

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	6.02	21.69	6.64	12.66	≤23.98	PASS
		5600	7.52	40.70	3.90	11.42	≤23.98	PASS
		5700	10.16	71.93	1.43	11.59	≤23.98	PASS
11N20SISO	Ant1	5500	11.99	82.61	0.83	12.82	≤23.98	PASS
		5600	10.82	82.61	0.83	11.65	≤23.98	PASS
		5700	10.80	86.96	0.61	11.41	≤23.98	PASS
11N40SISO	Ant1	5510	9.81	68.06	1.67	11.48	≤23.98	PASS
		5590	7.82	53.66	2.70	10.52	≤23.98	PASS
		5670	6.73	53.74	2.70	9.43	≤23.98	PASS
11AC20SISO	Ant1	5500	11.89	80.95	0.92	12.81	≤23.98	PASS
		5600	10.89	85.00	0.71	11.60	≤23.98	PASS
		5700	10.67	80.00	0.97	11.64	≤23.98	PASS
11AC40SISO	Ant1	5510	10.23	69.17	1.60	11.83	≤23.98	PASS
		5590	9.40	69.92	1.55	10.95	≤23.98	PASS
		5670	9.03	69.52	1.58	10.61	≤23.98	PASS
11AC80SISO	Ant1	5530	4.51	48.32	3.16	7.67	≤23.98	PASS
		5610	4.53	48.13	3.18	7.71	≤23.98	PASS
11AX20SISO	Ant1	5500	10.11	84.21	0.75	10.86	≤23.98	PASS
		5600	9.23	80.00	0.97	10.20	≤23.98	PASS
		5700	7.60	78.95	1.03	8.63	≤23.98	PASS
11AX40SISO	Ant1	5510	9.40	56.78	2.46	11.86	≤23.98	PASS
		5590	5.38	57.27	2.42	7.80	≤23.98	PASS
		5670	5.25	57.12	2.43	7.68	≤23.98	PASS
11AX80SISO	Ant1	5530	4.07	50.39	2.98	7.05	≤23.98	PASS
		5610	7.79	90.63	0.43	8.22	≤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	3.15	≤11.00	PASS
		5600	1.29	≤11.00	PASS
		5700	1.1	≤11.00	PASS
11N20SISO	Ant1	5500	1.58	≤11.00	PASS
		5600	0.58	≤11.00	PASS
		5700	0.33	≤11.00	PASS
11N40SISO	Ant1	5510	-1.23	≤11.00	PASS
		5590	-3.15	≤11.00	PASS
		5670	-4.38	≤11.00	PASS
11AC20SISO	Ant1	5500	1.49	≤11.00	PASS
		5600	0.29	≤11.00	PASS
		5700	0.47	≤11.00	PASS
11AC40SISO	Ant1	5510	-1.03	≤11.00	PASS
		5590	-1.8	≤11.00	PASS
		5670	-2.12	≤11.00	PASS
11AC80SISO	Ant1	5530	-7.76	≤11.00	PASS
		5610	-8.85	≤11.00	PASS
11AX20SISO	Ant1	5500	-0.82	≤11.00	PASS
		5600	-1.44	≤11.00	PASS
		5700	-2.93	≤11.00	PASS
11AX40SISO	Ant1	5510	-2.43	≤11.00	PASS
		5590	-6.41	≤11.00	PASS
		5670	-7.68	≤11.00	PASS
11AX80SISO	Ant1	5530	-9.46	≤11.00	PASS
		5610	-8.26	≤11.00	PASS

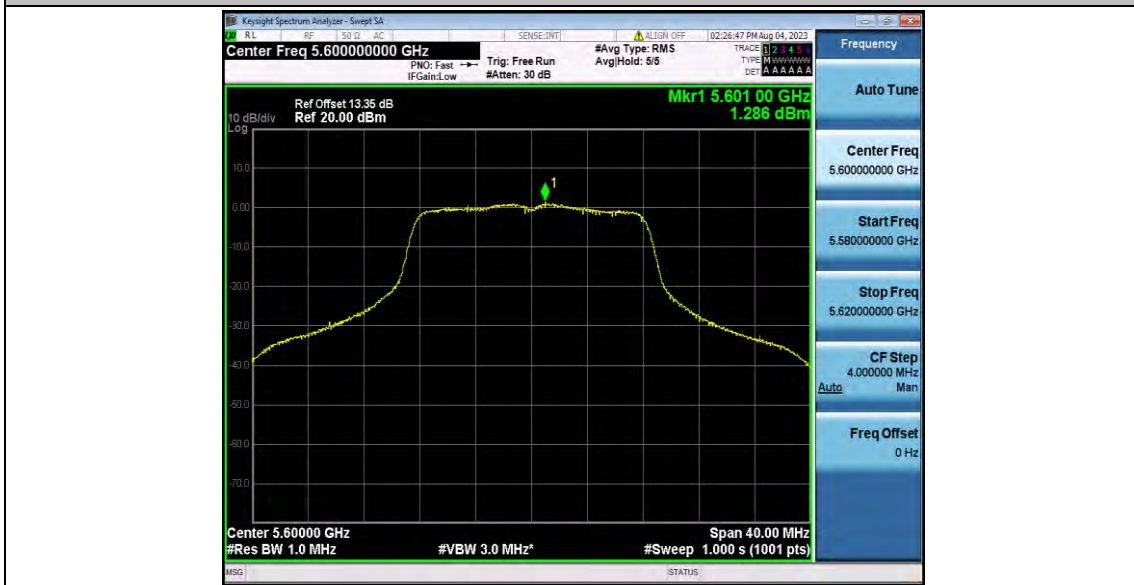
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

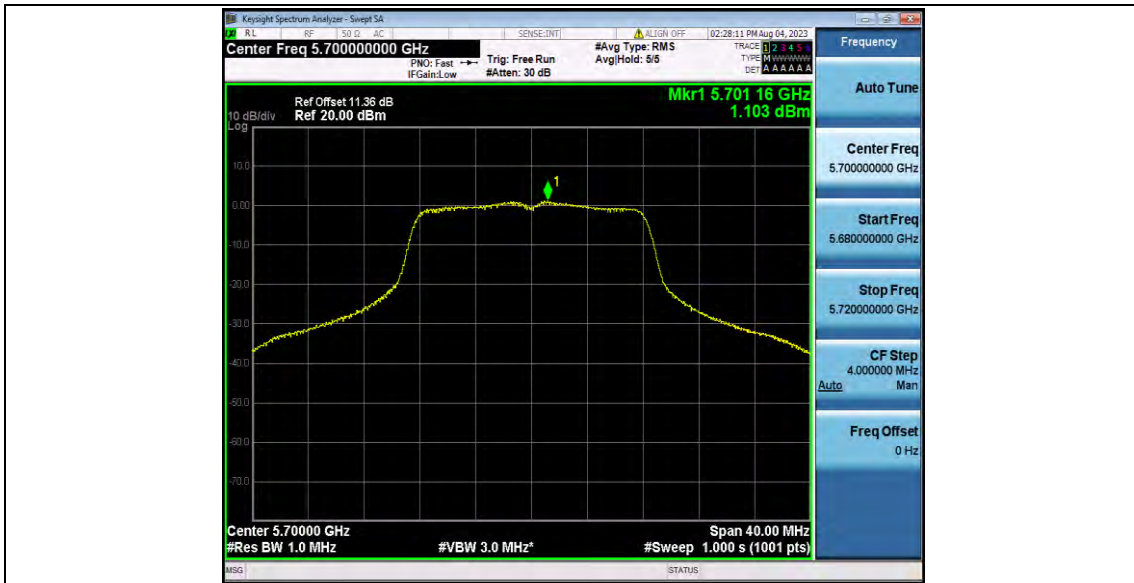
Test Graphs



11A_Ant1_5500



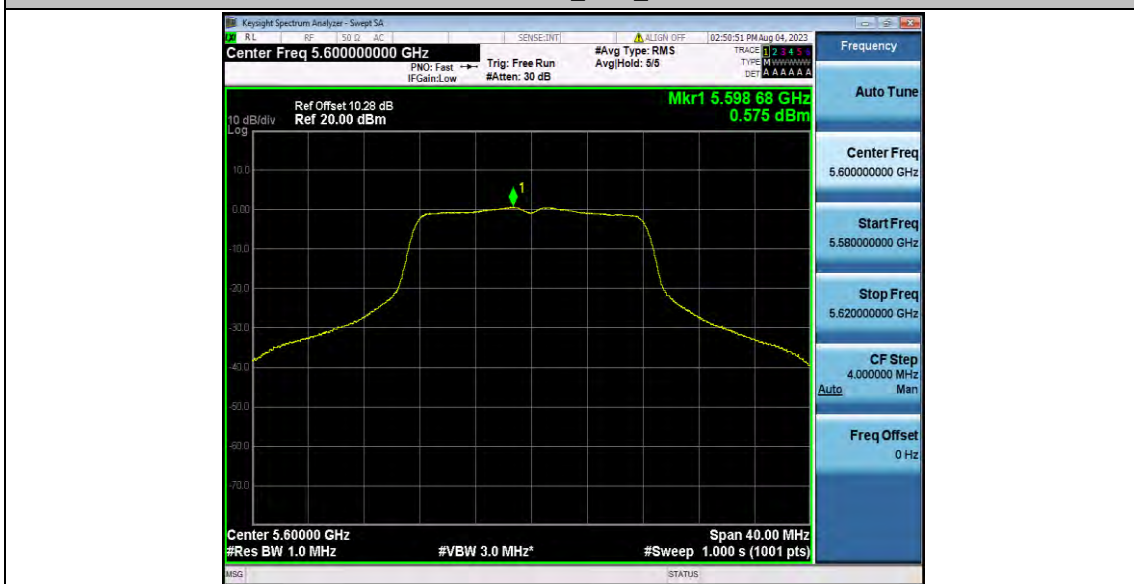
11A_Ant1_5600



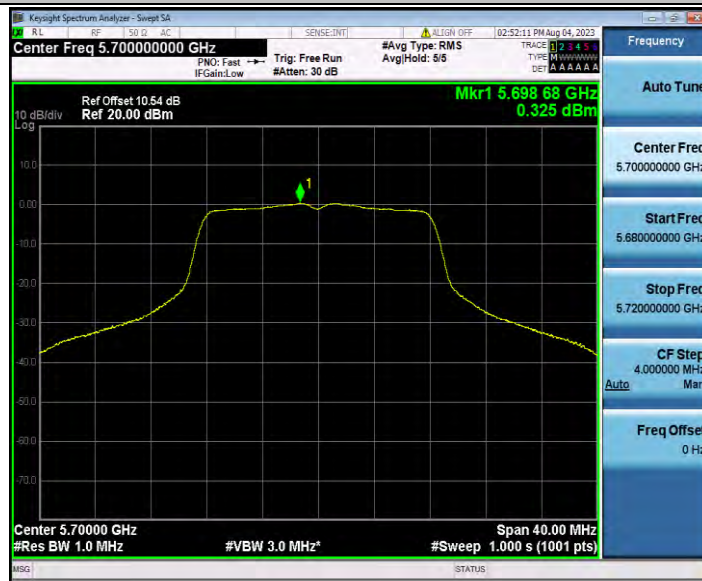
11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



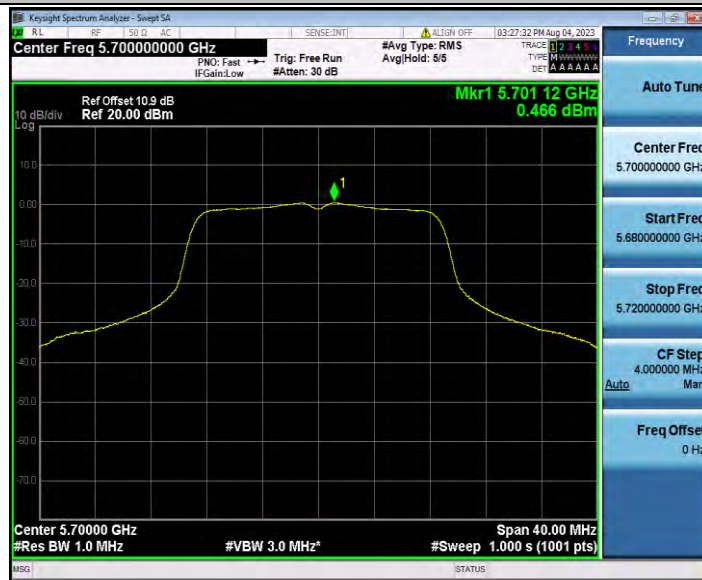
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



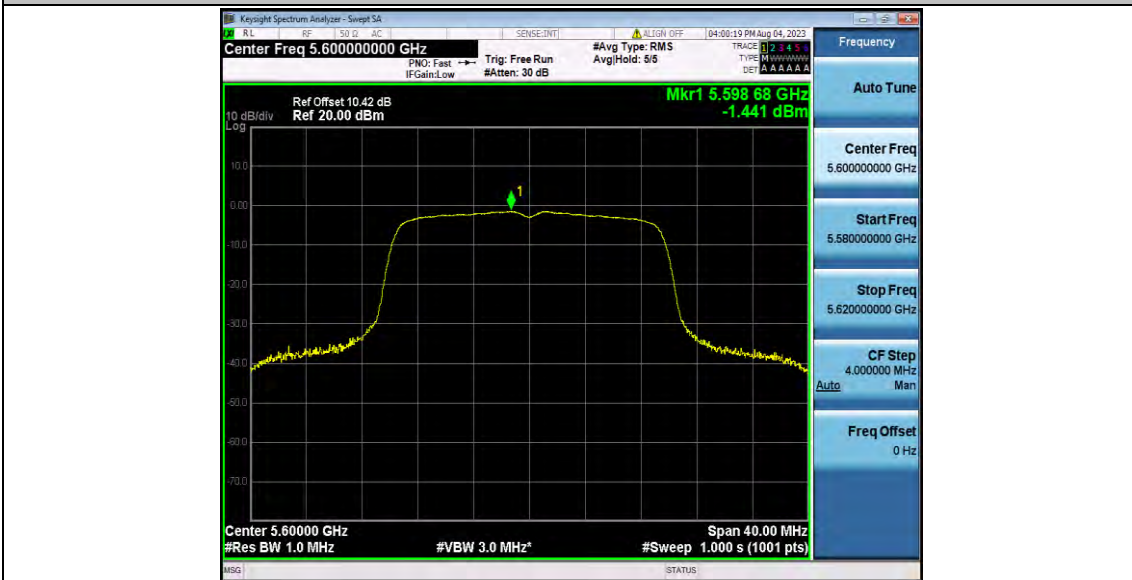
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5600



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



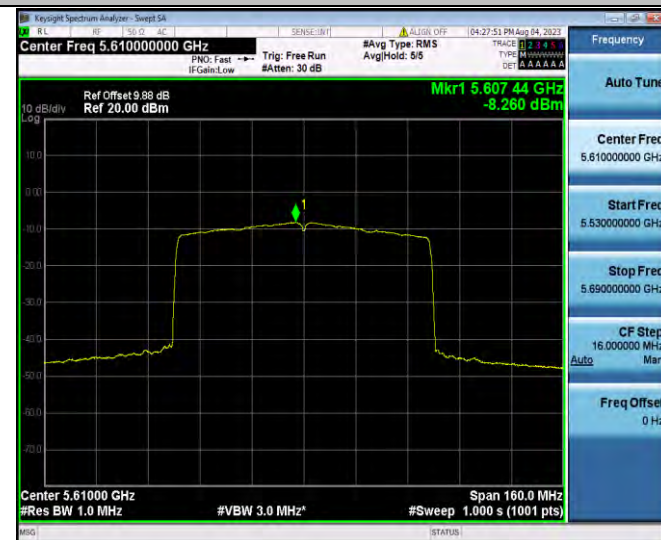
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



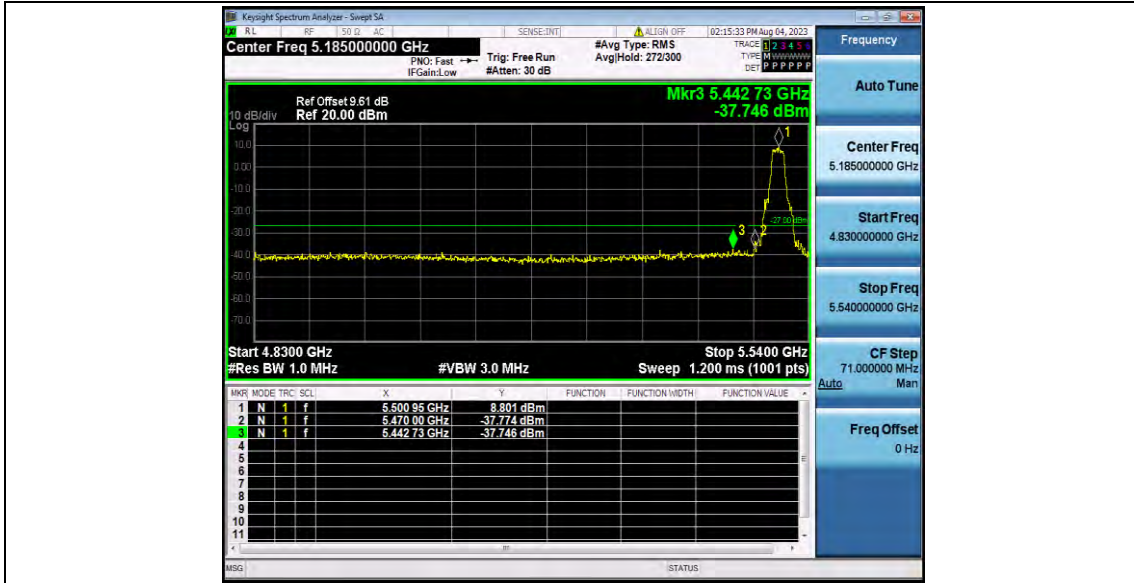
11AX80SISO_Ant1_5610

Appendix F.6: Band edge measurements

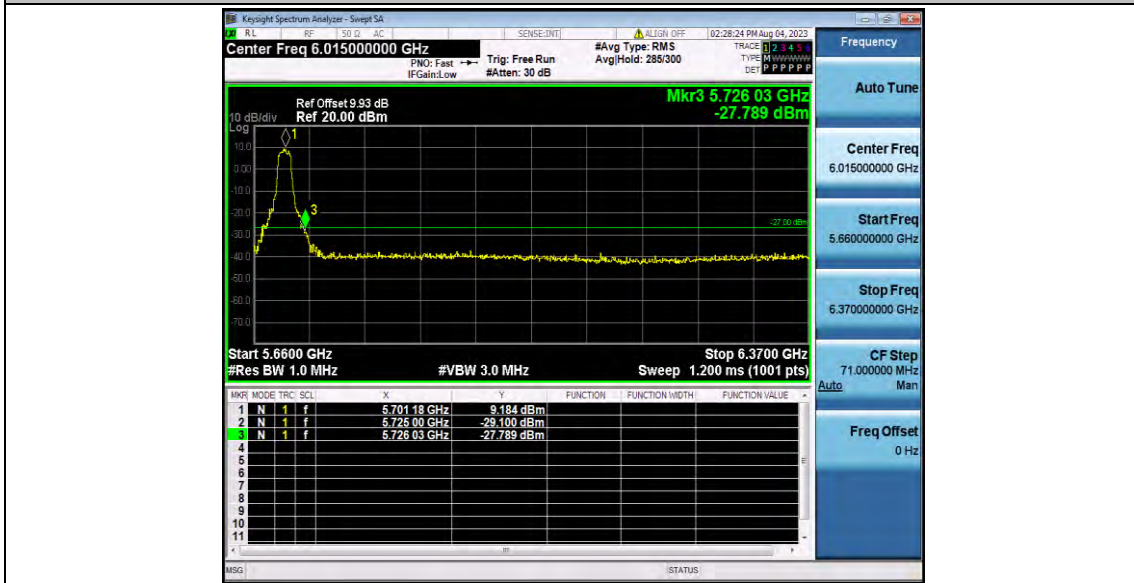
Test Result B3

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.75	≤-27	PASS
		High	5700	-27.79	≤-27	PASS
11N20SISO	Ant1	Low	5500	-31.72	≤-27	PASS
		High	5700	-30.62	≤-27	PASS
11N40SISO	Ant1	Low	5510	-31.15	≤-27	PASS
		High	5670	-37.56	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-30.33	≤-27	PASS
		High	5700	-27.83	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-30.79	≤-27	PASS
		High	5670	-36.29	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-36.88	≤-27	PASS
		High	5610	-38.36	≤-27	PASS
11AX20SISO	Ant1	Low	5500	-37.05	≤-27	PASS
		High	5700	-35.85	≤-27	PASS
11AX40SISO	Ant1	Low	5510	-36.78	≤-27	PASS
		High	5670	-38.04	≤-27	PASS
11AX80SISO	Ant1	Low	5530	-36.78	≤-27	PASS
		High	5610	-37.67	≤-27	PASS

Test Graphs B3



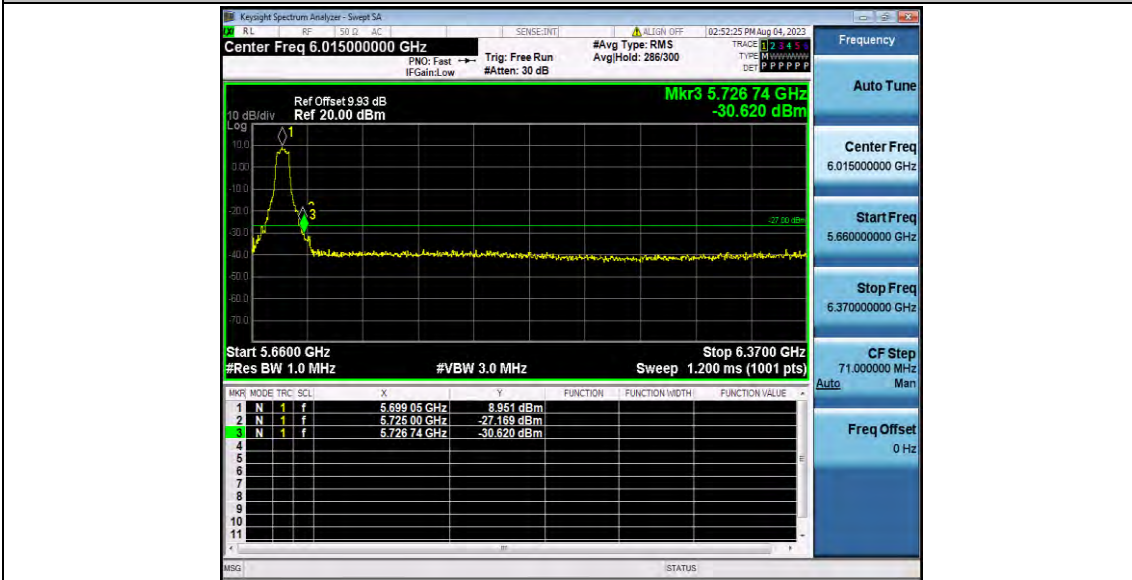
11A_Ant1_Low_5500



11A_Ant1_High_5700



11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



11N40SISO_Ant1_Low_5510



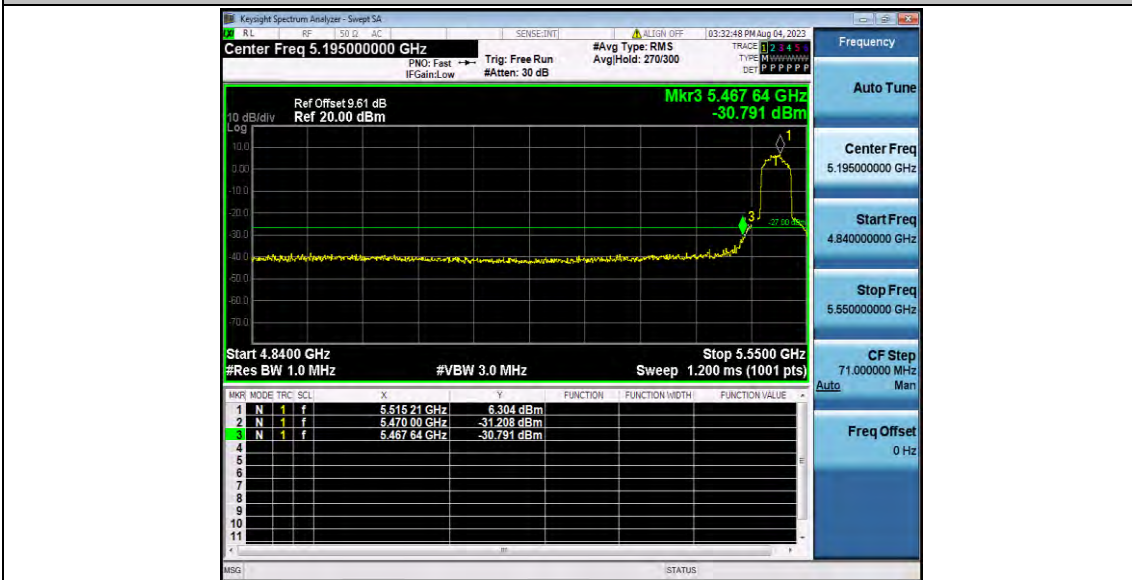
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



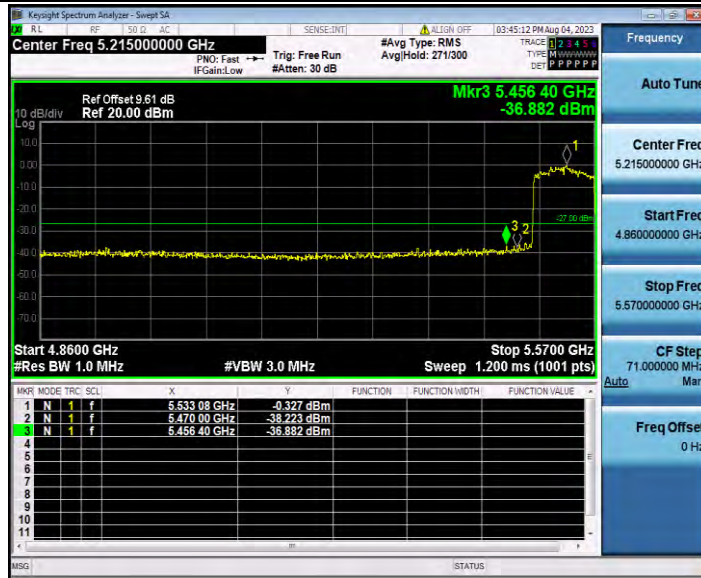
11AC20SISO_Ant1_High_5700



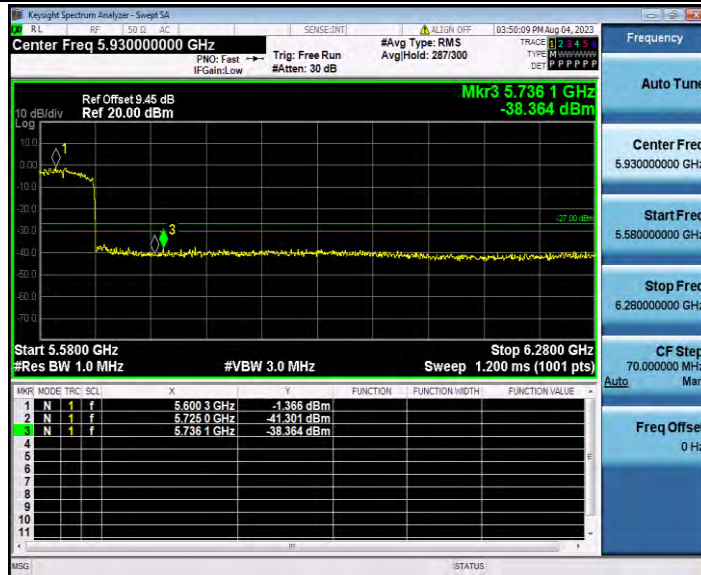
11AC40SISO_Ant1_Low_5510



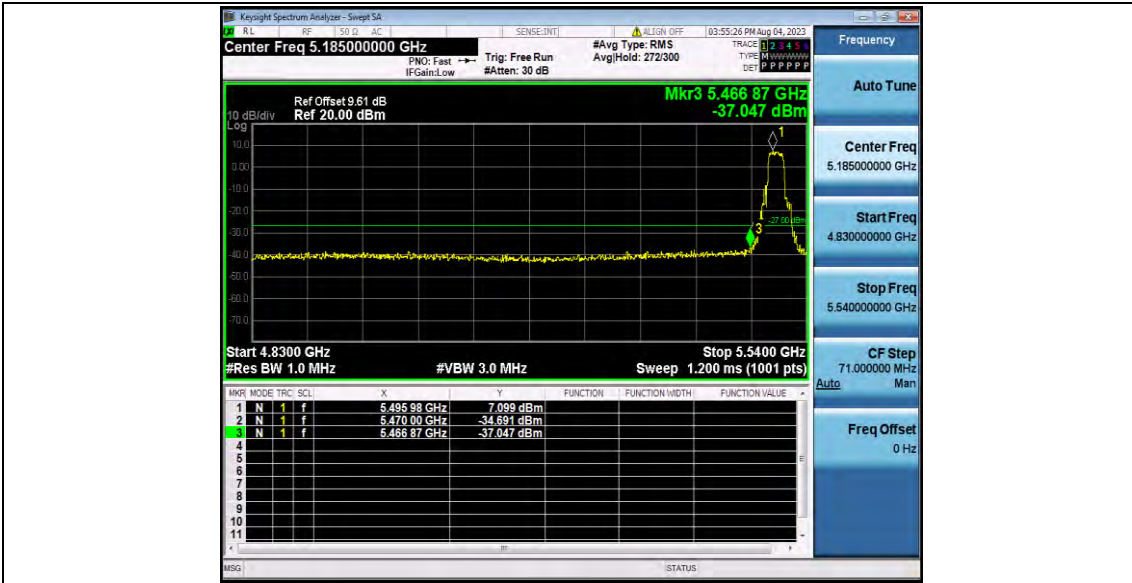
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



11AX20SISO_Ant1_Low_5500



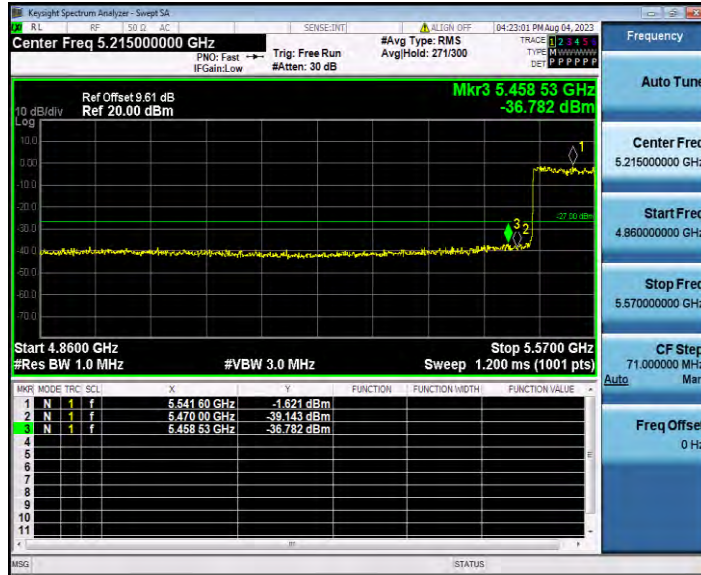
11AX20SISO_Ant1_High_5700



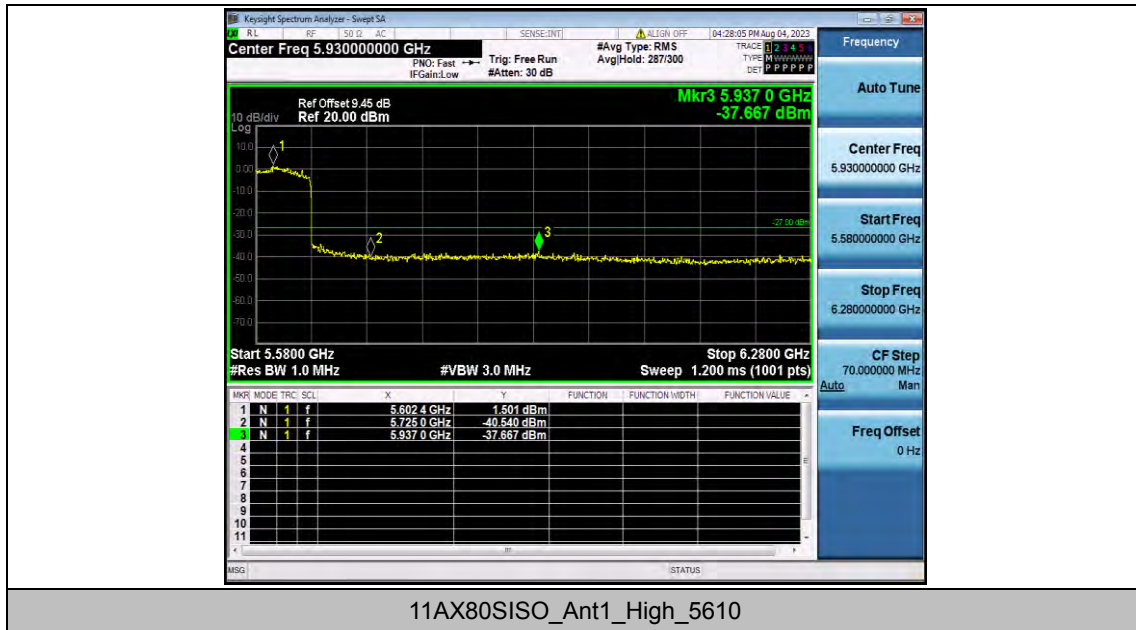
11AX40SISO_Ant1_Low_5510



11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610

Appendix F.7: Conducted Spurious Emission

Test Result

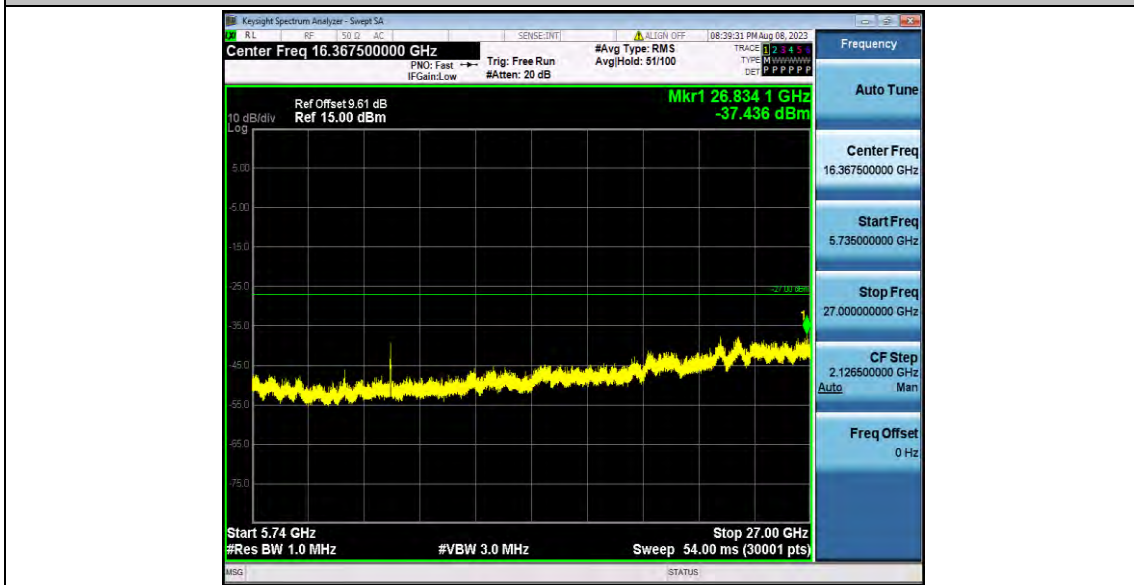
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5450.05	-44.7	≤-27	PASS
			5735~40000	26834.13	-37.44	≤-27	PASS
		5600	30~5460	5423.26	-47.02	≤-27	PASS
			5735~40000	23504.74	-37.37	≤-27	PASS
		5700	30~5460	3314.43	-46.8	≤-27	PASS
			5735~40000	11402.83	-35.08	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	1717.28	-40.36	≤-27	PASS
			5735~40000	11003.76	-35.64	≤-27	PASS
		5600	30~5460	3133.61	-46.5	≤-27	PASS
			5735~40000	26851.85	-38.42	≤-27	PASS
		5700	30~5460	5006.41	-46.41	≤-27	PASS
			5735~40000	11401.41	-31.37	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5457.29	-41.88	≤-27	PASS
			5735~40000	26726.39	-38.05	≤-27	PASS
		5590	30~5460	5431.22	-46.34	≤-27	PASS
			5735~40000	26057.96	-38.39	≤-27	PASS
		5670	30~5460	5417.83	-46.57	≤-27	PASS
			5735~40000	24323.45	-37.51	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5459.82	-42.61	≤-27	PASS
			5735~40000	10997.38	-35.53	≤-27	PASS
		5600	30~5460	5395.56	-47.35	≤-27	PASS
			5735~40000	26481.84	-37.84	≤-27	PASS
		5700	30~5460	5457.47	-46.79	≤-27	PASS
			5735~40000	11403.54	-31.55	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5457.29	-40.49	≤-27	PASS
			5735~40000	23560.74	-38.32	≤-27	PASS
		5590	30~5460	5451.13	-46.42	≤-27	PASS
			5735~40000	26822.08	-37.45	≤-27	PASS
		5670	30~5460	5447.15	-46.63	≤-27	PASS
			5735~40000	24163.96	-37.46	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5459.64	-39.07	≤-27	PASS
			5735~40000	26110.41	-37.7	≤-27	PASS
		5610	30~5460	4777.09	-46.21	≤-27	PASS
			5735~40000	11003.76	-37.46	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5459.46	-43.31	≤-27	PASS
			5735~40000	11000.92	-36.4	≤-27	PASS

		5600	30~5460	5379.64	-46.69	≤ -27	PASS
			5735~40000	11198.69	-36.14	≤ -27	PASS
		5700	30~5460	5433.39	-47.15	≤ -27	PASS
			5735~40000	11398.58	-30.62	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5452.58	-43.13	≤ -27	PASS
			5735~40000	24285.88	-38.37	≤ -27	PASS
		5590	30~5460	5417.83	-46.06	≤ -27	PASS
			5735~40000	24374.48	-38.45	≤ -27	PASS
		5670	30~5460	2562.91	-47.3	≤ -27	PASS
			5735~40000	25191.06	-37.45	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5440.27	-41.01	≤ -27	PASS
			5735~40000	25128.68	-37.25	≤ -27	PASS
		5610	30~5460	5450.95	-40.09	≤ -27	PASS
			5735~40000	26478.3	-37.83	≤ -27	PASS

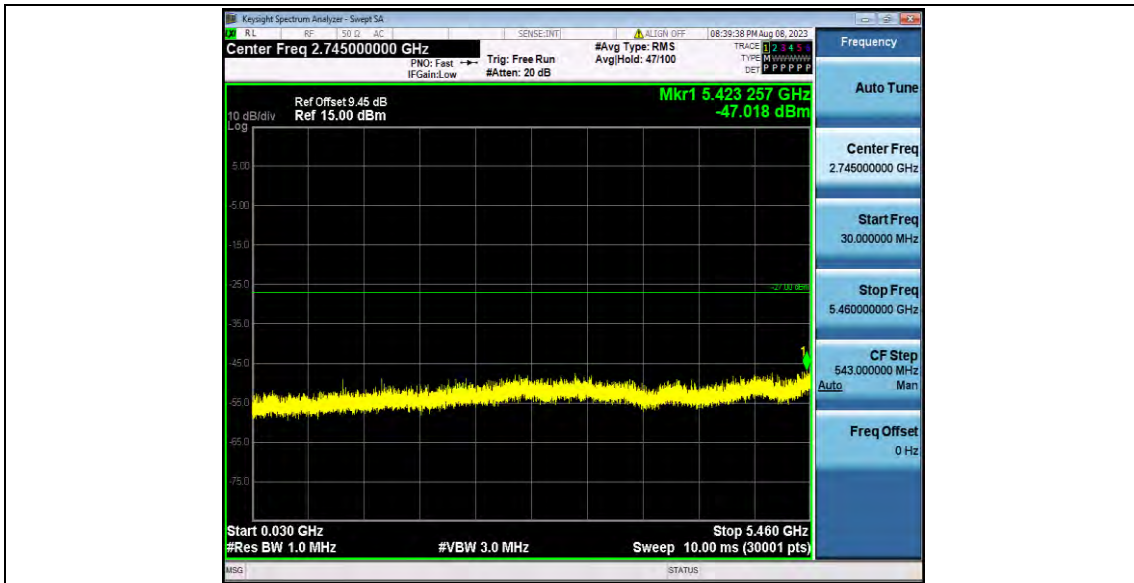
Test Graphs



11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~40000



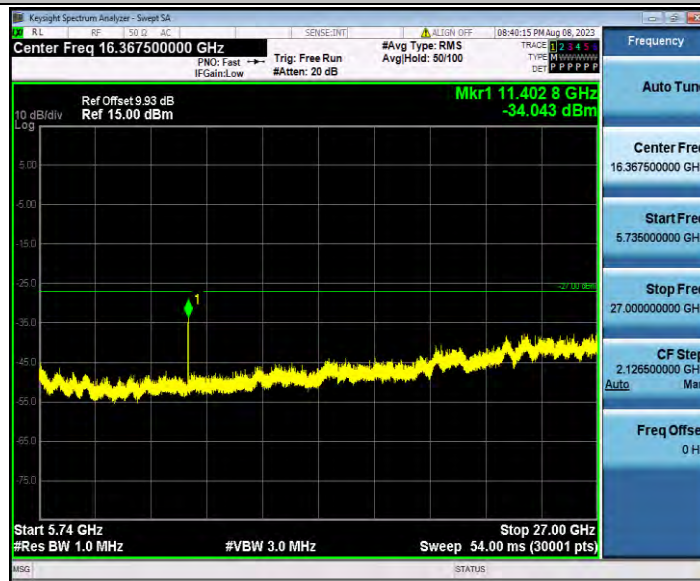
11A_Ant1_5600_30~5460



11A_Ant1_5600_5735~40000



11A_Ant1_5700_30~5460



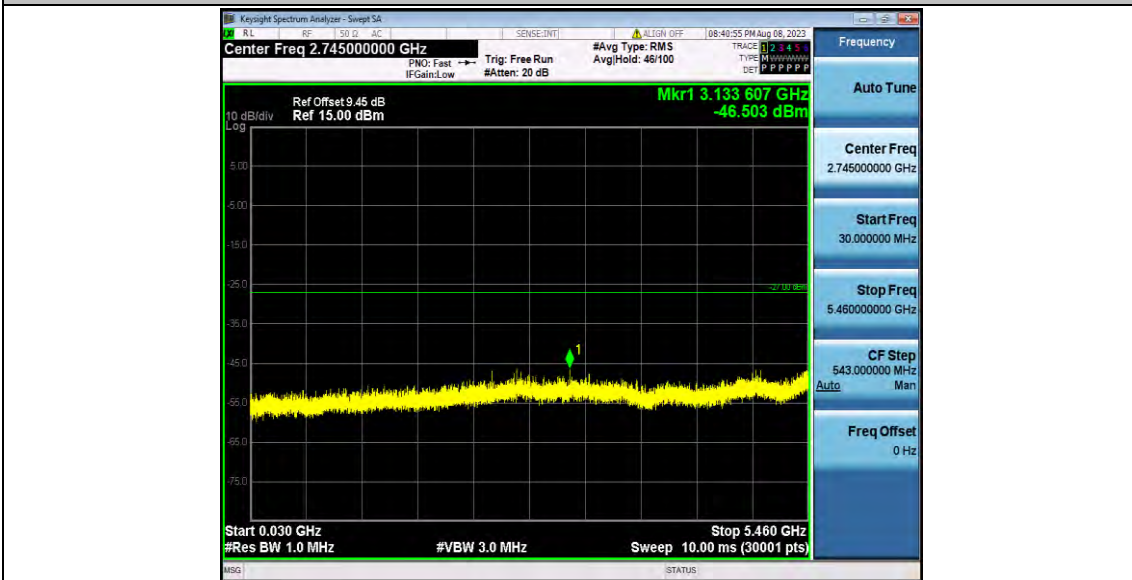
11A_Ant1_5700_5735~40000



11N20SISO_Ant1_5500_30~5460



11N20SISO_Ant1_5500_5735~40000



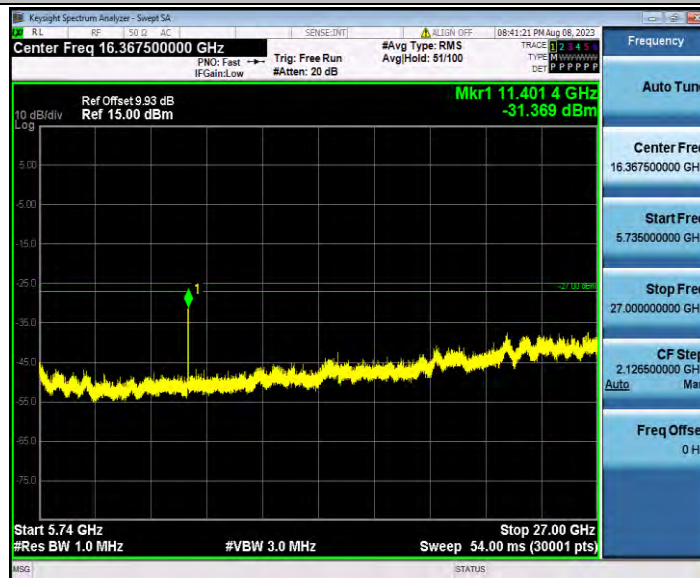
11N20SISO_Ant1_5600_30~5460



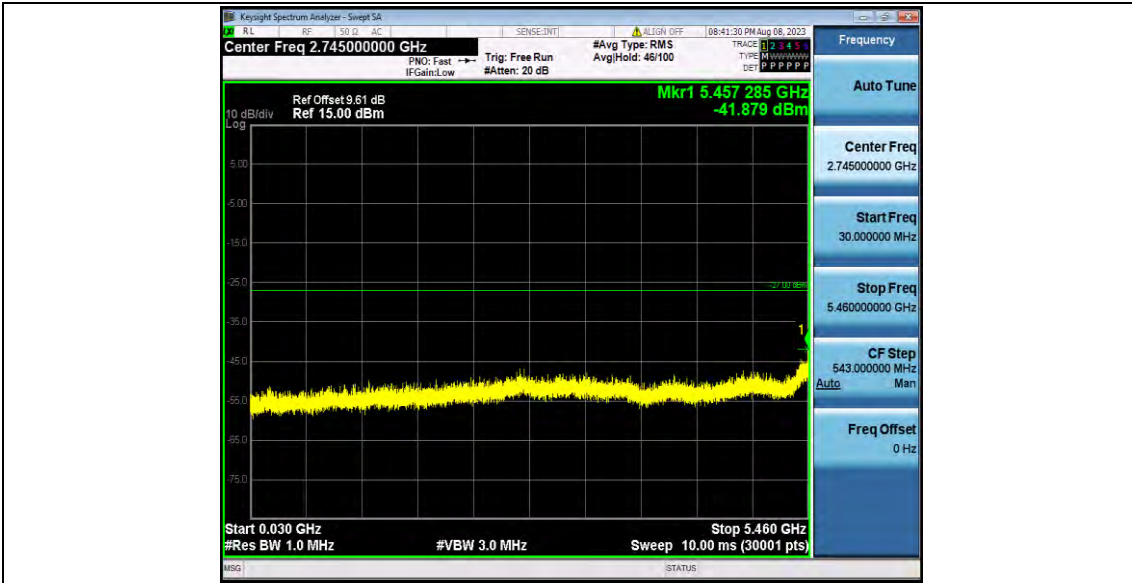
11N20SISO_Ant1_5600_5735~40000



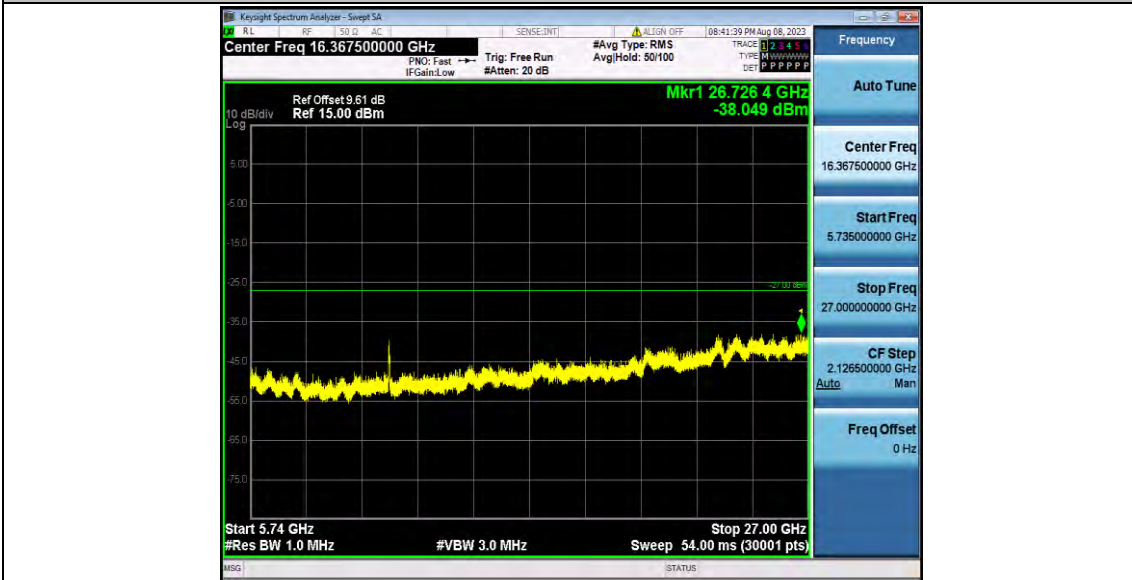
11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~40000



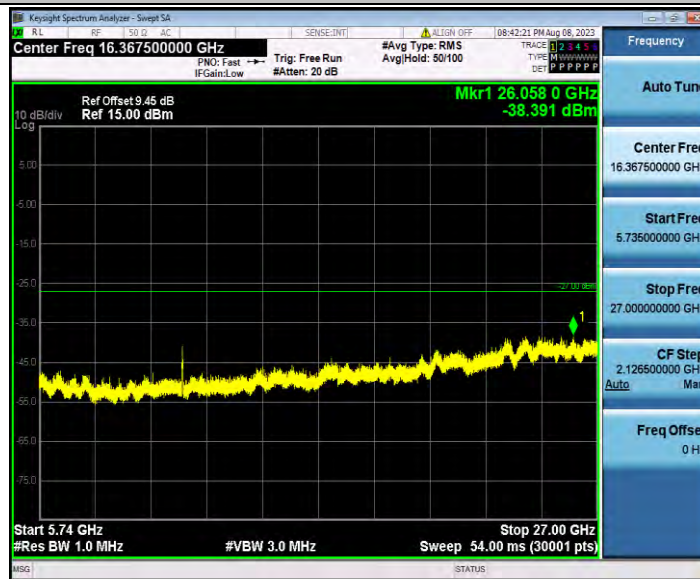
11N40SISO_Ant1_5510_30~5460



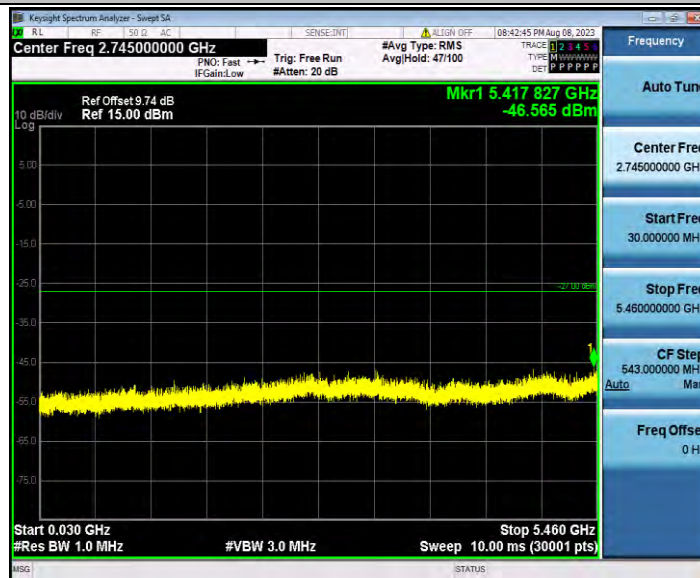
11N40SISO_Ant1_5510_5735~40000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~40000



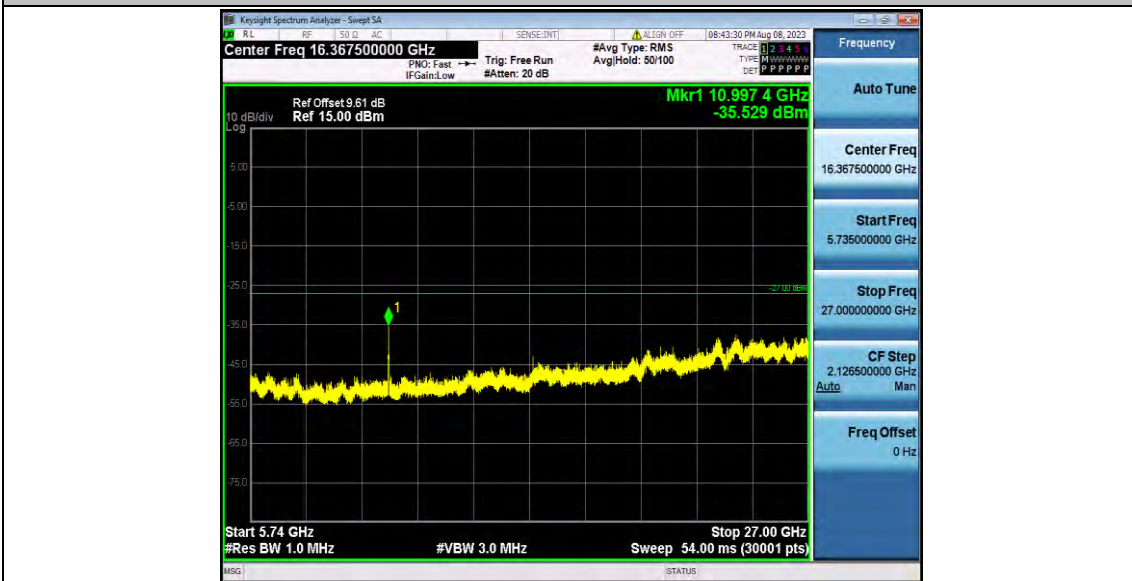
11N40SISO_Ant1_5670_30~5460



11N40SISO_Ant1_5670_5735~40000



11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~40000



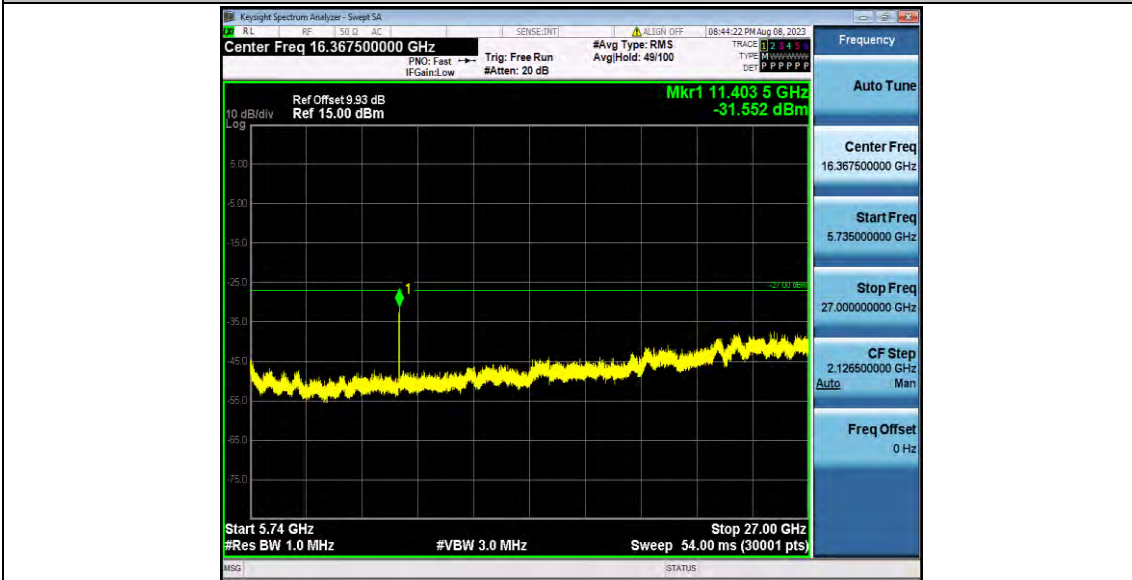
11AC20SISO_Ant1_5600_30~5460



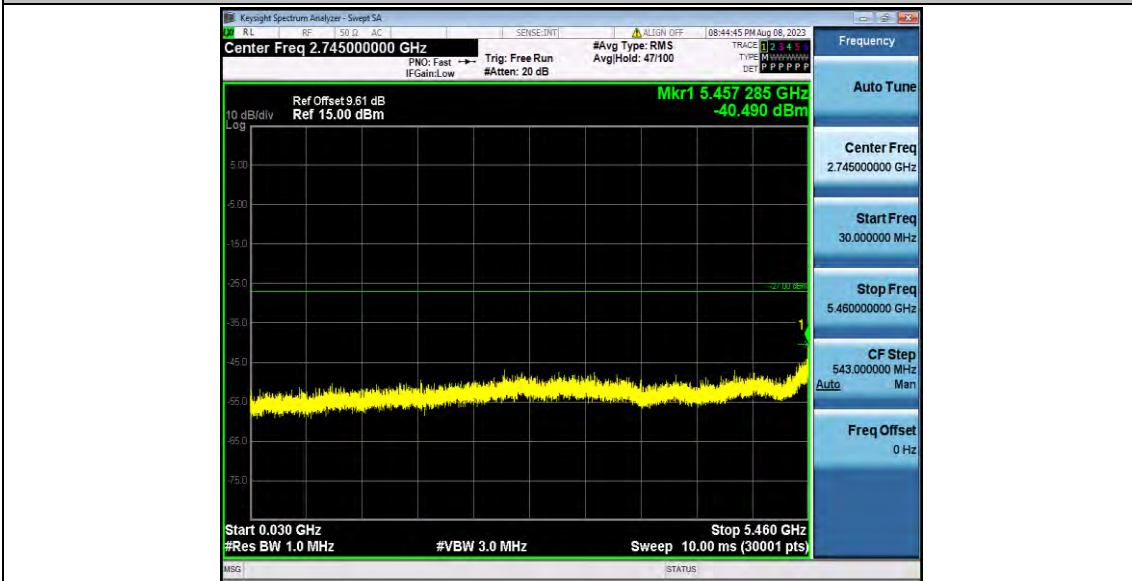
11AC20SISO_Ant1_5600_5735~40000



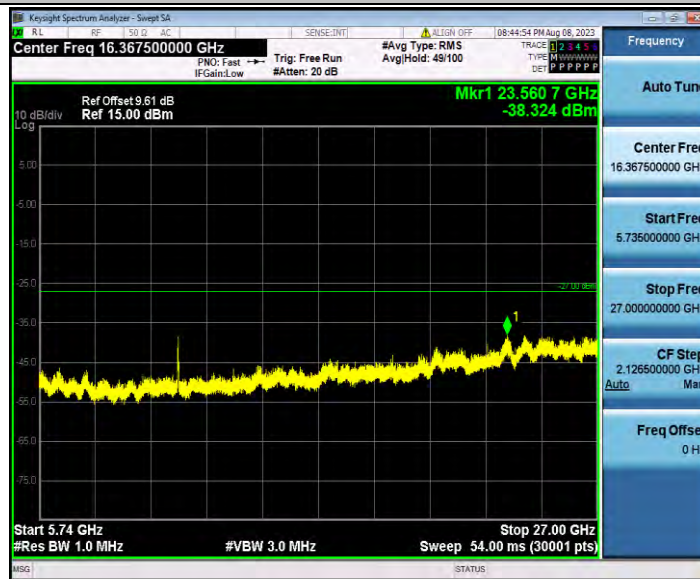
11AC20SISO_Ant1_5700_30~5460



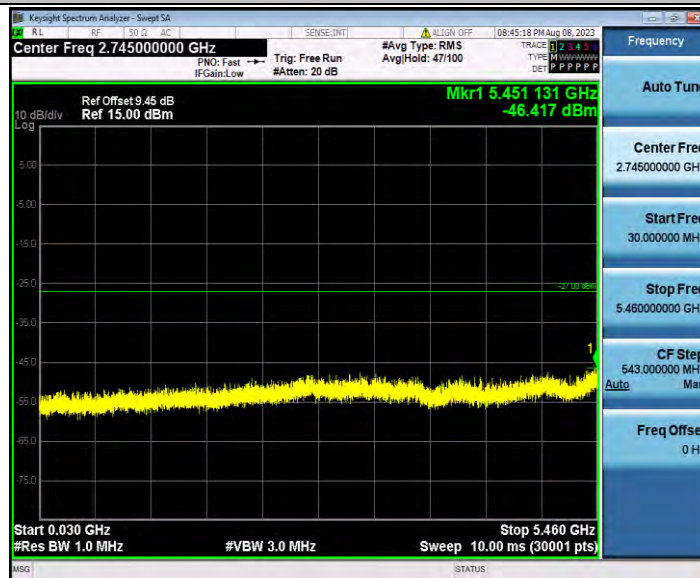
11AC20SISO_Ant1_5700_5735~40000



11AC40SISO_Ant1_5510_30~5460



11AC40SISO_Ant1_5510_5735~40000



11AC40SISO_Ant1_5590_30~5460



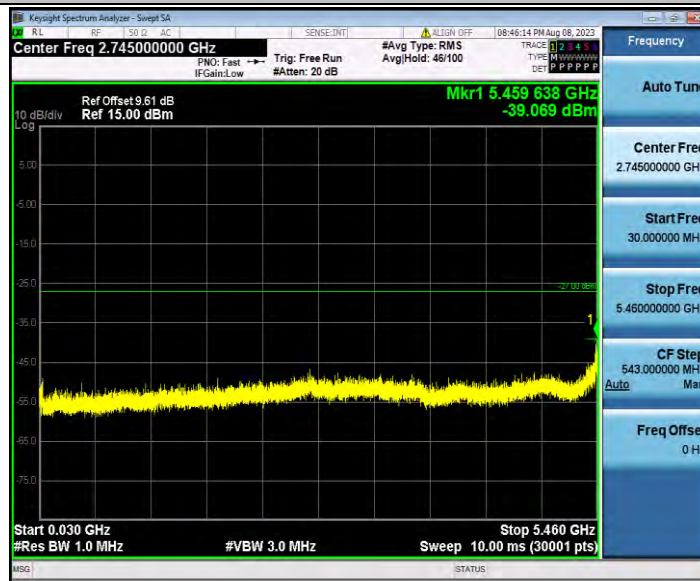
11AC40SISO_Ant1_5590_5735~4000



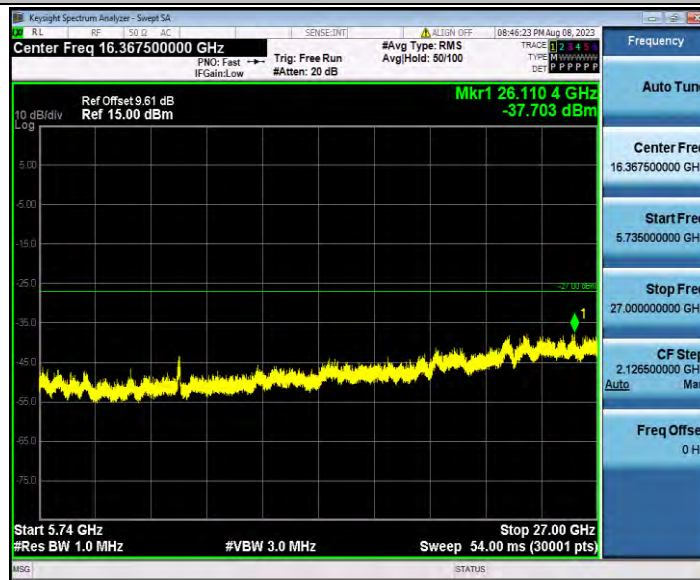
11AC40SISO_Ant1_5670_30~5460



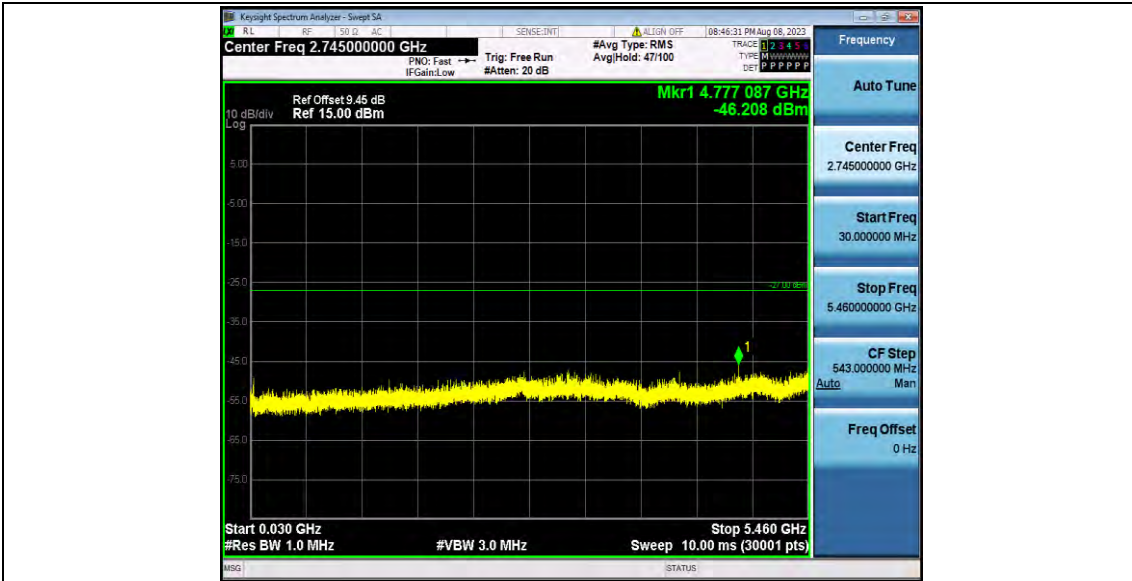
11AC40SISO_Ant1_5670_5735~40000



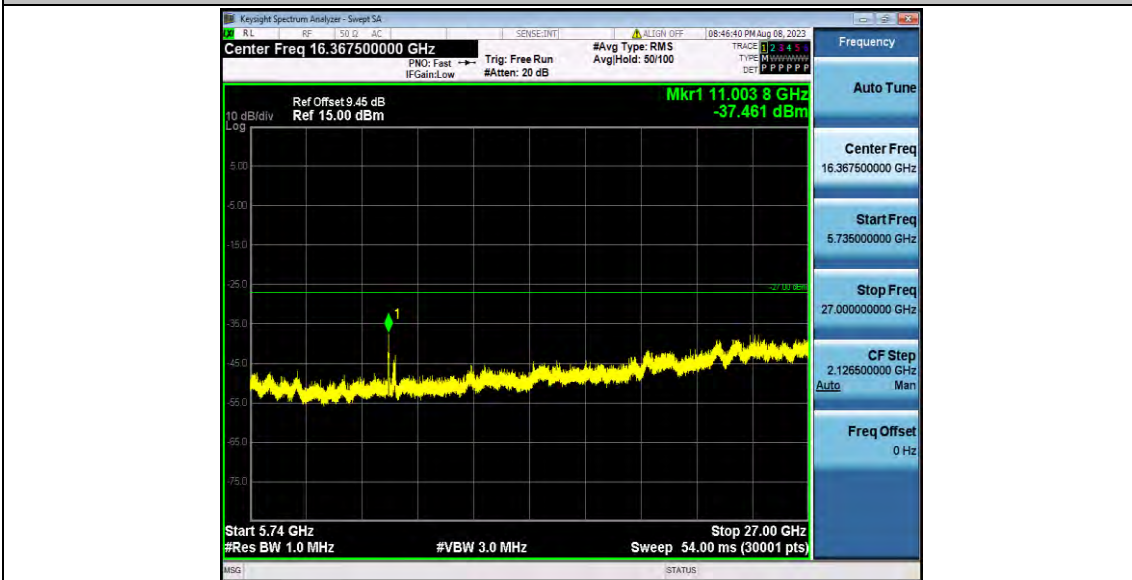
11AC80SISO_Ant1_5530_30~5460



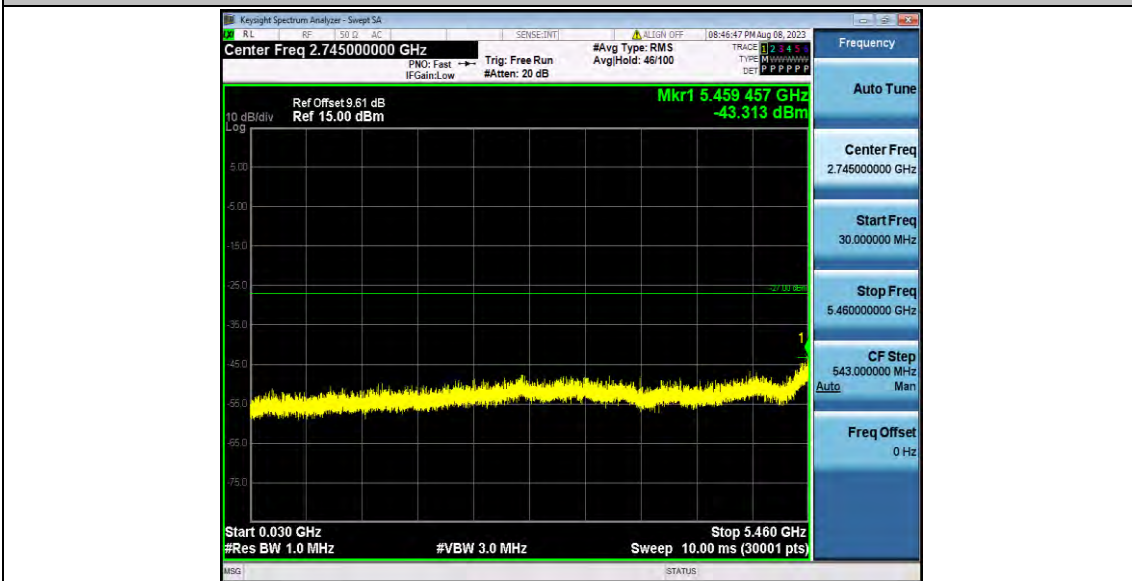
11AC80SISO_Ant1_5530_5735~40000



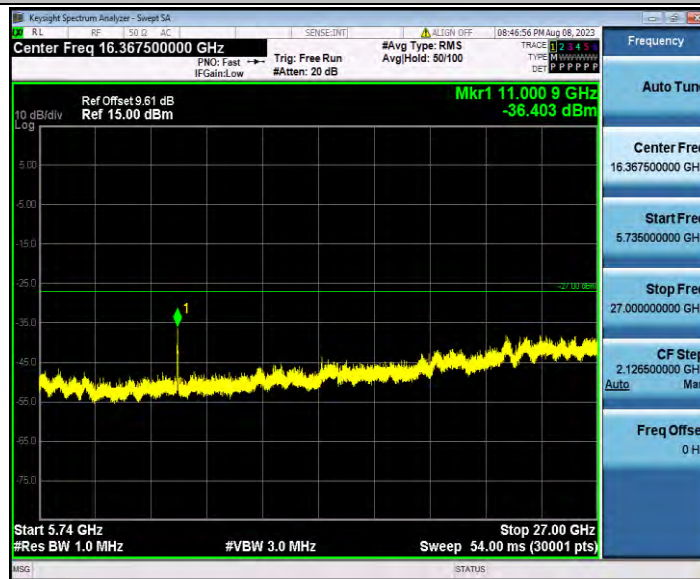
11AC80SISO_Ant1_5610_30~5460



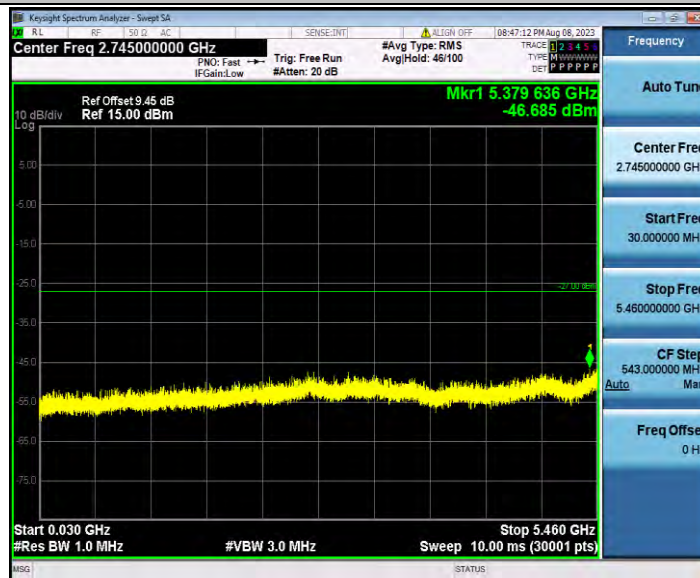
11AC80SISO_Ant1_5610_5735~40000



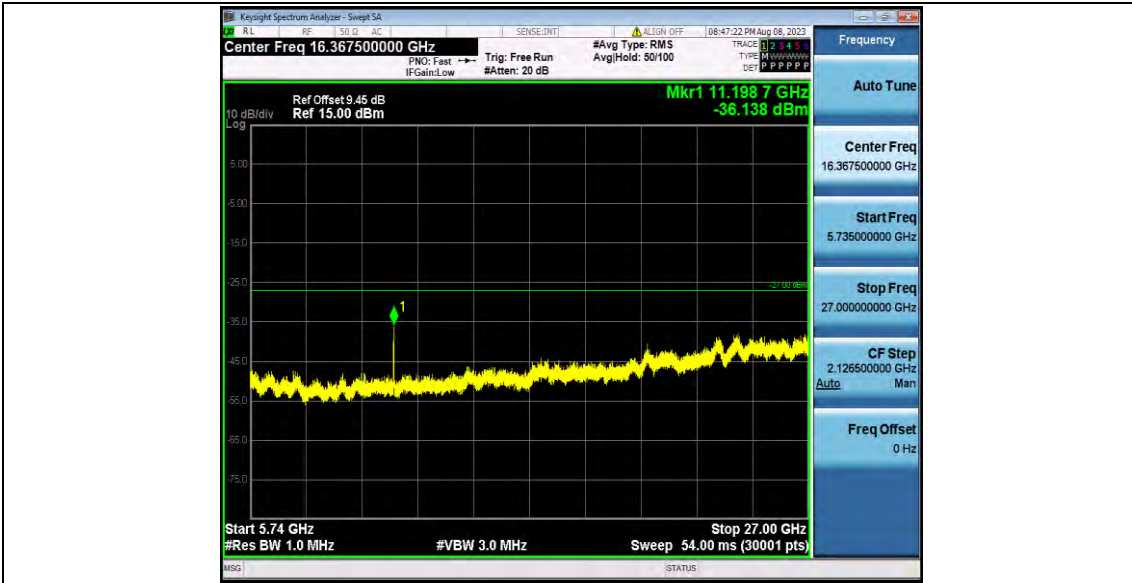
11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~40000



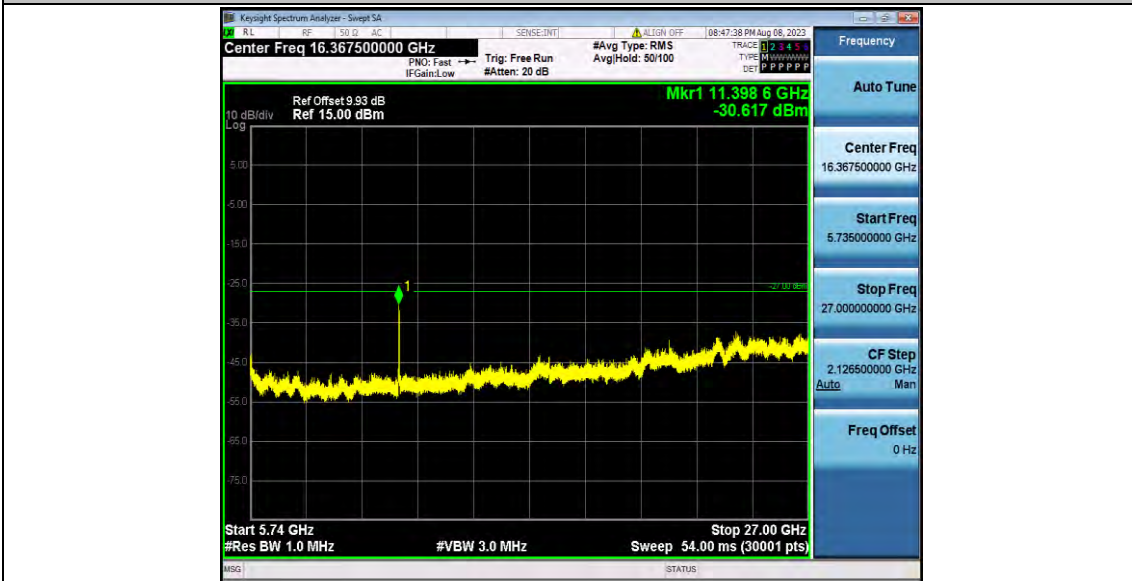
11AX20SISO_Ant1_5600_30~5460



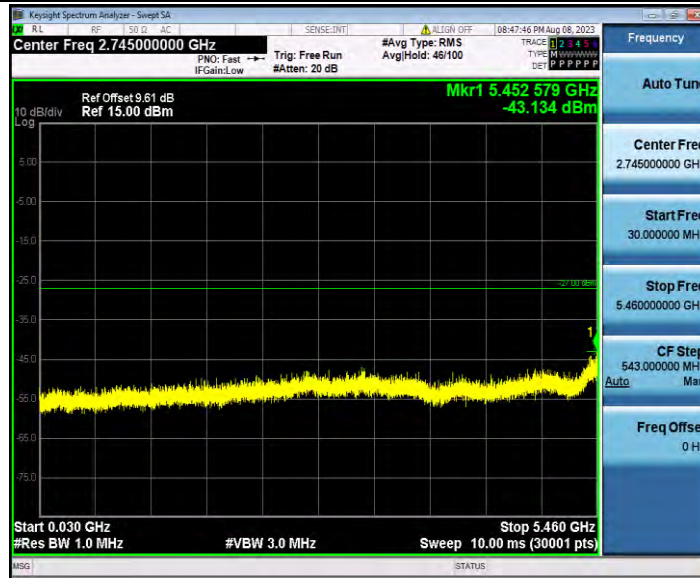
11AX20SISO_Ant1_5600_5735~4000



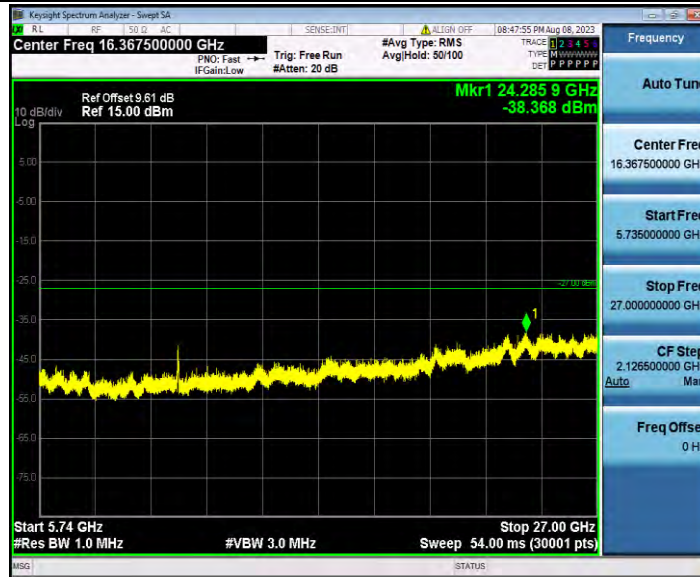
11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~40000



11AX40SISO_Ant1_5510_30~5460



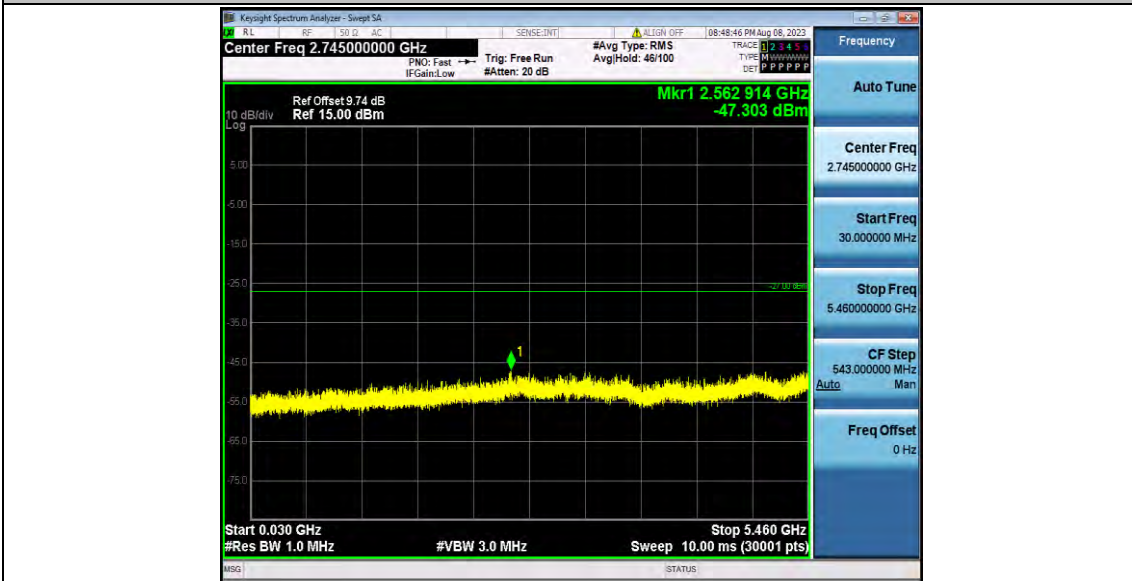
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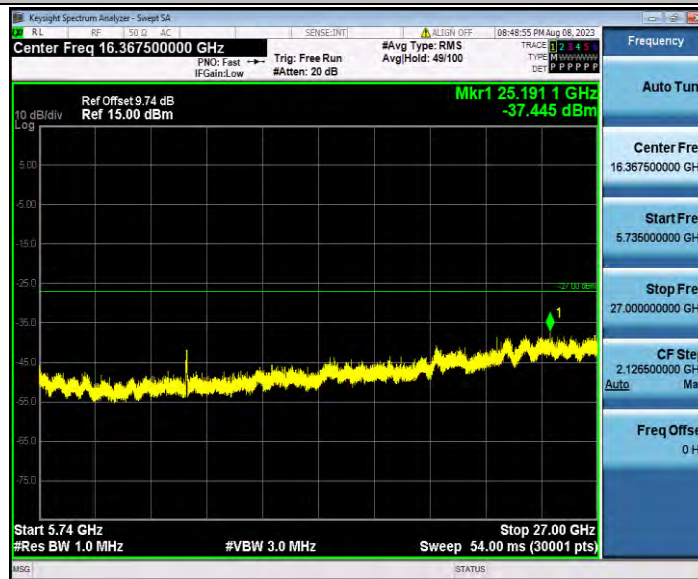
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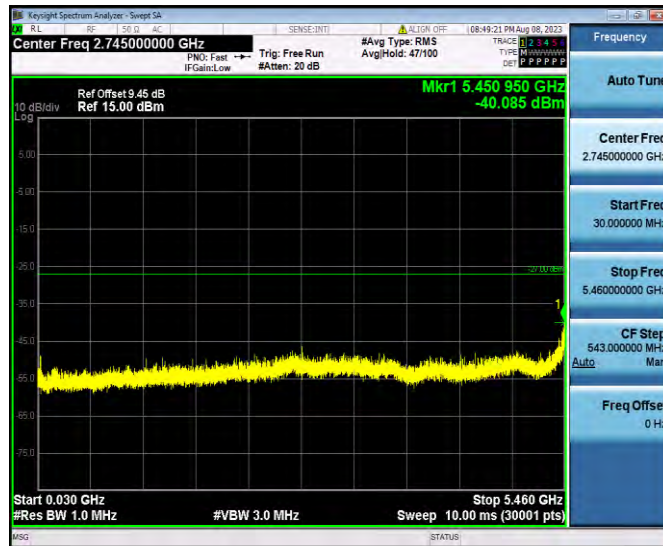
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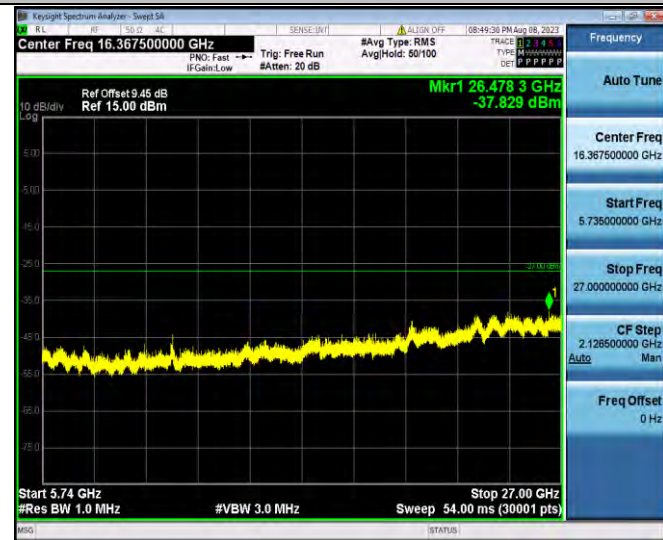
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11AX80SISO_Ant1_5530_5735~4000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~4000