

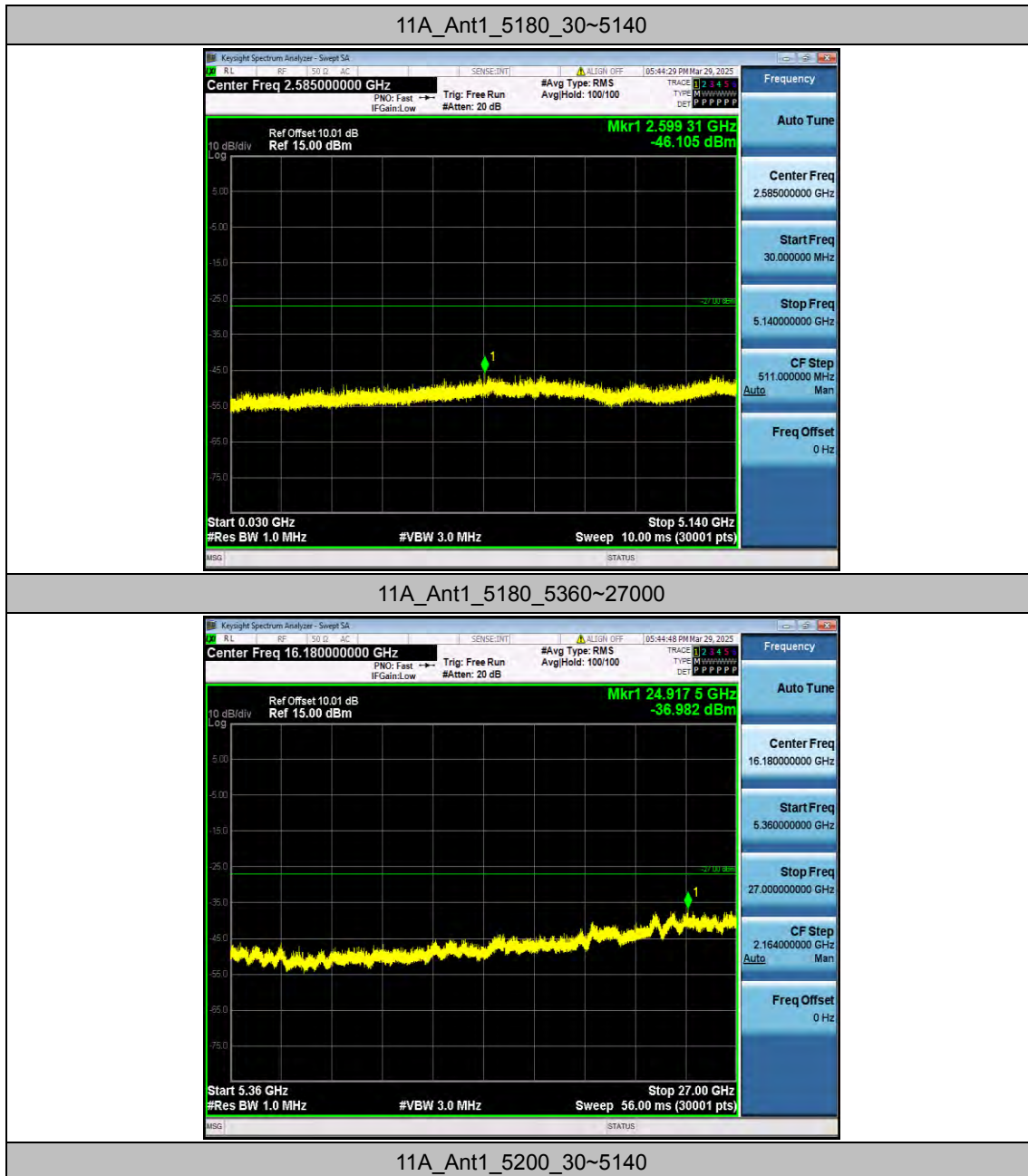
Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2599.31	-46.11	≤-27	PASS
			5360~27000	24917.51	-36.98	≤-27	PASS
		5200	30~5140	5057.39	-46.45	≤-27	PASS
			5360~27000	26518.15	-37.21	≤-27	PASS
		5240	30~5140	31.87	-40.63	≤-27	PASS
			5360~27000	24284.9	-36.92	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4934.75	-46.48	≤-27	PASS
			5360~27000	26891.8	-36.85	≤-27	PASS
		5200	30~5140	3287.97	-46.13	≤-27	PASS
			5360~27000	24297.16	-36.13	≤-27	PASS
		5240	30~5140	3296.31	-45.87	≤-27	PASS
			5360~27000	24812.92	-37.09	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4799.84	-45.45	≤-27	PASS
			5360~27000	25160.6	-37.1	≤-27	PASS
		5230	30~5140	3181.51	-45.4	≤-27	PASS
			5360~27000	24277.69	-36.5	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	4797.46	-45.45	≤-27	PASS
			5360~27000	23545.53	-36.93	≤-27	PASS
		5200	30~5140	3188.32	-45.47	≤-27	PASS
			5360~27000	26479.92	-37.24	≤-27	PASS
		5240	30~5140	4931.85	-46.01	≤-27	PASS
			5360~27000	24260.38	-37.43	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	4800.01	-43.86	≤-27	PASS
			5360~27000	24284.18	-37.18	≤-27	PASS
		5230	30~5140	4800.01	-45.28	≤-27	PASS
			5360~27000	23492.88	-37.34	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	4932.19	-46.36	≤-27	PASS
			5360~27000	26073.81	-37.47	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4920.61	-45.99	≤-27	PASS
			5360~27000	24160.11	-37.23	≤-27	PASS
		5200	30~5140	4919.25	-45.89	≤-27	PASS
			5360~27000	24894.43	-37.23	≤-27	PASS
		5240	30~5140	4769.18	-45.64	≤-27	PASS
			5360~27000	25618.65	-37.38	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	4900.85	-45.54	≤-27	PASS

			5360~27000	24243.06	-36.71	≤ -27	PASS
		5230	30~5140	3131.77	-45.59	≤ -27	PASS
			5360~27000	26704.97	-37.55	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	4800.19	-45.75	≤ -27	PASS
			5360~27000	24321.69	-37.28	≤ -27	PASS

Test Graphs



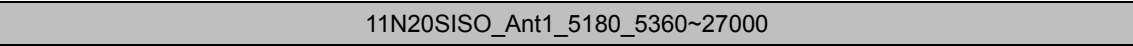
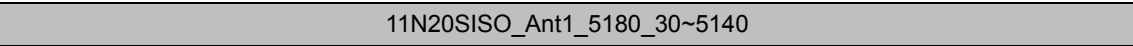


11A_Ant1_5200_5360~27000



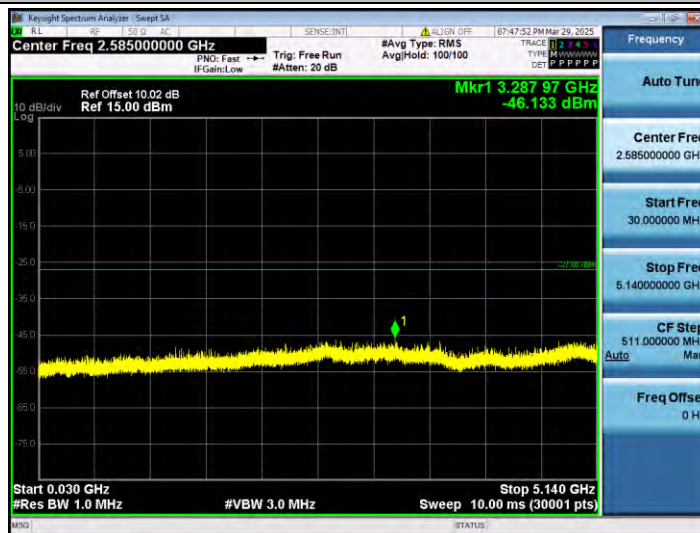
11A_Ant1_5240_30~5140



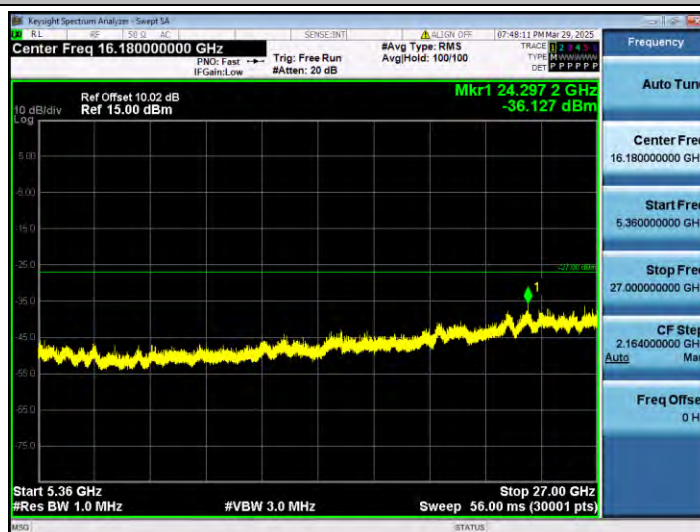




11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



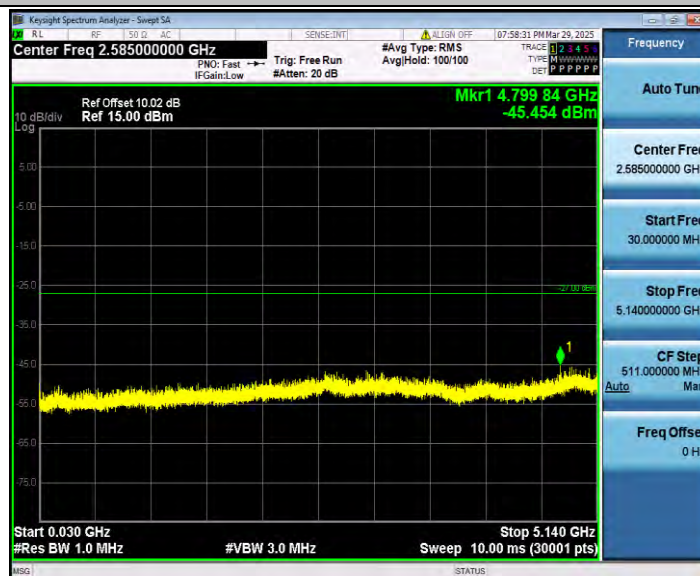
11N20SISO_Ant1_5240_30~5140

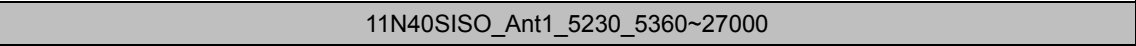
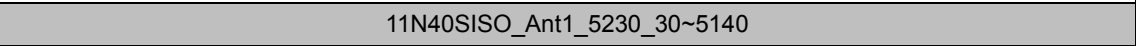


11N20SISO_Ant1_5240_5360~27000



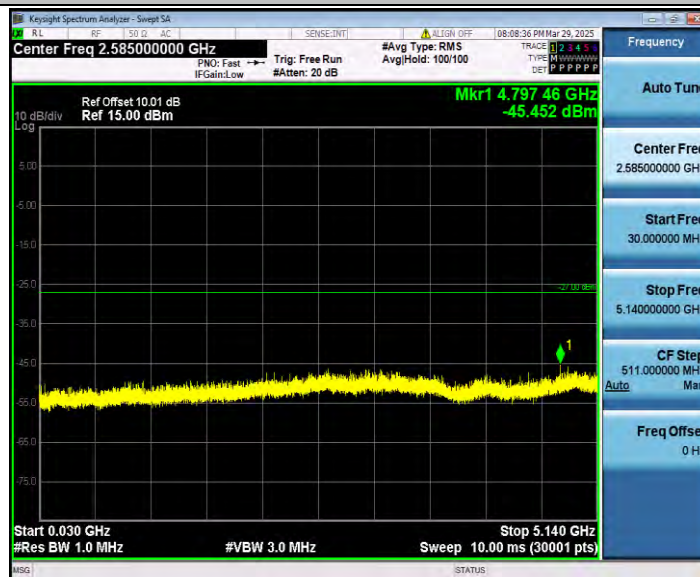
11N40SISO_Ant1_5190_30~5140



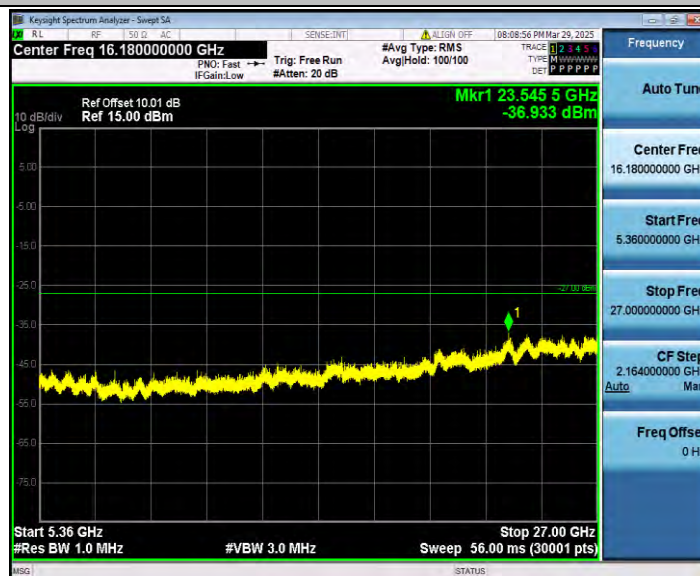




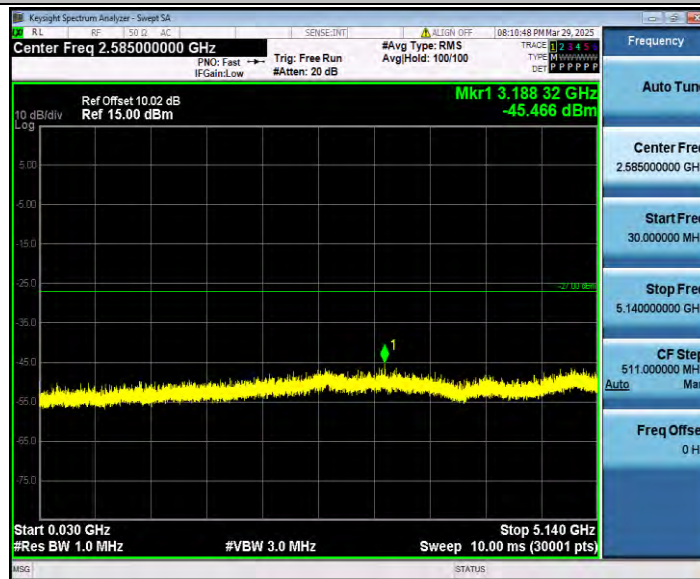
11AC20SISO_Ant1_5180_30~5140



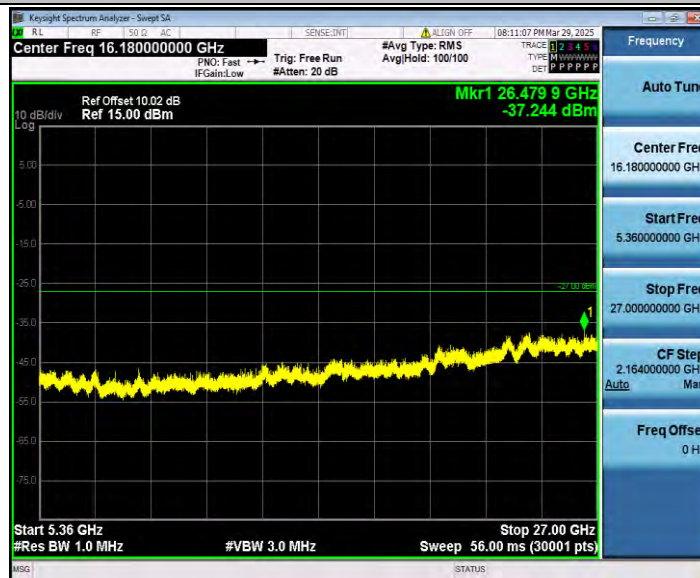
11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



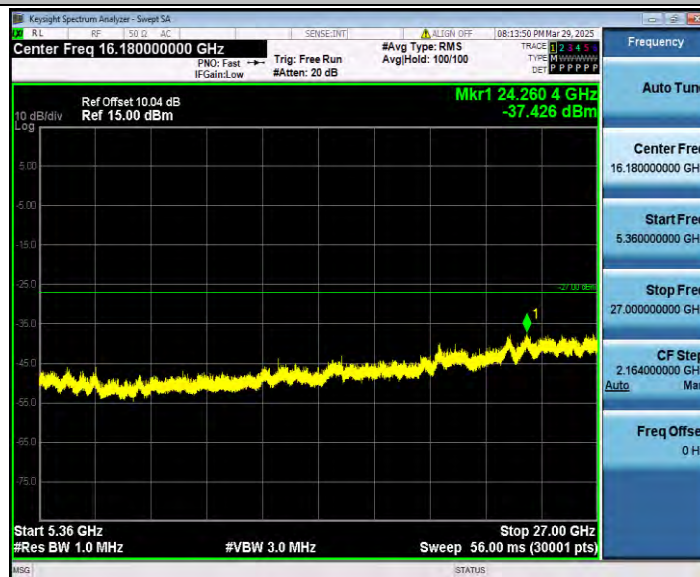
11AC20SISO_Ant1_5200_5360~27000



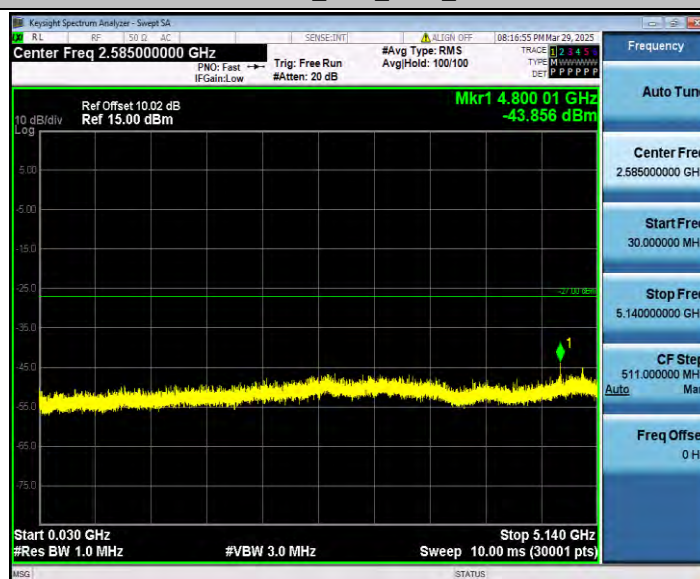
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



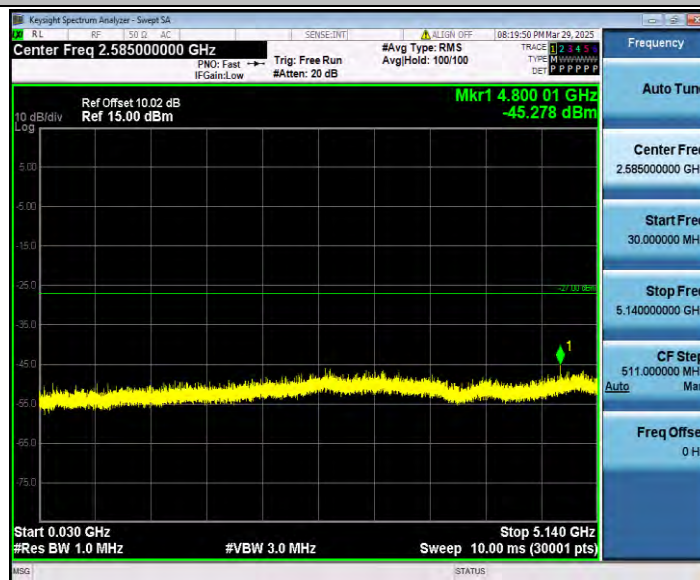
11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



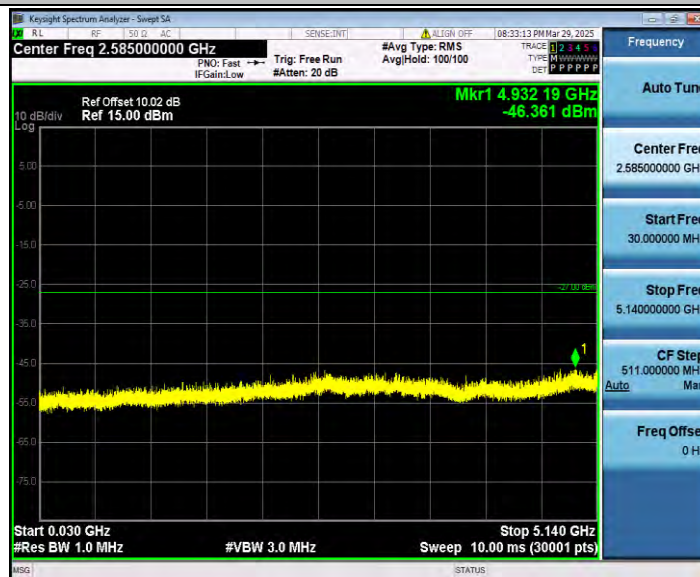
11AC40SISO_Ant1_5230_30~5140



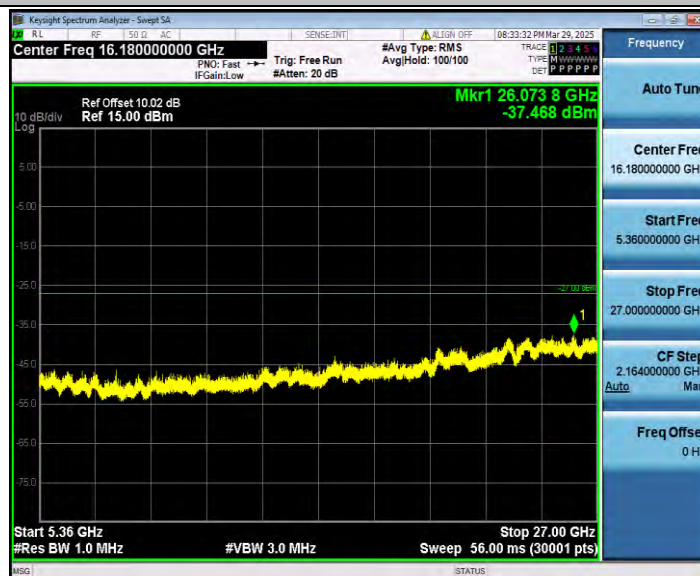
11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



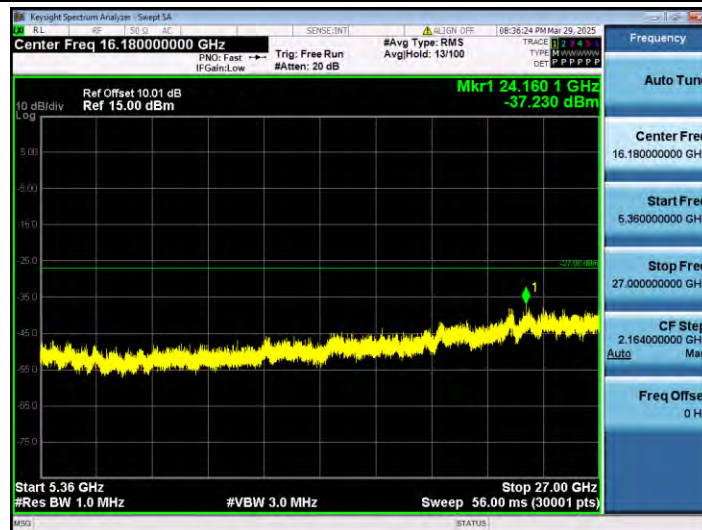
11AC80SISO_Ant1_5210_5360~27000



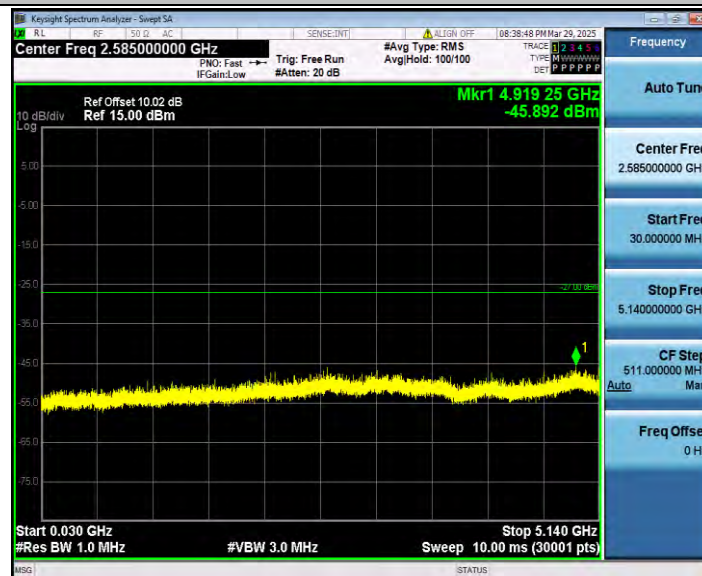
11AX20SISO_Ant1_5180_30~5140



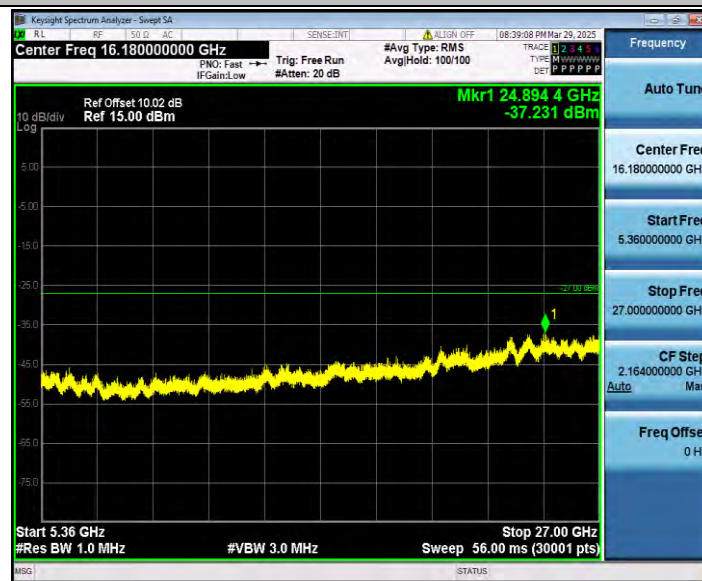
11AX20SISO_Ant1_5180_5360~27000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~27000



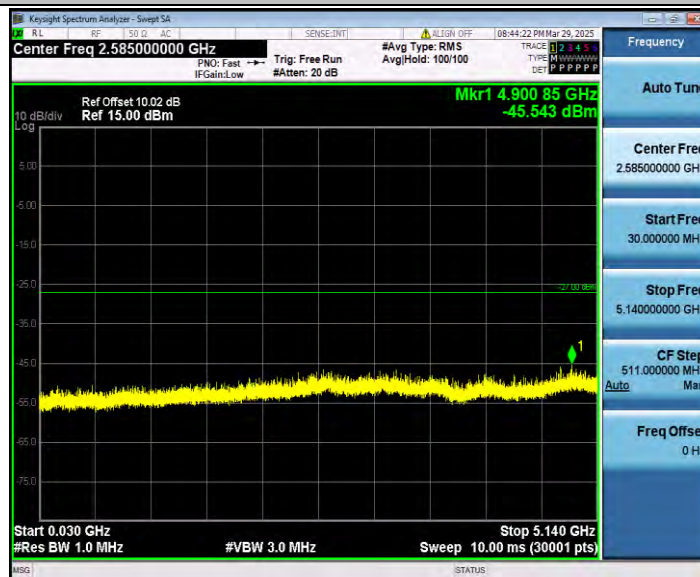
11AX20SISO_Ant1_5240_30~5140



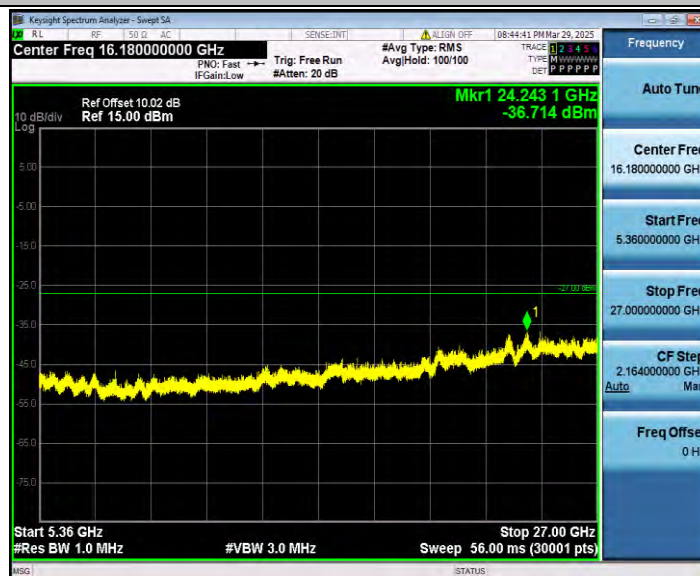
11AX20SISO_Ant1_5240_5360~27000



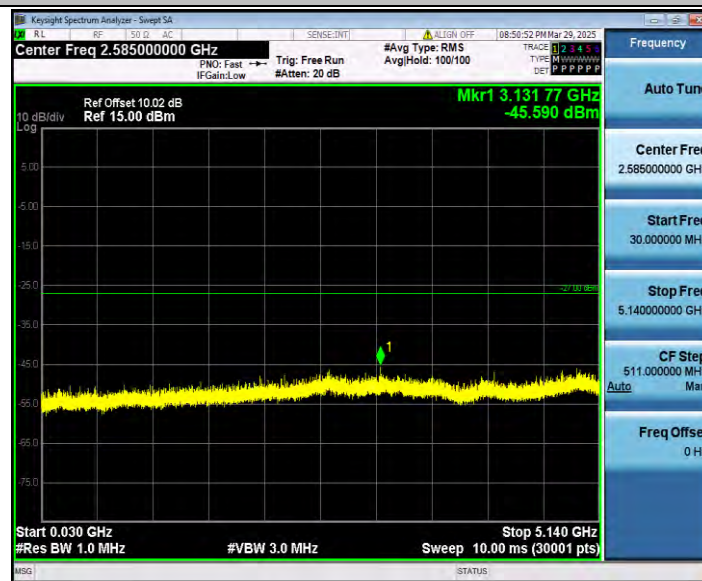
11AX40SISO_Ant1_5190_30~5140



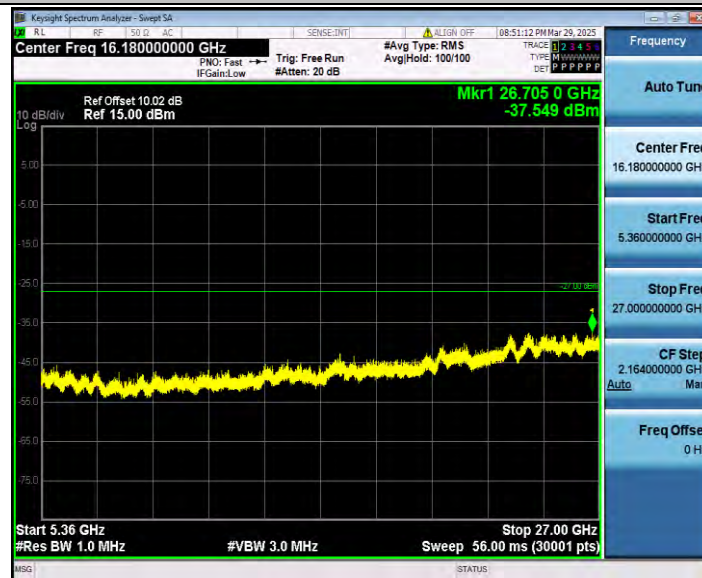
11AX40SISO_Ant1_5190_5360~27000



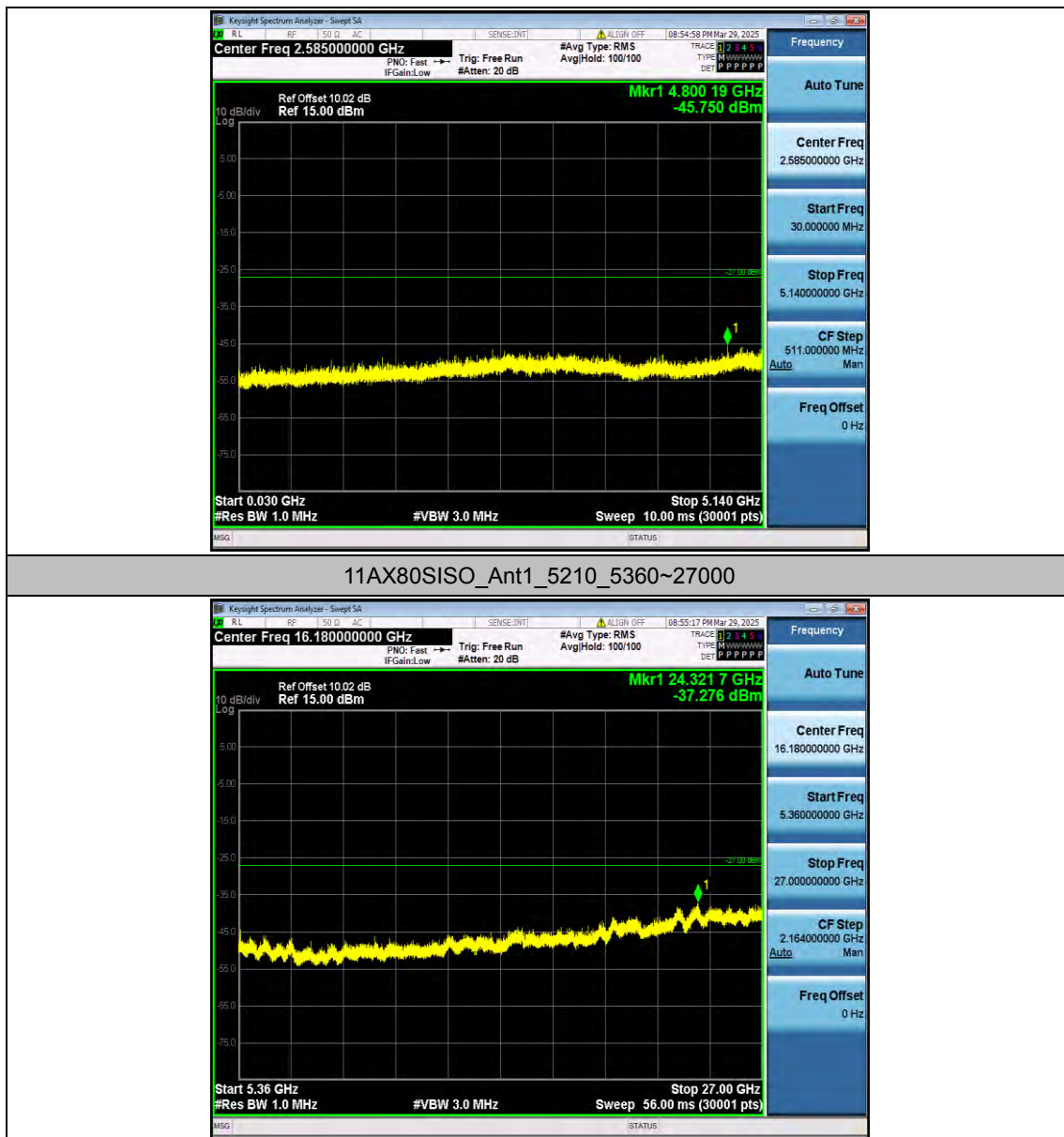
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



Appendix D.8: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.84	≤-41.20	47.36	≤54	PASS
				AV	4945.900	-45.48	≤-41.20	49.72	≤54	PASS
				AV	5150.000	-46.9	≤-41.20	48.30	≤54	PASS
				Peak	4500.000	-40.29	≤-21.20	54.91	≤74	PASS
				Peak	5035.500	-35.53	≤-21.20	59.67	≤74	PASS
				Peak	5150.000	-39.51	≤-21.20	55.69	≤74	PASS
		High	5240	AV	5350.000	-46.81	≤-41.20	48.39	≤54	PASS
				AV	5451.600	-45.77	≤-41.20	49.43	≤54	PASS
				AV	5460.000	-45.97	≤-41.20	49.23	≤54	PASS
				Peak	5350.000	-39.78	≤-21.20	55.42	≤74	PASS
				Peak	5385.360	-35.35	≤-21.20	59.85	≤74	PASS
				Peak	5460.000	-38.29	≤-21.20	56.91	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.87	≤-41.20	47.33	≤54	PASS
				AV	4938.900	-45.45	≤-41.20	49.75	≤54	PASS
				AV	5150.000	-46.97	≤-41.20	48.23	≤54	PASS
				Peak	4500.000	-40.73	≤-21.20	54.47	≤74	PASS
				Peak	4952.900	-35.59	≤-21.20	59.61	≤74	PASS
				Peak	5150.000	-40.19	≤-21.20	55.01	≤74	PASS
		High	5240	AV	5350.000	-46.81	≤-41.20	48.39	≤54	PASS
				AV	5444.880	-45.69	≤-41.20	49.51	≤54	PASS
				AV	5460.000	-46.08	≤-41.20	49.12	≤54	PASS
				Peak	5350.000	-38.69	≤-21.20	56.51	≤74	PASS
				Peak	5458.320	-35.58	≤-21.20	59.62	≤74	PASS
				Peak	5460.000	-39.38	≤-21.20	55.82	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	4799.600	-44.69	≤-41.20	50.51	≤54	PASS
				AV	5150.000	-46.47	≤-41.20	48.73	≤54	PASS
				Peak	4500.000	-40.18	≤-21.20	55.02	≤74	PASS
				Peak	4817.800	-35.38	≤-21.20	59.82	≤74	PASS
				Peak	5150.000	-36.98	≤-21.20	58.22	≤74	PASS
		High	5230	AV	5350.000	-46.73	≤-41.20	48.47	≤54	PASS
				AV	5455.060	-45.62	≤-41.20	49.58	≤54	PASS
				AV	5460.000	-45.73	≤-41.20	49.47	≤54	PASS
				Peak	5350.000	-39.79	≤-21.20	55.41	≤74	PASS
				Peak	5432.440	-35.6	≤-21.20	59.60	≤74	PASS
				Peak	5460.000	-38.33	≤-21.20	56.87	≤74	PASS

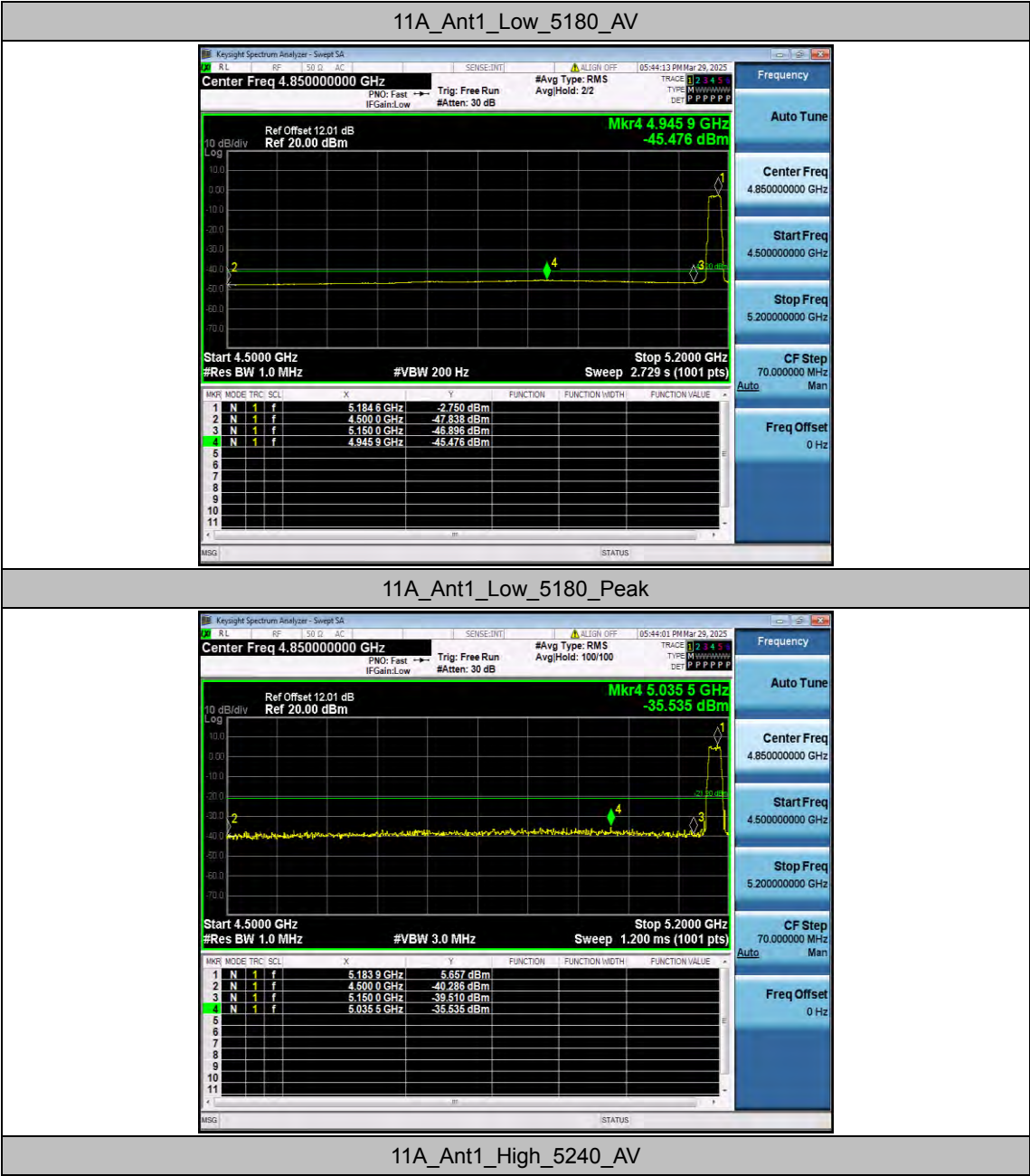
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.84	≤-41.20	47.36	≤54	PASS
				AV	4938.900	-45.48	≤-41.20	49.72	≤54	PASS
				AV	5150.000	-47.04	≤-41.20	48.16	≤54	PASS
				Peak	4500.000	-40.68	≤-21.20	54.52	≤74	PASS
				Peak	4938.200	-35.58	≤-21.20	59.62	≤74	PASS
				Peak	5150.000	-38.74	≤-21.20	56.46	≤74	PASS
		High	5240	AV	5350.000	-46.83	≤-41.20	48.37	≤54	PASS
				AV	5454.240	-45.74	≤-41.20	49.46	≤54	PASS
				AV	5460.000	-45.83	≤-41.20	49.37	≤54	PASS
				Peak	5350.000	-39.22	≤-21.20	55.98	≤74	PASS
				Peak	5440.320	-35.82	≤-21.20	59.38	≤74	PASS
				Peak	5460.000	-38.87	≤-21.20	56.33	≤74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.86	≤-41.20	47.34	≤54	PASS
				AV	4800.300	-44.79	≤-41.20	50.41	≤54	PASS
				AV	5150.000	-46.82	≤-41.20	48.38	≤54	PASS
				Peak	4500.000	-42.04	≤-21.20	53.16	≤74	PASS
				Peak	4892.000	-35.12	≤-21.20	60.08	≤74	PASS
				Peak	5150.000	-39.68	≤-21.20	55.52	≤74	PASS
		High	5230	AV	5350.000	-46.88	≤-41.20	48.32	≤54	PASS
				AV	5434.260	-45.73	≤-41.20	49.47	≤54	PASS
				AV	5460.000	-46.05	≤-41.20	49.15	≤54	PASS
				Peak	5350.000	-37.47	≤-21.20	57.73	≤74	PASS
				Peak	5443.100	-34.8	≤-21.20	60.40	≤74	PASS
				Peak	5460.000	-37.69	≤-21.20	57.51	≤74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.92	≤-41.20	47.28	≤54	PASS
				AV	4800.000	-44.92	≤-41.20	50.28	≤54	PASS
				AV	5150.000	-46.43	≤-41.20	48.77	≤54	PASS
				Peak	4500.000	-38.74	≤-21.20	56.46	≤74	PASS
				Peak	4933.500	-34.8	≤-21.20	60.40	≤74	PASS
				Peak	5150.000	-39.31	≤-21.20	55.89	≤74	PASS
		High	5210	AV	5350.000	-46.91	≤-41.20	48.29	≤54	PASS
				AV	5454.120	-45.78	≤-41.20	49.42	≤54	PASS
				AV	5460.000	-45.81	≤-41.20	49.39	≤54	PASS
				Peak	5350.000	-40.14	≤-21.20	55.06	≤74	PASS
				Peak	5452.160	-35.39	≤-21.20	59.81	≤74	PASS
				Peak	5460.000	-38.27	≤-21.20	56.93	≤74	PASS
11AX20SI SO	Ant1	Low	5180	AV	4500.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	4942.400	-45.46	≤-41.20	49.74	≤54	PASS
				AV	5150.000	-46.96	≤-41.20	48.24	≤54	PASS
				Peak	4500.000	-38.43	≤-21.20	56.77	≤74	PASS
				Peak	5040.400	-35.12	≤-21.20	60.08	≤74	PASS
				Peak	5150.000	-38.84	≤-21.20	56.36	≤74	PASS
		High	5240	AV	5350.000	-46.82	≤-41.20	48.38	≤54	PASS

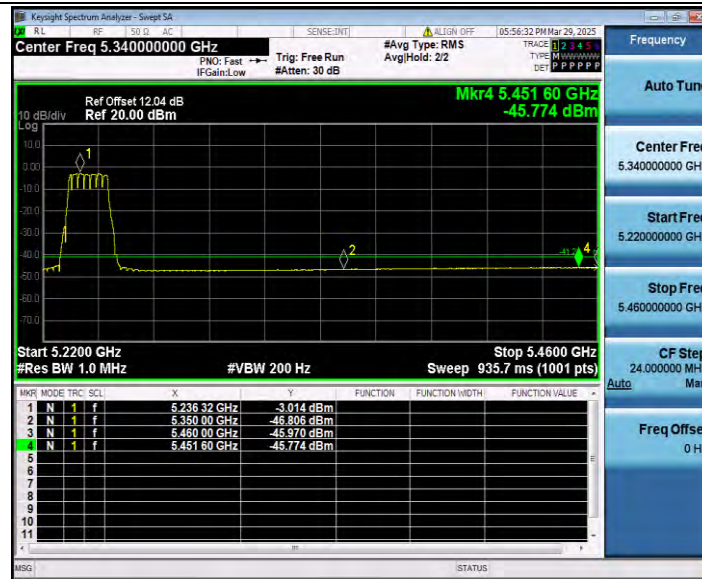
				AV	5452.320	-45.74	≤ -41.20	49.46	≤ 54	PASS
				AV	5460.000	-45.97	≤ -41.20	49.23	≤ 54	PASS
				Peak	5350.000	-38.95	≤ -21.20	56.25	≤ 74	PASS
				Peak	5458.080	-36.5	≤ -21.20	58.70	≤ 74	PASS
				Peak	5460.000	-37.79	≤ -21.20	57.41	≤ 74	PASS
11AX40SI SO	Ant1	Low	5190	AV	4500.000	-47.9	≤ -41.20	47.30	≤ 54	PASS
				AV	4800.300	-44.53	≤ -41.20	50.67	≤ 54	PASS
				AV	5150.000	-46.79	≤ -41.20	48.41	≤ 54	PASS
				Peak	4500.000	-39.09	≤ -21.20	56.11	≤ 74	PASS
				Peak	4791.900	-35.44	≤ -21.20	59.76	≤ 74	PASS
				Peak	5150.000	-37.94	≤ -21.20	57.26	≤ 74	PASS
		High	5230	AV	5350.000	-46.81	≤ -41.20	48.39	≤ 54	PASS
				AV	5451.940	-45.78	≤ -41.20	49.42	≤ 54	PASS
				AV	5460.000	-45.89	≤ -41.20	49.31	≤ 54	PASS
				Peak	5350.000	-39.62	≤ -21.20	55.58	≤ 74	PASS
				Peak	5426.200	-35.89	≤ -21.20	59.31	≤ 74	PASS
				Peak	5460.000	-37.26	≤ -21.20	57.94	≤ 74	PASS
11AX80SI SO	Ant1	Low	5210	AV	4500.000	-47.87	≤ -41.20	47.33	≤ 54	PASS
				AV	4799.250	-45.33	≤ -41.20	49.87	≤ 54	PASS
				AV	5150.000	-47.12	≤ -41.20	48.08	≤ 54	PASS
				Peak	4500.000	-39.14	≤ -21.20	56.06	≤ 74	PASS
				Peak	5018.250	-35.24	≤ -21.20	59.96	≤ 74	PASS
				Peak	5150.000	-37.38	≤ -21.20	57.82	≤ 74	PASS
		High	5210	AV	5350.000	-46.84	≤ -41.20	48.36	≤ 54	PASS
				AV	5459.160	-45.73	≤ -41.20	49.47	≤ 54	PASS
				AV	5460.000	-46.02	≤ -41.20	49.18	≤ 54	PASS
				Peak	5350.000	-37.55	≤ -21.20	57.65	≤ 74	PASS
				Peak	5410.440	-35.72	≤ -21.20	59.48	≤ 74	PASS
				Peak	5460.000	-39.47	≤ -21.20	55.73	≤ 74	PASS

Note:

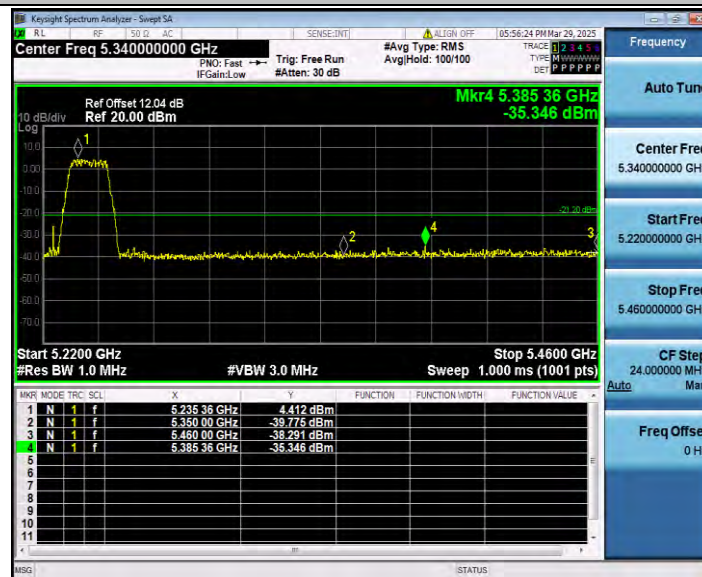
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

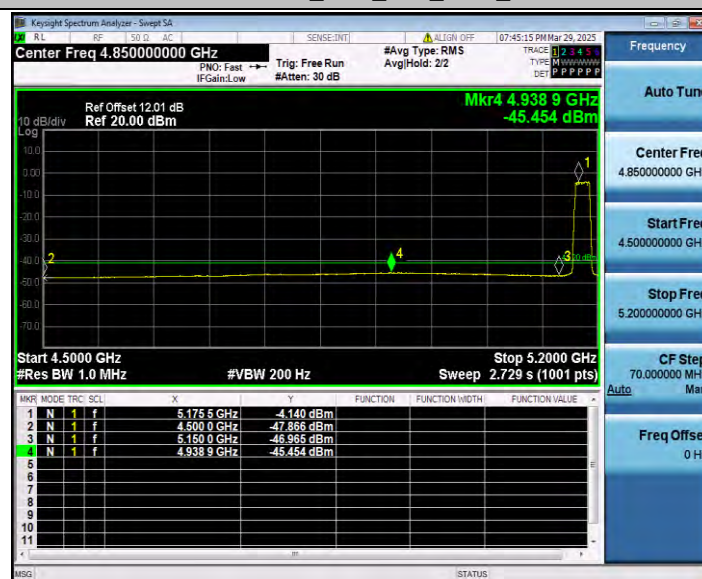




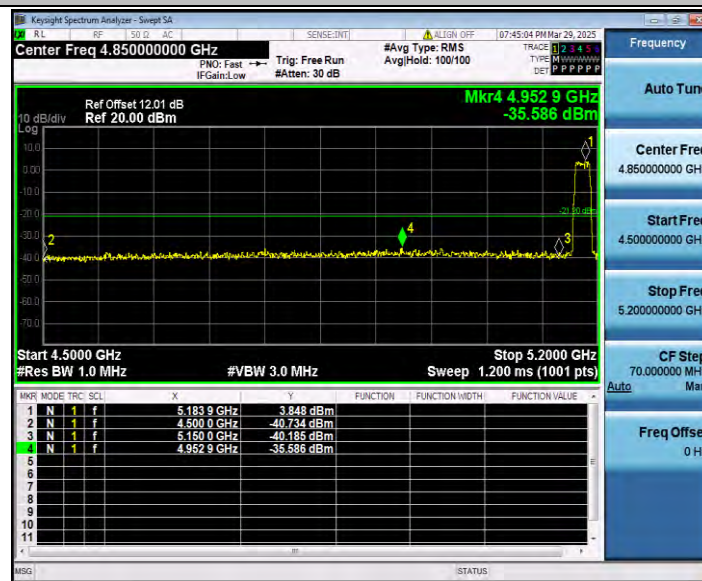
11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



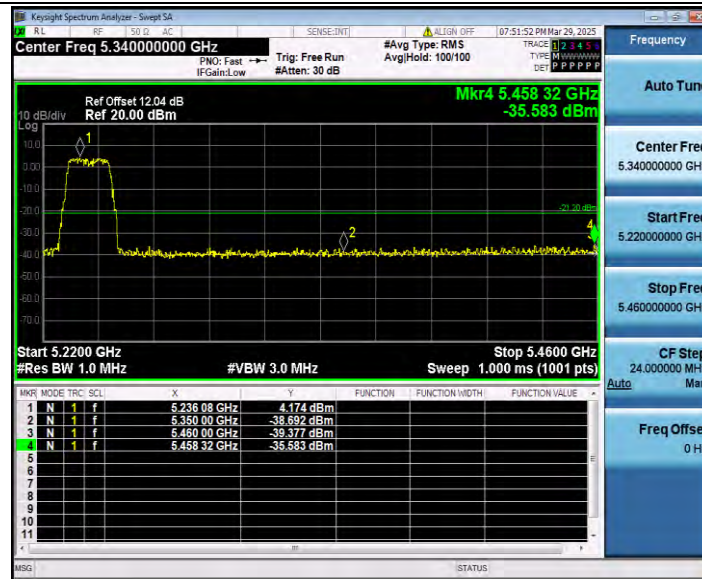
11N20SISO_Ant1_Low_5180_Peak



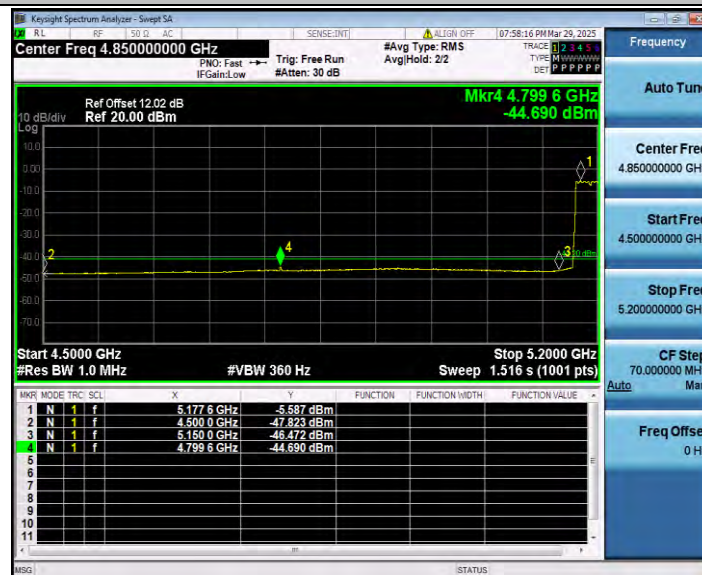
11N20SISO_Ant1_High_5240_AV



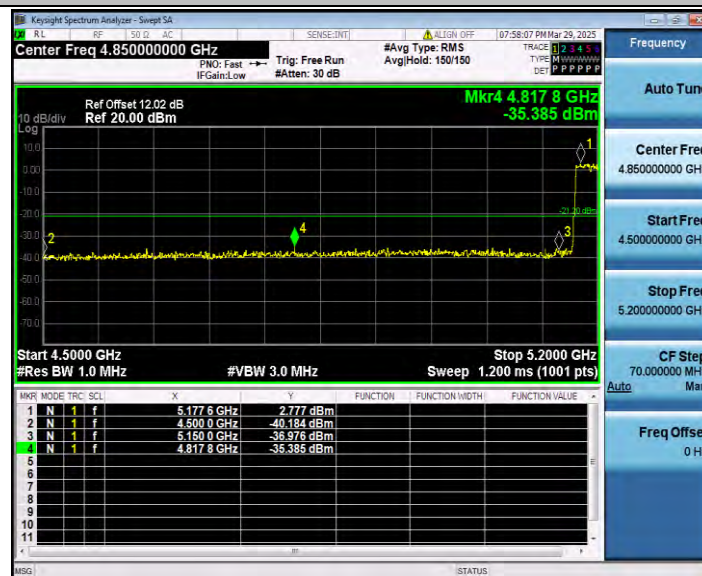
11N20SISO_Ant1_High_5240_Peak



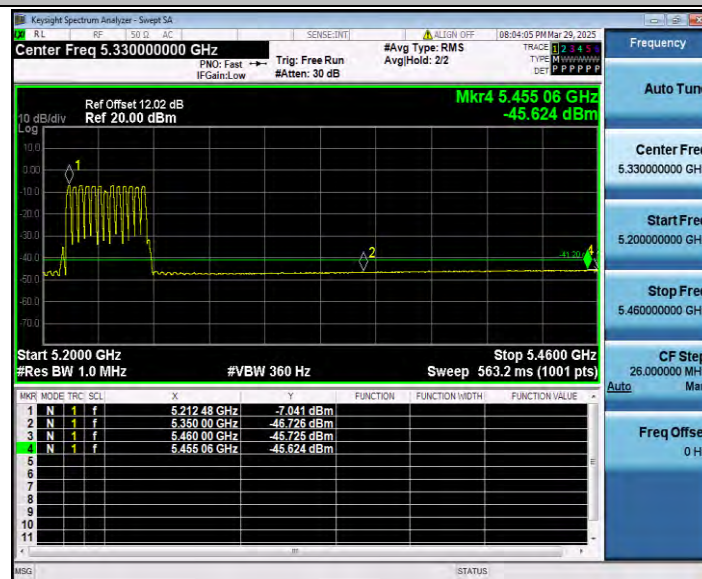
11N40SISO_Ant1_Low_5190_AV



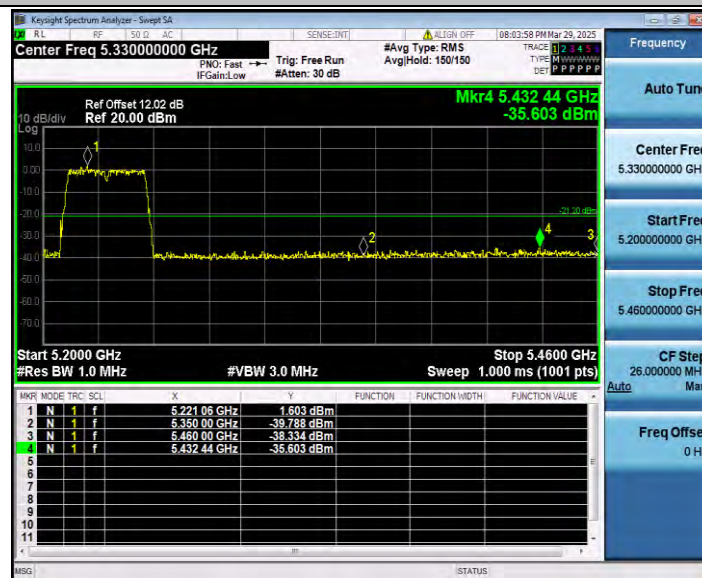
11N40SISO_Ant1_Low_5190_Peak



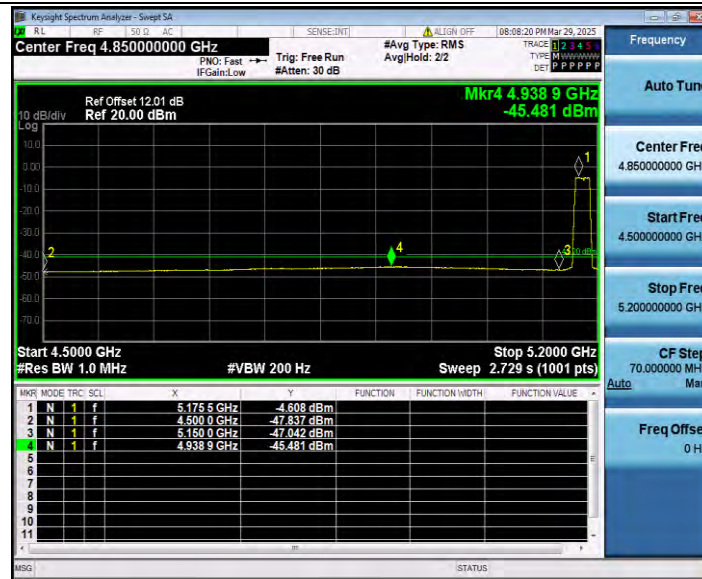
11N40SISO_Ant1_High_5230_AV



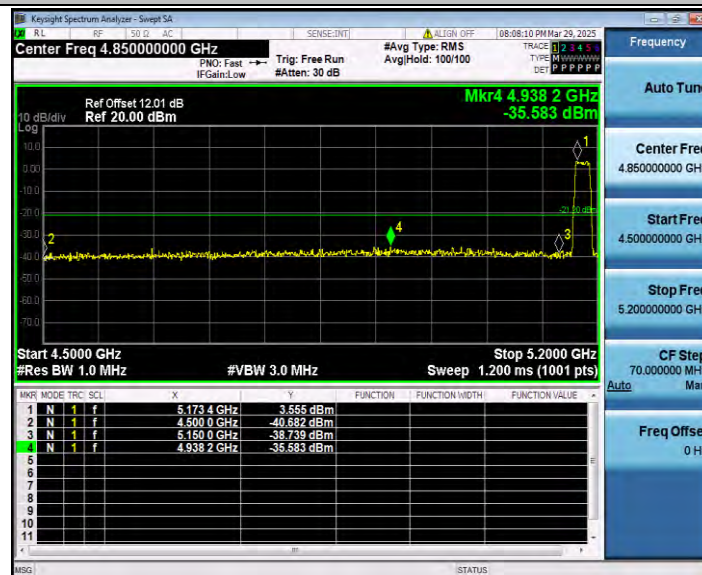
11N40SISO_Ant1_High_5230_Peak



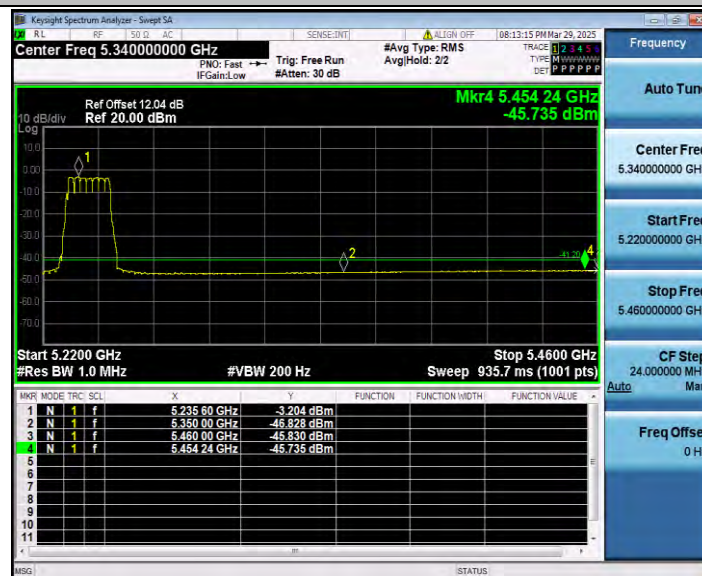
11AC20SISO_Ant1_Low_5180_AV



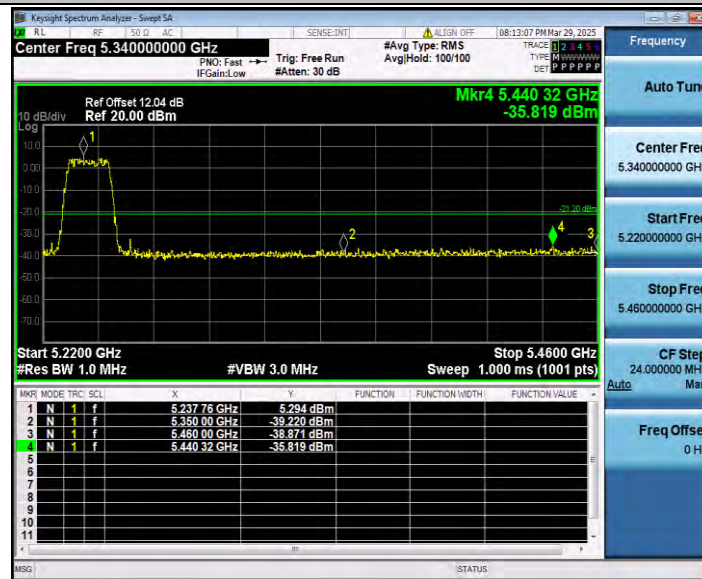
11AC20SISO_Ant1_Low_5180_Peak



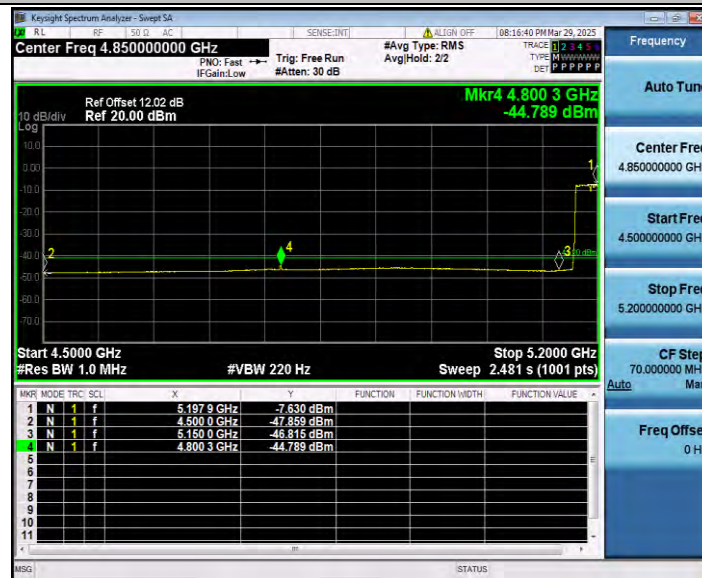
11AC20SISO_Ant1_High_5240_AV



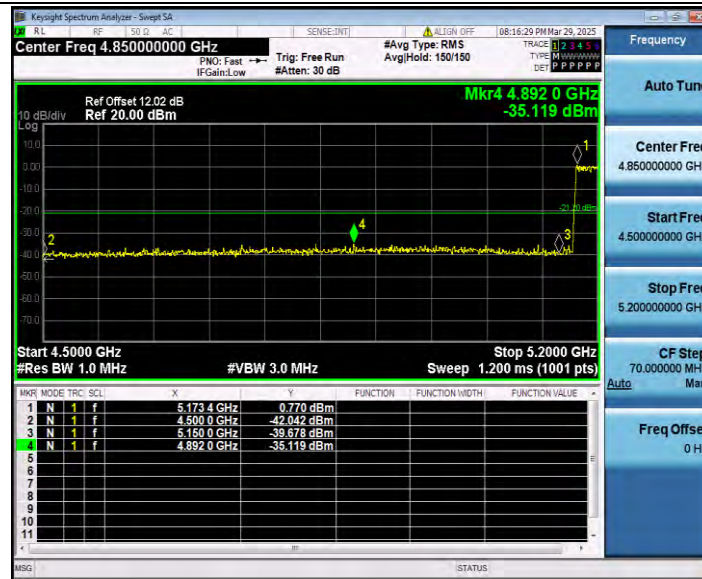
11AC20SISO_Ant1_High_5240_Peak



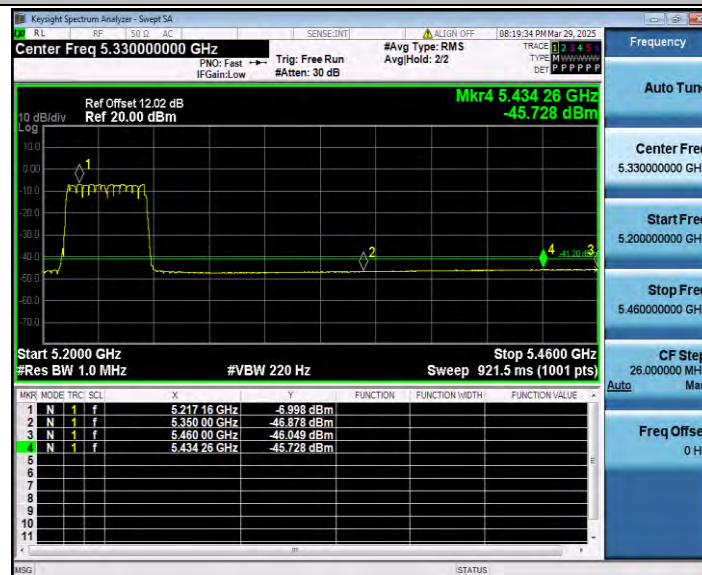
11AC40SISO_Ant1_Low_5190_AV



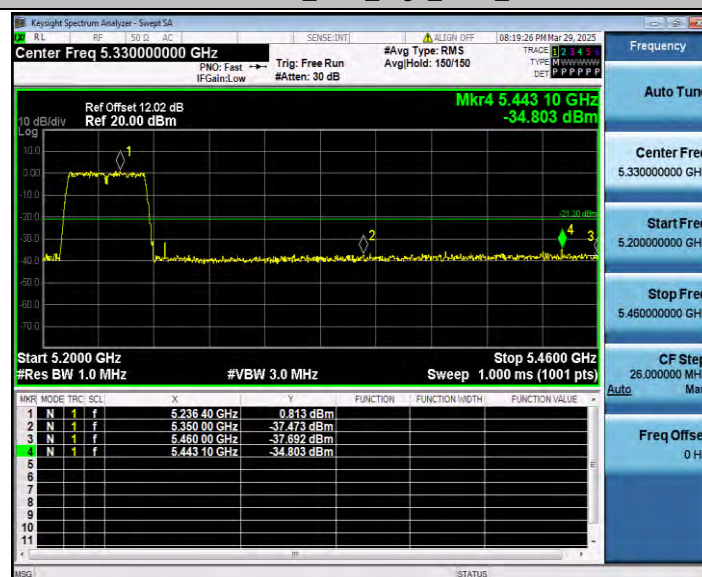
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



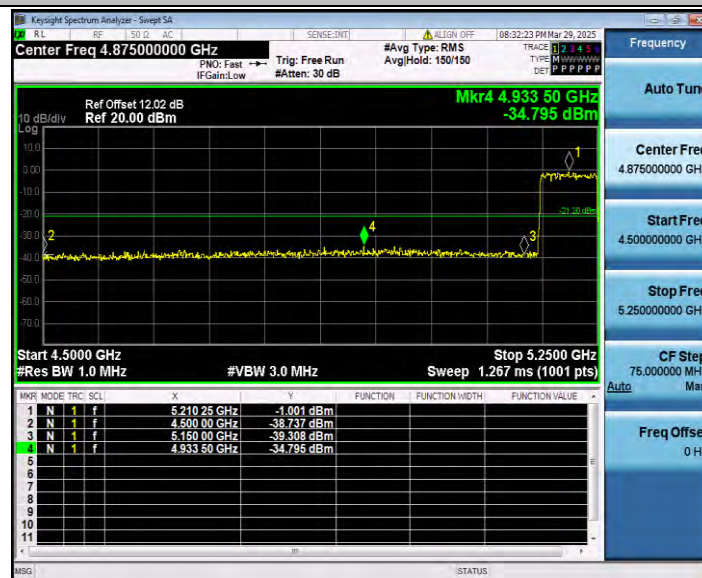
11AC40SISO_Ant1_High_5230_Peak



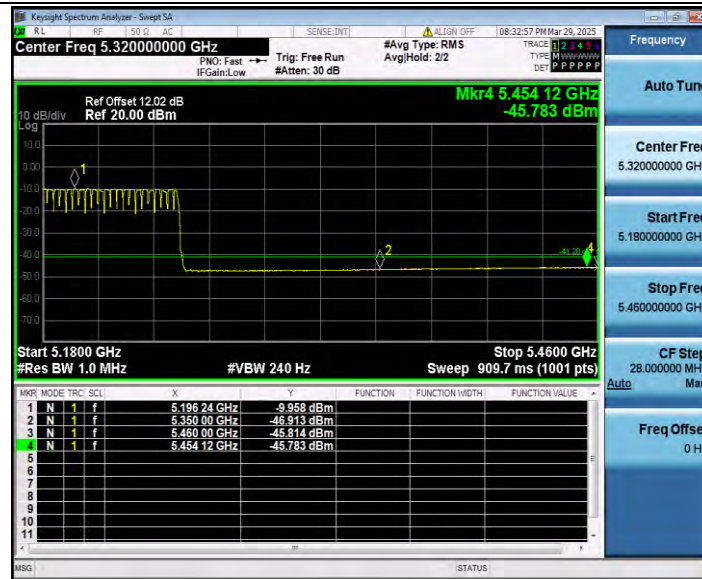
11AC80SISO_Ant1_Low_5210_AV



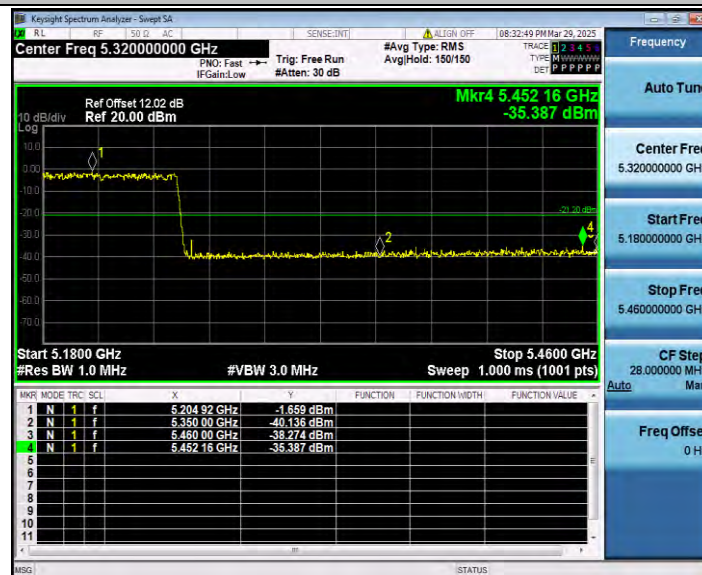
11AC80SISO_Ant1_Low_5210_Peak



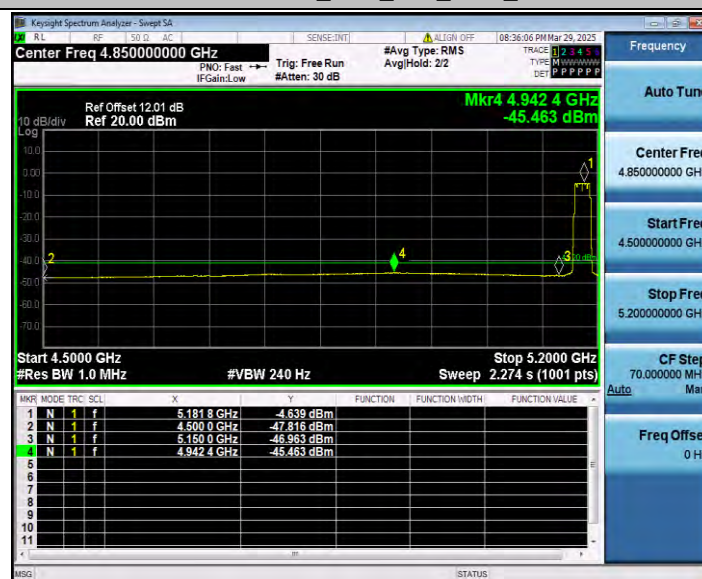
11AC80SISO_Ant1_High_5210_AV



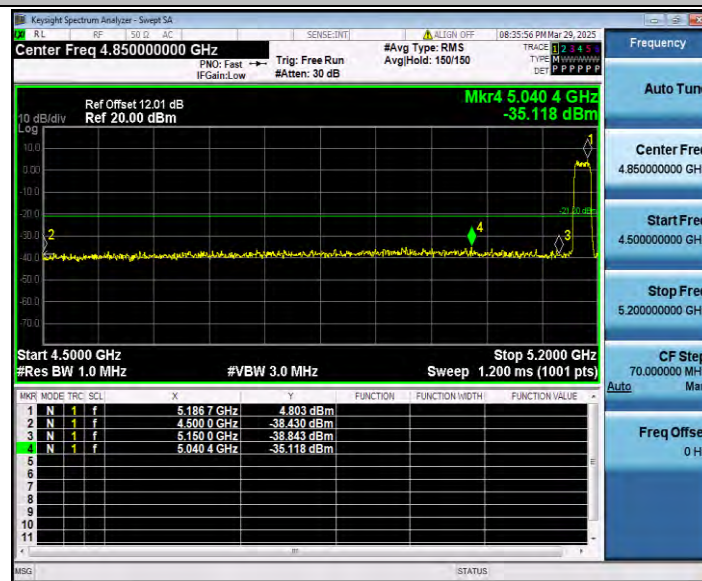
11AC80SISO_Ant1_High_5210_Peak



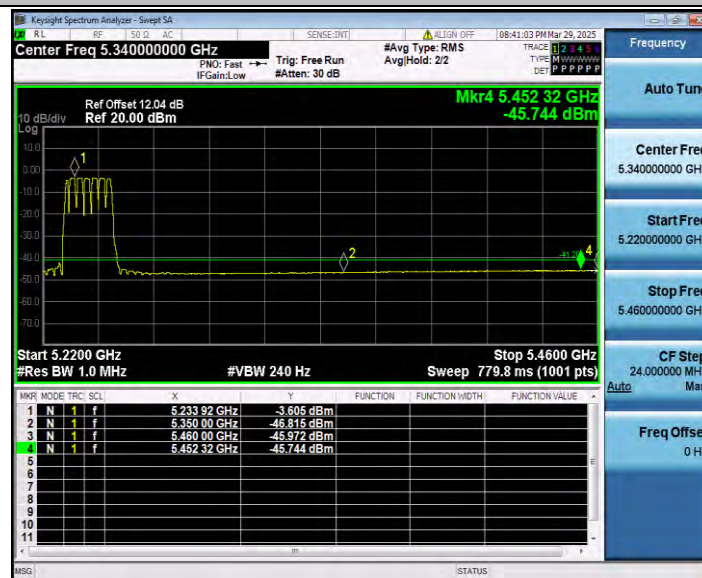
11AX20SISO_Ant1_Low_5180_AV



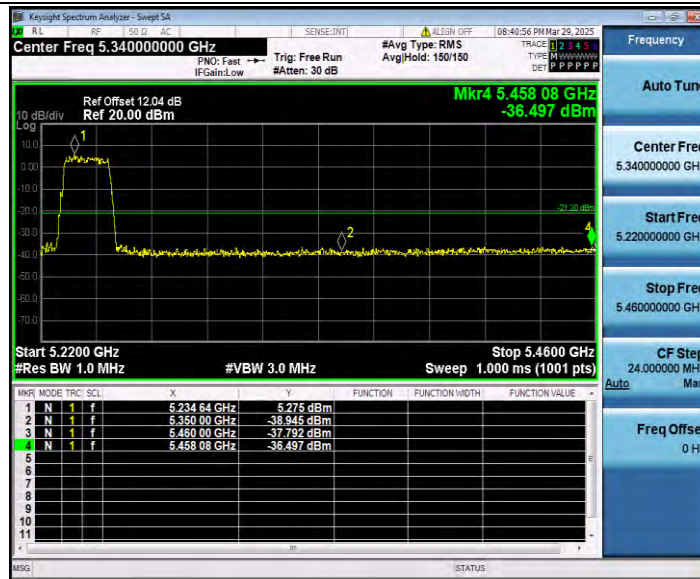
11AX20SISO_Ant1_Low_5180_Peak



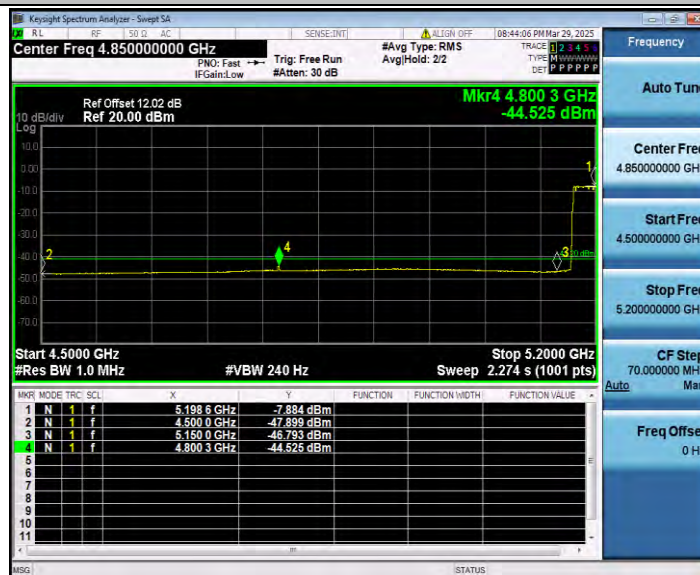
11AX20SISO_Ant1_High_5240_AV



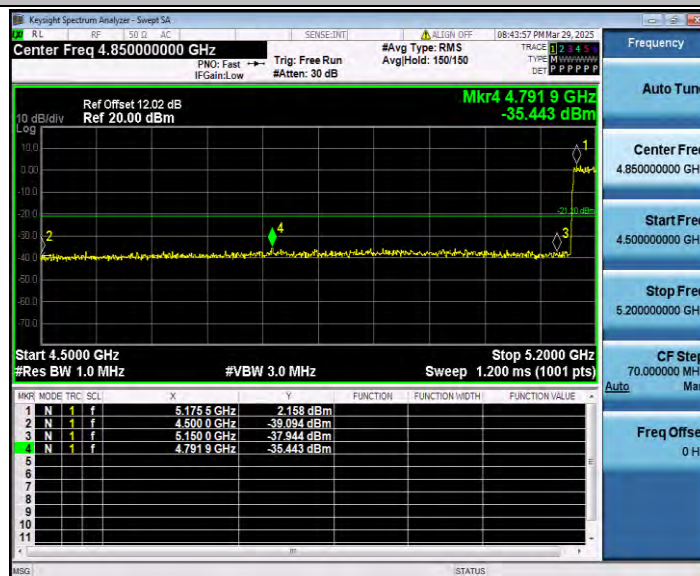
11AX20SISO_Ant1_High_5240_Peak



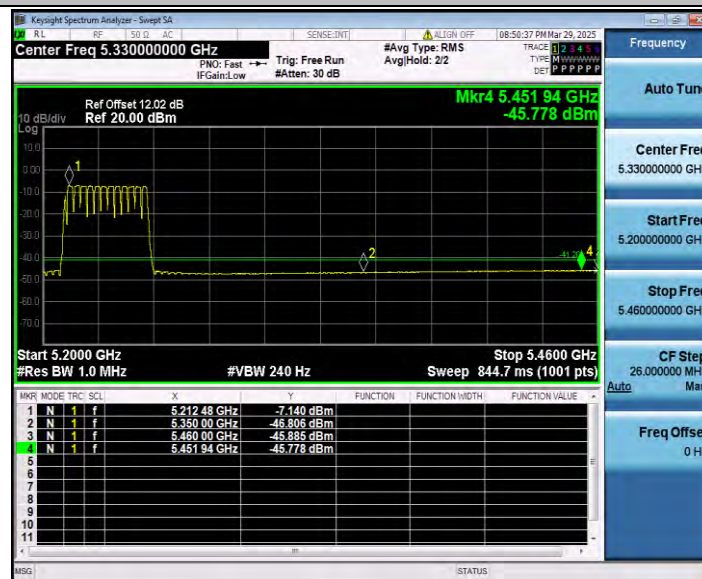
11AX40SISO_Ant1_Low_5190_AV



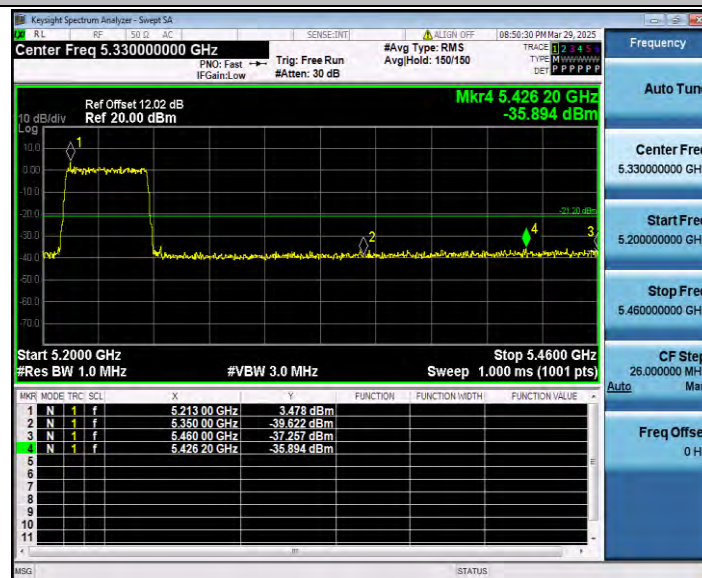
11AX40SISO_Ant1_Low_5190_Peak



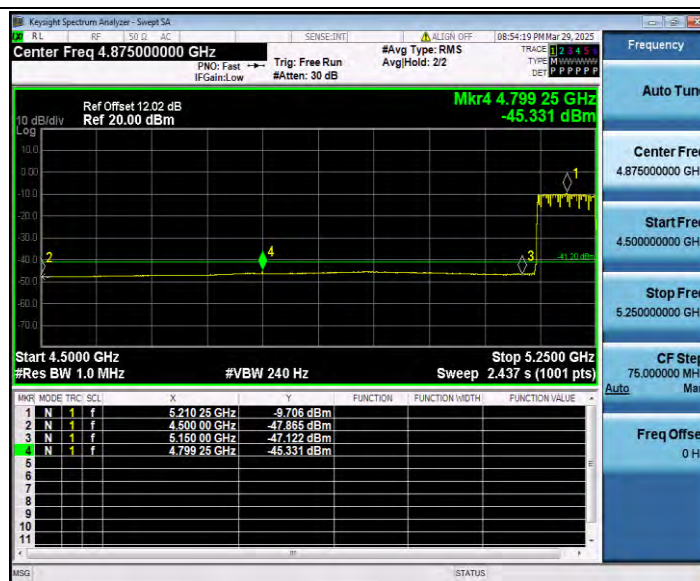
11AX40SISO_Ant1_High_5230_AV



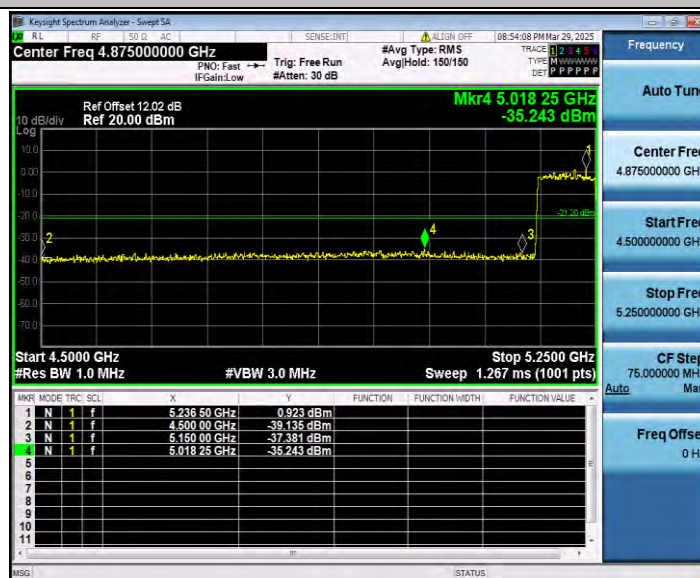
11AX40SISO_Ant1_High_5230_Peak



11AX80SISO_Ant1_Low_5210_AV



11AX80SISO_Ant1_Low_5210_Peak



11AX80SISO_Ant1_High_5210_AV

