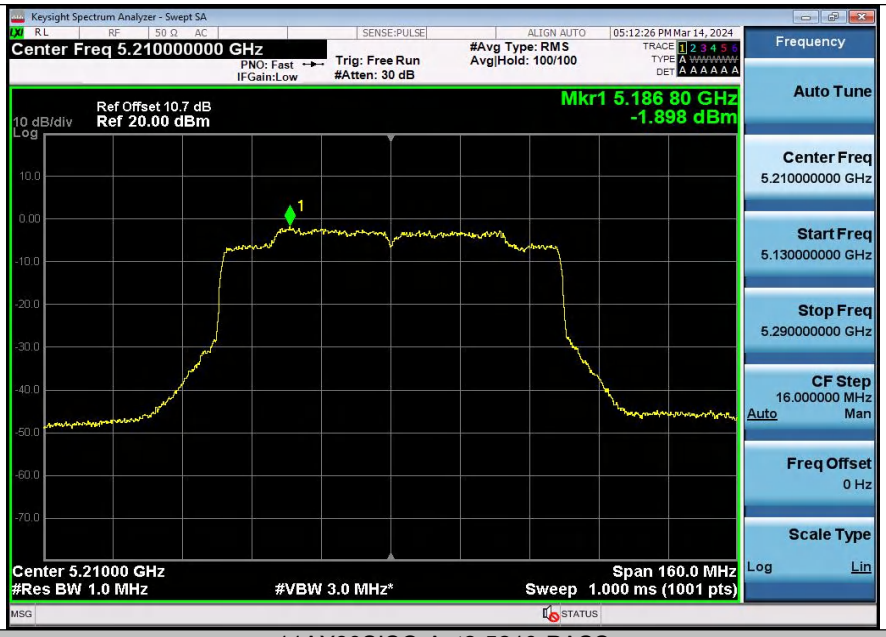
11AX40SISO-Ant2-5230-PASS



11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5210-PASS

11AX80SISO-Ant2-5775-PASS

11AX160SISO-Ant2-5250_UNII-1-PASS

11AX160SISO-Ant2-5250_UNII-2A-PASS

4.5 Emission Bandwidth (26dB Bandwidth)

Limit

N/A

Test Procedure

1. Set resolution bandwidth (RBW) = approximately 1 % of the EBW.
2. Set the video bandwidth (VBW) > RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW / EBW ratio is approximately 1 %.

Test Configuration

Test Results

Ant 1

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	22.440	N/A	Pass
		40	22.240		
		48	22.720		
802.11n(HT20)	U-NII 1	36	21.760		
		40	21.800		
		48	22.040		
802.11n(HT40)	U-NII 1	38	42.080		
		46	44.080		
802.11ac(VHT20)	U-NII 1	36	21.880		
		40	22.160		
		48	22.240		
802.11ac(VHT40)	U-NII 1	38	41.360		
		46	42.560		
802.11ac(VHT80)	U-NII 1	42	84.640		
802.11ax(VHT20)	U-NII 1	36	21.120		
		40	22.480		
		48	22.240		
802.11ax(VHT40)	U-NII 1	38	42.320		
		46	42.320		
802.11ax(VHT80)	U-NII 1	42	84.960		

Ant 2

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	21.360	N/A	Pass
		40	22.640		
		48	22.480		
802.11n(HT20)	U-NII 1	36	22.680		
		40	22.240		
		48	23.360		
802.11n(HT40)	U-NII 1	38	41.680		
		46	42.320		
802.11ac(VHT20)	U-NII 1	36	22.360		
		40	22.880		
		48	23.360		
802.11ac(VHT40)	U-NII 1	38	41.520		
		46	42.800		
802.11ac(VHT80)	U-NII 1	42	85.760		
802.11ax(VHT20)	U-NII 1	36	22.480		
		40	22.520		
		48	22.520		
802.11ax(VHT40)	U-NII 1	38	41.760		
		46	41.760		
802.11ax(VHT80)	U-NII 1	42	82.720		

Test plot as follows:

Ant 1

11A-Ant1-5180

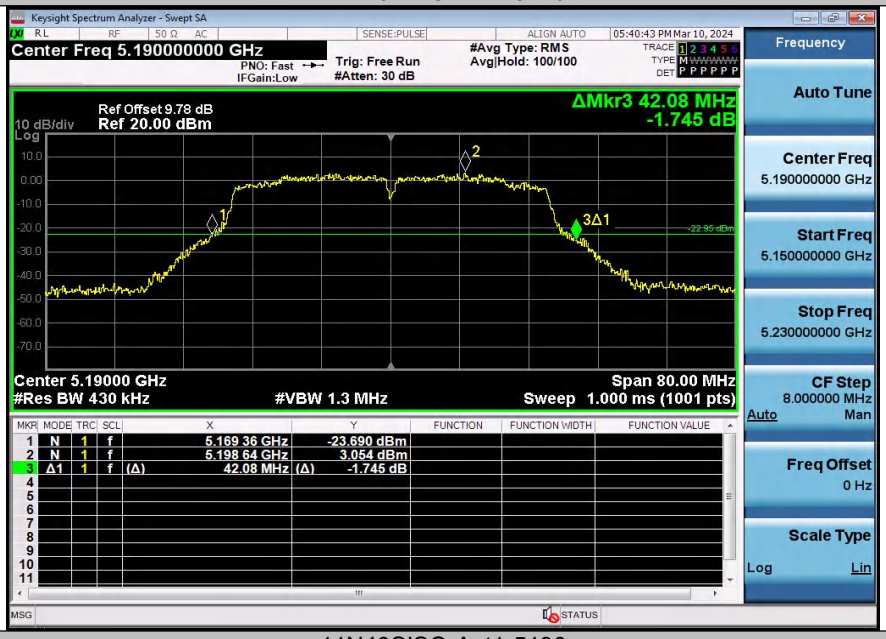
11A-Ant1-5200

11A-Ant1-5240

11N20SISO-Ant1-5180

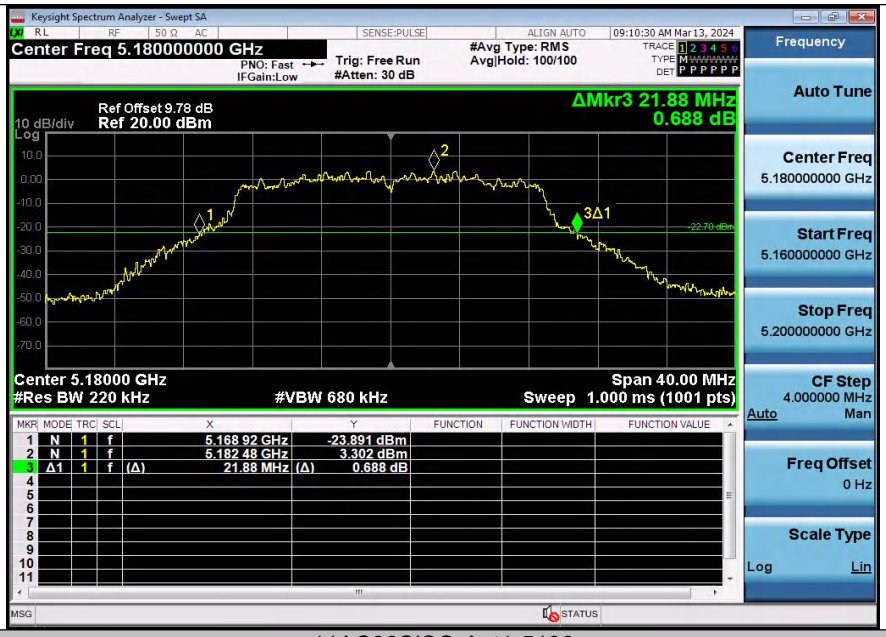
11N20SISO-Ant1-5200

11N20SISO-Ant1-5240



11N40SISO-Ant1-5190

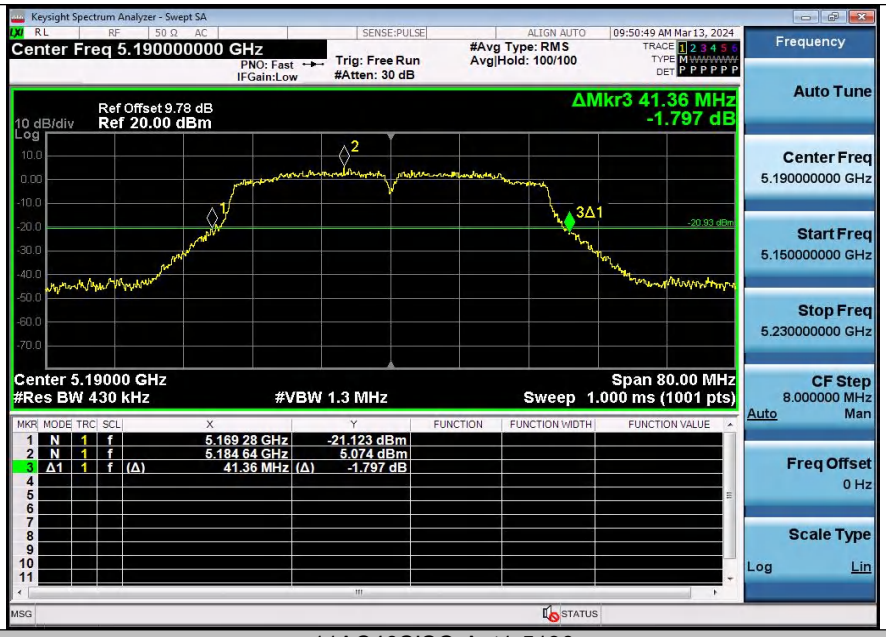
11N40SISO-Ant1-5230



11AC20SISO-Ant1-5180

11AC20SISO-Ant1-5200

11AC20SISO-Ant1-5240



11AC40SISO-Ant1-5190

11AC40SISO-Ant1-5230

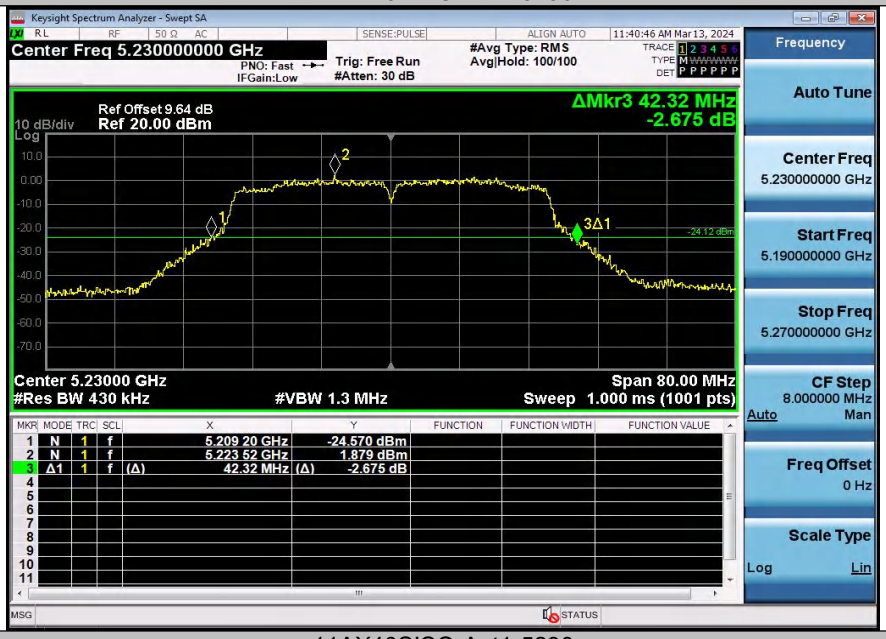
11AC80SISO-Ant1-5210

11AX20SISO-Ant1-5180

11AX20SISO-Ant1-5200

11AX20SISO-Ant1-5240

11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230

11AX80SISO-Ant1-5210