

11AC80SISO_Ant2_5775_5925~40000



Appendix G: Emissions in Restricted Bands

Test Result

TestMode	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Low	5180	AV	4500.000	-62.41	3.72	0.08	-58.61	≤-41.20	PASS
			AV	5148.900	-50.81	3.72	0.08	-47.01	≤-41.20	PASS
			AV	5150.000	-50.19	3.72	0.08	-46.39	≤-41.20	PASS
			Peak	4500.000	-54.48	3.72	0.00	-50.76	≤-27.00	PASS
			Peak	5148.900	-39.88	3.72	0.00	-36.16	≤-27.00	PASS
			Peak	5150.000	-39.82	3.72	0.00	-36.1	≤-27.00	PASS
	High	5240	AV	5350.000	-61.21	3.72	0.06	-57.43	≤-41.20	PASS
			AV	5456.160	-60.37	3.72	0.06	-56.59	≤-41.20	PASS
			AV	5460.000	-61.08	3.72	0.06	-57.3	≤-41.20	PASS
			Peak	5350.000	-53.19	3.72	0.00	-49.47	≤-27.00	PASS
			Peak	5406.000	-50.33	3.72	0.00	-46.61	≤-27.00	PASS
			Peak	5460.000	-52.06	3.72	0.00	-48.34	≤-27.00	PASS
	Low	5745	Peak	5650.000	-49.423	2.41	0.00	-47.013	≤-27.00	PASS
			Peak	5700.000	-43.18	2.41	0.00	-40.77	≤10.00	PASS
			Peak	5720.000	-29.49	2.41	0.00	-27.08	≤15.60	PASS
			Peak	5725.000	-19.52	2.41	0.00	-17.11	≤27.00	PASS
	High	5825	Peak	5850.000	-33.601	2.41	0.00	-31.191	≤27.00	PASS
			Peak	5855.000	-36.39	2.41	0.00	-33.98	≤15.60	PASS
			Peak	5875.000	-48.69	2.41	0.00	-46.28	≤10.00	PASS
			Peak	5925.000	-51.29	2.41	0.00	-48.88	≤-27.00	PASS
11N20SI SO	Low	5180	AV	4500.000	-61.89	3.72	0.07	-58.1	≤-41.20	PASS
			AV	5149.600	-51.48	3.72	0.07	-47.69	≤-41.20	PASS
			AV	5150.000	-51.8	3.72	0.07	-48.01	≤-41.20	PASS
			Peak	4500.000	-53.52	3.72	0.00	-49.8	≤-27.00	PASS
			Peak	5148.900	-40.57	3.72	0.00	-36.85	≤-27.00	PASS
			Peak	5150.000	-41.11	3.72	0.00	-37.39	≤-27.00	PASS
	High	5240	AV	5350.000	-61.54	3.72	0.07	-57.75	≤-41.20	PASS
			AV	5447.760	-60.29	3.72	0.07	-56.5	≤-41.20	PASS
			AV	5460.000	-60.84	3.72	0.07	-57.05	≤-41.20	PASS
			Peak	5350.000	-52.14	3.72	0.00	-48.42	≤-27.00	PASS
			Peak	5398.080	-49.84	3.72	0.00	-46.12	≤-27.00	PASS
			Peak	5460.000	-52.22	3.72	0.00	-48.5	≤-27.00	PASS
	Low	5745	Peak	5650.000	-48.944	2.41	0.00	-46.534	≤-27.00	PASS
			Peak	5700.000	-42.54	2.41	0.00	-40.13	≤10.00	PASS
			Peak	5720.000	-26.27	2.41	0.00	-23.86	≤15.60	PASS
			Peak	5725.000	-17.24	2.41	0.00	-14.83	≤27.00	PASS

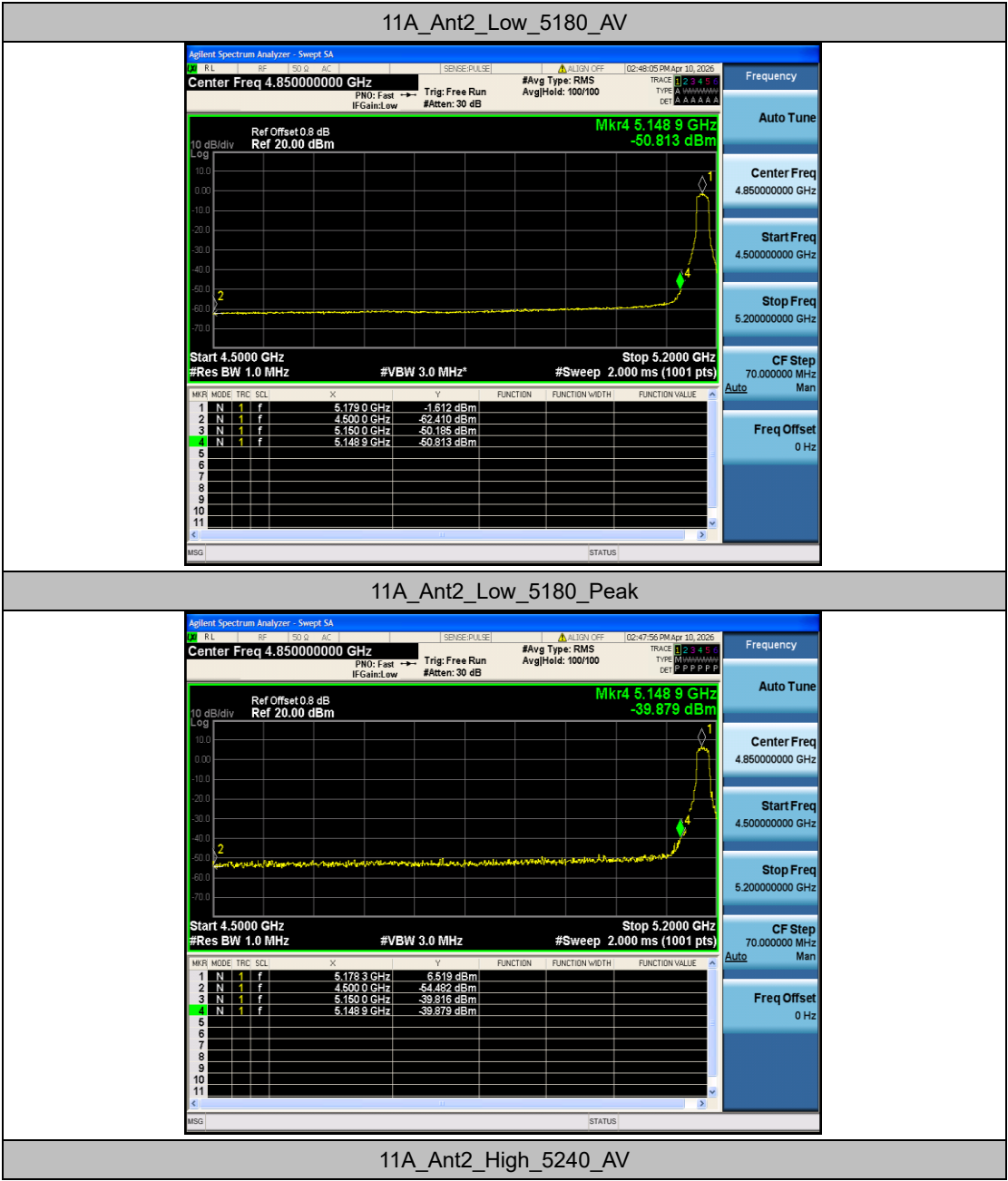
	High	5825	Peak	5850.000	-26.556	2.41	0.00	-24.146	≤27.00	PASS
			Peak	5855.000	-38.75	2.41	0.00	-36.34	≤15.60	PASS
			Peak	5875.000	-48.67	2.41	0.00	-46.26	≤10.00	PASS
			Peak	5925.000	-52.14	2.41	0.00	-49.73	≤-27.00	PASS
11N40SI SO	Low	5190	AV	4500.000	-62.26	3.72	0.14	-58.4	≤-41.20	PASS
			AV	5149.600	-52.8	3.72	0.14	-48.94	≤-41.20	PASS
			AV	5150.000	-52.54	3.72	0.14	-48.68	≤-41.20	PASS
			Peak	4500.000	-53.13	3.72	0.00	-49.41	≤-27.00	PASS
			Peak	5148.900	-41.36	3.72	0.00	-37.64	≤-27.00	PASS
			Peak	5150.000	-43.56	3.72	0.00	-39.84	≤-27.00	PASS
	High	5230	AV	5350.000	-59.8	3.72	0.14	-55.94	≤-41.20	PASS
			AV	5452.460	-50.03	3.72	0.14	-46.17	≤-41.20	PASS
			AV	5460.000	-54.75	3.72	0.14	-50.89	≤-41.20	PASS
			Peak	5350.000	-50.67	3.72	0.00	-46.95	≤-27.00	PASS
			Peak	5453.500	-40.89	3.72	0.00	-37.17	≤-27.00	PASS
			Peak	5460.000	-46.97	3.72	0.00	-43.25	≤-27.00	PASS
	Low	5755	Peak	5650.000	-47.933	2.41	0.00	-45.523	≤-27.00	PASS
			Peak	5700.000	-40.02	2.41	0.00	-37.61	≤10.00	PASS
			Peak	5720.000	-22.96	2.41	0.00	-20.55	≤15.60	PASS
			Peak	5725.000	-21.7	2.41	0.00	-19.29	≤27.00	PASS
	High	5795	Peak	5850.000	-44.034	2.41	0.00	-41.624	≤27.00	PASS
			Peak	5855.000	-43.56	2.41	0.00	-41.15	≤15.60	PASS
			Peak	5875.000	-49.9	2.41	0.00	-47.49	≤10.00	PASS
			Peak	5925.000	-50.91	2.41	0.00	-48.5	≤-27.00	PASS
11AC20S ISO	Low	5180	AV	4500.000	-62.06	3.72	0.07	-58.27	≤-41.20	PASS
			AV	5149.600	-52.7	3.72	0.07	-48.91	≤-41.20	PASS
			AV	5150.000	-52.46	3.72	0.07	-48.67	≤-41.20	PASS
			Peak	4500.000	-54.17	3.72	0.00	-50.45	≤-27.00	PASS
			Peak	5149.600	-41.28	3.72	0.00	-37.56	≤-27.00	PASS
			Peak	5150.000	-42.29	3.72	0.00	-38.57	≤-27.00	PASS
	High	5240	AV	5350.000	-60.96	3.72	0.07	-57.17	≤-41.20	PASS
			AV	5456.400	-60.41	3.72	0.07	-56.62	≤-41.20	PASS
			AV	5460.000	-61.05	3.72	0.07	-57.26	≤-41.20	PASS
			Peak	5350.000	-51.89	3.72	0.00	-48.17	≤-27.00	PASS
			Peak	5448.240	-48.91	3.72	0.00	-45.19	≤-27.00	PASS
			Peak	5460.000	-52.85	3.72	0.00	-49.13	≤-27.00	PASS
	Low	5745	Peak	5650.000	-48.44	2.41	0.00	-46.03	≤-27.00	PASS
			Peak	5700.000	-42.94	2.41	0.00	-40.53	≤10.00	PASS
			Peak	5720.000	-32.94	2.41	0.00	-30.53	≤15.60	PASS
			Peak	5725.000	-23.6	2.41	0.00	-21.19	≤27.00	PASS
	High	5825	Peak	5850.000	-31.954	2.41	0.00	-29.544	≤27.00	PASS
			Peak	5855.000	-44.27	2.41	0.00	-41.86	≤15.60	PASS
			Peak	5875.000	-48.53	2.41	0.00	-46.12	≤10.00	PASS

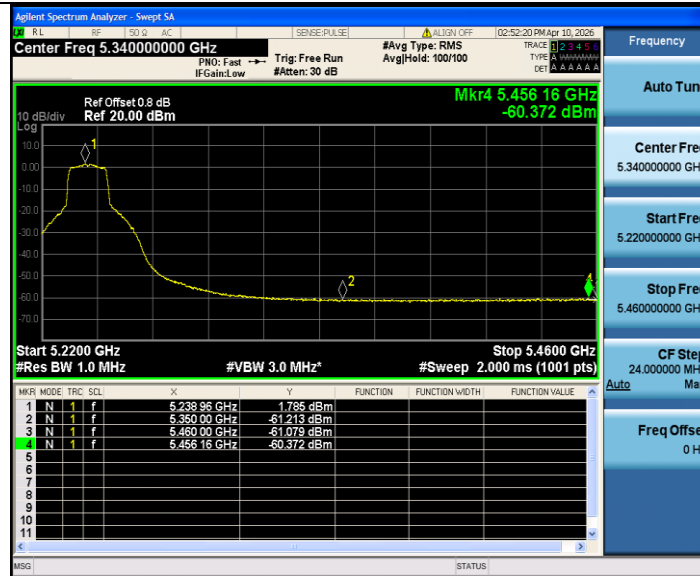
			Peak	5925.000	-51.77	2.41	0.00	-49.36	≤-27.00	PASS
11AC40S ISO	Low	5190	AV	4500.000	-62.54	3.72	0.18	-58.64	≤-41.20	PASS
			AV	5149.600	-52.09	3.72	0.18	-48.19	≤-41.20	PASS
			AV	5150.000	-51.67	3.72	0.18	-47.77	≤-41.20	PASS
			Peak	4500.000	-52.77	3.72	0.00	-49.05	≤-27.00	PASS
			Peak	5148.200	-42.04	3.72	0.00	-38.32	≤-27.00	PASS
			Peak	5150.000	-42.47	3.72	0.00	-38.75	≤-27.00	PASS
	High	5230	AV	5350.000	-60.18	3.72	0.14	-56.32	≤-41.20	PASS
			AV	5452.980	-50	3.72	0.14	-46.14	≤-41.20	PASS
			AV	5460.000	-54.66	3.72	0.14	-50.8	≤-41.20	PASS
			Peak	5350.000	-51.29	3.72	0.00	-47.57	≤-27.00	PASS
			Peak	5453.240	-40.83	3.72	0.00	-37.11	≤-27.00	PASS
			Peak	5460.000	-46.42	3.72	0.00	-42.7	≤-27.00	PASS
	Low	5755	Peak	5650.000	-47.652	2.41	0.00	-45.242	≤-27.00	PASS
			Peak	5700.000	-39.93	2.41	0.00	-37.52	≤10.00	PASS
			Peak	5720.000	-21.56	2.41	0.00	-19.15	≤15.60	PASS
			Peak	5725.000	-19.86	2.41	0.00	-17.45	≤27.00	PASS
	High	5795	Peak	5850.000	-44.477	2.41	0.00	-42.067	≤27.00	PASS
			Peak	5855.000	-44.97	2.41	0.00	-42.56	≤15.60	PASS
			Peak	5875.000	-47.47	2.41	0.00	-45.06	≤10.00	PASS
			Peak	5925.000	-51.35	2.41	0.00	-48.94	≤-27.00	PASS
11AC80S ISO	Low	5210	AV	4500.000	-62.41	3.72	0.37	-59.09	≤-41.20	PASS
			AV	5148.750	-51.23	3.72	0.37	-49.47	≤-41.20	PASS
			AV	5150.000	-51.57	3.72	0.37	-50.57	≤-41.20	PASS
			Peak	4500.000	-53.82	3.72	0.00	-52.66	≤-27.00	PASS
			Peak	5130.750	-40.97	3.72	0.00	-37.01	≤-27.00	PASS
			Peak	5150.000	-41.91	3.72	0.00	-41.77	≤-27.00	PASS
	High	5210	AV	5350.000	-60.71	3.72	0.37	-54.91	≤-41.20	PASS
			AV	5355.560	-60.16	3.72	0.37	-54.23	≤-41.20	PASS
			AV	5460.000	-60.41	3.72	0.37	-55.97	≤-41.20	PASS
			Peak	5350.000	-50.92	3.72	0.00	-45.04	≤-27.00	PASS
			Peak	5447.120	-50.14	3.72	0.00	-44.02	≤-27.00	PASS
			Peak	5460.000	-52.2	3.72	0.00	-48.91	≤-27.00	PASS
	Low	5775	Peak	5650.000	-47.308	2.41	0.00	-48.633	≤-27.00	PASS
			Peak	5700.000	-36.16	2.41	0.00	-38.28	≤10.00	PASS
			Peak	5720.000	-31.48	2.41	0.00	-41.11	≤15.60	PASS
			Peak	5725.000	-33.42	2.41	0.00	-32.6	≤27.00	PASS
	High	5775	Peak	5850.000	-39.318	2.41	0.00	-43.988	≤27.00	PASS
			Peak	5855.000	-40.32	2.41	0.00	-38.7	≤15.60	PASS
			Peak	5875.000	-46.55	2.41	0.00	-43.57	≤10.00	PASS
			Peak	5925.000	-51.53	2.41	0.00	-48.79	≤-27.00	PASS

Note:

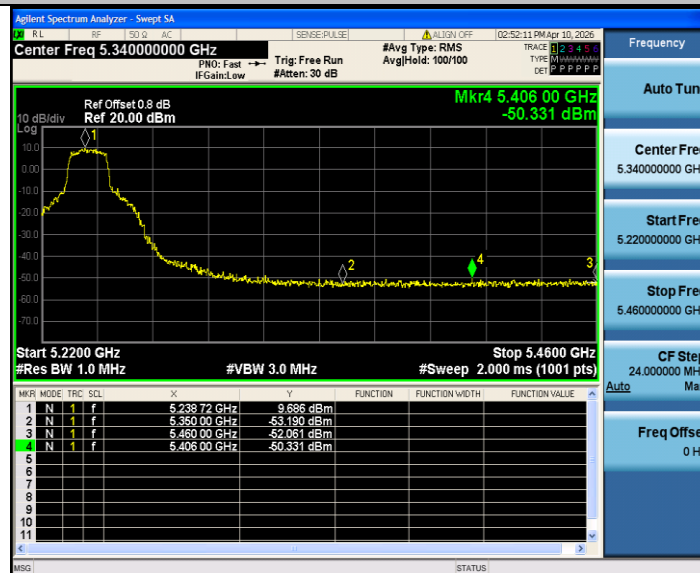
For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11A_Ant2_High_5240_Peak



11A_Ant2_Low_5745_Peak



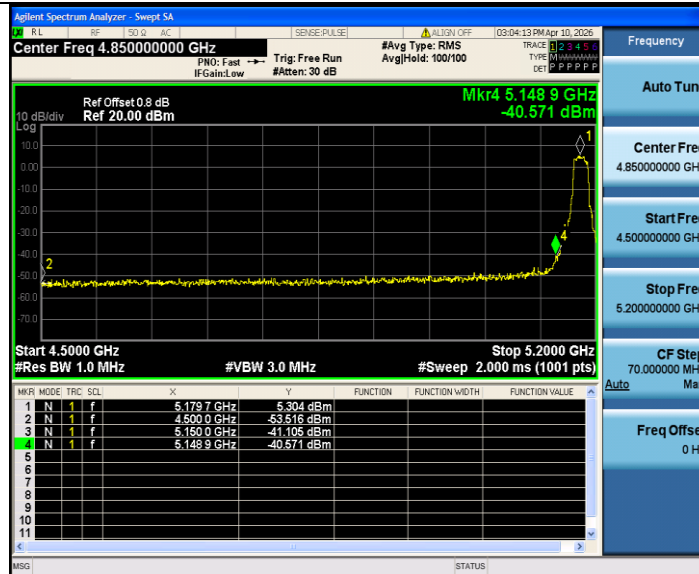
11A_Ant2_High_5825_Peak



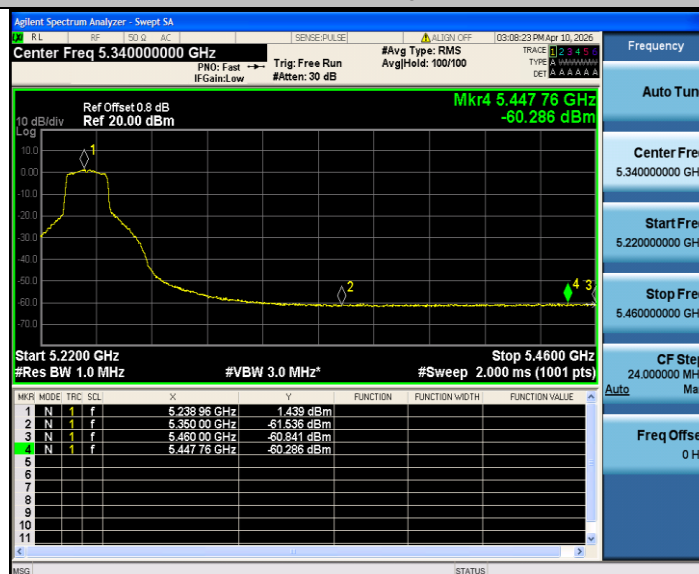
11N20SISO_Ant2_Low_5180_AV



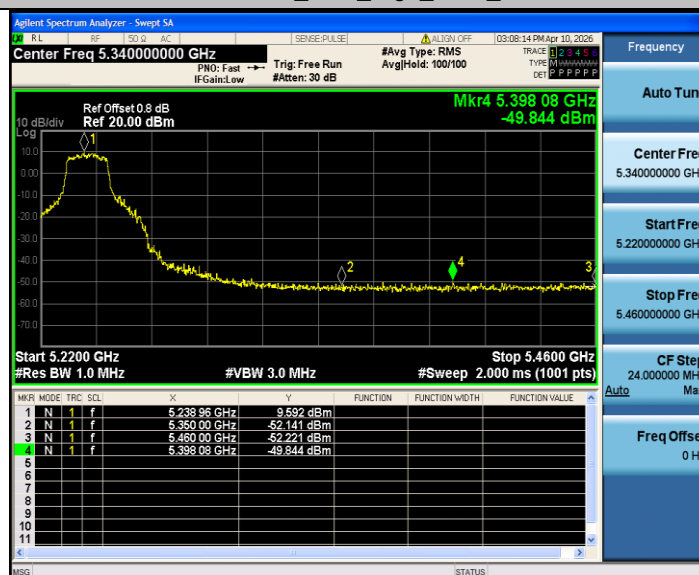
11N20SISO_Ant2_Low_5180_Peak



11N20SISO_Ant2_High_5240_AV



11N20SISO_Ant2_High_5240_Peak



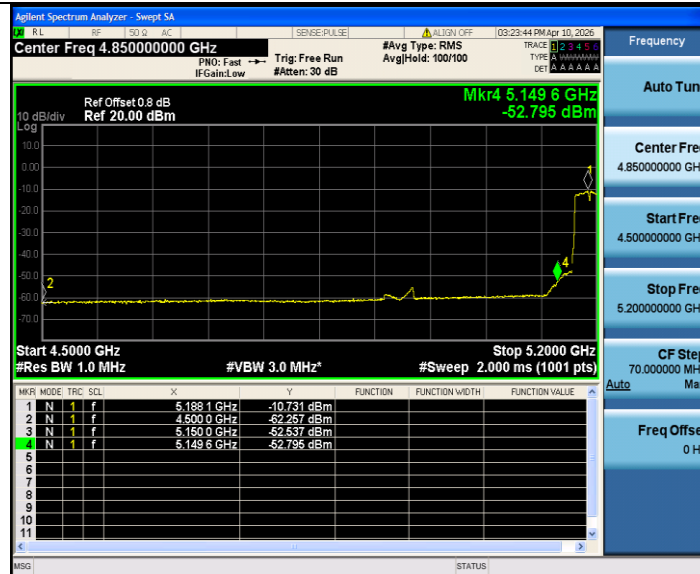
11N20SISO_Ant2_Low_5745_Peak



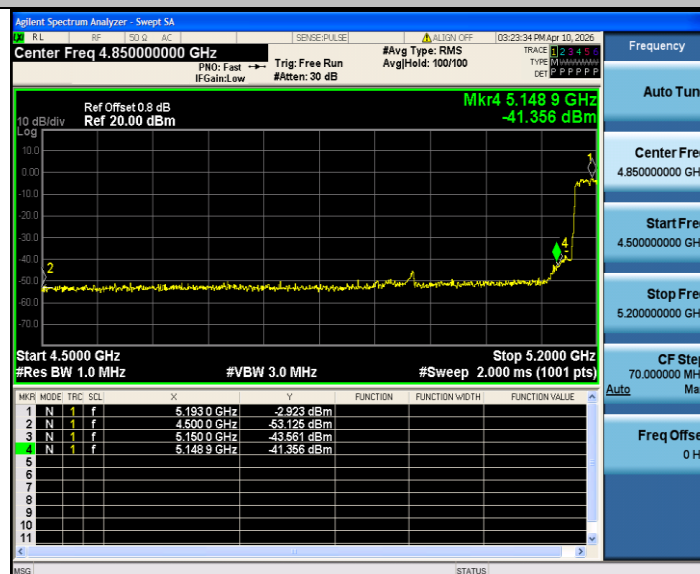
11N20SISO_Ant2_High_5825_Peak



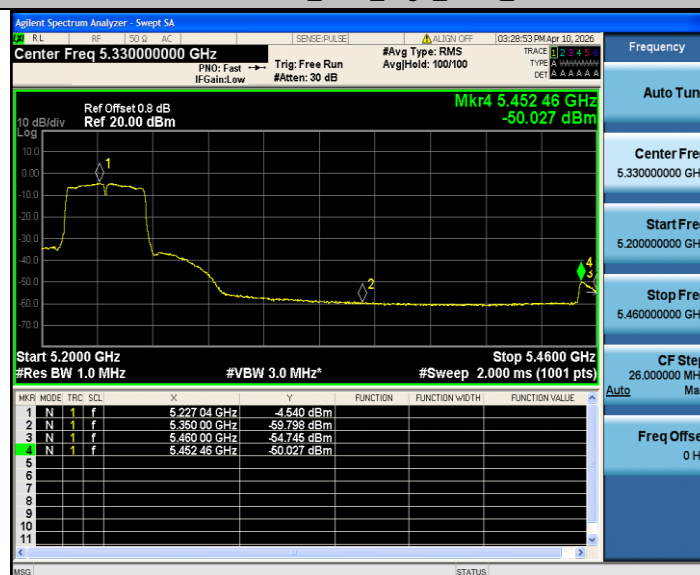
11N40SISO_Ant2_Low_5190_AV



11N40SISO_Ant2_Low_5190_Peak



11N40SISO_Ant2_High_5230_AV



11N40SISO_Ant2_High_5230_Peak



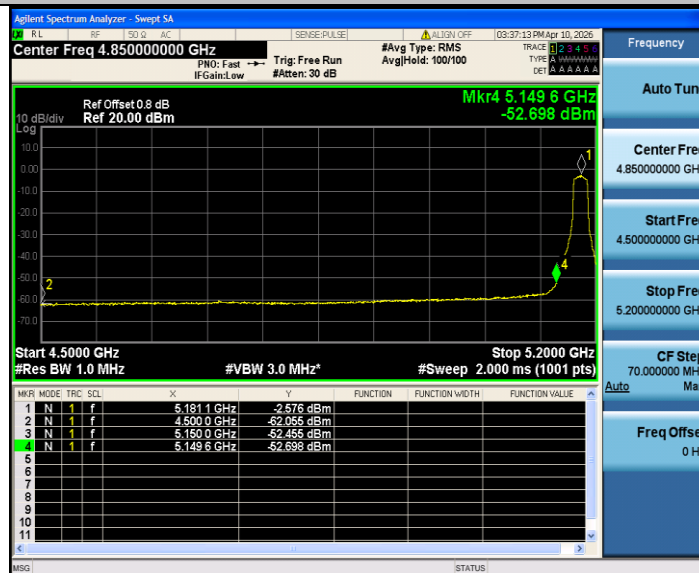
11N40SISO_Ant2_Low_5755_Peak



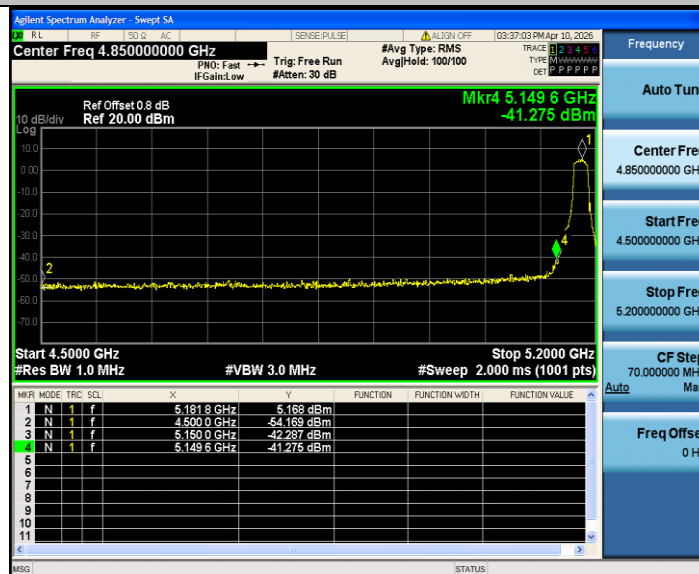
11N40SISO_Ant2_High_5795_Peak



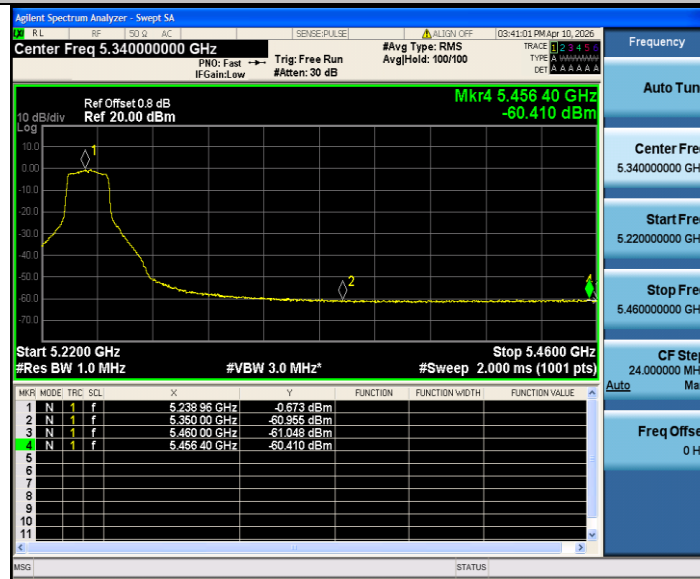
11AC20SISO_Ant2_Low_5180_AV



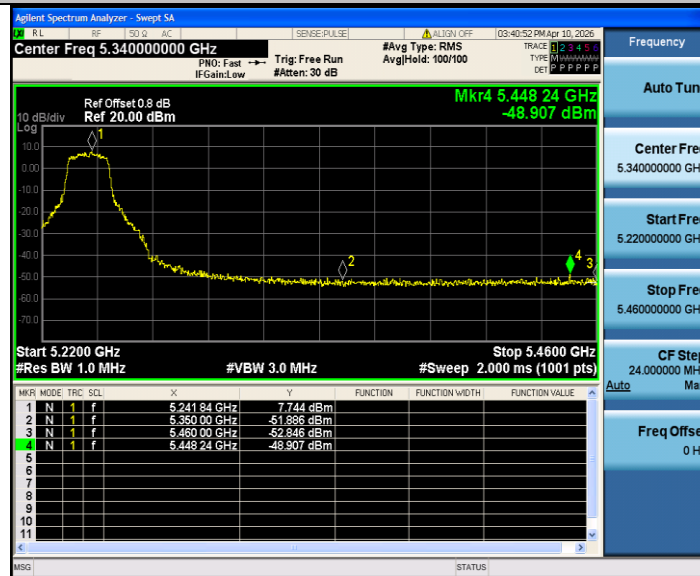
11AC20SISO_Ant2_Low_5180_Peak



11AC20SISO_Ant2_High_5240_AV



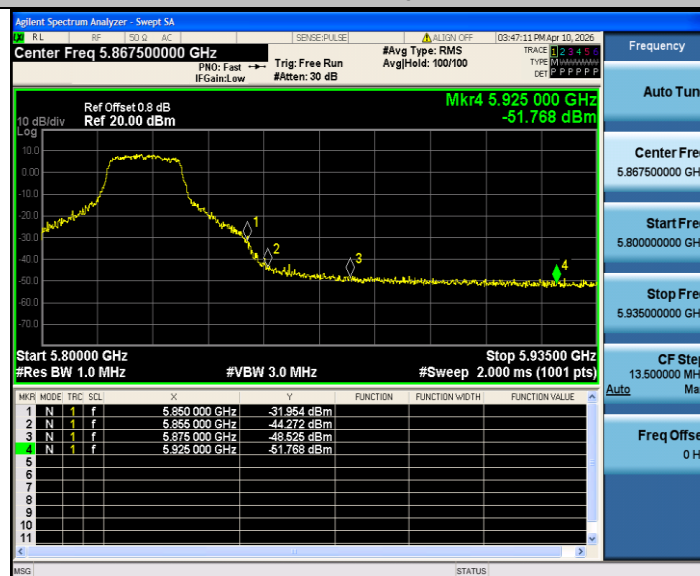
11AC20SISO_Ant2_High_5240_Peak



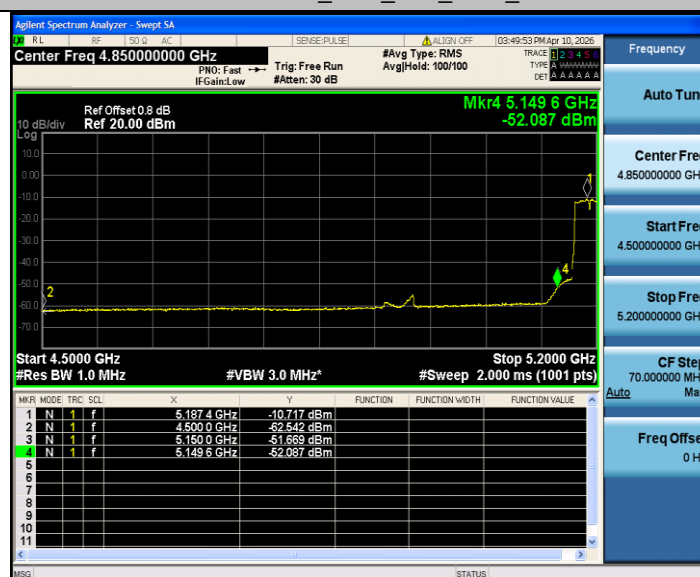
11AC20SISO_Ant2_Low_5745_Peak



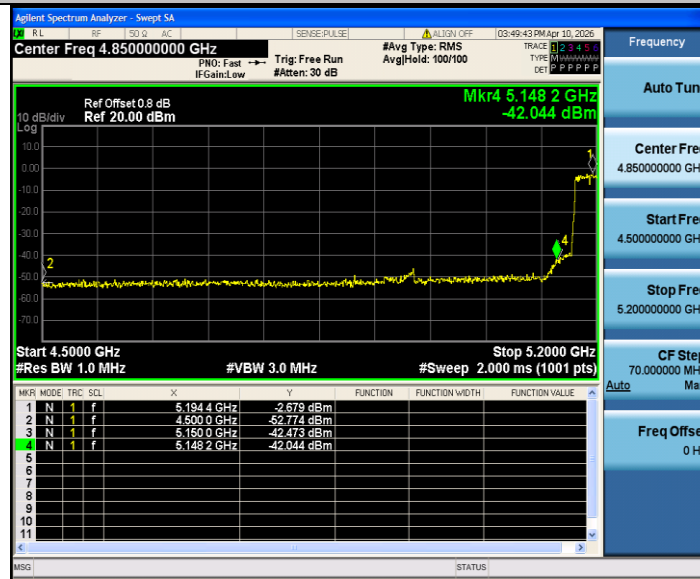
11AC20SISO_Ant2_High_5825_Peak



11AC40SISO_Ant2_Low_5190_AV



11AC40SISO_Ant2_Low_5190_Peak



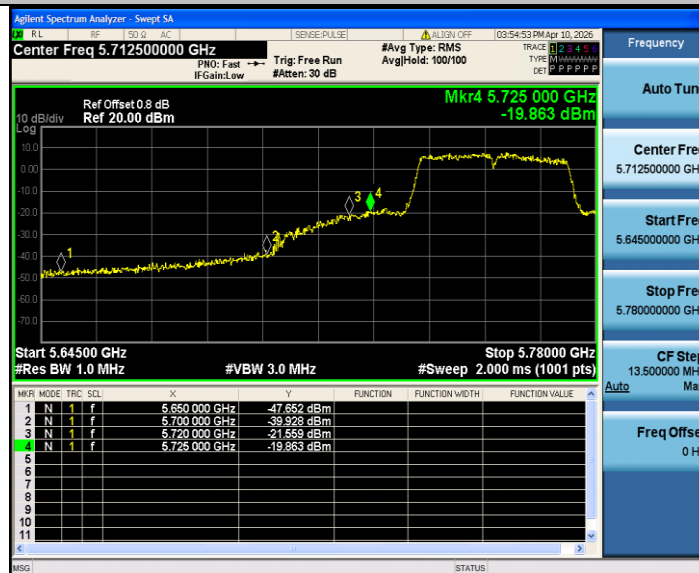
11AC40SISO_Ant2_High_5230_AV



11AC40SISO_Ant2_High_5230_Peak



11AC40SISO_Ant2_Low_5755_Peak



11AC40SISO_Ant2_High_5795_Peak



11AC80SISO_Ant2_Low_5210_AV



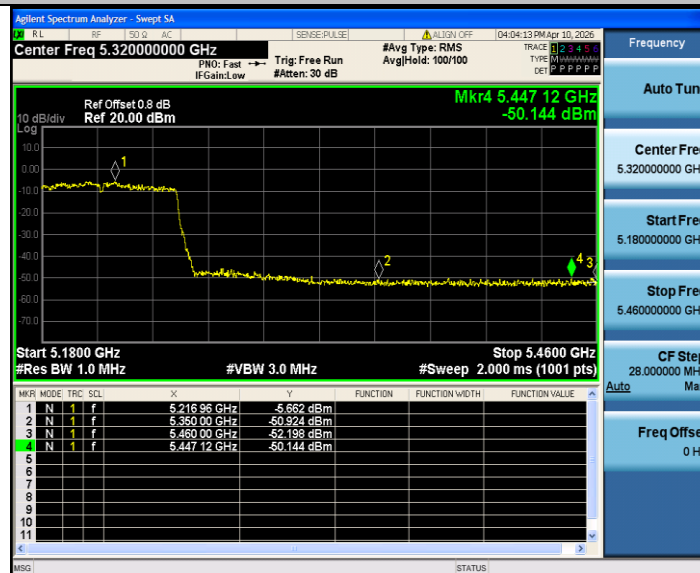
11AC80SISO_Ant2_Low_5210_Peak



11AC80SISO_Ant2_High_5210_AV



11AC80SISO_Ant2_High_5210_Peak



11AC80SISO_Ant2_Low_5775_Peak



11AC80SISO_Ant2_High_5775_Peak

