

Appendix D.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	11.28	95.86	0.18	11.46	≤23.98	PASS
		5580	11.41	95.86	0.18	11.59	≤23.98	PASS
		5700	11.64	96.53	0.15	11.79	≤23.98	PASS
11N20SISO	Ant1	5500	11.25	95.86	0.18	11.43	≤23.98	PASS
		5580	11.42	96.53	0.15	11.57	≤23.98	PASS
		5700	11.56	96.53	0.15	11.71	≤23.98	PASS
11N40SISO	Ant1	5510	9.78	92.86	0.32	10.10	≤23.98	PASS
		5590	9.99	91.55	0.38	10.37	≤23.98	PASS
		5670	10.53	92.86	0.32	10.85	≤23.98	PASS
11AC20SISO	Ant1	5500	10.27	95.62	0.19	10.46	≤23.98	PASS
		5580	10.21	96.32	0.16	10.37	≤23.98	PASS
		5700	10.55	95.62	0.19	10.74	≤23.98	PASS
11AC40SISO	Ant1	5510	9.97	91.55	0.38	10.35	≤23.98	PASS
		5590	10.06	92.86	0.32	10.38	≤23.98	PASS
		5670	10.72	92.86	0.32	11.04	≤23.98	PASS
11AC80SISO	Ant1	5530	10.15	86.84	0.61	10.76	≤23.98	PASS
		5610	10.13	86.84	0.61	10.74	≤23.98	PASS
11AX20SISO	Ant1	5500	10.28	96.32	0.16	10.44	≤23.98	PASS
		5580	10.38	95.59	0.20	10.58	≤23.98	PASS
		5700	10.68	96.32	0.16	10.84	≤23.98	PASS
11AX40SISO	Ant1	5510	10.08	91.55	0.38	10.46	≤23.98	PASS
		5590	10.07	91.55	0.38	10.45	≤23.98	PASS
		5670	10.50	92.86	0.32	10.82	≤23.98	PASS
11AX80SISO	Ant1	5530	10.24	86.84	0.61	10.85	≤23.98	PASS
		5610	10.34	86.49	0.63	10.97	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	0.81	≤11.00	PASS
		5580	0.89	≤11.00	PASS
		5700	1.25	≤11.00	PASS
11N20SISO	Ant1	5500	0.70	≤11.00	PASS
		5580	0.87	≤11.00	PASS
		5700	1.22	≤11.00	PASS
11N40SISO	Ant1	5510	-3.42	≤11.00	PASS
		5590	-3.38	≤11.00	PASS
		5670	-2.91	≤11.00	PASS
11AC20SISO	Ant1	5500	-0.79	≤11.00	PASS
		5580	-0.76	≤11.00	PASS
		5700	-0.29	≤11.00	PASS
11AC40SISO	Ant1	5510	-3.23	≤11.00	PASS
		5590	-3.23	≤11.00	PASS
		5670	-2.64	≤11.00	PASS
11AC80SISO	Ant1	5530	-5.20	≤11.00	PASS
		5610	-5.32	≤11.00	PASS
11AX20SISO	Ant1	5500	-0.56	≤11.00	PASS
		5580	-0.43	≤11.00	PASS
		5700	0.04	≤11.00	PASS
11AX40SISO	Ant1	5510	-3.11	≤11.00	PASS
		5590	-3.12	≤11.00	PASS
		5670	-2.75	≤11.00	PASS
11AX80SISO	Ant1	5530	-5.04	≤11.00	PASS
		5610	-5.28	≤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

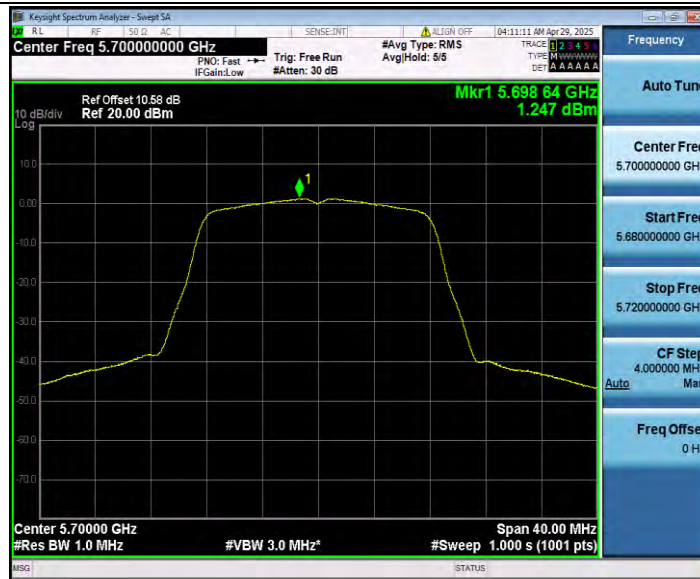
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



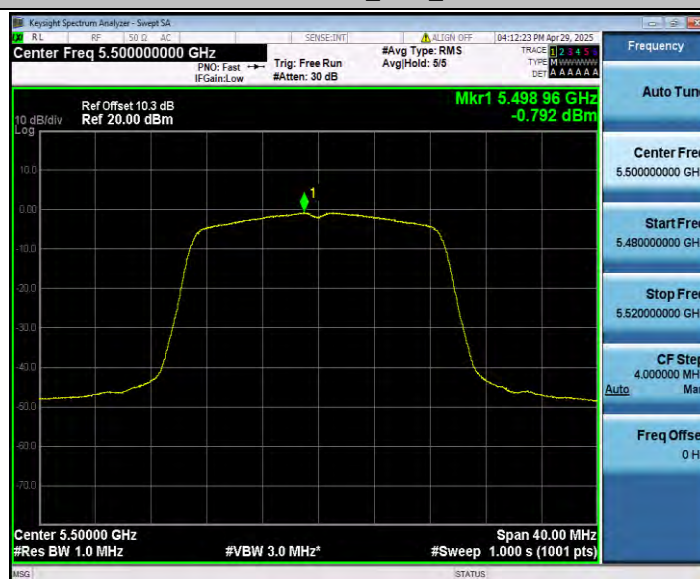
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



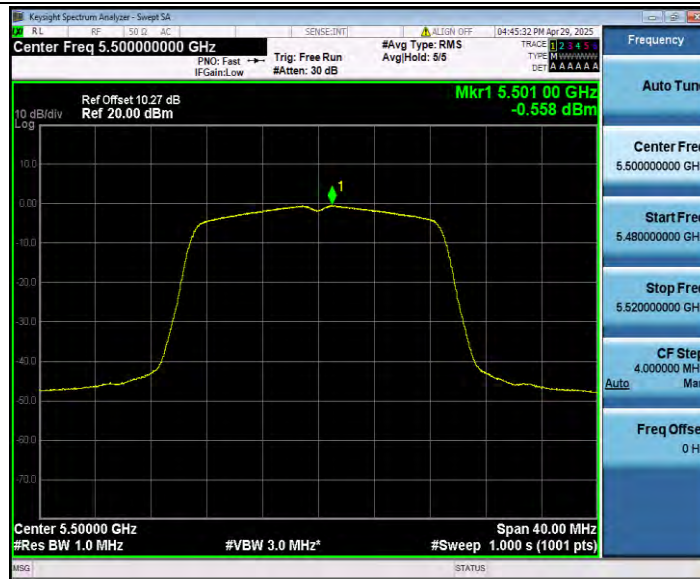
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11AC80SISO_Ant1_5610



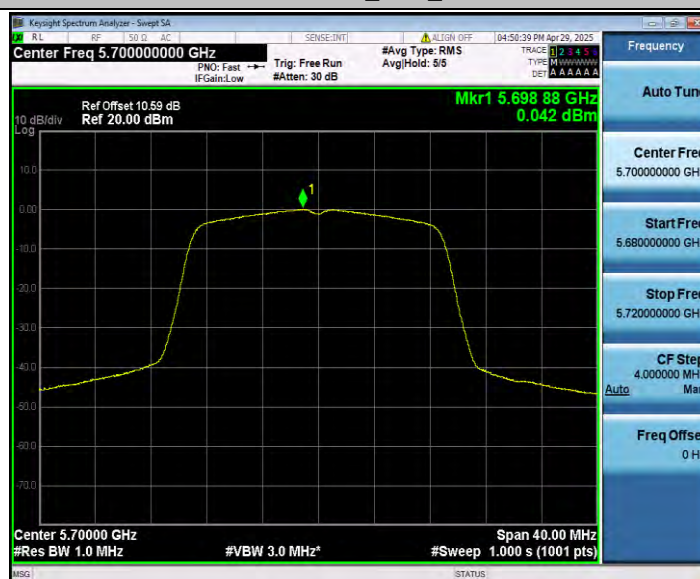
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11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

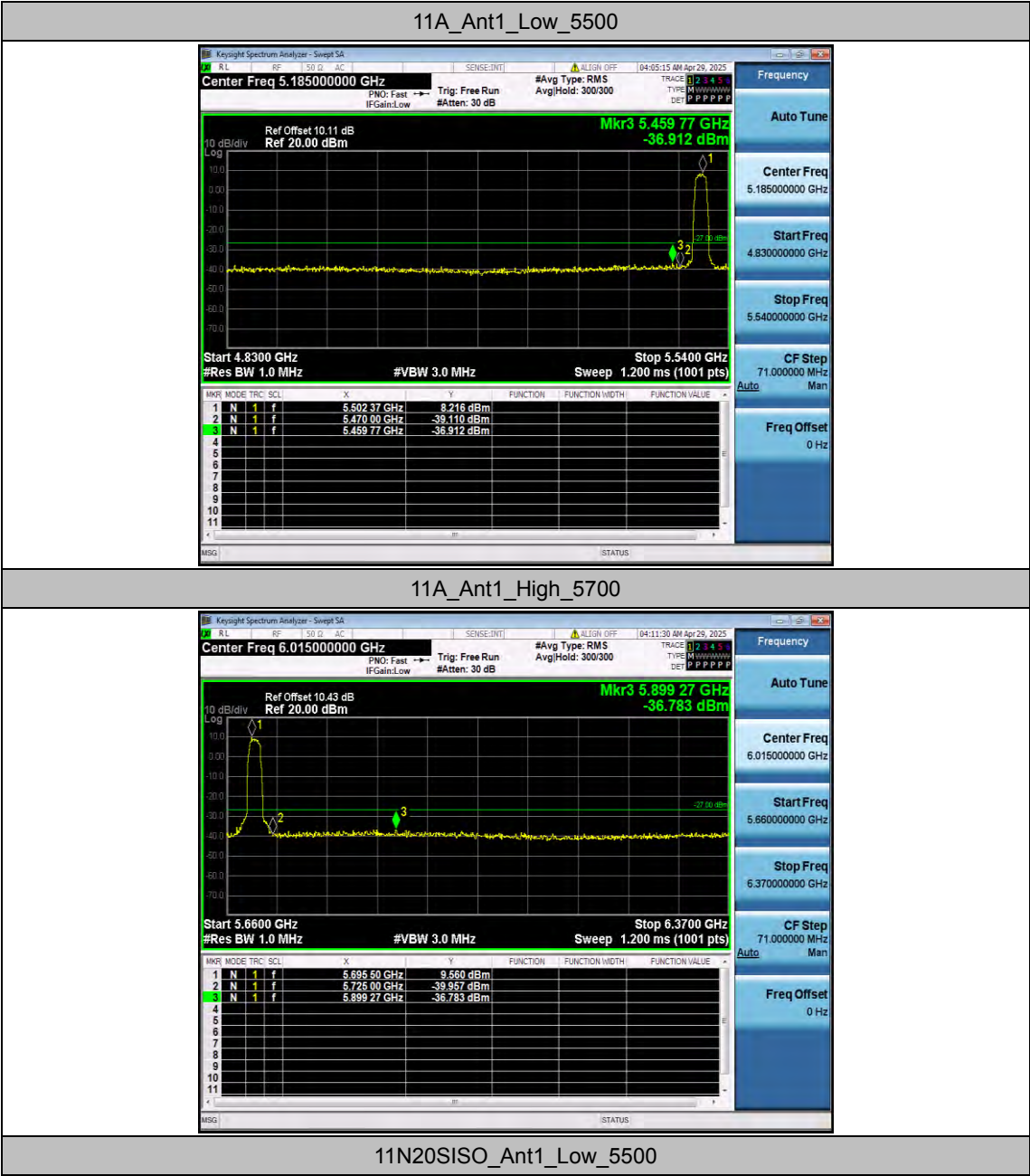


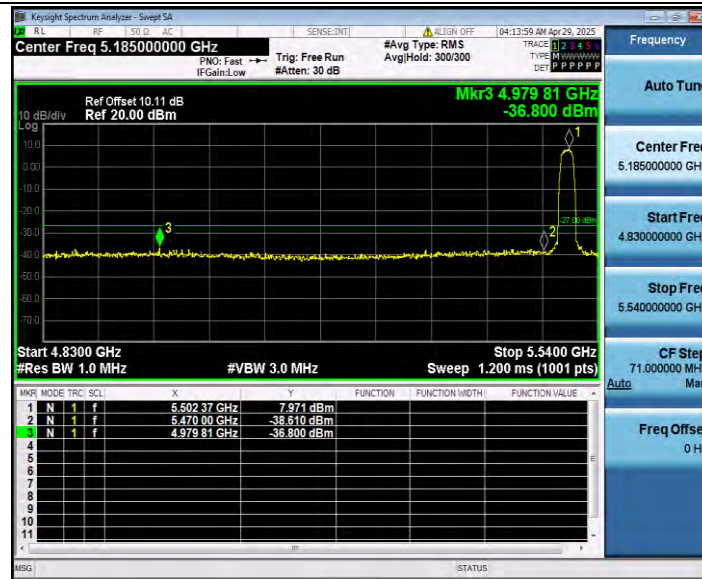
Appendix D.6: Band edge measurements

Test Result B3

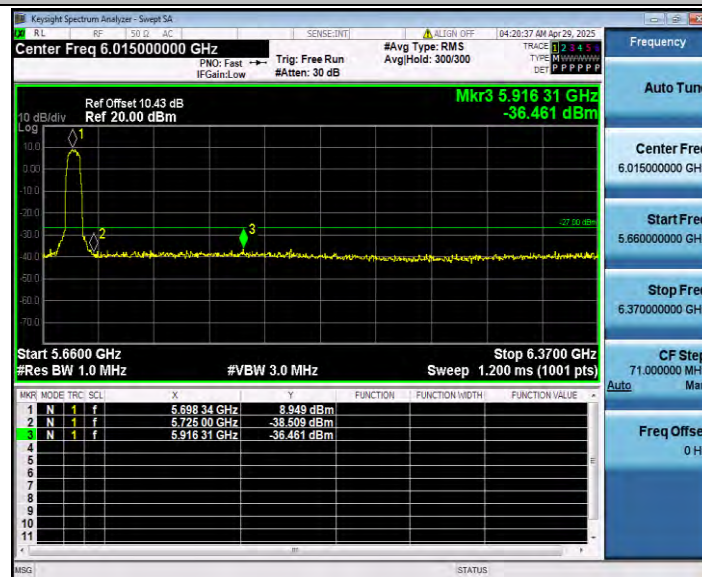
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.91	≤ -27	PASS
		High	5700	-36.78	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-36.8	≤ -27	PASS
		High	5700	-36.46	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-36.99	≤ -27	PASS
		High	5670	-37.17	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-37.94	≤ -27	PASS
		High	5700	-37.45	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-37.44	≤ -27	PASS
		High	5670	-36.15	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-36.15	≤ -27	PASS
		High	5610	-37.9	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-36.37	≤ -27	PASS
		High	5700	-36.73	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-37.17	≤ -27	PASS
		High	5670	-37.43	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-36.24	≤ -27	PASS
		High	5610	-37.4	≤ -27	PASS

Test Graphs B3

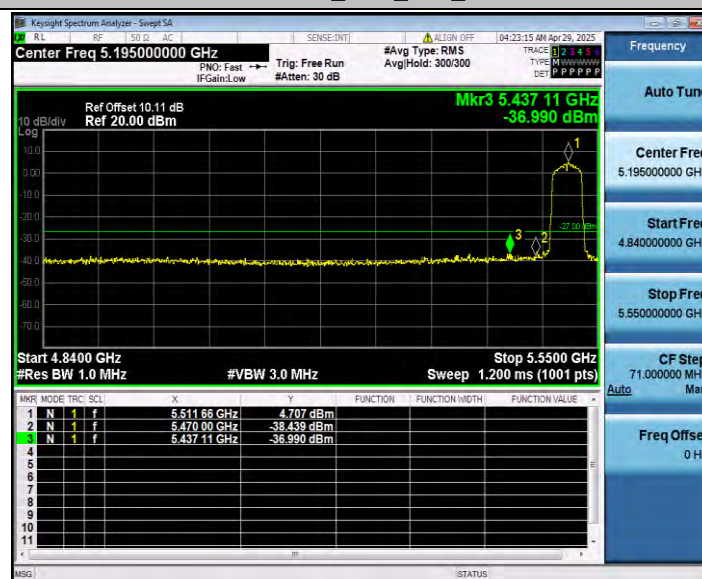




11N20SISO_Ant1_High_5700



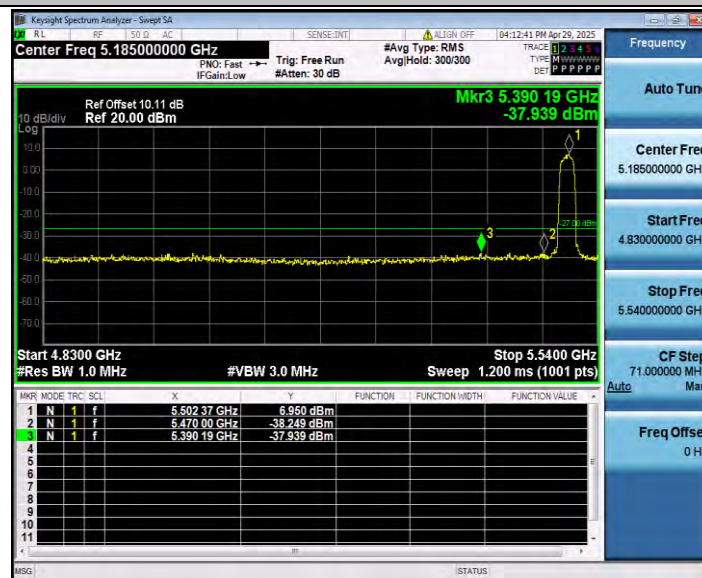
11N40SISO_Ant1_Low_5510



11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



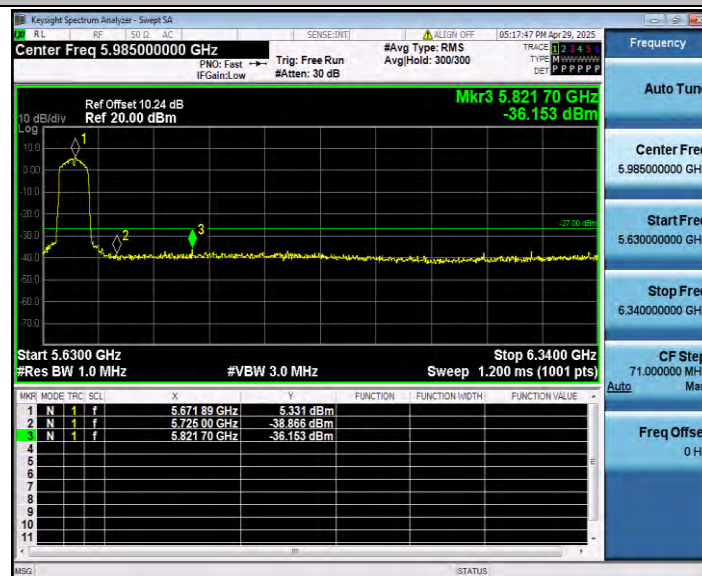
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11AC40SISO_Ant1_Low_5510



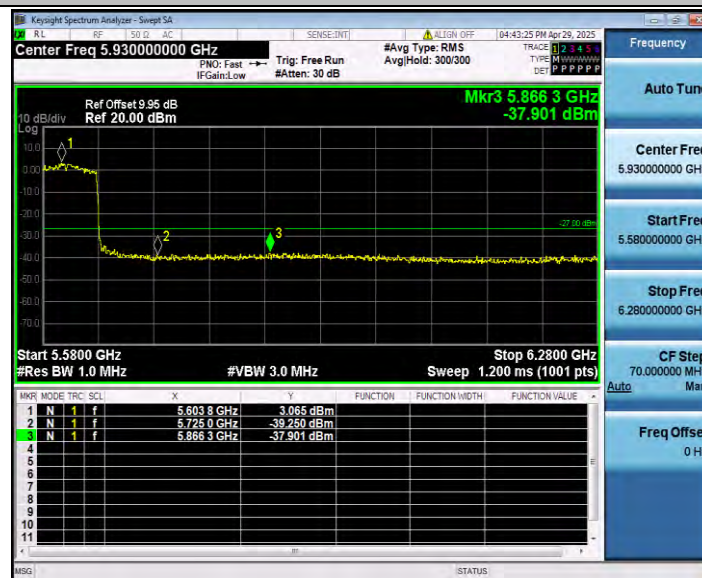
11AC40SISO_Ant1_High_5670



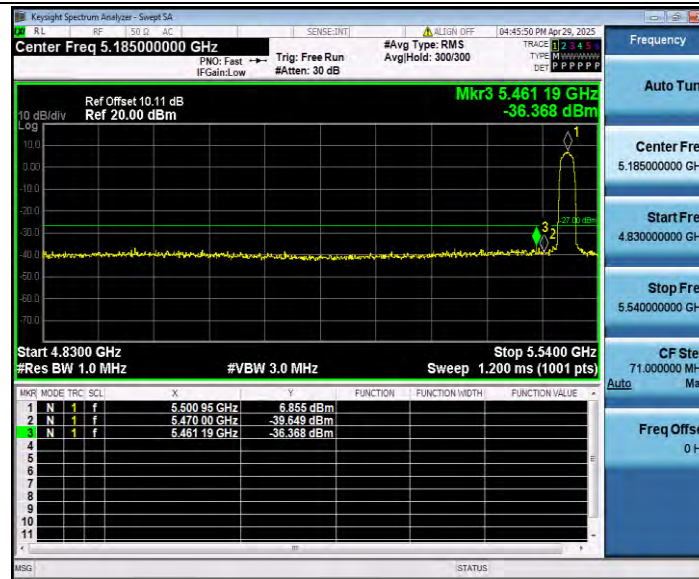
11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



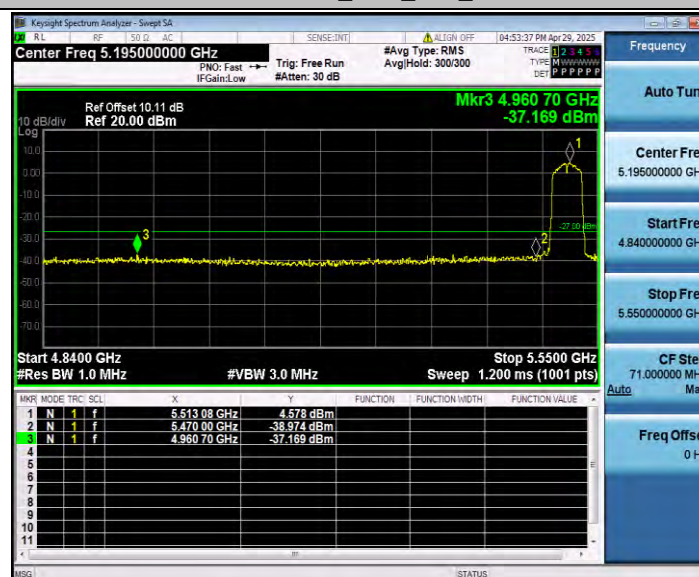
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



11AX40SISO_Ant1_Low_5510



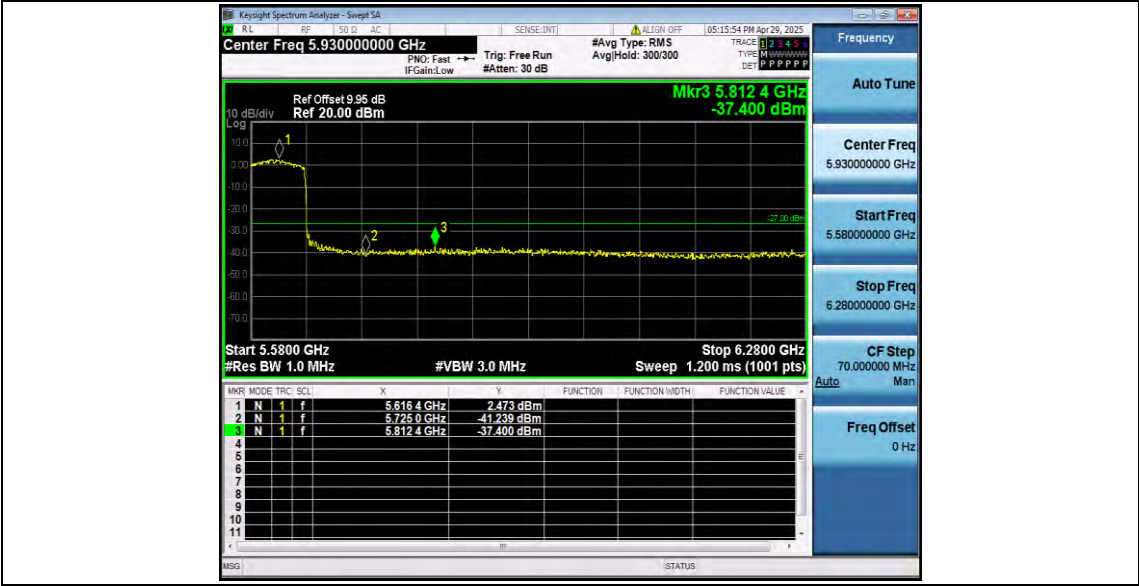
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix D.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	41.58	-36.43	≤-27	PASS
			5735~27000	26845.47	-36.83	≤-27	PASS
		5580	30~5460	38.33	-39.15	≤-27	PASS
			5735~27000	25638.33	-37.09	≤-27	PASS
		5700	30~5460	38.15	-38.75	≤-27	PASS
			5735~27000	26062.92	-36.42	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	37.6	-37.95	≤-27	PASS
			5735~27000	24252.56	-36.9	≤-27	PASS
		5580	30~5460	39.41	-39.24	≤-27	PASS
			5735~27000	24271.7	-36.45	≤-27	PASS
		5700	30~5460	39.05	-38.58	≤-27	PASS
			5735~27000	26032.44	-36.88	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	39.41	-40.75	≤-27	PASS
			5735~27000	26597.38	-37.05	≤-27	PASS
		5590	30~5460	2664.46	-46.54	≤-27	PASS
			5735~27000	26065.76	-37.87	≤-27	PASS
		5670	30~5460	5379.64	-46.34	≤-27	PASS
			5735~27000	24273.12	-37.21	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	1736.83	-36.51	≤-27	PASS
			5735~27000	24957.85	-37.67	≤-27	PASS
		5580	30~5460	1748.23	-39.82	≤-27	PASS
			5735~27000	24260.36	-37.38	≤-27	PASS
		5700	30~5460	2337.57	-39.56	≤-27	PASS
			5735~27000	26914.94	-36.61	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	1739.36	-38.71	≤-27	PASS
			5735~27000	25241.38	-37.05	≤-27	PASS
		5590	30~5460	1756.56	-45.45	≤-27	PASS
			5735~27000	26481.13	-37.41	≤-27	PASS
		5670	30~5460	35.79	-36.71	≤-27	PASS
			5735~27000	5798.8	-30	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5437.56	-40.2	≤-27	PASS
			5735~27000	24288	-36.65	≤-27	PASS
		5610	30~5460	36.88	-46.25	≤-27	PASS
			5735~27000	24301.47	-36.53	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5415.47	-45.37	≤-27	PASS
			5735~27000	24271.7	-35.69	≤-27	PASS

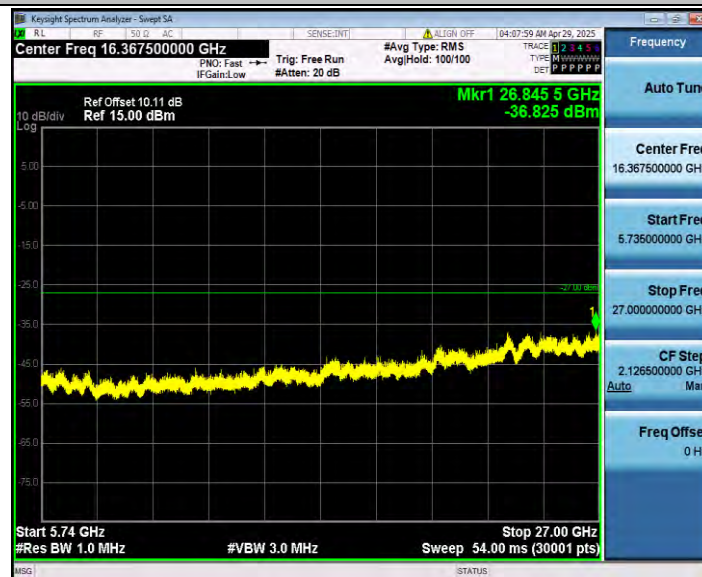
		5580	30~5460	5027.77	-46.08	≤ -27	PASS
			5735~27000	24289.42	-36.88	≤ -27	PASS
		5700	30~5460	4936.01	-46.13	≤ -27	PASS
			5735~27000	24241.22	-36.01	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5458.01	-45.85	≤ -27	PASS
			5735~27000	24823.17	-36.15	≤ -27	PASS
		5590	30~5460	36.88	-39.85	≤ -27	PASS
			5735~27000	24792.69	-36.13	≤ -27	PASS
		5670	30~5460	4960.8	-46.54	≤ -27	PASS
			5735~27000	24298.64	-36.9	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5436.83	-39.12	≤ -27	PASS
			5735~27000	24297.22	-35.48	≤ -27	PASS
		5610	30~5460	2413.59	-44.43	≤ -27	PASS
			5735~27000	26837.68	-36.39	≤ -27	PASS

Test Graphs

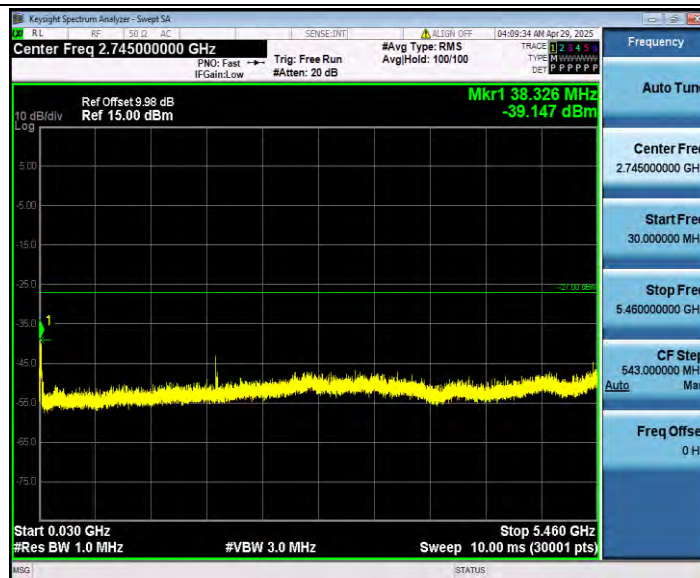
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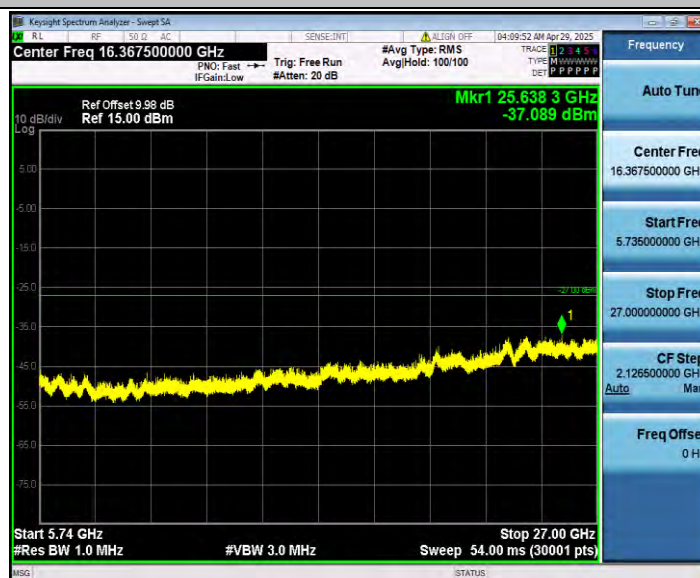
11A_Ant1_5500_5735~27000



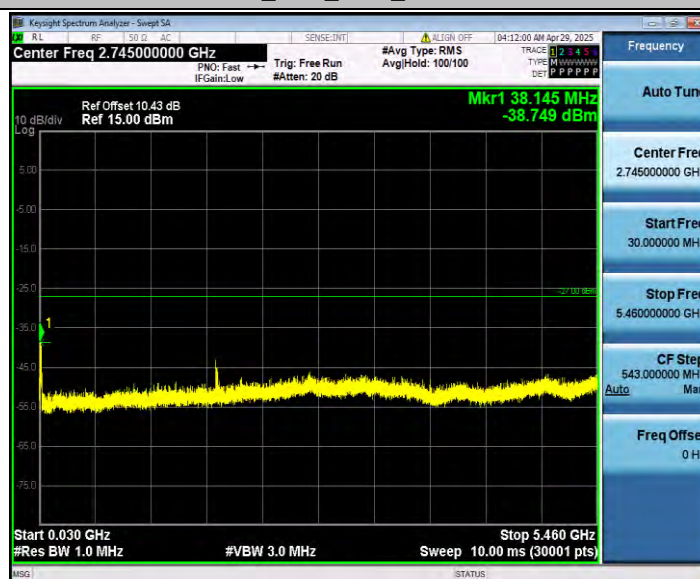
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11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



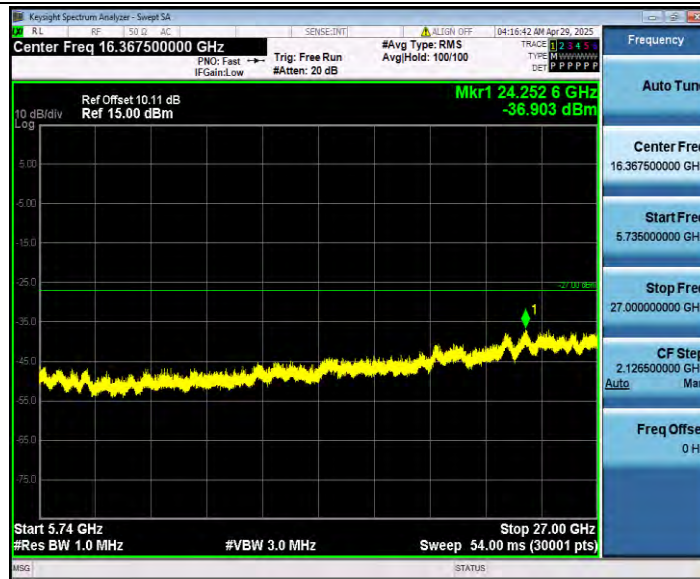
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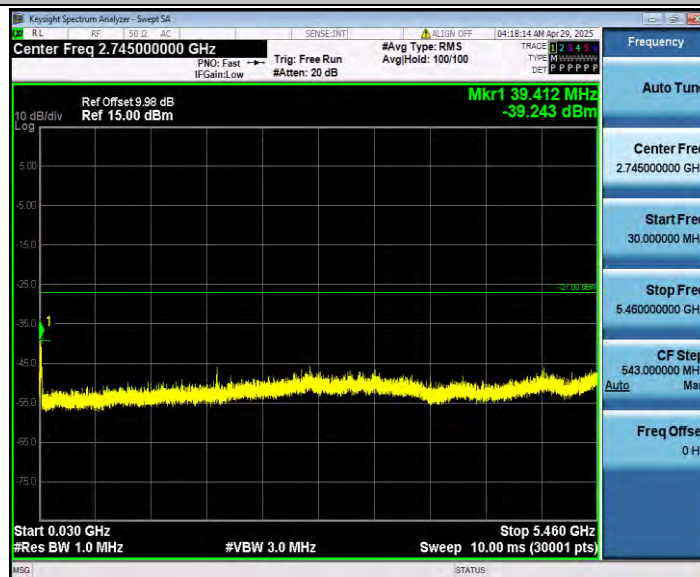
11N20SISO_Ant1_5500_30~5460



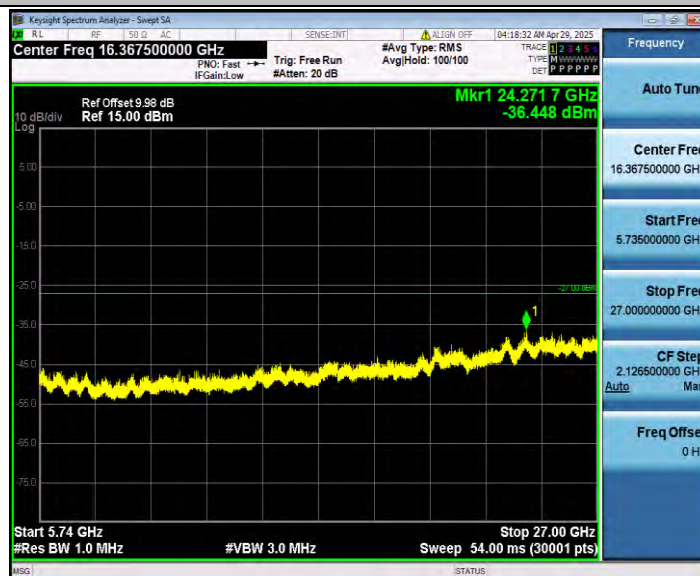
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11N20SISO_Ant1_5580_30~5460



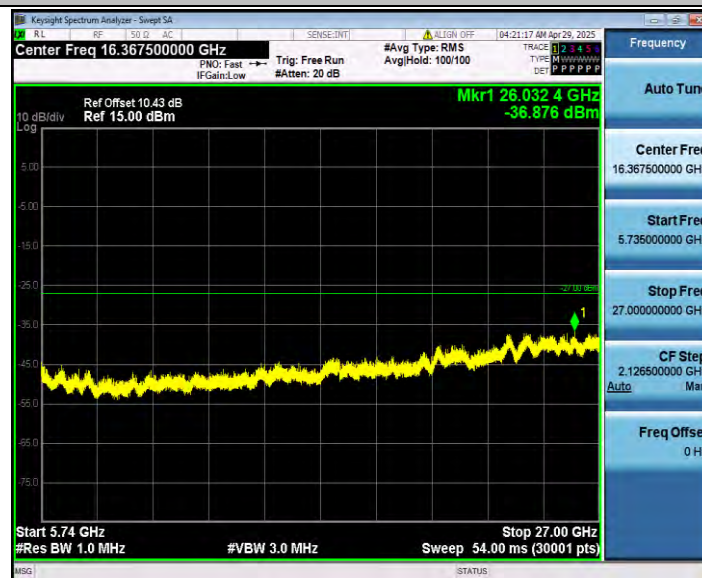
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11N20SISO_Ant1_5700_30~5460



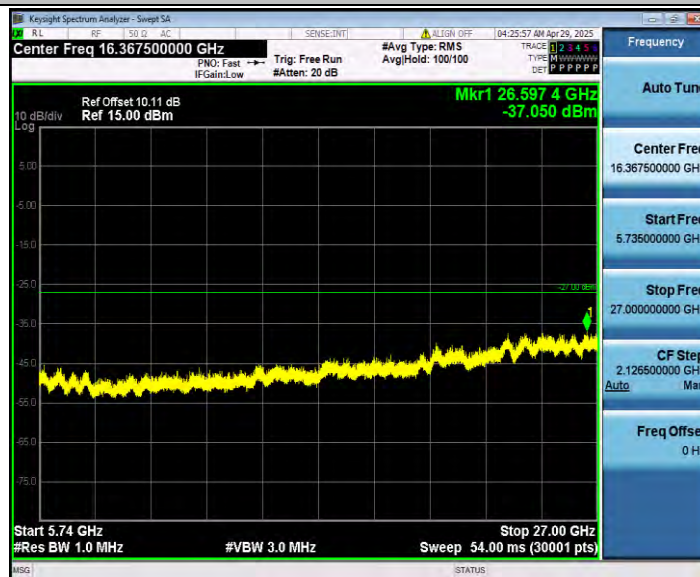
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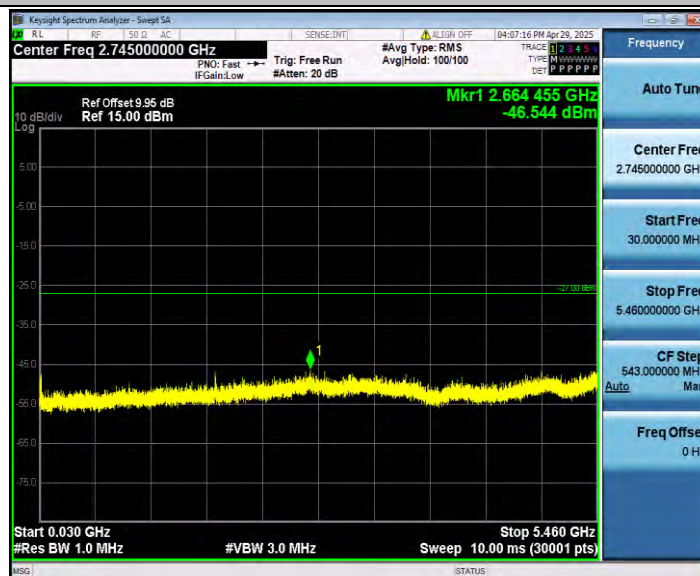
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



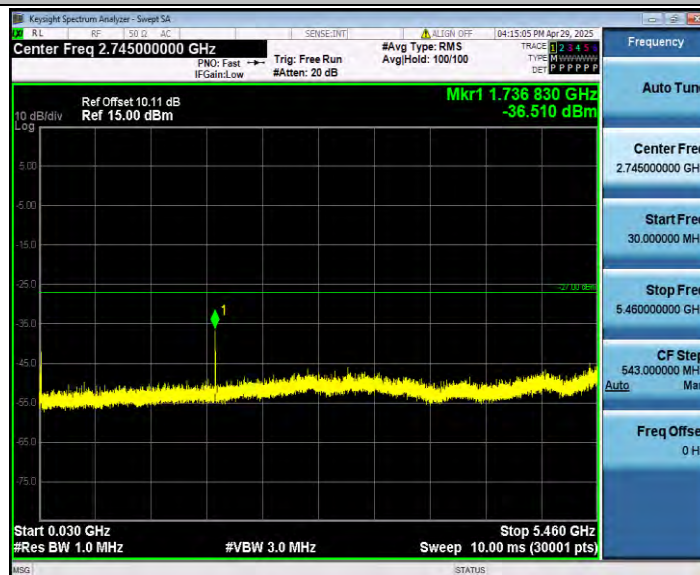
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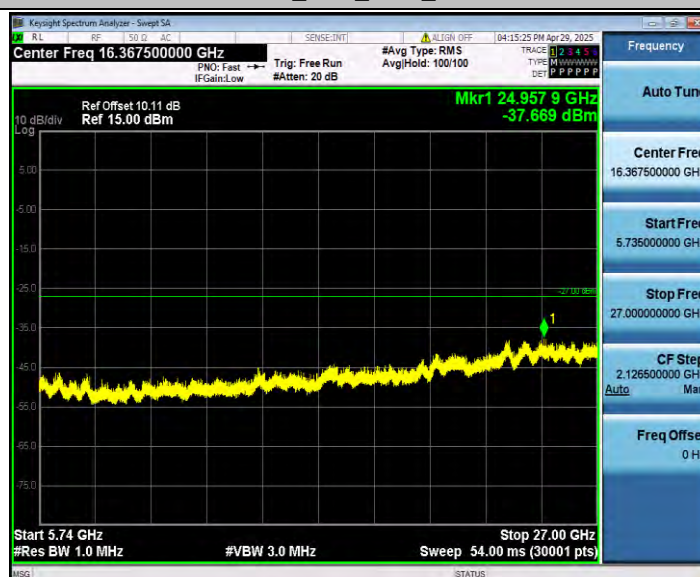
11N40SISO_Ant1_5670_5735~27000



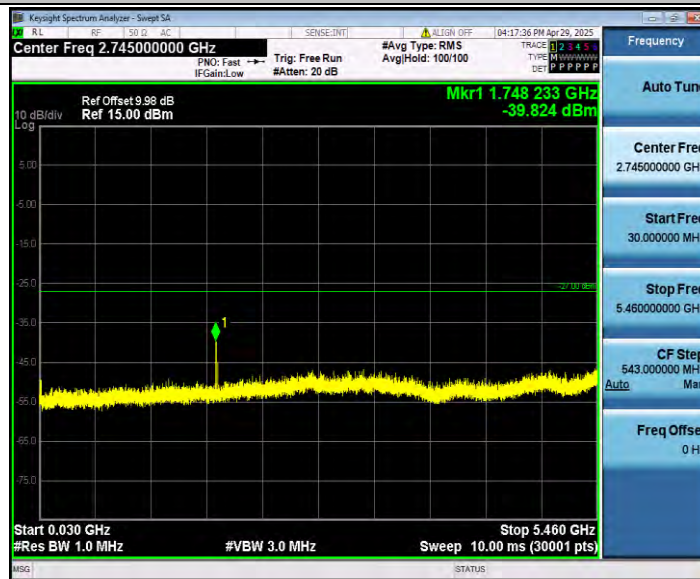
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11AC20SISO_Ant1_5500_5735~27000



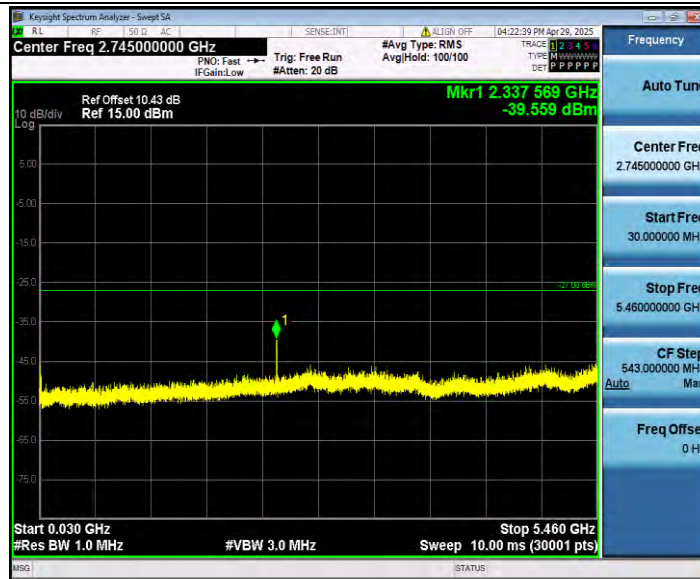
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11AC20SISO_Ant1_5580_5735~27000



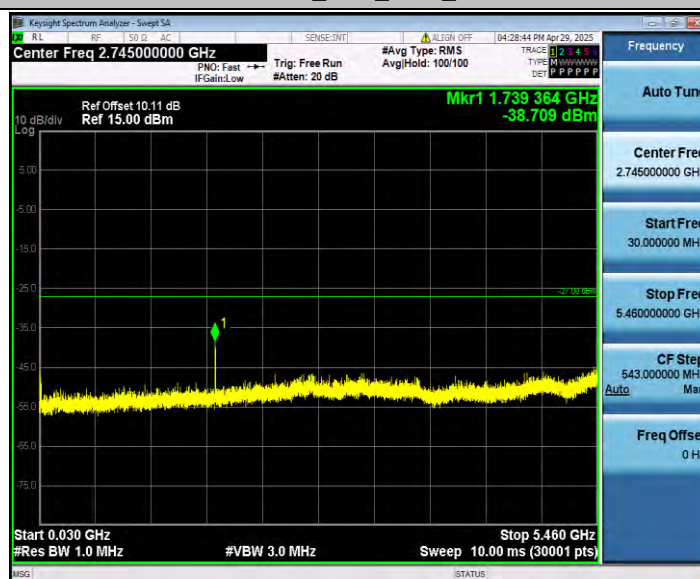
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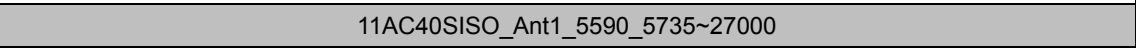
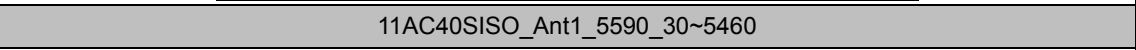


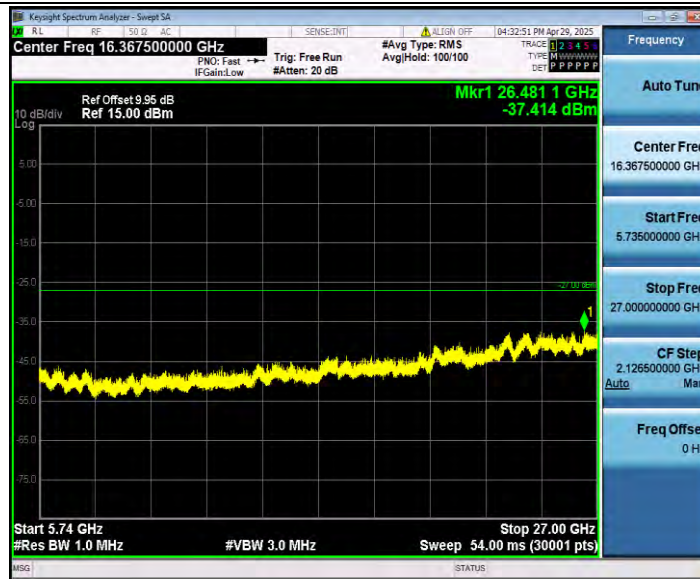
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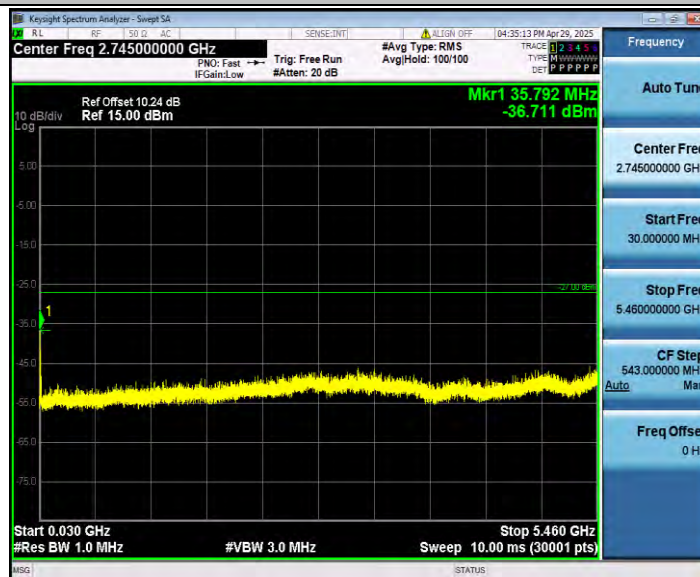
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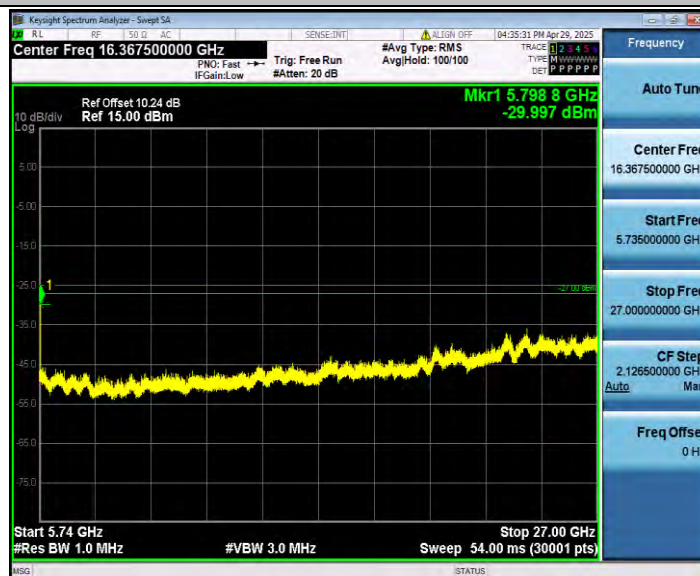




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11AC40SISO_Ant1_5670_5735~27000



11AC80SISO_Ant1_5530_30~5460



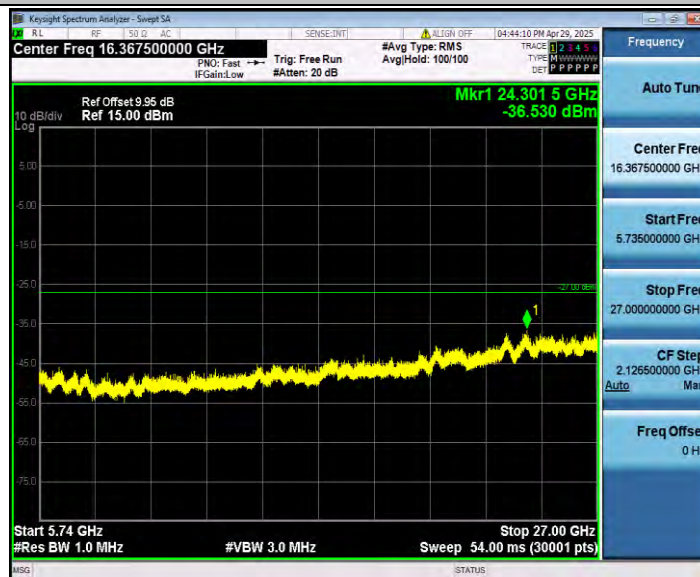
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11AC80SISO_Ant1_5610_30~5460



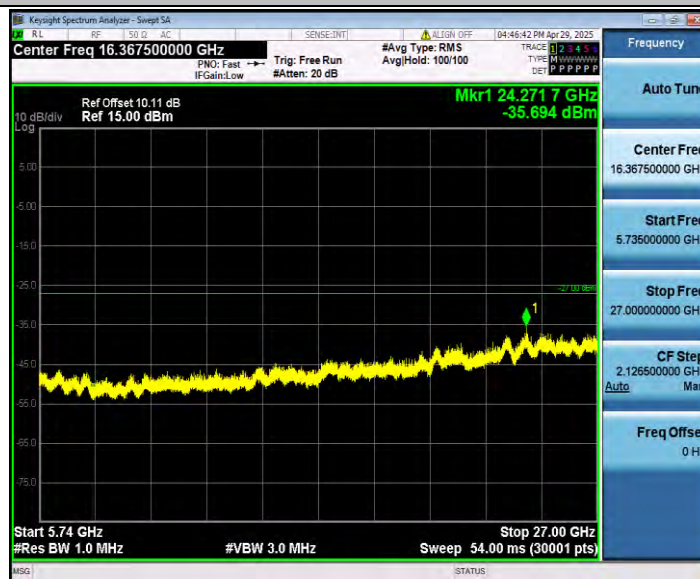
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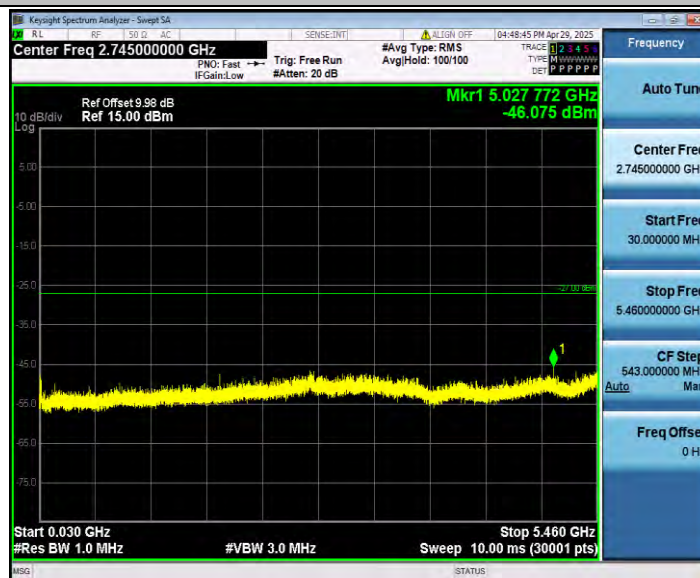
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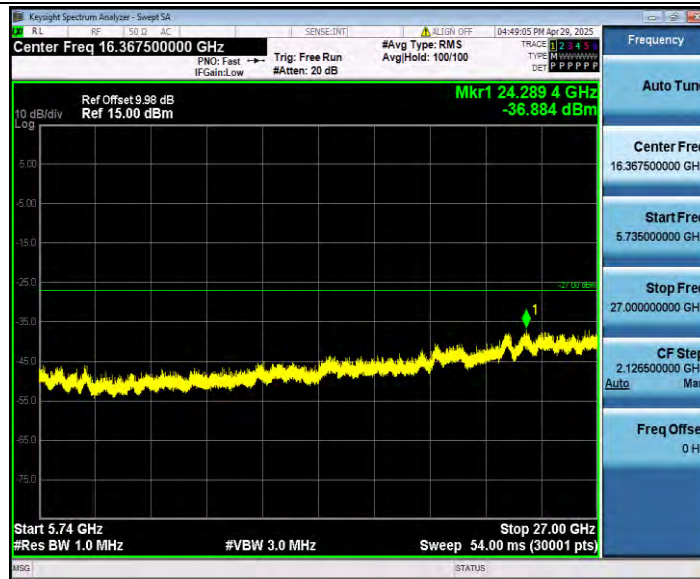
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11AX20SISO_Ant1_5580_30~5460



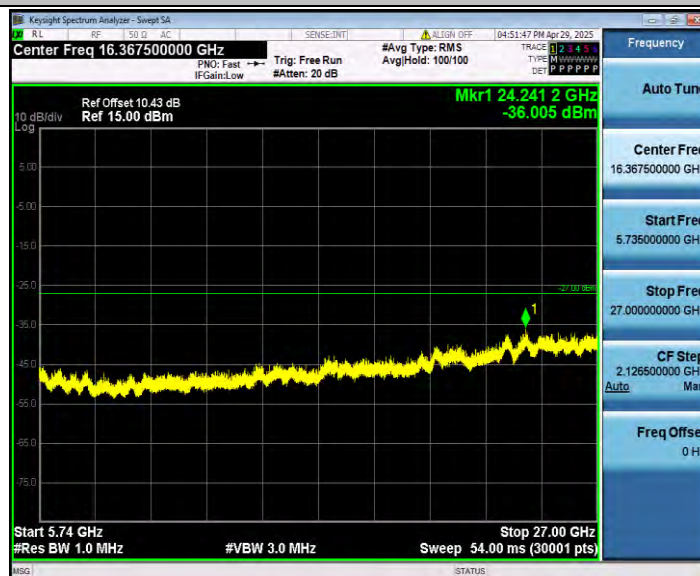
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11AX20SISO_Ant1_5700_30~5460



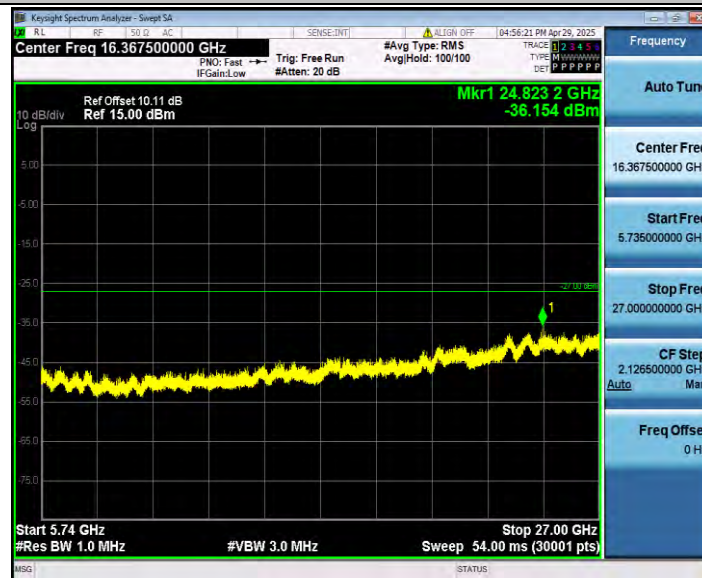
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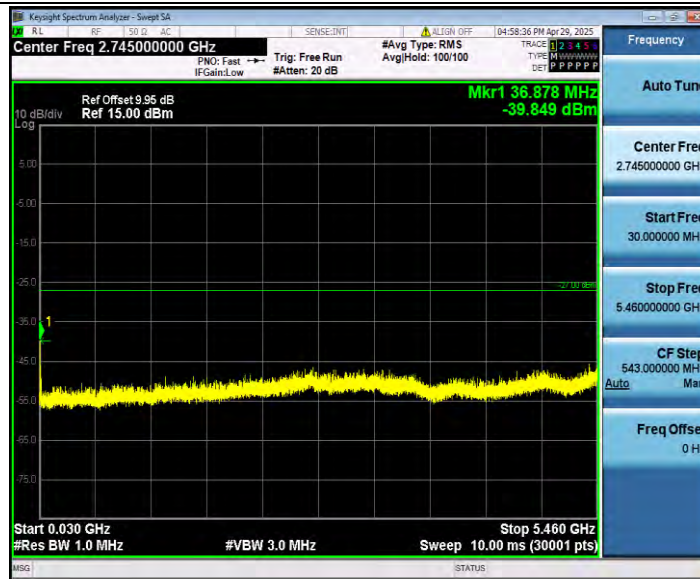
11AX40SISO_Ant1_5510_30~5460



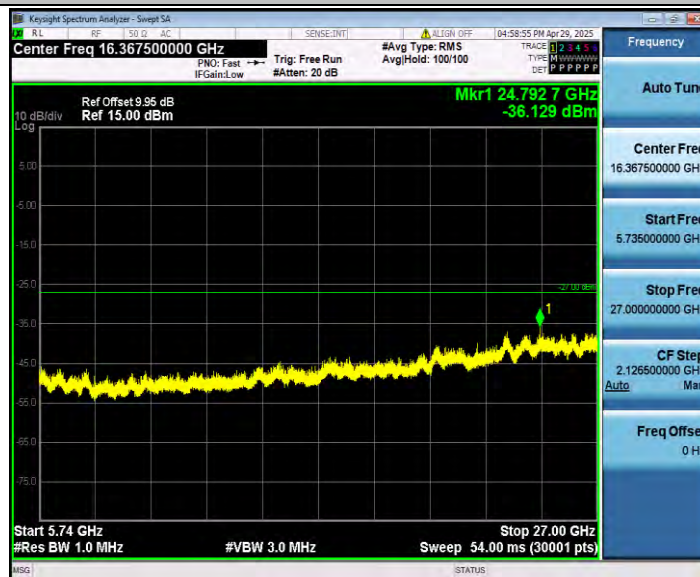
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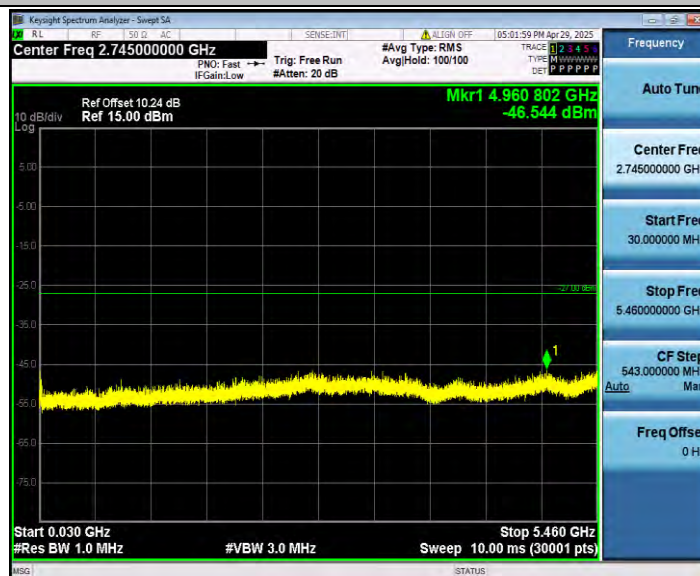
11AX40SISO_Ant1_5590_30~5460



11AX40SISO_Ant1_5590_5735~27000



11AX40SISO_Ant1_5670_30~5460



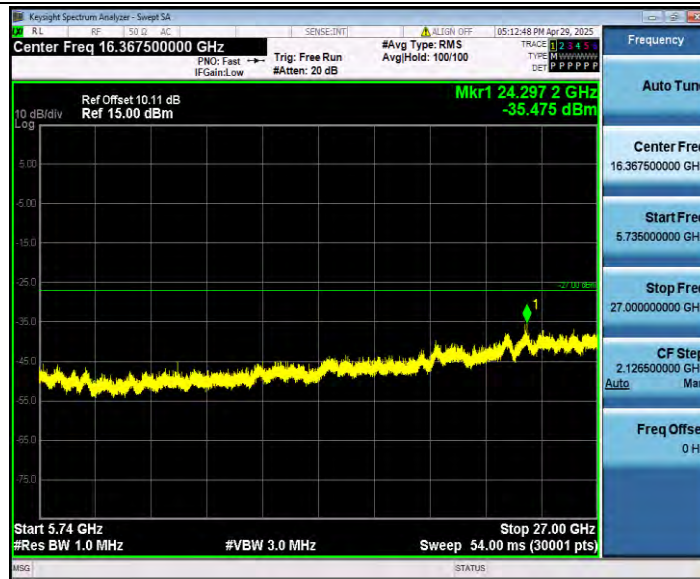
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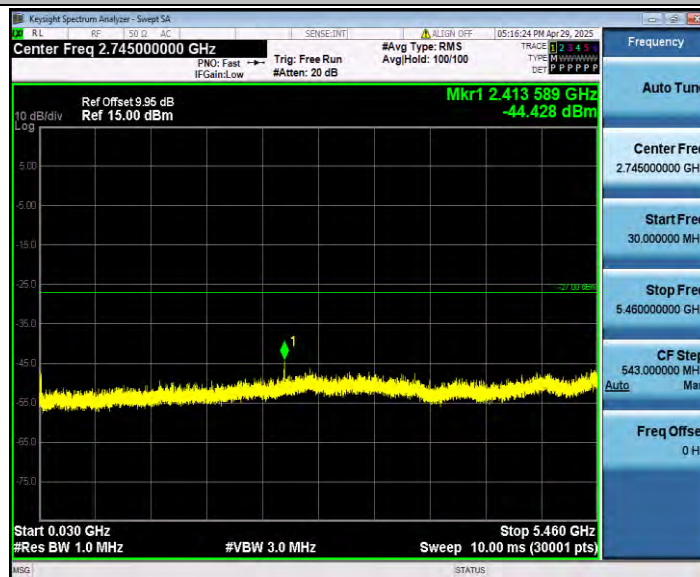
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11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

