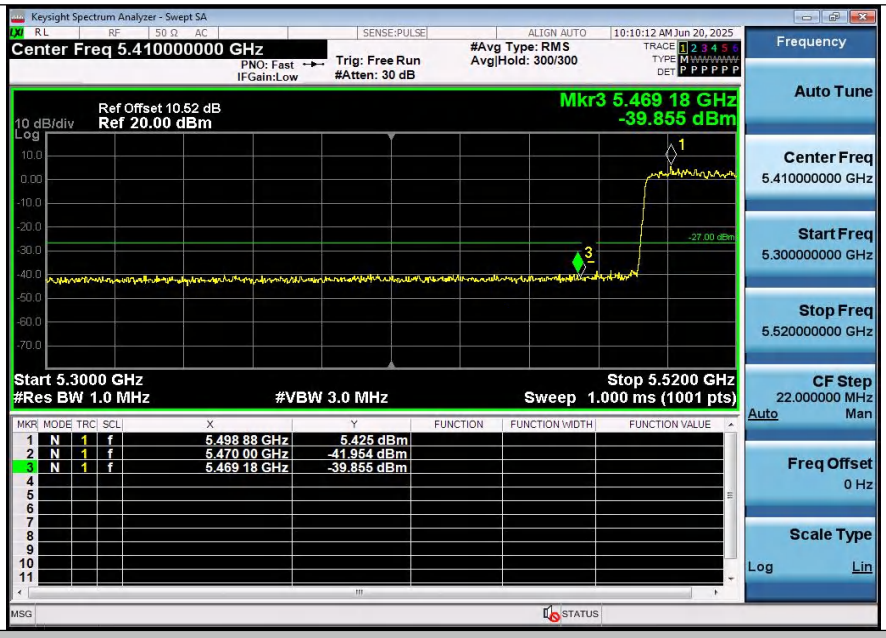
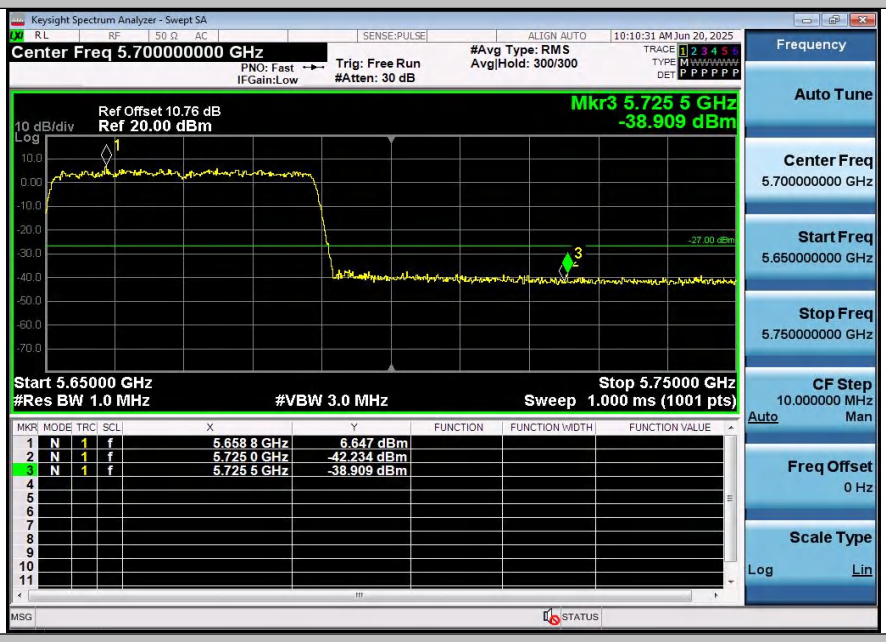
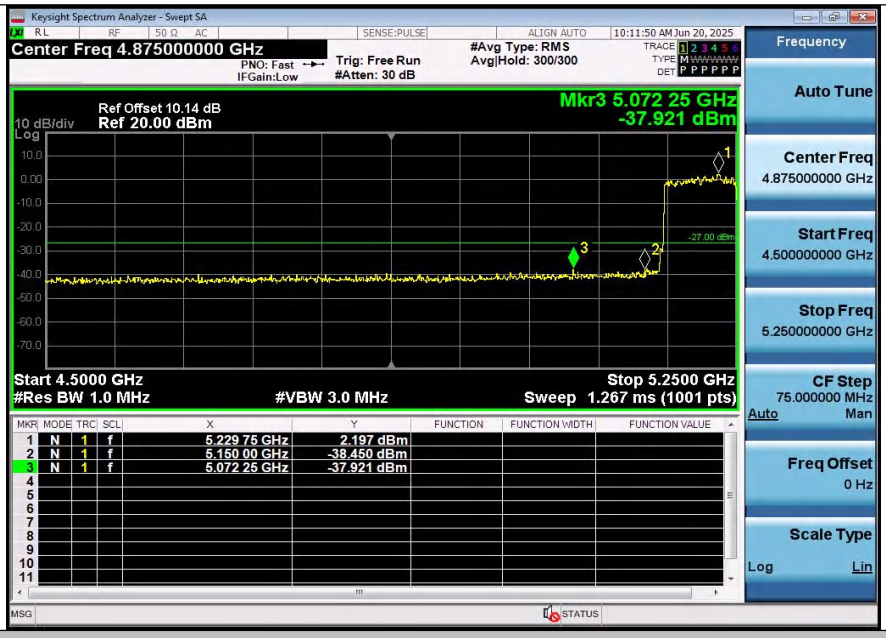


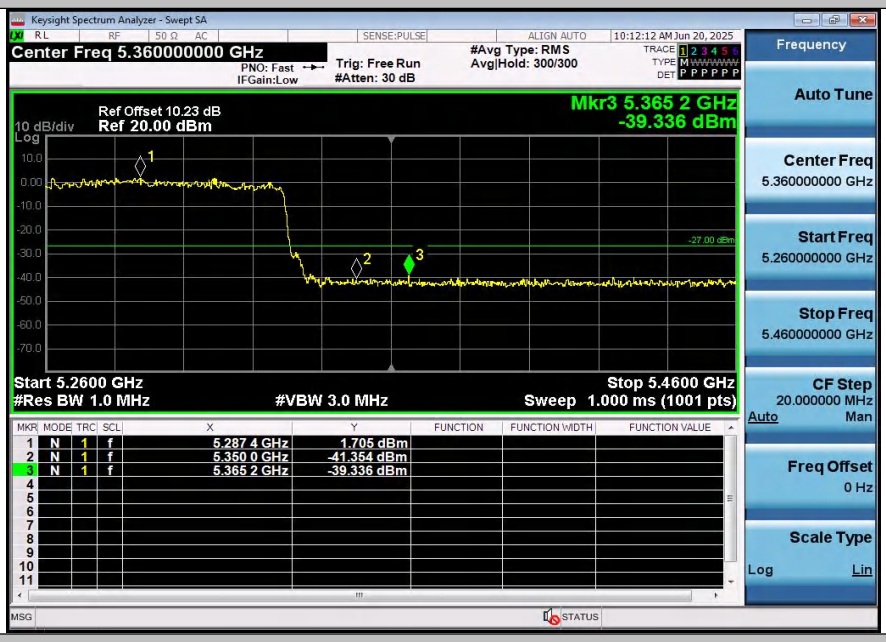
11AX40SISO-Ant2-5510-PASS



11AX40SISO-Ant2-5670-PASS



11AX80SISO-Ant2-5210-PASS



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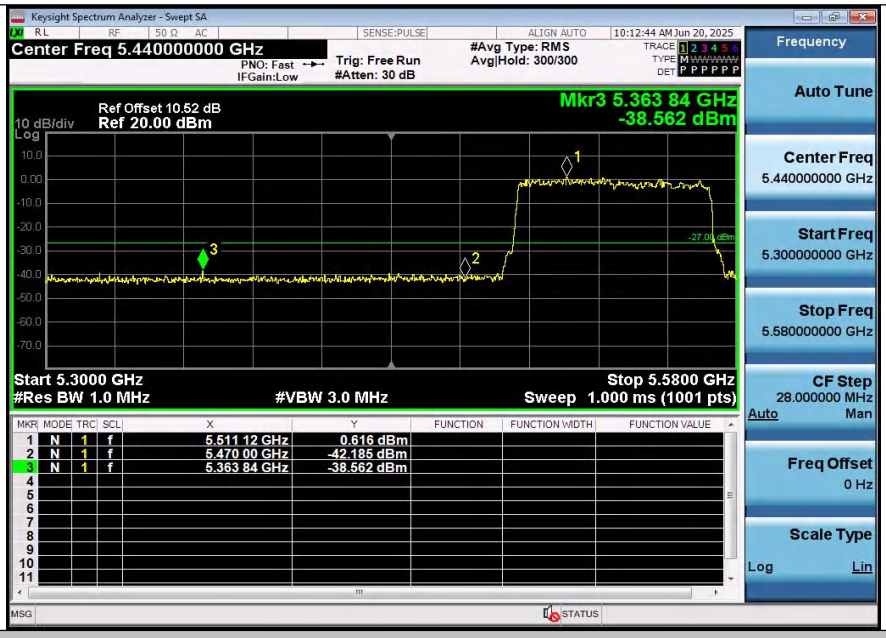

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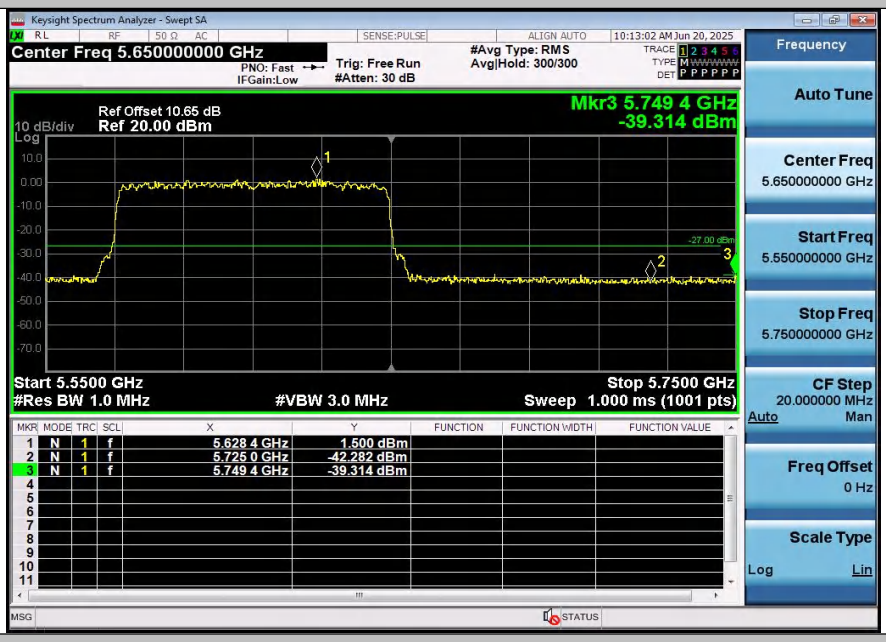
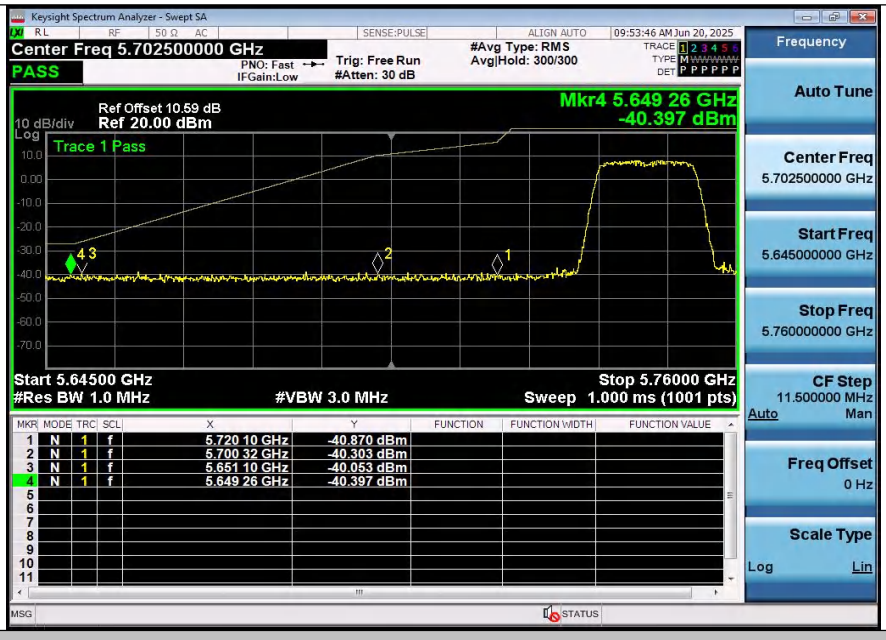
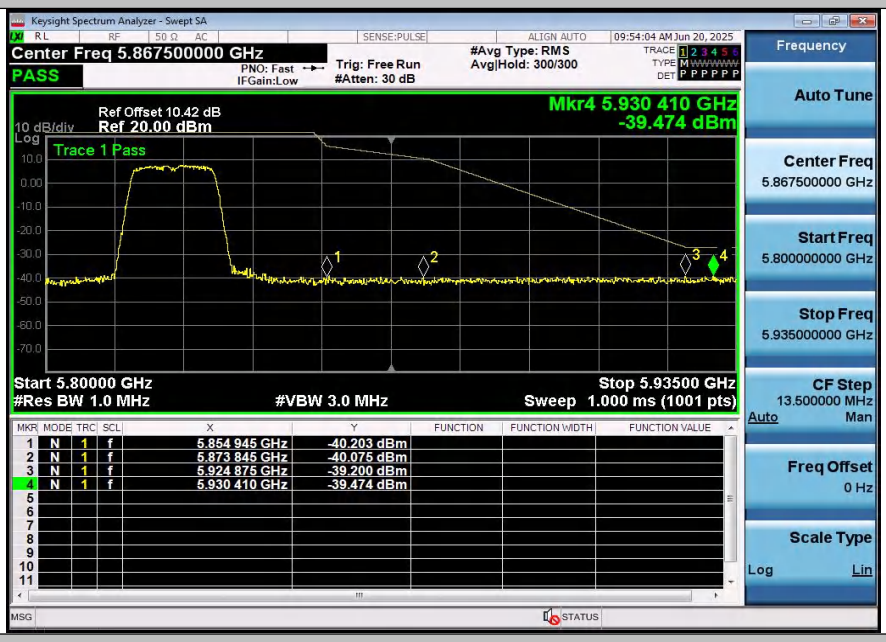


11AX80SISO-Ant2-5610-PASS

Test Graphs B4



11A-Ant2-5745-PASS



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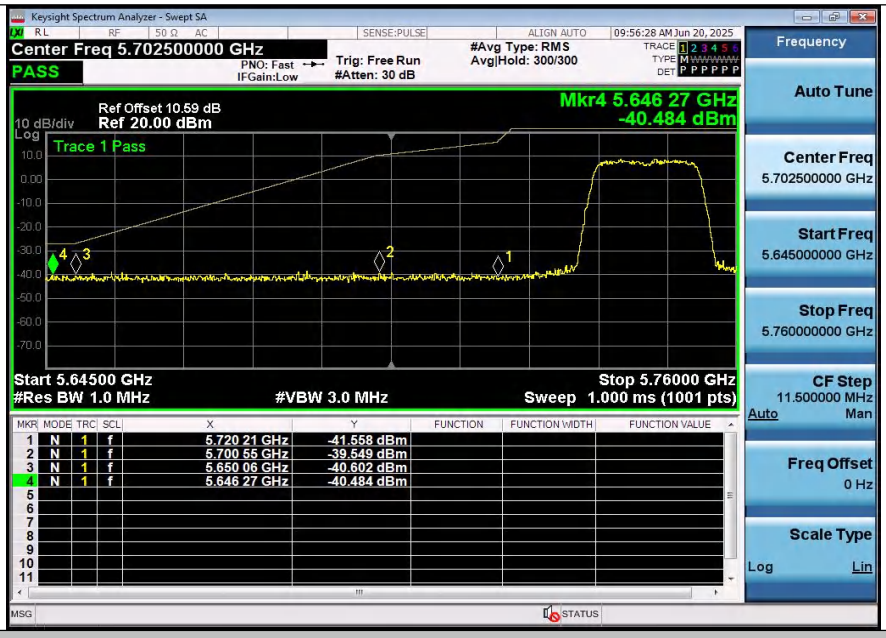

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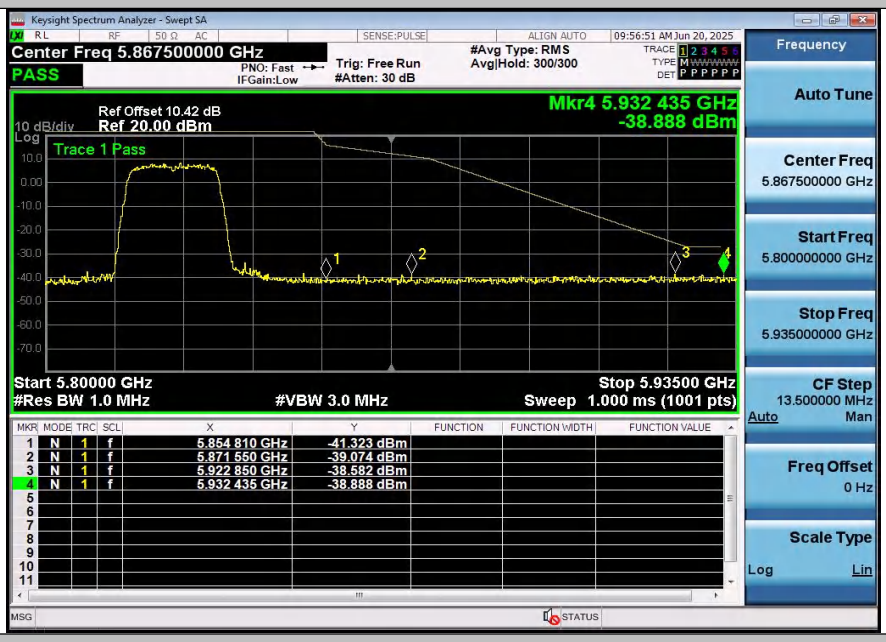
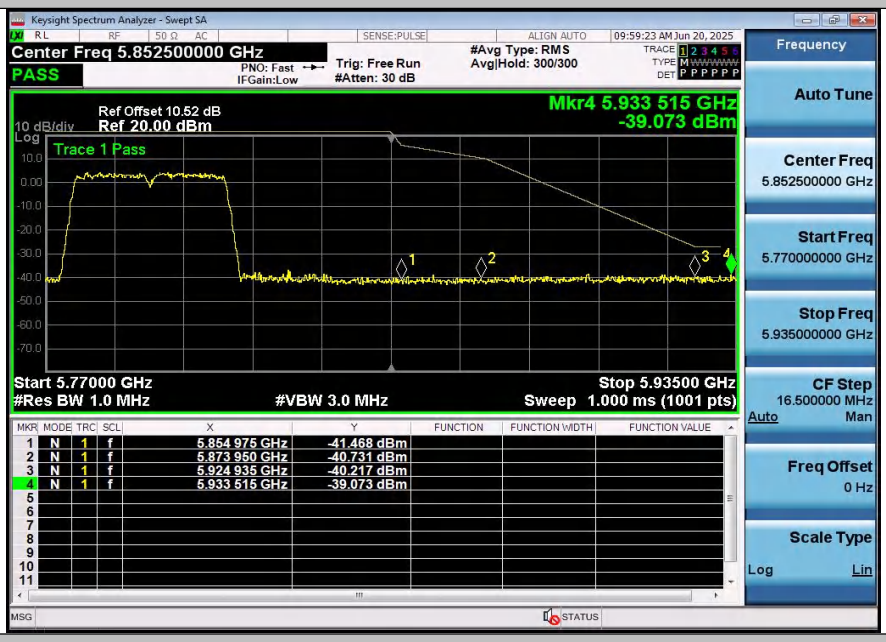


11N20SISO-Ant2-5825-PASS

11N40SISO-Ant2-5755-PASS



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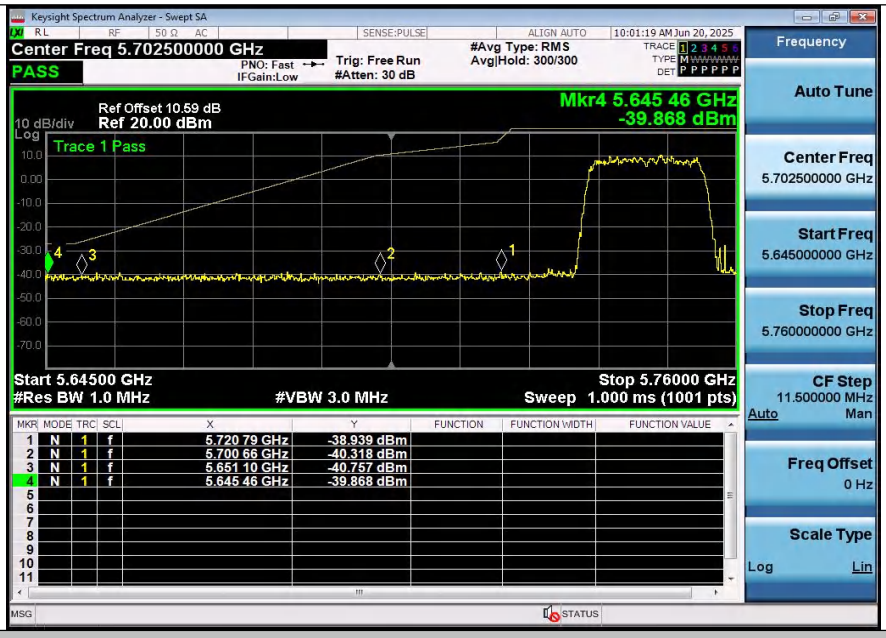

11AC20SISO-Ant2-5745-PASS

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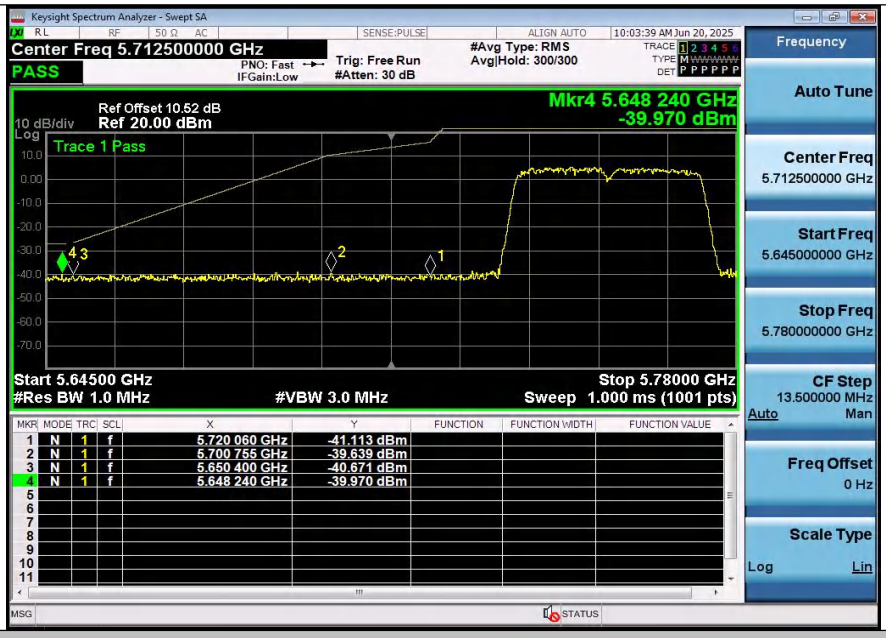

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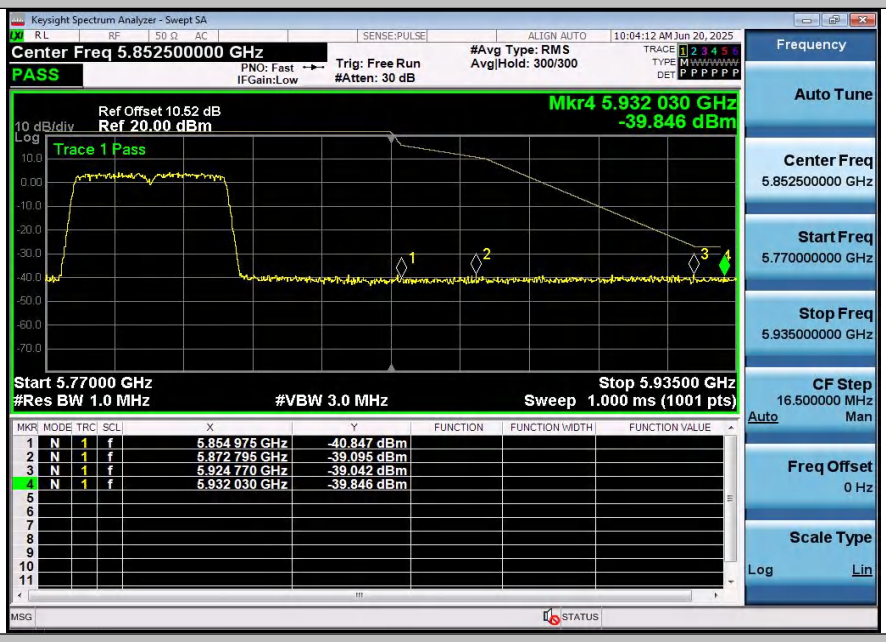

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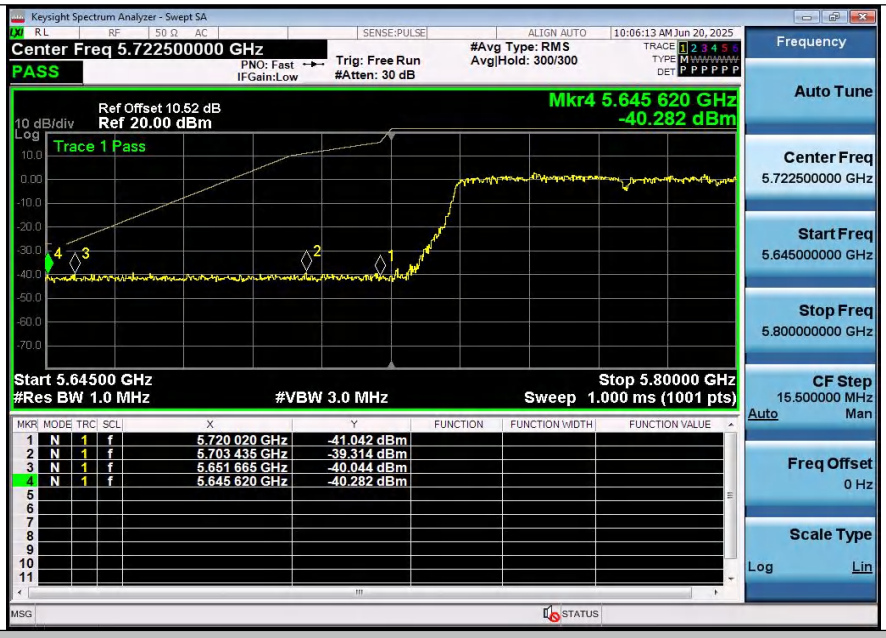
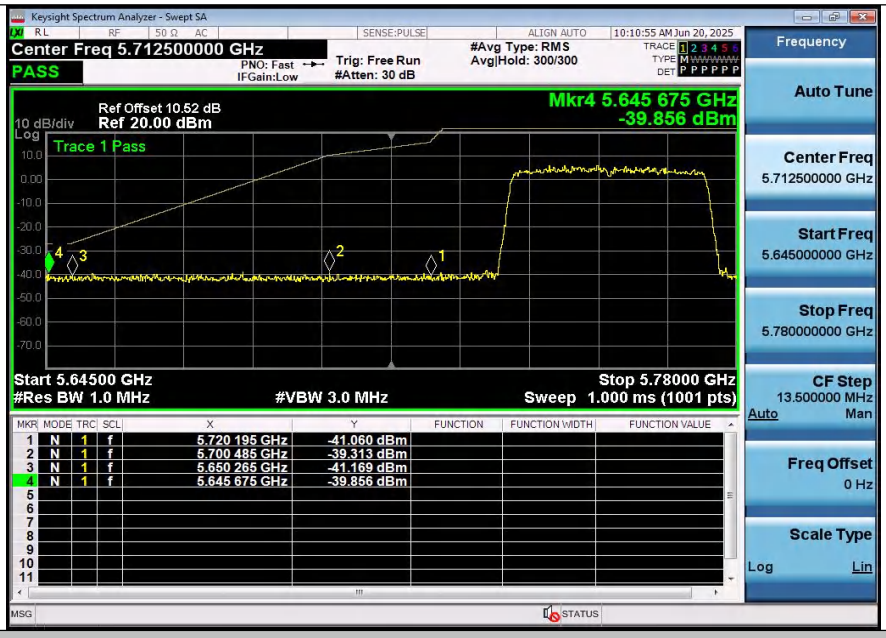


11AC80SISO-Ant2-5775-PASS

11AC80SISO-Ant2-5775-PASS

11AX20SISO-Ant2-5745-PASS

11AX20SISO-Ant2-5825-PASS



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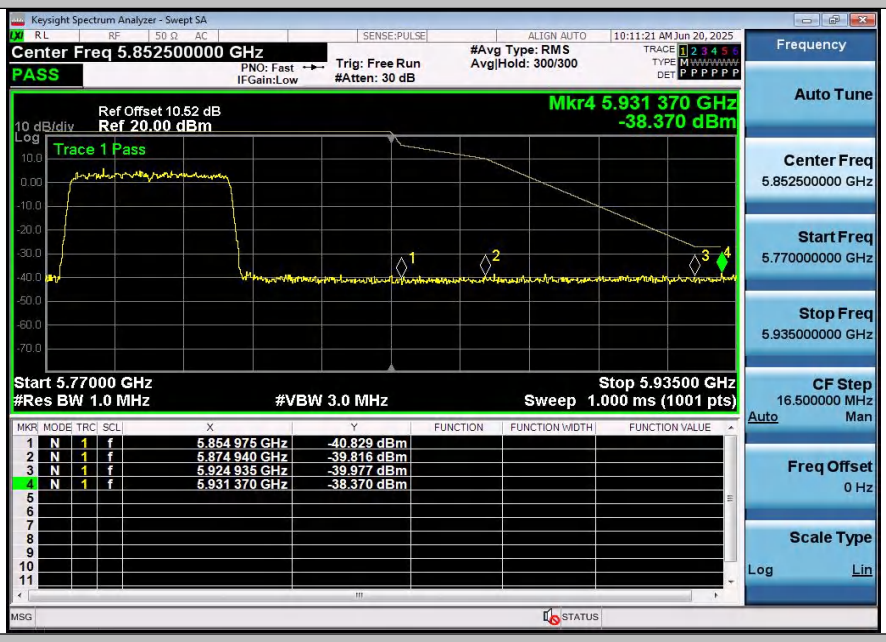
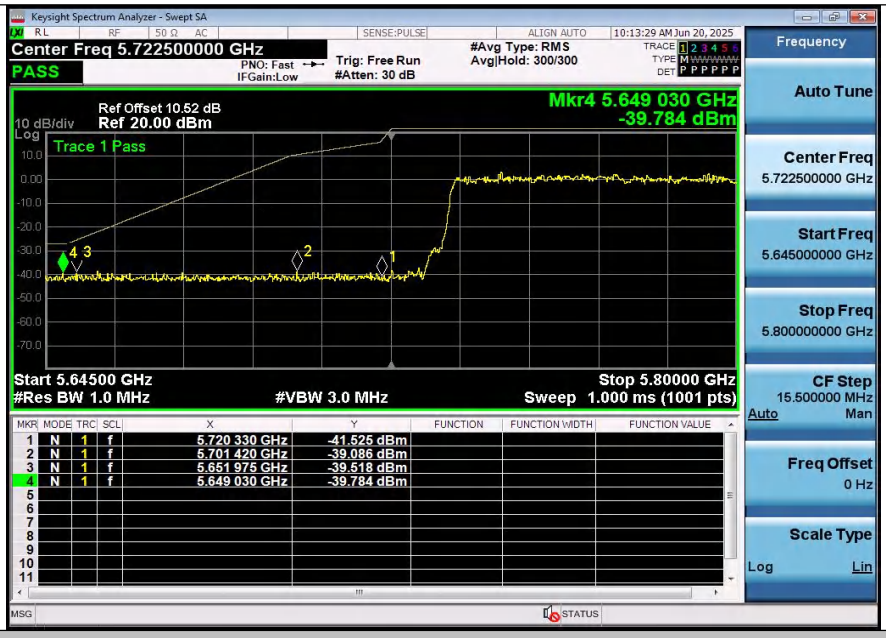


11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5775-PASS

11AX80SISO-Ant2-5775-PASS

Appendix F: Frequency Stability

Test Result

Ant 1

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	138.57	0.02675	Within the band of operation	Pass
	-20	146.25	0.02823		
	-10	140.43	0.02711		
	0	135.82	0.02622		
	10	156.42	0.03020		
	20	148.17	0.02860		
	30	133.08	0.02569		
	40	129.51	0.02500		
	50	154.62	0.02985		
13.2	20	144.37	0.02787		
10.8	20	137.62	0.02657		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	128.51	0.02443	Within the band of operation	Pass
	-20	133.92	0.02546		
	-10	124.74	0.02371		
	0	139.48	0.02652		
	10	145.21	0.02761		
	20	131.76	0.02505		
	30	143.18	0.02722		
	40	137.65	0.02617		
	50	143.27	0.02724		
13.2	20	135.64	0.02579		
10.8	20	139.45	0.02651		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	128.46	0.02336	Within the band of operation	Pass
	-20	134.72	0.02449		
	-10	156.84	0.02852		
	0	147.61	0.02684		
	10	144.39	0.02625		
	20	137.54	0.02501		
	30	162.71	0.02958		
	40	154.35	0.02806		
	50	141.32	0.02569		
13.2	20	136.58	0.02483		
10.8	20	140.16	0.02548		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	134.58	0.02343	Within the band of operation	Pass
	-20	153.62	0.02674		
	-10	148.78	0.02590		
	0	142.51	0.02481		
	10	163.48	0.02846		
	20	159.27	0.02772		
	30	161.93	0.02819		
	40	155.45	0.02706		
	50	166.18	0.02893		
13.2	20	147.35	0.02565		
10.8	20	150.63	0.02622		

Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	137.58	0.02656	Within the band of operation	Pass
	-20	124.36	0.02401		
	-10	128.94	0.02489		
	0	147.29	0.02843		
	10	151.43	0.02923		
	20	142.78	0.02756		
	30	139.64	0.02696		
	40	147.85	0.02854		
	50	143.72	0.02775		
13.2	20	137.58	0.02656		
10.8	20	141.95	0.02740		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	140.25	0.02666	Within the band of operation	Pass
	-20	121.37	0.02307		
	-10	137.28	0.02610		
	0	126.53	0.02406		
	10	116.48	0.02214		
	20	130.59	0.02483		
	30	146.82	0.02791		
	40	157.49	0.02994		
	50	148.21	0.02818		
13.2	20	134.67	0.02560		
10.8	20	138.54	0.02634		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	167.42	0.03044	Within the band of operation	Pass
	-20	149.31	0.02715		
	-10	152.83	0.02779		
	0	137.26	0.02496		
	10	144.53	0.02628		
	20	162.43	0.02953		
	30	139.78	0.02541		
	40	145.69	0.02649		
	50	152.73	0.02777		
13.2	20	147.26	0.02677		
10.8	20	143.58	0.02611		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	146.65	0.02553	Within the band of operation	Pass
	-20	137.21	0.02388		
	-10	125.49	0.02184		
	0	123.81	0.02155		
	10	134.29	0.02338		
	20	153.46	0.02671		
	30	147.28	0.02564		
	40	151.73	0.02641		
	50	149.67	0.02605		
13.2	20	140.85	0.02452		
10.8	20	137.24	0.02389		