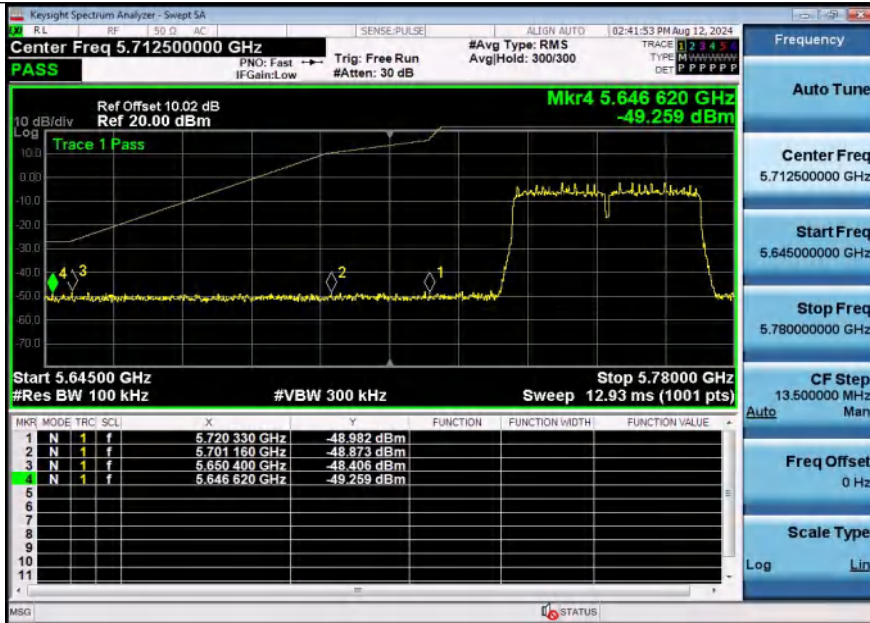
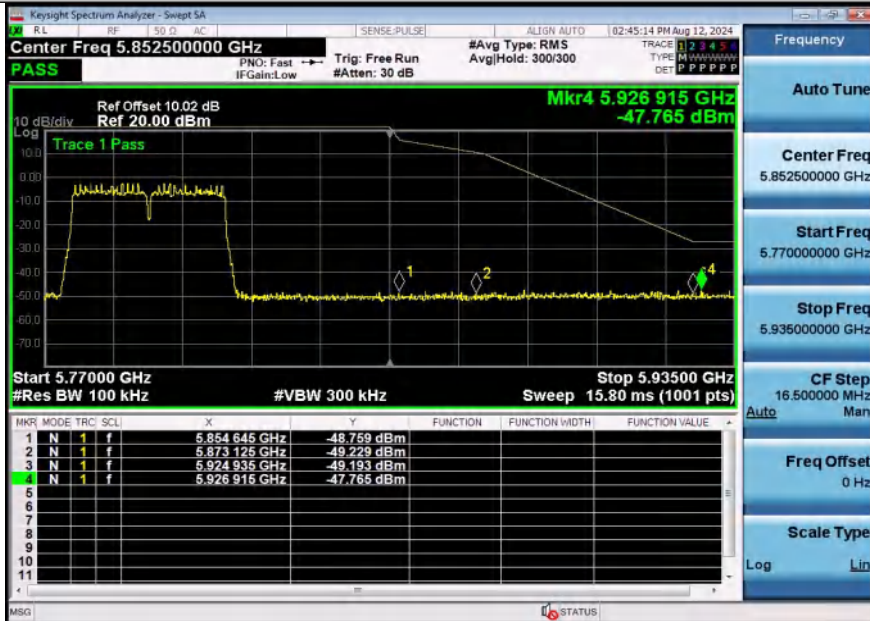
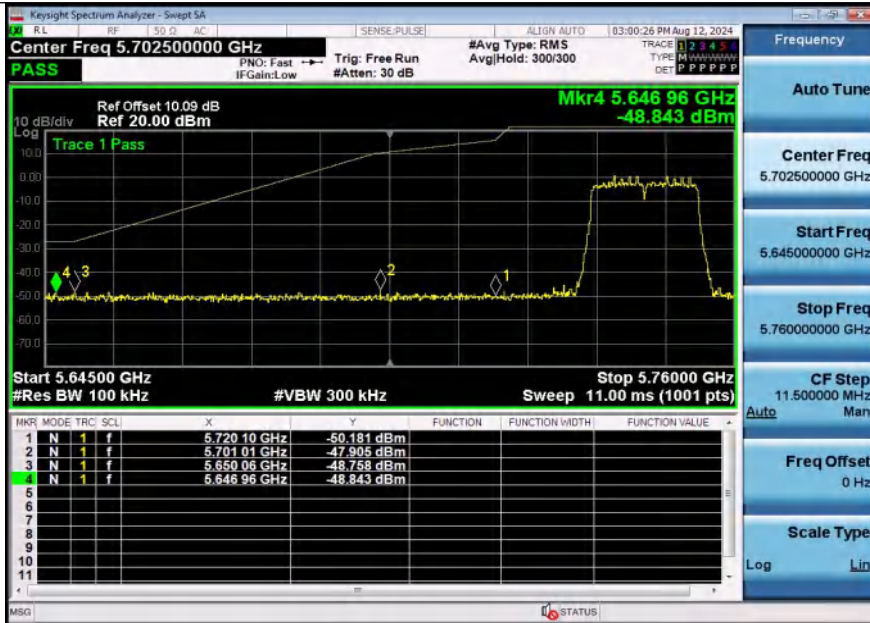




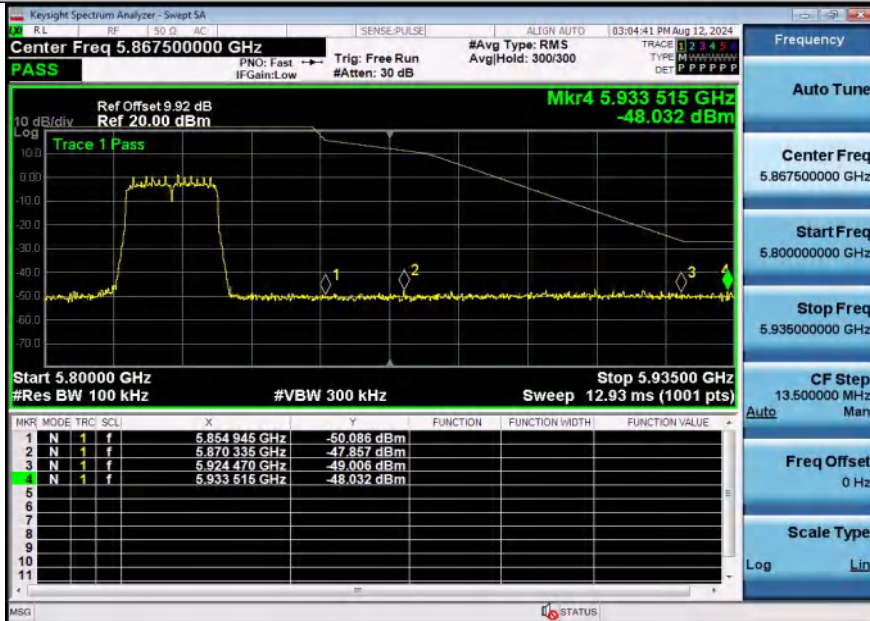
11N40SISO-Ant1-5755-PASS



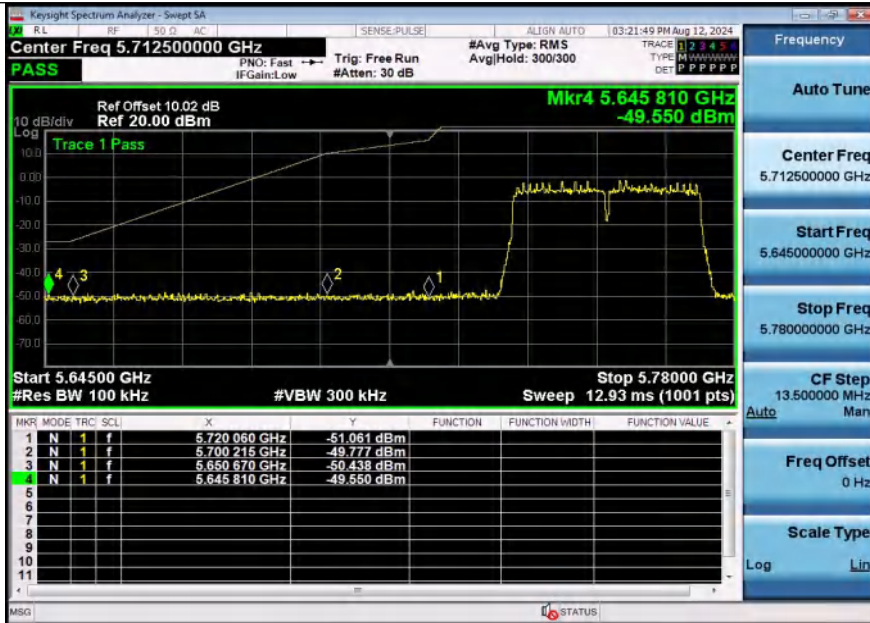
11N40SISO-Ant1-5795-PASS



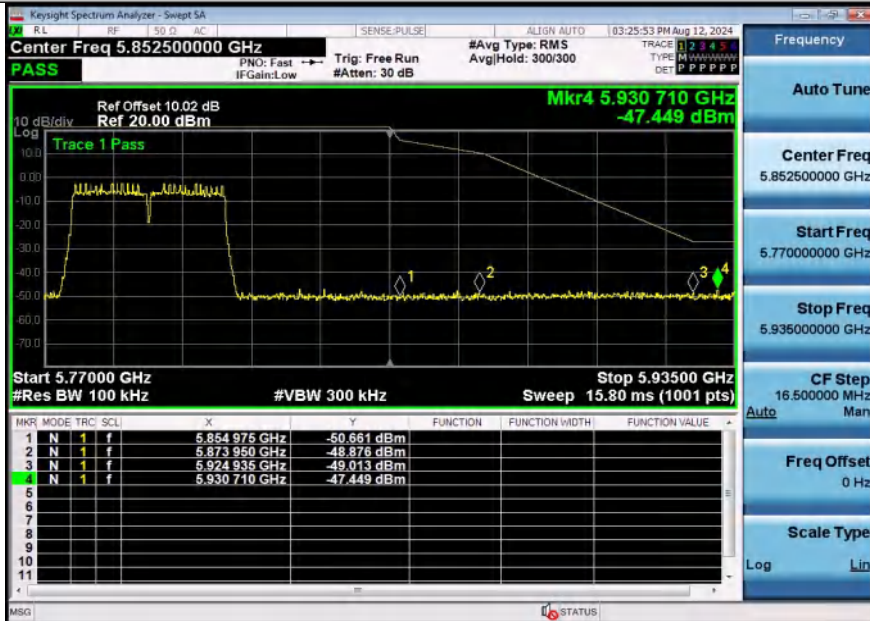
11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5825-PASS



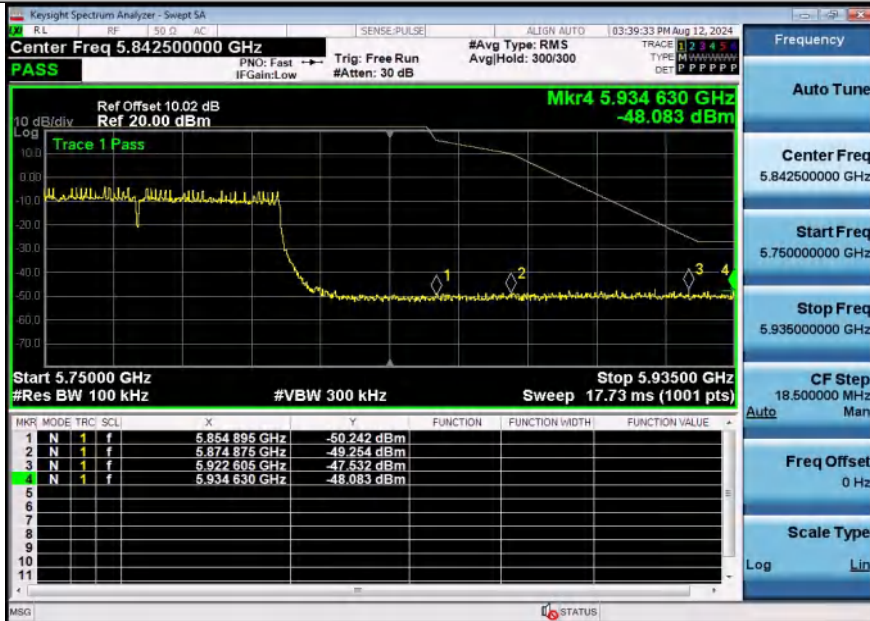
11AC40SISO-Ant1-5755-PASS



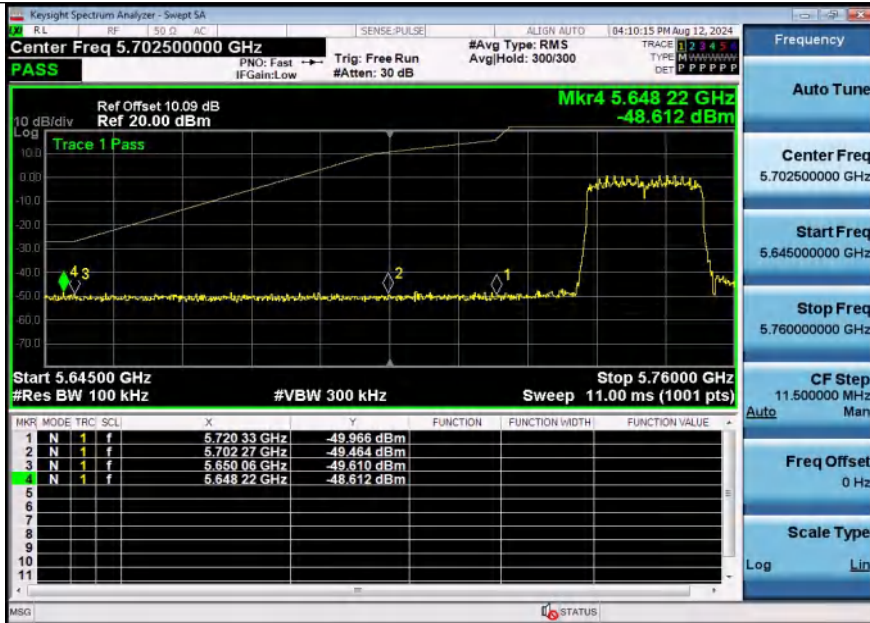
11AC40SISO-Ant1-5795-PASS



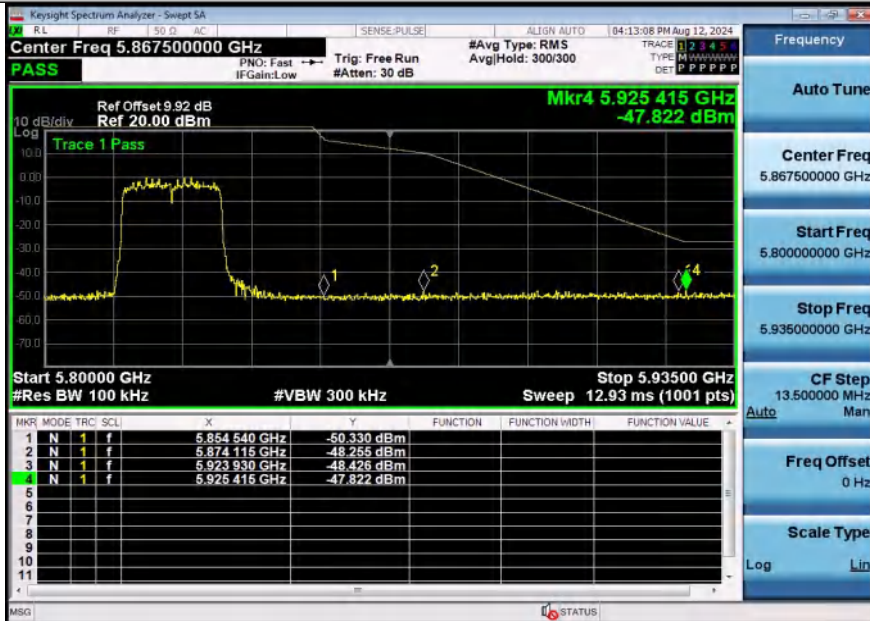
11AC80SISO-Ant1-5775-PASS



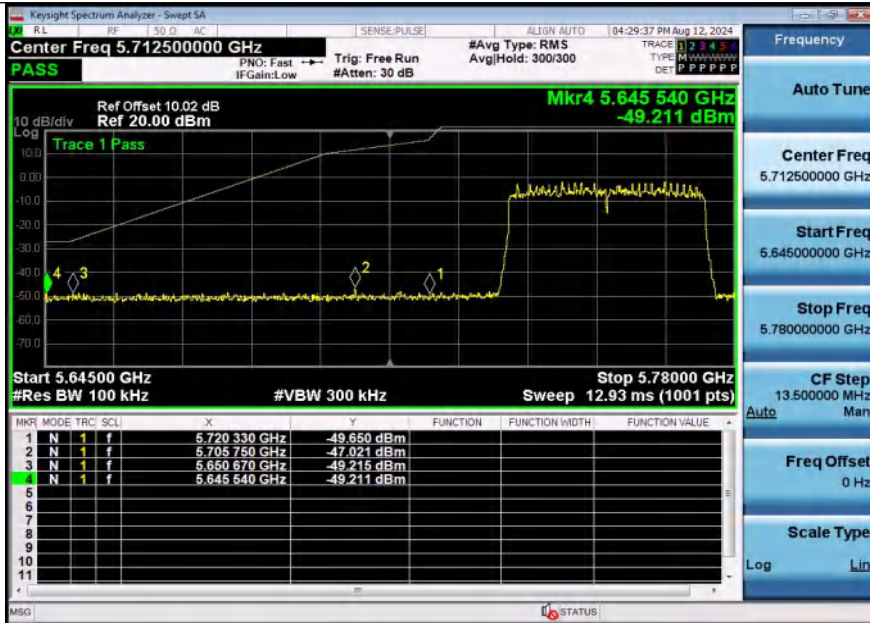
11AC80SISO-Ant1-5775-PASS



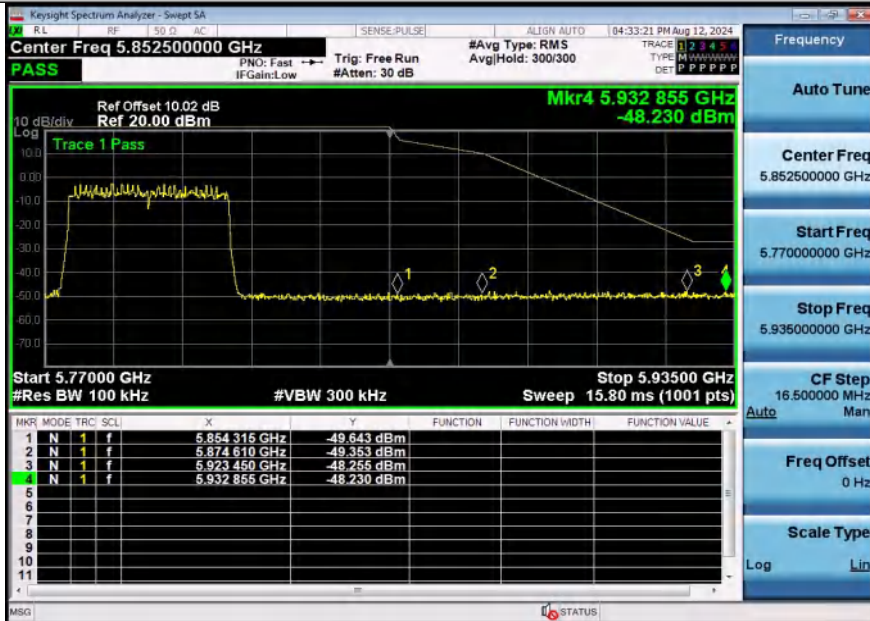
11AX20SISO-Ant1-5745-PASS



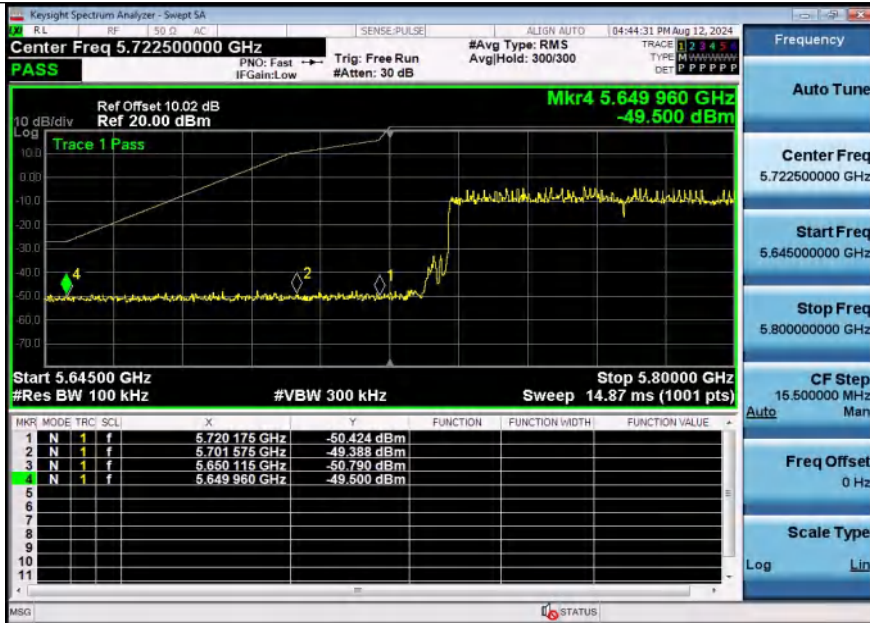
11AX20SISO-Ant1-5825-PASS



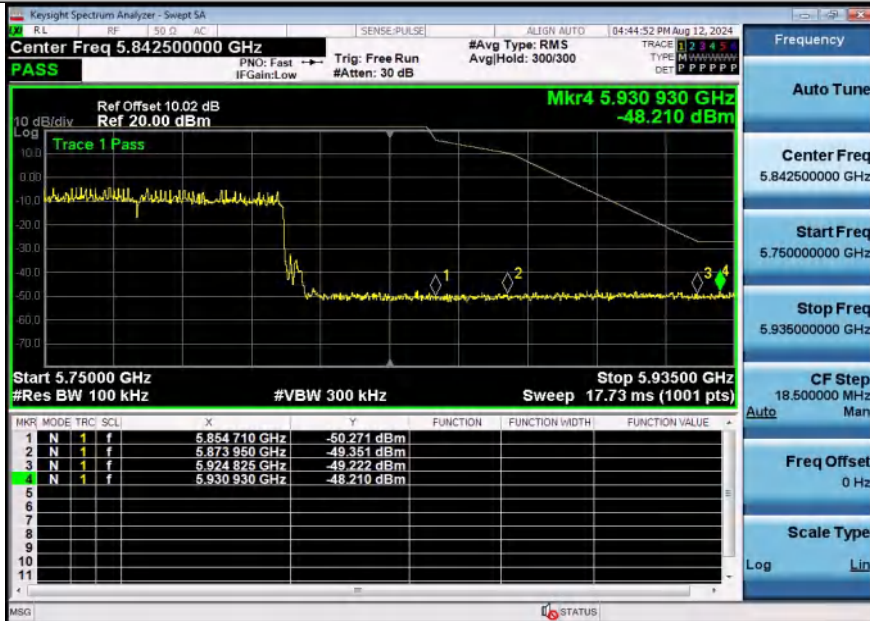
11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



11AX80SISO-Ant1-5775-PASS



11AX80SISO-Ant1-5775-PASS

Ant 2

Test Result B1/2/3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-47.66	≤-27	PASS
11A	Ant2	High	5320	-48.83	≤-27	PASS
11A	Ant2	Low	5500	-48.01	≤-27	PASS
11A	Ant2	High	5700	-48.63	≤-27	PASS
11N20SISO	Ant2	Low	5180	-47.15	≤-27	PASS
11N20SISO	Ant2	High	5320	-48.34	≤-27	PASS
11N20SISO	Ant2	Low	5500	-47.41	≤-27	PASS
11N20SISO	Ant2	High	5700	-48.78	≤-27	PASS
11N40SISO	Ant2	Low	5190	-47.86	≤-27	PASS
11N40SISO	Ant2	High	5310	-48.99	≤-27	PASS
11N40SISO	Ant2	Low	5510	-48.01	≤-27	PASS
11N40SISO	Ant2	High	5670	-48.18	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-47.3	≤-27	PASS
11AC20SISO	Ant2	High	5320	-48.49	≤-27	PASS
11AC20SISO	Ant2	Low	5500	-48.11	≤-27	PASS
11AC20SISO	Ant2	High	5700	-48.41	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-47.26	≤-27	PASS
11AC40SISO	Ant2	High	5310	-48.23	≤-27	PASS
11AC40SISO	Ant2	Low	5510	-47.71	≤-27	PASS
11AC40SISO	Ant2	High	5670	-46.9	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-47.73	≤-27	PASS
11AC80SISO	Ant2	High	5290	-48.37	≤-27	PASS
11AC80SISO	Ant2	Low	5530	-47.57	≤-27	PASS
11AC80SISO	Ant2	High	5610	-48.6	≤-27	PASS
11AC160SISO	Ant2	Low	5250	-43.83	≤-27	PASS
11AC160SISO	Ant2	High	5250	-45.46	≤-27	PASS
11AC160SISO	Ant2	Low	5570	-48.1	≤-27	PASS
11AC160SISO	Ant2	High	5570	-49.19	≤-27	PASS
11AX20SISO	Ant2	Low	5180	-48.03	≤-27	PASS
11AX20SISO	Ant2	High	5320	-48.56	≤-27	PASS
11AX20SISO	Ant2	Low	5500	-47.58	≤-27	PASS
11AX20SISO	Ant2	High	5700	-48.13	≤-27	PASS
11AX40SISO	Ant2	Low	5190	-47.97	≤-27	PASS
11AX40SISO	Ant2	High	5310	-48.78	≤-27	PASS
11AX40SISO	Ant2	Low	5510	-48.35	≤-27	PASS
11AX40SISO	Ant2	High	5670	-48.27	≤-27	PASS
11AX80SISO	Ant2	Low	5210	-47.85	≤-27	PASS
11AX80SISO	Ant2	High	5290	-48.27	≤-27	PASS

11AX80SISO	Ant2	Low	5530	-47.34	≤-27	PASS
11AX80SISO	Ant2	High	5610	-48.21	≤-27	PASS
11AX160SISO	Ant2	Low	5250	-43.11	≤-27	PASS
11AX160SISO	Ant2	High	5250	-45.57	≤-27	PASS
11AX160SISO	Ant2	Low	5570	-45.2	≤-27	PASS
11AX160SISO	Ant2	High	5570	-48.89	≤-27	PASS

Test Result B4

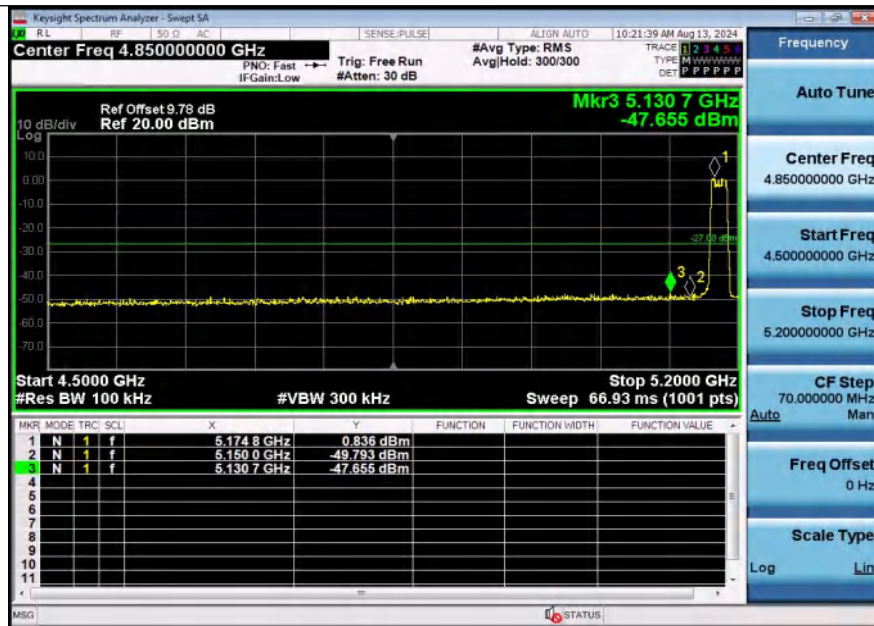
Test Mode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5720~5725	-48.64	≤16.34	PASS
11A	Ant2	Low	5745	5700~5720	-49.18	≤10.12	PASS
11A	Ant2	Low	5745	5650~5700	-49.84	≤-26.70	PASS
11A	Ant2	Low	5745	5760~5650	-49.47	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-49.61	≤16.34	PASS
11A	Ant2	High	5825	5855~5875	-49.12	≤10.51	PASS
11A	Ant2	High	5825	5875~5925	-48.55	≤-26.21	PASS
11A	Ant2	High	5825	5925~5935	-46.76	≤-27	PASS
11N20SISO	Ant2	Low	5745	5720~5725	-51.3	≤15.82	PASS
11N20SISO	Ant2	Low	5745	5700~5720	-49.49	≤10.28	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-49.95	≤-25.93	PASS
11N20SISO	Ant2	Low	5745	5760~5650	-49.2	≤-27	PASS
11N20SISO	Ant2	High	5825	5850~5855	-49.1	≤15.73	PASS
11N20SISO	Ant2	High	5825	5855~5875	-48.47	≤10.02	PASS
11N20SISO	Ant2	High	5825	5875~5925	-48.14	≤-26.91	PASS
11N20SISO	Ant2	High	5825	5925~5935	-47.86	≤-27	PASS
11N40SISO	Ant2	Low	5755	5720~5725	-49.74	≤15.74	PASS
11N40SISO	Ant2	Low	5755	5700~5720	-49.56	≤10.02	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-48.96	≤-26.90	PASS
11N40SISO	Ant2	Low	5755	5780~5650	-48.77	≤-27	PASS
11N40SISO	Ant2	High	5795	5850~5855	-48.34	≤17.16	PASS

SO							
11N40SI SO	Ant2	High	5795	5855~5875	-47.61	≤11.68	PASS
11N40SI SO	Ant2	High	5795	5875~5925	-47.9	≤-25.61	PASS
11N40SI SO	Ant2	High	5795	5925~5935	-46.29	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5720~5725	-49.24	≤16.08	PASS
11AC20S ISO	Ant2	Low	5745	5700~5720	-49.23	≤11.22	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-49.58	≤-26.87	PASS
11AC20S ISO	Ant2	Low	5745	5760~5650	-49.49	≤-27	PASS
11AC20S ISO	Ant2	High	5825	5850~5855	-49.02	≤16.03	PASS
11AC20S ISO	Ant2	High	5825	5855~5875	-49.08	≤10.21	PASS
11AC20S ISO	Ant2	High	5825	5875~5925	-48.85	≤-26.01	PASS
11AC20S ISO	Ant2	High	5825	5925~5935	-47.82	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5720~5725	-49.2	≤16.97	PASS
11AC40S ISO	Ant2	Low	5755	5700~5720	-49.49	≤10.02	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-48.84	≤-25.90	PASS
11AC40S ISO	Ant2	Low	5755	5780~5650	-49.16	≤-27	PASS
11AC40S ISO	Ant2	High	5795	5850~5855	-49.19	≤16.03	PASS
11AC40S ISO	Ant2	High	5795	5855~5875	-48.96	≤10.06	PASS
11AC40S ISO	Ant2	High	5795	5875~5925	-47.58	≤-25.98	PASS
11AC40S ISO	Ant2	High	5795	5925~5935	-46.97	≤-27	PASS
11AC80S ISO	Ant2	Low	5775	5720~5725	-50.07	≤16.00	PASS
11AC80S ISO	Ant2	Low	5775	5700~5720	-48.97	≤10.48	PASS

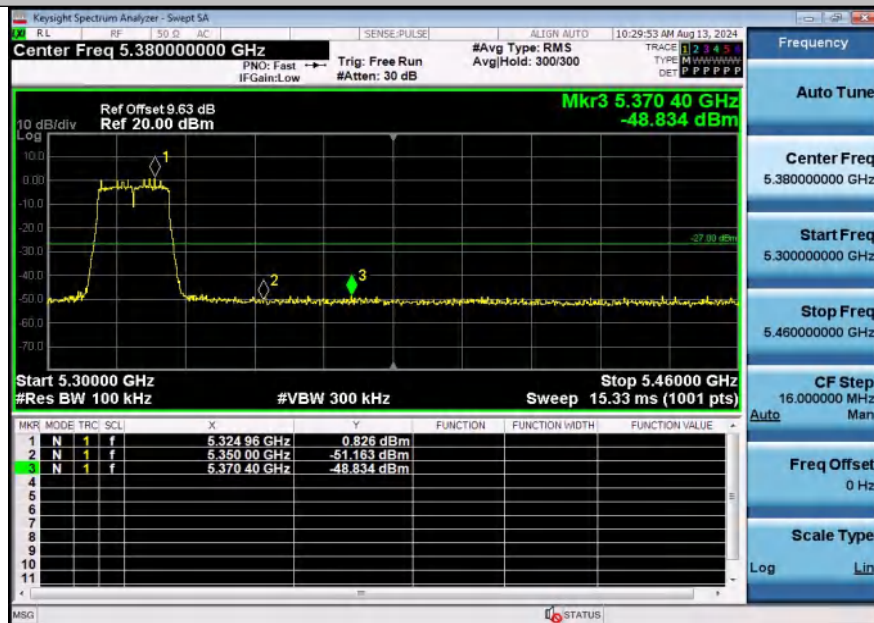
11AC80S ISO	Ant2	Low	5775	5650~5700	-48.7	≤-24.74	PASS
11AC80S ISO	Ant2	Low	5775	5800~5650	-48.95	≤-27	PASS
11AC80S ISO	Ant2	High	5775	5850~5855	-49.48	≤15.84	PASS
11AC80S ISO	Ant2	High	5775	5855~5875	-49.18	≤10.35	PASS
11AC80S ISO	Ant2	High	5775	5875~5925	-48.48	≤-26.87	PASS
11AC80S ISO	Ant2	High	5775	5925~5935	-47.35	≤-27	PASS
11AX20SI SO	Ant2	Low	5745	5720~5725	-49.9	≤15.82	PASS
11AX20SI SO	Ant2	Low	5745	5700~5720	-49.94	≤10.06	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-49.76	≤-25.93	PASS
11AX20SI SO	Ant2	Low	5745	5760~5650	-49.59	≤-27	PASS
11AX20SI SO	Ant2	High	5825	5850~5855	-50.44	≤16.03	PASS
11AX20SI SO	Ant2	High	5825	5855~5875	-48.98	≤10.02	PASS
11AX20SI SO	Ant2	High	5825	5875~5925	-48.34	≤-26.51	PASS
11AX20SI SO	Ant2	High	5825	5925~5935	-47.76	≤-27	PASS
11AX40SI SO	Ant2	Low	5755	5720~5725	-50.01	≤16.35	PASS
11AX40SI SO	Ant2	Low	5755	5700~5720	-49.55	≤10.48	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-50.9	≤-26.20	PASS
11AX40SI SO	Ant2	Low	5755	5780~5650	-49.54	≤-27	PASS
11AX40SI SO	Ant2	High	5795	5850~5855	-50	≤15.66	PASS
11AX40SI SO	Ant2	High	5795	5855~5875	-49.77	≤10.57	PASS
11AX40SI SO	Ant2	High	5795	5875~5925	-48.72	≤-26.10	PASS
11AX40SI SO	Ant2	High	5795	5925~5935	-47.31	≤-27	PASS

11AX80SI SO	Ant2	Low	5775	5720~5725	-48.4	≤16.00	PASS
11AX80SI SO	Ant2	Low	5775	5700~5720	-49.51	≤10.66	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-50.67	≤-26.57	PASS
11AX80SI SO	Ant2	Low	5775	5800~5650	-50.02	≤-27	PASS
11AX80SI SO	Ant2	High	5775	5850~5855	-51.2	≤15.84	PASS
11AX80SI SO	Ant2	High	5775	5855~5875	-49.05	≤10.66	PASS
11AX80SI SO	Ant2	High	5775	5875~5925	-48.64	≤-26.46	PASS
11AX80SI SO	Ant2	High	5775	5925~5935	-47.74	≤-27	PASS

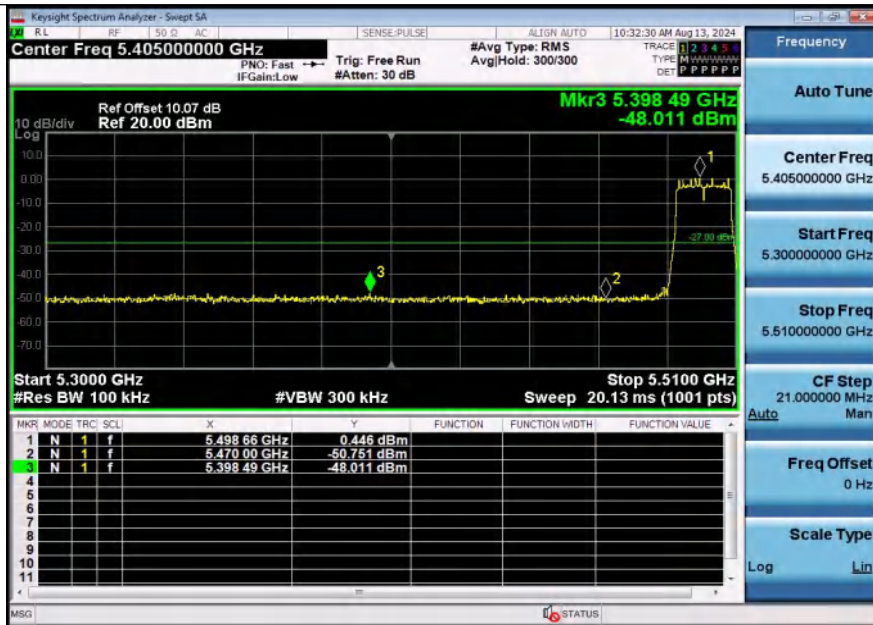
Test Graphs B1/2/3



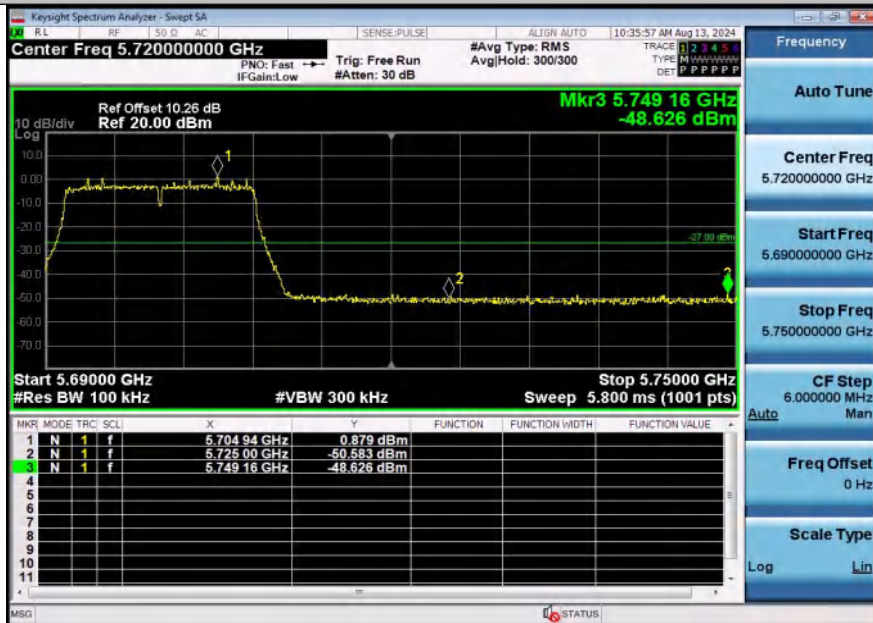
11A-Ant2-5180-PASS



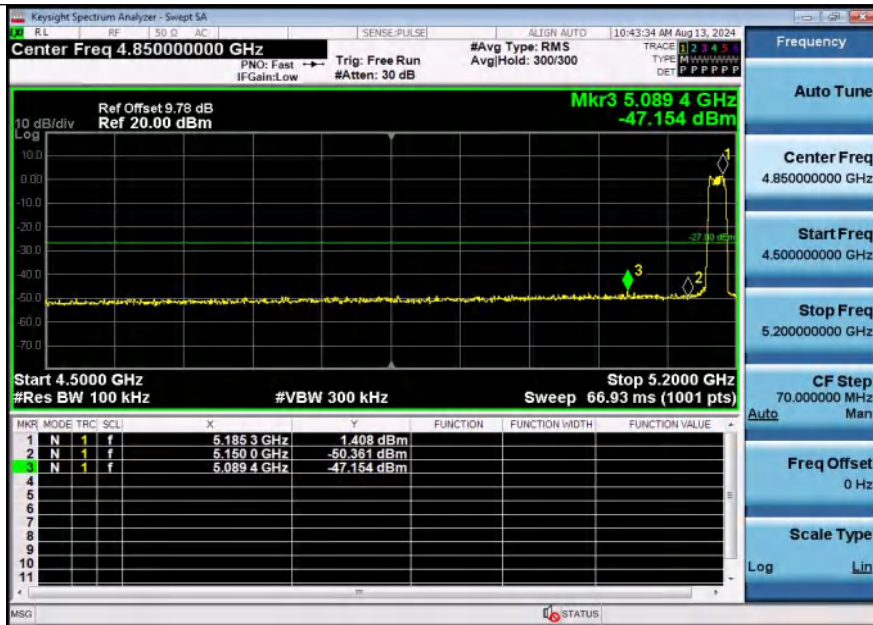
11A-Ant2-5320-PASS



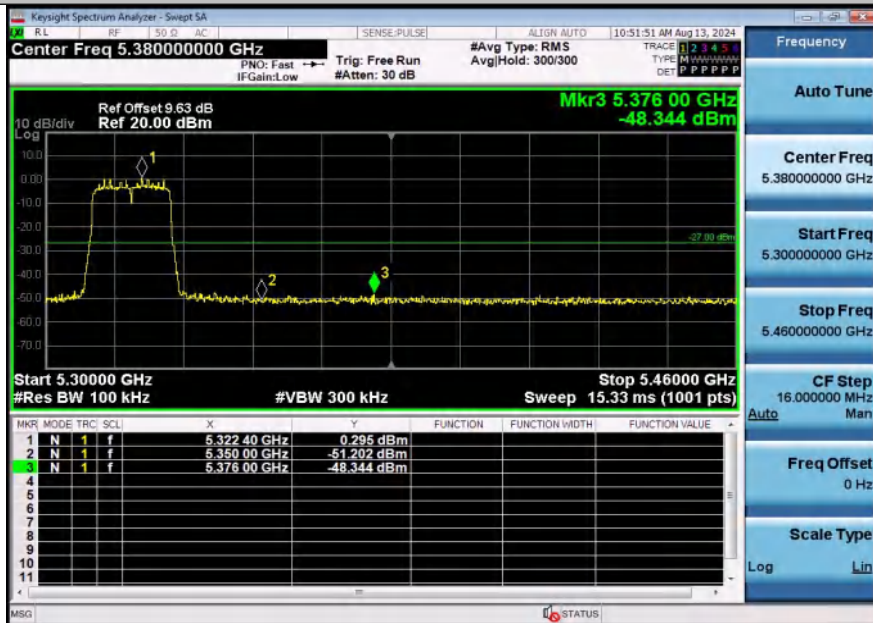
11A-Ant2-5500-PASS



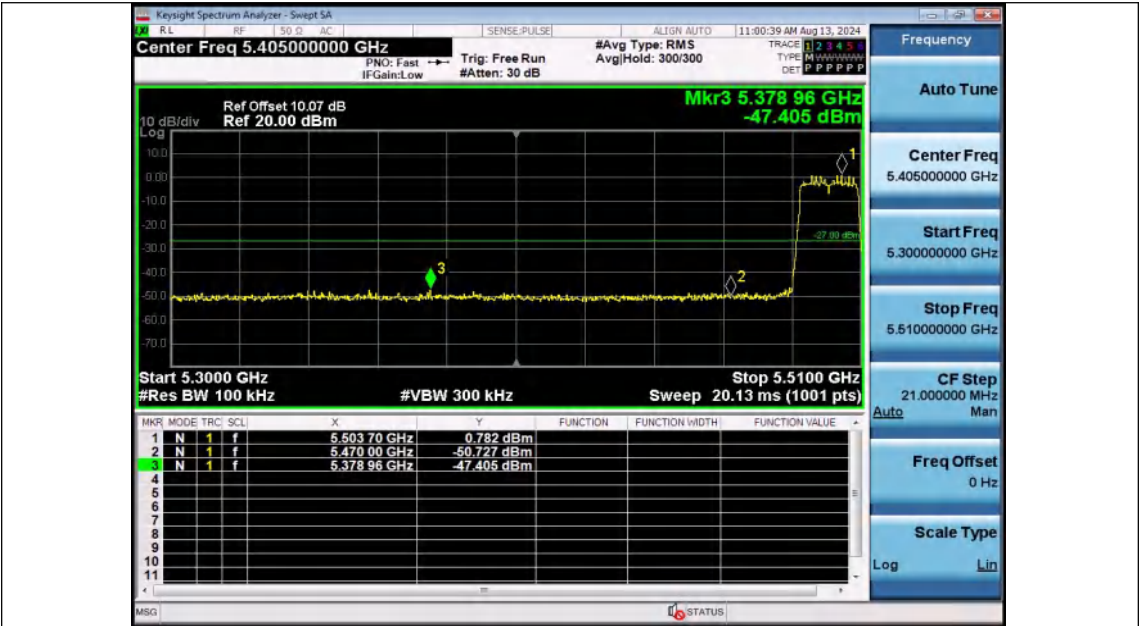
11A-Ant2-5700-PASS



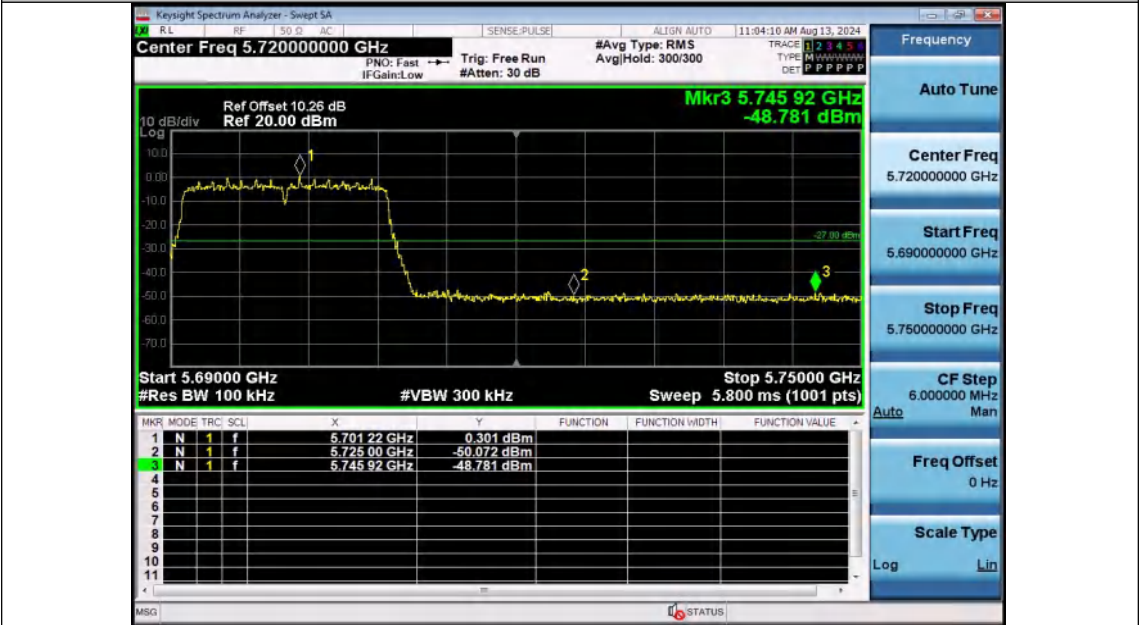
11N20SISO-Ant2-5180-PASS



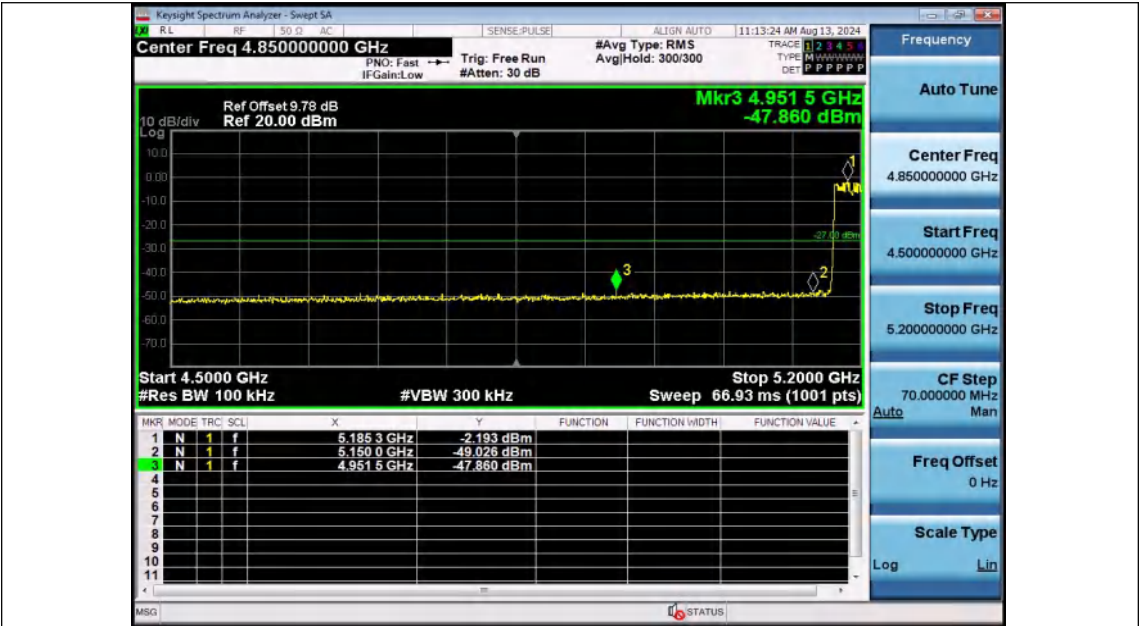
11N20SISO-Ant2-5320-PASS



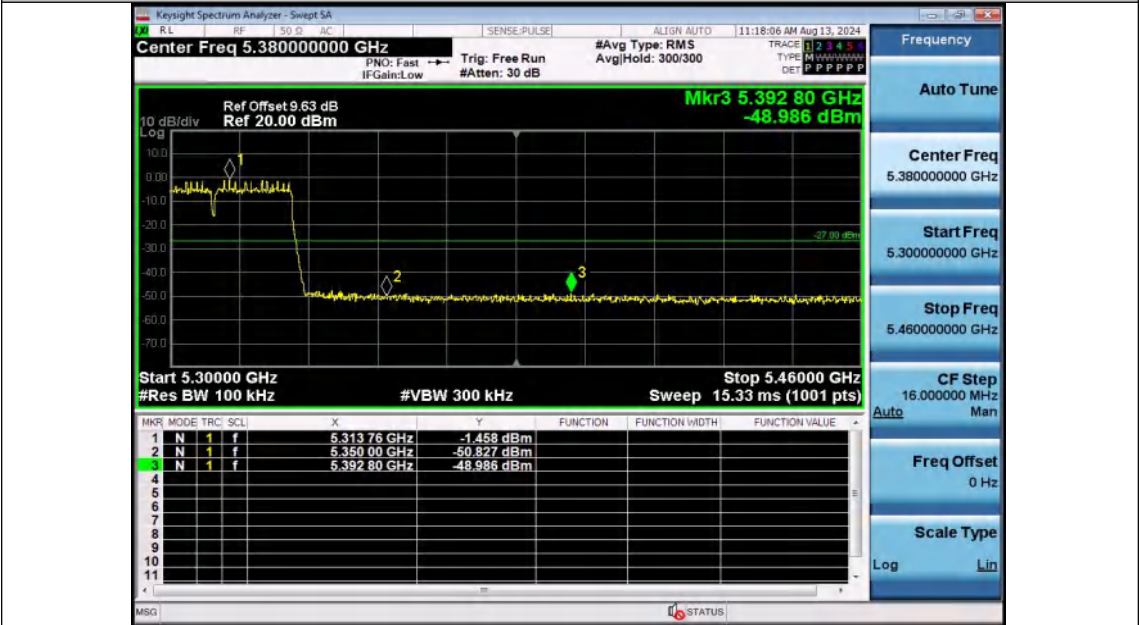
11N20SISO-Ant2-5500-PASS



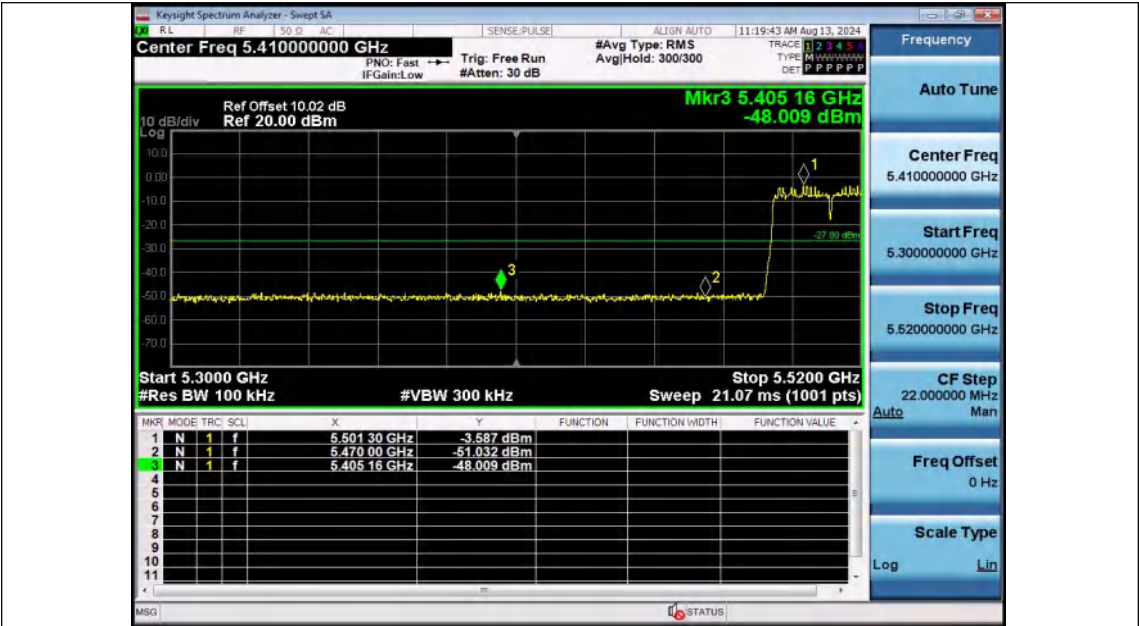
11N20SISO-Ant2-5700-PASS



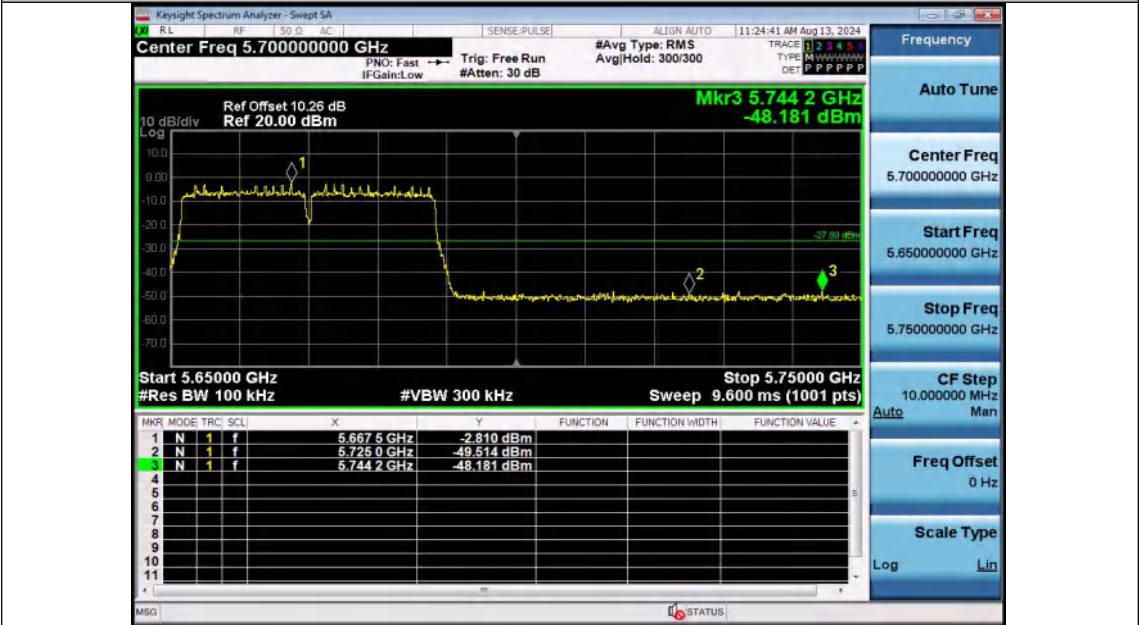
11N40SISO-Ant2-5190-PASS



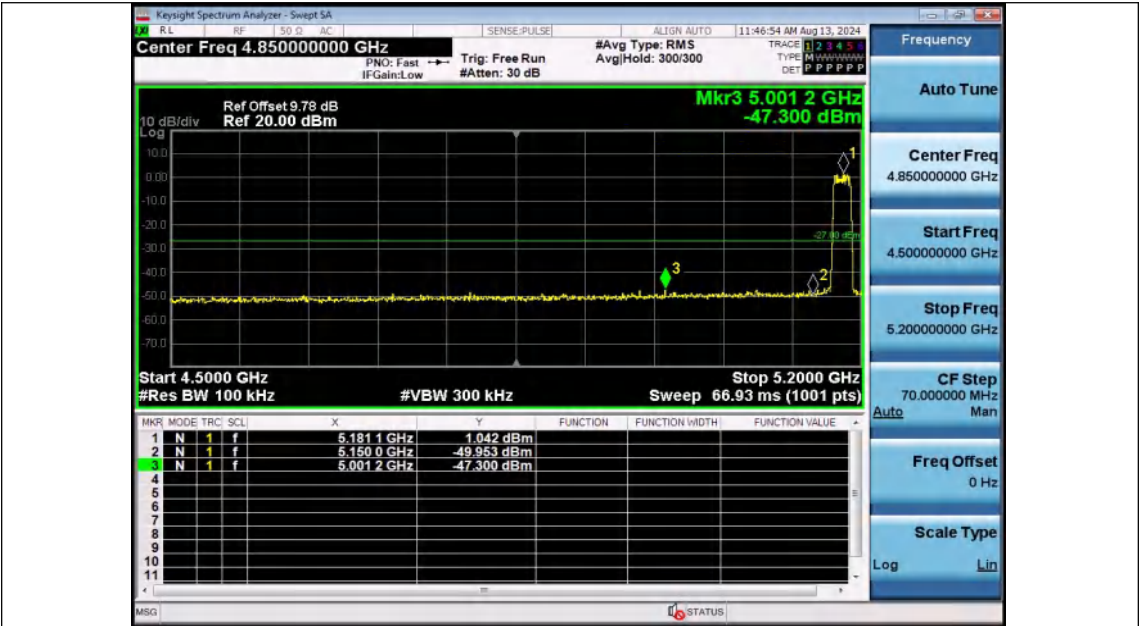
11N40SISO-Ant2-5310-PASS



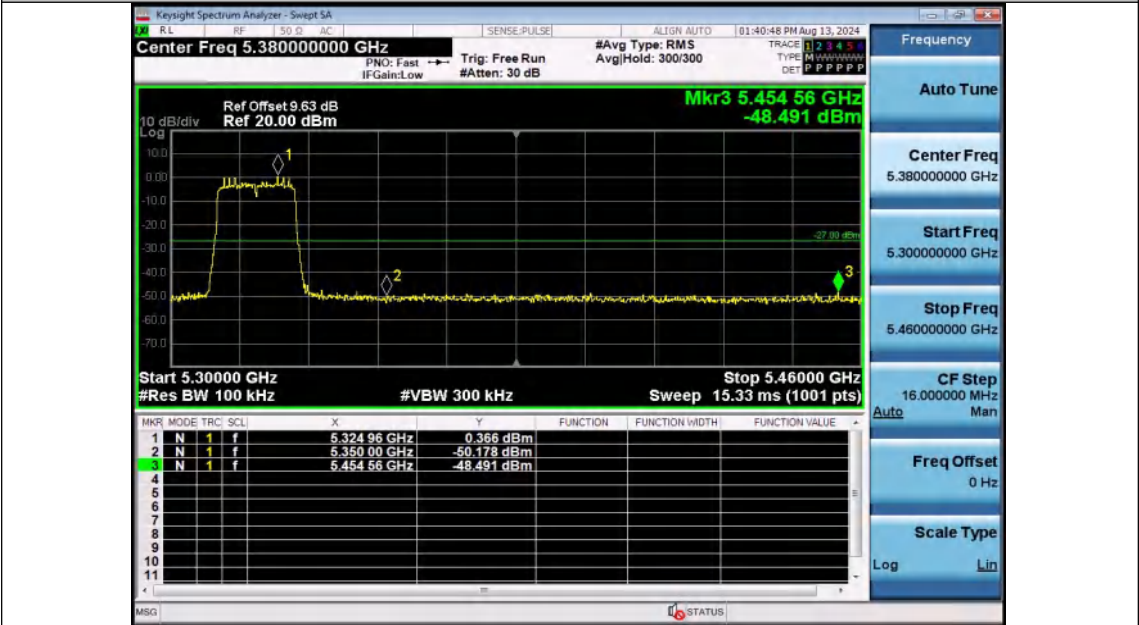
11N40SISO-Ant2-5510-PASS



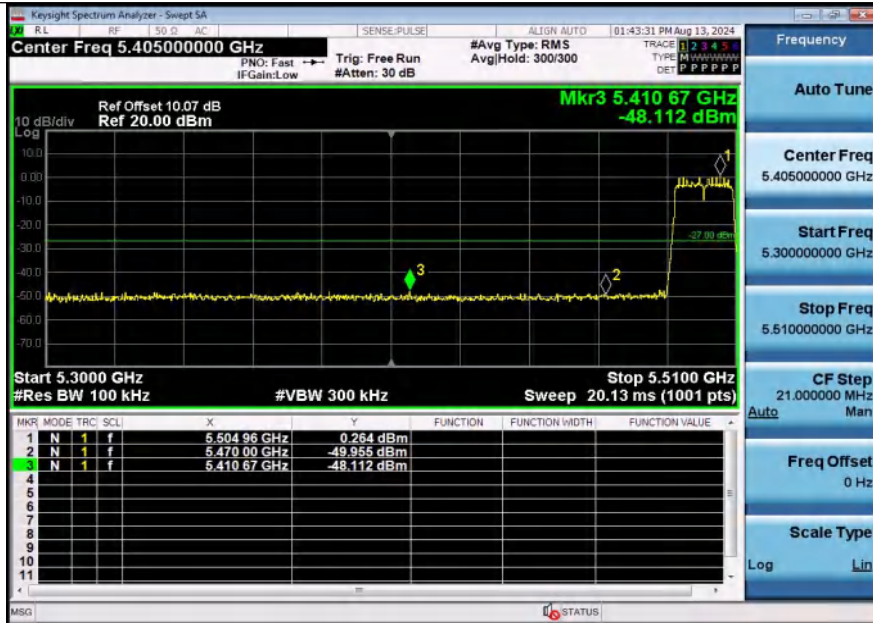
11N40SISO-Ant2-5670-PASS



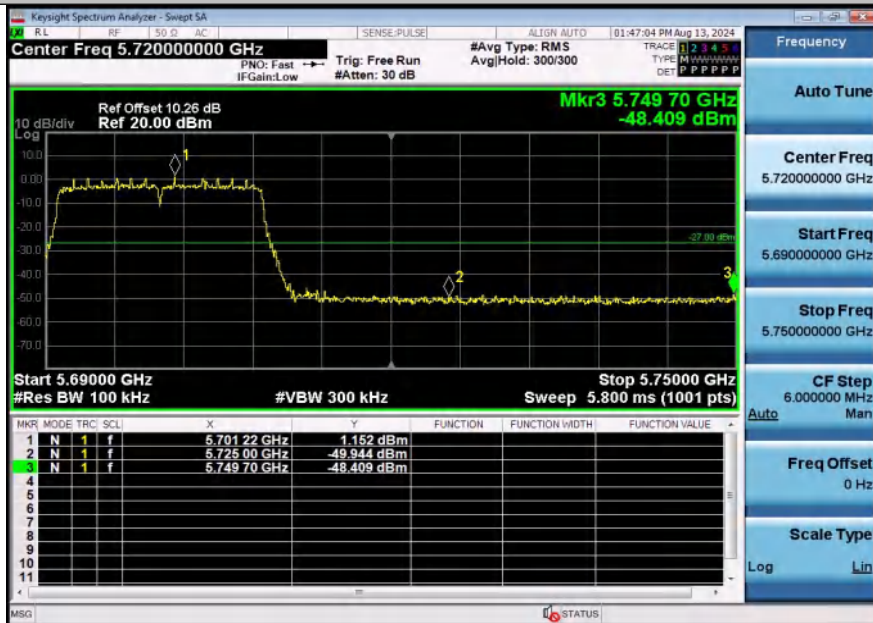
11AC20SISO-Ant2-5180-PASS



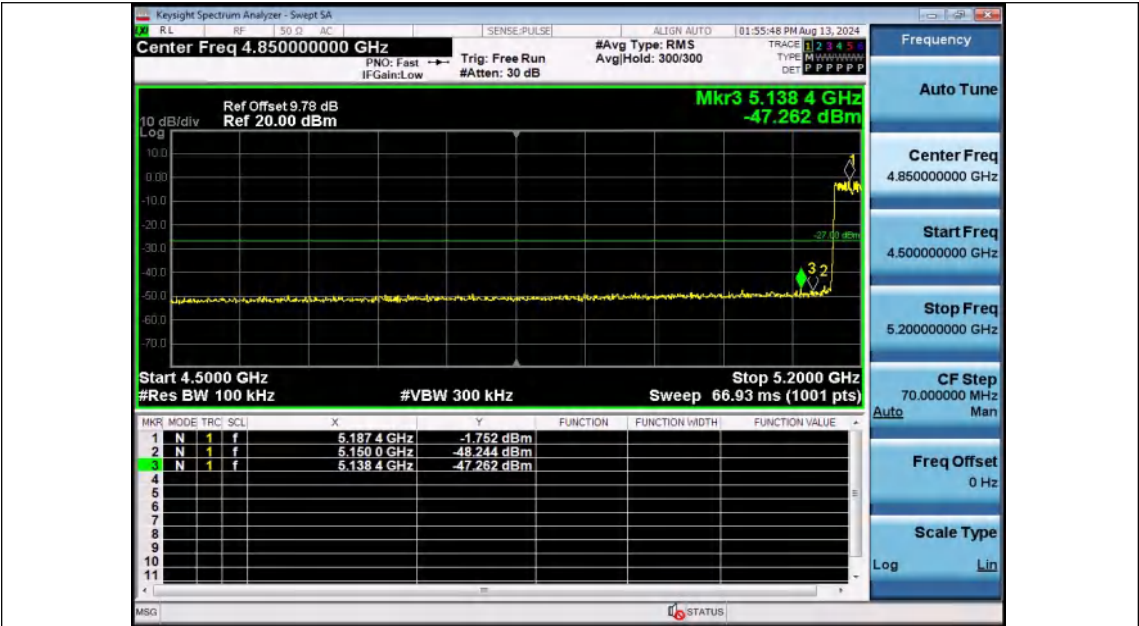
11AC20SISO-Ant2-5320-PASS



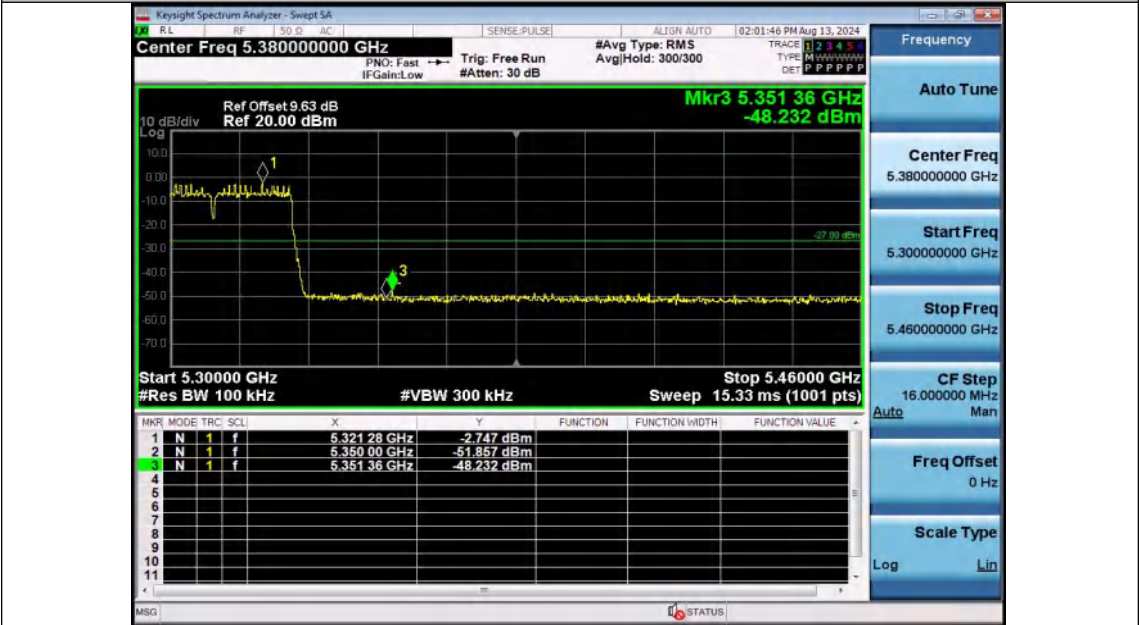
11AC20SISO-Ant2-5500-PASS



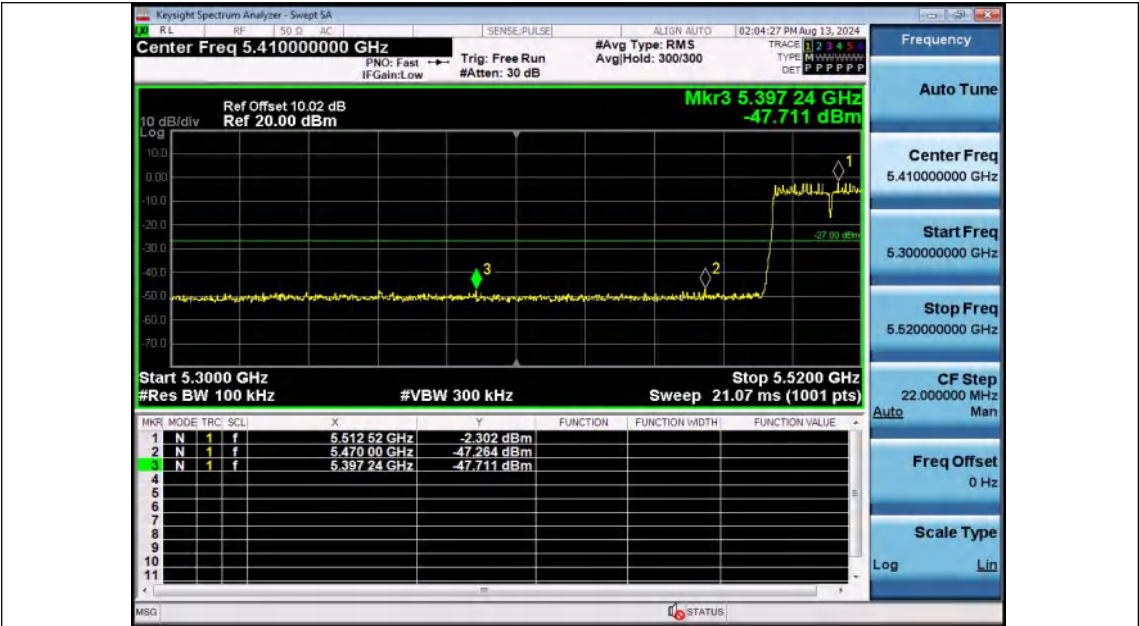
11AC20SISO-Ant2-5700-PASS



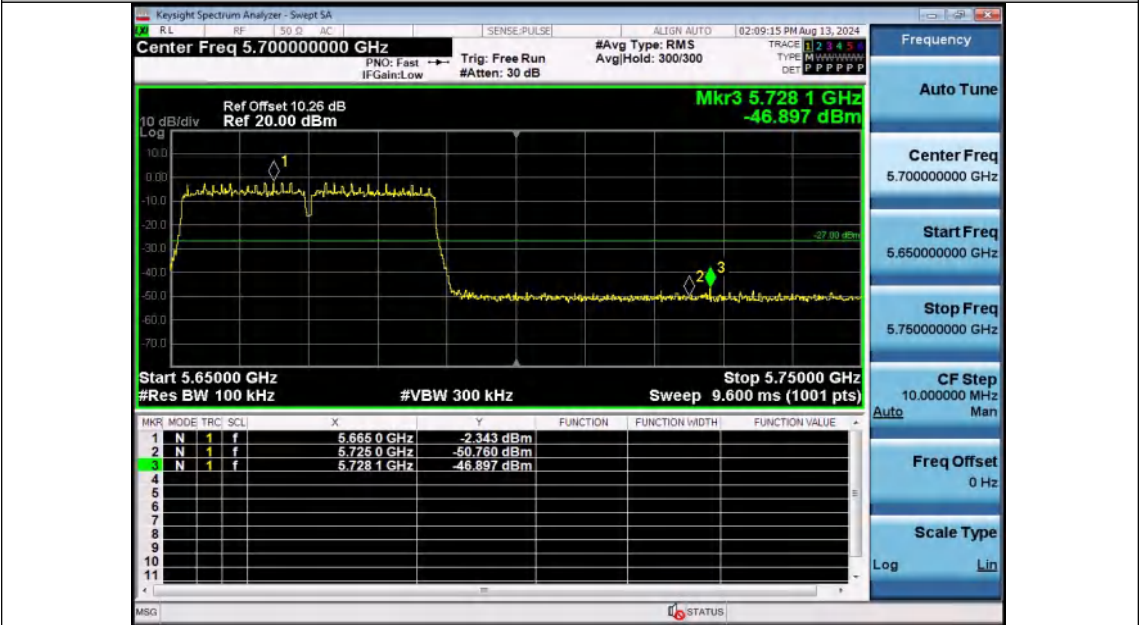
11AC40SISO-Ant2-5190-PASS



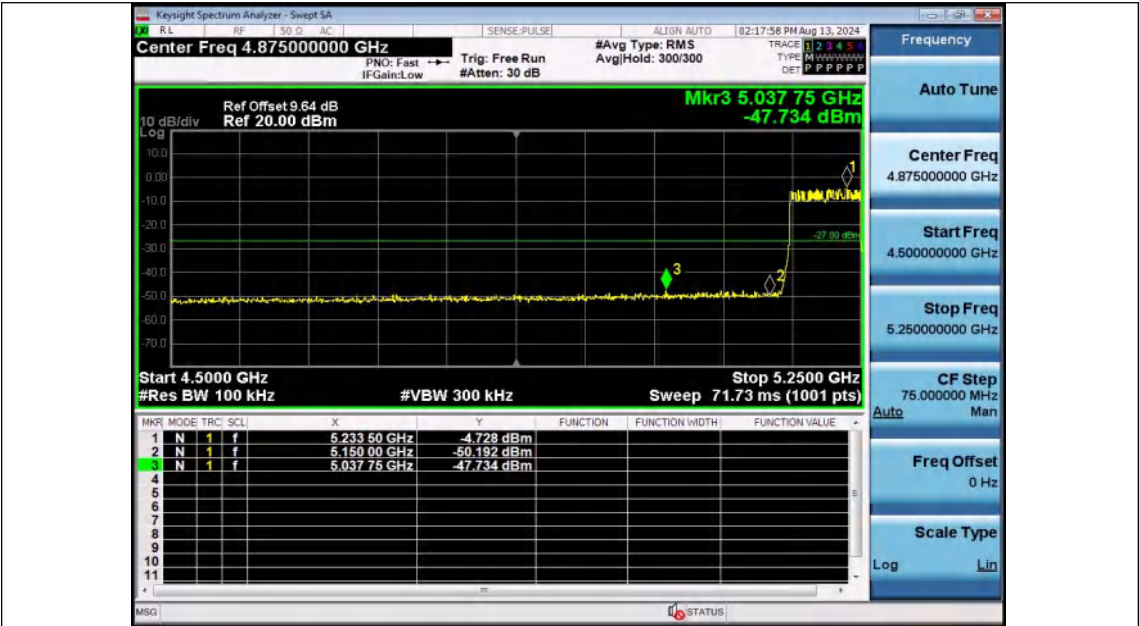
11AC40SISO-Ant2-5310-PASS



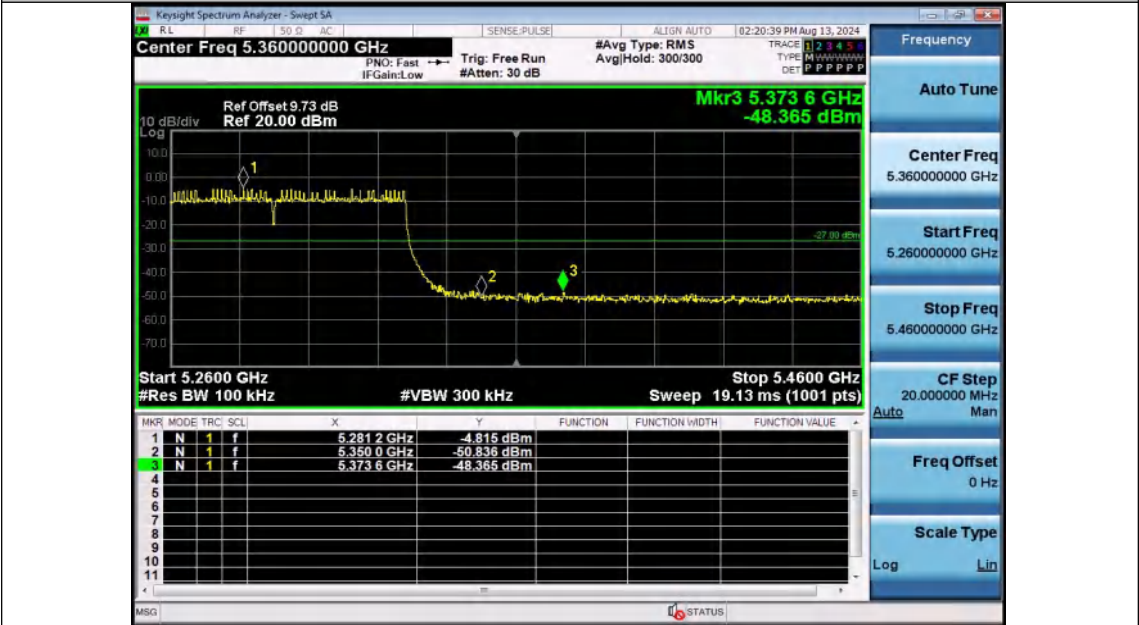
11AC40SISO-Ant2-5510-PASS



11AC40SISO-Ant2-5670-PASS



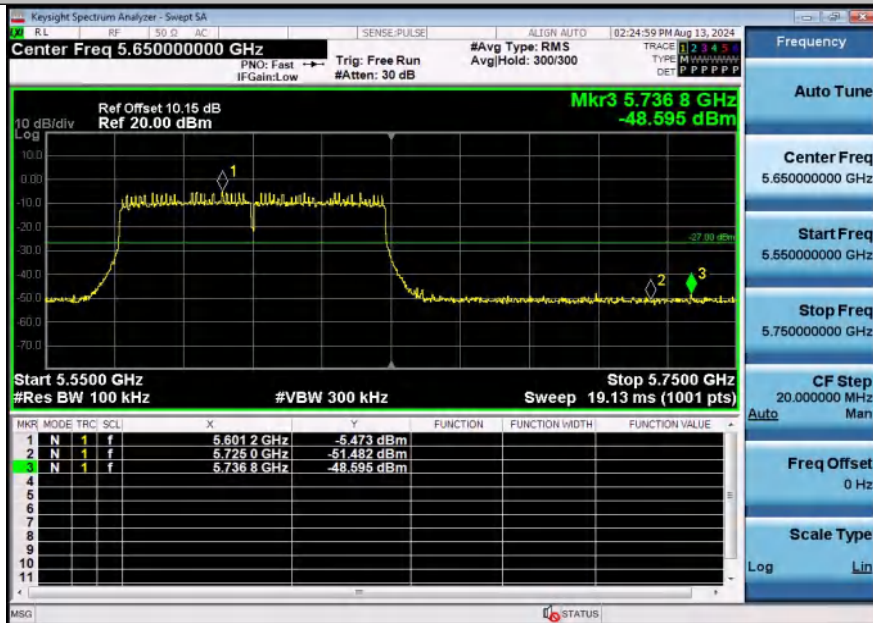
11AC80SISO-Ant2-5210-PASS



11AC80SISO-Ant2-5290-PASS



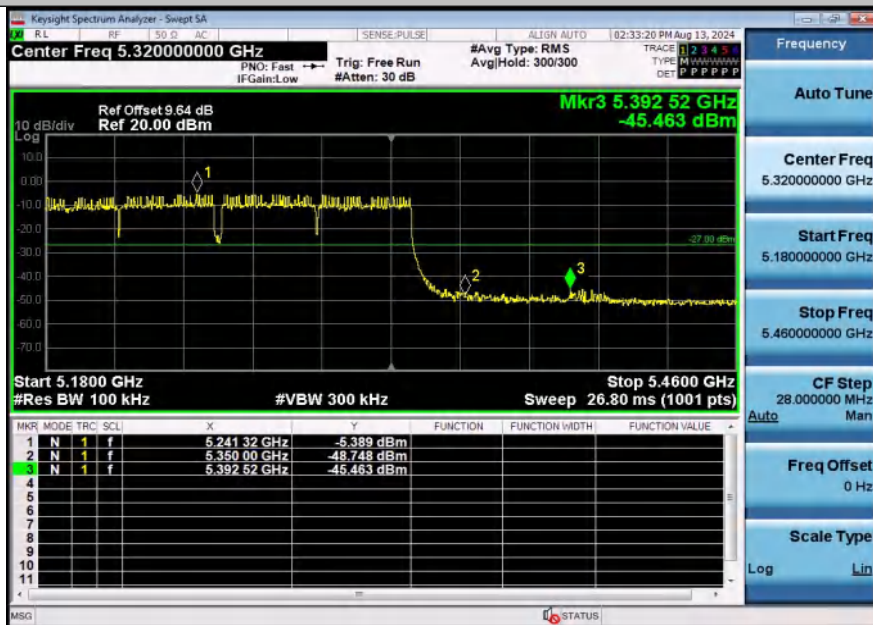
11AC80SISO-Ant2-5530-PASS



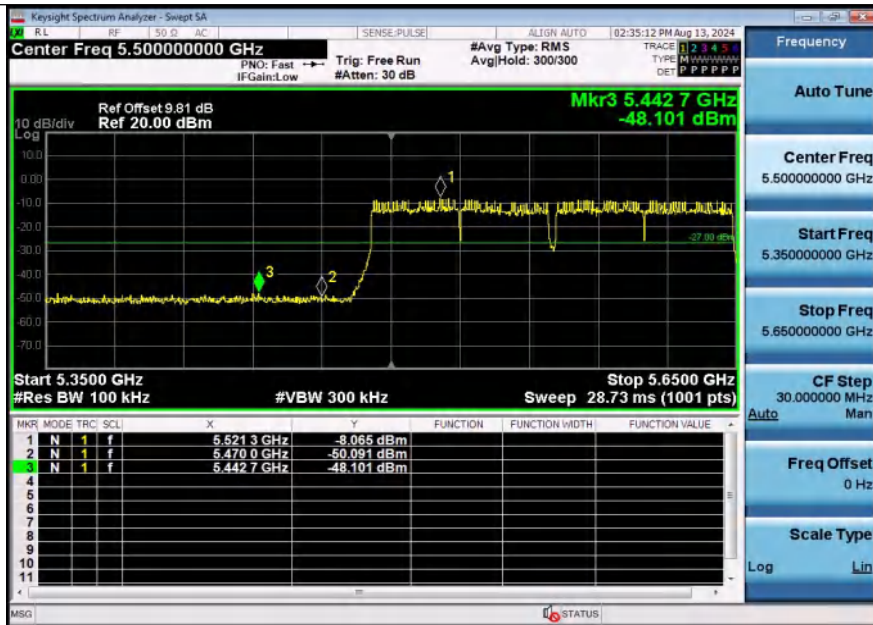
11AC80SISO-Ant2-5610-PASS



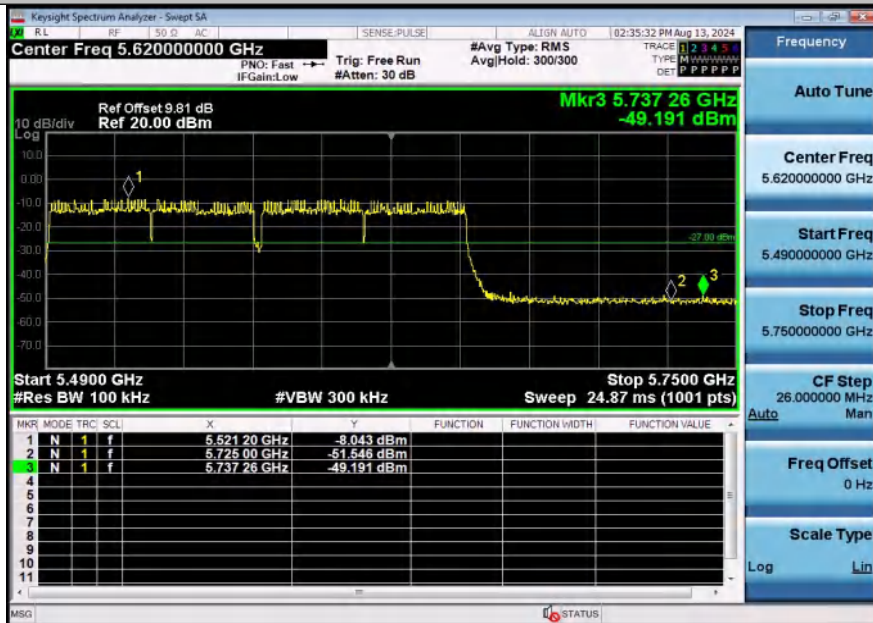
11AC160SISO-Ant2-5250-PASS



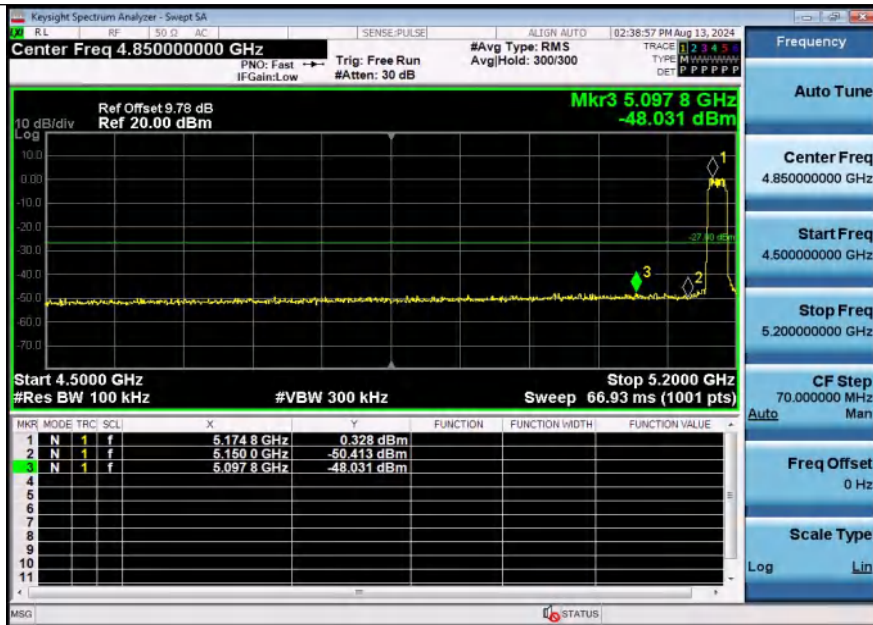
11AC160SISO-Ant2-5250-PASS



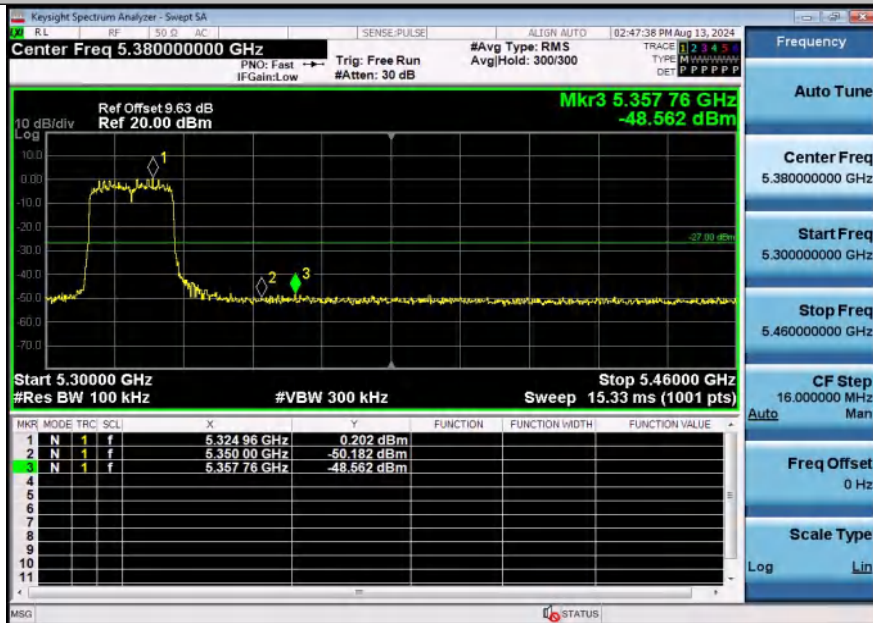
11AC160SISO-Ant2-5570-PASS



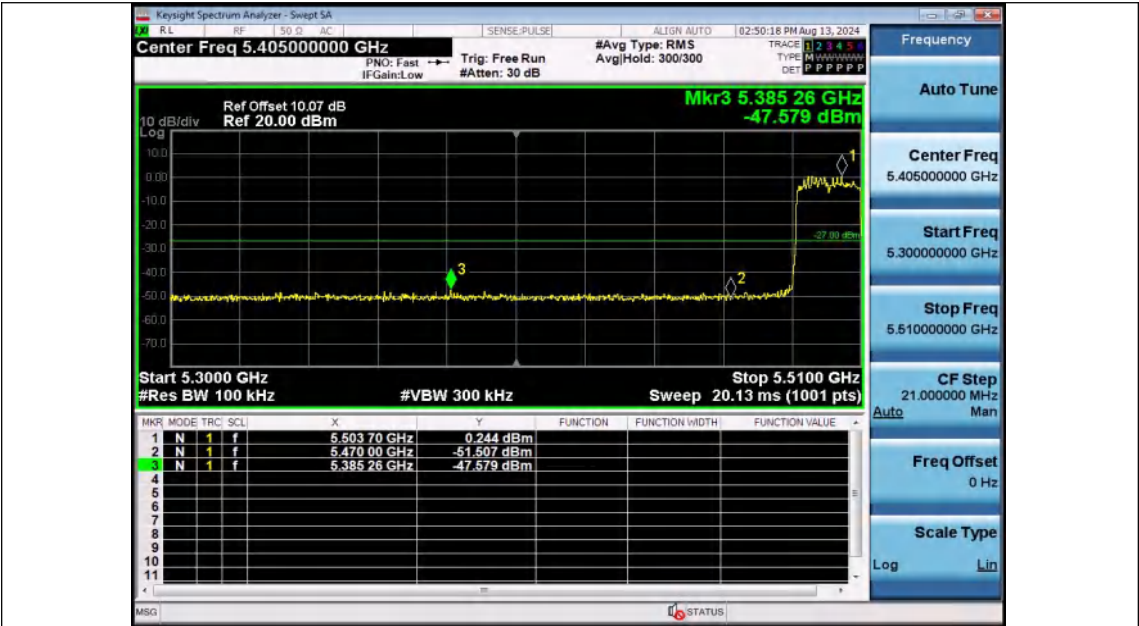
11AC160SISO-Ant2-5570-PASS



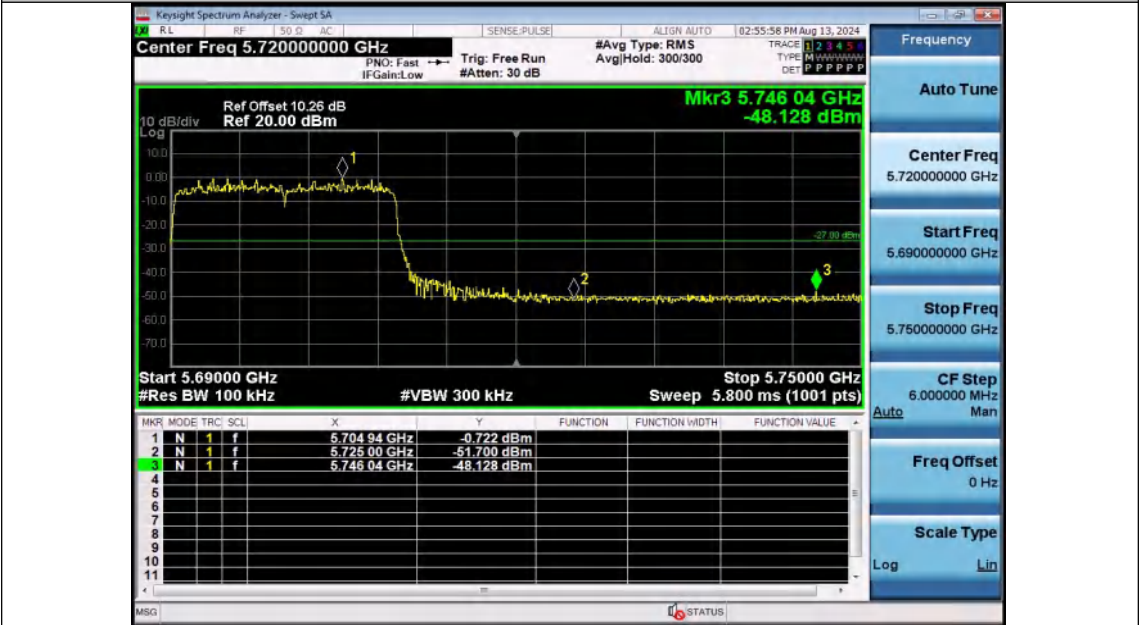
11AX20SISO-Ant2-5180-PASS



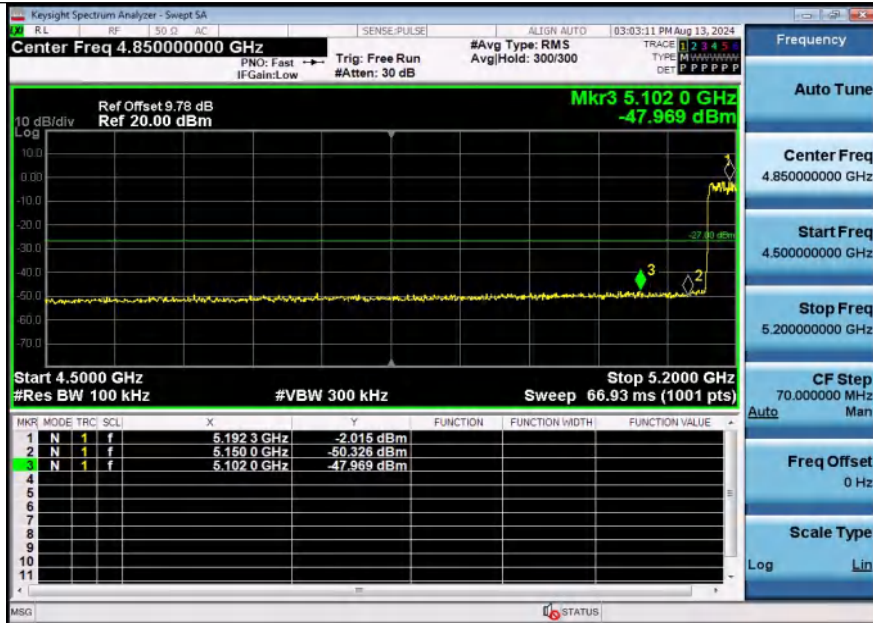
11AX20SISO-Ant2-5320-PASS



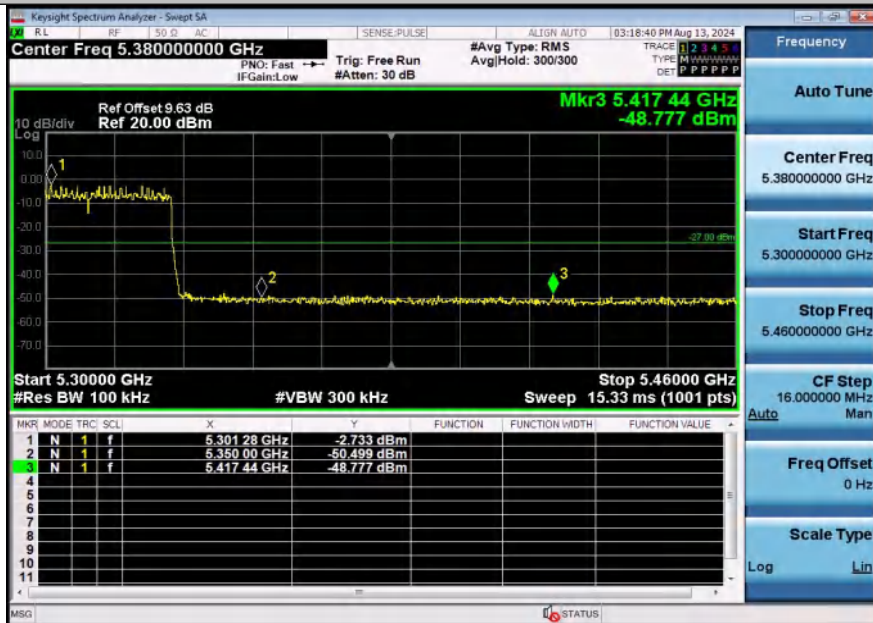
11AX20SISO-Ant2-5500-PASS



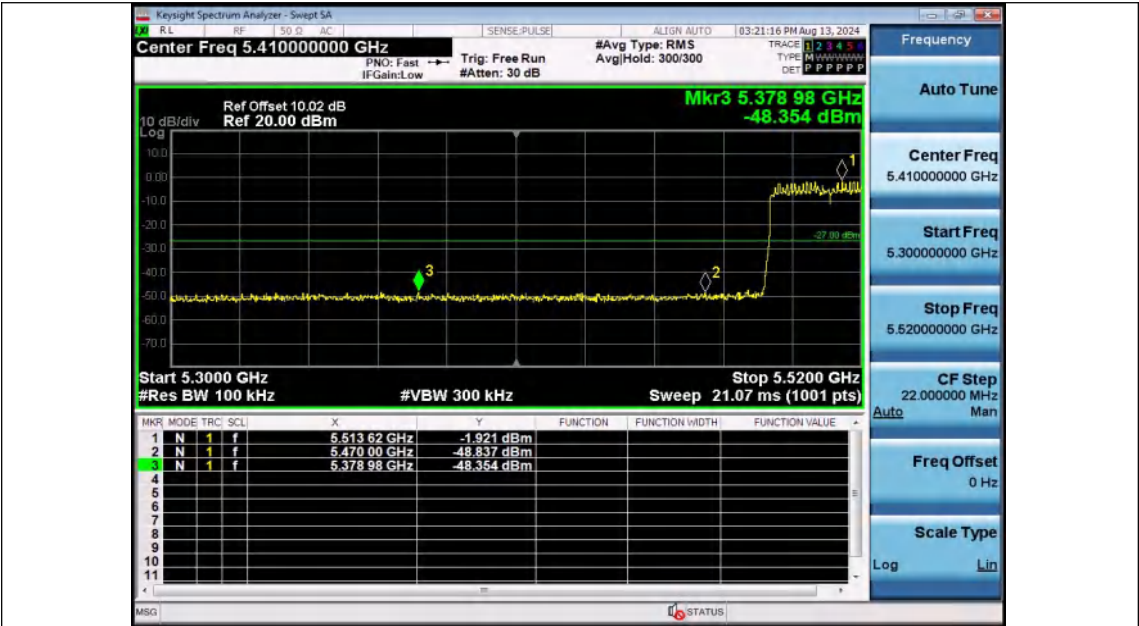
11AX20SISO-Ant2-5700-PASS



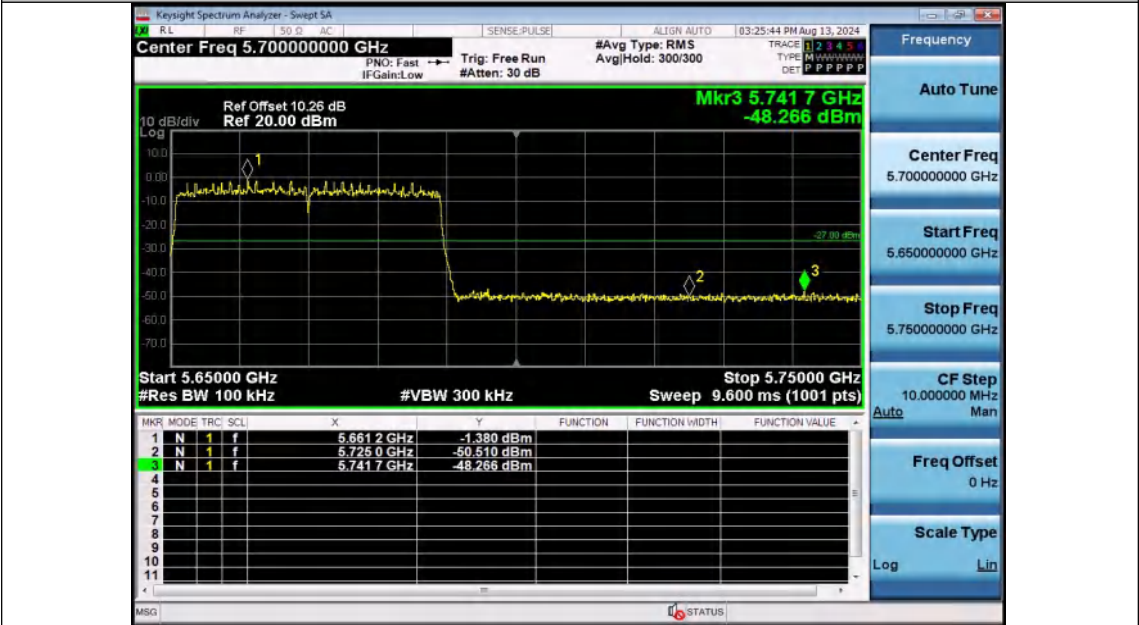
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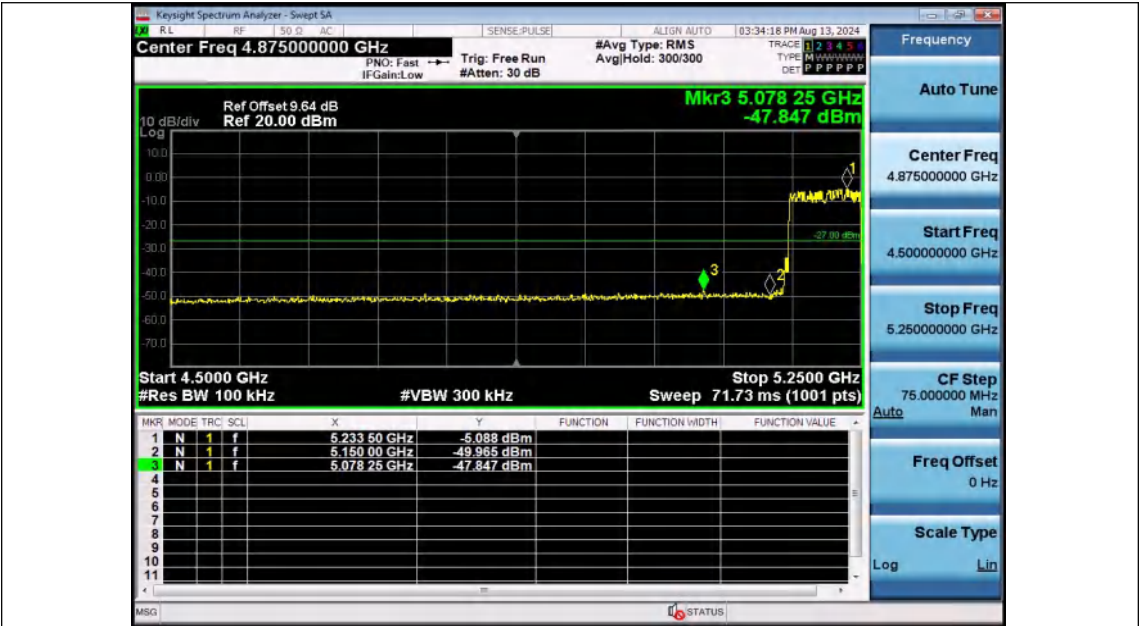
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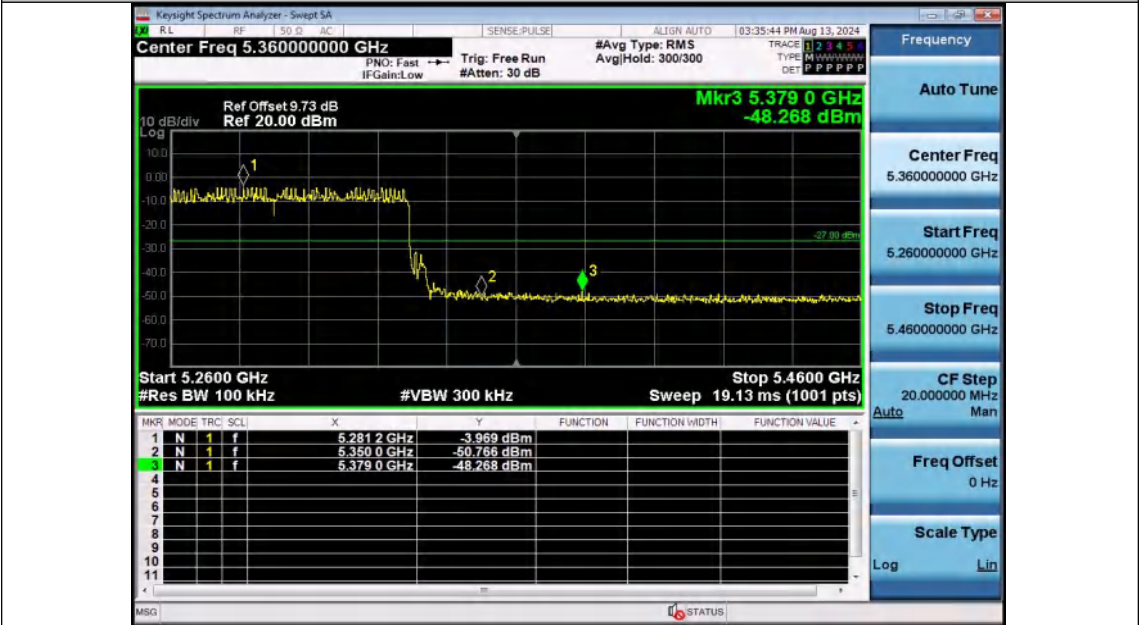
11AX40SISO-Ant2-5510-PASS



11AX40SISO-Ant2-5670-PASS



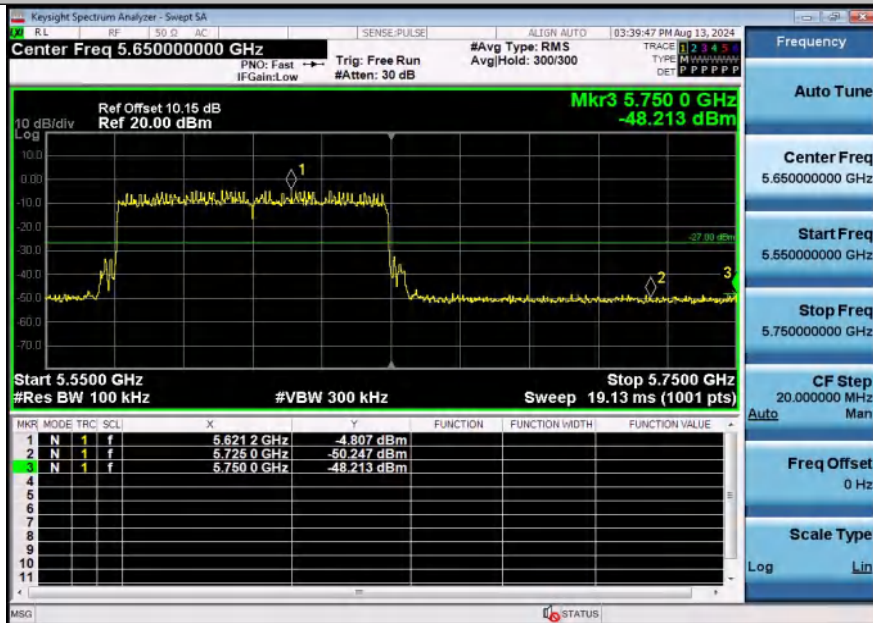
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11AX80SISO-Ant2-5290-PASS



11AX80SISO-Ant2-5530-PASS



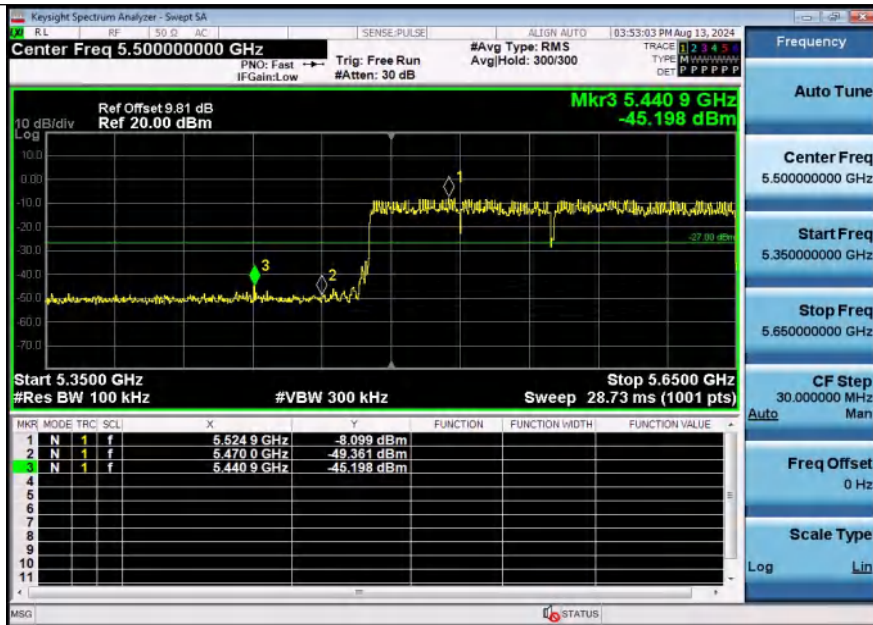
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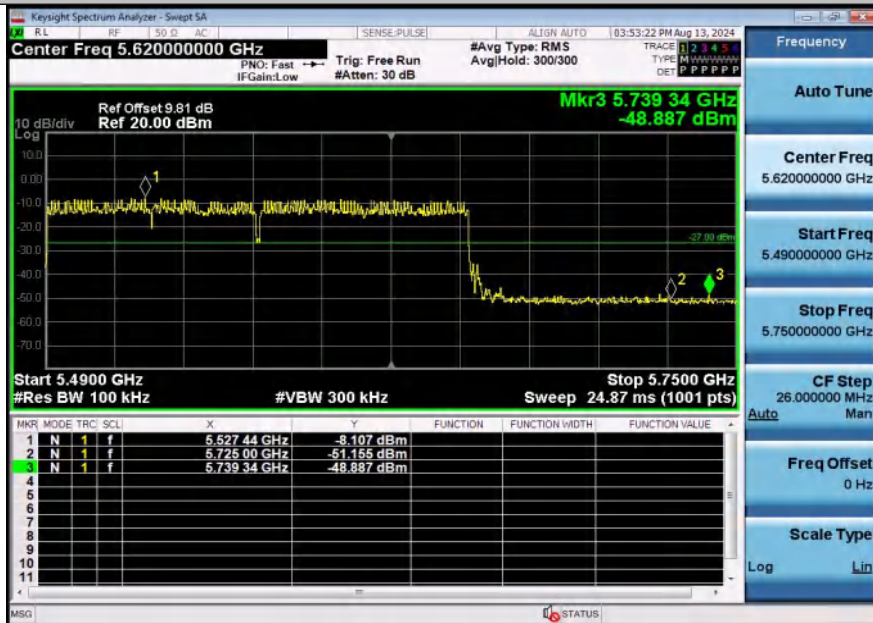
11AX160SISO-Ant2-5250-PASS



11AX160SISO-Ant2-5250-PASS

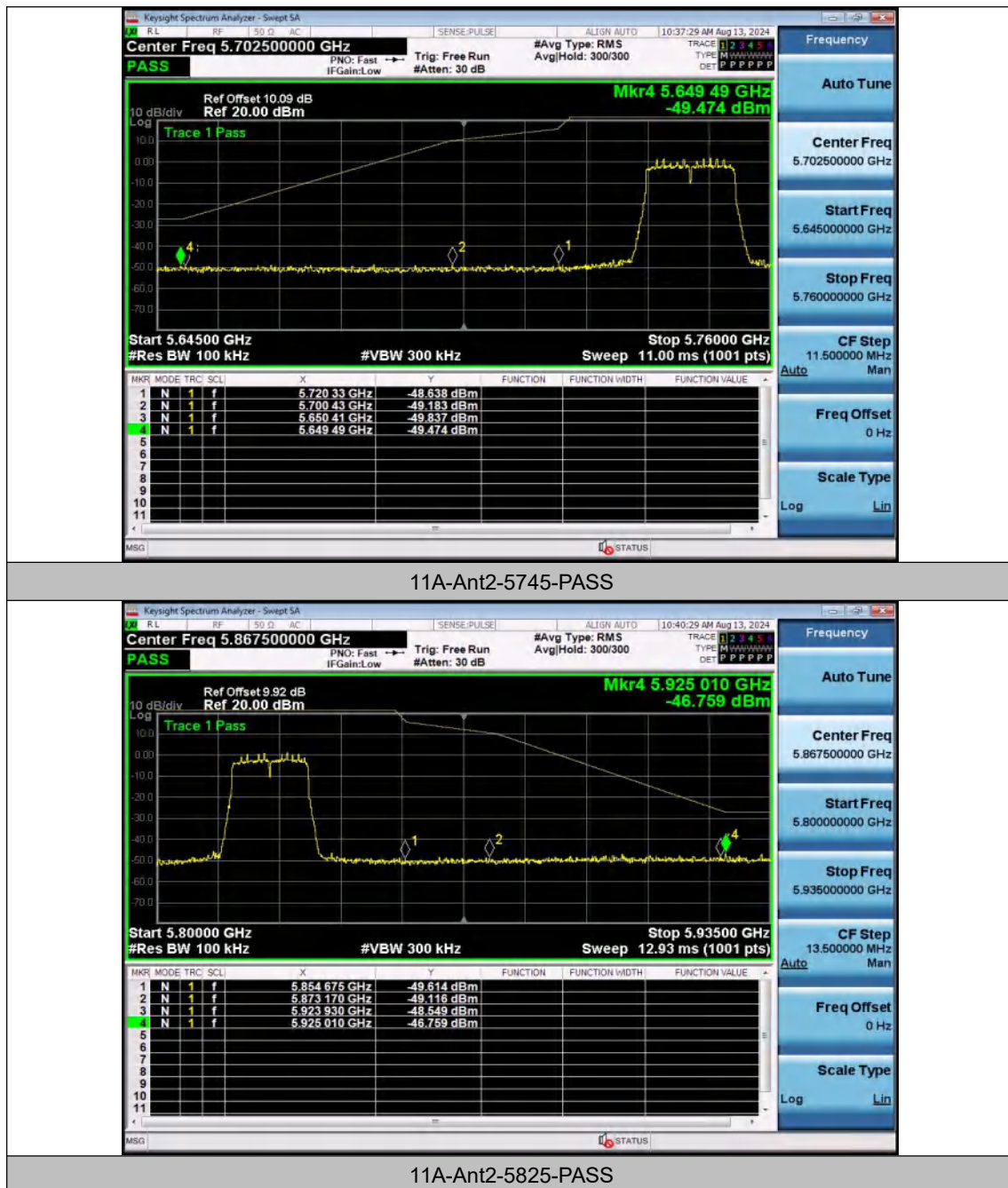


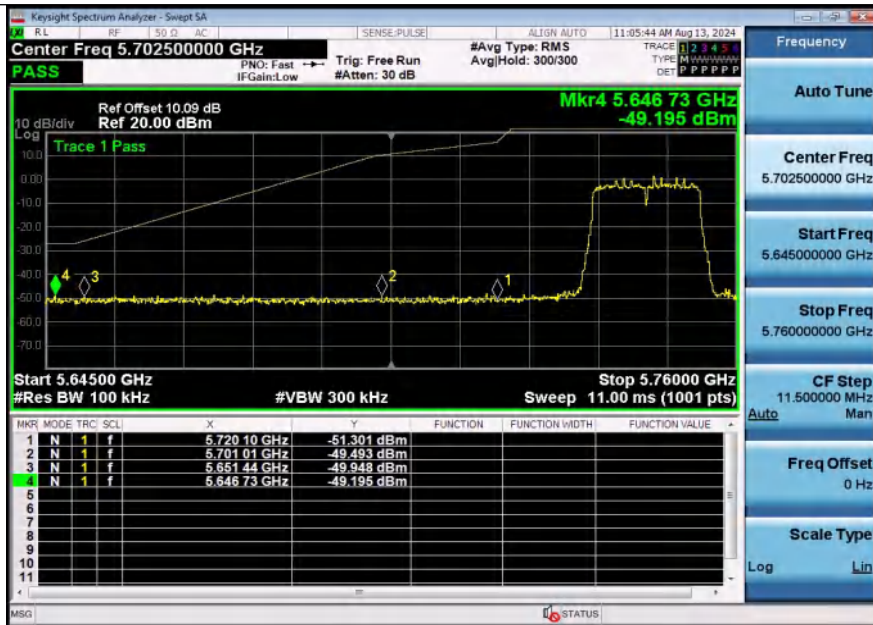
11AX160SISO-Ant2-5570-PASS



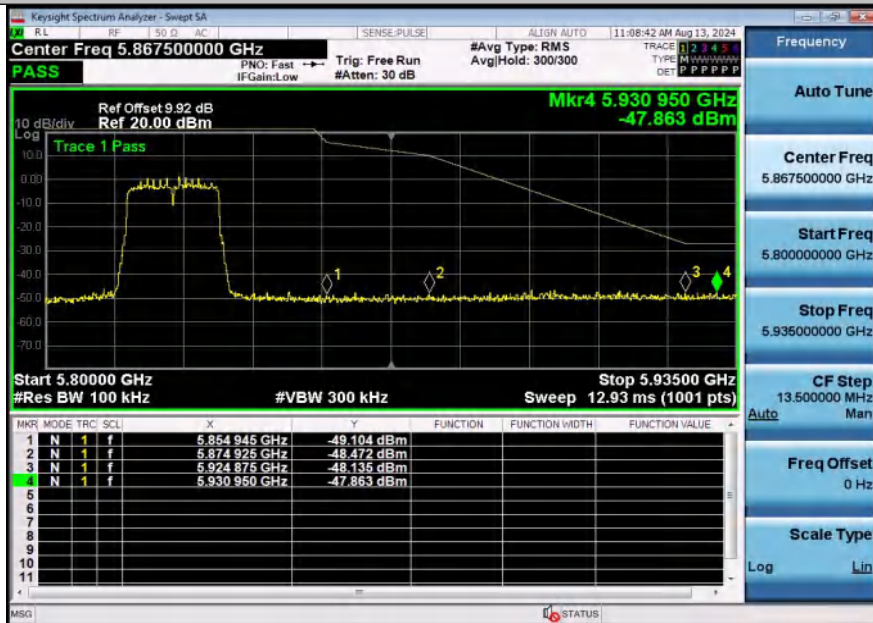
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Test Graphs B4

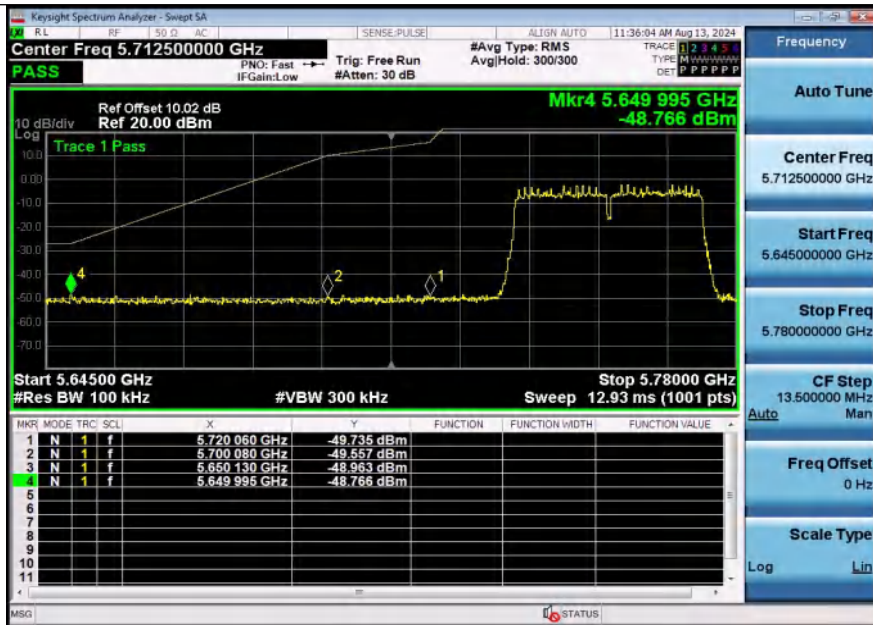




11N20SISO-Ant2-5745-PASS



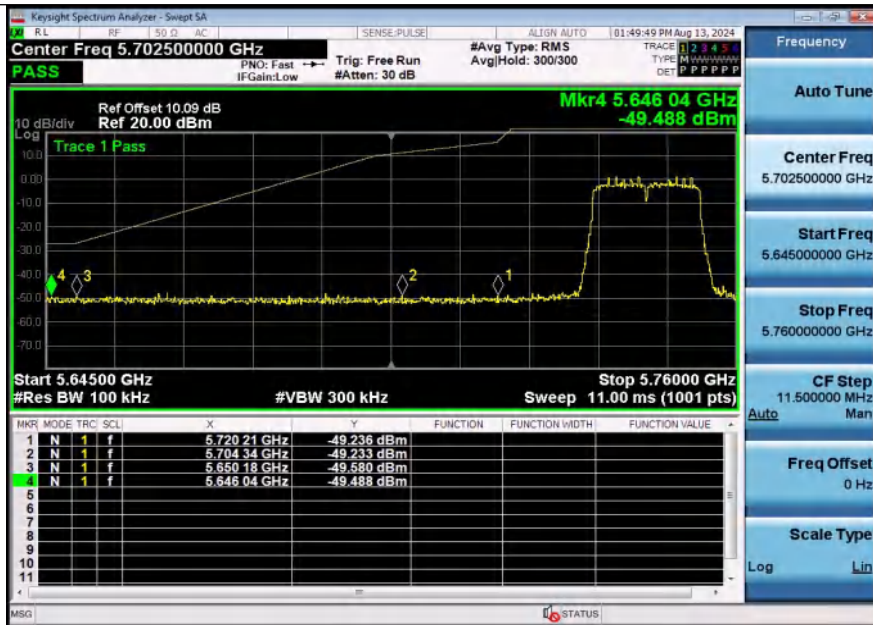
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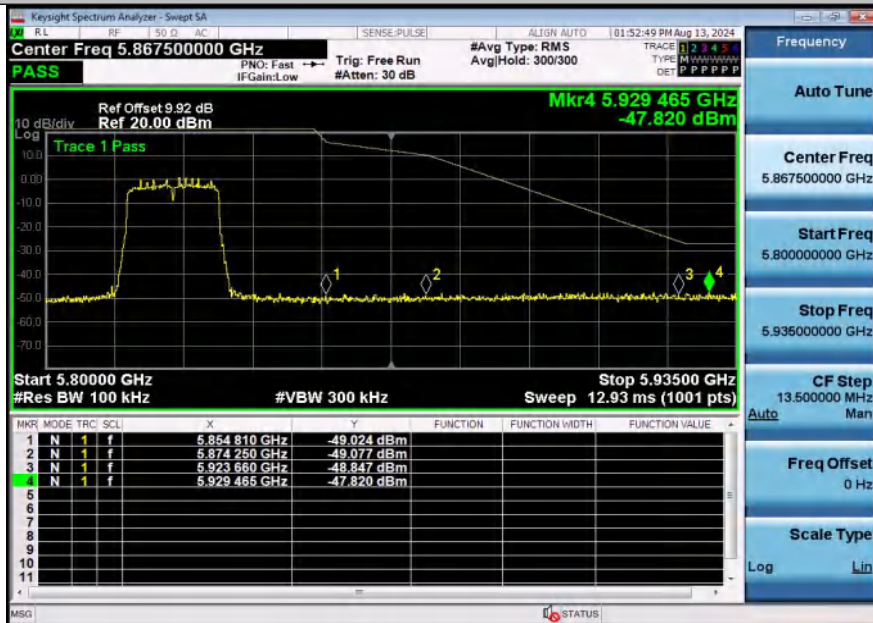
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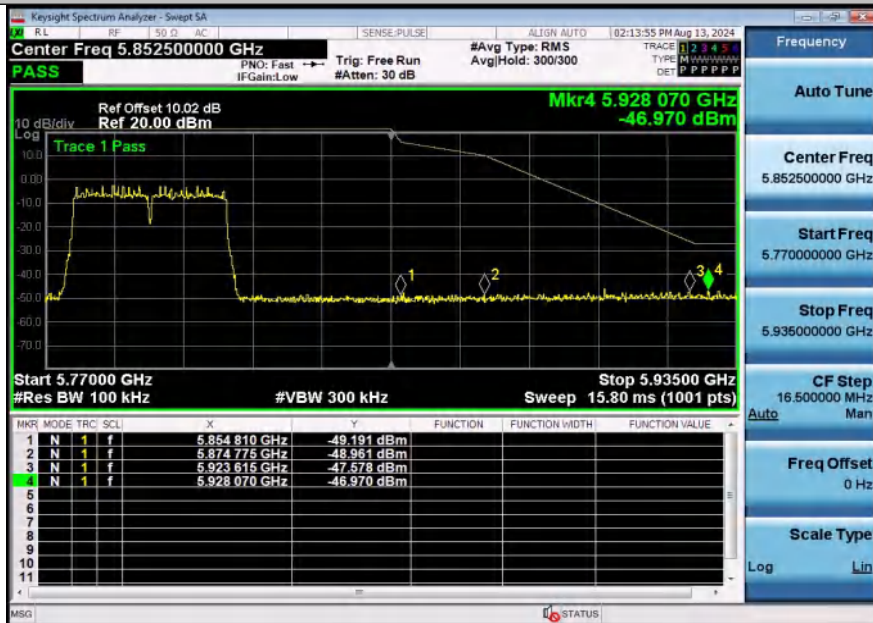
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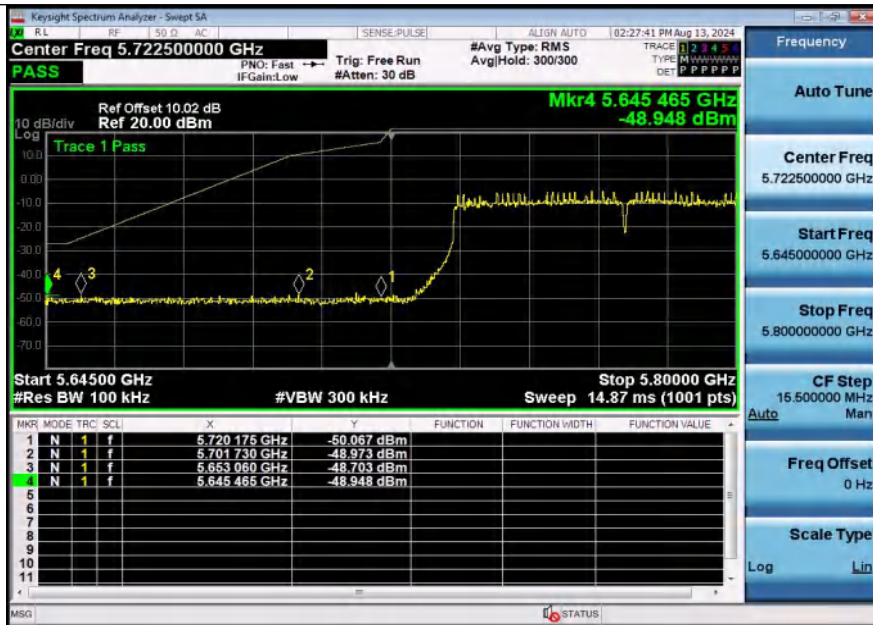
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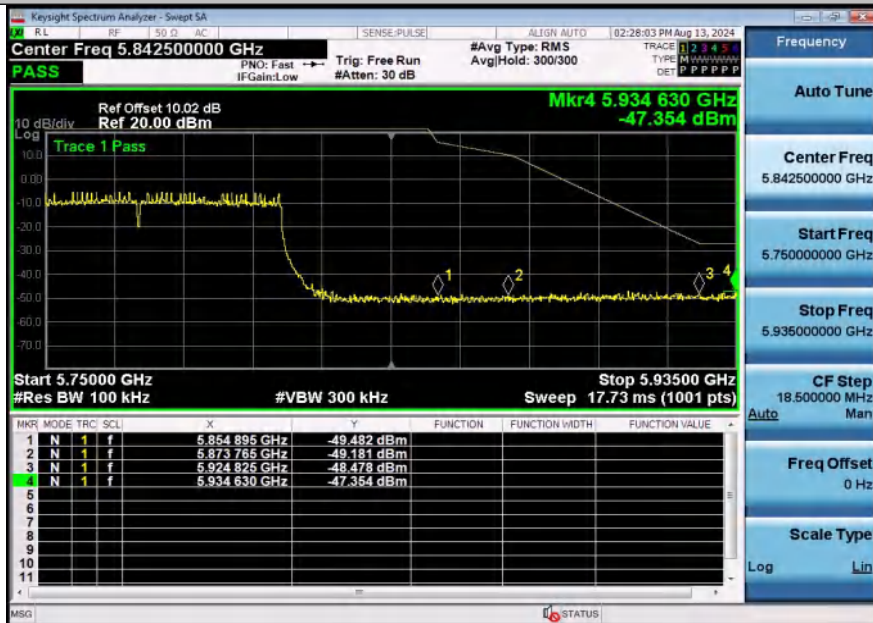
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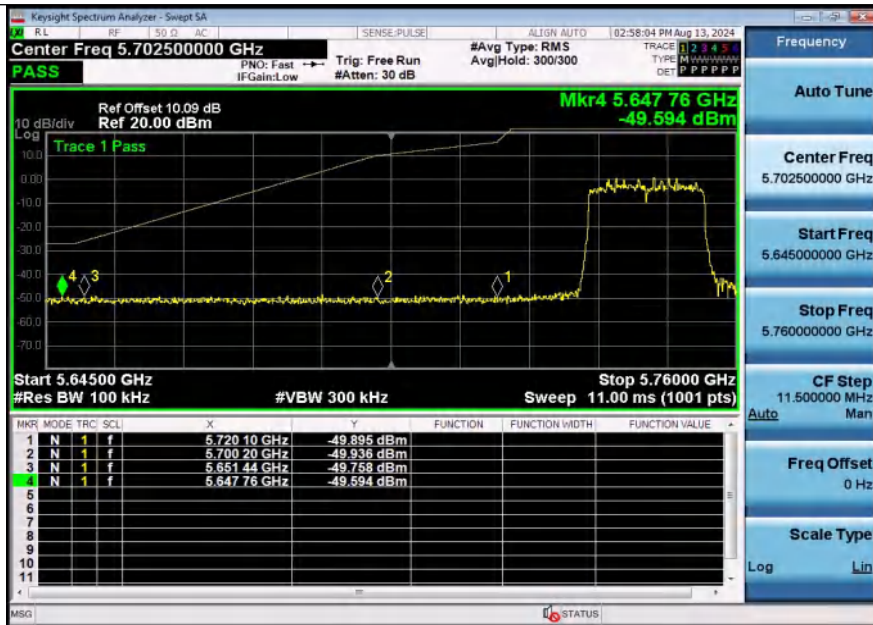
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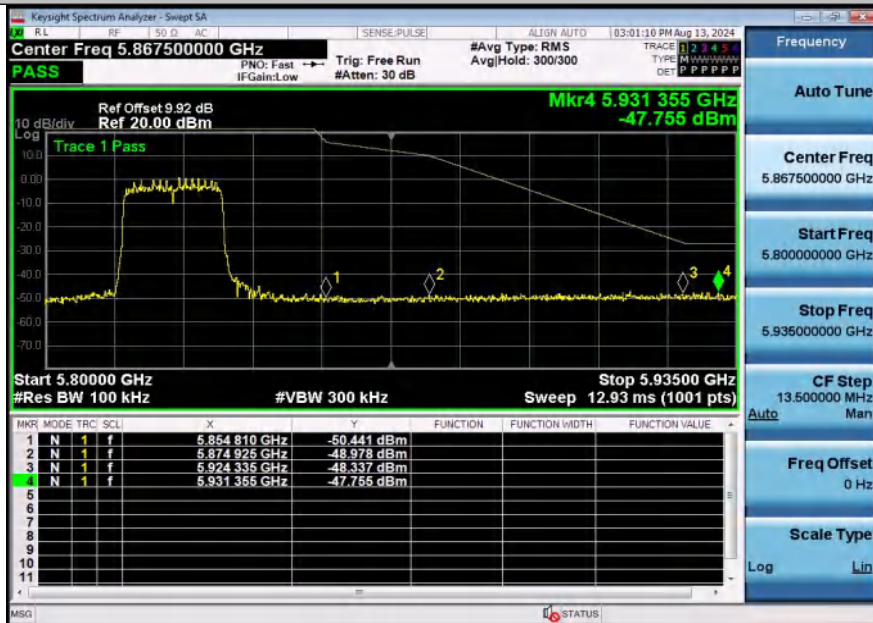
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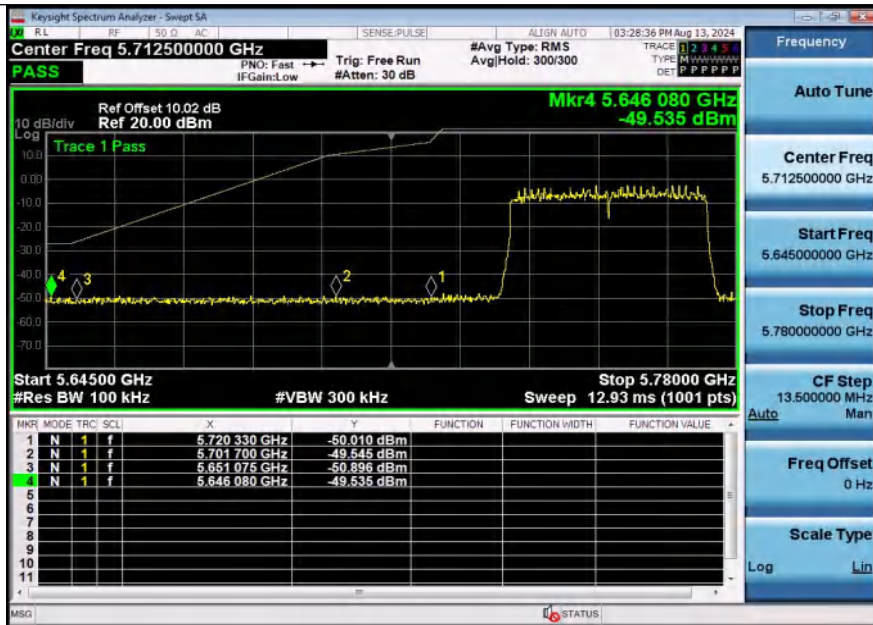
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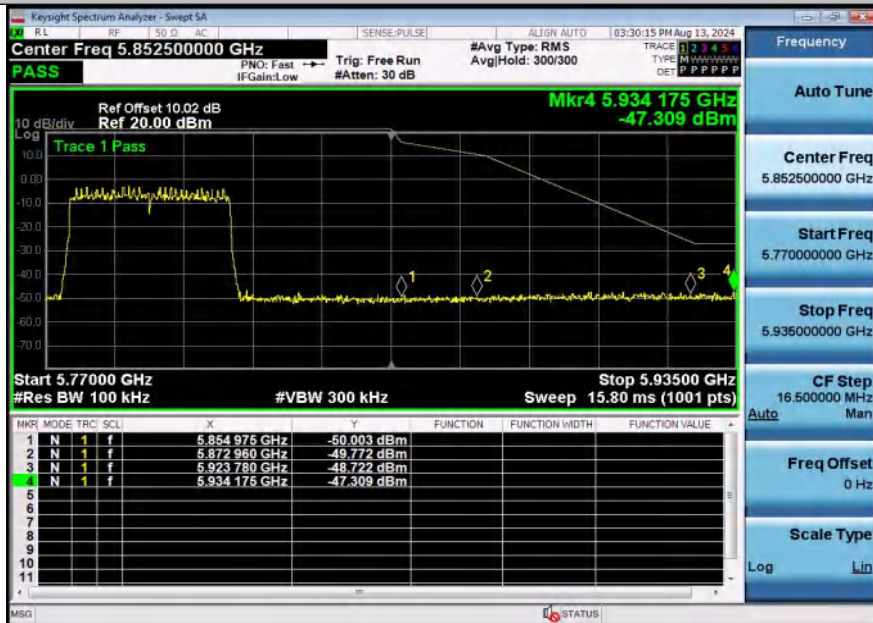
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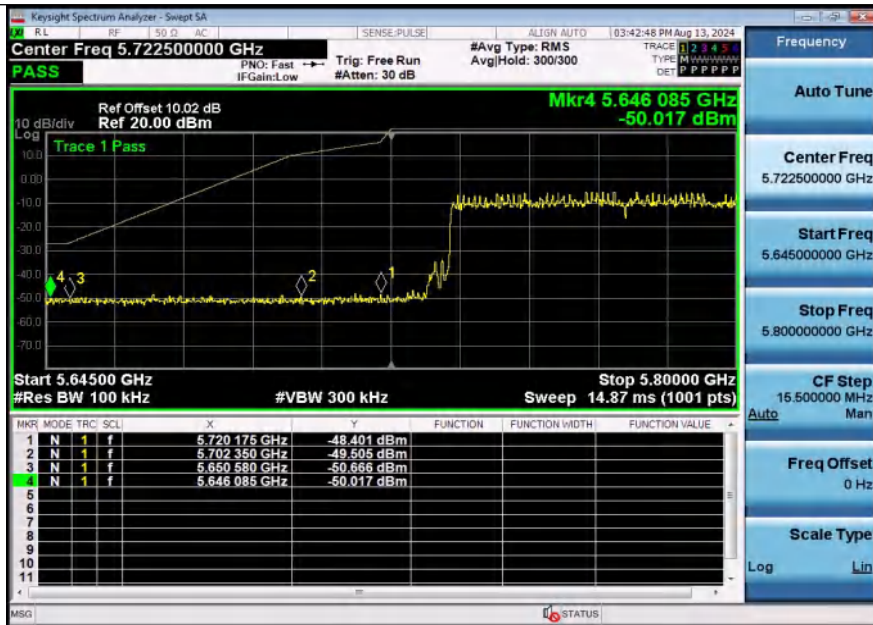
11AX20SISO-Ant2-5825-PASS



11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	146.58	0.02830	Within the band of operation	Pass
	-20	137.32	0.02651		
	-10	140.76	0.02717		
	0	133.25	0.02572		
	10	138.47	0.02673		
	20	136.81	0.02641		
	30	130.27	0.02515		
	40	145.35	0.02806		
	50	141.74	0.02736		
13.2	20	129.84	0.02507	Within the band of operation	Pass
10.8	20	135.72	0.02620		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	133.14	0.02531	Within the band of operation	Pass
	-20	142.87	0.02716		
	-10	137.01	0.02605		
	0	141.65	0.02693		
	10	148.55	0.02824		
	20	139.94	0.02660		
	30	135.25	0.02571		
	40	146.92	0.02793		
	50	137.14	0.02607		
13.2	20	130.87	0.02488	Within the band of operation	Pass
10.8	20	135.01	0.02567		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	142.26	0.02587	Within the band of operation	Pass
	-20	136.82	0.02488		
	-10	135.06	0.02456		
	0	144.49	0.02627		
	10	131.95	0.02399		
	20	140.61	0.02557		
	30	138.91	0.02526		
	40	136.09	0.02474		
	50	132.60	0.02411		
13.2	20	146.42	0.02662	Within the band of operation	Pass
10.8	20	148.41	0.02698		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	153.01	0.02663	Within the band of operation	Pass
	-20	141.79	0.02468		
	-10	139.06	0.02421		
	0	134.84	0.02347		
	10	147.91	0.02575		
	20	150.06	0.02612		
	30	138.08	0.02403		
	40	146.92	0.02557		
	50	151.83	0.02643		
13.2	20	144.64	0.02518	Within the band of operation	Pass
10.8	20	143.93	0.02505		

Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	135.31	0.02612	Within the band of operation	Pass
	-20	130.02	0.02510		
	-10	143.91	0.02778		
	0	145.66	0.02812		
	10	138.30	0.02670		
	20	147.09	0.02840		
	30	142.14	0.02744		
	40	137.17	0.02648		
	50	133.40	0.02575		
13.2	20	140.35	0.02709	Within the band of operation	Pass
10.8	20	139.31	0.02689		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	141.45	0.02689	Within the band of operation	Pass
	-20	130.94	0.02489		
	-10	135.47	0.02575		
	0	132.26	0.02514		
	10	146.56	0.02786		
	20	141.99	0.02699		
	30	134.73	0.02561		
	40	130.22	0.02476		
	50	139.30	0.02648		
13.2	20	135.77	0.02581	Within the band of operation	Pass
10.8	20	142.62	0.02711		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	143.23	0.02604	Within the band of operation	Pass
	-20	136.89	0.02489		
	-10	132.99	0.02418		
	0	130.96	0.02381		
	10	141.72	0.02577		
	20	146.27	0.02659		
	30	137.46	0.02499		
	40	143.09	0.02602		
	50	136.23	0.02477		
13.2	20	142.89	0.02598		
10.8	20	138.09	0.02511		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	137.86	0.02400	Within the band of operation	Pass
	-20	143.40	0.02496		
	-10	146.29	0.02546		
	0	135.05	0.02351		
	10	139.72	0.02432		
	20	131.66	0.02292		
	30	142.82	0.02486		
	40	135.34	0.02356		
	50	138.25	0.02406		
13.2	20	132.86	0.02313		
10.8	20	137.40	0.02392		