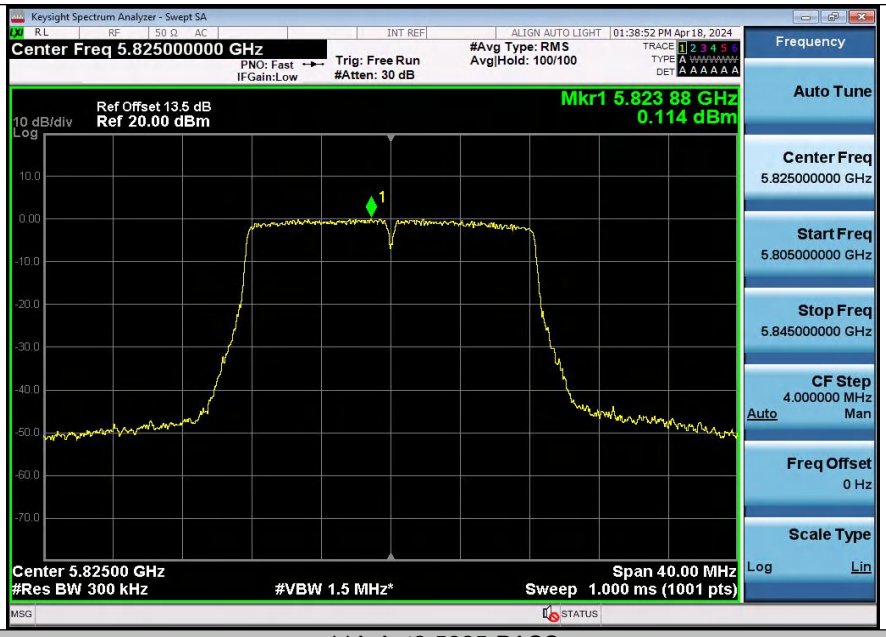
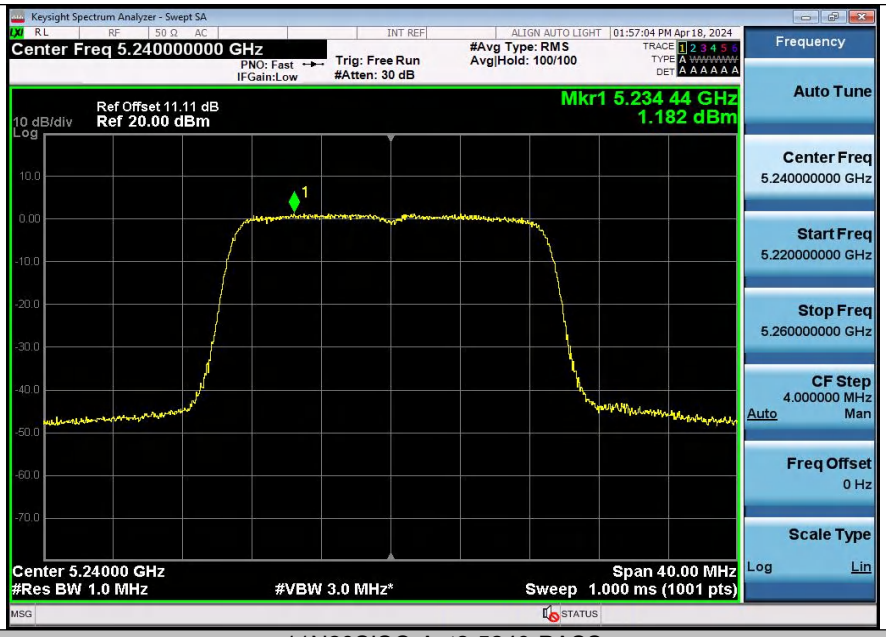


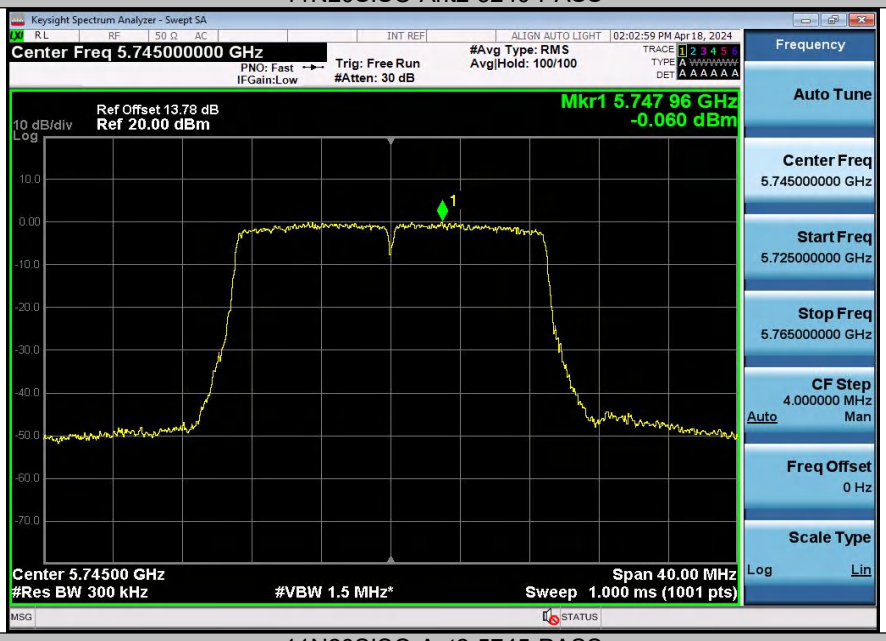
11A-Ant2-5825-PASS

11N20SISO-Ant2-5180-PASS

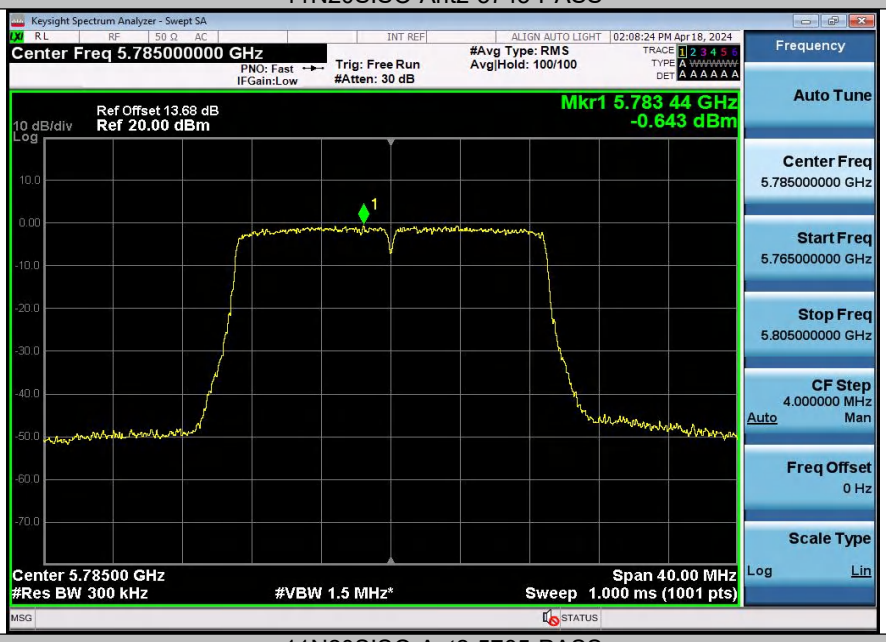
11N20SISO-Ant2-5200-PASS



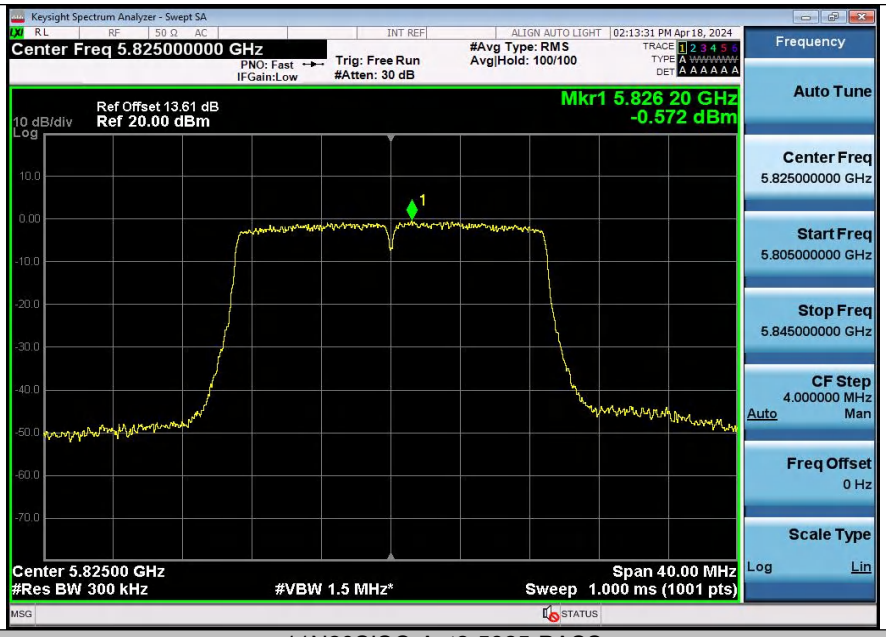
11N20SISO-Ant2-5240-PASS



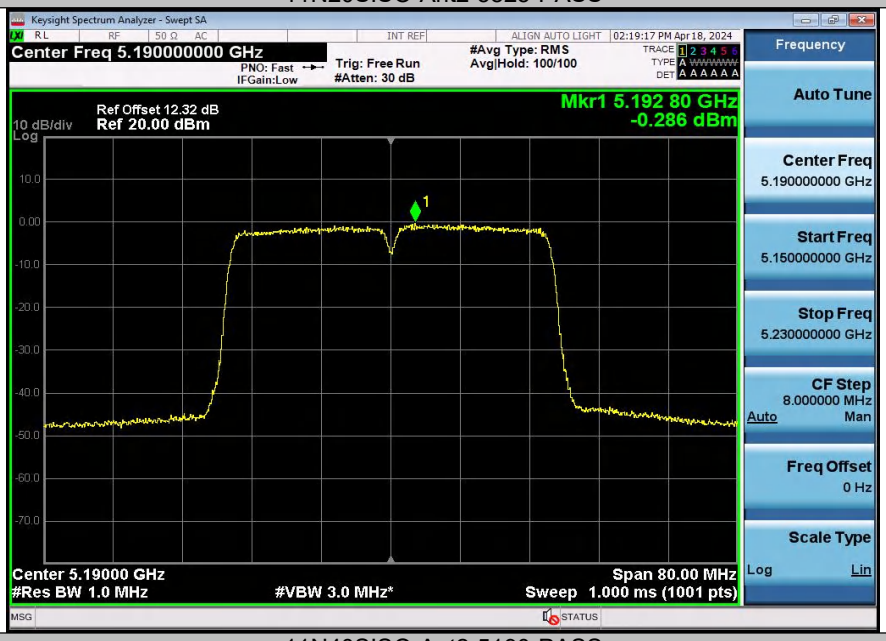
11N20SISO-Ant2-5745-PASS



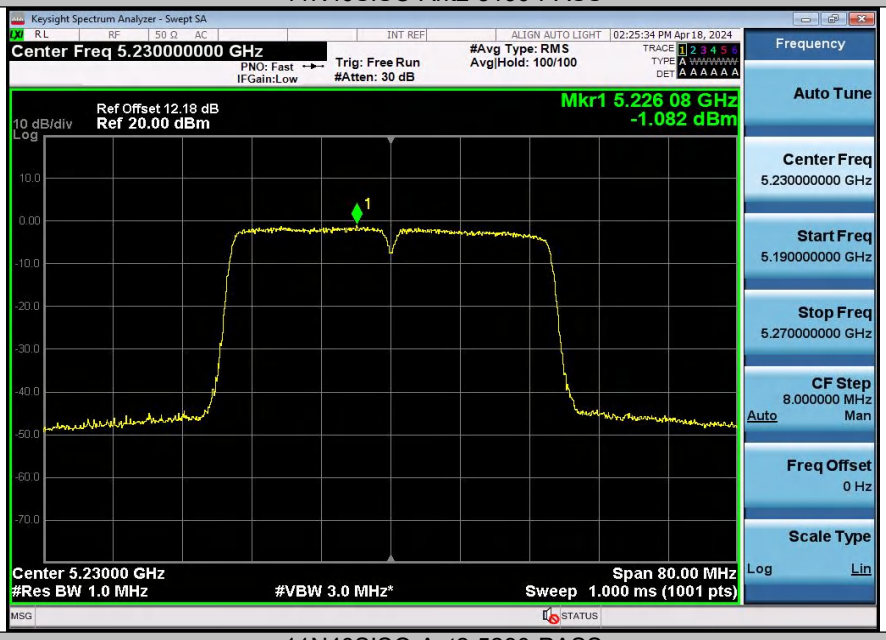
11N20SISO-Ant2-5785-PASS



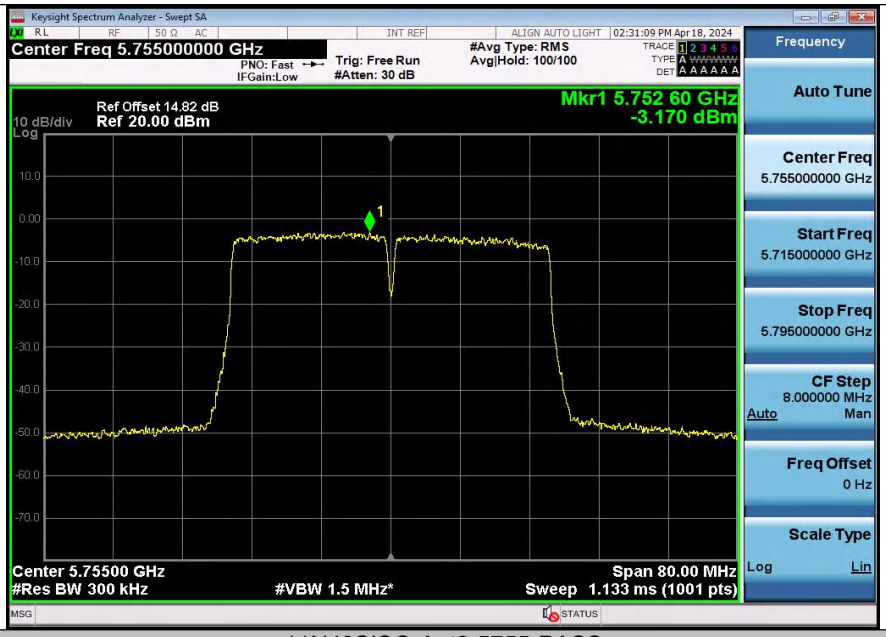
11N20SISO-Ant2-5825-PASS



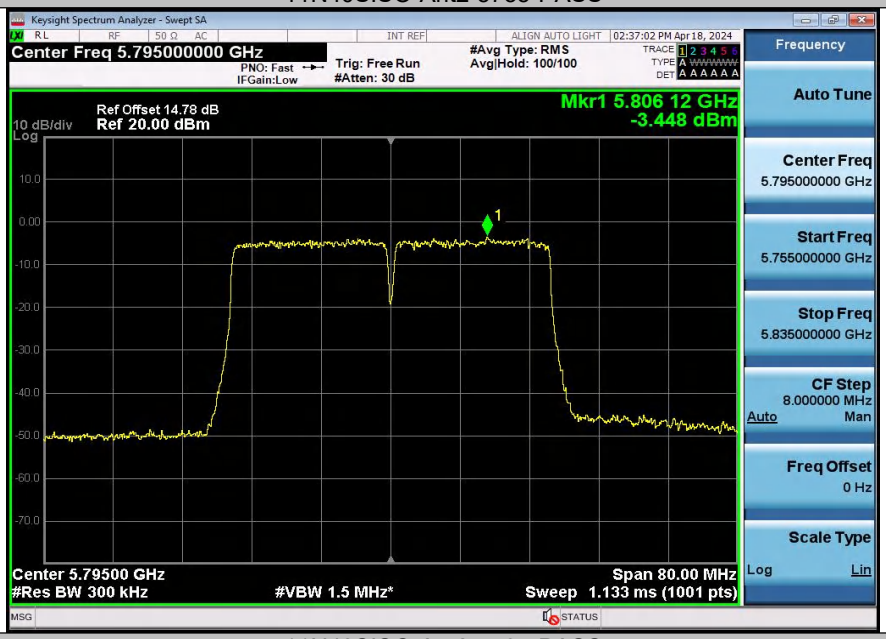
11N40SISO-Ant2-5190-PASS



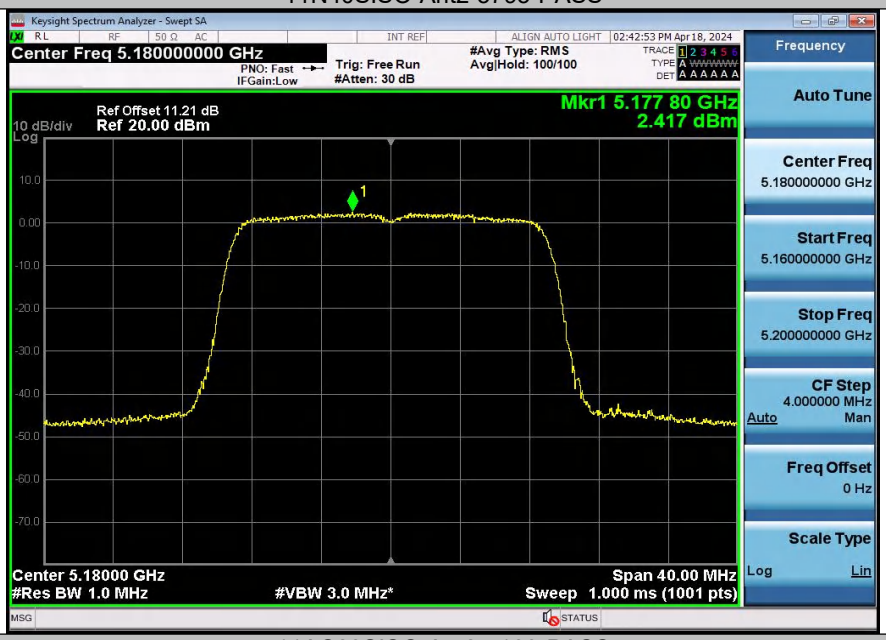
11N40SISO-Ant2-5230-PASS



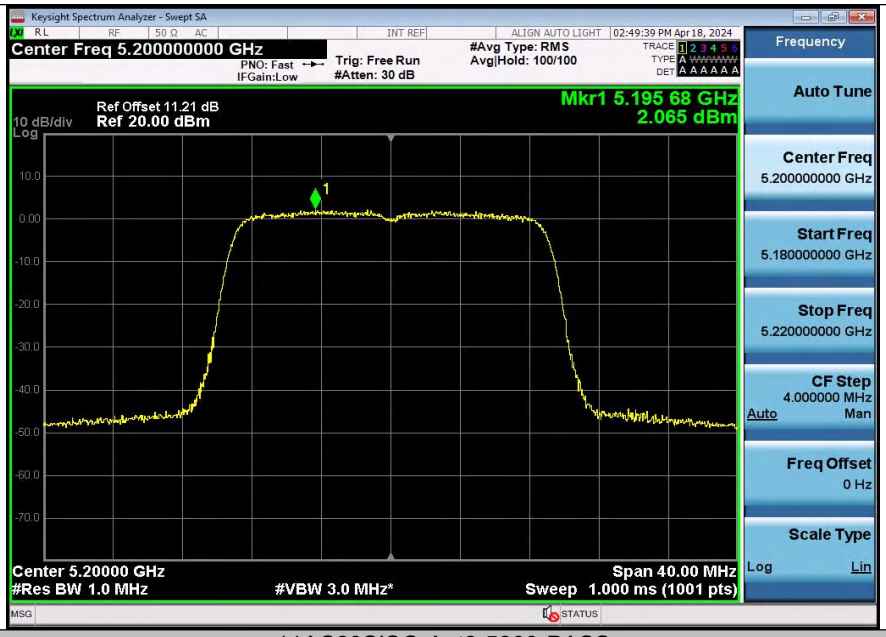
11N40SISO-Ant2-5755-PASS



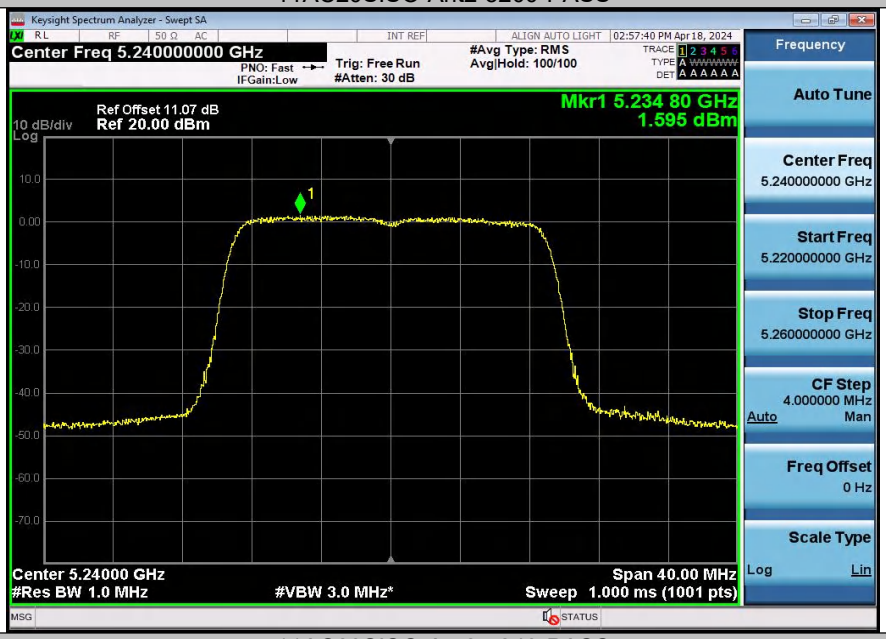
11N40SISO-Ant2-5795-PASS



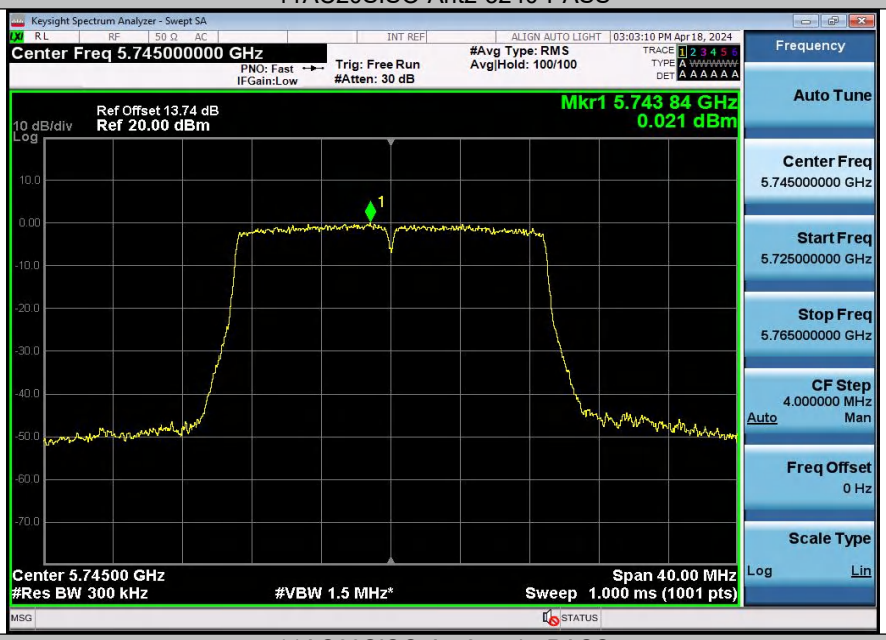
11AC20SISO-Ant2-5180-PASS



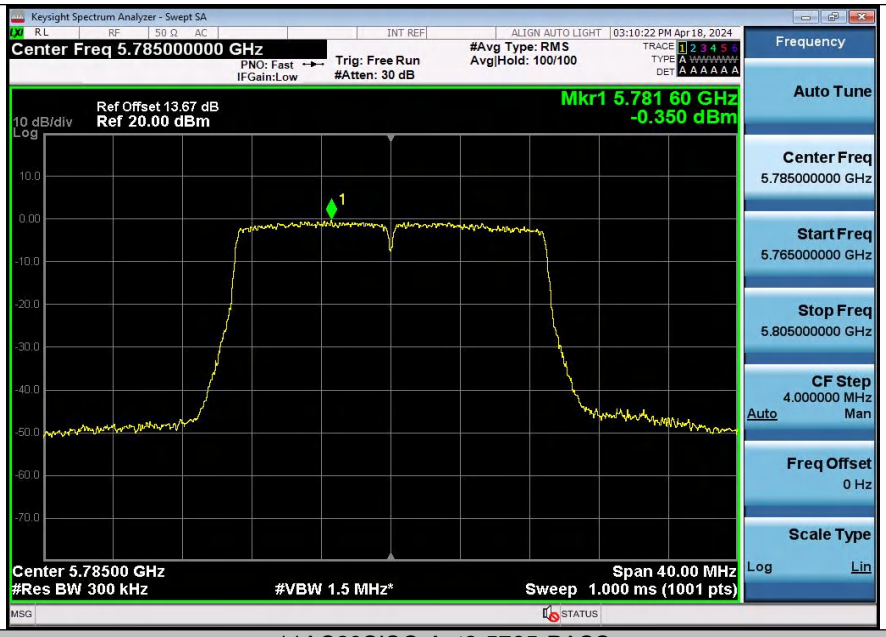
11AC20SISO-Ant2-5200-PASS



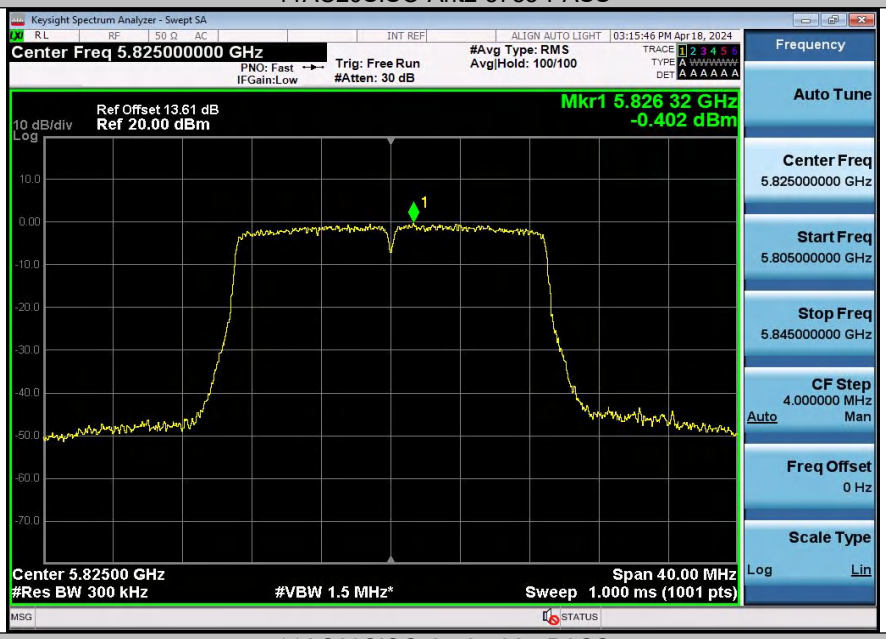
11AC20SISO-Ant2-5240-PASS



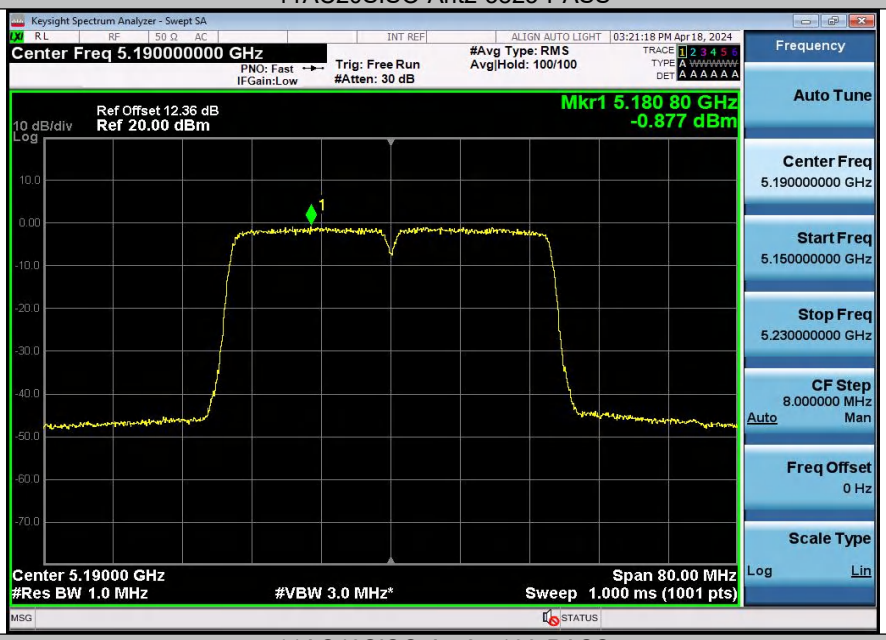
11AC20SISO-Ant2-5745-PASS



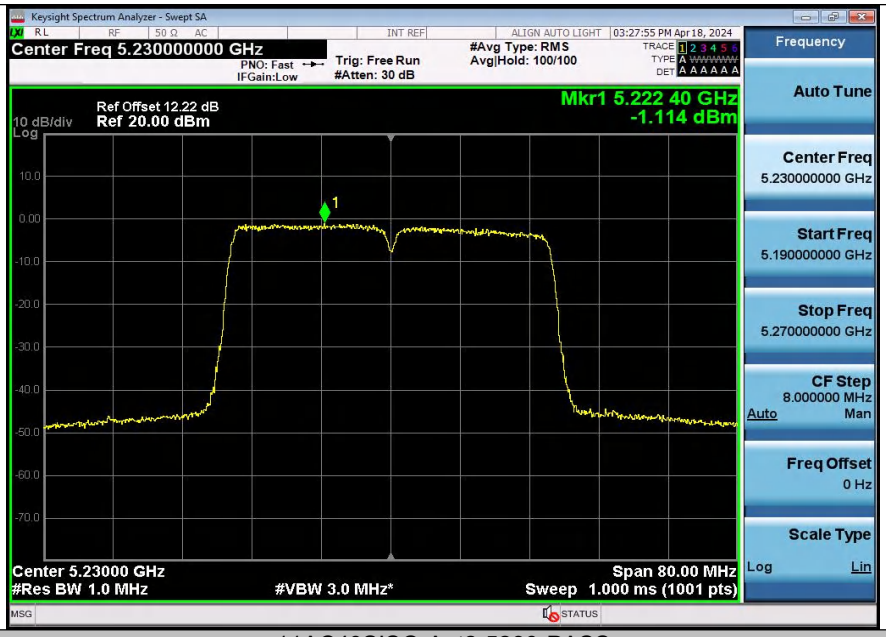
11AC20SISO-Ant2-5785-PASS



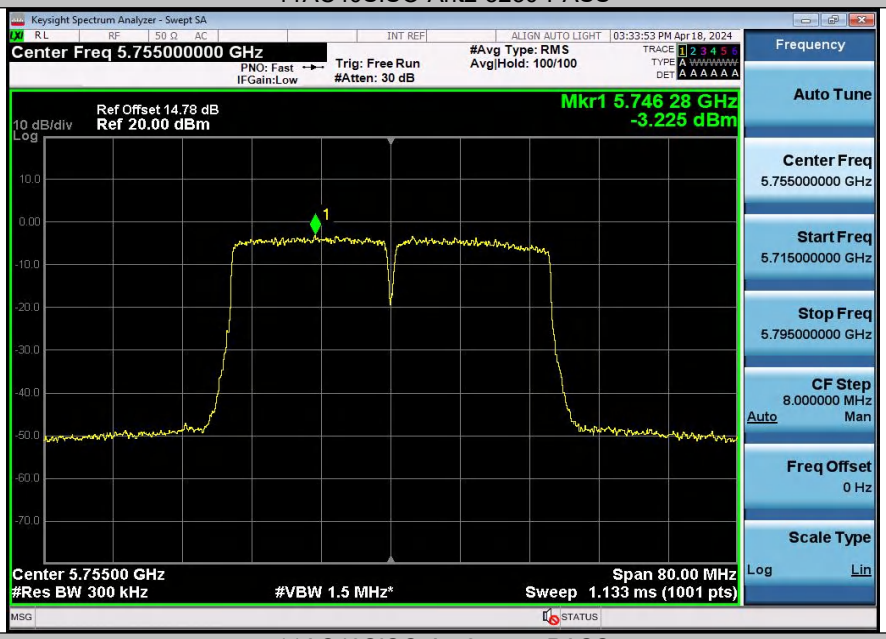
11AC20SISO-Ant2-5825-PASS



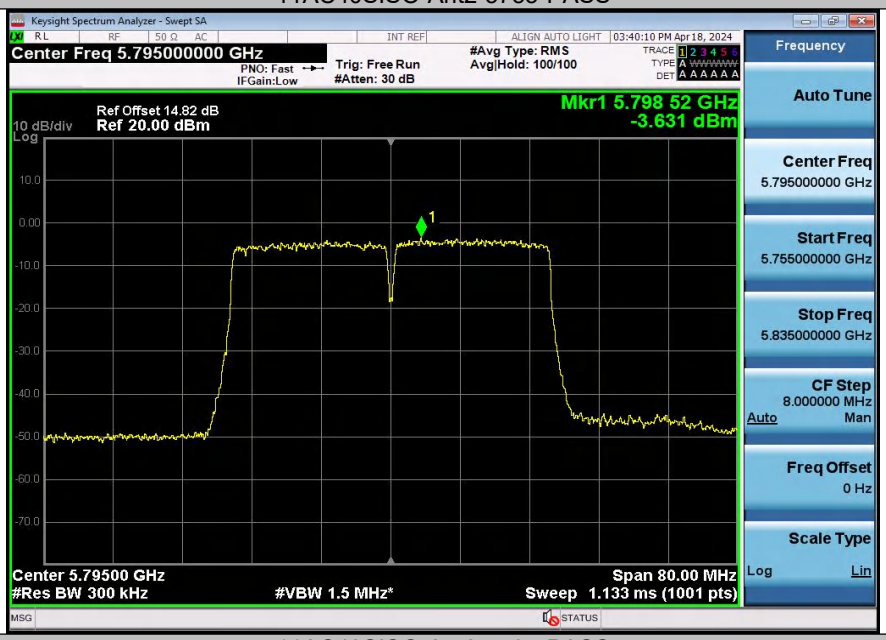
11AC40SISO-Ant2-5190-PASS



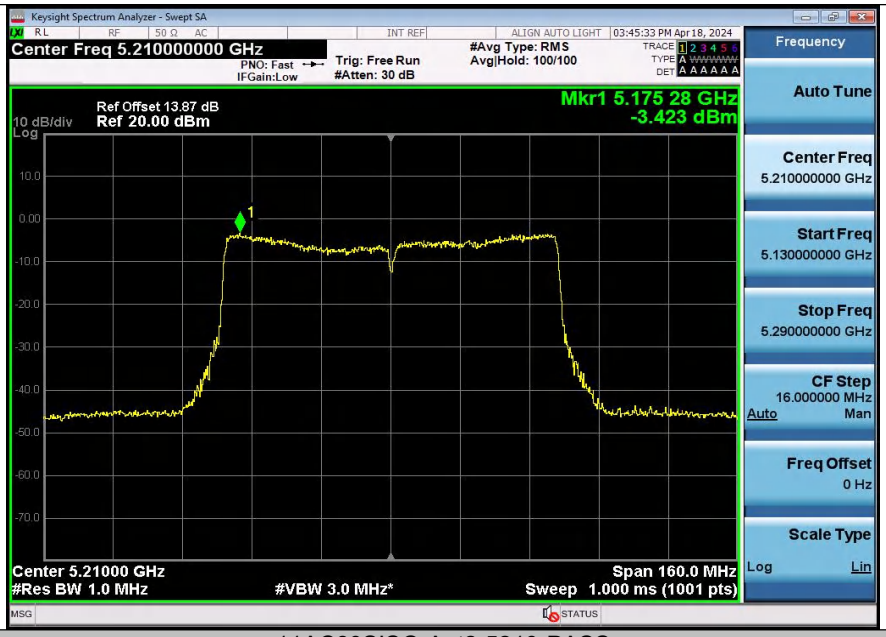
11AC40SISO-Ant2-5230-PASS



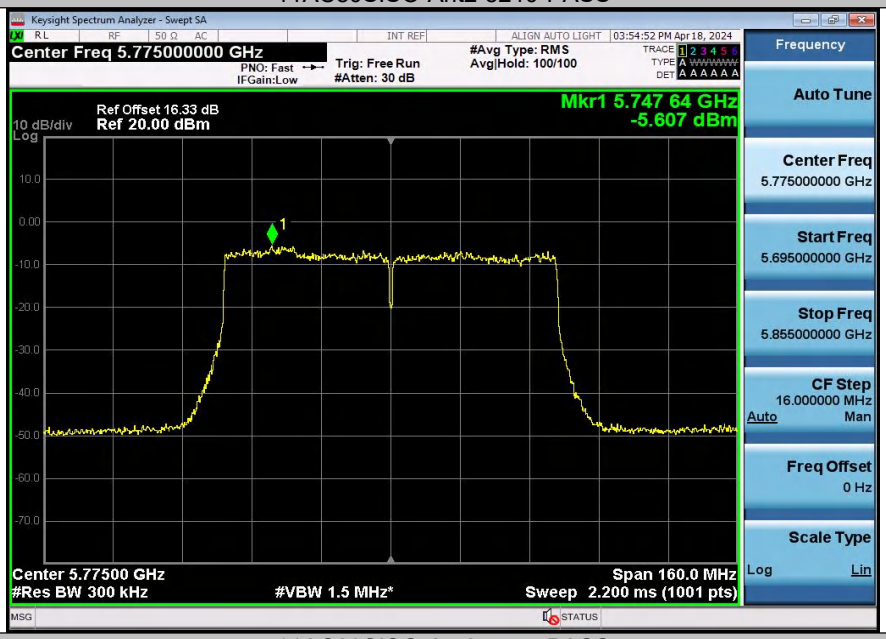
11AC40SISO-Ant2-5755-PASS



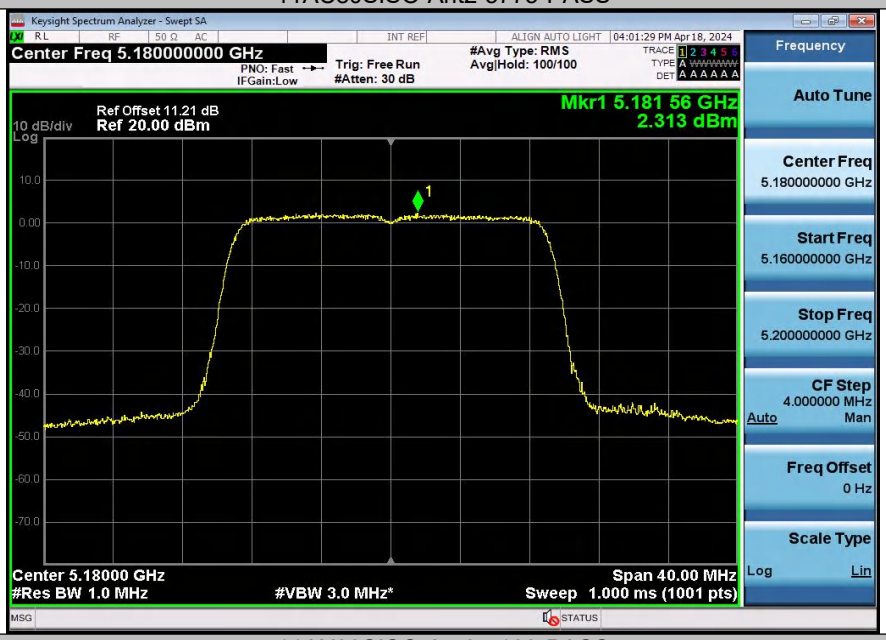
11AC40SISO-Ant2-5795-PASS



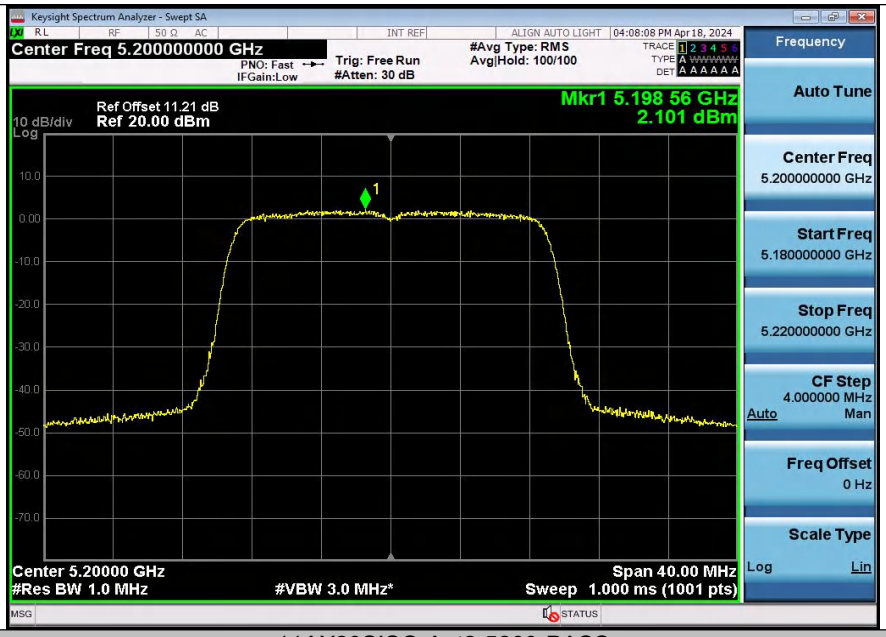
11AC80SISO-Ant2-5210-PASS



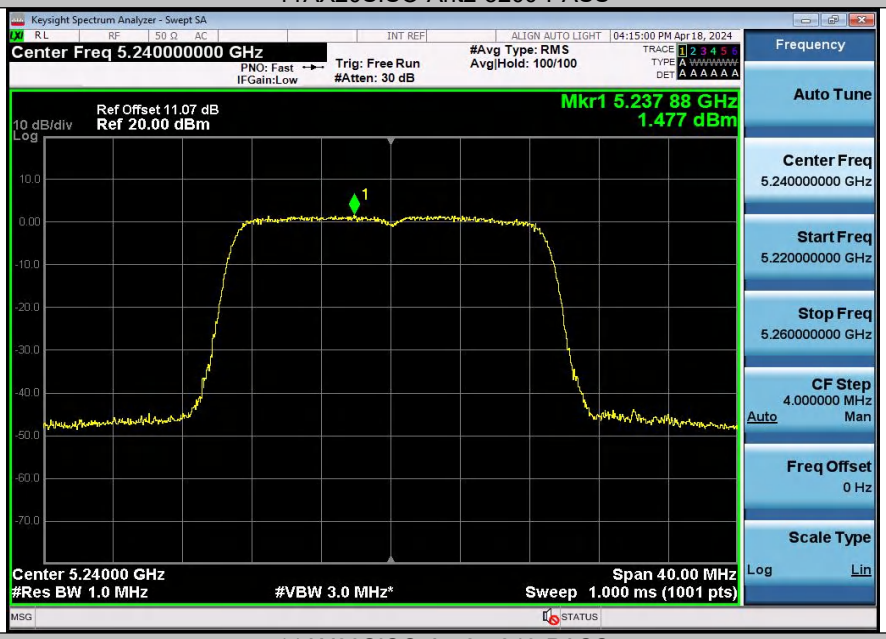
11AC80SISO-Ant2-5775-PASS



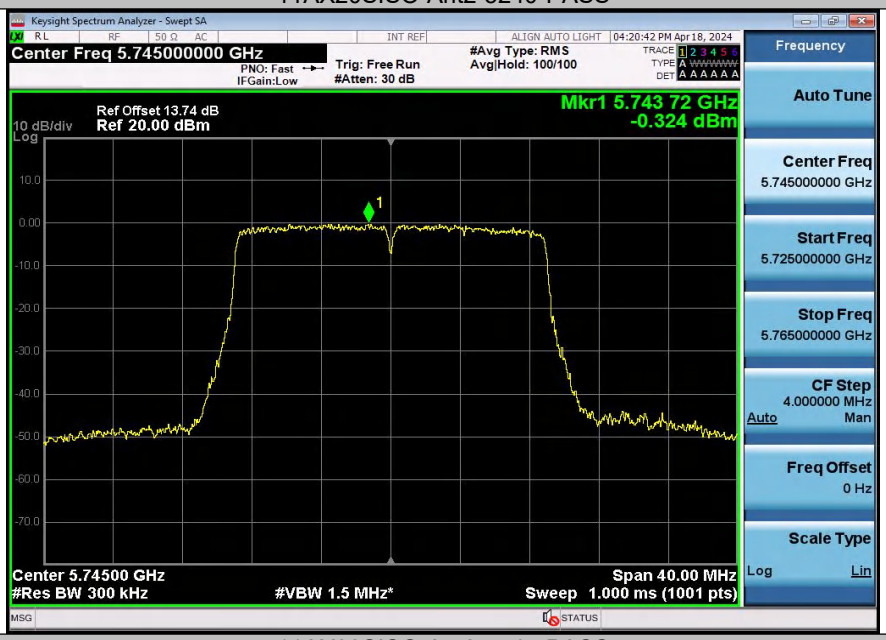
11AX20SISO-Ant2-5180-PASS



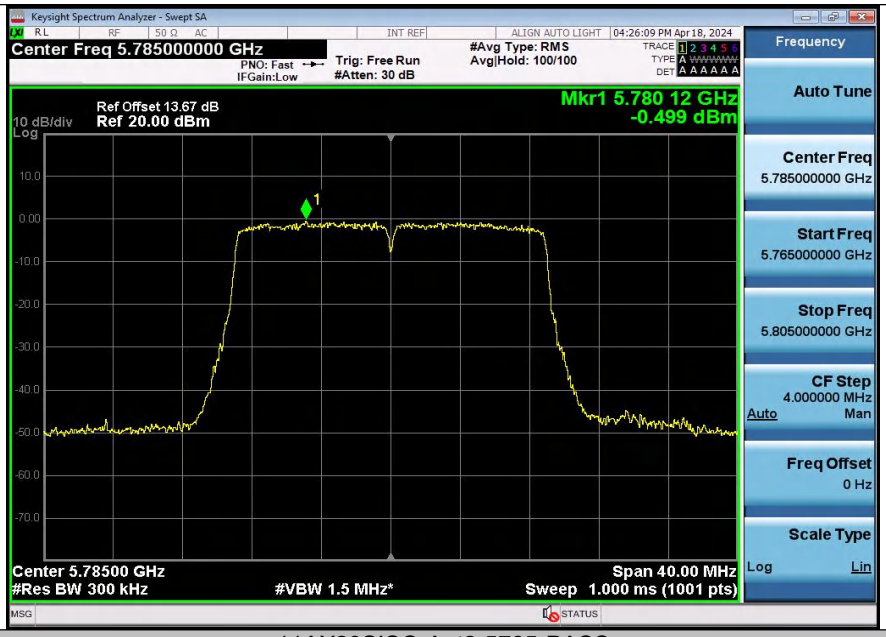
11AX20SISO-Ant2-5200-PASS



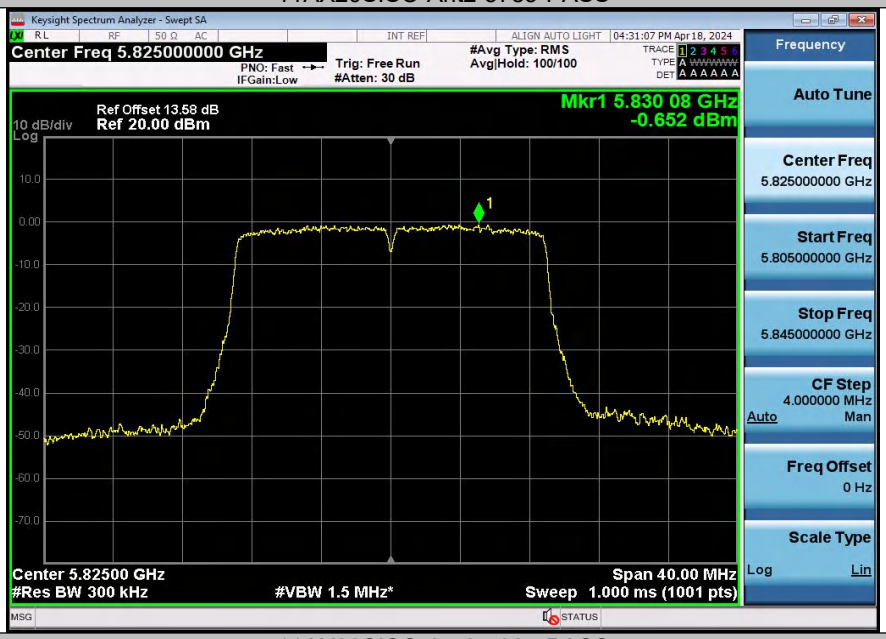
11AX20SISO-Ant2-5240-PASS



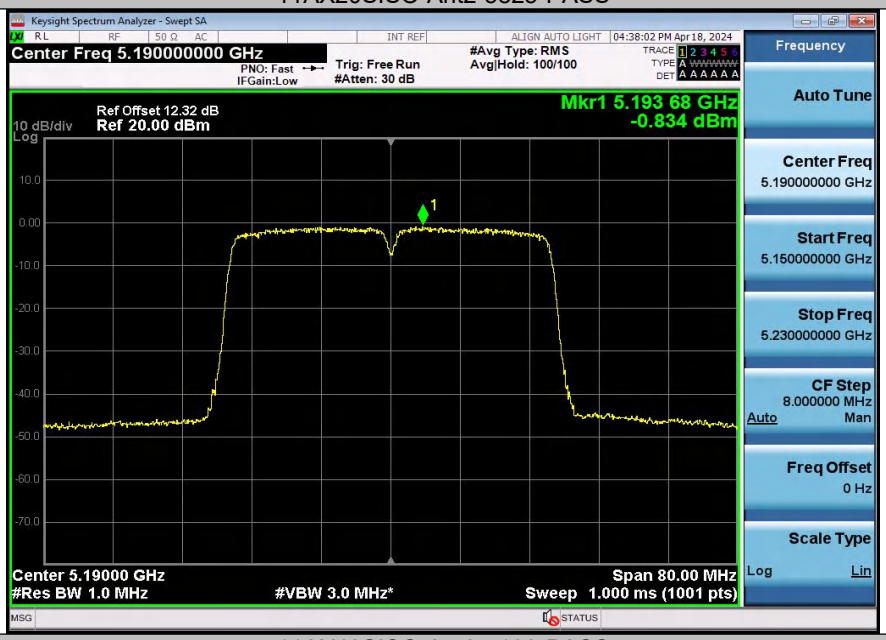
11AX20SISO-Ant2-5745-PASS



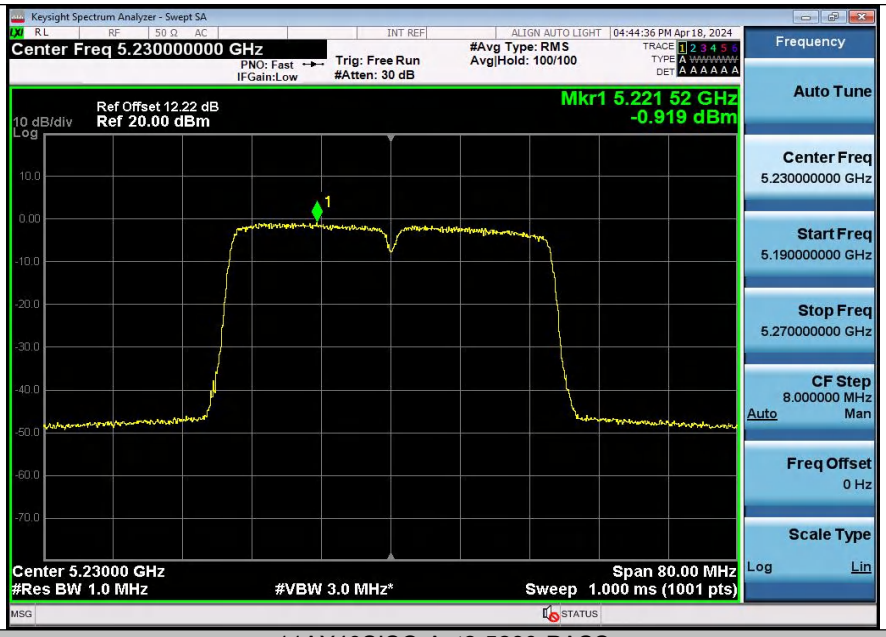
11AX20SISO-Ant2-5785-PASS



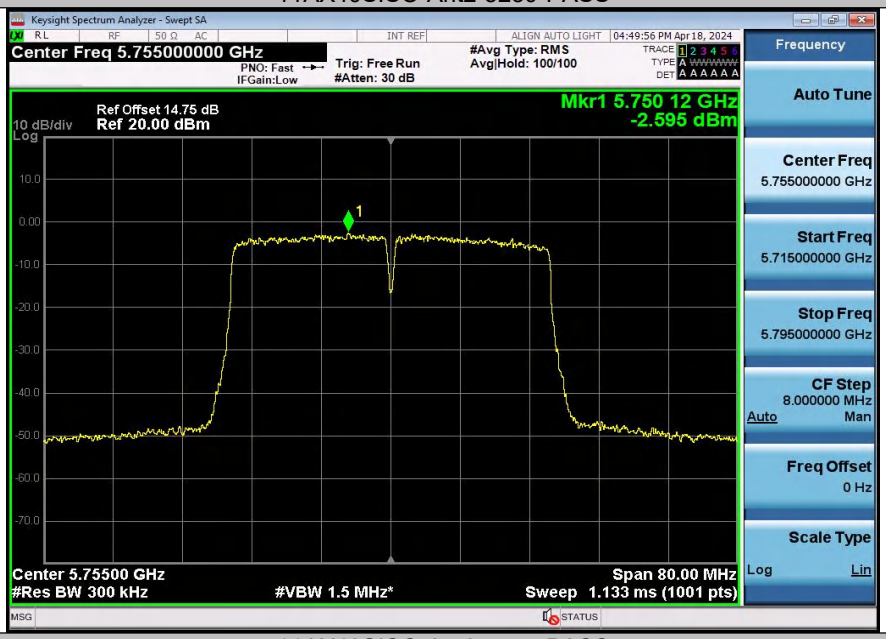
11AX20SISO-Ant2-5825-PASS



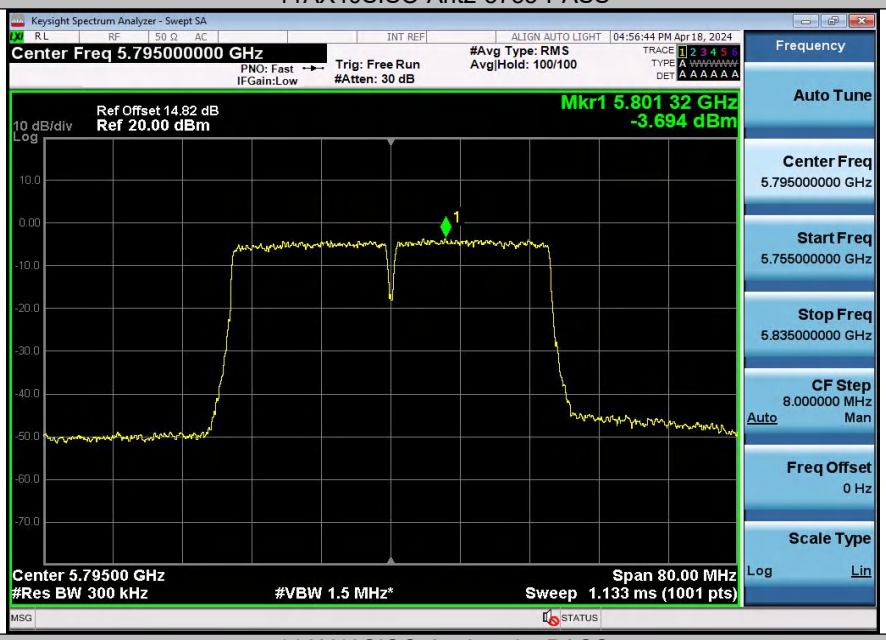
11AX40SISO-Ant2-5190-PASS



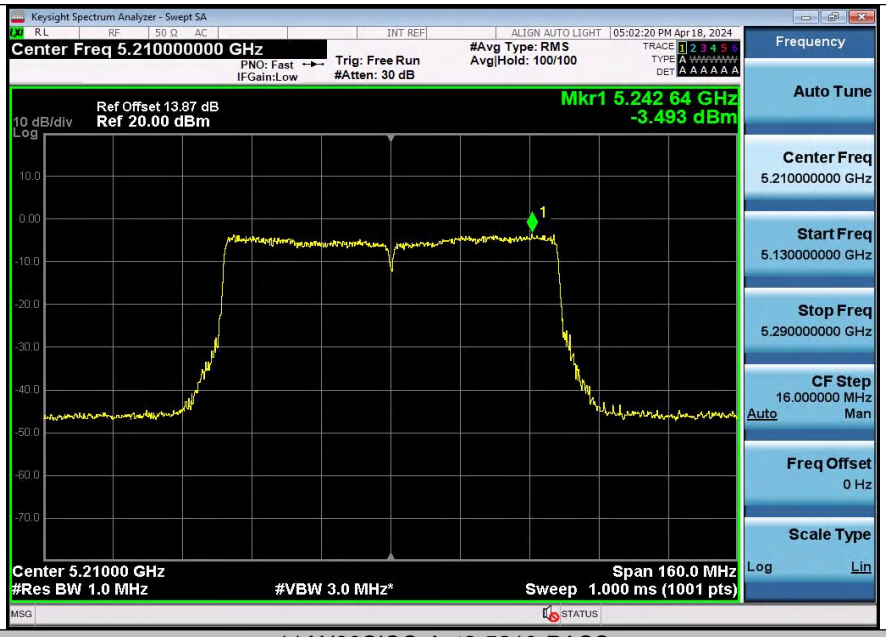
11AX40SISO-Ant2-5230-PASS



11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5210-PASS

11AX80SISO-Ant2-5775-PASS

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	18.360	N/A	Pass
		40	18.160		
		48	18.520		
802.11n(HT20)	U-NII 1	36	19.360		
		40	19.320		
		48	19.440		
802.11n(HT40)	U-NII 1	38	39.200		
		46	39.200		
802.11ac(VHT20)	U-NII 1	36	19.520		
		40	19.360		
		48	19.480		
802.11ac(VHT40)	U-NII 1	38	38.800		
		46	38.800		
802.11ac(VHT80)	U-NII 1	42	85.120		
802.11ax(VHT20)	U-NII 1	36	19.360		
		40	19.520		
		48	19.400		
802.11ax(VHT40)	U-NII 1	38	38.720		
		46	39.120		
802.11ax(VHT80)	U-NII 1	42	86.880		

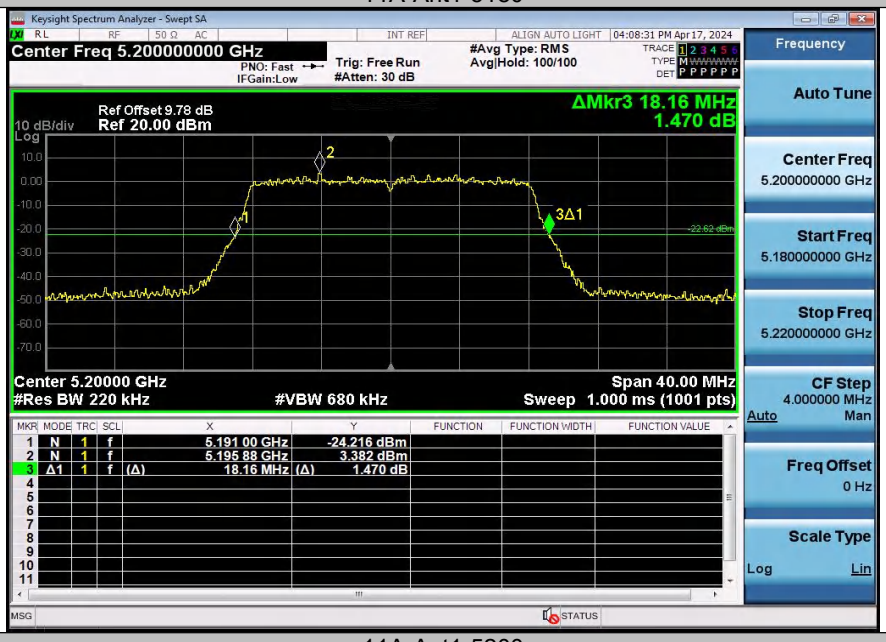
Ant 2

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	18.560	N/A	Pass
		40	18.280		
		48	18.600		
802.11n(HT20)	U-NII 1	36	19.320		
		40	19.400		
		48	19.360		
802.11n(HT40)	U-NII 1	38	39.120		
		46	39.120		
802.11ac(VHT20)	U-NII 1	36	19.400		
		40	19.480		
		48	19.280		
802.11ac(VHT40)	U-NII 1	38	38.880		
		46	39.040		
802.11ac(VHT80)	U-NII 1	42	86.560		
802.11ax(VHT20)	U-NII 1	36	19.280		
		40	19.240		
		48	19.360		
802.11ax(VHT40)	U-NII 1	38	38.880		
		46	38.960		
802.11ax(VHT80)	U-NII 1	42	85.920		

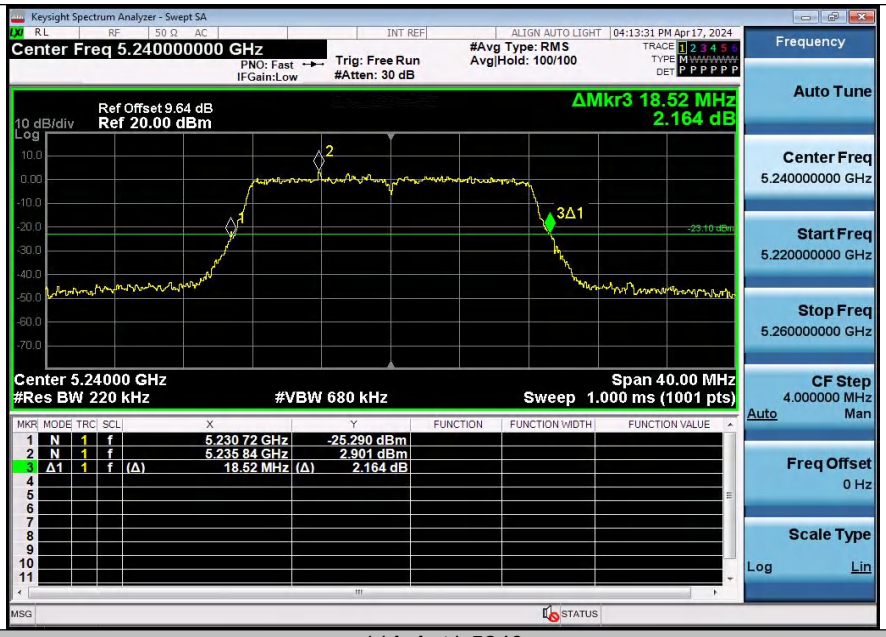
Test plot as follows:

Ant 1

11A-Ant1-5180



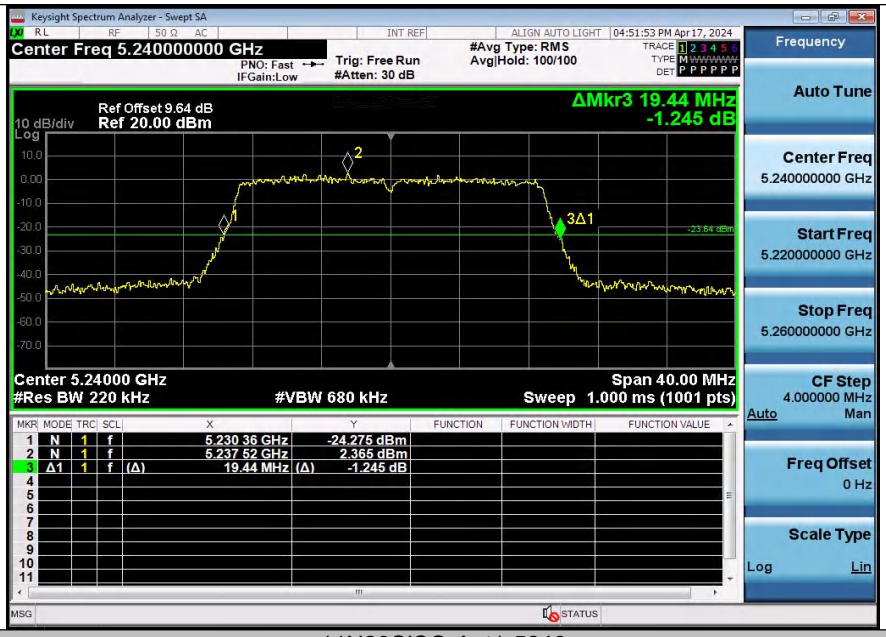
11A-Ant1-5200



11A-Ant1-5240

11N20SISO-Ant1-5180

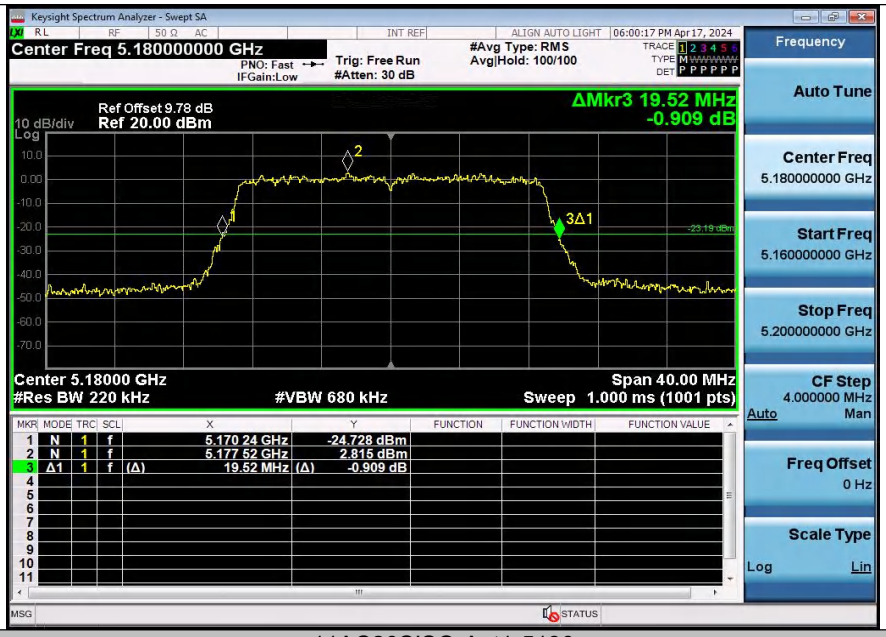
11N20SISO-Ant1-5200



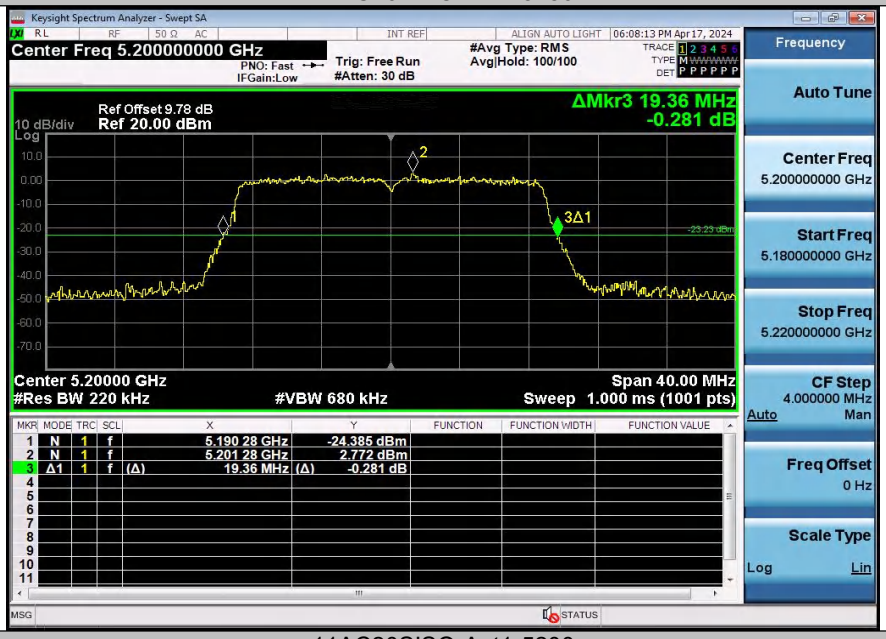
11N20SISO-Ant1-5240

11N40SISO-Ant1-5190

11N40SISO-Ant1-5230



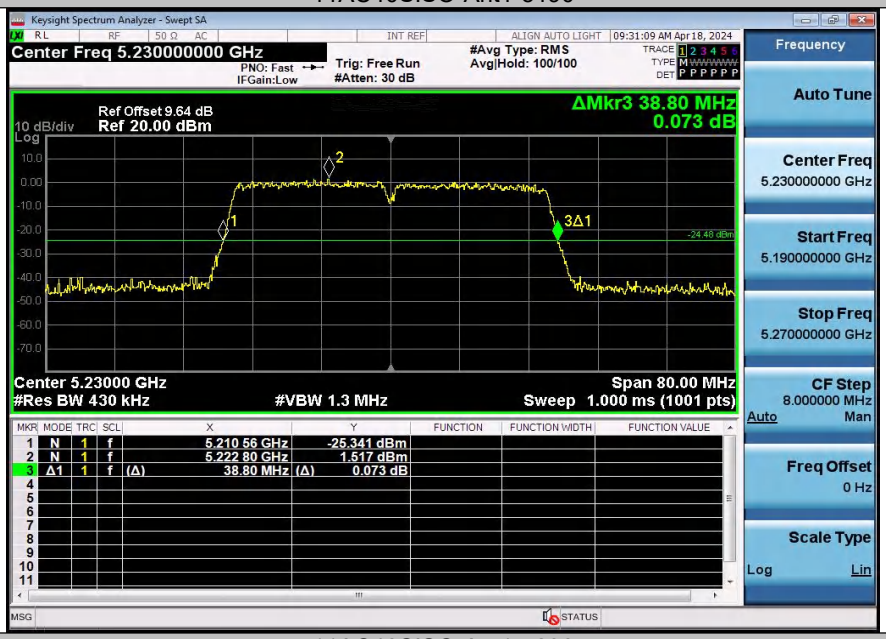
11AC20SISO-Ant1-5180



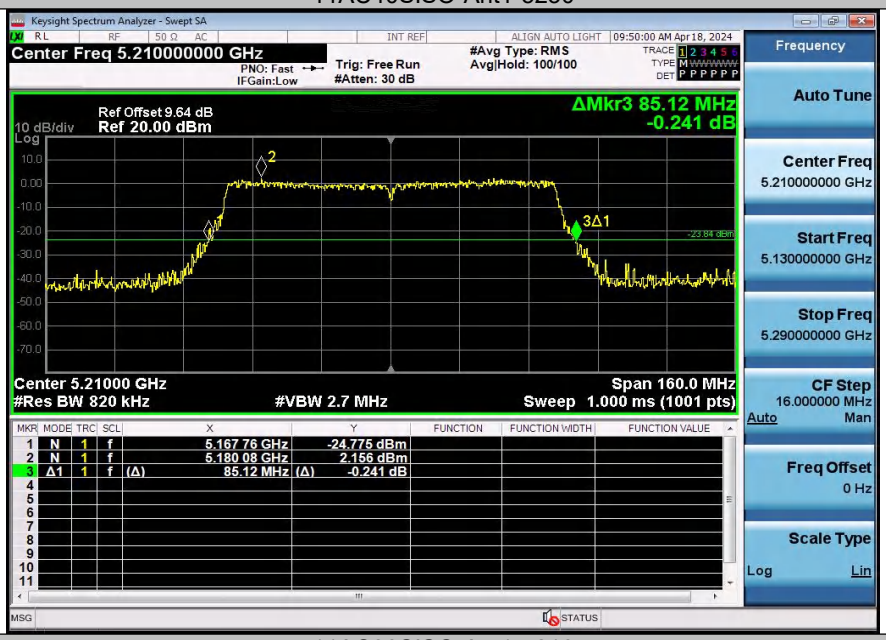
11AC20SISO-Ant1-5200

11AC20SISO-Ant1-5240

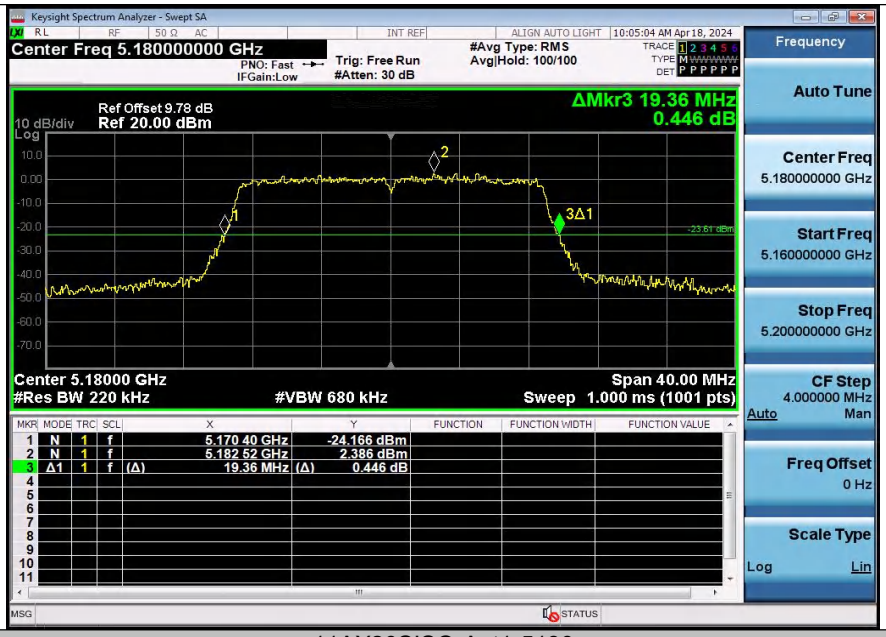
11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230



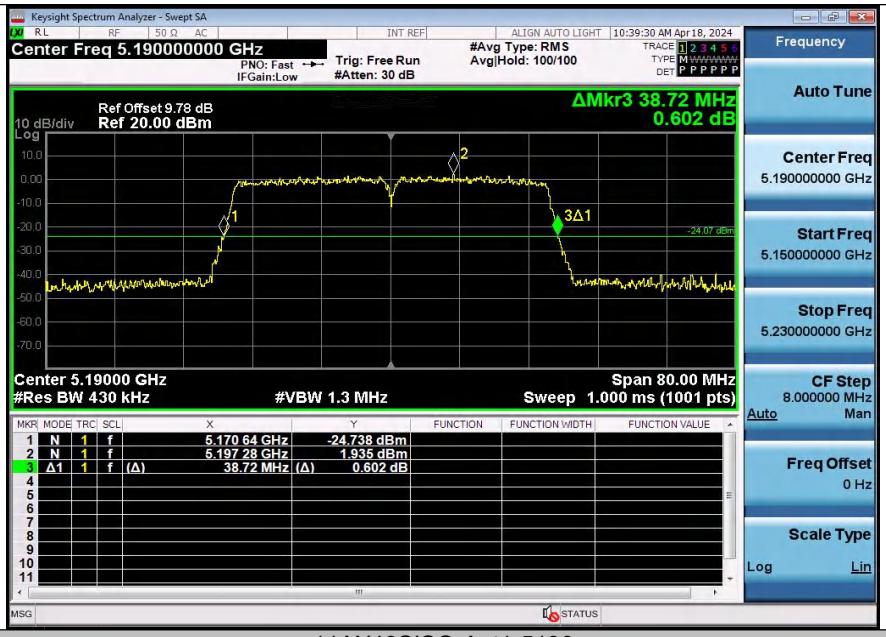
11AC80SISO-Ant1-5210



11AX20SISO-Ant1-5180

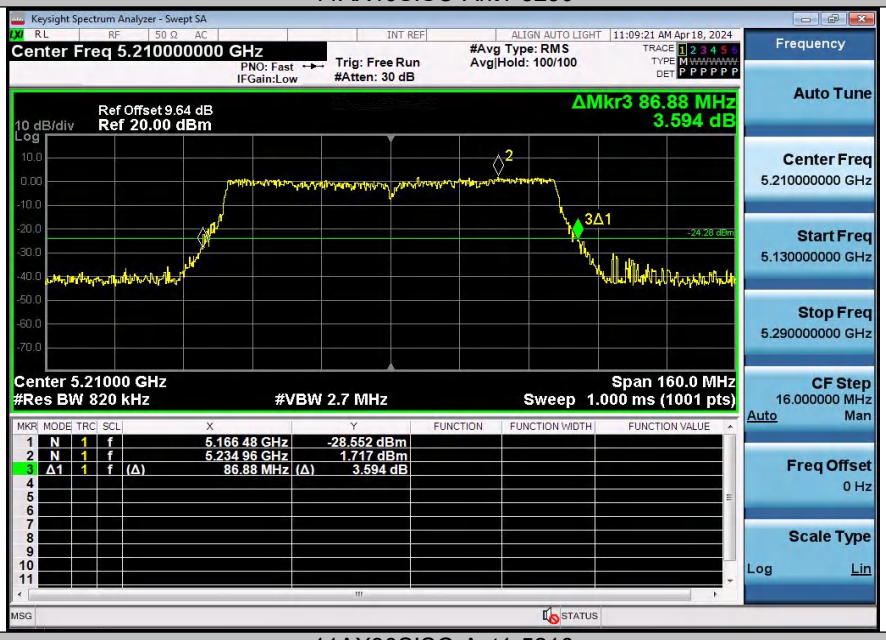
11AX20SISO-Ant1-5200

11AX20SISO-Ant1-5240



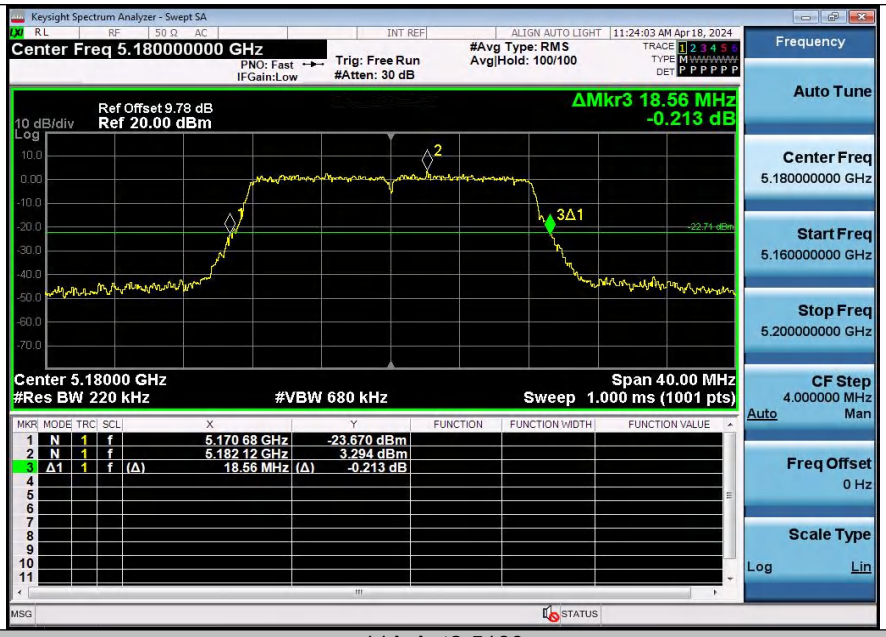
11AX40SISO-Ant1-5190

11AX40SISO-Ant1-5230



11AX80SISO-Ant1-5210

Ant 2



11A-Ant2-5180

11A-Ant2-5200