

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	Ant2	5180	11.46	64.29	1.92	13.38	≤23.98	PASS
		5200	11.86	64.29	1.92	13.78	≤23.98	PASS
		5240	12.16	64.29	1.92	14.08	≤23.98	PASS
11N20SISO	Ant2	5180	11.26	61.54	2.11	13.37	≤23.98	PASS
		5200	11.60	61.54	2.11	13.71	≤23.98	PASS
		5240	12.05	61.54	2.11	14.16	≤23.98	PASS
11N40SISO	Ant2	5190	9.93	50.00	3.01	12.94	≤23.98	PASS
		5230	10.35	50.00	3.01	13.36	≤23.98	PASS
11AC20SISO	Ant2	5180	11.11	58.33	2.34	13.45	≤23.98	PASS
		5200	11.31	60.00	2.22	13.53	≤23.98	PASS
		5240	11.76	58.33	2.34	14.10	≤23.98	PASS
11AC40SISO	Ant2	5190	9.41	47.37	3.24	12.65	≤23.98	PASS
		5230	7.70	47.37	3.24	10.94	≤23.98	PASS
11AC80SISO	Ant2	5210	6.28	37.50	4.26	10.54	≤23.98	PASS
11AX20SISO	Ant2	5180	8.81	54.55	2.63	11.44	≤23.98	PASS
		5200	9.11	54.55	2.63	11.74	≤23.98	PASS
		5240	9.52	54.55	2.63	12.15	≤23.98	PASS
11AX40SISO	Ant2	5190	7.77	47.37	3.24	11.01	≤23.98	PASS
		5230	8.13	47.37	3.24	11.37	≤23.98	PASS
11AX80SISO	Ant2	5210	7.36	44.44	3.52	10.88	≤23.98	PASS

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

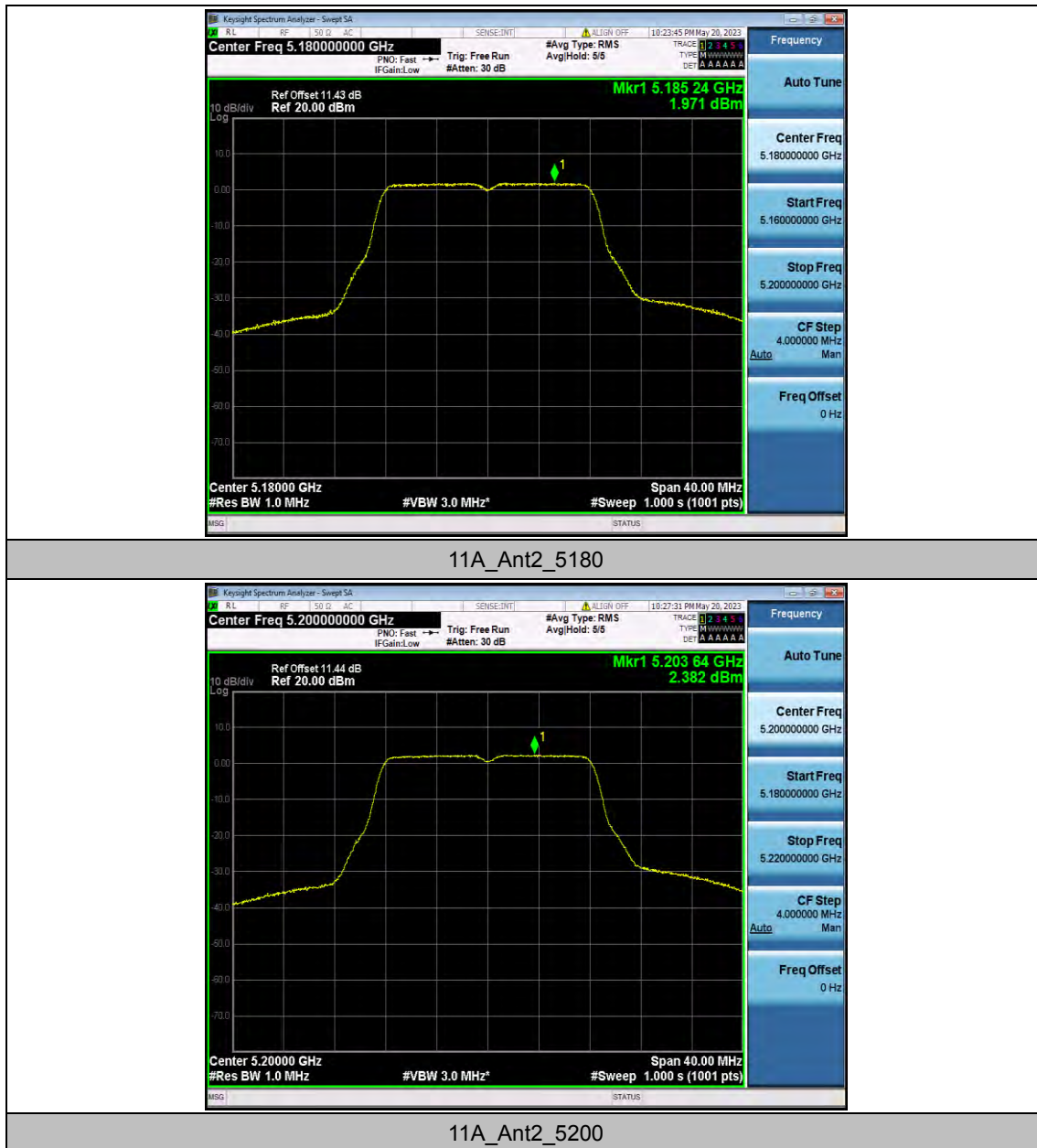
Appendix D.5: Maximum power spectral density

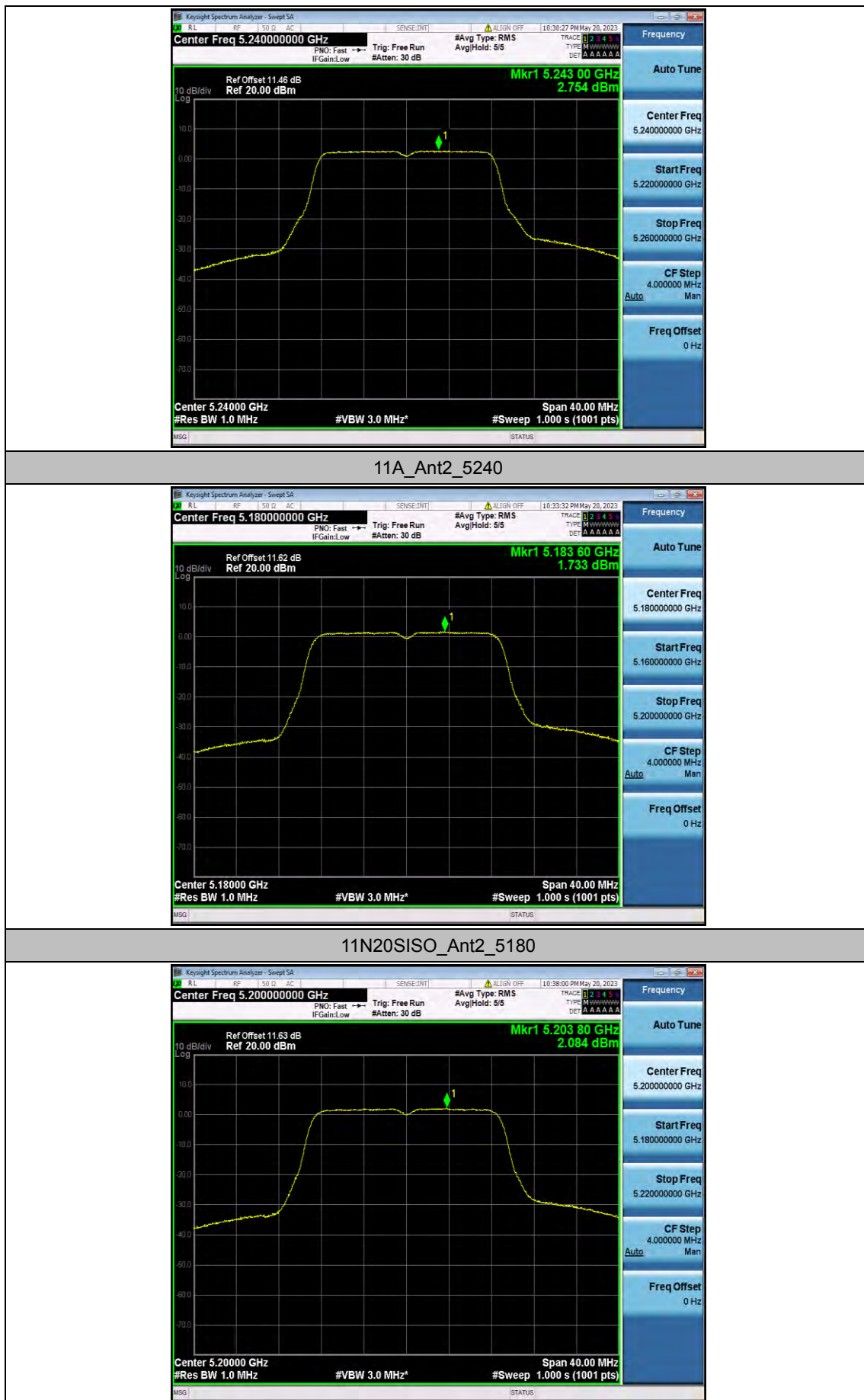
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	1.97	≤ 11.00	PASS
		5200	2.38	≤ 11.00	PASS
		5240	2.75	≤ 11.00	PASS
11N20SISO	Ant2	5180	1.73	≤ 11.00	PASS
		5200	2.08	≤ 11.00	PASS
		5240	2.5	≤ 11.00	PASS
11N40SISO	Ant2	5190	-1.47	≤ 11.00	PASS
		5230	-1.16	≤ 11.00	PASS
11AC20SISO	Ant2	5180	1.52	≤ 11.00	PASS
		5200	1.69	≤ 11.00	PASS
		5240	2.35	≤ 11.00	PASS
11AC40SISO	Ant2	5190	-1.45	≤ 11.00	PASS
		5230	-3.33	≤ 11.00	PASS
11AC80SISO	Ant2	5210	-6.45	≤ 11.00	PASS
11AX20SISO	Ant2	5180	-0.27	≤ 11.00	PASS
		5200	0.16	≤ 11.00	PASS
		5240	0.6	≤ 11.00	PASS
11AX40SISO	Ant2	5190	-3.38	≤ 11.00	PASS
		5230	-3.12	≤ 11.00	PASS
11AX80SISO	Ant2	5210	-6.37	≤ 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





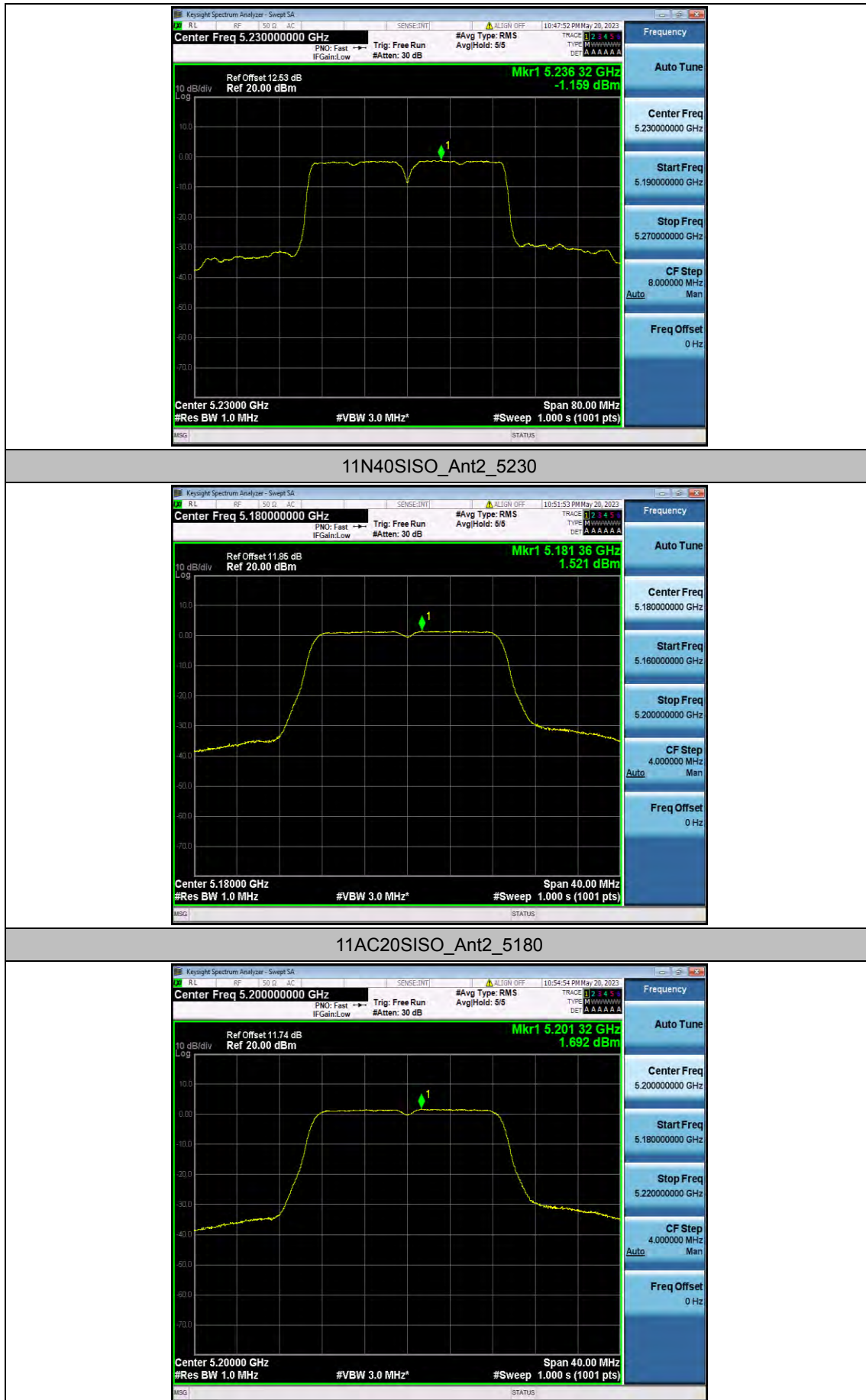
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11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



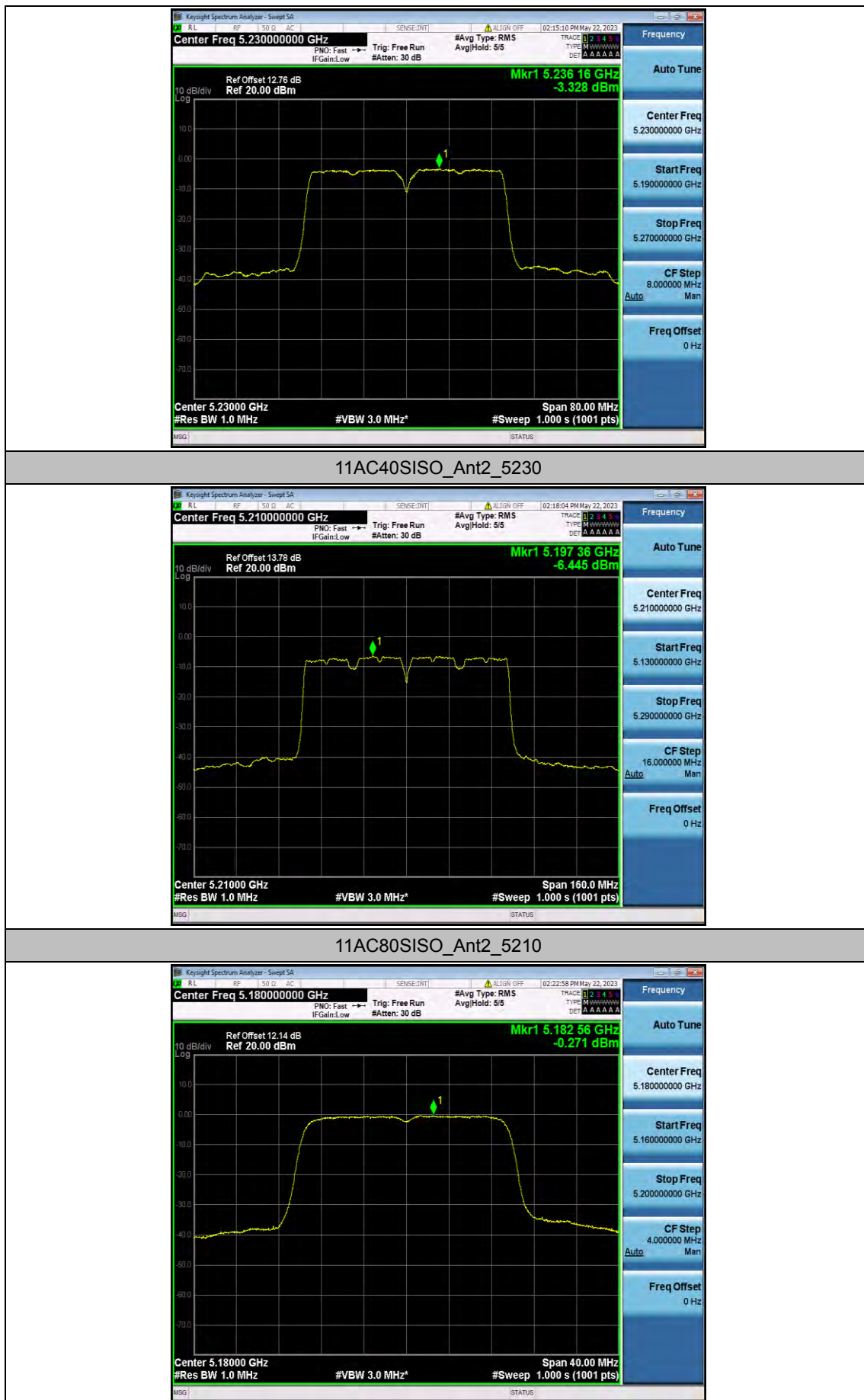
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11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



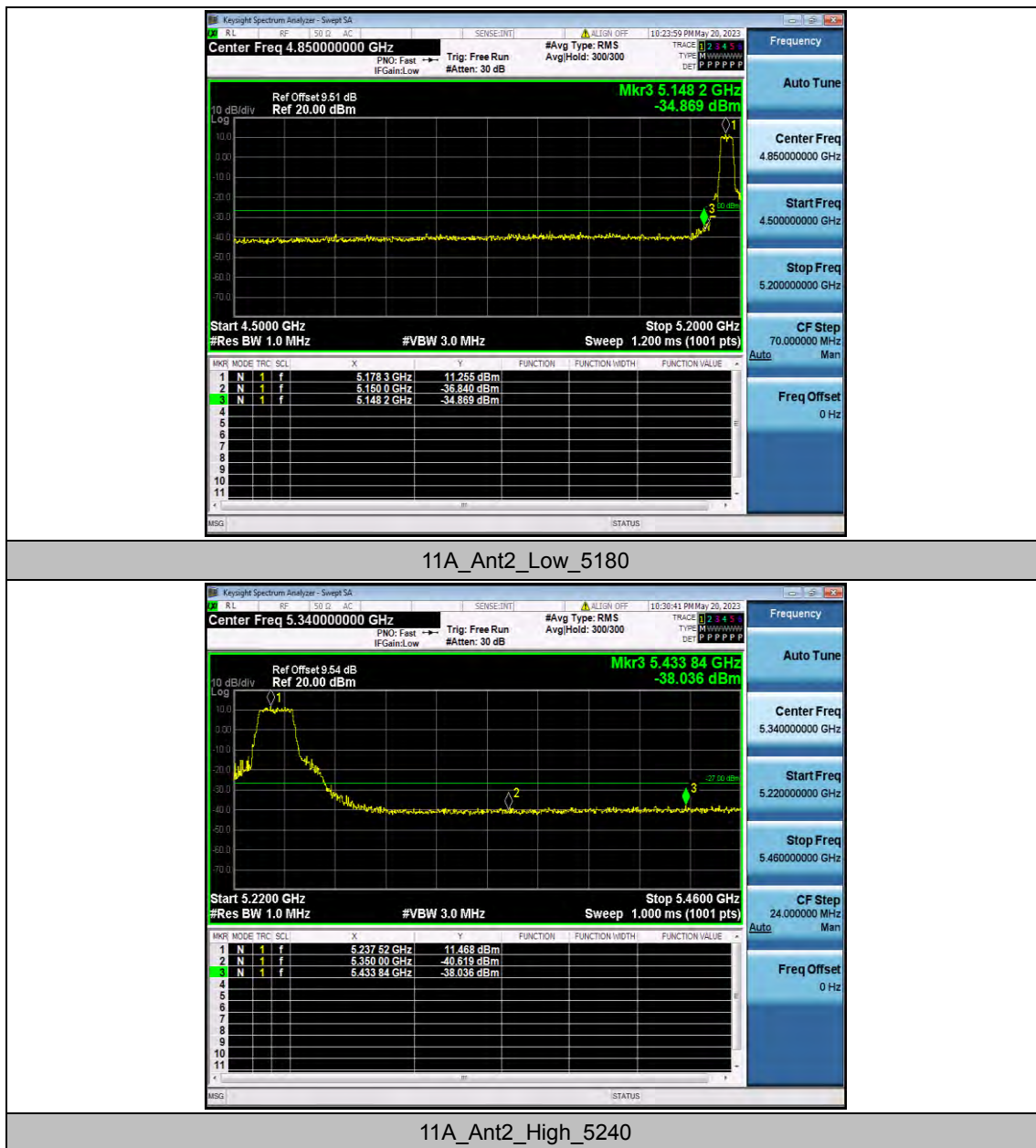
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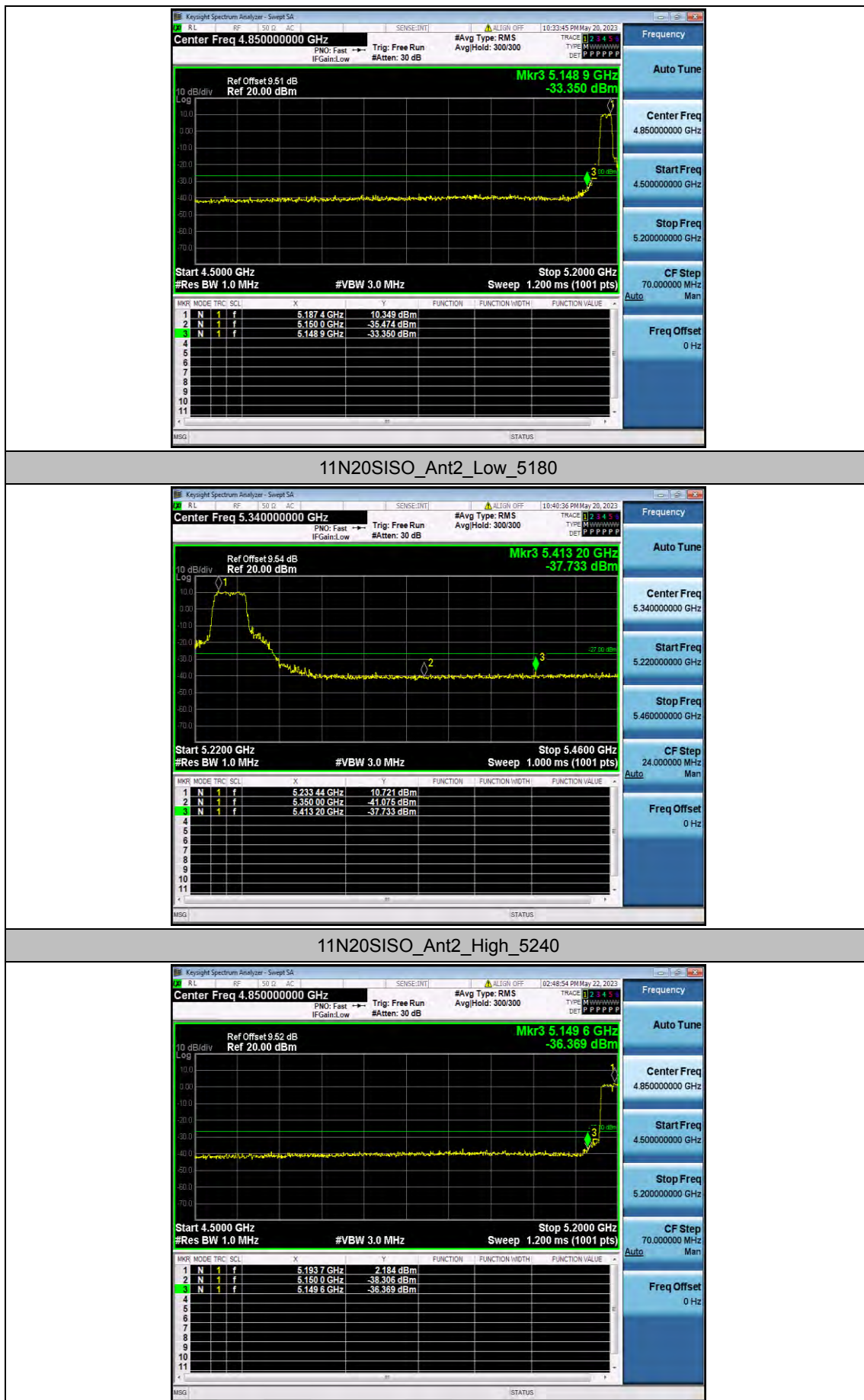
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-34.87	≤ -27	PASS
		High	5240	-38.04	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-33.35	≤ -27	PASS
		High	5240	-37.73	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-36.37	≤ -27	PASS
		High	5230	-37.92	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-35.6	≤ -27	PASS
		High	5240	-38.14	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-35	≤ -27	PASS
		High	5230	-38.37	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-31.87	≤ -27	PASS
		High	5210	-38.19	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-38.03	≤ -27	PASS
		High	5240	-37.93	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-31.27	≤ -27	PASS
		High	5230	-37.27	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-28.69	≤ -27	PASS
		High	5210	-37.22	≤ -27	PASS

Test Graphs B1

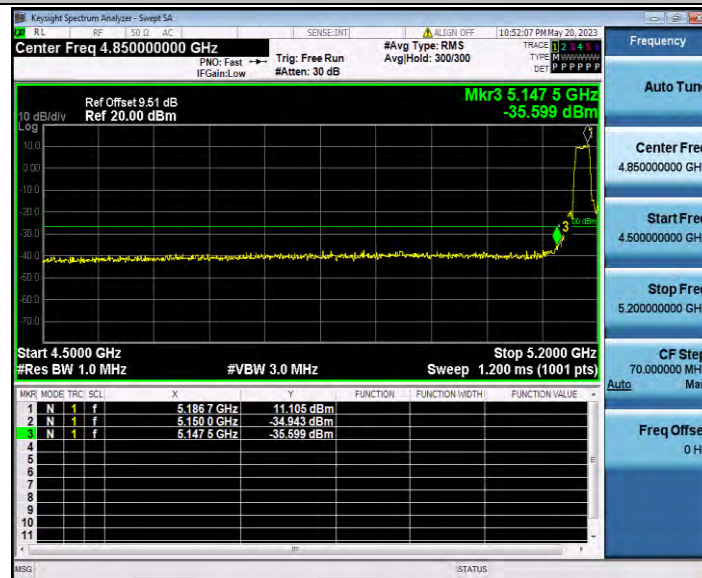




11N40SISO_Ant2_Low_5190



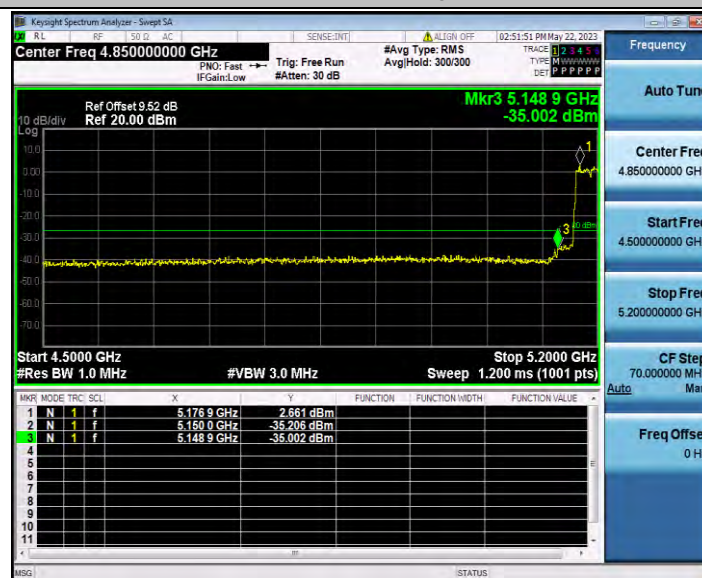
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11AC20SISO_Ant2_Low_5180



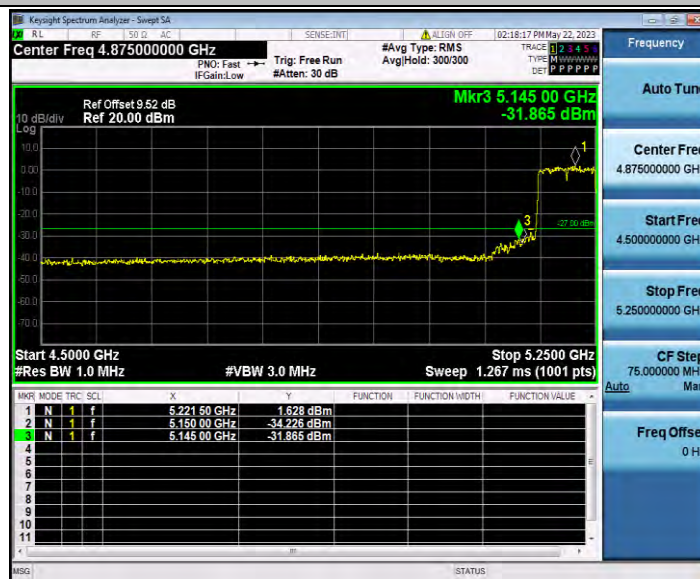
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11AC40SISO_Ant2_Low_5190



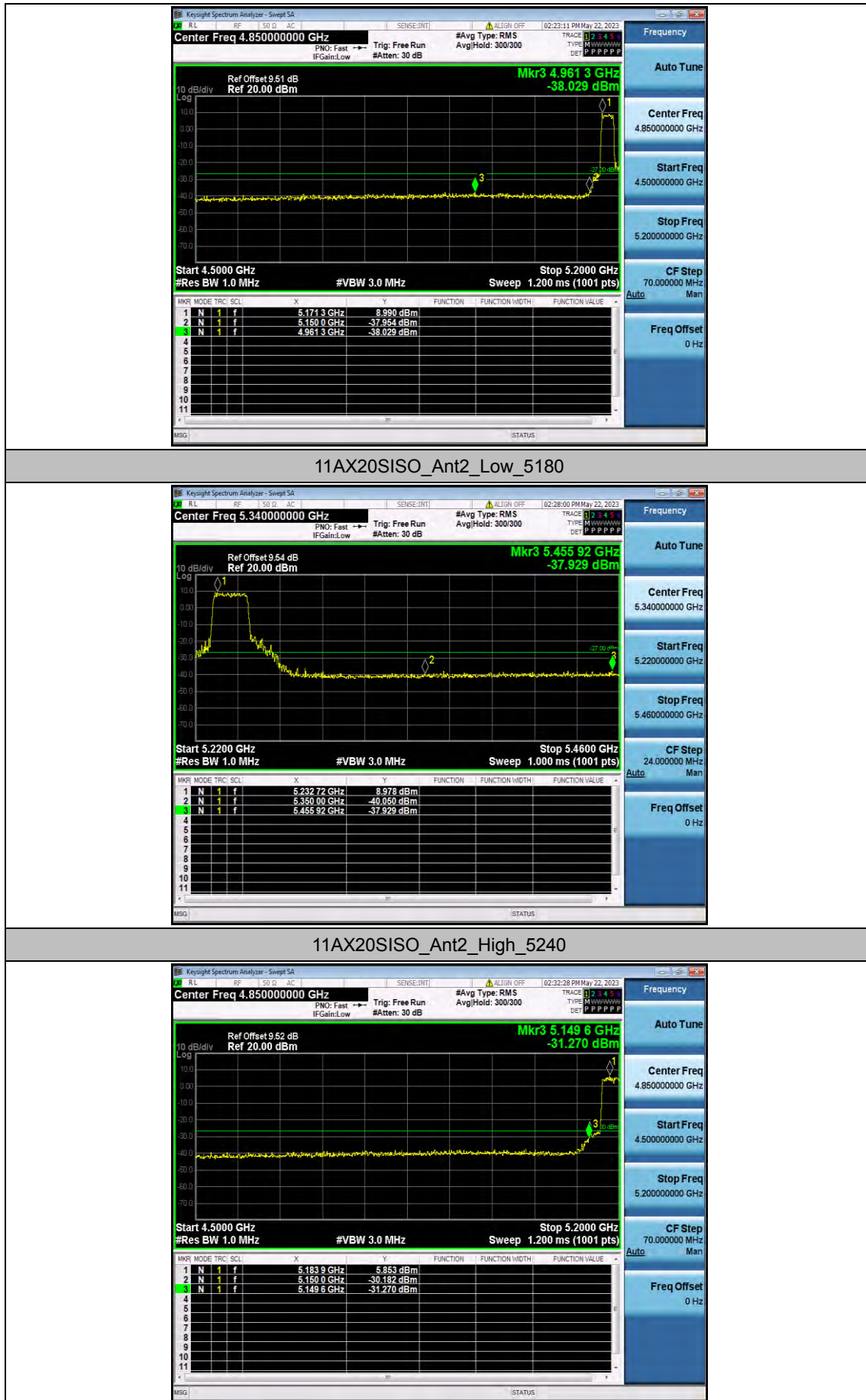
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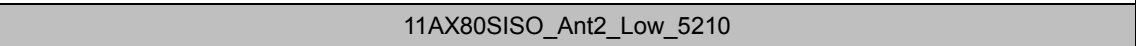
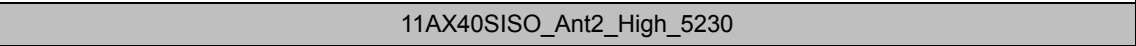


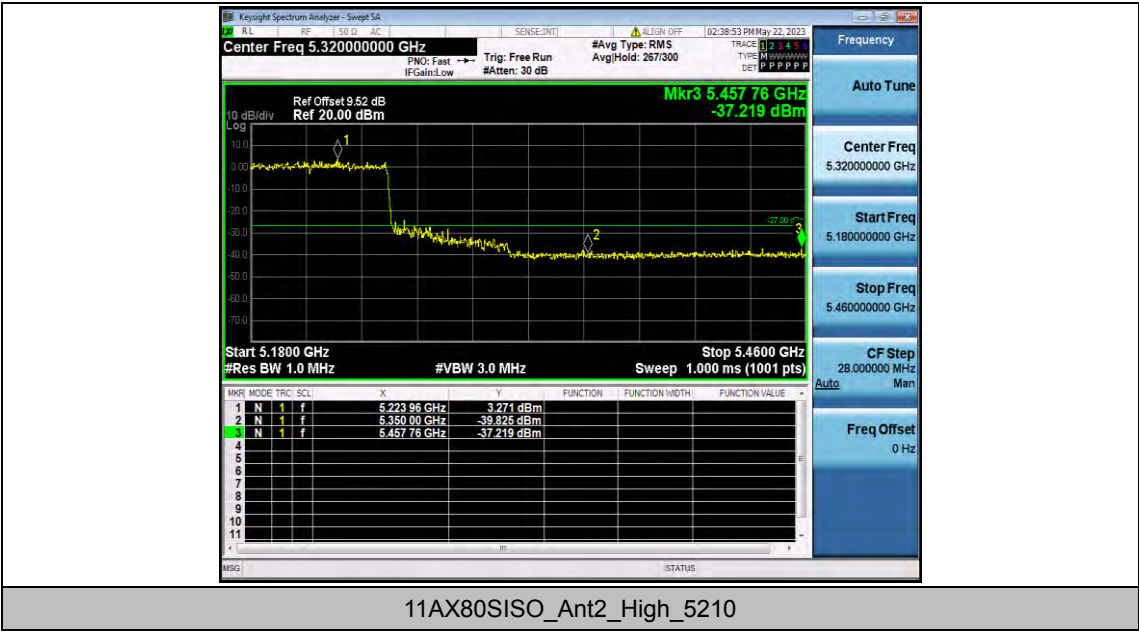
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11AC80SISO_Ant2_High_5210







11AX80ISO_Ant2_High_5210

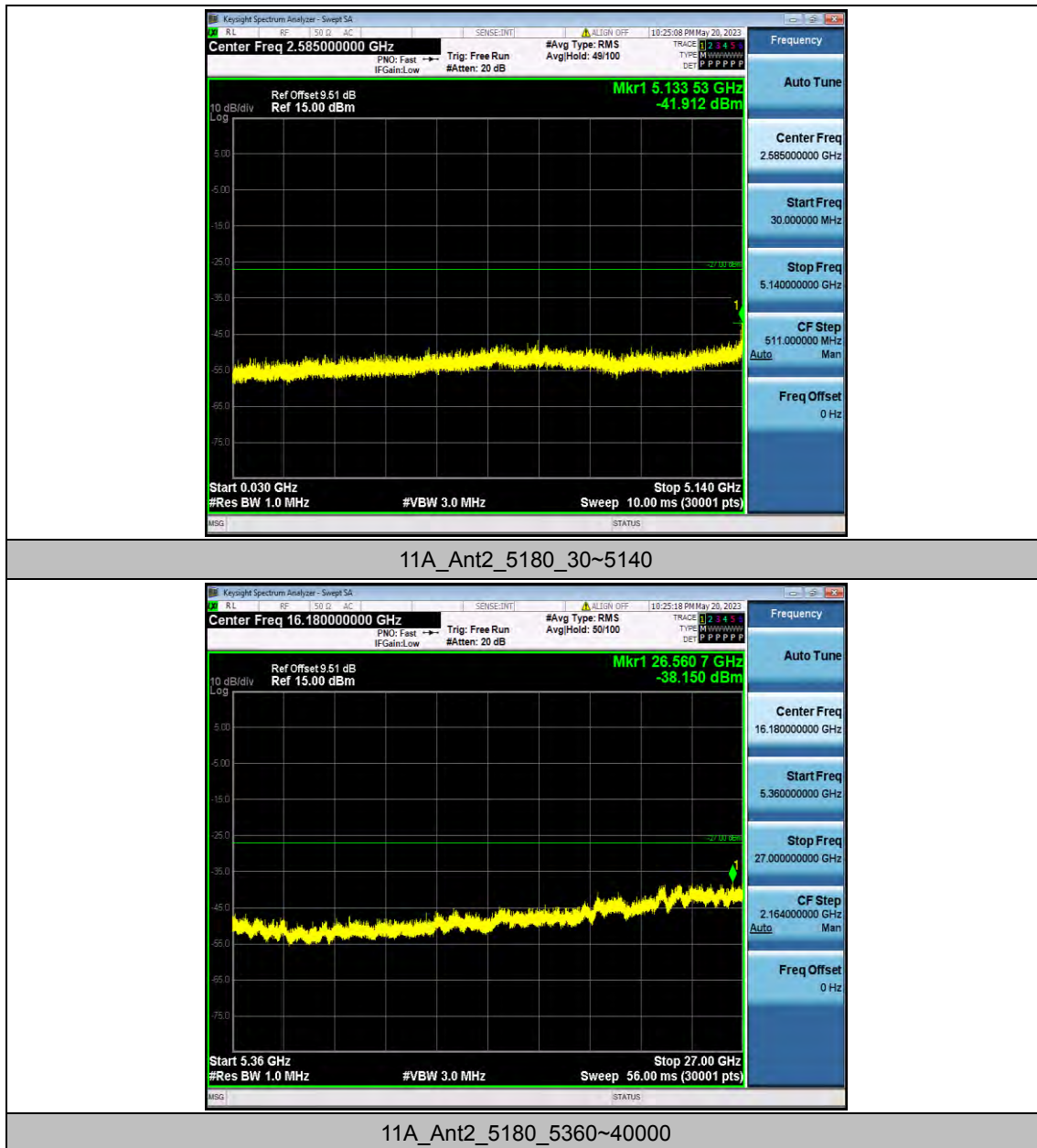
Appendix D.7: Conducted Spurious Emission

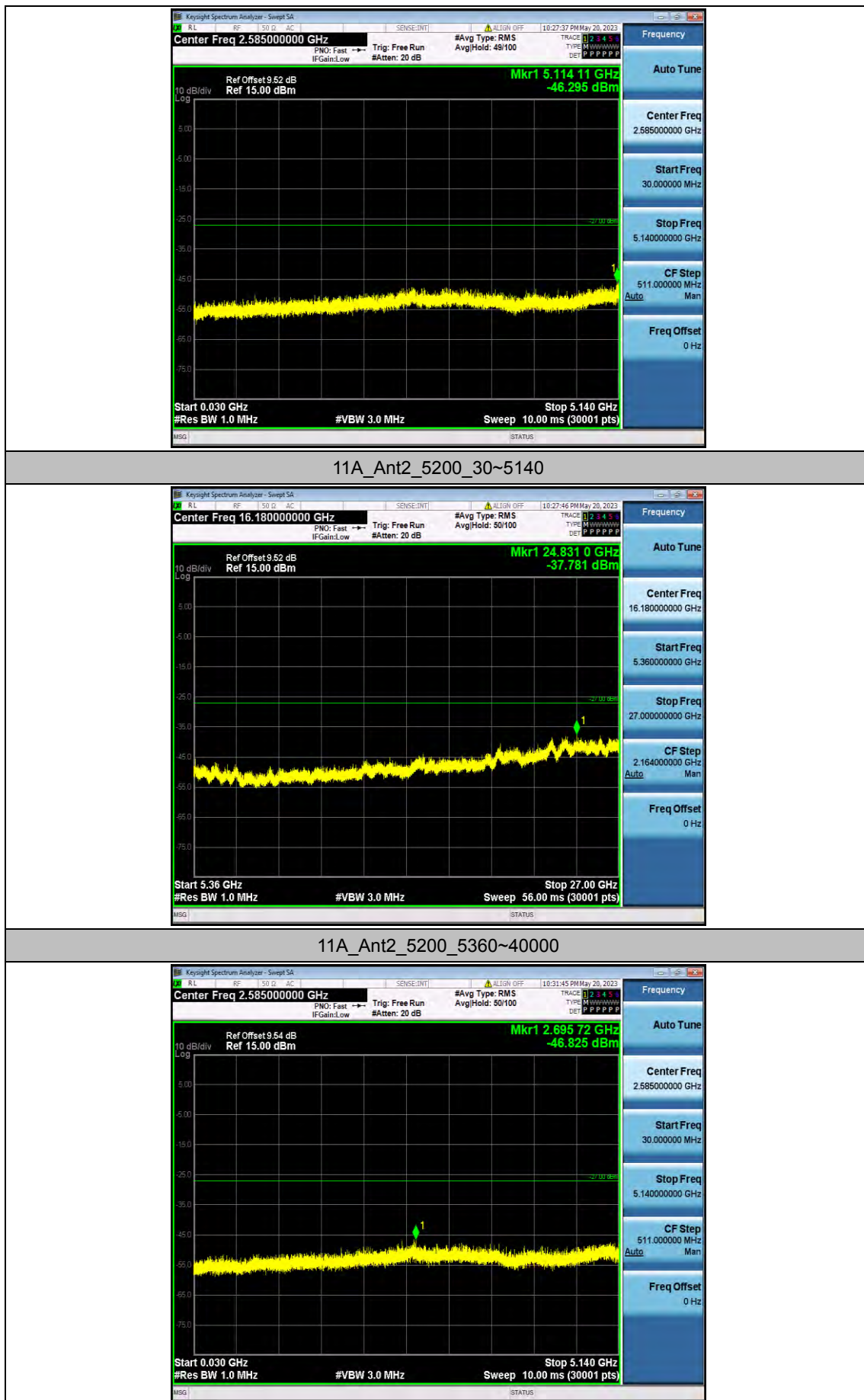
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	5133.53	-41.91	≤-27	PASS
			5360~40000	26560.71	-38.15	≤-27	PASS
		5200	30~5140	5114.11	-46.3	≤-27	PASS
			5360~40000	24830.95	-37.78	≤-27	PASS
		5240	30~5140	2695.72	-46.83	≤-27	PASS
			5360~40000	24248.11	-37.94	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5133.87	-41.18	≤-27	PASS
			5360~40000	24230.8	-37.96	≤-27	PASS
		5200	30~5140	5134.38	-46.3	≤-27	PASS
			5360~40000	25159.16	-37.56	≤-27	PASS
		5240	30~5140	5027.41	-46.56	≤-27	PASS
			5360~40000	24749.44	-37.82	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5138.81	-36.71	≤-27	PASS
			5360~40000	24836	-36.94	≤-27	PASS
		5230	30~5140	5135.23	-43.96	≤-27	PASS
			5360~40000	26923.54	-38.07	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5138.47	-40.51	≤-27	PASS
			5360~40000	24838.16	-37.89	≤-27	PASS
		5200	30~5140	5131.48	-45.03	≤-27	PASS
			5360~40000	24862.69	-37.04	≤-27	PASS
		5240	30~5140	3153.23	-47.57	≤-27	PASS
			5360~40000	24825.9	-38.05	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5139.32	-35.01	≤-27	PASS
			5360~40000	26847.8	-38.35	≤-27	PASS
		5230	30~5140	5135.23	-46.97	≤-27	PASS
			5360~40000	23516.68	-37.69	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5124.33	-36.04	≤-27	PASS
			5360~40000	24338.28	-38.94	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	5111.04	-44.12	≤-27	PASS
			5360~40000	24329.62	-37.61	≤-27	PASS
		5200	30~5140	4966.77	-46.85	≤-27	PASS
			5360~40000	25229.85	-38.16	≤-27	PASS
		5240	30~5140	4946.5	-46.91	≤-27	PASS
			5360~40000	24789.11	-37.37	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5136.42	-39.69	≤-27	PASS
			5360~40000	26833.37	-37.96	≤-27	PASS

		5230	30~5140	5131.82	-46.53	≤-27	PASS
			5360~40000	23523.89	-37.89	≤-27	PASS
11AX80SISO	Ant2	5210	30~5140	5140	-33.78	≤-27	PASS
			5360~40000	24146.41	-37.82	≤-27	PASS

Test Graphs

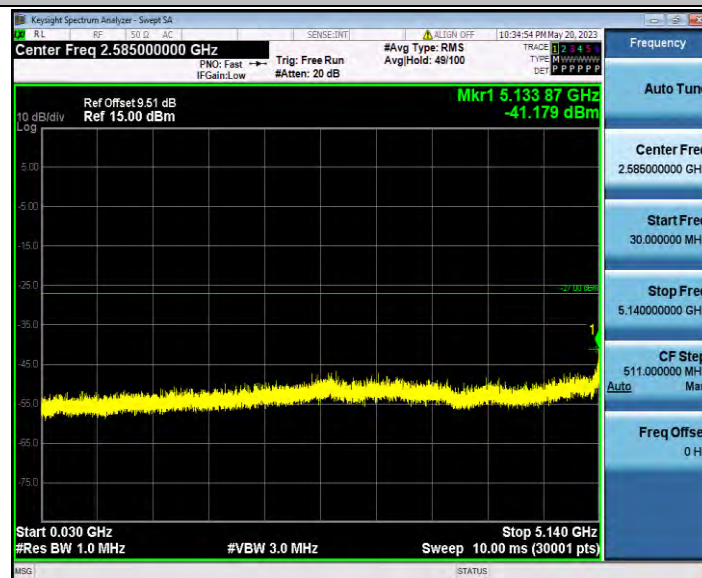




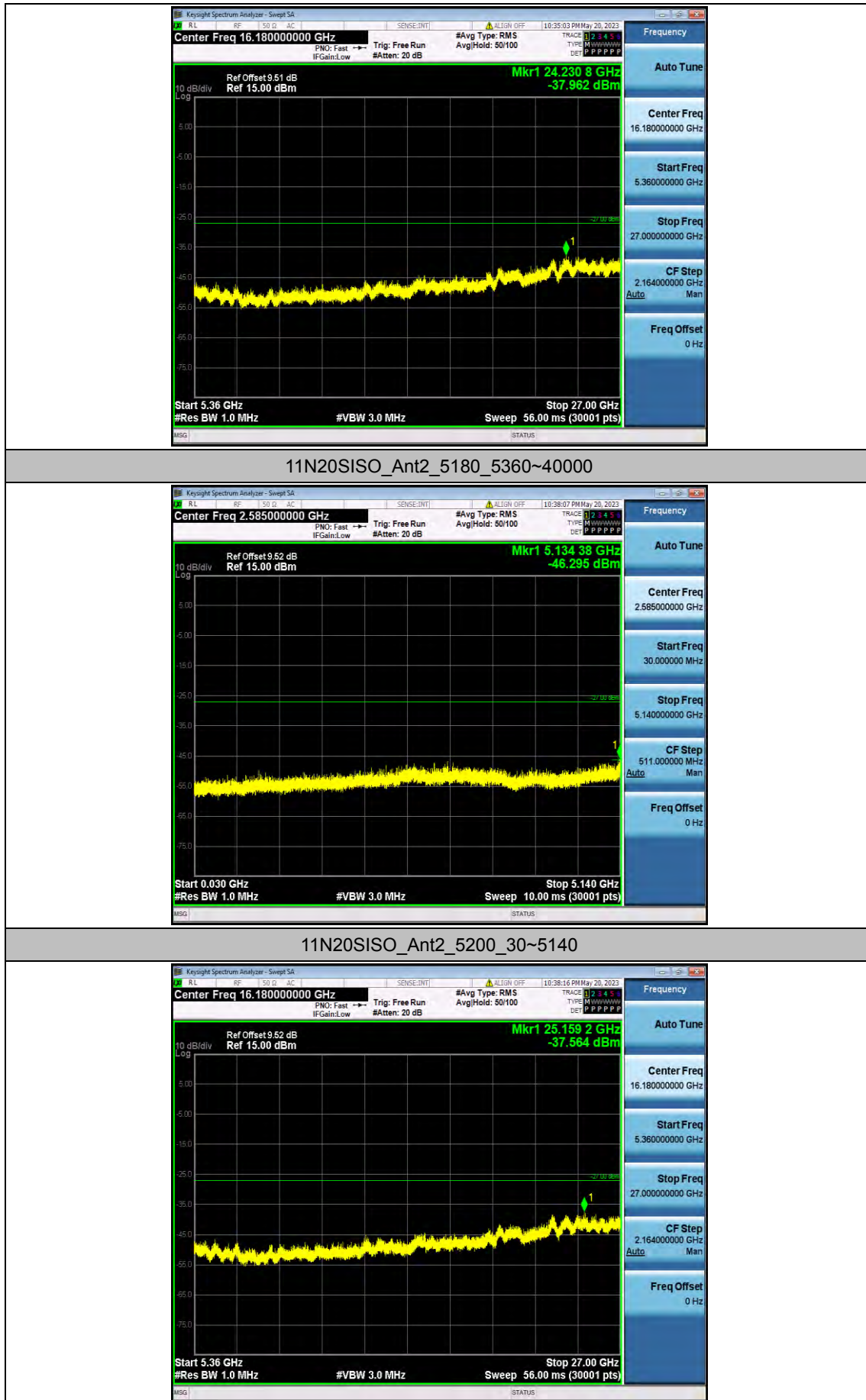
11A_Ant2_5240_30~5140



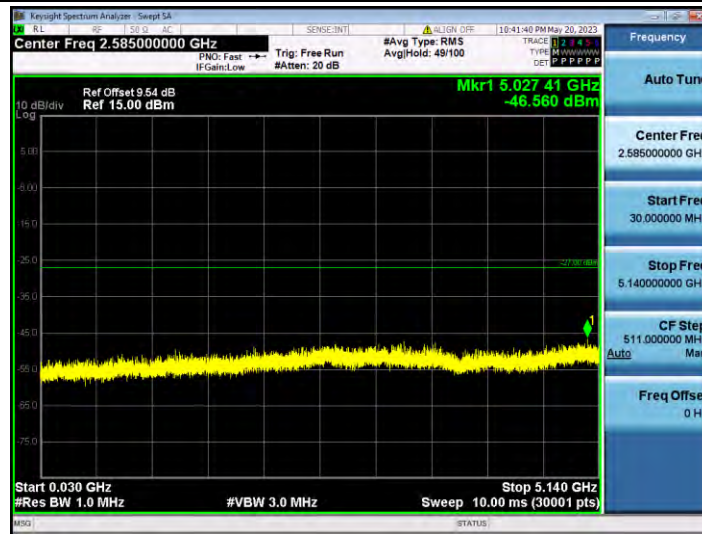
11A_Ant2_5240_5360~40000



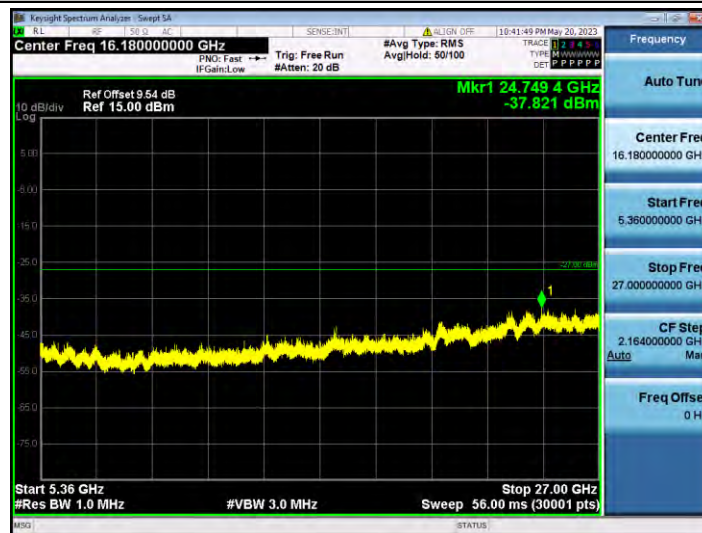
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11N20SISO_Ant2_5200_5360~40000



11N20SISO_Ant2_5240_30~5140



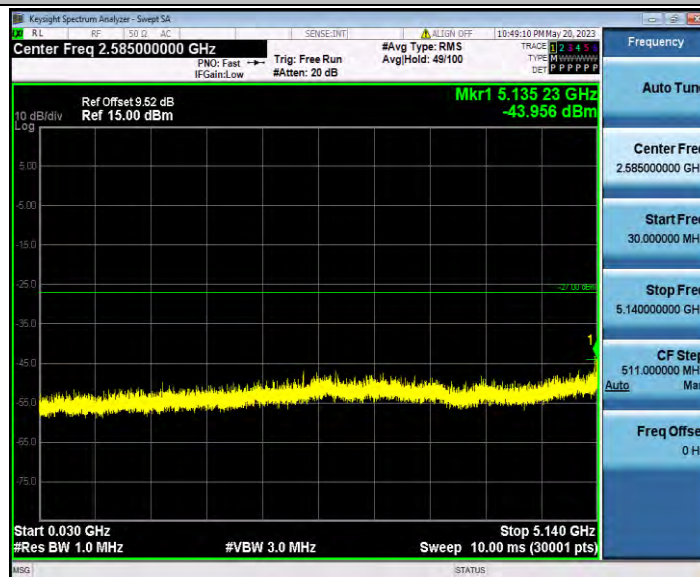
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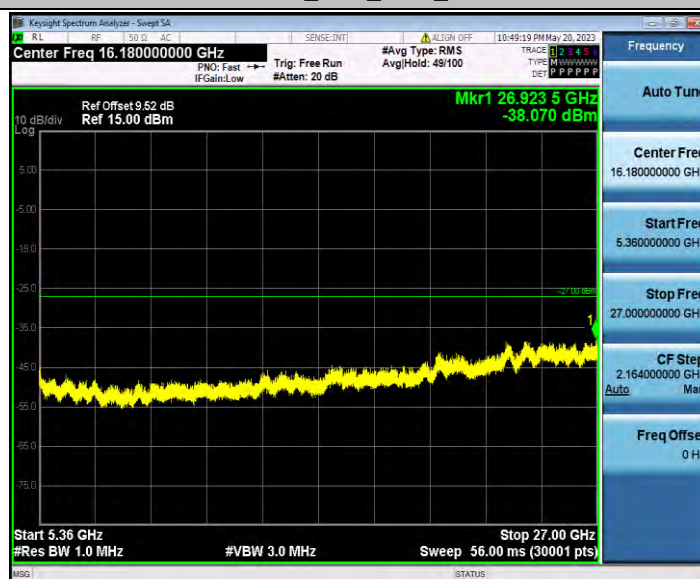
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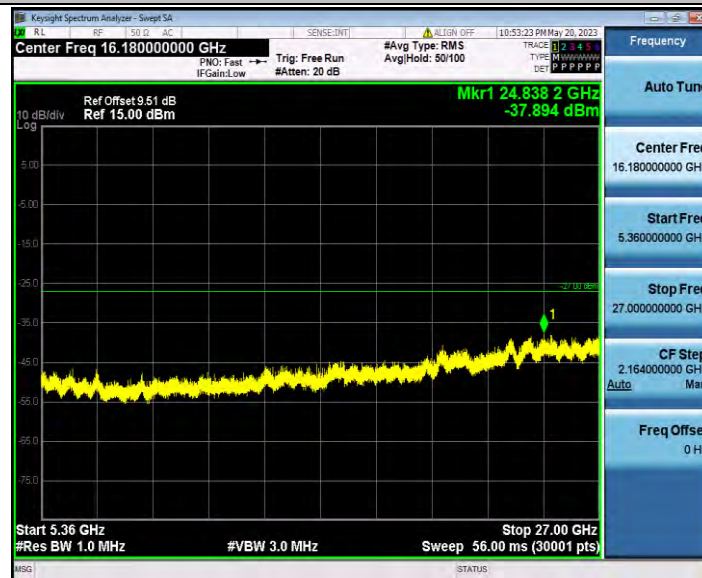
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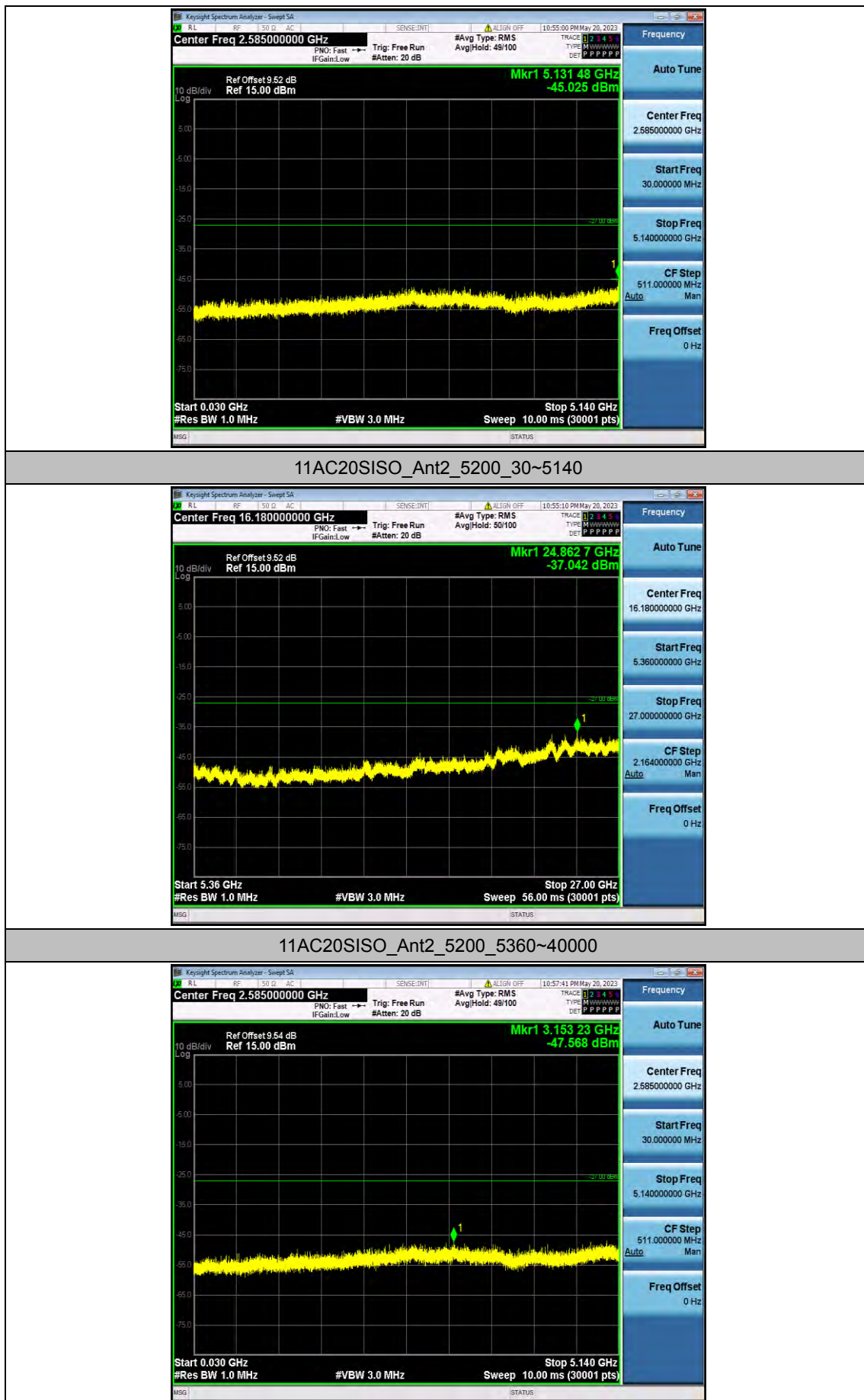
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11AC20SISO_Ant2_5180_30~5140



11AC20SISO_Ant2_5180_5360~40000



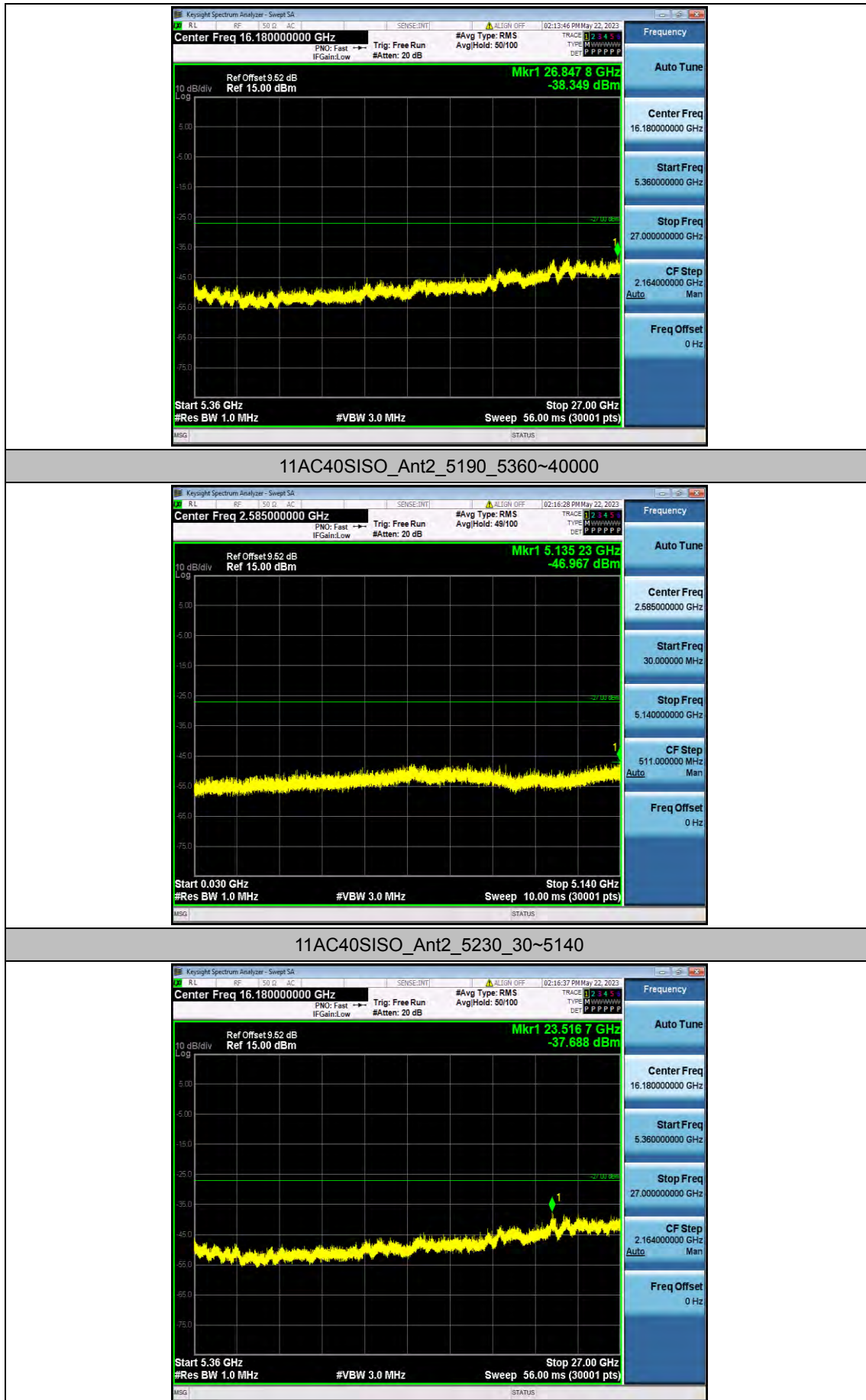
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11AC20SISO_Ant2_5240_5360~40000



11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5230_5360~40000



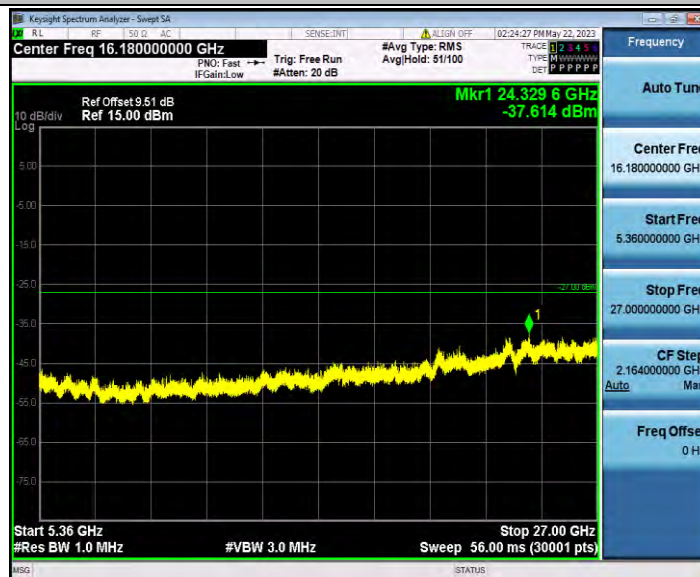
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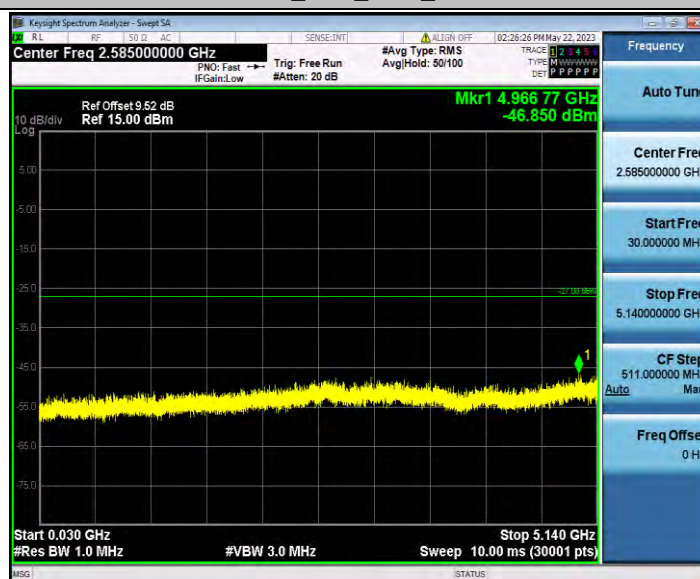
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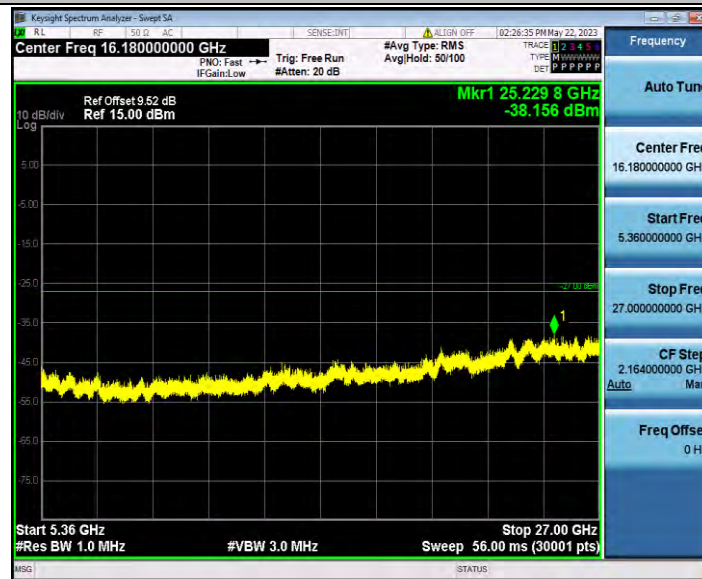
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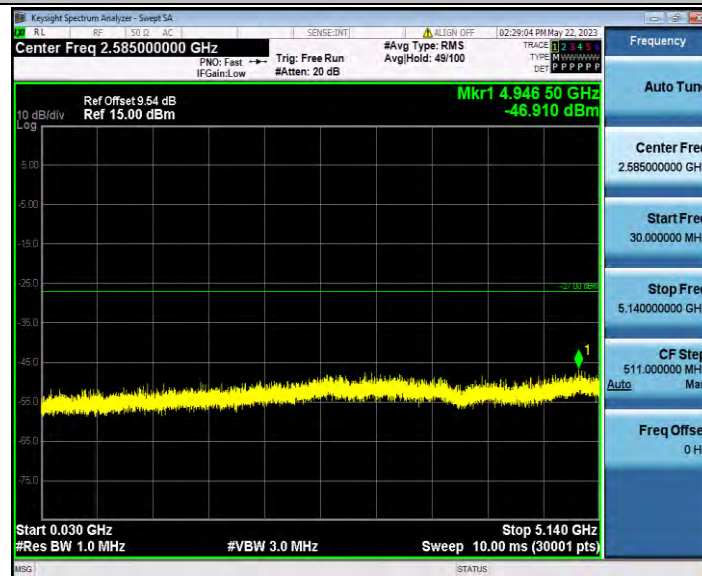
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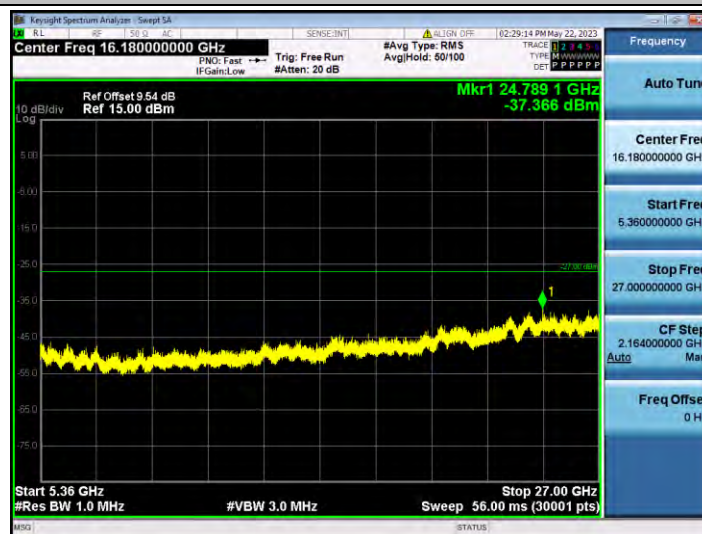
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11AX20SISO_Ant2_5200_5360~40000



11AX20SISO_Ant2_5240_30~5140



11AX20SISO_Ant2_5240_5360~40000



11AX40SISO_Ant2_5190_30~5140



11AX40SISO_Ant2_5190_5360~40000

