

## Appendix E.4: Maximum conducted output power

### Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5260	8.22	68.97	1.61	9.83	≤23.98	PASS
		5280	7.83	68.81	1.62	9.45	≤23.98	PASS
		5320	8.29	69.31	1.59	9.88	≤23.98	PASS
11N20SISO	Ant0	5260	6.53	67.88	1.68	8.21	≤23.98	PASS
		5280	6.34	67.36	1.72	8.06	≤23.98	PASS
		5320	6.69	67.36	1.72	8.41	≤23.98	PASS
11N40SISO	Ant0	5270	5.56	49.23	3.08	8.64	≤23.98	PASS
		5310	5.99	50.00	3.01	9.00	≤23.98	PASS
11AC20SISO	Ant0	5260	8.07	67.18	1.73	9.80	≤23.98	PASS
		5280	7.79	66.84	1.75	9.54	≤23.98	PASS
		5320	8.76	66.84	1.75	10.51	≤23.98	PASS
11AC40SISO	Ant0	5270	5.88	50.39	2.98	8.86	≤23.98	PASS
		5310	6.26	50.39	2.98	9.24	≤23.98	PASS
11AC80SISO	Ant0	5290	3.21	34.38	4.64	7.85	≤23.98	PASS
11AX20SISO	Ant0	5260	8.02	67.35	1.72	9.74	≤23.98	PASS
		5280	7.68	67.35	1.72	9.40	≤23.98	PASS
		5320	9.10	67.18	1.73	10.83	≤23.98	PASS
11AX40SISO	Ant0	5270	6.02	50.39	2.98	9.00	≤23.98	PASS
		5310	6.24	51.16	2.91	9.15	≤23.98	PASS
11AX80SISO	Ant0	5290	2.75	34.74	4.59	7.34	≤23.98	PASS

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

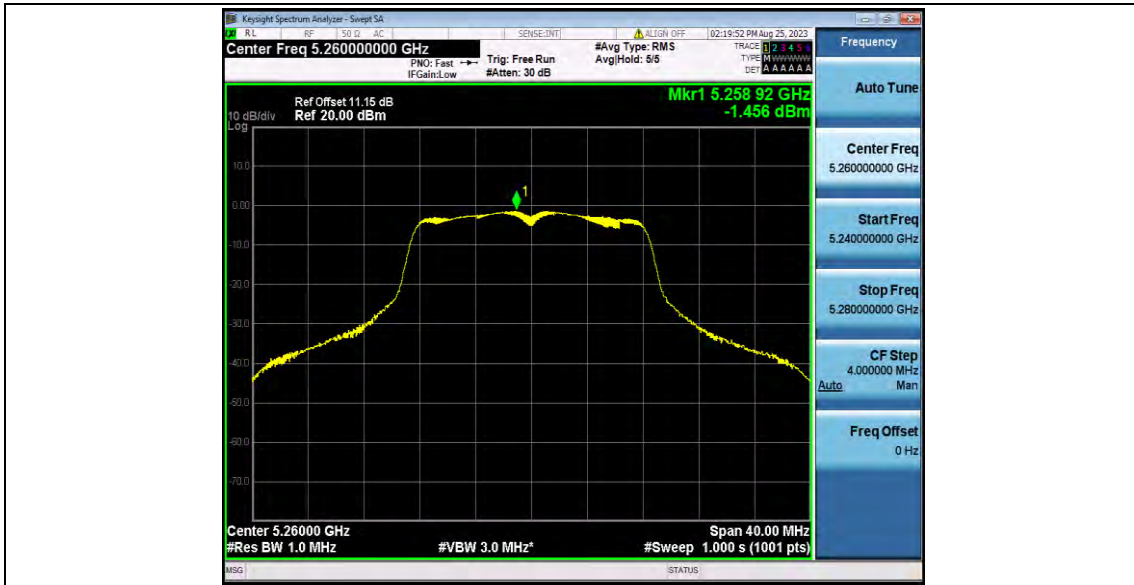
## Appendix D.5: Maximum power spectral density

### Test Result

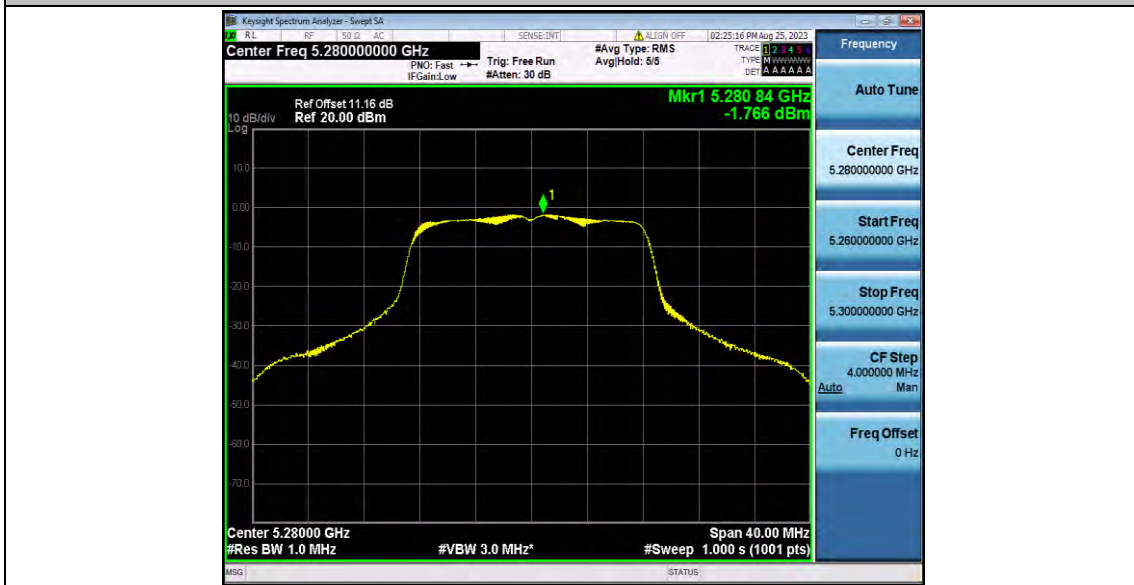
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5260	-1.46	≤11.00	PASS
		5280	-1.77	≤11.00	PASS
		5320	-1.26	≤11.00	PASS
11N20SISO	Ant0	5260	-3.17	≤11.00	PASS
		5280	-3.38	≤11.00	PASS
		5320	-2.9	≤11.00	PASS
11N40SISO	Ant0	5270	-5.24	≤11.00	PASS
		5310	-4.34	≤11.00	PASS
11AC20SISO	Ant0	5260	-1.36	≤11.00	PASS
		5280	-1.99	≤11.00	PASS
		5320	-0.7	≤11.00	PASS
11AC40SISO	Ant0	5270	-4.44	≤11.00	PASS
		5310	-4.18	≤11.00	PASS
11AC80SISO	Ant0	5290	-8.82	≤11.00	PASS
11AX20SISO	Ant0	5260	-1.55	≤11.00	PASS
		5280	-1.71	≤11.00	PASS
		5320	-0.68	≤11.00	PASS
11AX40SISO	Ant0	5270	-5.11	≤11.00	PASS
		5310	-4.8	≤11.00	PASS
11AX80SISO	Ant0	5290	-9.55	≤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.

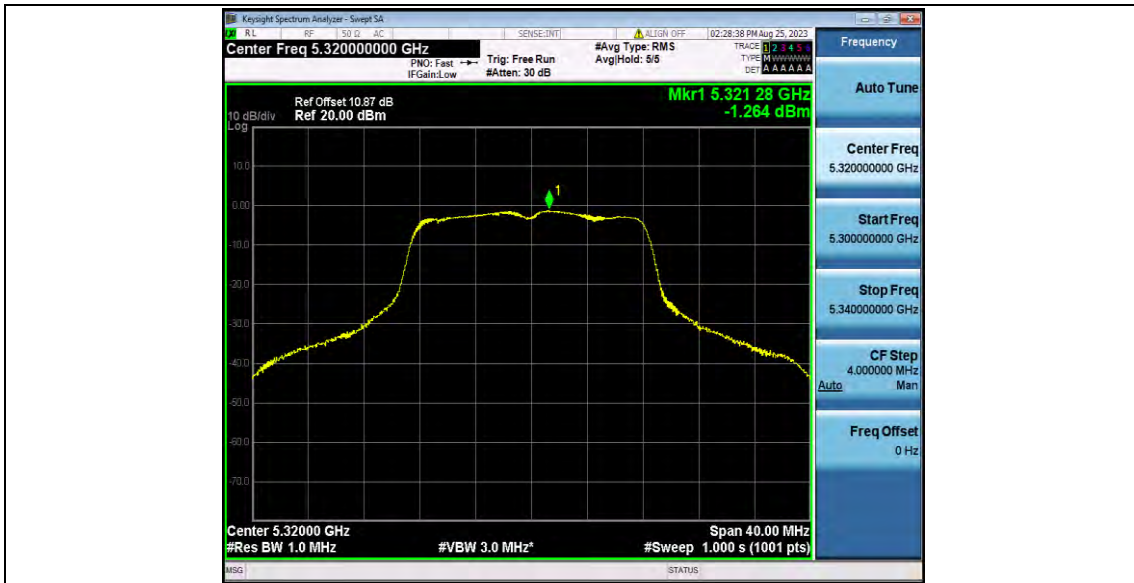
## Test Graphs



11A\_Ant0\_5260



11A\_Ant0\_5280



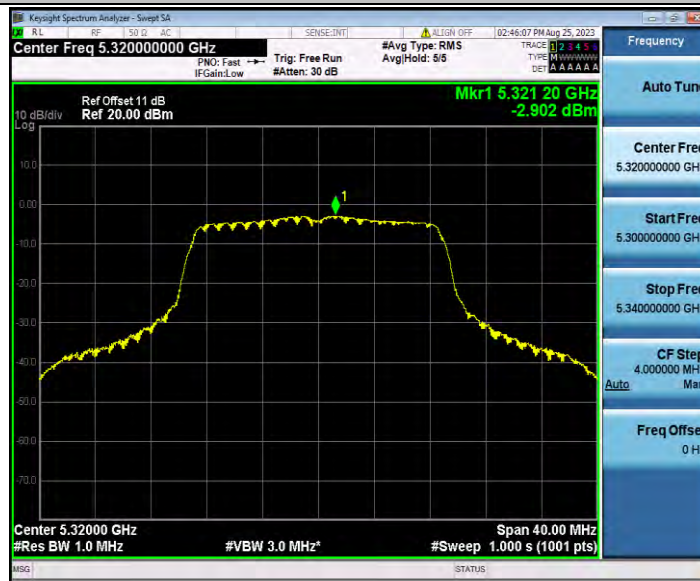
11A\_Ant0\_5320



11N20SISO\_Ant0\_5260



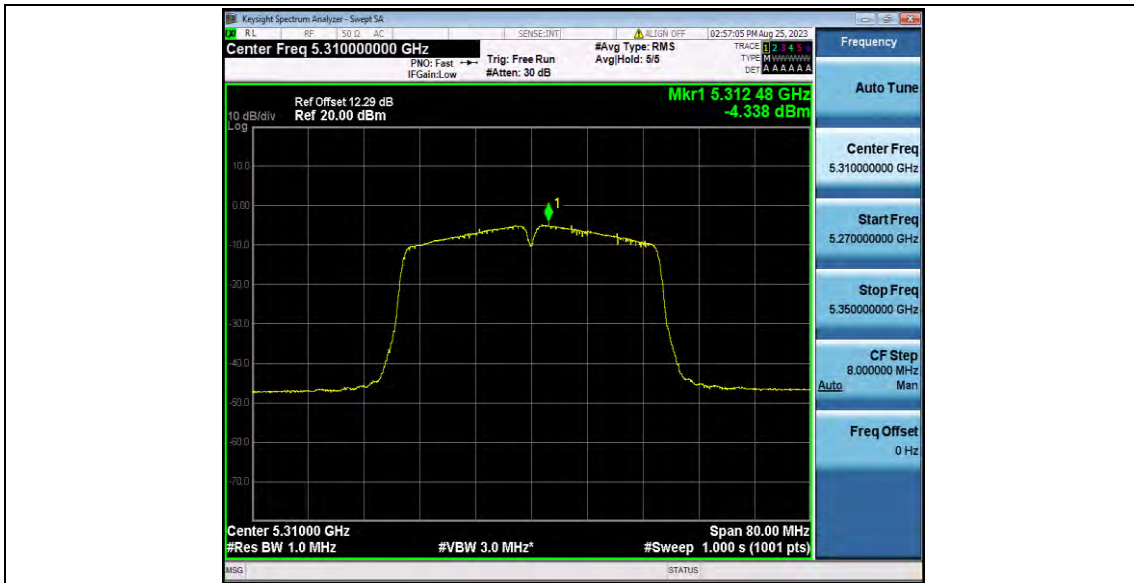
11N20SISO\_Ant0\_5280



11N20SISO\_Ant0\_5320



11N40SISO\_Ant0\_5270



11N40SISO\_Ant0\_5310



11A20SISO\_Ant0\_5260





11AC20SISO\_Ant0\_5280



11AC20SISO\_Ant0\_5320



11AC40SISO\_Ant0\_5270



11AC40SISO\_Ant0\_5310



11AC80SISO\_Ant0\_5290





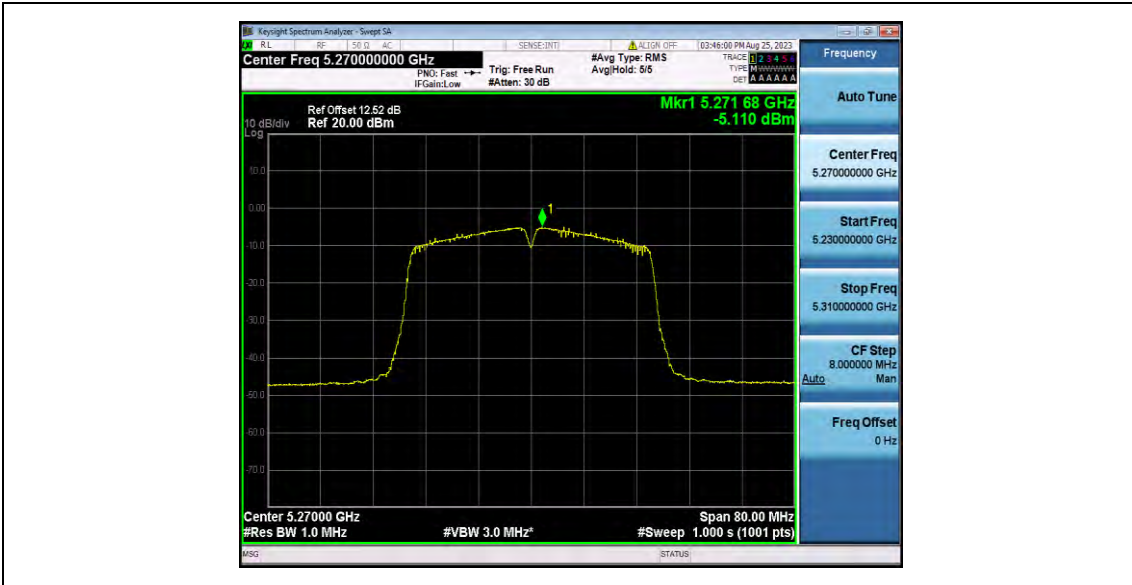
11AX20SISO\_Ant0\_5260



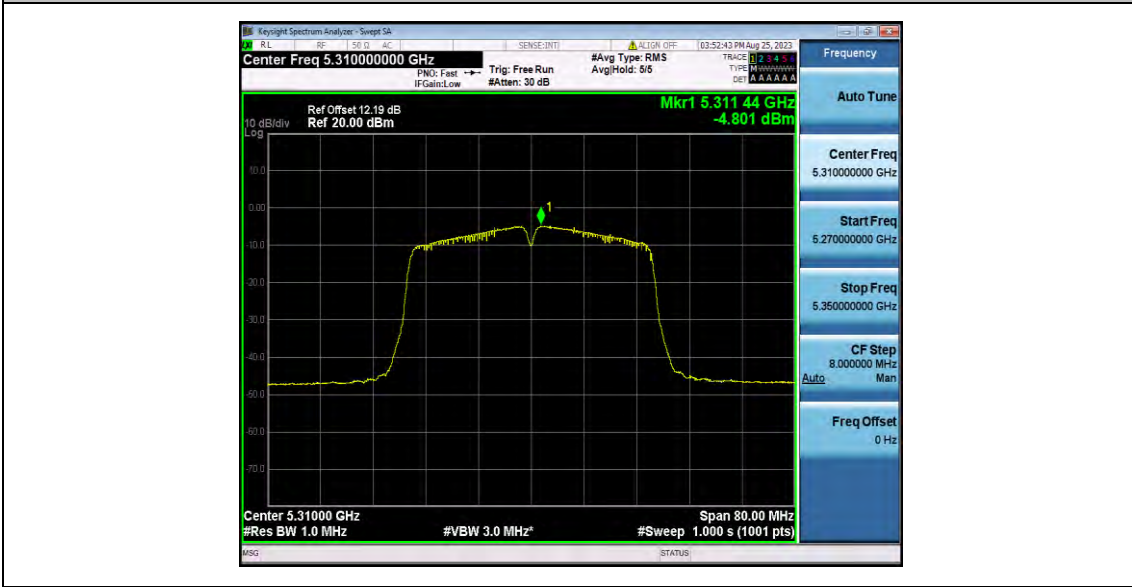
11AX20SISO\_Ant0\_5280



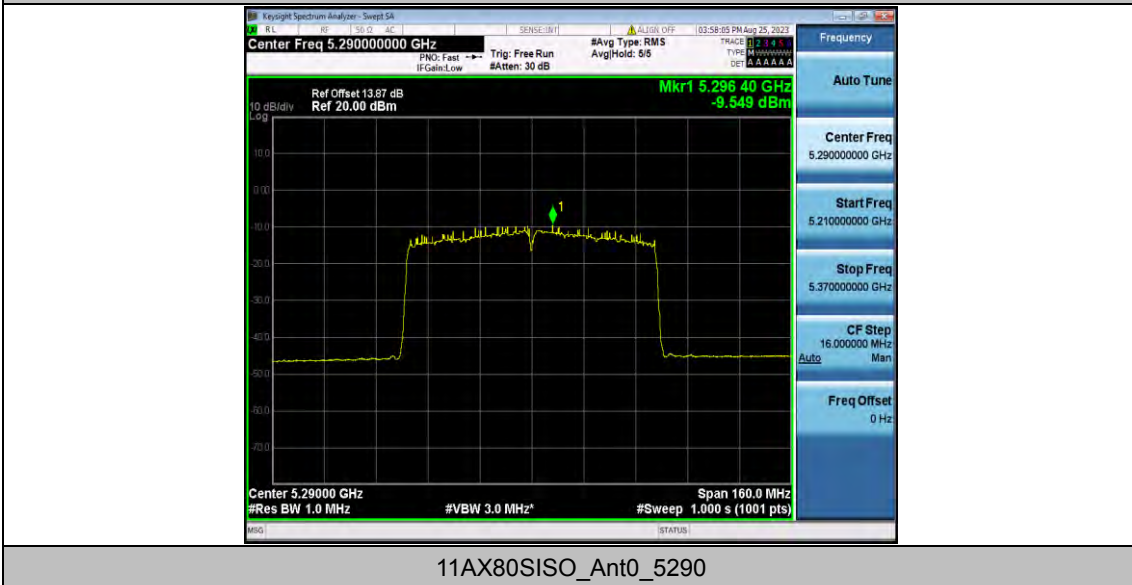
11AX20SISO\_Ant0\_5320



11AX40SISO\_Ant0\_5270



11AX40SISO\_Ant0\_5310



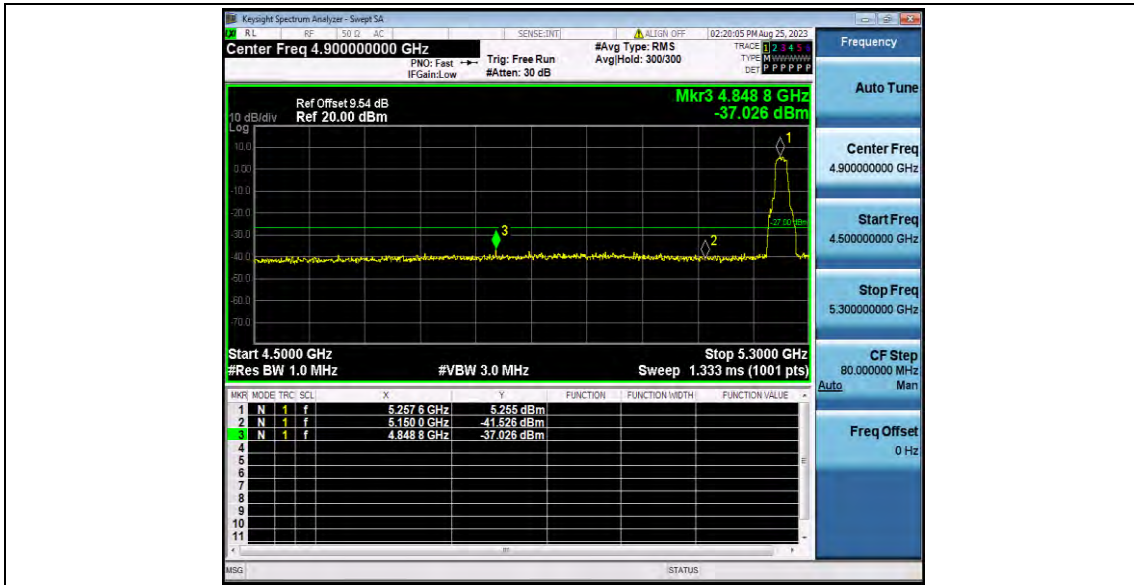
11AX80SISO\_Ant0\_5290

## Appendix D.6: Band edge measurements

### Test Result B2

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5260	-37.03	≤-27	PASS
		High	5320	-38.27	≤-27	PASS
11N20SISO	Ant0	Low	5260	-36.97	≤-27	PASS
		High	5320	-38.21	≤-27	PASS
11N40SISO	Ant0	Low	5270	-38.19	≤-27	PASS
		High	5310	-38.75	≤-27	PASS
11AC20SISO	Ant0	Low	5260	-37.67	≤-27	PASS
		High	5320	-38.69	≤-27	PASS
11AC40SISO	Ant0	Low	5270	-37.84	≤-27	PASS
		High	5310	-38.24	≤-27	PASS
11AC80SISO	Ant0	Low	5290	-37.59	≤-27	PASS
		High	5290	-38.04	≤-27	PASS
11AX20SISO	Ant0	Low	5260	-37.66	≤-27	PASS
		High	5320	-38.3	≤-27	PASS
11AX40SISO	Ant0	Low	5270	-37.71	≤-27	PASS
		High	5310	-38.16	≤-27	PASS
11AX80SISO	Ant0	Low	5290	-38.14	≤-27	PASS
		High	5290	-38.35	≤-27	PASS

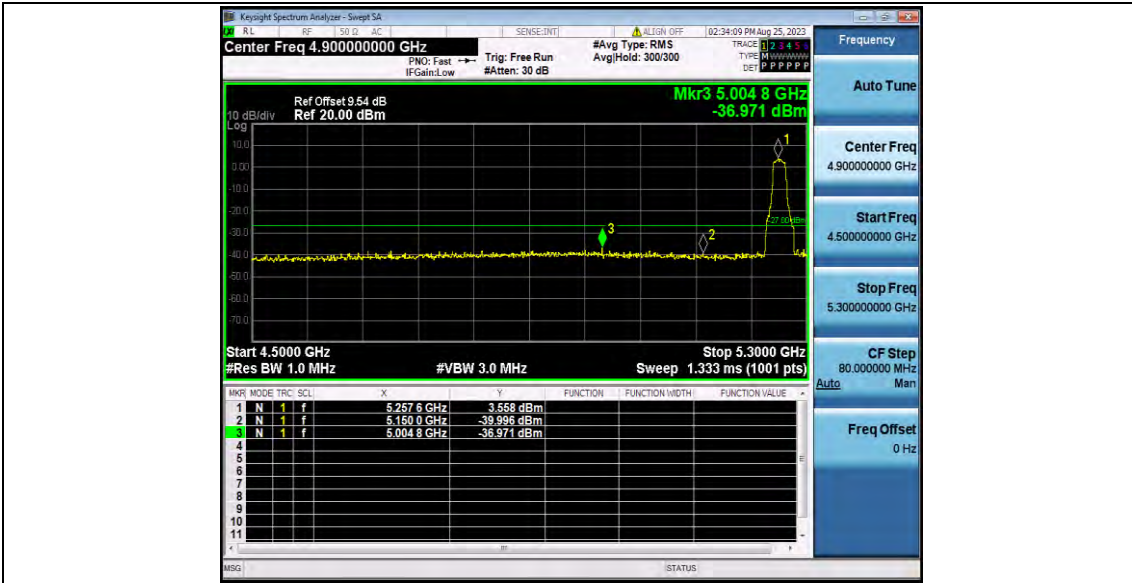
## Test Graphs B2



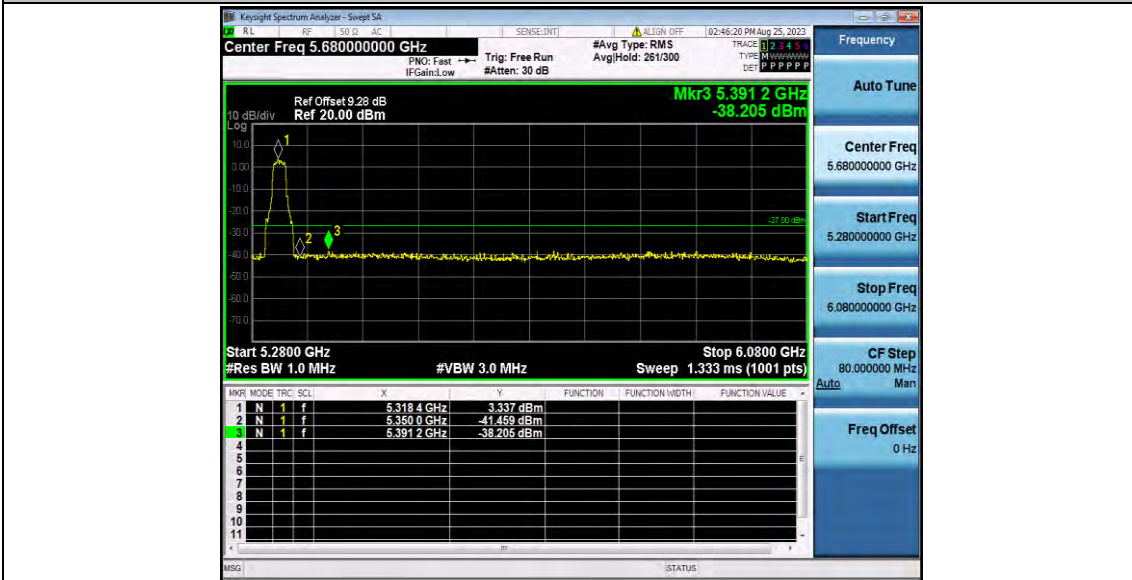
11A\_Ant0\_Low\_5260



11A\_Ant0\_High\_5320



11N20SISO\_Ant0\_Low\_5260

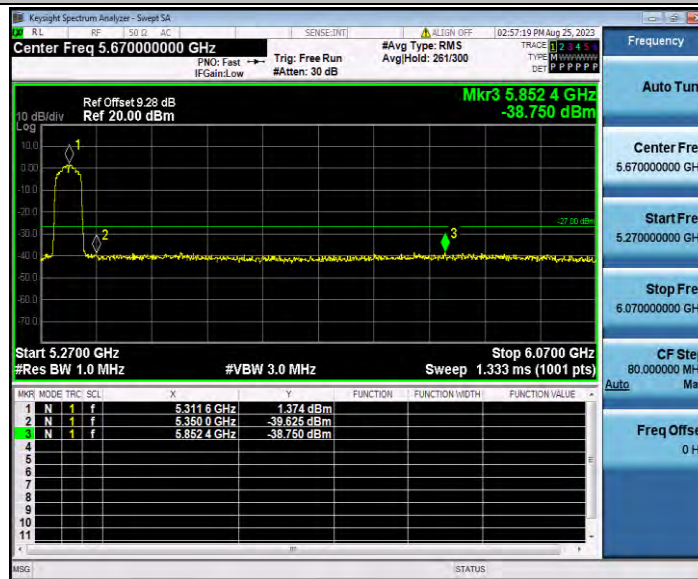


11N20SISO\_Ant0\_High\_5320

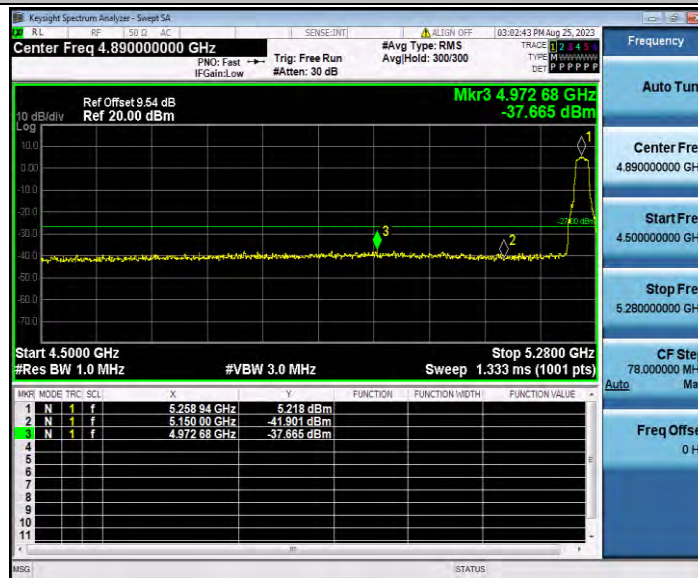




11N40SISO\_Ant0\_Low\_5270



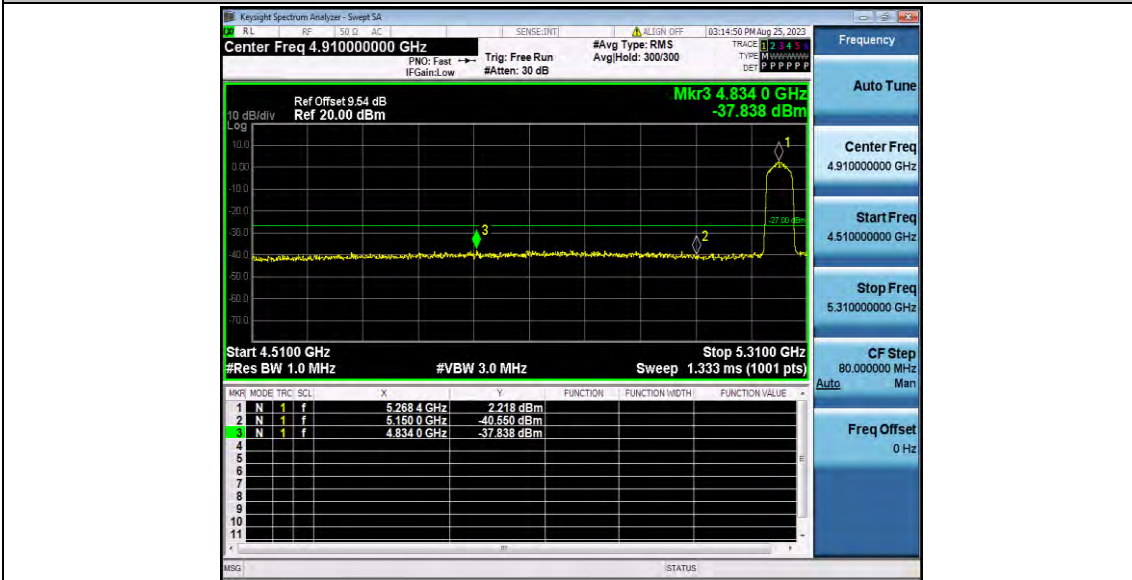
11N40SISO\_Ant0\_High\_5310



11AC20SISO\_Ant0\_Low\_5260



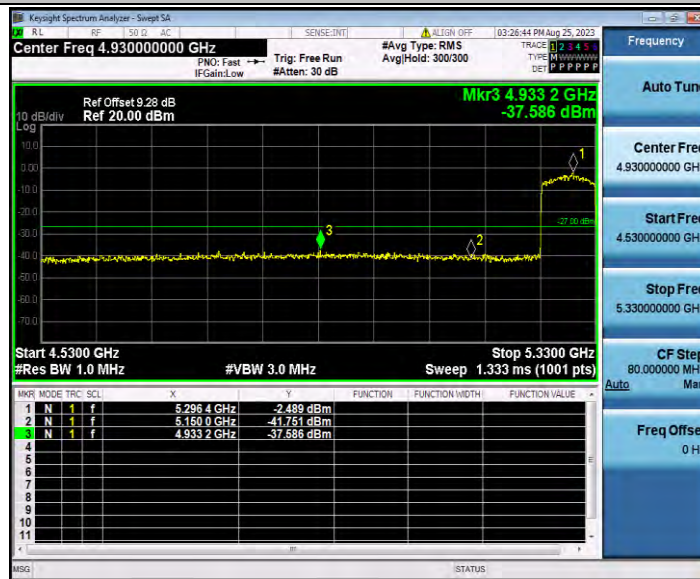
11AC20SISO\_Ant0\_High\_5320



11AC40SISO\_Ant0\_Low\_5270



11AC40SISO\_Ant0\_High\_5310

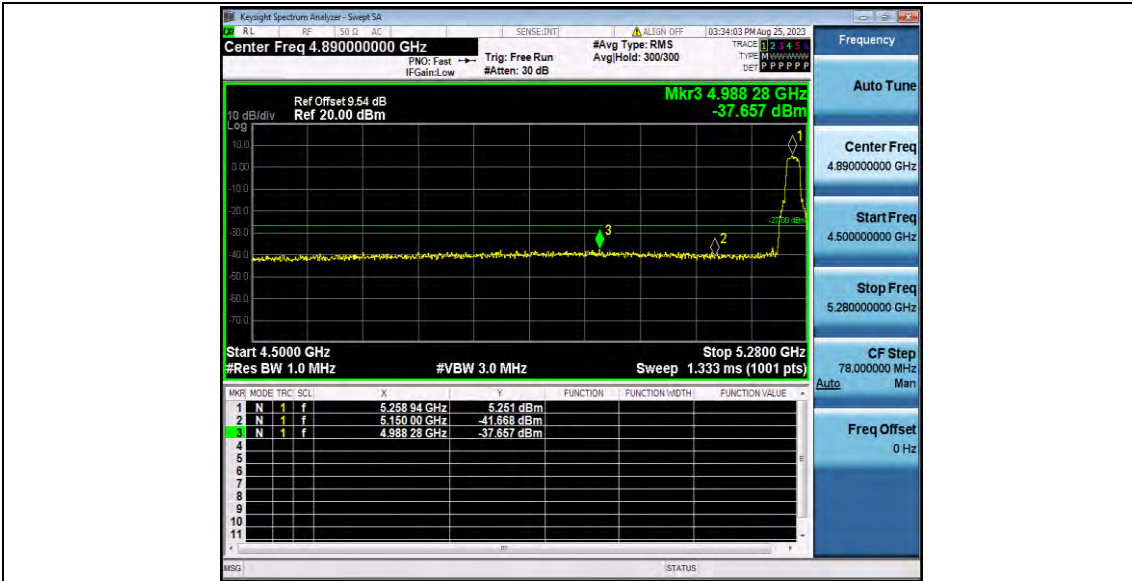


11AC80SISO\_Ant0\_Low\_5290

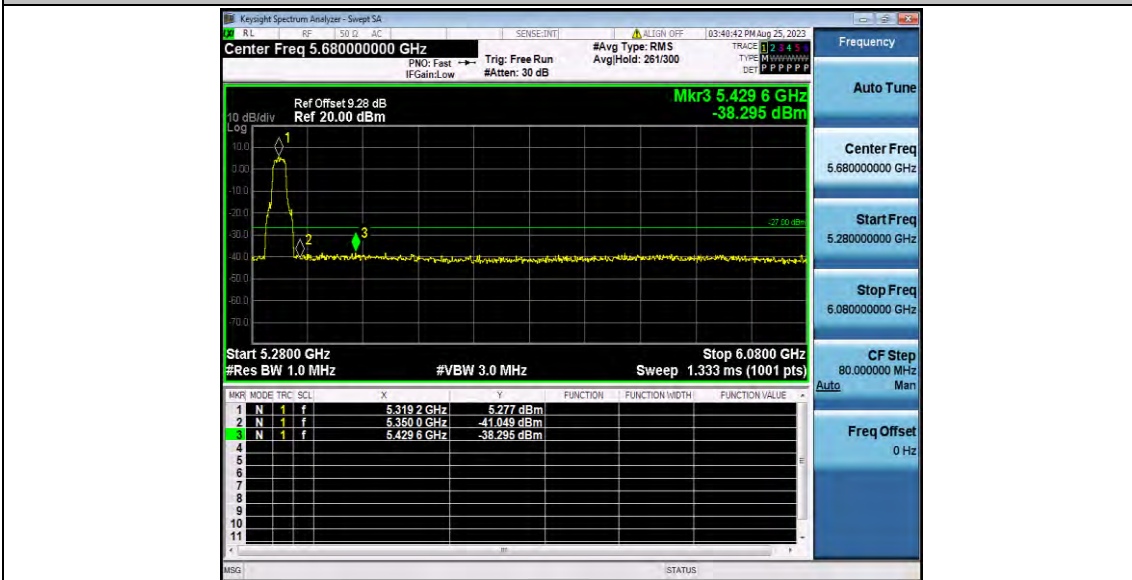


11AC80SISO\_Ant0\_High\_5290

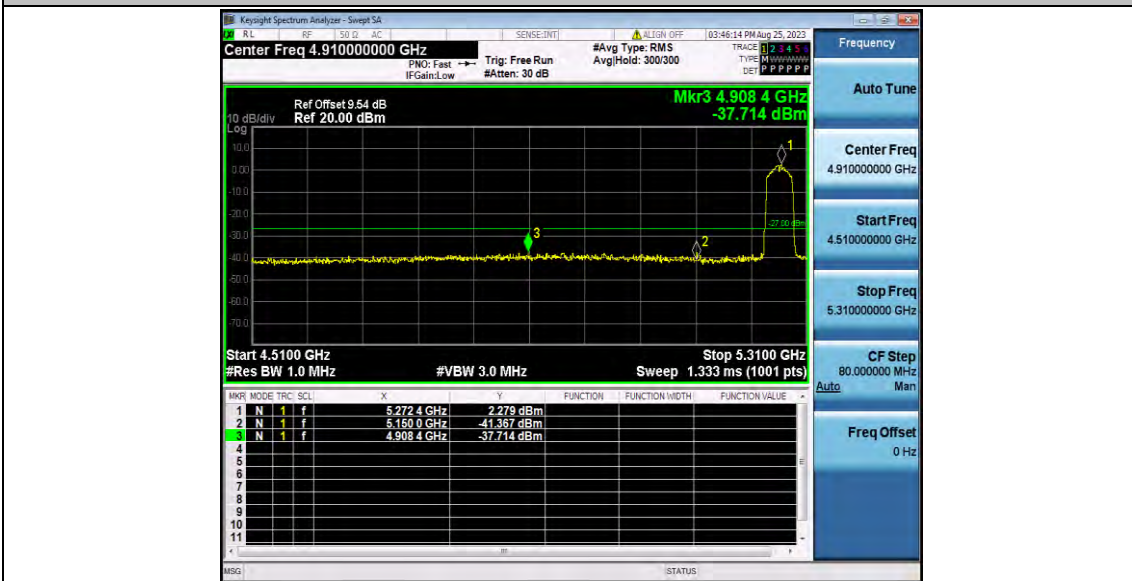




11AX20SISO\_Ant0\_Low\_5260



11AX20SISO\_Ant0\_High\_5320



11AX40SISO\_Ant0\_Low\_5270

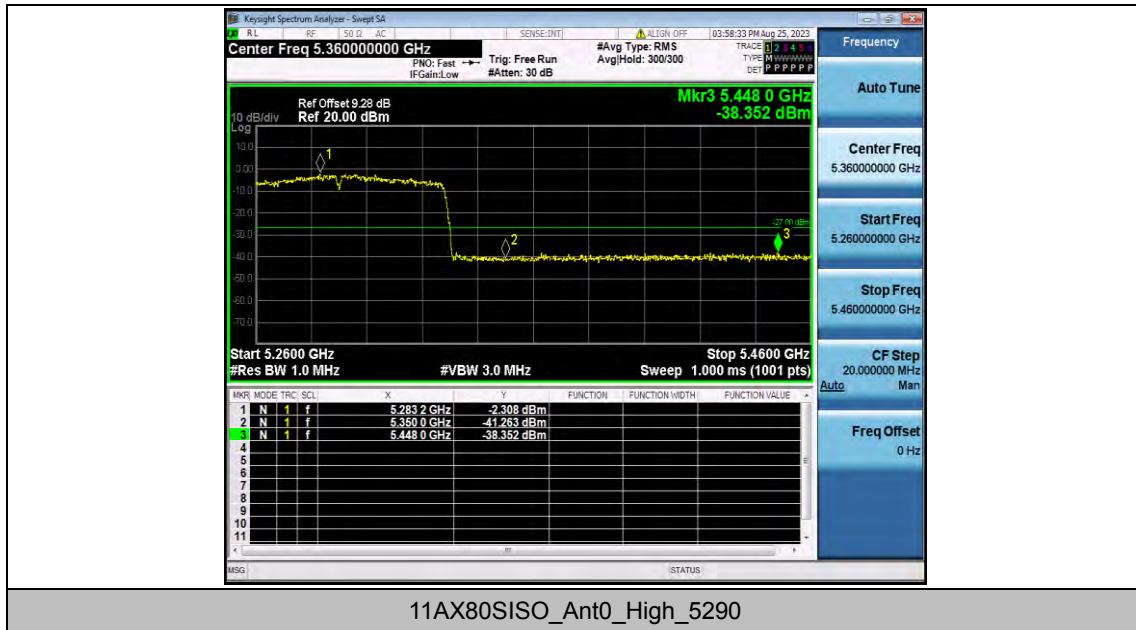


11AX40SISO\_Ant0\_High\_5310



11AX80SISO\_Ant0\_Low\_5290





11AX80SISO\_Ant0\_High\_5290

## Appendix D.7: Conducted Spurious Emission

### Test Result

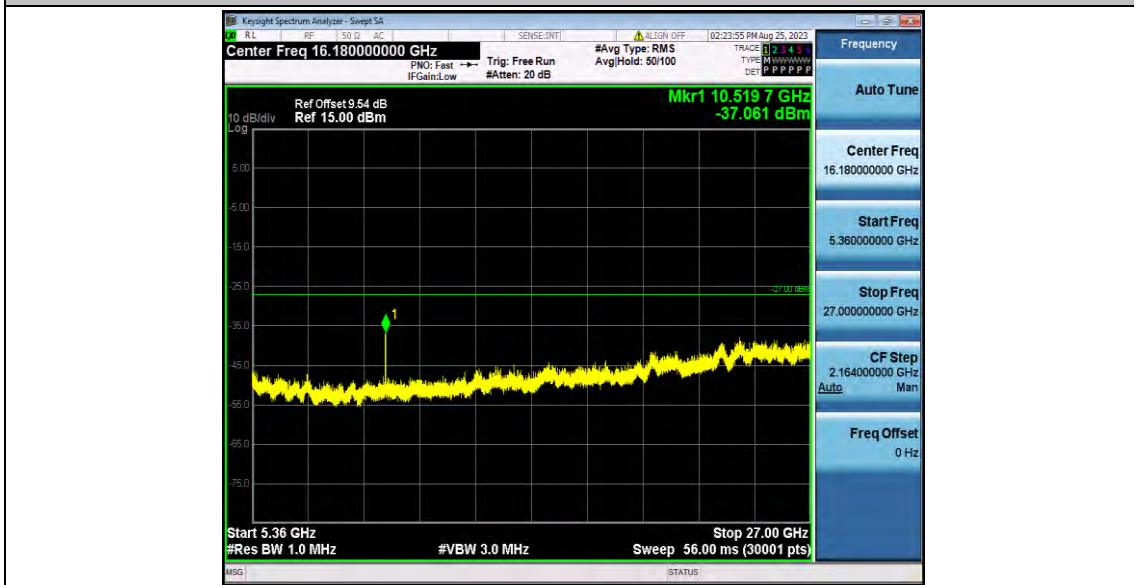
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5260	30~5140	2658.07	-46.76	≤-27	PASS
			5360~40000	10519.7	-37.06	≤-27	PASS
		5280	30~5140	5015.49	-46.82	≤-27	PASS
			5360~40000	10555.76	-36.66	≤-27	PASS
		5320	30~5140	2788.21	-47.4	≤-27	PASS
			5360~40000	10639.44	-36.94	≤-27	PASS
11N20SISO	Ant0	5260	30~5140	2627.58	-47.24	≤-27	PASS
			5360~40000	26479.92	-37.52	≤-27	PASS
		5280	30~5140	4932.53	-46.39	≤-27	PASS
			5360~40000	26246.93	-37.35	≤-27	PASS
		5320	30~5140	4955.53	-47.02	≤-27	PASS
			5360~40000	26622.74	-37.89	≤-27	PASS
11N40SISO	Ant0	5270	30~5140	2673.74	-46.02	≤-27	PASS
			5360~40000	26922.1	-38.05	≤-27	PASS
		5310	30~5140	3001.81	-47.63	≤-27	PASS
			5360~40000	25623.7	-37.44	≤-27	PASS
11AC20SISO	Ant0	5260	30~5140	4972.9	-47.29	≤-27	PASS
			5360~40000	24266.15	-36.17	≤-27	PASS
		5280	30~5140	5119.56	-47.11	≤-27	PASS
			5360~40000	10559.37	-37.57	≤-27	PASS
		5320	30~5140	4812.62	-47.58	≤-27	PASS
			5360~40000	10636.55	-36.19	≤-27	PASS
11AC40SISO	Ant0	5270	30~5140	5082.43	-46.86	≤-27	PASS
			5360~40000	24248.83	-37.85	≤-27	PASS
		5310	30~5140	4804.61	-47.27	≤-27	PASS
			5360~40000	25186.57	-37.97	≤-27	PASS
11AC80SISO	Ant0	5290	30~5140	4792.69	-47.49	≤-27	PASS
			5360~40000	24238.74	-37.81	≤-27	PASS
11AX20SISO	Ant0	5260	30~5140	2536.63	-47.16	≤-27	PASS
			5360~40000	10521.14	-37.56	≤-27	PASS
		5280	30~5140	5090.09	-47.3	≤-27	PASS
			5360~40000	10554.32	-36.91	≤-27	PASS
		5320	30~5140	4995.9	-46.83	≤-27	PASS
			5360~40000	10643.05	-35.95	≤-27	PASS
11AX40SISO	Ant0	5270	30~5140	5046.83	-47.05	≤-27	PASS
			5360~40000	26479.2	-37.46	≤-27	PASS

		5310	30~5140	3170.44	-47.3	$\leq -27$	PASS
			5360~40000	25568.15	-38.4	$\leq -27$	PASS
11AX80SISO	Ant0	5290	30~5140	2778.5	-47.53	$\leq -27$	PASS
			5360~40000	24926.17	-37.65	$\leq -27$	PASS

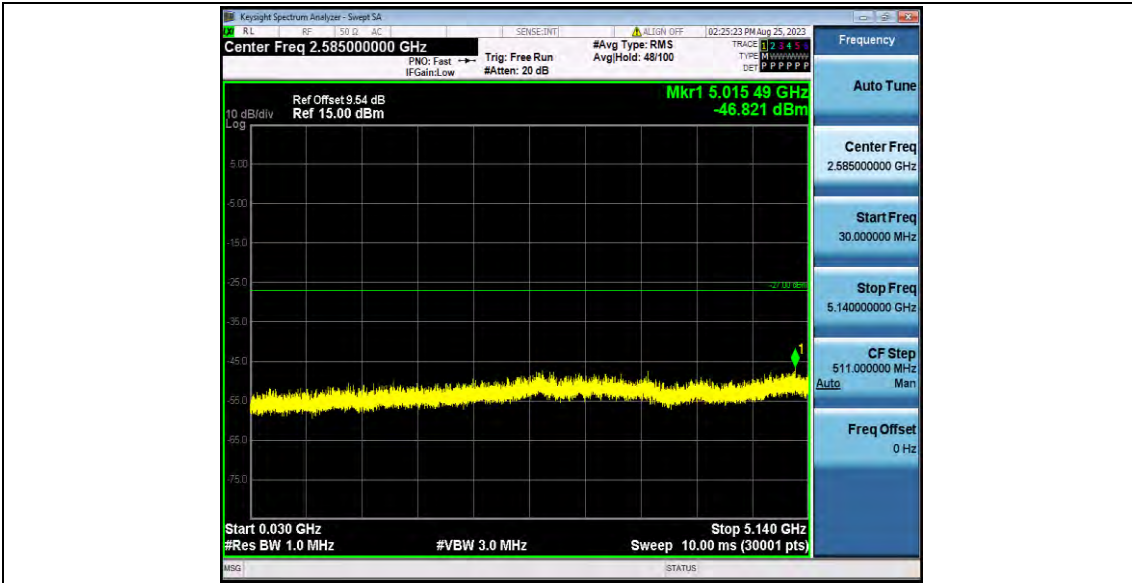
## Test Graphs



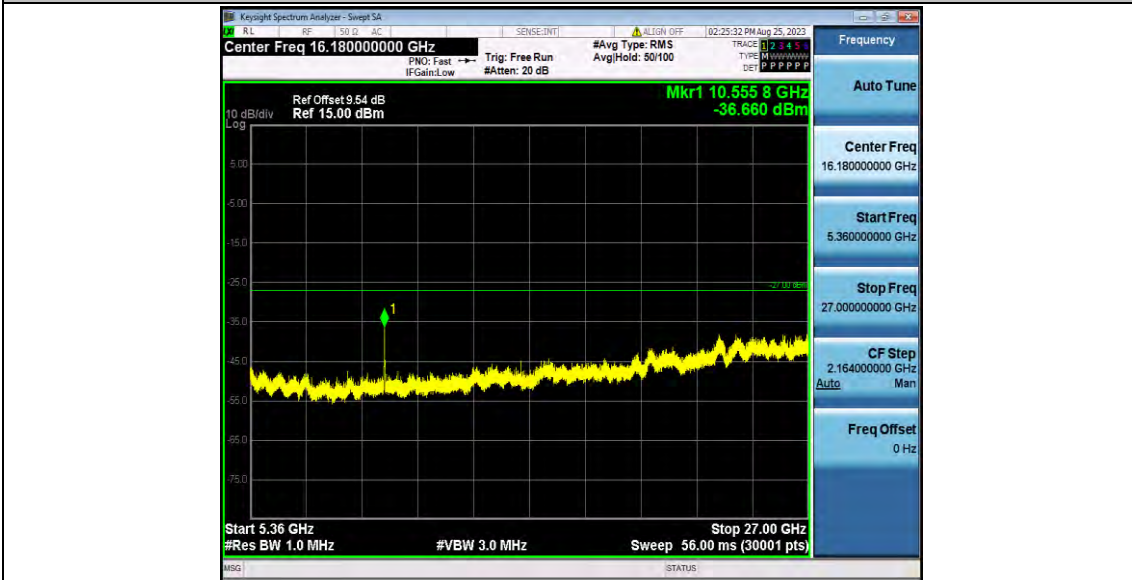
11A\_Ant0\_5260\_30~5140



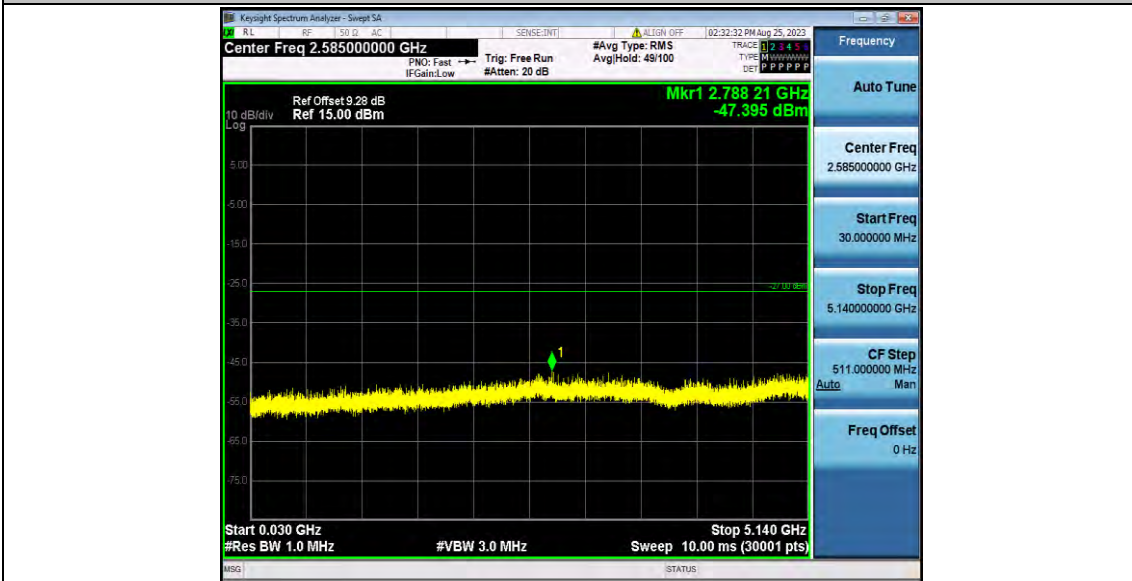
11A\_Ant0\_5260\_5360~40000



11A\_Ant0\_5280\_30~5140

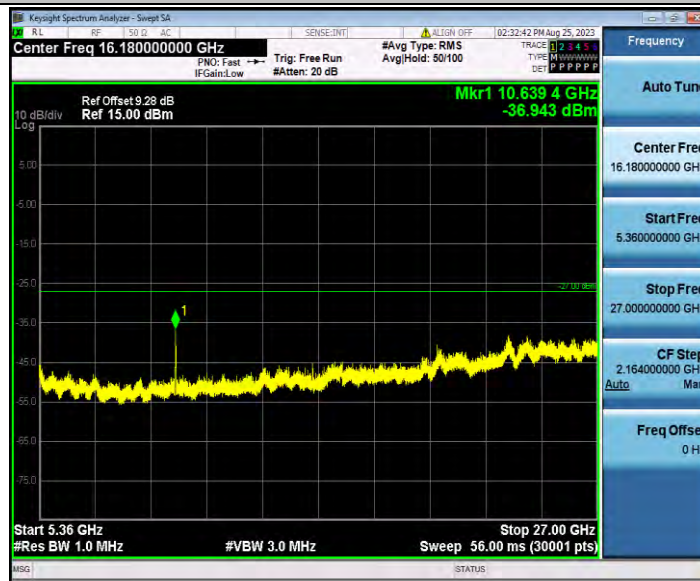


11A\_Ant0\_5280\_5360~40000

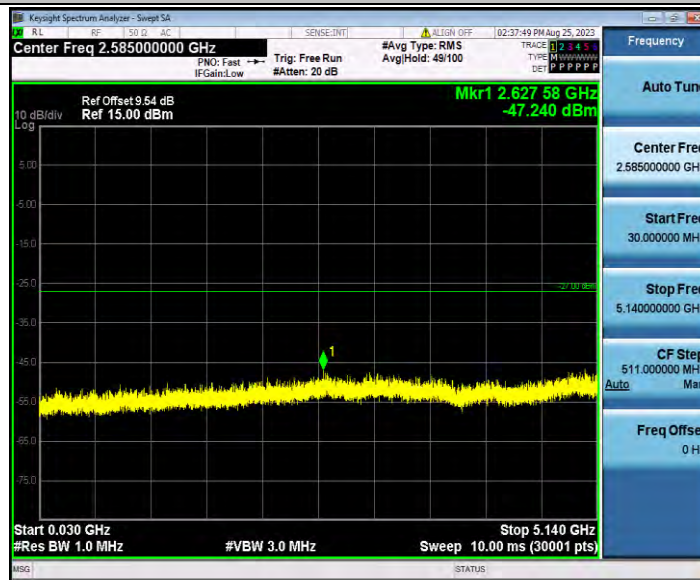




11A\_Ant0\_5320\_30~5140



11A\_Ant0\_5320\_5360~40000



11N20SISO\_Ant0\_5260\_30~5140



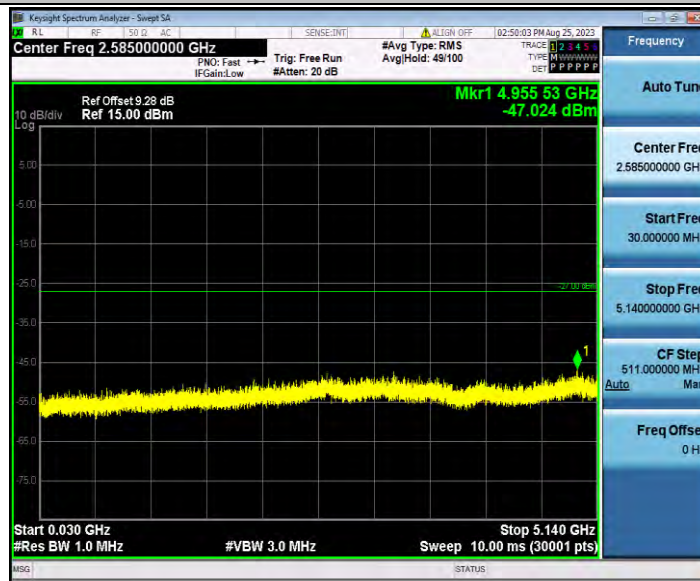
11N20SISO\_Ant0\_5260\_5360~40000



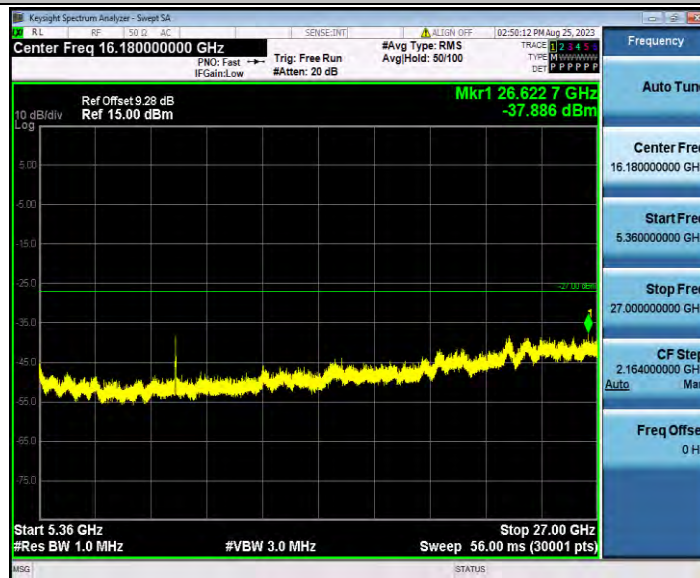
11N20SISO\_Ant0\_5280\_30~5140



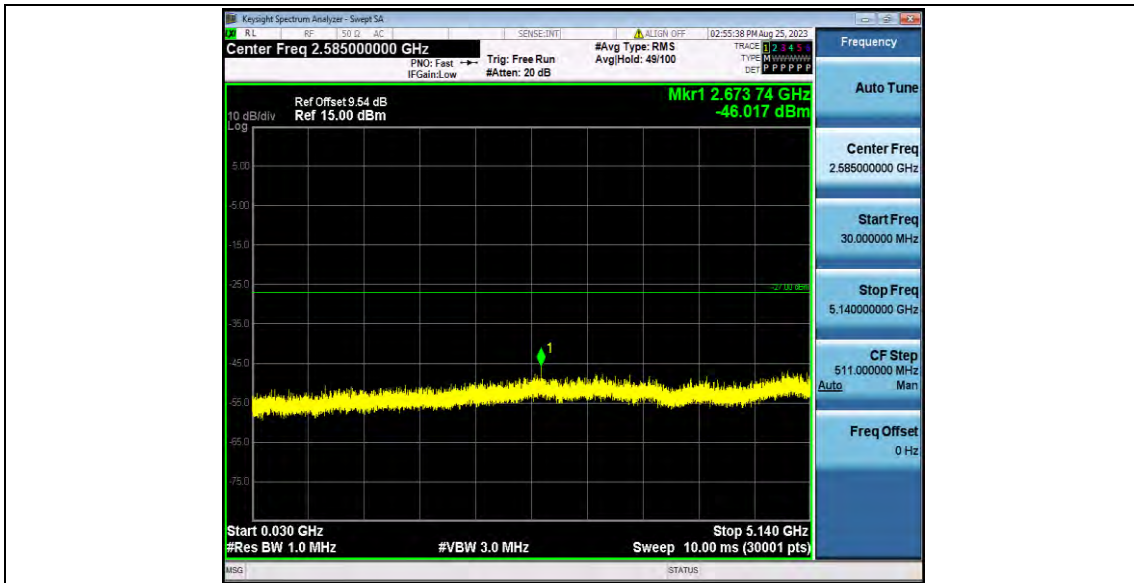
11N20SISO\_Ant0\_5280\_5360~40000



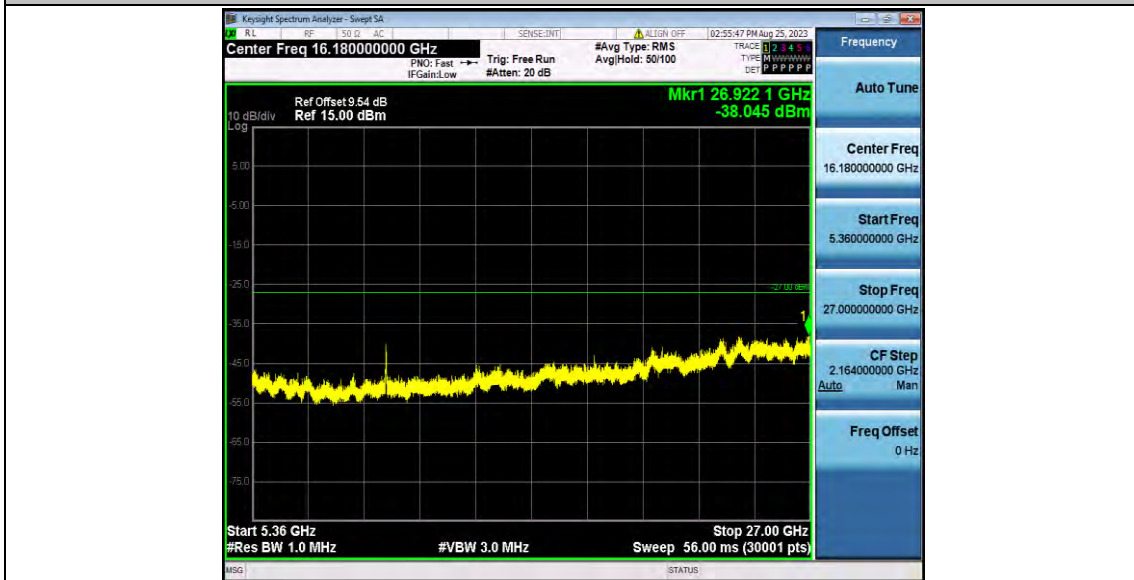
11N20SISO\_Ant0\_5320\_30~5140



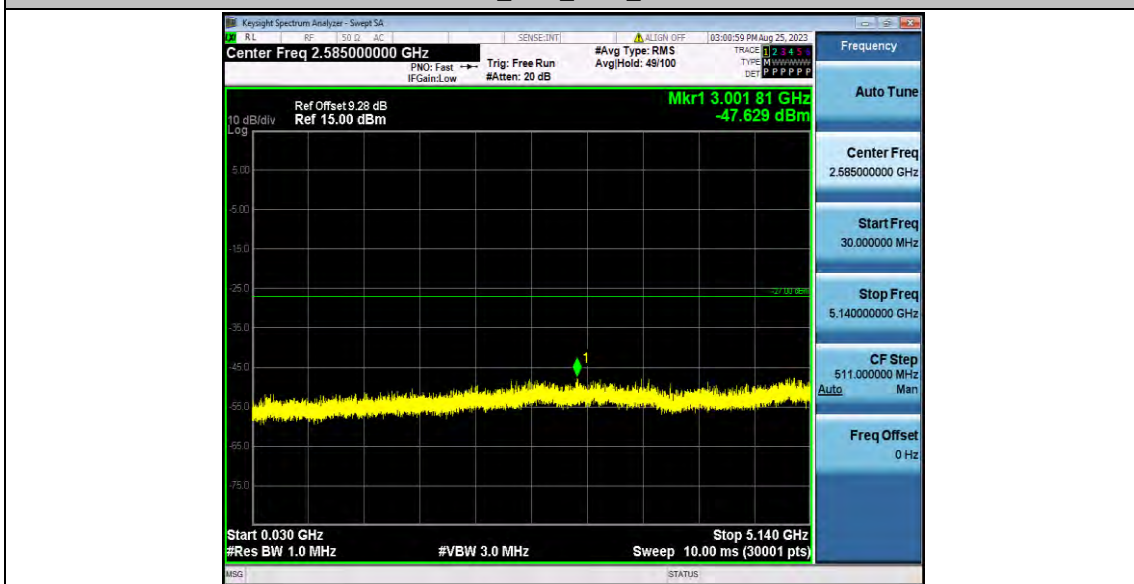
11N20SISO\_Ant0\_5320\_5360~40000



11N40SISO\_Ant0\_5270\_30~5140

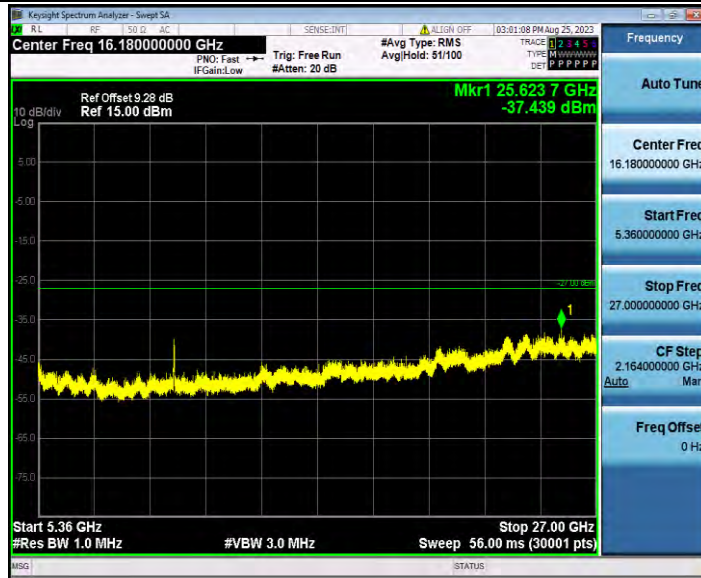


11N40SISO\_Ant0\_5270\_5360~40000

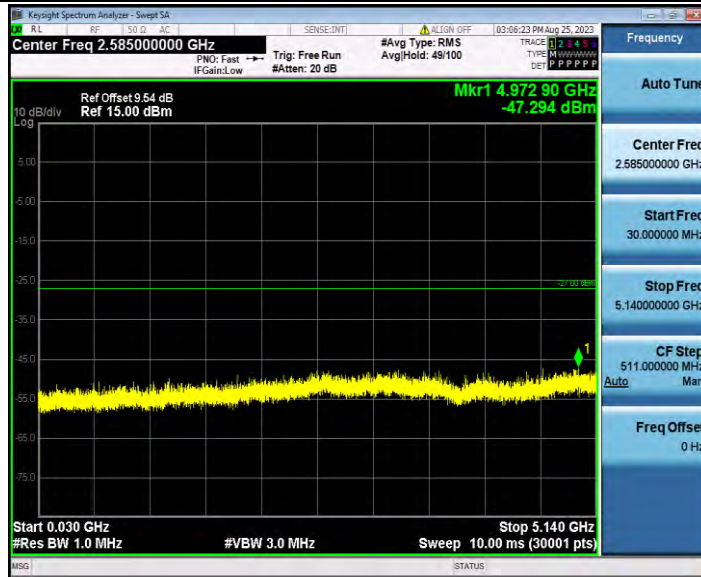




11N40SISO\_Ant0\_5310\_30~5140



11N40SISO\_Ant0\_5310\_5360~40000



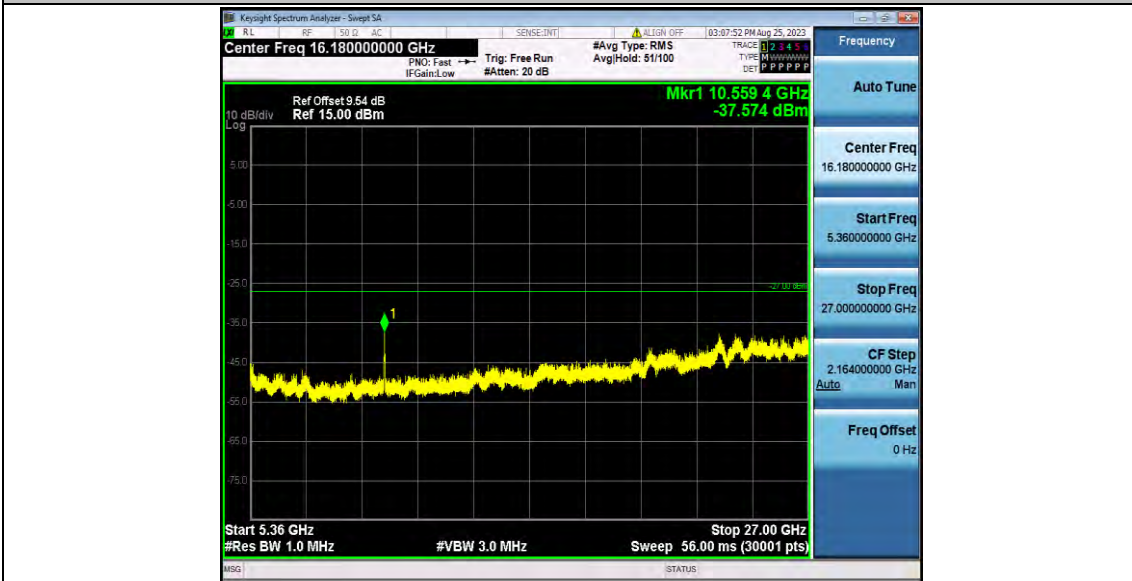
11AC20SISO\_Ant0\_5260\_30~5140



11AC20SISO\_Ant0\_5260\_5360~40000

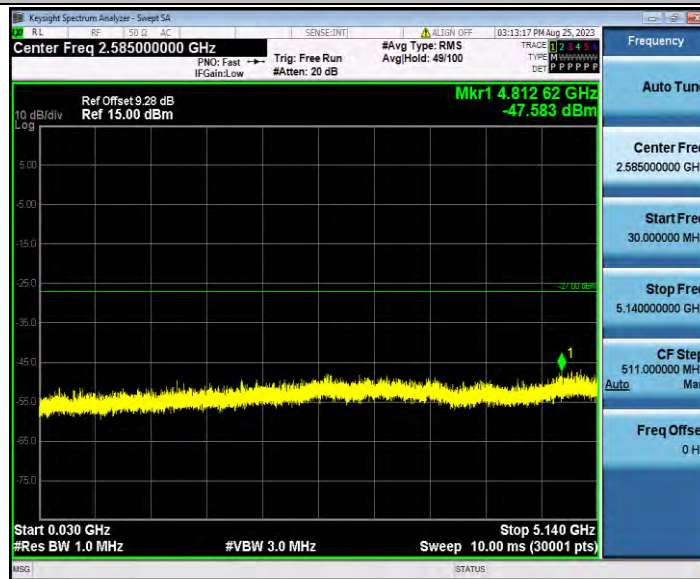


11AC20SISO\_Ant0\_5280\_30~5140

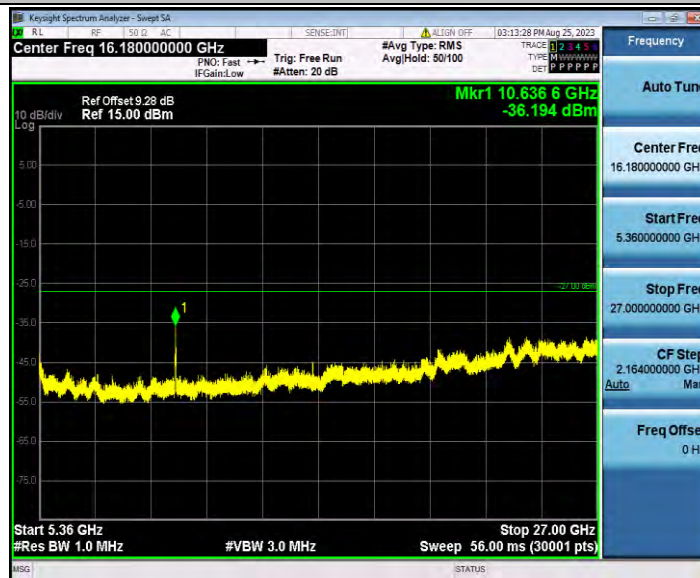




11AC20SISO\_Ant0\_5280\_5360~40000



11AC20SISO\_Ant0\_5320\_30~5140



11AC20SISO\_Ant0\_5320\_5360~40000



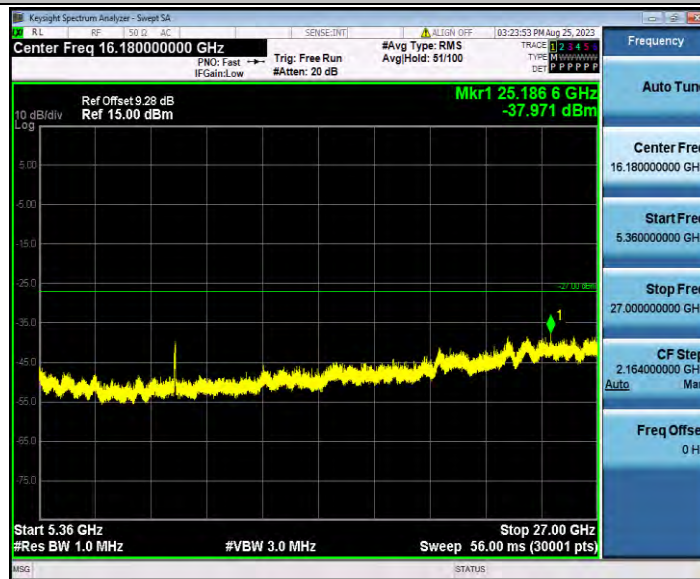
11AC40SISO\_Ant0\_5270\_30~5140



11AC40SISO\_Ant0\_5270\_5360~40000



11AC40SISO\_Ant0\_5310\_30~5140



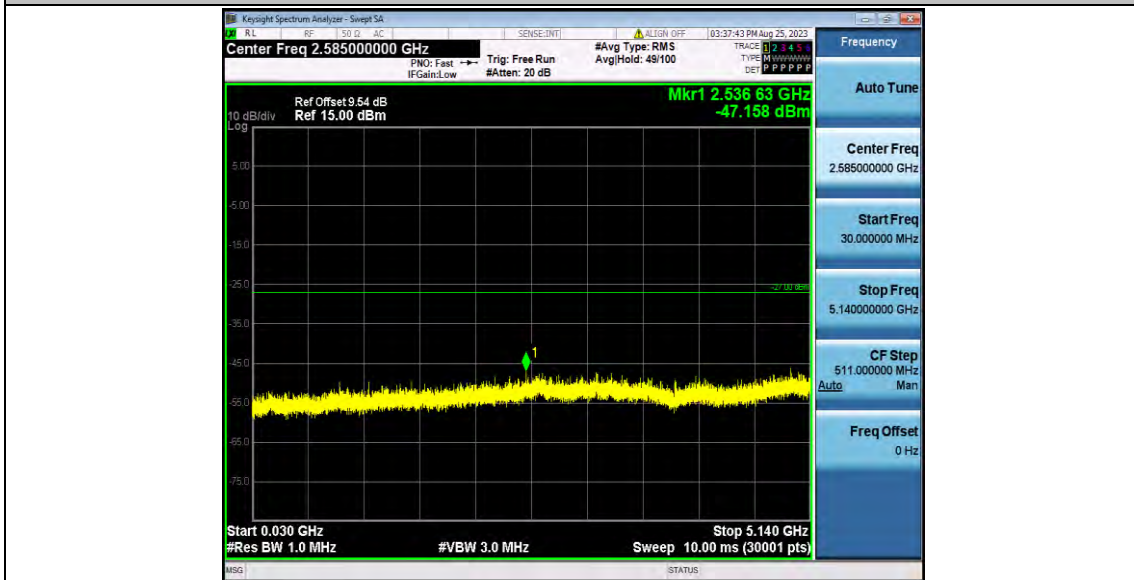
11AC40SISO\_Ant0\_5310\_5360~40000



11AC80SISO\_Ant0\_5290\_30~5140



11AC80SISO\_Ant0\_5290\_5360~40000

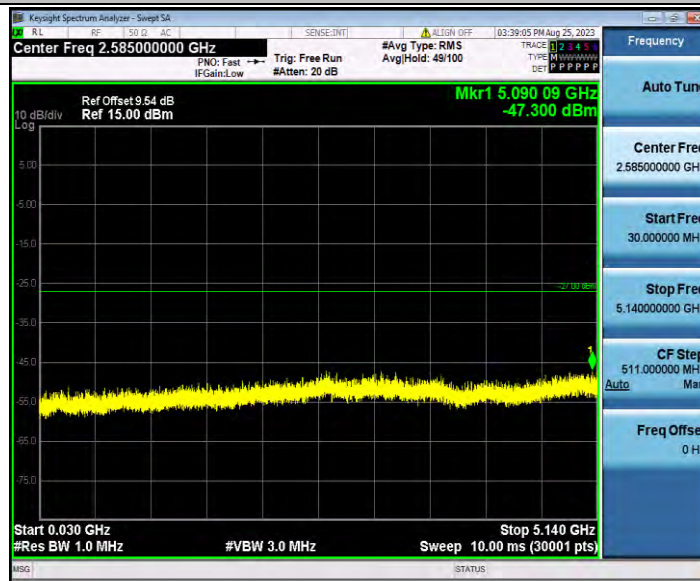


11AX20SISO\_Ant0\_5260\_30~5140

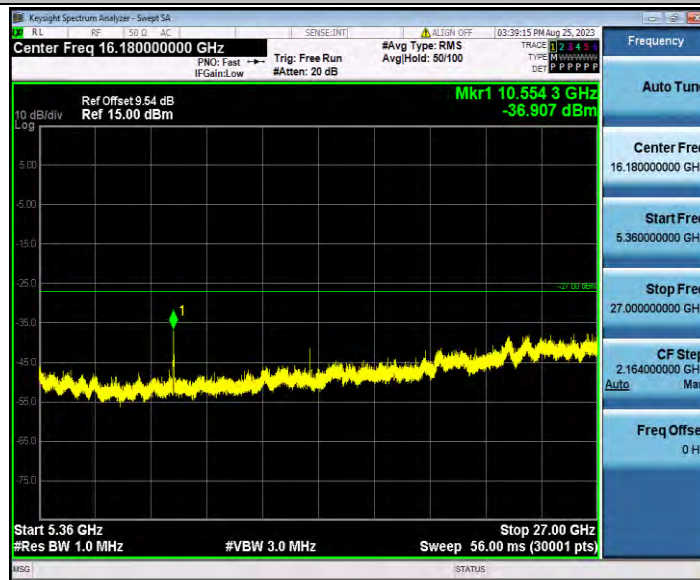




11AX20SISO\_Ant0\_5260\_5360~40000

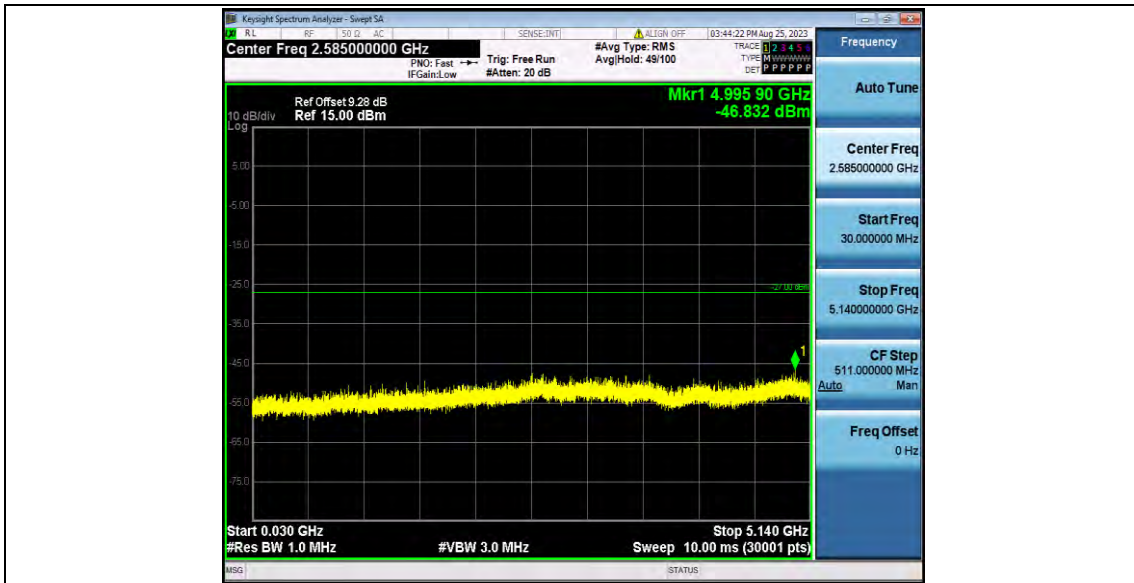


11AX20SISO\_Ant0\_5280\_30~5140

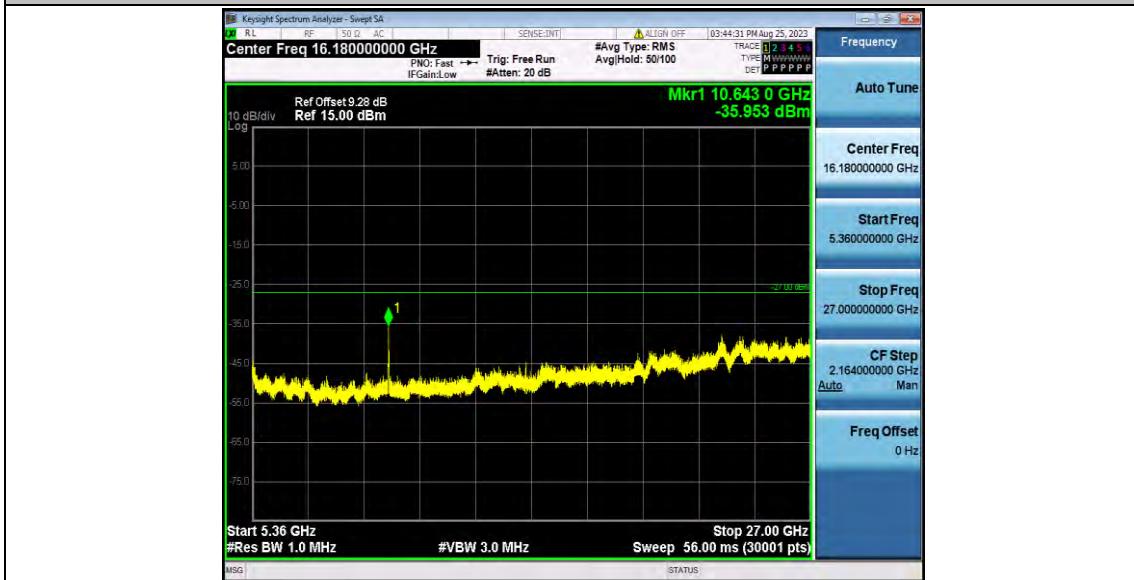


11AX20SISO\_Ant0\_5280\_5360~40000

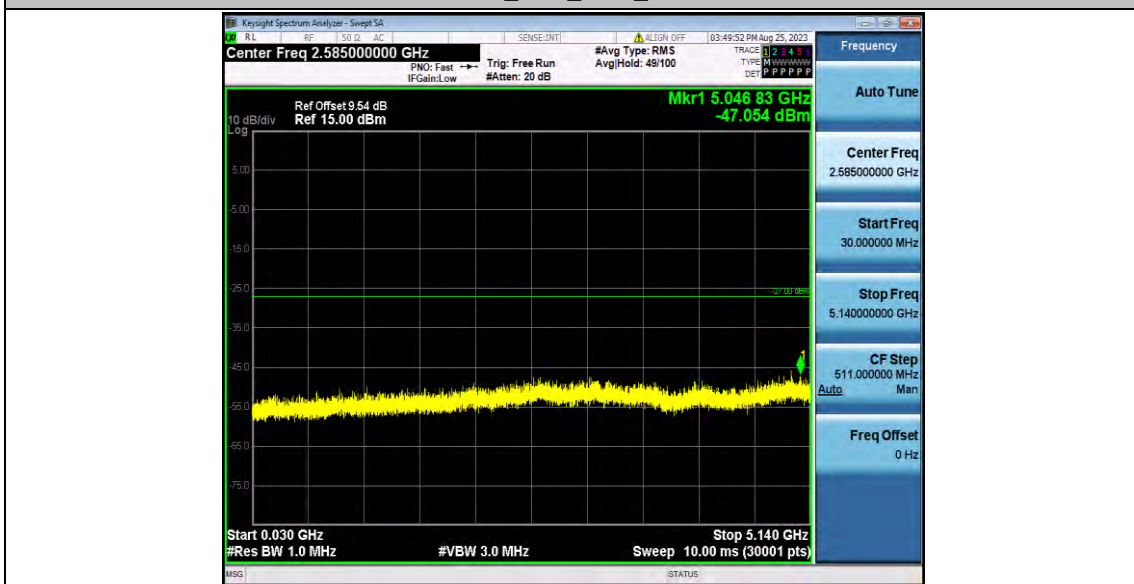




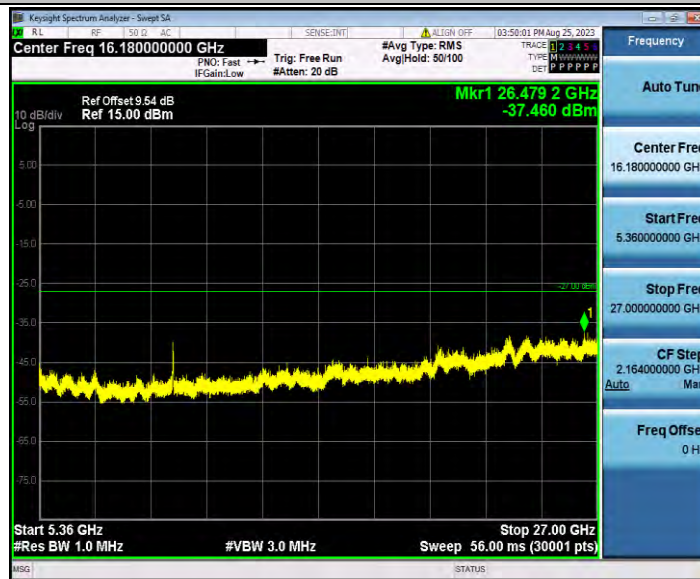
11AX20SISO\_Ant0\_5320\_30~5140



11AX20SISO\_Ant0\_5320\_5360~40000



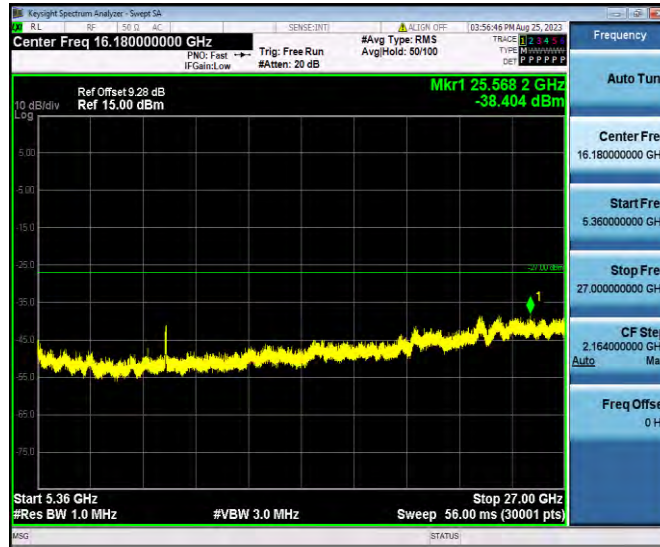
11AX40SISO\_Ant0\_5270\_30~5140



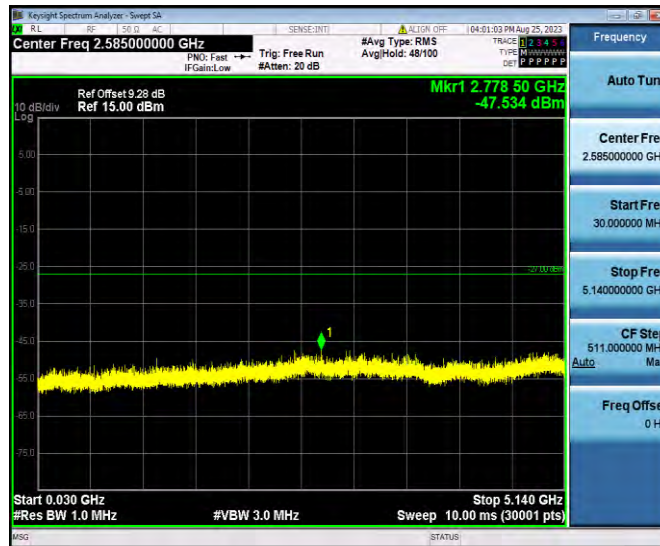
11AX40SISO\_Ant0\_5270\_5360~40000



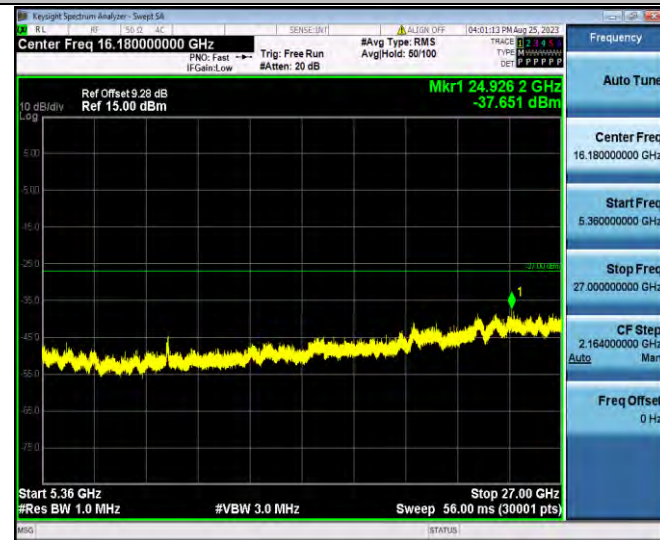
11AX40SISO\_Ant0\_5310\_30~5140



11AX40SISO\_Ant0\_5310\_5360~40000



11AX80SISO\_Ant0\_5290\_30~5140



11AX80SISO\_Ant0\_5290\_5360~40000