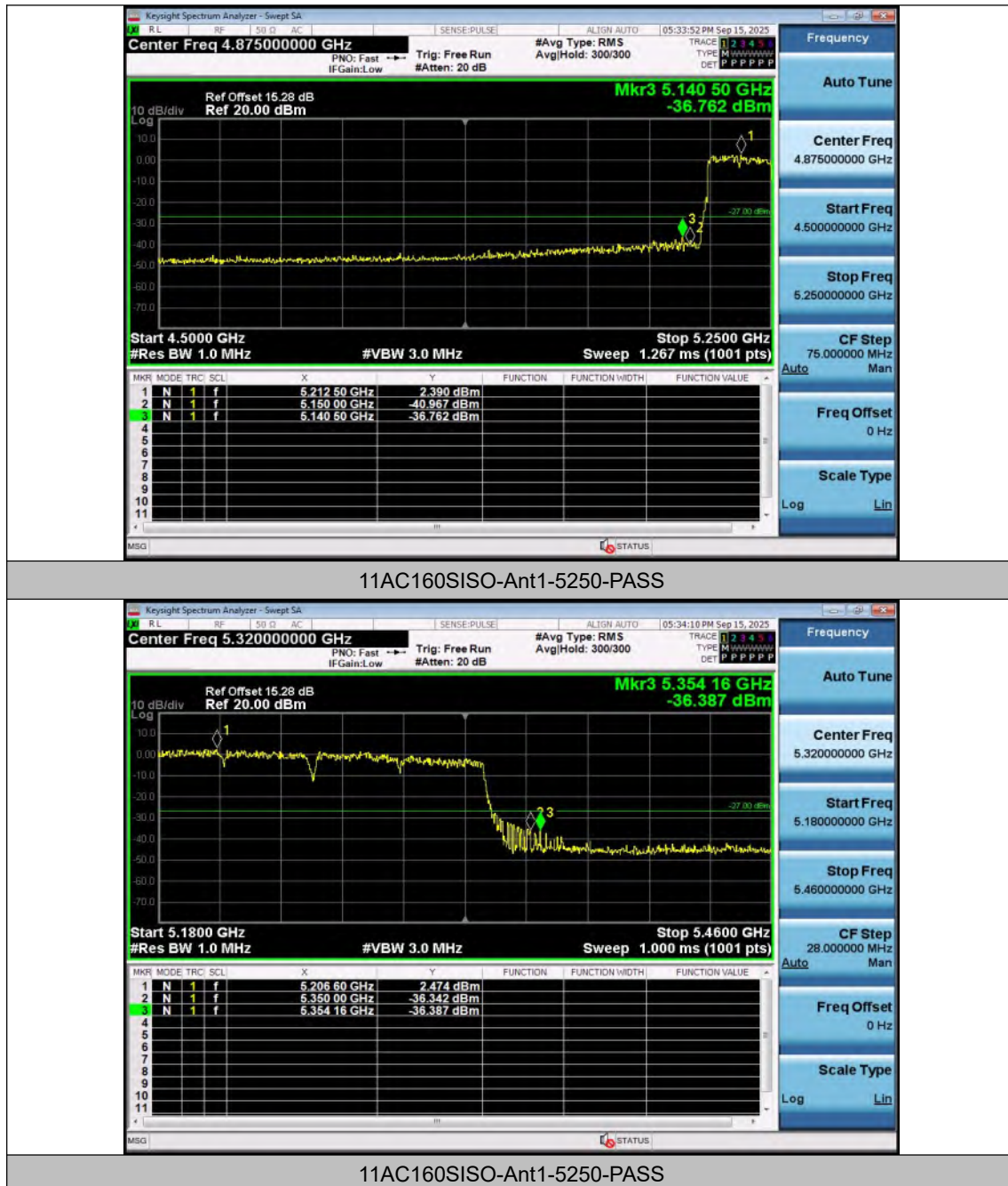




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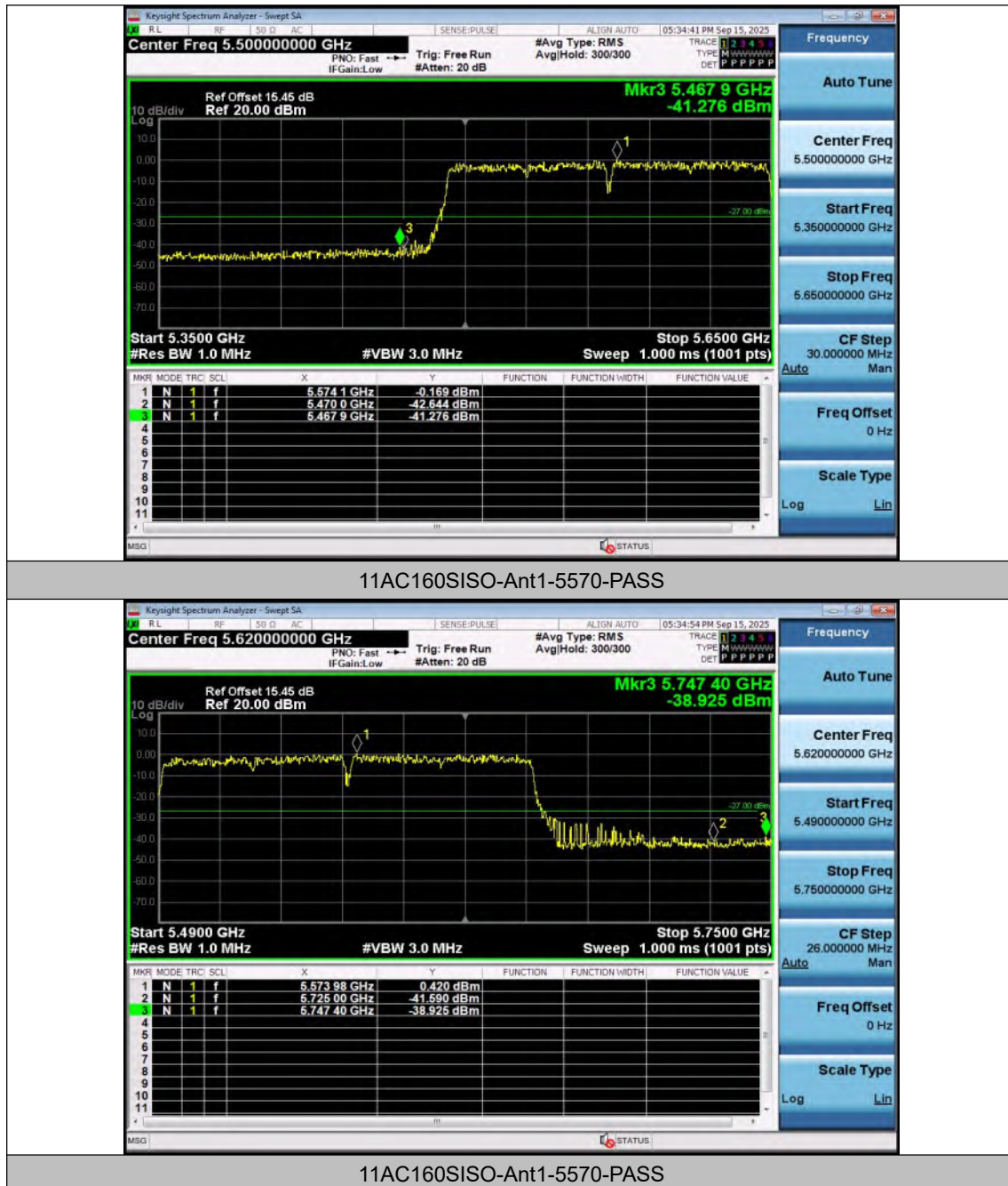




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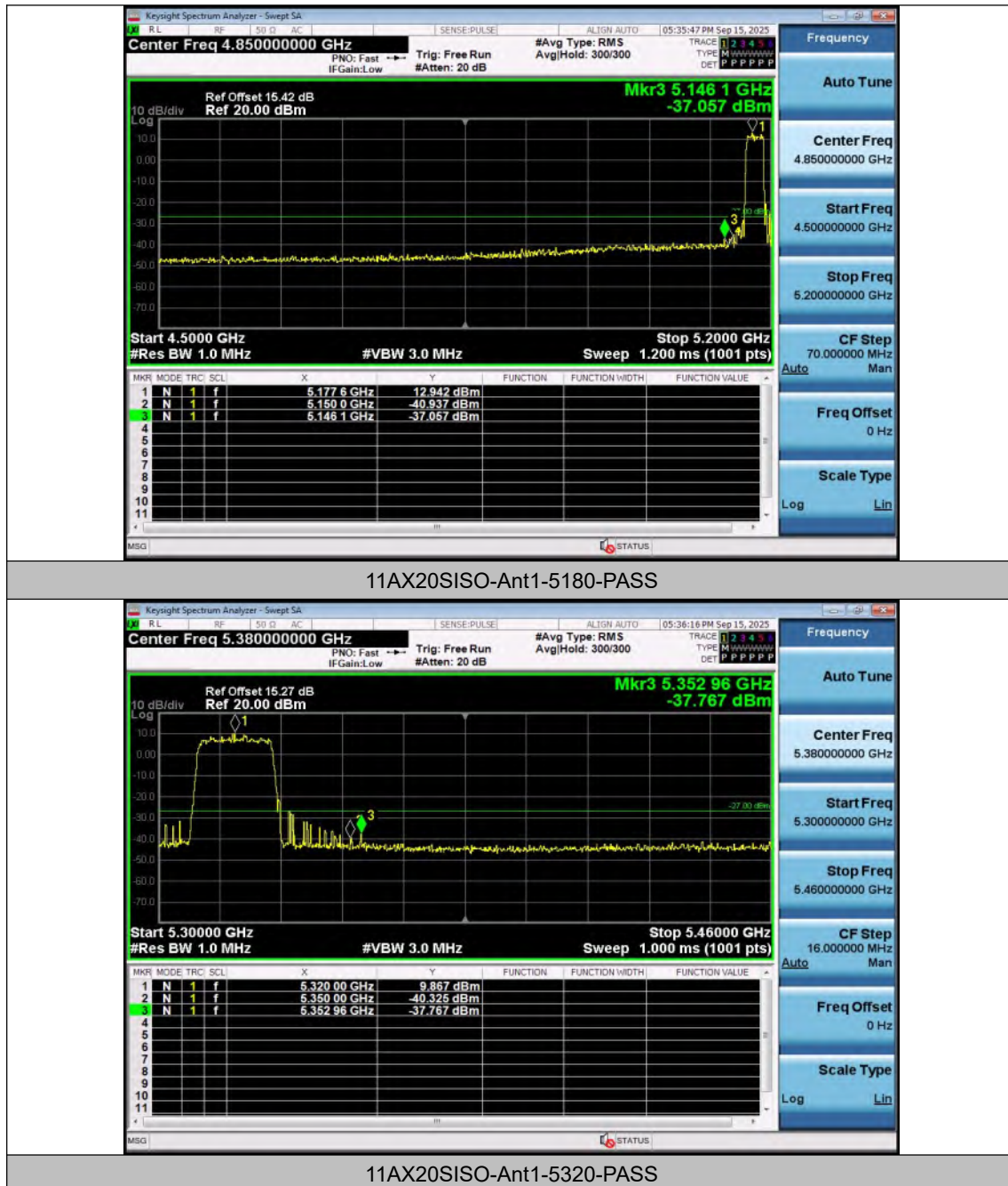
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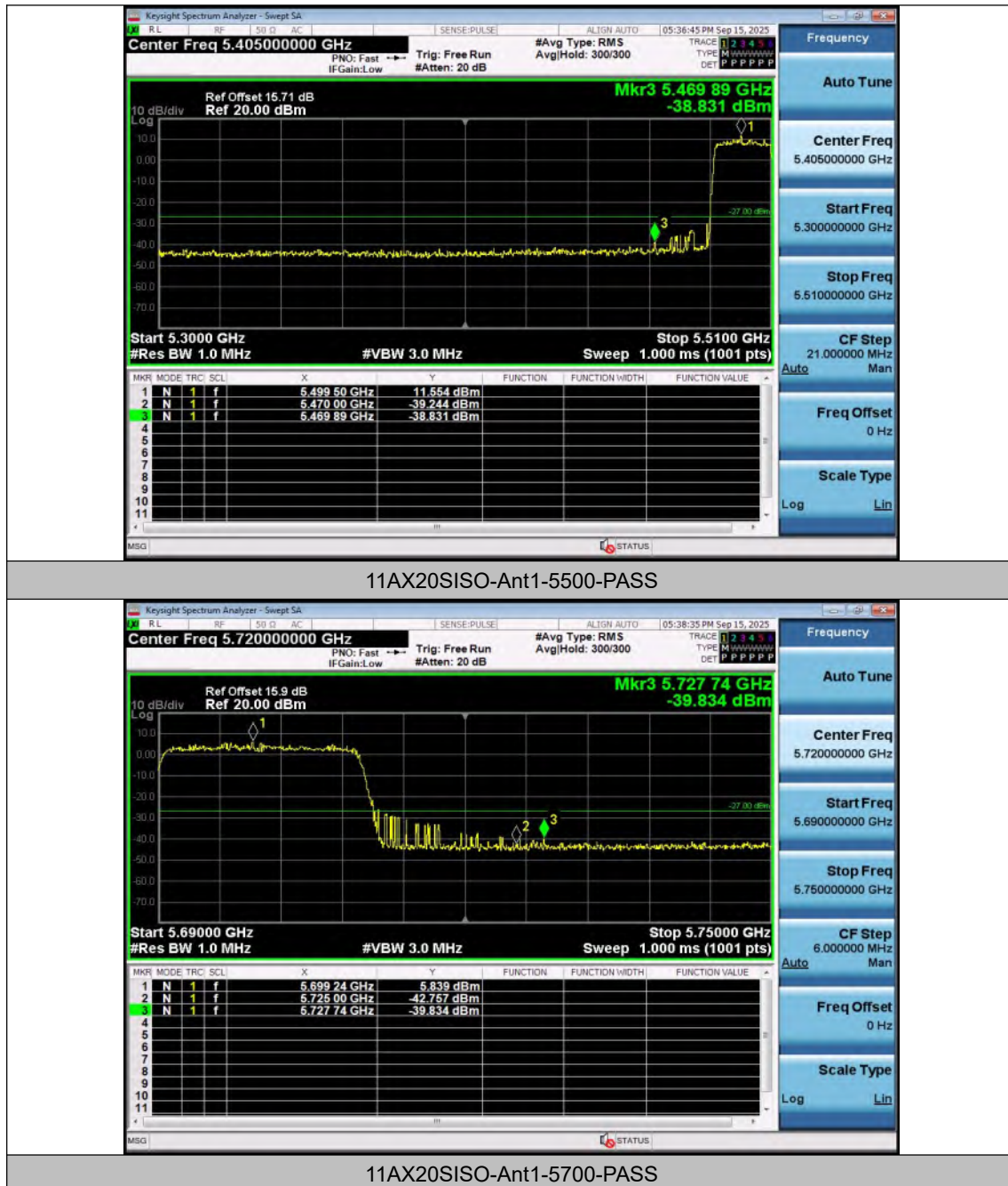
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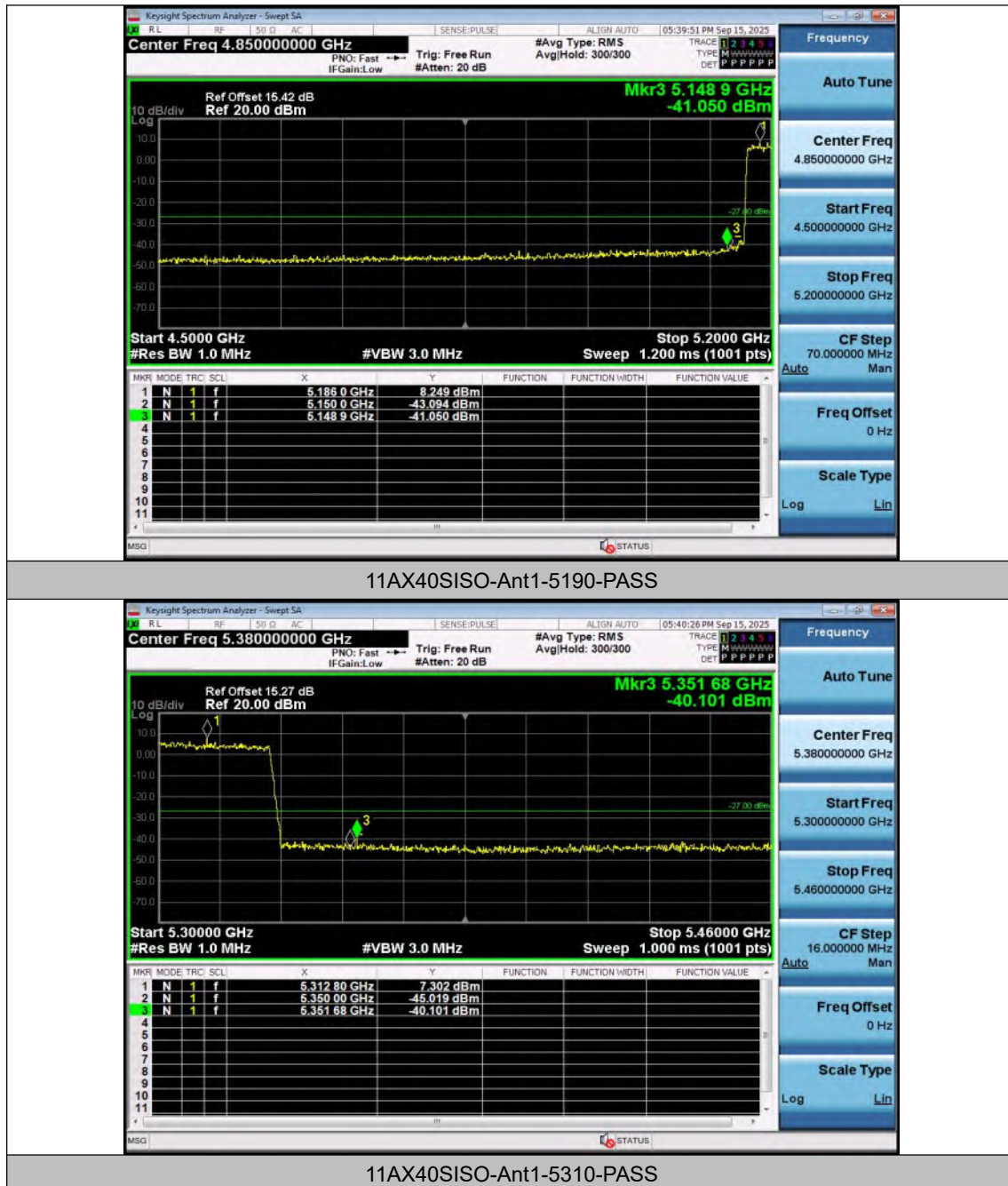
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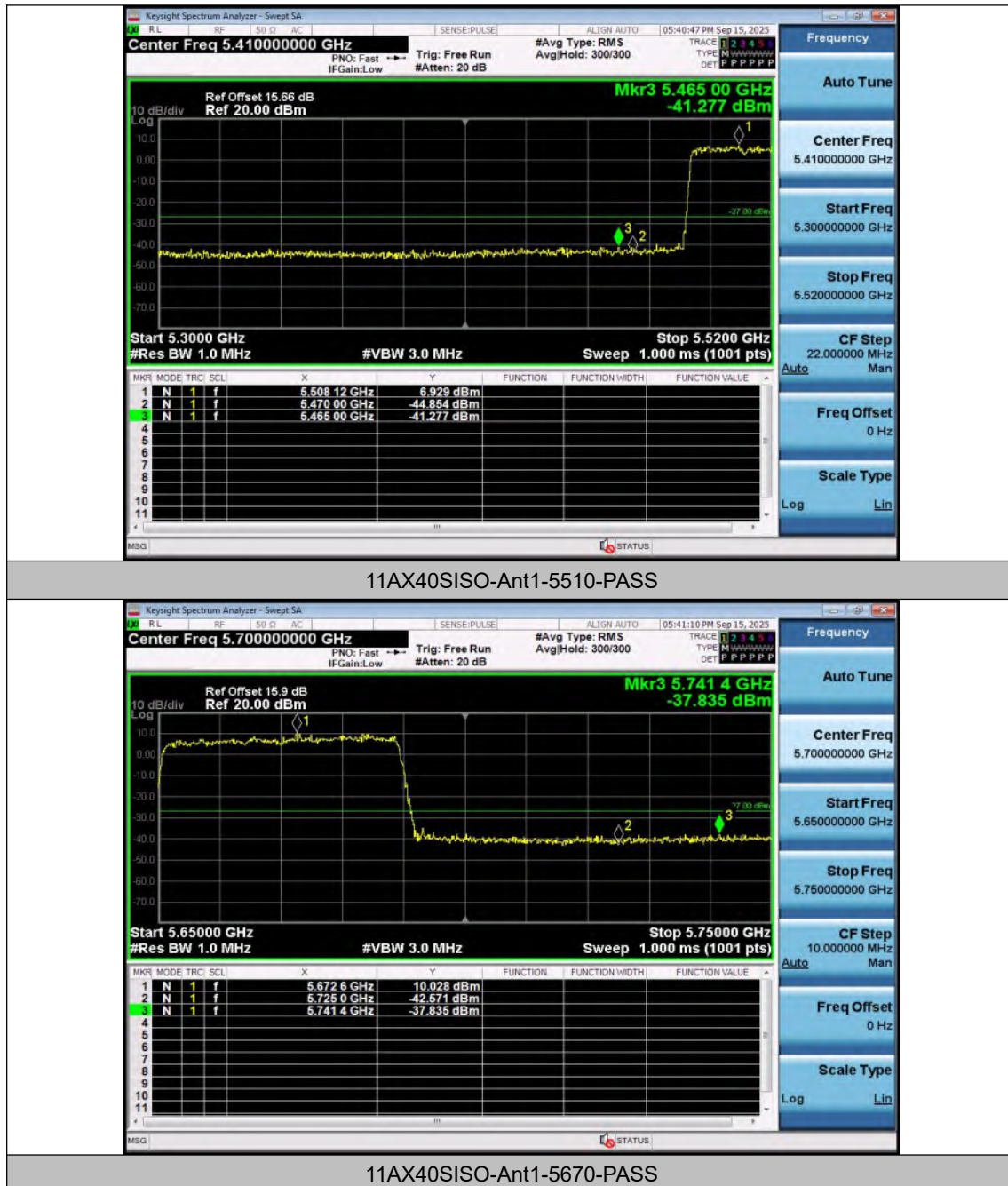
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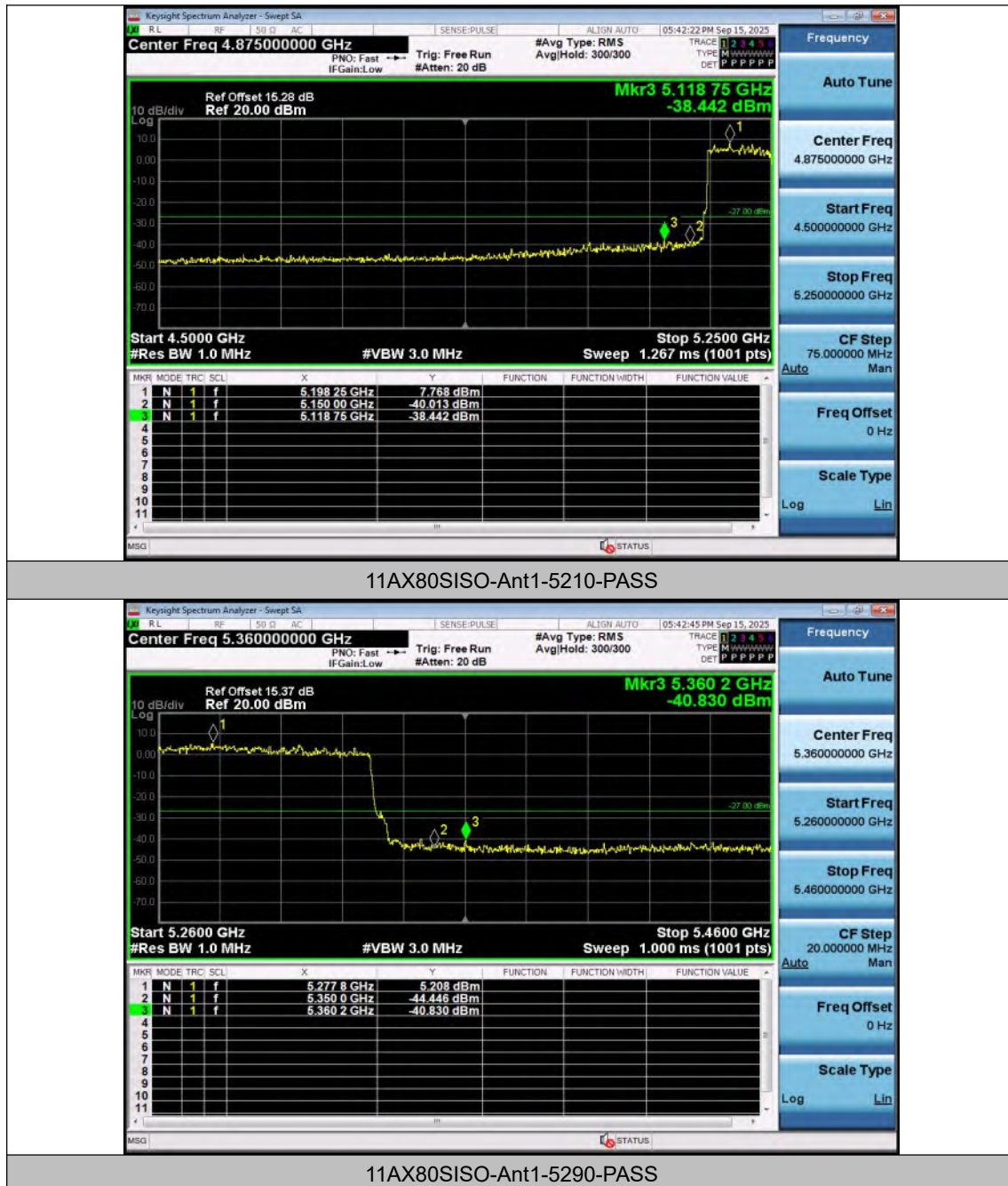




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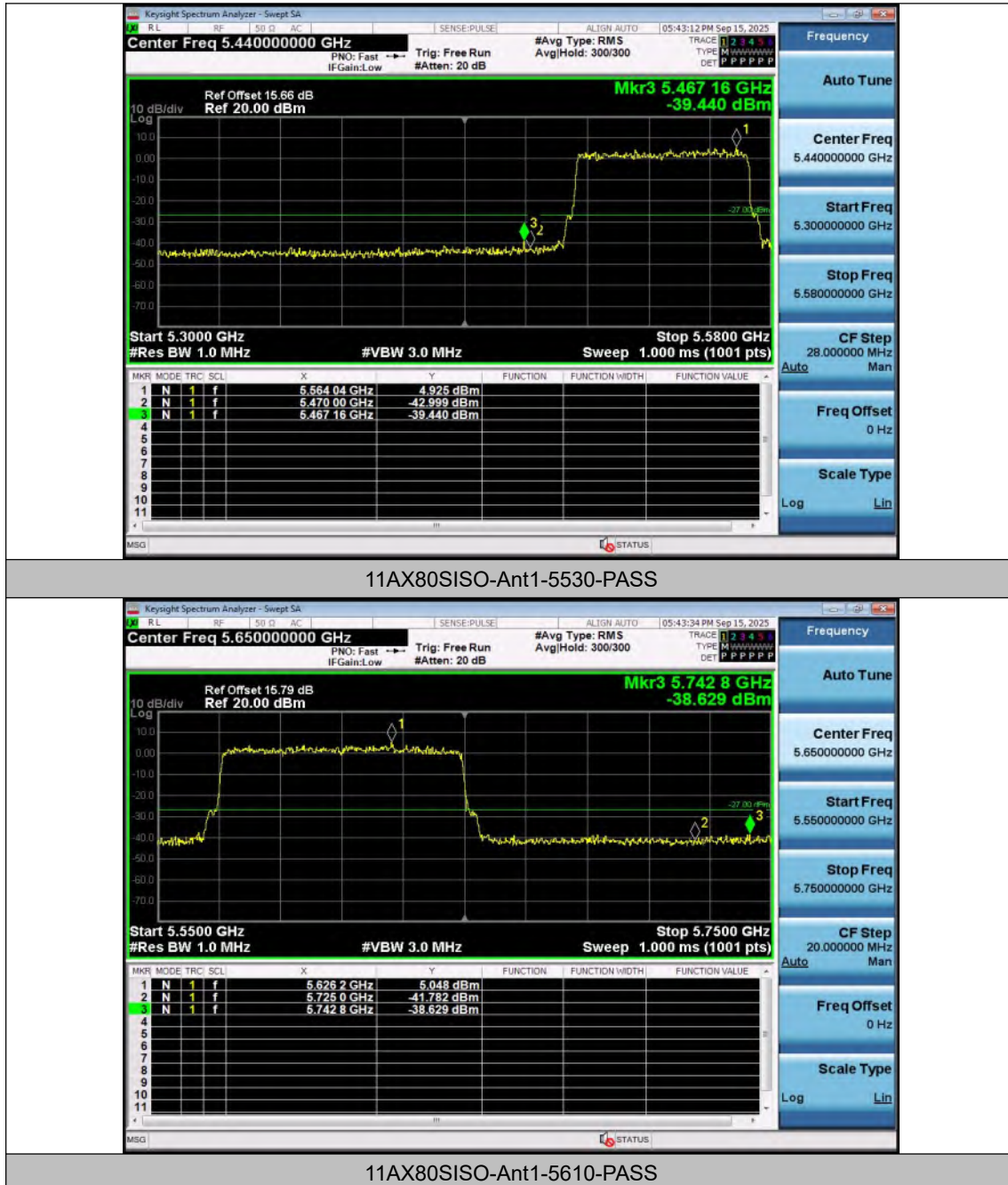




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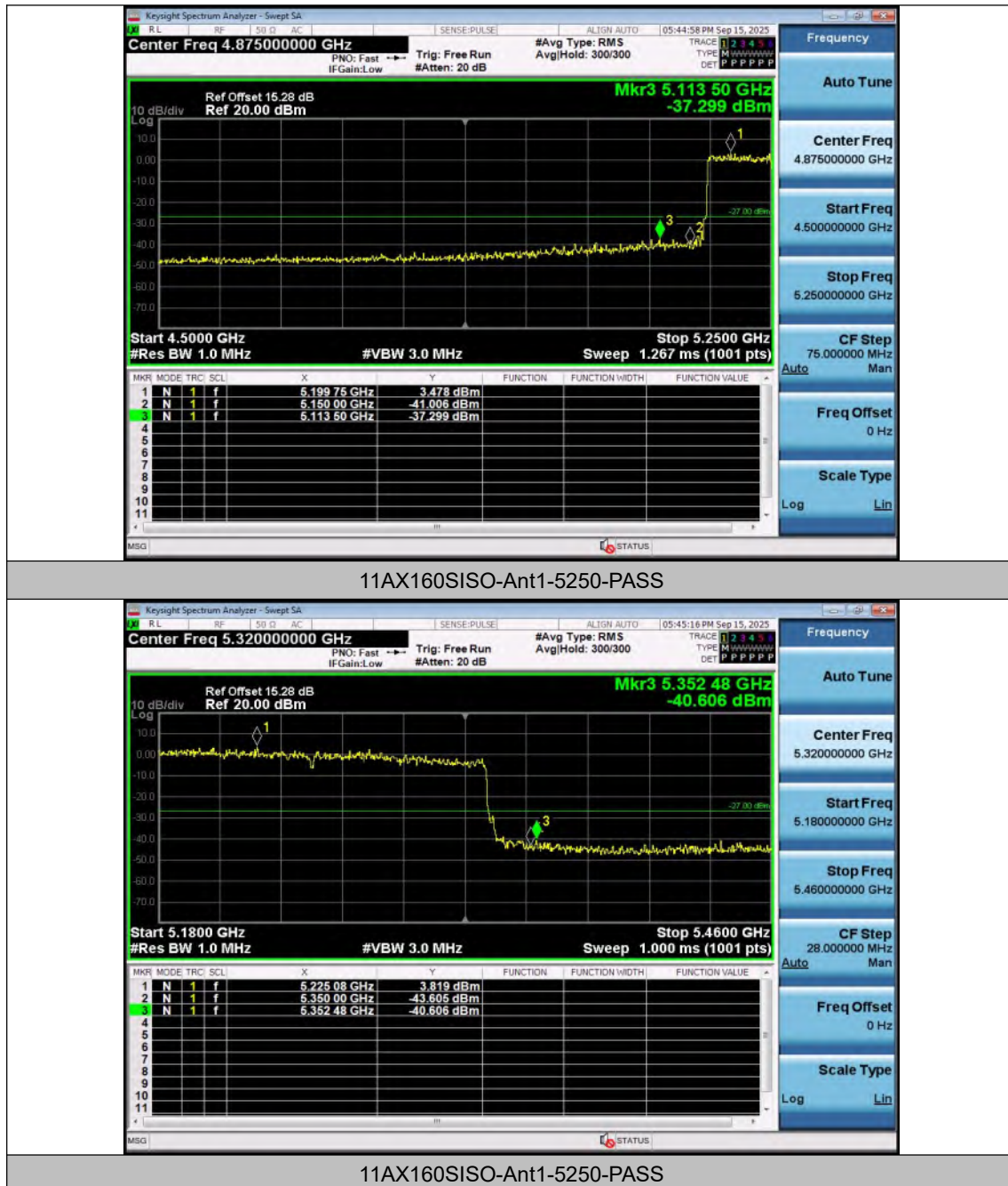
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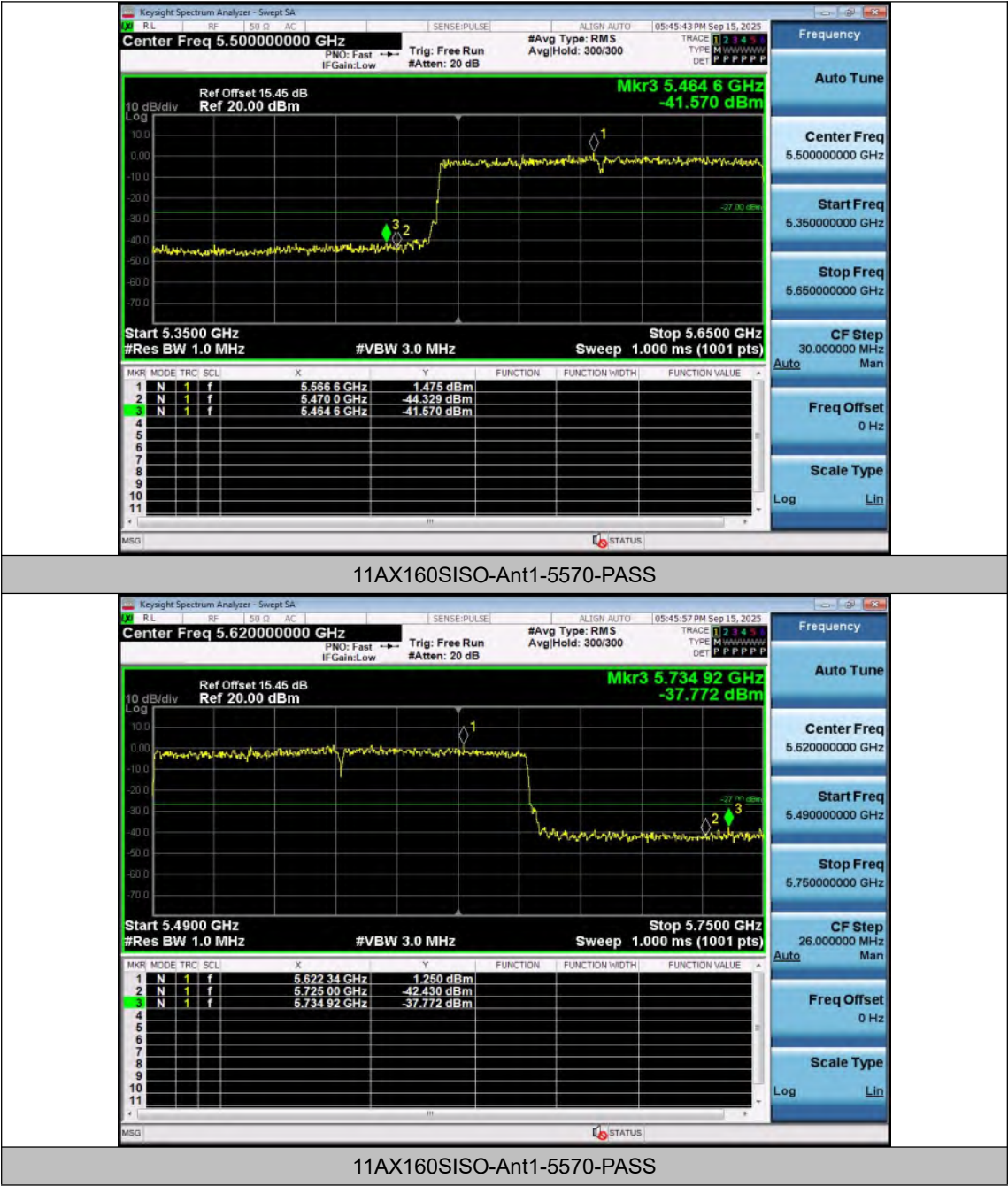
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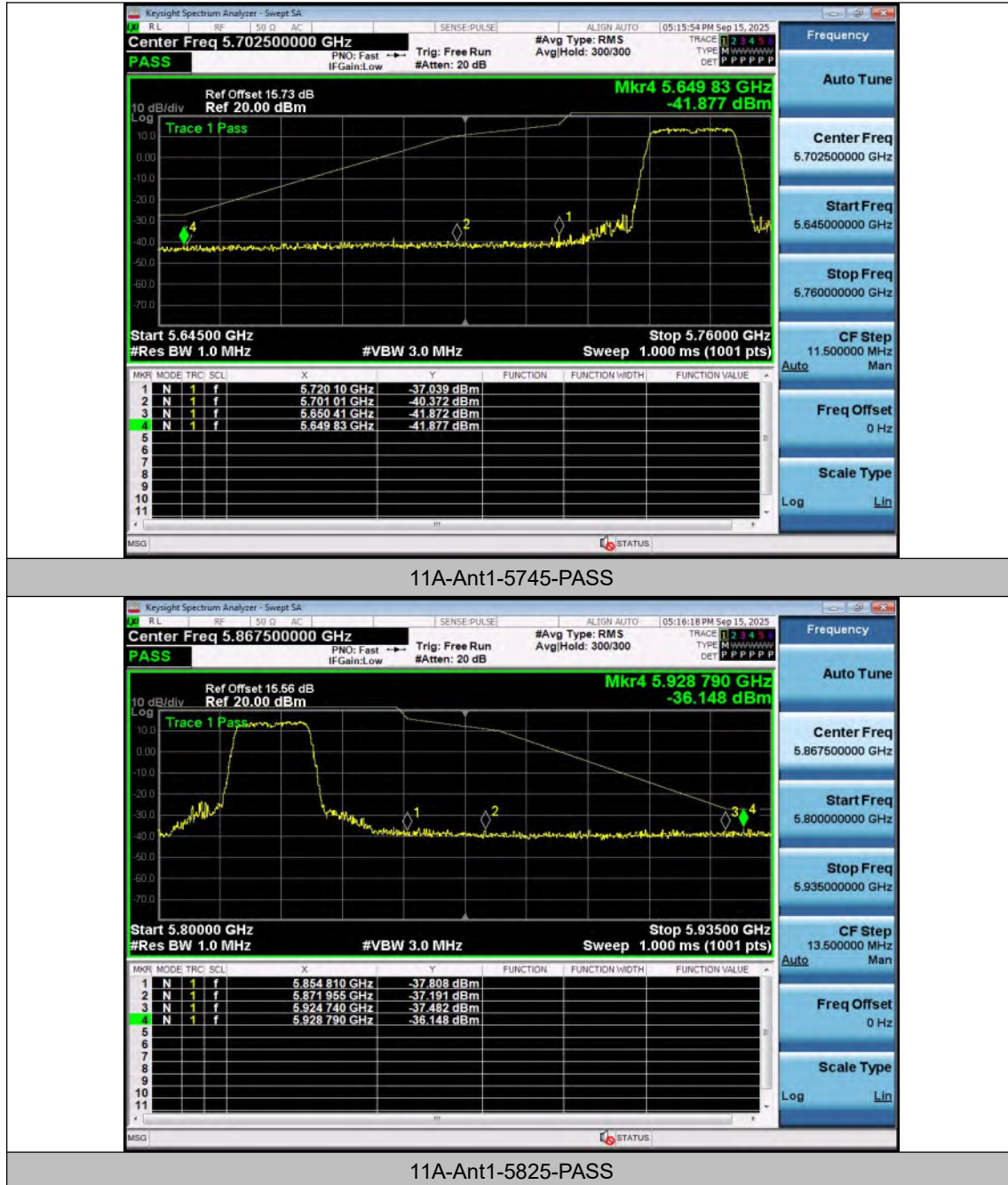




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Test Graphs B4

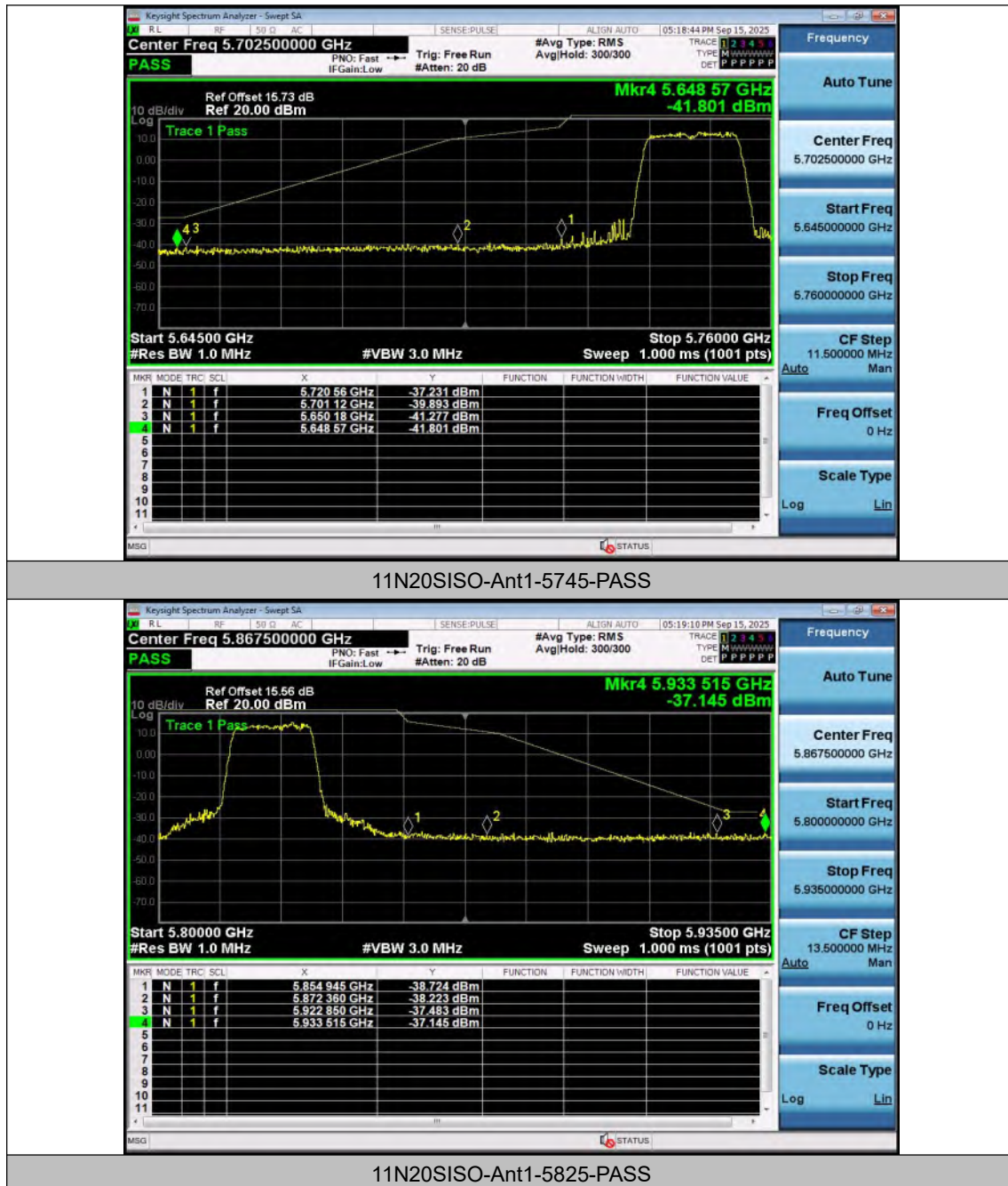




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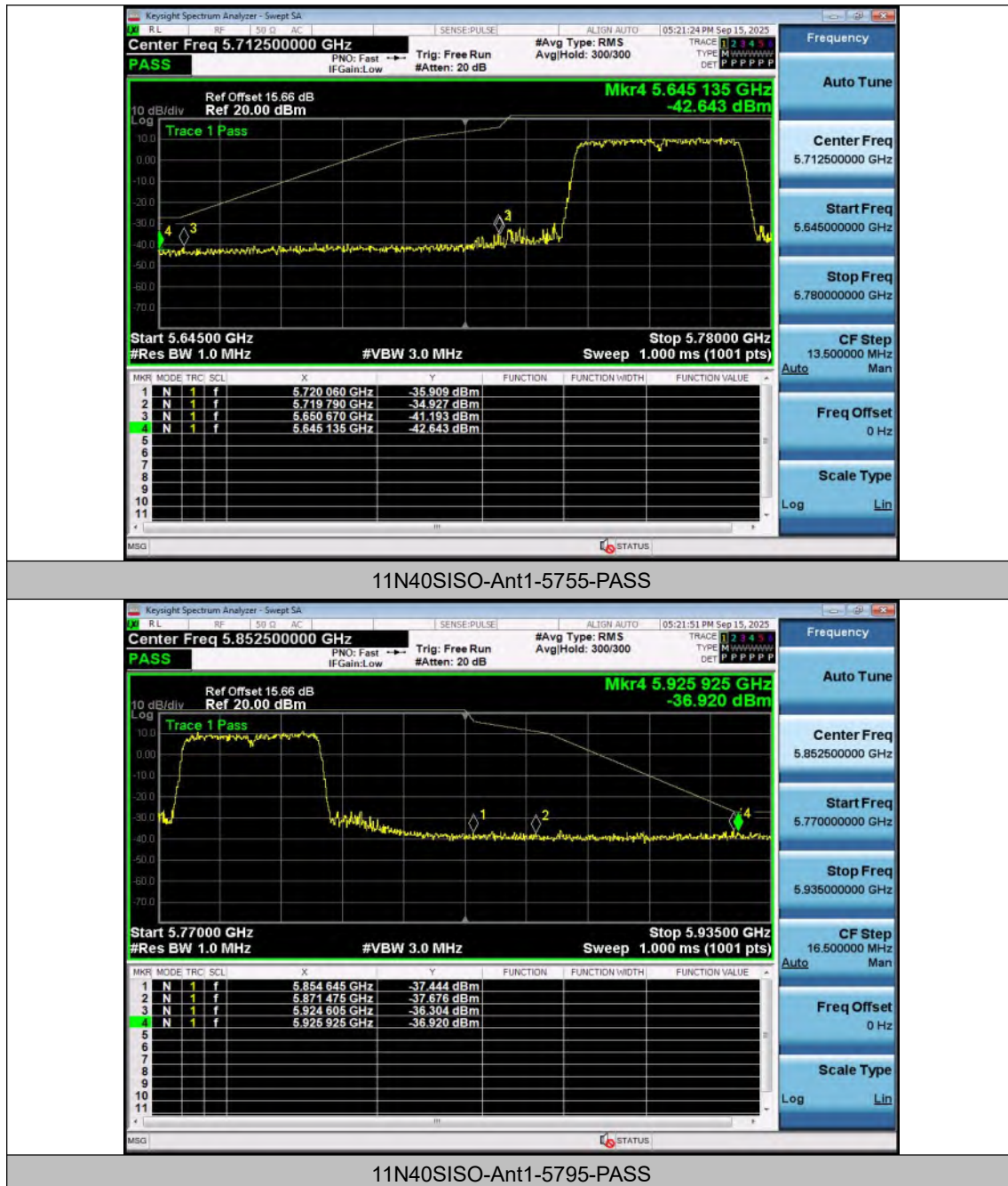




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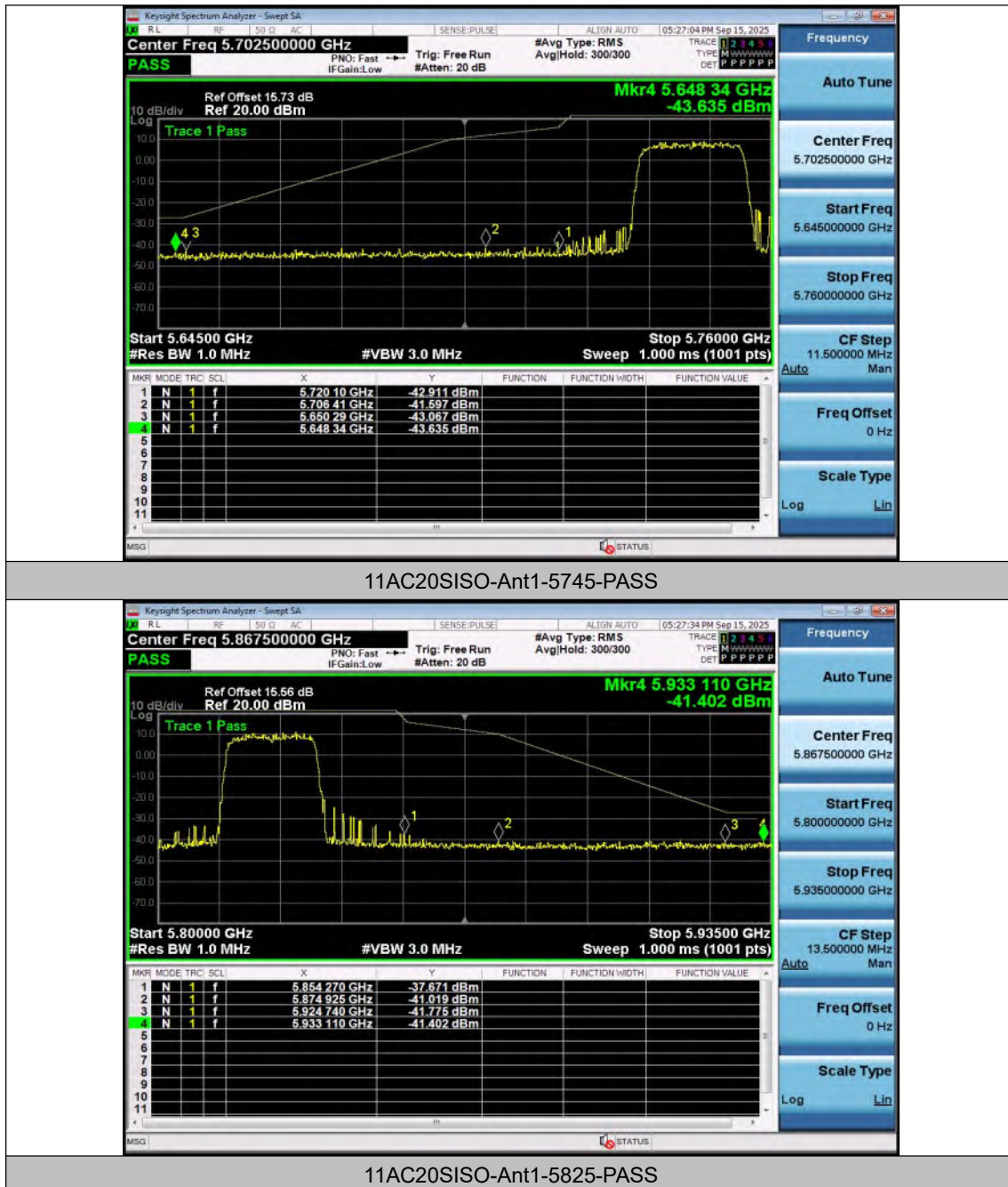




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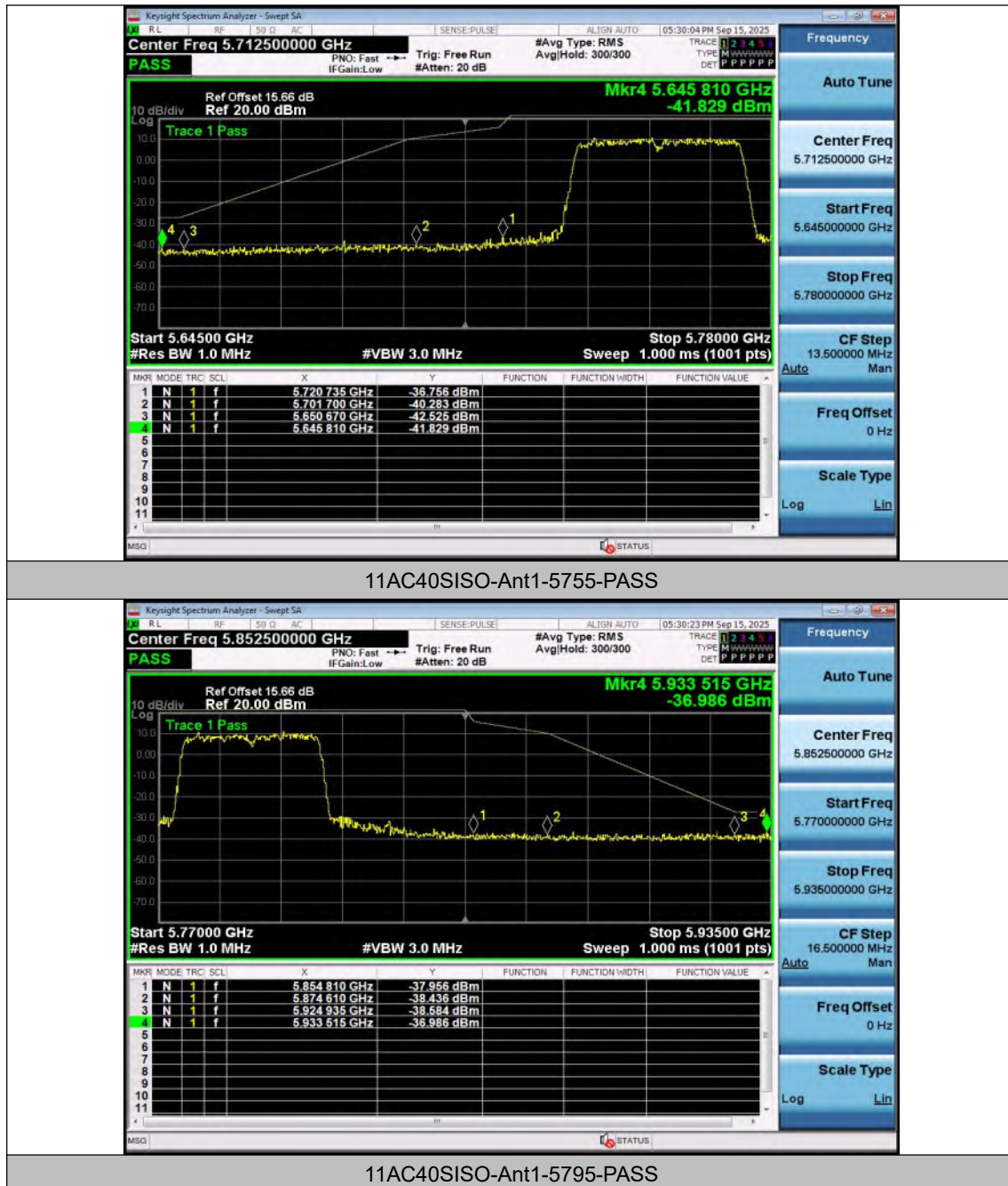
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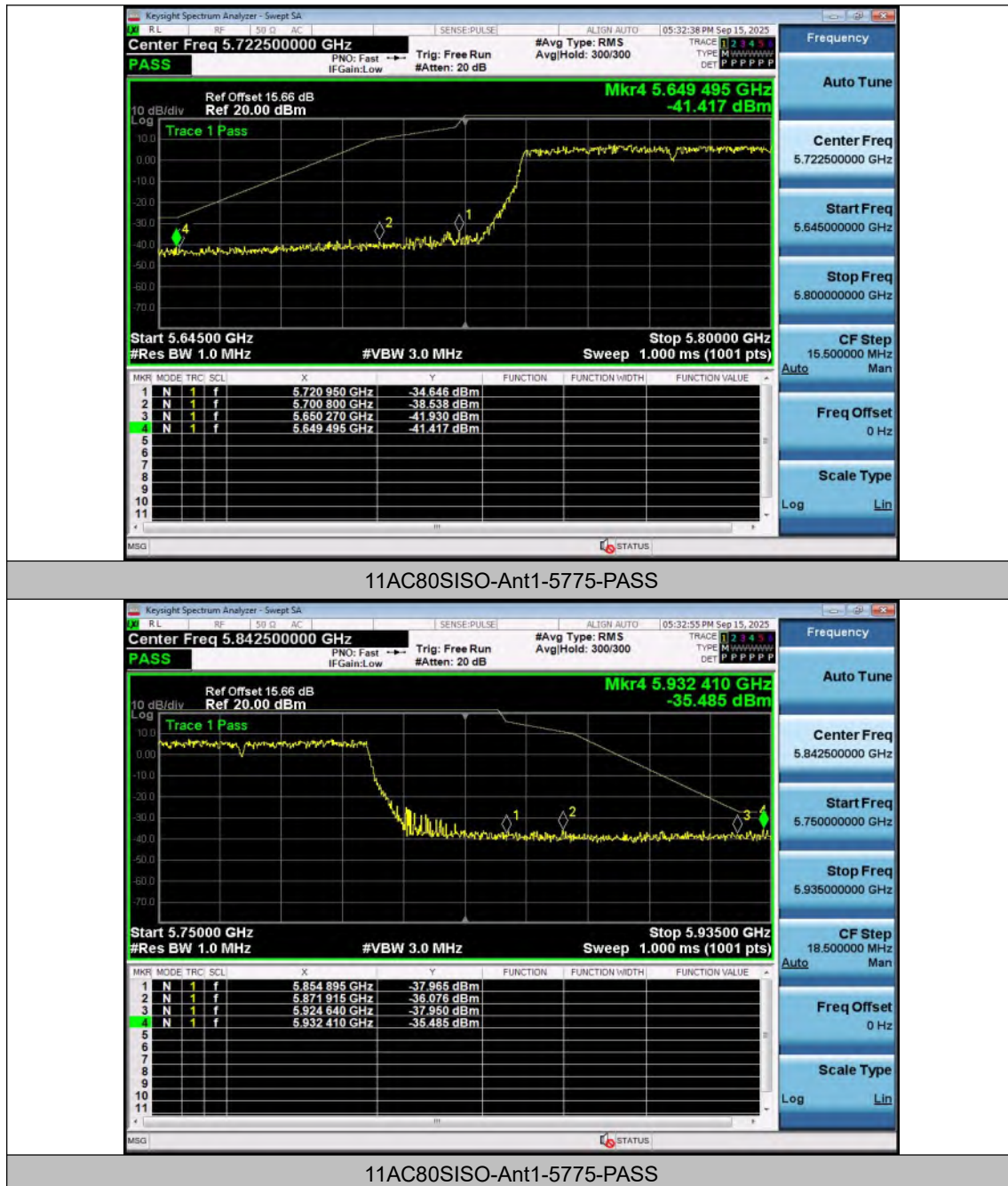




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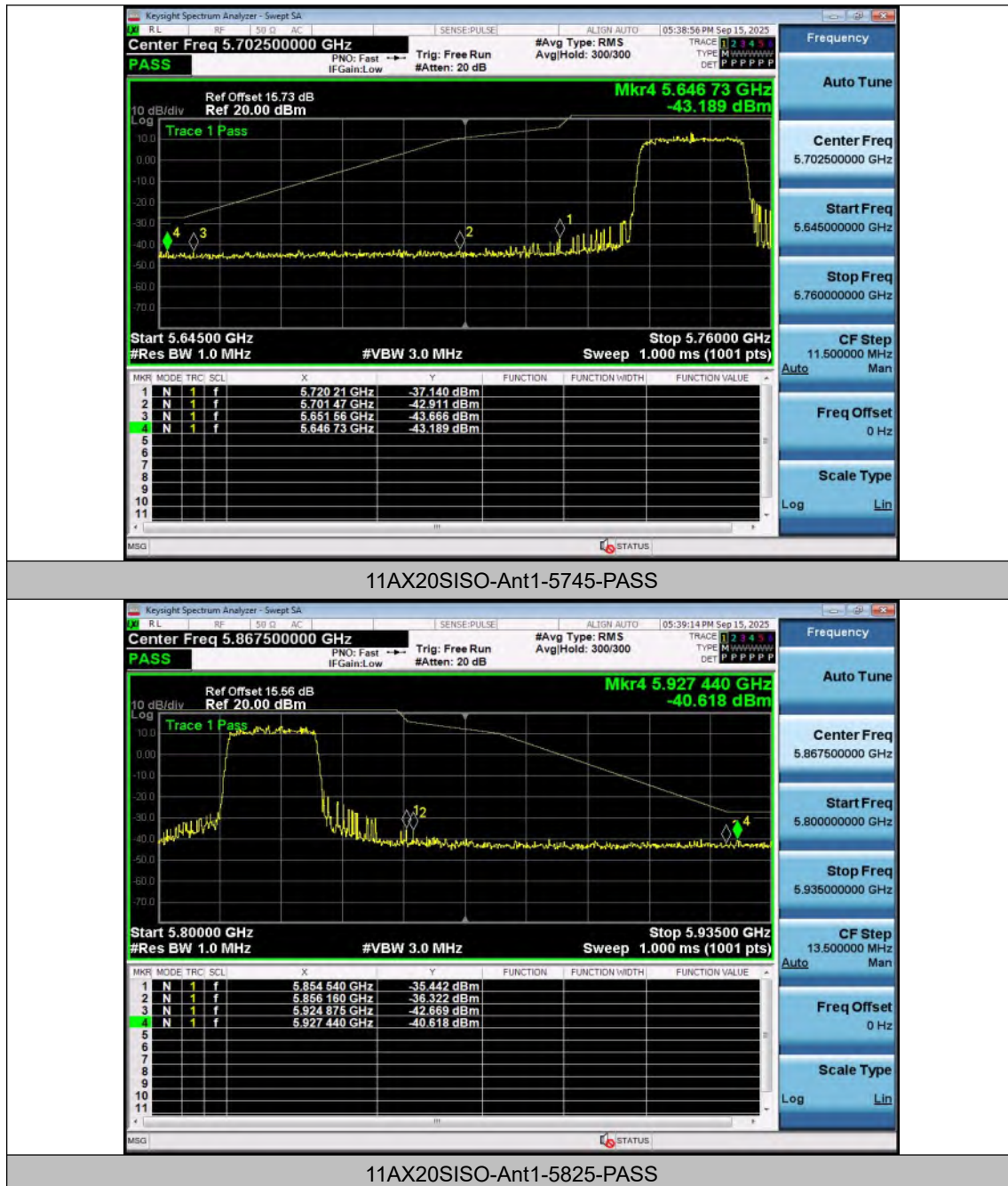
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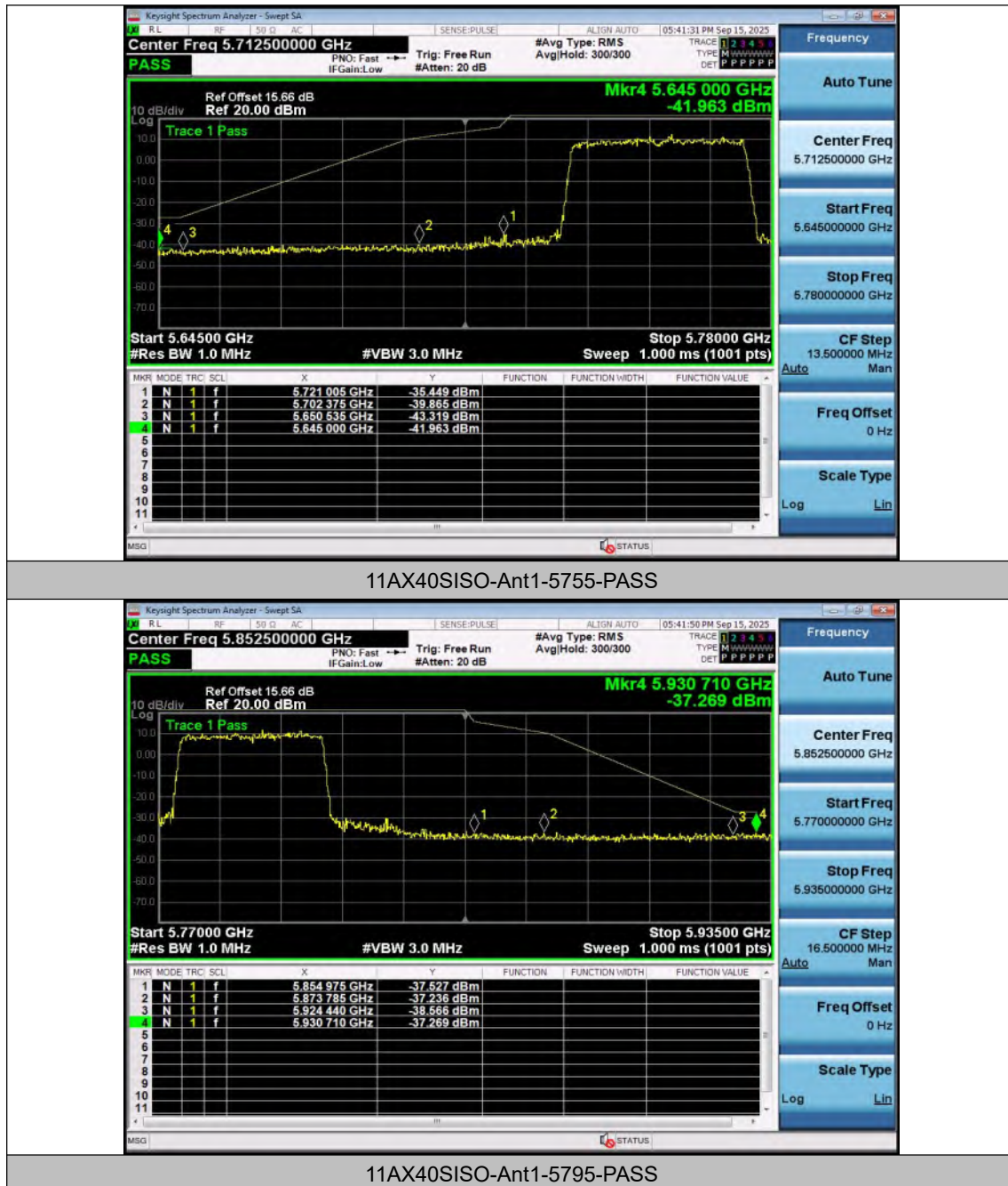
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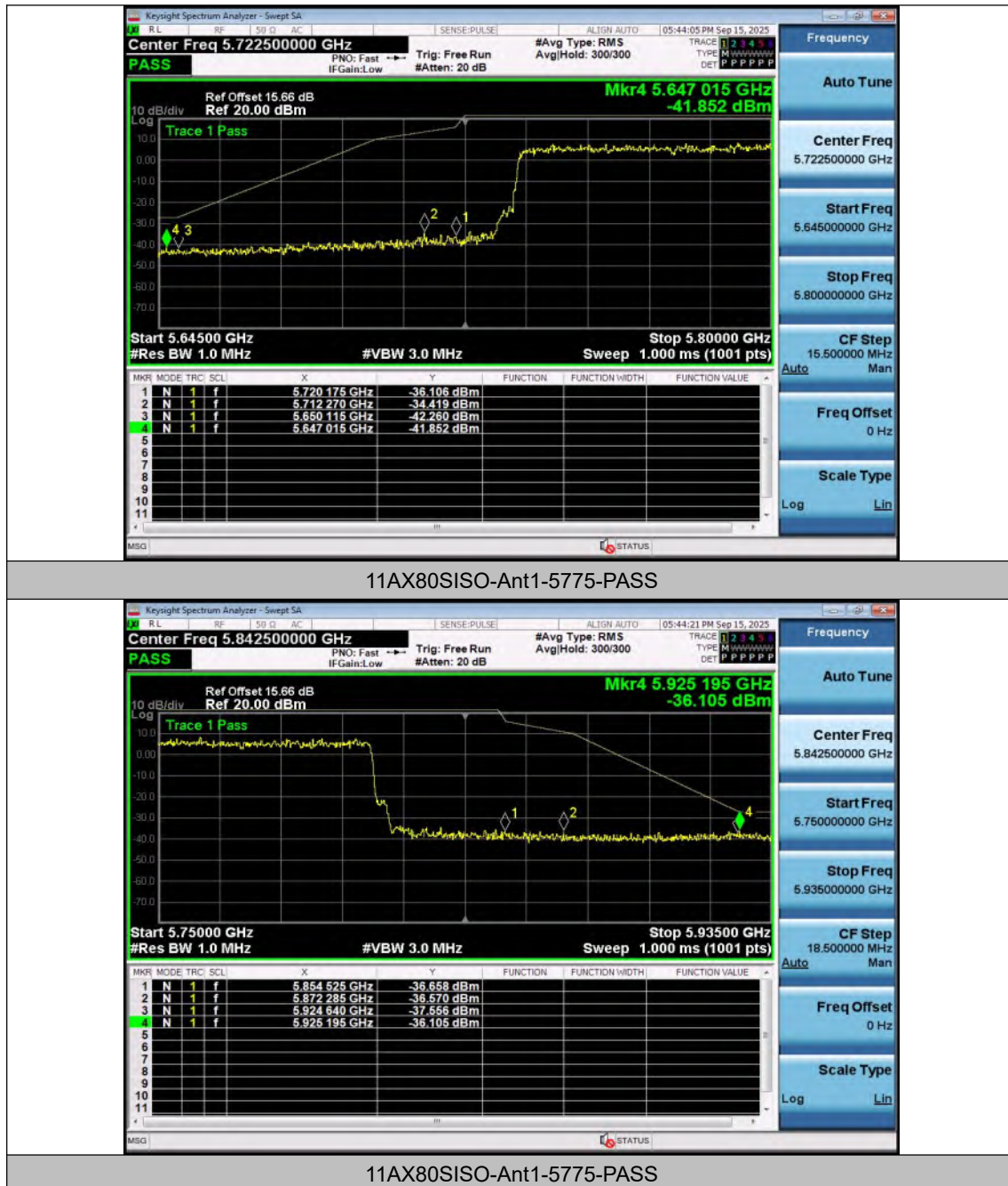




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Ant 2

Test Result B1/2/3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-38.61	≤-27	PASS
11A	Ant2	High	5320	-39.7	≤-27	PASS
11A	Ant2	Low	5500	-37.7	≤-27	PASS
11A	Ant2	High	5700	-36.79	≤-27	PASS
11N20SISO	Ant2	Low	5180	-38.88	≤-27	PASS
11N20SISO	Ant2	High	5320	-39.22	≤-27	PASS
11N20SISO	Ant2	Low	5500	-38.57	≤-27	PASS
11N20SISO	Ant2	High	5700	-36.35	≤-27	PASS
11N40SISO	Ant2	Low	5190	-39.22	≤-27	PASS
11N40SISO	Ant2	High	5310	-39.79	≤-27	PASS
11N40SISO	Ant2	Low	5510	-39.76	≤-27	PASS
11N40SISO	Ant2	High	5670	-40.52	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-37.95	≤-27	PASS
11AC20SISO	Ant2	High	5320	-41.96	≤-27	PASS
11AC20SISO	Ant2	Low	5500	-40.81	≤-27	PASS
11AC20SISO	Ant2	High	5700	-38.33	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-38.82	≤-27	PASS
11AC40SISO	Ant2	High	5310	-39.91	≤-27	PASS
11AC40SISO	Ant2	Low	5510	-38.64	≤-27	PASS
11AC40SISO	Ant2	High	5670	-39.43	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-37.71	≤-27	PASS
11AC80SISO	Ant2	High	5290	-35.98	≤-27	PASS
11AC80SISO	Ant2	Low	5530	-39.6	≤-27	PASS
11AC80SISO	Ant2	High	5610	-36.18	≤-27	PASS
11AC160SISO	Ant2	Low	5250	-36.97	≤-27	PASS
11AC160SISO	Ant2	High	5250	-39.57	≤-27	PASS
11AC160SISO	Ant2	High	5570	-42.12	≤-27	PASS
11AC160SISO	Ant2	Low	5570	-39.27	≤-27	PASS
11AX20SISO	Ant2	Low	5180	-38.91	≤-27	PASS
11AX20SISO	Ant2	High	5320	-42.25	≤-27	PASS
11AX20SISO	Ant2	Low	5500	-41.52	≤-27	PASS
11AX20SISO	Ant2	High	5700	-37.31	≤-27	PASS
11AX40SISO	Ant2	Low	5190	-38.87	≤-27	PASS
11AX40SISO	Ant2	High	5310	-39.97	≤-27	PASS
11AX40SISO	Ant2	Low	5510	-39.58	≤-27	PASS



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11AX40SISO	Ant2	High	5670	-34.42	≤-27	PASS
11AX80SISO	Ant2	Low	5210	-38.27	≤-27	PASS
11AX80SISO	Ant2	High	5290	-40.11	≤-27	PASS
11AX80SISO	Ant2	Low	5530	-38.97	≤-27	PASS
11AX80SISO	Ant2	High	5610	-37.37	≤-27	PASS
11AX160SISO	Ant2	Low	5250	-36.82	≤-27	PASS
11AX160SISO	Ant2	High	5250	-39.96	≤-27	PASS
11AX160SISO	Ant2	Low	5570	-39.43	≤-27	PASS
11AX160SISO	Ant2	High	5570	-41.51	≤-27	PASS

Test Result B4

Test Mode	Antenna	ChName	Frequency [MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5720~5725	-41.93	≤16.34	PASS
11A	Ant2	Low	5745	5700~5720	-40.51	≤11.99	PASS
11A	Ant2	Low	5745	5650~5700	-43.43	≤-26.96	PASS
11A	Ant2	Low	5745	5760~5650	-43.33	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-41.46	≤15.73	PASS
11A	Ant2	High	5825	5855~5875	-41.43	≤10.78	PASS
11A	Ant2	High	5825	5875~5925	-41.24	≤-26.71	PASS
11A	Ant2	High	5825	5925~5935	-39.66	≤-27	PASS
11N20SISO	Ant2	Low	5745	5720~5725	-43.45	≤15.82	PASS
11N20SISO	Ant2	Low	5745	5700~5720	-40.86	≤11.51	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-43.03	≤-26.27	PASS
11N20SISO	Ant2	Low	5745	5760~5650	-41.9	≤-27	PASS
11N20SISO	Ant2	High	5825	5850~5855	-41.98	≤16.03	PASS
11N20SISO	Ant2	High	5825	5855~5875	-41.78	≤10.21	PASS
11N20SISO	Ant2	High	5825	5875~5925	-39.17	≤-26.31	PASS
11N20SISO	Ant2	High	5825	5925~5935	-39.77	≤-27	PASS
11N40SISO	Ant2	Low	5755	5720~5725	-42.75	≤16.97	PASS
11N40SISO	Ant2	Low	5755	5700~5720	-43.22	≤10.36	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-44.09	≤-26.70	PASS
11N40SISO	Ant2	Low	5755	5780~5650	-43.3	≤-27	PASS
11N40SISO	Ant2	High	5795	5850~5855	-40.07	≤15.66	PASS
11N40SISO	Ant2	High	5795	5855~5875	-40.99	≤10.80	PASS
11N40SISO	Ant2	High	5795	5875~5925	-39.7	≤-26.46	PASS
11N40SISO	Ant2	High	5795	5925~5935	-39.65	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5720~5725	-39.22	≤15.82	PASS
11AC20SISO	Ant2	Low	5745	5700~5720	-41.53	≤10.09	PASS



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11AC20SISO	Ant2	Low	5745	5650~5700	-43.01	≤-26.87	PASS
11AC20SISO	Ant2	Low	5745	5760~5650	-42.5	≤-27	PASS
11AC20SISO	Ant2	High	5825	5850~5855	-38.84	≤16.96	PASS
11AC20SISO	Ant2	High	5825	5855~5875	-40.02	≤11.53	PASS
11AC20SISO	Ant2	High	5825	5875~5925	-39.91	≤-25.91	PASS
11AC20SISO	Ant2	High	5825	5925~5935	-40.11	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5720~5725	-41.17	≤16.66	PASS
11AC40SISO	Ant2	Low	5755	5700~5720	-42.4	≤10.32	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-43.06	≤-25.80	PASS
11AC40SISO	Ant2	Low	5755	5780~5650	-42.95	≤-27	PASS
11AC40SISO	Ant2	High	5795	5850~5855	-39.67	≤16.03	PASS
11AC40SISO	Ant2	High	5795	5855~5875	-41.34	≤10.71	PASS
11AC40SISO	Ant2	High	5795	5875~5925	-41.09	≤-26.95	PASS
11AC40SISO	Ant2	High	5795	5925~5935	-39.74	≤-27	PASS
11AC80SISO	Ant2	Low	5775	5720~5725	-43.21	≤15.65	PASS
11AC80SISO	Ant2	Low	5775	5700~5720	-42.69	≤10.31	PASS
11AC80SISO	Ant2	Low	5775	5650~5700	-44.05	≤-26.91	PASS
11AC80SISO	Ant2	Low	5775	5800~5650	-43.8	≤-27	PASS
11AC80SISO	Ant2	High	5775	5850~5855	-42.13	≤16.68	PASS
11AC80SISO	Ant2	High	5775	5855~5875	-41.66	≤10.24	PASS
11AC80SISO	Ant2	High	5775	5875~5925	-39.53	≤-26.32	PASS
11AC80SISO	Ant2	High	5775	5925~5935	-38.27	≤-27	PASS
11AX20SISO	Ant2	Low	5745	5720~5725	-32.41	≤16.87	PASS
11AX20SISO	Ant2	Low	5745	5700~5720	-33.51	≤14.98	PASS
11AX20SISO	Ant2	Low	5745	5650~5700	-43.23	≤-26.79	PASS
11AX20SISO	Ant2	Low	5745	5760~5650	-42.79	≤-27	PASS
11AX20SISO	Ant2	High	5825	5850~5855	-31.78	≤19.11	PASS
11AX20SISO	Ant2	High	5825	5855~5875	-33.97	≤15.24	PASS
11AX20SISO	Ant2	High	5825	5875~5925	-39.47	≤-26.91	PASS
11AX20SISO	Ant2	High	5825	5925~5935	-37.98	≤-27	PASS
11AX40SISO	Ant2	Low	5755	5720~5725	-43.25	≤16.04	PASS
11AX40SISO	Ant2	Low	5755	5700~5720	-42.12	≤11.38	PASS
11AX40SISO	Ant2	Low	5755	5650~5700	-44.01	≤-26.50	PASS
11AX40SISO	Ant2	Low	5755	5780~5650	-43.35	≤-27	PASS
11AX40SISO	Ant2	High	5795	5850~5855	-40.85	≤16.03	PASS
11AX40SISO	Ant2	High	5795	5855~5875	-42.59	≤10.16	PASS
11AX40SISO	Ant2	High	5795	5875~5925	-41.04	≤-26.83	PASS
11AX40SISO	Ant2	High	5795	5925~5935	-39.66	≤-27	PASS
11AX80SISO	Ant2	Low	5775	5720~5725	-41.36	≤16.71	PASS
11AX80SISO	Ant2	Low	5775	5700~5720	-42.93	≤10.35	PASS



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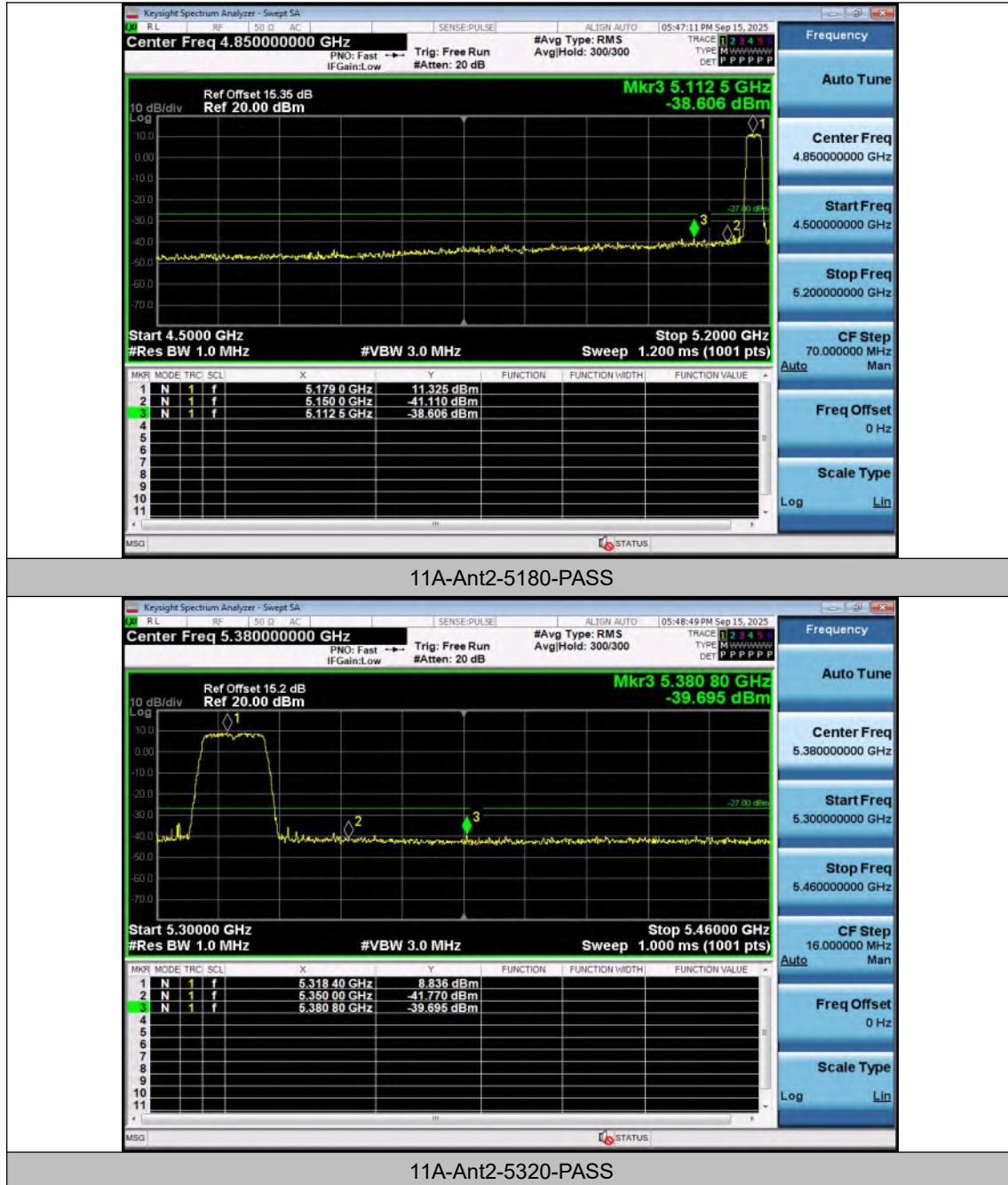
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11AX80SISO	Ant2	Low	5775	5800~5650	-42.11	≤-27	PASS
11AX80SISO	Ant2	High	5775	5850~5855	-41.58	≤15.84	PASS
11AX80SISO	Ant2	High	5775	5855~5875	-38.82	≤13.40	PASS
11AX80SISO	Ant2	High	5775	5875~5925	-39.1	≤-25.91	PASS
11AX80SISO	Ant2	High	5775	5925~5935	-39.08	≤-27	PASS



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Test Graphs B1/2/3

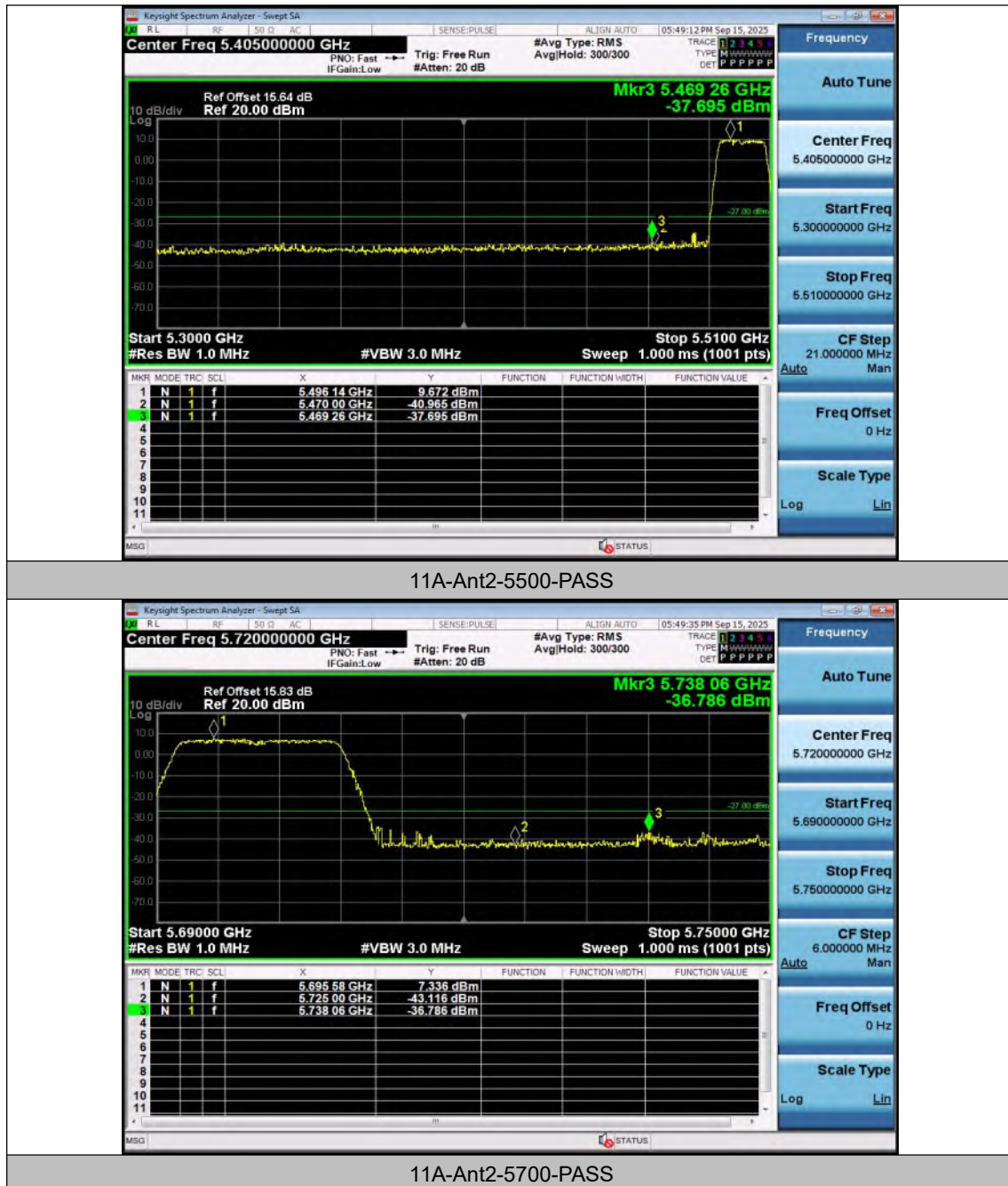




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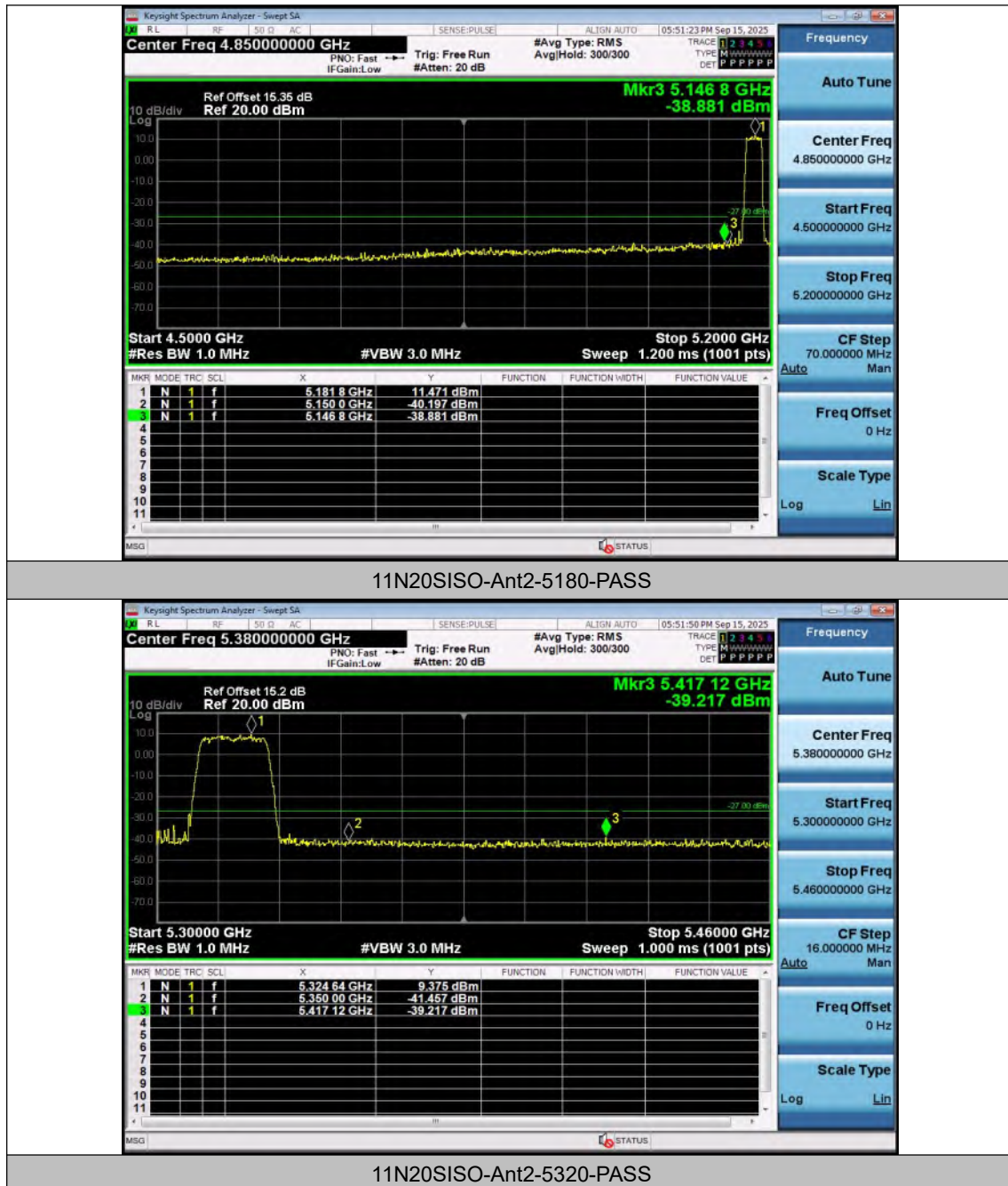




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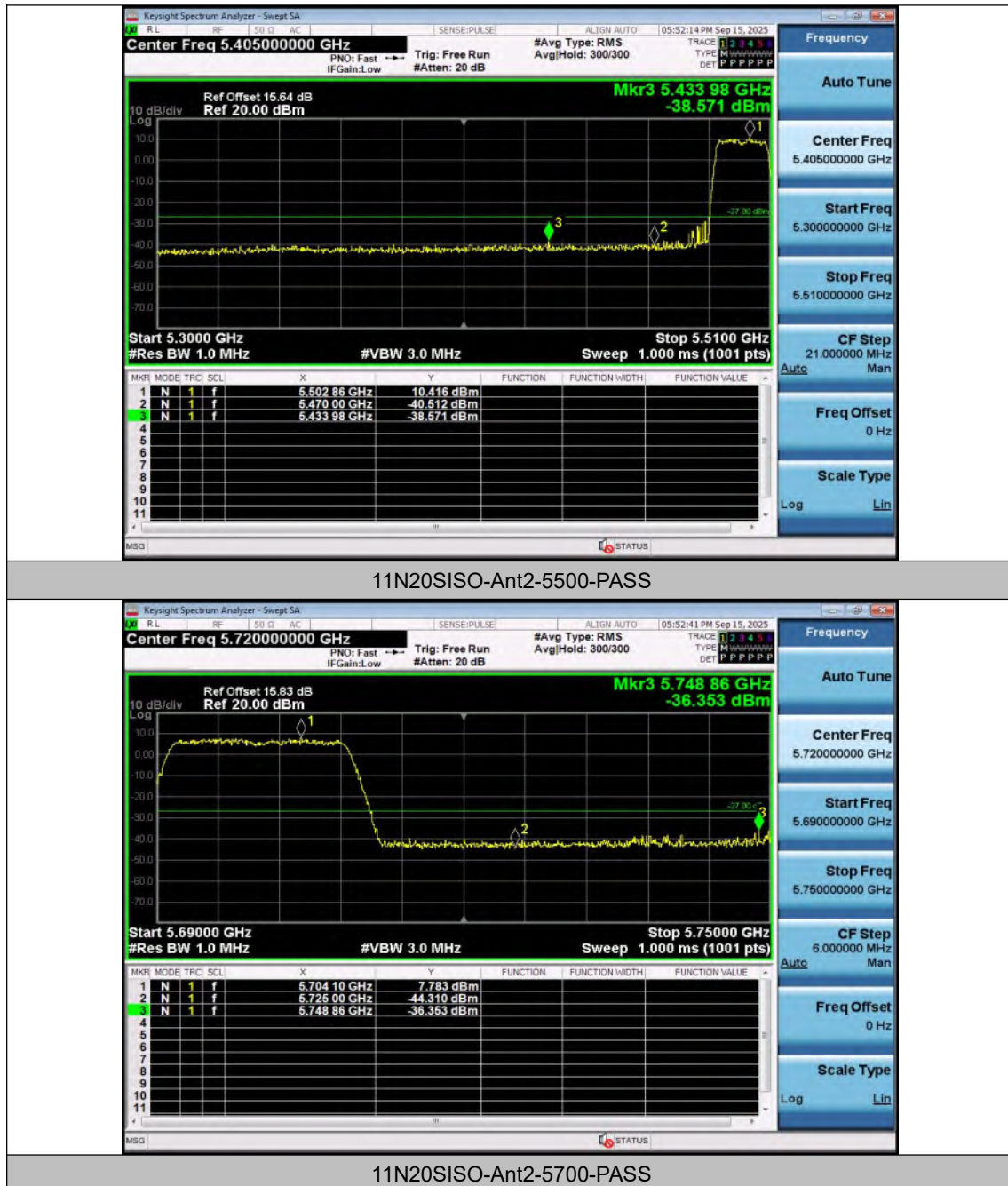




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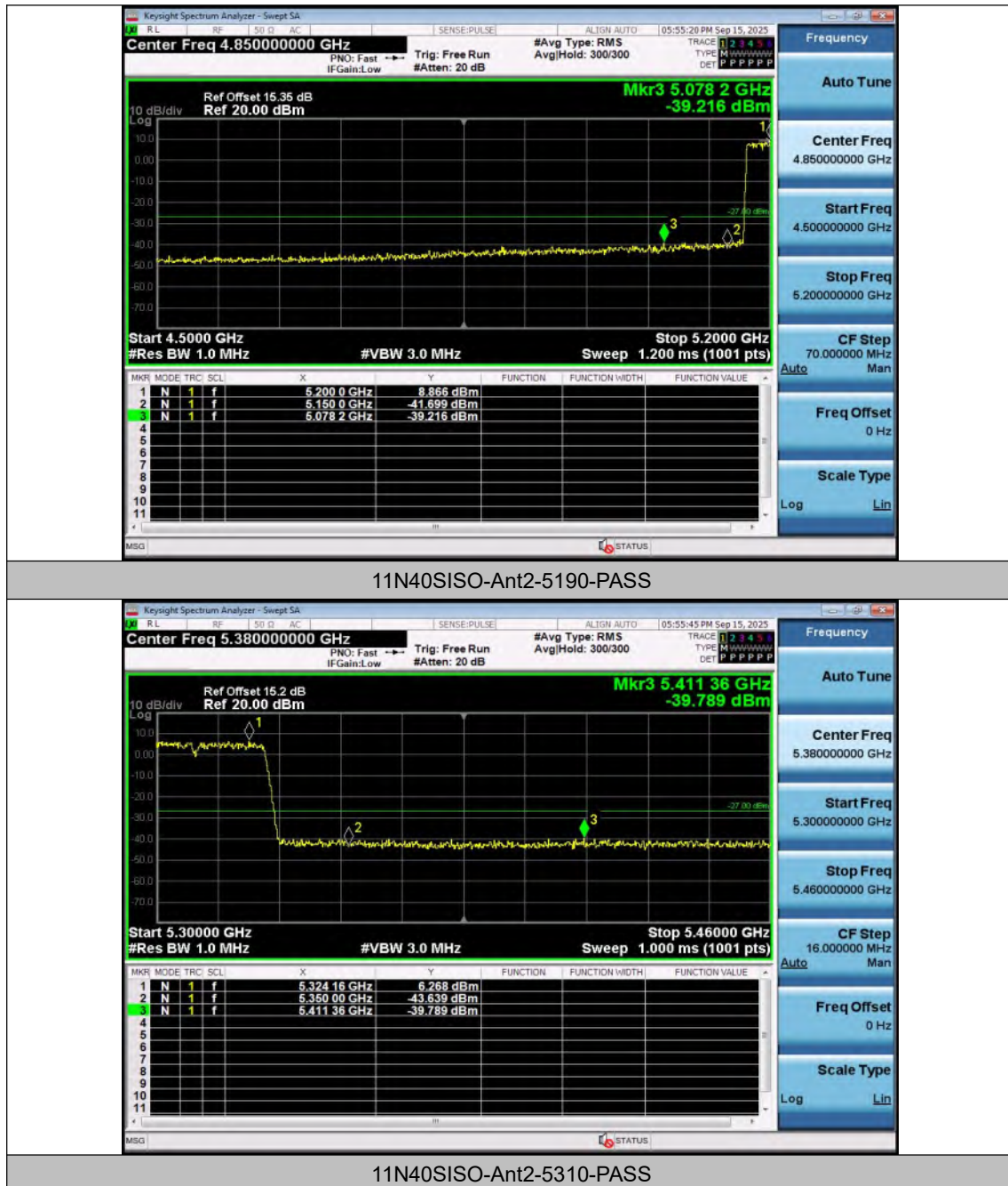




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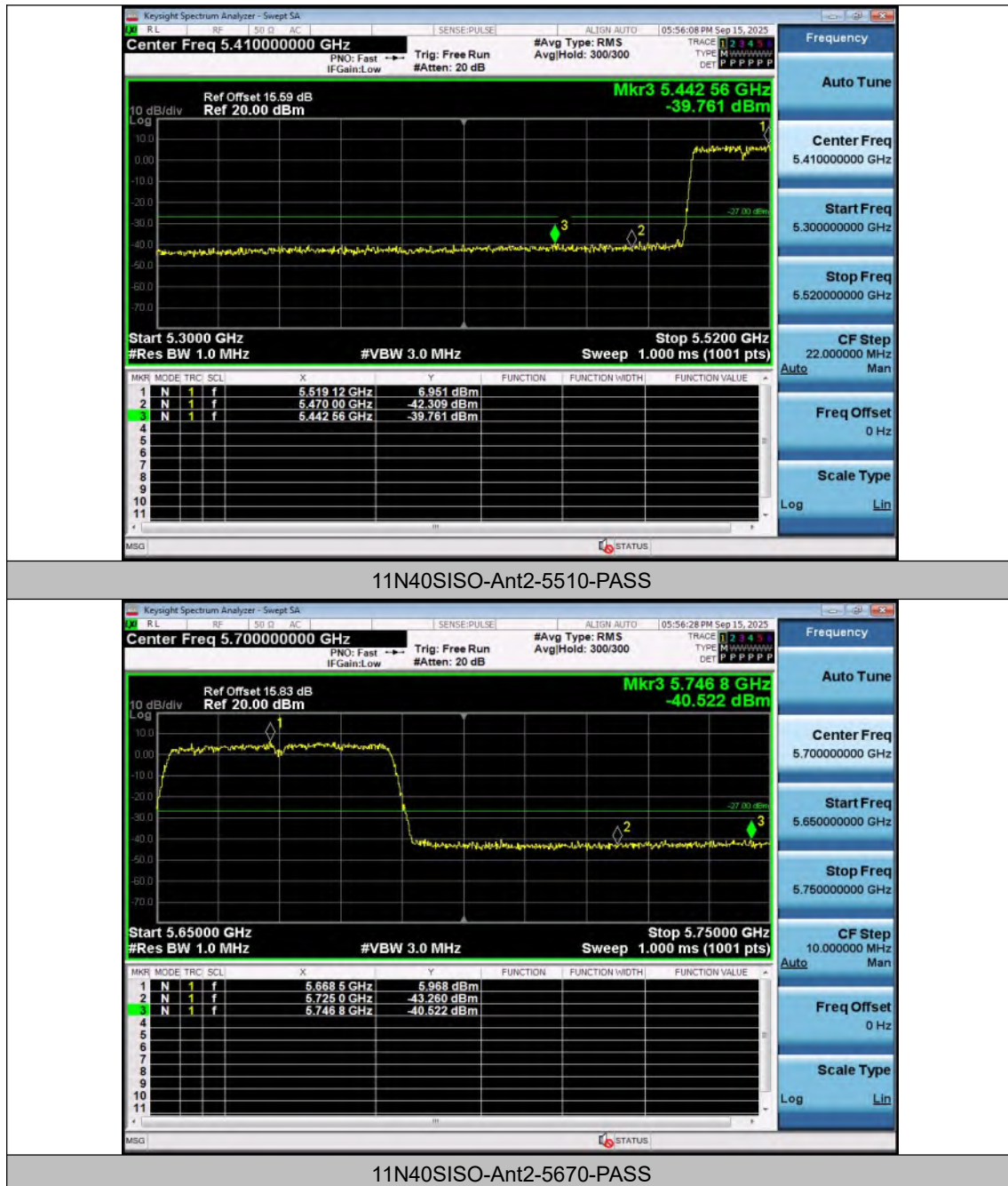




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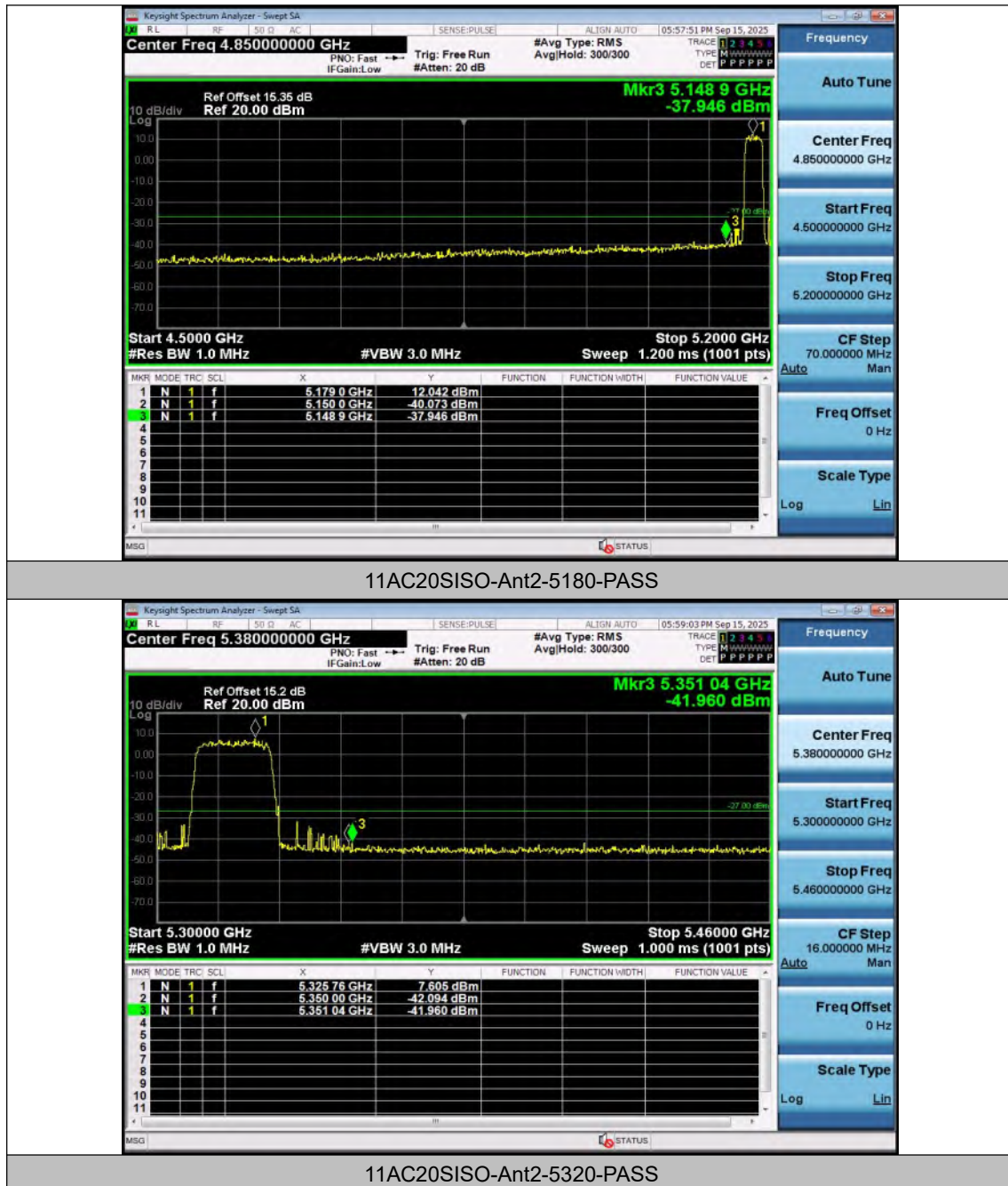




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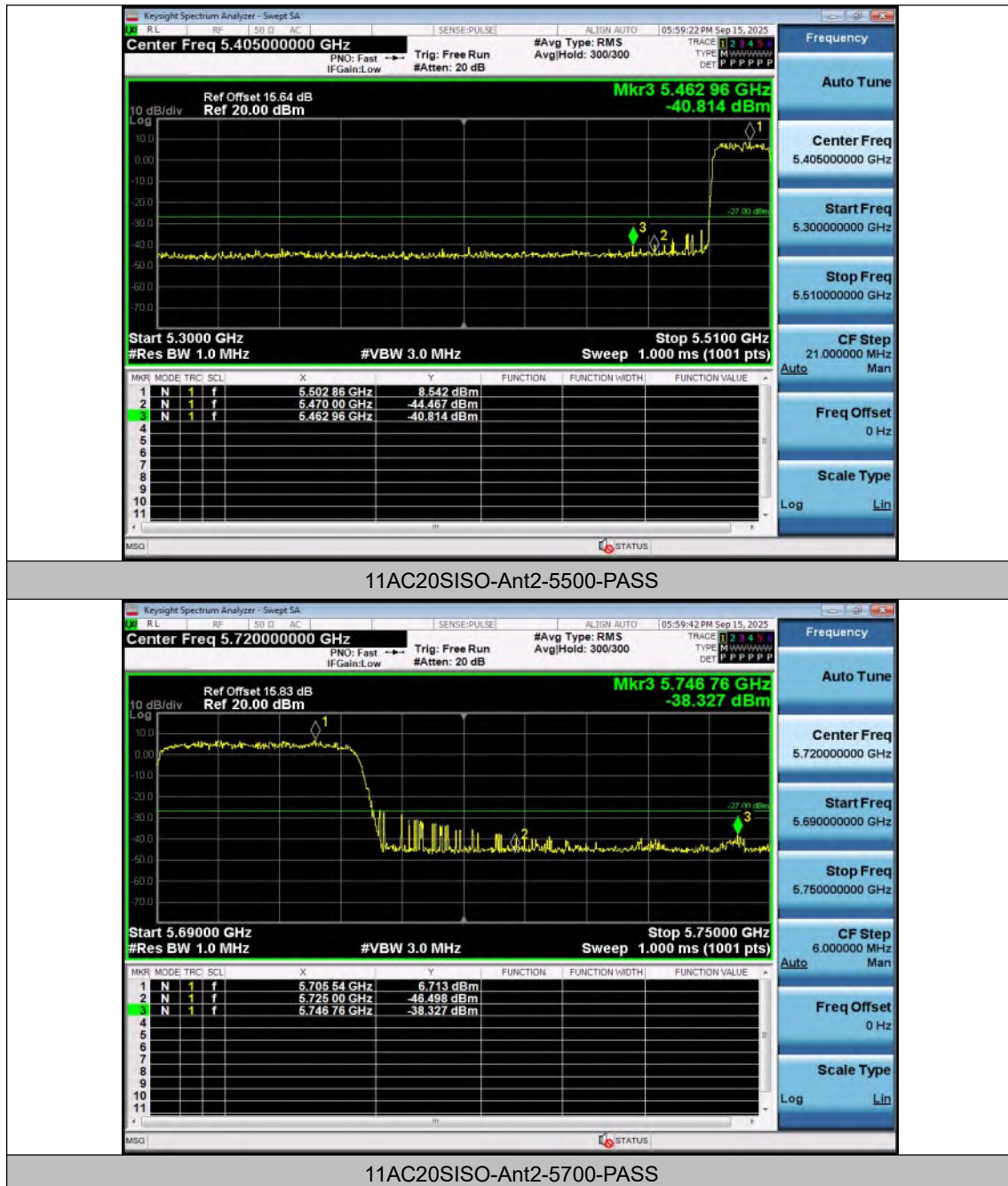




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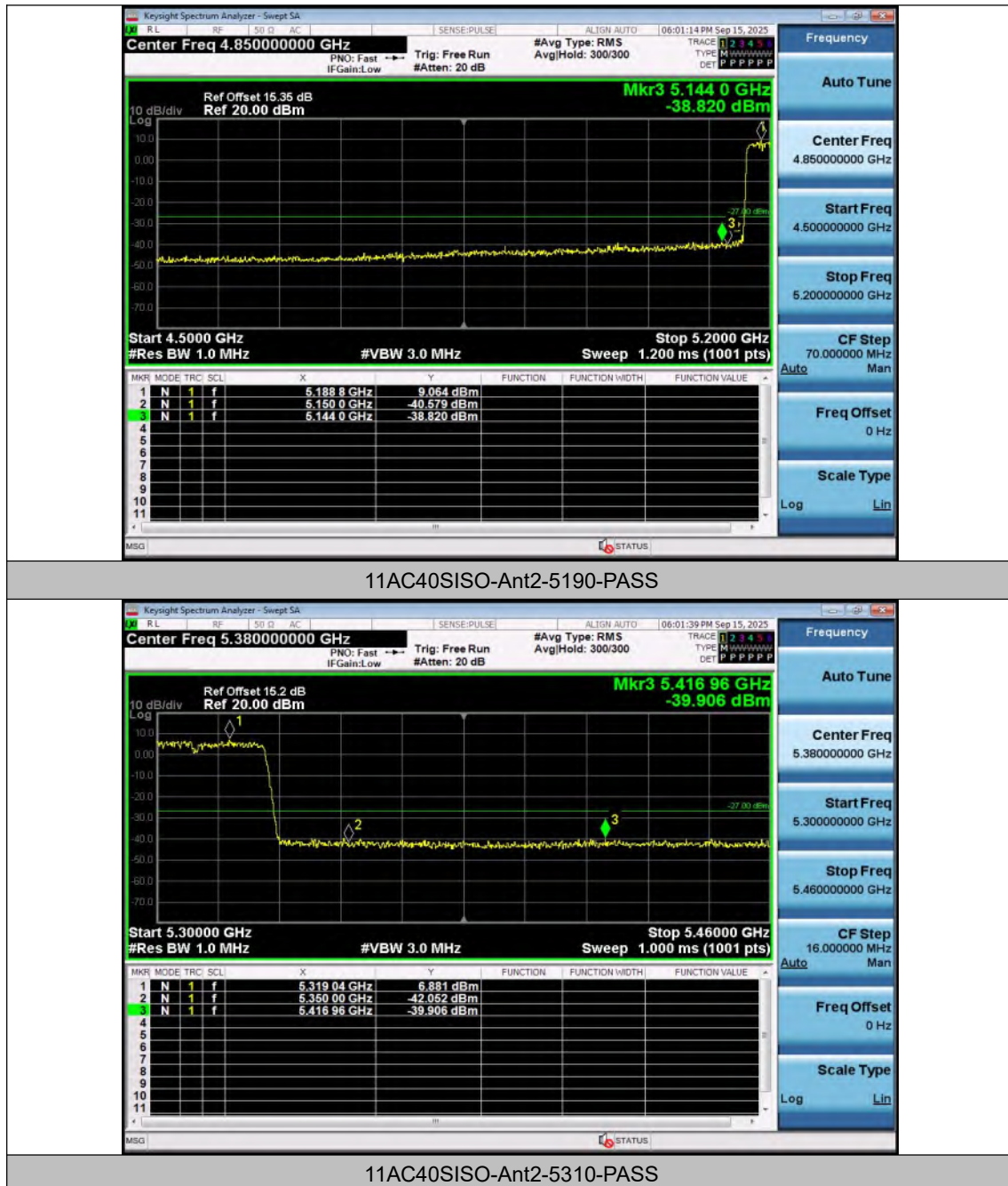




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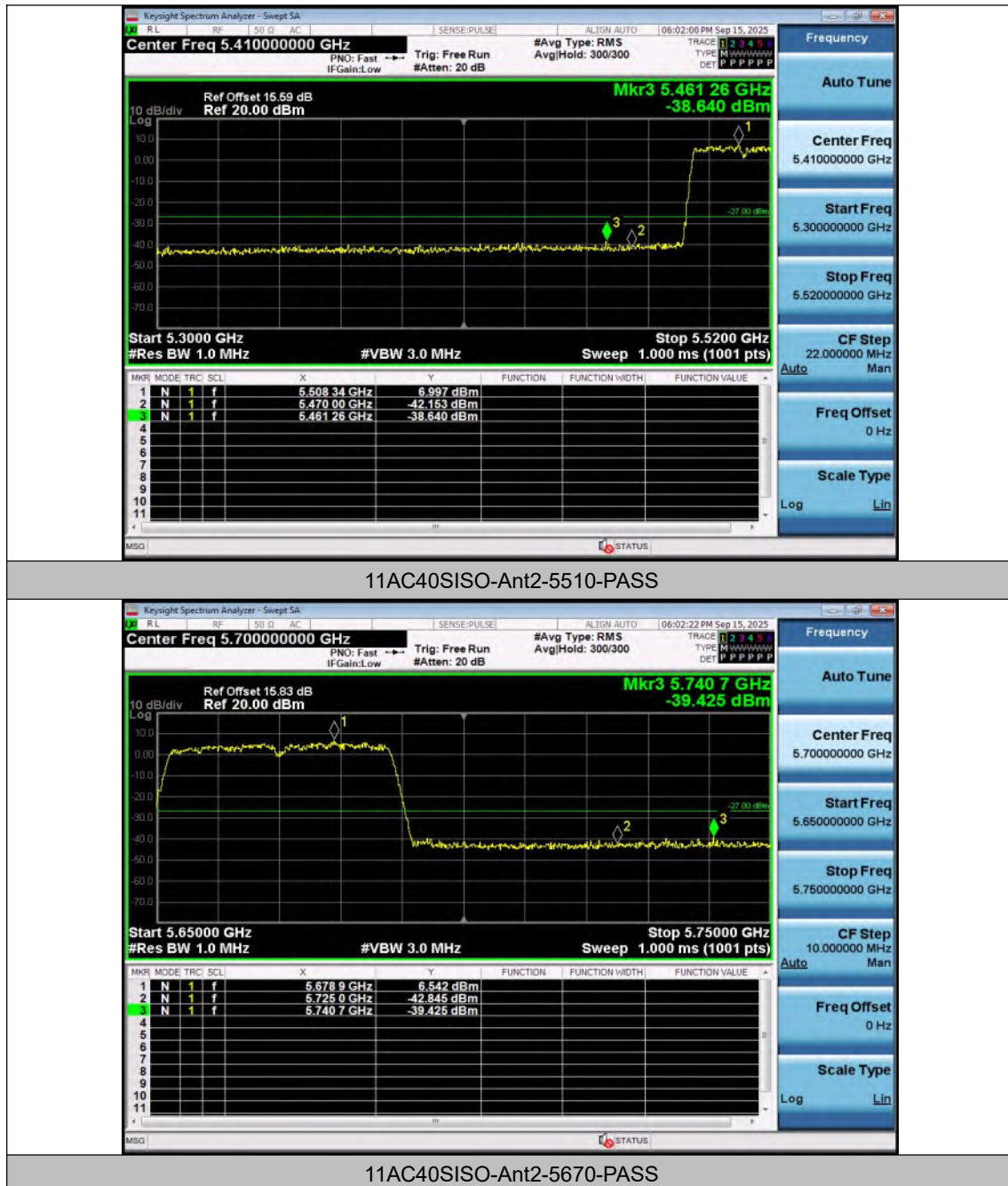




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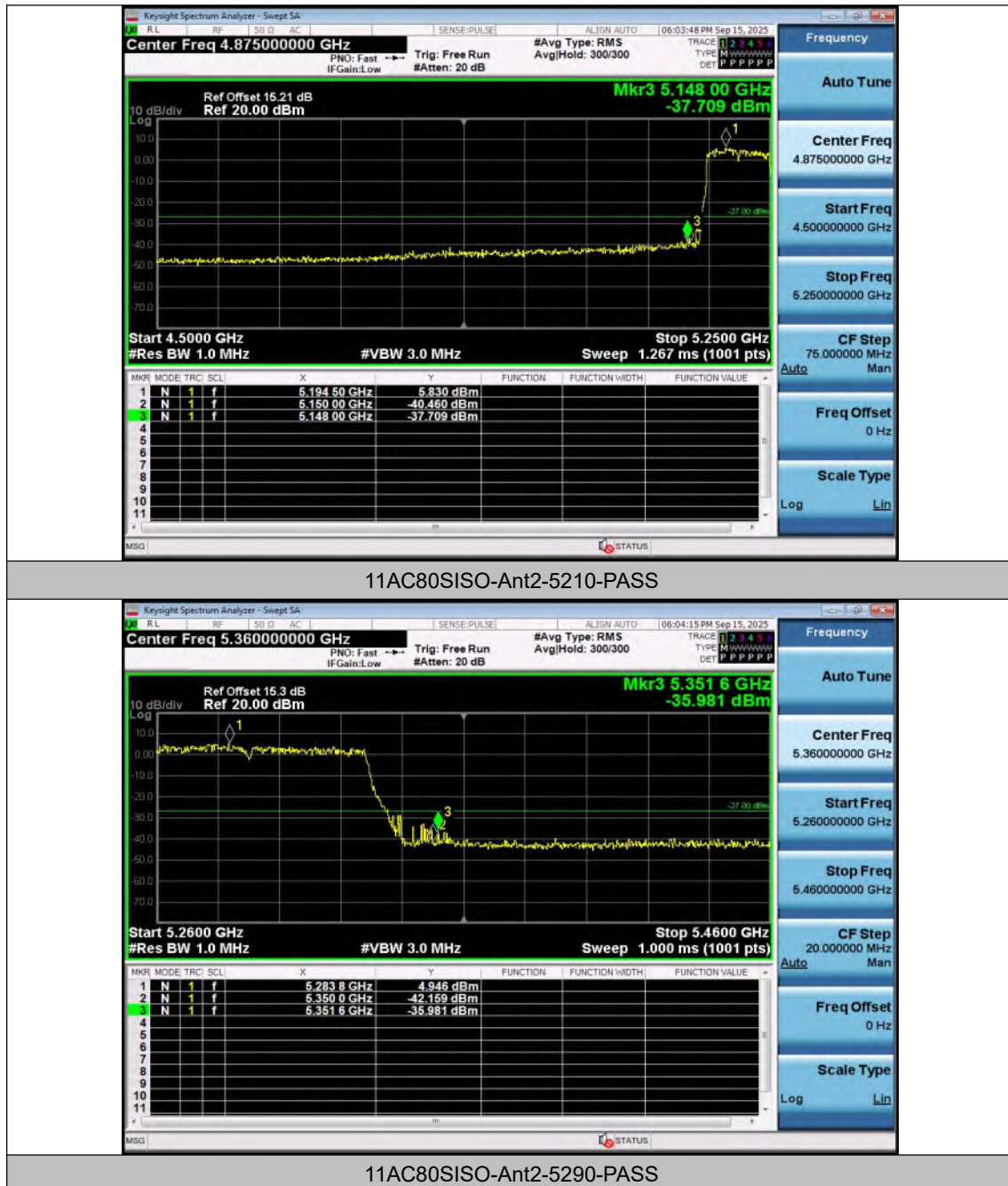




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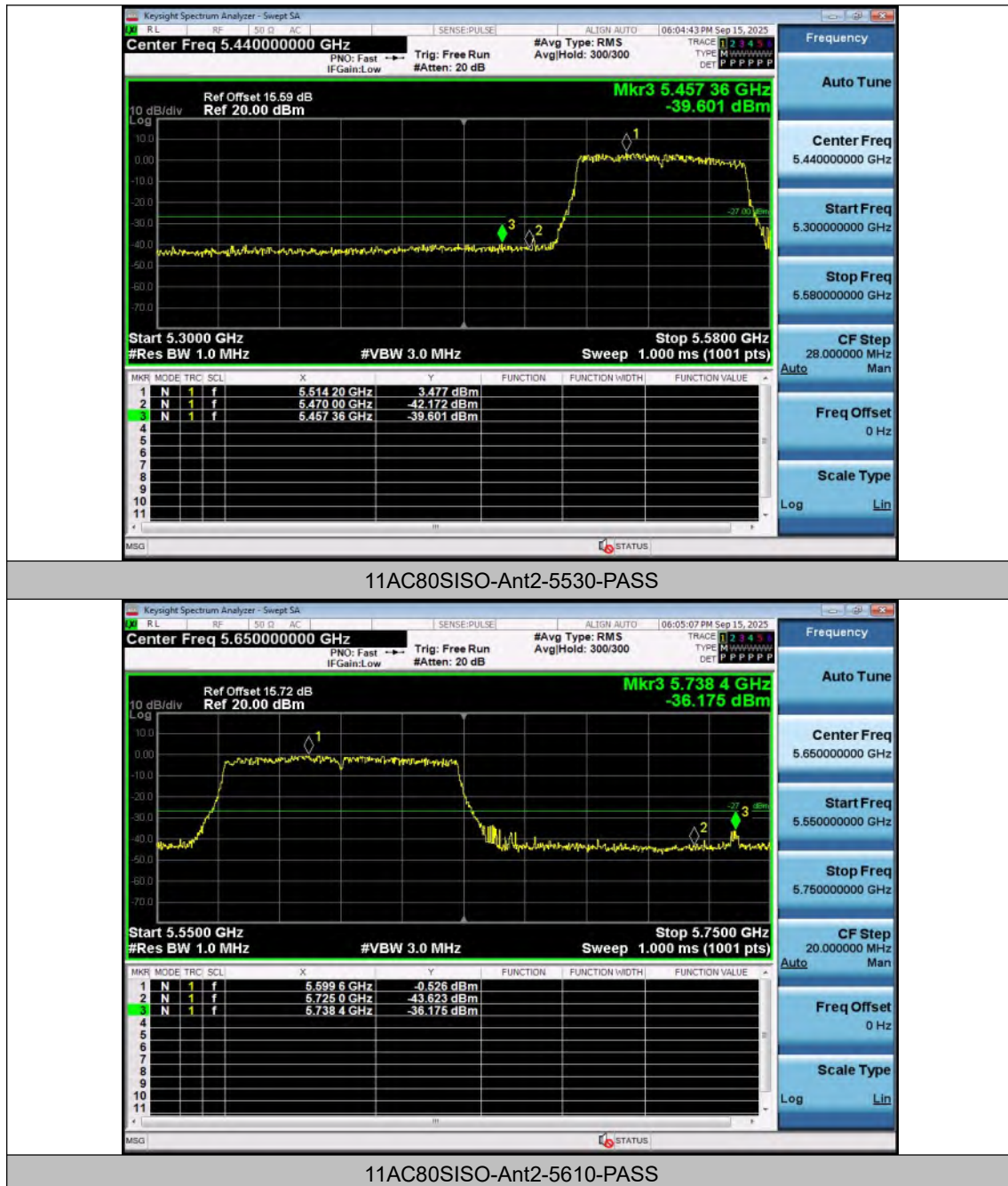




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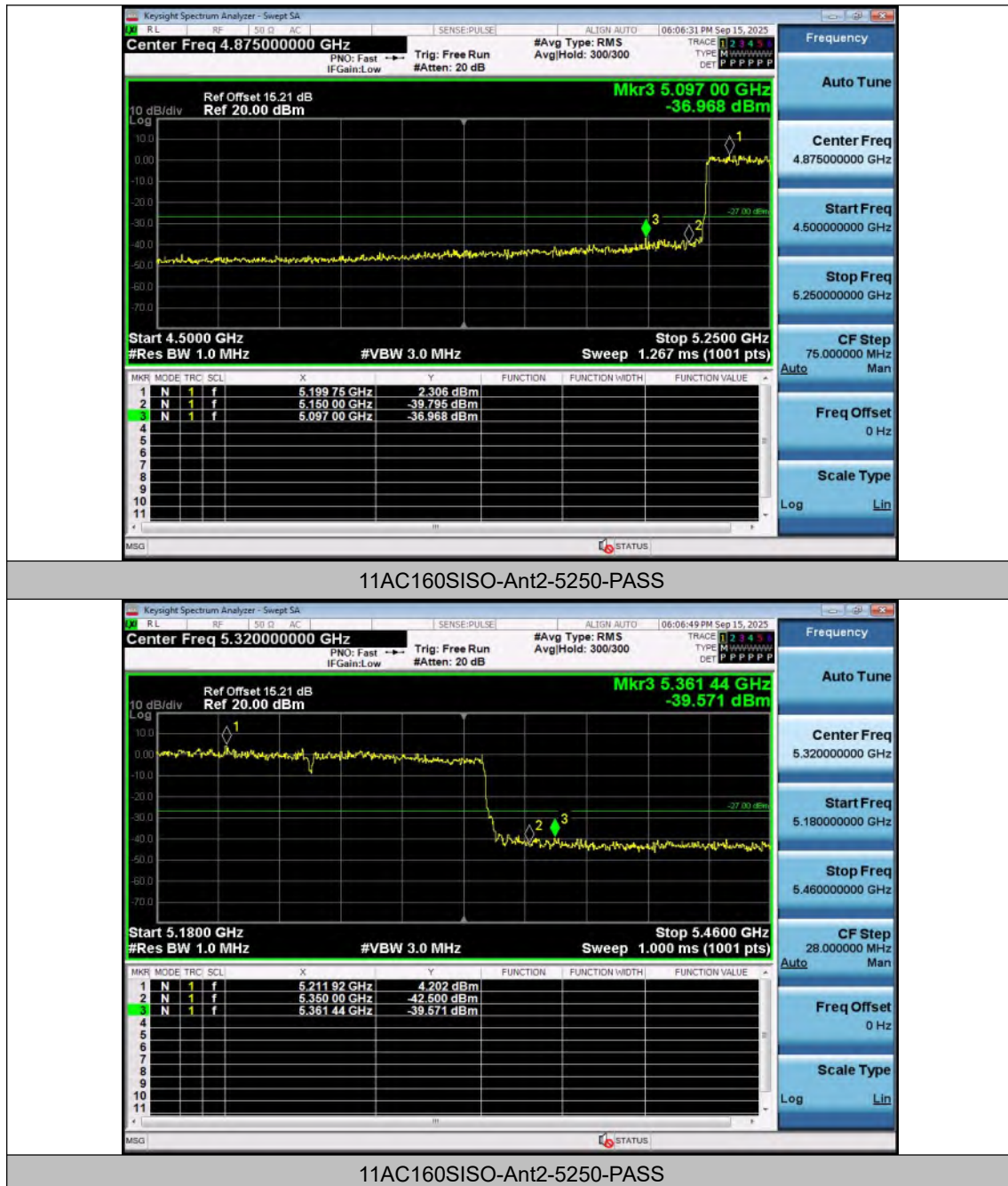




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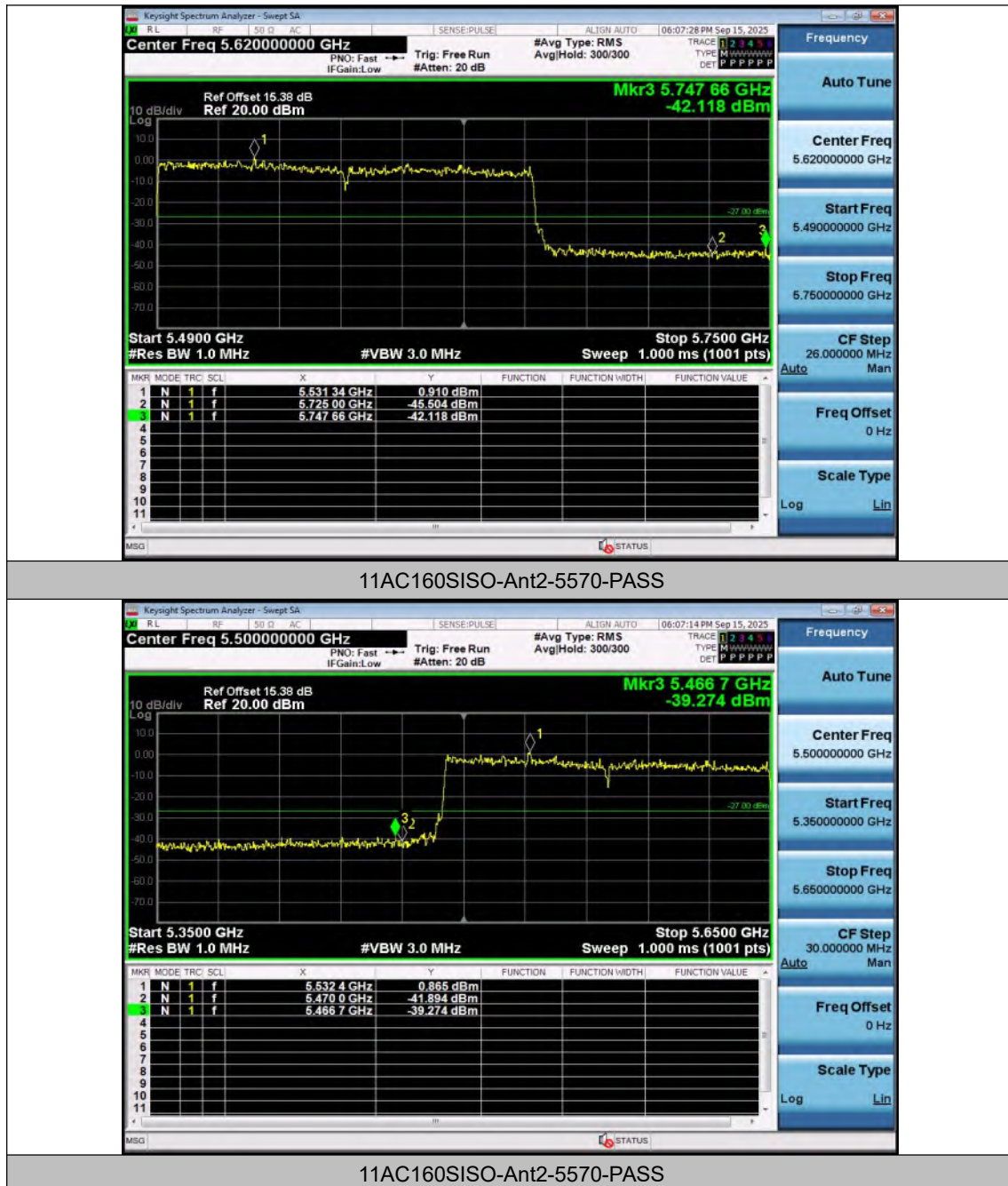




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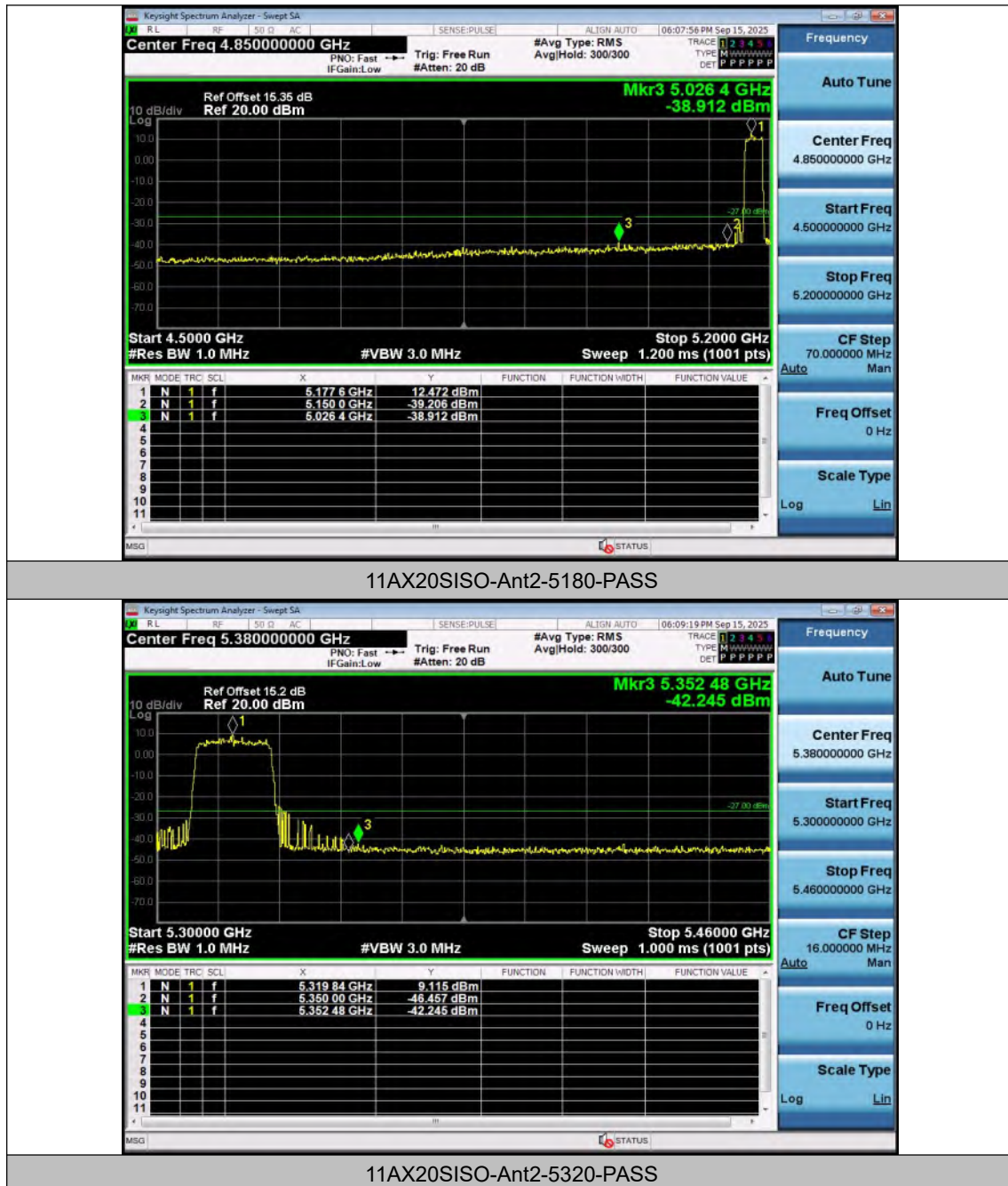




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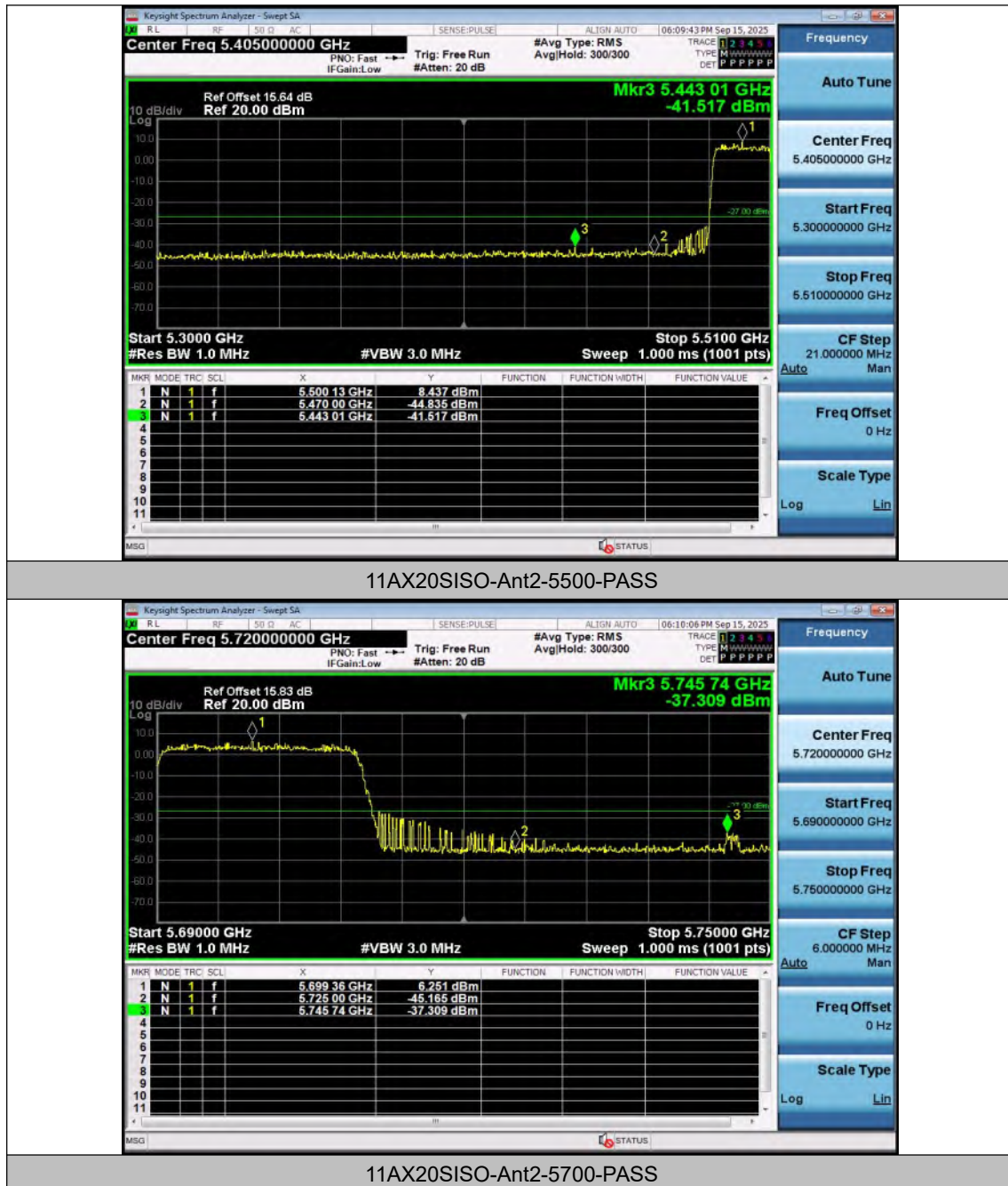




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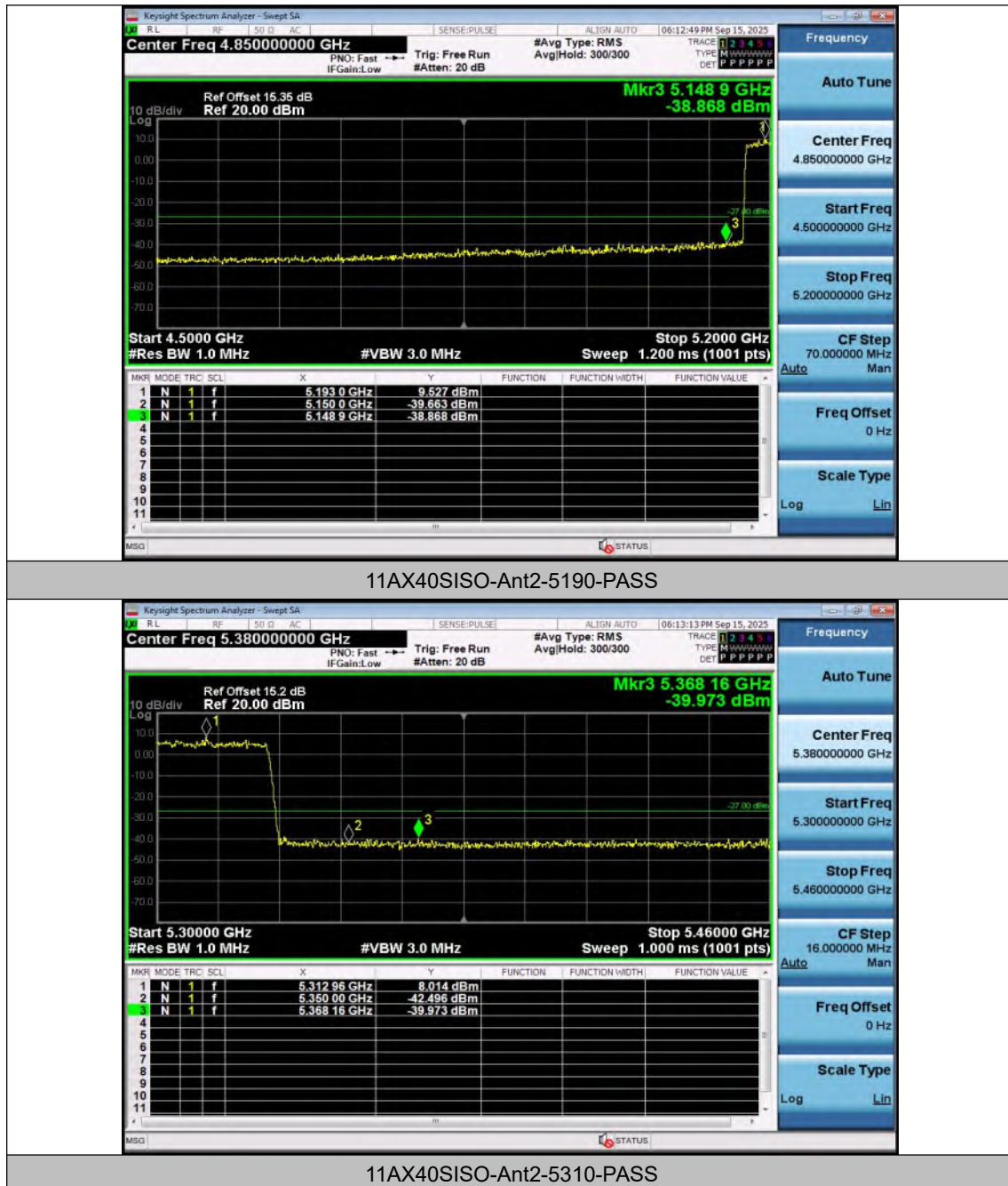




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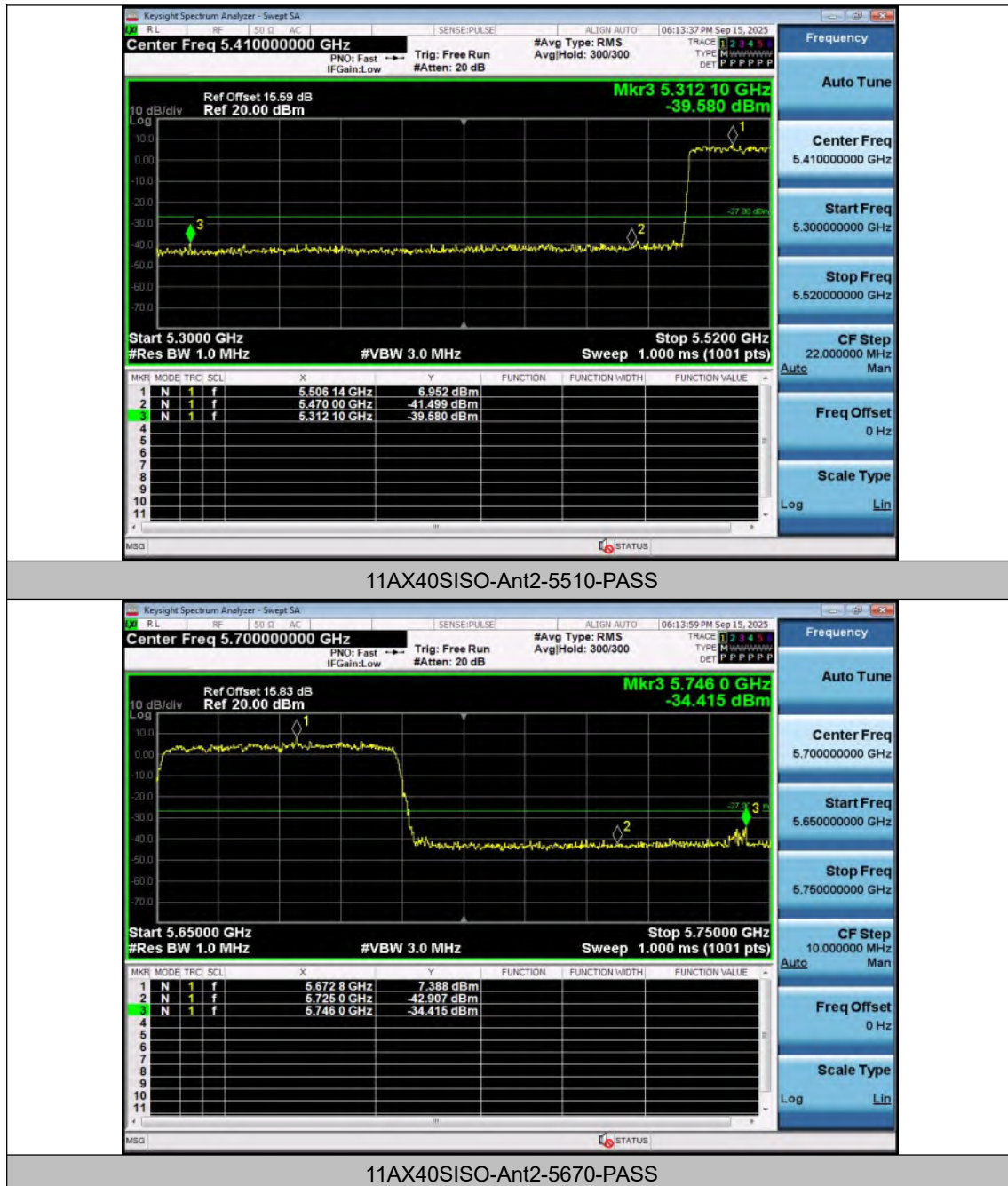




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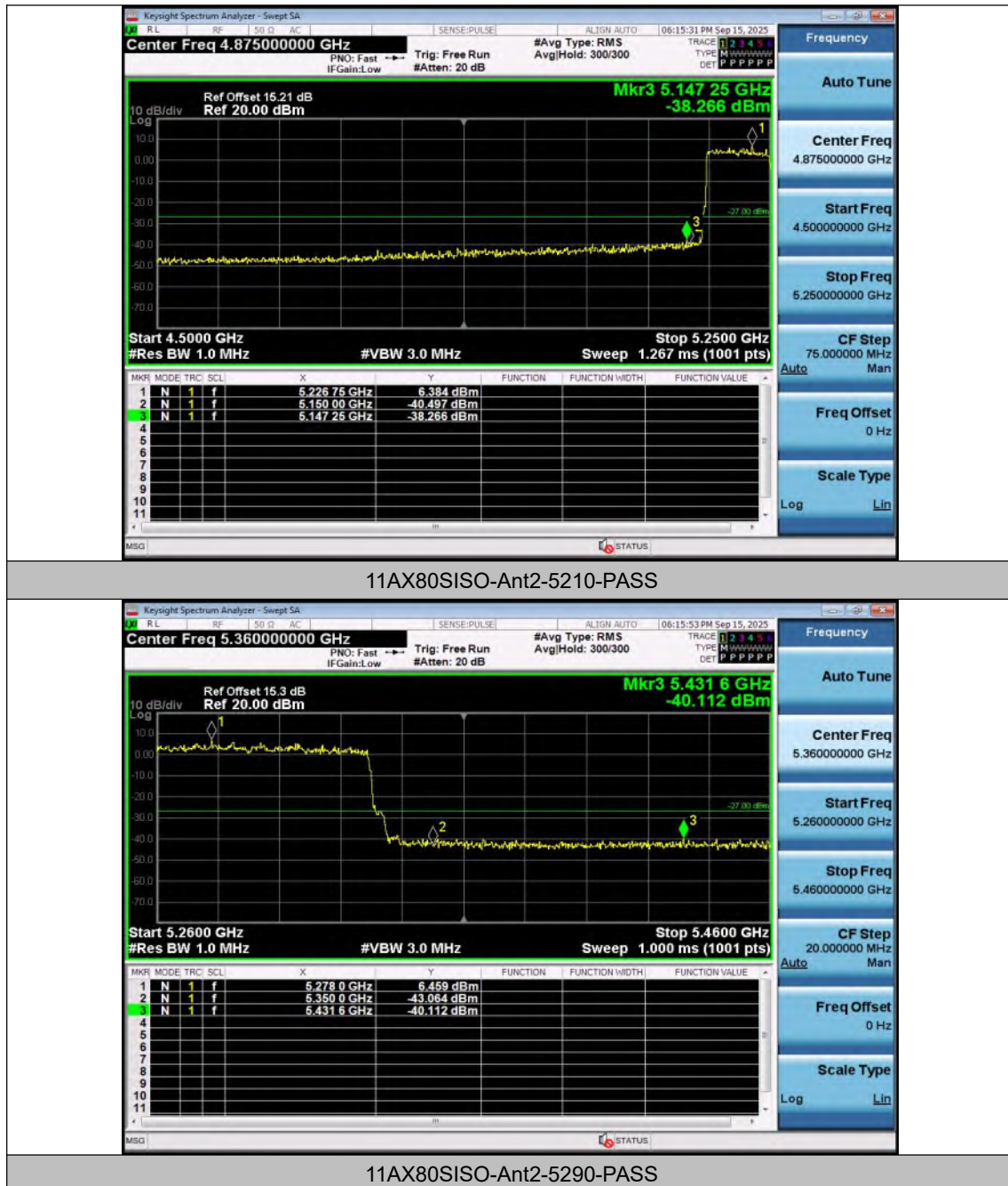




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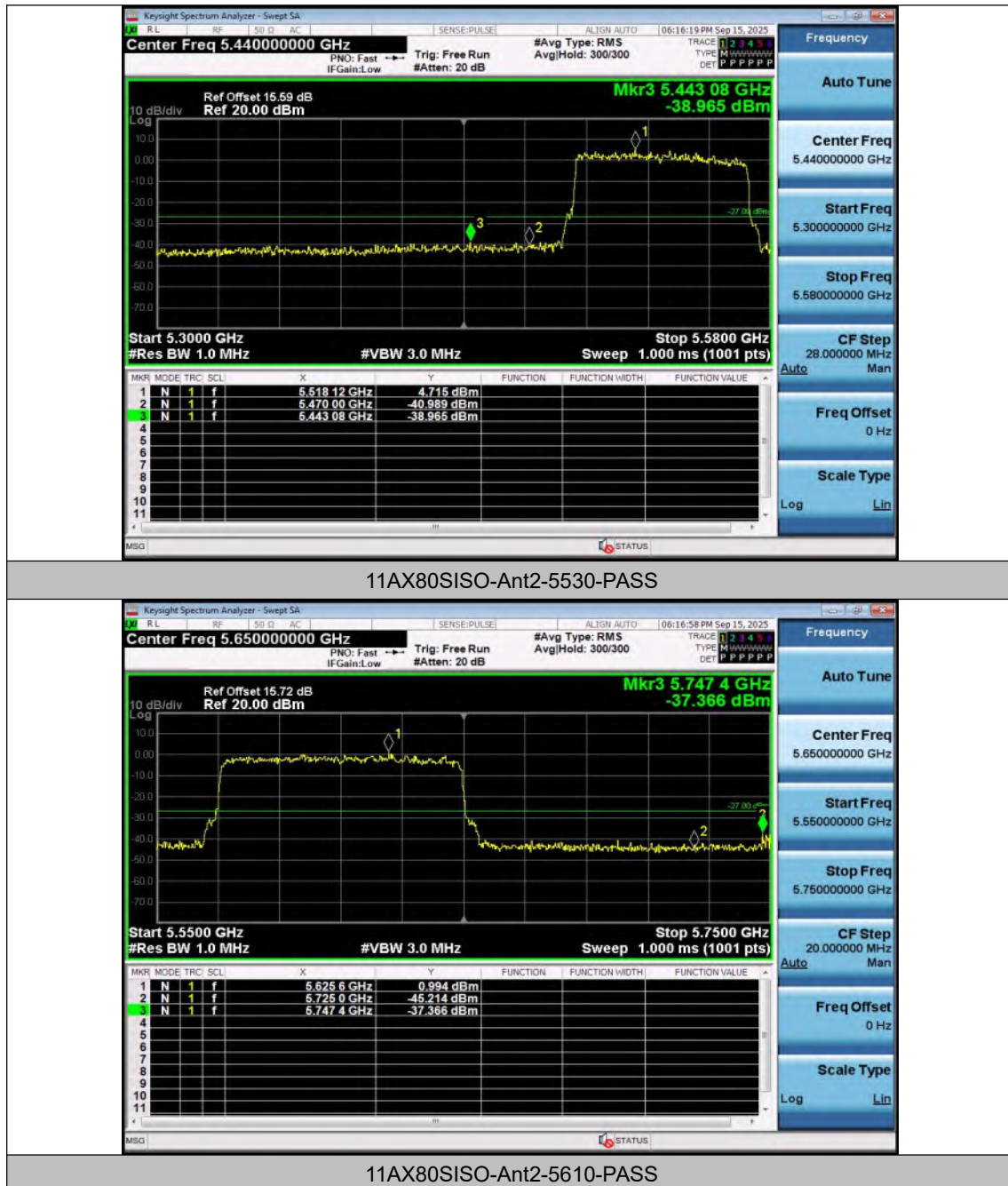




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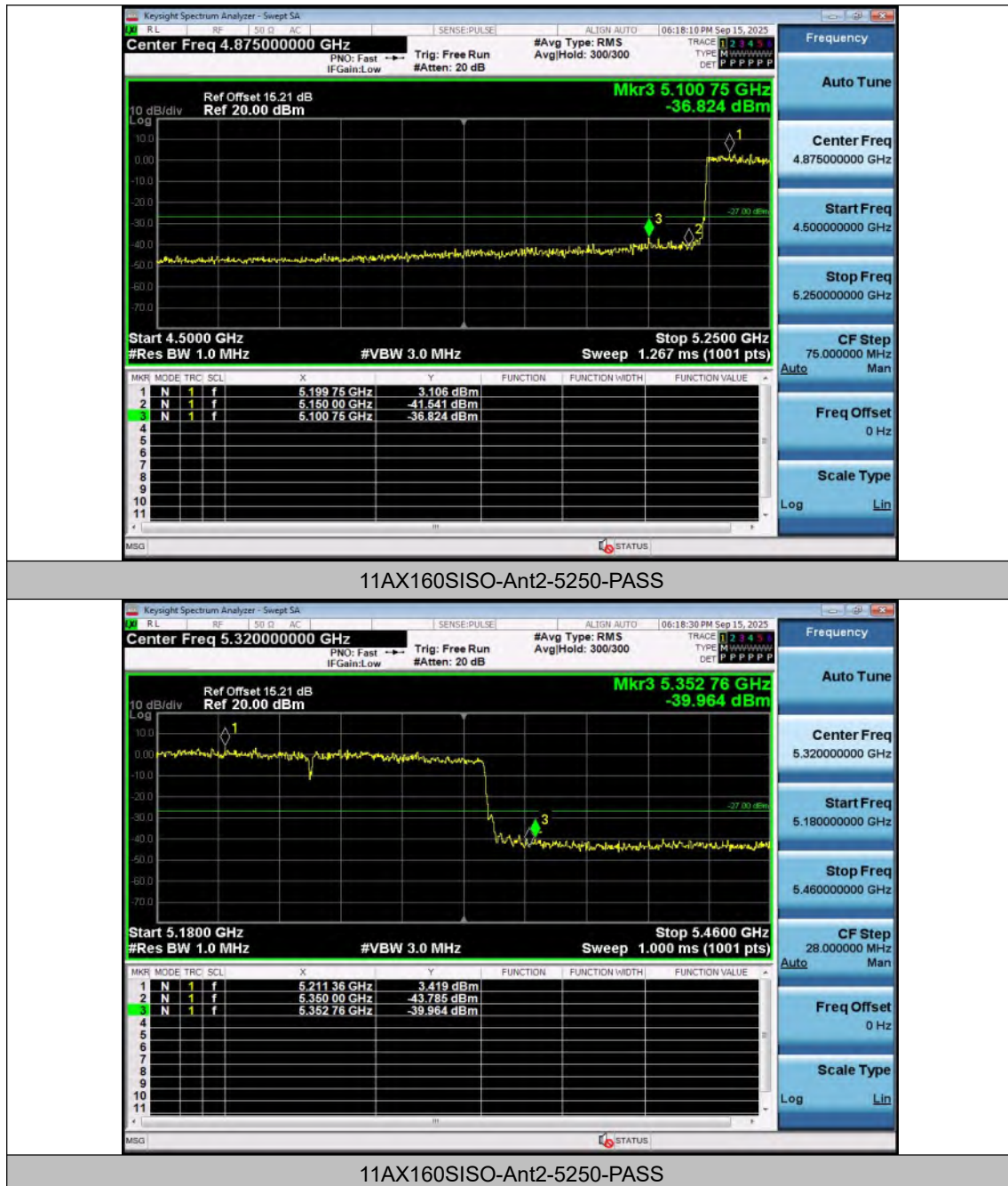




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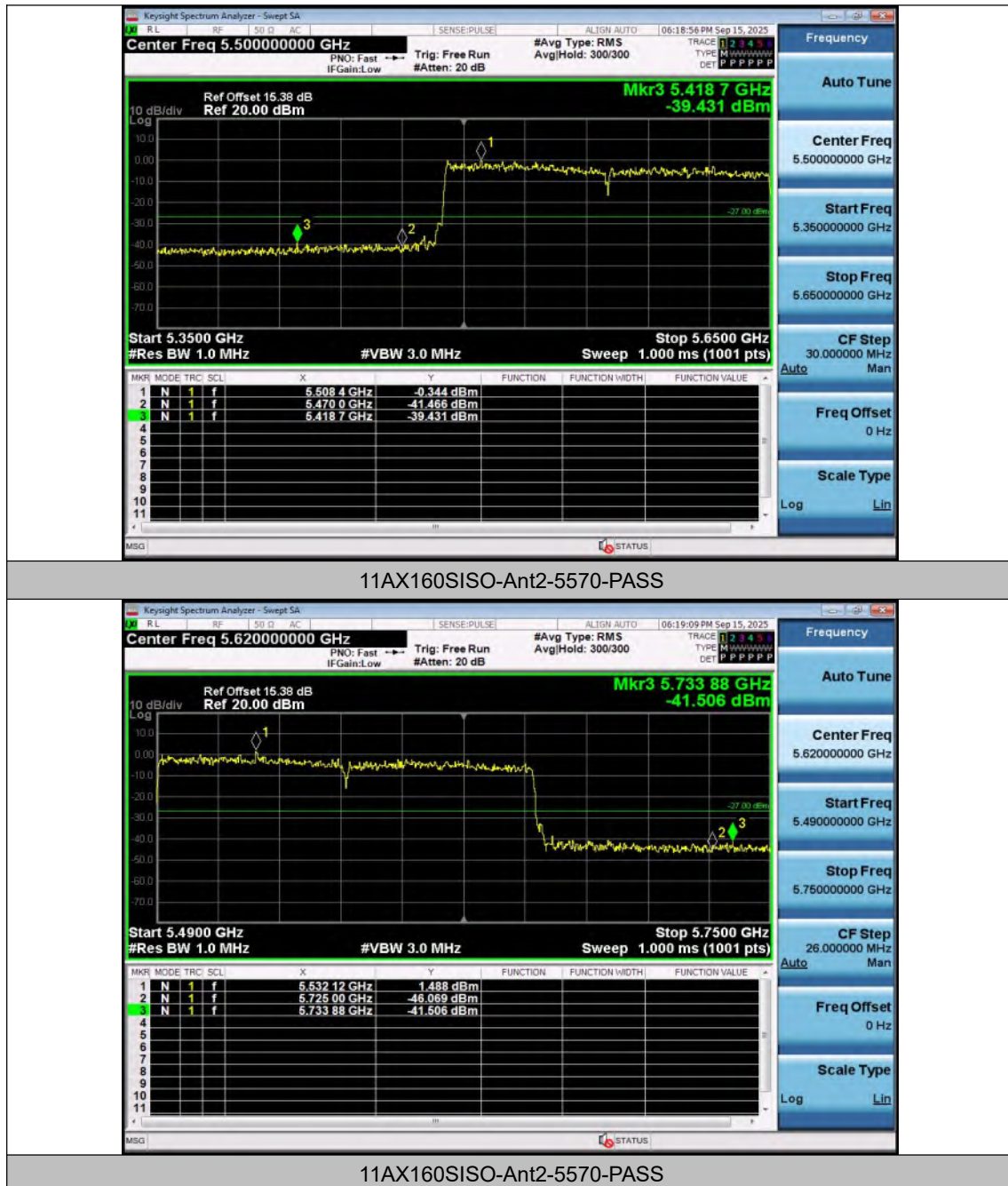




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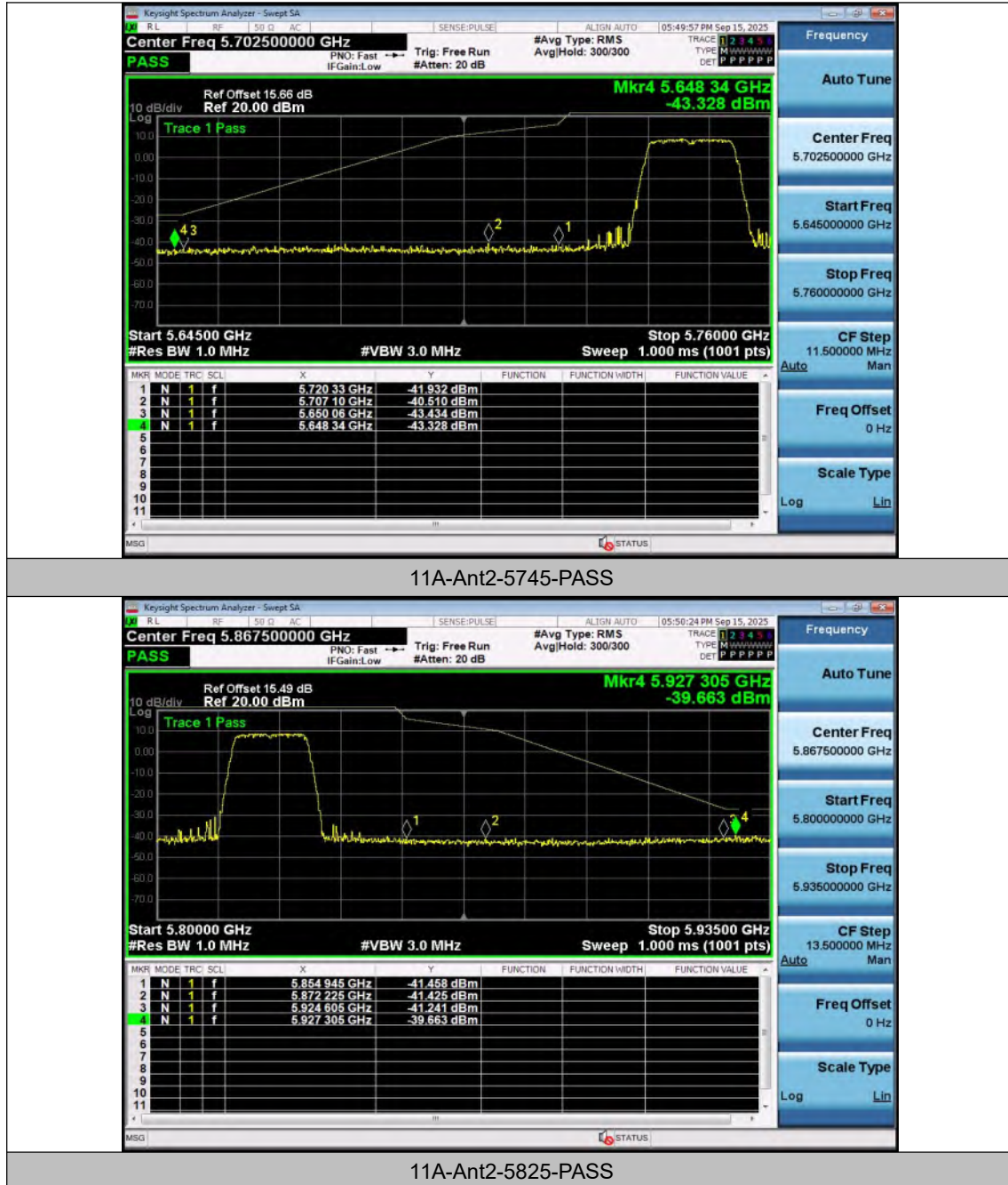




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Test Graphs B4

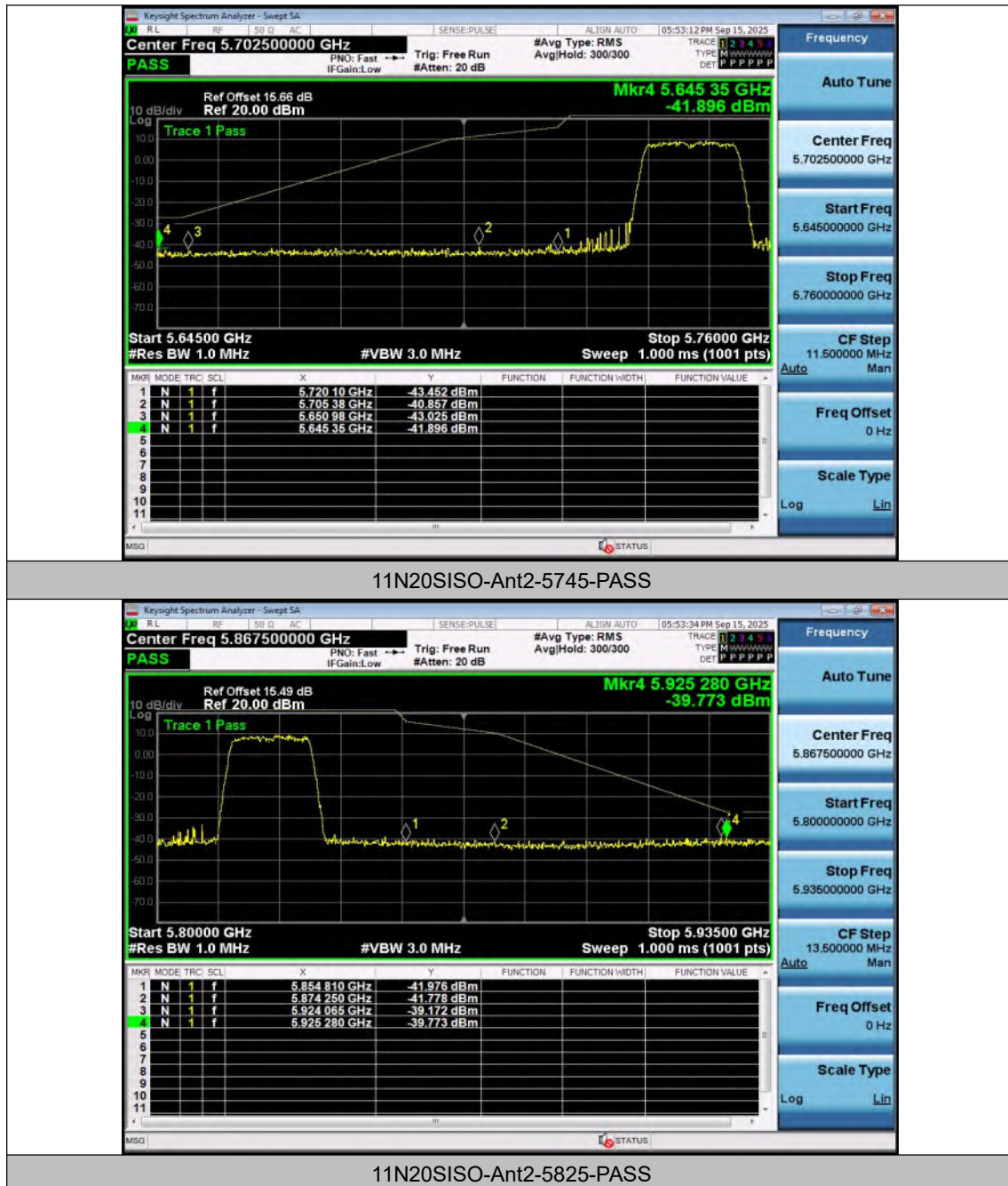




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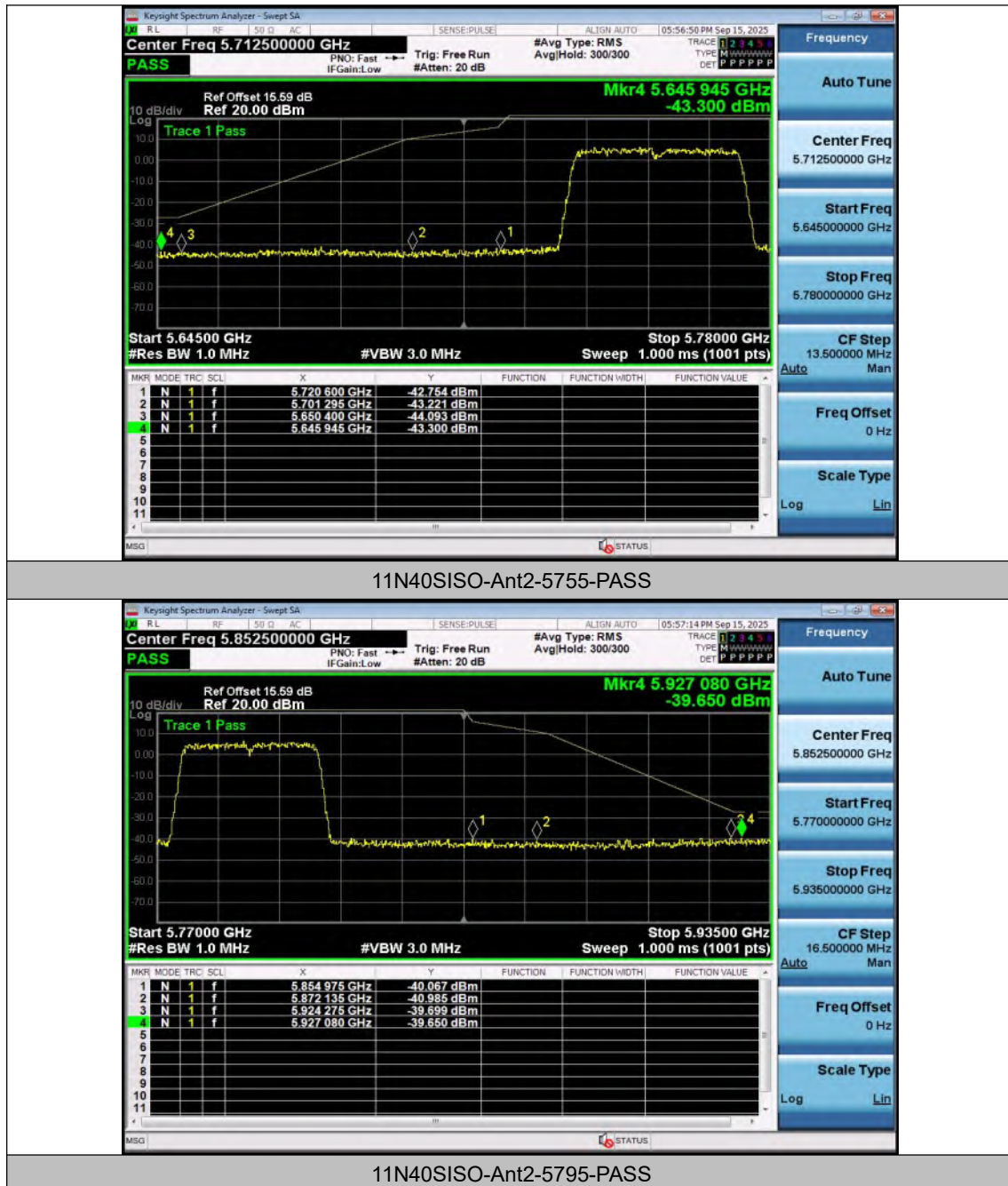




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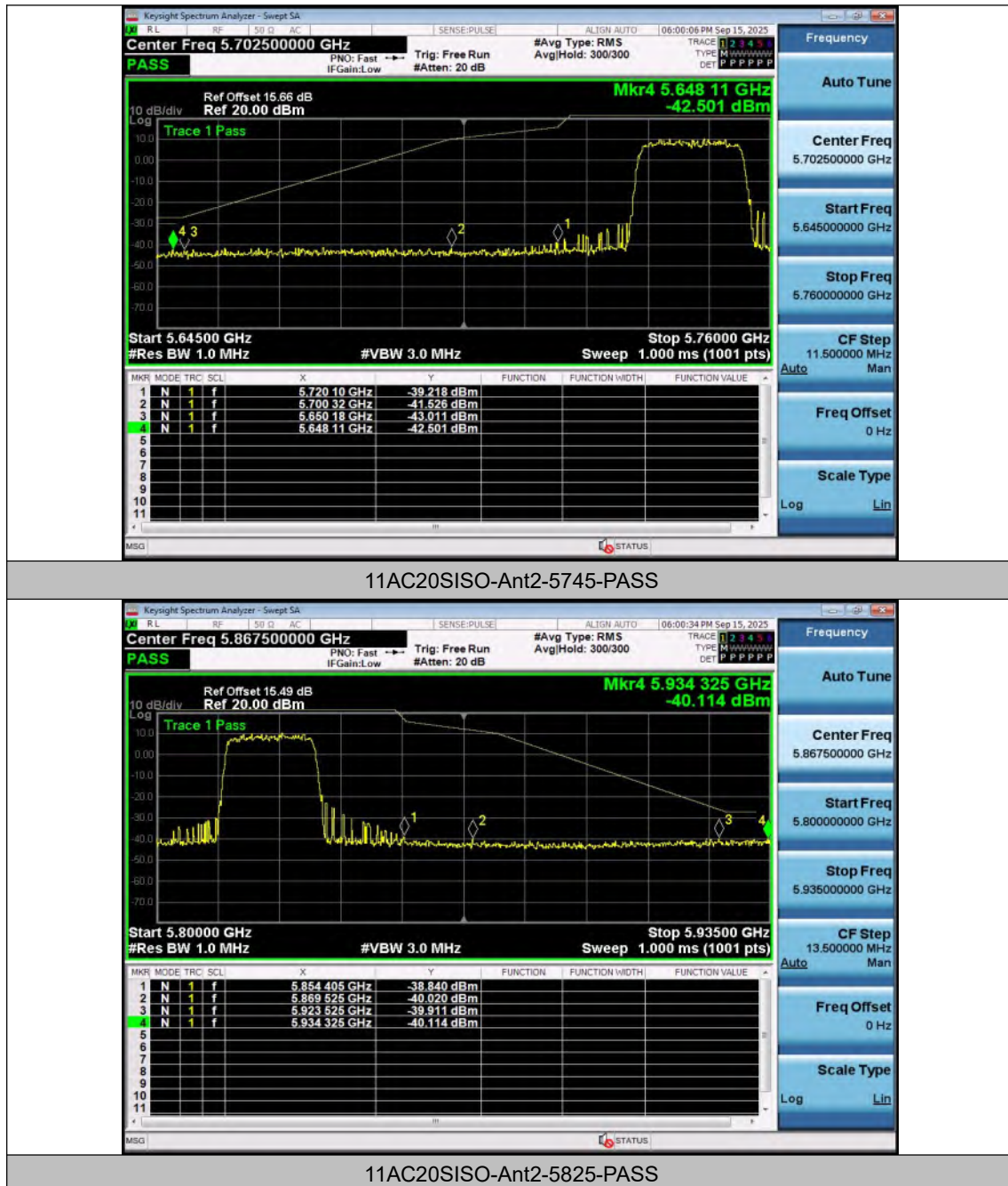
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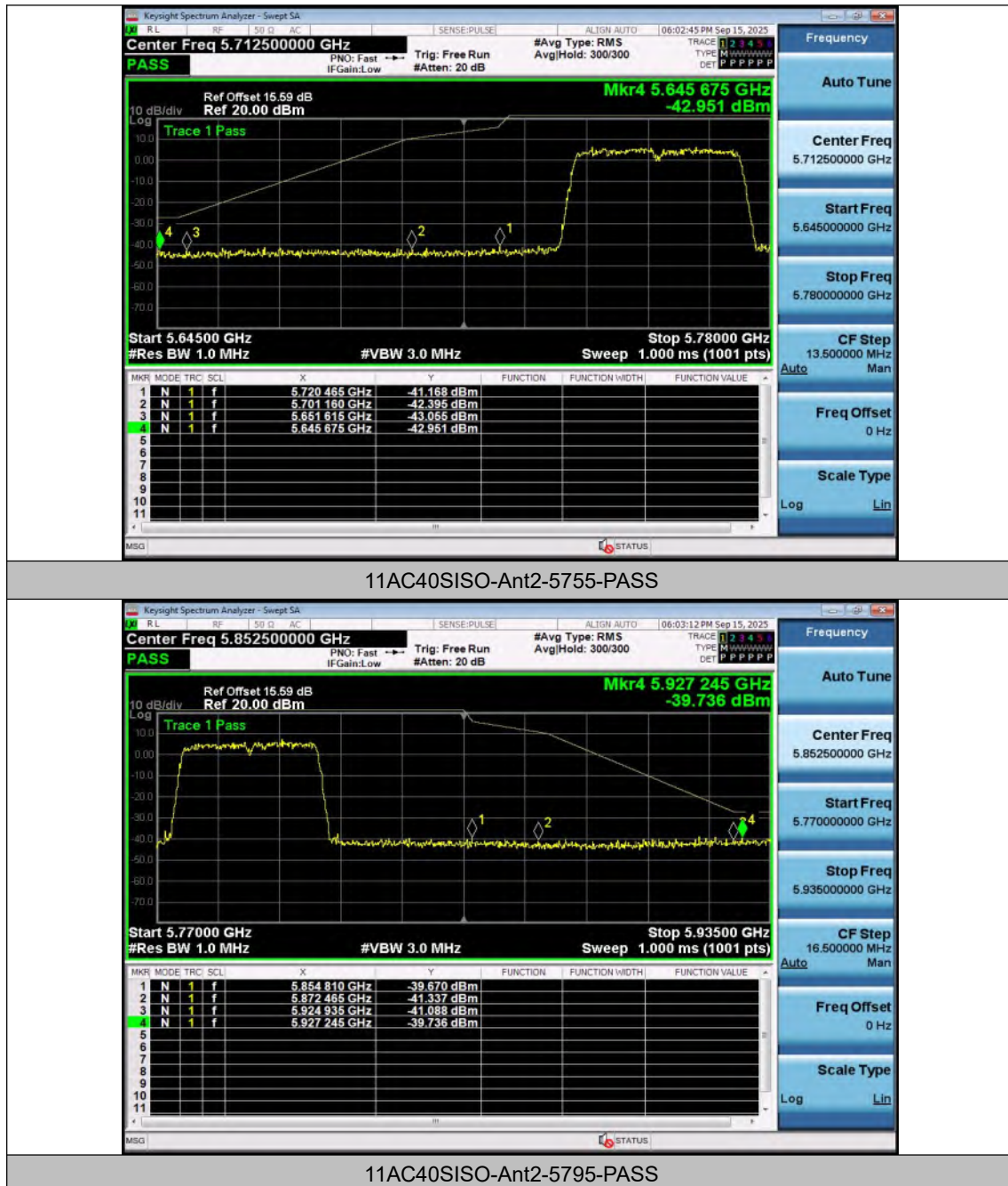




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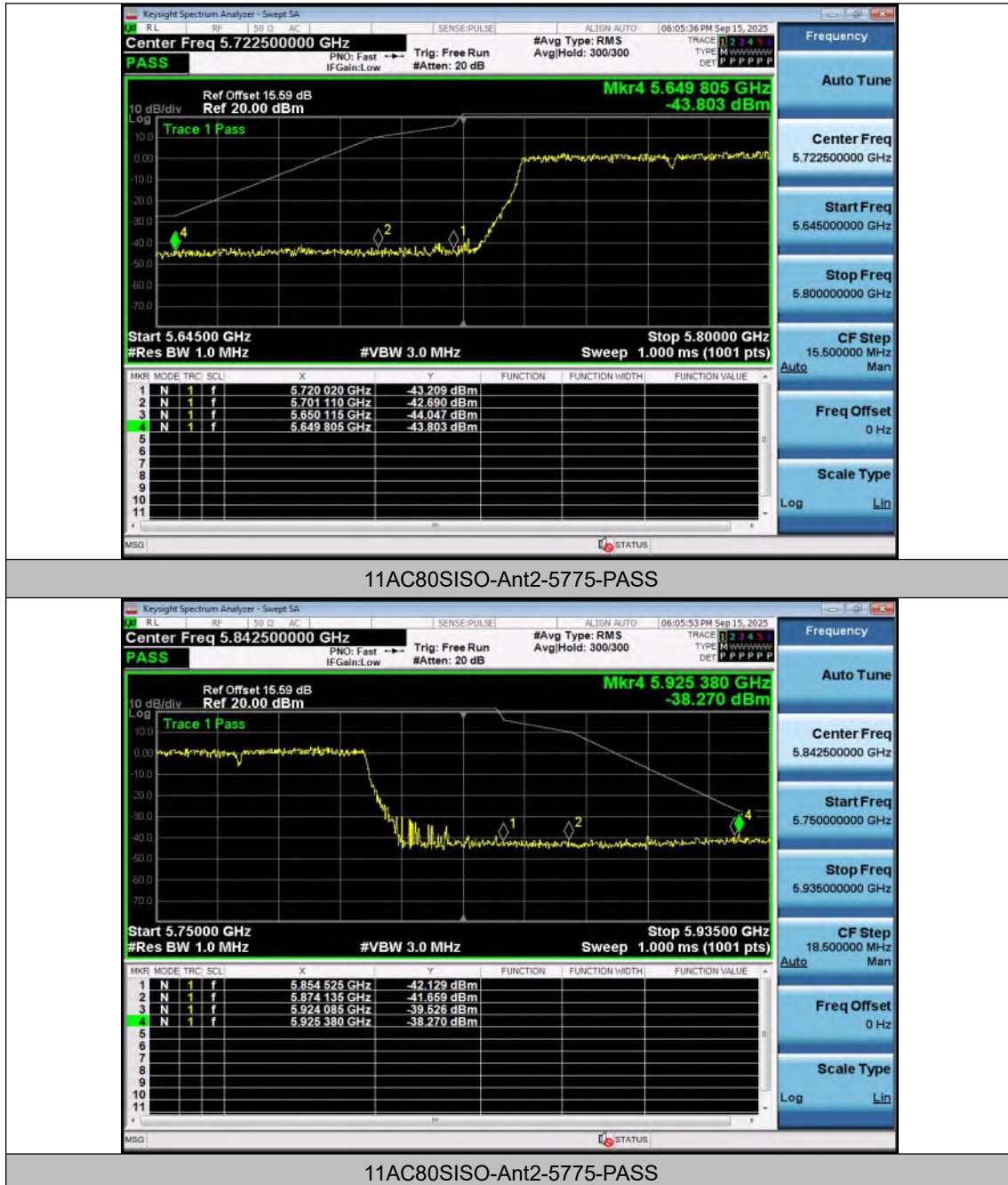




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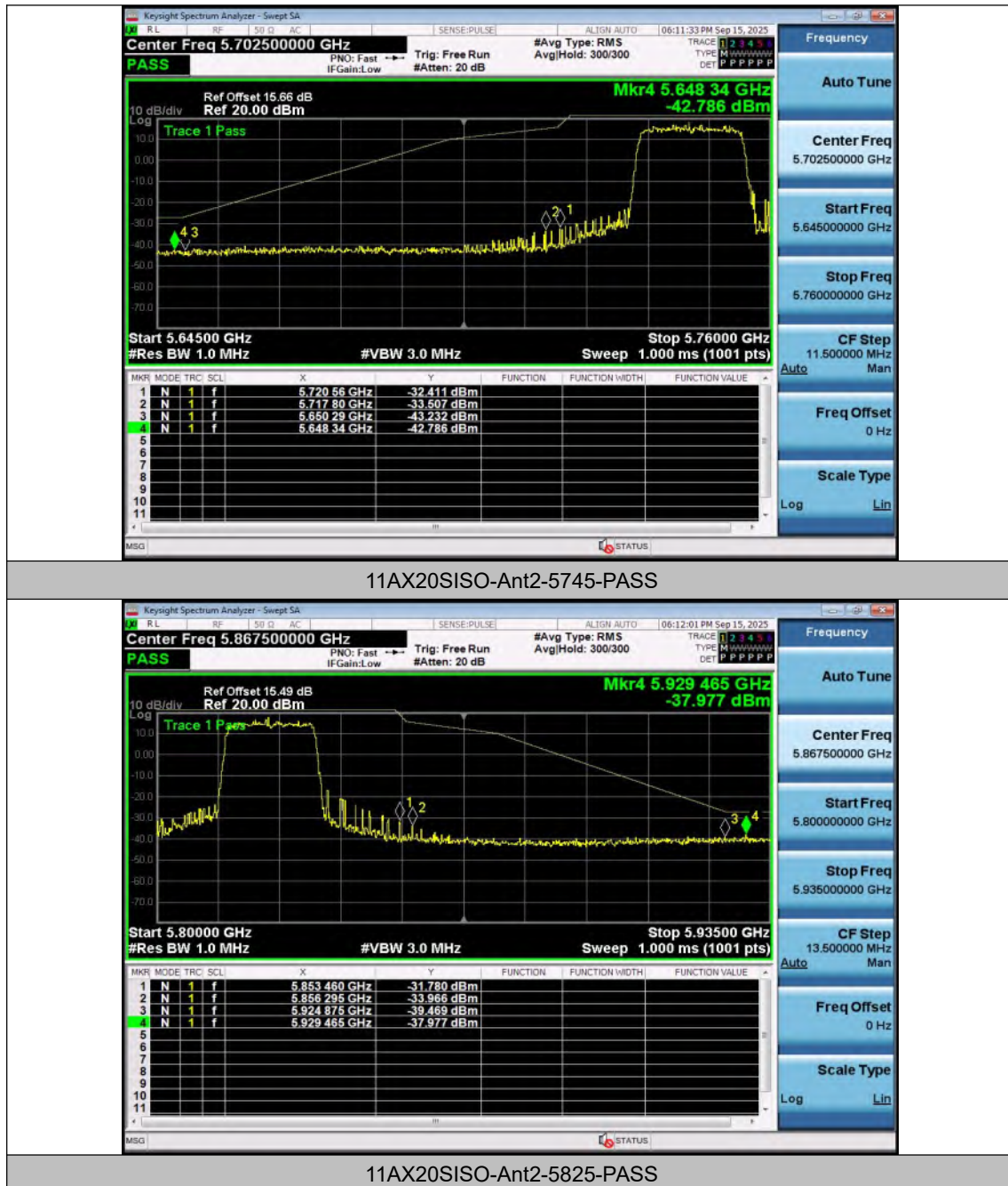




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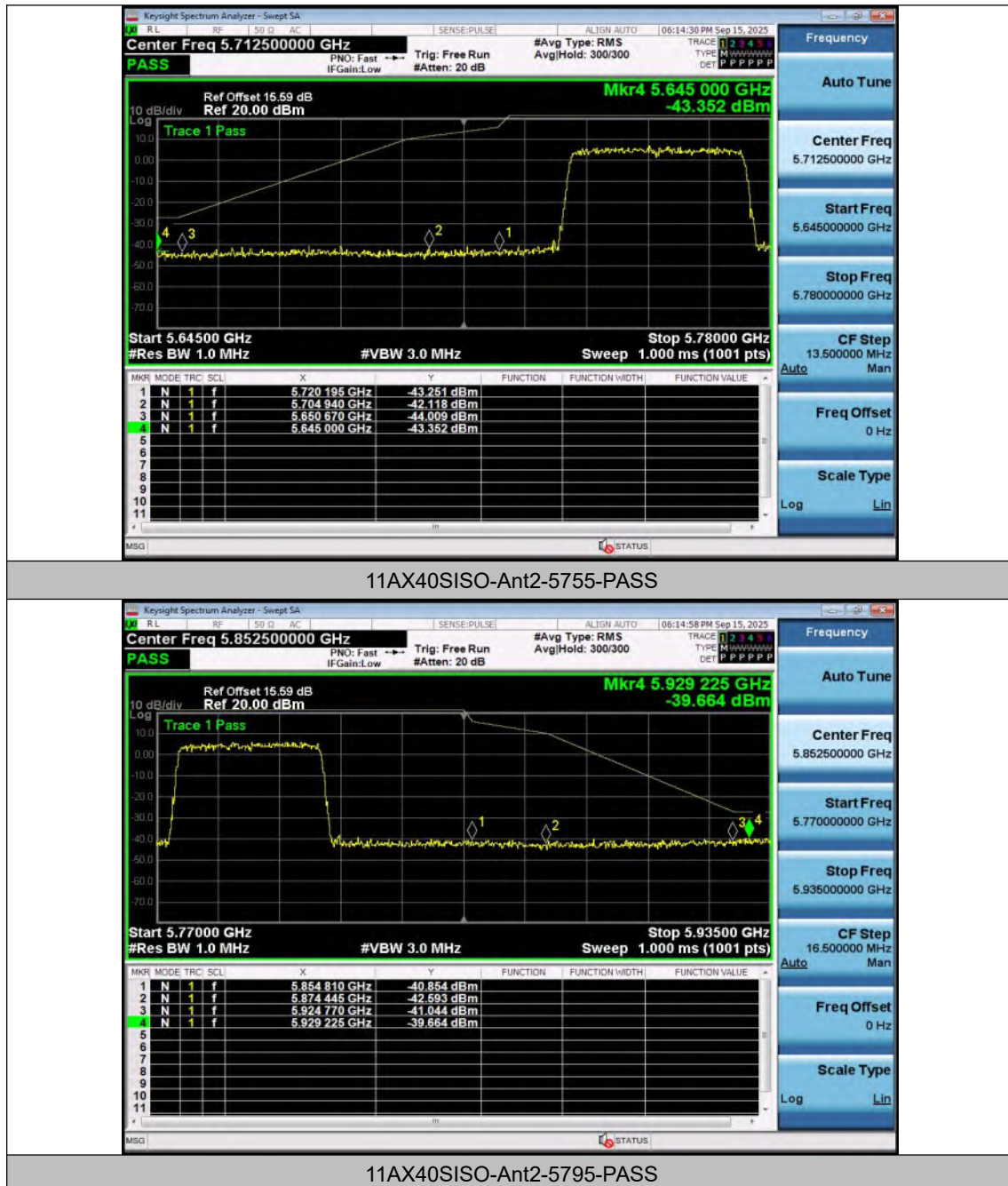




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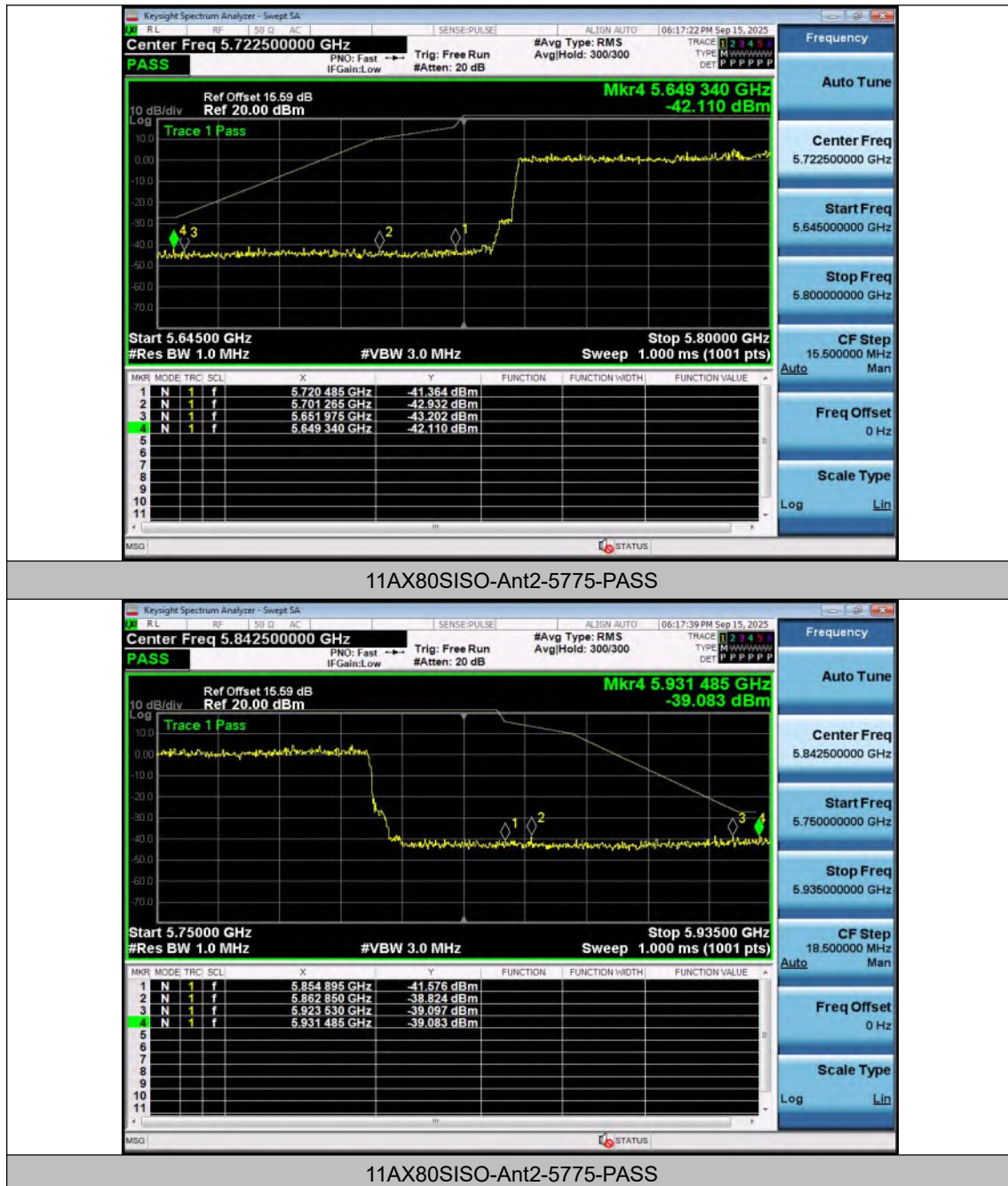




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Appendix F: Frequency Stability

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	115.55	0.02231	Within the band of operation	Pass
	-20	116.92	0.02257		
	-10	122.05	0.02356		
	0	170.35	0.03289		
	10	165.98	0.03204		
	20	151.17	0.02918		
	30	144.77	0.02795		
	40	141.52	0.02732		
	50	126.38	0.02440		
13.2	20	166.92	0.03222	Within the band of operation	Pass
10.8	20	171.25	0.03306		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	157.69	0.02998	Within the band of operation	Pass
	-20	147.86	0.02811		
	-10	169.10	0.03215		
	0	138.75	0.02638		
	10	164.29	0.03123		
	20	139.03	0.02643		
	30	112.48	0.02138		
	40	128.33	0.02440		
	50	172.42	0.03278		
13.2	20	113.82	0.02164	Within the band of operation	Pass
10.8	20	162.45	0.03088		



Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	136.32	0.02479	Within the band of operation	Pass
	-20	120.70	0.02195		
	-10	148.78	0.02705		
	0	139.26	0.02532		
	10	133.09	0.02420		
	20	112.83	0.02051		
	30	124.50	0.02264		
	40	160.39	0.02916		
	50	165.94	0.03017		
13.2	20	132.98	0.02418	Within the band of operation	Pass
10.8	20	119.85	0.02179		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	177.33	0.03087	Within the band of operation	Pass
	-20	137.70	0.02397		
	-10	156.65	0.02727		
	0	166.23	0.02893		
	10	174.82	0.03043		
	20	167.34	0.02913		
	30	116.87	0.02034		
	40	137.05	0.02386		
	50	173.08	0.03013		
13.2	20	133.83	0.02330	Within the band of operation	Pass
10.8	20	141.72	0.02467		



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Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	139.84	0.02700	Within the band of operation	Pass
	-20	141.17	0.02725		
	-10	150.83	0.02912		
	0	154.88	0.02990		
	10	166.52	0.03215		
	20	145.74	0.02814		
	30	131.05	0.02530		
	40	157.47	0.03040		
	50	172.30	0.03326		
13.2	20	114.26	0.02206	Within the band of operation	Pass
10.8	20	114.69	0.02214		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	117.42	0.02232	Within the band of operation	Pass
	-20	172.65	0.03282		
	-10	148.77	0.02828		
	0	112.08	0.02131		
	10	119.74	0.02276		
	20	179.39	0.03410		
	30	152.57	0.02901		
	40	161.24	0.03065		
	50	123.26	0.02343		
13.2	20	152.44	0.02898	Within the band of operation	Pass
10.8	20	150.24	0.02856		



Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	173.28	0.03151	Within the band of operation	Pass
	-20	128.29	0.02333		
	-10	118.84	0.02161		
	0	150.01	0.02727		
	10	128.63	0.02339		
	20	164.79	0.02996		
	30	149.80	0.02724		
	40	157.28	0.02860		
	50	170.96	0.03108		
13.2	20	150.76	0.02741	Within the band of operation	Pass
10.8	20	147.92	0.02689		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	153.15	0.02666	Within the band of operation	Pass
	-20	112.10	0.01951		
	-10	179.77	0.03129		
	0	121.81	0.02120		
	10	159.36	0.02774		
	20	130.87	0.02278		
	30	128.05	0.02229		
	40	175.73	0.03059		
	50	164.50	0.02863		
13.2	20	136.29	0.02372	Within the band of operation	Pass
10.8	20	146.95	0.02558		