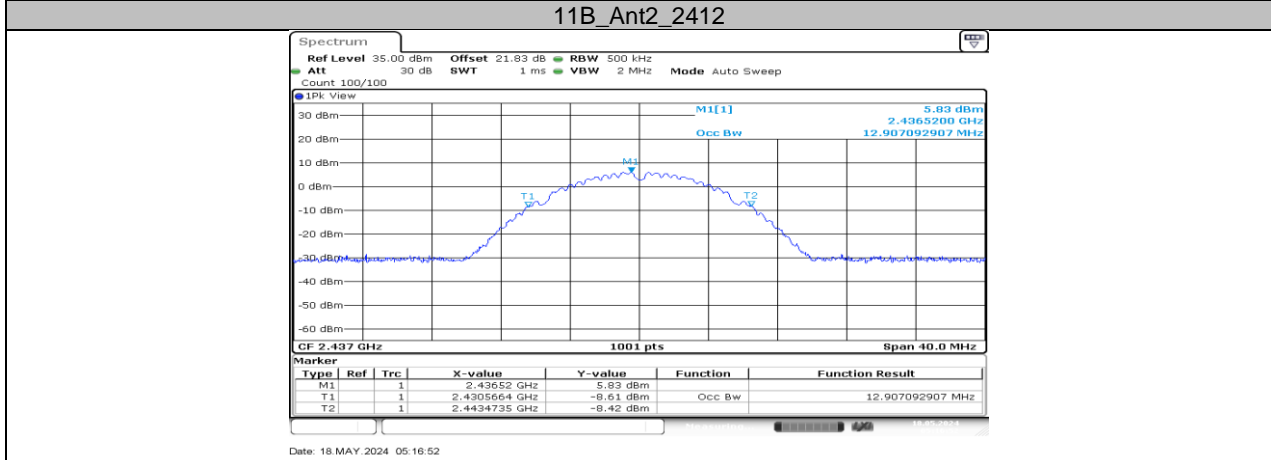
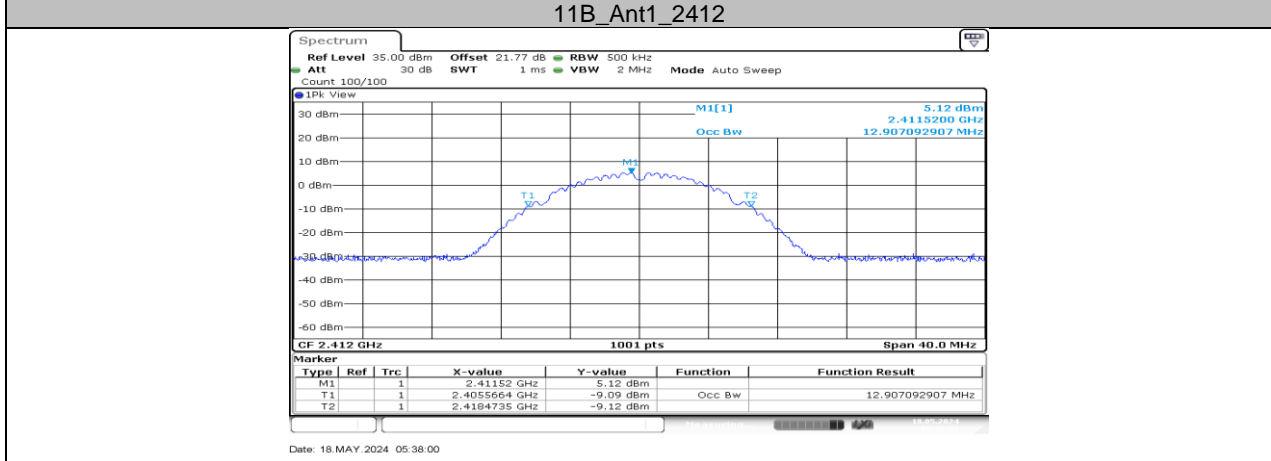
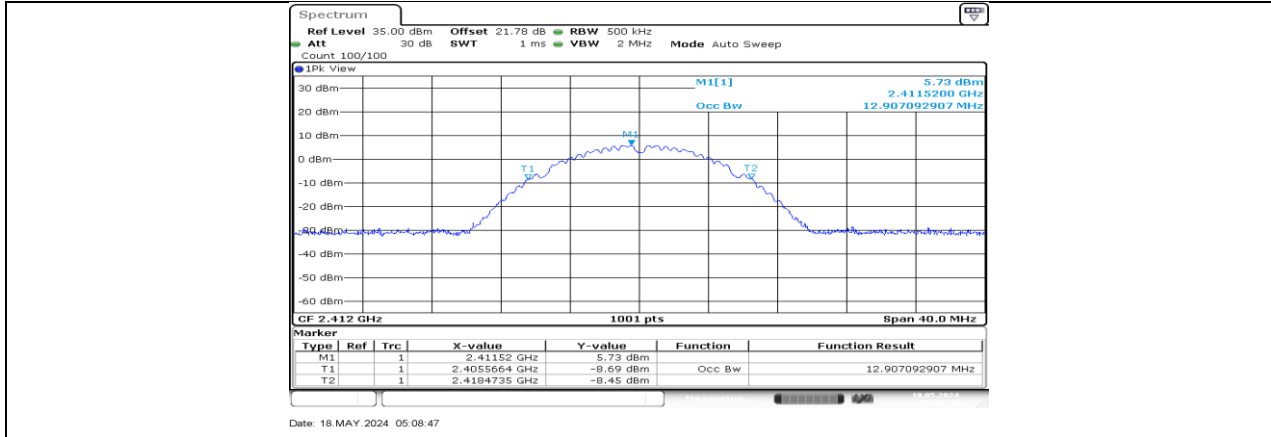


11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

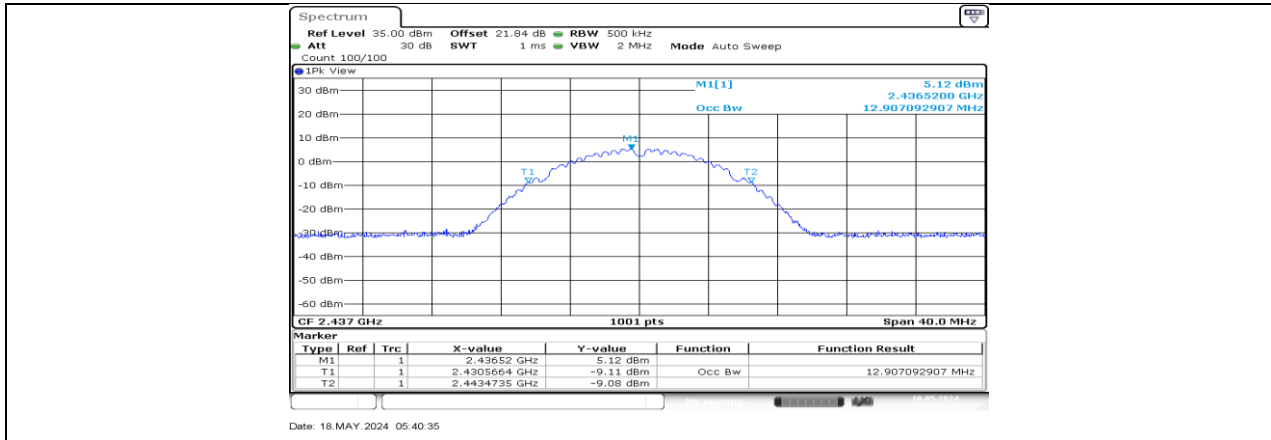
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.907	2405.5664	2418.4735
	Ant2	2412	12.907	2405.5664	2418.4735
	Ant1	2437	12.907	2430.5664	2443.4735
	Ant2	2437	12.907	2430.5664	2443.4735
	Ant1	2462	12.867	2455.6064	2468.4735
	Ant2	2462	12.947	2455.5265	2468.4735
11G	Ant1	2412	17.063	2403.4486	2420.5115
	Ant2	2412	17.143	2403.4486	2420.5914
	Ant1	2437	18.701	2427.5694	2446.2707
	Ant2	2437	18.701	2427.5694	2446.2707
	Ant1	2462	18.741	2452.5694	2471.3107
	Ant2	2462	18.781	2452.5295	2471.3107
11N20MIMO	Ant1	2412	17.942	2403.0490	2420.9910
	Ant2	2412	17.702	2403.1688	2420.8711
	Ant1	2437	19.62	2427.1299	2446.7502
	Ant2	2437	18.501	2427.7692	2446.2707
	Ant1	2462	19.58	2452.1698	2471.7502
	Ant2	2462	18.541	2452.7293	2471.2707
11N40MIMO	Ant1	2422	36.364	2403.8581	2440.2218
	Ant2	2422	36.284	2403.8581	2440.1419
	Ant1	2437	36.284	2418.8581	2455.1419
	Ant2	2437	36.284	2418.8581	2455.1419
	Ant1	2452	36.364	2433.8581	2470.2218
	Ant2	2452	36.364	2433.8581	2470.2218
11AX20MIMO	Ant1	2412	18.861	2402.5694	2421.4306
	Ant2	2412	18.821	2402.6094	2421.4306
	Ant1	2437	19.261	2427.4096	2446.6703
	Ant2	2437	19.261	2427.3696	2446.6304
	Ant1	2462	19.221	2452.4096	2471.6304
	Ant2	2462	19.221	2452.4096	2471.6304
11AX40MIMO	Ant1	2422	37.722	2403.1389	2440.8611
	Ant2	2422	37.802	2403.1389	2440.9411
	Ant1	2437	37.802	2418.1389	2455.9411
	Ant2	2437	37.802	2418.1389	2455.9411
	Ant1	2452	37.802	2433.1389	2470.9411
	Ant2	2452	37.802	2433.1389	2470.9411

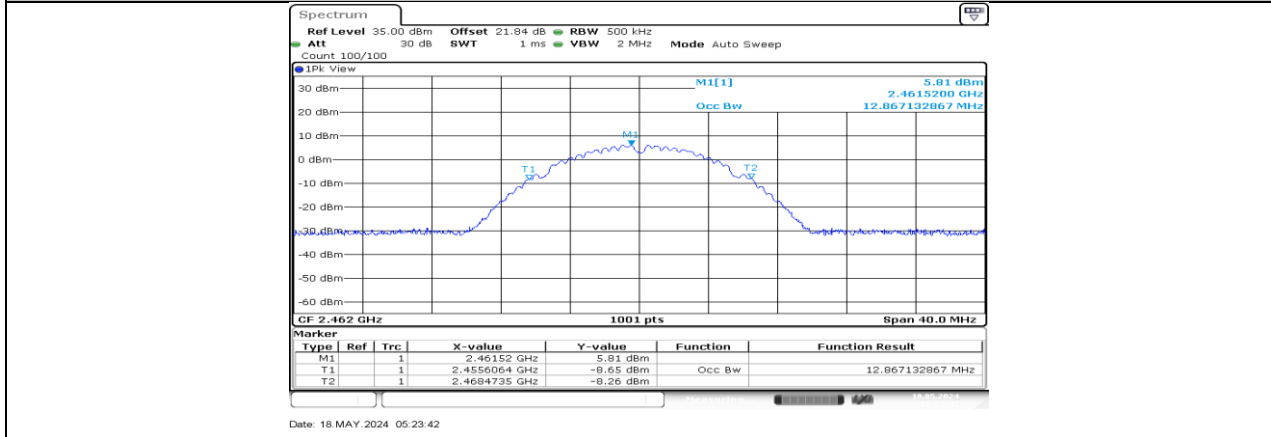
11.2.2. Test Graphs



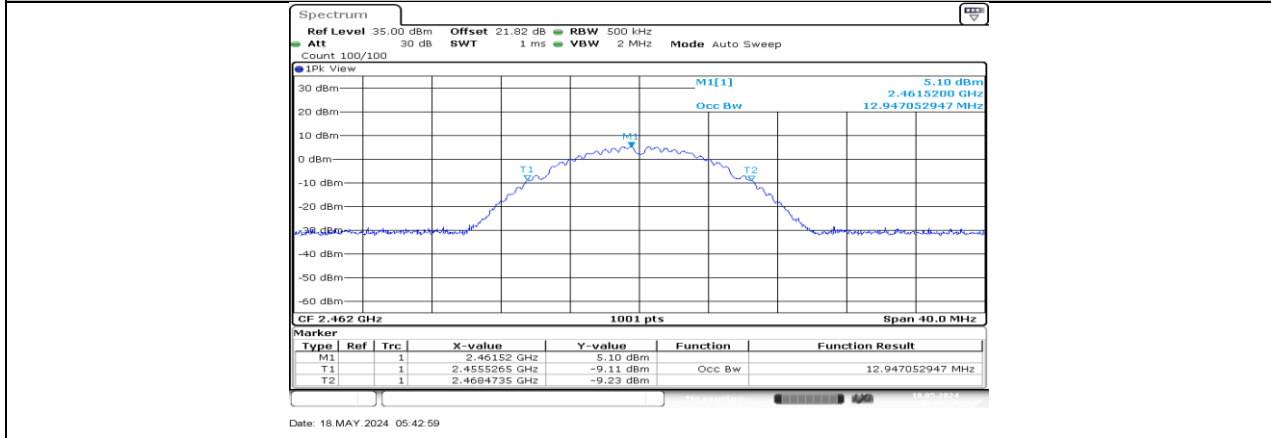
11B_Ant1_2437



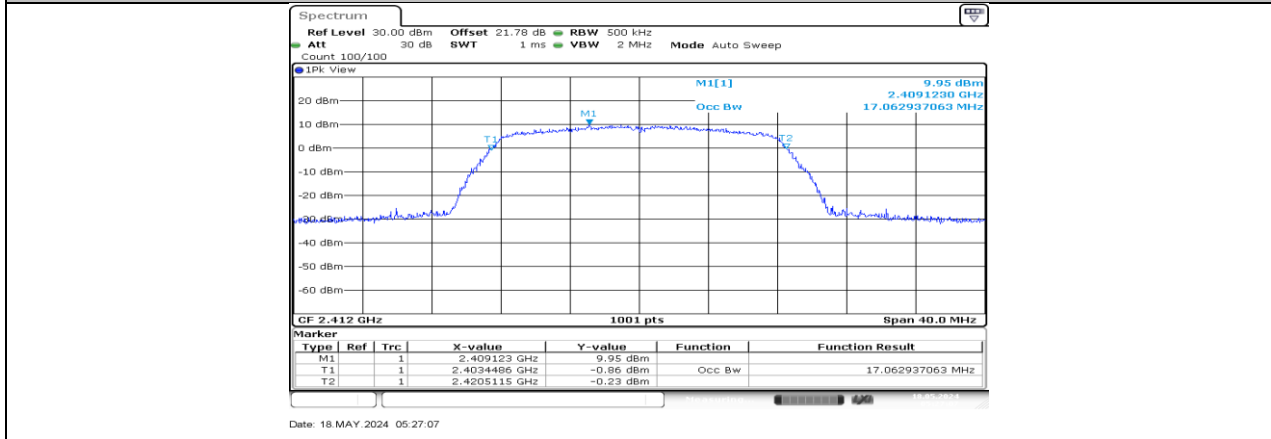
11B_Ant2_2437



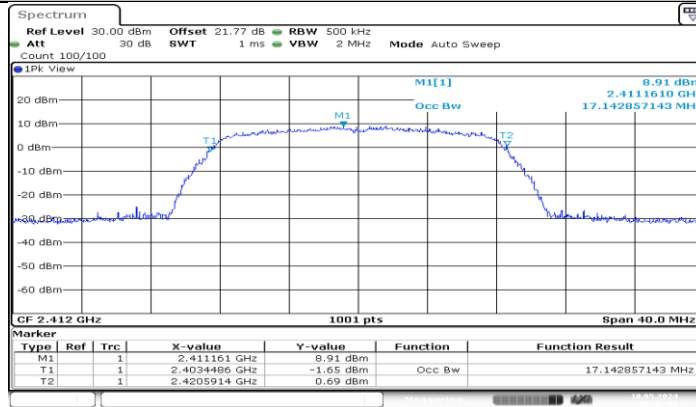
11B_Ant1_2462



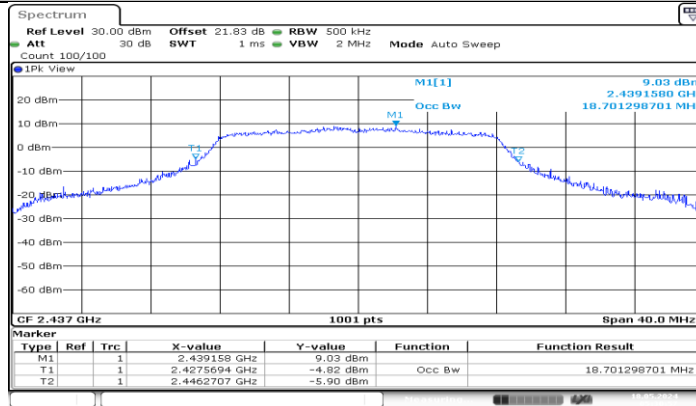
11B_Ant2_2462



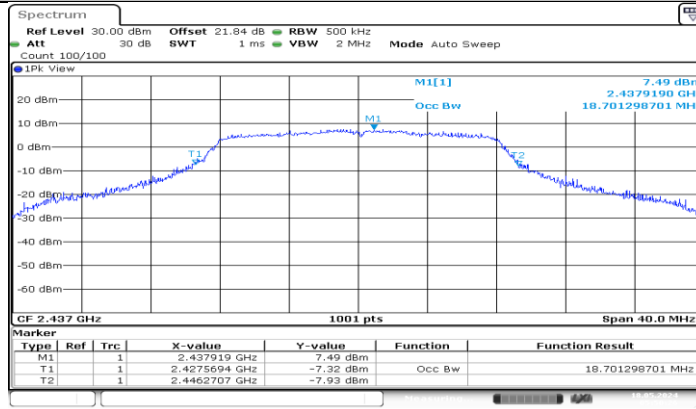
11G_Ant1_2412



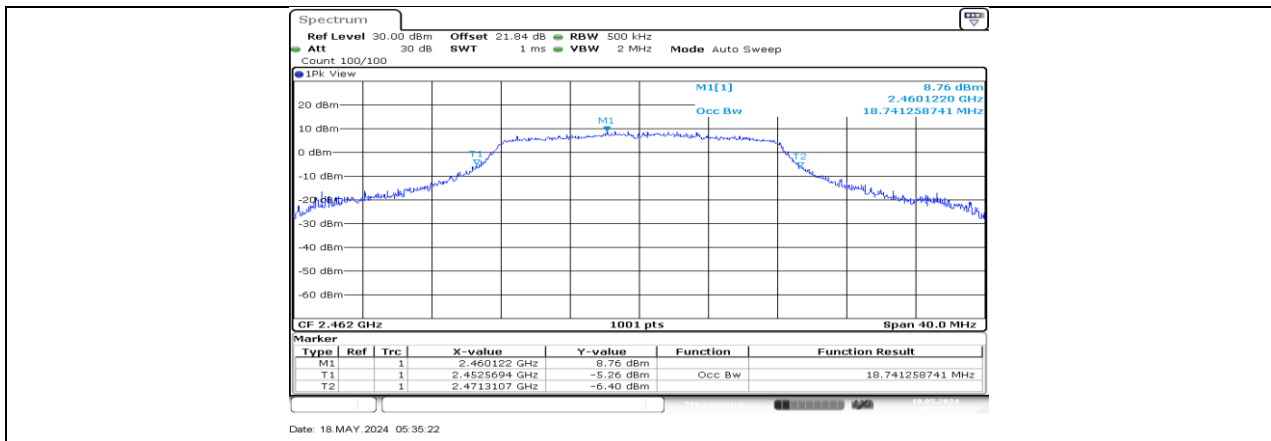
11G_Ant2_2412



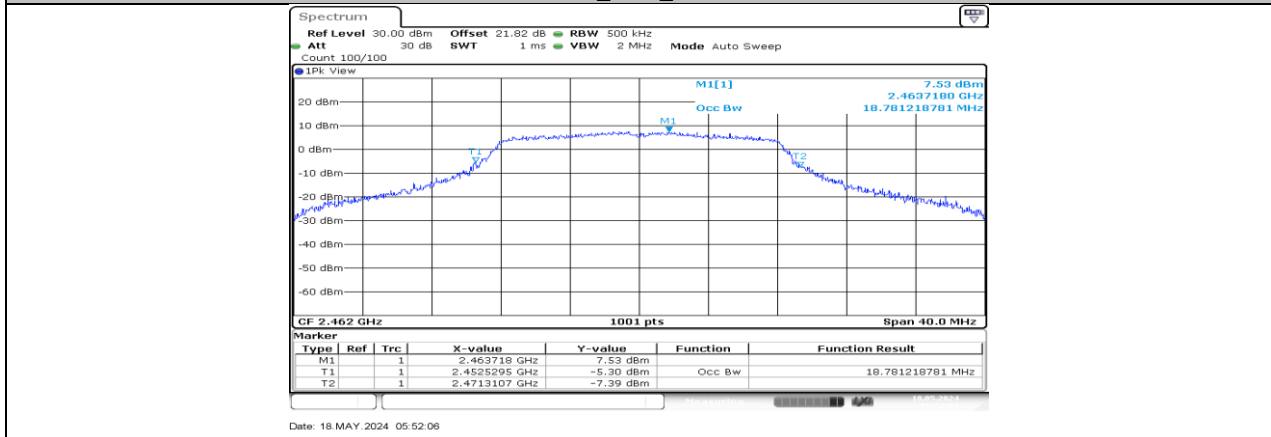
11G_Ant1_2437



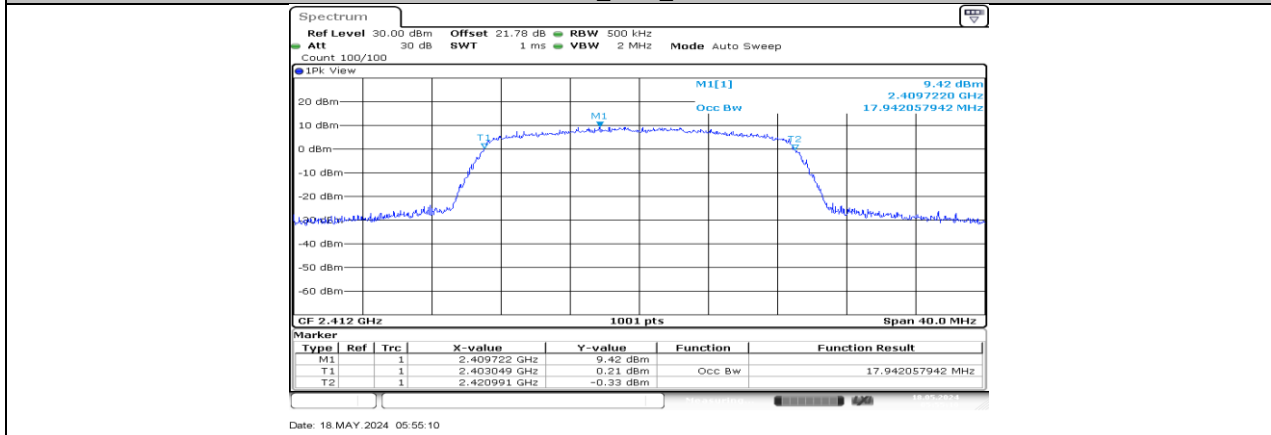
11G_Ant2_2437



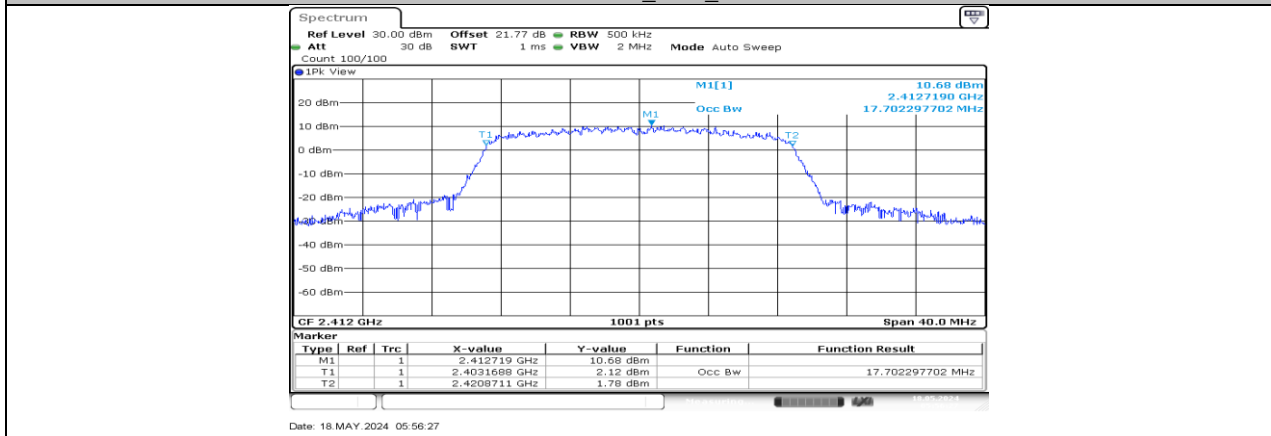
11G_Ant1_2462



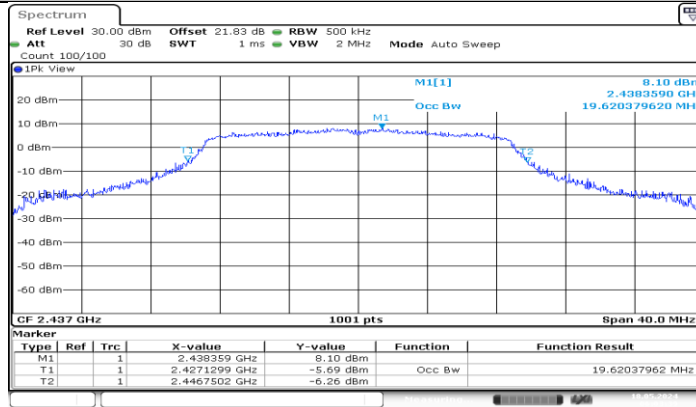
11G_Ant2_2462



11N20MIMO_Ant1_2412

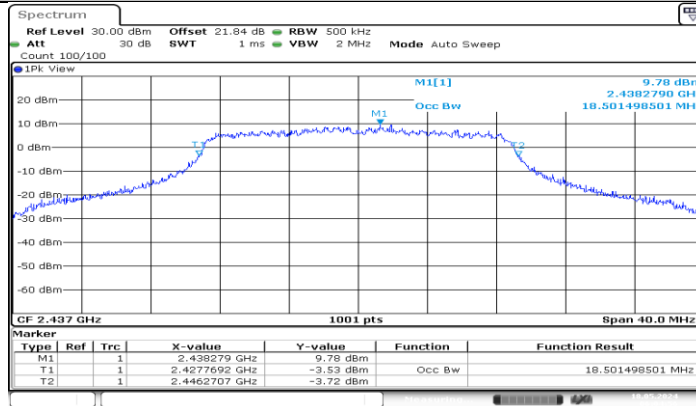


11N20MIMO_Ant2_2412



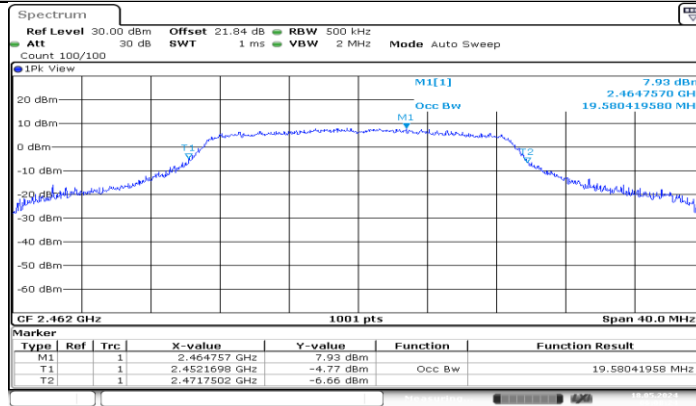
Date: 18.MAY.2024 06:03:39

11N20MIMO_Ant1_2437



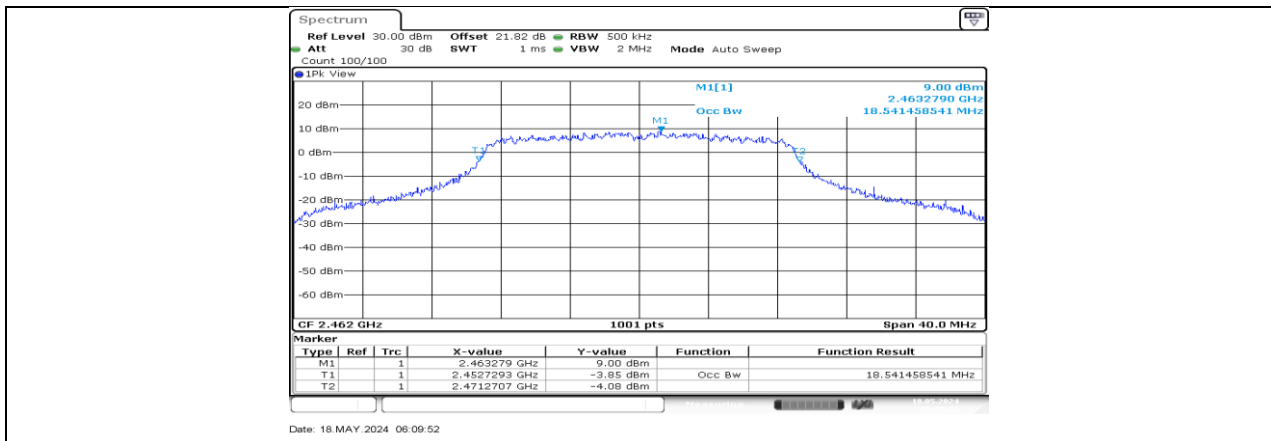
Date: 18.MAY.2024 06:04:56

11N20MIMO_Ant2_2437

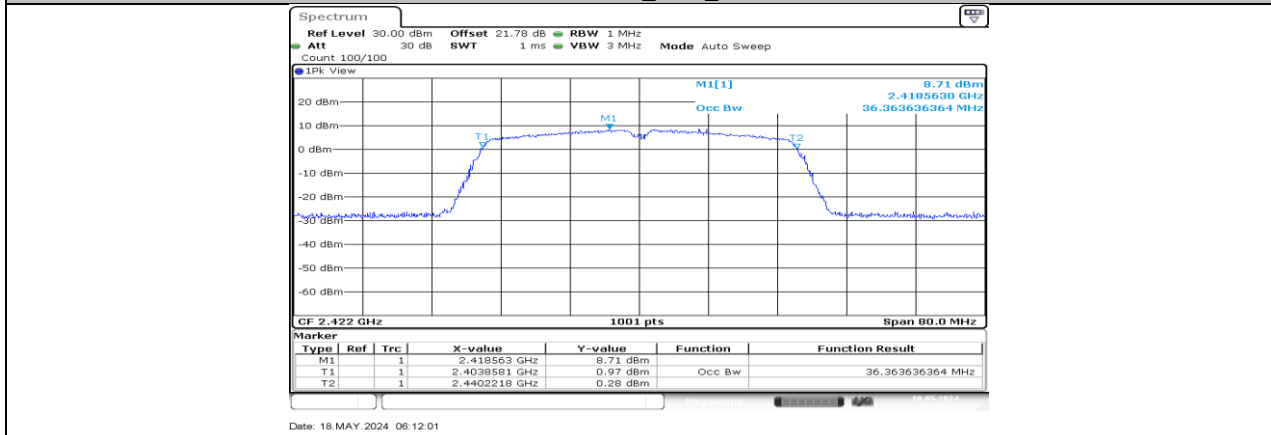


Date: 18.MAY.2024 06:08:24

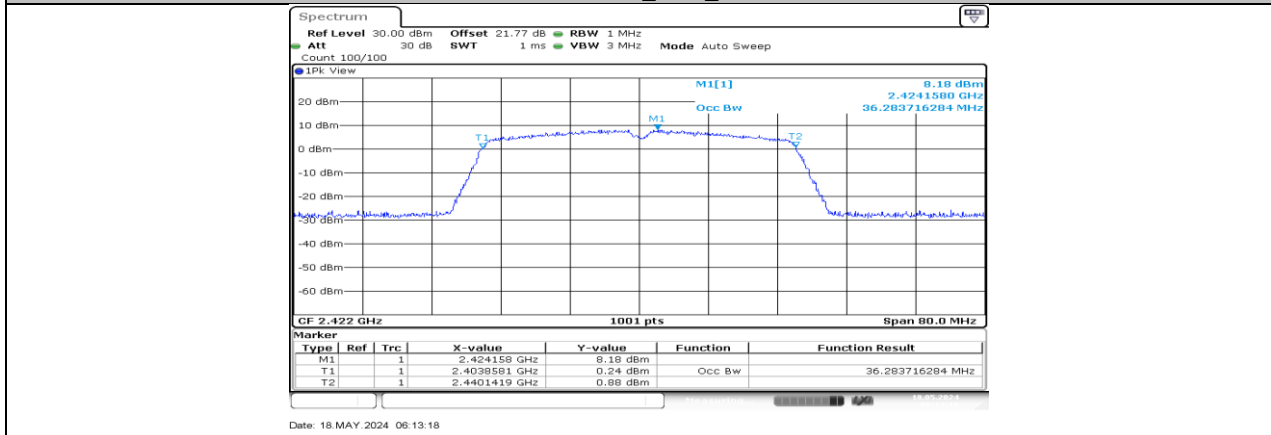
11N20MIMO_Ant1_2462



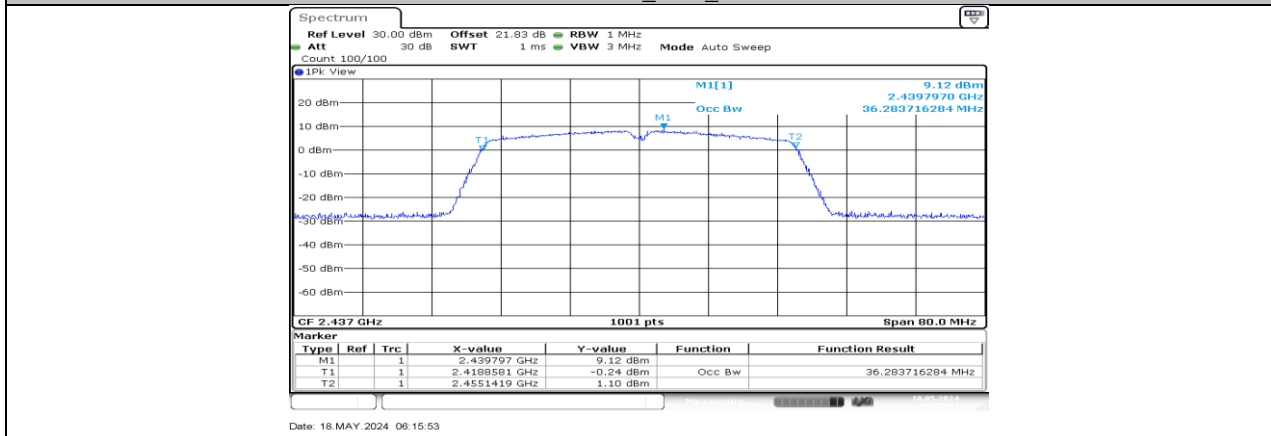
11N20MIMO_Ant2_2462

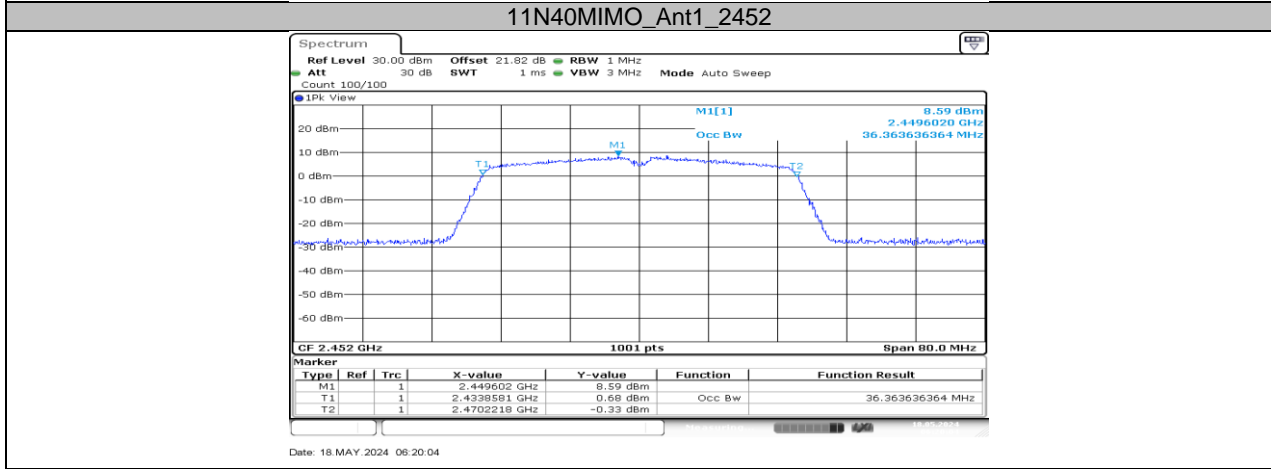
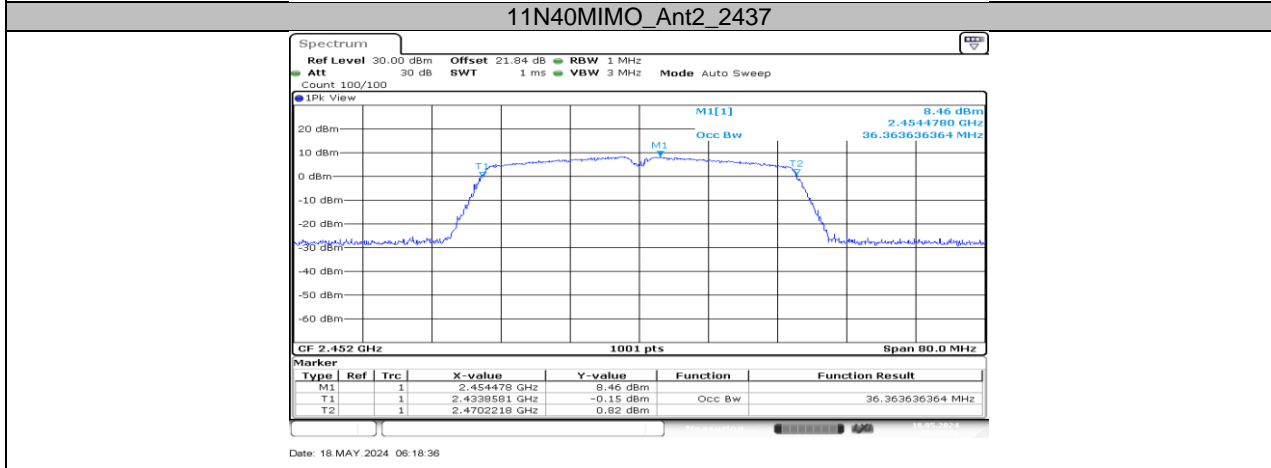
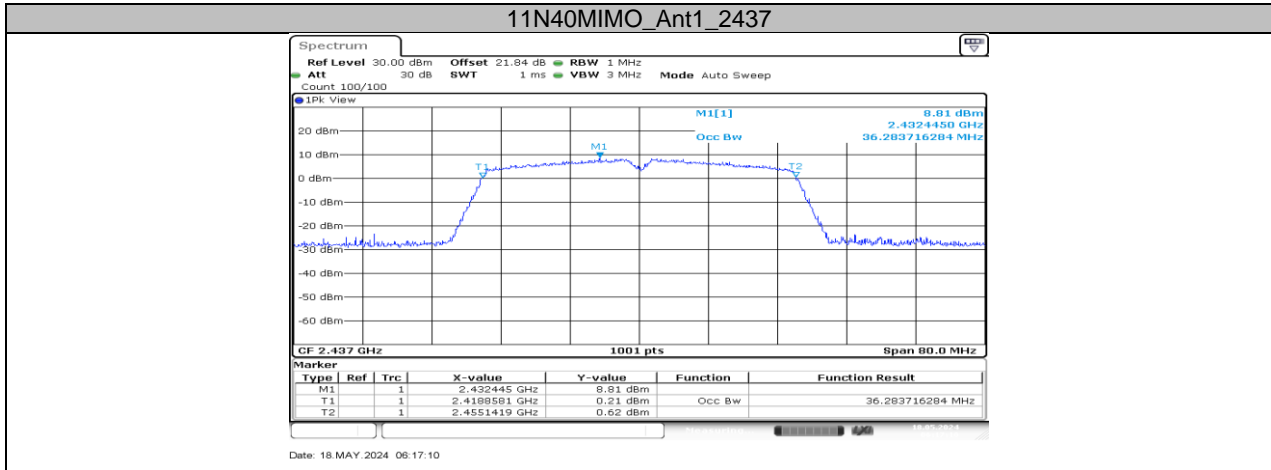


11N40MIMO_Ant1_2422

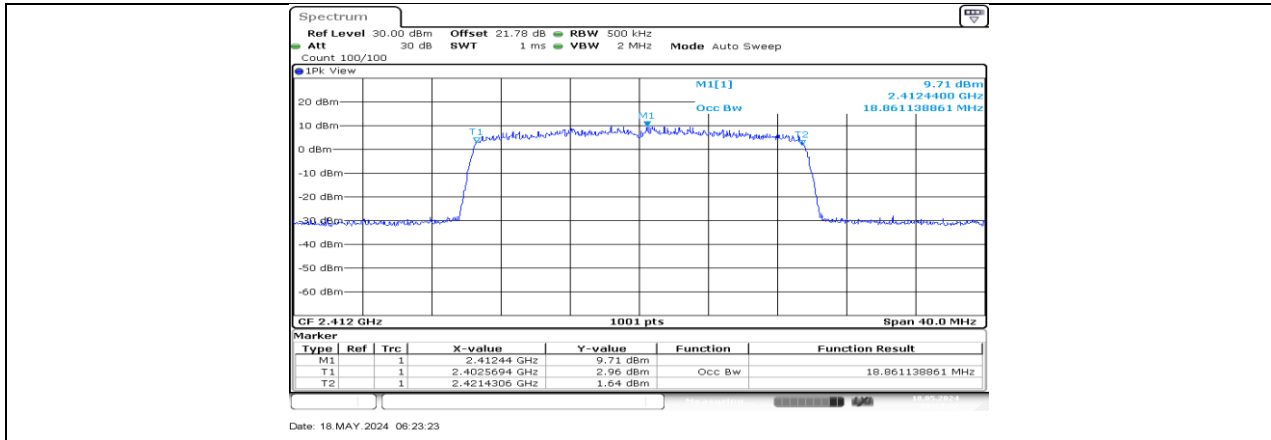


11N40MIMO_Ant2_2422

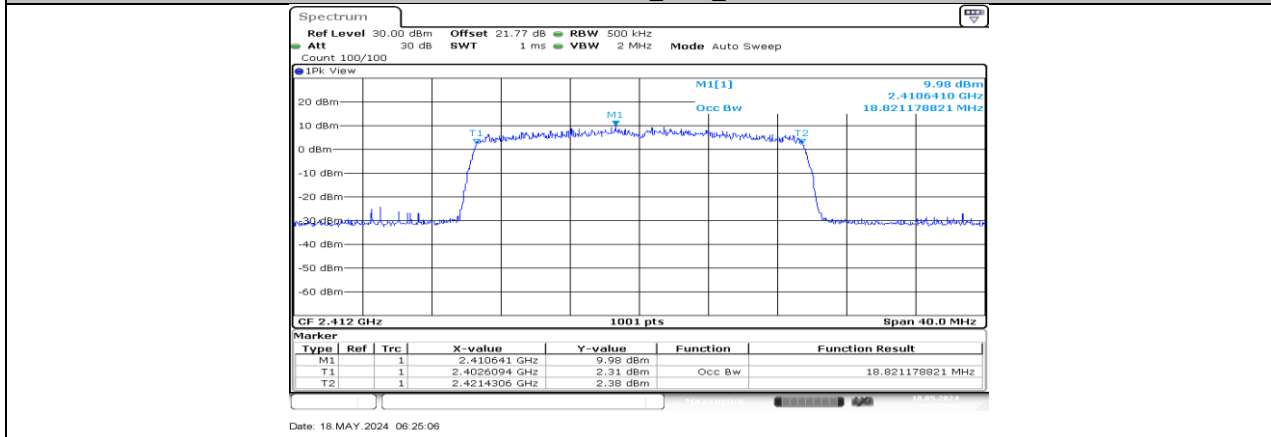




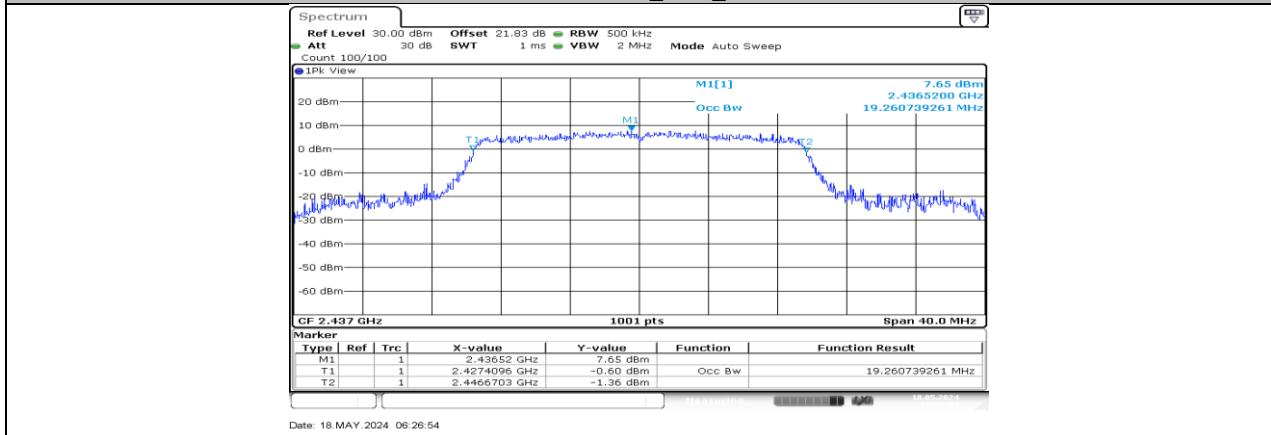
11N40MIMO_Ant2_2452



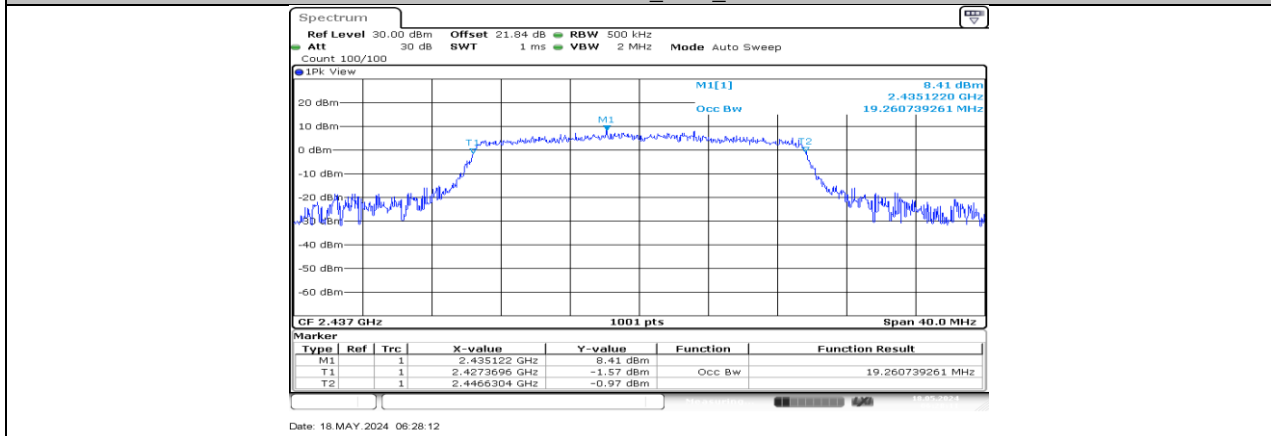
11AX20MIMO_Ant1_2412



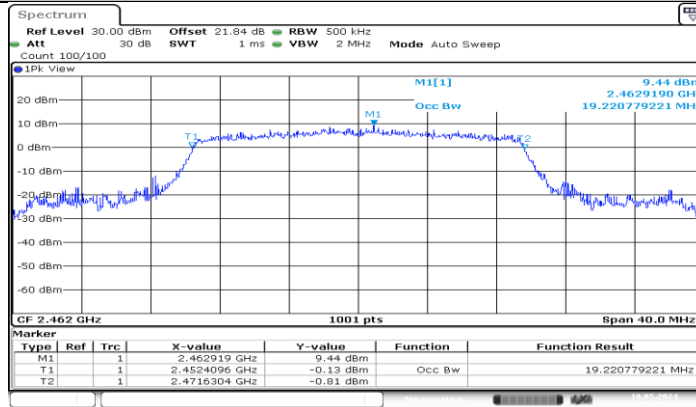
11AX20MIMO_Ant2_2412



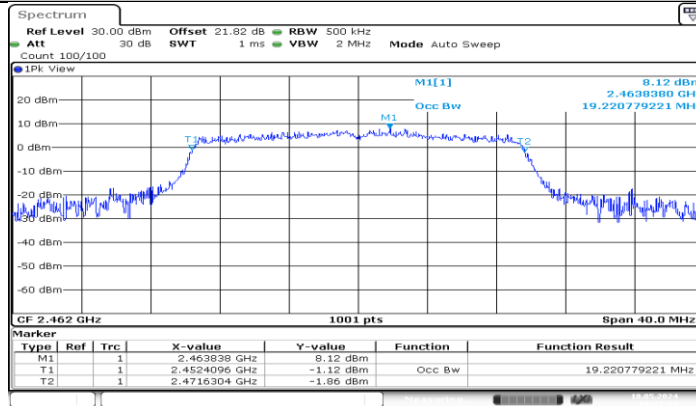
11AX20MIMO_Ant1_2437



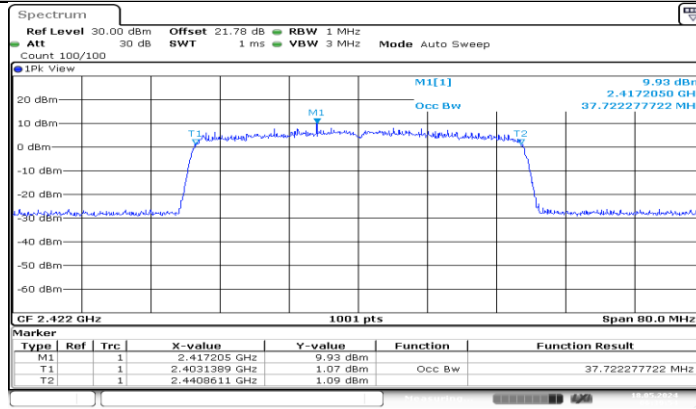
11AX20MIMO_Ant2_2437



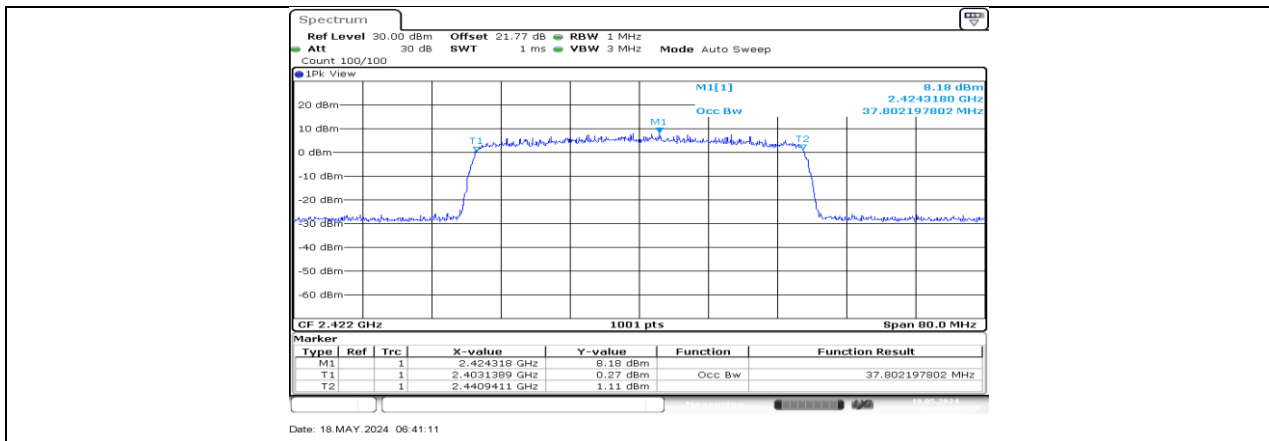
11AX20MIMO_Ant1_2462



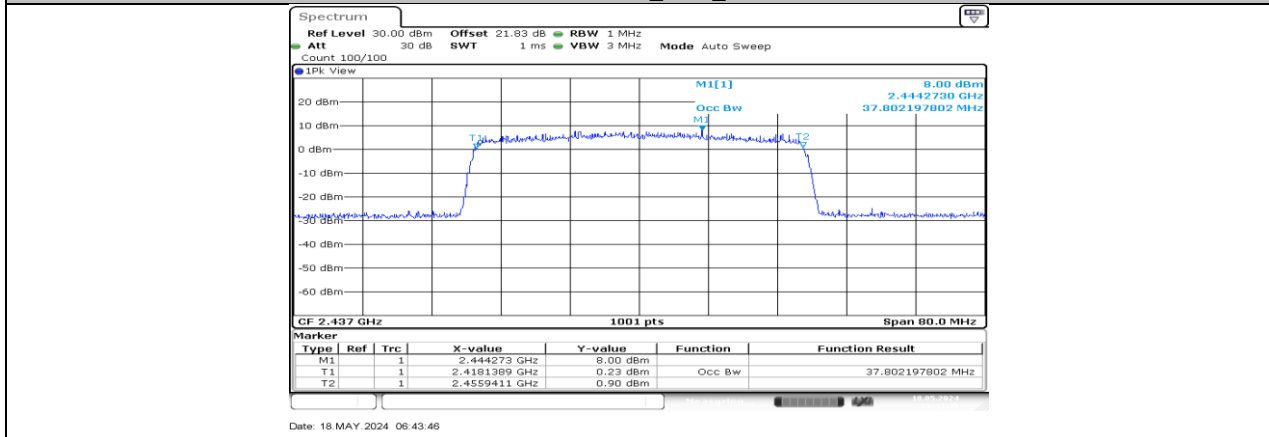
11AX20MIMO_Ant2_2462



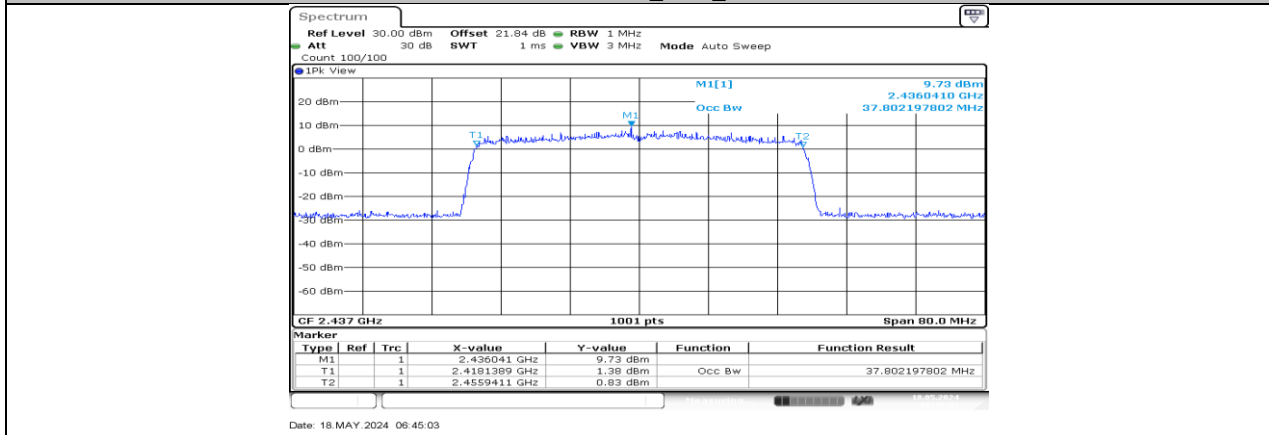
11AX40MIMO_Ant1_2422



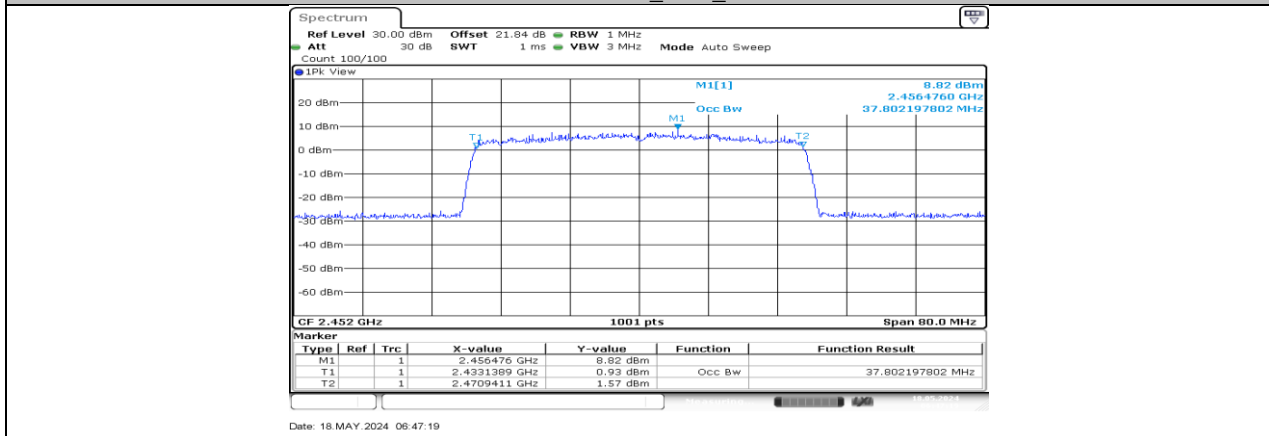
11AX40MIMO_Ant2_2422

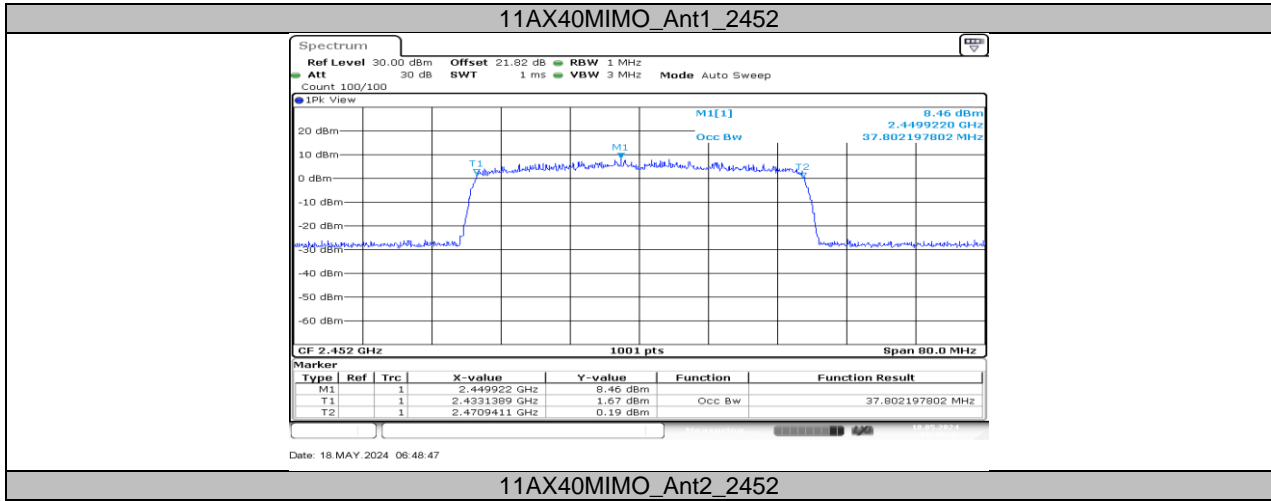


11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437





11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.02	≤30.00	PASS
	Ant2	2412	13.81	≤30.00	PASS
	Ant1	2437	13.40	≤30.00	PASS
	Ant2	2437	13.30	≤30.00	PASS
	Ant1	2462	13.47	≤30.00	PASS
	Ant2	2462	13.10	≤30.00	PASS
11G	Ant1	2412	15.52	≤30.00	PASS
	Ant2	2412	15.45	≤30.00	PASS
	Ant1	2437	14.88	≤30.00	PASS
	Ant2	2437	14.36	≤30.00	PASS
	Ant1	2462	14.66	≤30.00	PASS
	Ant2	2462	14.71	≤30.00	PASS
11N20MIMO	Ant1	2412	15.63	≤30.00	PASS
	Ant2	2412	15.28	≤30.00	PASS
	total	2412	18.47	≤30.00	PASS
	Ant1	2437	15.31	≤30.00	PASS
	Ant2	2437	13.67	≤30.00	PASS
	total	2437	17.58	≤30.00	PASS
	Ant1	2462	14.79	≤30.00	PASS
	Ant2	2462	13.74	≤30.00	PASS
total	2462	17.31	≤30.00	PASS	
11N40MIMO	Ant1	2422	14.25	≤30.00	PASS
	Ant2	2422	13.45	≤30.00	PASS
	total	2422	16.88	≤30.00	PASS
	Ant1	2437	14.63	≤30.00	PASS
	Ant2	2437	13.59	≤30.00	PASS
	total	2437	17.15	≤30.00	PASS
	Ant1	2452	14.28	≤30.00	PASS
	Ant2	2452	13.77	≤30.00	PASS
total	2452	17.04	≤30.00	PASS	
11AX20MIMO	Ant1	2412	13.45	≤30.00	PASS
	Ant2	2412	12.97	≤30.00	PASS
	total	2412	16.23	≤30.00	PASS
	Ant1	2437	12.55	≤30.00	PASS
	Ant2	2437	12.03	≤30.00	PASS
	total	2437	15.31	≤30.00	PASS
	Ant1	2462	12.76	≤30.00	PASS
	Ant2	2462	12.03	≤30.00	PASS
total	2462	15.42	≤30.00	PASS	
11AX40MIMO	Ant1	2422	12.21	≤30.00	PASS
	Ant2	2422	11.38	≤30.00	PASS
	total	2422	14.83	≤30.00	PASS
	Ant1	2437	12.17	≤30.00	PASS
	Ant2	2437	11.96	≤30.00	PASS
	total	2437	15.08	≤30.00	PASS
	Ant1	2452	12.44	≤30.00	PASS
	Ant2	2452	11.45	≤30.00	PASS
total	2452	14.98	≤30.00	PASS	

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

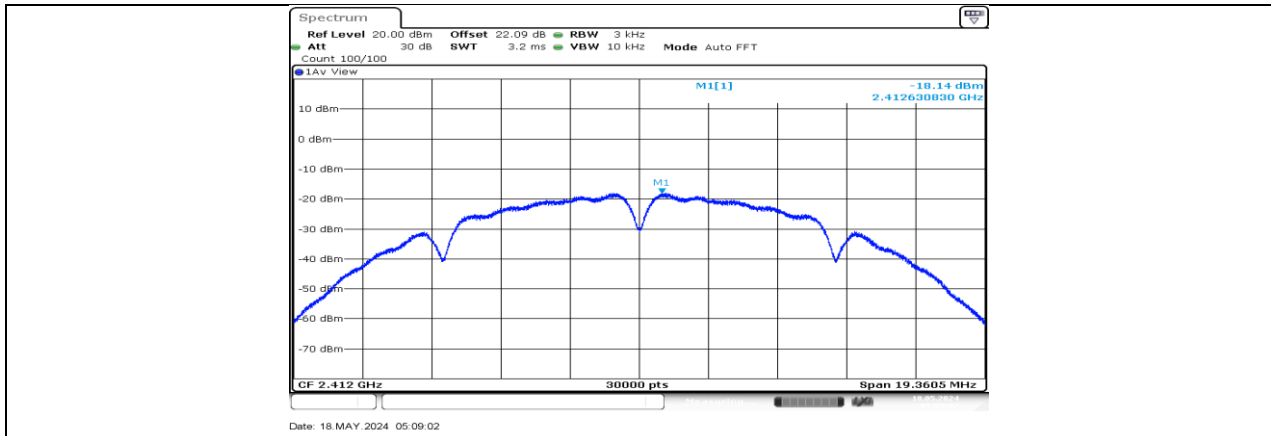
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

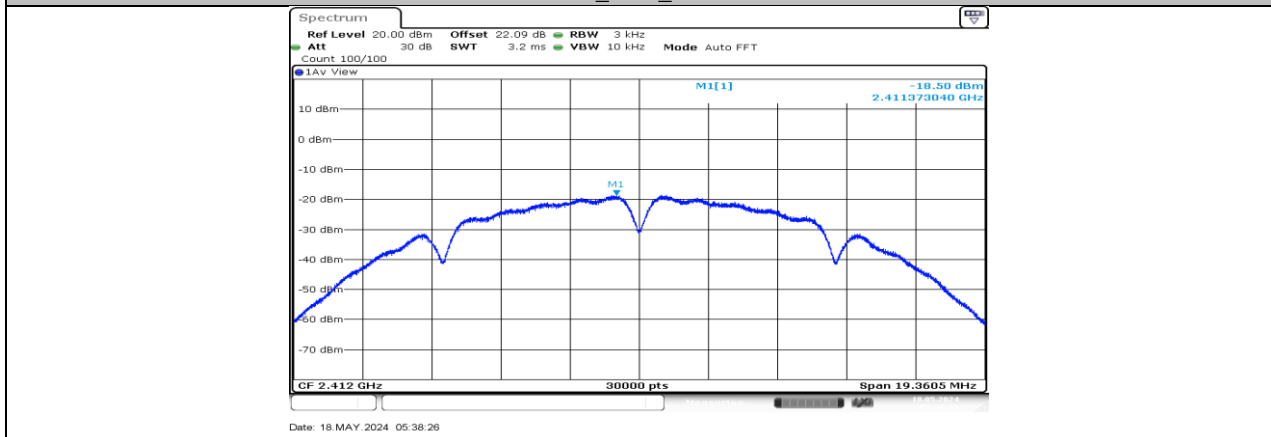
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.14	≤8.00	PASS
	Ant2	2412	-18.50	≤8.00	PASS
	Ant1	2437	-17.97	≤8.00	PASS
	Ant2	2437	-18.62	≤8.00	PASS
	Ant1	2462	-17.76	≤8.00	PASS
	Ant2	2462	-18.62	≤8.00	PASS
11G	Ant1	2412	-17.94	≤8.00	PASS
	Ant2	2412	-18.76	≤8.00	PASS
	Ant1	2437	-19.16	≤8.00	PASS
	Ant2	2437	-19.97	≤8.00	PASS
	Ant1	2462	-19.06	≤8.00	PASS
	Ant2	2462	-19.91	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.04	≤8.00	PASS
	Ant2	2412	-17.74	≤8.00	PASS
	total	2412	-14.88	≤8.00	PASS
	Ant1	2437	-19.04	≤8.00	PASS
	Ant2	2437	-19.97	≤8.00	PASS
	total	2437	-16.47	≤8.00	PASS
	Ant1	2462	-19.31	≤8.00	PASS
	Ant2	2462	-19.94	≤8.00	PASS
total	2462	-16.60	≤8.00	PASS	
11N40MIMO	Ant1	2422	-20.31	≤8.00	PASS
	Ant2	2422	-21.94	≤8.00	PASS
	total	2422	-18.04	≤8.00	PASS
	Ant1	2437	-20.00	≤8.00	PASS
	Ant2	2437	-21.63	≤8.00	PASS
	total	2437	-17.73	≤8.00	PASS
	Ant1	2452	-21.04	≤8.00	PASS
	Ant2	2452	-21.97	≤8.00	PASS
total	2452	-18.47	≤8.00	PASS	
11AX20MIMO	Ant1	2412	-19.72	≤8.00	PASS
	Ant2	2412	-19.29	≤8.00	PASS
	total	2412	-16.49	≤8.00	PASS
	Ant1	2437	-19.56	≤8.00	PASS
	Ant2	2437	-19.97	≤8.00	PASS
	total	2437	-16.75	≤8.00	PASS
	Ant1	2462	-19.24	≤8.00	PASS
	Ant2	2462	-21.06	≤8.00	PASS
total	2462	-17.05	≤8.00	PASS	
11AX40MIMO	Ant1	2422	-24.20	≤8.00	PASS
	Ant2	2422	-24.42	≤8.00	PASS
	total	2422	-21.30	≤8.00	PASS
	Ant1	2437	-24.44	≤8.00	PASS
	Ant2	2437	-24.21	≤8.00	PASS
	total	2437	-21.31	≤8.00	PASS
	Ant1	2452	-24.17	≤8.00	PASS
	Ant2	2452	-24.74	≤8.00	PASS
total	2452	-21.44	≤8.00	PASS	

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test graph.

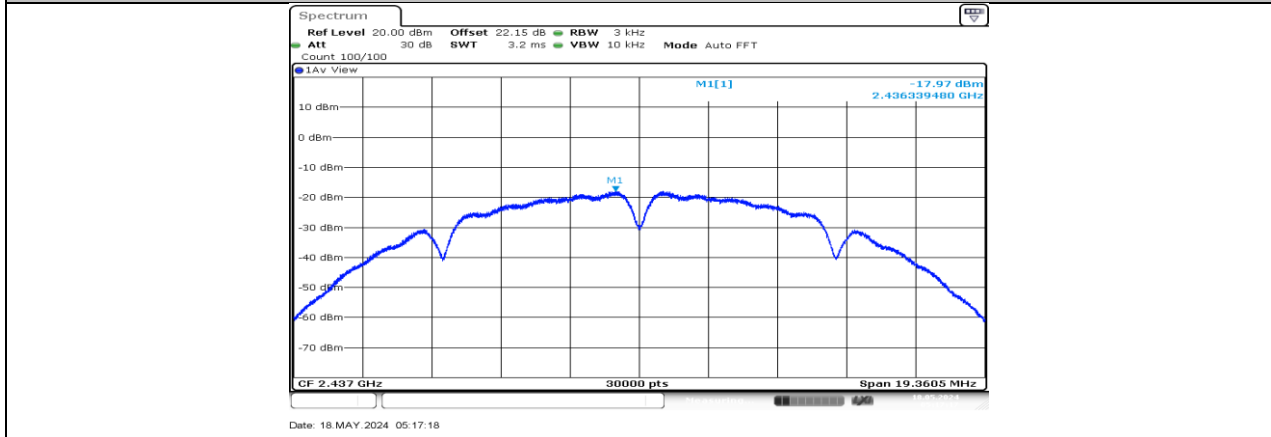
11.4.2. Test Graphs



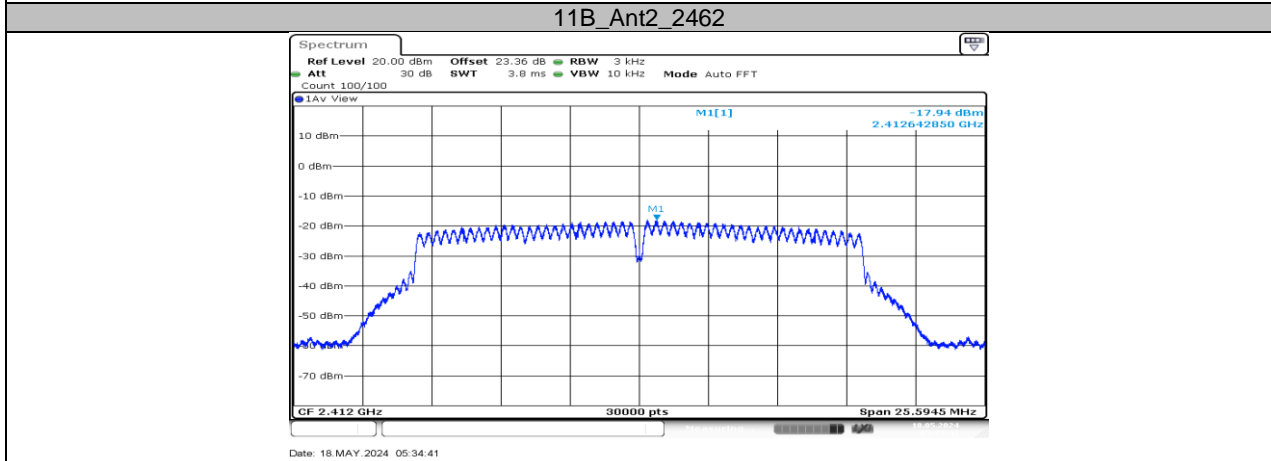
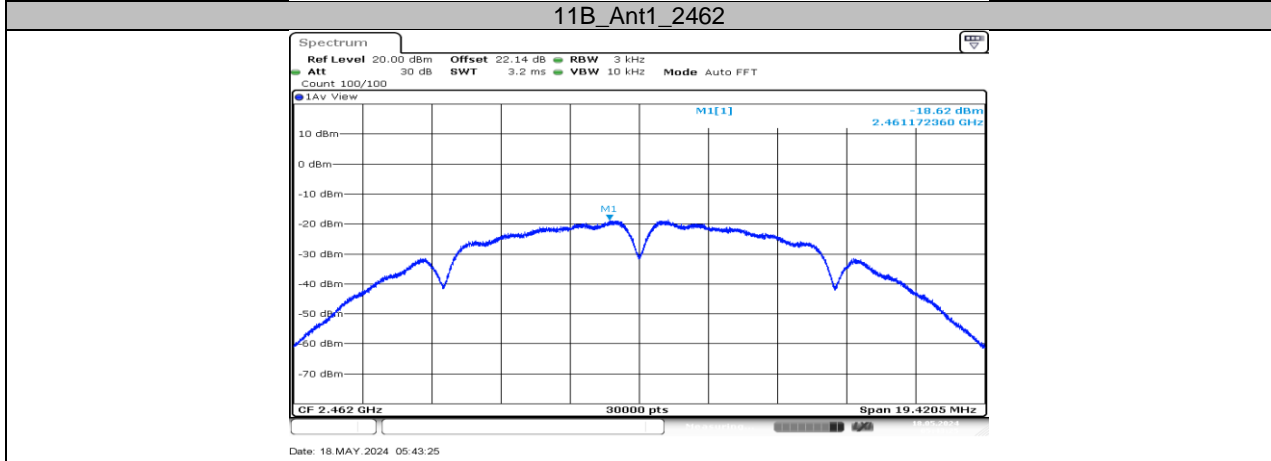
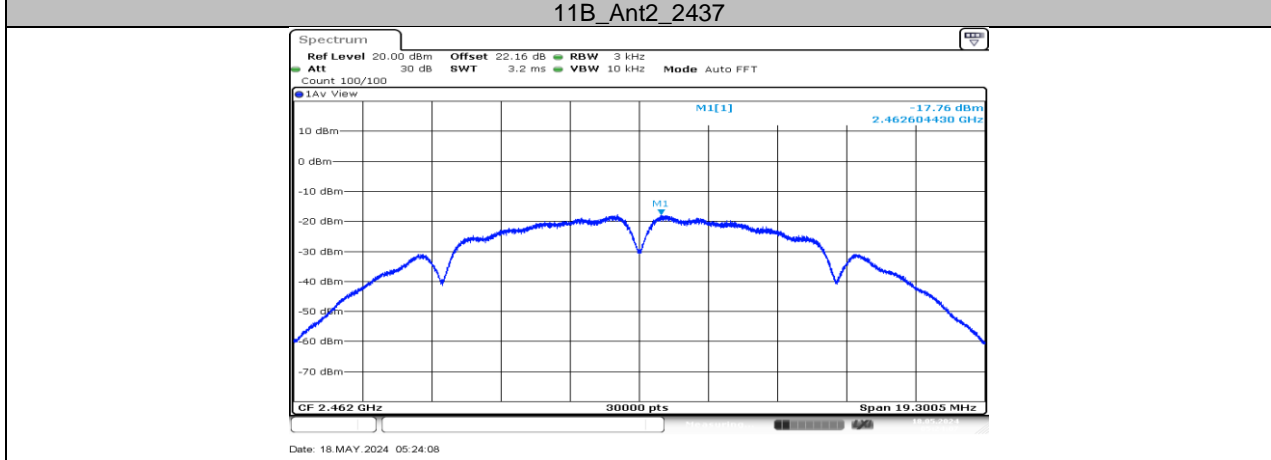
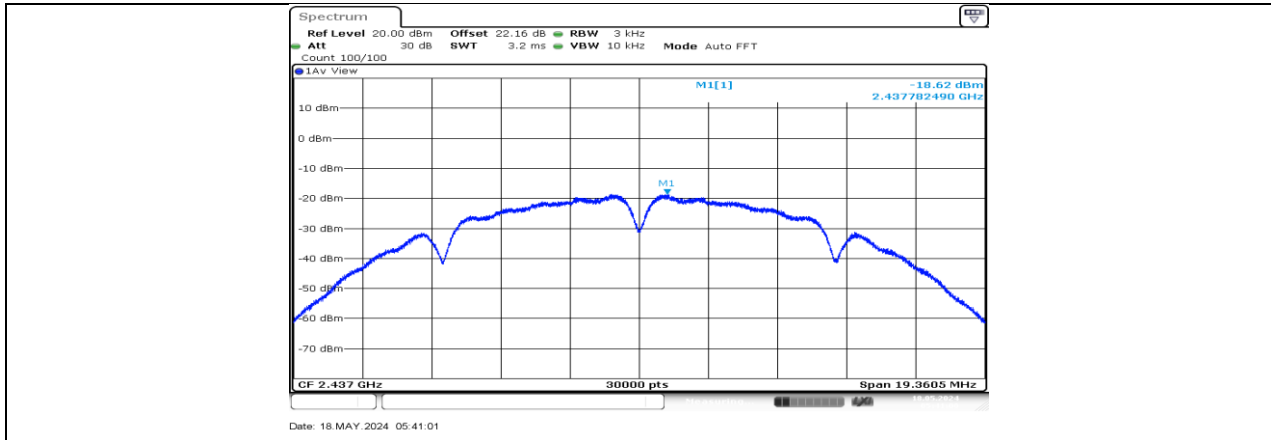
11B_Ant1_2412

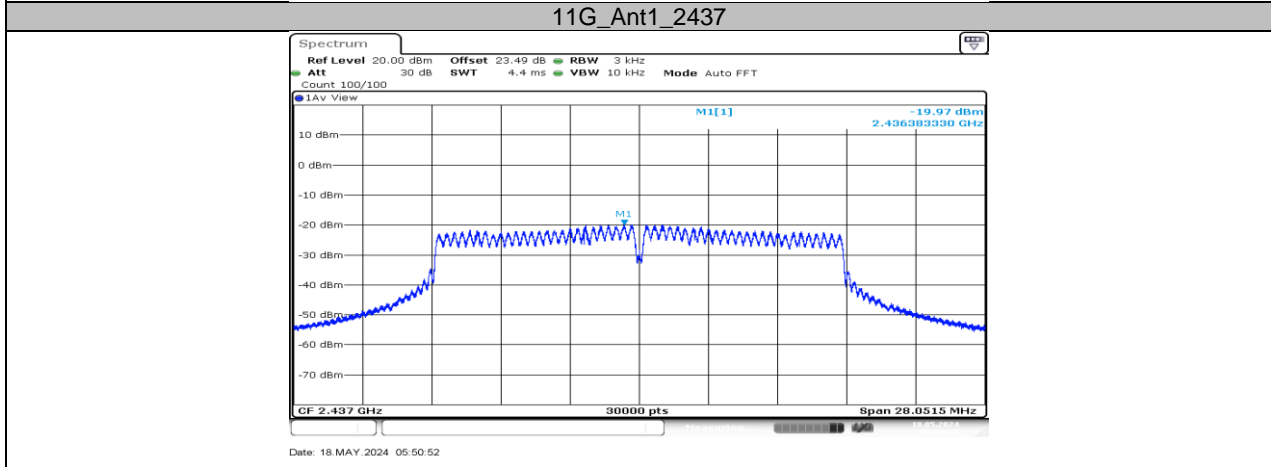
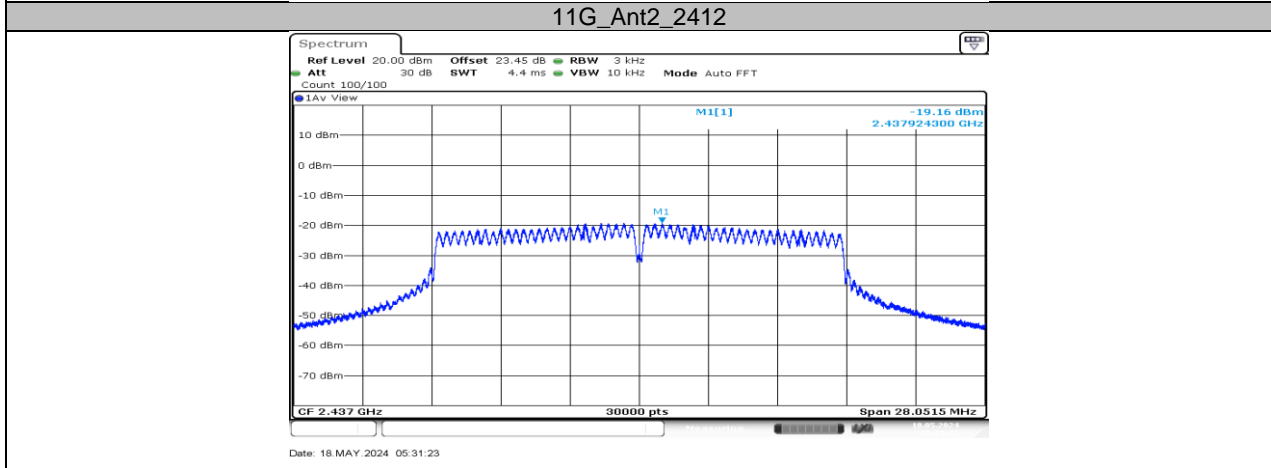
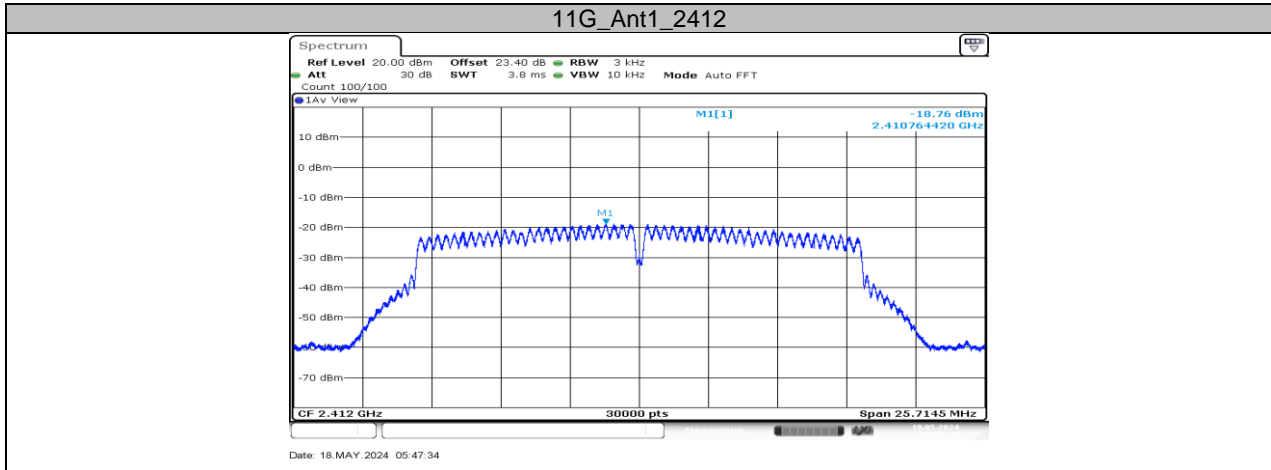


11B_Ant2_2412

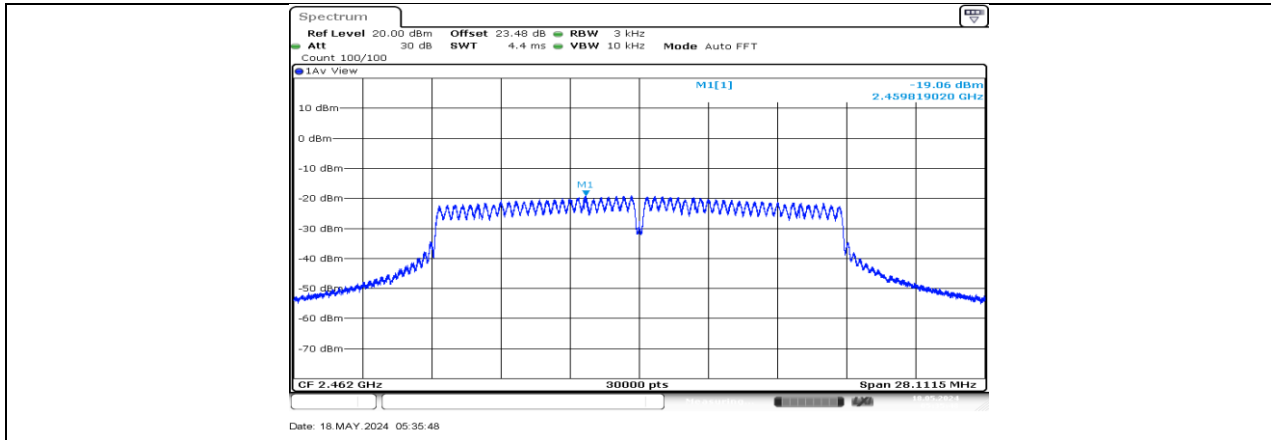


11B_Ant1_2437

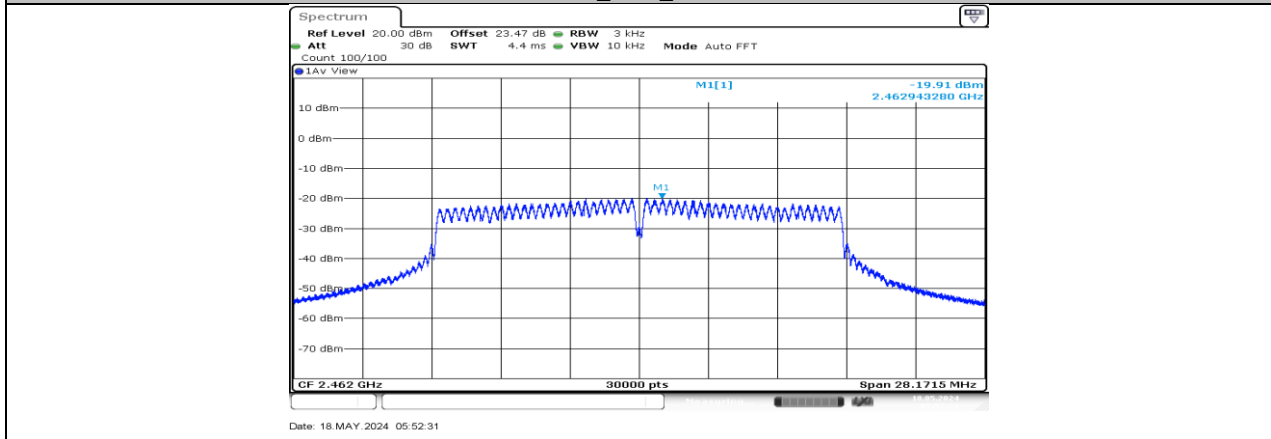




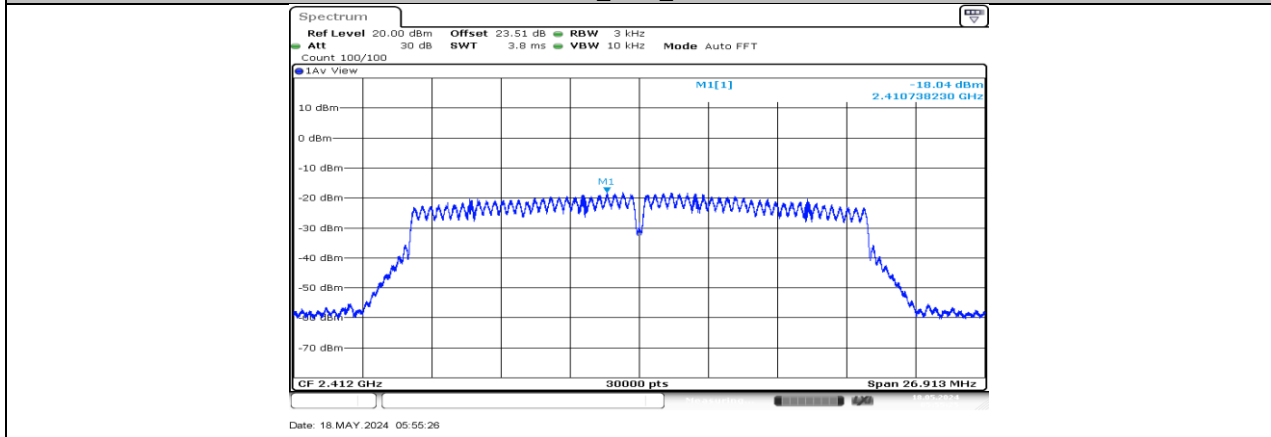
11G_Ant2_2437



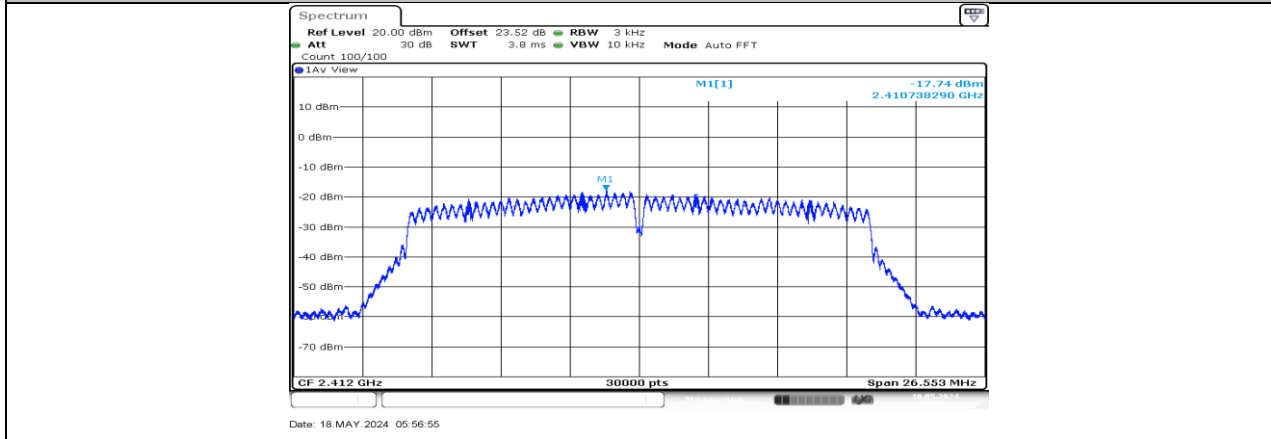
11G_Ant1_2462

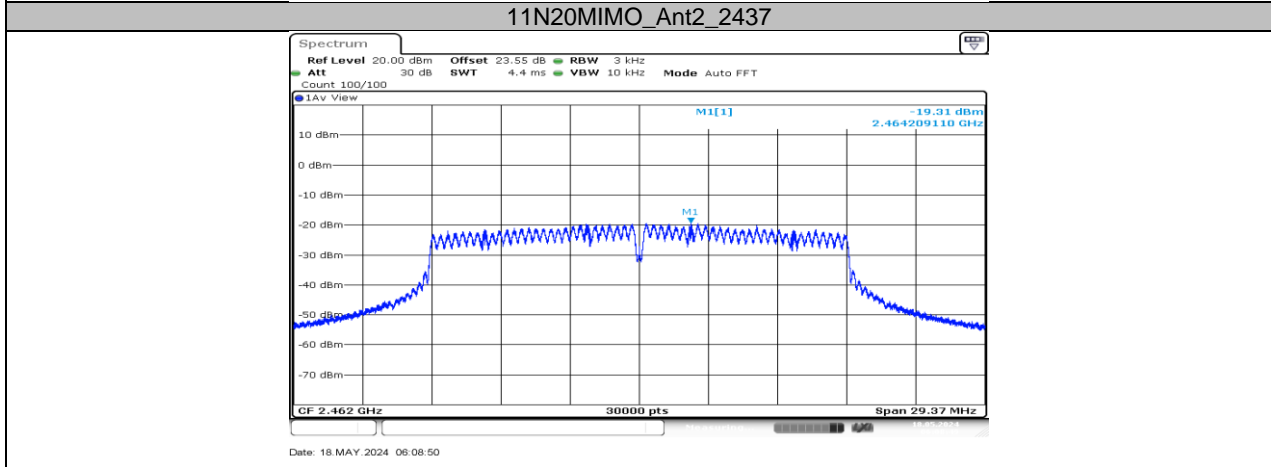
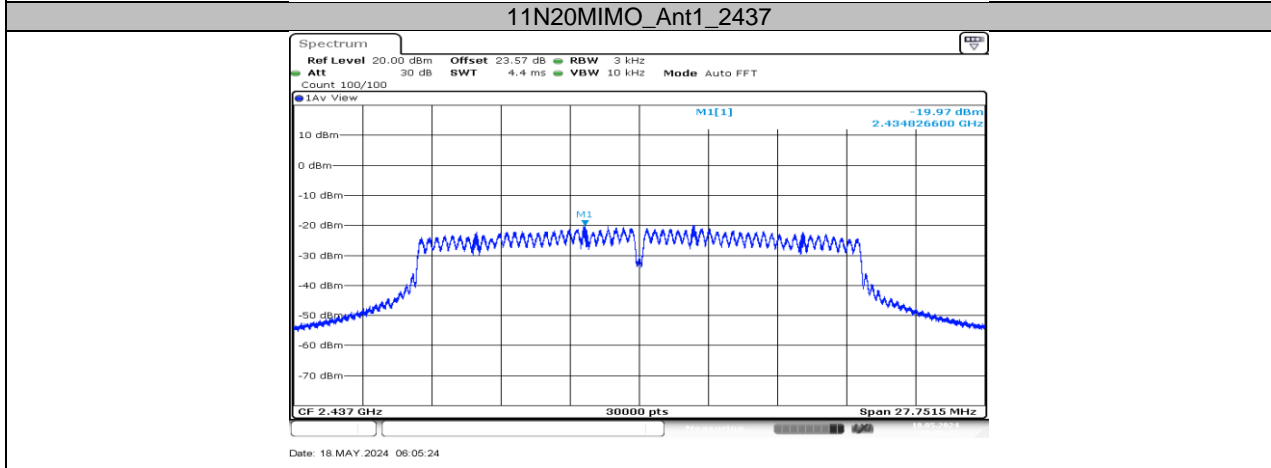
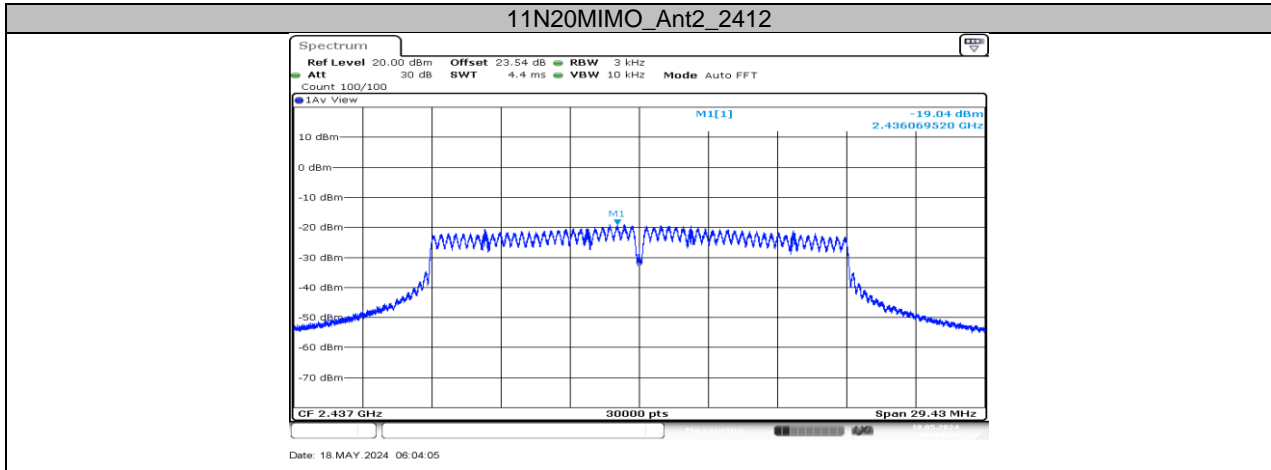


11G_Ant2_2462

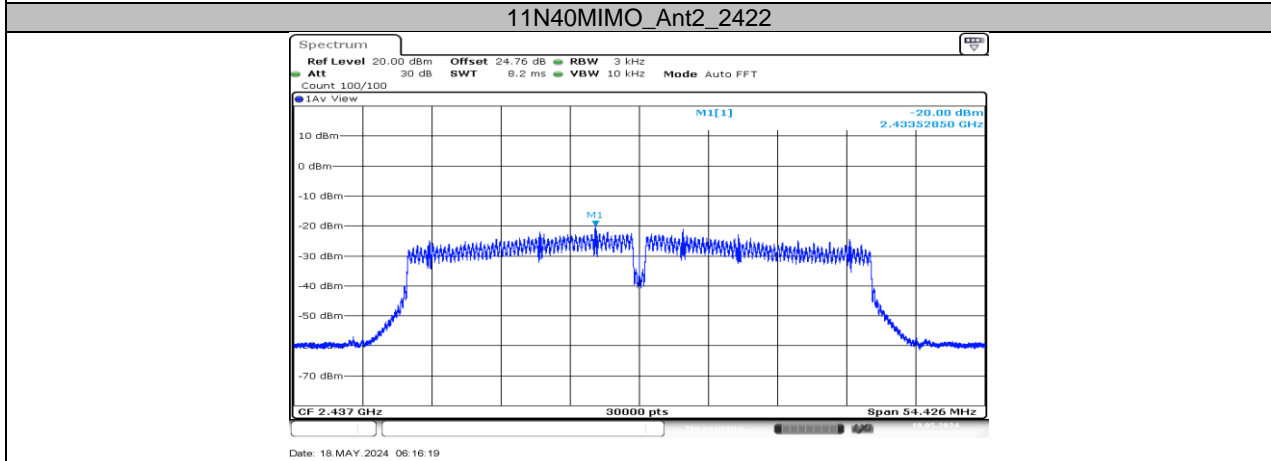
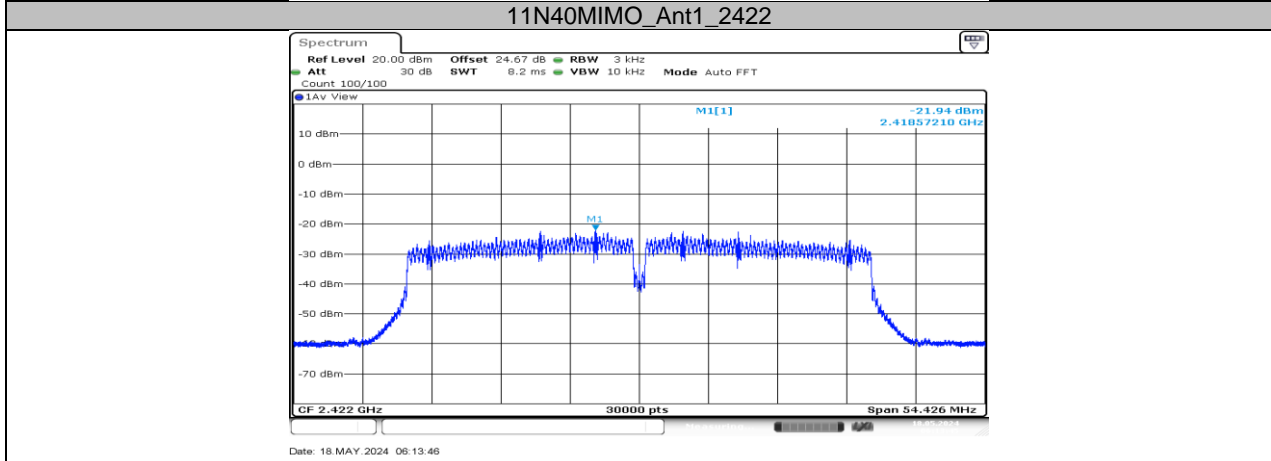
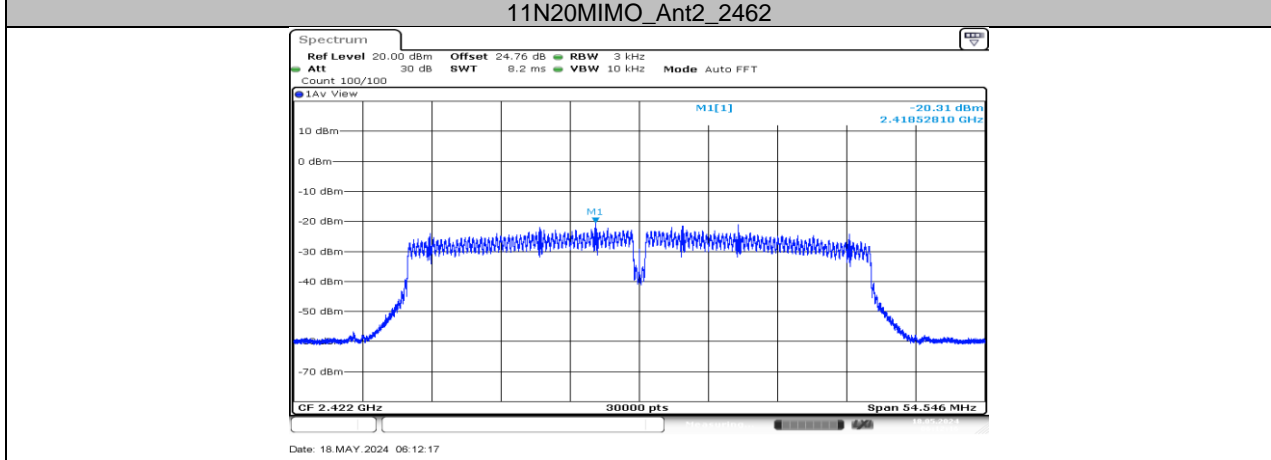
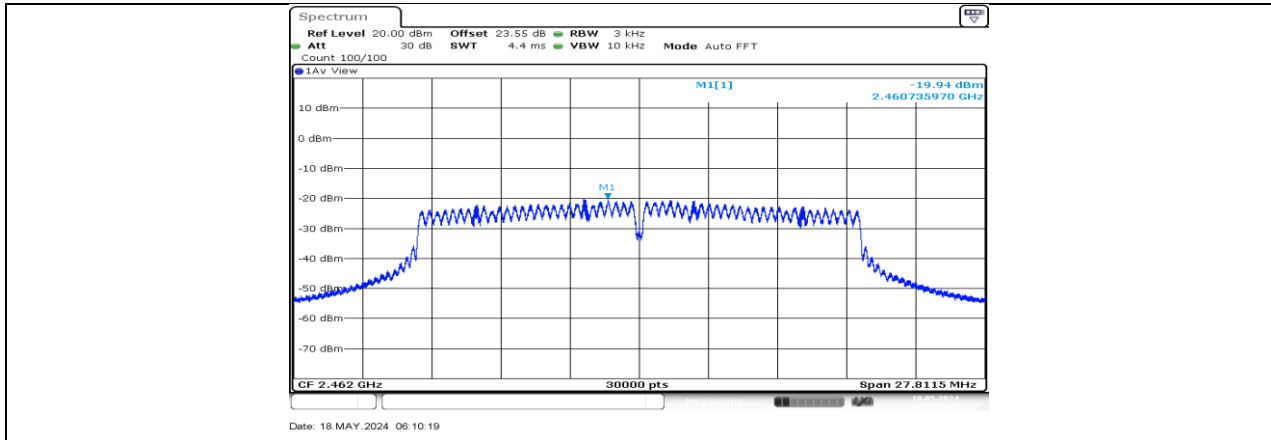


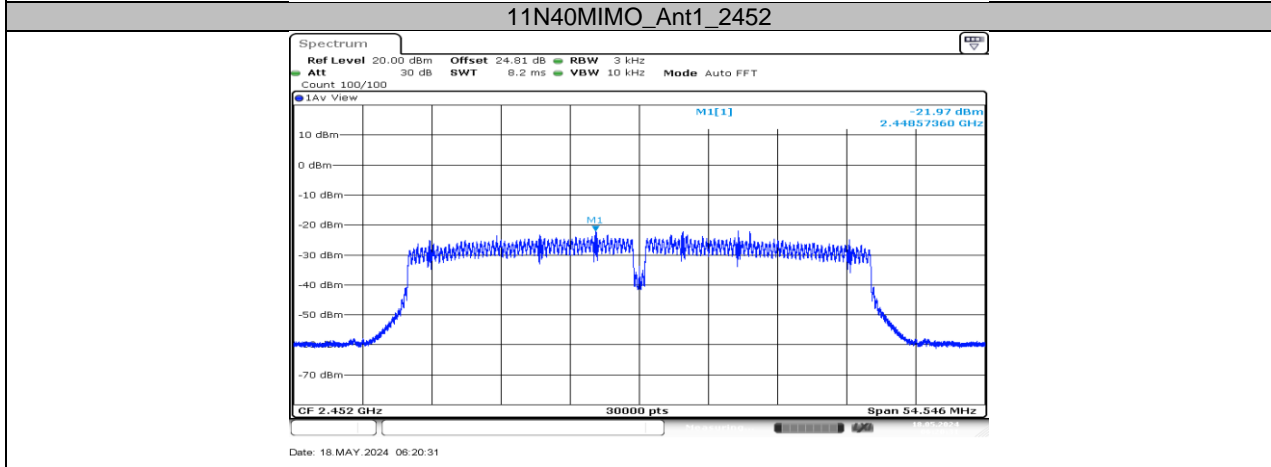
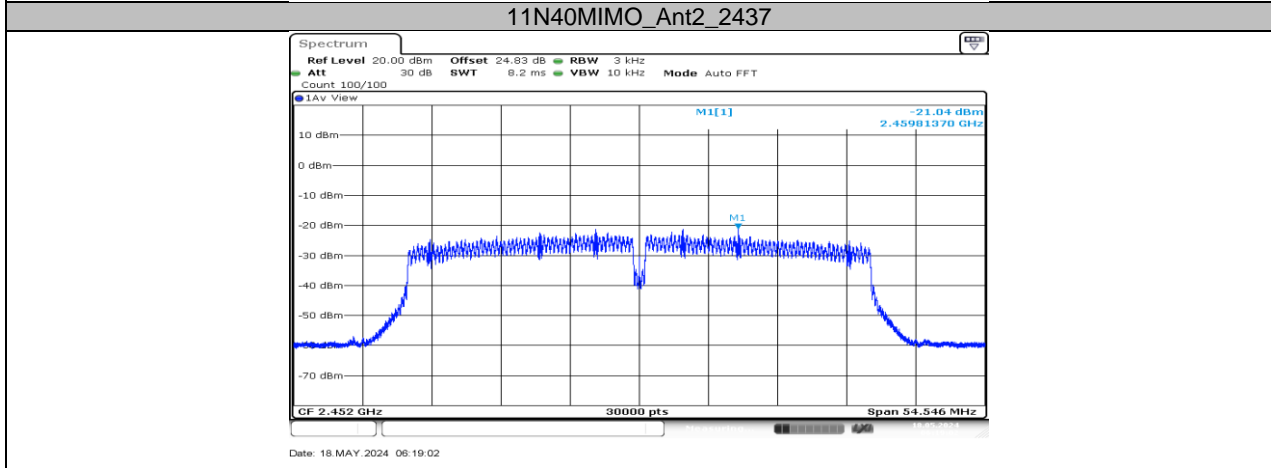
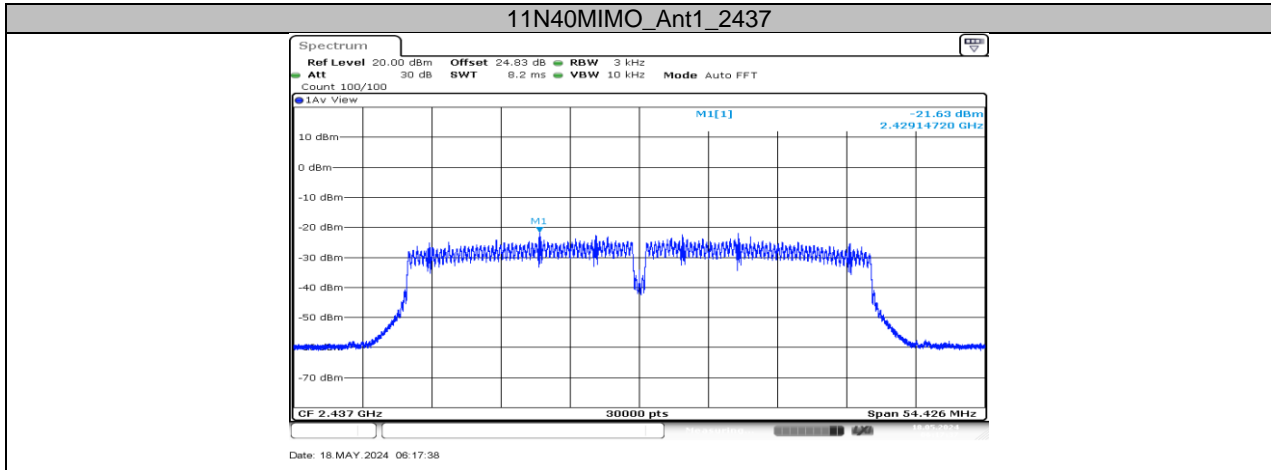
11N20MIMO_Ant1_2412



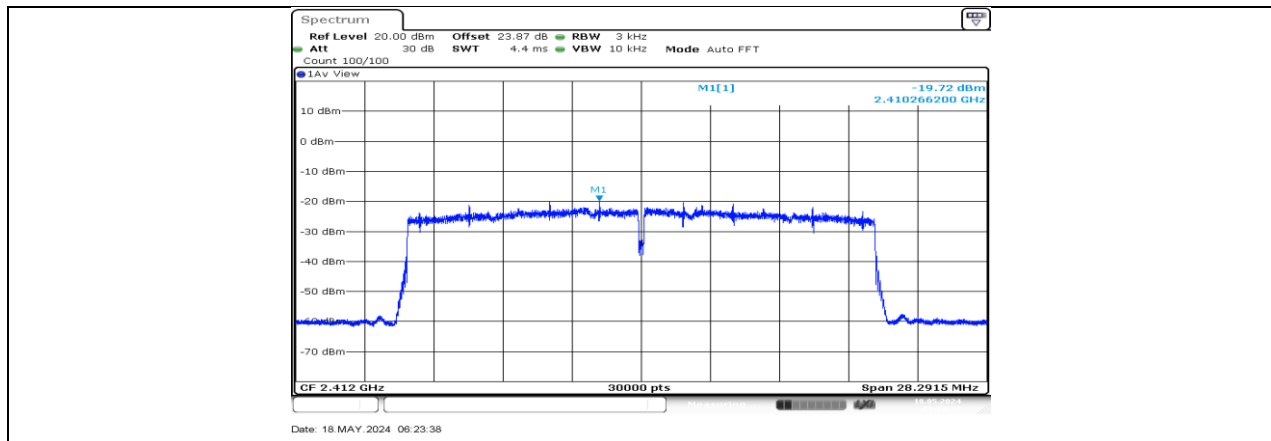


11N20MIMO_Ant1_2462

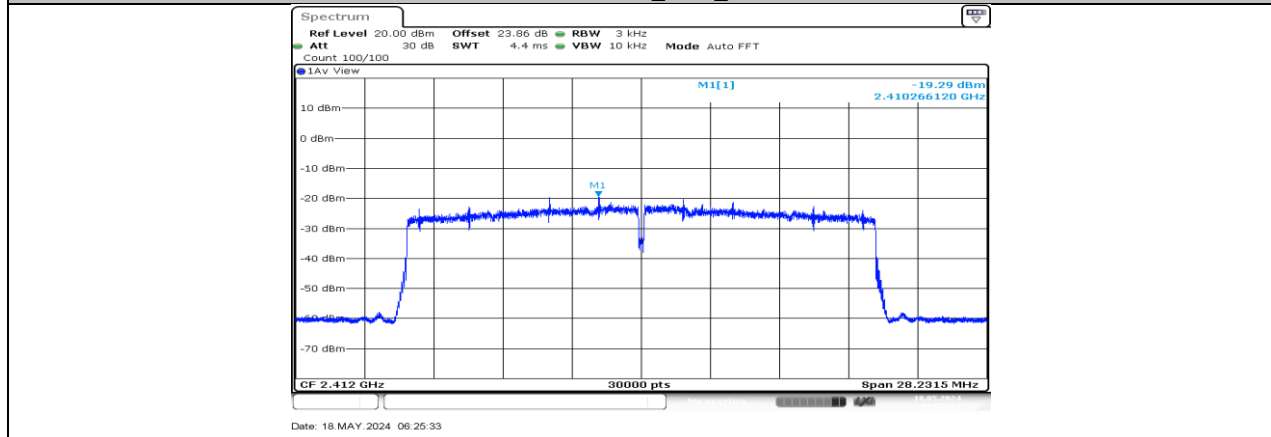




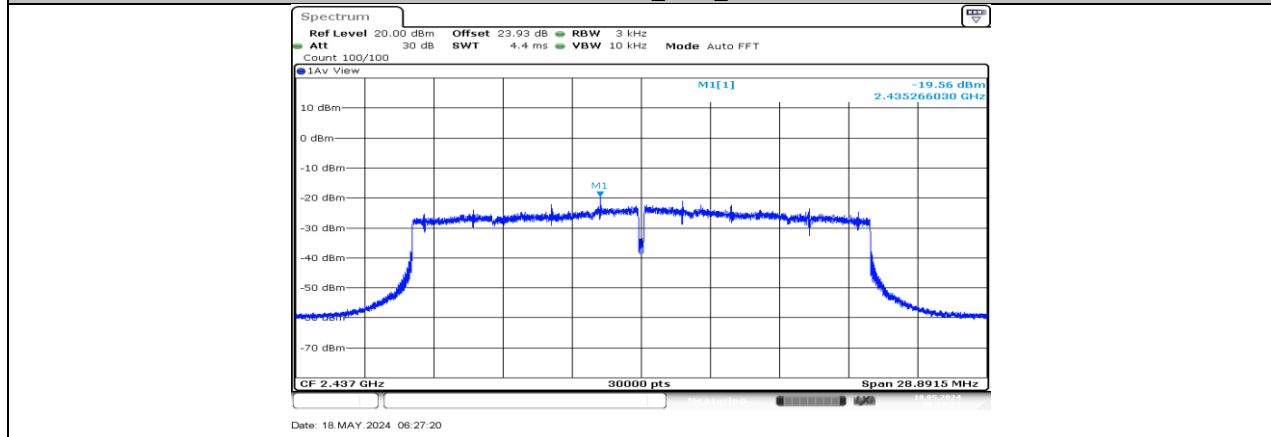
11N40MIMO_Ant2_2452



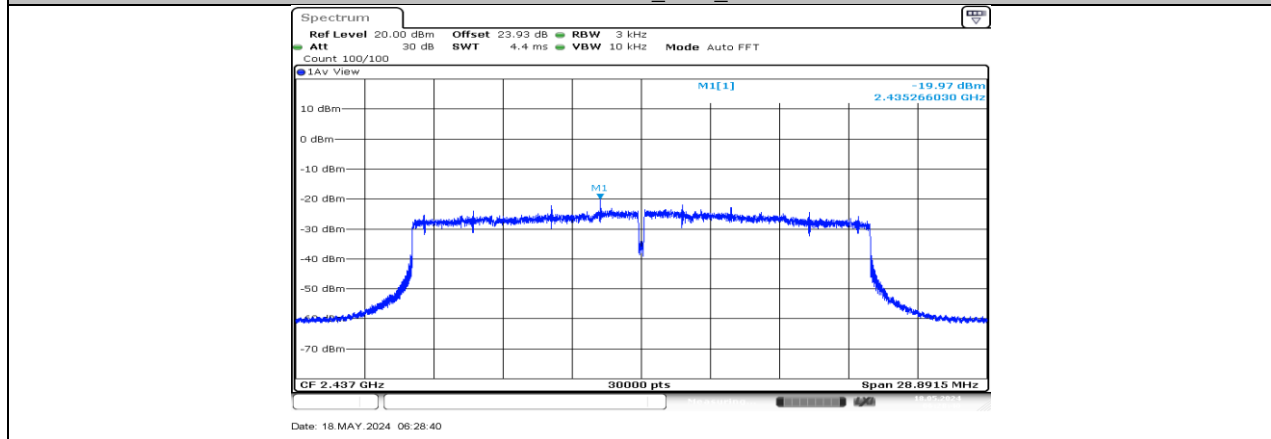
11AX20MIMO_Ant1_2412

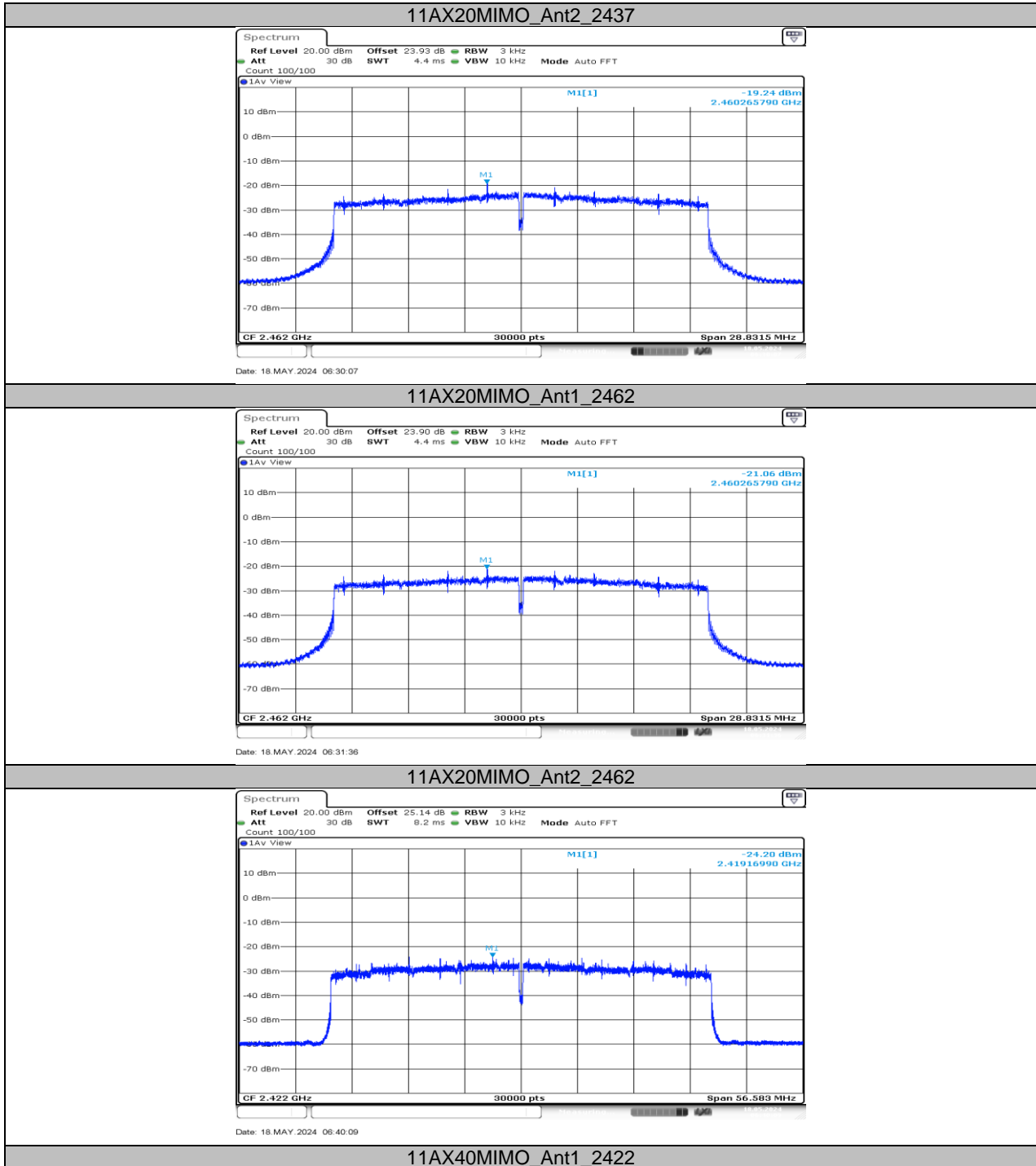


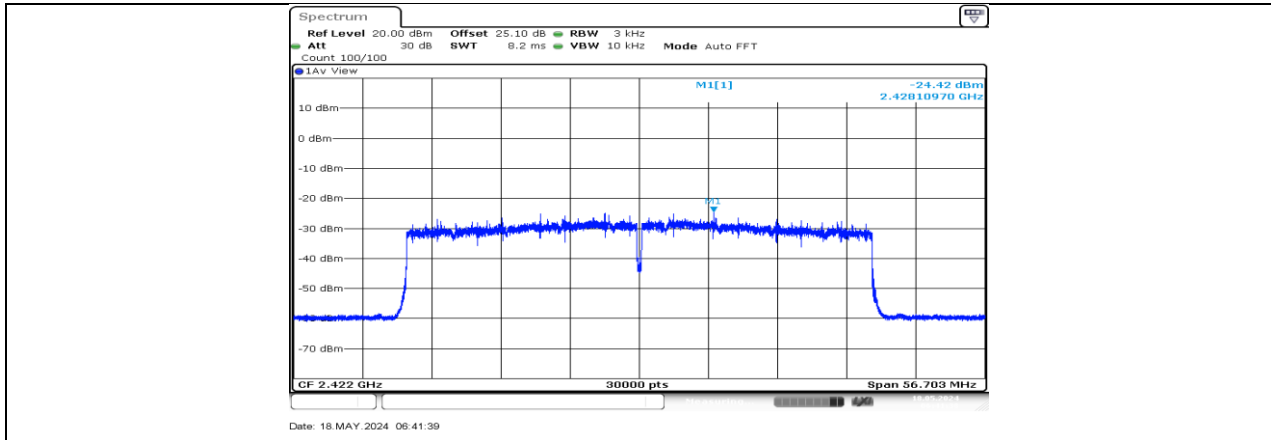
11AX20MIMO_Ant2_2412



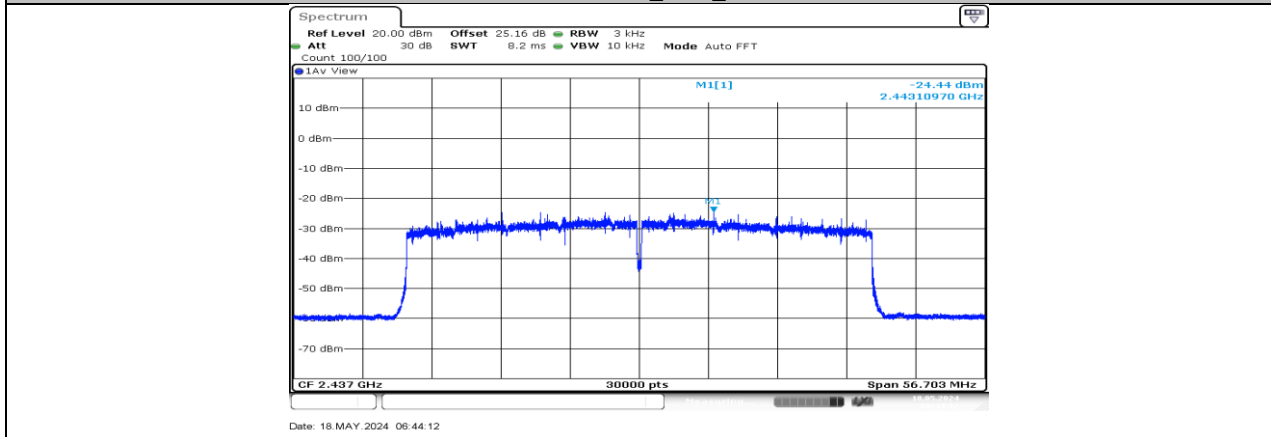
11AX20MIMO_Ant1_2437



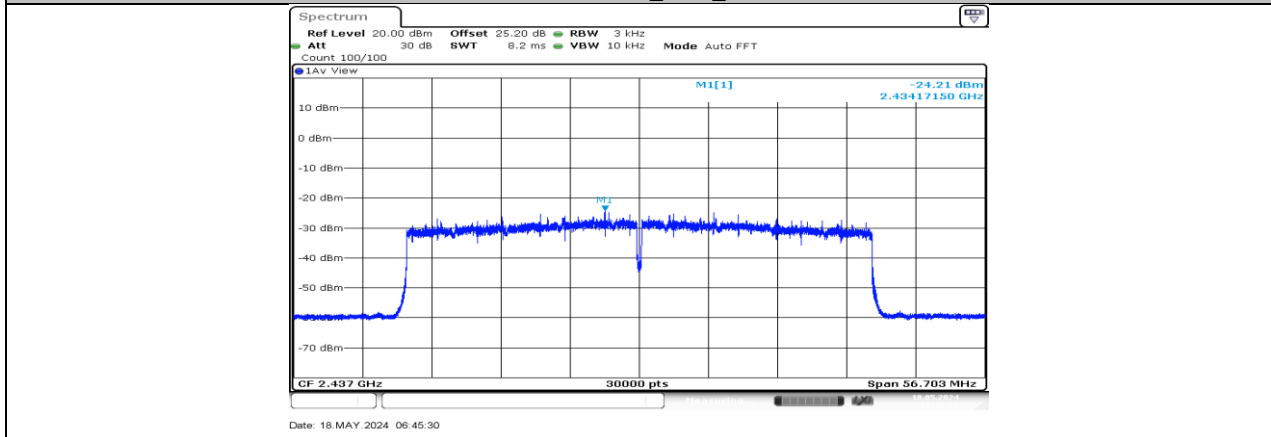




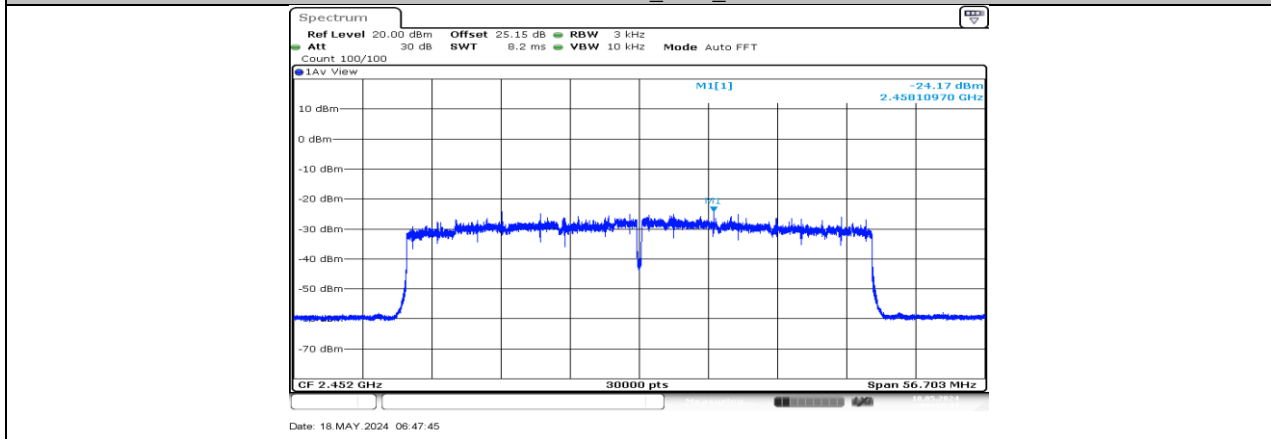
11AX40MIMO_Ant2_2422

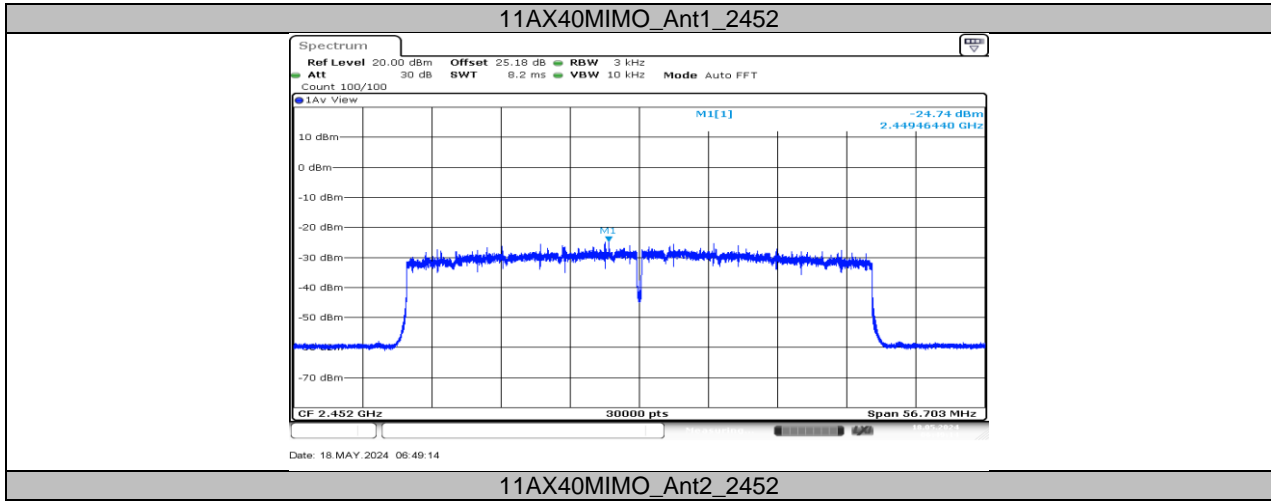


11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



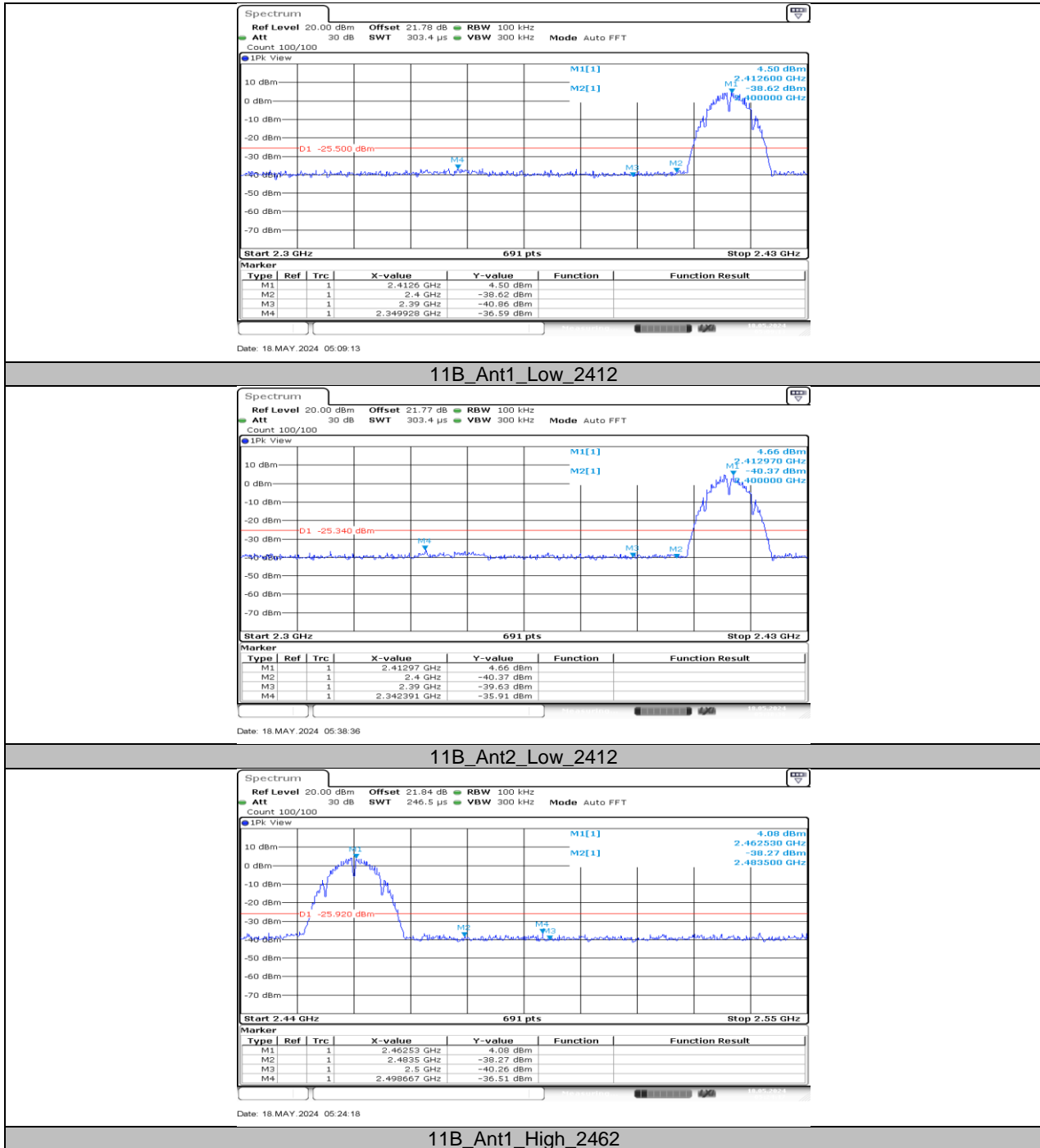


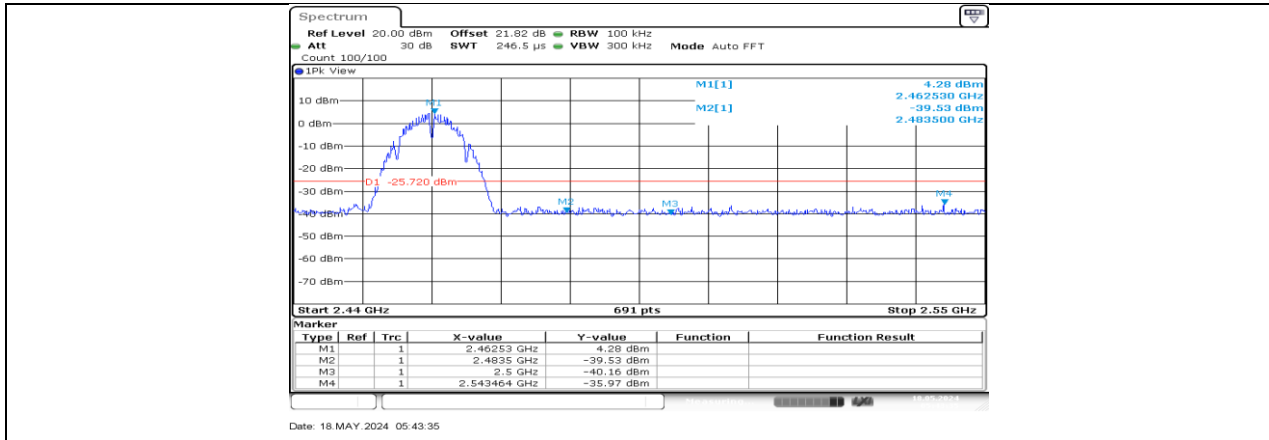
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

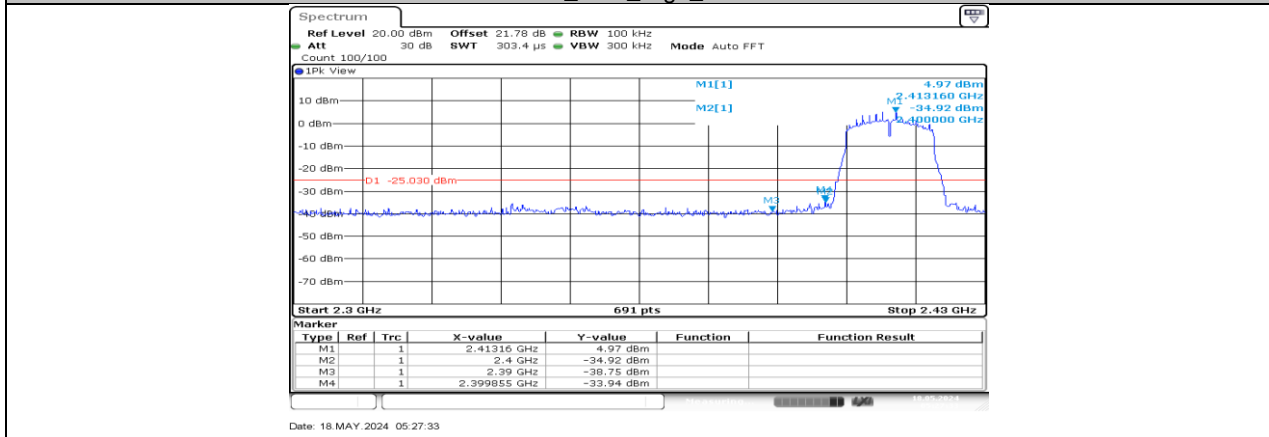
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.50	-36.59	≤-25.5	PASS
	Ant2	Low	2412	4.66	-35.91	≤-25.34	PASS
	Ant1	High	2462	4.08	-36.51	≤-25.92	PASS
	Ant2	High	2462	4.28	-35.97	≤-25.72	PASS
11G	Ant1	Low	2412	4.97	-33.94	≤-25.03	PASS
	Ant2	Low	2412	3.44	-35.31	≤-26.56	PASS
	Ant1	High	2462	0.76	-36.82	≤-29.24	PASS
	Ant2	High	2462	2.54	-36.68	≤-27.46	PASS
11N20MIMO	Ant1	Low	2412	4.57	-34.1	≤-25.43	PASS
	Ant2	Low	2412	4.30	-35.59	≤-25.7	PASS
	Ant1	High	2462	2.89	-35.99	≤-27.11	PASS
	Ant2	High	2462	1.77	-36.48	≤-28.23	PASS
11N40MIMO	Ant1	Low	2422	-0.38	-36.23	≤-30.38	PASS
	Ant2	Low	2422	-0.14	-35.66	≤-30.14	PASS
	Ant1	High	2452	0.16	-36.4	≤-29.84	PASS
	Ant2	High	2452	-0.93	-36.01	≤-30.93	PASS
11AX20MIMO	Ant1	Low	2412	1.95	-36.16	≤-28.05	PASS
	Ant2	Low	2412	-0.13	-35.6	≤-30.13	PASS
	Ant1	High	2462	0.46	-36.91	≤-29.54	PASS
	Ant2	High	2462	-1.38	-36.5	≤-31.38	PASS
11AX40MIMO	Ant1	Low	2422	-2.71	-36.07	≤-32.71	PASS
	Ant2	Low	2422	-3.74	-37.2	≤-33.74	PASS
	Ant1	High	2452	-2.38	-35.96	≤-32.38	PASS
	Ant2	High	2452	-3.16	-36.9	≤-33.16	PASS

11.5.2. Test Graphs

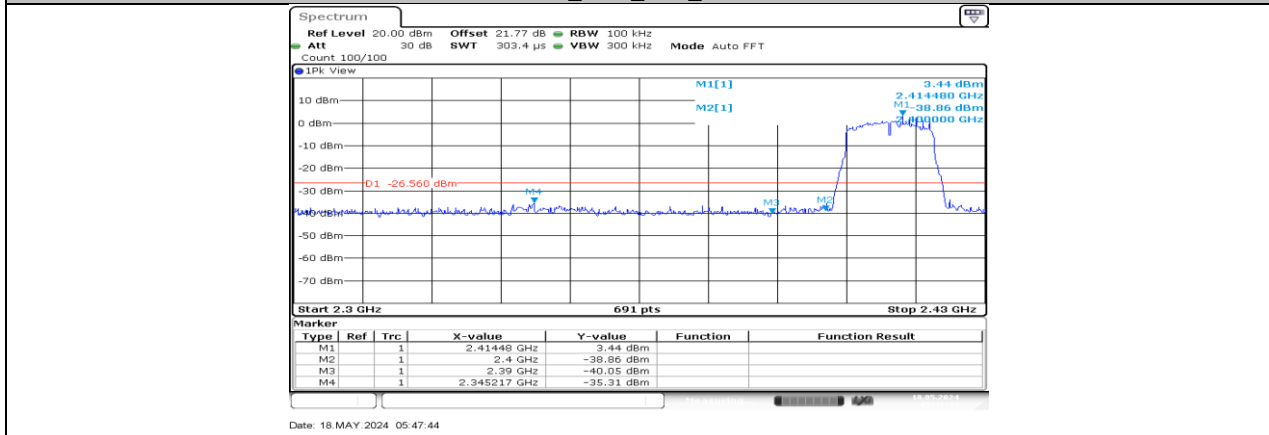




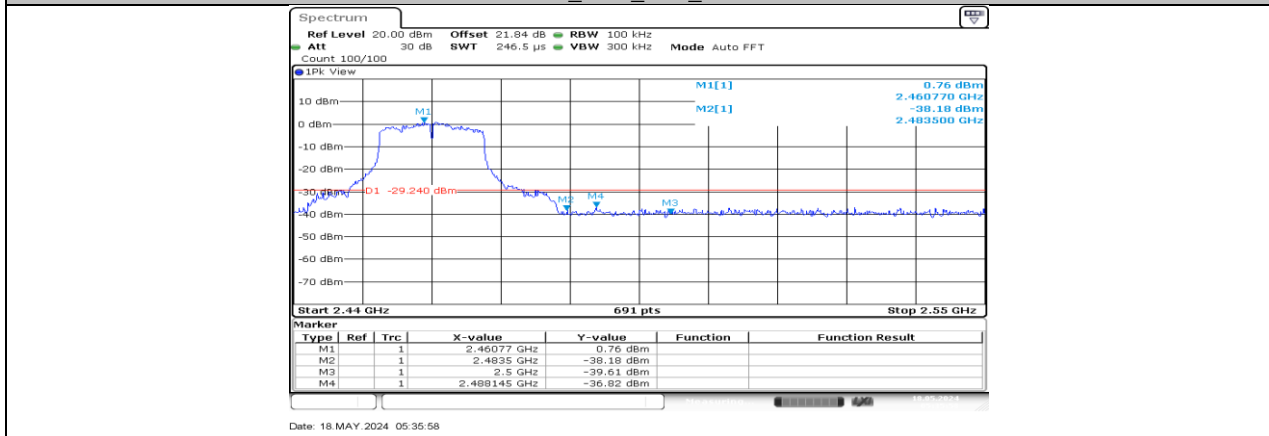
11B_Ant2_High_2462



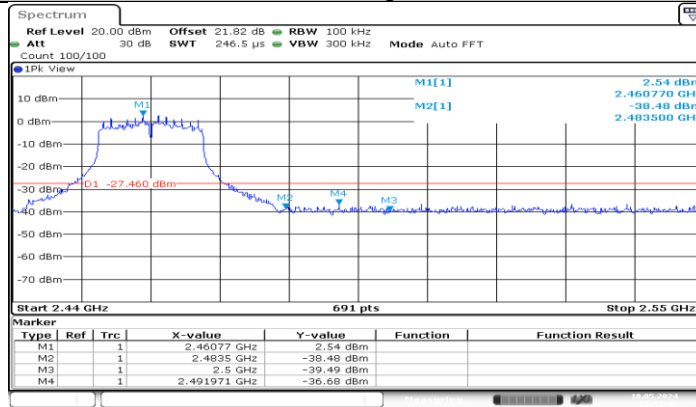
11G_Ant1_Low_2412



11G_Ant2_Low_2412

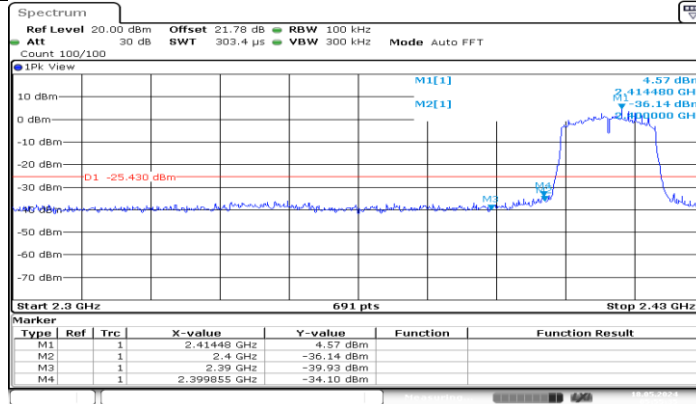


11G_Ant1_High_2462



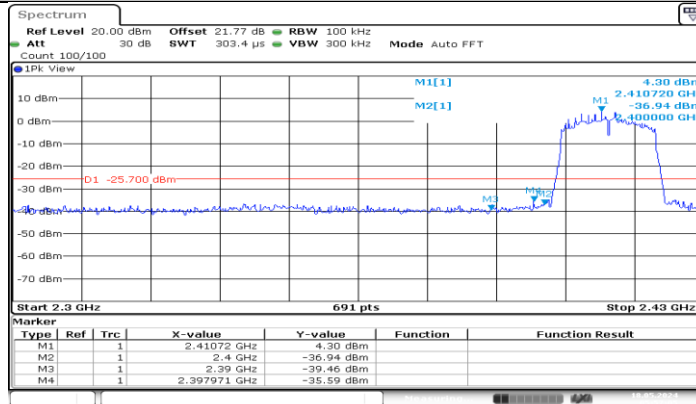
Date: 18.MAY.2024 05:52:41

11G_Ant2_High_2462



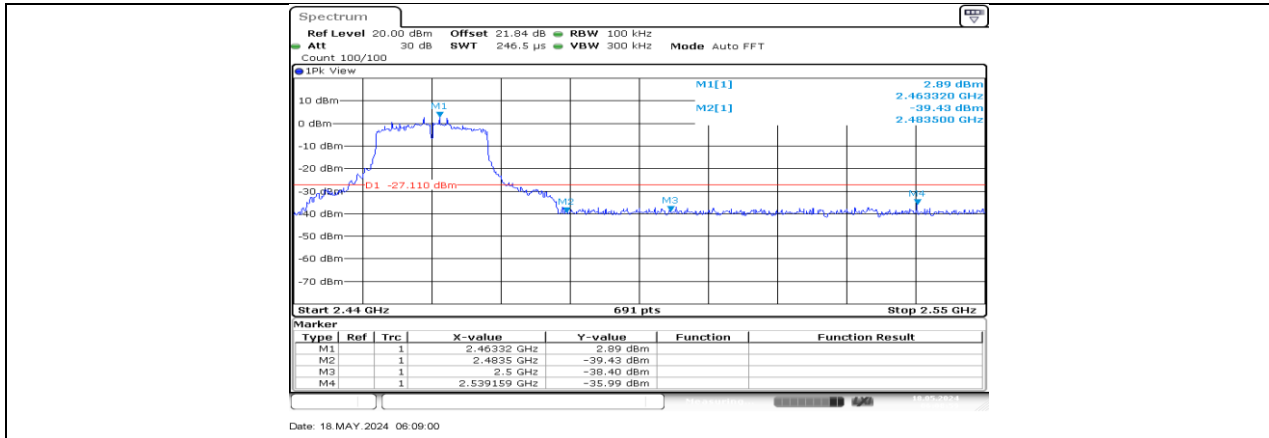
Date: 18.MAY.2024 05:55:36

11N20MIMO_Ant1_Low_2412

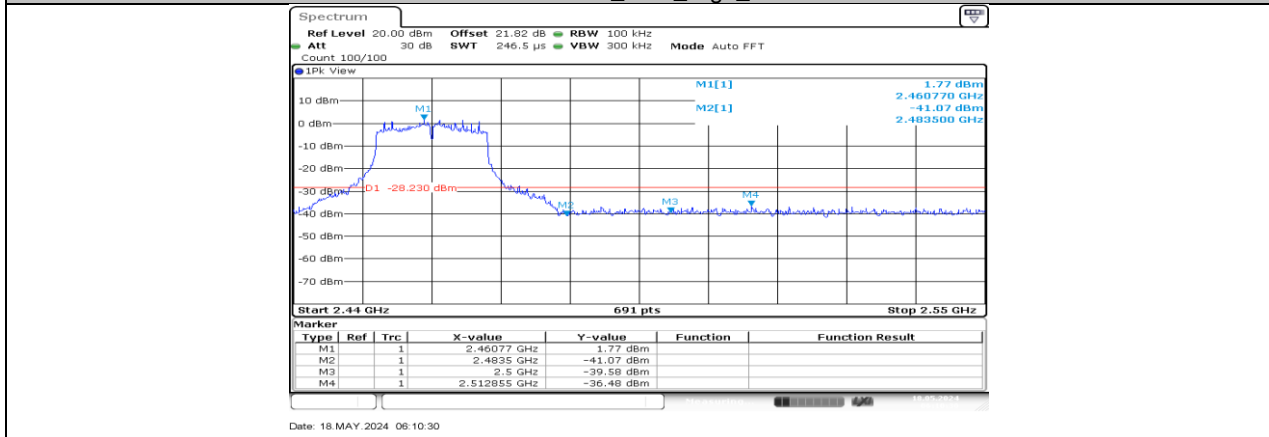


Date: 18.MAY.2024 05:57:05

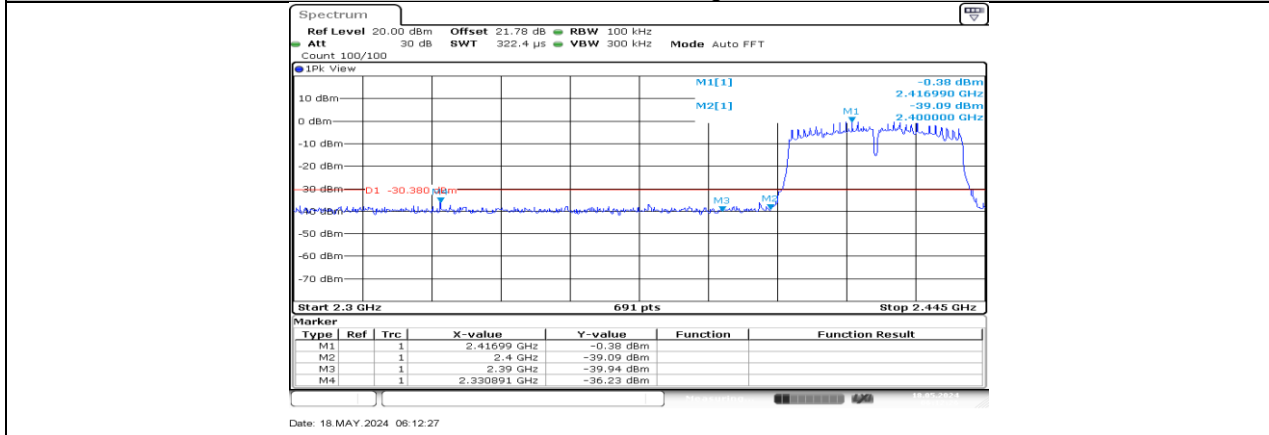
11N20MIMO_Ant2_Low_2412



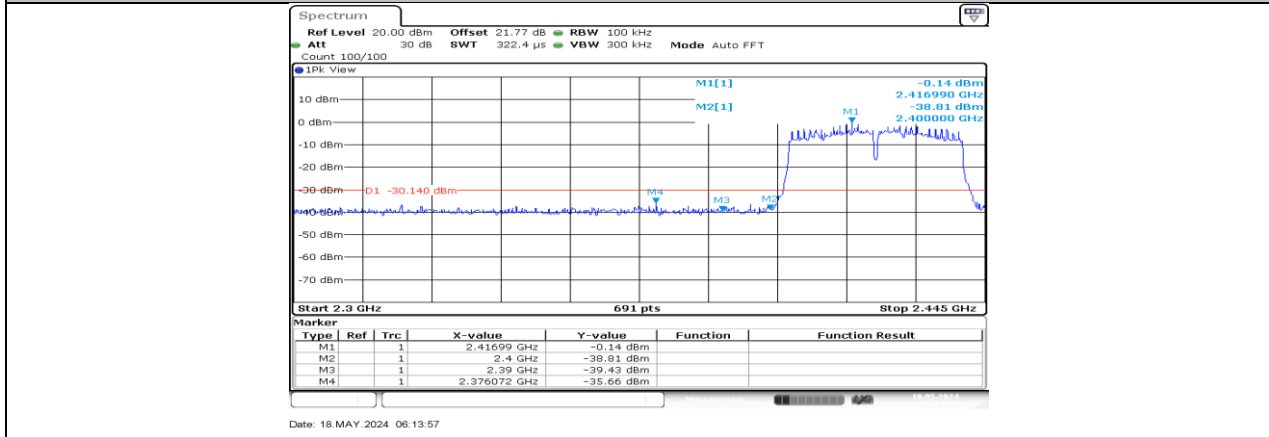
11N20MIMO_Ant1_High_2462

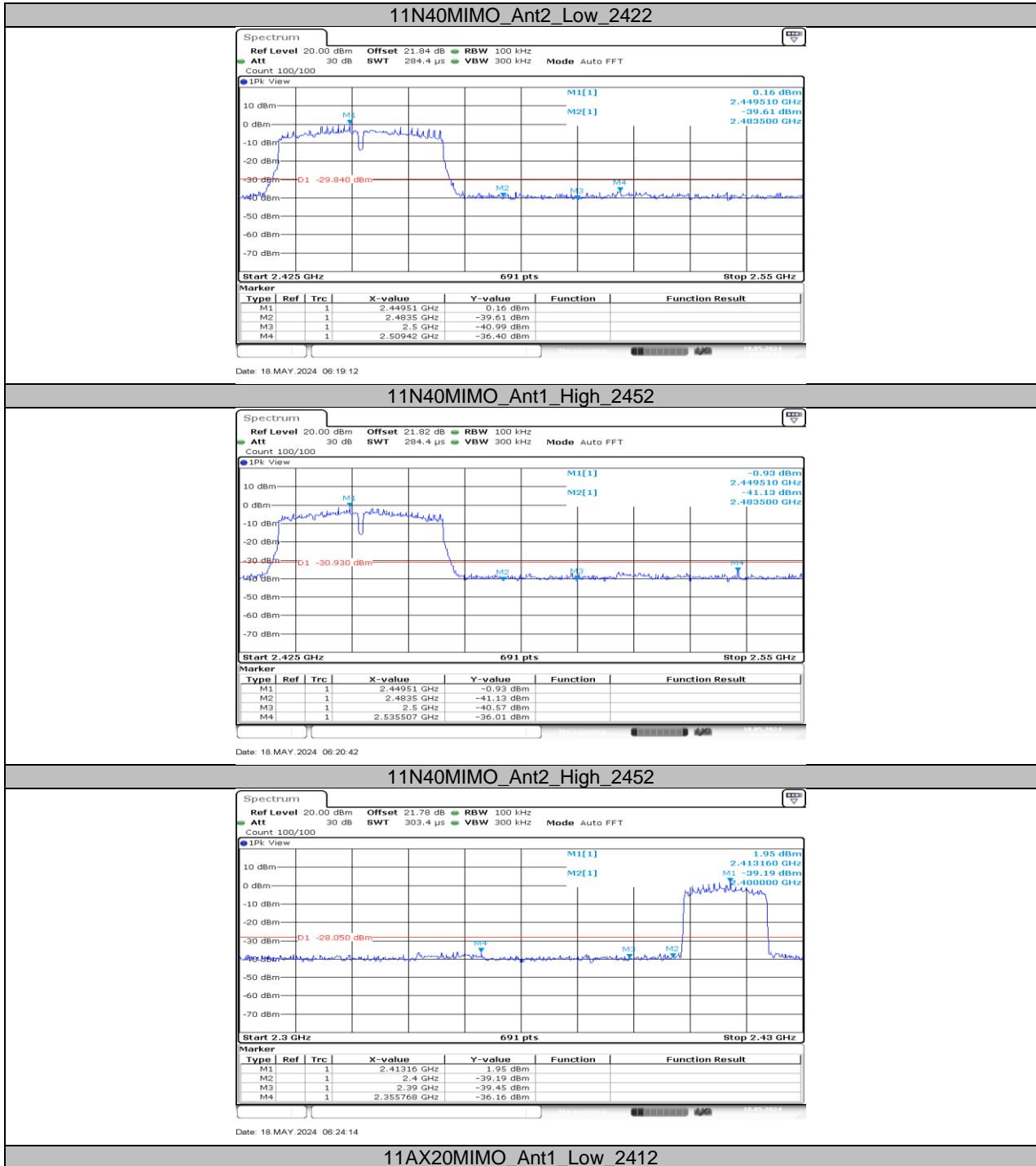


11N20MIMO_Ant2_High_2462

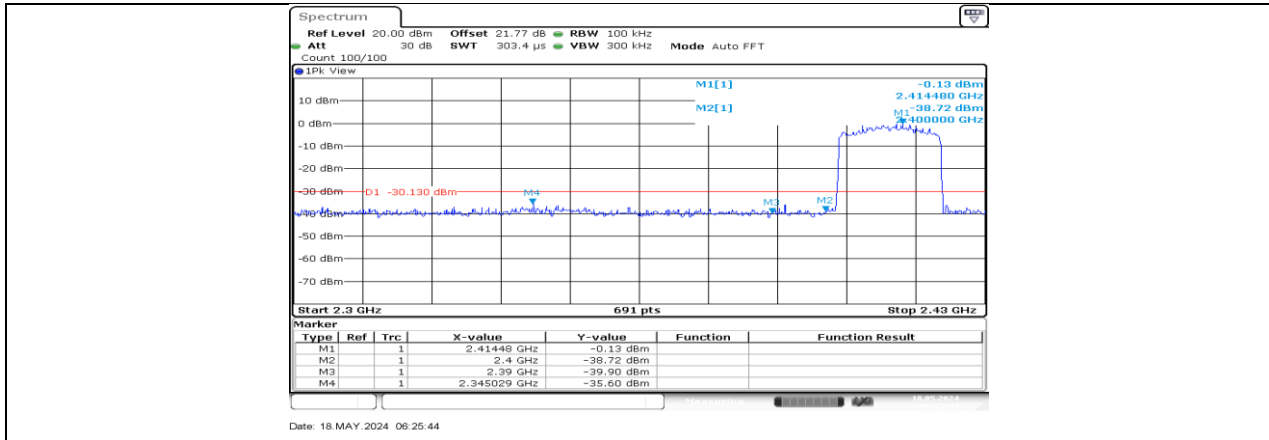


11N40MIMO_Ant1_Low_2422

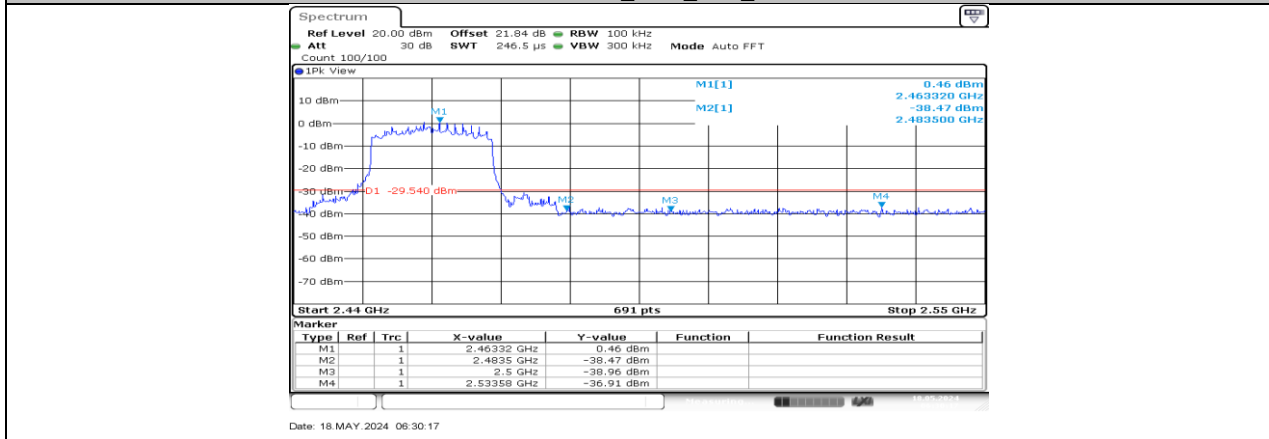




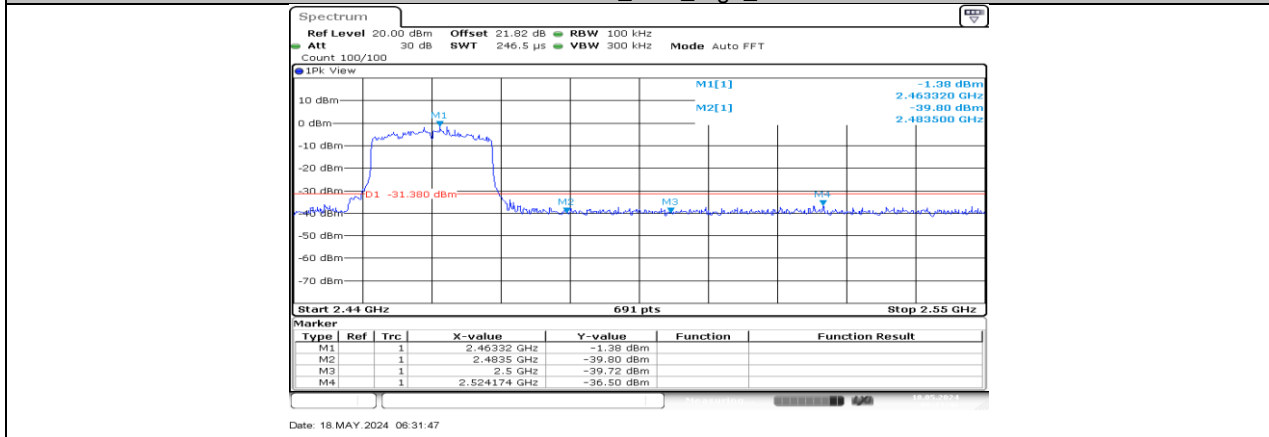
11AX20MIMO_Ant1_Low_2412



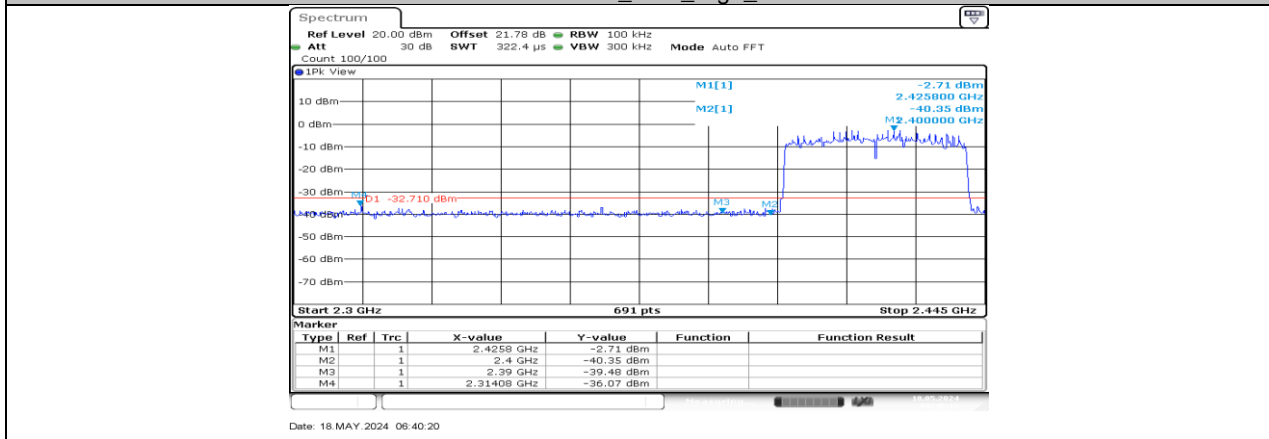
11AX20MIMO_Ant2_Low_2412

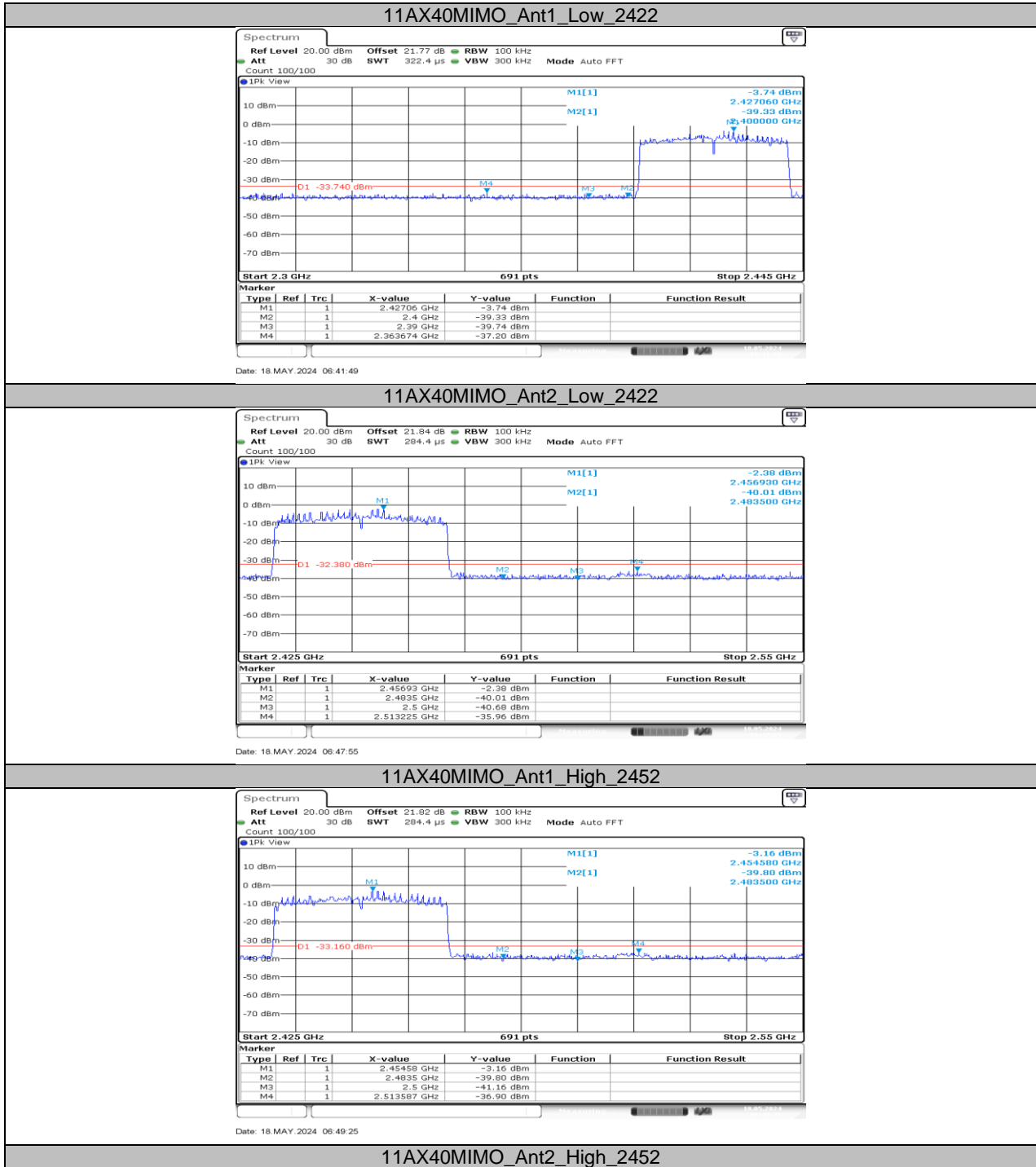


11AX20MIMO_Ant1_High_2462



11AX20MIMO_Ant2_High_2462





11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict	
11B	Ant1	2412	Reference	5.36	---	PASS	
			30~1000	-40.51	≤-24.64	PASS	
			1000~26500	-40.44	≤-24.64	PASS	
	Ant2	2412	Reference	4.25	---	PASS	
			30~1000	-39.68	≤-25.75	PASS	
			1000~26500	-39.48	≤-25.75	PASS	
	Ant1	2437	Reference	5.49	---	PASS	
			30~1000	-40.23	≤-24.51	PASS	
			1000~26500	-40.39	≤-24.51	PASS	
	Ant2	2437	Reference	4.82	---	PASS	
			30~1000	-40.29	≤-25.18	PASS	
			1000~26500	-40.24	≤-25.18	PASS	
	Ant1	2462	Reference	5.47	---	PASS	
			30~1000	-39.84	≤-24.53	PASS	
			1000~26500	-40.28	≤-24.53	PASS	
	Ant2	2462	Reference	4.17	---	PASS	
			30~1000	-39.94	≤-25.83	PASS	
			1000~26500	-40.85	≤-25.83	PASS	
	11G	Ant1	2412	Reference	5.05	---	PASS
				30~1000	-40.02	≤-24.95	PASS
				1000~26500	-39.93	≤-24.95	PASS
Ant2		2412	Reference	4.00	---	PASS	
			30~1000	-40.42	≤-26	PASS	
			1000~26500	-40.33	≤-26	PASS	
Ant1		2437	Reference	3.77	---	PASS	
			30~1000	-40.07	≤-26.23	PASS	
			1000~26500	-40.78	≤-26.23	PASS	
Ant2		2437	Reference	2.34	---	PASS	
			30~1000	-40	≤-27.66	PASS	
			1000~26500	-40.69	≤-27.66	PASS	
Ant1		2462	Reference	3.79	---	PASS	
			30~1000	-40.46	≤-26.21	PASS	
			1000~26500	-40.4	≤-26.21	PASS	
Ant2		2462	Reference	2.98	---	PASS	
			30~1000	-39.64	≤-27.02	PASS	
			1000~26500	-40.73	≤-27.02	PASS	
11N20MIMO		Ant1	2412	Reference	4.57	---	PASS
				30~1000	-40.19	≤-25.43	PASS
				1000~26500	-40.77	≤-25.43	PASS
	Ant2	2412	Reference	3.75	---	PASS	
			30~1000	-39.35	≤-26.25	PASS	
			1000~26500	-40.65	≤-26.25	PASS	
	Ant1	2437	Reference	3.77	---	PASS	
			30~1000	-39.4	≤-26.23	PASS	
			1000~26500	-40.88	≤-26.23	PASS	
	Ant2	2437	Reference	2.15	---	PASS	
			30~1000	-39.96	≤-27.85	PASS	
			1000~26500	-40.49	≤-27.85	PASS	
	Ant1	2462	Reference	3.99	---	PASS	
			30~1000	-39.94	≤-26.01	PASS	
			1000~26500	-39.78	≤-26.01	PASS	
Ant2	2462	Reference	2.54	---	PASS		
		30~1000	-40.33	≤-27.46	PASS		
		1000~26500	-40.45	≤-27.46	PASS		
11N40MIMO	Ant1	2422	Reference	0.63	---	PASS	
			30~1000	-39.8	≤-29.37	PASS	
			1000~26500	-40.15	≤-29.37	PASS	
	Ant2	2422	Reference	-0.52	---	PASS	

	Ant1	2437	30~1000	-39.27	≤ -30.52	PASS
			1000~26500	-40.46	≤ -30.52	PASS
			Reference	0.37	---	PASS
			30~1000	-39.71	≤ -29.63	PASS
			1000~26500	-38.98	≤ -29.63	PASS
			Reference	-0.38	---	PASS
	Ant2	2437	30~1000	-39.72	≤ -30.38	PASS
			1000~26500	-40.38	≤ -30.38	PASS
			Reference	0.51	---	PASS
	Ant1	2452	30~1000	-39.88	≤ -29.49	PASS
			1000~26500	-41.01	≤ -29.49	PASS
			Reference	-0.49	---	PASS
Ant2	2452	30~1000	-40.04	≤ -30.49	PASS	
		1000~26500	-40.13	≤ -30.49	PASS	
		Reference	2.30	---	PASS	
11AX20MIMO	Ant1	2412	30~1000	-40.55	≤ -27.7	PASS
			1000~26500	-40.62	≤ -27.7	PASS
			Reference	1.51	---	PASS
	Ant2	2412	30~1000	-40.02	≤ -28.49	PASS
			1000~26500	-39.98	≤ -28.49	PASS
			Reference	0.87	---	PASS
	Ant1	2437	30~1000	-39.91	≤ -29.13	PASS
			1000~26500	-39.59	≤ -29.13	PASS
			Reference	0.13	---	PASS
	Ant2	2437	30~1000	-40.15	≤ -29.87	PASS
			1000~26500	-40.44	≤ -29.87	PASS
			Reference	1.15	---	PASS
	Ant1	2462	30~1000	-39.86	≤ -28.85	PASS
			1000~26500	-40.29	≤ -28.85	PASS
			Reference	0.27	---	PASS
	Ant2	2462	30~1000	-39.84	≤ -29.73	PASS
			1000~26500	-40.59	≤ -29.73	PASS
			Reference	-2.59	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-39.94	≤ -32.59	PASS
			1000~26500	-40.6	≤ -32.59	PASS
			Reference	-3.01	---	PASS
	Ant2	2422	30~1000	-39.91	≤ -33.01	PASS
			1000~26500	-39.74	≤ -33.01	PASS
			Reference	-2.50	---	PASS
	Ant1	2437	30~1000	-40.14	≤ -32.5	PASS
			1000~26500	-40.36	≤ -32.5	PASS
			Reference	-2.55	---	PASS
	Ant2	2437	30~1000	-39.81	≤ -32.55	PASS
			1000~26500	-40.12	≤ -32.55	PASS
			Reference	-2.88	---	PASS
	Ant1	2452	30~1000	-40.05	≤ -32.88	PASS
			1000~26500	-40.46	≤ -32.88	PASS
			Reference	-2.56	---	PASS
	Ant2	2452	30~1000	-39.88	≤ -32.56	PASS
			1000~26500	-40.41	≤ -32.56	PASS

11.6.2. Test Graphs

