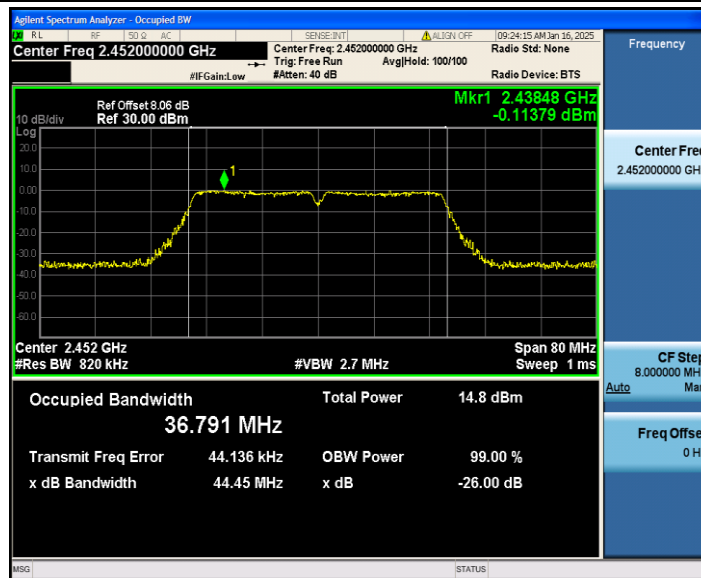
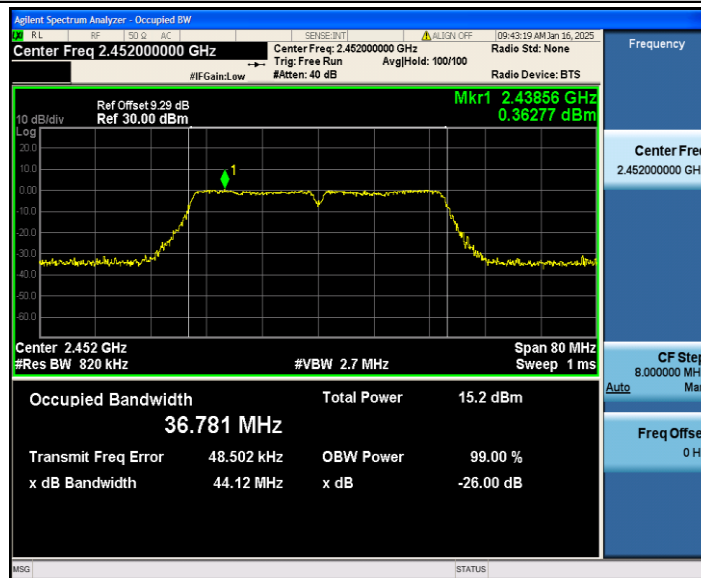




11N40MIMO_Ant2_2452

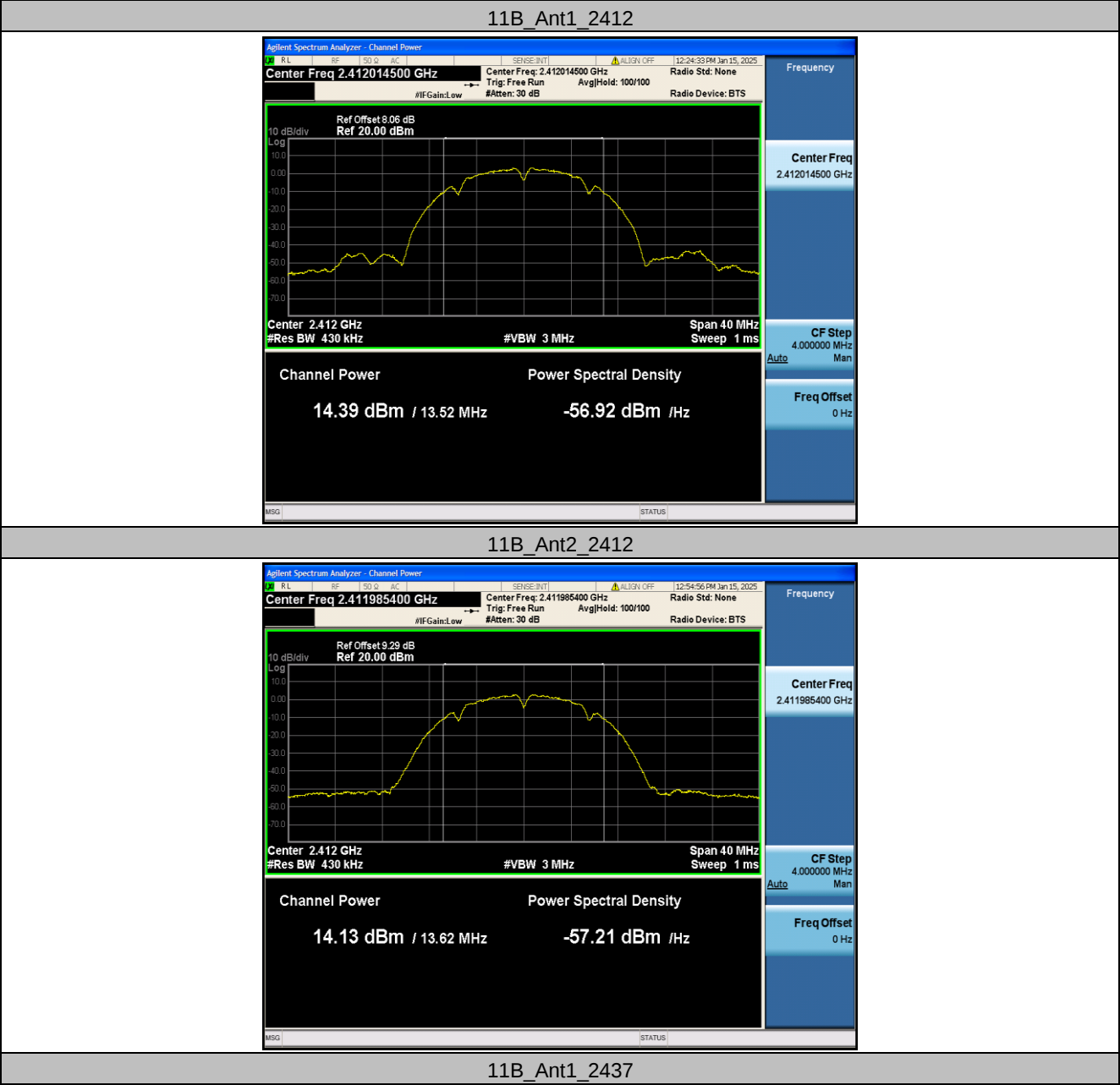


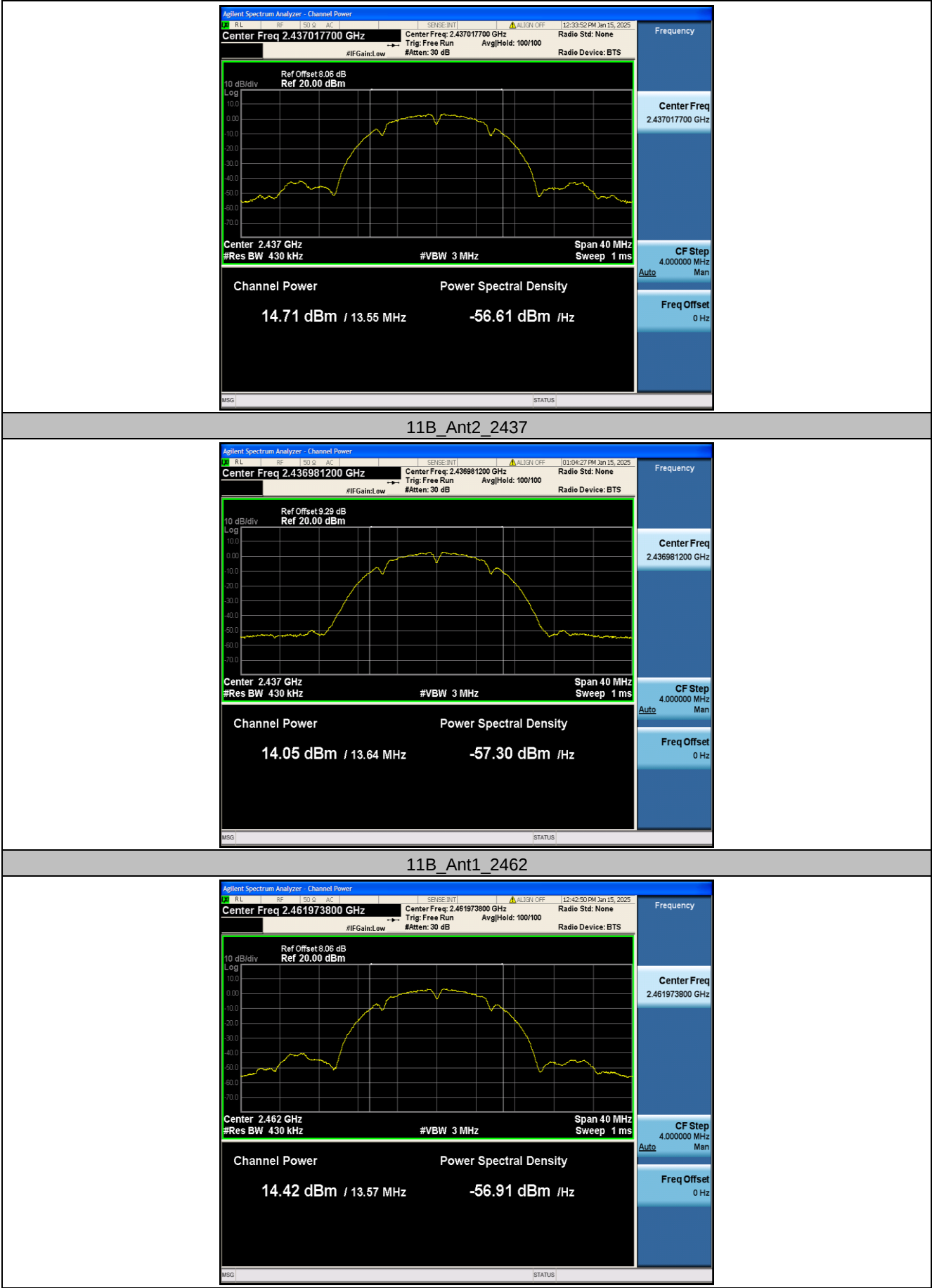
10.3 Appendix C: Maximum conducted output power

10.3.1 Test Result

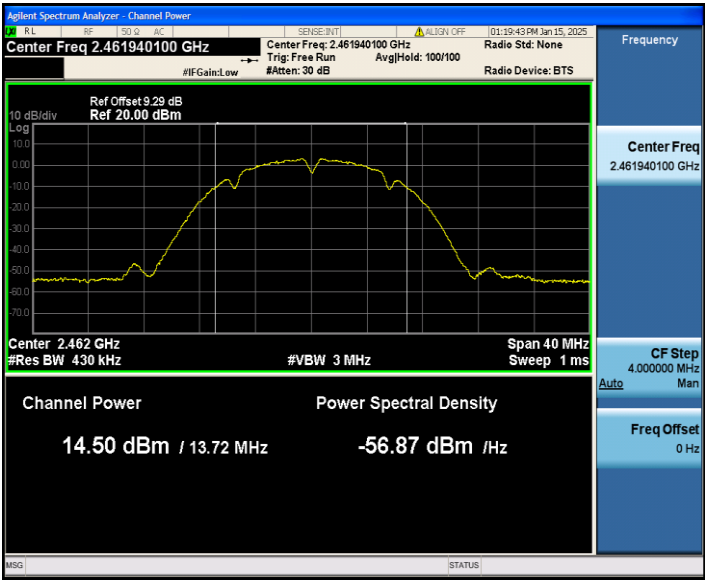
Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.39	0.00	14.39	≤30.00	PASS
	Ant2	2412	14.13	0.00	14.13	≤30.00	PASS
	Ant1	2437	14.71	0.00	14.71	≤30.00	PASS
	Ant2	2437	14.05	0.00	14.05	≤30.00	PASS
	Ant1	2462	14.42	0.00	14.42	≤30.00	PASS
	Ant2	2462	14.50	0.00	14.50	≤30.00	PASS
11G	Ant1	2412	12.48	0.00	12.48	≤30.00	PASS
	Ant2	2412	12.94	0.00	12.94	≤30.00	PASS
	Ant1	2437	12.52	0.00	12.52	≤30.00	PASS
	Ant2	2437	13.06	0.00	13.06	≤30.00	PASS
	Ant1	2462	12.68	0.00	12.68	≤30.00	PASS
	Ant2	2462	12.91	0.00	12.91	≤30.00	PASS
11N20MIMO	Ant1	2412	9.24	0.00	9.24	≤30.00	PASS
	Ant2	2412	9.21	0.00	9.21	≤30.00	PASS
	total	2412	---	---	12.24	≤29.70	PASS
	Ant1	2437	10.14	0.00	10.14	≤30.00	PASS
	Ant2	2437	8.80	0.00	8.80	≤30.00	PASS
	total	2437	---	---	12.53	≤29.70	PASS
	Ant1	2462	8.37	0.00	8.37	≤30.00	PASS
	Ant2	2462	8.95	0.00	8.95	≤30.00	PASS
	total	2462	---	---	11.68	≤29.70	PASS
11N40MIMO	Ant1	2422	8.44	0.00	8.44	≤30.00	PASS
	Ant2	2422	9.09	0.00	9.09	≤30.00	PASS
	total	2422	---	---	11.79	≤29.70	PASS
	Ant1	2437	8.41	0.00	8.41	≤30.00	PASS
	Ant2	2437	8.77	0.00	8.77	≤30.00	PASS
	total	2437	---	---	11.60	≤29.70	PASS
	Ant1	2452	7.94	0.00	7.94	≤30.00	PASS
	Ant2	2452	8.41	0.00	8.41	≤30.00	PASS
	total	2452	---	---	11.19	≤29.70	PASS

10.3.2 Test Graphs

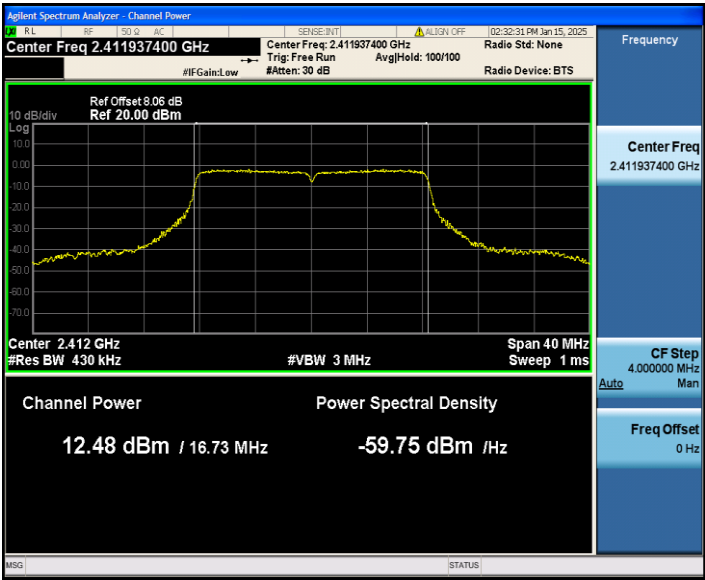




11B_Ant2_2462



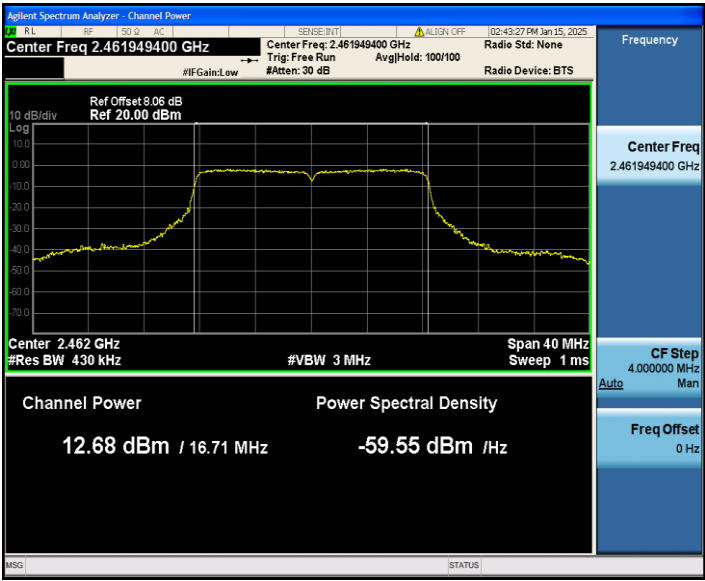
11G_Ant1_2412



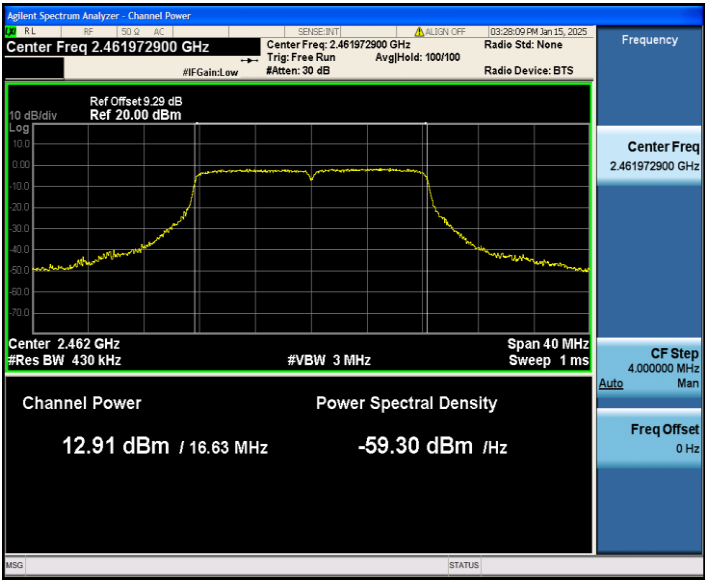
11G_Ant2_2412



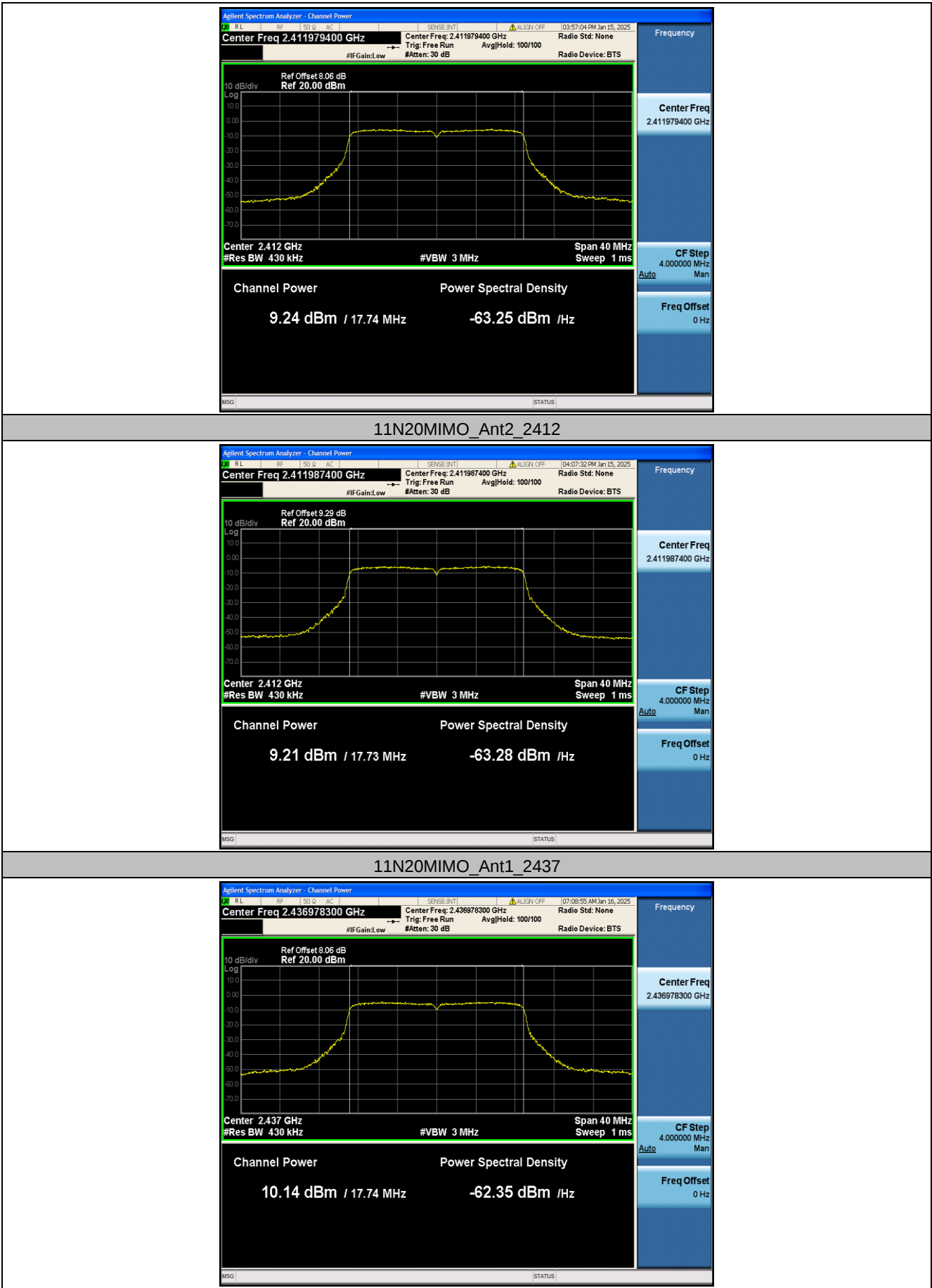
11G_Ant1_2462



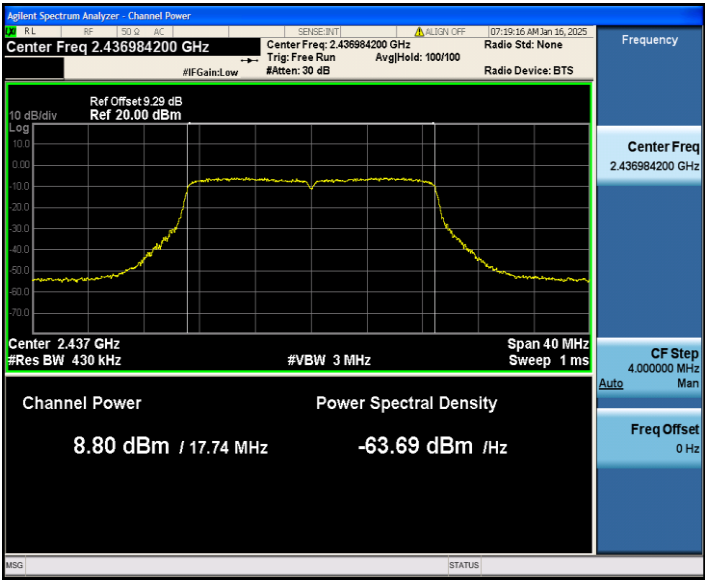
11G_Ant2_2462



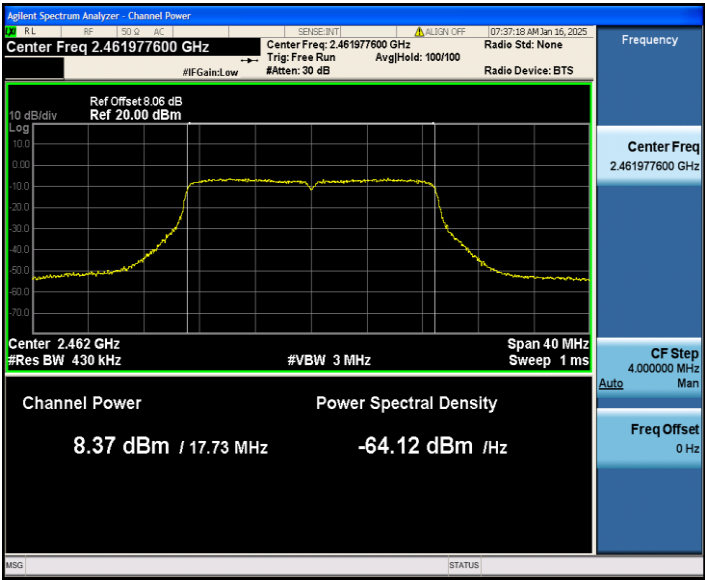
11N20MIMO_Ant1_2412



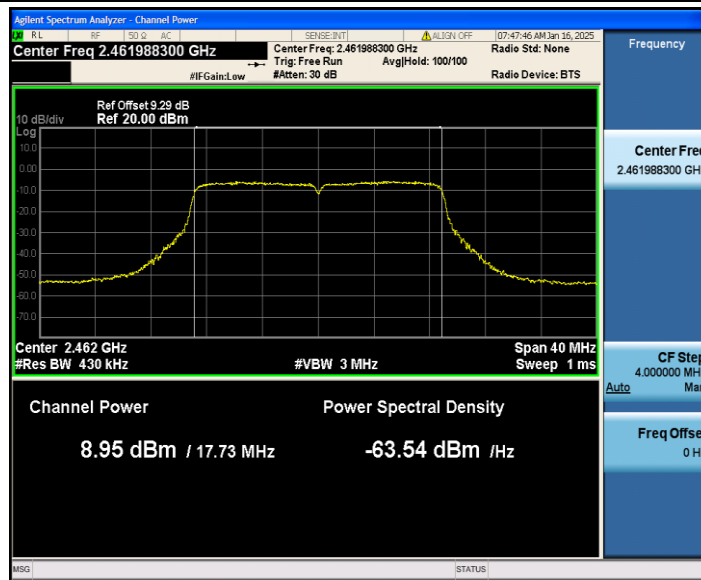
11N20MIMO_Ant2_2437



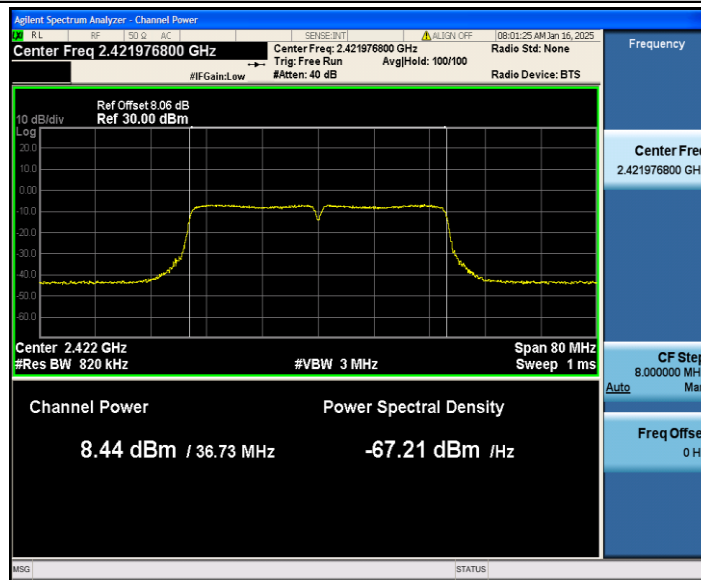
11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



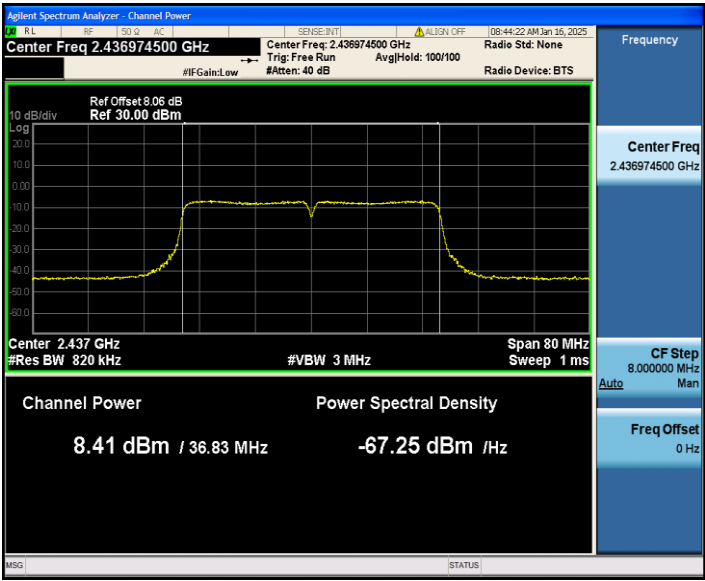
11N40MIMO_Ant1_2422



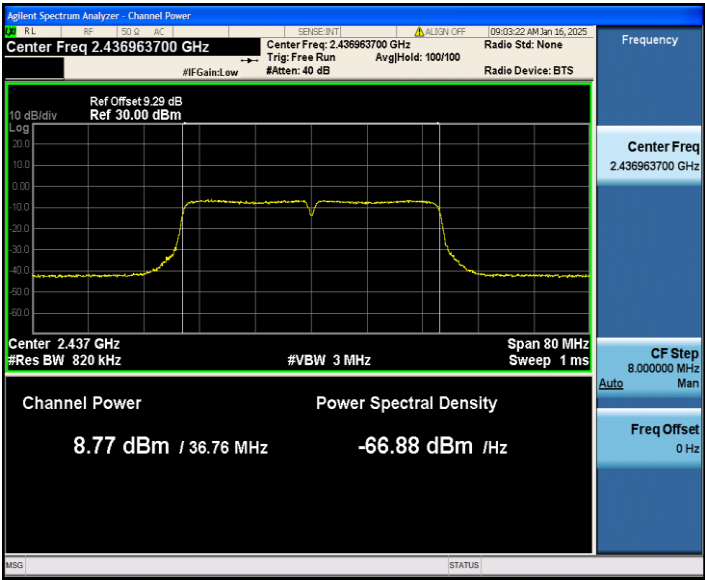
11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452

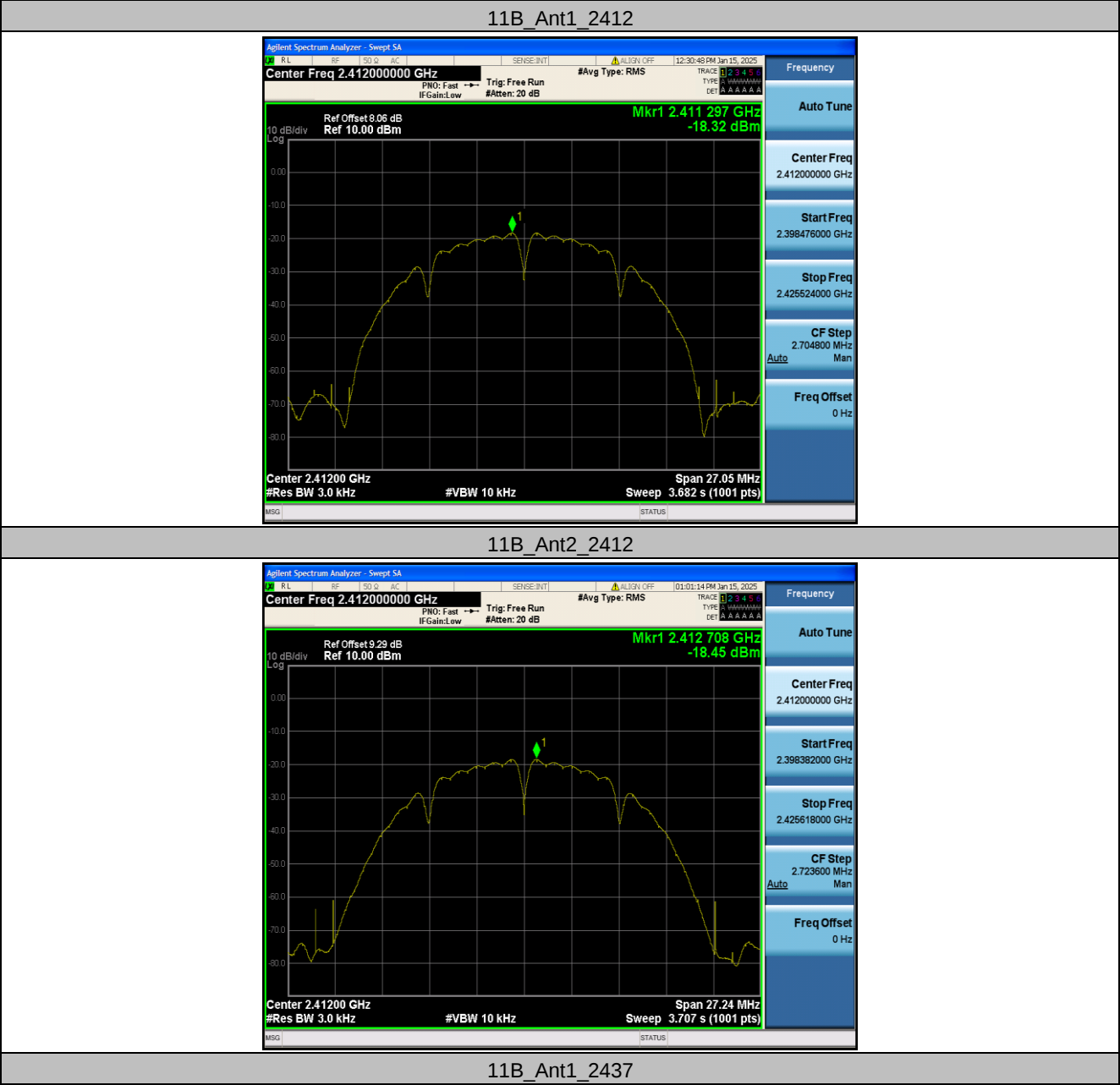


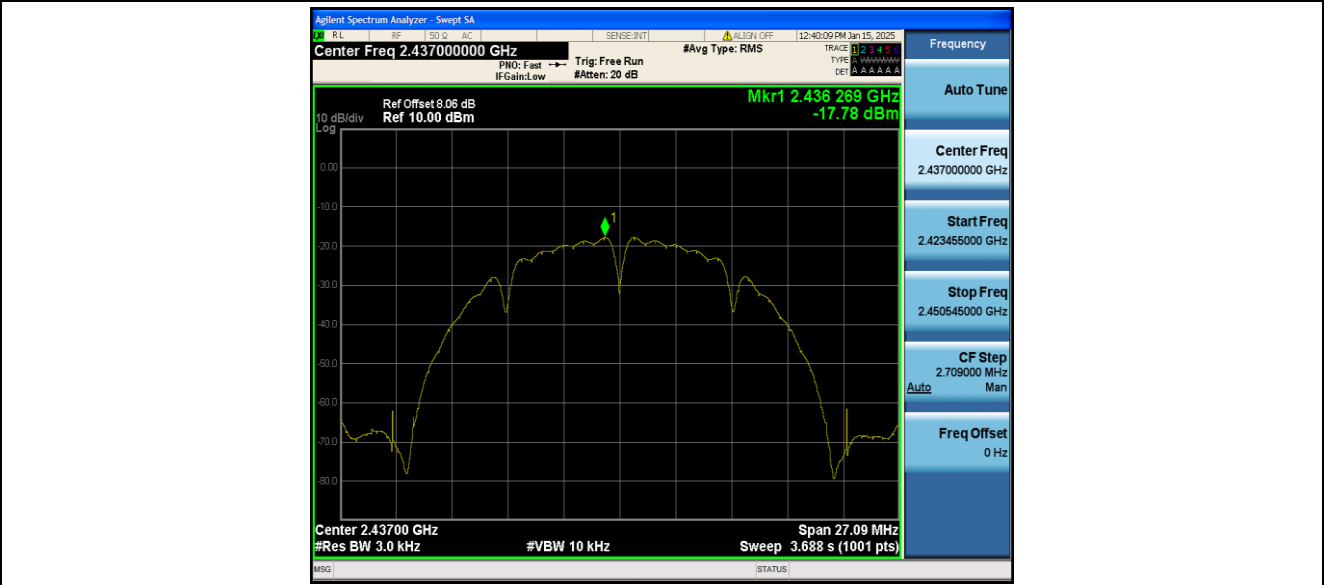
10.4 Appendix D: Maximum power spectral density

10.4.1 Test Result

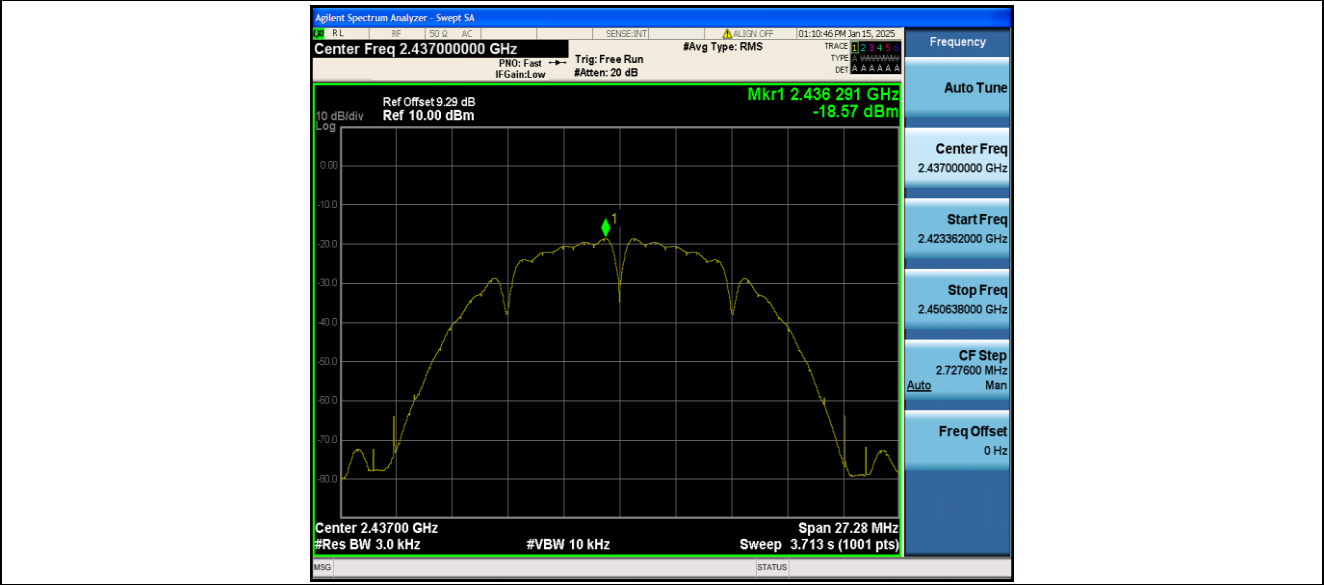
Test Mode	Antenna	Channel	Level [dBm/3-100kHz]	10Log(1/X) Factor [dB]	PSD [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-18.32	0.00	-18.32	≤8.00	PASS
	Ant2	2412	-18.45	0.00	-18.45	≤8.00	PASS
	Ant1	2437	-17.78	0.00	-17.78	≤8.00	PASS
	Ant2	2437	-18.57	0.00	-18.57	≤8.00	PASS
	Ant1	2462	-18.64	0.00	-18.64	≤8.00	PASS
	Ant2	2462	-18.10	0.00	-18.10	≤8.00	PASS
11G	Ant1	2412	-22.42	0.00	-22.42	≤8.00	PASS
	Ant2	2412	-21.50	0.00	-21.50	≤8.00	PASS
	Ant1	2437	-22.35	0.00	-22.35	≤8.00	PASS
	Ant2	2437	-21.81	0.00	-21.81	≤8.00	PASS
	Ant1	2462	-22.63	0.00	-22.63	≤8.00	PASS
	Ant2	2462	-22.13	0.00	-22.13	≤8.00	PASS
11N20MIMO	Ant1	2412	-25.75	0.00	-25.75	≤8.00	PASS
	Ant2	2412	-25.73	0.00	-25.73	≤8.00	PASS
	total	2412	---	---	-22.73	≤7.70	PASS
	Ant1	2437	-26.45	0.00	-26.45	≤8.00	PASS
	Ant2	2437	-26.08	0.00	-26.08	≤8.00	PASS
	total	2437	---	---	-23.25	≤7.70	PASS
	Ant1	2462	-27.23	0.00	-27.23	≤8.00	PASS
	Ant2	2462	-25.87	0.00	-25.87	≤8.00	PASS
	total	2462	---	---	-23.49	≤7.70	PASS
11N40MIMO	Ant1	2422	-30.33	0.00	-30.33	≤8.00	PASS
	Ant2	2422	-29.47	0.00	-29.47	≤8.00	PASS
	total	2422	---	---	-26.87	≤7.70	PASS
	Ant1	2437	-30.70	0.00	-30.70	≤8.00	PASS
	Ant2	2437	-29.59	0.00	-29.59	≤8.00	PASS
	total	2437	---	---	-27.10	≤7.70	PASS
	Ant1	2452	-30.81	0.00	-30.81	≤8.00	PASS
	Ant2	2452	-29.92	0.00	-29.92	≤8.00	PASS
	total	2452	---	---	-27.33	≤7.70	PASS

10.4.2 Test Graphs

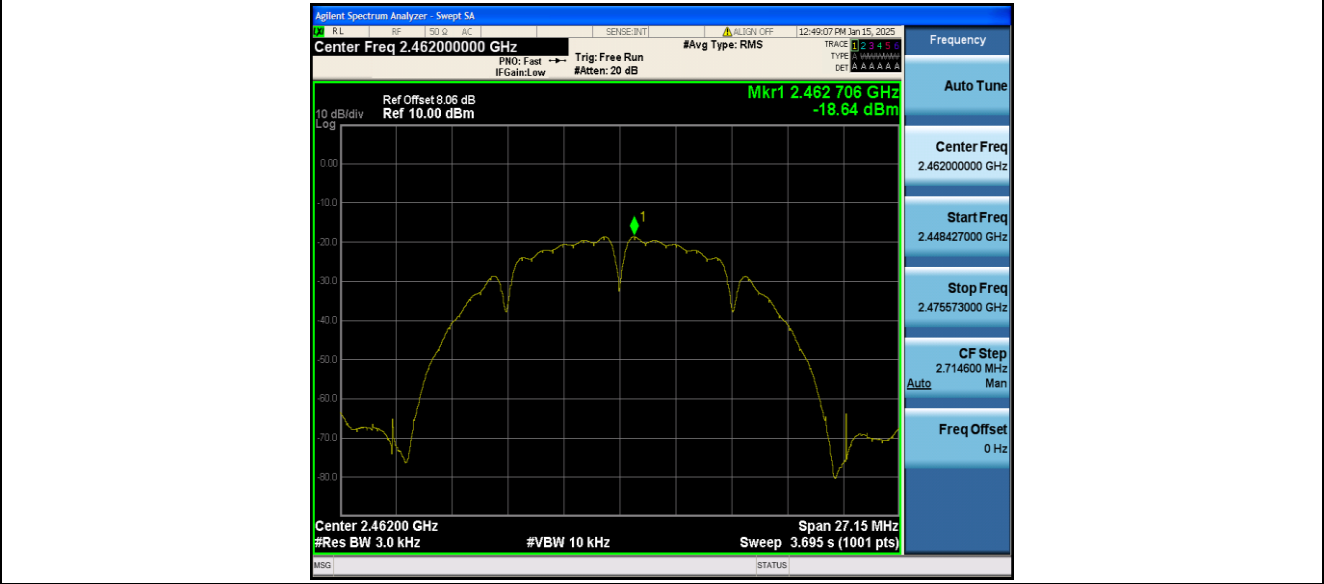




11B_Ant2_2437



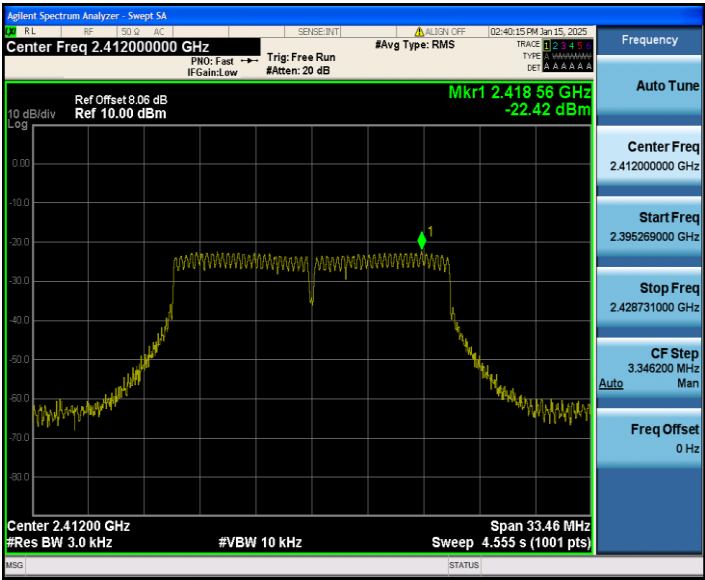
11B_Ant1_2462



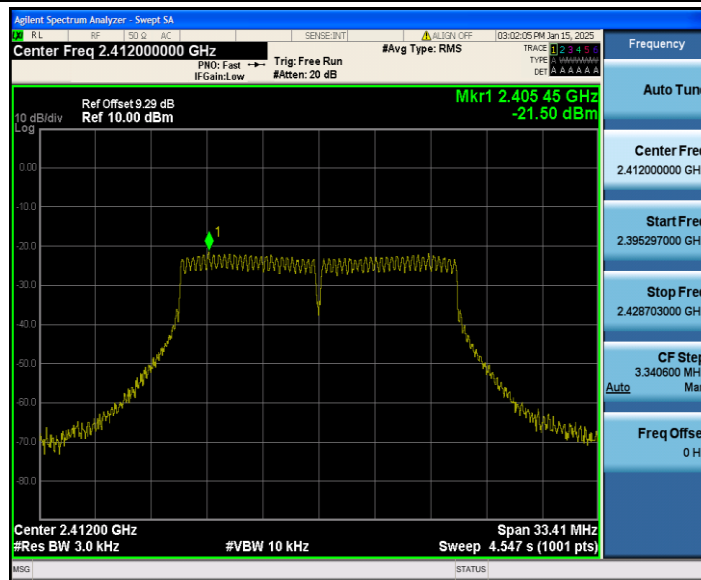
11B_Ant2_2462



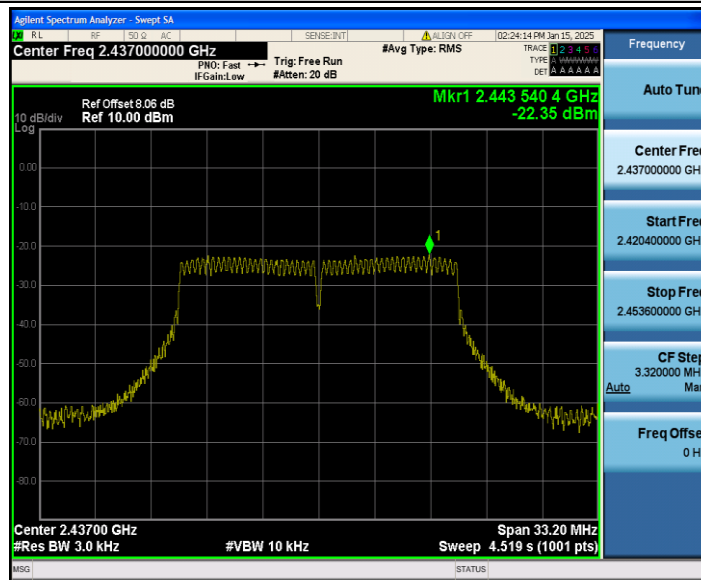
11G_Ant1_2412



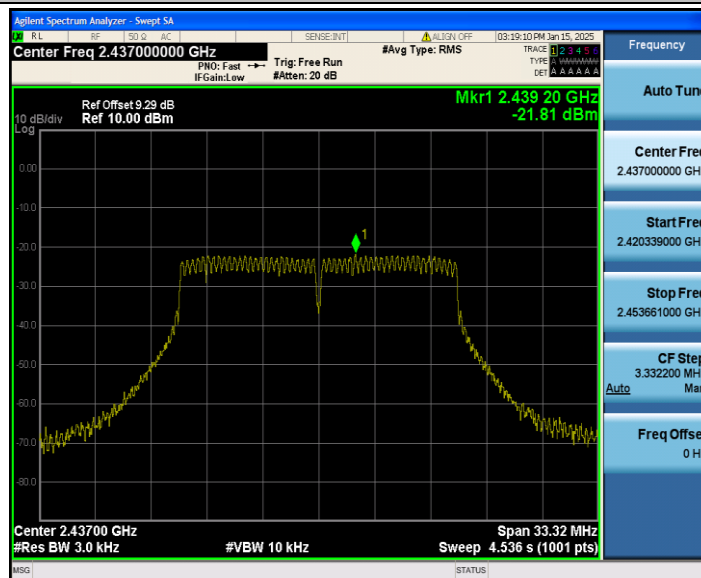
11G_Ant2_2412



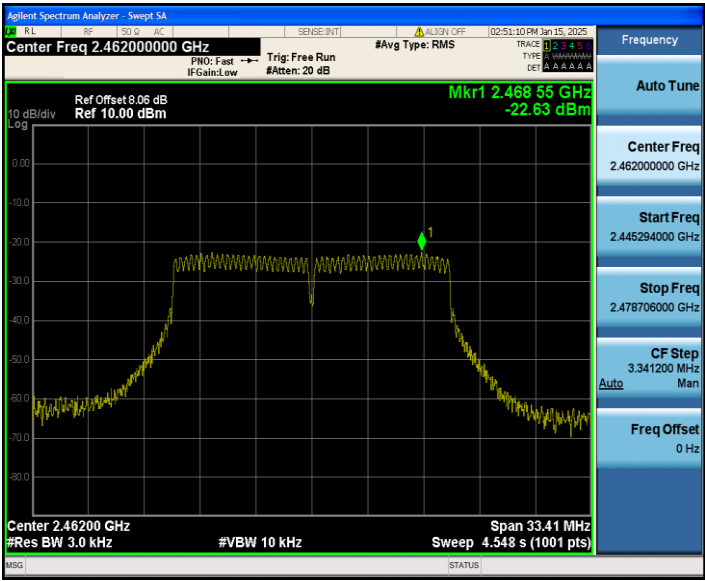
11G_Ant1_2437



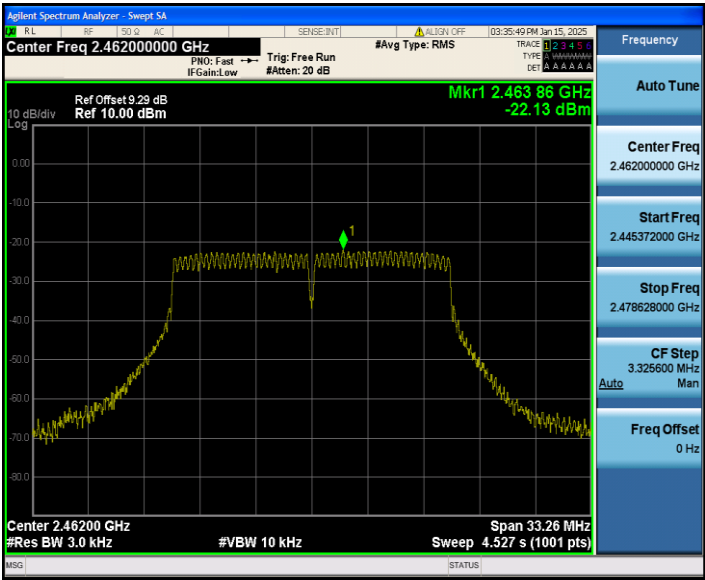
11G_Ant2_2437



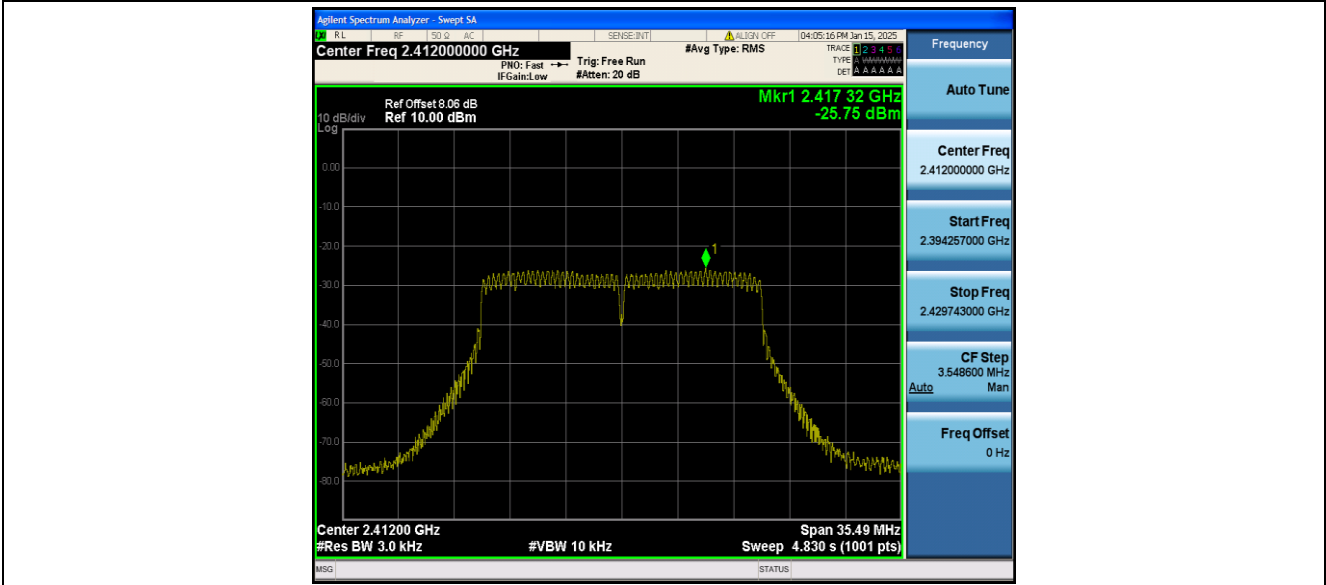
11G_Ant1_2462



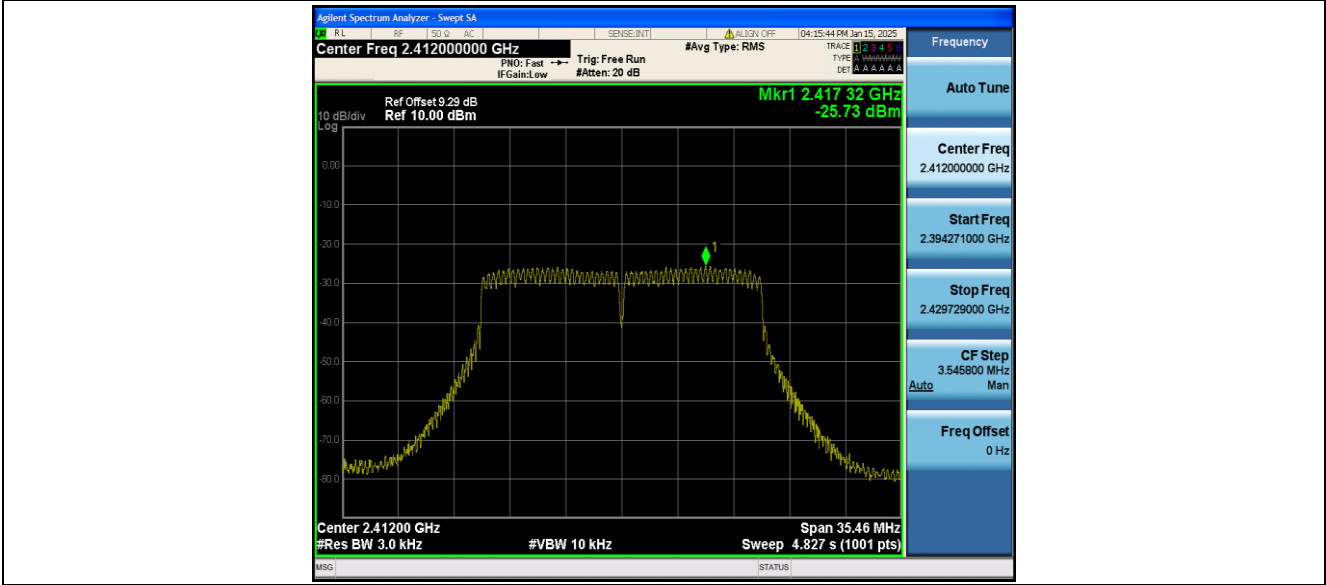
11G_Ant2_2462



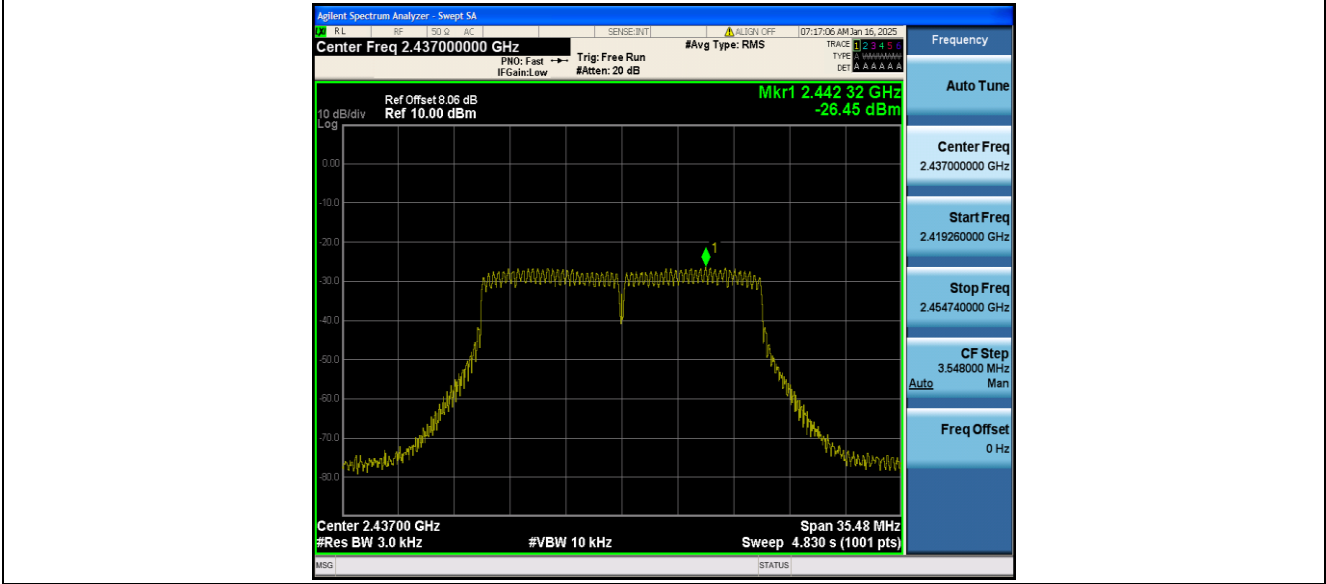
11N20MIMO_Ant1_2412



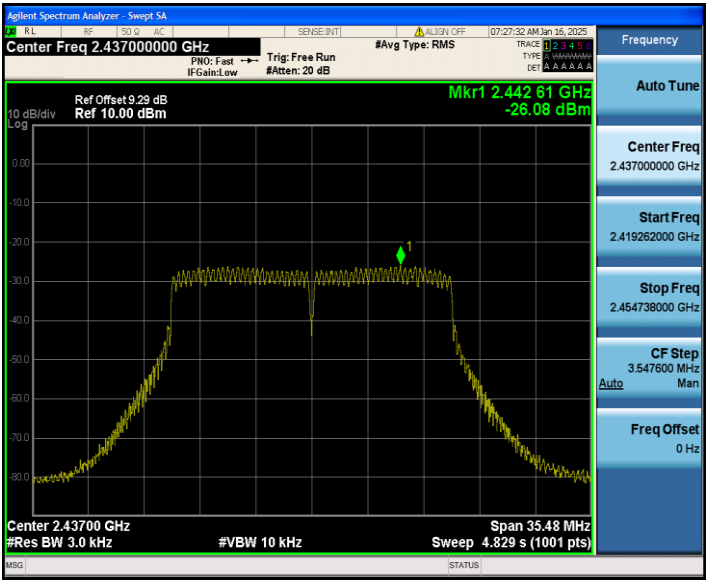
11N20MIMO_Ant2_2412



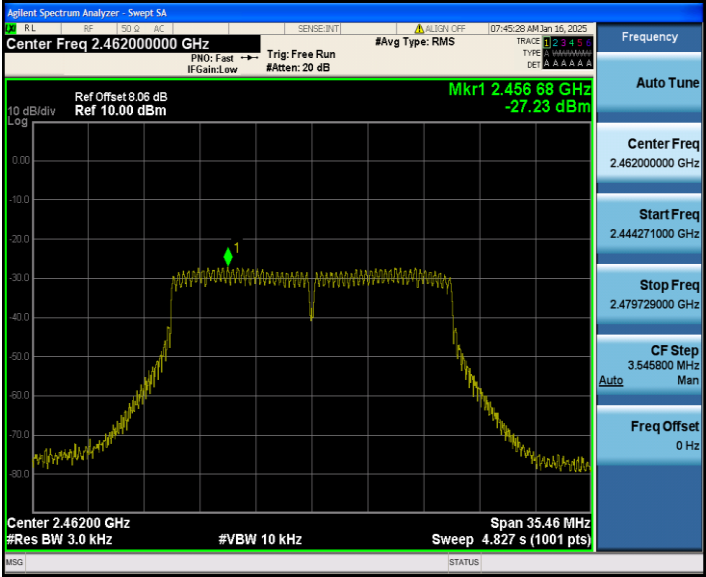
11N20MIMO_Ant1_2437



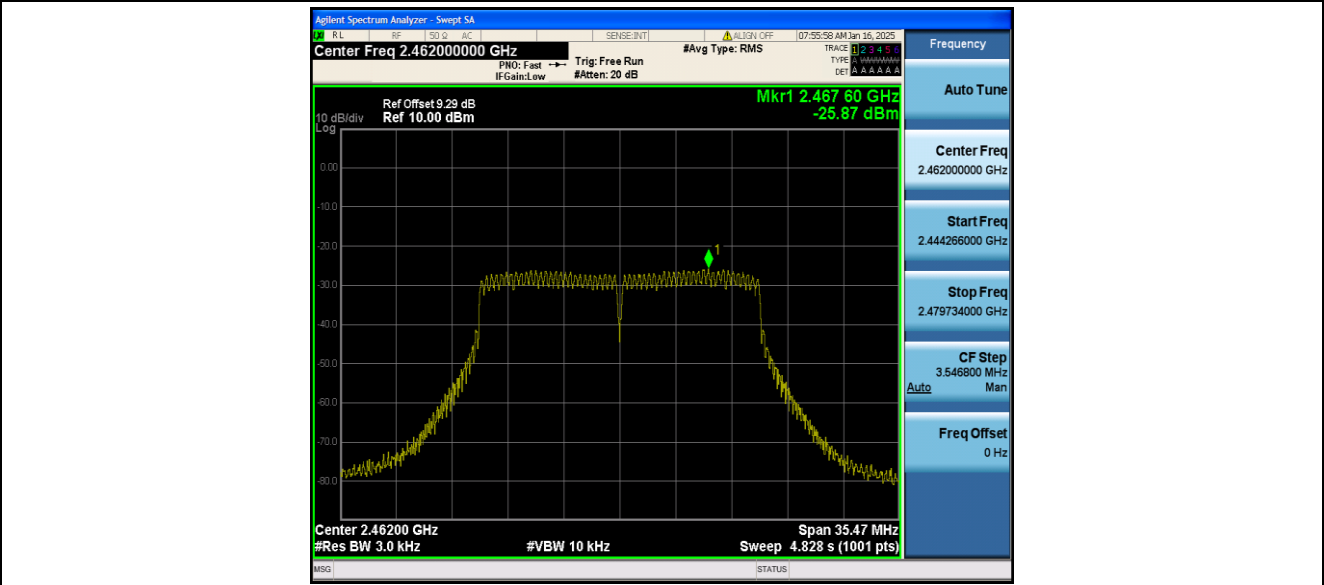
11N20MIMO_Ant2_2437



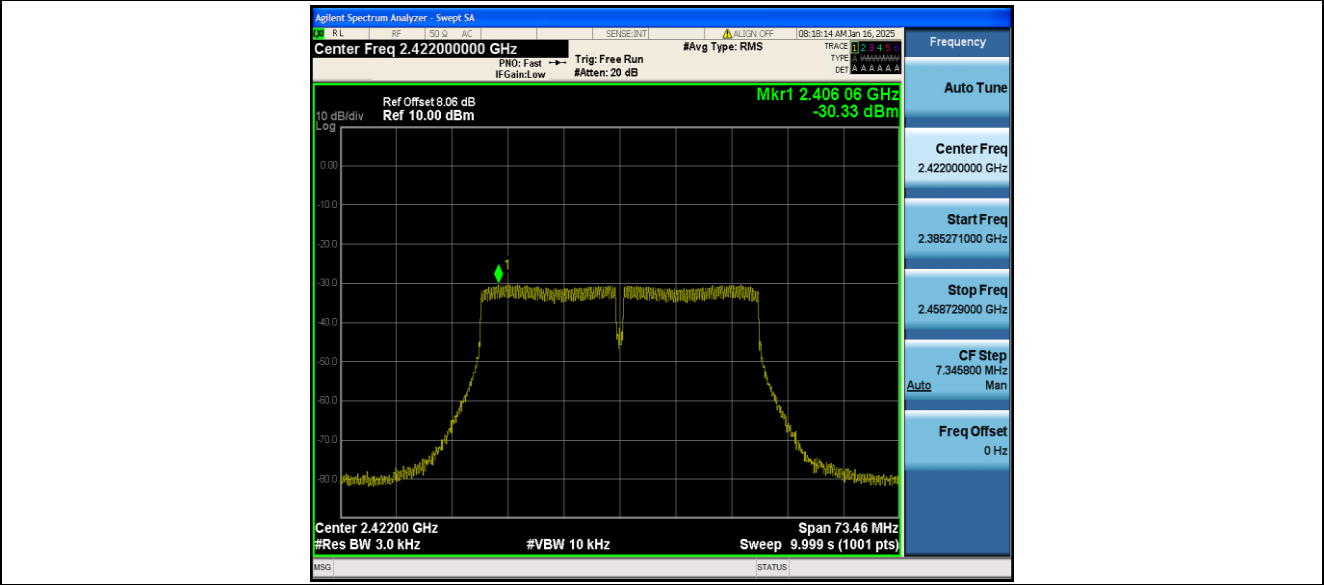
11N20MIMO_Ant1_2462



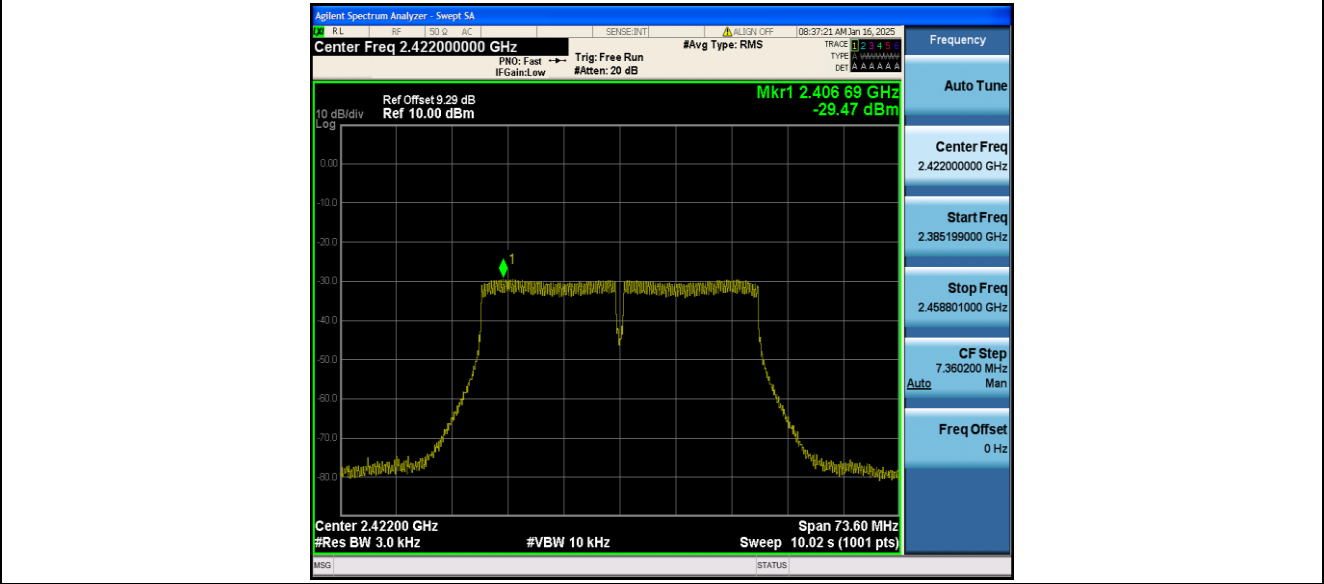
11N20MIMO_Ant2_2462



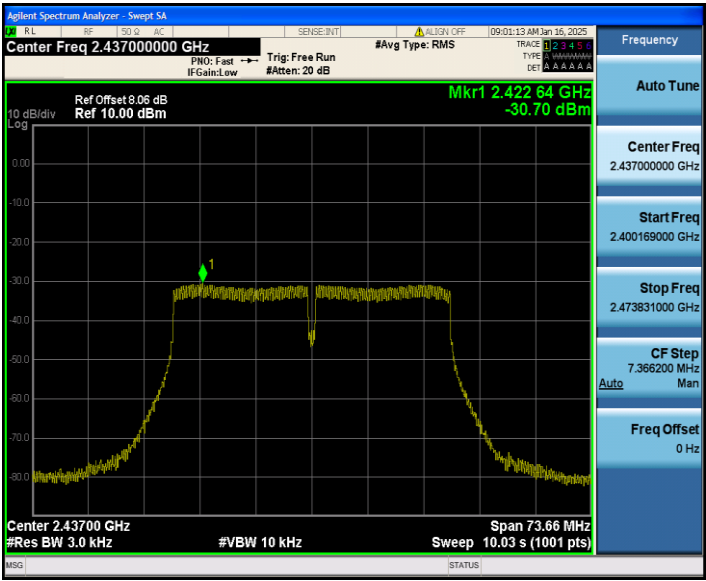
11N40MIMO_Ant1_2422



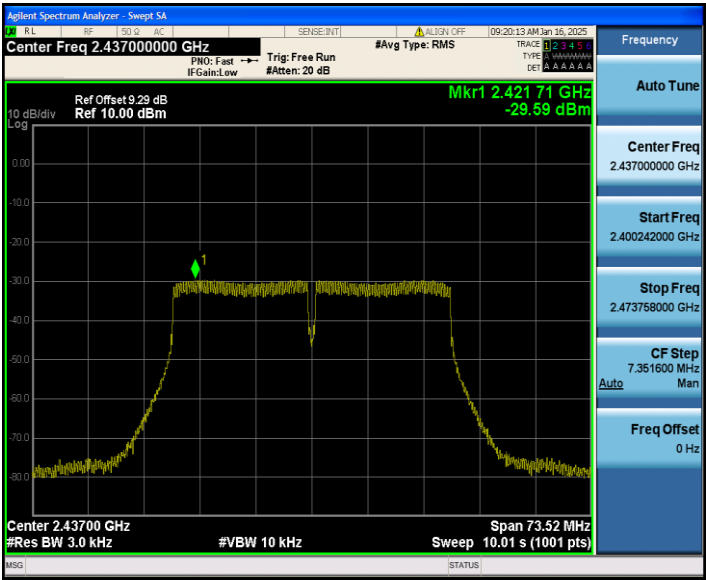
11N40MIMO_Ant2_2422



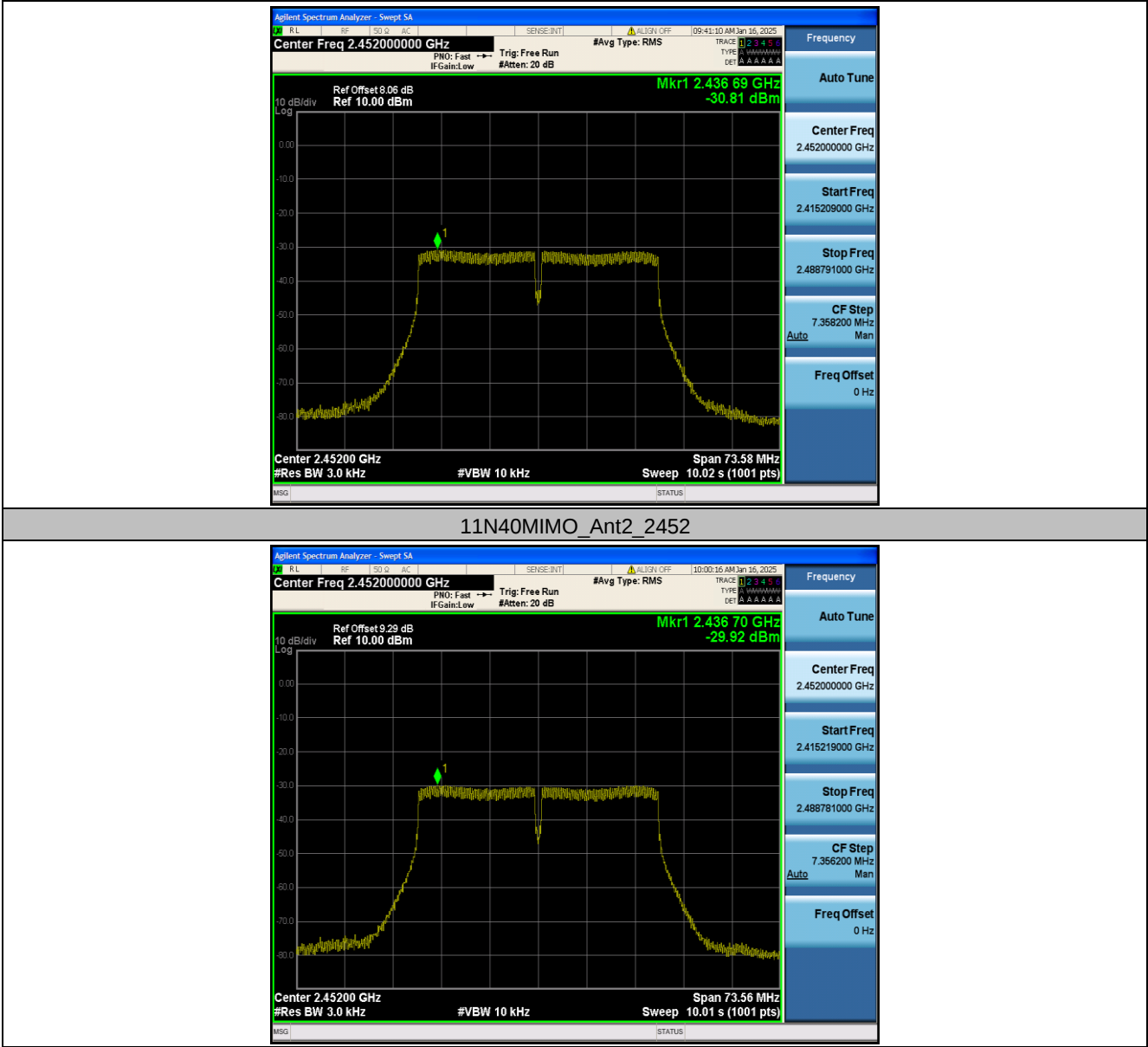
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



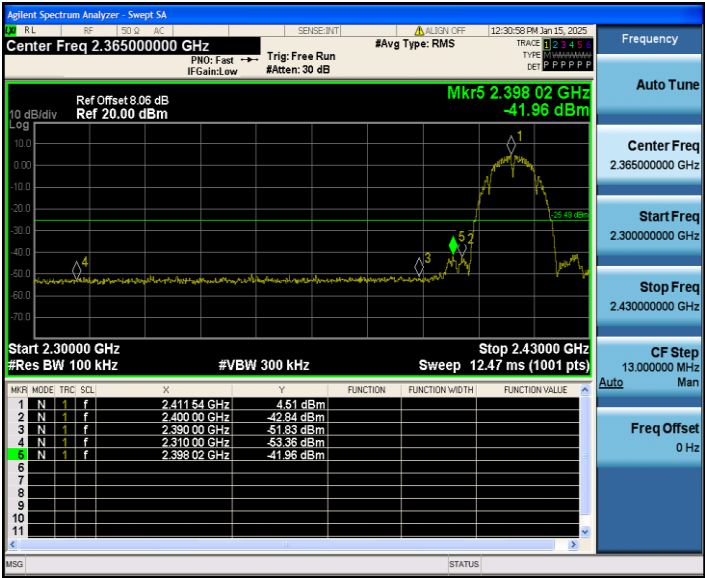
10.5 Appendix E: Band edge measurements

10.5.1 Test Result

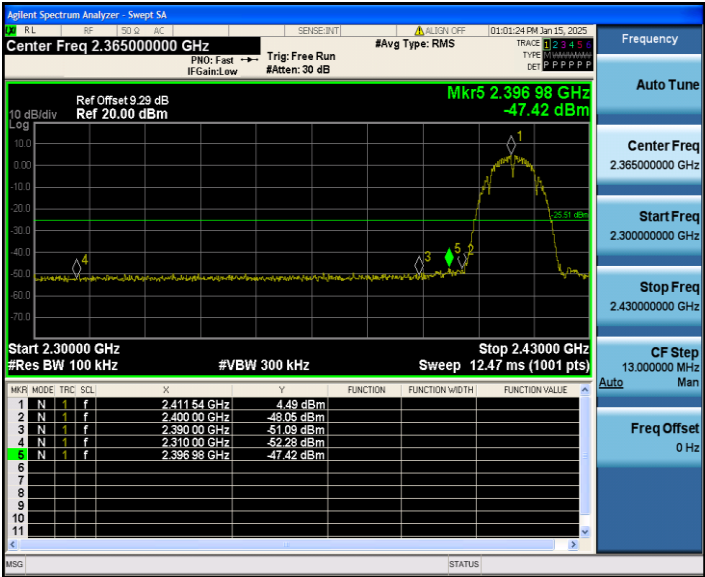
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.51	-41.96	≤-25.49	PASS
	Ant2	Low	2412	4.49	-47.42	≤-25.51	PASS
	Ant1	High	2462	4.06	-50.08	≤-25.94	PASS
	Ant2	High	2462	4.84	-49.02	≤-25.16	PASS
11G	Ant1	Low	2412	-1.82	-33.55	≤-31.82	PASS
	Ant2	Low	2412	-1.27	-33.19	≤-31.27	PASS
	Ant1	High	2462	-2.35	-47.9	≤-32.35	PASS
	Ant2	High	2462	-1.45	-47.88	≤-31.45	PASS
11N20MIMO	Ant1	Low	2412	-4.89	-41.22	≤-34.89	PASS
	Ant2	Low	2412	-4.39	-40.09	≤-34.39	PASS
	Ant1	High	2462	-5.92	-41.52	≤-35.92	PASS
	Ant2	High	2462	-4.75	-49.46	≤-34.75	PASS
11N40MIMO	Ant1	Low	2422	-9.56	-42.38	≤-39.56	PASS
	Ant2	Low	2422	-8.59	-40.52	≤-38.59	PASS
	Ant1	High	2452	-10.18	-49.71	≤-40.18	PASS
	Ant2	High	2452	-9.31	-48.19	≤-39.31	PASS

10.5.2 Test Graphs

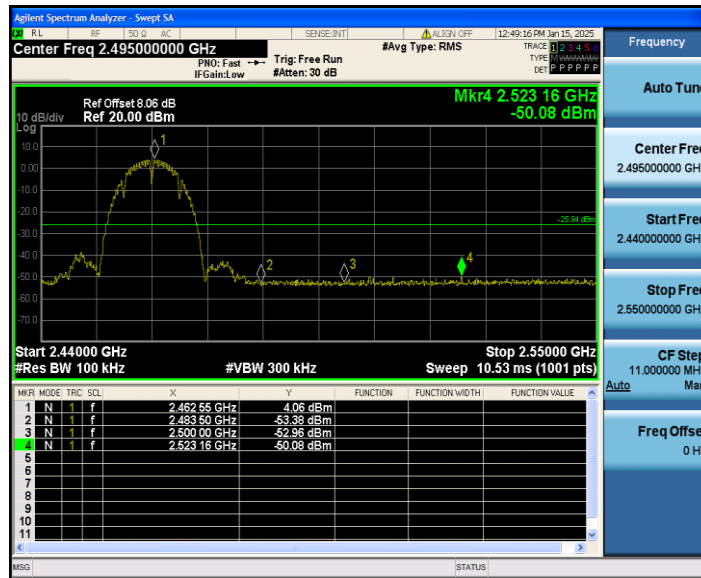
11B_Ant1_Low_2412



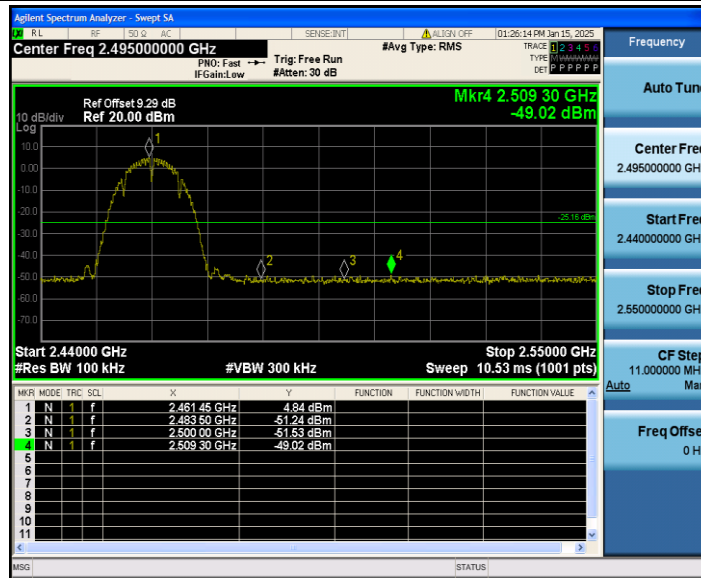
11B_Ant2_Low_2412



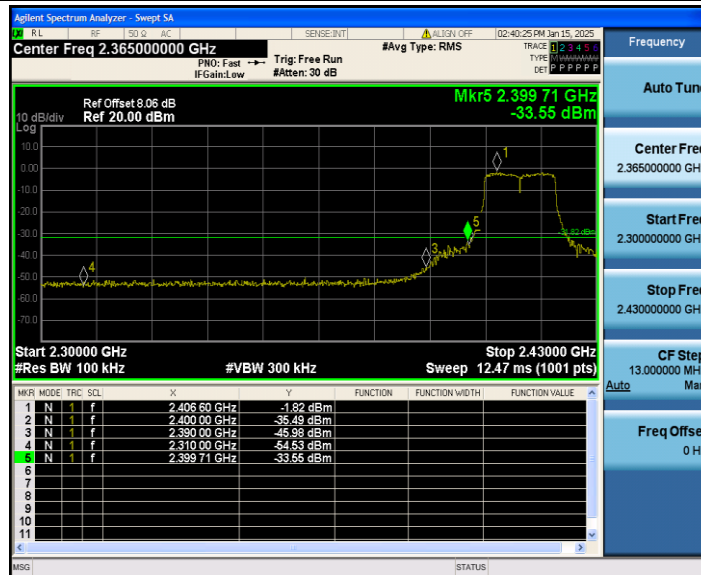
11B_Ant1_High_2462



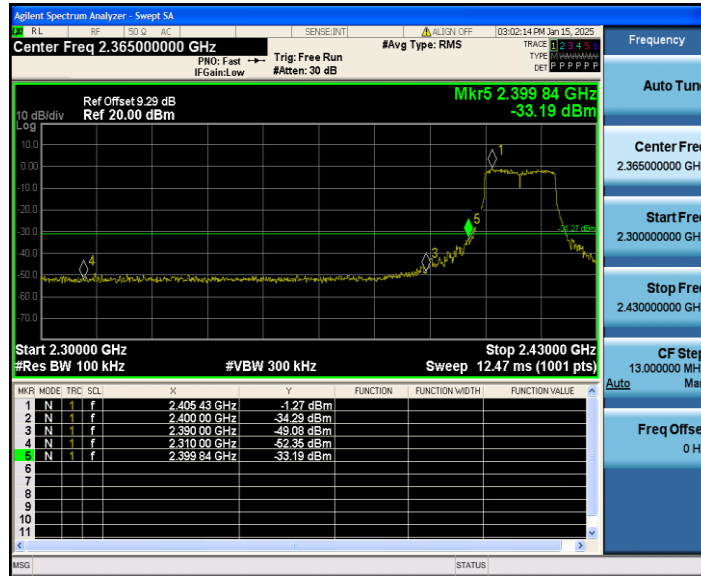
11B_Ant2_High_2462



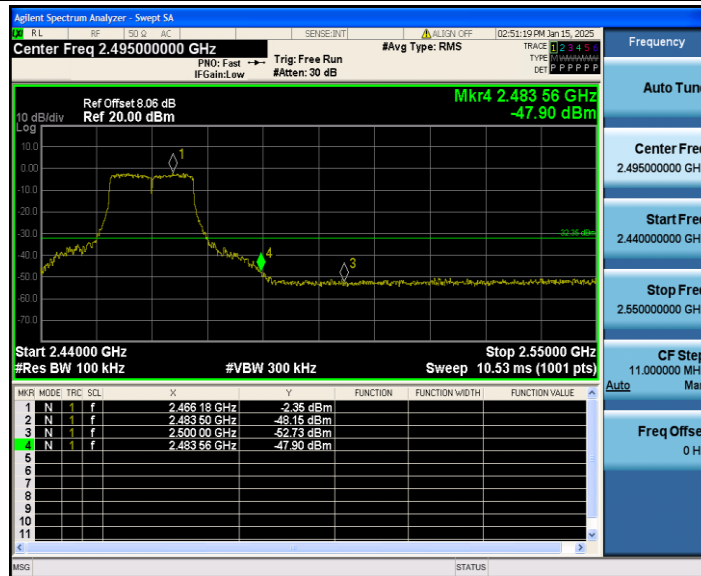
11G_Ant1_Low_2412



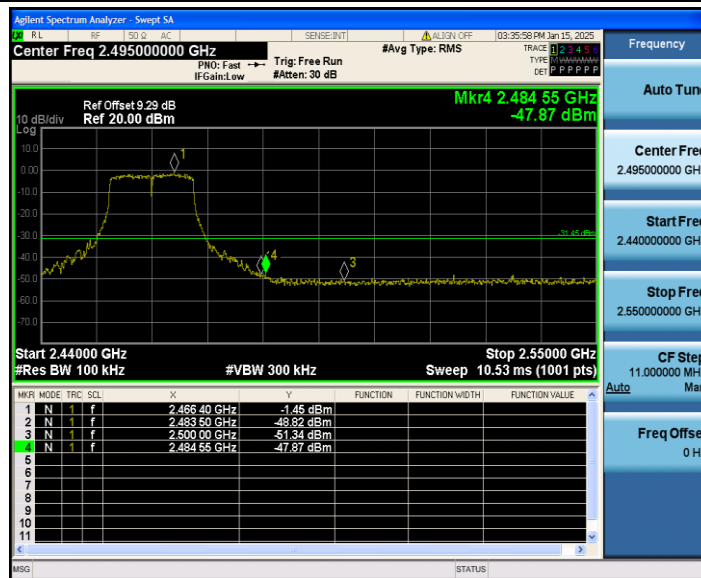
11G_Ant2_Low_2412



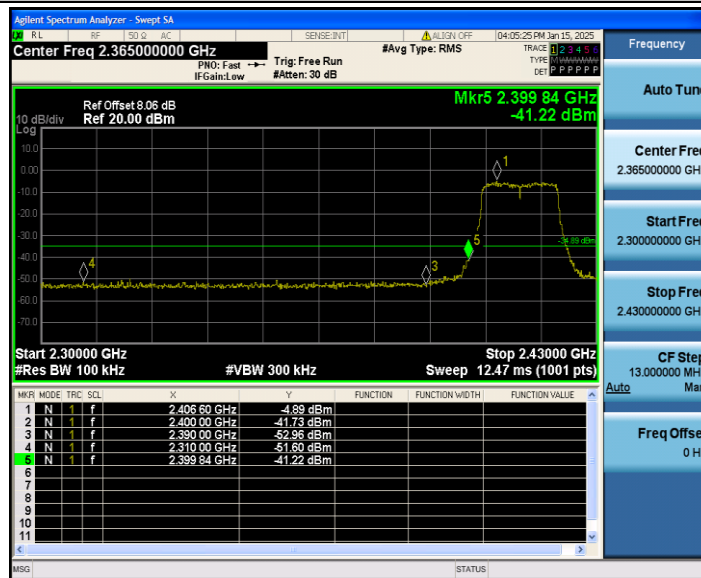
11G_Ant1_High_2462



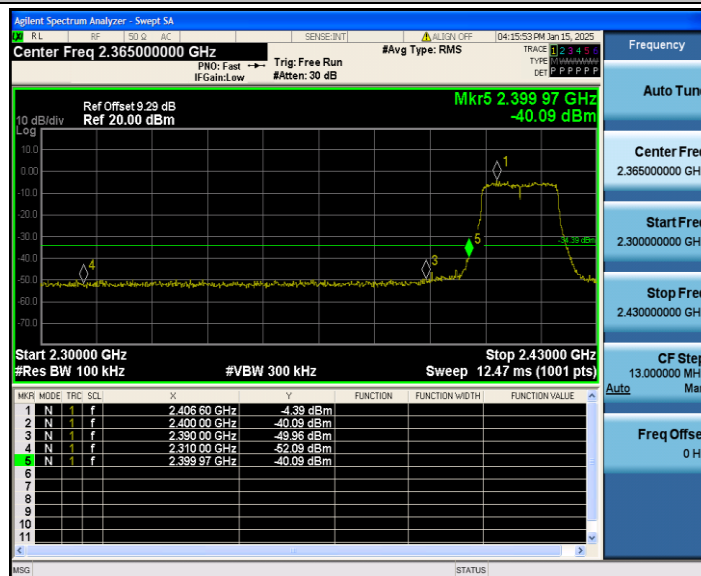
11G_Ant2_High_2462



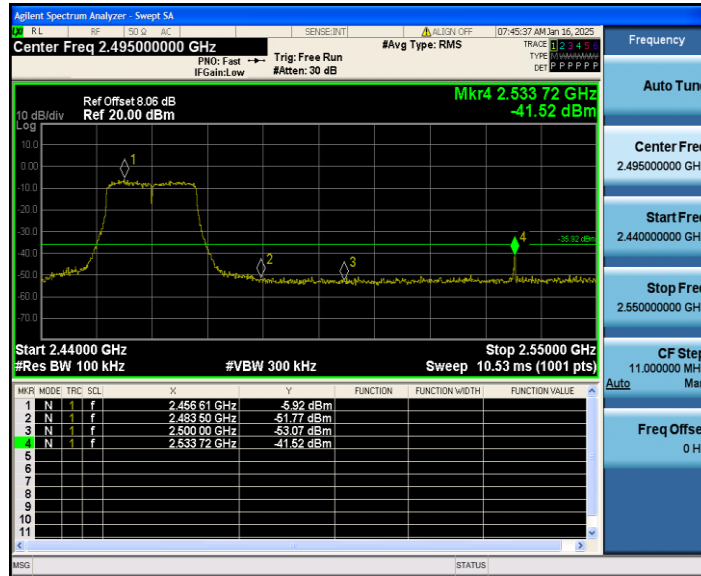
11N20MIMO_Ant1_Low_2412



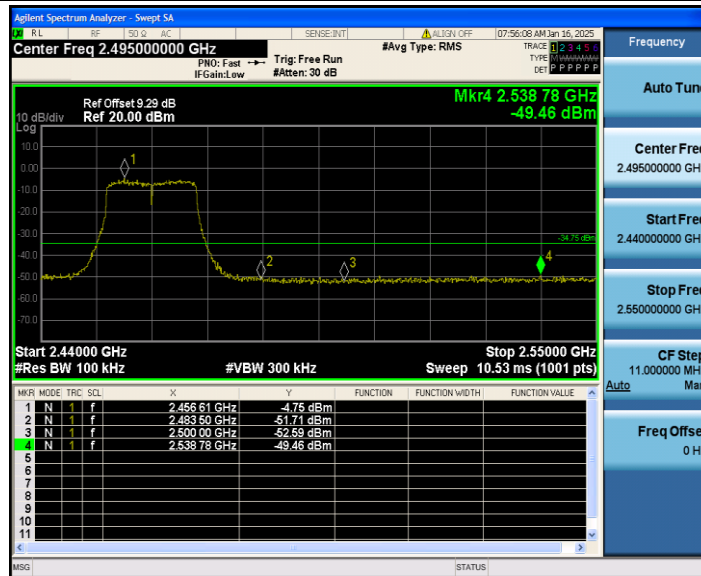
11N20MIMO_Ant2_Low_2412



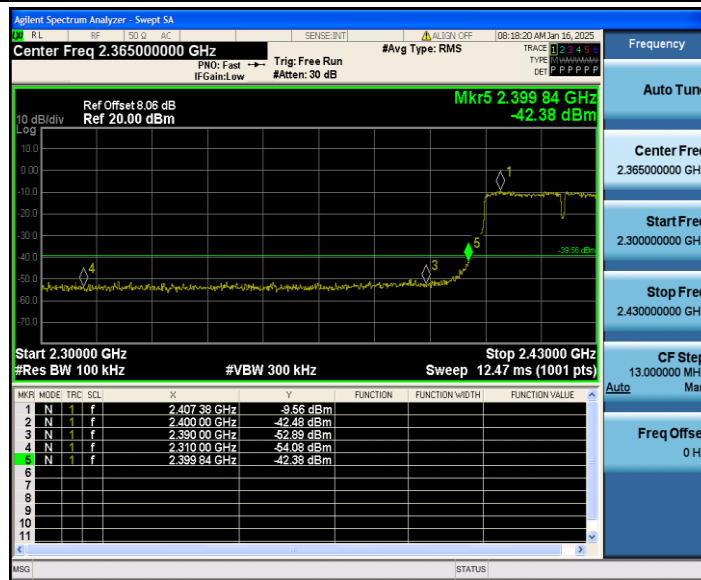
11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462



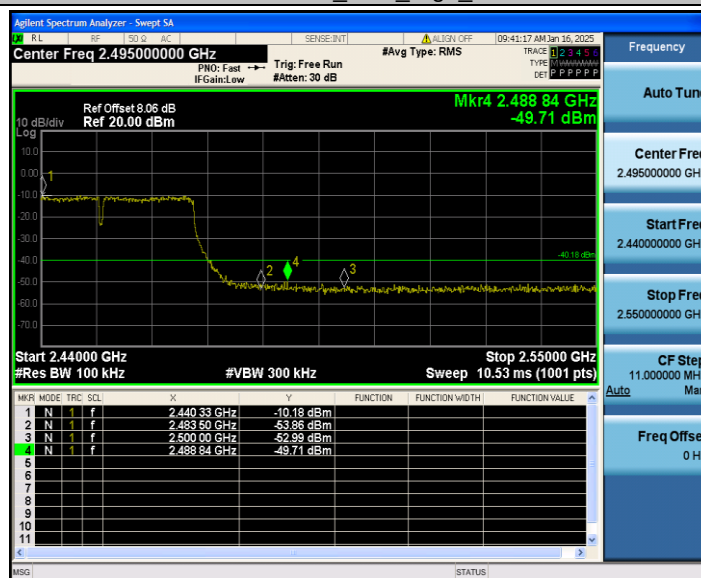
11N40MIMO_Ant1_Low_2422



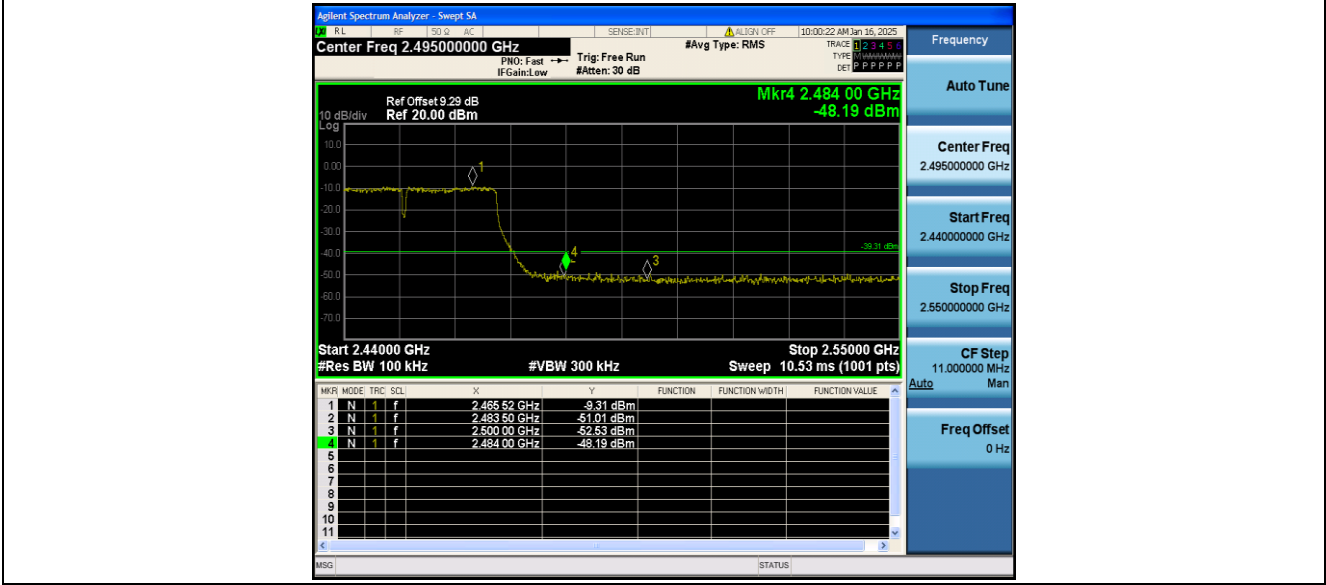
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



10.6 Appendix F: Conducted Spurious Emission

10.6.1 Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-61.33	≤-25.65	PASS
			1000~26500	4.35	-42.95	≤-25.65	PASS
	Ant2	2412	Reference	3.74	3.74	---	PASS
			30~1000	3.74	-60.35	≤-26.26	PASS
			1000~26500	3.74	-42.62	≤-26.26	PASS
	Ant1	2437	Reference	4.87	4.87	---	PASS
			30~1000	4.87	-61.72	≤-25.13	PASS
			1000~26500	4.87	-44.13	≤-25.13	PASS
	Ant2	2437	Reference	3.42	3.42	---	PASS
			30~1000	3.42	-59.64	≤-26.58	PASS
			1000~26500	3.42	-42.14	≤-26.58	PASS
	Ant1	2462	Reference	3.62	3.62	---	PASS
			30~1000	3.62	-61.48	≤-26.38	PASS
			1000~26500	3.62	-43.66	≤-26.38	PASS
	Ant2	2462	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-60.09	≤-25.46	PASS
			1000~26500	4.54	-42.81	≤-25.46	PASS
11G	Ant1	2412	Reference	-2.23	-2.23	---	PASS
			30~1000	-2.23	-61.75	≤-32.23	PASS
			1000~26500	-2.23	-44.24	≤-32.23	PASS
	Ant2	2412	Reference	-1.54	-1.54	---	PASS
			30~1000	-1.54	-60.45	≤-31.54	PASS
			1000~26500	-1.54	-42.68	≤-31.54	PASS
	Ant1	2437	Reference	-2.16	-2.16	---	PASS
			30~1000	-2.16	-59.36	≤-32.16	PASS
			1000~26500	-2.16	-43.07	≤-32.16	PASS
	Ant2	2437	Reference	-1.74	-1.74	---	PASS
			30~1000	-1.74	-60.28	≤-31.74	PASS
			1000~26500	-1.74	-42.82	≤-31.74	PASS
	Ant1	2462	Reference	-2.65	-2.65	---	PASS
			30~1000	-2.65	-61.51	≤-32.65	PASS
			1000~26500	-2.65	-44.25	≤-32.65	PASS
	Ant2	2462	Reference	-2.18	-2.18	---	PASS
			30~1000	-2.18	-60.41	≤-32.18	PASS
			1000~26500	-2.18	-43.14	≤-32.18	PASS
11N20MIMO	Ant1	2412	Reference	-5.98	-5.98	---	PASS
			30~1000	-5.98	-61.72	≤-35.98	PASS
			1000~26500	-5.98	-42.76	≤-35.98	PASS
	Ant2	2412	Reference	-5.03	-5.03	---	PASS
			30~1000	-5.03	-60.31	≤-35.03	PASS
			1000~26500	-5.03	-42.42	≤-35.03	PASS
	Ant1	2437	Reference	-5.99	-5.99	---	PASS
			30~1000	-5.99	-61.78	≤-35.99	PASS

	Ant2	2437	1000~26500	-5.99	-43.43	≤ -35.99	PASS
			Reference	-6.23	-6.23	---	PASS
			30~1000	-6.23	-60.56	≤ -36.23	PASS
			1000~26500	-6.23	-42.23	≤ -36.23	PASS
	Ant1	2462	Reference	-6.73	-6.73	---	PASS
			30~1000	-6.73	-62.13	≤ -36.73	PASS
			1000~26500	-6.73	-43.92	≤ -36.73	PASS
	Ant2	2462	Reference	-5.77	-5.77	---	PASS
			30~1000	-5.77	-59.57	≤ -35.77	PASS
			1000~26500	-5.77	-42.84	≤ -35.77	PASS
11N40MIMO	Ant1	2422	Reference	-9.96	-9.96	---	PASS
			30~1000	-9.96	-61.49	≤ -39.96	PASS
			1000~26500	-9.96	-44.1	≤ -39.96	PASS
	Ant2	2422	Reference	-8.93	-8.93	---	PASS
			30~1000	-8.93	-60.58	≤ -38.93	PASS
			1000~26500	-8.93	-43.12	≤ -38.93	PASS
	Ant1	2437	Reference	-9.87	-9.87	---	PASS
			30~1000	-9.87	-61.57	≤ -39.87	PASS
			1000~26500	-9.87	-44.18	≤ -39.87	PASS
	Ant2	2437	Reference	-9.09	-9.09	---	PASS
			30~1000	-9.09	-60.38	≤ -39.09	PASS
			1000~26500	-9.09	-42.99	≤ -39.09	PASS
	Ant1	2452	Reference	-10.22	-10.22	---	PASS
			30~1000	-10.22	-61.63	≤ -40.22	PASS
			1000~26500	-10.22	-44.19	≤ -40.22	PASS
	Ant2	2452	Reference	-9.30	-9.30	---	PASS
			30~1000	-9.30	-59.59	≤ -39.3	PASS
			1000~26500	-9.30	-43.19	≤ -39.3	PASS

10.6.2 Test Graphs

