

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	Ant0	5180	7.71	40.70	3.90	11.61	≤23.98	PASS
		5200	10.49	71.54	1.45	11.94	≤23.98	PASS
		5240	11.71	52.94	2.76	14.47	≤23.98	PASS
11N20SISO	Ant0	5180	14.16	94.59	0.24	14.40	≤23.98	PASS
		5200	14.71	94.59	0.24	14.95	≤23.98	PASS
		5240	15.71	95.95	0.18	15.89	≤23.98	PASS
11N40SISO	Ant0	5190	8.74	66.06	1.80	10.54	≤23.98	PASS
		5230	10.21	67.39	1.71	11.92	≤23.98	PASS
11AC20SISO	Ant0	5180	10.91	80.00	0.97	11.88	≤23.98	PASS
		5200	11.20	80.95	0.92	12.12	≤23.98	PASS
		5240	11.79	80.95	0.92	12.71	≤23.98	PASS
11AC40SISO	Ant0	5190	8.71	69.38	1.59	10.30	≤23.98	PASS
		5230	10.17	69.38	1.59	11.76	≤23.98	PASS
11AC80SISO	Ant0	5210	7.06	48.29	3.16	10.22	≤23.98	PASS
11AX20SISO	Ant0	5180	11.03	78.95	1.03	12.06	≤23.98	PASS
		5200	11.27	84.21	0.75	12.02	≤23.98	PASS
		5240	12.22	80.00	0.97	13.19	≤23.98	PASS
11AX40SISO	Ant0	5190	8.38	56.69	2.46	10.84	≤23.98	PASS
		5230	9.58	56.89	2.45	12.03	≤23.98	PASS
11AX80SISO	Ant0	5210	7.44	50.37	2.98	10.42	≤23.98	PASS

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

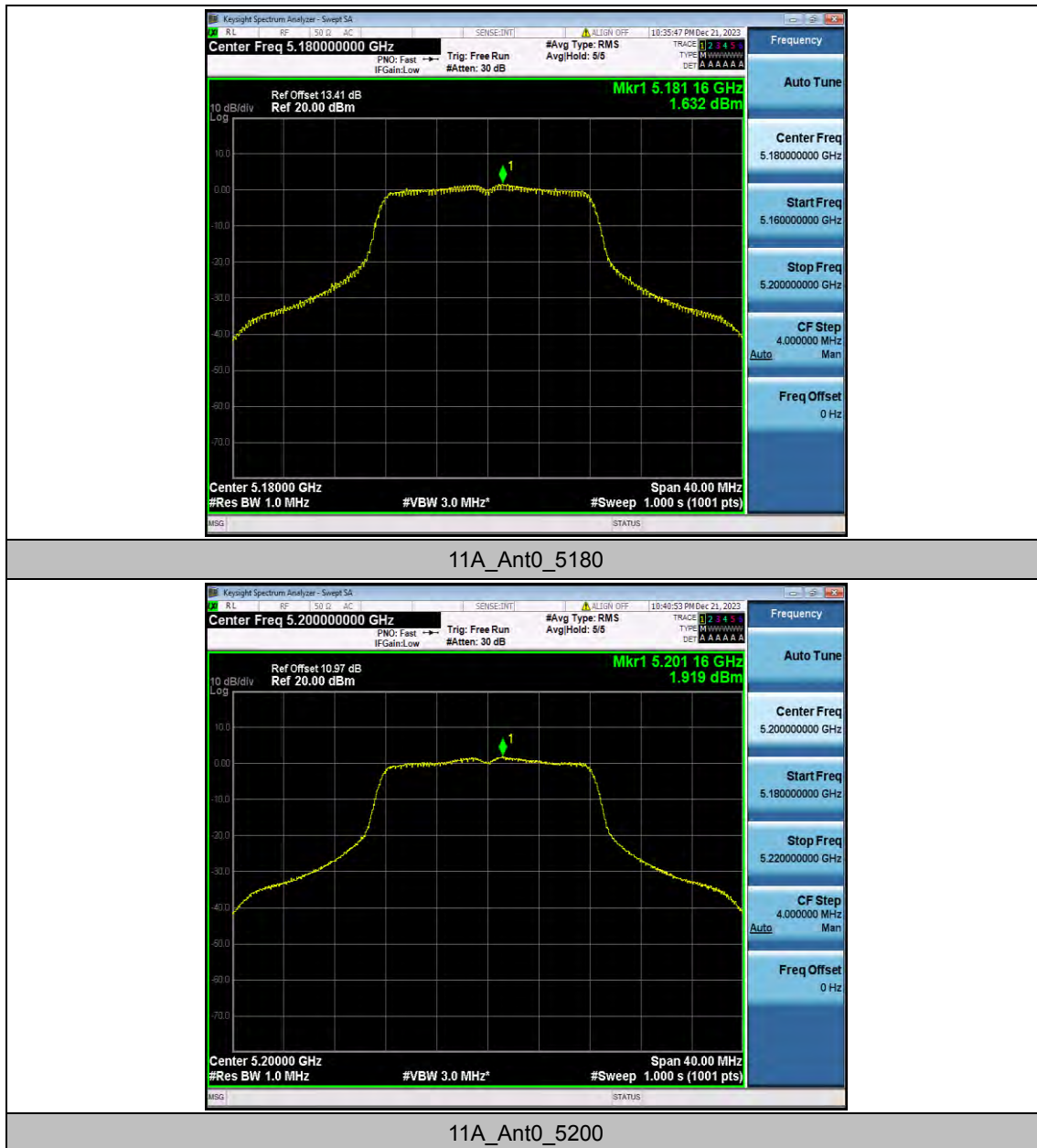
Appendix D.5: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	1.63	≤ 11.00	PASS
		5200	1.92	≤ 11.00	PASS
		5240	4.05	≤ 11.00	PASS
11N20SISO	Ant0	5180	3.41	≤ 11.00	PASS
		5200	3.99	≤ 11.00	PASS
		5240	5.14	≤ 11.00	PASS
11N40SISO	Ant0	5190	-2.17	≤ 11.00	PASS
		5230	-0.77	≤ 11.00	PASS
11AC20SISO	Ant0	5180	0.84	≤ 11.00	PASS
		5200	1.12	≤ 11.00	PASS
		5240	1.92	≤ 11.00	PASS
11AC40SISO	Ant0	5190	-2.35	≤ 11.00	PASS
		5230	-0.9	≤ 11.00	PASS
11AC80SISO	Ant0	5210	-5.26	≤ 11.00	PASS
11AX20SISO	Ant0	5180	0.64	≤ 11.00	PASS
		5200	0.63	≤ 11.00	PASS
		5240	2.08	≤ 11.00	PASS
11AX40SISO	Ant0	5190	-3.62	≤ 11.00	PASS
		5230	-2.24	≤ 11.00	PASS
11AX80SISO	Ant0	5210	-6.59	≤ 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

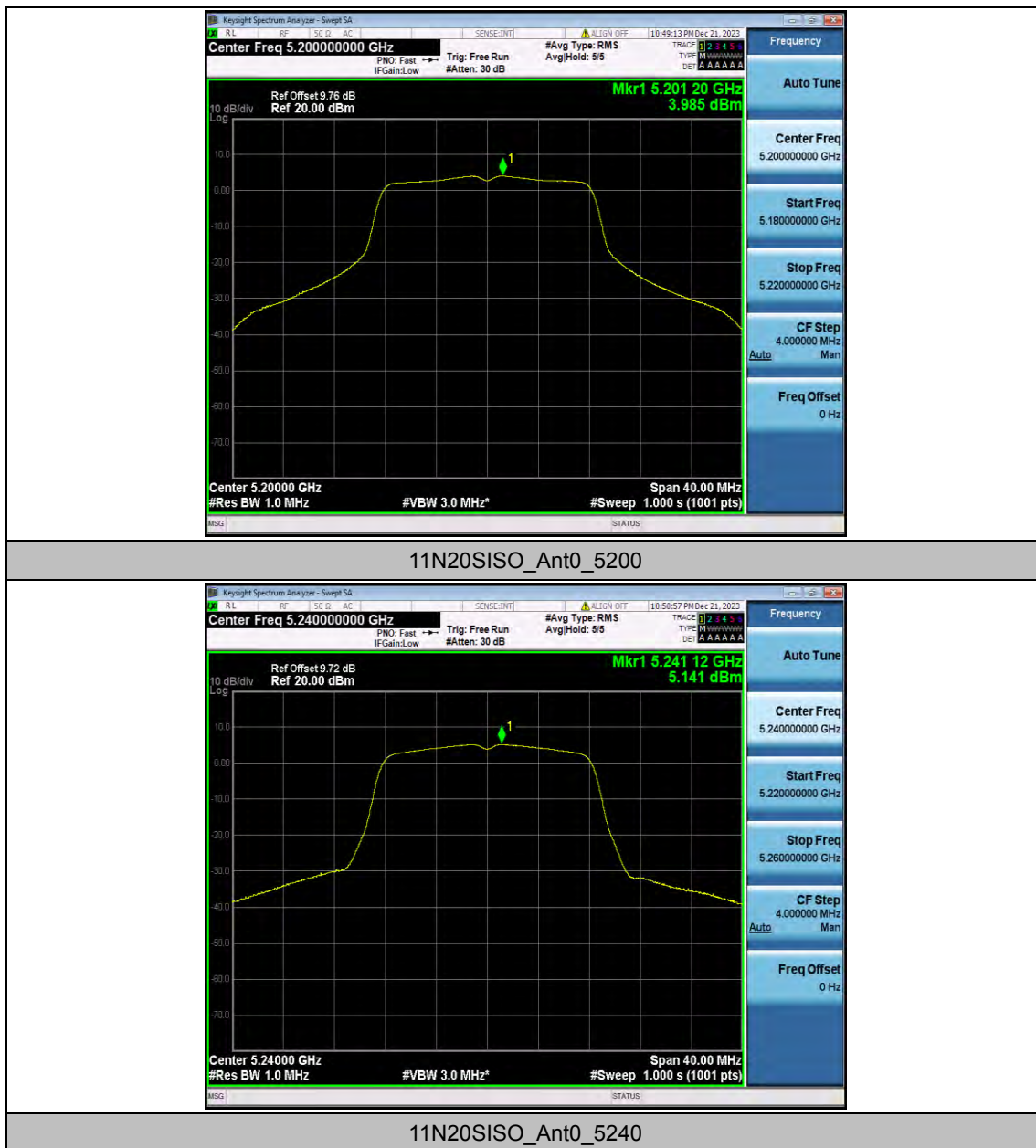




11A_Ant0_5240



11N20SISO_Ant0_5180





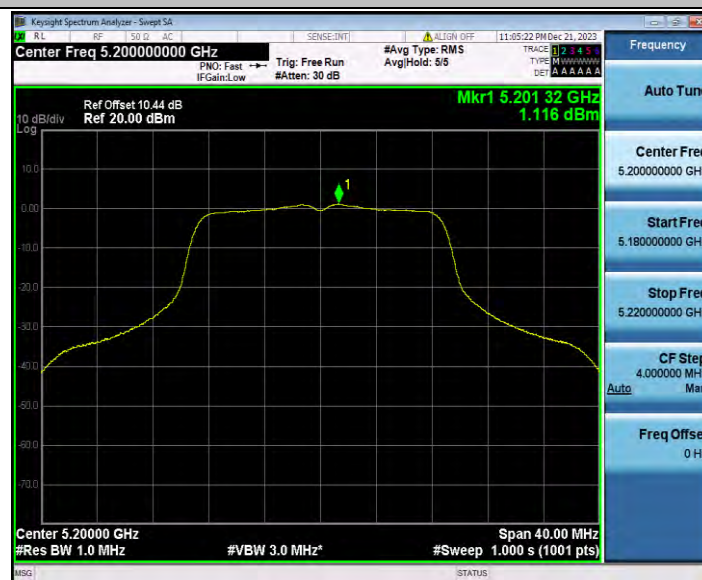
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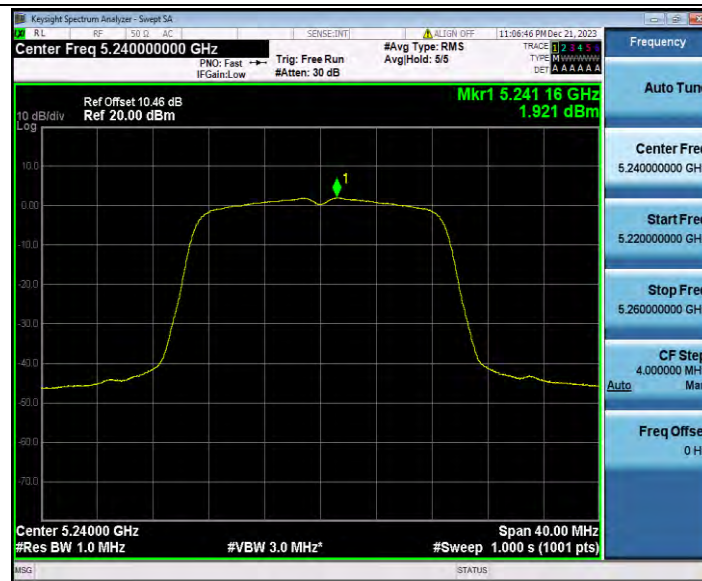
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11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



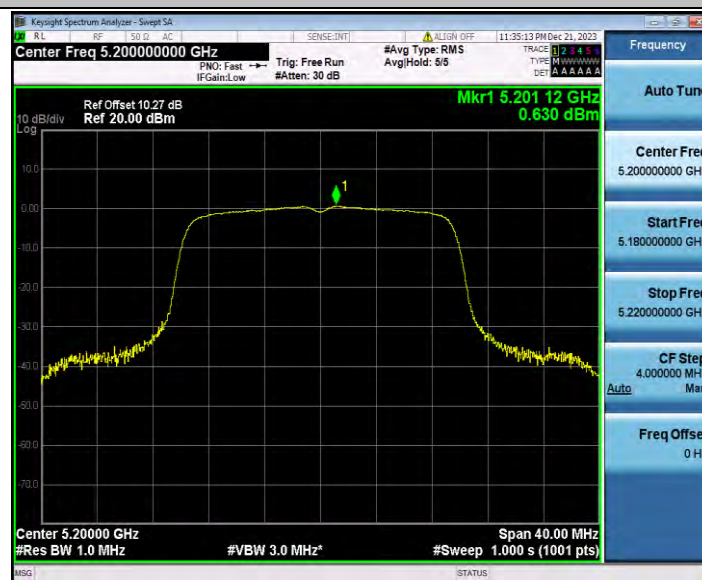
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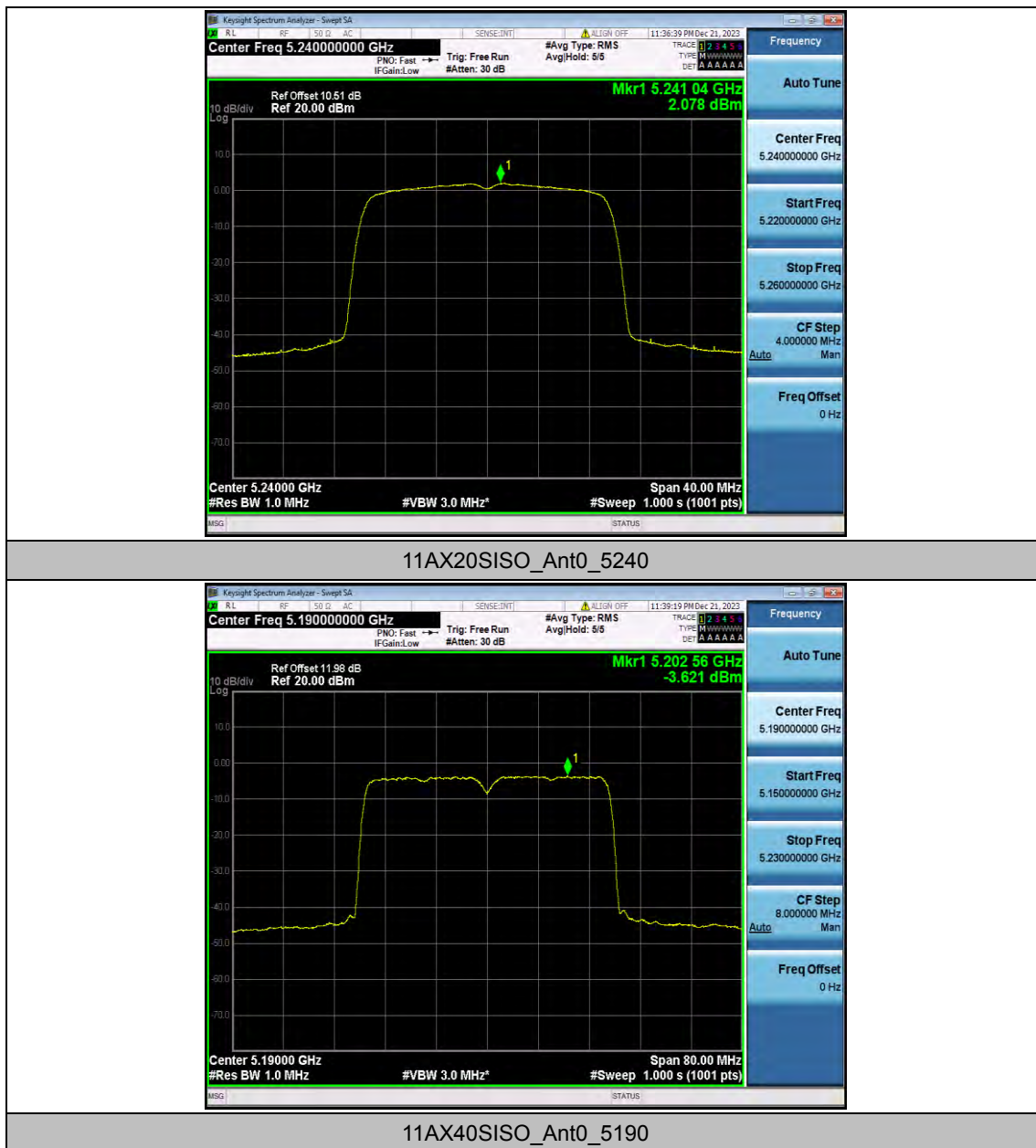
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11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200





11AX40SISO_Ant0_5230



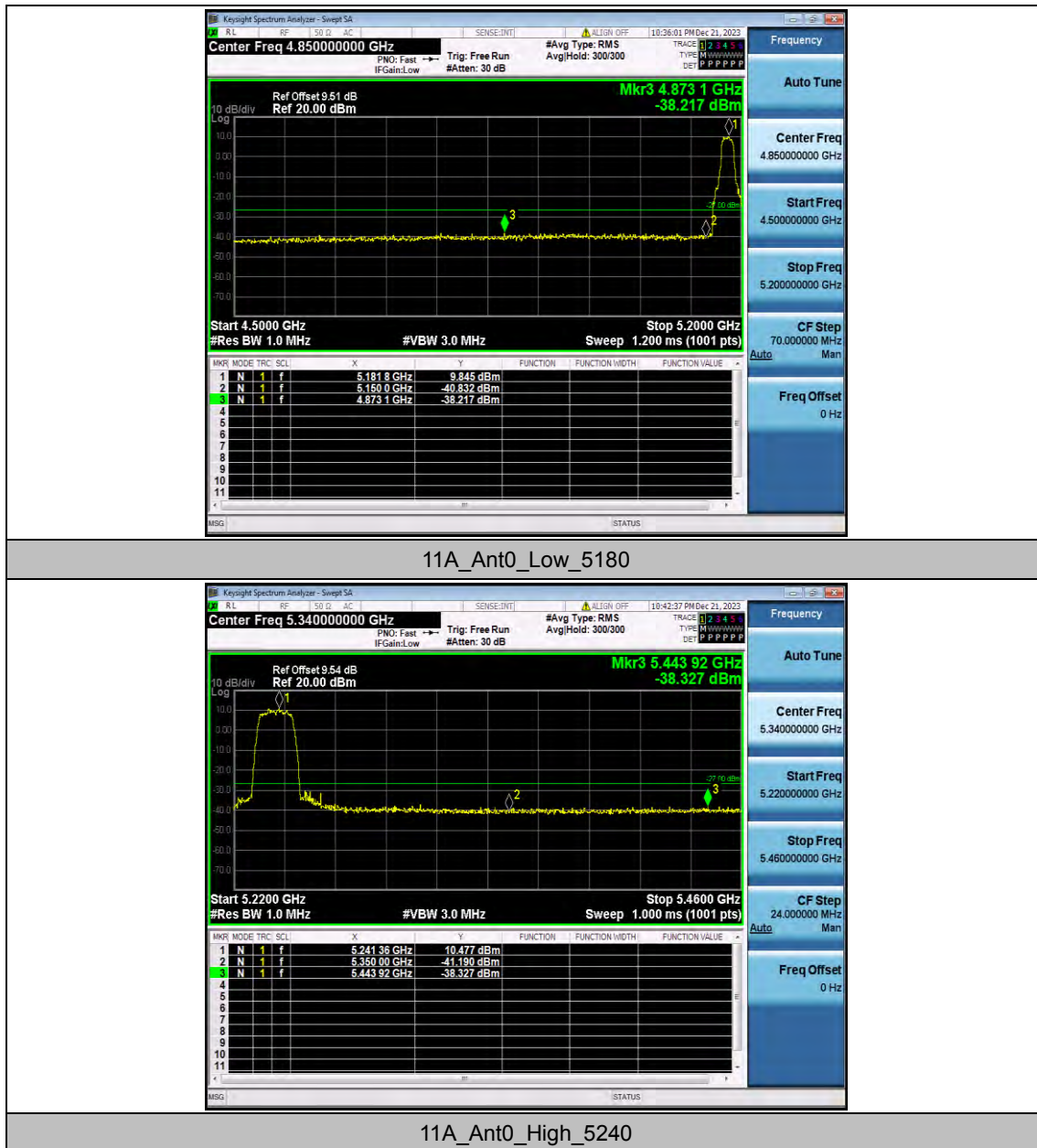
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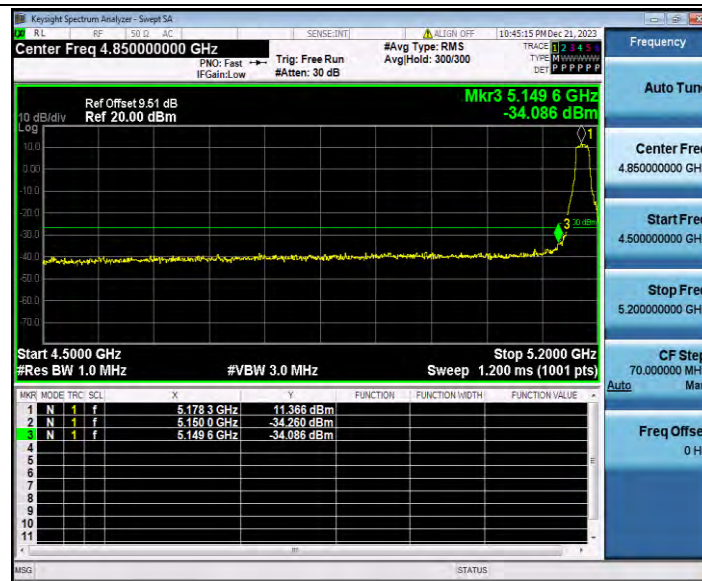
Appendix D.6: Band edge measurements

Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-38.22	≤ -27	PASS
		High	5240	-38.33	≤ -27	PASS
11N20SISO	Ant0	Low	5180	-34.09	≤ -27	PASS
		High	5240	-38.27	≤ -27	PASS
11N40SISO	Ant0	Low	5190	-37.85	≤ -27	PASS
		High	5230	-37.68	≤ -27	PASS
11AC20SISO	Ant0	Low	5180	-37.65	≤ -27	PASS
		High	5240	-37.68	≤ -27	PASS
11AC40SISO	Ant0	Low	5190	-37.67	≤ -27	PASS
		High	5230	-37.49	≤ -27	PASS
11AC80SISO	Ant0	Low	5210	-37.5	≤ -27	PASS
		High	5210	-38.45	≤ -27	PASS
11AX20SISO	Ant0	Low	5180	-37.62	≤ -27	PASS
		High	5240	-37.65	≤ -27	PASS
11AX40SISO	Ant0	Low	5190	-37.61	≤ -27	PASS
		High	5230	-38.01	≤ -27	PASS
11AX80SISO	Ant0	Low	5210	-36.43	≤ -27	PASS
		High	5210	-37.93	≤ -27	PASS

Test Graphs B1

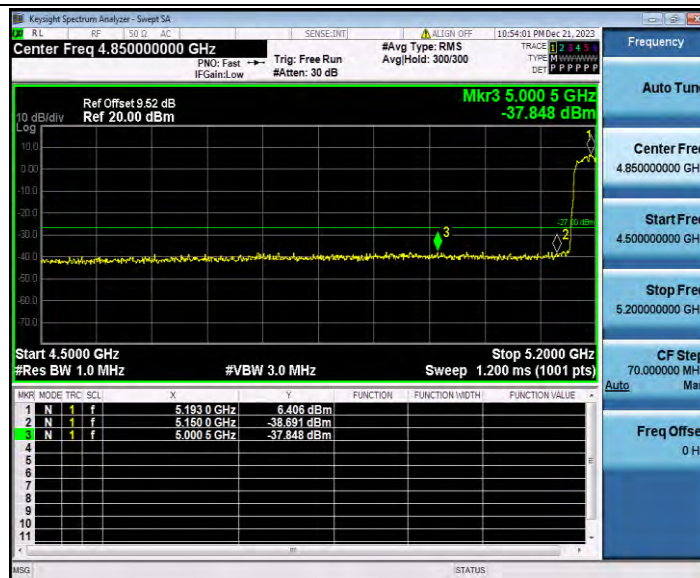




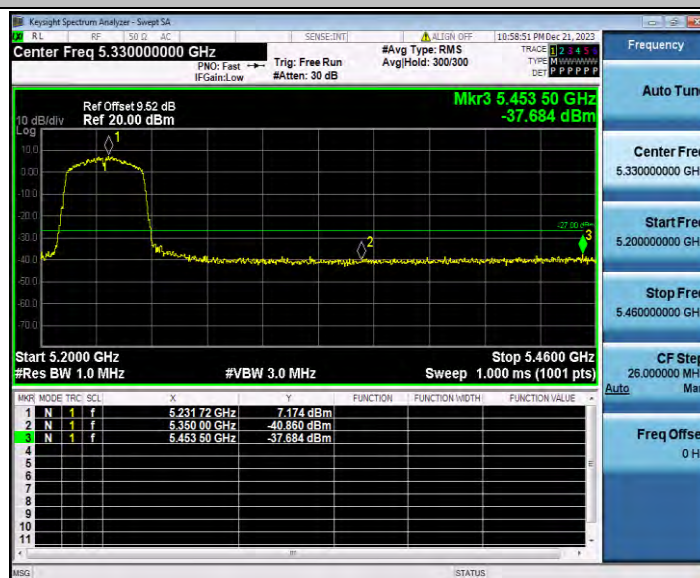
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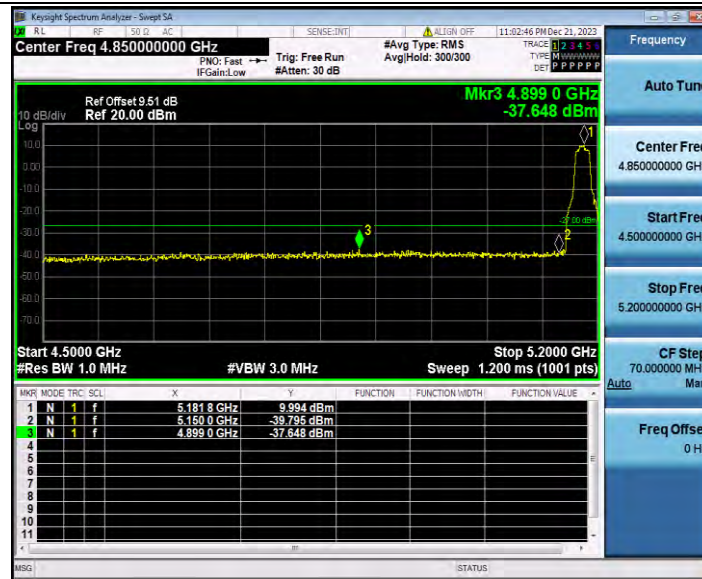
11N20SISO_Ant0_High_5240



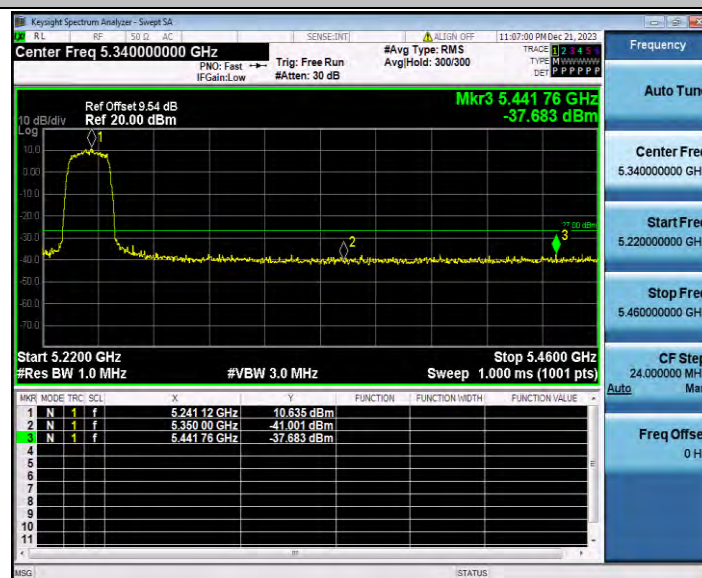
11N40SISO_Ant0_Low_5190



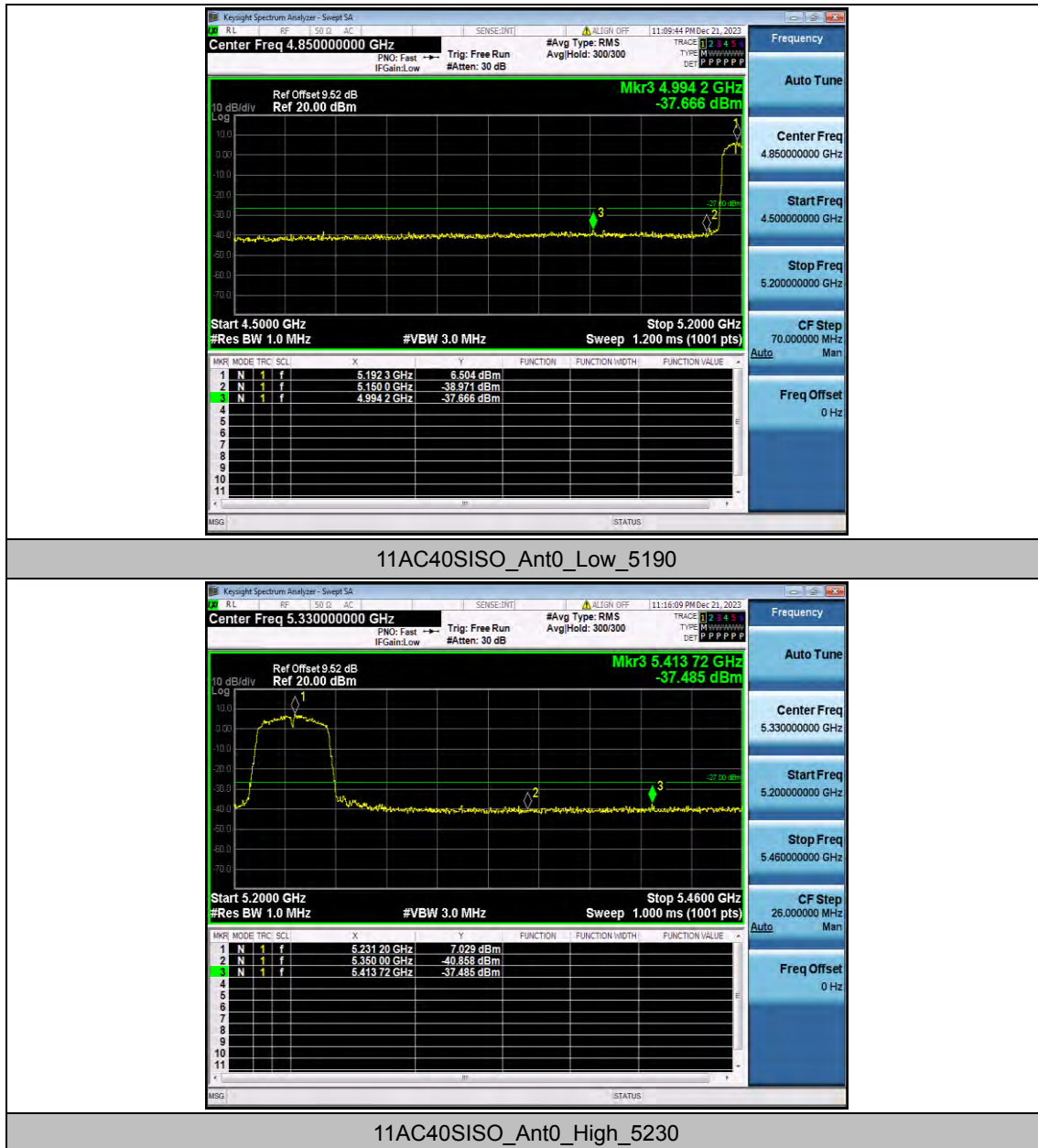
11N40SISO_Ant0_High_5230

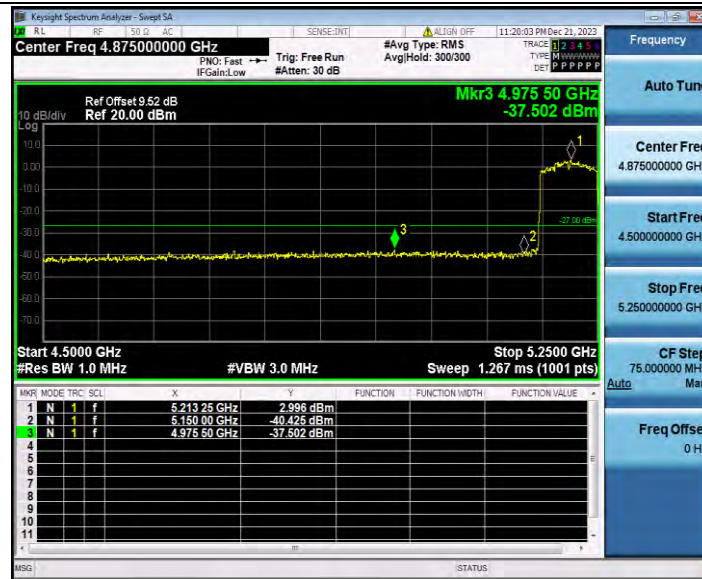


11AC20SISO_Ant0_Low_5180



11AC20SISO_Ant0_High_5240

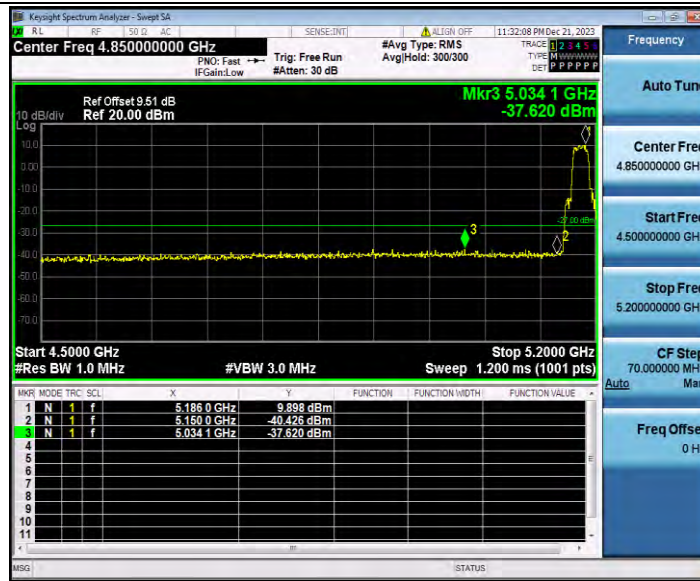




11AC80SISO_Ant0_Low_5210



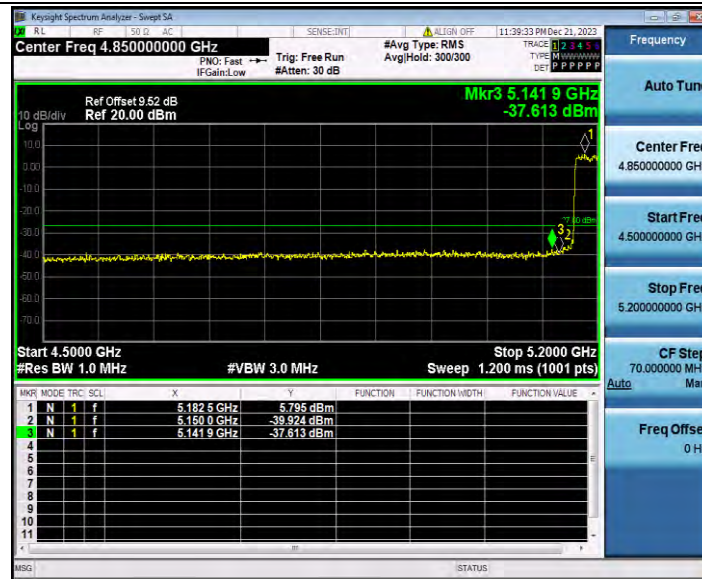
11AC80SISO_Ant0_High_5210



11AX20SISO_Ant0_Low_5180



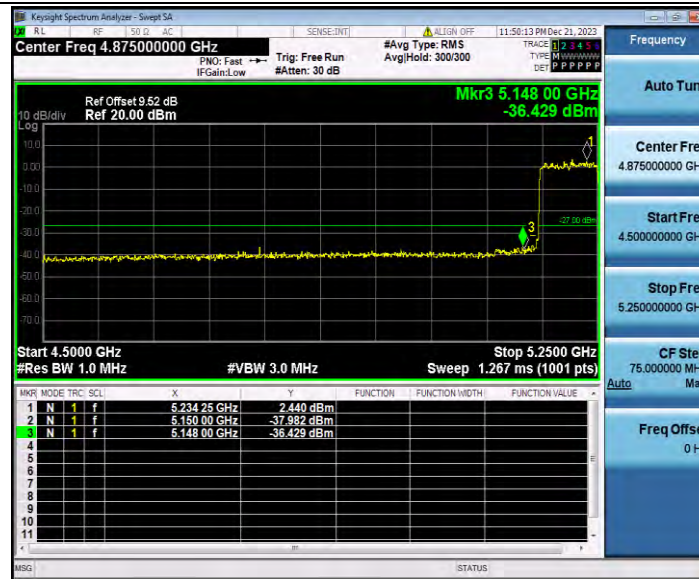
11AX20SISO_Ant0_High_5240



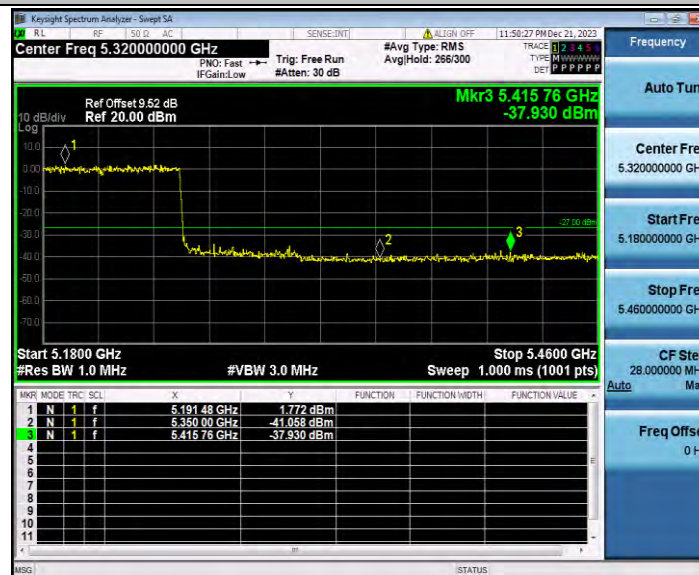
11AX40SISO_Ant0_Low_5190



11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_High_5210

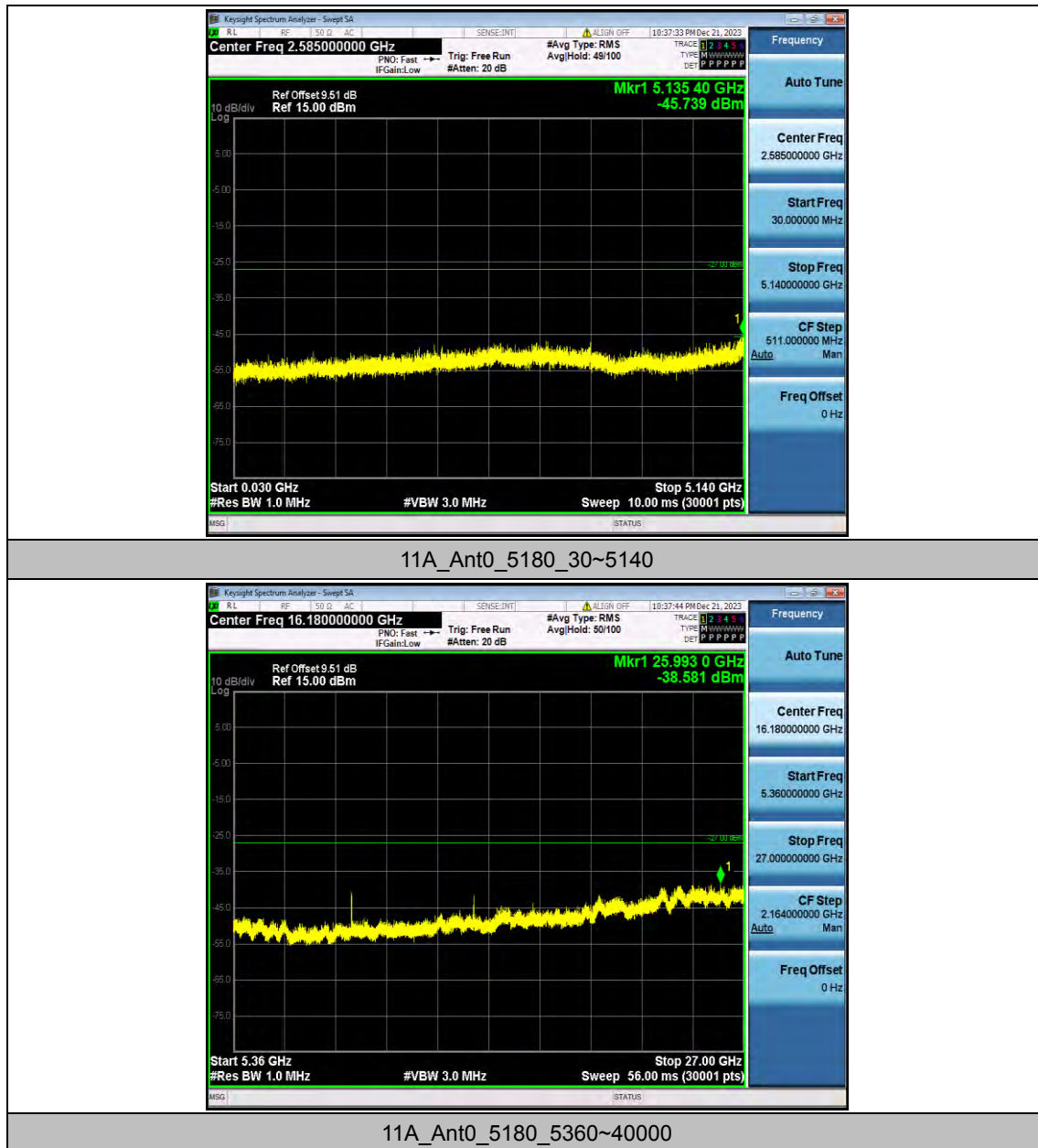
Appendix D.7: Conducted Spurious Emission

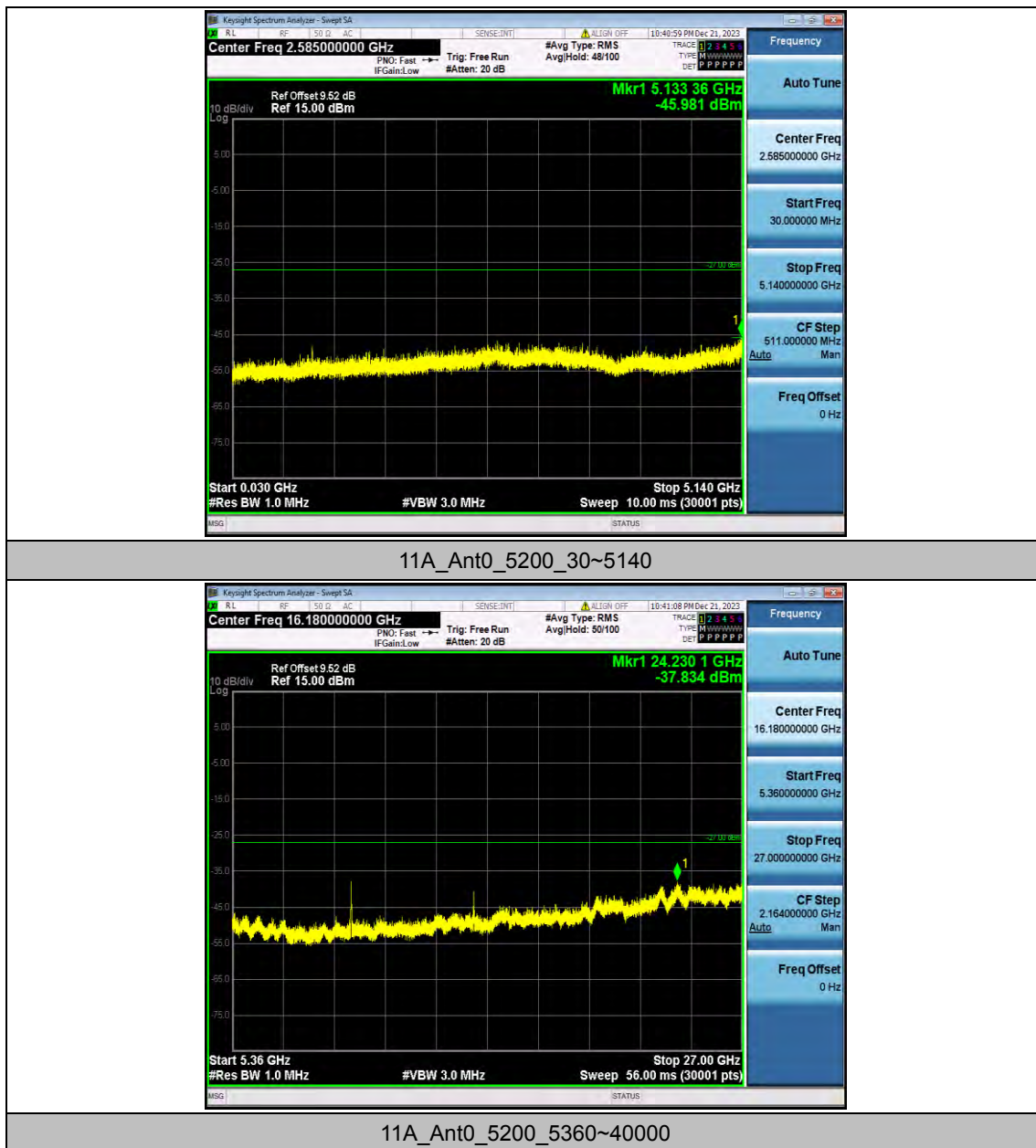
Test Result

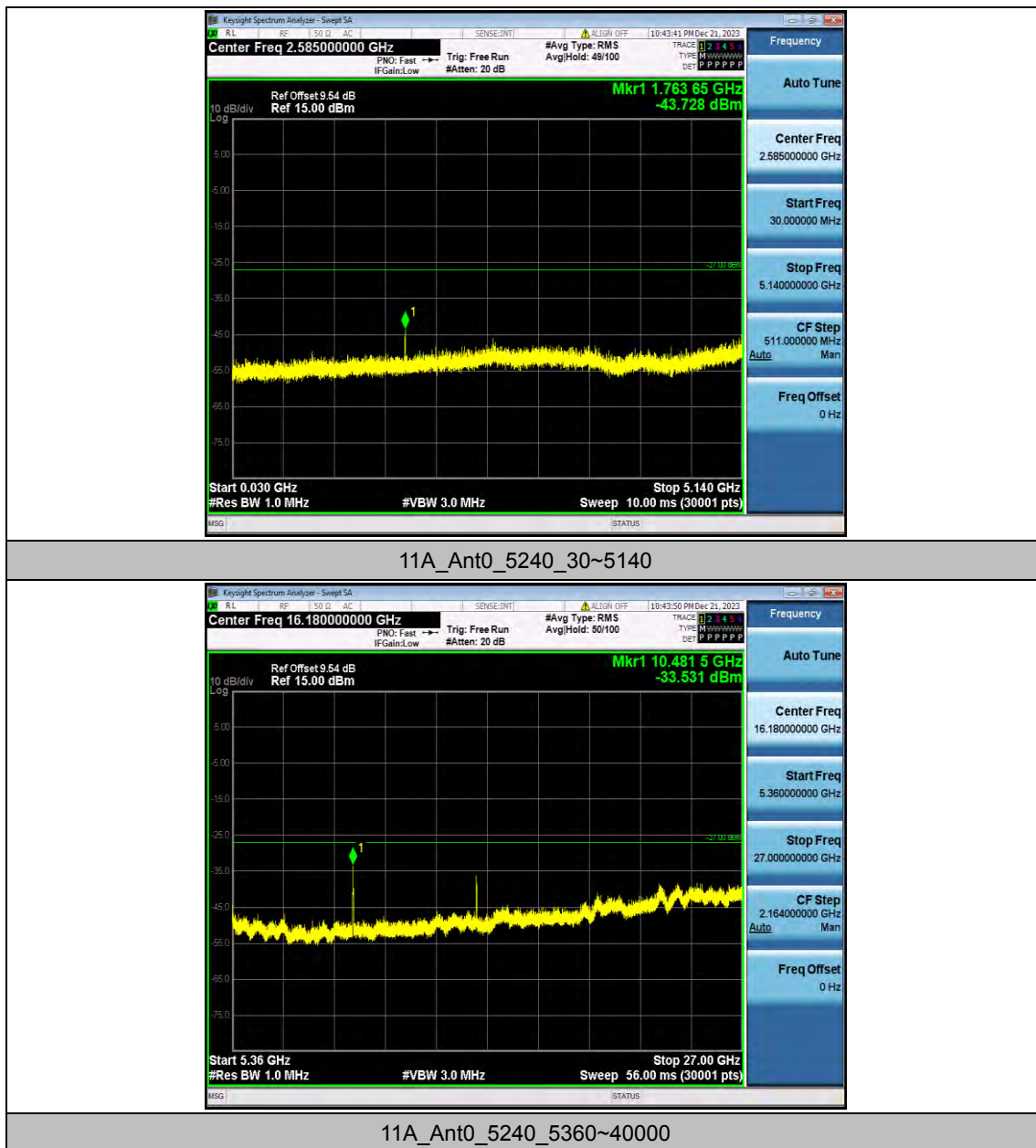
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	5135.4	-45.74	≤-27	PASS
			5360~40000	25993.02	-38.58	≤-27	PASS
		5200	30~5140	5133.36	-45.98	≤-27	PASS
			5360~40000	24230.08	-37.83	≤-27	PASS
		5240	30~5140	1763.65	-43.73	≤-27	PASS
			5360~40000	10481.47	-33.53	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5140	-41.35	≤-27	PASS
			5360~40000	15540.9	-36.18	≤-27	PASS
		5200	30~5140	5137.79	-40.93	≤-27	PASS
			5360~40000	10405.01	-34.43	≤-27	PASS
		5240	30~5140	5121.43	-43.36	≤-27	PASS
			5360~40000	10482.19	-30.64	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5118.2	-45.54	≤-27	PASS
			5360~40000	24880	-38.09	≤-27	PASS
		5230	30~5140	5136.59	-46.91	≤-27	PASS
			5360~40000	10467.76	-36.57	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	5131.65	-43.86	≤-27	PASS
			5360~40000	24162.27	-37.71	≤-27	PASS
		5200	30~5140	5122.12	-45.39	≤-27	PASS
			5360~40000	10400.68	-37.39	≤-27	PASS
		5240	30~5140	4910.56	-46.15	≤-27	PASS
			5360~40000	10476.42	-33.32	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5135.4	-45.44	≤-27	PASS
			5360~40000	24757.37	-38.37	≤-27	PASS
		5230	30~5140	5131.14	-45.71	≤-27	PASS
			5360~40000	10458.38	-36.44	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5116.66	-43.66	≤-27	PASS
			5360~40000	24242.34	-37.86	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5113.26	-44.2	≤-27	PASS
			5360~40000	25128.86	-38.37	≤-27	PASS
		5200	30~5140	5132.51	-43.53	≤-27	PASS
			5360~40000	24253.88	-38.02	≤-27	PASS
		5240	30~5140	5125.69	-45.05	≤-27	PASS
			5360~40000	10479.3	-31.17	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5138.13	-41.05	≤-27	PASS
			5360~40000	26592.45	-37.6	≤-27	PASS

		5230	30~5140	5139.15	-45.09	≤-27	PASS
			5360~40000	24282.74	-37.51	≤-27	PASS
11AX80SISO	Ant0	5210	30~5140	5126.2	-41.97	≤-27	PASS
			5360~40000	24260.38	-38.41	≤-27	PASS

Test Graphs

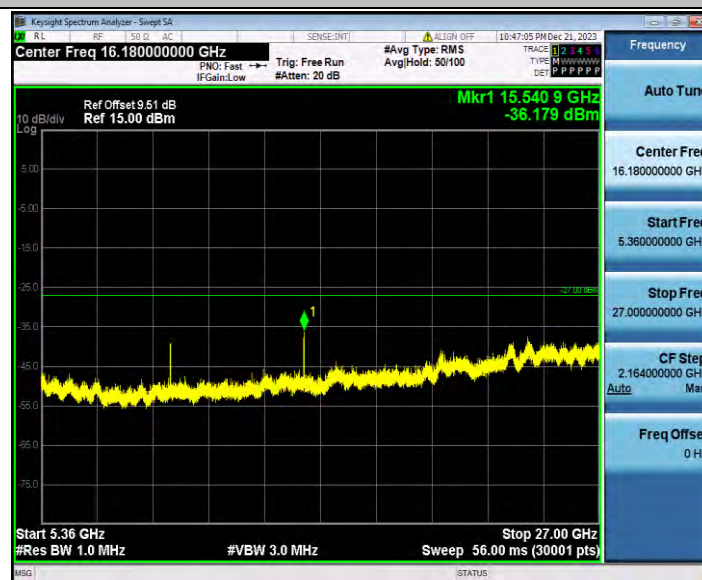




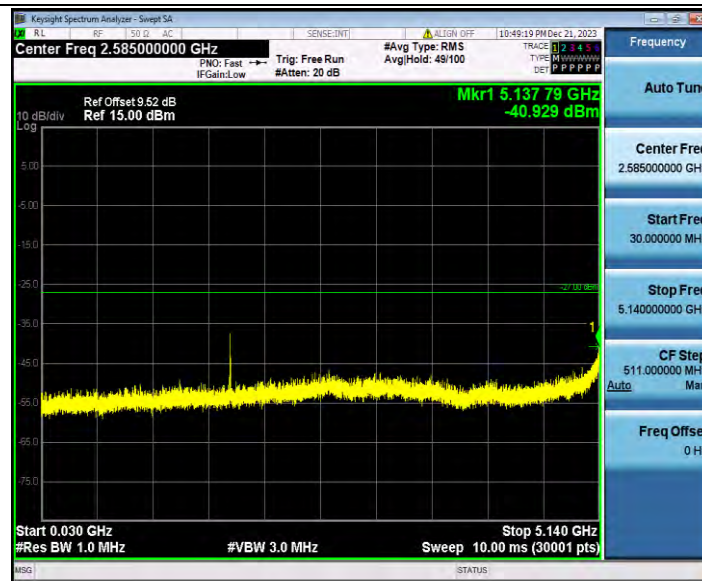




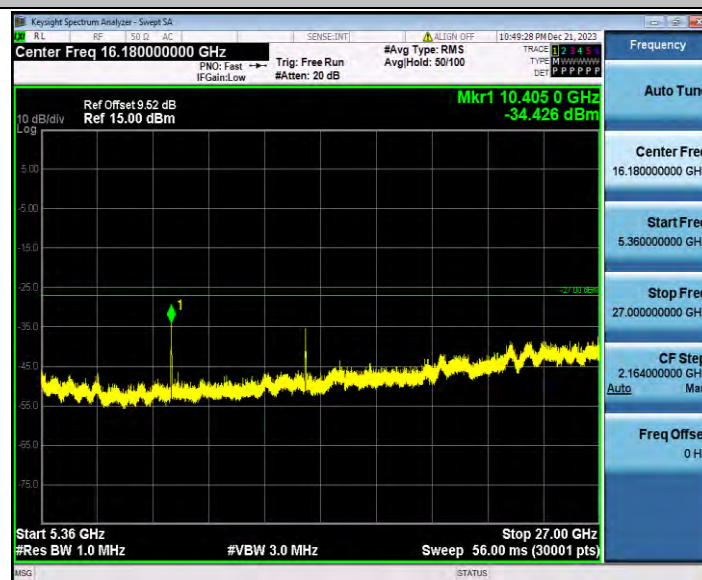
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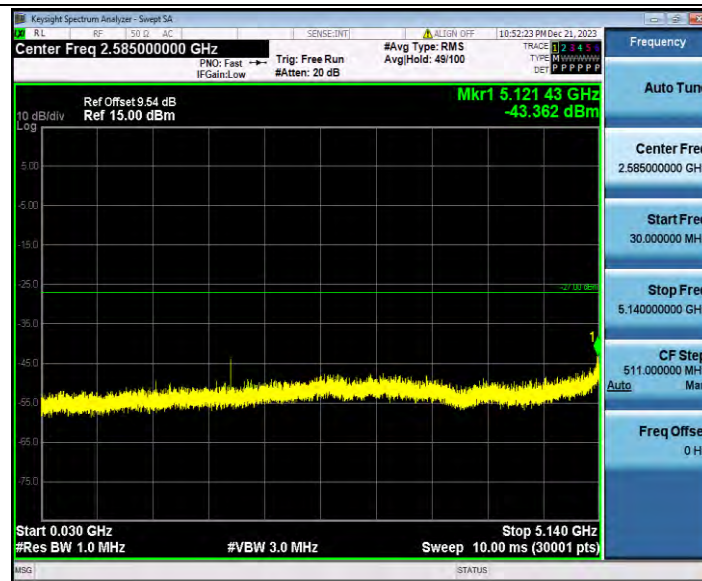
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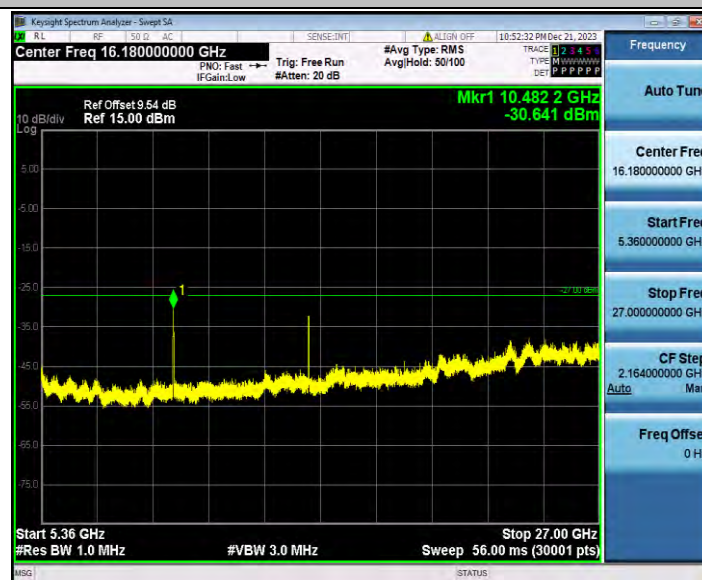
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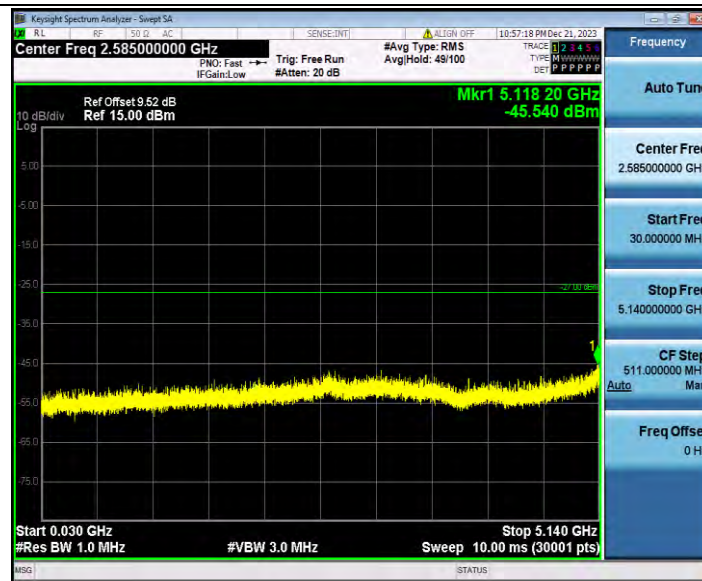
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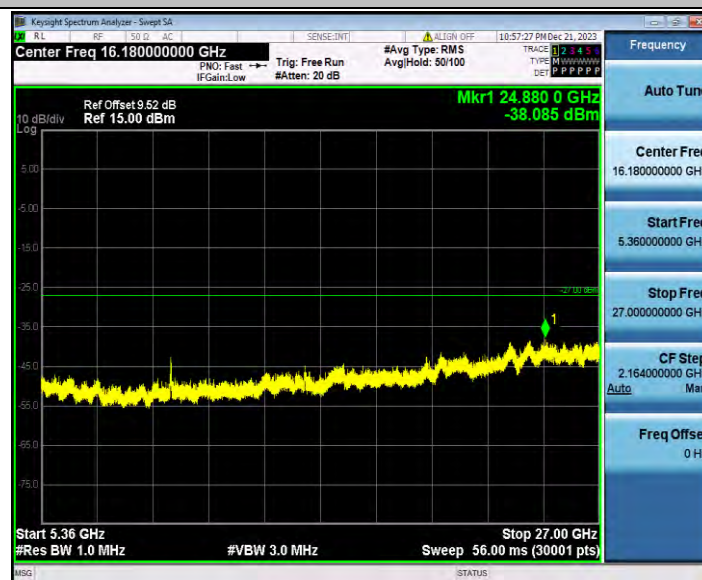
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11N20SISO_Ant0_5240_5360~40000



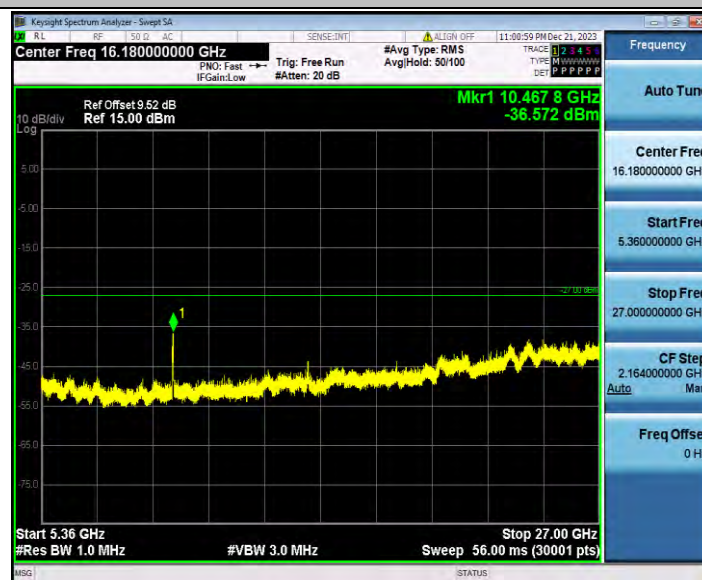
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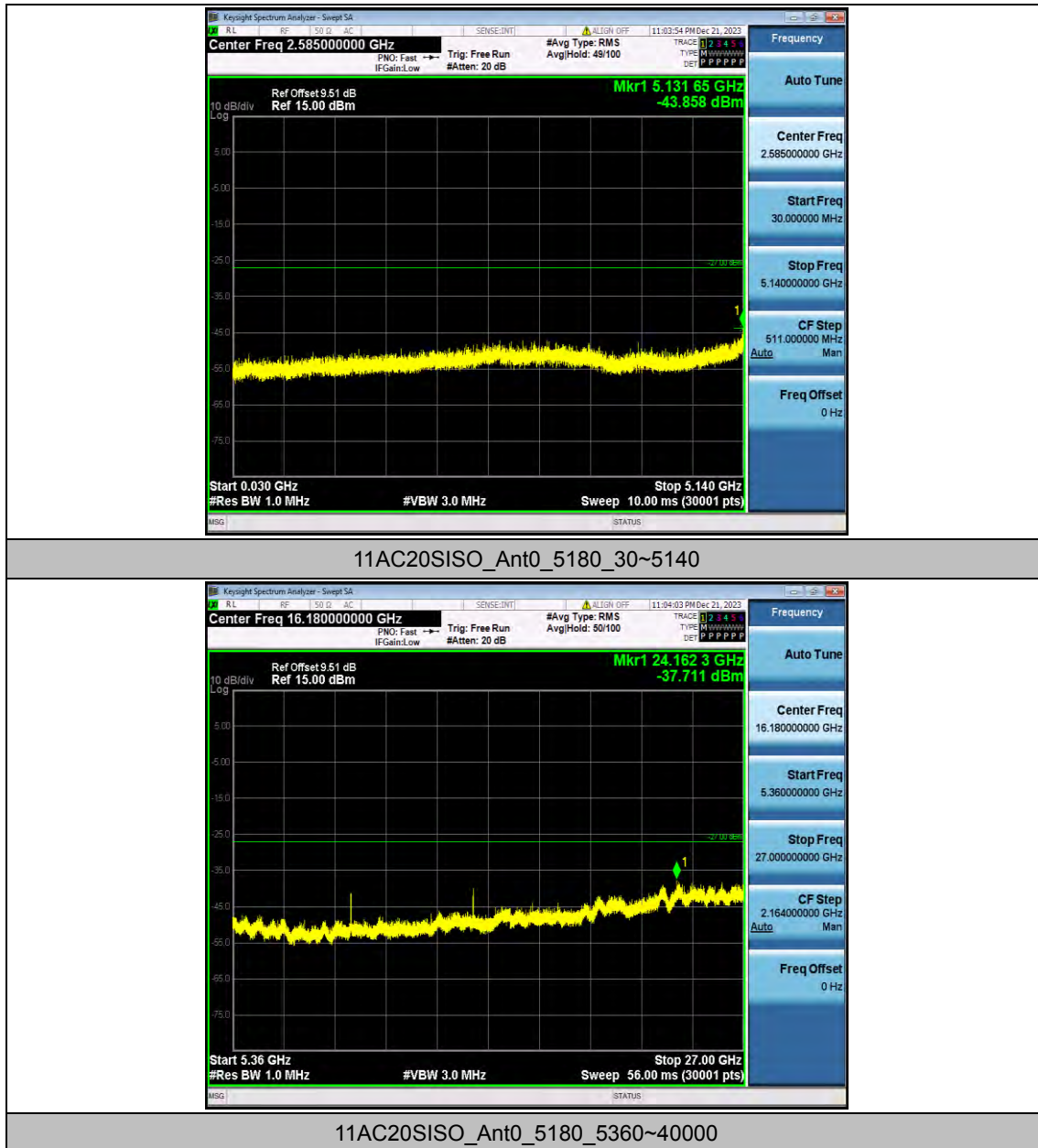
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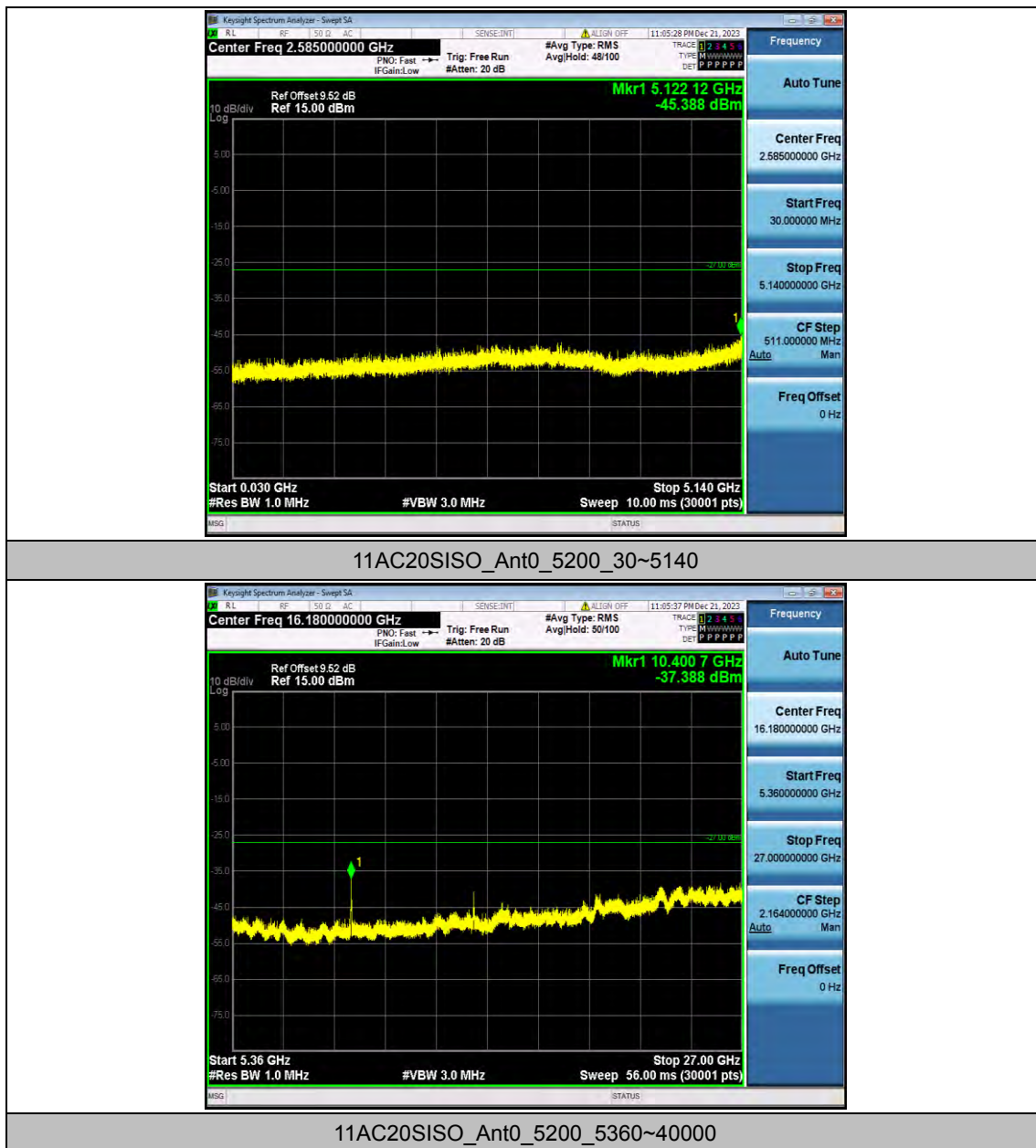


11N40SISO_Ant0_5230_30~5140



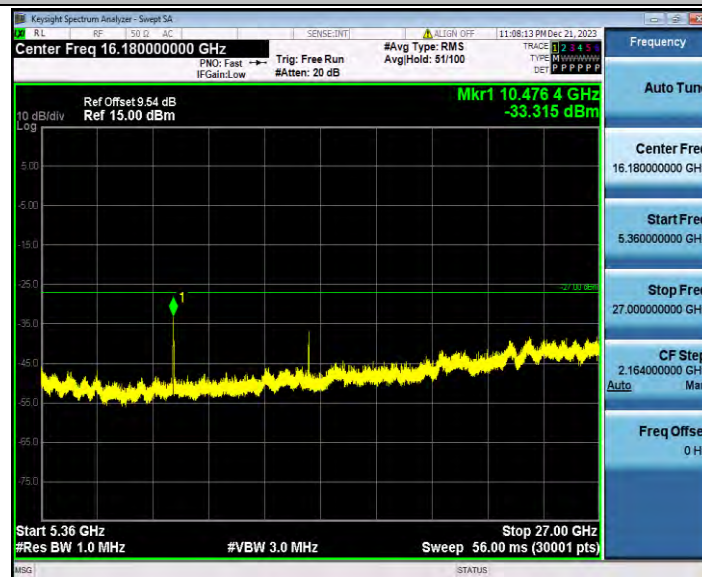
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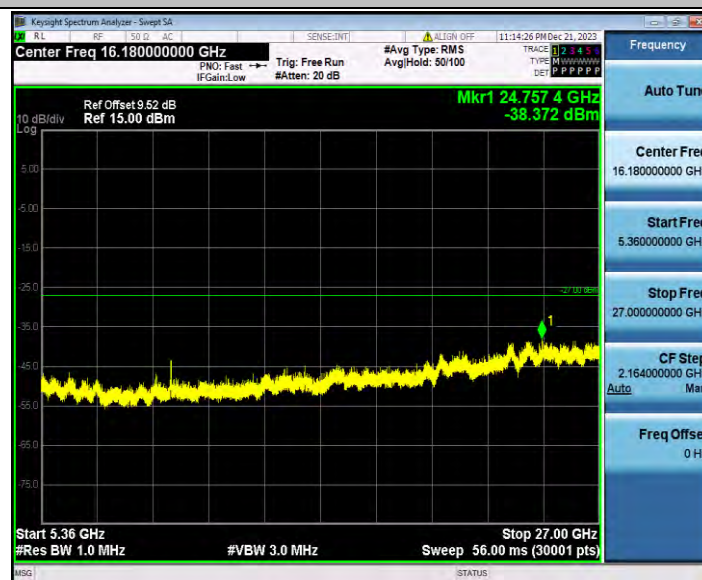
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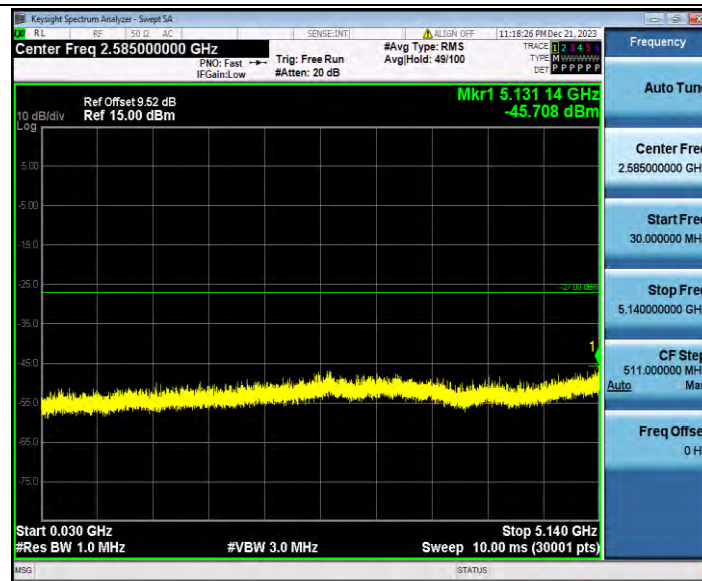
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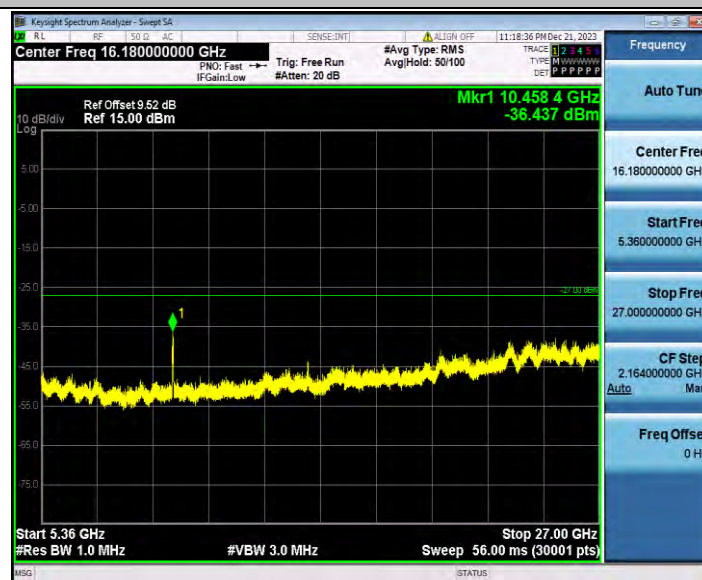
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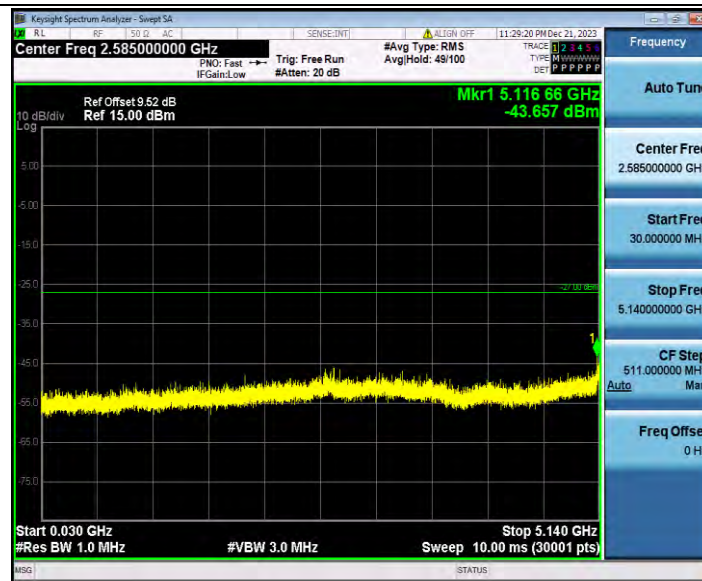
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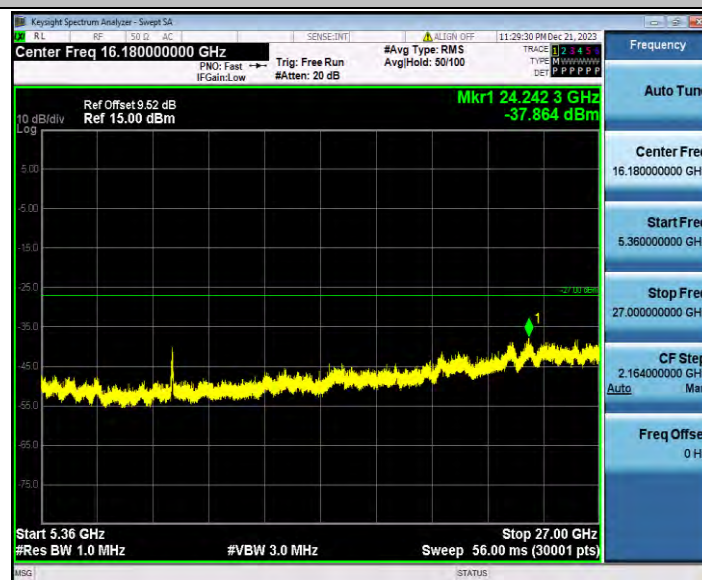
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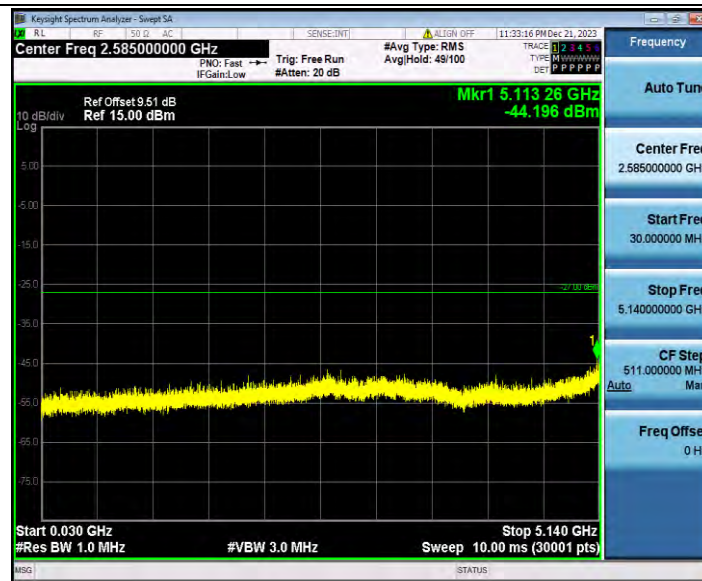
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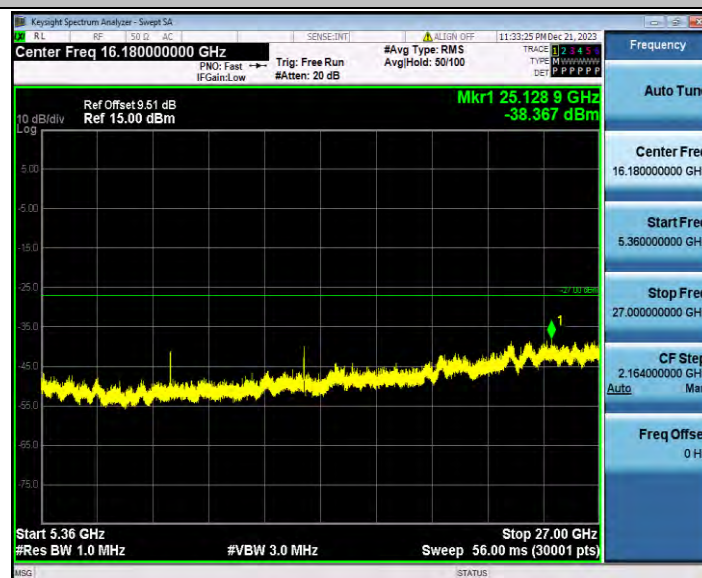
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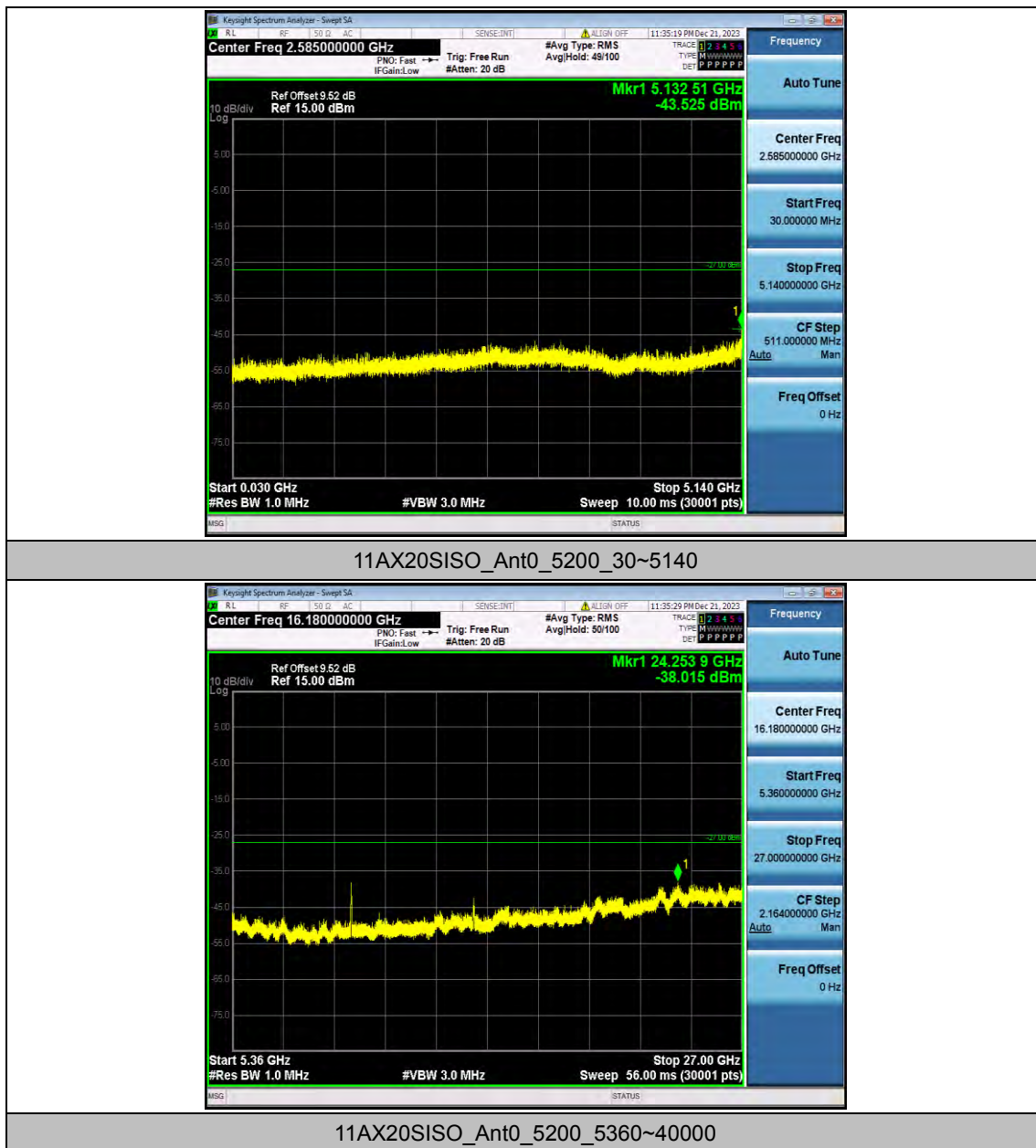
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11AX20SISO_Ant0_5180_30~5140

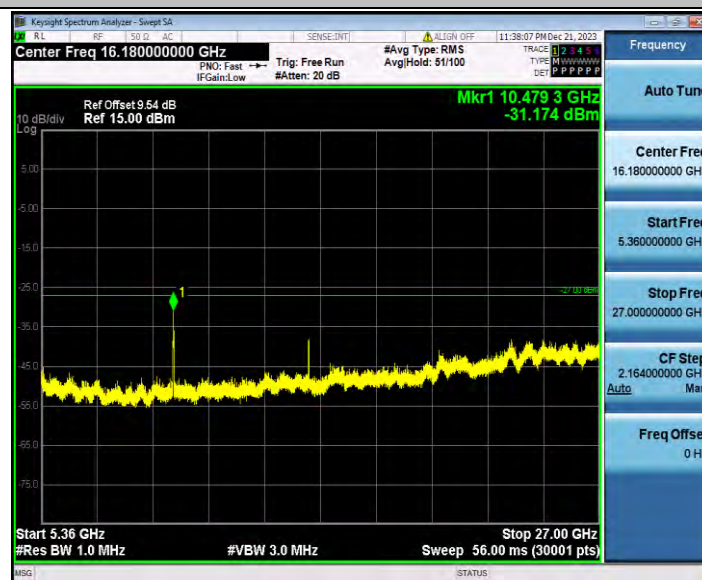


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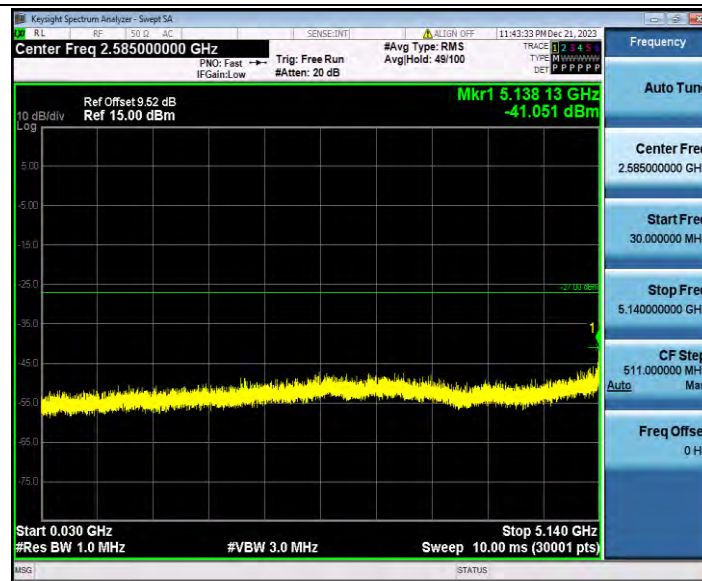




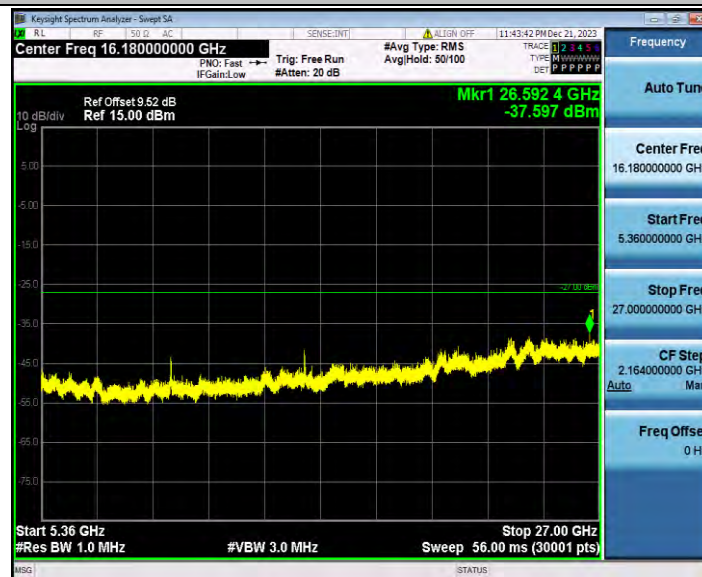
11AX20SISO_Ant0_5240_30~5140



11AX20SISO_Ant0_5240_5360~40000



11AX40SISO_Ant0_5190_30~5140



11AX40SISO_Ant0_5190_5360~40000

