

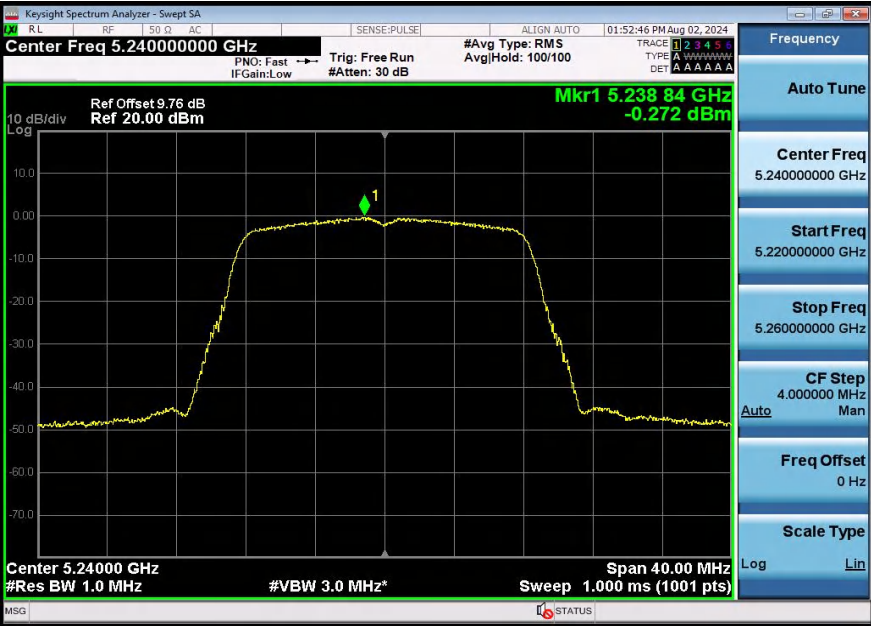
Ant 2



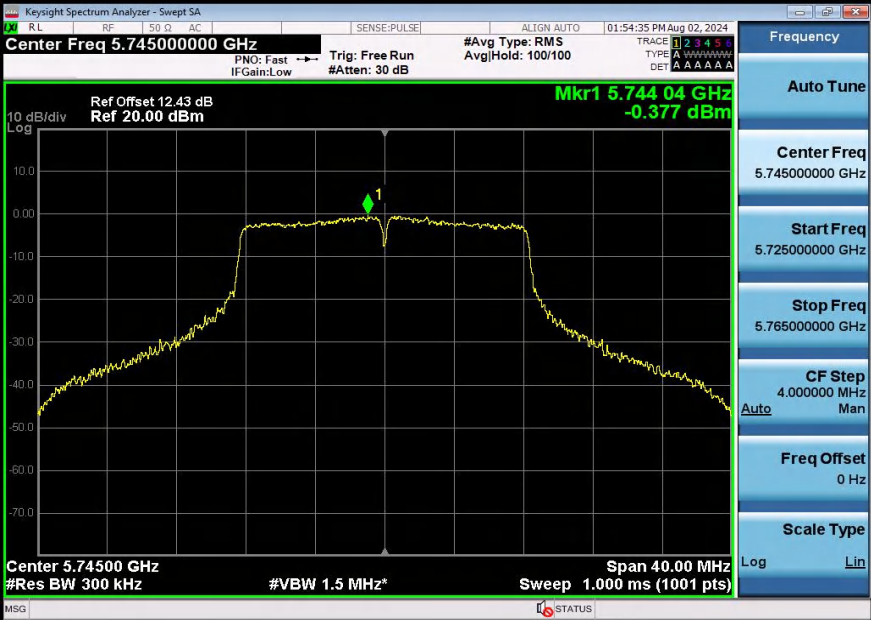
11A-Ant2-5180-PASS



11A-Ant2-5200-PASS



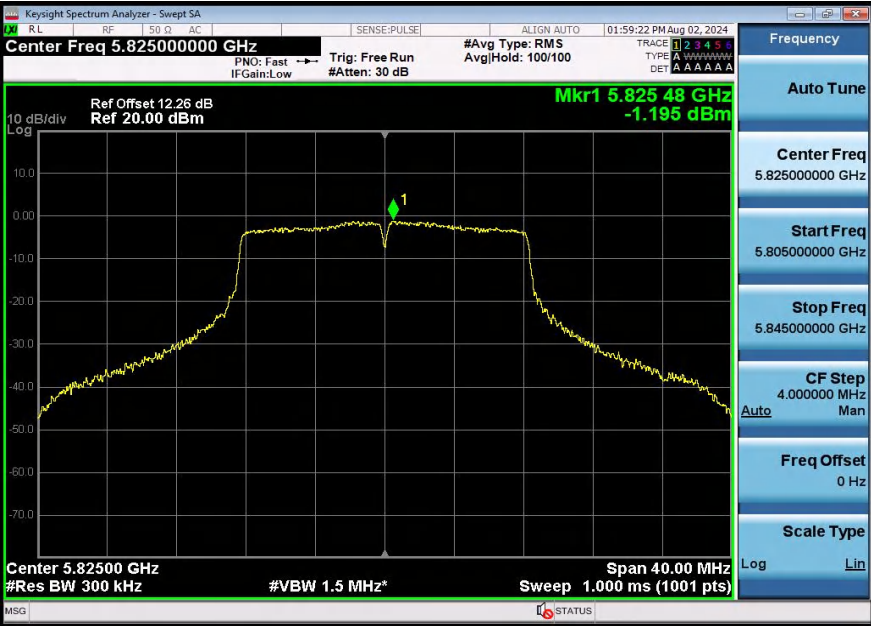
11A-Ant2-5240-PASS



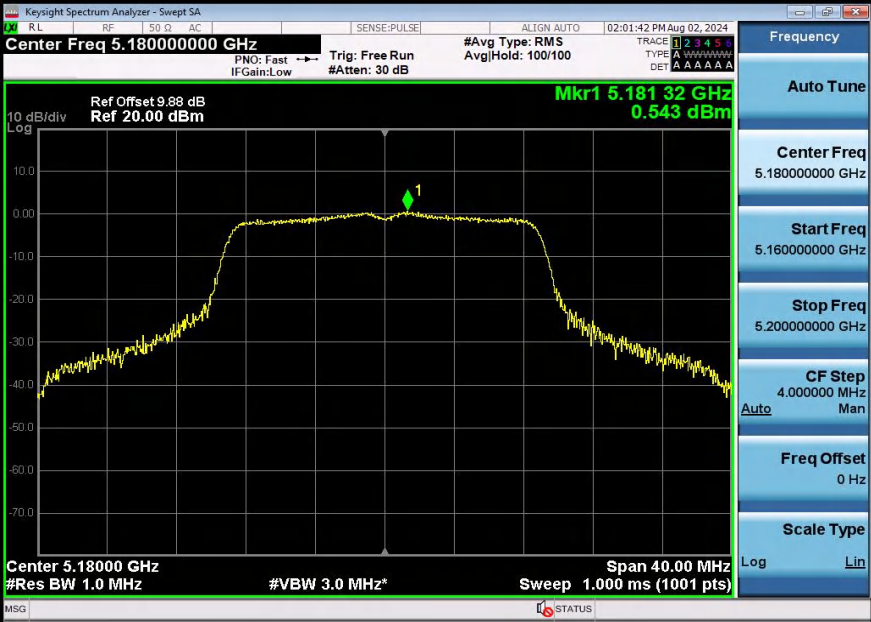
11A-Ant2-5745-PASS



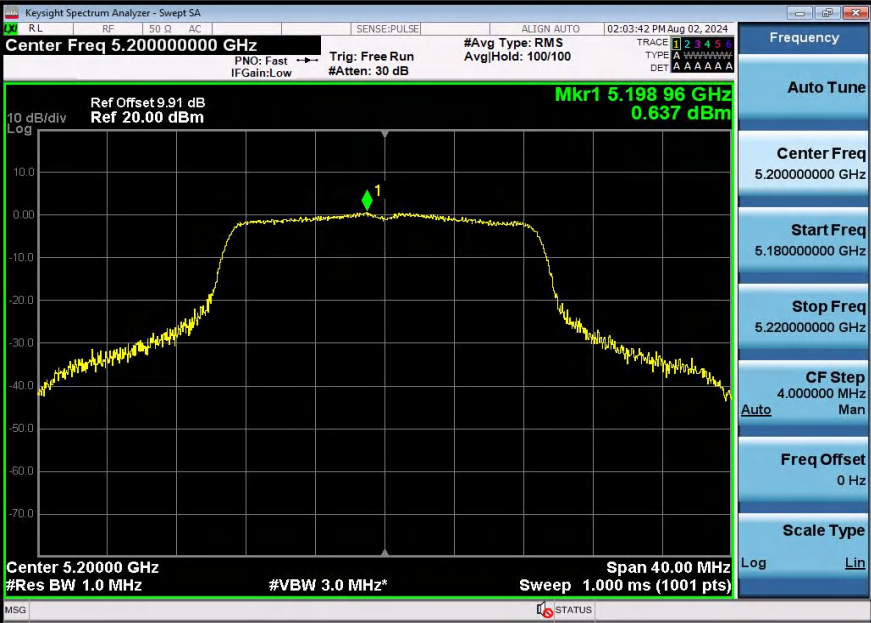
11A-Ant2-5785-PASS



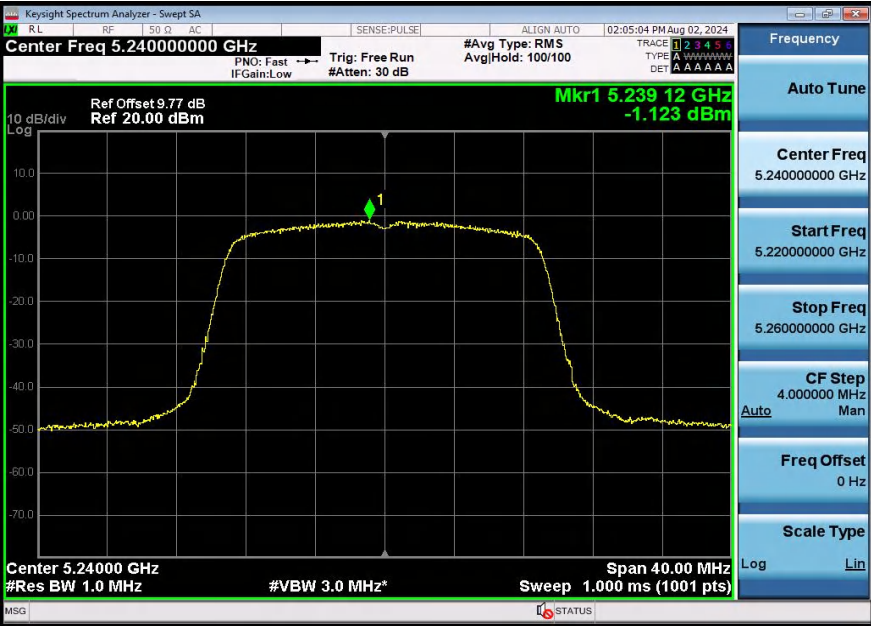
11A-Ant2-5825-PASS



11N20SISO-Ant2-5180-PASS



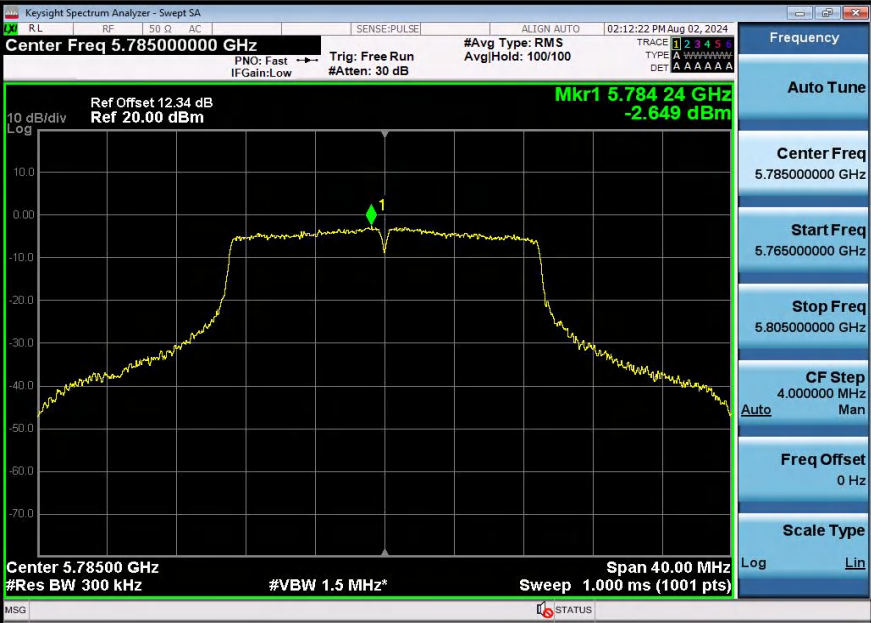
11N20SISO-Ant2-5200-PASS



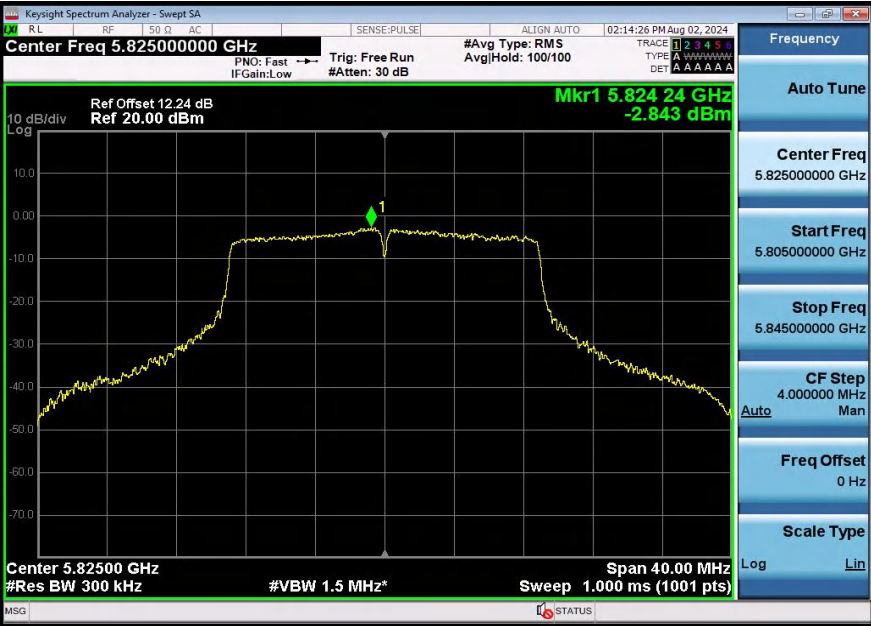
11N20SISO-Ant2-5240-PASS



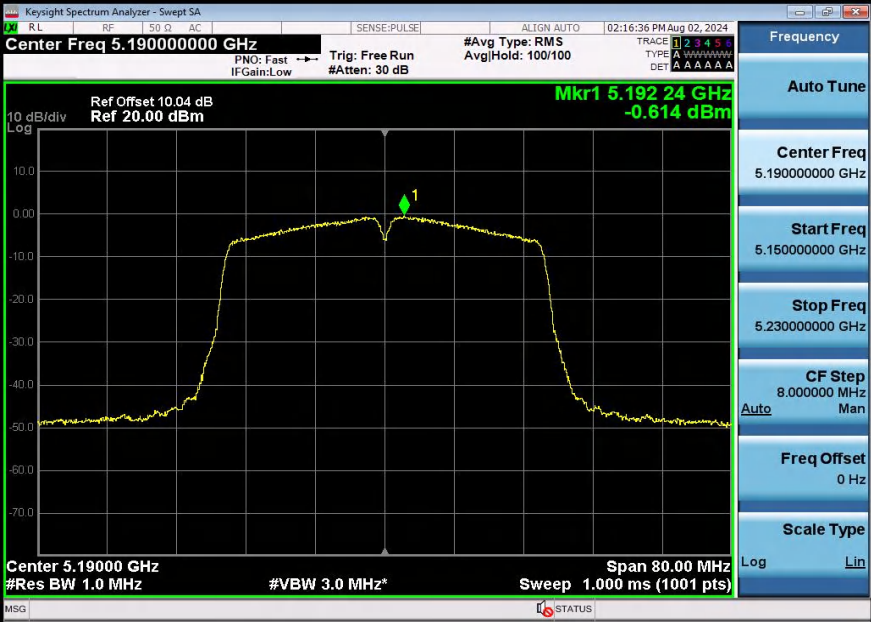
11N20SISO-Ant2-5745-PASS



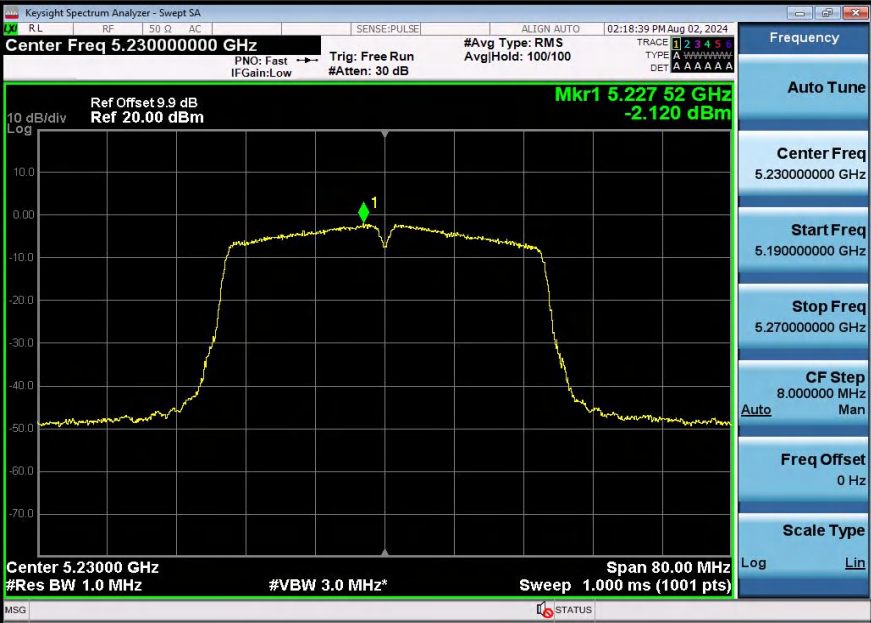
11N20SISO-Ant2-5785-PASS



11N20SISO-Ant2-5825-PASS



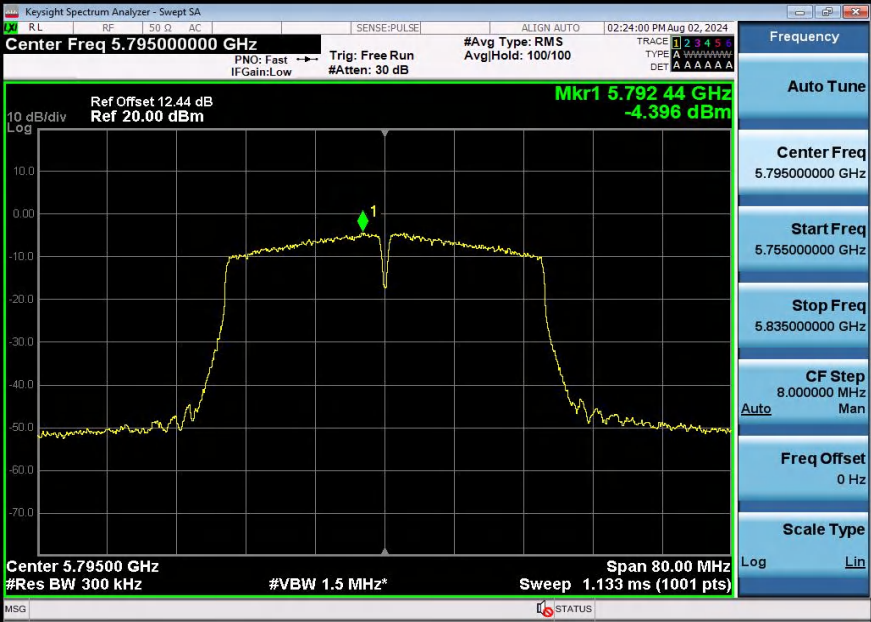
11N40SISO-Ant2-5190-PASS



11N40SISO-Ant2-5230-PASS



11N40SISO-Ant2-5755-PASS



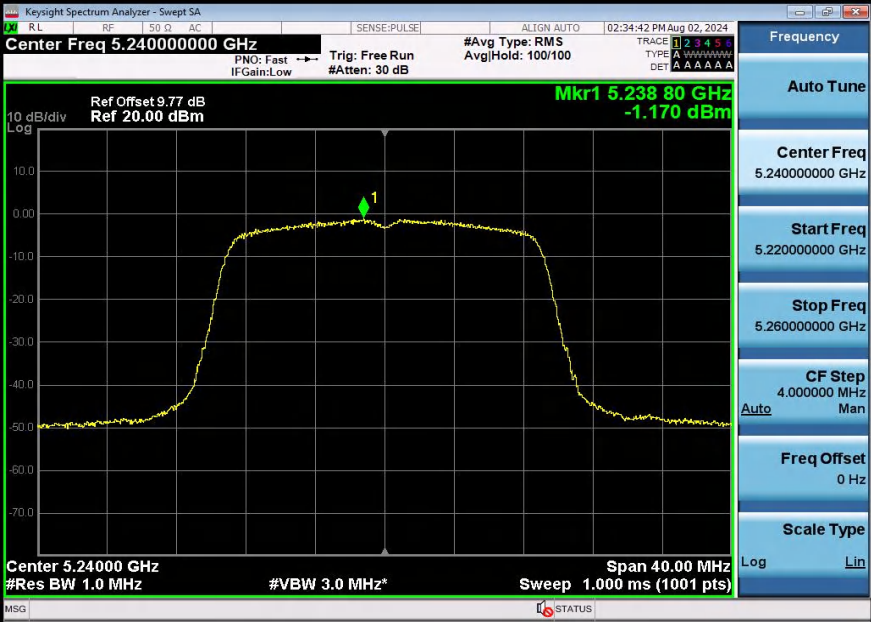
11N40SISO-Ant2-5795-PASS



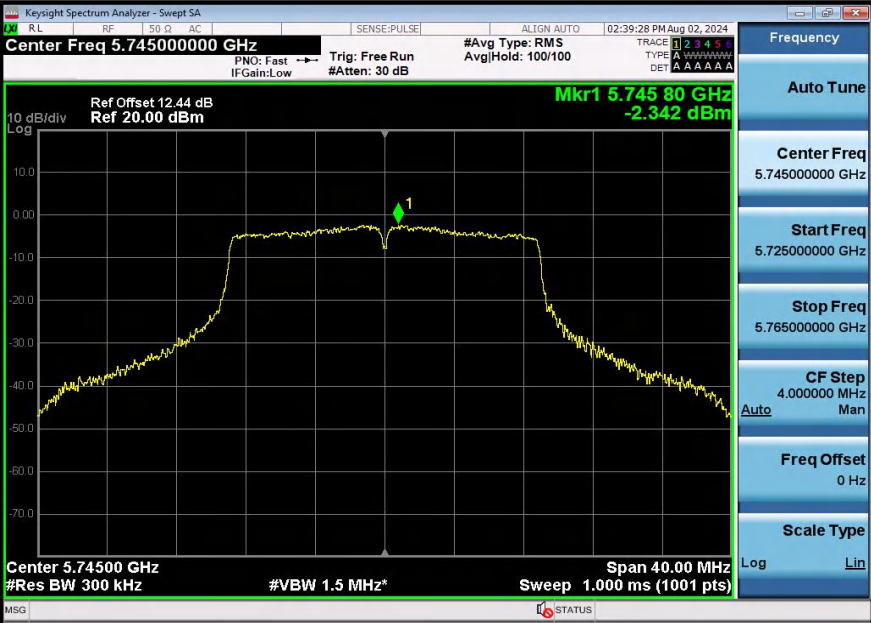
11AC20SISO-Ant2-5180-PASS



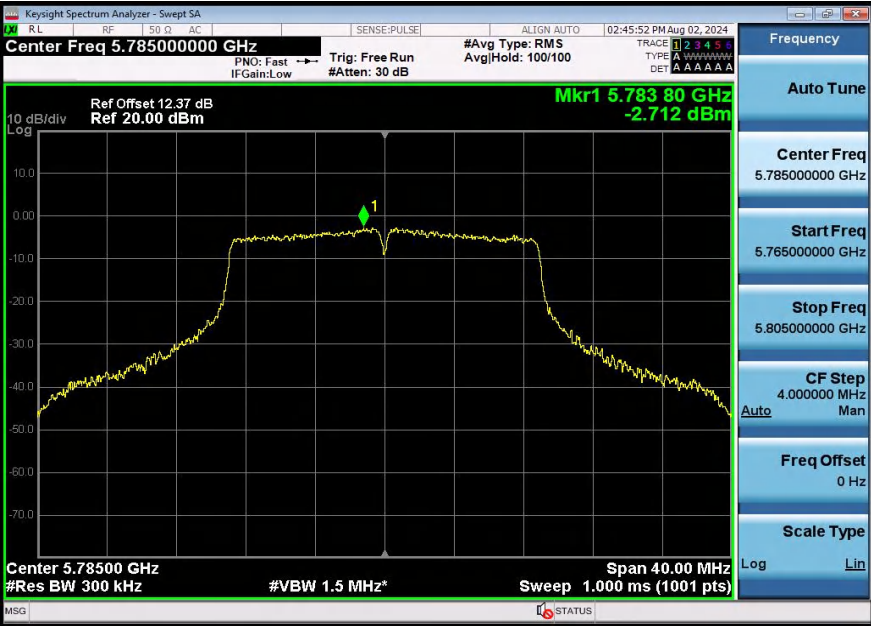
11AC20SISO-Ant2-5200-PASS



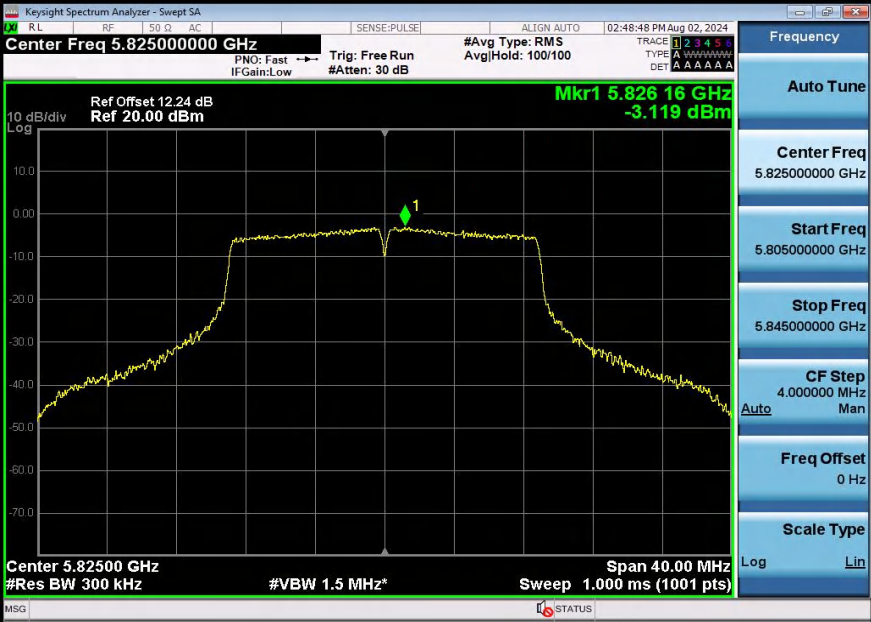
11AC20SISO-Ant2-5240-PASS



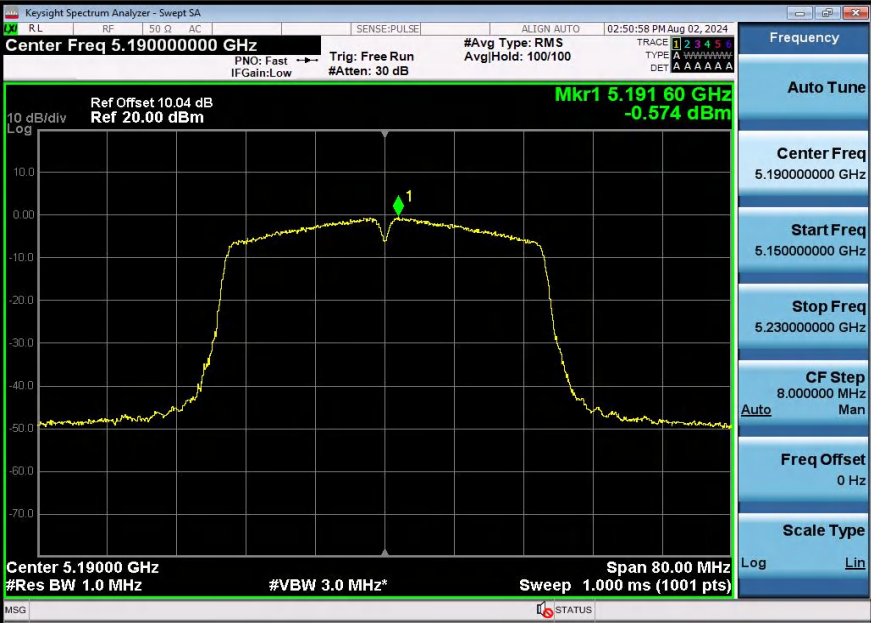
11AC20SISO-Ant2-5745-PASS



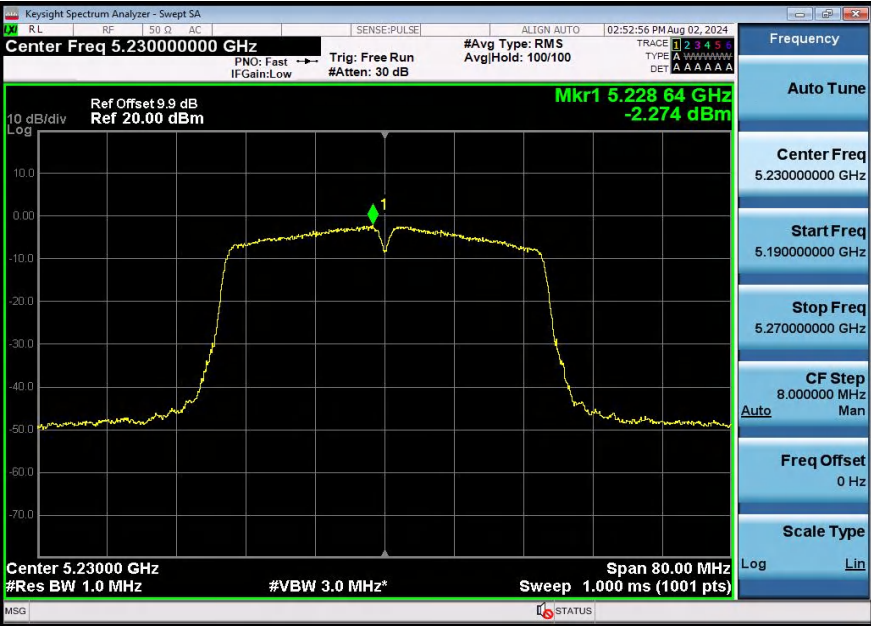
11AC20SISO-Ant2-5785-PASS



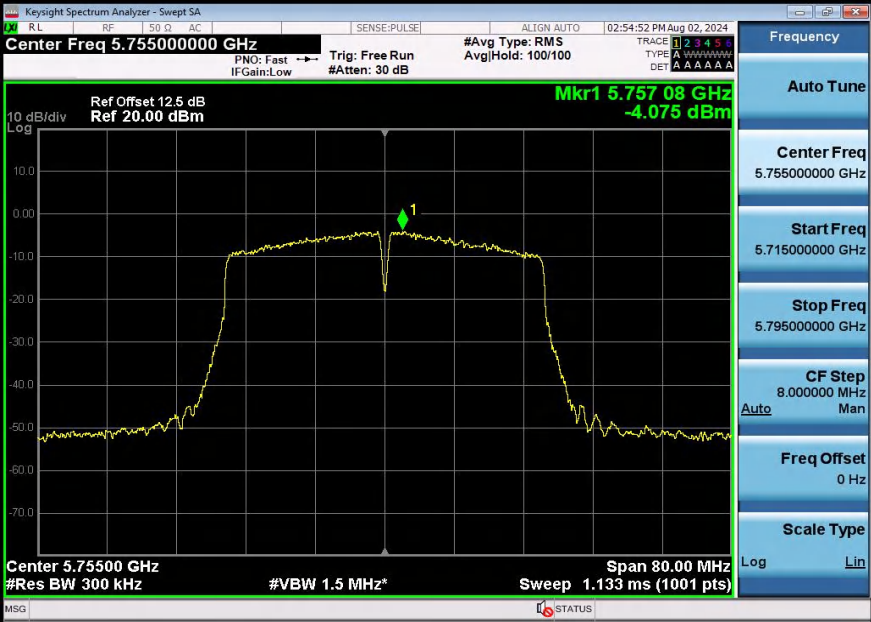
11AC20SISO-Ant2-5825-PASS



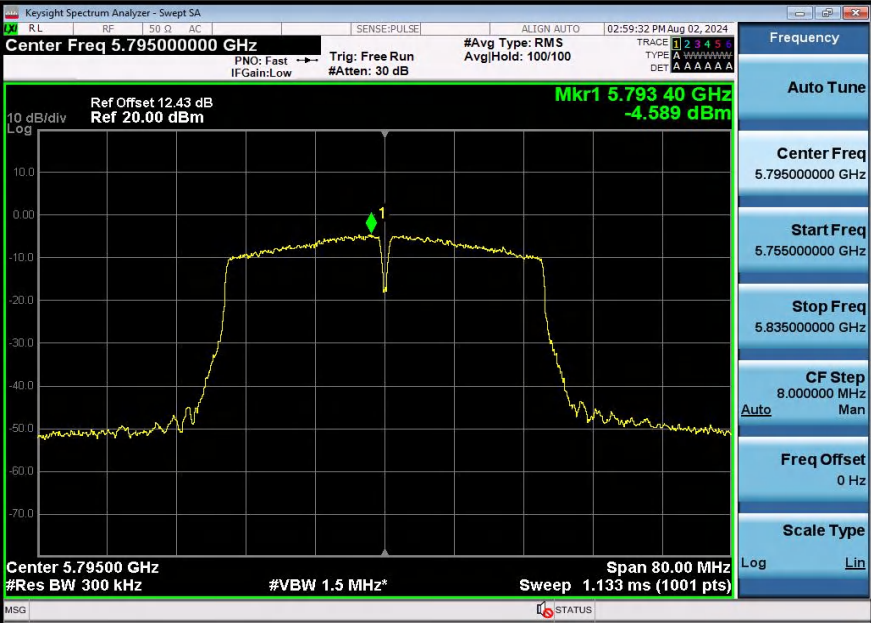
11AC40SISO-Ant2-5190-PASS



11AC40SISO-Ant2-5230-PASS



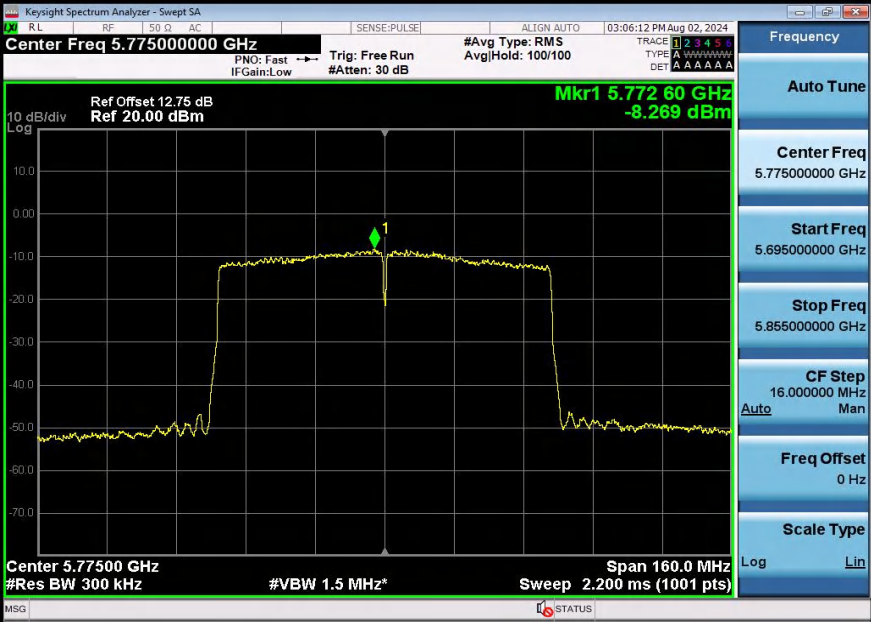
11AC40SISO-Ant2-5755-PASS



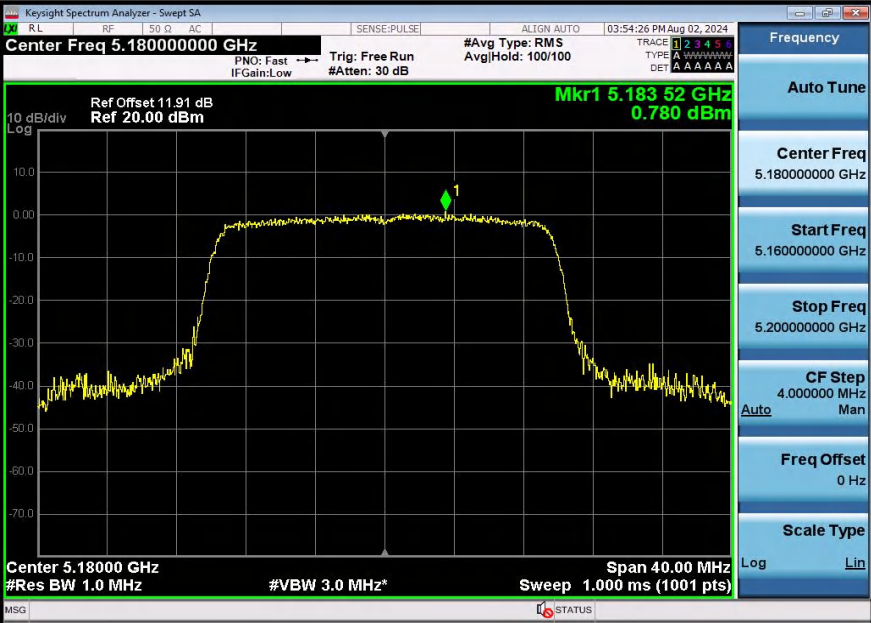
11AC40SISO-Ant2-5795-PASS



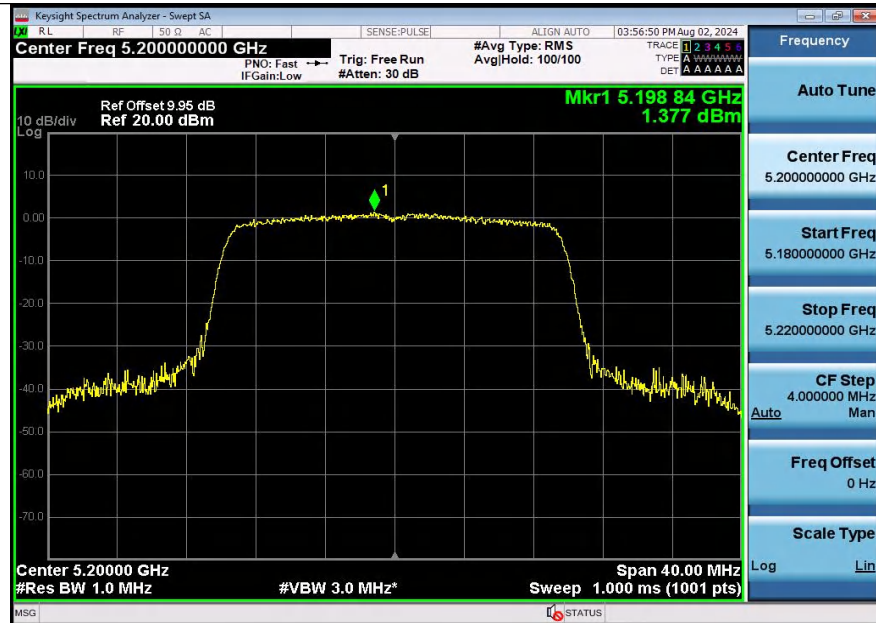
11AC80SISO-Ant2-5210-PASS



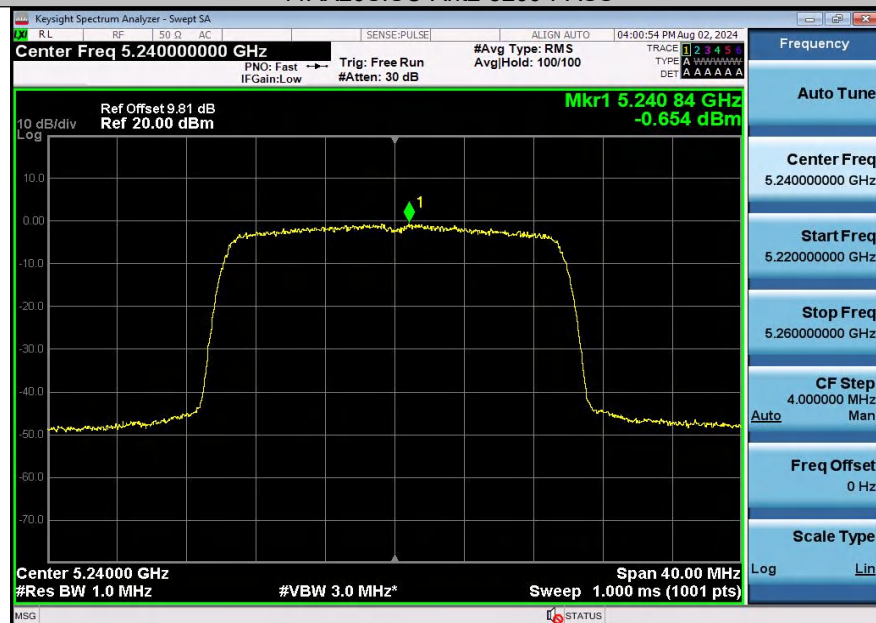
11AC80SISO-Ant2-5775-PASS



11AX20SISO-Ant2-5180-PASS



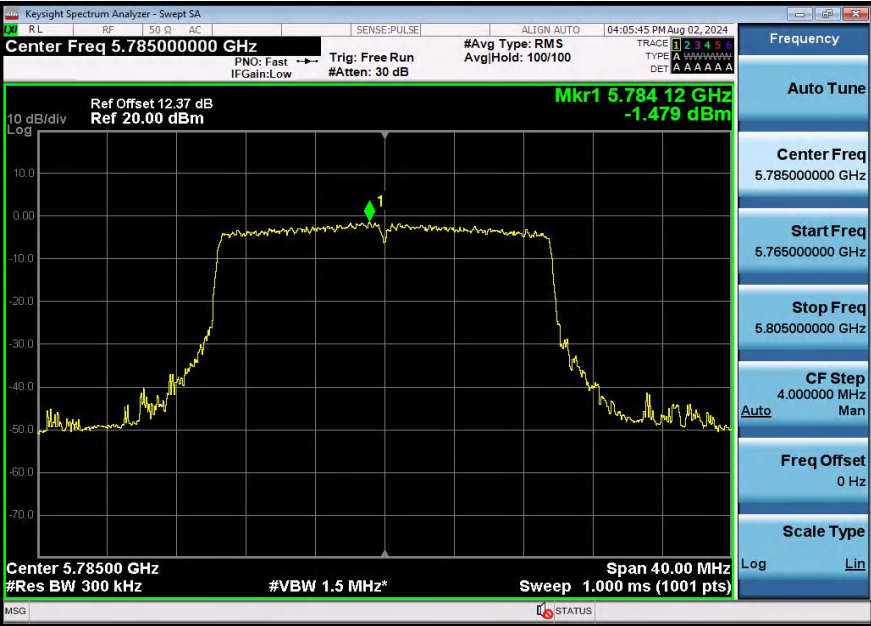
11AX20SISO-Ant2-5200-PASS



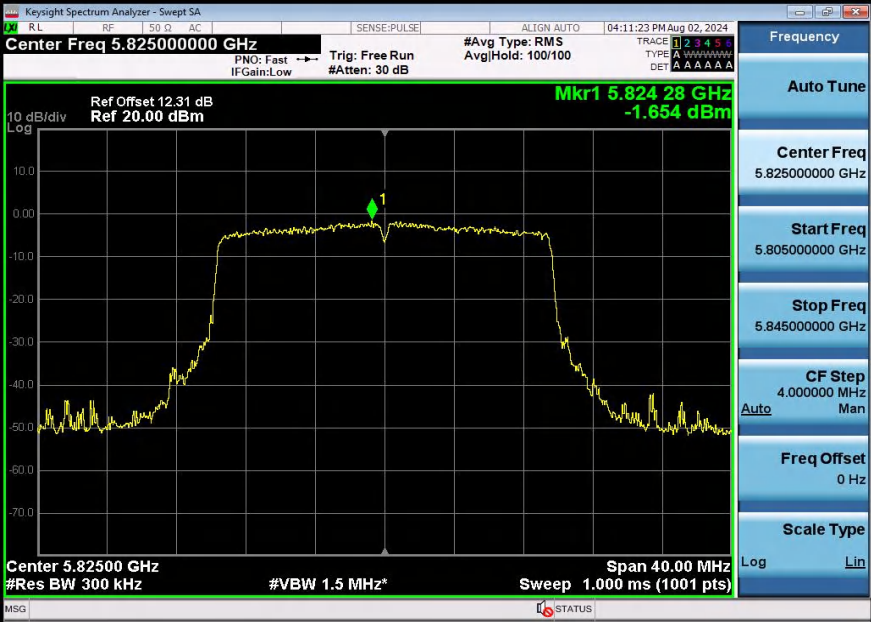
11AX20SISO-Ant2-5240-PASS



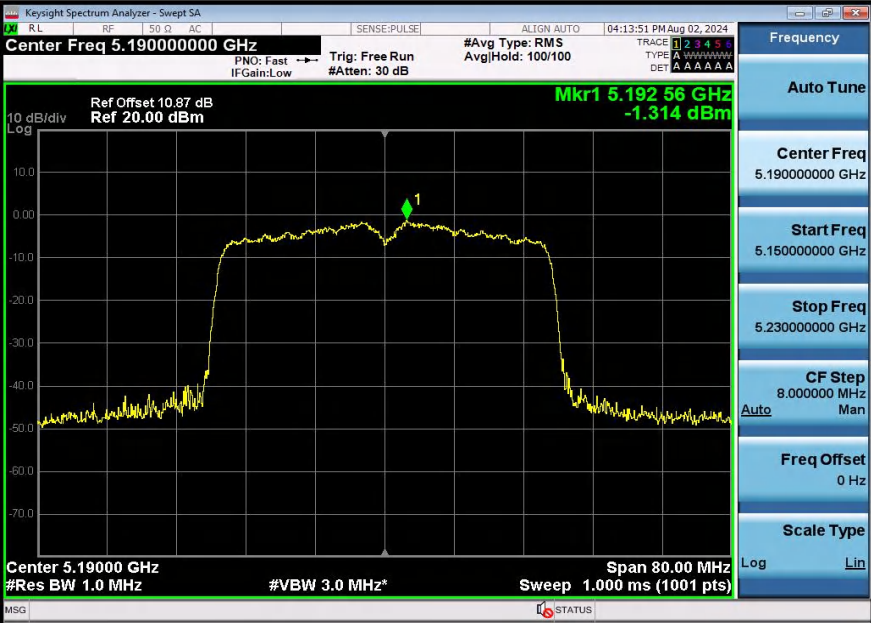
11AX20SISO-Ant2-5745-PASS



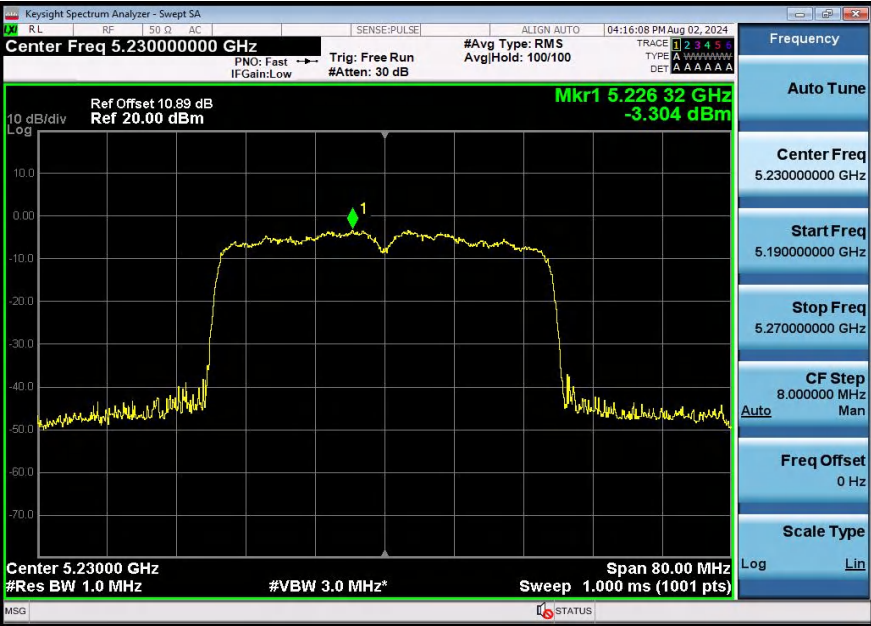
11AX20SISO-Ant2-5785-PASS



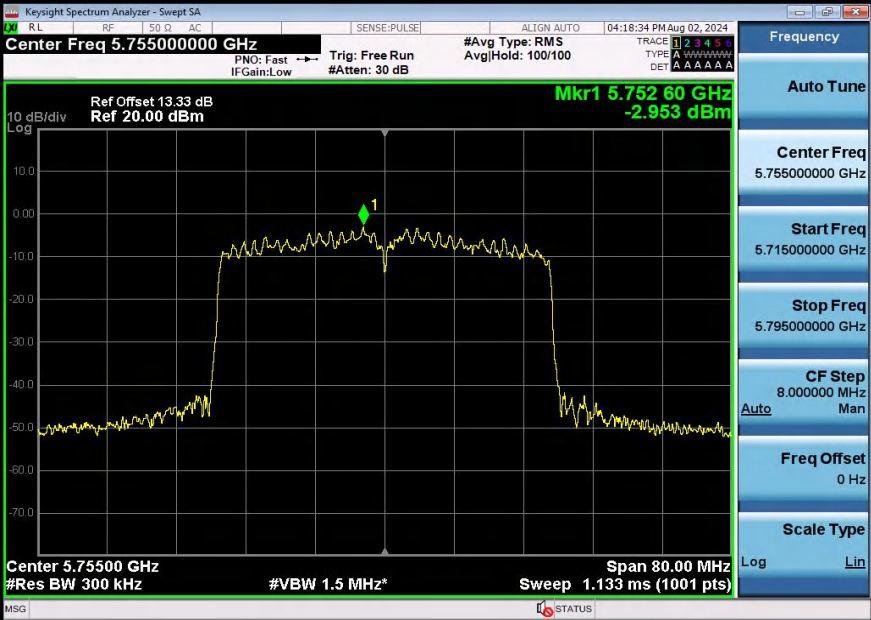
11AX20SISO-Ant2-5825-PASS



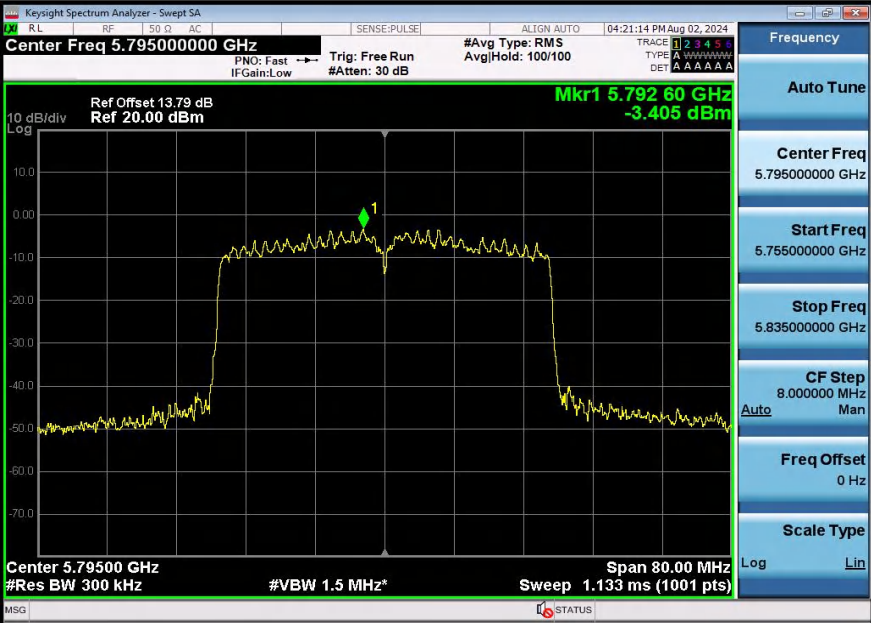
11AX40SISO-Ant2-5190-PASS



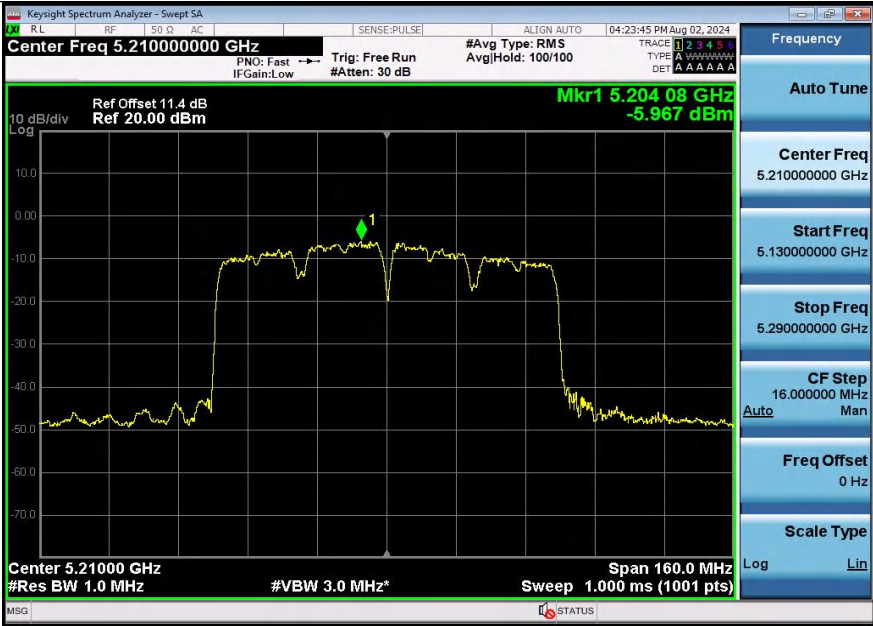
11AX40SISO-Ant2-5230-PASS



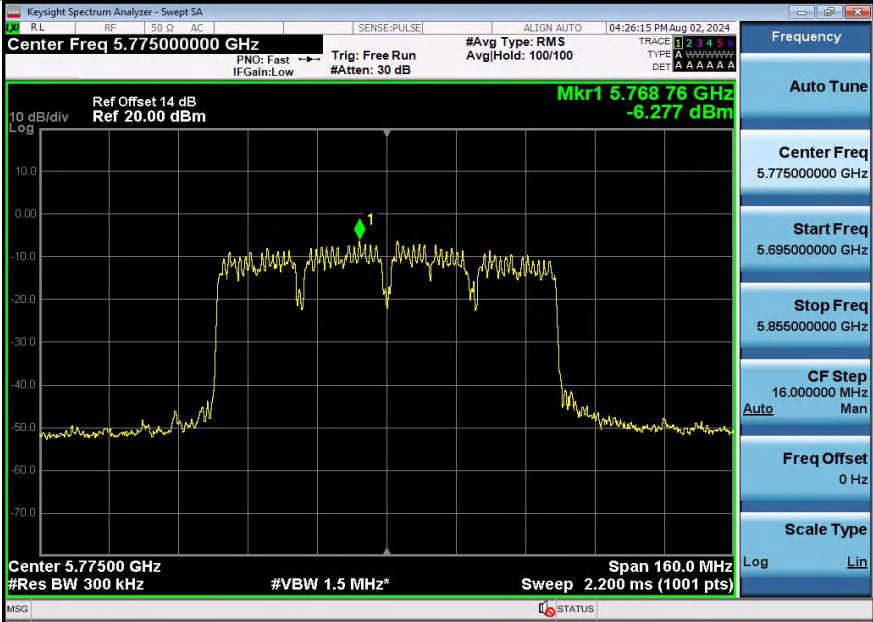
11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5210-PASS



11AX80SISO-Ant2-5775-PASS

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	24.920	N/A	Pass
		40	25.400		
		48	19.760		
802.11n HT20	U-NII 1	36	25.720		
		40	26.120		
		48	20.160		
802.11n HT40	U-NII 1	38	39.840		
		46	39.760		
802.11ac VHT20	U-NII 1	36	25.640		
		40	25.240		
		48	20.280		
802.11ac VHT40	U-NII 1	38	40.000		
		46	39.440		
802.11ac VHT80	U-NII 1	42	80.160		
802.11ax HE20	U-NII 1	36	21.400		
		40	21.400		
		48	19.880		
802.11ax HE40	U-NII 1	38	39.200		
		46	39.840		
802.11ax HE80	U-NII 1	42	82.560		

Ant 2

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	24.400	N/A	Pass
		40	24.960		
		48	19.680		
802.11n HT20	U-NII 1	36	25.360		
		40	25.920		
		48	20.080		
802.11n HT40	U-NII 1	38	39.680		
		46	39.920		
802.11ac VHT20	U-NII 1	36	26.480		
		40	25.400		
		48	20.280		
802.11ac VHT40	U-NII 1	38	39.600		
		46	39.920		
802.11ac VHT80	U-NII 1	42	79.680		
802.11ax HE20	U-NII 1	36	21.320		
		40	22.880		
		48	19.920		
802.11ax HE40	U-NII 1	38	39.600		
		46	40.640		
802.11ax HE80	U-NII 1	42	80.320		

Test plot as follows:

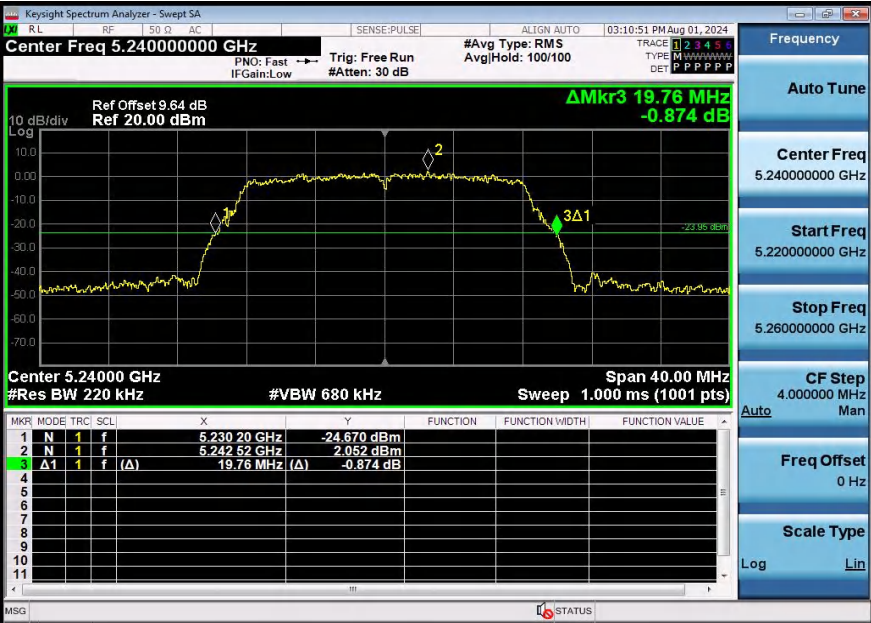
Ant 1



11A-Ant1-5180



11A-Ant1-5200



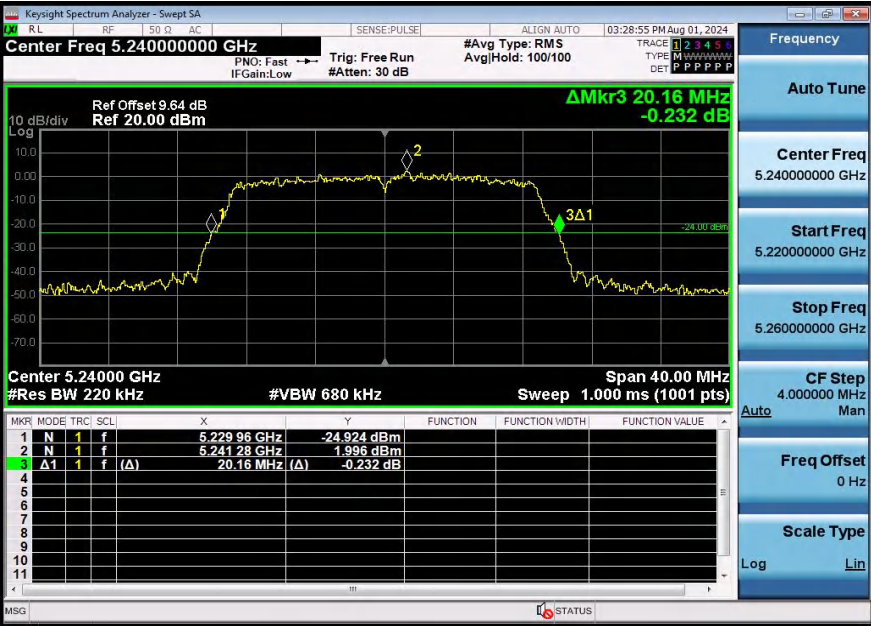
11A-Ant1-5240



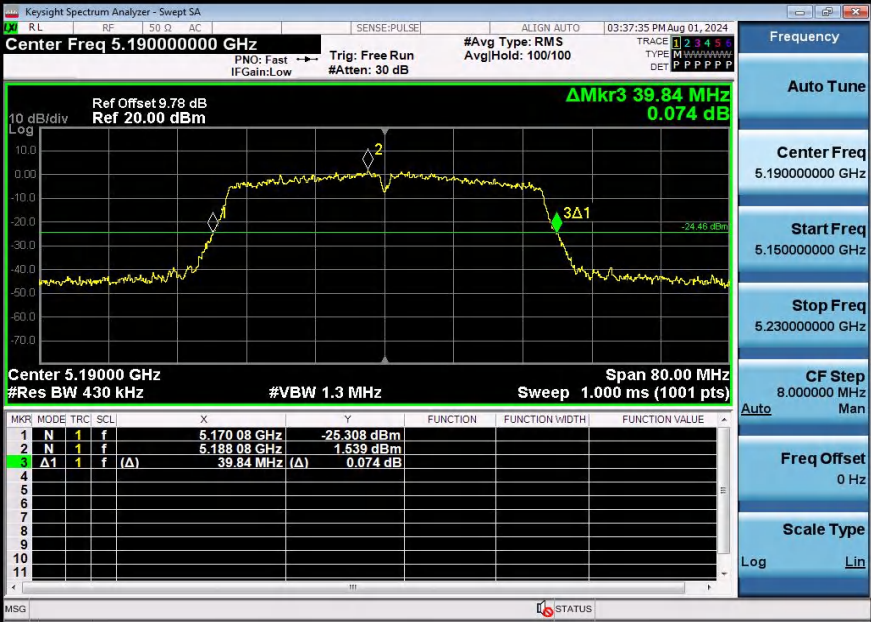
11N20SISO-Ant1-5180



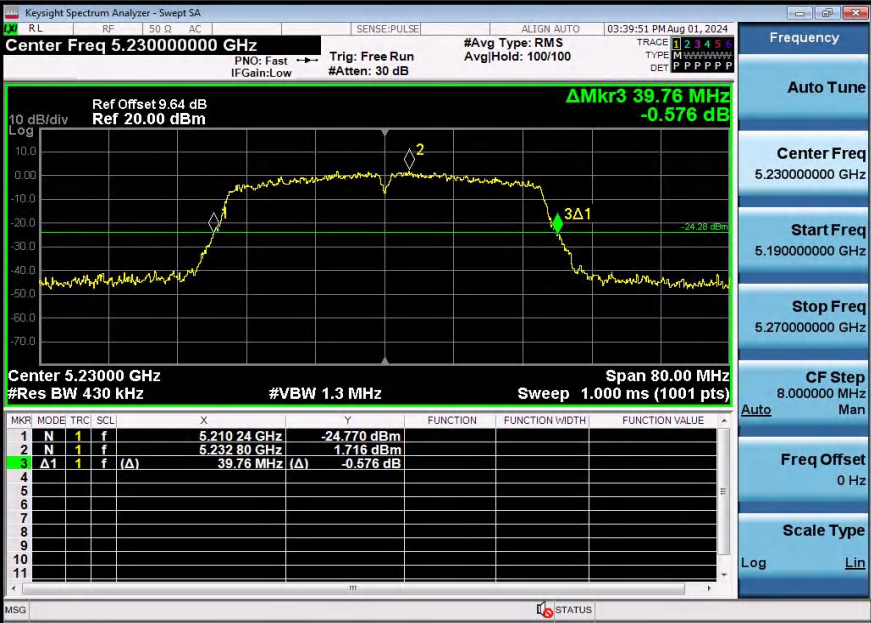
11N20SISO-Ant1-5200



11N20SISO-Ant1-5240



11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240