

Appendix D.4: Maximum conducted output power

Test Result Channel Power

TestMode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	11.46	79.89	0.98	12.44	≤23.98	PASS
		5200	12.04	80.00	0.97	13.01	≤23.98	PASS
		5240	12.68	79.89	0.98	13.66	≤23.98	PASS
11N20SISO	Ant0	5180	10.29	78.79	1.04	11.33	≤23.98	PASS
		5200	10.75	78.79	1.04	11.79	≤23.98	PASS
		5240	11.60	78.79	1.04	12.64	≤23.98	PASS
11N40SISO	Ant0	5190	10.05	65.31	1.85	11.90	≤23.98	PASS
		5230	10.88	65.31	1.85	12.73	≤23.98	PASS
11AC20SISO	Ant0	5180	9.61	65.38	1.85	11.46	≤23.98	PASS
		5200	9.96	66.02	1.80	11.76	≤23.98	PASS
		5240	10.56	65.05	1.87	12.43	≤23.98	PASS
11AC40SISO	Ant0	5190	9.00	50.70	2.95	11.95	≤23.98	PASS
		5230	9.67	50.70	2.95	12.62	≤23.98	PASS
11AC80SISO	Ant0	5210	7.39	35.19	4.54	11.93	≤23.98	PASS
11AX20SISO	Ant0	5180	7.44	37.74	4.23	11.67	≤23.98	PASS
		5200	7.99	38.46	4.15	12.14	≤23.98	PASS
		5240	8.58	38.46	4.15	12.73	≤23.98	PASS
11AX40SISO	Ant0	5190	8.26	38.46	4.15	12.41	≤23.98	PASS
		5230	8.72	38.46	4.15	12.87	≤23.98	PASS
11AX80SISO	Ant0	5210	7.66	34.55	4.62	12.28	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	2.08	≤11.00	PASS
		5200	2.76	≤11.00	PASS
		5240	3.13	≤11.00	PASS
11N20SISO	Ant0	5180	0.89	≤11.00	PASS
		5200	1.42	≤11.00	PASS
		5240	1.95	≤11.00	PASS
11N40SISO	Ant0	5190	-1.76	≤11.00	PASS
		5230	-0.87	≤11.00	PASS
11AC20SISO	Ant0	5180	0.01	≤11.00	PASS
		5200	0.48	≤11.00	PASS
		5240	1.24	≤11.00	PASS
11AC40SISO	Ant0	5190	-0.88	≤11.00	PASS
		5230	-0.03	≤11.00	PASS
11AC80SISO	Ant0	5210	-4.29	≤11.00	PASS
11AX20SISO	Ant0	5180	-0.03	≤11.00	PASS
		5200	0.53	≤11.00	PASS
		5240	1.16	≤11.00	PASS
11AX40SISO	Ant0	5190	-1.52	≤11.00	PASS
		5230	-0.78	≤11.00	PASS
11AX80SISO	Ant0	5210	-3.90	≤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_Ant0_5180



11A_Ant0_5200



11A_Ant0_5240



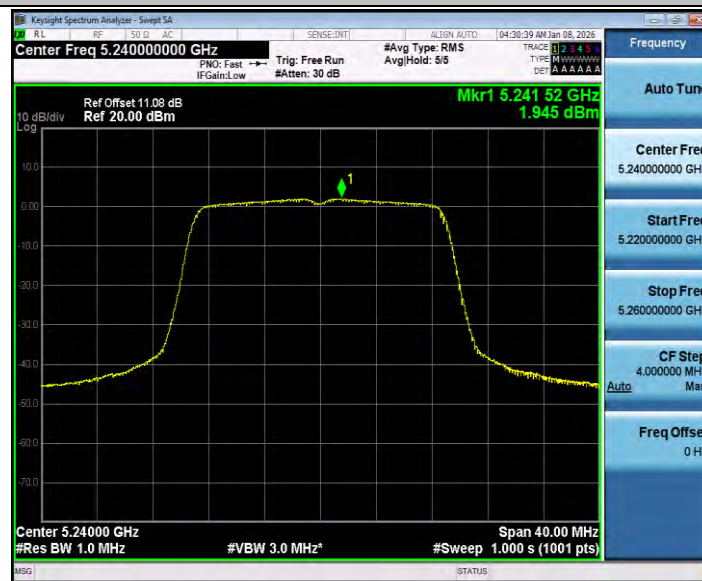
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



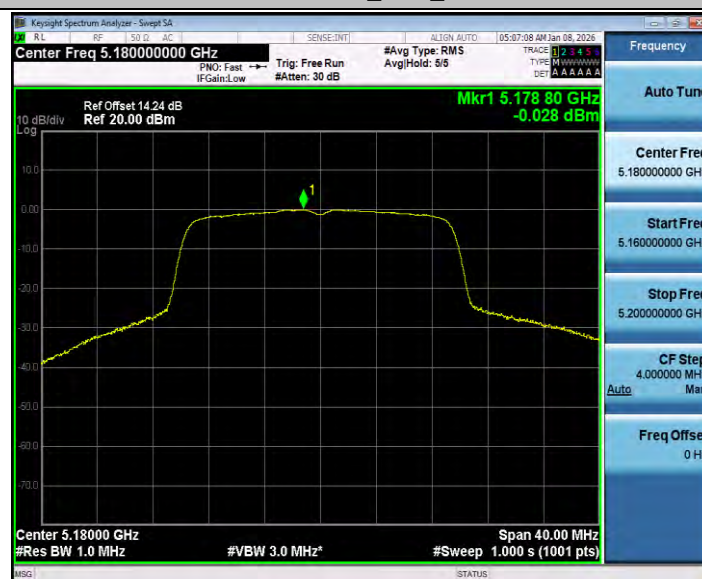
11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

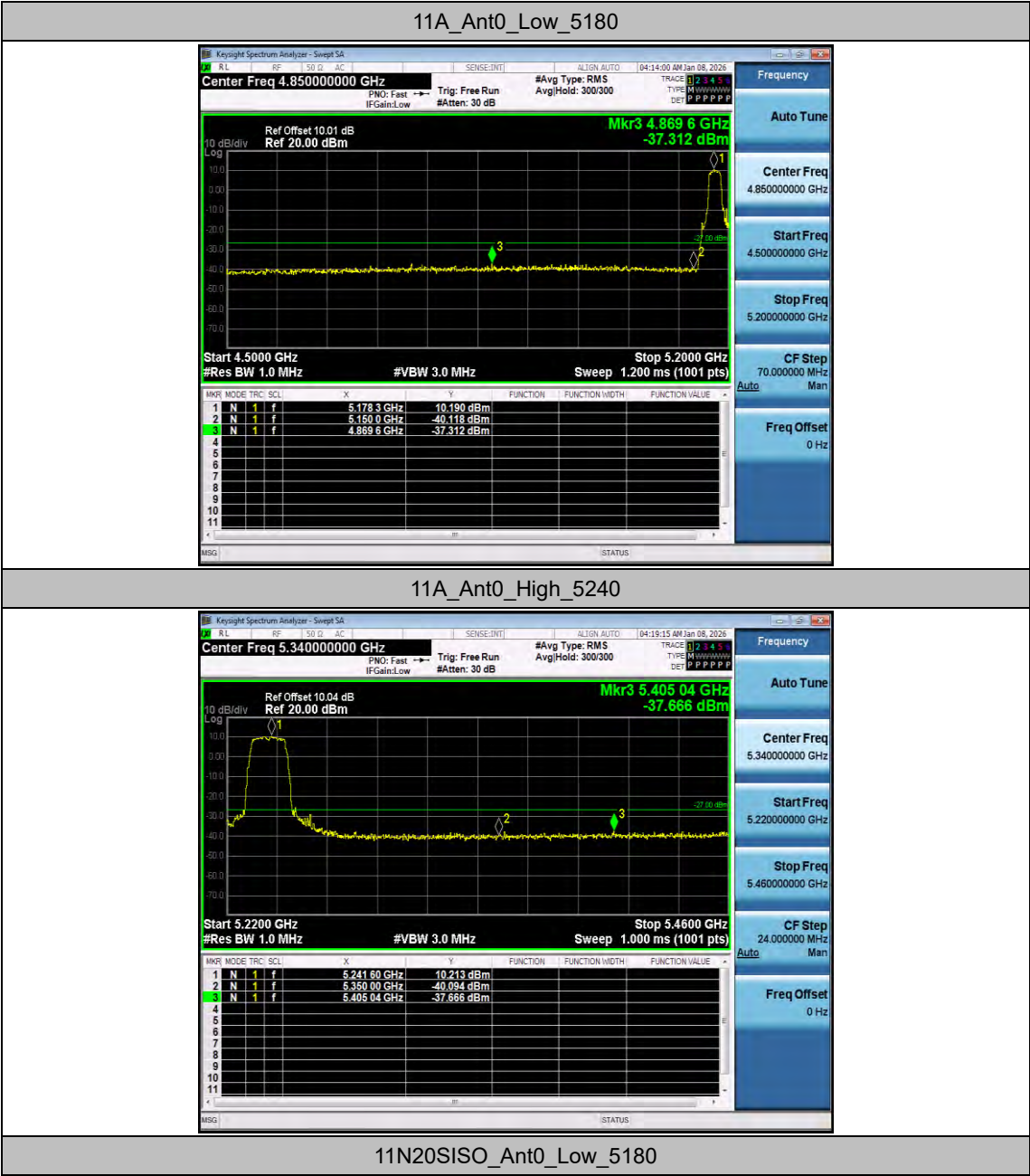


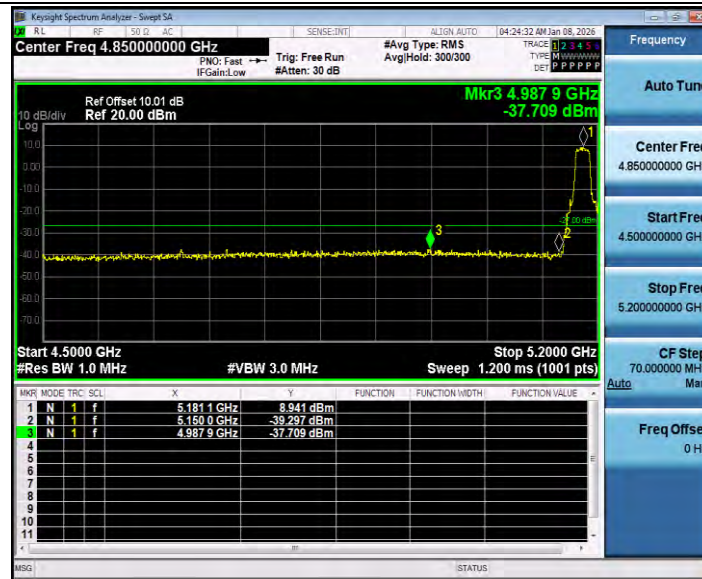
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-37.31	≤-27	PASS
		High	5240	-37.67	≤-27	PASS
11N20SISO	Ant0	Low	5180	-37.71	≤-27	PASS
		High	5240	-37.65	≤-27	PASS
11N40SISO	Ant0	Low	5190	-37.47	≤-27	PASS
		High	5230	-37.62	≤-27	PASS
11AC20SISO	Ant0	Low	5180	-37.41	≤-27	PASS
		High	5240	-35.98	≤-27	PASS
11AC40SISO	Ant0	Low	5190	-36.86	≤-27	PASS
		High	5230	-37.82	≤-27	PASS
11AC80SISO	Ant0	Low	5210	-34.94	≤-27	PASS
		High	5210	-37.69	≤-27	PASS
11AX20SISO	Ant0	Low	5180	-37.55	≤-27	PASS
		High	5240	-36.15	≤-27	PASS
11AX40SISO	Ant0	Low	5190	-36.79	≤-27	PASS
		High	5230	-37.07	≤-27	PASS
11AX80SISO	Ant0	Low	5210	-35.2	≤-27	PASS
		High	5210	-37.89	≤-27	PASS

Test GraphsB1

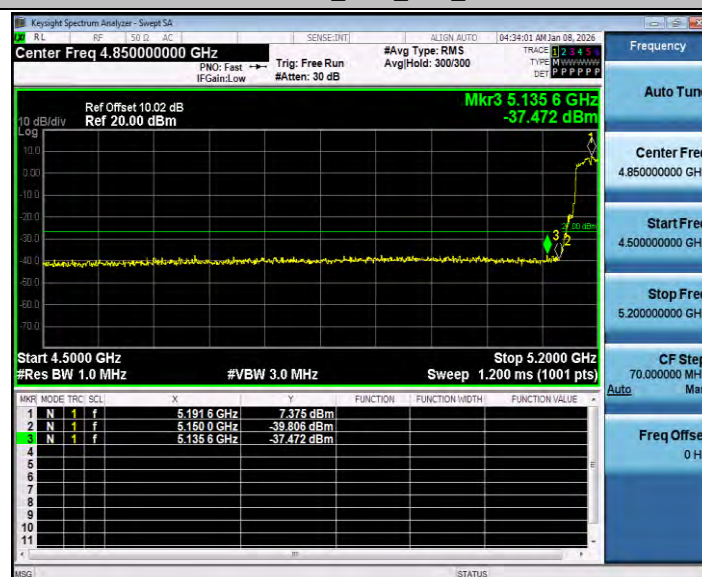




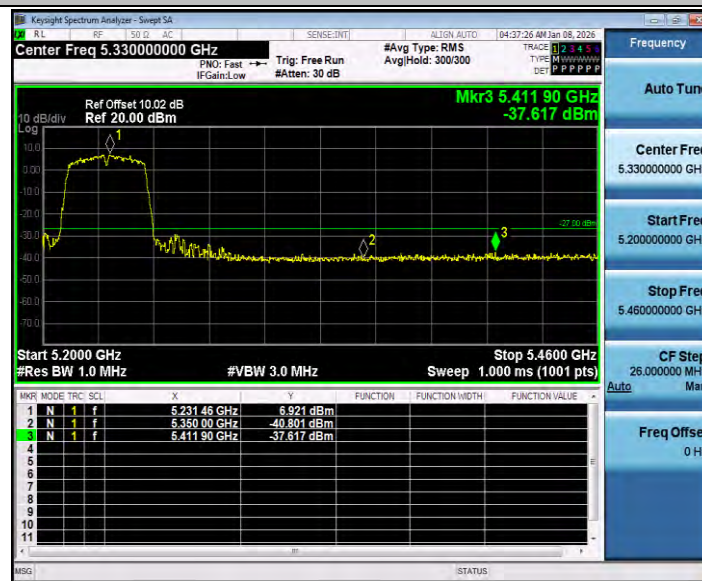
11N20SISO_Ant0_High_5240



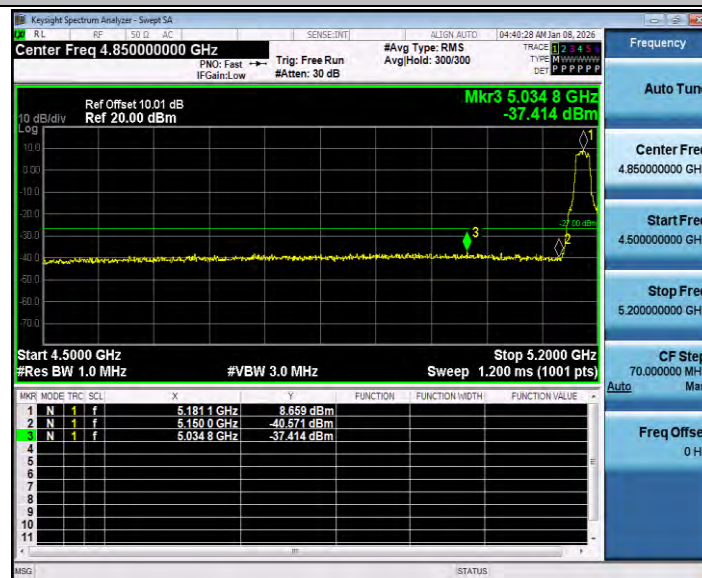
11N40SISO_Ant0_Low_5190



11N40SISO_Ant0_High_5230



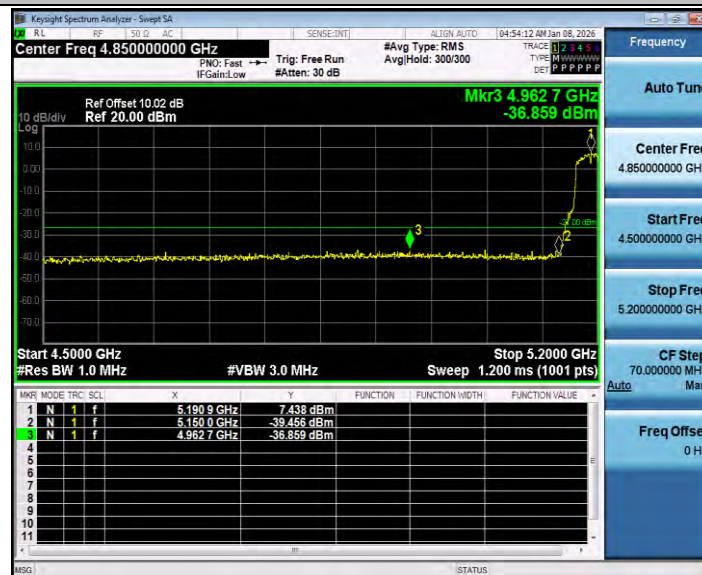
11AC20SISO_Ant0_Low_5180



11AC20SISO_Ant0_High_5240



11AC40SISO_Ant0_Low_5190



11AC40SISO_Ant0_High_5230



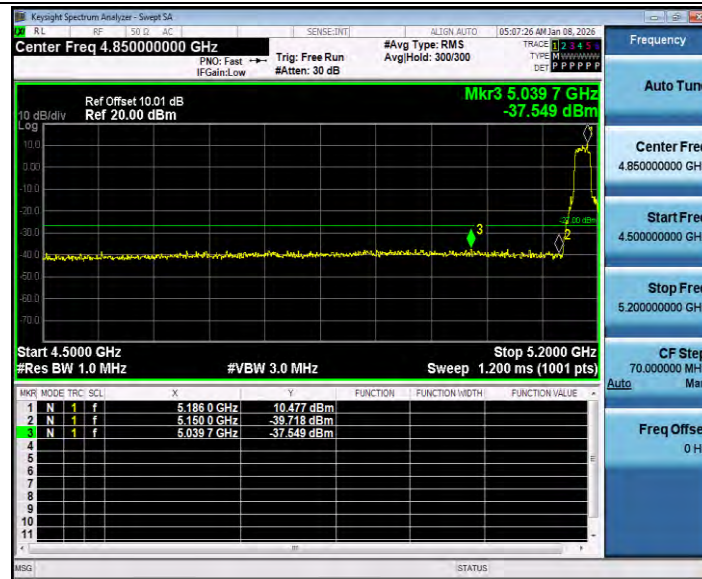
11AC80SISO_Ant0_Low_5210



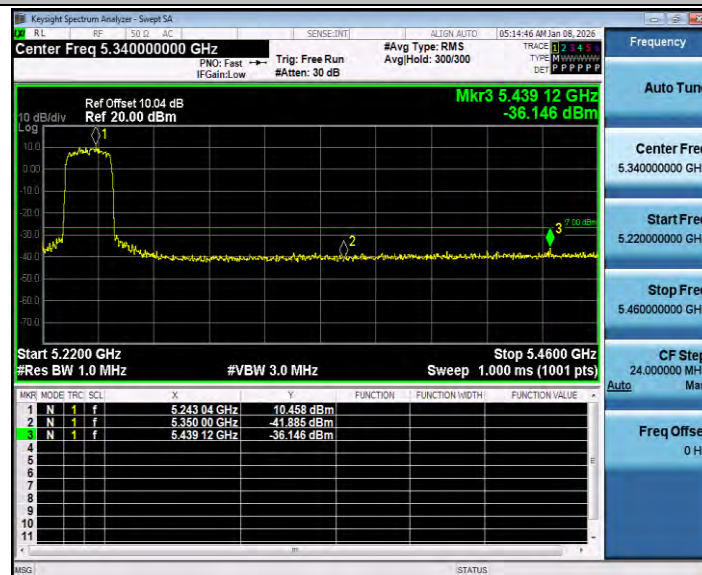
11AC80SISO_Ant0_High_5210



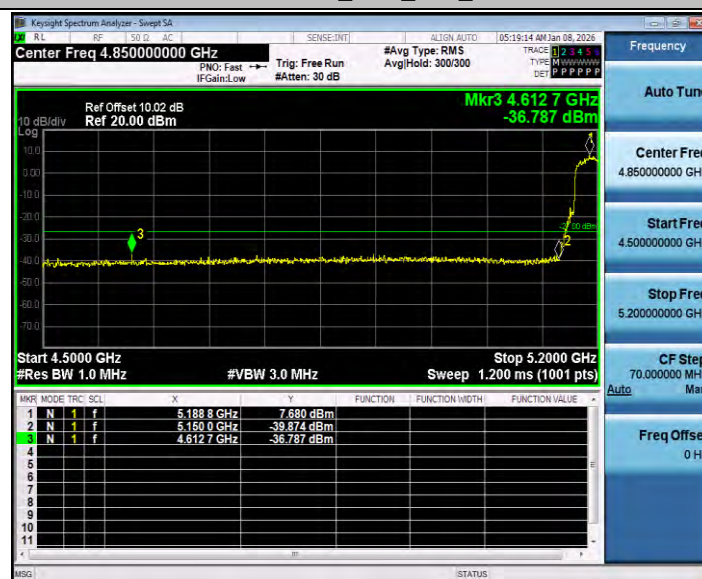
11AX20SISO_Ant0_Low_5180



11AX20SISO_Ant0_High_5240



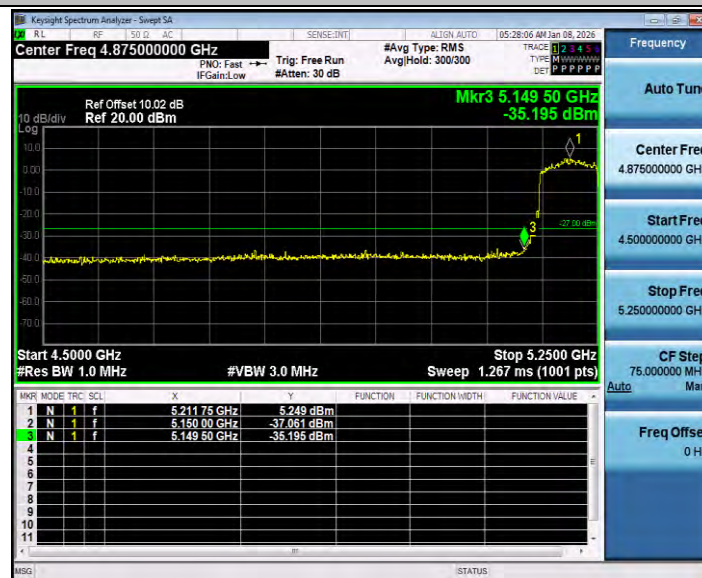
11AX40SISO_Ant0_Low_5190



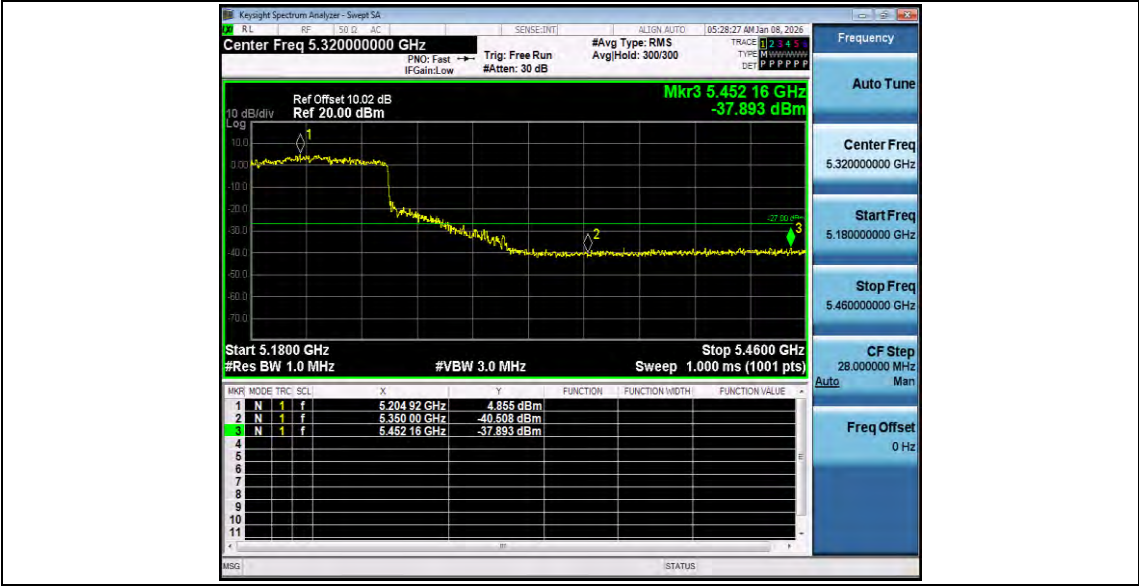
11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_High_5210



Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	2690.95	-46.25	≤-27	PASS
			5360~27000	24157.95	-37.38	≤-27	PASS
		5200	30~5140	5082.26	-45.3	≤-27	PASS
			5360~27000	26816.78	-36.81	≤-27	PASS
		5240	30~5140	2749.88	-46.34	≤-27	PASS
			5360~27000	24797.77	-37.41	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	2642.23	-46.03	≤-27	PASS
			5360~27000	24121.88	-37.52	≤-27	PASS
		5200	30~5140	4973.41	-45.83	≤-27	PASS
			5360~27000	23590.26	-37.41	≤-27	PASS
		5240	30~5140	3175.03	-45.16	≤-27	PASS
			5360~27000	24783.34	-37.03	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	2705.77	-45.91	≤-27	PASS
			5360~27000	26626.35	-37.26	≤-27	PASS
		5230	30~5140	4902.56	-45.97	≤-27	PASS
			5360~27000	24282.02	-37.35	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	2742.05	-45.44	≤-27	PASS
			5360~27000	24836.72	-36.9	≤-27	PASS
		5200	30~5140	2653.99	-46.34	≤-27	PASS
			5360~27000	26869.44	-37.59	≤-27	PASS
		5240	30~5140	2649.56	-46.21	≤-27	PASS
			5360~27000	26112.04	-36.8	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5140	-45.7	≤-27	PASS
			5360~27000	24223.59	-36.87	≤-27	PASS
		5230	30~5140	2604.59	-46.38	≤-27	PASS
			5360~27000	26030.53	-37.28	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5119.39	-39.06	≤-27	PASS
			5360~27000	26639.33	-37.32	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5116.66	-46.02	≤-27	PASS
			5360~27000	26981.25	-37.09	≤-27	PASS
		5200	30~5140	4910.39	-46.4	≤-27	PASS
			5360~27000	26868.72	-36.28	≤-27	PASS
		5240	30~5140	2700.83	-45.8	≤-27	PASS
			5360~27000	24183.19	-36.73	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	3187.47	-45.56	≤-27	PASS
			5360~27000	24230.08	-37.86	≤-27	PASS

		5230	30~5140	4973.07	-45.61	≤-27	PASS
			5360~27000	24772.52	-37.48	≤-27	PASS
11AX80SISO	Ant0	5210	30~5140	5136.42	-39.59	≤-27	PASS
			5360~27000	26061.55	-37.61	≤-27	PASS

Test Graphs

11A_Ant0_5180_30~5140



11A_Ant0_5180_5360~27000



11A_Ant0_5200_30~5140



11A_Ant0_5200_5360~27000



11A_Ant0_5240_30~5140



11A_Ant0_5240_5360~27000



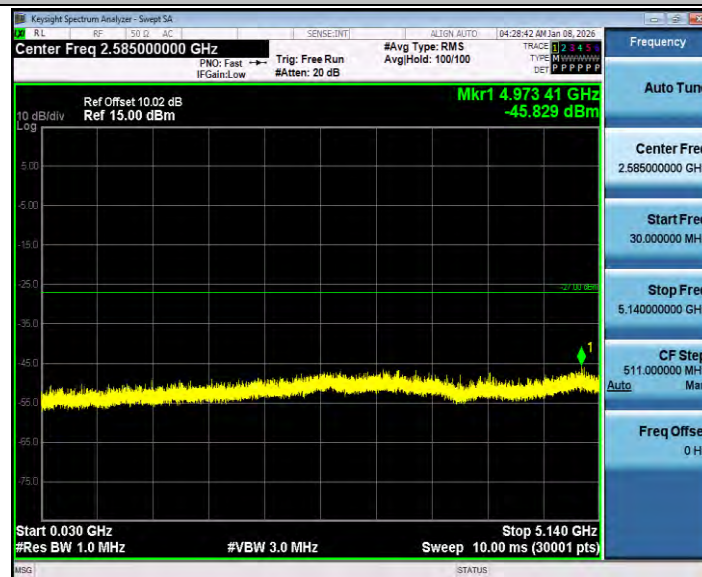
11N20SISO_Ant0_5180_30~5140



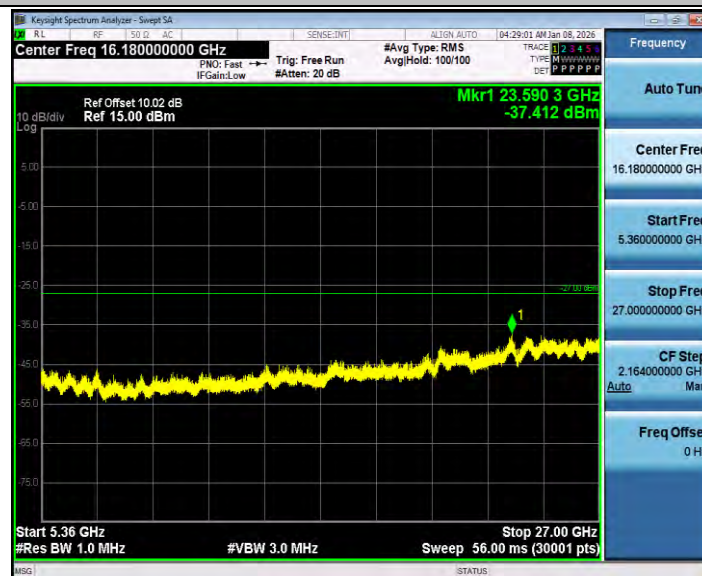
11N20SISO_Ant0_5180_5360~27000



11N20SISO_Ant0_5200_30~5140



11N20SISO_Ant0_5200_5360~27000



11N20SISO_Ant0_5240_30~5140



11N20SISO_Ant0_5240_5360~27000



11N40SISO_Ant0_5190_30~5140



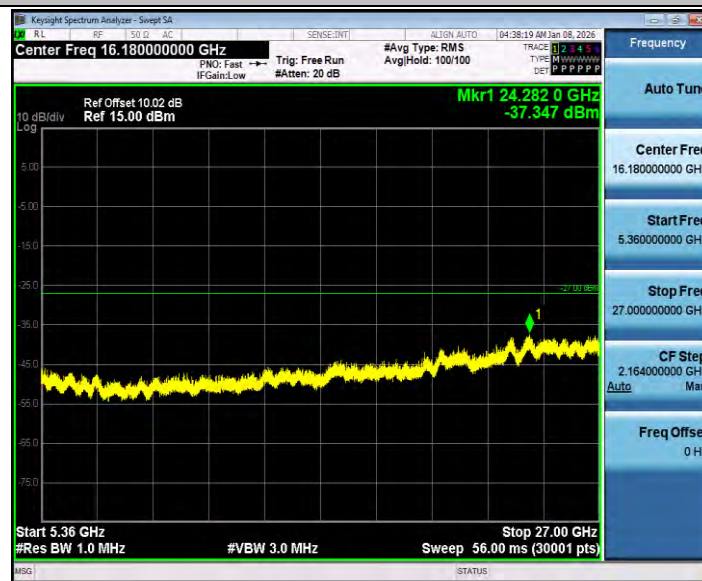
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11N40SISO_Ant0_5230_30~5140



11N40SISO_Ant0_5230_5360~27000



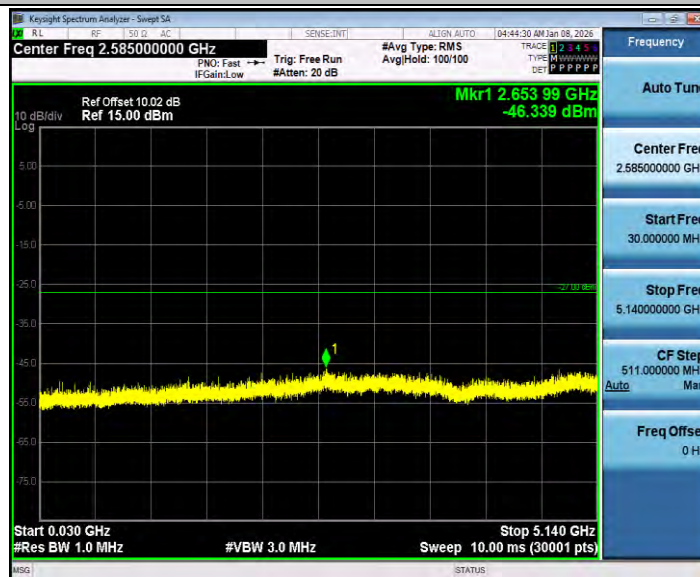
11AC20SISO_Ant0_5180_30~5140



11AC20SISO_Ant0_5180_5360~27000



11AC20SISO_Ant0_5200_30~5140



11AC20SISO_Ant0_5200_5360~27000



11AC20SISO_Ant0_5240_30~5140



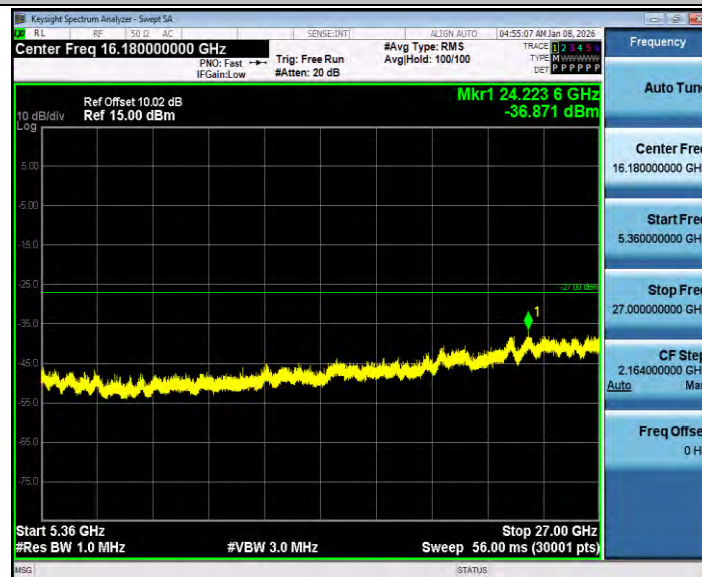
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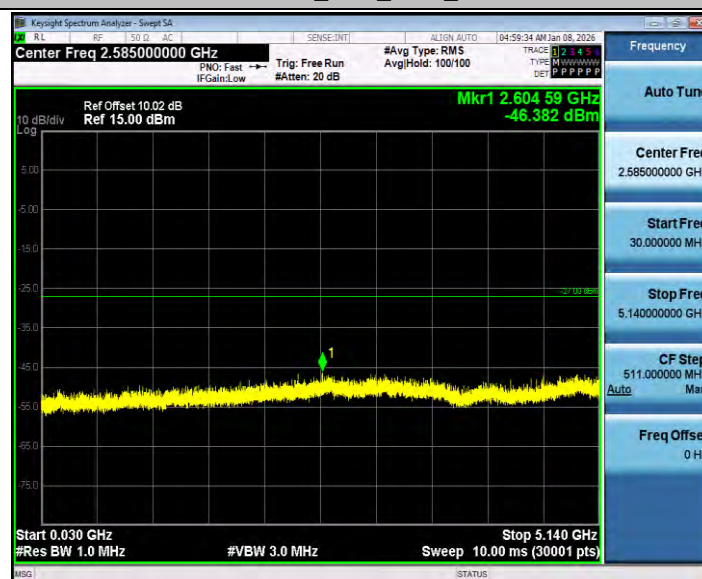
11AC40SISO_Ant0_5190_30~5140



11AC40SISO_Ant0_5190_5360~27000



11AC40SISO_Ant0_5230_30~5140



11AC40SISO_Ant0_5230_5360~27000



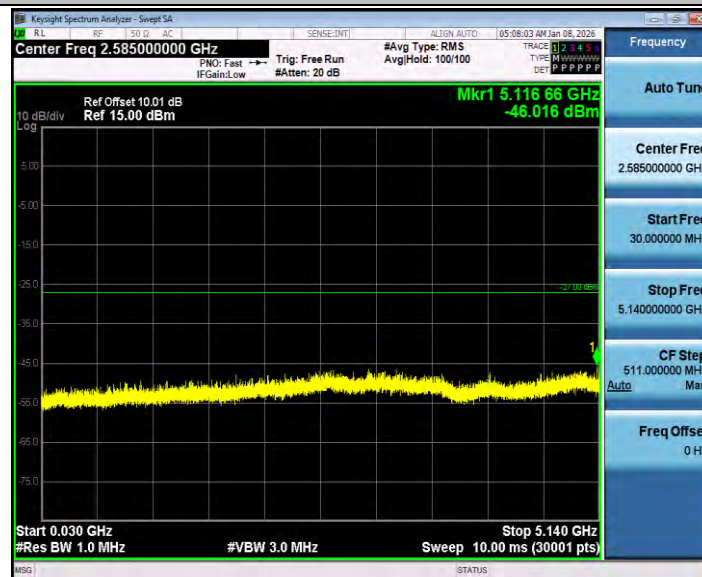
11AC80SISO_Ant0_5210_30~5140



11AC80SISO_Ant0_5210_5360~27000



11AX20SISO_Ant0_5180_30~5140



11AX20SISO_Ant0_5180_5360~27000



11AX20SISO_Ant0_5200_30~5140



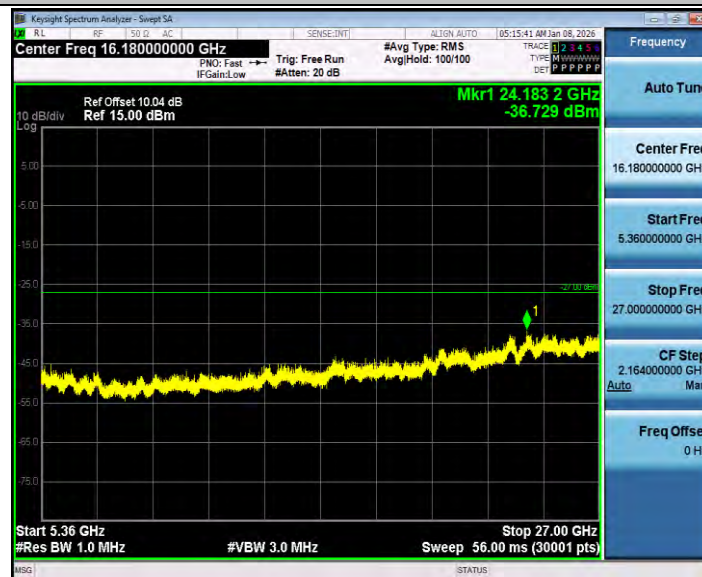
11AX20SISO_Ant0_5200_5360~27000



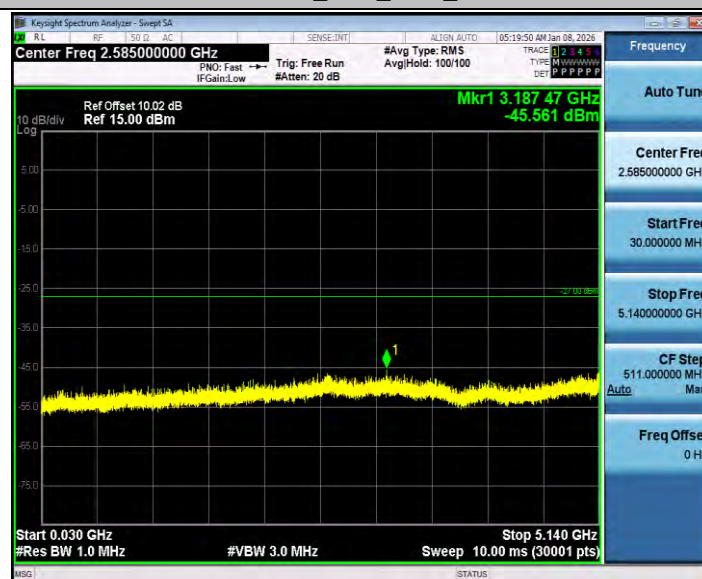
11AX20SISO_Ant0_5240_30~5140



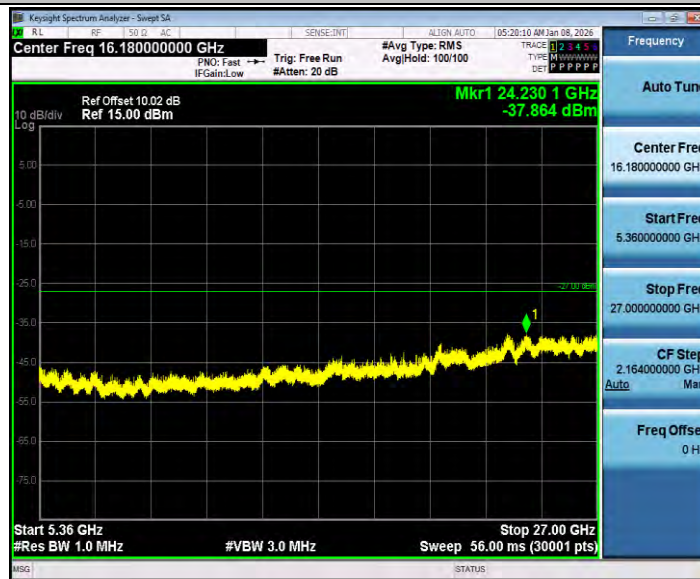
11AX20SISO_Ant0_5240_5360~27000



11AX40SISO_Ant0_5190_30~5140



11AX40SISO_Ant0_5190_5360~27000



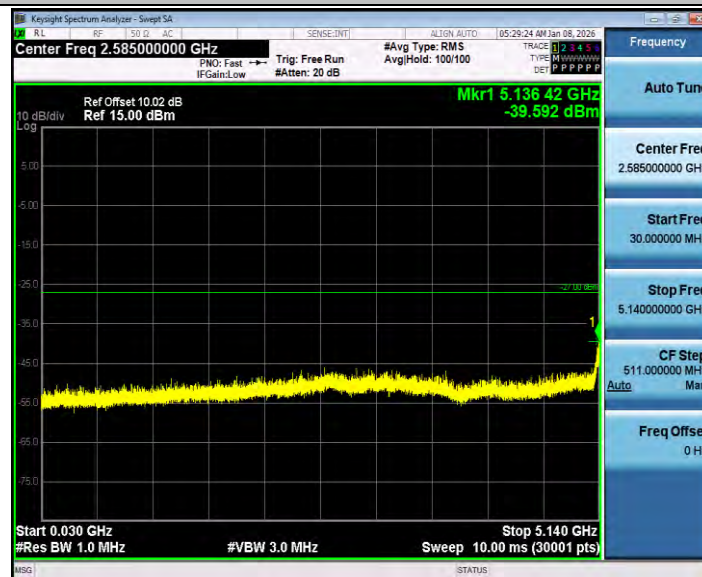
11AX40SISO_Ant0_5230_30~5140



11AX40SISO_Ant0_5230_5360~27000



11AX80SISO_Ant0_5210_30~5140



11AX80SISO_Ant0_5210_5360~27000

