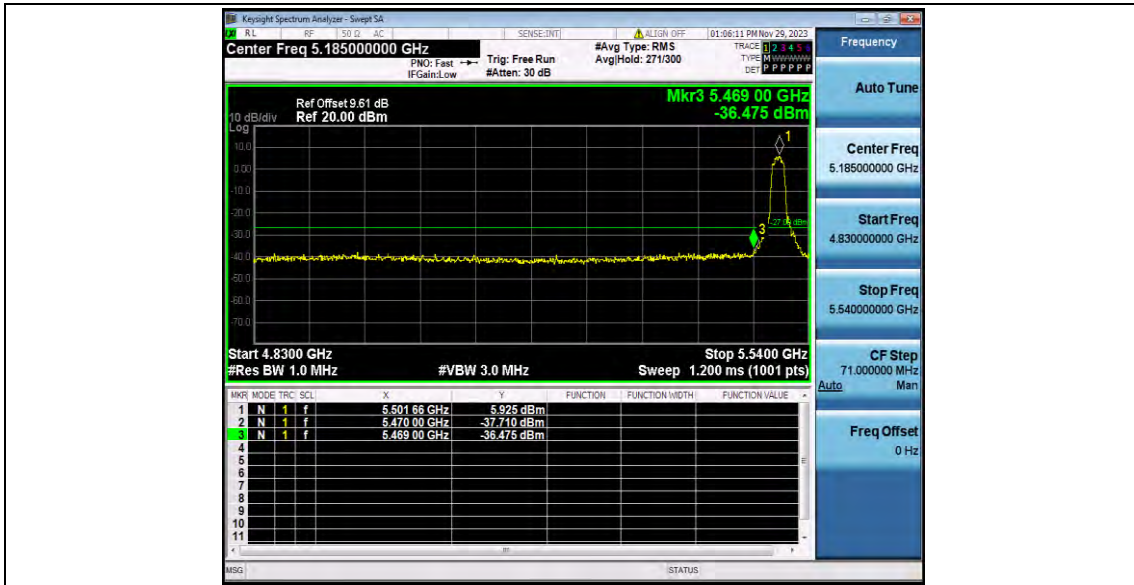


## Appendix F.6: Band edge measurements

### Test Result B3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.48	$\leq -27$	PASS
		High	5700	-36.25	$\leq -27$	PASS
11N20SISO	Ant1	Low	5500	-38.43	$\leq -27$	PASS
		High	5700	-36.42	$\leq -27$	PASS
11N40SISO	Ant1	Low	5510	-36.19	$\leq -27$	PASS
		High	5670	-37.92	$\leq -27$	PASS
11AC20SISO	Ant1	Low	5500	-38.07	$\leq -27$	PASS
		High	5700	-36.76	$\leq -27$	PASS
11AC40SISO	Ant1	Low	5510	-37.45	$\leq -27$	PASS
		High	5670	-37.39	$\leq -27$	PASS
11AC80SISO	Ant1	Low	5530	-35.12	$\leq -27$	PASS
		High	5610	-38.08	$\leq -27$	PASS

### Test Graphs B3



11A\_Ant1\_Low\_5500



11A\_Ant1\_High\_5700



11N20SISO\_Ant1\_Low\_5500



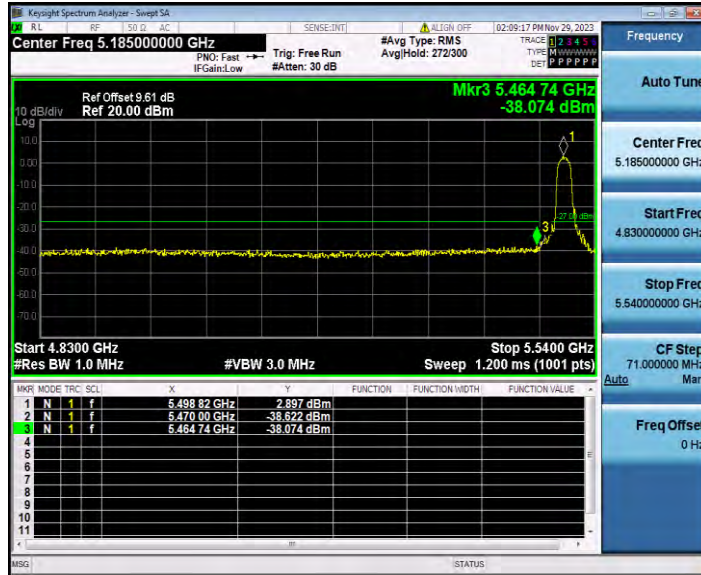
11N20SISO\_Ant1\_High\_5700



11N40SISO\_Ant1\_Low\_5510

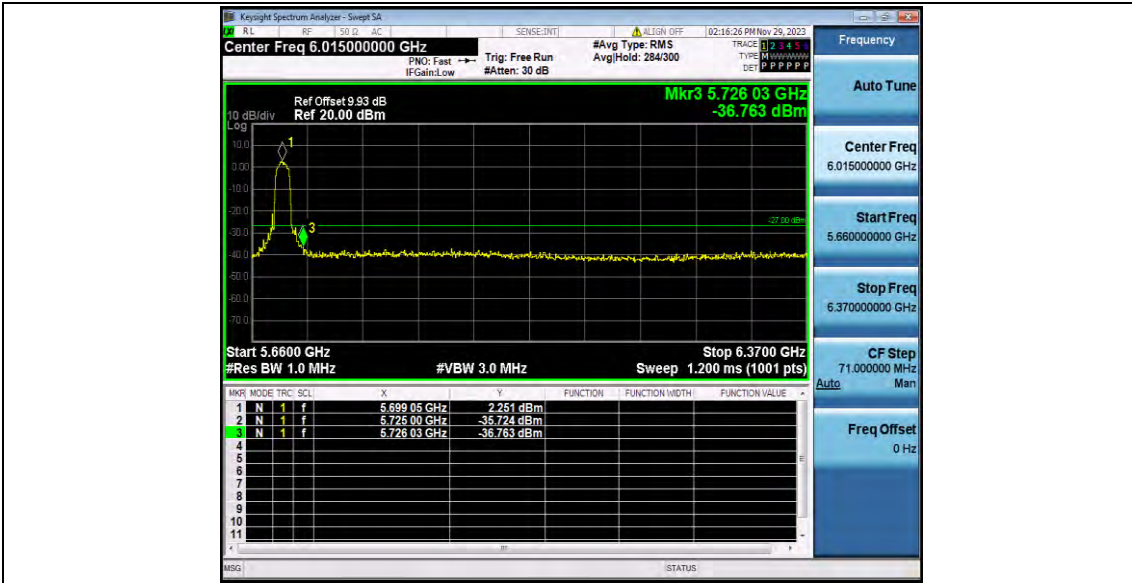


11N40SISO\_Ant1\_High\_5670



11AC20SISO\_Ant1\_Low\_5500





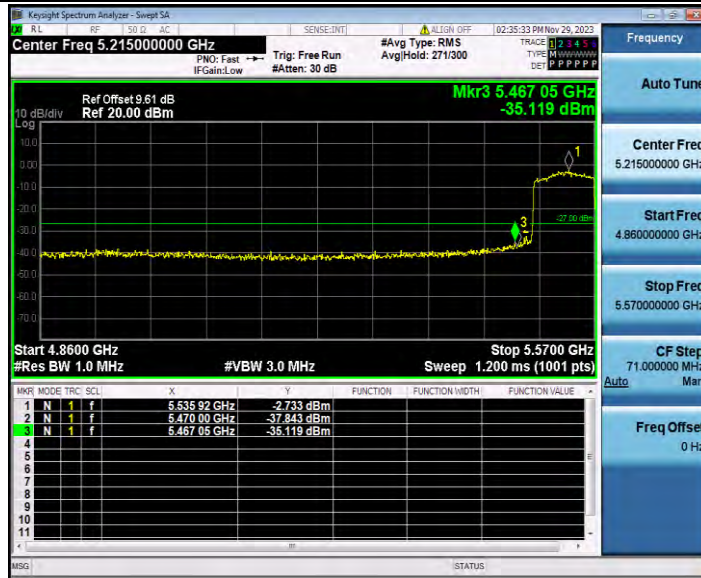
11AC20SISO\_Ant1\_High\_5700



11AC40SISO\_Ant1\_Low\_5510



11AC40SISO\_Ant1\_High\_5670



11AC80SISO\_Ant1\_Low\_5530



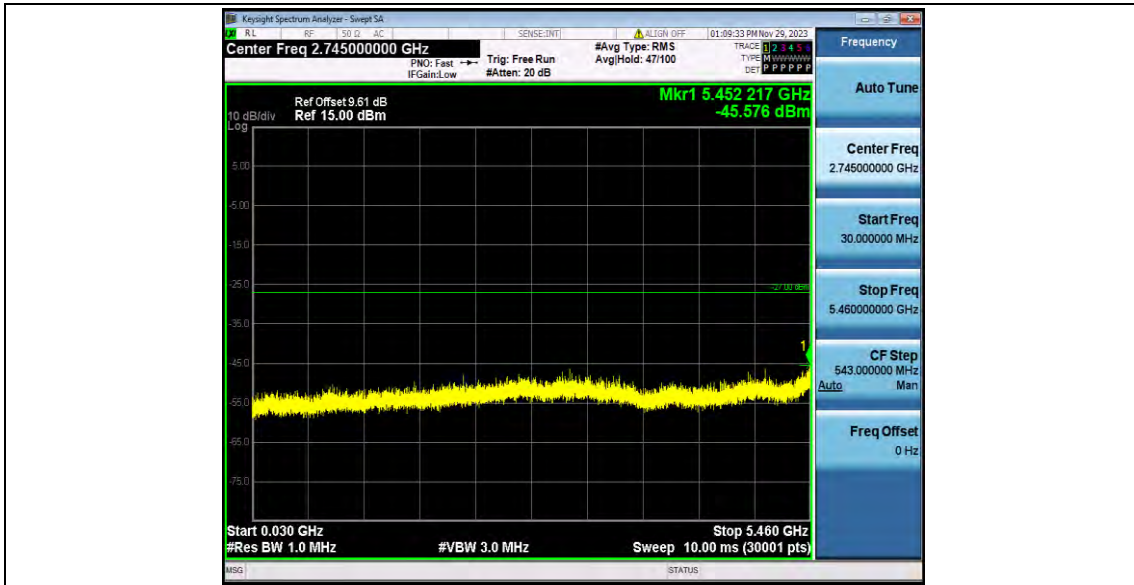
11AC80SISO\_Ant1\_High\_5610

## Appendix F.7: Conducted Spurious Emission

### Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5452.22	-45.58	≤-27	PASS
			5735~40000	24122.14	-38.07	≤-27	PASS
		5600	30~5460	5005.51	-46.35	≤-27	PASS
			5735~40000	26129.55	-39.28	≤-27	PASS
		5700	30~5460	5416.2	-46.19	≤-27	PASS
			5735~40000	24042.04	-38.81	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5428.14	-46.34	≤-27	PASS
			5735~40000	24191.6	-37.89	≤-27	PASS
		5600	30~5460	5407.15	-45.97	≤-27	PASS
			5735~40000	24293.67	-38.59	≤-27	PASS
		5700	30~5460	2642.01	-46.65	≤-27	PASS
			5735~40000	25168.37	-37.23	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5456.74	-44.32	≤-27	PASS
			5735~40000	26659.05	-38.14	≤-27	PASS
		5590	30~5460	3162.57	-46.78	≤-27	PASS
			5735~40000	25633.37	-38.31	≤-27	PASS
		5670	30~5460	2766.36	-46.18	≤-27	PASS
			5735~40000	25570.28	-38.04	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	824.77	-46.56	≤-27	PASS
			5735~40000	25047.87	-38.2	≤-27	PASS
		5600	30~5460	5030.85	-47.26	≤-27	PASS
			5735~40000	24245.47	-38	≤-27	PASS
		5700	30~5460	5399.18	-45.95	≤-27	PASS
			5735~40000	26041.66	-36.64	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5459.28	-41.57	≤-27	PASS
			5735~40000	24241.22	-37.69	≤-27	PASS
		5590	30~5460	2671.15	-45.98	≤-27	PASS
			5735~40000	24307.14	-38.01	≤-27	PASS
		5670	30~5460	5431.58	-46.85	≤-27	PASS
			5735~40000	24217.83	-37.42	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5455.29	-40.27	≤-27	PASS
			5735~40000	24751.58	-36.93	≤-27	PASS
		5610	30~5460	5442.99	-46.27	≤-27	PASS
			5735~40000	24290.13	-38.1	≤-27	PASS

## Test Graphs

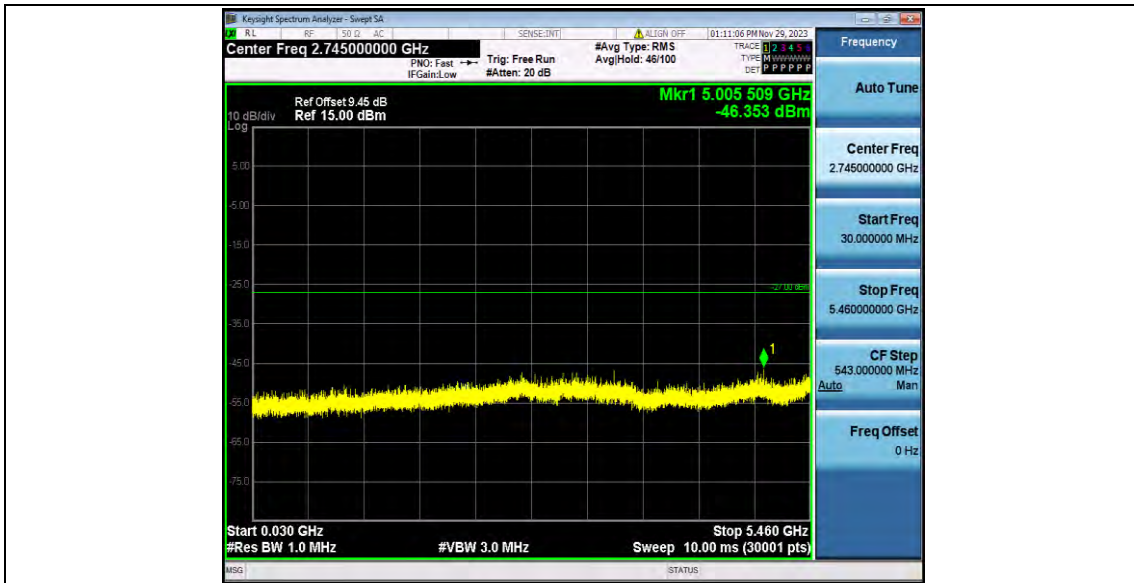


11A\_Ant1\_5500\_30~5460

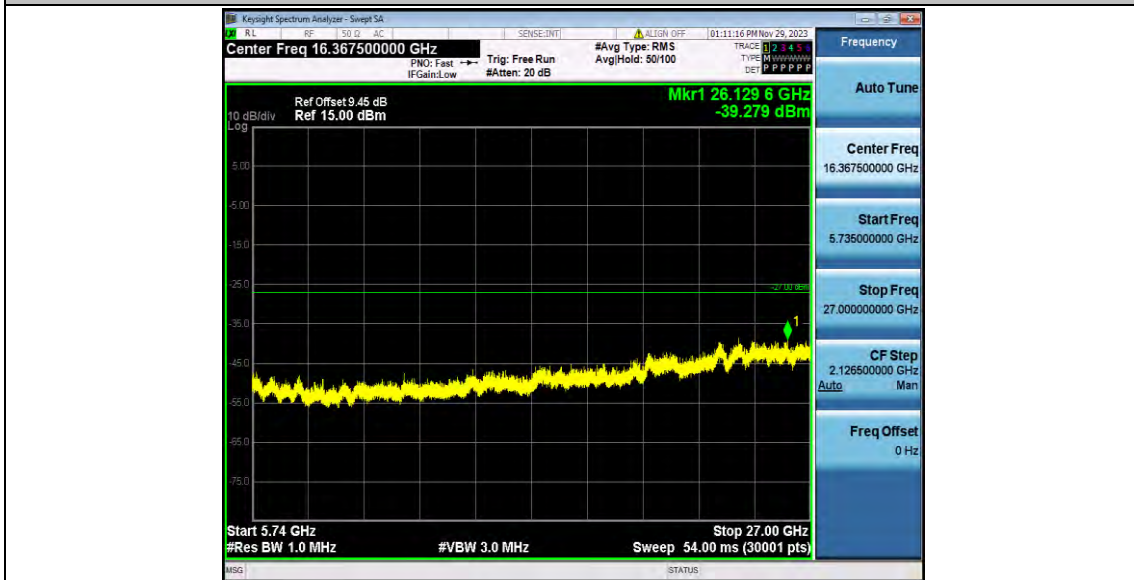


11A\_Ant1\_5500\_5735~40000





11A\_Ant1\_5600\_30~5460



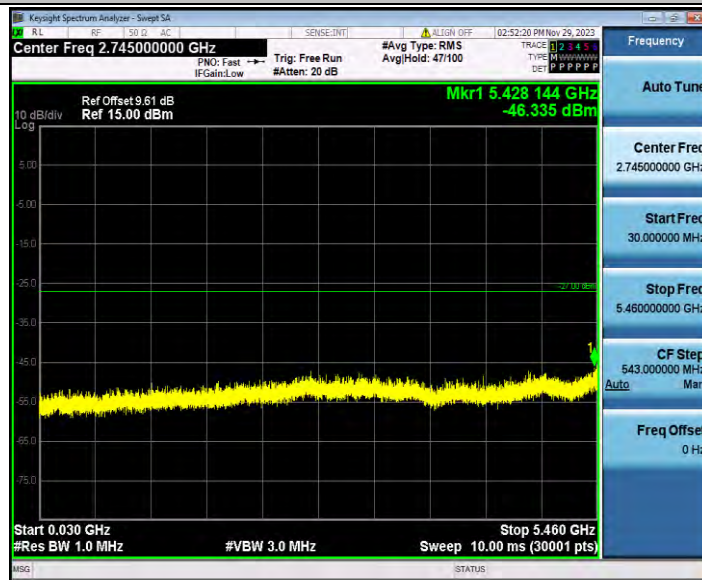
11A\_Ant1\_5600\_5735~40000



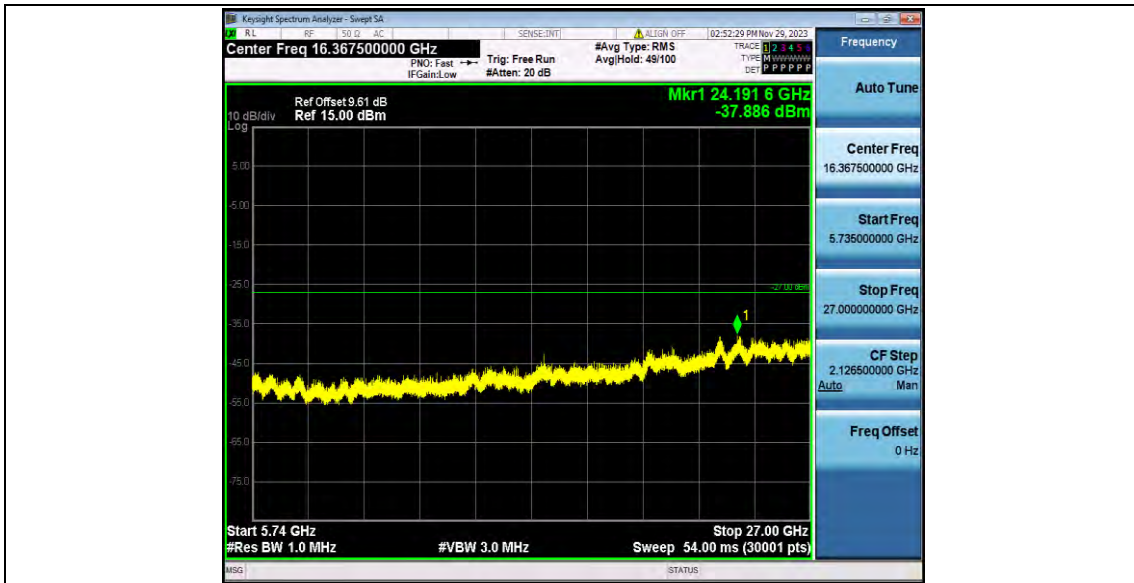
11A\_Ant1\_5700\_30~5460



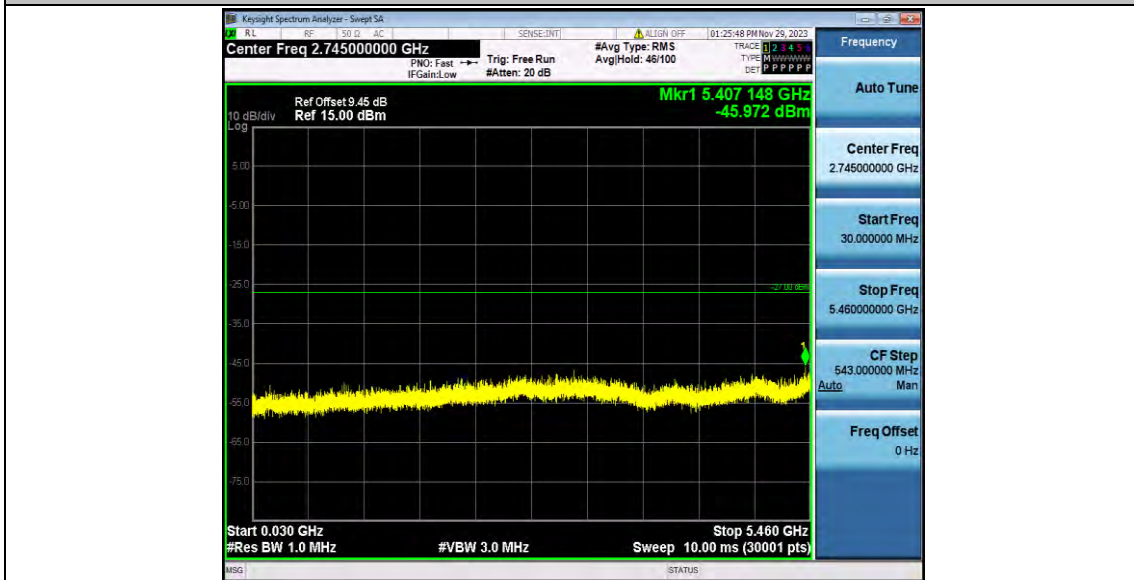
11A\_Ant1\_5700\_5735~40000



11N20SISO\_Ant1\_5500\_30~5460



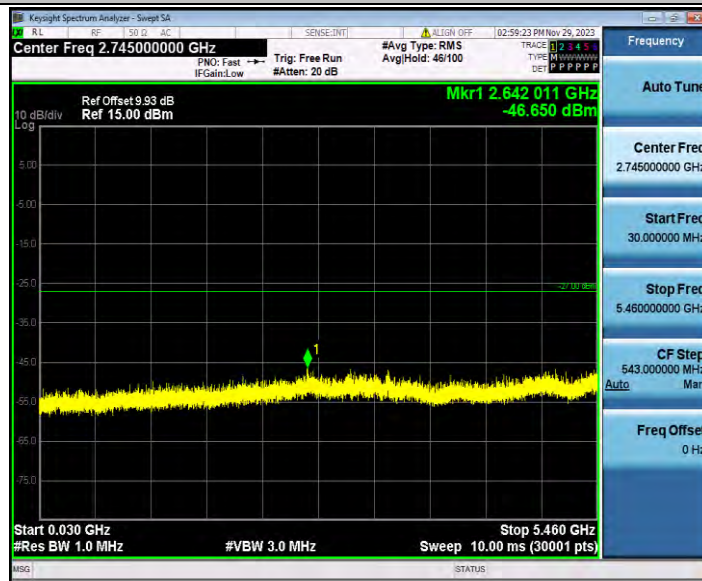
11N20SISO\_Ant1\_5500\_5735~40000



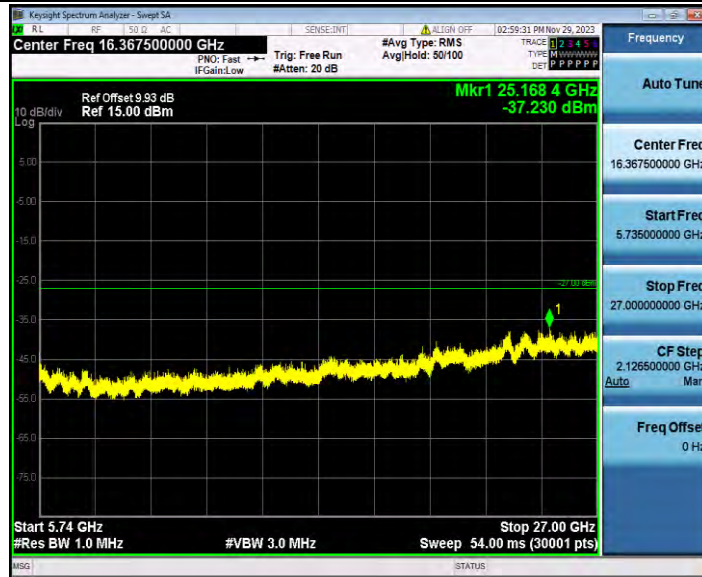
11N20SISO\_Ant1\_5600\_30~5460



11N20SISO\_Ant1\_5600\_5735~40000



11N20SISO\_Ant1\_5700\_30~5460

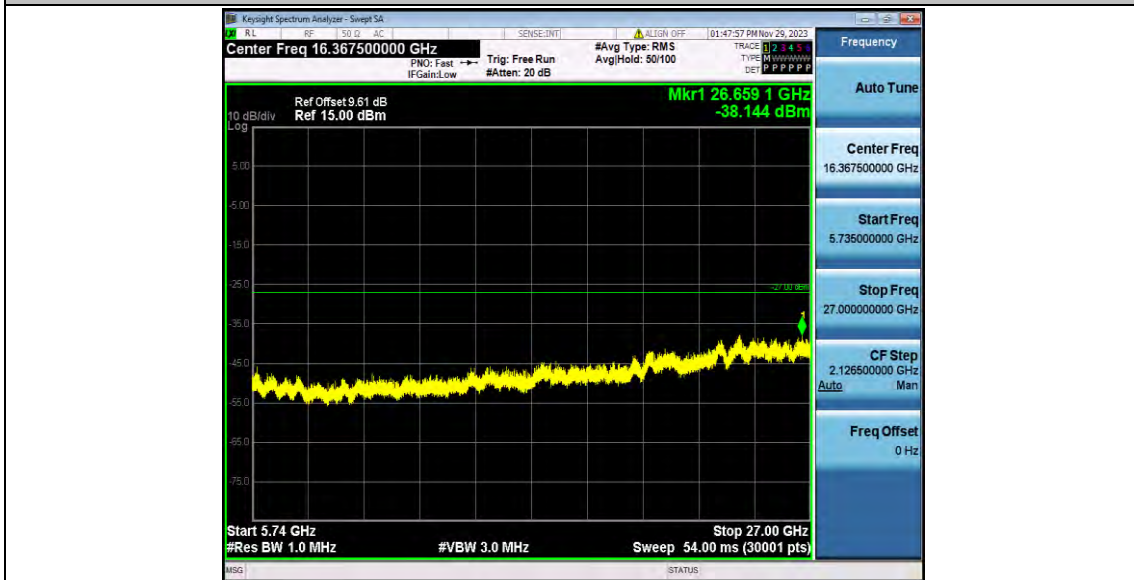


11N20SISO\_Ant1\_5700\_5735~40000

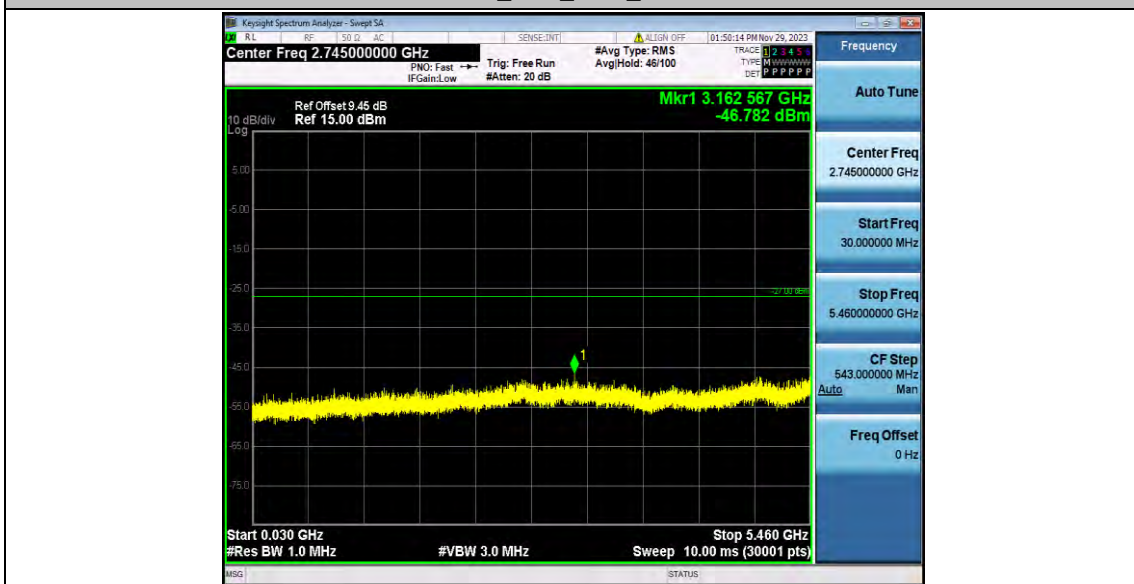




11N40SISO\_Ant1\_5510\_30~5460

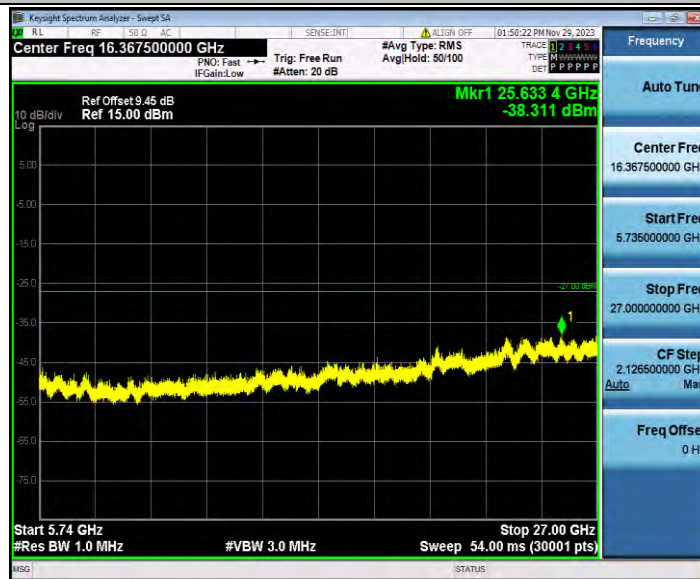


11N40SISO\_Ant1\_5510\_5735~40000





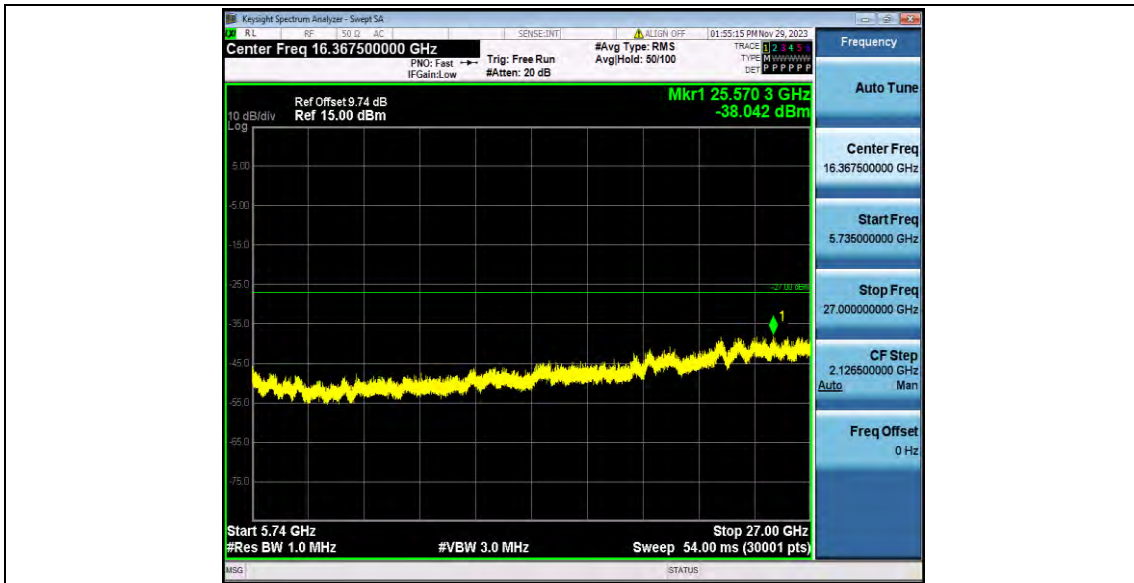
11N40SISO\_Ant1\_5590\_30~5460



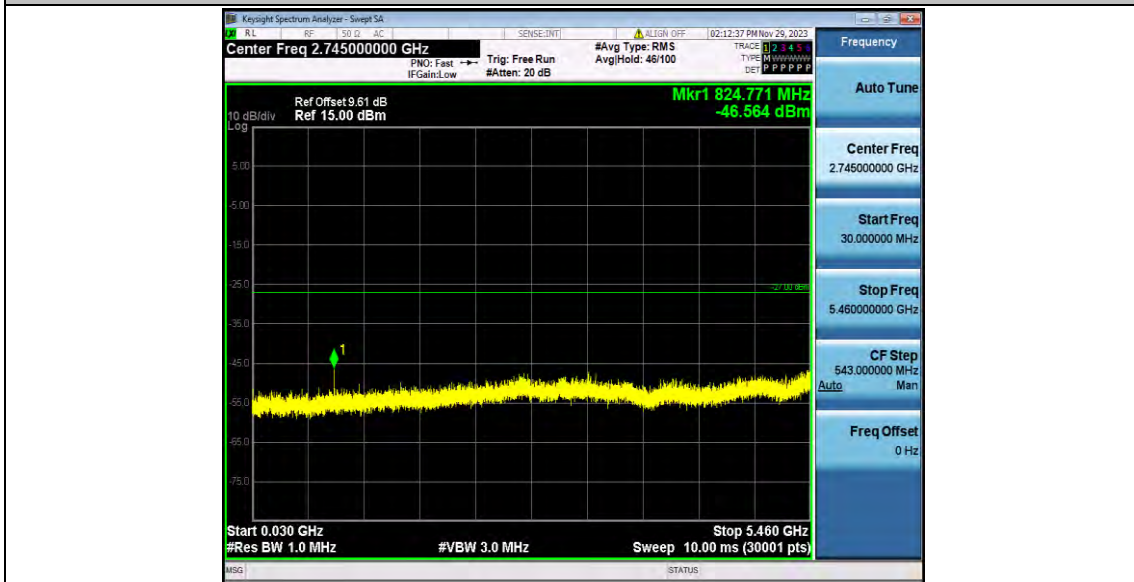
11N40SISO\_Ant1\_5590\_5735~40000



11N40SISO\_Ant1\_5670\_30~5460



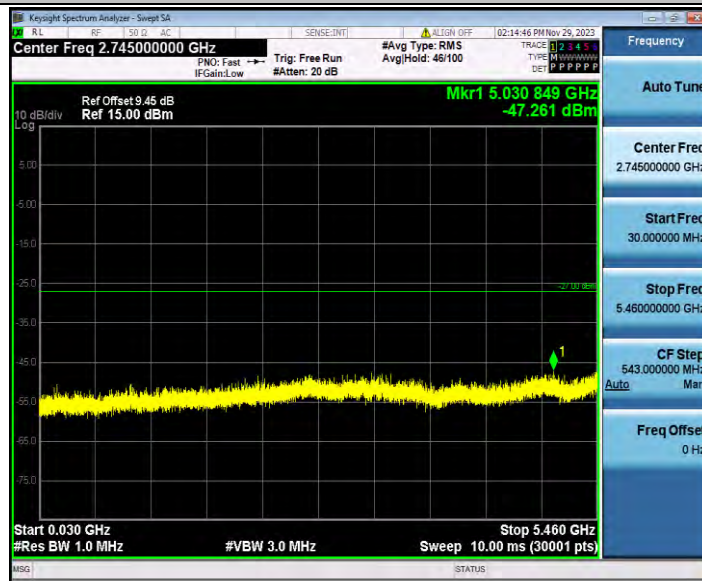
11N40SISO\_Ant1\_5670\_5735~40000



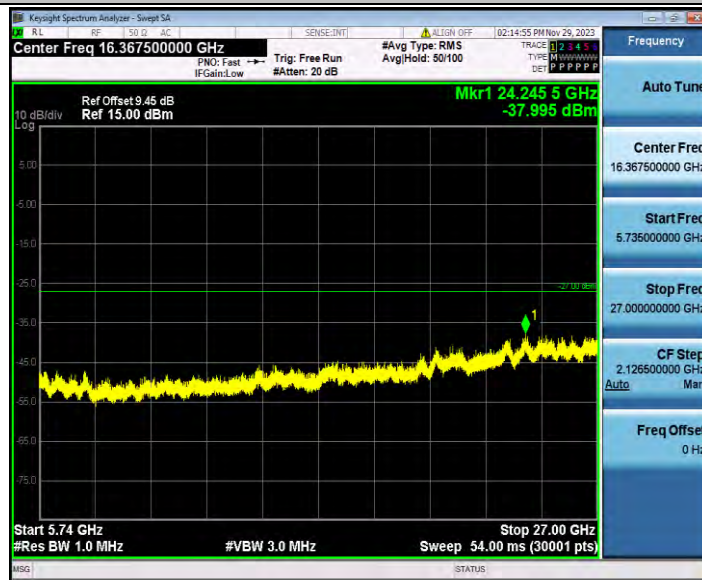
11AC20SISO\_Ant1\_5500\_30~5460



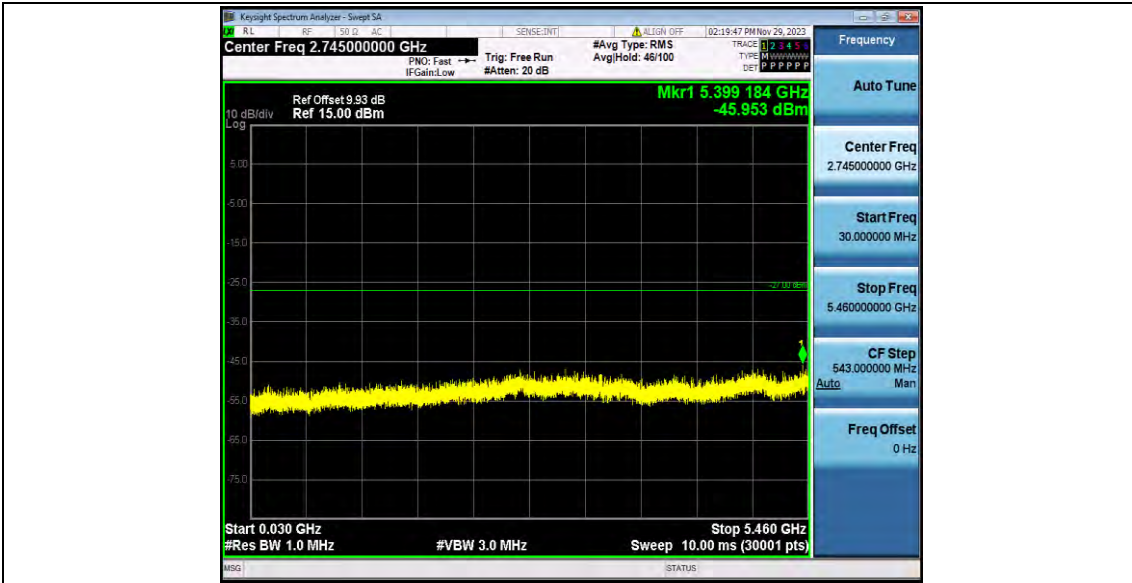
11AC20SISO\_Ant1\_5500\_5735~40000



11AC20SISO\_Ant1\_5600\_30~5460



11AC20SISO\_Ant1\_5600\_5735~40000



11AC20SISO\_Ant1\_5700\_30~5460

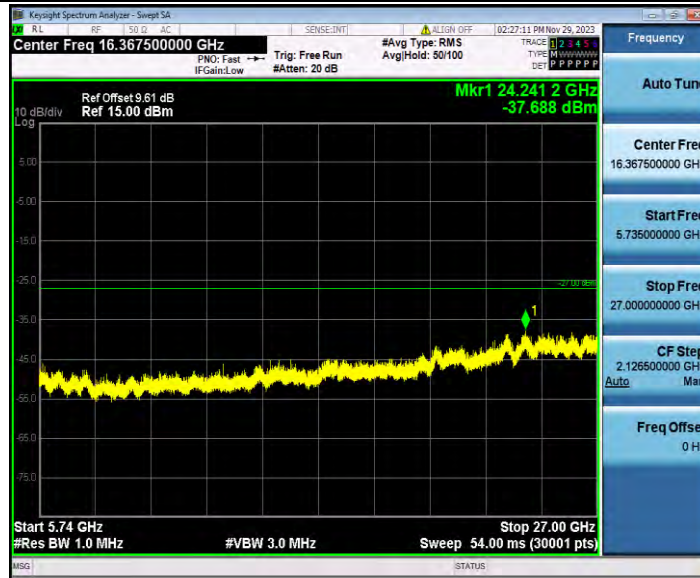


11AC20SISO\_Ant1\_5700\_5735~40000

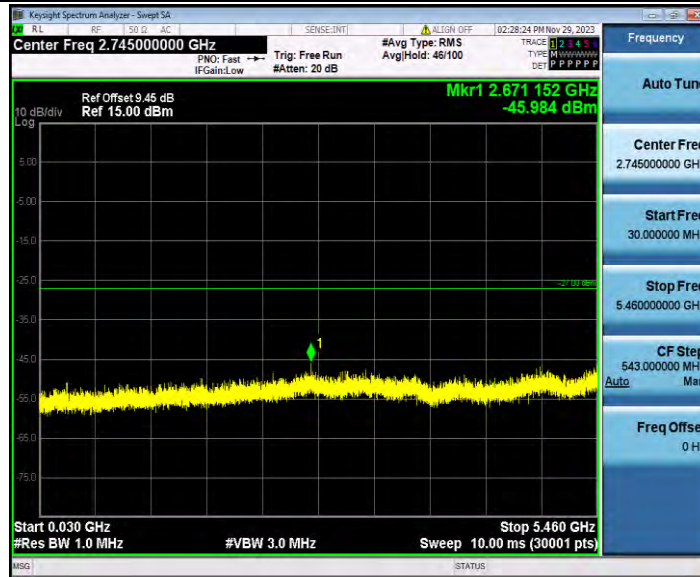




11AC40SISO\_Ant1\_5510\_30~5460

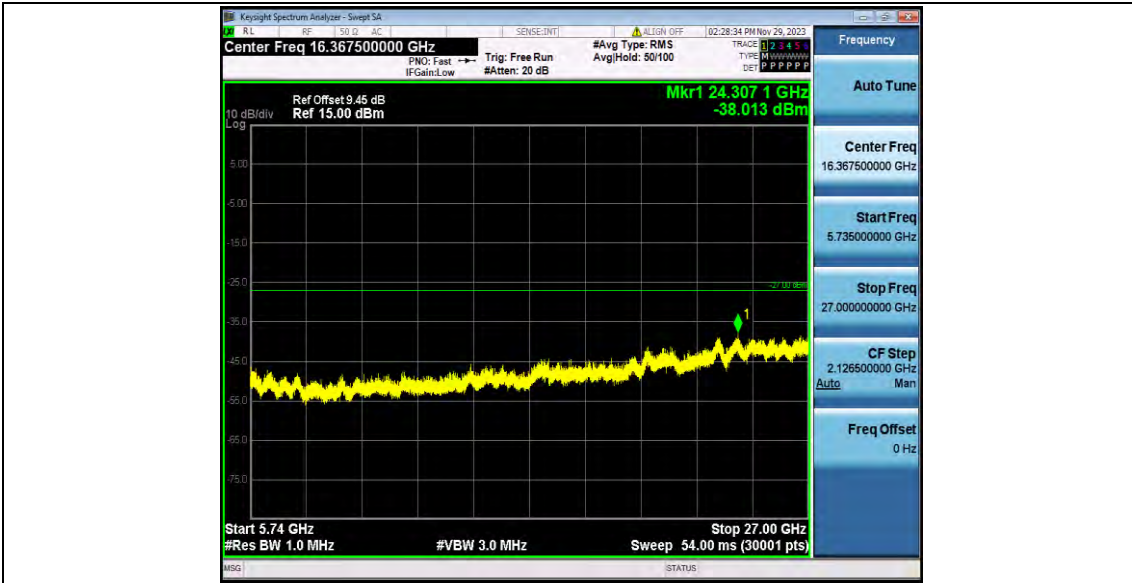


11AC40SISO\_Ant1\_5510\_5735~40000

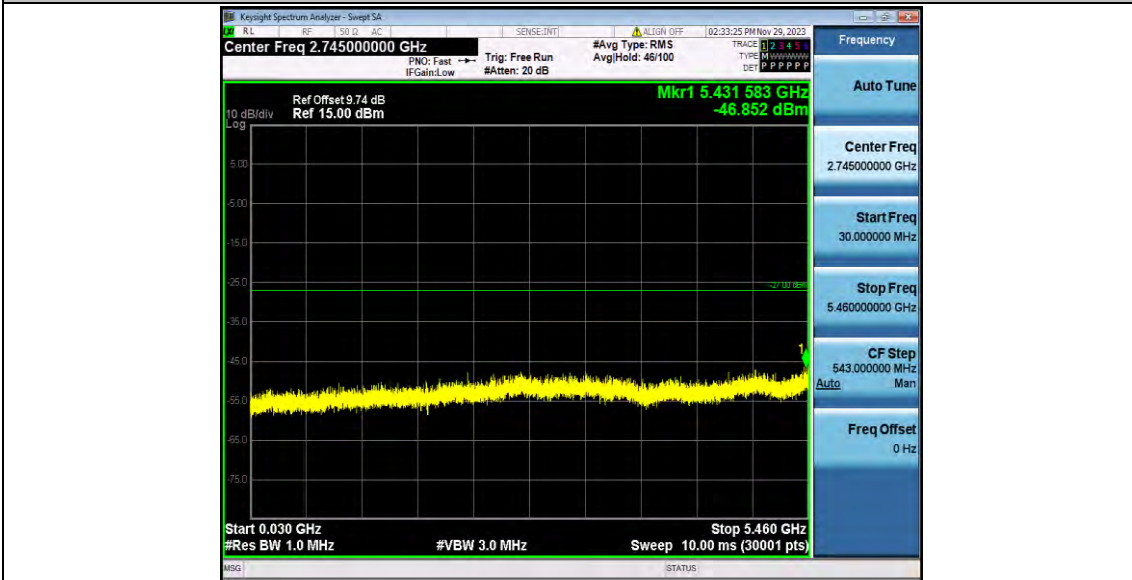


11AC40SISO\_Ant1\_5590\_30~5460

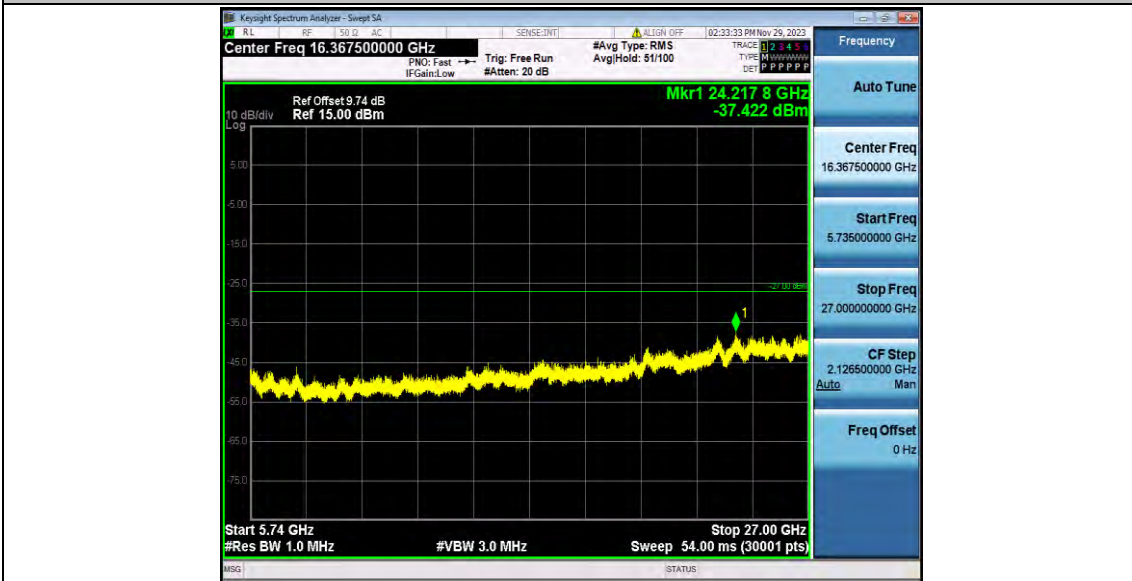




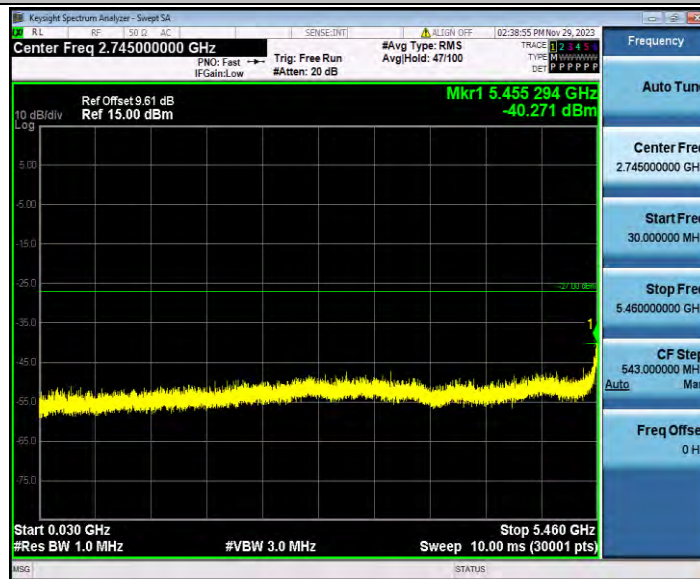
11AC40SISO\_Ant1\_5590\_5735~4000



11AC40SISO\_Ant1\_5670\_30~5460



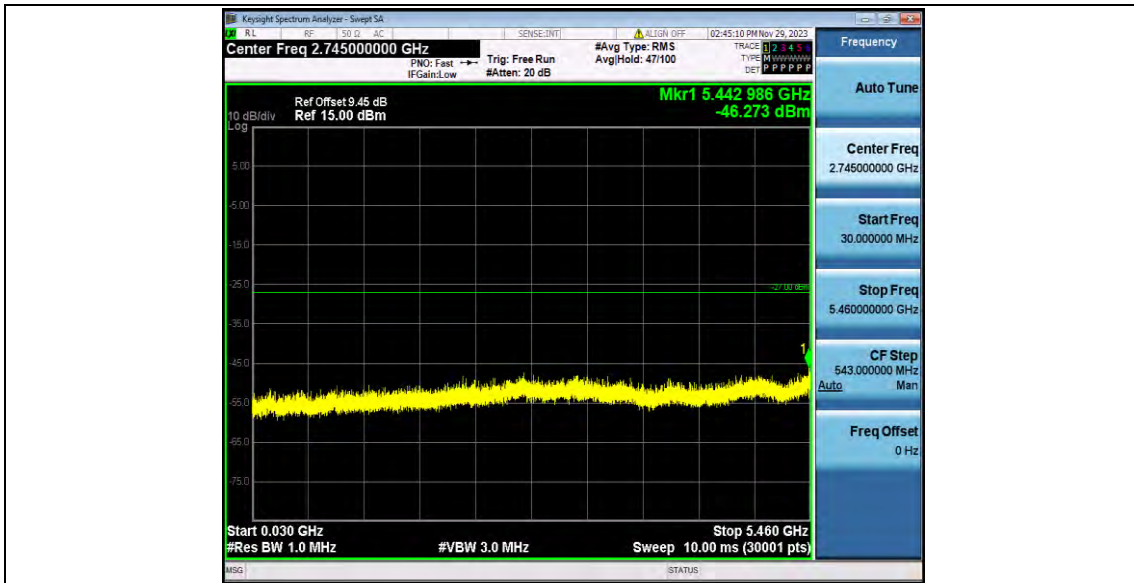
11AC40SISO\_Ant1\_5670\_5735~40000



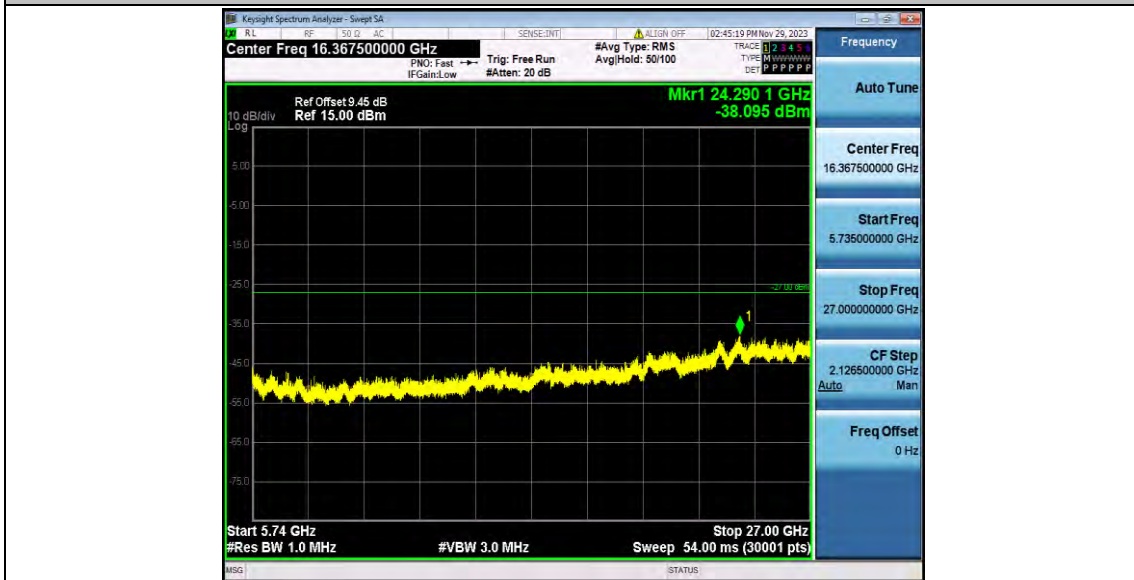
11AC80SISO\_Ant1\_5530\_30~5460



11AC80SISO\_Ant1\_5530\_5735~40000



11AC80SISO\_Ant1\_5610\_30~5460



11AC80SISO\_Ant1\_5610\_5735~40000

## Appendix F.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	5500	AV	5460.000	-46.02	≤-41.20	49.18	≤54	PASS
				AV	5469.710	-45.36	≤-41.20	49.84	≤54	PASS
				AV	5470.000	-45.36	≤-41.20	49.84	≤54	PASS
				Peak	5460.000	-40.13	≤-21.20	55.07	≤74	PASS
				Peak	5464.030	-40.38	≤-21.20	54.82	≤74	PASS
				Peak	5470.000	-44.82	≤-21.20	50.38	≤74	PASS
		High	5700	AV	5725.000	-44.42	≤-41.20	50.78	≤54	PASS
				AV	5725.320	-44.42	≤-41.20	50.78	≤54	PASS
				AV	5735.000	-46.77	≤-41.20	48.43	≤54	PASS
				Peak	5725.000	-43.58	≤-21.20	51.62	≤74	PASS
				Peak	5726.030	-39.54	≤-21.20	55.66	≤74	PASS
				Peak	5735.000	-44.11	≤-21.20	51.09	≤74	PASS
11N20SIS O	Ant1	Low	5500	AV	5460.000	-46.28	≤-41.20	48.92	≤54	PASS
				AV	5469.710	-45.69	≤-41.20	49.51	≤54	PASS
				AV	5470.000	-45.69	≤-41.20	49.51	≤54	PASS
				Peak	5460.000	-44.91	≤-21.20	50.29	≤74	PASS
				Peak	5464.030	-38.07	≤-21.20	57.13	≤74	PASS
				Peak	5470.000	-43.26	≤-21.20	51.94	≤74	PASS
		High	5700	AV	5725.000	-45.07	≤-41.20	50.13	≤54	PASS
				AV	5725.320	-45.07	≤-41.20	50.13	≤54	PASS
				AV	5735.000	-46.54	≤-41.20	48.66	≤54	PASS
				Peak	5725.000	-44.06	≤-21.20	51.14	≤74	PASS
				Peak	5728.870	-38.6	≤-21.20	56.60	≤74	PASS
				Peak	5735.000	-43.73	≤-21.20	51.47	≤74	PASS
11N40SIS O	Ant1	Low	5510	AV	5460.000	-45.23	≤-41.20	49.97	≤54	PASS
				AV	5469.770	-43.65	≤-41.20	51.55	≤54	PASS
				AV	5470.000	-43.65	≤-41.20	51.55	≤54	PASS
				Peak	5460.000	-40.59	≤-21.20	54.61	≤74	PASS
				Peak	5467.640	-37.54	≤-21.20	57.66	≤74	PASS
				Peak	5470.000	-39.13	≤-21.20	56.07	≤74	PASS
		High	5670	AV	5725.000	-46.39	≤-41.20	48.81	≤54	PASS
				AV	5725.140	-46.39	≤-41.20	48.81	≤54	PASS
				AV	5735.000	-46.77	≤-41.20	48.43	≤54	PASS
				Peak	5725.000	-41.97	≤-21.20	53.23	≤74	PASS
				Peak	5726.560	-39.21	≤-21.20	55.99	≤74	PASS
				Peak	5735.000	-42.67	≤-21.20	52.53	≤74	PASS

11AC20SI SO	Ant1	Low	5500	AV	5460.000	-46.23	$\leq -41.20$	48.97	$\leq 54$	PASS
				AV	5469.710	-45.65	$\leq -41.20$	49.55	$\leq 54$	PASS
				AV	5470.000	-45.65	$\leq -41.20$	49.55	$\leq 54$	PASS
				Peak	5460.000	-45.46	$\leq -21.20$	49.74	$\leq 74$	PASS
				Peak	5469.710	-40.39	$\leq -21.20$	54.81	$\leq 74$	PASS
				Peak	5470.000	-40.39	$\leq -21.20$	54.81	$\leq 74$	PASS
	High	5700	AV	5725.000	-45.22	$\leq -41.20$	49.98	$\leq 54$	PASS	
			AV	5725.320	-45.22	$\leq -41.20$	49.98	$\leq 54$	PASS	
			AV	5735.000	-46.58	$\leq -41.20$	48.62	$\leq 54$	PASS	
			Peak	5725.000	-41.55	$\leq -21.20$	53.65	$\leq 74$	PASS	
			Peak	5728.160	-38.92	$\leq -21.20$	56.28	$\leq 74$	PASS	
			Peak	5735.000	-47.5	$\leq -21.20$	47.70	$\leq 74$	PASS	
11AC40SI SO	Ant1	Low	5510	AV	5460.000	-45.18	$\leq -41.20$	50.02	$\leq 54$	PASS
				AV	5469.770	-43.74	$\leq -41.20$	51.46	$\leq 54$	PASS
				AV	5470.000	-43.74	$\leq -41.20$	51.46	$\leq 54$	PASS
				Peak	5460.000	-41.1	$\leq -21.20$	54.10	$\leq 74$	PASS
				Peak	5467.640	-38.35	$\leq -21.20$	56.85	$\leq 74$	PASS
				Peak	5470.000	-43.15	$\leq -21.20$	52.05	$\leq 74$	PASS
	High	5670	AV	5725.000	-46.38	$\leq -41.20$	48.82	$\leq 54$	PASS	
			AV	5725.140	-46.38	$\leq -41.20$	48.82	$\leq 54$	PASS	
			AV	5735.000	-46.73	$\leq -41.20$	48.47	$\leq 54$	PASS	
			Peak	5725.000	-45.15	$\leq -21.20$	50.05	$\leq 74$	PASS	
			Peak	5730.110	-40.61	$\leq -21.20$	54.59	$\leq 74$	PASS	
			Peak	5735.000	-41.04	$\leq -21.20$	54.16	$\leq 74$	PASS	
11AC80SI SO	Ant1	Low	5530	AV	5460.000	-44.26	$\leq -41.20$	50.94	$\leq 54$	PASS
				AV	5469.890	-43.47	$\leq -41.20$	51.73	$\leq 54$	PASS
				AV	5470.000	-43.47	$\leq -41.20$	51.73	$\leq 54$	PASS
				Peak	5460.000	-44.17	$\leq -21.20$	51.03	$\leq 74$	PASS
				Peak	5469.180	-38.15	$\leq -21.20$	57.05	$\leq 74$	PASS
				Peak	5470.000	-41.62	$\leq -21.20$	53.58	$\leq 74$	PASS
	High	5610	AV	5725.000	-46.78	$\leq -41.20$	48.42	$\leq 54$	PASS	
			AV	5727.000	-46.77	$\leq -41.20$	48.43	$\leq 54$	PASS	
			AV	5735.000	-46.93	$\leq -41.20$	48.27	$\leq 54$	PASS	
			Peak	5725.000	-42.36	$\leq -21.20$	52.84	$\leq 74$	PASS	
			Peak	5727.700	-40.86	$\leq -21.20$	54.34	$\leq 74$	PASS	
			Peak	5735.000	-41.12	$\leq -21.20$	54.08	$\leq 74$	PASS	

## Note:

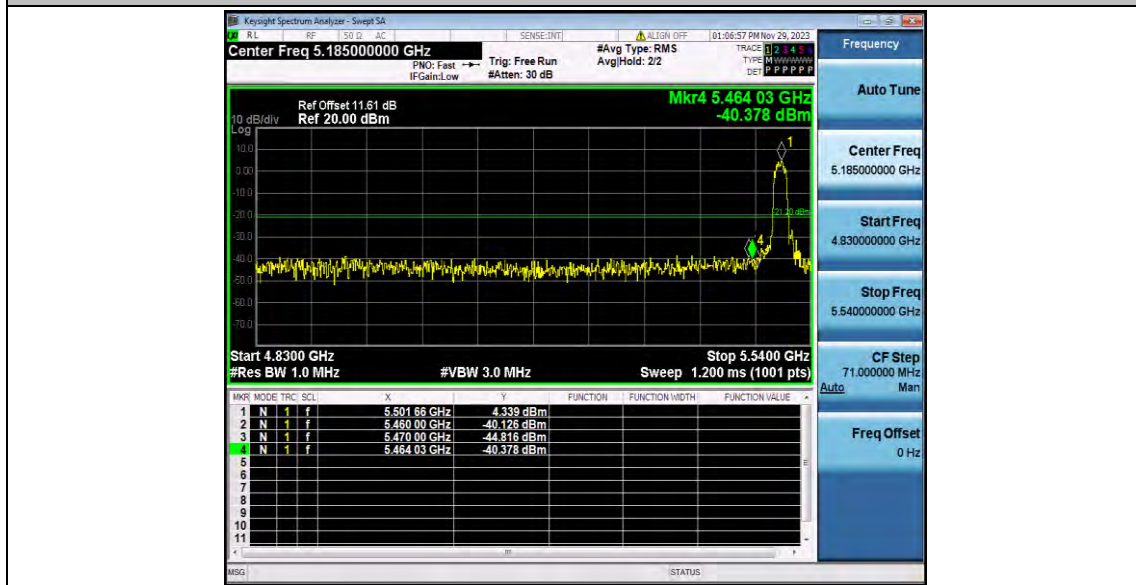
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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



## Test Graphs



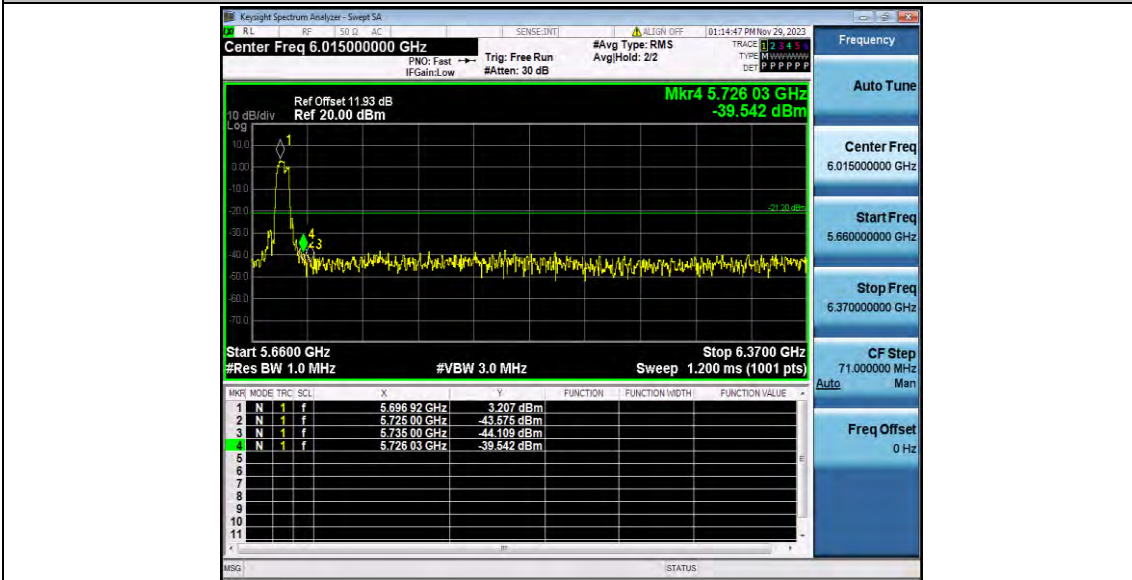
11A\_Ant1\_Low\_5500\_AV



11A\_Ant1\_Low\_5500\_Peak



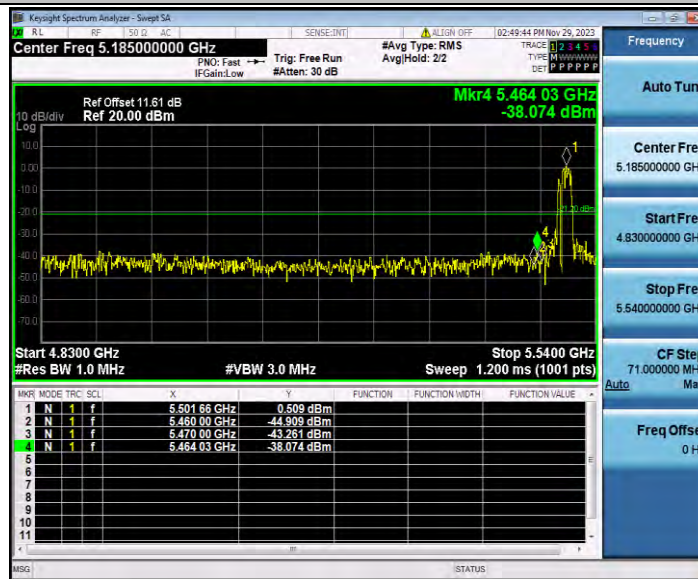
11A\_Ant1\_High\_5700\_AV



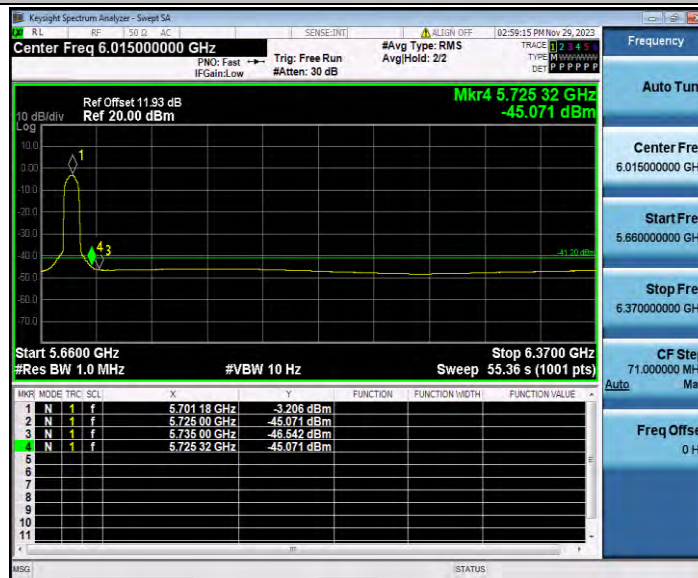
11A\_Ant1\_High\_5700\_Peak



11N20SISO\_Ant1\_Low\_5500\_AV

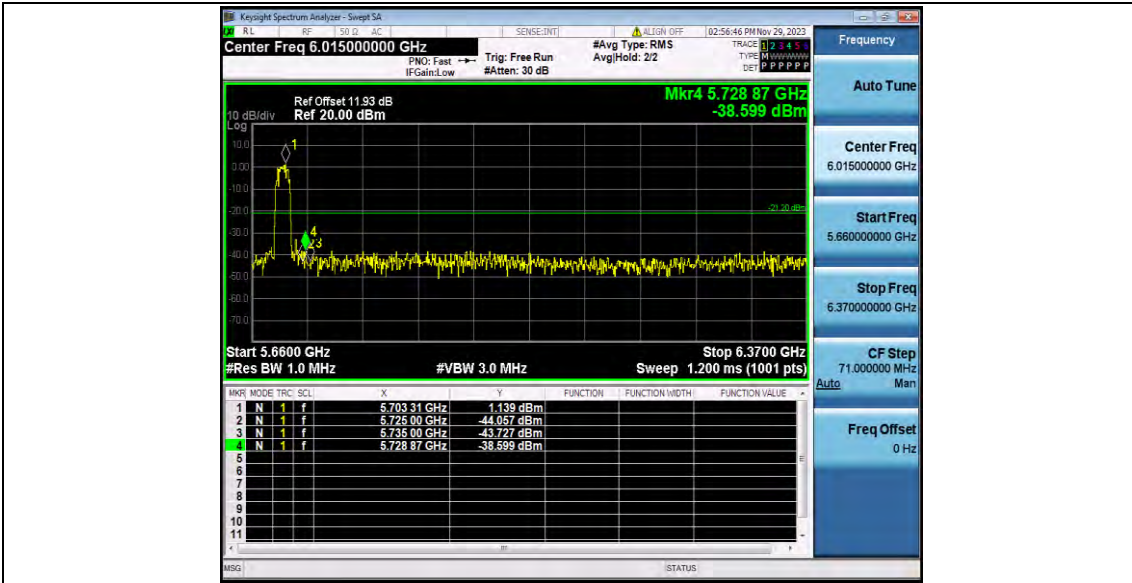


11N20SISO\_Ant1\_Low\_5500\_Peak



11N20SISO\_Ant1\_High\_5700\_AV

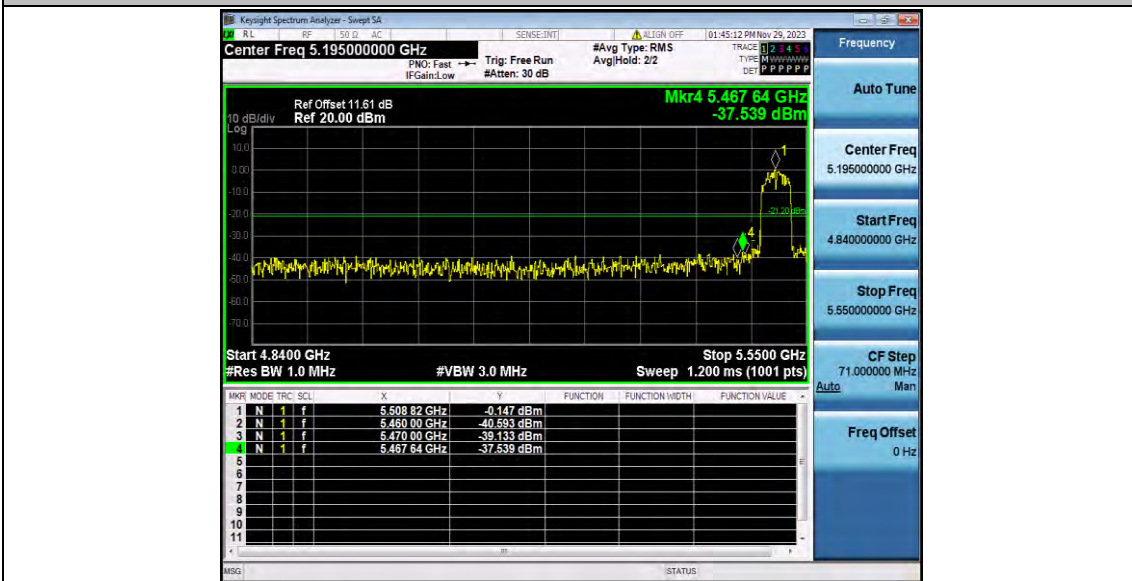




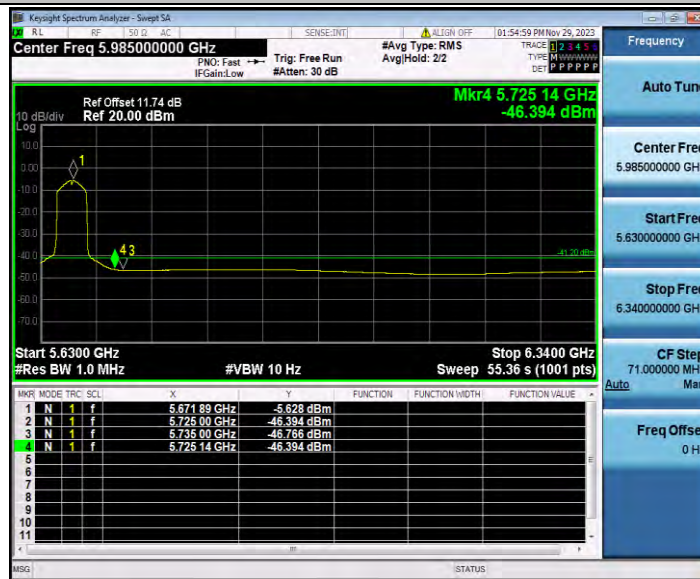
11N20SISO\_Ant1\_High\_5700\_Peak



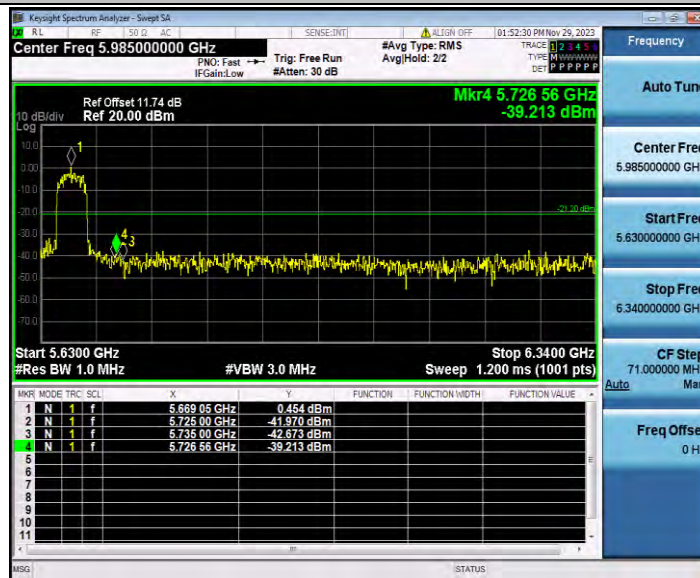
11N40SISO\_Ant1\_Low\_5510\_AV



11N40SISO\_Ant1\_Low\_5510\_Peak

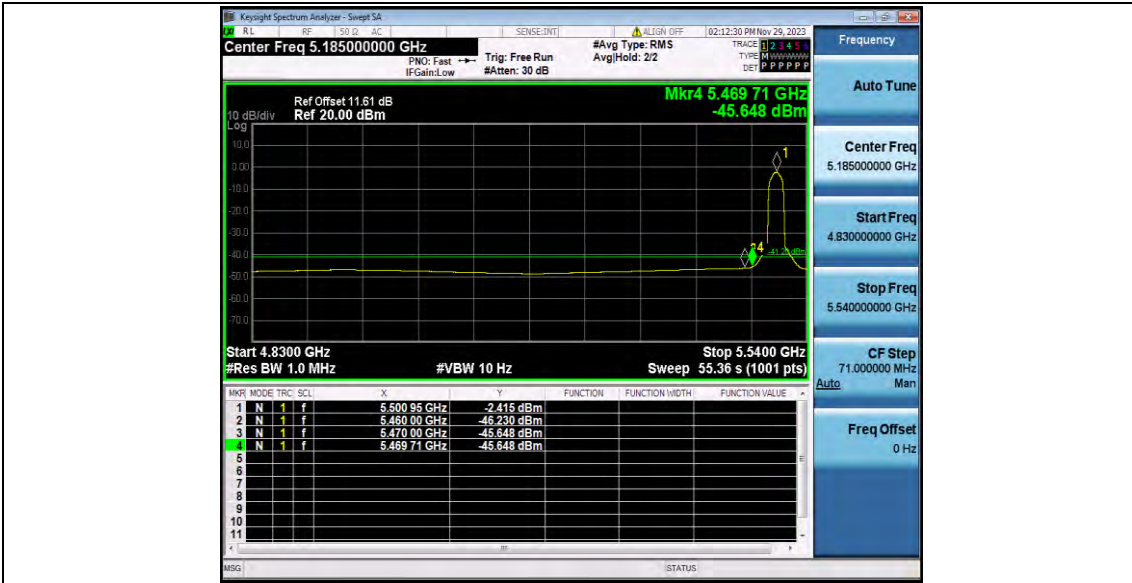


11N40SISO\_Ant1\_High\_5670\_AV

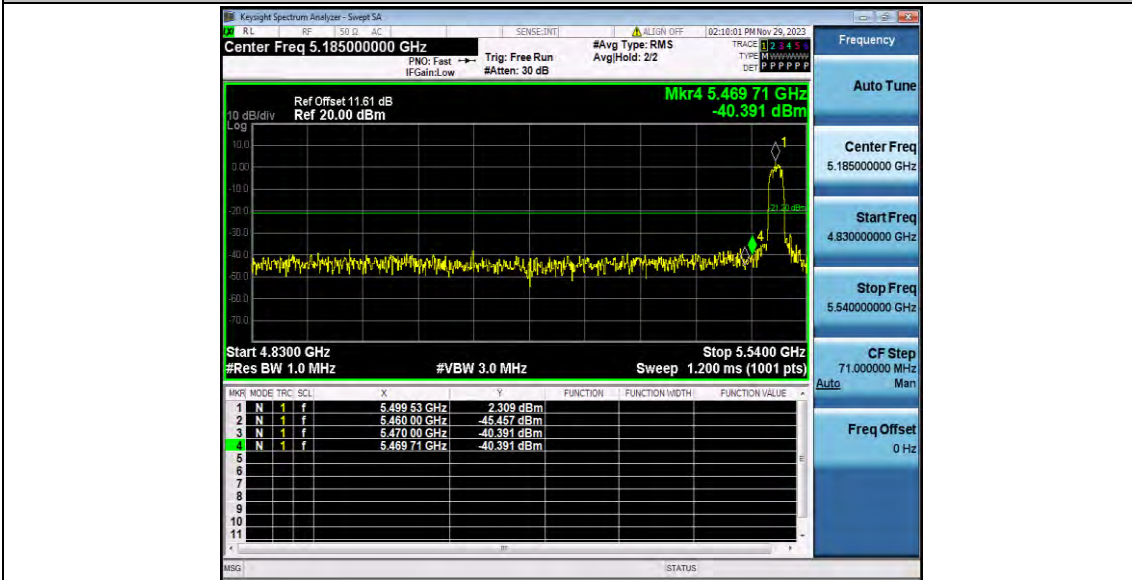


11N40SISO\_Ant1\_High\_5670\_Peak





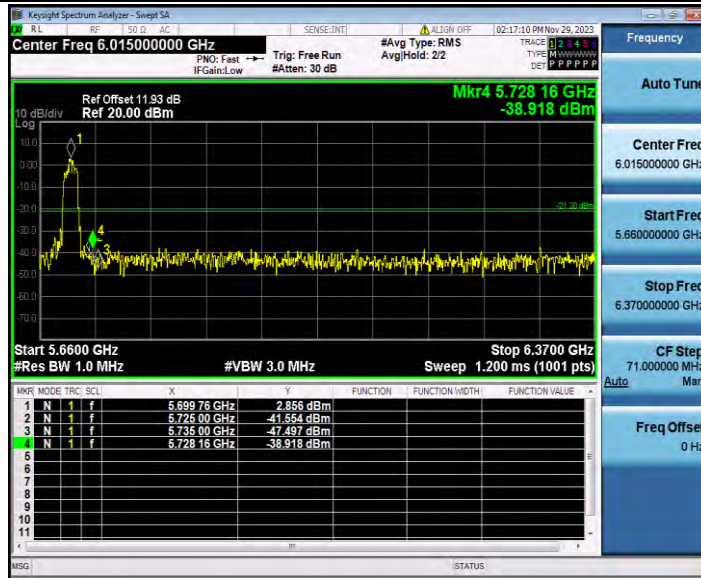
11AC20SISO\_Ant1\_Low\_5500\_AV



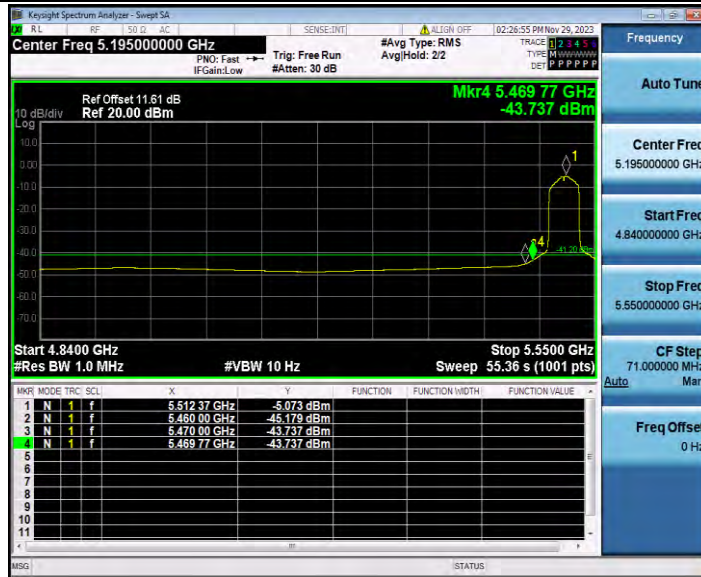
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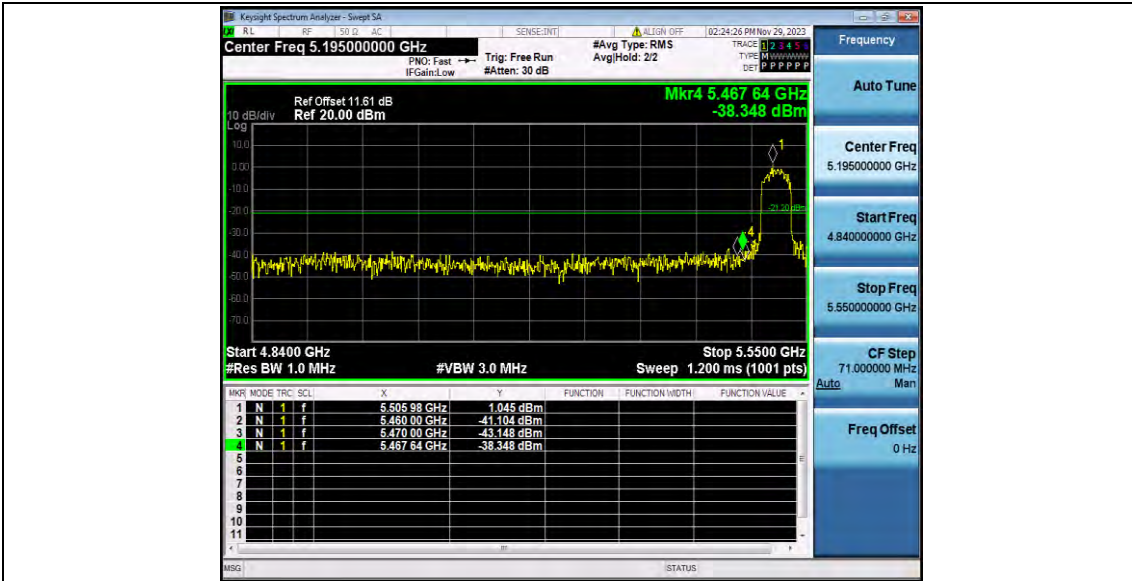
11AC20SISO\_Ant1\_High\_5700\_AV



11AC20SISO\_Ant1\_High\_5700\_Peak



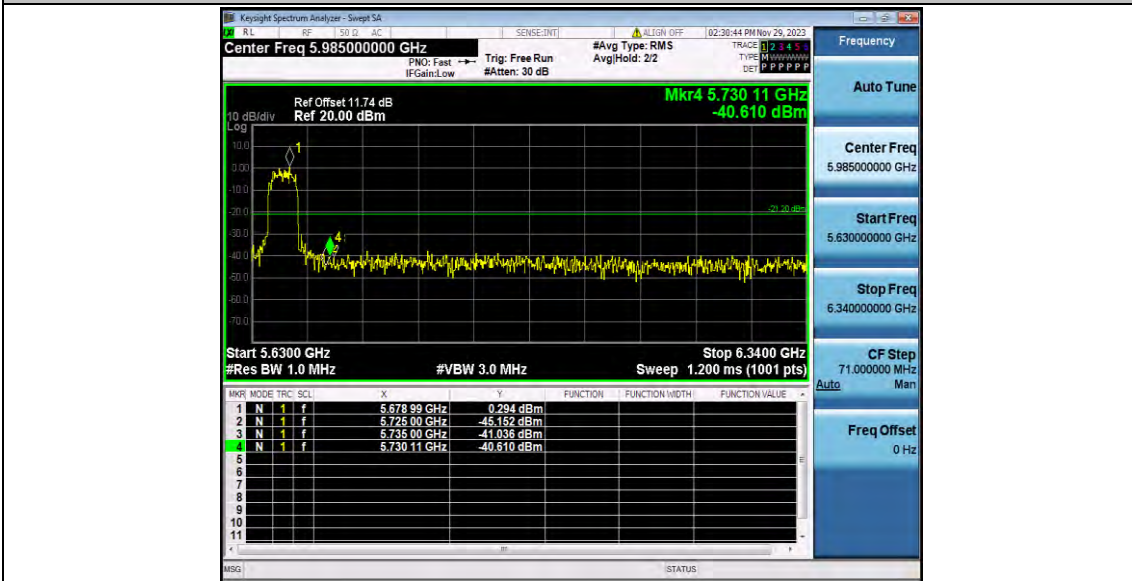
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11AC40SISO\_Ant1\_Low\_5510\_Peak

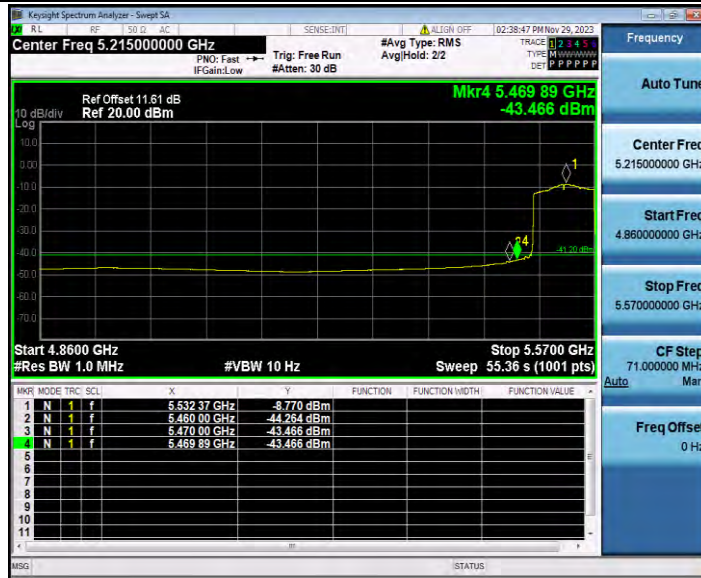


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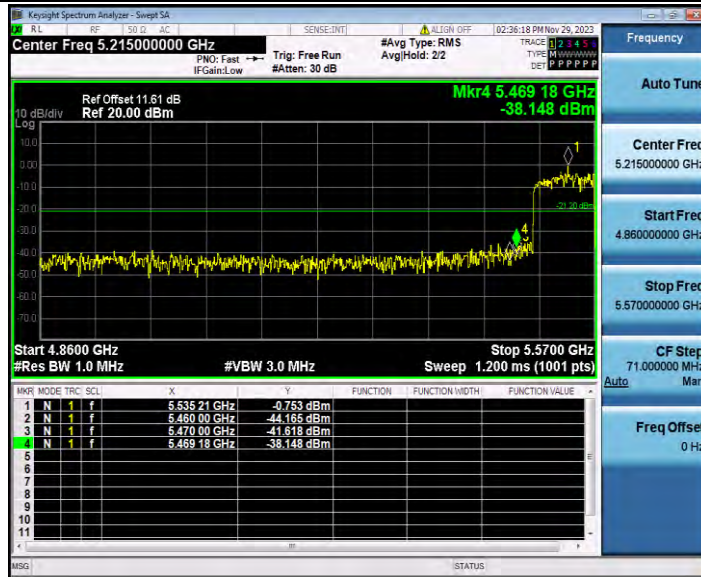




11AC40SISO\_Ant1\_High\_5670\_Peak



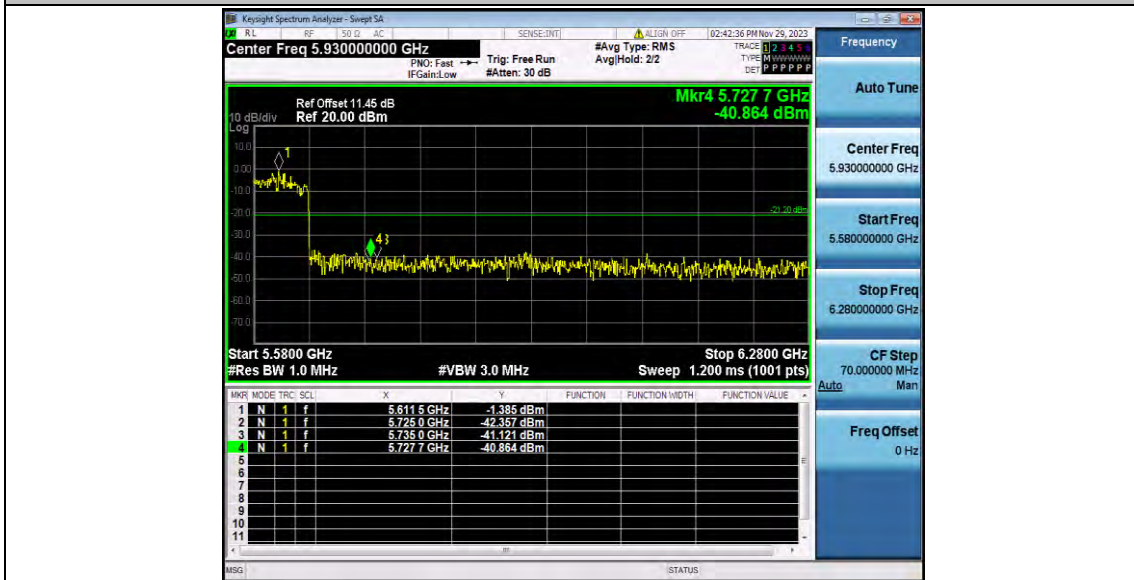
11AC80SISO\_Ant1\_Low\_5530\_AV



11AC80SISO\_Ant1\_Low\_5530\_Peak



11AC80SISO\_Ant1\_High\_5610\_AV



11AC80SISO\_Ant1\_High\_5610\_Peak