

Appendix D.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.83	85.71	0.67	12.50	≤23.98	PASS
		5200	12.09	85.71	0.67	12.76	≤23.98	PASS
		5240	11.69	80.95	0.92	12.61	≤23.98	PASS
11N20SI SO	Ant1	5180	15.65	97.89	0.09	15.74	≤23.98	PASS
		5200	15.90	97.89	0.09	15.99	≤23.98	PASS
		5240	15.33	94.67	0.24	15.57	≤23.98	PASS
11N40SI SO	Ant1	5190	10.22	69.66	1.57	11.79	≤23.98	PASS
		5230	10.15	69.38	1.59	11.74	≤23.98	PASS
11AC20 SISO	Ant1	5180	11.83	85.00	0.71	12.54	≤23.98	PASS
		5200	5.49	20.99	6.78	12.27	≤23.98	PASS
		5240	7.93	38.37	4.16	12.09	≤23.98	PASS
11AC40 SISO	Ant1	5190	8.61	50.69	2.95	11.56	≤23.98	PASS
		5230	8.73	57.45	2.41	11.14	≤23.98	PASS
11AC80 SISO	Ant1	5210	7.19	42.34	3.73	10.92	≤23.98	PASS
11AX20 SISO	Ant1	5180	11.69	84.21	0.75	12.44	≤23.98	PASS
		5200	5.26	18.99	7.21	12.47	≤23.98	PASS
		5240	8.31	35.63	4.48	12.79	≤23.98	PASS
11AX40 SISO	Ant1	5190	8.45	40.69	3.91	12.36	≤23.98	PASS
		5230	8.33	46.81	3.30	11.63	≤23.98	PASS
11AX80 SISO	Ant1	5210	8.14	44.34	3.53	11.67	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix D.5: Maximum power spectral density

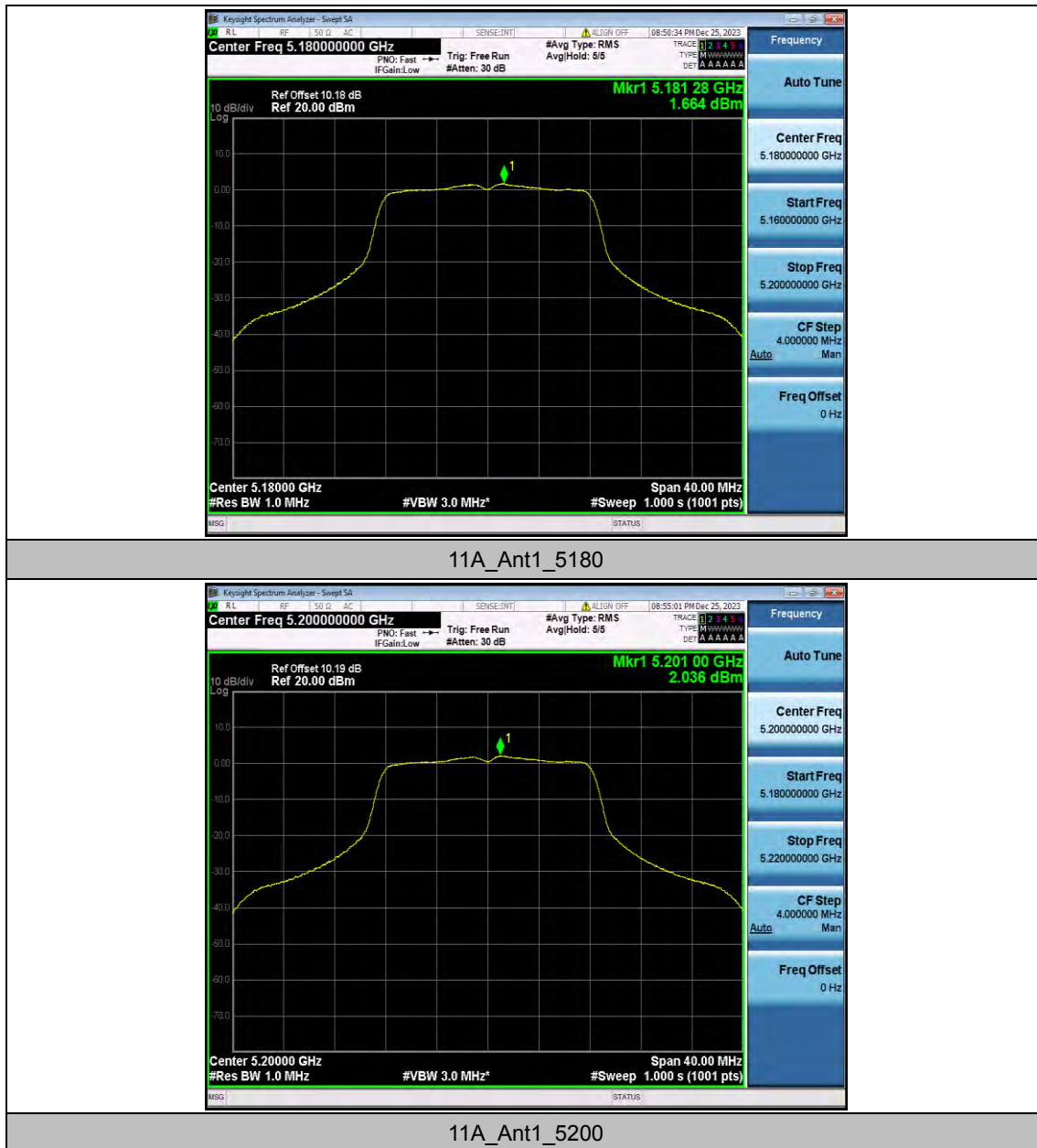
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.66	≤11.00	PASS
		5200	2.04	≤11.00	PASS
		5240	2.07	≤11.00	PASS
11N20SISO	Ant1	5180	4.82	≤11.00	PASS
		5200	4.99	≤11.00	PASS
		5240	4.76	≤11.00	PASS
11N40SISO	Ant1	5190	-1.07	≤11.00	PASS
		5230	-1.07	≤11.00	PASS
11AC20SISO	Ant1	5180	1.38	≤11.00	PASS
		5200	3.18	≤11.00	PASS
		5240	2.48	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.22	≤11.00	PASS
		5230	-0.78	≤11.00	PASS
11AC80SISO	Ant1	5210	-3.86	≤11.00	PASS
11AX20SISO	Ant1	5180	1	≤11.00	PASS
		5200	3.27	≤11.00	PASS
		5240	3.02	≤11.00	PASS
11AX40SISO	Ant1	5190	-1.16	≤11.00	PASS
		5230	-2.05	≤11.00	PASS
11AX80SISO	Ant1	5210	-4.64	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



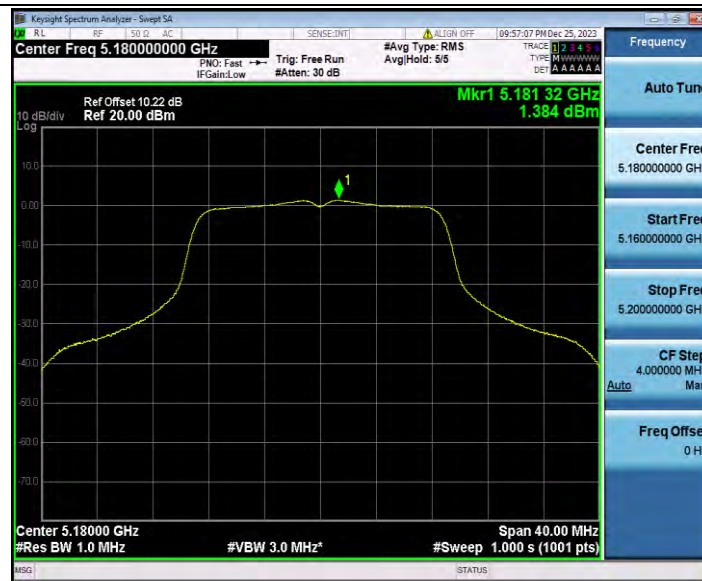
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



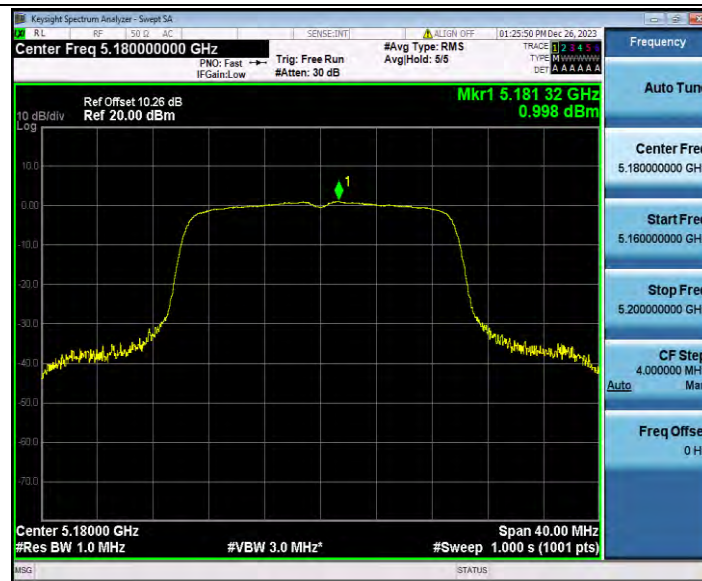
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

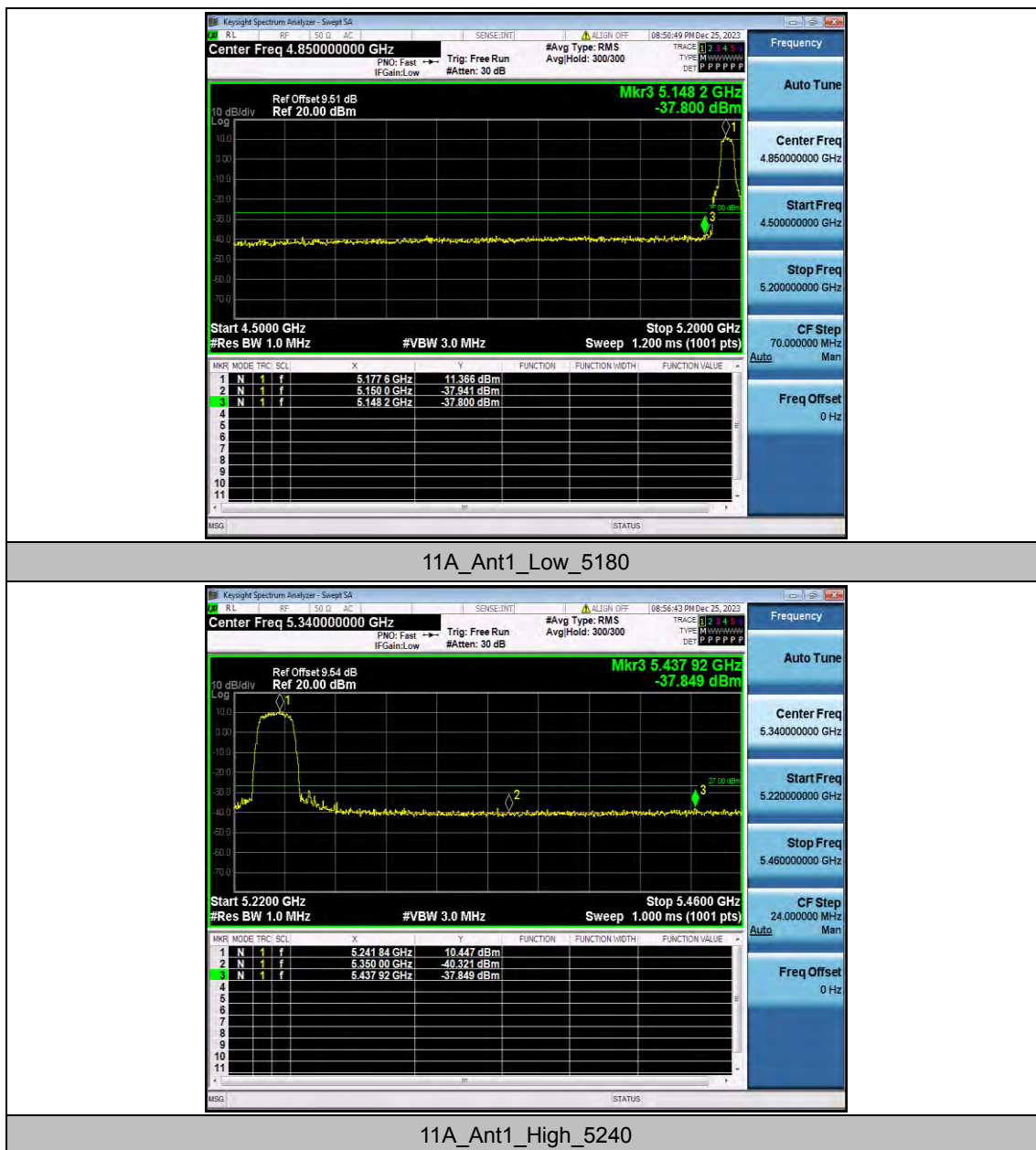


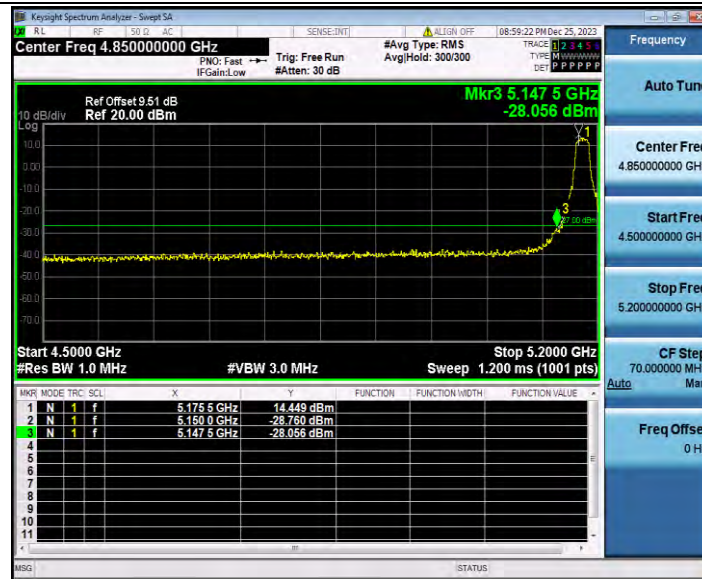
Appendix D.6: Band edge measurements

Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.8	≤ -27	PASS
		High	5240	-37.85	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-28.06	≤ -27	PASS
		High	5240	-37.72	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-37.82	≤ -27	PASS
		High	5230	-37.66	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.69	≤ -27	PASS
		High	5240	-38.35	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.31	≤ -27	PASS
		High	5230	-38.43	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-37.5	≤ -27	PASS
		High	5210	-38.93	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-33.05	≤ -27	PASS
		High	5240	-37.83	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-35.03	≤ -27	PASS
		High	5230	-38.29	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-34.38	≤ -27	PASS
		High	5210	-38.53	≤ -27	PASS

Test Graphs B1

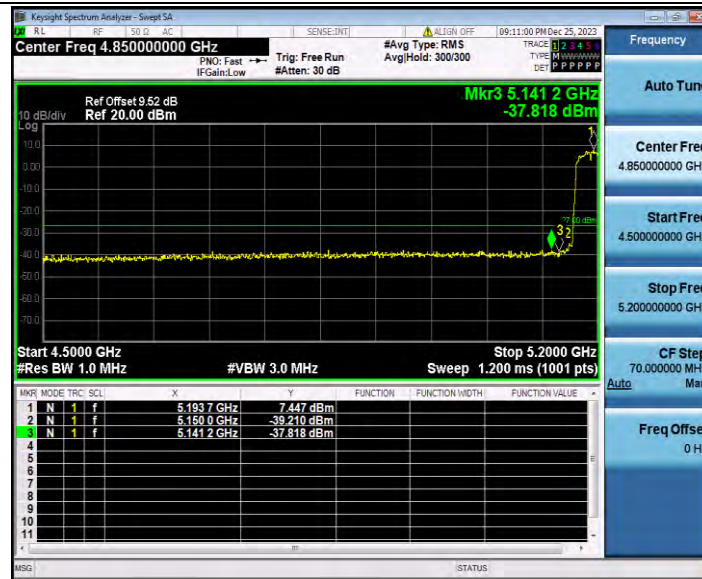




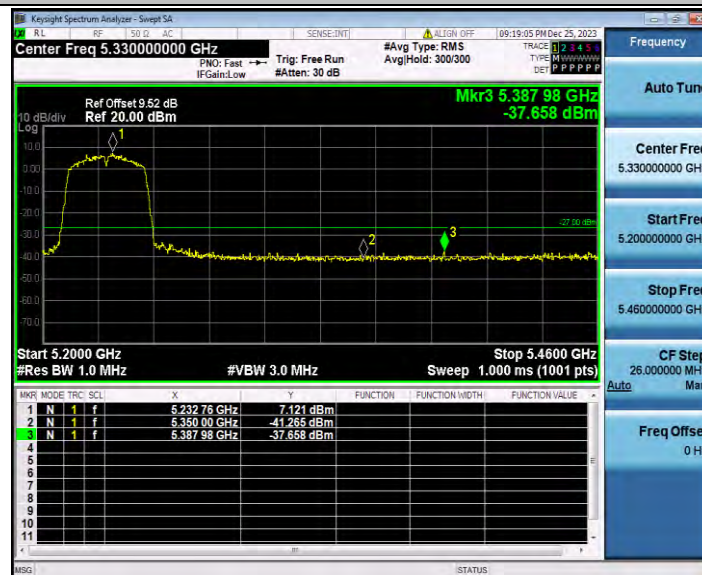
11N20SISO_Ant1_Low_5180



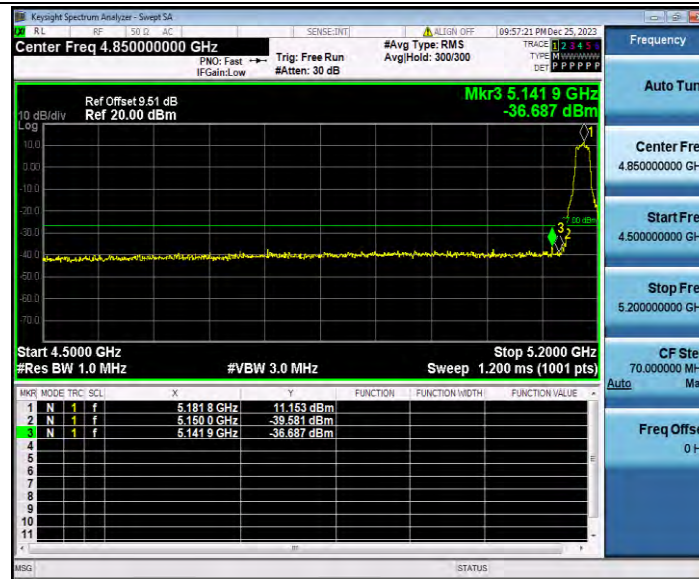
11N20SISO_Ant1_High_5240



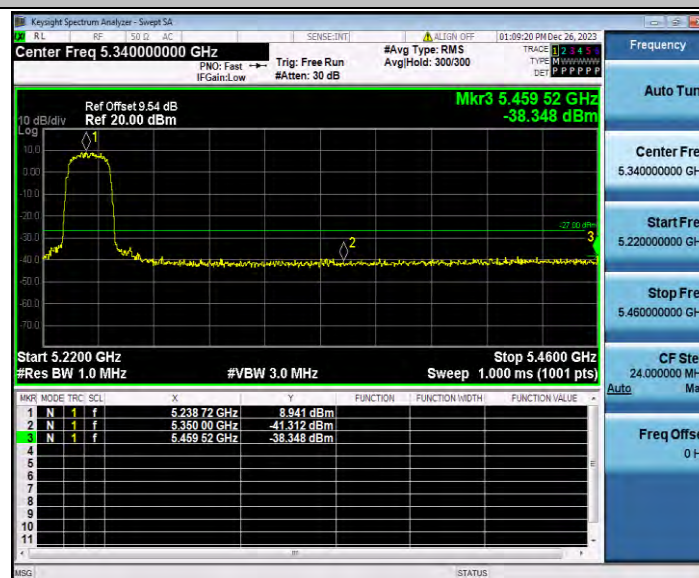
11N40SISO_Ant1_Low_5190



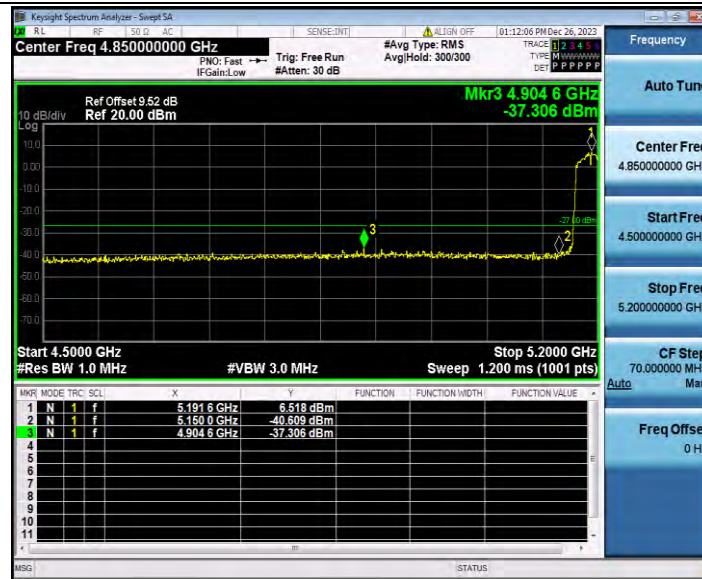
11N40SISO_Ant1_High_5230



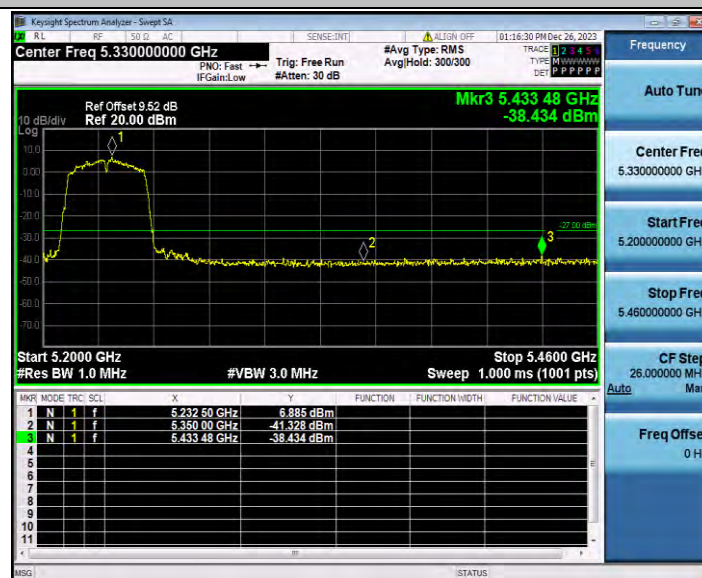
11AC20SISO_Ant1_Low_5180



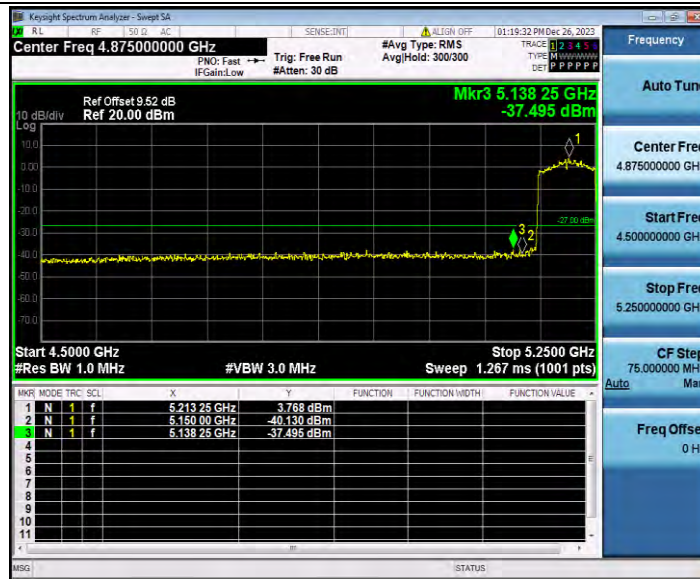
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



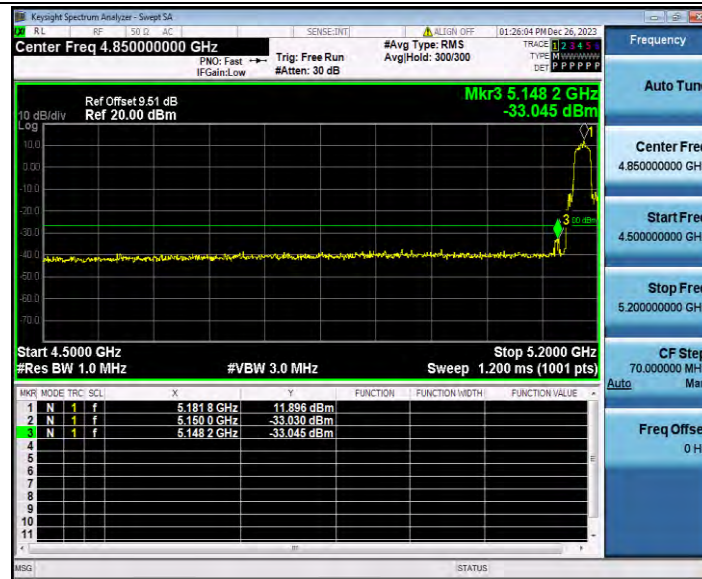
11AC40SISO_Ant1_High_5230



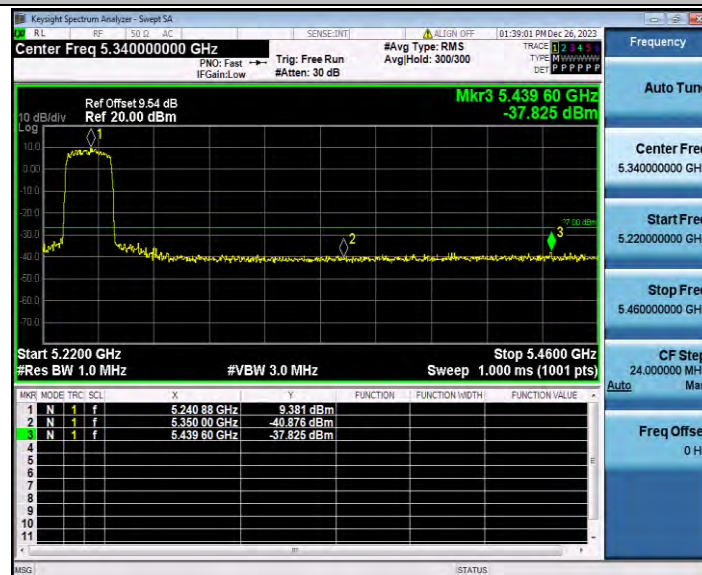
11AC80SISO_Ant1_Low_5210



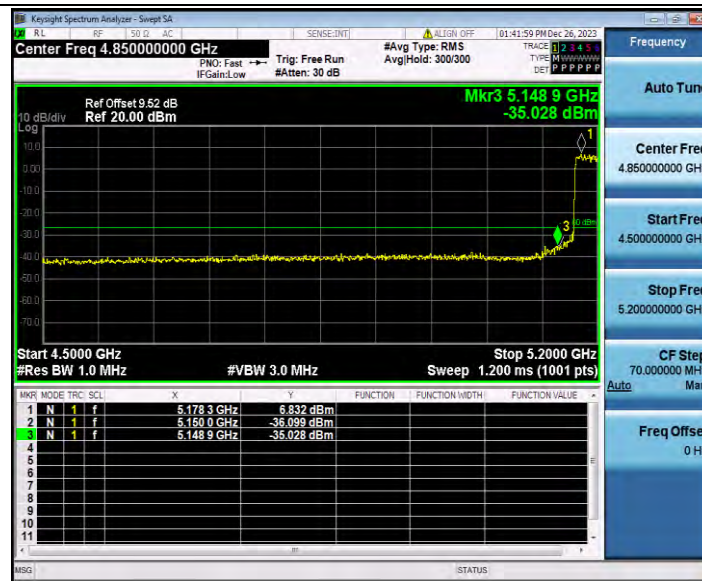
11AC80SISO_Ant1_High_5210



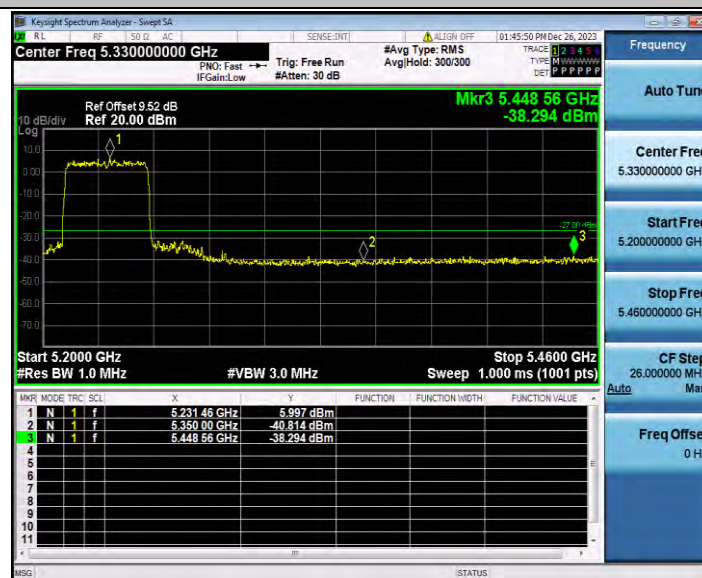
11AX20SISO_Ant1_Low_5180



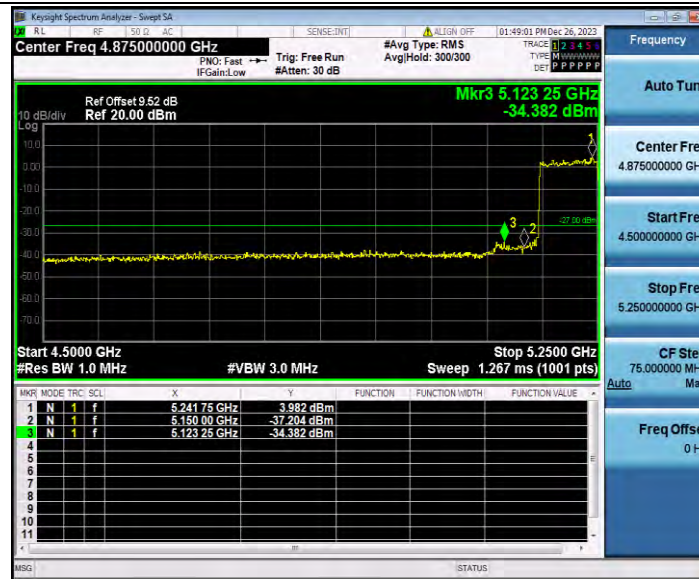
11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210

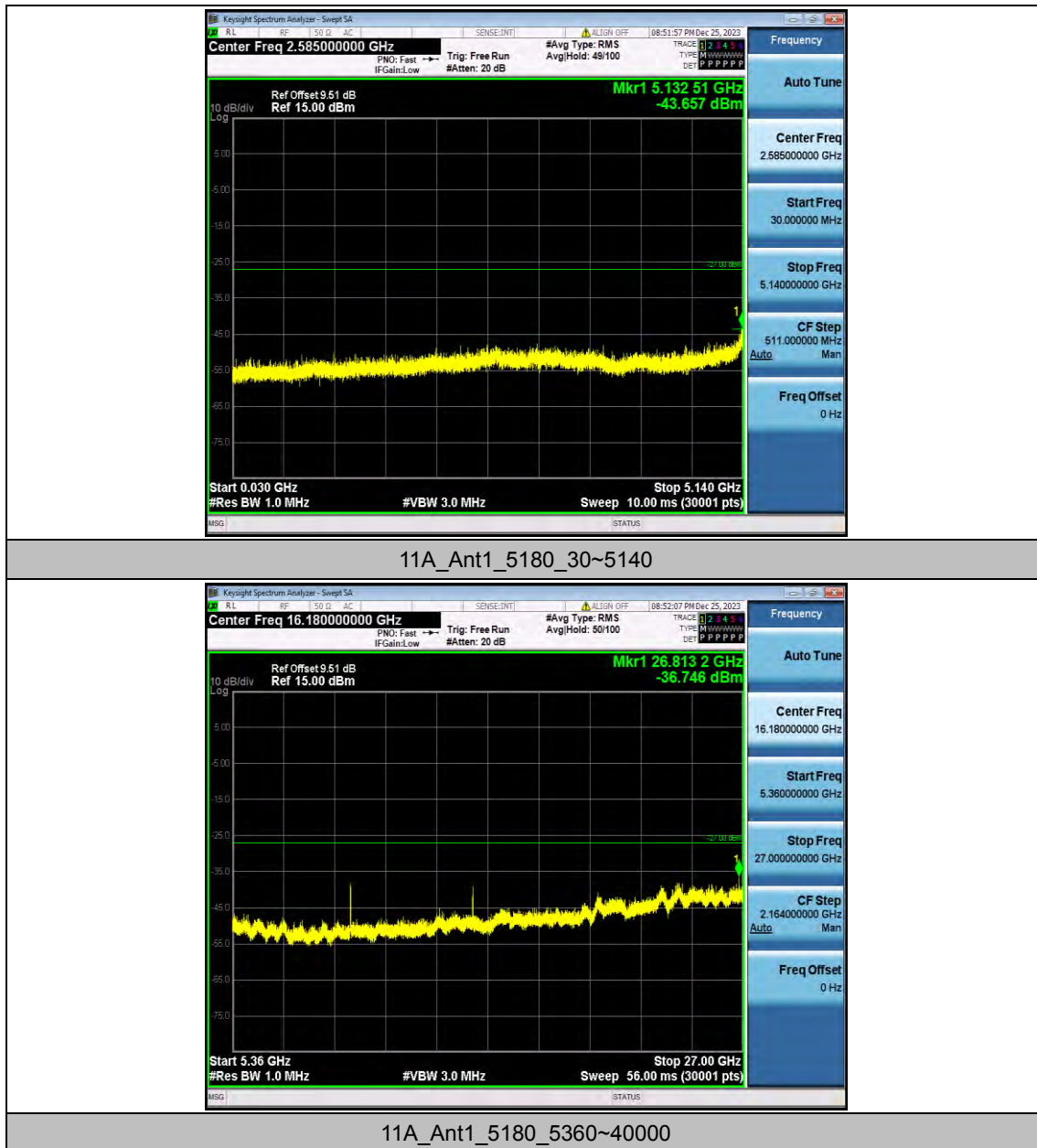
Appendix D.7: Conducted Spurious Emission

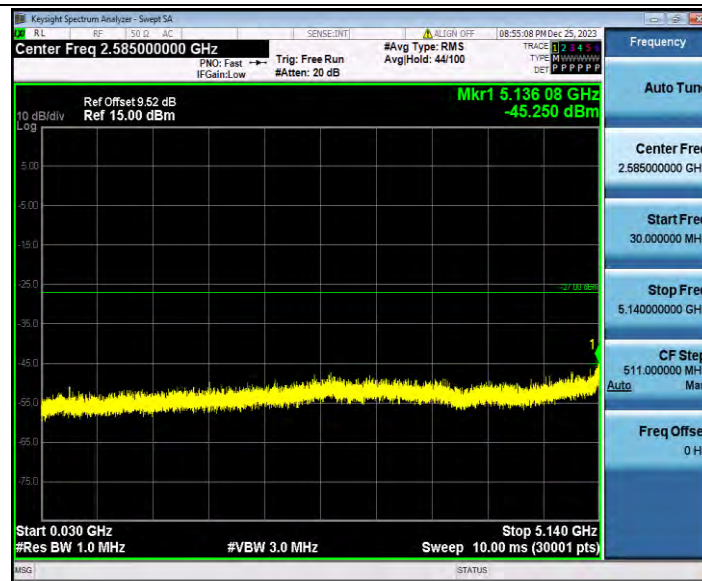
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5132.51	-43.66	≤-27	PASS
			5360~40000	26813.17	-36.75	≤-27	PASS
		5200	30~5140	5136.08	-45.25	≤-27	PASS
			5360~40000	10401.4	-37.33	≤-27	PASS
		5240	30~5140	5094.69	-45.75	≤-27	PASS
			5360~40000	10482.91	-37.07	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5136.08	-33.72	≤-27	PASS
			5360~40000	15535.85	-34.27	≤-27	PASS
		5200	30~5140	5139.83	-40.08	≤-27	PASS
			5360~40000	10394.19	-34.61	≤-27	PASS
		5240	30~5140	5135.57	-45.74	≤-27	PASS
			5360~40000	10480.75	-34.83	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5131.14	-44.34	≤-27	PASS
			5360~40000	24216.37	-38.4	≤-27	PASS
		5230	30~5140	4946.67	-46.31	≤-27	PASS
			5360~40000	24769.64	-37.98	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5136.59	-44.58	≤-27	PASS
			5360~40000	26741.04	-38.49	≤-27	PASS
		5200	30~5140	2331.54	-43.35	≤-27	PASS
			5360~40000	10399.23	-37.94	≤-27	PASS
		5240	30~5140	2529.81	-47.08	≤-27	PASS
			5360~40000	10482.19	-36.07	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5126.03	-45.07	≤-27	PASS
			5360~40000	26073.09	-38.67	≤-27	PASS
		5230	30~5140	2685.5	-47.34	≤-27	PASS
			5360~40000	23592.42	-39	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5113.43	-41.31	≤-27	PASS
			5360~40000	23554.19	-38.47	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5138.98	-44.8	≤-27	PASS
			5360~40000	10358.84	-36.36	≤-27	PASS
		5200	30~5140	5003.73	-46.95	≤-27	PASS
			5360~40000	10398.51	-37.6	≤-27	PASS
		5240	30~5140	3186.62	-46.41	≤-27	PASS
			5360~40000	10478.58	-37.76	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5133.53	-40.83	≤-27	PASS
			5360~40000	24258.21	-38.77	≤-27	PASS

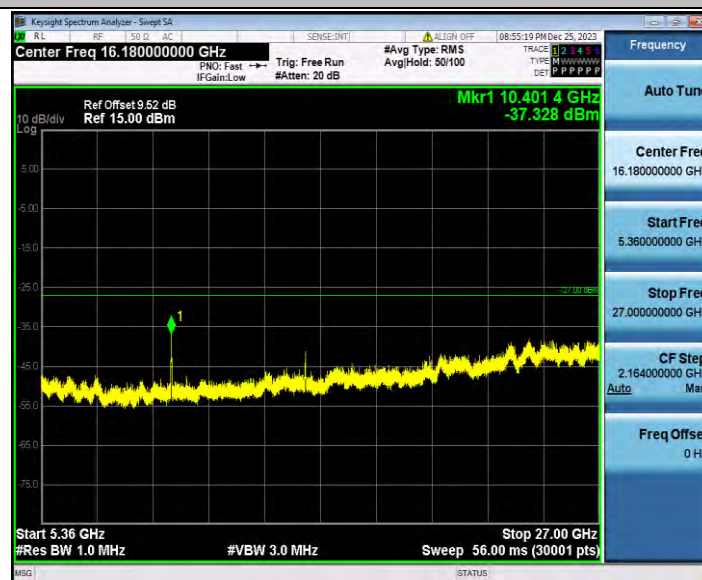
		5230	30~5140	5099.63	-47.03	≤-27	PASS
			5360~40000	23554.19	-38.39	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5116.66	-37.19	≤-27	PASS
			5360~40000	24800.65	-38.42	≤-27	PASS

Test Graphs

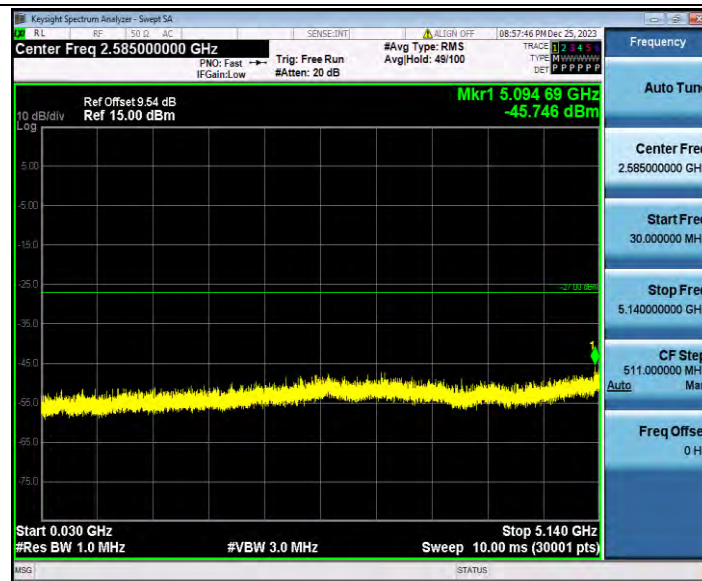




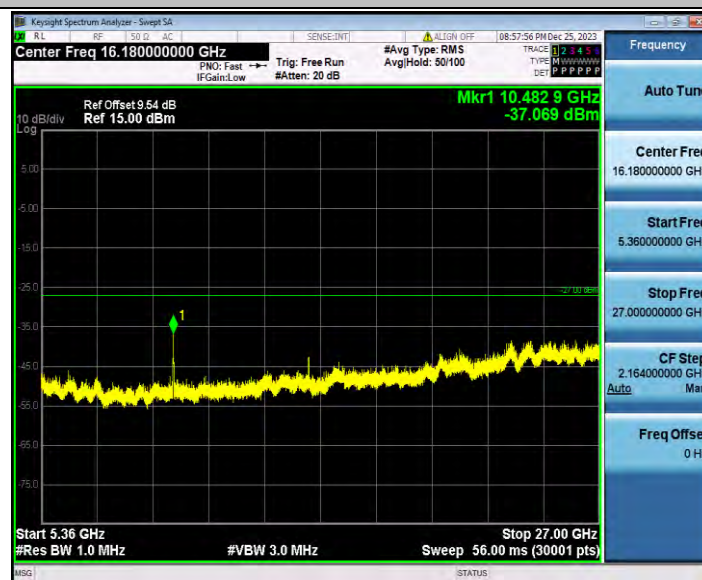
11A_Ant1_5200_30~5140



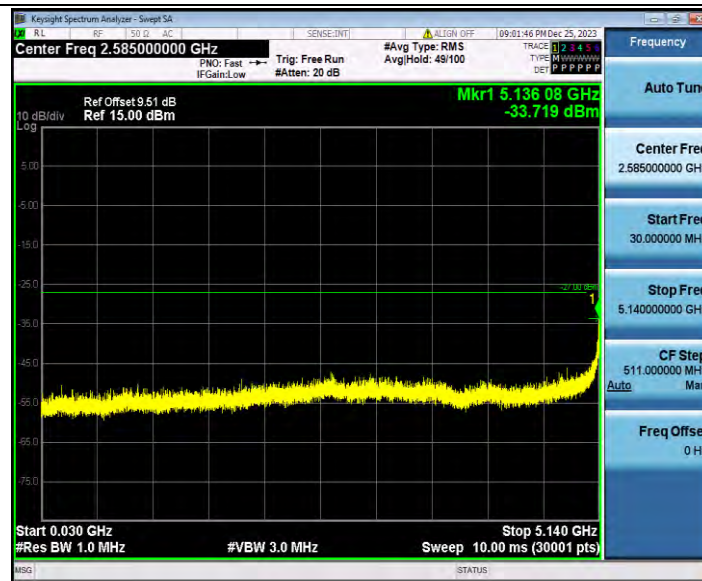
11A_Ant1_5200_5360~40000



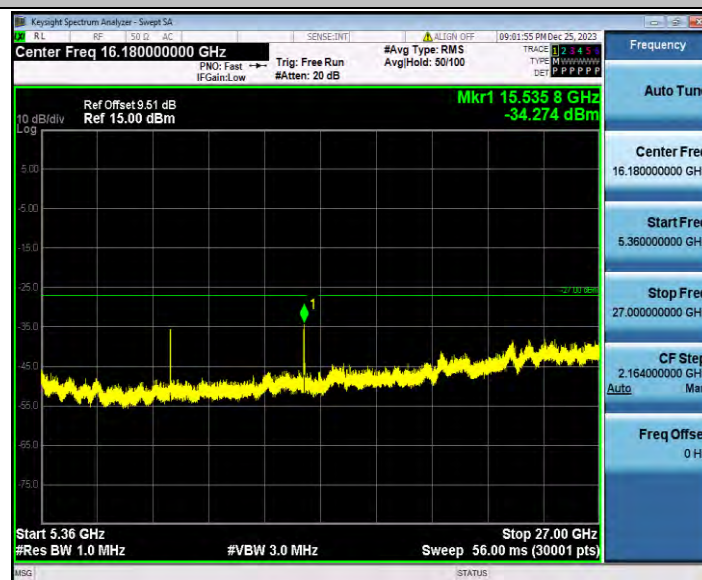
11A_Ant1_5240_30~5140



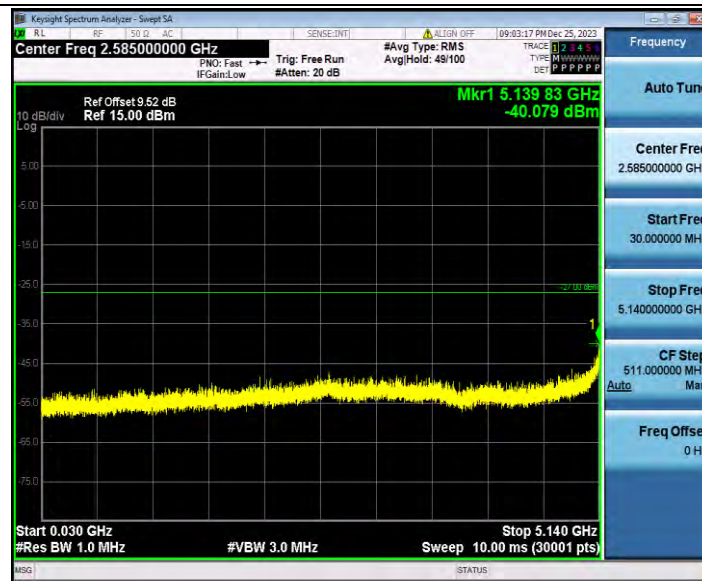
11A_Ant1_5240_5360~40000



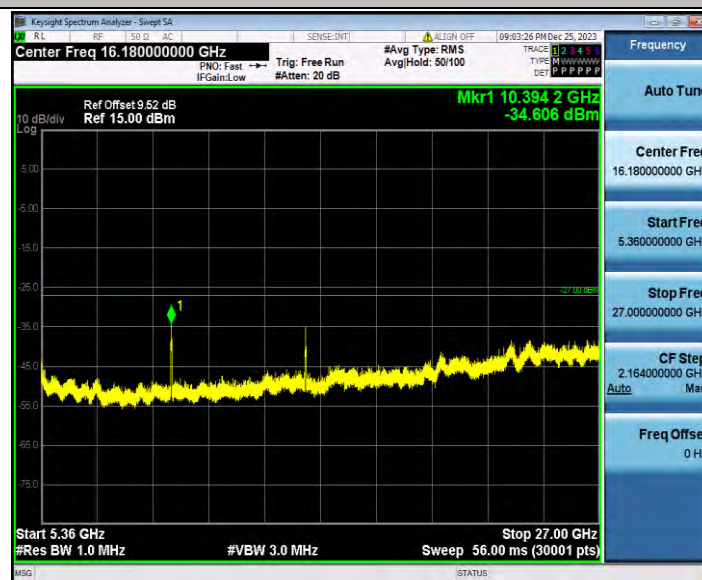
11N20SISO_Ant1_5180_30~5140



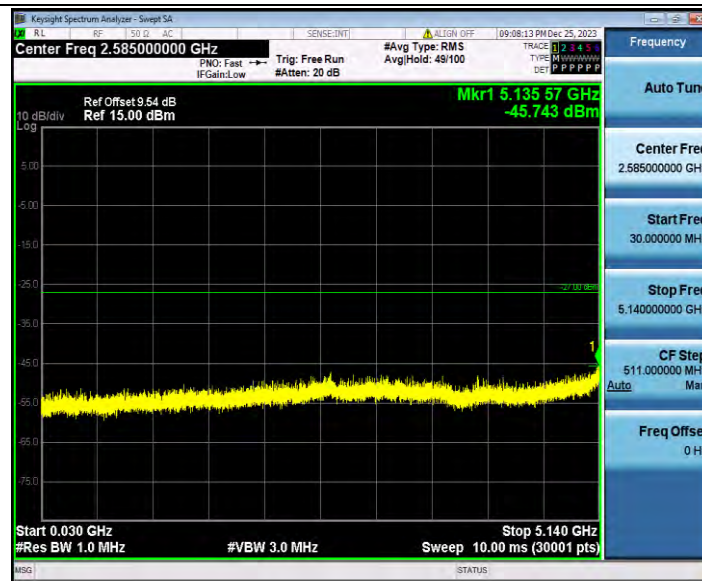
11N20SISO_Ant1_5180_5360~40000



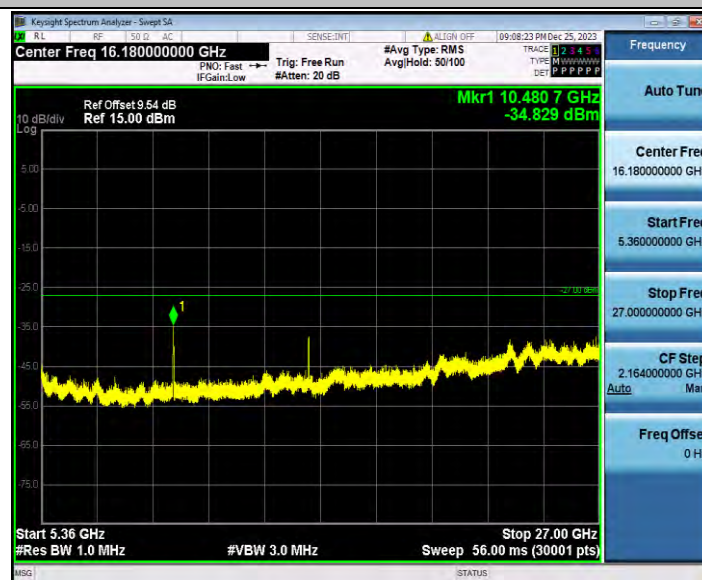
11N20SISO_Ant1_5200_30~5140



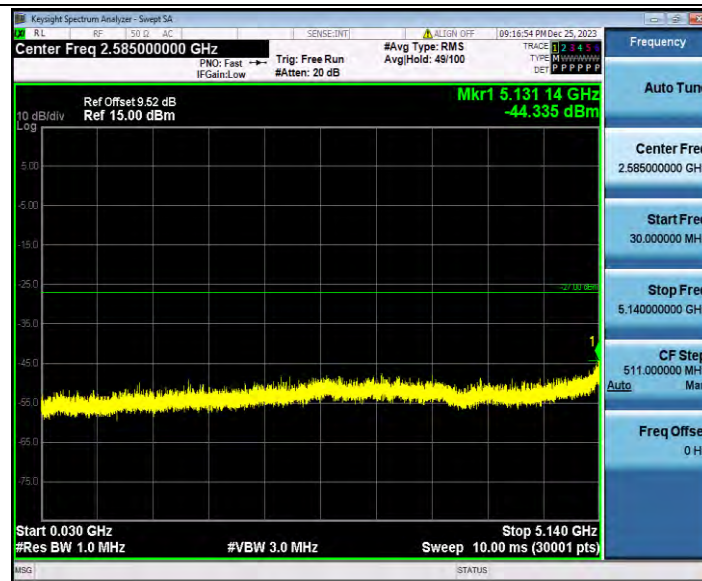
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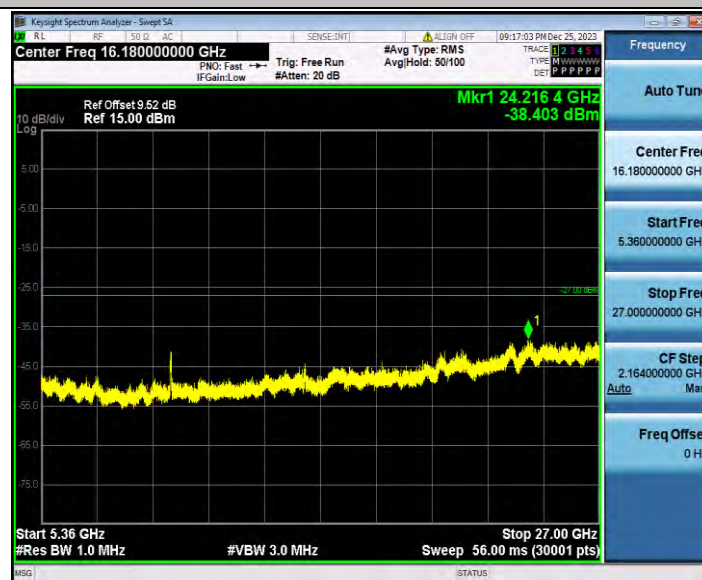
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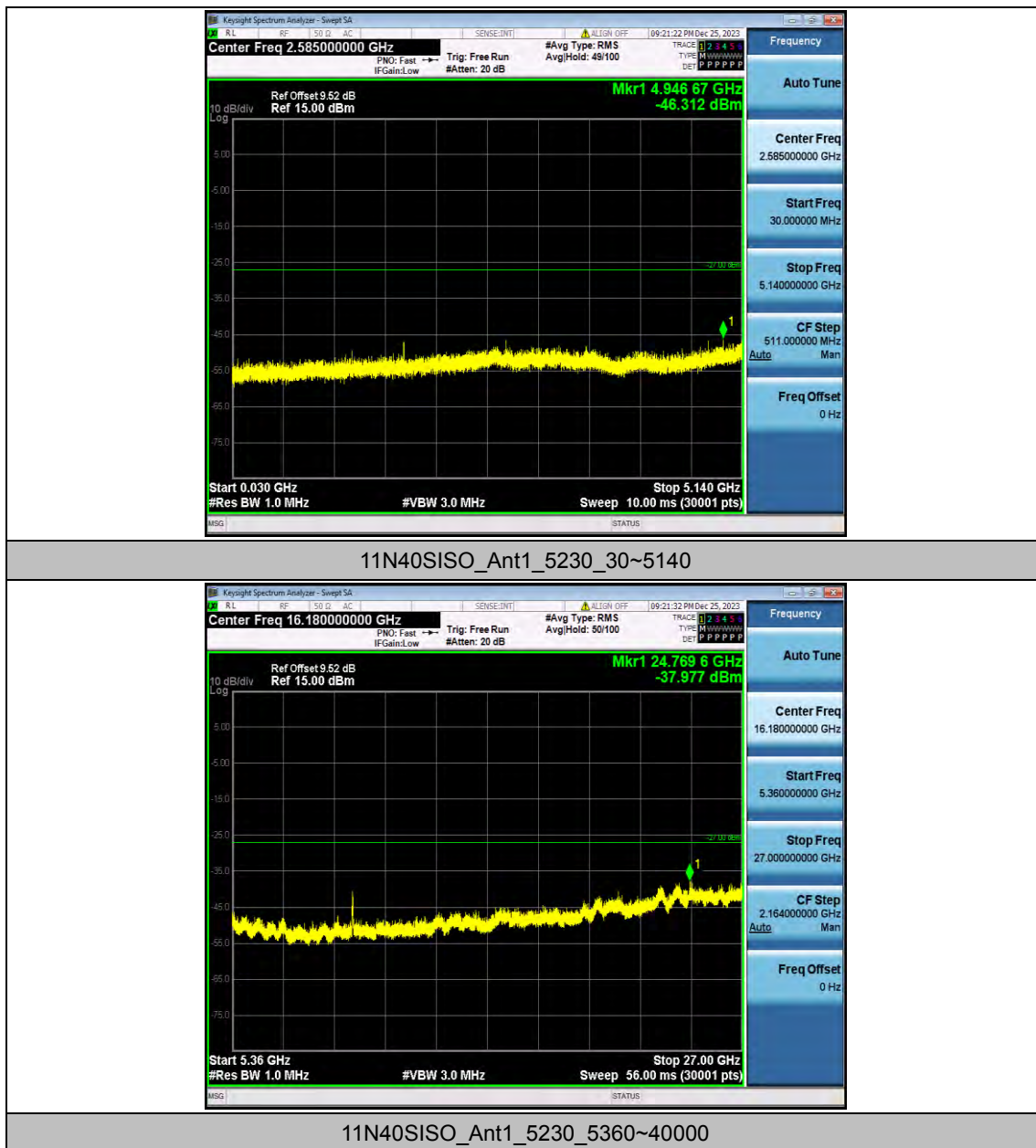
11N20SISO_Ant1_5240_5360~40000

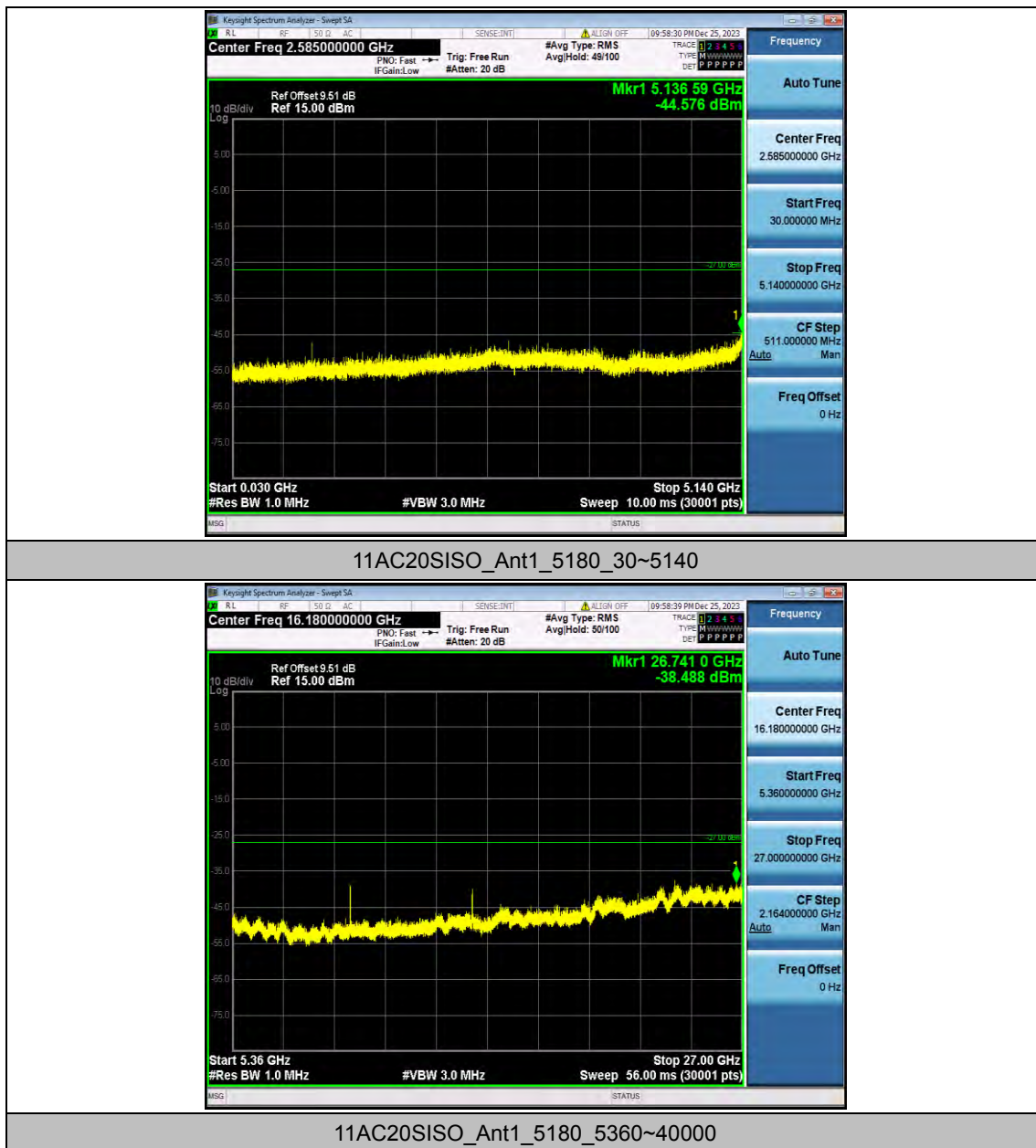


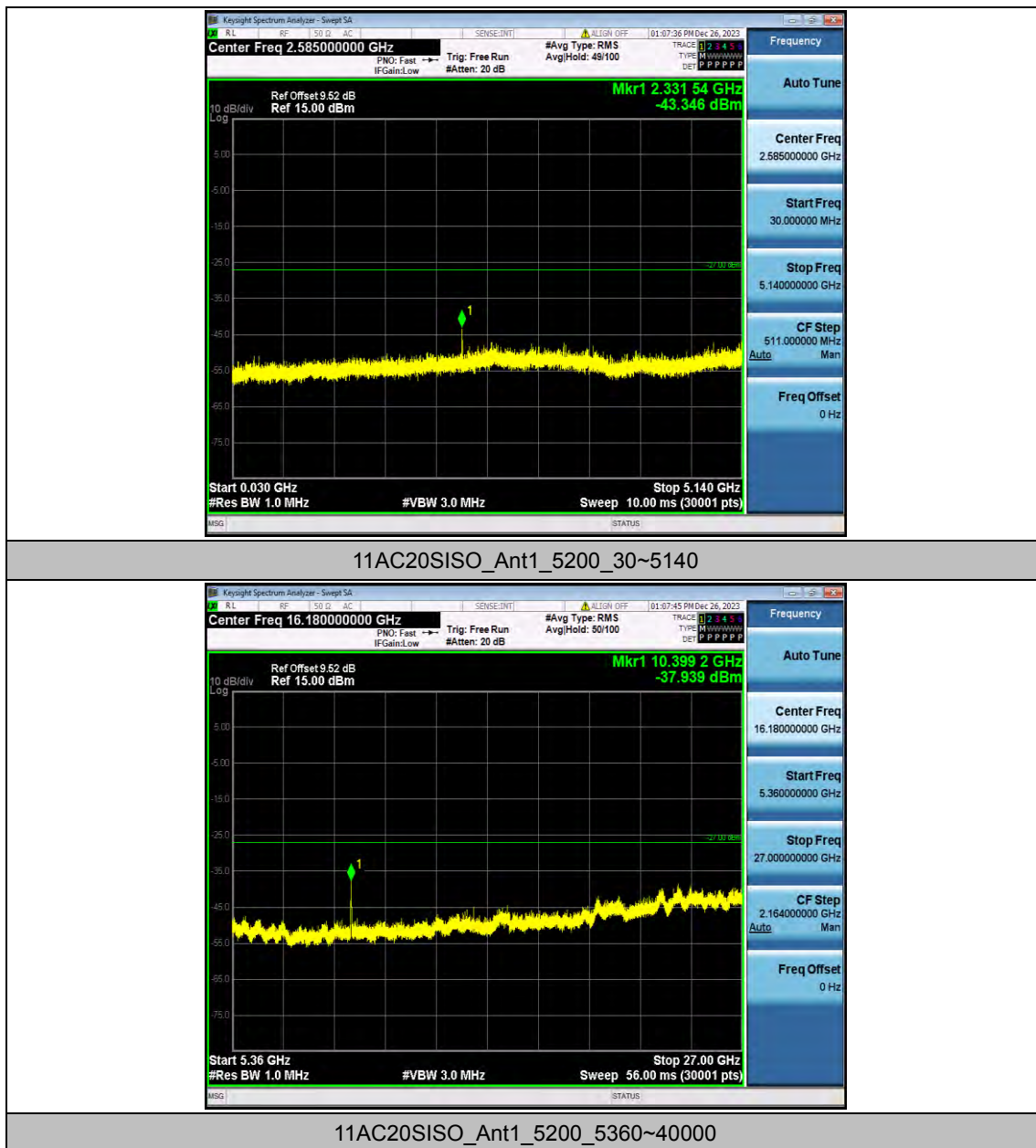
11N40SISO_Ant1_5190_30~5140

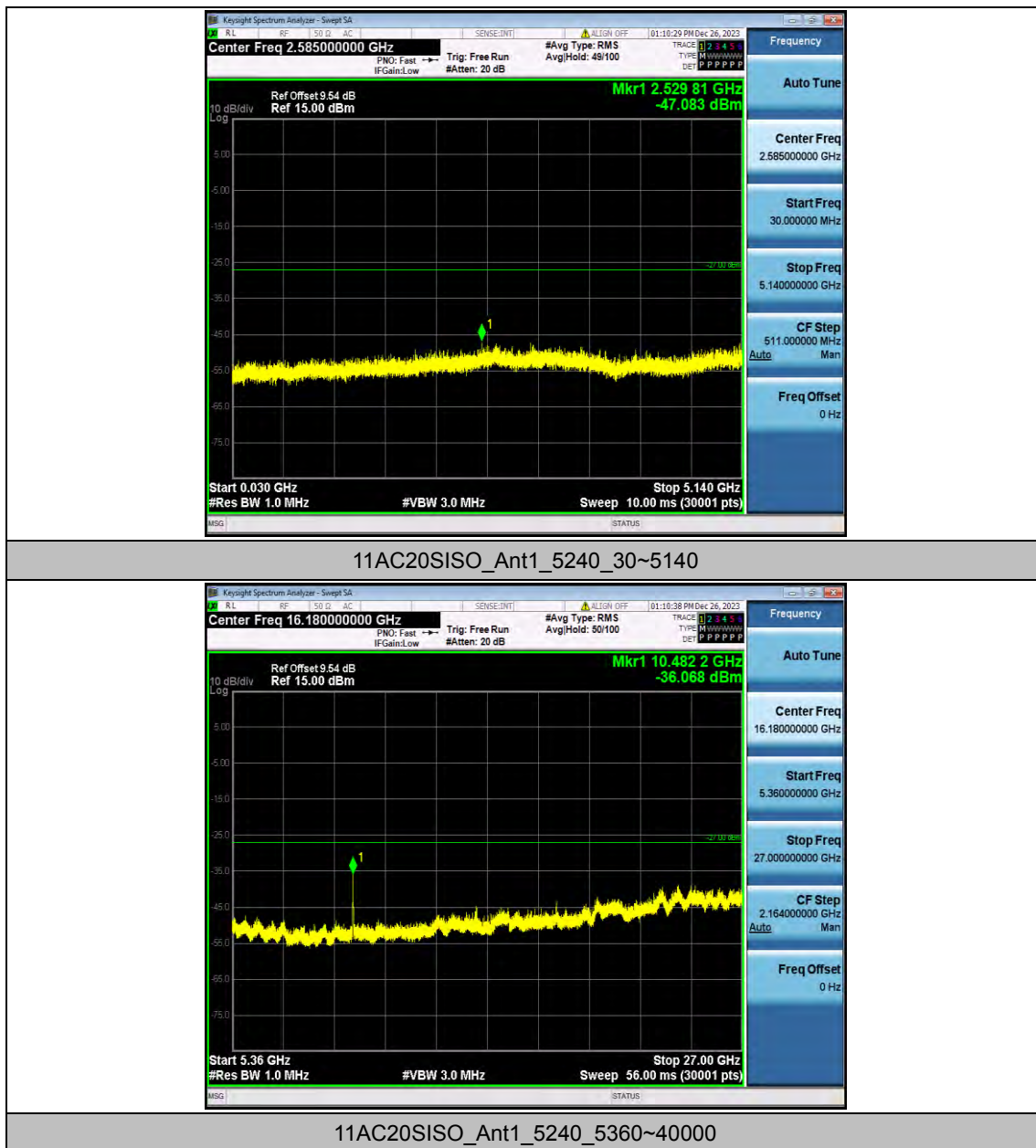


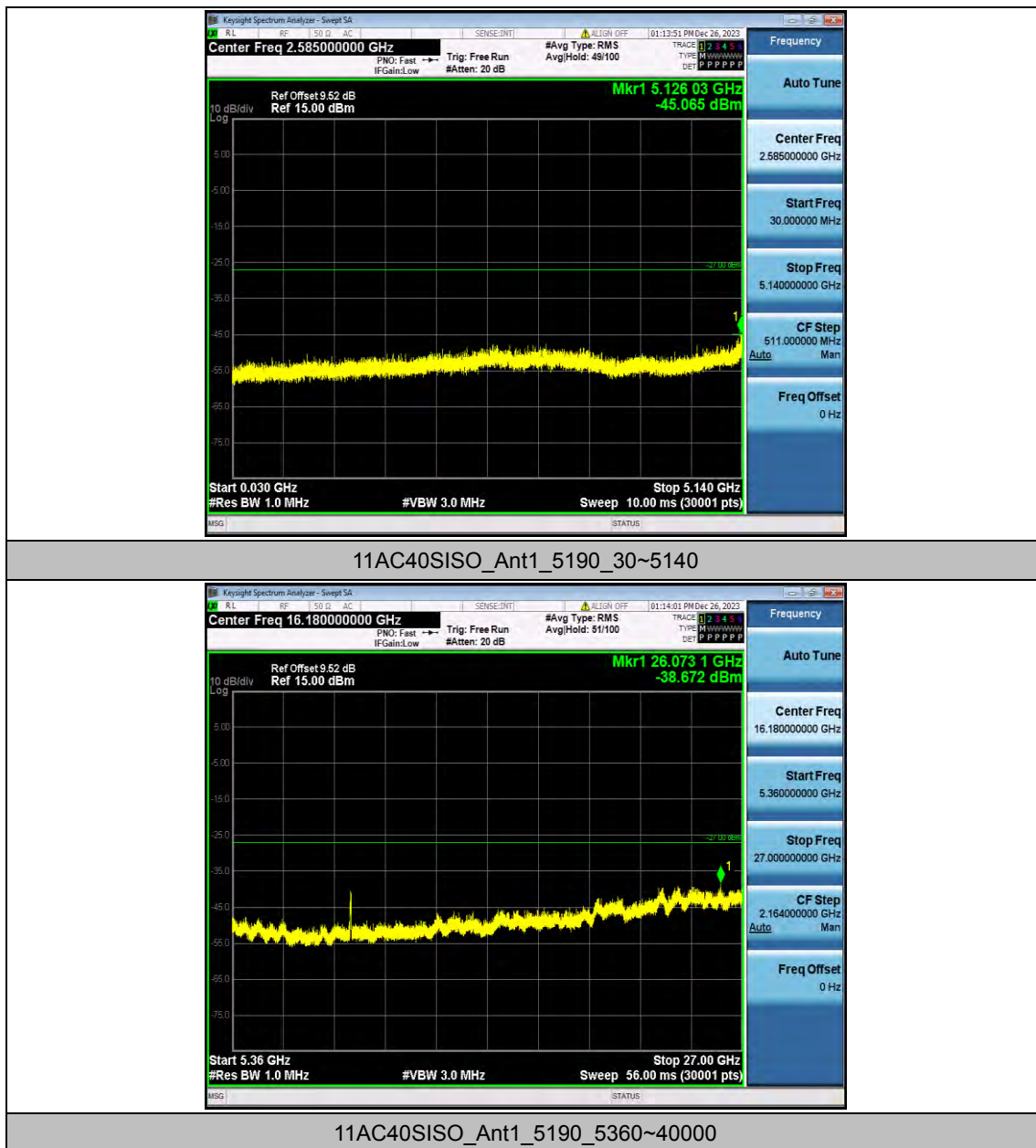
11N40SISO_Ant1_5190_5360~40000

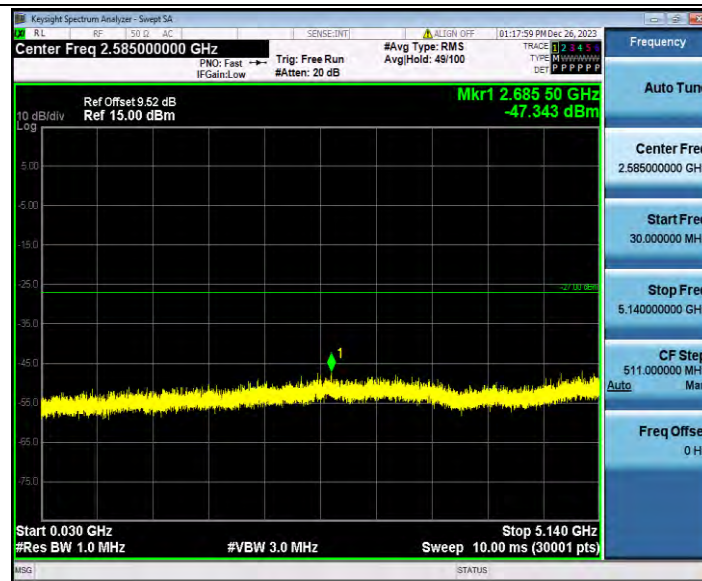




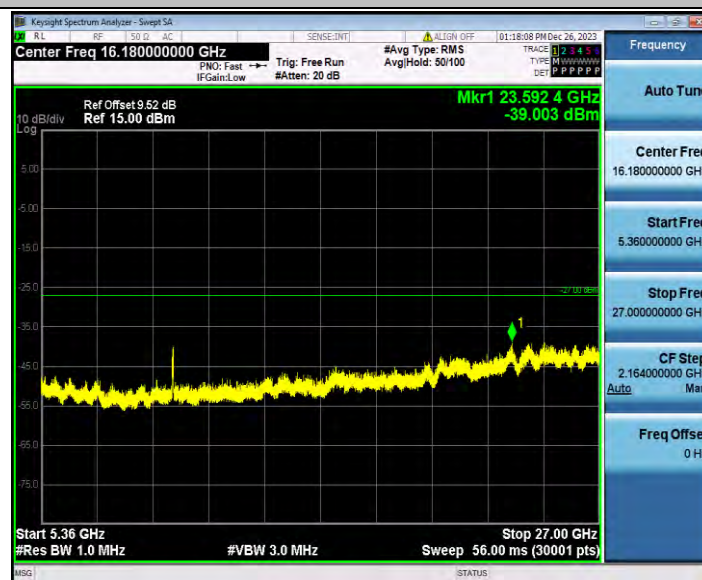




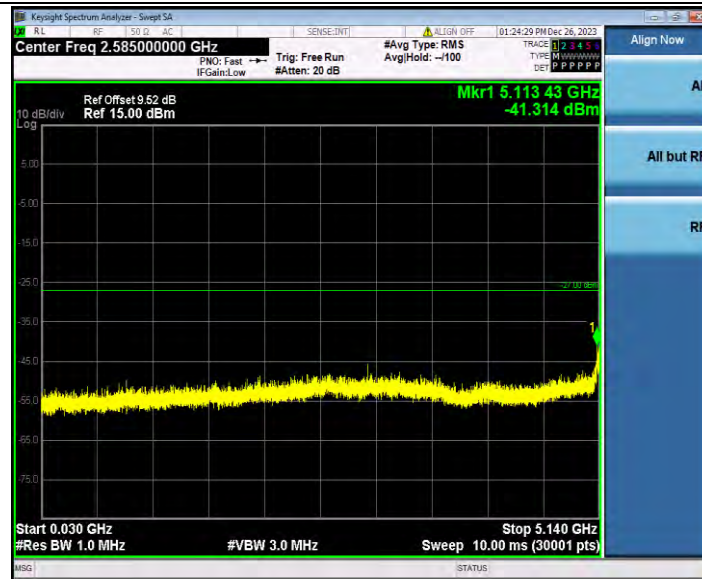




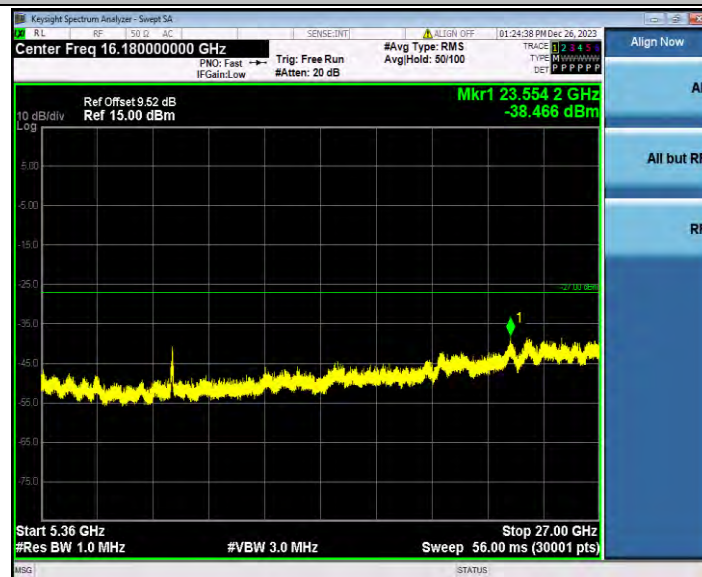
11AC40SISO_Ant1_5230_30~5140



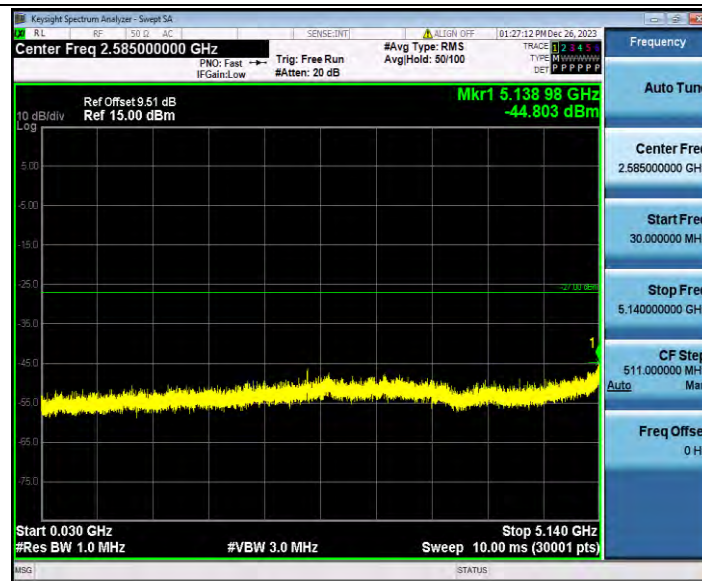
11AC40SISO_Ant1_5230_5360~40000



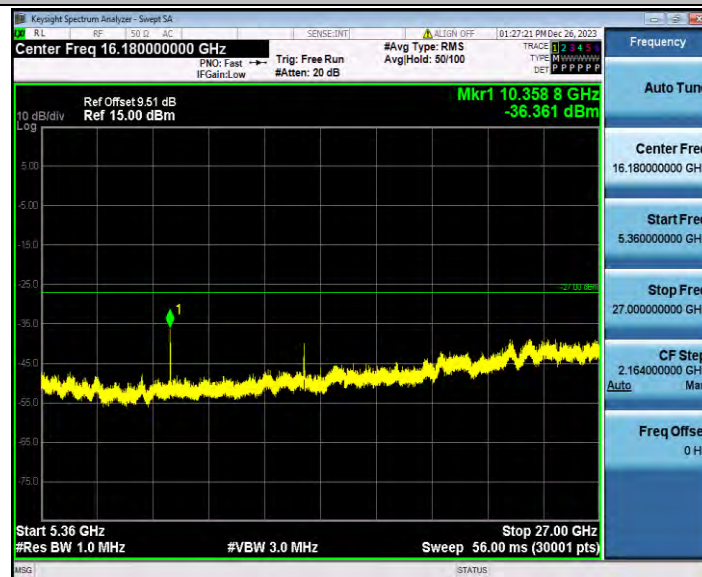
11AC80SISO_Ant1_5210_30~5140



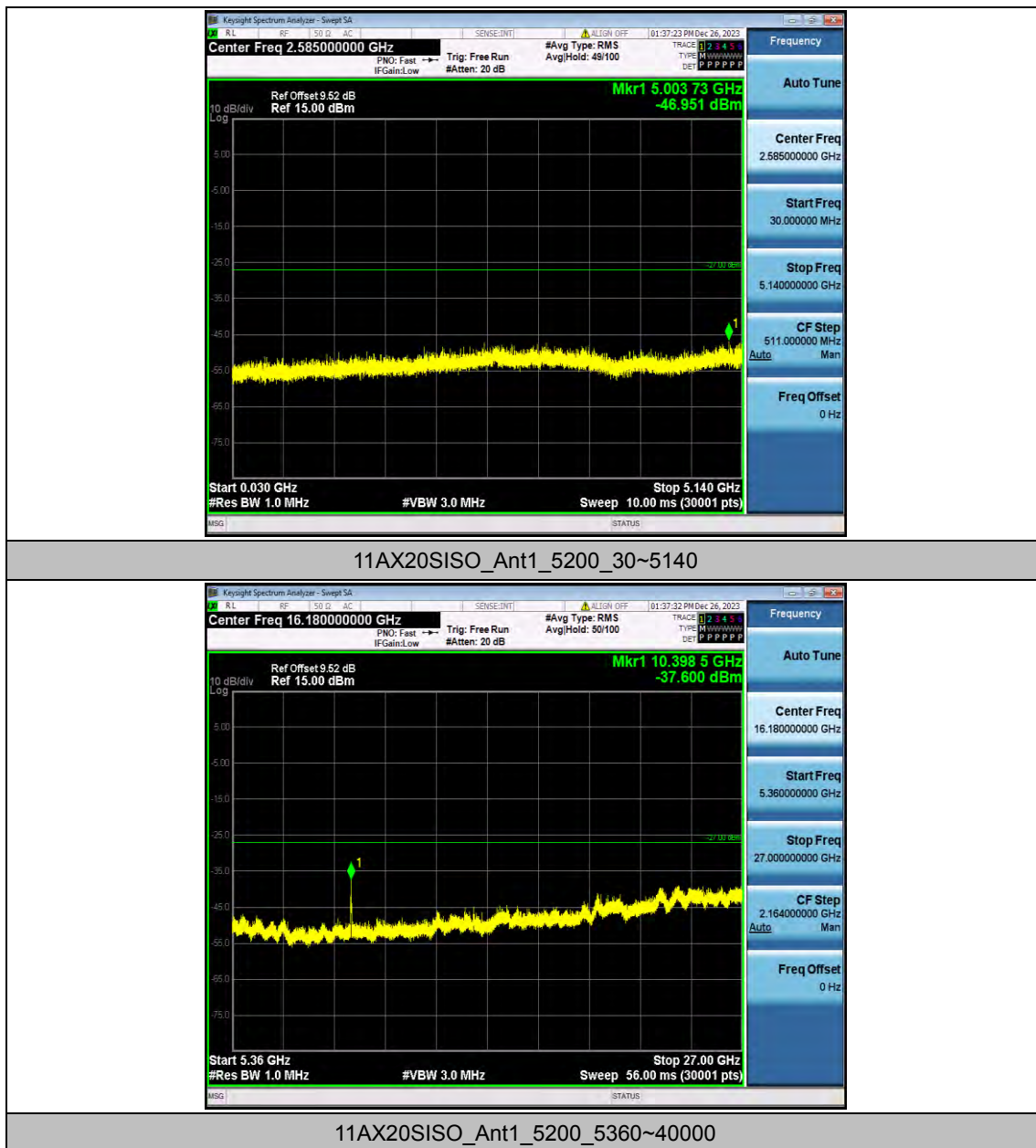
11AC80SISO_Ant1_5210_5360~40000

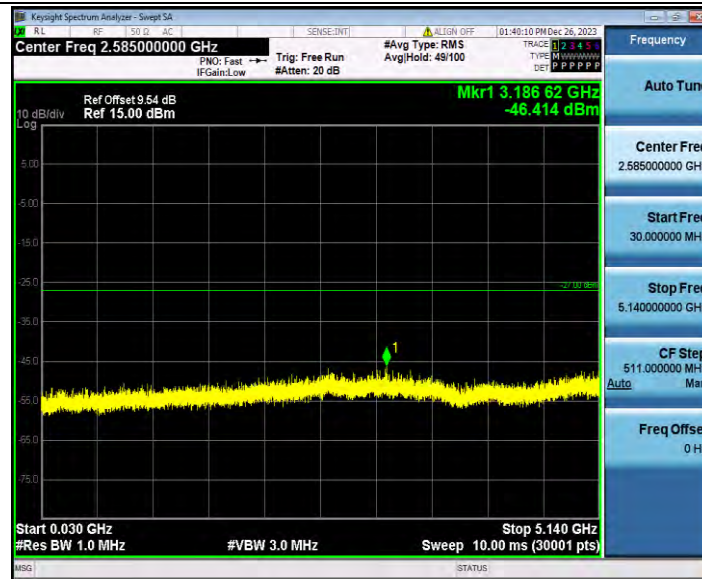


11AX20SISO_Ant1_5180_30~5140

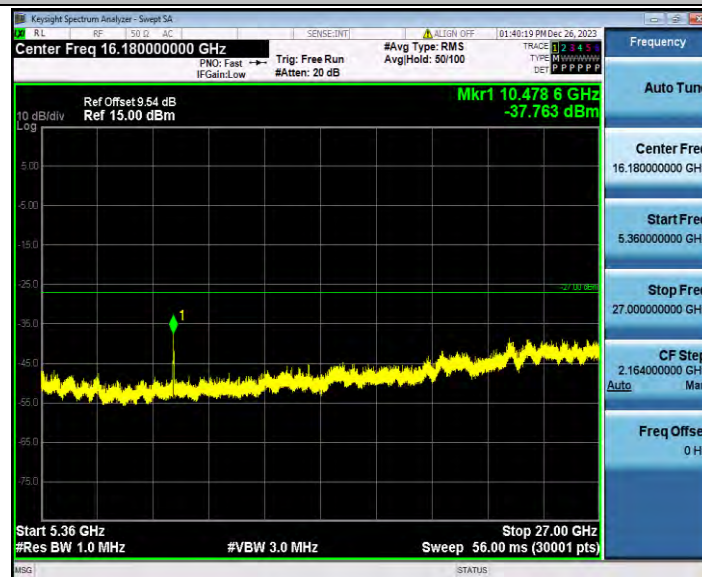


11AX20SISO_Ant1_5180_5360~40000

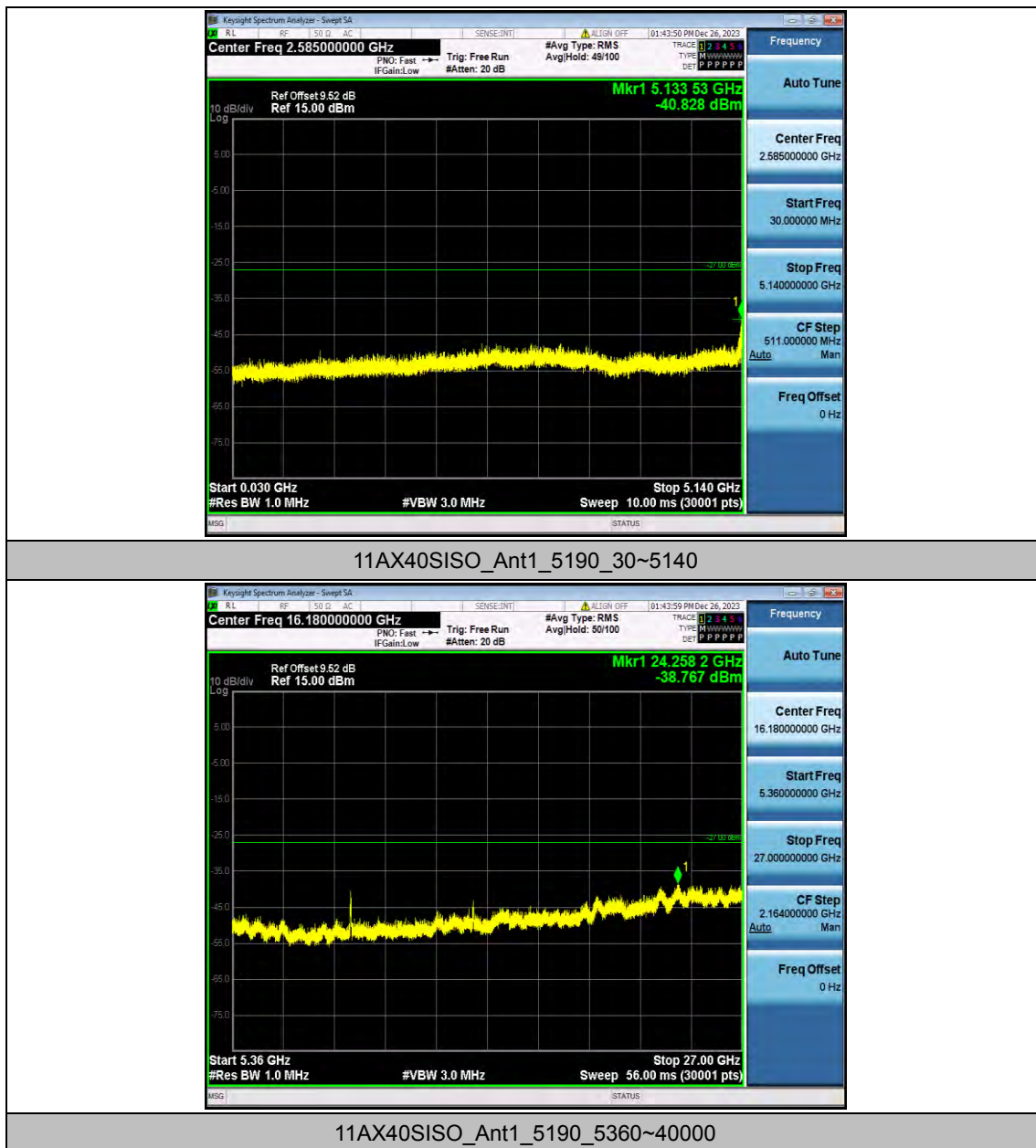


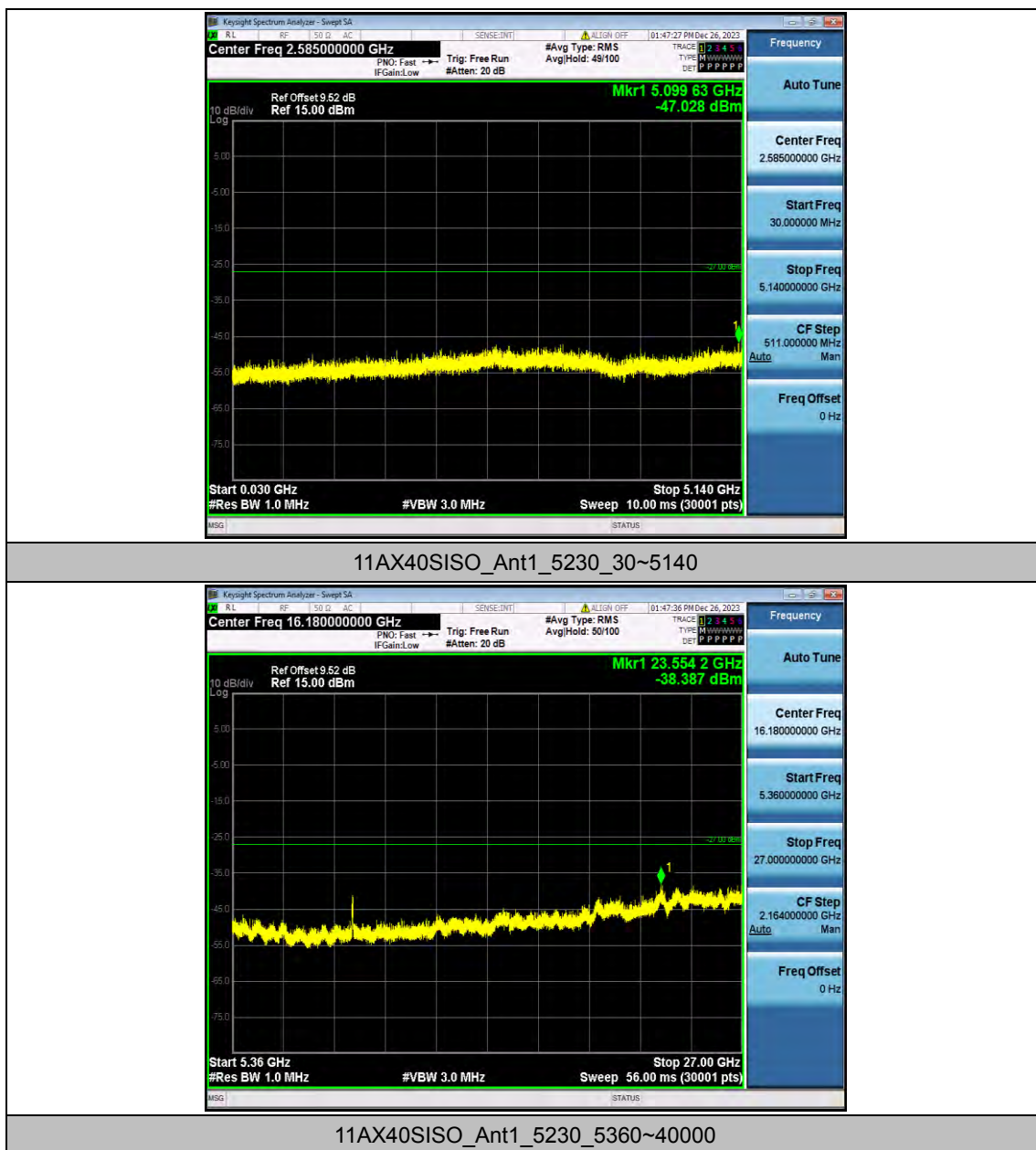


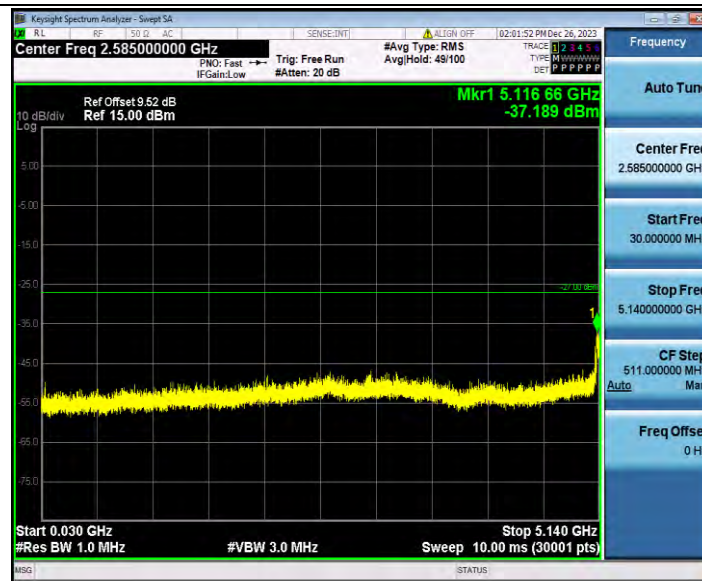
11AX20SISO_Ant1_5240_30~5140



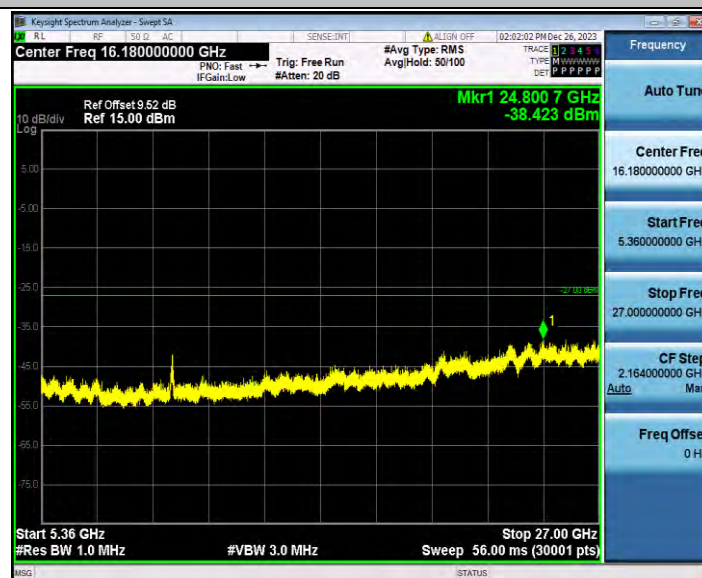
11AX20SISO_Ant1_5240_5360~40000







11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000