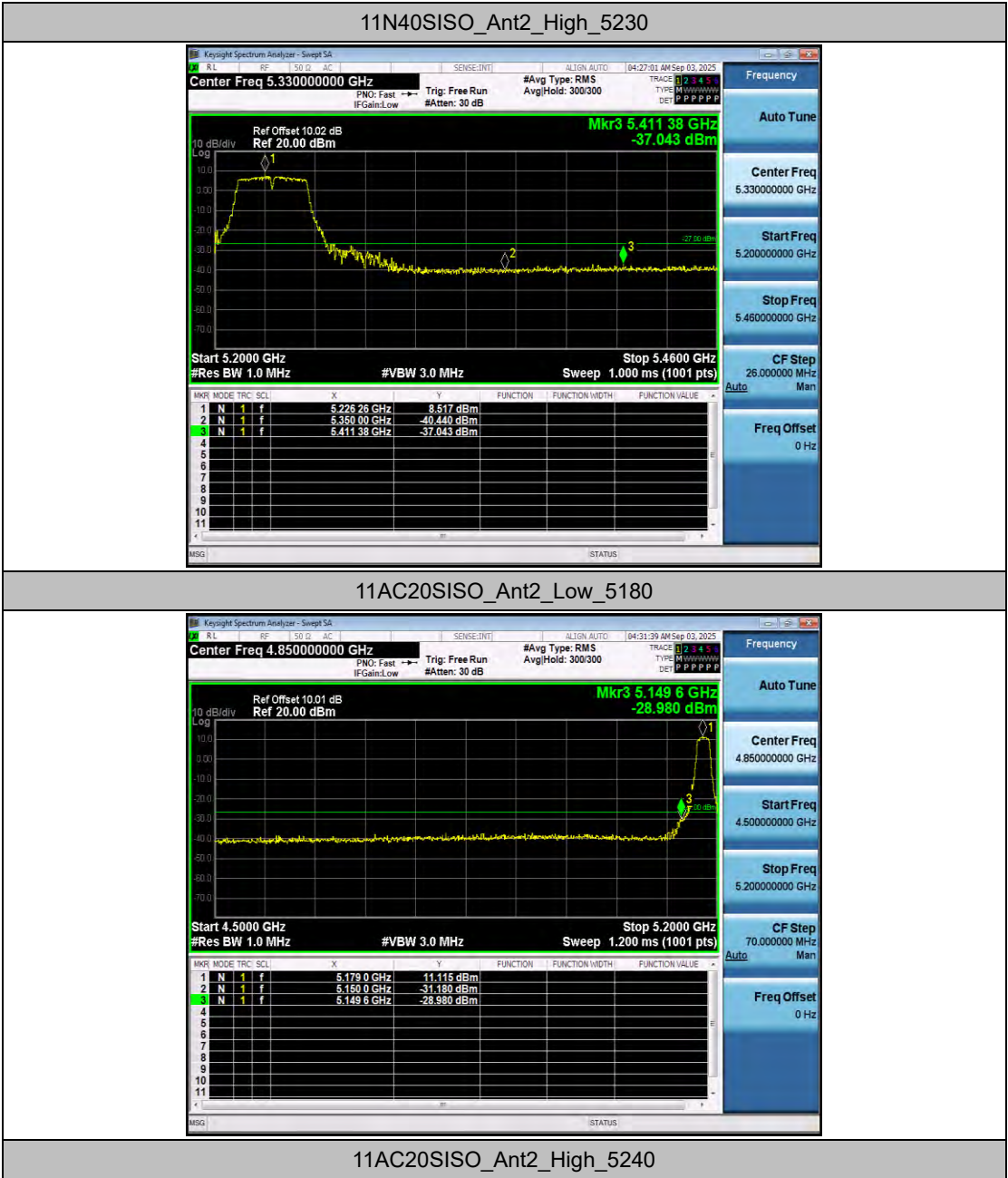
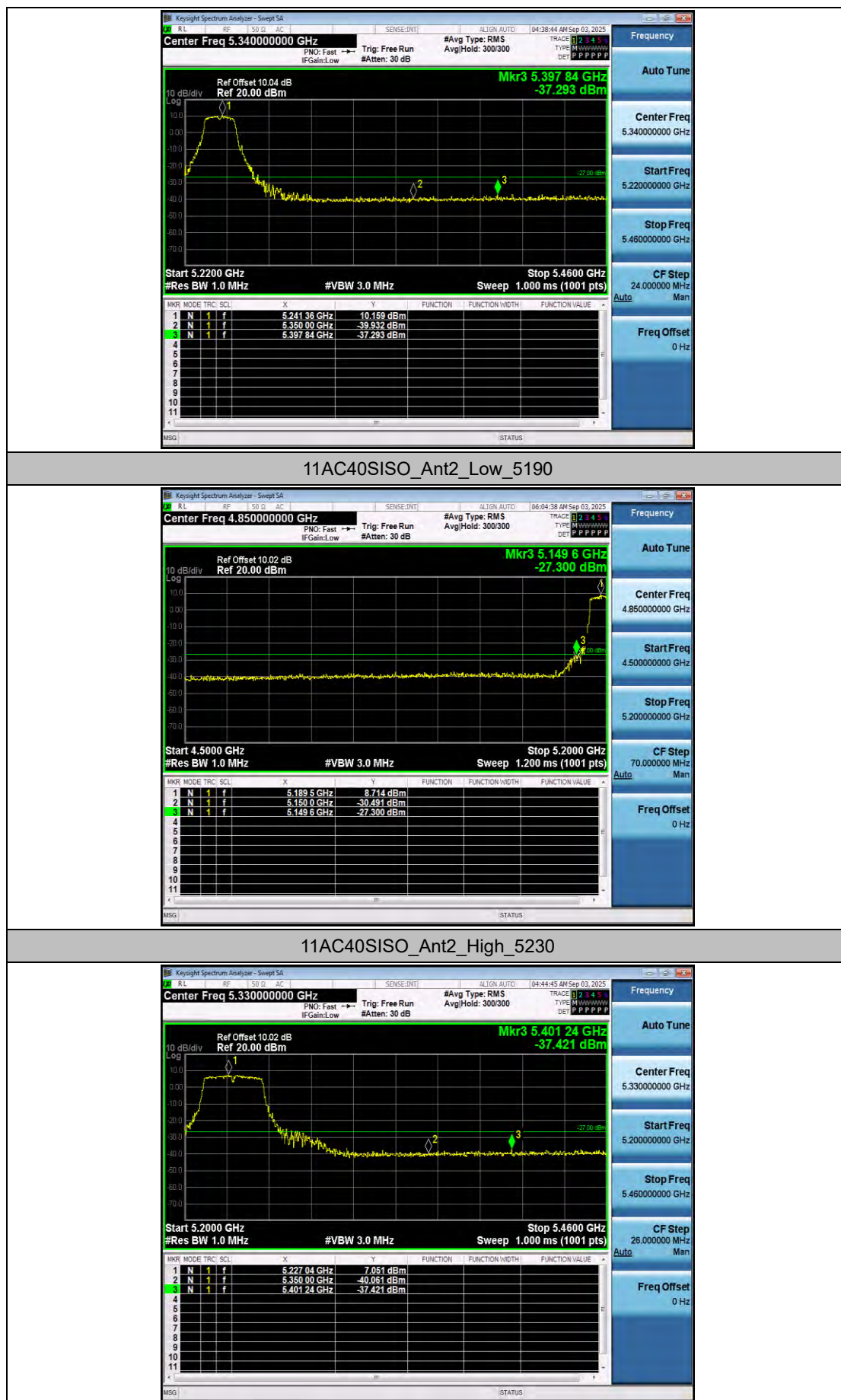
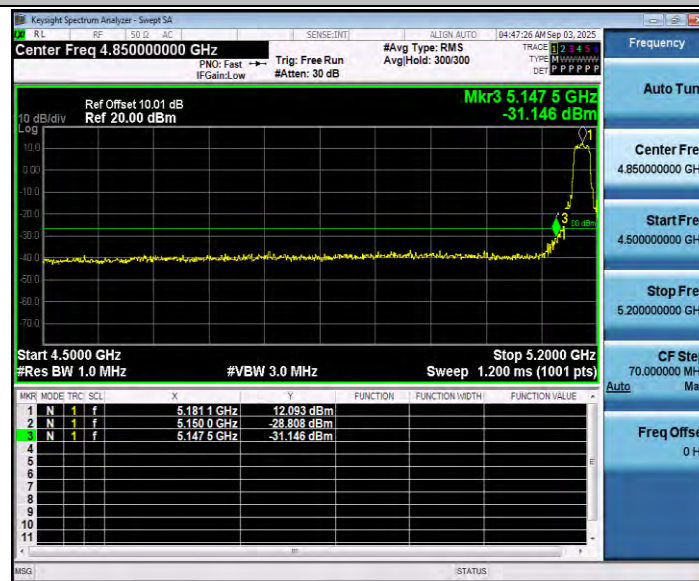






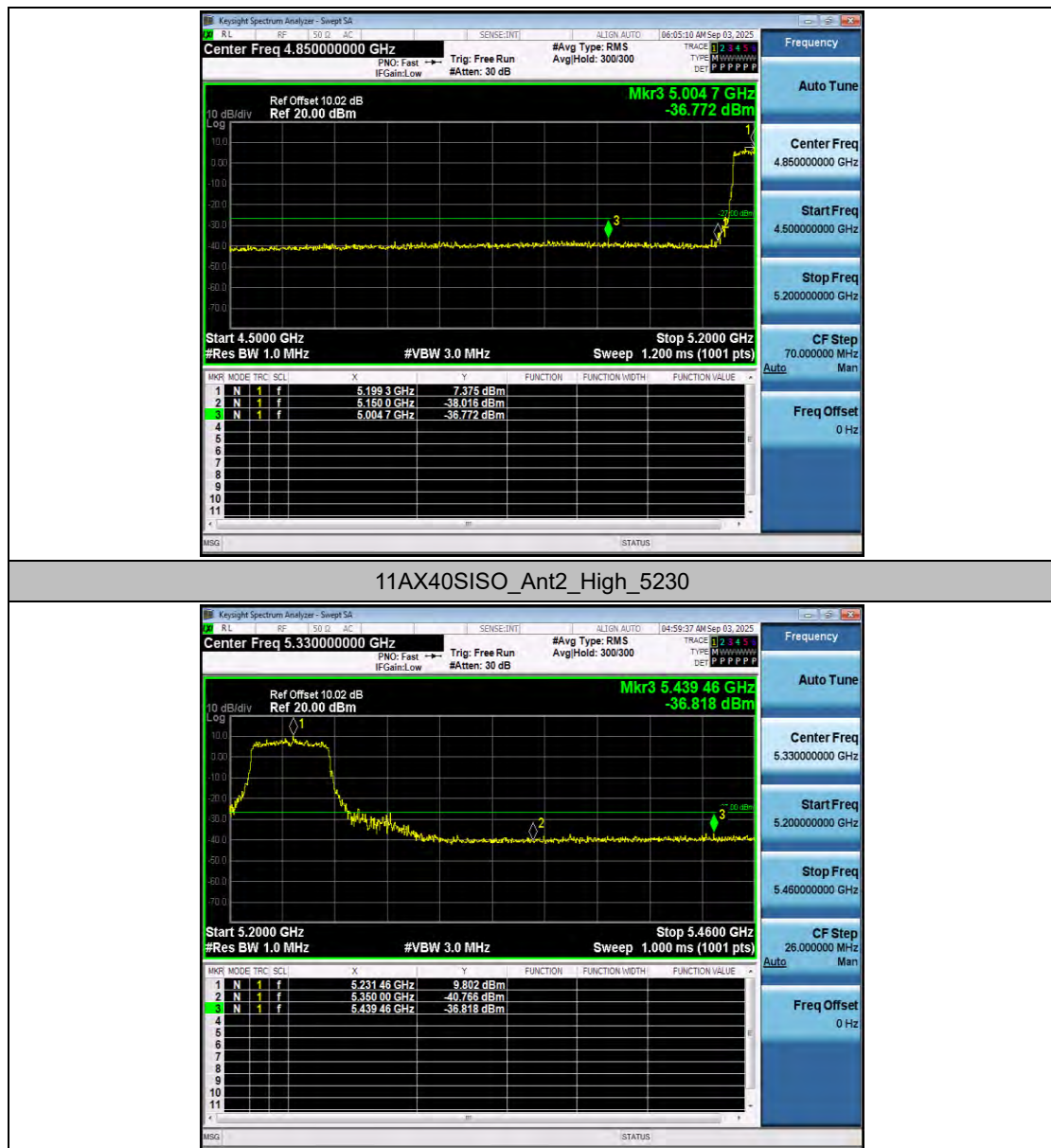
11AX20SISO_Ant2_Low_5180



11AX20SISO_Ant2_High_5240



11AX40SISO_Ant2_Low_5190

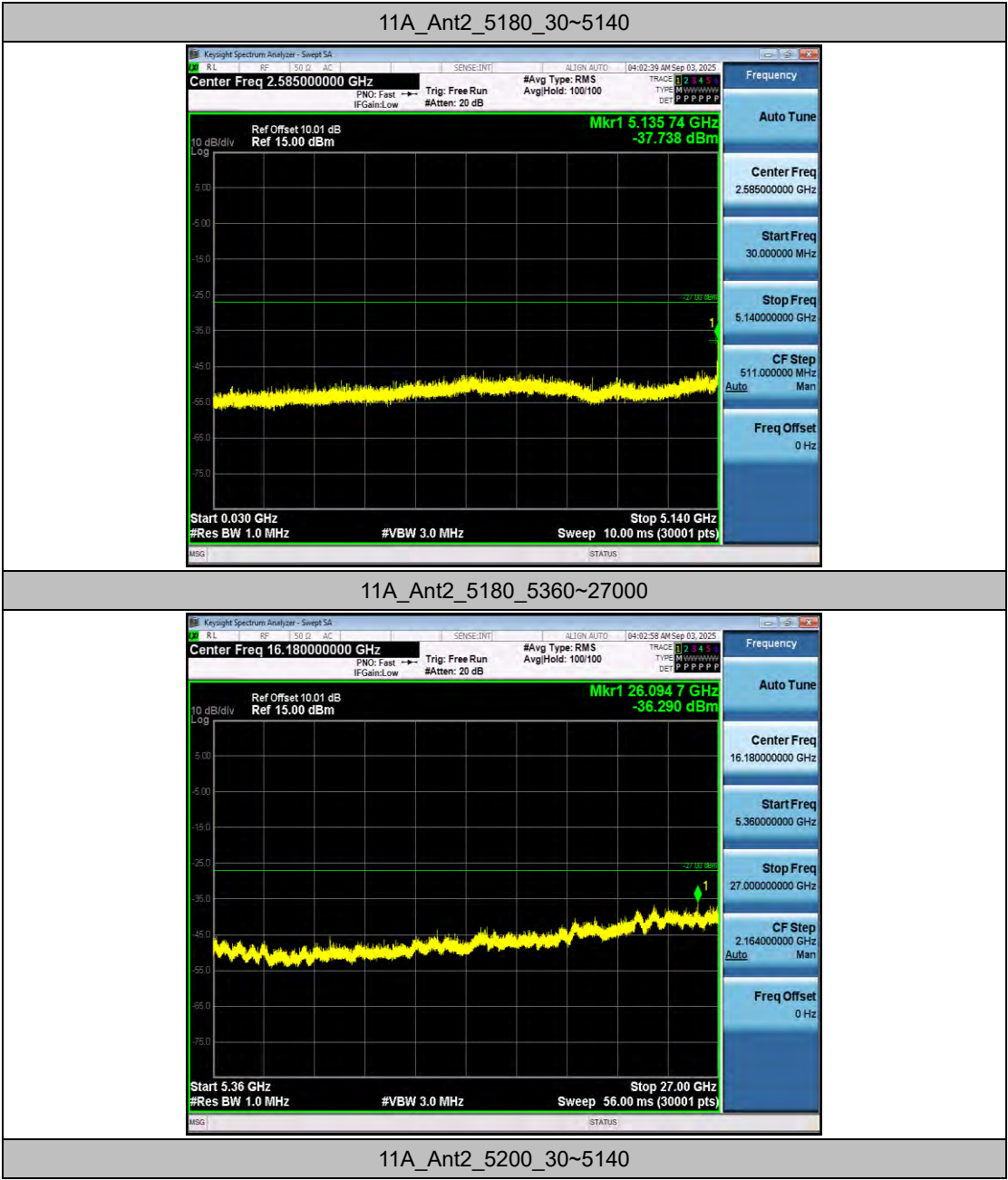


Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	5135.74	-37.74	≤-27	PASS
			5360~27000	26094.73	-36.29	≤-27	PASS
		5200	30~5140	5138.47	-45.38	≤-27	PASS
			5360~27000	26756.19	-36.87	≤-27	PASS
		5240	30~5140	4938.67	-45.61	≤-27	PASS
			5360~27000	23588.09	-37.07	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5140	-36.04	≤-27	PASS
			5360~27000	24257.49	-37.17	≤-27	PASS
		5200	30~5140	5135.74	-44.48	≤-27	PASS
			5360~27000	23518.85	-37.19	≤-27	PASS
		5240	30~5140	4191.58	-36.16	≤-27	PASS
			5360~27000	23586.65	-37	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5139.32	-32.36	≤-27	PASS
			5360~27000	26446.02	-36.96	≤-27	PASS
		5230	30~5140	4987.55	-46.24	≤-27	PASS
			5360~27000	23575.11	-36.77	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5134.21	-35.22	≤-27	PASS
			5360~27000	25649.66	-37.01	≤-27	PASS
		5200	30~5140	4159.9	-32.64	≤-27	PASS
			5360~27000	25625.86	-37.04	≤-27	PASS
		5240	30~5140	4191.92	-33.23	≤-27	PASS
			5360~27000	25905.74	-37.08	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5134.55	-34.2	≤-27	PASS
			5360~27000	25226.24	-37.42	≤-27	PASS
		5230	30~5140	5135.4	-43.52	≤-27	PASS
			5360~27000	26501.56	-36.84	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	5132.85	-36.85	≤-27	PASS
			5360~27000	25219.75	-36.29	≤-27	PASS
		5200	30~5140	2659.27	-45.58	≤-27	PASS
			5360~27000	24214.93	-37.09	≤-27	PASS
		5240	30~5140	2588.58	-45.8	≤-27	PASS
			5360~27000	24228.64	-36.57	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5138.13	-32.59	≤-27	PASS
			5360~27000	25542.19	-36.85	≤-27	PASS
		5230	30~5140	5135.74	-42.95	≤-27	PASS
			5360~27000	24320.97	-36.73	≤-27	PASS

Test Graphs





11A_Ant2_5200_5360~27000



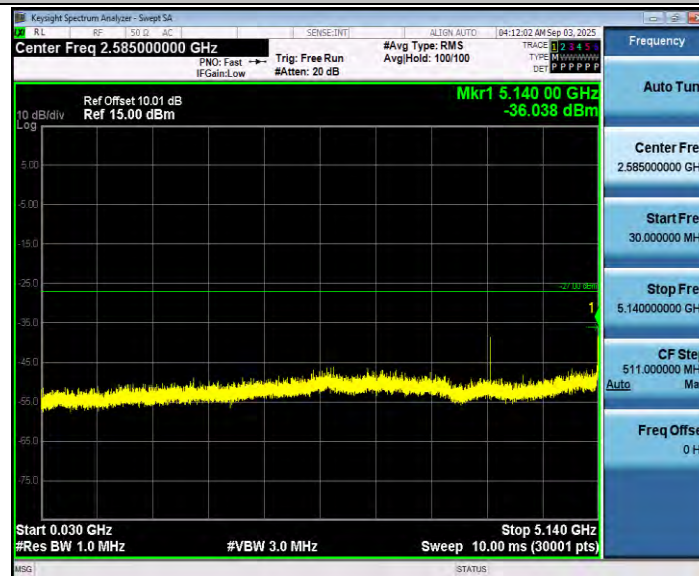
11A_Ant2_5240_30~5140



11A_Ant2_5240_5360~27000



11N20SISO_Ant2_5180_30~5140



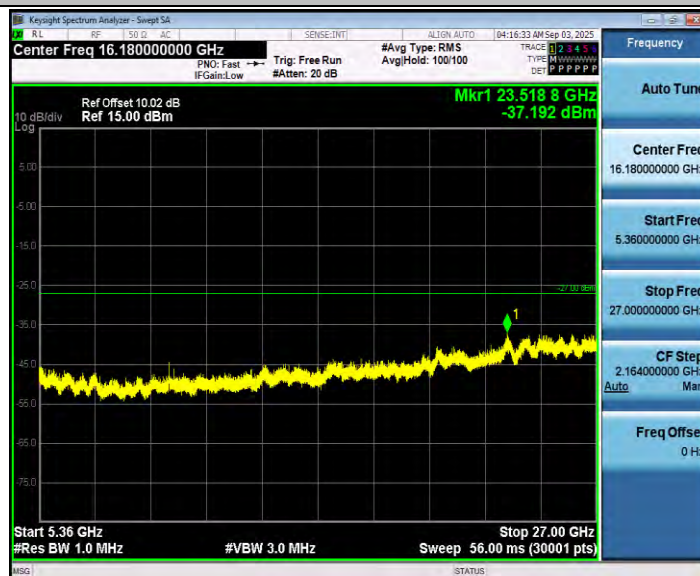
11N20SISO_Ant2_5180_5360~27000



11N20SISO_Ant2_5200_30~5140



11N20SISO_Ant2_5200_5360~27000



11N20SISO_Ant2_5240_30~5140



11N20SISO_Ant2_5240_5360~27000



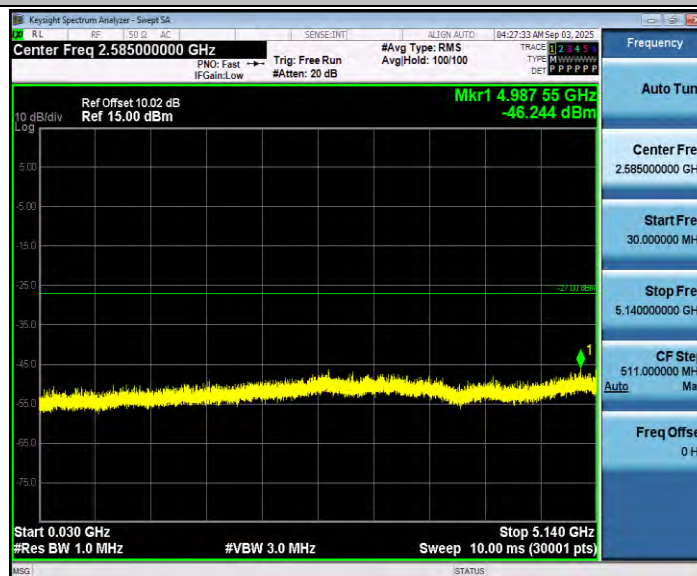
11N40SISO_Ant2_5190_30~5140



11N40SISO_Ant2_5190_5360~27000

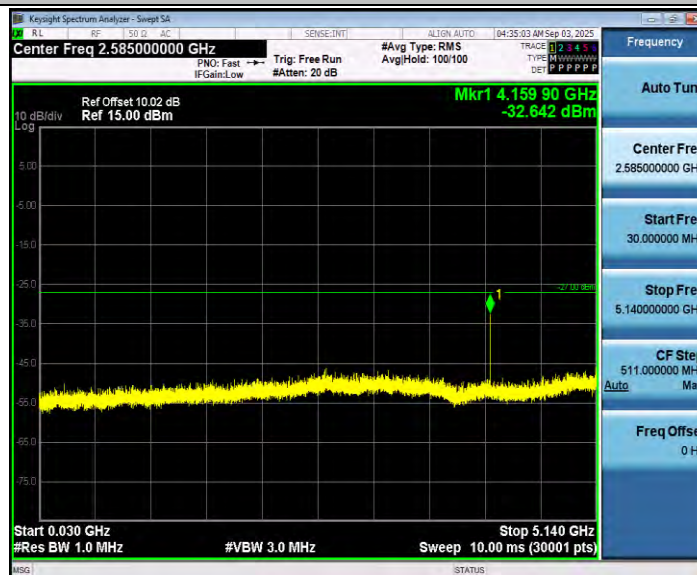


11N40SISO_Ant2_5230_30~5140

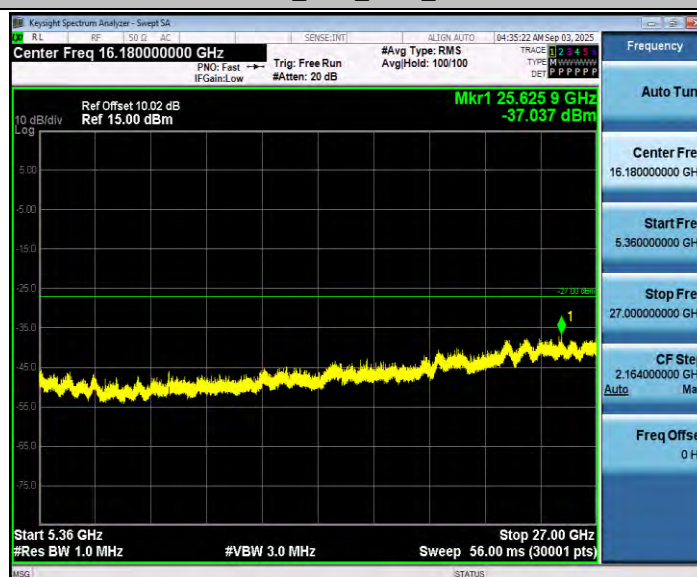




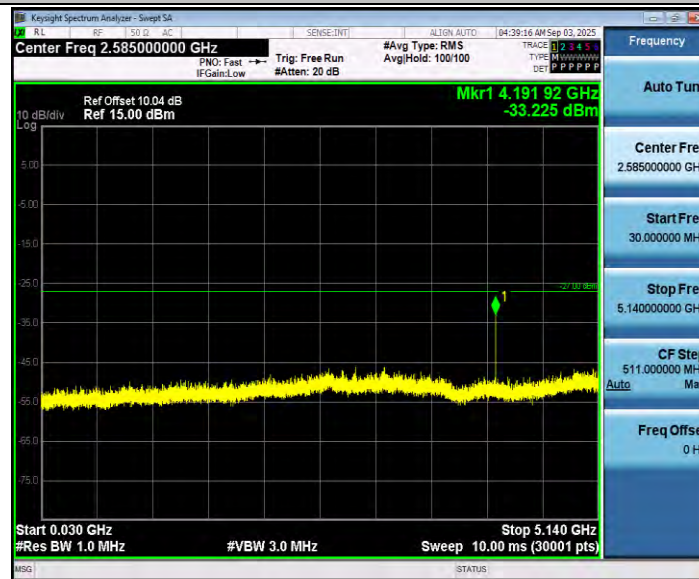
11AC20SISO_Ant2_5200_30~5140



11AC20SISO_Ant2_5200_5360~27000



11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~27000



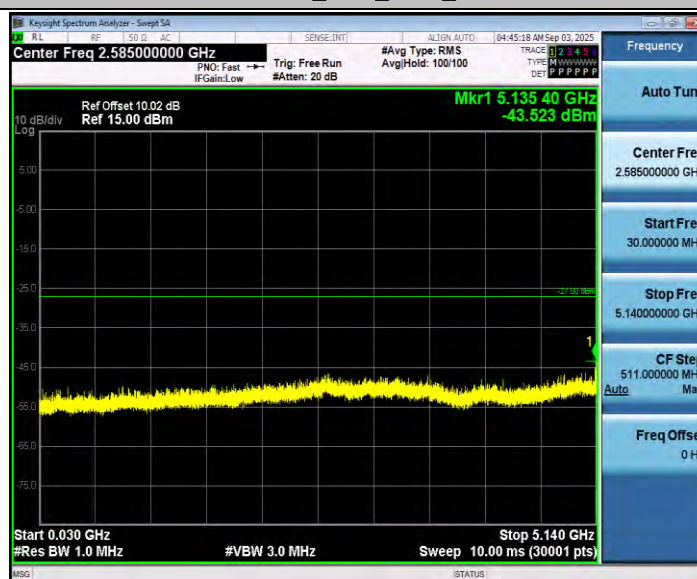
11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



11AC40SISO_Ant2_5230_30~5140



11AC40SISO_Ant2_5230_5360~27000



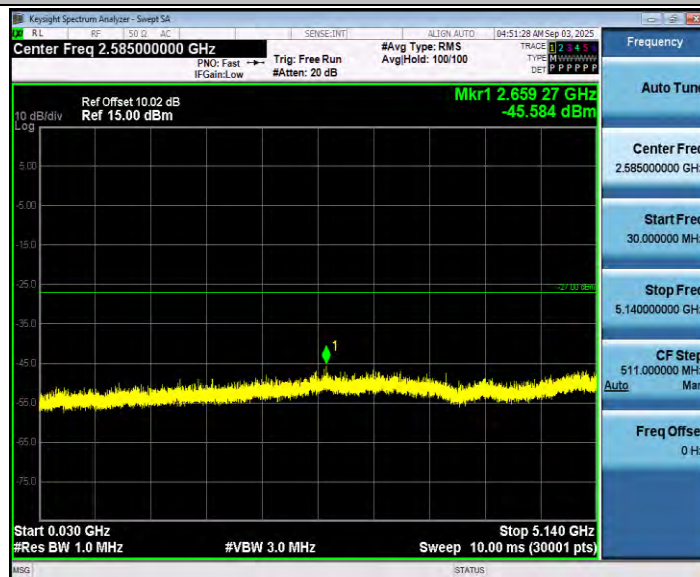
11AX20SISO_Ant2_5180_30~5140



11AX20SISO_Ant2_5180_5360~27000



11AX20SISO_Ant2_5200_30~5140



11AX20SISO_Ant2_5200_5360~27000



11AX20SISO_Ant2_5240_30~5140



11AX20SISO_Ant2_5240_5360~27000



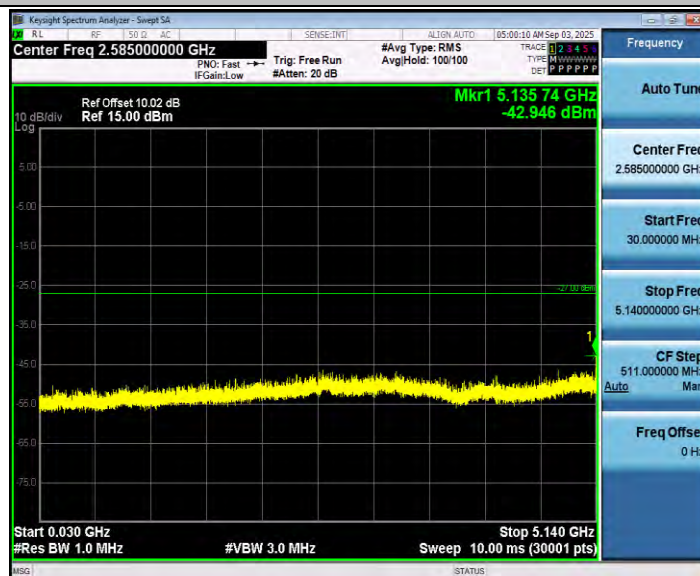
11AX40SISO_Ant2_5190_30~5140

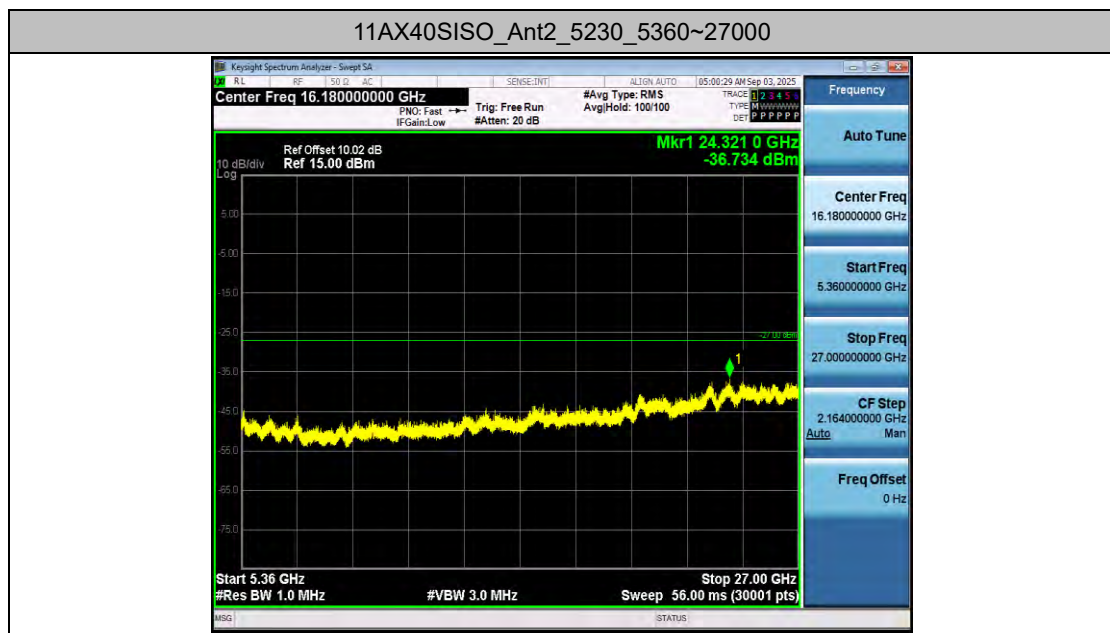


11AX40SISO_Ant2_5190_5360~27000



11AX40SISO_Ant2_5230_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	Ant2	Low	5180	AV	4500.000	-47.63	≤-41.20	47.57	≤54	PASS
				AV	5148.900	-44.15	≤-41.20	51.05	≤54	PASS
				AV	5150.000	-44.17	≤-41.20	51.03	≤54	PASS
				Peak	4500.000	-41.21	≤-21.20	53.99	≤74	PASS
				Peak	5148.200	-27.66	≤-21.20	67.54	≤74	PASS
				Peak	5150.000	-34.03	≤-21.20	61.17	≤74	PASS
		High	5240	AV	5350.000	-46.51	≤-41.20	48.69	≤54	PASS
				AV	5436.960	-45.34	≤-41.20	49.86	≤54	PASS
				AV	5460.000	-45.78	≤-41.20	49.42	≤54	PASS
				Peak	5350.000	-40.13	≤-21.20	55.07	≤74	PASS
				Peak	5443.920	-35.12	≤-21.20	60.08	≤74	PASS
				Peak	5460.000	-39.14	≤-21.20	56.06	≤74	PASS
11N20SI SO	Ant2	Low	5180	AV	4500.000	-47.61	≤-41.20	47.59	≤54	PASS
				AV	5149.600	-44.49	≤-41.20	50.71	≤54	PASS
				AV	5150.000	-43.93	≤-41.20	51.27	≤54	PASS
				Peak	4500.000	-40.45	≤-21.20	54.75	≤74	PASS
				Peak	5146.800	-29.8	≤-21.20	65.40	≤74	PASS
				Peak	5150.000	-27.29	≤-21.20	67.91	≤74	PASS
		High	5240	AV	5350.000	-46.64	≤-41.20	48.56	≤54	PASS
				AV	5451.600	-45.36	≤-41.20	49.84	≤54	PASS
				AV	5460.000	-45.57	≤-41.20	49.63	≤54	PASS
				Peak	5350.000	-38.54	≤-21.20	56.66	≤74	PASS
				Peak	5454.000	-35.7	≤-21.20	59.50	≤74	PASS
				Peak	5460.000	-39.22	≤-21.20	55.98	≤74	PASS
11N40SI SO	Ant2	Low	5190	AV	4500.000	-47.49	≤-41.20	47.71	≤54	PASS
				AV	5146.100	-42.51	≤-41.20	52.69	≤54	PASS
				AV	5150.000	-42.93	≤-41.20	52.27	≤54	PASS
				Peak	4500.000	-38.15	≤-21.20	57.05	≤74	PASS
				Peak	5146.800	-28.67	≤-21.20	66.53	≤74	PASS
				Peak	5150.000	-25.09	≤-21.20	70.11	≤74	PASS
		High	5230	AV	5350.000	-46.75	≤-41.20	48.45	≤54	PASS
				AV	5456.360	-45.18	≤-41.20	50.02	≤54	PASS
				AV	5460.000	-45.49	≤-41.20	49.71	≤54	PASS
				Peak	5350.000	-39.31	≤-21.20	55.89	≤74	PASS
				Peak	5409.300	-35.19	≤-21.20	60.01	≤74	PASS
				Peak	5460.000	-38.61	≤-21.20	56.59	≤74	PASS

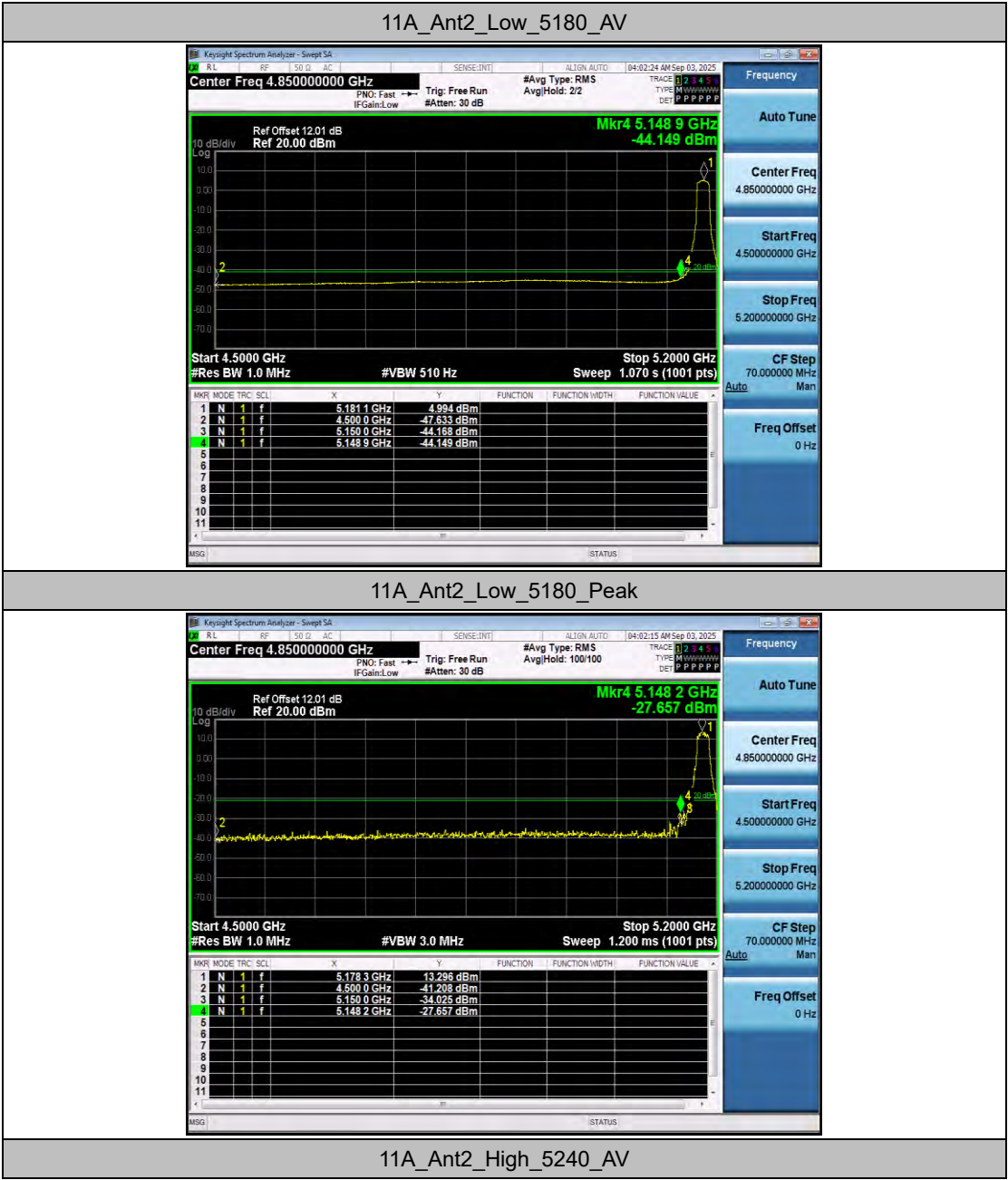
11AC20S ISO	Ant2	Low	5180	AV	4500.000	-47.66	≤-41.20	47.54	≤54	PASS
				AV	5149.600	-44.38	≤-41.20	50.82	≤54	PASS
				AV	5150.000	-43.71	≤-41.20	51.49	≤54	PASS
				Peak	4500.000	-39.06	≤-21.20	56.14	≤74	PASS
				Peak	5149.600	-30.42	≤-21.20	64.78	≤74	PASS
				Peak	5150.000	-31.33	≤-21.20	63.87	≤74	PASS
		High	5240	AV	5350.000	-46.47	≤-41.20	48.73	≤54	PASS
				AV	5456.880	-45.33	≤-41.20	49.87	≤54	PASS
				AV	5460.000	-45.52	≤-41.20	49.68	≤54	PASS
				Peak	5350.000	-39.65	≤-21.20	55.55	≤74	PASS
				Peak	5403.360	-35.7	≤-21.20	59.50	≤74	PASS
				Peak	5460.000	-38.53	≤-21.20	56.67	≤74	PASS
11AC40S ISO	Ant2	Low	5190	AV	4500.000	-47.6	≤-41.20	47.60	≤54	PASS
				AV	5149.600	-43.44	≤-41.20	51.76	≤54	PASS
				AV	5150.000	-41.72	≤-41.20	53.48	≤54	PASS
				Peak	4500.000	-40.28	≤-21.20	54.92	≤74	PASS
				Peak	5148.900	-24.85	≤-21.20	70.35	≤74	PASS
				Peak	5150.000	-27.75	≤-21.20	67.45	≤74	PASS
		High	5230	AV	5350.000	-46.36	≤-41.20	48.84	≤54	PASS
				AV	5454.800	-45.06	≤-41.20	50.14	≤54	PASS
				AV	5460.000	-45.43	≤-41.20	49.77	≤54	PASS
				Peak	5350.000	-39.77	≤-21.20	55.43	≤74	PASS
				Peak	5390.840	-36.33	≤-21.20	58.87	≤74	PASS
				Peak	5460.000	-37.18	≤-21.20	58.02	≤74	PASS
11AX20S ISO	Ant2	Low	5180	AV	4500.000	-47.66	≤-41.20	47.54	≤54	PASS
				AV	5149.600	-43.83	≤-41.20	51.37	≤54	PASS
				AV	5150.000	-44.07	≤-41.20	51.13	≤54	PASS
				Peak	4500.000	-39.74	≤-21.20	55.46	≤74	PASS
				Peak	5149.600	-28.26	≤-21.20	66.94	≤74	PASS
				Peak	5150.000	-36.56	≤-21.20	58.64	≤74	PASS
		High	5240	AV	5350.000	-46.4	≤-41.20	48.80	≤54	PASS
				AV	5453.040	-45.19	≤-41.20	50.01	≤54	PASS
				AV	5460.000	-45.66	≤-41.20	49.54	≤54	PASS
				Peak	5350.000	-39.22	≤-21.20	55.98	≤74	PASS
				Peak	5415.120	-35.85	≤-21.20	59.35	≤74	PASS
				Peak	5460.000	-37.91	≤-21.20	57.29	≤74	PASS
11AX40S ISO	Ant2	Low	5190	AV	4500.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	5148.900	-41.42	≤-41.20	53.78	≤54	PASS
				AV	5150.000	-41.57	≤-41.20	53.63	≤54	PASS
				Peak	4500.000	-39.77	≤-21.20	55.43	≤74	PASS
				Peak	5146.800	-26.36	≤-21.20	68.84	≤74	PASS
				Peak	5150.000	-30	≤-21.20	65.20	≤74	PASS
		High	5230	AV	5350.000	-46.54	≤-41.20	48.66	≤54	PASS

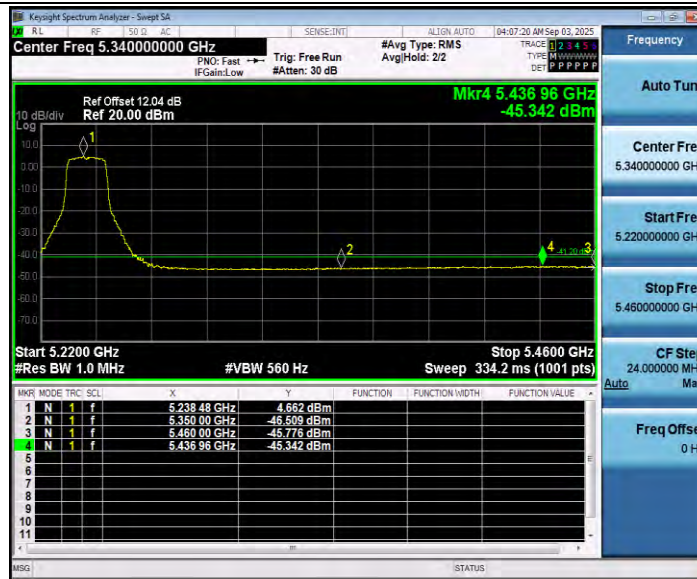
				AV	5457.400	-44.95	≤ -41.20	50.25	≤ 54	PASS
				AV	5460.000	-45.02	≤ -41.20	50.18	≤ 54	PASS
				Peak	5350.000	-38.68	≤ -21.20	56.52	≤ 74	PASS
				Peak	5415.280	-35.07	≤ -21.20	60.13	≤ 74	PASS
				Peak	5460.000	-38.55	≤ -21.20	56.65	≤ 74	PASS

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

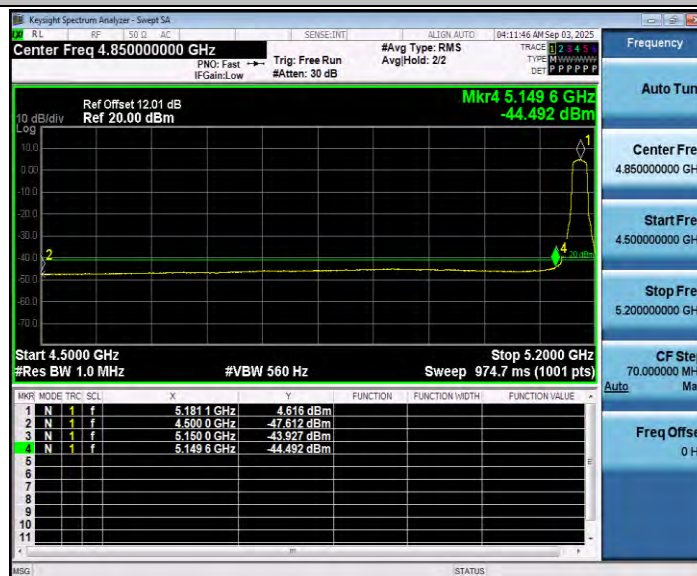




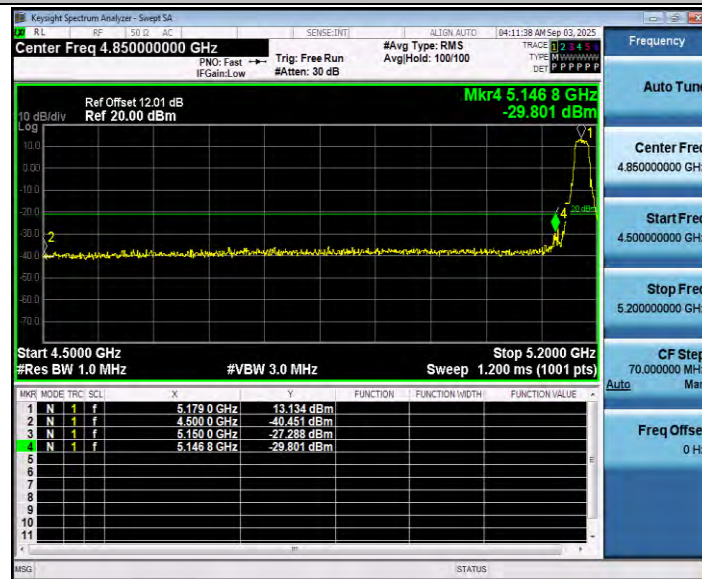
11A_Ant2_High_5240_Peak



11N20SISO_Ant2_Low_5180_AV



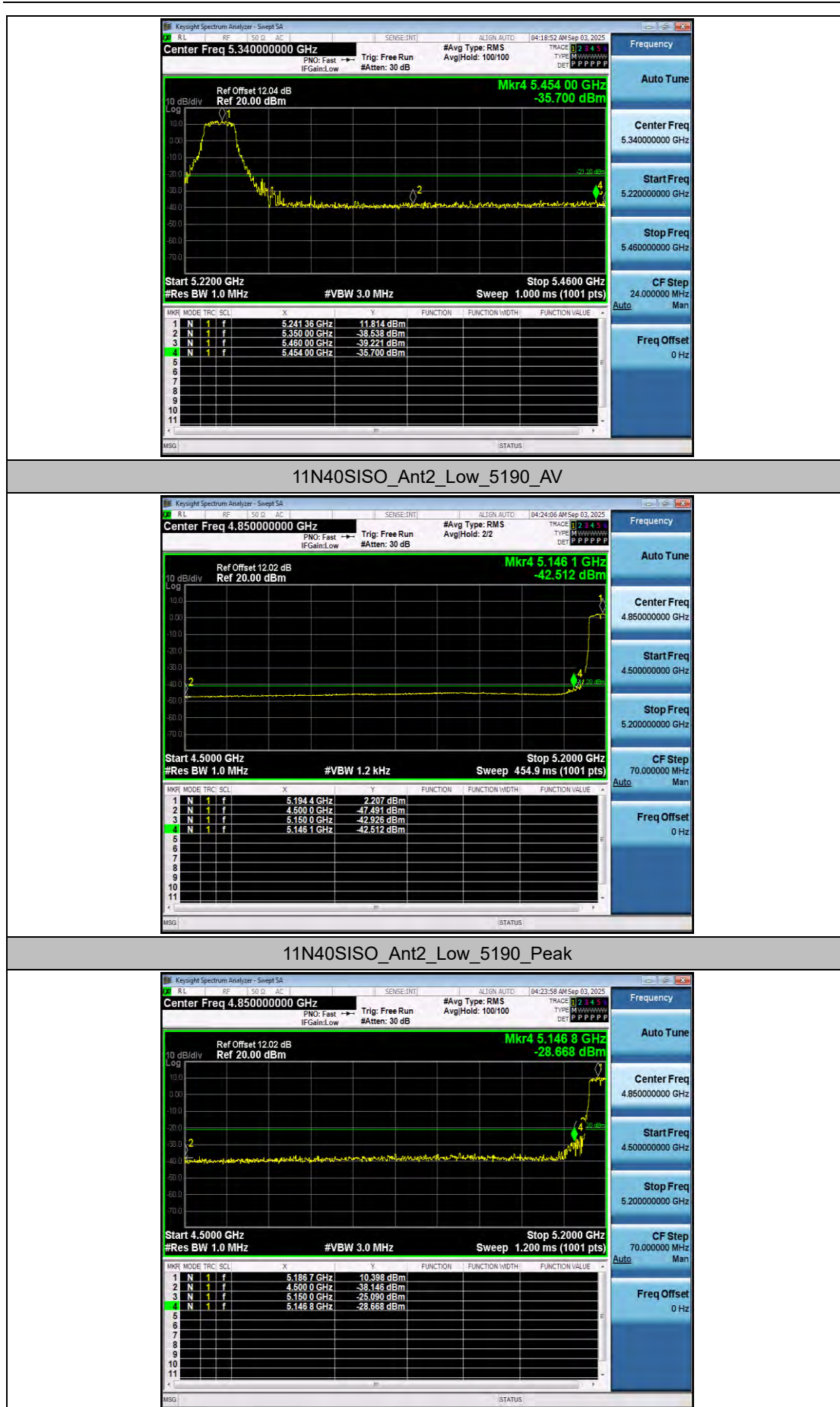
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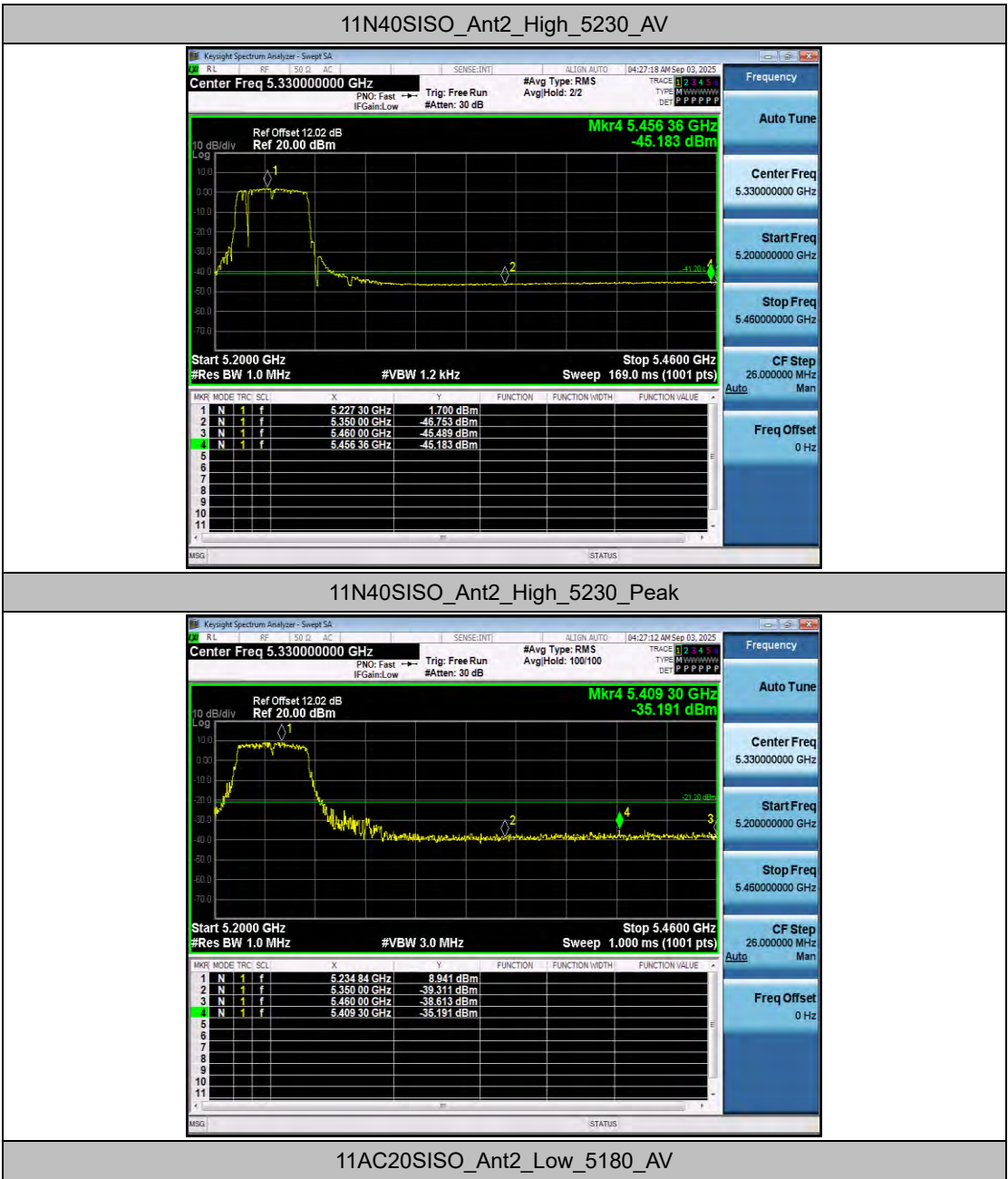


11N20SISO_Ant2_High_5240_AV



11N20SISO_Ant2_High_5240_Peak





11N40SISO_Ant2_High_5230_Peak

Frequency

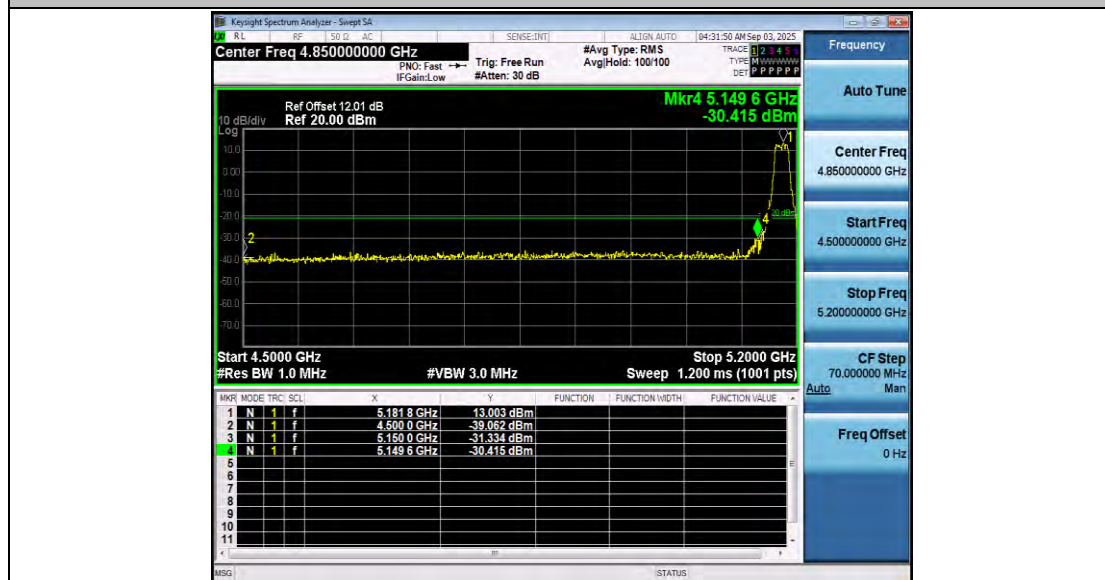
Auto Tune

Center Freq
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5.200000000 GHzStop Freq
5.460000000 GHzCF Step
26.0000000 MHz
ManFreq Offset
0 Hz

11AC20SISO_Ant2_Low_5180_AV

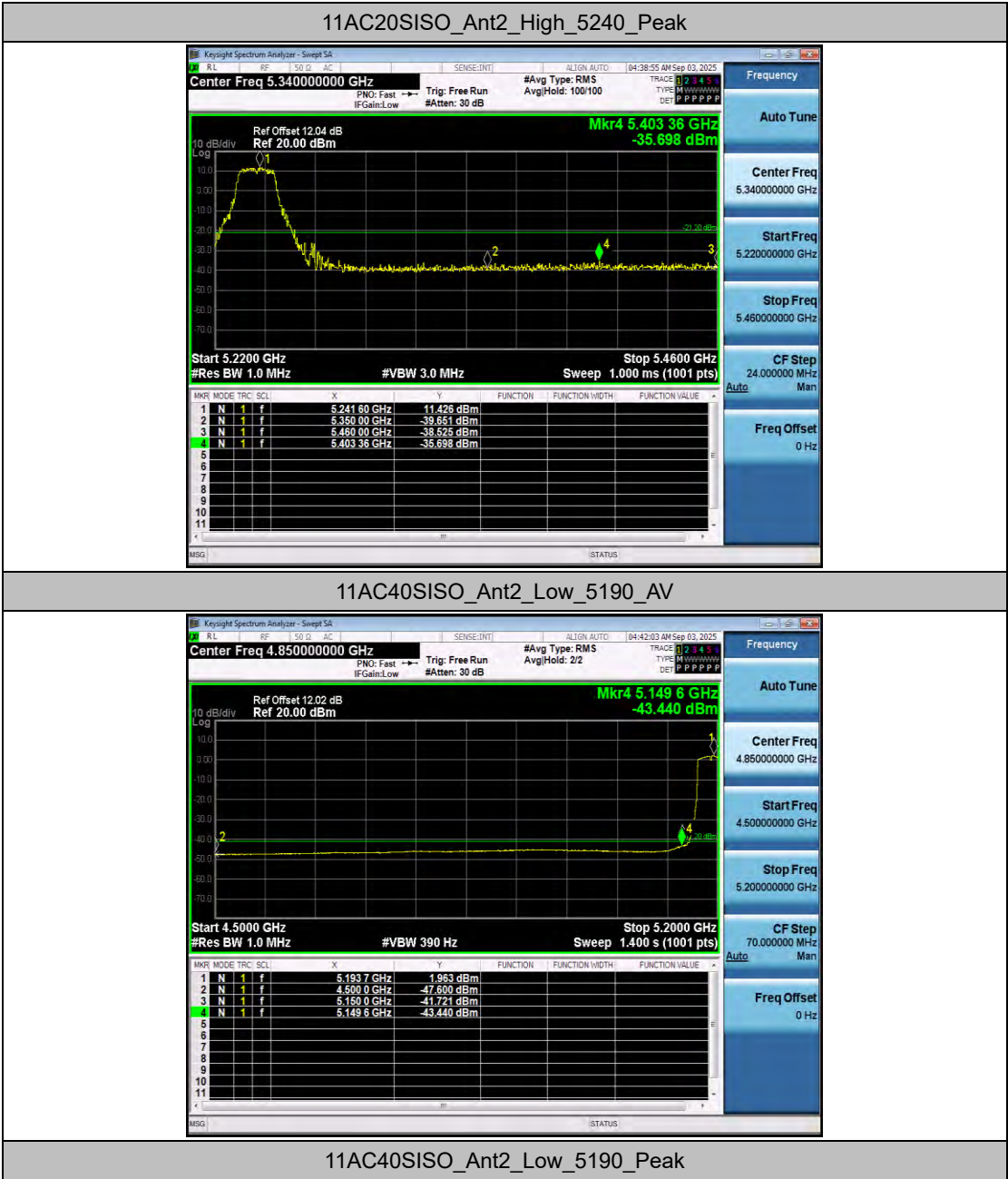


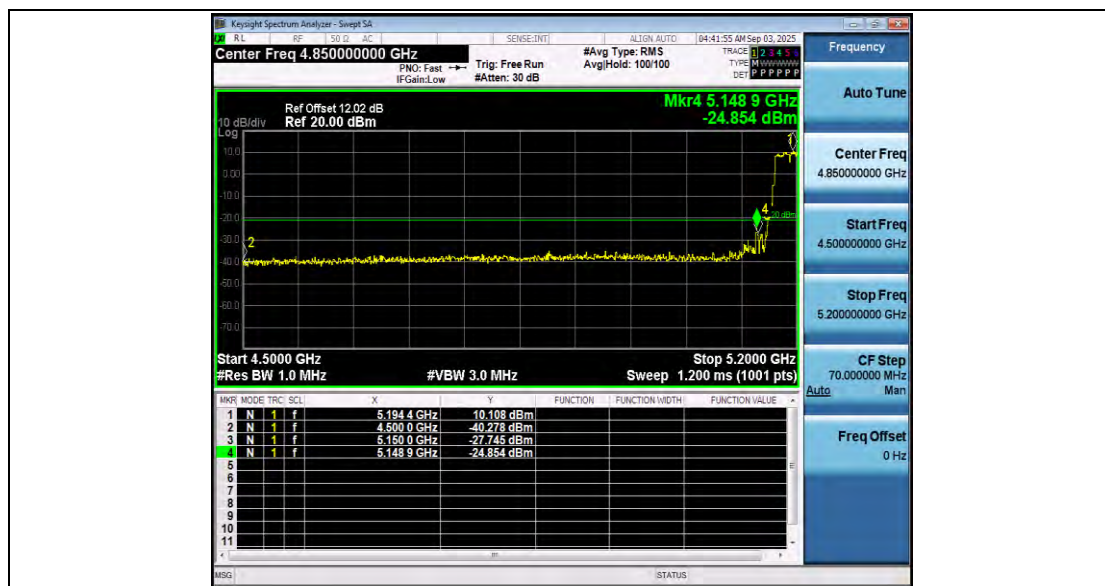
11AC20SISO_Ant2_Low_5180_Peak



11AC20SISO_Ant2_High_5240_AV







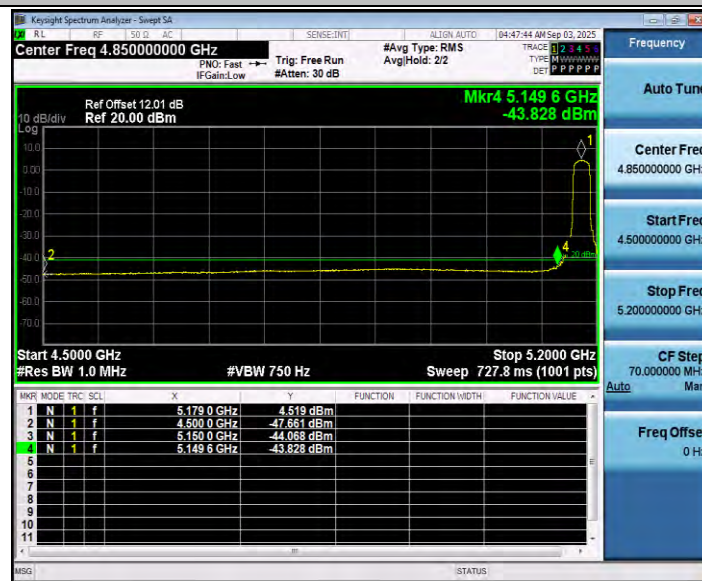
11AC40SISO_Ant2_High_5230_AV



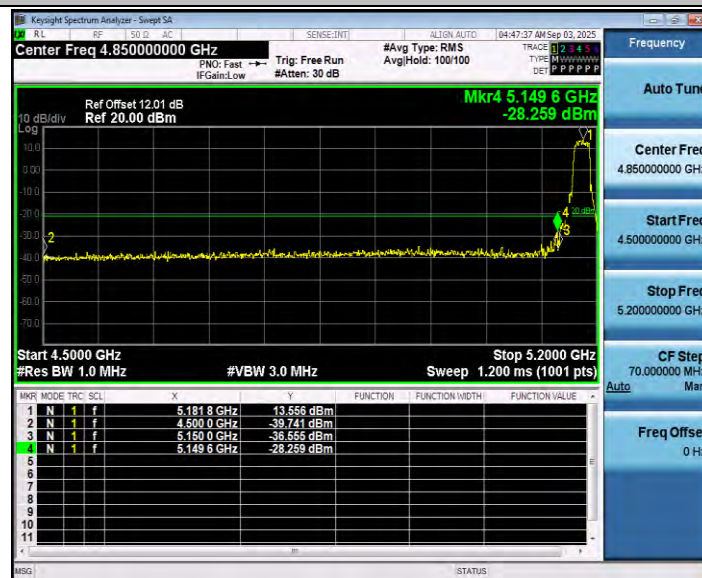
11AC40SISO_Ant2_High_5230_Peak



11AX20SISO_Ant2_Low_5180_AV



11AX20SISO_Ant2_Low_5180_Peak



11AX20SISO_Ant2_High_5240_AV



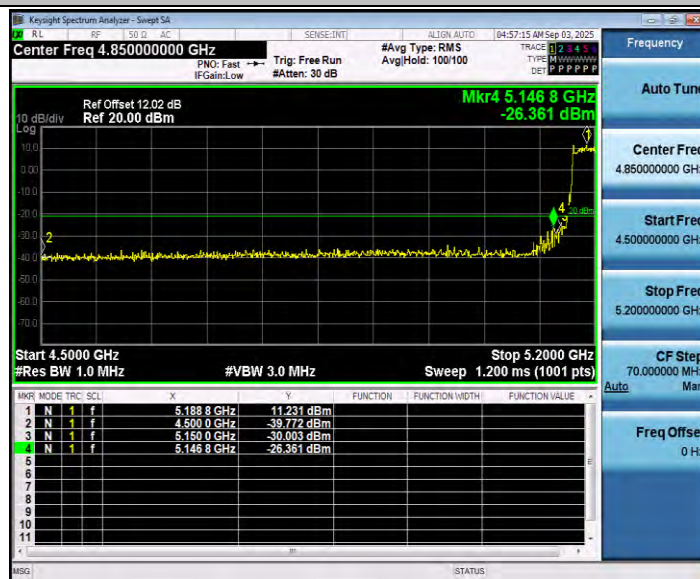
11AX20ISO_Ant2_High_5240_Peak



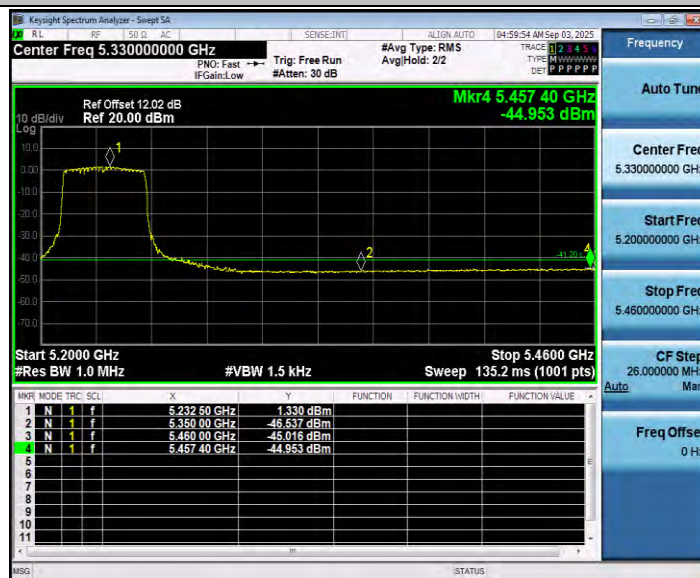
11AX40ISO_Ant2_Low_5190_AV



11AX40SISO_Ant2_Low_5190_Peak



11AX40SISO_Ant2_High_5230_AV



11AX40SISO_Ant2_High_5230_Peak

