

Appendix E.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	5745	15.18	100.00	0.00	15.18	≤30.00	PASS
		5785	14.63	100.00	0.00	14.63	≤30.00	PASS
		5825	14.54	100.00	0.00	14.54	≤30.00	PASS
11N20SISO	Ant1	5745	14.71	100.00	0.00	14.71	≤30.00	PASS
		5785	14.66	100.00	0.00	14.66	≤30.00	PASS
		5825	14.40	100.00	0.00	14.40	≤30.00	PASS
11N40SISO	Ant1	5755	14.15	100.00	0.00	14.15	≤30.00	PASS
		5795	14.26	100.00	0.00	14.26	≤30.00	PASS
11AC20SISO	Ant1	5745	14.59	100.00	0.00	14.59	≤30.00	PASS
		5785	14.84	100.00	0.00	14.84	≤30.00	PASS
		5825	14.38	100.00	0.00	14.38	≤30.00	PASS
11AC40SISO	Ant1	5755	14.29	100.00	0.00	14.29	≤30.00	PASS
		5795	14.15	100.00	0.00	14.15	≤30.00	PASS
11AC80SISO	Ant1	5775	13.14	100.00	0.00	13.14	≤30.00	PASS
11AX20SISO	Ant1	5745	14.61	100.00	0.00	14.61	≤30.00	PASS
		5785	14.58	100.00	0.00	14.58	≤30.00	PASS
		5825	14.30	100.00	0.00	14.30	≤30.00	PASS
11AX40SISO	Ant1	5755	14.24	100.00	0.00	14.24	≤30.00	PASS
		5795	14.33	100.00	0.00	14.33	≤30.00	PASS
11AX80SISO	Ant1	5775	13.80	100.00	0.00	13.80	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	0.92	≤30.00	PASS
		5785	0.67	≤30.00	PASS
		5825	0.33	≤30.00	PASS
11N20SISO	Ant1	5745	0.60	≤30.00	PASS
		5785	0.42	≤30.00	PASS
		5825	0.17	≤30.00	PASS
11N40SISO	Ant1	5755	-3.09	≤30.00	PASS
		5795	-2.87	≤30.00	PASS
11AC20SISO	Ant1	5745	0.36	≤30.00	PASS
		5785	0.49	≤30.00	PASS
		5825	0.21	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.88	≤30.00	PASS
		5795	-2.97	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.38	≤30.00	PASS
11AX20SISO	Ant1	5745	-0.67	≤30.00	PASS
		5785	-0.82	≤30.00	PASS
		5825	-0.89	≤30.00	PASS
11AX40SISO	Ant1	5755	-3.83	≤30.00	PASS
		5795	-3.69	≤30.00	PASS
11AX80SISO	Ant1	5775	-5.99	≤30.00	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_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



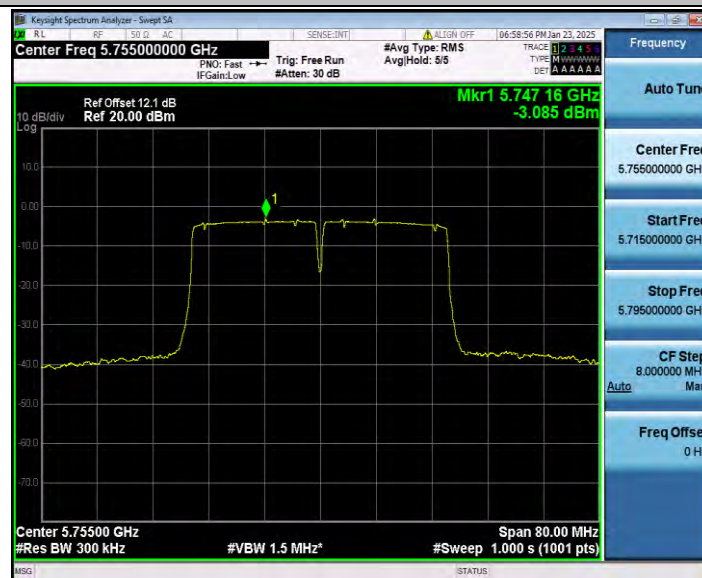
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



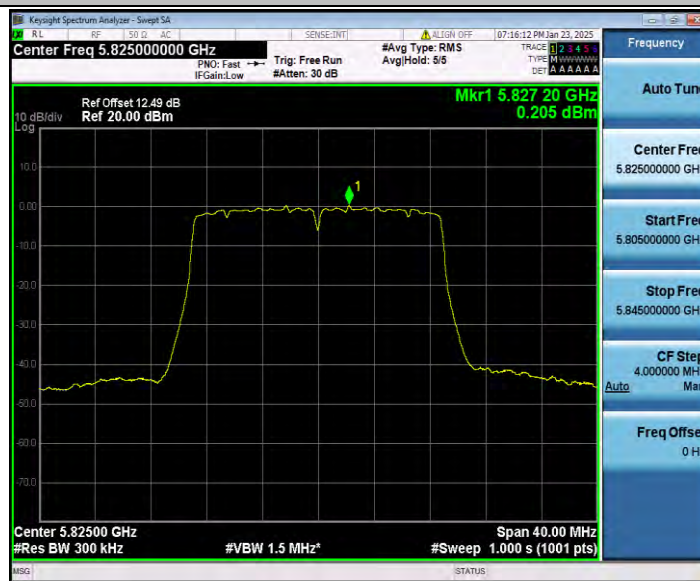
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



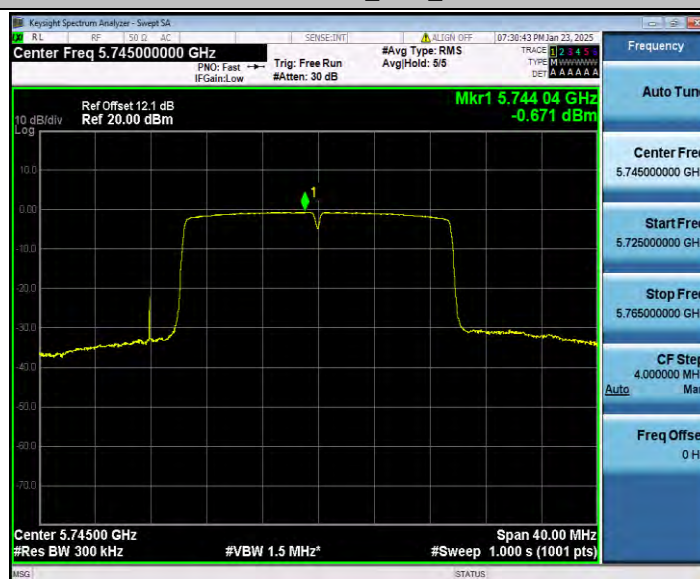
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.25	≤-26.19	PASS
				5700~5720	-26.94	≤12.12	PASS
				5720~5725	-25.25	≤19.23	PASS
				5760~5650	-39.01	≤-27	PASS
		High	5825	5850~5855	-34.96	≤16.03	PASS
				5855~5875	-38.16	≤11.08	PASS
				5875~5925	-39.51	≤-26.91	PASS
				5925~5935	-38.08	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.63	≤-26.87	PASS
				5700~5720	-26.59	≤11.92	PASS
				5720~5725	-22.87	≤15.82	PASS
				5760~5650	-38.97	≤-27	PASS
		High	5825	5850~5855	-31.34	≤15.73	PASS
				5855~5875	-31	≤15.58	PASS
				5875~5925	-38.92	≤-26.31	PASS
				5925~5935	-38.48	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-37.31	≤-25.51	PASS
				5700~5720	-20.03	≤15.28	PASS
				5720~5725	-24.16	≤15.74	PASS
				5780~5650	-39.88	≤-27	PASS
		High	5795	5850~5855	-35.36	≤16.03	PASS
				5855~5875	-38.21	≤10.43	PASS
				5875~5925	-38.79	≤-26.59	PASS
				5925~5935	-37.49	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.87	≤-26.79	PASS
				5700~5720	-29.08	≤11.99	PASS
				5720~5725	-25.72	≤17.13	PASS
				5760~5650	-38.92	≤-27	PASS
		High	5825	5850~5855	-32.39	≤16.03	PASS
				5855~5875	-32.55	≤15.43	PASS
				5875~5925	-38.79	≤-26.31	PASS
				5925~5935	-38.53	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39	≤-26.40	PASS
				5700~5720	-22.82	≤13.31	PASS
				5720~5725	-22.88	≤15.74	PASS
				5780~5650	-39.2	≤-27	PASS

		High	5795	5850~5855	-35.59	≤ 15.66	PASS
				5855~5875	-38.15	≤ 10.34	PASS
				5875~5925	-38.45	≤ -26.95	PASS
				5925~5935	-38.59	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-37.28	≤ -26.46	PASS
				5700~5720	-28.25	≤ 11.14	PASS
				5720~5725	-27.59	≤ 18.12	PASS
				5800~5650	-37.9	≤ -27	PASS
		High	5775	5850~5855	-24.16	≤ 17.53	PASS
				5855~5875	-24.57	≤ 11.54	PASS
				5875~5925	-37.03	≤ -25.78	PASS
				5925~5935	-36.02	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.37	≤ -26.62	PASS
				5700~5720	-22	≤ 15.43	PASS
				5720~5725	-19.28	≤ 16.60	PASS
				5760~5650	-39.41	≤ -27	PASS
		High	5825	5850~5855	-28.46	≤ 18.50	PASS
				5855~5875	-29.89	≤ 14.33	PASS
				5875~5925	-39.48	≤ -26.81	PASS
				5925~5935	-37.36	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.89	≤ -26.30	PASS
				5700~5720	-21.95	≤ 13.24	PASS
				5720~5725	-20.03	≤ 16.66	PASS
				5780~5650	-36.23	≤ -27	PASS
		High	5795	5850~5855	-34.99	≤ 16.41	PASS
				5855~5875	-31.22	≤ 14.96	PASS
				5875~5925	-38.34	≤ -25.49	PASS
				5925~5935	-38.94	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-34.32	≤ -25.77	PASS
				5700~5720	-23.01	≤ 12.31	PASS
				5720~5725	-20.89	≤ 16.00	PASS
				5800~5650	-33.74	≤ -27	PASS
		High	5775	5850~5855	-22.03	≤ 16.26	PASS
				5855~5875	-24.39	≤ 10.66	PASS
				5875~5925	-35.34	≤ -25.36	PASS
				5925~5935	-35.58	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825

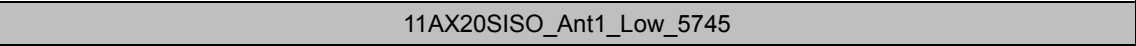
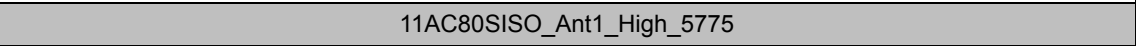


11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



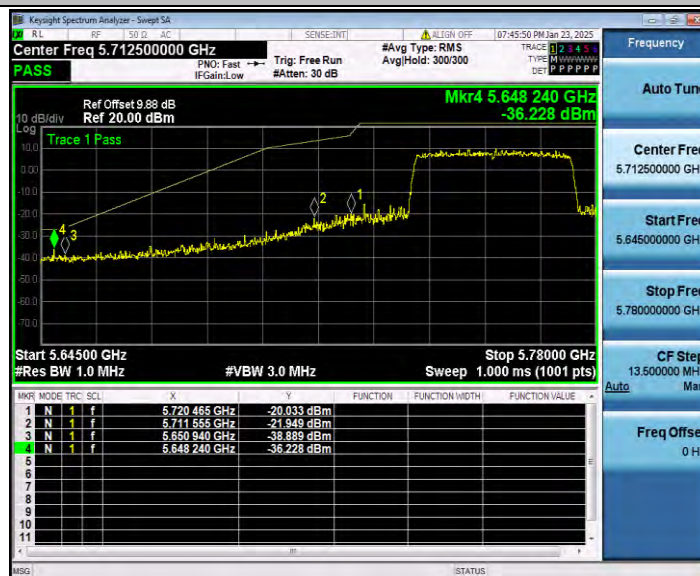




11AX20SISO_Ant1_High_5825



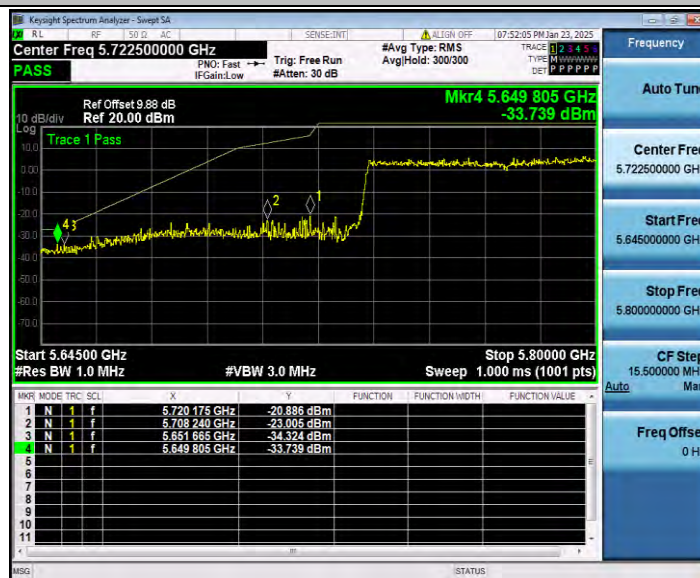
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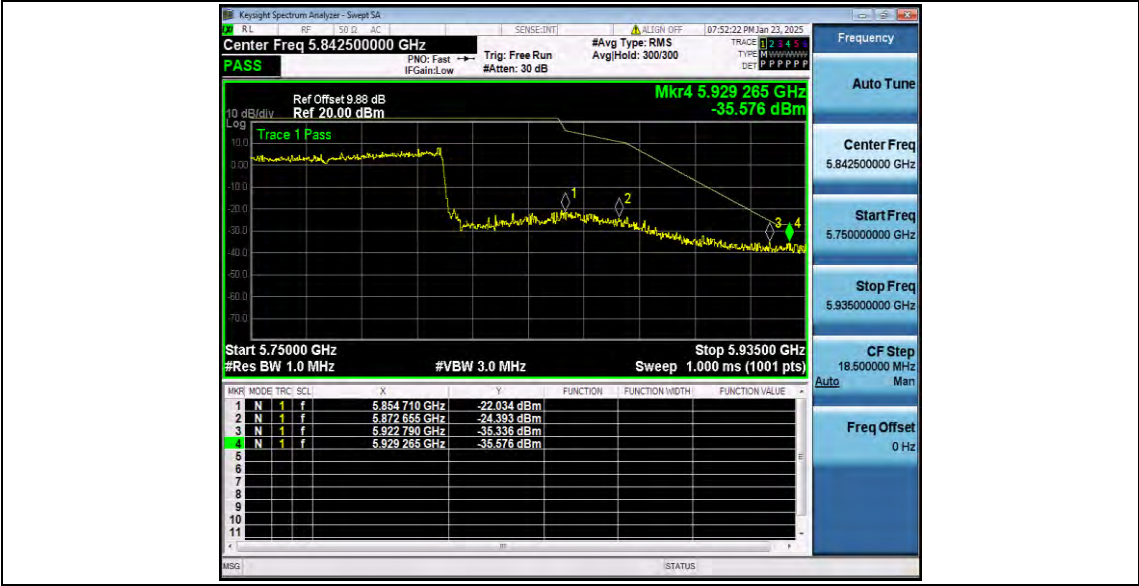
11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5445.43	-40.34	≤-27	PASS
			5925~27000	23575.31	-30.91	≤-27	PASS
		5785	30~5650	2657.54	-40.05	≤-27	PASS
			5925~27000	24808.2	-31.43	≤-27	PASS
		5825	30~5650	5437.94	-39.78	≤-27	PASS
			5925~27000	26796.98	-30.57	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2532.77	-40.46	≤-27	PASS
			5925~27000	26936.78	-32.16	≤-27	PASS
		5785	30~5650	5448.62	-40.1	≤-27	PASS
			5925~27000	26711.98	-31.33	≤-27	PASS
		5825	30~5650	4933.45	-39.96	≤-27	PASS
			5925~27000	25166.48	-31.45	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5419.02	-39.78	≤-27	PASS
			5925~27000	24281.33	-32.25	≤-27	PASS
		5795	30~5650	5527.67	-40.1	≤-27	PASS
			5925~27000	24215.99	-31.04	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2640.12	-39.78	≤-27	PASS
			5925~27000	24214.59	-32.58	≤-27	PASS
		5785	30~5650	2667.65	-40.15	≤-27	PASS
			5925~27000	26642.43	-30.6	≤-27	PASS
		5825	30~5650	5418.08	-40.17	≤-27	PASS
			5925~27000	25266.93	-31.45	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5443.37	-39.92	≤-27	PASS
			5925~27000	26662.8	-31.98	≤-27	PASS
		5795	30~5650	5514.37	-39.9	≤-27	PASS
			5925~27000	26046.01	-31.46	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5480.28	-40.41	≤-27	PASS
			5925~27000	24201.94	-31.34	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3167.08	-40.29	≤-27	PASS
			5925~27000	24209.67	-31.5	≤-27	PASS
		5785	30~5650	5007.26	-40.1	≤-27	PASS
			5925~27000	26792.06	-31.16	≤-27	PASS
		5825	30~5650	5435.69	-39.56	≤-27	PASS
			5925~27000	24869.32	-31.68	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5440.37	-40.06	≤-27	PASS
			5925~27000	24217.4	-32.12	≤-27	PASS

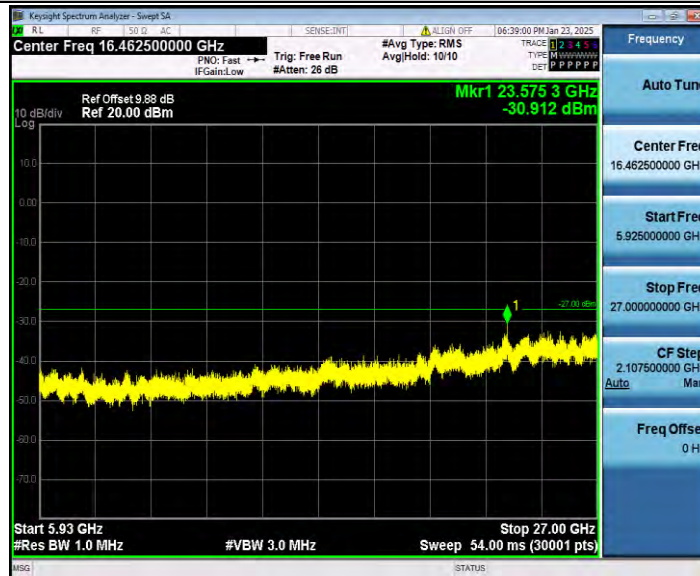
		5795	30~5650	2681.33	-39.66	≤ -27	PASS
			5925~27000	23514.2	-31.75	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5650	-37.03	≤ -27	PASS
			5925~27000	25018.95	-32.26	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



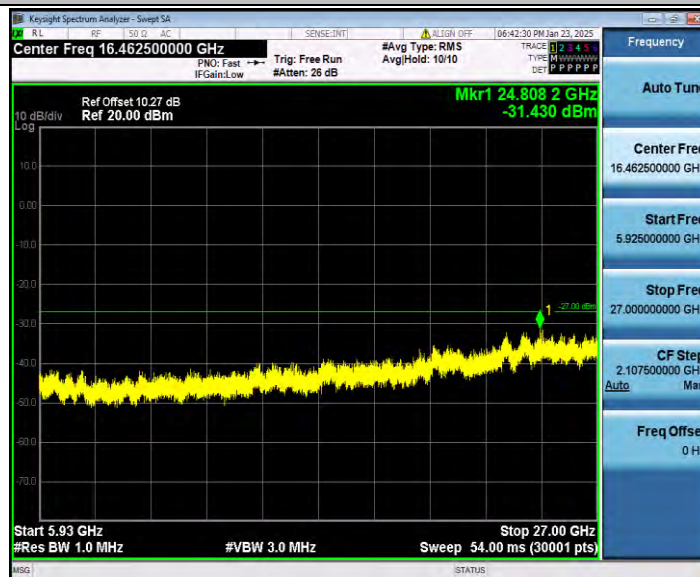
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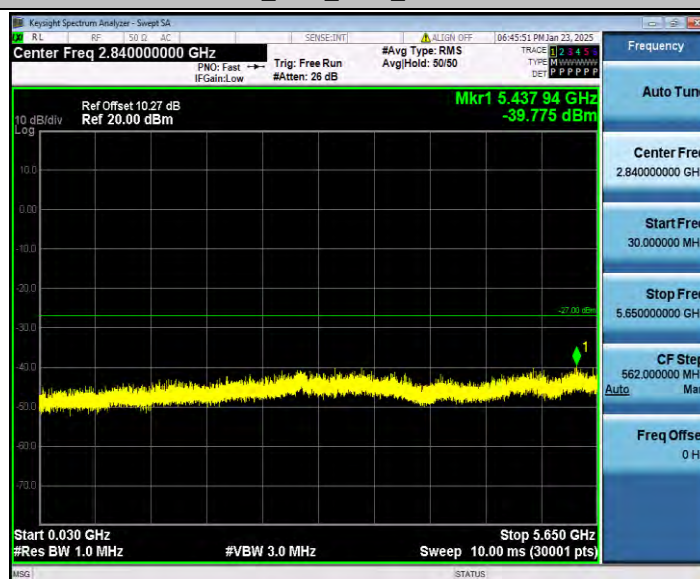
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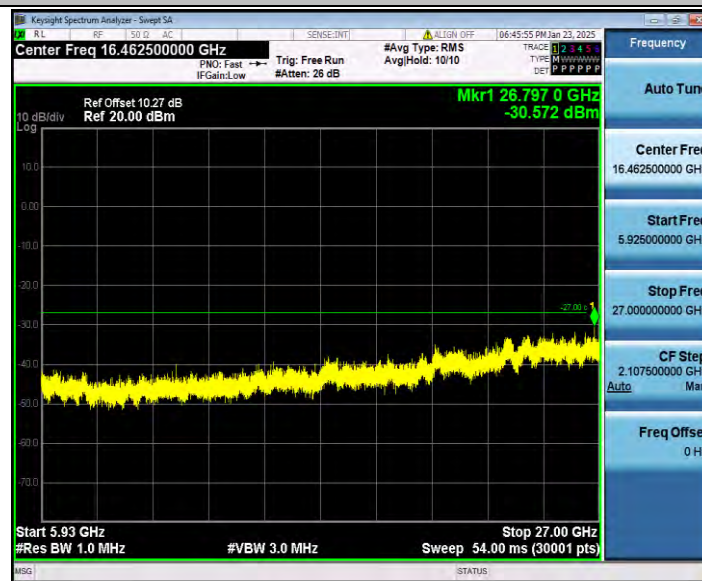
11A_Ant1_5785_5925~27000



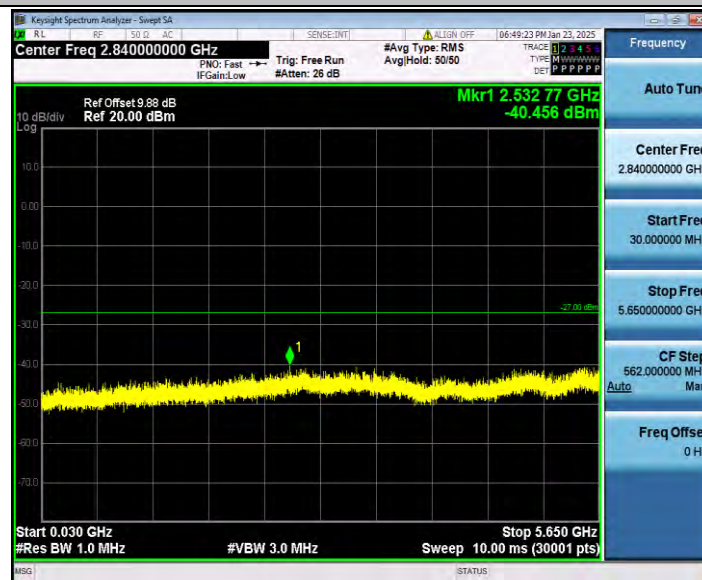
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



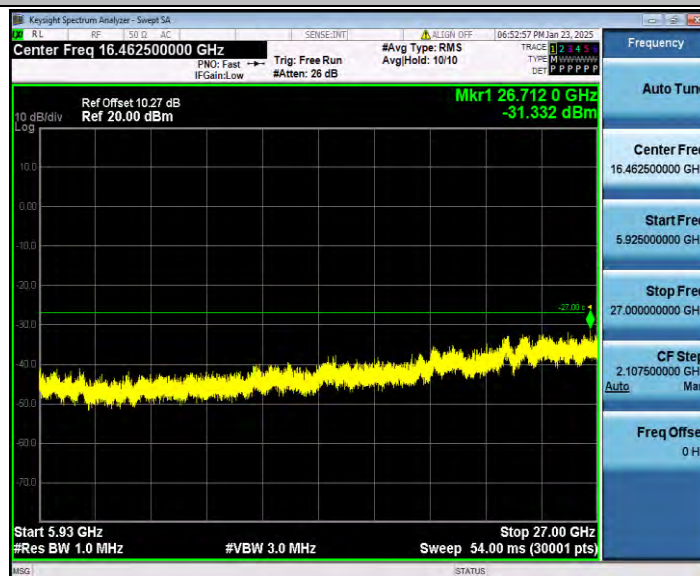
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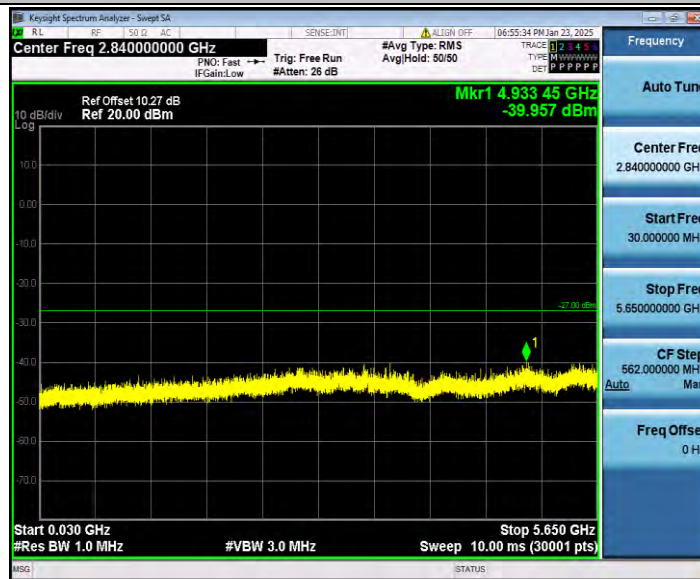
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



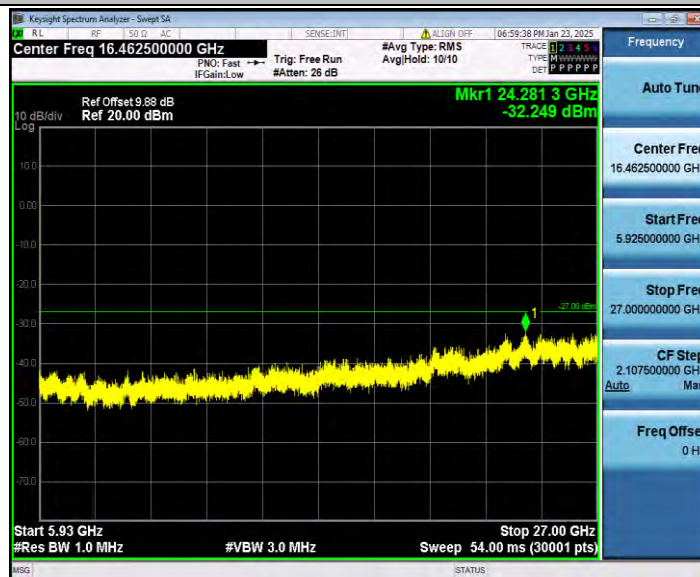
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11N40SISO_Ant1_5755_30~5650



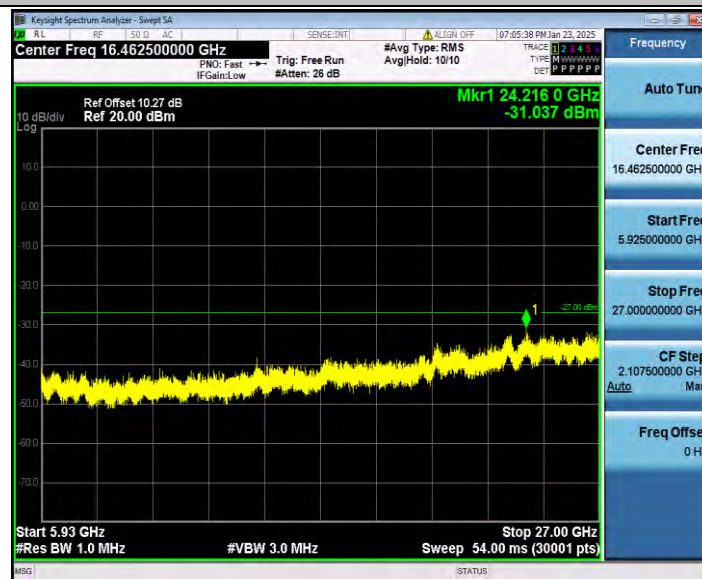
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11N40SISO_Ant1_5795_30~5650



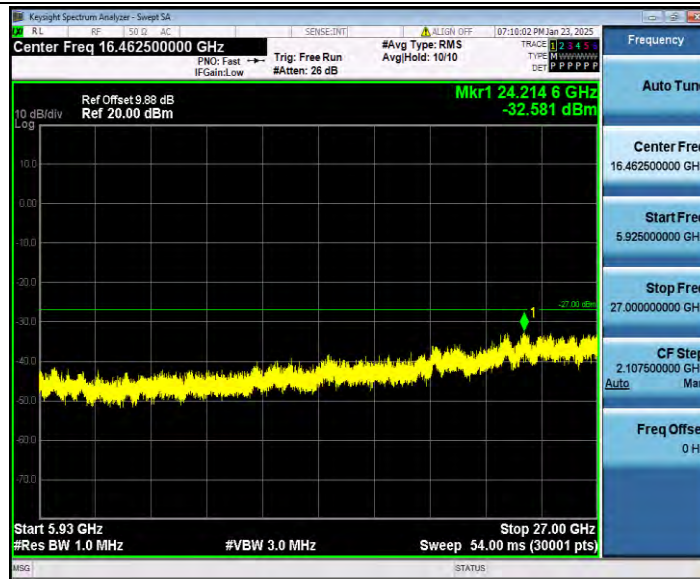
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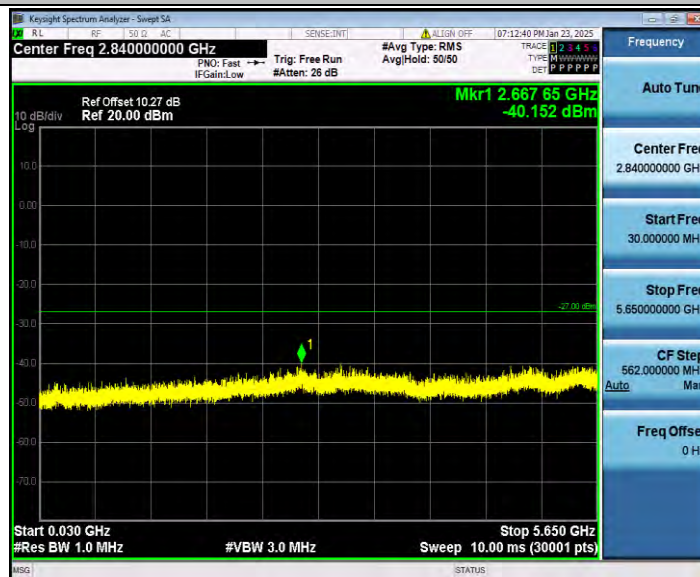
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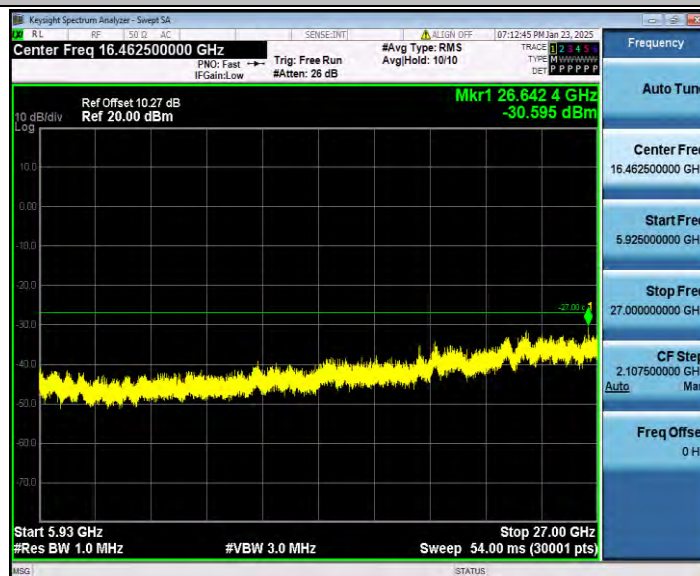
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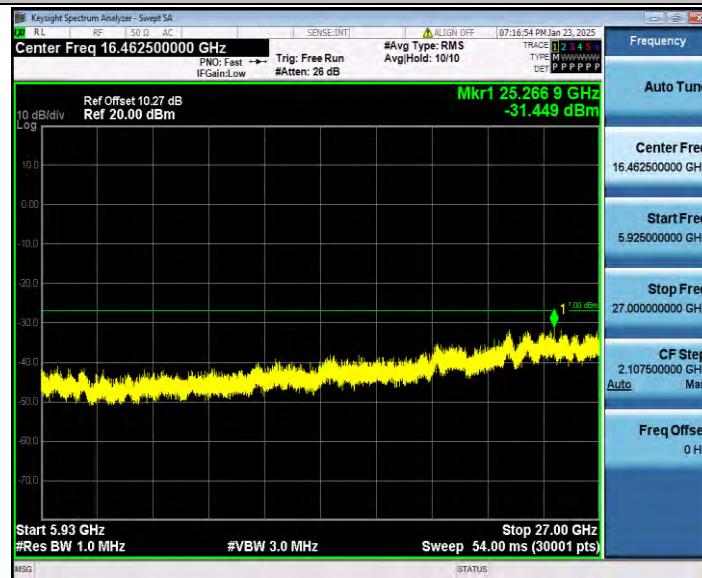
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11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



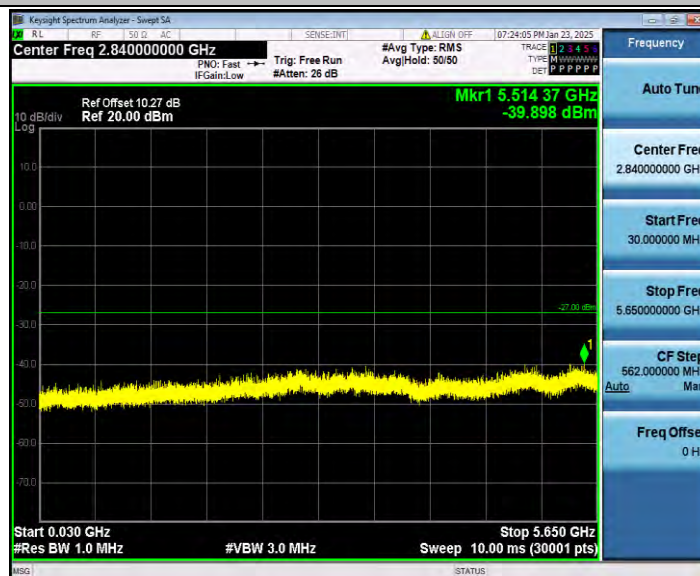
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11AC40SISO_Ant1_5755_5925~27000



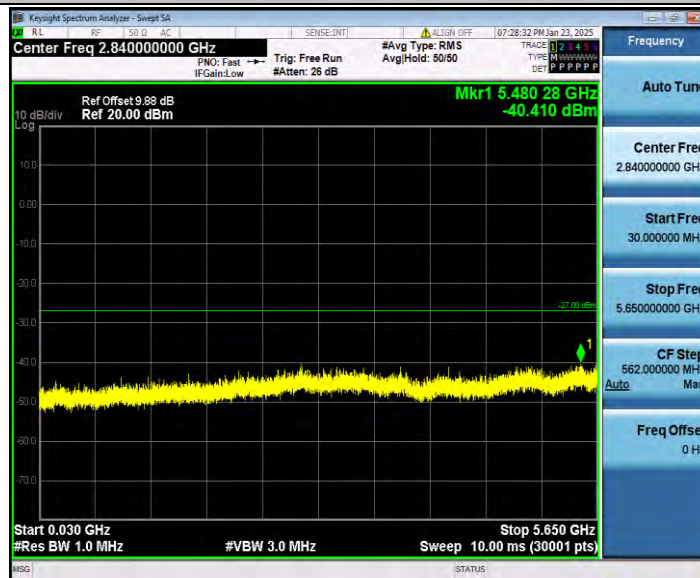
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



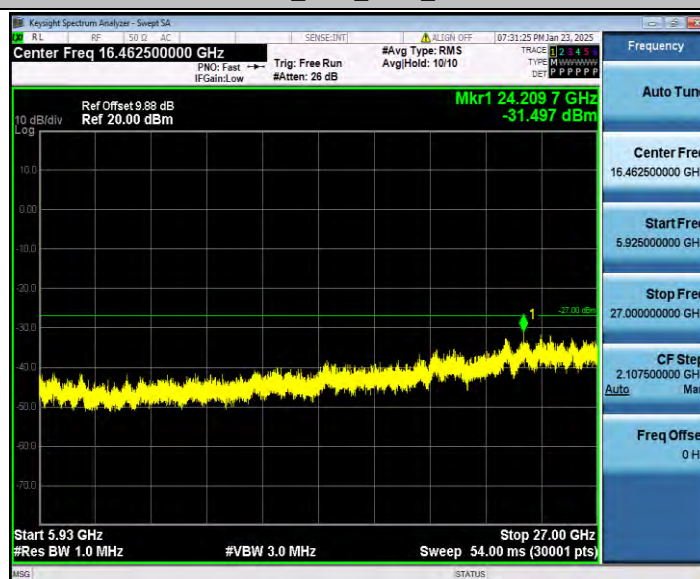
11AC80SISO_Ant1_5775_5925~27000



11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



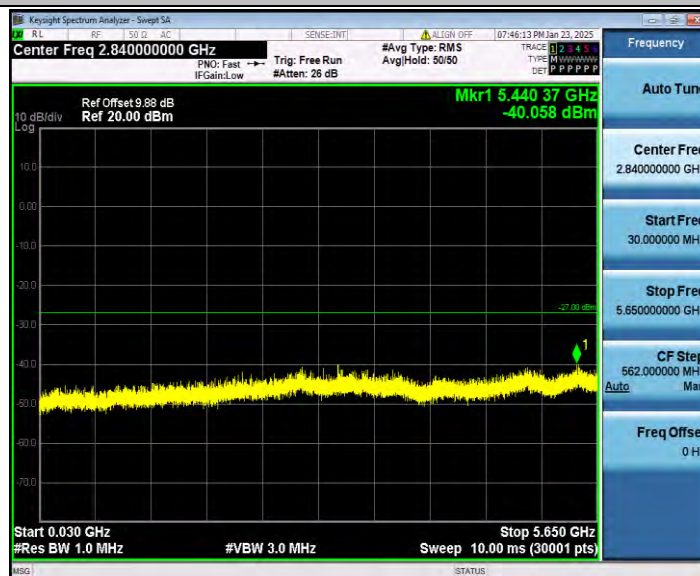
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11AX20SISO_Ant1_5825_5925~27000



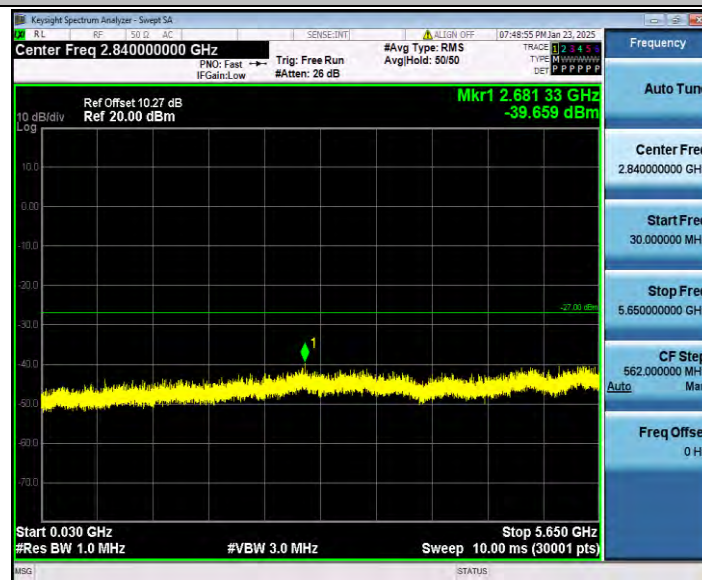
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

