

Appendix F.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	13.76	98.56	0.06	13.82	≤23.98	PASS
		5580	13.39	98.56	0.06	13.45	≤23.98	PASS
		5700	12.48	98.74	0.06	12.54	≤23.98	PASS
11N20SI SO	Ant1	5500	13.71	98.53	0.06	13.77	≤23.98	PASS
		5580	13.59	98.72	0.06	13.65	≤23.98	PASS
		5700	12.50	98.53	0.06	12.56	≤23.98	PASS
11N40SI SO	Ant1	5510	14.24	98.43	0.07	14.31	≤23.98	PASS
		5590	13.07	98.43	0.07	13.14	≤23.98	PASS
		5670	13.13	98.63	0.06	13.19	≤23.98	PASS
11AC20S ISO	Ant1	5500	13.84	98.90	0.05	13.89	≤23.98	PASS
		5580	13.65	98.72	0.06	13.71	≤23.98	PASS
		5700	12.41	98.72	0.06	12.47	≤23.98	PASS
11AC40S ISO	Ant1	5510	14.17	98.66	0.06	14.23	≤23.98	PASS
		5590	12.96	98.47	0.07	13.03	≤23.98	PASS
		5670	12.97	98.47	0.07	13.04	≤23.98	PASS
11AC80S ISO	Ant1	5530	13.04	98.34	0.07	13.11	≤23.98	PASS
		5610	12.30	98.55	0.06	12.36	≤23.98	PASS
11AX20SI SO	Ant1	5500	13.54	98.51	0.07	13.61	≤23.98	PASS
		5580	13.55	98.52	0.06	13.61	≤23.98	PASS
		5700	12.51	98.51	0.07	12.58	≤23.98	PASS
11AX40SI SO	Ant1	5510	14.18	98.30	0.07	14.25	≤23.98	PASS
		5590	13.01	98.30	0.07	13.08	≤23.98	PASS
		5670	12.95	98.31	0.07	13.02	≤23.98	PASS
11AX80SI SO	Ant1	5530	13.19	98.44	0.07	13.26	≤23.98	PASS
		5610	12.56	98.66	0.06	12.62	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	1.88	≤11.00	PASS
		5580	1.73	≤11.00	PASS
		5700	0.47	≤11.00	PASS
11N20SISO	Ant1	5500	1.55	≤11.00	PASS
		5580	1.62	≤11.00	PASS
		5700	0.30	≤11.00	PASS
11N40SISO	Ant1	5510	-0.20	≤11.00	PASS
		5590	-1.10	≤11.00	PASS
		5670	-1.17	≤11.00	PASS
11AC20SISO	Ant1	5500	1.63	≤11.00	PASS
		5580	1.71	≤11.00	PASS
		5700	0.34	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.26	≤11.00	PASS
		5590	-1.22	≤11.00	PASS
		5670	-1.34	≤11.00	PASS
11AC80SISO	Ant1	5530	-4.21	≤11.00	PASS
		5610	-4.23	≤11.00	PASS
11AX20SISO	Ant1	5500	1.06	≤11.00	PASS
		5580	1.18	≤11.00	PASS
		5700	-0.04	≤11.00	PASS
11AX40SISO	Ant1	5510	-0.69	≤11.00	PASS
		5590	-1.57	≤11.00	PASS
		5670	-1.75	≤11.00	PASS
11AX80SISO	Ant1	5530	-4.32	≤11.00	PASS
		5610	-4.69	≤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 Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



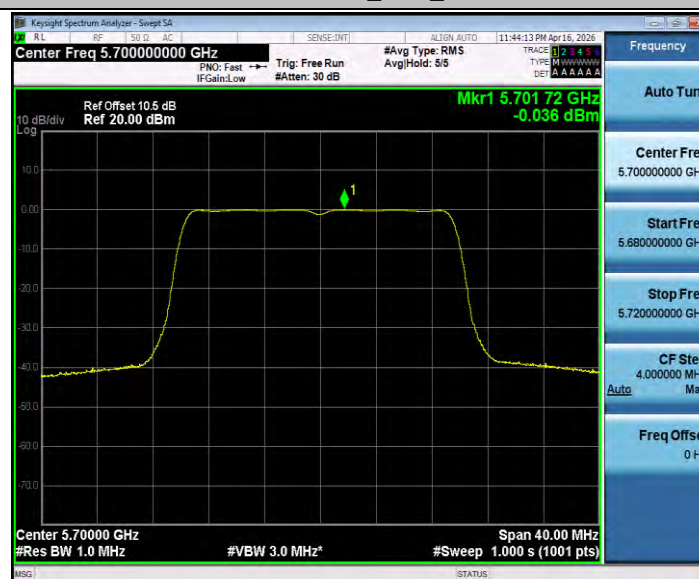
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



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

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.68	≤-27	PASS
		High	5700	-35.25	≤-27	PASS
11N20SISO	Ant1	Low	5500	-36.99	≤-27	PASS
		High	5700	-30.9	≤-27	PASS
11N40SISO	Ant1	Low	5510	-30.61	≤-27	PASS
		High	5670	-33.84	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-32.67	≤-27	PASS
		High	5700	-29.94	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-27.53	≤-27	PASS
		High	5670	-33.31	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-27.53	≤-27	PASS
		High	5610	-37.1	≤-27	PASS
11AX20SISO	Ant1	Low	5500	-34.23	≤-27	PASS
		High	5700	-31.22	≤-27	PASS
11AX40SISO	Ant1	Low	5510	-36.27	≤-27	PASS
		High	5670	-35.12	≤-27	PASS
11AX80SISO	Ant1	Low	5530	-28.65	≤-27	PASS
		High	5610	-37.26	≤-27	PASS

Test GraphsB3

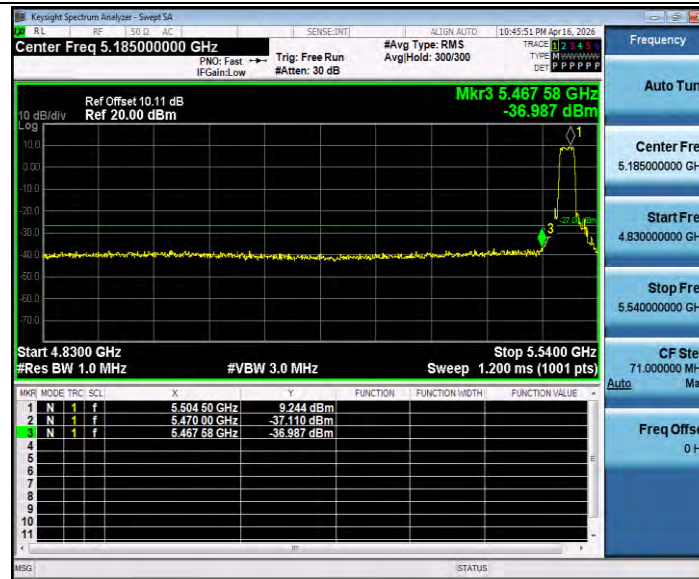
11A_Ant1_Low_5500



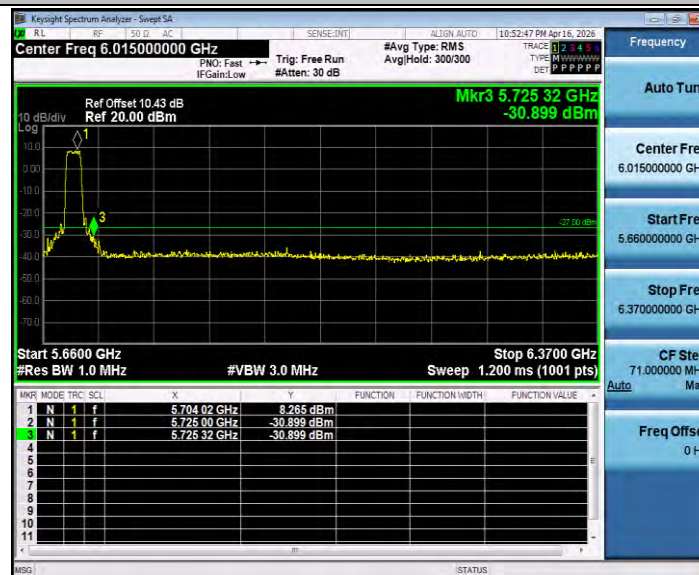
11A_Ant1_High_5700



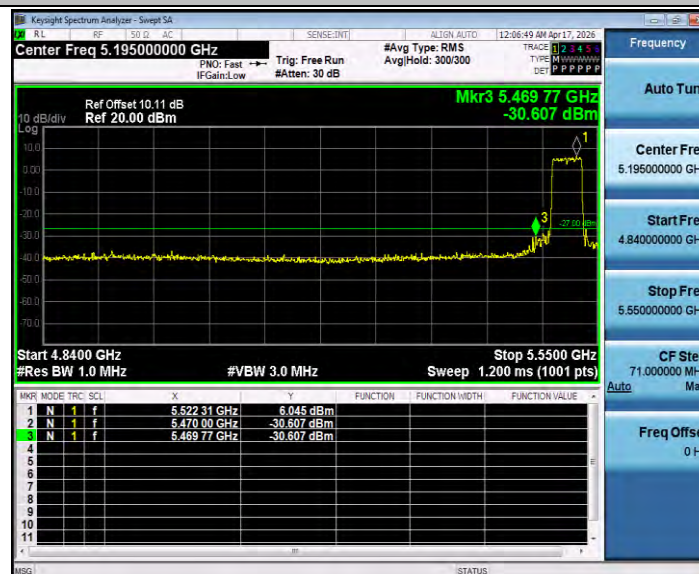
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11N20SISO_Ant1_High_5700



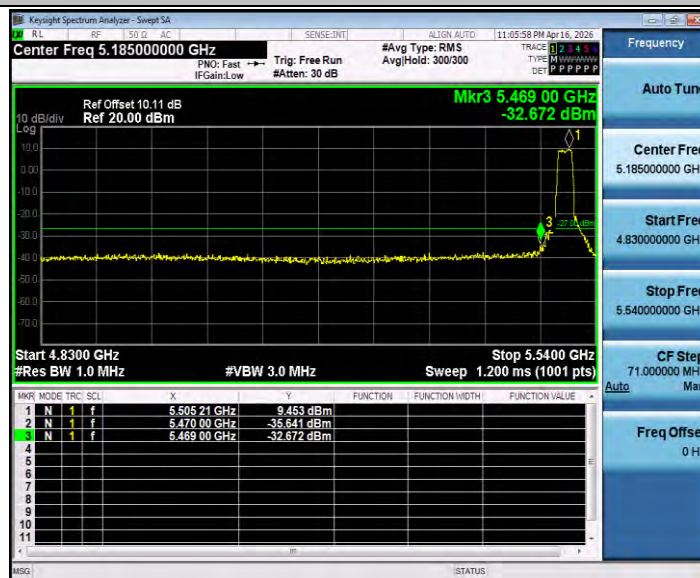
11N40SISO_Ant1_Low_5510



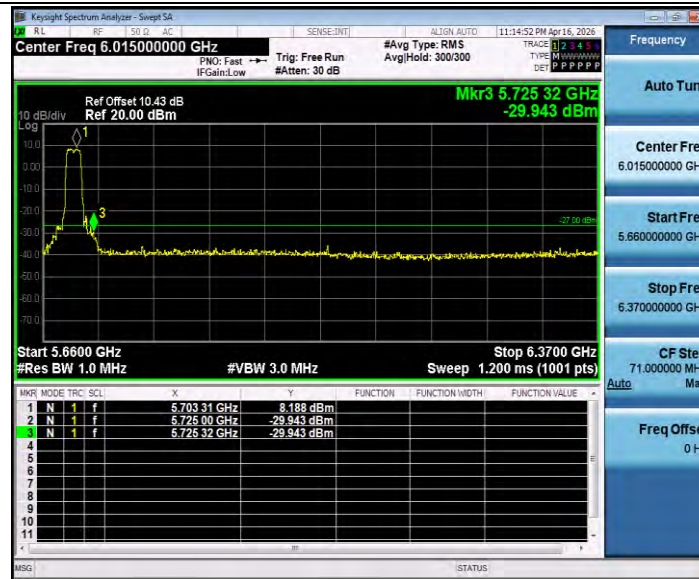
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



11AC40SISO_Ant1_Low_5510



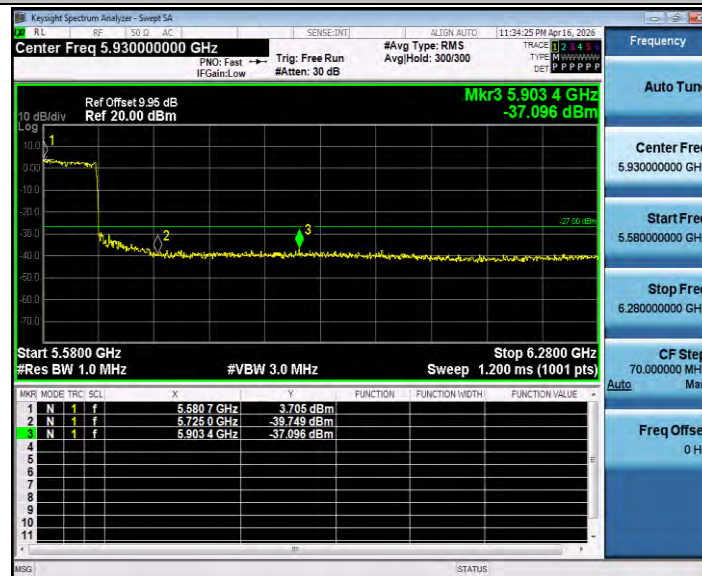
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



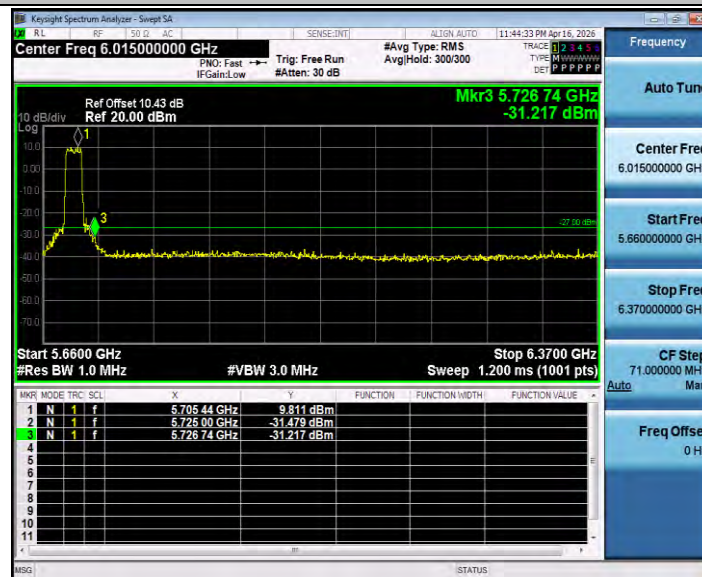
11AC80SISO_Ant1_High_5610



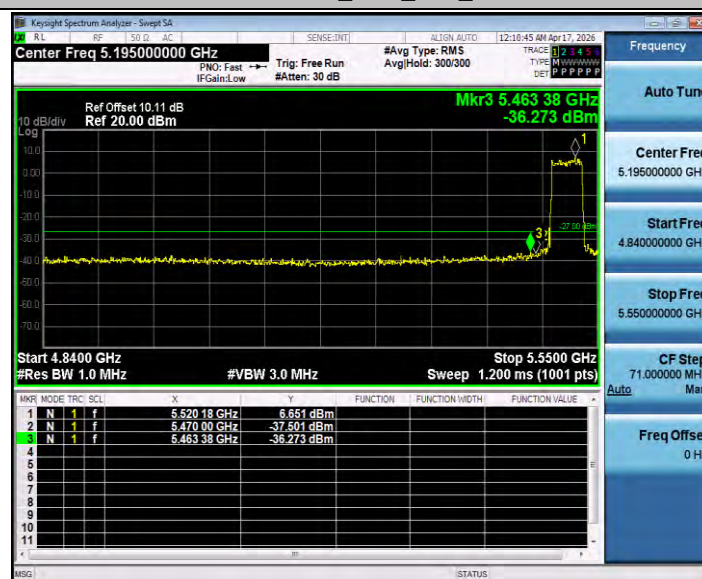
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



11AX40SISO_Ant1_Low_5510



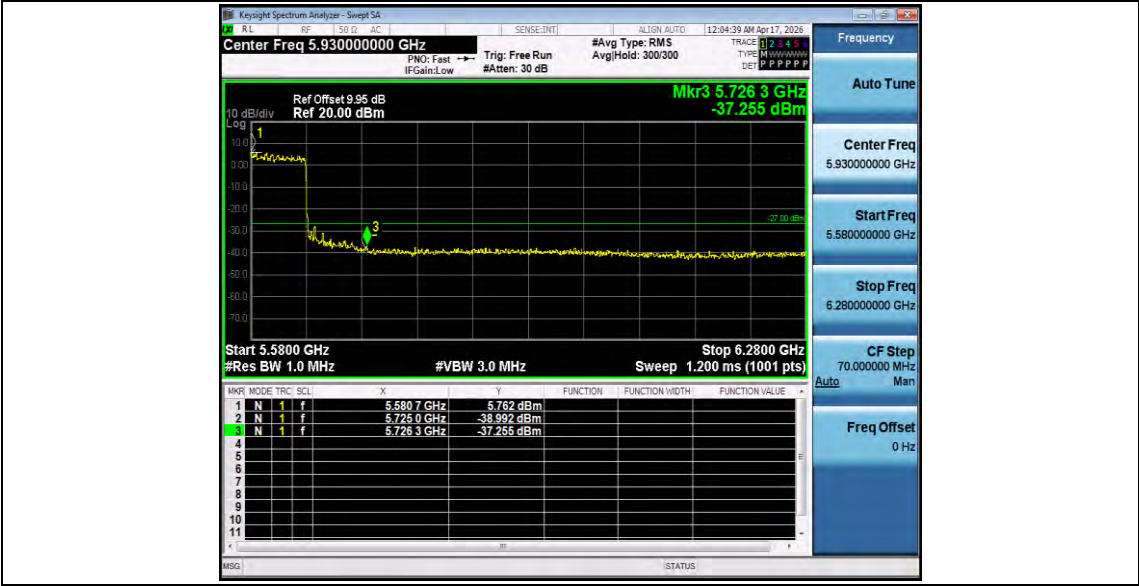
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix F.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5459.46	-39.24	≤-27	PASS
			5735~27000	24241.22	-36.6	≤-27	PASS
		5580	30~5460	5092.93	-45.44	≤-27	PASS
			5735~27000	24244.06	-37.45	≤-27	PASS
		5700	30~5460	4560.07	-45.42	≤-27	PASS
			5735~27000	26100.49	-36.59	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5012.75	-44.49	≤-27	PASS
			5735~27000	24889.09	-37.45	≤-27	PASS
		5580	30~5460	4463.78	-45.94	≤-27	PASS
			5735~27000	26515.16	-36.39	≤-27	PASS
		5700	30~5460	5212.57	-45.07	≤-27	PASS
			5735~27000	26739.86	-36.06	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5459.46	-36.17	≤-27	PASS
			5735~27000	24835.22	-35.91	≤-27	PASS
		5590	30~5460	5423.8	-45.45	≤-27	PASS
			5735~27000	23454.42	-37.2	≤-27	PASS
		5670	30~5460	4536.18	-45.82	≤-27	PASS
			5735~27000	24129.93	-36.54	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5456.74	-43.35	≤-27	PASS
			5735~27000	24236.26	-36.74	≤-27	PASS
		5580	30~5460	5427.6	-45.25	≤-27	PASS
			5735~27000	26849.73	-36.97	≤-27	PASS
		5700	30~5460	5212.21	-44.32	≤-27	PASS
			5735~27000	24266.03	-35.43	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5458.19	-32.7	≤-27	PASS
			5735~27000	24150.49	-35.84	≤-27	PASS
		5590	30~5460	2672.6	-45.44	≤-27	PASS
			5735~27000	25252.02	-36.73	≤-27	PASS
		5670	30~5460	4536.18	-44.56	≤-27	PASS
			5735~27000	24303.6	-35.67	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5457.65	-30.36	≤-27	PASS
			5735~27000	23490.57	-37.26	≤-27	PASS
		5610	30~5460	5446.24	-45.96	≤-27	PASS
			5735~27000	23537.35	-37.11	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5458.55	-43.05	≤-27	PASS
			5735~27000	25501.53	-37.02	≤-27	PASS

		5580	30~5460	5091.67	-44.7	≤ -27	PASS
			5735~27000	24832.39	-36.86	≤ -27	PASS
		5700	30~5460	5211.31	-44.54	≤ -27	PASS
			5735~27000	26465.54	-36.56	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5459.1	-33.93	≤ -27	PASS
			5735~27000	25103.87	-36.38	≤ -27	PASS
		5590	30~5460	5454.57	-45.32	≤ -27	PASS
			5735~27000	25084.02	-36.81	≤ -27	PASS
		5670	30~5460	3332.53	-46.14	≤ -27	PASS
			5735~27000	26737.02	-36.01	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5451.31	-27.48	≤ -27	PASS
			5735~27000	26556.27	-36.56	≤ -27	PASS
		5610	30~5460	5436.29	-44.78	≤ -27	PASS
			5735~27000	26579.66	-37.21	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~27000



11A_Ant1_5580_30~5460



11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



11N20SISO_Ant1_5500_30~5460



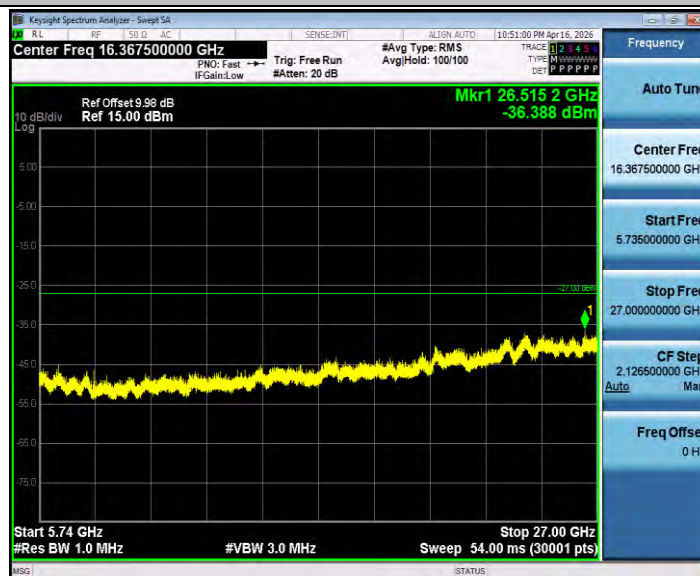
11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



11N20SISO_Ant1_5700_30~5460



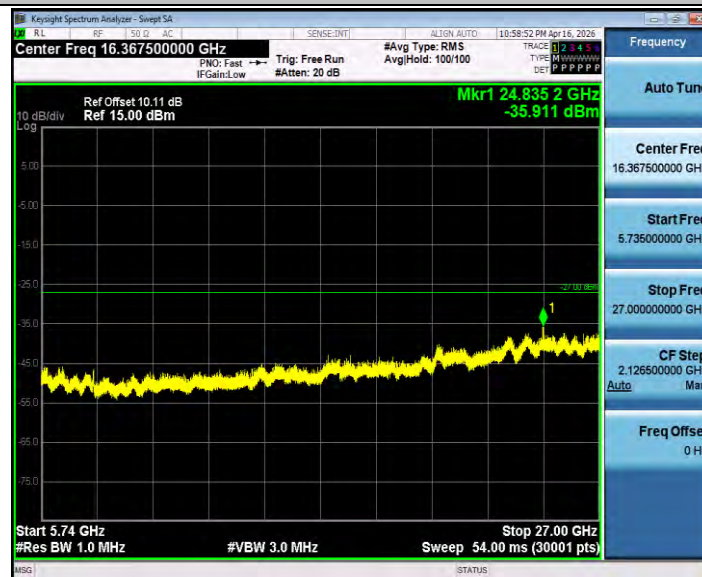
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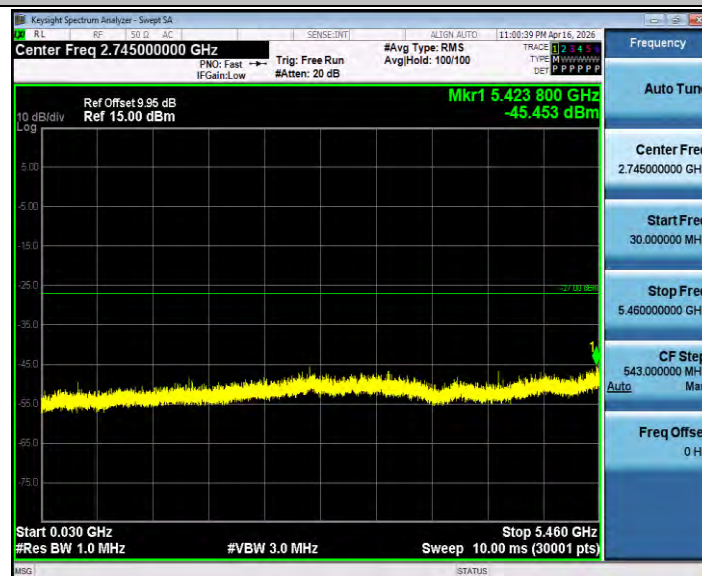
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



11N40SISO_Ant1_5670_30~5460



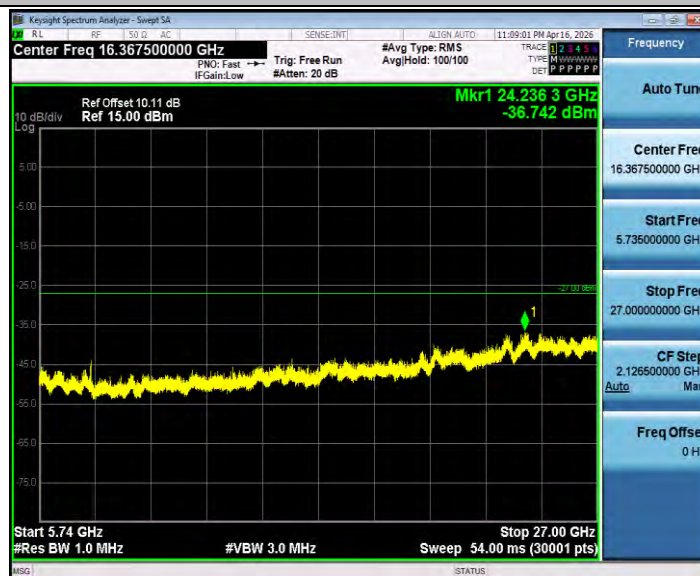
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11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~27000



11AC20SISO_Ant1_5580_30~5460



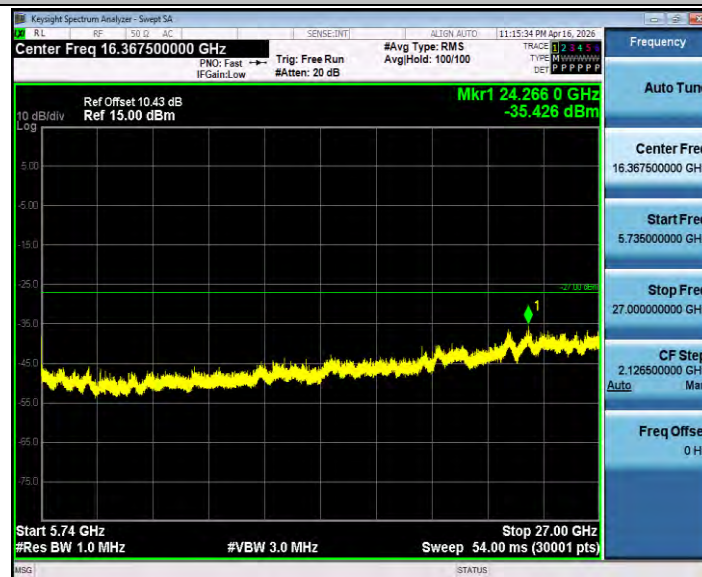
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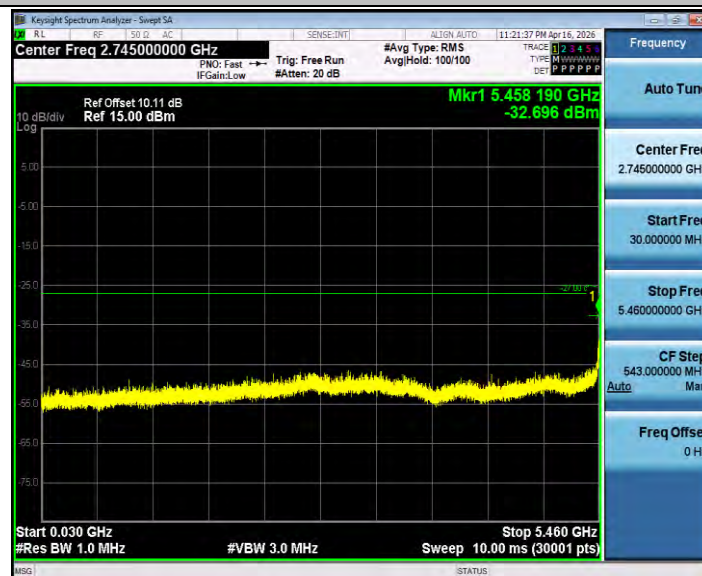
11AC20SISO_Ant1_5700_30~5460



11AC20SISO_Ant1_5700_5735~27000



11AC40SISO_Ant1_5510_30~5460

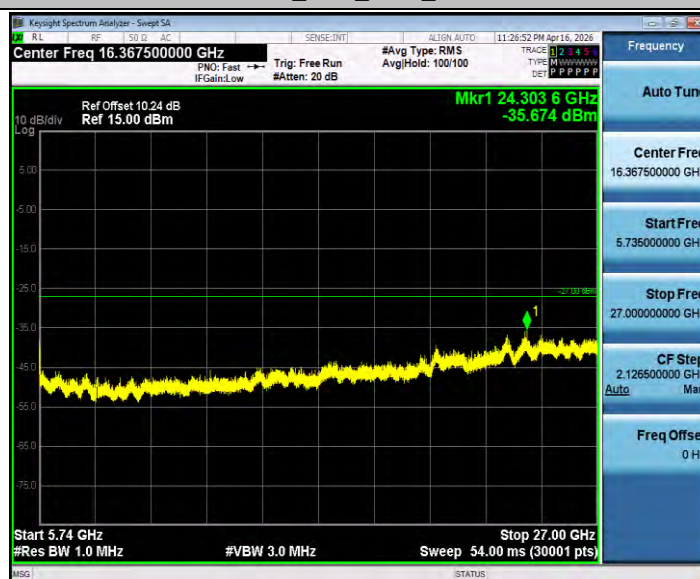




11AC40SISO_Ant1_5670_30~5460



11AC40SISO_Ant1_5670_5735~27000



11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~27000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~27000



11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~27000



11AX20SISO_Ant1_5580_30~5460



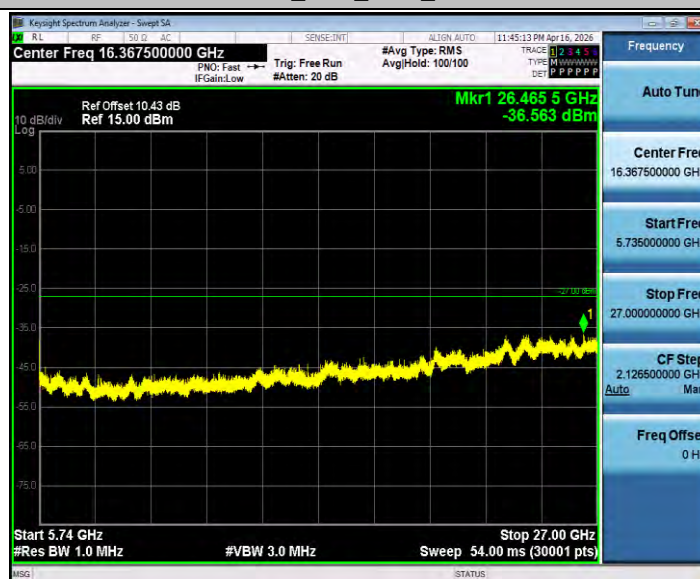
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11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~27000



11AX40SISO_Ant1_5510_30~5460



11AX40SISO_Ant1_5510_5735~27000



11AX40SISO_Ant1_5590_30~5460



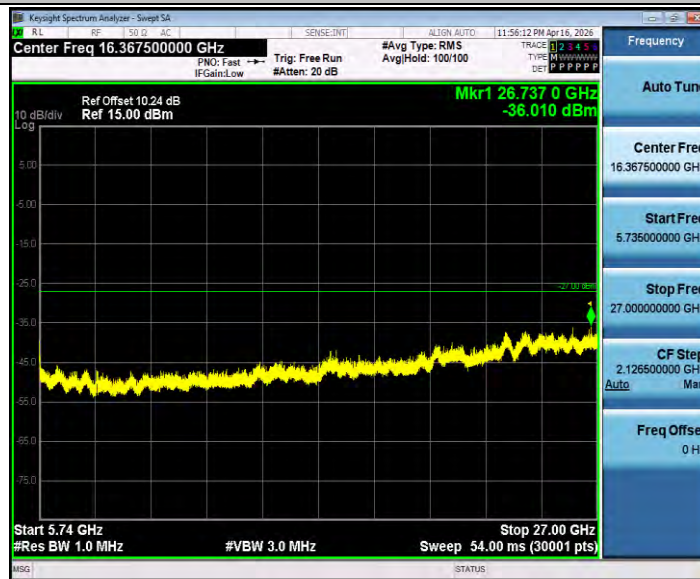
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11AX40SISO_Ant1_5670_30~5460



11AX40SISO_Ant1_5670_5735~27000



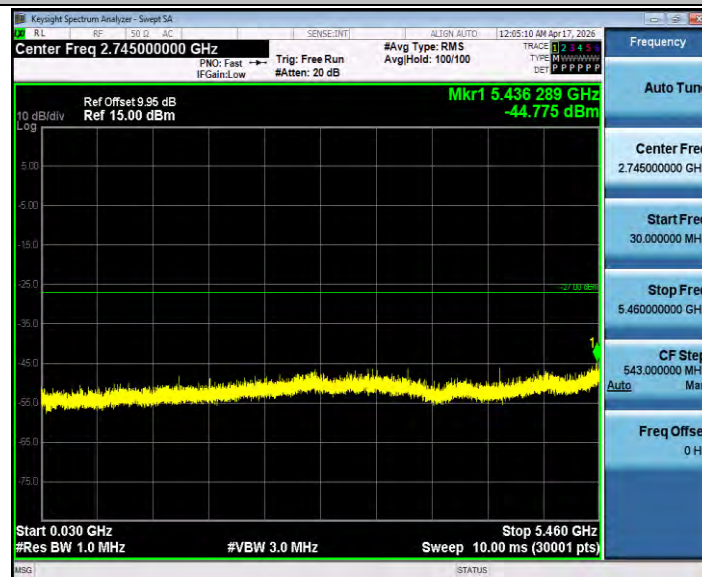
11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

