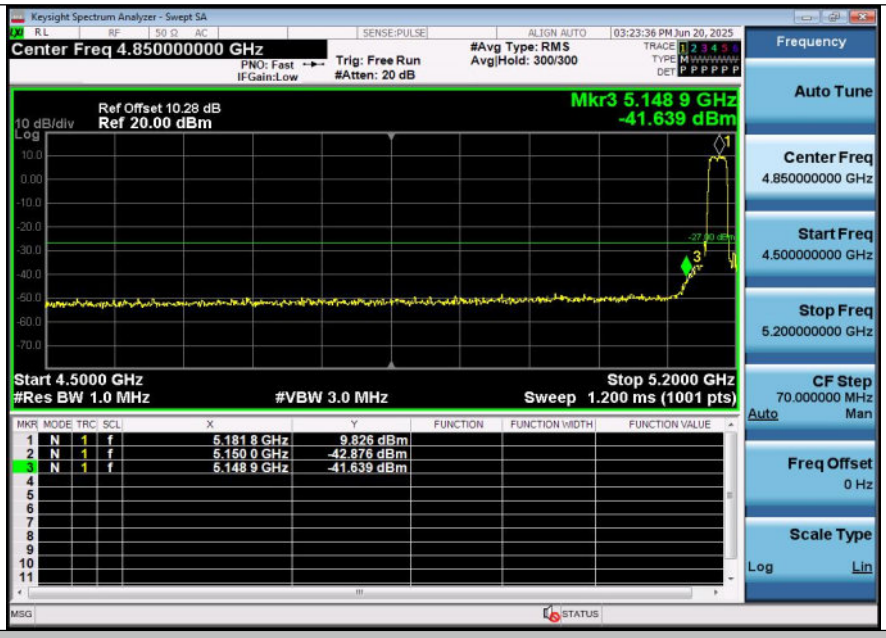
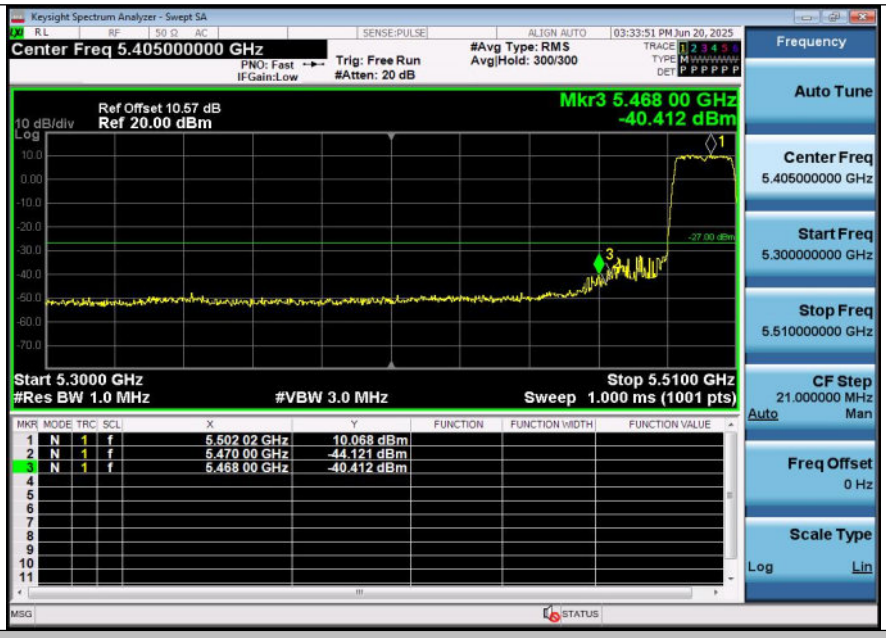
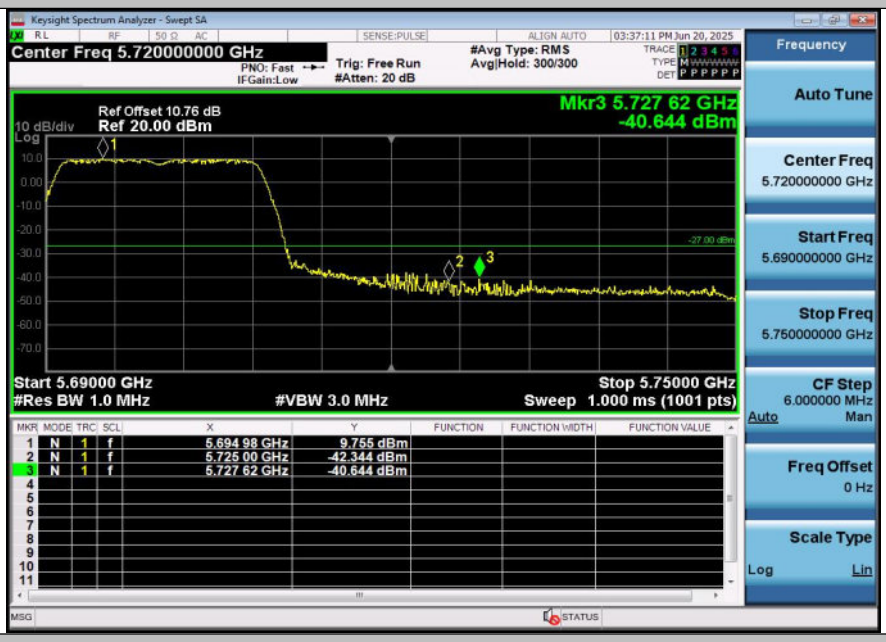


11AX20SISO-Ant2-5180-PASS

11AX20SISO-Ant2-5320-PASS



11AX20SISO-Ant2-5500-PASS



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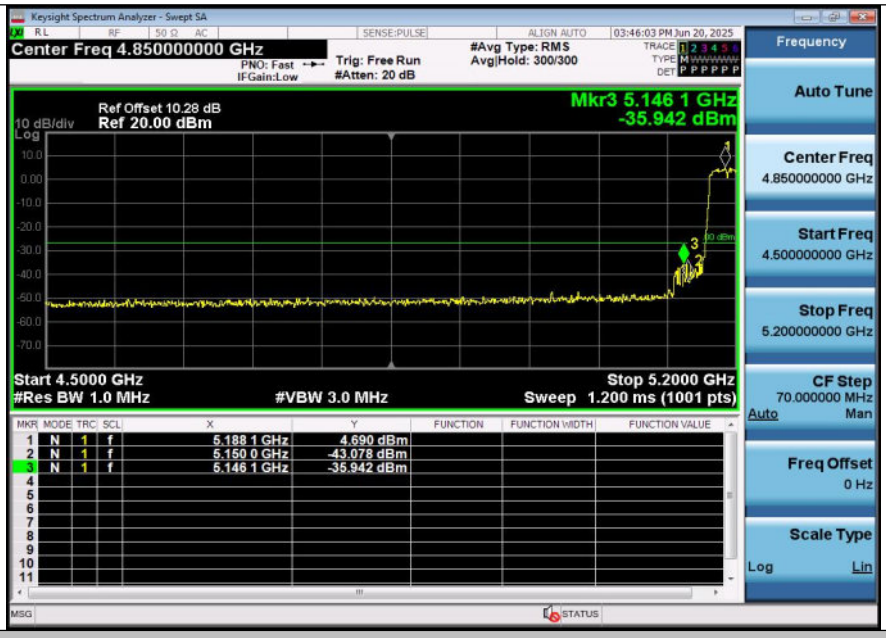
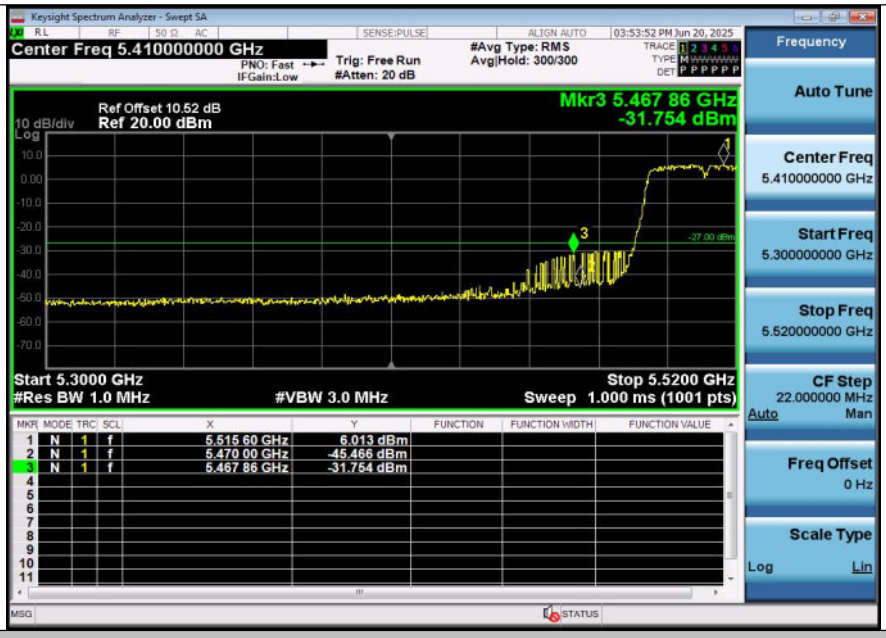


11AX40SISO-Ant2-5190-PASS

11AX40SISO-Ant2-5310-PASS



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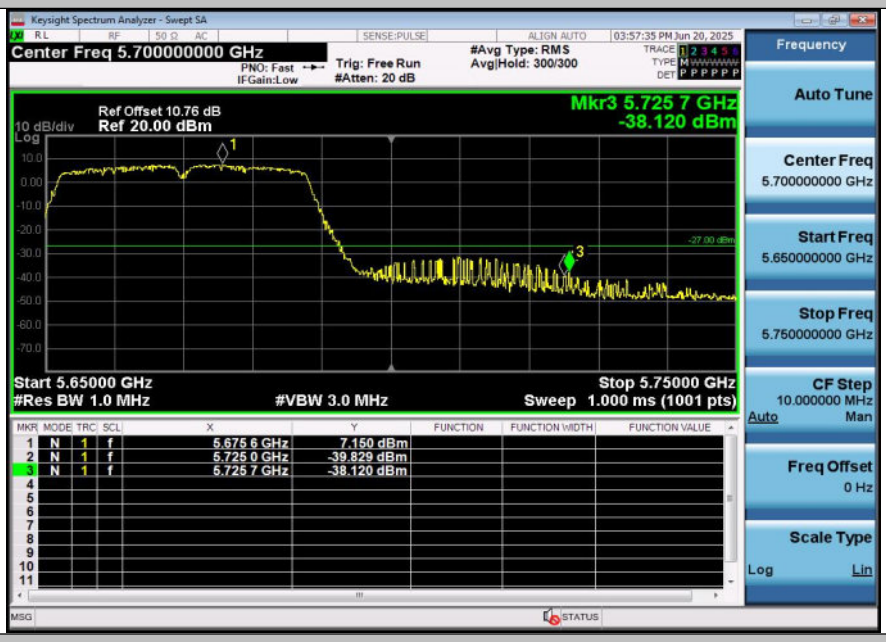
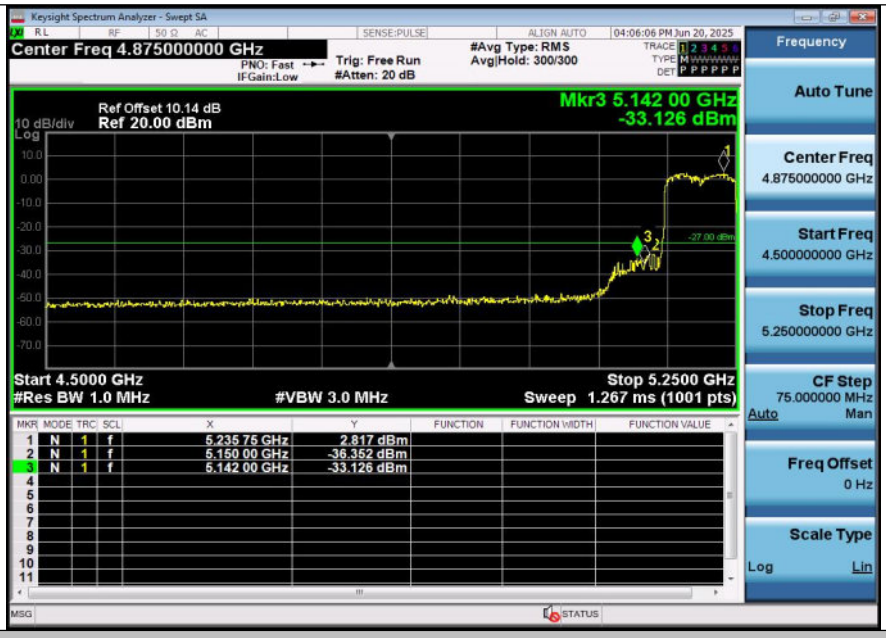
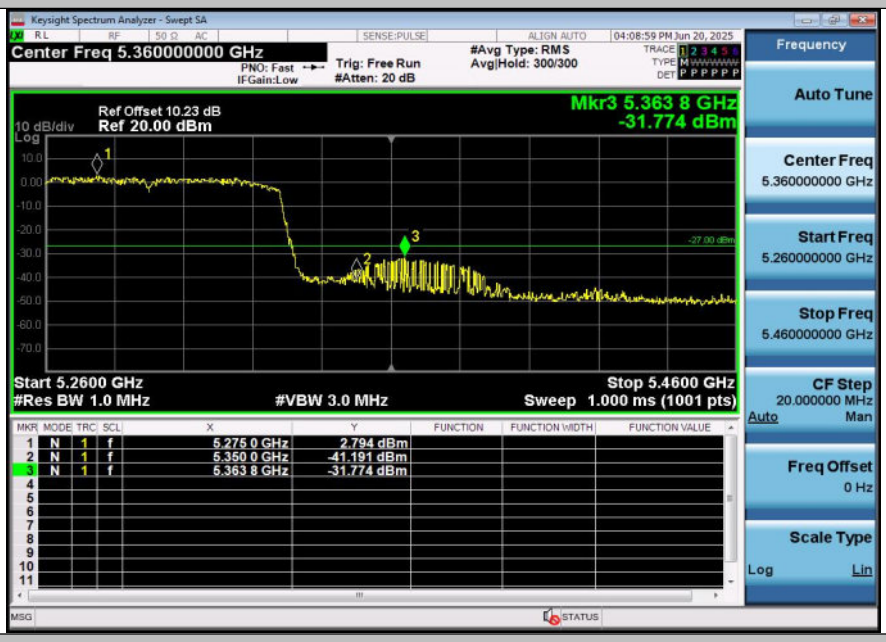


11AX40SISO-Ant2-5670-PASS



11AX80SISO-Ant2-5210-PASS



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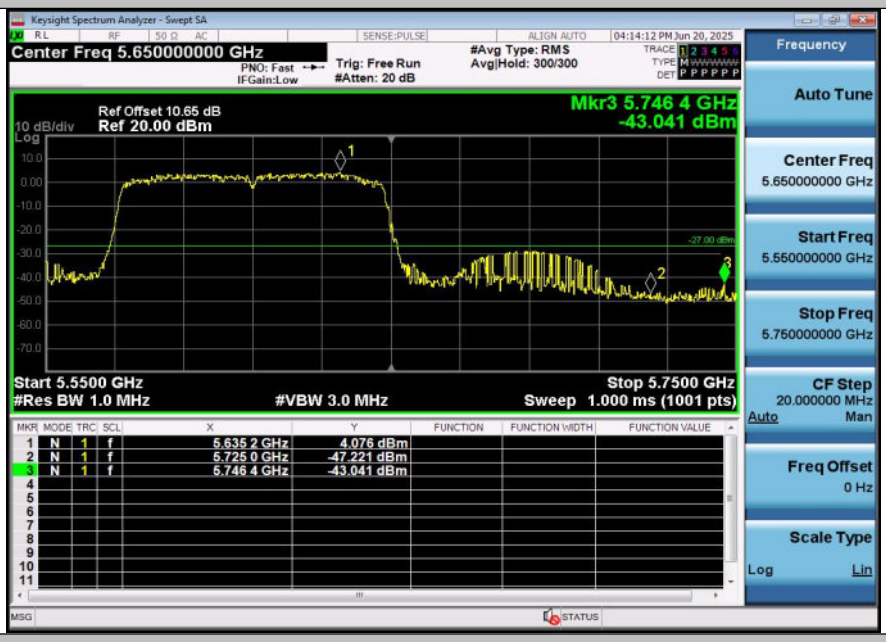
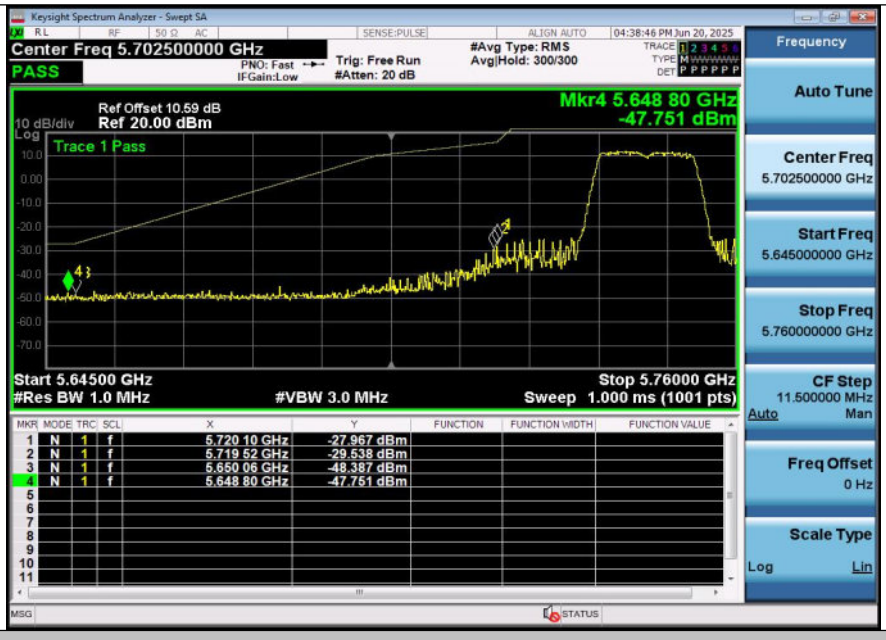
11AX80SISO-Ant2-5530-PASS

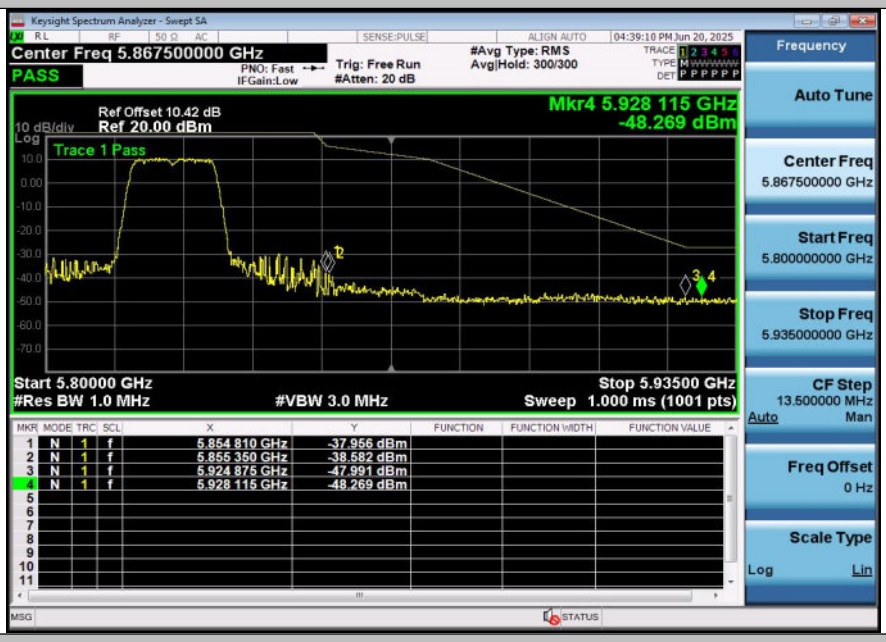


11AX80SISO-Ant2-5610-PASS

Test Graphs B4



11A-Ant2-5745-PASS



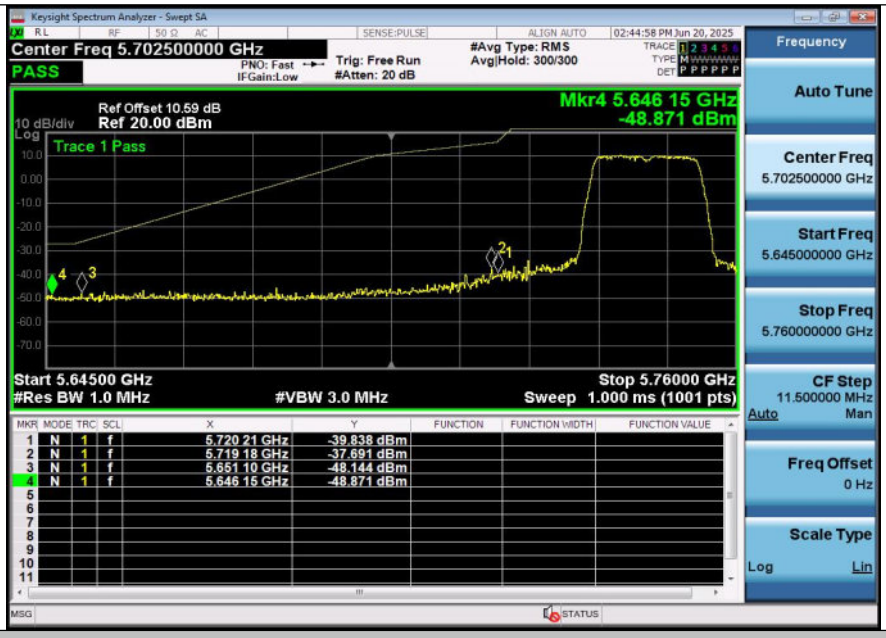
11A-Ant2-5825-PASS

11N20SISO-Ant2-5745-PASS

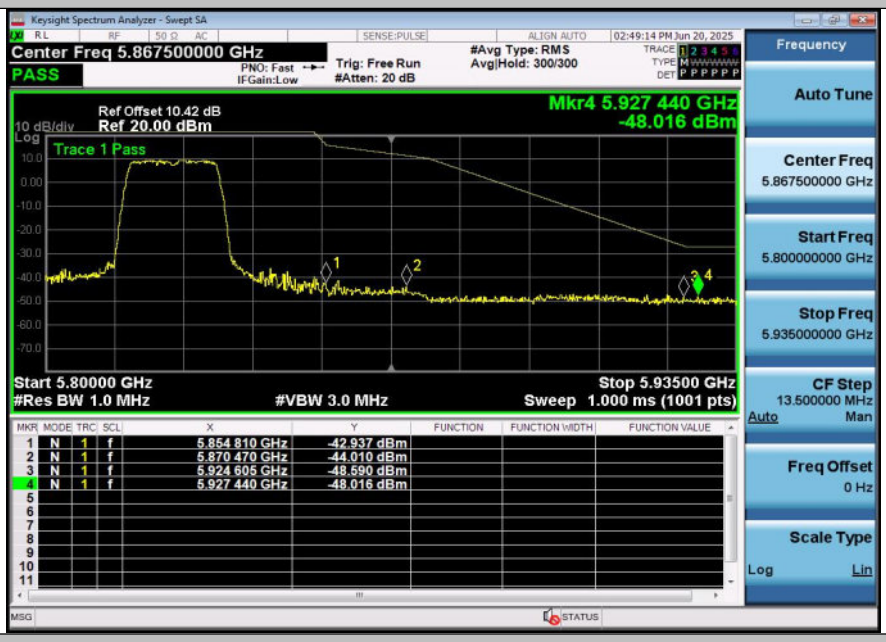
11N20SISO-Ant2-5825-PASS

11N40SISO-Ant2-5755-PASS

11N40SISO-Ant2-5795-PASS

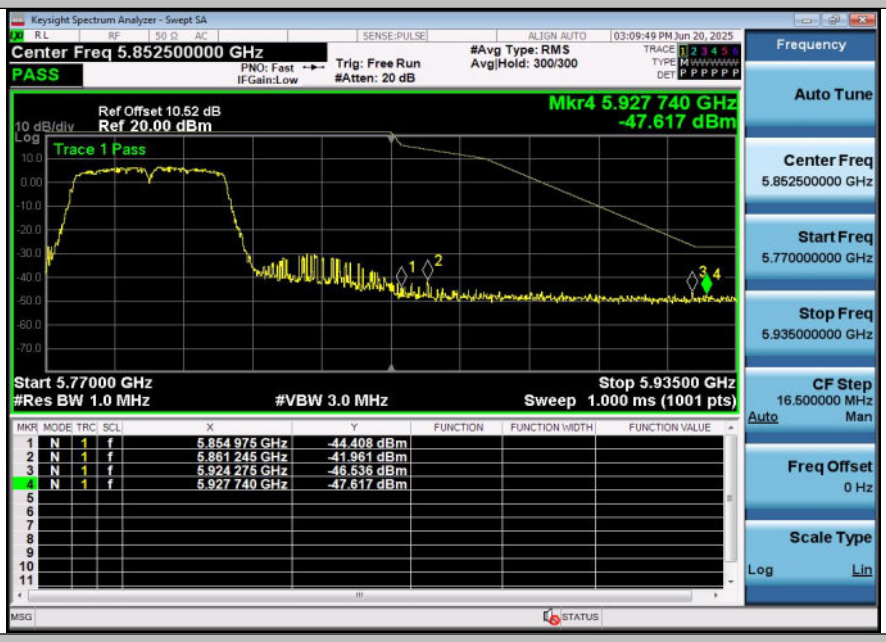


11AC20SISO-Ant2-5745-PASS



11AC20SISO-Ant2-5825-PASS

11AC40SISO-Ant2-5755-PASS



11AC40SISO-Ant2-5795-PASS

11AC80SISO-Ant2-5775-PASS

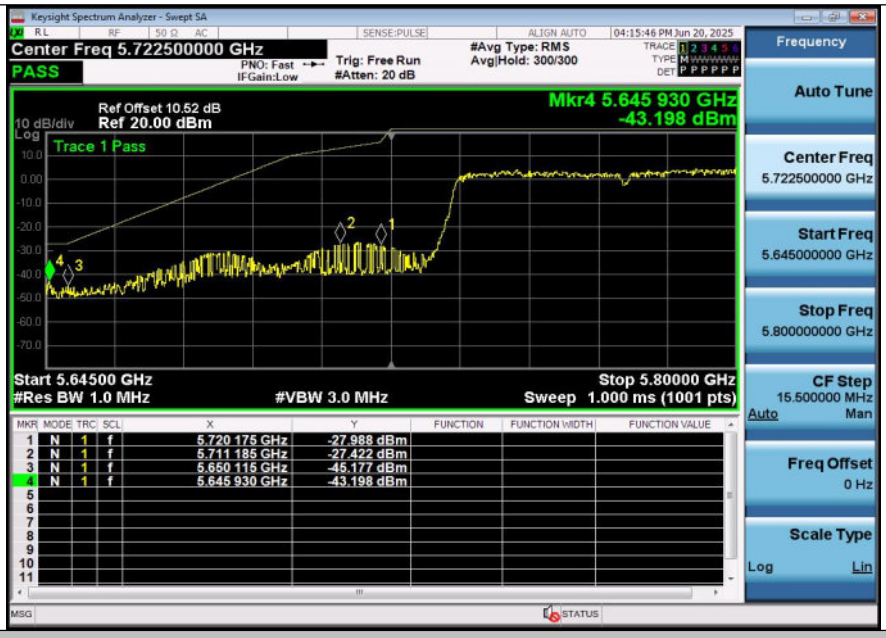
11AC80SISO-Ant2-5775-PASS

11AX20SISO-Ant2-5745-PASS

11AX20SISO-Ant2-5825-PASS

11AX40SISO-Ant2-5755-PASS

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	113.01	0.02182	Within the band of operation	Pass
	-20	167.68	0.03237		
	-10	145.18	0.02803		
	0	121.04	0.02337		
	10	144.85	0.02796		
	20	113.76	0.02196		
	30	128.89	0.02488		
	40	156.19	0.03015		
	50	127.07	0.02453		
13.2	20	142.90	0.02759		
10.8	20	111.96	0.02161		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	125.28	0.02382	Within the band of operation	Pass
	-20	166.99	0.03175		
	-10	138.10	0.02625		
	0	149.03	0.02833		
	10	119.96	0.02281		
	20	143.92	0.02736		
	30	160.13	0.03044		
	40	179.75	0.03417		
	50	128.88	0.02450		
13.2	20	131.18	0.02494		
10.8	20	163.19	0.03102		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	123.69	0.02249	Within the band of operation	Pass
	-20	130.94	0.02381		
	-10	151.41	0.02753		
	0	116.18	0.02112		
	10	169.87	0.03089		
	20	117.93	0.02144		
	30	124.47	0.02263		
	40	138.91	0.02526		
	50	170.73	0.03104		
13.2	20	148.69	0.02703		
10.8	20	130.51	0.02373		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	122.55	0.02133	Within the band of operation	Pass
	-20	171.43	0.02984		
	-10	139.21	0.02423		
	0	120.39	0.02096		
	10	119.31	0.02077		
	20	150.22	0.02615		
	30	136.07	0.02368		
	40	135.72	0.02362		
	50	159.70	0.02780		
13.2	20	170.16	0.02962		
10.8	20	138.80	0.02416		

Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	128.71	0.02485	Within the band of operation	Pass
	-20	170.08	0.03283		
	-10	115.74	0.02234		
	0	175.45	0.03387		
	10	171.42	0.03309		
	20	174.23	0.03364		
	30	172.47	0.03330		
	40	137.91	0.02662		
	50	128.57	0.02482		
13.2	20	149.36	0.02883		
10.8	20	136.44	0.02634		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	162.17	0.03083	Within the band of operation	Pass
	-20	143.79	0.02734		
	-10	167.11	0.03177		
	0	163.30	0.03105		
	10	154.38	0.02935		
	20	111.53	0.02120		
	30	140.30	0.02667		
	40	179.50	0.03413		
	50	167.21	0.03179		
13.2	20	175.00	0.03327		
10.8	20	128.13	0.02436		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	129.90	0.02362	Within the band of operation	Pass
	-20	123.84	0.02252		
	-10	127.82	0.02324		
	0	113.17	0.02058		
	10	174.99	0.03182		
	20	124.71	0.02267		
	30	116.90	0.02125		
	40	153.22	0.02786		
	50	150.99	0.02745		
13.2	20	160.98	0.02927		
10.8	20	116.92	0.02126		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	178.73	0.03111	Within the band of operation	Pass
	-20	176.14	0.03066		
	-10	149.58	0.02604		
	0	168.02	0.02925		
	10	172.24	0.02998		
	20	148.93	0.02592		
	30	126.67	0.02205		
	40	113.84	0.01982		
	50	119.47	0.02080		
13.2	20	162.75	0.02833		
10.8	20	165.23	0.02876		