

Appendix D.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	5180	9.42	64.29	1.92	11.34	≤23.98	PASS
		5200	9.71	62.96	2.01	11.72	≤23.98	PASS
		5240	9.95	62.96	2.01	11.96	≤23.98	PASS
11N20SISO	Ant1	5180	9.47	62.96	2.01	11.48	≤23.98	PASS
		5200	9.53	62.96	2.01	11.54	≤23.98	PASS
		5240	9.79	61.54	2.11	11.90	≤23.98	PASS
11N40SISO	Ant1	5190	7.87	50.00	3.01	10.88	≤23.98	PASS
		5230	8.19	50.00	3.01	11.20	≤23.98	PASS
11AC20SISO	Ant1	5180	8.62	90.91	0.41	9.03	≤23.98	PASS
		5200	8.94	90.91	0.41	9.35	≤23.98	PASS
		5240	9.01	90.91	0.41	9.42	≤23.98	PASS
11AC40SISO	Ant1	5190	12.52	86.67	0.62	13.14	≤23.98	PASS
		5230	9.51	86.67	0.62	10.13	≤23.98	PASS
11AC80SISO	Ant1	5210	8.47	76.74	1.15	9.62	≤23.98	PASS
11AX20SISO	Ant1	5180	7.84	91.07	0.41	8.25	≤23.98	PASS
		5200	8.05	91.07	0.41	8.46	≤23.98	PASS
		5240	7.88	91.07	0.41	8.29	≤23.98	PASS
11AX40SISO	Ant1	5190	7.83	84.38	0.74	8.57	≤23.98	PASS
		5230	7.73	84.38	0.74	8.47	≤23.98	PASS
11AX80SISO	Ant1	5210	7.75	74.36	1.29	9.04	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.13	≤11.00	PASS
		5200	0.31	≤11.00	PASS
		5240	0.57	≤11.00	PASS
11N20SISO	Ant1	5180	-0.27	≤11.00	PASS
		5200	-0.06	≤11.00	PASS
		5240	0.25	≤11.00	PASS
11N40SISO	Ant1	5190	-3.66	≤11.00	PASS
		5230	-3.41	≤11.00	PASS
11AC20SISO	Ant1	5180	-3.01	≤11.00	PASS
		5200	-2.61	≤11.00	PASS
		5240	-2.58	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.36	≤11.00	PASS
		5230	-4.63	≤11.00	PASS
11AC80SISO	Ant1	5210	-7.85	≤11.00	PASS
11AX20SISO	Ant1	5180	-2.45	≤11.00	PASS
		5200	-2.25	≤11.00	PASS
		5240	-2.24	≤11.00	PASS
11AX40SISO	Ant1	5190	-6.27	≤11.00	PASS
		5230	-6.17	≤11.00	PASS
11AX80SISO	Ant1	5210	-8.23	≤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 Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



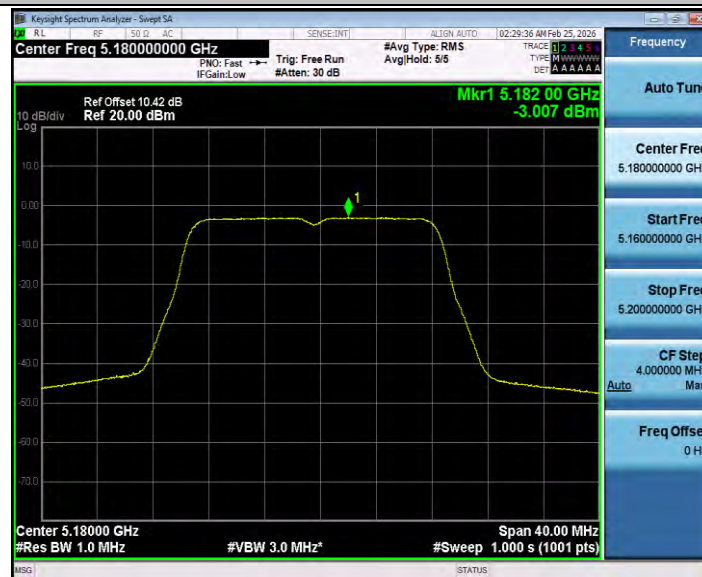
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



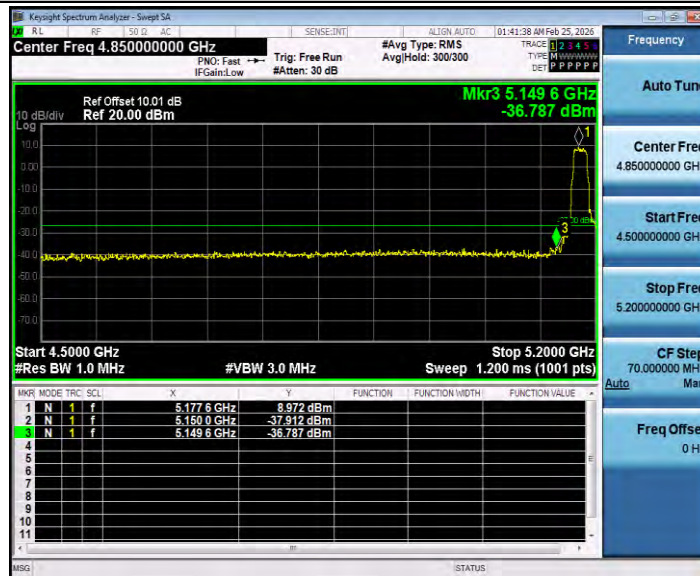
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.79	≤ -27	PASS
		High	5240	-37.56	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-32.32	≤ -27	PASS
		High	5240	-37.58	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-32.12	≤ -27	PASS
		High	5230	-37.45	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.35	≤ -27	PASS
		High	5240	-36.51	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-33.89	≤ -27	PASS
		High	5230	-37.4	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-32.49	≤ -27	PASS
		High	5210	-37.05	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-33.87	≤ -27	PASS
		High	5240	-37.66	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-33.89	≤ -27	PASS
		High	5230	-36.79	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-30.92	≤ -27	PASS
		High	5210	-37.05	≤ -27	PASS

Test GraphsB1/2/3

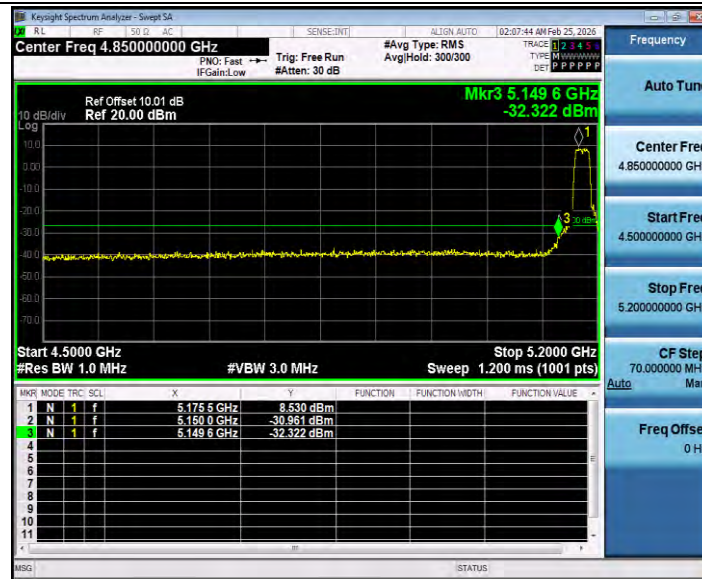
11A_Ant1_Low_5180



11A_Ant1_High_5240



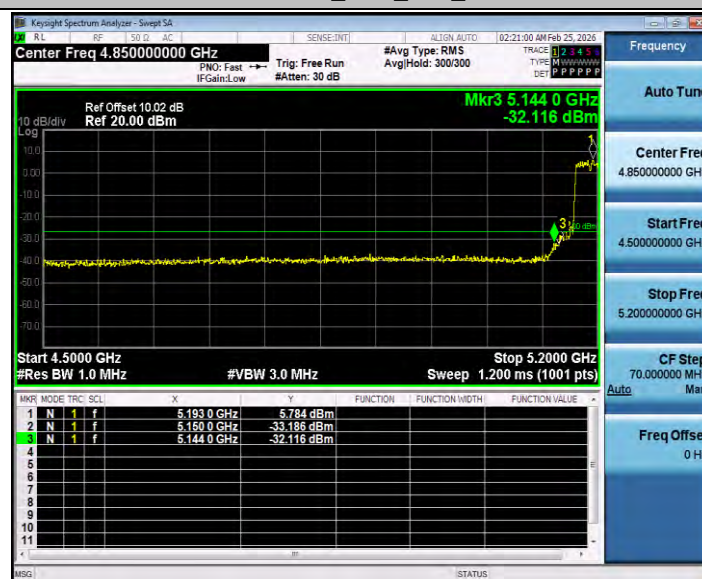
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



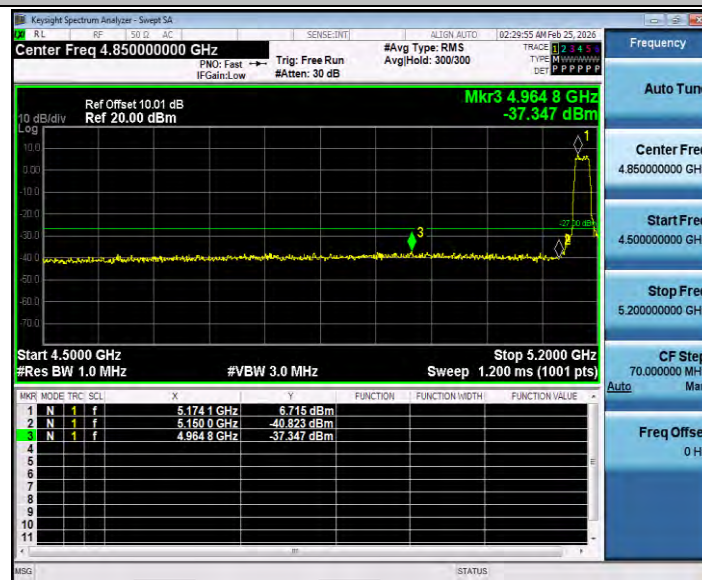
11N40SISO_Ant1_Low_5190



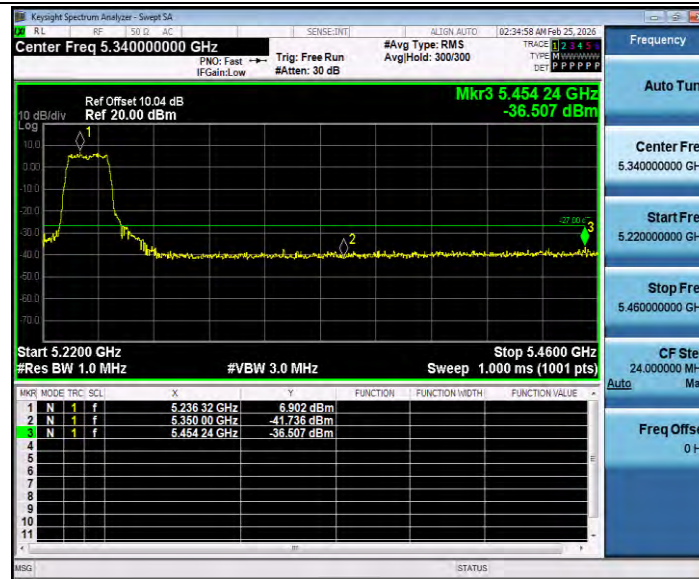
11N40SISO_Ant1_High_5230



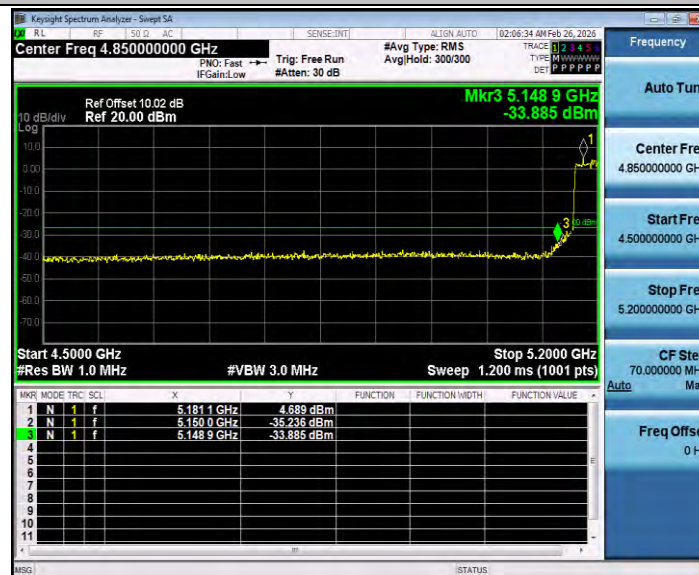
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



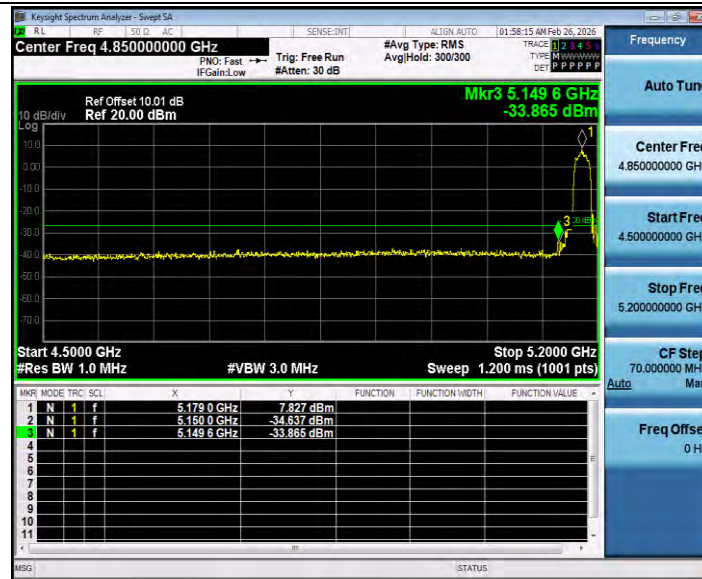
11AC80SISO_Ant1_Low_5210



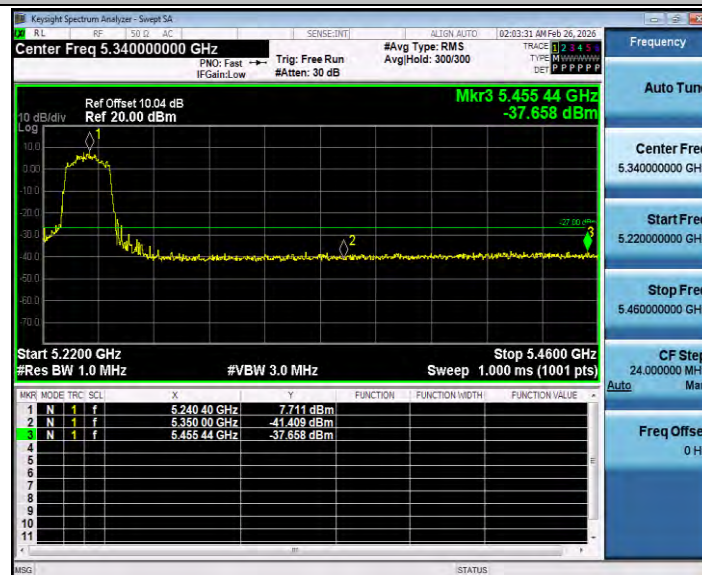
11AC80SISO_Ant1_High_5210



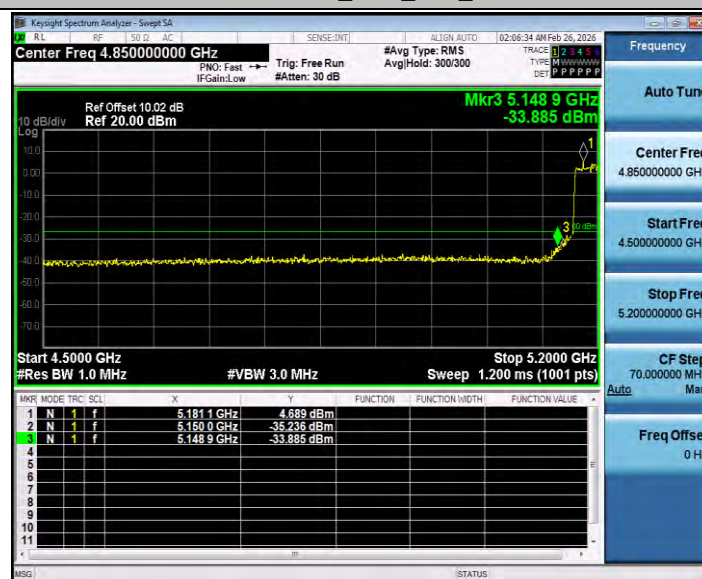
11AX20SISO_Ant1_Low_5180

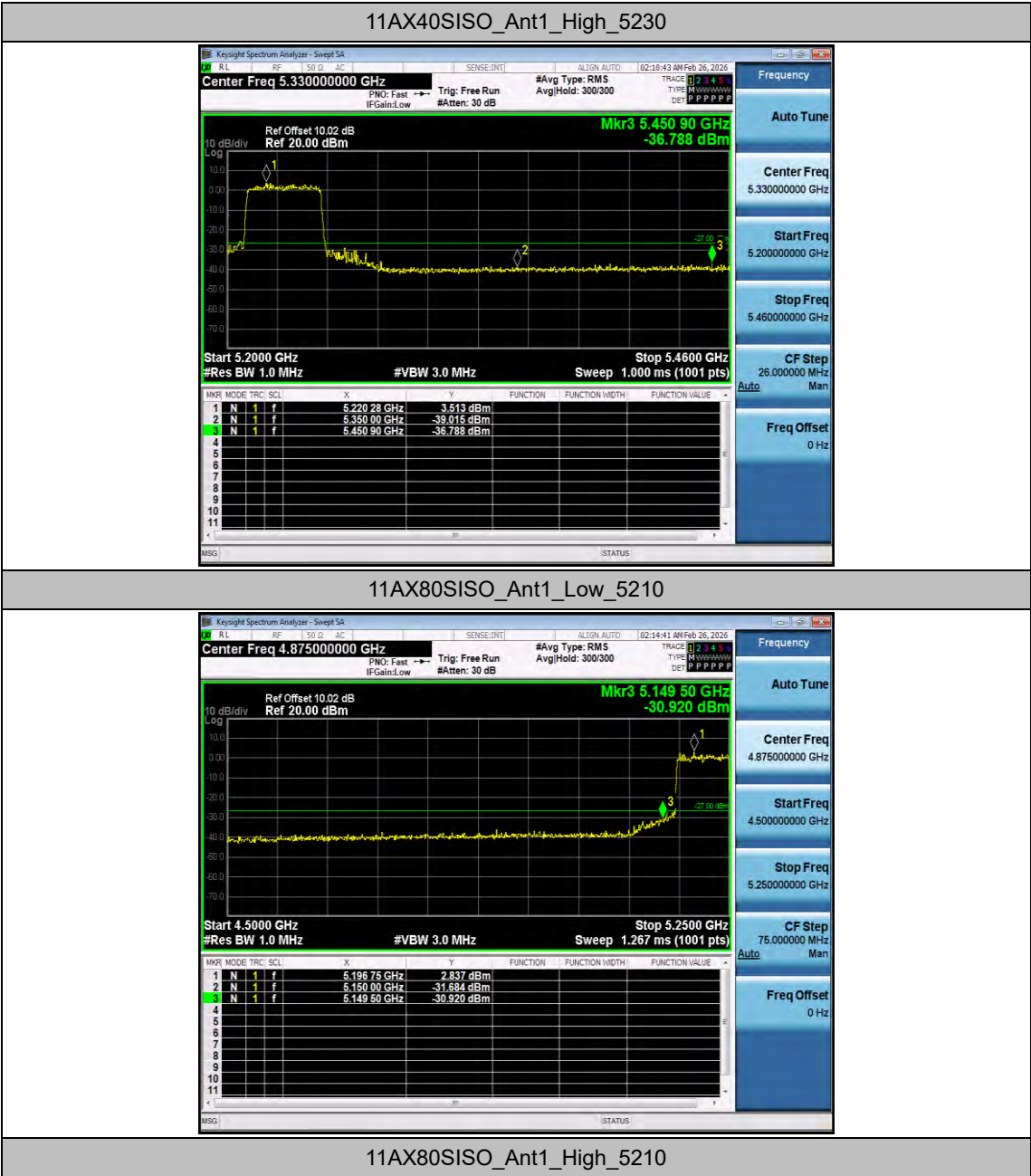


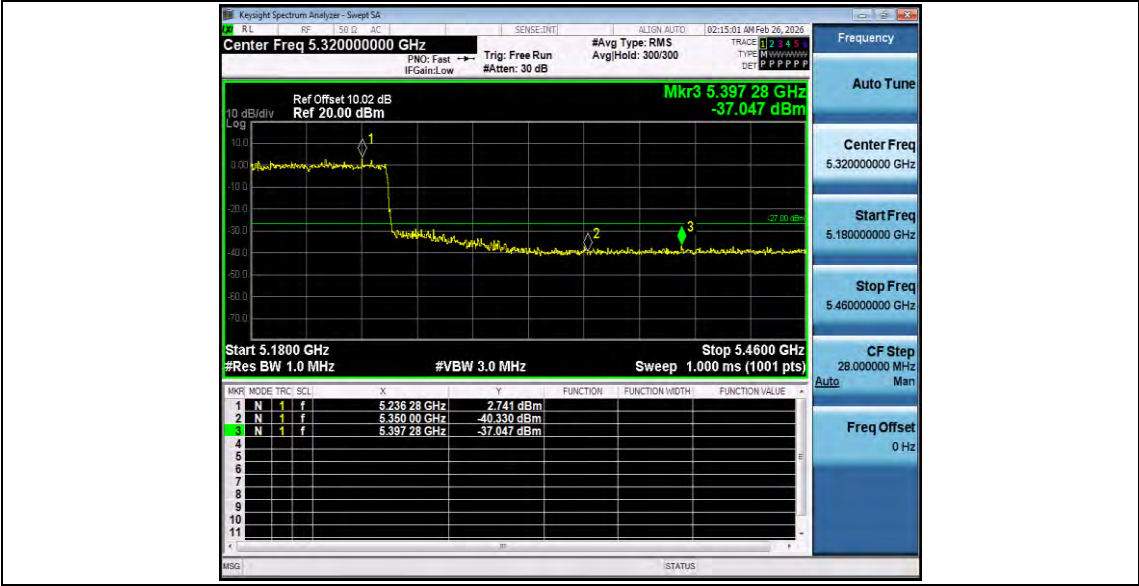
11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190







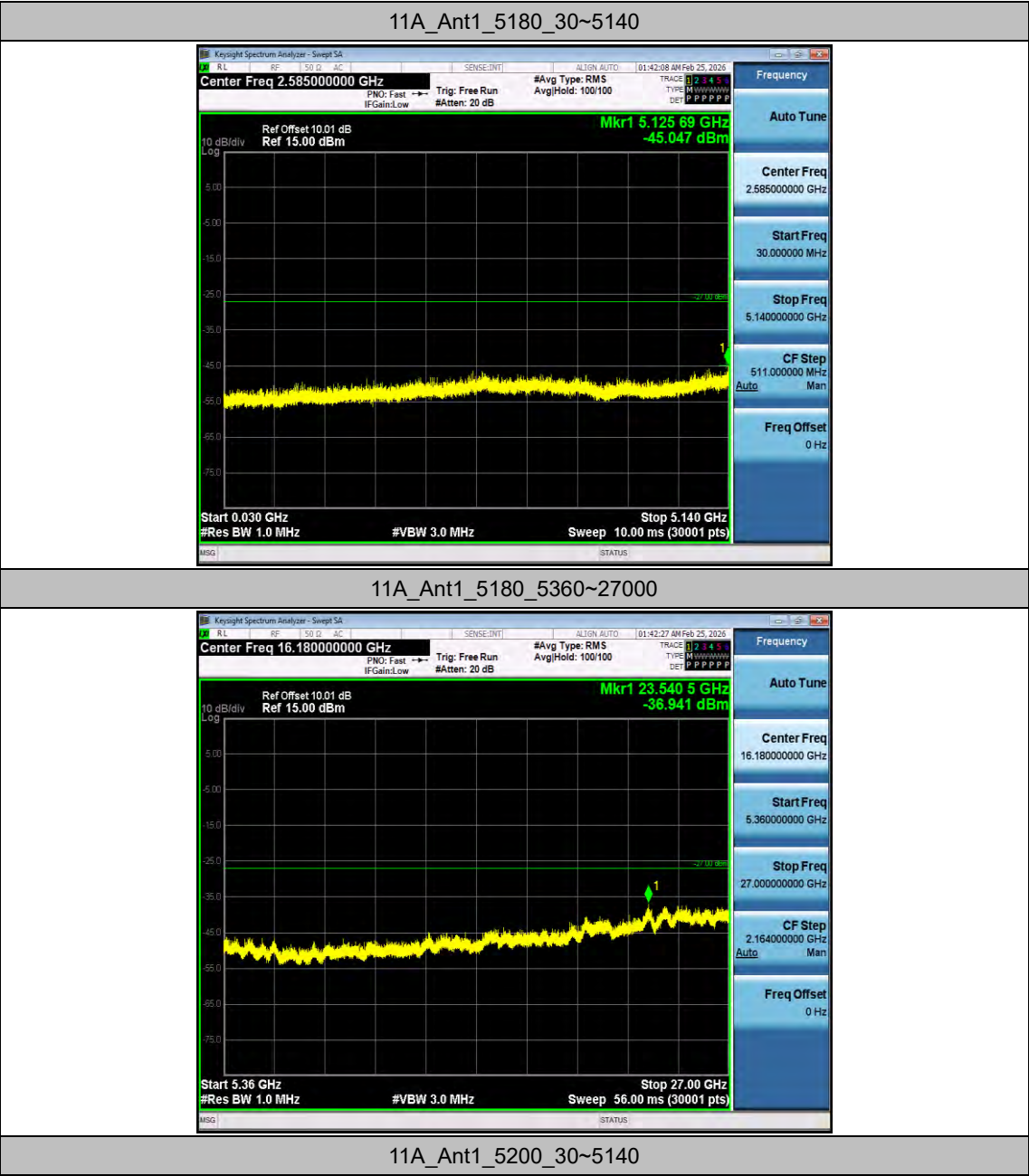
Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5125.69	-45.05	≤-27	PASS
			5360~27000	23540.49	-36.94	≤-27	PASS
		5200	30~5140	4931.68	-46.14	≤-27	PASS
			5360~27000	26751.14	-37.29	≤-27	PASS
		5240	30~5140	5007.65	-46.5	≤-27	PASS
			5360~27000	26041.35	-36.66	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5131.14	-41.13	≤-27	PASS
			5360~27000	26529.69	-36.82	≤-27	PASS
		5200	30~5140	4946.33	-46.25	≤-27	PASS
			5360~27000	24254.61	-36.85	≤-27	PASS
		5240	30~5140	4972.22	-46.54	≤-27	PASS
			5360~27000	25374.84	-37.05	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5137.96	-38.39	≤-27	PASS
			5360~27000	24827.34	-37.05	≤-27	PASS
		5230	30~5140	5106.96	-46.21	≤-27	PASS
			5360~27000	24284.18	-37.64	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5088.05	-46.18	≤-27	PASS
			5360~27000	26663.86	-37.31	≤-27	PASS
		5200	30~5140	3555.56	-46.19	≤-27	PASS
			5360~27000	23485.66	-37.3	≤-27	PASS
		5240	30~5140	3246.75	-46.56	≤-27	PASS
			5360~27000	26564.31	-37.07	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.3	-33.44	≤-27	PASS
			5360~27000	24251.72	-36.61	≤-27	PASS
		5230	30~5140	5057.73	-45.74	≤-27	PASS
			5360~27000	24870.62	-37.23	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5115.13	-37.05	≤-27	PASS
			5360~27000	26688.38	-37.36	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	2633.55	-46.32	≤-27	PASS
			5360~27000	24889.38	-36.48	≤-27	PASS
		5200	30~5140	5115.3	-46.1	≤-27	PASS
			5360~27000	24248.83	-36.76	≤-27	PASS
		5240	30~5140	3054.1	-46.85	≤-27	PASS
			5360~27000	24288.51	-37.32	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5139.66	-41.47	≤-27	PASS
			5360~27000	26887.47	-36.82	≤-27	PASS

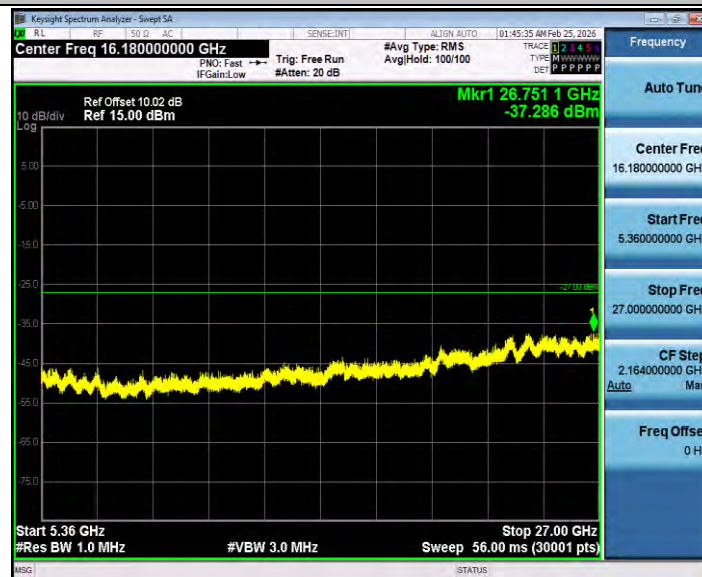
		5230	30~5140	5137.1	-45.94	≤-27	PASS
			5360~27000	23515.24	-36.44	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5138.3	-34.61	≤-27	PASS
			5360~27000	25519.82	-35.96	≤-27	PASS

Test Graphs





11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



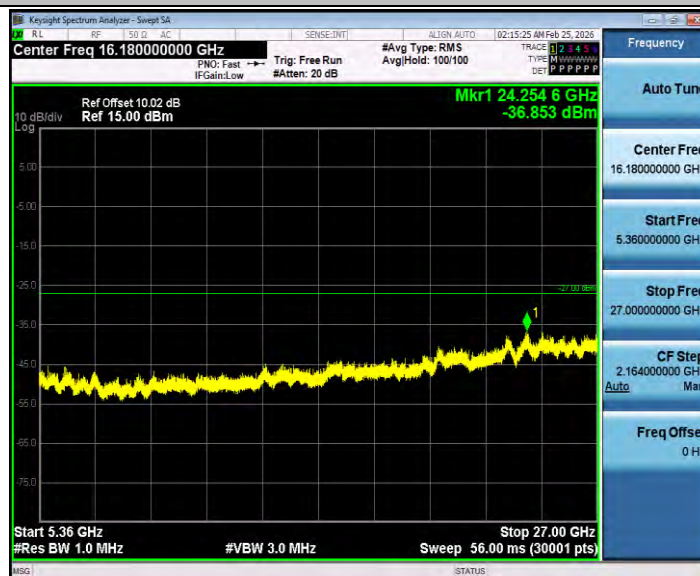
11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



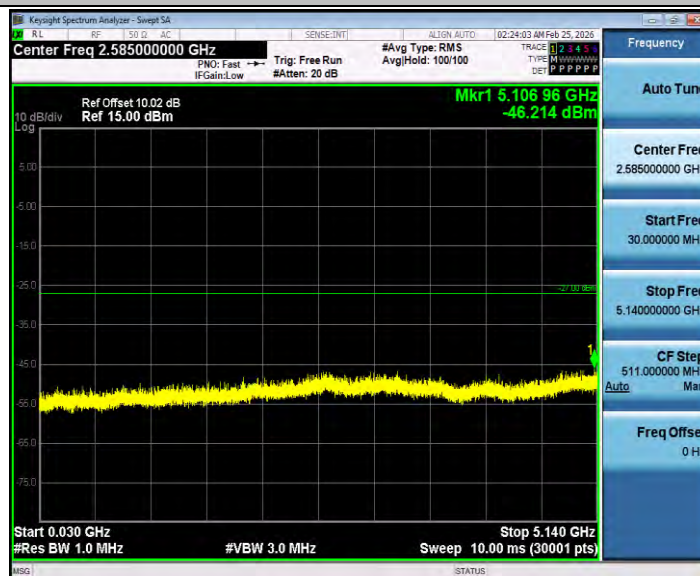
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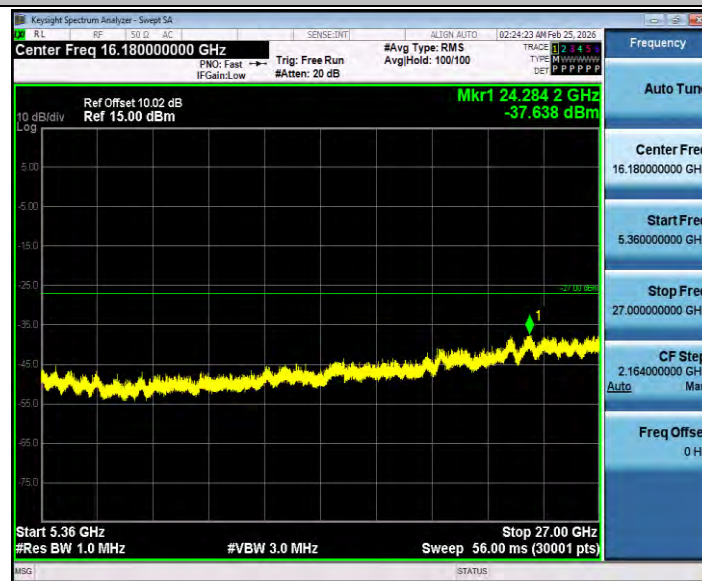
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11N40SISO_Ant1_5230_30~5140



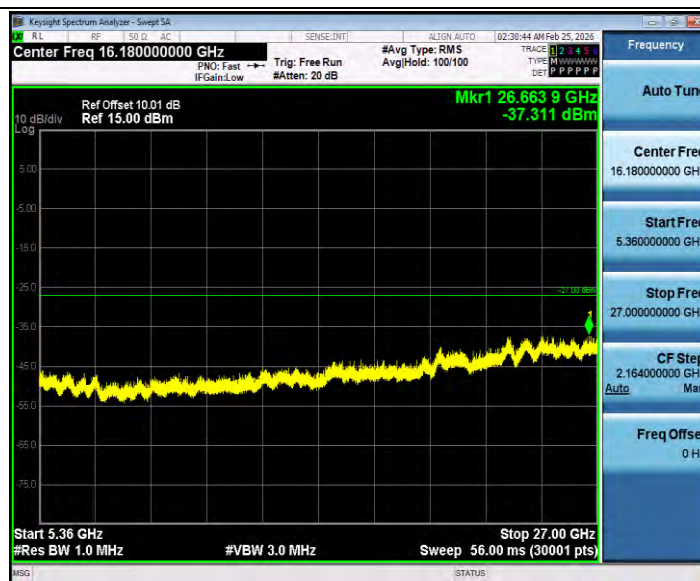
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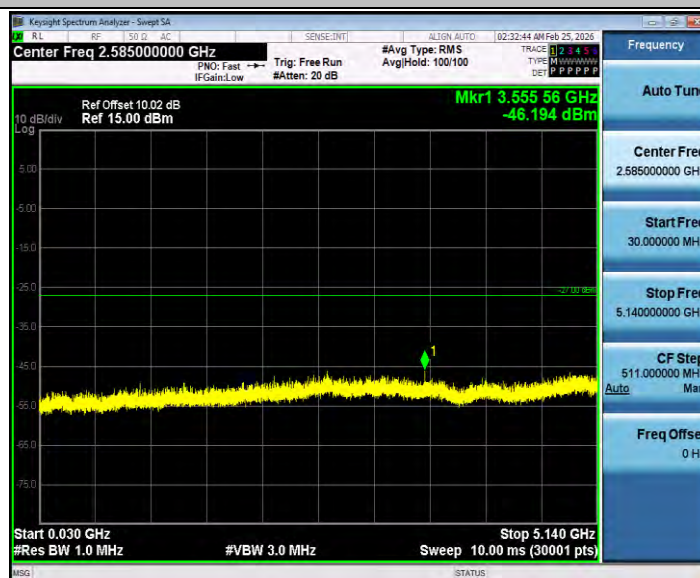
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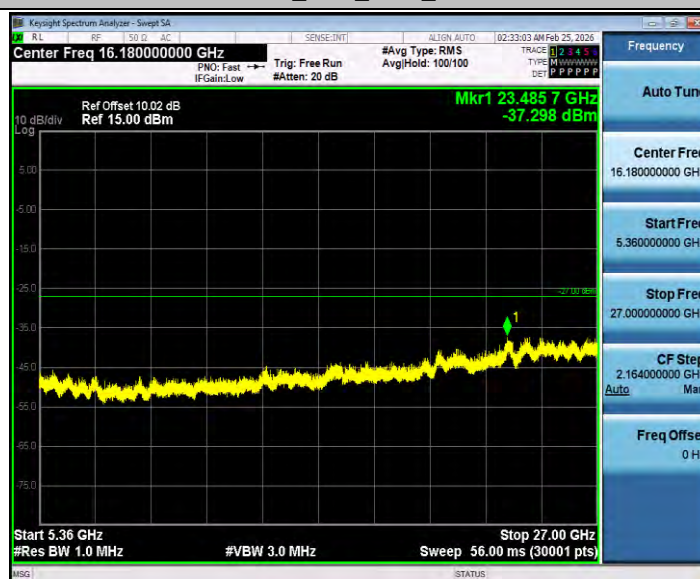
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11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



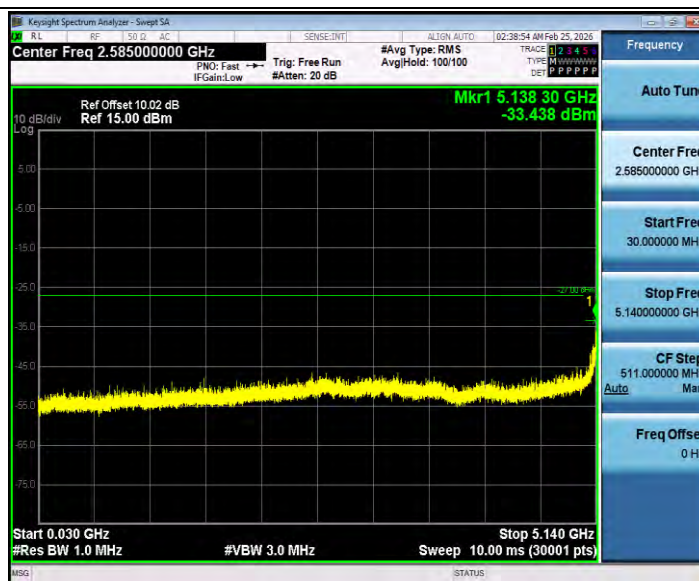
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140





11AX20SISO_Ant1_5180_30~5140



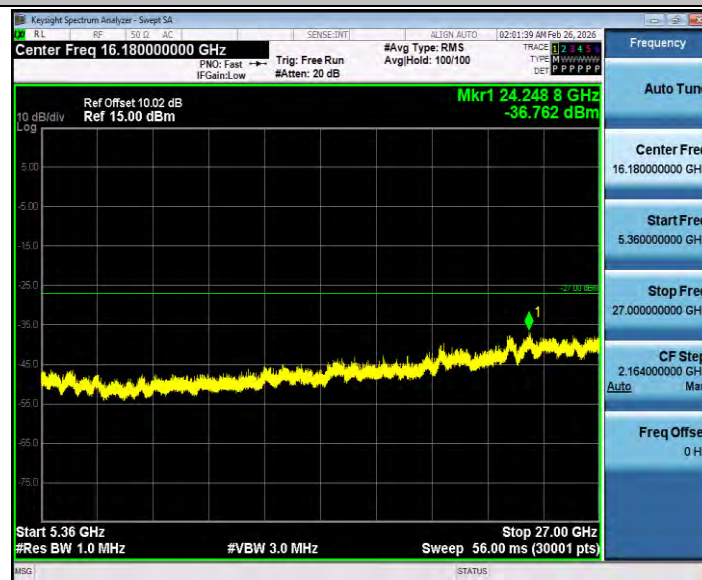
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11AX20SISO_Ant1_5200_30~5140



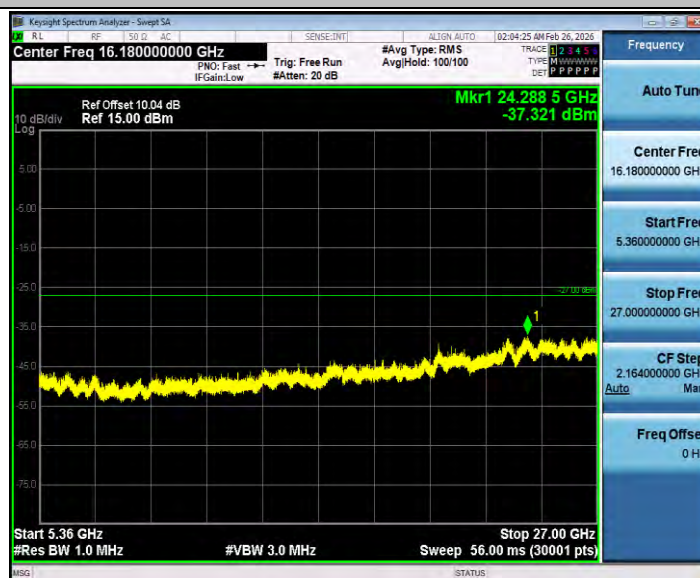
11AX20SISO_Ant1_5200_5360~27000



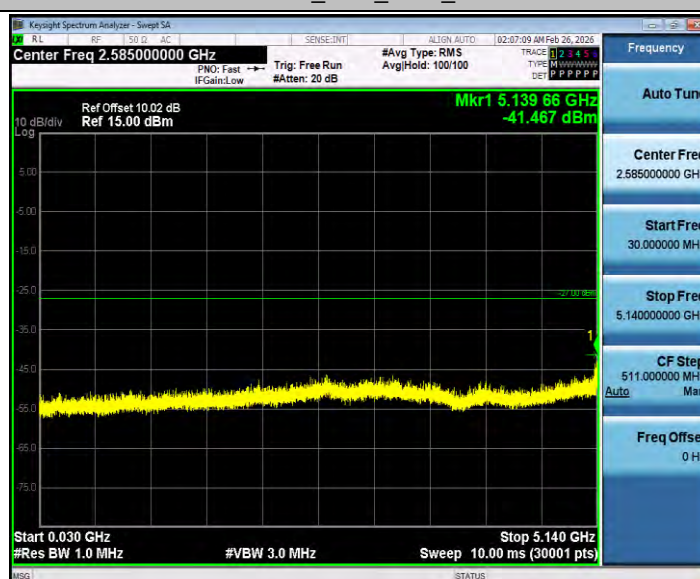
11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~27000



11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~27000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

