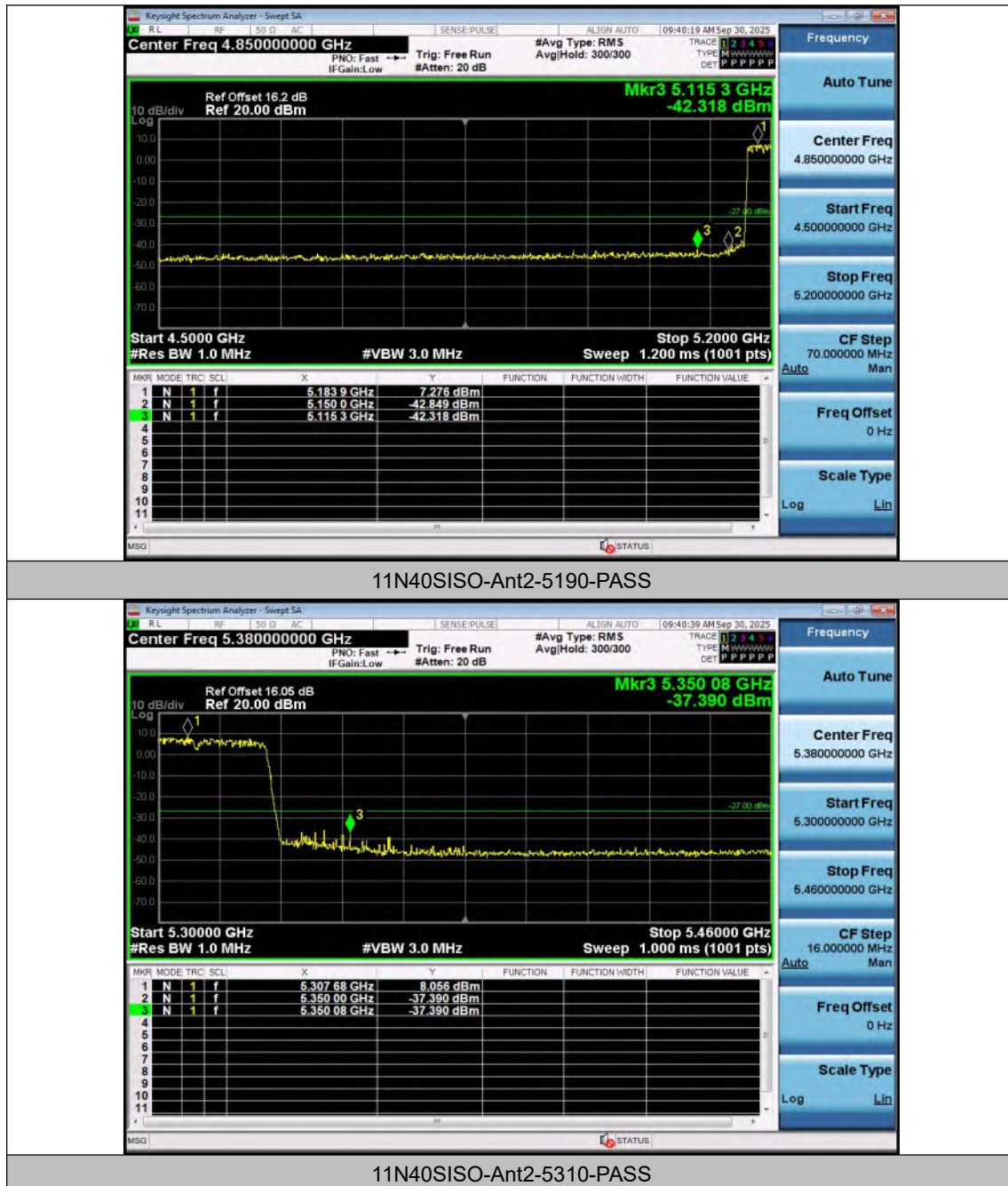




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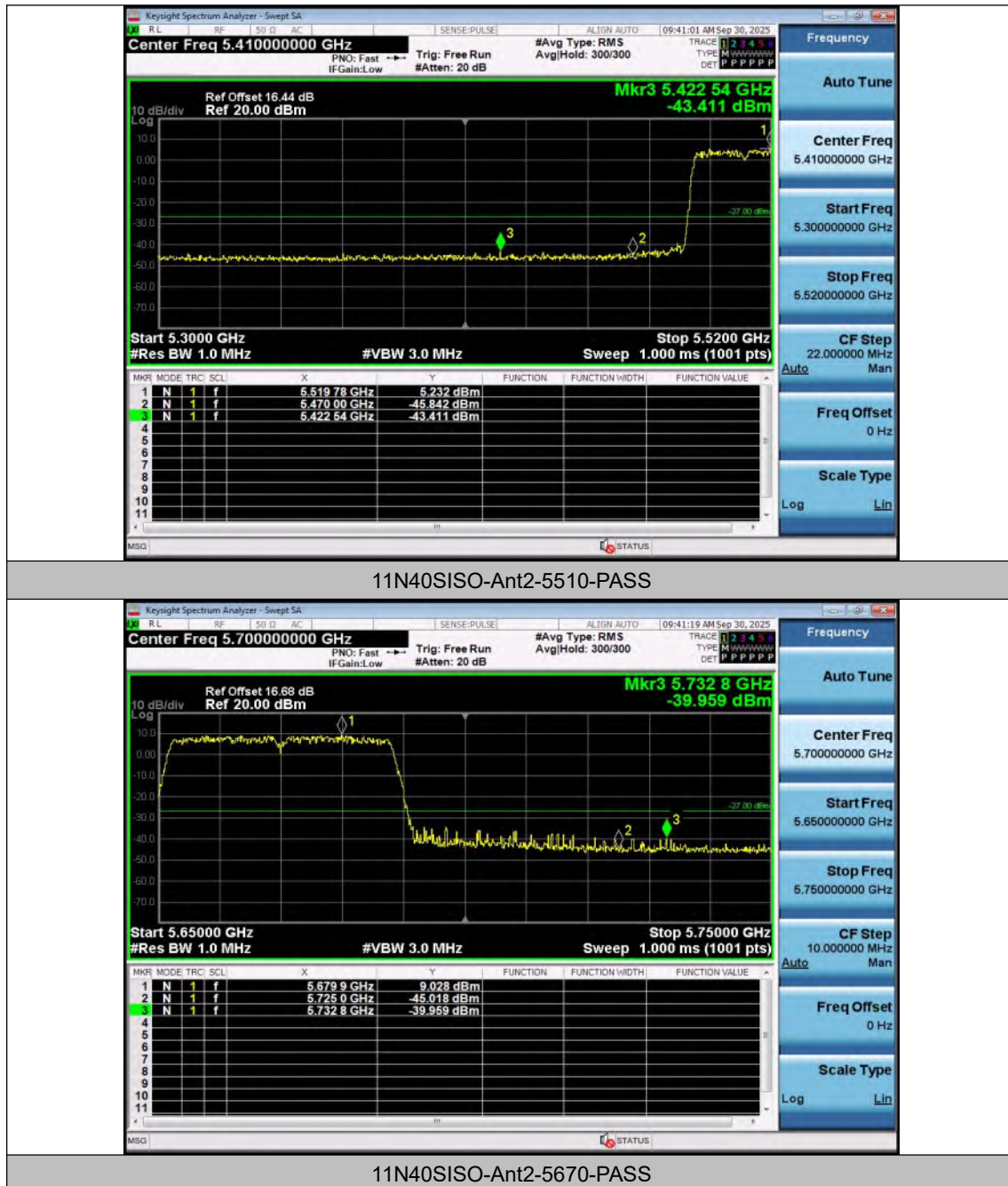
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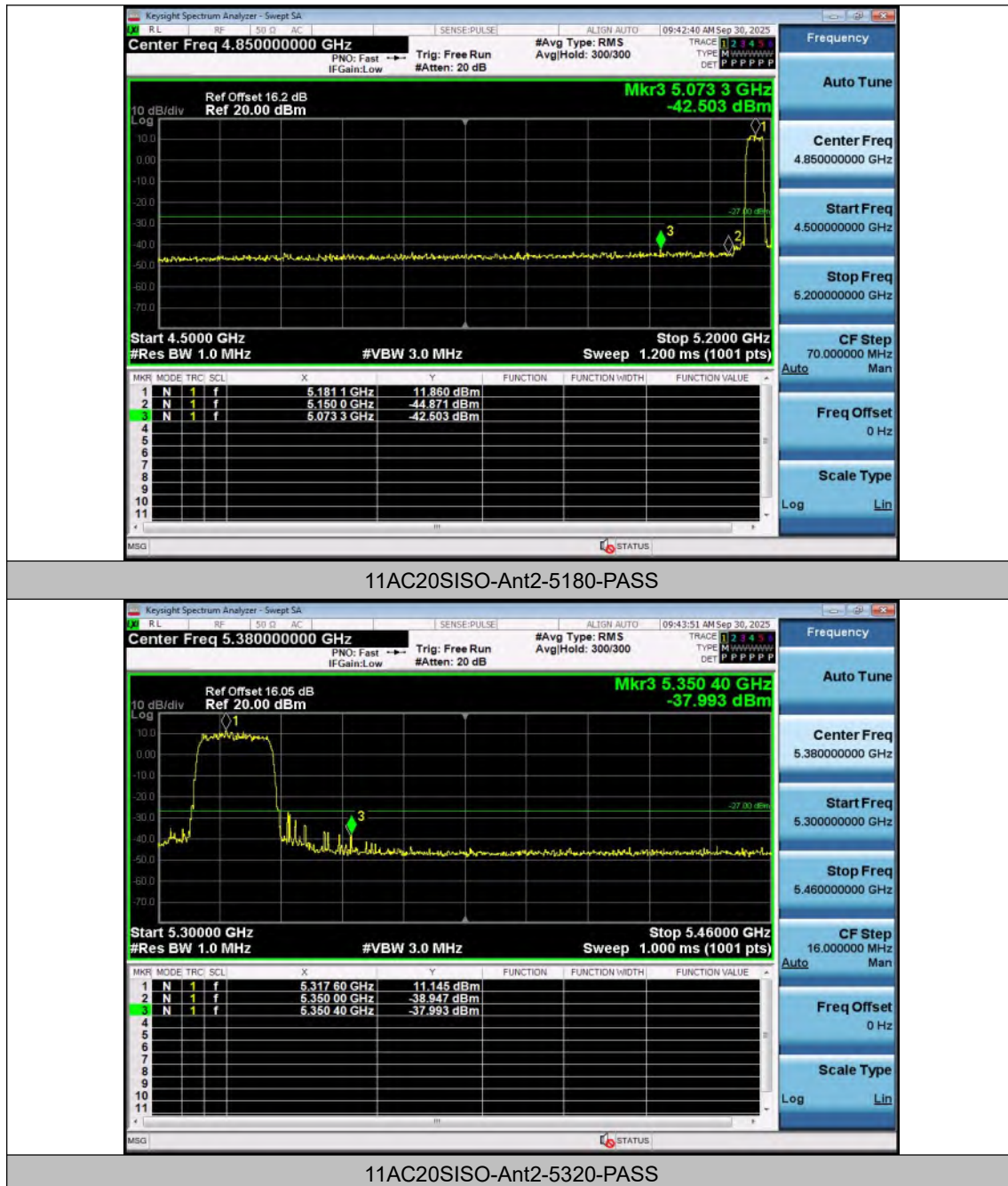




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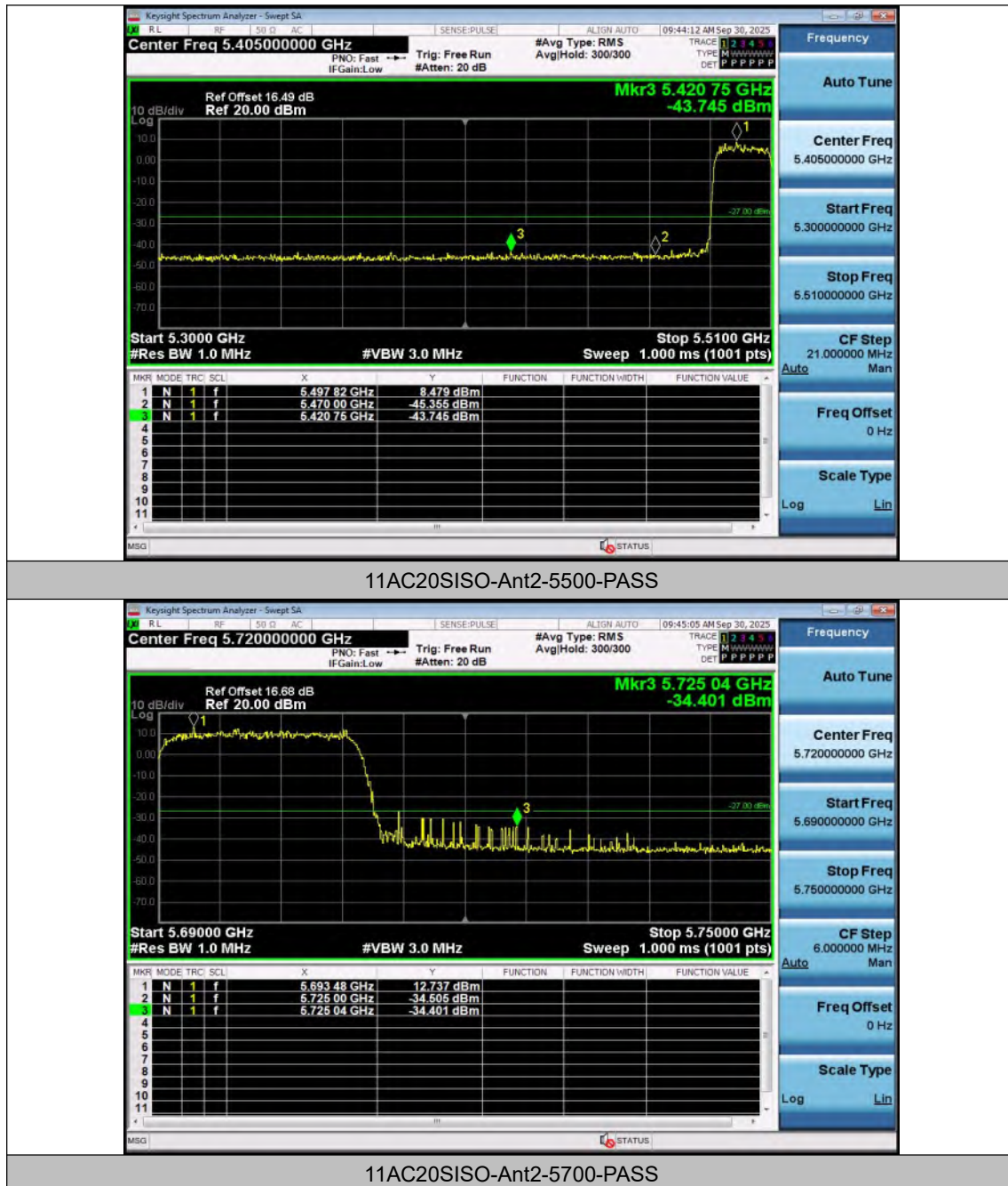




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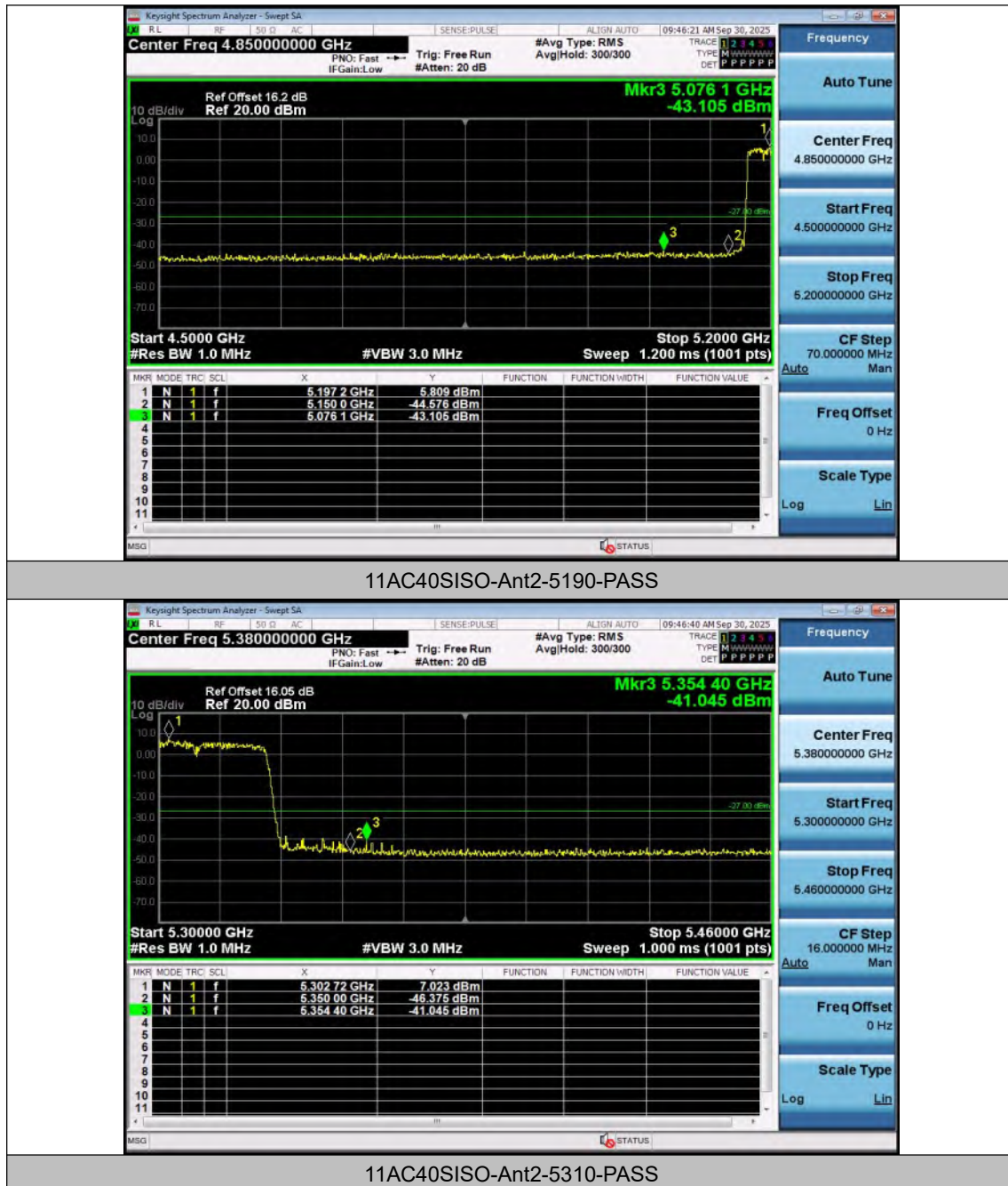




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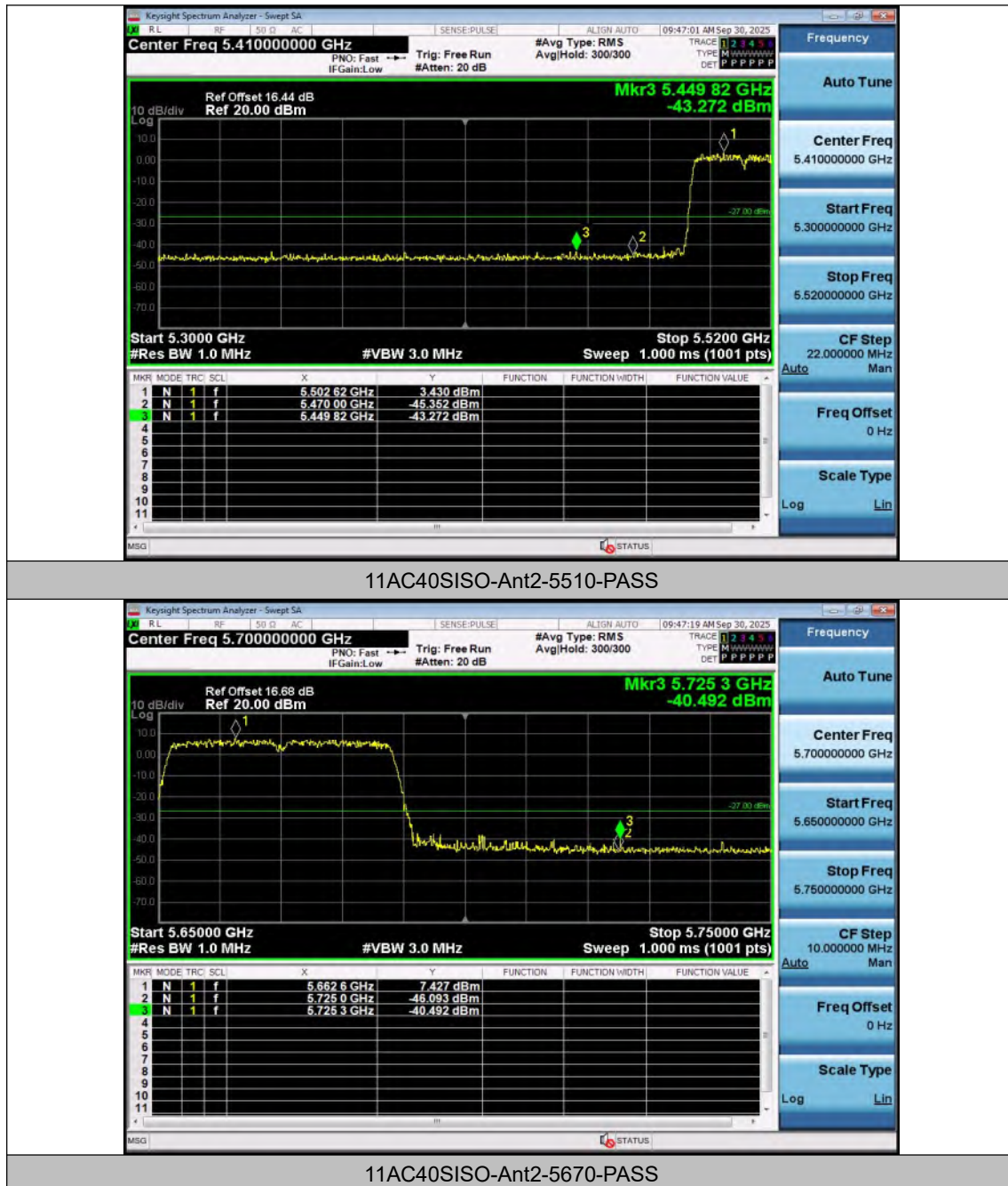
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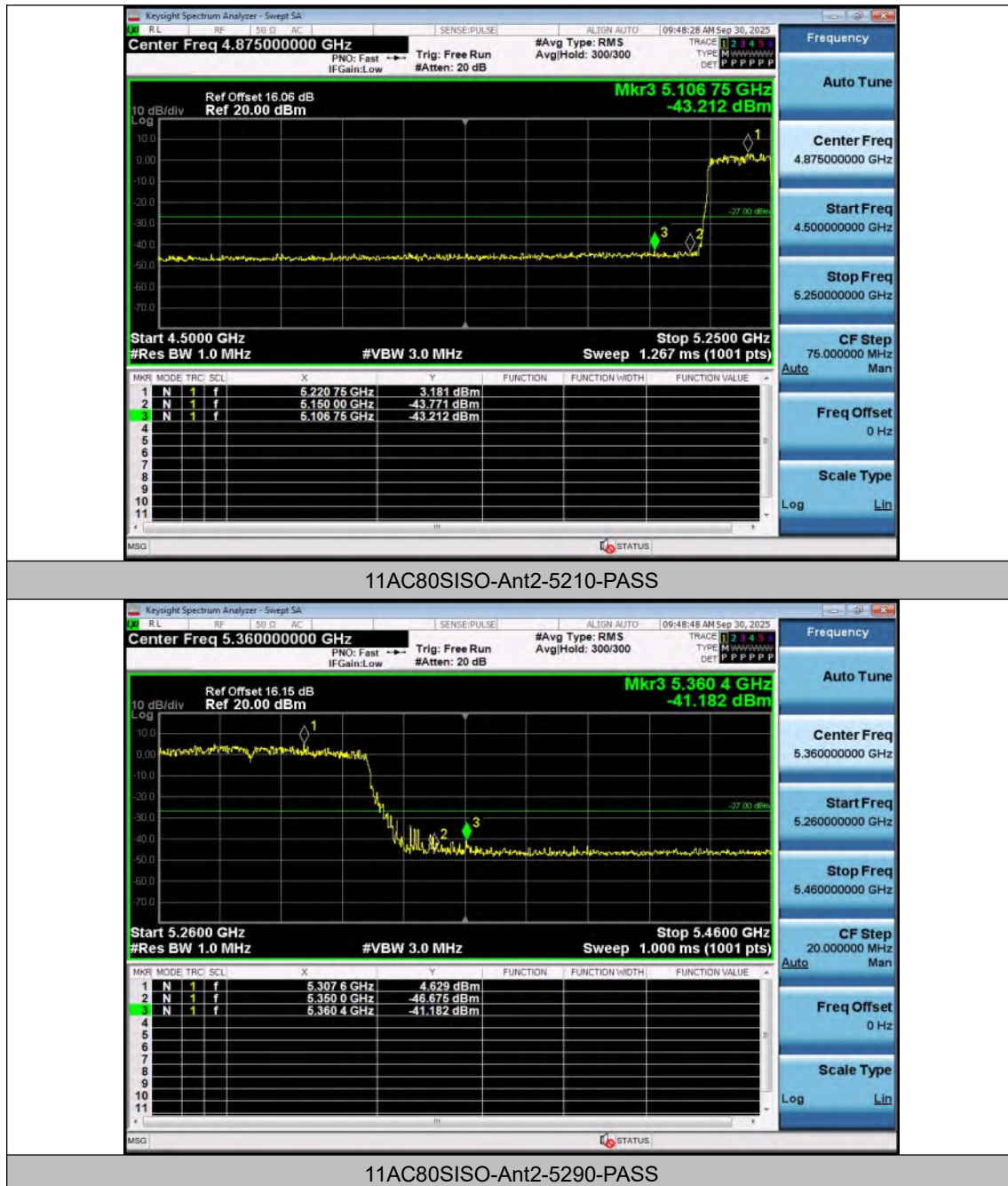




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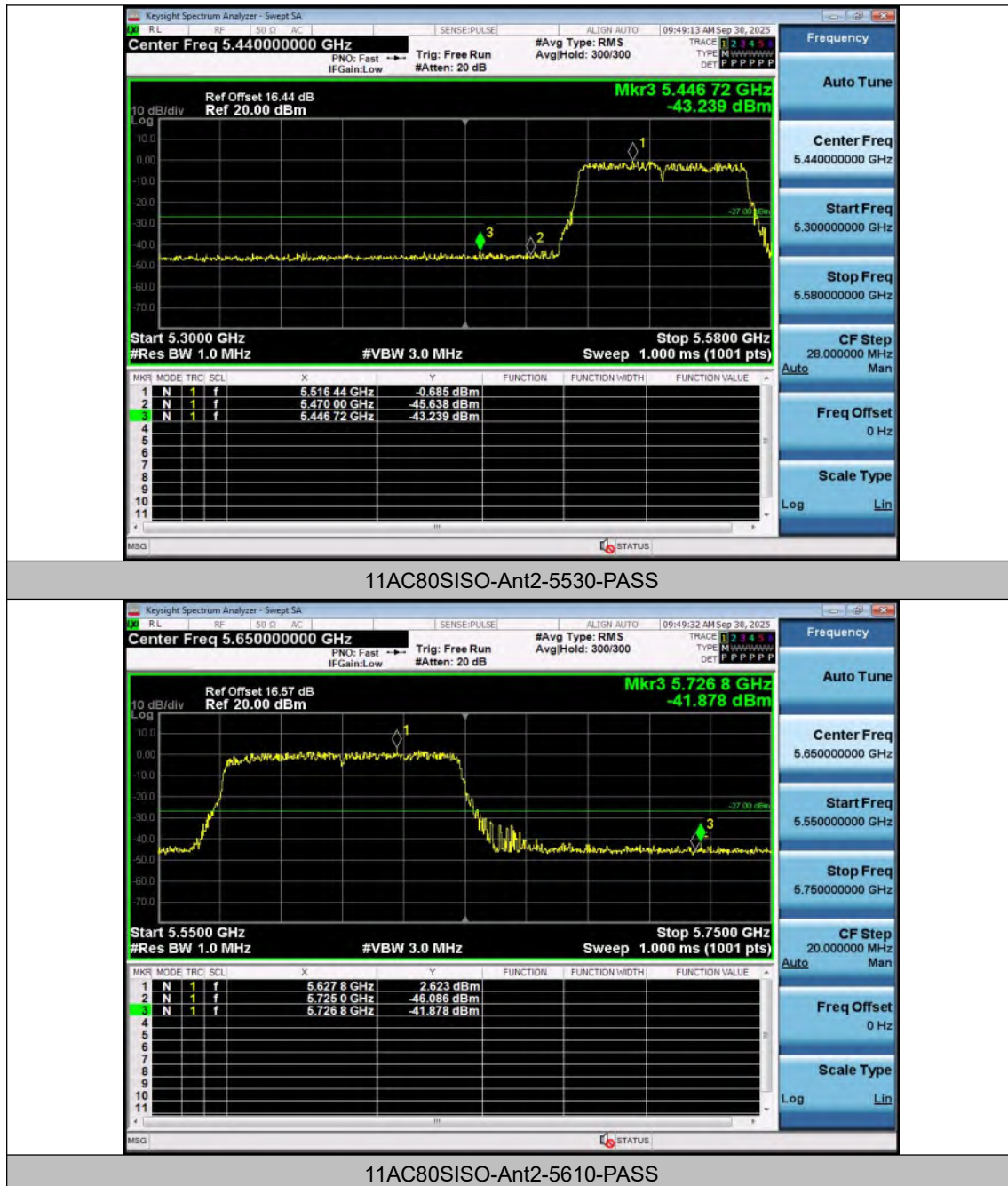
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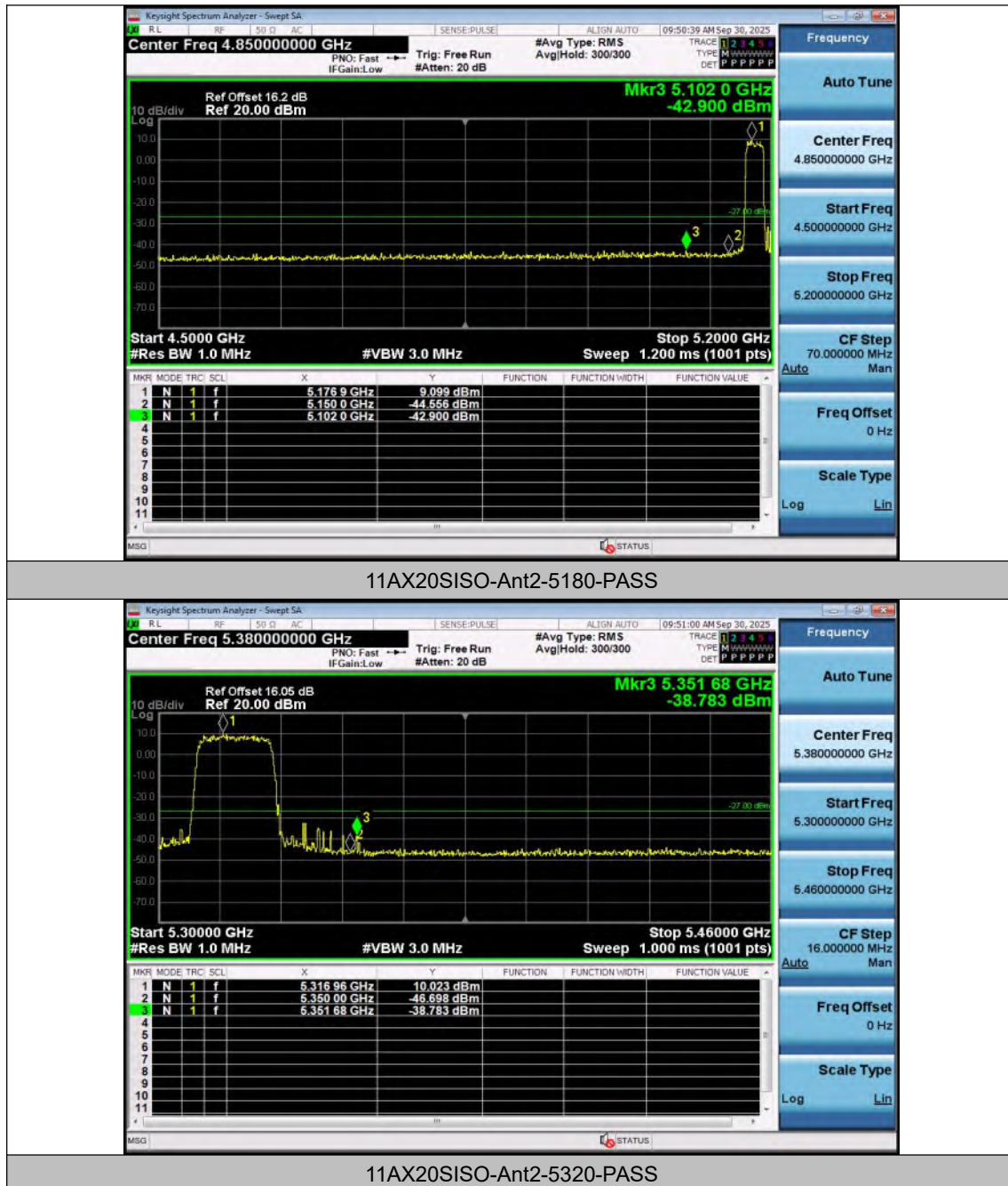




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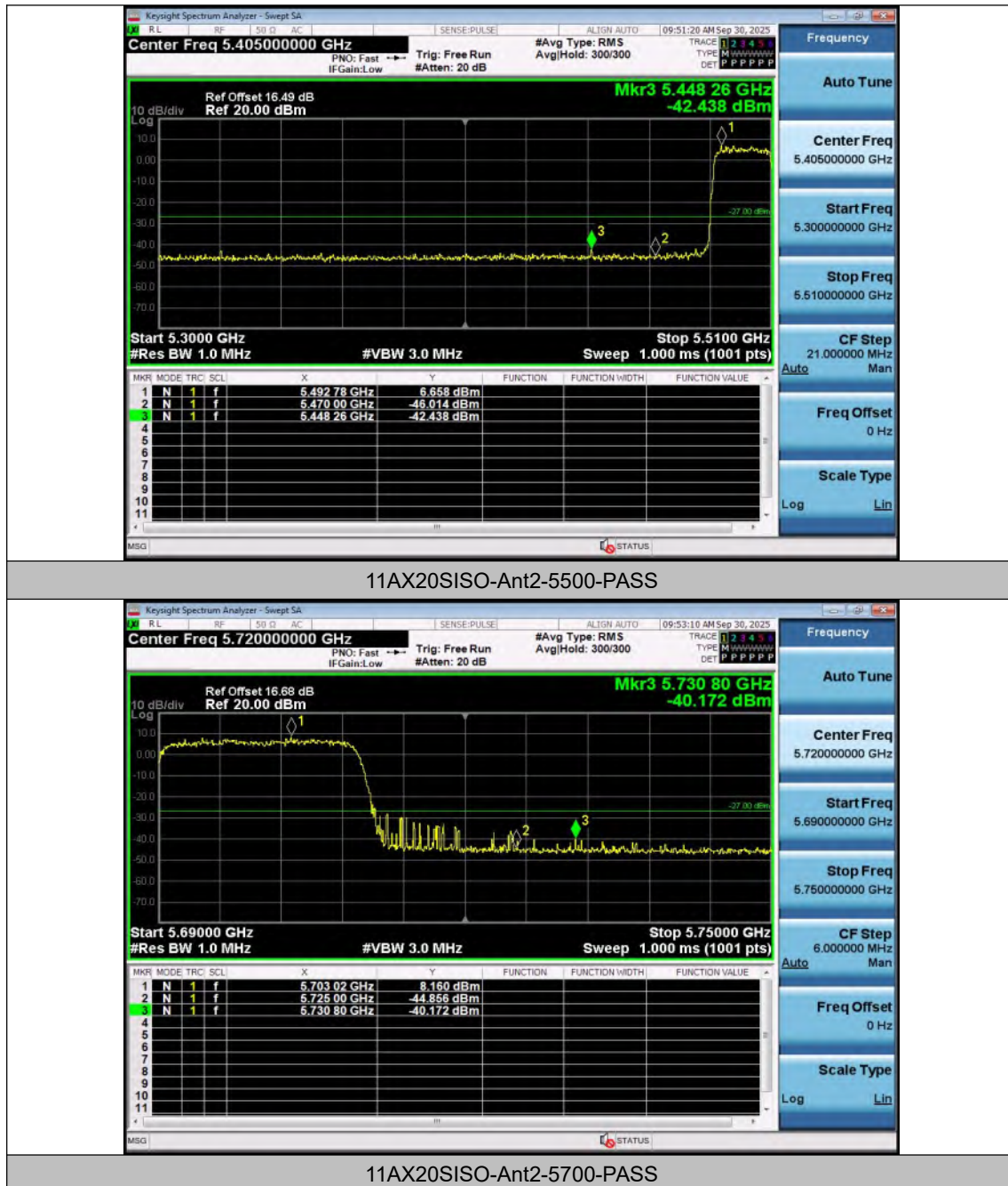
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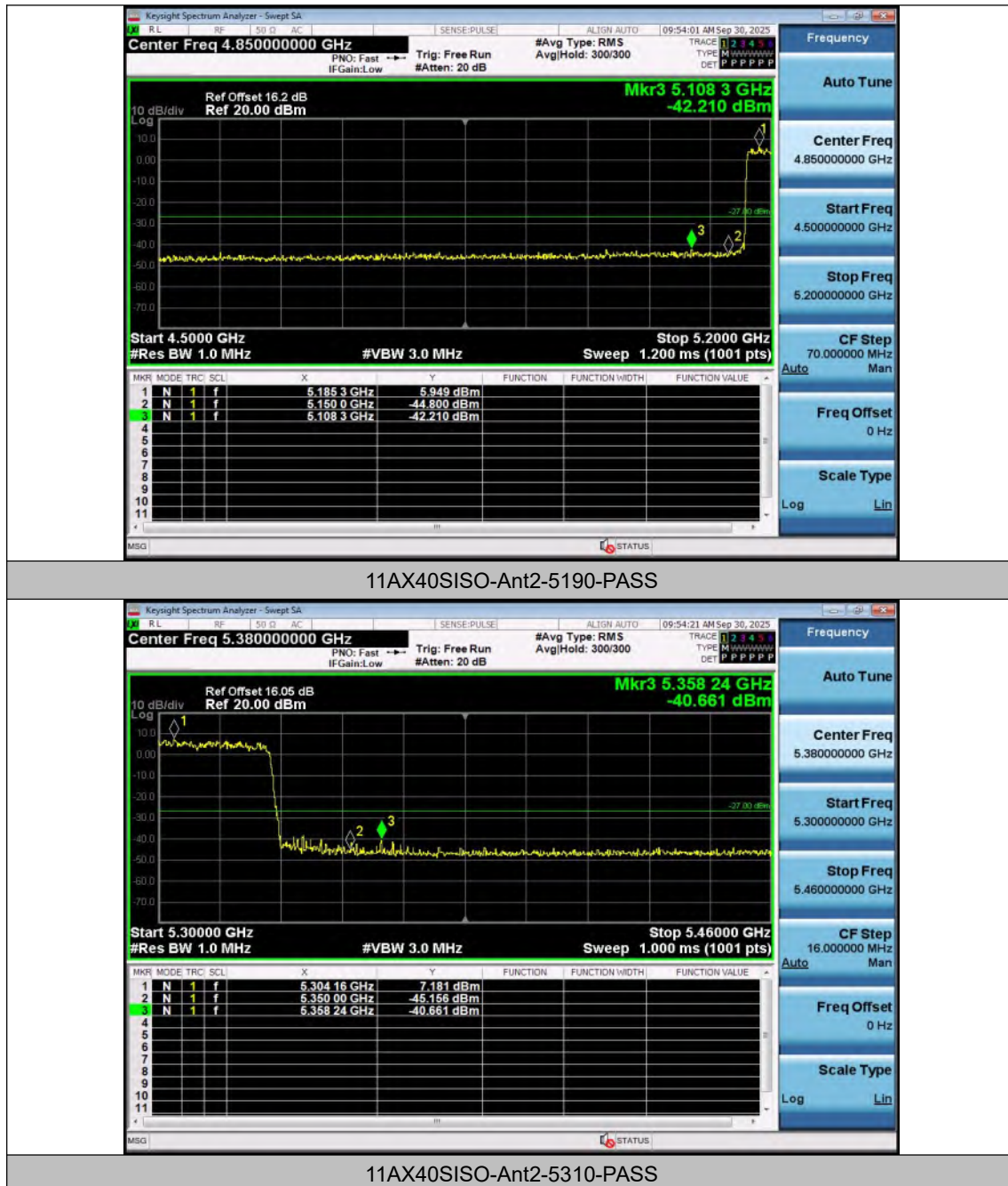
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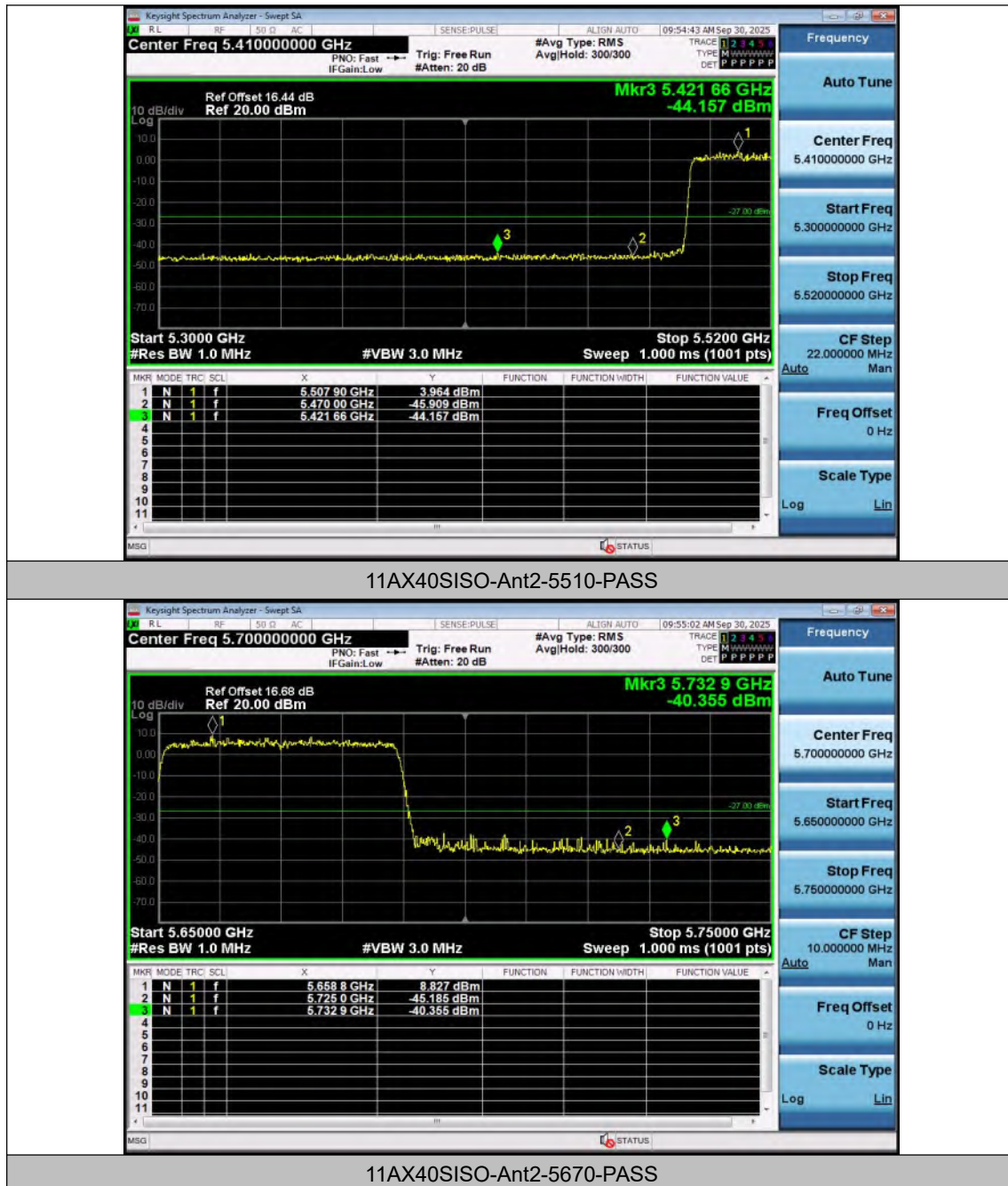
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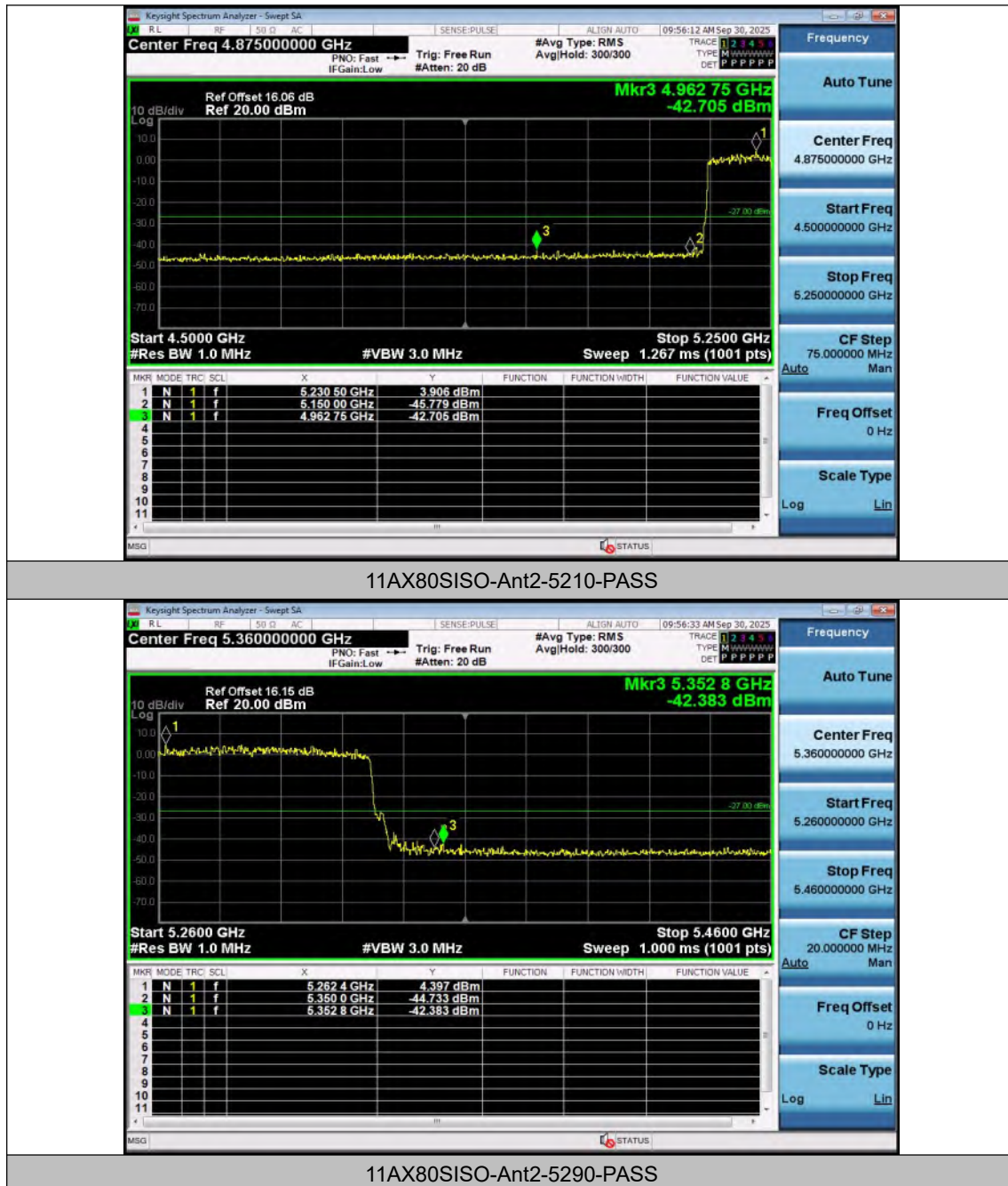
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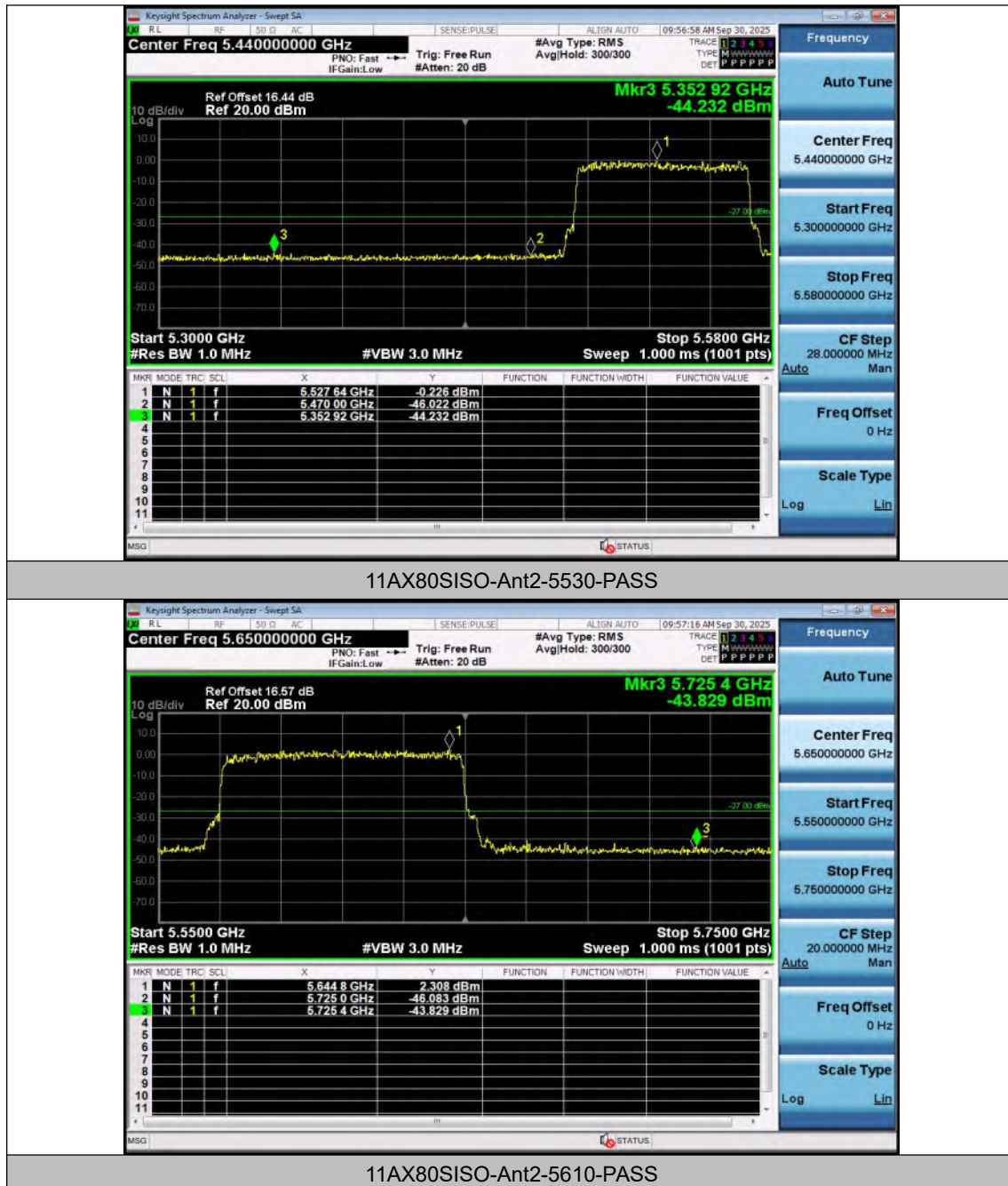




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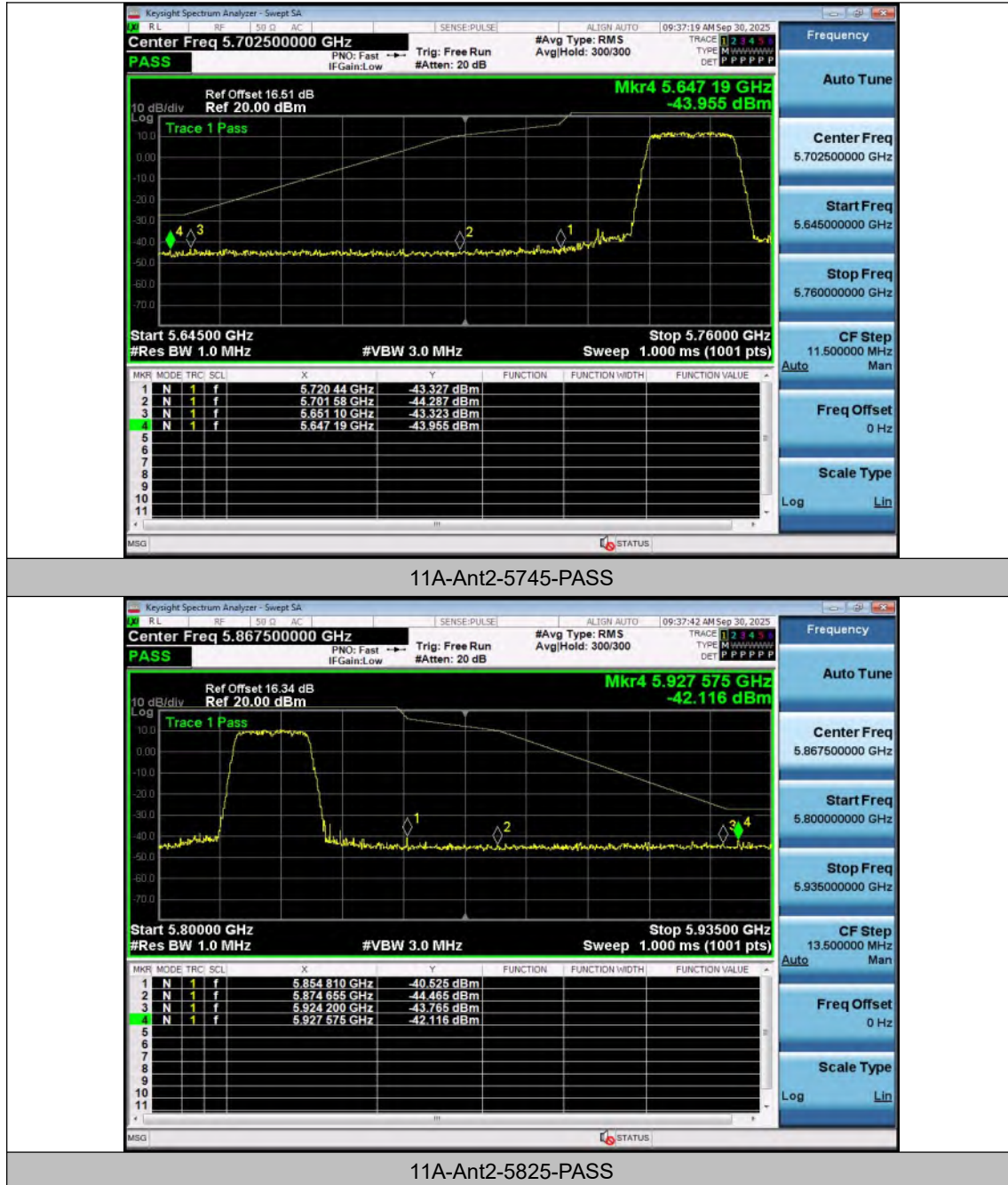


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Test Graphs B4

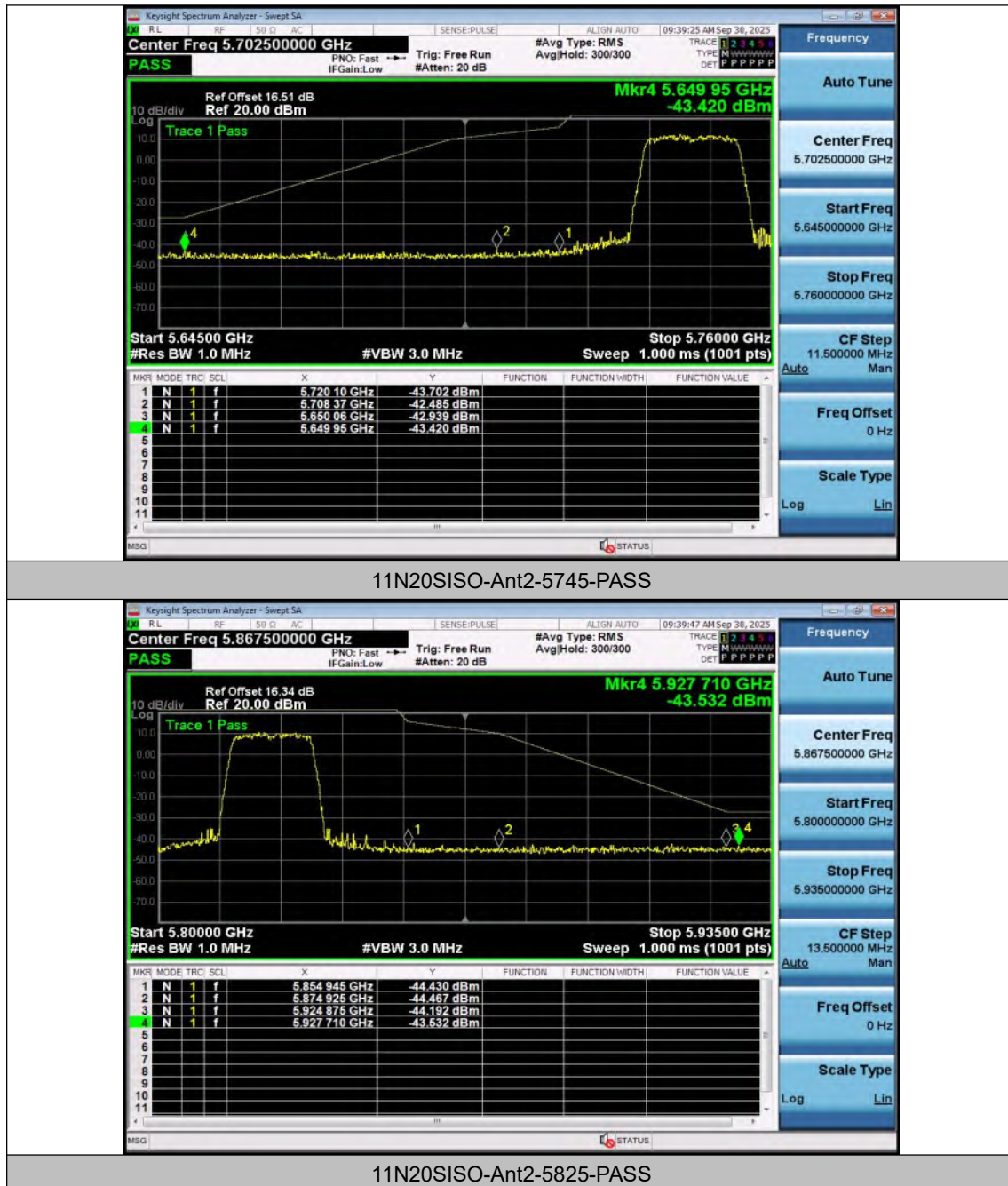




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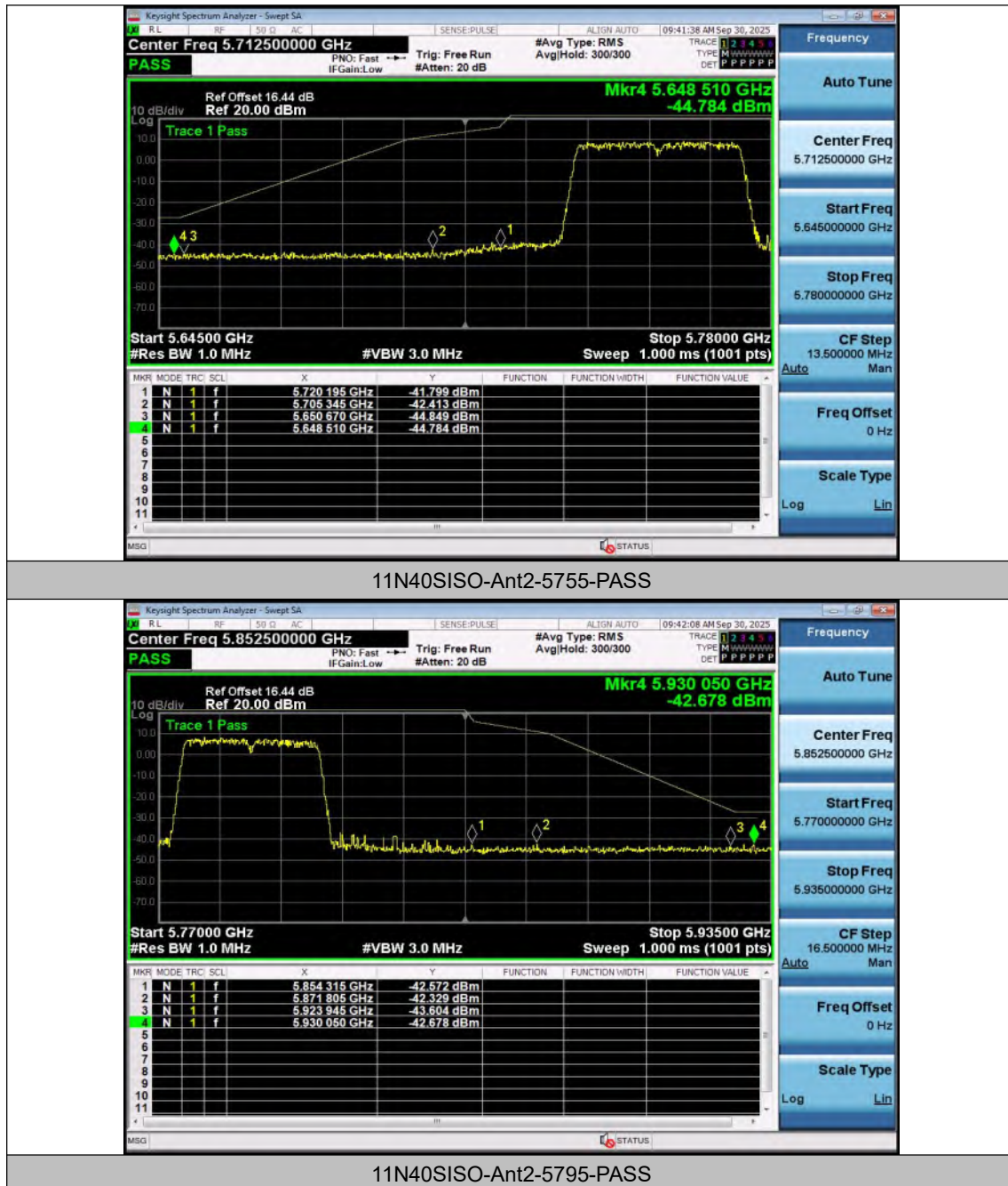




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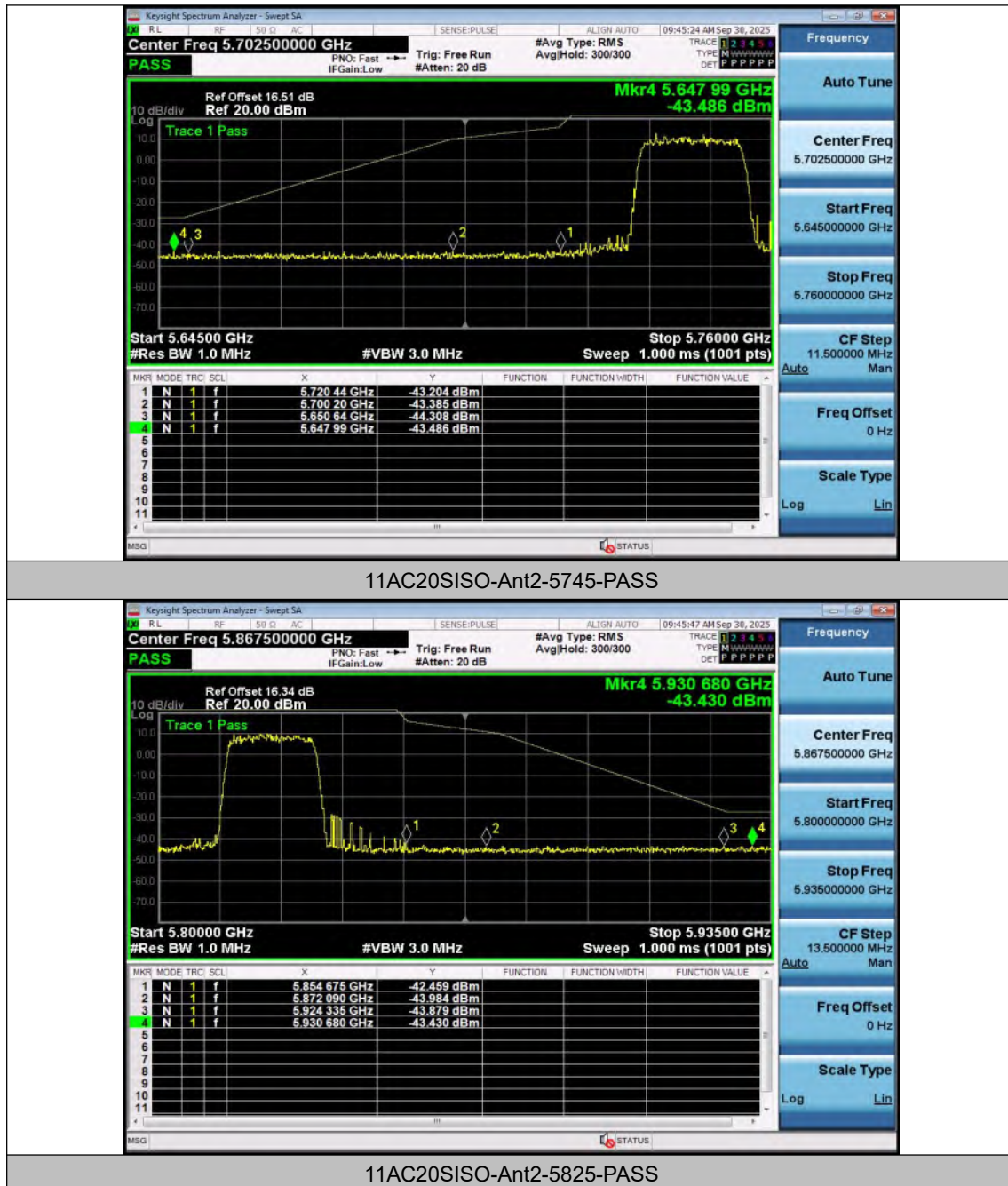




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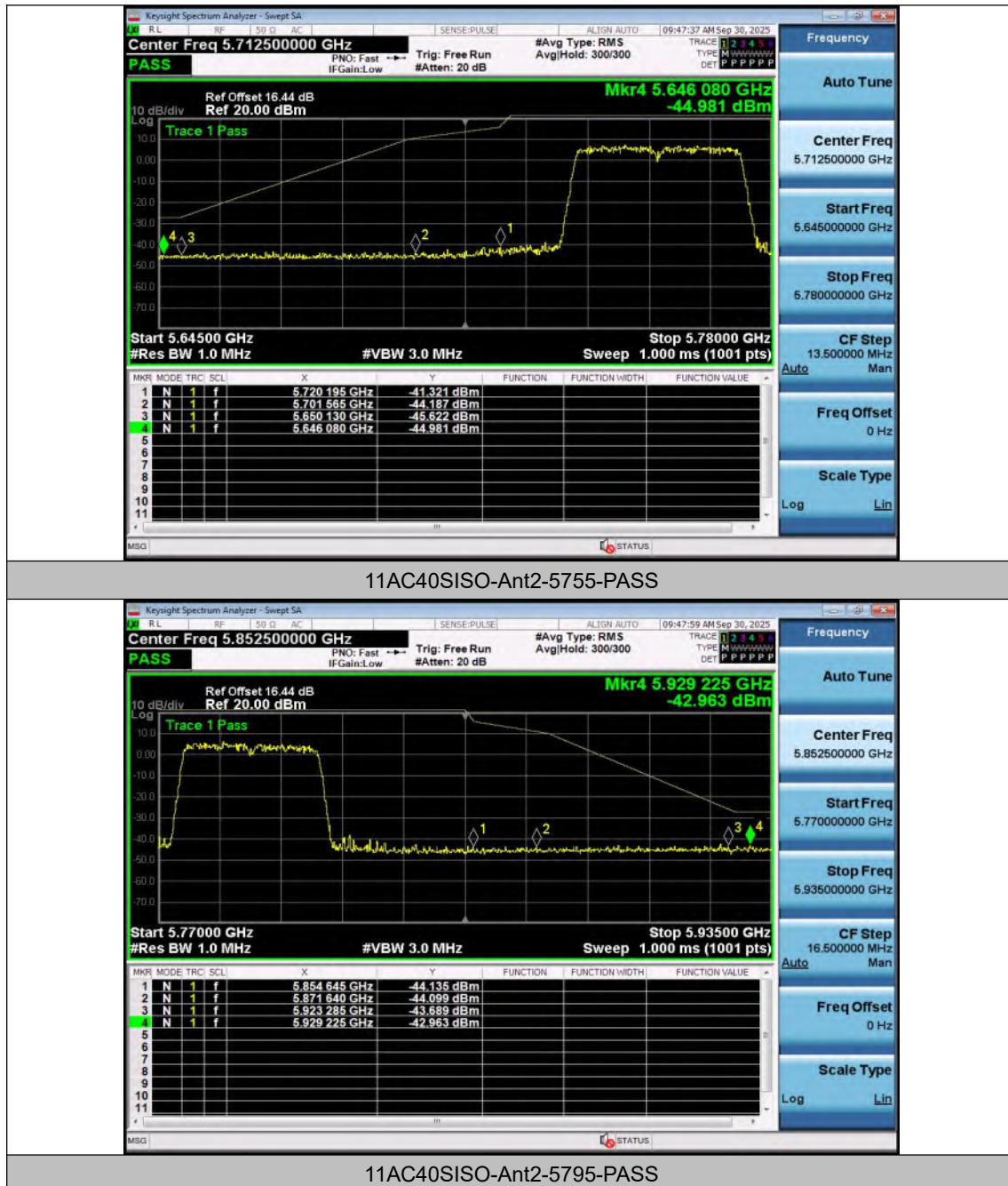
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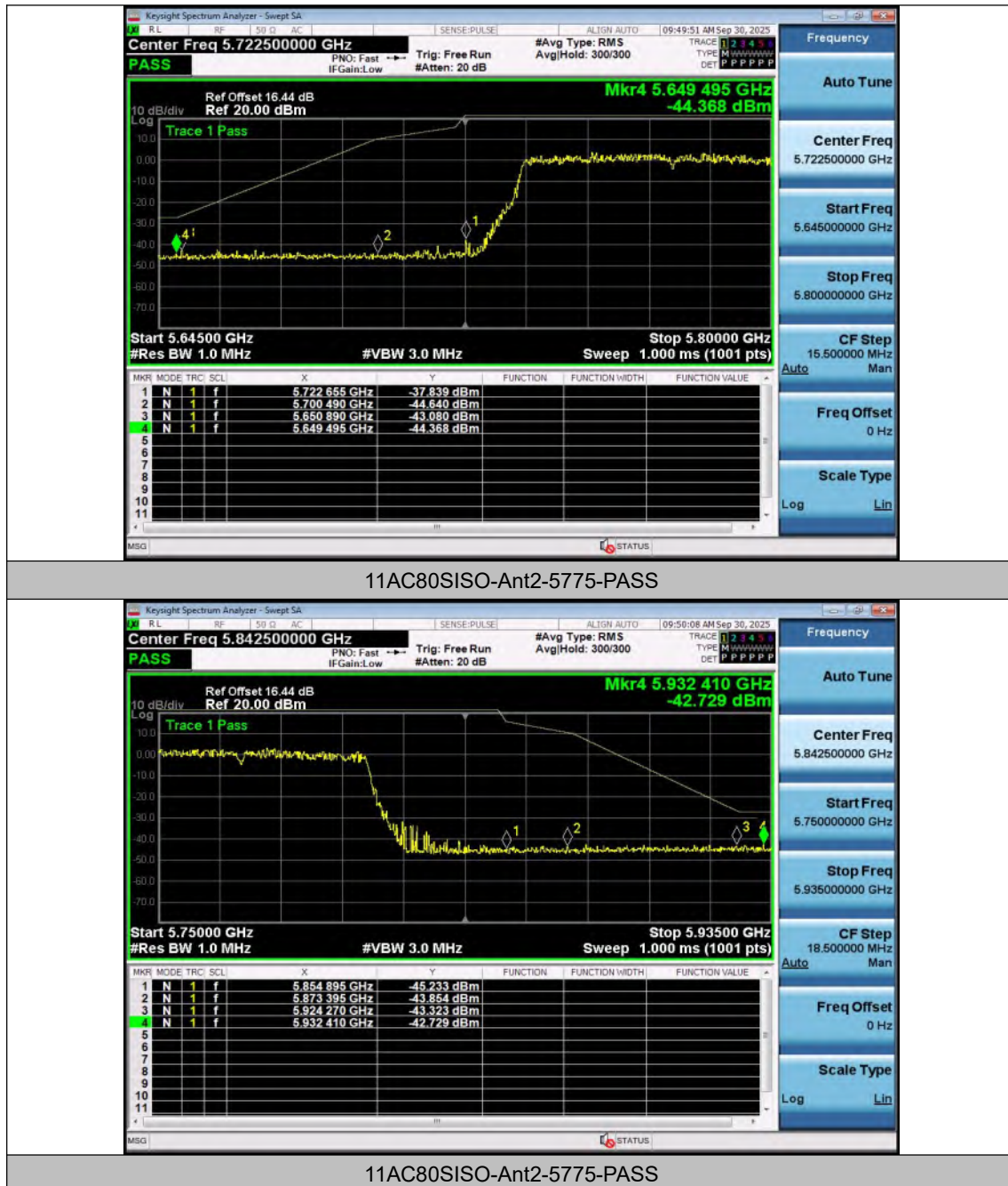




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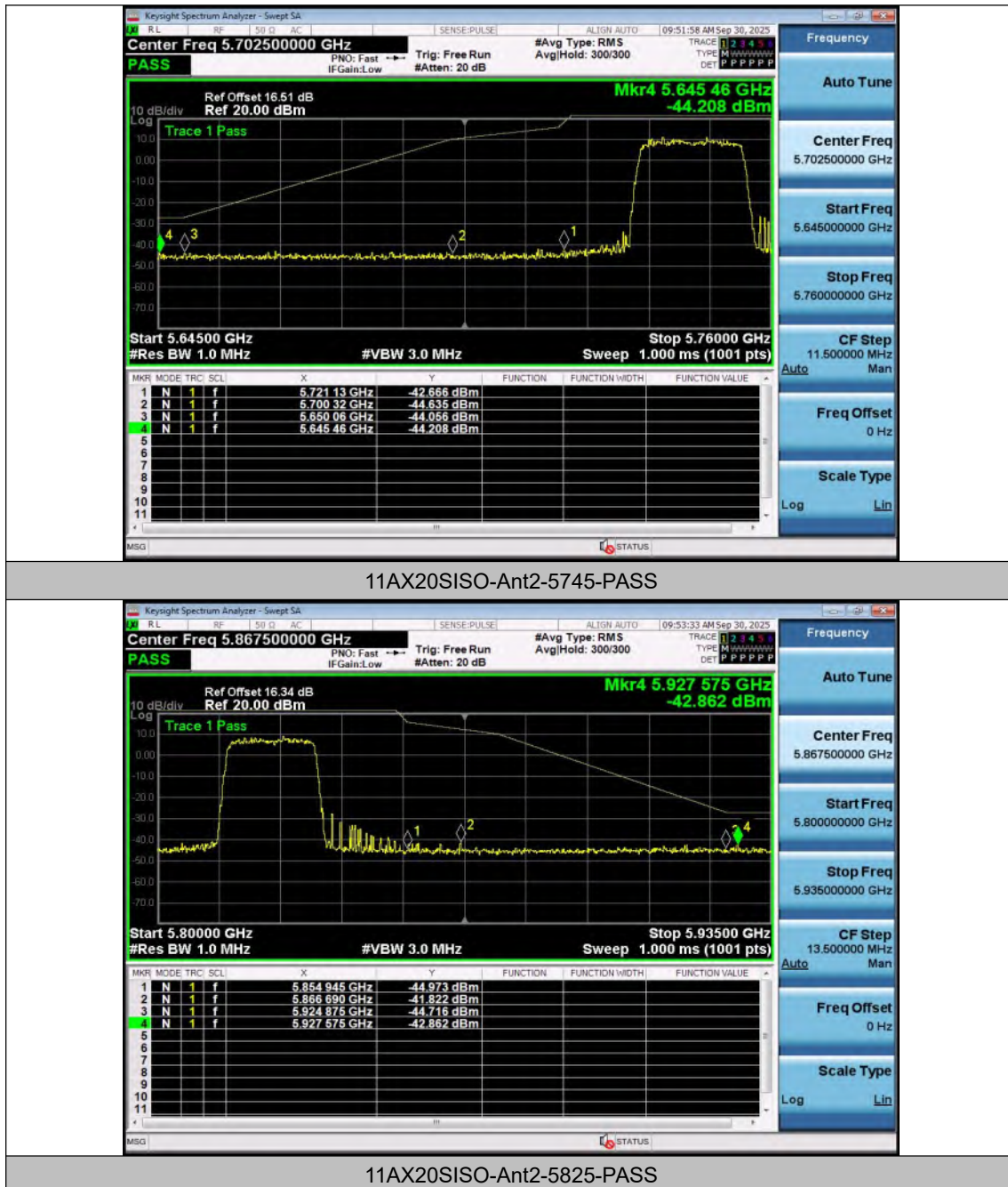




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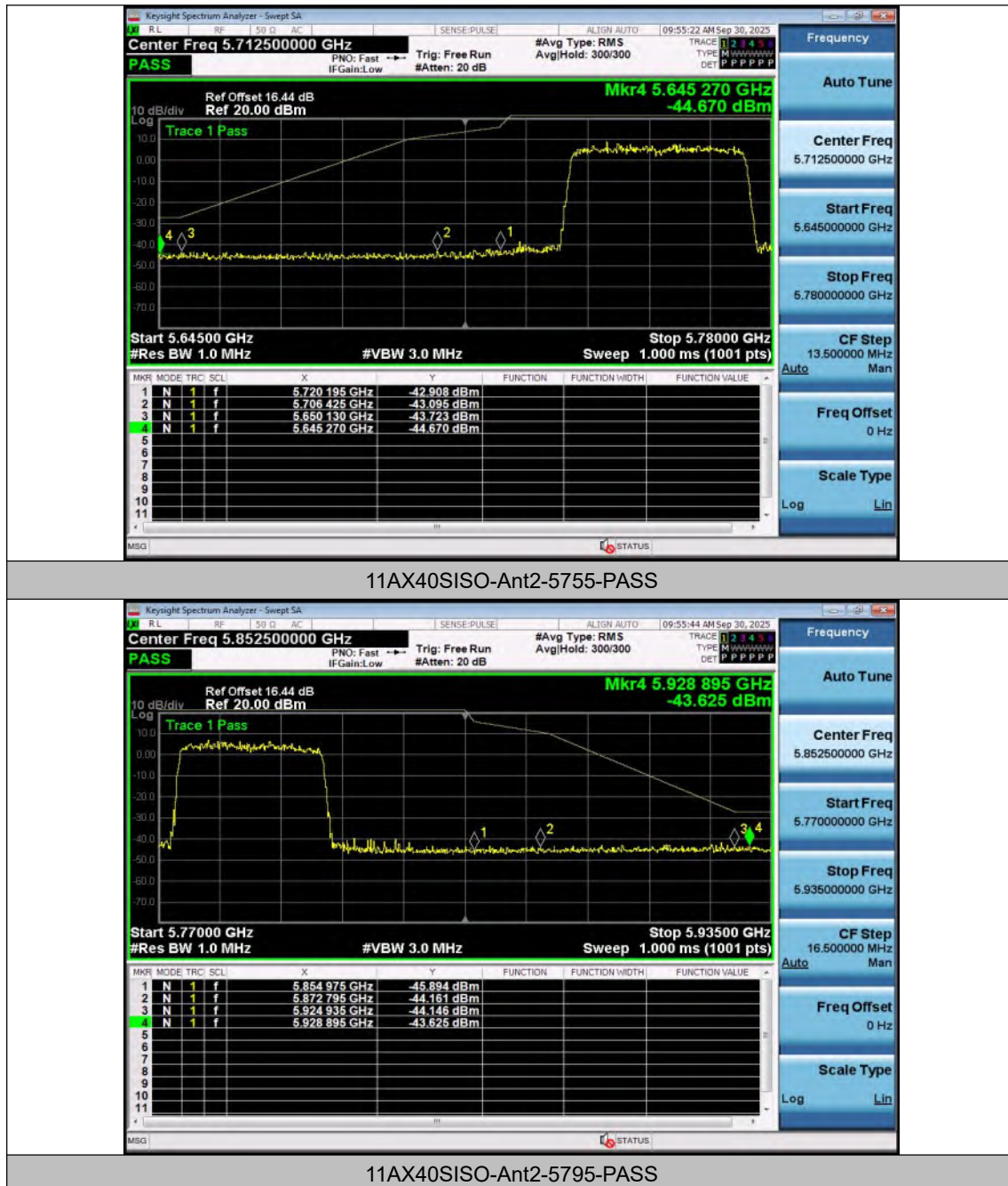
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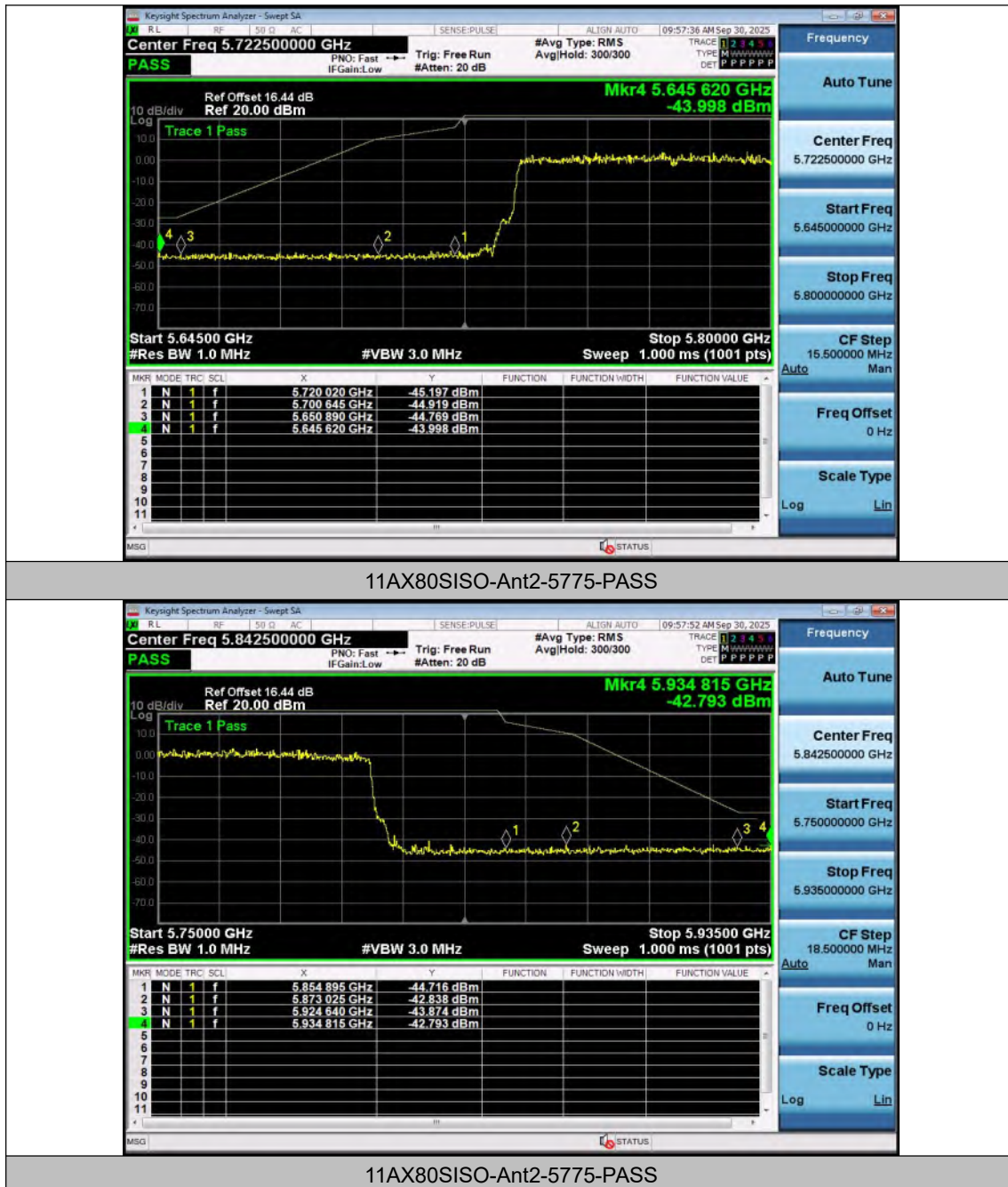




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Appendix F: Frequency Stability

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	172.43	0.03329	Within the band of operation	Pass
	-20	151.92	0.02933		
	-10	157.84	0.03047		
	0	142.68	0.02754		
	10	155.17	0.02996		
	20	139.85	0.02700		
	30	143.27	0.02766		
	40	160.57	0.03100		
	50	168.46	0.03252		
13.2	20	135.81	0.02622	Within the band of operation	Pass
10.8	20	144.05	0.02781		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	152.14	0.02892	Within the band of operation	Pass
	-20	143.87	0.02735		
	-10	162.31	0.03086		
	0	148.29	0.02819		
	10	137.46	0.02613		
	20	150.92	0.02869		
	30	144.35	0.02744		
	40	157.88	0.03002		
	50	156.42	0.02974		
13.2	20	139.25	0.02647	Within the band of operation	Pass
10.8	20	146.53	0.02786		



Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	153.76	0.02796	Within the band of operation	Pass
	-20	144.75	0.02632		
	-10	137.74	0.02504		
	0	156.30	0.02842		
	10	135.62	0.02466		
	20	141.29	0.02569		
	30	138.69	0.02522		
	40	146.71	0.02667		
	50	155.77	0.02832		
13.2	20	142.41	0.02589	Within the band of operation	Pass
10.8	20	146.43	0.02662		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	148.45	0.02584	Within the band of operation	Pass
	-20	135.32	0.02355		
	-10	141.18	0.02457		
	0	147.28	0.02564		
	10	153.14	0.02666		
	20	140.33	0.02443		
	30	137.51	0.02394		
	40	142.32	0.02477		
	50	148.16	0.02579		
13.2	20	145.05	0.02525	Within the band of operation	Pass
10.8	20	152.13	0.02648		



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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	142.23	0.02746	Within the band of operation	Pass
	-20	153.61	0.02965		
	-10	133.41	0.02575		
	0	137.27	0.02650		
	10	146.5	0.02828		
	20	158.35	0.03057		
	30	155.28	0.02998		
	40	144.64	0.02792		
	50	157.11	0.03033		
13.2	20	140.36	0.02710	Within the band of operation	Pass
10.8	20	149.17	0.02880		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	135.29	0.02572	Within the band of operation	Pass
	-20	131.45	0.02499		
	-10	146.42	0.02784		
	0	142.44	0.02708		
	10	161.75	0.03075		
	20	154.79	0.02943		
	30	158.73	0.03018		
	40	146.32	0.02782		
	50	143.31	0.02725		
13.2	20	150.37	0.02859	Within the band of operation	Pass
10.8	20	154.78	0.02943		



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Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	134.27	0.02441	Within the band of operation	Pass
	-20	152.33	0.02770		
	-10	144.16	0.02621		
	0	152.41	0.02771		
	10	138.51	0.02518		
	20	147.46	0.02681		
	30	145.37	0.02643		
	40	155.56	0.02828		
	50	153.74	0.02795		
13.2	20	146.85	0.02670	Within the band of operation	Pass
10.8	20	152.71	0.02777		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
12.0	-30	145.02	0.02524	Within the band of operation	Pass
	-20	138.45	0.02410		
	-10	132.51	0.02307		
	0	141.61	0.02465		
	10	133.10	0.02317		
	20	146.09	0.02543		
	30	152.08	0.02647		
	40	158.14	0.02753		
	50	149.13	0.02596		
13.2	20	153.42	0.02670	Within the band of operation	Pass
10.8	20	154.36	0.02687		