

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	Ant2	5180	5.74	95.85	0.18	5.92	≤23.98	PASS
		5200	5.86	95.85	0.18	6.04	≤23.98	PASS
		5240	6.17	95.87	0.18	6.35	≤23.98	PASS
11N20SISO	Ant2	5180	5.87	98.88	0.05	5.92	≤23.98	PASS
		5200	5.84	98.88	0.05	5.89	≤23.98	PASS
		5240	6.14	98.88	0.05	6.19	≤23.98	PASS
11N40SISO	Ant2	5190	6.06	98.88	0.05	6.11	≤23.98	PASS
		5230	6.20	99.00	0.04	6.24	≤23.98	PASS
11AC20SISO	Ant2	5180	5.82	98.88	0.05	5.87	≤23.98	PASS
		5200	5.86	98.88	0.05	5.91	≤23.98	PASS
		5240	6.05	98.88	0.05	6.10	≤23.98	PASS
11AC40SISO	Ant2	5190	5.85	98.88	0.05	5.90	≤23.98	PASS
		5230	6.17	99.00	0.04	6.21	≤23.98	PASS
11AC80SISO	Ant2	5210	6.06	98.88	0.05	6.11	≤23.98	PASS
11AX20SISO	Ant2	5180	5.76	98.88	0.05	5.81	≤23.98	PASS
		5200	5.67	98.88	0.05	5.72	≤23.98	PASS
		5240	5.87	99.00	0.04	5.91	≤23.98	PASS
11AX40SISO	Ant2	5190	5.56	99.00	0.04	5.60	≤23.98	PASS
		5230	5.92	99.00	0.04	5.96	≤23.98	PASS
11AX80SISO	Ant2	5210	5.84	98.88	0.05	5.89	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	-4.86	≤11.00	PASS
		5200	-4.67	≤11.00	PASS
		5240	-4.34	≤11.00	PASS
11N20SISO	Ant2	5180	-5.23	≤11.00	PASS
		5200	-5.02	≤11.00	PASS
		5240	-4.84	≤11.00	PASS
11N40SISO	Ant2	5190	-8.16	≤11.00	PASS
		5230	-8.15	≤11.00	PASS
11AC20SISO	Ant2	5180	-5.25	≤11.00	PASS
		5200	-5.17	≤11.00	PASS
		5240	-4.96	≤11.00	PASS
11AC40SISO	Ant2	5190	-8.40	≤11.00	PASS
		5230	-8.14	≤11.00	PASS
11AC80SISO	Ant2	5210	-11.00	≤11.00	PASS
11AX20SISO	Ant2	5180	-5.62	≤11.00	PASS
		5200	-5.58	≤11.00	PASS
		5240	-5.36	≤11.00	PASS
11AX40SISO	Ant2	5190	-8.92	≤11.00	PASS
		5230	-8.66	≤11.00	PASS
11AX80SISO	Ant2	5210	-11.45	≤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_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210

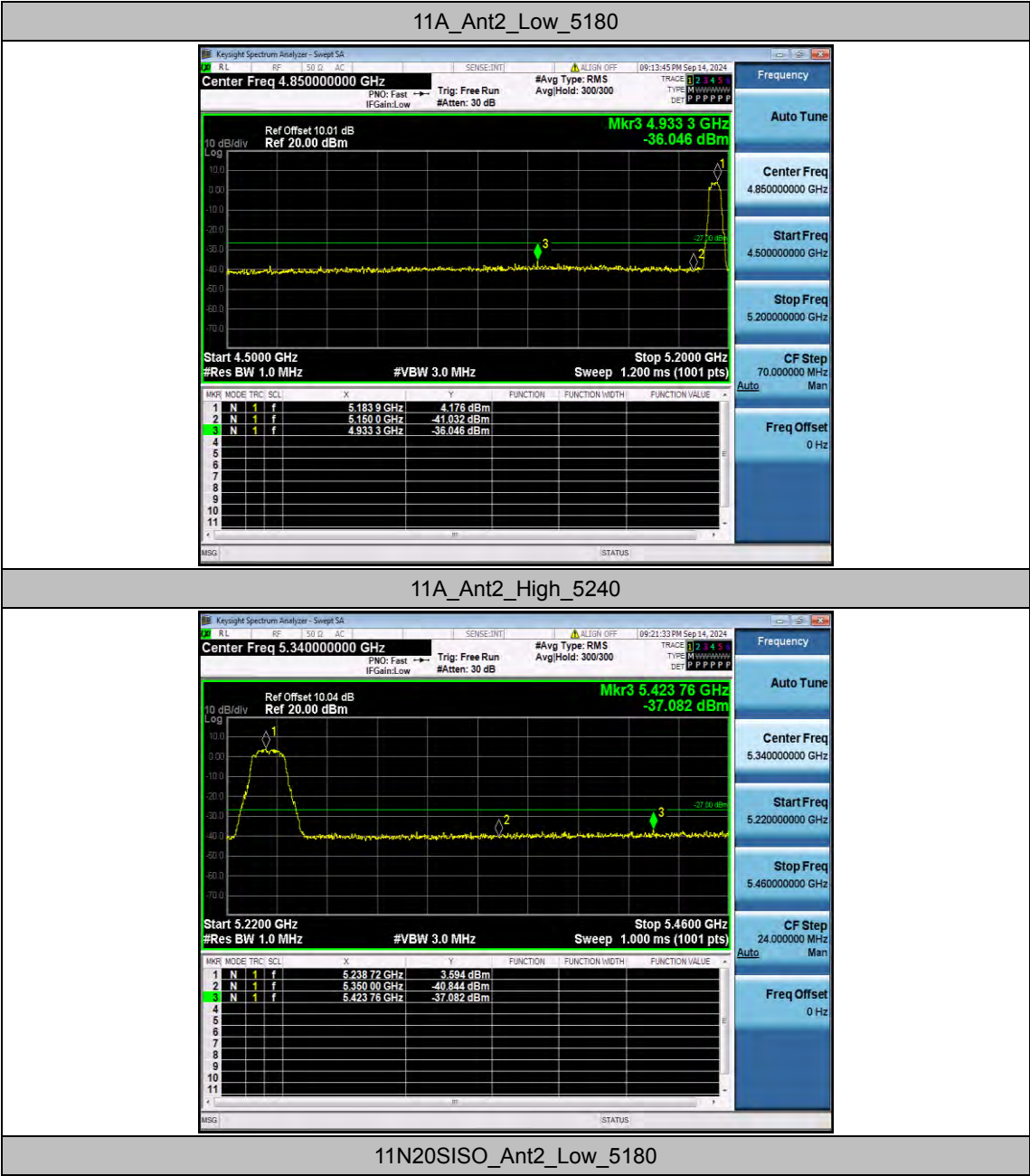


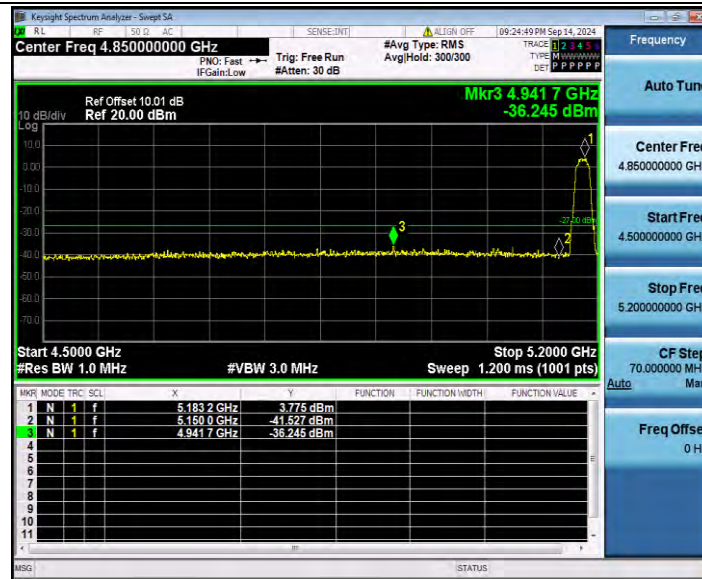
Appendix D.6: Band edge measurements

Test Result B1

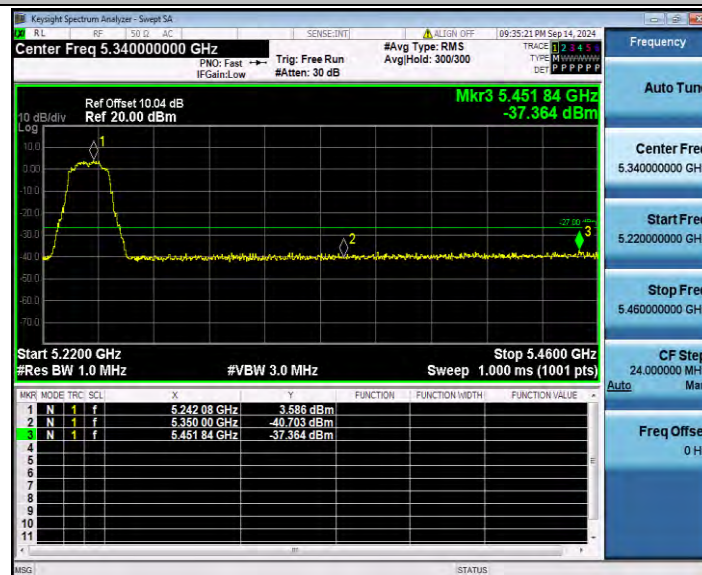
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-36.05	≤ -27	PASS
		High	5240	-37.08	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-36.25	≤ -27	PASS
		High	5240	-37.36	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-36.51	≤ -27	PASS
		High	5230	-37.03	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-36.62	≤ -27	PASS
		High	5240	-37.94	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-37.08	≤ -27	PASS
		High	5230	-37.46	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-36.96	≤ -27	PASS
		High	5210	-37.92	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-37.48	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-36.8	≤ -27	PASS
		High	5230	-37.42	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-37.02	≤ -27	PASS
		High	5210	-37.87	≤ -27	PASS

Test Graphs B1

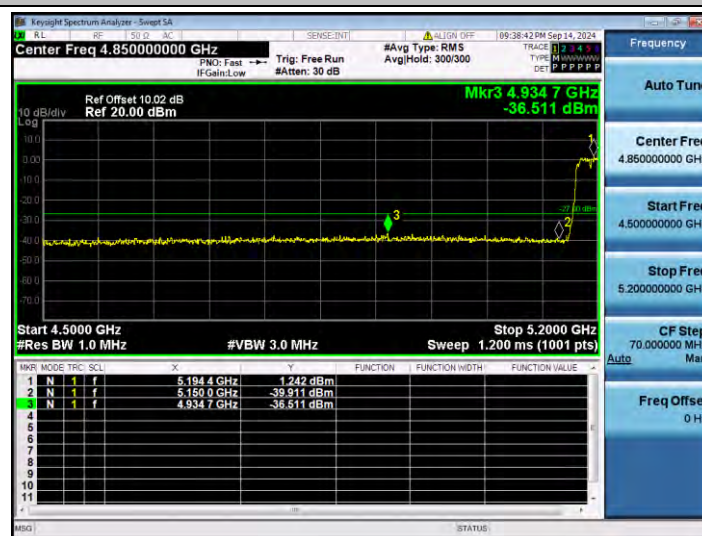




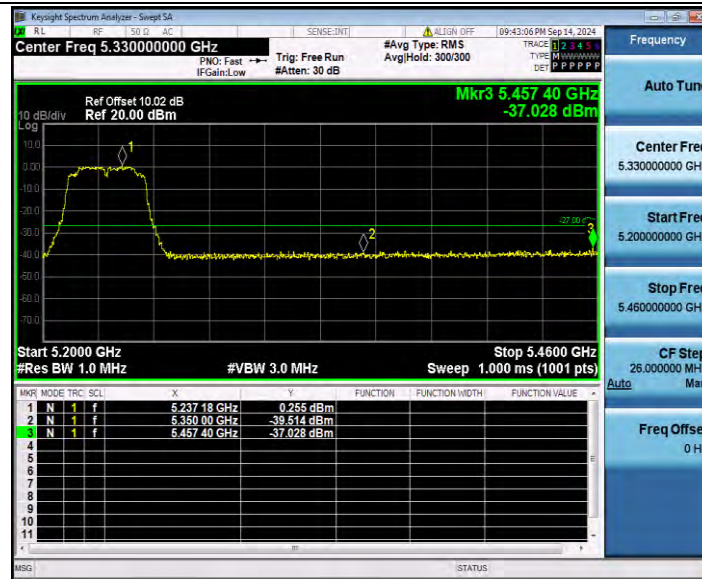
11N20SISO_Ant2_High_5240



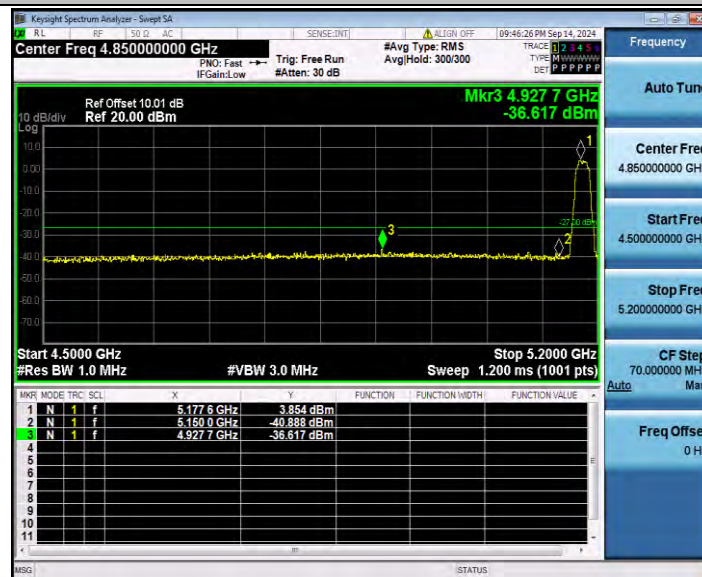
11N40SISO_Ant2_Low_5190



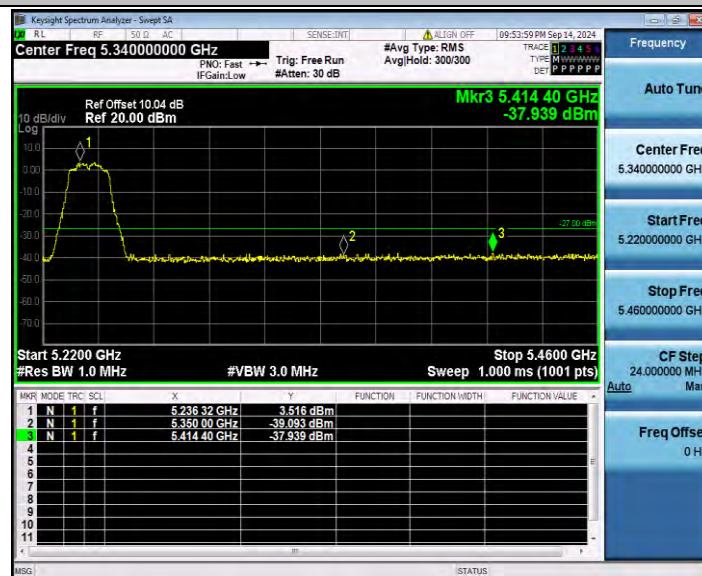
11N40SISO_Ant2_High_5230

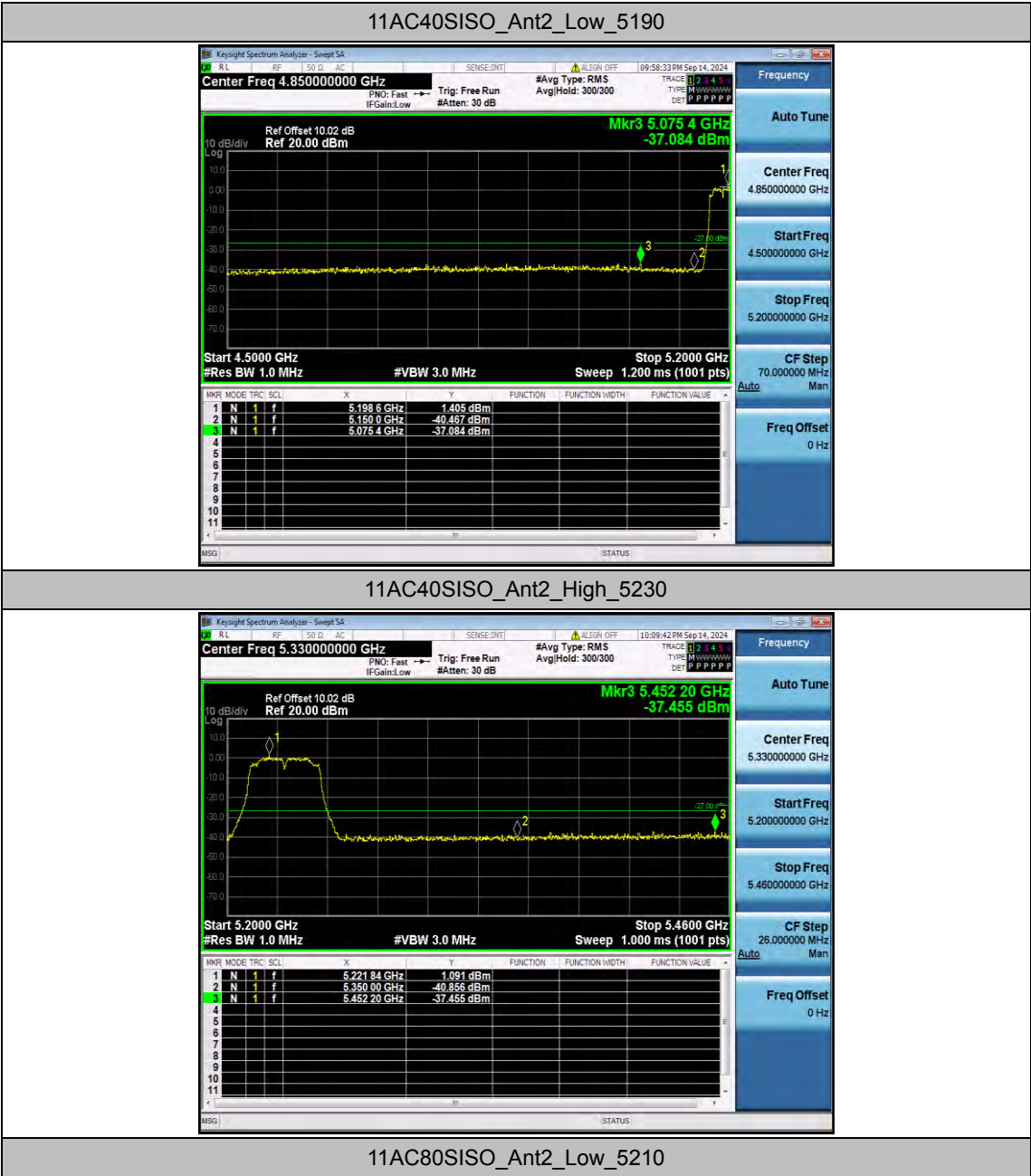


11AC20SISO_Ant2_Low_5180



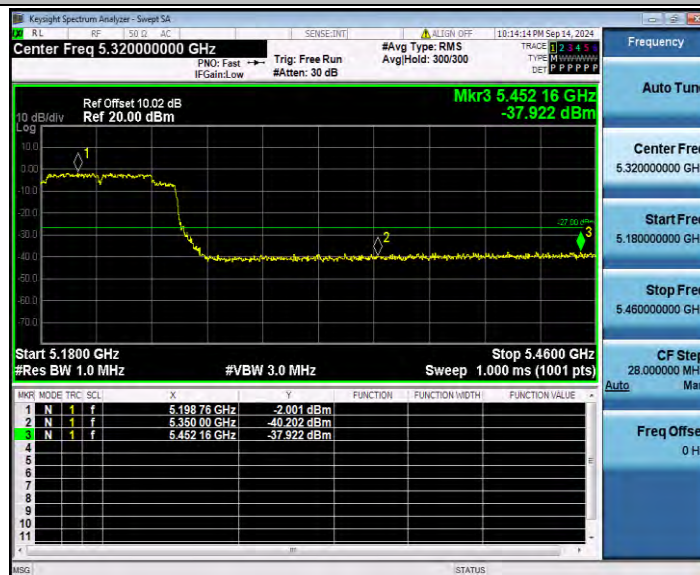
11AC20SISO_Ant2_High_5240



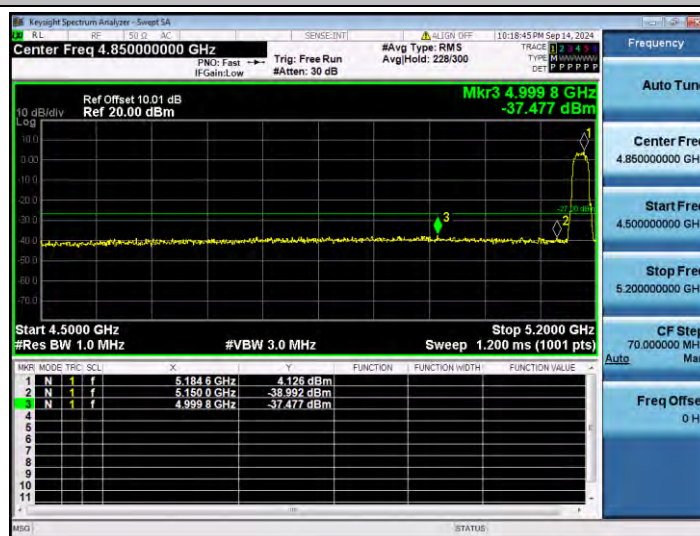




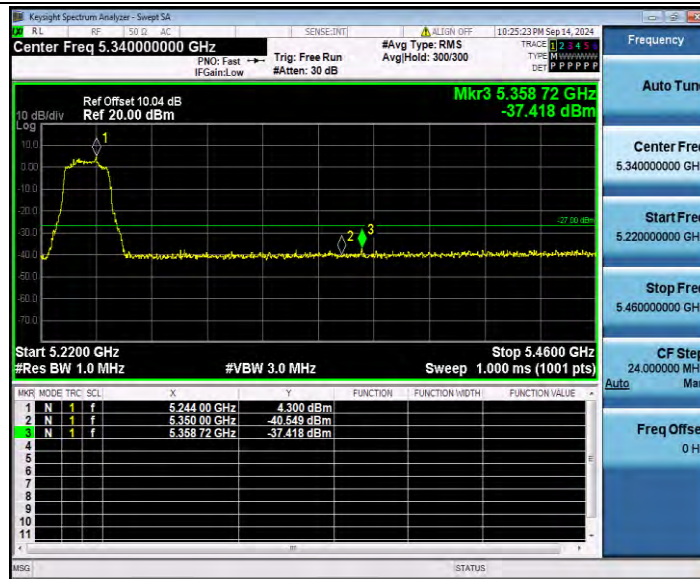
11AC80SISO_Ant2_High_5210



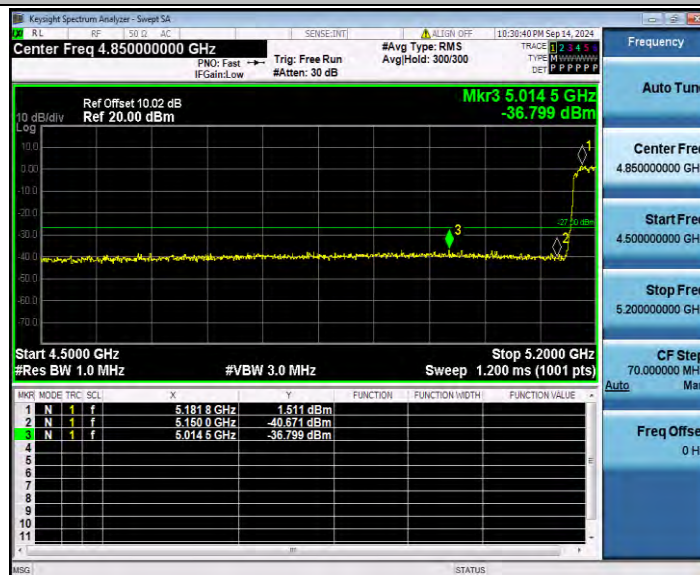
11AX20SISO_Ant2_Low_5180



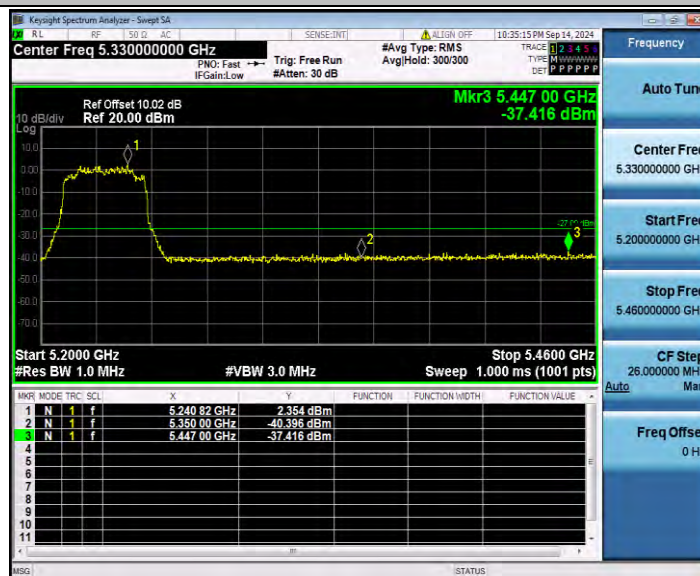
11AX20SISO_Ant2_High_5240

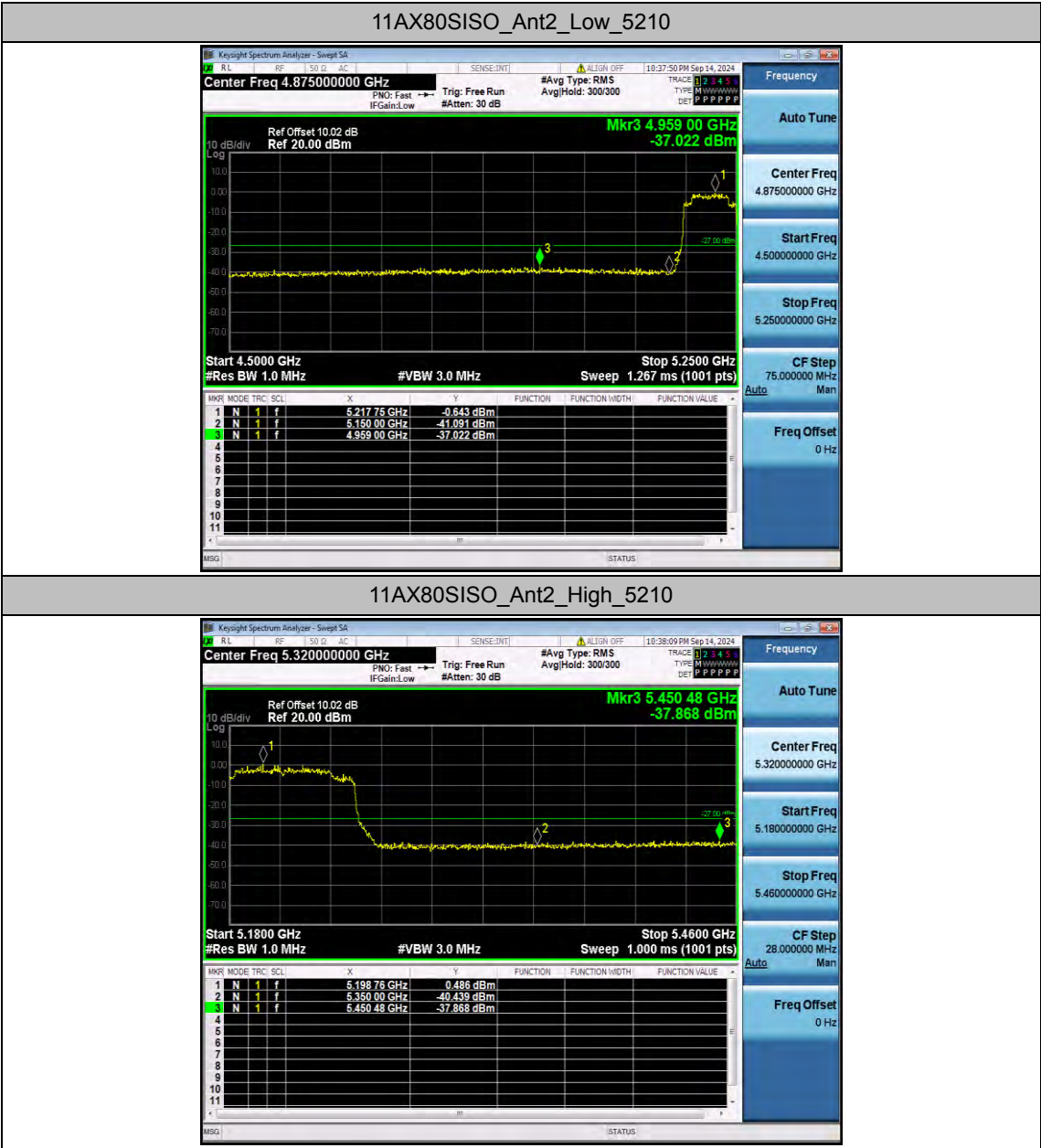


11AX40SISO_Ant2_Low_5190



11AX40SISO_Ant2_High_5230





Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	4937.13	-45.67	≤-27	PASS
			5360~27000	26880.98	-36.87	≤-27	PASS
		5200	30~5140	4930.49	-45.94	≤-27	PASS
			5360~27000	24241.62	-37.15	≤-27	PASS
		5240	30~5140	4900.68	-45.49	≤-27	PASS
			5360~27000	26068.76	-36.64	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5063.69	-45.84	≤-27	PASS
			5360~27000	24256.05	-36.81	≤-27	PASS
		5200	30~5140	4978.69	-45	≤-27	PASS
			5360~27000	26899.01	-36.81	≤-27	PASS
		5240	30~5140	4918.4	-46.39	≤-27	PASS
			5360~27000	24343.33	-36.63	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	2667.44	-45.59	≤-27	PASS
			5360~27000	26544.12	-37.44	≤-27	PASS
		5230	30~5140	4959.62	-45.83	≤-27	PASS
			5360~27000	26950.23	-36.95	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	4909.37	-46.34	≤-27	PASS
			5360~27000	26797.31	-36.96	≤-27	PASS
		5200	30~5140	4887.91	-45.68	≤-27	PASS
			5360~27000	26772.06	-37.2	≤-27	PASS
		5240	30~5140	4876.66	-46.61	≤-27	PASS
			5360~27000	24233.69	-37.21	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	4972.39	-45.88	≤-27	PASS
			5360~27000	26588.84	-36.74	≤-27	PASS
		5230	30~5140	3528.31	-46.26	≤-27	PASS
			5360~27000	25561.66	-37.63	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	2677.15	-46.12	≤-27	PASS
			5360~27000	26977.64	-36.77	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	4925.72	-46.33	≤-27	PASS
			5360~27000	24296.44	-36.46	≤-27	PASS
		5200	30~5140	5075.27	-45.74	≤-27	PASS
			5360~27000	26084.63	-36.91	≤-27	PASS
		5240	30~5140	5059.26	-46.37	≤-27	PASS
			5360~27000	24284.18	-36.65	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	4932.53	-46.33	≤-27	PASS
			5360~27000	24973.05	-37.7	≤-27	PASS

		5230	30~5140	4959.96	-45.74	≤ -27	PASS
			5360~27000	26003.84	-36.99	≤ -27	PASS
11AX80SISO	Ant2	5210	30~5140	5125.69	-46.12	≤ -27	PASS
			5360~27000	25622.97	-37.33	≤ -27	PASS

Test Graphs

11A_Ant2_5180_30~5140



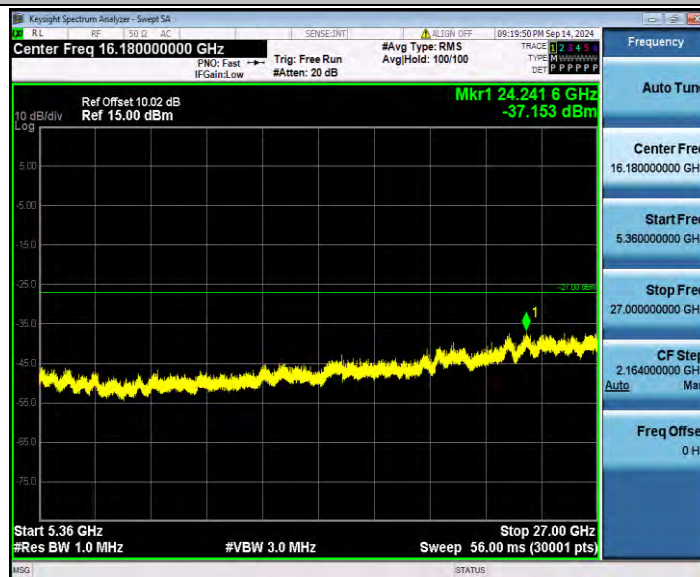
11A_Ant2_5180_5360~27000



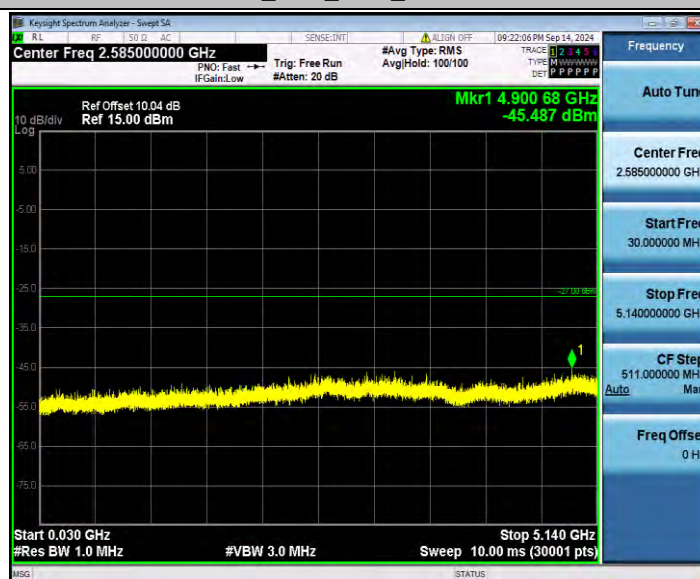
11A_Ant2_5200_30~5140



11A_Ant2_5200_5360~27000



11A_Ant2_5240_30~5140



11A_Ant2_5240_5360~27000



11N20SISO_Ant2_5180_30~5140



11N20SISO_Ant2_5180_5360~27000



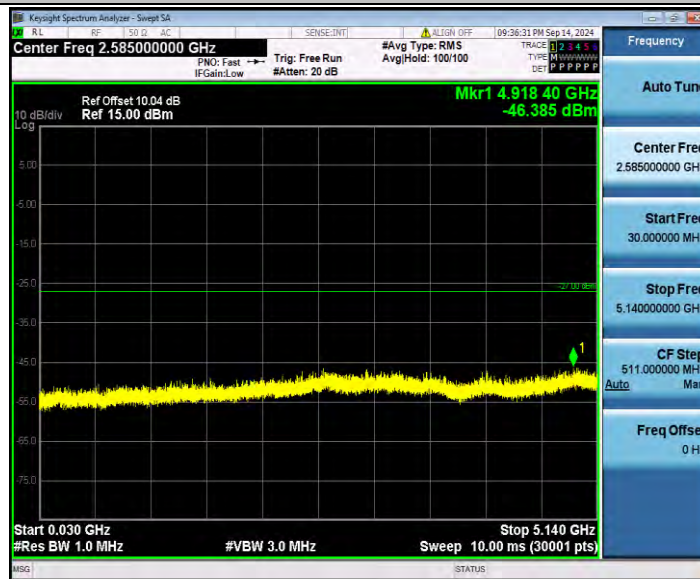
11N20SISO_Ant2_5200_30~5140



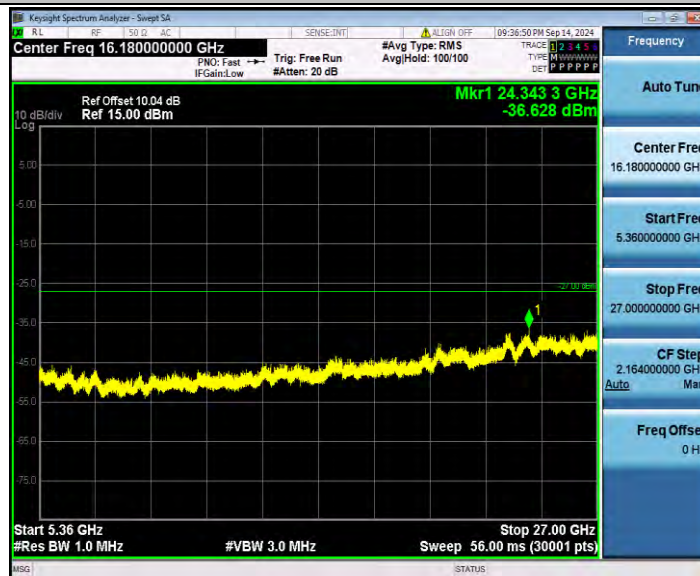
11N20SISO_Ant2_5200_5360~27000



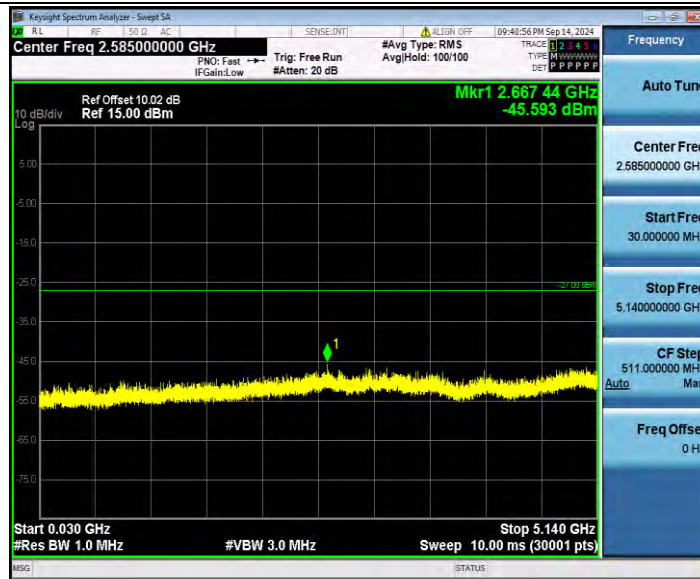
11N20SISO_Ant2_5240_30~5140



11N20SISO_Ant2_5240_5360~27000



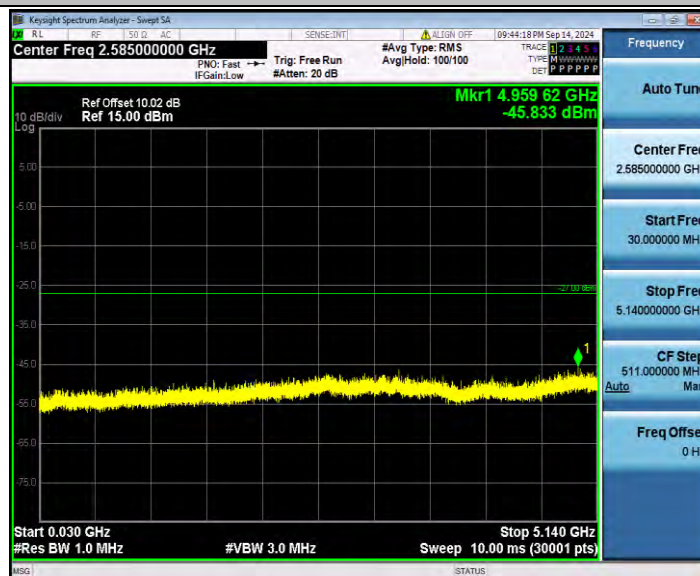
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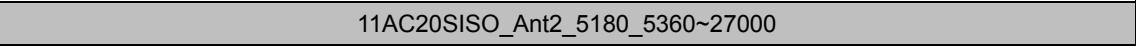
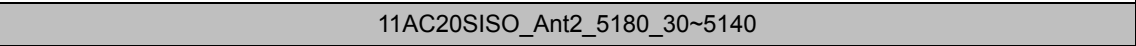


11N40SISO_Ant2_5190_5360~27000



11N40SISO_Ant2_5230_30~5140



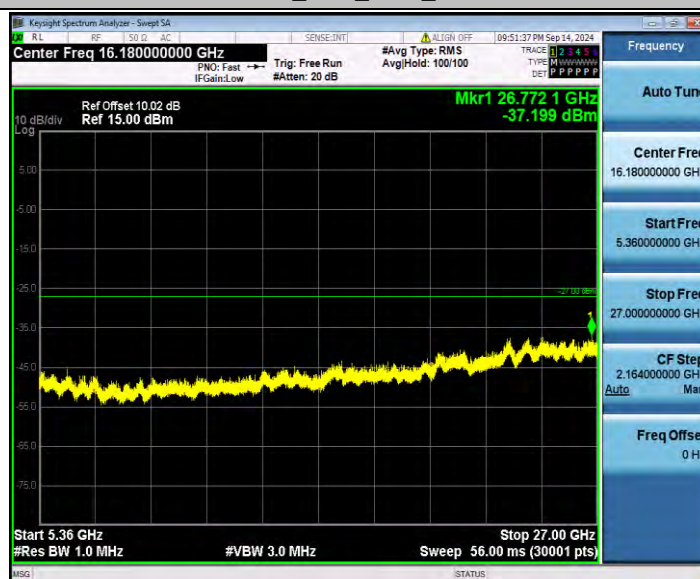




11AC20SISO_Ant2_5200_30~5140



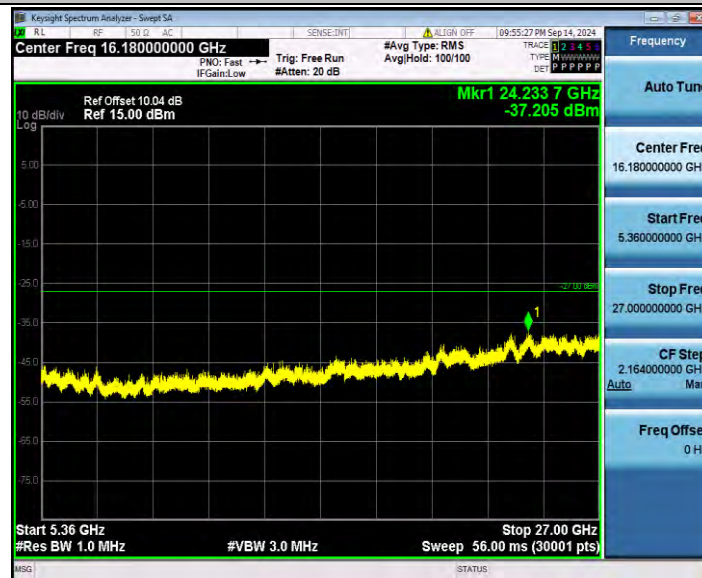
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11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~27000



11AC40SISO_Ant2_5190_30~5140



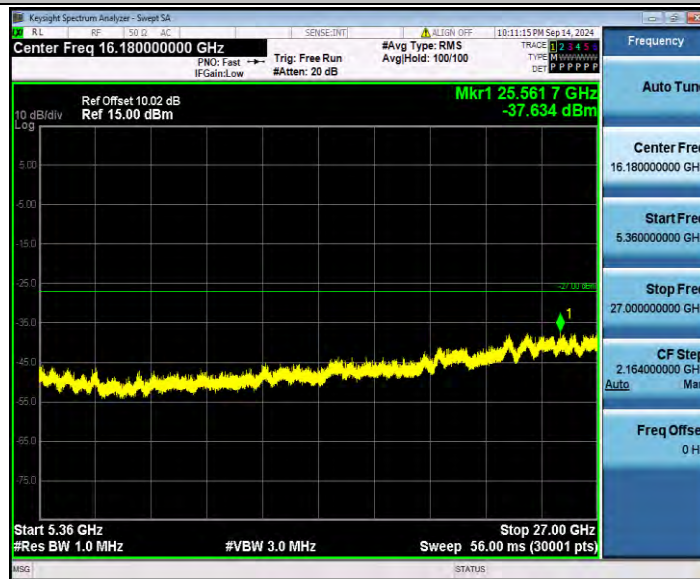
11AC40SISO_Ant2_5190_5360~27000



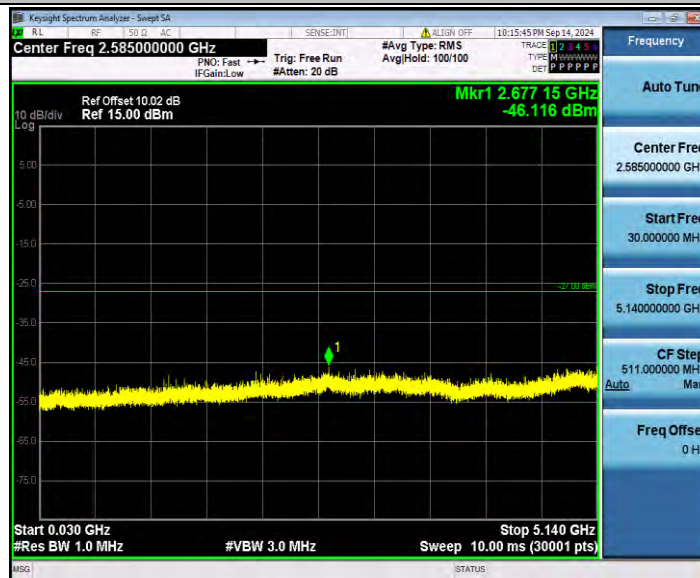
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11AC40SISO_Ant2_5230_5360~27000



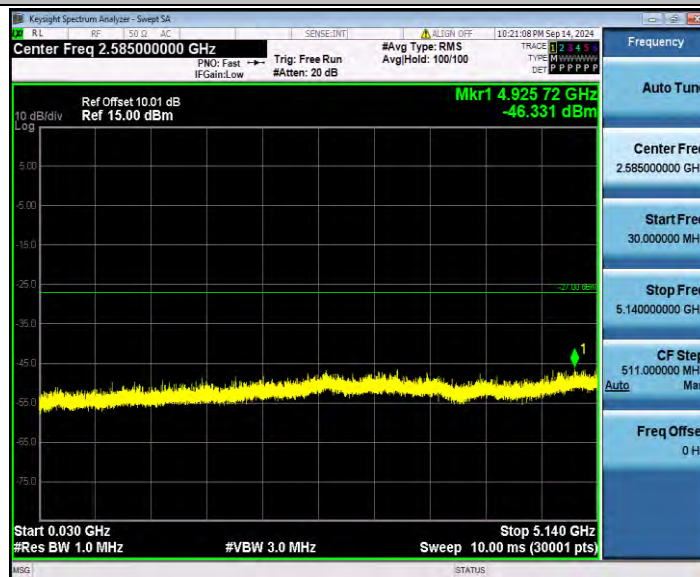
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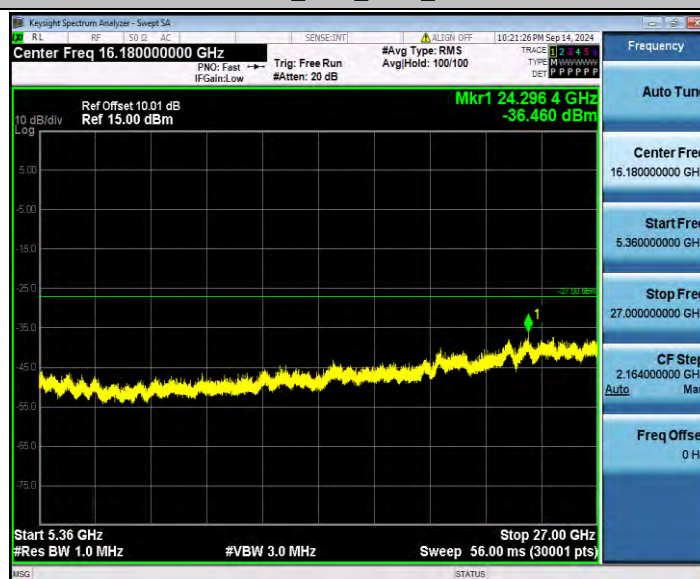
11AC80SISO_Ant2_5210_5360~27000



11AX20SISO_Ant2_5180_30~5140



11AX20SISO_Ant2_5180_5360~27000



11AX20SISO_Ant2_5200_30~5140



11AX20SISO_Ant2_5200_5360~27000



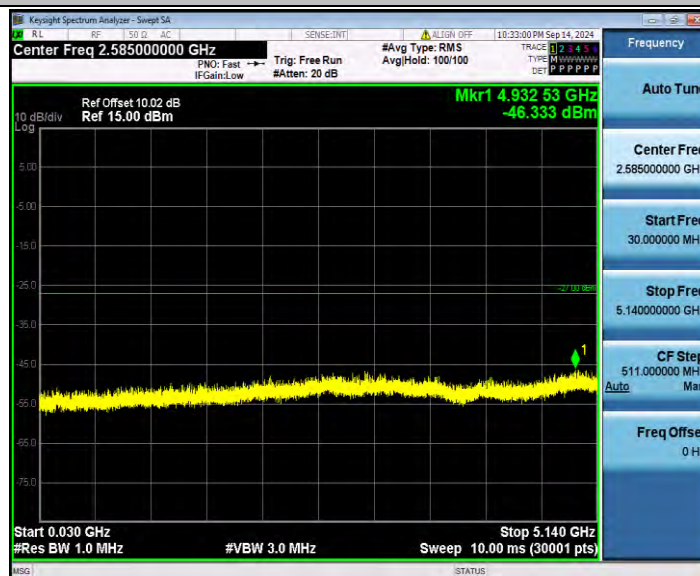
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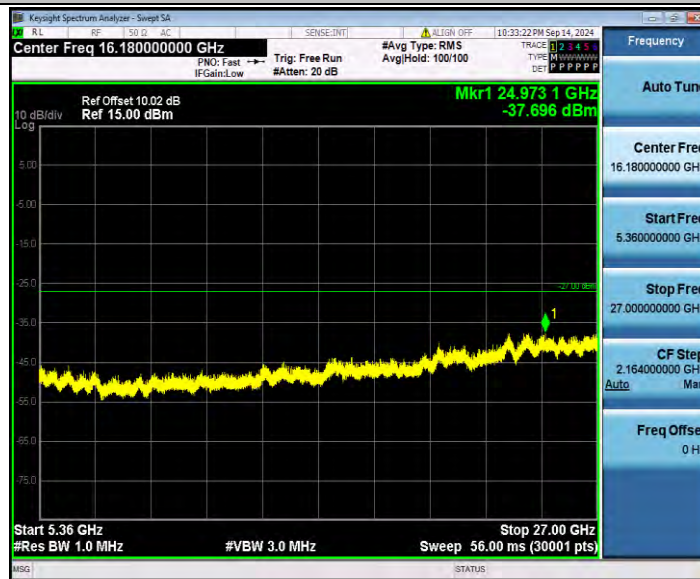
11AX20SISO_Ant2_5240_5360~27000



11AX40SISO_Ant2_5190_30~5140



11AX40SISO_Ant2_5190_5360~27000



11AX40SISO_Ant2_5230_30~5140



11AX40SISO_Ant2_5230_5360~27000



11AX80SISO_Ant2_5210_30~5140



11AX80SISO_Ant2_5210_5360~27000

