

## Appendix F.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	Ant1	5500	8.84	97.90	0.09	8.93	≤23.98	PASS
		5600	7.96	97.20	0.12	8.08	≤23.98	PASS
		5700	9.17	97.20	0.12	9.29	≤23.98	PASS
11N20SISO	Ant1	5500	8.68	97.01	0.13	8.81	≤23.98	PASS
		5600	7.61	97.01	0.13	7.74	≤23.98	PASS
		5700	8.92	97.01	0.13	9.05	≤23.98	PASS
11N40SISO	Ant1	5510	8.63	94.12	0.26	8.89	≤23.98	PASS
		5590	7.21	94.20	0.26	7.47	≤23.98	PASS
		5670	8.78	94.12	0.26	9.04	≤23.98	PASS
11AC20SISO	Ant1	5500	8.63	97.04	0.13	8.76	≤23.98	PASS
		5600	7.46	97.04	0.13	7.59	≤23.98	PASS
		5700	9.12	97.04	0.13	9.25	≤23.98	PASS
11AC40SISO	Ant1	5510	8.10	94.20	0.26	8.36	≤23.98	PASS
		5590	7.70	94.20	0.26	7.96	≤23.98	PASS
		5670	8.96	95.59	0.20	9.16	≤23.98	PASS
11AC80SISO	Ant1	5530	8.27	88.89	0.51	8.78	≤23.98	PASS
		5610	7.34	88.89	0.51	7.85	≤23.98	PASS

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

## Appendix F.5: Maximum power spectral density

### Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	-1.77	≤11.00	PASS
		5600	-2.24	≤11.00	PASS
		5700	-1.25	≤11.00	PASS
11N20SISO	Ant1	5500	-1.98	≤11.00	PASS
		5600	-2.94	≤11.00	PASS
		5700	-1.62	≤11.00	PASS
11N40SISO	Ant1	5510	-4.34	≤11.00	PASS
		5590	-5.9	≤11.00	PASS
		5670	-4.01	≤11.00	PASS
11AC20SISO	Ant1	5500	-2.04	≤11.00	PASS
		5600	-3.07	≤11.00	PASS
		5700	-1.42	≤11.00	PASS
11AC40SISO	Ant1	5510	-4.7	≤11.00	PASS
		5590	-5.41	≤11.00	PASS
		5670	-4.06	≤11.00	PASS
11AC80SISO	Ant1	5530	-7.55	≤11.00	PASS
		5610	-9.05	≤11.00	PASS

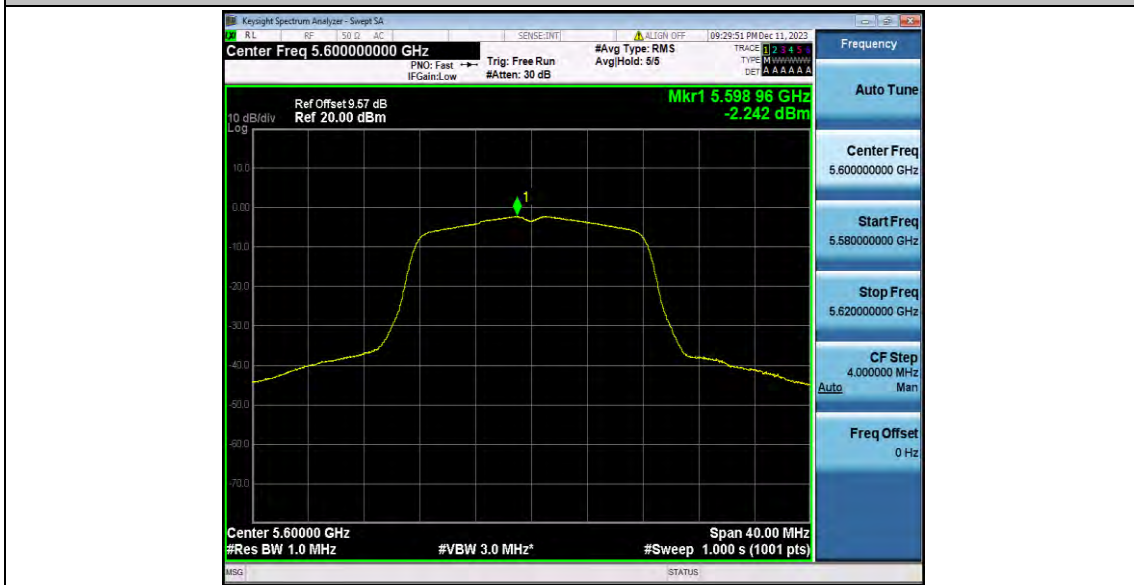
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs



11A\_Ant1\_5500



11A\_Ant1\_5600



11A\_Ant1\_5700



11N20SISO\_Ant1\_5500



11N20SISO\_Ant1\_5600



11N20SISO\_Ant1\_5700



11N40SISO\_Ant1\_5510



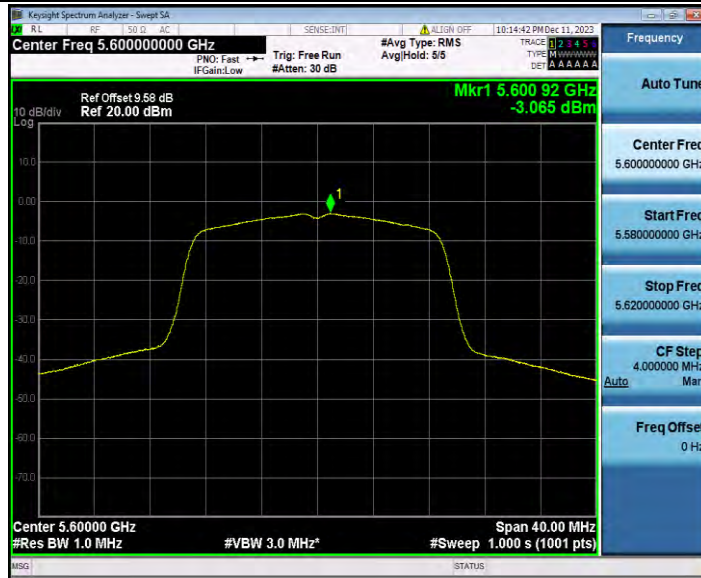
11N40SISO\_Ant1\_5590



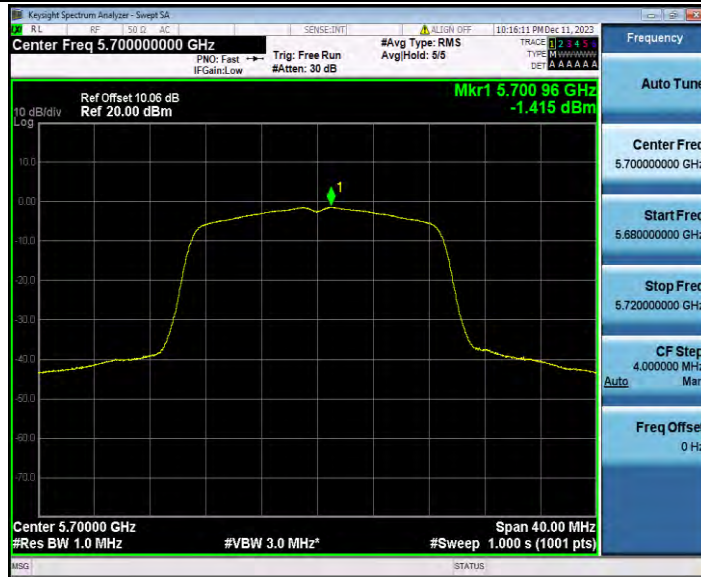
11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5600



11AC20SISO\_Ant1\_5700



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5590





11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



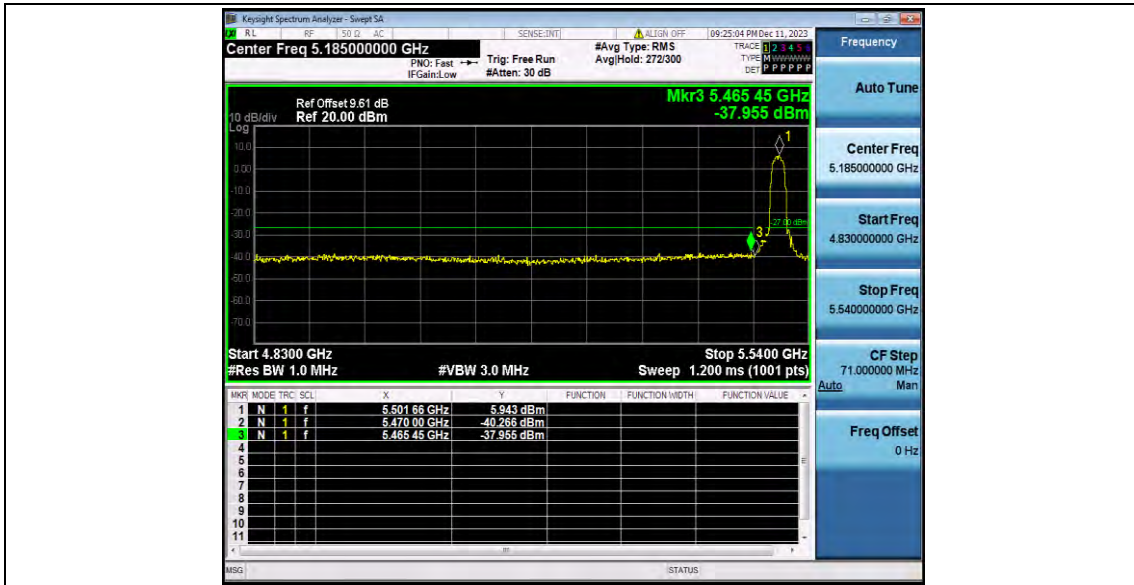
11AC80SISO\_Ant1\_5610

## Appendix F.6: Band edge measurements

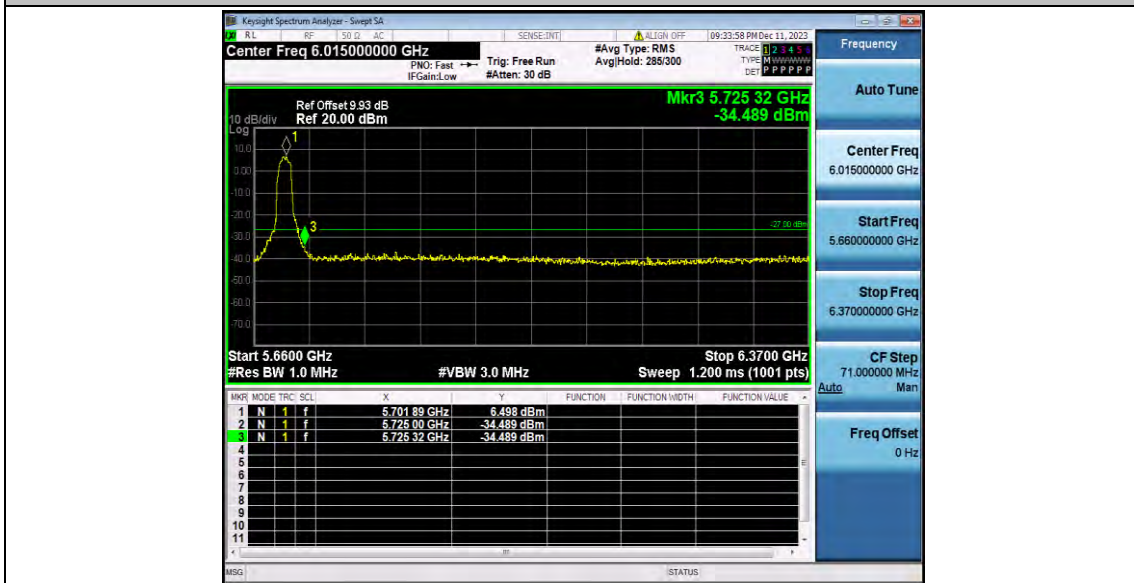
### Test Result B3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.96	$\leq -27$	PASS
		High	5700	-34.49	$\leq -27$	PASS
11N20SISO	Ant1	Low	5500	-36.12	$\leq -27$	PASS
		High	5700	-33.19	$\leq -27$	PASS
11N40SISO	Ant1	Low	5510	-34.26	$\leq -27$	PASS
		High	5670	-37.09	$\leq -27$	PASS
11AC20SISO	Ant1	Low	5500	-37.41	$\leq -27$	PASS
		High	5700	-34.97	$\leq -27$	PASS
11AC40SISO	Ant1	Low	5510	-35.03	$\leq -27$	PASS
		High	5670	-37.67	$\leq -27$	PASS
11AC80SISO	Ant1	Low	5530	-31.2	$\leq -27$	PASS
		High	5610	-37.97	$\leq -27$	PASS

### Test Graphs B3



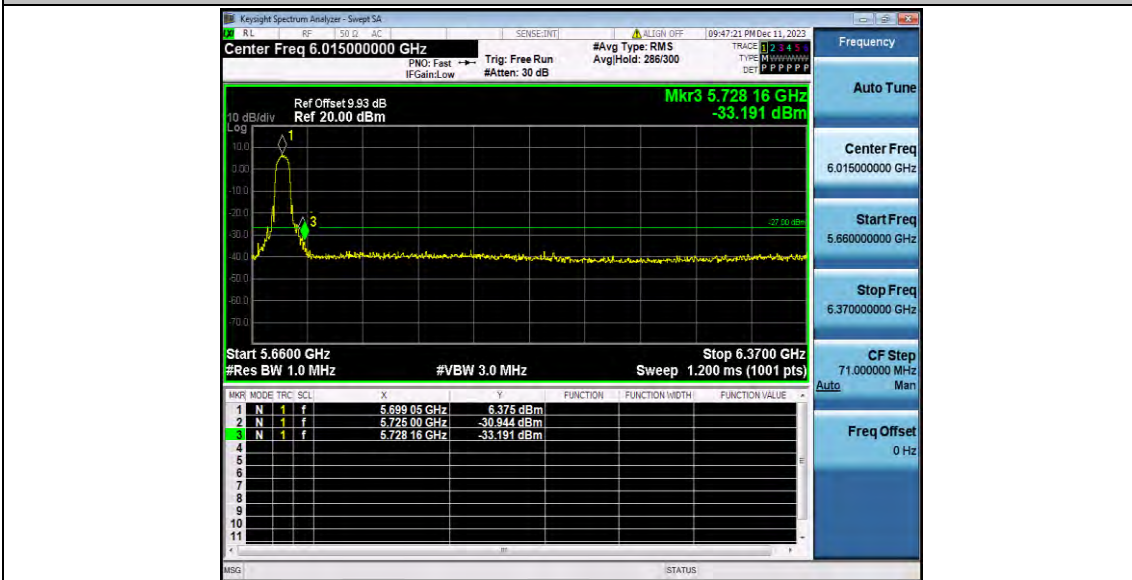
11A\_Ant1\_Low\_5500



11A\_Ant1\_High\_5700



11N20SISO\_Ant1\_Low\_5500



11N20SISO\_Ant1\_High\_5700



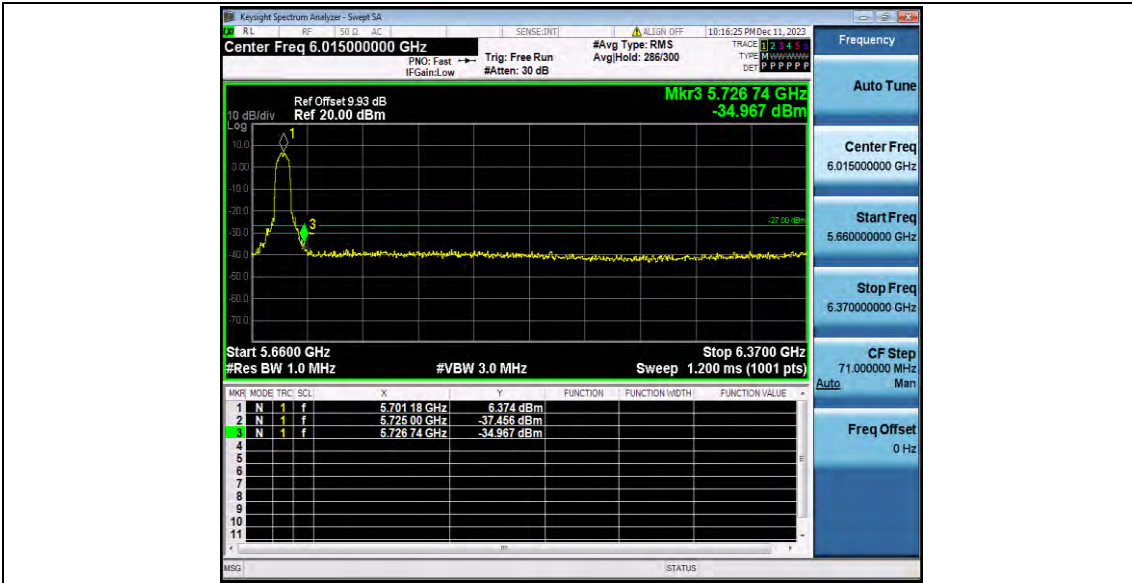
11N40SISO\_Ant1\_Low\_5510



11N40SISO\_Ant1\_High\_5670



11AC20SISO\_Ant1\_Low\_5500



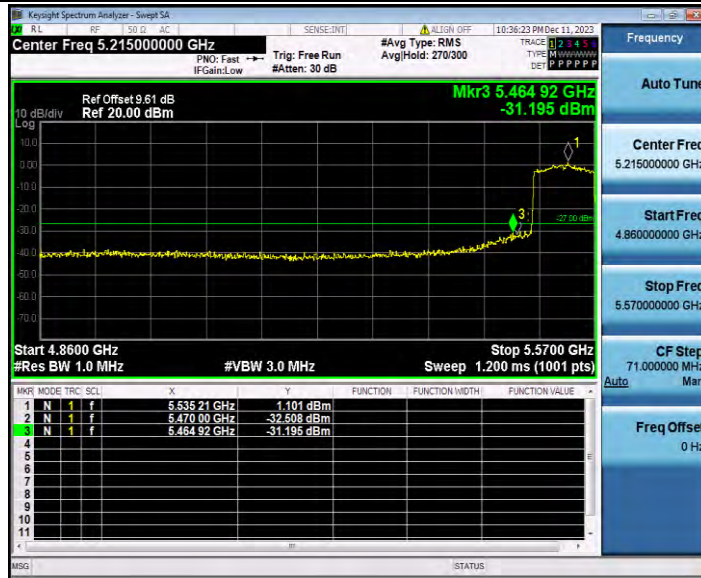
11AC20SISO\_Ant1\_High\_5700



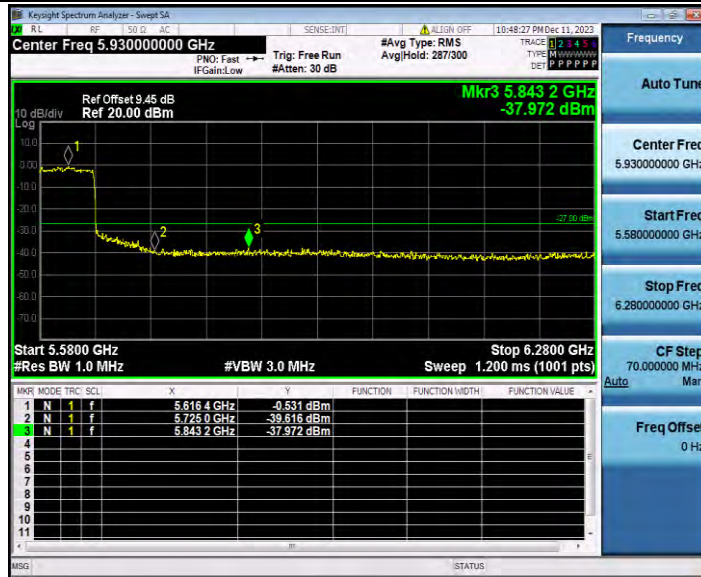
11AC40SISO\_Ant1\_Low\_5510



11AC40SISO\_Ant1\_High\_5670



11AC80SISO\_Ant1\_Low\_5530



11AC80SISO\_Ant1\_High\_5610

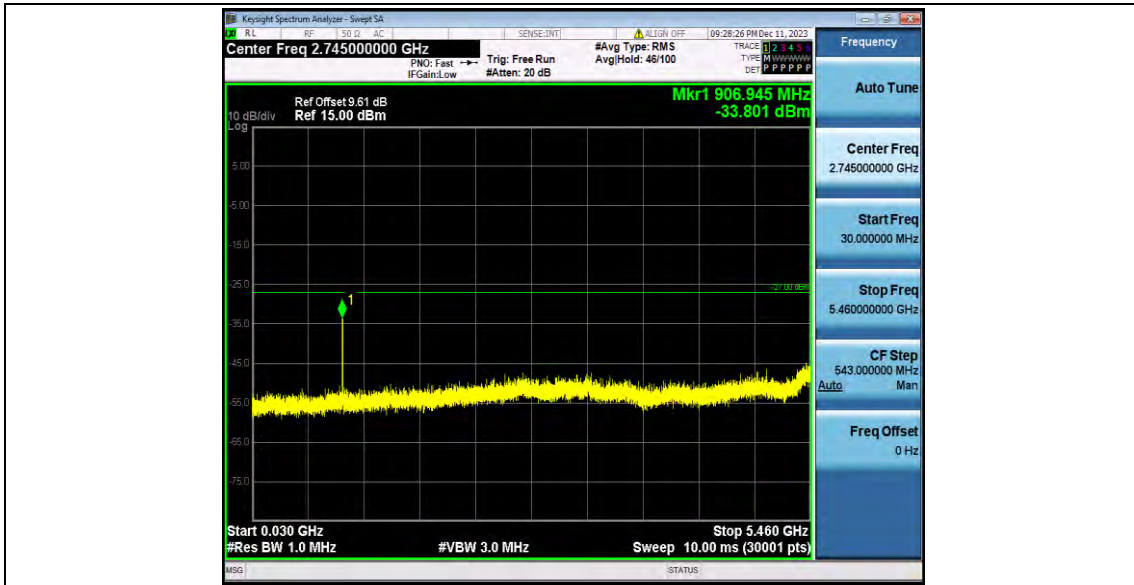
## Appendix F.7: Conducted Spurious Emission

### Test Result

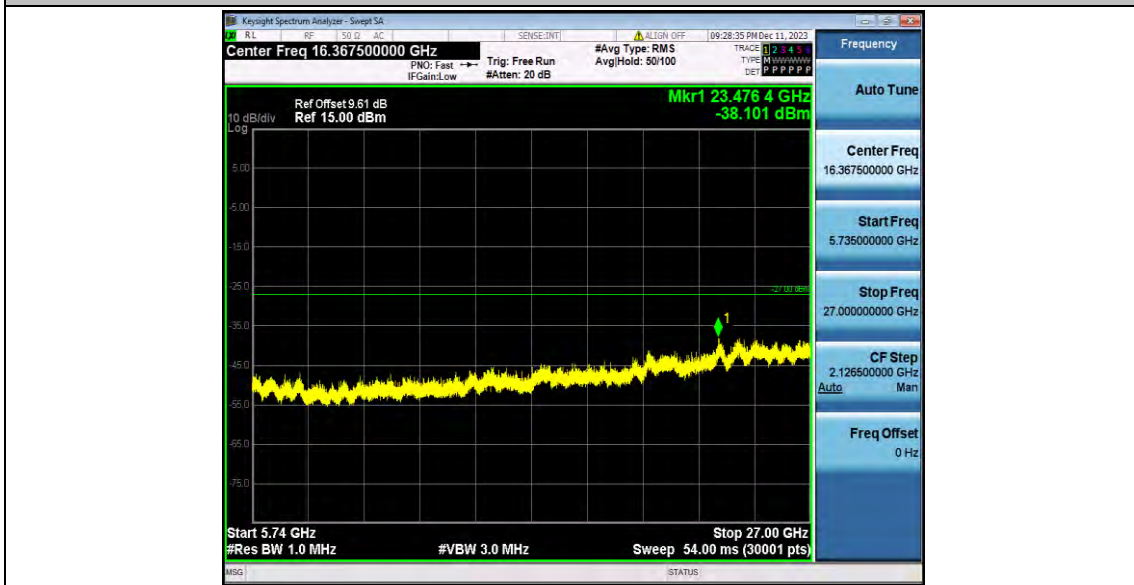
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	906.95	-33.8	≤-27	PASS
			5735~40000	23476.39	-38.1	≤-27	PASS
		5600	30~5460	5448.78	-45.5	≤-27	PASS
			5735~40000	24202.23	-37.91	≤-27	PASS
		5700	30~5460	914.91	-44.77	≤-27	PASS
			5735~40000	24229.88	-37.56	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5442.08	-44.86	≤-27	PASS
			5735~40000	25561.07	-37.19	≤-27	PASS
		5600	30~5460	5439.55	-45.97	≤-27	PASS
			5735~40000	24807.58	-37.33	≤-27	PASS
		5700	30~5460	5428.33	-46.59	≤-27	PASS
			5735~40000	26124.59	-37.79	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5456.74	-40.34	≤-27	PASS
			5735~40000	23523.17	-38.25	≤-27	PASS
		5590	30~5460	5449.68	-44.83	≤-27	PASS
			5735~40000	25086.15	-38.27	≤-27	PASS
		5670	30~5460	5423.8	-45.61	≤-27	PASS
			5735~40000	26794.44	-38.33	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5451.86	-45.02	≤-27	PASS
			5735~40000	24278.08	-36.88	≤-27	PASS
		5600	30~5460	907.31	-37.93	≤-27	PASS
			5735~40000	26033.86	-38.19	≤-27	PASS
		5700	30~5460	825.68	-45.67	≤-27	PASS
			5735~40000	23504.03	-37.77	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5454.93	-42.22	≤-27	PASS
			5735~40000	23496.24	-37.97	≤-27	PASS
		5590	30~5460	5437.56	-44.48	≤-27	PASS
			5735~40000	24201.53	-37.91	≤-27	PASS
		5670	30~5460	907.13	-38.3	≤-27	PASS
			5735~40000	25574.54	-37.92	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5458.91	-33.71	≤-27	PASS
			5735~40000	24203.65	-37.46	≤-27	PASS
		5610	30~5460	5448.96	-45.62	≤-27	PASS
			5735~40000	24197.98	-37.97	≤-27	PASS



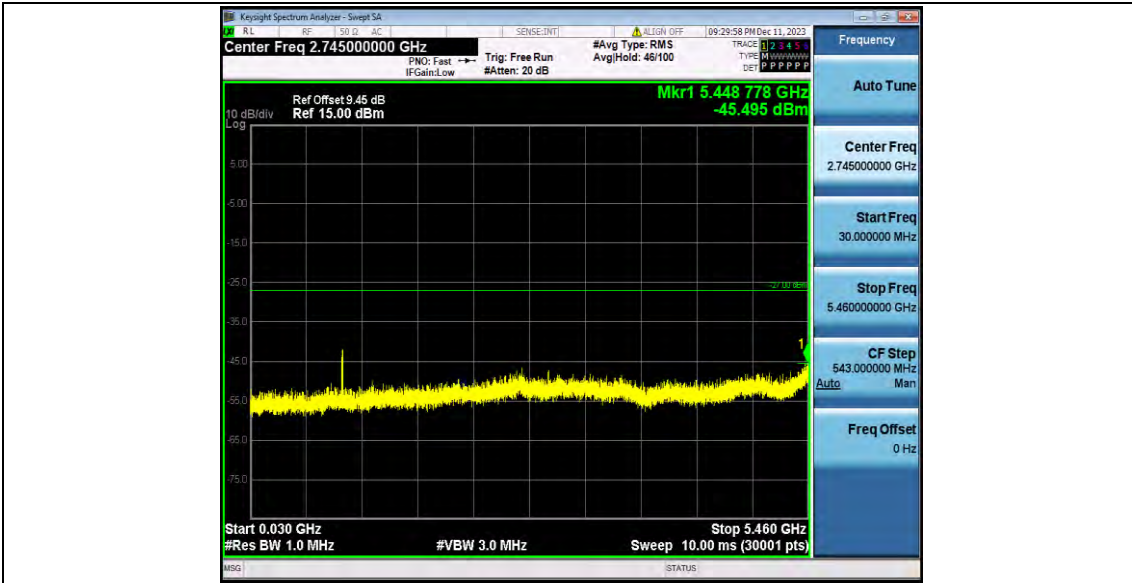
## Test Graphs



11A\_Ant1\_5500\_30~5460



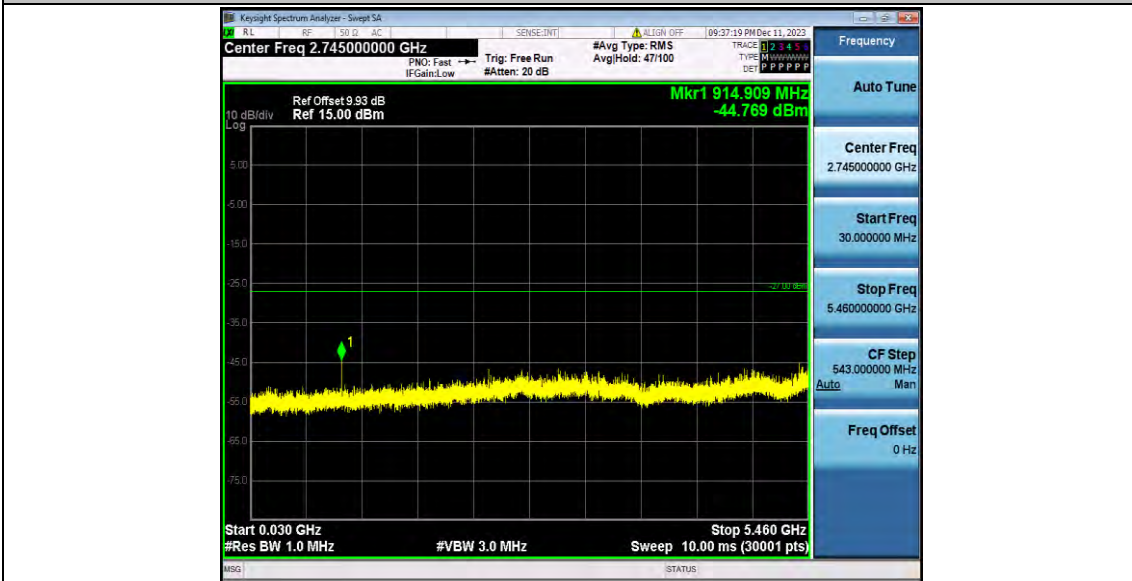
11A\_Ant1\_5500\_5735~40000



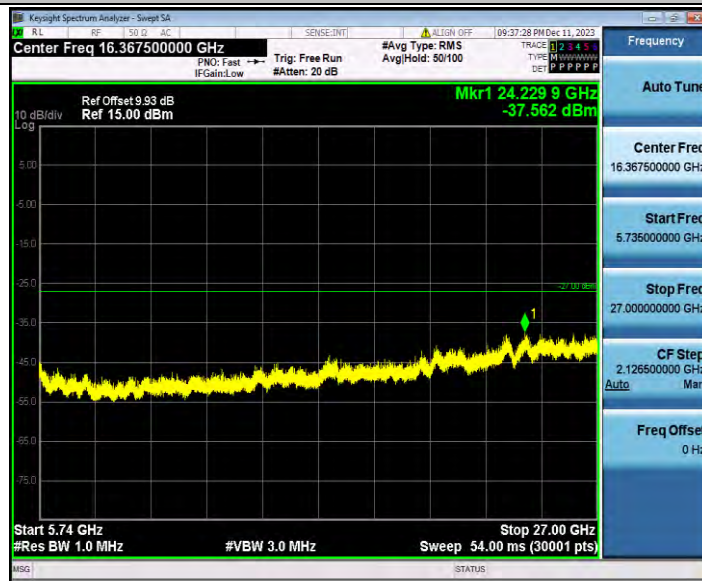
11A\_Ant1\_5600\_30~5460



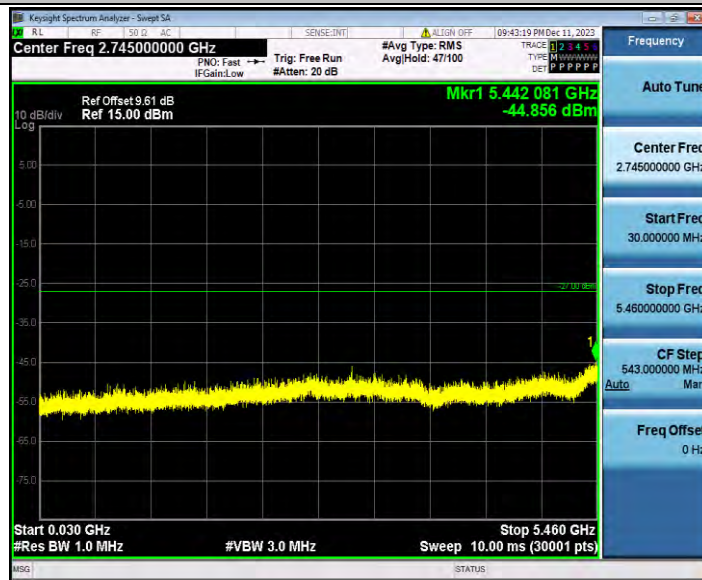
11A\_Ant1\_5600\_5735~40000



11A\_Ant1\_5700\_30~5460



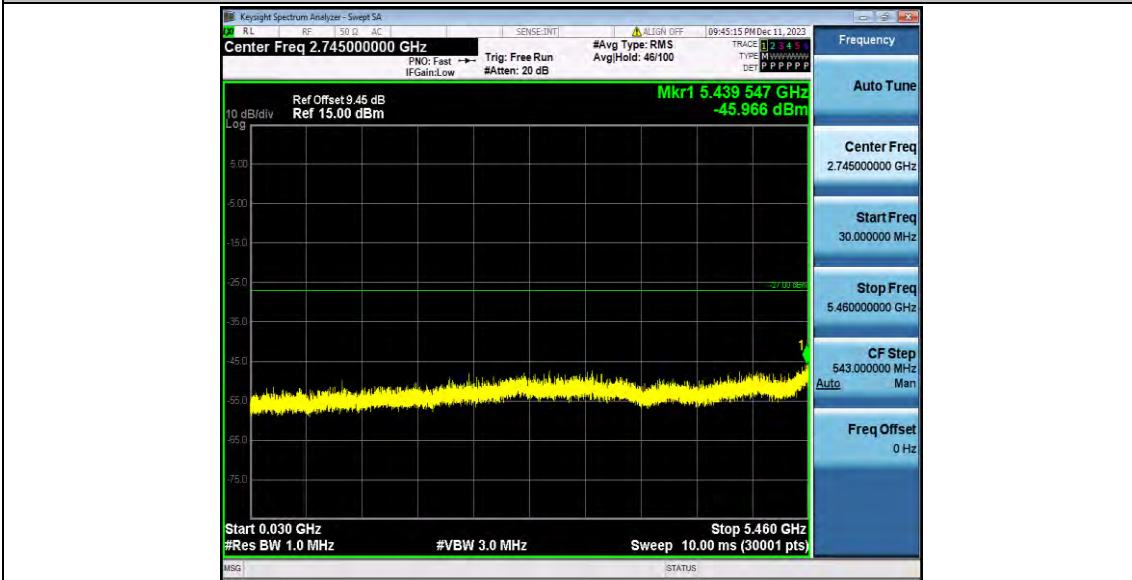
11A\_Ant1\_5700\_5735~40000



11N20SISO\_Ant1\_5500\_30~5460



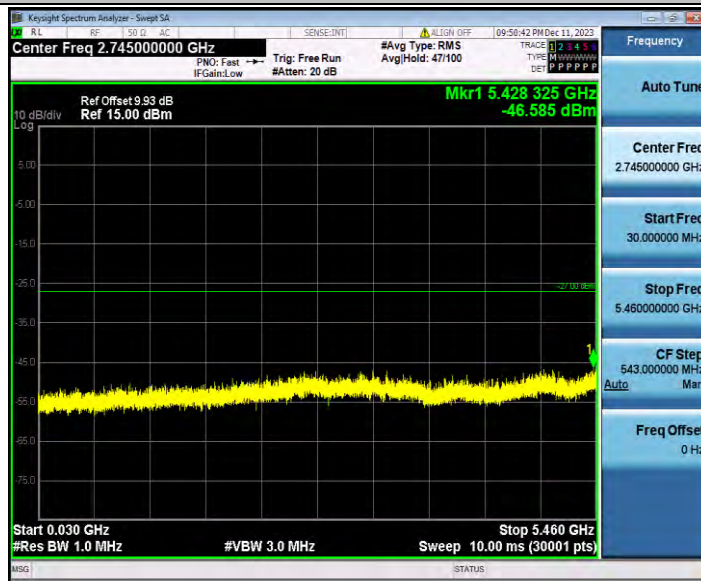
11N20SISO\_Ant1\_5500\_5735~40000



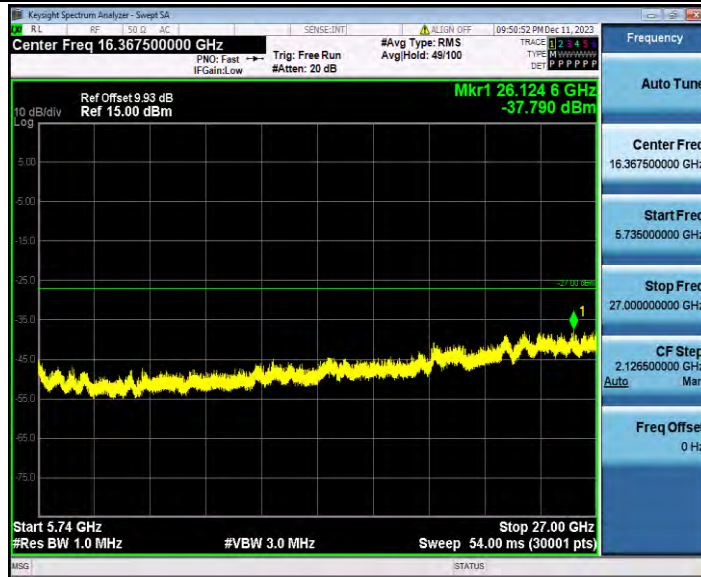
11N20SISO\_Ant1\_5600\_30~5460



11N20SISO\_Ant1\_5600\_5735~40000



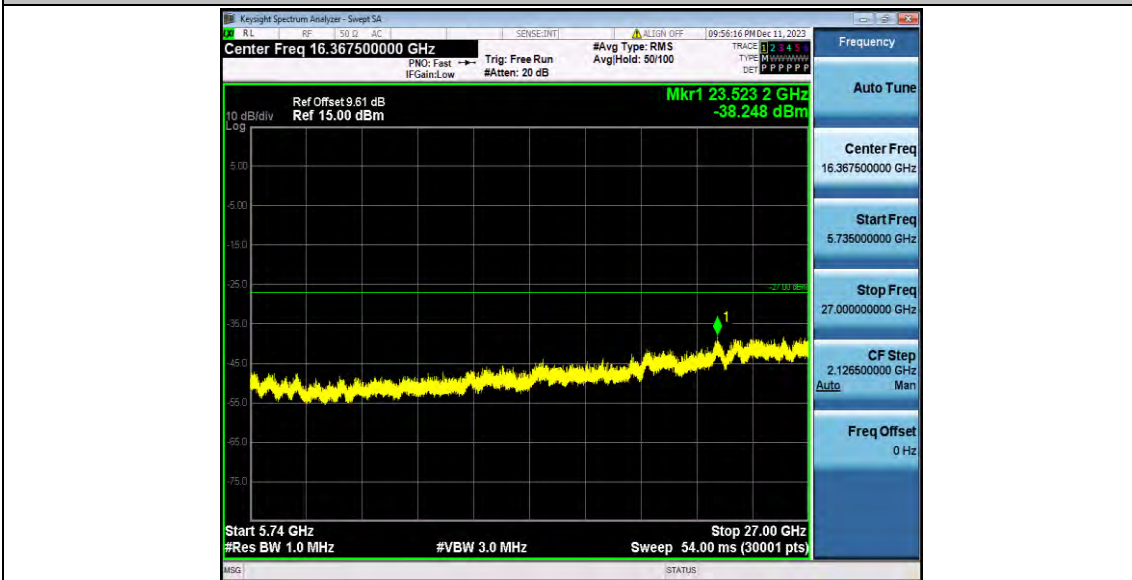
11N20SISO\_Ant1\_5700\_30~5460



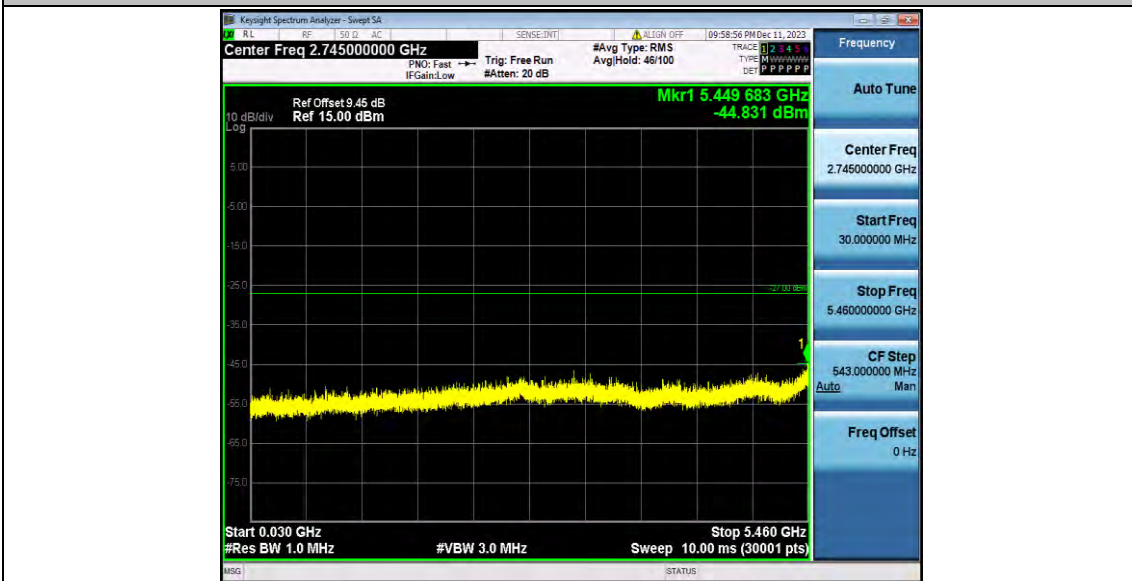
11N20SISO\_Ant1\_5700\_5735~40000



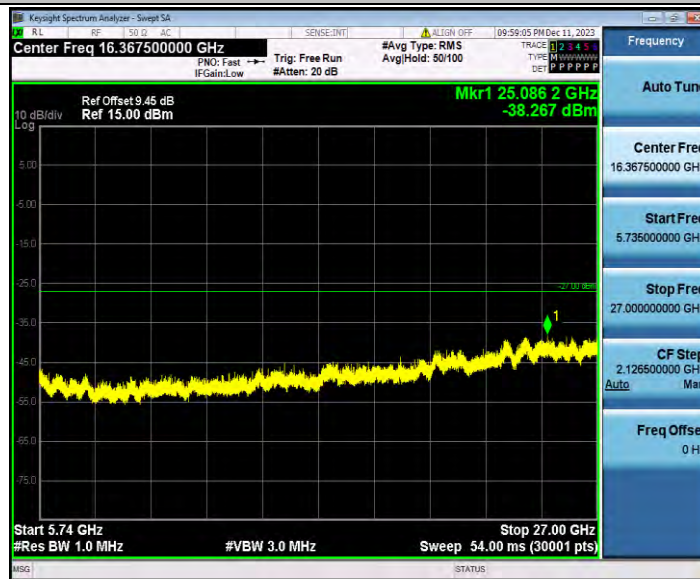
11N40SISO\_Ant1\_5510\_30~5460



11N40SISO\_Ant1\_5510\_5735~40000



11N40SISO\_Ant1\_5590\_30~5460



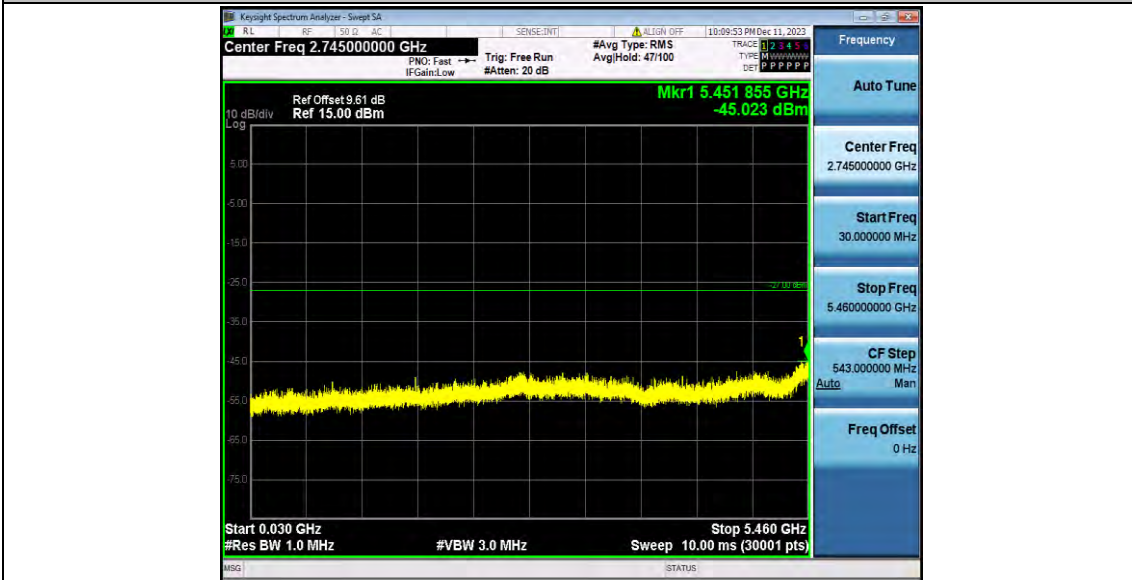
11N40SISO\_Ant1\_5590\_5735~40000



11N40SISO\_Ant1\_5670\_30~5460



11N40SISO\_Ant1\_5670\_5735~40000

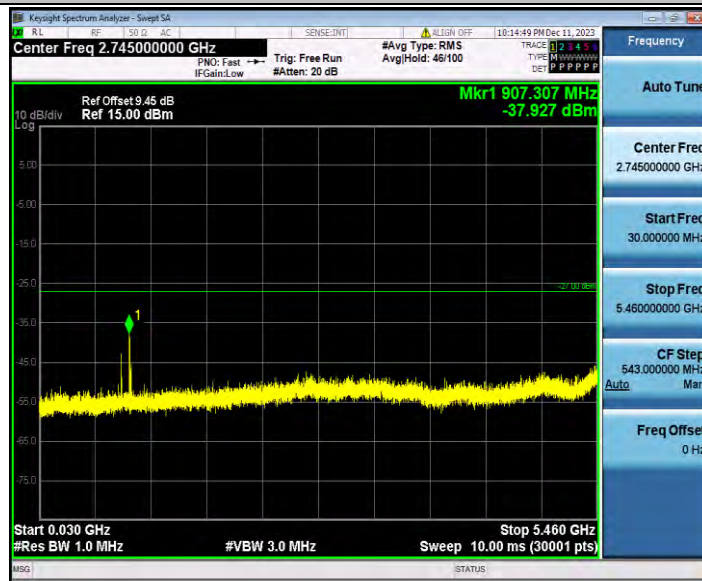


11AC20SISO\_Ant1\_5500\_30~5460





11AC20SISO\_Ant1\_5500\_5735~40000



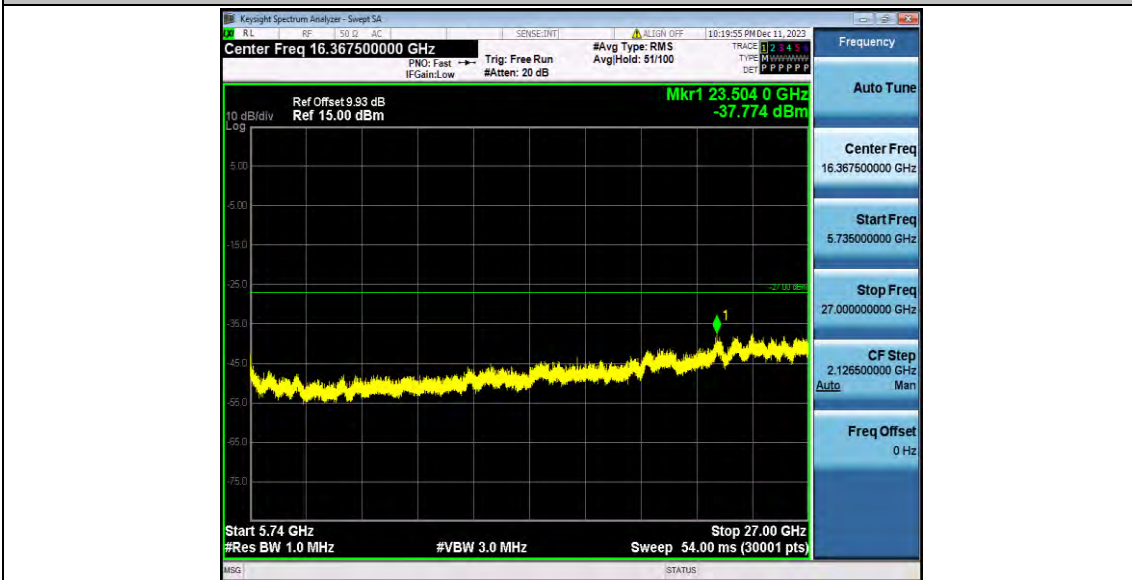
11AC20SISO\_Ant1\_5600\_30~5460



11AC20SISO\_Ant1\_5600\_5735~40000



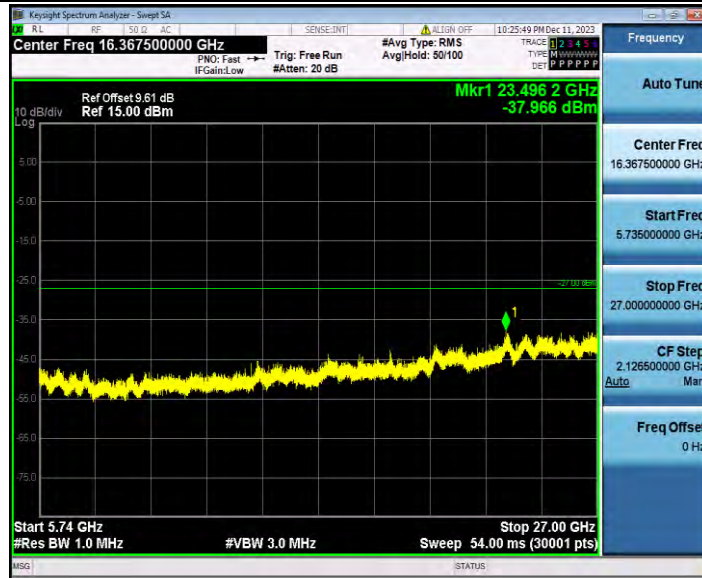
11AC20SISO\_Ant1\_5700\_30~5460



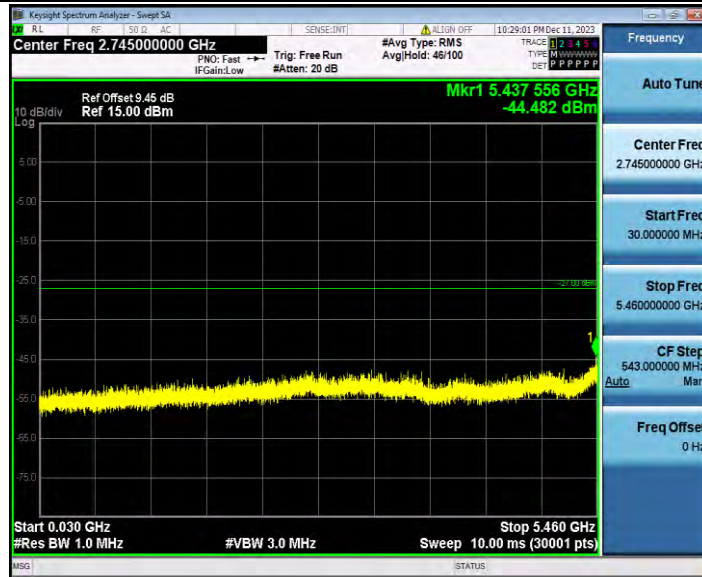
11AC20SISO\_Ant1\_5700\_5735~40000



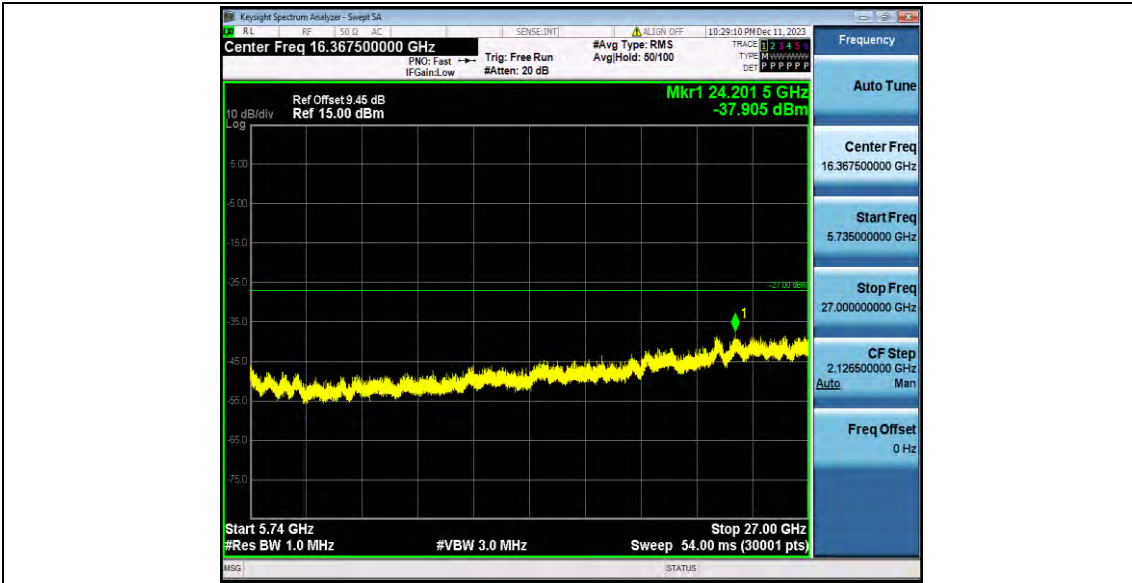
11AC40SISO\_Ant1\_5510\_30~5460



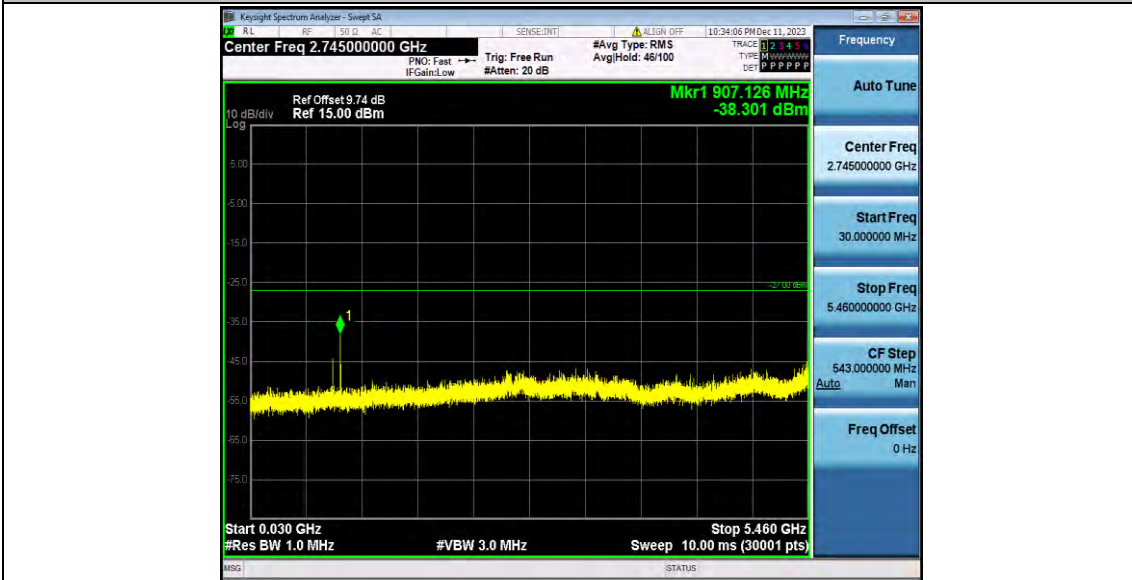
11AC40SISO\_Ant1\_5510\_5735~40000



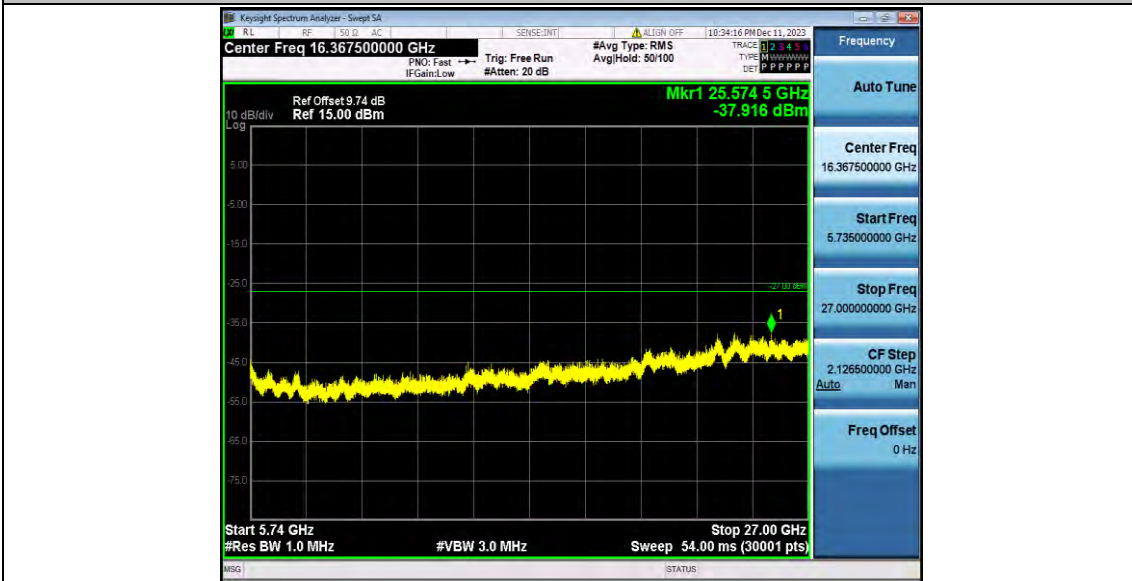
11AC40SISO\_Ant1\_5590\_30~5460



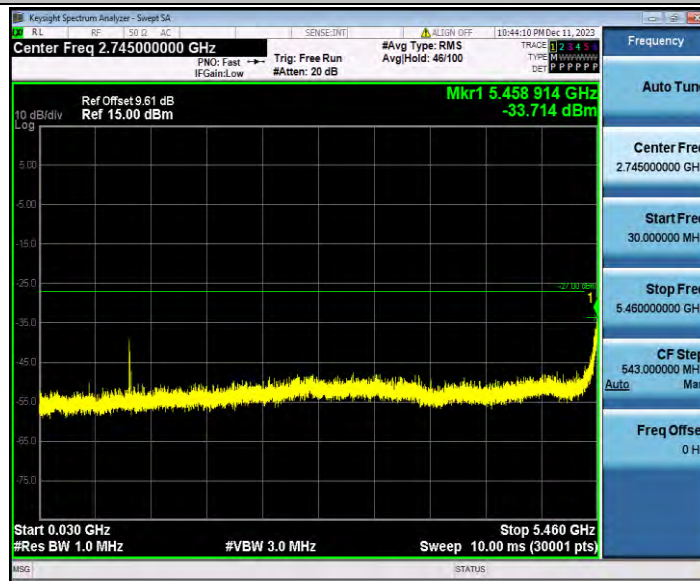
11AC40SISO\_Ant1\_5590\_5735~4000



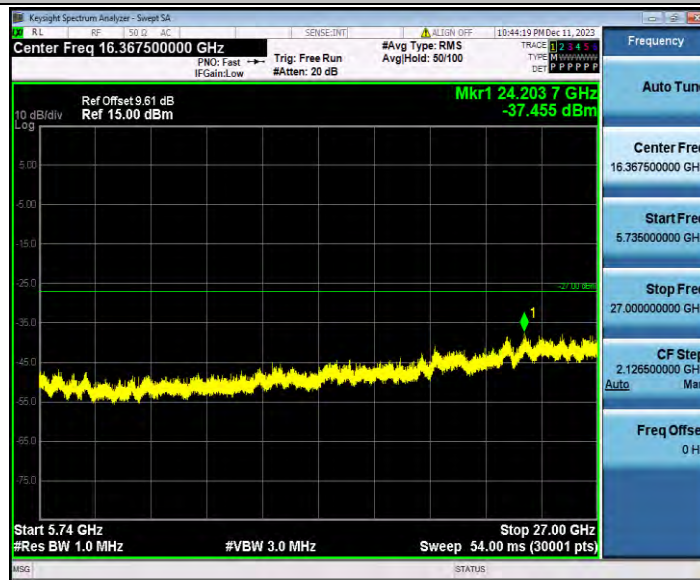
11AC40SISO\_Ant1\_5670\_30~5460



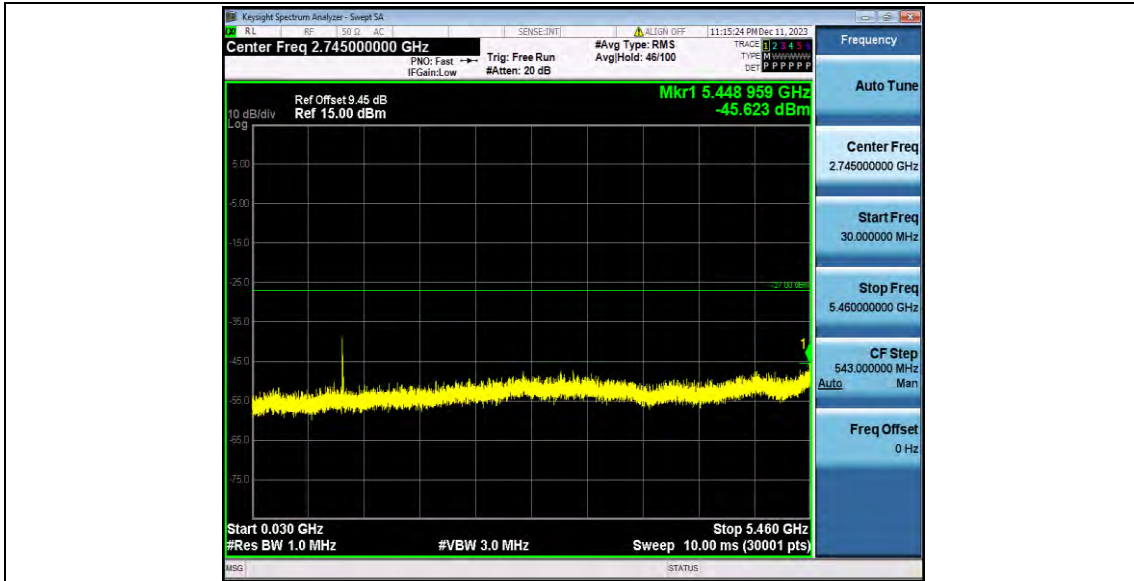
11AC40SISO\_Ant1\_5670\_5735~40000



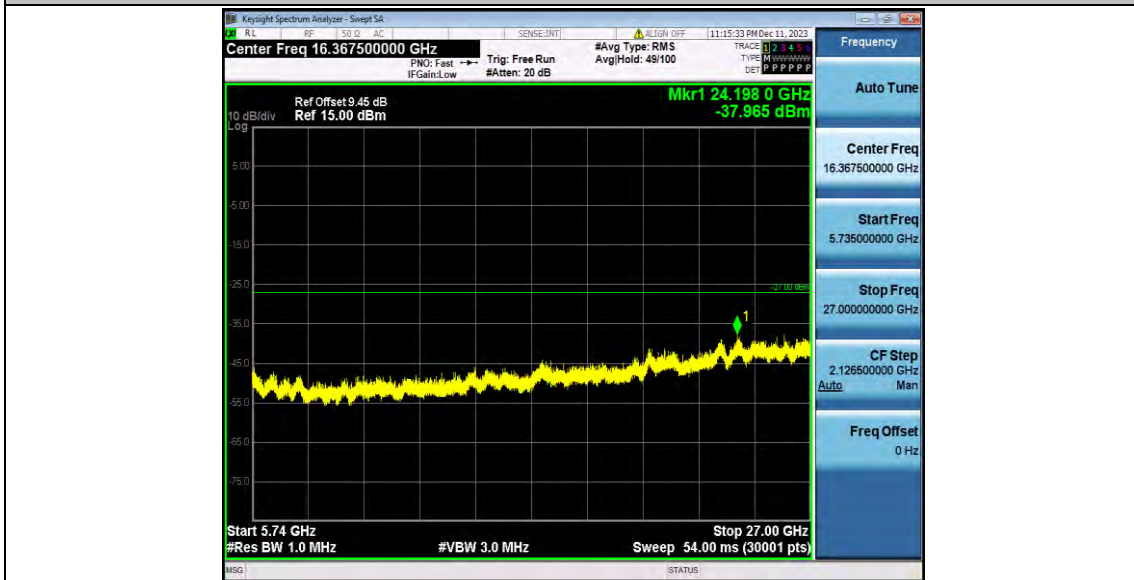
11AC80SISO\_Ant1\_5530\_30~5460



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	-45.84	≤-41.20	49.36	≤54	PASS
				AV	5469.710	-45.65	≤-41.20	49.55	≤54	PASS
				AV	5470.000	-45.65	≤-41.20	49.55	≤54	PASS
				Peak	5460.000	-41.39	≤-21.20	53.81	≤74	PASS
				Peak	5465.450	-40.36	≤-21.20	54.84	≤74	PASS
				Peak	5470.000	-42.48	≤-21.20	52.72	≤74	PASS
		High	5700	AV	5725.000	-44.12	≤-41.20	51.08	≤54	PASS
				AV	5725.320	-44.12	≤-41.20	51.08	≤54	PASS
				AV	5735.000	-46.23	≤-41.20	48.97	≤54	PASS
				Peak	5725.000	-41.54	≤-21.20	53.66	≤74	PASS
				Peak	5731.710	-39.94	≤-21.20	55.26	≤74	PASS
				Peak	5735.000	-41.62	≤-21.20	53.58	≤74	PASS
11N20SIS O	Ant1	Low	5500	AV	5460.000	-45.83	≤-41.20	49.37	≤54	PASS
				AV	5469.710	-45.55	≤-41.20	49.65	≤54	PASS
				AV	5470.000	-45.55	≤-41.20	49.65	≤54	PASS
				Peak	5460.000	-43.15	≤-21.20	52.05	≤74	PASS
				Peak	5467.580	-38.81	≤-21.20	56.39	≤74	PASS
				Peak	5470.000	-41.42	≤-21.20	53.78	≤74	PASS
		High	5700	AV	5725.000	-44.22	≤-41.20	50.98	≤54	PASS
				AV	5725.320	-44.22	≤-41.20	50.98	≤54	PASS
				AV	5735.000	-46.16	≤-41.20	49.04	≤54	PASS
				Peak	5725.000	-38.28	≤-21.20	56.92	≤74	PASS
				Peak	5731.000	-38.24	≤-21.20	56.96	≤74	PASS
				Peak	5735.000	-46.36	≤-21.20	48.84	≤74	PASS
11N40SIS O	Ant1	Low	5510	AV	5460.000	-44.71	≤-41.20	50.49	≤54	PASS
				AV	5469.770	-42.53	≤-41.20	52.67	≤54	PASS
				AV	5470.000	-42.53	≤-41.20	52.67	≤54	PASS
				Peak	5460.000	-41.25	≤-21.20	53.95	≤74	PASS
				Peak	5466.930	-37.75	≤-21.20	57.45	≤74	PASS
				Peak	5470.000	-42.33	≤-21.20	52.87	≤74	PASS
		High	5670	AV	5725.000	-45.75	≤-41.20	49.45	≤54	PASS
				AV	5725.140	-45.75	≤-41.20	49.45	≤54	PASS
				AV	5735.000	-46.37	≤-41.20	48.83	≤54	PASS
				Peak	5725.000	-43.48	≤-21.20	51.72	≤74	PASS
				Peak	5730.820	-38.91	≤-21.20	56.29	≤74	PASS
				Peak	5735.000	-42.36	≤-21.20	52.84	≤74	PASS

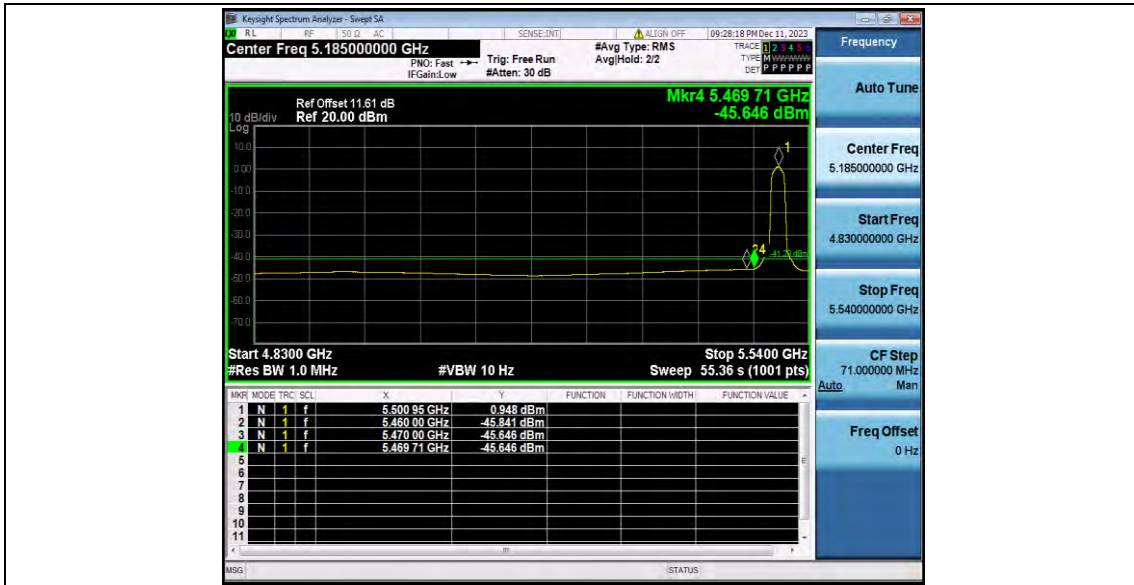
11AC20SI SO	Ant1	Low	5500	AV	5460.000	-45.84	$\leq -41.20$	49.36	$\leq 54$	PASS
				AV	5469.710	-45.59	$\leq -41.20$	49.61	$\leq 54$	PASS
				AV	5470.000	-45.59	$\leq -41.20$	49.61	$\leq 54$	PASS
				Peak	5460.000	-40.73	$\leq -21.20$	54.47	$\leq 74$	PASS
				Peak	5464.030	-40.31	$\leq -21.20$	54.89	$\leq 74$	PASS
				Peak	5470.000	-41.8	$\leq -21.20$	53.40	$\leq 74$	PASS
		High	5700	AV	5725.000	-44	$\leq -41.20$	51.20	$\leq 54$	PASS
				AV	5725.320	-44	$\leq -41.20$	51.20	$\leq 54$	PASS
				AV	5735.000	-46.2	$\leq -41.20$	49.00	$\leq 54$	PASS
				Peak	5725.000	-40.6	$\leq -21.20$	54.60	$\leq 74$	PASS
				Peak	5726.740	-39.13	$\leq -21.20$	56.07	$\leq 74$	PASS
				Peak	5735.000	-39.49	$\leq -21.20$	55.71	$\leq 74$	PASS
11AC40SI SO	Ant1	Low	5510	AV	5460.000	-45.03	$\leq -41.20$	50.17	$\leq 54$	PASS
				AV	5469.770	-43.07	$\leq -41.20$	52.13	$\leq 54$	PASS
				AV	5470.000	-43.07	$\leq -41.20$	52.13	$\leq 54$	PASS
				Peak	5460.000	-42.11	$\leq -21.20$	53.09	$\leq 74$	PASS
				Peak	5465.510	-37.98	$\leq -21.20$	57.22	$\leq 74$	PASS
				Peak	5470.000	-38.33	$\leq -21.20$	56.87	$\leq 74$	PASS
		High	5670	AV	5725.000	-45.84	$\leq -41.20$	49.36	$\leq 54$	PASS
				AV	5725.140	-45.84	$\leq -41.20$	49.36	$\leq 54$	PASS
				AV	5735.000	-46.38	$\leq -41.20$	48.82	$\leq 54$	PASS
				Peak	5725.000	-41.9	$\leq -21.20$	53.30	$\leq 74$	PASS
				Peak	5733.660	-41.43	$\leq -21.20$	53.77	$\leq 74$	PASS
				Peak	5735.000	-44.03	$\leq -21.20$	51.17	$\leq 74$	PASS
11AC80SI SO	Ant1	Low	5530	AV	5460.000	-43.43	$\leq -41.20$	51.77	$\leq 54$	PASS
				AV	5469.890	-42.59	$\leq -41.20$	52.61	$\leq 54$	PASS
				AV	5470.000	-42.59	$\leq -41.20$	52.61	$\leq 54$	PASS
				Peak	5460.000	-46.43	$\leq -21.20$	48.77	$\leq 74$	PASS
				Peak	5464.920	-35.52	$\leq -21.20$	59.68	$\leq 74$	PASS
				Peak	5470.000	-39.74	$\leq -21.20$	55.46	$\leq 74$	PASS
		High	5610	AV	5725.000	-46.94	$\leq -41.20$	48.26	$\leq 54$	PASS
				AV	5725.600	-46.94	$\leq -41.20$	48.26	$\leq 54$	PASS
				AV	5735.000	-47.09	$\leq -41.20$	48.11	$\leq 54$	PASS
				Peak	5725.000	-42.57	$\leq -21.20$	52.63	$\leq 74$	PASS
				Peak	5726.300	-39.46	$\leq -21.20$	55.74	$\leq 74$	PASS
				Peak	5735.000	-44.28	$\leq -21.20$	50.92	$\leq 74$	PASS

## Note:

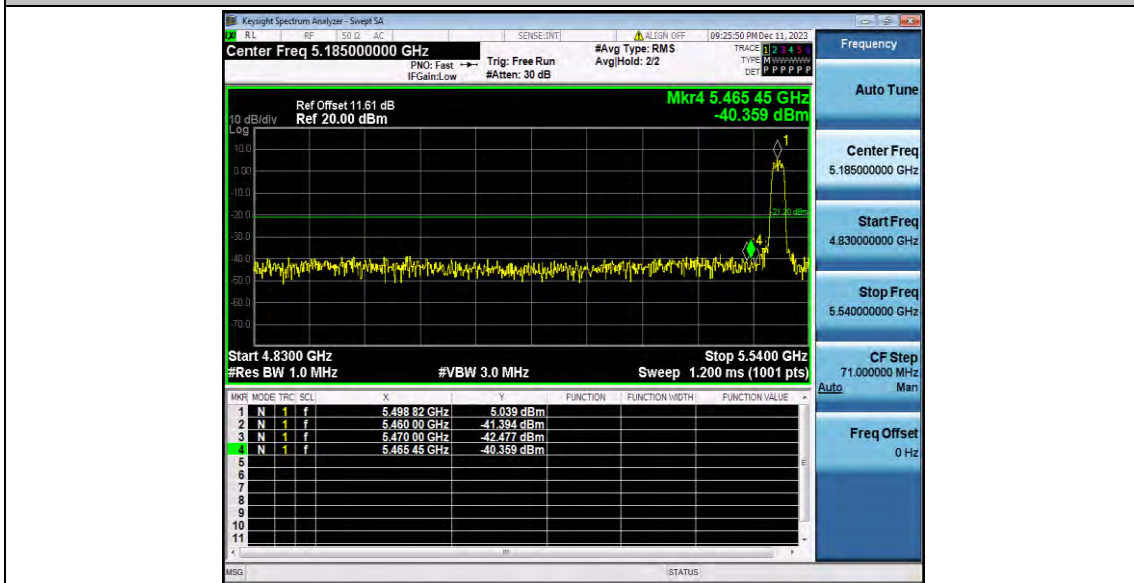
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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



## Test Graphs



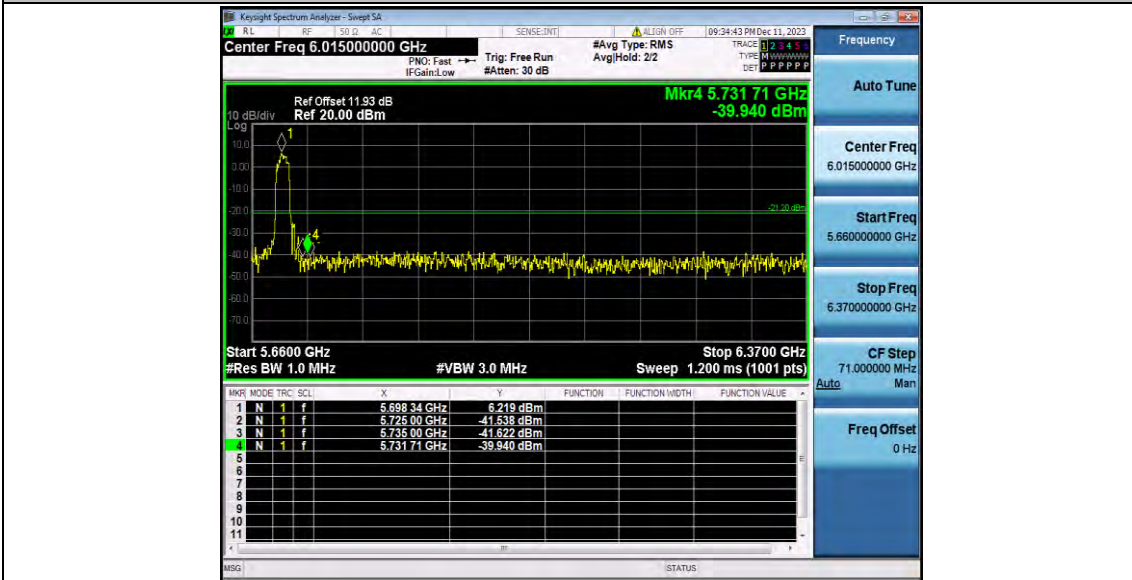
11A\_Ant1\_Low\_5500\_AV



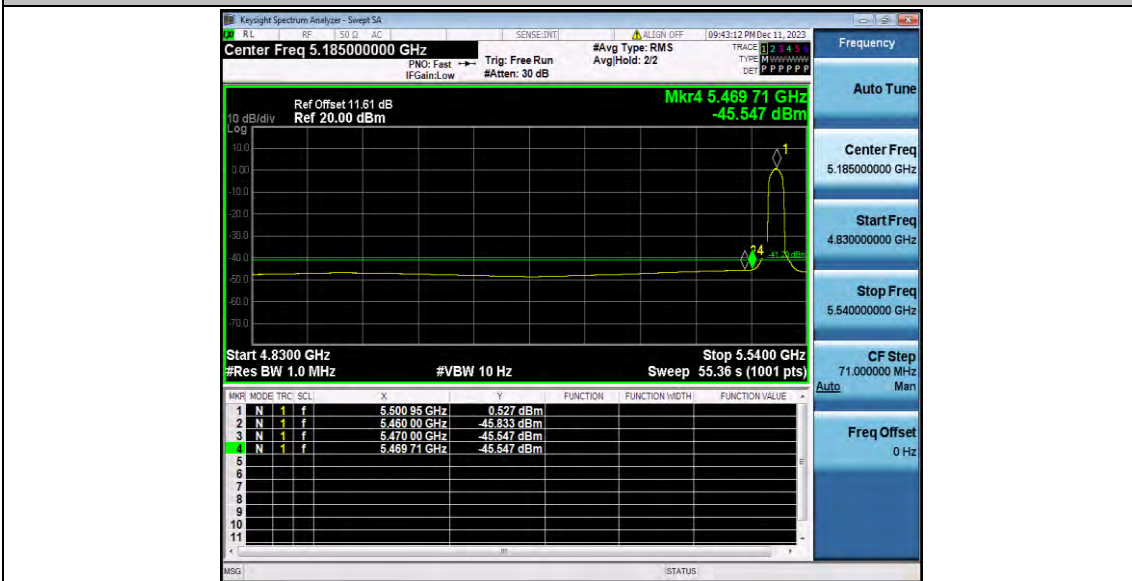
11A\_Ant1\_Low\_5500\_Peak



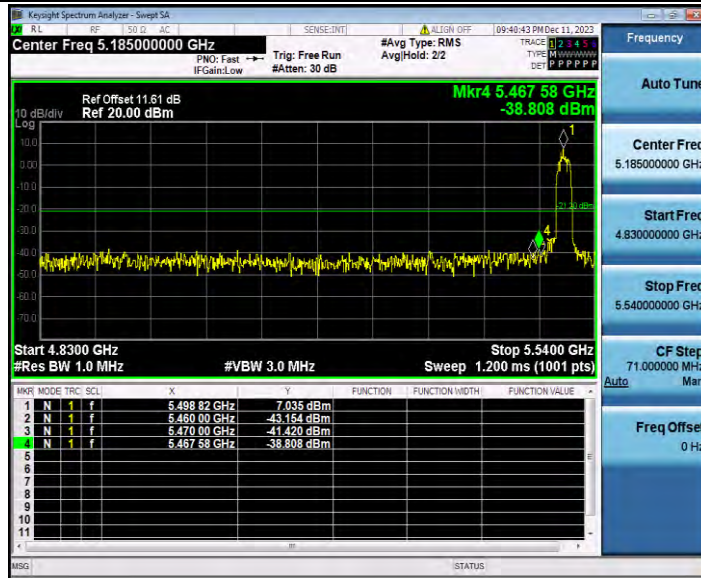
11A\_Ant1\_High\_5700\_AV



11A\_Ant1\_High\_5700\_Peak



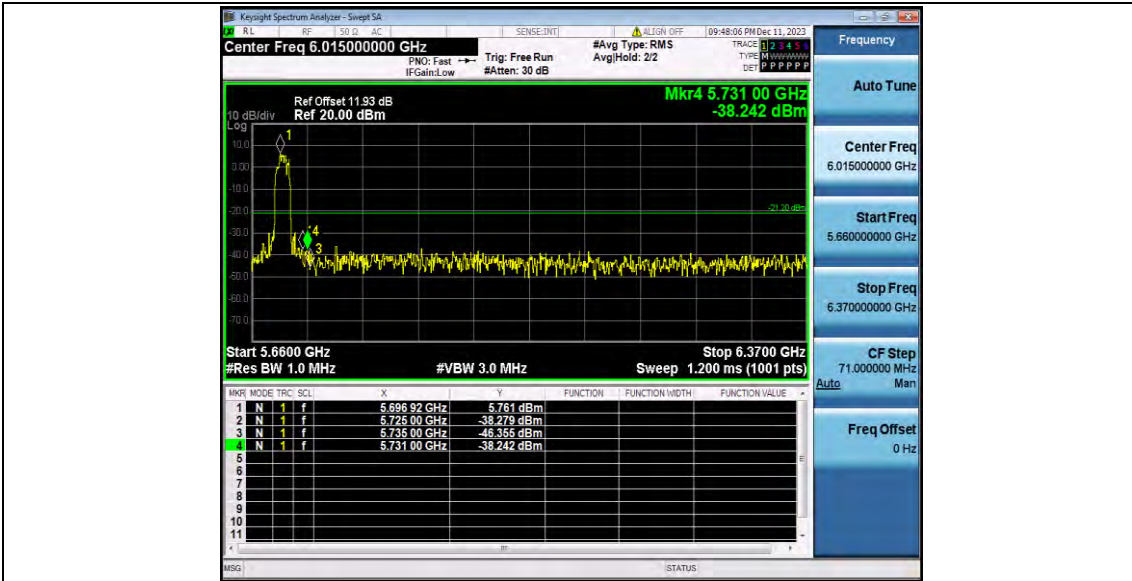
11N20SISO\_Ant1\_Low\_5500\_AV



11N20SISO\_Ant1\_Low\_5500\_Peak



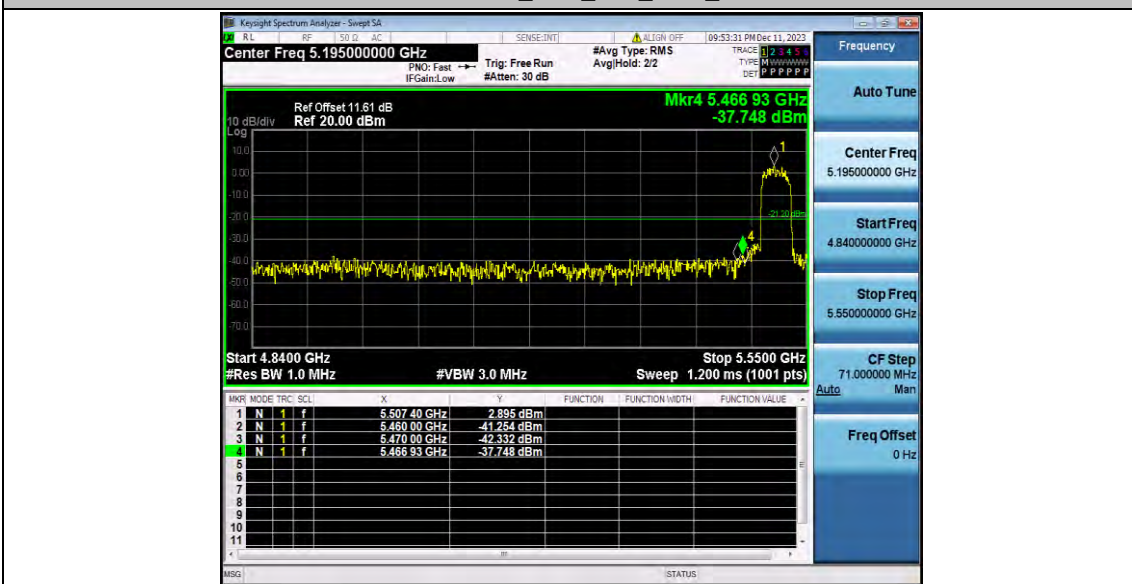
11N20SISO\_Ant1\_High\_5700\_AV



11N20SISO\_Ant1\_High\_5700\_Peak



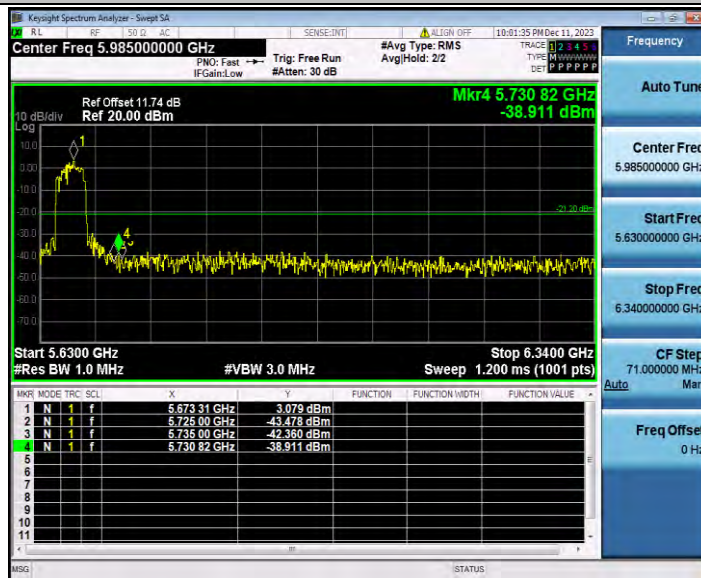
11N40SISO\_Ant1\_Low\_5510\_AV



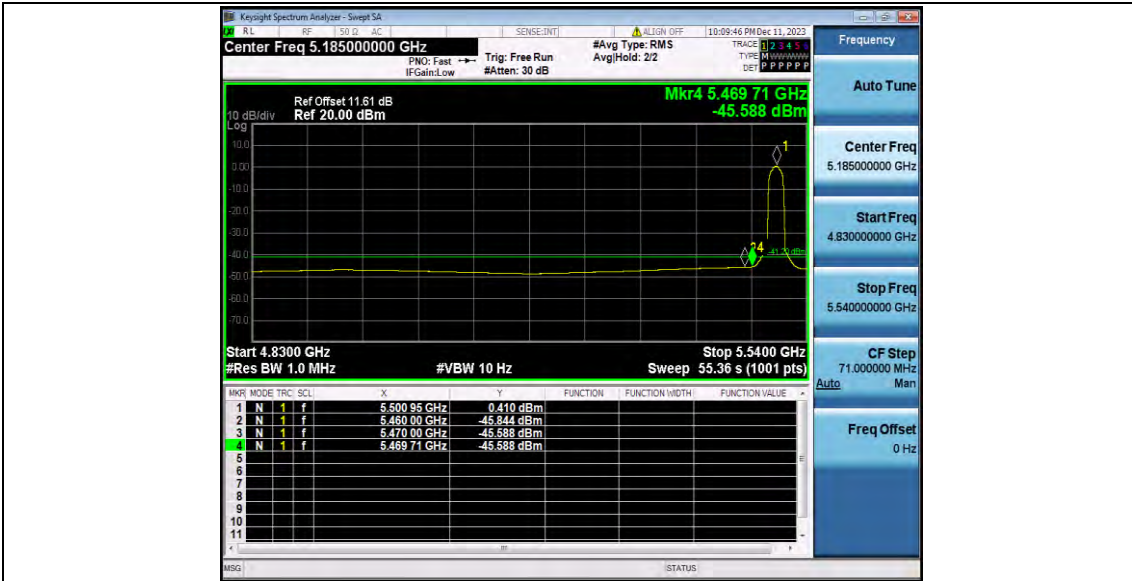
11N40SISO\_Ant1\_Low\_5510\_Peak



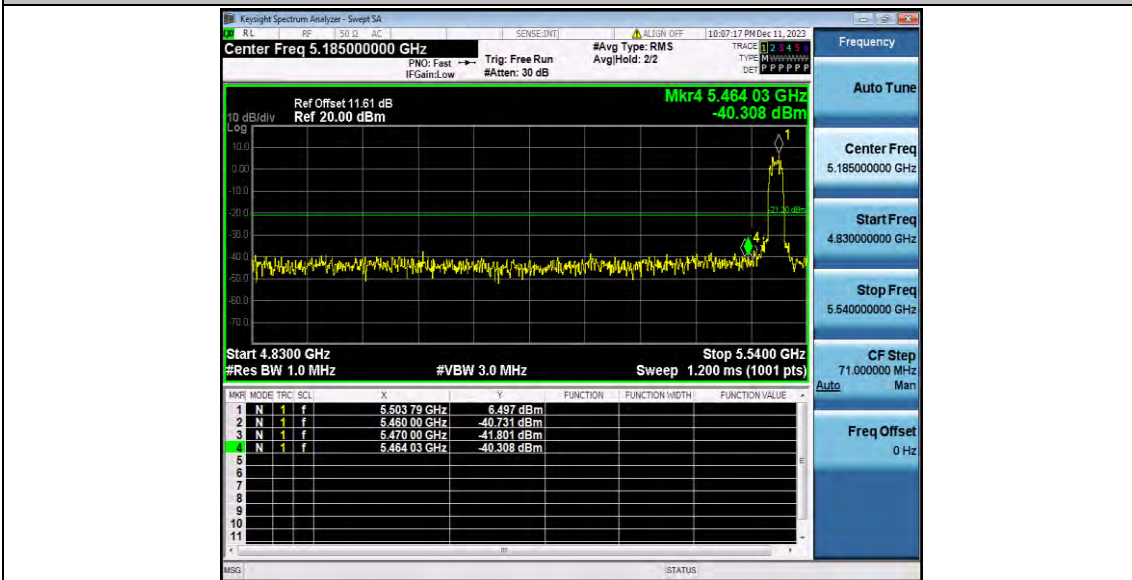
11N40SISO\_Ant1\_High\_5670\_AV



11N40SISO\_Ant1\_High\_5670\_Peak



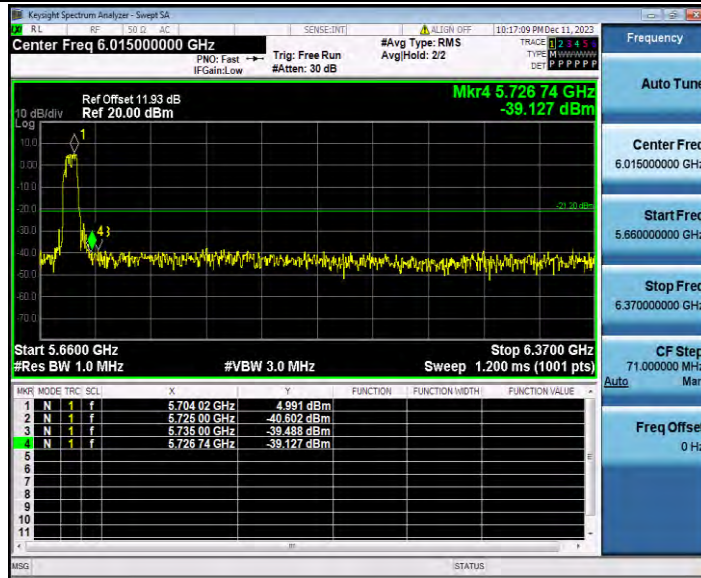
11AC20SISO\_Ant1\_Low\_5500\_AV



11AC20SISO\_Ant1\_Low\_5500\_Peak



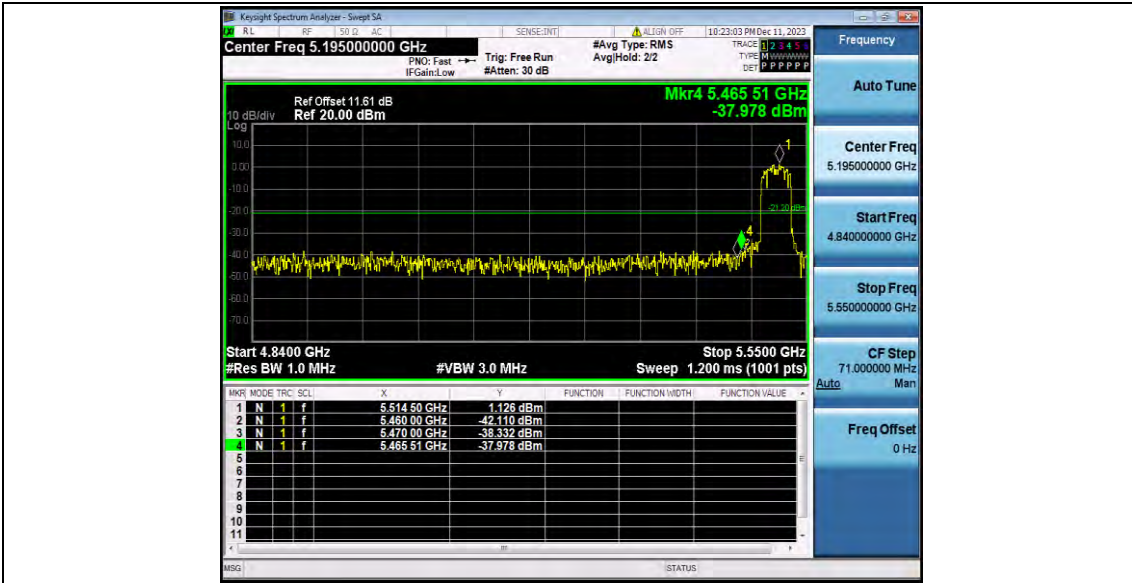
11AC20SISO\_Ant1\_High\_5700\_AV



11AC20SISO\_Ant1\_High\_5700\_Peak



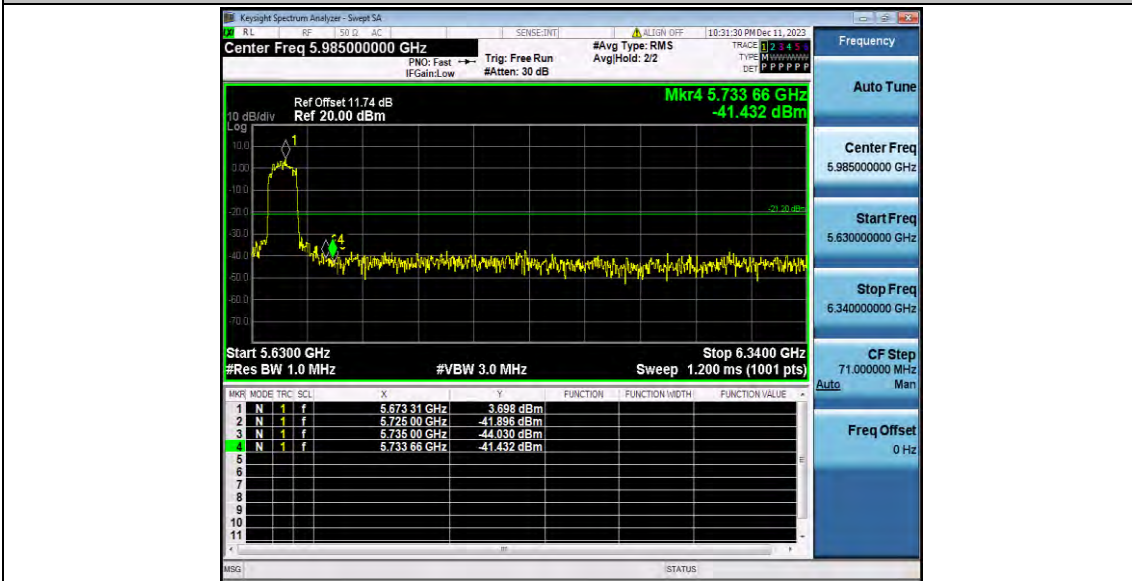
11AC40SISO\_Ant1\_Low\_5510\_AV



11AC40SISO\_Ant1\_Low\_5510\_Peak

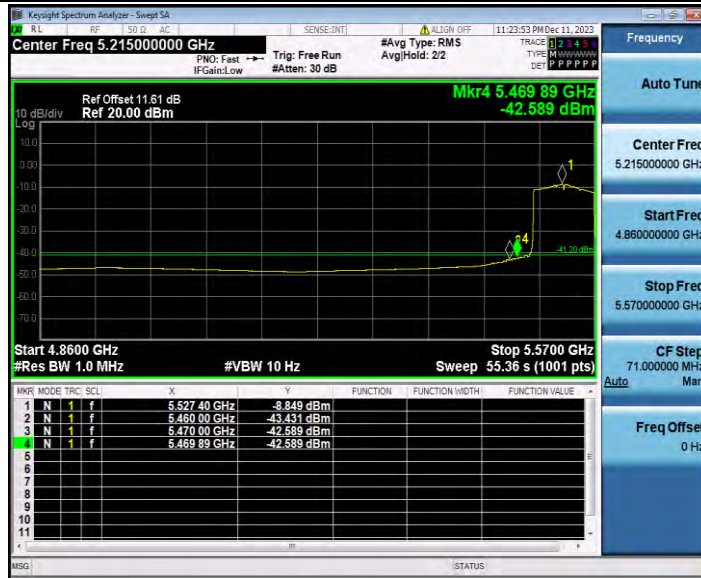


11AC40SISO\_Ant1\_High\_5670\_AV

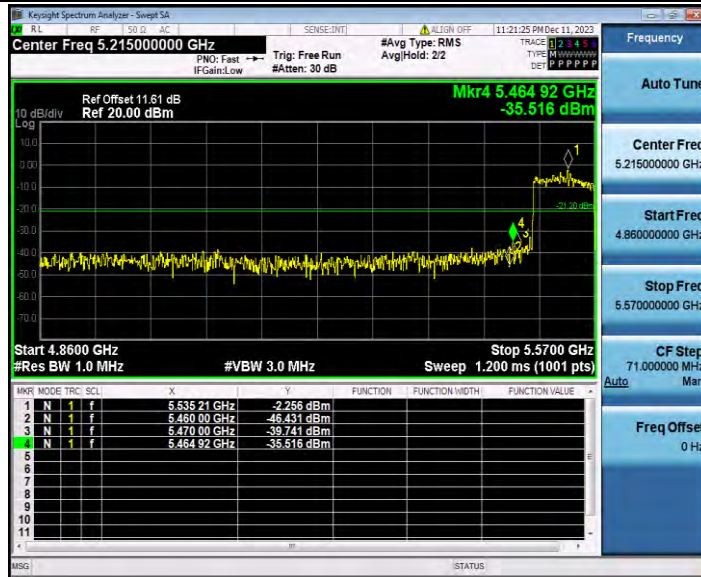




11AC40SISO\_Ant1\_High\_5670\_Peak



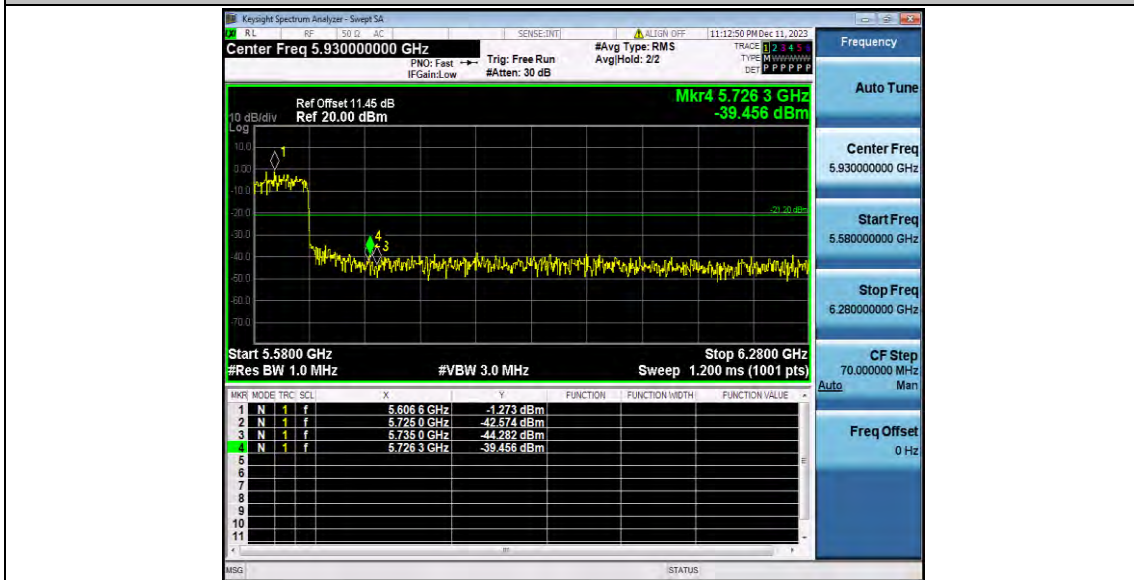
11AC80SISO\_Ant1\_Low\_5530\_AV



11AC80SISO\_Ant1\_Low\_5530\_Peak



11AC80SISO\_Ant1\_High\_5610\_AV



11AC80SISO\_Ant1\_High\_5610\_Peak