

Appendix A.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	9.46	64.29	1.92	11.38	≤23.98	PASS
		5600	8.66	64.29	1.92	10.58	≤23.98	PASS
		5700	6.88	64.29	1.92	8.80	≤23.98	PASS
11N20SISO	Ant1	5500	9.49	61.54	2.11	11.60	≤23.98	PASS
		5600	8.53	61.54	2.11	10.64	≤23.98	PASS
		5700	6.98	61.54	2.11	9.09	≤23.98	PASS
11N40SISO	Ant1	5510	8.61	50.00	3.01	11.62	≤23.98	PASS
		5590	8.03	45.00	3.47	11.50	≤23.98	PASS
		5670	7.08	50.00	3.01	10.09	≤23.98	PASS
11AC20SISO	Ant1	5500	8.99	60.00	2.22	11.21	≤23.98	PASS
		5600	8.24	60.00	2.22	10.46	≤23.98	PASS
		5700	6.74	60.00	2.22	8.96	≤23.98	PASS
11AC40SISO	Ant1	5510	8.31	47.37	3.24	11.55	≤23.98	PASS
		5590	7.73	42.11	3.76	11.49	≤23.98	PASS
		5670	6.92	47.37	3.24	10.16	≤23.98	PASS
11AC80SISO	Ant1	5530	7.11	37.50	4.26	11.37	≤23.98	PASS
		5610	6.05	37.50	4.26	10.31	≤23.98	PASS

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

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	8.4	≤11.00	PASS
		5600	7.52	≤11.00	PASS
		5700	5.45	≤11.00	PASS
11N20SISO	Ant1	5500	8.61	≤11.00	PASS
		5600	8.12	≤11.00	PASS
		5700	5.59	≤11.00	PASS
11N40SISO	Ant1	5510	6.73	≤11.00	PASS
		5590	6.23	≤11.00	PASS
		5670	5.3	≤11.00	PASS
11AC20SISO	Ant1	5500	8.24	≤11.00	PASS
		5600	7.6	≤11.00	PASS
		5700	5.92	≤11.00	PASS
11AC40SISO	Ant1	5510	6.7	≤11.00	PASS
		5590	6.95	≤11.00	PASS
		5670	4.85	≤11.00	PASS
11AC80SISO	Ant1	5530	4.27	≤11.00	PASS
		5610	3.5	≤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

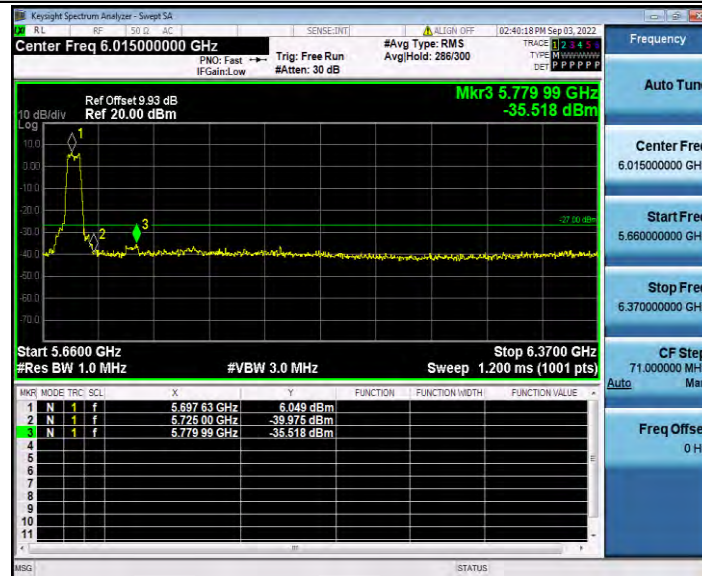
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.83	≤-27	PASS
		High	5700	-35.52	≤-27	PASS
11N20SISO	Ant1	Low	5500	-35.65	≤-27	PASS
		High	5700	-33.41	≤-27	PASS
11N40SISO	Ant1	Low	5510	-30.94	≤-27	PASS
		High	5670	-36.65	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-34.47	≤-27	PASS
		High	5700	-33.78	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-30.93	≤-27	PASS
		High	5670	-36.83	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-32.44	≤-27	PASS
		High	5610	-37.65	≤-27	PASS

Test Graphs B3

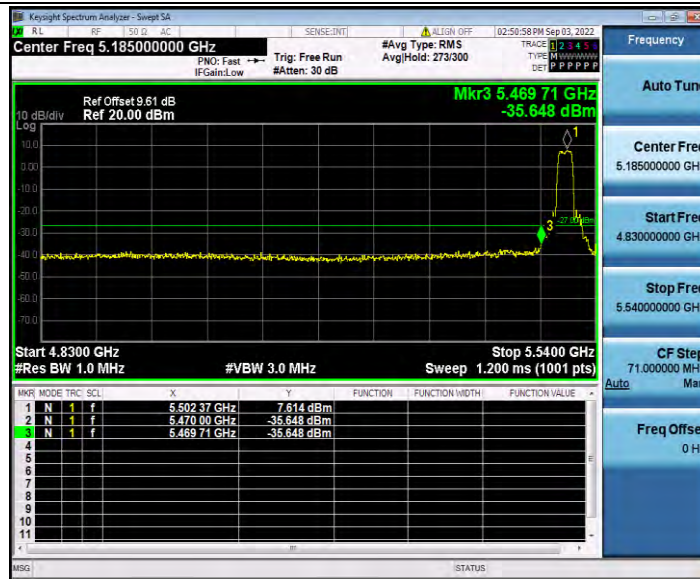
11A_Ant1_Low_5500



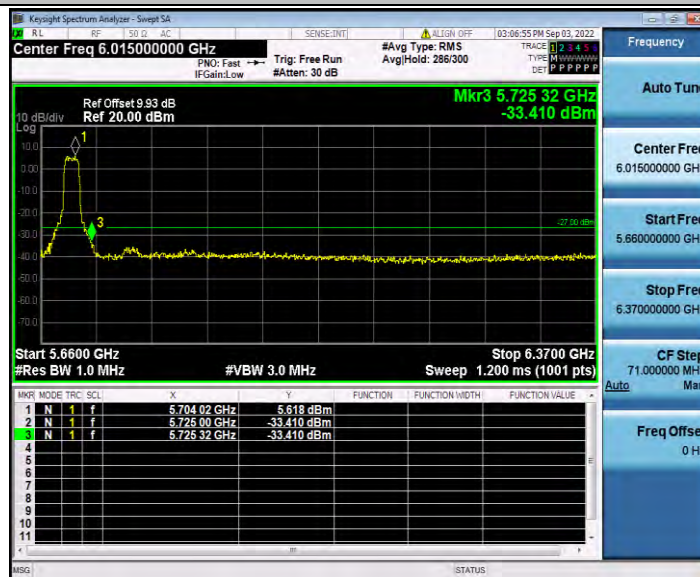
11A_Ant1_High_5700



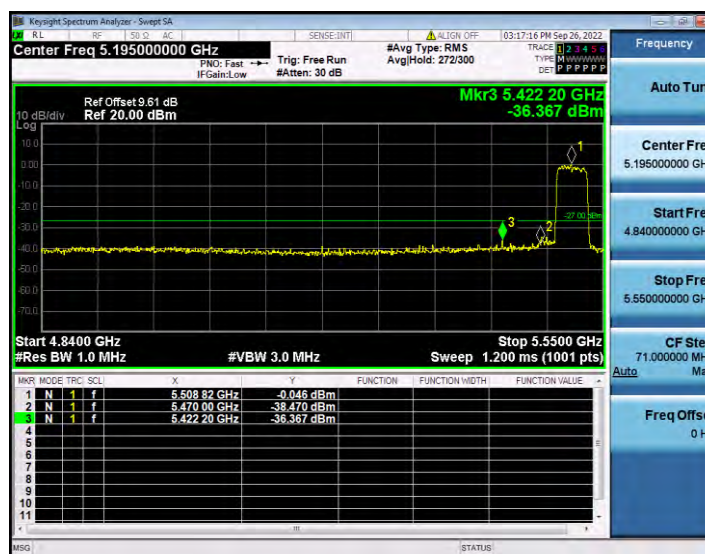
11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



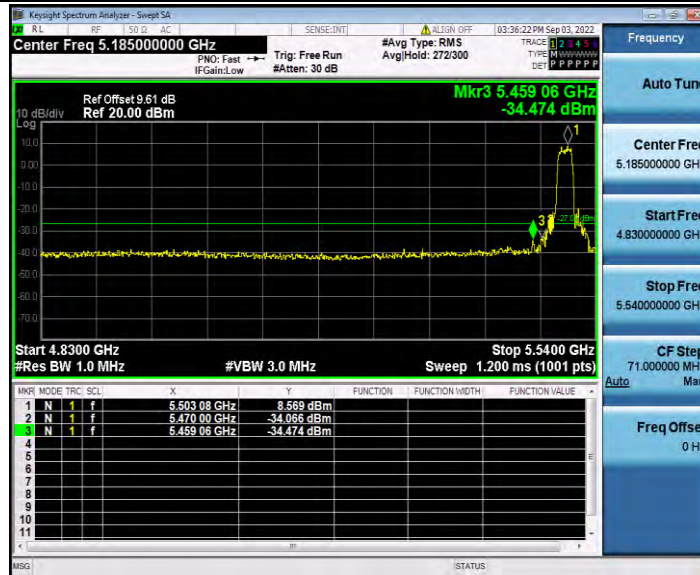
11N40SISO_Ant1_Low_5510



11N40SISO_Ant1_High_5670



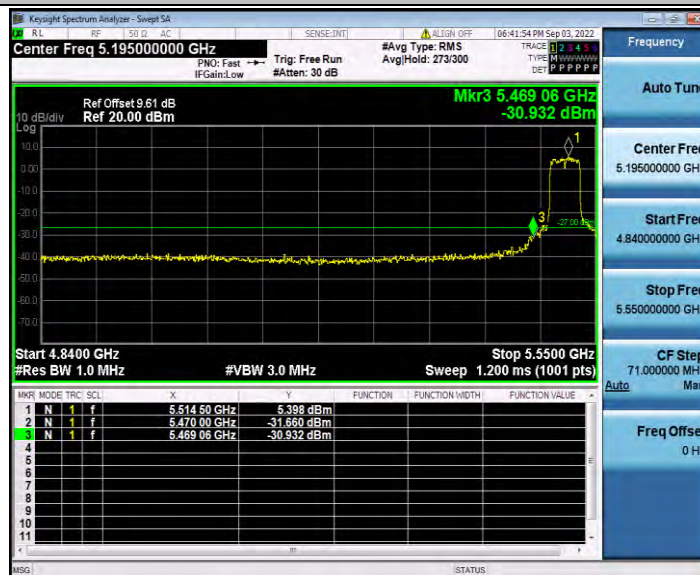
11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



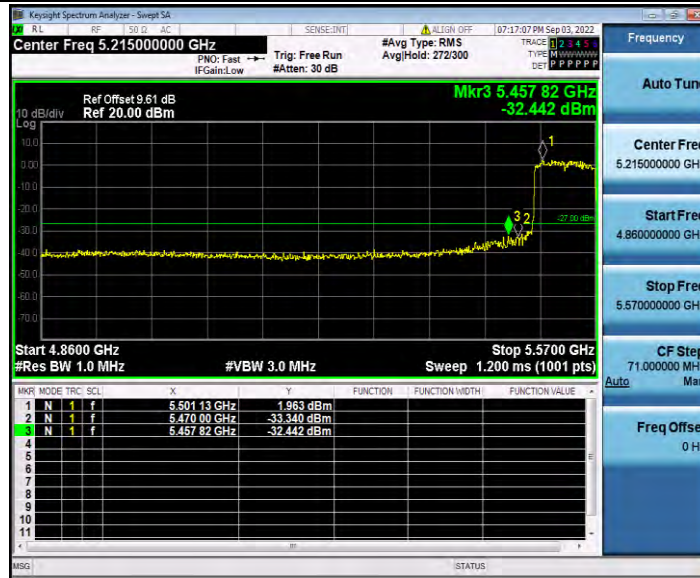
11AC40SISO_Ant1_Low_5510



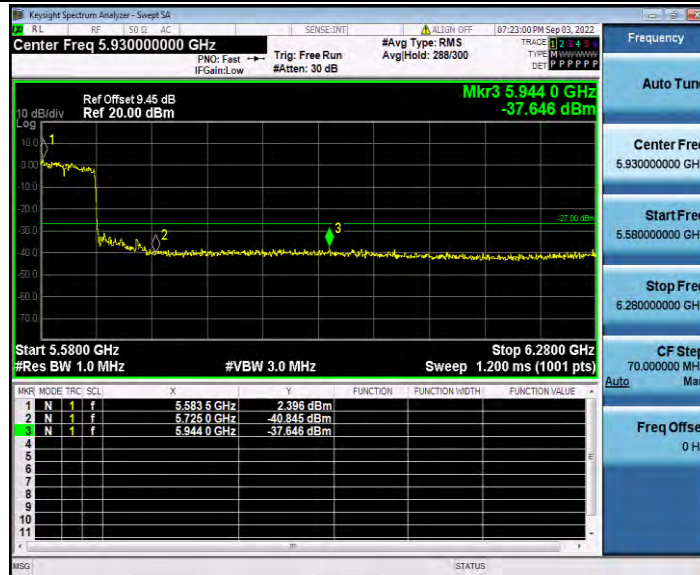
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



Appendix F.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5430.14	-42.13	≤-27	PASS
			5735~40000	25544.06	-37.88	≤-27	PASS
		5600	30~5460	5453.3	-45.81	≤-27	PASS
			5735~40000	26034.57	-37.56	≤-27	PASS
		5700	30~5460	2709.16	-46.85	≤-27	PASS
			5735~40000	25123.01	-36.61	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5458.19	-41.49	≤-27	PASS
			5735~40000	26773.88	-38.41	≤-27	PASS
		5600	30~5460	5455.66	-47.28	≤-27	PASS
			5735~40000	24245.47	-38.35	≤-27	PASS
		5700	30~5460	5408.42	-47.21	≤-27	PASS
			5735~40000	24219.25	-37.04	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5459.1	-35.82	≤-27	PASS
			5735~40000	24201.53	-37.65	≤-27	PASS
		5590	30~5460	5444.25	-46.87	≤-27	PASS
			5735~40000	24183.1	-37.65	≤-27	PASS
		5670	30~5460	2625.18	-46.63	≤-27	PASS
			5735~40000	24300.05	-37.53	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5456.02	-42.59	≤-27	PASS
			5735~40000	26569.03	-38.04	≤-27	PASS
		5600	30~5460	1763.44	-39.66	≤-27	PASS
			5735~40000	26919.19	-38.5	≤-27	PASS
		5700	30~5460	3287.46	-47.52	≤-27	PASS
			5735~40000	23562.16	-37.13	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5459.28	-36.65	≤-27	PASS
			5735~40000	26800.82	-37.84	≤-27	PASS
		5590	30~5460	5377.65	-46.42	≤-27	PASS
			5735~40000	26102.62	-38.28	≤-27	PASS
		5670	30~5460	5424.52	-46.48	≤-27	PASS
			5735~40000	26535.01	-37.81	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5441.36	-33.98	≤-27	PASS
			5735~40000	24739.53	-37.23	≤-27	PASS
		5610	30~5460	5456.74	-43.27	≤-27	PASS
			5735~40000	24204.36	-38.06	≤-27	PASS

Test Graphs

11A_Ant1_5500_30~5460



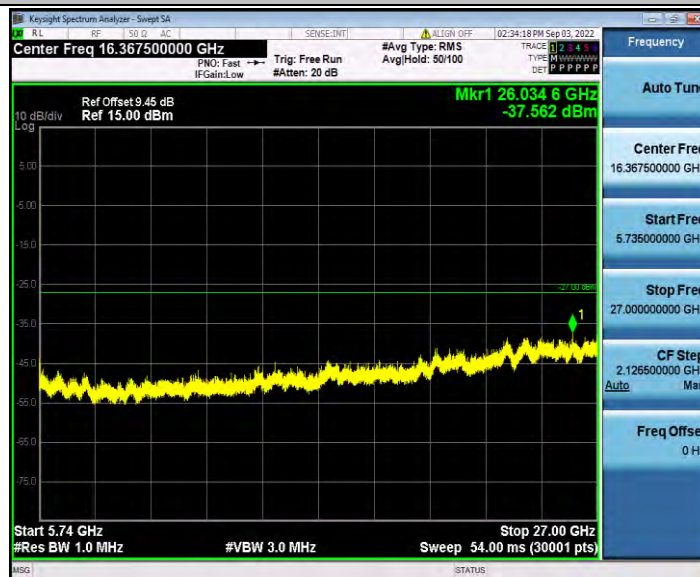
11A_Ant1_5500_5735~40000



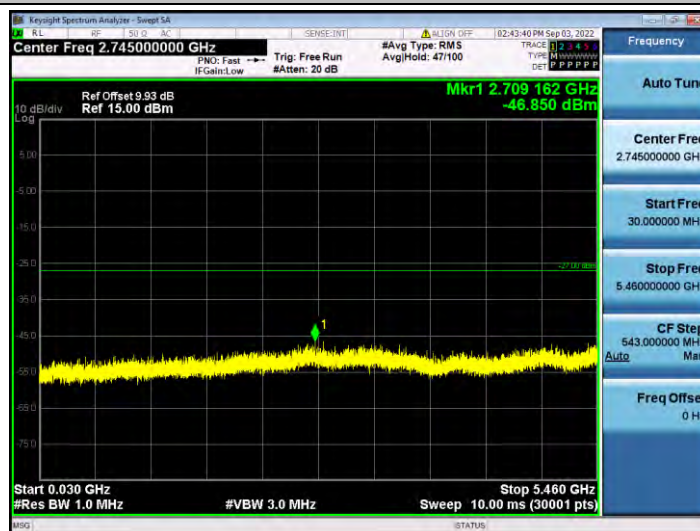
11A_Ant1_5600_30~5460



11A_Ant1_5600_5735~40000



11A_Ant1_5700_30~5460



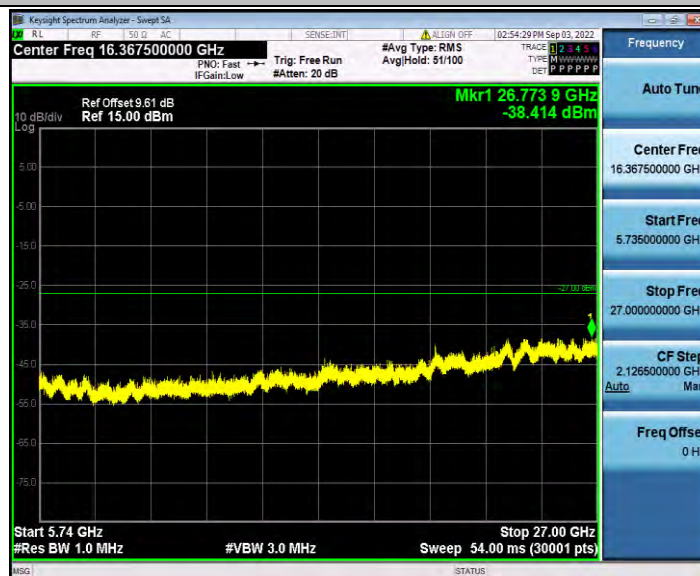
11A_Ant1_5700_5735~40000



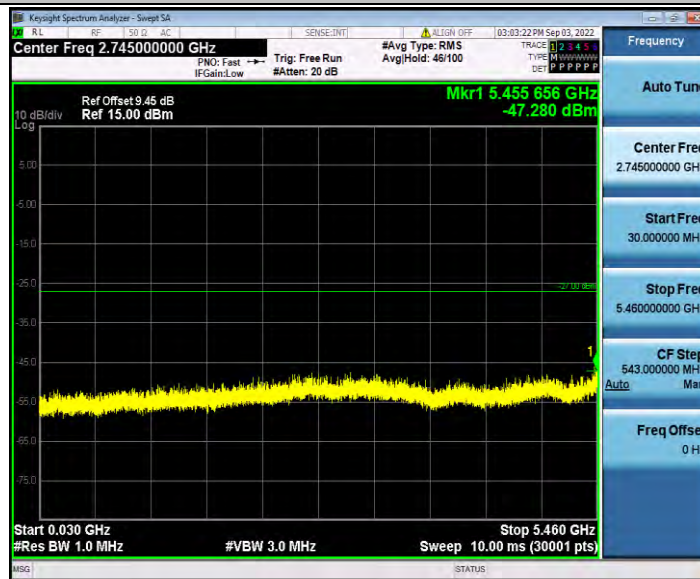
11N20SISO_Ant1_5500_30~5460



11N20SISO_Ant1_5500_5735~40000



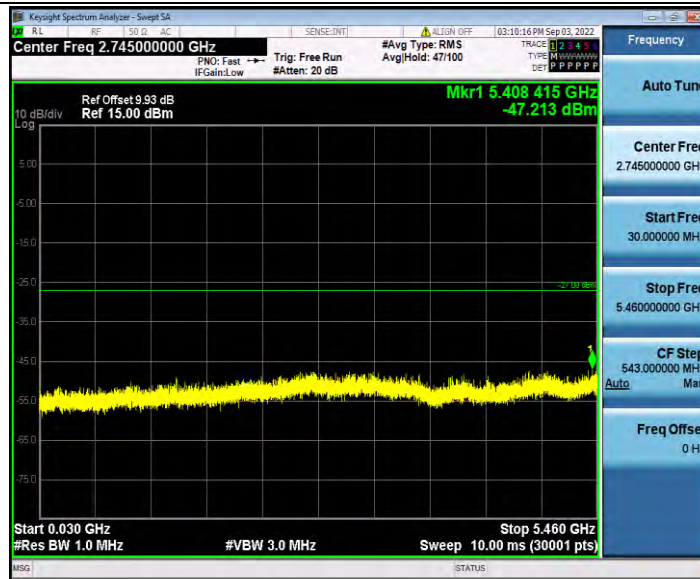
11N20SISO_Ant1_5600_30~5460



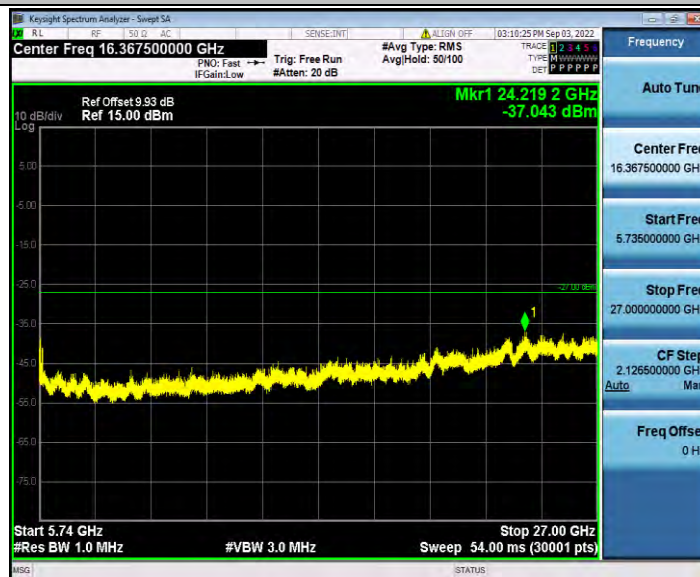
11N20SISO_Ant1_5600_5735~40000



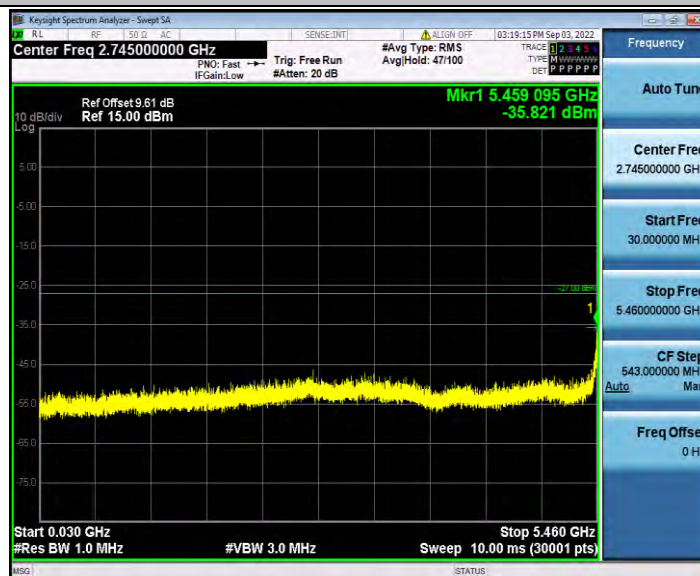
11N20SISO_Ant1_5700_30~5460



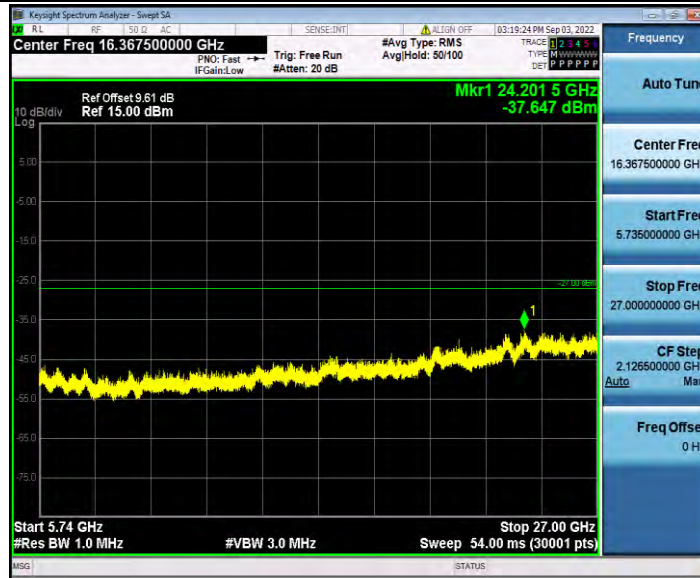
11N20SISO_Ant1_5700_5735-40000



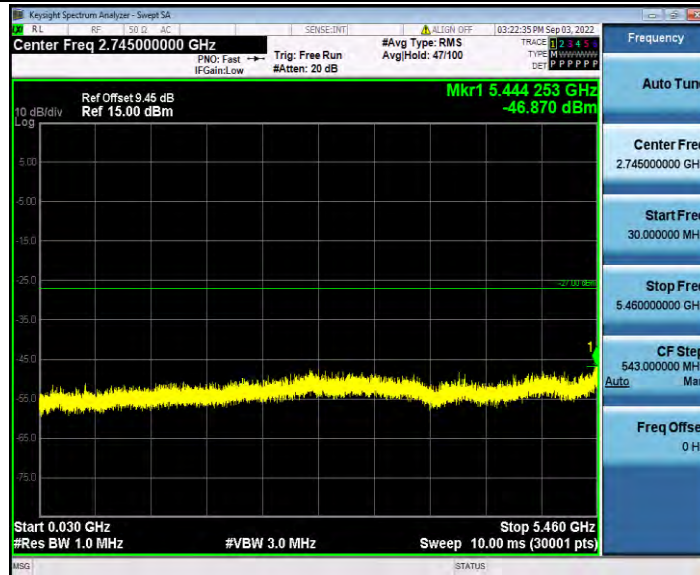
11N40SISO_Ant1_5510_30~5460



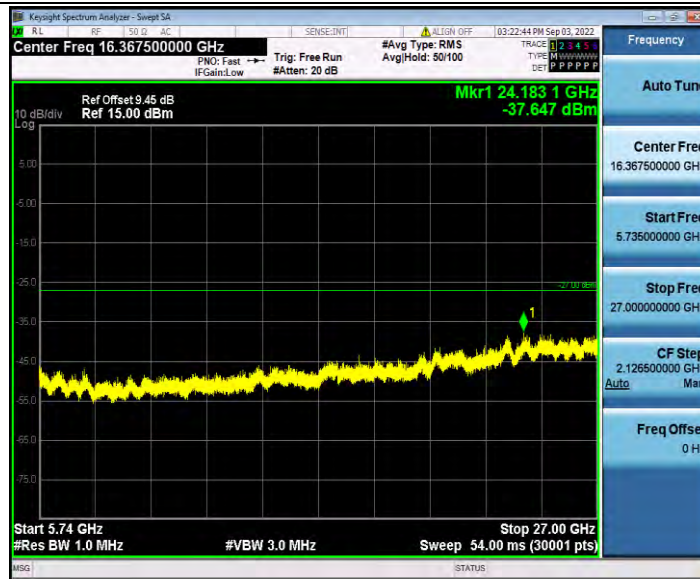
11N40SISO_Ant1_5510_5735~40000



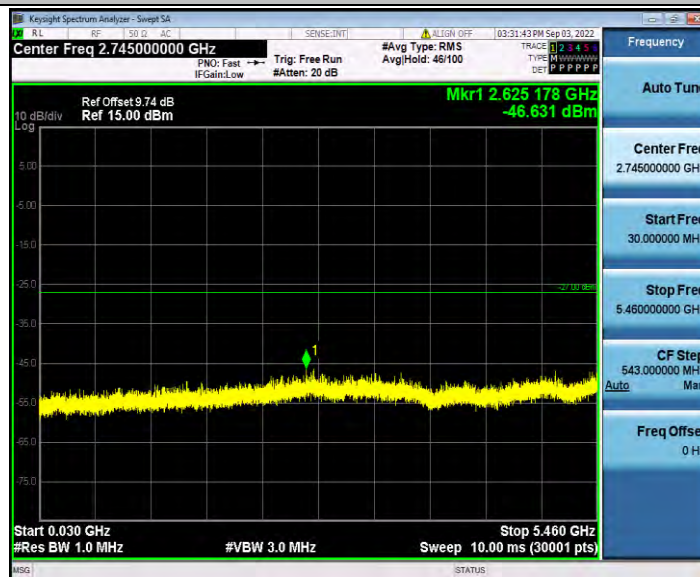
11N40SISO_Ant1_5590_30~5460



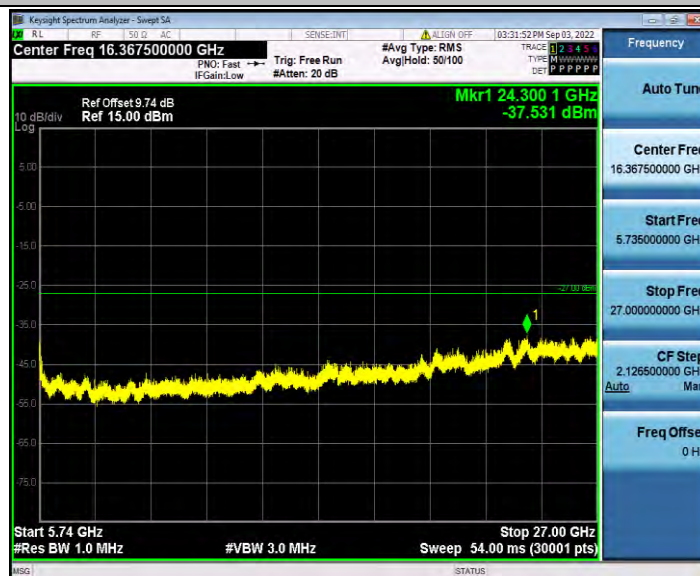
11N40SISO_Ant1_5590_5735~40000



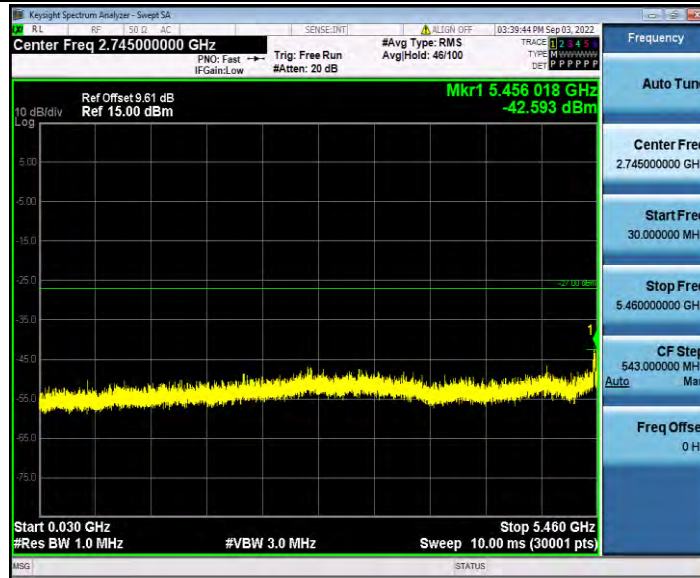
11N40SISO_Ant1_5670_30~5460



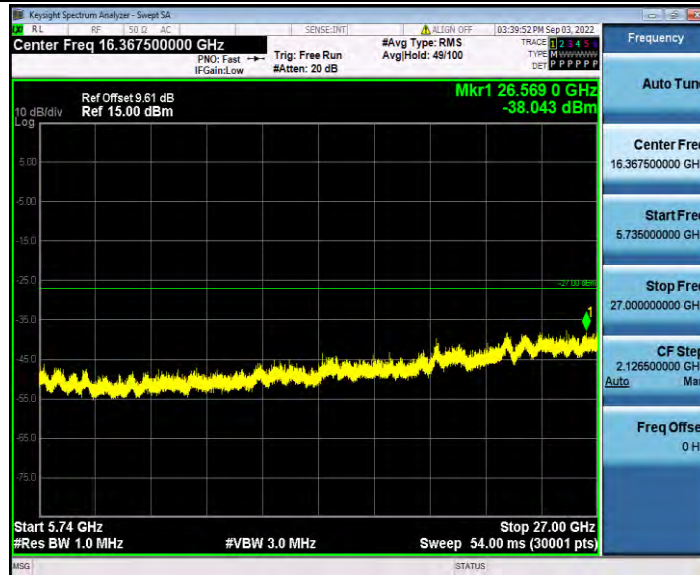
11N40SISO_Ant1_5670_5735~40000



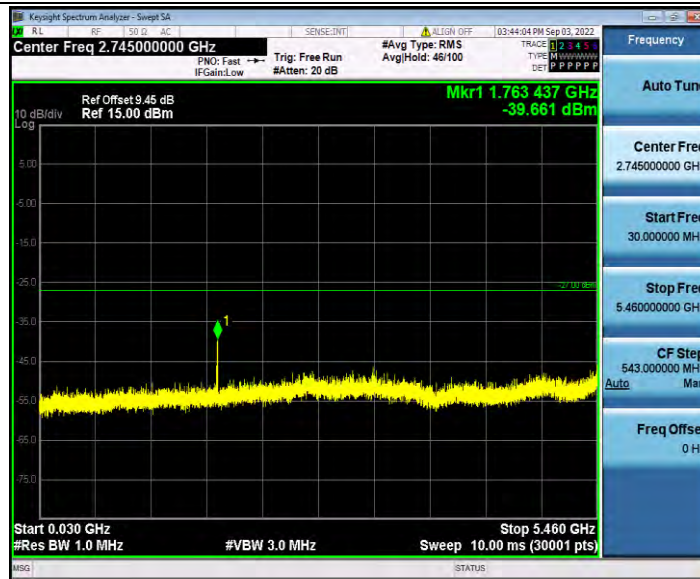
11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~40000



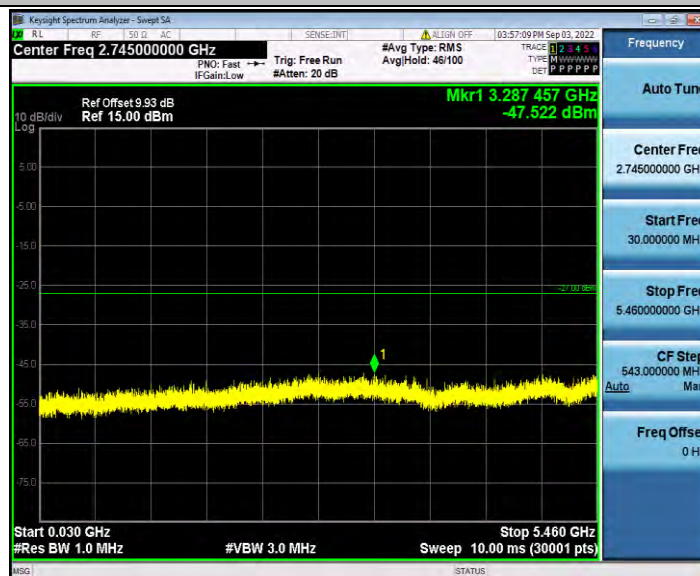
11AC20SISO_Ant1_5600_30~5460



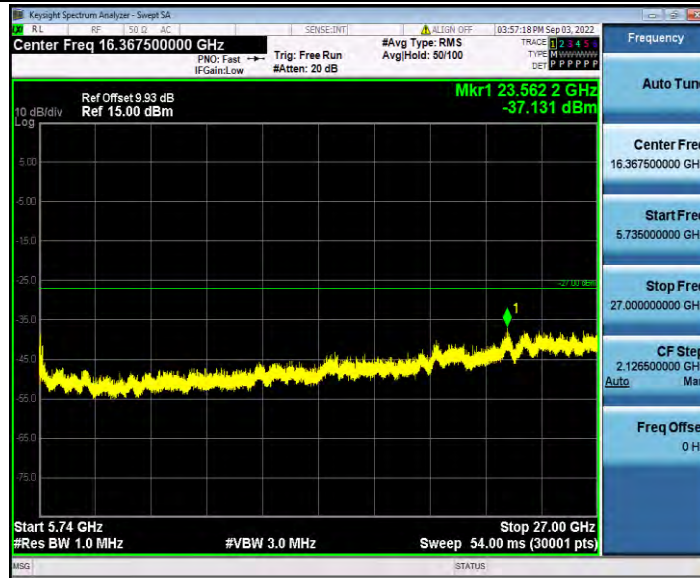
11AC20SISO_Ant1_5600_5735~40000



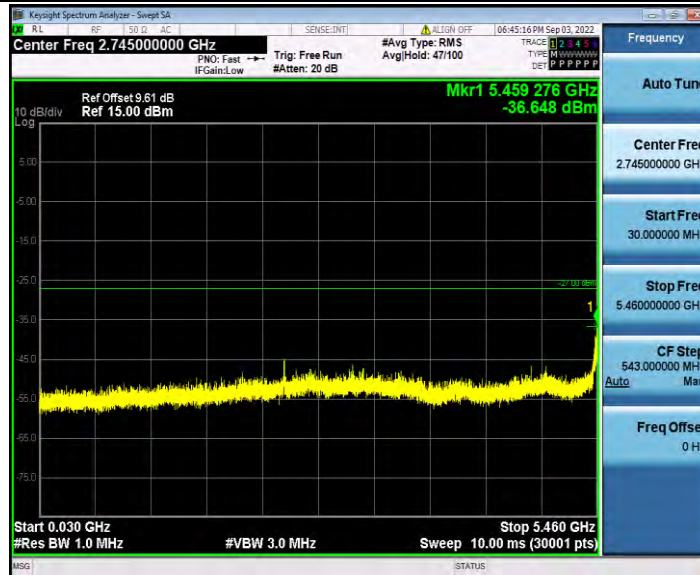
11AC20SISO_Ant1_5700_30~5460



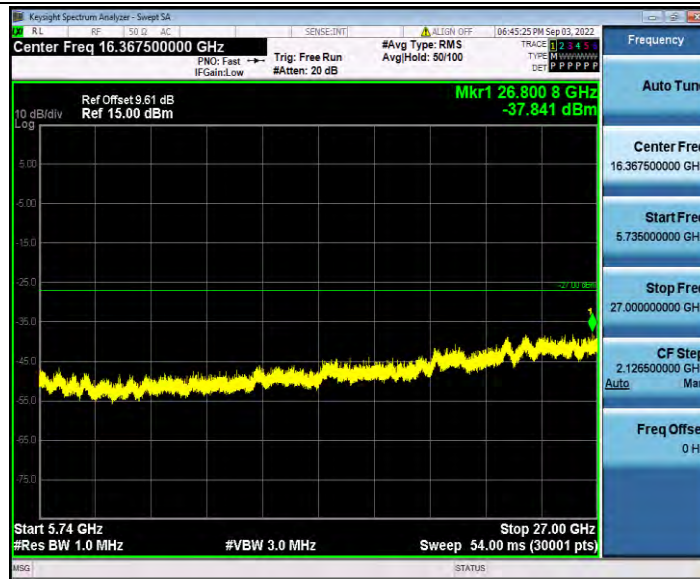
11AC20SISO_Ant1_5700_5735~40000



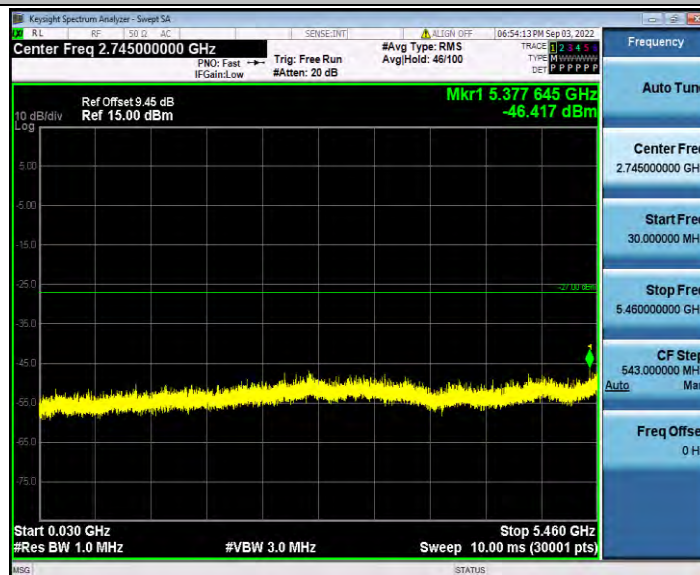
11AC40SISO_Ant1_5510_30~5460



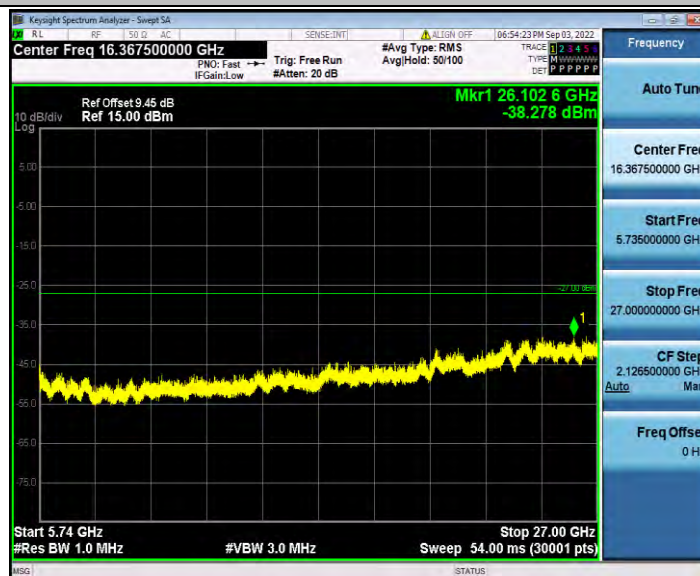
11AC40SISO_Ant1_5510_5735~40000



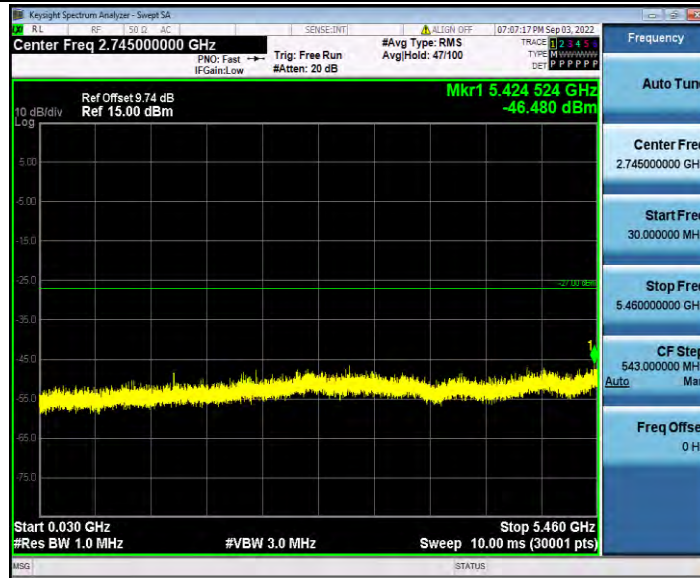
11AC40SISO_Ant1_5590_30~5460



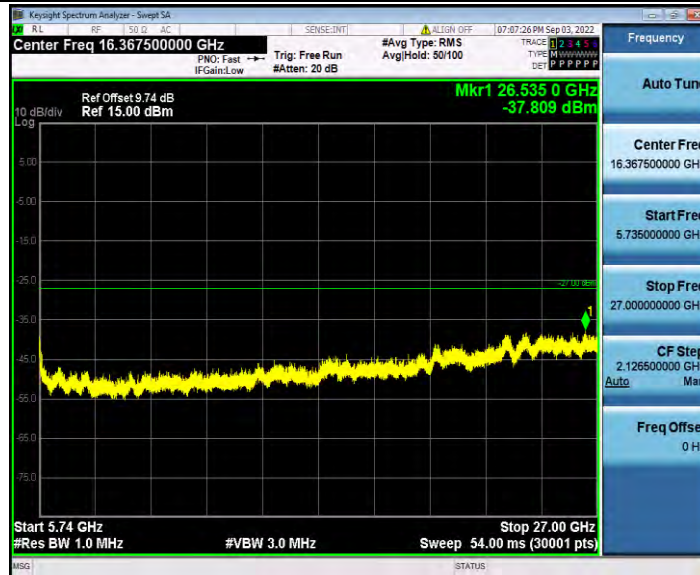
11AC40SISO_Ant1_5590_5735~40000



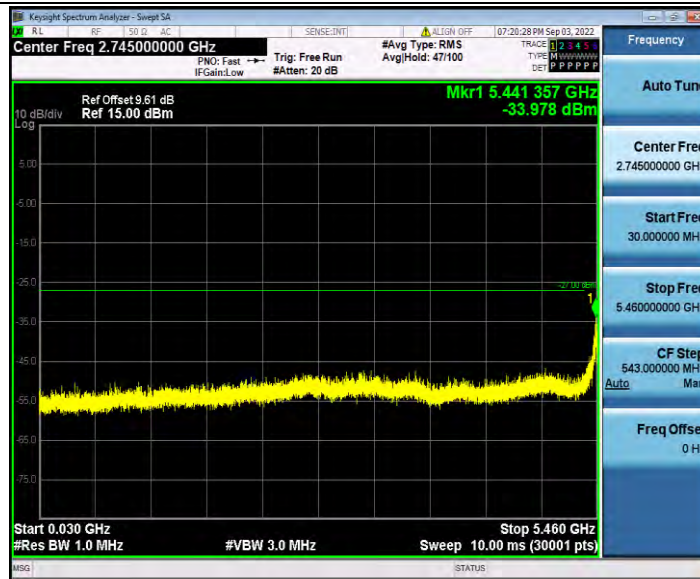
11AC40SISO_Ant1_5670_30~5460



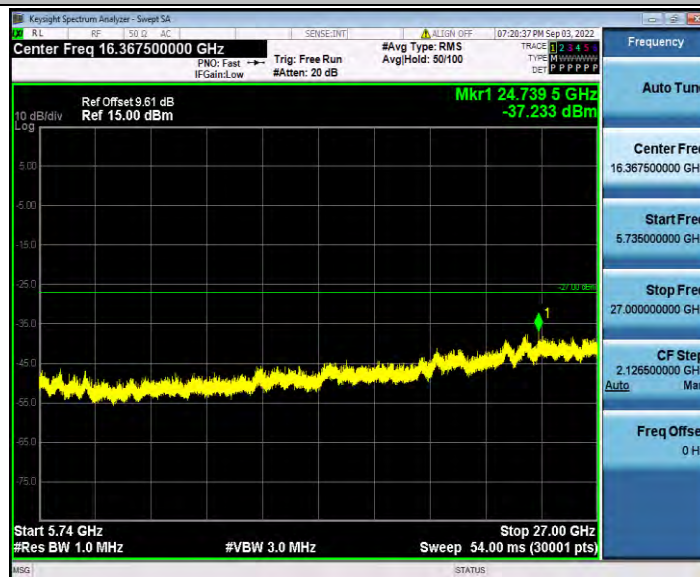
11AC40SISO_Ant1_5670_5735~40000



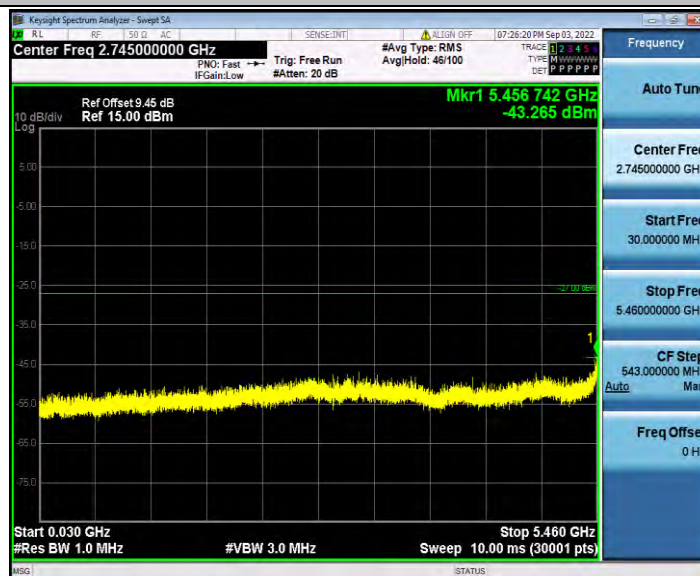
11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~40000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~40000

