

## 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	10.01	68.81	1.62	11.63	≤23.98	PASS
		5600	14.28	68.81	1.62	15.90	≤23.98	PASS
		5700	12.04	67.31	1.72	13.76	≤23.98	PASS
11N20SISO	Ant1	5500	8.66	67.88	1.68	10.34	≤23.98	PASS
		5600	12.42	67.71	1.69	14.11	≤23.98	PASS
		5700	10.64	67.36	1.72	12.36	≤23.98	PASS
11N40SISO	Ant1	5510	6.29	50.39	2.98	9.27	≤23.98	PASS
		5590	7.73	50.39	2.98	10.71	≤23.98	PASS
		5670	10.53	50.39	2.98	13.51	≤23.98	PASS
11AC20SISO	Ant1	5500	10.68	67.18	1.73	12.41	≤23.98	PASS
		5600	10.27	66.84	1.75	12.02	≤23.98	PASS
		5700	10.44	67.18	1.73	12.17	≤23.98	PASS
11AC40SISO	Ant1	5510	8.07	50.77	2.94	11.01	≤23.98	PASS
		5590	7.87	50.39	2.98	10.85	≤23.98	PASS
		5670	10.71	50.39	2.98	13.69	≤23.98	PASS
11AC80SISO	Ant1	5530	4.35	34.38	4.64	8.99	≤23.98	PASS
		5610	4.06	34.38	4.64	8.70	≤23.98	PASS
11AX20SISO	Ant1	5500	11.40	67.18	1.73	13.13	≤23.98	PASS
		5600	9.75	66.84	1.75	11.50	≤23.98	PASS
		5700	10.62	66.84	1.75	12.37	≤23.98	PASS
11AX40SISO	Ant1	5510	9.17	51.16	2.91	12.08	≤23.98	PASS
		5590	8.17	50.78	2.94	11.11	≤23.98	PASS
		5670	10.93	50.39	2.98	13.91	≤23.98	PASS
11AX80SISO	Ant1	5530	5.37	34.02	4.68	10.05	≤23.98	PASS
		5610	4.44	33.68	4.73	9.17	≤23.98	PASS

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

## Appendix F.5: Maximum power spectral density

### Test Result

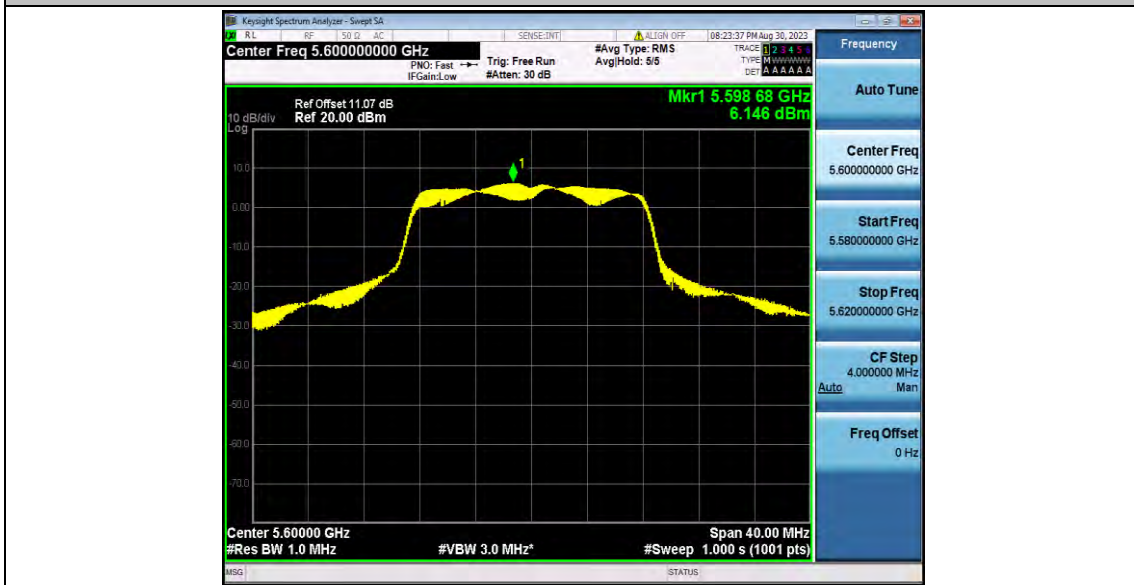
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	1.9	≤11.00	PASS
		5600	6.15	≤11.00	PASS
		5700	4.4	≤11.00	PASS
11N20SISO	Ant1	5500	0.6	≤11.00	PASS
		5600	4.33	≤11.00	PASS
		5700	2.91	≤11.00	PASS
11N40SISO	Ant1	5510	-2.95	≤11.00	PASS
		5590	-1.15	≤11.00	PASS
		5670	1.78	≤11.00	PASS
11AC20SISO	Ant1	5500	2.76	≤11.00	PASS
		5600	2.16	≤11.00	PASS
		5700	2.75	≤11.00	PASS
11AC40SISO	Ant1	5510	-1.26	≤11.00	PASS
		5590	-1.27	≤11.00	PASS
		5670	1.79	≤11.00	PASS
11AC80SISO	Ant1	5530	-4.75	≤11.00	PASS
		5610	-5.35	≤11.00	PASS
11AX20SISO	Ant1	5500	3.04	≤11.00	PASS
		5600	1.76	≤11.00	PASS
		5700	2.9	≤11.00	PASS
11AX40SISO	Ant1	5510	0.09	≤11.00	PASS
		5590	-0.89	≤11.00	PASS
		5670	2.12	≤11.00	PASS
11AX80SISO	Ant1	5530	-3.55	≤11.00	PASS
		5610	-5.34	≤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



11AX20SISO\_Ant1\_5500



11AX20SISO\_Ant1\_5600



11AX20SISO\_Ant1\_5700



11AX40SISO\_Ant1\_5510



11AX40SISO\_Ant1\_5590



11AX40SISO\_Ant1\_5670



11AX80SISO\_Ant1\_5530



11AX80SISO\_Ant1\_5610

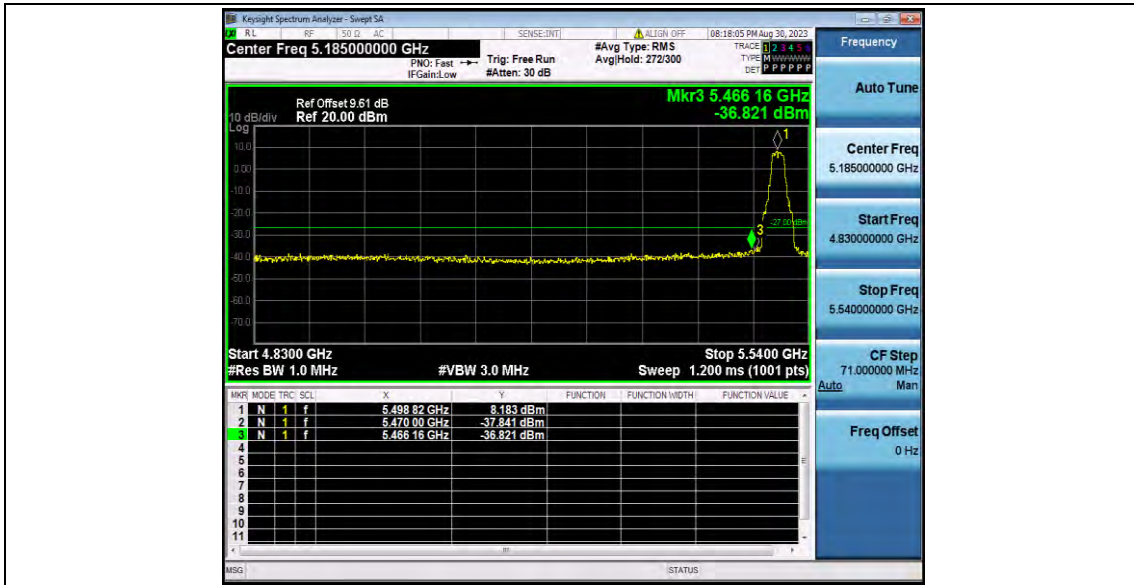
## Appendix F.6: Band edge measurements

### Test Result B3

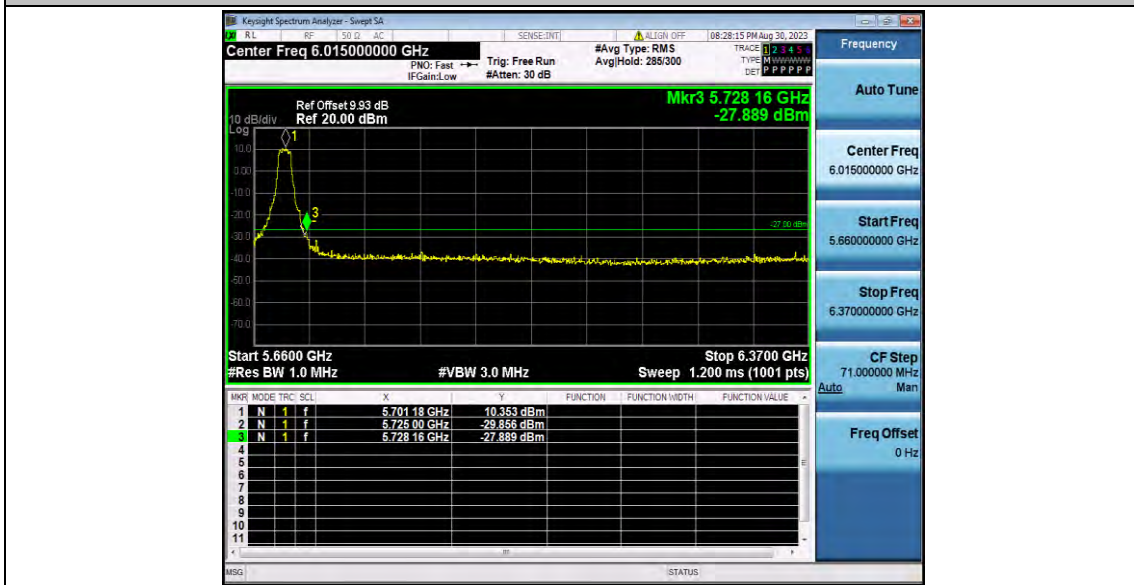
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.82	≤-27	PASS
		High	5700	-27.89	≤-27	PASS
11N20SISO	Ant1	Low	5500	-37.43	≤-27	PASS
		High	5700	-28.93	≤-27	PASS
11N40SISO	Ant1	Low	5510	-37.6	≤-27	PASS
		High	5670	-31.18	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-37.38	≤-27	PASS
		High	5700	-31.17	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-36.1	≤-27	PASS
		High	5670	-32.94	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-37.43	≤-27	PASS
		High	5610	-37.91	≤-27	PASS
11AX20SISO	Ant1	Low	5500	-36.07	≤-27	PASS
		High	5700	-30.19	≤-27	PASS
11AX40SISO	Ant1	Low	5510	-35.95	≤-27	PASS
		High	5670	-32.9	≤-27	PASS
11AX80SISO	Ant1	Low	5530	-36.43	≤-27	PASS
		High	5610	-37.49	≤-27	PASS



### Test Graphs B3



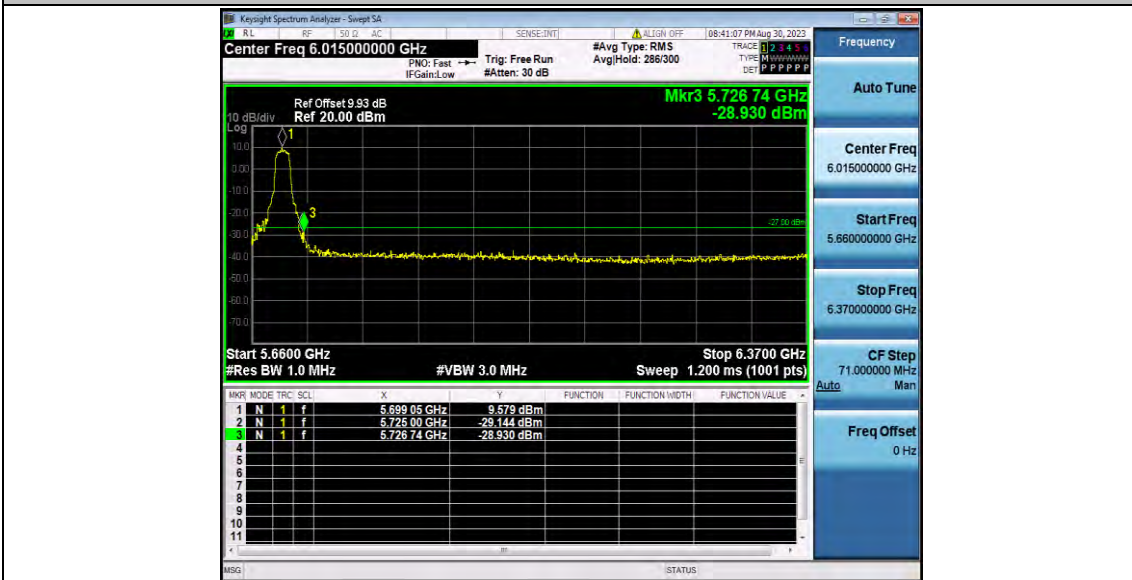
11A\_Ant1\_Low\_5500



11A\_Ant1\_High\_5700



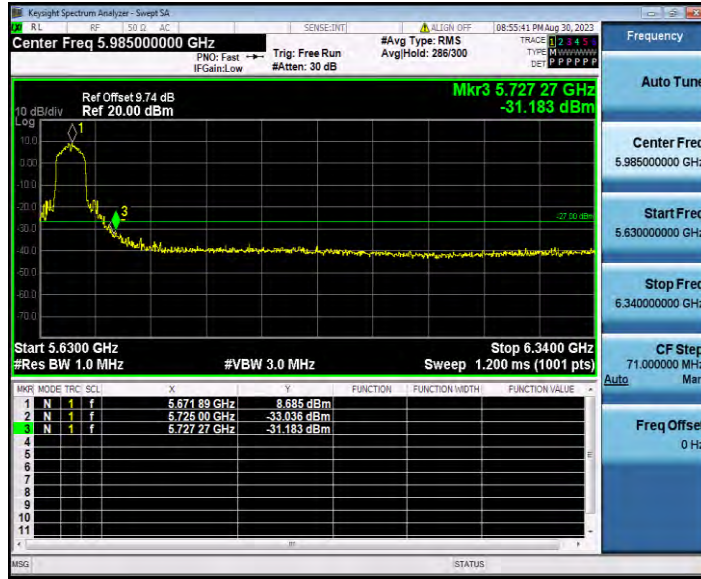
11N20SISO\_Ant1\_Low\_5500



11N20SISO\_Ant1\_High\_5700



11N40SISO\_Ant1\_Low\_5510



11N40SISO\_Ant1\_High\_5670

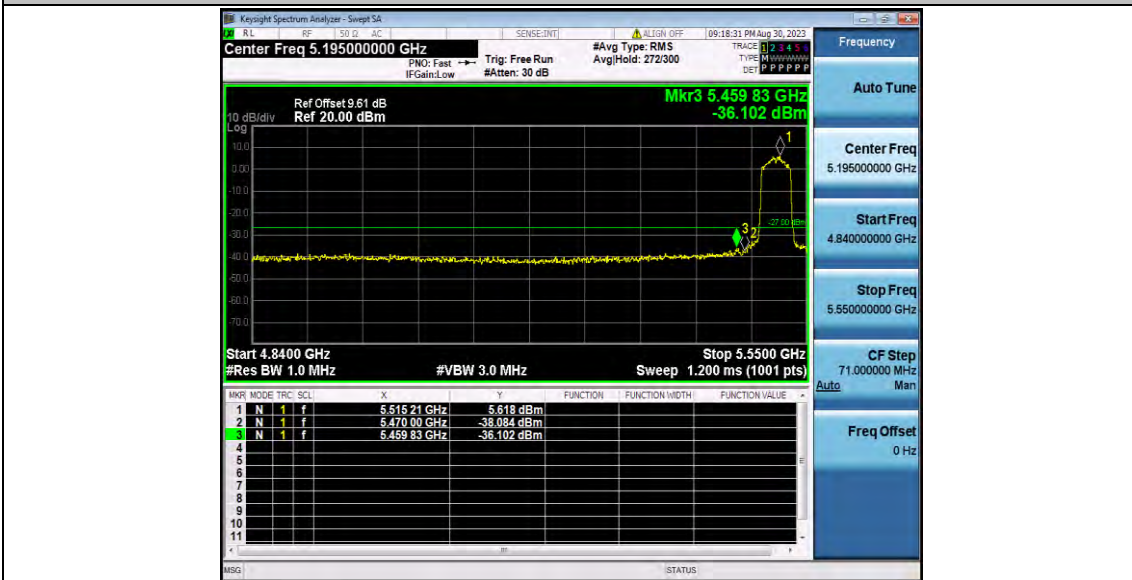


11AC20SISO\_Ant1\_Low\_5500

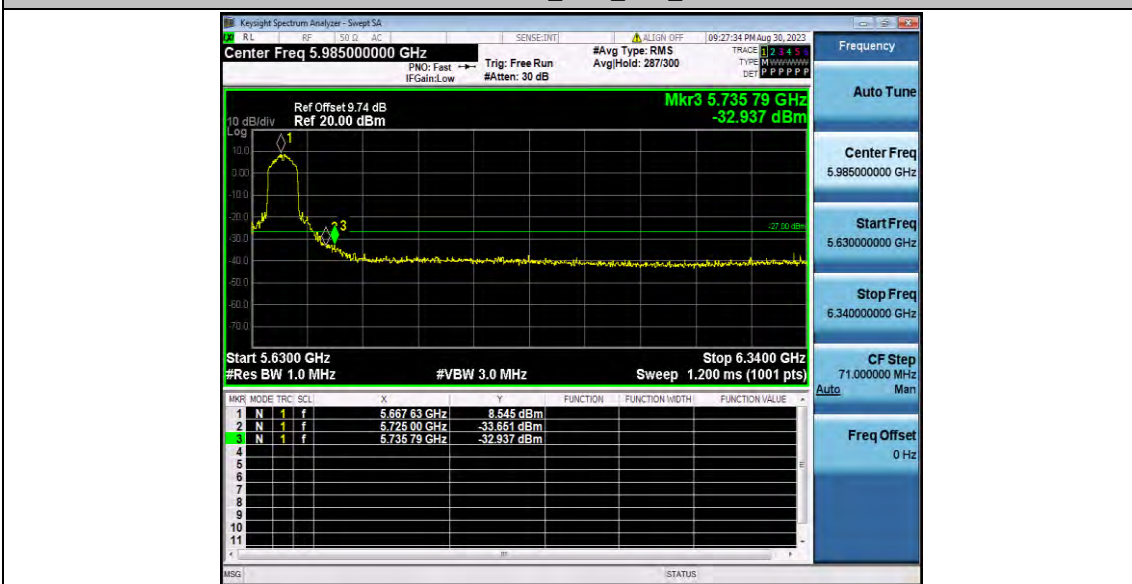




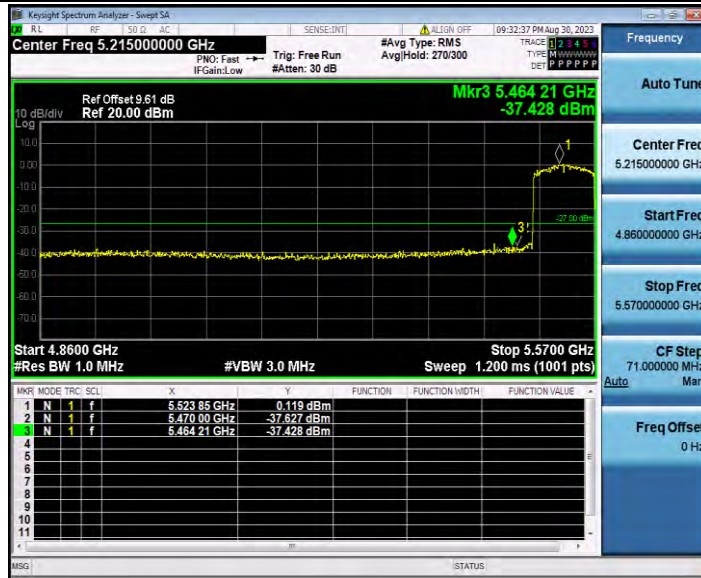
11AC20SISO\_Ant1\_High\_5700



11AC40SISO\_Ant1\_Low\_5510



11AC40SISO\_Ant1\_High\_5670



11AC80SISO\_Ant1\_Low\_5530

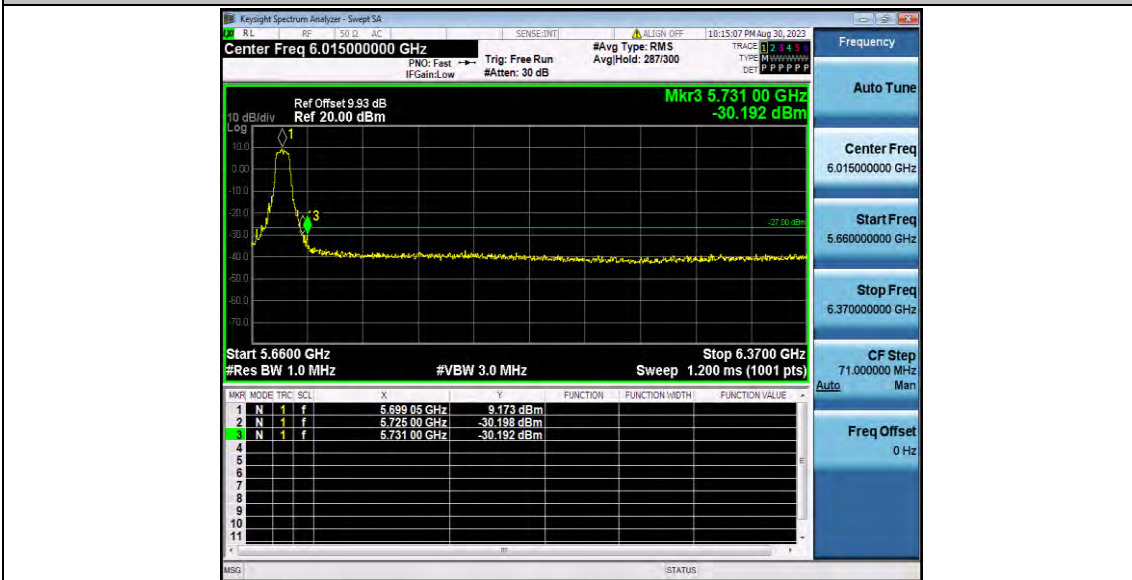


11AC80SISO\_Ant1\_High\_5610





11AX20SISO\_Ant1\_Low\_5500



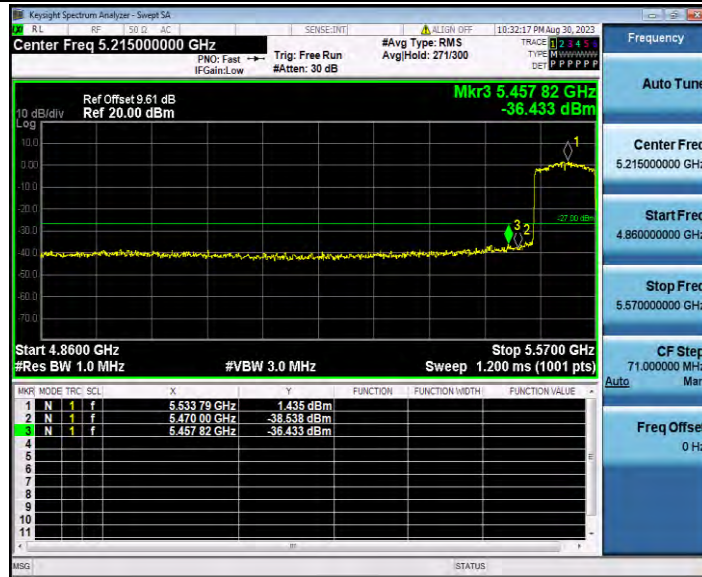
11AX20SISO\_Ant1\_High\_5700



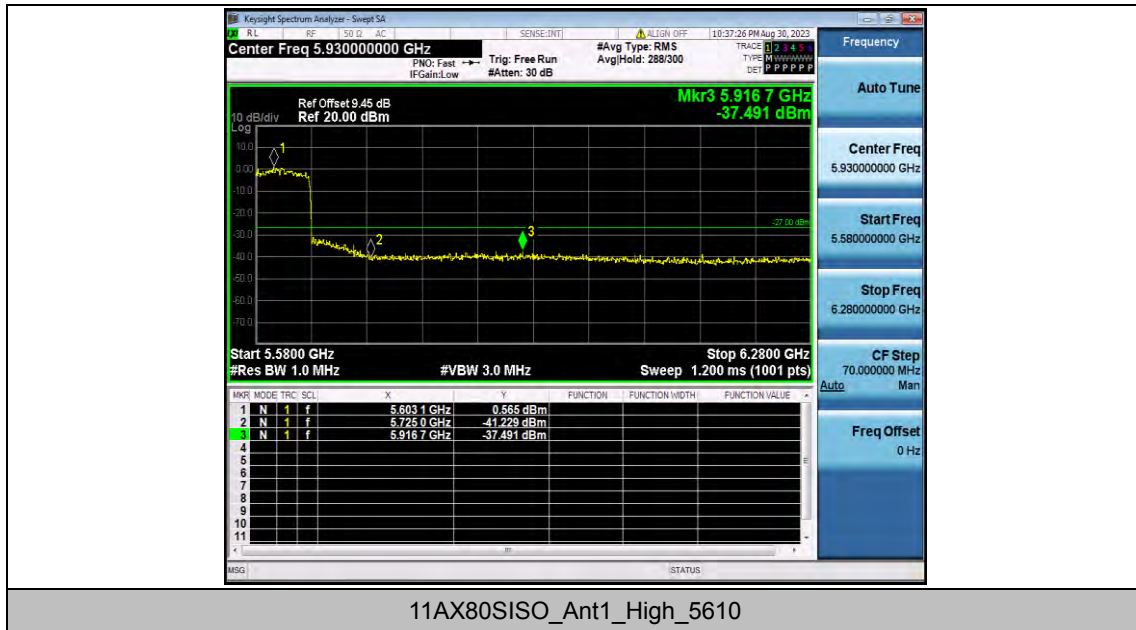
11AX40SISO\_Ant1\_Low\_5510



11AX40SISO\_Ant1\_High\_5670



11AX80SISO\_Ant1\_Low\_5530



11AX80SISO\_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	5459.28	-40.62	≤-27	PASS
			5735~40000	26033.15	-37.77	≤-27	PASS
		5600	30~5460	5457.29	-43.93	≤-27	PASS
			5735~40000	16795.64	-36.89	≤-27	PASS
		5700	30~5460	5452.76	-46.41	≤-27	PASS
			5735~40000	5735.71	-35.71	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5383.98	-44.21	≤-27	PASS
			5735~40000	24311.4	-37.81	≤-27	PASS
		5600	30~5460	5456.92	-45.66	≤-27	PASS
			5735~40000	16799.89	-38.07	≤-27	PASS
		5700	30~5460	5426.33	-45.99	≤-27	PASS
			5735~40000	11396.45	-36.44	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5456.56	-43.74	≤-27	PASS
			5735~40000	24231.3	-37.54	≤-27	PASS
		5590	30~5460	5448.42	-46.17	≤-27	PASS
			5735~40000	24194.44	-37.8	≤-27	PASS
		5670	30~5460	5454.03	-45.55	≤-27	PASS
			5735~40000	5742.8	-34.12	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5459.28	-42.7	≤-27	PASS
			5735~40000	24251.85	-37.09	≤-27	PASS
		5600	30~5460	4876.09	-46.67	≤-27	PASS
			5735~40000	25190.35	-38.37	≤-27	PASS
		5700	30~5460	2463.91	-44.46	≤-27	PASS
			5735~40000	11396.45	-36.73	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5443.89	-42.12	≤-27	PASS
			5735~40000	26902.18	-38.1	≤-27	PASS
		5590	30~5460	5386.88	-46.94	≤-27	PASS
			5735~40000	24358.89	-38.03	≤-27	PASS
		5670	30~5460	5454.21	-46.2	≤-27	PASS
			5735~40000	5735	-33.28	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5438.46	-41.02	≤-27	PASS
			5735~40000	24816.08	-37.9	≤-27	PASS
		5610	30~5460	5374.03	-46.48	≤-27	PASS
			5735~40000	26530.04	-37.32	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5456.74	-41.04	≤-27	PASS

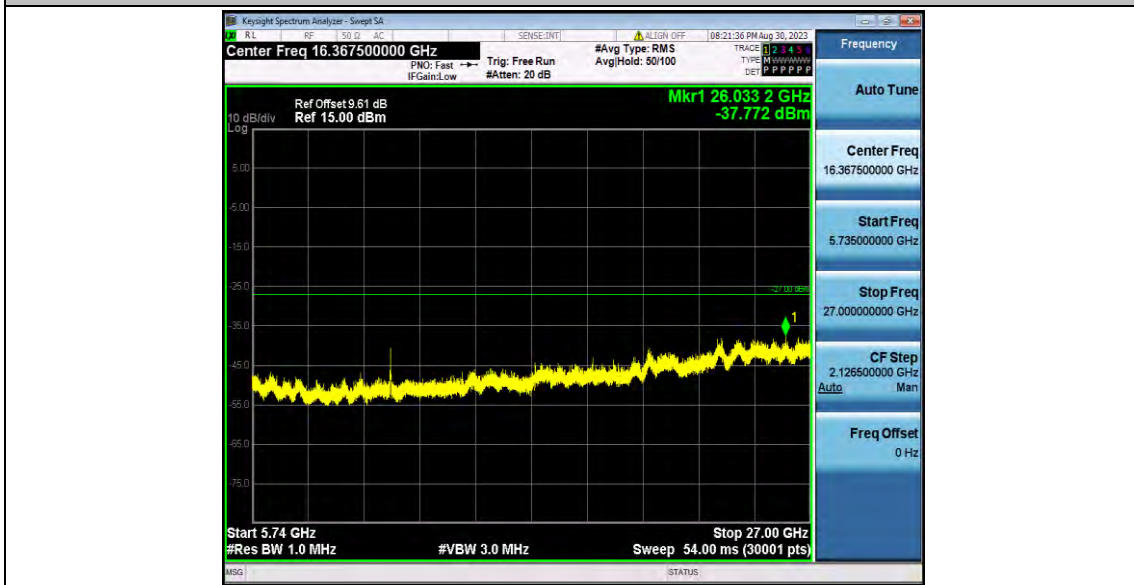
			5735~40000	24273.83	-37.63	≤-27	PASS
		5600	30~5460	5419.64	-46.93	≤-27	PASS
			5735~40000	24273.83	-37.06	≤-27	PASS
		5700	30~5460	3017.41	-46.84	≤-27	PASS
			5735~40000	11395.74	-35.96	≤-27	PASS
11AX40SISO	Ant1	5510	30~5460	5450.41	-39.25	≤-27	PASS
			5735~40000	23588.39	-37.58	≤-27	PASS
		5590	30~5460	5456.02	-47.12	≤-27	PASS
			5735~40000	26831.3	-36.69	≤-27	PASS
		5670	30~5460	4935.64	-46.49	≤-27	PASS
			5735~40000	5752.01	-35.03	≤-27	PASS
11AX80SISO	Ant1	5530	30~5460	5457.65	-41.45	≤-27	PASS
			5735~40000	25678.73	-38.44	≤-27	PASS
		5610	30~5460	5415.47	-46.12	≤-27	PASS
			5735~40000	26474.05	-38.19	≤-27	PASS



## Test Graphs



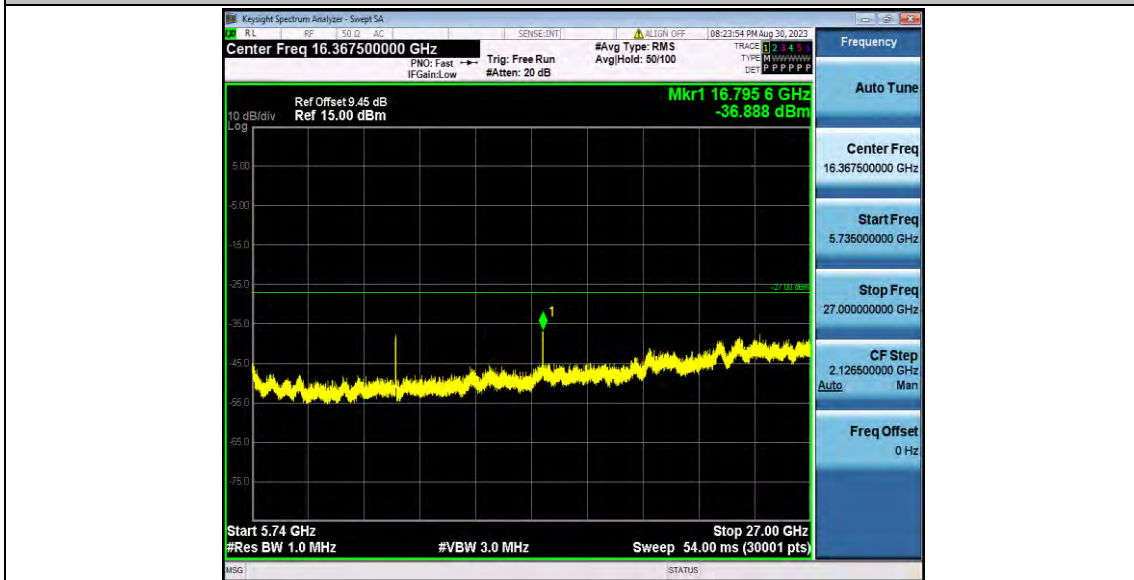
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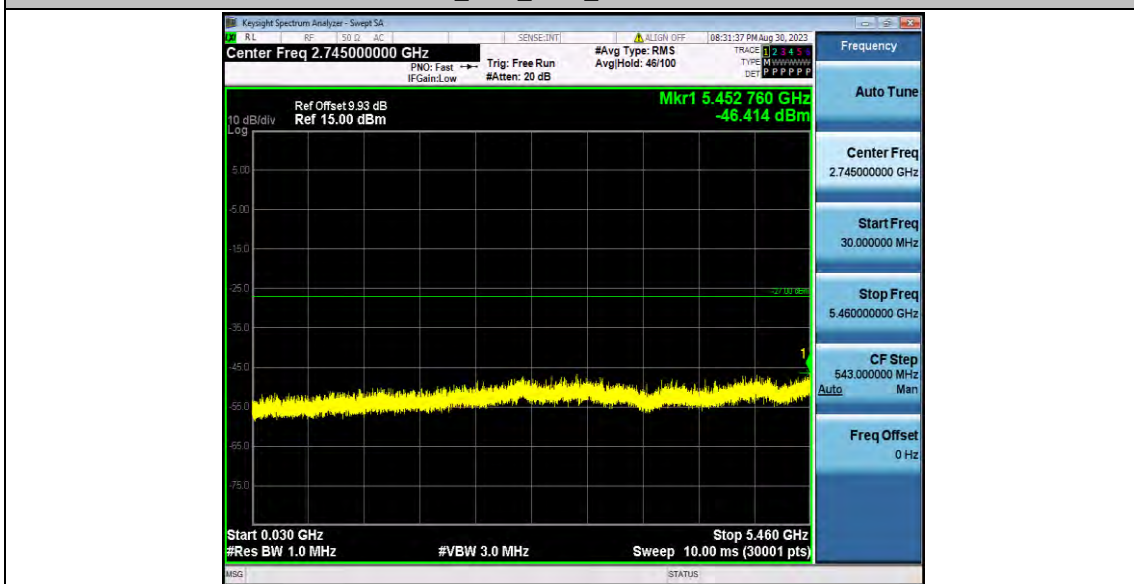
11A\_Ant1\_5500\_5735~40000



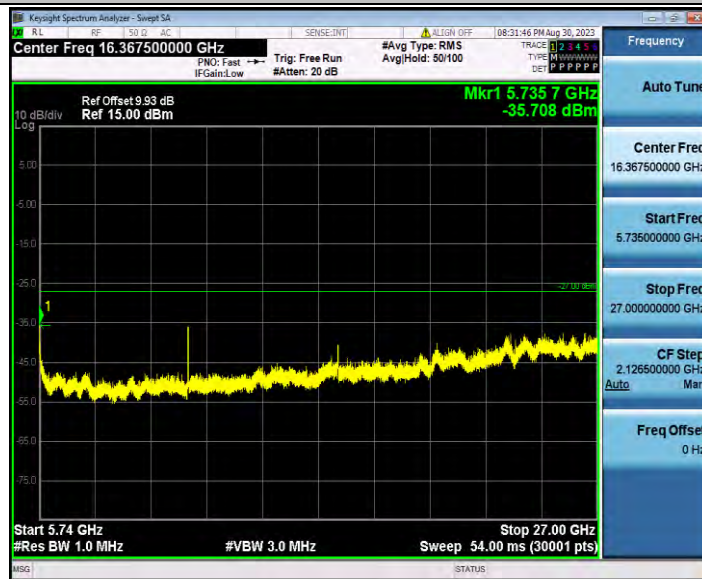
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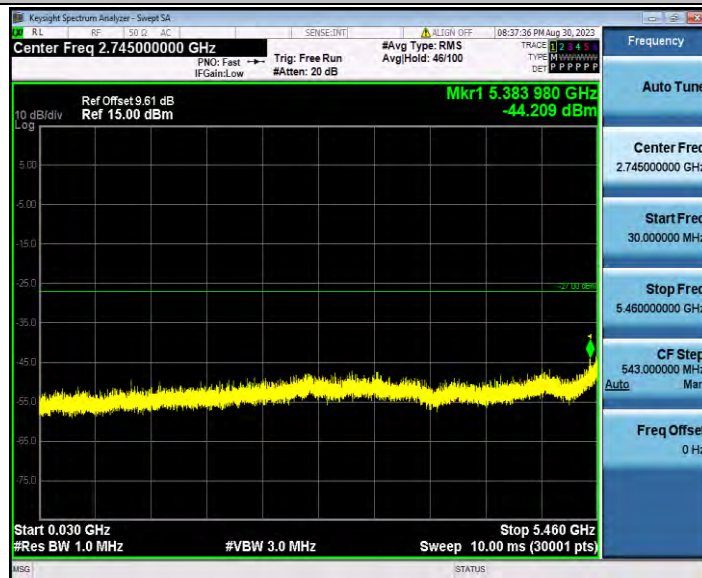
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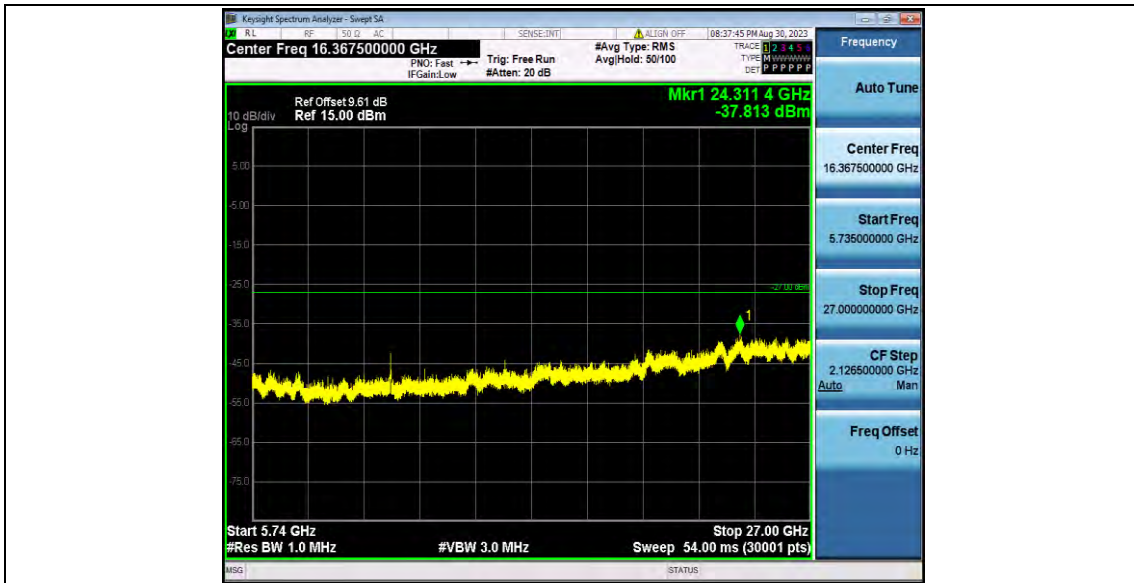
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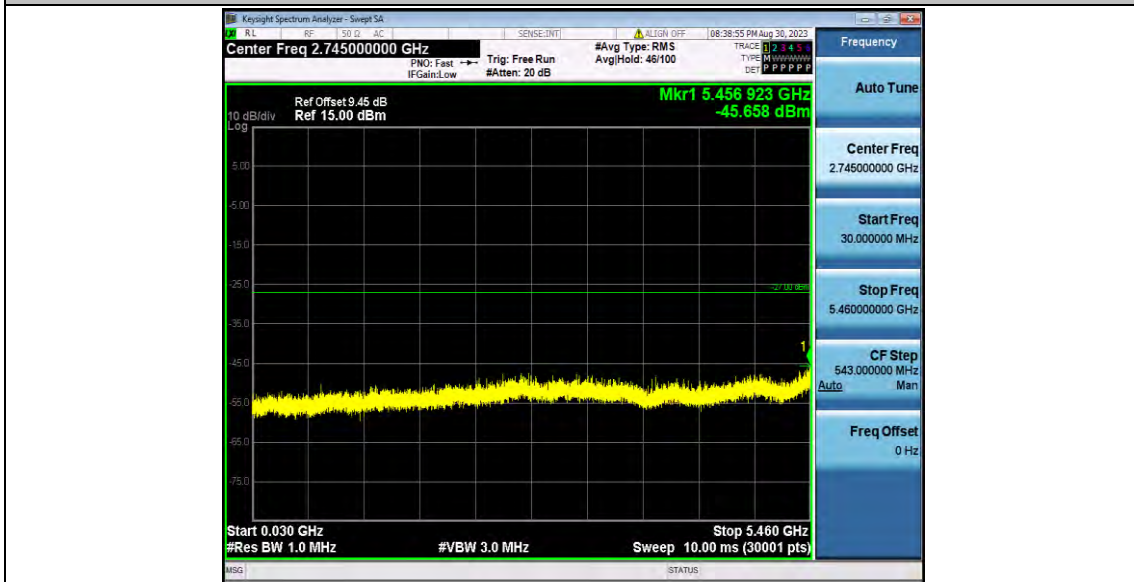
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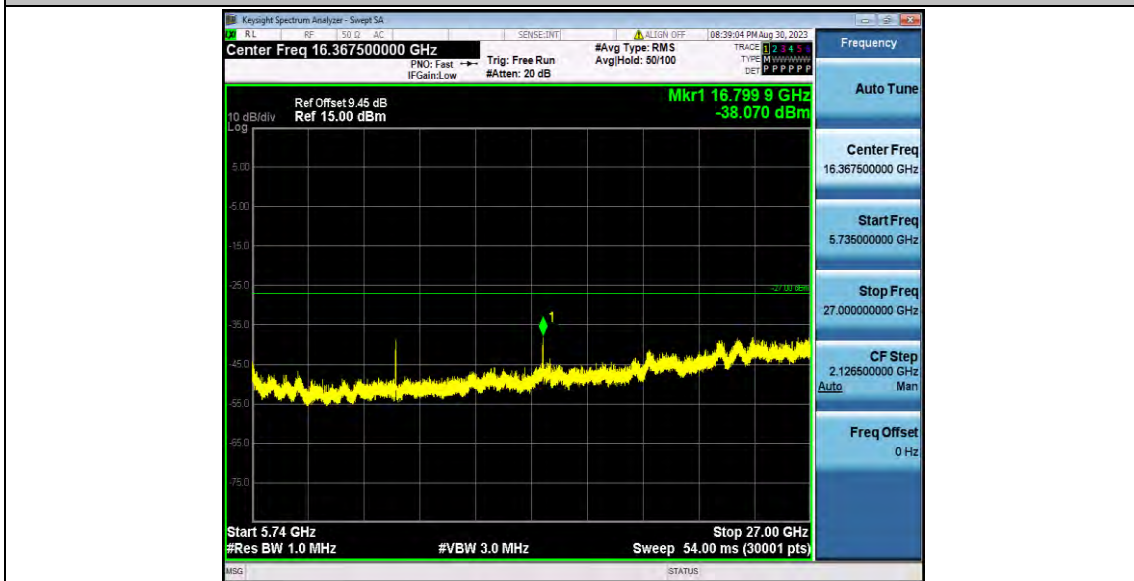
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11N20SISO\_Ant1\_5500\_5735~40000

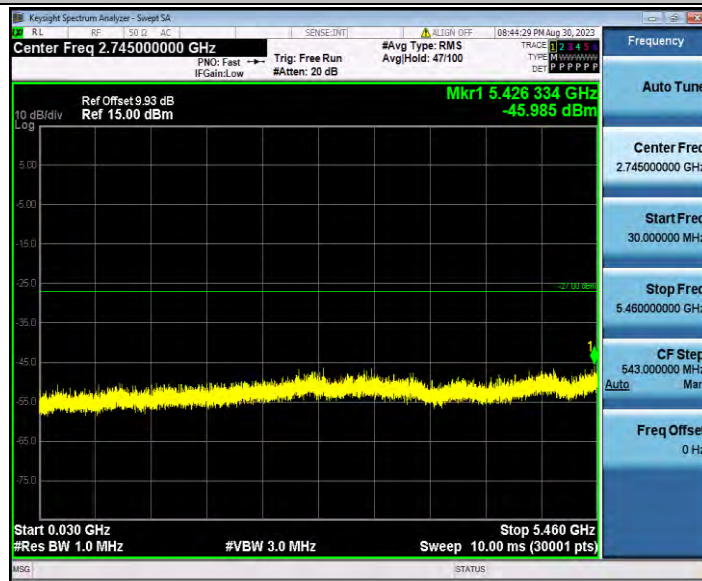


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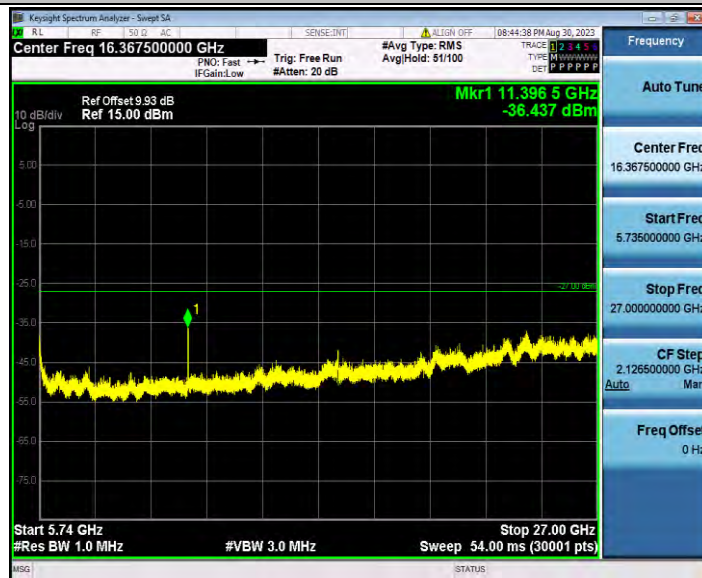




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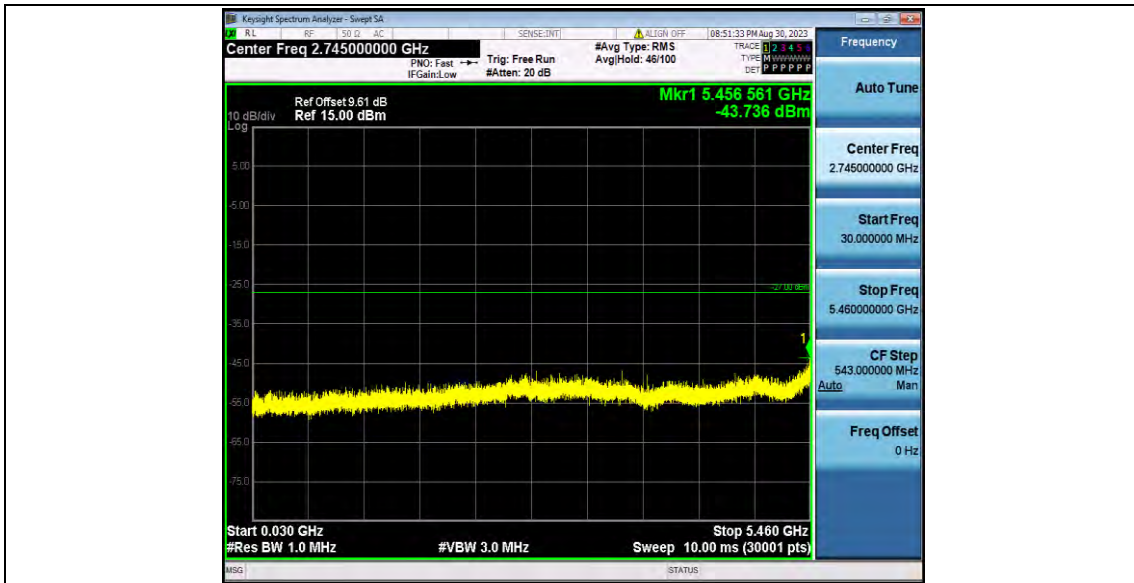


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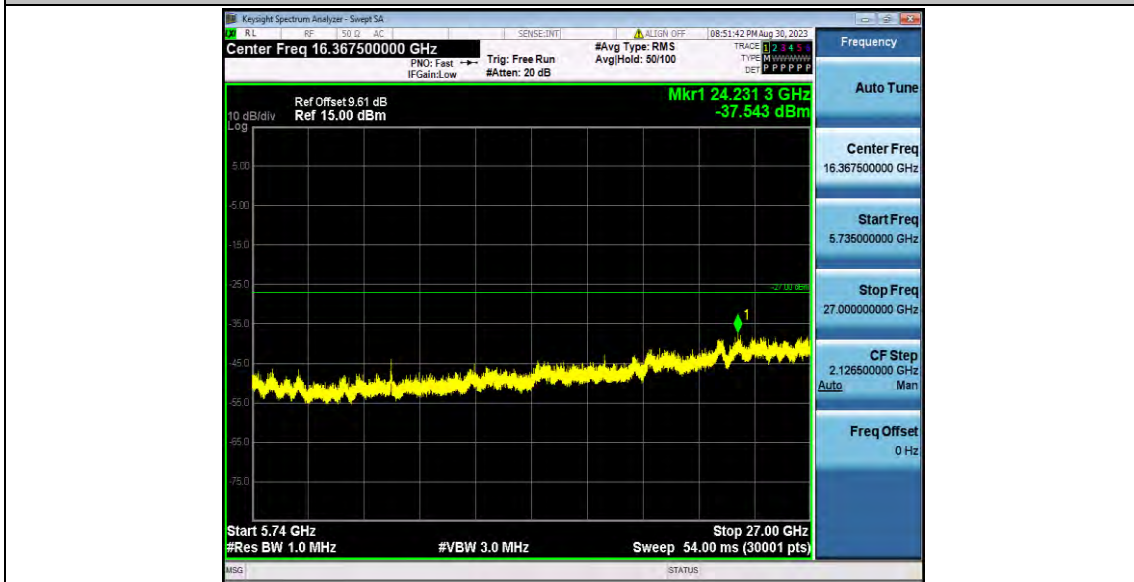


11N20SISO\_Ant1\_5700\_5735~40000





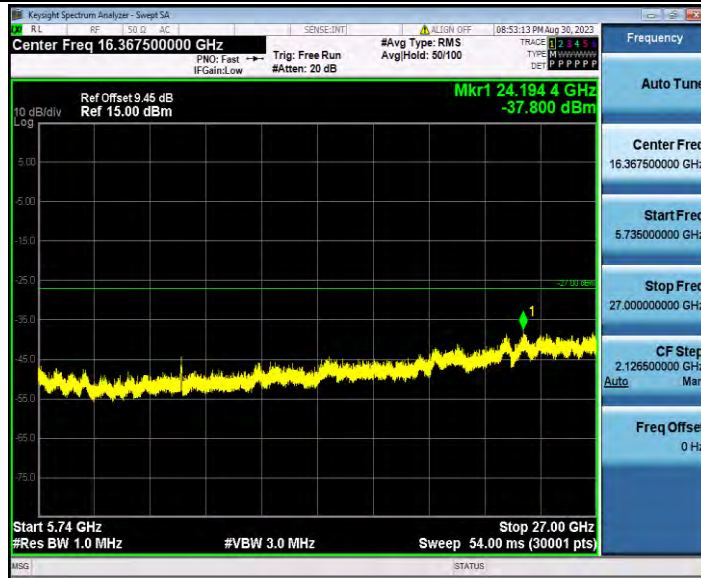
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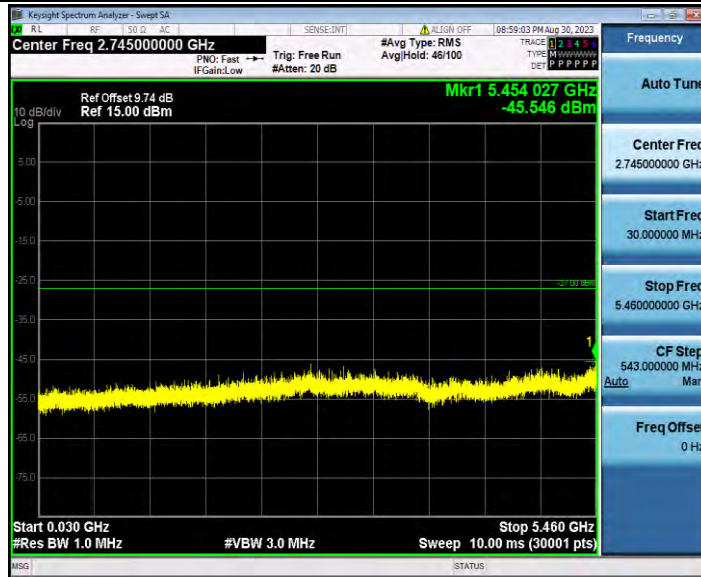
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11N40SISO\_Ant1\_5590\_30~5460



11N40SISO\_Ant1\_5590\_5735~40000



11N40SISO\_Ant1\_5670\_30~5460



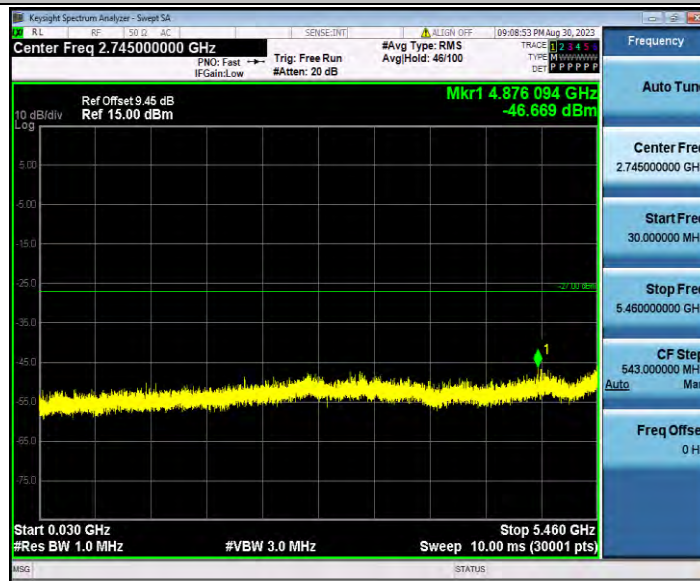
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11AC20SISO\_Ant1\_5500\_30~5460



11AC20SISO\_Ant1\_5500\_5735~40000

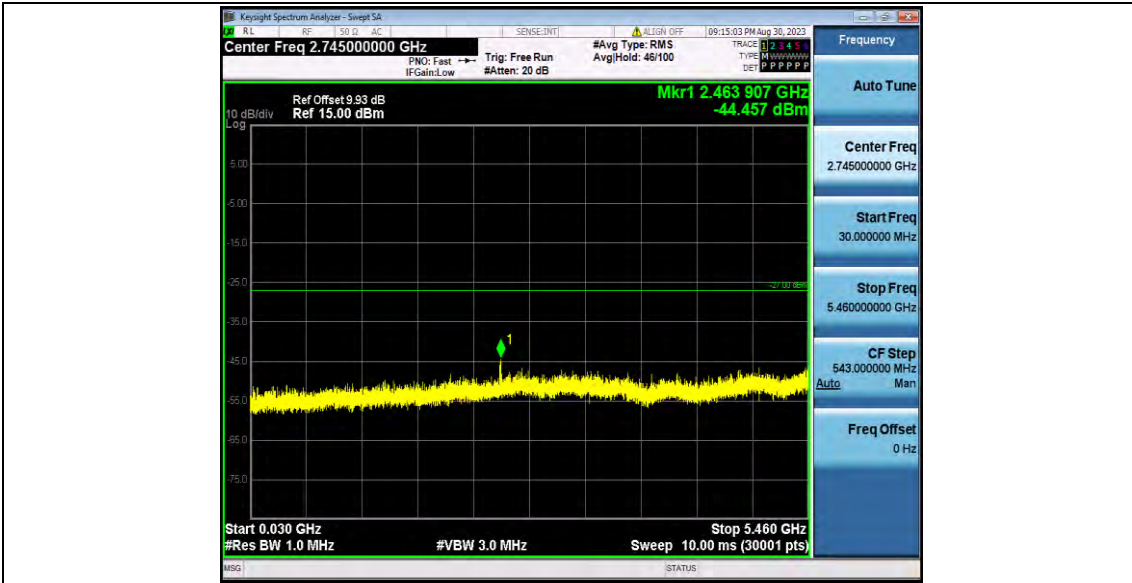


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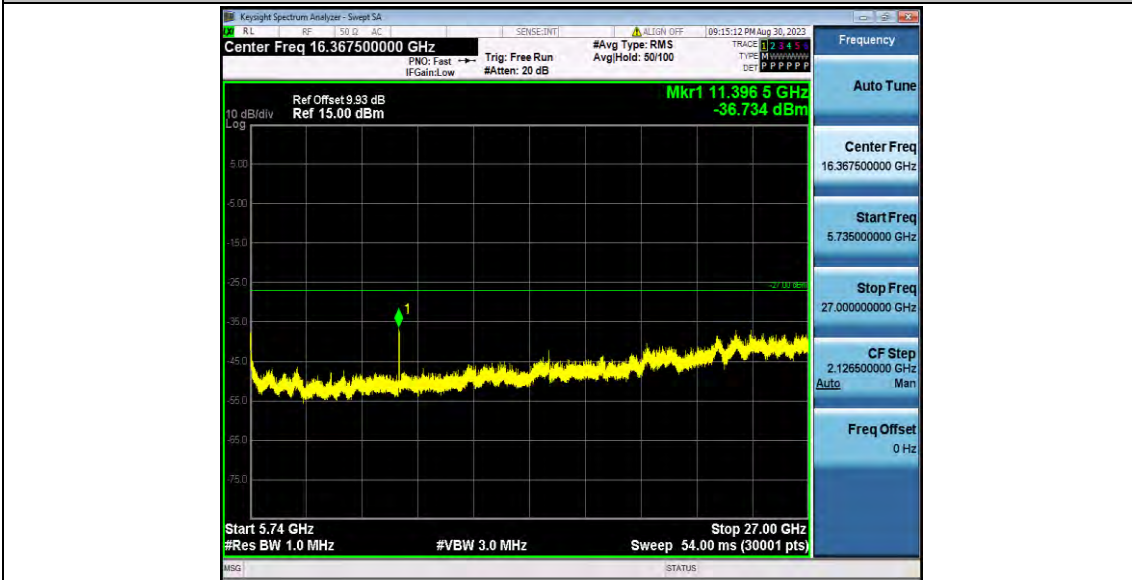


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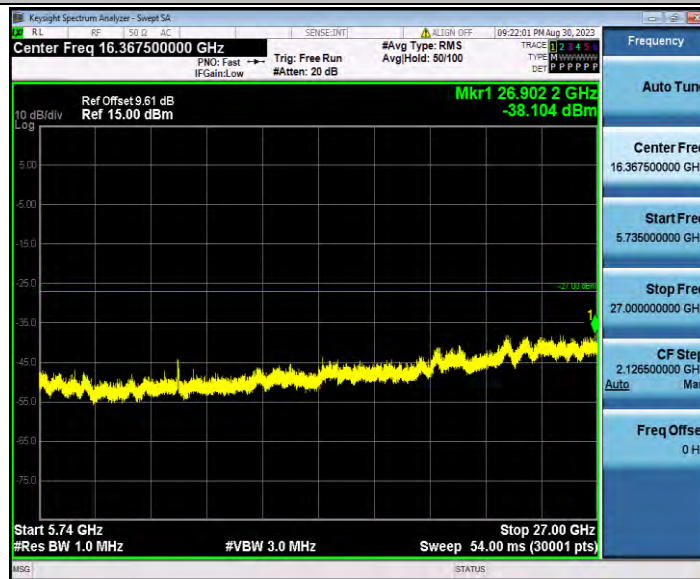
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11AC20SISO\_Ant1\_5700\_5735~40000



11AC40SISO\_Ant1\_5510\_30~5460

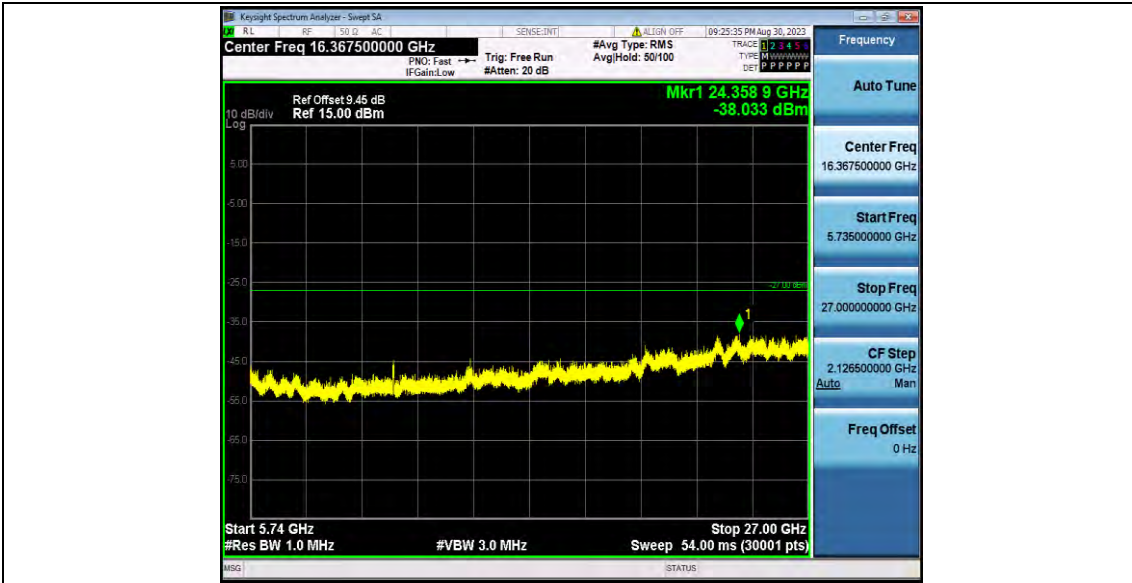


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11AC40SISO\_Ant1\_5590\_30~5460





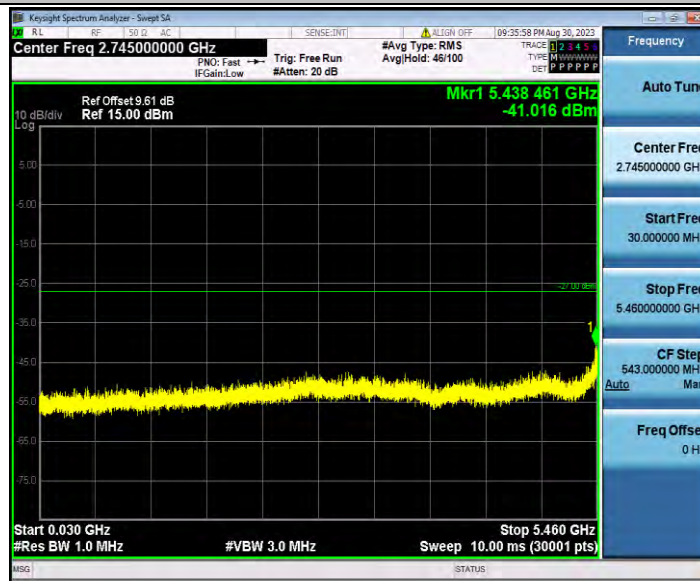
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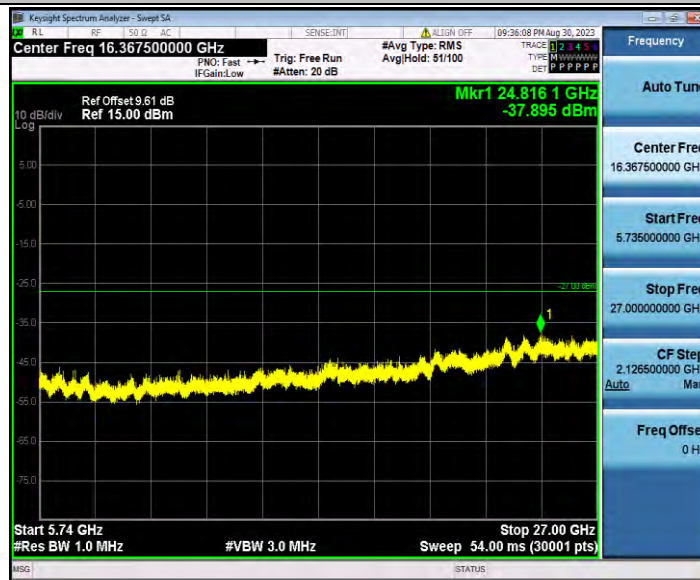
11AC40SISO\_Ant1\_5670\_30~5460



11AC40SISO\_Ant1\_5670\_5735~40000



11AC80SISO\_Ant1\_5530\_30~5460



11AC80SISO\_Ant1\_5530\_5735~40000



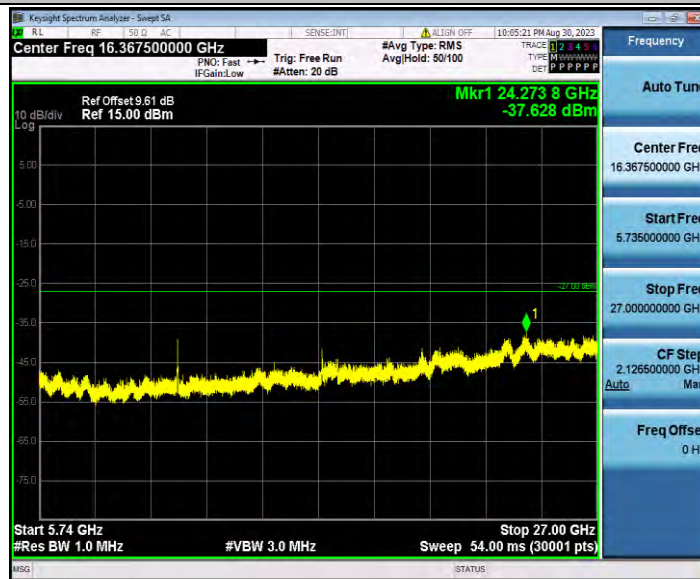
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11AC80SISO\_Ant1\_5610\_5735~40000



11AX20SISO\_Ant1\_5500\_30~5460

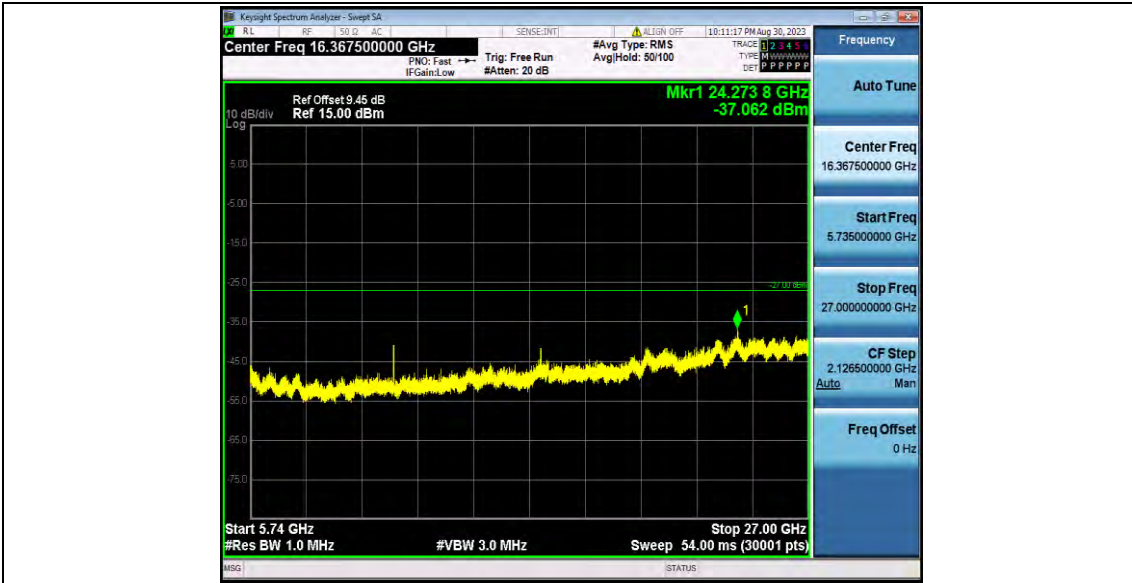


11AX20SISO\_Ant1\_5500\_5735~40000



11AX20SISO\_Ant1\_5600\_30~5460

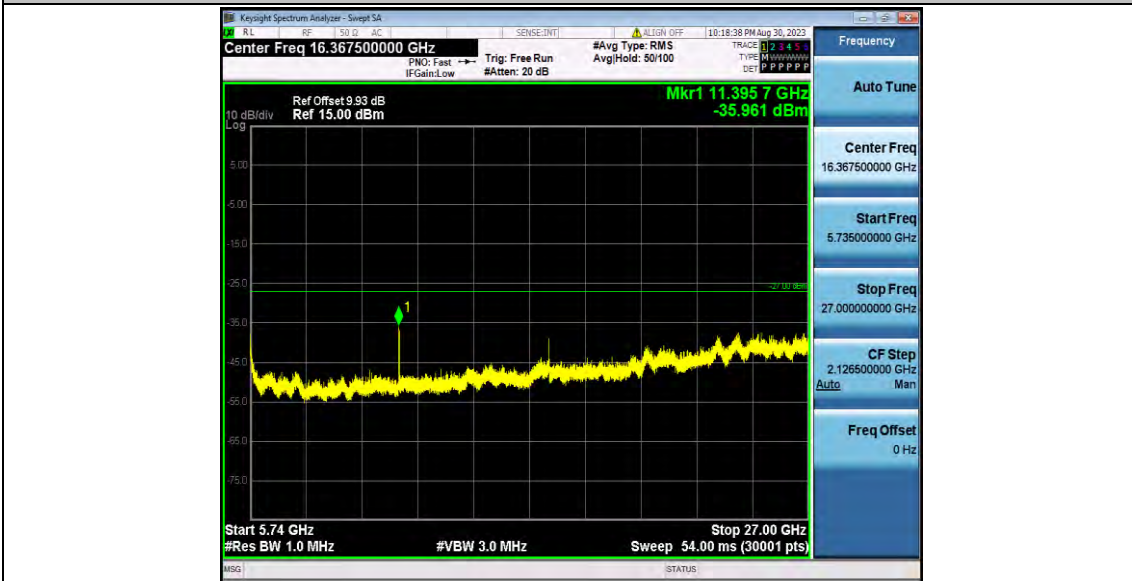




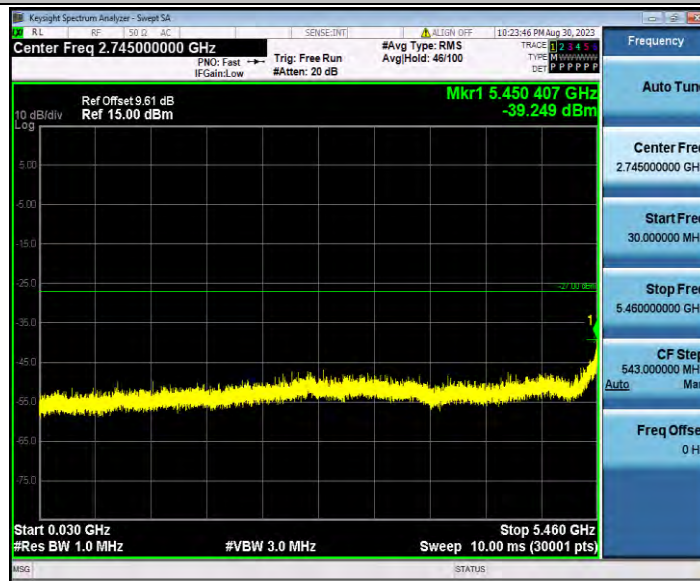
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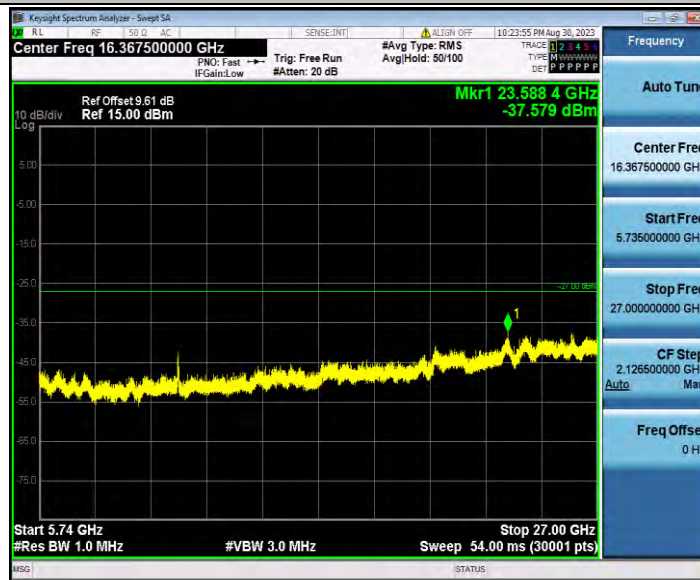
11AX20SISO\_Ant1\_5700\_30~5460



11AX20SISO\_Ant1\_5700\_5735~40000



11AX40SISO\_Ant1\_5510\_30~5460



11AX40SISO\_Ant1\_5510\_5735~40000





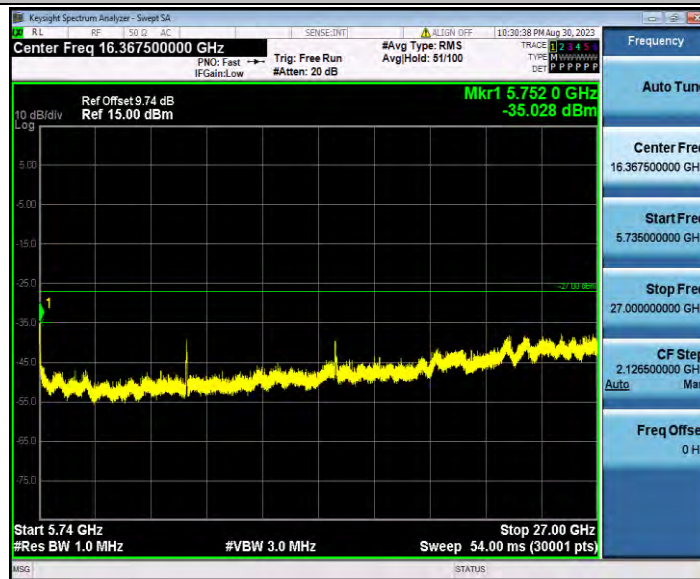
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11AX40SISO\_Ant1\_5590\_5735~40000



11AX40SISO\_Ant1\_5670\_30~5460



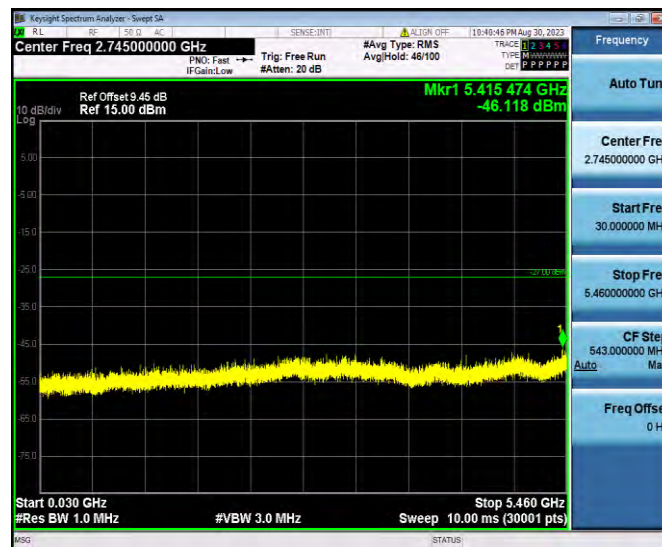
11AX40SISO\_Ant1\_5670\_5735~40000



11AX80SISO\_Ant1\_5530\_30~5460



11AX80SISO\_Ant1\_5530\_5735~40000



11AX80SISO\_Ant1\_5610\_30~5460



11AX80SISO\_Ant1\_5610\_5735~40000