

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	7.48	67.15	1.73	9.21	≤23.98	PASS
		5200	8.36	68.81	1.62	9.98	≤23.98	PASS
		5240	8.31	68.97	1.61	9.92	≤23.98	PASS
11N20SISO	Ant1	5180	6.29	66.67	1.76	8.05	≤23.98	PASS
		5200	6.55	67.36	1.72	8.27	≤23.98	PASS
		5240	6.51	67.36	1.72	8.23	≤23.98	PASS
11N40SISO	Ant1	5190	4.19	50.39	2.98	7.17	≤23.98	PASS
		5230	8.55	50.39	2.98	11.53	≤23.98	PASS
11AC20SISO	Ant1	5180	10.48	66.50	1.77	12.25	≤23.98	PASS
		5200	10.12	66.84	1.75	11.87	≤23.98	PASS
		5240	10.69	67.01	1.74	12.43	≤23.98	PASS
11AC40SISO	Ant1	5190	8.05	50.39	2.98	11.03	≤23.98	PASS
		5230	8.54	51.16	2.91	11.45	≤23.98	PASS
11AC80SISO	Ant1	5210	5.33	34.38	4.64	9.97	≤23.98	PASS
11AX20SISO	Ant1	5180	10.04	66.84	1.75	11.79	≤23.98	PASS
		5200	10.14	67.35	1.72	11.86	≤23.98	PASS
		5240	10.80	66.84	1.75	12.55	≤23.98	PASS
11AX40SISO	Ant1	5190	7.84	50.39	2.98	10.82	≤23.98	PASS
		5230	8.74	50.39	2.98	11.72	≤23.98	PASS
11AX80SISO	Ant1	5210	4.65	34.38	4.64	9.29	≤23.98	PASS

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

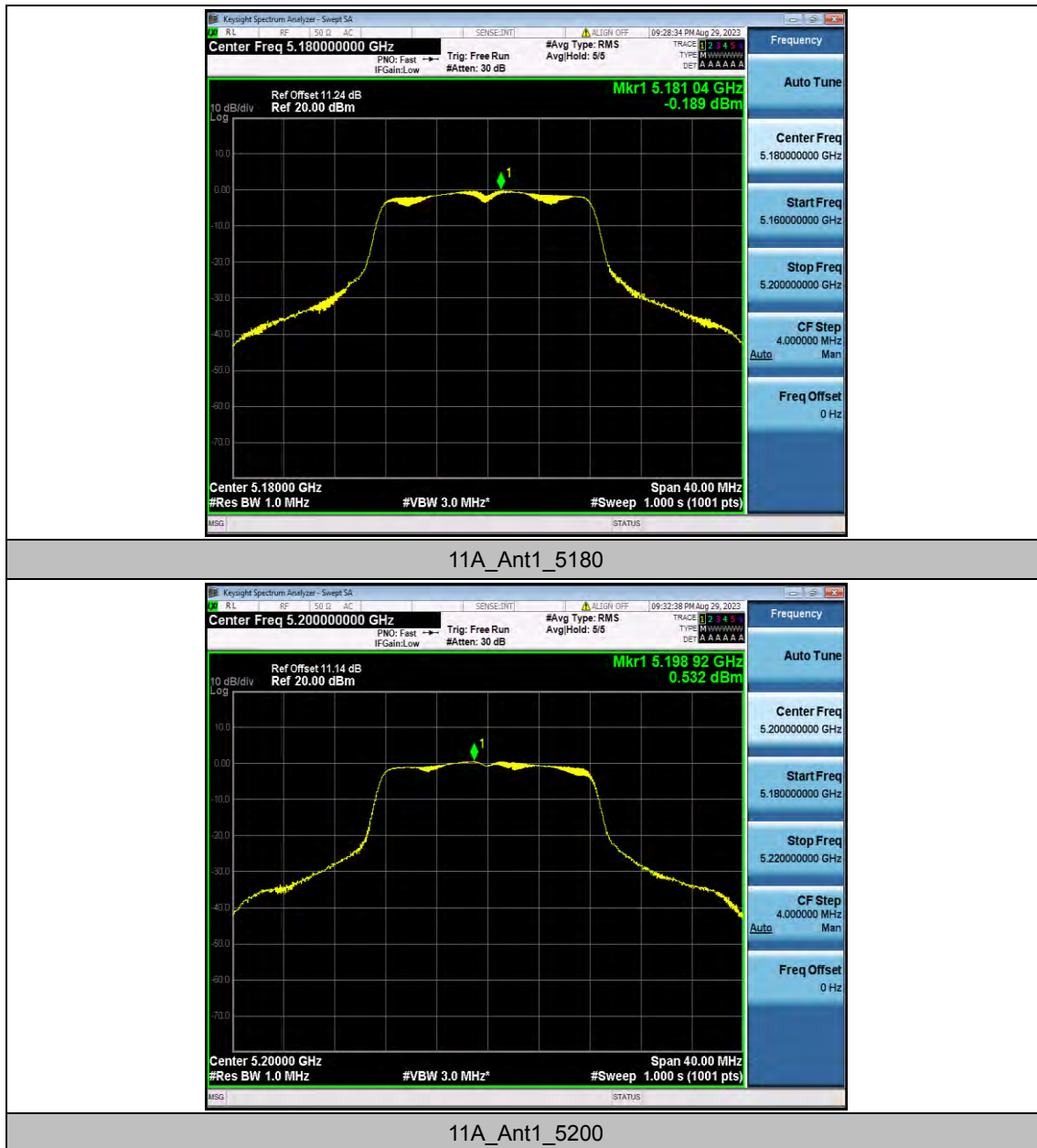
Appendix D.5: Maximum power spectral density

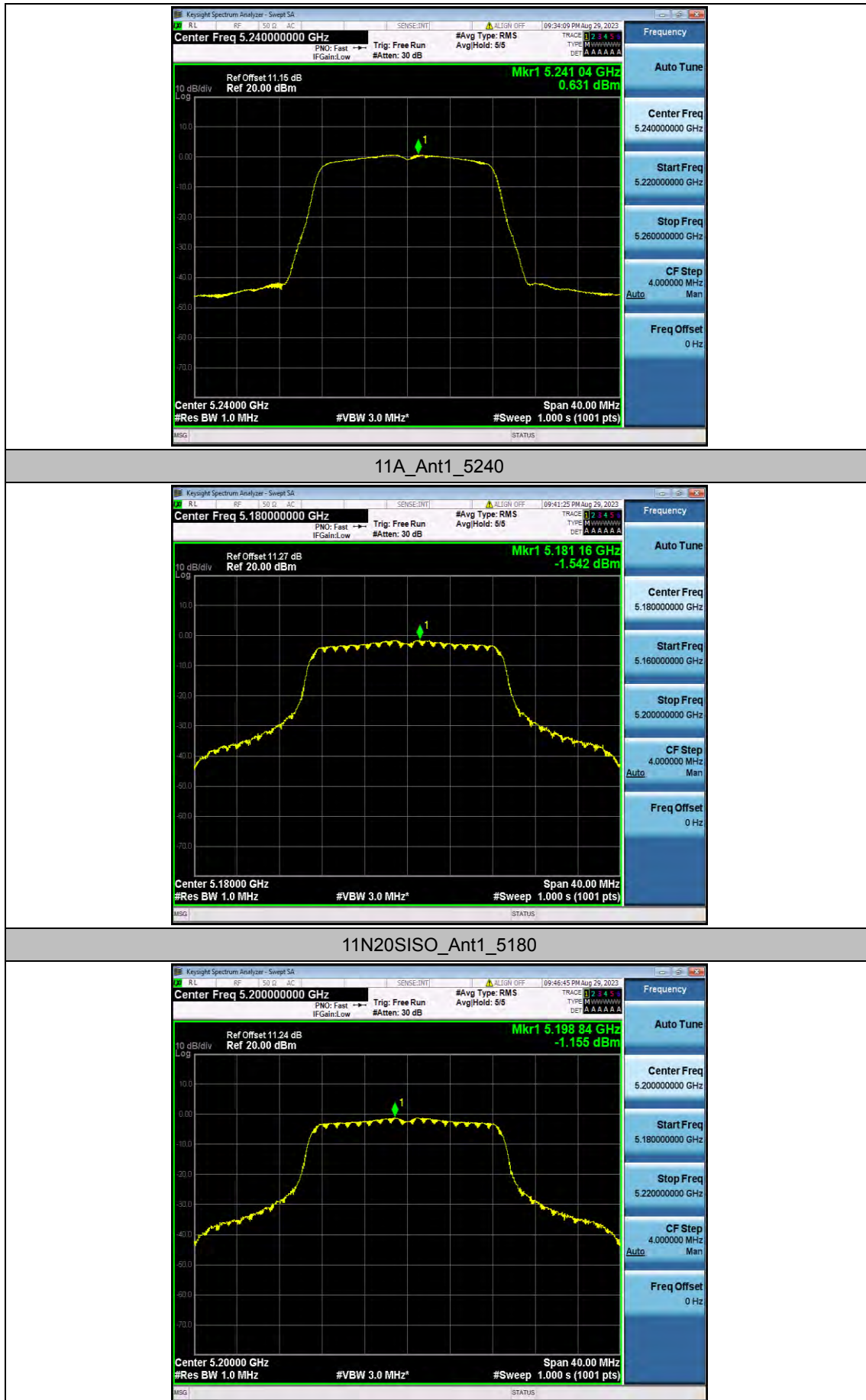
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.19	≤11.00	PASS
		5200	0.53	≤11.00	PASS
		5240	0.63	≤11.00	PASS
11N20SISO	Ant1	5180	-1.54	≤11.00	PASS
		5200	-1.16	≤11.00	PASS
		5240	-1.14	≤11.00	PASS
11N40SISO	Ant1	5190	-4.64	≤11.00	PASS
		5230	-0.5	≤11.00	PASS
11AC20SISO	Ant1	5180	2.46	≤11.00	PASS
		5200	2.27	≤11.00	PASS
		5240	2.9	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.24	≤11.00	PASS
		5230	-0.5	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.96	≤11.00	PASS
11AX20SISO	Ant1	5180	2.2	≤11.00	PASS
		5200	2.45	≤11.00	PASS
		5240	3	≤11.00	PASS
11AX40SISO	Ant1	5190	-1.13	≤11.00	PASS
		5230	-0.62	≤11.00	PASS
11AX80SISO	Ant1	5210	-4.78	≤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





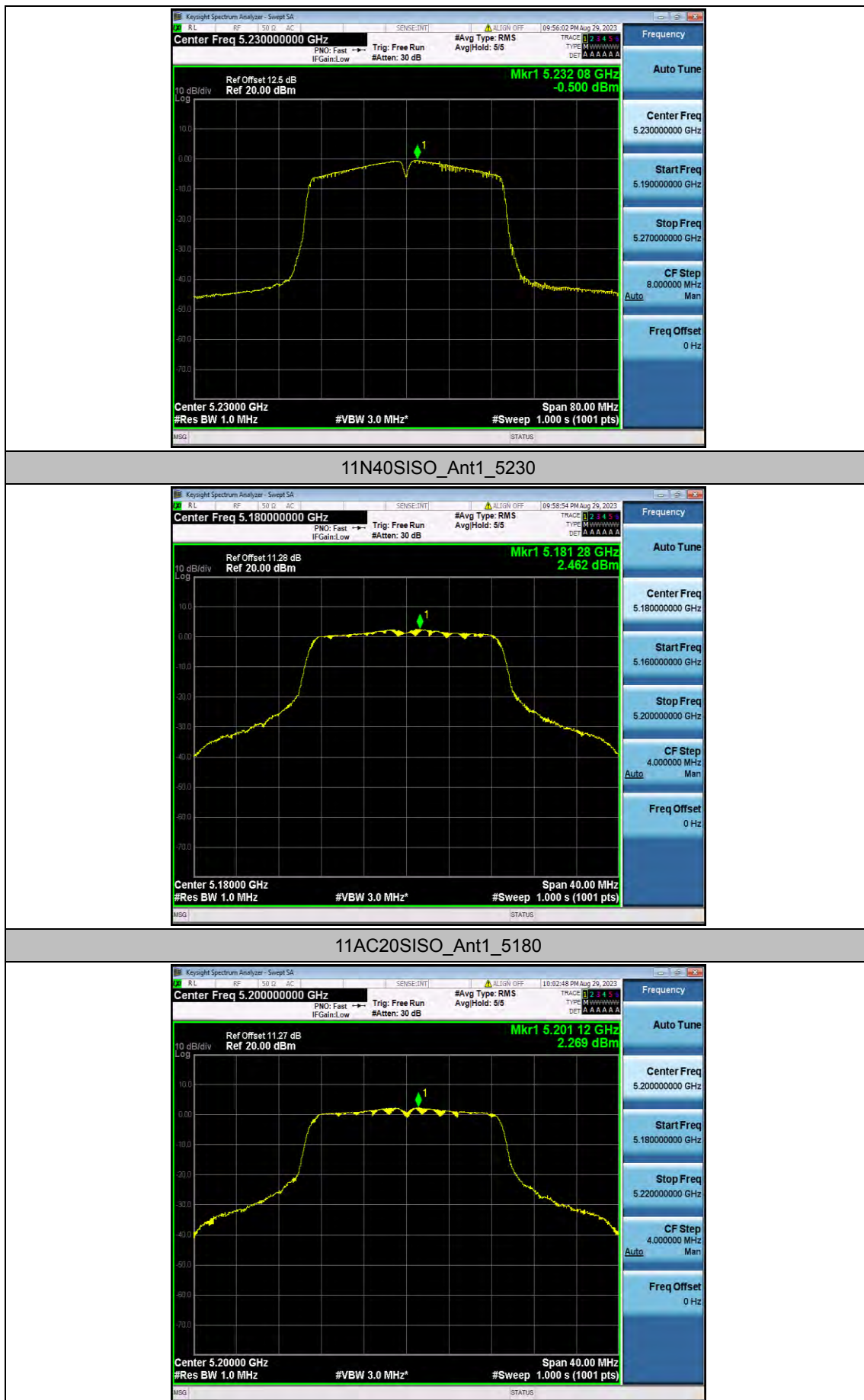
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



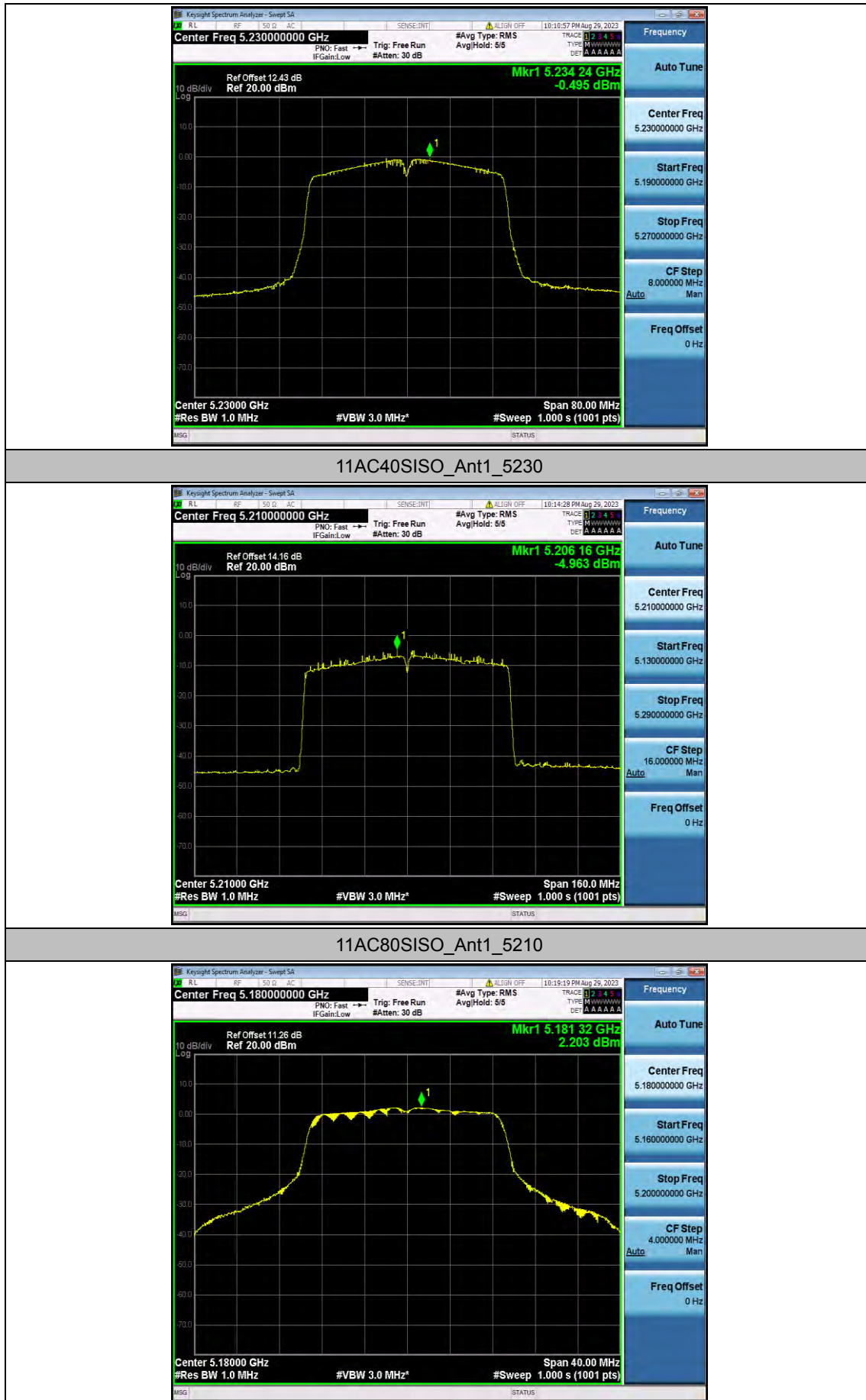
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



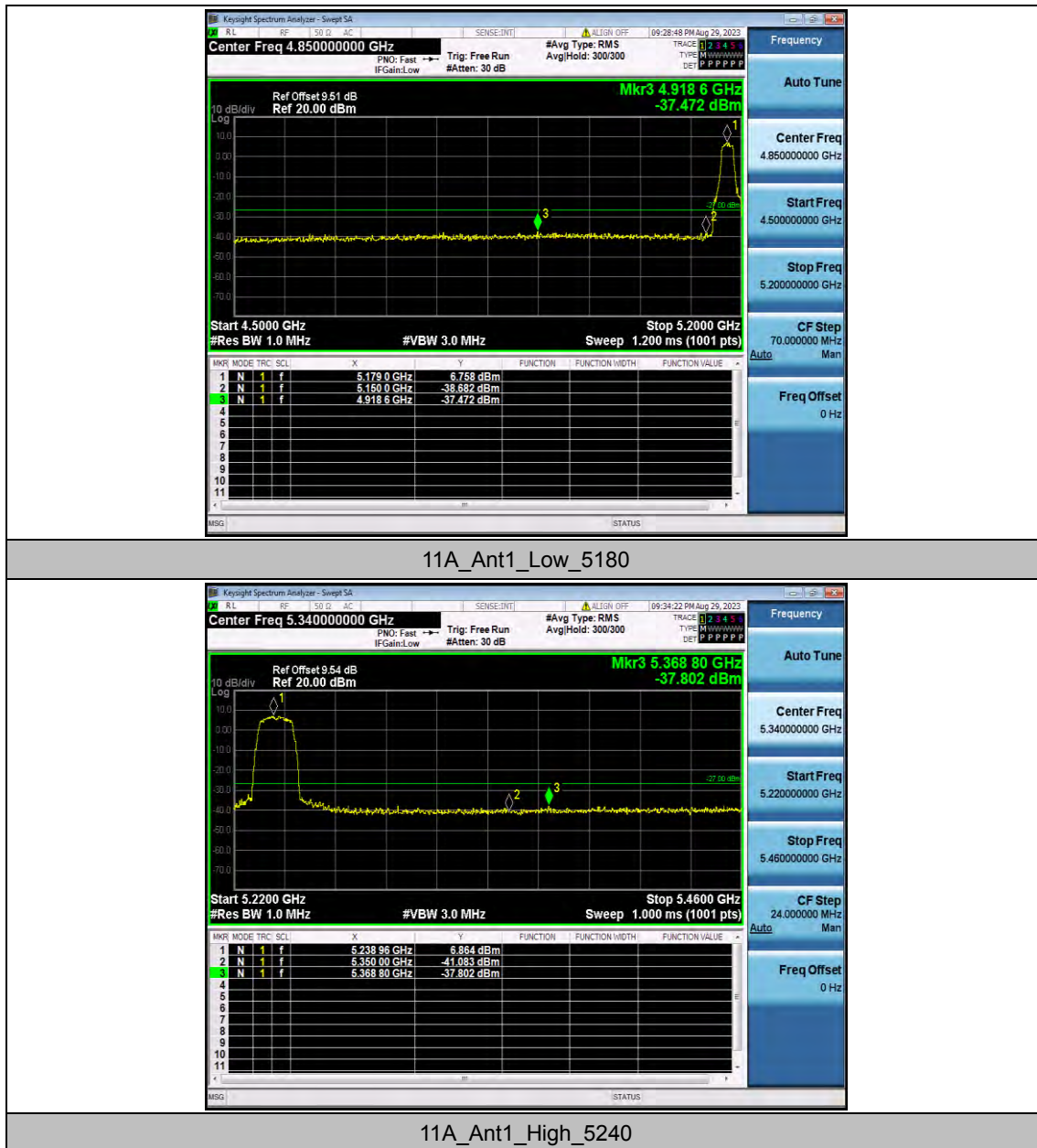
11AX80SISO_Ant1_5210

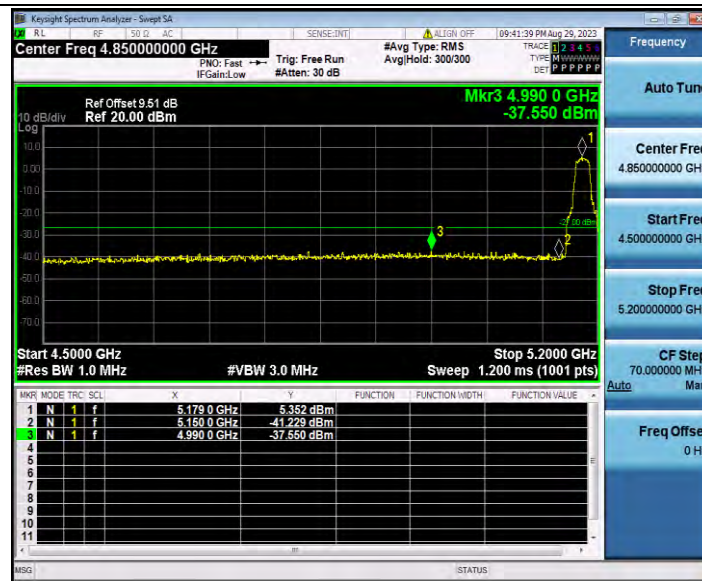
Appendix D.6: Band edge measurements

Test Result B1

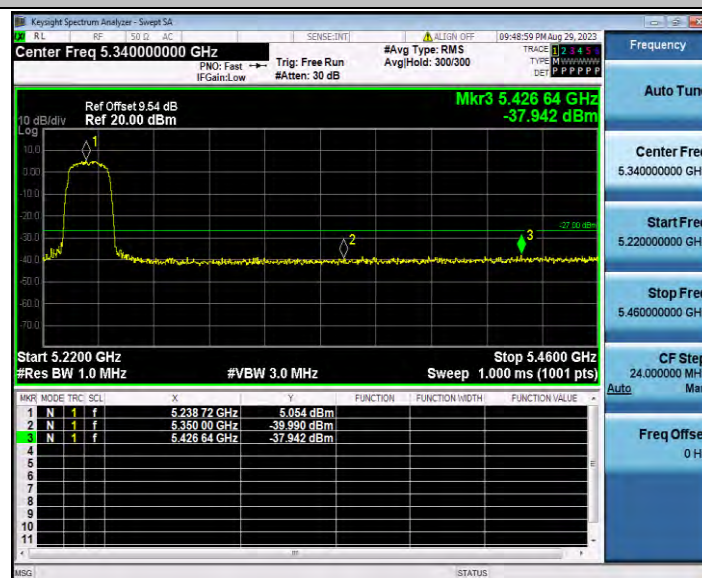
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.47	≤ -27	PASS
		High	5240	-37.8	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.55	≤ -27	PASS
		High	5240	-37.94	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-37.57	≤ -27	PASS
		High	5230	-38.03	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.64	≤ -27	PASS
		High	5240	-37.66	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-36.76	≤ -27	PASS
		High	5230	-37.05	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-37.06	≤ -27	PASS
		High	5210	-37.83	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.96	≤ -27	PASS
		High	5240	-38.09	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.99	≤ -27	PASS
		High	5230	-37.78	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-37.02	≤ -27	PASS
		High	5210	-38.01	≤ -27	PASS

Test Graphs B1

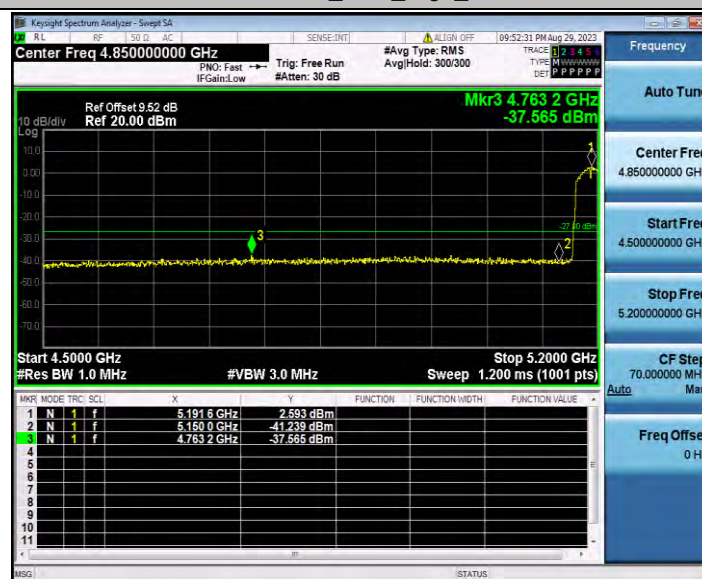




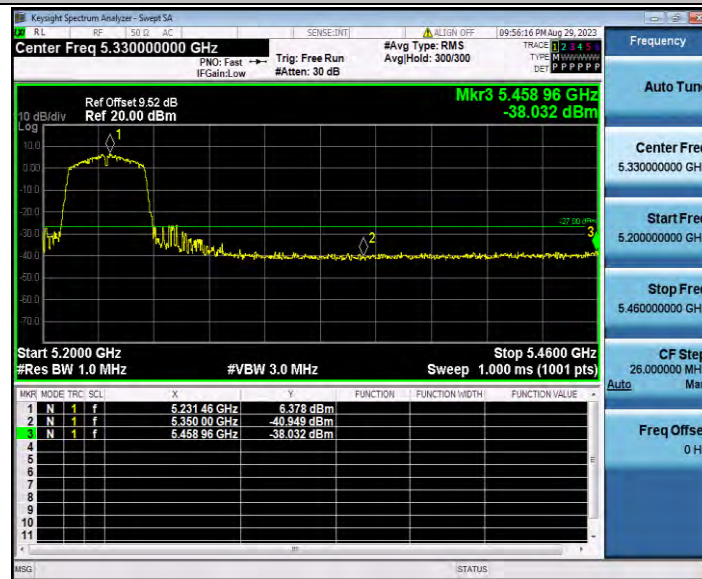
11N20SISO_Ant1_Low_5180



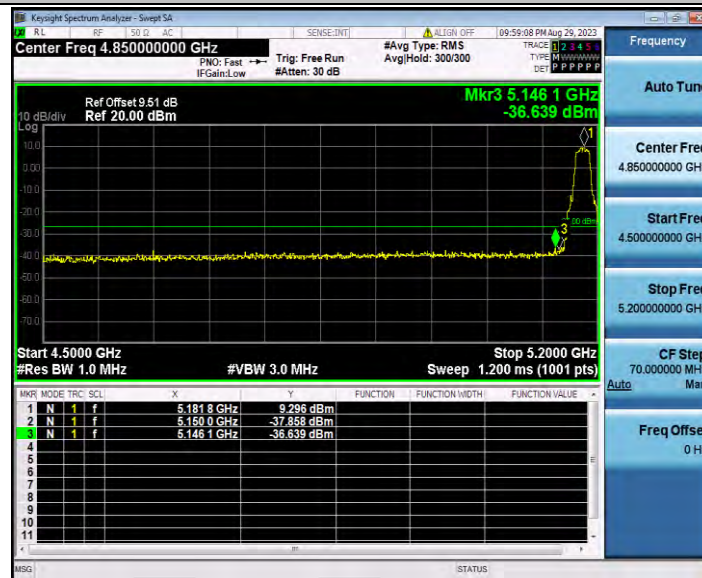
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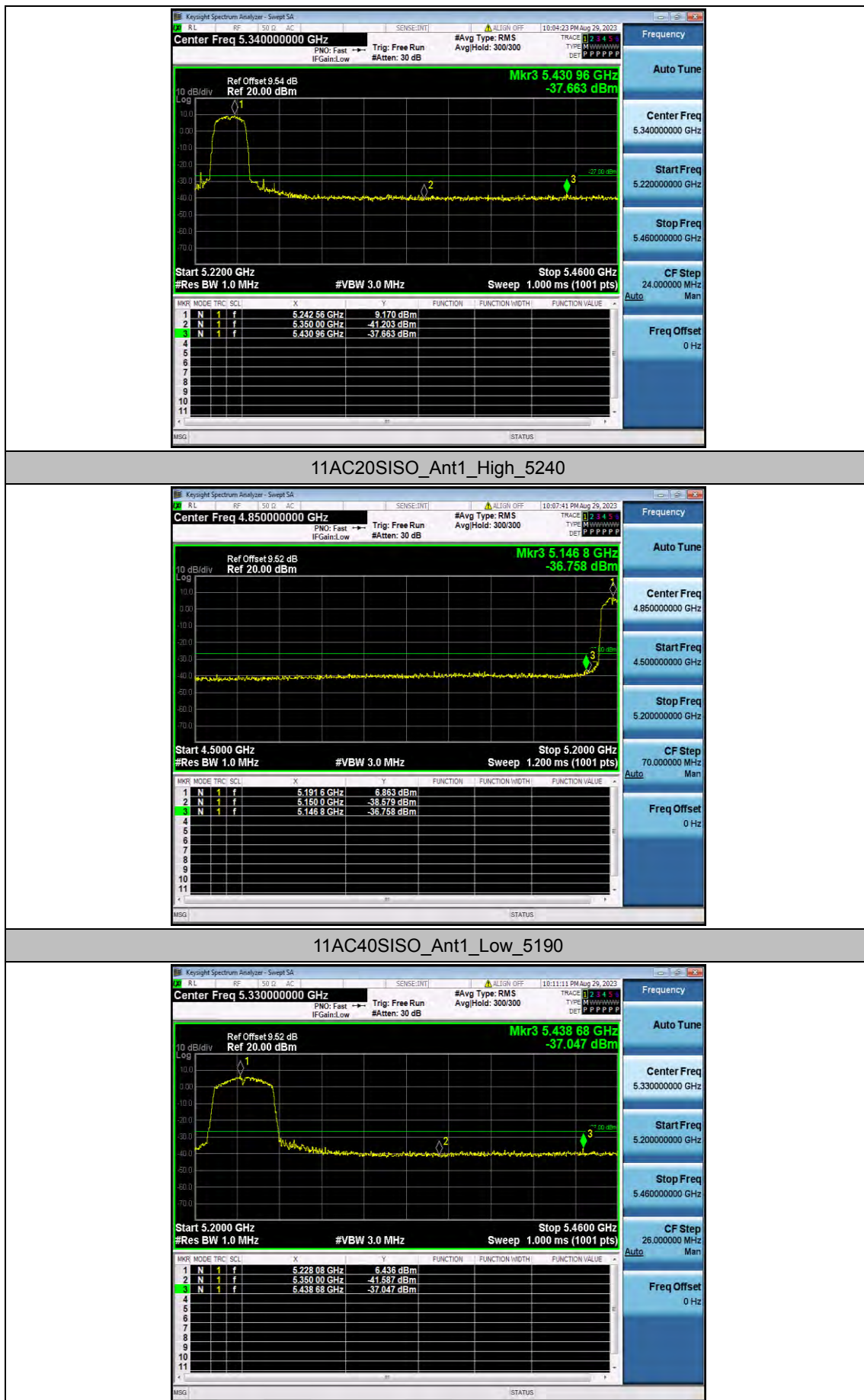
11N40SISO_Ant1_Low_5190



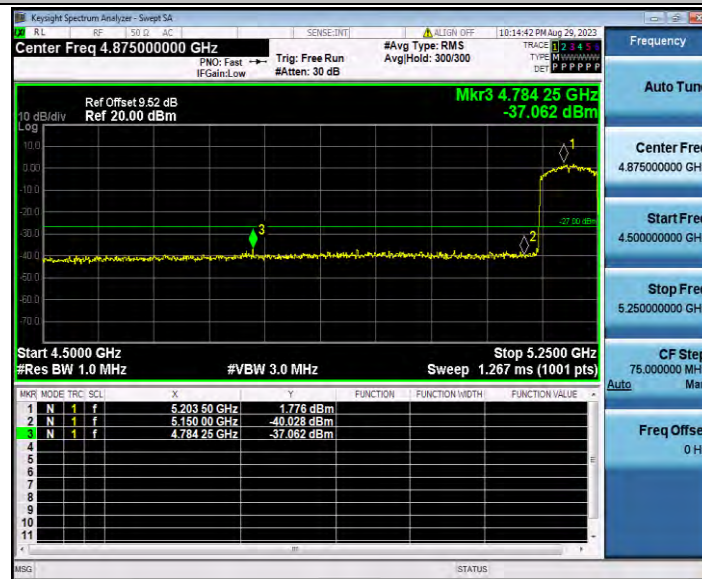
11N40SISO_Ant1_High_5230



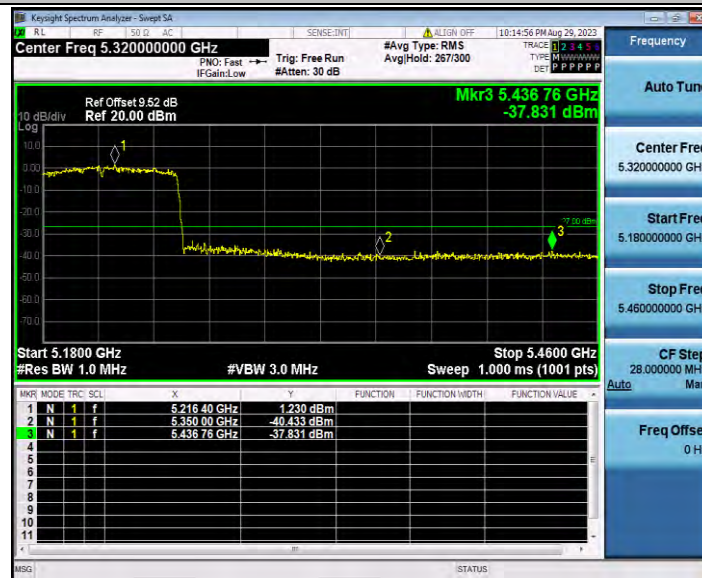
11AC20SISO_Ant1_Low_5180



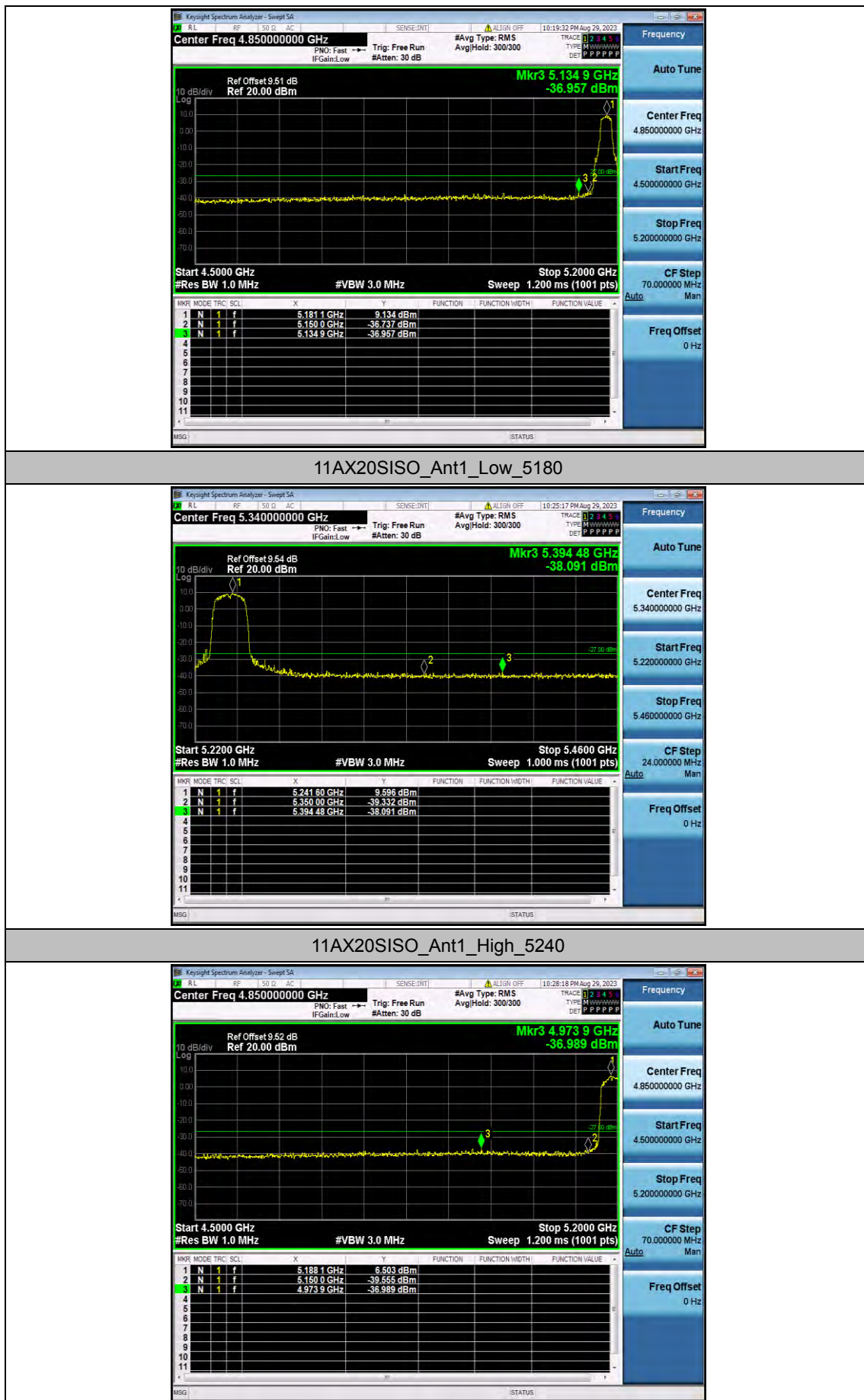
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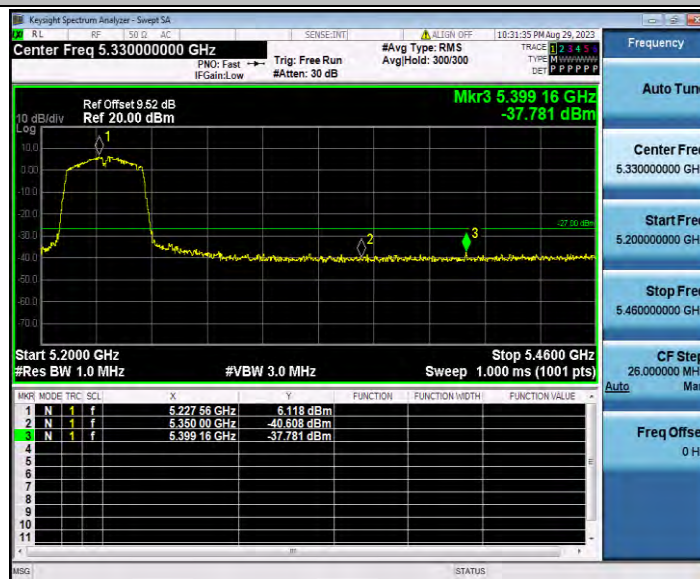
11AC80SISO_Ant1_Low_5210



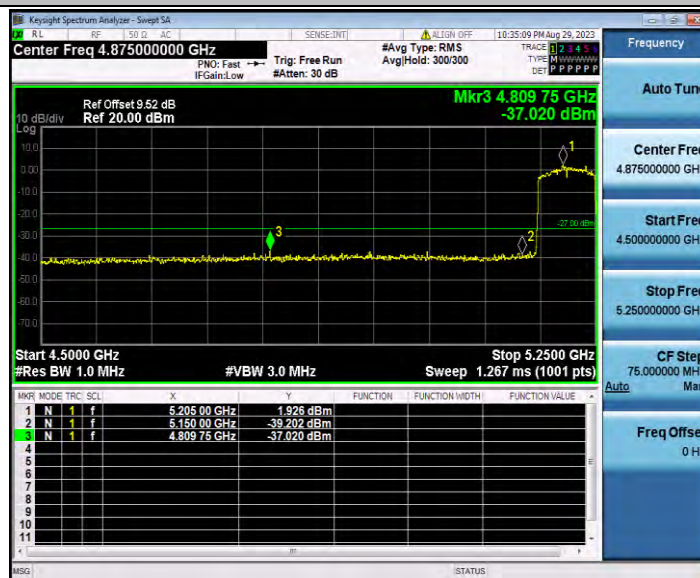
11AC80SISO_Ant1_High_5210



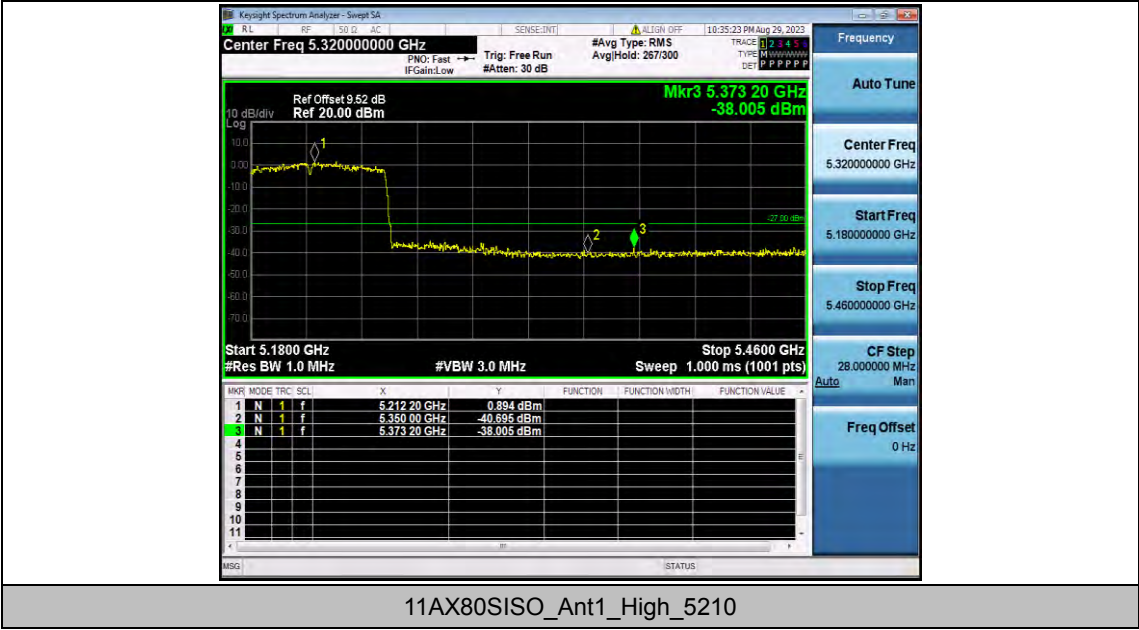
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



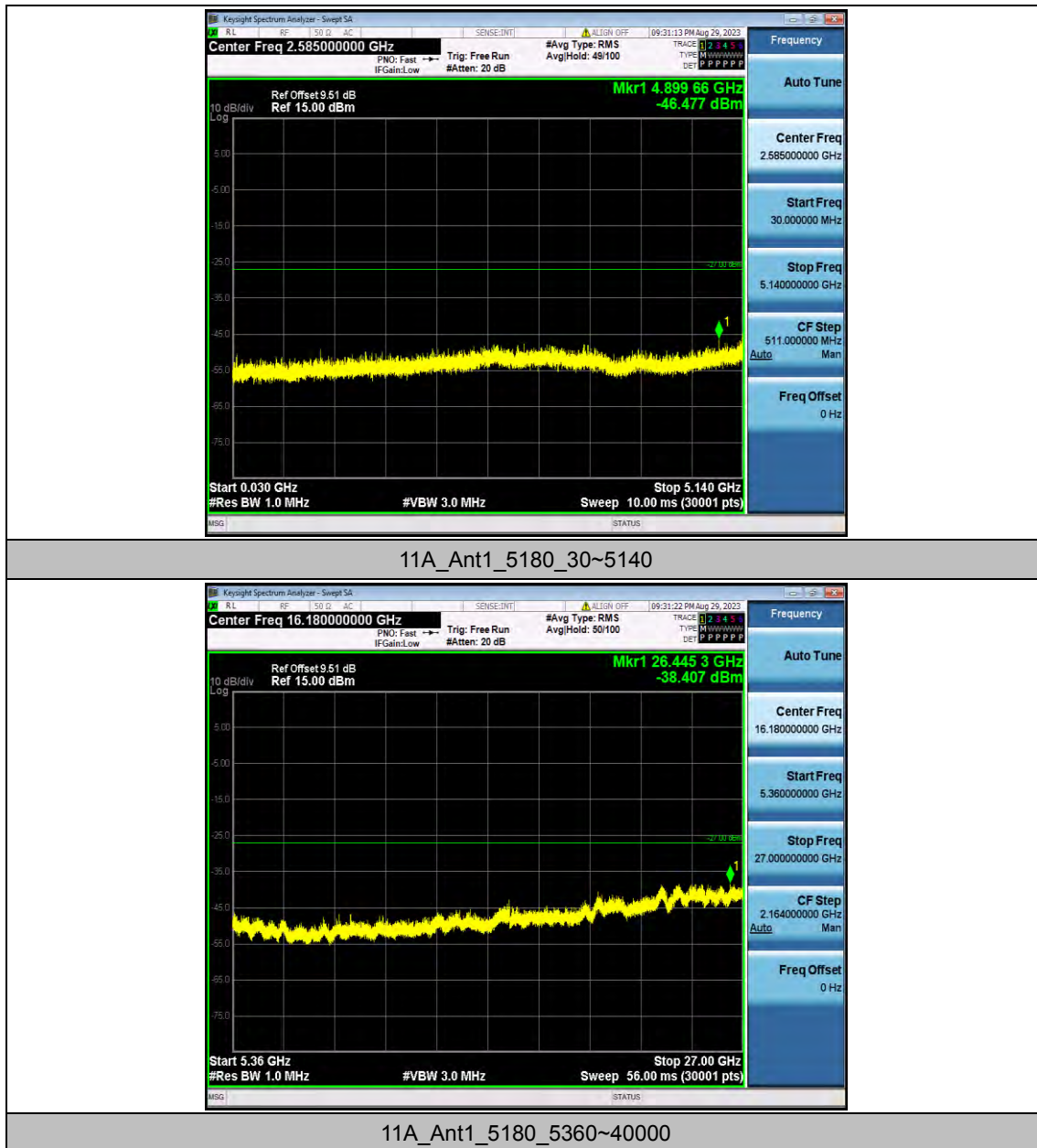
Appendix D.7: Conducted Spurious Emission

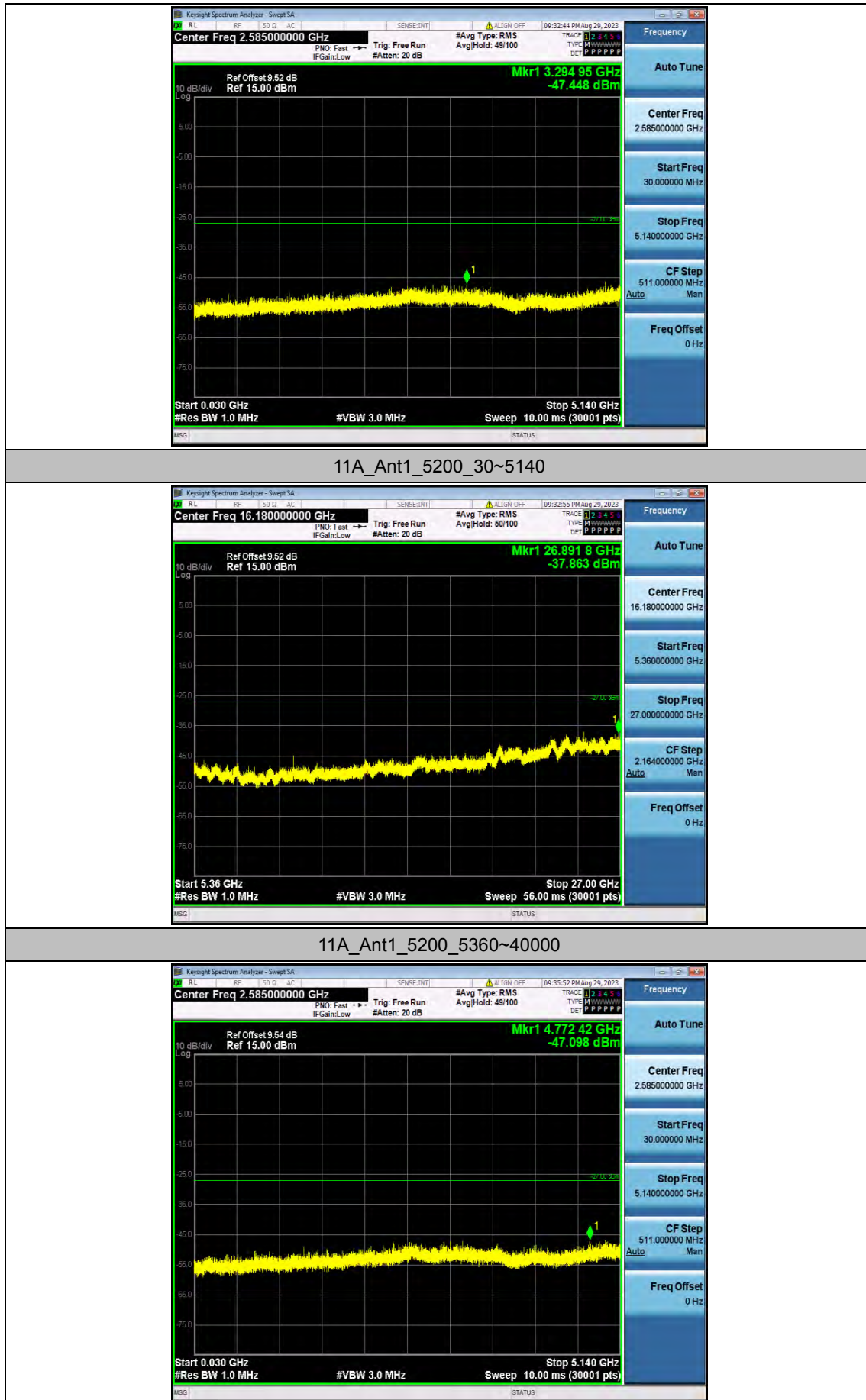
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4899.66	-46.48	≤-27	PASS
			5360~40000	26445.29	-38.41	≤-27	PASS
		5200	30~5140	3294.95	-47.45	≤-27	PASS
			5360~40000	26891.8	-37.86	≤-27	PASS
		5240	30~5140	4772.42	-47.1	≤-27	PASS
			5360~40000	26535.46	-36.9	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5121.77	-46.27	≤-27	PASS
			5360~40000	24785.51	-37.76	≤-27	PASS
		5200	30~5140	2671.7	-47.49	≤-27	PASS
			5360~40000	24810.03	-37.05	≤-27	PASS
		5240	30~5140	2706.11	-45.89	≤-27	PASS
			5360~40000	24802.82	-38.32	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5125.35	-46.71	≤-27	PASS
			5360~40000	26503.72	-37.77	≤-27	PASS
		5230	30~5140	5119.73	-47.2	≤-27	PASS
			5360~40000	24281.29	-37.92	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5118.71	-41.75	≤-27	PASS
			5360~40000	26012.49	-37.81	≤-27	PASS
		5200	30~5140	5135.4	-45.46	≤-27	PASS
			5360~40000	24203.39	-38.09	≤-27	PASS
		5240	30~5140	5139.83	-46.54	≤-27	PASS
			5360~40000	24232.97	-37.75	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.1	-41.65	≤-27	PASS
			5360~40000	24254.61	-37.37	≤-27	PASS
		5230	30~5140	5135.91	-45.82	≤-27	PASS
			5360~40000	24274.08	-37.35	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5118.71	-43.28	≤-27	PASS
			5360~40000	24248.83	-37.39	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5135.57	-43.87	≤-27	PASS
			5360~40000	24313.75	-38.07	≤-27	PASS
		5200	30~5140	5137.27	-45.05	≤-27	PASS
			5360~40000	24892.99	-37.54	≤-27	PASS
		5240	30~5140	5112.07	-46.25	≤-27	PASS
			5360~40000	24300.77	-38.28	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5137.62	-43.17	≤-27	PASS
			5360~40000	26639.33	-37.77	≤-27	PASS

		5230	30~5140	5133.7	-45.38	≤-27	PASS
			5360~40000	24284.18	-38.12	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5115.98	-42.1	≤-27	PASS
			5360~40000	24279.85	-37.26	≤-27	PASS

Test Graphs

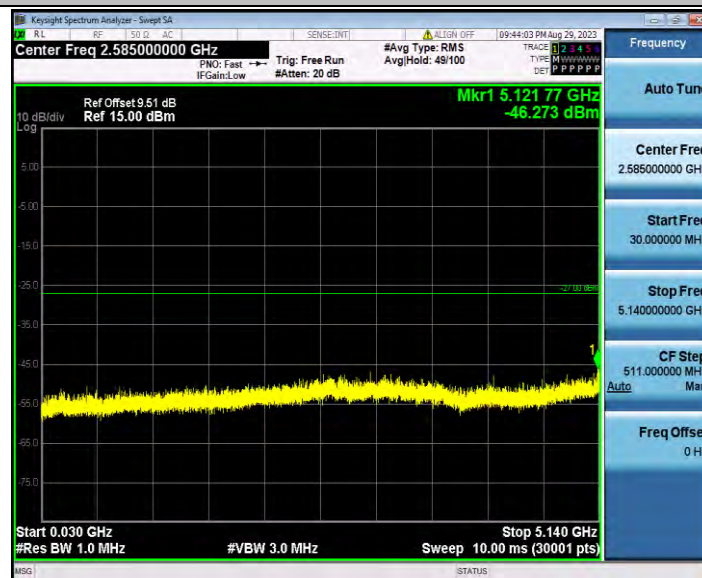




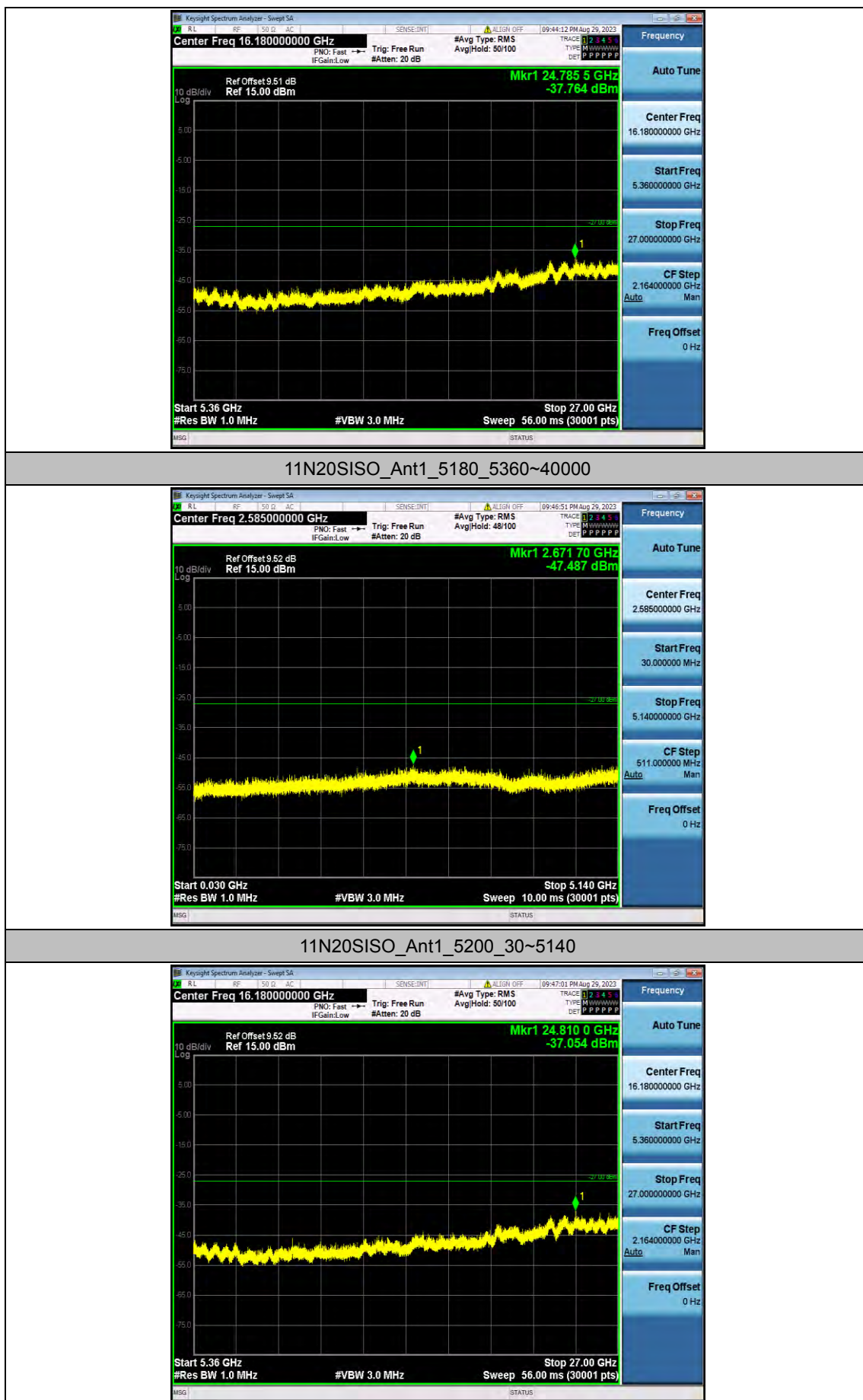
11A_Ant1_5240_30~5140



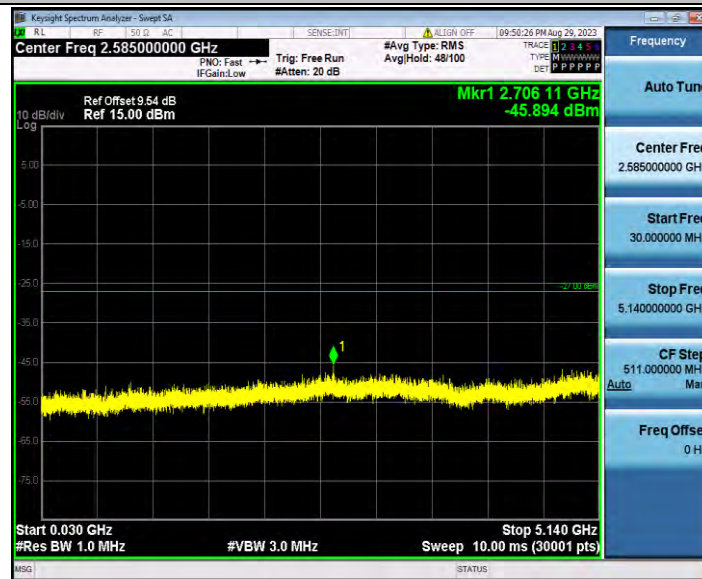
11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



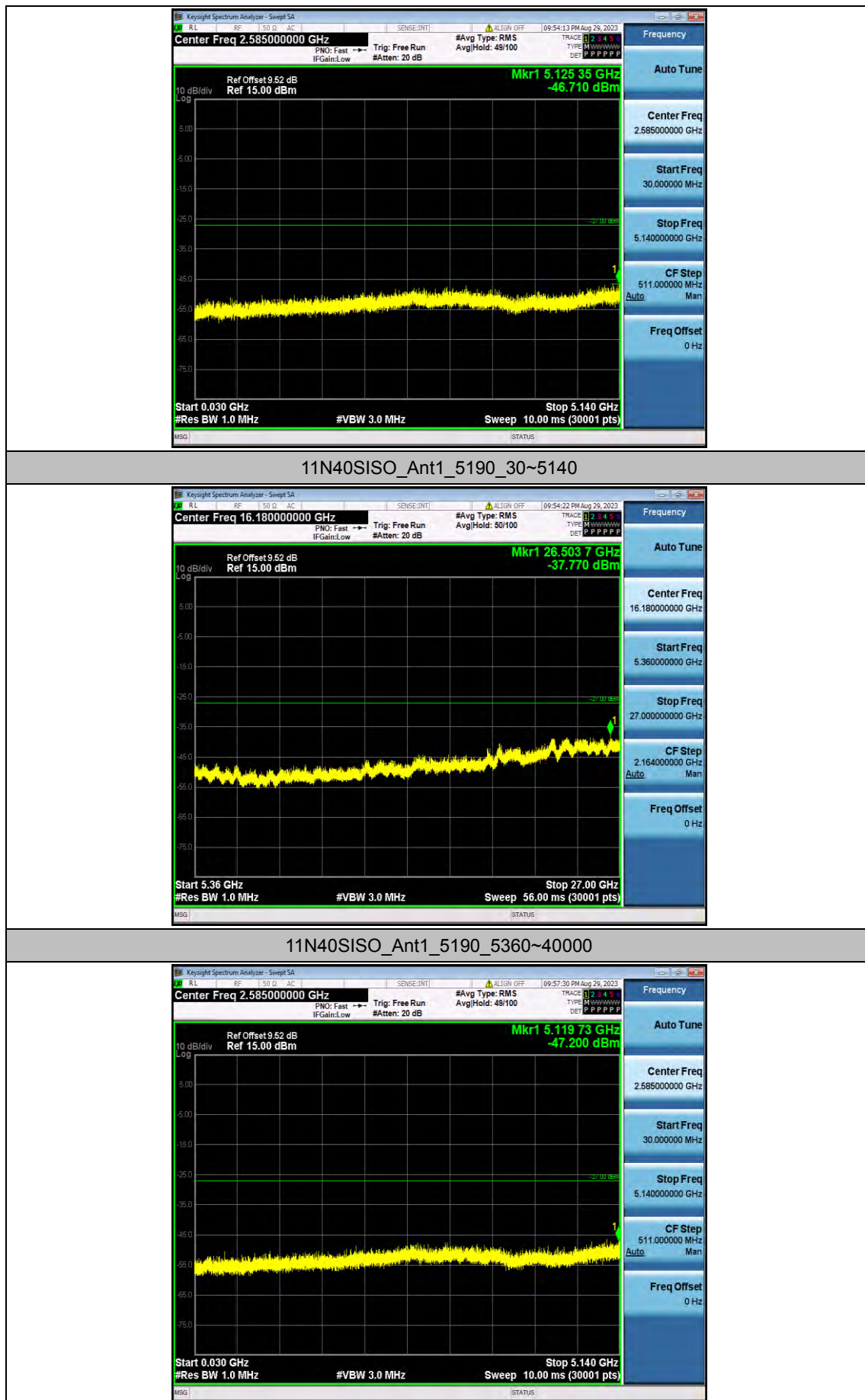
11N20SISO_Ant1_5200_5360~40000



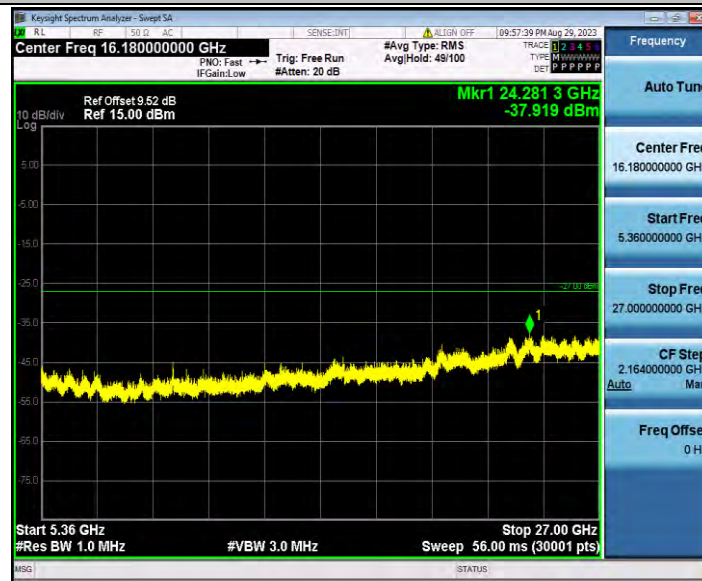
11N20SISO_Ant1_5240_30~5140



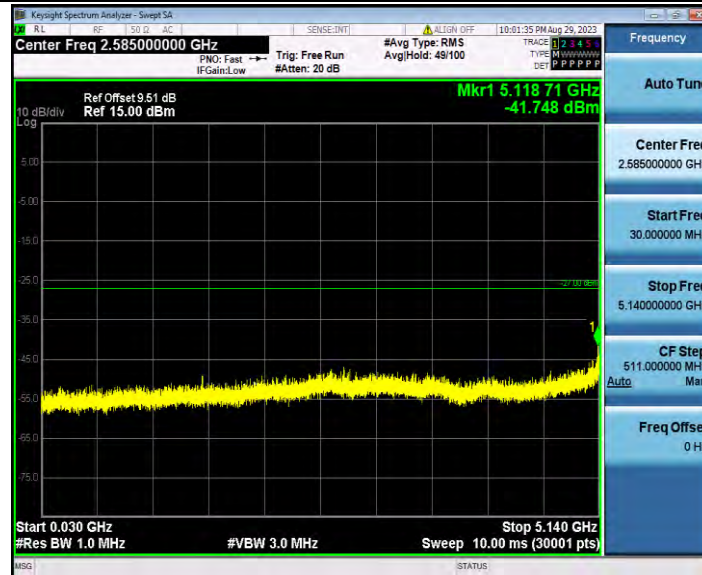
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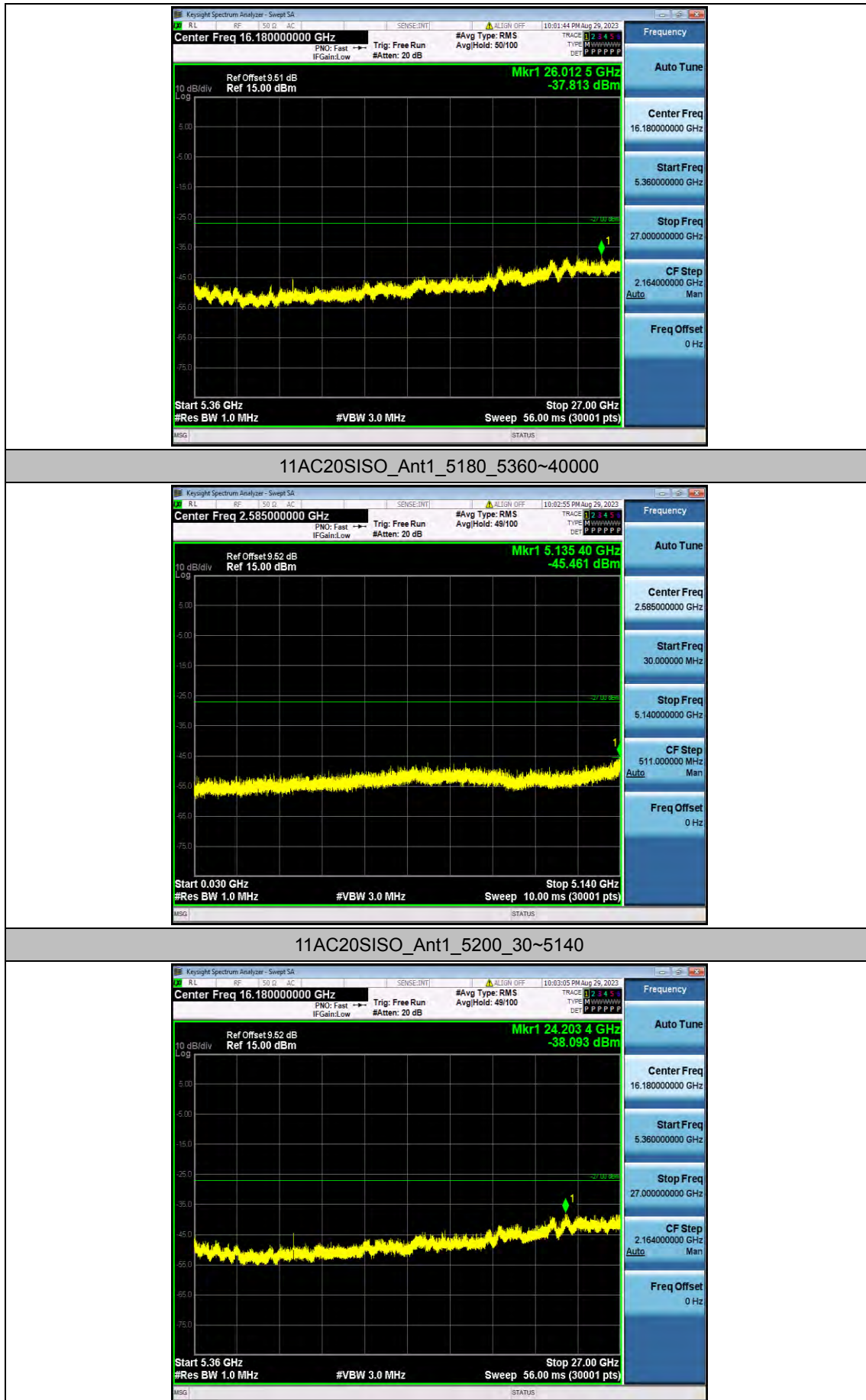
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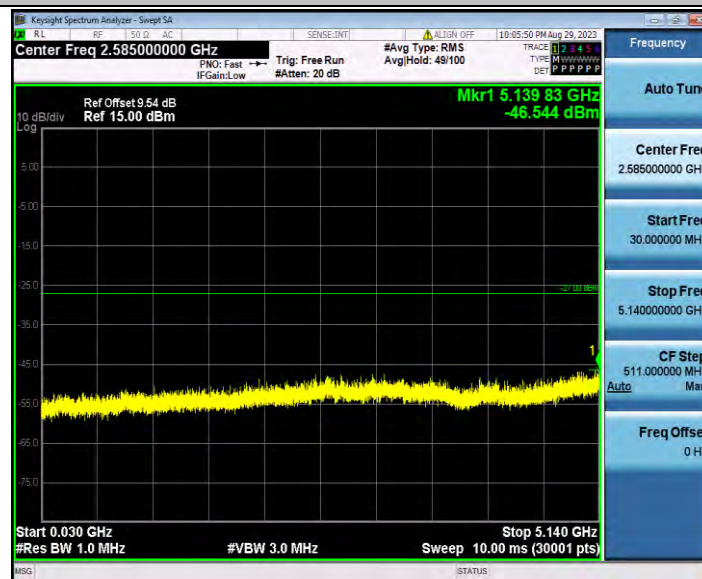
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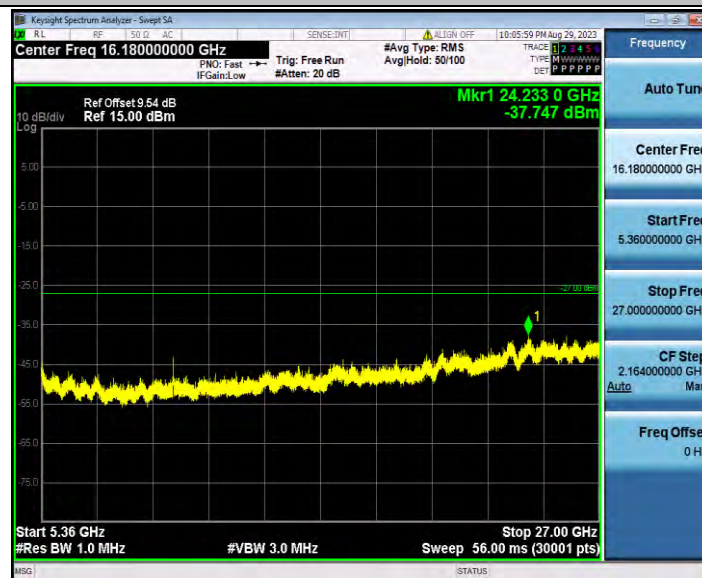
11AC20SISO_Ant1_5180_30~5140



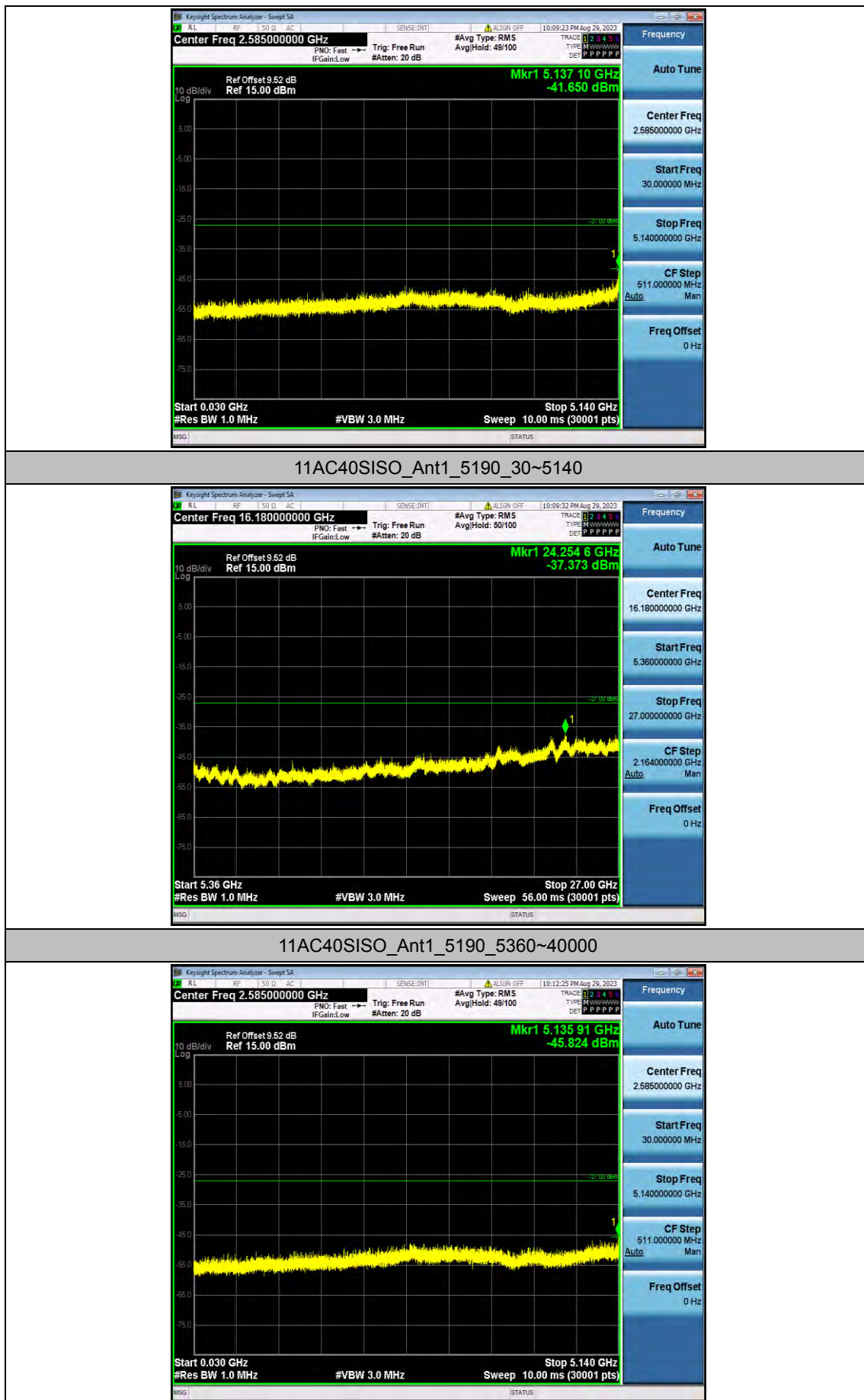
11AC20SISO_Ant1_5200_5360~40000



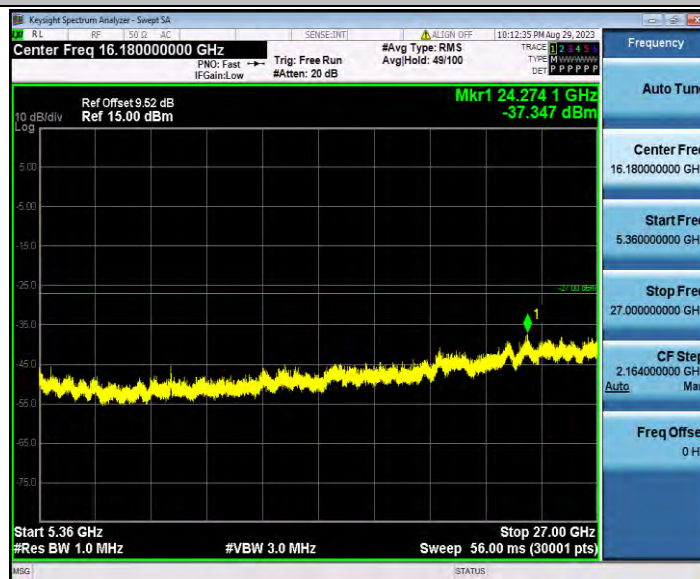
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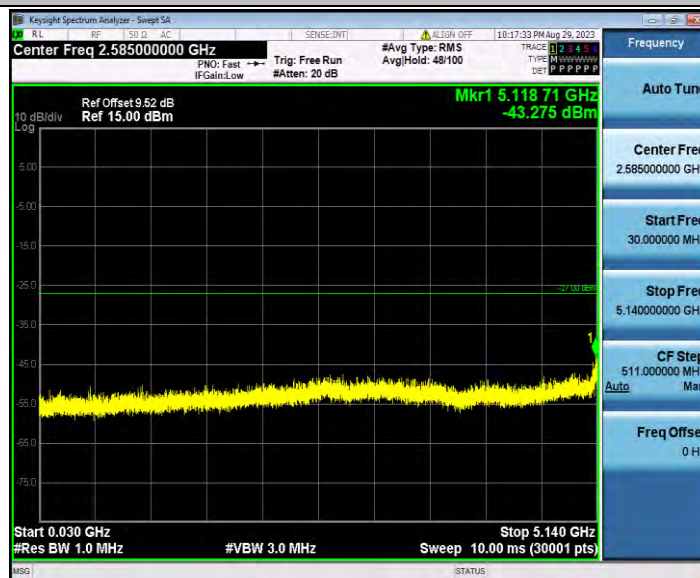
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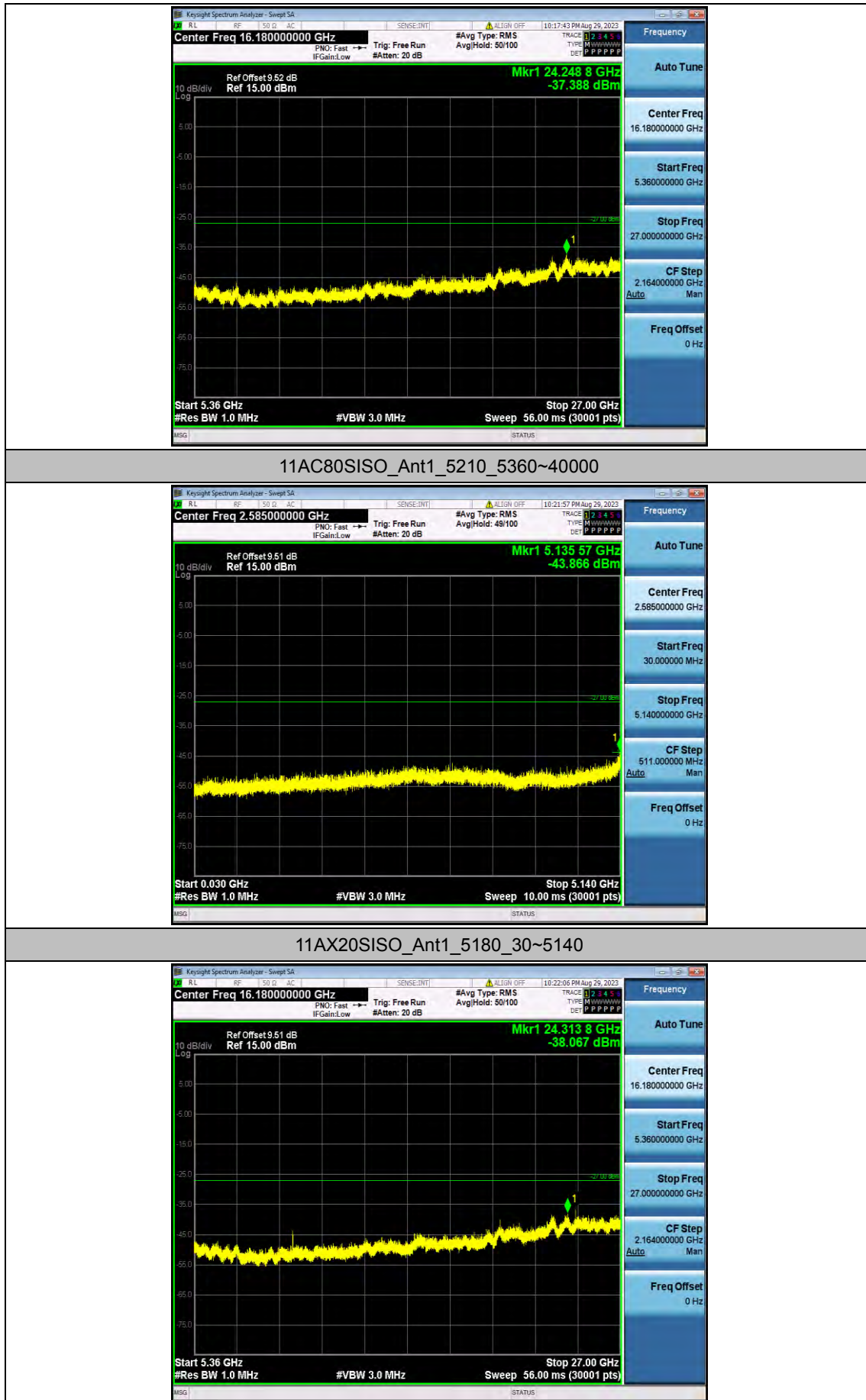
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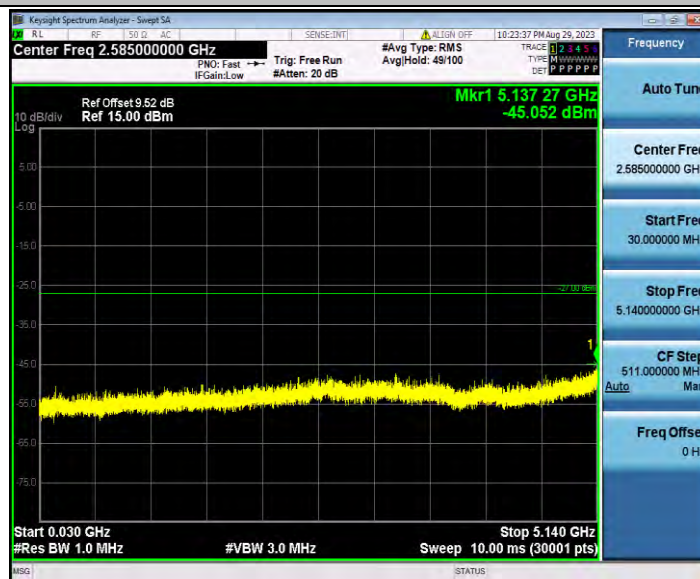
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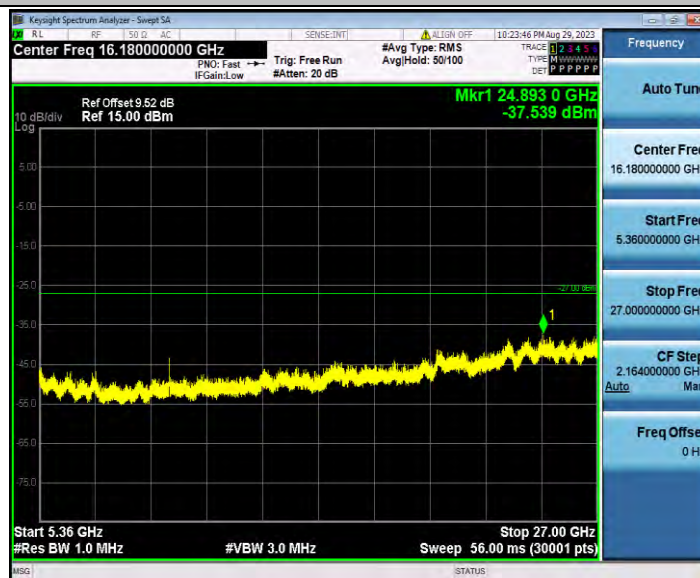
11AC80SISO_Ant1_5210_30~5140



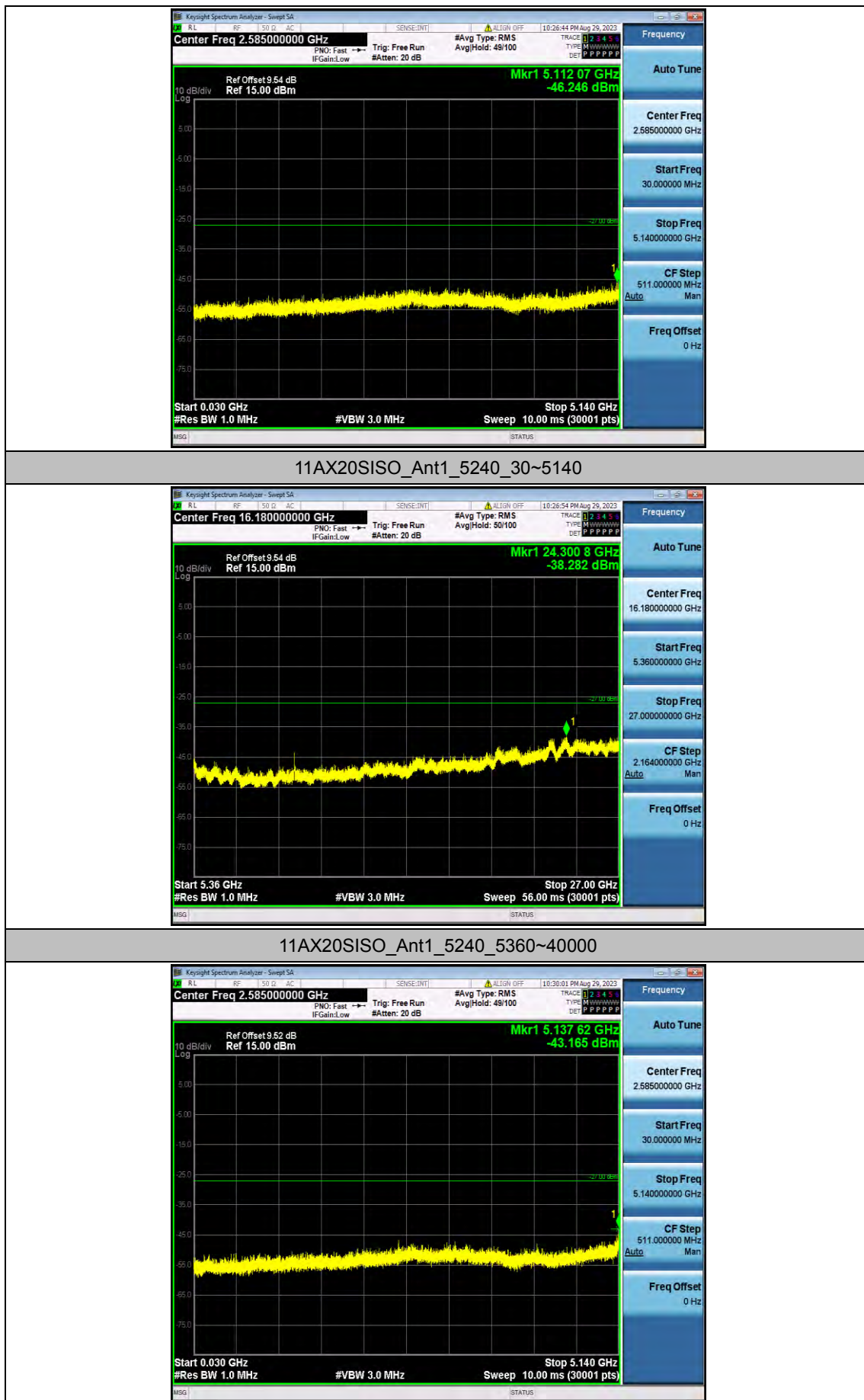
11AX20SISO_Ant1_5180_5360~40000



11AX20SISO_Ant1_5200_30~5140



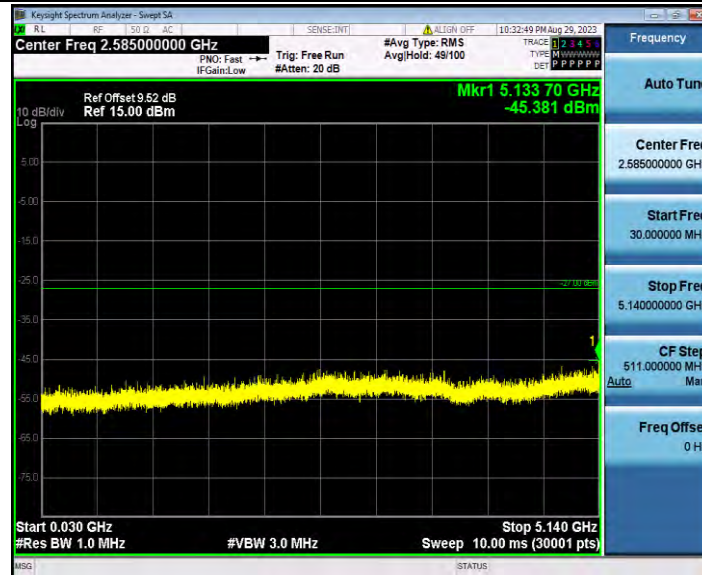
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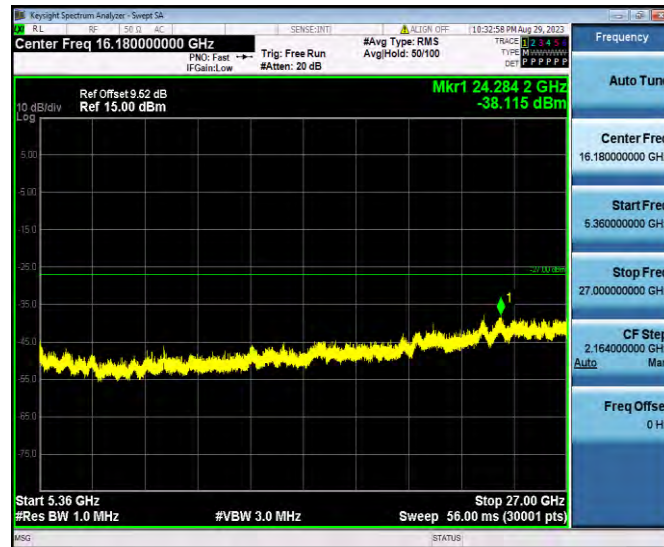
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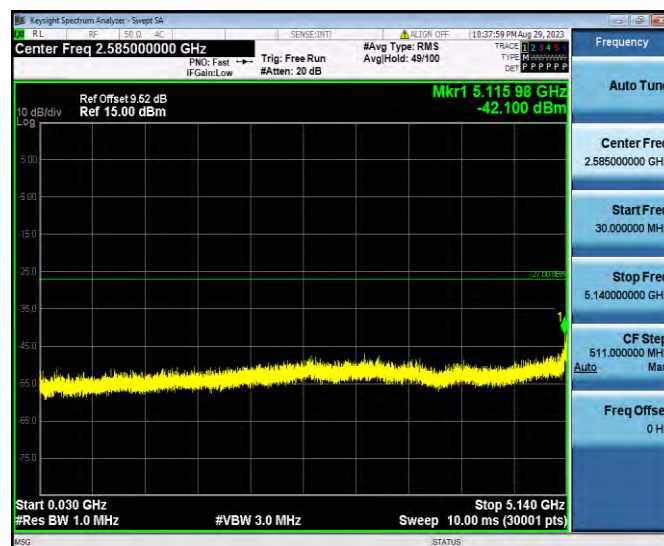
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11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_5360~40000



11AX80SISO_Ant1_5210_5360~40000