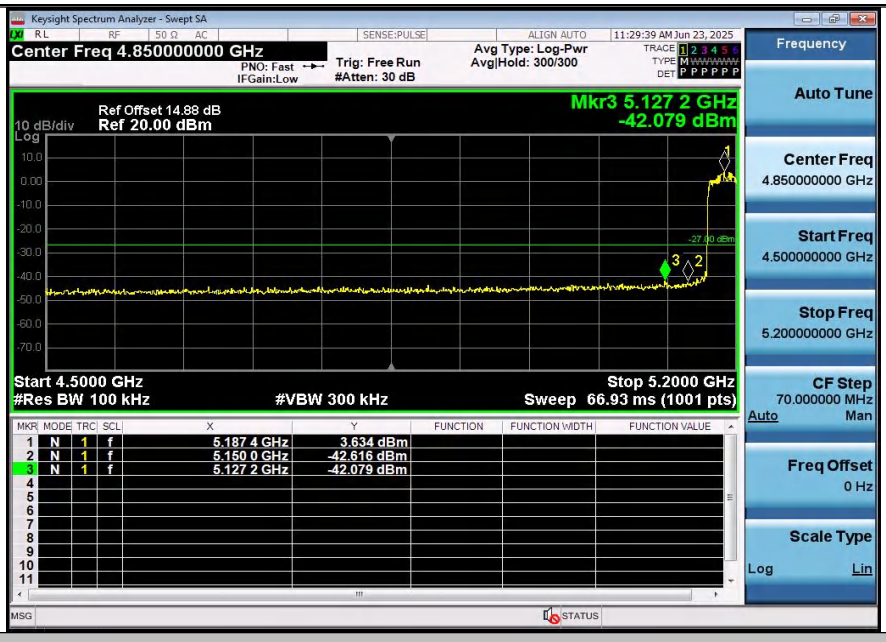
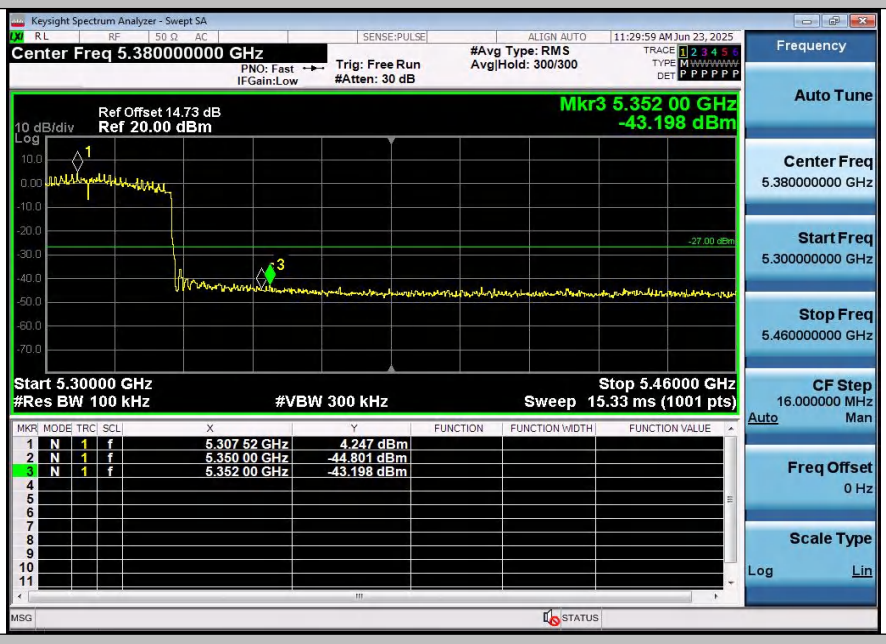
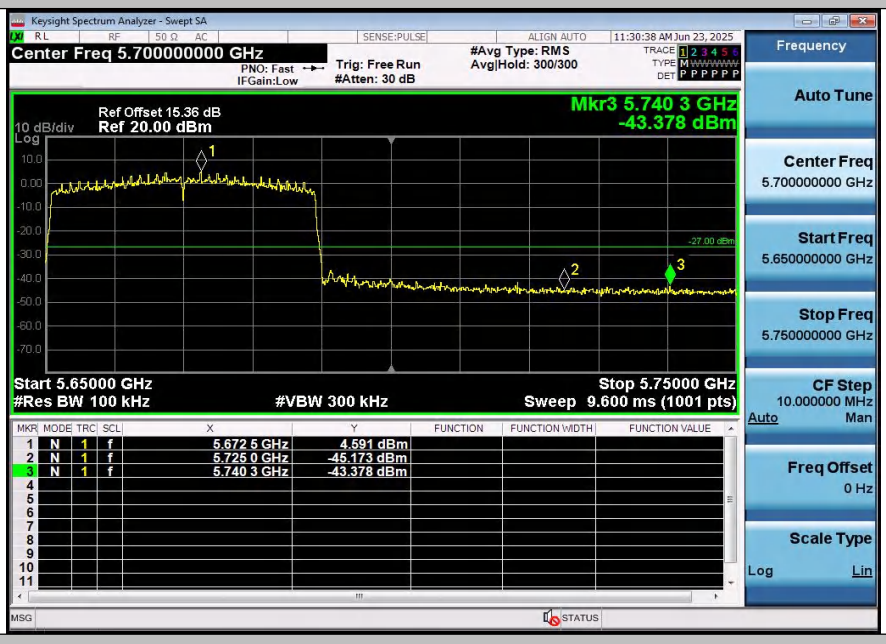


11AX40SISO-Ant2-5190-PASS

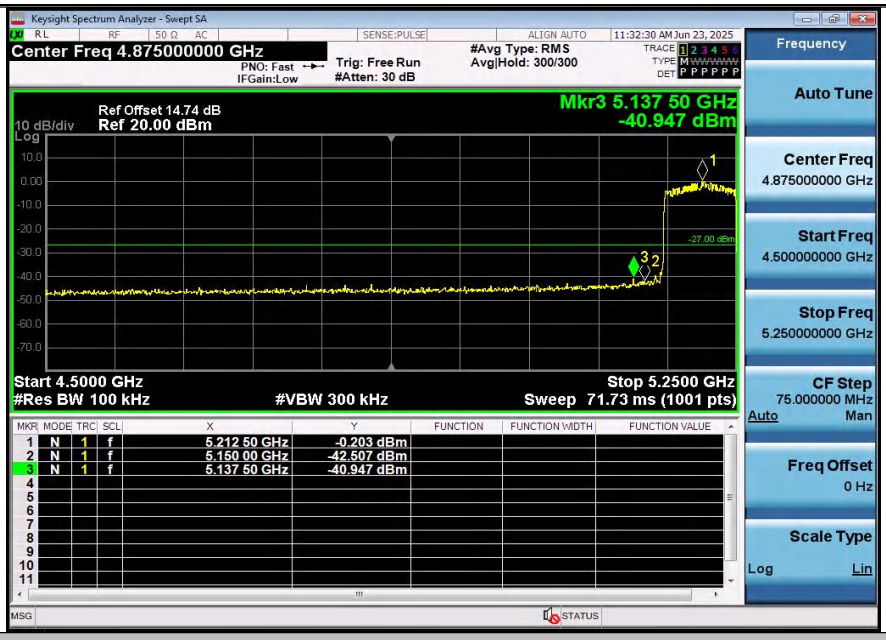


11AX40SISO-Ant2-5310-PASS

11AX40SISO-Ant2-5510-PASS



11AX40SISO-Ant2-5670-PASS



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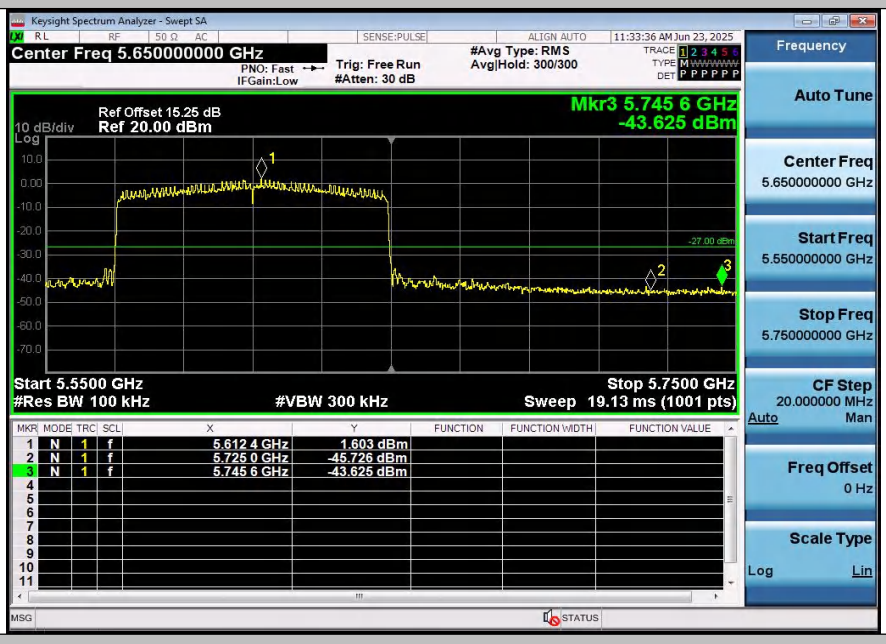
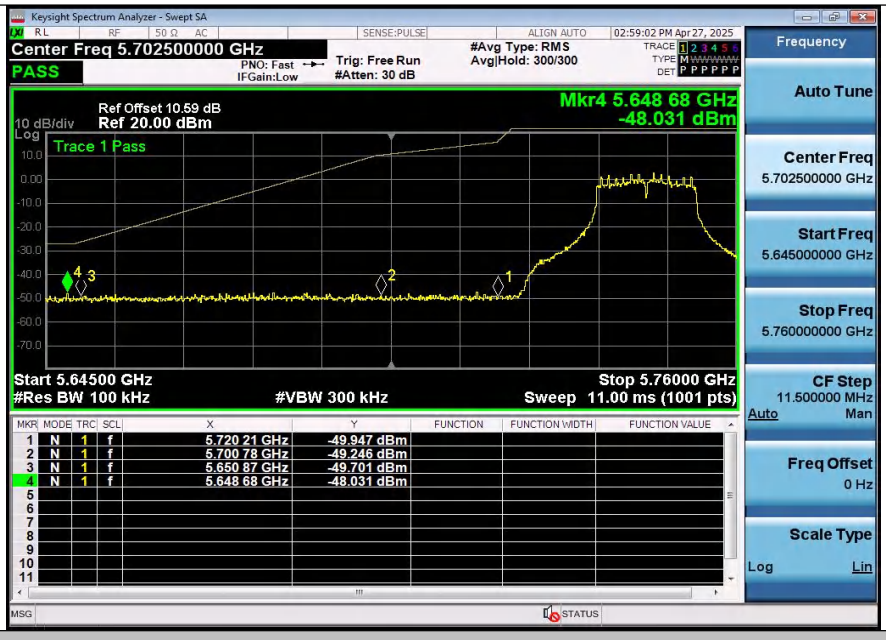
11AX80SISO-Ant2-5290-PASS

11AX80SISO-Ant2-5530-PASS

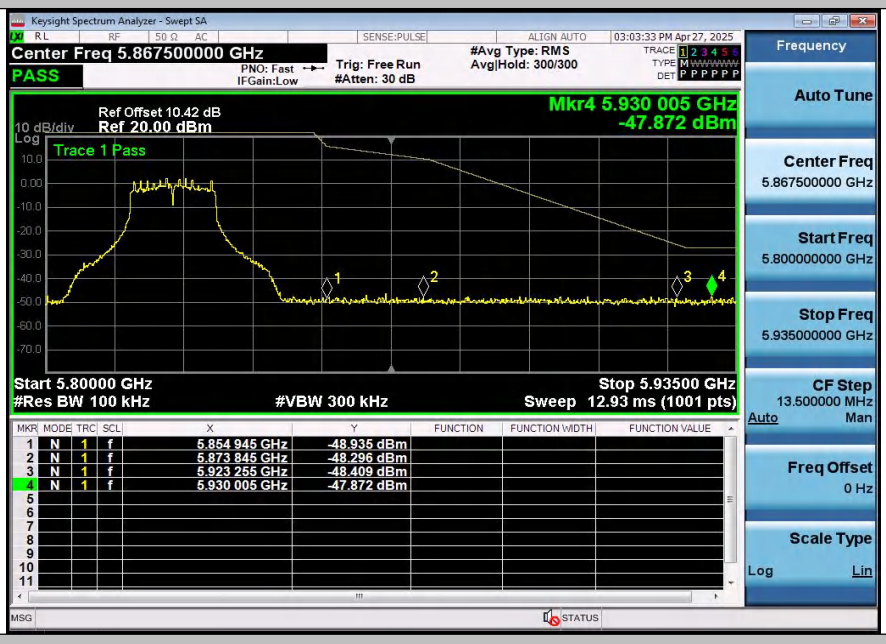


11AX80SISO-Ant2-5610-PASS

Test Graphs B4



11A-Ant2-5745-PASS



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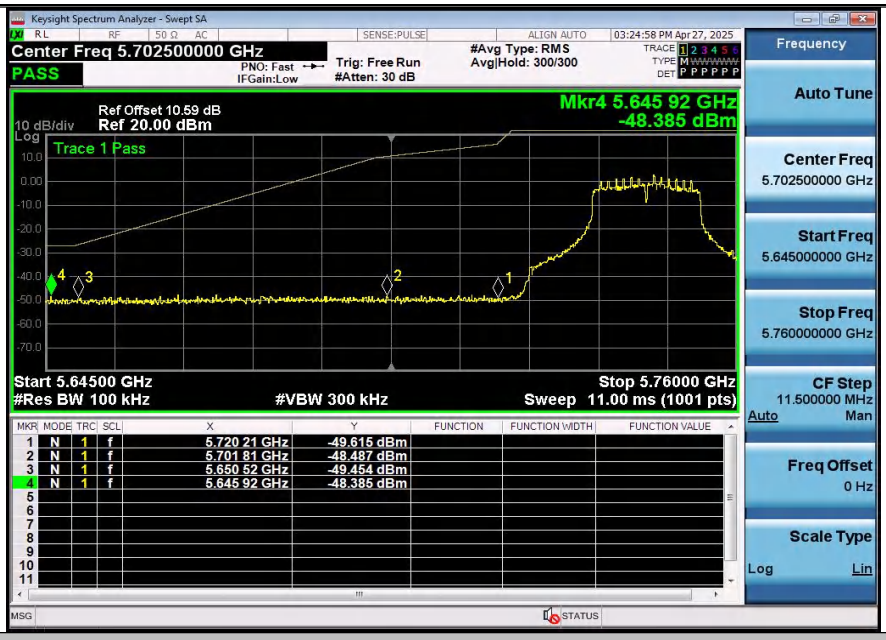

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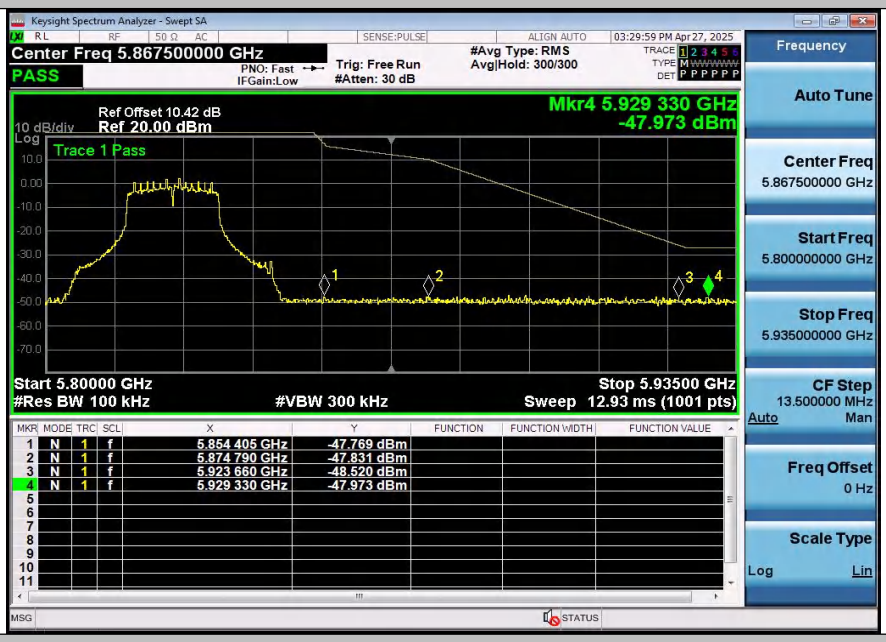
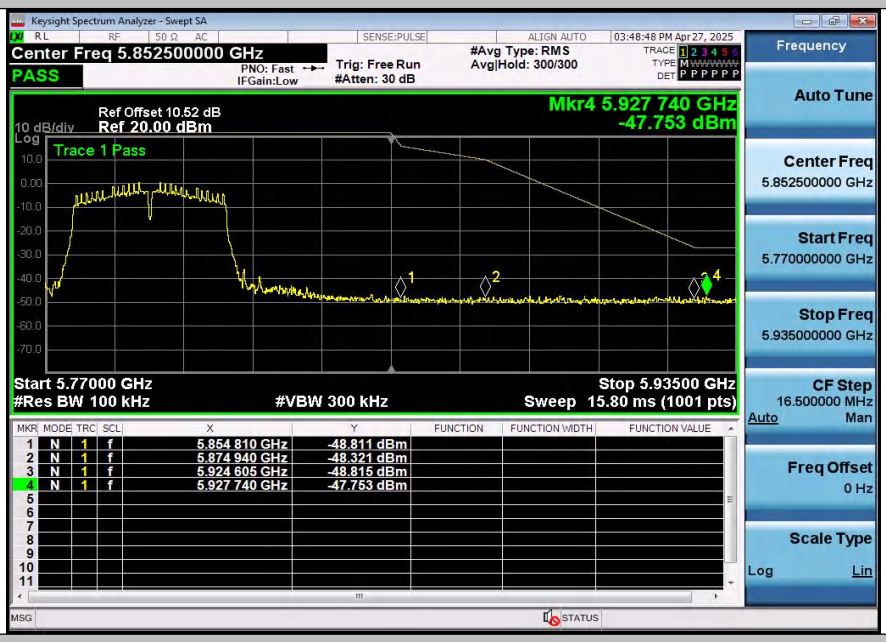


11N20SISO-Ant2-5825-PASS

11N40SISO-Ant2-5755-PASS



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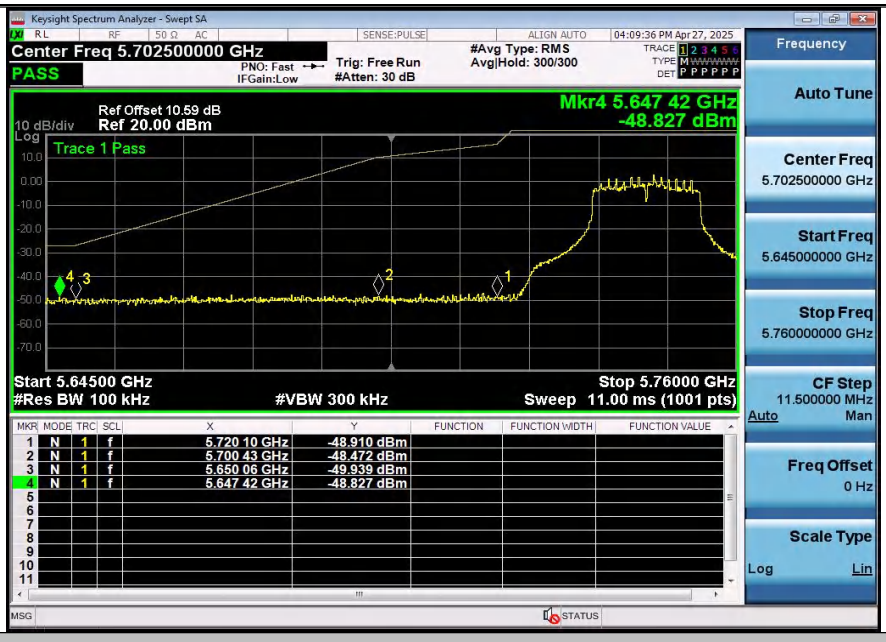

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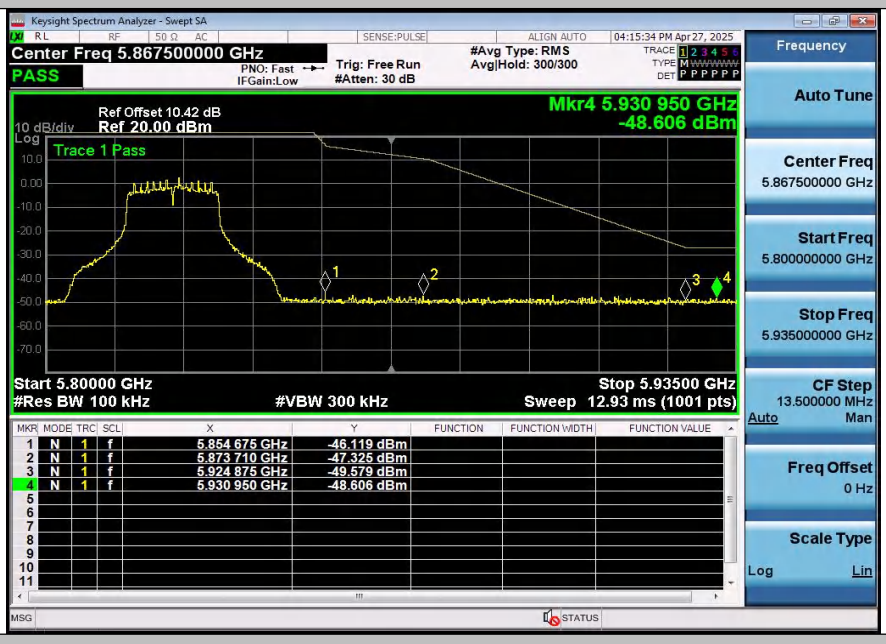

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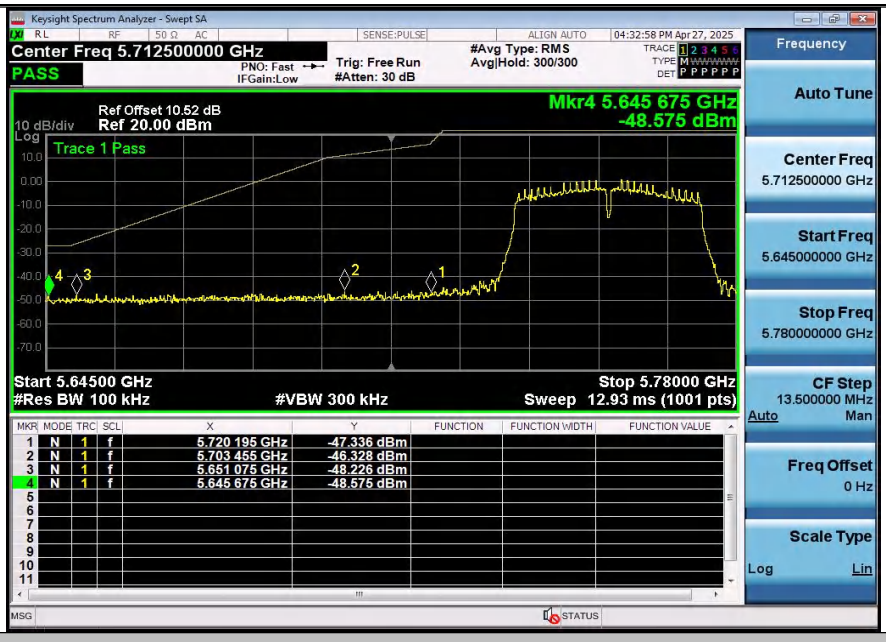
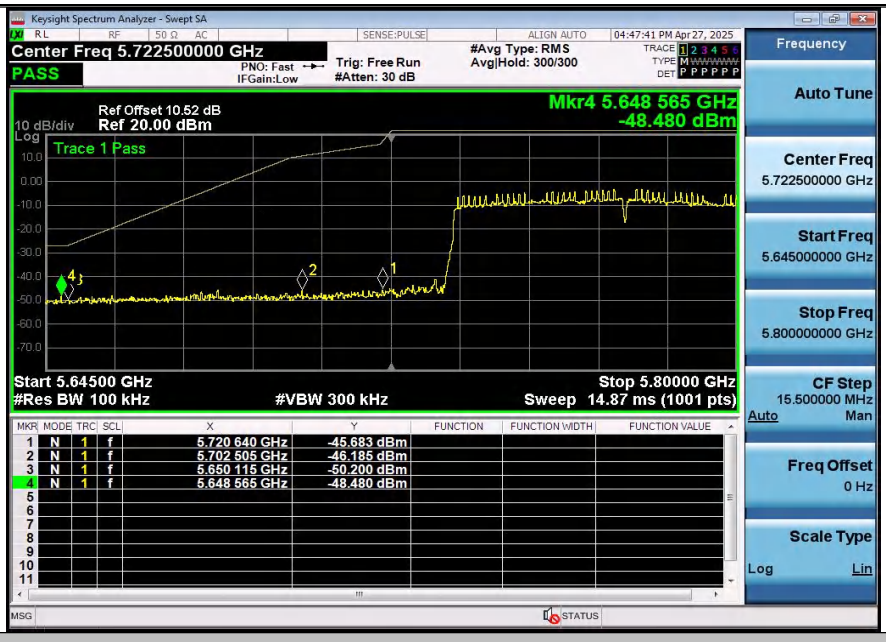


11AC40SISO-Ant2-5755-PASS

11AC40SISO-Ant2-5795-PASS



11AC80SISO-Ant2-5775-PASS

11AC80SISO-Ant2-5775-PASS

11AX20SISO-Ant2-5745-PASS

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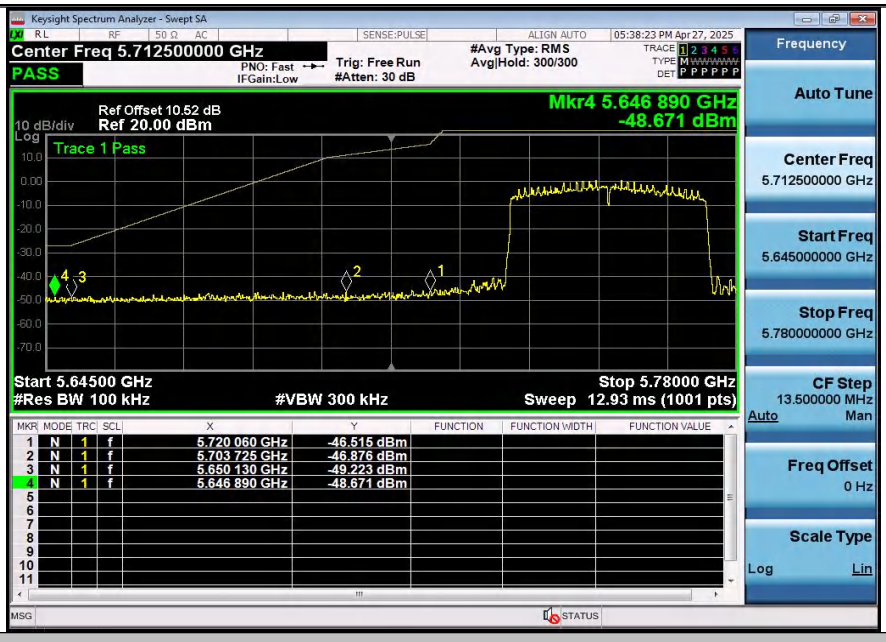

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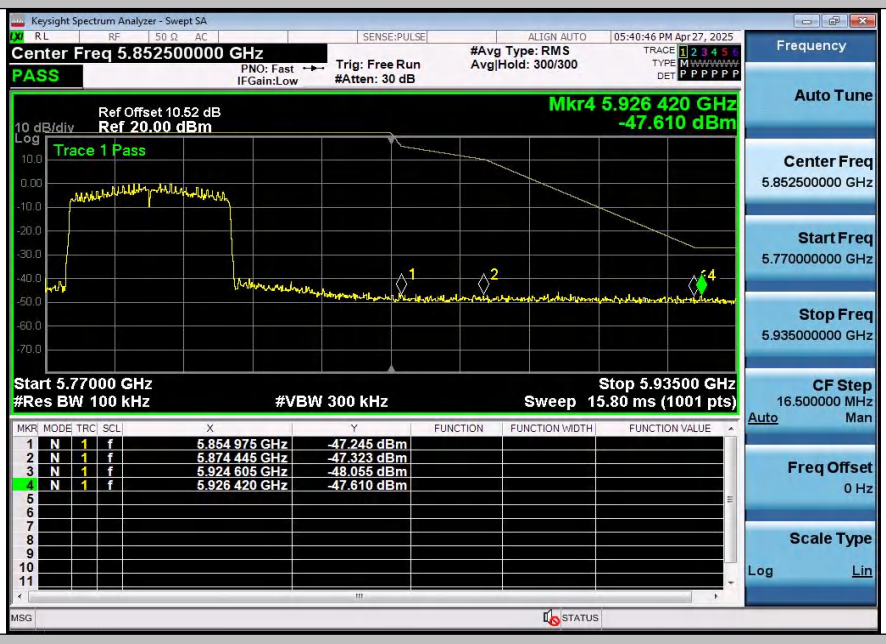

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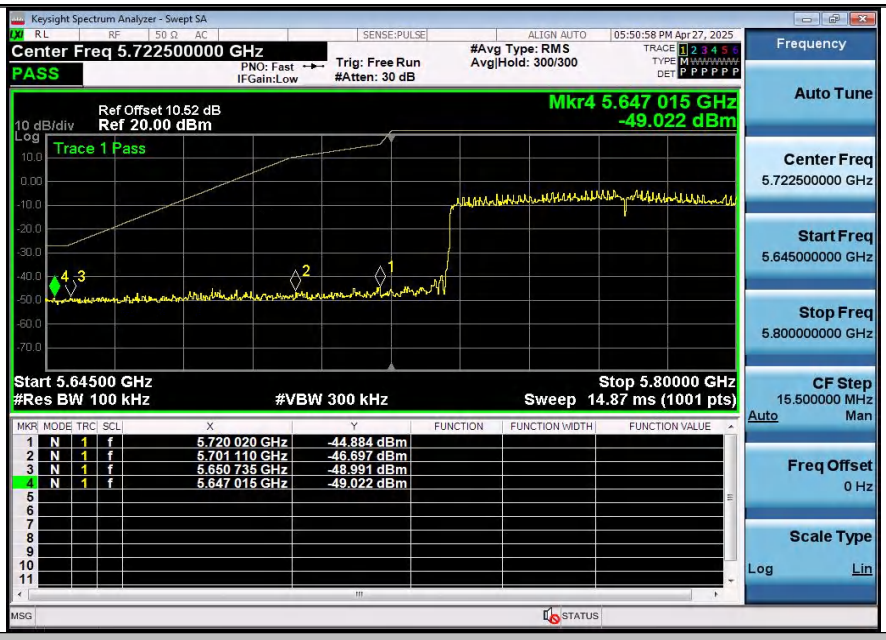
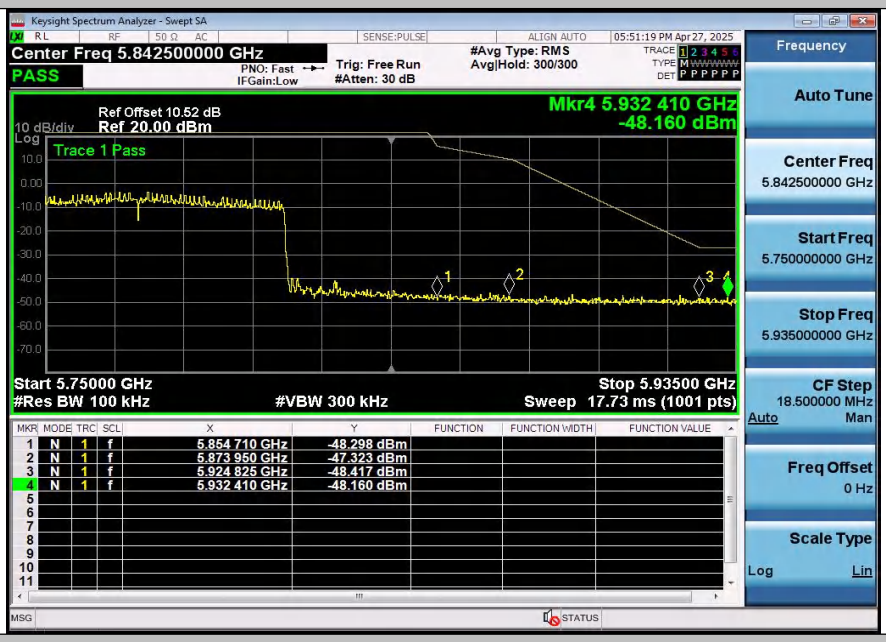


11AX80SISO-Ant2-5775-PASS



11AX80SISO-Ant2-5775-PASS

Appendix G: Frequency Stability

Test Result

Ant 1

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	124.634	0.02406	Within the band of operation	Pass
	-20	132.780	0.02563		
	-10	111.642	0.02155		
	0	119.030	0.02298		
	10	171.661	0.03314		
	20	113.265	0.02187		
	30	158.272	0.03055		
	40	156.806	0.03027		
	50	173.359	0.03347		
26.4	20	157.942	0.03049		
21.6	20	127.244	0.02456		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	130.727	0.02485	Within the band of operation	Pass
	-20	133.614	0.02540		
	-10	126.109	0.02398		
	0	149.954	0.02851		
	10	131.577	0.02501		
	20	170.168	0.03235		
	30	151.175	0.02874		

	40	120.191	0.02285		
	50	139.319	0.02649		
26.4	20	141.279	0.02686		
21.6	20	167.871	0.03191		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	171.125	0.03111	Within the band of operation	Pass
	-20	151.594	0.02756		
	-10	121.887	0.02216		
	0	130.683	0.02376		
	10	175.497	0.03191		
	20	176.563	0.03210		
	30	112.985	0.02054		
	40	130.425	0.02371		
	50	165.489	0.03009		
26.4	20	153.374	0.02789		
21.6	20	126.653	0.02303		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	154.450	0.02688	Within the band of operation	Pass
	-20	146.726	0.02554		
	-10	130.196	0.02266		
	0	126.702	0.02205		
	10	115.803	0.02016		
	20	149.335	0.02599		
	30	163.012	0.02837		

	40	154.202	0.02684		
	50	143.782	0.02503		
26.4	20	169.308	0.02947		
21.6	20	178.155	0.03101		

Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	133.664	0.02580	Within the band of operation	Pass
	-20	133.526	0.02578		
	-10	142.929	0.02759		
	0	132.202	0.02552		
	10	113.322	0.02188		
	20	139.375	0.02691		
	30	169.219	0.03267		
	40	123.748	0.02389		
	50	154.930	0.02991		
26.4	20	166.945	0.03223		
21.6	20	145.065	0.02800		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	158.006	0.03004	Within the band of operation	Pass
	-20	113.213	0.02152		
	-10	179.163	0.03406		
	0	150.417	0.02860		

	10	133.081	0.02530		
	20	138.800	0.02639		
	30	118.174	0.02247		
	40	163.615	0.03111		
	50	133.907	0.02546		
26.4	20	150.941	0.02870		
21.6	20	124.860	0.02374		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	166.274	0.03023	Within the band of operation	Pass
	-20	128.084	0.02329		
	-10	125.564	0.02283		
	0	153.034	0.02782		
	10	111.381	0.02025		
	20	143.041	0.02601		
	30	176.632	0.03211		
	40	129.982	0.02363		
	50	168.617	0.03066		
26.4	20	141.875	0.02580		
21.6	20	123.972	0.02254		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
24.0	-30	127.773	0.02224	Within the band of	Pass
	-20	156.749	0.02728		

	-10	177.001	0.03081	operation	
	0	171.236	0.02981		
	10	135.061	0.02351		
	20	167.153	0.02910		
	30	142.533	0.02481		
	40	146.254	0.02546		
	50	139.184	0.02423		
26.4	20	137.716	0.02397		
21.6	20	119.254	0.02076		