

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	5260	10.03	98.38	0.07	10.10	≤23.98	PASS
		5280	10.23	98.38	0.07	10.30	≤23.98	PASS
		5320	10.40	98.21	0.08	10.48	≤23.98	PASS
11N20SISO	Ant1	5260	10.17	98.35	0.07	10.24	≤23.98	PASS
		5280	10.14	98.35	0.07	10.21	≤23.98	PASS
		5320	10.25	98.17	0.08	10.33	≤23.98	PASS
11N40SISO	Ant1	5270	9.90	98.28	0.08	9.98	≤23.98	PASS
		5310	9.98	98.29	0.07	10.05	≤23.98	PASS
11AC20SISO	Ant1	5260	9.93	98.35	0.07	10.00	≤23.98	PASS
		5280	10.48	98.35	0.07	10.55	≤23.98	PASS
		5320	10.54	98.35	0.07	10.61	≤23.98	PASS
11AC40SISO	Ant1	5270	9.99	98.28	0.08	10.07	≤23.98	PASS
		5310	10.13	98.29	0.07	10.20	≤23.98	PASS
11AC80SISO	Ant1	5290	10.08	98.14	0.08	10.16	≤23.98	PASS
11AX20SISO	Ant1	5260	9.95	98.10	0.08	10.03	≤23.98	PASS
		5280	10.15	98.10	0.08	10.23	≤23.98	PASS
		5320	10.20	98.31	0.07	10.27	≤23.98	PASS
11AX40SISO	Ant1	5270	10.13	98.10	0.08	10.21	≤23.98	PASS
		5310	9.94	98.10	0.08	10.02	≤23.98	PASS
11AX80SISO	Ant1	5290	10.04	98.00	0.09	10.13	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	-1.57	≤11.00	PASS
		5280	-1.40	≤11.00	PASS
		5320	-1.18	≤11.00	PASS
11N20SISO	Ant1	5260	-1.47	≤11.00	PASS
		5280	-1.49	≤11.00	PASS
		5320	-1.23	≤11.00	PASS
11N40SISO	Ant1	5270	-4.04	≤11.00	PASS
		5310	-4.08	≤11.00	PASS
11AC20SISO	Ant1	5260	-1.63	≤11.00	PASS
		5280	-1.25	≤11.00	PASS
		5320	-1.17	≤11.00	PASS
11AC40SISO	Ant1	5270	-3.97	≤11.00	PASS
		5310	-3.95	≤11.00	PASS
11AC80SISO	Ant1	5290	-6.46	≤11.00	PASS
11AX20SISO	Ant1	5260	-2.10	≤11.00	PASS
		5280	-1.84	≤11.00	PASS
		5320	-1.72	≤11.00	PASS
11AX40SISO	Ant1	5270	-4.30	≤11.00	PASS
		5310	-4.56	≤11.00	PASS
11AX80SISO	Ant1	5290	-7.08	≤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_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

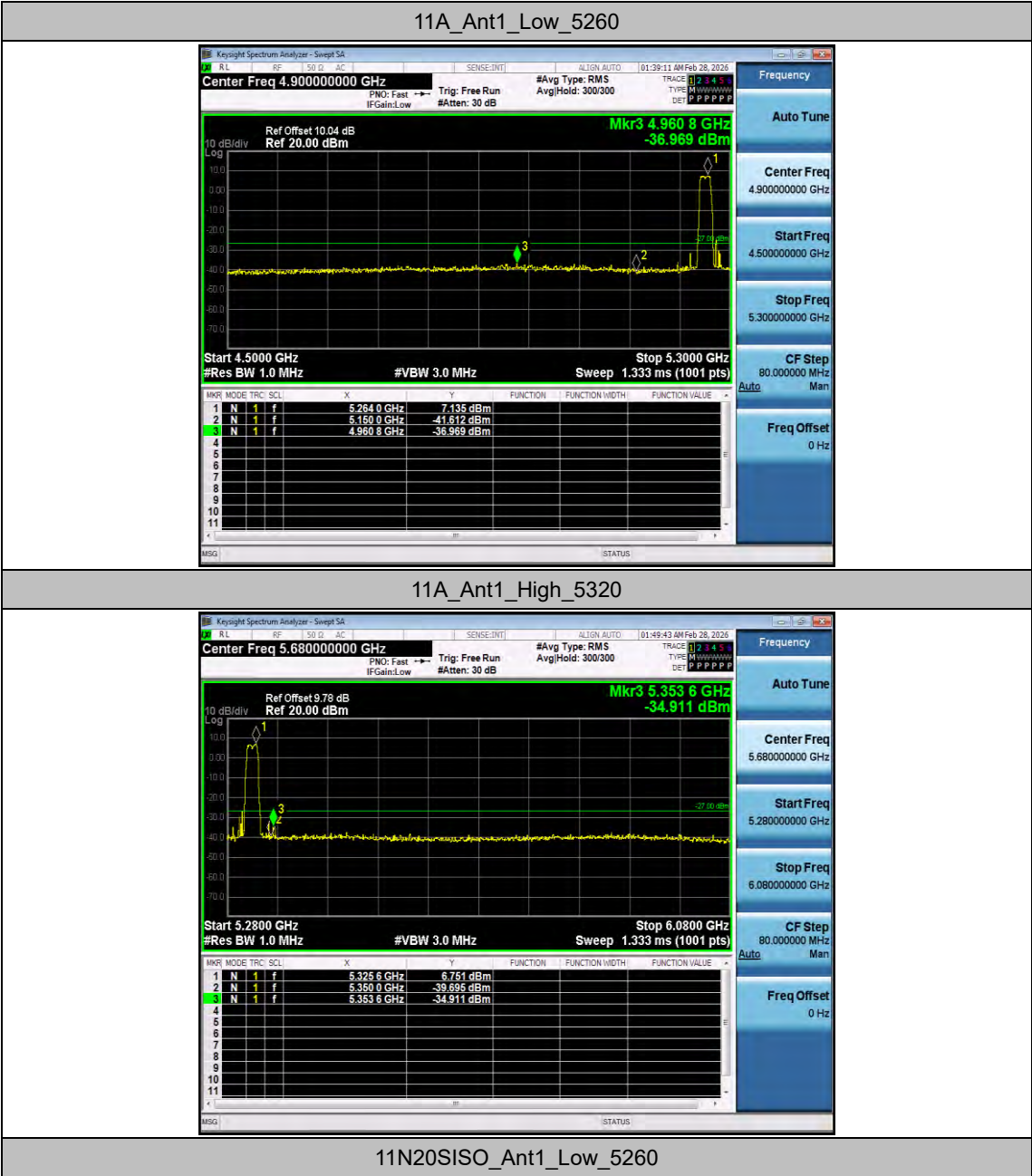


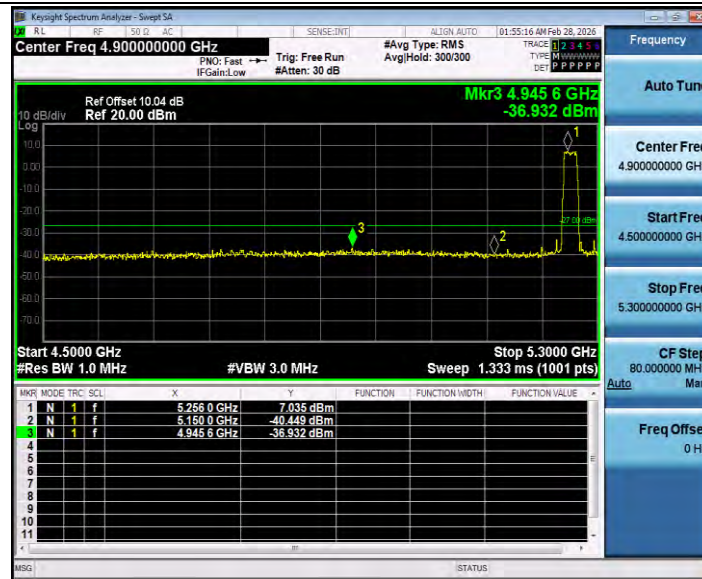
Appendix E.6:Band edge measurements

Test Result B2

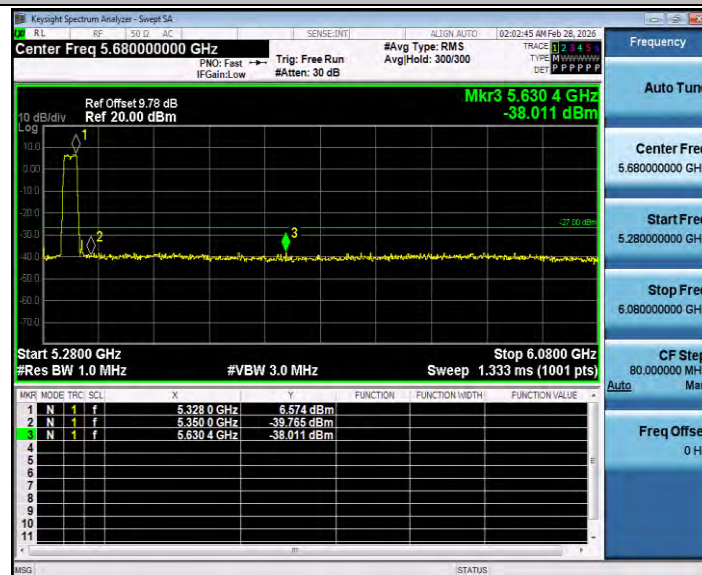
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-36.97	≤ -27	PASS
		High	5320	-34.91	≤ -27	PASS
11N20SISO	Ant1	Low	5260	-36.93	≤ -27	PASS
		High	5320	-38.01	≤ -27	PASS
11N40SISO	Ant1	Low	5270	-37.18	≤ -27	PASS
		High	5310	-31.47	≤ -27	PASS
11AC20SISO	Ant1	Low	5260	-36.71	≤ -27	PASS
		High	5320	-34.38	≤ -27	PASS
11AC40SISO	Ant1	Low	5270	-37.17	≤ -27	PASS
		High	5310	-37.67	≤ -27	PASS
11AC80SISO	Ant1	Low	5290	-37.61	≤ -27	PASS
		High	5290	-36.97	≤ -27	PASS
11AX20SISO	Ant1	Low	5260	-36.95	≤ -27	PASS
		High	5320	-33.34	≤ -27	PASS
11AX40SISO	Ant1	Low	5270	-37.23	≤ -27	PASS
		High	5310	-38.02	≤ -27	PASS
11AX80SISO	Ant1	Low	5290	-37.49	≤ -27	PASS
		High	5290	-37.48	≤ -27	PASS

Test GraphsB1/2/3





11N20SISO_Ant1_High_5320



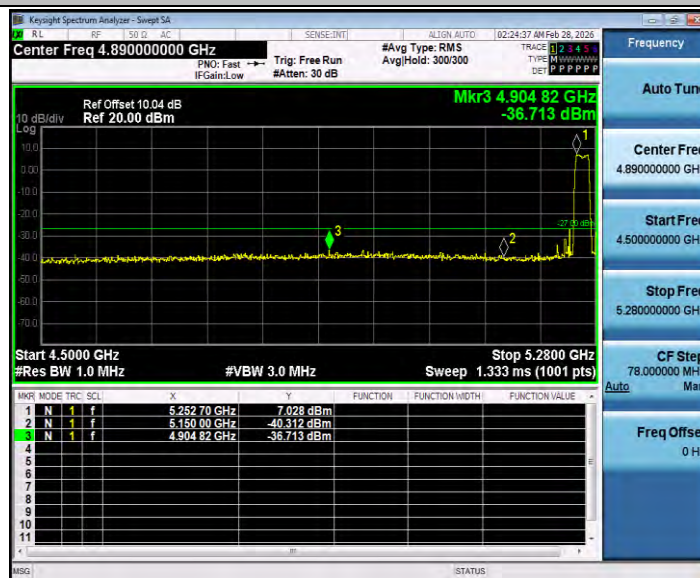
11N40SISO_Ant1_Low_5270



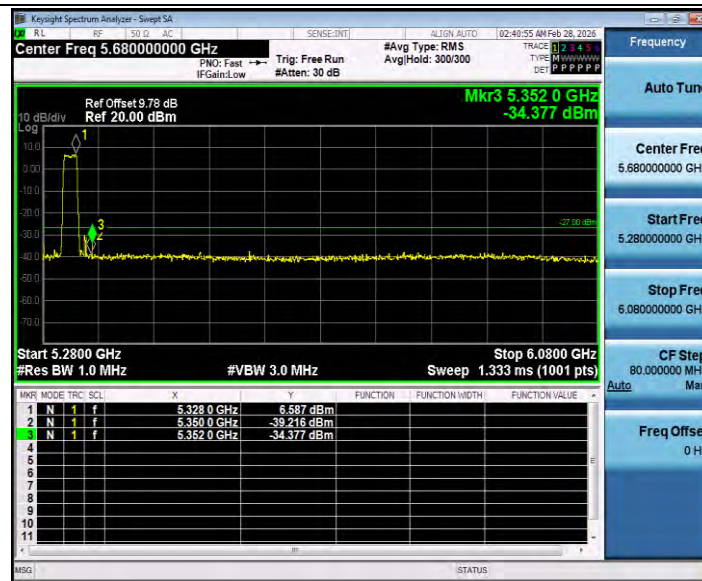
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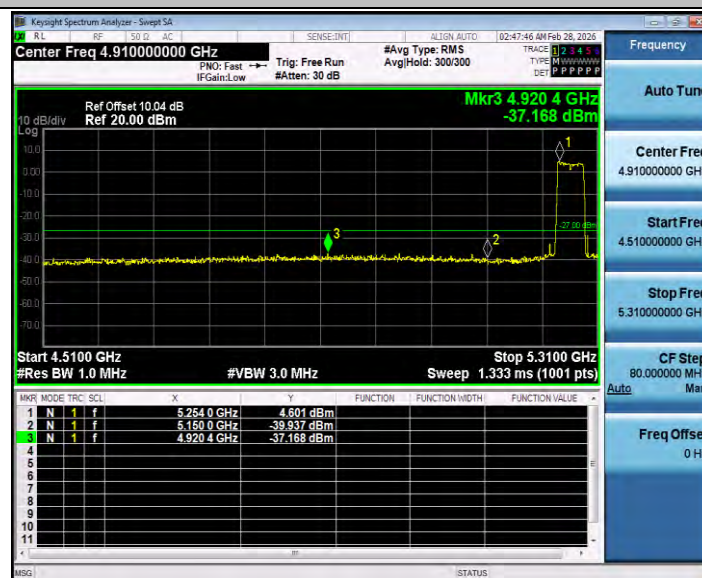
11AC20SISO_Ant1_Low_5260



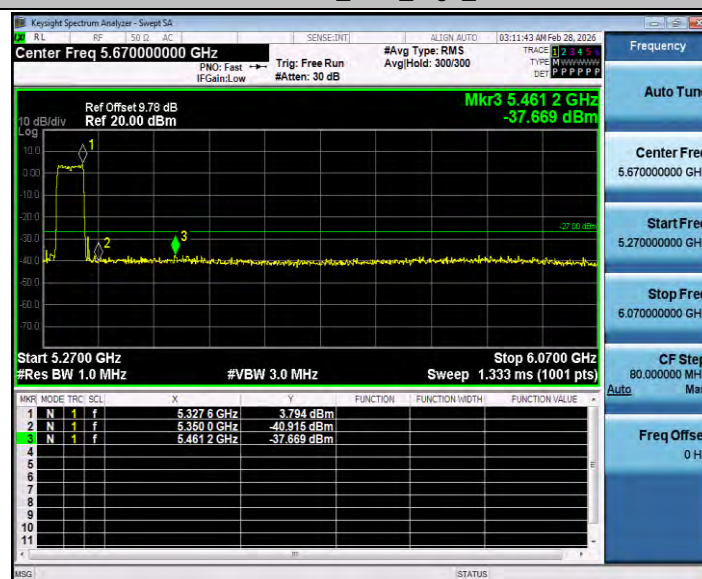
11AC20SISO_Ant1_High_5320



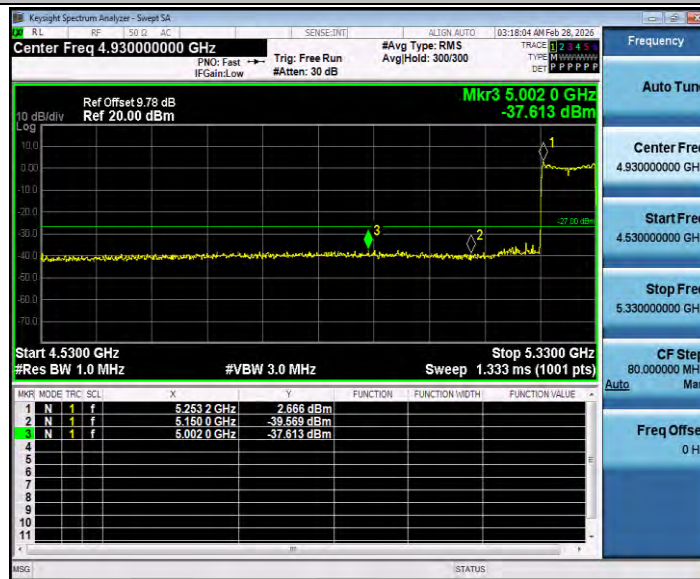
11AC40SISO_Ant1_Low_5270



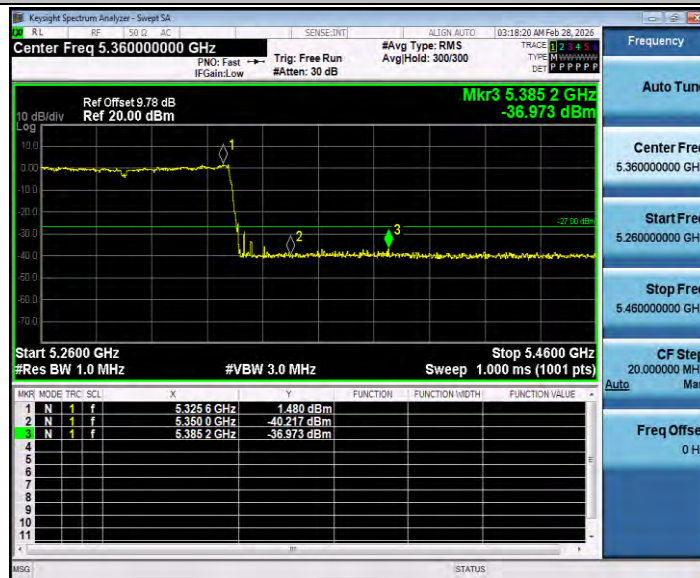
11AC40SISO_Ant1_High_5310



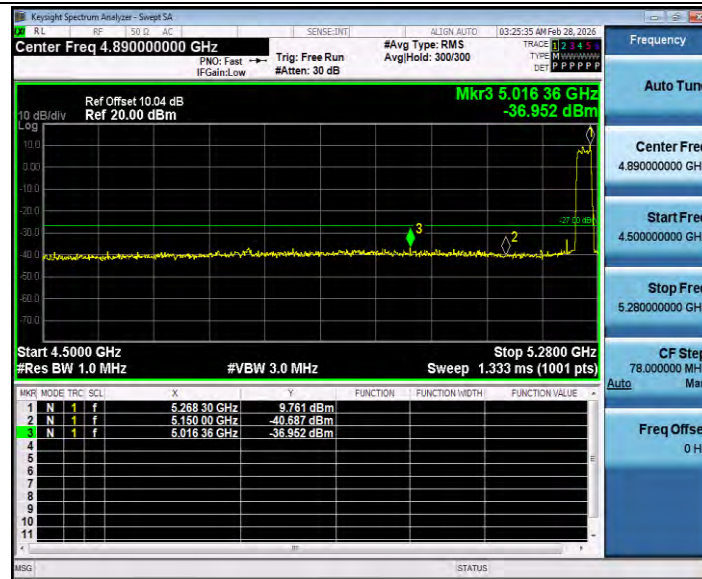
11AC80SISO_Ant1_Low_5290



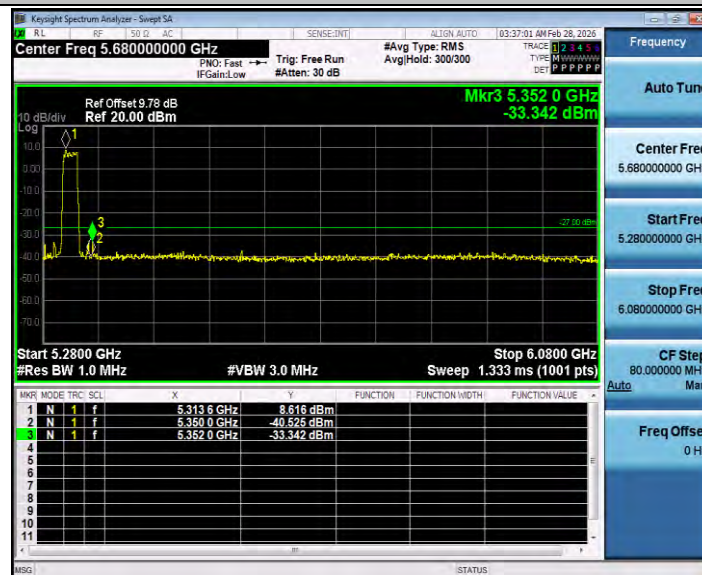
11AC80SISO_Ant1_High_5290



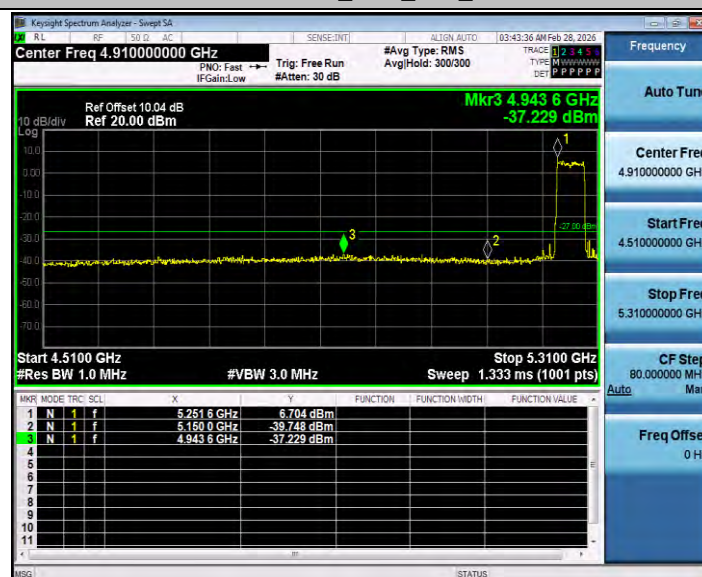
11AX20SISO_Ant1_Low_5260



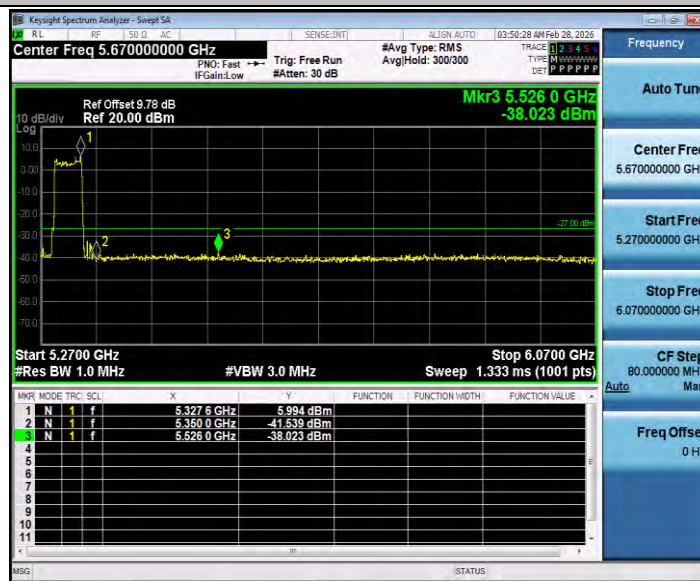
11AX20SISO_Ant1_High_5320



11AX40SISO_Ant1_Low_5270



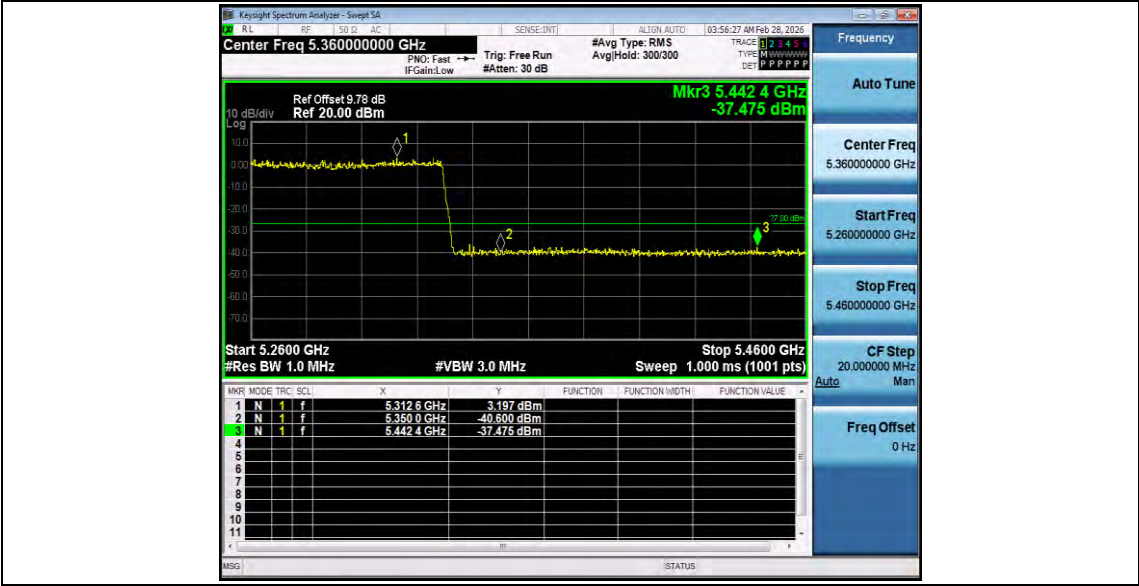
11AX40SISO_Ant1_High_5310



11AX80SISO_Ant1_Low_5290



11AX80SISO_Ant1_High_5290



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	5260	30~5140	4787.41	-43.22	≤-27	PASS
			5360~27000	23626.32	-37.19	≤-27	PASS
		5280	30~5140	4792.35	-44.15	≤-27	PASS
			5360~27000	24321.69	-36.86	≤-27	PASS
		5320	30~5140	4847.88	-43.5	≤-27	PASS
			5360~27000	26674.68	-36.9	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	4787.92	-43.28	≤-27	PASS
			5360~27000	24206.28	-37.18	≤-27	PASS
		5280	30~5140	4808.53	-44.23	≤-27	PASS
			5360~27000	24251	-37.36	≤-27	PASS
		5320	30~5140	4848.39	-43.7	≤-27	PASS
			5360~27000	23486.39	-37.57	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	5119.73	-45.87	≤-27	PASS
			5360~27000	26076.69	-36.62	≤-27	PASS
		5310	30~5140	5021.62	-45.9	≤-27	PASS
			5360~27000	24297.16	-36.91	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	4788.09	-42.65	≤-27	PASS
			5360~27000	23519.57	-36.94	≤-27	PASS
		5280	30~5140	4791.84	-43.69	≤-27	PASS
			5360~27000	24258.93	-36.47	≤-27	PASS
		5320	30~5140	4831.7	-43.46	≤-27	PASS
			5360~27000	23549.14	-37.18	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	5021.96	-45.51	≤-27	PASS
			5360~27000	24349.1	-36.79	≤-27	PASS
		5310	30~5140	5024.34	-46.48	≤-27	PASS
			5360~27000	26096.17	-37.19	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	4993.17	-45.68	≤-27	PASS
			5360~27000	24240.9	-36.94	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	4788.43	-41.59	≤-27	PASS
			5360~27000	25576.09	-36.83	≤-27	PASS
		5280	30~5140	4809.38	-43.53	≤-27	PASS
			5360~27000	24896.59	-37.19	≤-27	PASS
		5320	30~5140	4849.07	-43.03	≤-27	PASS
			5360~27000	26536.18	-37.48	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	4971.71	-45.89	≤-27	PASS
			5360~27000	24251	-36.8	≤-27	PASS

		5310	30~5140	4984.49	-45.85	≤-27	PASS
			5360~27000	25154.83	-37.32	≤-27	PASS
11AX80SISO	Ant1	5290	30~5140	4934.92	-45.89	≤-27	PASS
			5360~27000	26909.11	-36.65	≤-27	PASS

Test Graphs

11A_Ant1_5260_30~5140



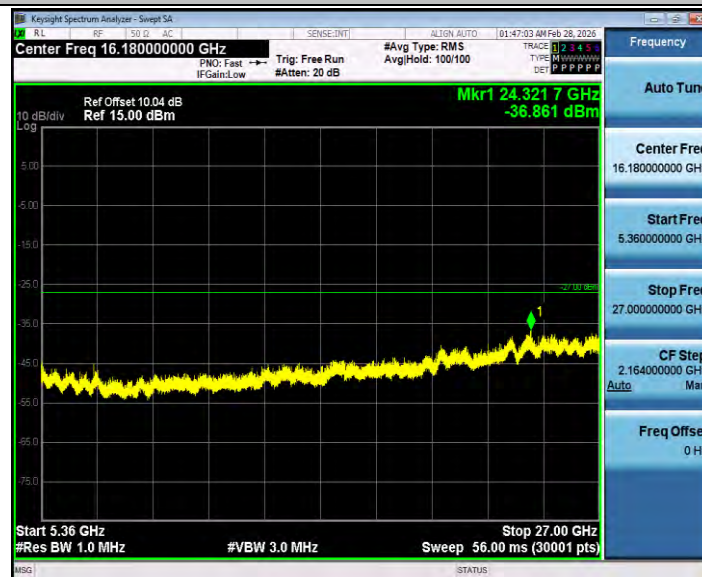
11A_Ant1_5260_5360~27000



11A_Ant1_5280_30~5140



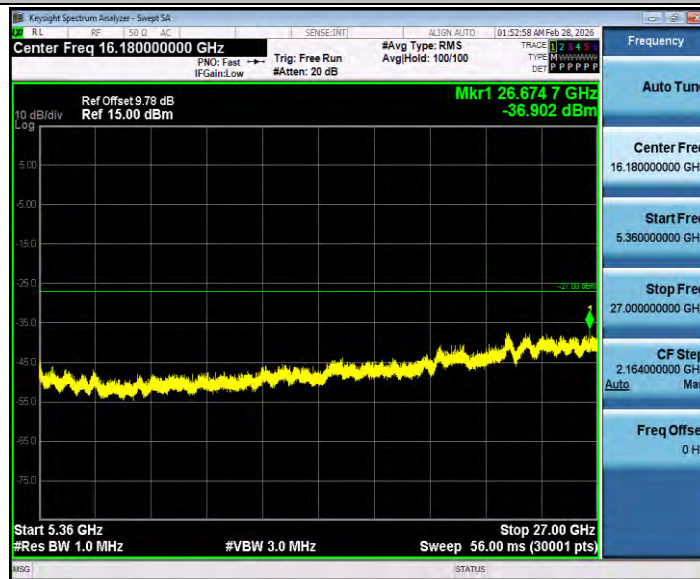
11A_Ant1_5280_5360~27000



11A_Ant1_5320_30~5140



11A_Ant1_5320_5360~27000



11N20SISO_Ant1_5260_30~5140



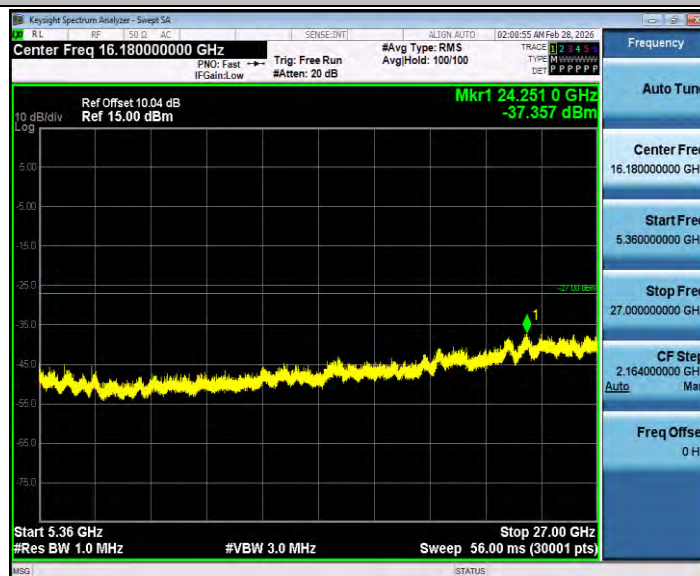
11N20SISO_Ant1_5260_5360~27000



11N20SISO_Ant1_5280_30~5140



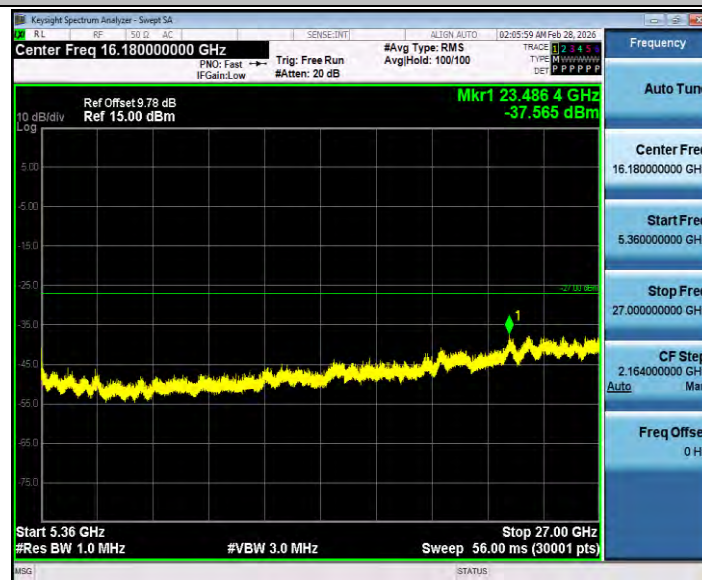
11N20SISO_Ant1_5280_5360~27000



11N20SISO_Ant1_5320_30~5140



11N20SISO_Ant1_5320_5360~27000



11N40SISO_Ant1_5270_30~5140



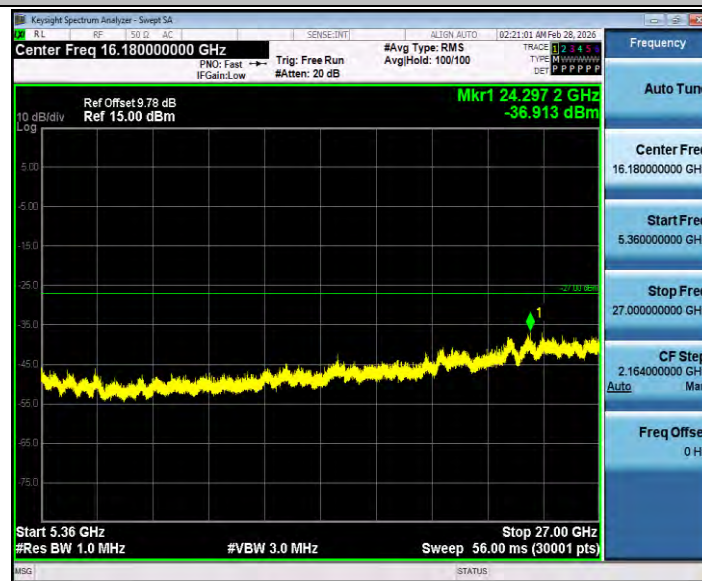
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11N40SISO_Ant1_5310_30~5140



11N40SISO_Ant1_5310_5360~27000



11AC20SISO_Ant1_5260_30~5140



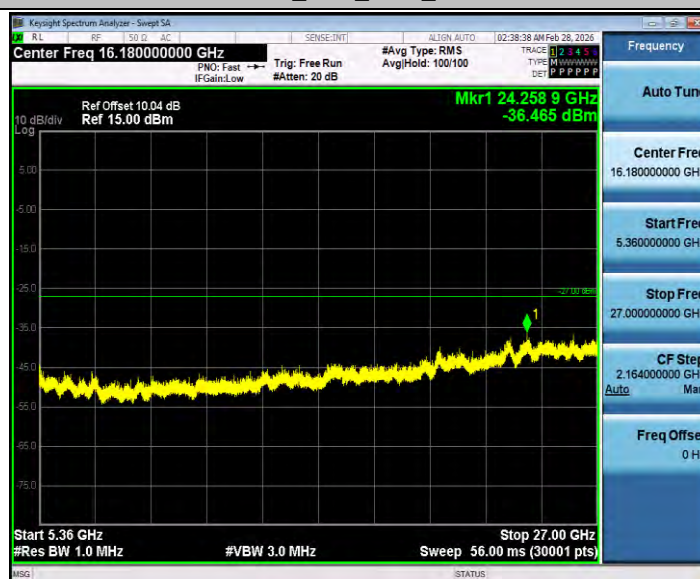
11AC20SISO_Ant1_5260_5360~27000



11AC20SISO_Ant1_5280_30~5140



11AC20SISO_Ant1_5280_5360~27000



11AC20SISO_Ant1_5320_30~5140



11AC20SISO_Ant1_5320_5360~27000



11AC40SISO_Ant1_5270_30~5140



11AC40SISO_Ant1_5270_5360~27000

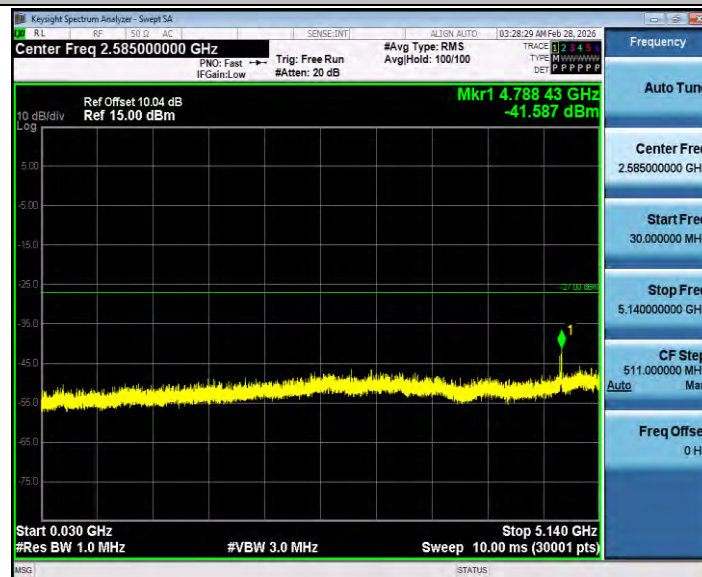


11AC40SISO_Ant1_5310_5140





11AX20SISO_Ant1_5260_30~5140



11AX20SISO_Ant1_5260_5360~27000



11AX20SISO_Ant1_5280_30~5140



11AX20SISO_Ant1_5280_5360~27000



11AX20SISO_Ant1_5320_30~5140



11AX20SISO_Ant1_5320_5360~27000



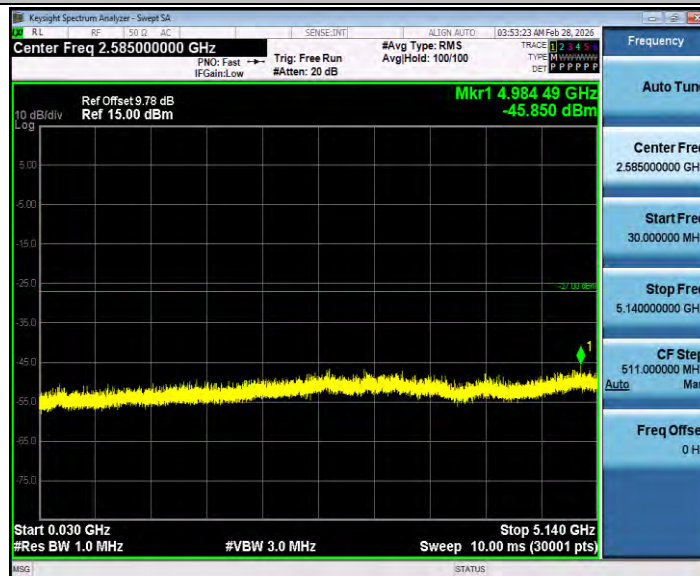
11AX40SISO_Ant1_5270_30~5140



11AX40SISO_Ant1_5270_5360~27000



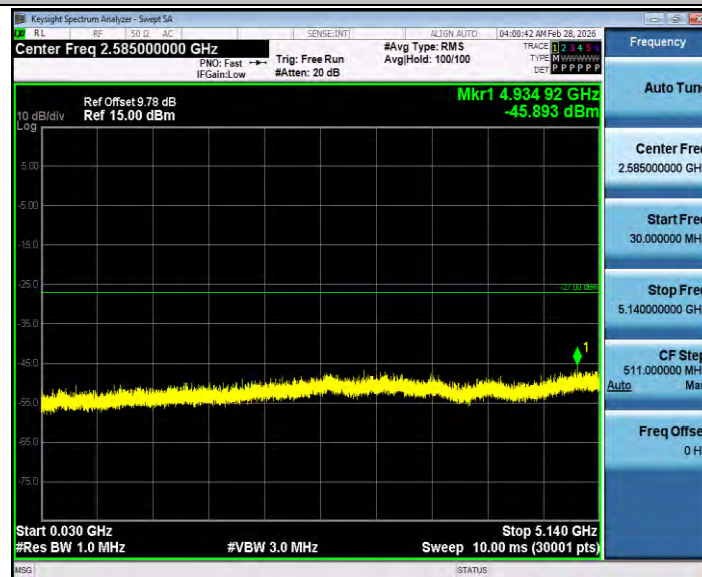
11AX40SISO_Ant1_5310_30~5140



11AX40SISO_Ant1_5310_5360~27000



11AX80SISO_Ant1_5290_30~5140



11AX80SISO_Ant1_5290_5360~27000

