

11AC80SISO_Ant1_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	Ant1	Low	5180	AV	4500.000	-62.58	2.00	1.25	-59.33	≤-41.20	PASS
				AV	5149.600	-56.18	2.00	1.25	-52.93	≤-41.20	PASS
				AV	5150.000	-57.02	2.00	1.25	-53.77	≤-41.20	PASS
				Peak	4500.000	-53.89	2.00	0.00	-51.89	≤-27.00	PASS
				Peak	5142.600	-46.33	2.00	0.00	-44.33	≤-27.00	PASS
				Peak	5150.000	-47.46	2.00	0.00	-45.46	≤-27.00	PASS
		High	5240	AV	5350.000	-57.92	2.00	1.25	-54.67	≤-41.20	PASS
				AV	5357.760	-57.53	2.00	1.25	-54.28	≤-41.20	PASS
				AV	5460.000	-59.02	2.00	1.25	-55.77	≤-41.20	PASS
				Peak	5350.000	-49.38	2.00	0.00	-47.38	≤-27.00	PASS
				Peak	5392.320	-47.15	2.00	0.00	-45.15	≤-27.00	PASS
				Peak	5460.000	-51.15	2.00	0.00	-49.15	≤-27.00	PASS
		Low	5745	Peak	5650.000	-51.54	2.67	0.00	-48.87	≤-27.00	PASS
				Peak	5700.000	-50.33	2.67	0.00	-47.66	≤10.00	PASS
				Peak	5720.000	-49.01	2.67	0.00	-46.34	≤15.60	PASS
				Peak	5725.000	-43.52	2.67	0.00	-40.85	≤27.00	PASS
		High	5825	Peak	5850.000	-46.172	2.67	0.00	-43.502	≤27.00	PASS
				Peak	5855.000	-47.08	2.67	0.00	-44.41	≤15.60	PASS
				Peak	5875.000	-49.48	2.67	0.00	-46.81	≤10.00	PASS
				Peak	5925.000	-51.16	2.67	0.00	-48.49	≤-27.00	PASS
11N20SI SO	Ant1	Low	5180	AV	4500.000	-62.87	2.00	1.12	-59.75	≤-41.20	PASS
				AV	5144.700	-56.43	2.00	1.12	-53.31	≤-41.20	PASS
				AV	5150.000	-56.62	2.00	1.12	-53.5	≤-41.20	PASS
				Peak	4500.000	-52.47	2.00	0.00	-50.47	≤-27.00	PASS
				Peak	5149.600	-46.42	2.00	0.00	-44.42	≤-27.00	PASS
				Peak	5150.000	-46.15	2.00	0.00	-44.15	≤-27.00	PASS
		High	5240	AV	5350.000	-58.78	2.00	1.06	-55.72	≤-41.20	PASS
				AV	5355.840	-57.54	2.00	1.06	-54.48	≤-41.20	PASS
				AV	5460.000	-59.25	2.00	1.06	-56.19	≤-41.20	PASS
				Peak	5350.000	-48.85	2.00	0.00	-46.85	≤-27.00	PASS
				Peak	5400.000	-46.06	2.00	0.00	-44.06	≤-27.00	PASS
				Peak	5460.000	-48.94	2.00	0.00	-46.94	≤-27.00	PASS
		Low	5745	Peak	5650.000	-48.268	2.67	0.00	-45.598	≤-27.00	PASS
				Peak	5700.000	-48.31	2.67	0.00	-45.64	≤10.00	PASS
				Peak	5720.000	-47.48	2.67	0.00	-44.81	≤15.60	PASS
				Peak	5725.000	-44.5	2.67	0.00	-41.83	≤27.00	PASS

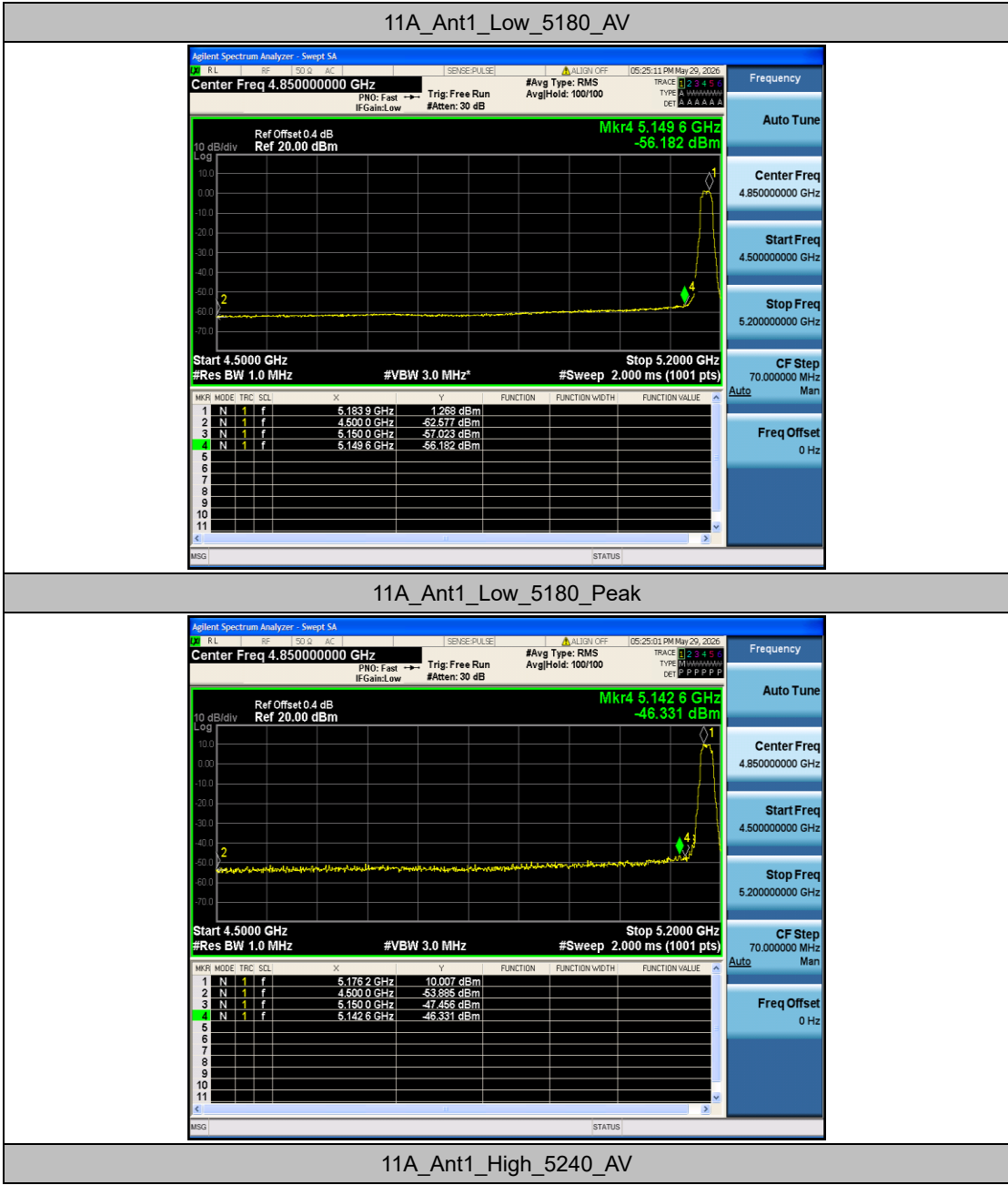
		High	5825	Peak	5850.000	-41.919	2.67	0.00	-39.249	≤27.00	PASS
				Peak	5855.000	-47.46	2.67	0.00	-44.79	≤15.60	PASS
				Peak	5875.000	-49.81	2.67	0.00	-47.14	≤10.00	PASS
				Peak	5925.000	-51.08	2.67	0.00	-48.41	≤-27.00	PASS
11N40SI SO	Ant1	Low	5190	AV	4500.000	-62.55	2.00	0.87	-59.68	≤-41.20	PASS
				AV	5148.200	-54.16	2.00	0.87	-51.29	≤-41.20	PASS
				AV	5150.000	-54.68	2.00	0.87	-51.81	≤-41.20	PASS
				Peak	4500.000	-53.16	2.00	0.00	-51.16	≤-27.00	PASS
				Peak	5144.700	-45.24	2.00	0.00	-43.24	≤-27.00	PASS
				Peak	5150.000	-45.74	2.00	0.00	-43.74	≤-27.00	PASS
		High	5230	AV	5350.000	-58.54	2.00	1.06	-55.48	≤-41.20	PASS
				AV	5364.060	-57.69	2.00	1.06	-54.63	≤-41.20	PASS
				AV	5460.000	-58.93	2.00	1.06	-55.87	≤-41.20	PASS
				Peak	5350.000	-48.08	2.00	0.00	-46.08	≤-27.00	PASS
				Peak	5353.140	-45.82	2.00	0.00	-43.82	≤-27.00	PASS
				Peak	5460.000	-50.34	2.00	0.00	-48.34	≤-27.00	PASS
		Low	5755	Peak	5650.000	-50.432	2.67	0.00	-47.762	≤-27.00	PASS
				Peak	5700.000	-48.26	2.67	0.00	-45.59	≤10.00	PASS
				Peak	5720.000	-41.08	2.67	0.00	-38.41	≤15.60	PASS
				Peak	5725.000	-39.74	2.67	0.00	-37.07	≤27.00	PASS
		High	5795	Peak	5850.000	-47.971	2.67	0.00	-45.301	≤27.00	PASS
				Peak	5855.000	-46.32	2.67	0.00	-43.65	≤15.60	PASS
				Peak	5875.000	-49.37	2.67	0.00	-46.7	≤10.00	PASS
				Peak	5925.000	-51.58	2.67	0.00	-48.91	≤-27.00	PASS
11AC20S ISO	Ant1	Low	5180	AV	4500.000	-62.45	2.00	0.76	-59.69	≤-41.20	PASS
				AV	5142.600	-56.29	2.00	0.76	-53.53	≤-41.20	PASS
				AV	5150.000	-56.55	2.00	0.76	-53.79	≤-41.20	PASS
				Peak	4500.000	-53.04	2.00	0.00	-51.04	≤-27.00	PASS
				Peak	5139.100	-46.93	2.00	0.00	-44.93	≤-27.00	PASS
				Peak	5150.000	-48.91	2.00	0.00	-46.91	≤-27.00	PASS
		High	5240	AV	5350.000	-57.7	2.00	0.76	-54.94	≤-41.20	PASS
				AV	5357.520	-57.47	2.00	0.76	-54.71	≤-41.20	PASS
				AV	5460.000	-59.49	2.00	0.76	-56.73	≤-41.20	PASS
				Peak	5350.000	-49.94	2.00	0.00	-47.94	≤-27.00	PASS
				Peak	5366.400	-46.45	2.00	0.00	-44.45	≤-27.00	PASS
				Peak	5460.000	-48.72	2.00	0.00	-46.72	≤-27.00	PASS
		Low	5745	Peak	5650.000	-52.38	2.67	0.00	-49.71	≤-27.00	PASS
				Peak	5700.000	-49.5	2.67	0.00	-46.83	≤10.00	PASS
				Peak	5720.000	-47.45	2.67	0.00	-44.78	≤15.60	PASS
				Peak	5725.000	-43.31	2.67	0.00	-40.64	≤27.00	PASS
		High	5825	Peak	5850.000	-40.587	2.67	0.00	-37.917	≤27.00	PASS
				Peak	5855.000	-48.38	2.67	0.00	-45.71	≤15.60	PASS
				Peak	5875.000	-48.97	2.67	0.00	-46.3	≤10.00	PASS

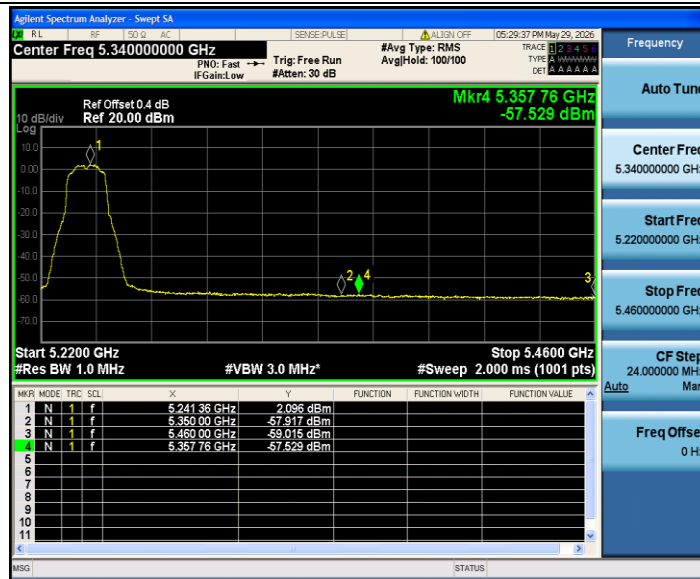
				Peak	5925.000	-50.36	2.67	0.00	-47.69	≤-27.00	PASS
11AC40S ISO	Ant1	Low	5190	AV	4500.000	-62.33	2.00	1.06	-59.27	≤-41.20	PASS
				AV	5148.200	-54.73	2.00	1.06	-51.67	≤-41.20	PASS
				AV	5150.000	-54.71	2.00	1.06	-51.65	≤-41.20	PASS
				Peak	4500.000	-53.95	2.00	0.00	-51.95	≤-27.00	PASS
				Peak	5149.600	-45.13	2.00	0.00	-43.13	≤-27.00	PASS
				Peak	5150.000	-45.01	2.00	0.00	-43.01	≤-27.00	PASS
		High	5230	AV	5350.000	-58.14	2.00	1.06	-55.08	≤-41.20	PASS
				AV	5358.080	-57.64	2.00	1.06	-54.58	≤-41.20	PASS
				AV	5460.000	-59.14	2.00	1.06	-56.08	≤-41.20	PASS
				Peak	5350.000	-49.47	2.00	0.00	-47.47	≤-27.00	PASS
				Peak	5357.040	-46.56	2.00	0.00	-44.56	≤-27.00	PASS
				Peak	5460.000	-48.95	2.00	0.00	-46.95	≤-27.00	PASS
		Low	5755	Peak	5650.000	-51.891	2.67	0.00	-49.221	≤-27.00	PASS
				Peak	5700.000	-50.28	2.67	0.00	-47.61	≤10.00	PASS
				Peak	5720.000	-42.14	2.67	0.00	-39.47	≤15.60	PASS
				Peak	5725.000	-42.64	2.67	0.00	-39.97	≤27.00	PASS
		High	5795	Peak	5850.000	-48.681	2.67	0.00	-46.011	≤27.00	PASS
				Peak	5855.000	-47.19	2.67	0.00	-44.52	≤15.60	PASS
				Peak	5875.000	-48.04	2.67	0.00	-45.37	≤10.00	PASS
				Peak	5925.000	-51.08	2.67	0.00	-48.41	≤-27.00	PASS
11AC80S ISO	Ant1	Low	5210	AV	4500.000	-61.99	2.00	0.92	-59.07	≤-41.20	PASS
				AV	5148.000	-54.43	2.00	0.92	-51.51	≤-41.20	PASS
				AV	5150.000	-55.19	2.00	0.92	-52.27	≤-41.20	PASS
				Peak	4500.000	-53.85	2.00	0.00	-51.85	≤-27.00	PASS
				Peak	5141.250	-41.06	2.00	0.00	-39.06	≤-27.00	PASS
				Peak	5150.000	-45.16	2.00	0.00	-43.16	≤-27.00	PASS
		High	5210	AV	5350.000	-57.68	2.00	0.92	-54.76	≤-41.20	PASS
				AV	5362.280	-56.9	2.00	0.92	-53.98	≤-41.20	PASS
				AV	5460.000	-58.37	2.00	0.92	-55.45	≤-41.20	PASS
				Peak	5350.000	-47.92	2.00	0.00	-45.92	≤-27.00	PASS
				Peak	5350.800	-46.34	2.00	0.00	-44.34	≤-27.00	PASS
				Peak	5460.000	-51.44	2.00	0.00	-49.44	≤-27.00	PASS
		Low	5775	Peak	5650.000	-50.435	2.67	0.00	-47.765	≤-27.00	PASS
				Peak	5700.000	-46.56	2.67	0.00	-43.89	≤10.00	PASS
				Peak	5720.000	-42.02	2.67	0.00	-39.35	≤15.60	PASS
				Peak	5725.000	-34.71	2.67	0.00	-32.04	≤27.00	PASS
		High	5775	Peak	5850.000	-45.537	2.67	0.00	-42.867	≤27.00	PASS
				Peak	5855.000	-45.78	2.67	0.00	-43.11	≤15.60	PASS
				Peak	5875.000	-48.53	2.67	0.00	-45.86	≤10.00	PASS
				Peak	5925.000	-49.97	2.67	0.00	-47.3	≤-27.00	PASS

Note:

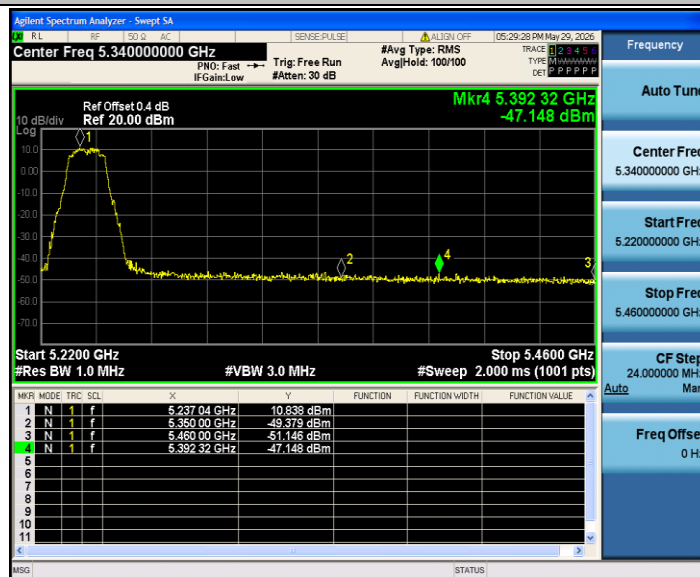
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

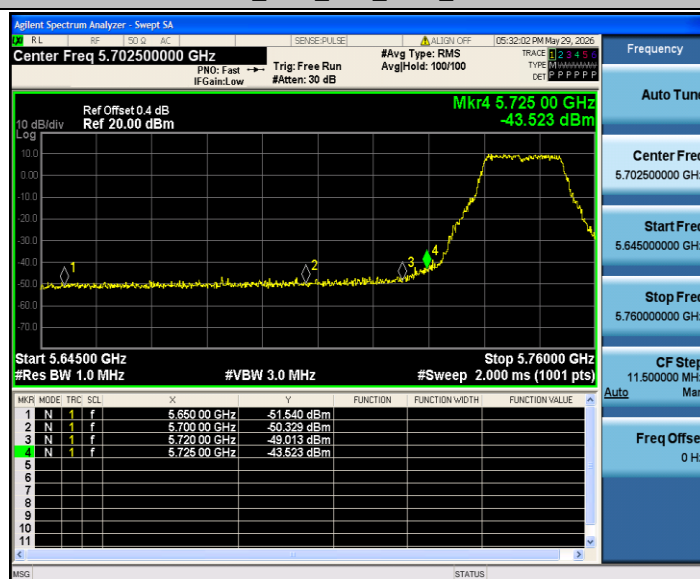




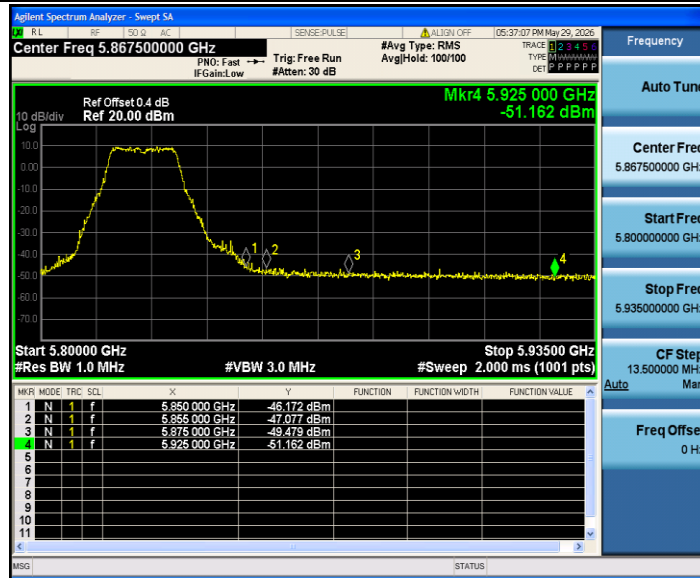
11A_Ant1_High_5240_Peak



11A_Ant1_Low_5745_Peak



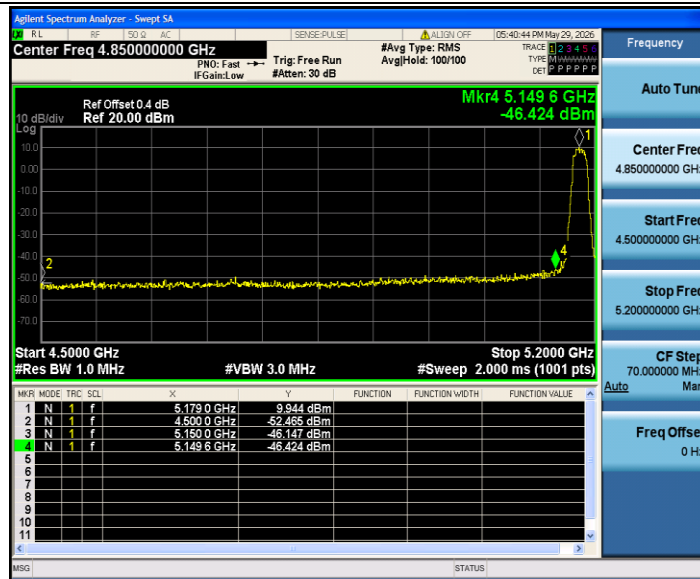
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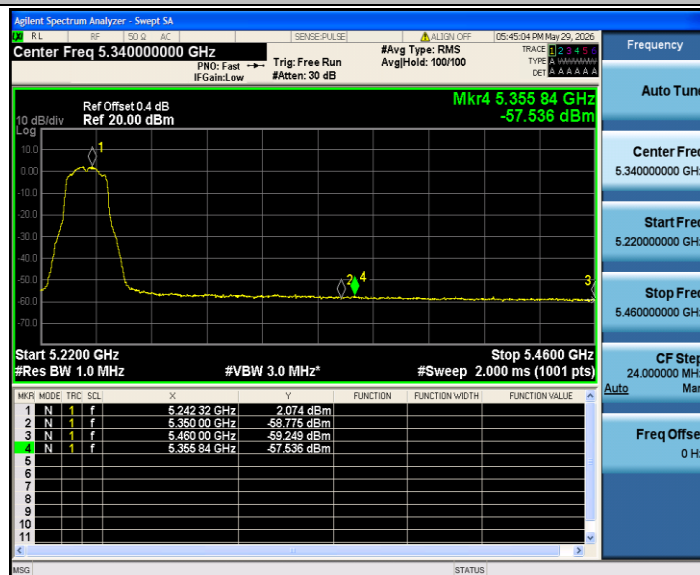
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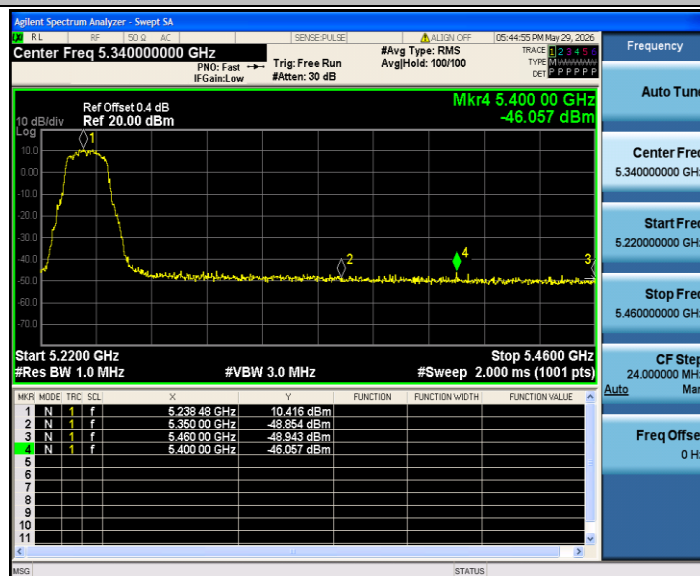
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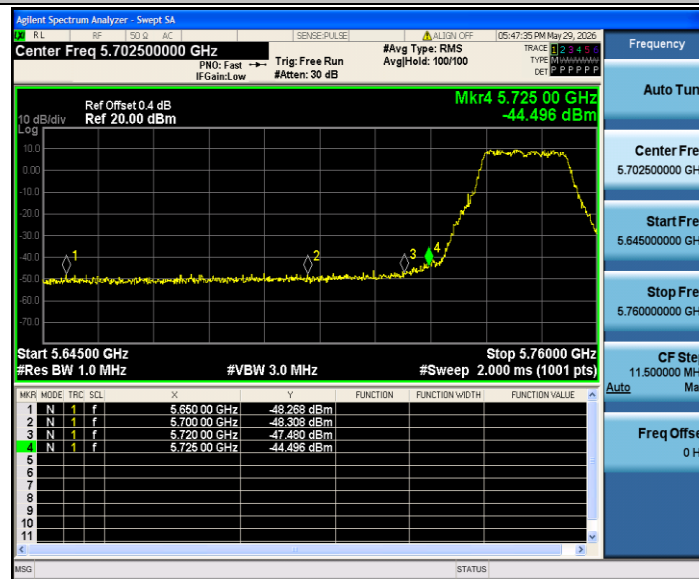
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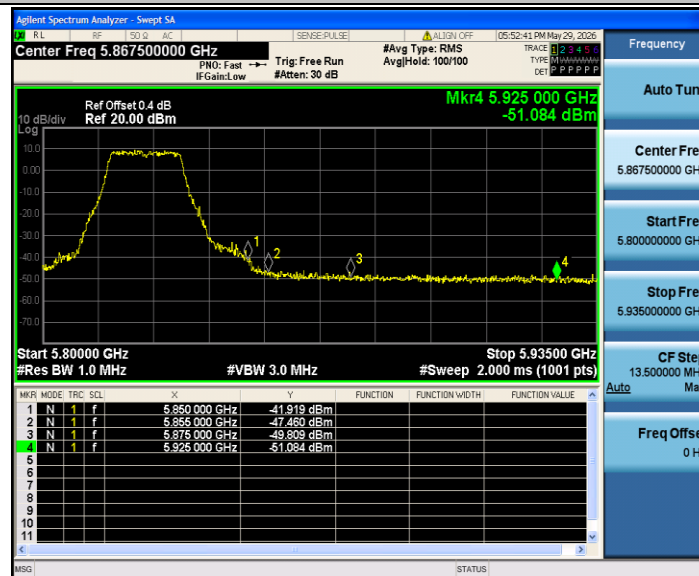
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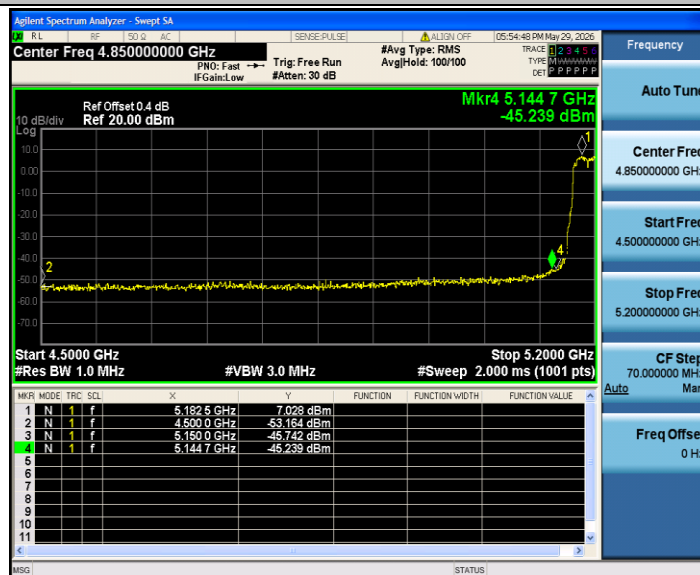
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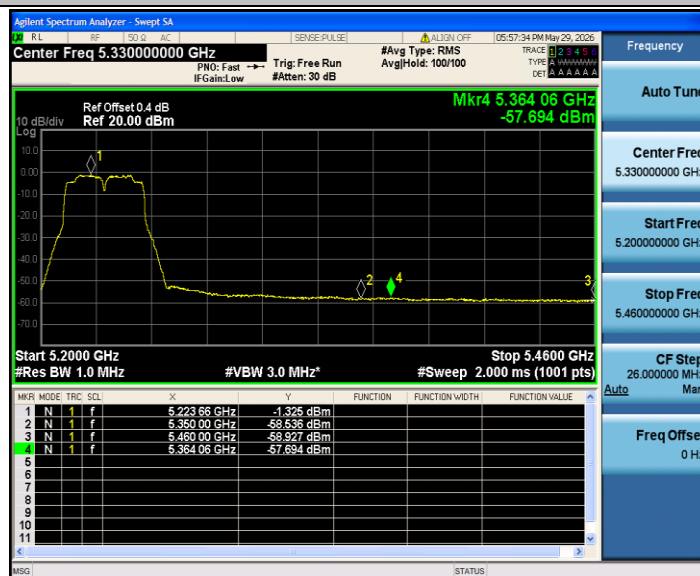
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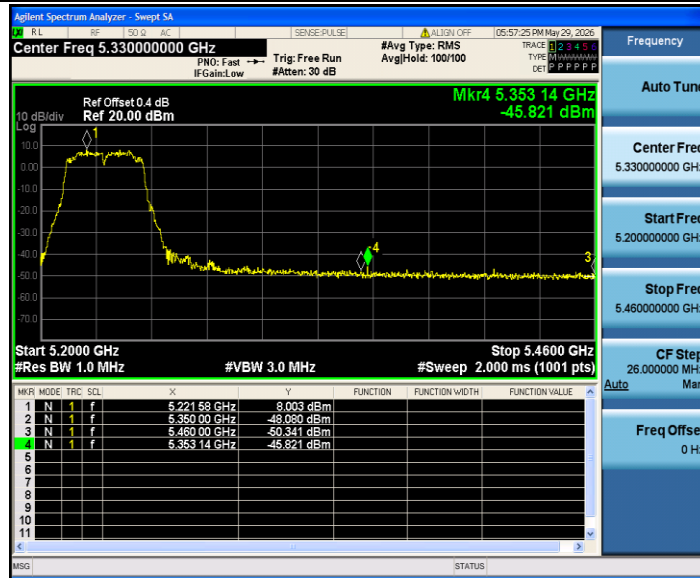
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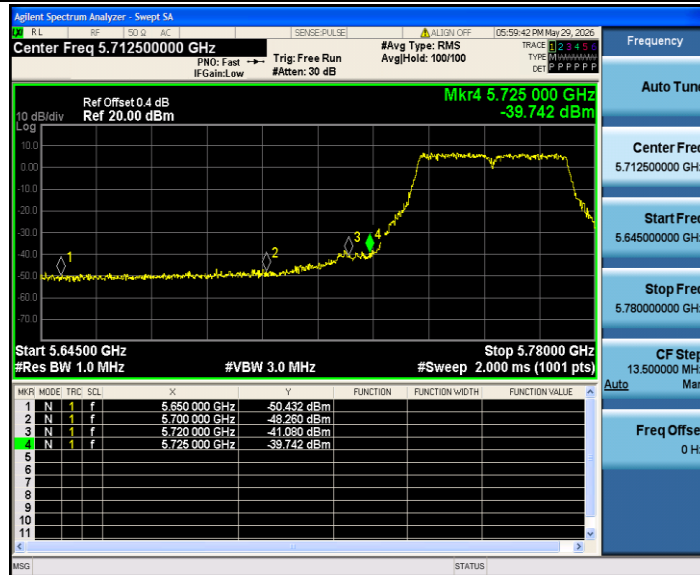
11N40SISO_Ant1_High_5230_AV



11N40SISO_Ant1_High_5230_Peak



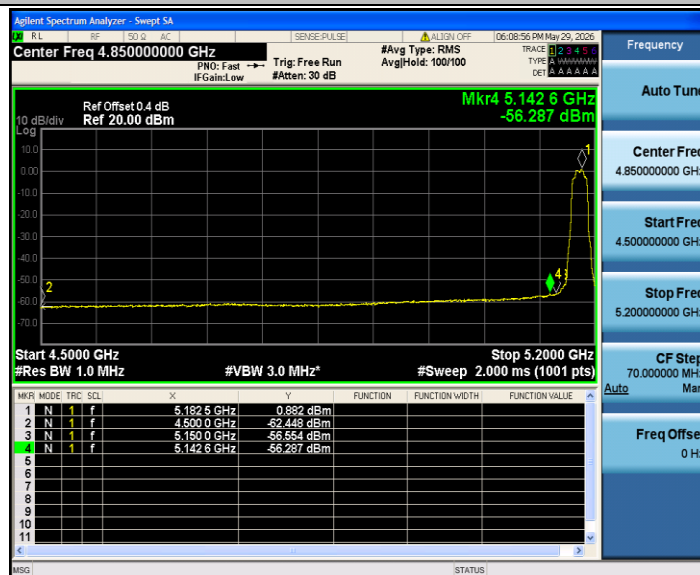
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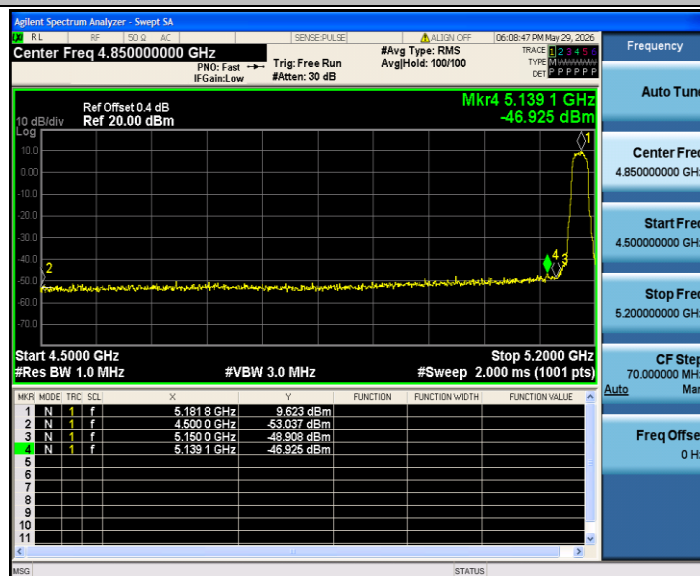
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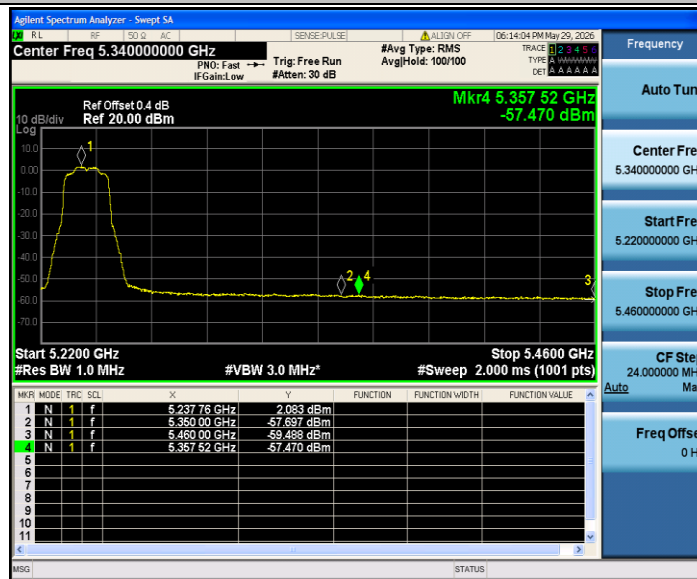
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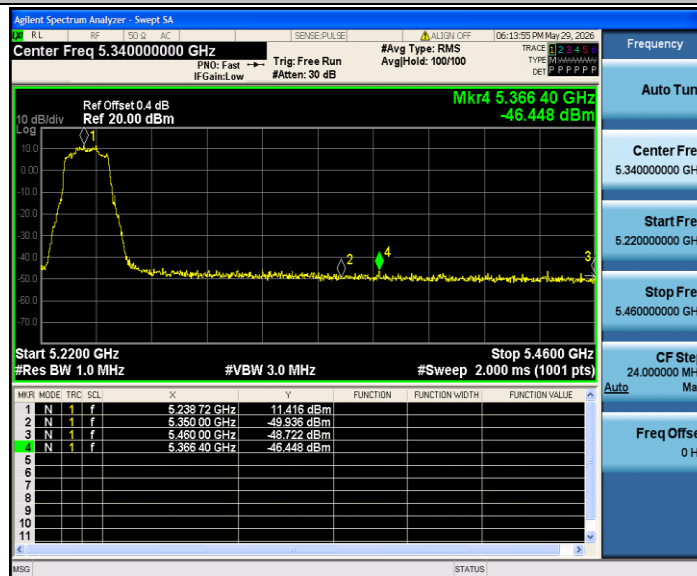
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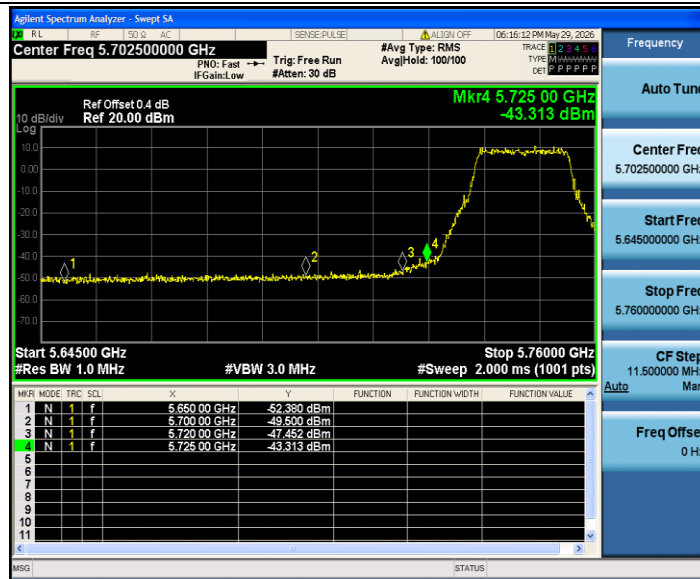
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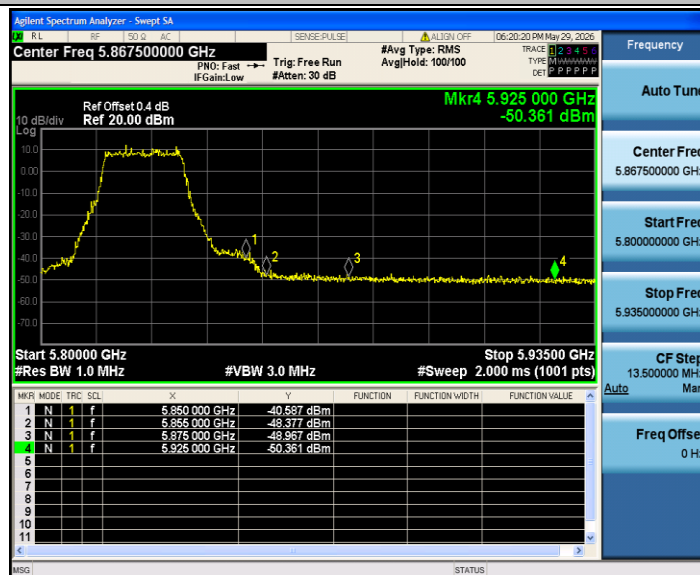
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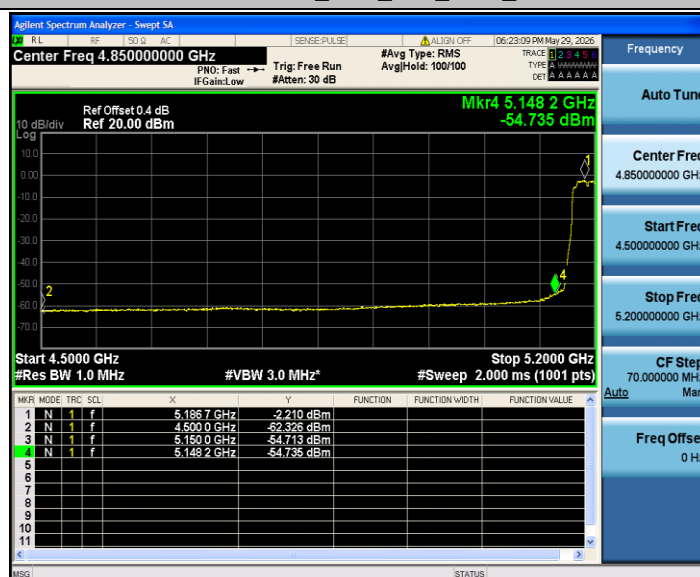
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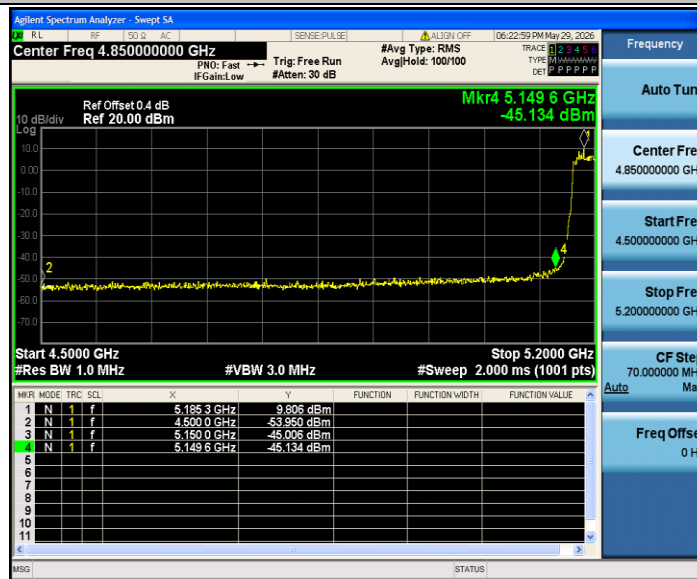
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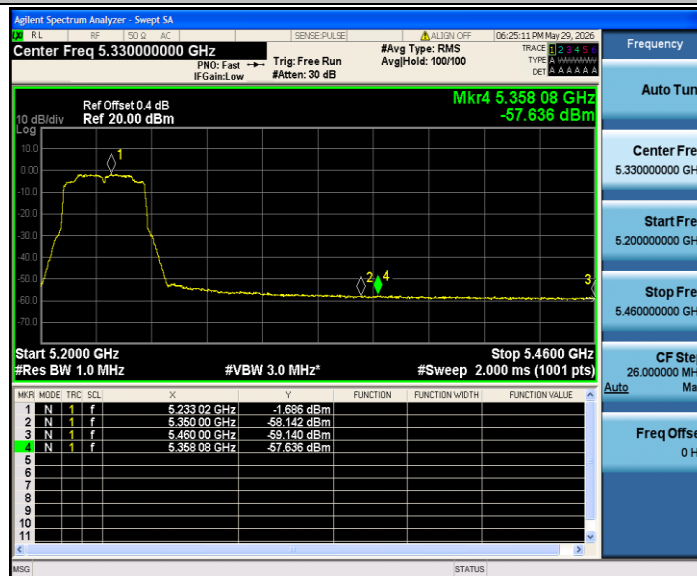
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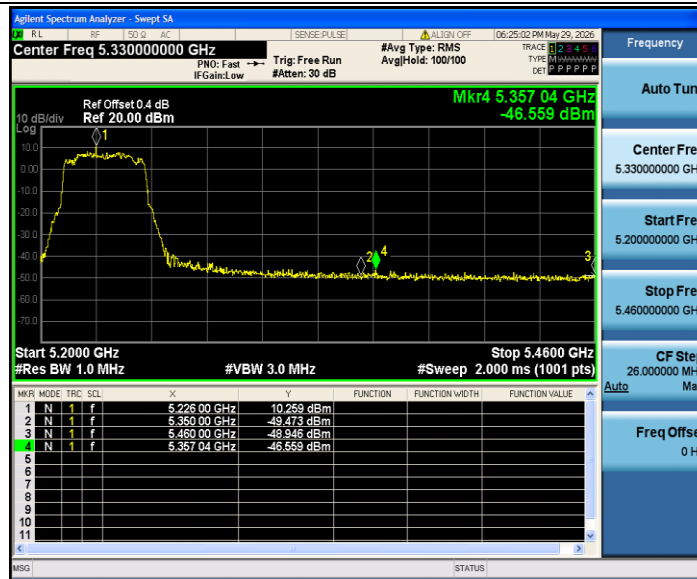
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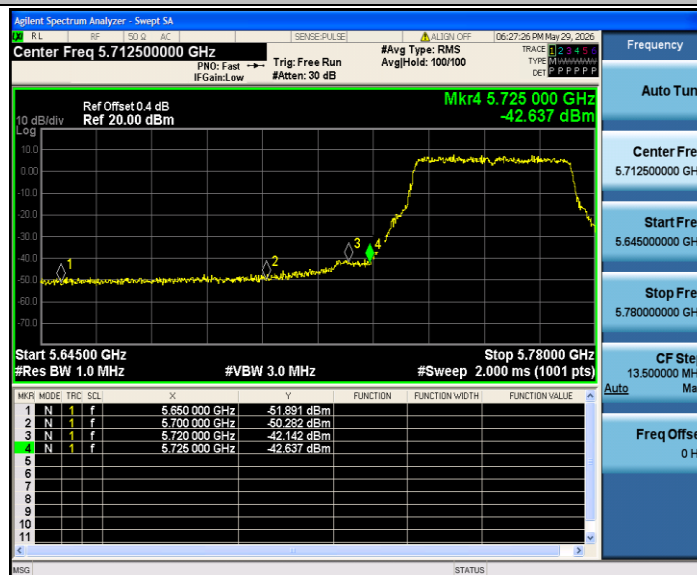
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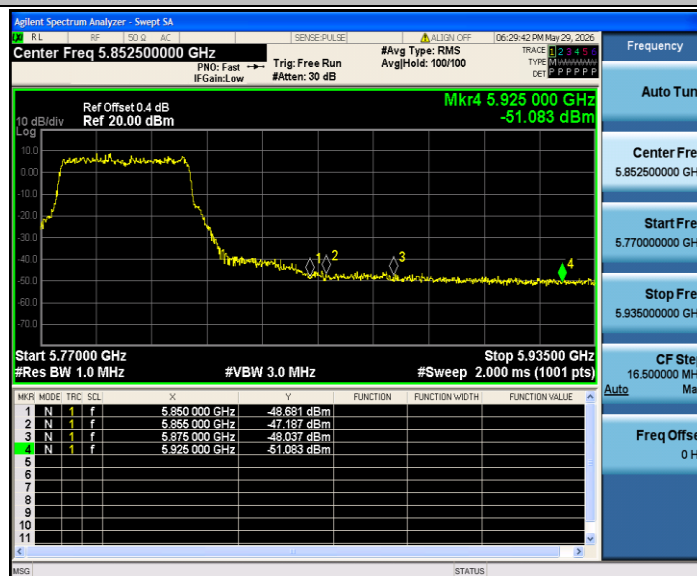
11AC40SISO_Ant1_High_5230_Peak



11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



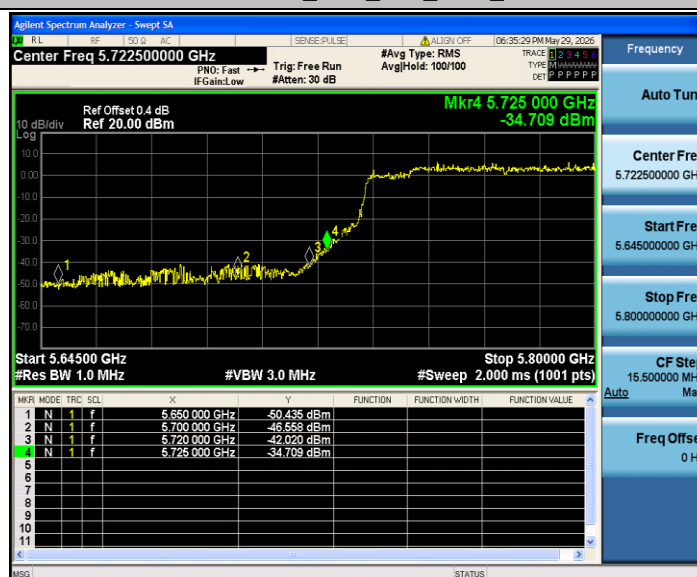
11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak

