

Appendix E.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	5260	15.46	97.66	0.10	15.56	≤23.98	PASS
		5280	15.75	98.12	0.08	15.83	≤23.98	PASS
		5320	15.94	97.65	0.10	16.04	≤23.98	PASS
11N20SISO	Ant2	5260	14.52	98.76	0.05	14.57	≤23.98	PASS
		5280	15.77	98.76	0.05	15.82	≤23.98	PASS
		5320	15.95	98.76	0.05	16.00	≤23.98	PASS
11N40SISO	Ant2	5270	17.43	98.76	0.05	17.48	≤23.98	PASS
		5310	16.56	98.76	0.05	16.61	≤23.98	PASS
11AC20SISO	Ant2	5260	15.45	99.00	0.04	15.49	≤23.98	PASS
		5280	15.76	98.75	0.05	15.81	≤23.98	PASS
		5320	15.95	98.75	0.05	16.00	≤23.98	PASS
11AC40SISO	Ant2	5270	17.51	98.75	0.05	17.56	≤23.98	PASS
		5310	16.61	98.75	0.05	16.66	≤23.98	PASS
11AC80SISO	Ant2	5290	16.87	99.00	0.04	16.91	≤23.98	PASS
11AX20SISO	Ant2	5260	15.27	99.00	0.04	15.31	≤23.98	PASS
		5280	15.58	98.75	0.05	15.63	≤23.98	PASS
		5320	15.79	98.75	0.05	15.84	≤23.98	PASS
11AX40SISO	Ant2	5270	17.16	99.00	0.04	17.20	≤23.98	PASS
		5310	16.32	98.75	0.05	16.37	≤23.98	PASS
11AX80SISO	Ant2	5290	16.63	98.75	0.05	16.68	≤23.98	PASS

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

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5260	4.74	≤11.00	PASS
		5280	5.06	≤11.00	PASS
		5320	5.34	≤11.00	PASS
11N20SISO	Ant2	5260	3.61	≤11.00	PASS
		5280	4.83	≤11.00	PASS
		5320	5.09	≤11.00	PASS
11N40SISO	Ant2	5270	3.25	≤11.00	PASS
		5310	2.43	≤11.00	PASS
11AC20SISO	Ant2	5260	4.52	≤11.00	PASS
		5280	4.84	≤11.00	PASS
		5320	5.07	≤11.00	PASS
11AC40SISO	Ant2	5270	3.25	≤11.00	PASS
		5310	2.46	≤11.00	PASS
11AC80SISO	Ant2	5290	-0.62	≤11.00	PASS
11AX20SISO	Ant2	5260	4.08	≤11.00	PASS
		5280	4.41	≤11.00	PASS
		5320	4.68	≤11.00	PASS
11AX40SISO	Ant2	5270	2.71	≤11.00	PASS
		5310	1.98	≤11.00	PASS
11AX80SISO	Ant2	5290	-1.04	≤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_Ant2_5260



11A_Ant2_5280



11A_Ant2_5320



11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



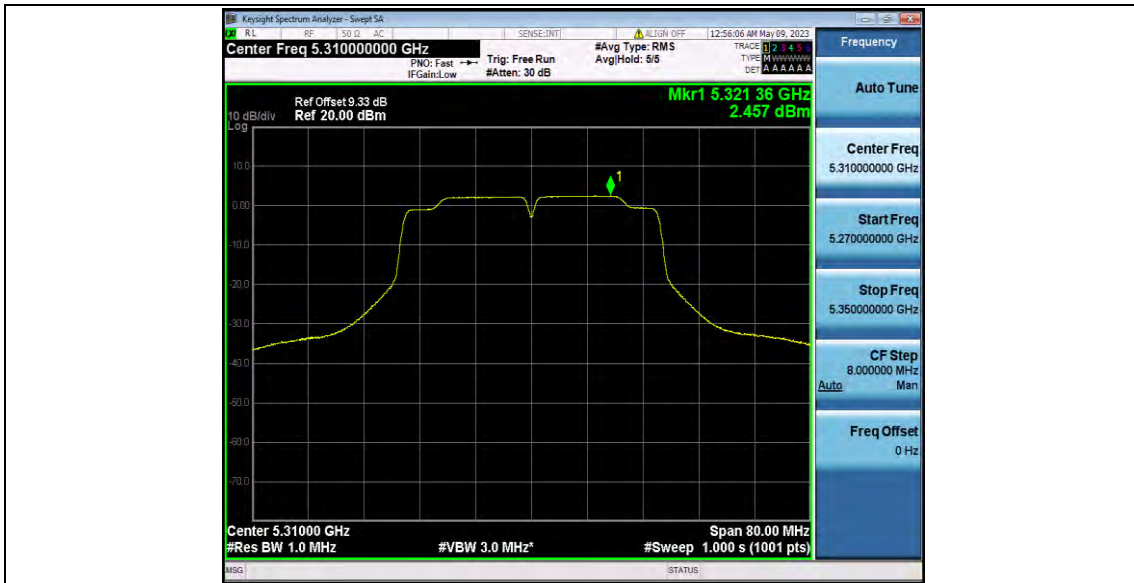
11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



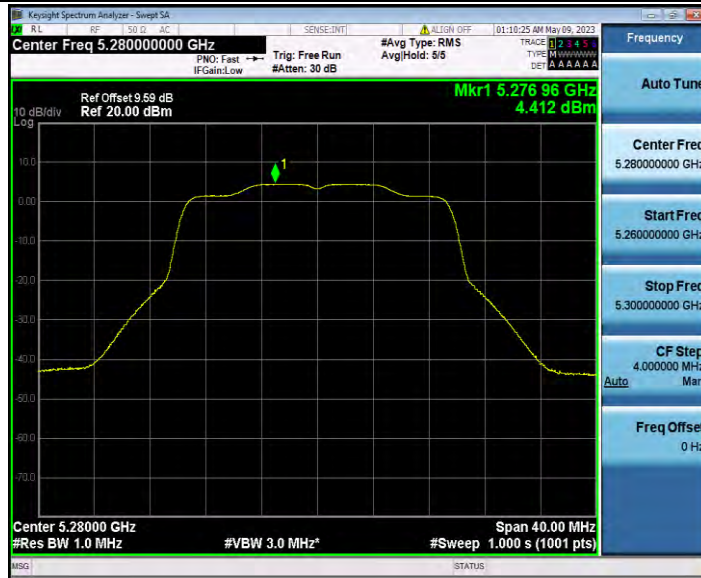
11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



11AX20SISO_Ant2_5260



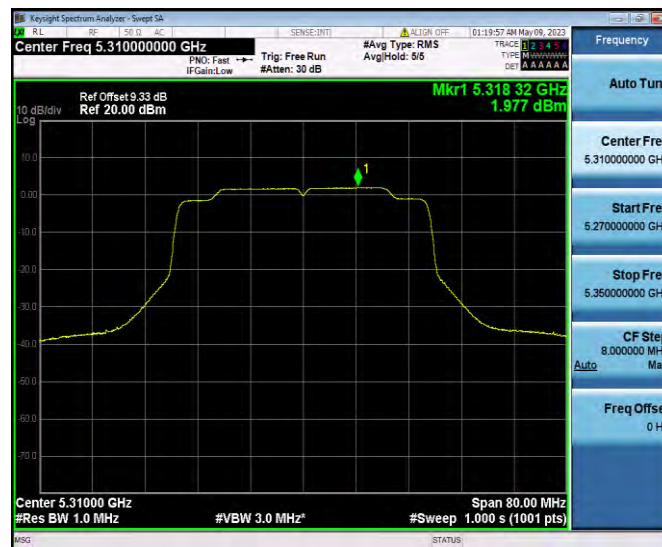
11AX20SISO_Ant2_5280



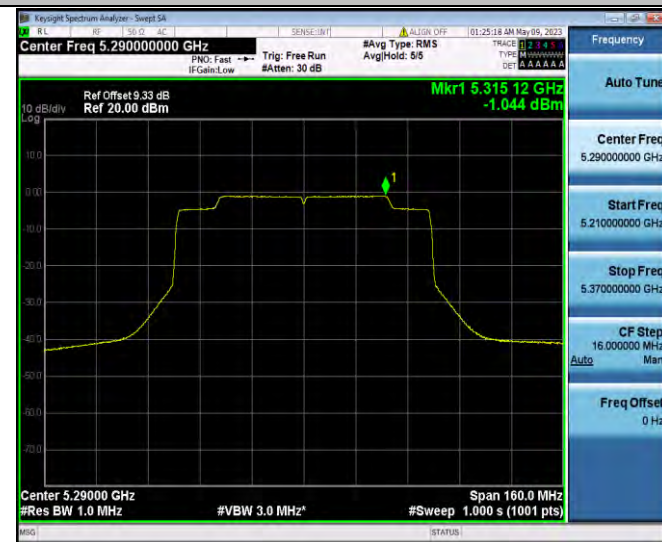
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



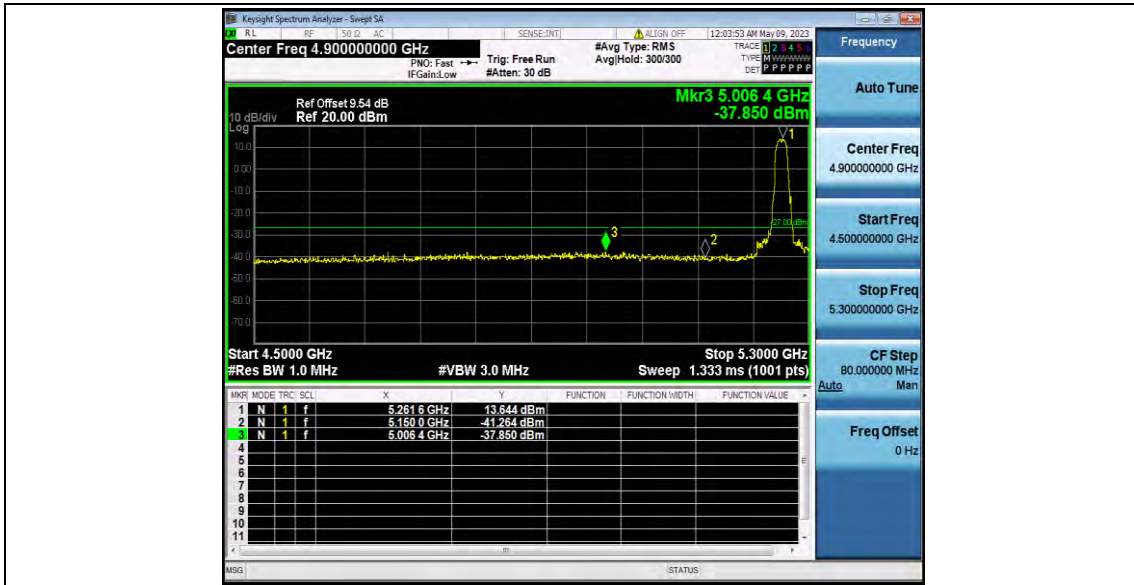
11AX80SISO_Ant2_5290

Appendix E.6: Band edge measurements

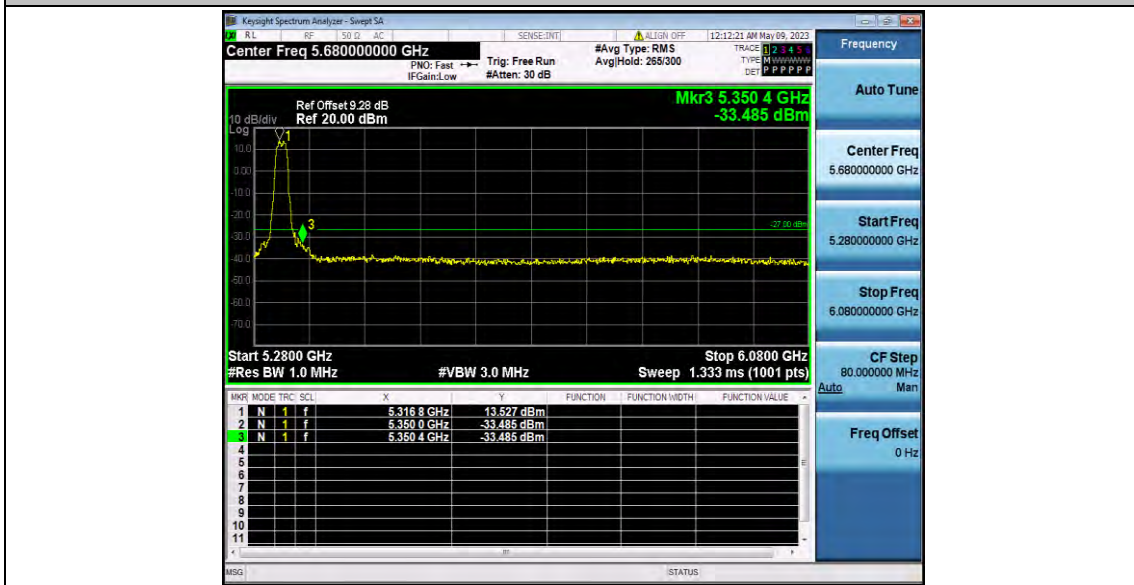
Test Result B2

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5260	-37.85	≤-27	PASS
		High	5320	-33.49	≤-27	PASS
11N20SISO	Ant2	Low	5260	-37.69	≤-27	PASS
		High	5320	-32.65	≤-27	PASS
11N40SISO	Ant2	Low	5270	-37.5	≤-27	PASS
		High	5310	-37.88	≤-27	PASS
11AC20SISO	Ant2	Low	5260	-37.67	≤-27	PASS
		High	5320	-29.95	≤-27	PASS
11AC40SISO	Ant2	Low	5270	-37.64	≤-27	PASS
		High	5310	-38.37	≤-27	PASS
11AC80SISO	Ant2	Low	5290	-37.08	≤-27	PASS
		High	5290	-40.38	≤-27	PASS
11AX20SISO	Ant2	Low	5260	-37.79	≤-27	PASS
		High	5320	-34.06	≤-27	PASS
11AX40SISO	Ant2	Low	5270	-36.71	≤-27	PASS
		High	5310	-38.3	≤-27	PASS
11AX80SISO	Ant2	Low	5290	-36.62	≤-27	PASS
		High	5290	-35.30	≤-27	PASS

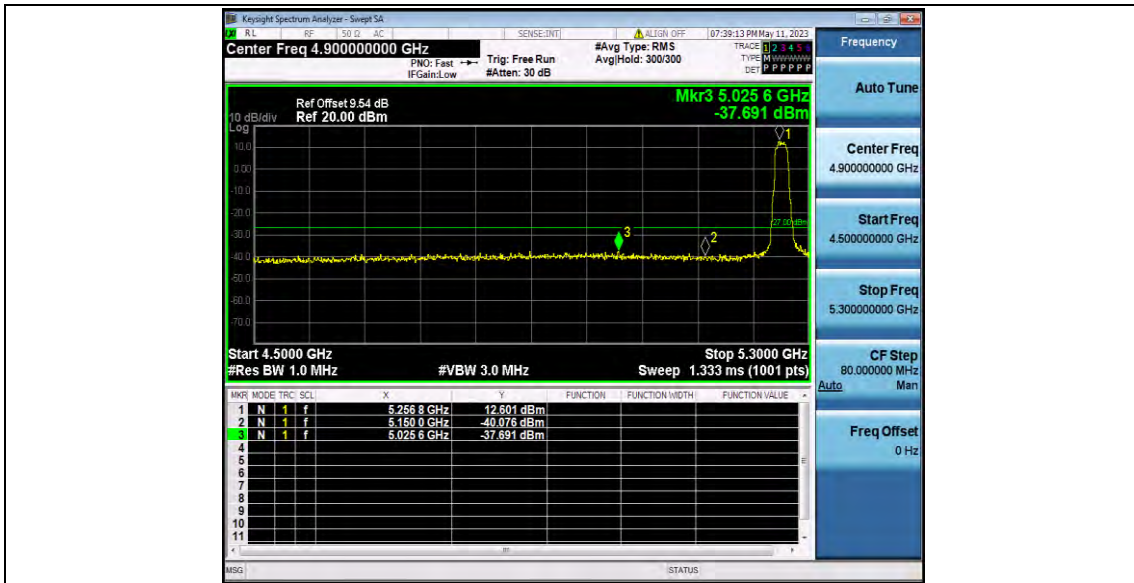
Test Graphs B2



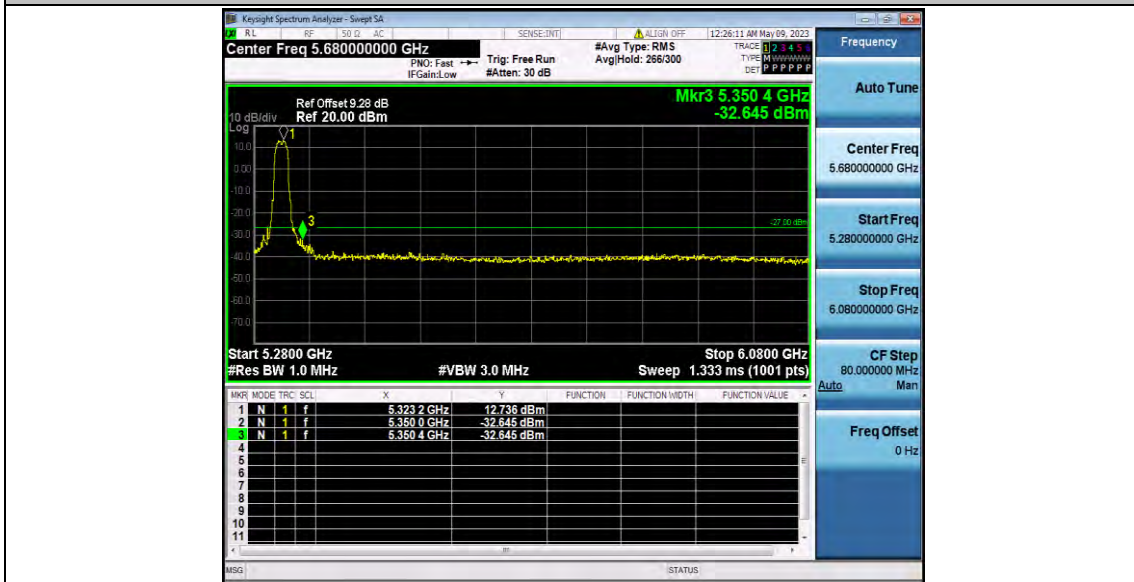
11A_Ant2_Low_5260



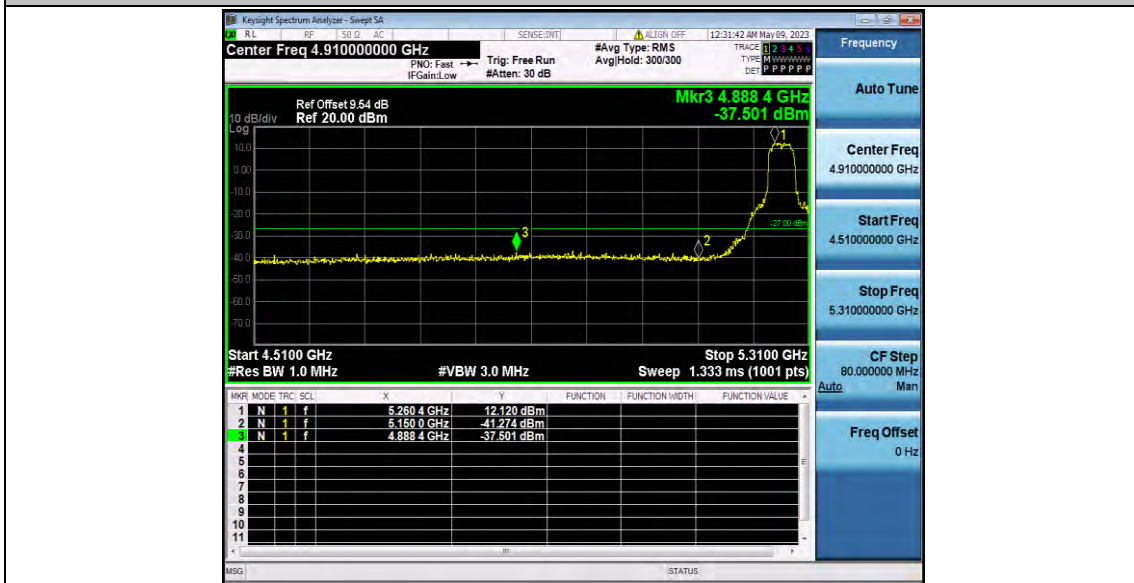
11A_Ant2_High_5320



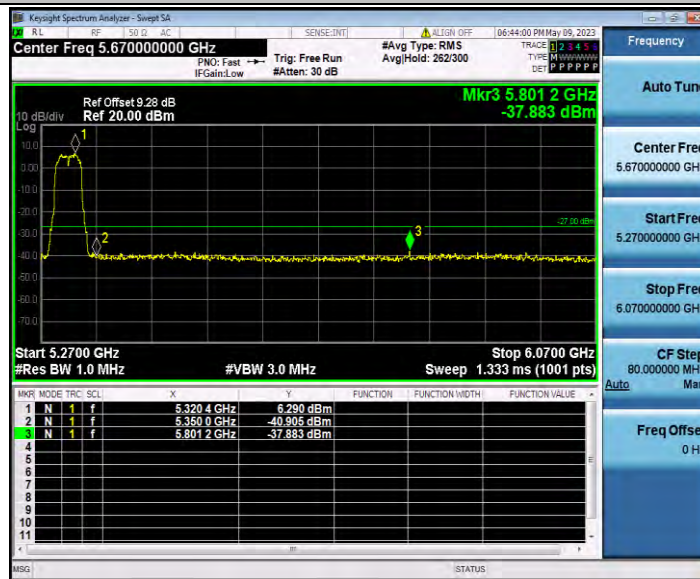
11N20SISO_Ant2_Low_5260



11N20SISO_Ant2_High_5320



11N40SISO_Ant2_Low_5270



11N40SISO_Ant2_High_5310



11AC20SISO_Ant2_Low_5260



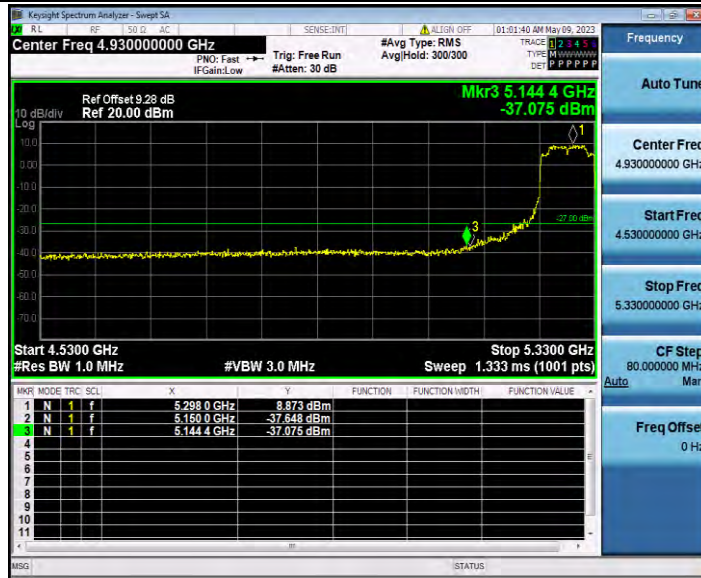
11AC20SISO_Ant2_High_5320



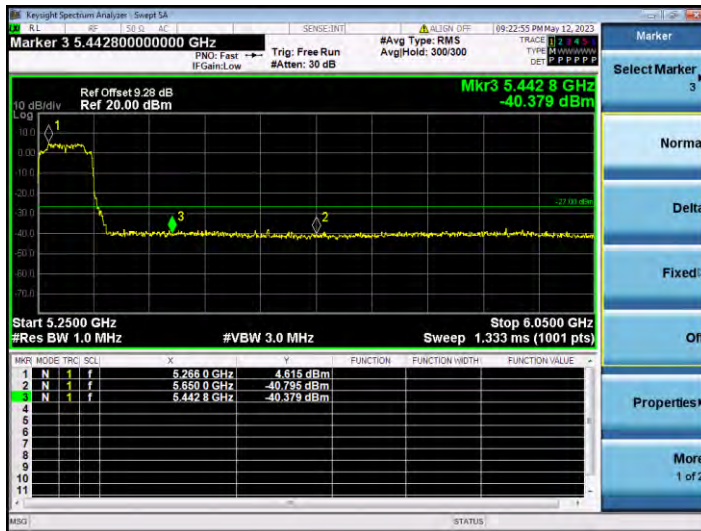
11AC40SISO_Ant2_Low_5270



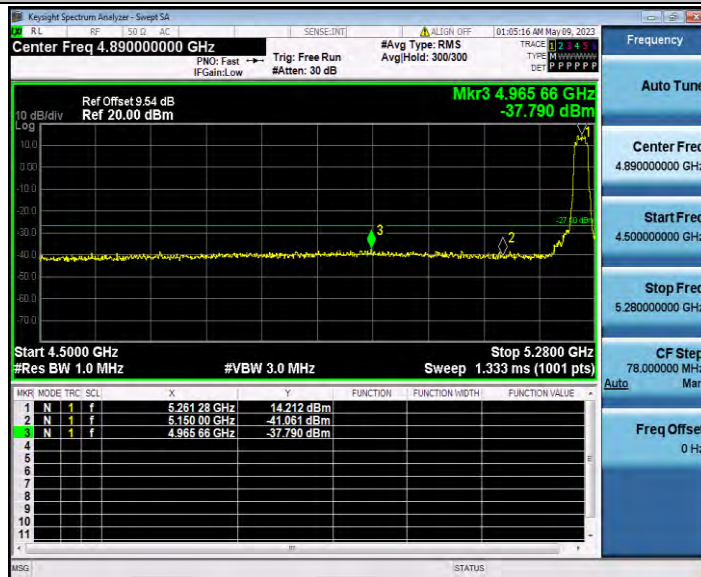
11AC40SISO_Ant2_High_5310



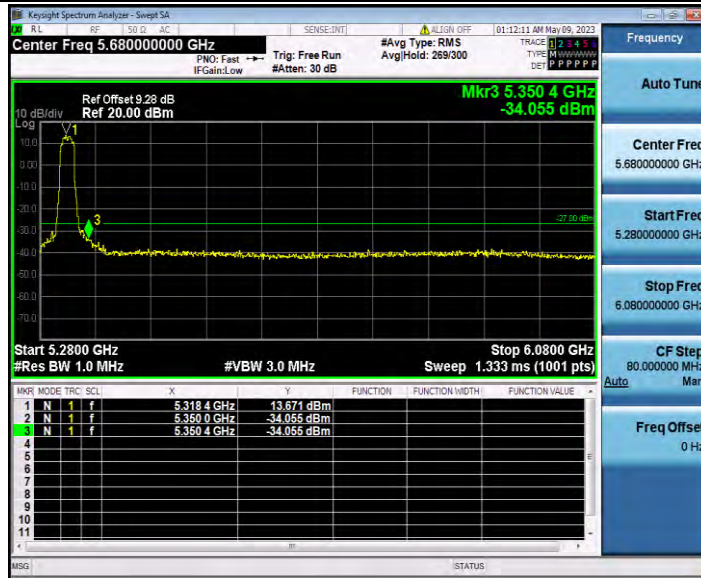
11AC80SISO_Ant2_Low_5290



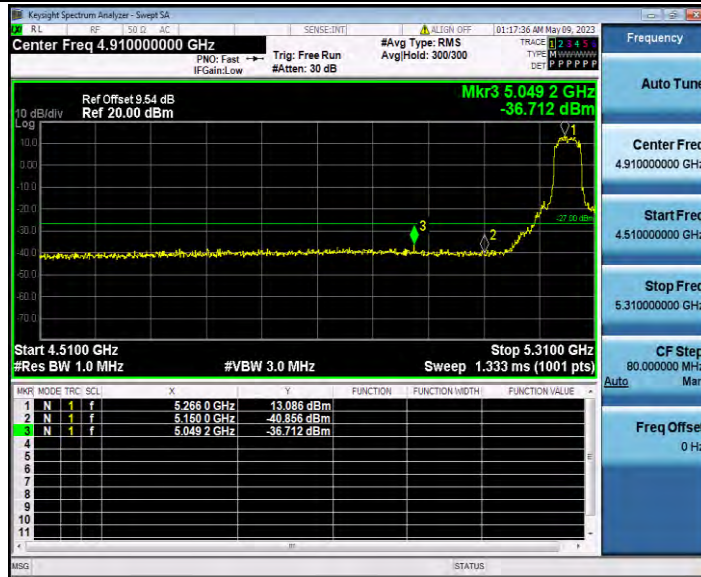
11AC80SISO_Ant2_High_5290



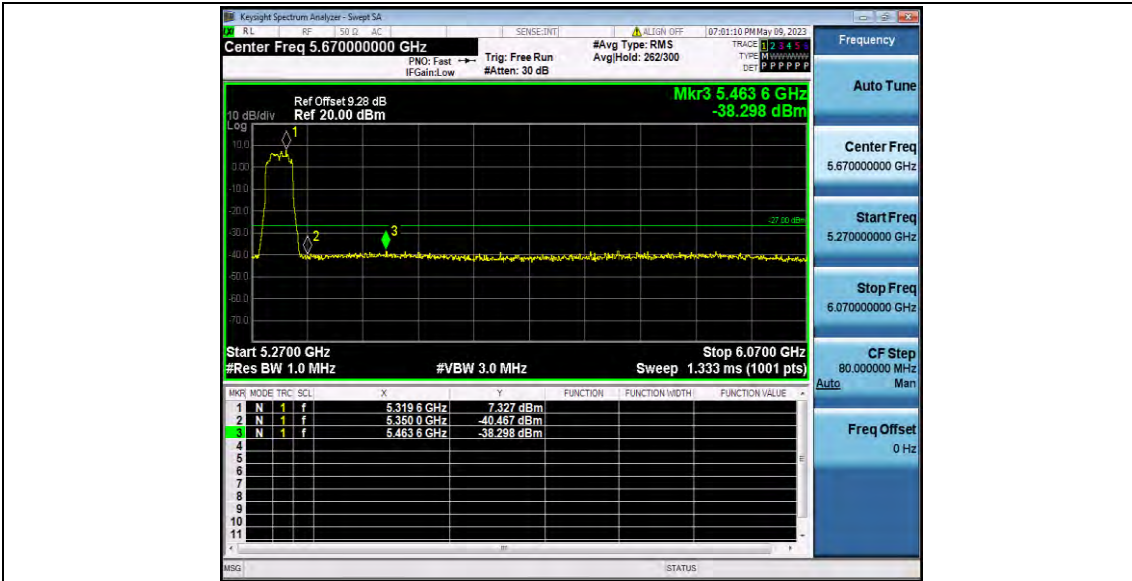
11AX20SISO_Ant2_Low_5260



11AX20SISO_Ant2_High_5320



11AX40SISO_Ant2_Low_5270



11AX40SISO_Ant2_High_5310



11AX80SISO_Ant2_Low_5290



11AX80SISO_Ant2_High_5290

Appendix E.7: Conducted Spurious Emission

Test Result

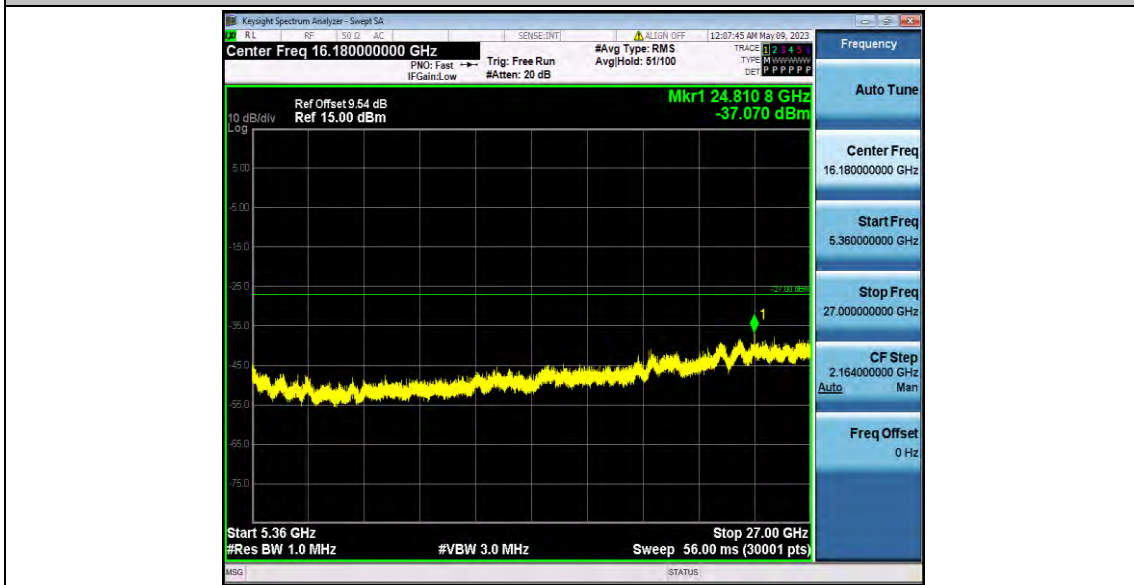
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5260	30~5140	4955.53	-46.76	≤-27	PASS
			5360~40000	24810.75	-37.07	≤-27	PASS
		5280	30~5140	3135.69	-46.61	≤-27	PASS
			5360~40000	24615.99	-38.26	≤-27	PASS
		5320	30~5140	3271.61	-46.7	≤-27	PASS
			5360~40000	5362.89	-36.63	≤-27	PASS
11N20SISO	Ant2	5260	30~5140	4924.53	-46.11	≤-27	PASS
			5360~40000	23506.58	-38.05	≤-27	PASS
		5280	30~5140	4582.33	-47.5	≤-27	PASS
			5360~40000	23501.53	-38.49	≤-27	PASS
		5320	30~5140	4943.27	-47.17	≤-27	PASS
			5360~40000	24768.19	-37.99	≤-27	PASS
11N40SISO	Ant2	5270	30~5140	2626.73	-46.4	≤-27	PASS
			5360~40000	5367.21	-36.02	≤-27	PASS
		5310	30~5140	5013.44	-47.4	≤-27	PASS
			5360~40000	5372.98	-32.57	≤-27	PASS
11AC20SISO	Ant2	5260	30~5140	3692.34	-46.71	≤-27	PASS
			5360~40000	26467.66	-38.65	≤-27	PASS
		5280	30~5140	5021.62	-47.01	≤-27	PASS
			5360~40000	24251	-37.43	≤-27	PASS
		5320	30~5140	4991.3	-47.46	≤-27	PASS
			5360~40000	5361.44	-36.7	≤-27	PASS
11AC40SISO	Ant2	5270	30~5140	5130.63	-46.57	≤-27	PASS
			5360~40000	5367.93	-35.81	≤-27	PASS
		5310	30~5140	2675.28	-46.79	≤-27	PASS
			5360~40000	5367.21	-32.19	≤-27	PASS
11AC80SISO	Ant2	5290	30~5140	5139.15	-41.55	≤-27	PASS
			5360~40000	5363.61	-27.7	≤-27	PASS
11AX20SISO	Ant2	5260	30~5140	4932.02	-46.99	≤-27	PASS
			5360~40000	24285.62	-38.01	≤-27	PASS
		5280	30~5140	2687.37	-47.18	≤-27	PASS
			5360~40000	24295.72	-37.67	≤-27	PASS
		5320	30~5140	4982.27	-46.23	≤-27	PASS
			5360~40000	25589.79	-38.01	≤-27	PASS
11AX40SISO	Ant2	5270	30~5140	4898.13	-46.95	≤-27	PASS
			5360~40000	26560.71	-37.38	≤-27	PASS

		5310	30~5140	4987.55	-47.09	≤ -27	PASS
			5360~40000	5371.54	-31.68	≤ -27	PASS
11AX80SISO	Ant2	5290	30~5140	5127.23	-43.41	≤ -27	PASS
			5360~40000	5365.05	-29.95	≤ -27	PASS

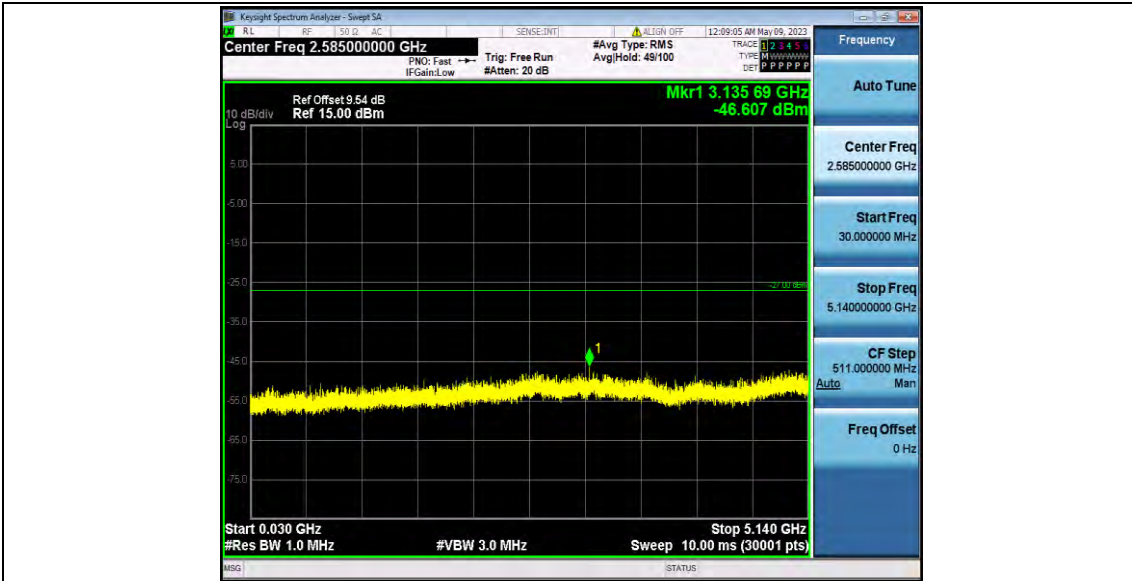
Test Graphs



11A_Ant2_5260_30~5140



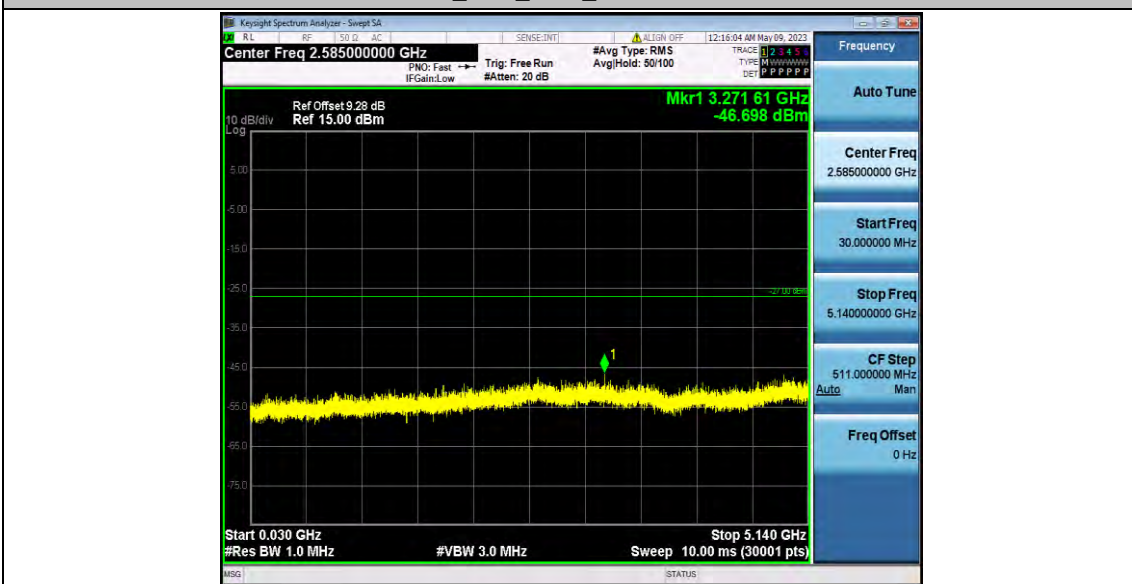
11A_Ant2_5260_5360~40000



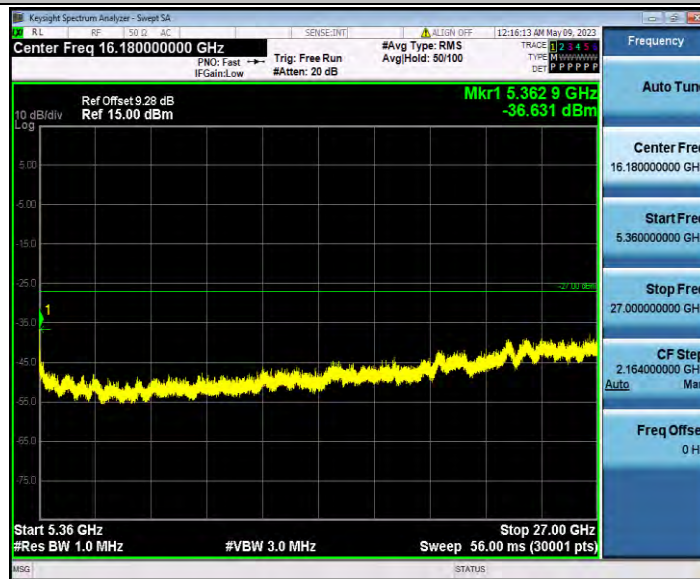
11A_Ant2_5280_30~5140



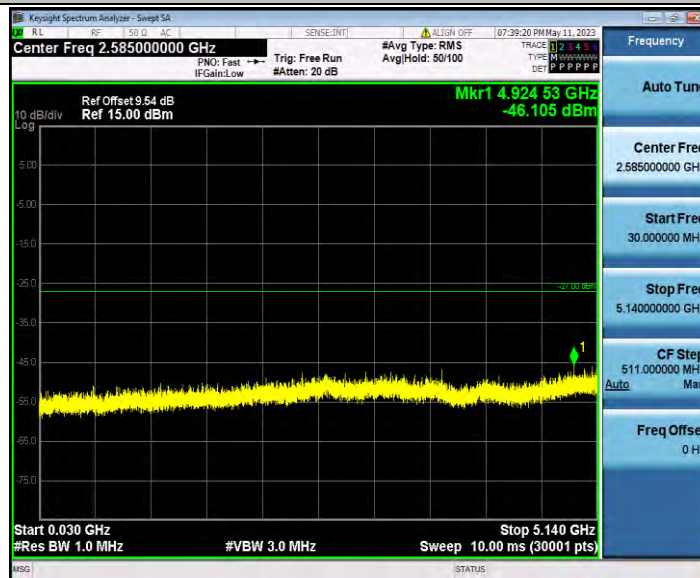
11A_Ant2_5280_5360~40000



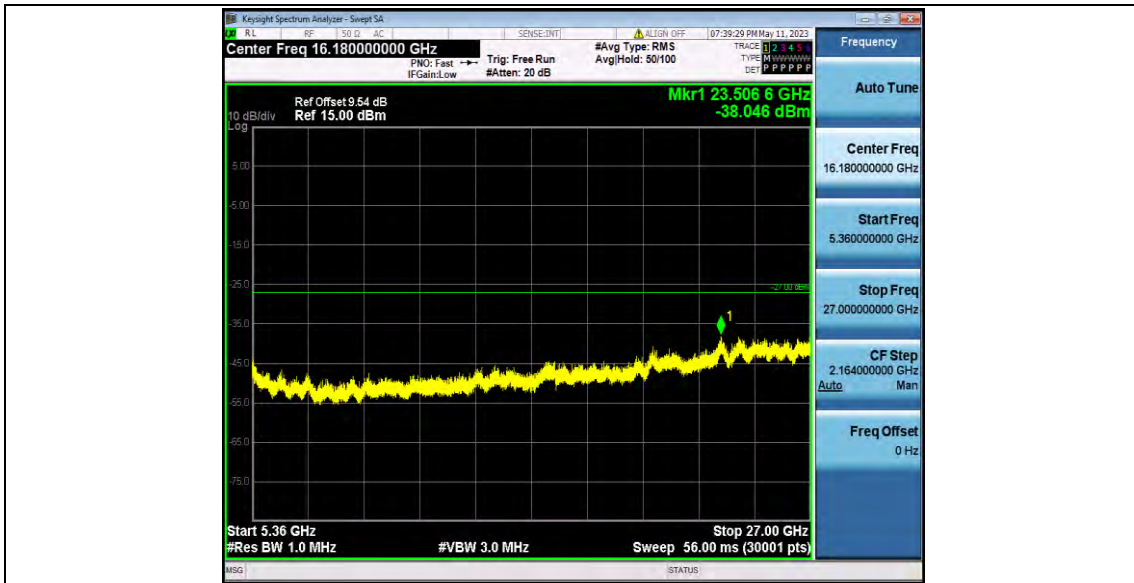
11A_Ant2_5320_30~5140



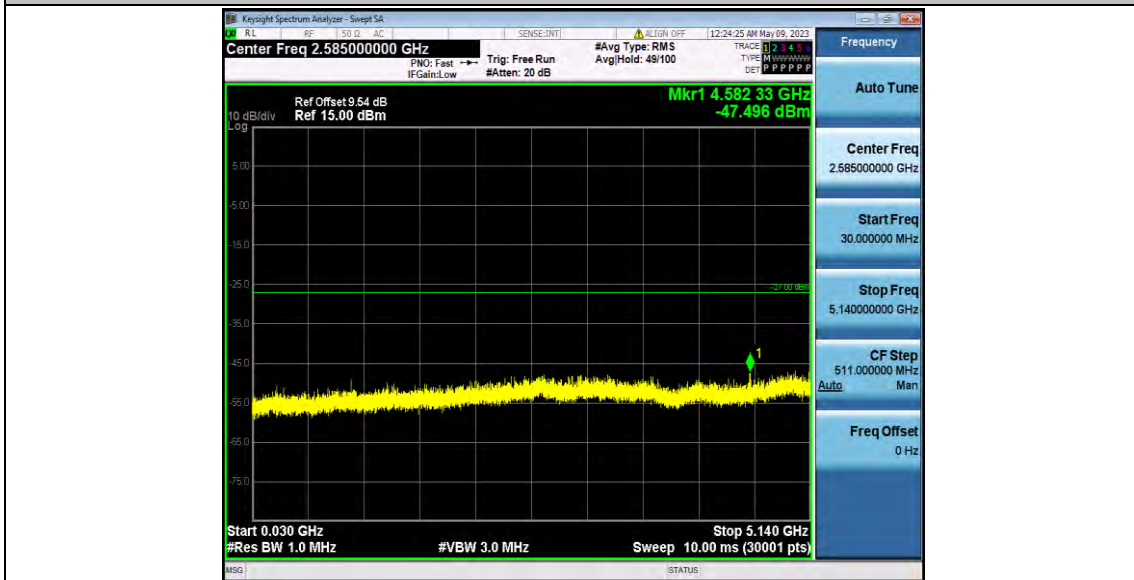
11A_Ant2_5320_5360~40000



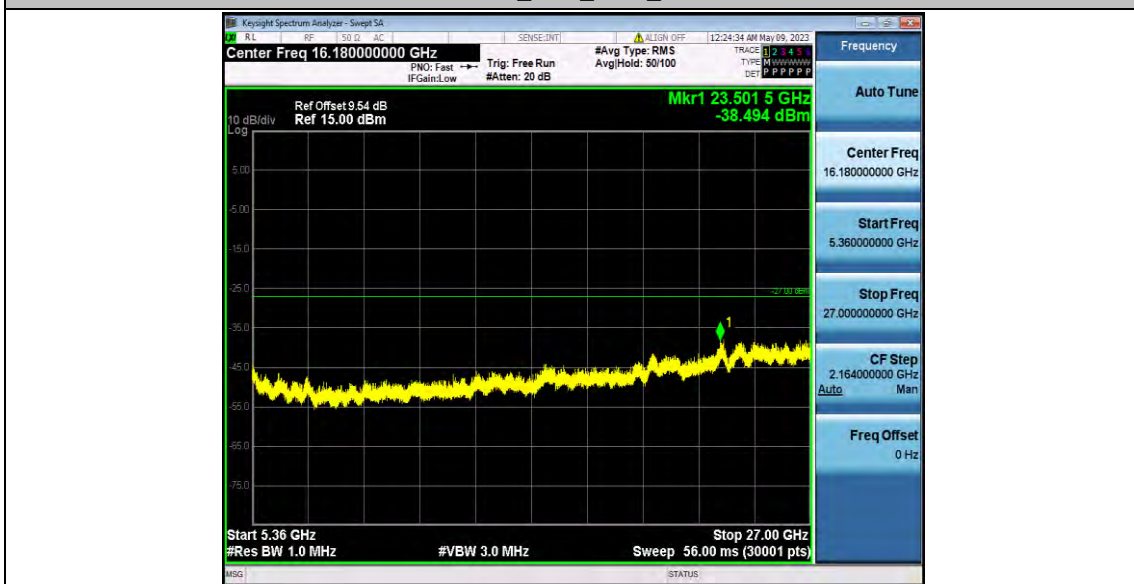
11N20SISO_Ant2_5260_30~5140



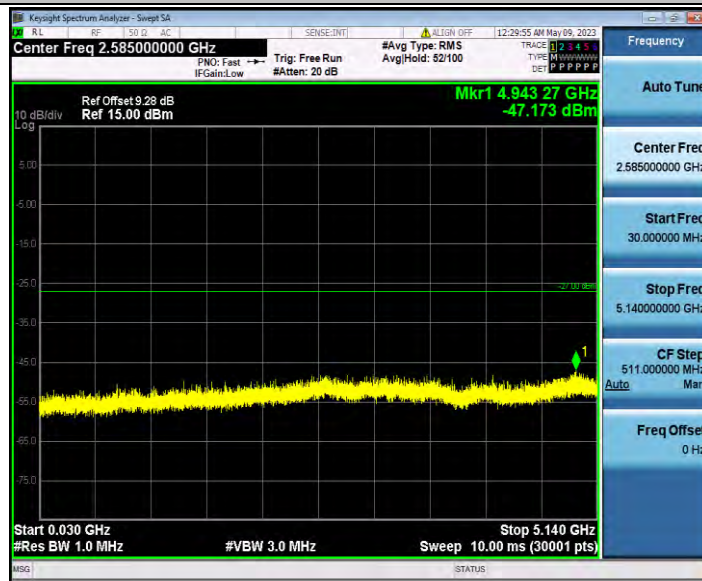
11N20SISO_Ant2_5260_5360~40000



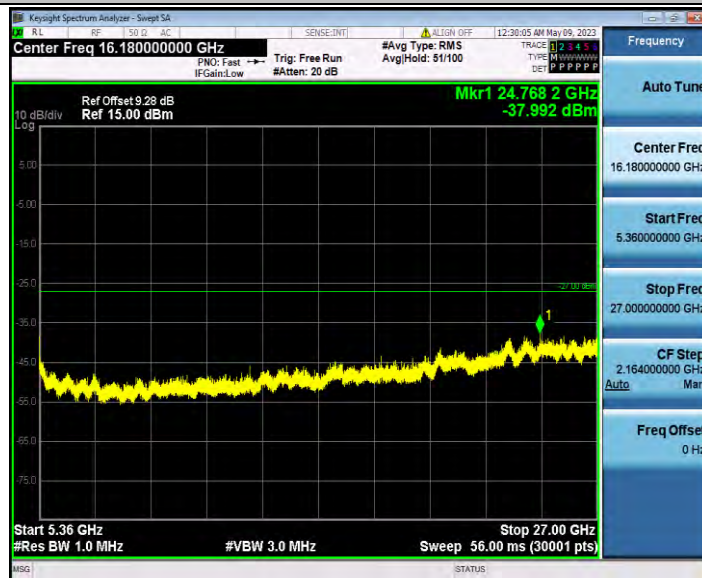
11N20SISO_Ant2_5280_30~5140



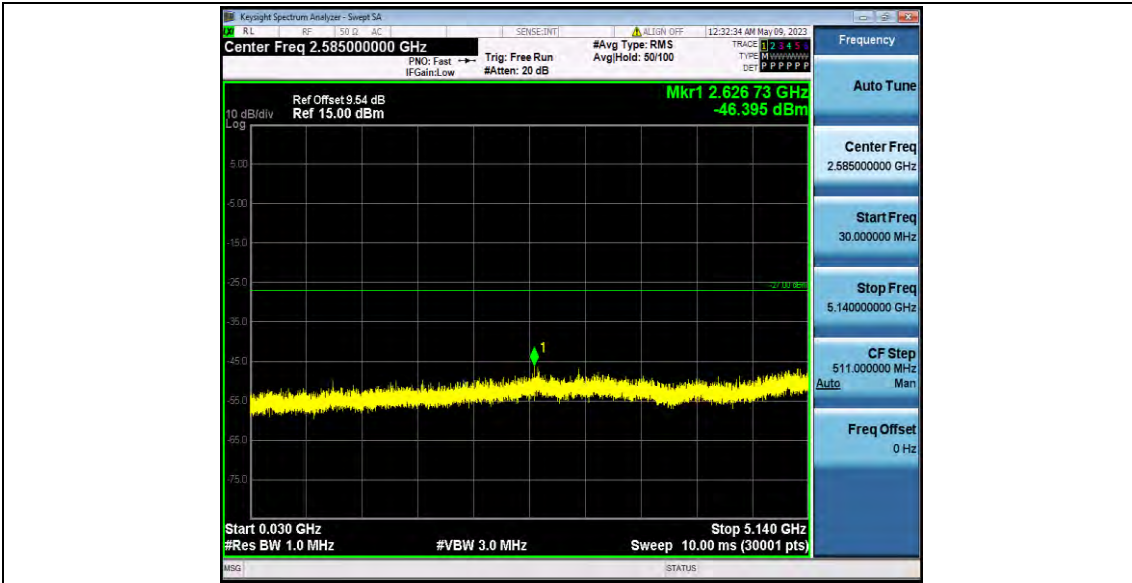
11N20SISO_Ant2_5280_5360~40000



11N20SISO_Ant2_5320_30~5140



11N20SISO_Ant2_5320_5360~40000



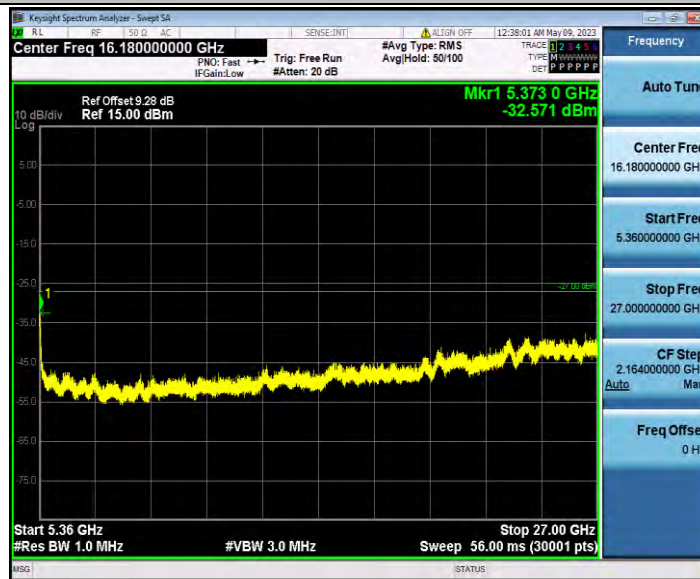
11N40SISO_Ant2_5270_30~5140



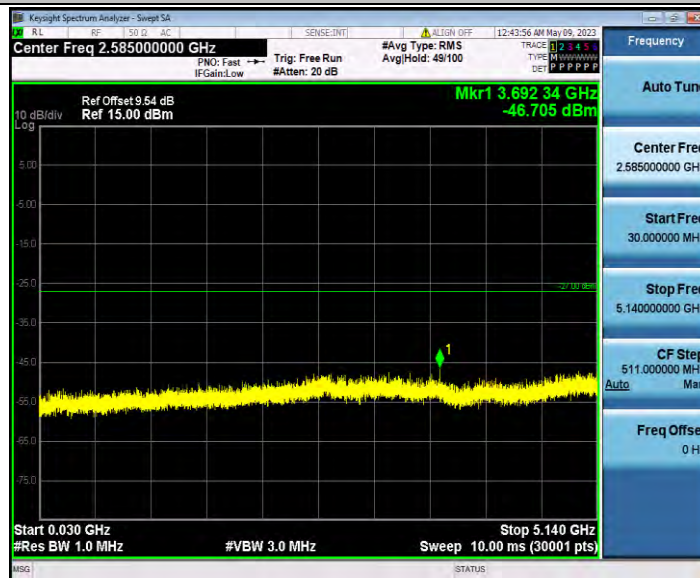
11N40SISO_Ant2_5270_5360~40000



11N40SISO_Ant2_5310_30~5140



11N40SISO_Ant2_5310_5360~40000



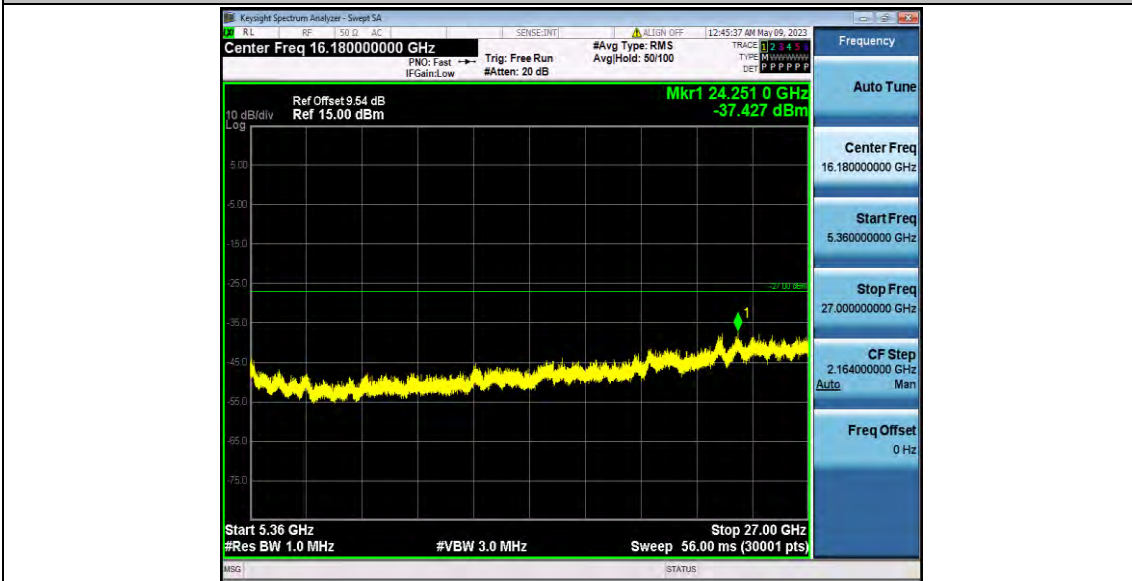
11AC20SISO_Ant2_5260_30~5140



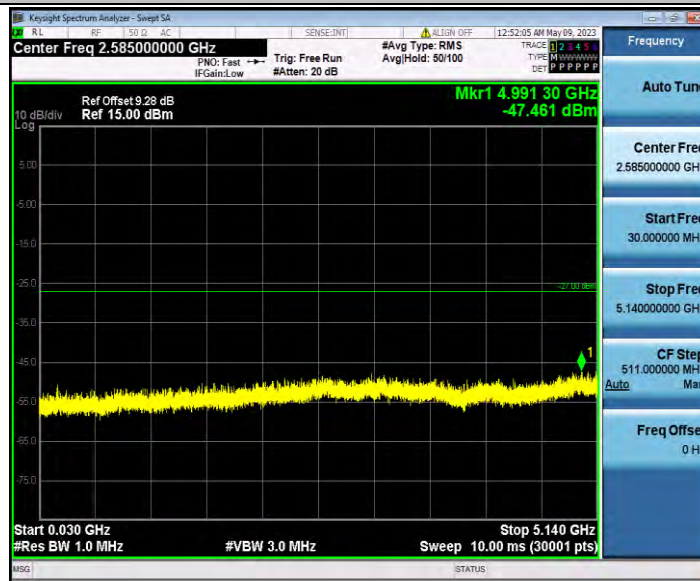
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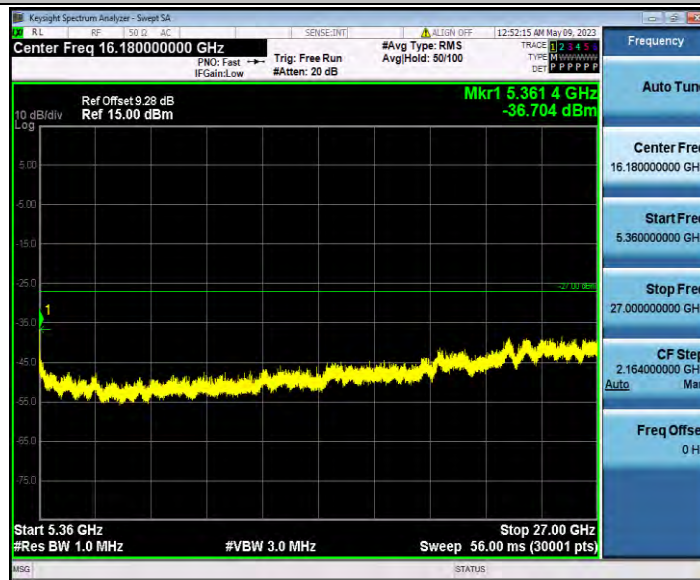
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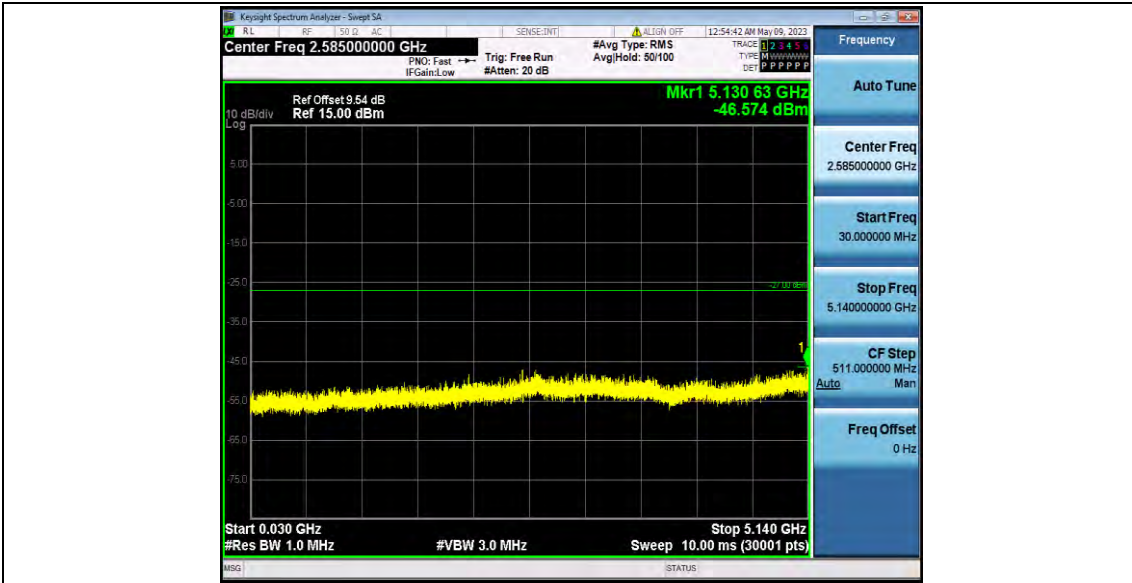
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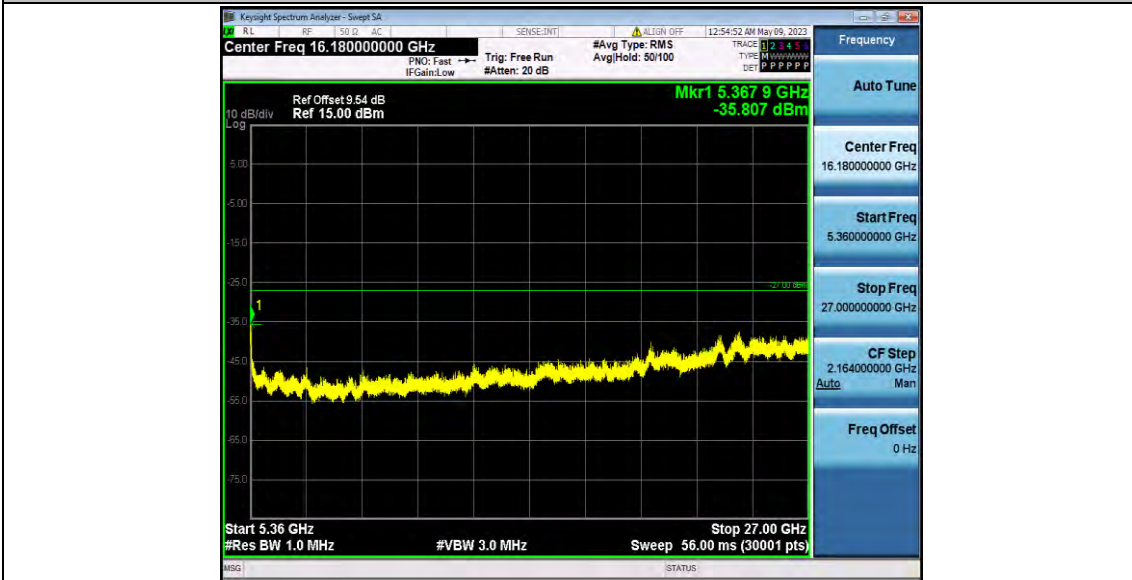
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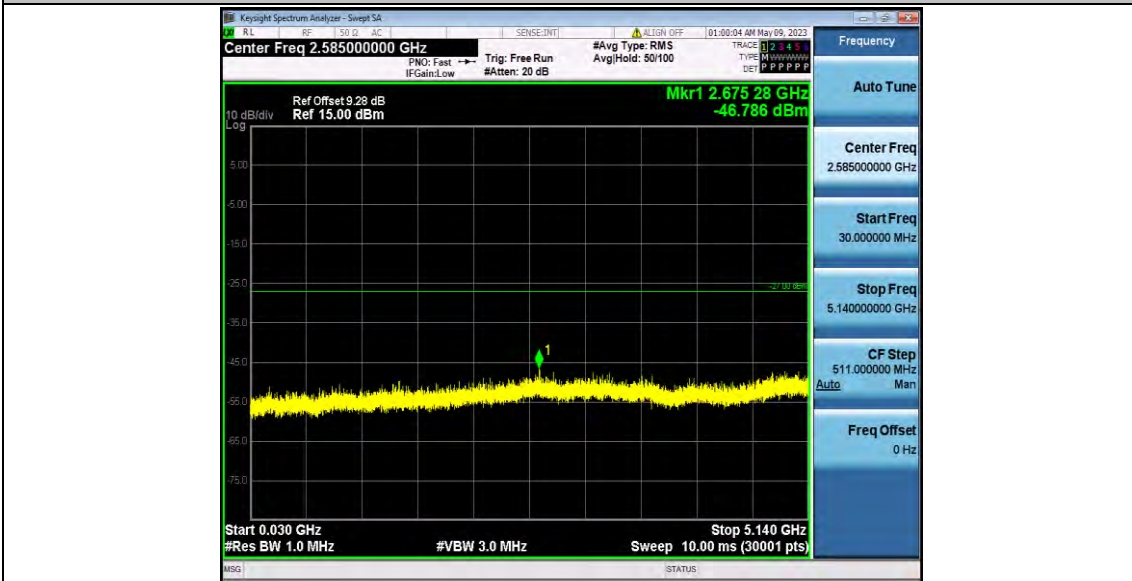
11AC20SISO_Ant2_5320_5360~40000



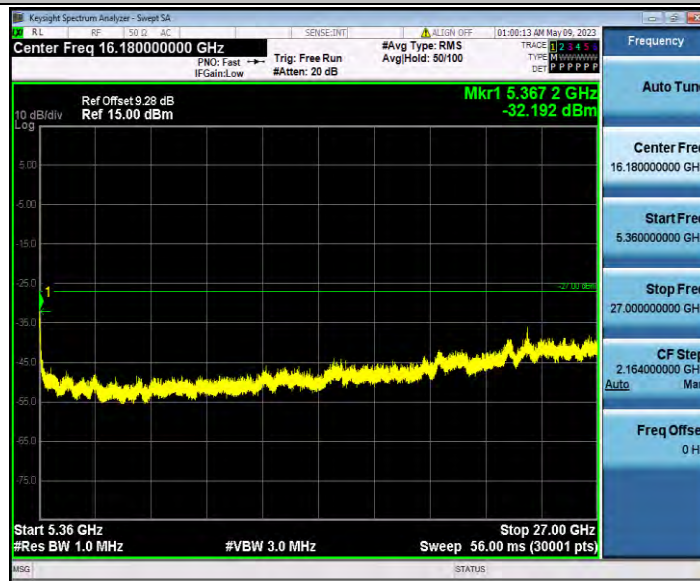
11AC40SISO_Ant2_5270_30~5140



11AC40SISO_Ant2_5270_5360~40000



11AC40SISO_Ant2_5310_30~5140



11AC40SISO_Ant2_5310_5360~40000



11AC80SISO_Ant2_5290_30~5140



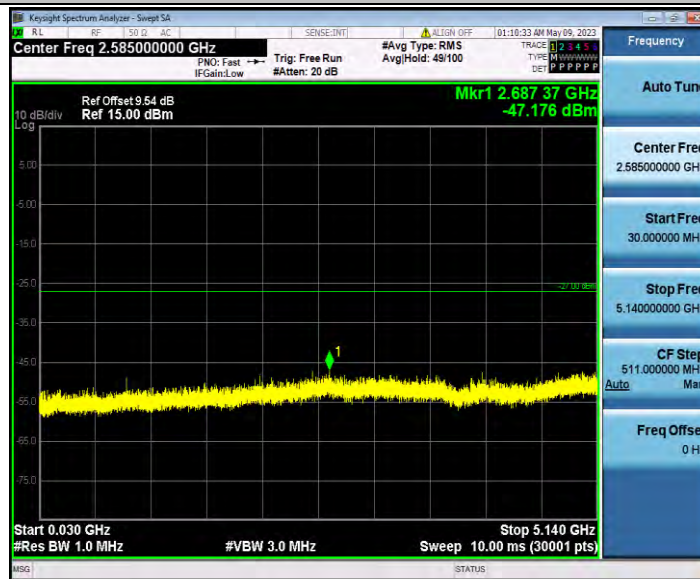
11AC80SISO_Ant2_5290_5360~4000



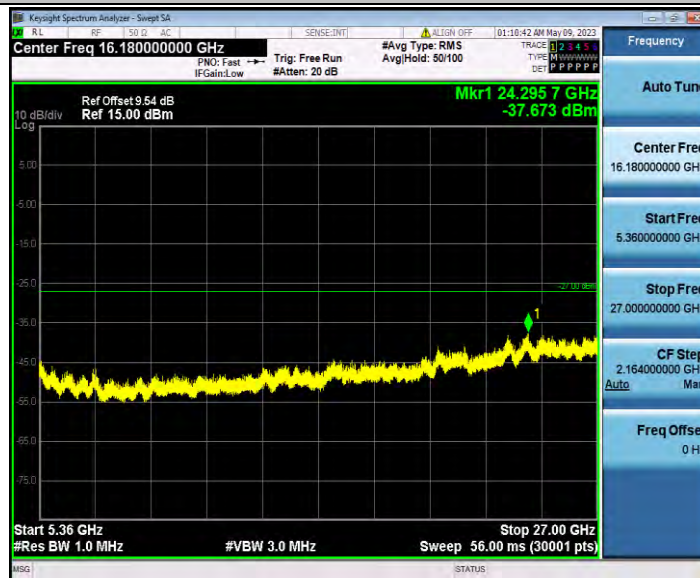
11AX20SISO_Ant2_5260_30~5140



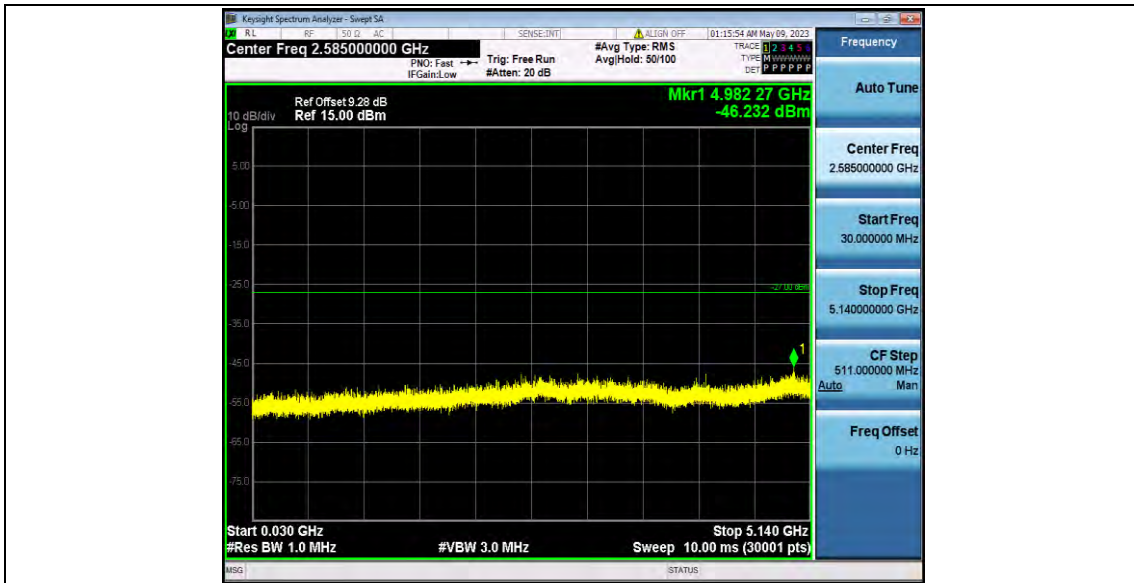
11AX20SISO_Ant2_5260_5360~40000



11AX20SISO_Ant2_5280_30~5140



11AX20SISO_Ant2_5280_5360~40000



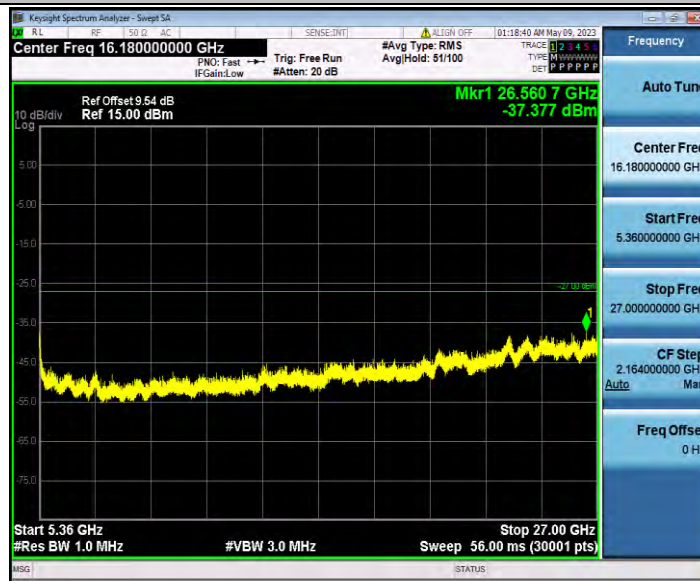
11AX20SISO_Ant2_5320_30~5140



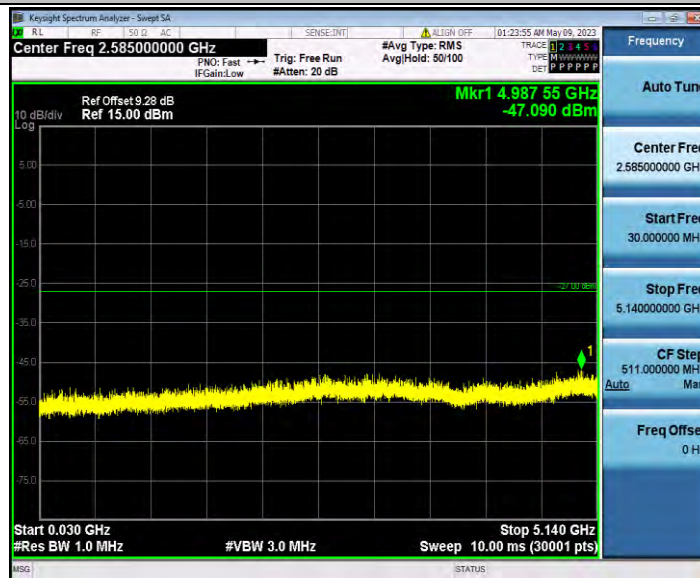
11AX20SISO_Ant2_5320_5360~40000



11AX40SISO_Ant2_5270_30~5140



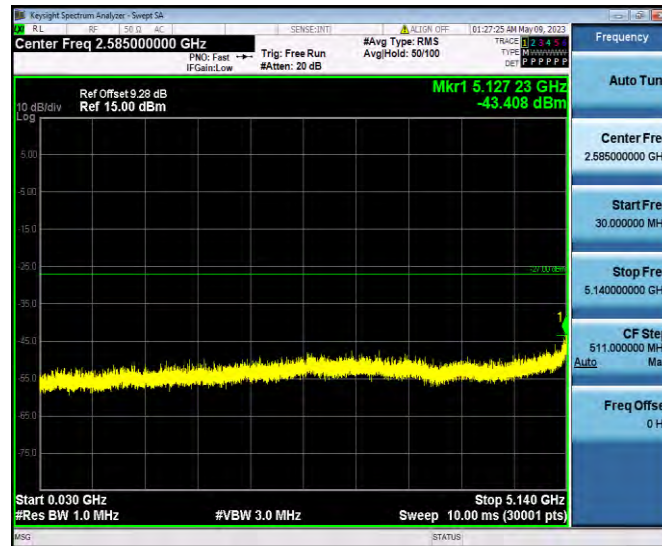
11AX40SISO_Ant2_5270_5360~40000



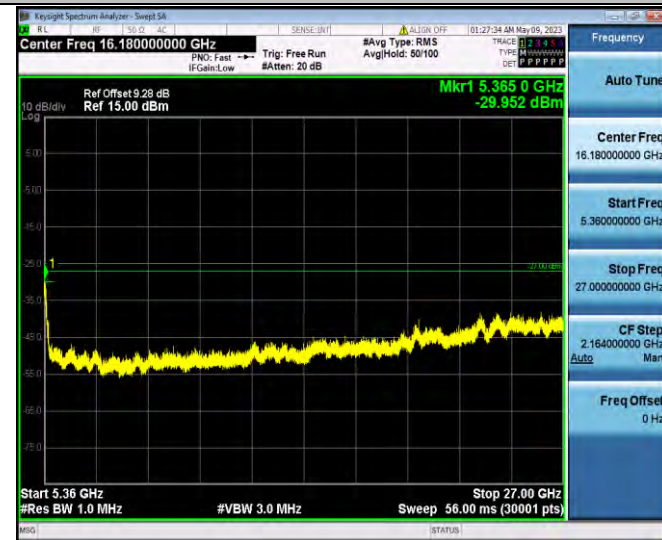
11AX40SISO_Ant2_5310_30~5140



11AX40SISO_Ant2_5310_5360~40000



11AX80SISO_Ant2_5290_30~5140



11AX80SISO_Ant2_5290_5360~40000