

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	10.40	95.87	0.18	10.58	≤23.98	PASS
		5200	10.85	95.87	0.18	11.03	≤23.98	PASS
		5240	10.15	95.87	0.18	10.33	≤23.98	PASS
11N20SISO	Ant1	5180	10.10	98.88	0.05	10.15	≤23.98	PASS
		5200	10.31	98.88	0.05	10.36	≤23.98	PASS
		5240	10.03	98.88	0.05	10.08	≤23.98	PASS
11N40SISO	Ant1	5190	10.47	98.88	0.05	10.52	≤23.98	PASS
		5230	10.21	98.88	0.05	10.26	≤23.98	PASS
11AC20SISO	Ant1	5180	10.16	99.00	0.04	10.20	≤23.98	PASS
		5200	10.34	98.88	0.05	10.39	≤23.98	PASS
		5240	9.97	98.88	0.05	10.02	≤23.98	PASS
11AC40SISO	Ant1	5190	10.40	99.00	0.04	10.44	≤23.98	PASS
		5230	10.71	98.88	0.05	10.76	≤23.98	PASS
11AC80SISO	Ant1	5210	10.19	99.00	0.04	10.23	≤23.98	PASS
11AX20SISO	Ant1	5180	10.34	98.90	0.05	10.39	≤23.98	PASS
		5200	10.51	98.90	0.05	10.56	≤23.98	PASS
		5240	10.39	98.90	0.05	10.44	≤23.98	PASS
11AX40SISO	Ant1	5190	15.98	99.00	0.04	16.02	≤23.98	PASS
		5230	12.29	99.00	0.04	12.33	≤23.98	PASS
11AX80SISO	Ant1	5210	12.27	99.00	0.04	12.31	≤23.98	PASS

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

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.28	≤11.00	PASS
		5200	3.86	≤11.00	PASS
		5240	4.12	≤11.00	PASS
11N20SISO	Ant1	5180	3.07	≤11.00	PASS
		5200	2.86	≤11.00	PASS
		5240	2.67	≤11.00	PASS
11N40SISO	Ant1	5190	-2.54	≤11.00	PASS
		5230	-0.74	≤11.00	PASS
11AC20SISO	Ant1	5180	2.43	≤11.00	PASS
		5200	2.99	≤11.00	PASS
		5240	2.78	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.25	≤11.00	PASS
		5230	-0.47	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.57	≤11.00	PASS
11AX20SISO	Ant1	5180	3.17	≤11.00	PASS
		5200	2.61	≤11.00	PASS
		5240	0.8	≤11.00	PASS
11AX40SISO	Ant1	5190	-0.42	≤11.00	PASS
		5230	0.47	≤11.00	PASS
11AX80SISO	Ant1	5210	-1.26	≤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_5180



11A_Ant1_5200



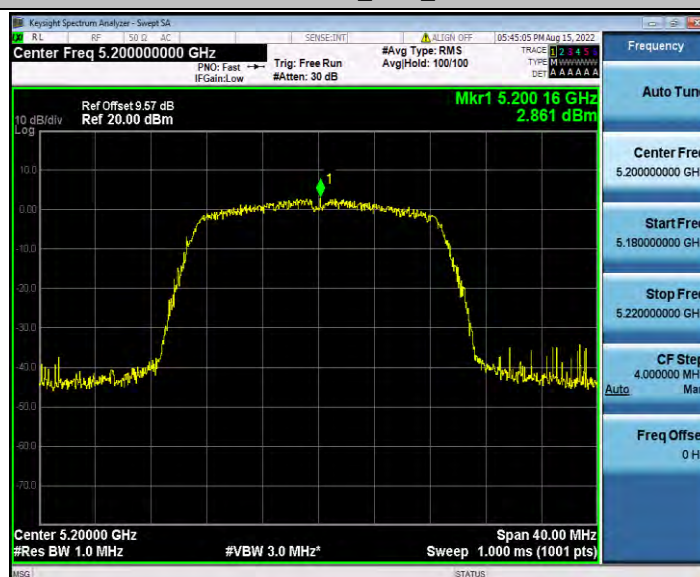
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



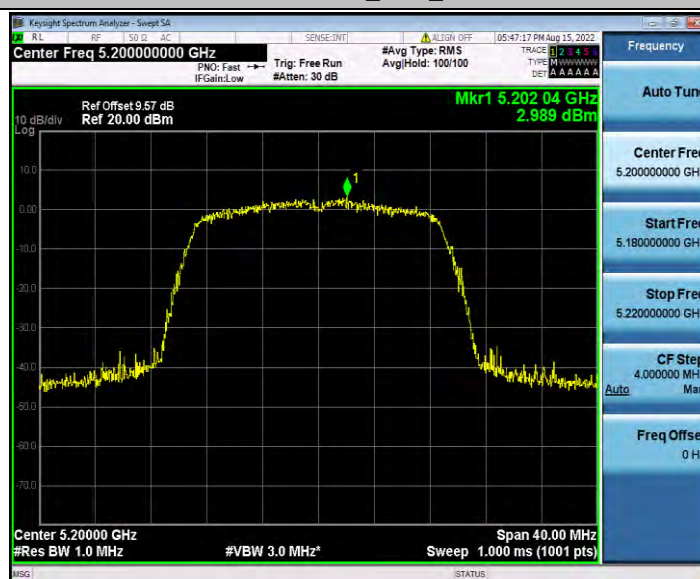
11N40SISO_Ant1_5230



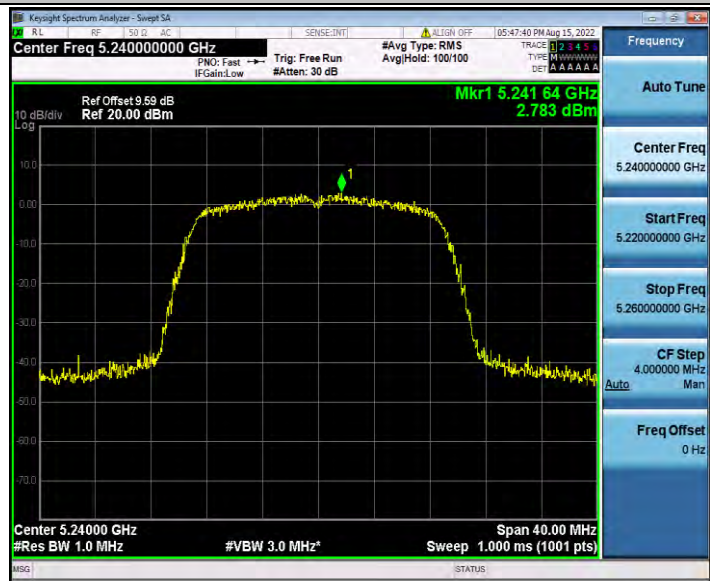
11AC20SISO_Ant1_5180



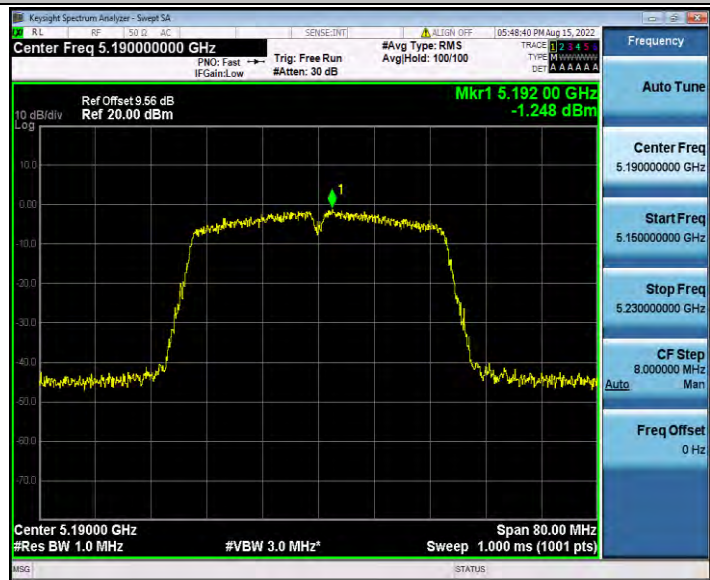
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



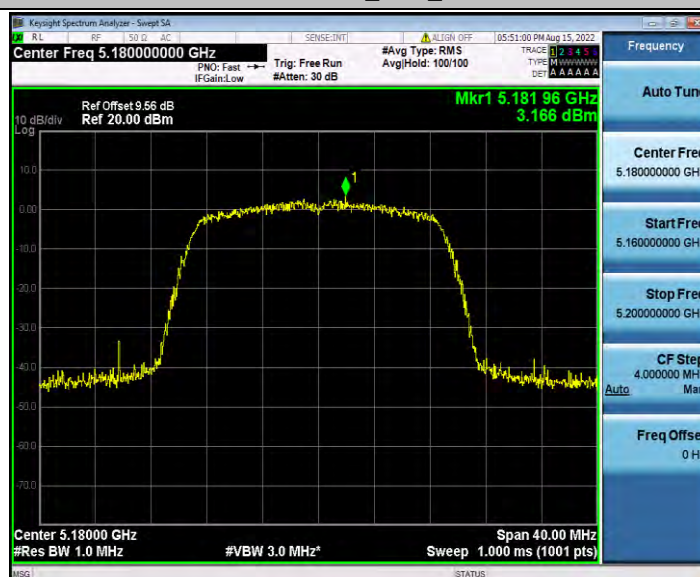
11AC40SISO_Ant1_5230



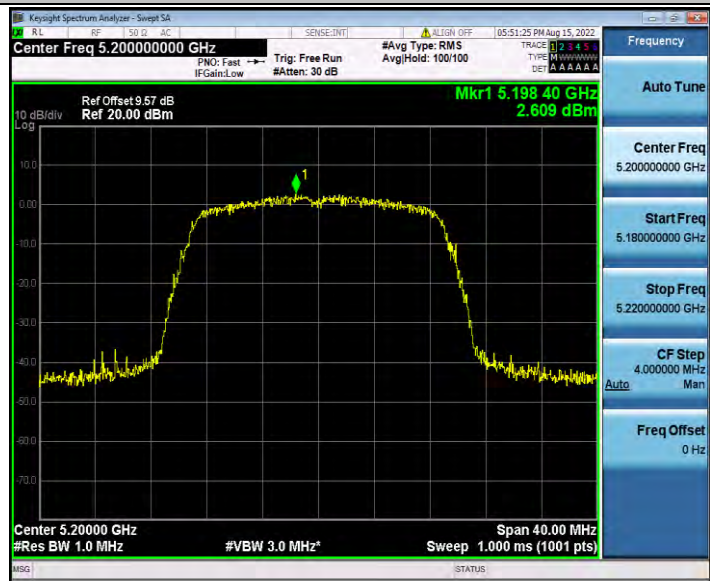
11AC80SISO_Ant1_5210



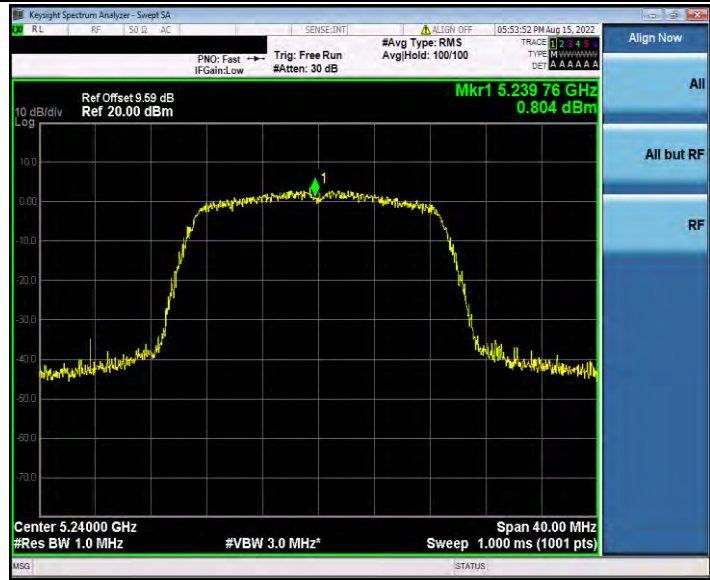
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



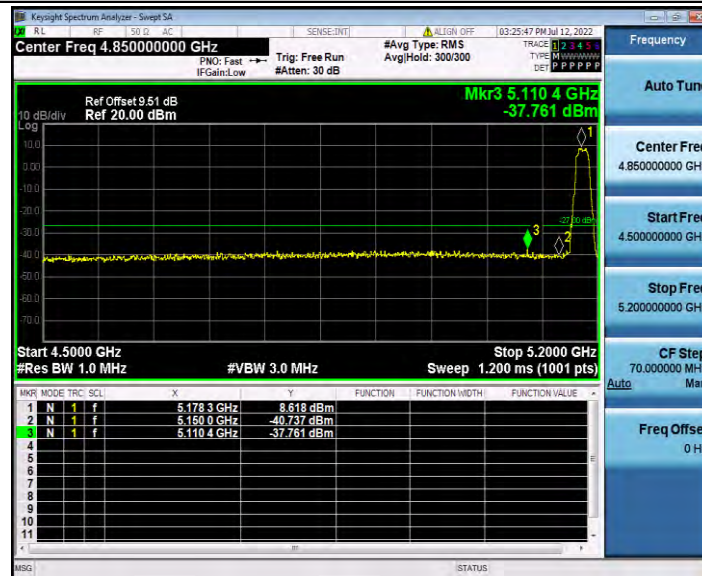
Appendix D.6: Band edge measurements

Test Result B1

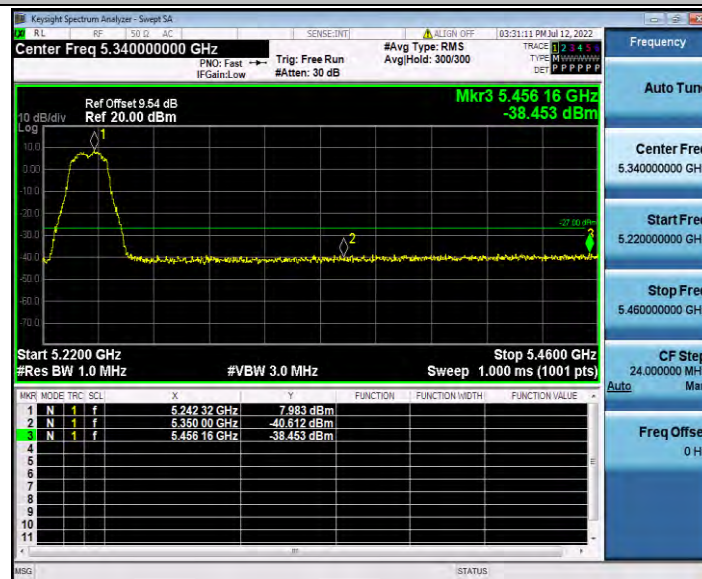
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.76	≤-27	PASS
		High	5240	-38.45	≤-27	PASS
11N20SISO	Ant1	Low	5180	-37.16	≤-27	PASS
		High	5240	-38.07	≤-27	PASS
11N40SISO	Ant1	Low	5190	-37.92	≤-27	PASS
		High	5230	-37.83	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-37.98	≤-27	PASS
		High	5240	-38.45	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-37.14	≤-27	PASS
		High	5230	-37.33	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-37.07	≤-27	PASS
		High	5210	-38.34	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-37.32	≤-27	PASS
		High	5240	-37.89	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-37.44	≤-27	PASS
		High	5230	-37.84	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-34.79	≤-27	PASS
		High	5210	-37.46	≤-27	PASS

Test Graphs B1

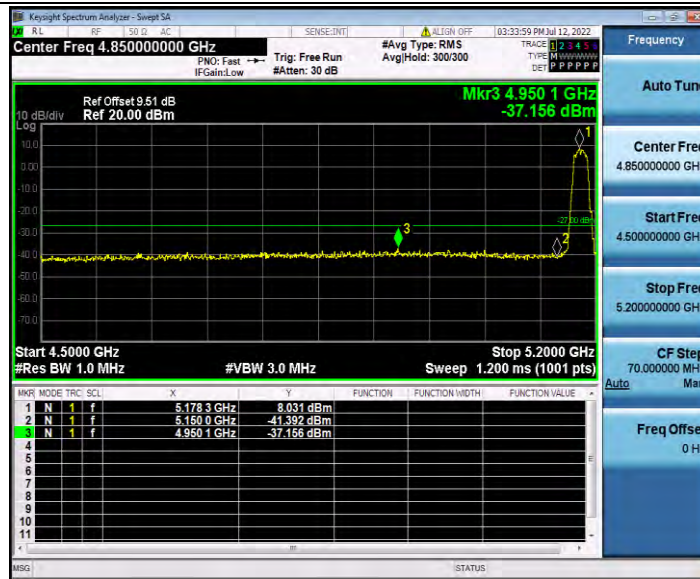
11A_Ant1_Low_5180



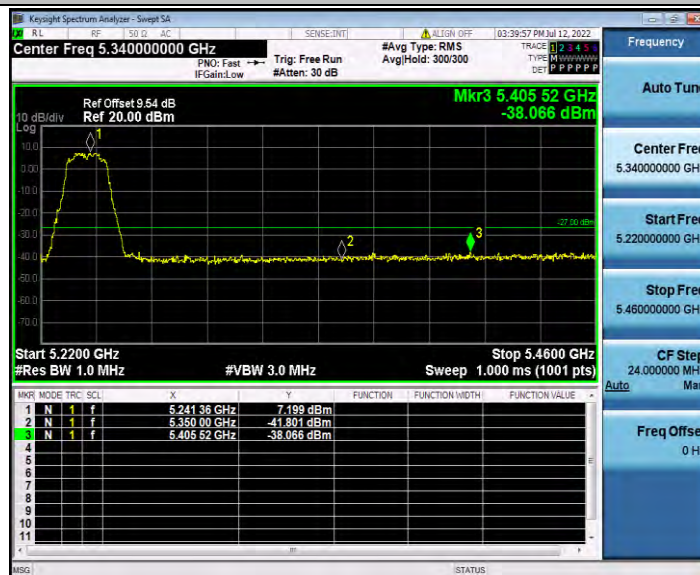
11A_Ant1_High_5240



11N20SISO_Ant1_Low_5180



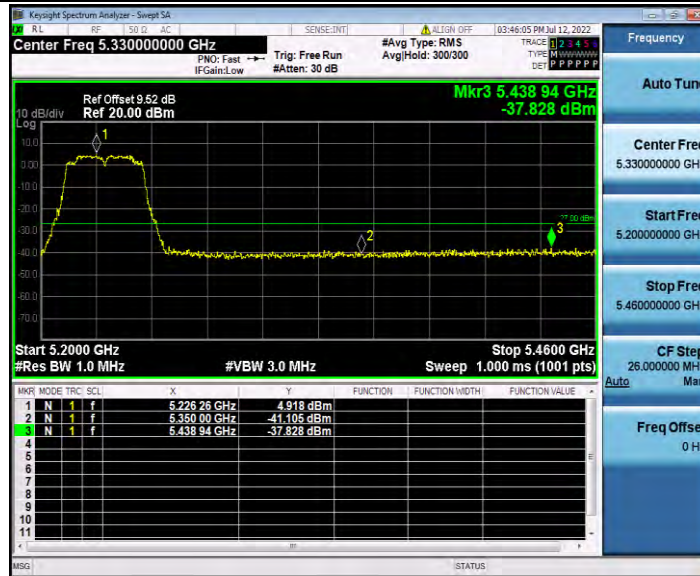
11N20ISO_Ant1_High_5240



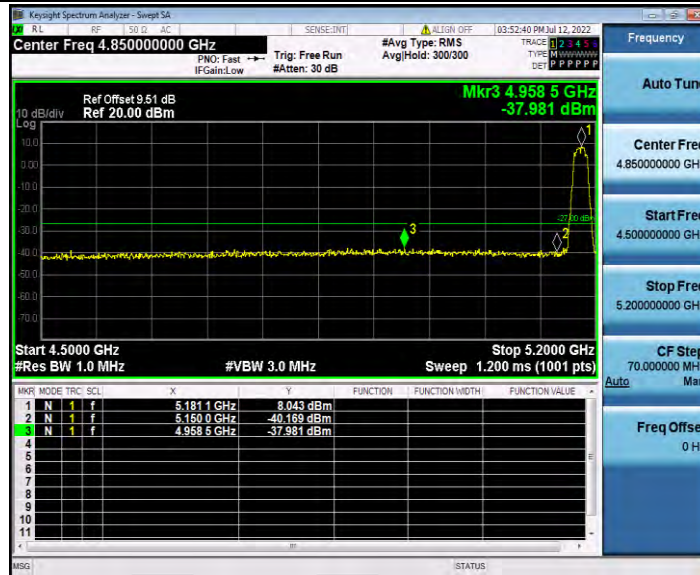
11N40ISO_Ant1_Low_5190



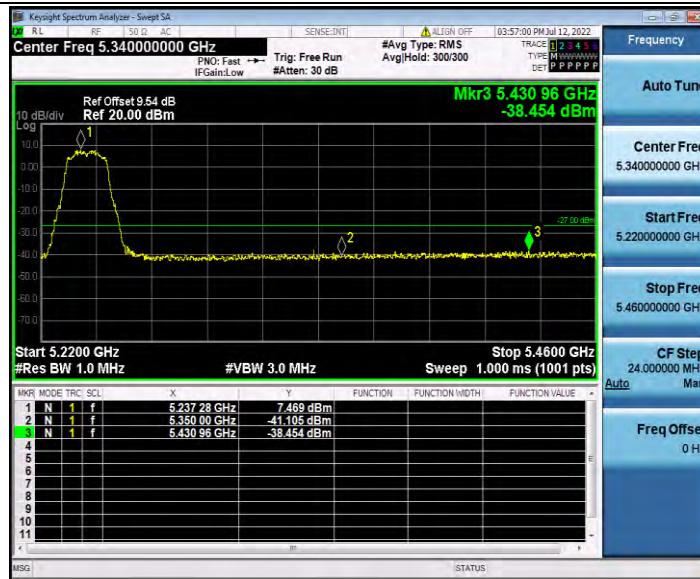
11N40SISO_Ant1_High_5230



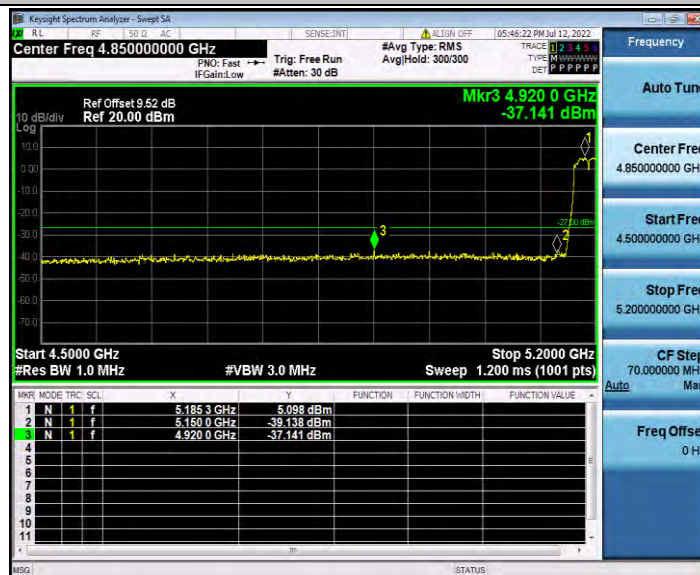
11AC20SISO_Ant1_Low_5180



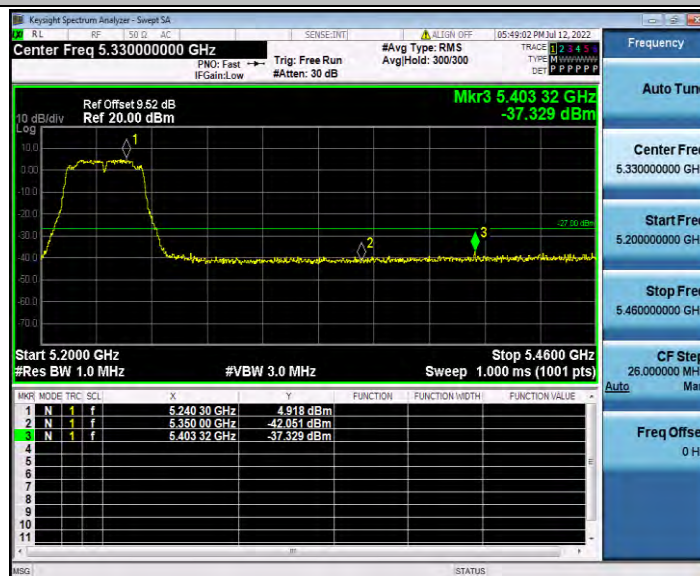
11AC20SISO_Ant1_High_5240



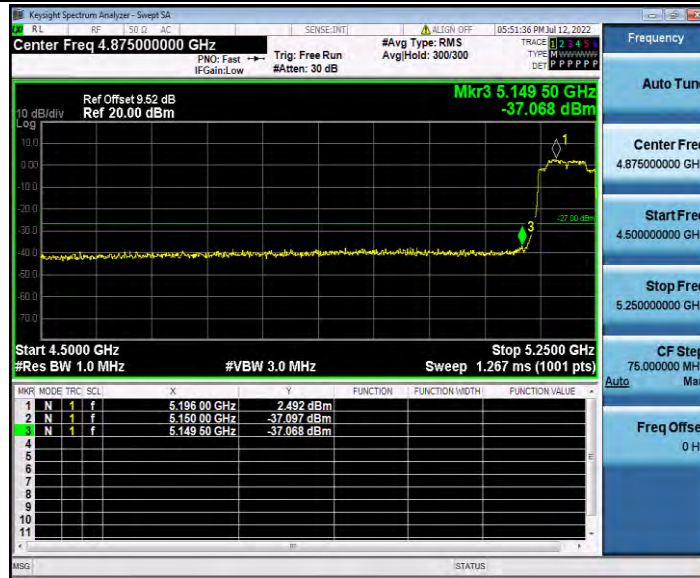
11AC40SISO_Ant1_Low_5190



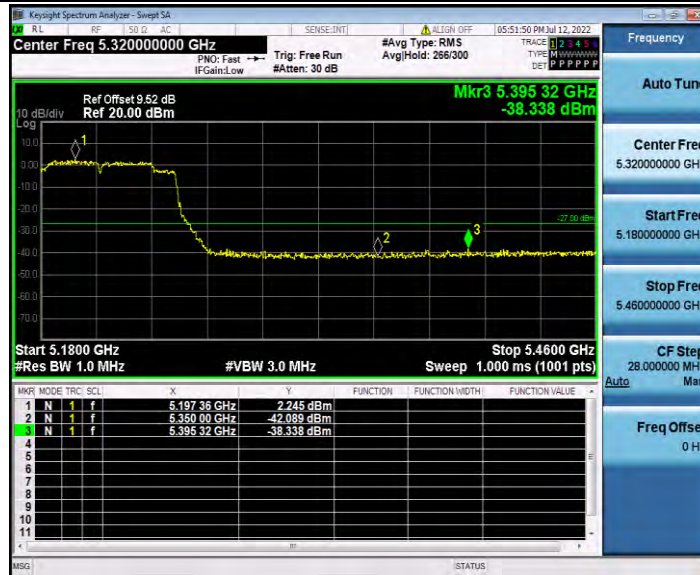
11AC40SISO_Ant1_High_5230



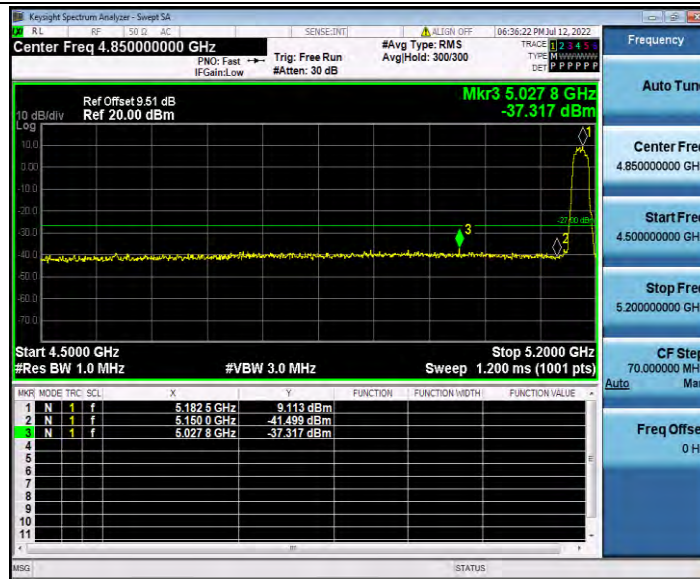
11AC80SISO_Ant1_Low_5210



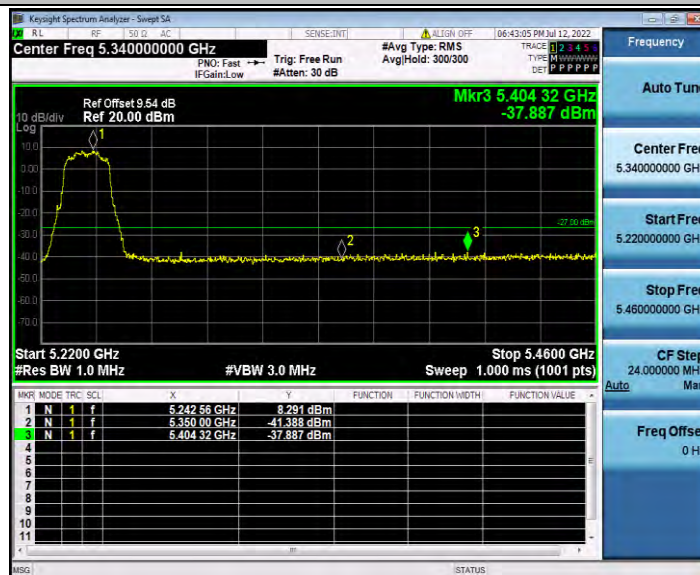
11AC80SISO_Ant1_High_5210



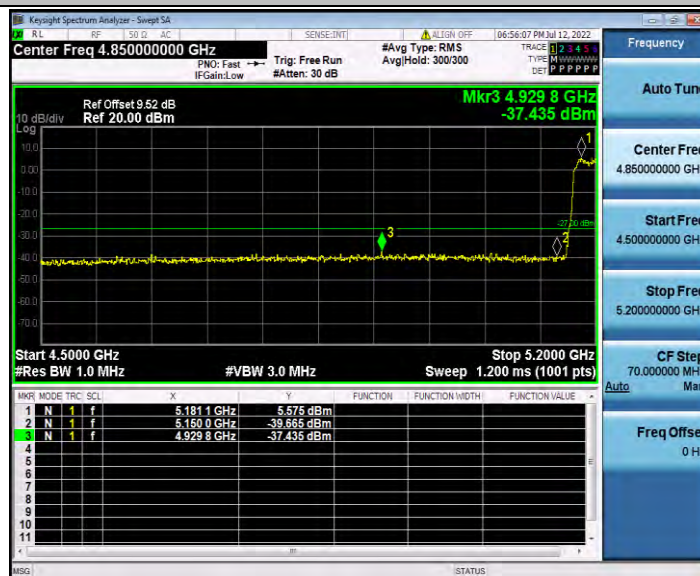
11AX20SISO_Ant1_Low_5180



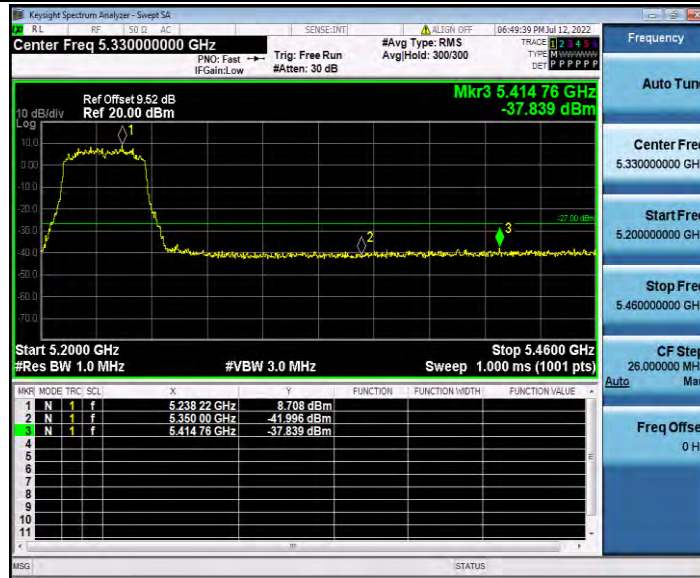
11AX20SISO_Ant1_High_5240



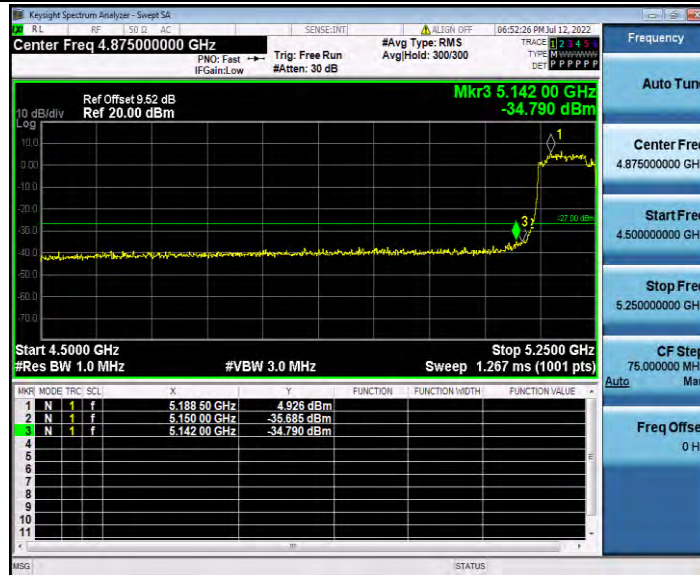
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5131.99	-46.61	≤-27	PASS
			5360~40000	26659.53	-38.05	≤-27	PASS
		5200	30~5140	833.46	-41.98	≤-27	PASS
			5360~40000	25081.25	-37.66	≤-27	PASS
		5240	30~5140	907.9	-43.42	≤-27	PASS
			5360~40000	26521.76	-37.99	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	834.14	-39.31	≤-27	PASS
			5360~40000	24199.78	-37.92	≤-27	PASS
		5200	30~5140	833.63	-41.12	≤-27	PASS
			5360~40000	26006	-38.22	≤-27	PASS
		5240	30~5140	4940.71	-46.7	≤-27	PASS
			5360~40000	26511.66	-37.86	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5129.1	-46.08	≤-27	PASS
			5360~40000	24931.94	-38.08	≤-27	PASS
		5230	30~5140	4769.53	-46.83	≤-27	PASS
			5360~40000	26769.17	-38.19	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2684.3	-47.37	≤-27	PASS
			5360~40000	24290.67	-36.79	≤-27	PASS
		5200	30~5140	5068.46	-47.28	≤-27	PASS
			5360~40000	24201.23	-37.8	≤-27	PASS
		5240	30~5140	4948.72	-45.61	≤-27	PASS
			5360~40000	24245.95	-37.69	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.79	-45.65	≤-27	PASS
			5360~40000	24241.62	-37.7	≤-27	PASS
		5230	30~5140	2659.78	-47.29	≤-27	PASS
			5360~40000	25060.33	-38.23	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5136.76	-44.23	≤-27	PASS
			5360~40000	24336.12	-37.92	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4910.05	-46.67	≤-27	PASS
			5360~40000	24200.51	-37.85	≤-27	PASS
		5200	30~5140	5116.32	-47.55	≤-27	PASS
			5360~40000	24260.38	-37.56	≤-27	PASS
		5240	30~5140	4909.88	-46.73	≤-27	PASS
			5360~40000	25542.19	-37.67	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5137.79	-31.9	≤-27	PASS

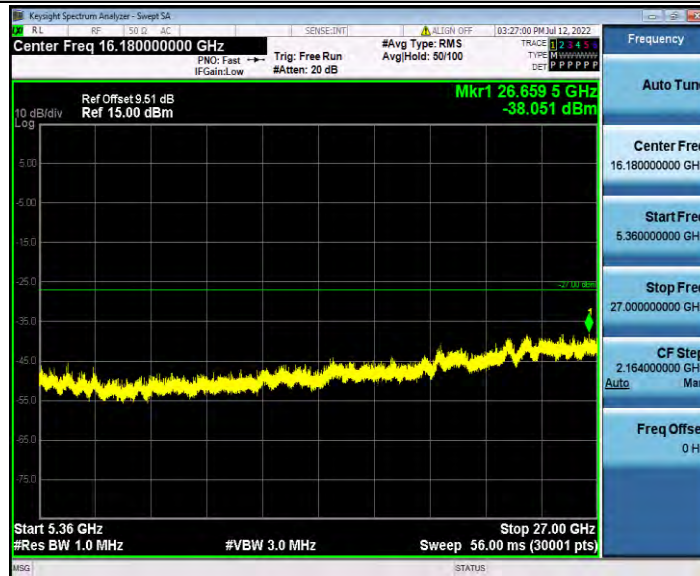
			5360~40000	24825.18	-37.5	≤-27	PASS
		5230	30~5140	3424.74	-46.4	≤-27	PASS
			5360~40000	24205.55	-37.87	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5136.08	-40.23	≤-27	PASS
			5360~40000	23579.44	-37.89	≤-27	PASS

Test Graphs

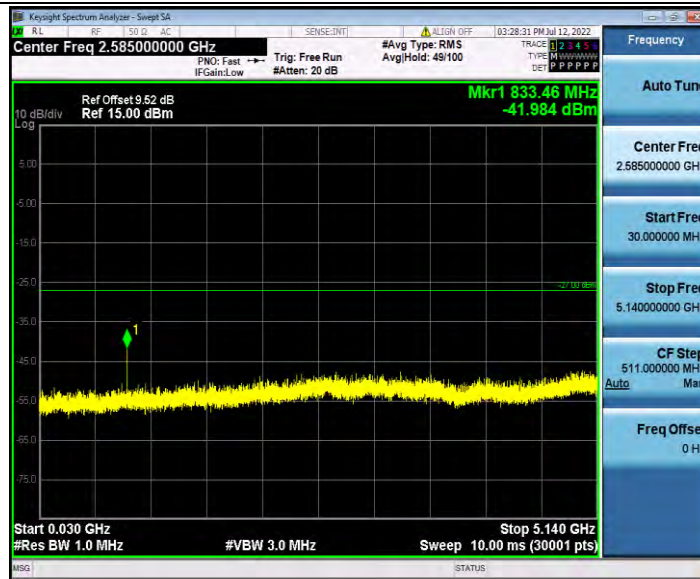
11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



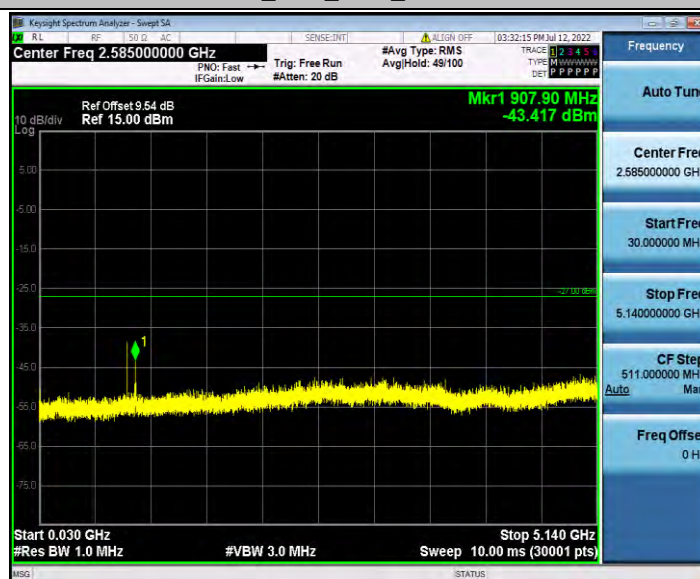
11A_Ant1_5200_30~5140



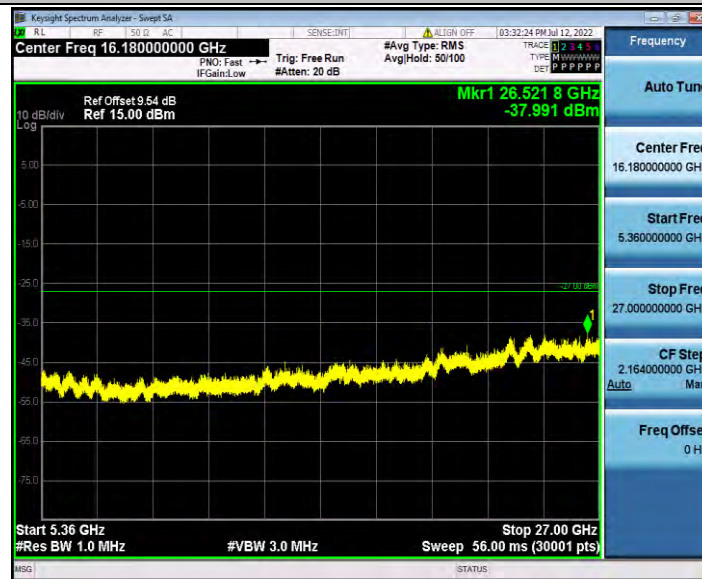
11A_Ant1_5200_5360~40000



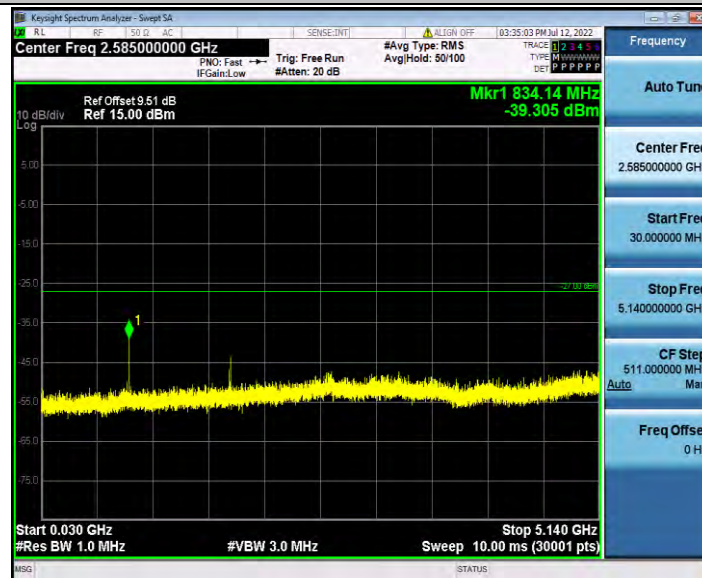
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



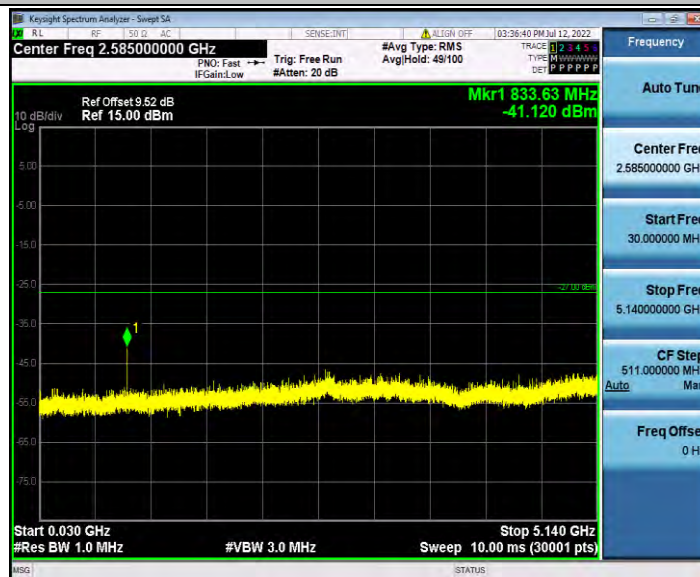
11N20SISO_Ant1_5180_30~5140



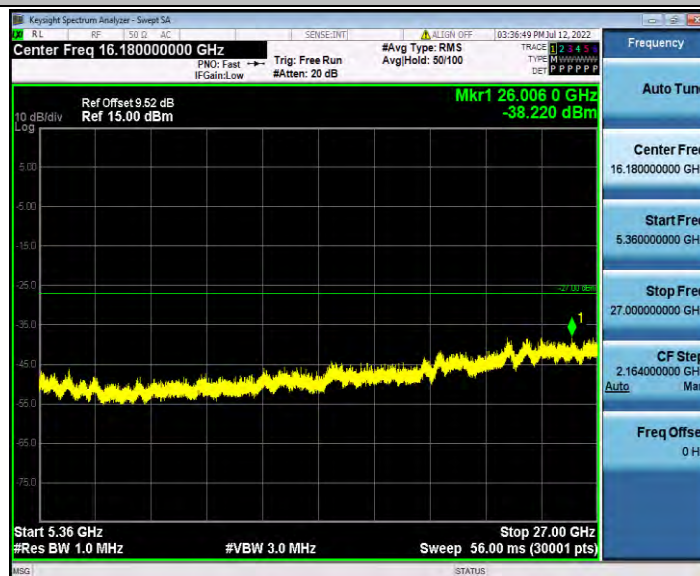
11N20SISO_Ant1_5180_5360~40000



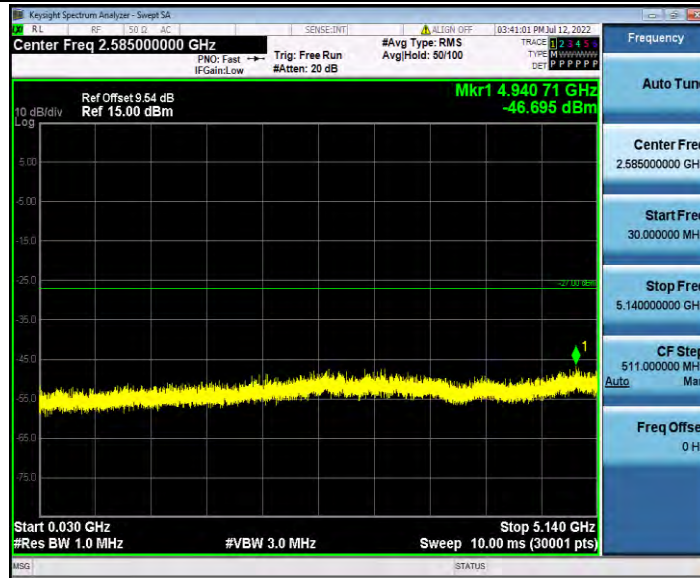
11N20SISO_Ant1_5200_30~5140



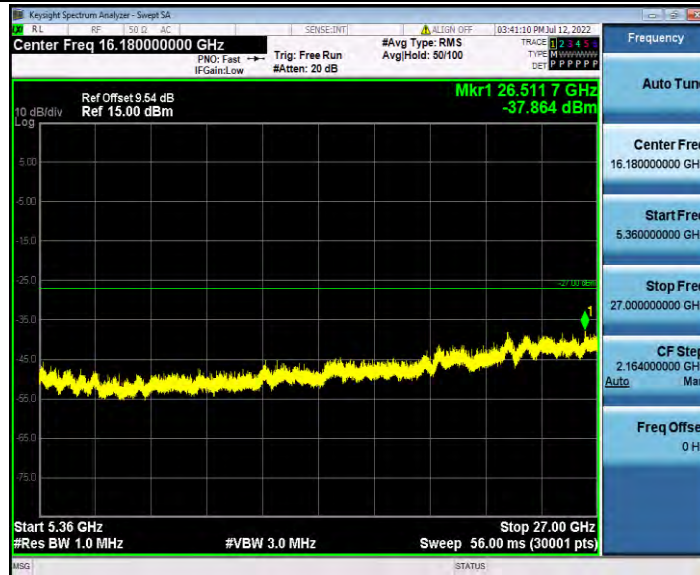
11N20SISO_Ant1_5200_5360~40000



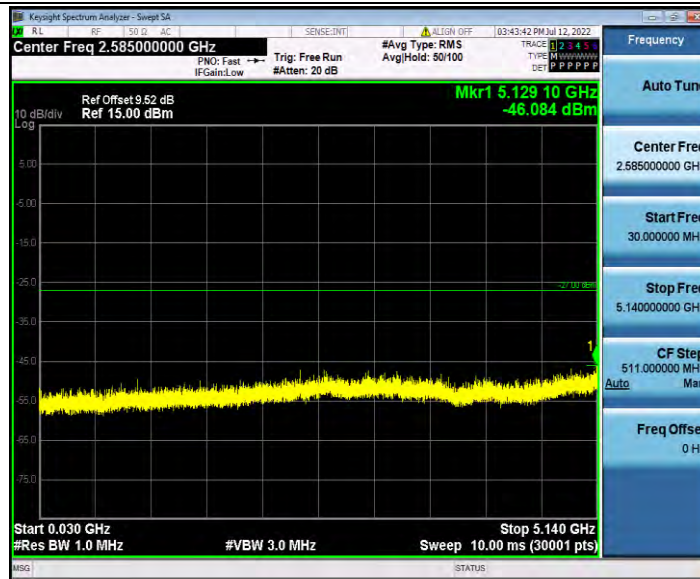
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



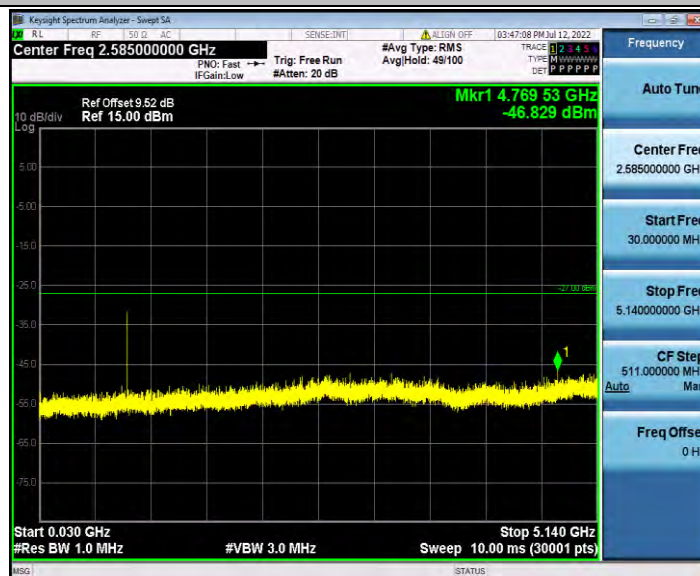
11N40SISO_Ant1_5190_30~5140



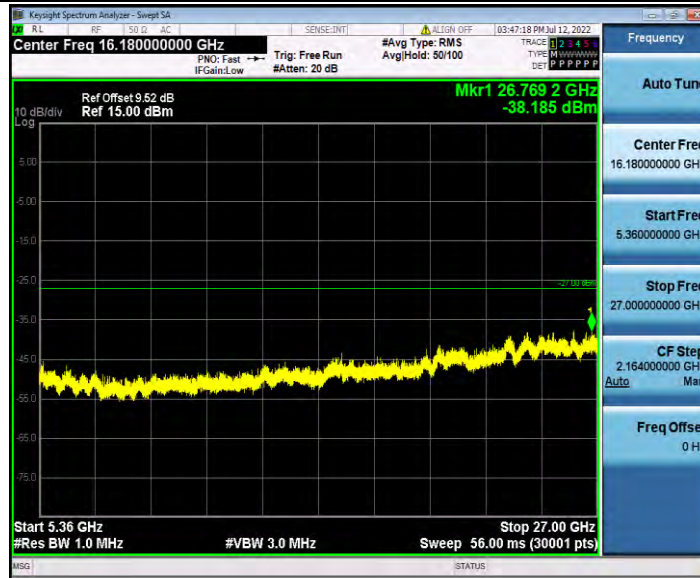
11N40SISO_Ant1_5190_5360~40000



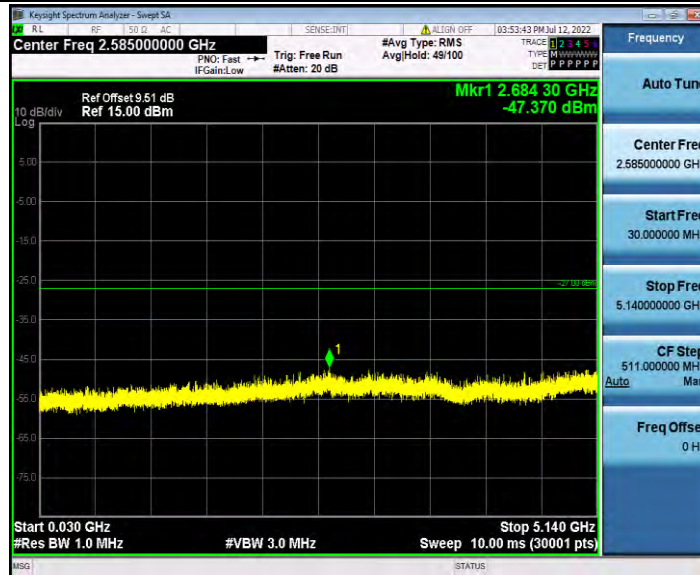
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



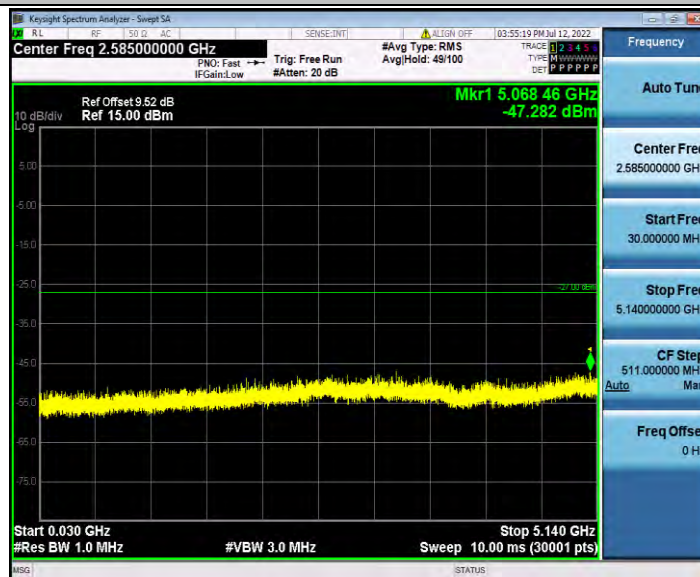
11AC20SISO_Ant1_5180_30~5140



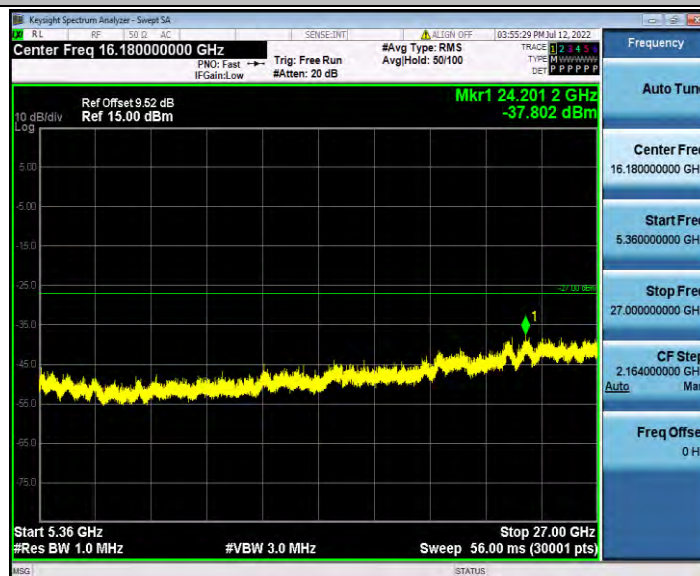
11AC20SISO_Ant1_5180_5360~40000



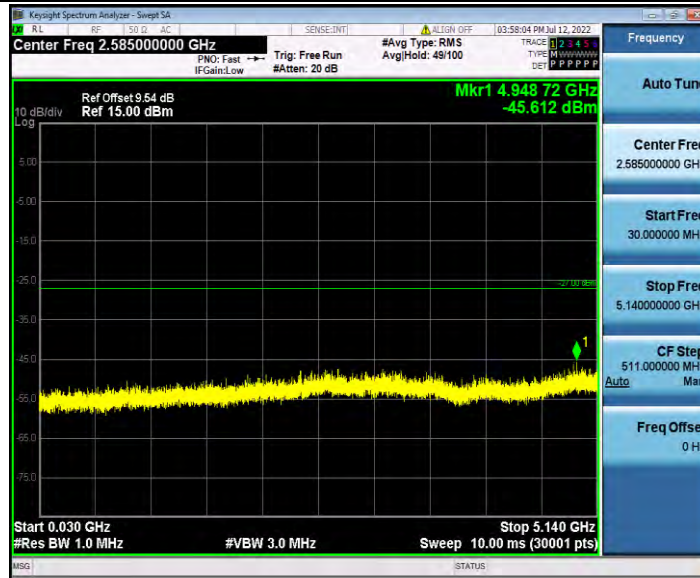
11AC20SISO_Ant1_5200_30~5140



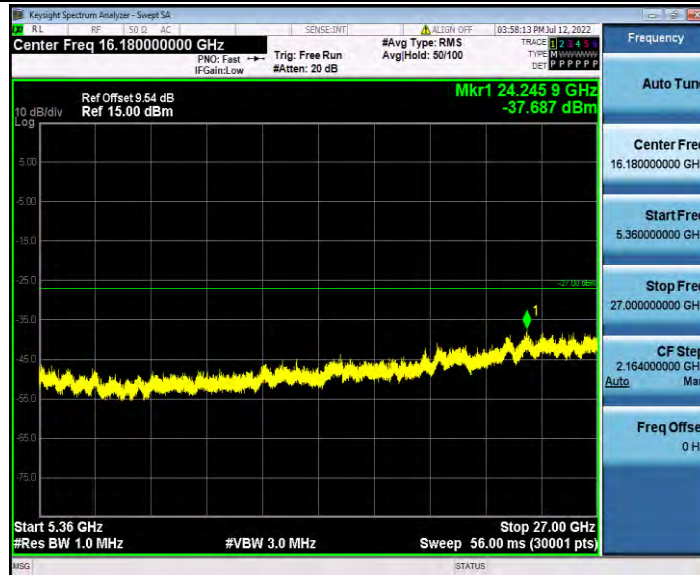
11AC20SISO_Ant1_5200_5360~40000



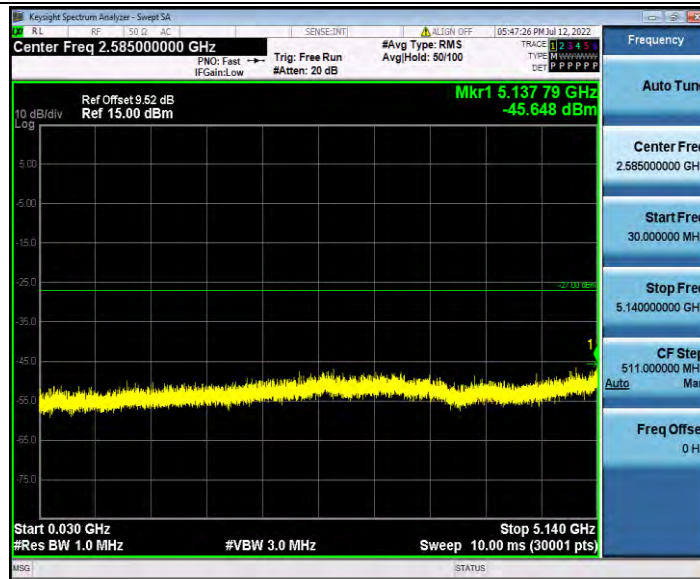
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



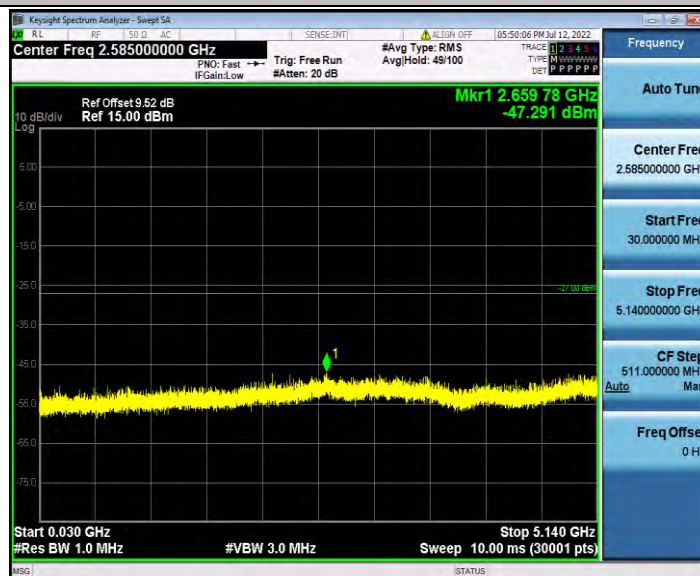
11AC40SISO_Ant1_5190_30~5140



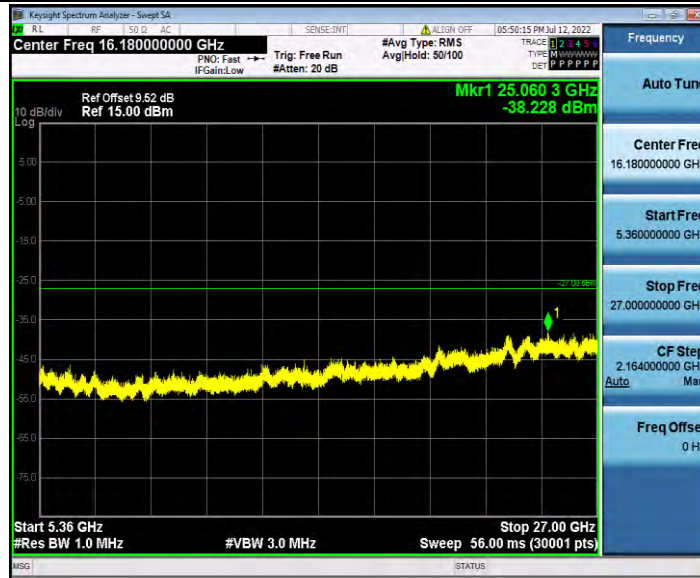
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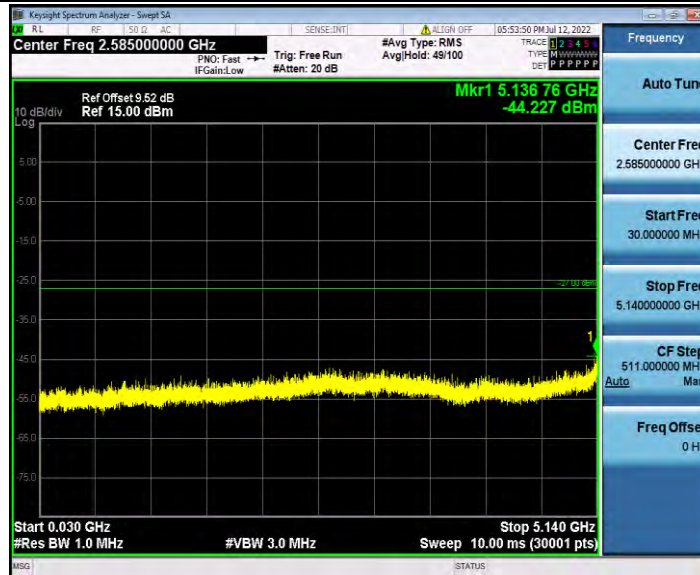
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



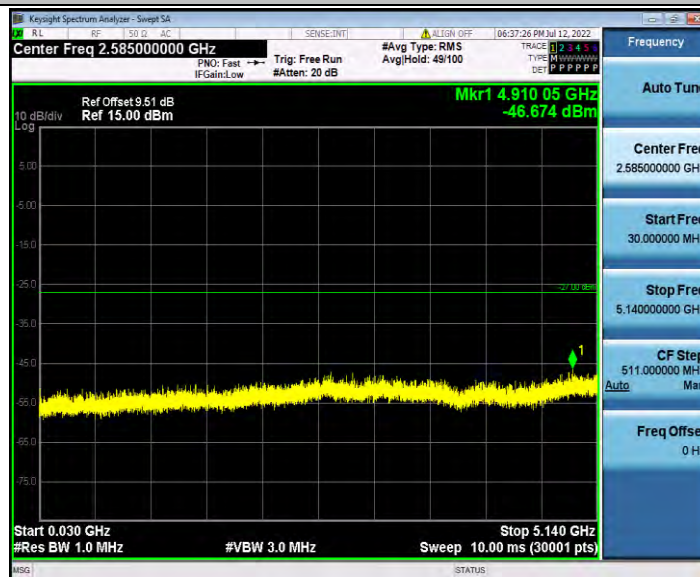
11AC80SISO_Ant1_5210_30~5140



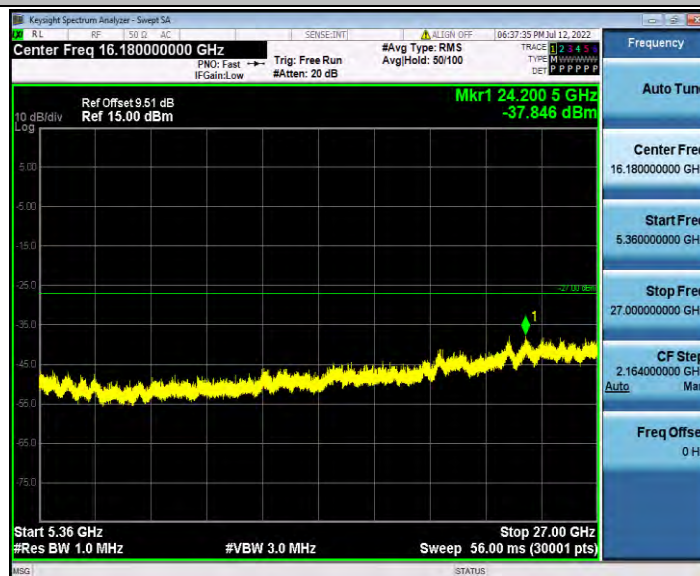
11AC80SISO_Ant1_5210_5360~40000



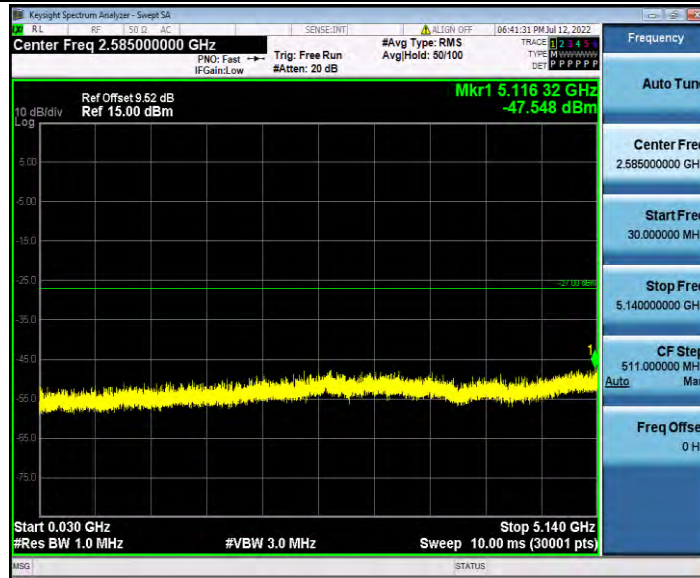
11AX20SISO_Ant1_5180_30~5140



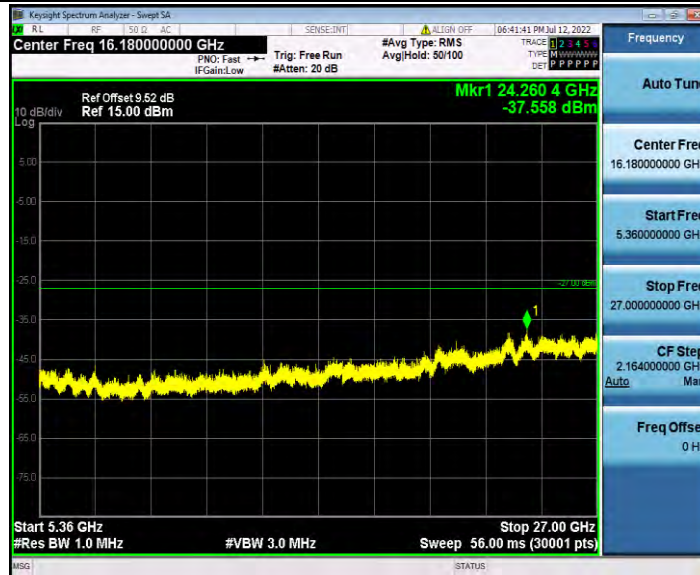
11AX20SISO_Ant1_5180_5360~40000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~40000



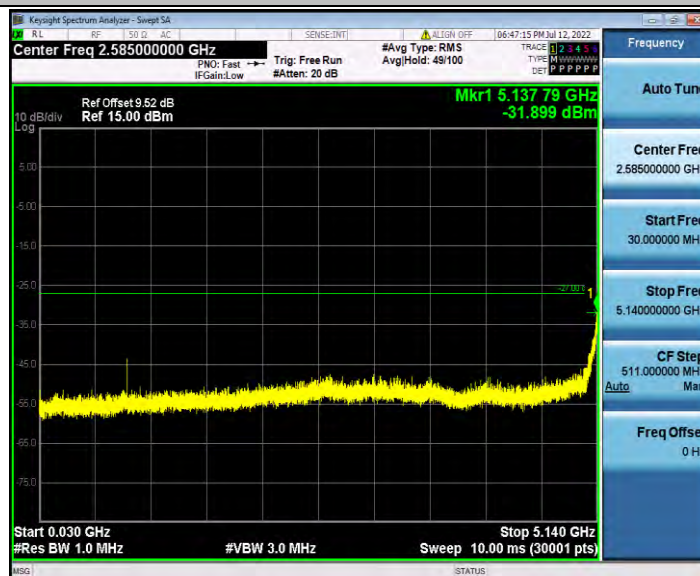
11AX20SISO_Ant1_5240_30~5140



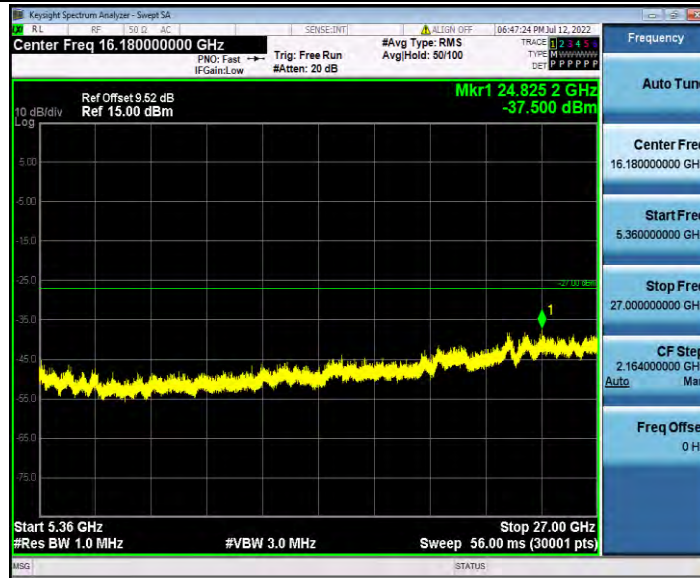
11AX20SISO_Ant1_5240_5360~40000



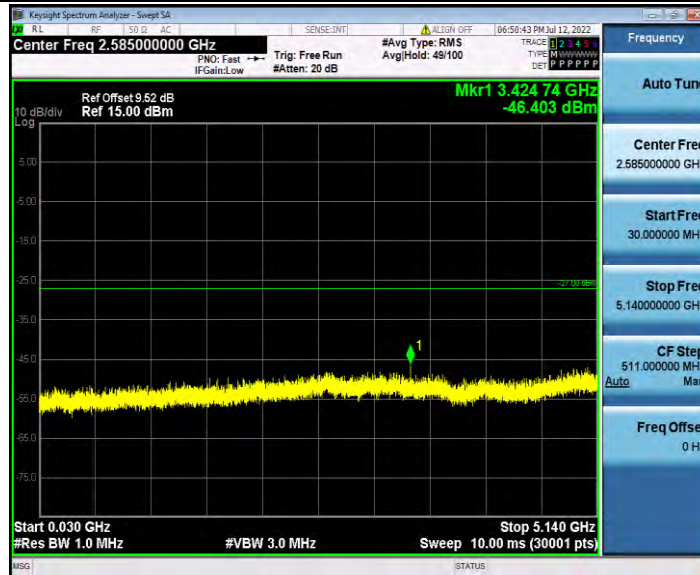
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000

