

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	13.16	37.50	4.26	17.42	≤23.90	PASS
		5280	12.98	40.00	3.98	16.96	≤23.98	PASS
		5320	12.39	43.75	3.59	15.98	≤23.81	PASS
11N20SISO	Ant1	5260	13.37	47.06	3.27	16.64	≤23.98	PASS
		5280	13.19	47.06	3.27	16.46	≤23.98	PASS
		5320	12.74	47.06	3.27	16.01	≤23.91	PASS
11N40SISO	Ant1	5270	12.28	40.00	3.98	16.26	≤23.98	PASS
		5310	11.47	40.00	3.98	15.45	≤23.98	PASS
11AC20SISO	Ant1	5260	13.55	50.00	3.01	16.56	≤23.98	PASS
		5280	13.38	47.06	3.27	16.65	≤23.98	PASS
		5320	12.77	47.37	3.24	16.01	≤23.98	PASS
11AC40SISO	Ant1	5270	12.63	40.00	3.98	16.61	≤23.98	PASS
		5310	11.89	40.00	3.98	15.87	≤23.98	PASS
11AC80SISO	Ant1	5290	11.18	35.71	4.47	15.65	≤23.98	PASS
11AX20SISO	Ant1	5260	13.36	47.37	3.24	16.60	≤23.98	PASS
		5280	13.24	47.37	3.24	16.48	≤23.95	PASS
		5320	12.72	47.37	3.24	15.96	≤23.98	PASS
11AX40SISO	Ant1	5270	12.91	47.06	3.27	16.18	≤23.98	PASS
		5310	12.08	50.00	3.01	15.09	≤23.98	PASS
11AX80SISO	Ant1	5290	11.73	43.75	3.59	15.32	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	6.60	≤11.00	PASS
		5280	6.22	≤11.00	PASS
		5320	5.28	≤11.00	PASS
11N20SISO	Ant1	5260	5.66	≤11.00	PASS
		5280	5.53	≤11.00	PASS
		5320	5.08	≤11.00	PASS
11N40SISO	Ant1	5270	2.82	≤11.00	PASS
		5310	2.02	≤11.00	PASS
11AC20SISO	Ant1	5260	5.76	≤11.00	PASS
		5280	5.90	≤11.00	PASS
		5320	5.27	≤11.00	PASS
11AC40SISO	Ant1	5270	3.31	≤11.00	PASS
		5310	2.49	≤11.00	PASS
11AC80SISO	Ant1	5290	-1.14	≤11.00	PASS
11AX20SISO	Ant1	5260	5.79	≤11.00	PASS
		5280	5.73	≤11.00	PASS
		5320	5.18	≤11.00	PASS
11AX40SISO	Ant1	5270	2.57	≤11.00	PASS
		5310	1.51	≤11.00	PASS
11AX80SISO	Ant1	5290	-2.22	≤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

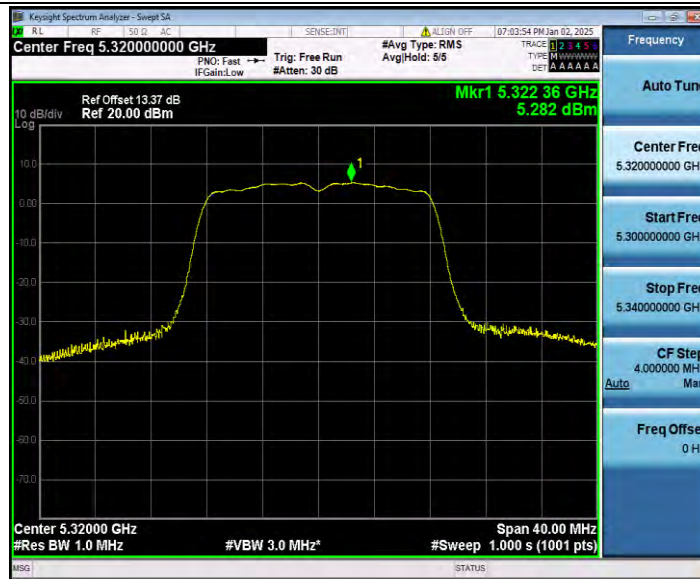
11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

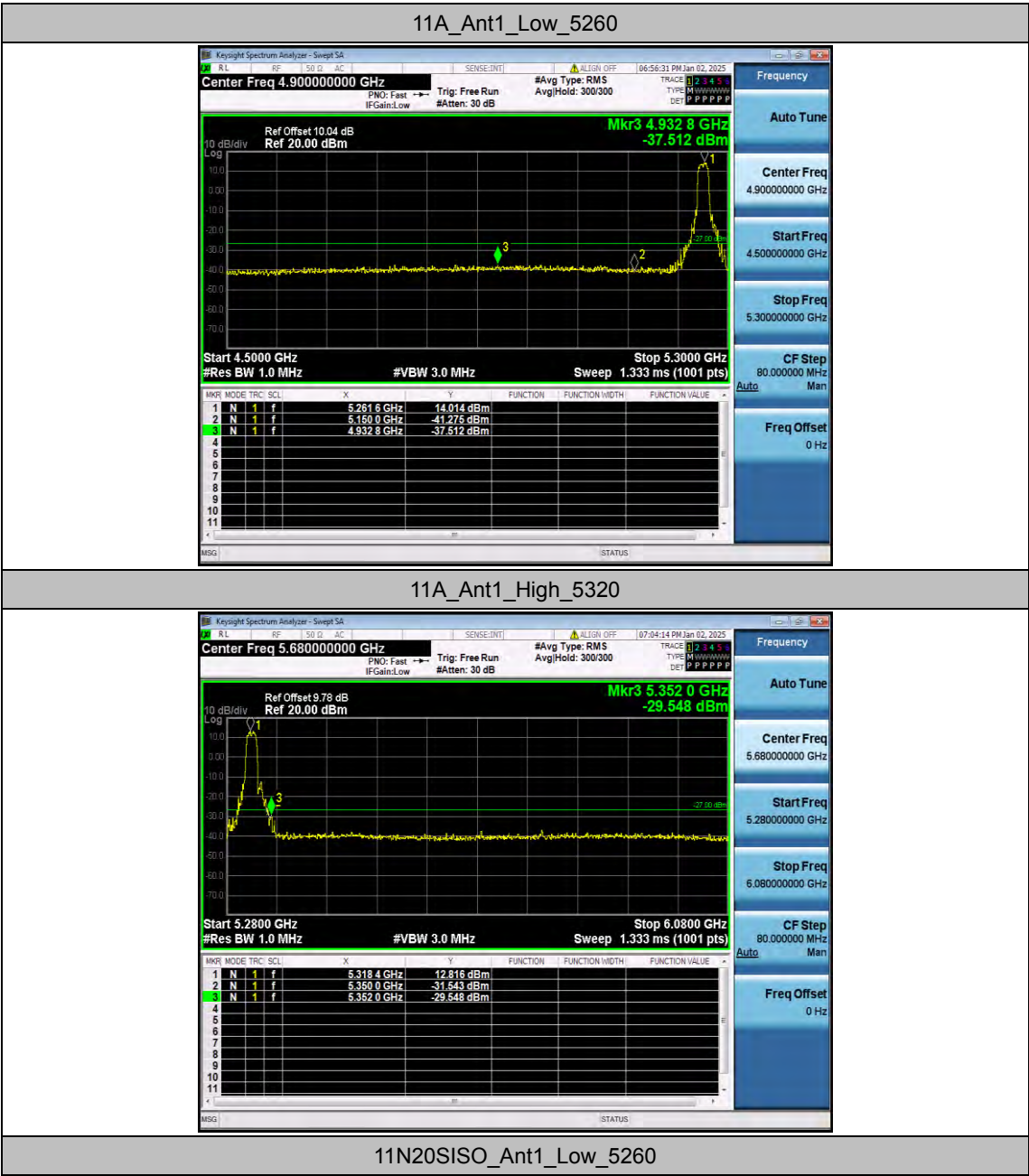


Appendix E.6: Band edge measurements

Test Result B2

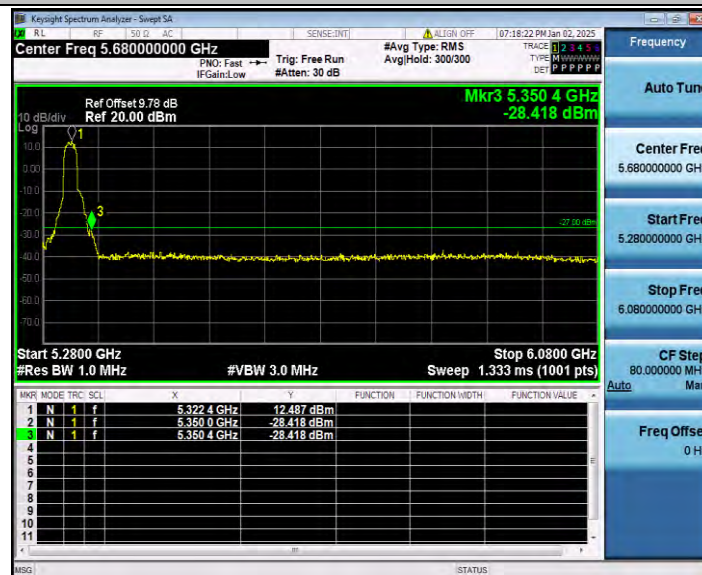
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-37.51	≤ -27	PASS
		High	5320	-29.55	≤ -27	PASS
11N20SISO	Ant1	Low	5260	-37.39	≤ -27	PASS
		High	5320	-28.42	≤ -27	PASS
11N40SISO	Ant1	Low	5270	-34.84	≤ -27	PASS
		High	5310	-38.47	≤ -27	PASS
11AC20SISO	Ant1	Low	5260	-36.72	≤ -27	PASS
		High	5320	-30.28	≤ -27	PASS
11AC40SISO	Ant1	Low	5270	-36.63	≤ -27	PASS
		High	5310	-37.96	≤ -27	PASS
11AC80SISO	Ant1	Low	5290	-34.51	≤ -27	PASS
		High	5290	-36.59	≤ -27	PASS
11AX20SISO	Ant1	Low	5260	-36.73	≤ -27	PASS
		High	5320	-30.77	≤ -27	PASS
11AX40SISO	Ant1	Low	5270	-37.16	≤ -27	PASS
		High	5310	-36.91	≤ -27	PASS
11AX80SISO	Ant1	Low	5290	-36.82	≤ -27	PASS
		High	5290	-35.98	≤ -27	PASS

Test Graphs B2





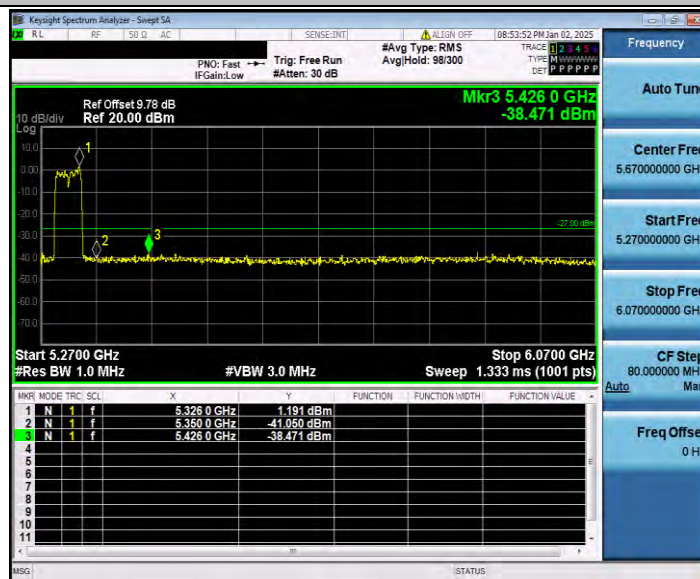
11N20SISO_Ant1_High_5320



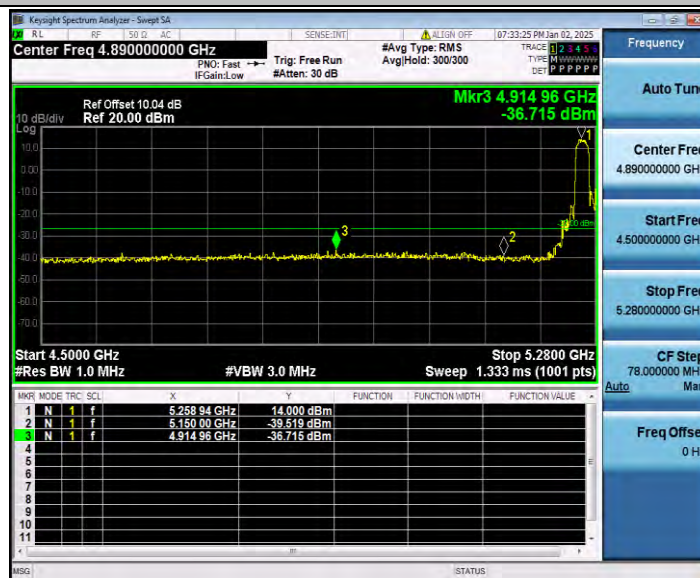
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11N40SISO_Ant1_High_5310



11AC20SISO_Ant1_Low_5260



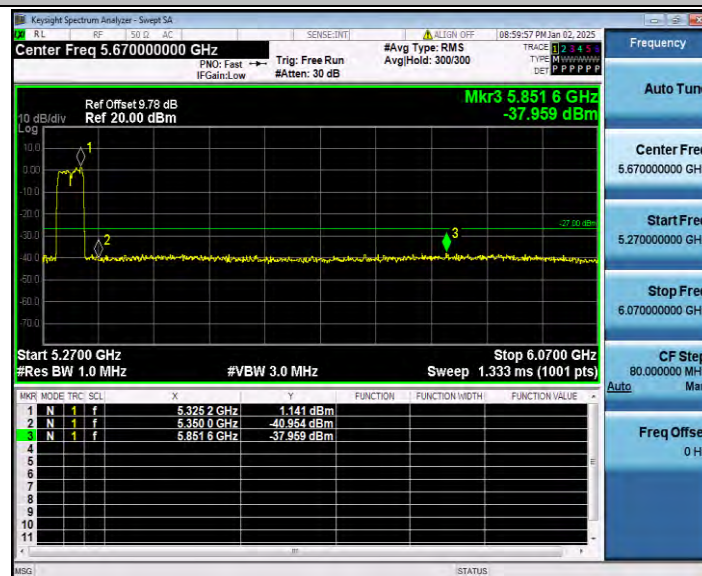
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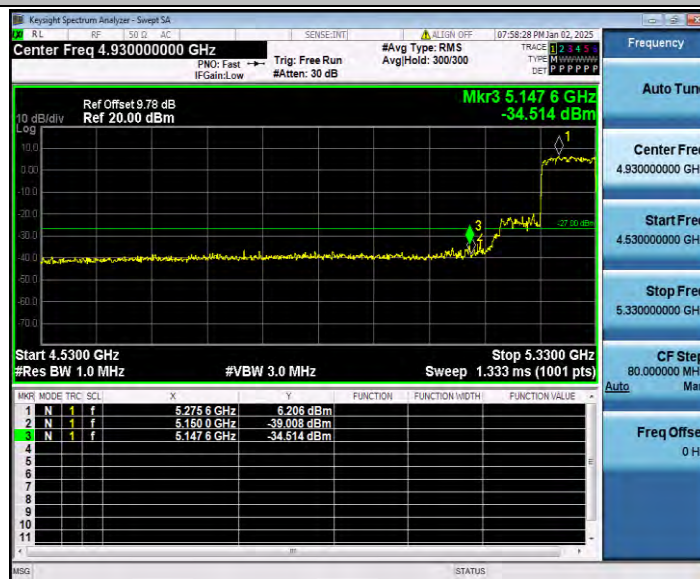
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11AC40SISO_Ant1_High_5310



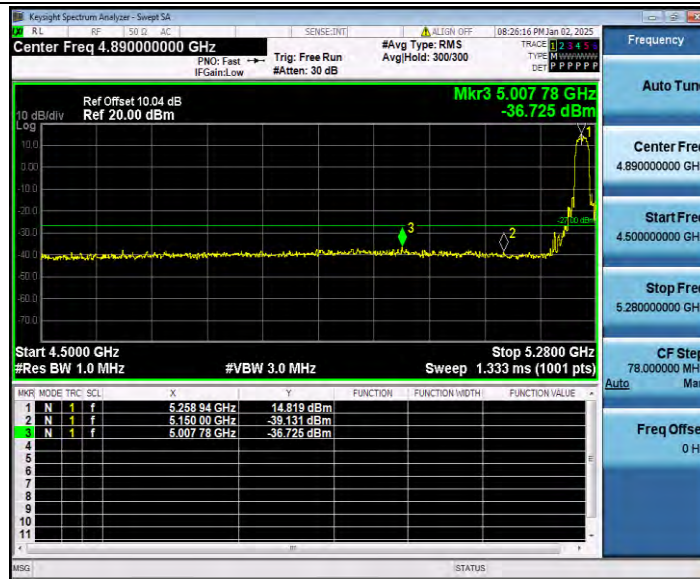
11AC80SISO_Ant1_Low_5290



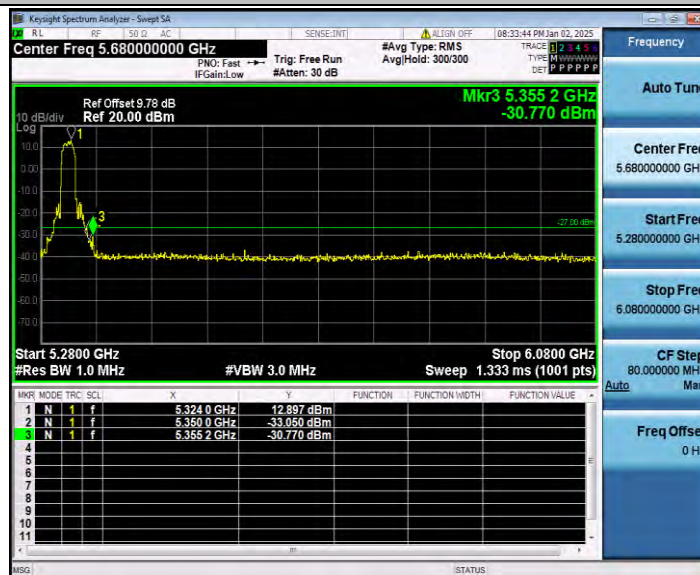
11AC80SISO_Ant1_High_5290



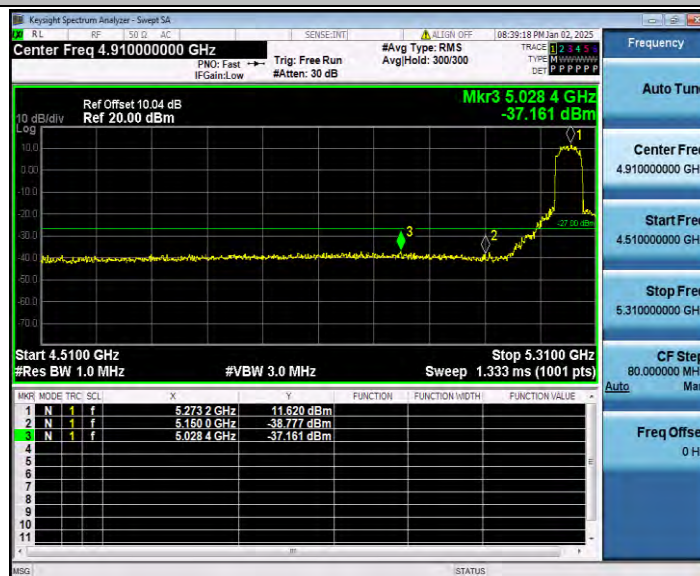
11AX20SISO_Ant1_Low_5260



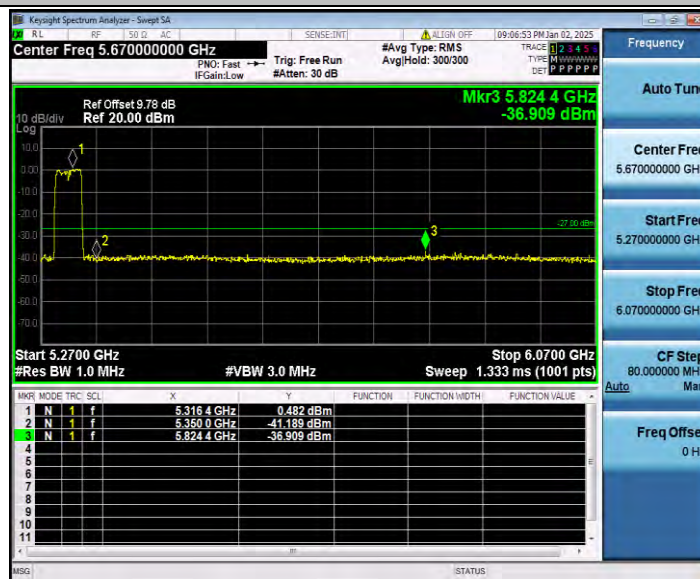
11AX20SISO_Ant1_High_5320



11AX40SISO_Ant1_Low_5270



11AX40SISO_Ant1_High_5310



11AX80SISO_Ant1_Low_5290



11AX80SISO_Ant1_High_5290



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	5101.33	-43.83	≤-27	PASS
			5360~27000	25573.2	-37.2	≤-27	PASS
		5280	30~5140	912.84	-43.61	≤-27	PASS
			5360~27000	24307.26	-37.29	≤-27	PASS
		5320	30~5140	4996.75	-46.6	≤-27	PASS
			5360~27000	24848.98	-36.85	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	5098.61	-45.12	≤-27	PASS
			5360~27000	24230.8	-37.46	≤-27	PASS
		5280	30~5140	5122.29	-43.79	≤-27	PASS
			5360~27000	26062.27	-37.03	≤-27	PASS
		5320	30~5140	3174.69	-46.48	≤-27	PASS
			5360~27000	5366.49	-33.98	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	5120.58	-36.99	≤-27	PASS
			5360~27000	5362.16	-30.34	≤-27	PASS
		5310	30~5140	3243	-46.51	≤-27	PASS
			5360~27000	24240.9	-37.02	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	5097.76	-44.59	≤-27	PASS
			5360~27000	24215.65	-37.35	≤-27	PASS
		5280	30~5140	5125.18	-44.3	≤-27	PASS
			5360~27000	26746.81	-37.01	≤-27	PASS
		5320	30~5140	1741.17	-46.06	≤-27	PASS
			5360~27000	25633.07	-37.09	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	5115.81	-42.76	≤-27	PASS
			5360~27000	24819.41	-37.38	≤-27	PASS
		5310	30~5140	2905.06	-45.89	≤-27	PASS
			5360~27000	26014.66	-36.35	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	3051.2	-46.54	≤-27	PASS
			5360~27000	24232.97	-37.31	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	5106.27	-44.79	≤-27	PASS
			5360~27000	24241.62	-36.73	≤-27	PASS
		5280	30~5140	5125.01	-44.23	≤-27	PASS
			5360~27000	26545.56	-37.11	≤-27	PASS
		5320	30~5140	5050.92	-46.33	≤-27	PASS
			5360~27000	24243.79	-36.98	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	5111.72	-44.96	≤-27	PASS
			5360~27000	24336.12	-37.34	≤-27	PASS

		5310	30~5140	2760.61	-46.25	≤ -27	PASS
			5360~27000	5360	-29.9	≤ -27	PASS
11AX80SISO	Ant1	5290	30~5140	5134.55	-39.18	≤ -27	PASS
			5360~27000	5380.92	-29.85	≤ -27	PASS

Test Graphs

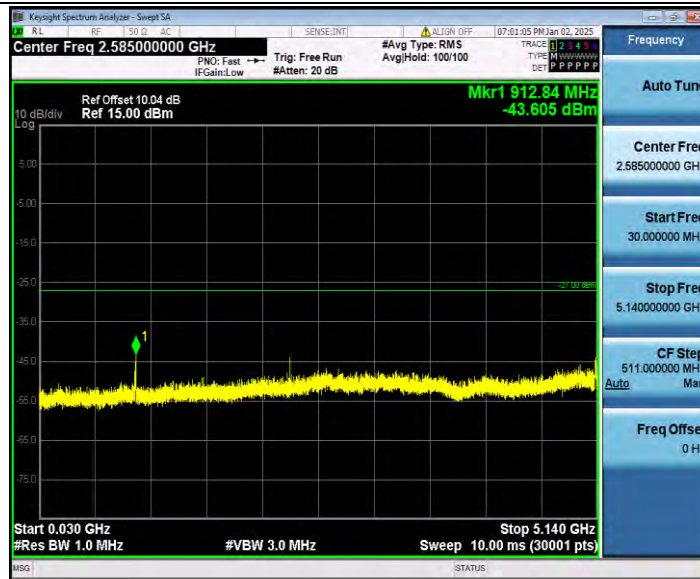
11A_Ant1_5260_30~5140



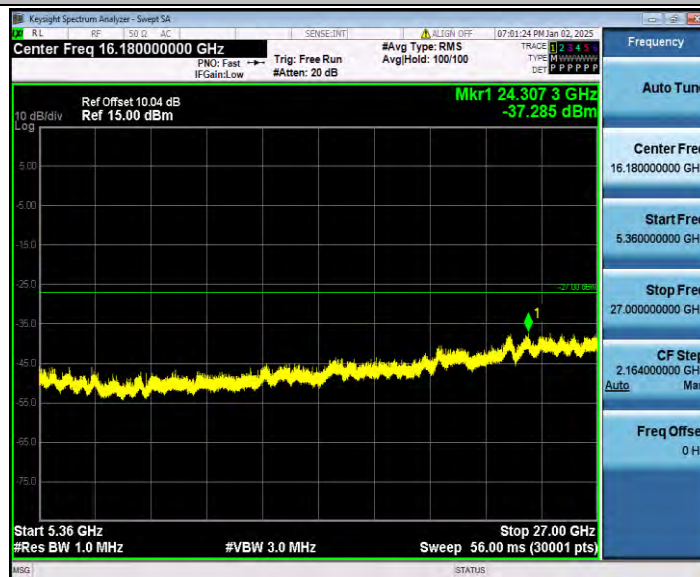
11A_Ant1_5260_5360~27000



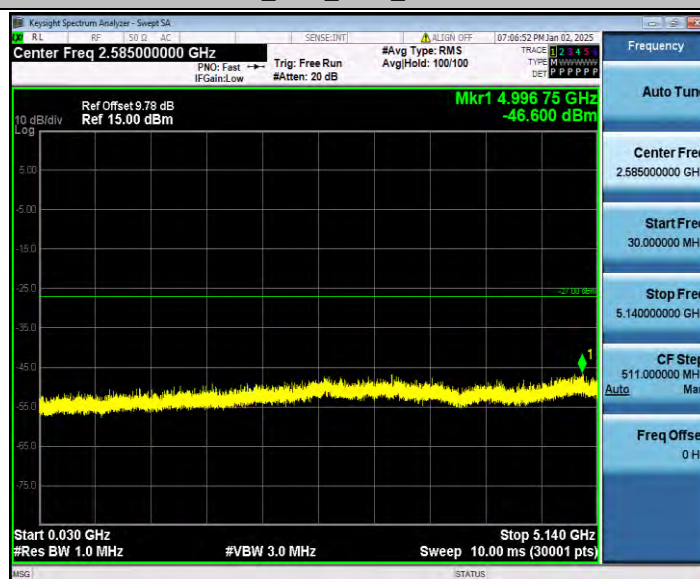
11A_Ant1_5280_30~5140



11A_Ant1_5280_5360~27000



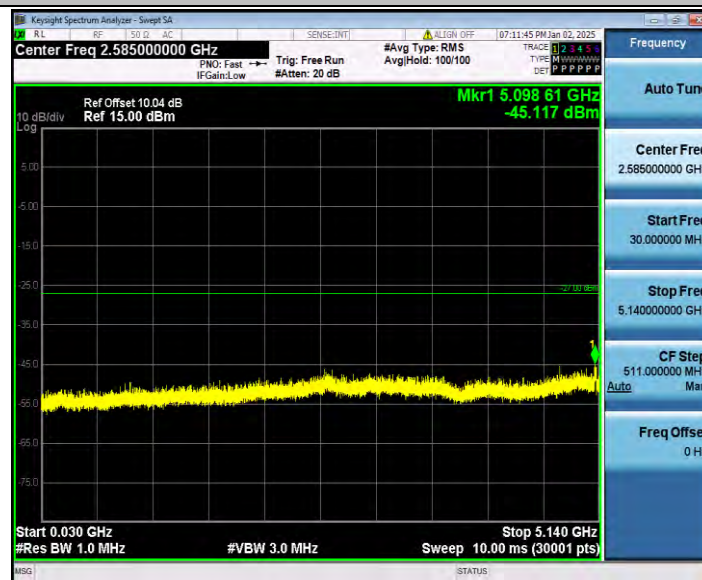
11A_Ant1_5320_30~5140



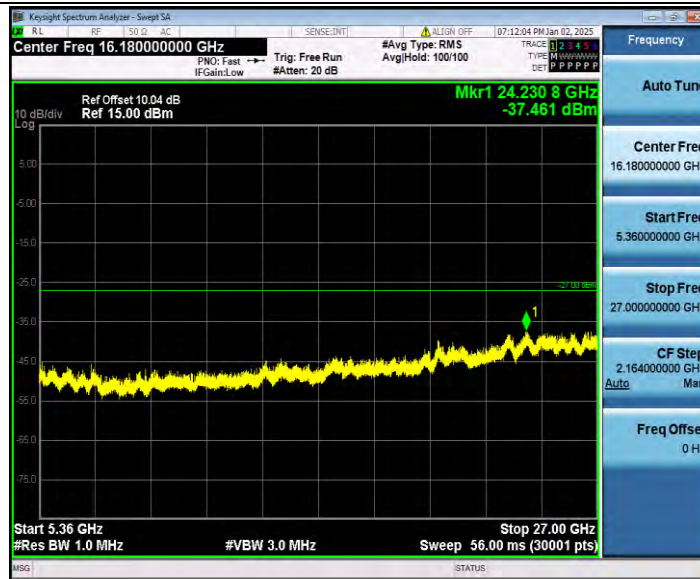
11A_Ant1_5320_5360~27000



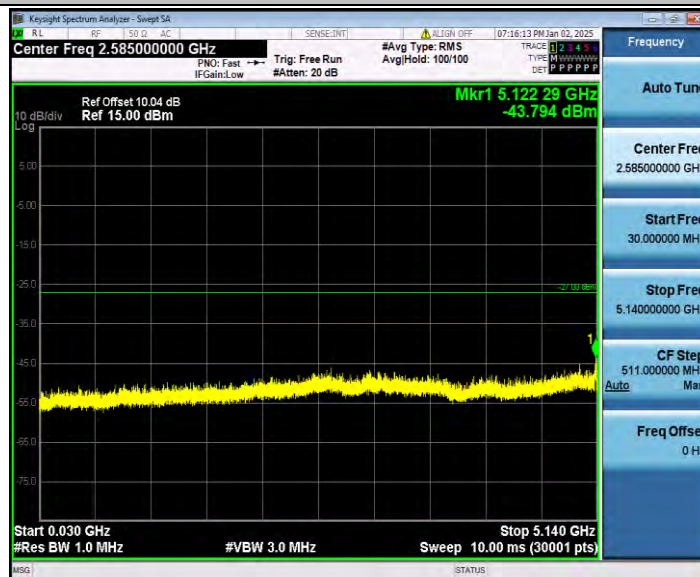
11N20SISO_Ant1_5260_30~5140



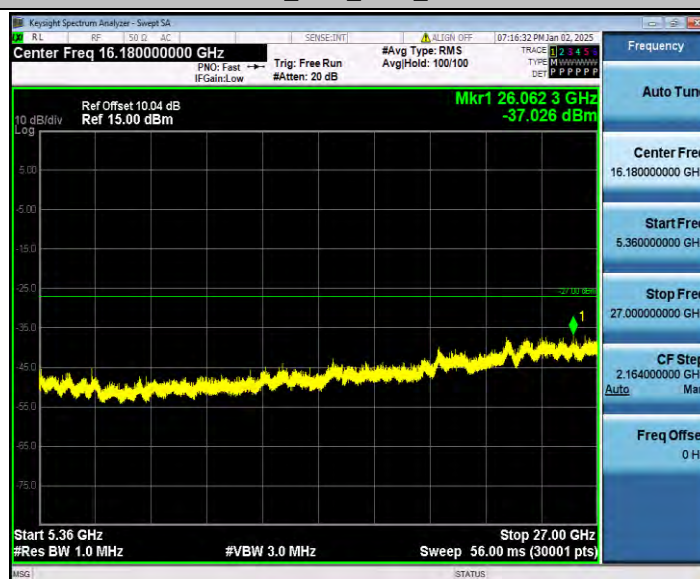
11N20SISO_Ant1_5260_5360~27000



11N20SISO_Ant1_5280_30~5140



11N20SISO_Ant1_5280_5360~27000



11N20SISO_Ant1_5320_30~5140



11N20SISO_Ant1_5320_5360~27000



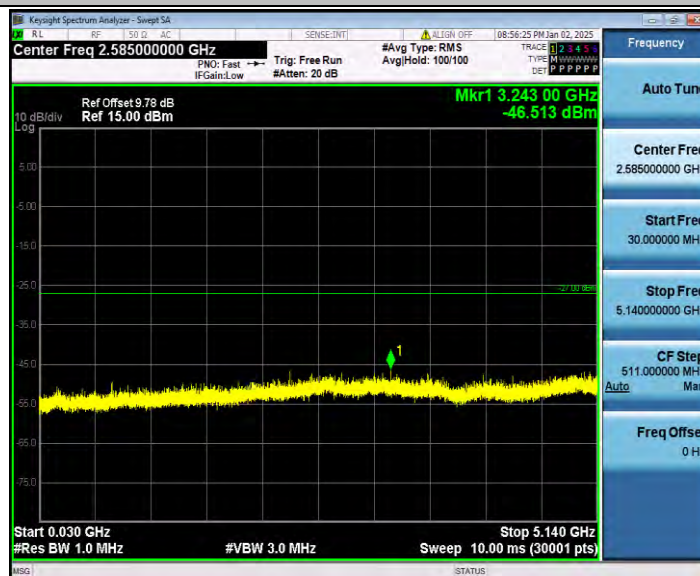
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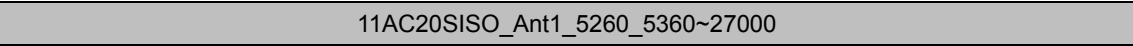
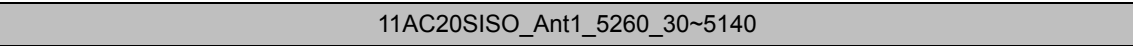


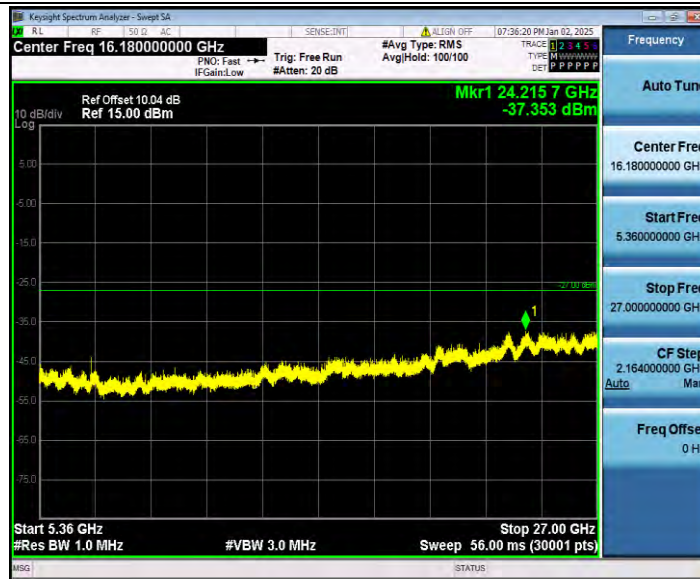
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11N40SISO_Ant1_5310_30~5140



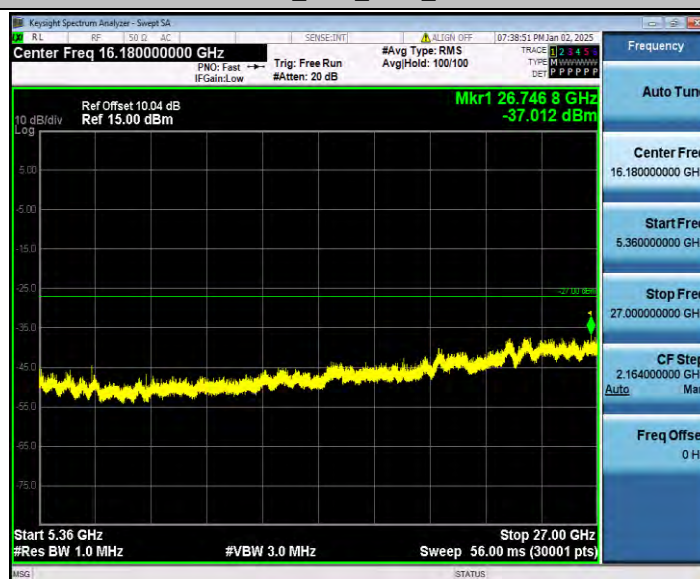




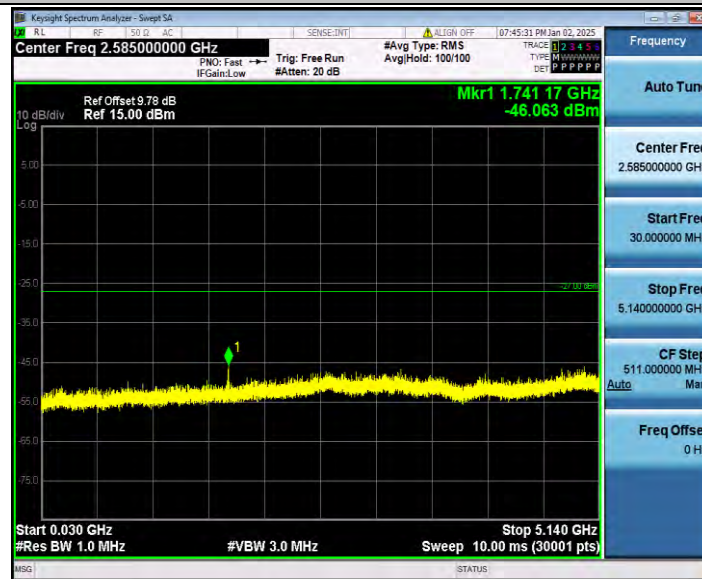
11AC20SISO_Ant1_5280_30~5140



11AC20SISO_Ant1_5280_5360~27000



11AC20SISO_Ant1_5320_30~5140



11AC20SISO_Ant1_5320_5360~27000



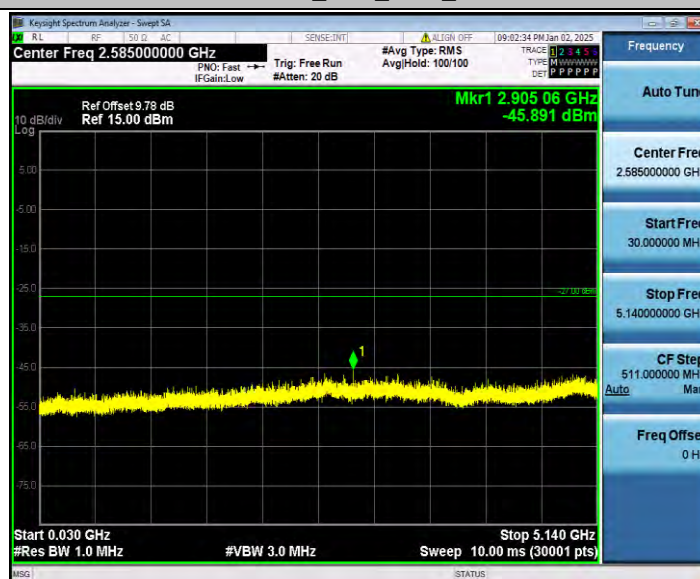
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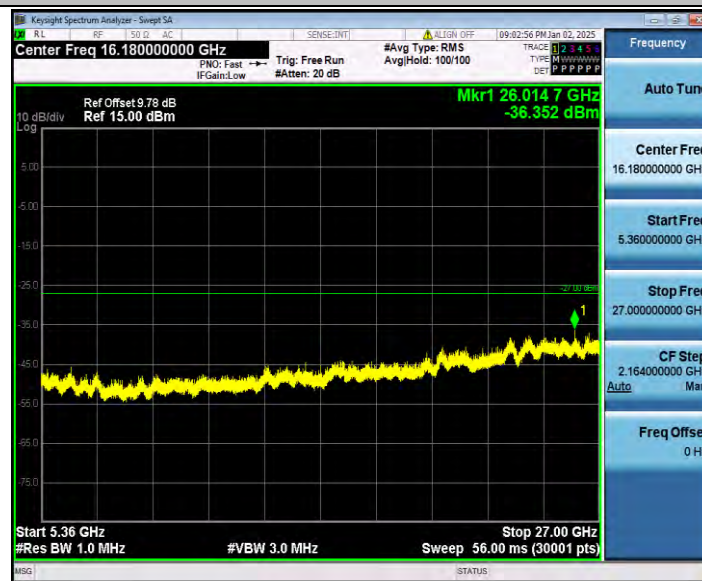
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11AC40SISO_Ant1_5310_30~5140



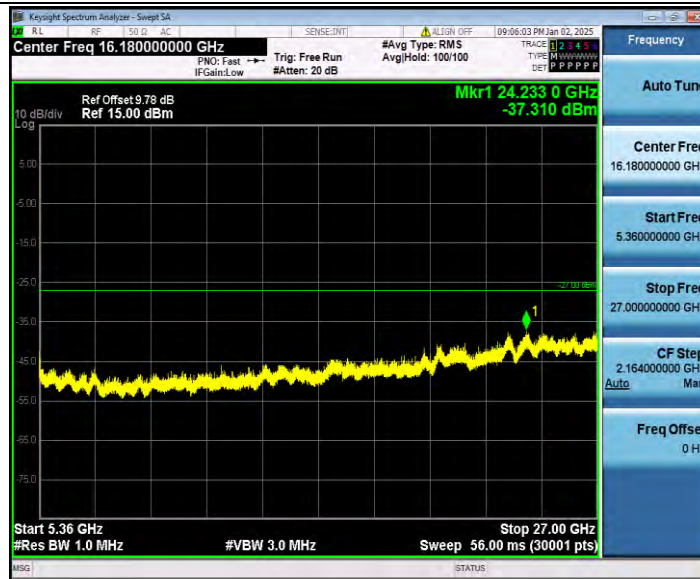
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11AC80SISO_Ant1_5290_30~5140



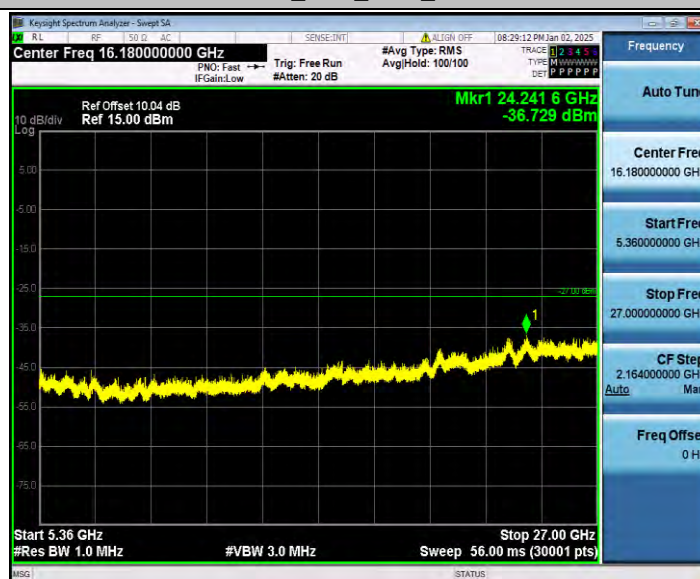
11AC80SISO_Ant1_5290_5360~27000



11AX20SISO_Ant1_5260_30~5140



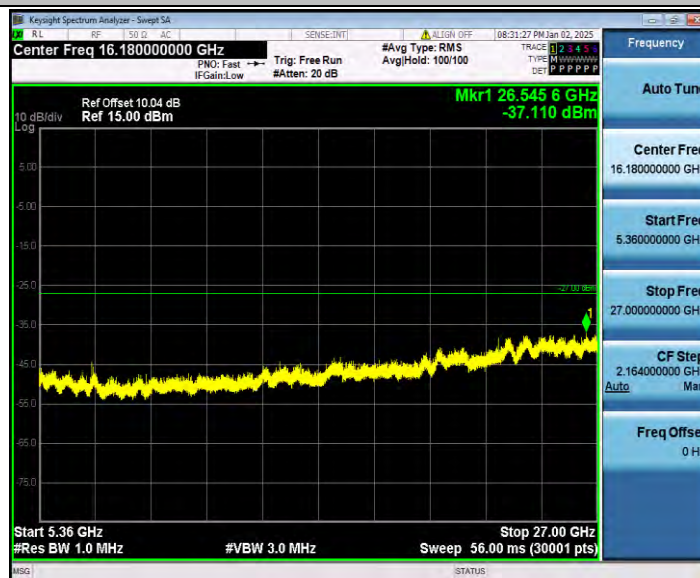
11AX20SISO_Ant1_5260_5360~27000



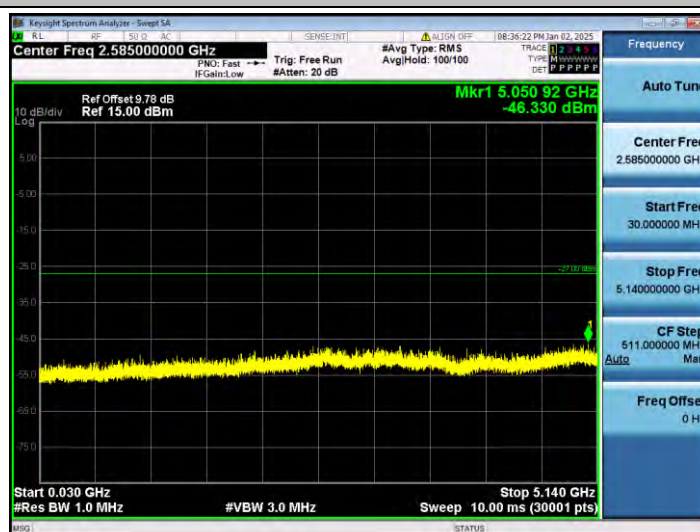
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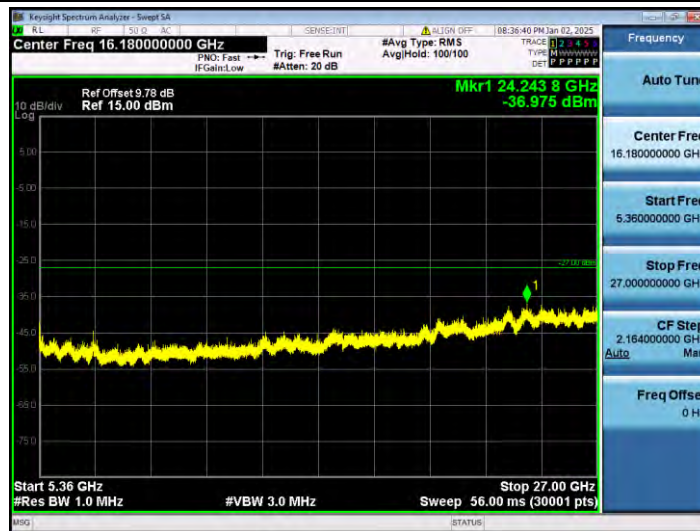
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11AX20SISO_Ant1_5320_30~5140



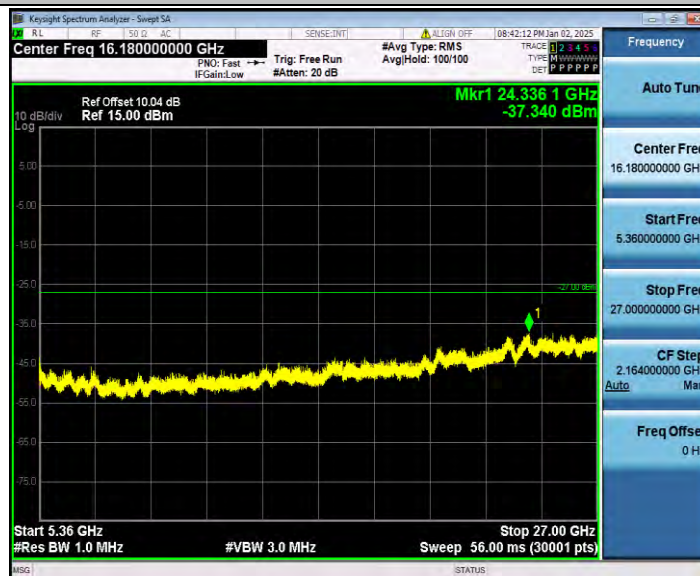
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11AX40SISO_Ant1_5270_30~5140



11AX40SISO_Ant1_5270_5360~27000



11AX40SISO_Ant1_5310_30~5140



11AX40SISO_Ant1_5310_5360~27000



11AX80SISO_Ant1_5290_30~5140

