



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS



11AC80SISO-Ant1-5775-PASS

Ant 2

Test Result B1/2/3

Test Mode	Antenna	Ch Name	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-46.84	≤-27	PASS
11A	Ant2	High	5320	-47.98	≤-27	PASS
11A	Ant2	Low	5500	-47.72	≤-27	PASS
11A	Ant2	High	5700	-45.5	≤-27	PASS
11N20SISO	Ant2	Low	5180	-47.2	≤-27	PASS
11N20SISO	Ant2	High	5320	-48.8	≤-27	PASS
11N20SISO	Ant2	Low	5500	-47.93	≤-27	PASS
11N20SISO	Ant2	High	5700	-44.37	≤-27	PASS
11N40SISO	Ant2	Low	5190	-46.53	≤-27	PASS
11N40SISO	Ant2	High	5310	-46.43	≤-27	PASS
11N40SISO	Ant2	Low	5510	-47.19	≤-27	PASS
11N40SISO	Ant2	High	5670	-45.19	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-47.01	≤-27	PASS
11AC20SISO	Ant2	High	5320	-47.67	≤-27	PASS
11AC20SISO	Ant2	Low	5500	-47.49	≤-27	PASS
11AC20SISO	Ant2	High	5700	-43.31	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-46.98	≤-27	PASS
11AC40SISO	Ant2	High	5310	-47.47	≤-27	PASS
11AC40SISO	Ant2	Low	5510	-46.49	≤-27	PASS
11AC40SISO	Ant2	High	5670	-45.26	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-44	≤-27	PASS
11AC80SISO	Ant2	High	5290	-45.75	≤-27	PASS
11AC80SISO	Ant2	Low	5530	-43.62	≤-27	PASS
11AC80SISO	Ant2	High	5610	-47.94	≤-27	PASS

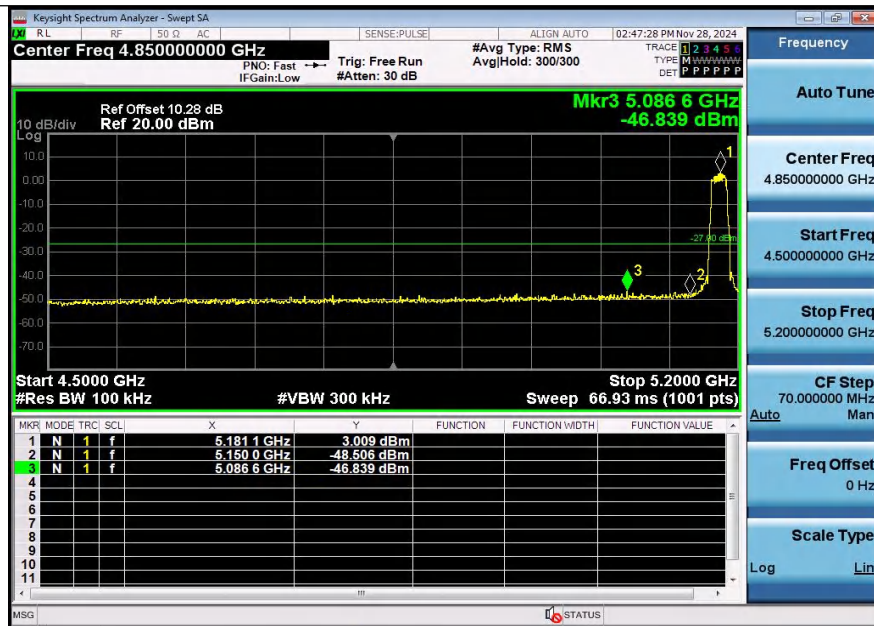
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5745	5720~5725	-42.63	≤17.91	PASS
11A	Ant2	Low	5745	5700~5720	-42.85	≤14.89	PASS
11A	Ant2	Low	5745	5650~5700	-48.6	≤-26.27	PASS
11A	Ant2	Low	5745	5645~5650	-49.08	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-48.72	≤15.73	PASS
11A	Ant2	High	5825	5855~5875	-49.34	≤10.70	PASS
11A	Ant2	High	5825	5875~5925	-49.45	≤-26.91	PASS
11A	Ant2	High	5825	5925~5935	-47.2	≤-27	PASS
11N20SI	Ant2	Low	5745	5720~5725	-44.53	≤16.87	PASS

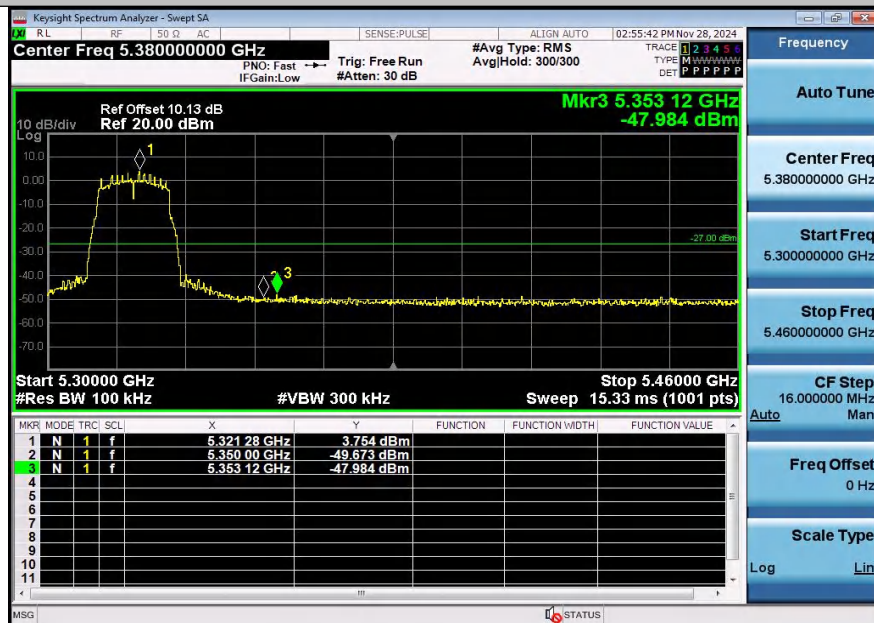
SO							
11N20SI SO	Ant2	Low	5745	5700~5720	-42.98	≤15.59	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-49.43	≤-26.79	PASS
11N20SI SO	Ant2	Low	5745	5645~5650	-48.43	≤-27	PASS
11N20SI SO	Ant2	High	5825	5850~5855	-47.02	≤16.34	PASS
11N20SI SO	Ant2	High	5825	5855~5875	-49.24	≤10.25	PASS
11N20SI SO	Ant2	High	5825	5875~5925	-49.23	≤-26.91	PASS
11N20SI SO	Ant2	High	5825	5925~5935	-47.95	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5720~5725	-39.09	≤17.89	PASS
11N40SI SO	Ant2	Low	5755	5700~5720	-42.55	≤11.76	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-48.19	≤-25.01	PASS
11N40SI SO	Ant2	Low	5755	5645~5650	-49.44	≤-27	PASS
11N40SI SO	Ant2	High	5795	5850~5855	-47.96	≤16.03	PASS
11N40SI SO	Ant2	High	5795	5855~5875	-48.17	≤10.34	PASS
11N40SI SO	Ant2	High	5795	5875~5925	-49.19	≤-26.71	PASS
11N40SI SO	Ant2	High	5795	5925~5935	-47.73	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5720~5725	-43.15	≤16.87	PASS
11AC20S ISO	Ant2	Low	5745	5700~5720	-42.96	≤15.53	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-49.48	≤-26.62	PASS
11AC20S ISO	Ant2	Low	5745	5645~5650	-48.56	≤-27	PASS
11AC20S ISO	Ant2	High	5825	5850~5855	-45.86	≤17.88	PASS
11AC20S ISO	Ant2	High	5825	5855~5875	-49.38	≤10.06	PASS

11AC20S ISO	Ant2	High	5825	5875~5925	-48.48	≤-26.61	PASS
11AC20S ISO	Ant2	High	5825	5925~5935	-48.11	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5720~5725	-41.33	≤15.74	PASS
11AC40S ISO	Ant2	Low	5755	5700~5720	-36.31	≤15.50	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-49.53	≤-26.50	PASS
11AC40S ISO	Ant2	Low	5755	5645~5650	-49.8	≤-27	PASS
11AC40S ISO	Ant2	High	5795	5850~5855	-49.57	≤15.66	PASS
11AC40S ISO	Ant2	High	5795	5855~5875	-48.65	≤10.76	PASS
11AC40S ISO	Ant2	High	5795	5875~5925	-49.35	≤-26.83	PASS
11AC40S ISO	Ant2	High	5795	5925~5935	-48.03	≤-27	PASS
11AC80S ISO	Ant2	Low	5775	5720~5725	-39.42	≤18.47	PASS
11AC80S ISO	Ant2	Low	5775	5700~5720	-41.3	≤12.09	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-48.61	≤-26.34	PASS
11AC80S ISO	Ant2	Low	5775	5645~5650	-48.68	≤-27	PASS
11AC80S ISO	Ant2	High	5775	5850~5855	-49.11	≤15.84	PASS
11AC80S ISO	Ant2	High	5775	5855~5875	-49.09	≤10.45	PASS
11AC80S ISO	Ant2	High	5775	5875~5925	-49.3	≤-26.60	PASS
11AC80S ISO	Ant2	High	5775	5925~5935	-48.58	≤-27	PASS

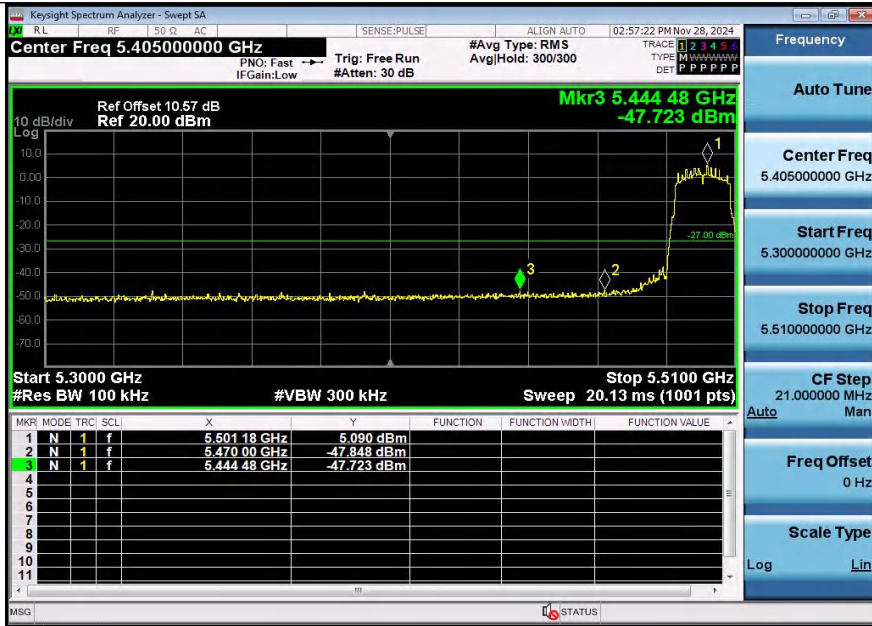
Test Graphs B1/2/3



11A-Ant2-5180-PASS



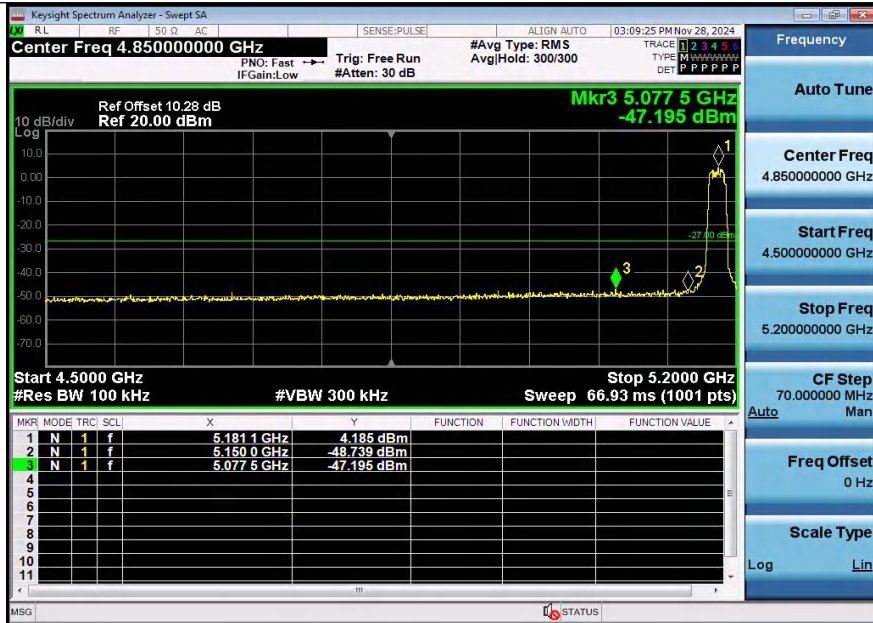
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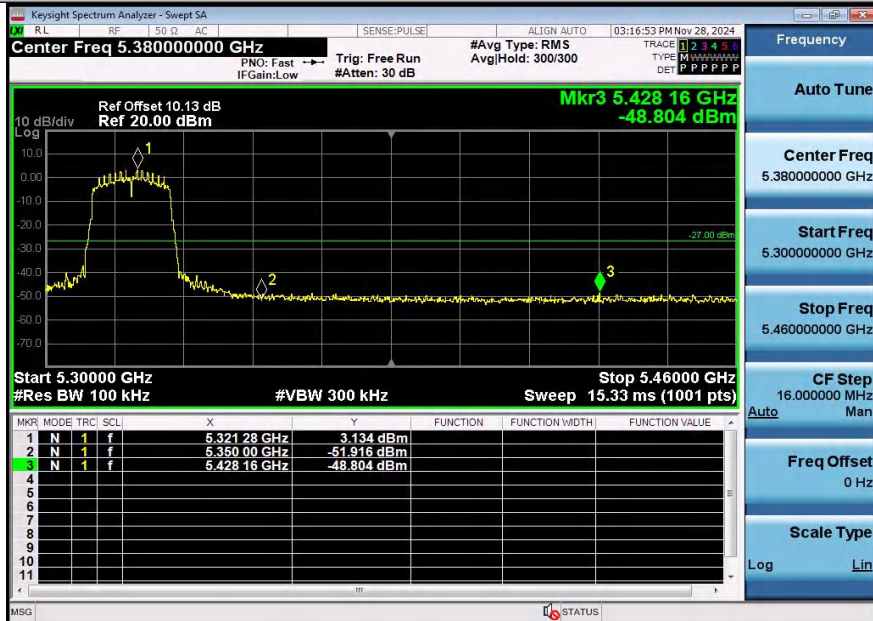
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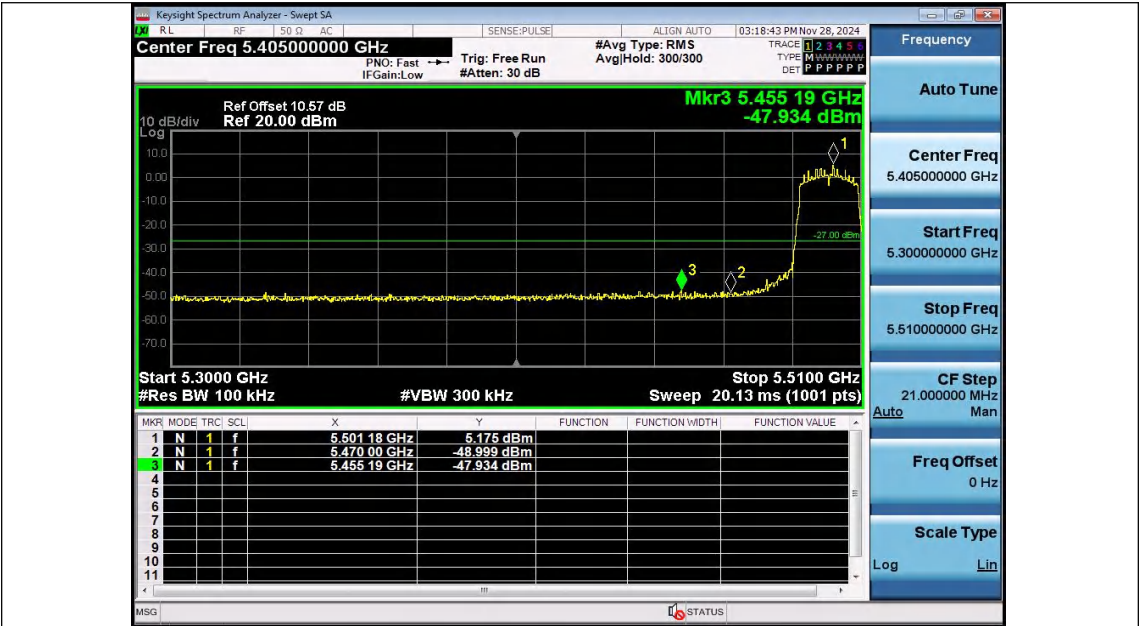
11A-Ant2-5700-PASS



11N20SISO-Ant2-5180-PASS



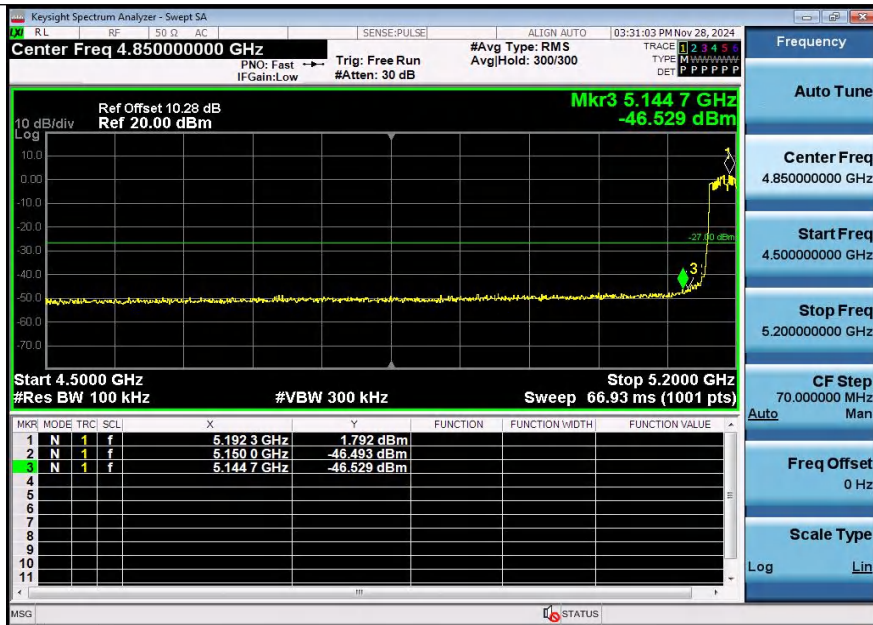
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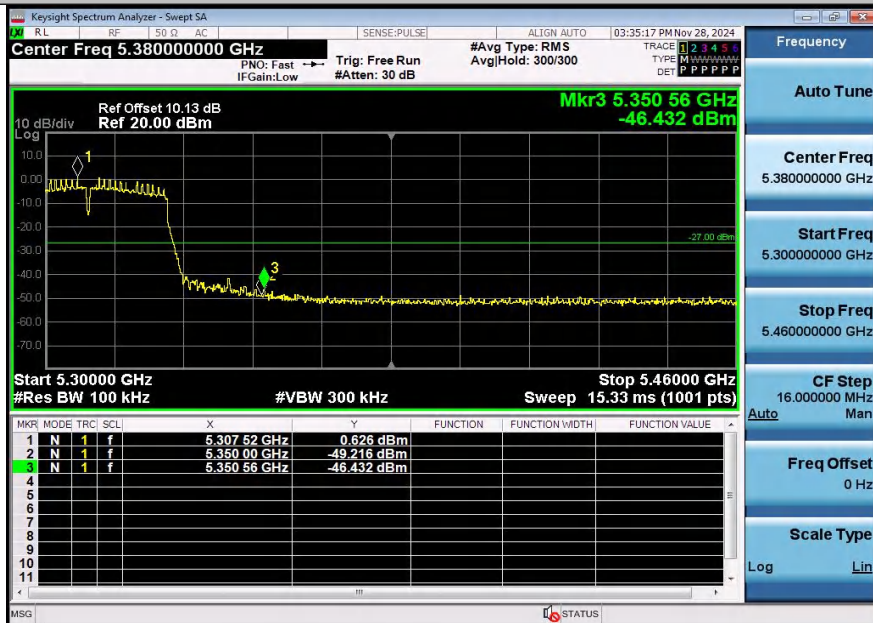
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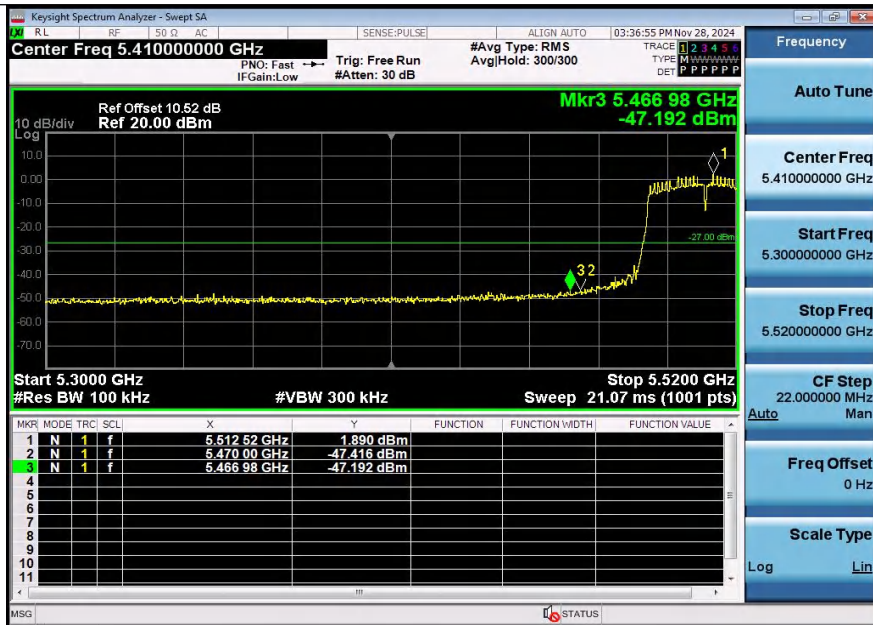
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11N40SISO-Ant2-5190-PASS



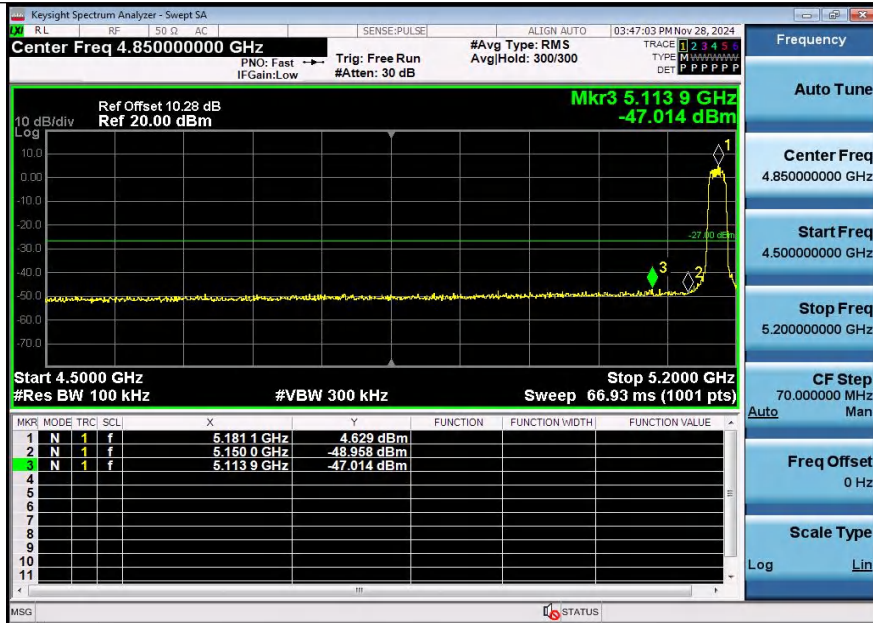
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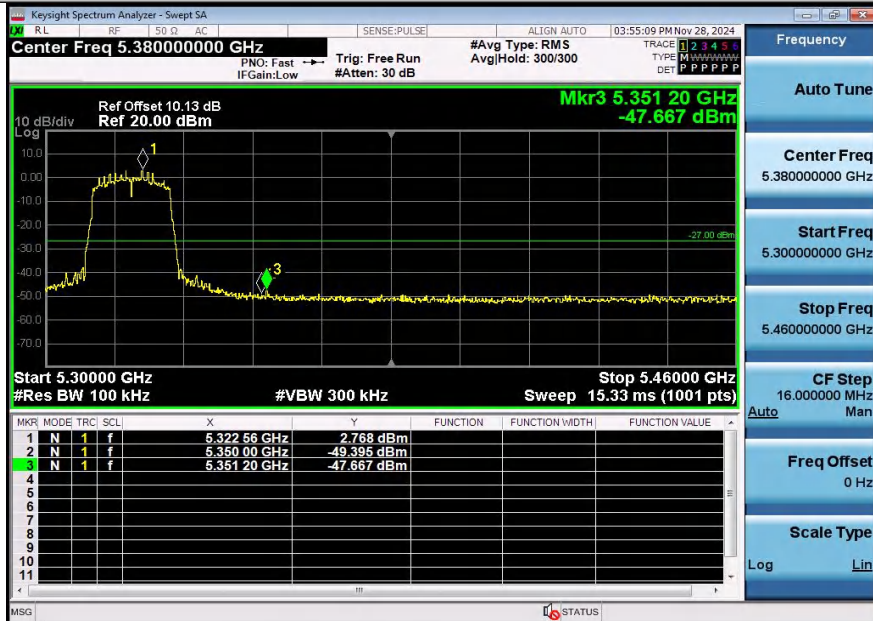
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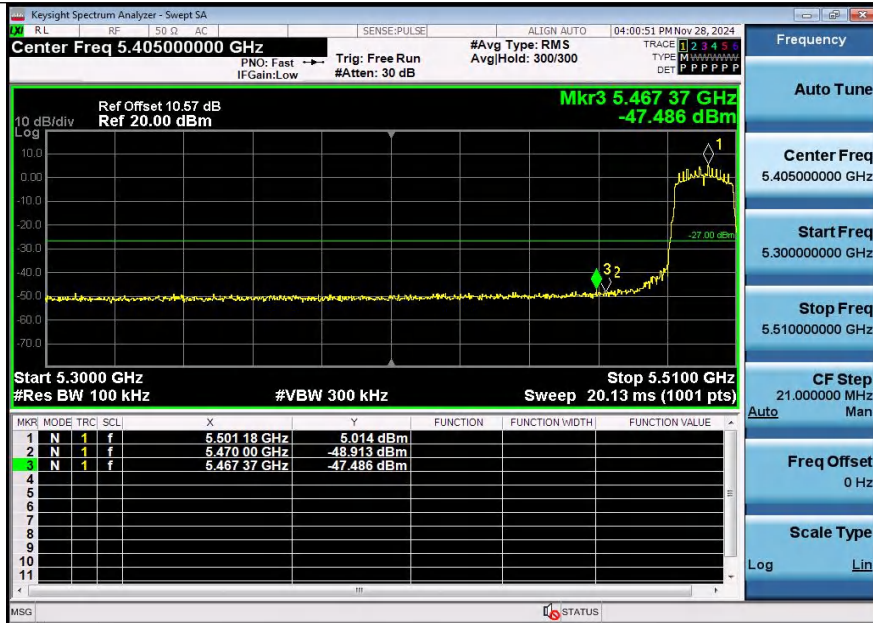
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11AC20SISO-Ant2-5180-PASS



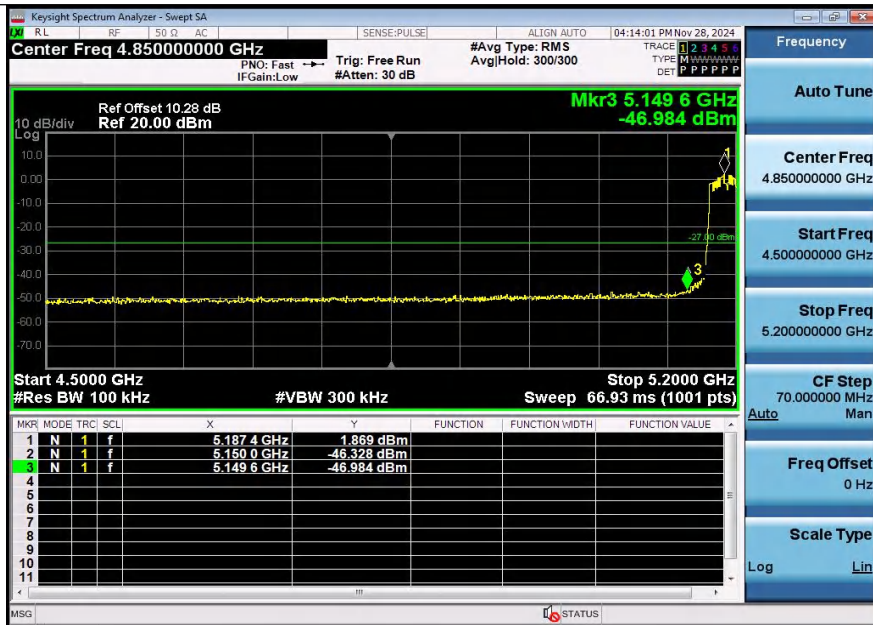
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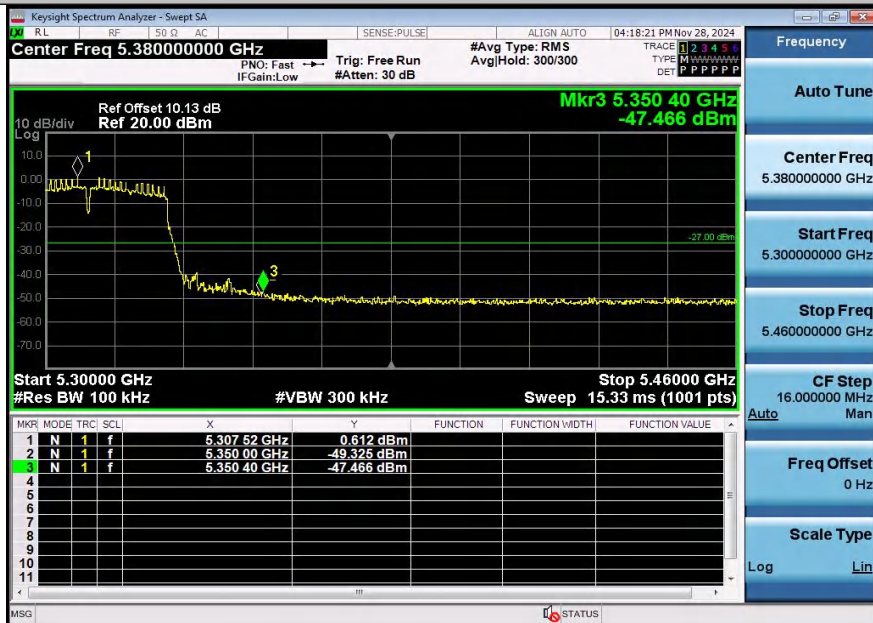
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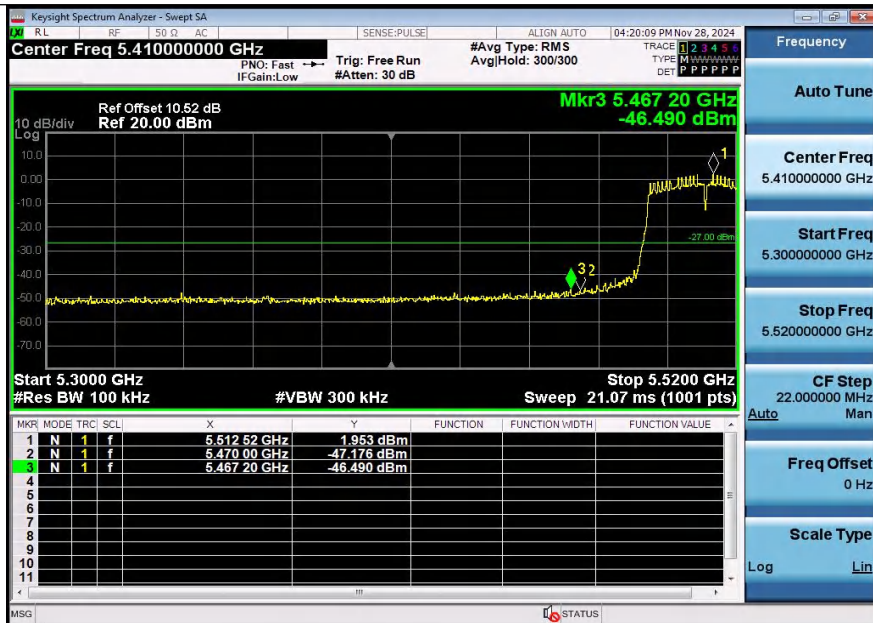
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11AC40SISO-Ant2-5190-PASS



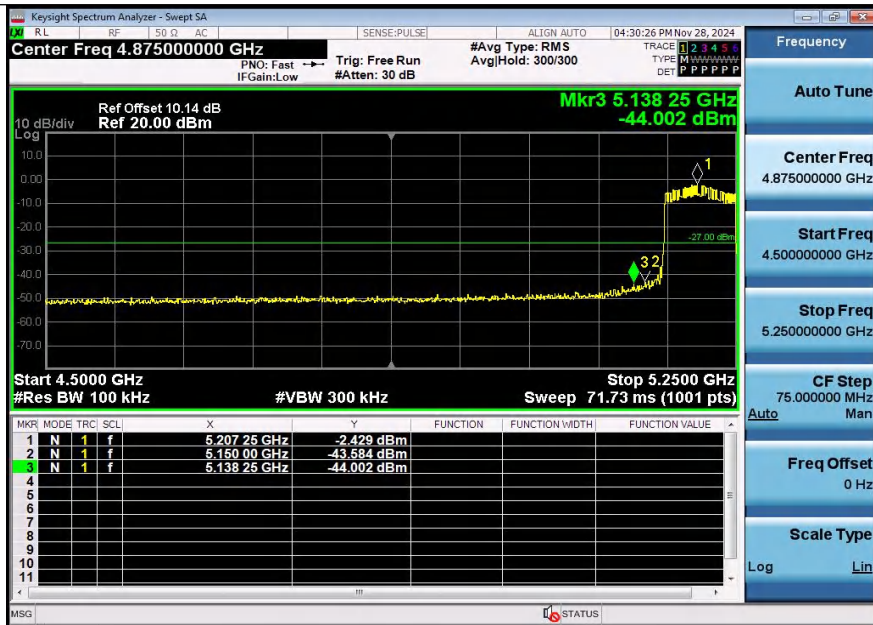
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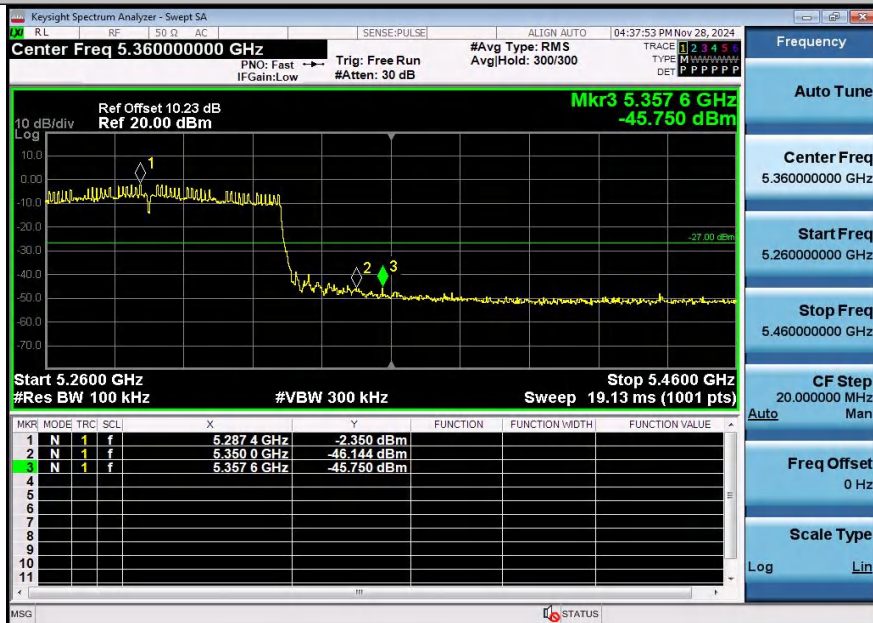
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11AC40SISO-Ant2-5670-PASS



11AC80SISO-Ant2-5210-PASS



11AC80SISO-Ant2-5290-PASS

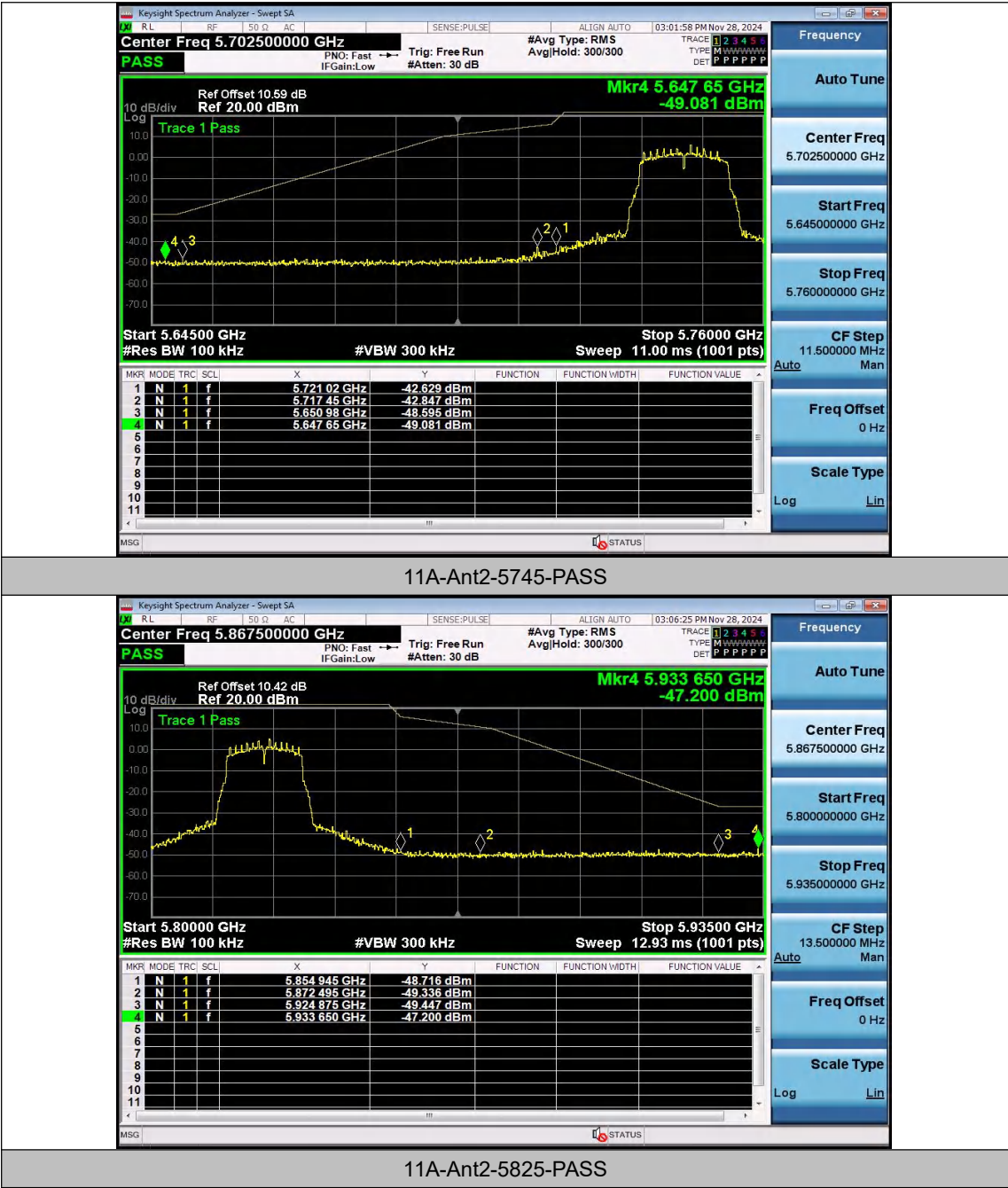


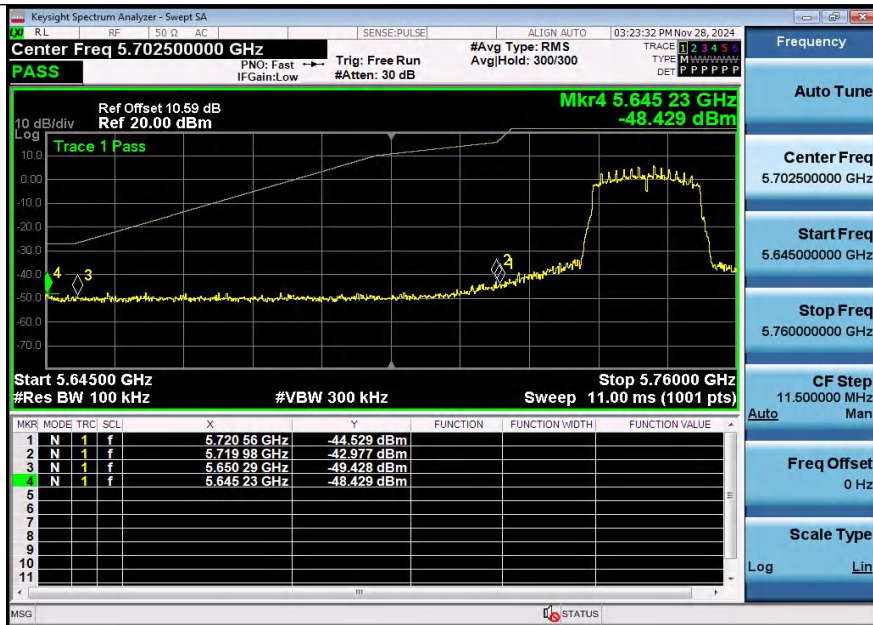
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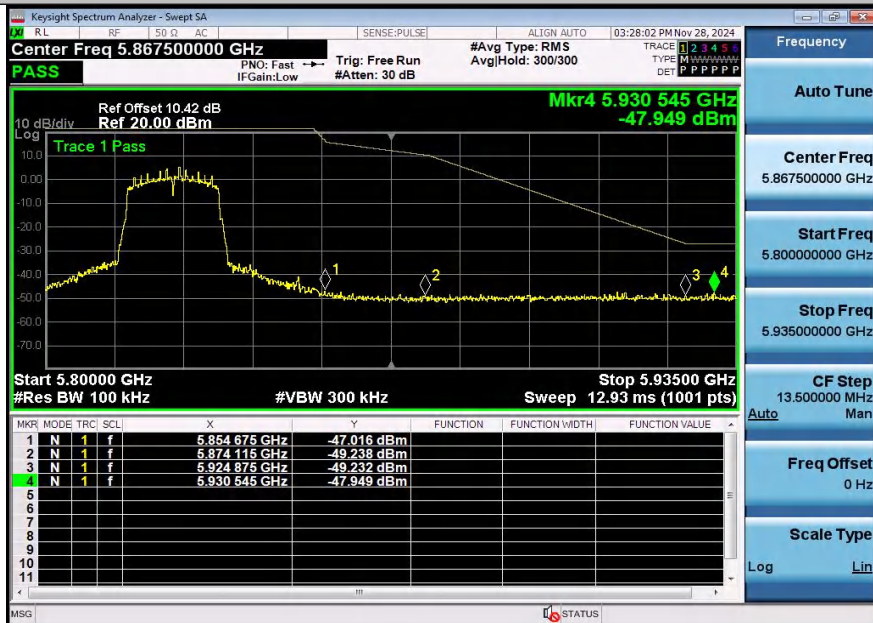
11AC80SISO-Ant2-5610-PASS

Test Graphs B4





11N20SISO-Ant2-5745-PASS



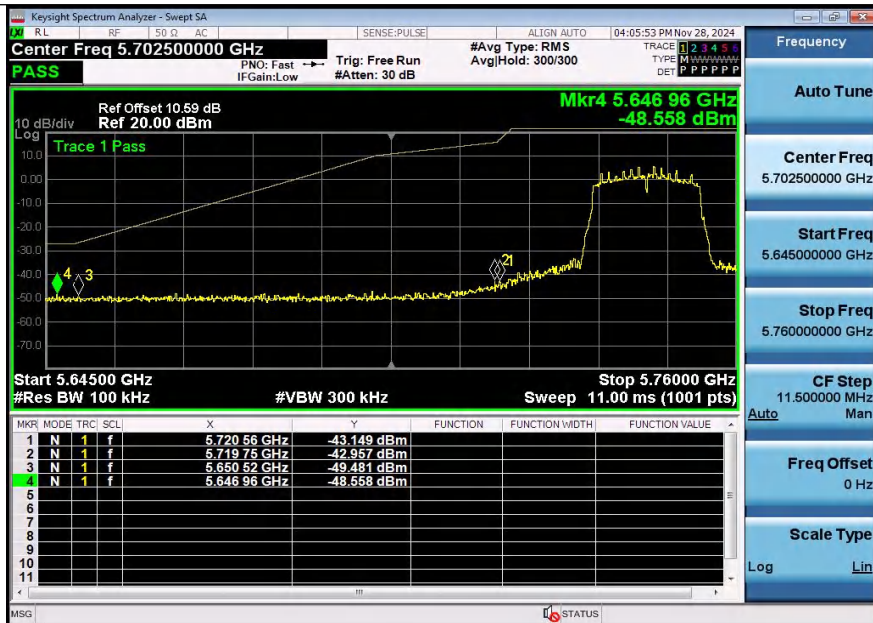
11N20SISO-Ant2-5825-PASS



11N40SISO-Ant2-5755-PASS



11N40SISO-Ant2-5795-PASS



11AC20SISO-Ant2-5745-PASS



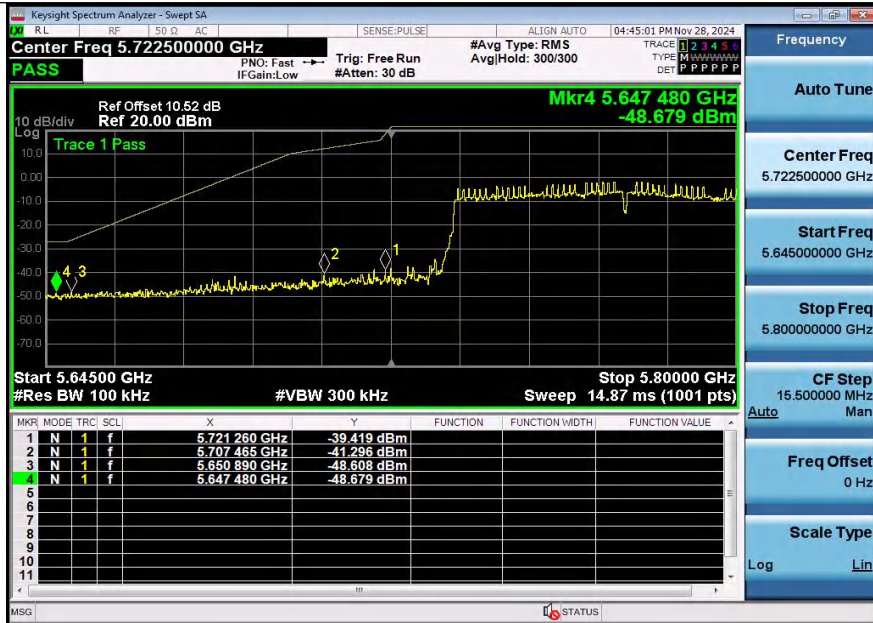
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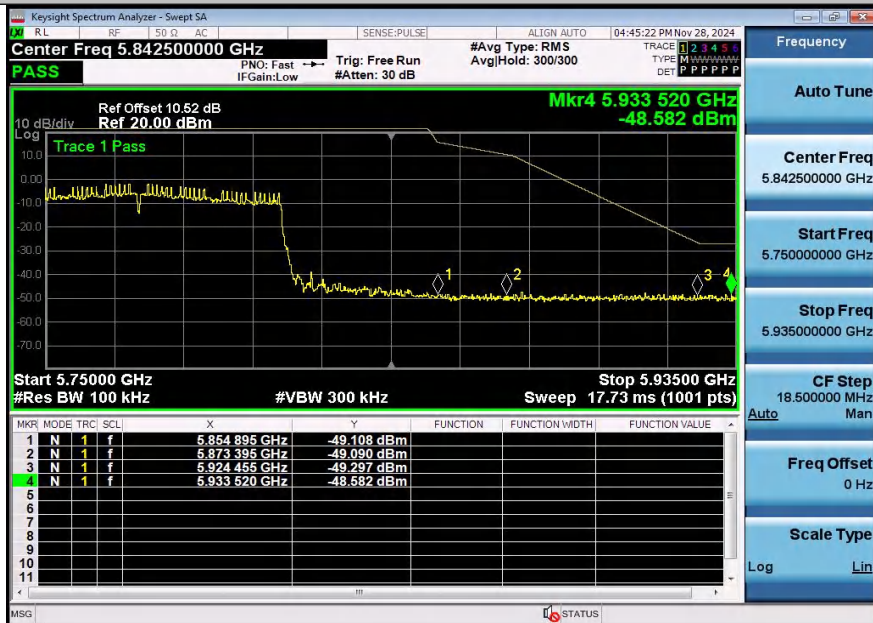
11AC40SISO-Ant2-5755-PASS



11AC40SISO-Ant2-5795-PASS



11AC80SISO-Ant2-5775-PASS



11AC80SISO-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		
20.0	-30	124.361	0.02401	Within the band of operation	Pass
	-20	152.314	0.02940		
	-10	168.348	0.03250		
	0	132.945	0.02567		
	10	176.328	0.03404		
	20	153.627	0.02966		
	30	143.953	0.02779		
	40	185.501	0.03581		
	50	120.258	0.02322		
22.0	20	137.608	0.02657	Within the band of operation	Pass
18.0	20	164.089	0.03168		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	175.624	0.03339	Within the band of operation	Pass
	-20	142.695	0.02713		
	-10	128.324	0.02440		
	0	150.084	0.02853		
	10	163.048	0.03100		
	20	189.304	0.03599		
	30	180.325	0.03428		
	40	162.176	0.03083		
	50	156.286	0.02971		
22.0	20	186.842	0.03552	Within the band of operation	Pass
18.0	20	148.821	0.02829		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	145.621	0.02648	Within the band of operation	Pass
	-20	166.347	0.03024		
	-10	129.624	0.02357		
	0	152.352	0.02770		
	10	136.347	0.02479		
	20	175.327	0.03188		
	30	186.694	0.03394		
	40	152.308	0.02769		
	50	182.320	0.03315		
22.0	20	162.284	0.02951	Within the band of operation	Pass
18.0	20	142.959	0.02599		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	154.961	0.02697	Within the band of operation	Pass
	-20	182.325	0.03174		
	-10	163.248	0.02842		
	0	153.259	0.02668		
	10	142.633	0.02483		
	20	173.524	0.03020		
	30	128.648	0.02239		
	40	159.856	0.02783		
	50	146.258	0.02546		
22.0	20	143.634	0.02500	Within the band of operation	Pass
18.0	20	157.667	0.02744		

Ant 2

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	186.665	0.03604	Within the band of operation	Pass
	-20	146.635	0.02831		
	-10	139.359	0.02690		
	0	138.756	0.02679		
	10	174.635	0.03371		
	20	155.634	0.03005		
	30	138.249	0.02669		
	40	169.659	0.03275		
	50	162.364	0.03134		
22.0	20	159.753	0.03084	Within the band of operation	Pass
18.0	20	158.984	0.03069		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	164.956	0.03136	Within the band of operation	Pass
	-20	153.634	0.02921		
	-10	186.647	0.03548		
	0	163.548	0.03109		
	10	149.547	0.02843		
	20	138.938	0.02641		
	30	173.634	0.03301		
	40	182.626	0.03472		
	50	169.694	0.03226		
22.0	20	135.534	0.02577	Within the band of operation	Pass
18.0	20	163.645	0.03111		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	194.635	0.03539	Within the band of operation	Pass
	-20	184.517	0.03355		
	-10	173.518	0.03155		
	0	172.308	0.03133		
	10	168.905	0.03071		
	20	183.304	0.03333		
	30	153.046	0.02783		
	40	148.608	0.02702		
	50	173.970	0.03163		
22.0	20	163.259	0.02968	Within the band of operation	Pass
18.0	20	168.940	0.03072		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20.0	-30	163.586	0.02847	Within the band of operation	Pass
	-20	146.455	0.02549		
	-10	158.642	0.02761		
	0	130.846	0.02278		
	10	184.651	0.03214		
	20	192.041	0.03343		
	30	176.320	0.03069		
	40	189.530	0.03299		
	50	139.644	0.02431		
22.0	20	157.689	0.02745	Within the band of operation	Pass
18.0	20	159.842	0.02782		