

11AC80SISO_Ant2_5775_5925~40000



Appendix G: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5180	AV	4500.000	-62.61	2.00	1.03	-59.58	≤-41.20	PASS
				AV	5148.900	-57.65	2.00	1.03	-54.62	≤-41.20	PASS
				AV	5150.000	-57.59	2.00	1.03	-54.56	≤-41.20	PASS
				Peak	4500.000	-53.33	2.00	0.00	-51.33	≤-27.00	PASS
				Peak	5140.500	-45.97	2.00	0.00	-43.97	≤-27.00	PASS
				Peak	5150.000	-48.52	2.00	0.00	-46.52	≤-27.00	PASS
		High	5240	AV	5350.000	-58.16	2.00	1.03	-55.13	≤-41.20	PASS
				AV	5353.680	-57.77	2.00	1.03	-54.74	≤-41.20	PASS
				AV	5460.000	-59.32	2.00	1.03	-56.29	≤-41.20	PASS
				Peak	5350.000	-49.09	2.00	0.00	-47.09	≤-27.00	PASS
				Peak	5362.800	-47.44	2.00	0.00	-45.44	≤-27.00	PASS
				Peak	5460.000	-49.87	2.00	0.00	-47.87	≤-27.00	PASS
		Low	5745	Peak	5650.000	-50.615	2.00	0.00	-48.615	≤-27.00	PASS
				Peak	5700.000	-50.8	2.00	0.00	-48.8	≤10.00	PASS
				Peak	5720.000	-48.93	2.00	0.00	-46.93	≤15.60	PASS
				Peak	5725.000	-48.36	2.00	0.00	-46.36	≤27.00	PASS
		High	5825	Peak	5850.000	-48.313	2.00	0.00	-46.313	≤27.00	PASS
				Peak	5855.000	-49.42	2.00	0.00	-47.42	≤15.60	PASS
				Peak	5875.000	-51.4	2.00	0.00	-49.4	≤10.00	PASS
				Peak	5925.000	-51.23	2.00	0.00	-49.23	≤-27.00	PASS
11N20SI SO	Ant2	Low	5180	AV	4500.000	-62.32	2.00	1.06	-59.26	≤-41.20	PASS
				AV	5141.200	-57.41	2.00	1.06	-54.35	≤-41.20	PASS
				AV	5150.000	-57.77	2.00	1.06	-54.71	≤-41.20	PASS
				Peak	4500.000	-54.88	2.00	0.00	-52.88	≤-27.00	PASS
				Peak	5134.200	-46.96	2.00	0.00	-44.96	≤-27.00	PASS
				Peak	5150.000	-48.49	2.00	0.00	-46.49	≤-27.00	PASS
		High	5240	AV	5350.000	-61.77	2.00	1.06	-58.71	≤-41.20	PASS
				AV	5449.440	-60.21	2.00	1.06	-57.15	≤-41.20	PASS
				AV	5460.000	-60.96	2.00	1.06	-57.9	≤-41.20	PASS
				Peak	5350.000	-50.83	2.00	0.00	-48.83	≤-27.00	PASS
				Peak	5450.400	-50.6	2.00	0.00	-48.6	≤-27.00	PASS
				Peak	5460.000	-53.96	2.00	0.00	-51.96	≤-27.00	PASS
		Low	5745	Peak	5650.000	-51.493	2.00	0.00	-49.493	≤-27.00	PASS
				Peak	5700.000	-51.05	2.00	0.00	-49.05	≤10.00	PASS
				Peak	5720.000	-47.39	2.00	0.00	-45.39	≤15.60	PASS
				Peak	5725.000	-48.44	2.00	0.00	-46.44	≤27.00	PASS

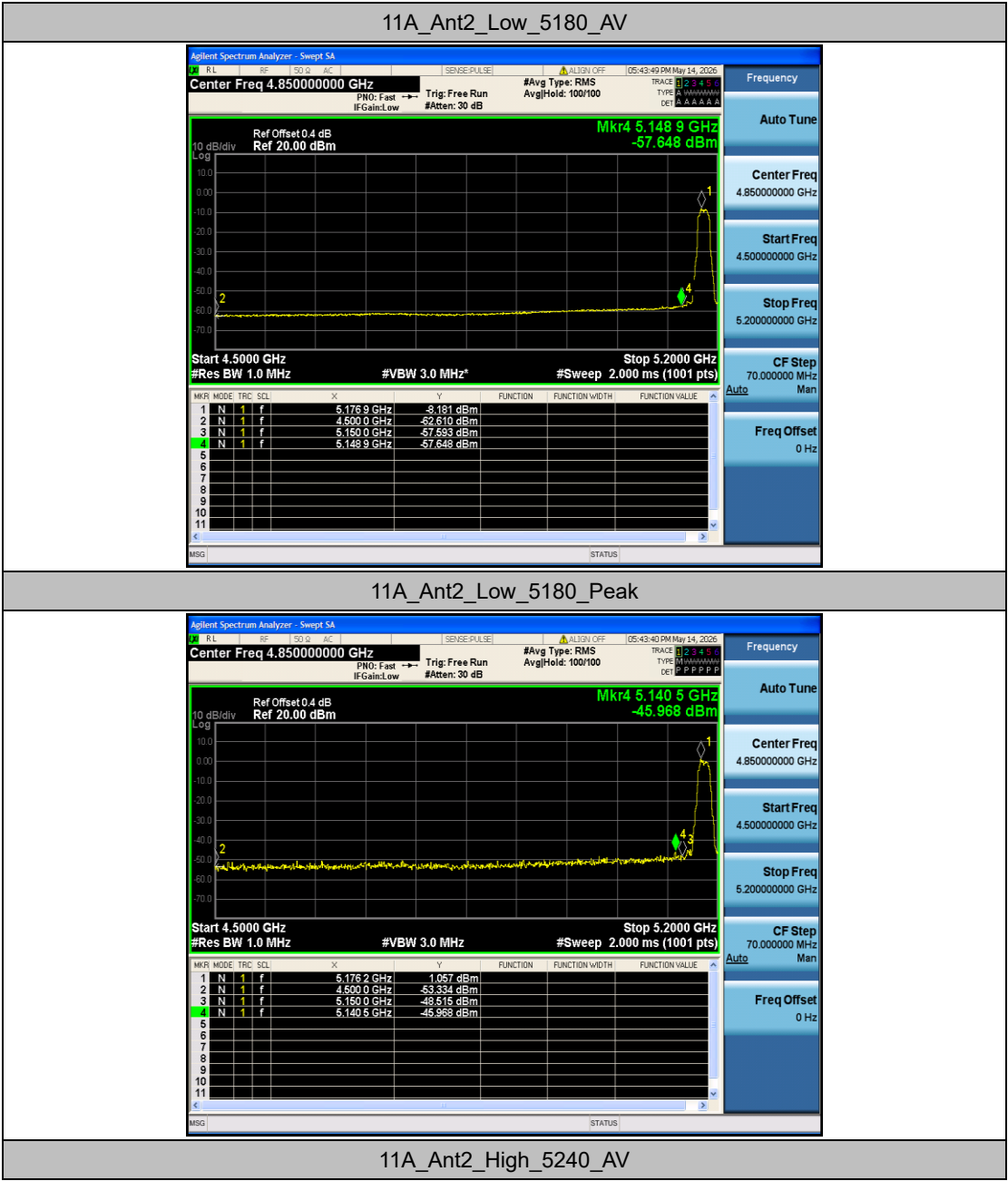
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				Peak	5855.000	-52.33	2.00	0.00	-50.33	≤15.60	PASS
				Peak	5875.000	-52.48	2.00	0.00	-50.48	≤10.00	PASS
				Peak	5925.000	-53.37	2.00	0.00	-51.37	≤-27.00	PASS
11N40SI SO	Ant2	Low	5190	AV	4500.000	-62.56	2.00	0.87	-59.69	≤-41.20	PASS
				AV	5148.200	-56.68	2.00	0.87	-53.81	≤-41.20	PASS
				AV	5150.000	-57.3	2.00	0.87	-54.43	≤-41.20	PASS
				Peak	4500.000	-54.08	2.00	0.00	-52.08	≤-27.00	PASS
				Peak	5147.500	-46.59	2.00	0.00	-44.59	≤-27.00	PASS
				Peak	5150.000	-46.99	2.00	0.00	-44.99	≤-27.00	PASS
		High	5230	AV	5350.000	-58.65	2.00	1.06	-55.59	≤-41.20	PASS
				AV	5357.040	-57.75	2.00	1.06	-54.69	≤-41.20	PASS
				AV	5460.000	-59.11	2.00	1.06	-56.05	≤-41.20	PASS
				Peak	5350.000	-50.57	2.00	0.00	-48.57	≤-27.00	PASS
				Peak	5390.060	-47.04	2.00	0.00	-45.04	≤-27.00	PASS
				Peak	5460.000	-49.56	2.00	0.00	-47.56	≤-27.00	PASS
		Low	5755	Peak	5650.000	-52.099	2.00	0.00	-50.099	≤-27.00	PASS
				Peak	5700.000	-49.48	2.00	0.00	-47.48	≤10.00	PASS
				Peak	5720.000	-48.44	2.00	0.00	-46.44	≤15.60	PASS
				Peak	5725.000	-48.79	2.00	0.00	-46.79	≤27.00	PASS
		High	5795	Peak	5850.000	-50.661	2.00	0.00	-48.661	≤27.00	PASS
				Peak	5855.000	-51.29	2.00	0.00	-49.29	≤15.60	PASS
				Peak	5875.000	-48.02	2.00	0.00	-46.02	≤10.00	PASS
				Peak	5925.000	-51.94	2.00	0.00	-49.94	≤-27.00	PASS
11AC20S ISO	Ant2	Low	5180	AV	4500.000	-62.76	2.00	0.76	-60	≤-41.20	PASS
				AV	5148.200	-56.9	2.00	0.76	-54.14	≤-41.20	PASS
				AV	5150.000	-57.24	2.00	0.76	-54.48	≤-41.20	PASS
				Peak	4500.000	-54.57	2.00	0.00	-52.57	≤-27.00	PASS
				Peak	5144.700	-46.47	2.00	0.00	-44.47	≤-27.00	PASS
				Peak	5150.000	-50.02	2.00	0.00	-48.02	≤-27.00	PASS
		High	5240	AV	5350.000	-58.41	2.00	0.76	-55.65	≤-41.20	PASS
				AV	5369.040	-57.56	2.00	0.76	-54.8	≤-41.20	PASS
				AV	5460.000	-59.16	2.00	0.76	-56.4	≤-41.20	PASS
				Peak	5350.000	-47.97	2.00	0.00	-45.97	≤-27.00	PASS
				Peak	5356.320	-46.73	2.00	0.00	-44.73	≤-27.00	PASS
				Peak	5460.000	-50.76	2.00	0.00	-48.76	≤-27.00	PASS
		Low	5745	Peak	5650.000	-53.292	2.00	0.00	-51.292	≤-27.00	PASS
				Peak	5700.000	-53.12	2.00	0.00	-51.12	≤10.00	PASS
				Peak	5720.000	-52.91	2.00	0.00	-50.91	≤15.60	PASS
				Peak	5725.000	-52.07	2.00	0.00	-50.07	≤27.00	PASS
		High	5825	Peak	5850.000	-48.191	2.00	0.00	-46.191	≤27.00	PASS
				Peak	5855.000	-49.45	2.00	0.00	-47.45	≤15.60	PASS
				Peak	5875.000	-49.89	2.00	0.00	-47.89	≤10.00	PASS

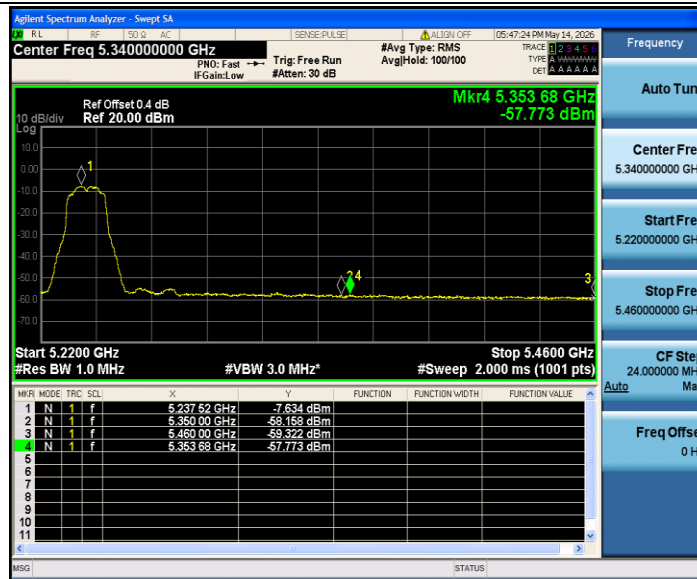
				Peak	5925.000	-51.22	2.00	0.00	-49.22	≤-27.00	PASS
11AC40S ISO	Ant2	Low	5190	AV	4500.000	-62.53	2.00	1.06	-59.47	≤-41.20	PASS
				AV	5148.900	-56.8	2.00	1.06	-53.74	≤-41.20	PASS
				AV	5150.000	-56.94	2.00	1.06	-53.88	≤-41.20	PASS
				Peak	4500.000	-54.66	2.00	0.00	-52.66	≤-27.00	PASS
				Peak	5146.800	-46.3	2.00	0.00	-44.3	≤-27.00	PASS
				Peak	5150.000	-47.85	2.00	0.00	-45.85	≤-27.00	PASS
		High	5230	AV	5350.000	-57.95	2.00	1.12	-54.83	≤-41.20	PASS
				AV	5354.700	-57.76	2.00	1.12	-54.64	≤-41.20	PASS
				AV	5460.000	-59.28	2.00	1.12	-56.16	≤-41.20	PASS
				Peak	5350.000	-47.87	2.00	0.00	-45.87	≤-27.00	PASS
				Peak	5359.900	-46.64	2.00	0.00	-44.64	≤-27.00	PASS
				Peak	5460.000	-50.59	2.00	0.00	-48.59	≤-27.00	PASS
		Low	5755	Peak	5650.000	-49.871	2.00	0.00	-47.871	≤-27.00	PASS
				Peak	5700.000	-50.33	2.00	0.00	-48.33	≤10.00	PASS
				Peak	5720.000	-49.11	2.00	0.00	-47.11	≤15.60	PASS
				Peak	5725.000	-48.43	2.00	0.00	-46.43	≤27.00	PASS
		High	5795	Peak	5850.000	-50.954	2.00	0.00	-48.954	≤27.00	PASS
				Peak	5855.000	-51.43	2.00	0.00	-49.43	≤15.60	PASS
				Peak	5875.000	-50.25	2.00	0.00	-48.25	≤10.00	PASS
				Peak	5925.000	-51.02	2.00	0.00	-49.02	≤-27.00	PASS
11AC80S ISO	Ant2	Low	5210	AV	4500.000	-62.74	2.00	1.18	-59.56	≤-41.20	PASS
				AV	5144.250	-57.17	2.00	1.18	-53.99	≤-41.20	PASS
				AV	5150.000	-57.51	2.00	1.18	-54.33	≤-41.20	PASS
				Peak	4500.000	-54.33	2.00	0.00	-52.33	≤-27.00	PASS
				Peak	5145.000	-46.15	2.00	0.00	-44.15	≤-27.00	PASS
				Peak	5150.000	-48.13	2.00	0.00	-46.13	≤-27.00	PASS
		High	5210	AV	5350.000	-58.3	2.00	1.18	-55.12	≤-41.20	PASS
				AV	5371.240	-57.62	2.00	1.18	-54.44	≤-41.20	PASS
				AV	5460.000	-58.85	2.00	1.18	-55.67	≤-41.20	PASS
				Peak	5350.000	-48.62	2.00	0.00	-46.62	≤-27.00	PASS
				Peak	5370.120	-46.55	2.00	0.00	-44.55	≤-27.00	PASS
				Peak	5460.000	-49.67	2.00	0.00	-47.67	≤-27.00	PASS
		Low	5775	Peak	5650.000	-51.366	2.00	0.00	-49.366	≤-27.00	PASS
				Peak	5700.000	-48.97	2.00	0.00	-46.97	≤10.00	PASS
				Peak	5720.000	-46.59	2.00	0.00	-44.59	≤15.60	PASS
				Peak	5725.000	-45.3	2.00	0.00	-43.3	≤27.00	PASS
		High	5775	Peak	5850.000	-49.908	2.00	0.00	-47.908	≤27.00	PASS
				Peak	5855.000	-50.06	2.00	0.00	-48.06	≤15.60	PASS
				Peak	5875.000	-51.23	2.00	0.00	-49.23	≤10.00	PASS
				Peak	5925.000	-48.82	2.00	0.00	-46.82	≤-27.00	PASS

Note:

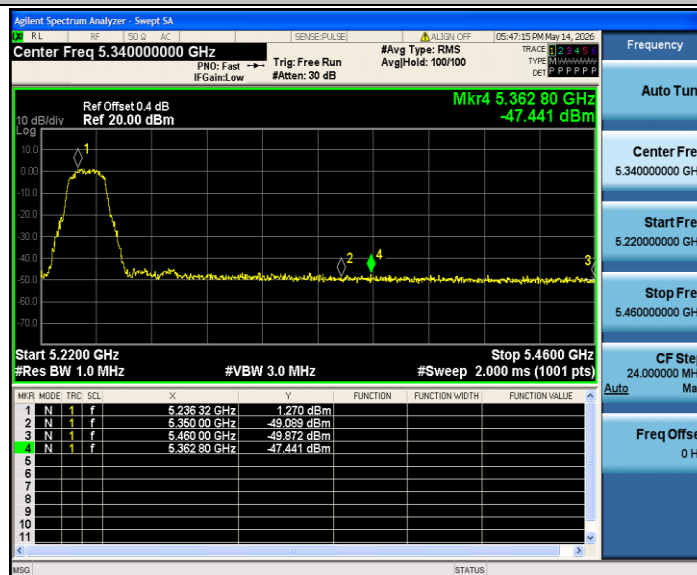
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

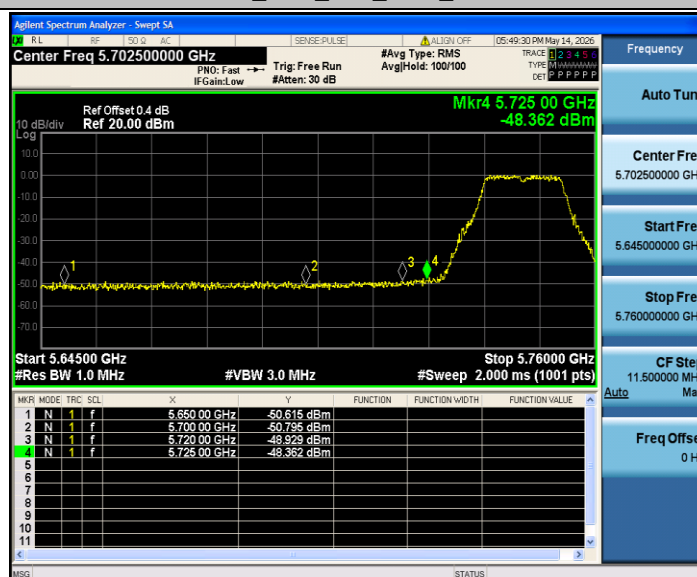




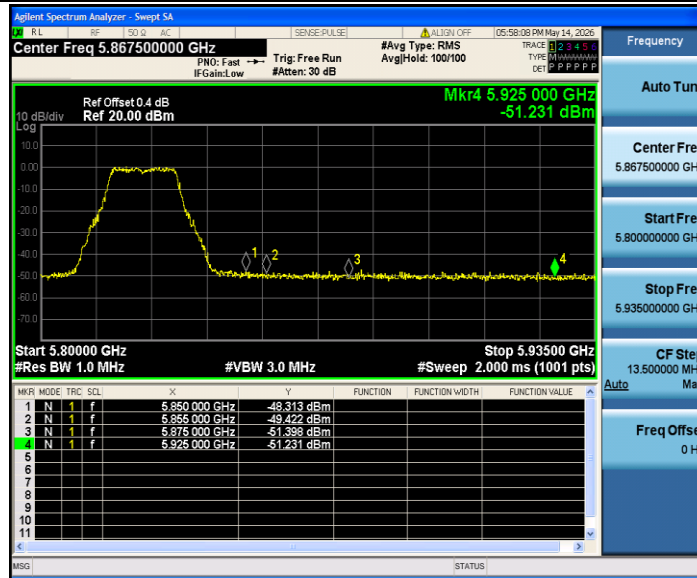
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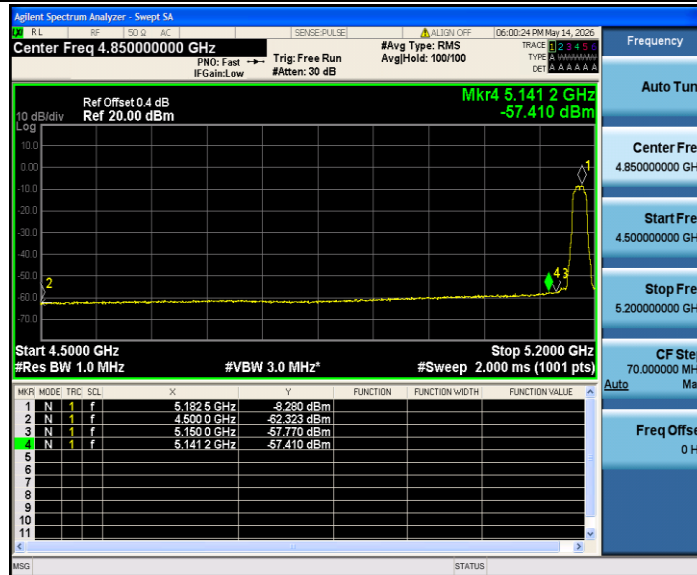
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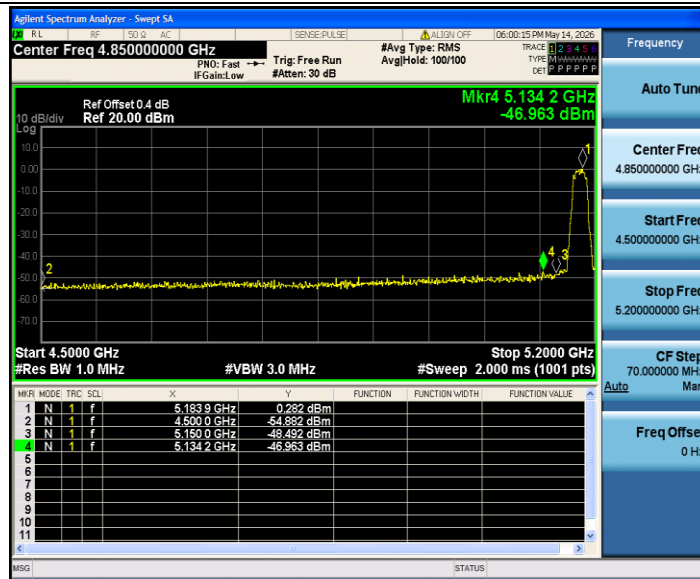
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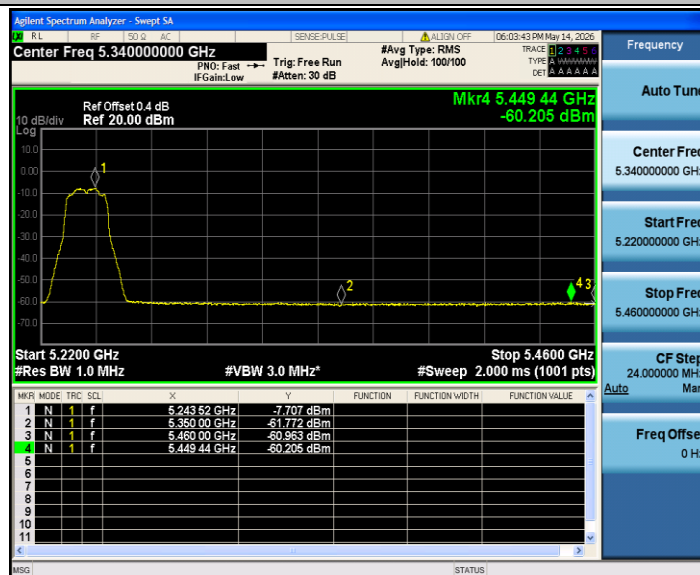
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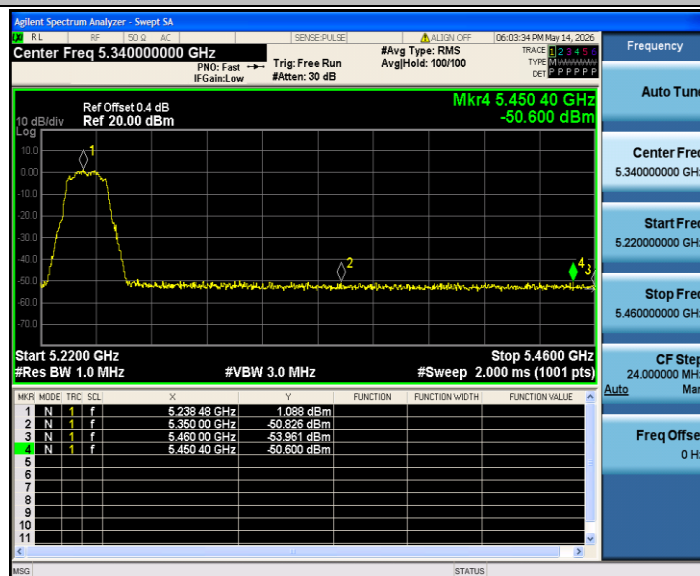
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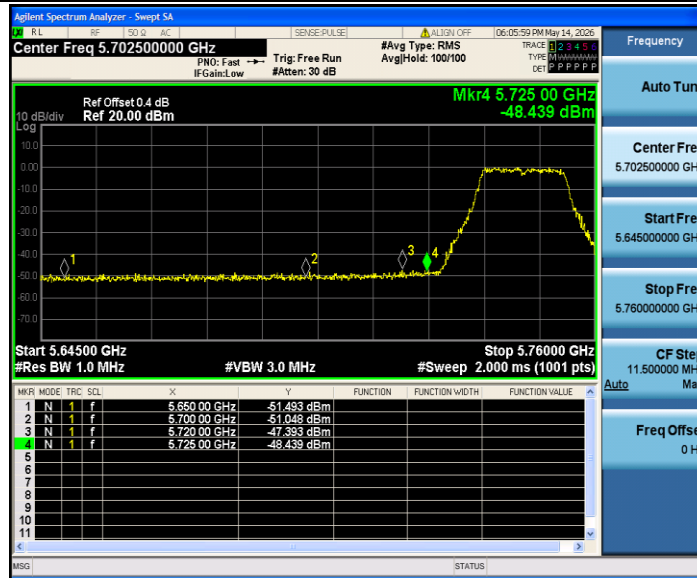
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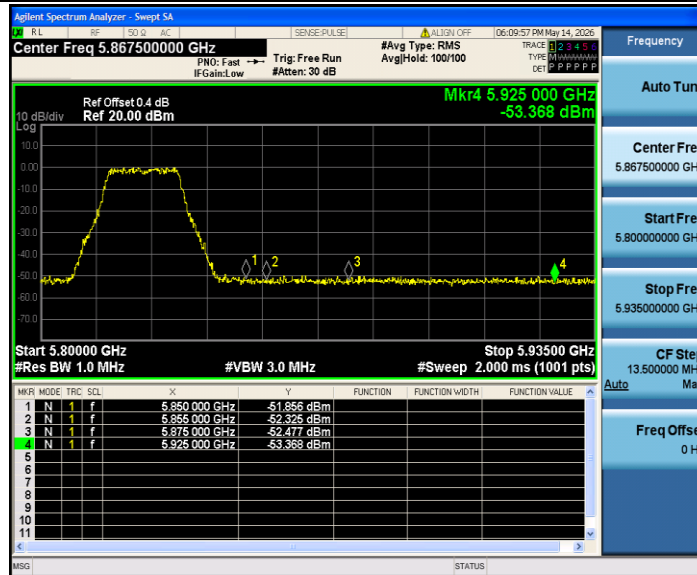
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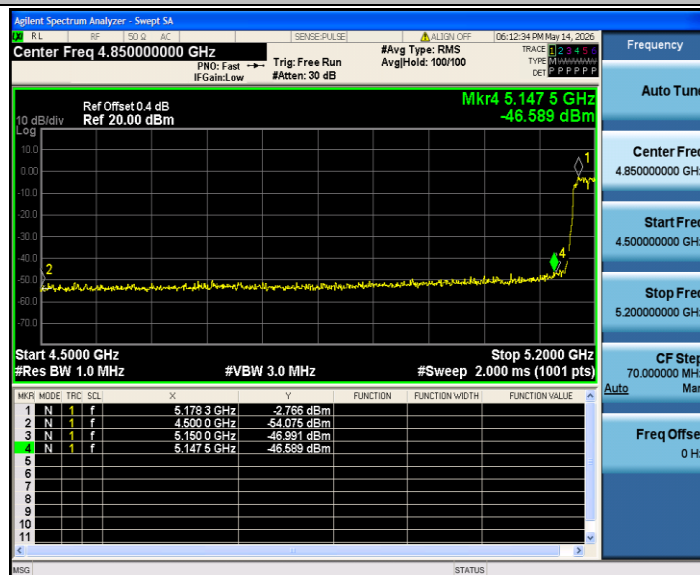
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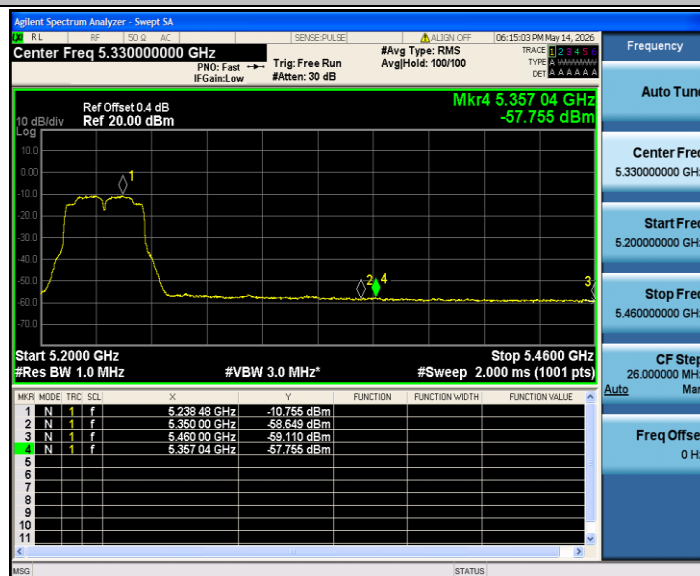
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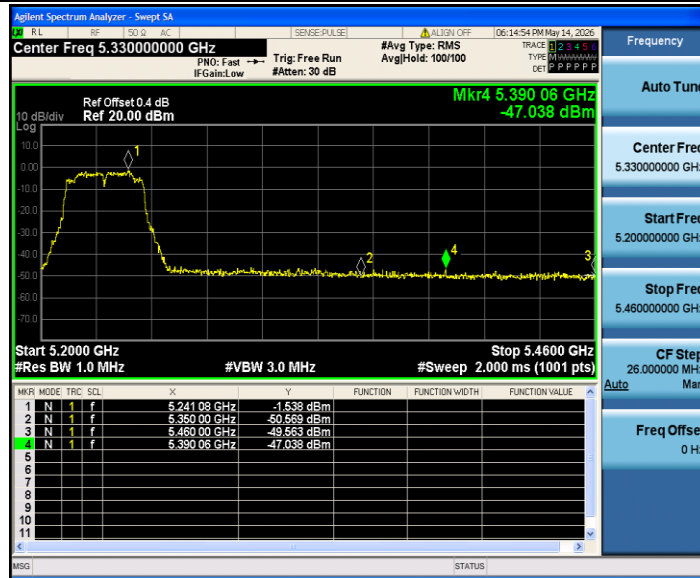
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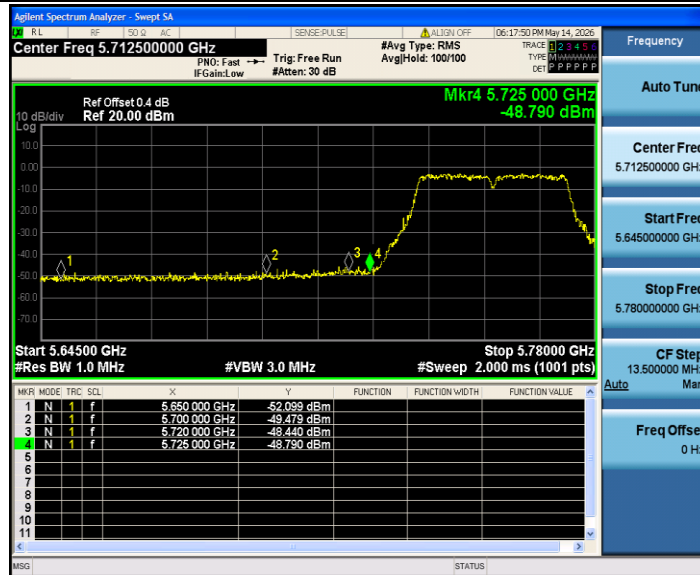
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11N40SISO_Ant2_High_5230_Peak



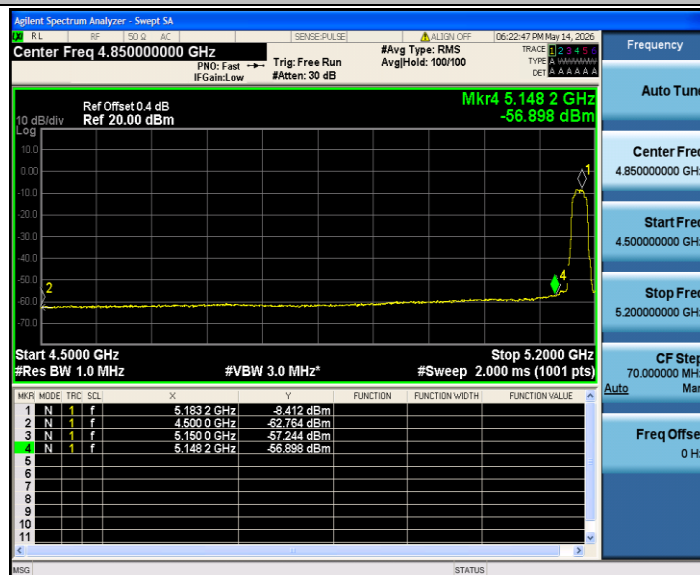
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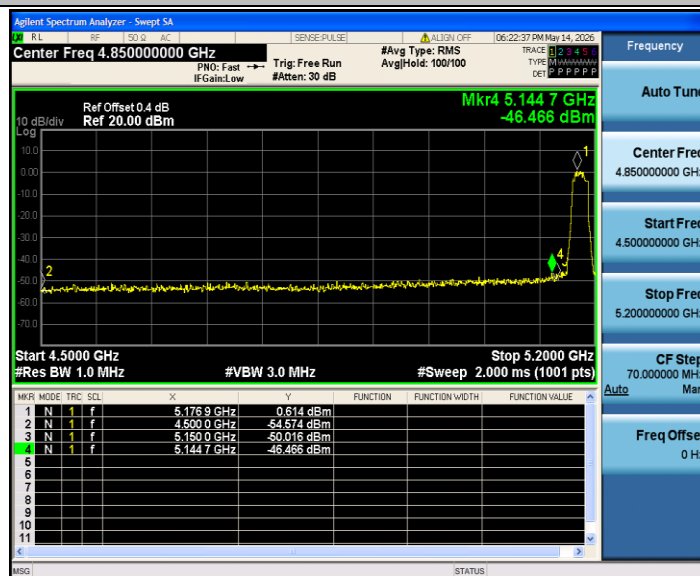
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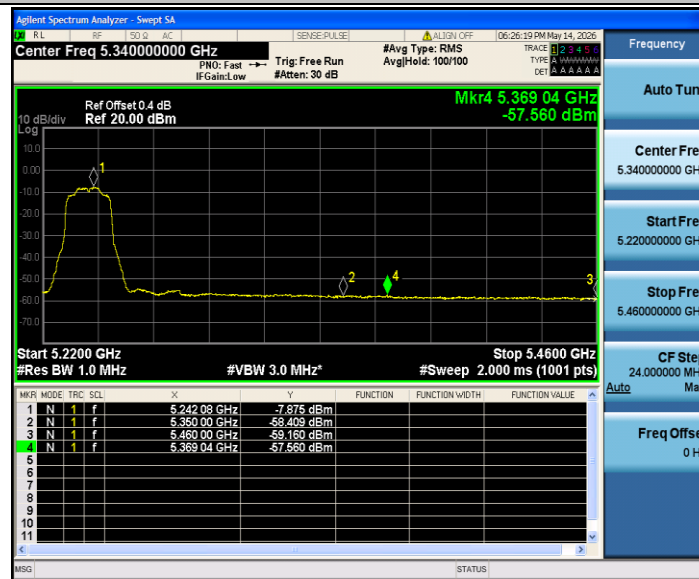
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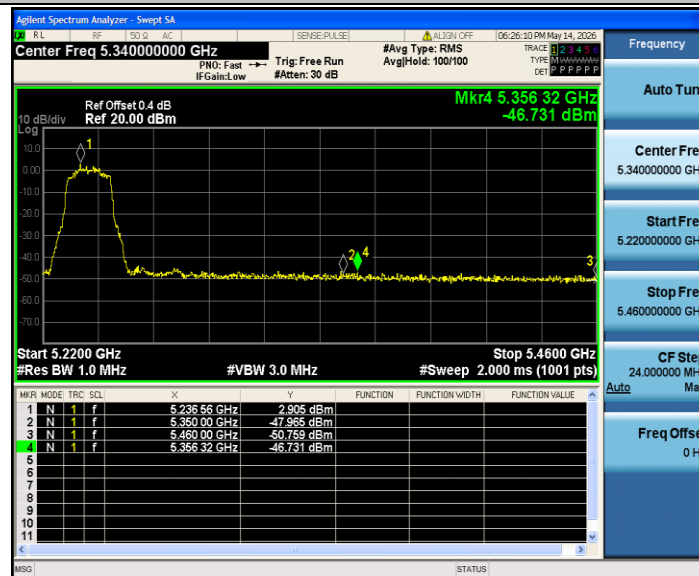
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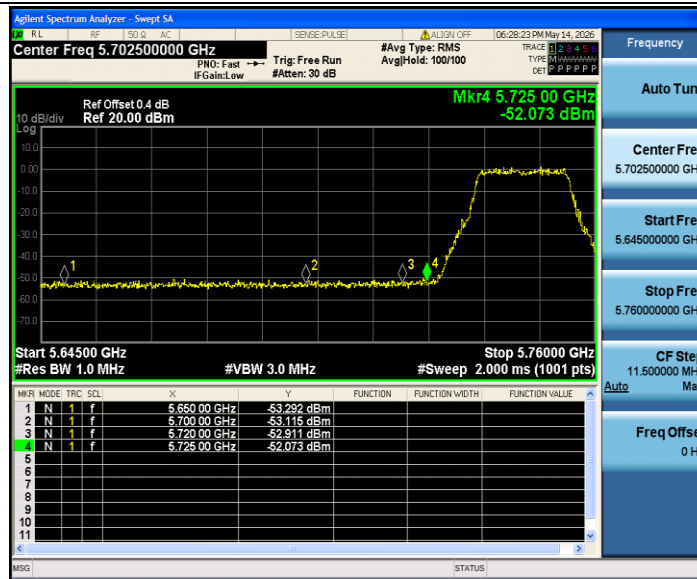
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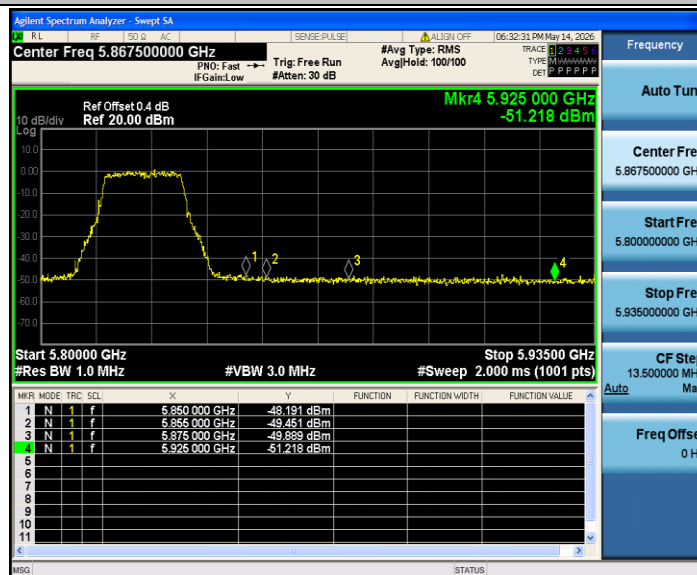
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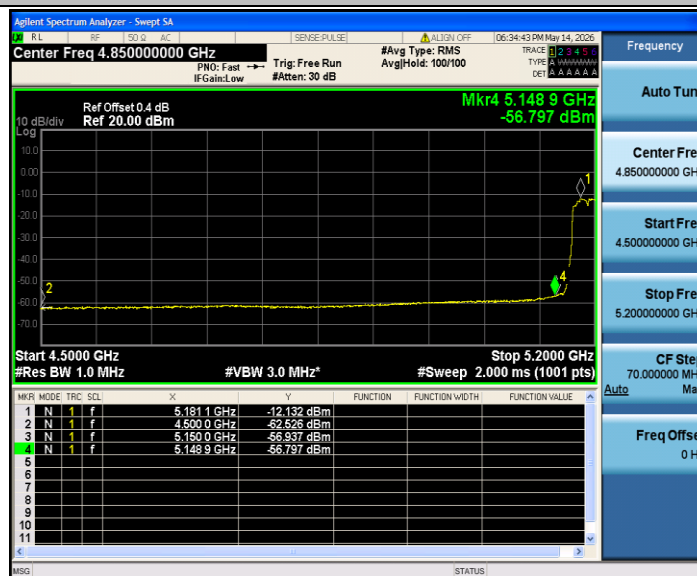
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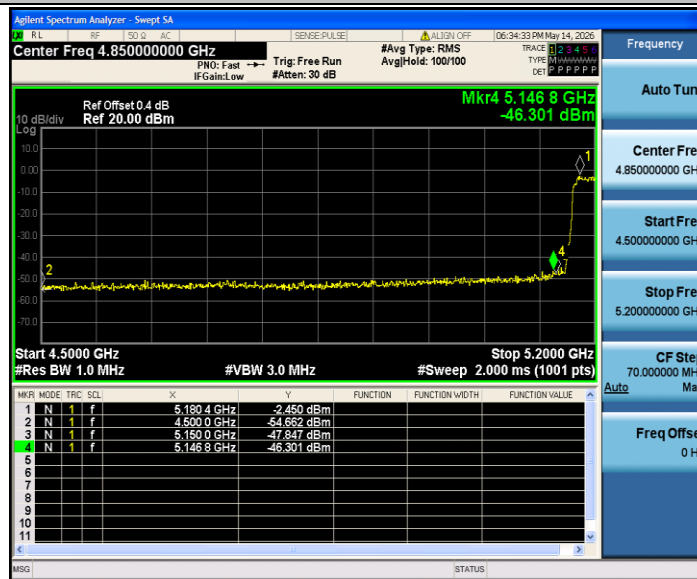
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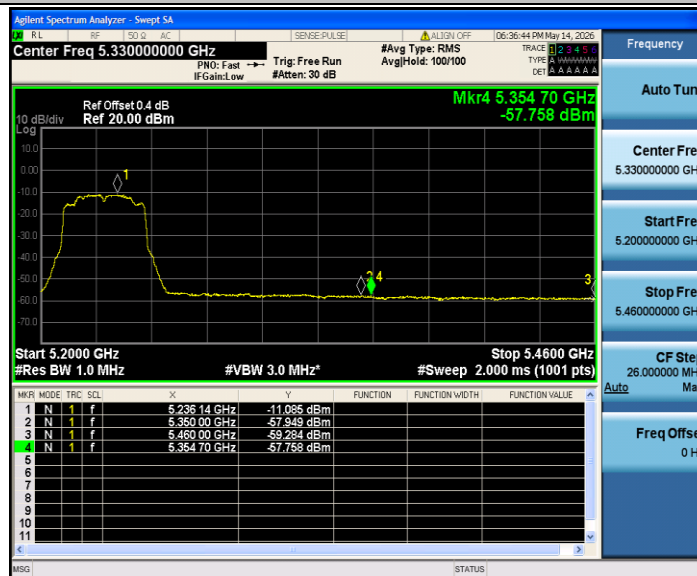
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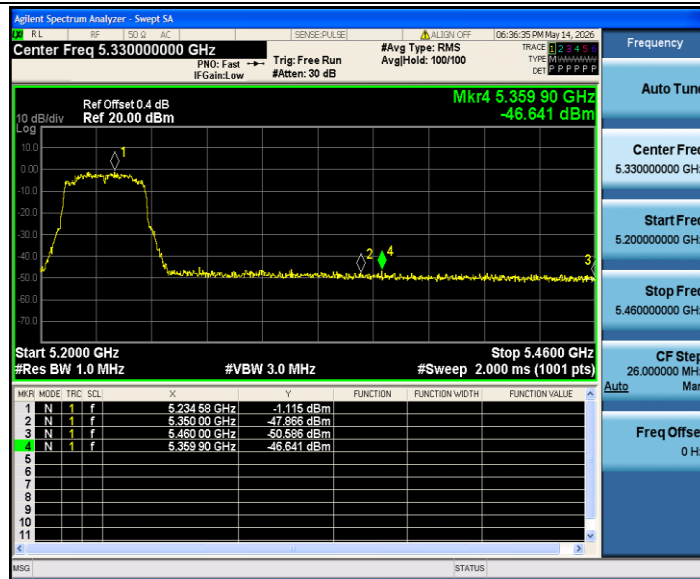
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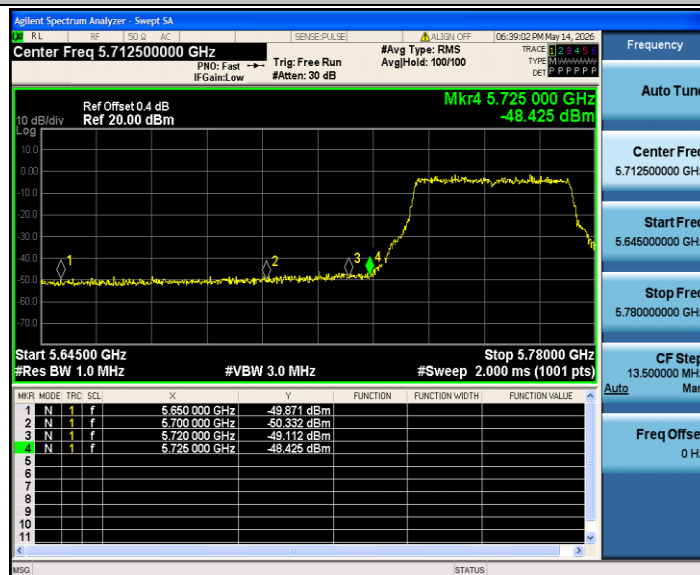
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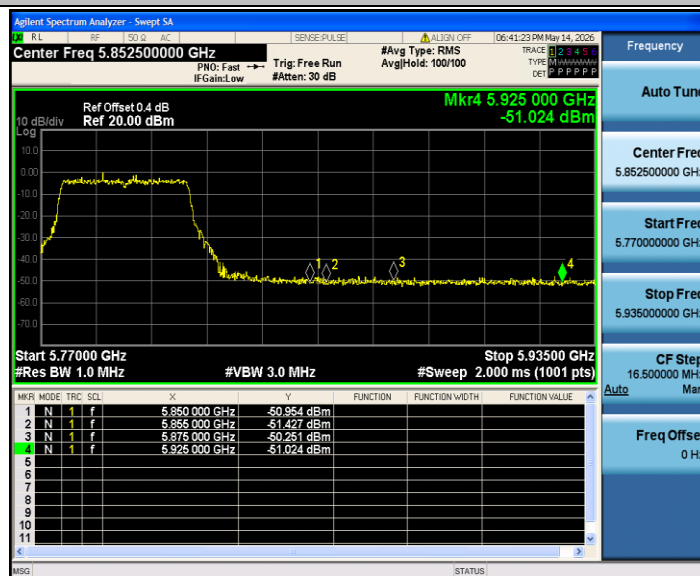
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11AC40SISO_Ant2_Low_5755_Peak



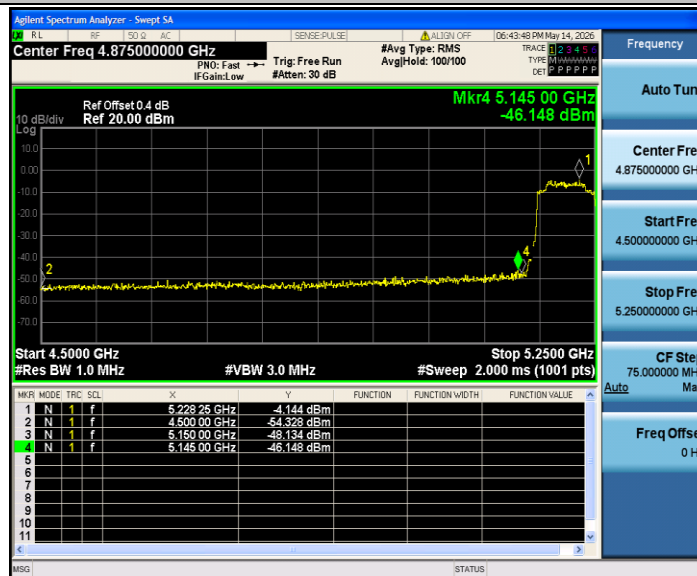
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11AC80SISO_Ant2_Low_5210_AV



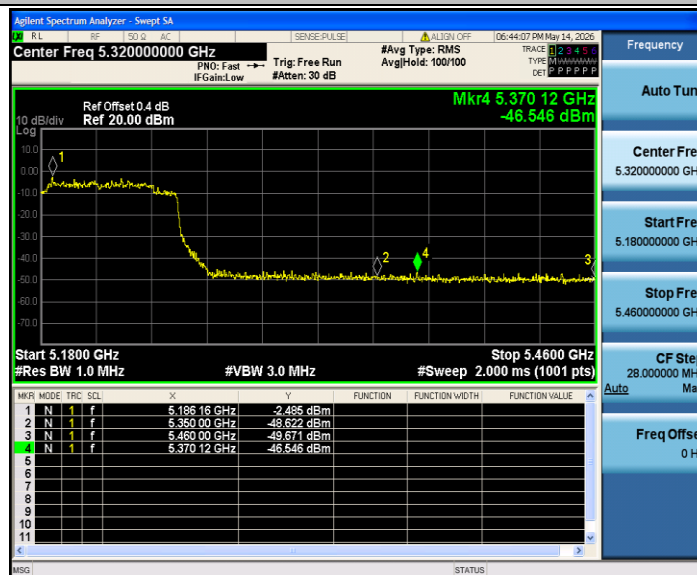
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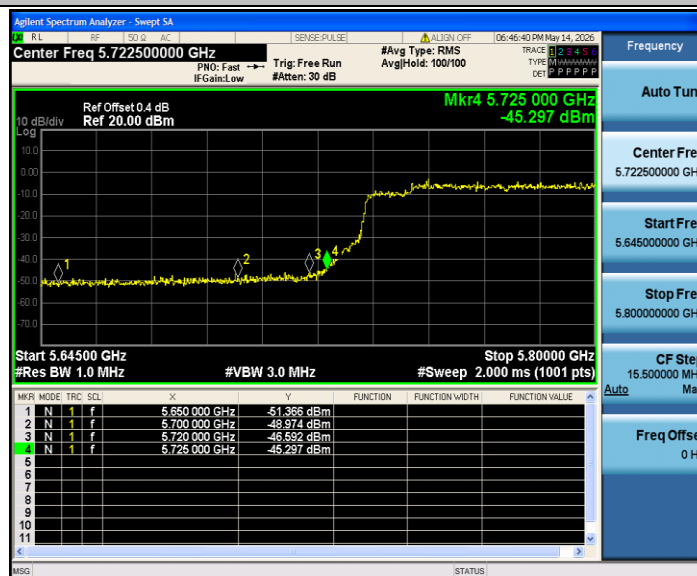
11AC80SISO_Ant2_High_5210_AV



11AC80SISO_Ant2_High_5210_Peak



11AC80SISO_Ant2_Low_5775_Peak



11AC80SISO_Ant2_High_5775_Peak

