Case No. : GTS20250410010-1-04	
Ambient Condition: 23 ℃, 52 %RH	
According Standard: ■Part15E	
Test Date: 2025.5.19	**Test Engineer:** Evan ouyang

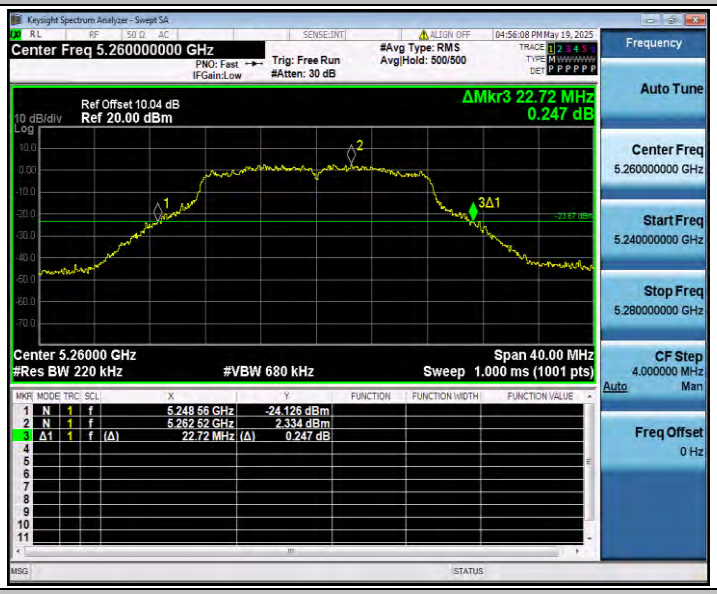
Appendix E.1: Emission Bandwidth

Test Result

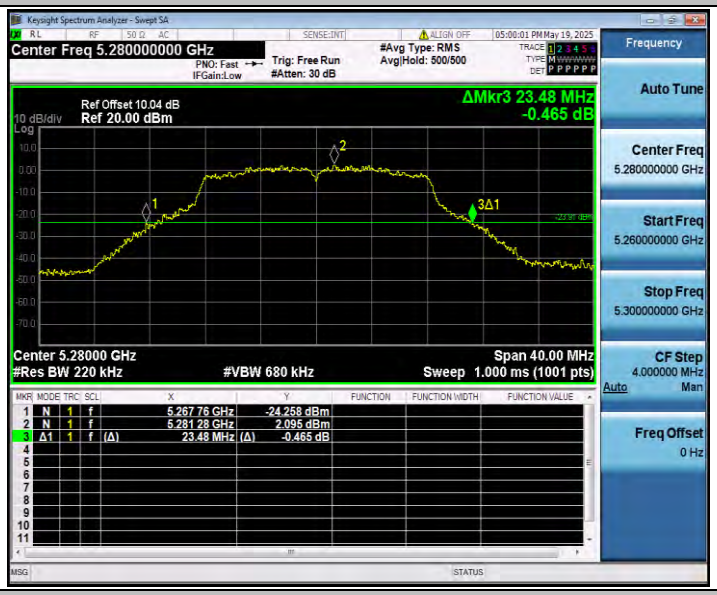
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	22.720	5248.560	5271.280	---	---
		5280	23.480	5267.760	5291.240	---	---
		5320	22.760	5308.600	5331.360	---	---
11N20SISO	Ant1	5260	22.640	5248.520	5271.160	---	---
		5280	23.400	5268.120	5291.520	---	---
		5320	22.880	5308.600	5331.480	---	---
11N40SISO	Ant1	5270	43.600	5247.840	5291.440	---	---
		5310	42.800	5288.560	5331.360	---	---
11AC20SISO	Ant1	5260	22.880	5248.360	5271.240	---	---
		5280	23.760	5267.880	5291.640	---	---
		5320	23.080	5308.720	5331.800	---	---
11AC40SISO	Ant1	5270	42.400	5248.800	5291.200	---	---
		5310	42.320	5288.800	5331.120	---	---
11AC80SISO	Ant1	5290	84.320	5248.400	5332.720	---	---

Test Graphs

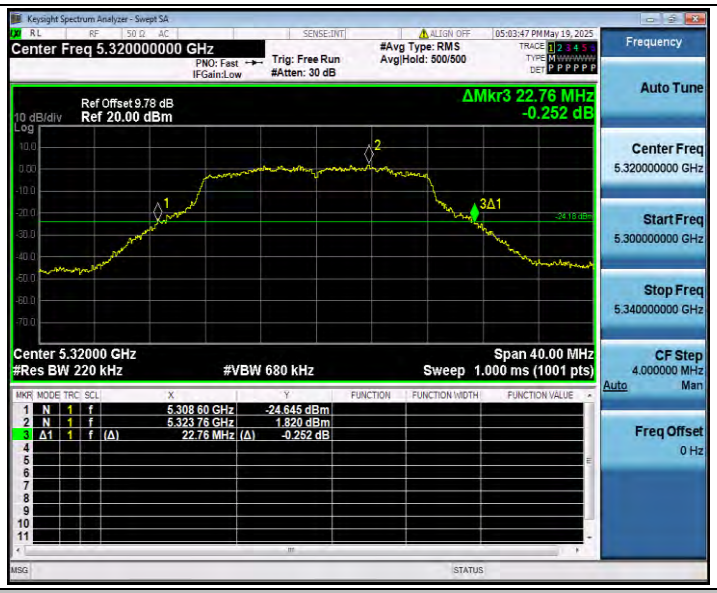
11A_Ant1_5260



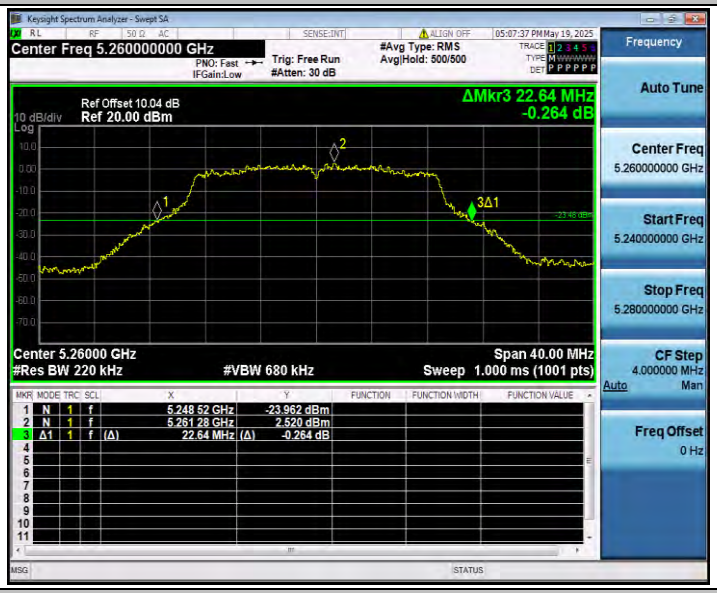
11A_Ant1_5280



11A_Ant1_5320



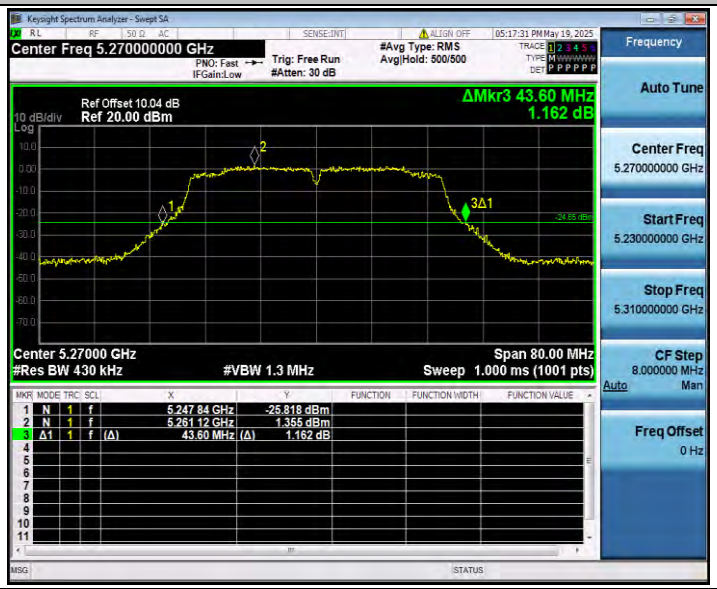
11N20SISO_Ant1_5260



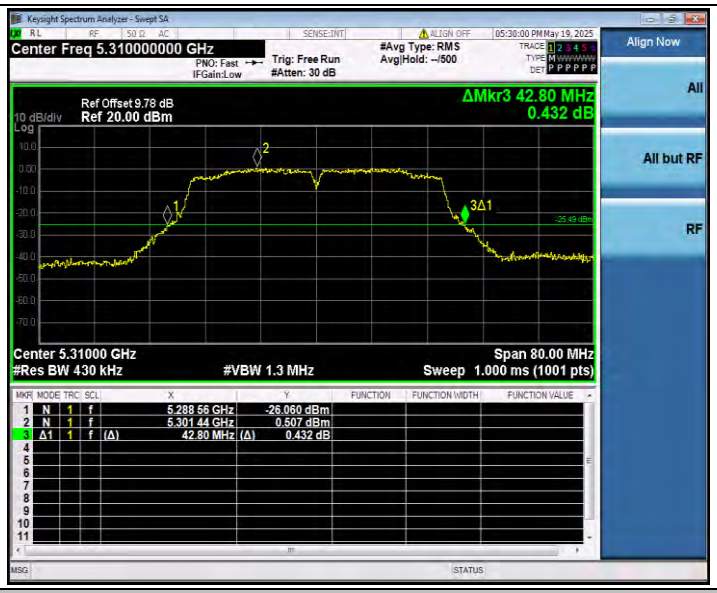
11N20SISO_Ant1_5280

11N20SISO_Ant1_5320

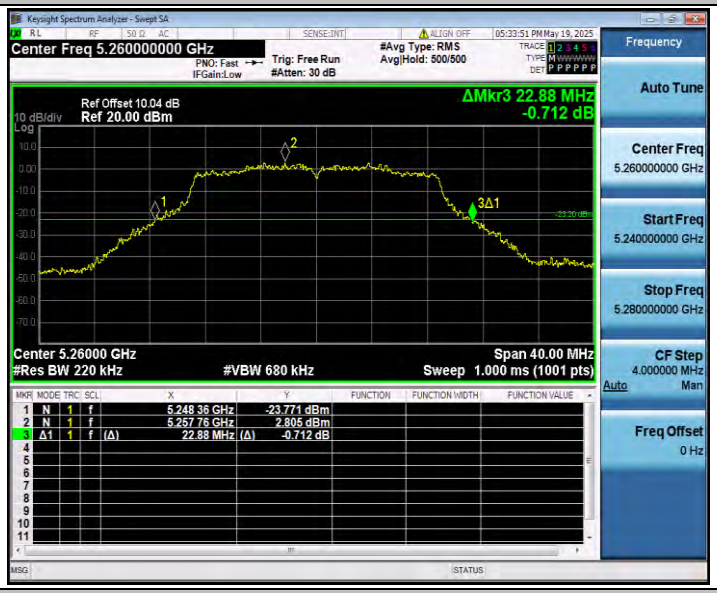
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



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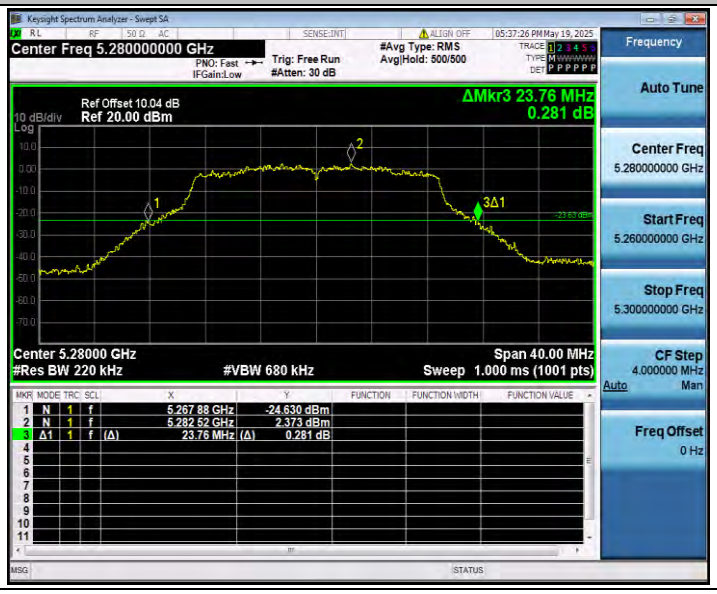
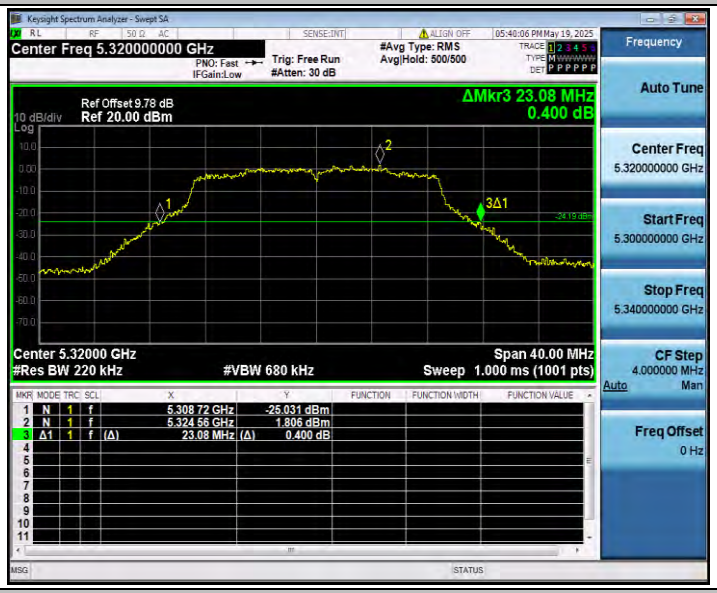
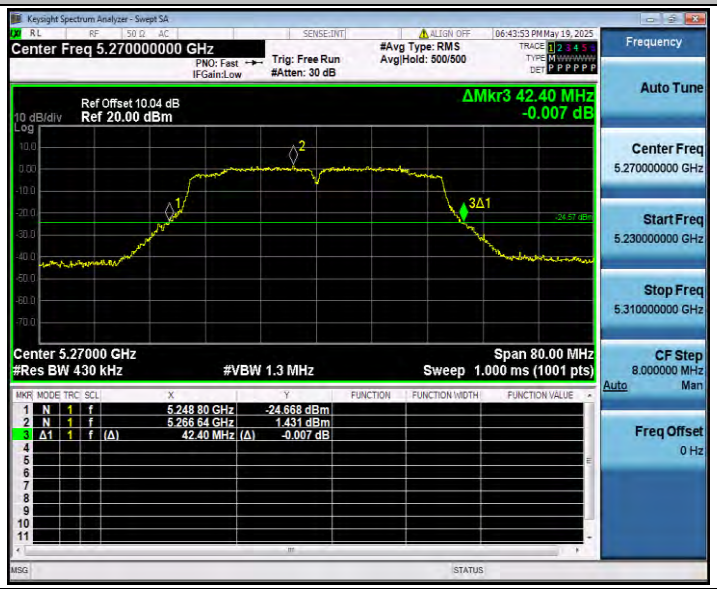


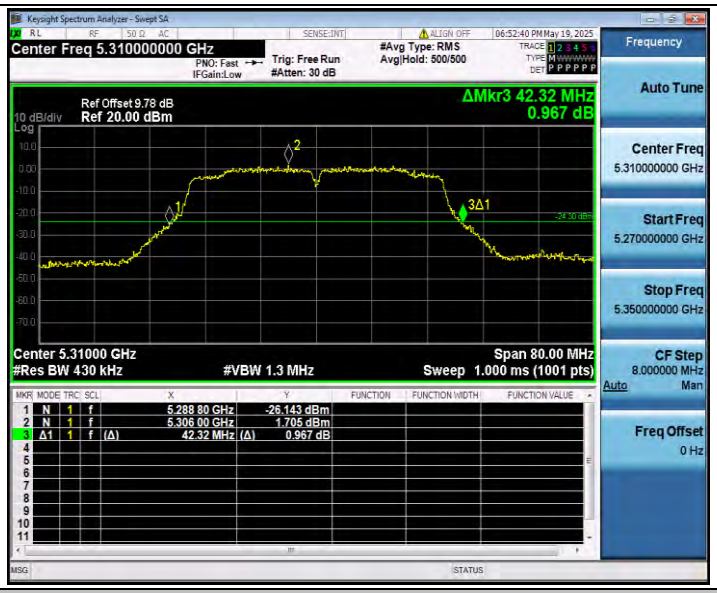
11AC20SISO_Ant1_5320



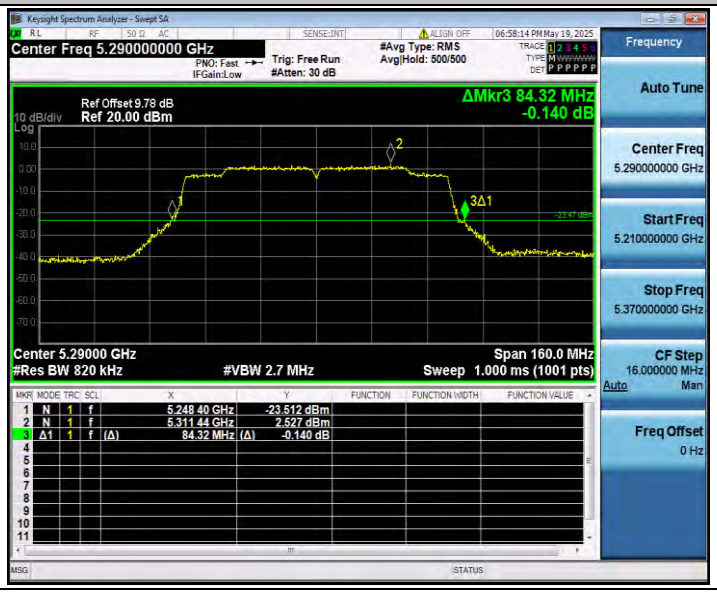
11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	16.951	5251.5046	5268.4556	---	---
		5280	17.031	5271.4905	5288.5215	---	---
		5320	16.983	5311.5337	5328.5167	---	---
11N20SISO	Ant1	5260	17.983	5251.0131	5268.9961	---	---
		5280	17.974	5271.0078	5288.9818	---	---
		5320	17.961	5311.0902	5329.0512	---	---
11N40SISO	Ant1	5270	36.208	5251.8940	5288.1020	---	---
		5310	36.217	5291.9481	5328.1651	---	---
11AC20SISO	Ant1	5260	18.010	5250.9681	5268.9781	---	---
		5280	18.031	5270.9752	5289.0062	---	---
		5320	17.987	5311.0418	5329.0288	---	---
11AC40SISO	Ant1	5270	36.304	5251.8592	5288.1632	---	---
		5310	36.221	5291.9108	5328.1318	---	---
11AC80SISO	Ant1	5290	75.303	5252.4176	5327.7206	---	---

Test Graphs

11A_Ant1_5260

11A_Ant1_5280

11A_Ant1_5320

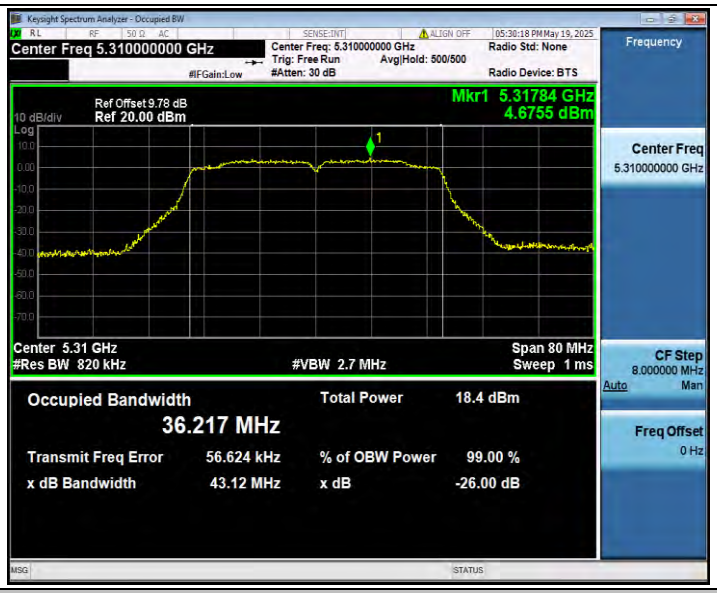
11N20SISO_Ant1_5260

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

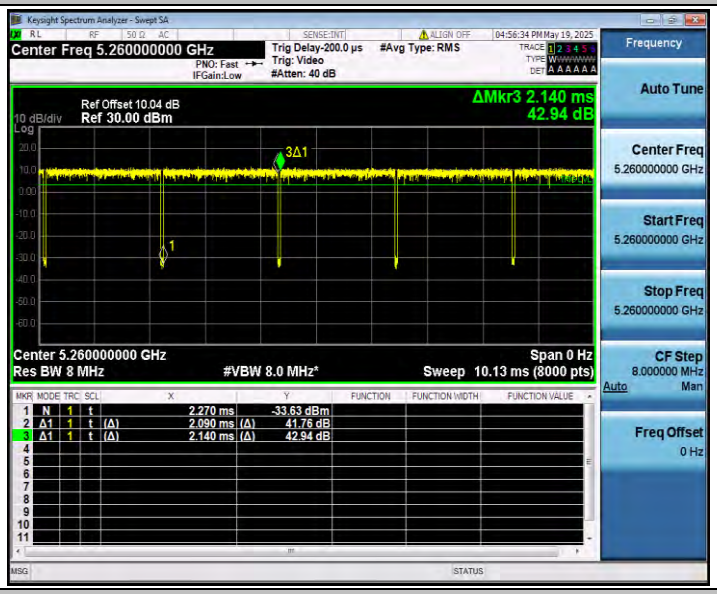
Appendix E.3: Duty Cycle

Test Result

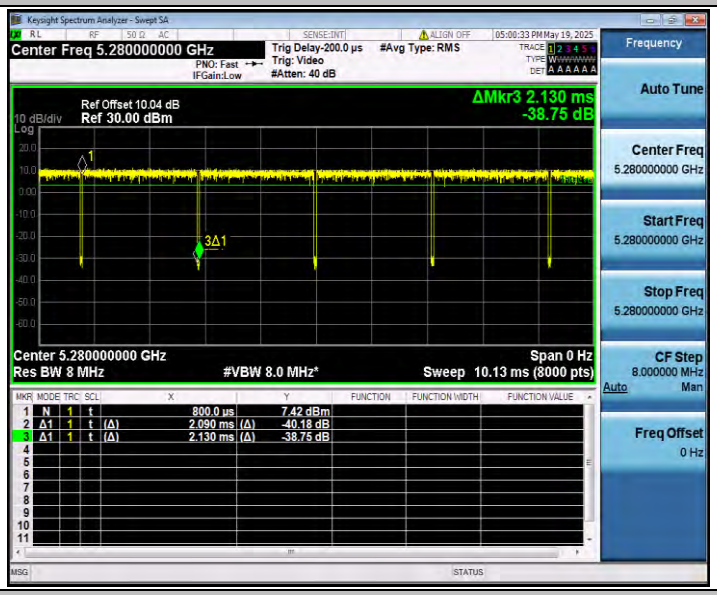
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	2.09	2.14	97.66	0.10	0.48
		5280	2.09	2.13	98.12	0.08	0.48
		5320	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant1	5260	3.97	4.02	98.76	0.05	0.25
		5280	3.98	4.03	98.76	0.05	0.25
		5320	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant1	5270	3.97	4.02	98.76	0.05	0.25
		5310	3.97	4.02	98.76	0.05	0.25
11AC20SISO	Ant1	5260	3.95	3.99	99.00	0.04	0.25
		5280	3.94	3.99	98.75	0.05	0.25
		5320	3.95	4.00	98.75	0.05	0.25
11AC40SISO	Ant1	5270	3.96	4.01	98.75	0.05	0.25
		5310	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant1	5290	3.97	4.02	98.76	0.05	0.25

Test Graphs

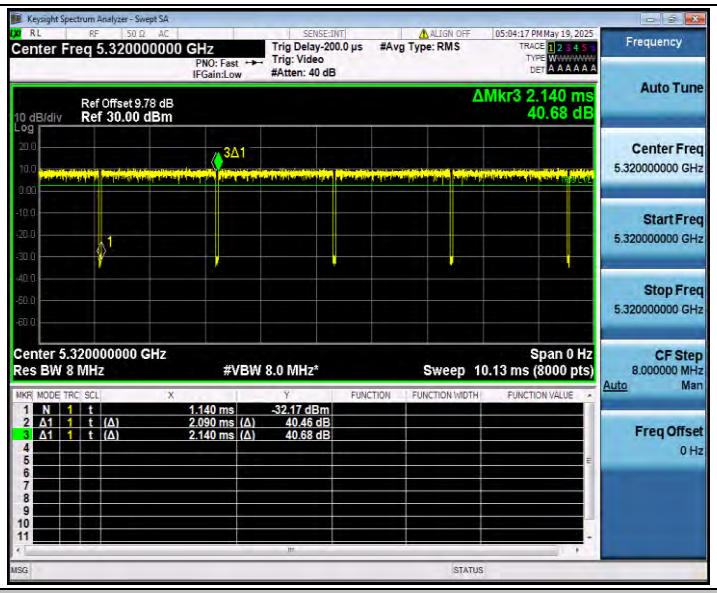
11A_Ant1_5260



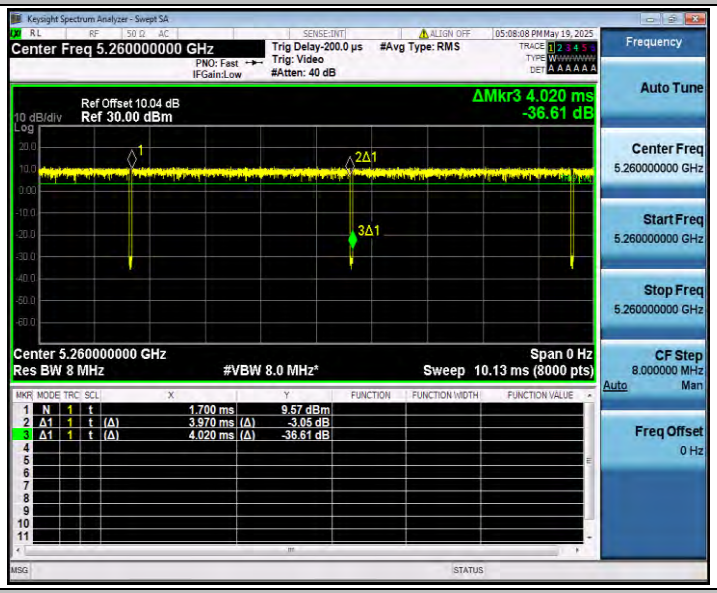
11A_Ant1_5280



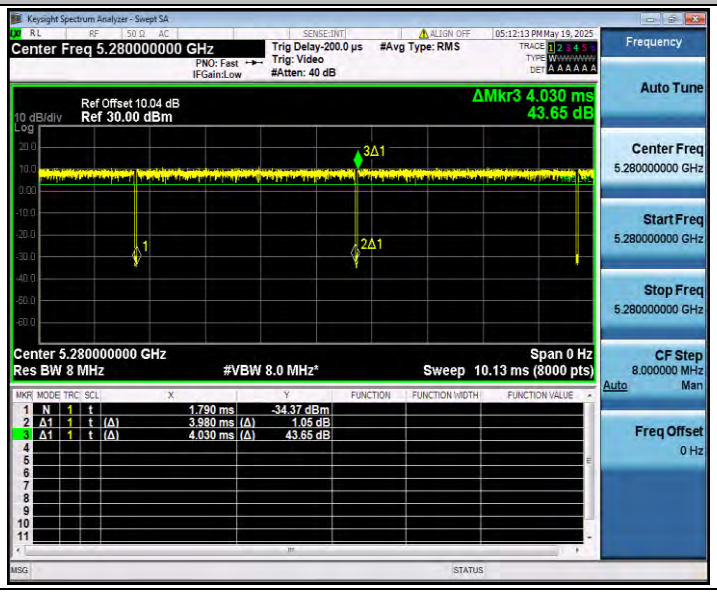
11A_Ant1_5320



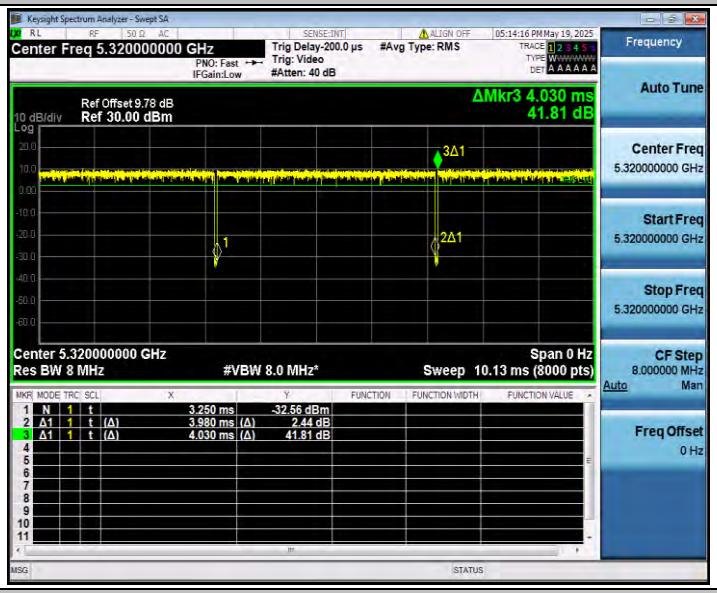
11N20SISO_Ant1_5260



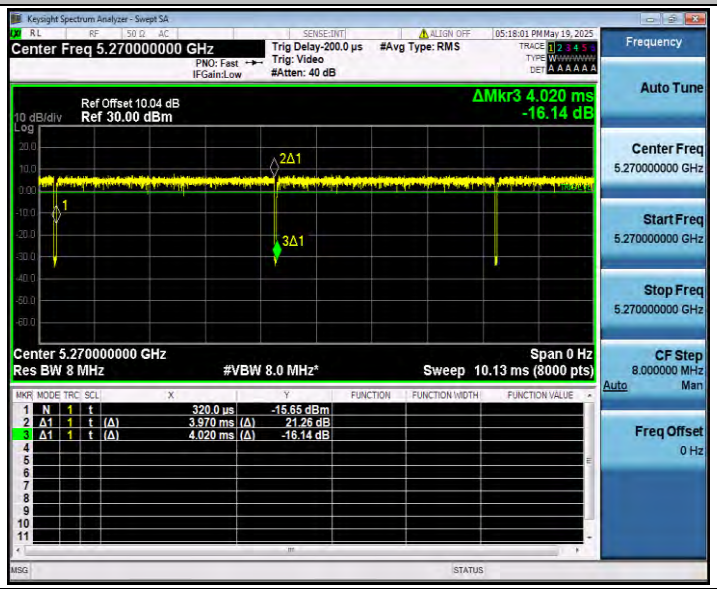
11N20SISO_Ant1_5280



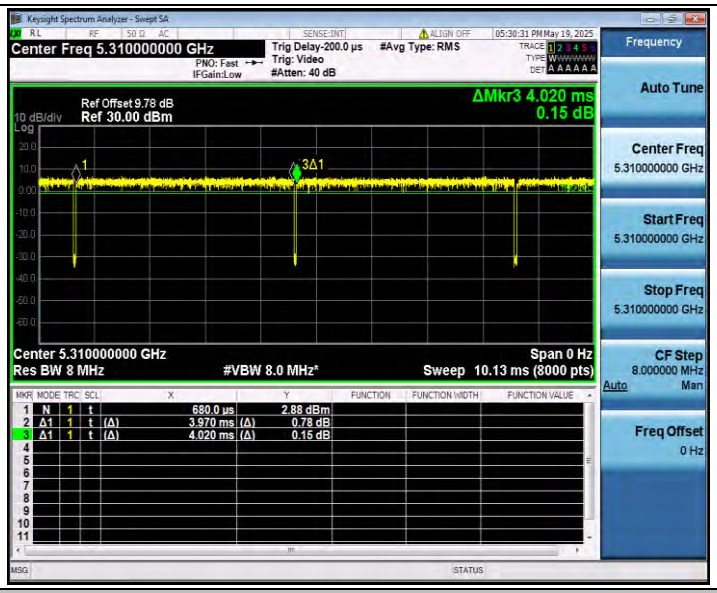
11N20SISO_Ant1_5320



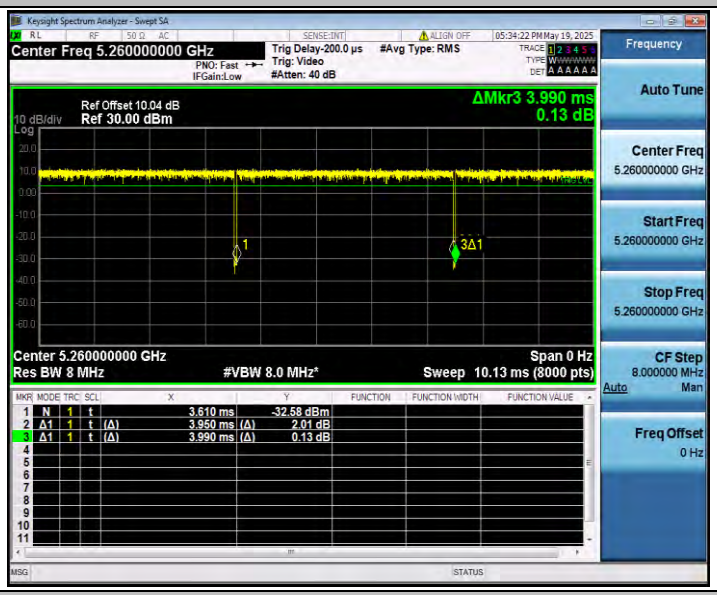
11N40SISO_Ant1_5270



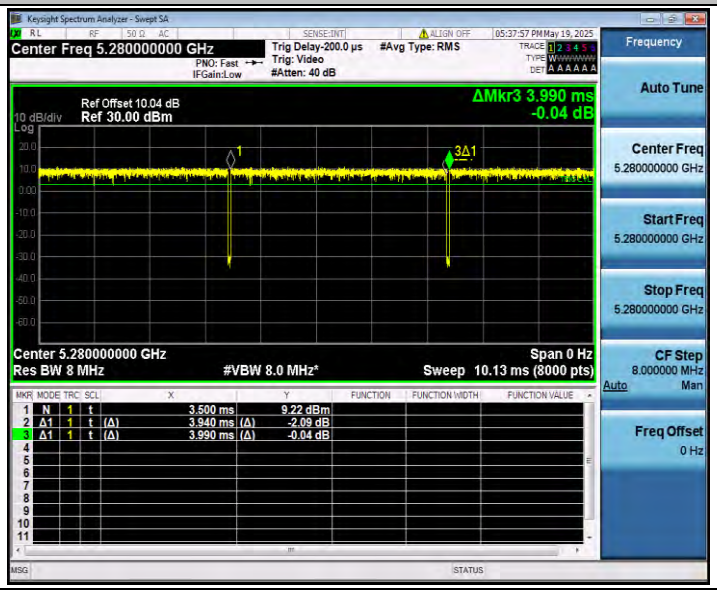
11N40SISO_Ant1_5310



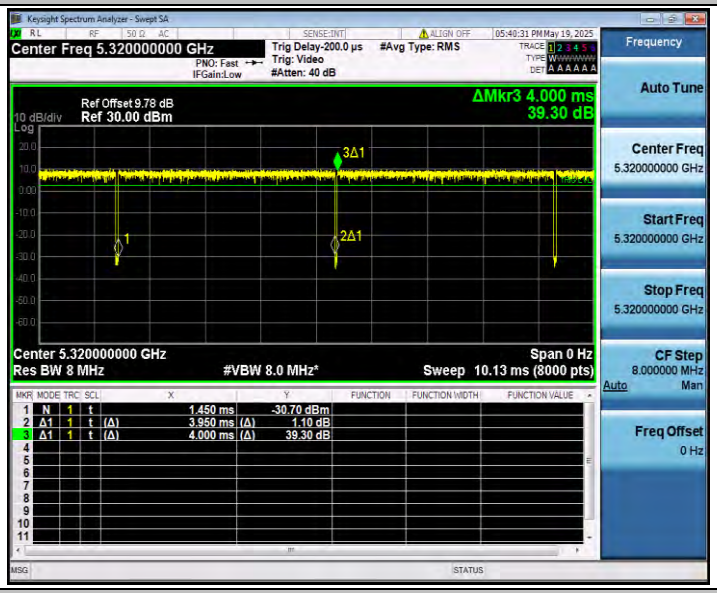
11AC20SISO_Ant1_5260



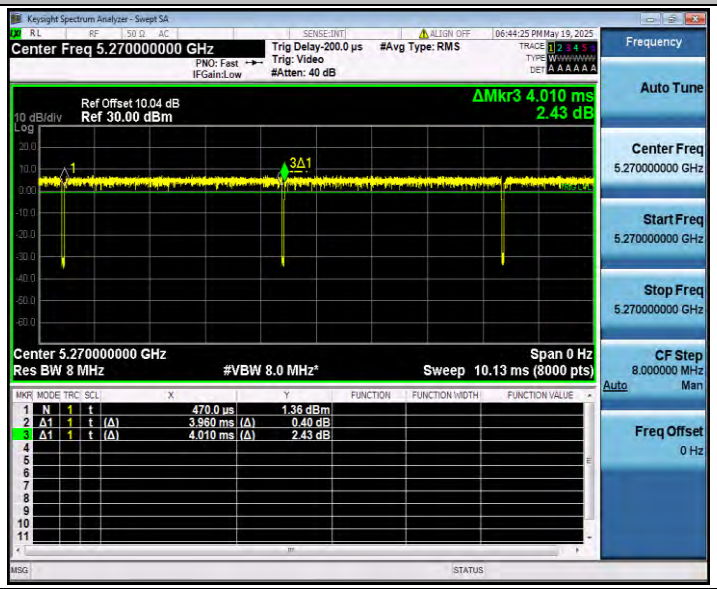
11AC20SISO_Ant1_5280



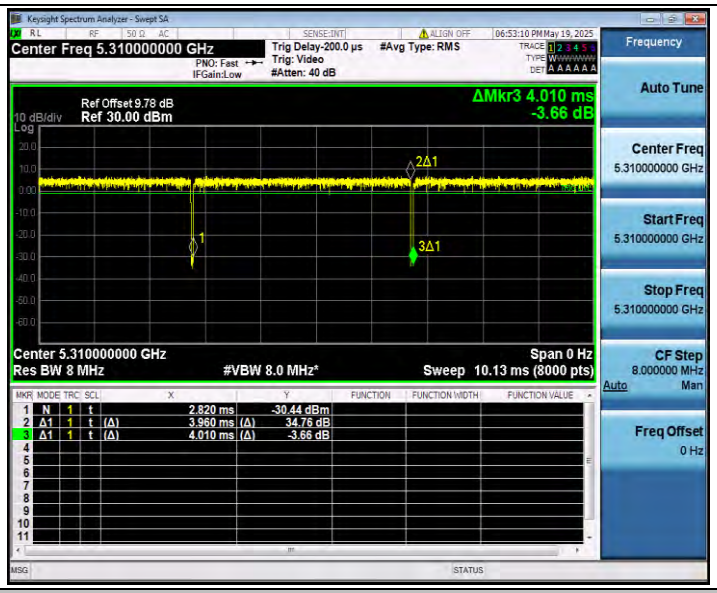
11AC20SISO_Ant1_5320



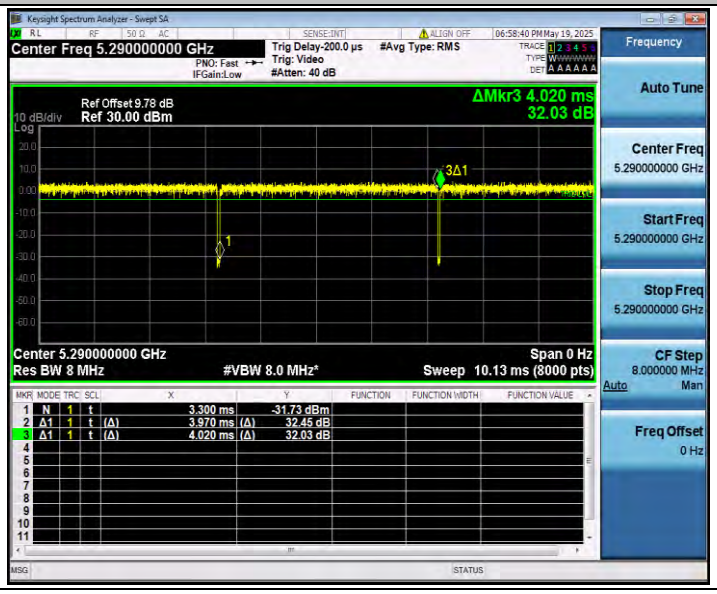
11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	11.32	97.66	0.10	11.42	≤23.98	PASS
		5280	11.04	98.12	0.08	11.12	≤23.98	PASS
		5320	10.60	97.66	0.10	10.70	≤23.98	PASS
11N20SISO	Ant1	5260	11.35	98.76	0.05	11.40	≤23.98	PASS
		5280	10.98	98.76	0.05	11.03	≤23.98	PASS
		5320	10.57	98.76	0.05	10.62	≤23.98	PASS
11N40SISO	Ant1	5270	11.23	98.76	0.05	11.28	≤23.98	PASS
		5310	10.75	98.76	0.05	10.80	≤23.98	PASS
11AC20SISO	Ant1	5260	11.56	99.00	0.04	11.60	≤23.98	PASS
		5280	11.21	98.75	0.05	11.26	≤23.98	PASS
		5320	10.44	98.75	0.05	10.49	≤23.98	PASS
11AC40SISO	Ant1	5270	11.25	98.75	0.05	11.30	≤23.98	PASS
		5310	10.78	98.75	0.05	10.83	≤23.98	PASS
11AC80SISO	Ant1	5290	11.06	98.76	0.05	11.11	≤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	0.55	≤11.00	PASS
		5280	0.13	≤11.00	PASS
		5320	-0.13	≤11.00	PASS
11N20SISO	Ant1	5260	0.25	≤11.00	PASS
		5280	-0.13	≤11.00	PASS
		5320	-0.46	≤11.00	PASS
11N40SISO	Ant1	5270	-3.05	≤11.00	PASS
		5310	-3.47	≤11.00	PASS
11AC20SISO	Ant1	5260	0.43	≤11.00	PASS
		5280	0.01	≤11.00	PASS
		5320	-0.33	≤11.00	PASS
11AC40SISO	Ant1	5270	-3.06	≤11.00	PASS
		5310	-3.48	≤11.00	PASS
11AC80SISO	Ant1	5290	-6.25	≤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

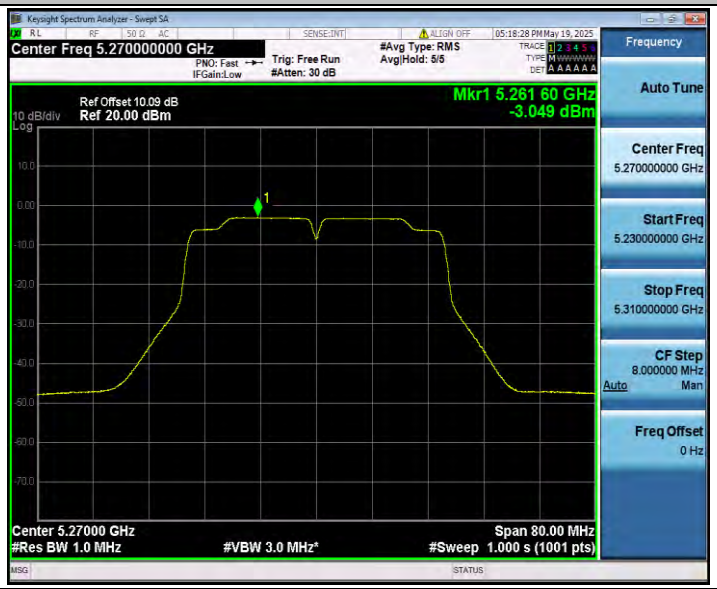
11A_Ant1_5320

11N20SISO_Ant1_5260

11N20SISO_Ant1_5280

11N20SISO_Ant1_5320

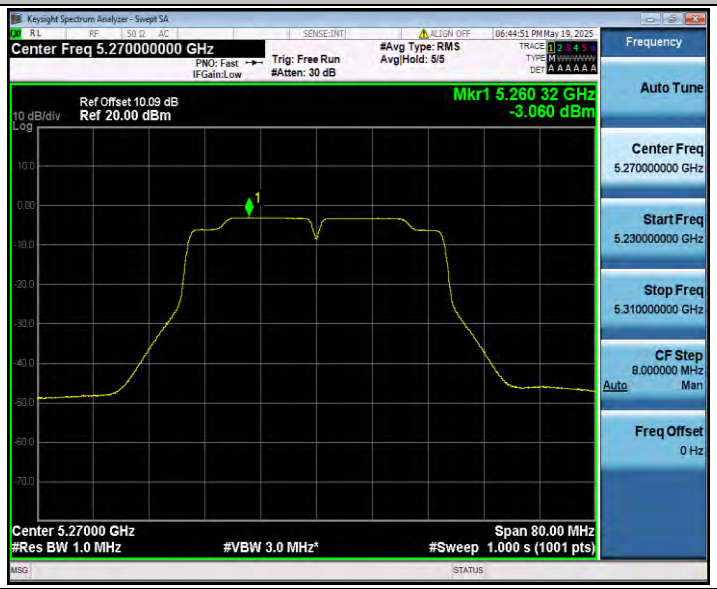
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320
11AC40SISO_Ant1_5270

11AC40SISO_Ant1_5310

11AC80SISO_Ant1_5290

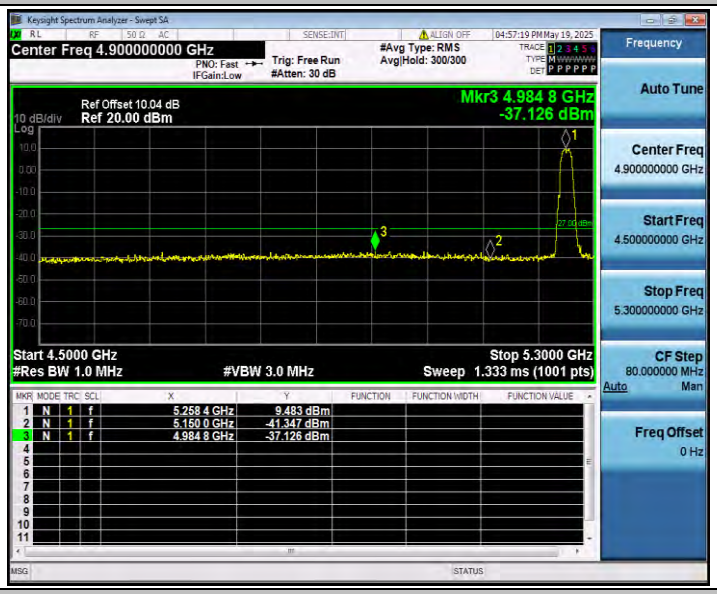
Appendix E.6: Band edge measurements

Test Result B2

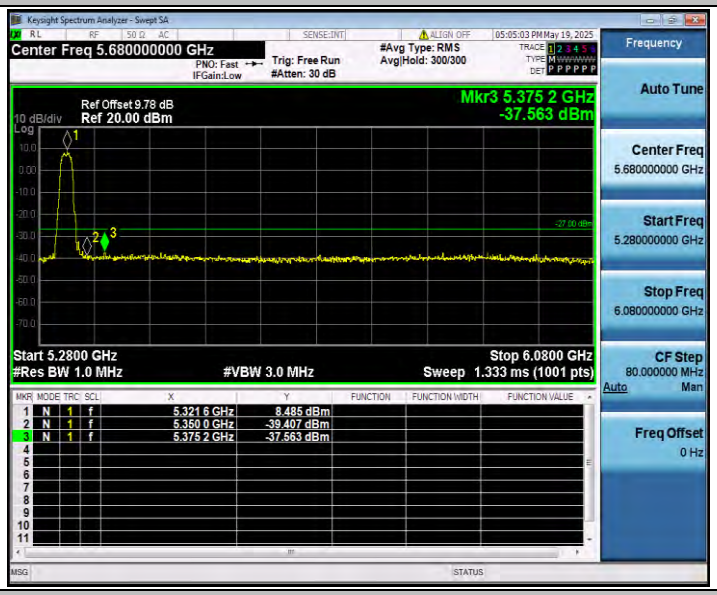
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-37.13	≤-27	PASS
		High	5320	-37.56	≤-27	PASS
11N20SISO	Ant1	Low	5260	-37.34	≤-27	PASS
		High	5320	-37.48	≤-27	PASS
11N40SISO	Ant1	Low	5270	-36.44	≤-27	PASS
		High	5310	-36.51	≤-27	PASS
11AC20SISO	Ant1	Low	5260	-37.14	≤-27	PASS
		High	5320	-37.07	≤-27	PASS
11AC40SISO	Ant1	Low	5270	-37.03	≤-27	PASS
		High	5310	-35.97	≤-27	PASS
11AC80SISO	Ant1	Low	5290	-36.83	≤-27	PASS
		High	5290	-35.94	≤-27	PASS

Test Graphs B2

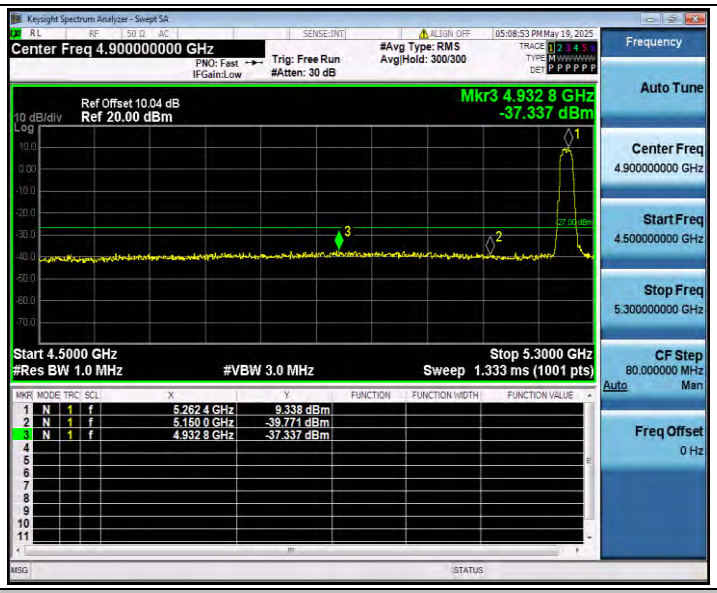
11A_Ant1_Low_5260



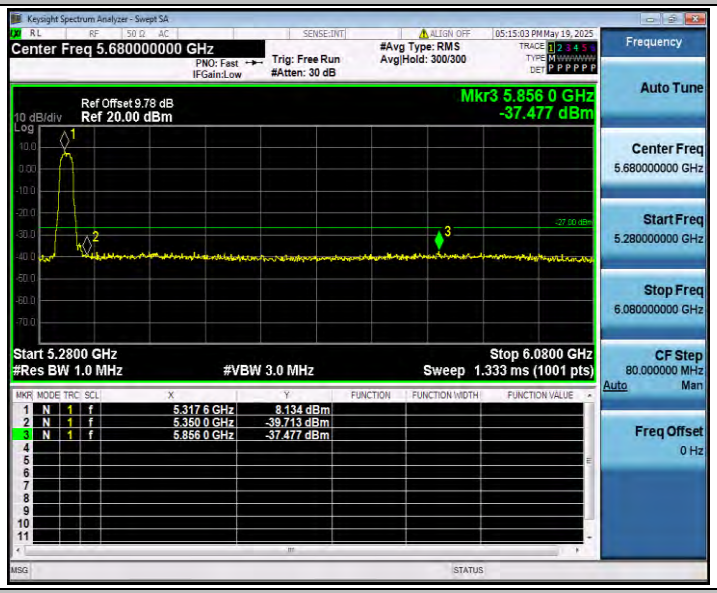
11A_Ant1_High_5320



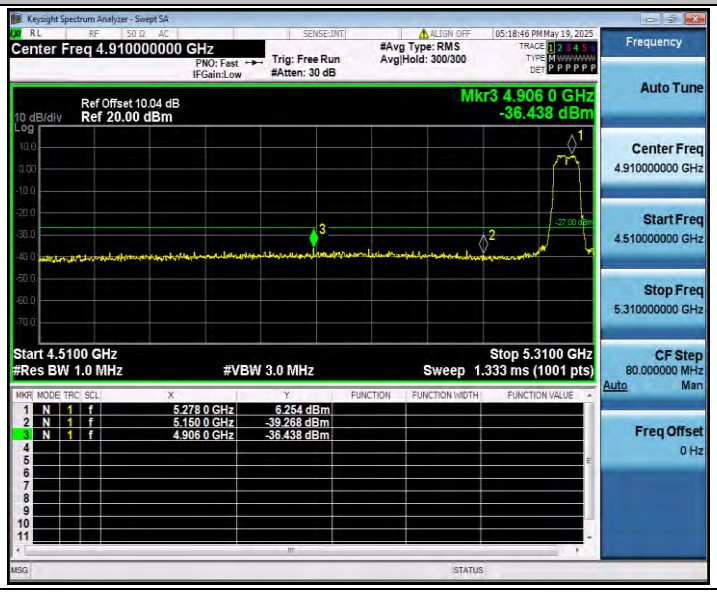
11N20SISO_Ant1_Low_5260



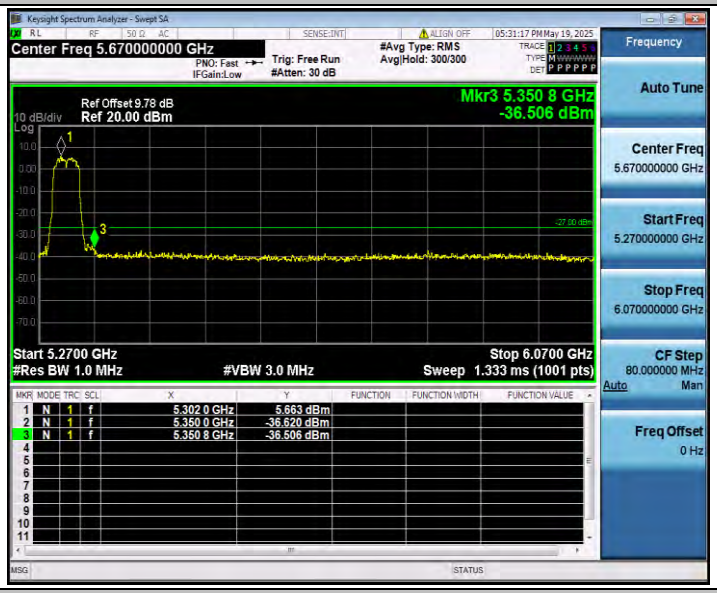
11N20SISO_Ant1_High_5320



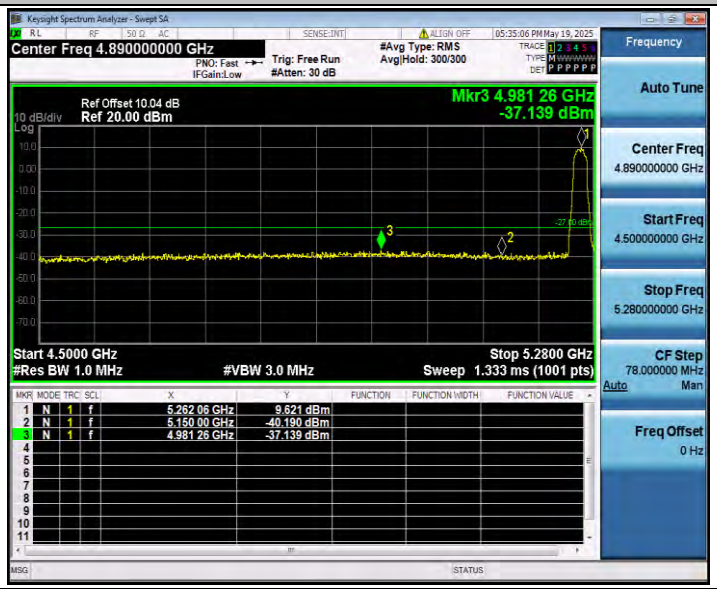
11N40SISO_Ant1_Low_5270



11N40SISO_Ant1_High_5310



11AC20SISO_Ant1_Low_5260



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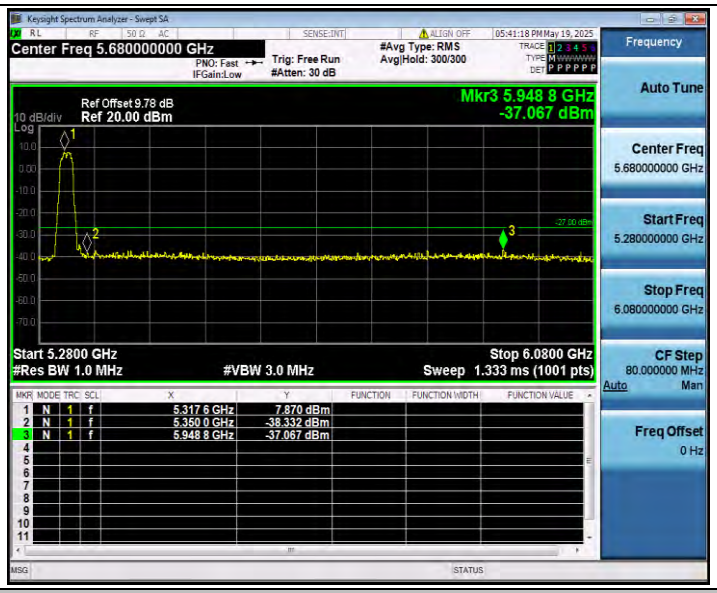
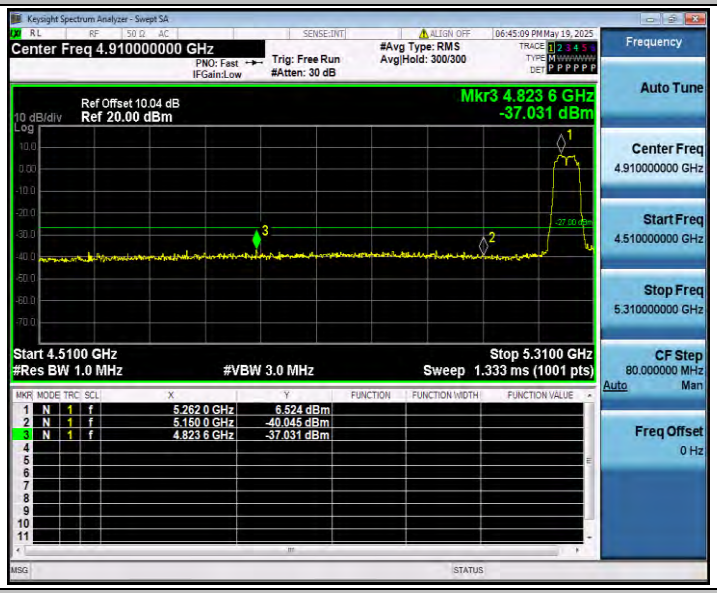
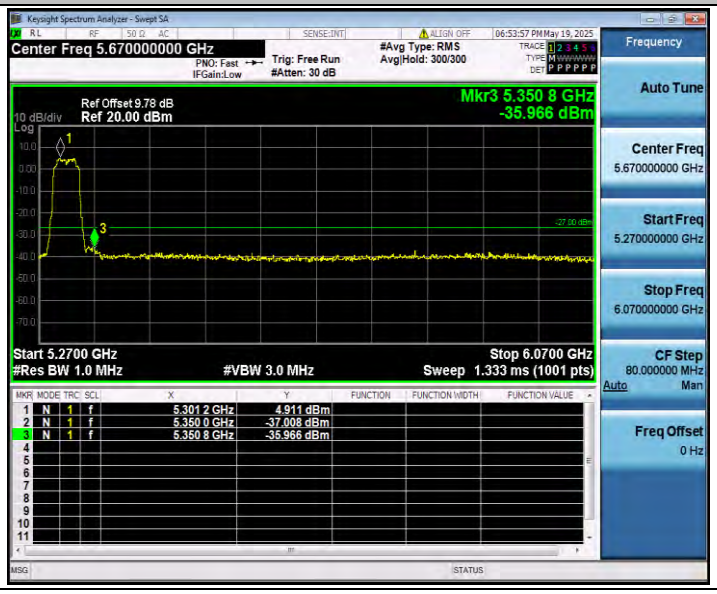
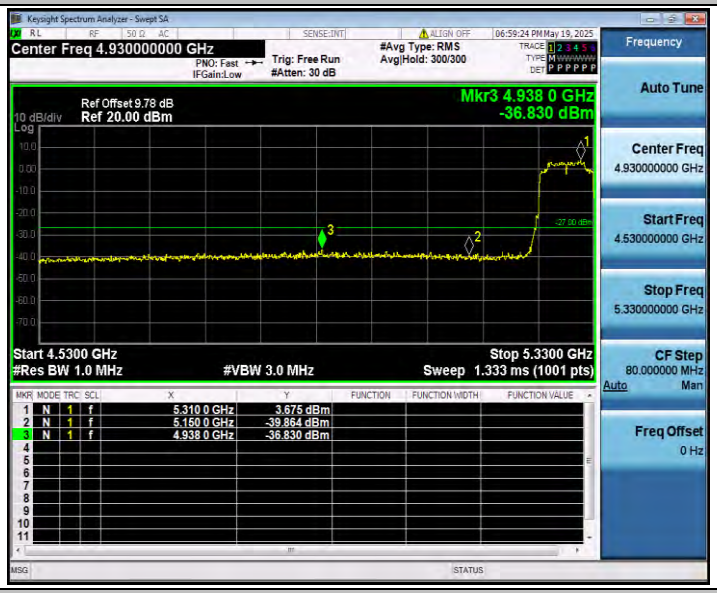


11AC40SISO_Ant1_Low_5270



11AC40SISO_Ant1_High_5310



11AC80SISO_Ant1_Low_5290


11AC80SISO_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	5131.14	-46.24	≤-27	PASS
			5360~27000	26079.58	-37.35	≤-27	PASS
		5280	30~5140	2664.55	-45.95	≤-27	PASS
			5360~27000	24843.21	-37.45	≤-27	PASS
		5320	30~5140	2629.97	-46.54	≤-27	PASS
			5360~27000	24859.8	-37.47	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	5089.41	-45.3	≤-27	PASS
			5360~27000	24279.85	-36.83	≤-27	PASS
		5280	30~5140	3125.98	-46.21	≤-27	PASS
			5360~27000	24244.51	-36.98	≤-27	PASS
		5320	30~5140	2671.7	-46.71	≤-27	PASS
			5360~27000	24313.03	-36.87	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	4909.88	-46.62	≤-27	PASS
			5360~27000	26052.89	-37.15	≤-27	PASS
		5310	30~5140	3284.05	-47.18	≤-27	PASS
			5360~27000	24161.55	-36.36	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	5137.1	-45.51	≤-27	PASS
			5360~27000	24261.82	-37.36	≤-27	PASS
		5280	30~5140	5055.17	-46.49	≤-27	PASS
			5360~27000	24326.02	-37.09	≤-27	PASS
		5320	30~5140	5089.07	-46.37	≤-27	PASS
			5360~27000	24207	-36.58	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	5119.9	-45.01	≤-27	PASS
			5360~27000	23609.01	-37.24	≤-27	PASS
		5310	30~5140	2693.16	-46.45	≤-27	PASS
			5360~27000	26968.26	-37.03	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	4921.63	-46.51	≤-27	PASS
			5360~27000	26081.02	-37.86	≤-27	PASS

Test Graphs

11A_Ant1_5260_30~5140

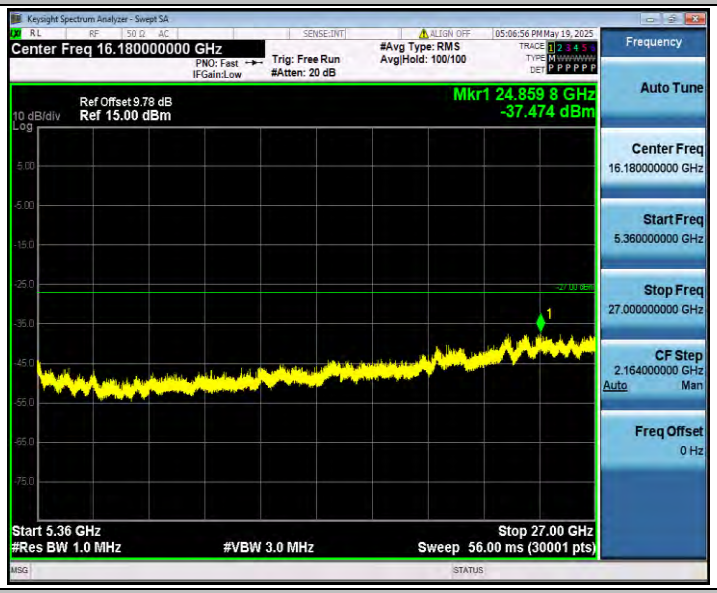
11A_Ant1_5260_5360~27000

11A_Ant1_5280_30~5140

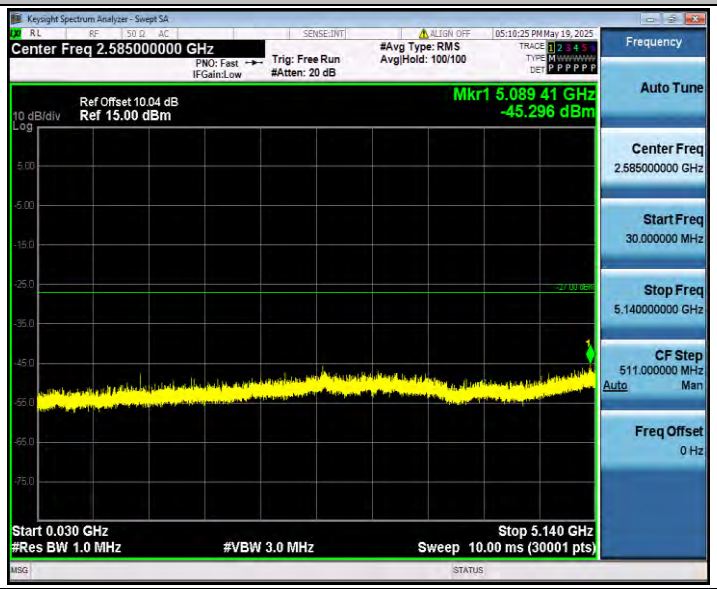
11A_Ant1_5280_5360~27000

11A_Ant1_5320_30~5140

11A_Ant1_5320_5360~27000



11N20SISO_Ant1_5260_30~5140

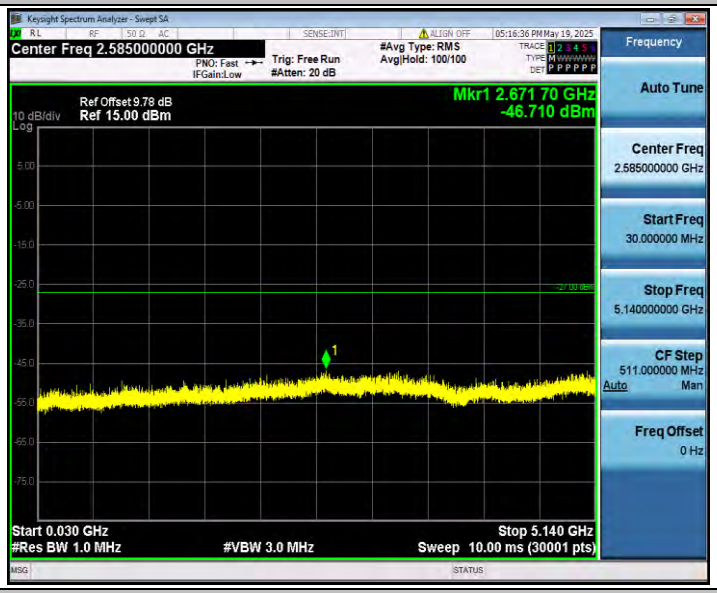


11N20SISO_Ant1_5260_5360~27000

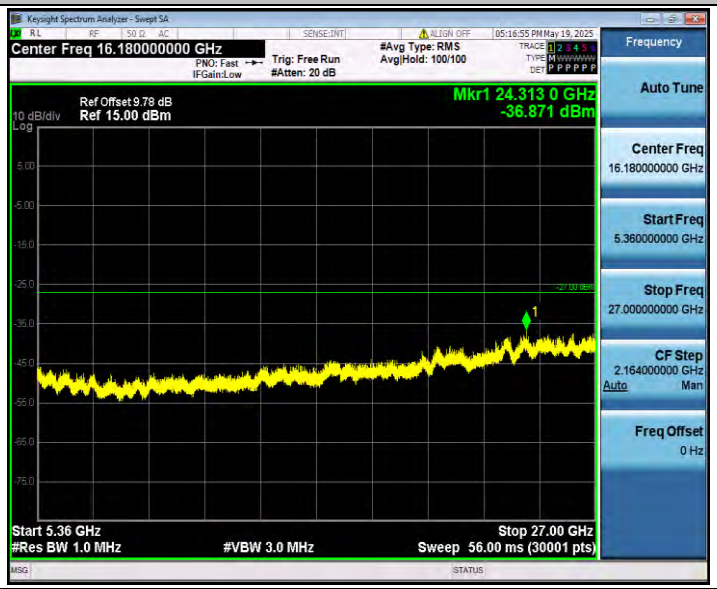
11N20SISO_Ant1_5280_30~5140

11N20SISO_Ant1_5280_5360~27000

11N20SISO_Ant1_5320_30~5140



11N20SISO_Ant1_5320_5360~27000



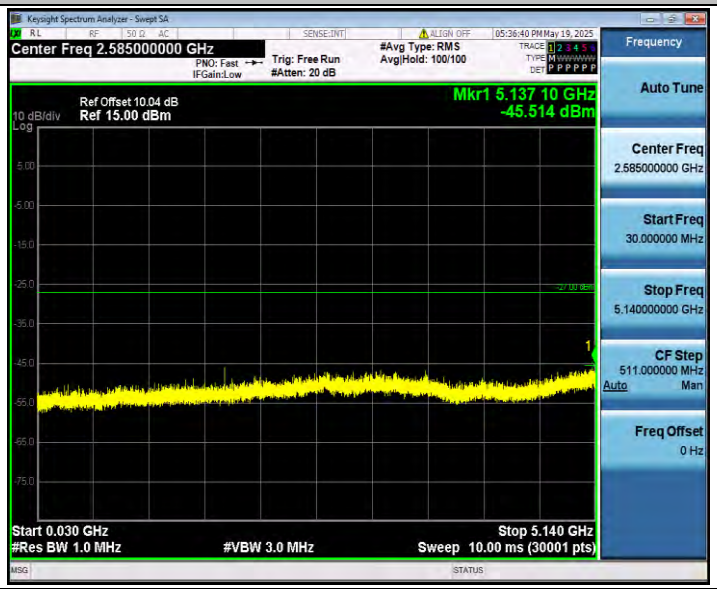
11N40SISO_Ant1_5270_30~5140

11N40SISO_Ant1_5270_5360~27000

11N40SISO_Ant1_5310_30~5140

11N40SISO_Ant1_5310_5360~27000

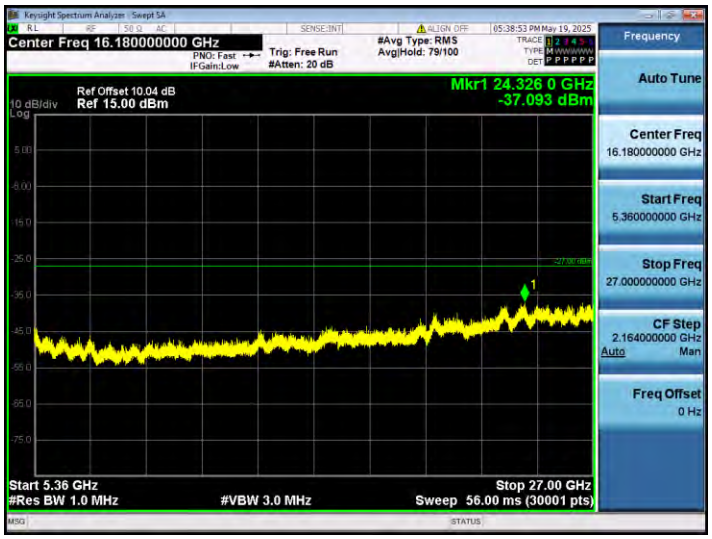
11AC20SISO_Ant1_5260_30~5140



11AC20SISO_Ant1_5260_5360~27000

11AC20SISO_Ant1_5280_30~5140

11AC20SISO_Ant1_5280_5360~27000

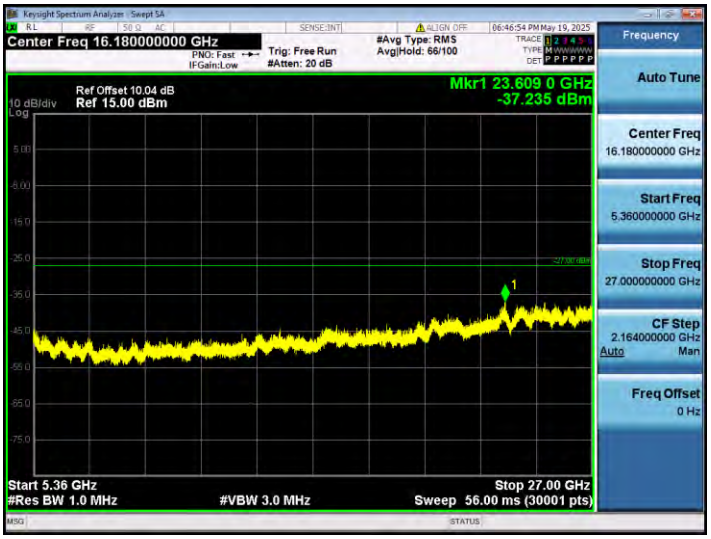


11AC20SISO_Ant1_5320_30~5140

11AC20SISO_Ant1_5320_5360~27000

11AC40SISO_Ant1_5270_30~5140

11AC40SISO_Ant1_5270_5360~27000



11AC40SISO_Ant1_5310_30~5140

11AC40SISO_Ant1_5310_5360~27000

11AC80SISO_Ant1_5290_30~5140

11AC80SISO_Ant1_5290_5360~27000