

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	10.67	73.68	1.33	12.00	≤30.00	PASS
		5785	12.07	78.95	1.03	13.10	≤30.00	PASS
		5825	12.98	78.95	1.03	14.01	≤30.00	PASS
11N20SISO	Ant1	5745	10.96	77.27	1.12	12.08	≤30.00	PASS
		5785	12.39	77.27	1.12	13.51	≤30.00	PASS
		5825	13.20	77.27	1.12	14.32	≤30.00	PASS
11N40SISO	Ant1	5755	10.99	78.26	1.06	12.05	≤30.00	PASS
		5795	12.11	81.82	0.87	12.98	≤30.00	PASS
11AC20SISO	Ant1	5745	10.58	76.19	1.18	11.76	≤30.00	PASS
		5785	11.90	80.95	0.92	12.82	≤30.00	PASS
		5825	12.81	80.95	0.92	13.73	≤30.00	PASS
11AC40SISO	Ant1	5755	10.67	76.19	1.18	11.85	≤30.00	PASS
		5795	11.85	76.19	1.18	13.03	≤30.00	PASS
11AC80SISO	Ant1	5775	11.58	77.27	1.12	12.70	≤30.00	PASS
11AX20SISO	Ant1	5745	10.46	77.27	1.12	11.58	≤30.00	PASS
		5785	12.77	99.01	0.04	12.81	≤30.00	PASS
		5825	13.52	98.76	0.05	13.57	≤30.00	PASS
11AX40SISO	Ant1	5755	11.57	98.76	0.05	11.62	≤30.00	PASS
		5795	12.72	99.01	0.04	12.76	≤30.00	PASS
11AX80SISO	Ant1	5775	12.35	98.76	0.05	12.40	≤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	-2.03	≤30.00	PASS
		5785	-0.89	≤30.00	PASS
		5825	-0.01	≤30.00	PASS
11N20SISO	Ant1	5745	-2.15	≤30.00	PASS
		5785	-0.76	≤30.00	PASS
		5825	0.18	≤30.00	PASS
11N40SISO	Ant1	5755	-5.01	≤30.00	PASS
		5795	-3.99	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.19	≤30.00	PASS
		5785	-1.16	≤30.00	PASS
		5825	-0.14	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.98	≤30.00	PASS
		5795	-3.91	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.38	≤30.00	PASS
11AX20SISO	Ant1	5745	-2.78	≤30.00	PASS
		5785	-2.53	≤30.00	PASS
		5825	-1.60	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.54	≤30.00	PASS
		5795	-5.28	≤30.00	PASS
11AX80SISO	Ant1	5775	-8.15	≤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



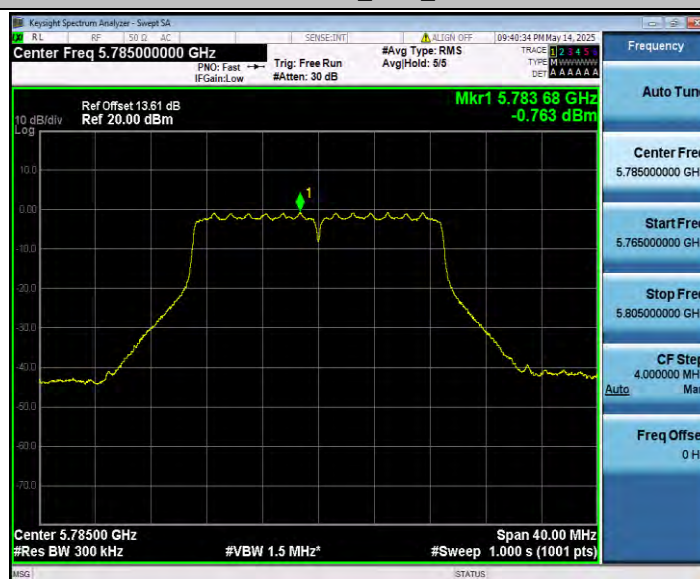
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



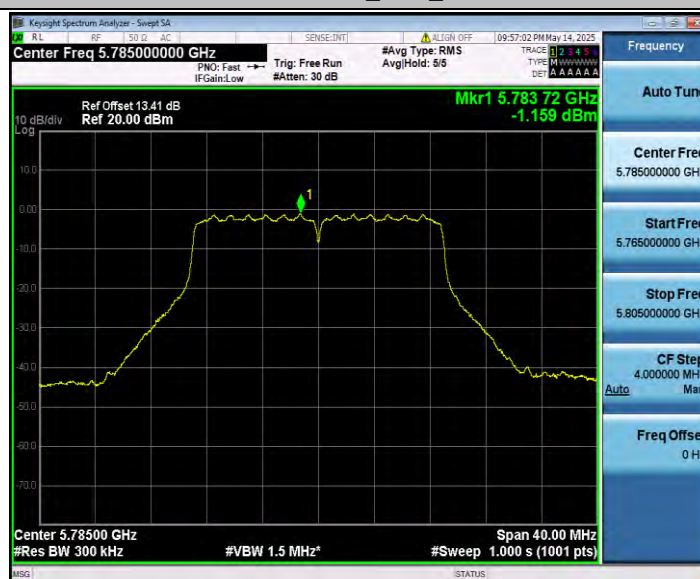
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



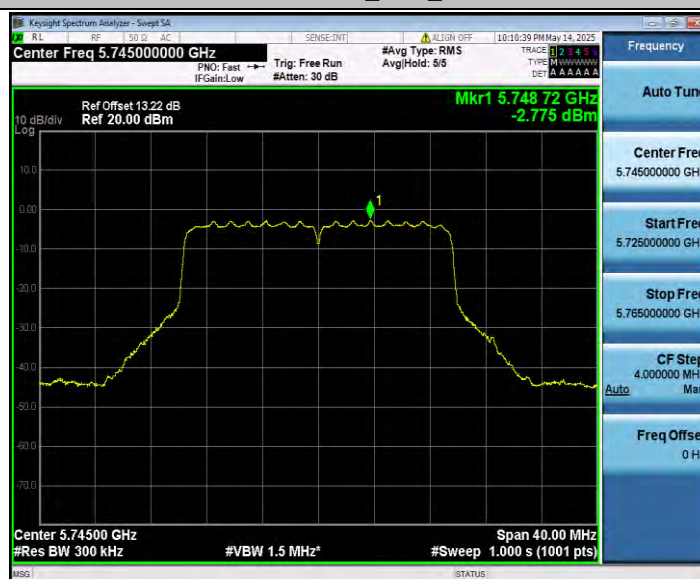
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11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



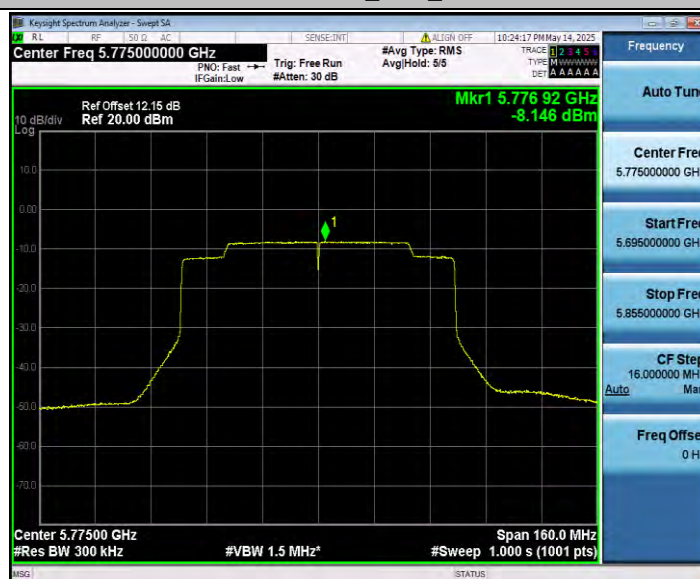
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



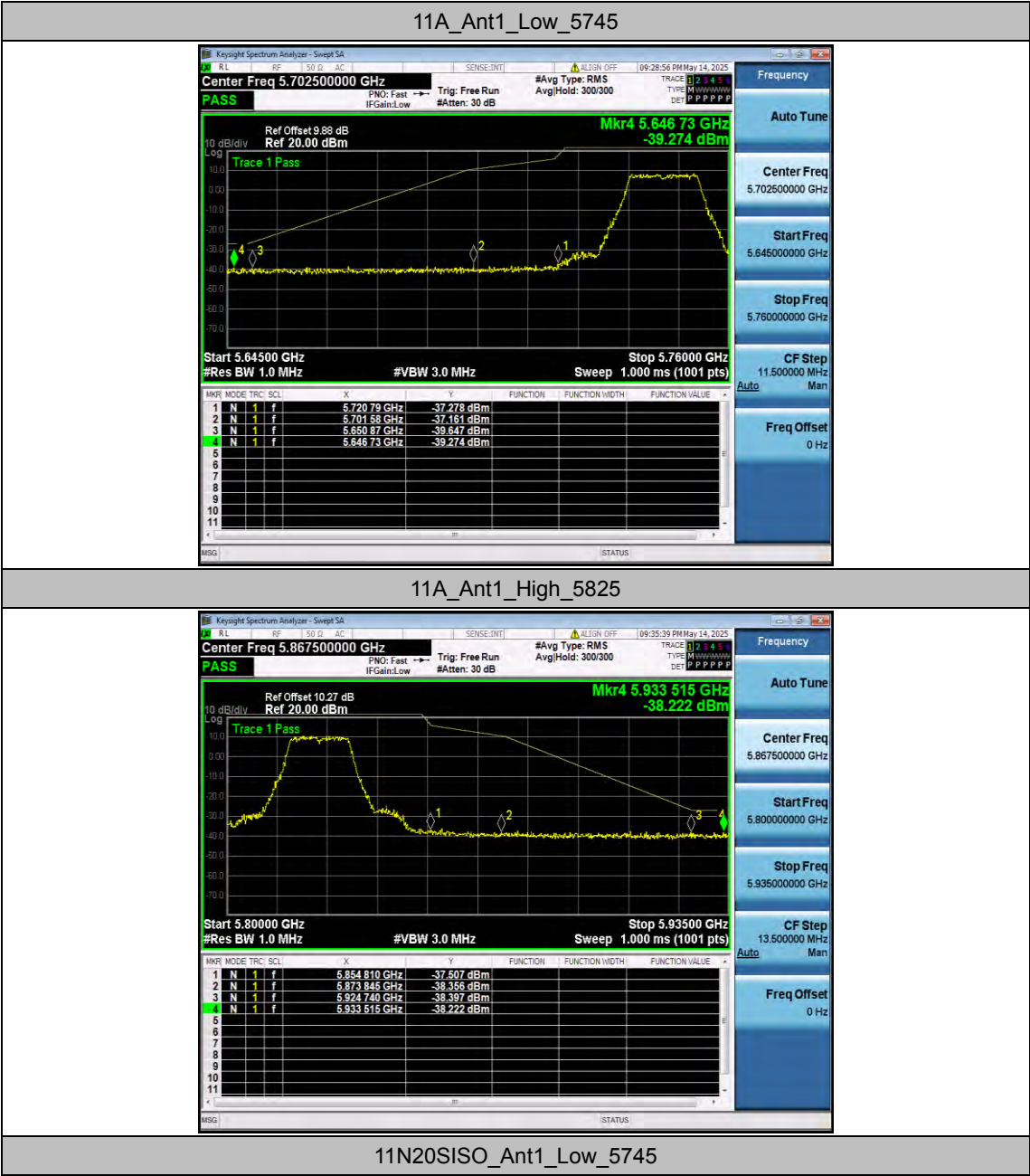
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.65	≤-26.36	PASS
				5700~5720	-37.16	≤10.44	PASS
				5720~5725	-37.28	≤17.39	PASS
				5760~5650	-39.27	≤-27	PASS
		High	5825	5850~5855	-37.51	≤16.03	PASS
				5855~5875	-38.36	≤10.32	PASS
				5875~5925	-38.4	≤-26.81	PASS
				5925~5935	-38.22	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.75	≤-26.96	PASS
				5700~5720	-39.07	≤10.09	PASS
				5720~5725	-34.09	≤16.87	PASS
				5760~5650	-38.36	≤-27	PASS
		High	5825	5850~5855	-36.55	≤16.03	PASS
				5855~5875	-38.28	≤10.29	PASS
				5875~5925	-38.84	≤-26.21	PASS
				5925~5935	-38.21	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.66	≤-26.10	PASS
				5700~5720	-35.54	≤12.18	PASS
				5720~5725	-34.21	≤16.35	PASS
				5780~5650	-39.78	≤-27	PASS
		High	5795	5850~5855	-39.72	≤15.66	PASS
				5855~5875	-37.59	≤10.16	PASS
				5875~5925	-39.16	≤-26.83	PASS
				5925~5935	-38.1	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.19	≤-26.19	PASS
				5700~5720	-39.38	≤10.09	PASS
				5720~5725	-36.65	≤16.08	PASS
				5760~5650	-38.98	≤-27	PASS
		High	5825	5850~5855	-35.95	≤15.73	PASS
				5855~5875	-37.49	≤10.51	PASS
				5875~5925	-37.22	≤-26.81	PASS
				5925~5935	-38.56	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.79	≤-26.40	PASS
				5700~5720	-37.73	≤10.82	PASS
				5720~5725	-34.46	≤15.74	PASS
				5780~5650	-39.65	≤-27	PASS

		High	5795	5850~5855	-39.04	≤ 16.03	PASS
				5855~5875	-37.72	≤ 10.66	PASS
				5875~5925	-40.6	≤ -26.83	PASS
				5925~5935	-37.81	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.04	≤ -26.91	PASS
				5700~5720	-36.8	≤ 10.27	PASS
				5720~5725	-37.22	≤ 15.65	PASS
				5800~5650	-38.4	≤ -27	PASS
		High	5775	5850~5855	-36.21	≤ 17.10	PASS
				5855~5875	-37.47	≤ 10.60	PASS
				5875~5925	-39.22	≤ -26.87	PASS
				5925~5935	-38.4	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.49	≤ -26.27	PASS
				5700~5720	-32.59	≤ 15.59	PASS
				5720~5725	-32.4	≤ 17.39	PASS
				5760~5650	-39.76	≤ -27	PASS
		High	5825	5850~5855	-37.46	≤ 16.03	PASS
				5855~5875	-38.48	≤ 10.10	PASS
				5875~5925	-38.45	≤ -26.31	PASS
				5925~5935	-37.85	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.5	≤ -26.50	PASS
				5700~5720	-37.76	≤ 10.06	PASS
				5720~5725	-34.18	≤ 16.66	PASS
				5780~5650	-39.28	≤ -27	PASS
		High	5795	5850~5855	-37.26	≤ 16.03	PASS
				5855~5875	-37.79	≤ 10.85	PASS
				5875~5925	-38.63	≤ -26.71	PASS
				5925~5935	-38.67	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-39.73	≤ -26.80	PASS
				5700~5720	-37.13	≤ 10.05	PASS
				5720~5725	-38.02	≤ 15.65	PASS
				5800~5650	-38.81	≤ -27	PASS
		High	5775	5850~5855	-36.5	≤ 15.84	PASS
				5855~5875	-37.12	≤ 10.14	PASS
				5875~5925	-40.86	≤ -26.87	PASS
				5925~5935	-38.94	≤ -27	PASS

Test Graphs B4

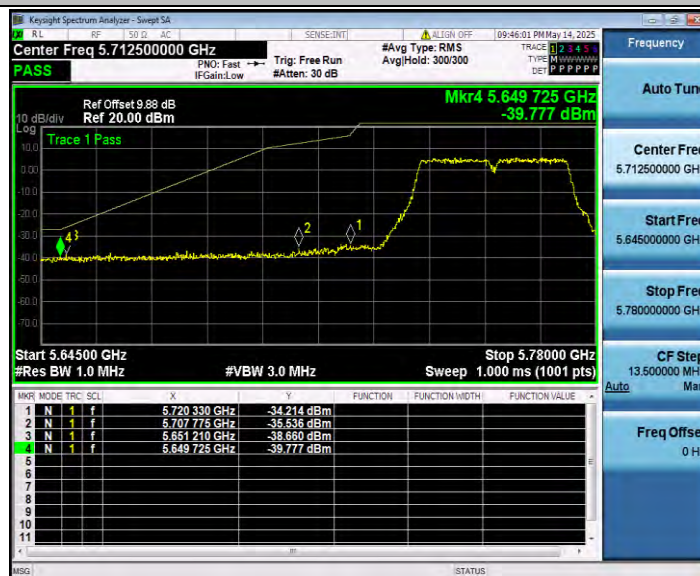




11N20SISO_Ant1_High_5825



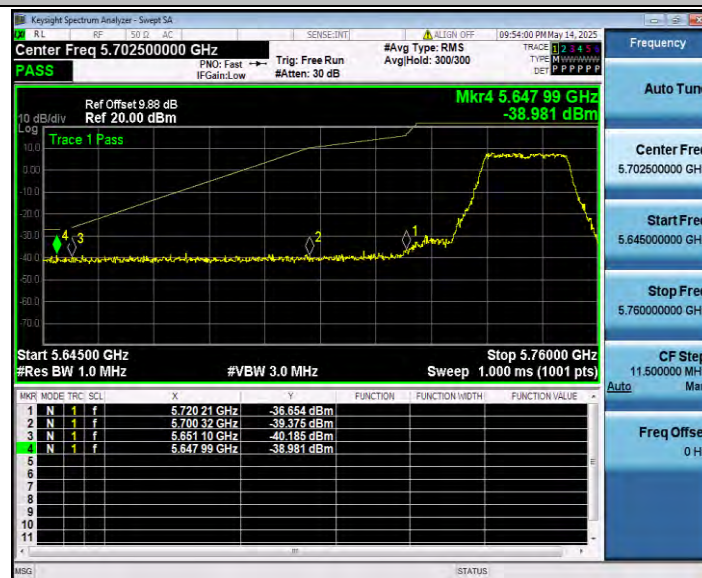
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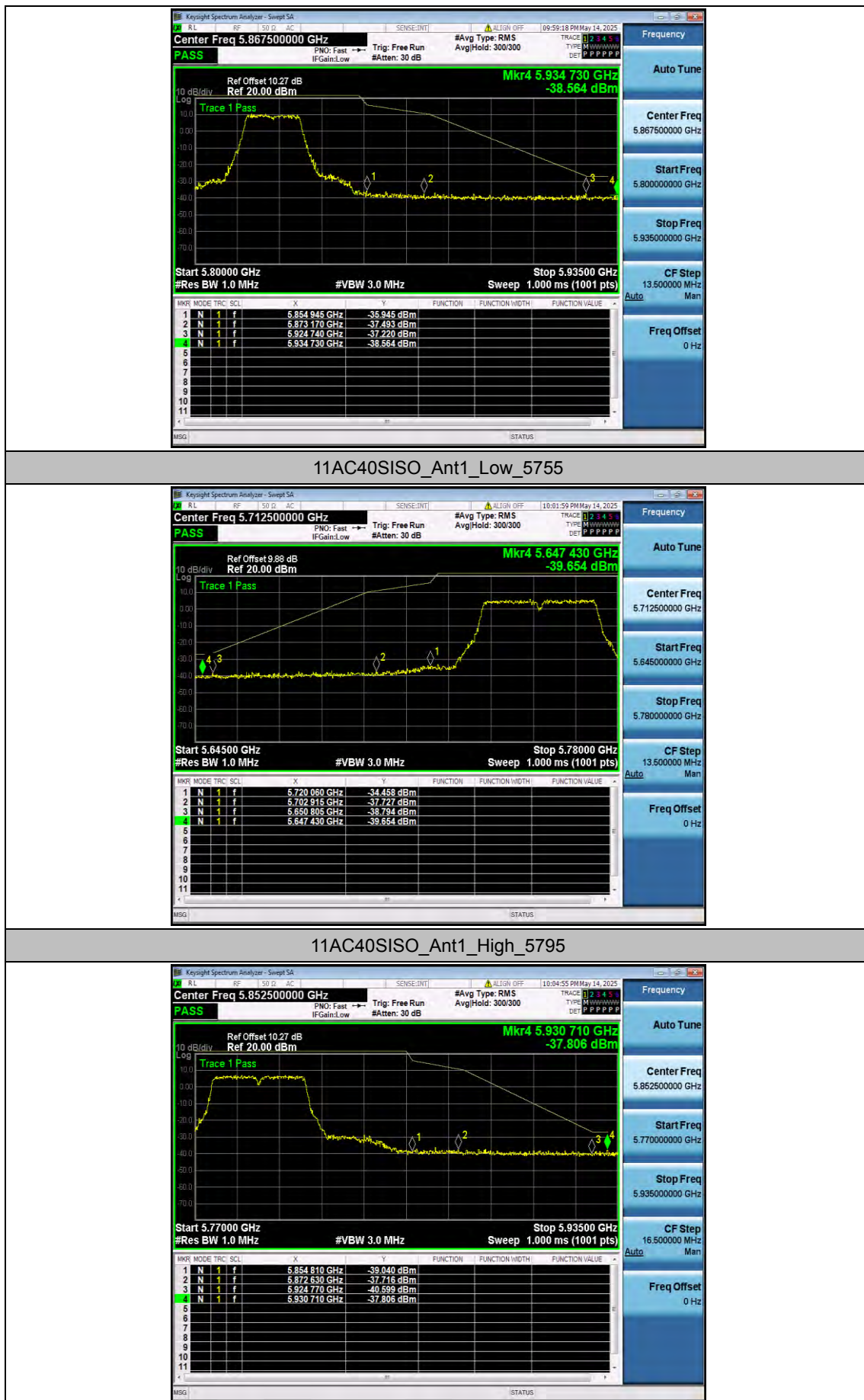
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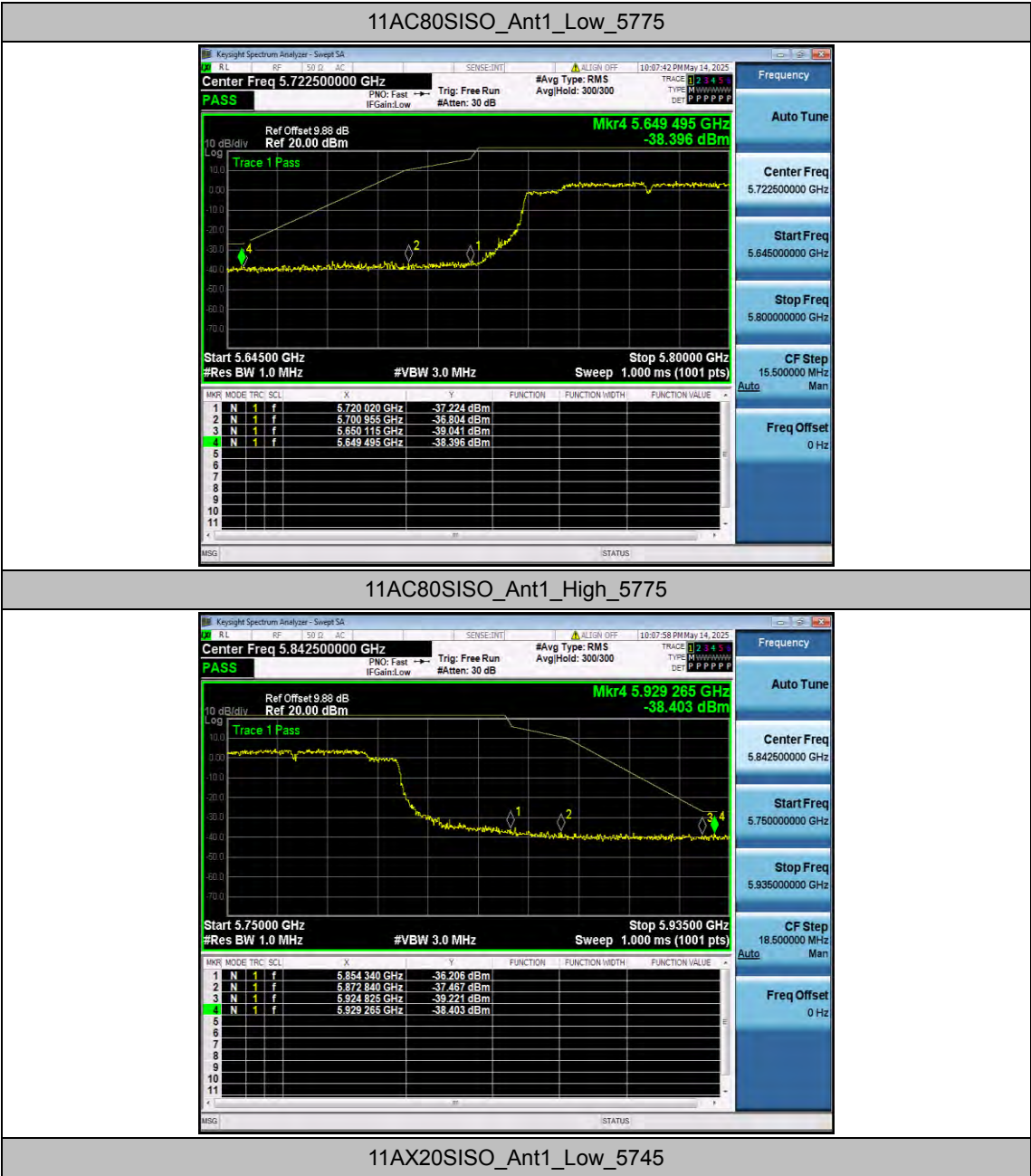


11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



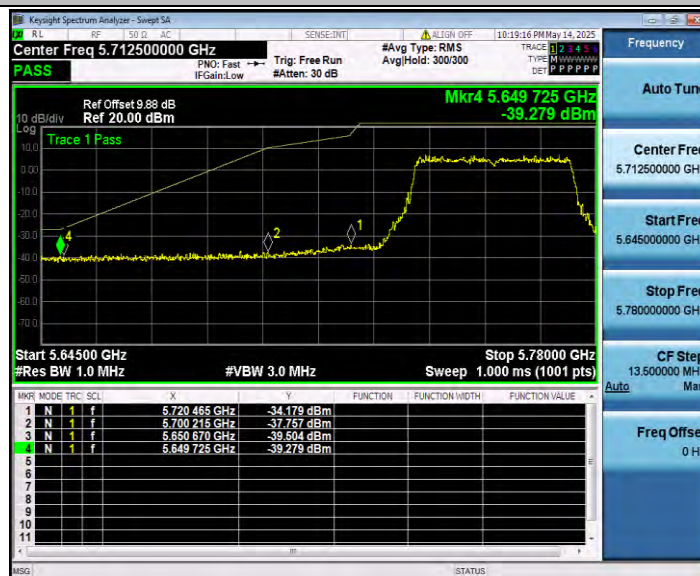




11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



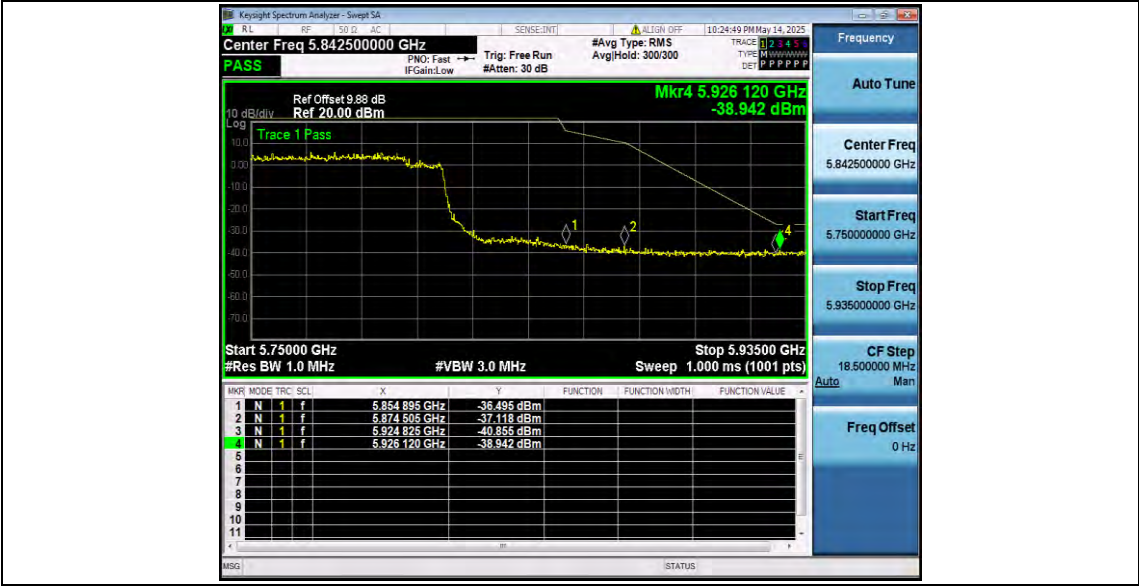
11AX40SISO_Ant1_High_5795



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	2823.89	-40.62	≤-27	PASS
			5925~27000	25511.4	-32.53	≤-27	PASS
		5785	30~5650	3592.14	-40.27	≤-27	PASS
			5925~27000	26643.13	-31.65	≤-27	PASS
		5825	30~5650	3016.47	-40.04	≤-27	PASS
			5925~27000	24263.06	-31.73	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5522.24	-40.14	≤-27	PASS
			5925~27000	24284.84	-31.97	≤-27	PASS
		5785	30~5650	4964.17	-40.28	≤-27	PASS
			5925~27000	25982.08	-31.17	≤-27	PASS
		5825	30~5650	2665.78	-39.98	≤-27	PASS
			5925~27000	25560.58	-31.37	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3163.34	-40.83	≤-27	PASS
			5925~27000	26031.96	-31.14	≤-27	PASS
		5795	30~5650	2666.9	-40.26	≤-27	PASS
			5925~27000	24267.28	-31.11	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2664.66	-40.01	≤-27	PASS
			5925~27000	26530.03	-32.34	≤-27	PASS
		5785	30~5650	3291.47	-40.08	≤-27	PASS
			5925~27000	24160.5	-31.71	≤-27	PASS
		5825	30~5650	2654.73	-39.96	≤-27	PASS
			5925~27000	24306.62	-30.14	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4894.11	-39.98	≤-27	PASS
			5925~27000	23590.07	-31.44	≤-27	PASS
		5795	30~5650	5475.22	-40.12	≤-27	PASS
			5925~27000	23502.25	-30.97	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5649.81	-40.37	≤-27	PASS
			5925~27000	26958.55	-31.28	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5486.83	-40.51	≤-27	PASS
			5925~27000	26546.89	-31.57	≤-27	PASS
		5785	30~5650	5453.86	-39.73	≤-27	PASS
			5925~27000	25596.41	-31.04	≤-27	PASS
		5825	30~5650	5443	-39.93	≤-27	PASS
			5925~27000	26061.46	-30.24	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2378.22	-40.19	≤-27	PASS
			5925~27000	25096.93	-32.3	≤-27	PASS

		5795	30~5650	4888.3	-39.77	≤ -27	PASS
			5925~27000	26793.47	-30.85	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5490.58	-40.52	≤ -27	PASS
			5925~27000	26980.33	-31.93	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



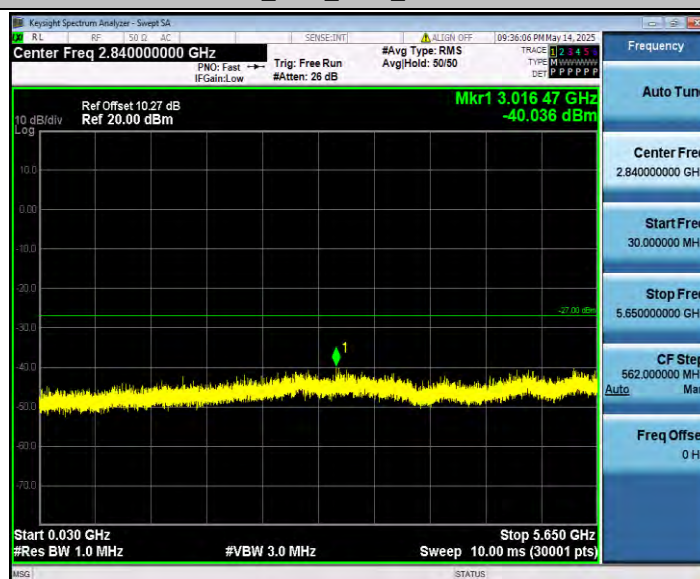
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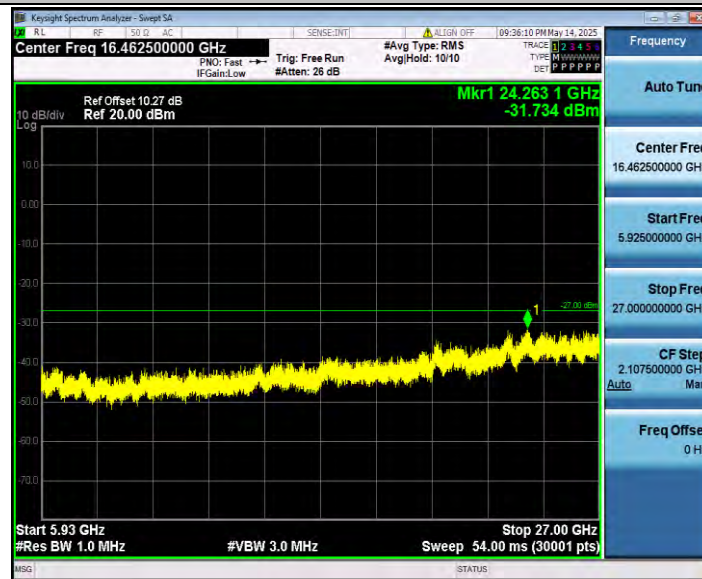
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



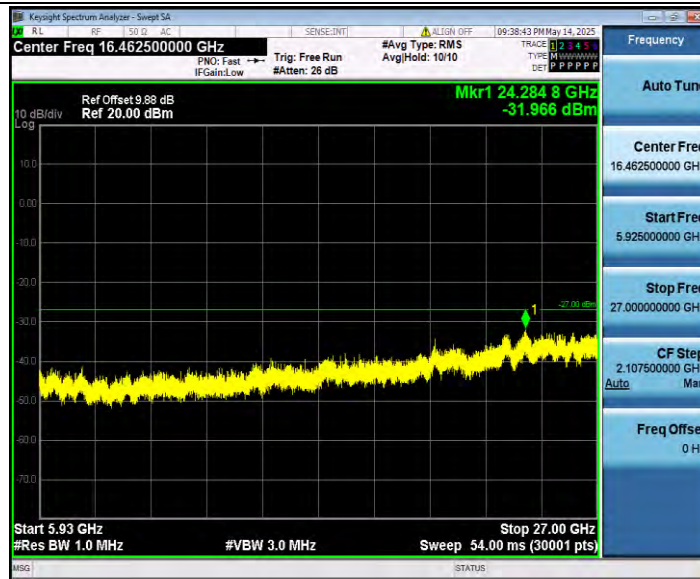
11A_Ant1_5825_5925~27000



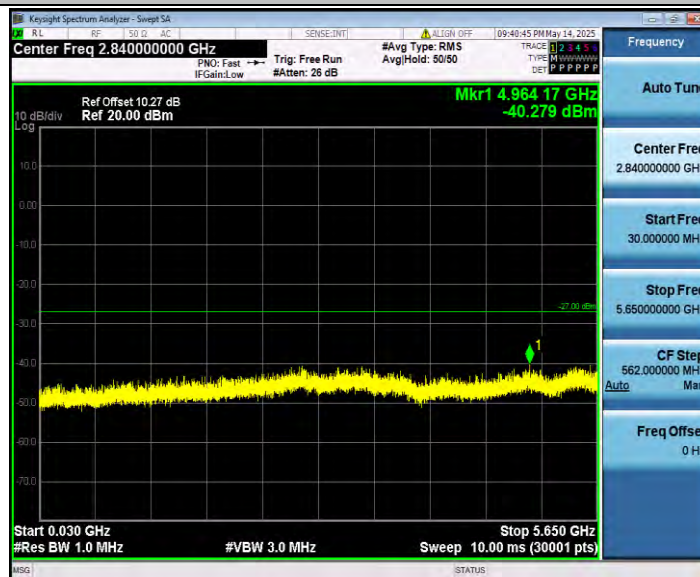
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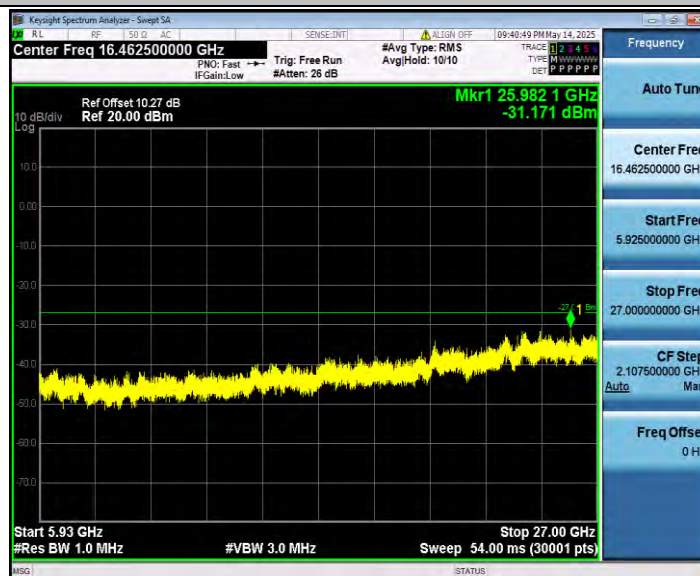
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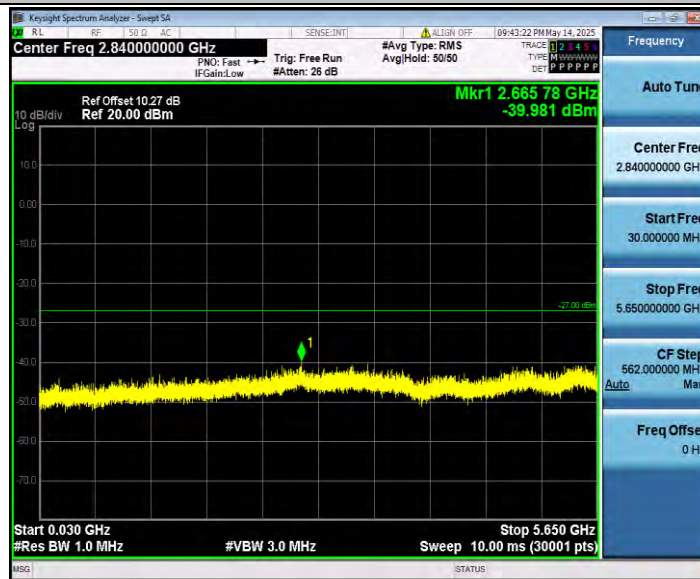
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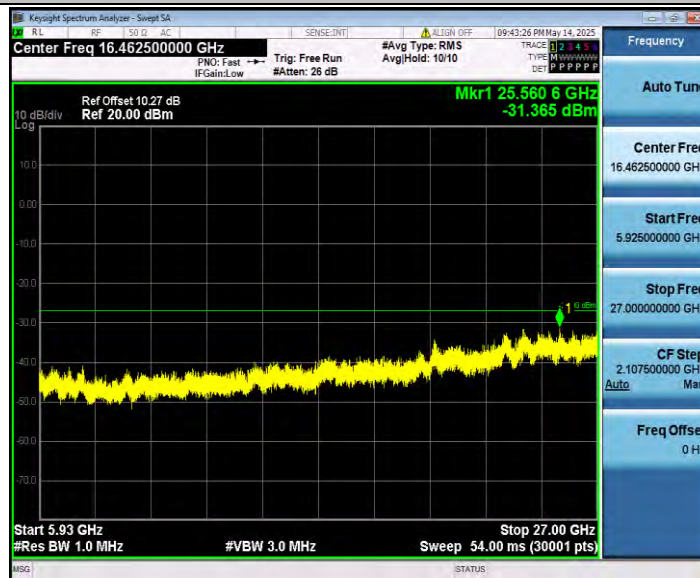
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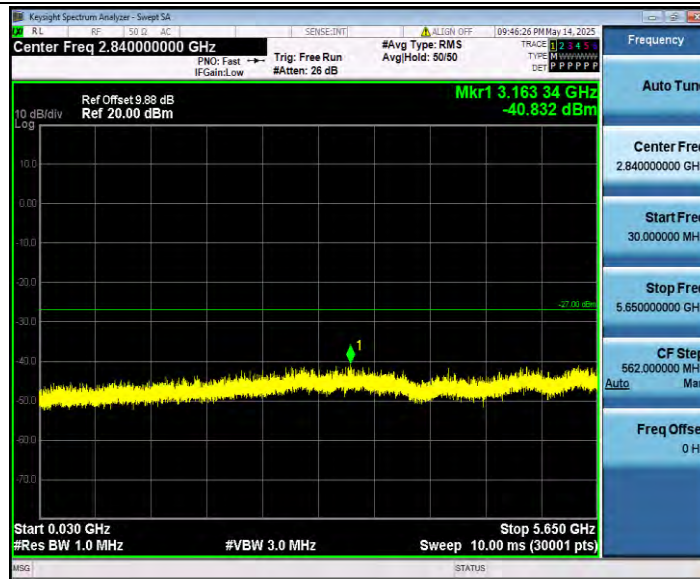
11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



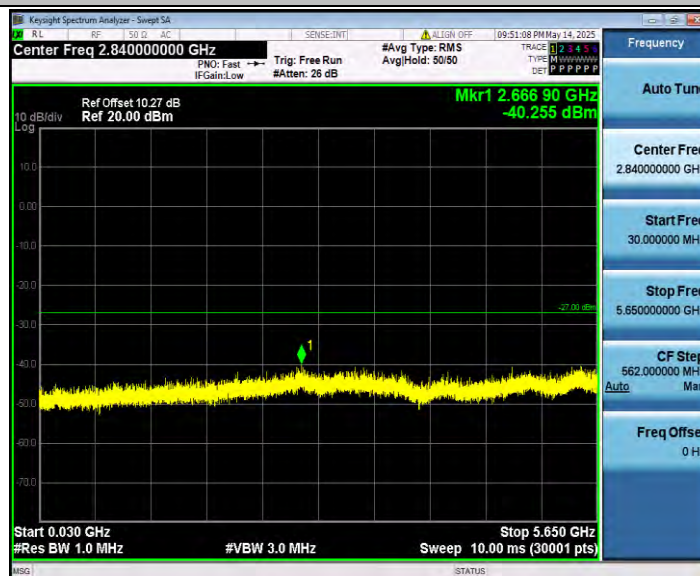
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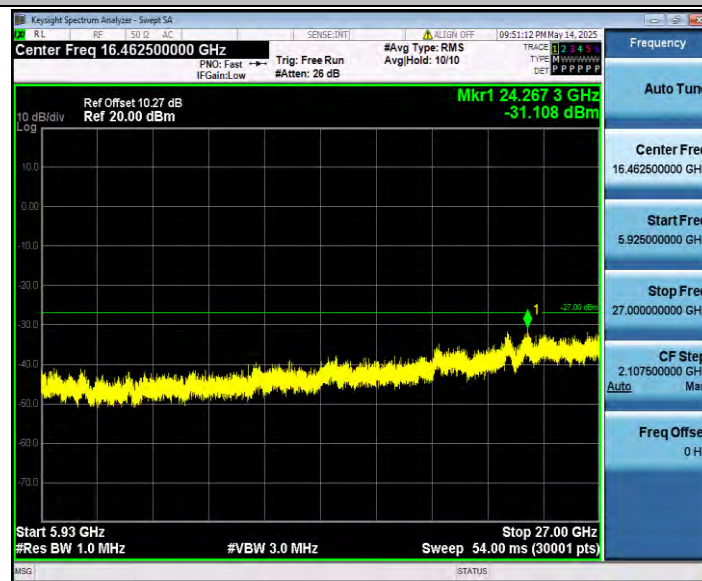
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11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



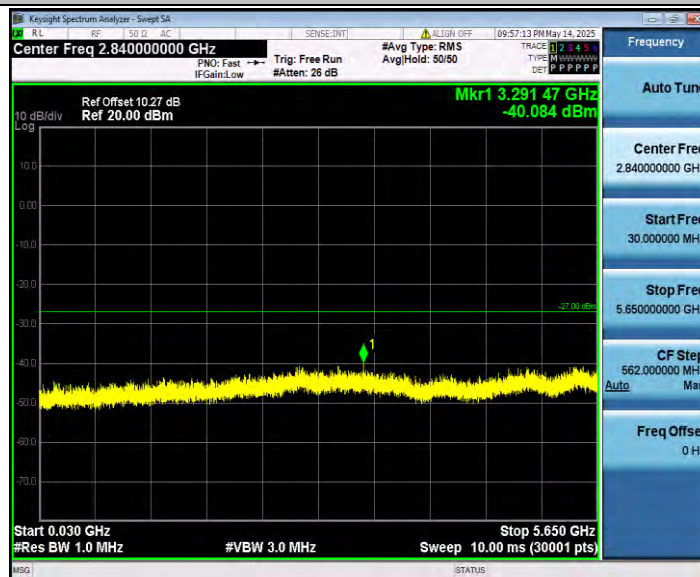
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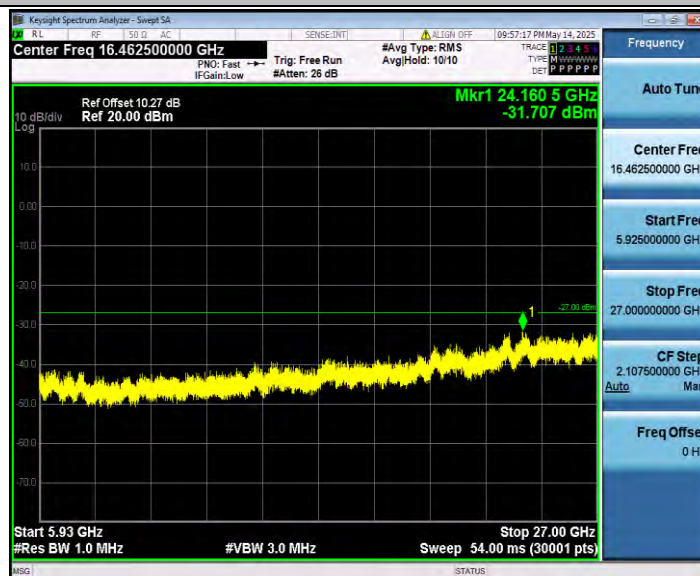
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11AC20SISO_Ant1_5785_30~5650



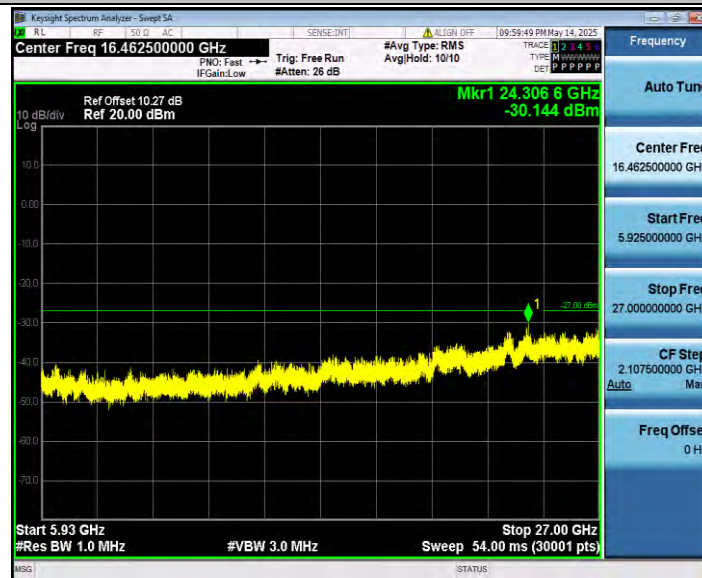
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11AC20SISO_Ant1_5825_30~5650



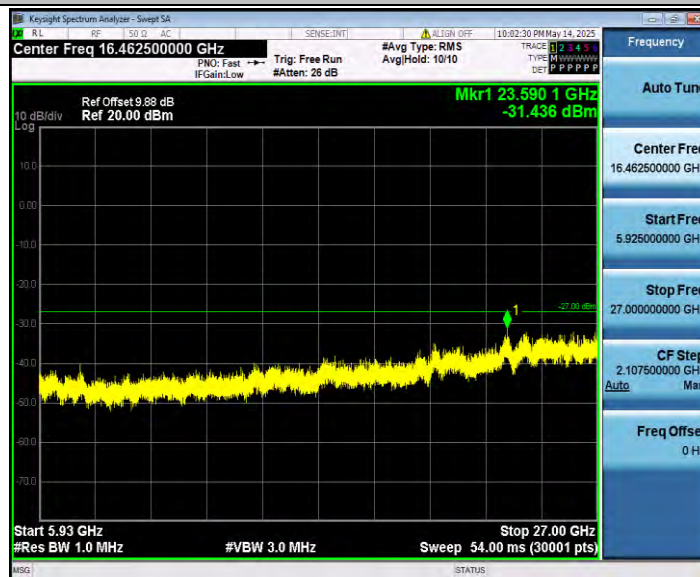
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11AC40SISO_Ant1_5755_30~5650



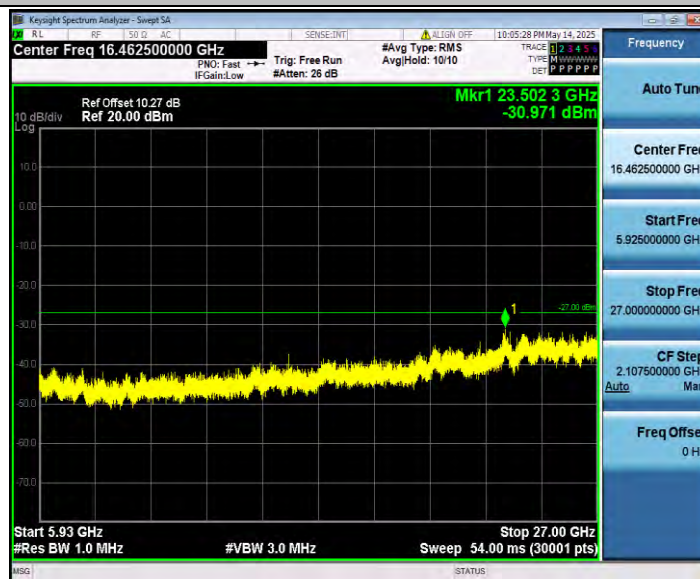
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



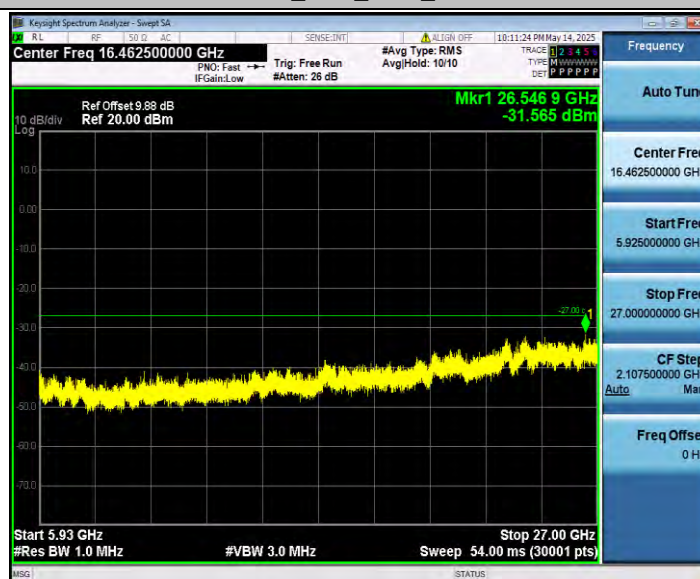
11AC80SISO_Ant1_5775_5925~27000



11AX20SISO_Ant1_5745_30~5650



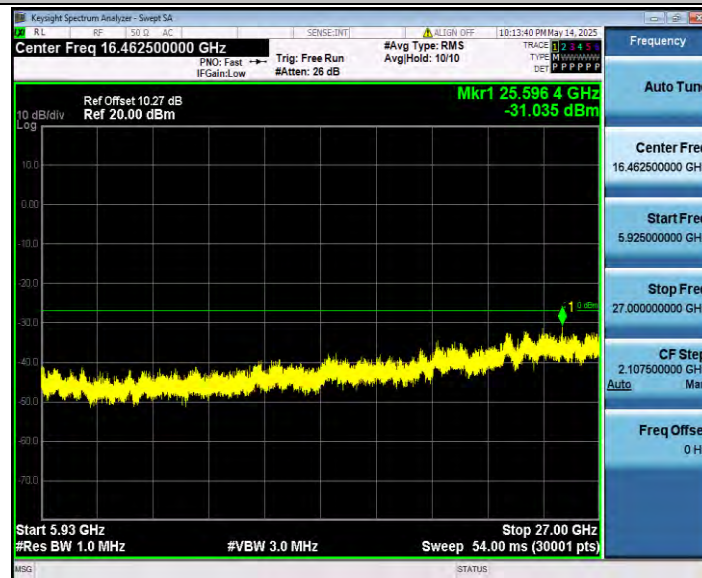
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



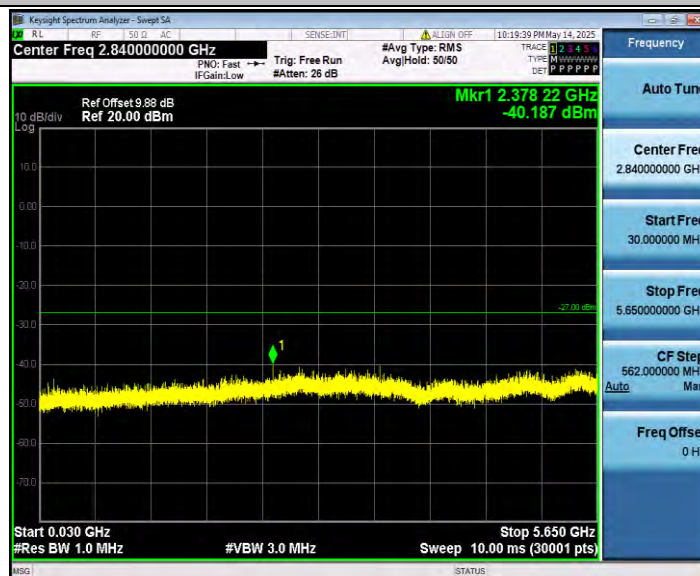
11AX20SISO_Ant1_5825_30~5650



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

