

## Appendix E.6: Band edge measurements

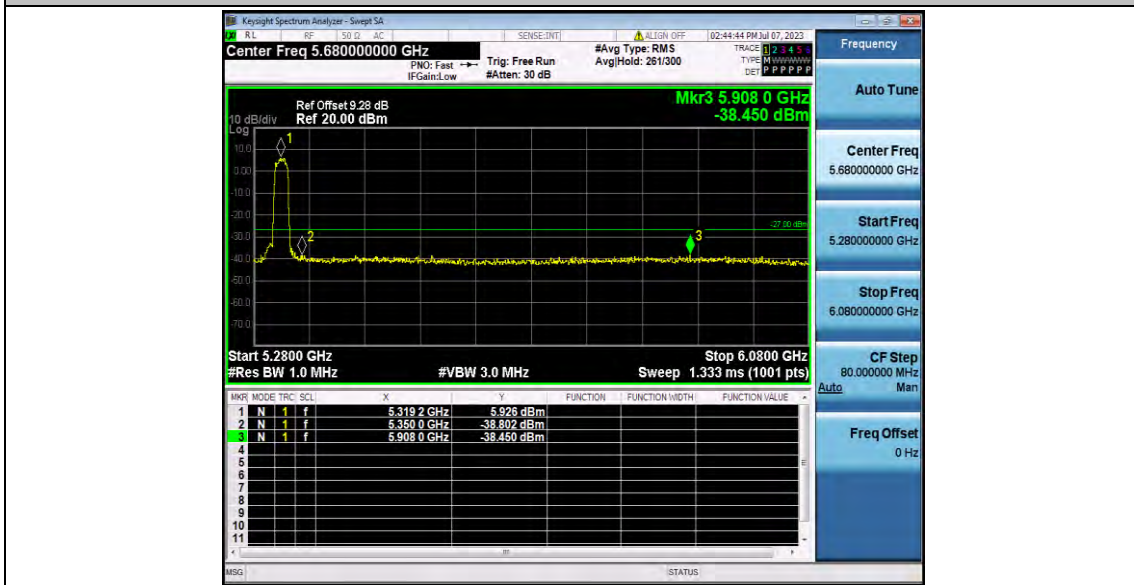
### Test Result B2

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-37.41	$\leq -27$	PASS
		High	5320	-38.45	$\leq -27$	PASS
11N20SISO	Ant1	Low	5260	-37.3	$\leq -27$	PASS
		High	5320	-32.1	$\leq -27$	PASS
11N40SISO	Ant1	Low	5270	-37.57	$\leq -27$	PASS
		High	5310	-37.82	$\leq -27$	PASS
11AC20SISO	Ant1	Low	5260	-37.86	$\leq -27$	PASS
		High	5320	-24.95	$\leq -27$	FAIL
11AC40SISO	Ant1	Low	5270	-37.55	$\leq -27$	PASS
		High	5310	-38.47	$\leq -27$	PASS
11AC80SISO	Ant1	Low	5290	-37.93	$\leq -27$	PASS
		High	5290	-35.62	$\leq -27$	PASS

## Test Graphs B2



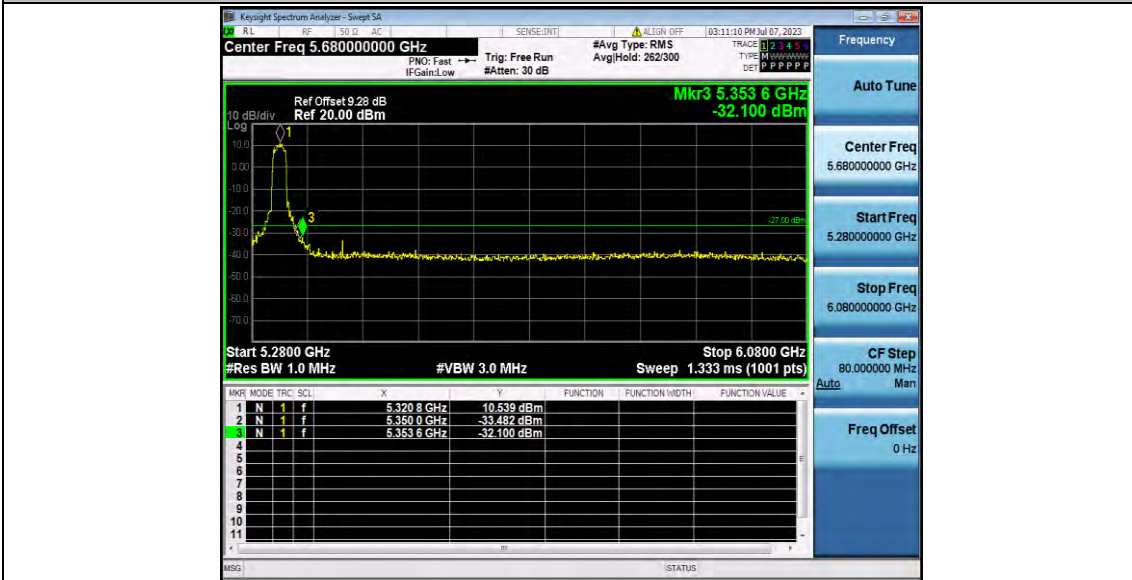
11A\_Ant1\_Low\_5260



11A\_Ant1\_High\_5320



11N20SISO\_Ant1\_Low\_5260



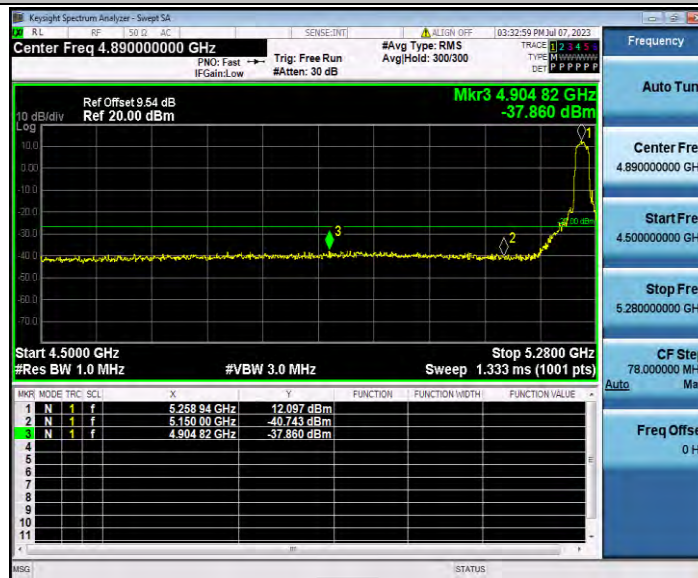
11N20SISO\_Ant1\_High\_5320



11N40SISO\_Ant1\_Low\_5270



11N40SISO\_Ant1\_High\_5310



11AC20SISO\_Ant1\_Low\_5260



11AC20SISO\_Ant1\_High\_5320



11AC40SISO\_Ant1\_Low\_5270



11AC40SISO\_Ant1\_High\_5310



11AC80SISO\_Ant1\_Low\_5290



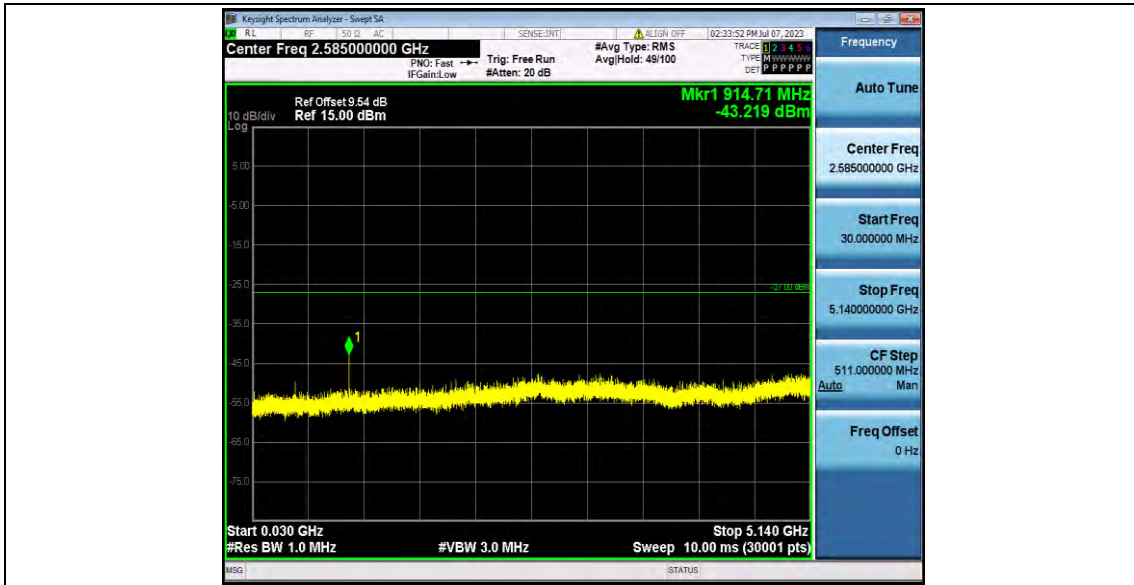
11AC80SISO\_Ant1\_High\_5290

## Appendix E.7: Conducted Spurious Emission

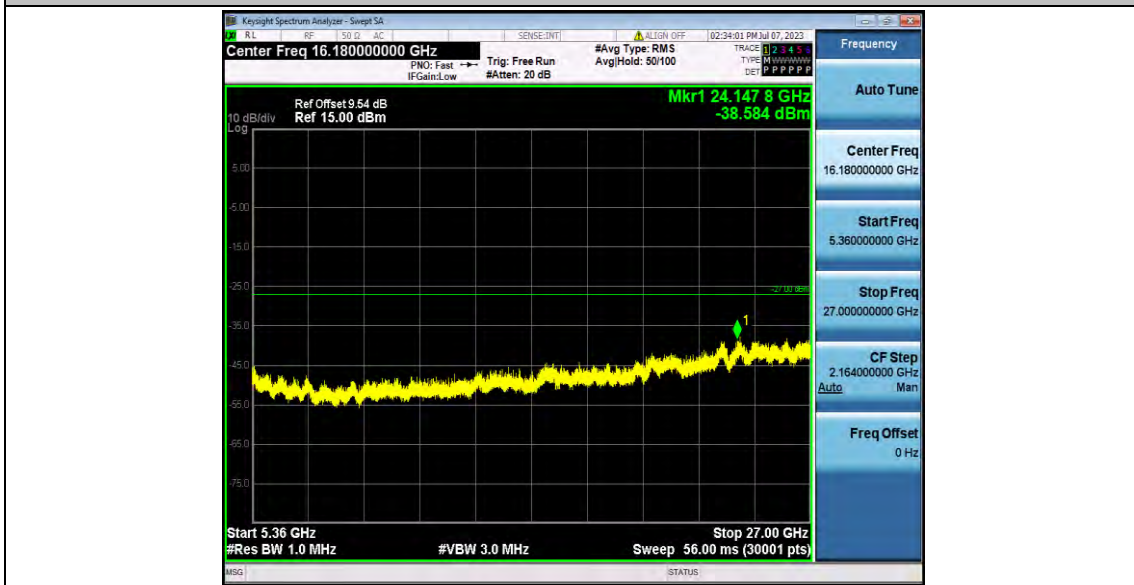
### Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	914.71	-43.22	≤-27	PASS
			5360~40000	24147.85	-38.58	≤-27	PASS
		5280	30~5140	914.37	-42.41	≤-27	PASS
			5360~40000	23556.35	-37.88	≤-27	PASS
		5320	30~5140	3022.93	-47.34	≤-27	PASS
			5360~40000	26684.78	-38.06	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	896.15	-45.31	≤-27	PASS
			5360~40000	24840.33	-38.03	≤-27	PASS
		5280	30~5140	902.28	-40.12	≤-27	PASS
			5360~40000	26013.94	-37.48	≤-27	PASS
		5320	30~5140	2670.51	-46.71	≤-27	PASS
			5360~40000	24760.26	-38.08	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	4979.38	-45.59	≤-27	PASS
			5360~40000	5360	-36.13	≤-27	PASS
		5310	30~5140	2651.77	-45.92	≤-27	PASS
			5360~40000	5360.72	-29.28	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	883.2	-45.62	≤-27	PASS
			5360~40000	25134.63	-38.21	≤-27	PASS
		5280	30~5140	4892.51	-47.19	≤-27	PASS
			5360~40000	26493.62	-37.91	≤-27	PASS
		5320	30~5140	4944.8	-47.01	≤-27	PASS
			5360~40000	5360	-31.15	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	901.26	-41.75	≤-27	PASS
			5360~40000	5362.89	-36.78	≤-27	PASS
		5310	30~5140	4973.93	-46.73	≤-27	PASS
			5360~40000	26760.52	-38.4	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	4993.68	-46.74	≤-27	PASS
			5360~40000	24290.67	-38.28	≤-27	PASS

## Test Graphs



11A\_Ant1\_5260\_30~5140



11A\_Ant1\_5260\_5360~40000





11A\_Ant1\_5280\_30~5140



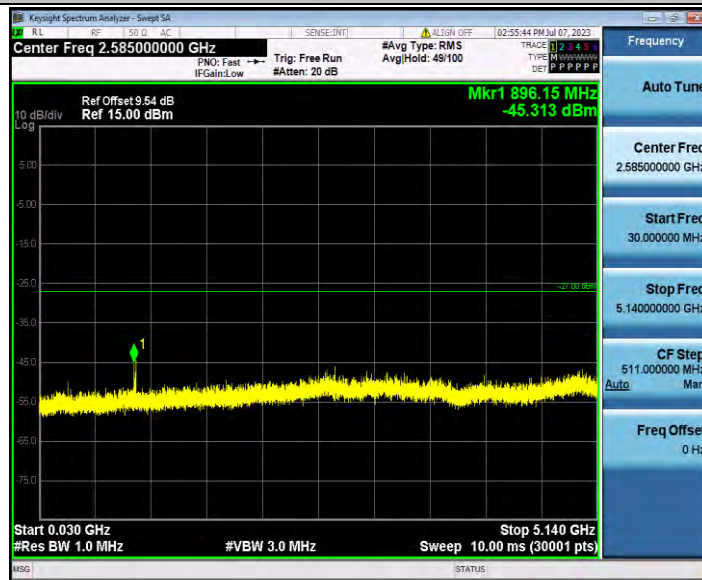
11A\_Ant1\_5280\_5360~40000



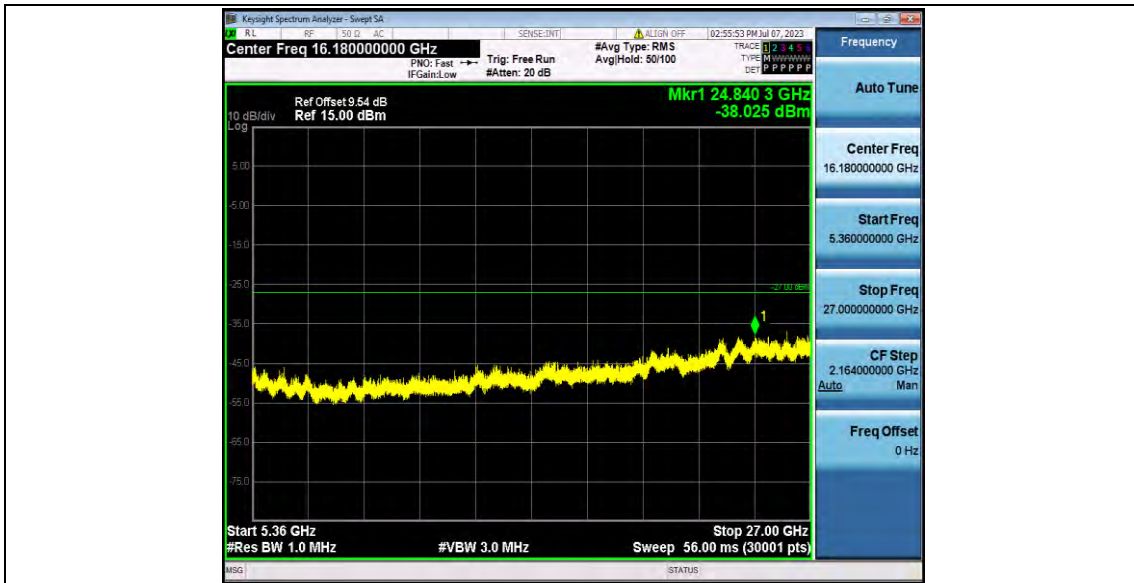
11A\_Ant1\_5320\_30~5140



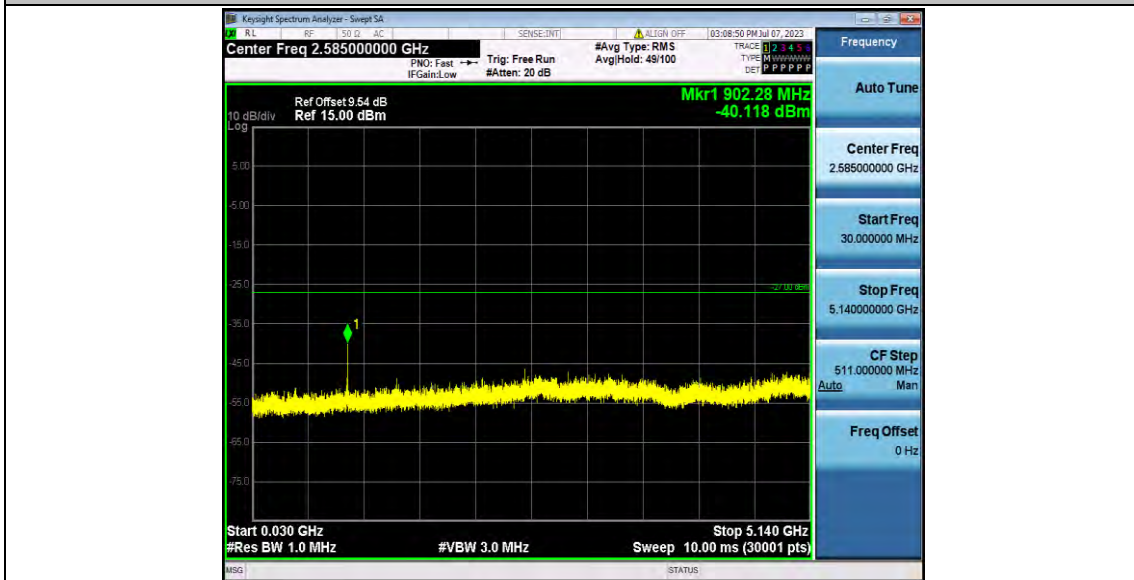
11A\_Ant1\_5320\_5360~40000



11N20SISO\_Ant1\_5260\_30~5140



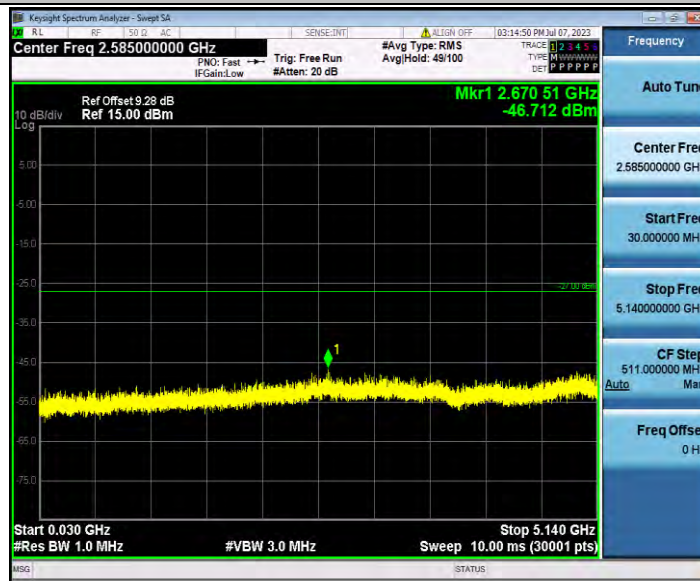
11N20SISO\_Ant1\_5260\_5360~40000



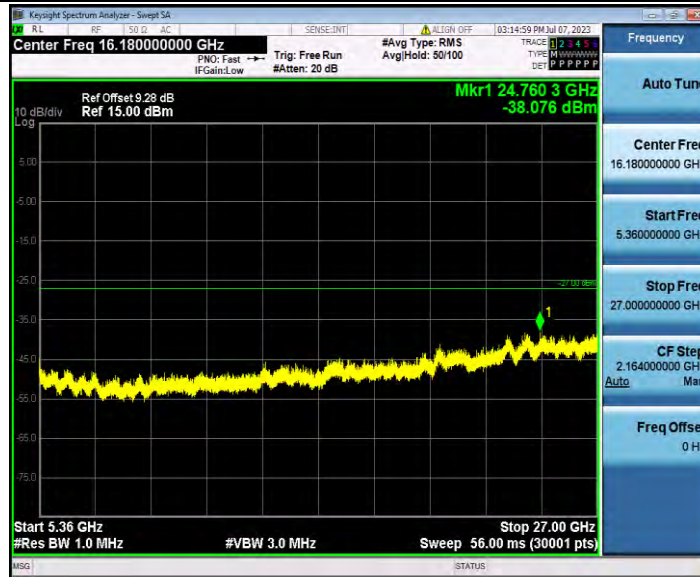
11N20SISO\_Ant1\_5280\_30~5140



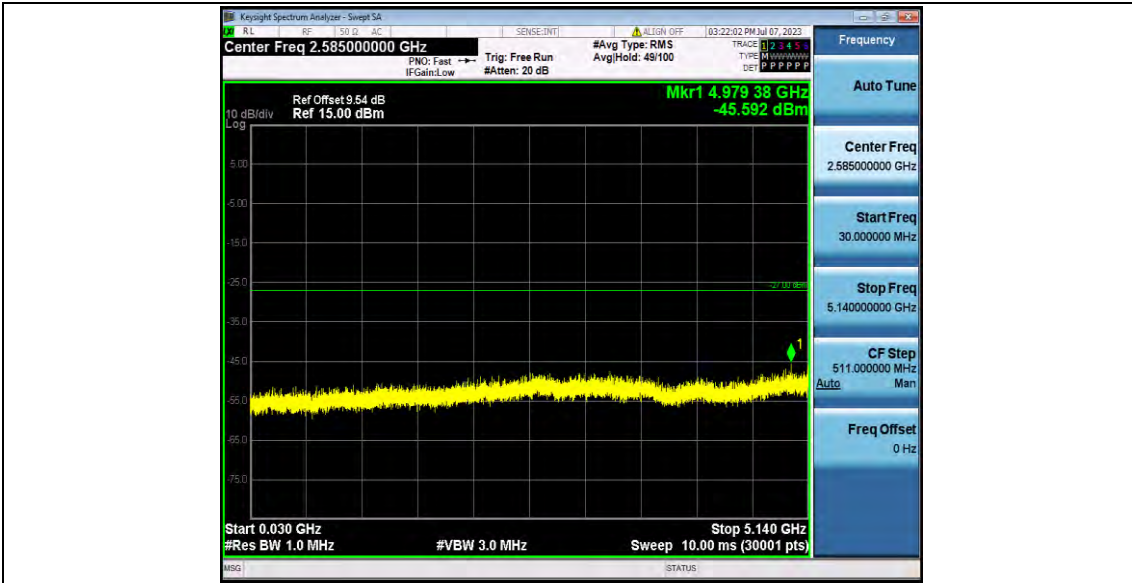
11N20SISO\_Ant1\_5280\_5360~40000



11N20SISO\_Ant1\_5320\_30~5140



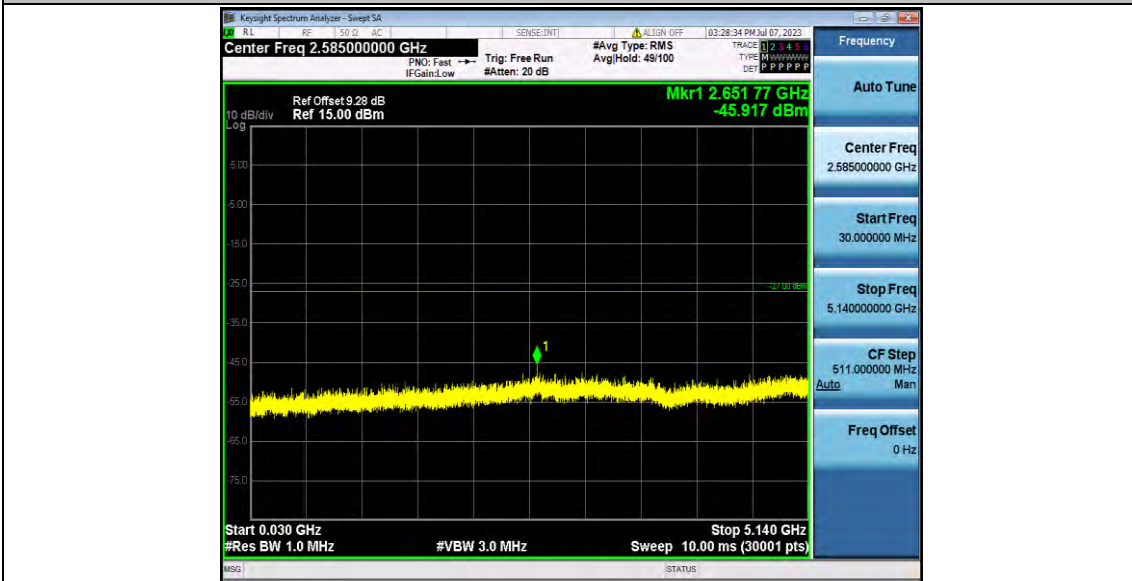
11N20SISO\_Ant1\_5320\_5360~40000



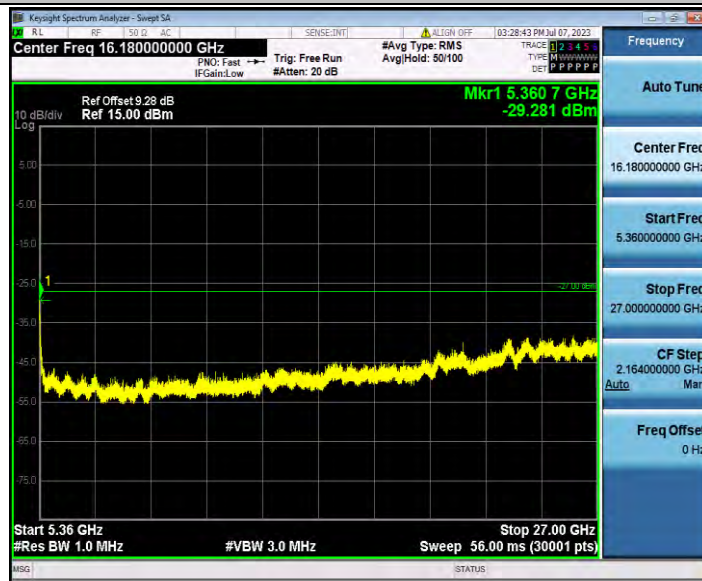
11N40SISO\_Ant1\_5270\_30~5140



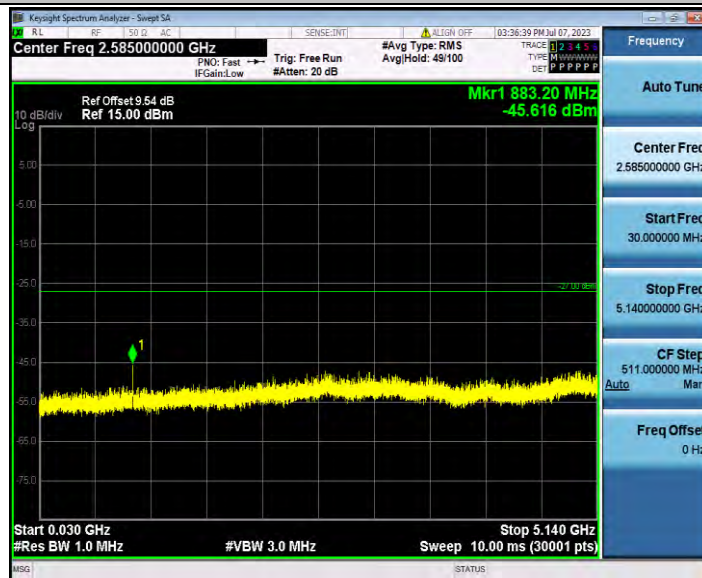
11N40SISO\_Ant1\_5270\_5360~40000



11N40SISO\_Ant1\_5310\_30~5140



11N40SISO\_Ant1\_5310\_5360~40000



11AC20SISO\_Ant1\_5260\_30~5140



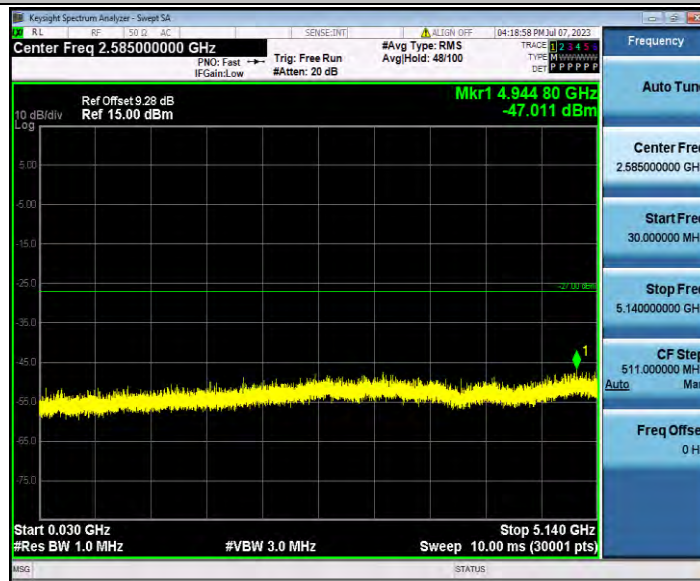
11AC20SISO\_Ant1\_5260\_5360~4000



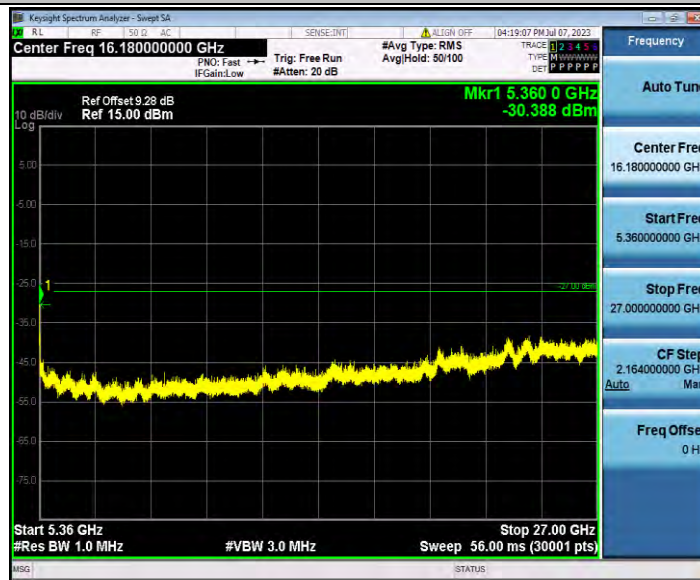
11AC20SISO\_Ant1\_5280\_30~5140



11AC20SISO\_Ant1\_5280\_5360~40000



11AC20SISO\_Ant1\_5320\_30~5140



11AC20SISO\_Ant1\_5320\_5360~40000





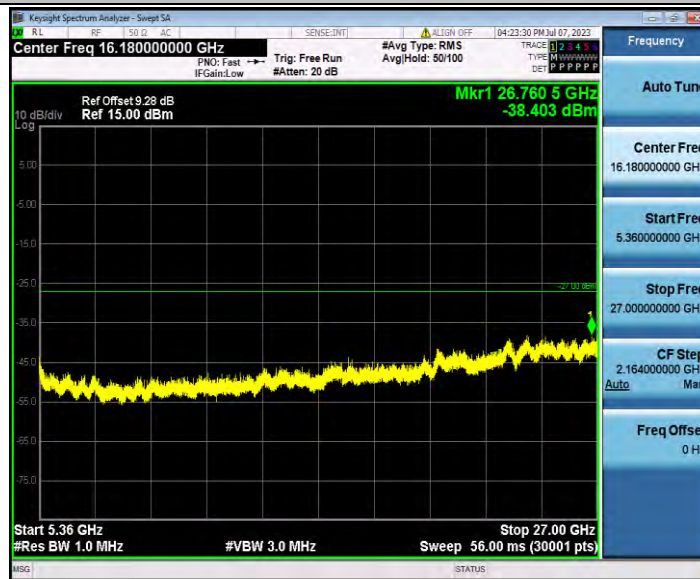
11AC40SISO\_Ant1\_5270\_30~5140



11AC40SISO\_Ant1\_5270\_5360~40000



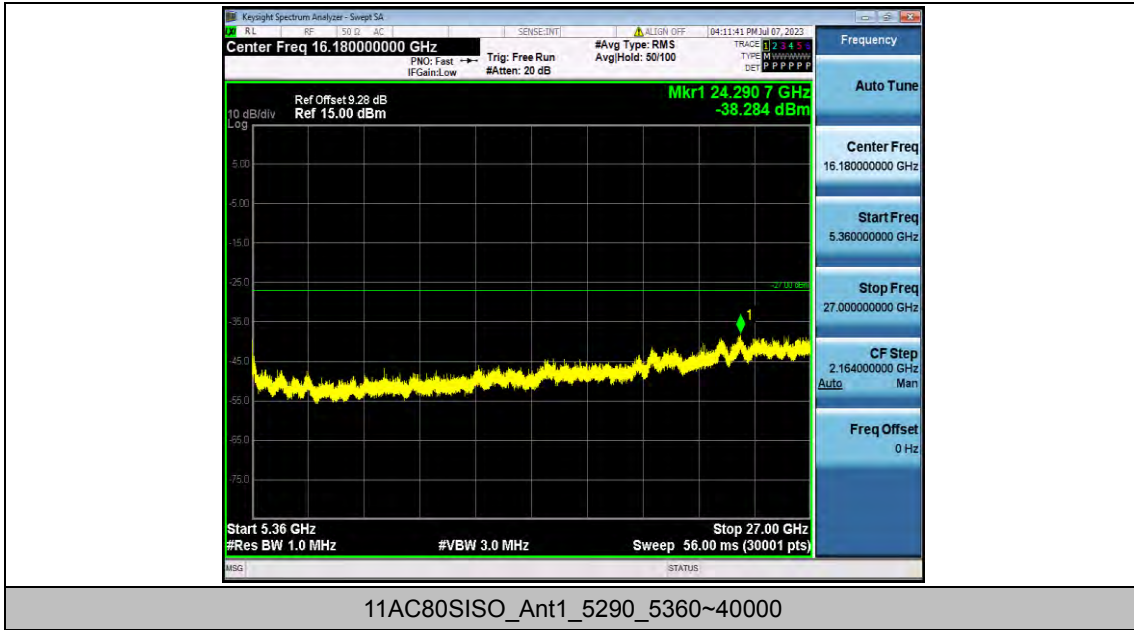
11AC40SISO\_Ant1\_5310\_30~5140



11AC40SISO\_Ant1\_5310\_5360~40000



11AC80SISO\_Ant1\_5290\_30~5140



## Appendix E.8: Emissions in Restricted Bands

### Test Result

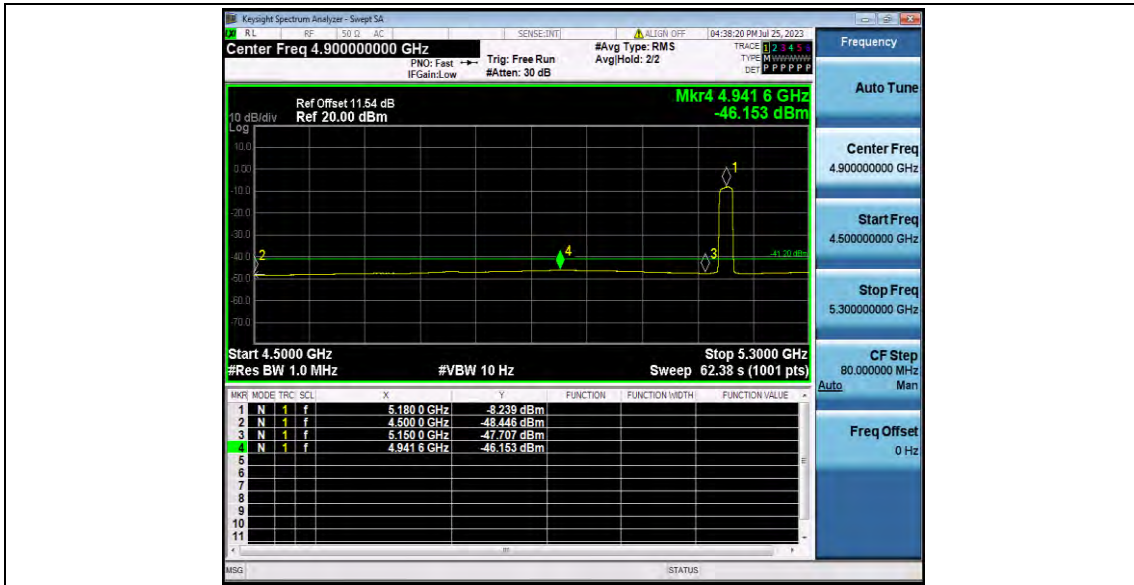
Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5260	AV	4500.000	-48.45	≤-41.20	46.75	≤54	PASS
				AV	4941.600	-46.15	≤-41.20	49.05	≤54	PASS
				AV	5150.000	-47.71	≤-41.20	47.49	≤54	PASS
				Peak	4500.000	-44.22	≤-21.20	50.98	≤74	PASS
				Peak	5127.200	-37.68	≤-21.20	57.52	≤74	PASS
				Peak	5150.000	-44.98	≤-21.20	50.22	≤74	PASS
		High	5320	AV	5350.000	-47.64	≤-41.20	47.56	≤54	PASS
				AV	5457.600	-46.87	≤-41.20	48.33	≤54	PASS
				AV	5460.000	-46.92	≤-41.20	48.28	≤54	PASS
				Peak	5350.000	-44.96	≤-21.20	50.24	≤74	PASS
				Peak	5395.200	-38.9	≤-21.20	56.30	≤74	PASS
				Peak	5460.000	-45.5	≤-21.20	49.70	≤74	PASS
11N20SIS O	Ant1	Low	5260	AV	4500.000	-48.45	≤-41.20	46.75	≤54	PASS
				AV	4941.600	-46.13	≤-41.20	49.07	≤54	PASS
				AV	5150.000	-47.67	≤-41.20	47.53	≤54	PASS
				Peak	4500.000	-45.39	≤-21.20	49.81	≤74	PASS
				Peak	5082.400	-38.12	≤-21.20	57.08	≤74	PASS
				Peak	5150.000	-45.19	≤-21.20	50.01	≤74	PASS
		High	5320	AV	5350.000	-47.5	≤-41.20	47.70	≤54	PASS
				AV	5460.000	-46.84	≤-41.20	48.36	≤54	PASS
				Peak	5350.000	-44.83	≤-21.20	50.37	≤74	PASS
				Peak	5405.600	-38.46	≤-21.20	56.74	≤74	PASS
				Peak	5460.000	-42.16	≤-21.20	53.04	≤74	PASS
11N40SIS O	Ant1	Low	5270	AV	4500.000	-48.44	≤-41.20	46.76	≤54	PASS
				AV	4943.980	-46.11	≤-41.20	49.09	≤54	PASS
				AV	5150.000	-47.64	≤-41.20	47.56	≤54	PASS
				Peak	4500.000	-42.12	≤-21.20	53.08	≤74	PASS
				Peak	4969.260	-37.43	≤-21.20	57.77	≤74	PASS
				Peak	5150.000	-45.24	≤-21.20	49.96	≤74	PASS
		High	5310	AV	5350.000	-47.32	≤-41.20	47.88	≤54	PASS
				AV	5457.200	-46.82	≤-41.20	48.38	≤54	PASS
				AV	5460.000	-46.86	≤-41.20	48.34	≤54	PASS
				Peak	5350.000	-46.83	≤-21.20	48.37	≤74	PASS
				Peak	5441.200	-39.11	≤-21.20	56.09	≤74	PASS
				Peak	5460.000	-41.33	≤-21.20	53.87	≤74	PASS
11AC20SI	Ant1	Low	5260	AV	4500.000	-48.45	≤-41.20	46.75	≤54	PASS

SO				AV	4947.200	-46.17	$\leq -41.20$	49.03	$\leq 54$	PASS
				AV	5150.000	-47.63	$\leq -41.20$	47.57	$\leq 54$	PASS
				Peak	4500.000	-45.75	$\leq -21.20$	49.45	$\leq 74$	PASS
				Peak	5023.200	-37.77	$\leq -21.20$	57.43	$\leq 74$	PASS
				Peak	5150.000	-44.52	$\leq -21.20$	50.68	$\leq 74$	PASS
				Peak	5150.000	-44.52	$\leq -21.20$	50.68	$\leq 74$	PASS
		High	5320	AV	5350.000	-47.31	$\leq -41.20$	47.89	$\leq 54$	PASS
				AV	5456.800	-46.81	$\leq -41.20$	48.39	$\leq 54$	PASS
				AV	5460.000	-46.87	$\leq -41.20$	48.33	$\leq 54$	PASS
				Peak	5350.000	-45.6	$\leq -21.20$	49.60	$\leq 74$	PASS
				Peak	5359.200	-38.64	$\leq -21.20$	56.56	$\leq 74$	PASS
				Peak	5460.000	-44.28	$\leq -21.20$	50.92	$\leq 74$	PASS
11AC40SI SO	Ant1	Low	5270	AV	4500.000	-48.43	$\leq -41.20$	46.77	$\leq 54$	PASS
				AV	4945.560	-46.15	$\leq -41.20$	49.05	$\leq 54$	PASS
				AV	5150.000	-47.61	$\leq -41.20$	47.59	$\leq 54$	PASS
				Peak	4500.000	-42.05	$\leq -21.20$	53.15	$\leq 74$	PASS
				Peak	5147.800	-37.32	$\leq -21.20$	57.88	$\leq 74$	PASS
				Peak	5150.000	-45.19	$\leq -21.20$	50.01	$\leq 74$	PASS
		High	5310	AV	5350.000	-45.47	$\leq -41.20$	49.73	$\leq 54$	PASS
				AV	5460.000	-46.79	$\leq -41.20$	48.41	$\leq 54$	PASS
				Peak	5350.000	-37.36	$\leq -21.20$	57.84	$\leq 74$	PASS
				Peak	5460.000	-44.36	$\leq -21.20$	50.84	$\leq 74$	PASS
				AV	4500.000	-48.68	$\leq -41.20$	46.52	$\leq 54$	PASS
				AV	4942.815	-46.38	$\leq -41.20$	48.82	$\leq 54$	PASS
11AC80SI SO	Ant1	Low	5290	AV	5150.000	-47.92	$\leq -41.20$	47.28	$\leq 54$	PASS
				Peak	4500.000	-47.07	$\leq -21.20$	48.13	$\leq 74$	PASS
				Peak	4892.730	-38.67	$\leq -21.20$	56.53	$\leq 74$	PASS
				Peak	5150.000	-44.1	$\leq -21.20$	51.10	$\leq 74$	PASS
				AV	5350.000	-47.61	$\leq -41.20$	47.59	$\leq 54$	PASS
				AV	5454.200	-46.76	$\leq -41.20$	48.44	$\leq 54$	PASS
		High	5290	AV	5460.000	-46.9	$\leq -41.20$	48.30	$\leq 54$	PASS
				Peak	5350.000	-44.46	$\leq -21.20$	50.74	$\leq 74$	PASS
				Peak	5375.200	-38.52	$\leq -21.20$	56.68	$\leq 74$	PASS
				Peak	5460.000	-40.63	$\leq -21.20$	54.57	$\leq 74$	PASS
				AV	4500.000	-48.68	$\leq -41.20$	46.52	$\leq 54$	PASS
				AV	4942.815	-46.38	$\leq -41.20$	48.82	$\leq 54$	PASS

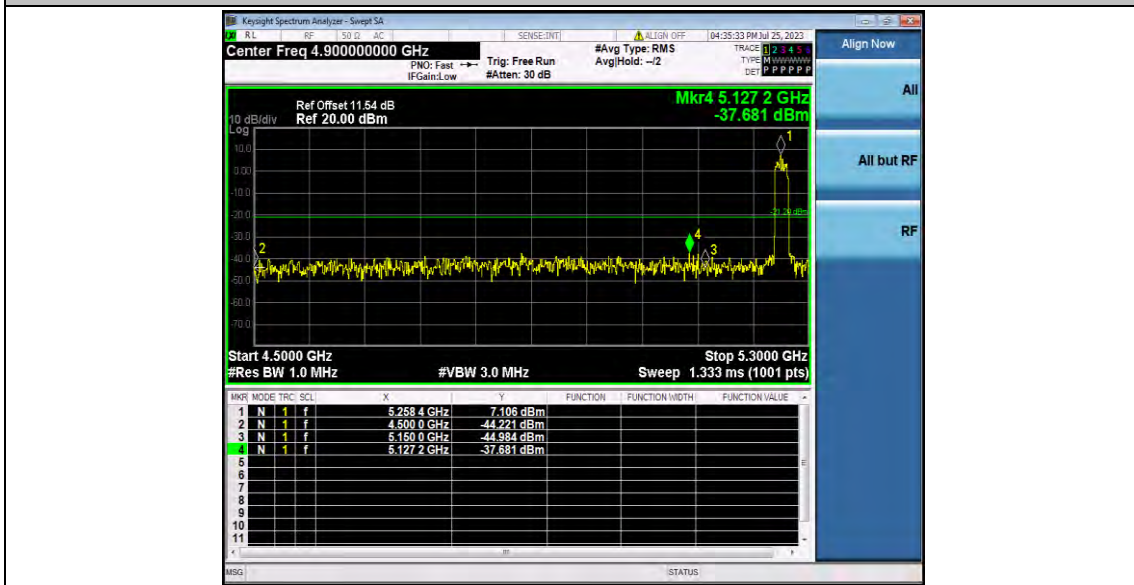
## Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

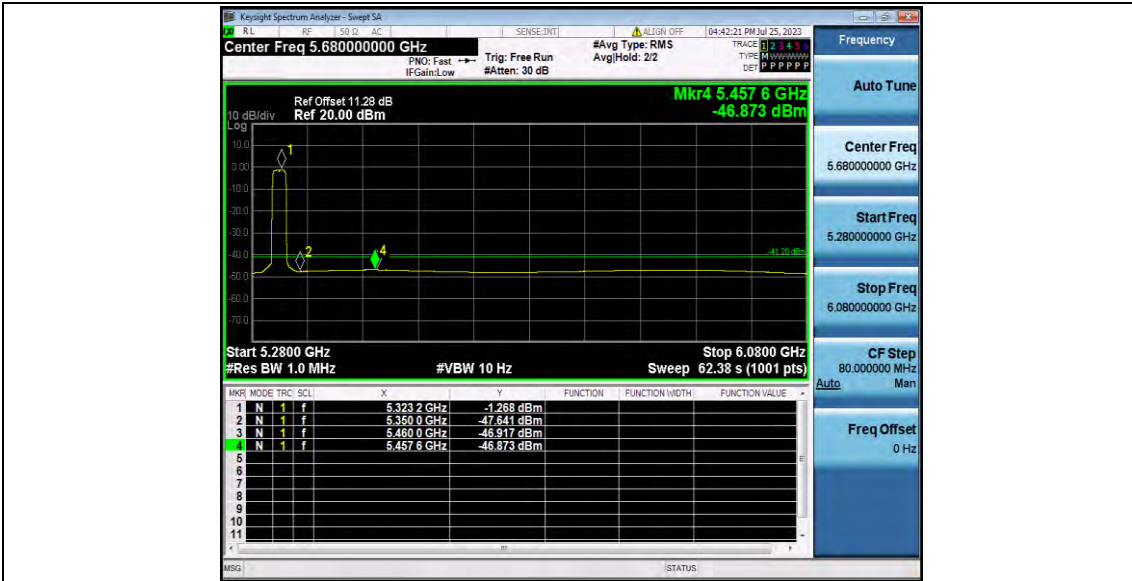
## Test Graphs



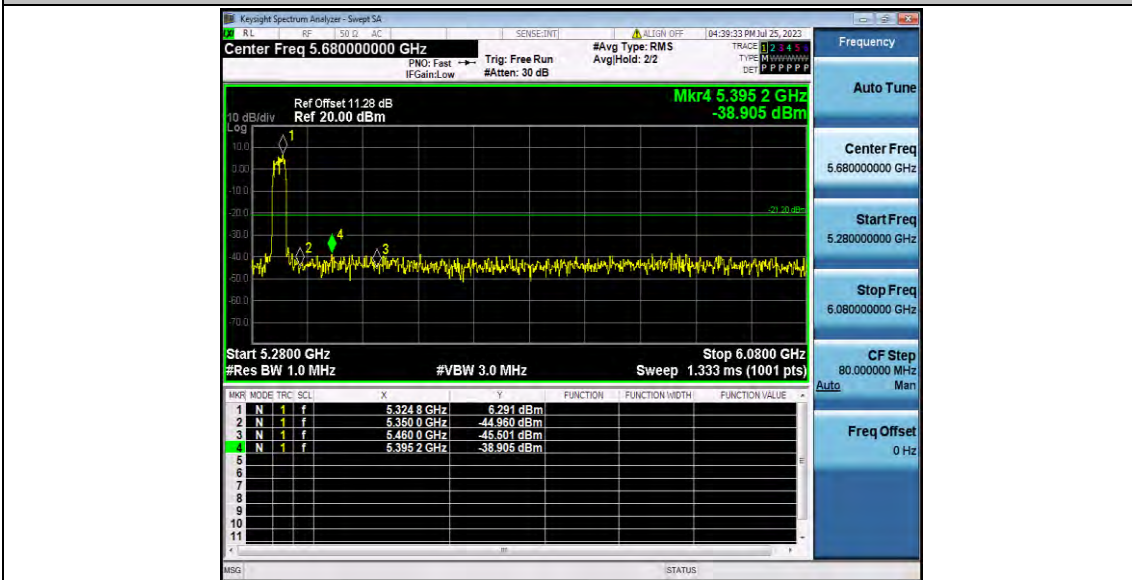
11A\_Ant1\_Low\_5260\_AV



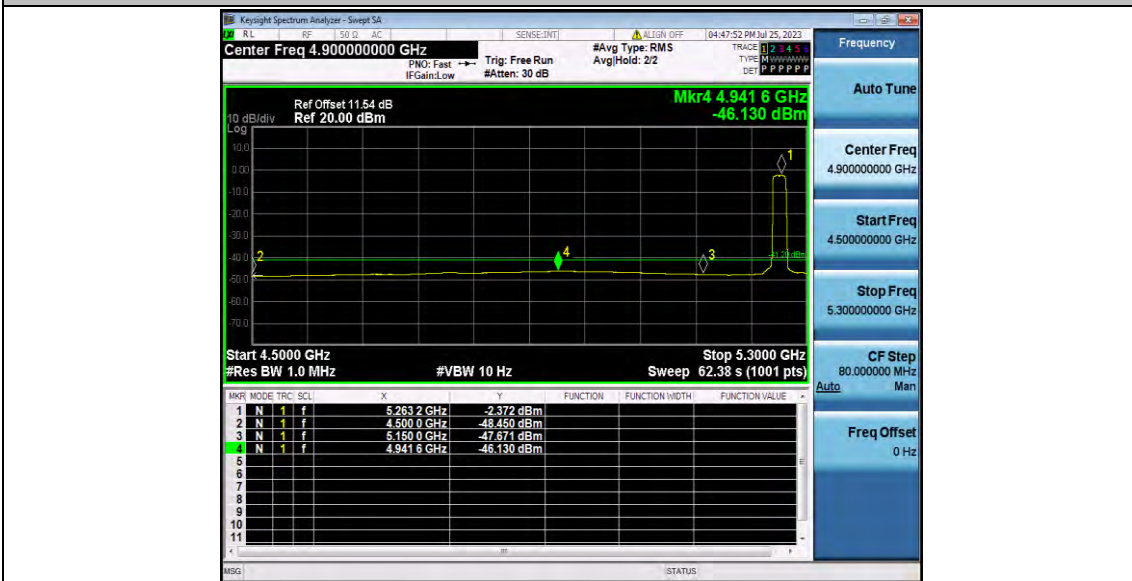
11A\_Ant1\_Low\_5260\_Peak



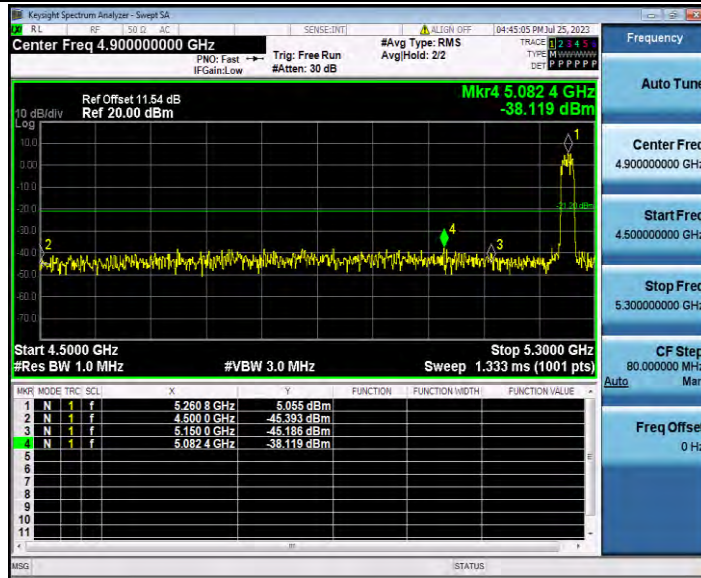
11A\_Ant1\_High\_5320\_AV



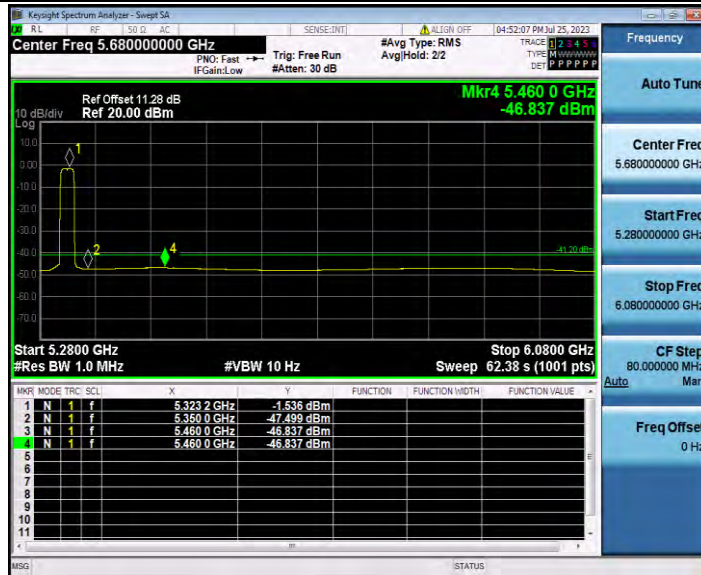
11A\_Ant1\_High\_5320\_Peak



11N20SISO\_Ant1\_Low\_5260\_AV

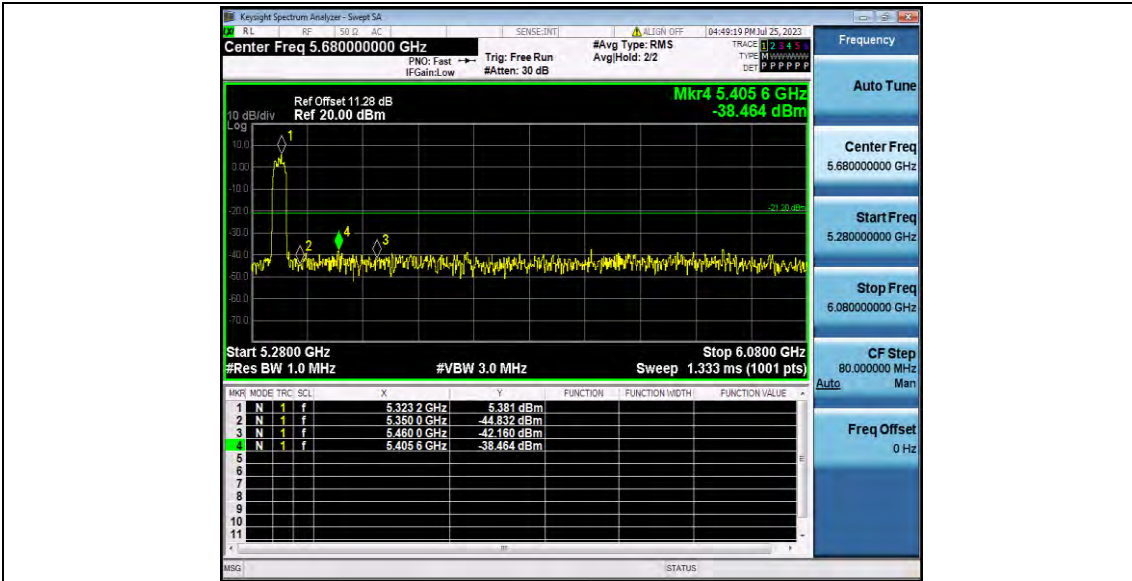


11N20SISO\_Ant1\_Low\_5260\_Peak

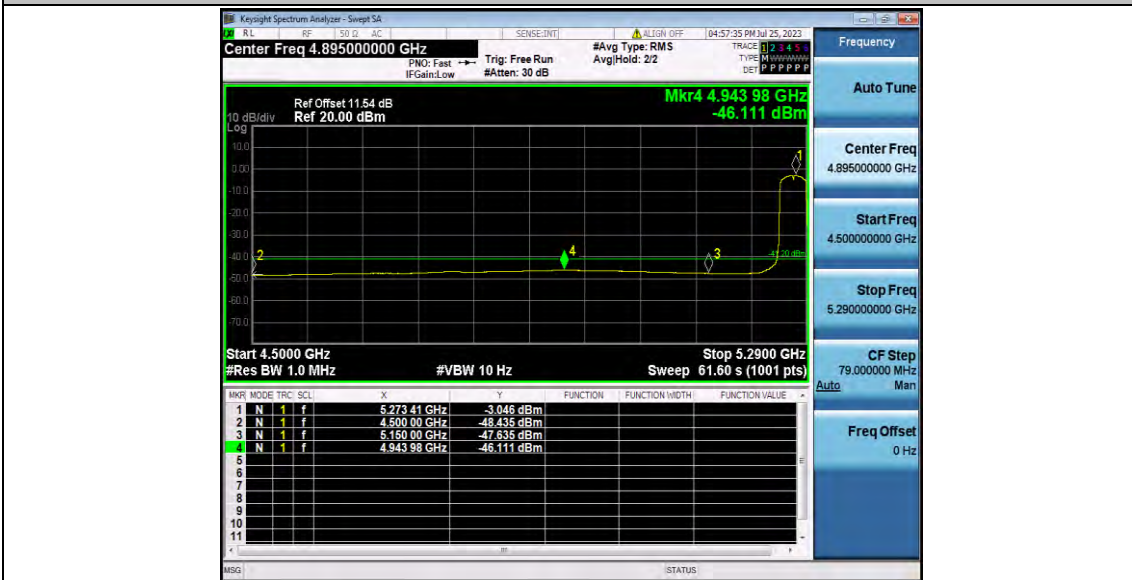


11N20SISO\_Ant1\_High\_5320\_AV

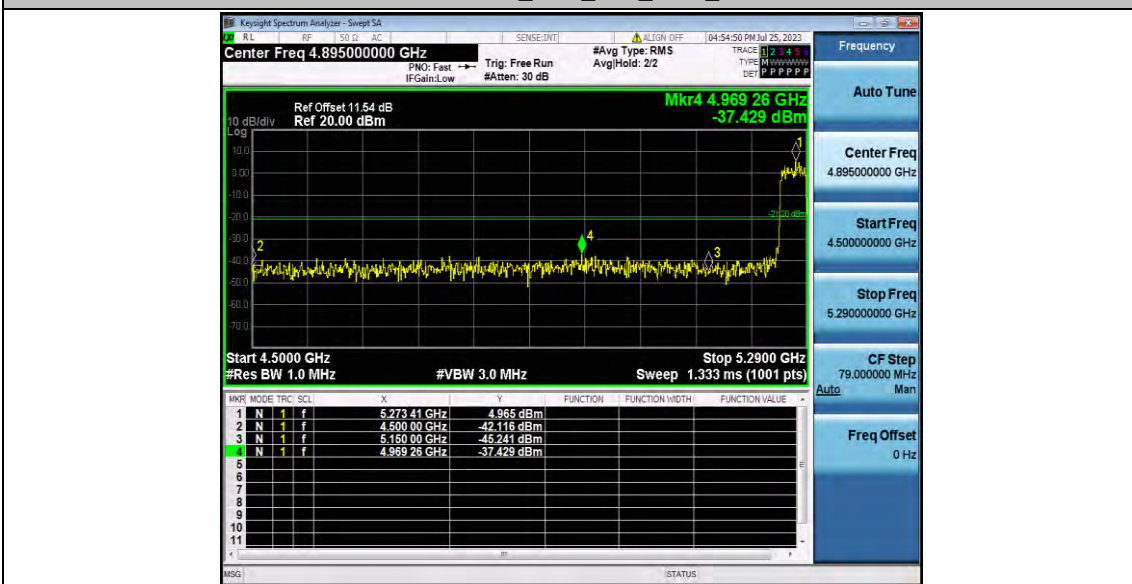




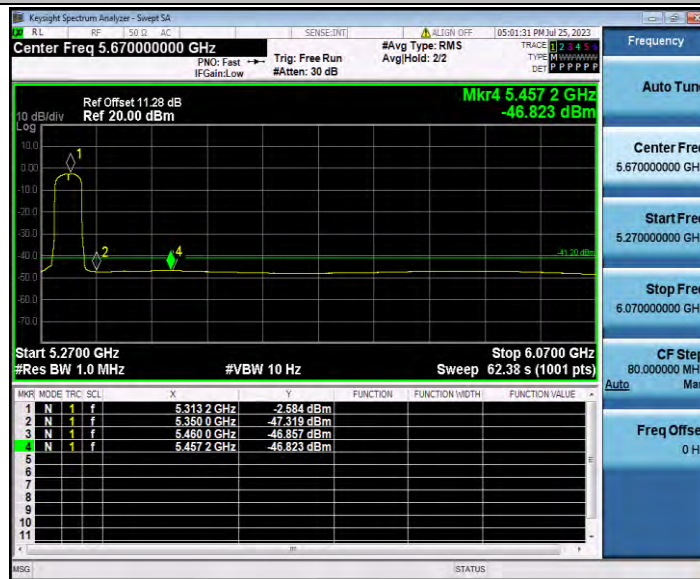
11N20SISO\_Ant1\_High\_5320\_Peak



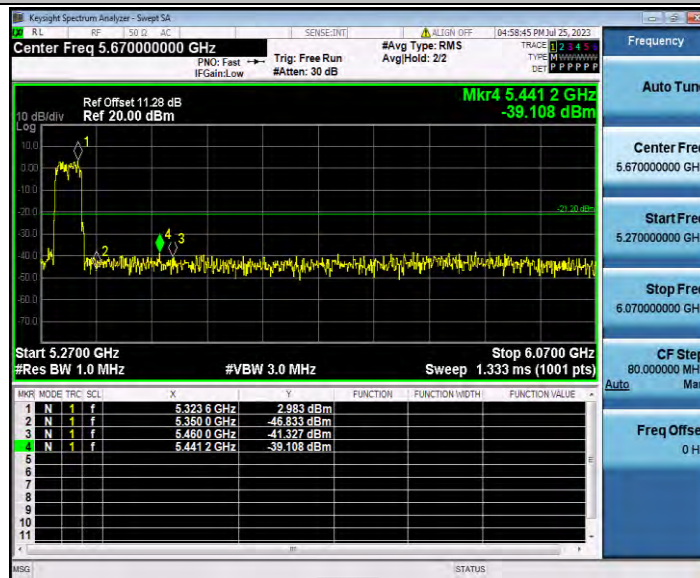
11N40SISO\_Ant1\_Low\_5270\_AV



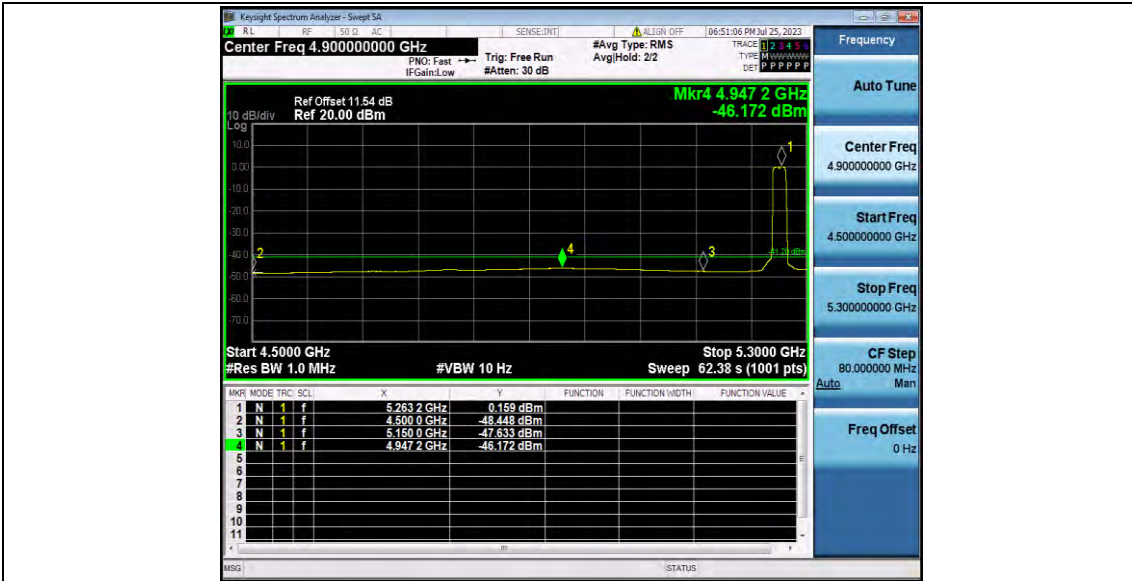
11N40SISO\_Ant1\_Low\_5270\_Peak



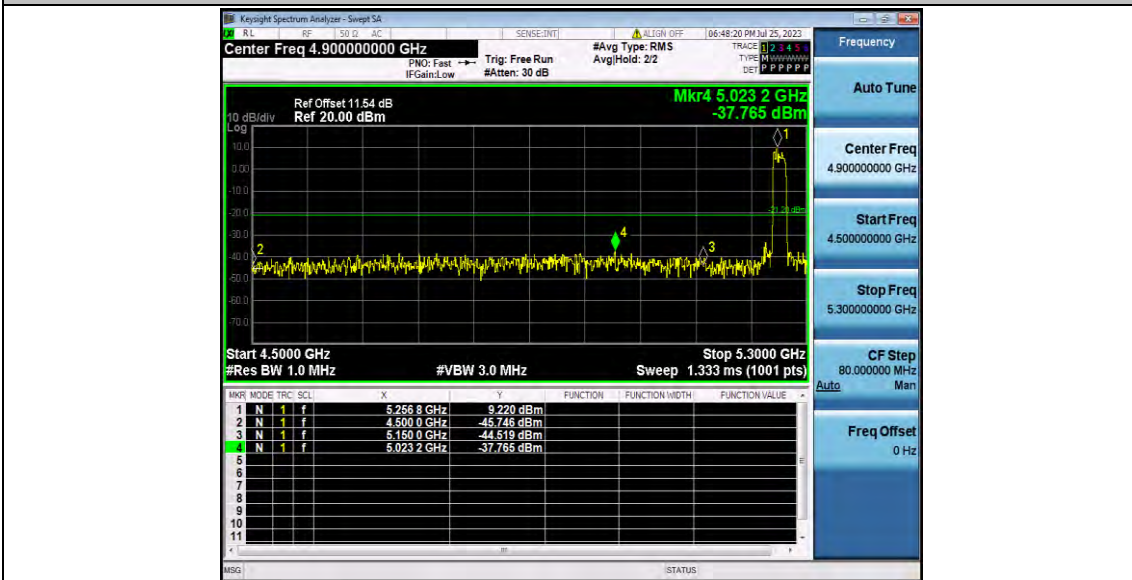
11N40SISO\_Ant1\_High\_5310\_AV



11N40SISO\_Ant1\_High\_5310\_Peak



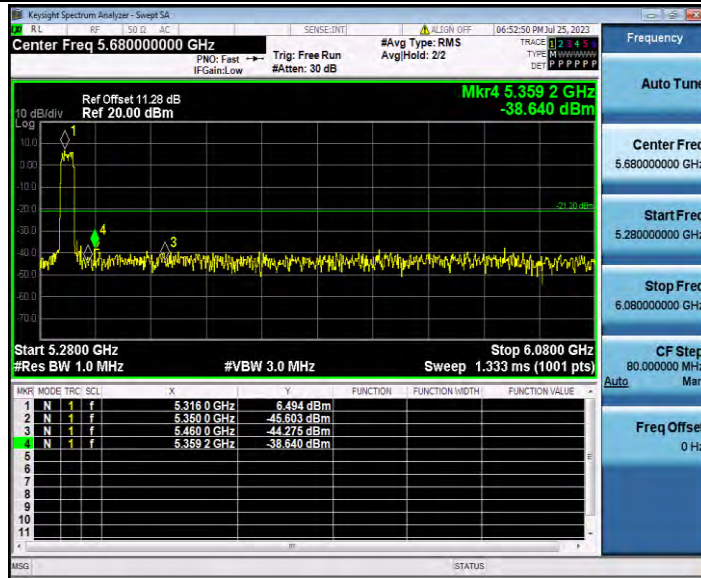
11AC20SISO\_Ant1\_Low\_5260\_AV



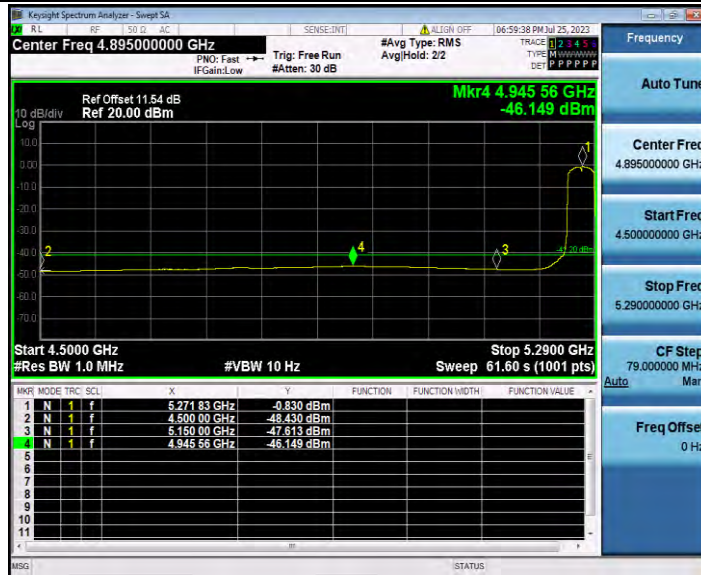
11AC20SISO\_Ant1\_Low\_5260\_Peak



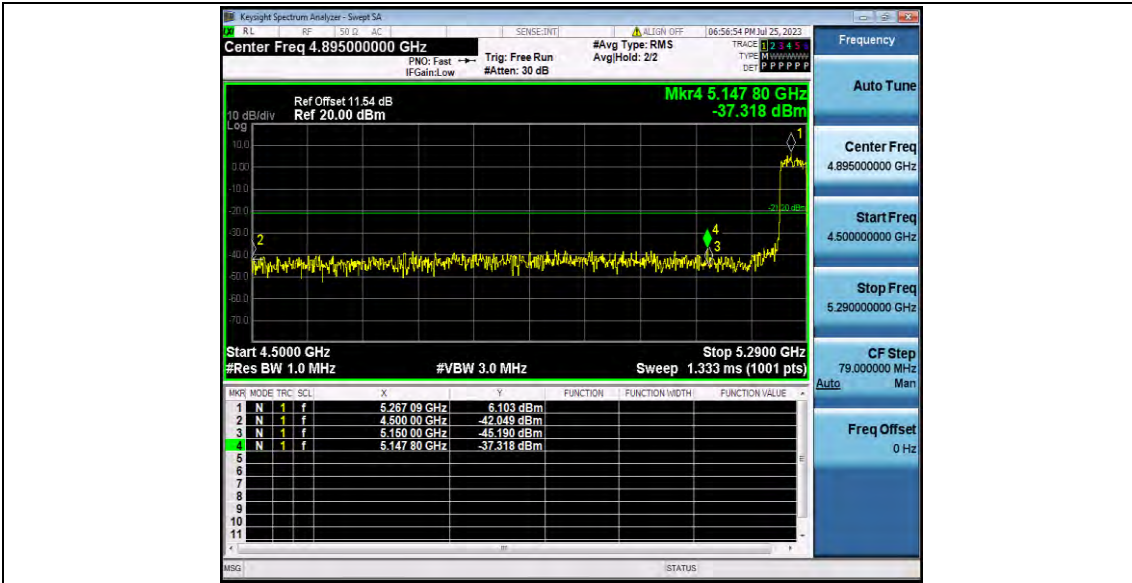
11AC20SISO\_Ant1\_High\_5320\_AV



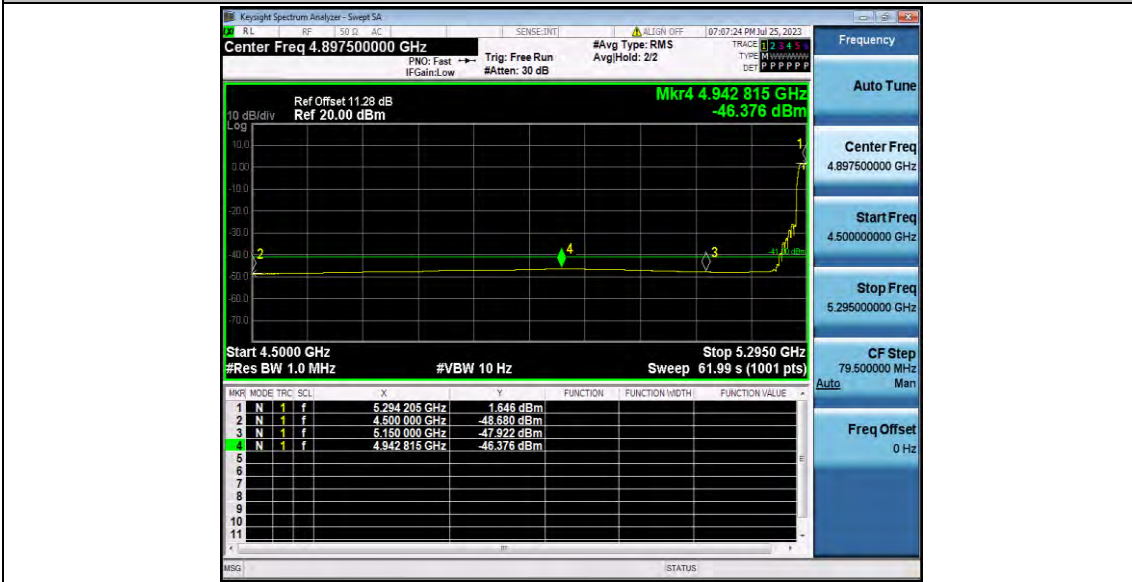
11AC20SISO\_Ant1\_High\_5320\_Peak



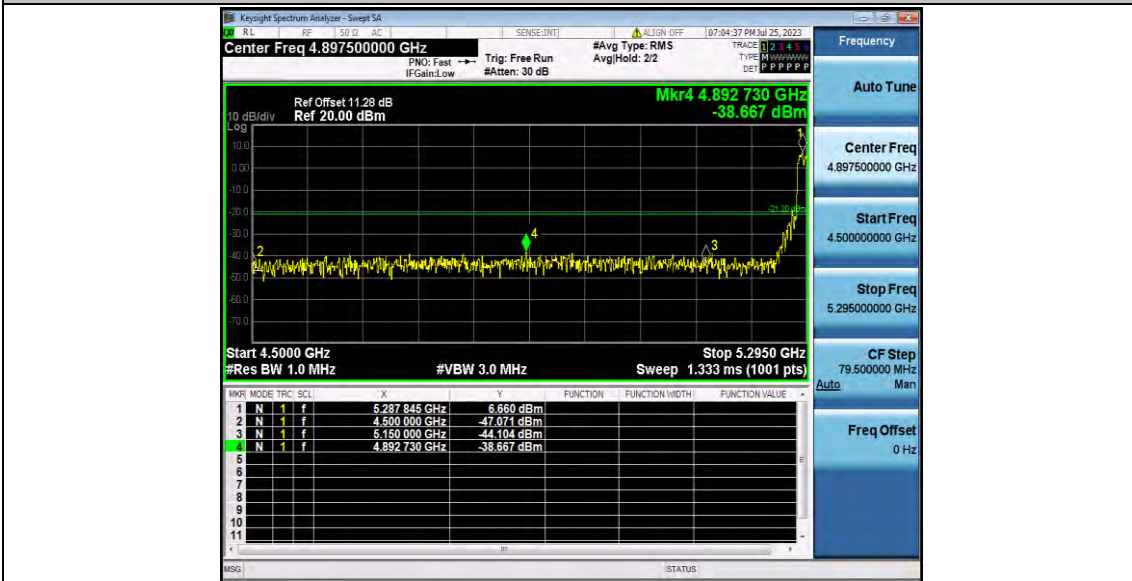
11AC40SISO\_Ant1\_Low\_5270\_AV



11AC40SISO\_Ant1\_Low\_5270\_Peak



11AC80SISO\_Ant1\_Low\_5290\_AV



11AC80SISO\_Ant1\_Low\_5290\_Peak



11AC80SISO\_Ant1\_High\_5290\_AV



11AC80SISO\_Ant1\_High\_5290\_Peak