

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	Ant1	5180	10.39	78.95	1.03	11.42	≤23.98	PASS
		5200	10.74	73.68	1.33	12.07	≤23.98	PASS
		5240	10.37	73.68	1.33	11.70	≤23.98	PASS
11N20SISO	Ant1	5180	10.63	78.26	1.06	11.69	≤23.98	PASS
		5200	10.78	81.82	0.87	11.65	≤23.98	PASS
		5240	10.48	78.26	1.06	11.54	≤23.98	PASS
11N40SISO	Ant1	5190	10.68	81.82	0.87	11.55	≤23.98	PASS
		5230	10.65	81.82	0.87	11.52	≤23.98	PASS
11AC20SISO	Ant1	5180	10.58	80.95	0.92	11.50	≤23.98	PASS
		5200	10.71	76.19	1.18	11.89	≤23.98	PASS
		5240	10.43	80.95	0.92	11.35	≤23.98	PASS
11AC40SISO	Ant1	5190	10.63	78.26	1.06	11.69	≤23.98	PASS
		5230	10.42	80.00	0.97	11.39	≤23.98	PASS
11AC80SISO	Ant1	5210	10.74	76.19	1.18	11.92	≤23.98	PASS
11AX20SISO	Ant1	5180	10.78	83.87	0.76	11.54	≤23.98	PASS
		5200	10.86	83.87	0.76	11.62	≤23.98	PASS
		5240	10.61	84.38	0.74	11.35	≤23.98	PASS
11AX40SISO	Ant1	5190	10.35	78.26	1.06	11.41	≤23.98	PASS
		5230	10.38	78.26	1.06	11.44	≤23.98	PASS
11AX80SISO	Ant1	5210	10.58	78.26	1.06	11.64	≤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	Ant1	5180	0.62	≤11.00	PASS
		5200	1.24	≤11.00	PASS
		5240	0.96	≤11.00	PASS
11N20SISO	Ant1	5180	0.82	≤11.00	PASS
		5200	0.83	≤11.00	PASS
		5240	0.73	≤11.00	PASS
11N40SISO	Ant1	5190	-2.41	≤11.00	PASS
		5230	-2.61	≤11.00	PASS
11AC20SISO	Ant1	5180	0.66	≤11.00	PASS
		5200	1.12	≤11.00	PASS
		5240	0.59	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.24	≤11.00	PASS
		5230	-2.78	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.88	≤11.00	PASS
11AX20SISO	Ant1	5180	0.26	≤11.00	PASS
		5200	0.44	≤11.00	PASS
		5240	0.19	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.76	≤11.00	PASS
		5230	-2.87	≤11.00	PASS
11AX80SISO	Ant1	5210	-5.48	≤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_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



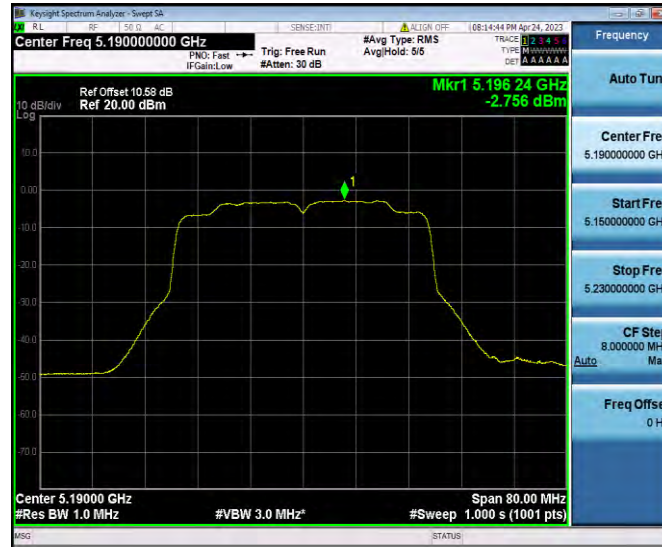
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



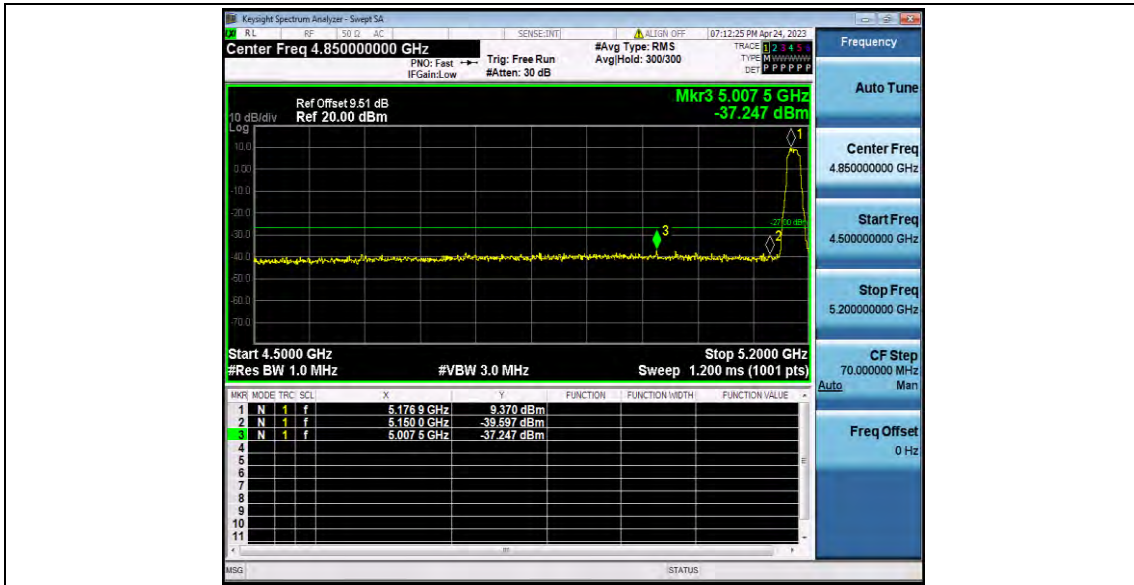
11AX80SISO_Ant1_5210

Appendix D.6: Band edge measurements

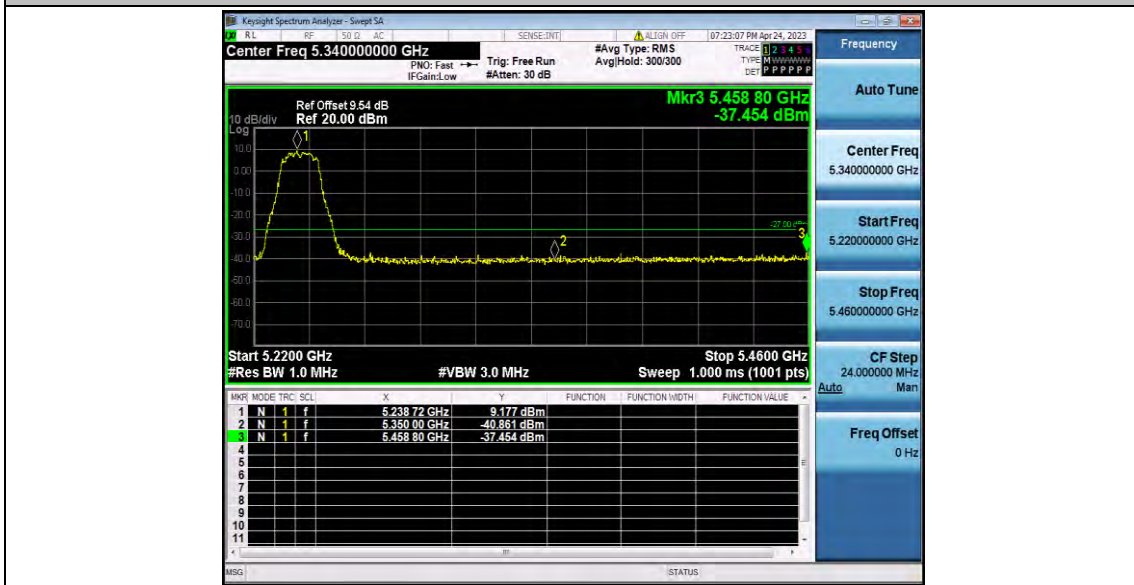
Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.25	≤-27	PASS
		High	5240	-37.45	≤-27	PASS
11N20SISO	Ant1	Low	5180	-38.03	≤-27	PASS
		High	5240	-38.01	≤-27	PASS
11N40SISO	Ant1	Low	5190	-37.45	≤-27	PASS
		High	5230	-38.01	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-36.01	≤-27	PASS
		High	5240	-38.09	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-37.55	≤-27	PASS
		High	5230	-37.7	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-36.16	≤-27	PASS
		High	5210	-37.84	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-38.14	≤-27	PASS
		High	5240	-37.23	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-37.92	≤-27	PASS
		High	5230	-37.82	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-37.95	≤-27	PASS
		High	5210	-37.96	≤-27	PASS

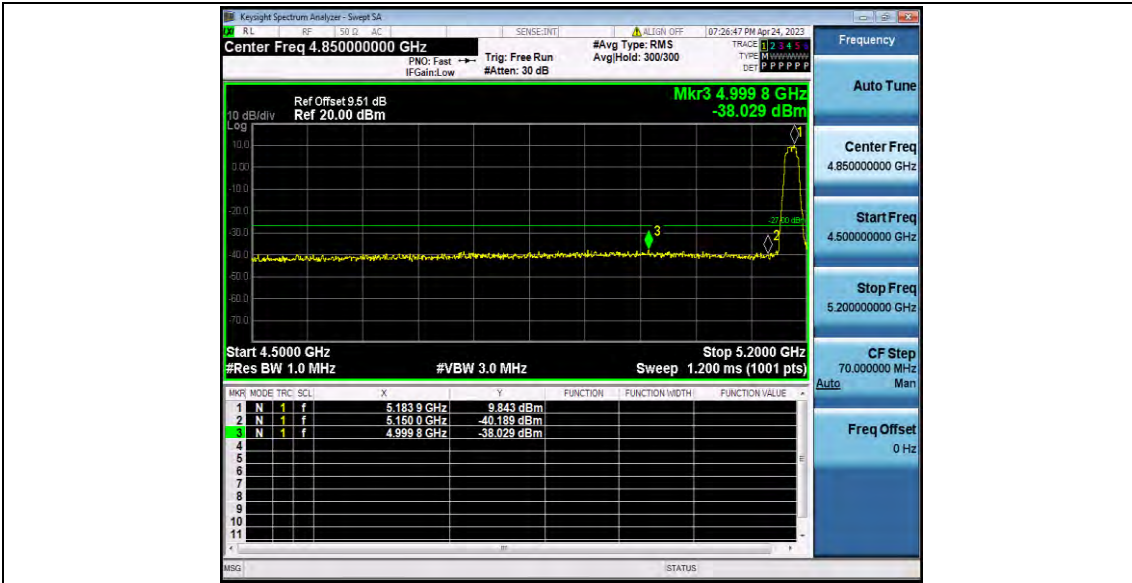
Test Graphs B1



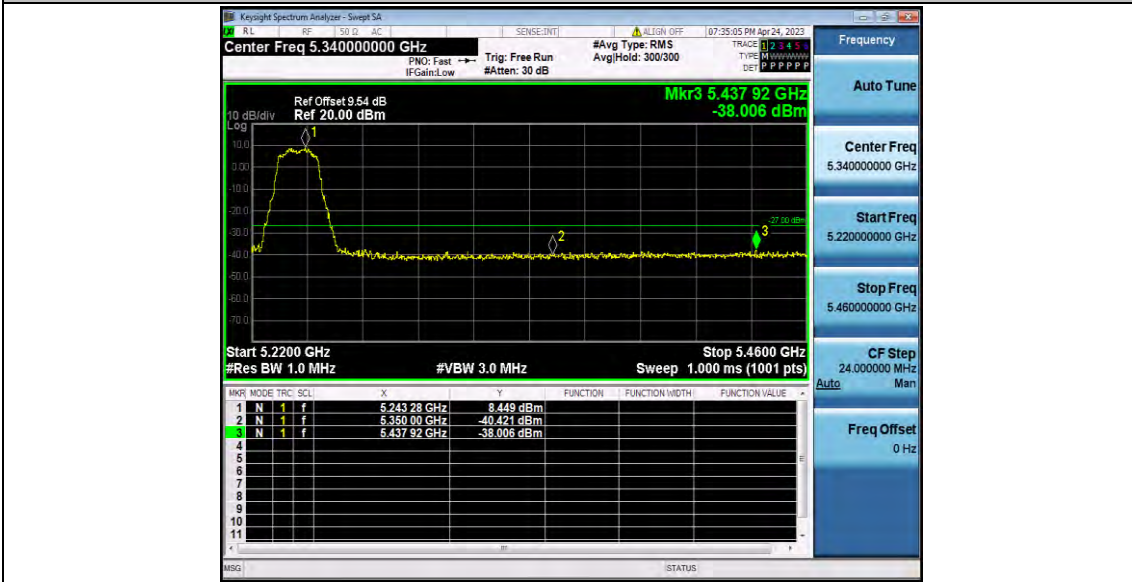
11A_Ant1_Low_5180



11A_Ant1_High_5240



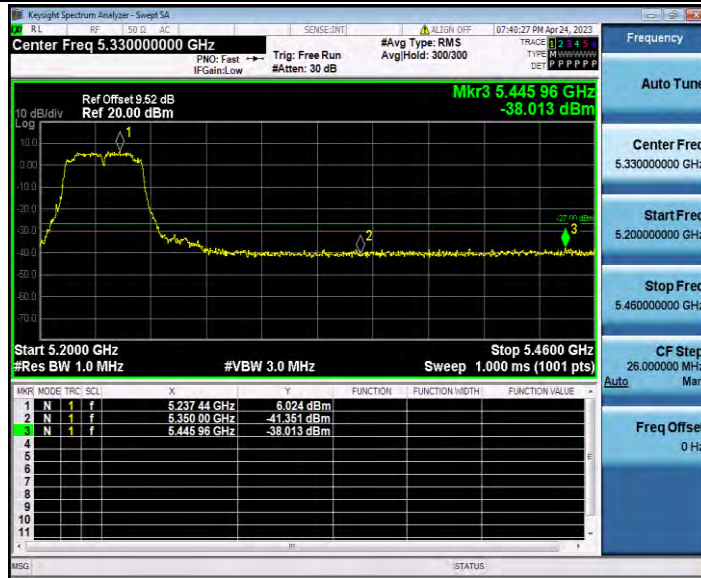
11N20SISO_Ant1_Low_5180



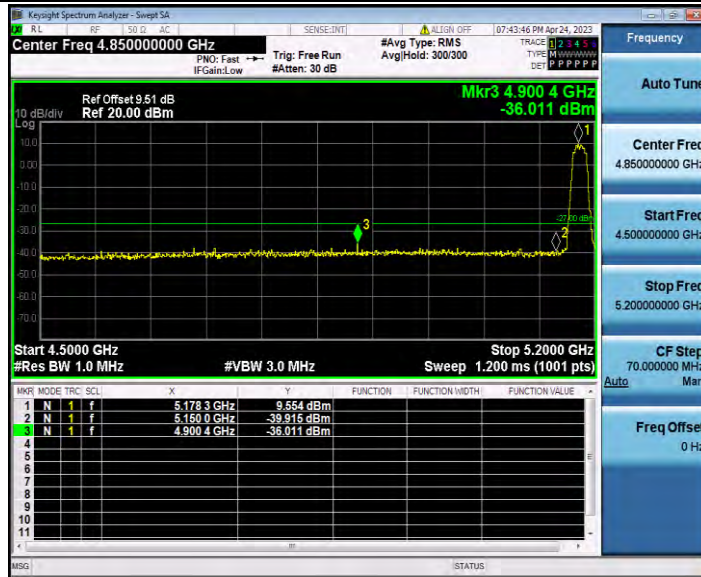
11N20SISO_Ant1_High_5240



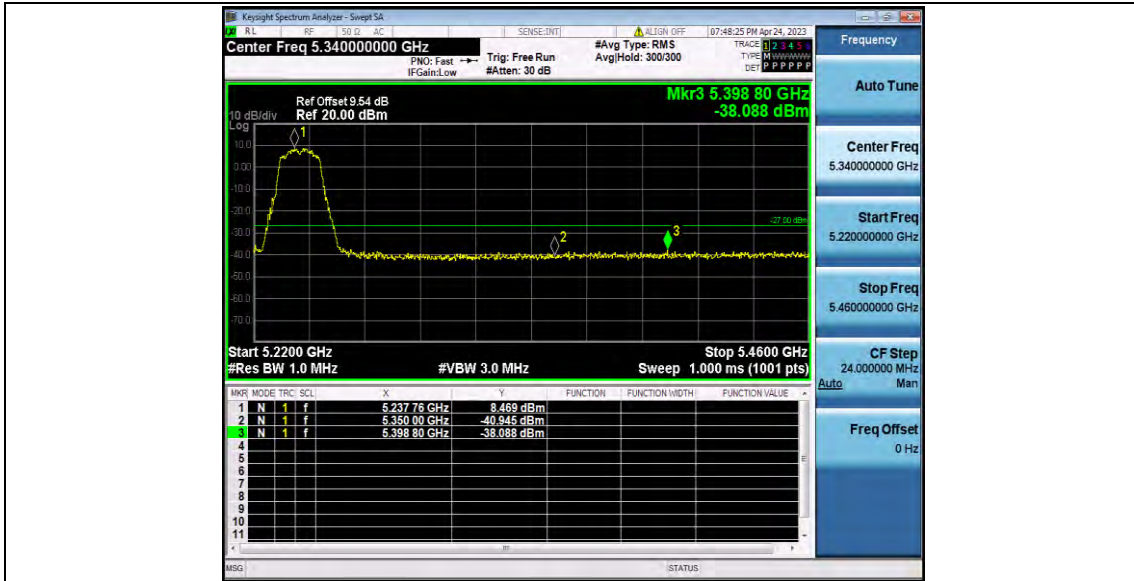
11N40SISO_Ant1_Low_5190



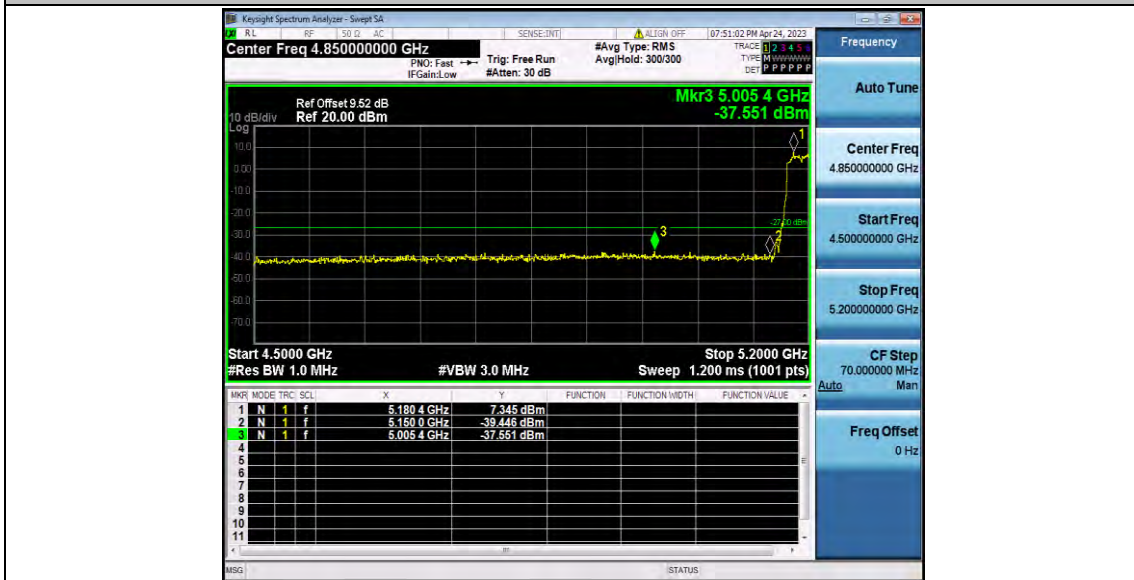
11N40SISO_Ant1_High_5230



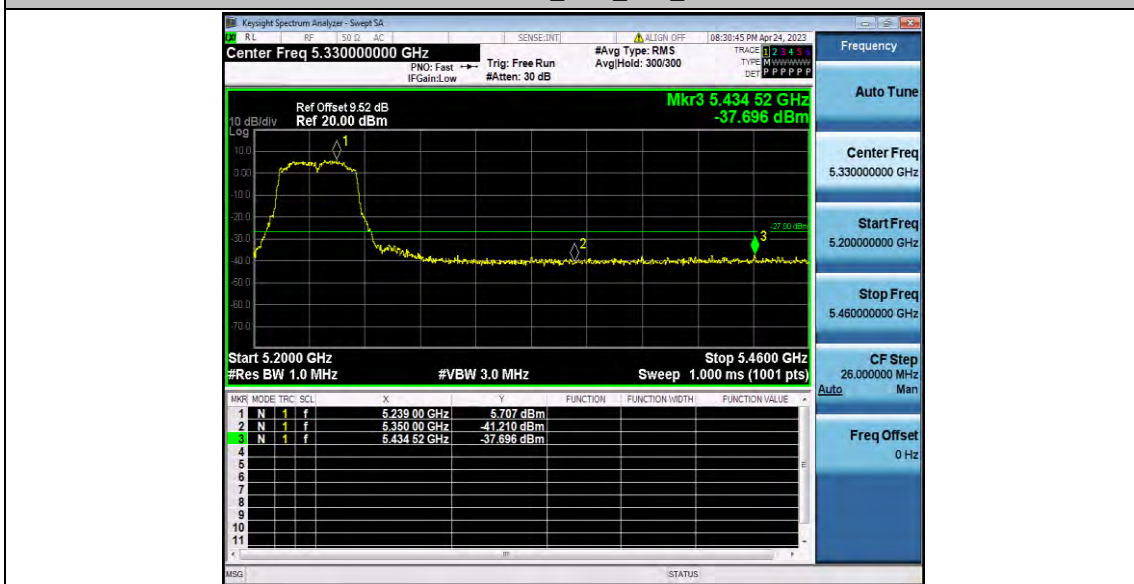
11AC20SISO_Ant1_Low_5180



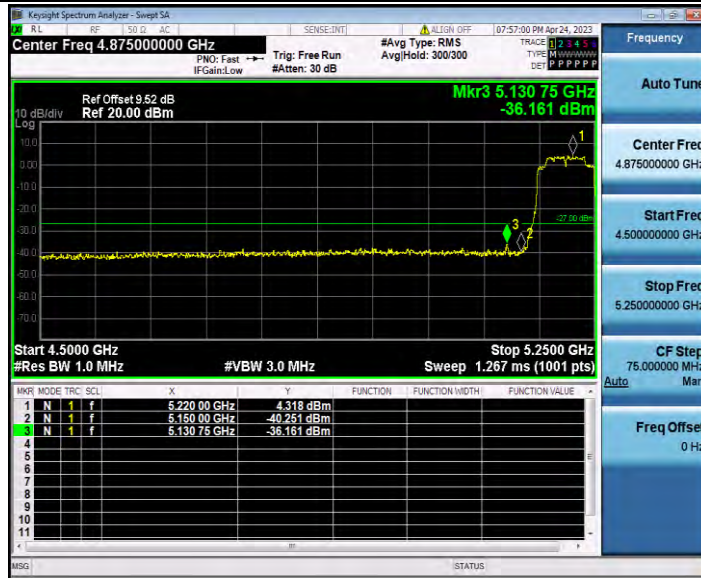
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



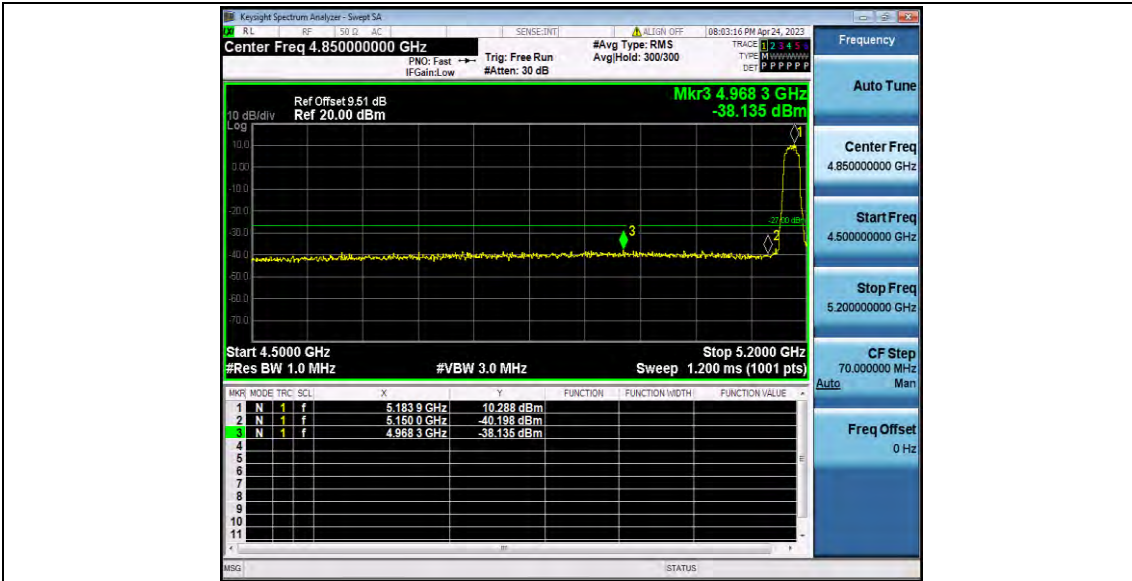
11AC40SISO_Ant1_High_5230



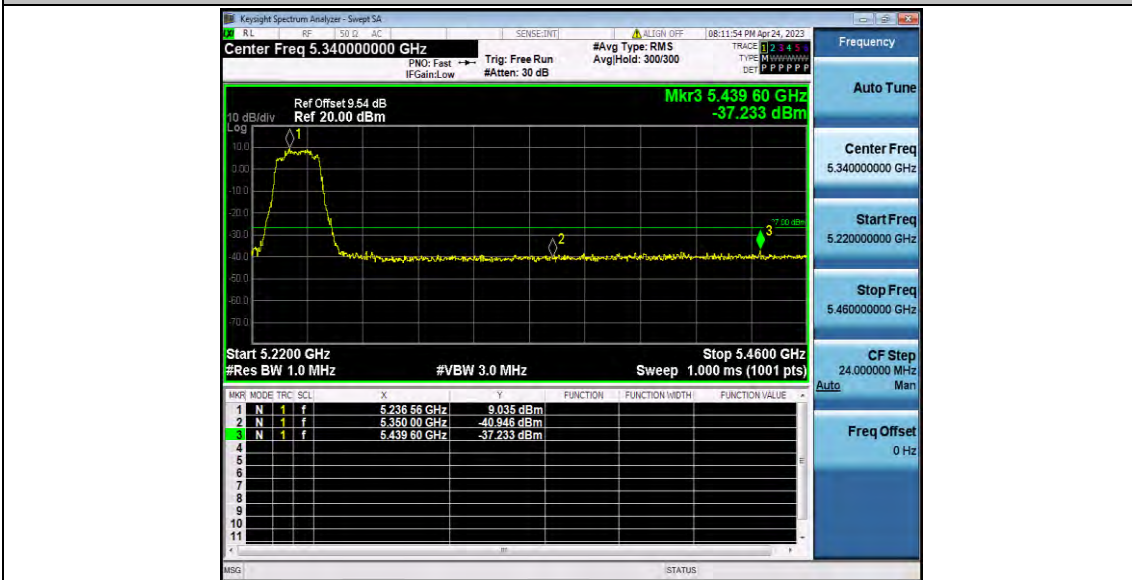
11AC80SISO_Ant1_Low_5210



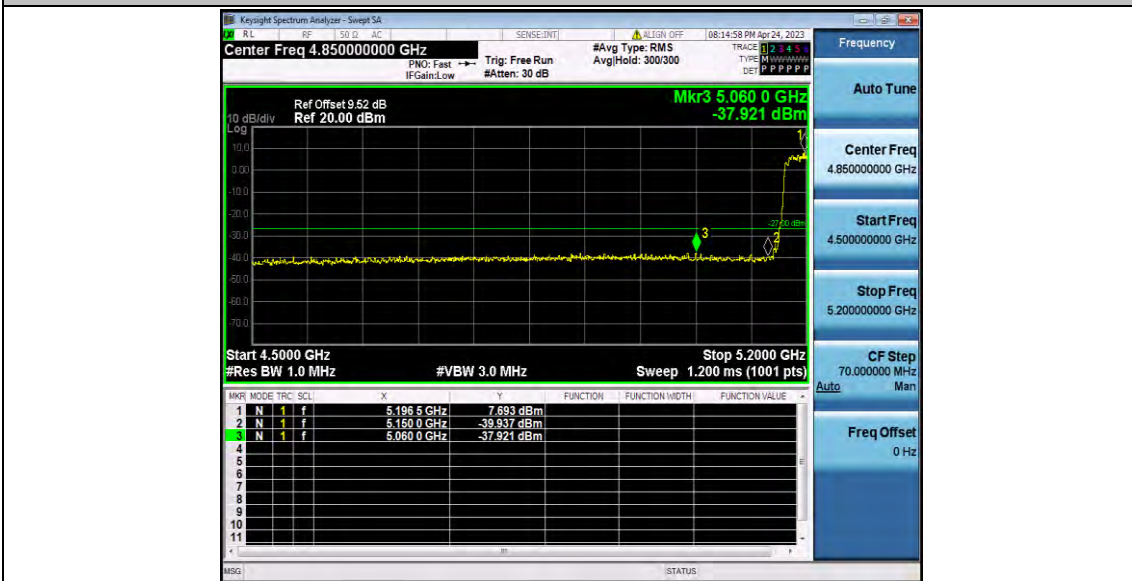
11AC80SISO_Ant1_High_5210



11AX20SISO_Ant1_Low_5180



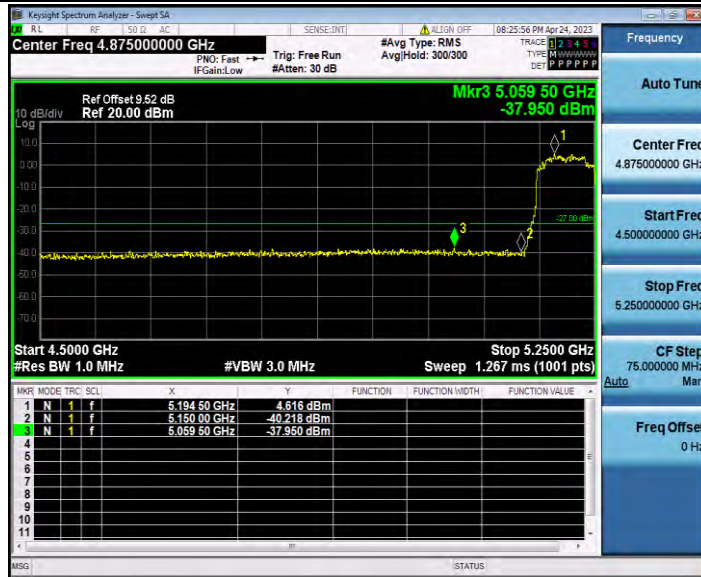
11AX20SISO_Ant1_High_5240



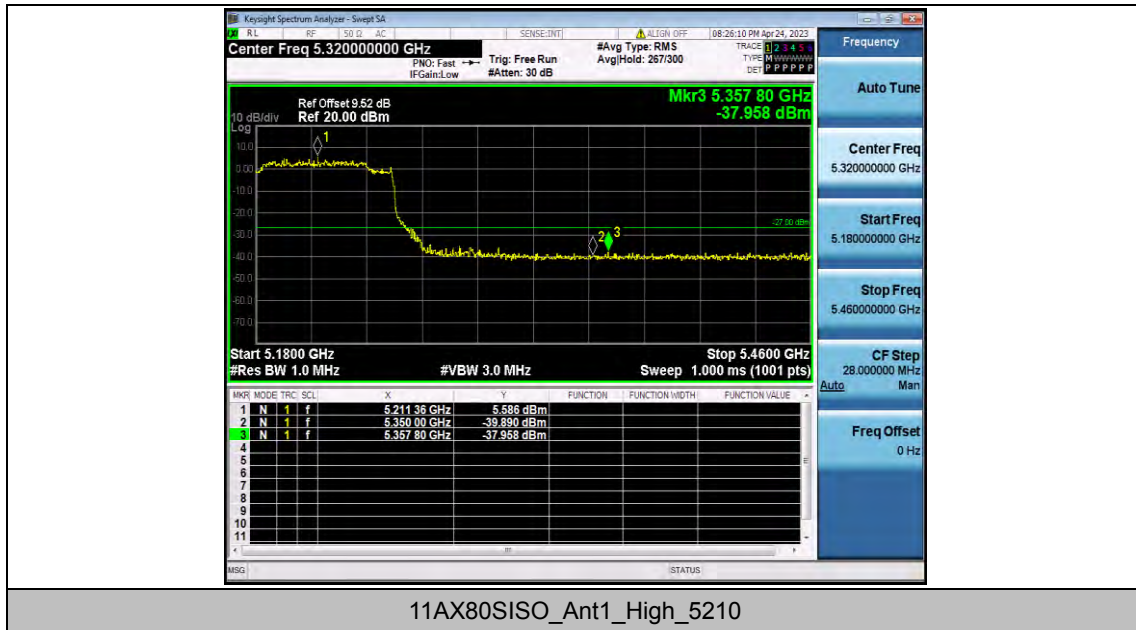
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210

Appendix D.7: Conducted Spurious Emission

Test Result

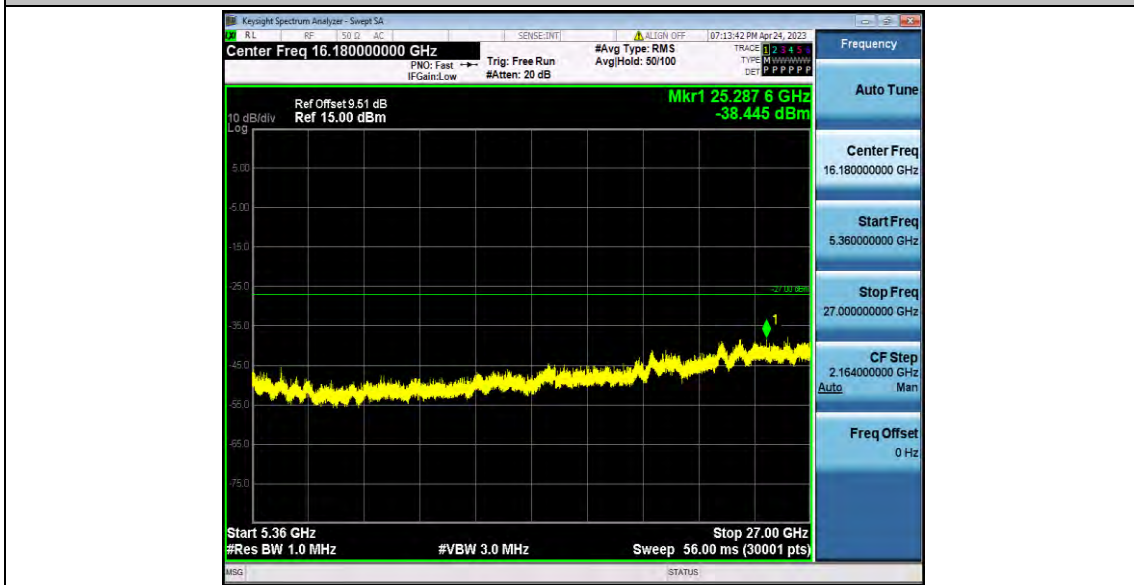
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4981.08	-47.47	≤-27	PASS
			5360~40000	25287.55	-38.45	≤-27	PASS
		5200	30~5140	4914.48	-47.28	≤-27	PASS
			5360~40000	24289.23	-38.12	≤-27	PASS
		5240	30~5140	3219.15	-47.57	≤-27	PASS
			5360~40000	24307.26	-38.4	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5136.59	-46.15	≤-27	PASS
			5360~40000	24326.74	-38.28	≤-27	PASS
		5200	30~5140	4935.09	-46.77	≤-27	PASS
			5360~40000	24262.54	-38.05	≤-27	PASS
		5240	30~5140	5054.66	-47.21	≤-27	PASS
			5360~40000	26026.2	-37.57	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4978.01	-45.91	≤-27	PASS
			5360~40000	25204.6	-37.32	≤-27	PASS
		5230	30~5140	3016.8	-46.89	≤-27	PASS
			5360~40000	24900.2	-38.29	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5053.64	-46.65	≤-27	PASS
			5360~40000	24999.02	-38.5	≤-27	PASS
		5200	30~5140	905.68	-41.57	≤-27	PASS
			5360~40000	24315.92	-37.58	≤-27	PASS
		5240	30~5140	5001.18	-46.41	≤-27	PASS
			5360~40000	25159.16	-38.19	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	4927.08	-46.65	≤-27	PASS
			5360~40000	23521.01	-38.52	≤-27	PASS
		5230	30~5140	5042.57	-46.54	≤-27	PASS
			5360~40000	25727.57	-37.9	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5128.76	-42.68	≤-27	PASS
			5360~40000	24219.98	-37.62	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4937.13	-46.57	≤-27	PASS
			5360~40000	24953.58	-37.74	≤-27	PASS
		5200	30~5140	4815.69	-46.85	≤-27	PASS
			5360~40000	24229.36	-37.14	≤-27	PASS
		5240	30~5140	3195.13	-47.25	≤-27	PASS
			5360~40000	24311.59	-38.23	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	2682.94	-46.13	≤-27	PASS
			5360~40000	23620.55	-37.91	≤-27	PASS

		5230	30~5140	2683.45	-46.08	≤ -27	PASS
			5360~40000	23586.65	-38.12	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5127.74	-45.68	≤ -27	PASS
			5360~40000	24276.97	-38.62	≤ -27	PASS

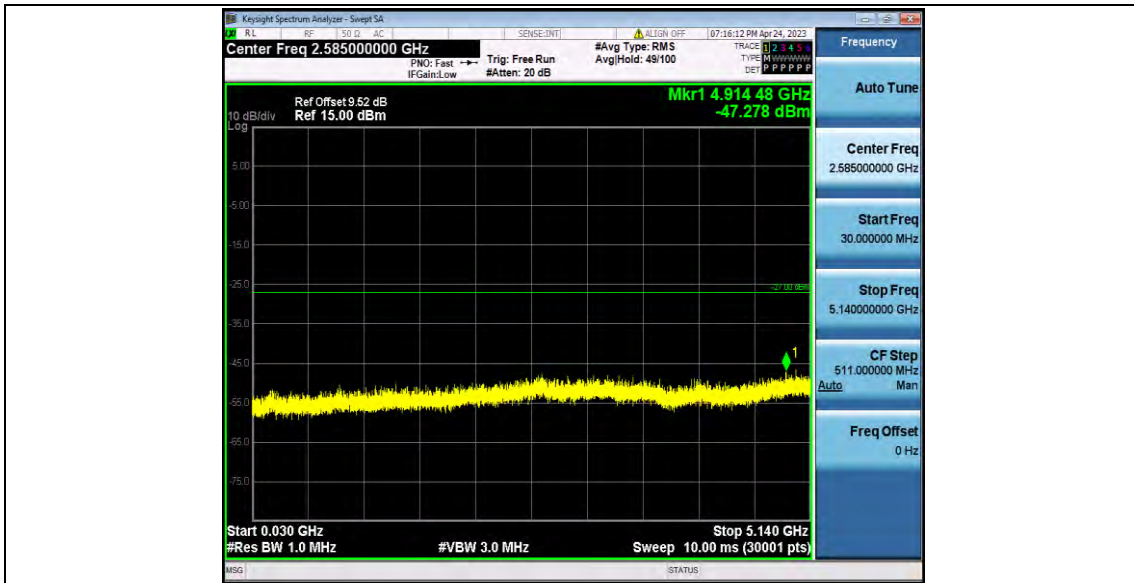
Test Graphs



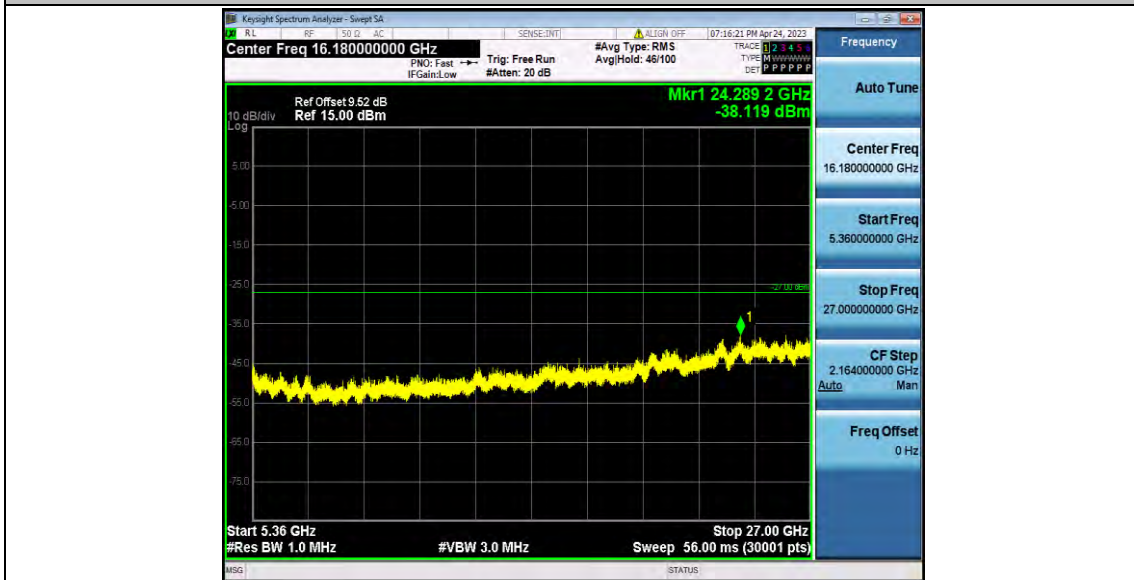
11A_Ant1_5180_30~5140



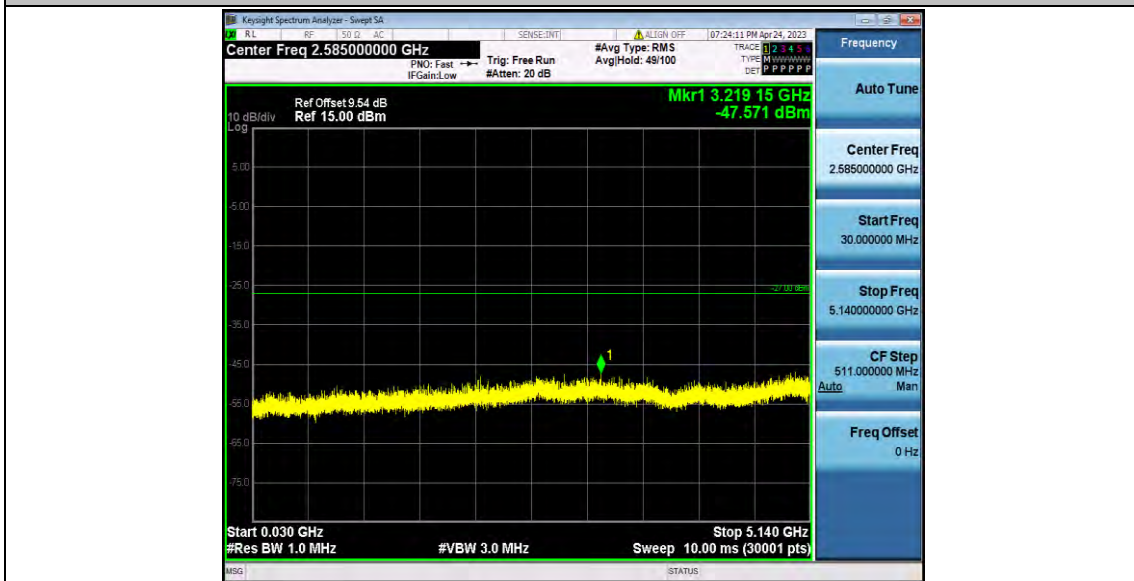
11A_Ant1_5180_5360~40000



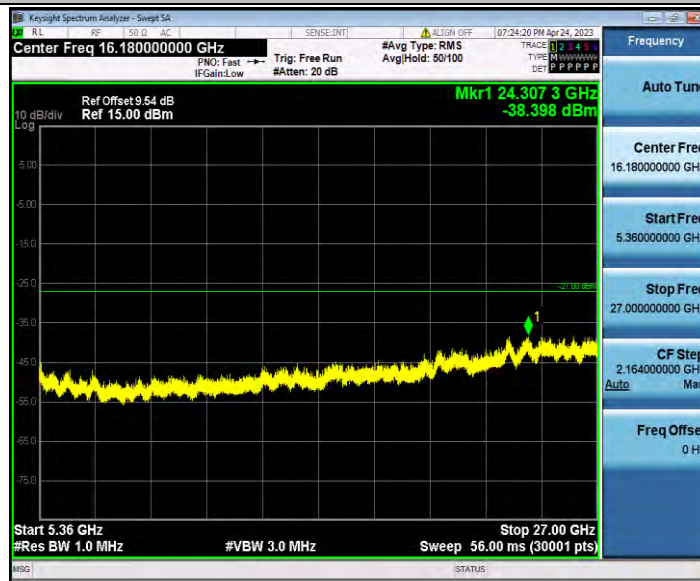
11A_Ant1_5200_30~5140



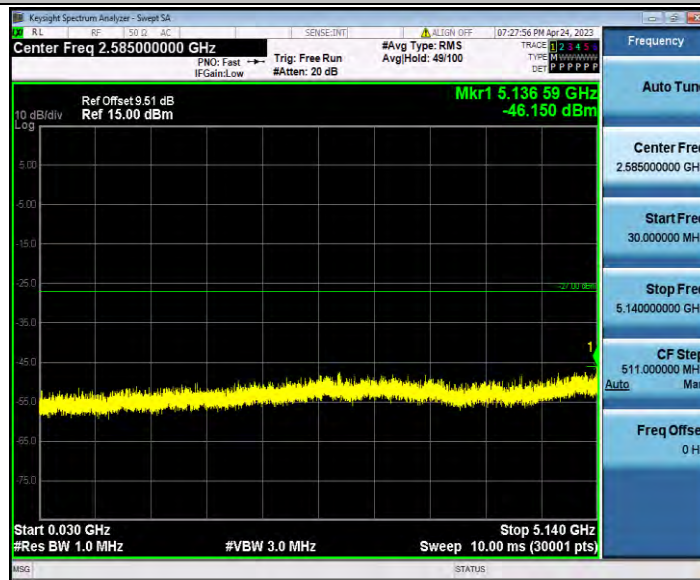
11A_Ant1_5200_5360~40000



11A_Ant1_5240_30~5140



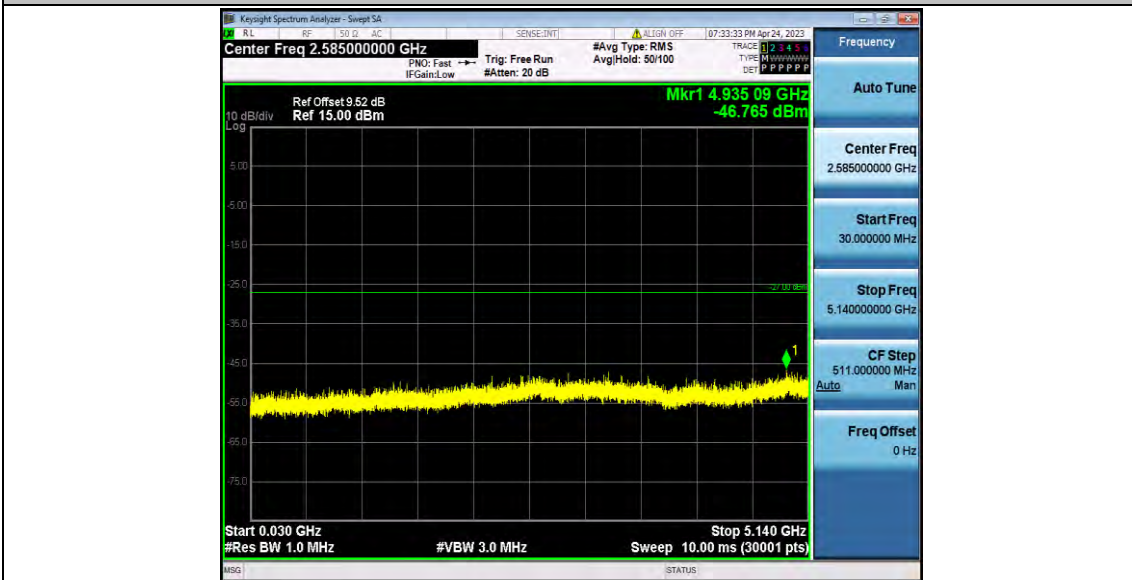
11A_Ant1_5240_5360~40000



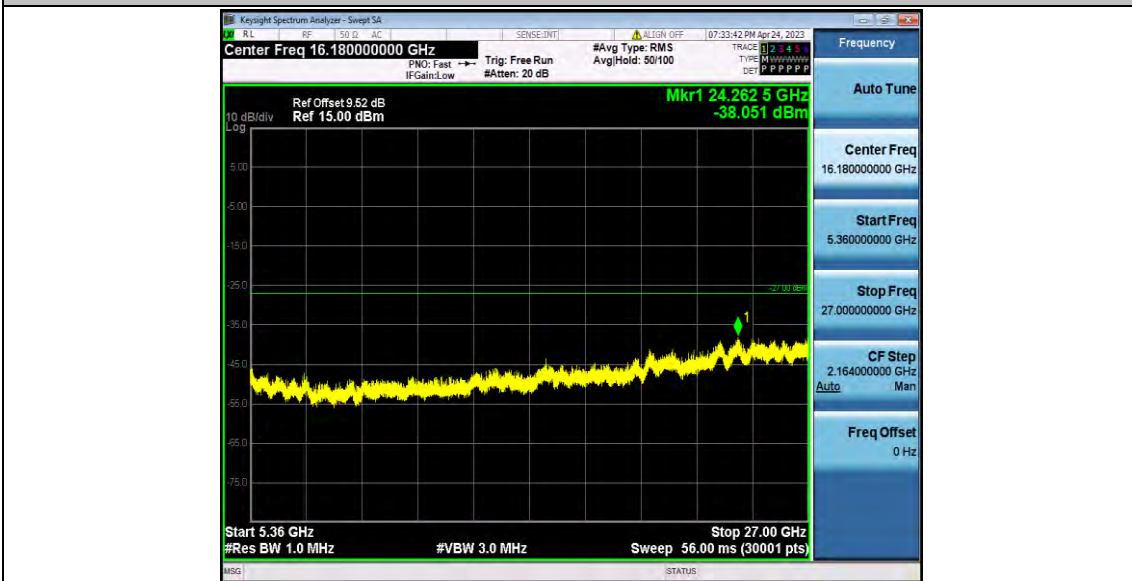
11N20SISO_Ant1_5180_30~5140



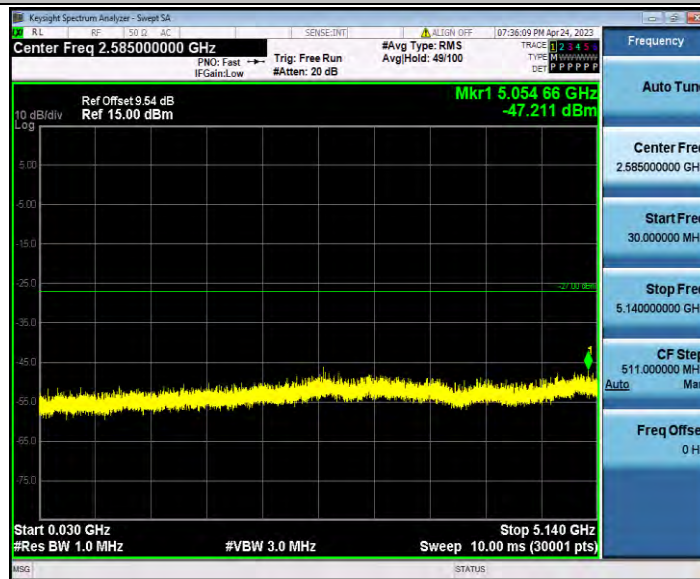
11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



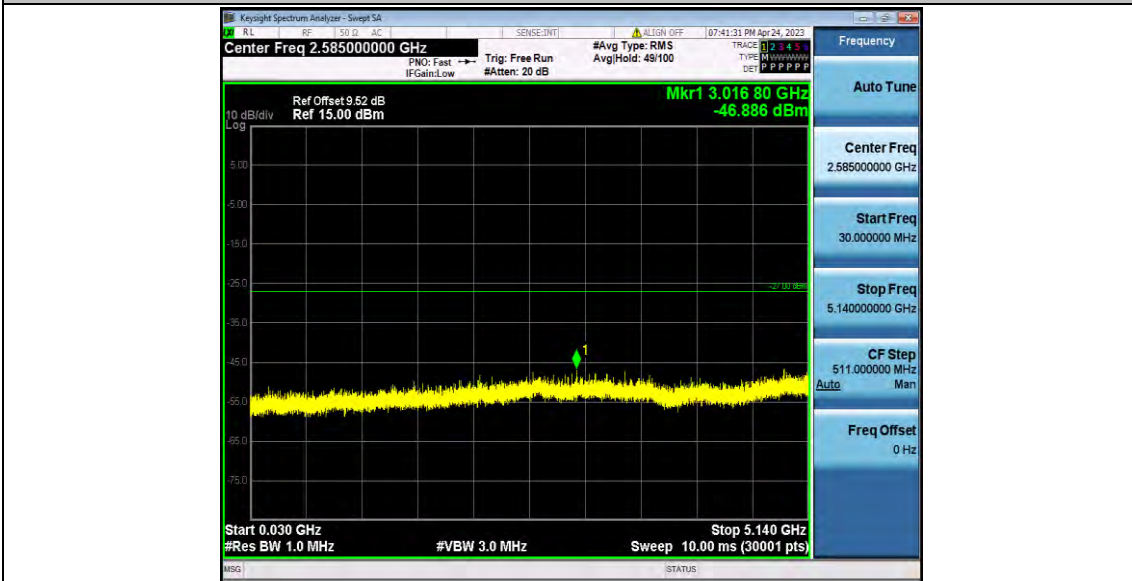
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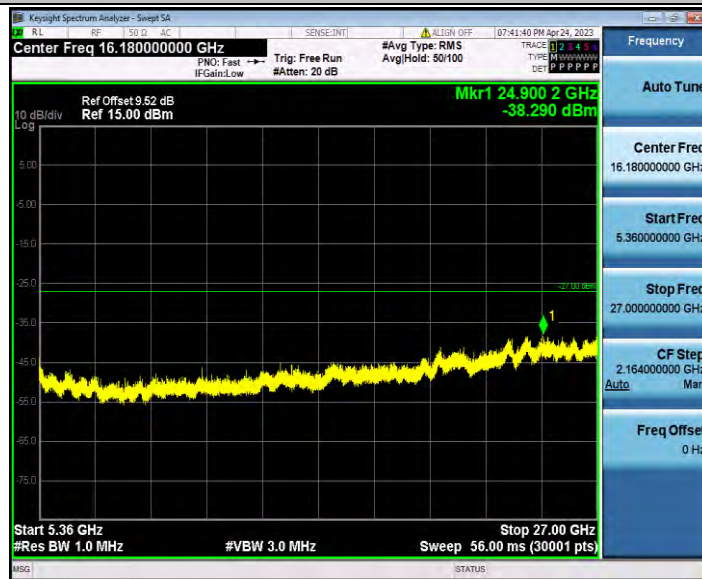
11N40SISO_Ant1_5190_30~5140



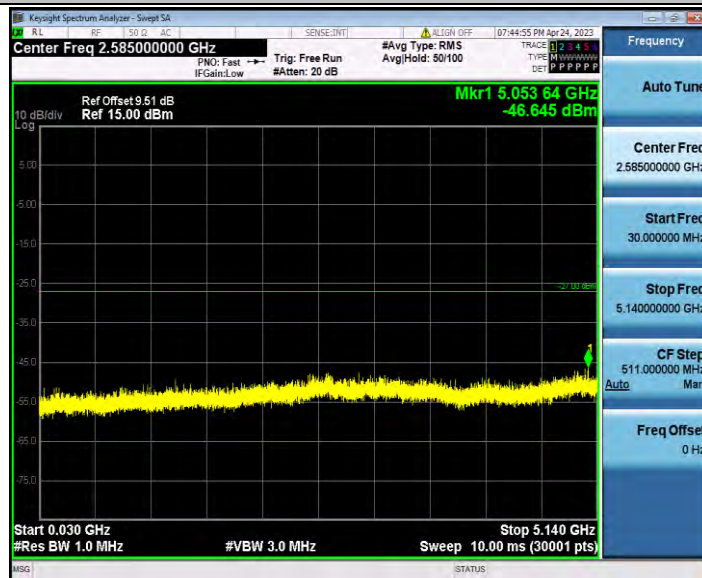
11N40SISO_Ant1_5190_5360~40000



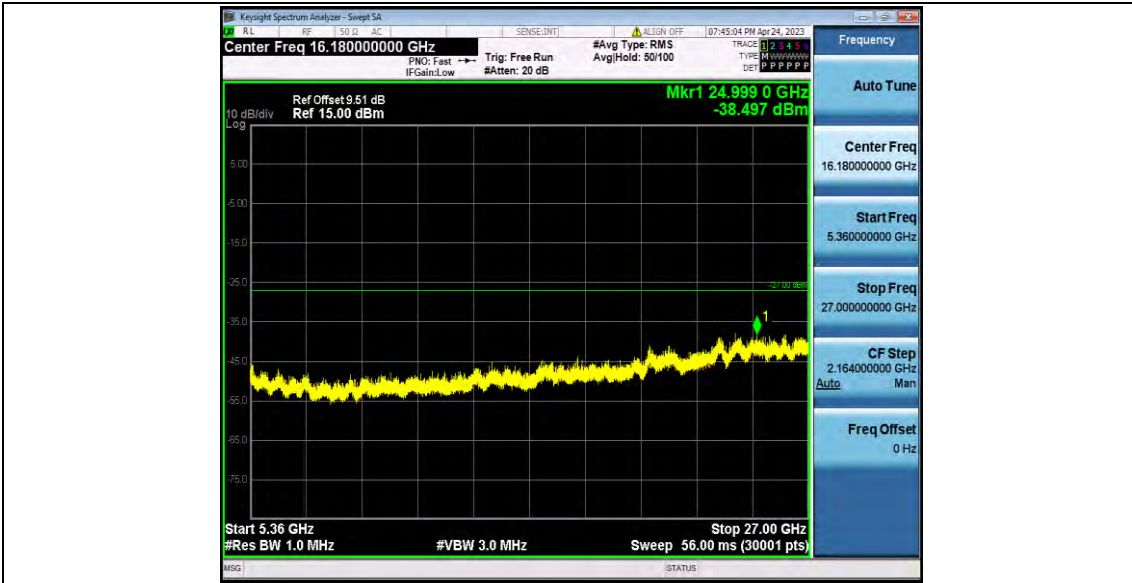
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



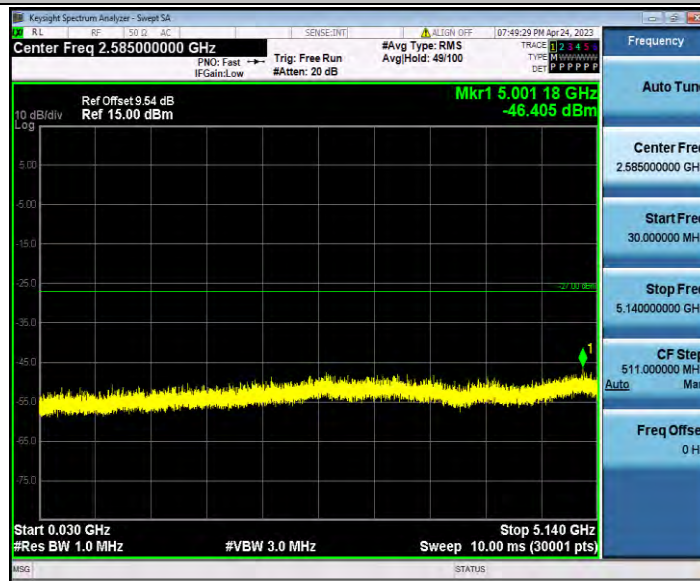
11AC20SISO_Ant1_5180_5360~4000



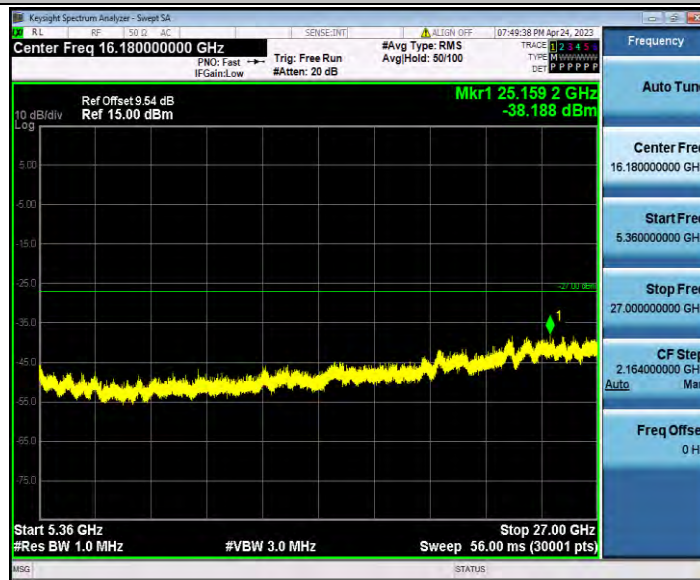
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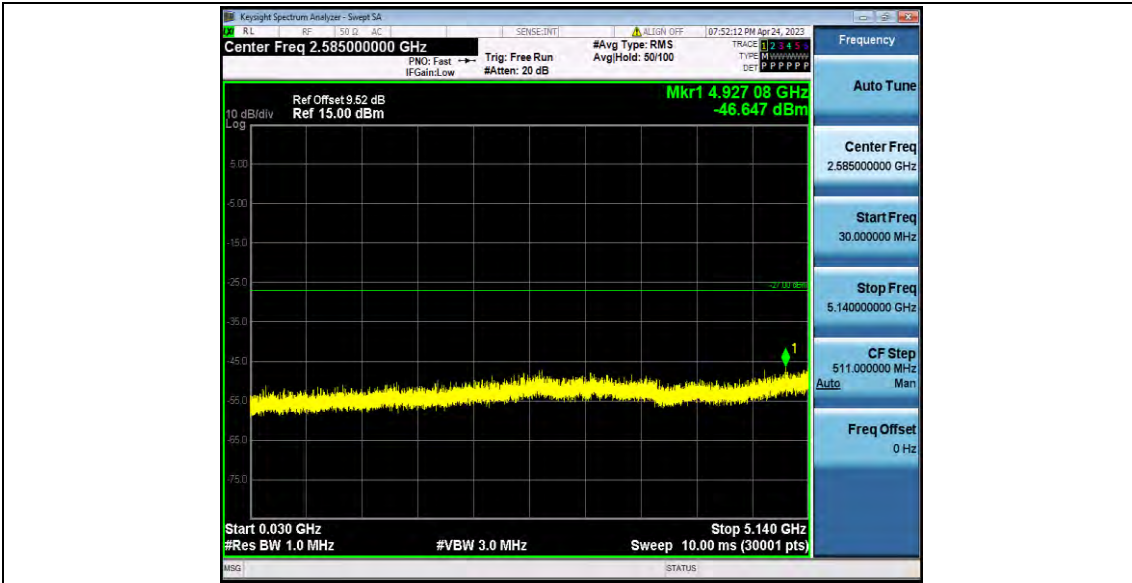
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11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



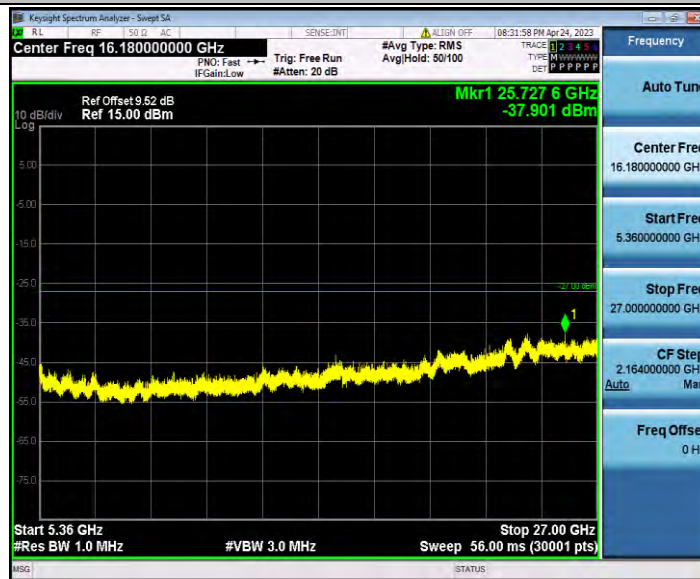
11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~40000



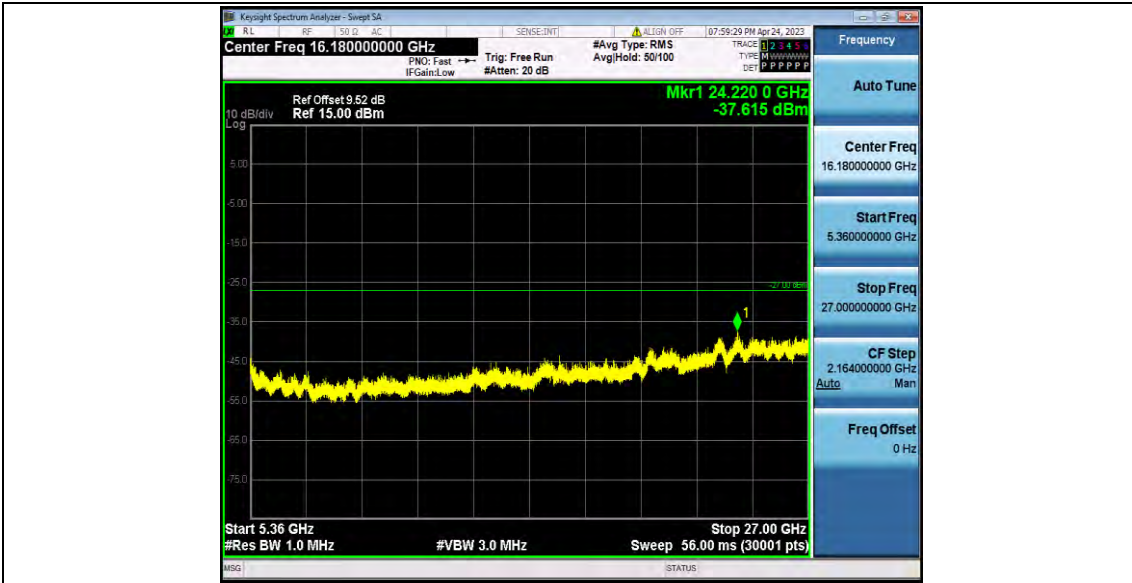
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



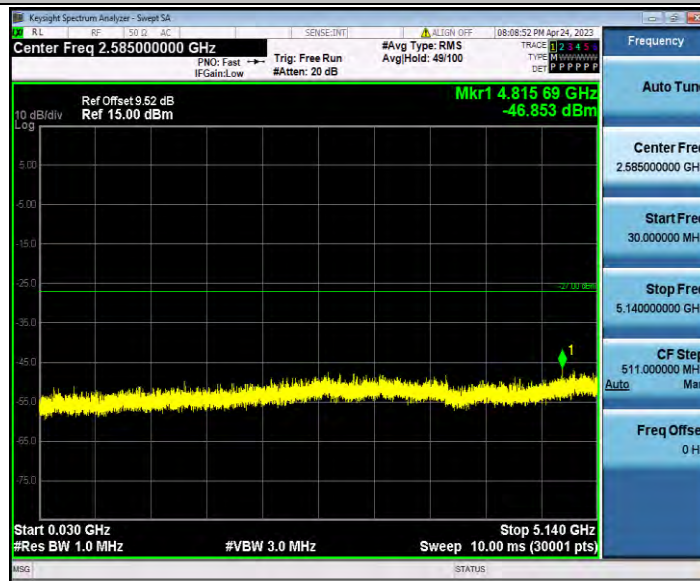
11AC80SISO_Ant1_5210_5360~4000



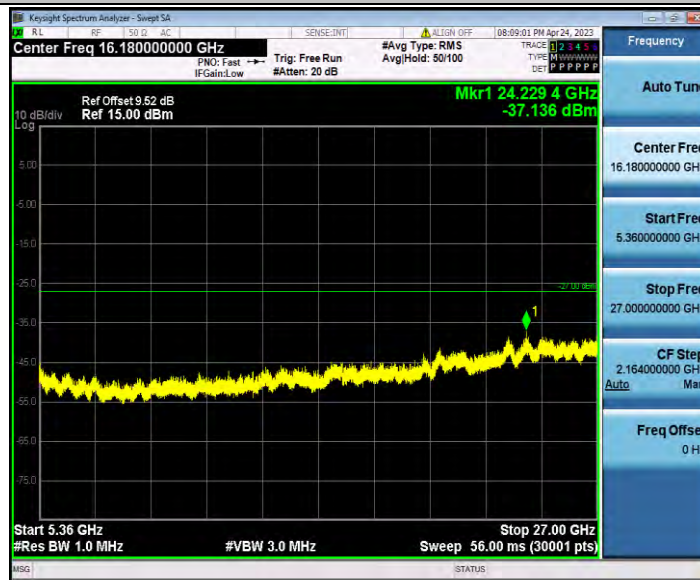
11AX20SISO_Ant1_5180_30~5140



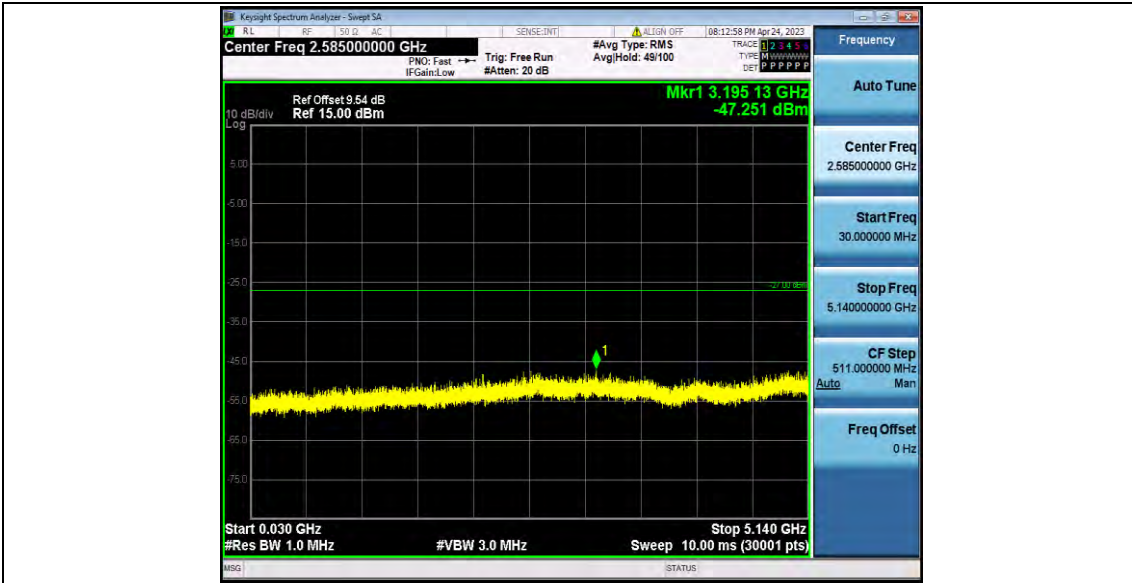
11AX20SISO_Ant1_5180_5360~40000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~40000



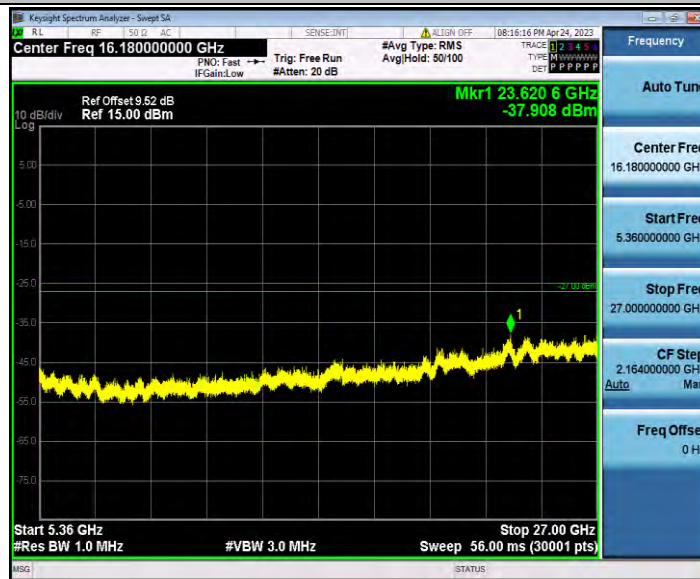
11AX20SISO_Ant1_5240_30~5140



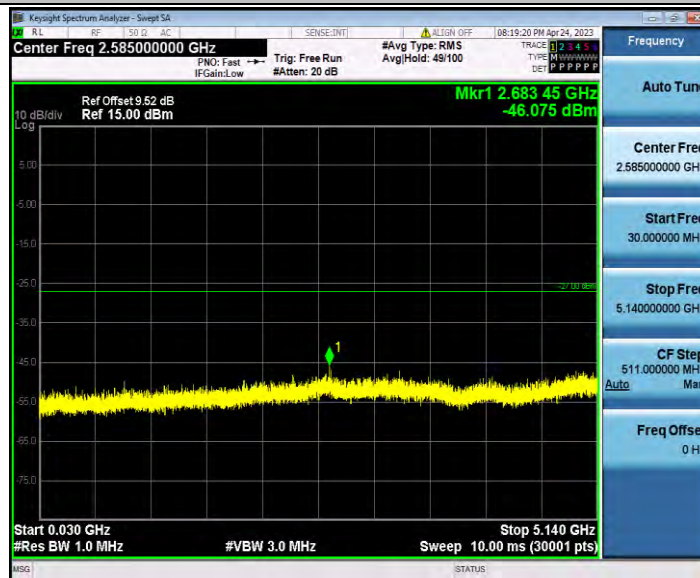
11AX20SISO_Ant1_5240_5360~40000



11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



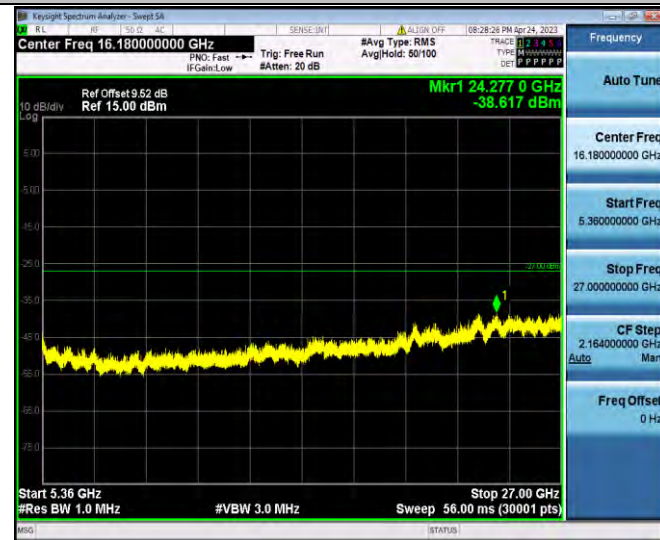
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~4000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~4000