

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	9.70	75.00	1.25	10.95	≤23.98	PASS
		5200	9.15	75.00	1.25	10.40	≤23.98	PASS
		5240	9.34	75.00	1.25	10.59	≤23.98	PASS
11N20SISO	Ant2	5180	8.64	77.27	1.12	9.76	≤23.98	PASS
		5200	9.19	78.26	1.06	10.25	≤23.98	PASS
		5240	8.48	77.27	1.12	9.60	≤23.98	PASS
11N40SISO	Ant2	5190	9.30	78.26	1.06	10.36	≤23.98	PASS
		5230	9.69	81.82	0.87	10.56	≤23.98	PASS
11AC20SISO	Ant2	5180	9.04	76.19	1.18	10.22	≤23.98	PASS
		5200	9.51	76.19	1.18	10.69	≤23.98	PASS
		5240	9.59	76.19	1.18	10.77	≤23.98	PASS
11AC40SISO	Ant2	5190	9.08	75.00	1.25	10.33	≤23.98	PASS
		5230	9.55	75.00	1.25	10.80	≤23.98	PASS
11AC80SISO	Ant2	5210	9.72	76.19	1.18	10.90	≤23.98	PASS
11AX20SISO	Ant2	5180	9.20	84.38	0.74	9.94	≤23.98	PASS
		5200	9.65	84.38	0.74	10.39	≤23.98	PASS
		5240	9.80	84.38	0.74	10.54	≤23.98	PASS
11AX40SISO	Ant2	5190	9.02	78.26	1.06	10.08	≤23.98	PASS
		5230	9.43	78.26	1.06	10.49	≤23.98	PASS
11AX80SISO	Ant2	5210	9.48	78.26	1.06	10.54	≤23.98	PASS

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

Appendix D.5: Maximum power spectral density

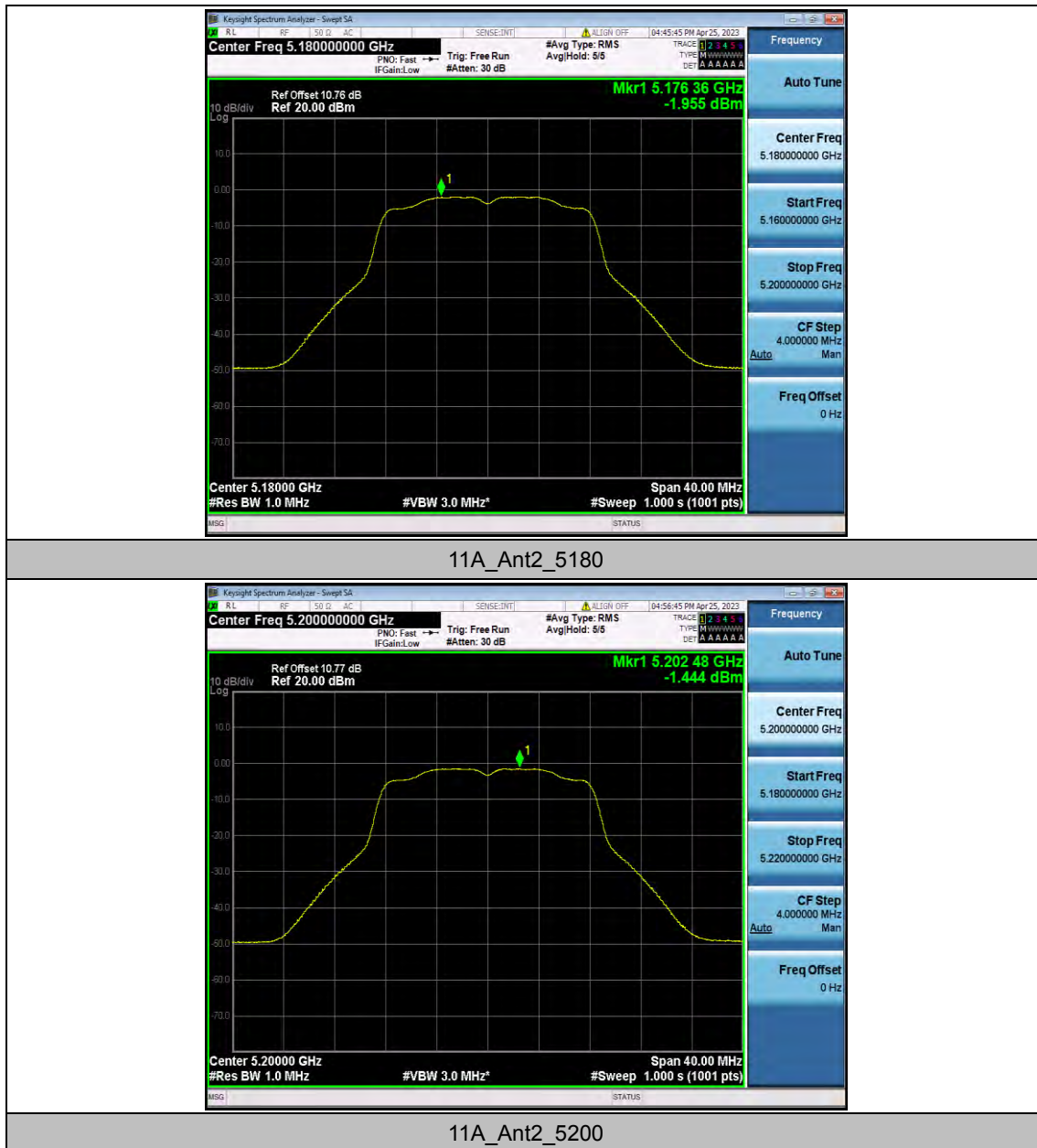
Test Result

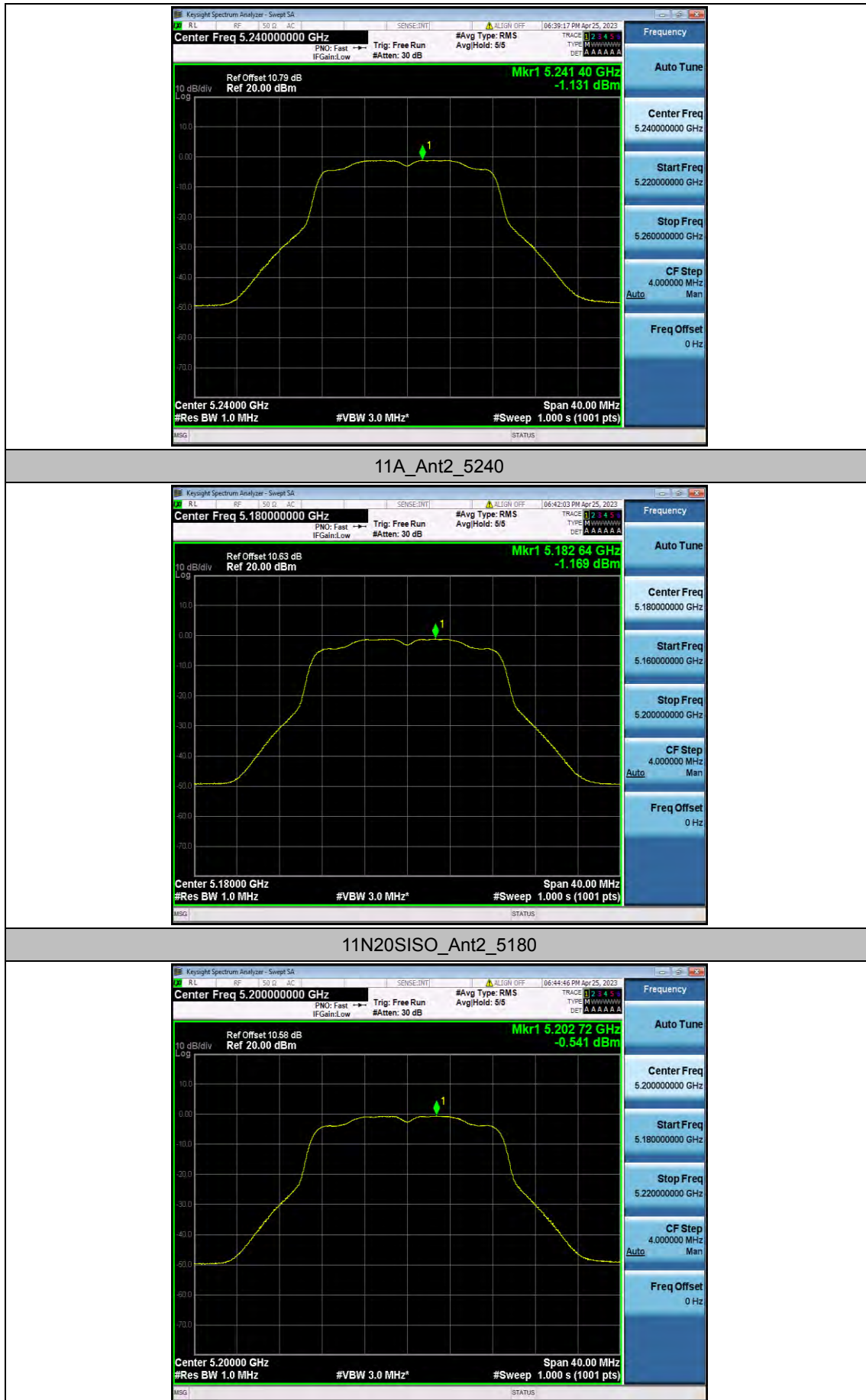
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	-1.96	≤11.00	PASS
		5200	-1.44	≤11.00	PASS
		5240	-1.13	≤11.00	PASS
11N20SISO	Ant2	5180	-1.17	≤11.00	PASS
		5200	-0.54	≤11.00	PASS
		5240	-1.11	≤11.00	PASS
11N40SISO	Ant2	5190	-3.6	≤11.00	PASS
		5230	-3.5	≤11.00	PASS
11AC20SISO	Ant2	5180	-0.66	≤11.00	PASS
		5200	-0.05	≤11.00	PASS
		5240	0.06	≤11.00	PASS
11AC40SISO	Ant2	5190	-3.71	≤11.00	PASS
		5230	-3.29	≤11.00	PASS
11AC80SISO	Ant2	5210	-5.92	≤11.00	PASS
11AX20SISO	Ant2	5180	-1.28	≤11.00	PASS
		5200	-0.76	≤11.00	PASS
		5240	-0.44	≤11.00	PASS
11AX40SISO	Ant2	5190	-4.08	≤11.00	PASS
		5230	-3.74	≤11.00	PASS
11AX80SISO	Ant2	5210	-6.55	≤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





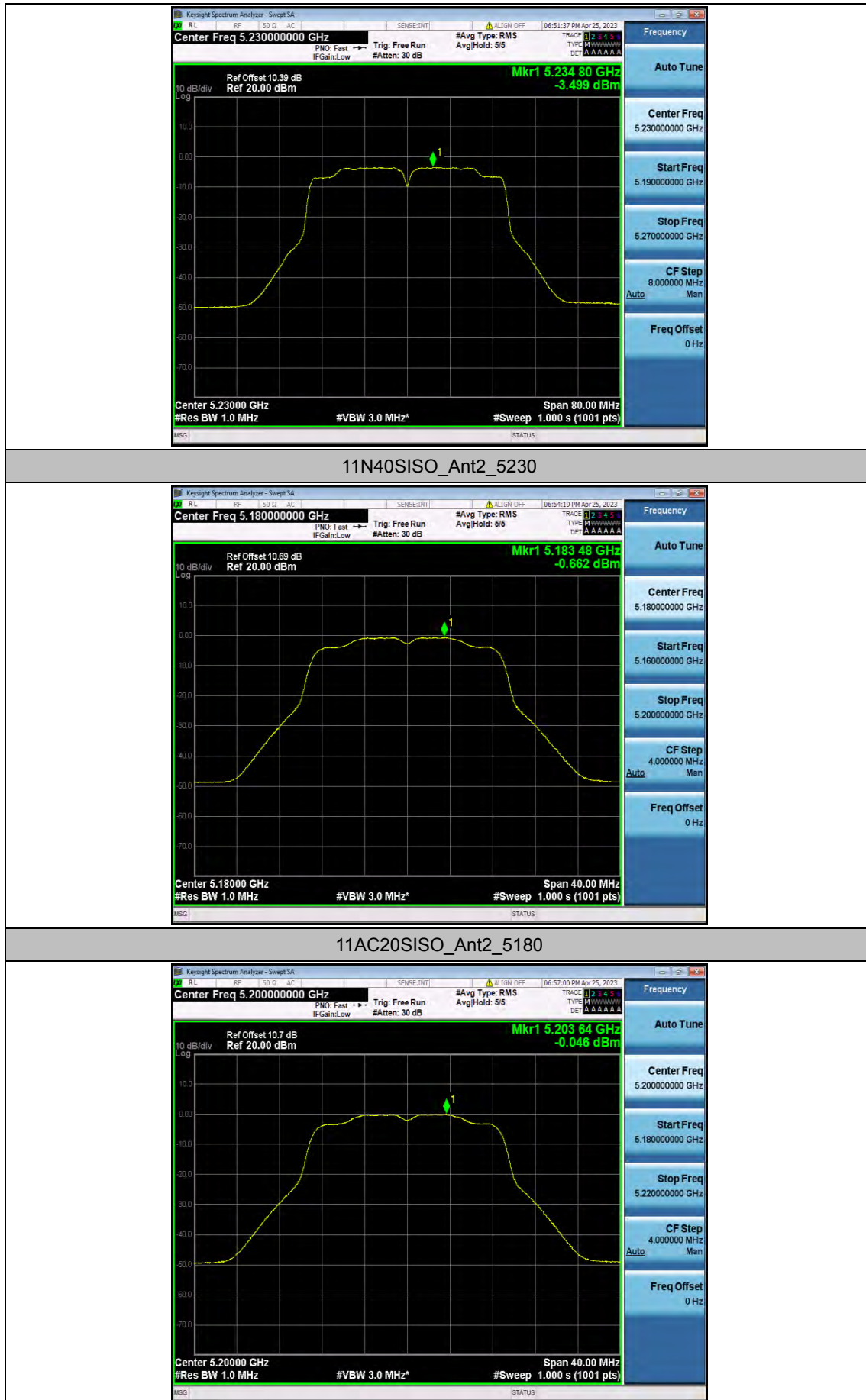
11N20SISO_Ant2_5200



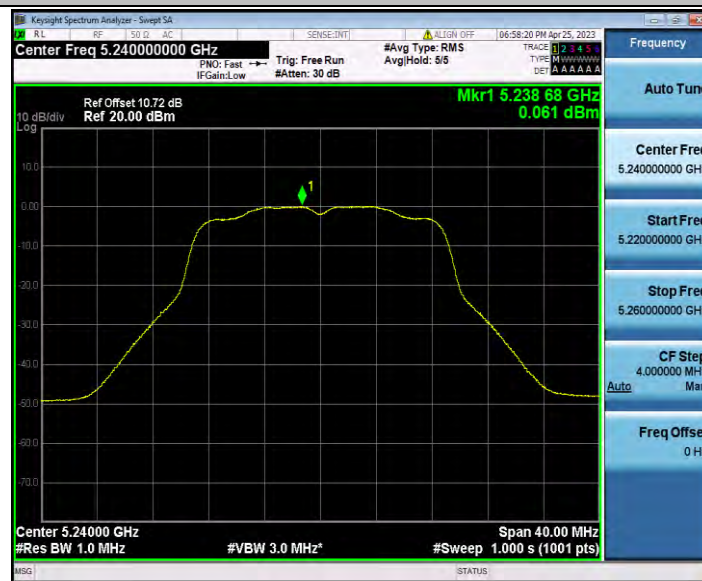
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11N40SISO_Ant2_5190



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



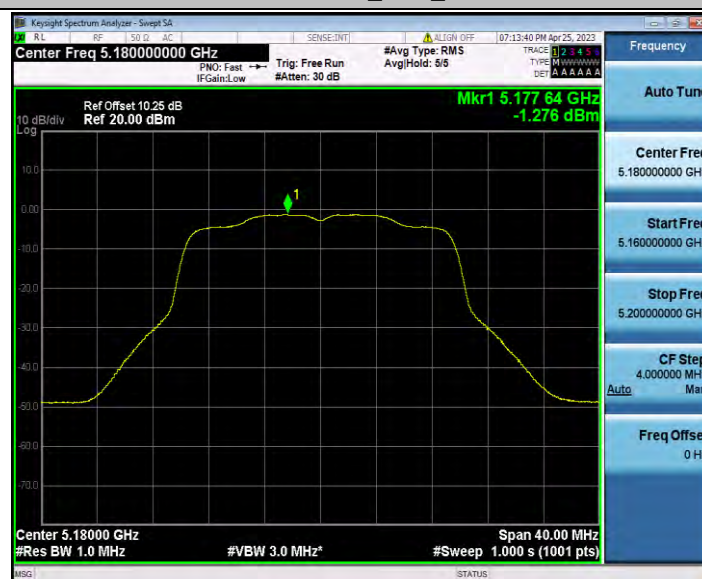
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



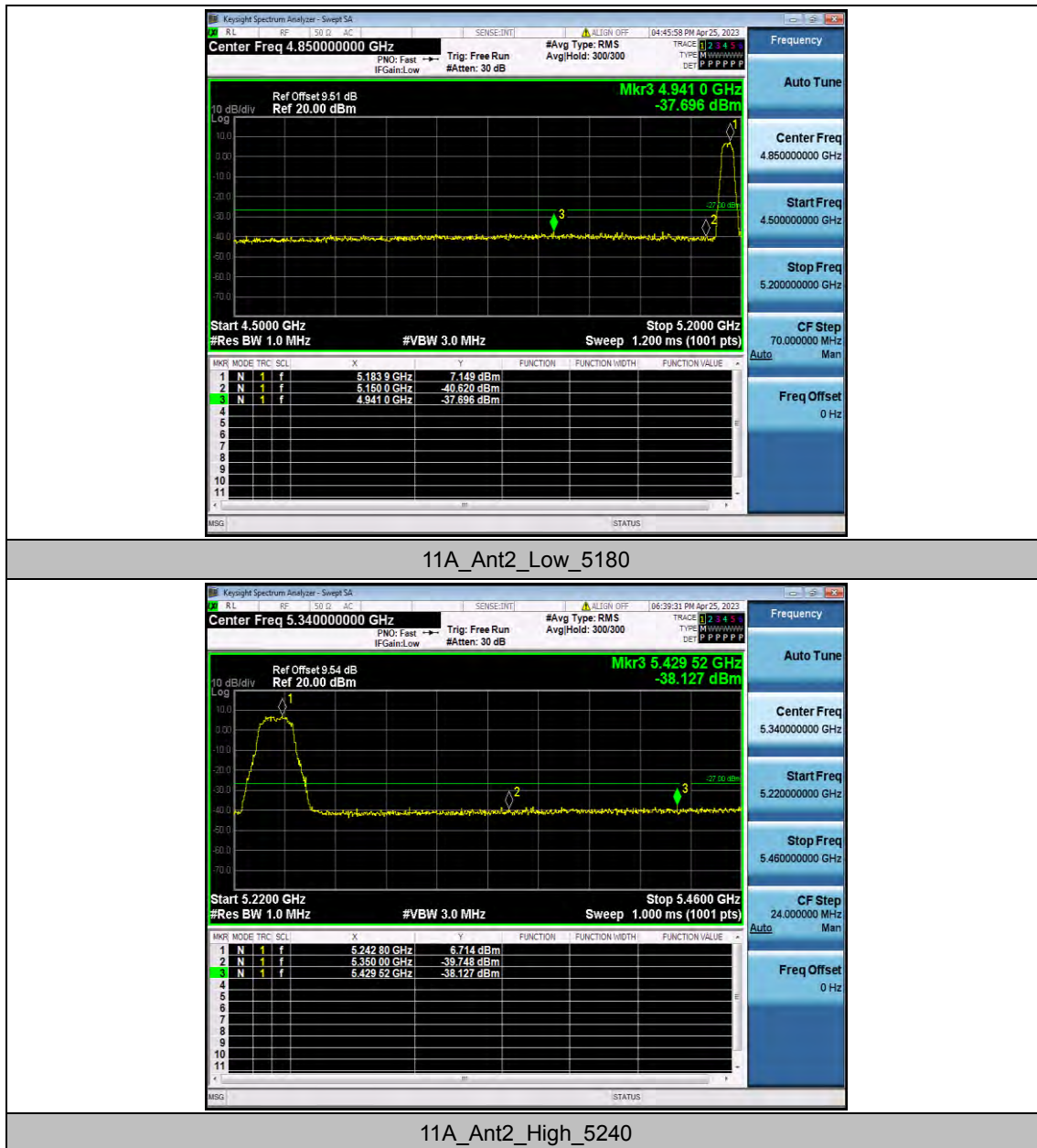
11AX80SISO_Ant2_5210

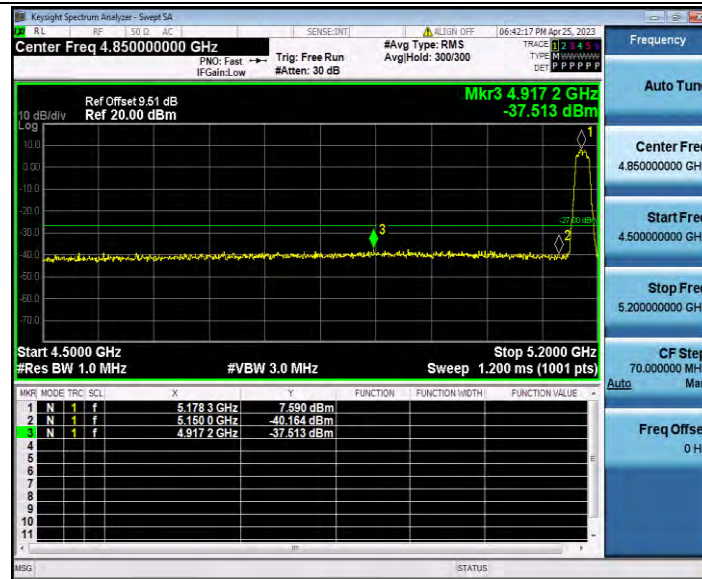
Appendix D.6: Band edge measurements

Test Result B1

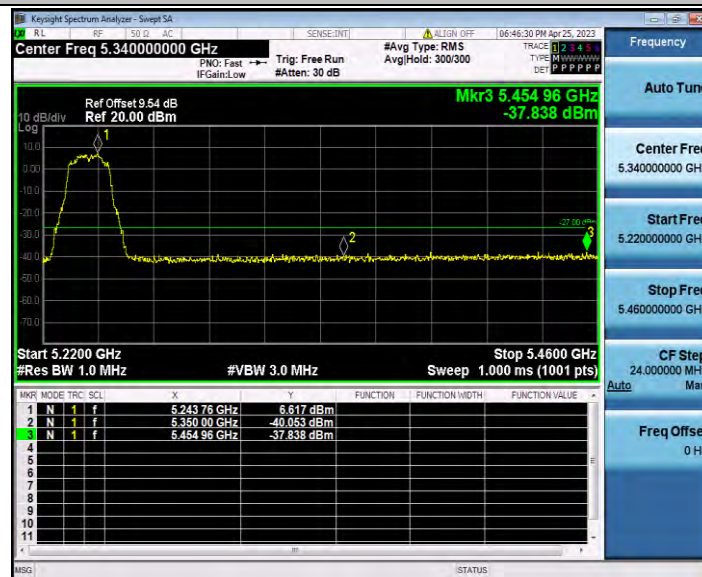
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-37.7	≤ -27	PASS
		High	5240	-38.13	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-37.51	≤ -27	PASS
		High	5240	-37.84	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-37.45	≤ -27	PASS
		High	5230	-38.05	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-37.7	≤ -27	PASS
		High	5240	-38.39	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-37.9	≤ -27	PASS
		High	5230	-37.14	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-37.36	≤ -27	PASS
		High	5210	-38.23	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-37.04	≤ -27	PASS
		High	5240	-38.24	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-38.22	≤ -27	PASS
		High	5230	-37.5	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-36.56	≤ -27	PASS
		High	5210	-36.98	≤ -27	PASS

Test Graphs B1

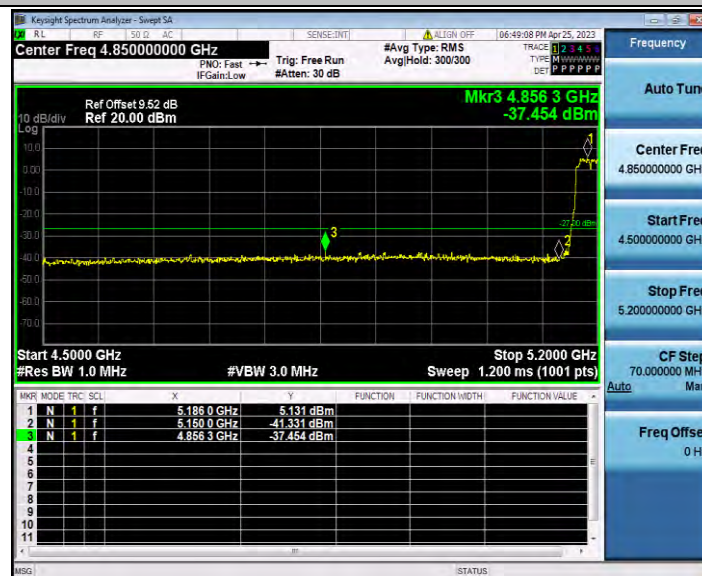




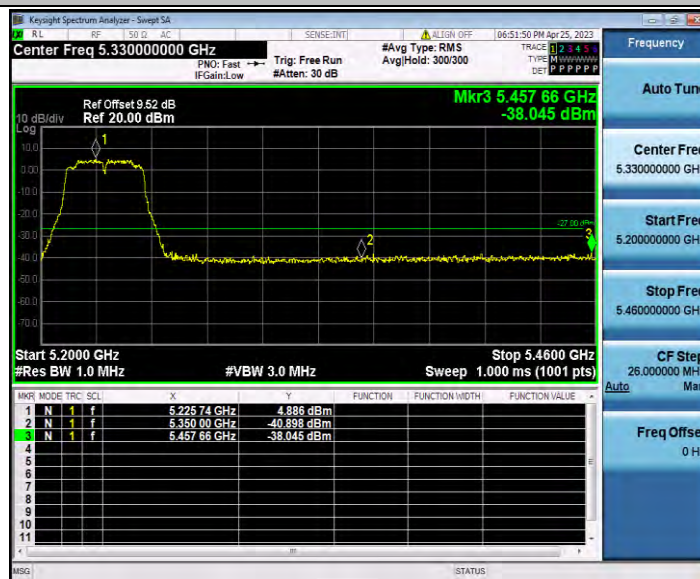
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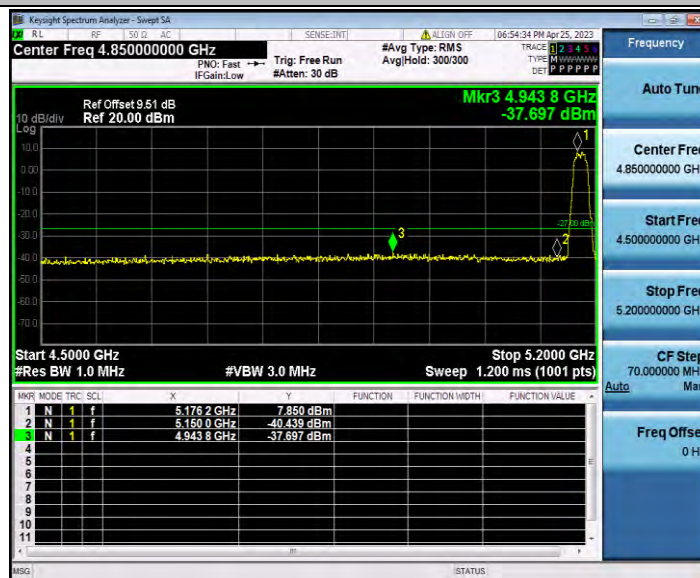
11N20SISO_Ant2_High_5240



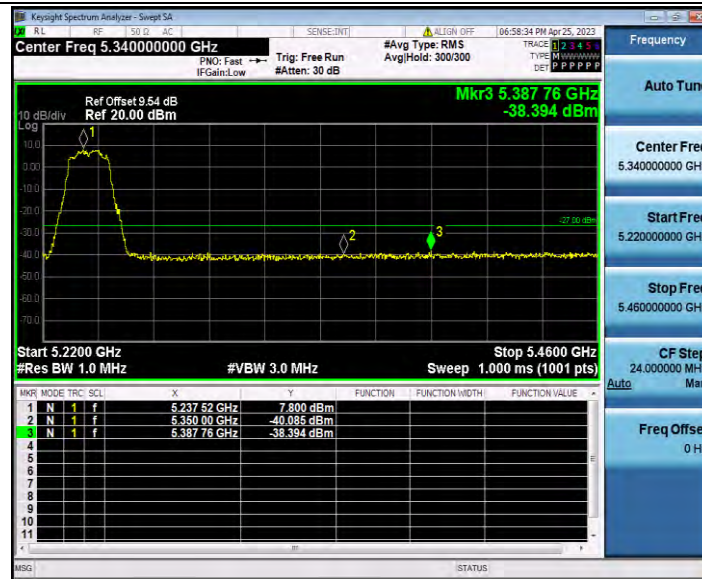
11N40SISO_Ant2_Low_5190



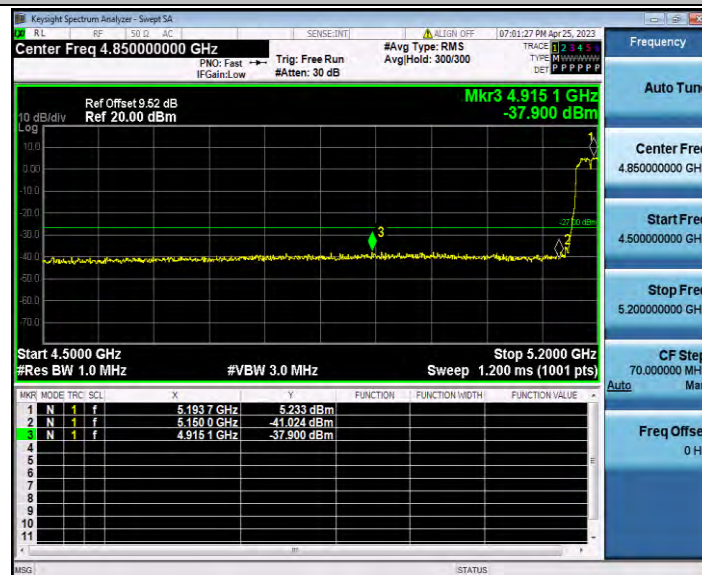
11N40SISO_Ant2_High_5230



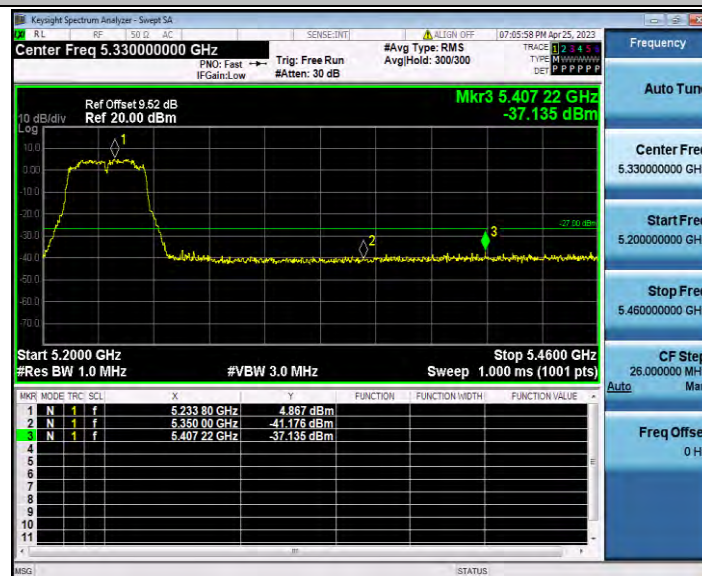
11AC20SISO_Ant2_Low_5180



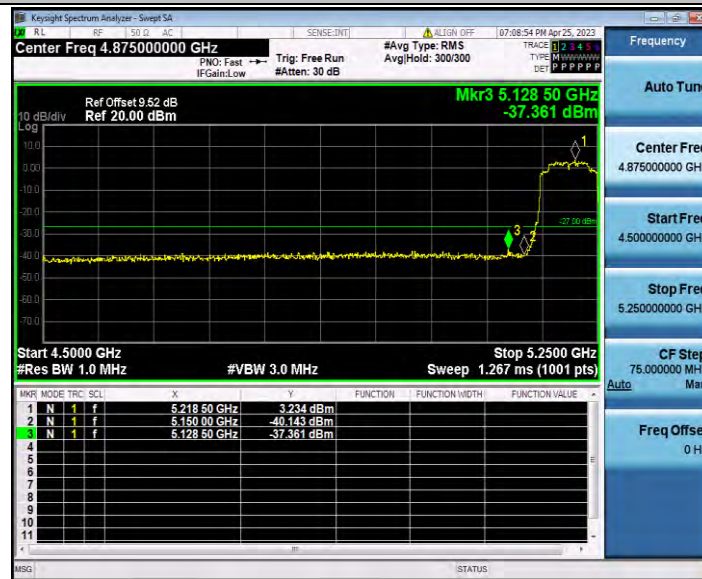
11AC20SISO_Ant2_High_5240



11AC40SISO_Ant2_Low_5190



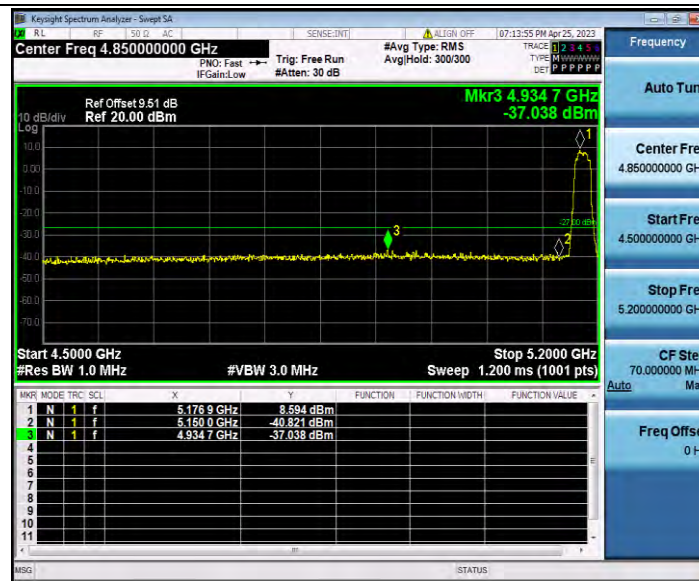
11AC40SISO_Ant2_High_5230



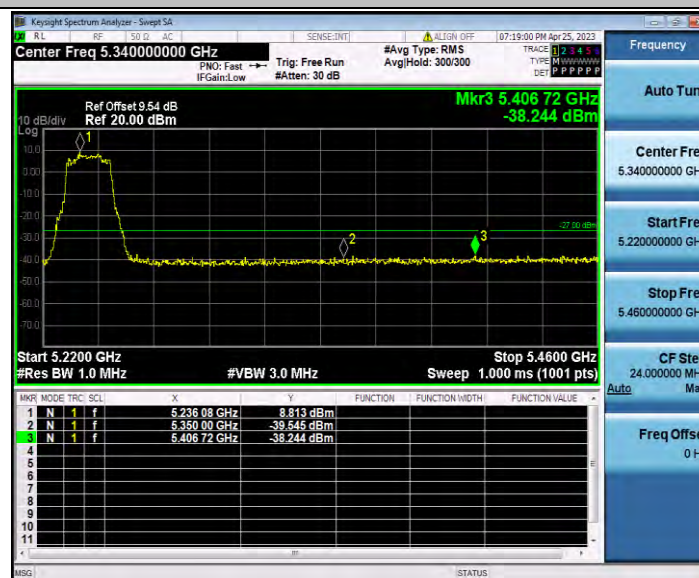
11AC80SISO_Ant2_Low_5210



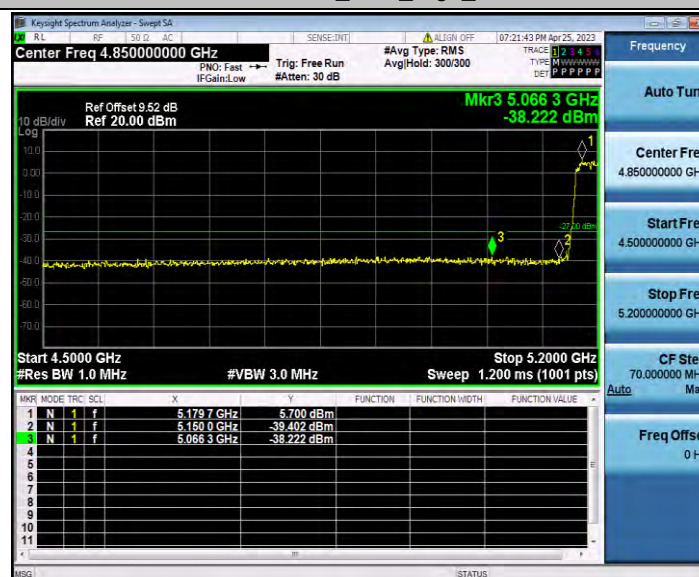
11AC80SISO_Ant2_High_5210



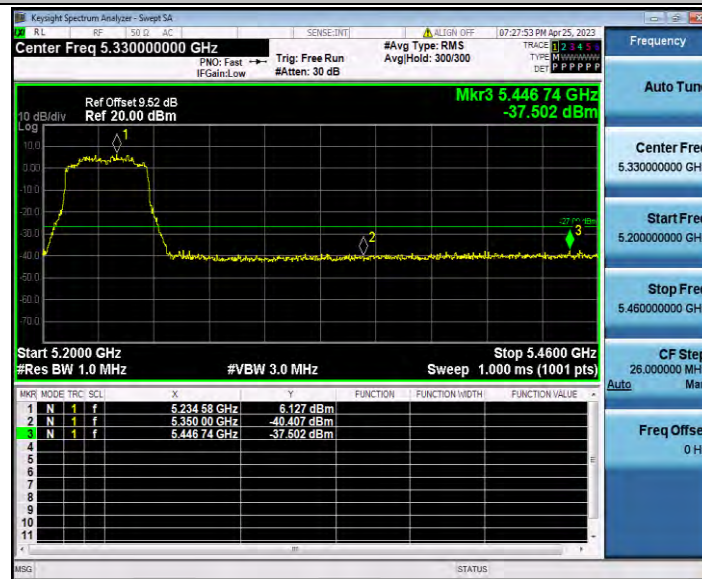
11AX20SISO_Ant2_Low_5180



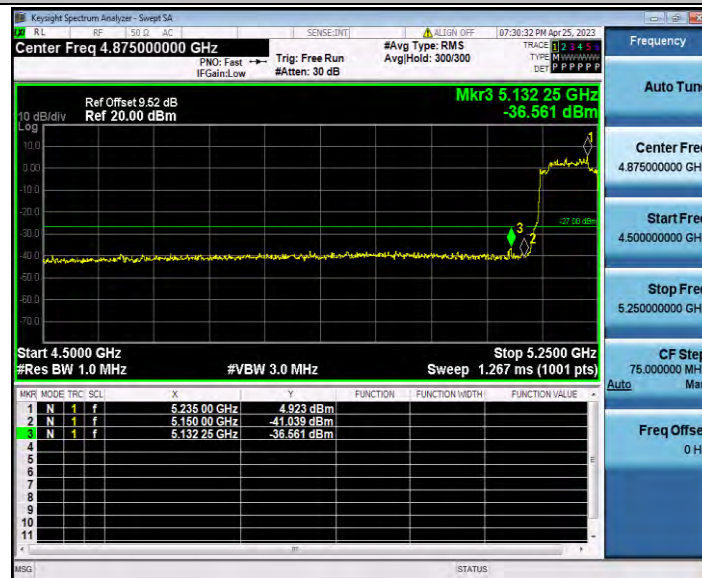
11AX20SISO_Ant2_High_5240



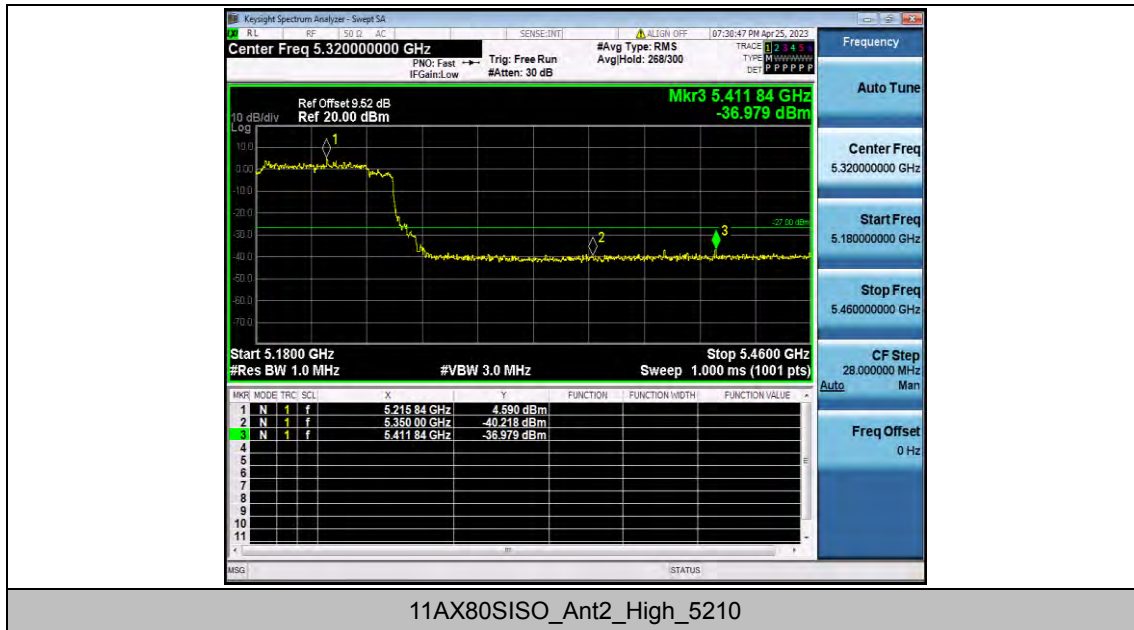
11AX40SISO_Ant2_Low_5190



11AX40SISO_Ant2_High_5230



11AX80SISO_Ant2_Low_5210



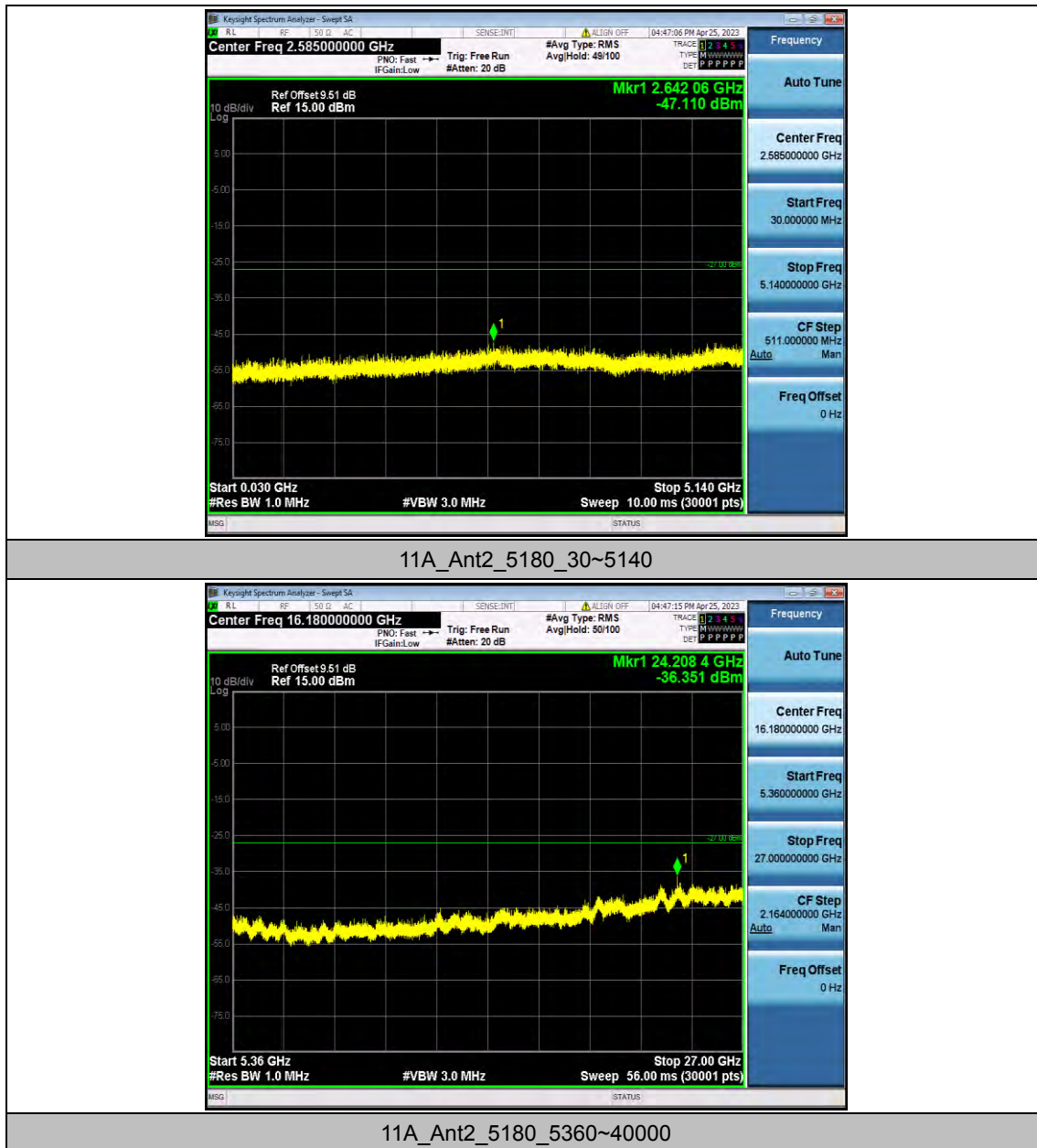
Appendix D.7: Conducted Spurious Emission

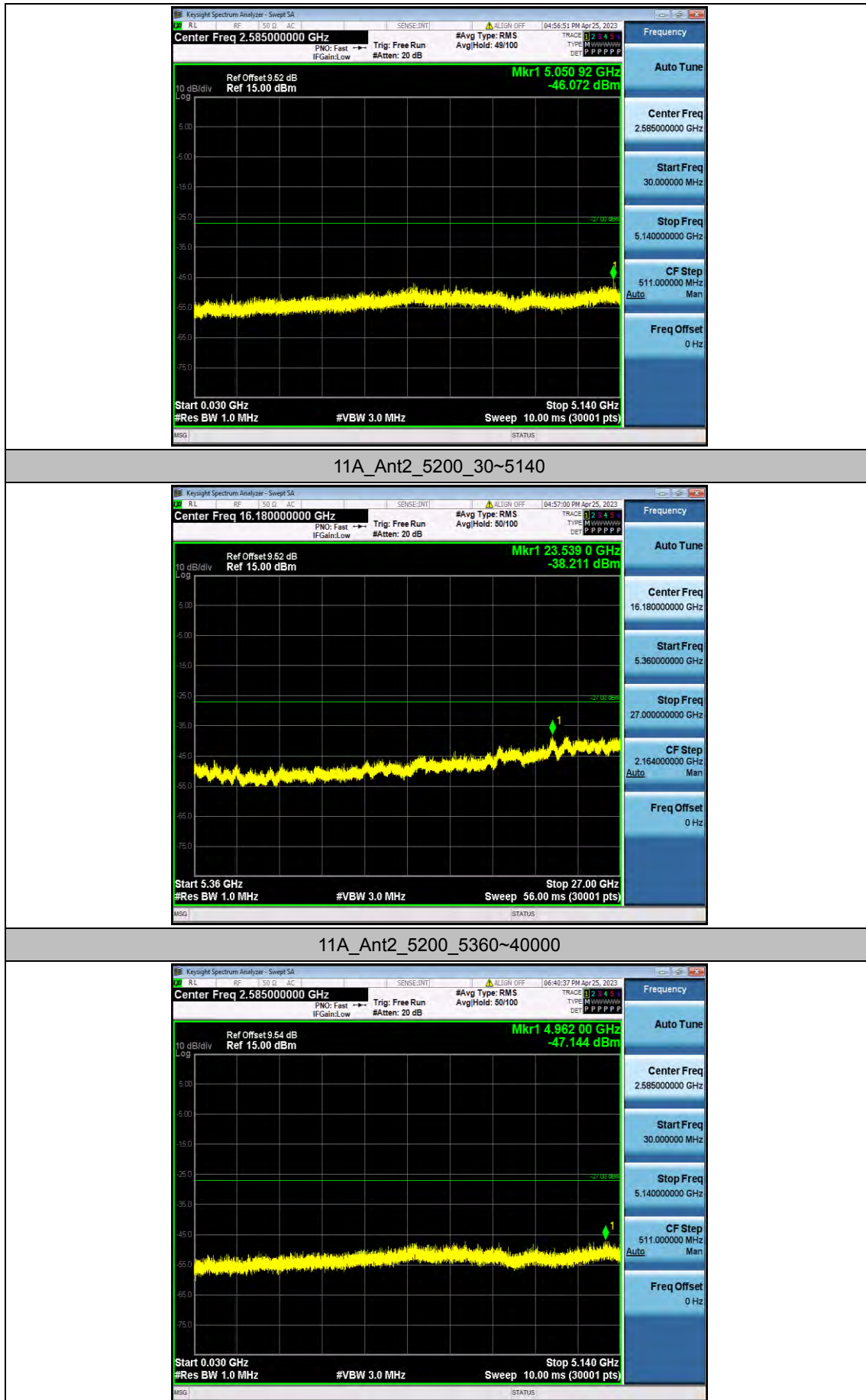
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	2642.06	-47.11	≤-27	PASS
			5360~40000	24208.44	-36.35	≤-27	PASS
		5200	30~5140	5050.92	-46.07	≤-27	PASS
			5360~40000	23539.04	-38.21	≤-27	PASS
		5240	30~5140	4962	-47.14	≤-27	PASS
			5360~40000	25133.19	-37.35	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5092.65	-47.01	≤-27	PASS
			5360~40000	25203.88	-38.43	≤-27	PASS
		5200	30~5140	4900.34	-47.4	≤-27	PASS
			5360~40000	25639.57	-38.55	≤-27	PASS
		5240	30~5140	4783.66	-46.36	≤-27	PASS
			5360~40000	24269.75	-37.29	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	4980.06	-46.6	≤-27	PASS
			5360~40000	26511.66	-37.4	≤-27	PASS
		5230	30~5140	4934.41	-47.55	≤-27	PASS
			5360~40000	24261.82	-38.06	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5122.29	-45.47	≤-27	PASS
			5360~40000	25656.88	-37.92	≤-27	PASS
		5200	30~5140	2643.77	-47.19	≤-27	PASS
			5360~40000	26552.05	-37.93	≤-27	PASS
		5240	30~5140	4768.67	-47.19	≤-27	PASS
			5360~40000	24245.23	-38.03	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5138.3	-46.38	≤-27	PASS
			5360~40000	24802.82	-38.12	≤-27	PASS
		5230	30~5140	4982.95	-46.22	≤-27	PASS
			5360~40000	25064.66	-38.05	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5130.29	-41.29	≤-27	PASS
			5360~40000	24308.71	-37.66	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	4941.56	-46.65	≤-27	PASS
			5360~40000	24261.1	-38.45	≤-27	PASS
		5200	30~5140	2737.45	-45.78	≤-27	PASS
			5360~40000	24201.95	-37.49	≤-27	PASS
		5240	30~5140	4926.57	-46.94	≤-27	PASS
			5360~40000	23539.04	-37.93	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5135.06	-47.36	≤-27	PASS
			5360~40000	24265.43	-38.27	≤-27	PASS

		5230	30~5140	5055.51	-47.62	≤-27	PASS
			5360~40000	26068.04	-37.85	≤-27	PASS
11AX80SISO	Ant2	5210	30~5140	5129.78	-40.48	≤-27	PASS
			5360~40000	24280.57	-38.12	≤-27	PASS

Test Graphs

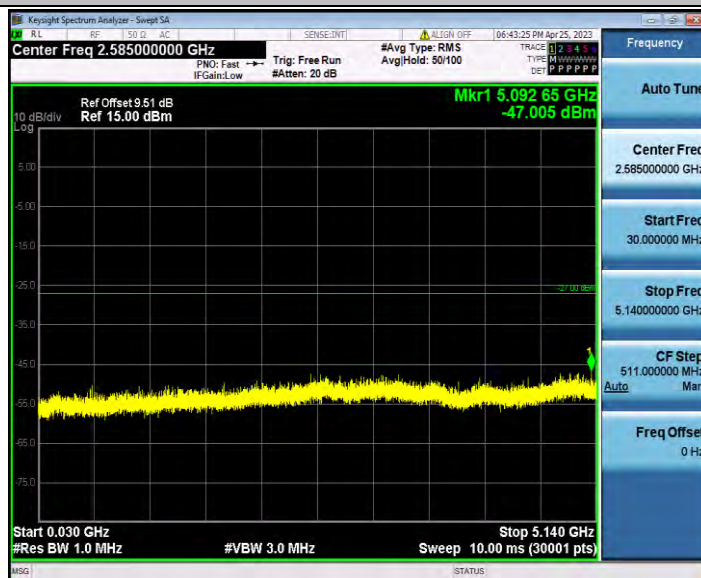




11A_Ant2_5240_30~5140



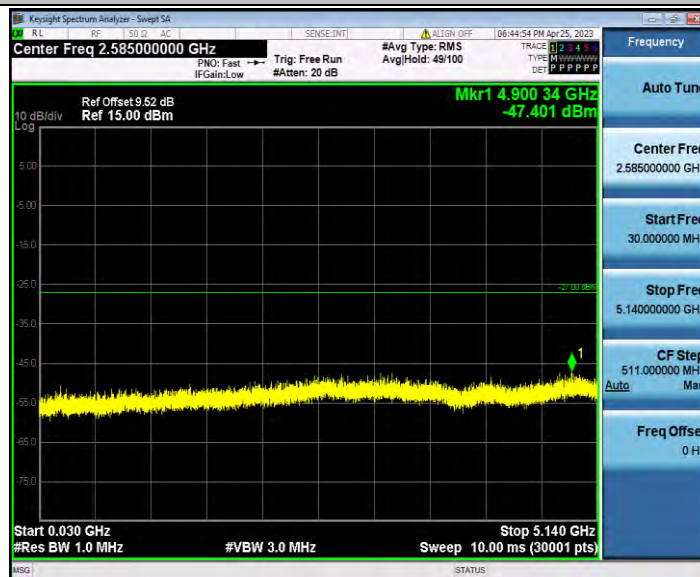
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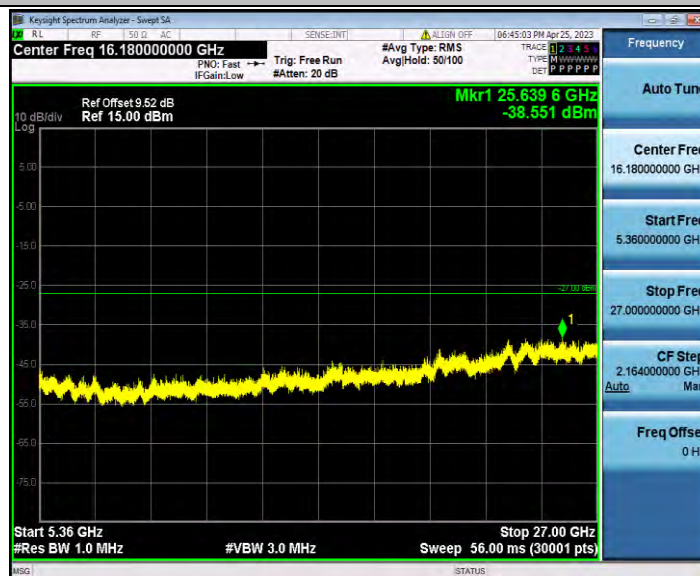
11N20SISO_Ant2_5180_30~5140



11N20SISO_Ant2_5180_5360~40000



11N20SISO_Ant2_5200_30~5140



11N20SISO_Ant2_5200_5360~40000



11N20SISO_Ant2_5240_30~5140



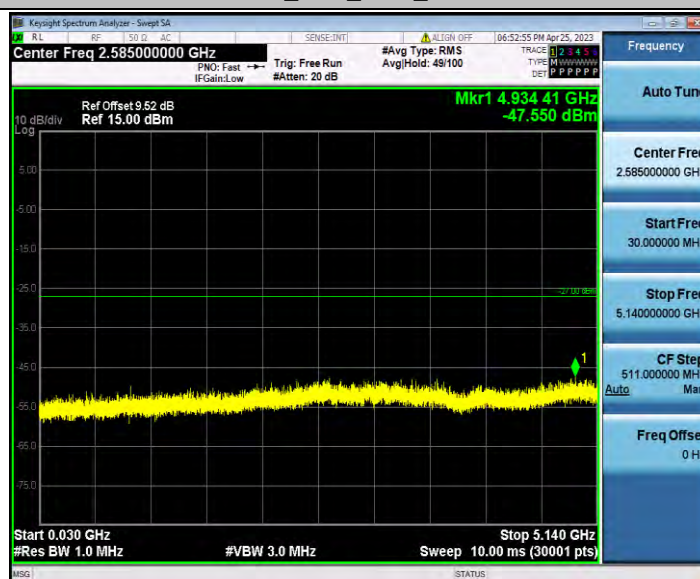
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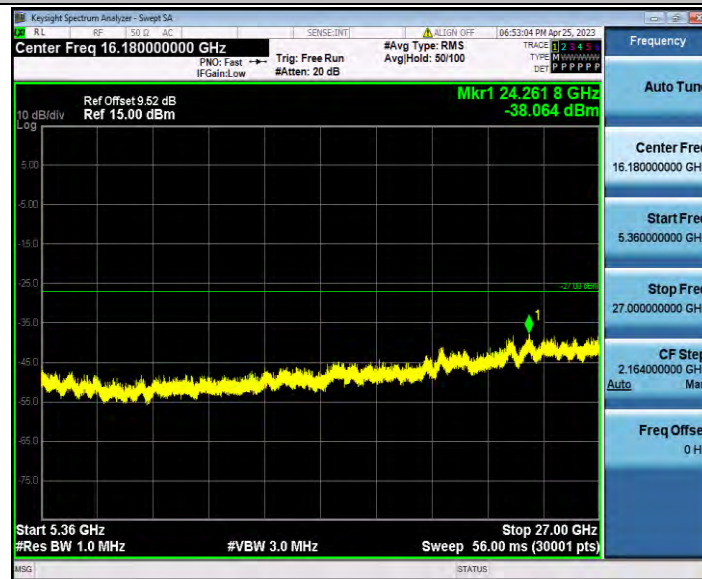
11N40SISO_Ant2_5190_30~5140



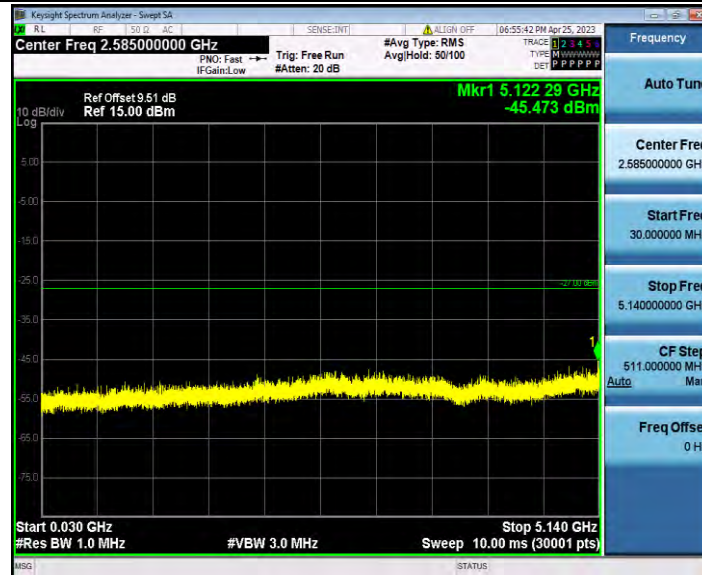
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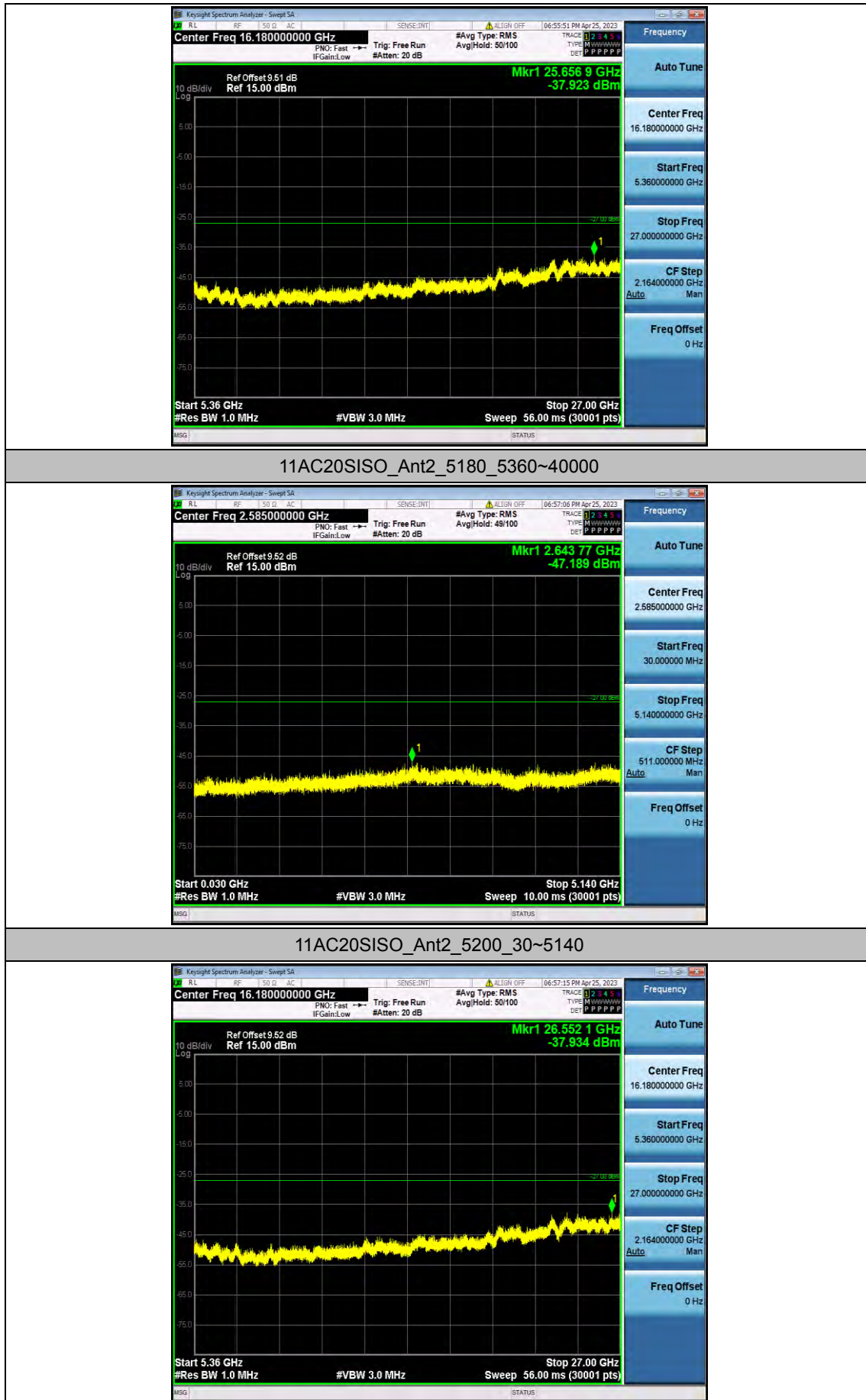
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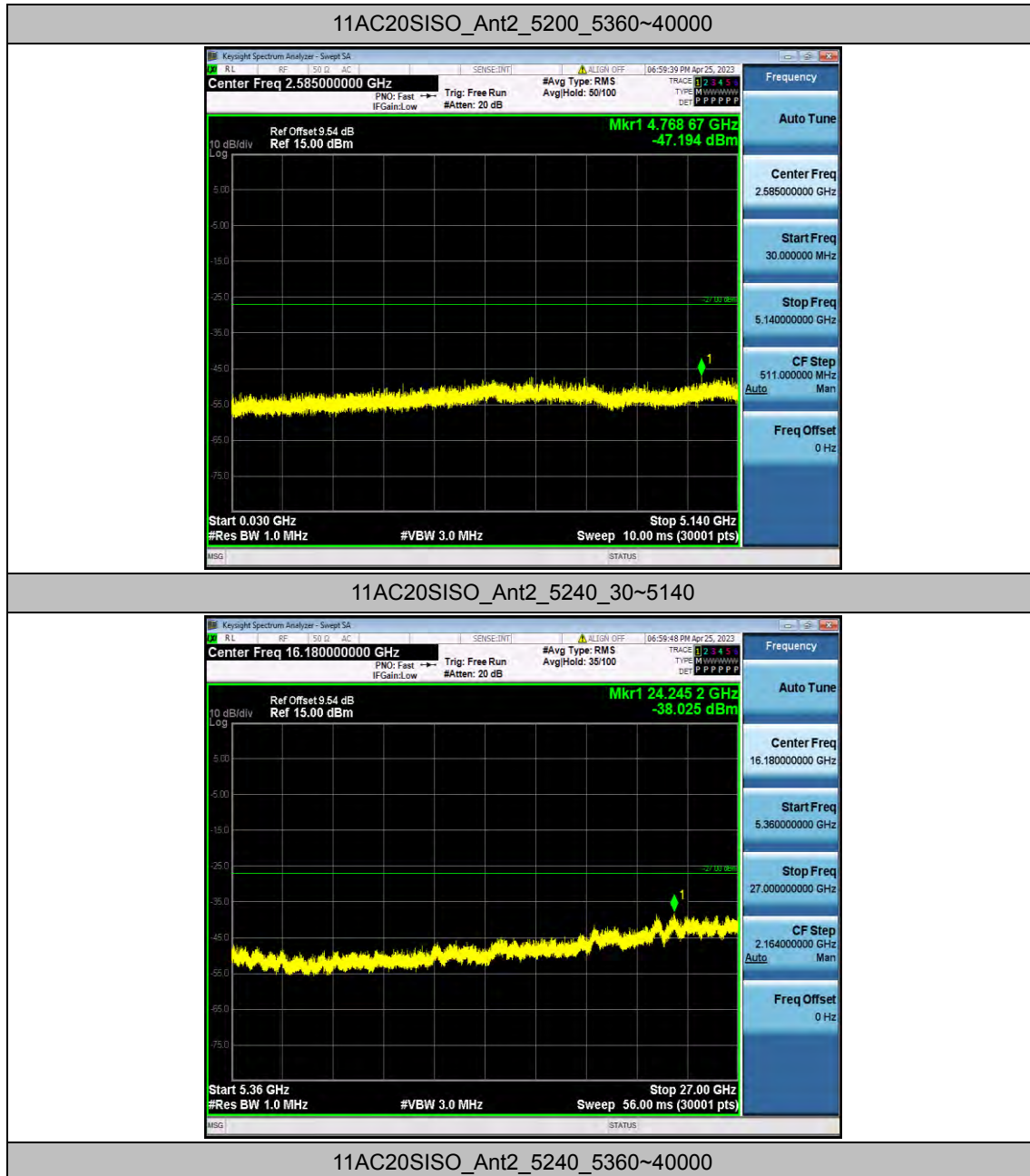


11N40SISO_Ant2_5230_5360~40000



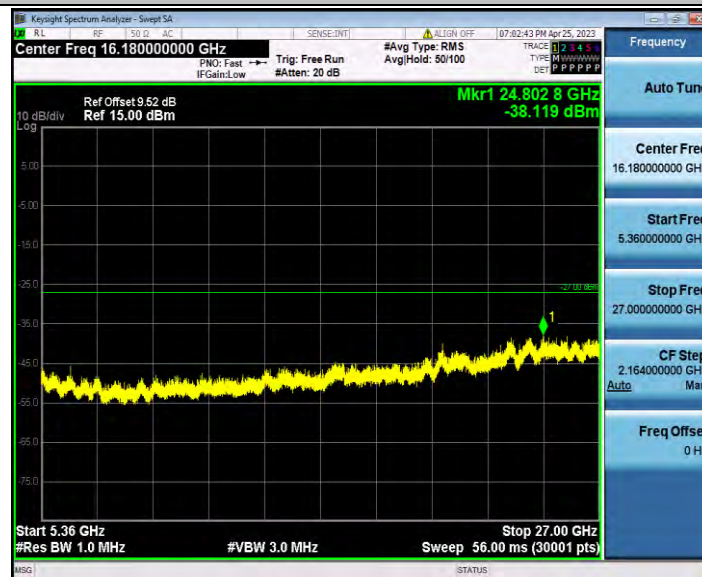
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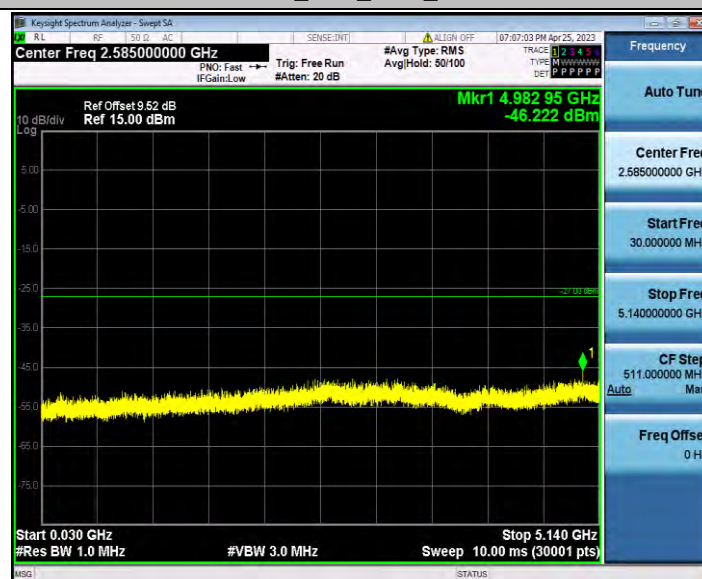




11AC40SISO_Ant2_5190_30~5140



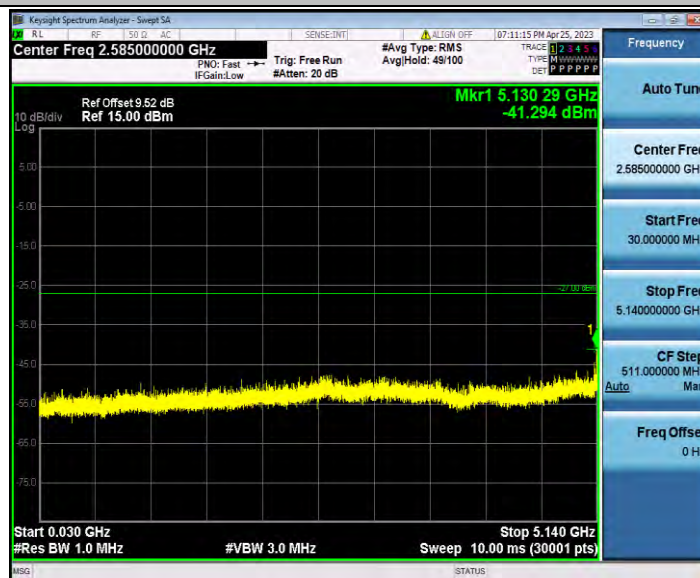
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11AC40SISO_Ant2_5230_30~5140



11AC40SISO_Ant2_5230_5360~40000



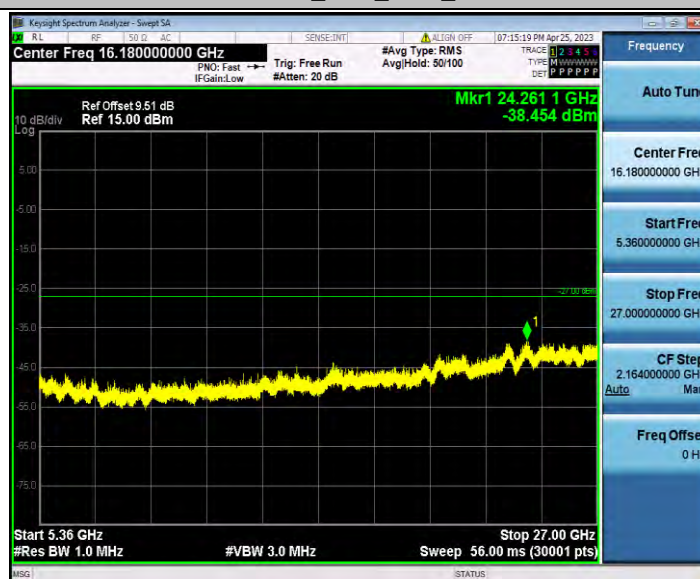
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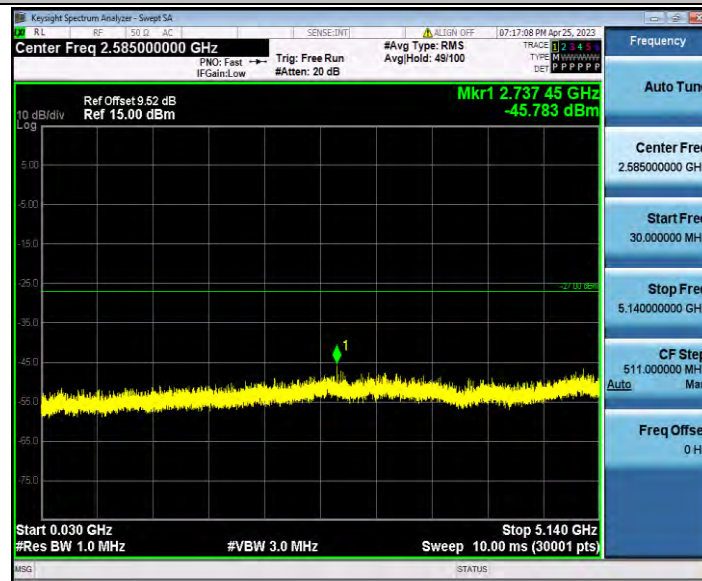
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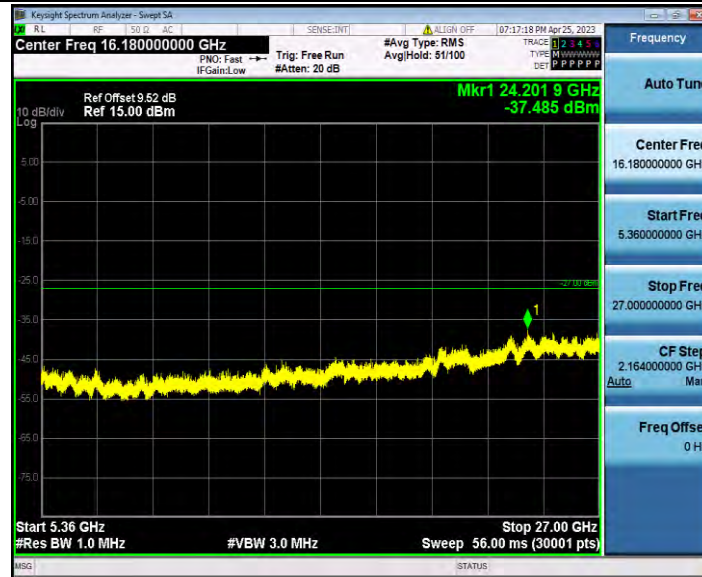
11AX20SISO_Ant2_5180_30~5140



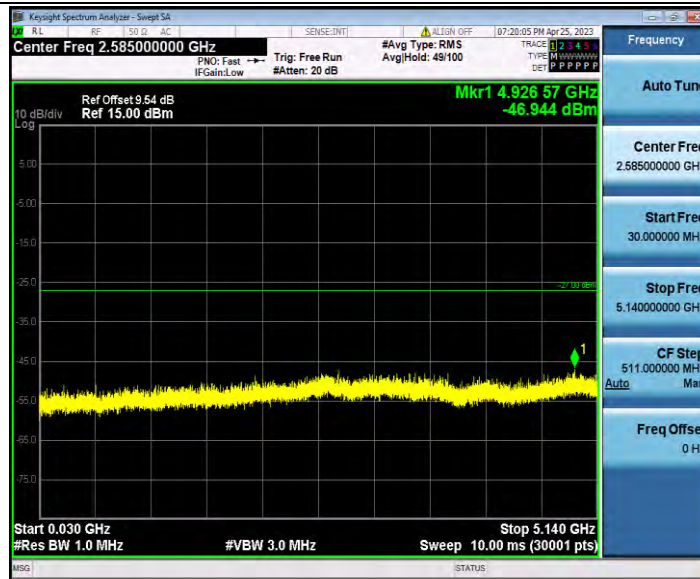
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11AX20SISO_Ant2_5200_30~5140



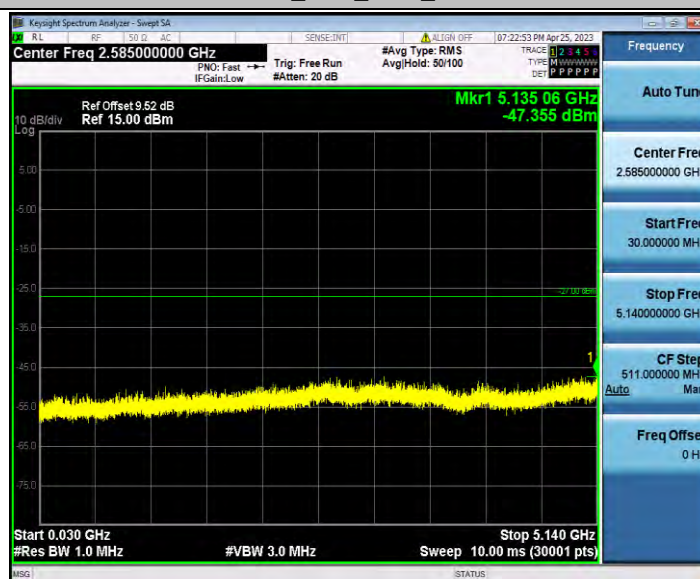
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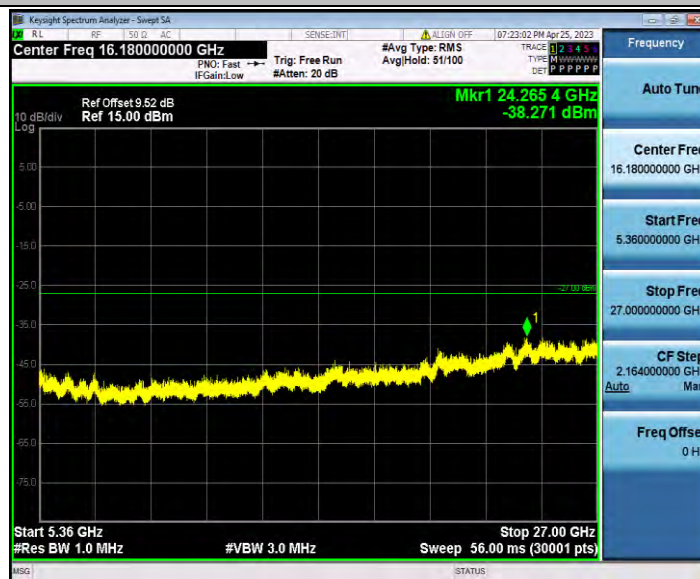
11AX20SISO_Ant2_5240_30~5140



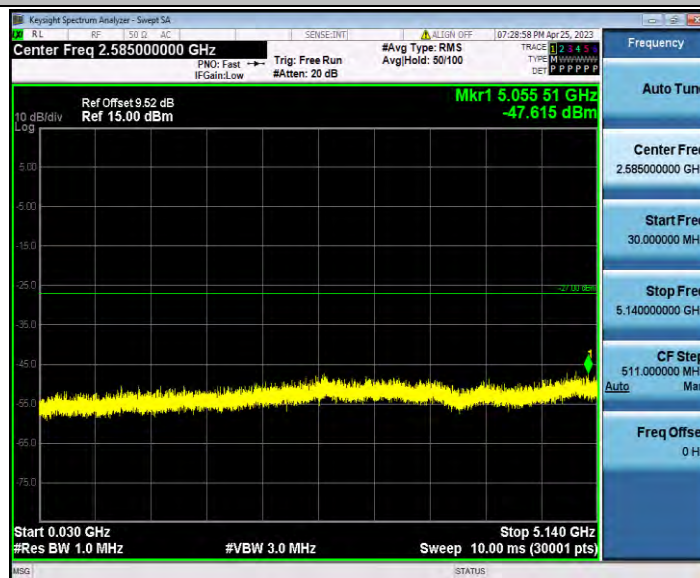
11AX20SISO_Ant2_5240_5360~40000



11AX40SISO_Ant2_5190_30~5140



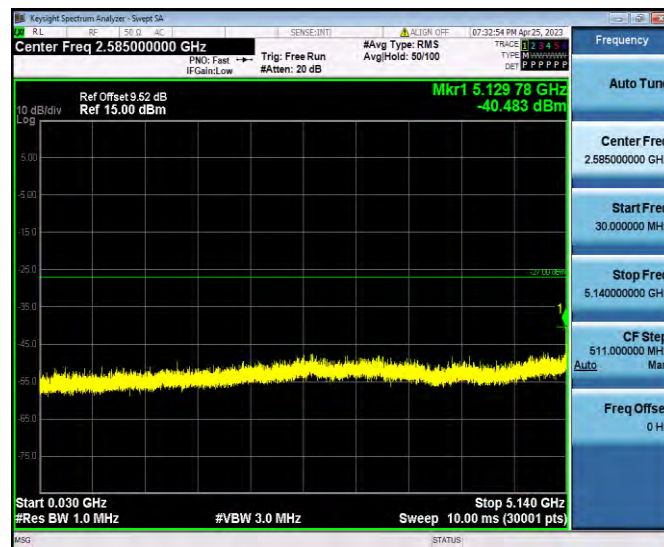
11AX40SISO_Ant2_5190_5360~40000



11AX40SISO_Ant2_5230_30~5140



11AX40SISO_Ant2_5230_5360~40000



11AX80SISO_Ant2_5210_5360~40000



11AX80SISO_Ant2_5210_5360~40000