

Appendix F.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	5.53	≤11.00	PASS
		5600	3.68	≤11.00	PASS
		5700	2.05	≤11.00	PASS
11N20SISO	Ant1	5500	6.55	≤11.00	PASS
		5600	5.12	≤11.00	PASS
		5700	2.99	≤11.00	PASS
11N40SISO	Ant1	5510	1.62	≤11.00	PASS
		5590	1.46	≤11.00	PASS
		5670	0.39	≤11.00	PASS
11AC20SISO	Ant1	5500	5.52	≤11.00	PASS
		5600	3.99	≤11.00	PASS
		5700	2.99	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.22	≤11.00	PASS
		5590	-0.59	≤11.00	PASS
		5670	-2.16	≤11.00	PASS
11AC80SISO	Ant1	5530	-1.87	≤11.00	PASS
		5610	-7.33	≤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



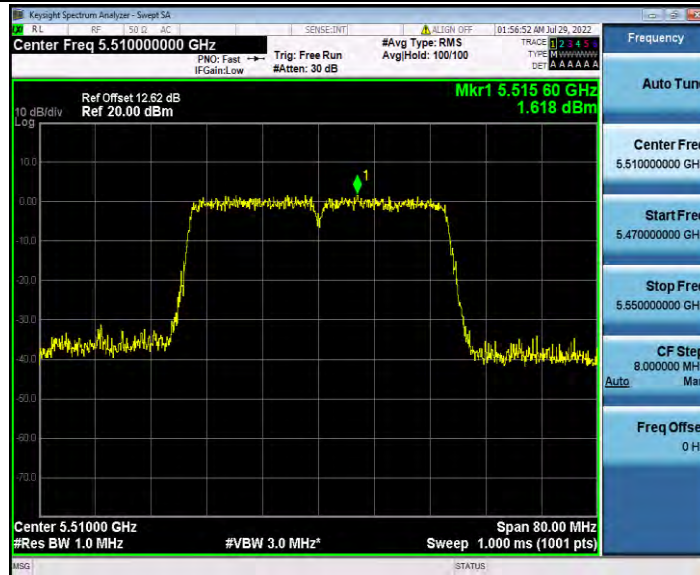
11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



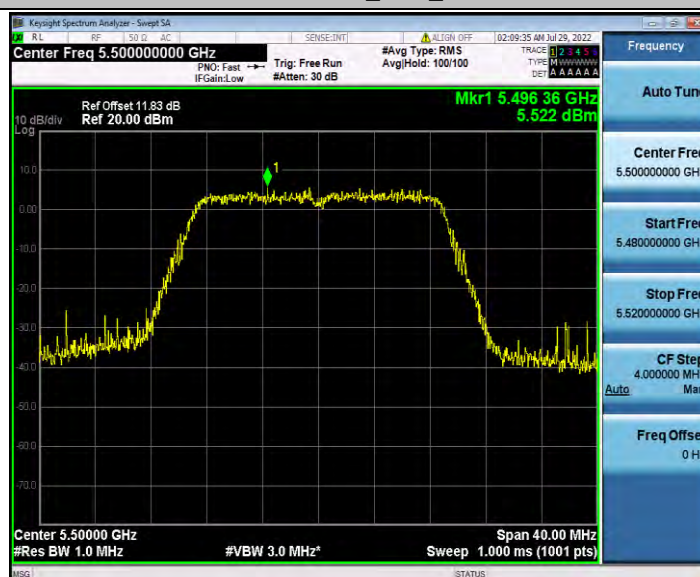
11N40SISO_Ant1_5590



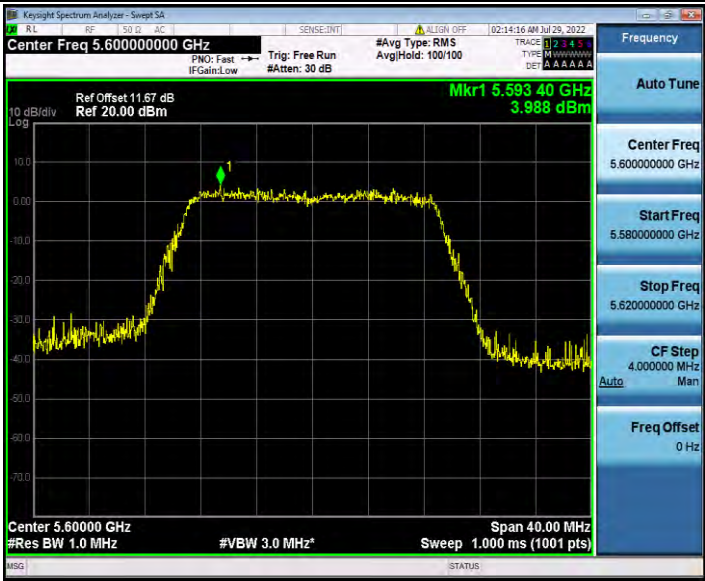
11N40SISO_Ant1_5670



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.5: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.99	≤-27	PASS
		High	5700	-37.18	≤-27	PASS
11N20SISO	Ant1	Low	5500	-37.69	≤-27	PASS
		High	5700	-35.94	≤-27	PASS
11N40SISO	Ant1	Low	5510	-37.31	≤-27	PASS
		High	5670	-37.07	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-36.48	≤-27	PASS
		High	5700	-36.75	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-37.81	≤-27	PASS
		High	5670	-37.37	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-37.92	≤-27	PASS
		High	5610	-38.02	≤-27	PASS

Test Graphs B3

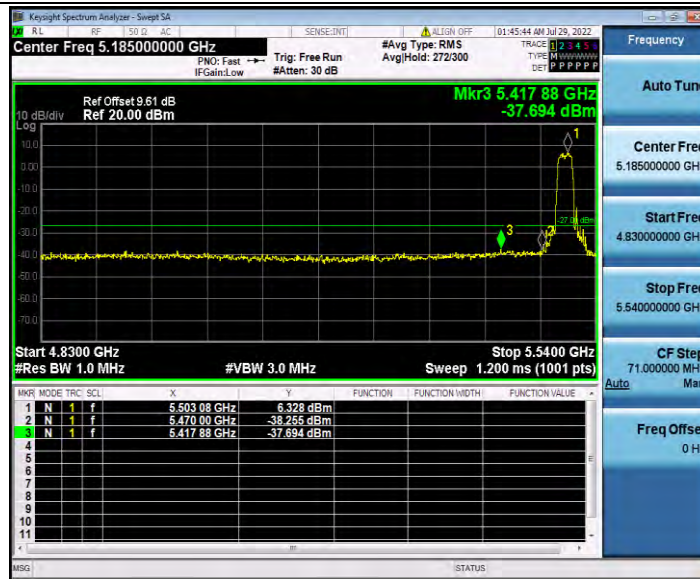
11A_Ant1_Low_5500



11A_Ant1_High_5700



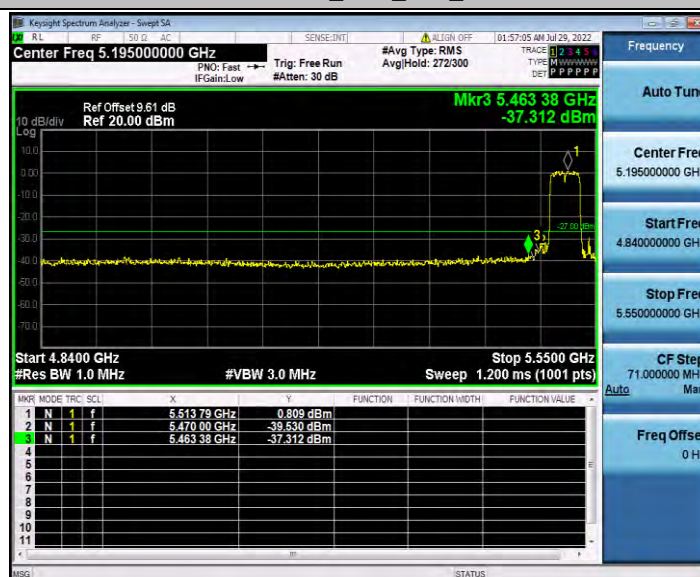
11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



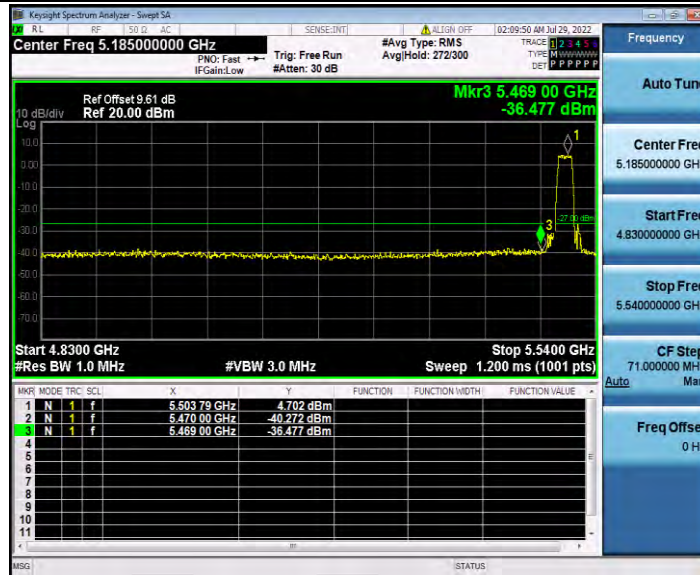
11N40SISO_Ant1_Low_5510



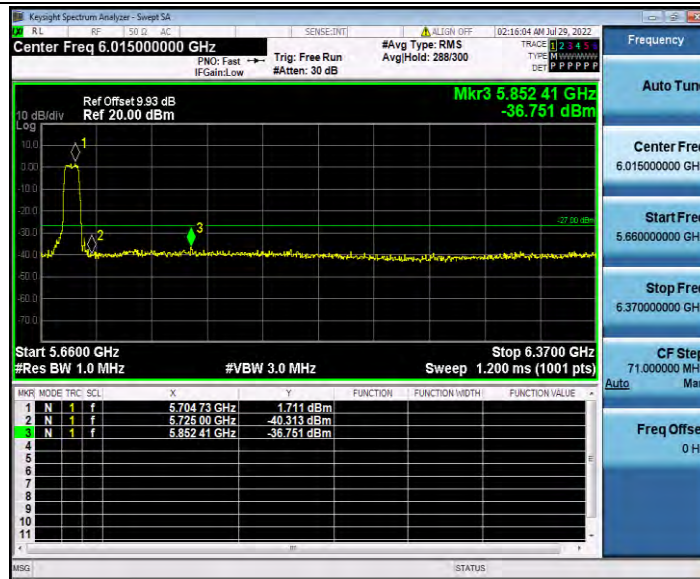
11N40SISO_Ant1_High_5670



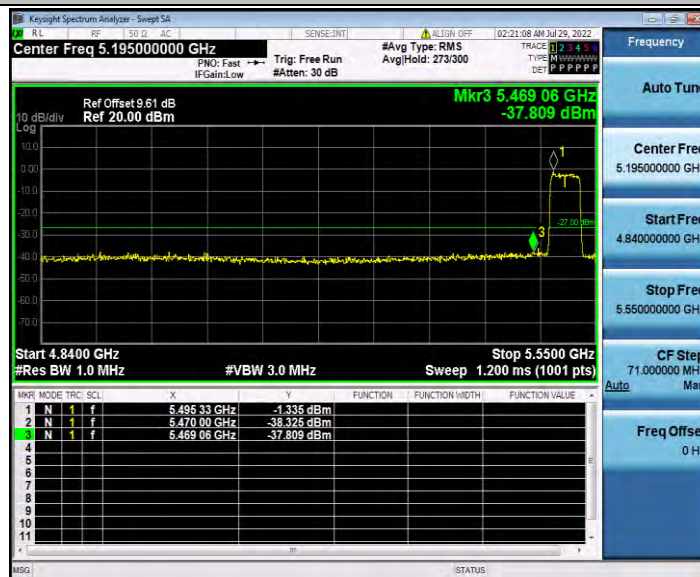
11AC20SISO_Ant1_Low_5500



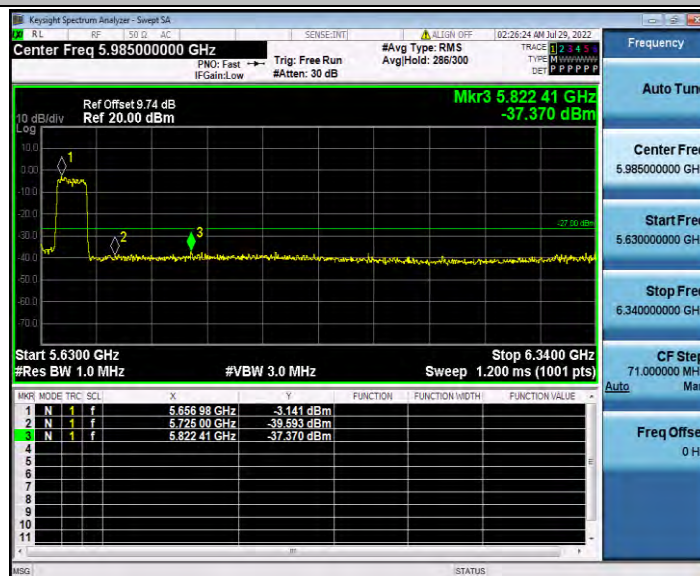
11AC20SISO_Ant1_High_5700



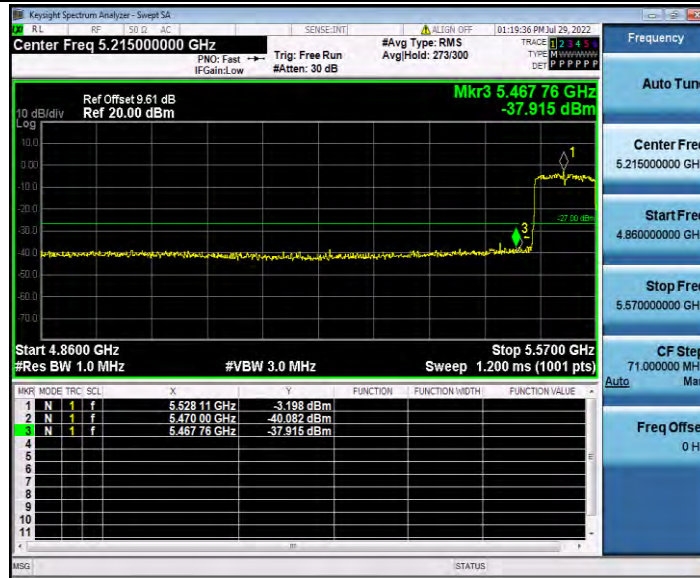
11AC40SISO_Ant1_Low_5510



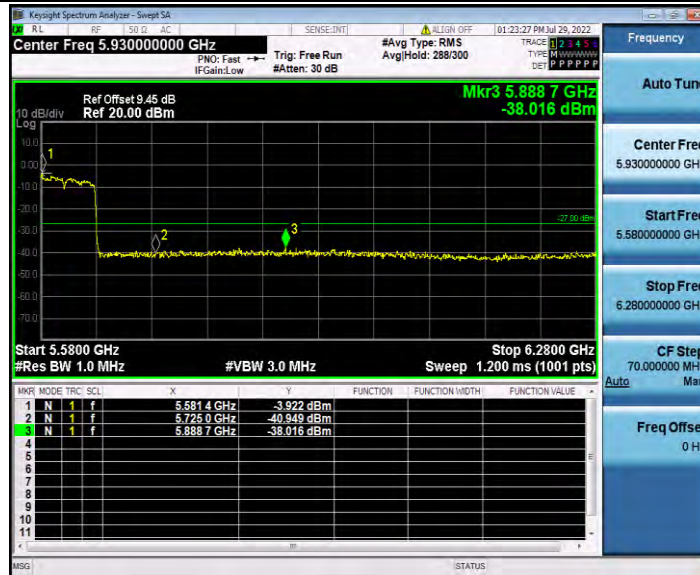
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



Appendix F.6: Conducted Spurious Emission

Test Result

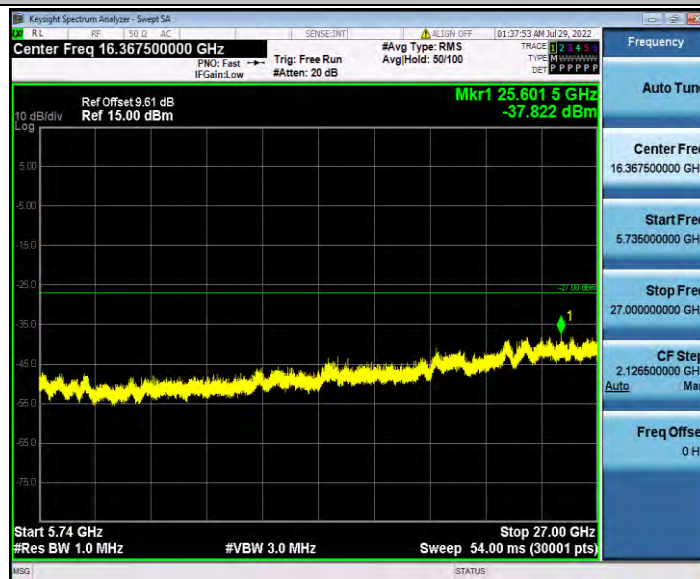
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5418.91	-43.31	≤-27	PASS
			5735~40000	25601.47	-37.82	≤-27	PASS
		5600	30~5460	41.22	-45.33	≤-27	PASS
			5735~40000	24273.83	-36.88	≤-27	PASS
		5700	30~5460	39.96	-42.88	≤-27	PASS
			5735~40000	24235.55	-37.94	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5455.29	-41.17	≤-27	PASS
			5735~40000	23541.6	-37.79	≤-27	PASS
		5600	30~5460	2408.7	-45.12	≤-27	PASS
			5735~40000	23511.83	-38.29	≤-27	PASS
		5700	30~5460	2409.79	-44.61	≤-27	PASS
			5735~40000	23566.41	-37.59	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5453.67	-44.36	≤-27	PASS
			5735~40000	24889.8	-37.89	≤-27	PASS
		5590	30~5460	40.5	-45.18	≤-27	PASS
			5735~40000	26068.59	-38.16	≤-27	PASS
		5670	30~5460	833.82	-43.62	≤-27	PASS
			5735~40000	24110.09	-38.24	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	834	-40.54	≤-27	PASS
			5735~40000	24258.23	-37.21	≤-27	PASS
		5600	30~5460	40.32	-45.27	≤-27	PASS
			5735~40000	24236.26	-37.44	≤-27	PASS
		5700	30~5460	2446.17	-40.92	≤-27	PASS
			5735~40000	24259.65	-37.91	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	833.64	-38.92	≤-27	PASS
			5735~40000	24236.26	-37.74	≤-27	PASS
		5590	30~5460	2614.14	-47.2	≤-27	PASS
			5735~40000	24261.07	-37.96	≤-27	PASS
		5670	30~5460	5337.64	-46.56	≤-27	PASS
			5735~40000	24913.19	-37.32	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5439.55	-42.43	≤-27	PASS
			5735~40000	24286.59	-37.62	≤-27	PASS
		5610	30~5460	5394.66	-46.33	≤-27	PASS
			5735~40000	24255.4	-38.09	≤-27	PASS

Test Graphs

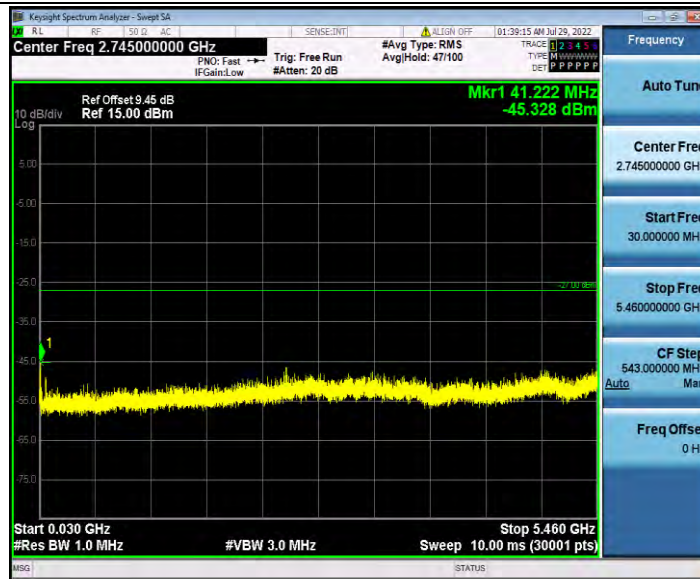
11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~40000



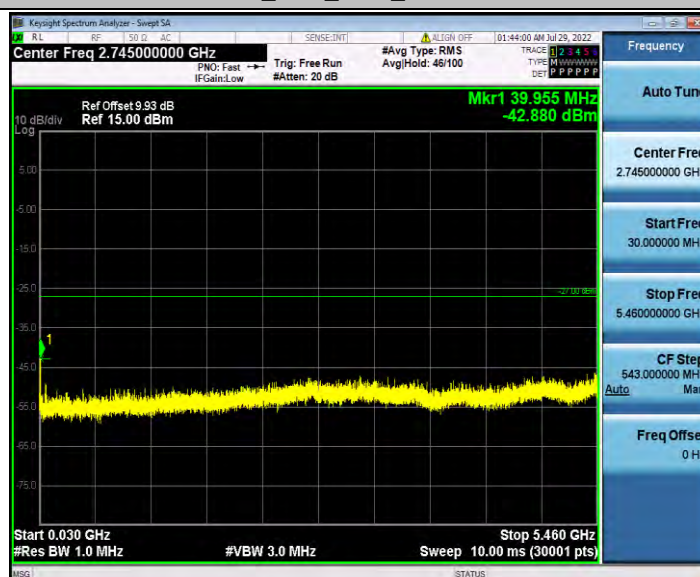
11A_Ant1_5600_30~5460



11A_Ant1_5600_5735~40000



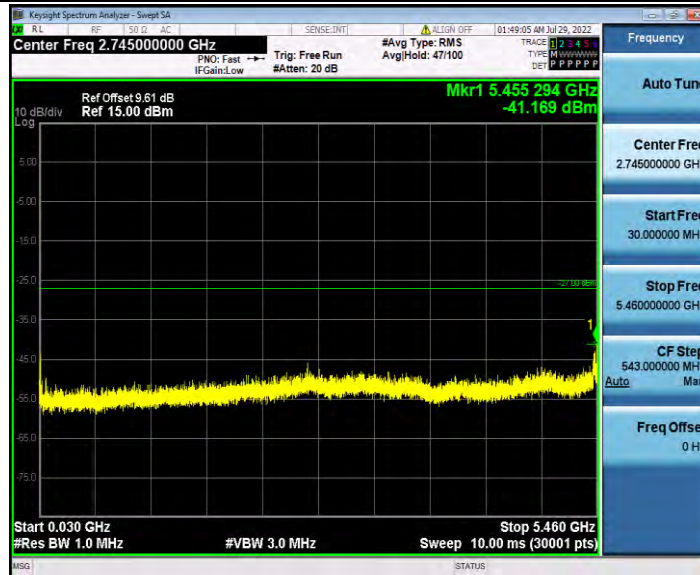
11A_Ant1_5700_30~5460



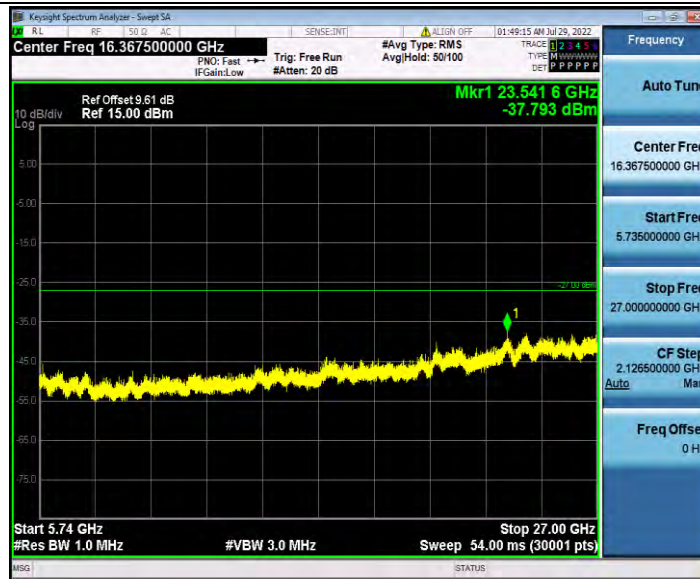
11A_Ant1_5700_5735~40000



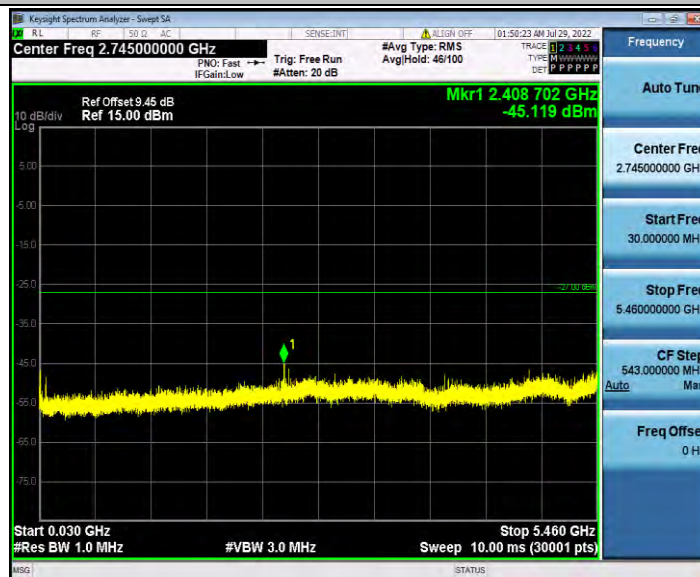
11N20SISO_Ant1_5500_30~5460



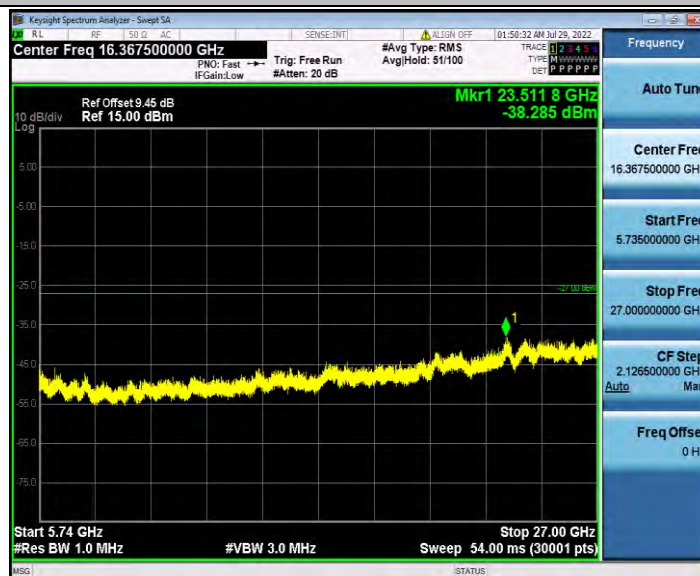
11N20SISO_Ant1_5500_5735~40000



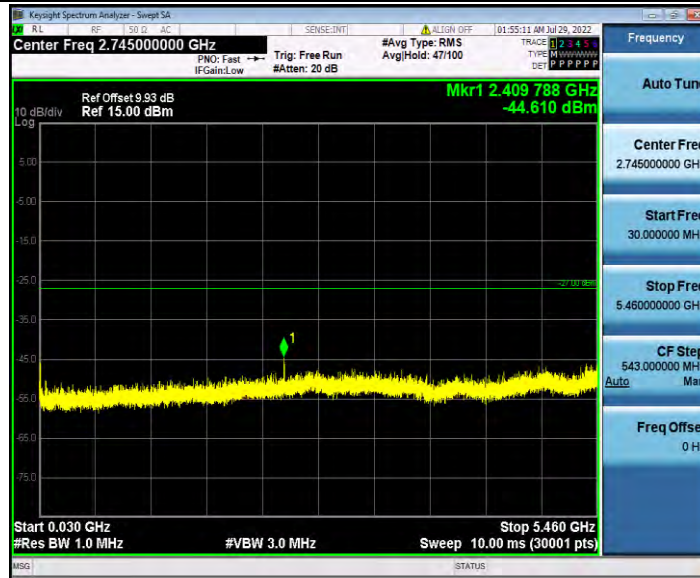
11N20SISO_Ant1_5600_30~5460



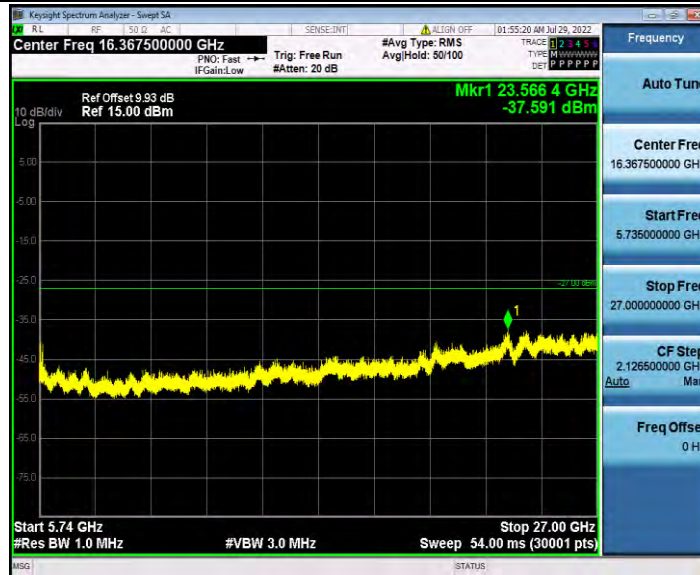
11N20SISO_Ant1_5600_5735~40000



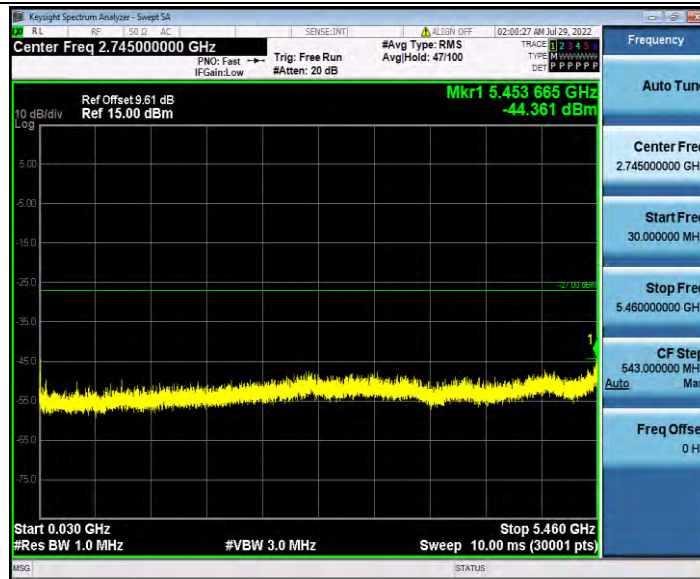
11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~40000



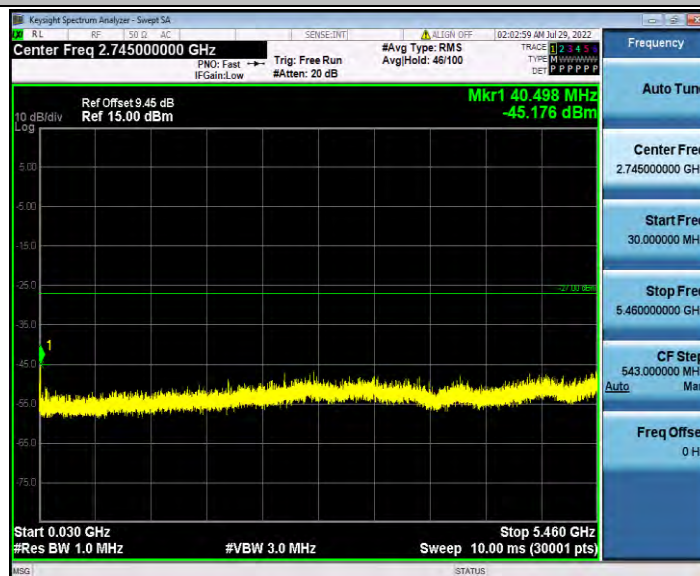
11N40SISO_Ant1_5510_30~5460



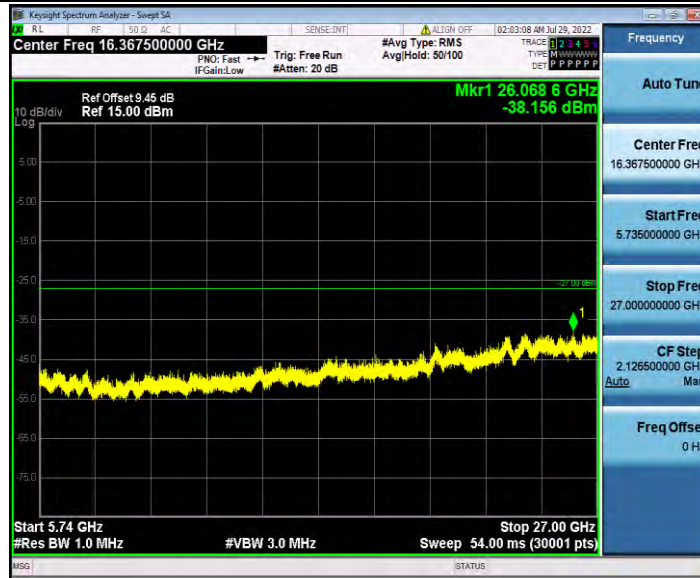
11N40SISO_Ant1_5510_5735~40000



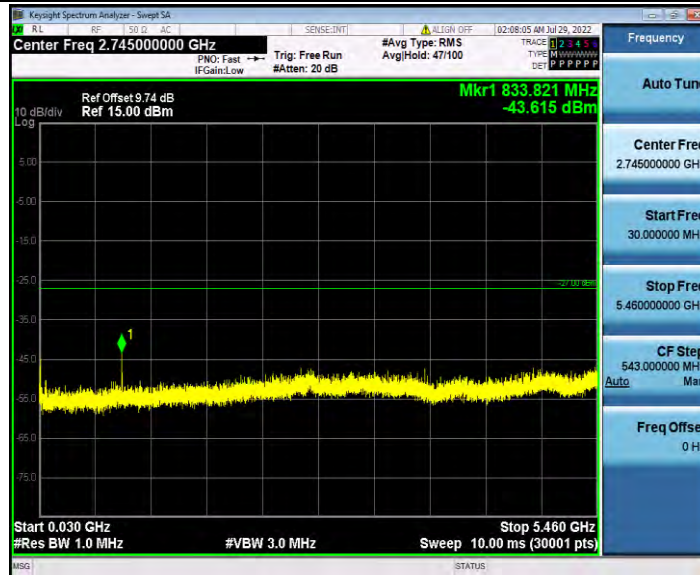
11N40SISO_Ant1_5590_30~5460



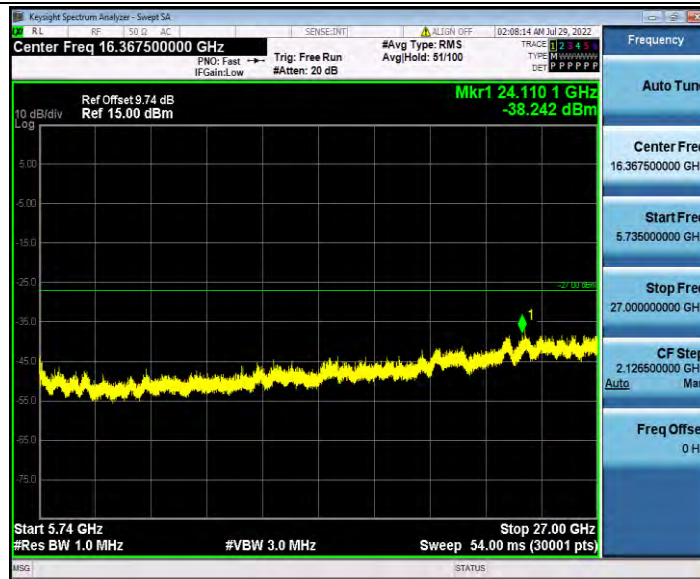
11N40SISO_Ant1_5590_5735~40000



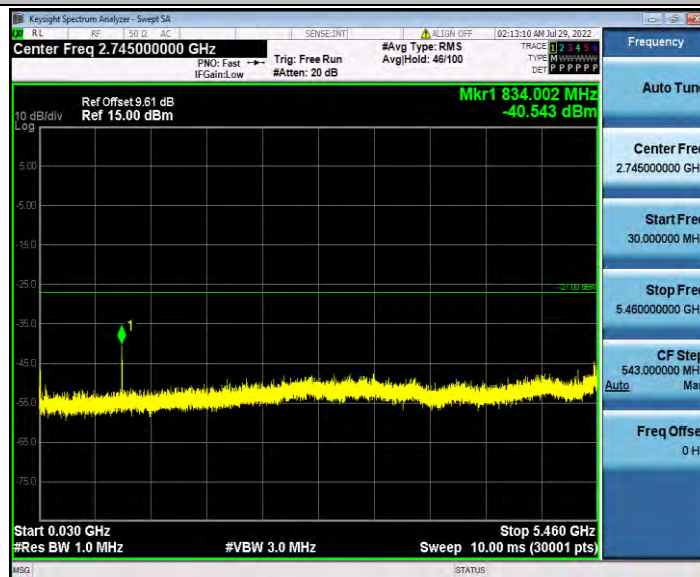
11N40SISO_Ant1_5670_30~5460



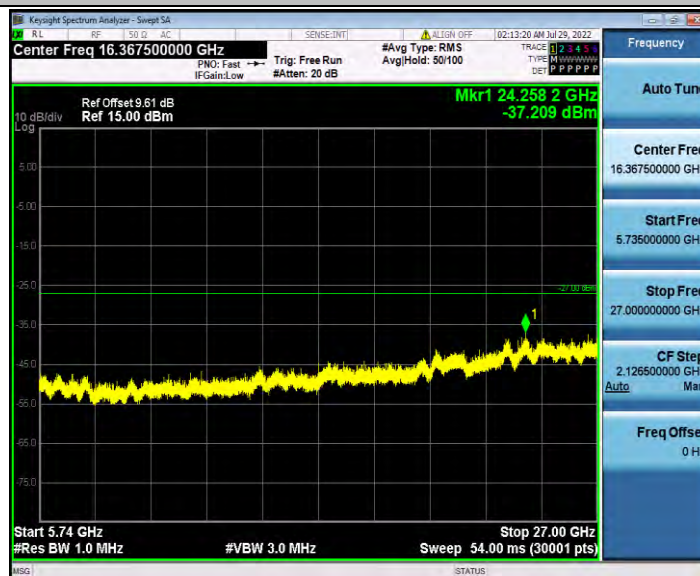
11N40SISO_Ant1_5670_5735~40000



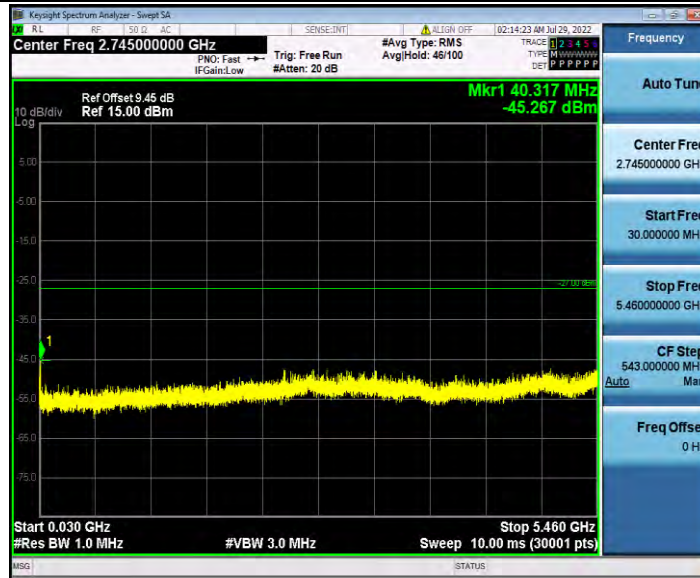
11AC20SISO_Ant1_5500_30~5460



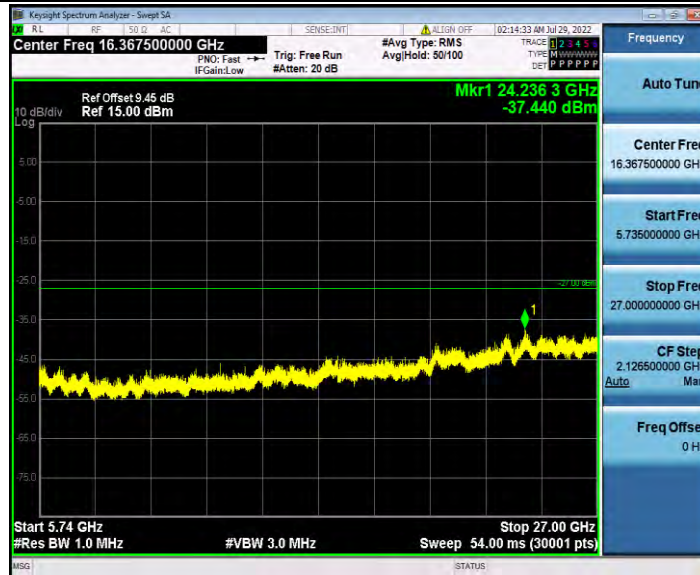
11AC20SISO_Ant1_5500_5735~40000



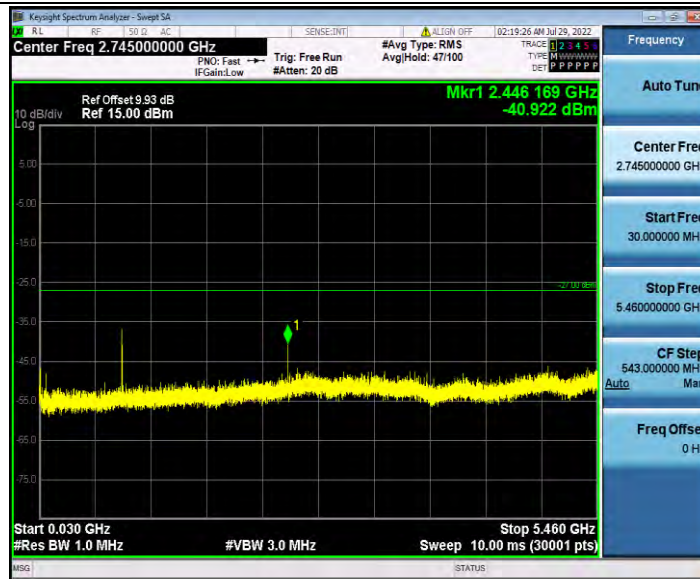
11AC20SISO_Ant1_5600_30~5460



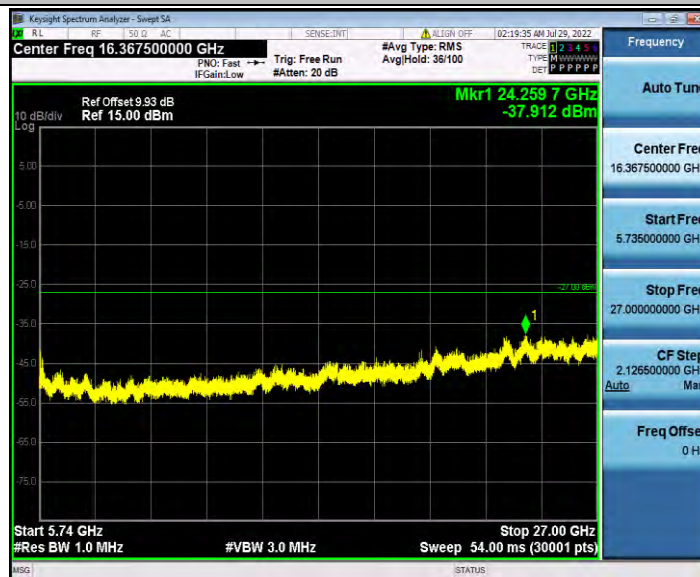
11AC20SISO_Ant1_5600_5735~40000



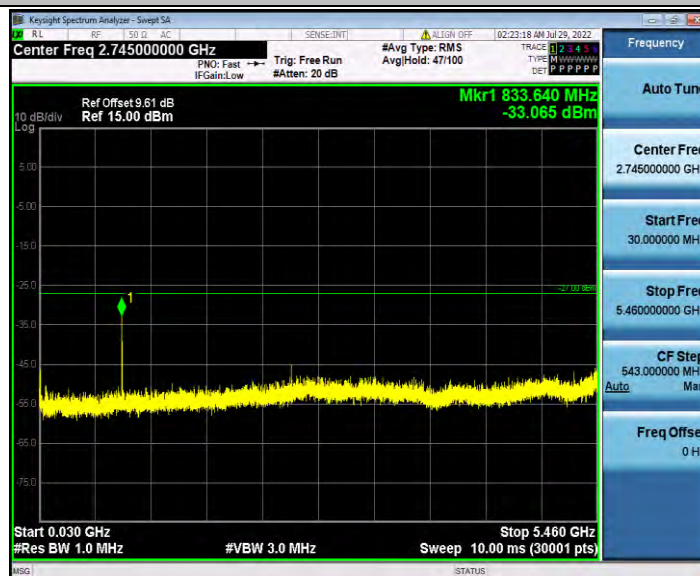
11AC20SISO_Ant1_5700_30~5460



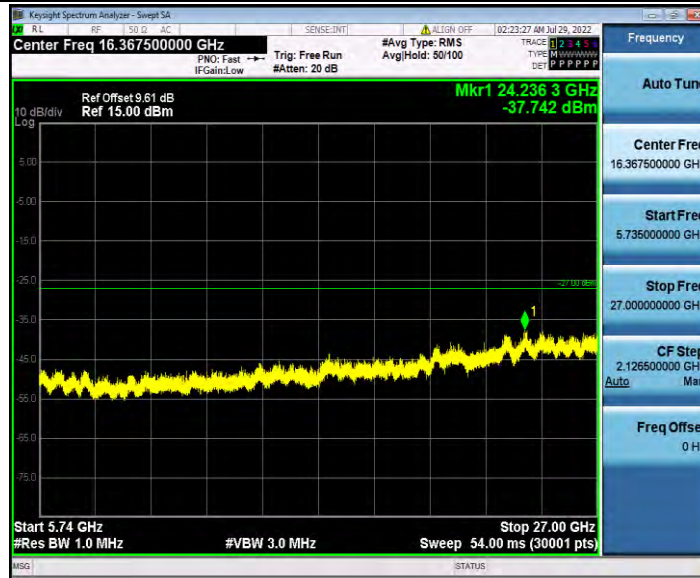
11AC20SISO_Ant1_5700_5735~40000



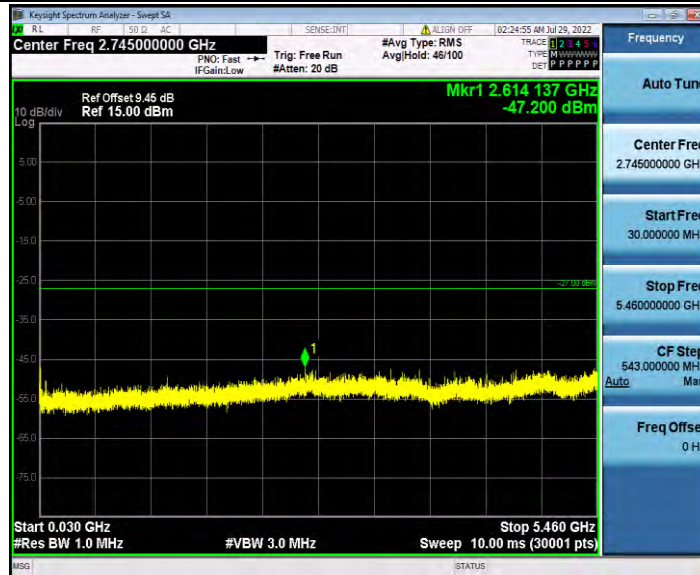
11AC40SISO_Ant1_5510_30~5460



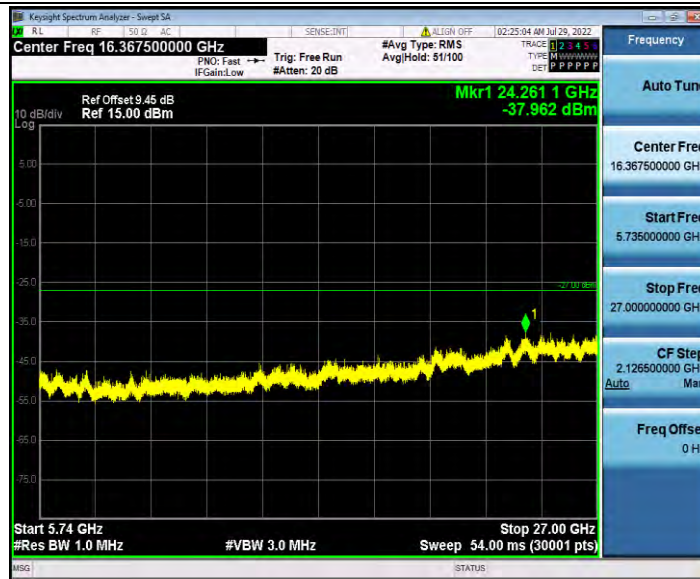
11AC40SISO_Ant1_5510_5735~40000



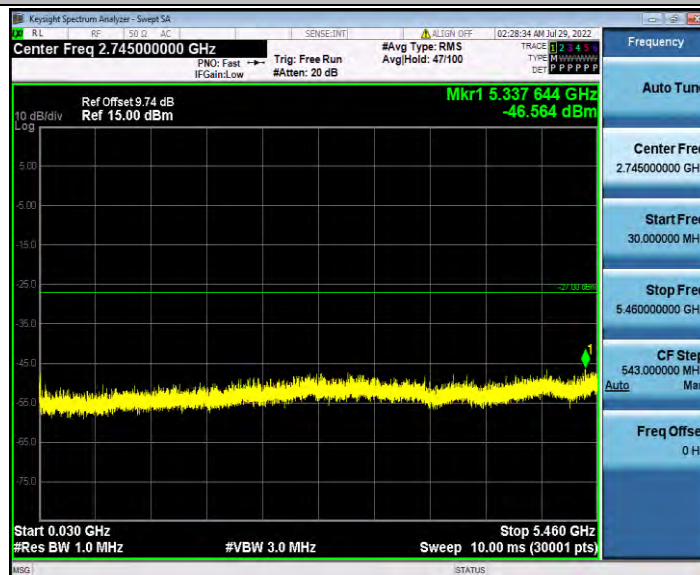
11AC40SISO_Ant1_5590_30~5460



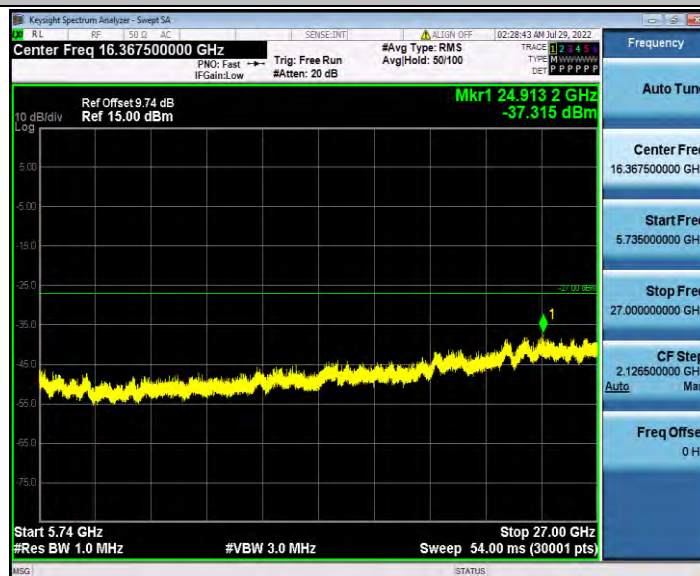
11AC40SISO_Ant1_5590_5735~40000



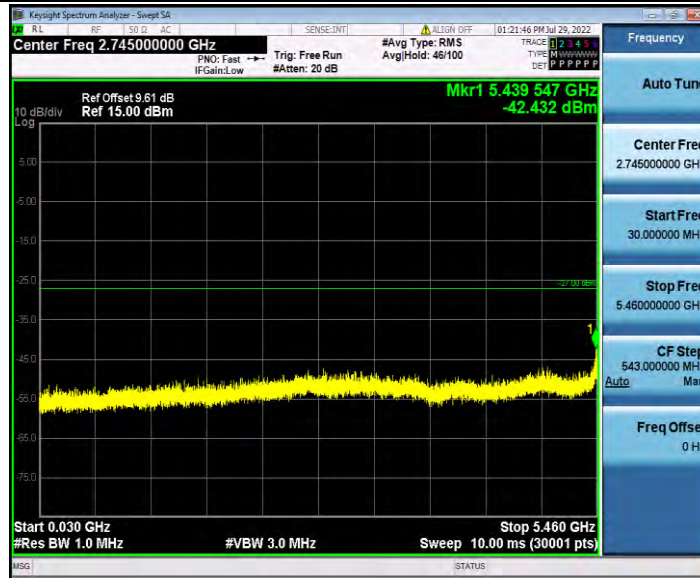
11AC40SISO_Ant1_5670_30~5460



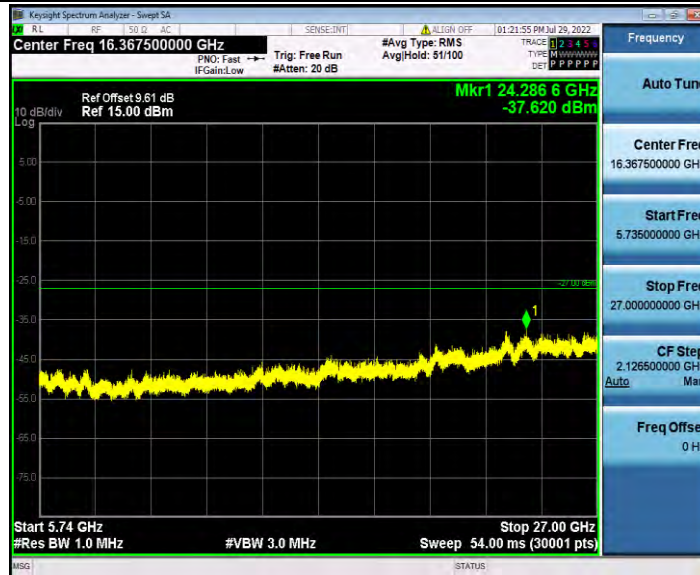
11AC40SISO_Ant1_5670_5735~40000



11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~40000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~40000

