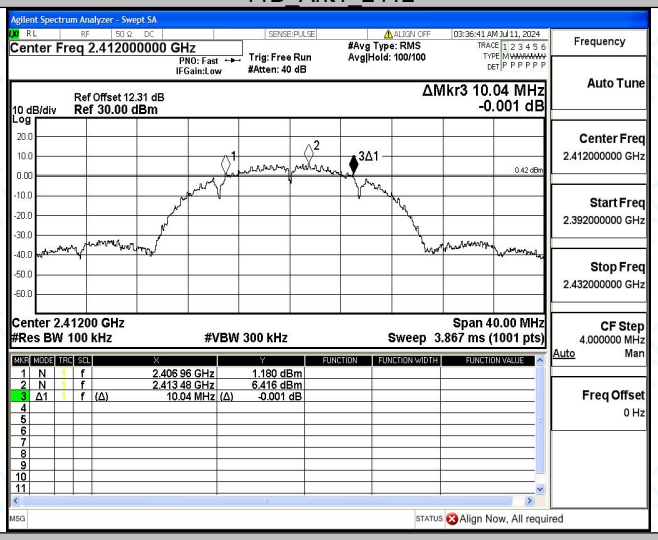
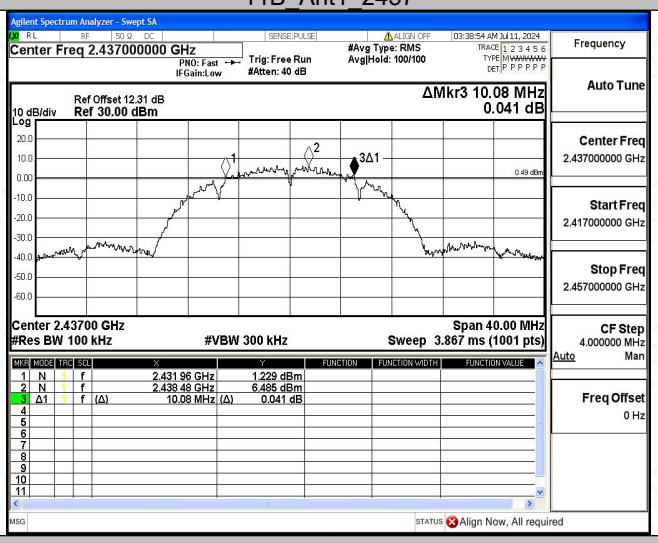
Test Graphs

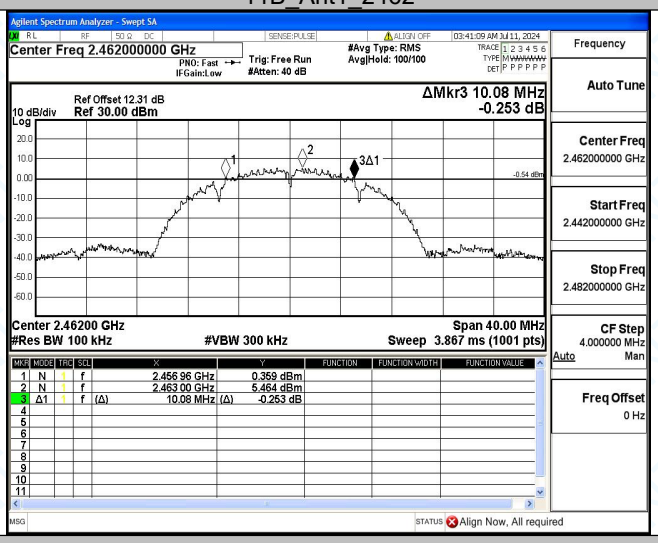
11B_Ant1_2412



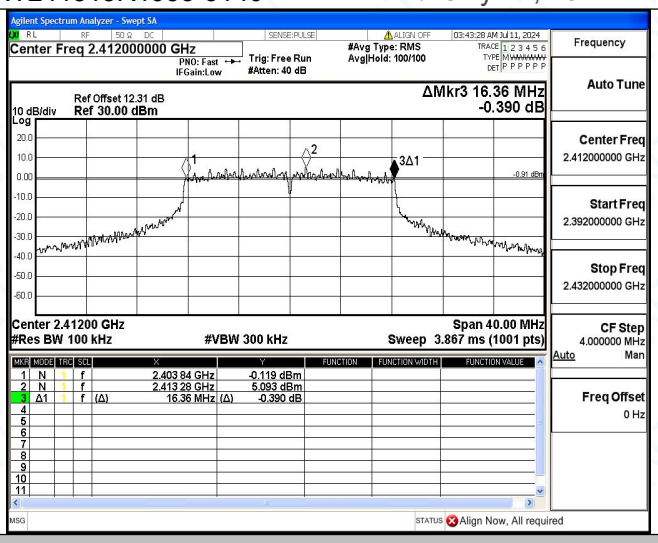
11B_Ant1_2437



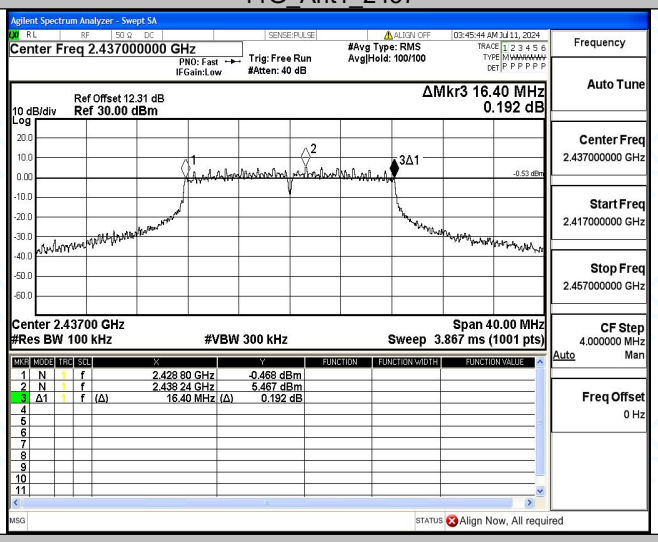
11B_Ant1_2462



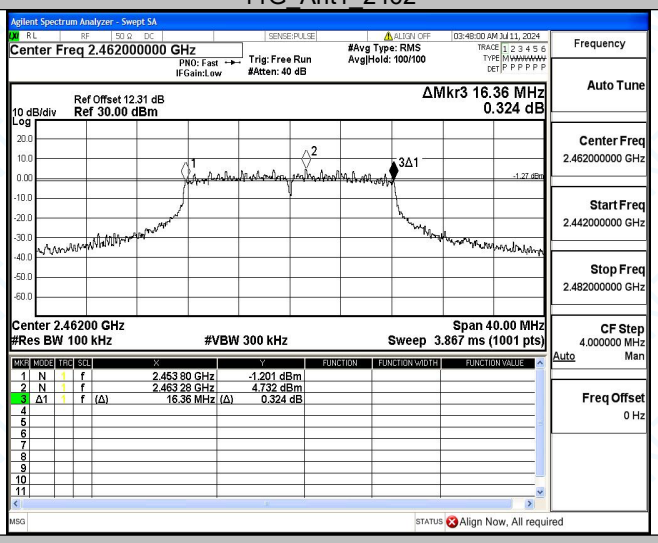
11G_Ant1_2412



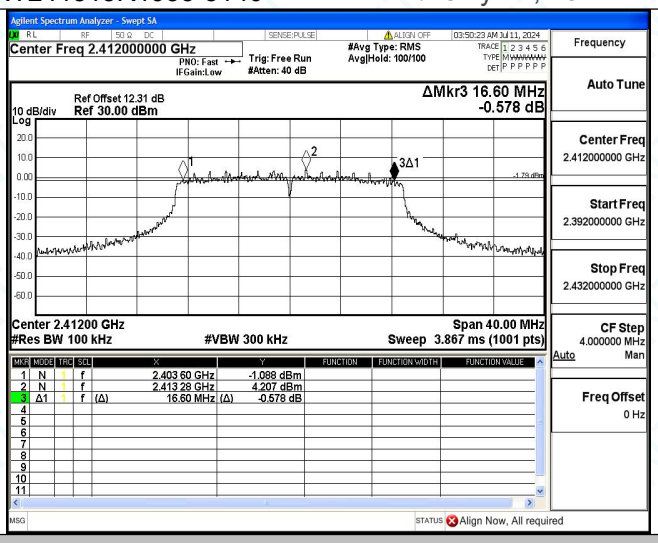
11G_Ant1_2437



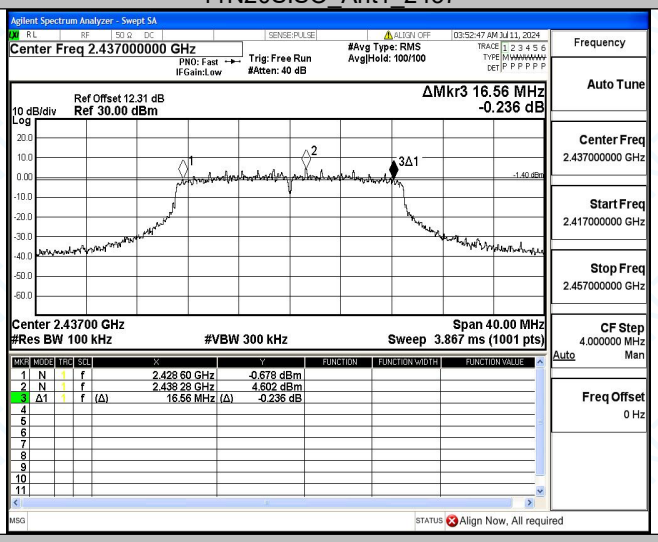
11G_Ant1_2462



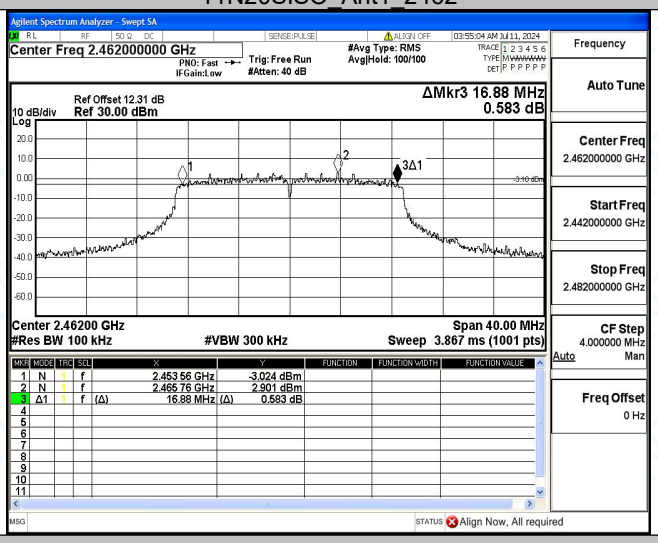
11N20SISO_Ant1_2412



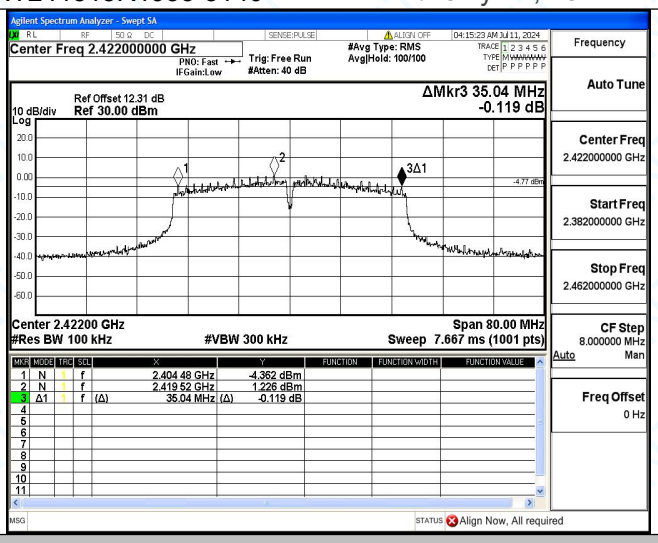
11N20SISO_Ant1_2437



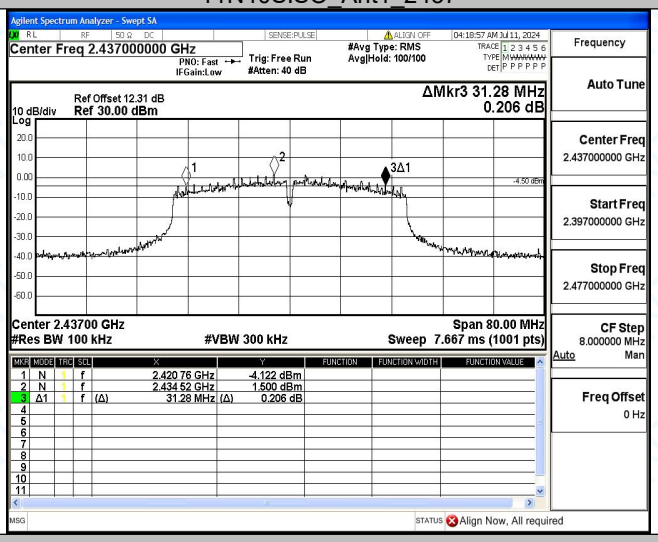
11N20SISO_Ant1_2462



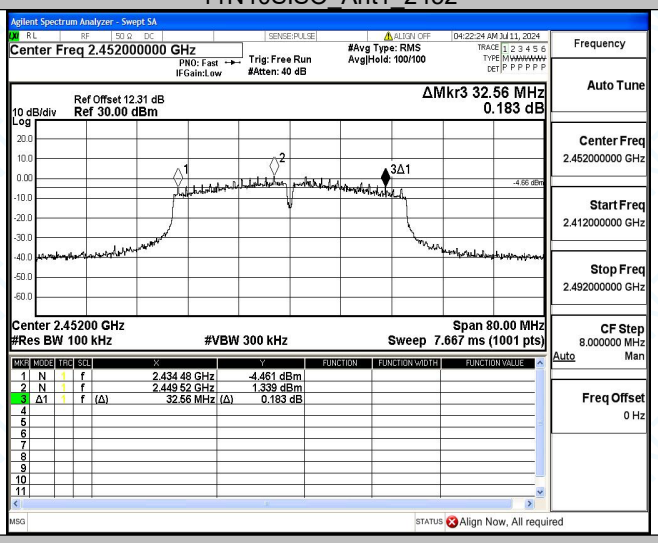
11N40SISO_Ant1_2422



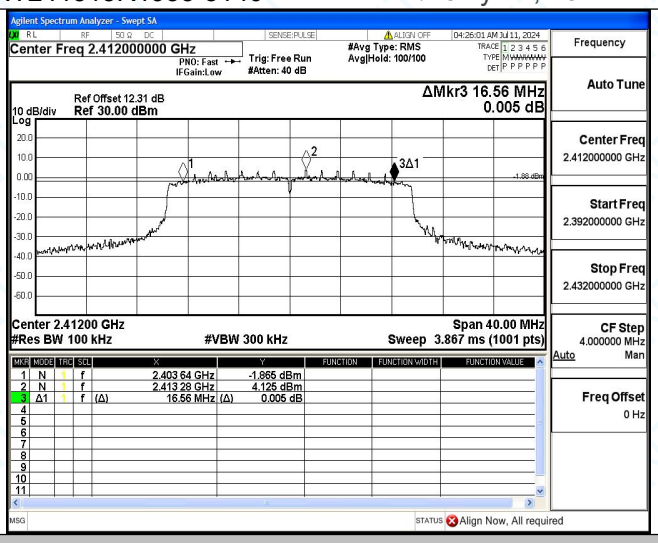
11N40SISO_Ant1_2437



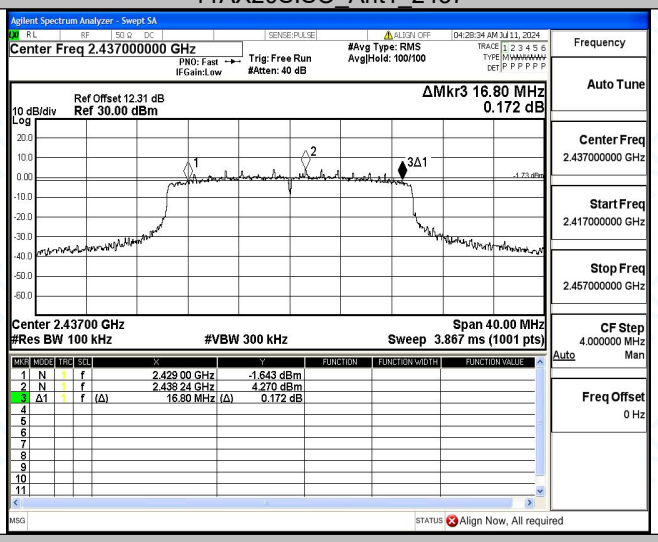
11N40SISO_Ant1_2452



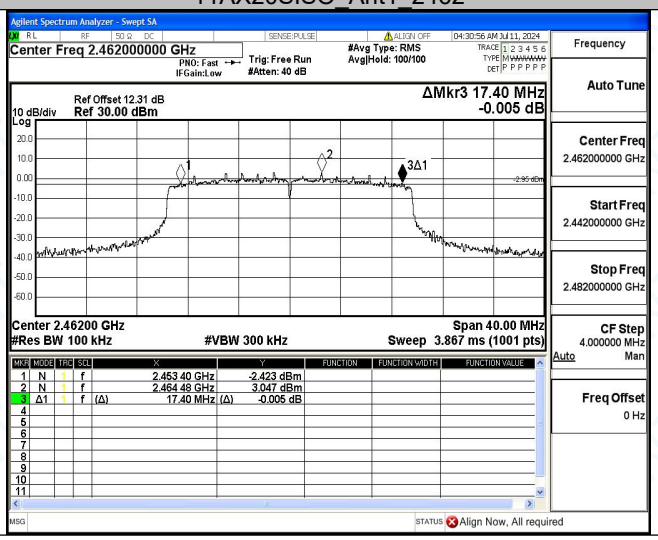
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	20.72	≤30.00	PASS
		2437	20.90	≤30.00	PASS
		2462	20.28	≤30.00	PASS
11G	Ant1	2412	23.00	≤30.00	PASS
		2437	23.36	≤30.00	PASS
		2462	22.68	≤30.00	PASS
11N20SISO	Ant1	2412	21.84	≤30.00	PASS
		2437	22.06	≤30.00	PASS
		2462	21.34	≤30.00	PASS
11N40SISO	Ant1	2422	21.03	≤30.00	PASS
		2437	20.87	≤30.00	PASS
		2452	20.73	≤30.00	PASS
11AX20SISO	Ant1	2412	21.87	≤30.00	PASS
		2437	22.24	≤30.00	PASS
		2462	21.38	≤30.00	PASS

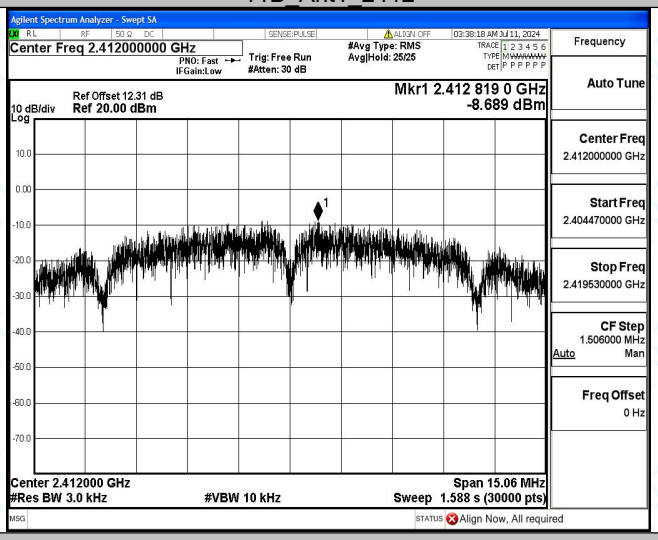
Appendix D: Maximum power spectral density

Test Result

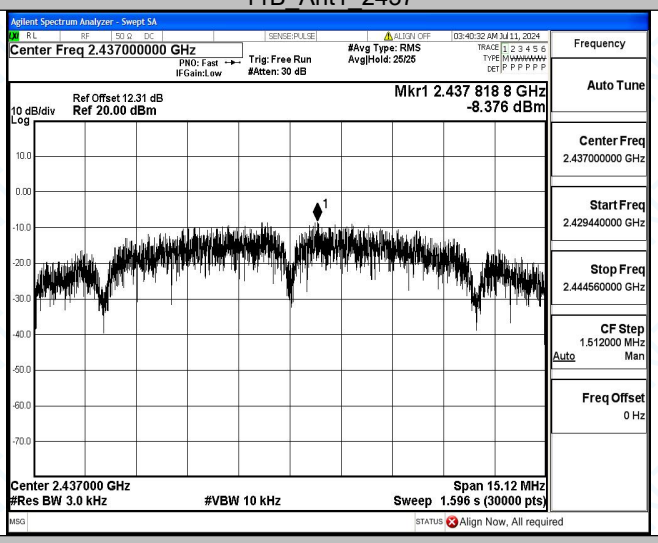
Test Mode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.69	≤8.00	PASS
		2437	-8.38	≤8.00	PASS
		2462	-9.40	≤8.00	PASS
11G	Ant1	2412	-9.38	≤8.00	PASS
		2437	-9.43	≤8.00	PASS
		2462	-9.88	≤8.00	PASS
11N20SISO	Ant1	2412	-10.73	≤8.00	PASS
		2437	-10.56	≤8.00	PASS
		2462	-10.82	≤8.00	PASS
11N40SISO	Ant1	2422	-13.06	≤8.00	PASS
		2437	-12.41	≤8.00	PASS
		2452	-12.65	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.82	≤8.00	PASS
		2437	-10.03	≤8.00	PASS
		2462	-11.46	≤8.00	PASS

Test Graphs

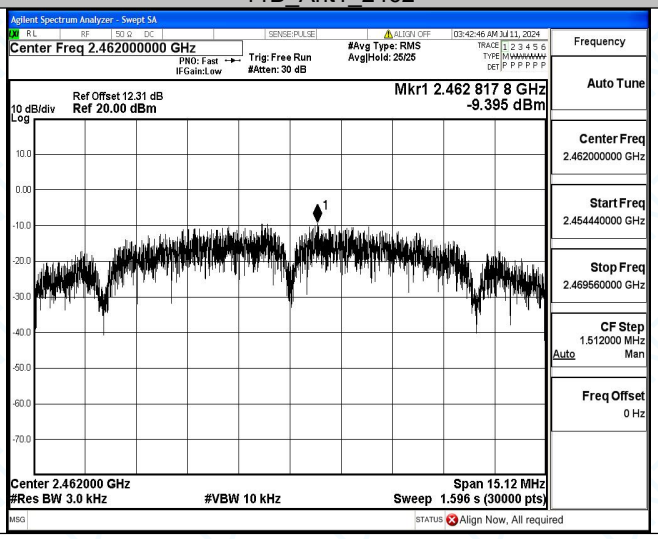
11B_Ant1_2412



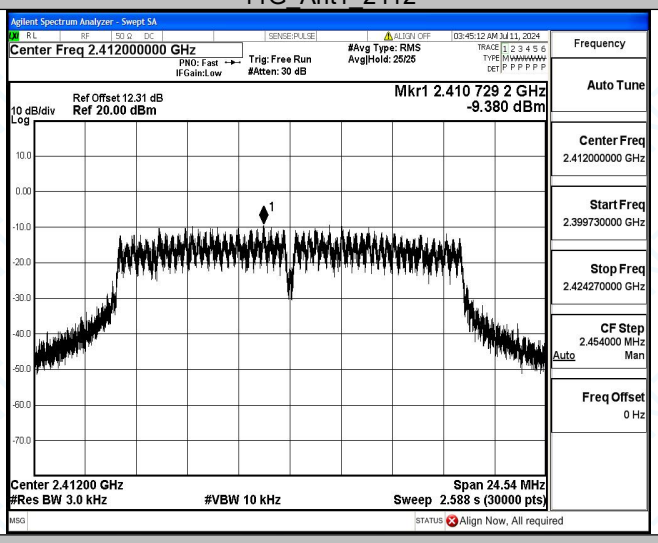
11B_Ant1_2437



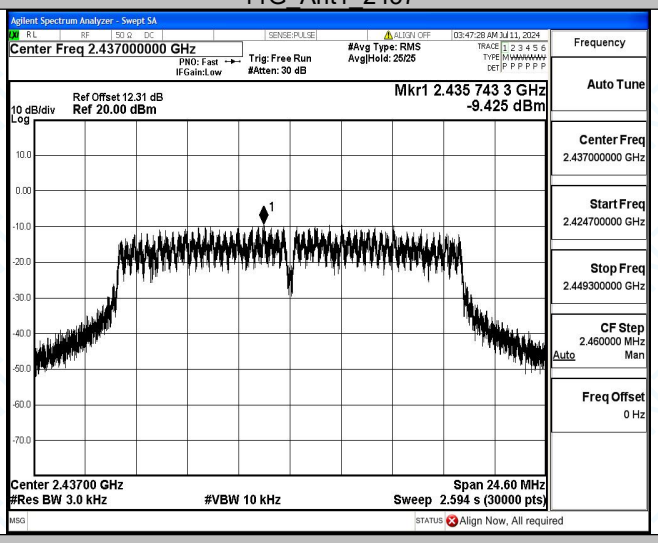
11B_Ant1_2462



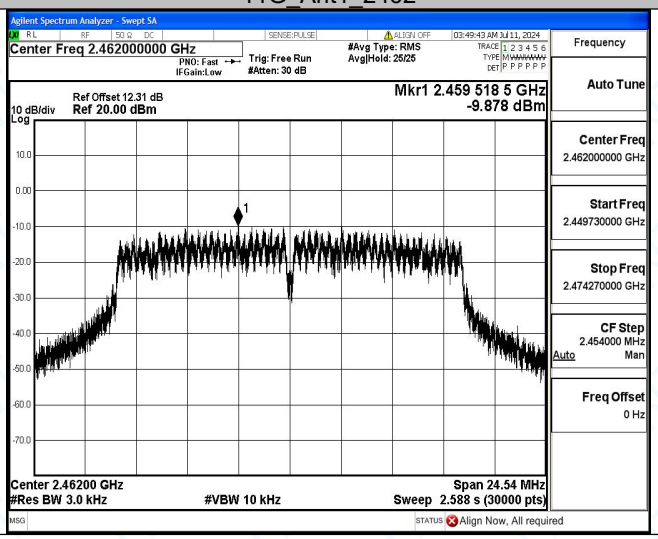
11G_Ant1_2412



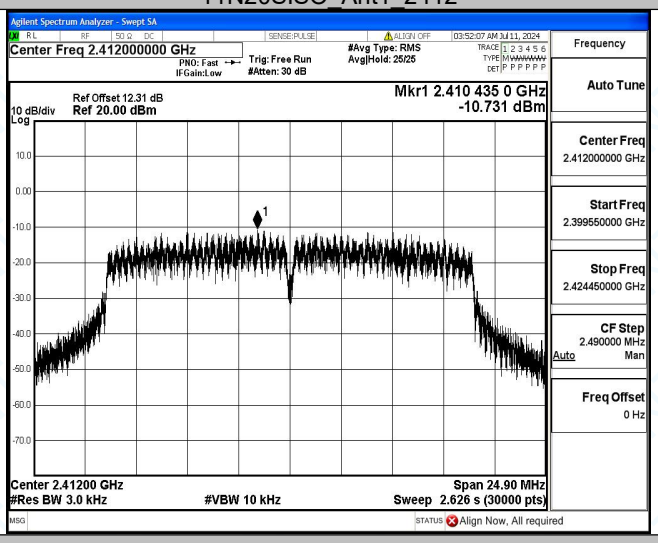
11G_Ant1_2437



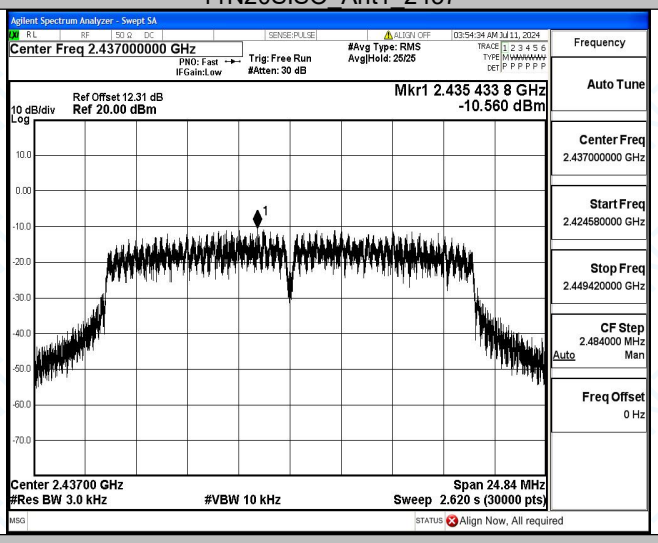
11G_Ant1_2462



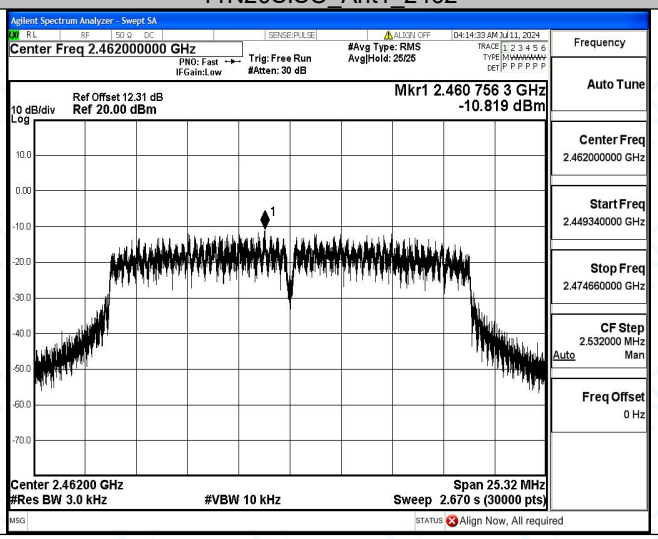
11N20SISO_Ant1_2412



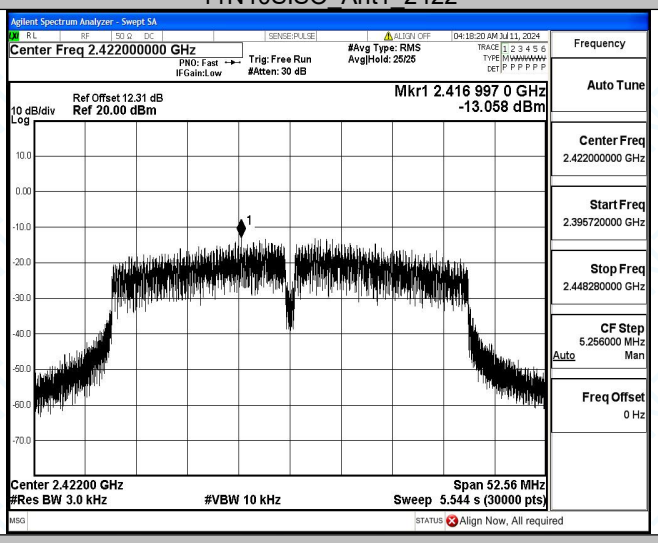
11N20SISO_Ant1_2437



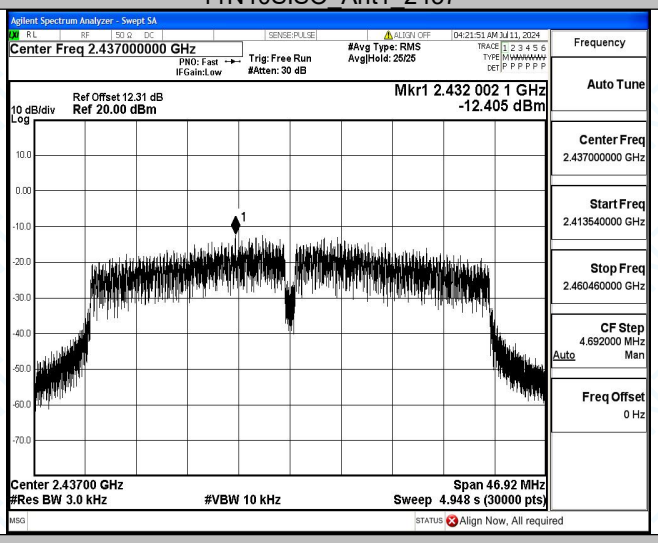
11N20SISO_Ant1_2462



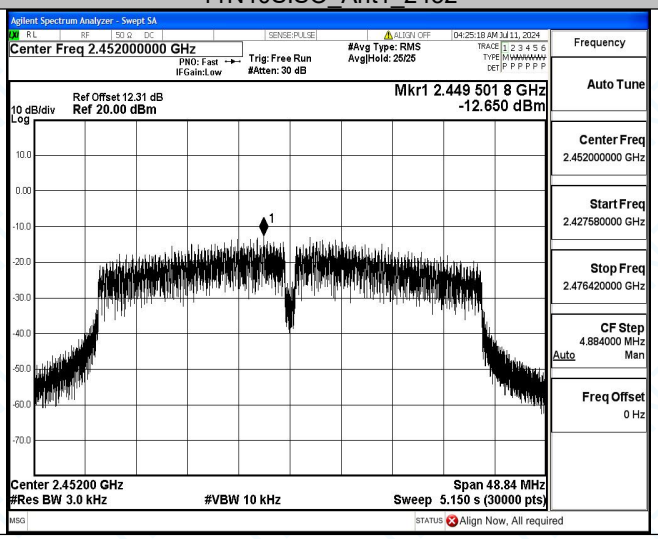
11N40SISO_Ant1_2422



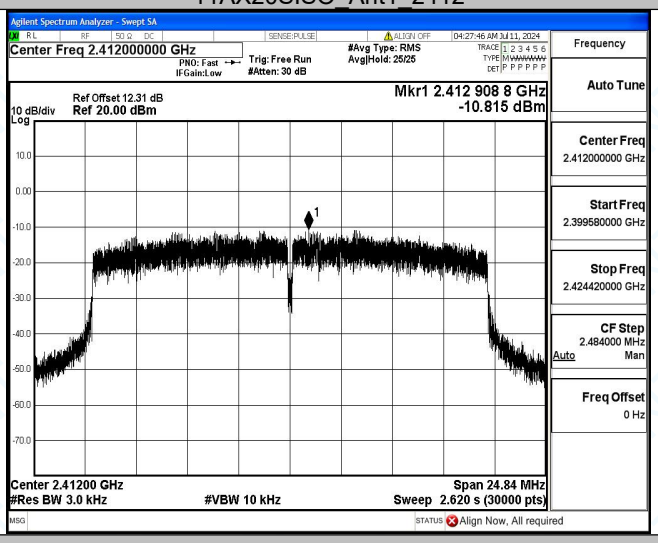
11N40SISO_Ant1_2437



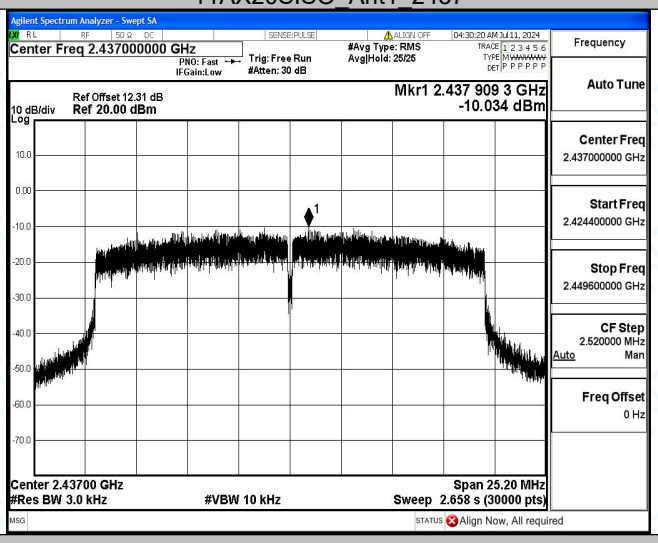
11N40SISO_Ant1_2452



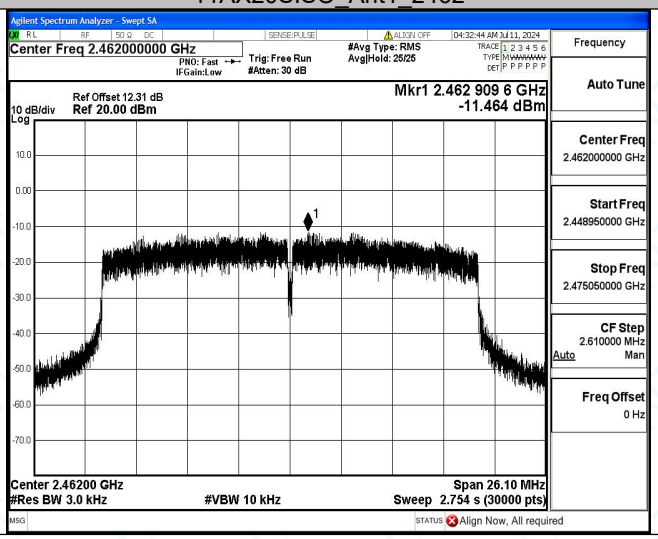
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq (MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.26	-42.9	≤-13.74	PASS
		High	2462	5.13	-47.11	≤-14.87	PASS
11G	Ant1	Low	2412	-1.99	-38.42	≤-21.99	PASS
		High	2462	0.17	-46.79	≤-19.83	PASS
11N20SISO	Ant1	Low	2412	-1.06	-37.1	≤-21.06	PASS
		High	2462	0.83	-45.45	≤-19.17	PASS
11N40SISO	Ant1	Low	2422	-1.25	-36.01	≤-21.25	PASS
		High	2452	-4.59	-45.93	≤-24.59	PASS
11AX20SISO	Ant1	Low	2412	-4.22	-42.76	≤-22.62	PASS
		High	2462	-2.43	-46.48	≤-24.27	PASS

Appendix F: Conducted Spurious Emission

Test Mode	Antenna	Freq(MHz)	FreqRange[Mhz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-58.95	≤-15.61	PASS
			1000~26500	4.39	-48.28	≤-15.61	PASS
		2437	Reference	3.78	3.78	---	PASS
			30~1000	3.78	-58.95	≤-16.22	PASS
			1000~26500	3.78	-48.99	≤-16.22	PASS
		2462	Reference	4.07	4.07	---	PASS
			30~1000	4.07	-59.07	≤-15.93	PASS
			1000~26500	4.07	-48.5	≤-15.93	PASS
11G	Ant1	2412	Reference	-1.49	-1.49	---	PASS
			30~1000	-1.49	-57.89	≤-21.49	PASS
			1000~26500	-1.49	-48.78	≤-21.49	PASS
		2437	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-58.55	≤-19.83	PASS
			1000~26500	0.17	-49.01	≤-19.83	PASS
		2462	Reference	-0.06	-0.06	---	PASS
			30~1000	-0.06	-58.93	≤-20.06	PASS
			1000~26500	-0.06	-48.6	≤-20.06	PASS
11N20SISO	Ant1	2412	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-58.57	≤-18.91	PASS
			1000~26500	1.09	-48.57	≤-18.91	PASS
		2437	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-59.41	≤-20.41	PASS
			1000~26500	-0.41	-49.22	≤-20.41	PASS
		2462	Reference	0.42	0.42	---	PASS
			30~1000	0.42	-59.37	≤-19.58	PASS
			1000~26500	0.42	-48.38	≤-19.58	PASS
11N40SISO	Ant1	2422	Reference	-1.79	-1.79	---	PASS
			30~1000	-1.79	-58.61	≤-21.79	PASS
			1000~26500	-1.79	-49.06	≤-21.79	PASS
		2437	Reference	-1.42	-1.42	---	PASS
			30~1000	-1.42	-58.47	≤-21.42	PASS
			1000~26500	-1.42	-48.27	≤-21.42	PASS
		2452	Reference	-4.68	-4.68	---	PASS
			30~1000	-4.68	-57.75	≤-24.68	PASS
			1000~26500	-4.68	-48.74	≤-24.68	PASS
11AX20SISO	Ant1	2412	Reference	-2.32	-2.32	---	PASS
			30~1000	-2.32	-59.4	≤-22.32	PASS
			1000~26500	-2.32	-49.35	≤-22.32	PASS
		2437	Reference	-2.72	-2.72	---	PASS
			30~1000	-2.72	-58.44	≤-22.72	PASS
			1000~26500	-2.72	-48.1	≤-22.72	PASS
		2462	Reference	-2.34	-2.34	---	PASS
			30~1000	-2.34	-58.63	≤-22.34	PASS
			1000~26500	-2.34	-49.2	≤-22.34	PASS

The End Report