

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	10.37	93.33	0.30	10.67	≤23.98	PASS
		5200	10.42	93.29	0.30	10.72	≤23.98	PASS
		5240	10.30	93.29	0.30	10.60	≤23.98	PASS
11N20SISO	Ant2	5180	9.05	92.91	0.32	9.37	≤23.98	PASS
		5200	9.26	92.91	0.32	9.58	≤23.98	PASS
		5240	9.41	92.86	0.32	9.73	≤23.98	PASS
11N40SISO	Ant2	5190	9.50	86.67	0.62	10.12	≤23.98	PASS
		5230	9.58	86.67	0.62	10.20	≤23.98	PASS
11AC20SISO	Ant2	5180	10.41	93.62	0.29	10.70	≤23.98	PASS
		5200	10.61	92.96	0.32	10.93	≤23.98	PASS
		5240	10.54	92.96	0.32	10.86	≤23.98	PASS
11AC40SISO	Ant2	5190	9.59	86.84	0.61	10.20	≤23.98	PASS
		5230	9.64	86.67	0.62	10.26	≤23.98	PASS
11AC80SISO	Ant2	5210	8.58	76.74	1.15	9.73	≤23.98	PASS
11AX20SISO	Ant2	5180	7.38	91.07	0.41	7.79	≤23.98	PASS
		5200	7.56	91.07	0.41	7.97	≤23.98	PASS
		5240	7.50	91.07	0.41	7.91	≤23.98	PASS
11AX40SISO	Ant2	5190	7.66	84.38	0.74	8.40	≤23.98	PASS
		5230	7.55	84.38	0.74	8.29	≤23.98	PASS
11AX80SISO	Ant2	5210	6.83	74.36	1.29	8.12	≤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	1.63	≤11.00	PASS
		5200	1.77	≤11.00	PASS
		5240	1.64	≤11.00	PASS
11N20SISO	Ant2	5180	0.28	≤11.00	PASS
		5200	0.41	≤11.00	PASS
		5240	0.62	≤11.00	PASS
11N40SISO	Ant2	5190	-4.54	≤11.00	PASS
		5230	-4.55	≤11.00	PASS
11AC20SISO	Ant2	5180	1.55	≤11.00	PASS
		5200	1.81	≤11.00	PASS
		5240	1.80	≤11.00	PASS
11AC40SISO	Ant2	5190	-4.53	≤11.00	PASS
		5230	-4.47	≤11.00	PASS
11AC80SISO	Ant2	5210	-7.43	≤11.00	PASS
11AX20SISO	Ant2	5180	-2.50	≤11.00	PASS
		5200	-2.55	≤11.00	PASS
		5240	-2.54	≤11.00	PASS
11AX40SISO	Ant2	5190	-6.48	≤11.00	PASS
		5230	-6.54	≤11.00	PASS
11AX80SISO	Ant2	5210	-9.34	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



11AX40SISO_Ant2_5230



11AX80SISO_Ant2_5210

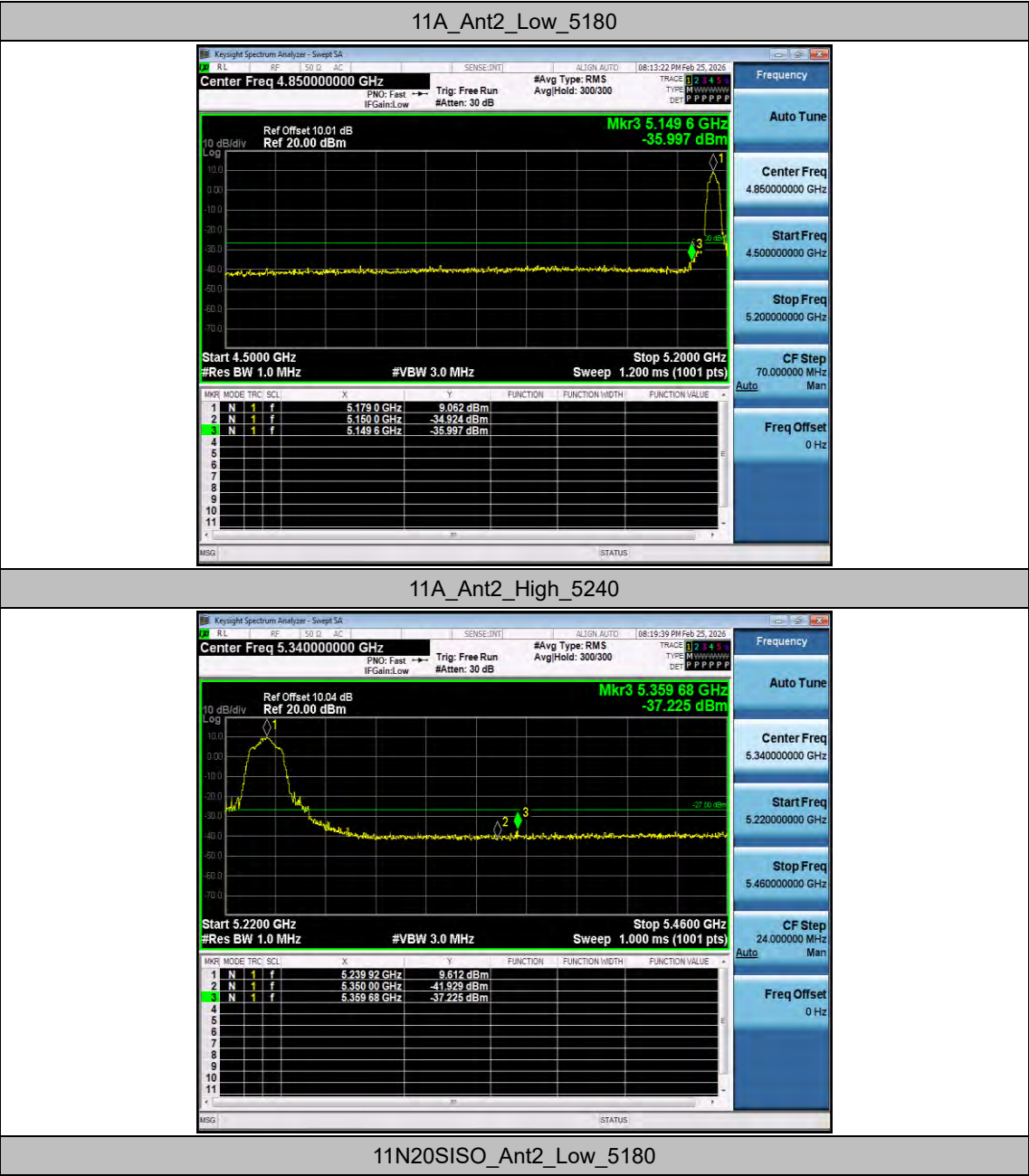


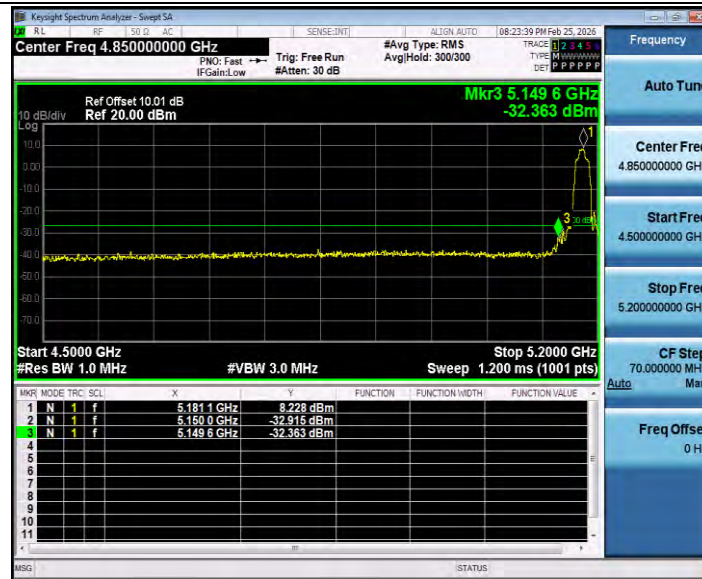
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-36	≤ -27	PASS
		High	5240	-37.23	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-32.36	≤ -27	PASS
		High	5240	-37.04	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-29.29	≤ -27	PASS
		High	5230	-37.02	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-29.53	≤ -27	PASS
		High	5240	-36.26	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-28.5	≤ -27	PASS
		High	5230	-37.74	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-28.63	≤ -27	PASS
		High	5210	-37.34	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-36.92	≤ -27	PASS
		High	5240	-37.59	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-32.52	≤ -27	PASS
		High	5230	-36.41	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-30.49	≤ -27	PASS
		High	5210	-37.58	≤ -27	PASS

Test GraphsB1/2/3

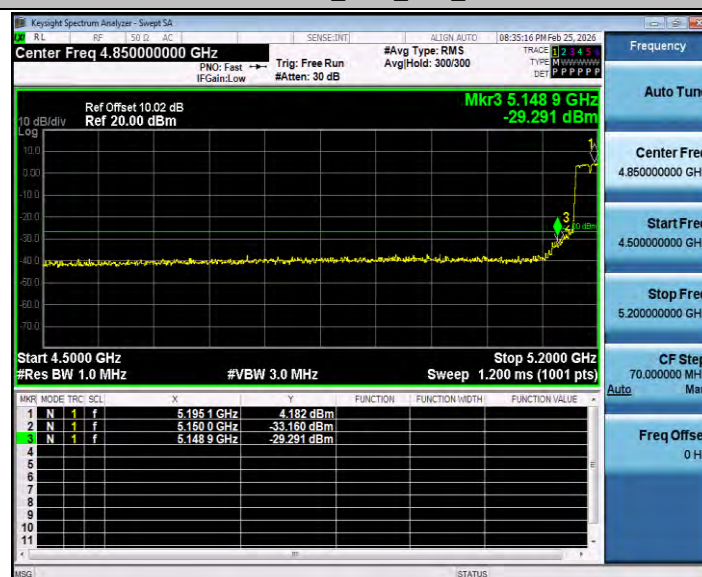




11N20SISO_Ant2_High_5240



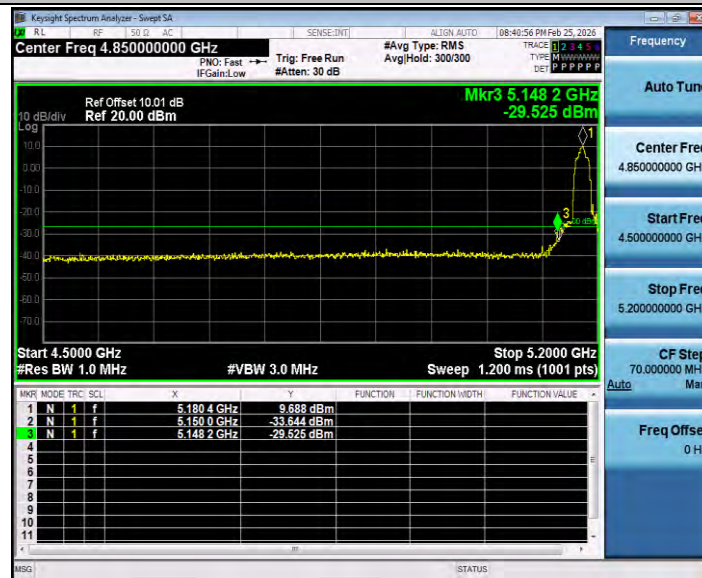
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11N40SISO_Ant2_High_5230



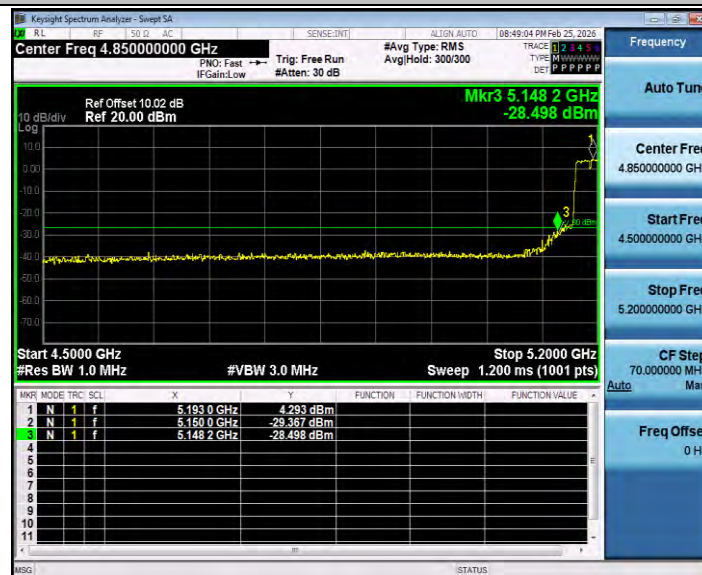
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11AC20SISO_Ant2_High_5240



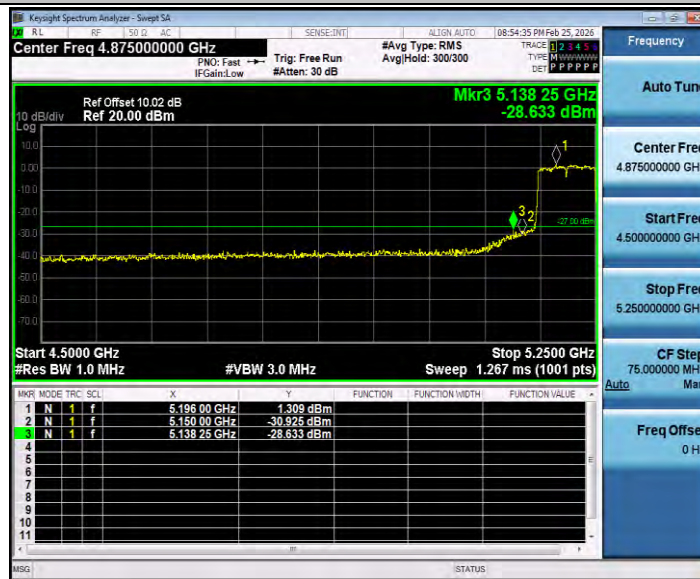
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11AC40SISO_Ant2_High_5230



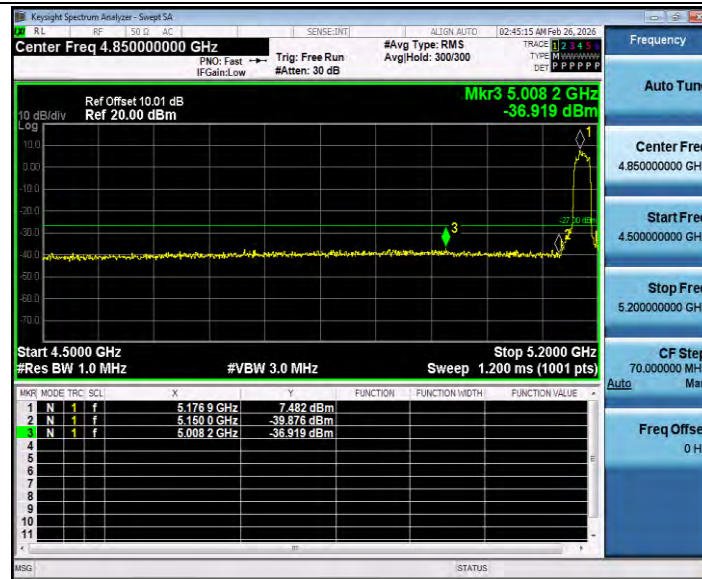
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11AC80SISO_Ant2_High_5210



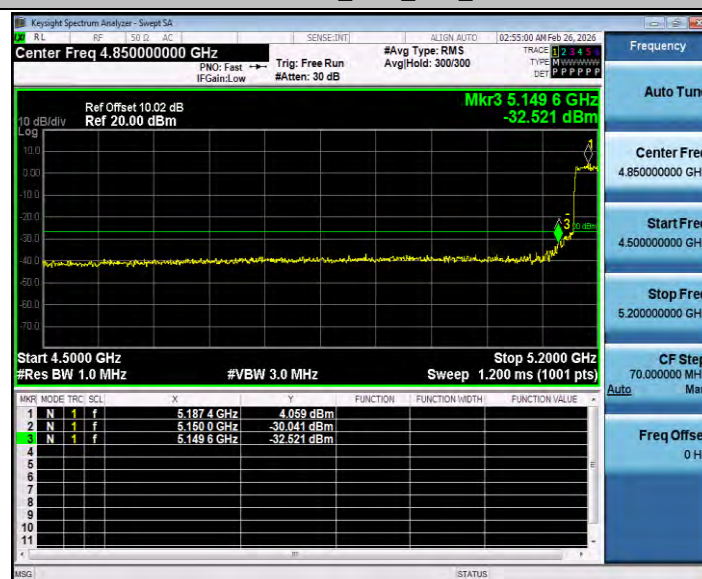
11AX20SISO_Ant2_Low_5180

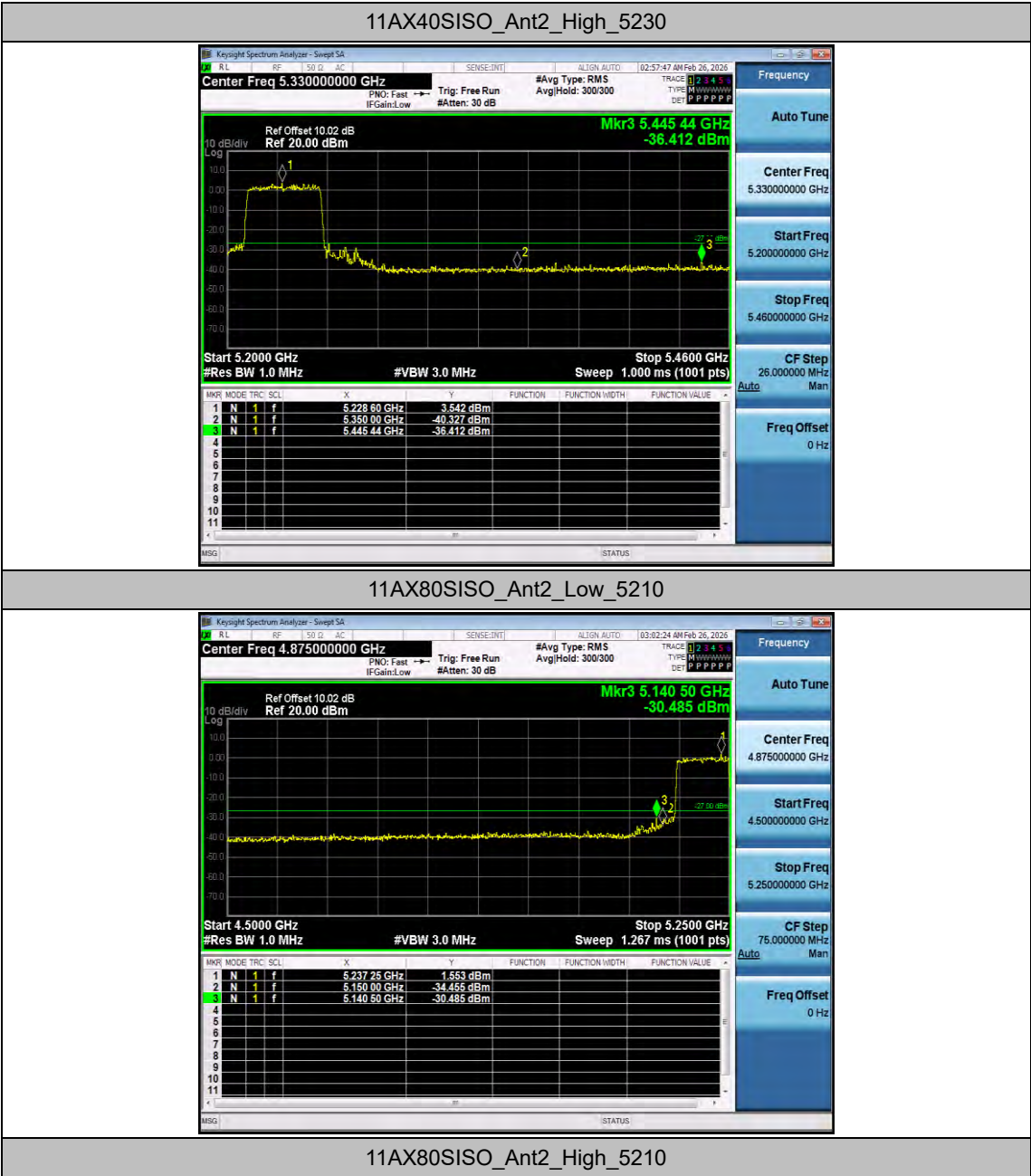


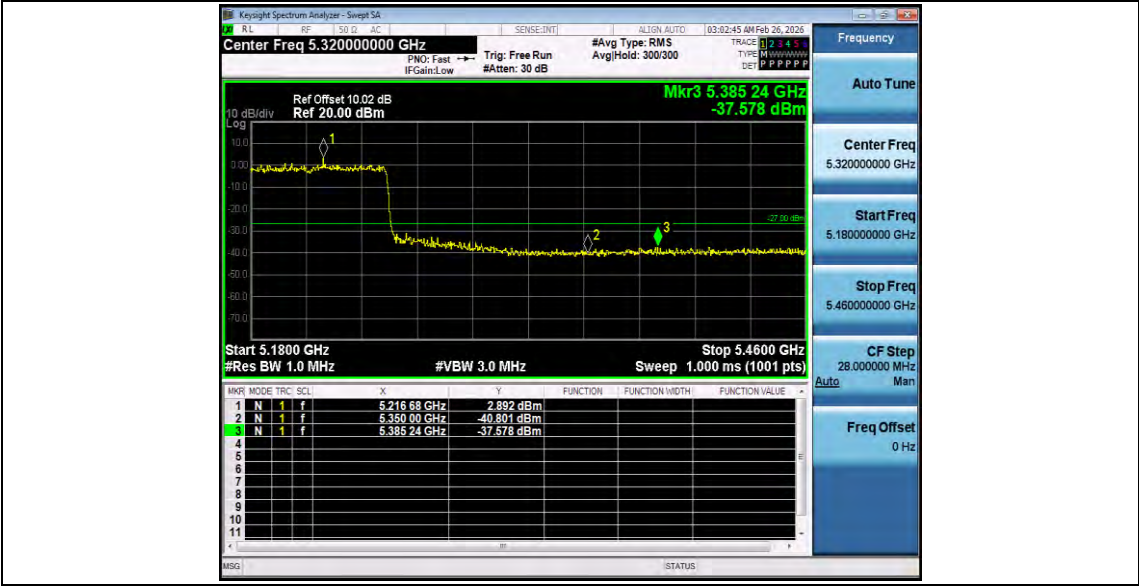
11AX20SISO_Ant2_High_5240



11AX40SISO_Ant2_Low_5190







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	5139.66	-38.79	≤-27	PASS
			5360~27000	25278.18	-38.39	≤-27	PASS
		5200	30~5140	5138.64	-45.11	≤-27	PASS
			5360~27000	26000.23	-38	≤-27	PASS
		5240	30~5140	5028.77	-46.55	≤-27	PASS
			5360~27000	24257.49	-37.31	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5137.1	-40.41	≤-27	PASS
			5360~27000	24269.75	-38	≤-27	PASS
		5200	30~5140	4773.27	-46.23	≤-27	PASS
			5360~27000	25622.97	-37.2	≤-27	PASS
		5240	30~5140	2667.95	-46.48	≤-27	PASS
			5360~27000	26726.61	-36.89	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5134.21	-37.55	≤-27	PASS
			5360~27000	26506.61	-37.61	≤-27	PASS
		5230	30~5140	5138.98	-44.87	≤-27	PASS
			5360~27000	24239.46	-37.72	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5138.3	-36.69	≤-27	PASS
			5360~27000	26060.1	-37.33	≤-27	PASS
		5200	30~5140	5138.47	-42.95	≤-27	PASS
			5360~27000	26056.5	-36.71	≤-27	PASS
		5240	30~5140	5010.55	-46.25	≤-27	PASS
			5360~27000	26723.01	-36.28	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5139.49	-33.59	≤-27	PASS
			5360~27000	24874.23	-37.26	≤-27	PASS
		5230	30~5140	5139.83	-44.32	≤-27	PASS
			5360~27000	24306.54	-36.83	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5138.47	-30.97	≤-27	PASS
			5360~27000	26067.32	-37.18	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	5138.81	-45.9	≤-27	PASS
			5360~27000	26035.58	-35.78	≤-27	PASS
		5200	30~5140	4930.66	-45.56	≤-27	PASS
			5360~27000	24285.62	-37.01	≤-27	PASS
		5240	30~5140	3186.11	-46.38	≤-27	PASS
			5360~27000	25615.04	-37.18	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5131.48	-38.39	≤-27	PASS
			5360~27000	25101.45	-36.62	≤-27	PASS

		5230	30~5140	4955.7	-46.67	≤-27	PASS
			5360~27000	23527.5	-36.63	≤-27	PASS
11AX80SISO	Ant2	5210	30~5140	5139.83	-36	≤-27	PASS
			5360~27000	24224.31	-37.15	≤-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



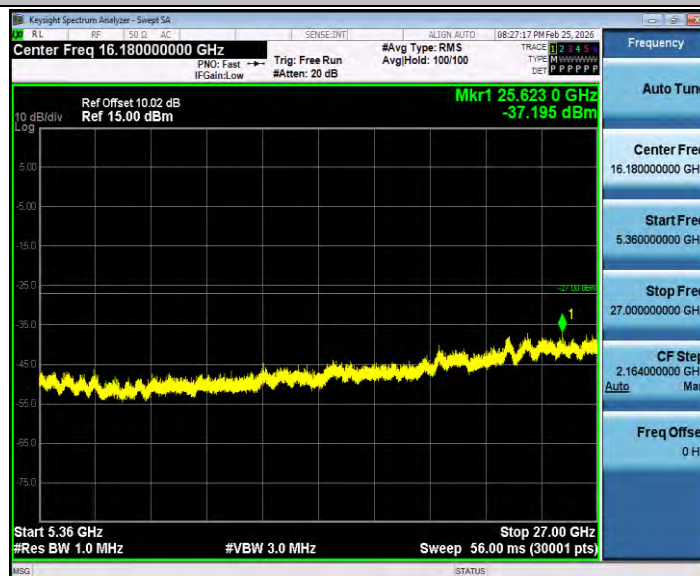
11N20SISO_Ant2_5180_5360~27000



11N20SISO_Ant2_5200_30~5140



11N20SISO_Ant2_5200_5360~27000



11N20SISO_Ant2_5240_30~5140



11N20SISO_Ant2_5240_5360~27000



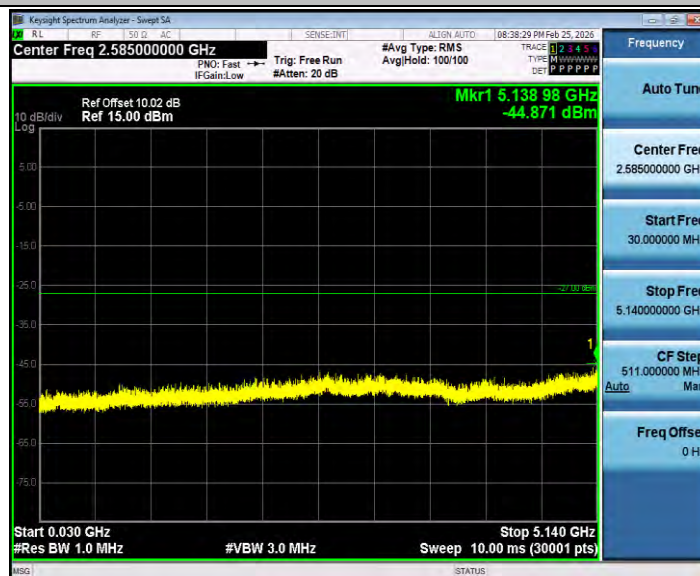
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11N40SISO_Ant2_5190_5360~27000



11N40SISO_Ant2_5230_30~5140



11N40SISO_Ant2_5230_5360~27000



11AC20SISO_Ant2_5180_30~5140



11AC20SISO_Ant2_5180_5360~27000



11AC20SISO_Ant2_5200_30~5140



11AC20SISO_Ant2_5200_5360~27000



11AC20SISO_Ant2_5240_30~5140



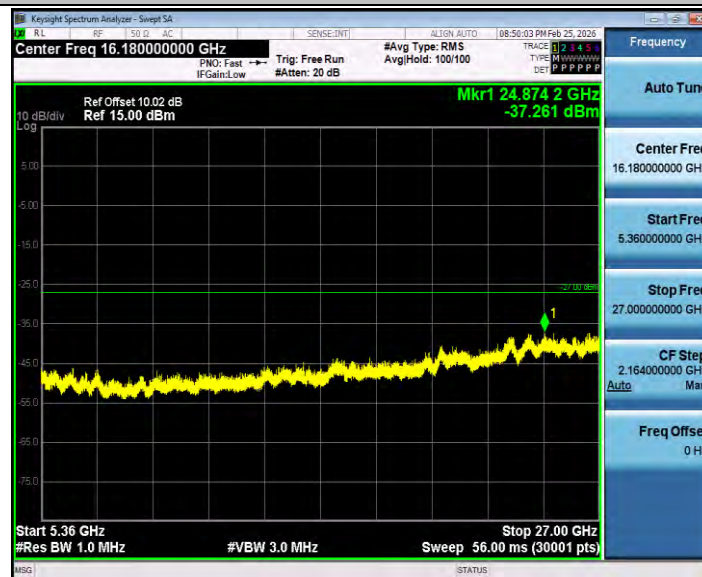
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11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



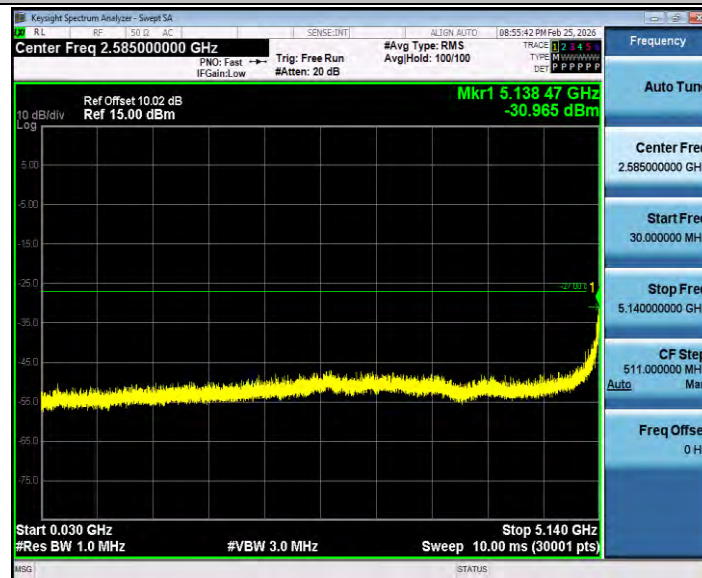
11AC40SISO_Ant2_5230_30~5140



11AC40SISO_Ant2_5230_5360~27000



11AC80SISO_Ant2_5210_30~5140



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11AX20SISO_Ant2_5180_30~5140



11AX20SISO_Ant2_5180_5360~27000



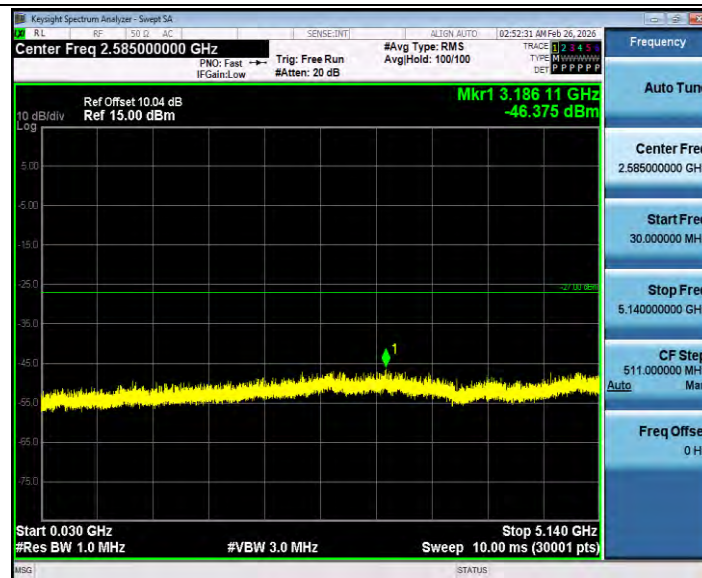
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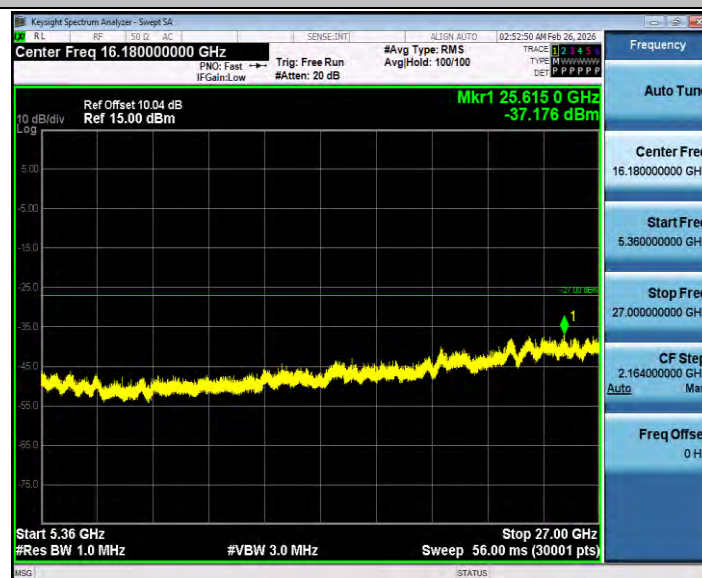
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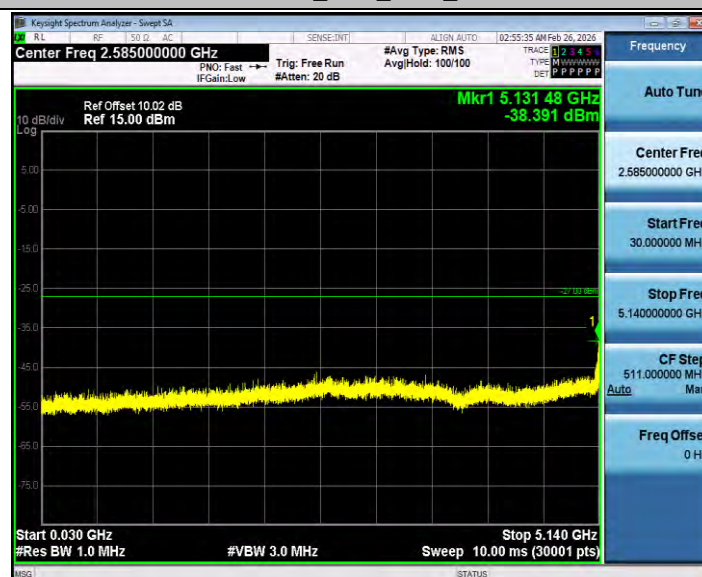
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11AX20SISO_Ant2_5240_5360~27000



11AX40SISO_Ant2_5190_30~5140







11AX80SISO_Ant2_5210_30~5140



11AX80SISO_Ant2_5210_5360~27000

