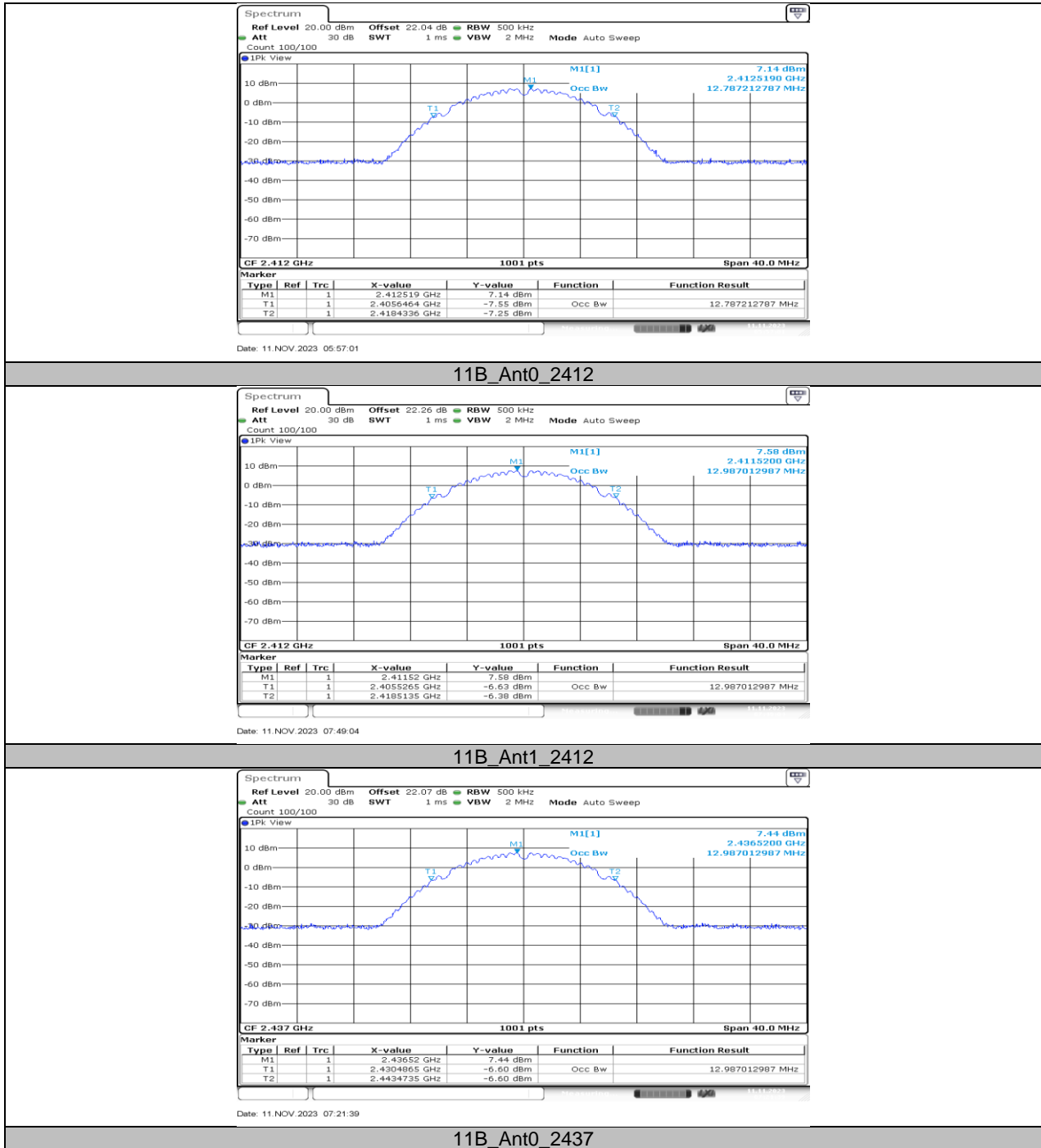
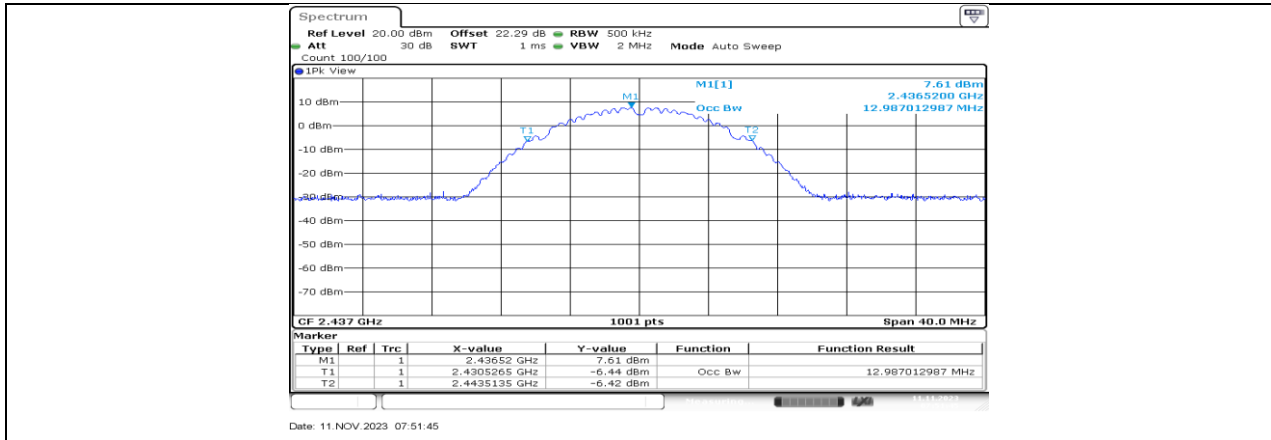
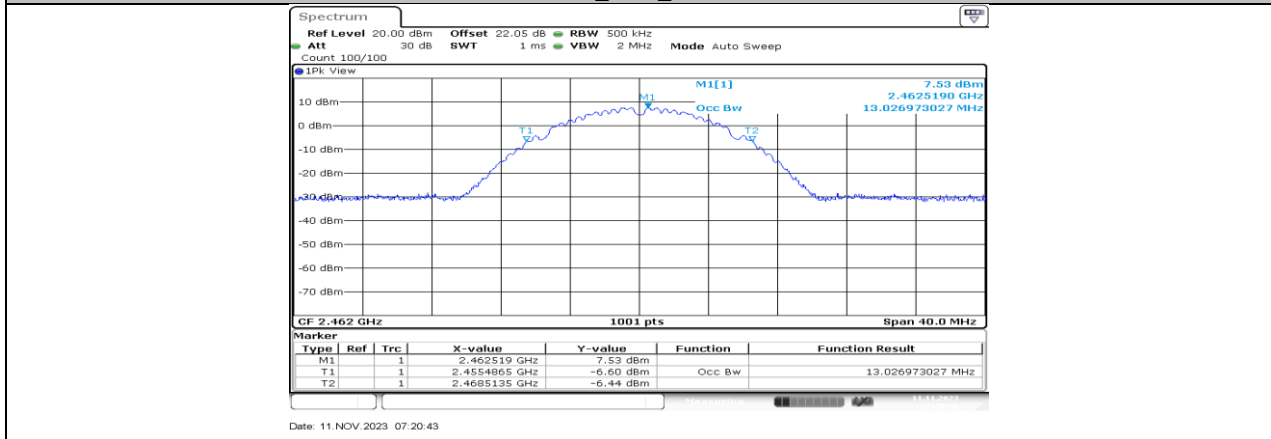


11.2.2. Test Graphs

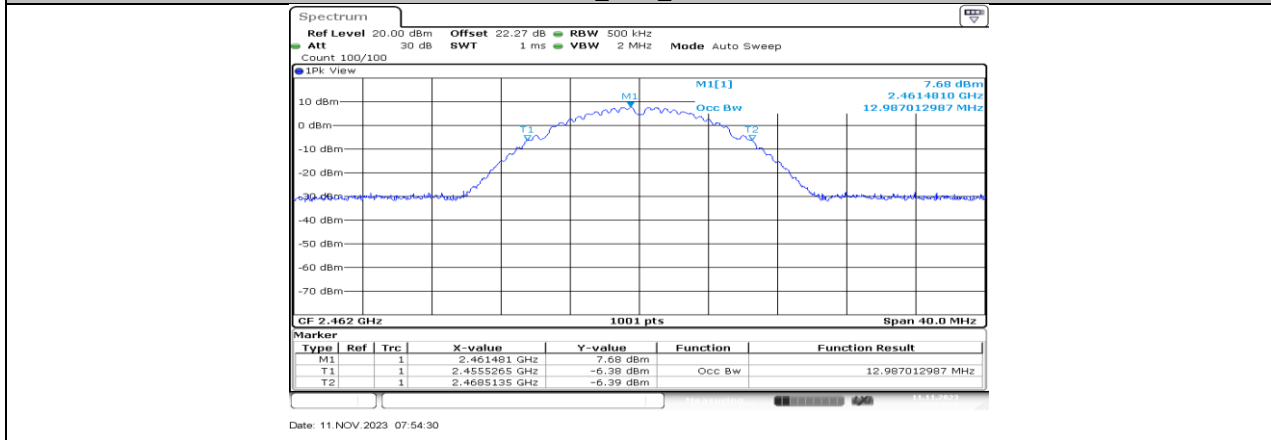




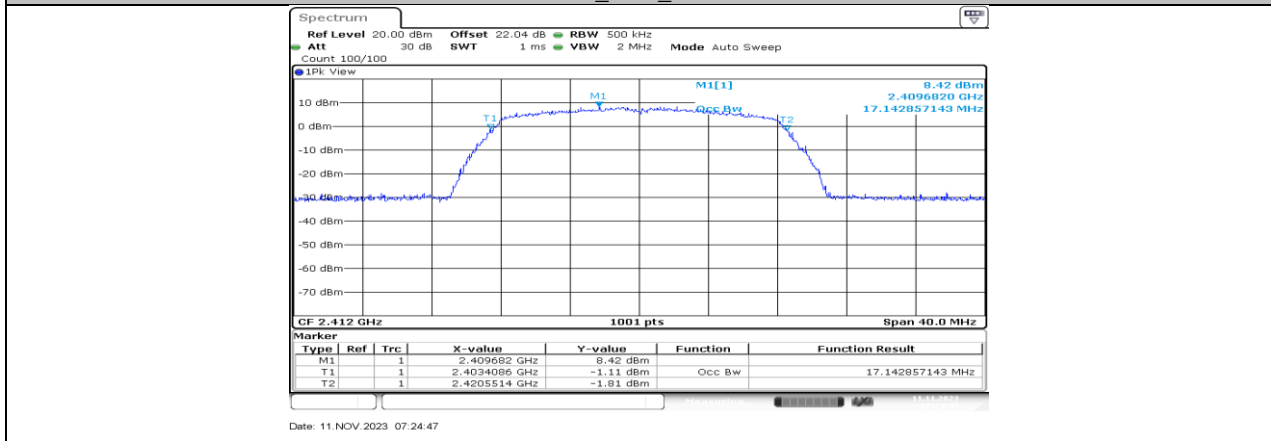
11B_Ant1_2437

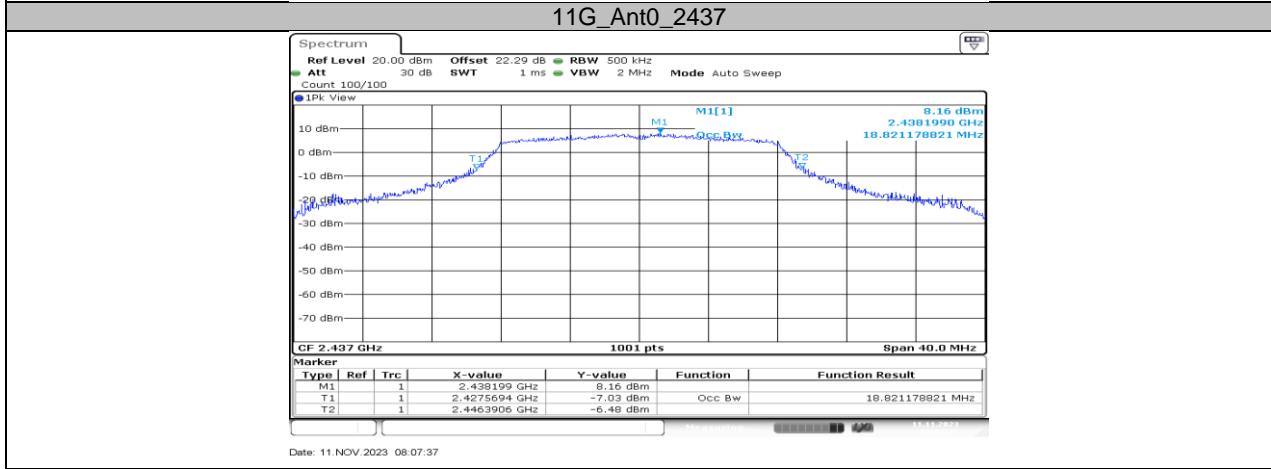
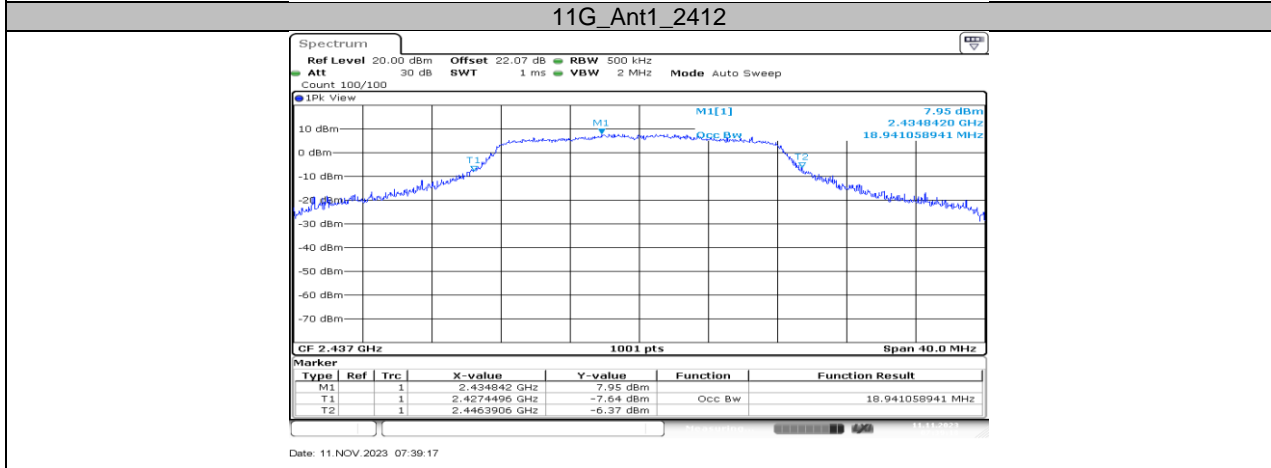
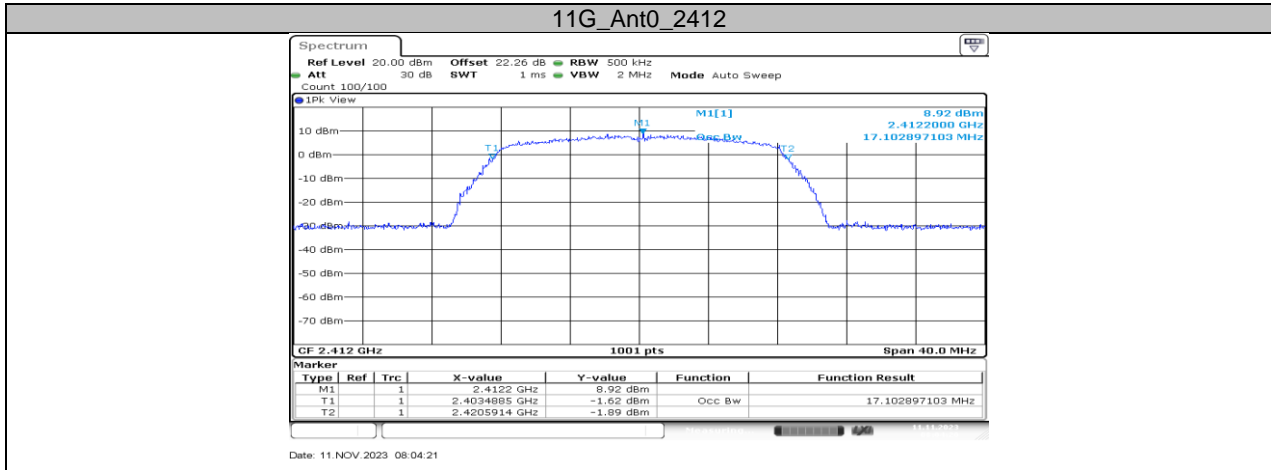


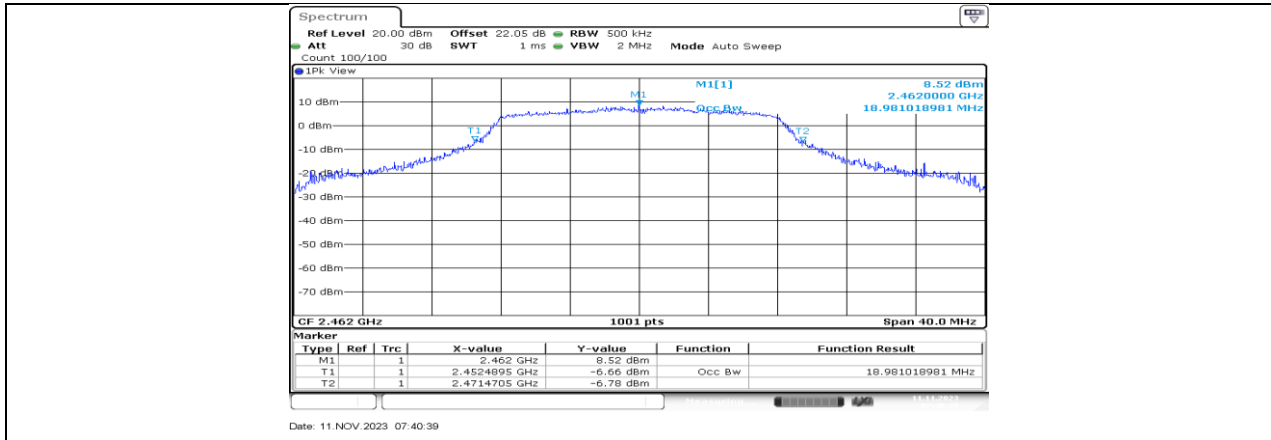
11B_Ant0_2462



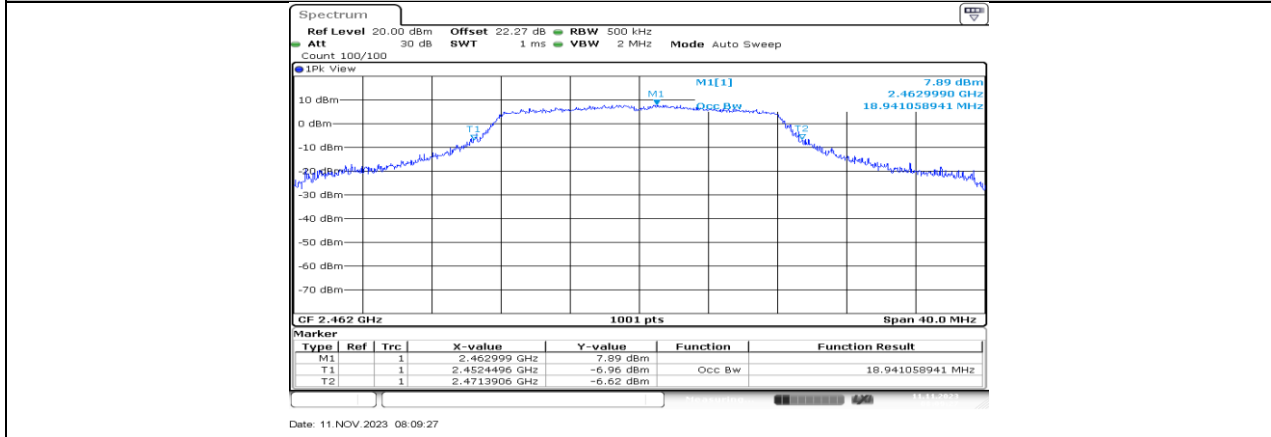
11B_Ant1_2462



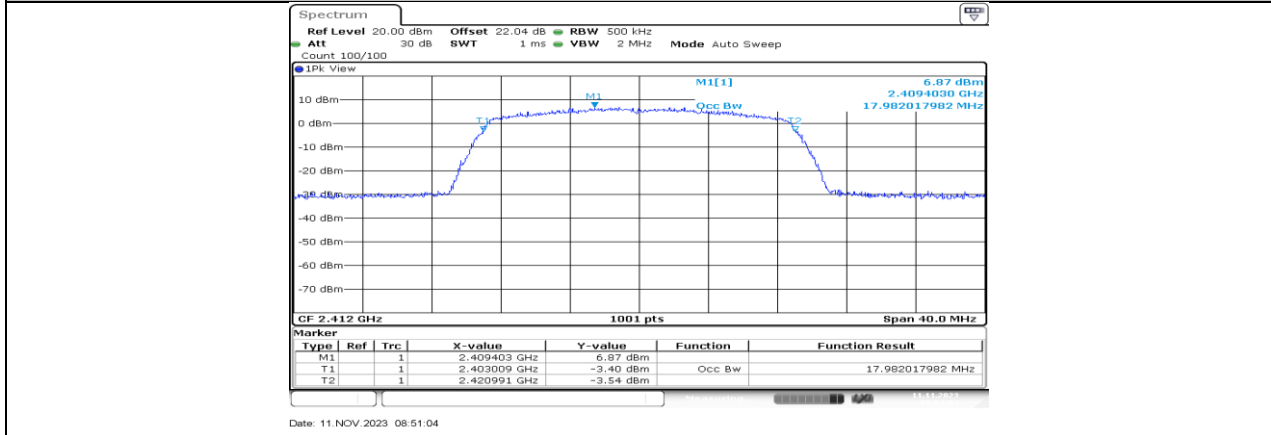




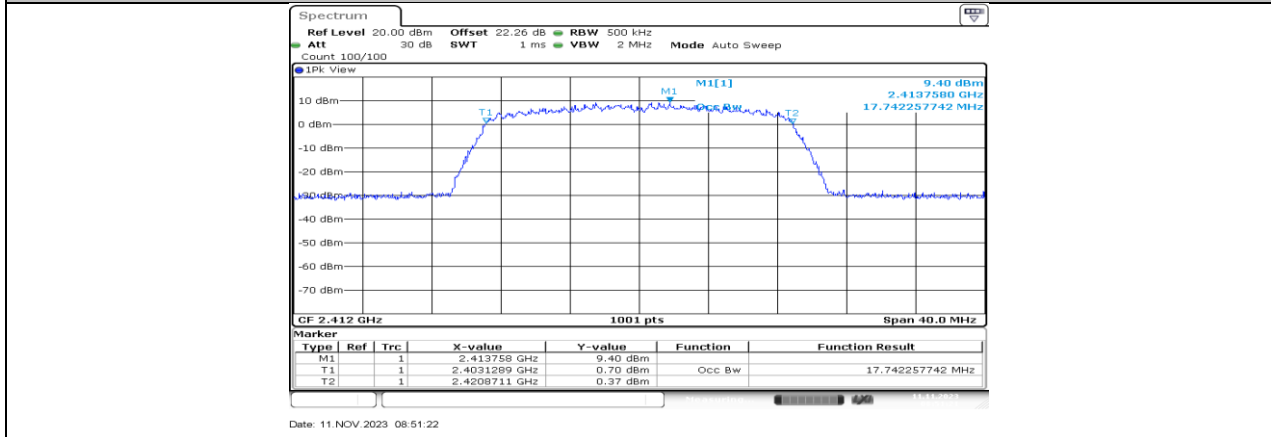
11G_Ant0_2462

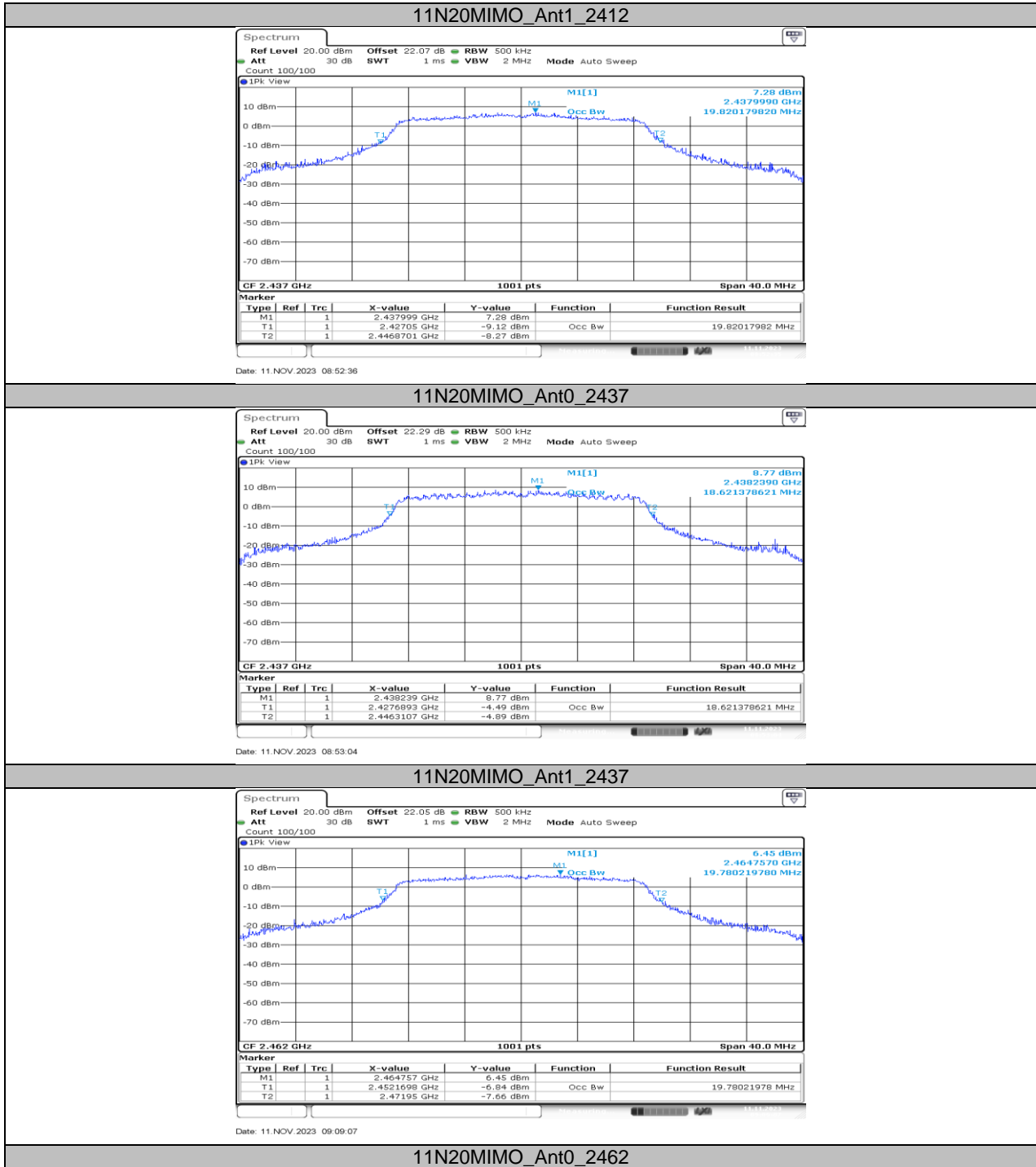


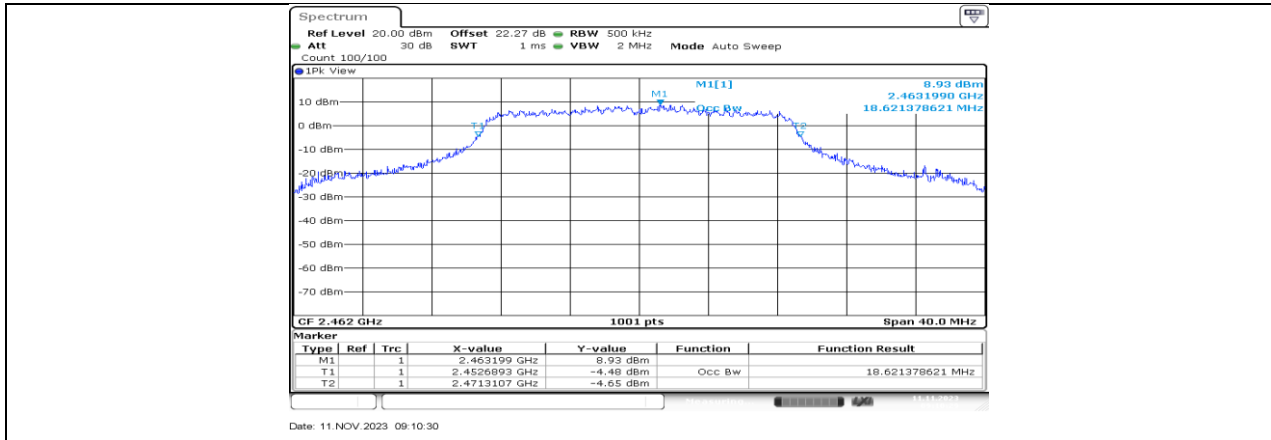
11G_Ant1_2462



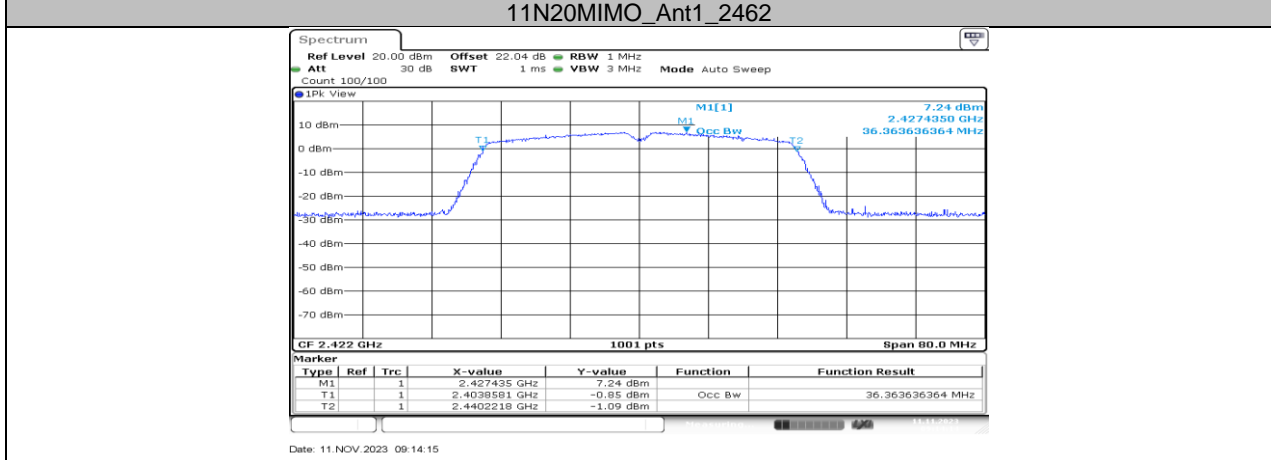
11N20MIMO_Ant0_2412



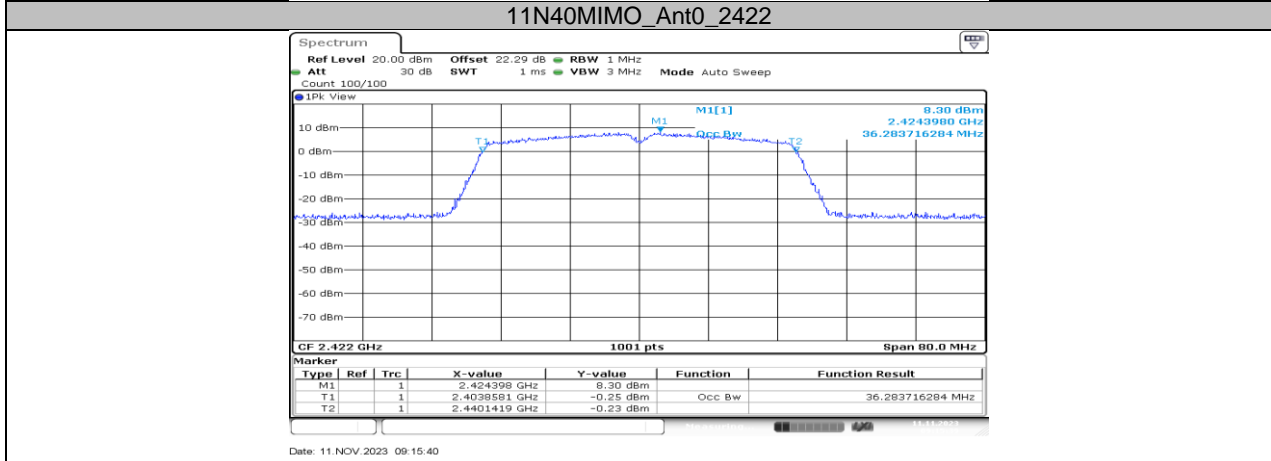




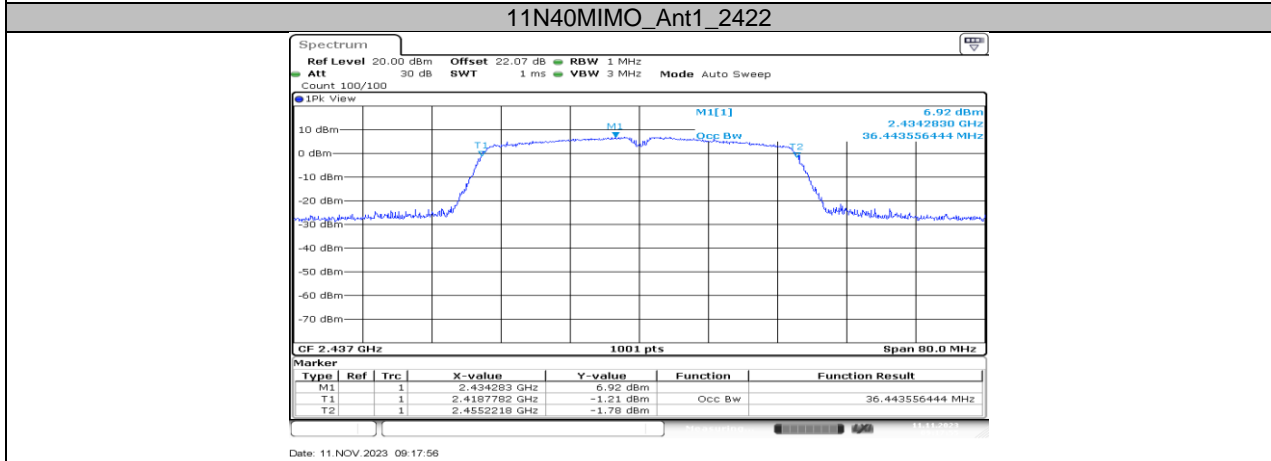
Date: 11.NOV.2023 09:10:30



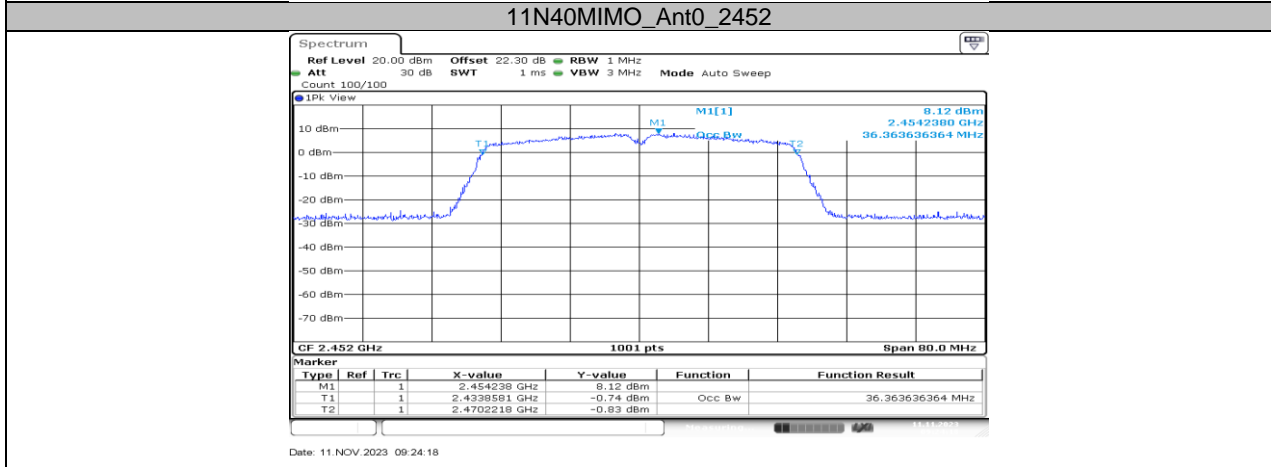
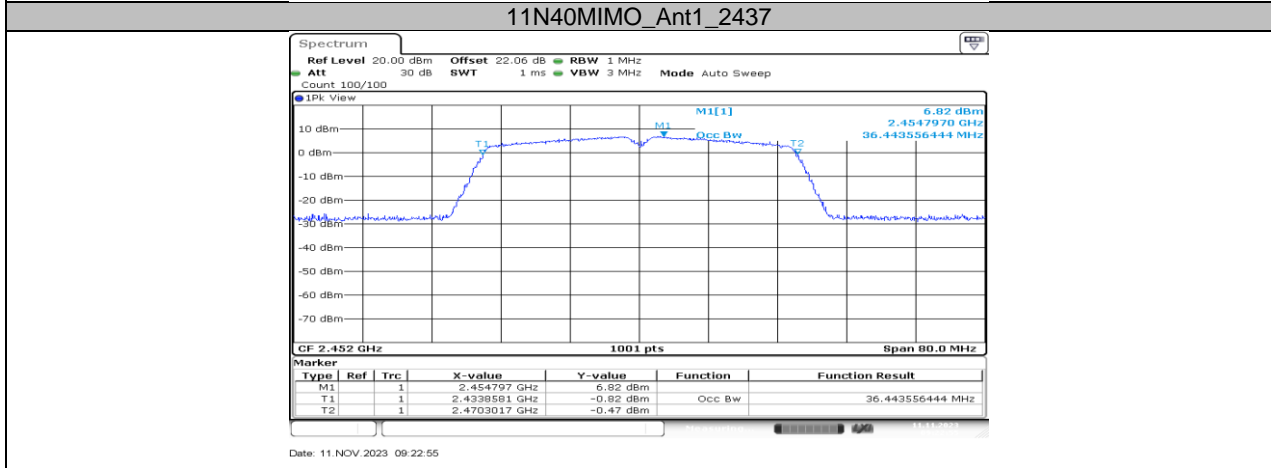
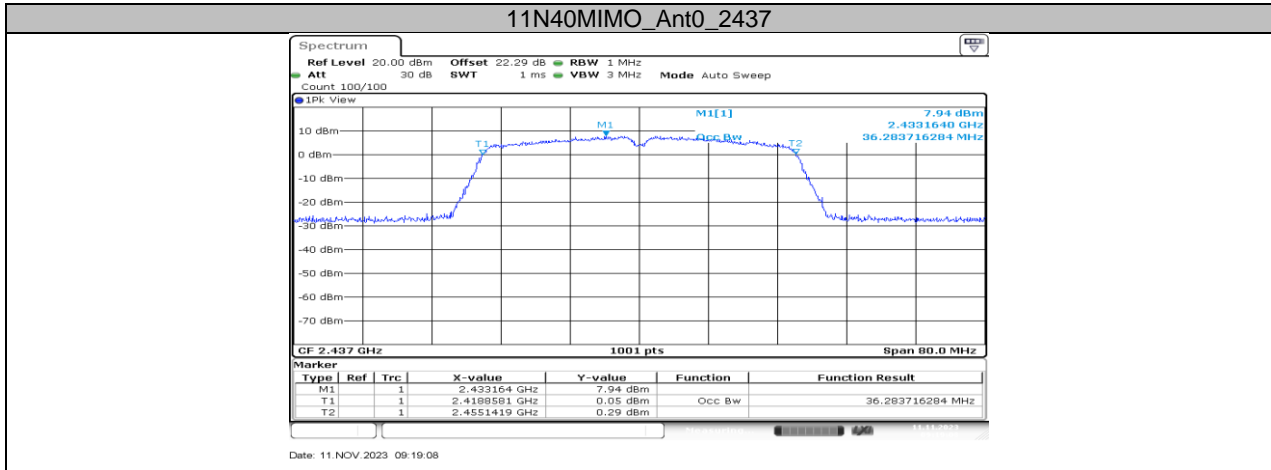
Date: 11.NOV.2023 09:14:15



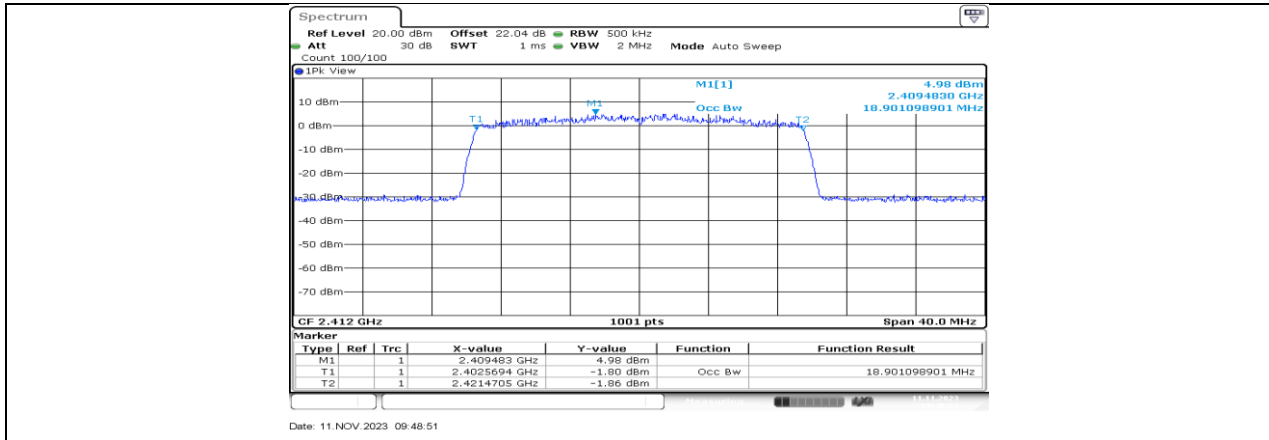
Date: 11.NOV.2023 09:15:40



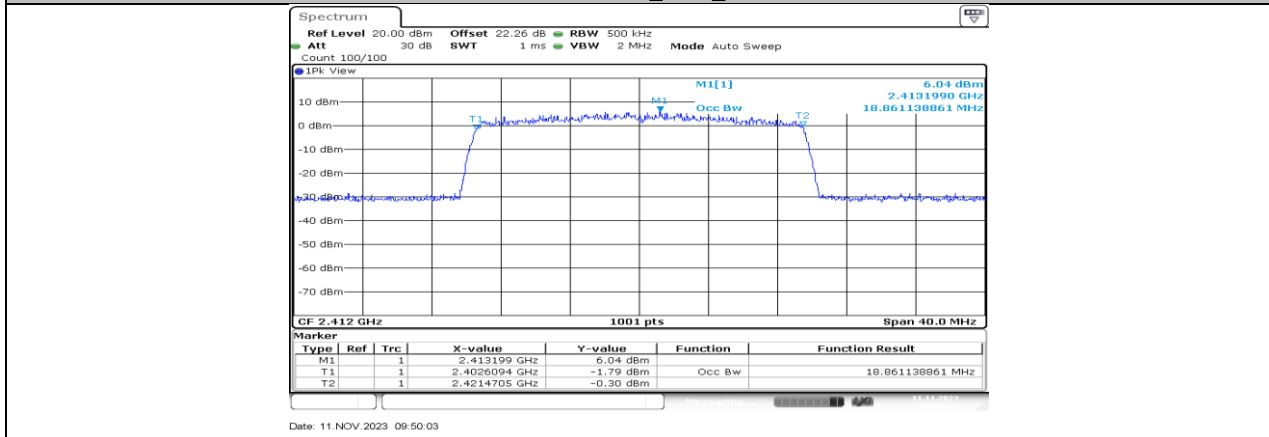
Date: 11.NOV.2023 09:17:58



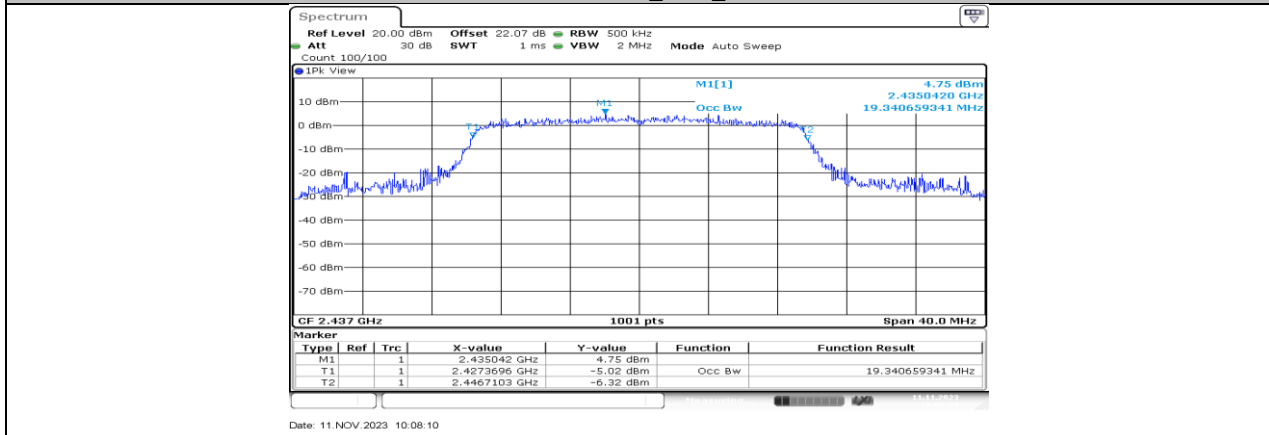
11N40MIMO_Ant1_2452



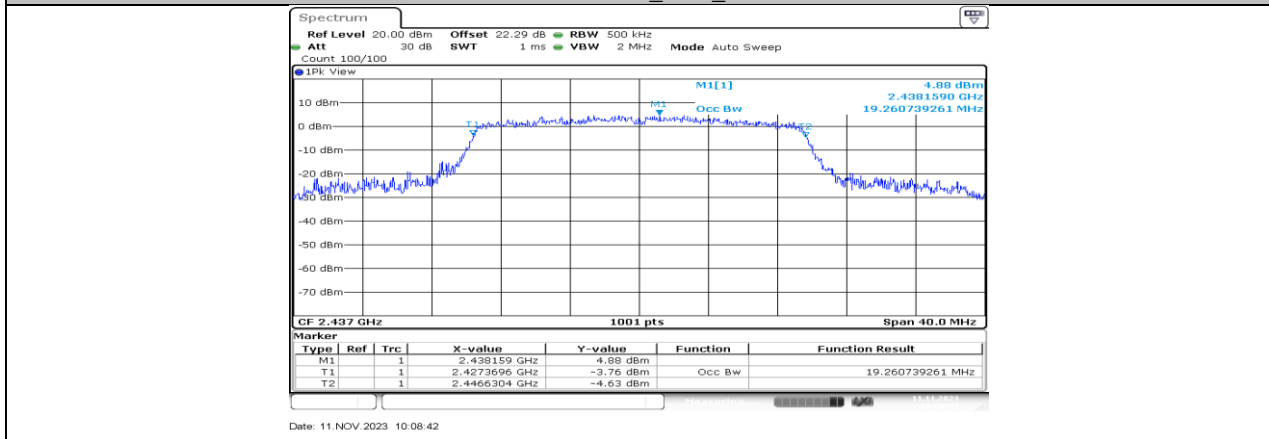
11AX20MIMO_Ant0_2412

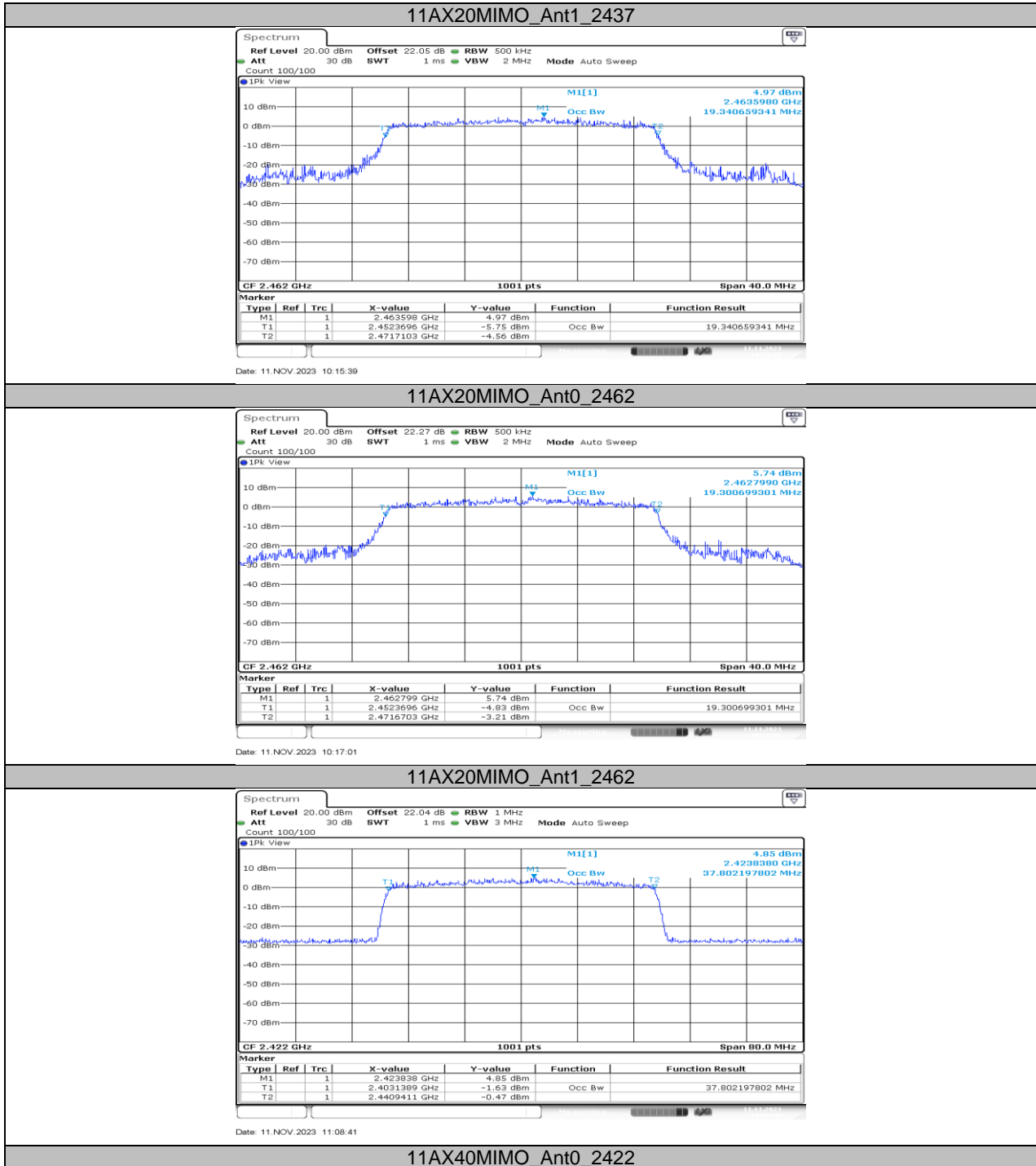


11AX20MIMO_Ant1_2412

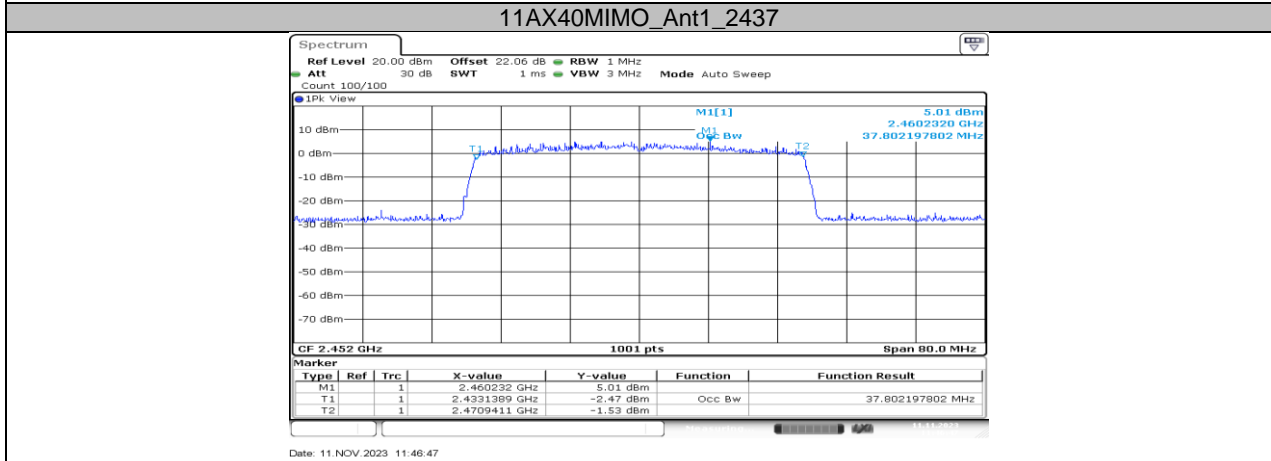
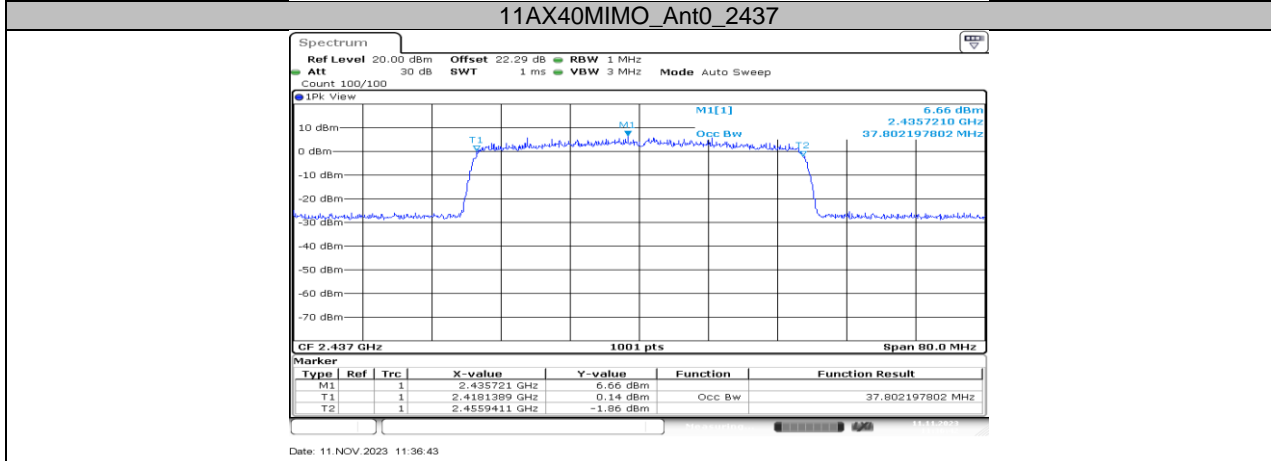
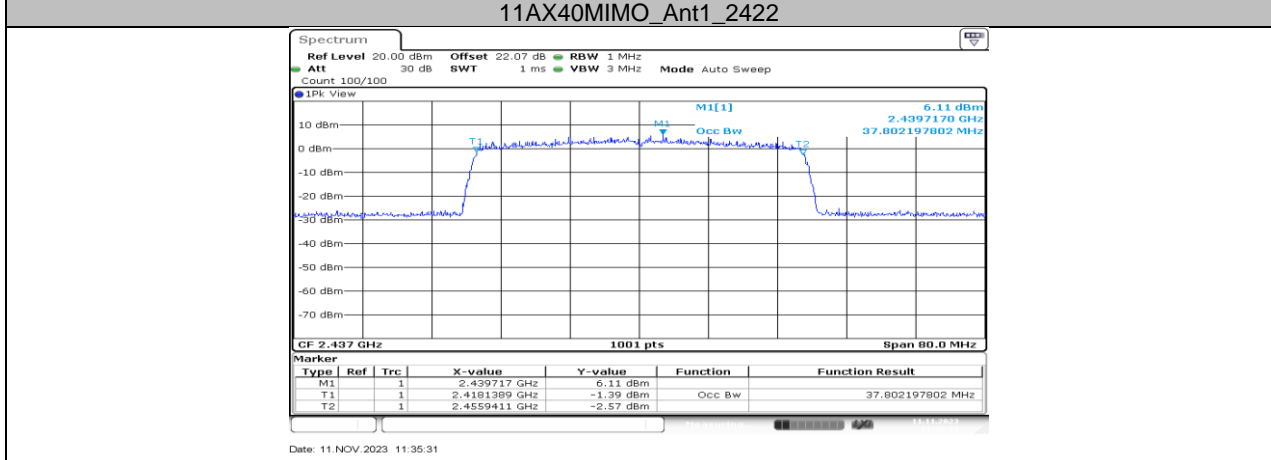
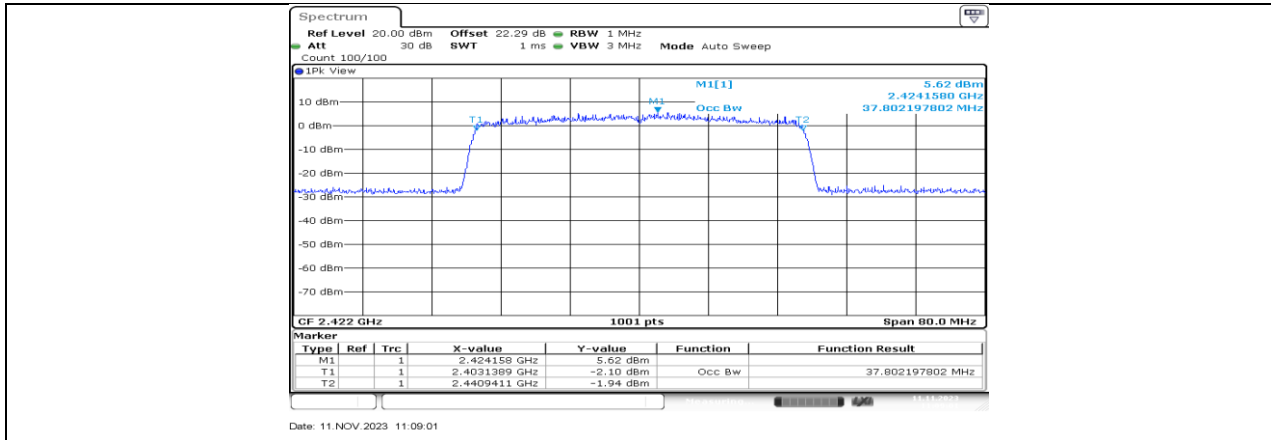


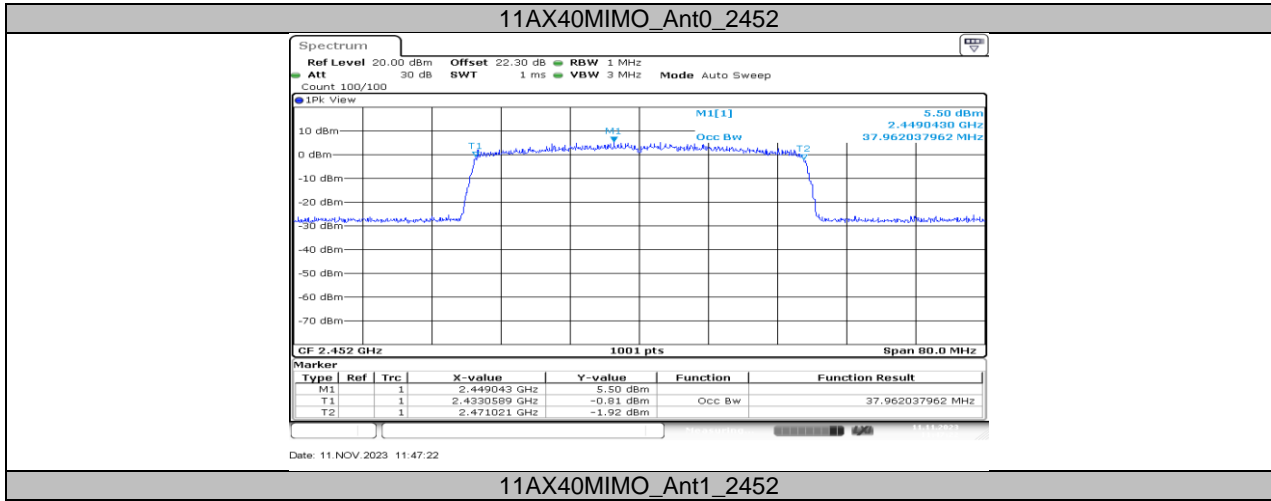
11AX20MIMO_Ant0_2437





11AX40MIMO_Ant0_2422





11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	2412	16.50	≤30.00	PASS
	Ant1	2412	17.19	≤30.00	PASS
	Ant0	2437	16.95	≤30.00	PASS
	Ant1	2437	16.97	≤30.00	PASS
	Ant0	2462	17.17	≤30.00	PASS
	Ant1	2462	16.70	≤30.00	PASS
11G	Ant0	2412	15.54	≤30.00	PASS
	Ant1	2412	15.70	≤30.00	PASS
	Ant0	2437	15.54	≤30.00	PASS
	Ant1	2437	14.86	≤30.00	PASS
	Ant0	2462	15.46	≤30.00	PASS
	Ant1	2462	14.97	≤30.00	PASS
11N20MIMO	Ant0	2412	14.28	≤30.00	PASS
	Ant1	2412	14.35	≤30.00	PASS
	total	2412	17.33	≤30.00	PASS
	Ant0	2437	14.08	≤30.00	PASS
	Ant1	2437	14.30	≤30.00	PASS
	total	2437	17.20	≤30.00	PASS
	Ant0	2462	13.71	≤30.00	PASS
	Ant1	2462	14.24	≤30.00	PASS
total	2462	16.99	≤30.00	PASS	
11N40MIMO	Ant0	2422	13.71	≤30.00	PASS
	Ant1	2422	13.91	≤30.00	PASS
	total	2422	16.82	≤30.00	PASS
	Ant0	2437	13.69	≤30.00	PASS
	Ant1	2437	13.98	≤30.00	PASS
	total	2437	16.85	≤30.00	PASS
	Ant0	2452	13.59	≤30.00	PASS
	Ant1	2452	13.83	≤30.00	PASS
total	2452	16.72	≤30.00	PASS	
11AX20MIMO	Ant0	2412	10.14	≤30.00	PASS
	Ant1	2412	10.58	≤30.00	PASS
	total	2412	13.38	≤30.00	PASS
	Ant0	2437	9.66	≤30.00	PASS
	Ant1	2437	10.04	≤30.00	PASS
	total	2437	12.86	≤30.00	PASS
	Ant0	2462	9.89	≤30.00	PASS
	Ant1	2462	10.09	≤30.00	PASS
total	2462	13.00	≤30.00	PASS	
11AX40MIMO	Ant0	2422	9.30	≤30.00	PASS
	Ant1	2422	9.98	≤30.00	PASS
	total	2422	12.66	≤30.00	PASS
	Ant0	2437	9.49	≤30.00	PASS
	Ant1	2437	9.70	≤30.00	PASS
	total	2437	12.61	≤30.00	PASS
	Ant0	2452	9.06	≤30.00	PASS
	Ant1	2452	9.25	≤30.00	PASS
total	2452	12.17	≤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.

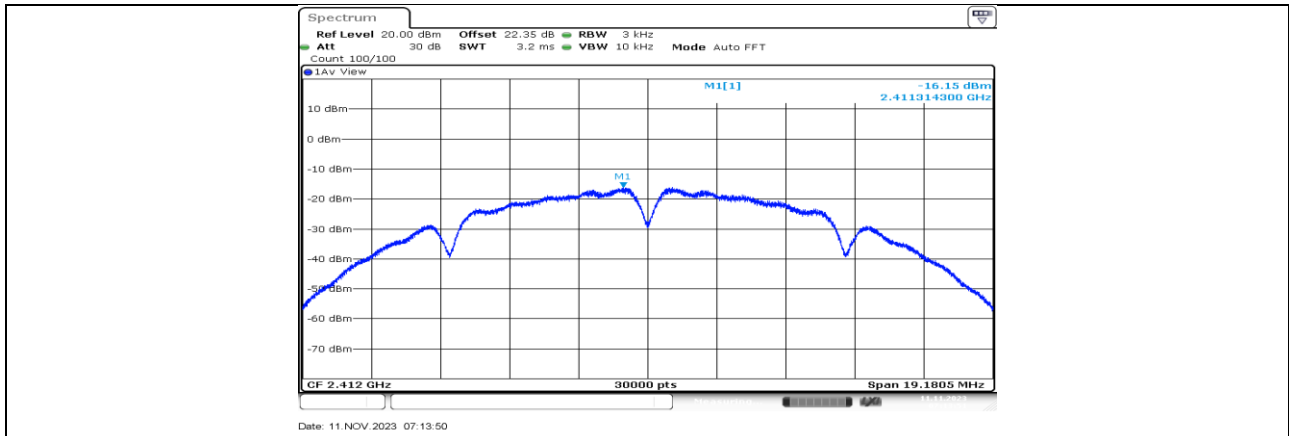
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

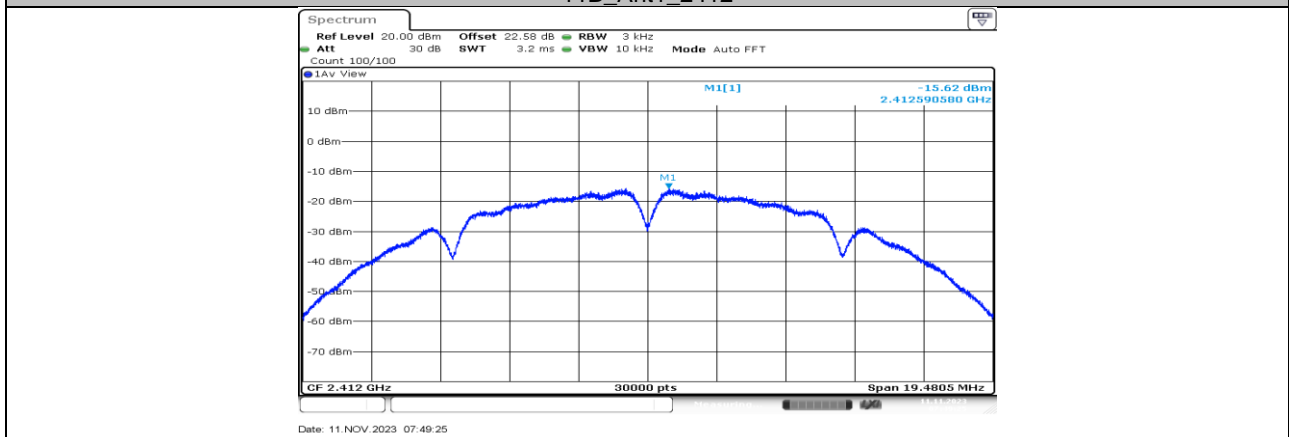
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-16.15	≤8.00	PASS
	Ant1	2412	-15.62	≤8.00	PASS
	Ant0	2437	-16.13	≤8.00	PASS
	Ant1	2437	-15.84	≤8.00	PASS
	Ant0	2462	-16.19	≤8.00	PASS
	Ant1	2462	-15.97	≤8.00	PASS
11G	Ant0	2412	-19.30	≤8.00	PASS
	Ant1	2412	-18.98	≤8.00	PASS
	Ant0	2437	-19.69	≤8.00	PASS
	Ant1	2437	-19.34	≤8.00	PASS
	Ant0	2462	-19.58	≤8.00	PASS
	Ant1	2462	-19.25	≤8.00	PASS
11N20MIMO	Ant0	2412	-20.24	≤8.00	PASS
	Ant1	2412	-19.29	≤8.00	PASS
	total	2412	-16.73	≤7.35	PASS
	Ant0	2437	-20.29	≤8.00	PASS
	Ant1	2437	-20.45	≤8.00	PASS
	total	2437	-17.36	≤7.35	PASS
	Ant0	2462	-20.43	≤8.00	PASS
	Ant1	2462	-20.14	≤8.00	PASS
total	2462	-17.27	≤7.35	PASS	
11N40MIMO	Ant0	2422	-21.79	≤8.00	PASS
	Ant1	2422	-21.57	≤8.00	PASS
	total	2422	-18.67	≤7.35	PASS
	Ant0	2437	-21.71	≤8.00	PASS
	Ant1	2437	-21.52	≤8.00	PASS
	total	2437	-18.60	≤7.35	PASS
	Ant0	2452	-21.89	≤8.00	PASS
	Ant1	2452	-21.80	≤8.00	PASS
total	2452	-18.83	≤7.35	PASS	
11AX20MIMO	Ant0	2412	-23.17	≤8.00	PASS
	Ant1	2412	-23.40	≤8.00	PASS
	total	2412	-20.27	≤7.35	PASS
	Ant0	2437	-24.31	≤8.00	PASS
	Ant1	2437	-23.91	≤8.00	PASS
	total	2437	-21.10	≤7.35	PASS
	Ant0	2462	-22.99	≤8.00	PASS
	Ant1	2462	-24.58	≤8.00	PASS
total	2462	-20.70	≤7.35	PASS	
11AX40MIMO	Ant0	2422	-28.80	≤8.00	PASS
	Ant1	2422	-28.63	≤8.00	PASS
	total	2422	-25.70	≤7.35	PASS
	Ant0	2437	-28.40	≤8.00	PASS
	Ant1	2437	-28.24	≤8.00	PASS
	total	2437	-25.31	≤7.35	PASS
	Ant0	2452	-29.22	≤8.00	PASS
	Ant1	2452	-28.79	≤8.00	PASS
total	2452	-25.99	≤7.35	PASS	

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

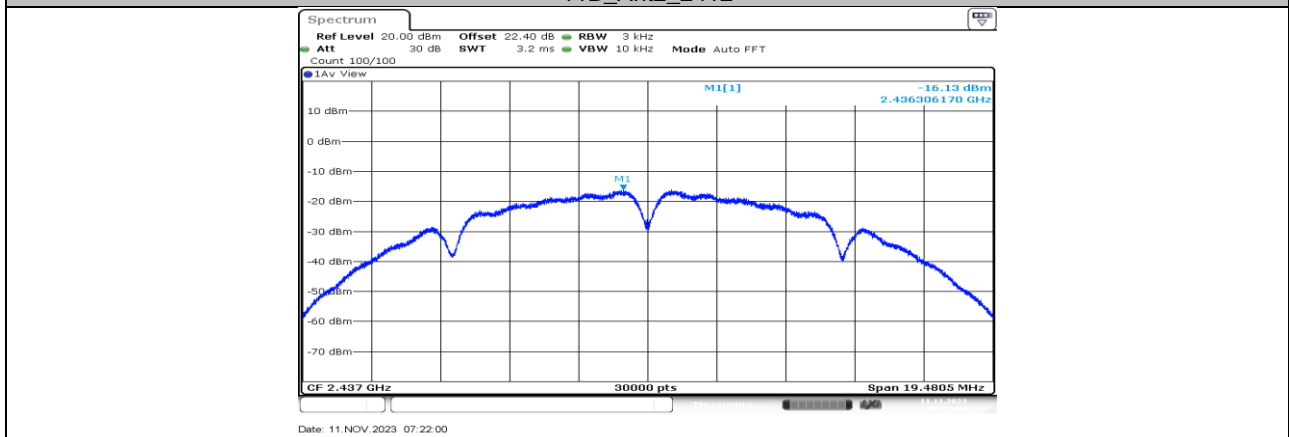
11.4.2. Test Graphs



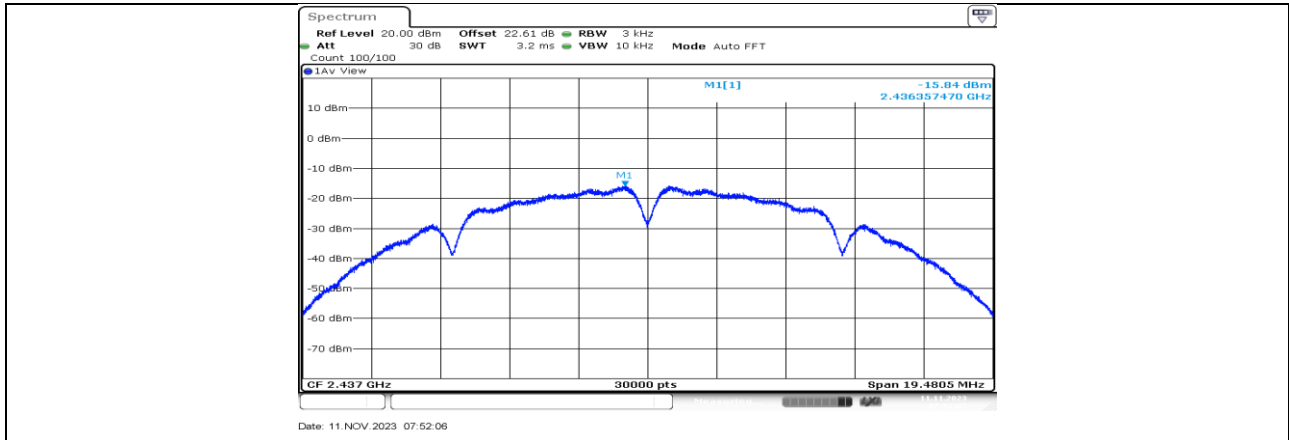
11B_Ant1_2412



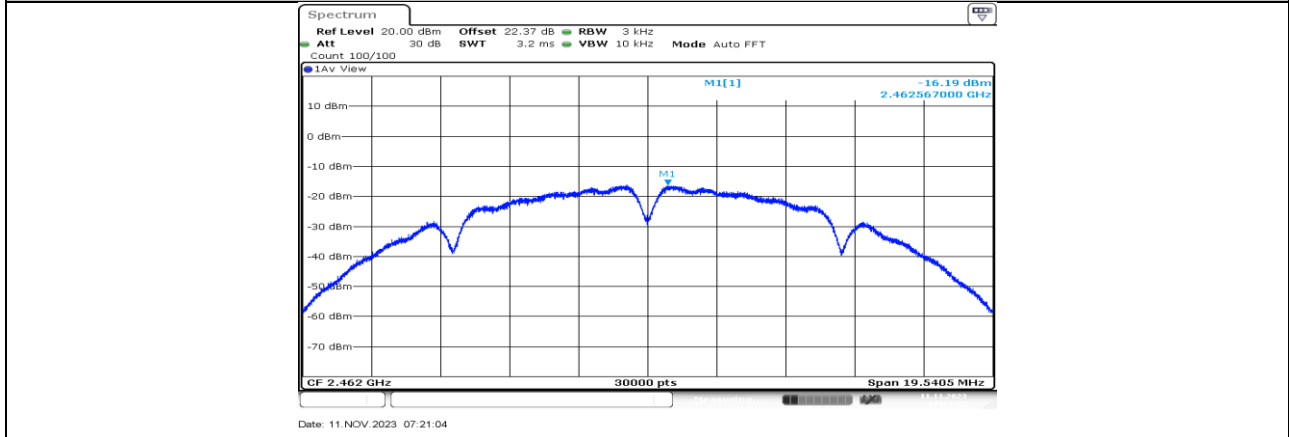
11B_Ant2_2412



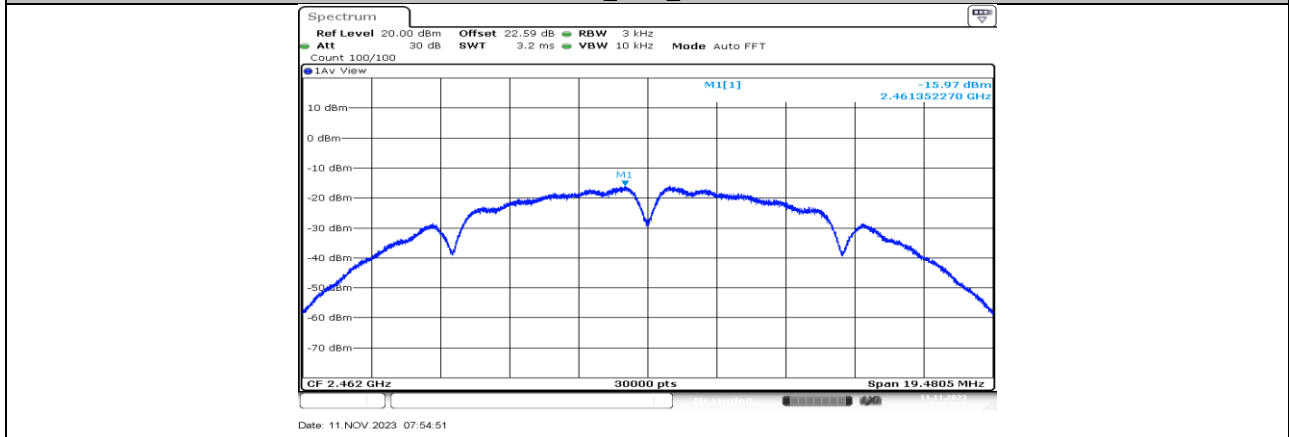
11B_Ant1_2437



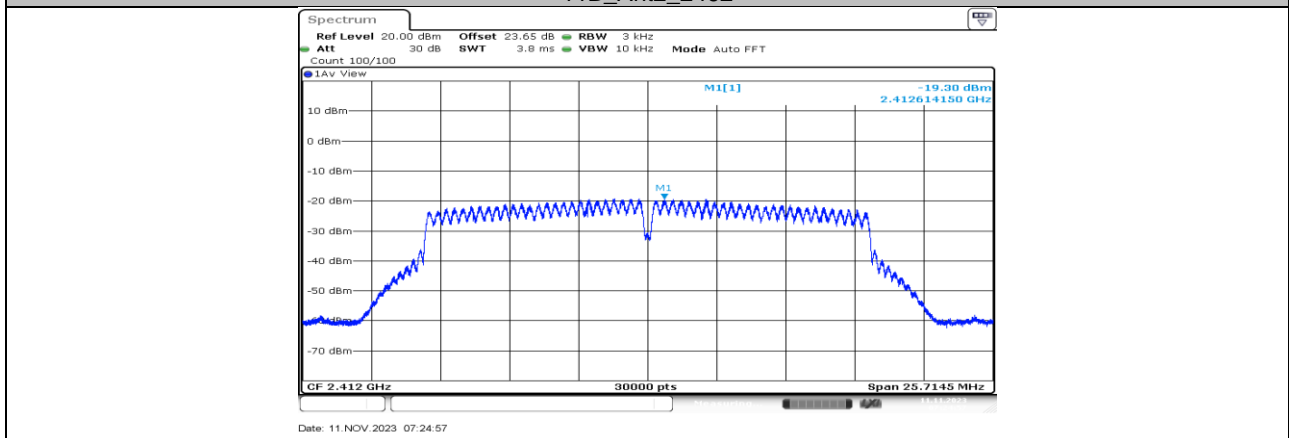
11B_Ant2_2437

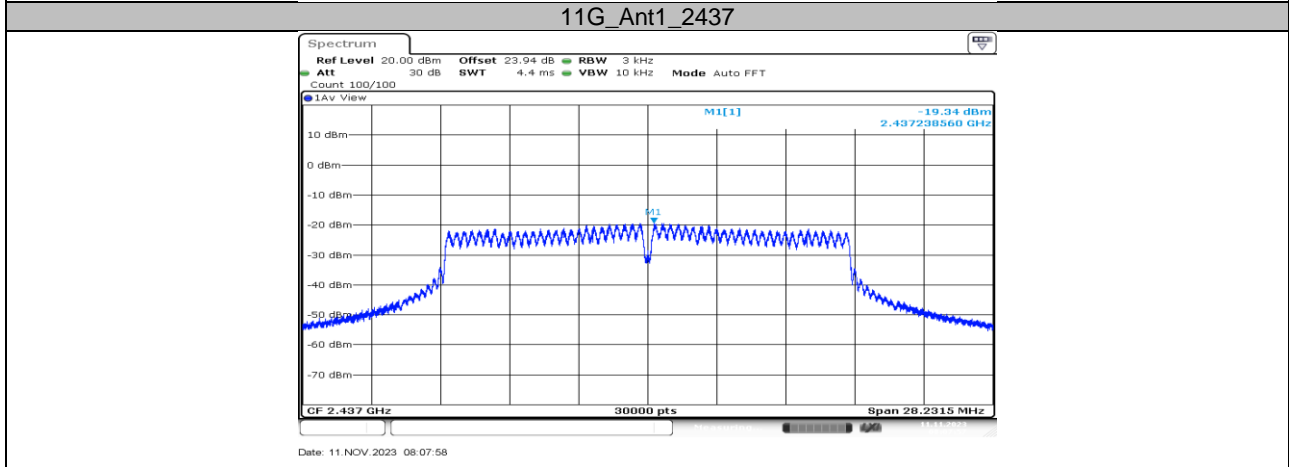
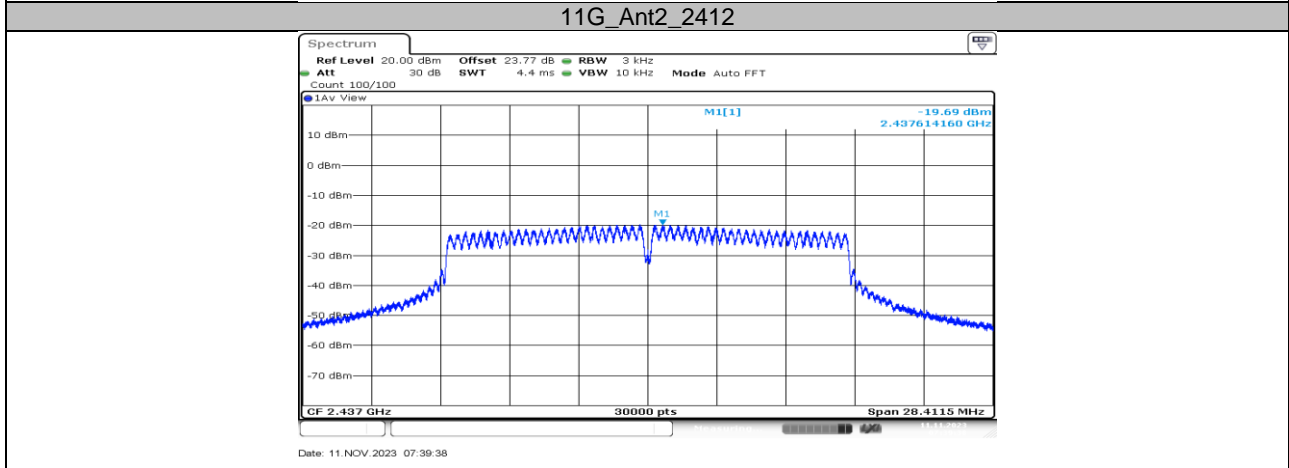
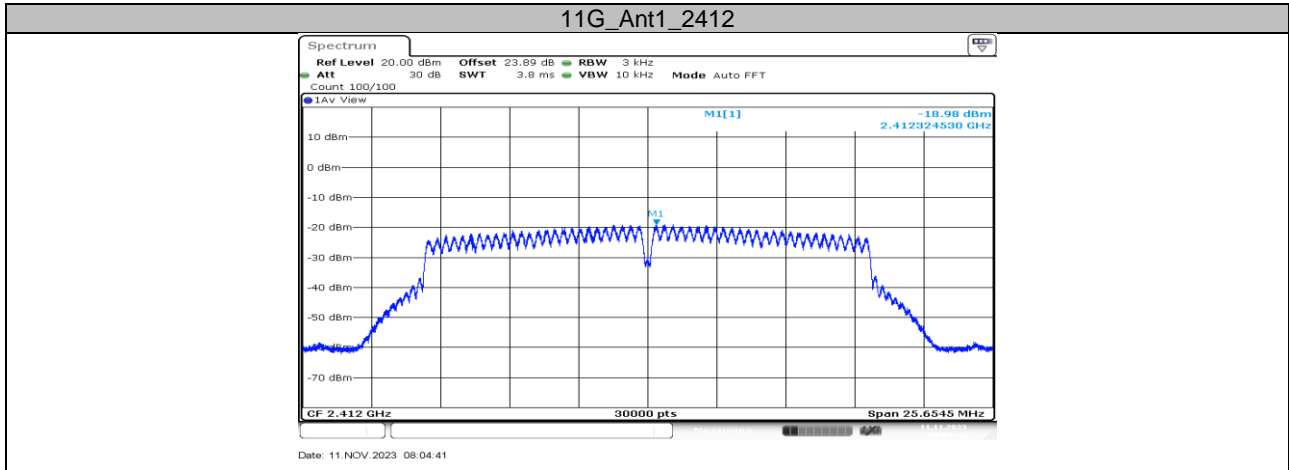


11B_Ant1_2462

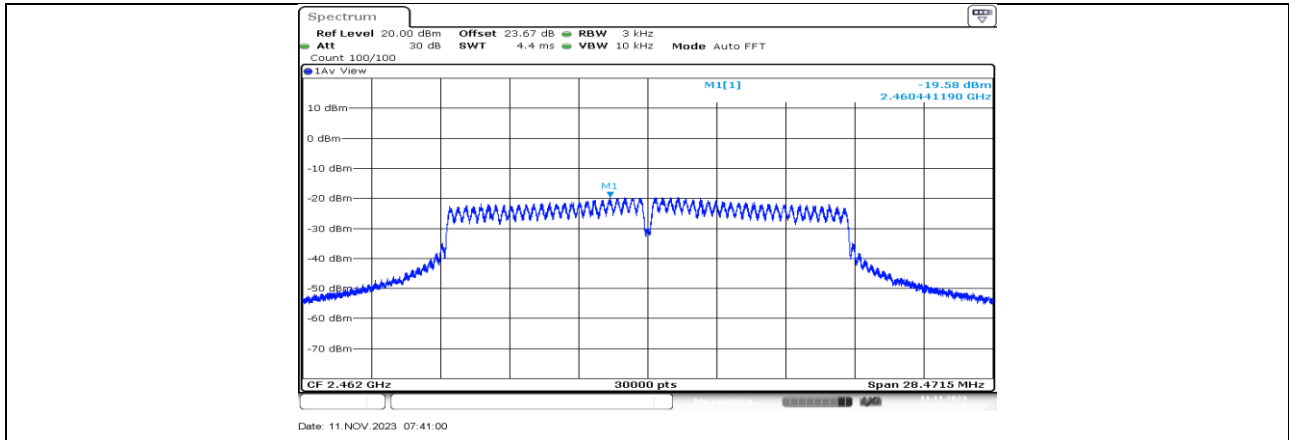


11B_Ant2_2462

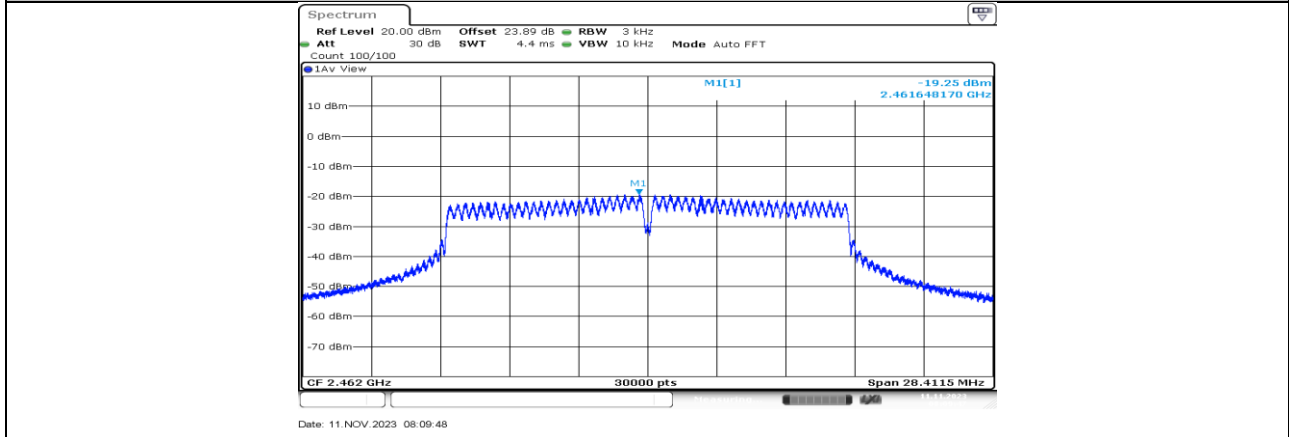




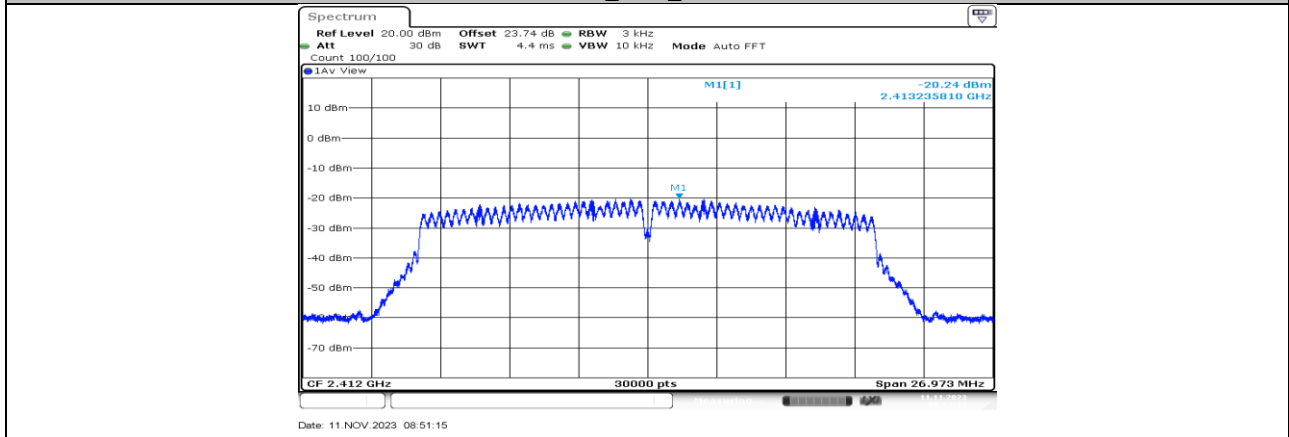
11G_Ant2_2437



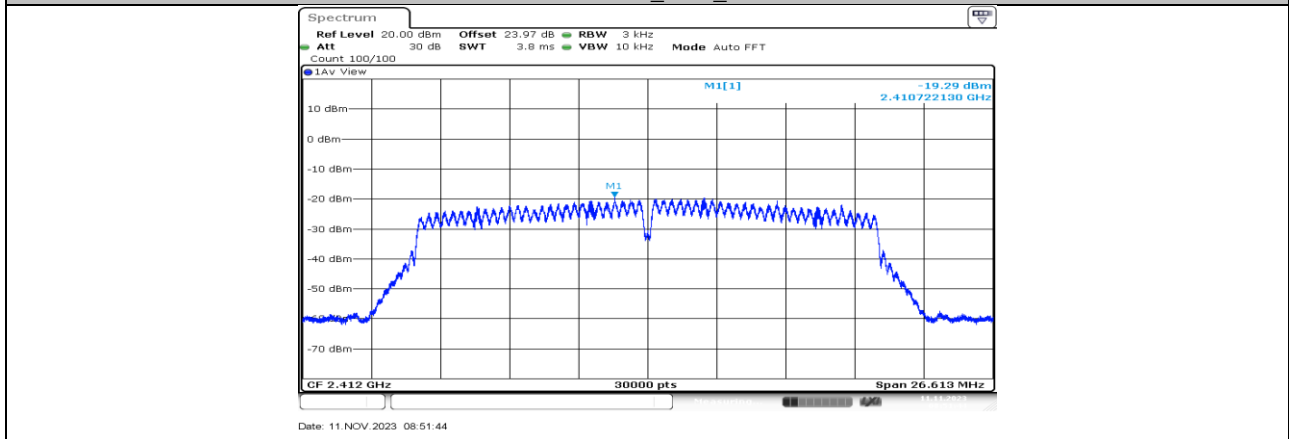
11G_Ant1_2462

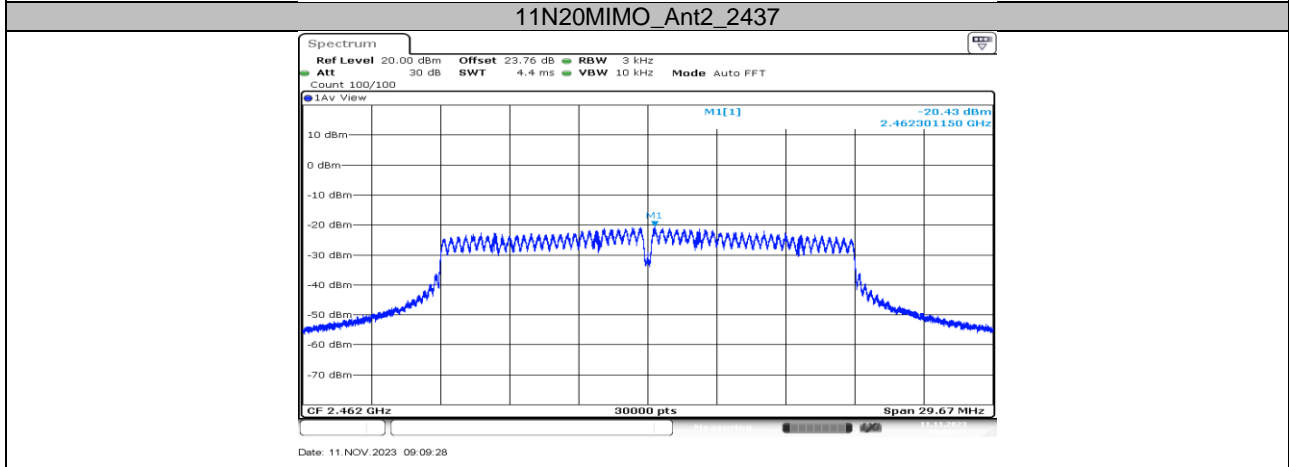
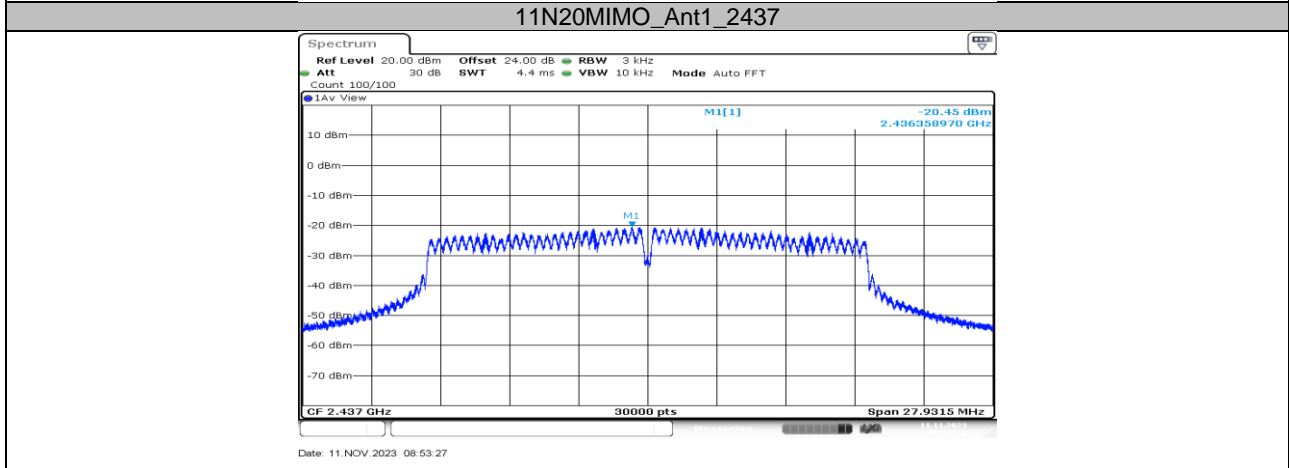
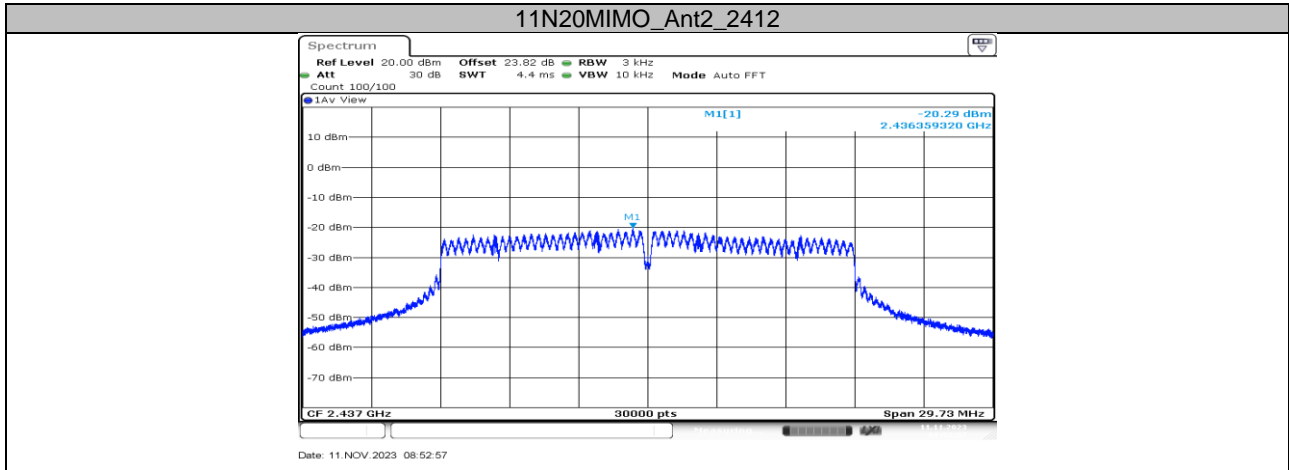


11G_Ant2_2462

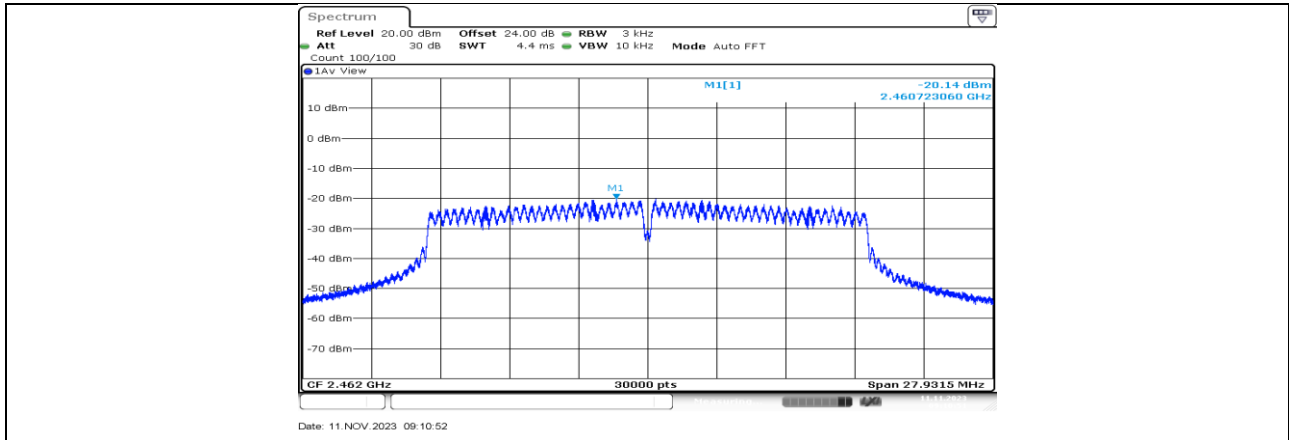


11N20MIMO_Ant1_2412

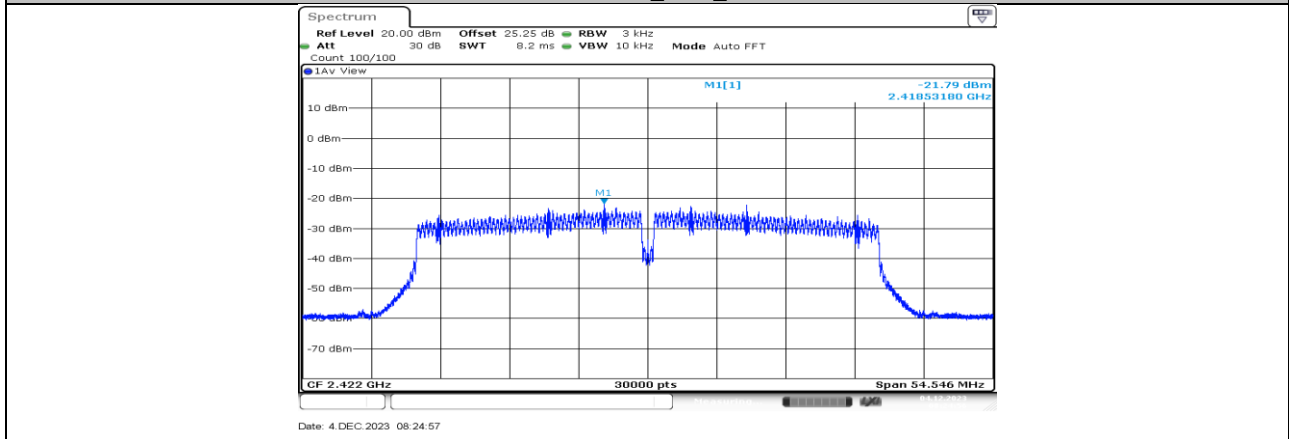




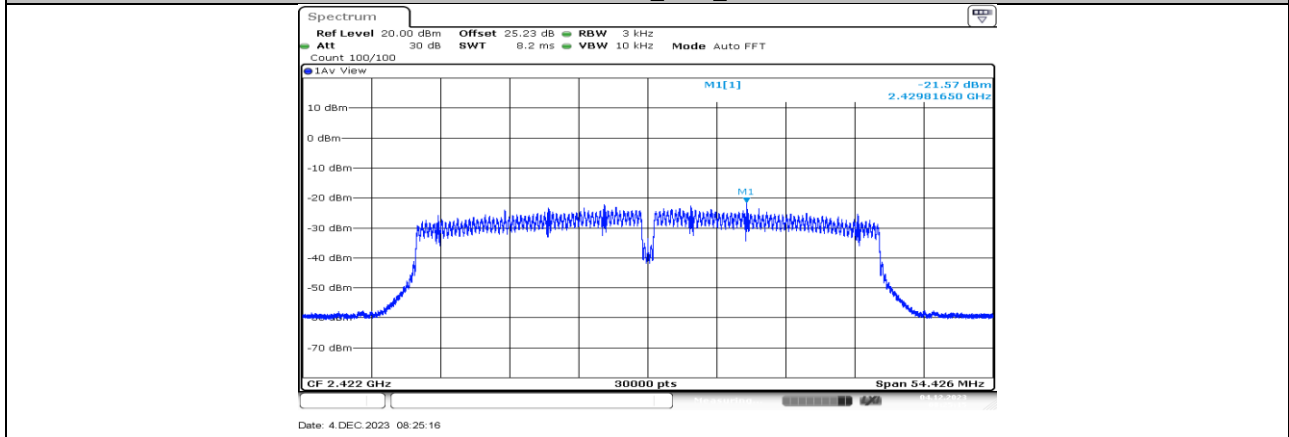
11N20MIMO_Ant1_2462



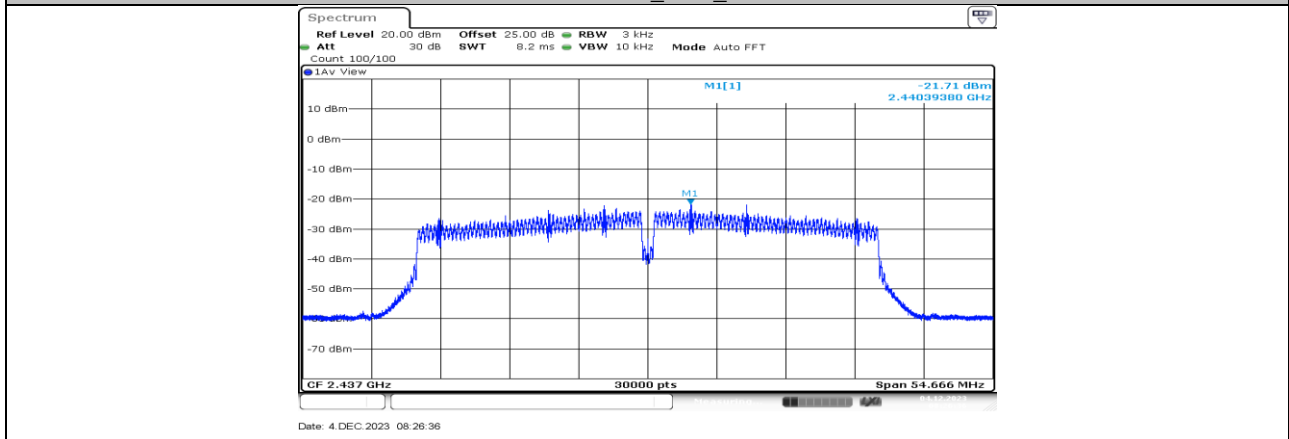
11N20MIMO_Ant2_2462

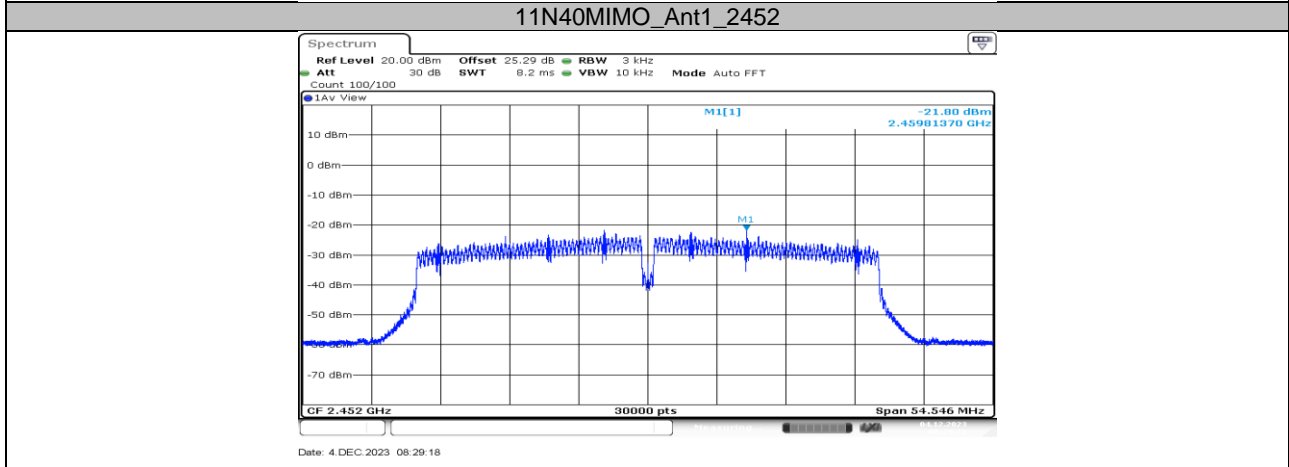
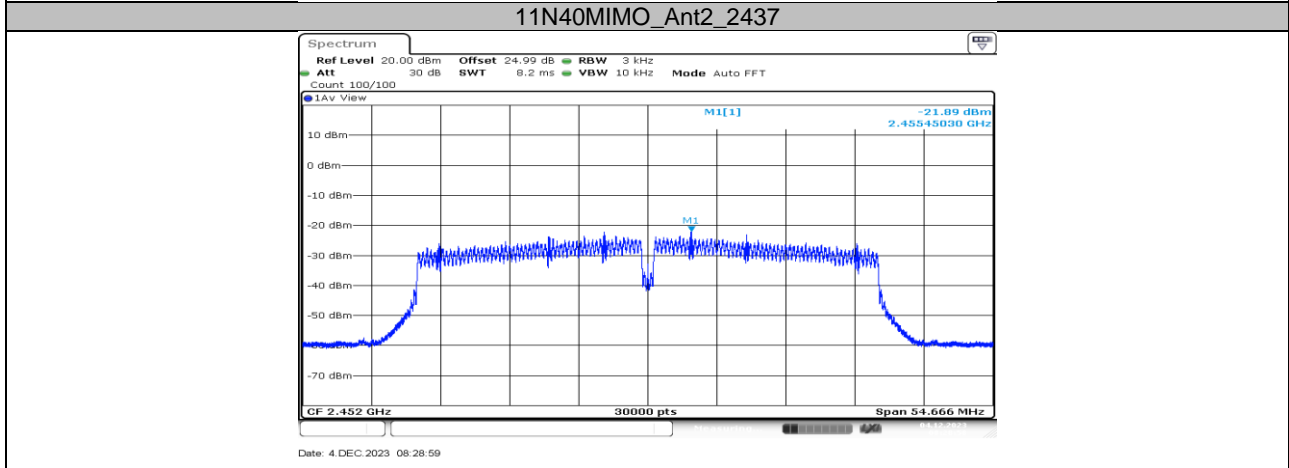
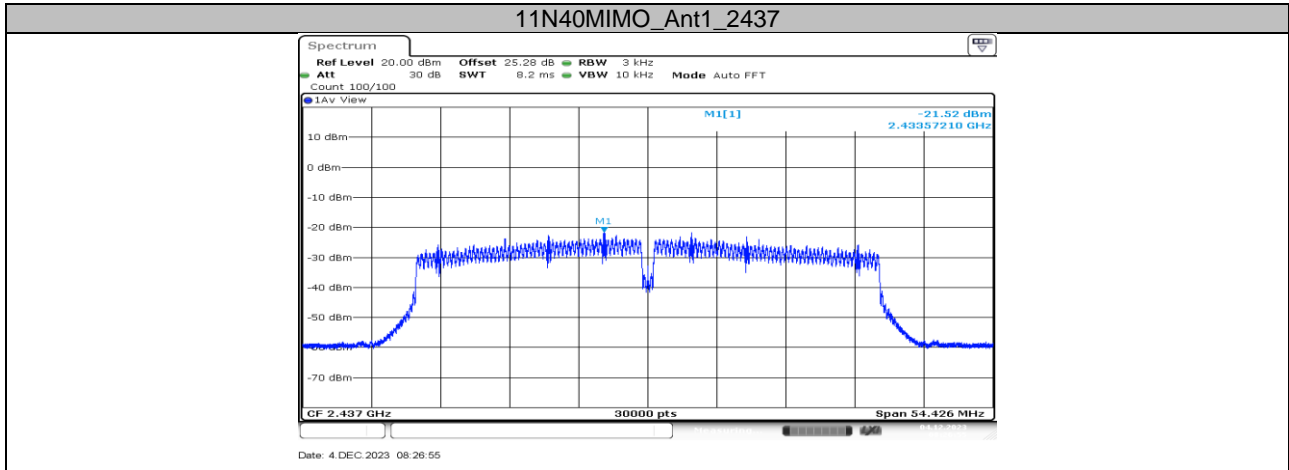


11N40MIMO_Ant1_2422

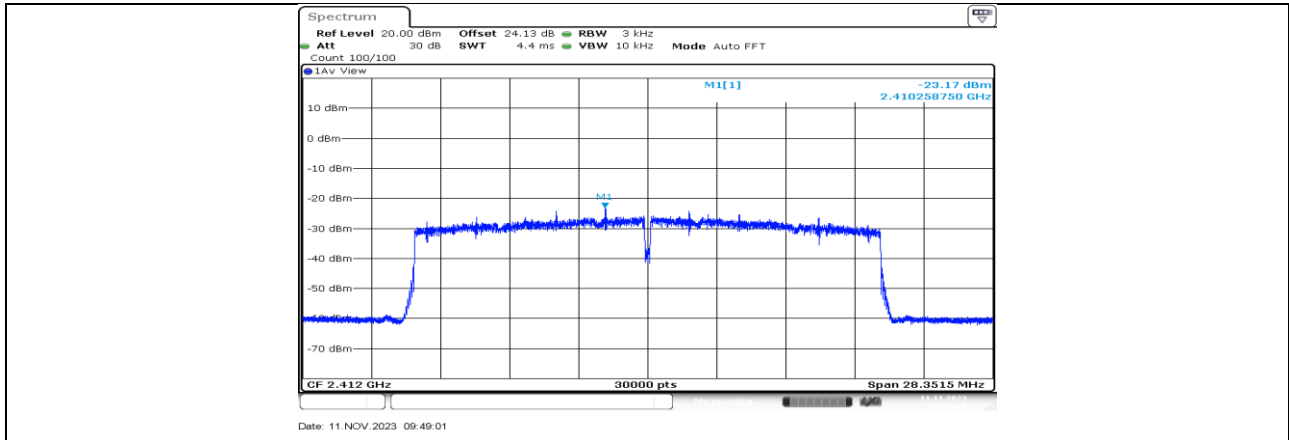


11N40MIMO_Ant2_2422

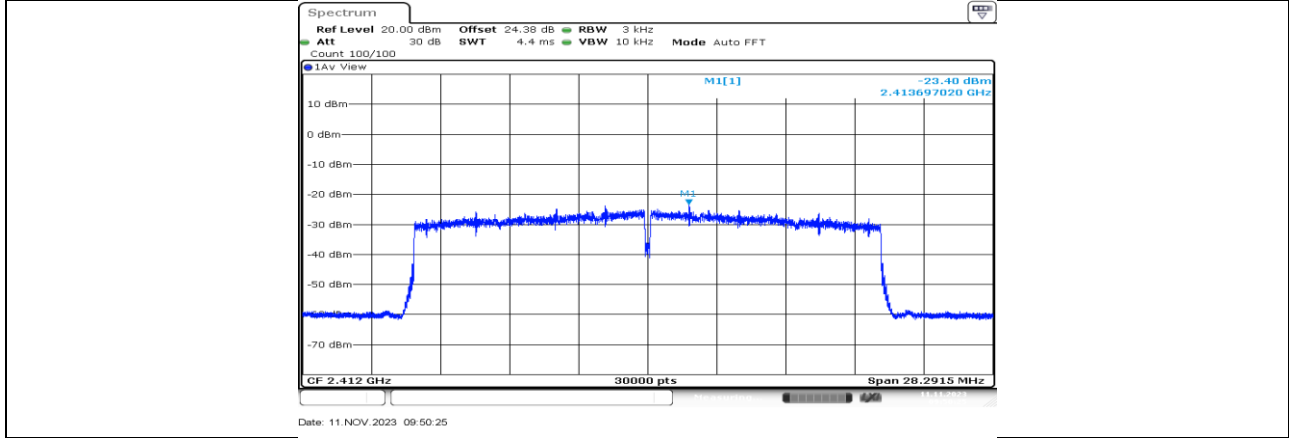




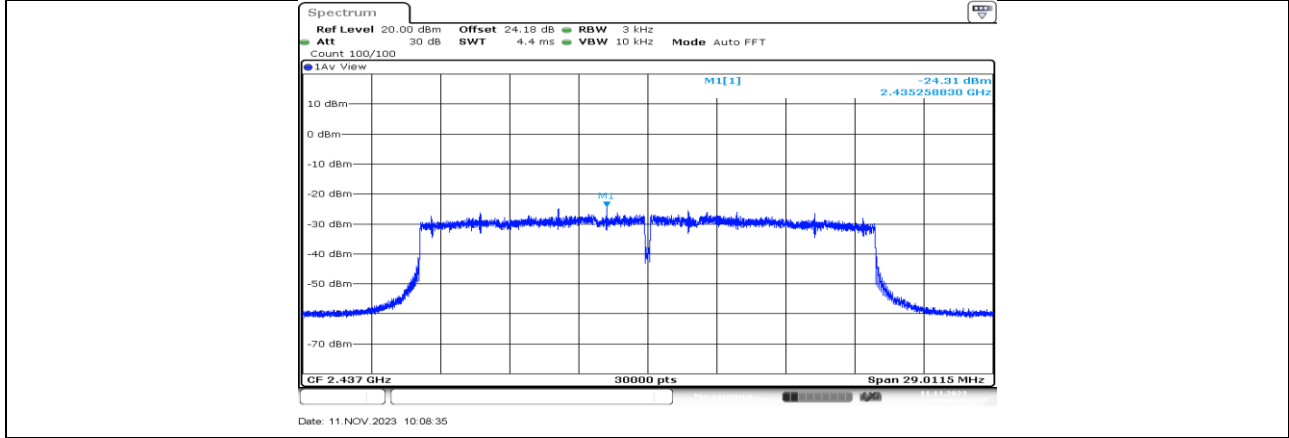
11N40MIMO_Ant2_2452



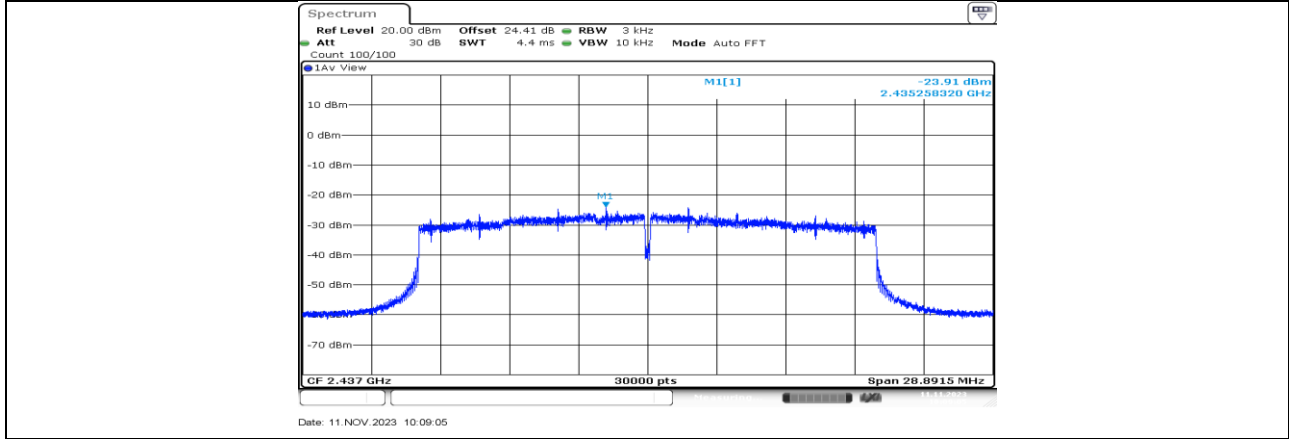
11AX20MIMO_Ant1_2412

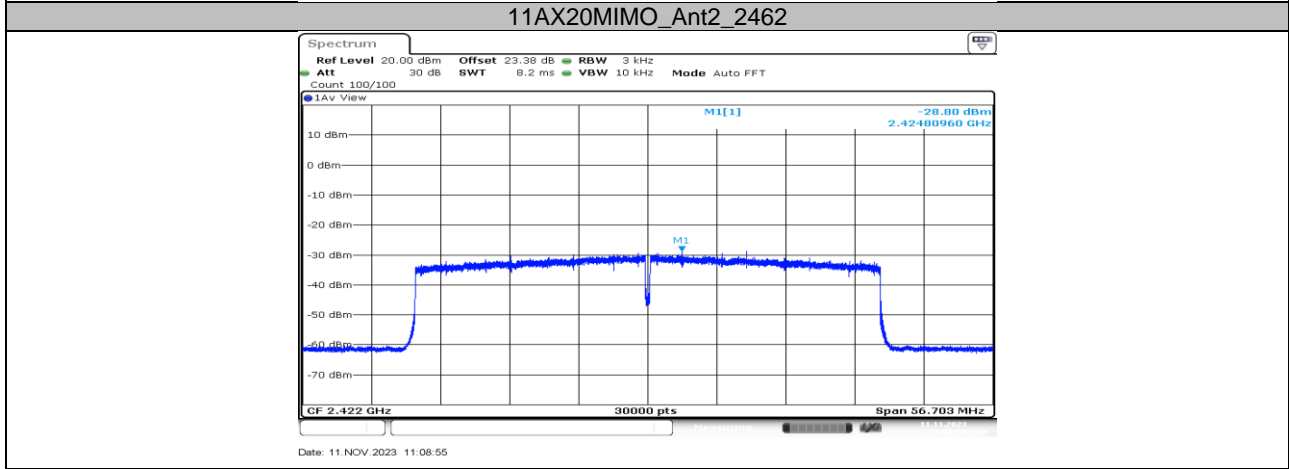
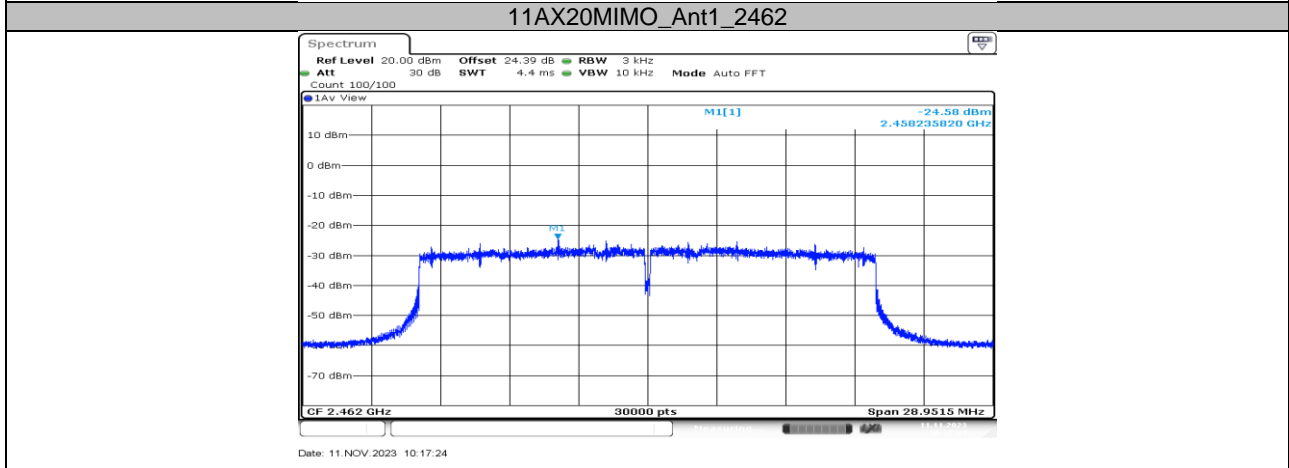
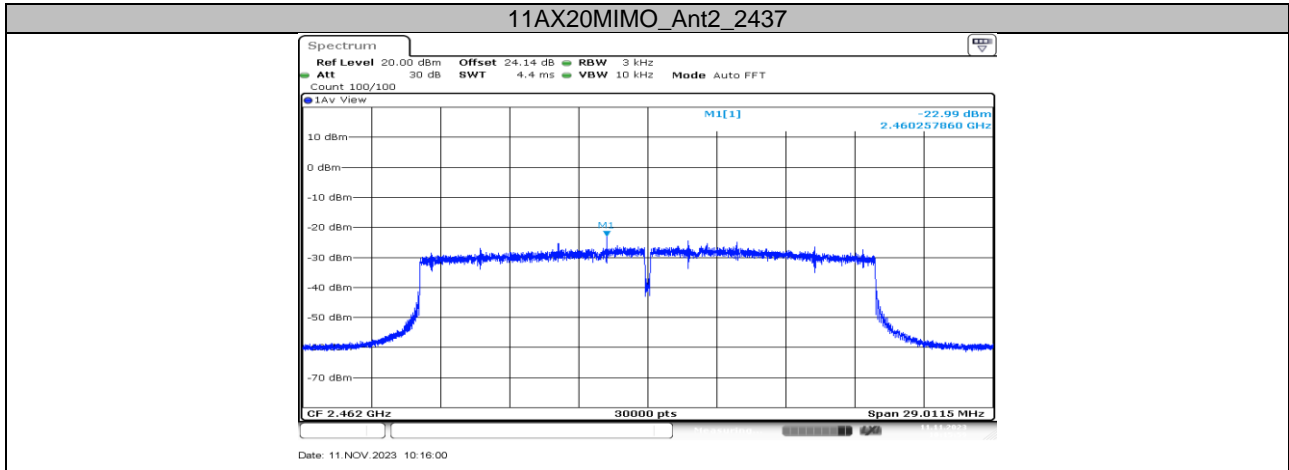


11AX20MIMO_Ant2_2412

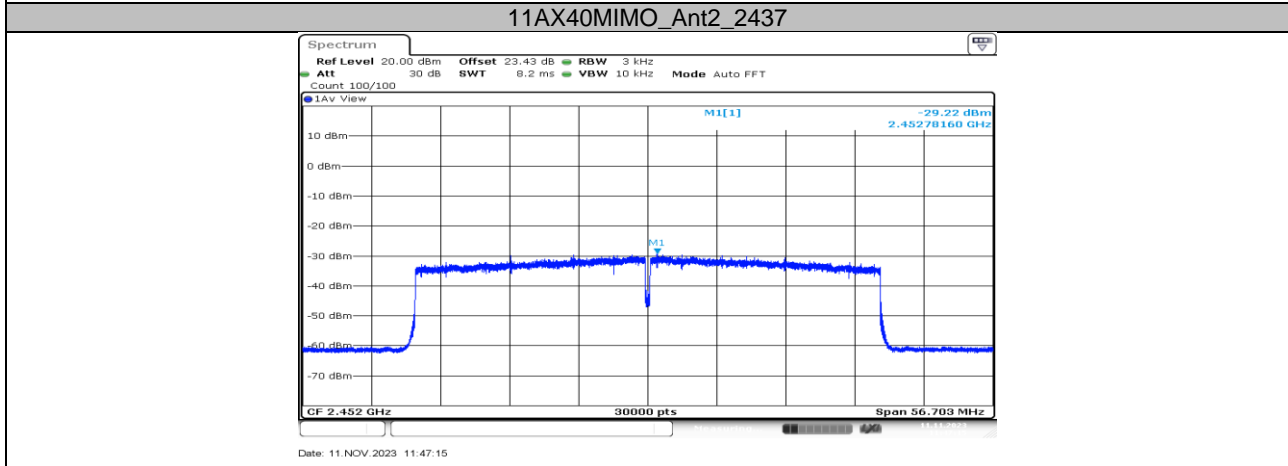
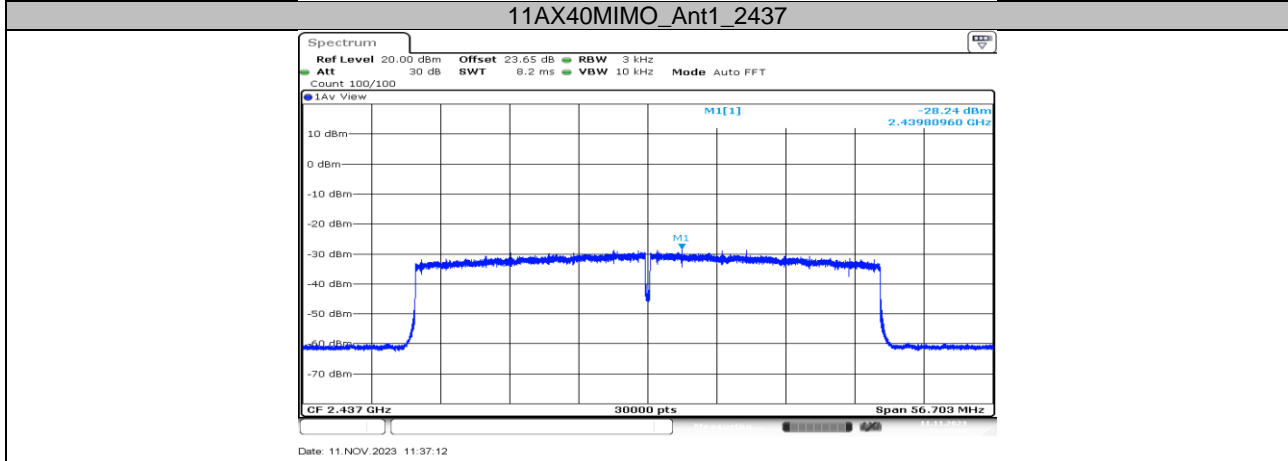
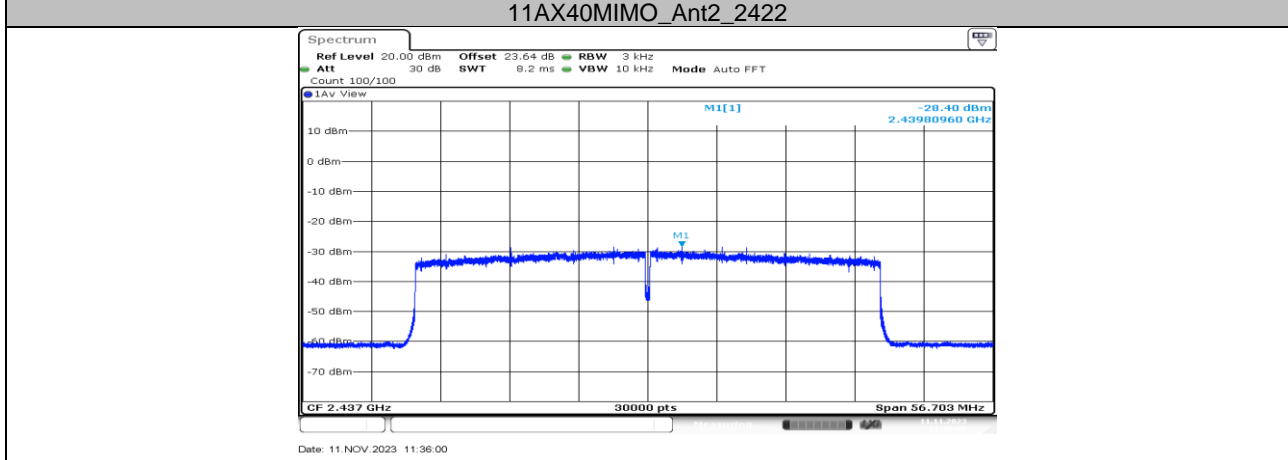
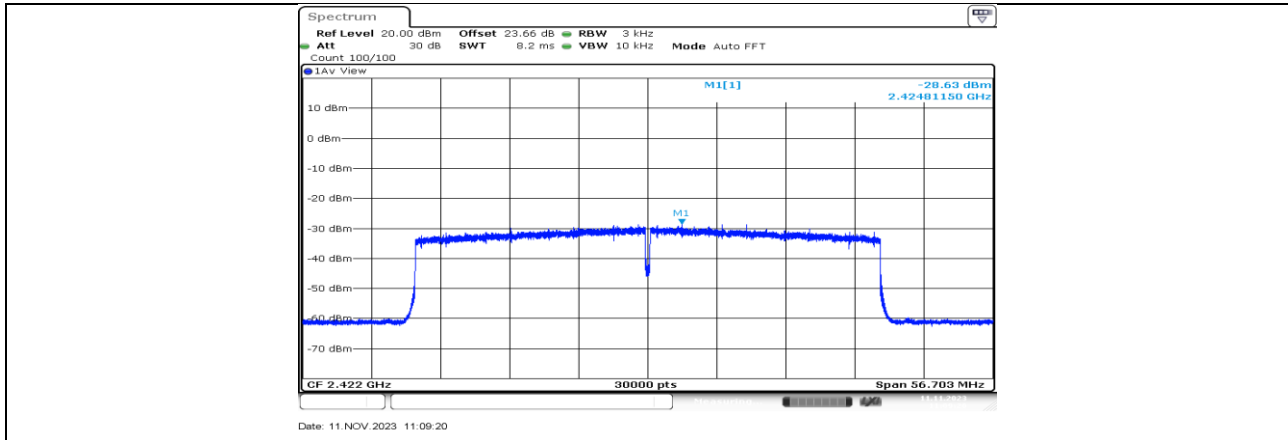


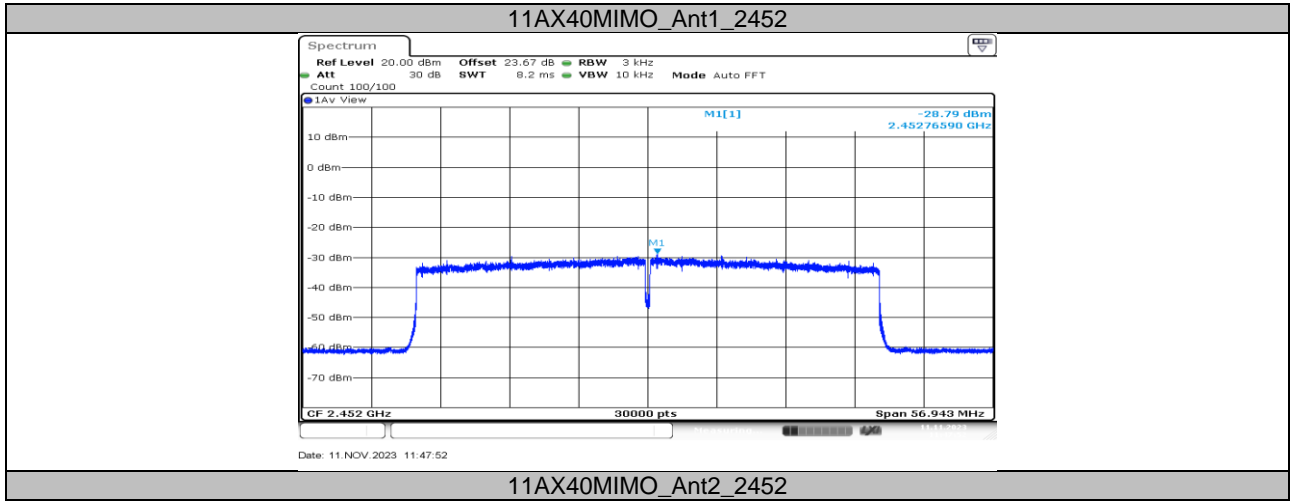
11AX20MIMO_Ant1_2437





11AX40MIMO_Ant1_2422



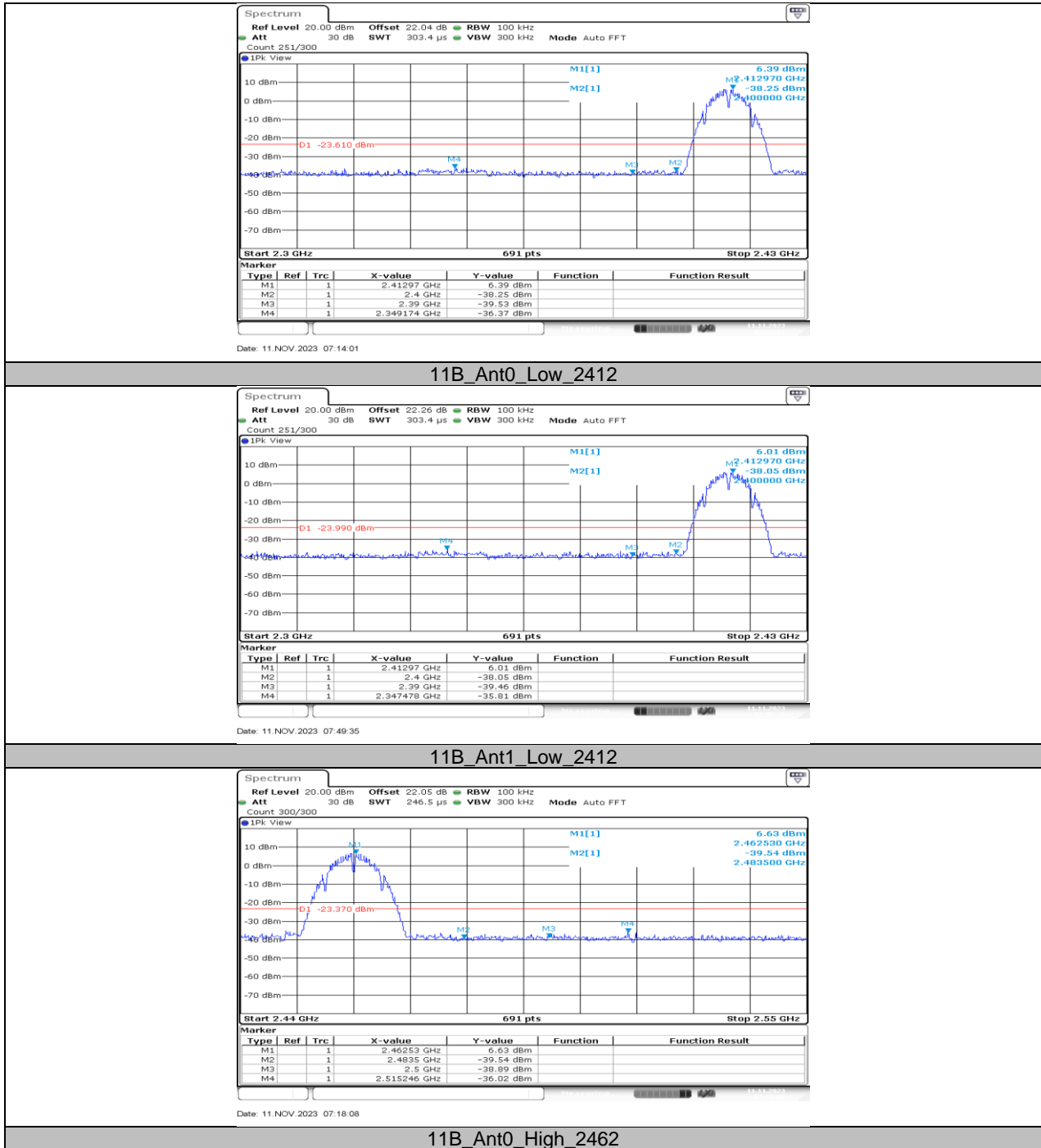


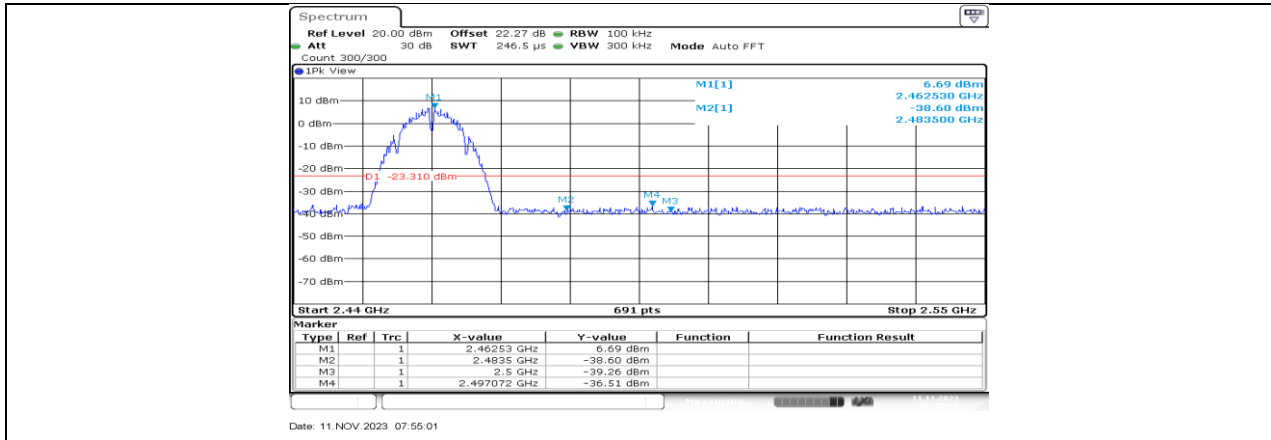
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

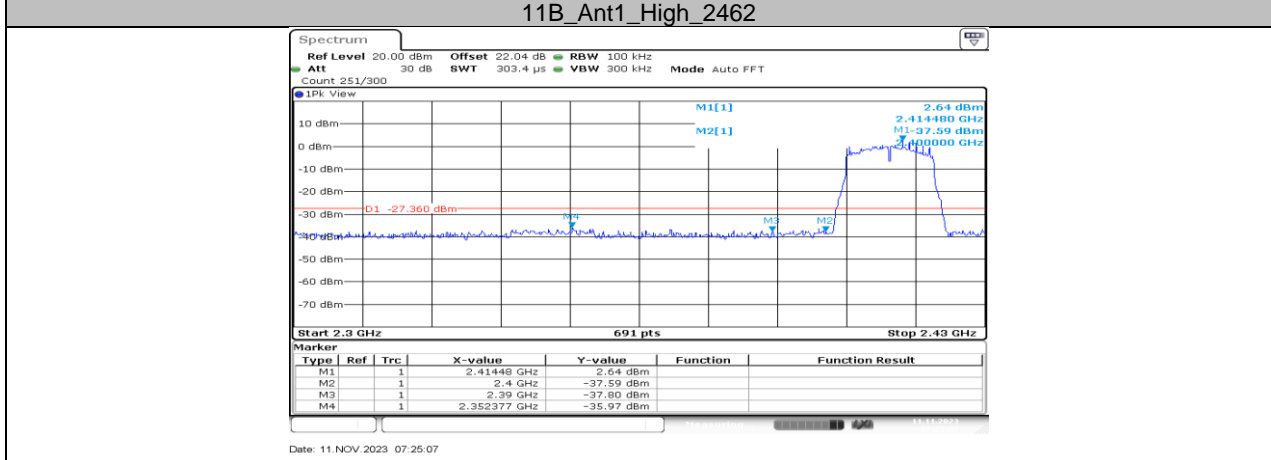
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	6.39	-36.37	≤-23.61	PASS
	Ant1	Low	2412	6.01	-35.81	≤-23.99	PASS
	Ant0	High	2462	6.63	-36.02	≤-23.37	PASS
	Ant1	High	2462	6.69	-36.51	≤-23.31	PASS
11G	Ant0	Low	2412	2.64	-35.97	≤-27.36	PASS
	Ant1	Low	2412	1.33	-35.34	≤-28.67	PASS
	Ant0	High	2462	3.10	-36.75	≤-26.9	PASS
	Ant1	High	2462	3.28	-35.81	≤-26.72	PASS
11N20MIMO	Ant0	Low	2412	0.68	-36.07	≤-29.32	PASS
	Ant1	Low	2412	1.08	-35.88	≤-28.92	PASS
	Ant0	High	2462	-1.21	-35.48	≤-31.21	PASS
	Ant1	High	2462	2.13	-35.93	≤-27.87	PASS
11N40MIMO	Ant0	Low	2422	-1.20	-36.36	≤-31.2	PASS
	Ant1	Low	2422	-0.77	-36.33	≤-30.77	PASS
	Ant0	High	2452	-1.02	-35.45	≤-31.02	PASS
	Ant1	High	2452	-0.78	-35.5	≤-30.78	PASS
11AX20MIMO	Ant0	Low	2412	-4.08	-44.78	≤-34.08	PASS
	Ant1	Low	2412	-4.04	-45.98	≤-34.04	PASS
	Ant0	High	2462	-3.58	-49.02	≤-33.58	PASS
	Ant1	High	2462	-2.22	-48.82	≤-32.22	PASS
11AX40MIMO	Ant0	Low	2422	-6.16	-46.06	≤-36.16	PASS
	Ant1	Low	2422	-5.07	-48	≤-35.07	PASS
	Ant0	High	2452	-8.17	-48.69	≤-38.17	PASS
	Ant1	High	2452	-6.30	-48.8	≤-36.3	PASS

11.5.2. Test Graphs

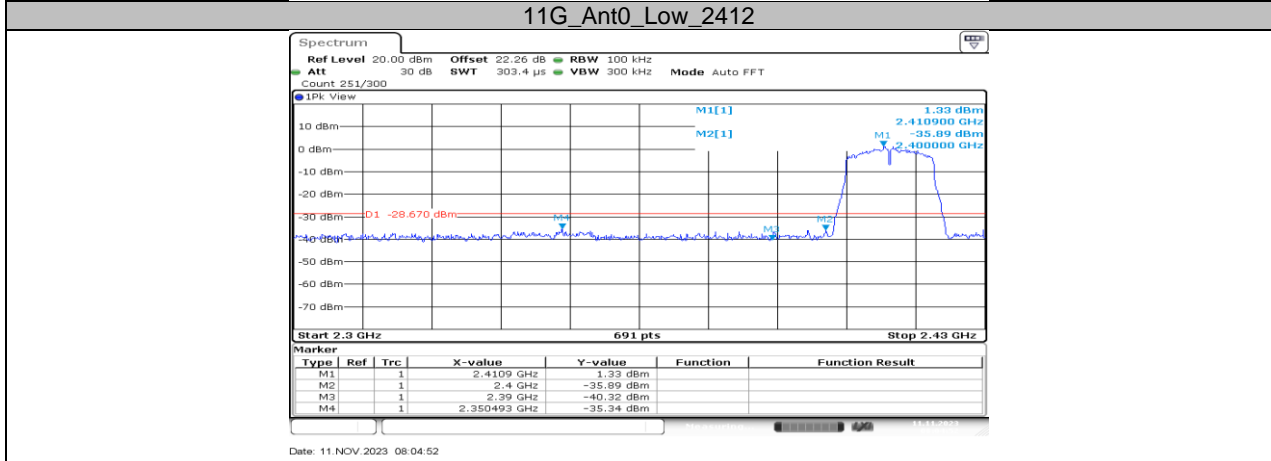




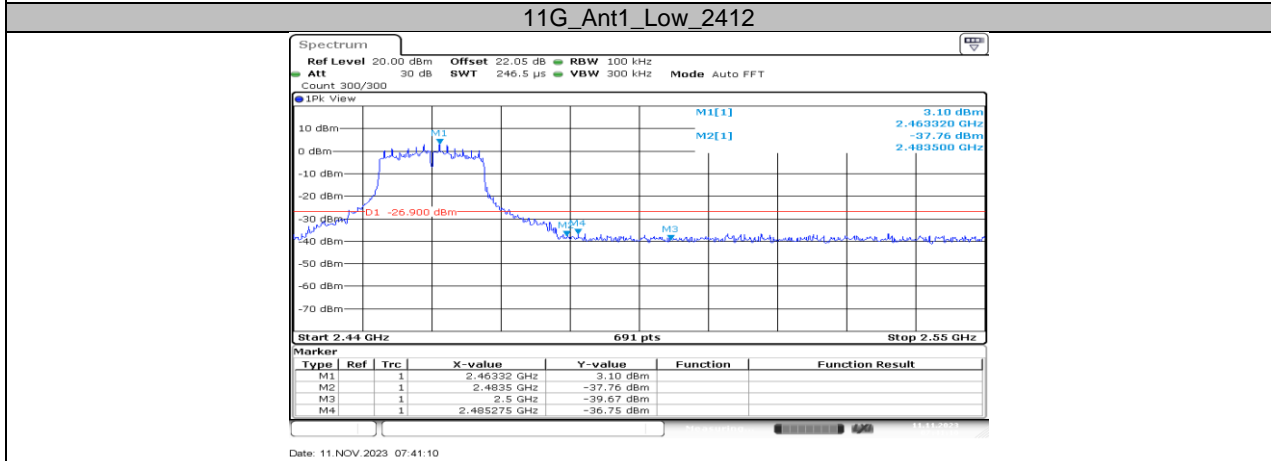
Date: 11.NOV.2023 07:55:01



Date: 11.NOV.2023 07:25:07

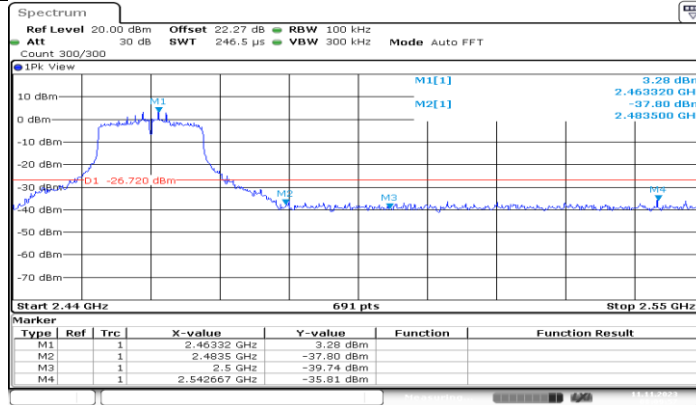


Date: 11.NOV.2023 08:04:52

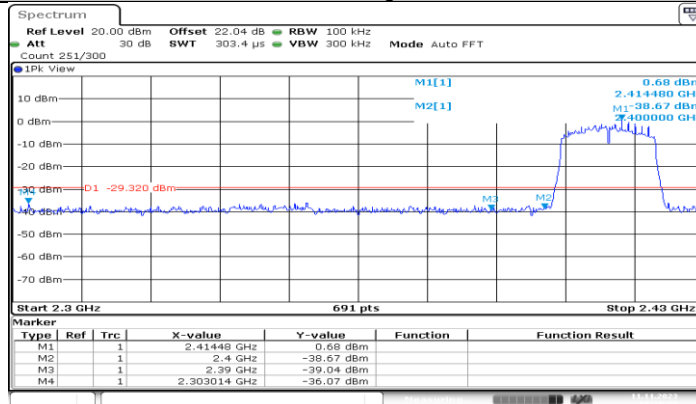


Date: 11.NOV.2023 07:41:10

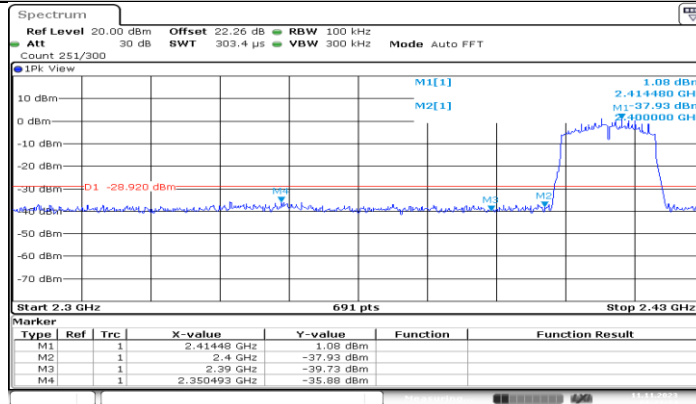
11G_Ant0_High_2462



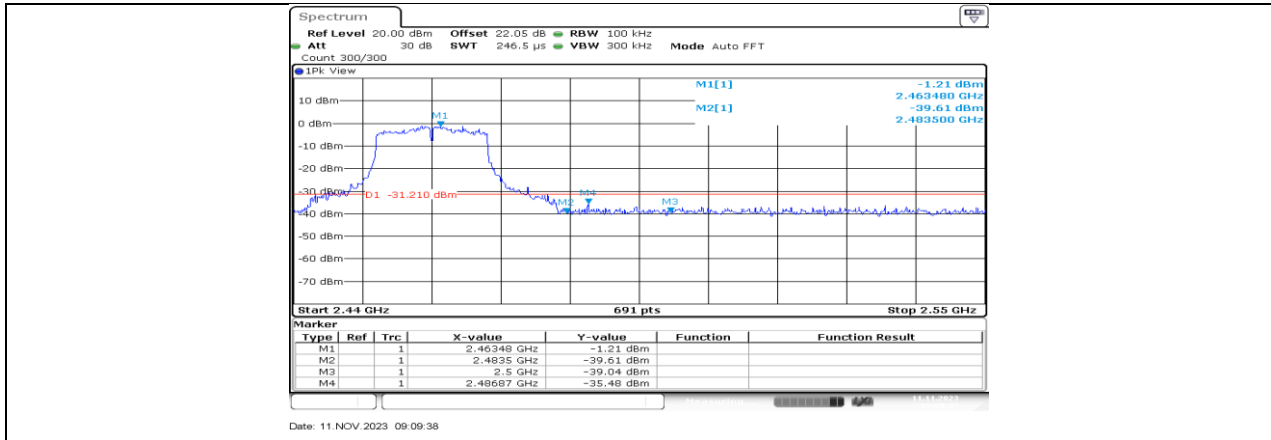
11G_Ant1_High_2462



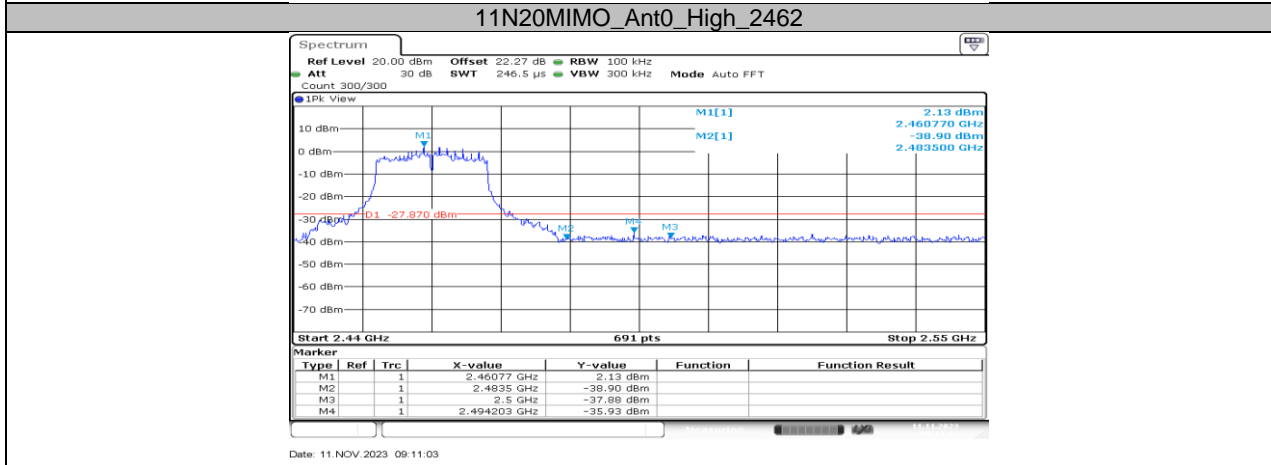
11N20MIMO_Ant0_Low_2412



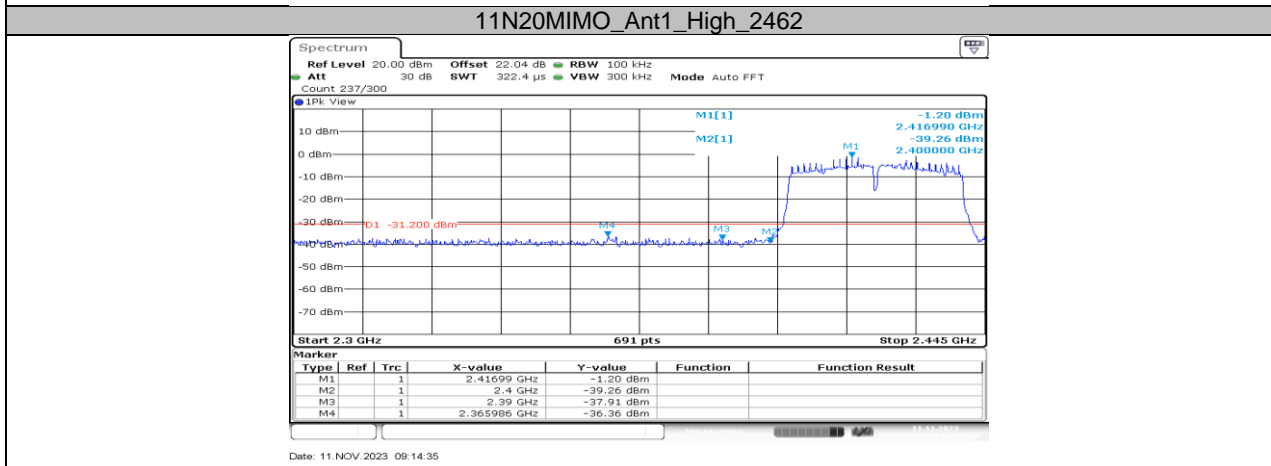
11N20MIMO_Ant1_Low_2412



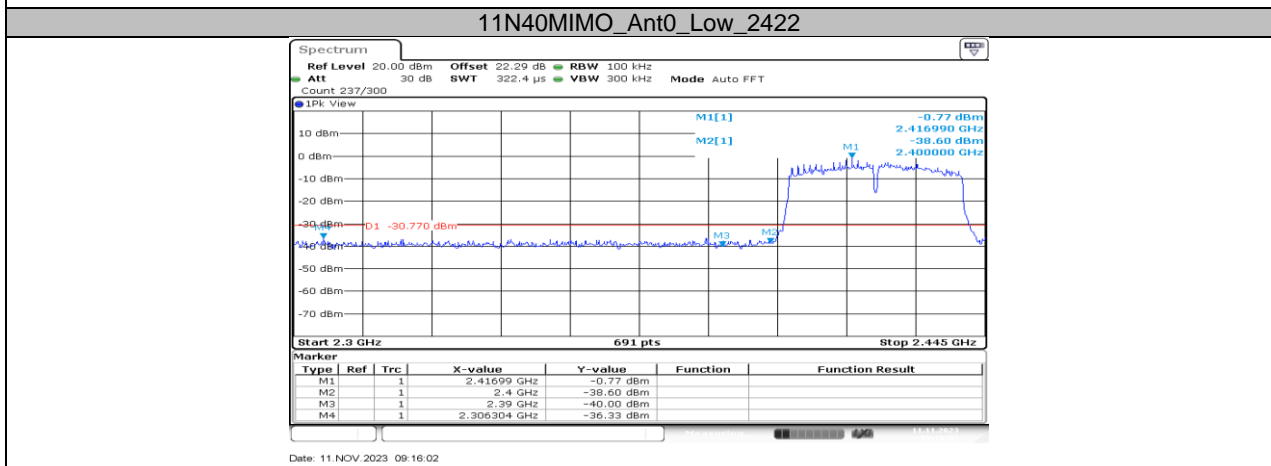
Date: 11.NOV.2023 09:09:38



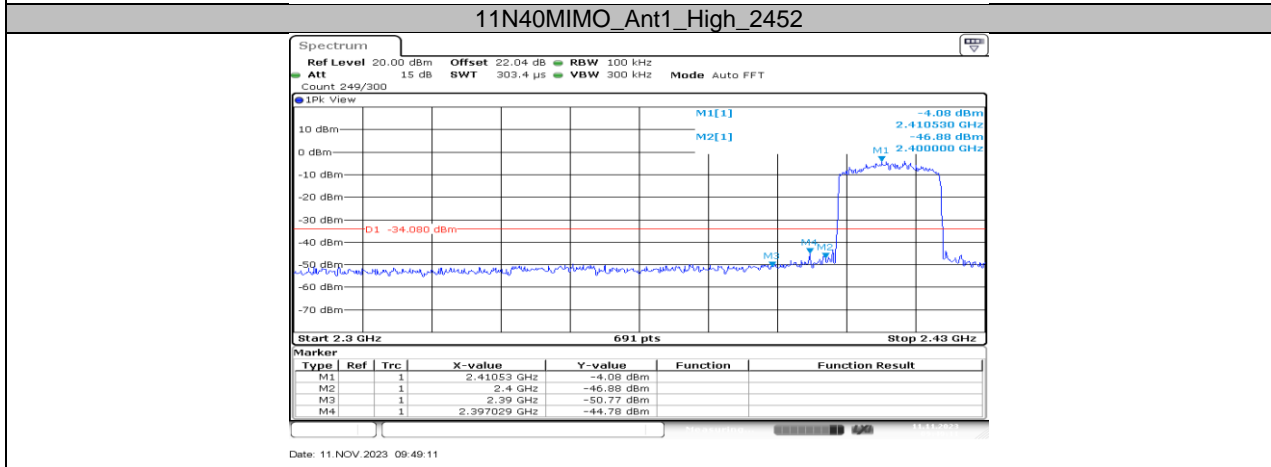
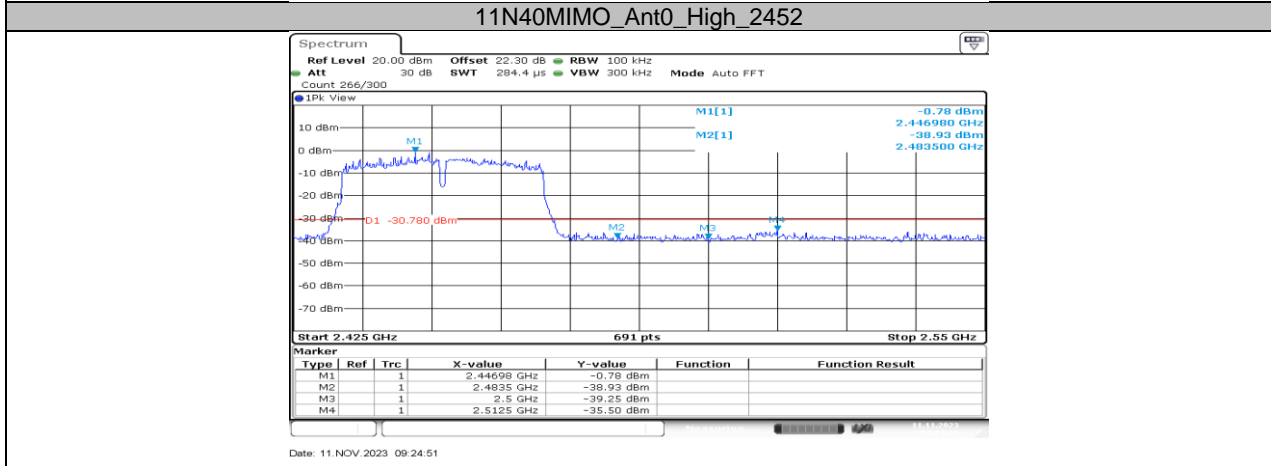
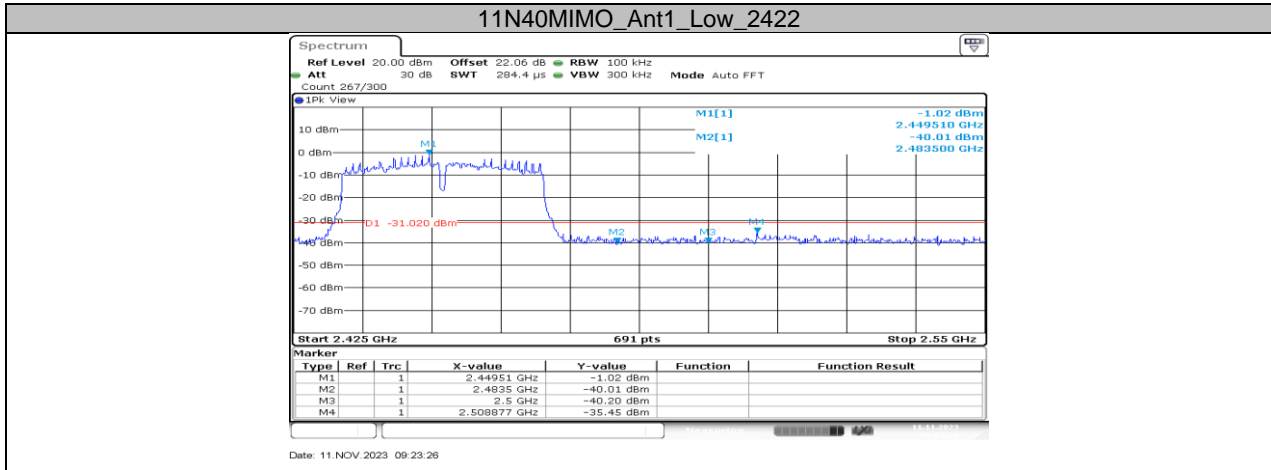
Date: 11.NOV.2023 09:11:03



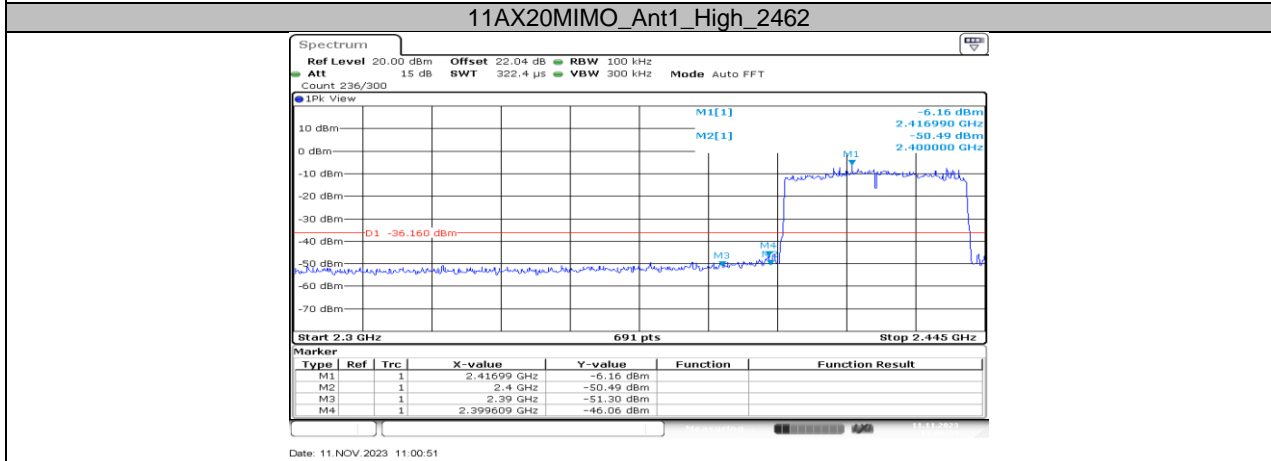
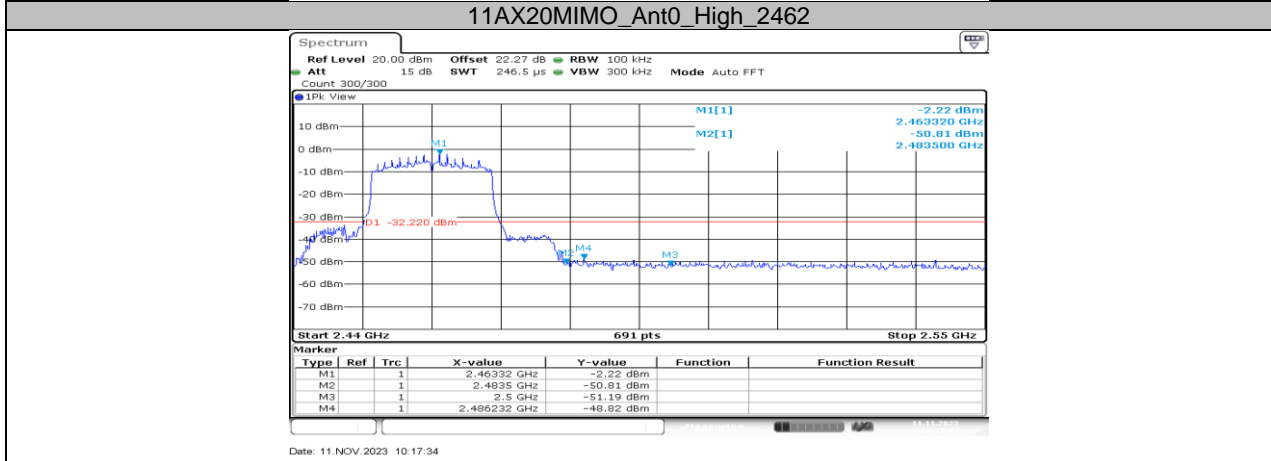
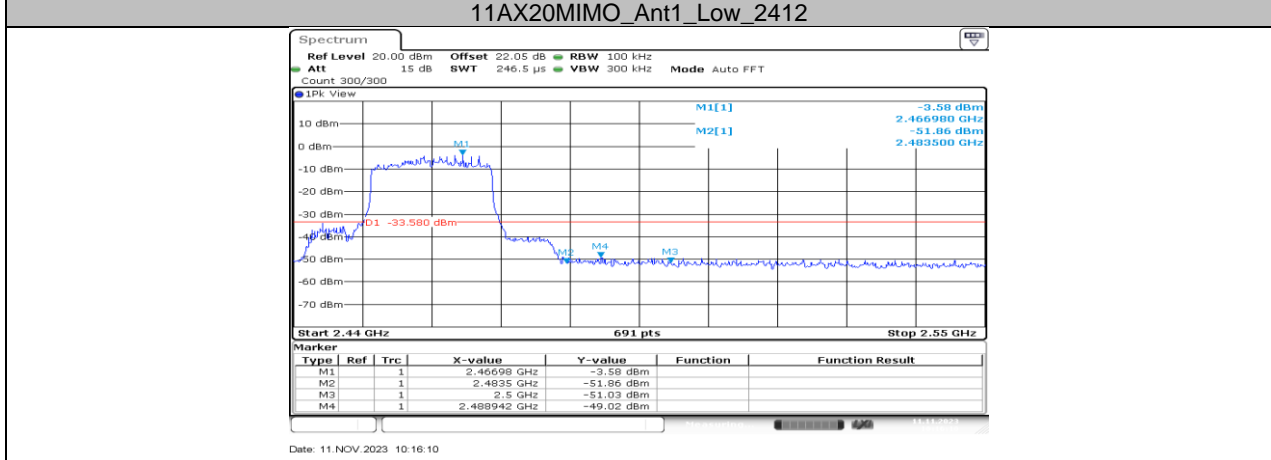
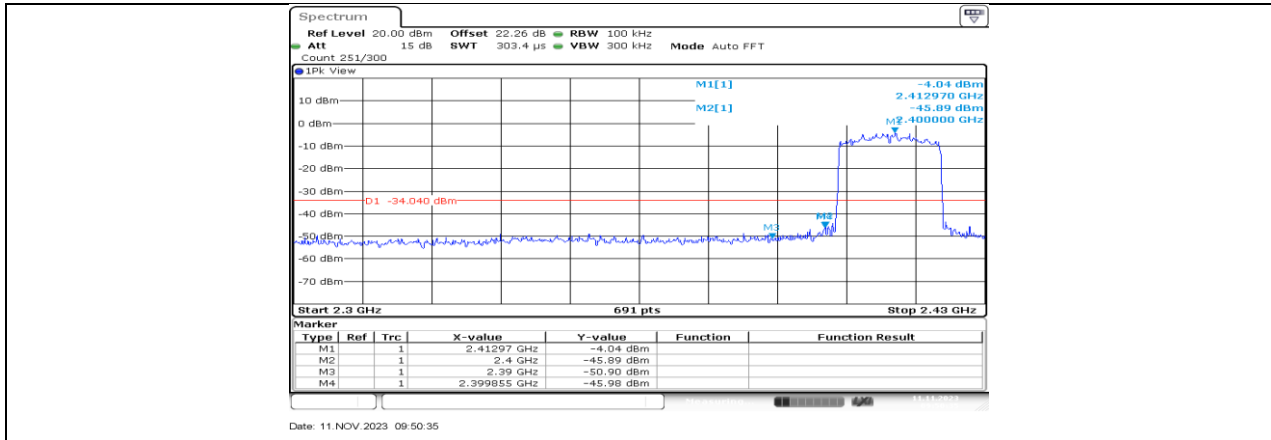
Date: 11.NOV.2023 09:14:35



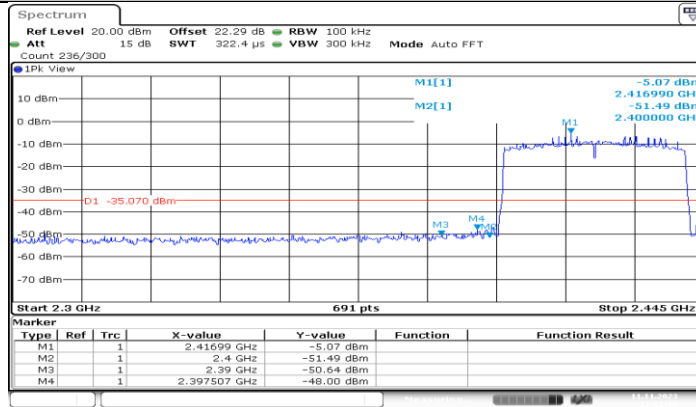
Date: 11.NOV.2023 09:16:02



11AX20MIMO_Ant0_Low_2412

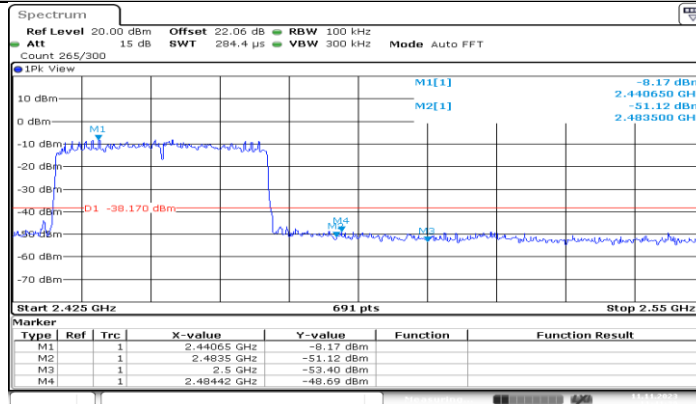


11AX40MIMO_Ant0_Low_2422



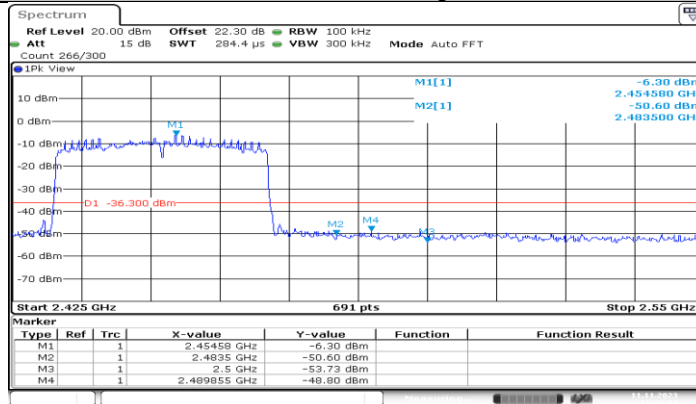
Date: 11.NOV.2023 11:02:16

11AX40MIMO_Ant1_Low_2422



Date: 11.NOV.2023 11:41:30

11AX40MIMO_Ant0_High_2452



Date: 11.NOV.2023 11:43:01

11AX40MIMO_Ant1_High_2452

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	Ant0	2412	Reference	7.31	---	PASS	
			30~1000	-44.59	≤-22.69	PASS	
			1000~26500	-44.06	≤-22.69	PASS	
	Ant1	2412	Reference	7.10	---	PASS	
			30~1000	-44.45	≤-22.9	PASS	
			1000~26500	-43.17	≤-22.9	PASS	
	Ant0	2437	Reference	7.17	---	PASS	
			30~1000	-44.8	≤-22.83	PASS	
			1000~26500	-44.16	≤-22.83	PASS	
	Ant1	2437	Reference	6.65	---	PASS	
			30~1000	-44.98	≤-23.35	PASS	
			1000~26500	-43.73	≤-23.35	PASS	
	Ant0	2462	Reference	6.77	---	PASS	
			30~1000	-44.54	≤-23.23	PASS	
			1000~26500	-43.6	≤-23.23	PASS	
	Ant1	2462	Reference	7.01	---	PASS	
			30~1000	-45.32	≤-22.99	PASS	
			1000~26500	-43.88	≤-22.99	PASS	
	11G	Ant0	2412	Reference	3.19	---	PASS
				30~1000	-45.57	≤-26.81	PASS
				1000~26500	-43.02	≤-26.81	PASS
Ant1		2412	Reference	3.68	---	PASS	
			30~1000	-44.97	≤-26.32	PASS	
			1000~26500	-43.31	≤-26.32	PASS	
Ant0		2437	Reference	2.25	---	PASS	
			30~1000	-44.73	≤-27.75	PASS	
			1000~26500	-43.59	≤-27.75	PASS	
Ant1		2437	Reference	3.27	---	PASS	
			30~1000	-44.73	≤-26.73	PASS	
			1000~26500	-43.32	≤-26.73	PASS	
Ant0		2462	Reference	3.08	---	PASS	
			30~1000	-44.81	≤-26.92	PASS	
			1000~26500	-42.66	≤-26.92	PASS	
Ant1		2462	Reference	3.02	---	PASS	
			30~1000	-45.75	≤-26.98	PASS	
			1000~26500	-43.06	≤-26.98	PASS	
11N20MIMO		Ant0	2412	Reference	1.15	---	PASS
				30~1000	-45.19	≤-28.85	PASS
				1000~26500	-43.89	≤-28.85	PASS
	Ant1	2412	Reference	0.89	---	PASS	
			30~1000	-45.14	≤-29.11	PASS	
			1000~26500	-43.24	≤-29.11	PASS	
	Ant0	2437	Reference	1.05	---	PASS	
			30~1000	-45.32	≤-28.95	PASS	
			1000~26500	-44.2	≤-28.95	PASS	
	Ant1	2437	Reference	1.27	---	PASS	
			30~1000	-45.45	≤-28.73	PASS	
			1000~26500	-43.38	≤-28.73	PASS	
	Ant0	2462	Reference	2.22	---	PASS	
			30~1000	-45.24	≤-27.78	PASS	
			1000~26500	-44.1	≤-27.78	PASS	
	Ant1	2462	Reference	2.01	---	PASS	
			30~1000	-44.77	≤-27.99	PASS	
			1000~26500	-43.67	≤-27.99	PASS	
	11N40MIMO	Ant0	2422	Reference	-0.98	---	PASS
				30~1000	-45.76	≤-30.98	PASS
				1000~26500	-44.16	≤-30.98	PASS
Ant1		2422	Reference	-0.67	---	PASS	

	Ant0	2437	30~1000	-45.47	≤ -30.67	PASS	
			1000~26500	-43.02	≤ -30.67	PASS	
			Reference	-2.03	---	PASS	
			30~1000	-45.72	≤ -32.03	PASS	
			1000~26500	-43.75	≤ -32.03	PASS	
			Reference	-1.41	---	PASS	
	Ant1	2437	30~1000	-44.7	≤ -31.41	PASS	
			1000~26500	-43.51	≤ -31.41	PASS	
			Reference	-1.04	---	PASS	
	Ant0	2452	30~1000	-45.52	≤ -31.04	PASS	
			1000~26500	-43.68	≤ -31.04	PASS	
			Reference	-0.99	---	PASS	
Ant1	2452	30~1000	-45.01	≤ -30.99	PASS		
		1000~26500	-43.43	≤ -30.99	PASS		
		Reference	-1.86	---	PASS		
		Reference	-1.86	---	PASS		
11AX20MIMO	Ant0	2412	30~1000	-45.52	≤ -31.86	PASS	
			1000~26500	-43.22	≤ -31.86	PASS	
			Reference	-1.37	---	PASS	
	Ant1	2412	30~1000	-45.34	≤ -31.37	PASS	
			1000~26500	-43.78	≤ -31.37	PASS	
			Reference	-3.70	---	PASS	
	Ant0	2437	30~1000	-45.13	≤ -33.7	PASS	
			1000~26500	-43.53	≤ -33.7	PASS	
			Reference	-3.05	---	PASS	
	Ant1	2437	30~1000	-45.07	≤ -33.05	PASS	
			1000~26500	-43.68	≤ -33.05	PASS	
			Reference	-2.60	---	PASS	
	Ant0	2462	30~1000	-44.91	≤ -32.6	PASS	
			1000~26500	-43.66	≤ -32.6	PASS	
			Reference	-2.41	---	PASS	
	Ant1	2462	30~1000	-45.21	≤ -32.41	PASS	
			1000~26500	-43.96	≤ -32.41	PASS	
			Reference	-5.56	---	PASS	
	11AX40MIMO	Ant0	2422	30~1000	-45.33	≤ -35.56	PASS
				1000~26500	-43.27	≤ -35.56	PASS
				Reference	-5.24	---	PASS
		Ant1	2422	30~1000	-45.34	≤ -35.24	PASS
				1000~26500	-43.79	≤ -35.24	PASS
				Reference	-5.90	---	PASS
Ant0		2437	30~1000	-45.45	≤ -35.9	PASS	
			1000~26500	-43.69	≤ -35.9	PASS	
			Reference	-6.26	---	PASS	
Ant1		2437	30~1000	-45.55	≤ -36.26	PASS	
			1000~26500	-43.19	≤ -36.26	PASS	
			Reference	-5.83	---	PASS	
Ant0		2452	30~1000	-45.14	≤ -35.83	PASS	
			1000~26500	-43.93	≤ -35.83	PASS	
			Reference	-6.32	---	PASS	
Ant1		2452	30~1000	-44.48	≤ -36.32	PASS	
			1000~26500	-43.39	≤ -36.32	PASS	

11.6.2. Test Graphs

