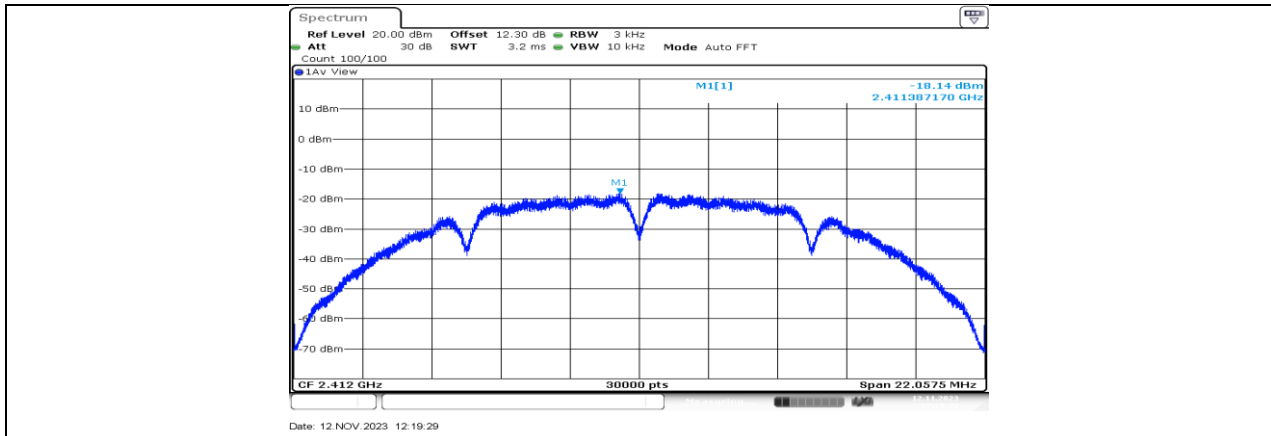
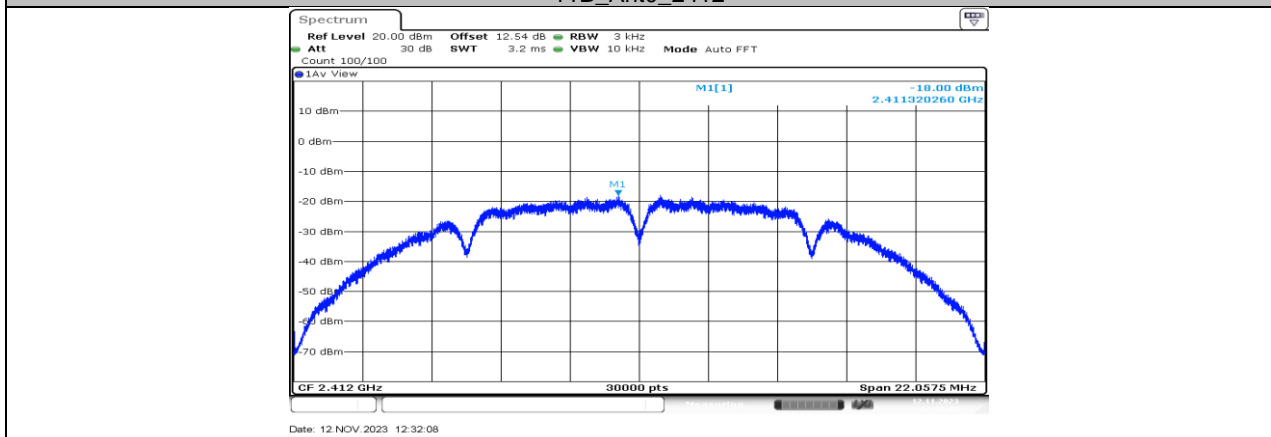


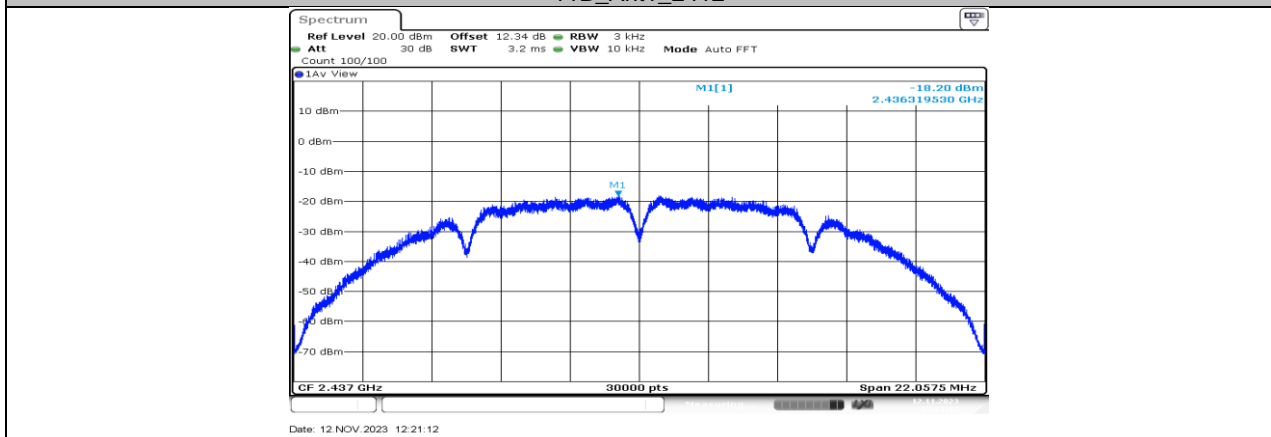
### 11.4.2. Test Graphs



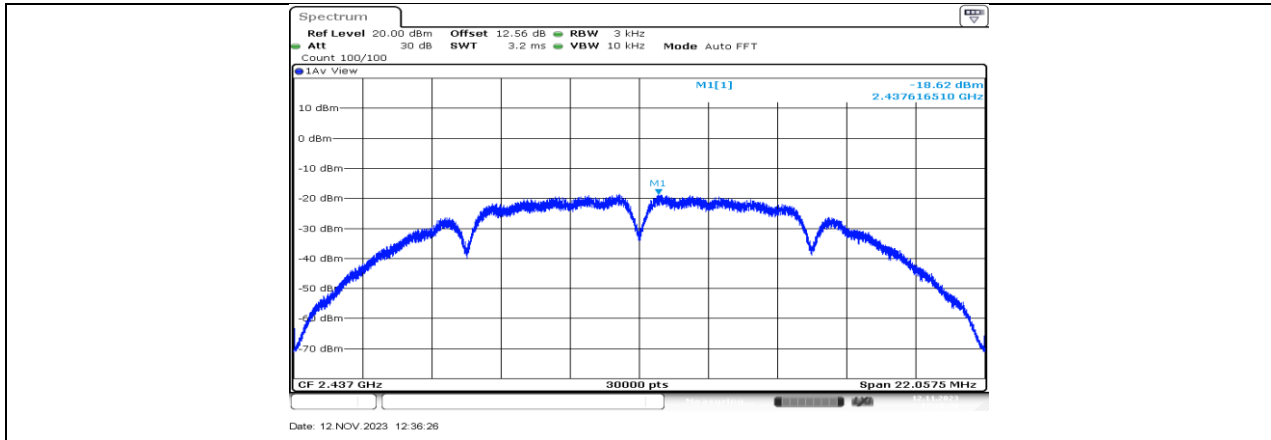
11B\_Ant0\_2412



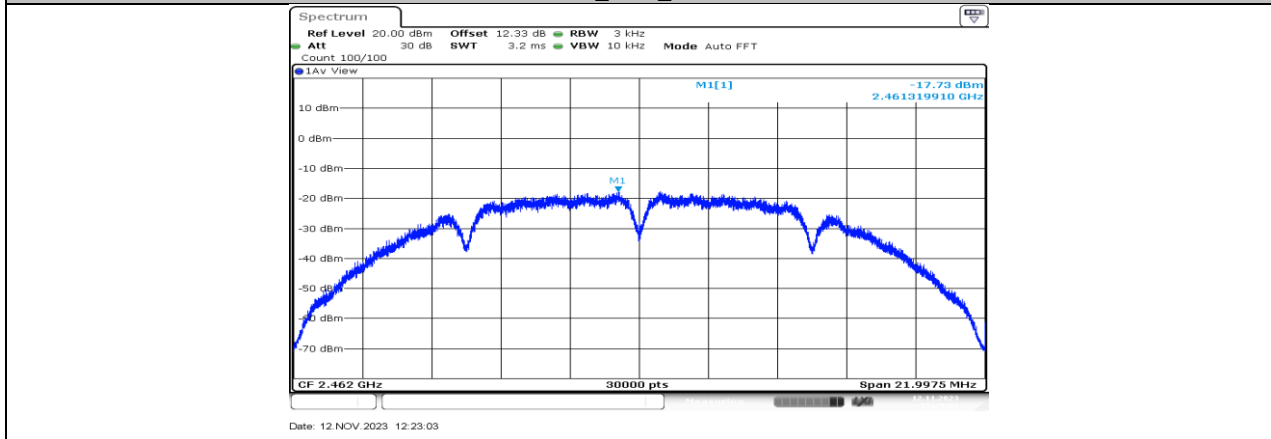
11B\_Ant1\_2412



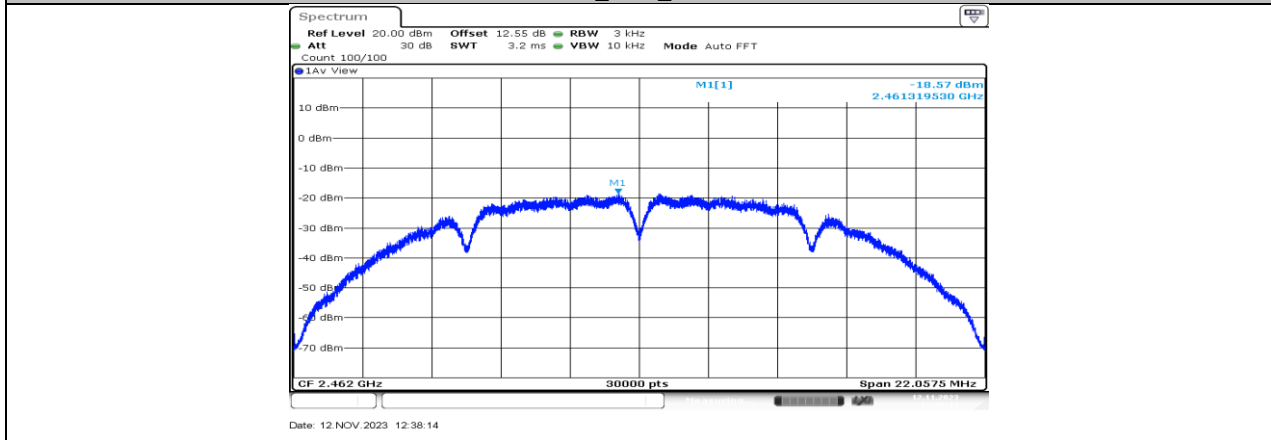
11B\_Ant0\_2437



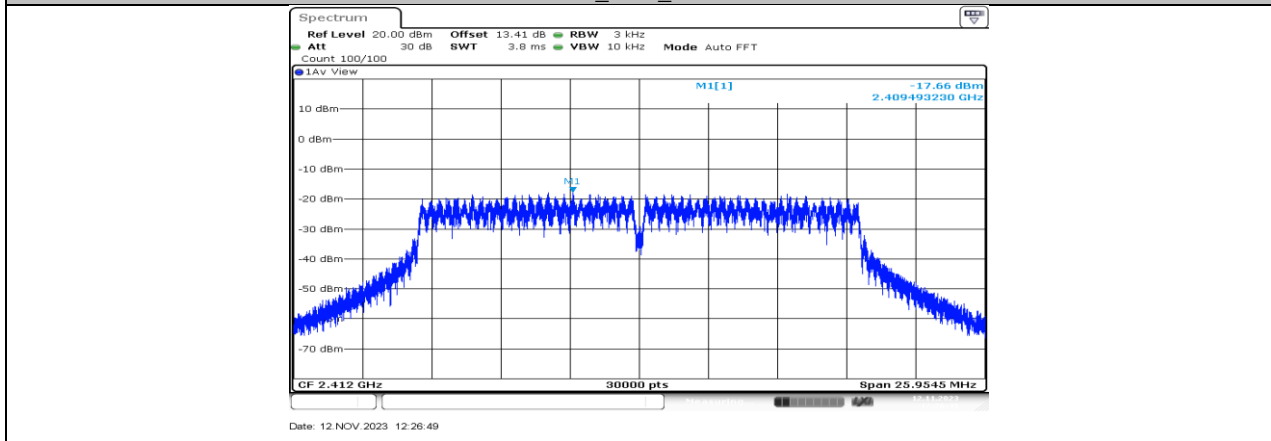
11B\_Ant1\_2437

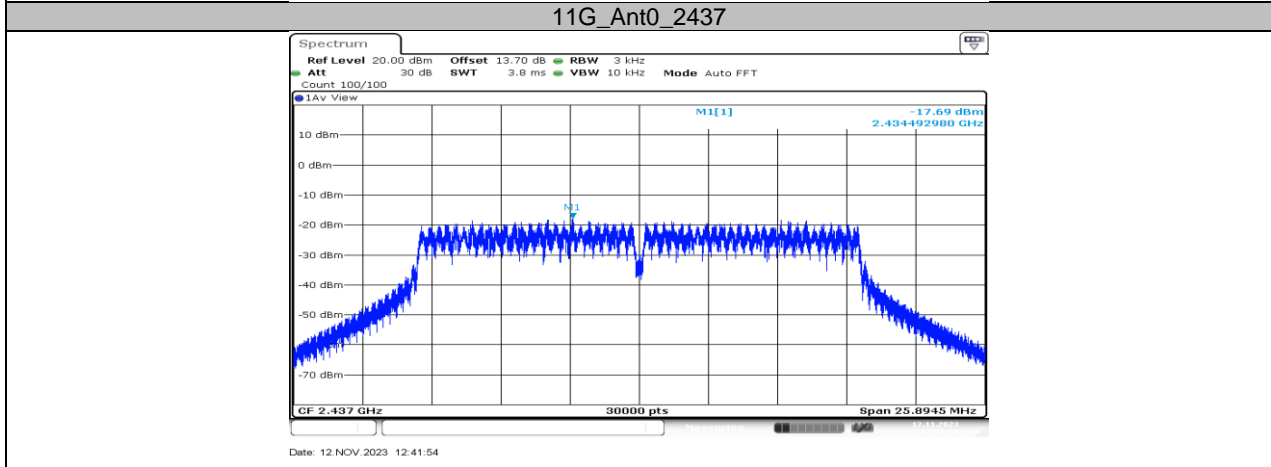
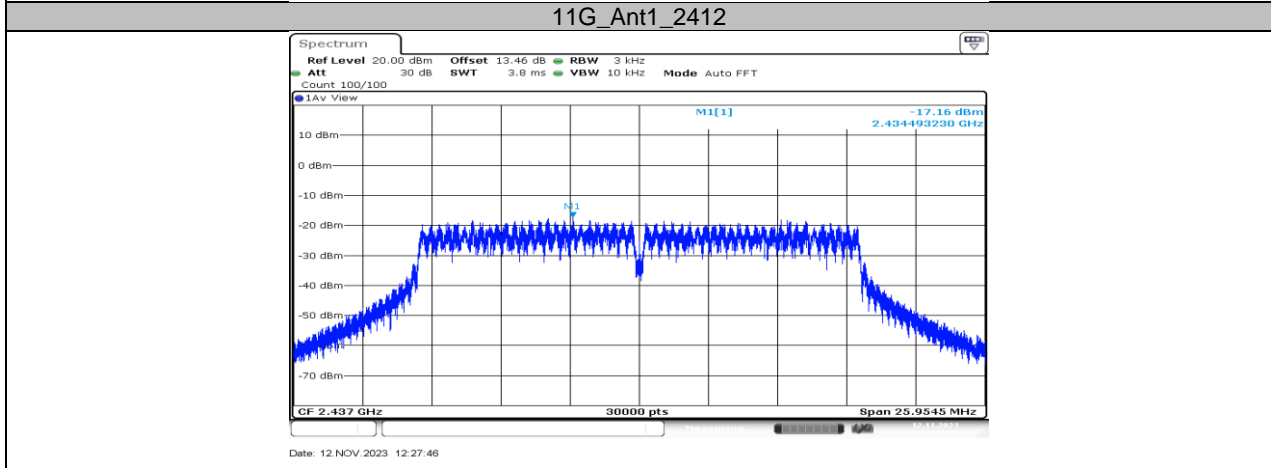
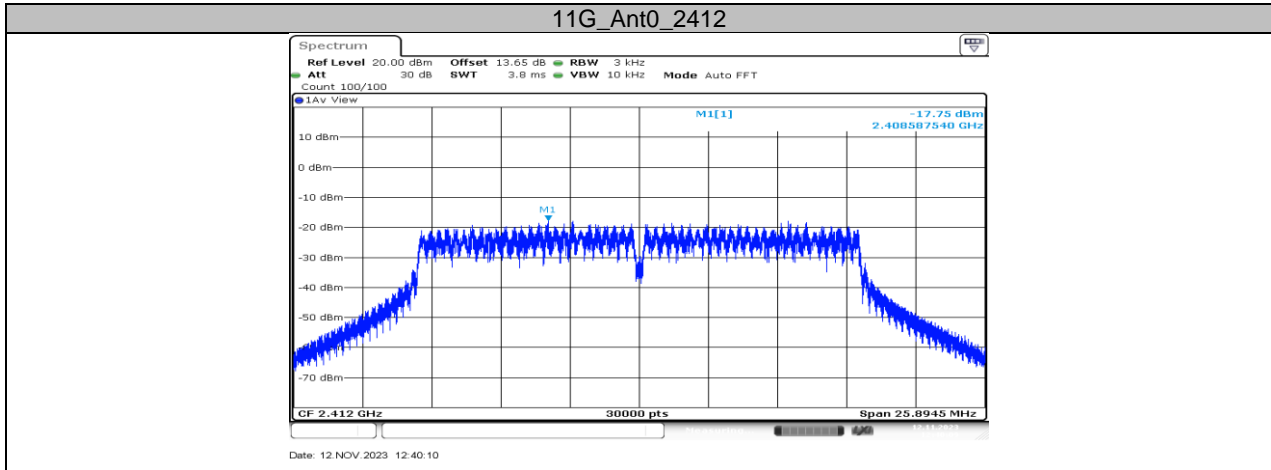


11B\_Ant0\_2462

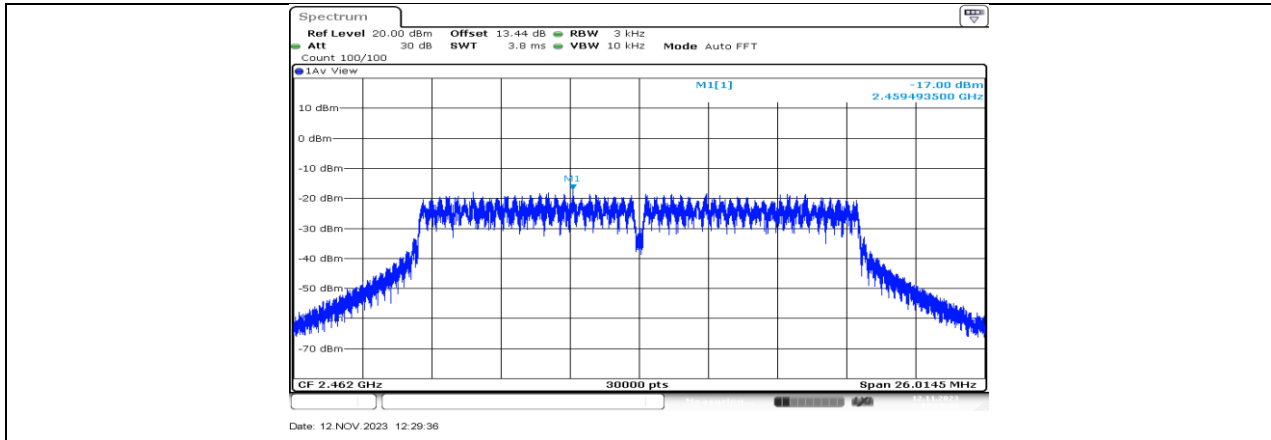


11B\_Ant1\_2462

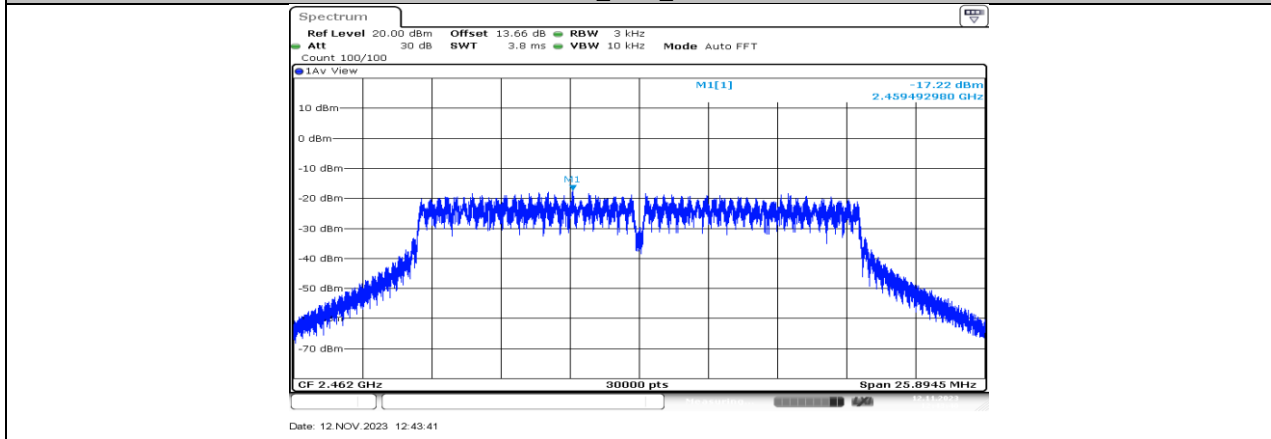




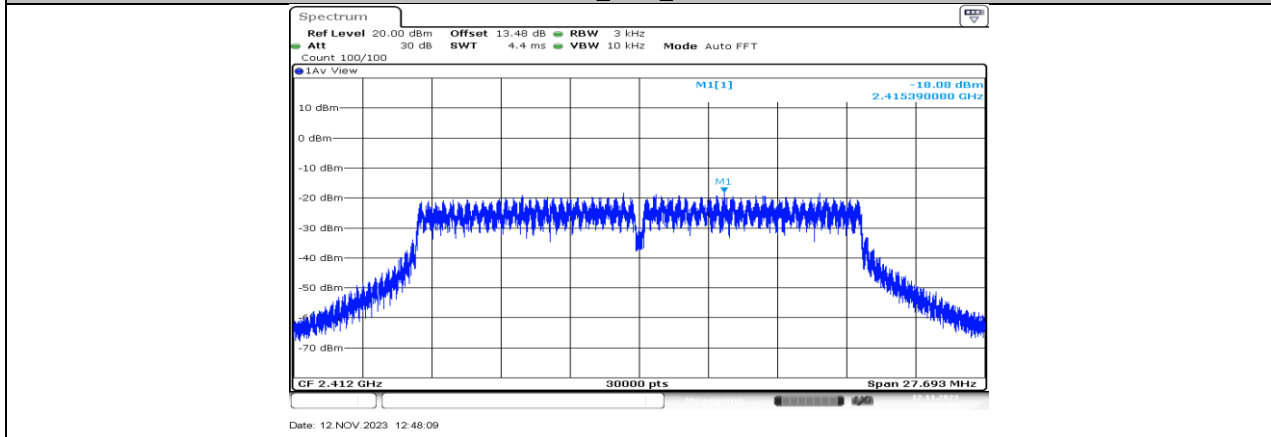
### 11G\_Ant1\_2437



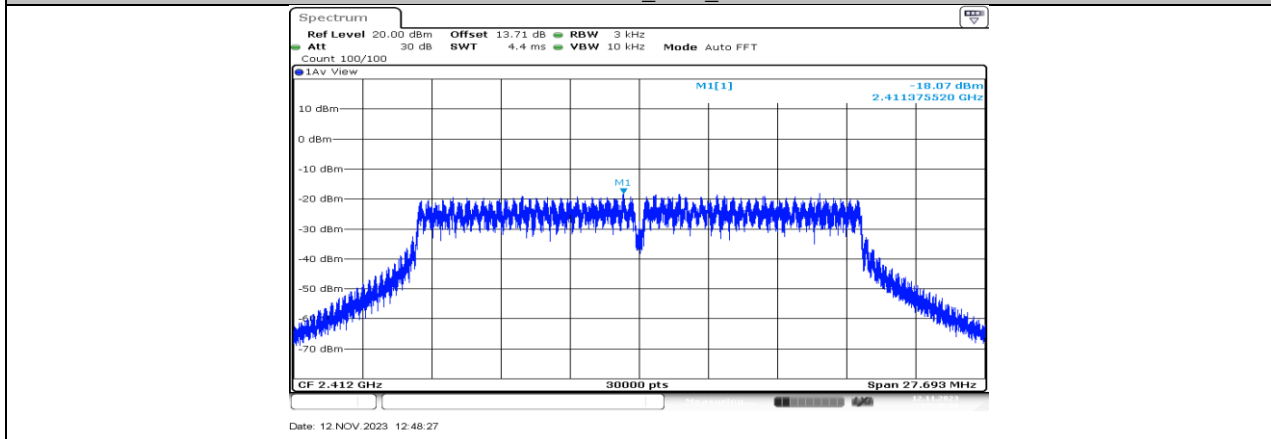
11G\_Ant0\_2462

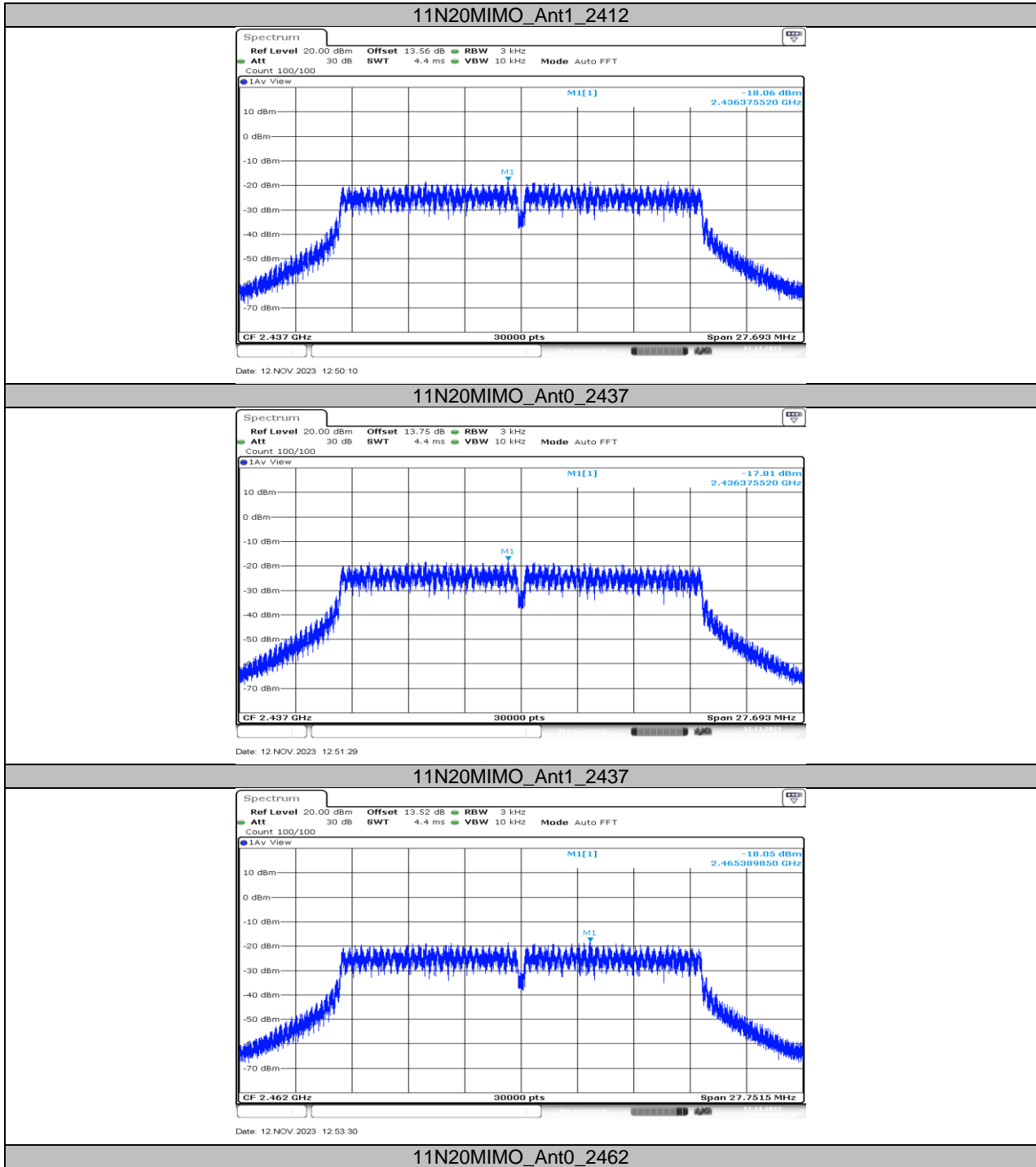


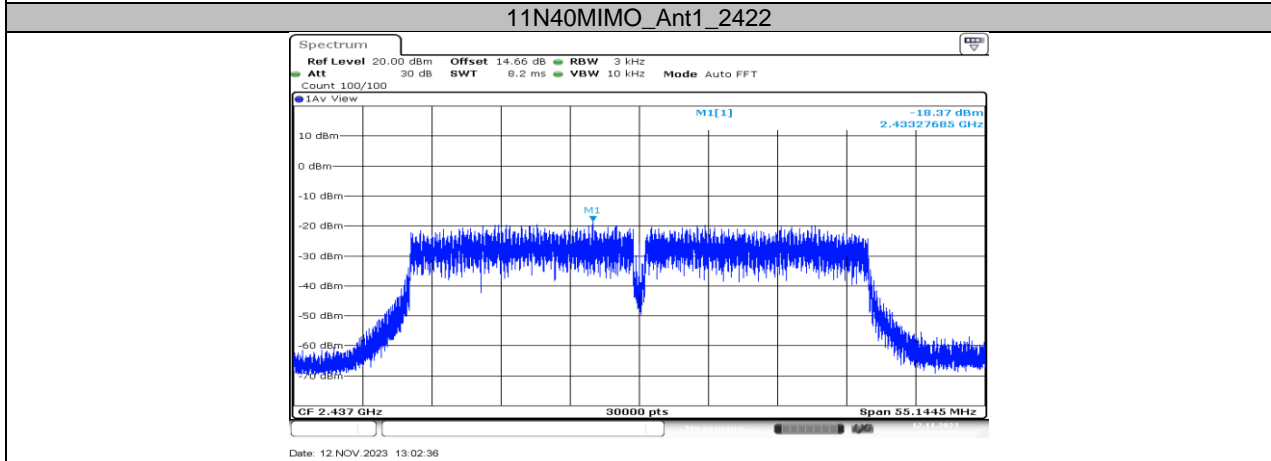
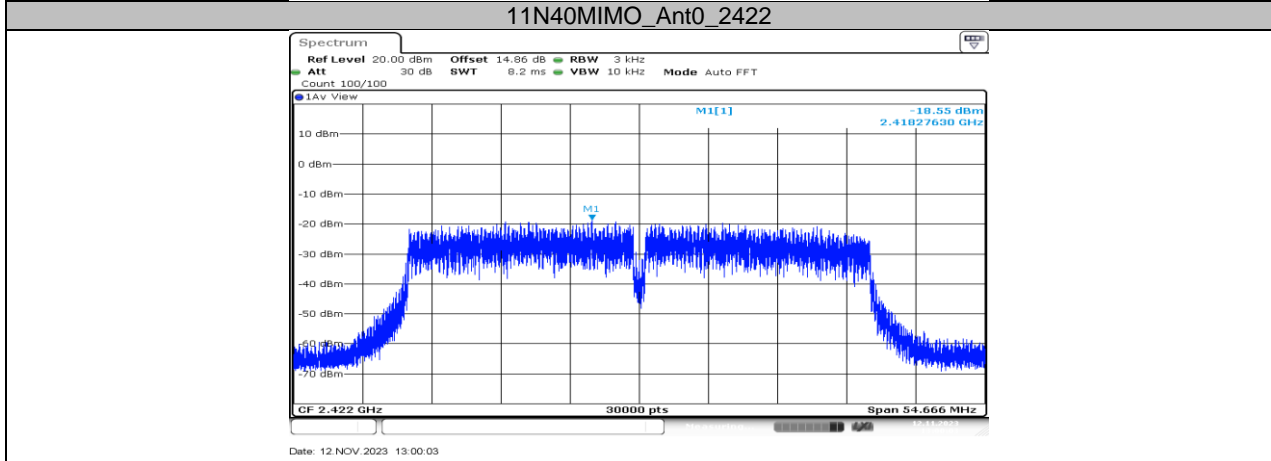
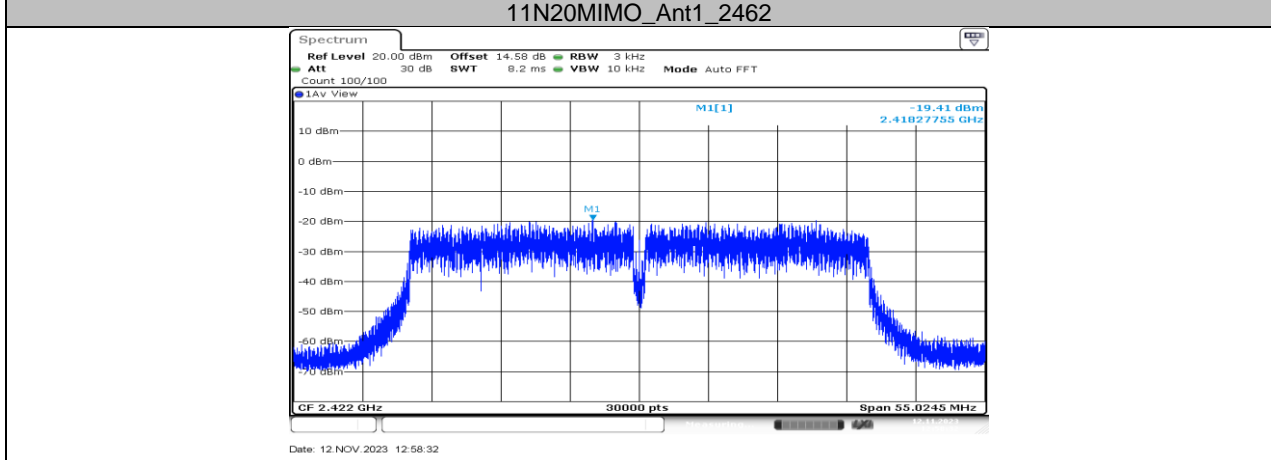
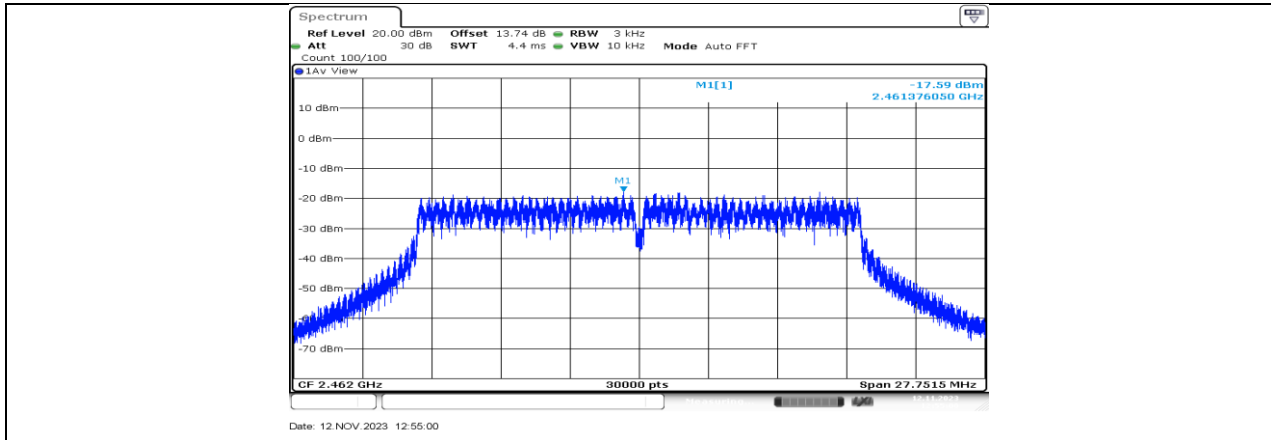
11G\_Ant1\_2462

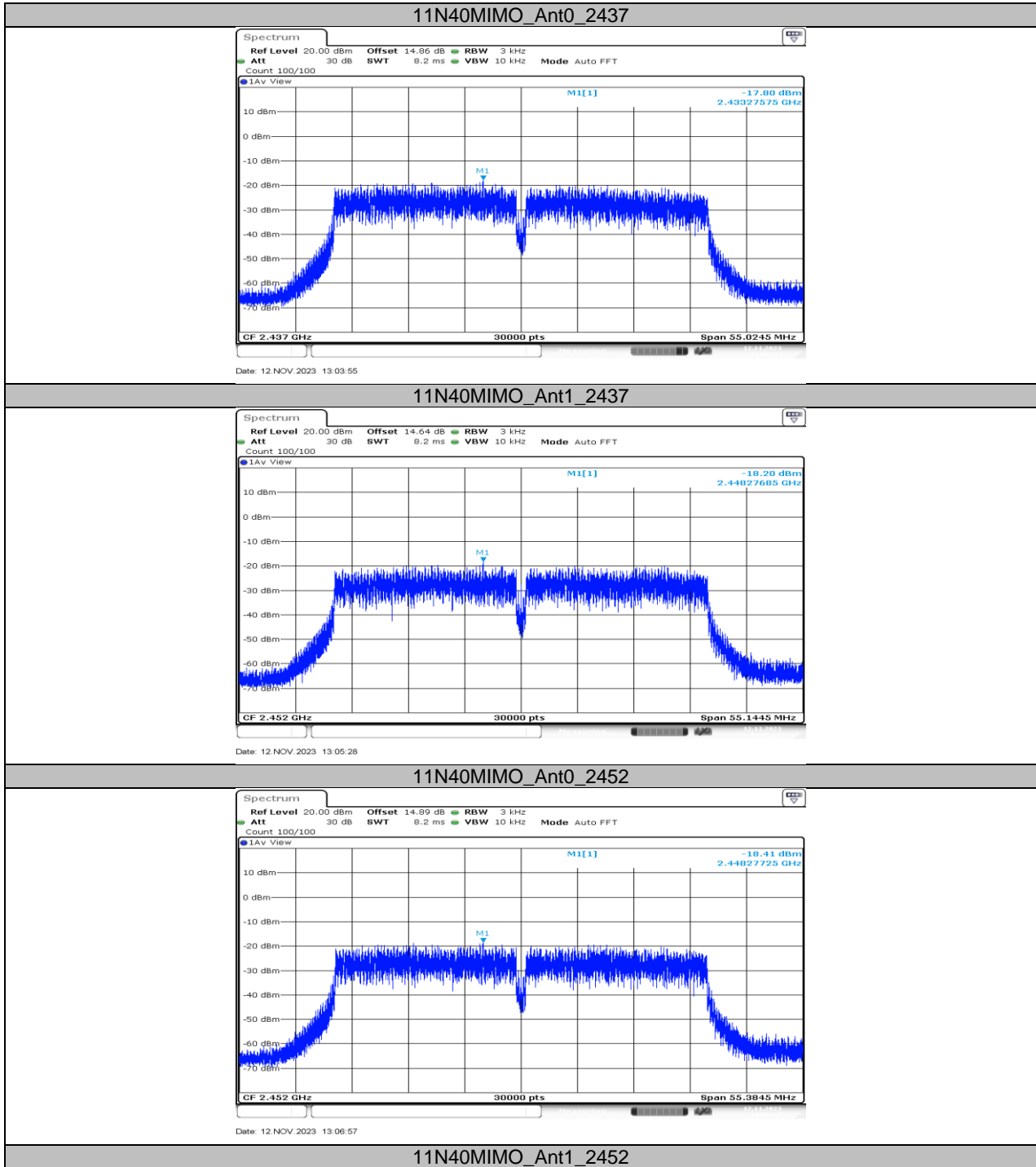


11N20MIMO\_Ant0\_2412









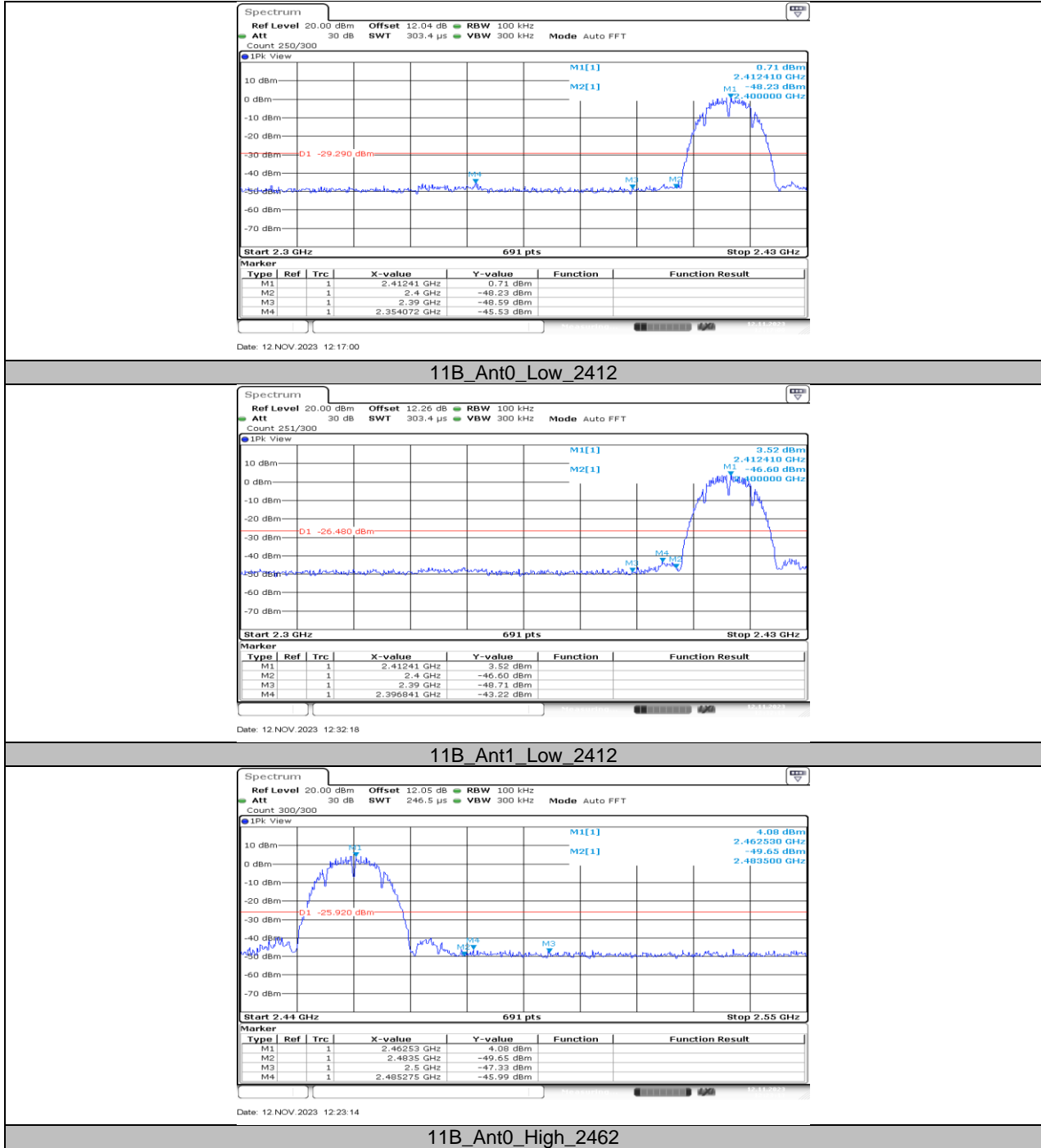
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

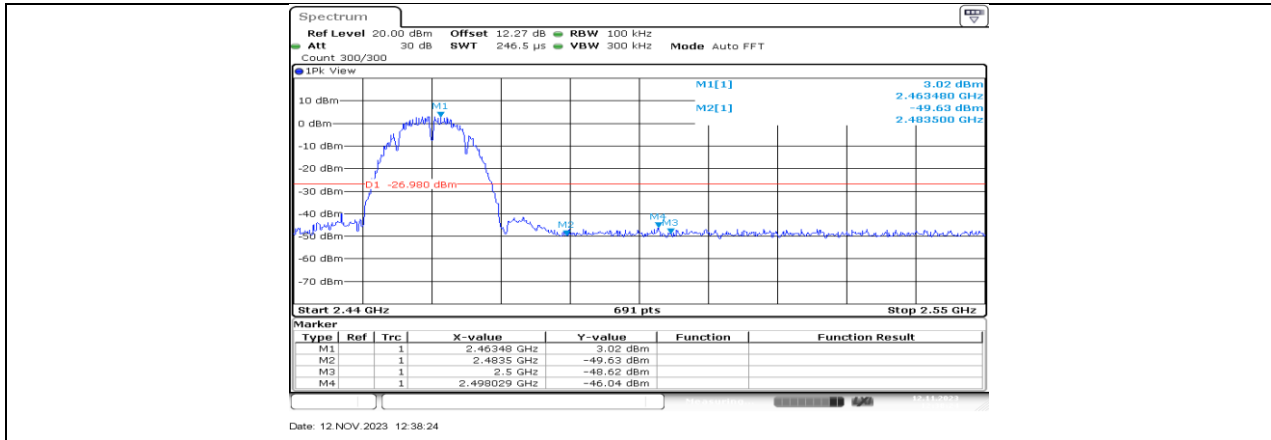
### 11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	0.71	-45.53	≤-29.29	PASS
	Ant1	Low	2412	3.52	-43.22	≤-26.48	PASS
	Ant0	High	2462	4.08	-45.99	≤-25.92	PASS
	Ant1	High	2462	3.02	-46.04	≤-26.98	PASS
11G	Ant0	Low	2412	-0.75	-39.21	≤-30.75	PASS
	Ant1	Low	2412	1.58	-38.38	≤-28.42	PASS
	Ant0	High	2462	1.81	-45.39	≤-28.19	PASS
	Ant1	High	2462	1.61	-45.81	≤-28.39	PASS
11N20MIMO	Ant0	Low	2412	-2.13	-36.41	≤-32.13	PASS
	Ant1	Low	2412	0.77	-33.77	≤-29.23	PASS
	Ant0	High	2462	-0.17	-46.01	≤-30.17	PASS
	Ant1	High	2462	1.59	-44.18	≤-28.41	PASS
11N40MIMO	Ant0	Low	2422	-1.16	-39.73	≤-31.16	PASS
	Ant1	Low	2422	-0.08	-37.29	≤-30.08	PASS
	Ant0	High	2452	-1.09	-38.53	≤-31.09	PASS
	Ant1	High	2452	-1.45	-35.46	≤-31.45	PASS

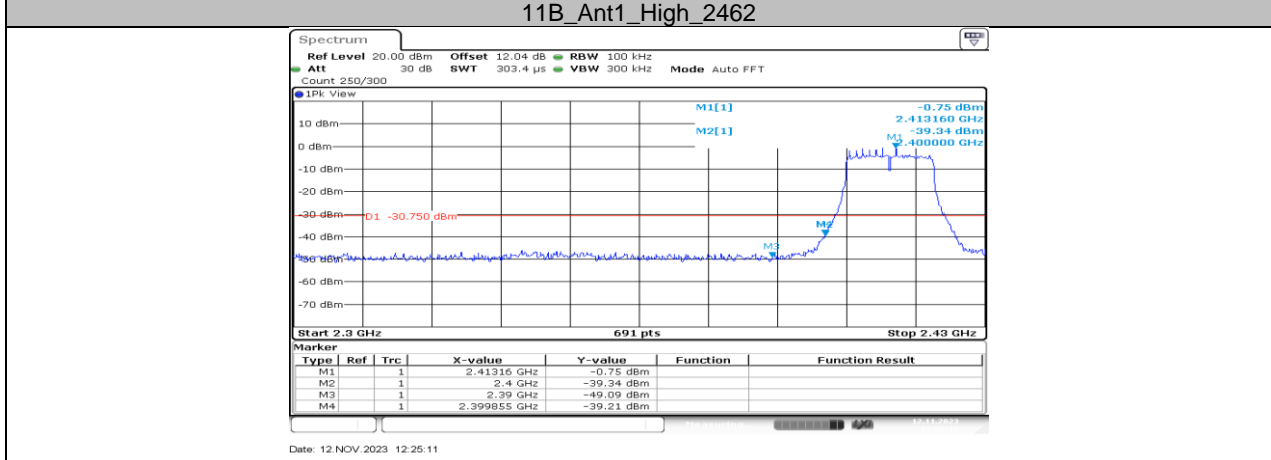


## 11.5.2. Test Graphs

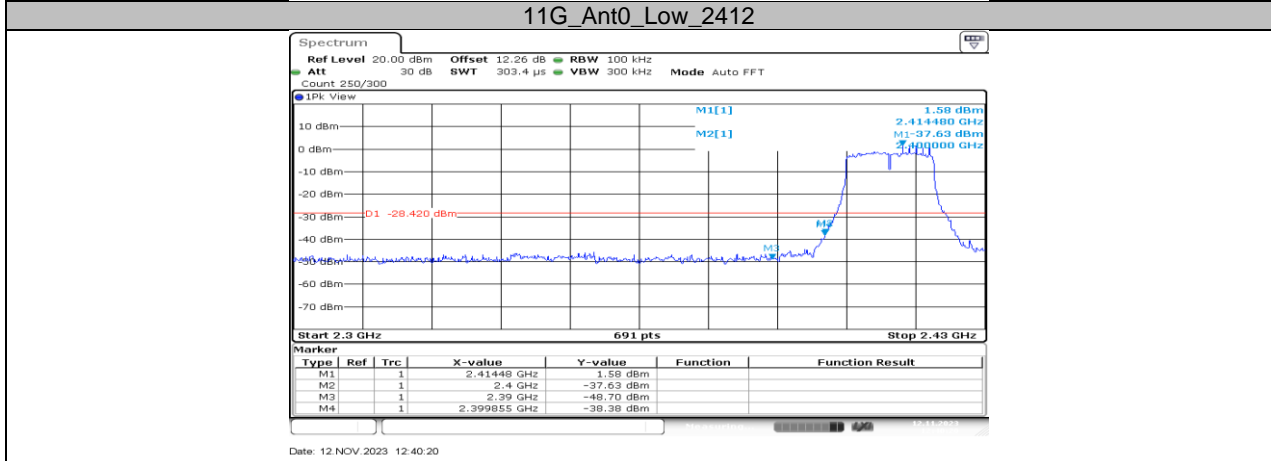




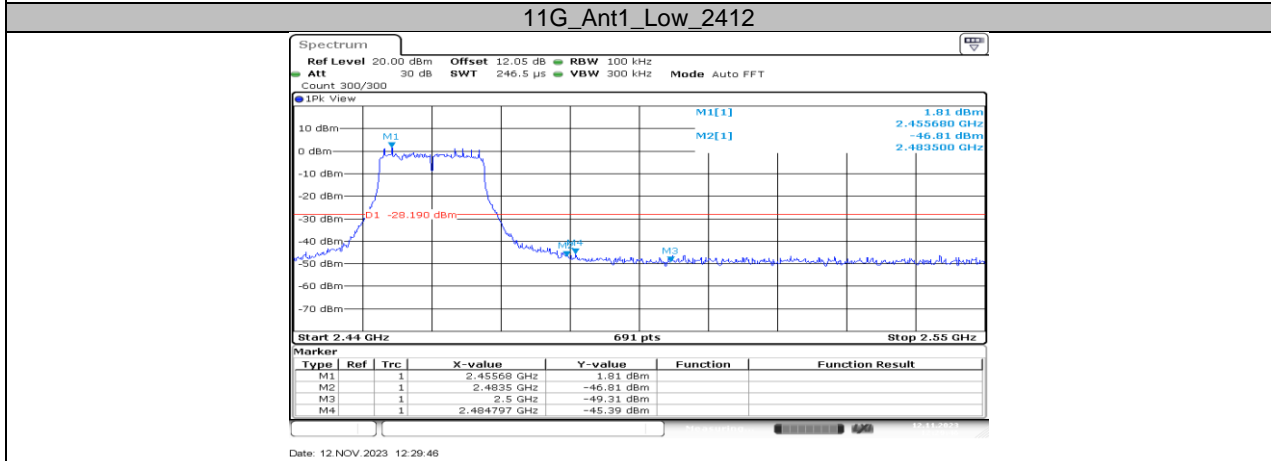
Date: 12.NOV.2023 12:38:24



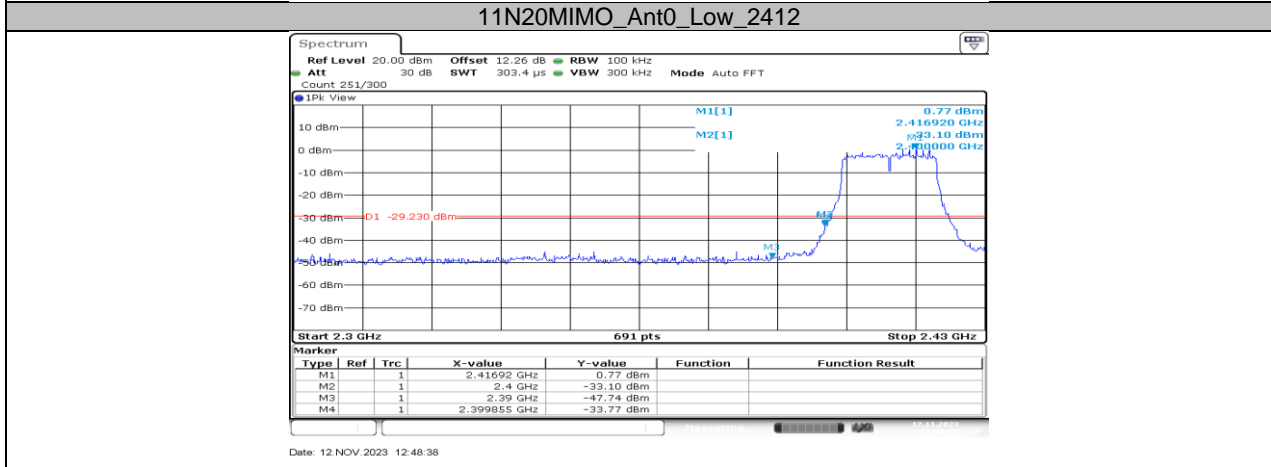
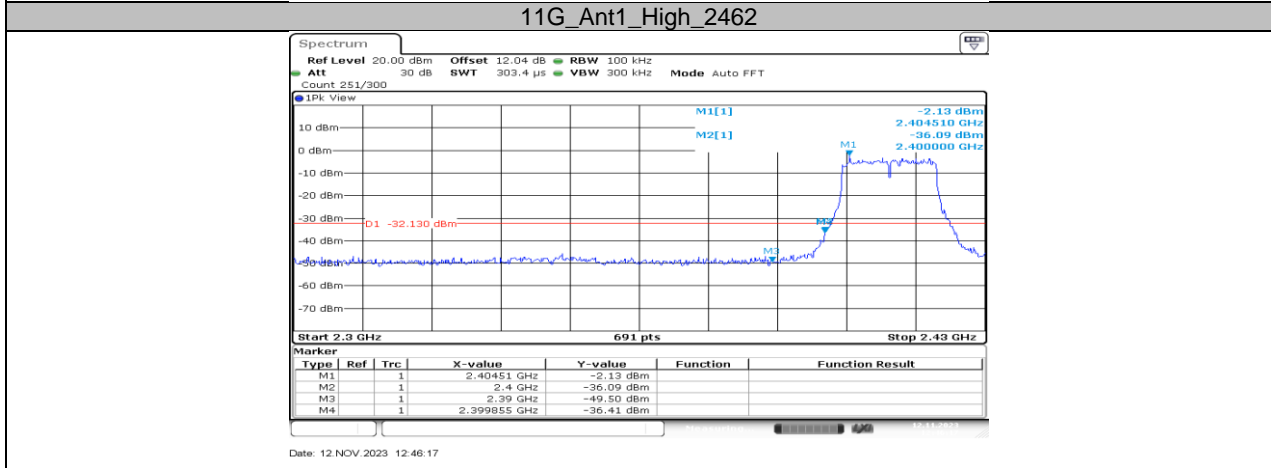
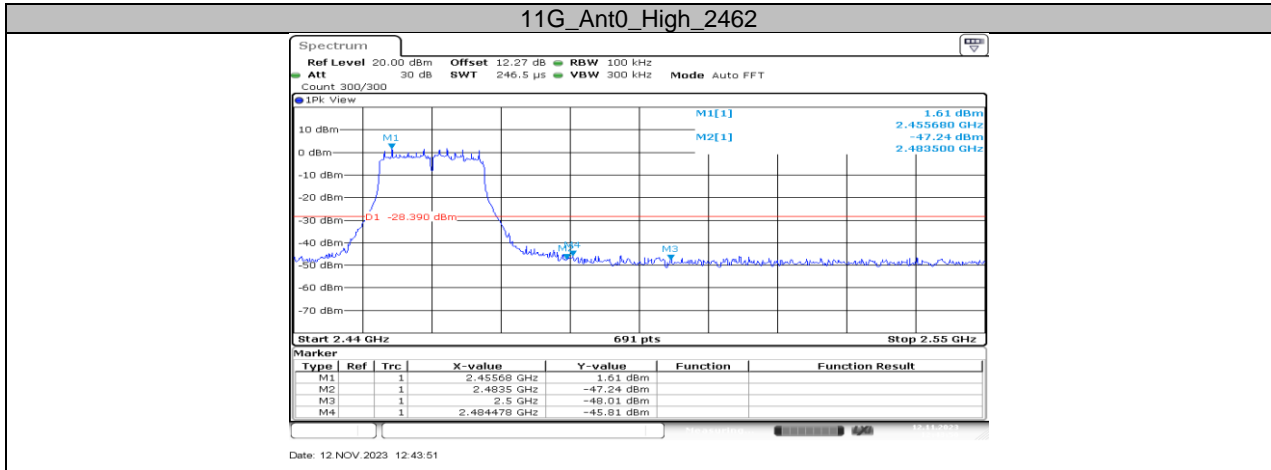
Date: 12.NOV.2023 12:25:11



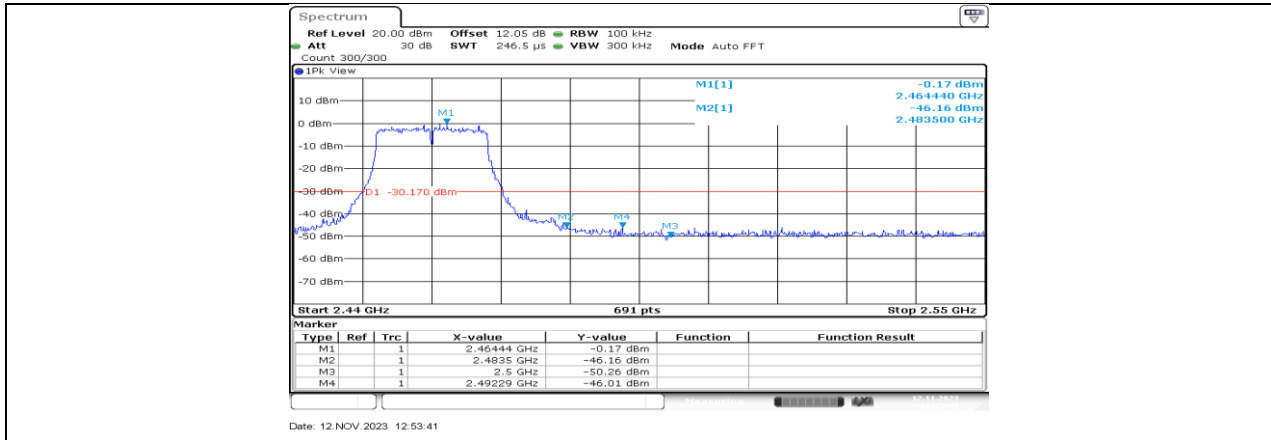
Date: 12.NOV.2023 12:40:20



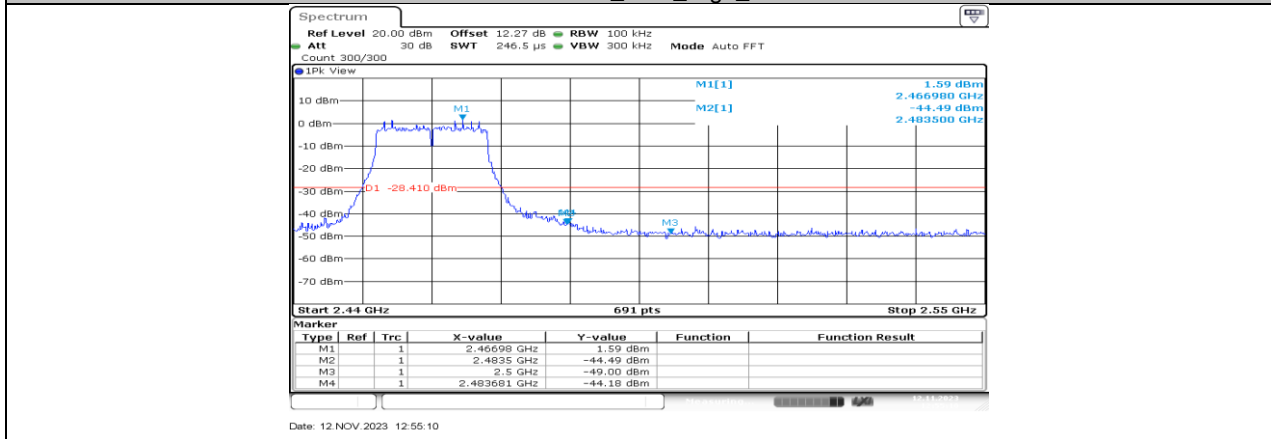
Date: 12.NOV.2023 12:29:48



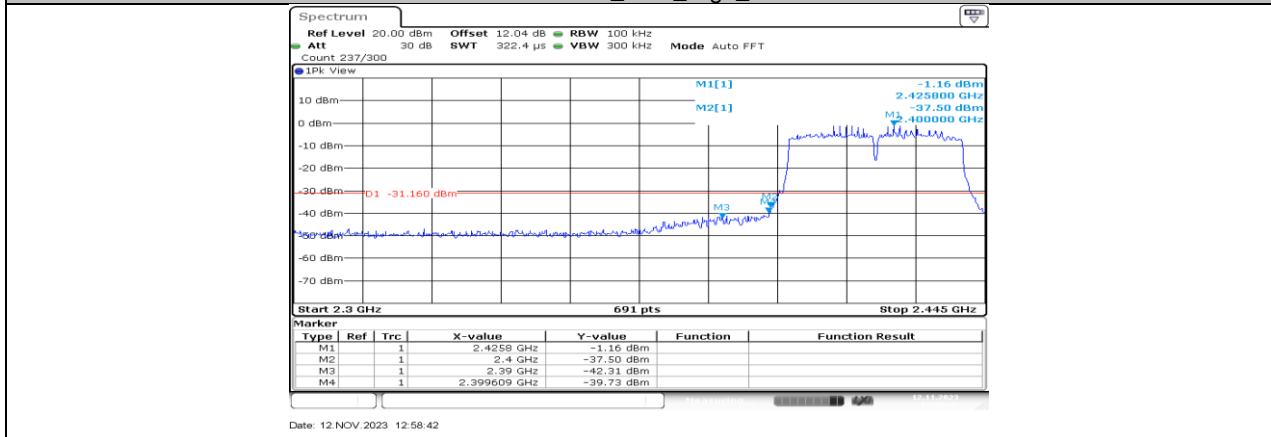
### 11N20MIMO\_Ant1\_Low\_2412



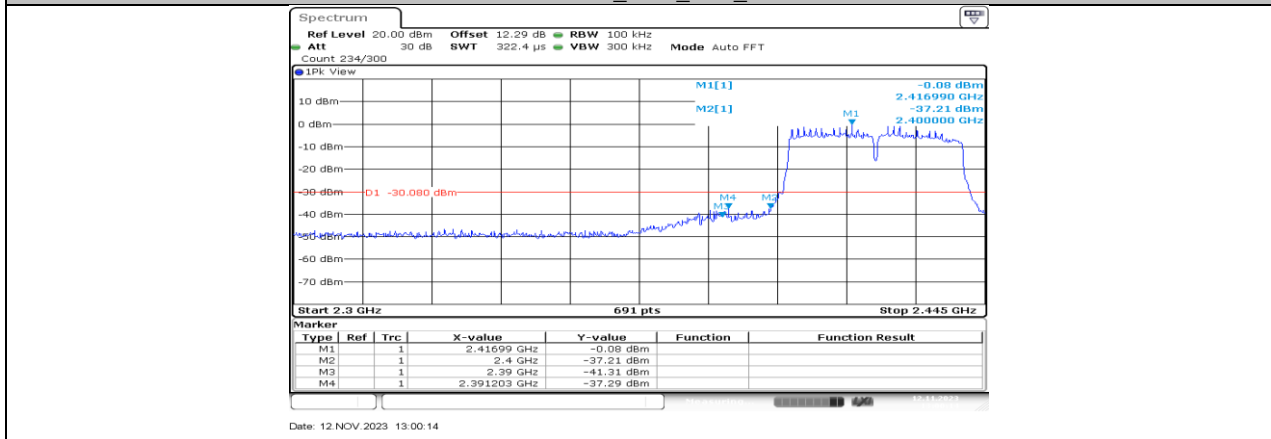
11N20MIMO\_Ant0\_High\_2462

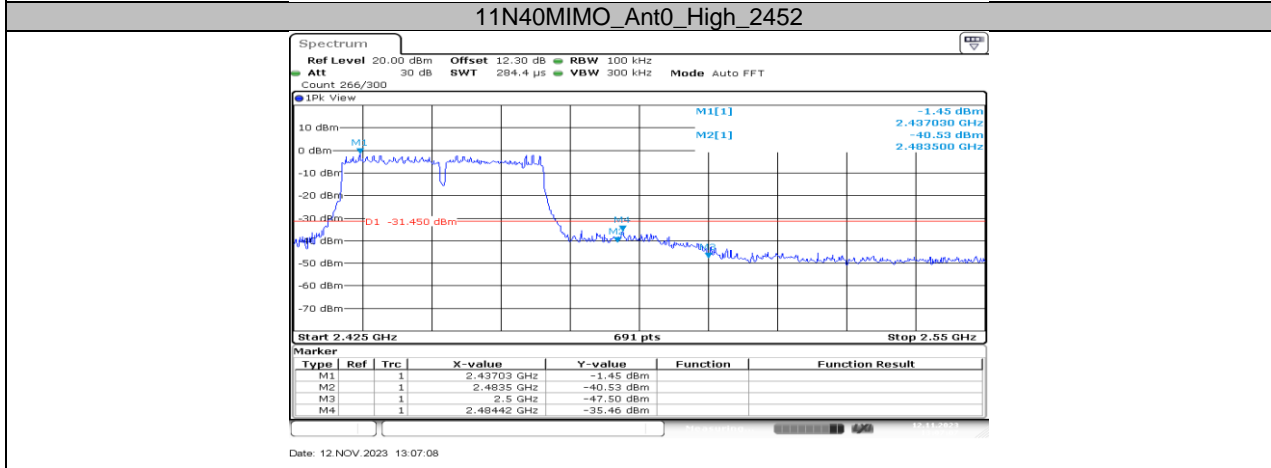
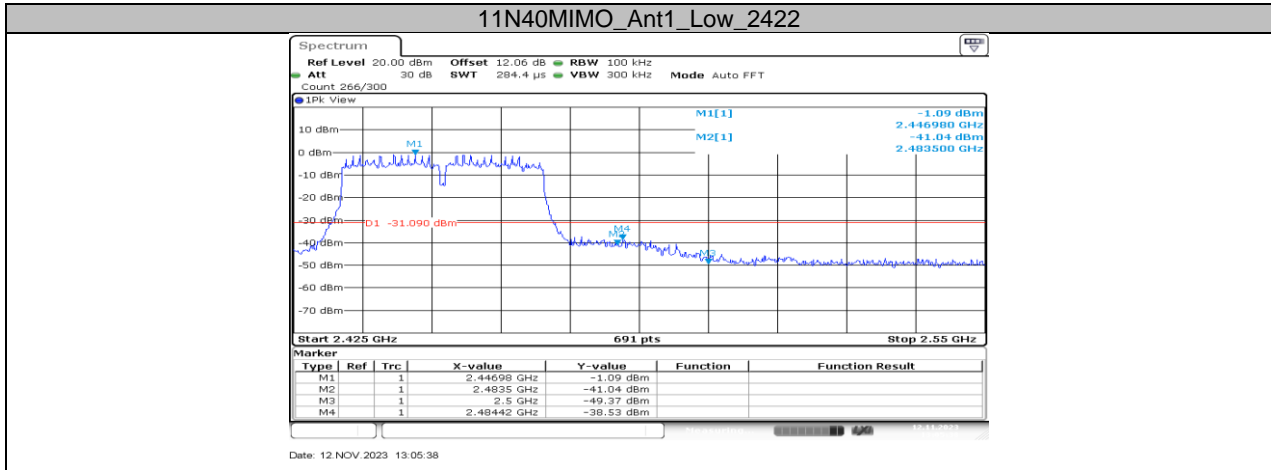


11N20MIMO\_Ant1\_High\_2462



11N40MIMO\_Ant0\_Low\_2422





### 11N40MIMO\_Ant1\_High\_2452

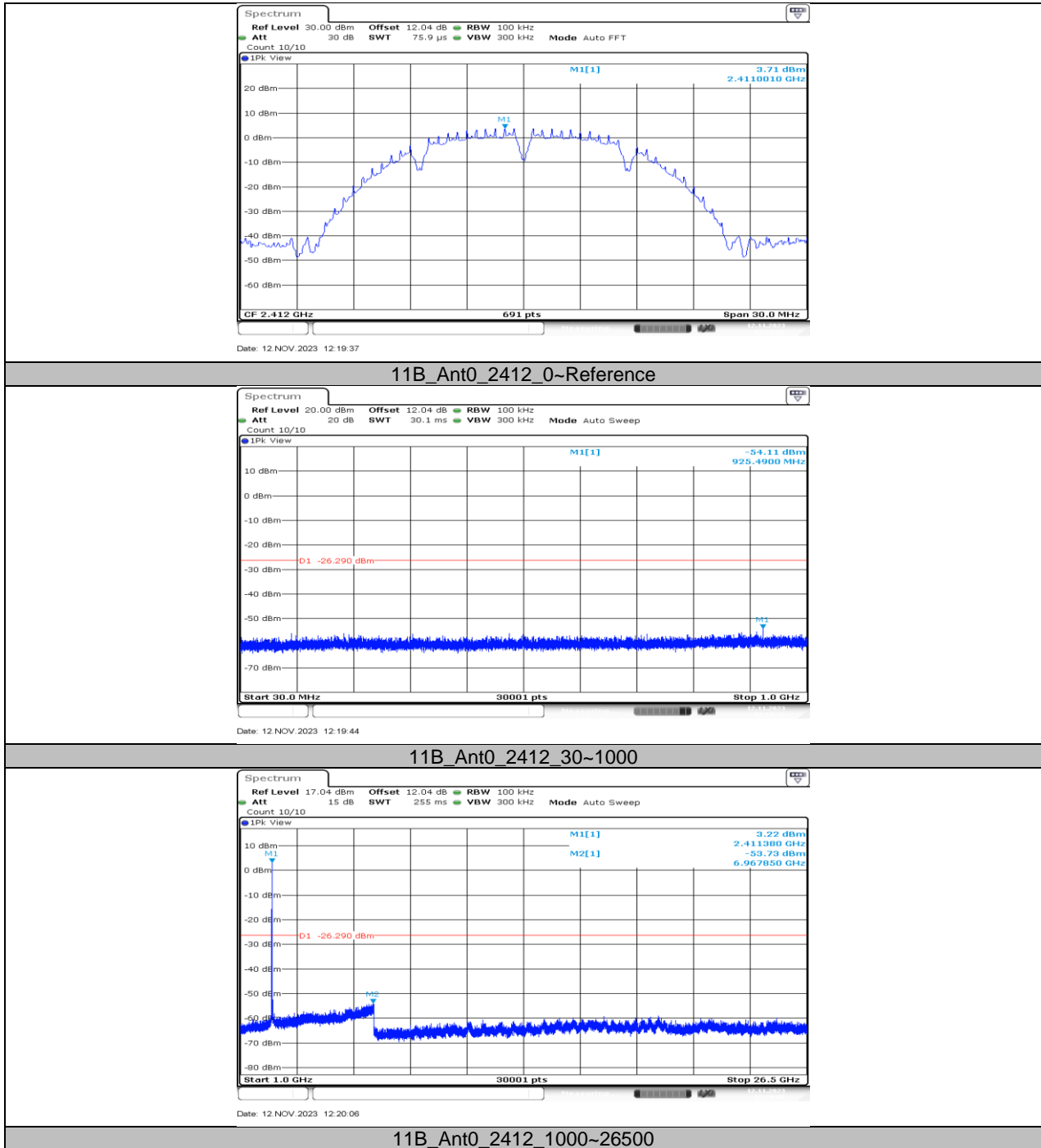
## 11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

### 11.6.1. Test Result

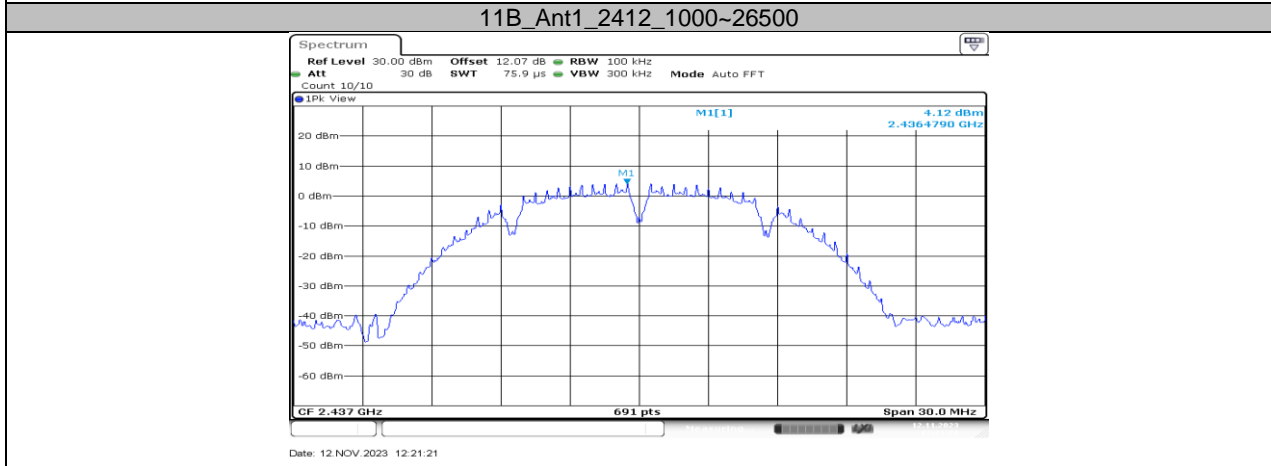
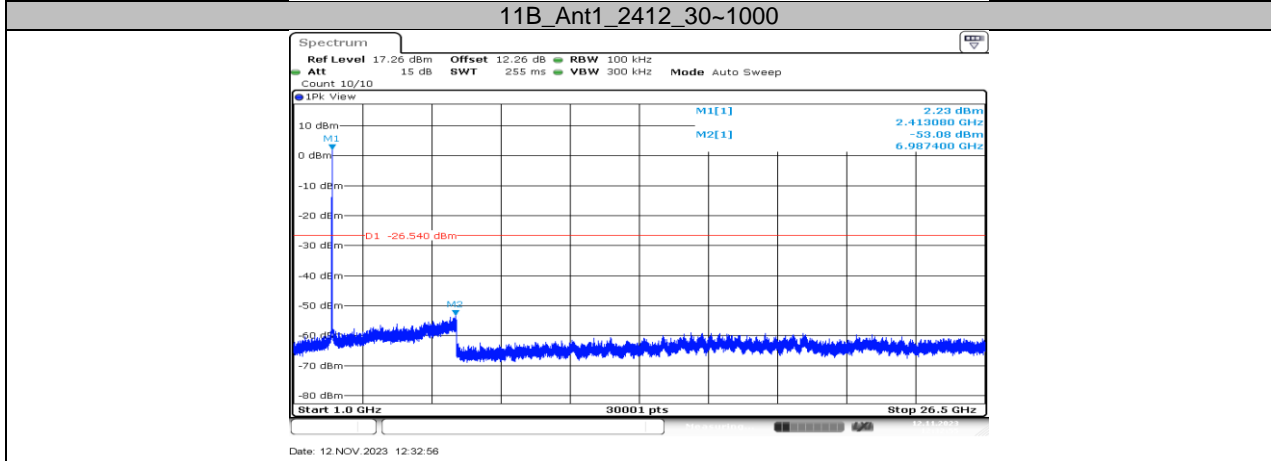
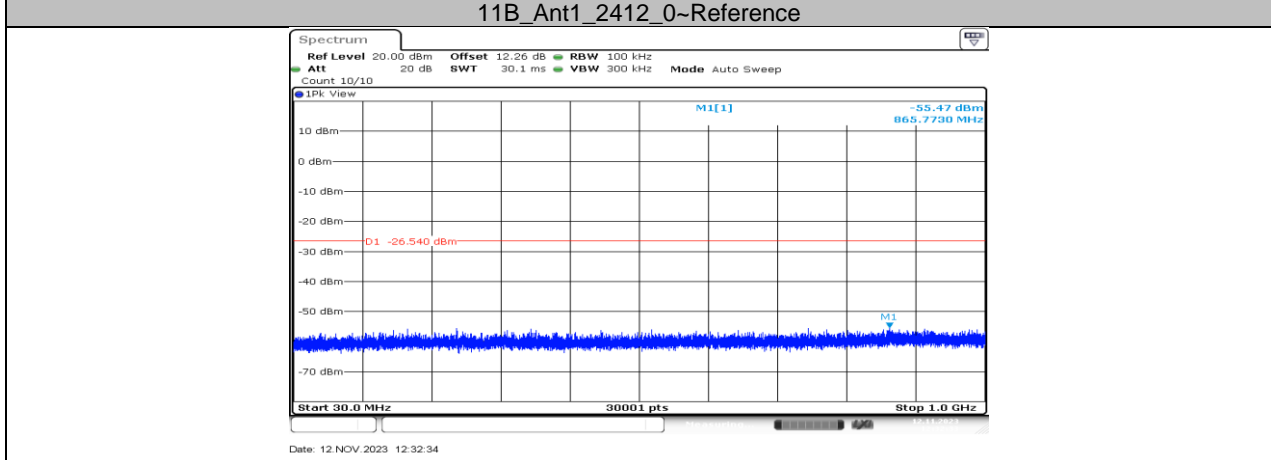
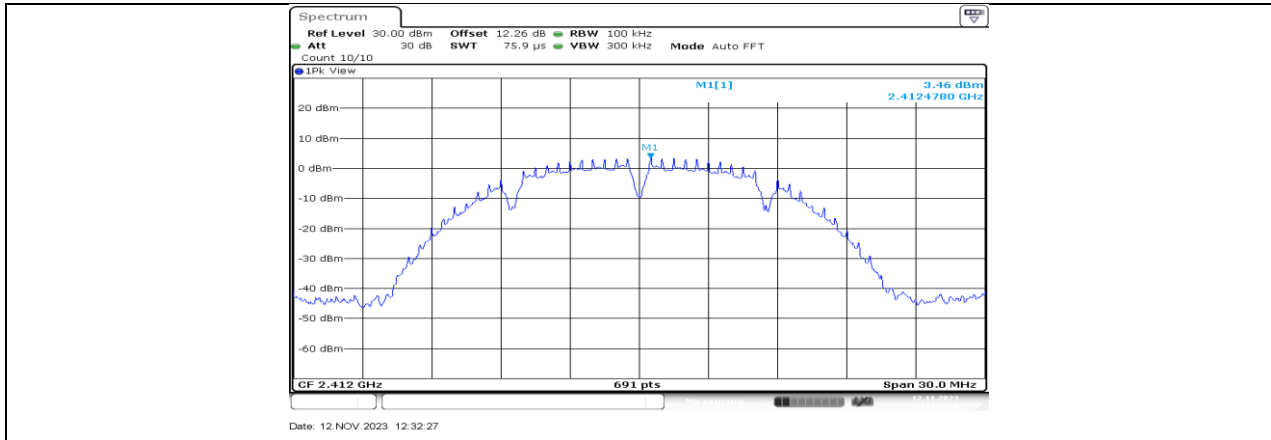
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict	
11B	Ant0	2412	Reference	3.71	---	PASS	
			30~1000	-54.11	≤-26.29	PASS	
			1000~26500	-53.73	≤-26.29	PASS	
	Ant1	2412	Reference	3.46	---	PASS	
			30~1000	-55.47	≤-26.54	PASS	
			1000~26500	-53.08	≤-26.54	PASS	
	Ant0	2437	Reference	4.12	---	PASS	
			30~1000	-54.82	≤-25.88	PASS	
			1000~26500	-53.1	≤-25.88	PASS	
	Ant1	2437	Reference	3.34	---	PASS	
			30~1000	-55.05	≤-26.66	PASS	
			1000~26500	-53.66	≤-26.66	PASS	
	Ant0	2462	Reference	3.88	---	PASS	
			30~1000	-54.8	≤-26.12	PASS	
			1000~26500	-54.21	≤-26.12	PASS	
	Ant1	2462	Reference	3.37	---	PASS	
			30~1000	-54.73	≤-26.63	PASS	
			1000~26500	-53.39	≤-26.63	PASS	
	11G	Ant0	2412	Reference	-0.79	---	PASS
				30~1000	-54.9	≤-30.79	PASS
				1000~26500	-54.16	≤-30.79	PASS
		Ant1	2412	Reference	1.67	---	PASS
				30~1000	-55.77	≤-28.33	PASS
				1000~26500	-53.28	≤-28.33	PASS
Ant0		2437	Reference	1.92	---	PASS	
			30~1000	-54.43	≤-28.08	PASS	
			1000~26500	-53.82	≤-28.08	PASS	
Ant1		2437	Reference	0.72	---	PASS	
			30~1000	-55.19	≤-29.28	PASS	
			1000~26500	-53.97	≤-29.28	PASS	
Ant0		2462	Reference	1.84	---	PASS	
			30~1000	-55.46	≤-28.16	PASS	
			1000~26500	-53.08	≤-28.16	PASS	
Ant1		2462	Reference	1.74	---	PASS	
			30~1000	-54.75	≤-28.26	PASS	
			1000~26500	-52.28	≤-28.26	PASS	
11N20MIMO		Ant0	2412	Reference	-0.80	---	PASS
				30~1000	-55.43	≤-30.8	PASS
				1000~26500	-53.87	≤-30.8	PASS
		Ant1	2412	Reference	2.09	---	PASS
				30~1000	-55.34	≤-27.91	PASS
				1000~26500	-53.48	≤-27.91	PASS
	Ant0	2437	Reference	1.49	---	PASS	
			30~1000	-55.25	≤-28.51	PASS	
			1000~26500	-53.42	≤-28.51	PASS	
	Ant1	2437	Reference	1.93	---	PASS	
			30~1000	-55.85	≤-28.07	PASS	
			1000~26500	-52.65	≤-28.07	PASS	
	Ant0	2462	Reference	1.49	---	PASS	
			30~1000	-55.57	≤-28.51	PASS	
			1000~26500	-53.76	≤-28.51	PASS	
	Ant1	2462	Reference	0.15	---	PASS	
			30~1000	-55.67	≤-29.85	PASS	
			1000~26500	-53.54	≤-29.85	PASS	
	11N40MIMO	Ant0	2422	Reference	-1.33	---	PASS
				30~1000	-55.59	≤-31.33	PASS
				1000~26500	-53.45	≤-31.33	PASS
		Ant1	2422	Reference	-0.38	---	PASS

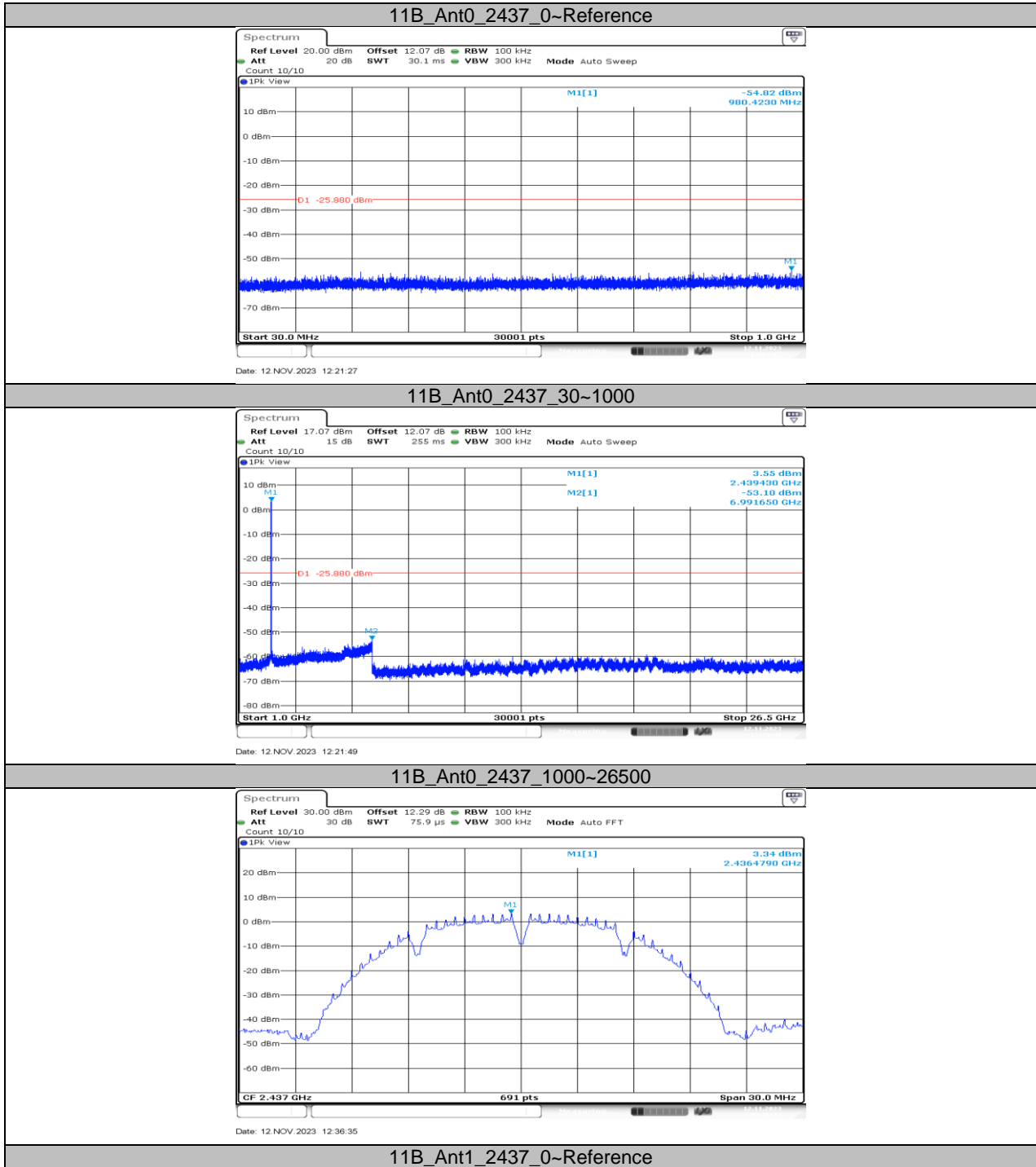
			30~1000	-55.1	$\leq -30.38$	PASS	
			1000~26500	-53.33	$\leq -30.38$	PASS	
	Ant0	2437	Reference	-0.87	---	PASS	
			30~1000	-55.29	$\leq -30.87$	PASS	
				1000~26500	-53.71	$\leq -30.87$	PASS
				Reference	-0.13	---	PASS
	Ant1	2437	30~1000	-54.92	$\leq -30.13$	PASS	
			1000~26500	-52.88	$\leq -30.13$	PASS	
				Reference	-0.85	---	PASS
				30~1000	-55.15	$\leq -30.85$	PASS
	Ant0	2452	1000~26500	-53.61	$\leq -30.85$	PASS	
			Reference	0.03	---	PASS	
			30~1000	-55.88	$\leq -29.97$	PASS	
			1000~26500	-53.49	$\leq -29.97$	PASS	

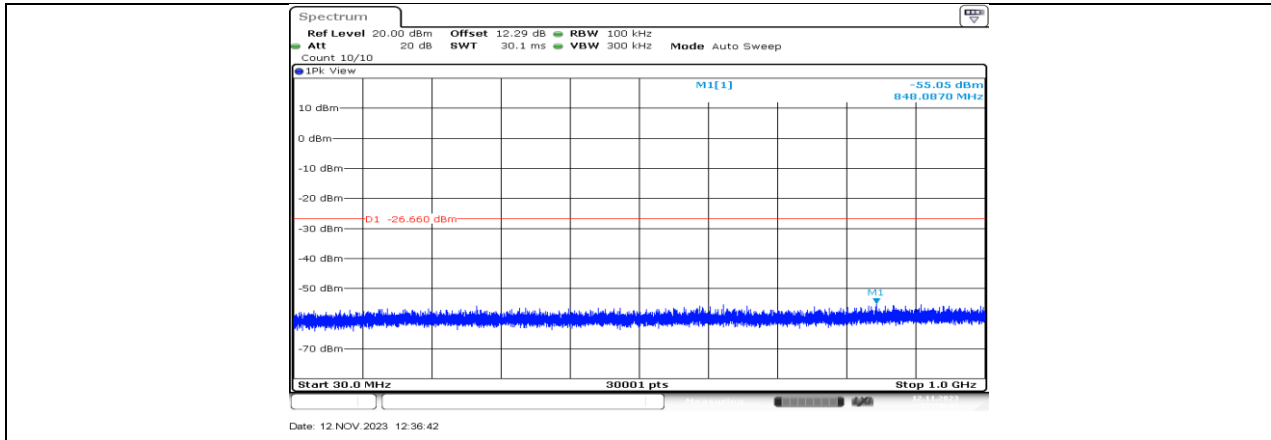
### 11.6.2. Test Graphs



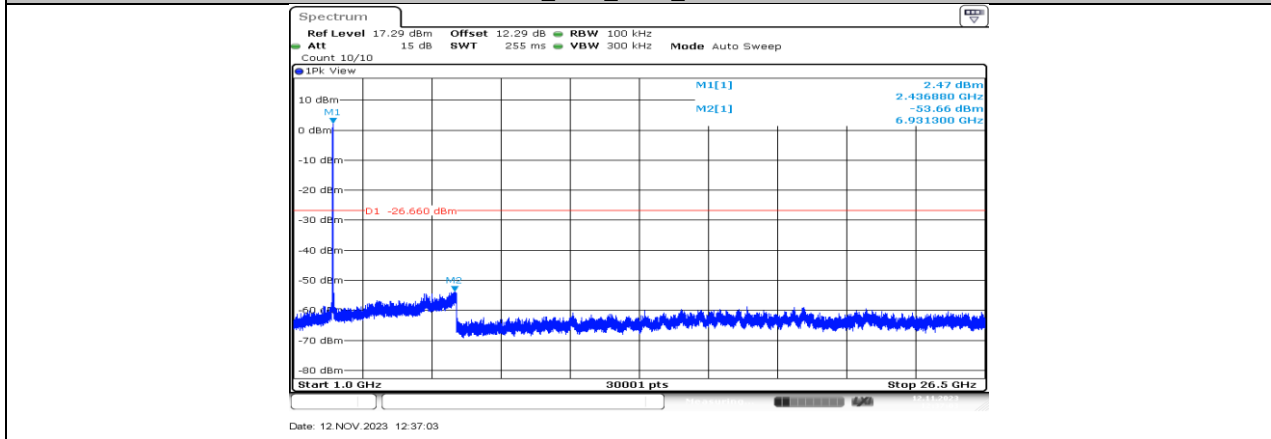




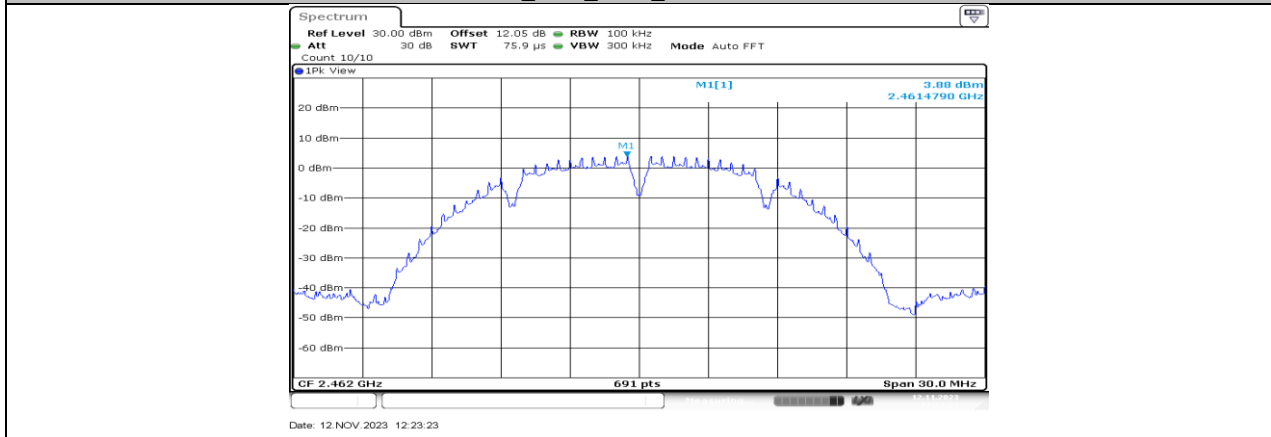




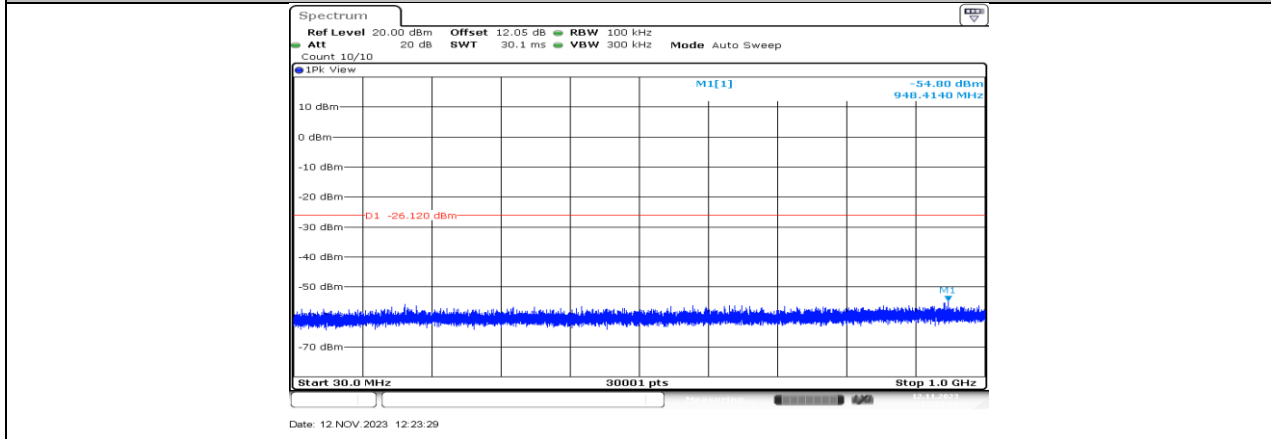
11B\_Ant1\_2437\_30~1000

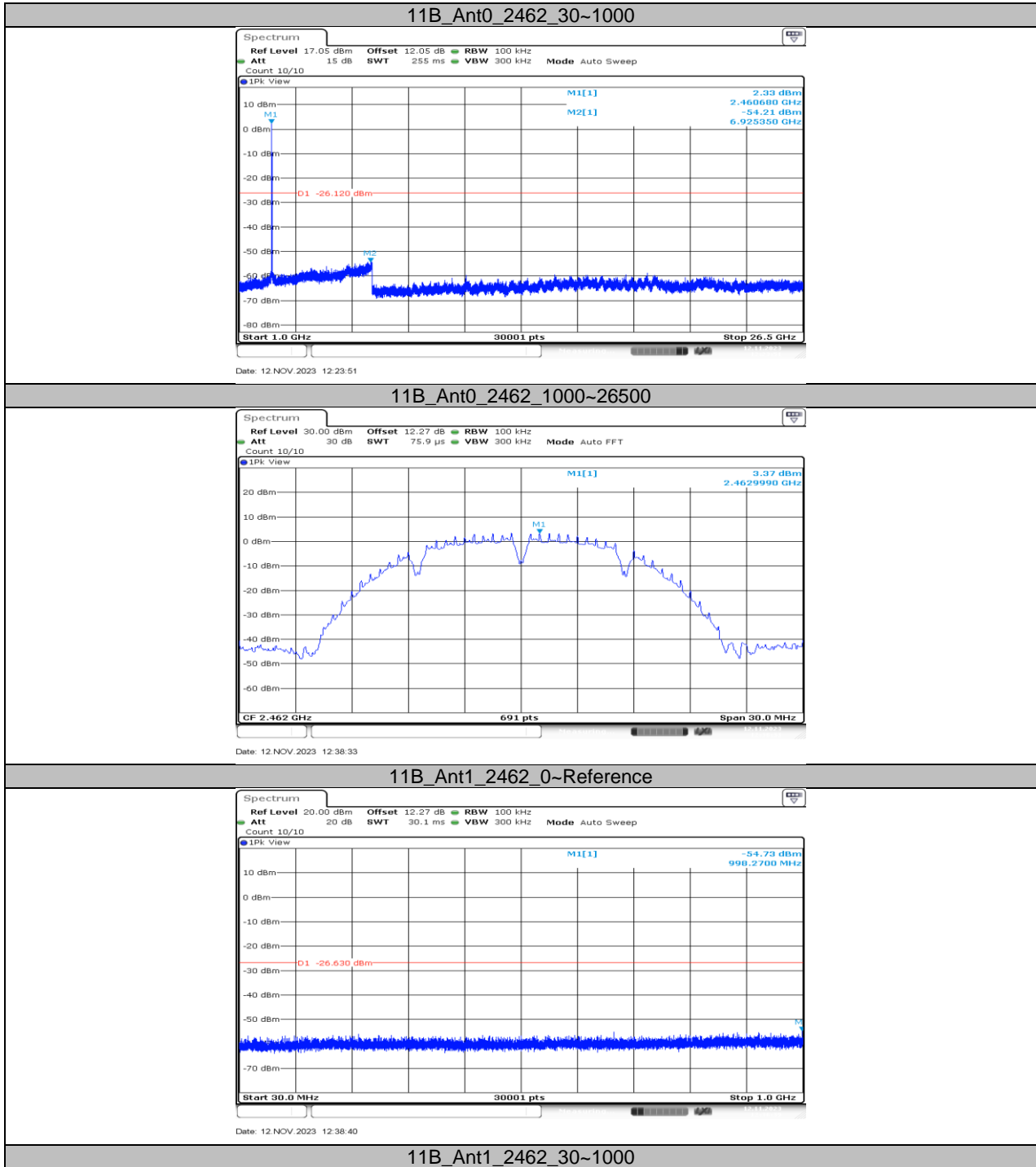


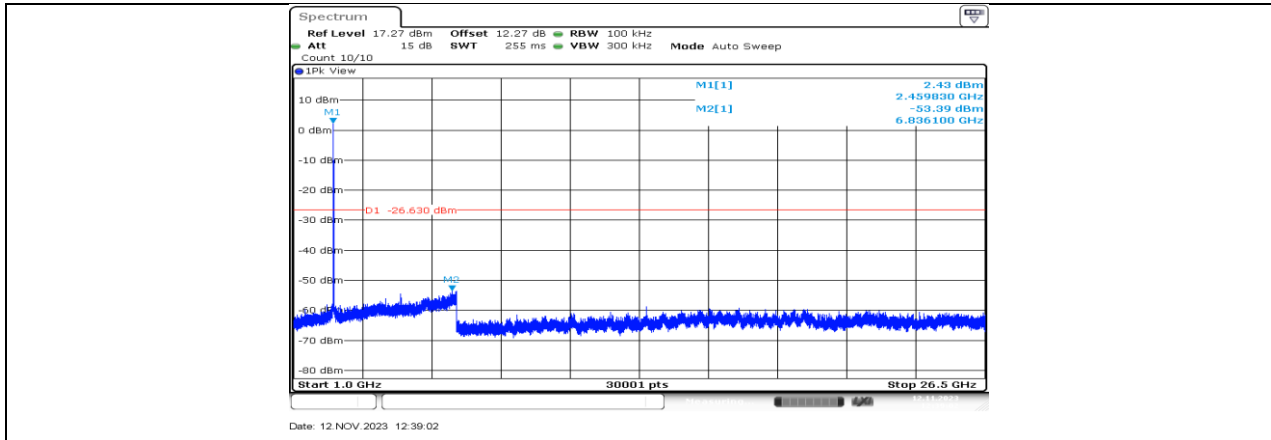
11B\_Ant1\_2437\_1000~26500



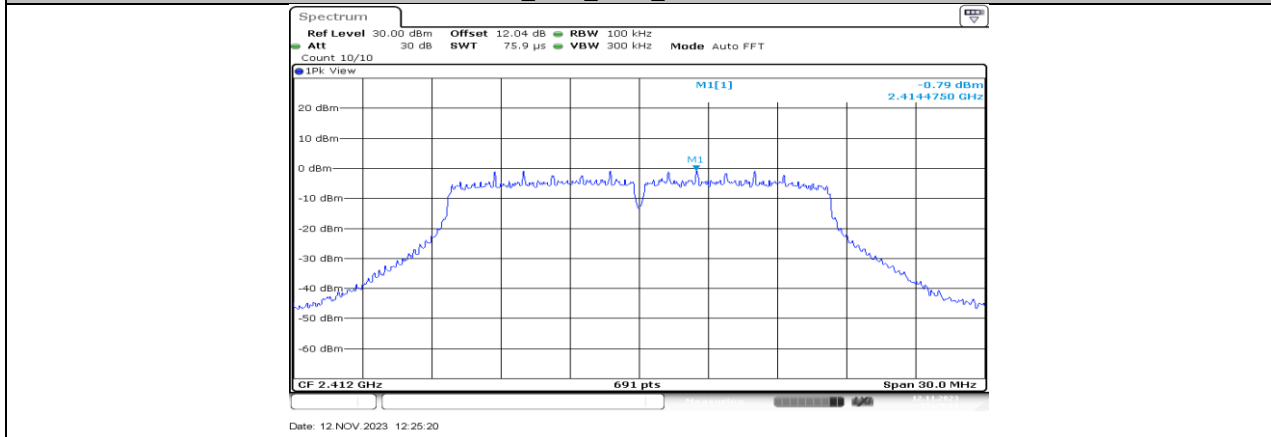
11B\_Ant0\_2462\_0~Reference



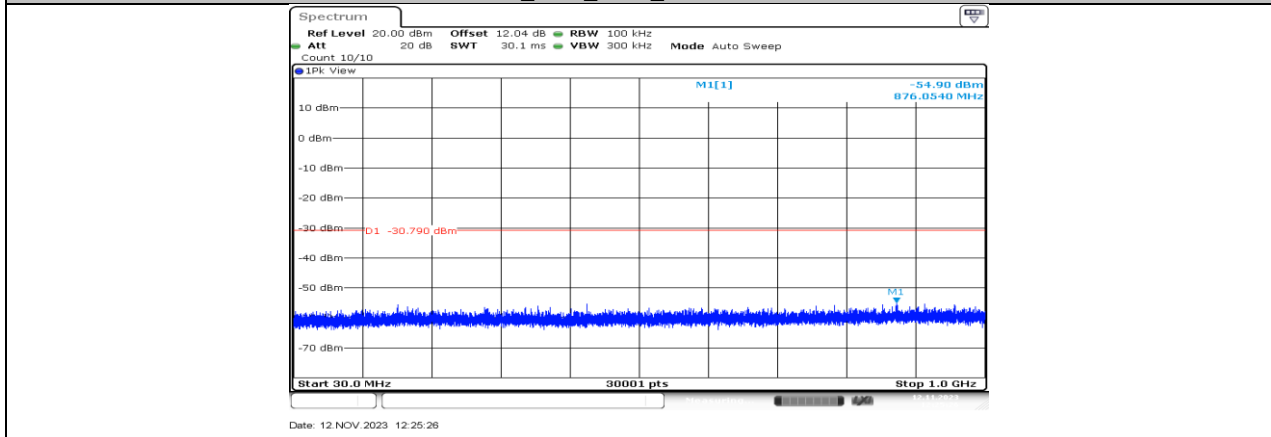




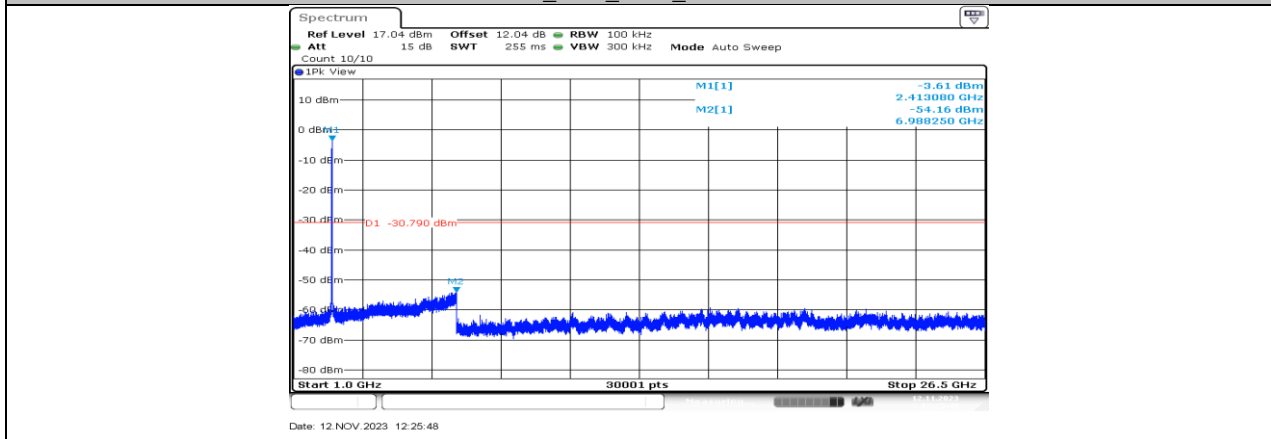
11B\_Ant1\_2462\_1000~26500

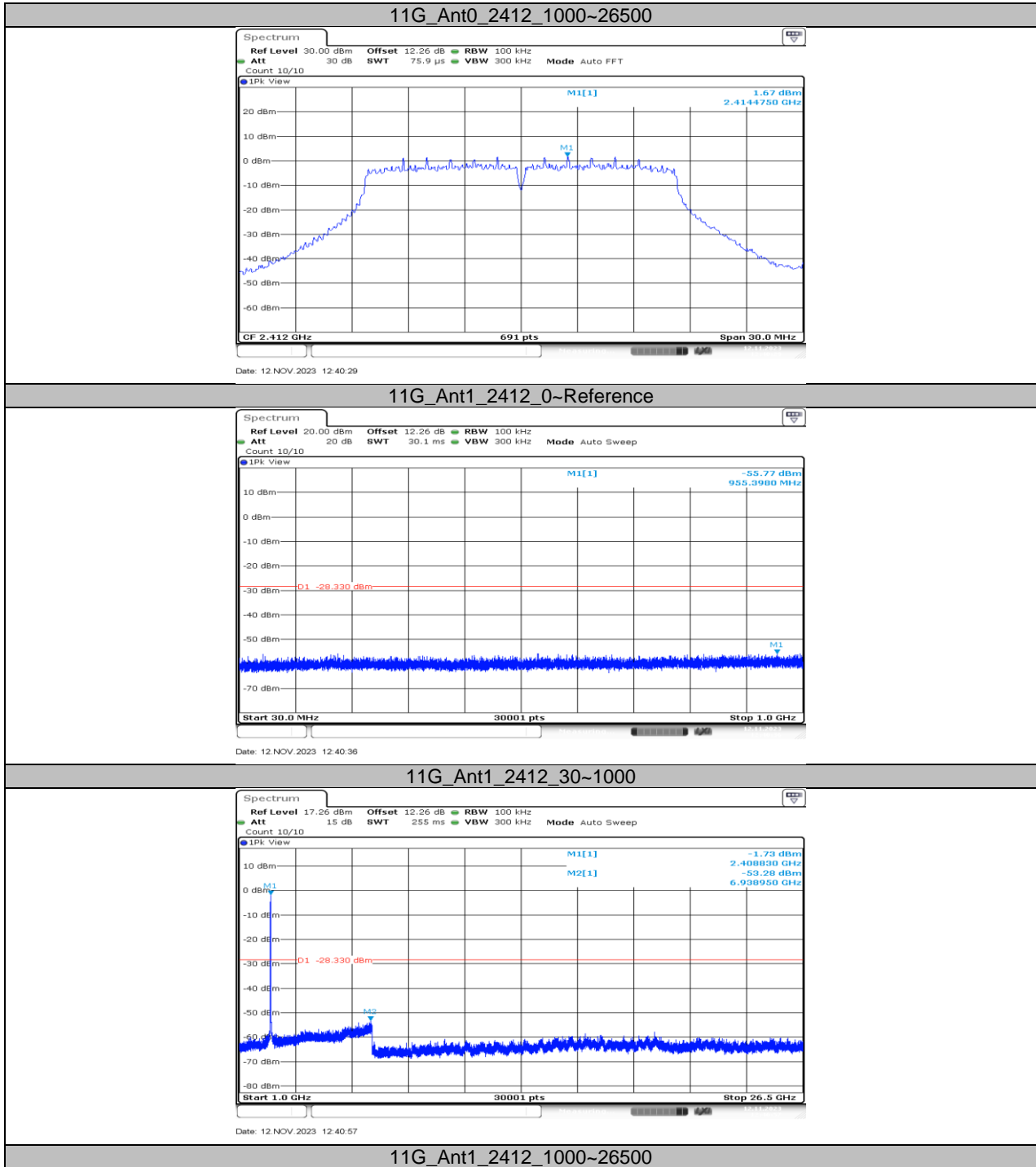


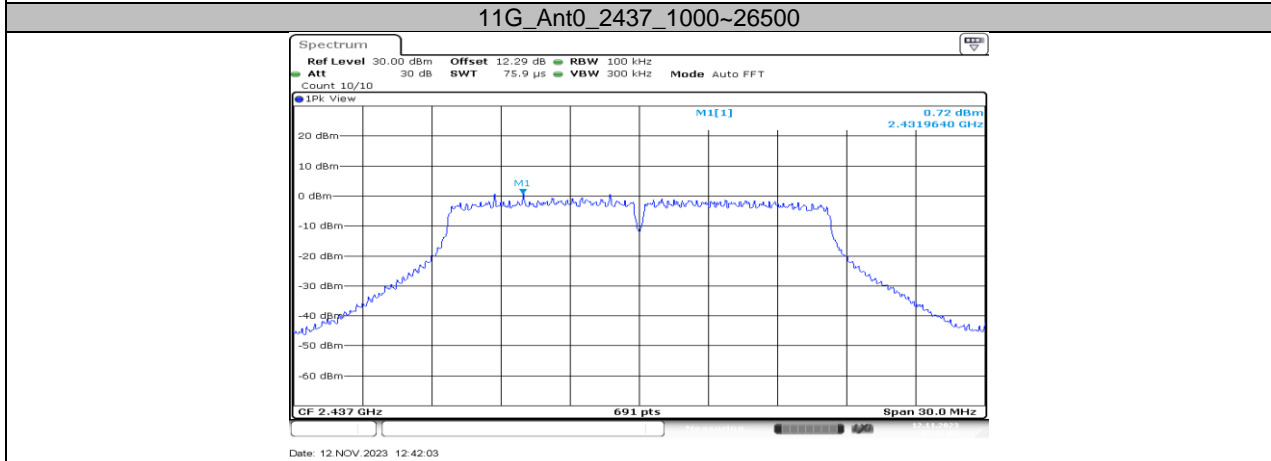
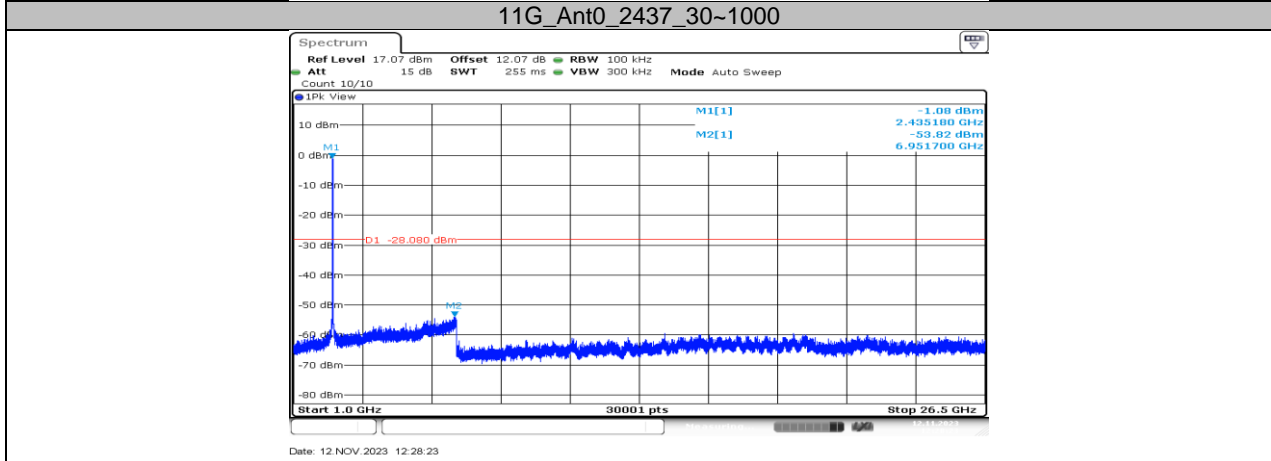
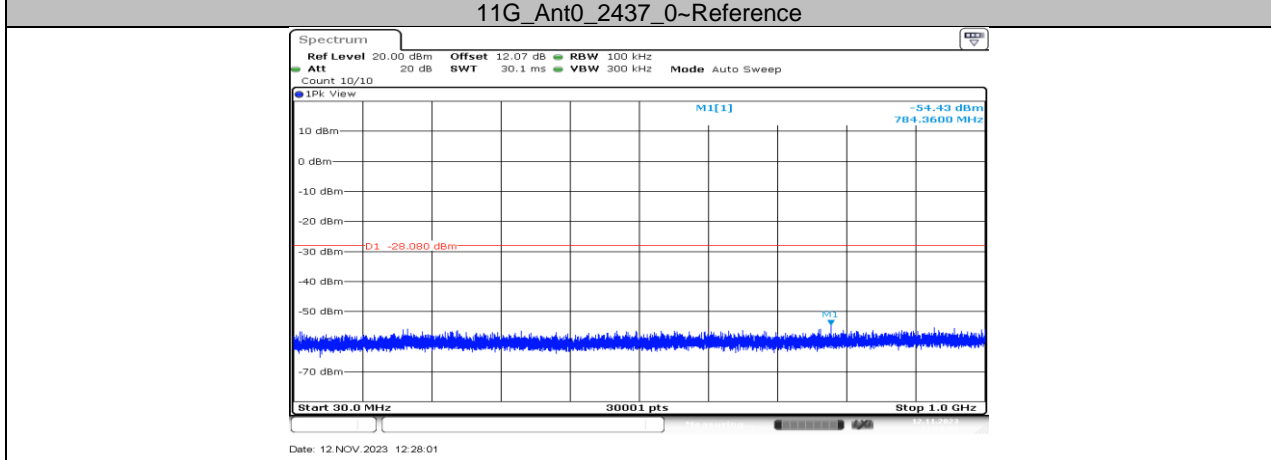
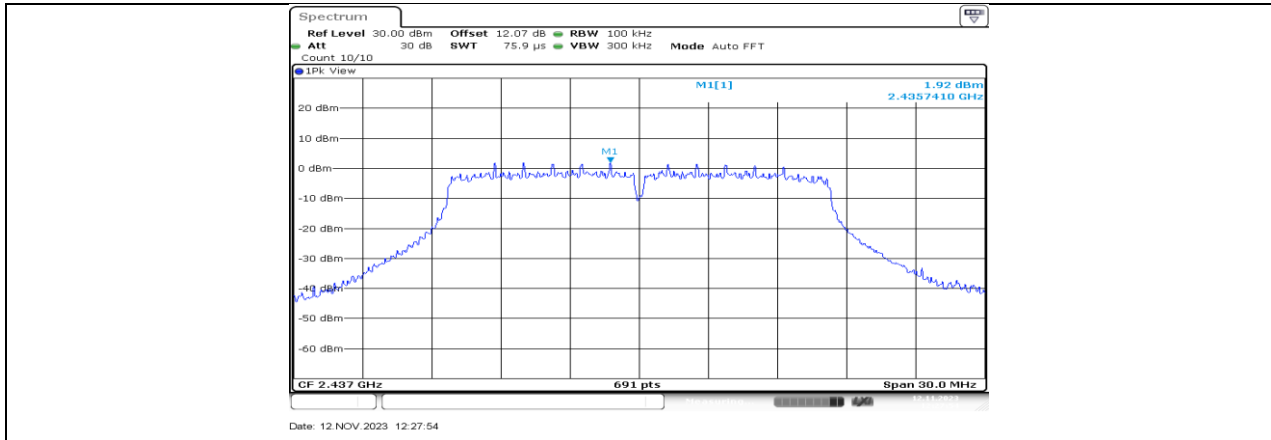
11G\_Ant0\_2412\_0~Reference

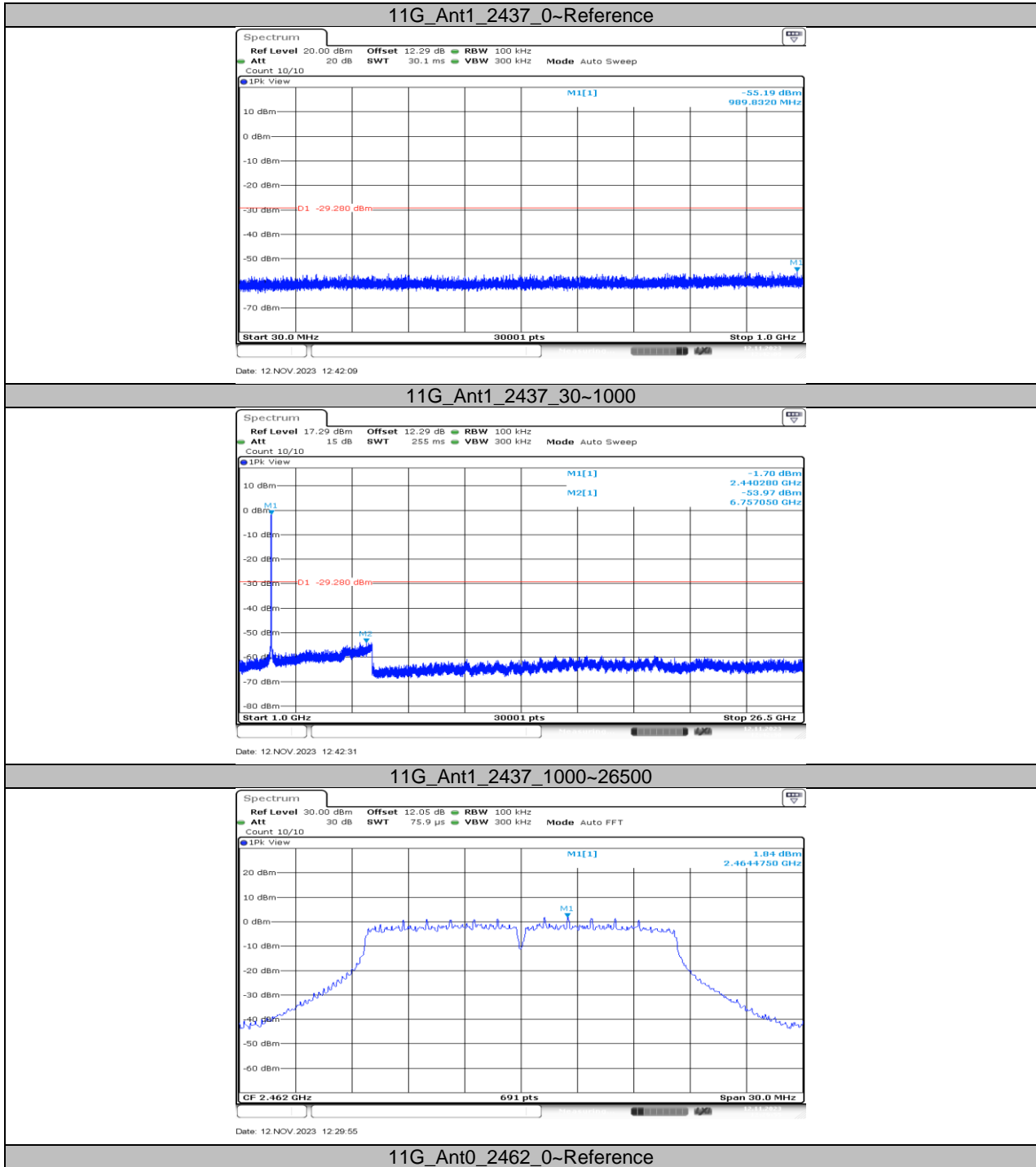


11G\_Ant0\_2412\_30~1000

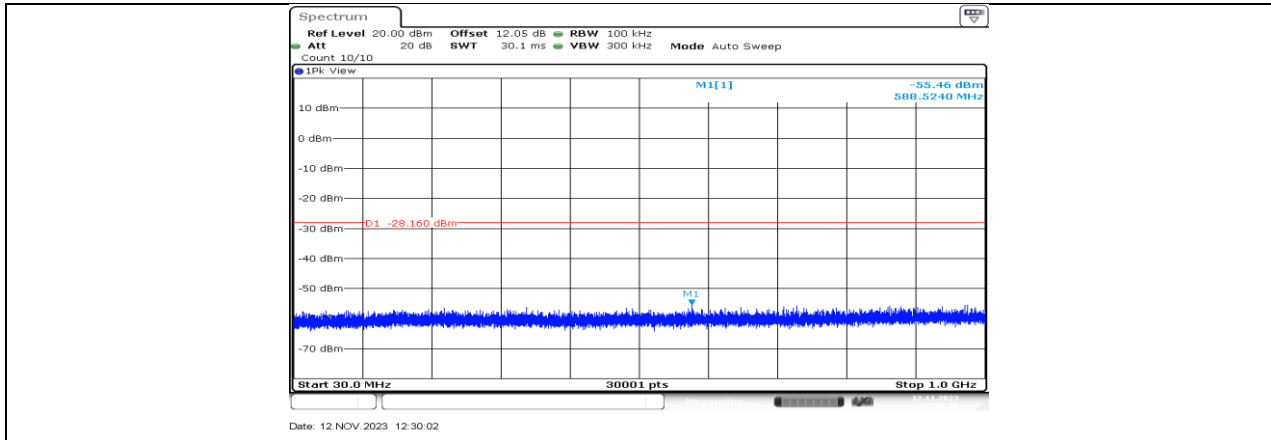




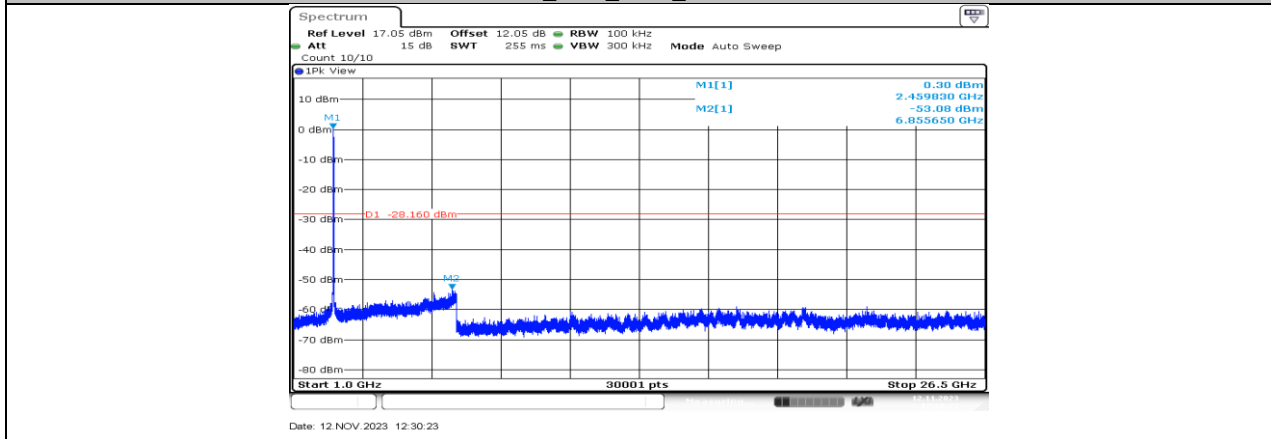




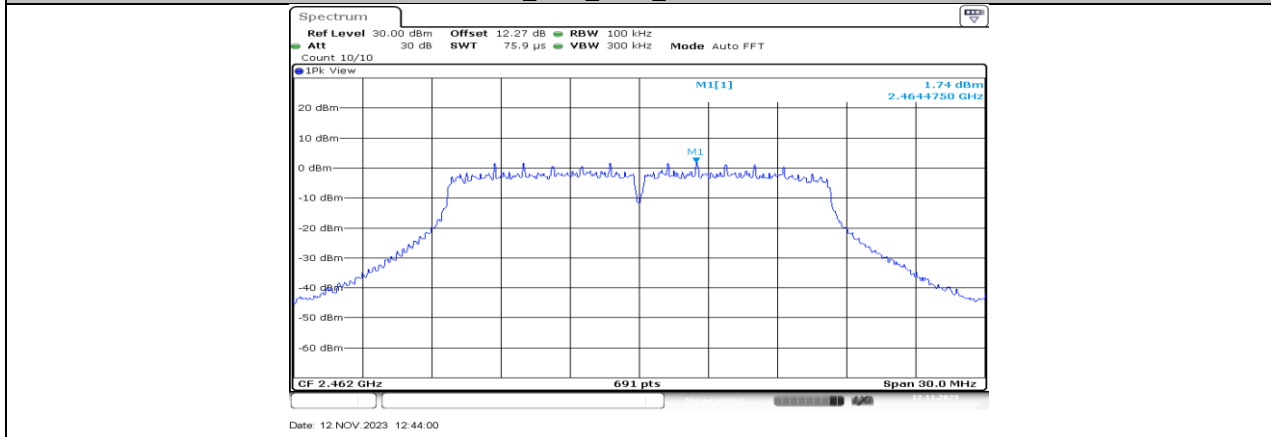




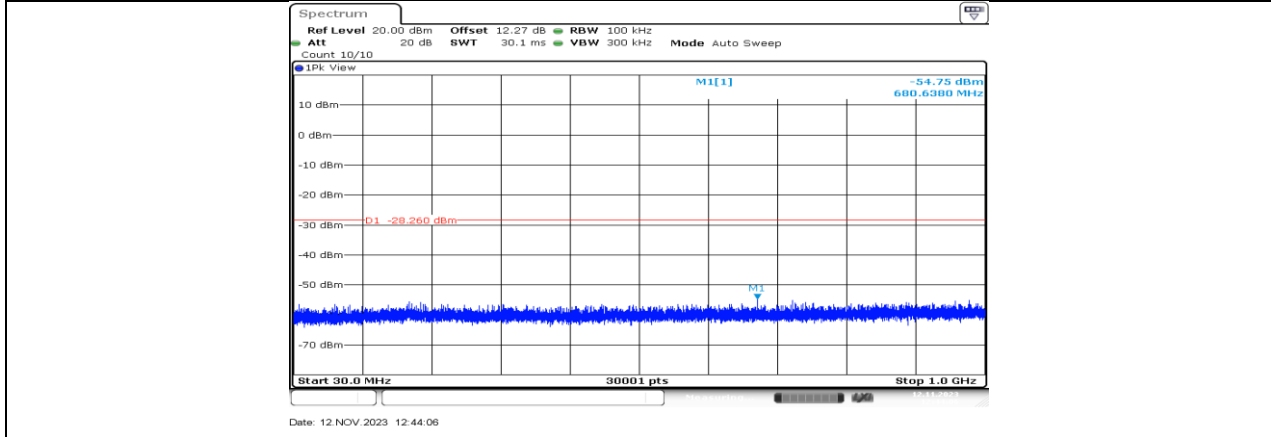
11G\_Ant0\_2462\_30~1000

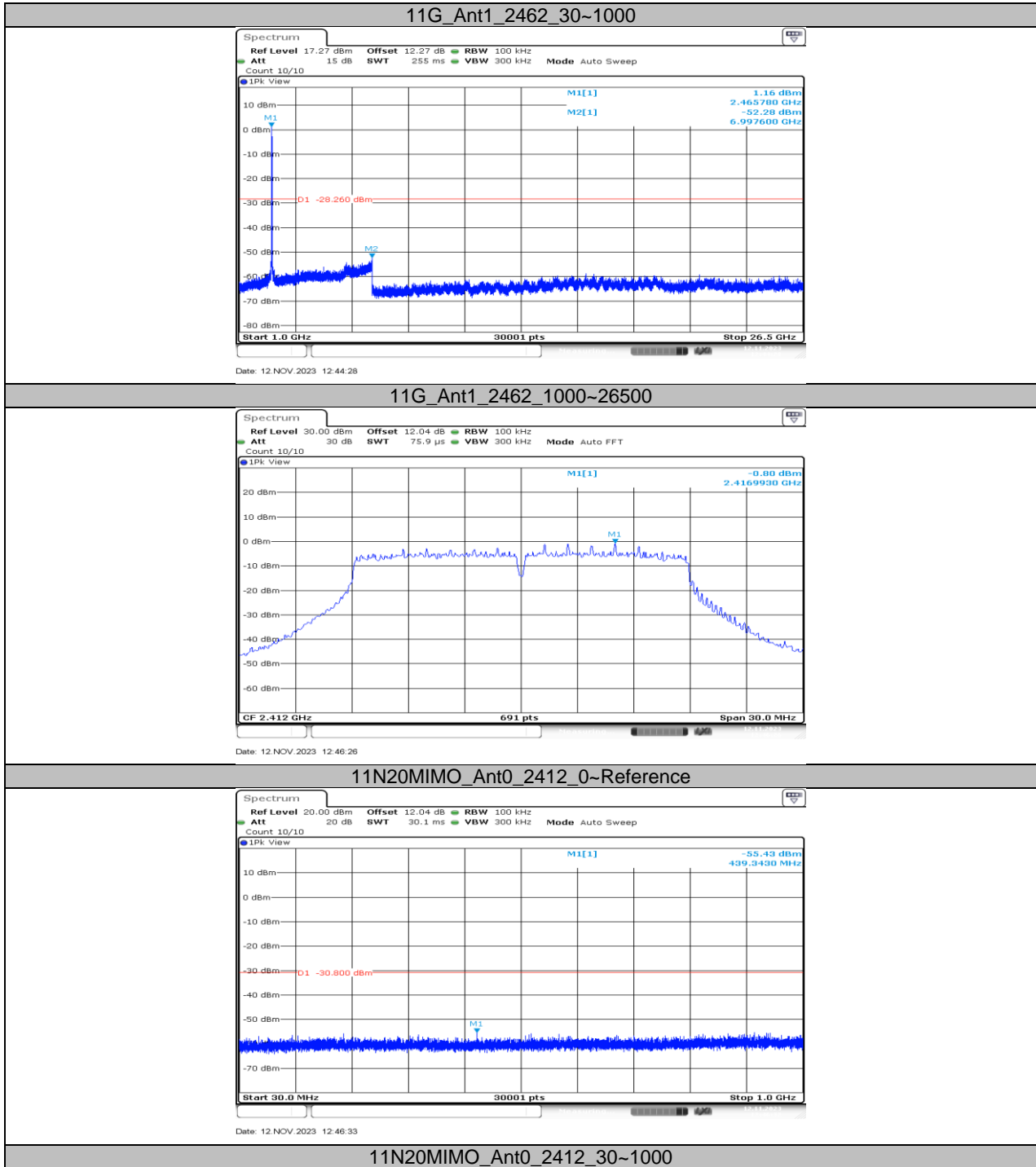


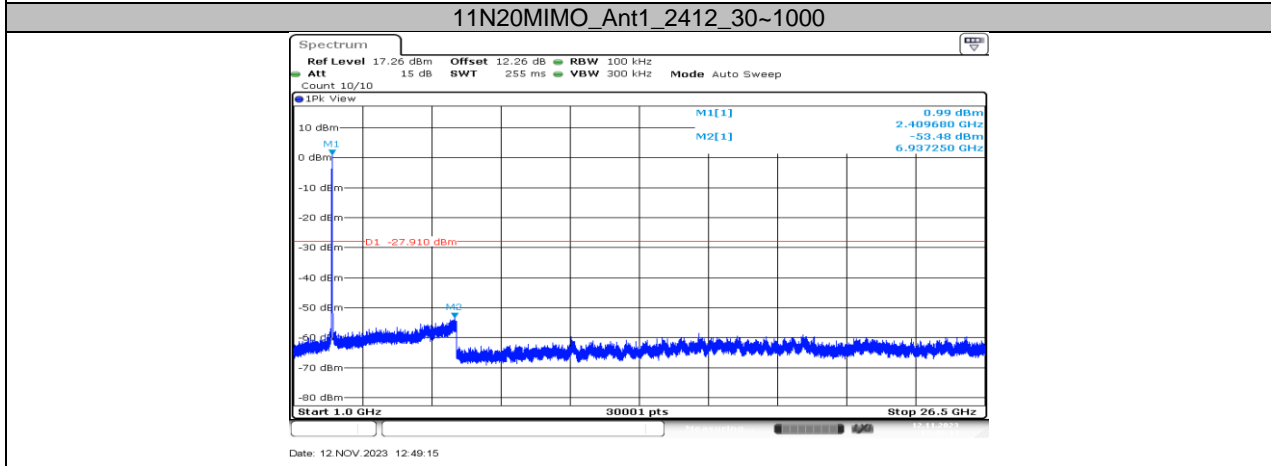
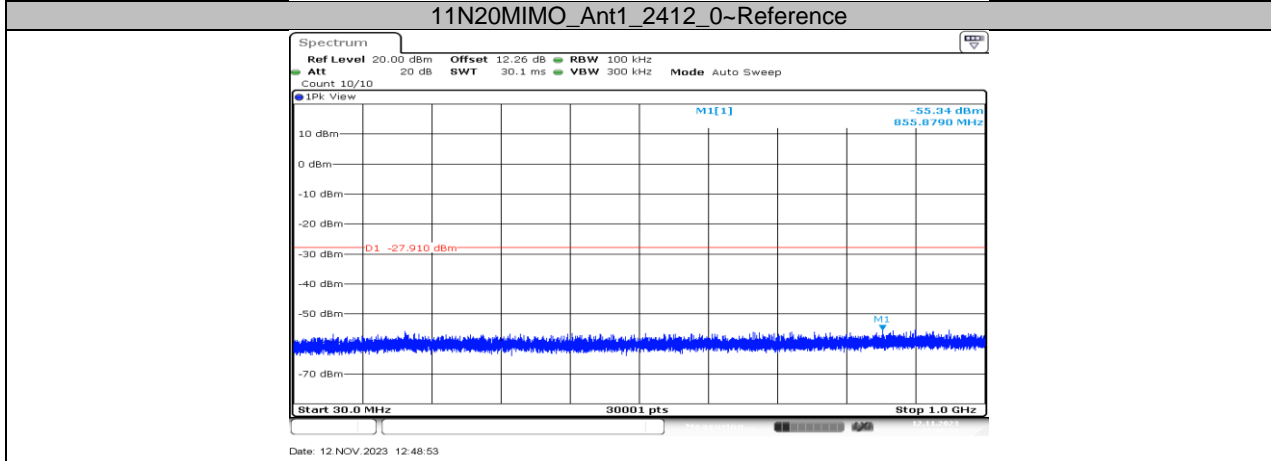
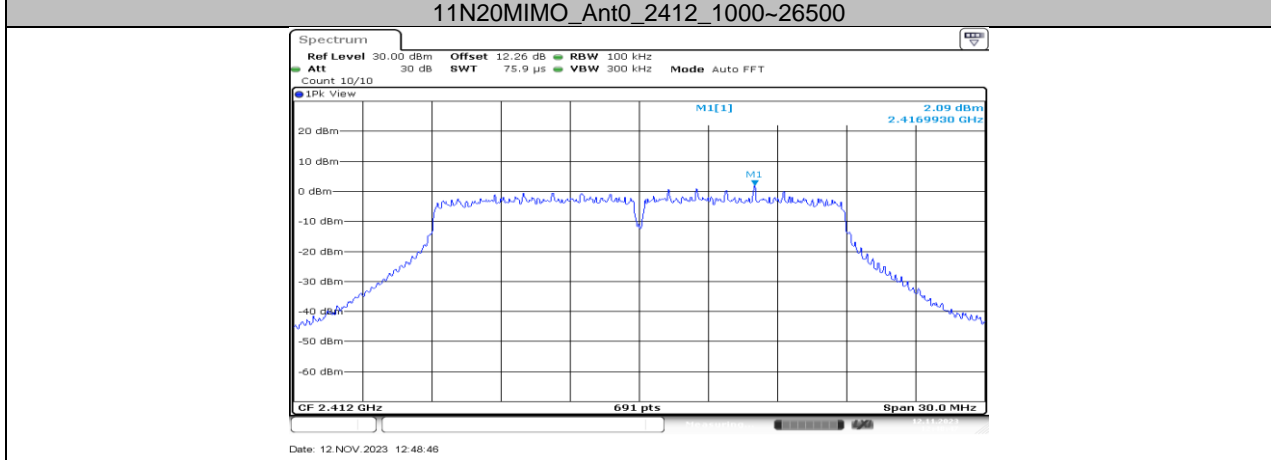
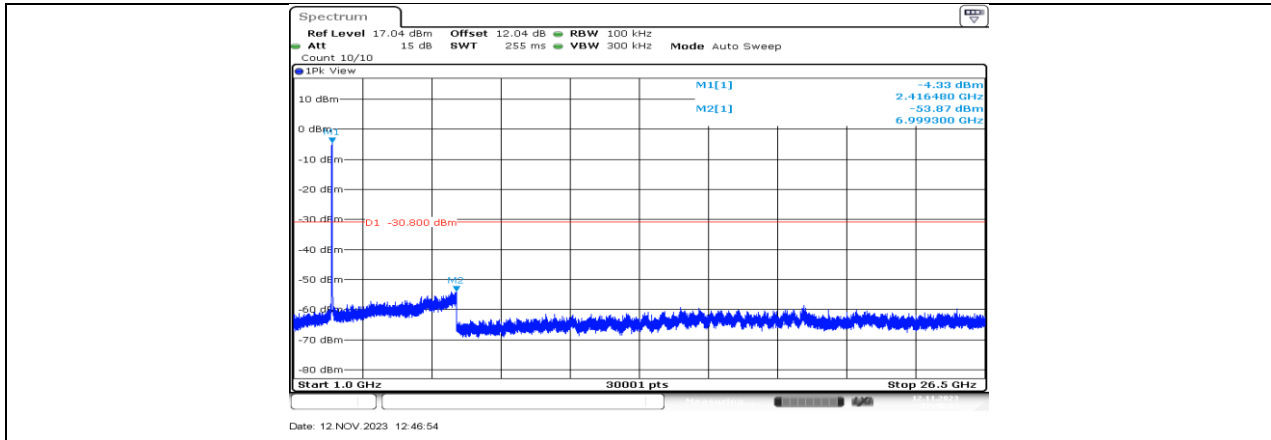
11G\_Ant0\_2462\_1000~26500

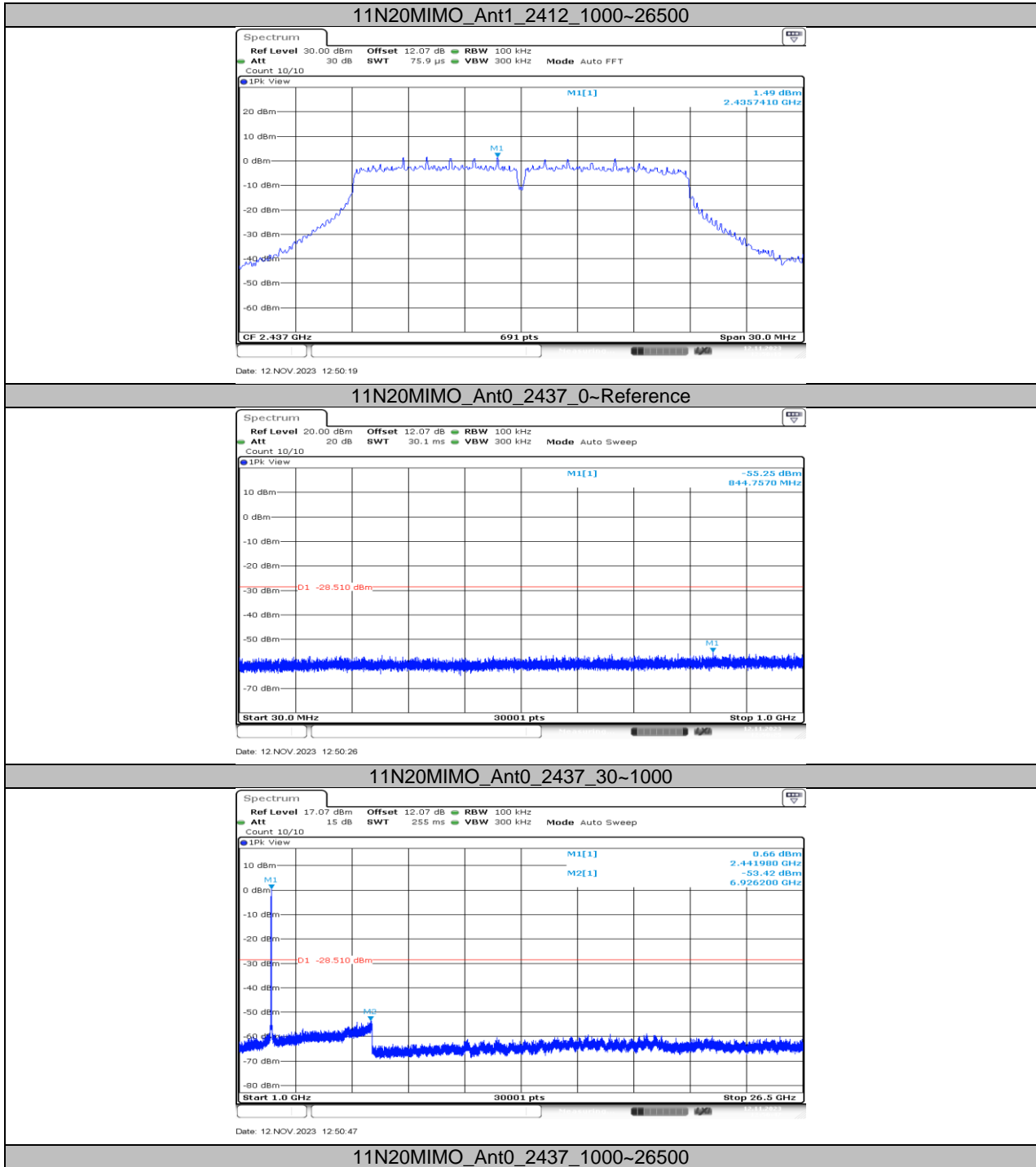


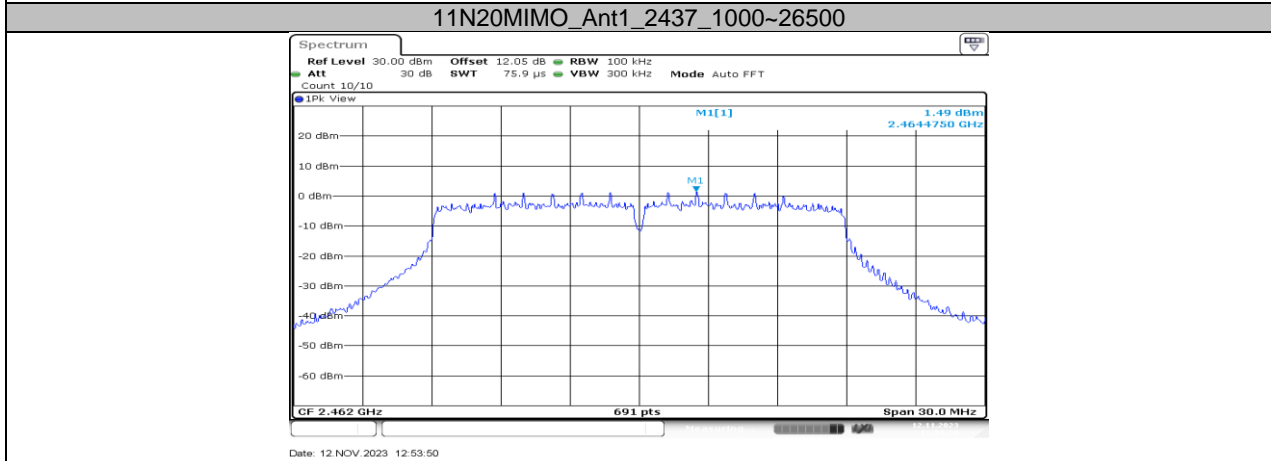
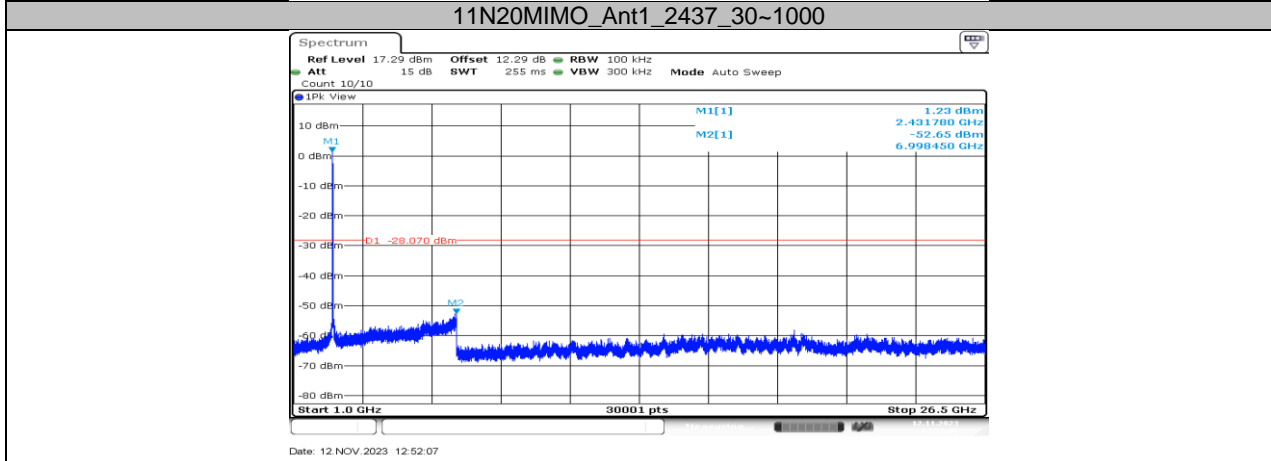
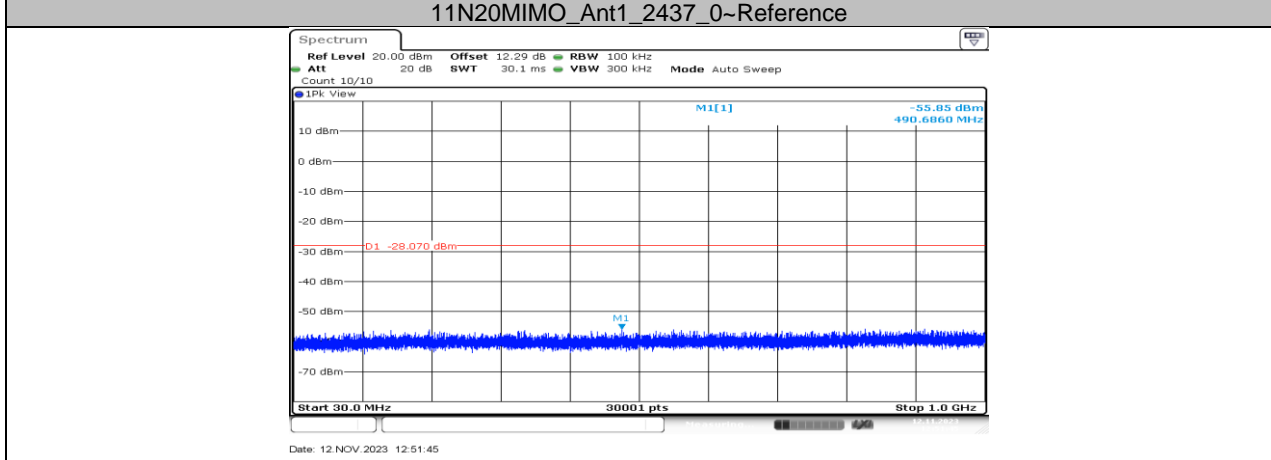
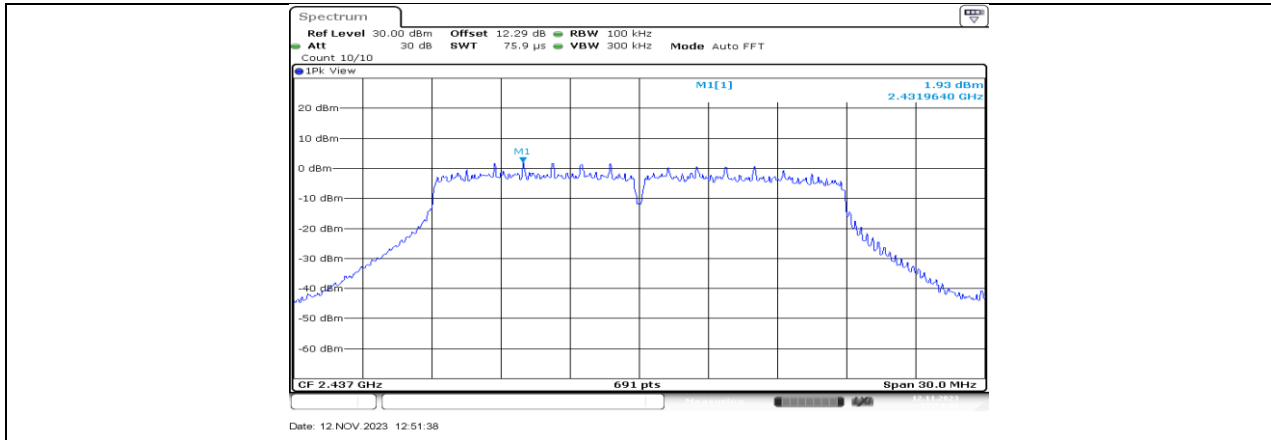
11G\_Ant1\_2462\_0~Reference

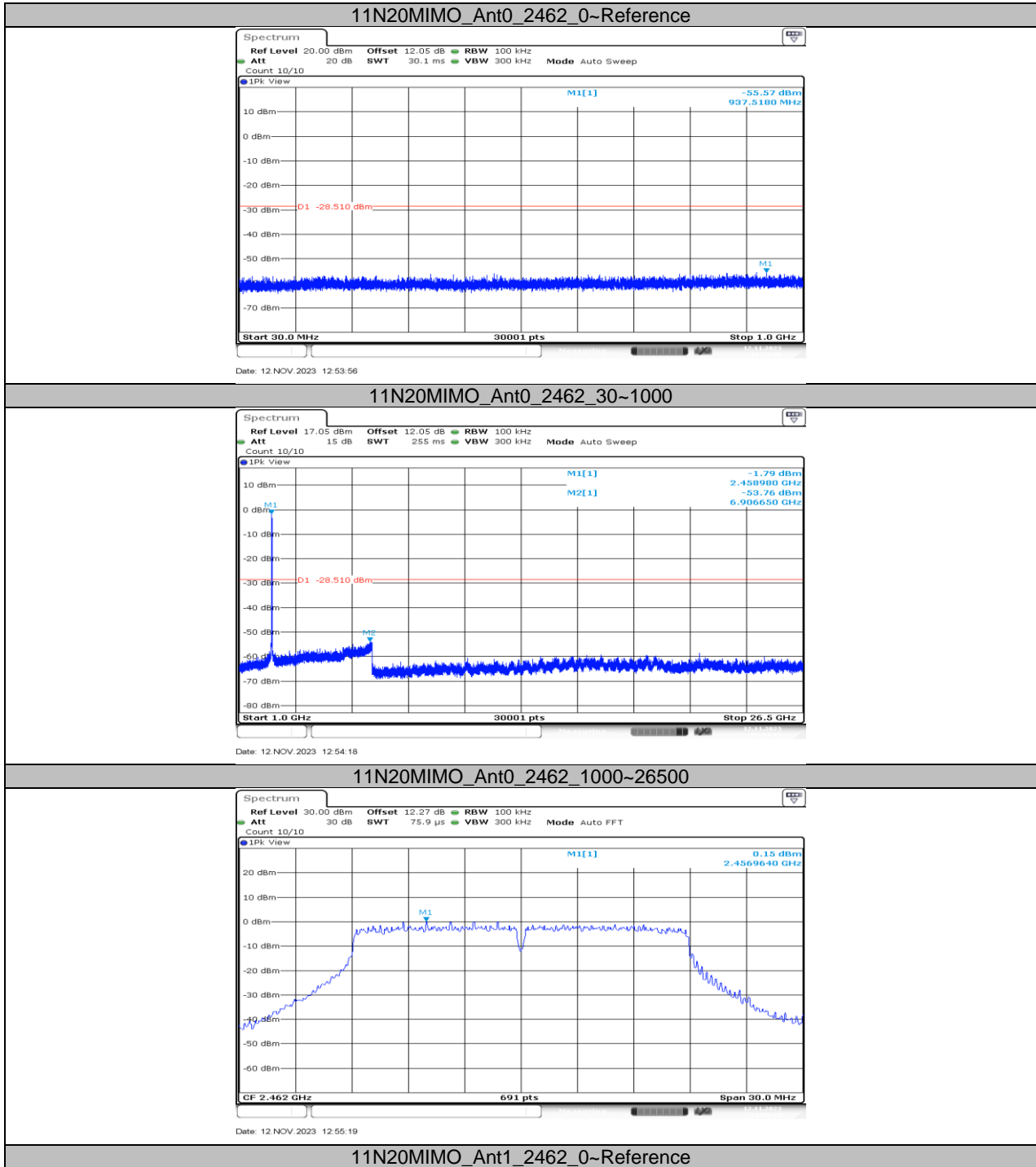


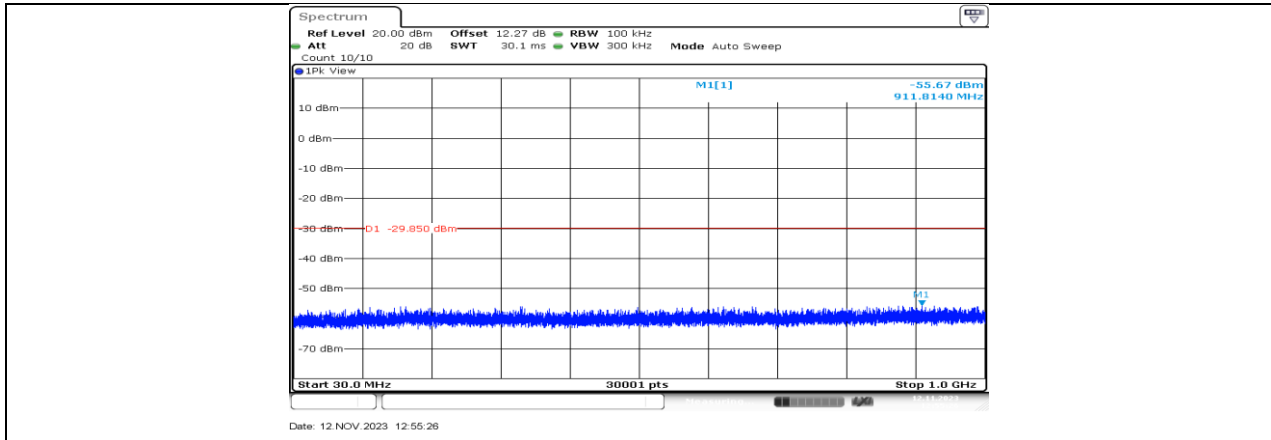




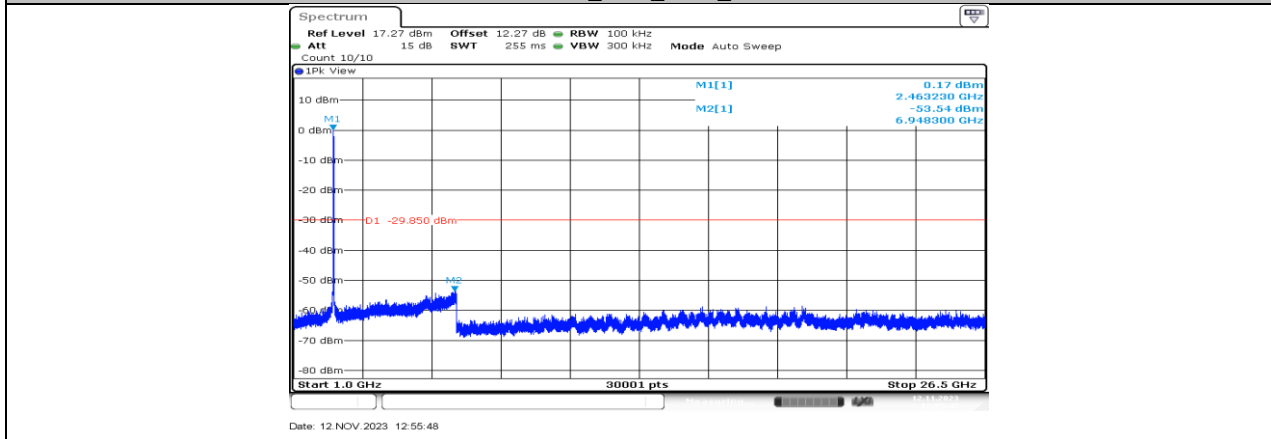




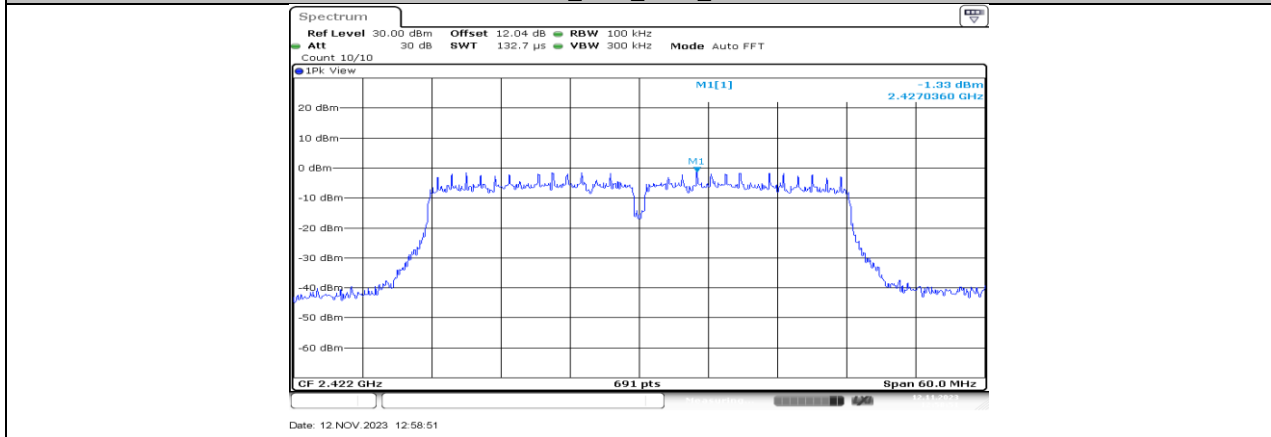




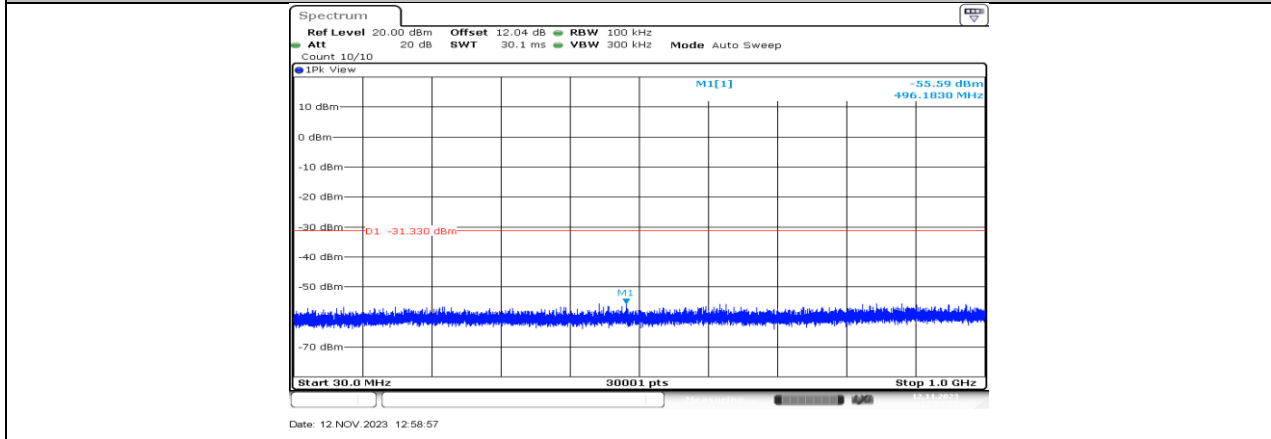
11N20MIMO\_Ant1\_2462\_30~1000

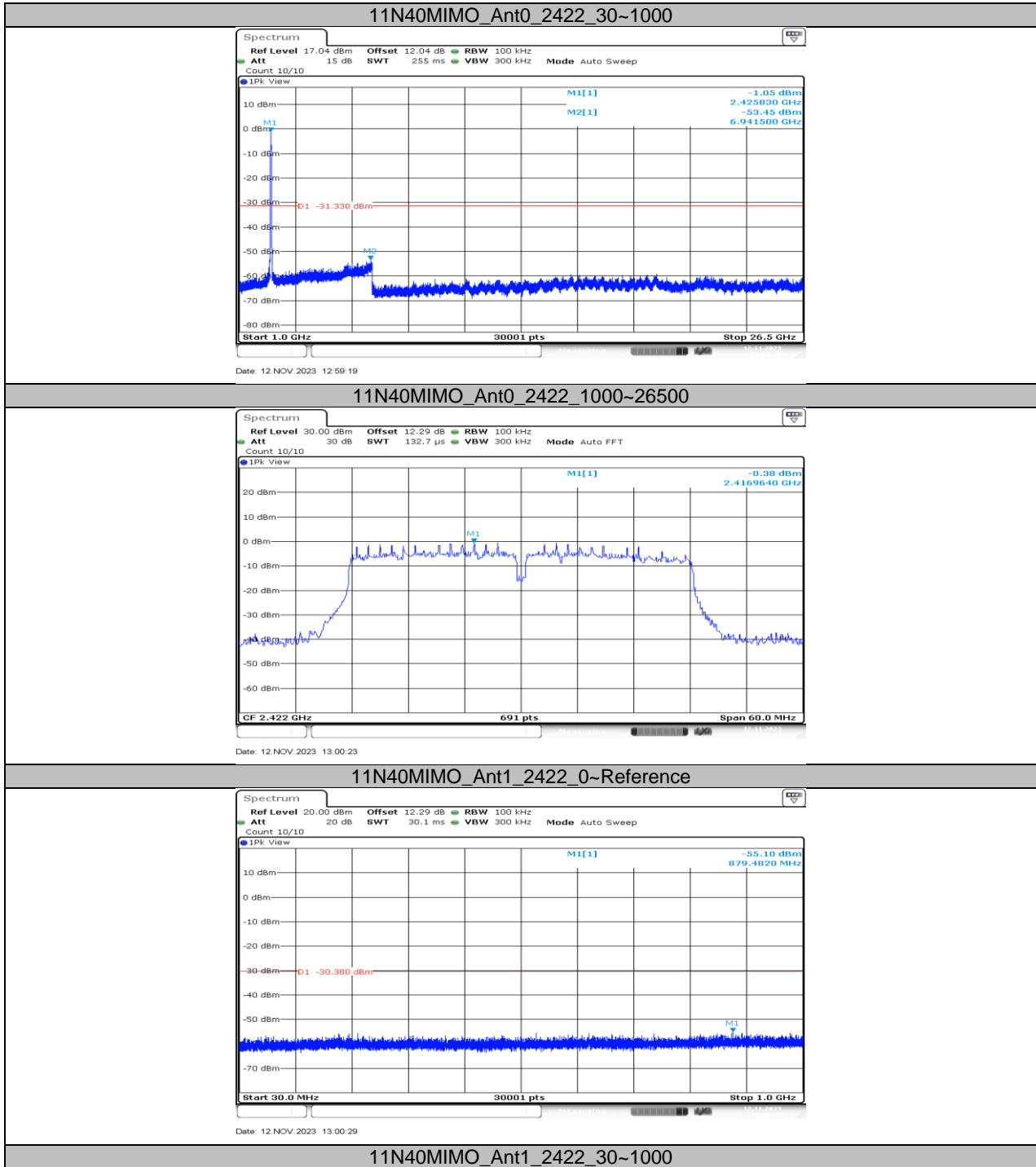


11N20MIMO\_Ant1\_2462\_1000~26500

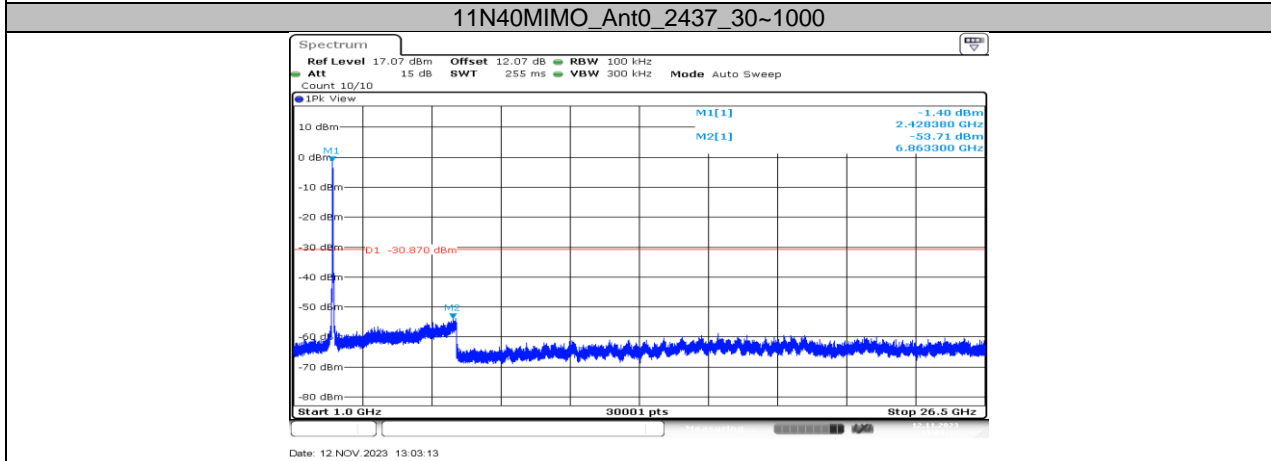
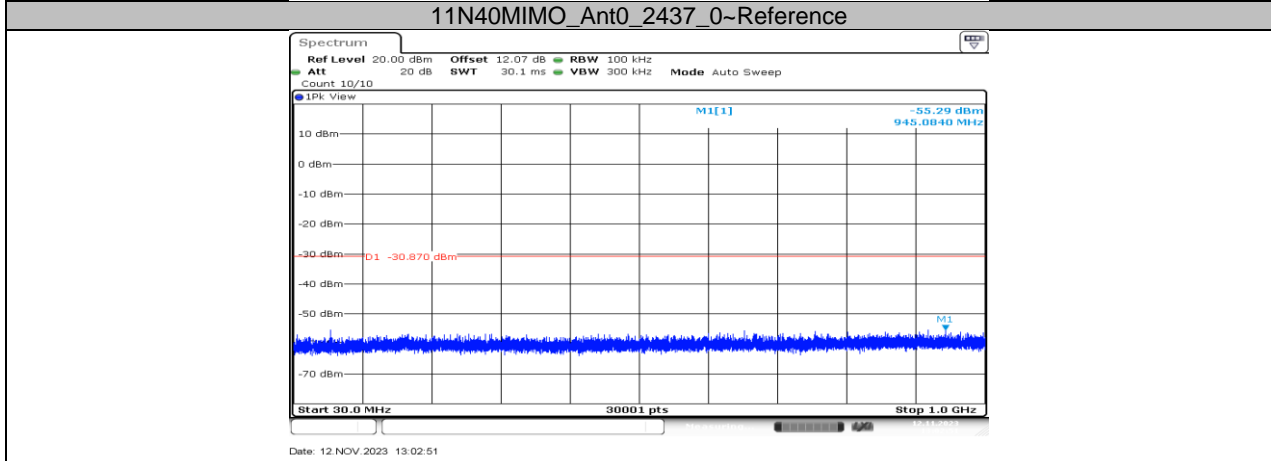
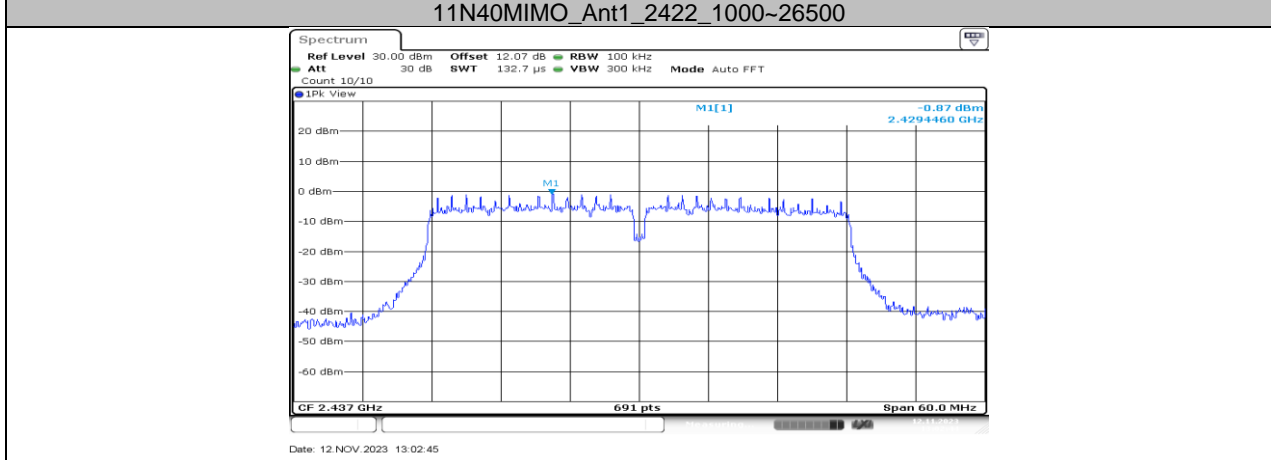
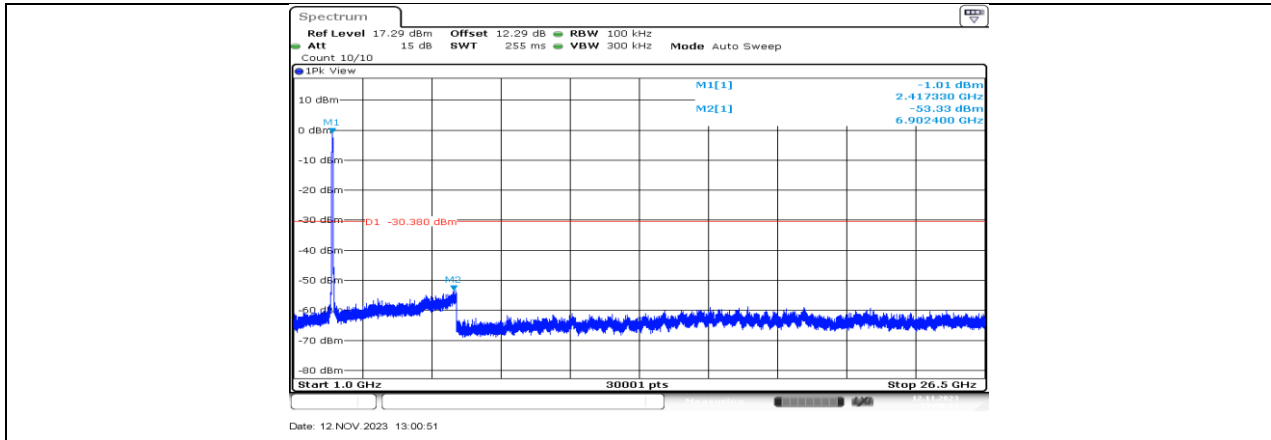


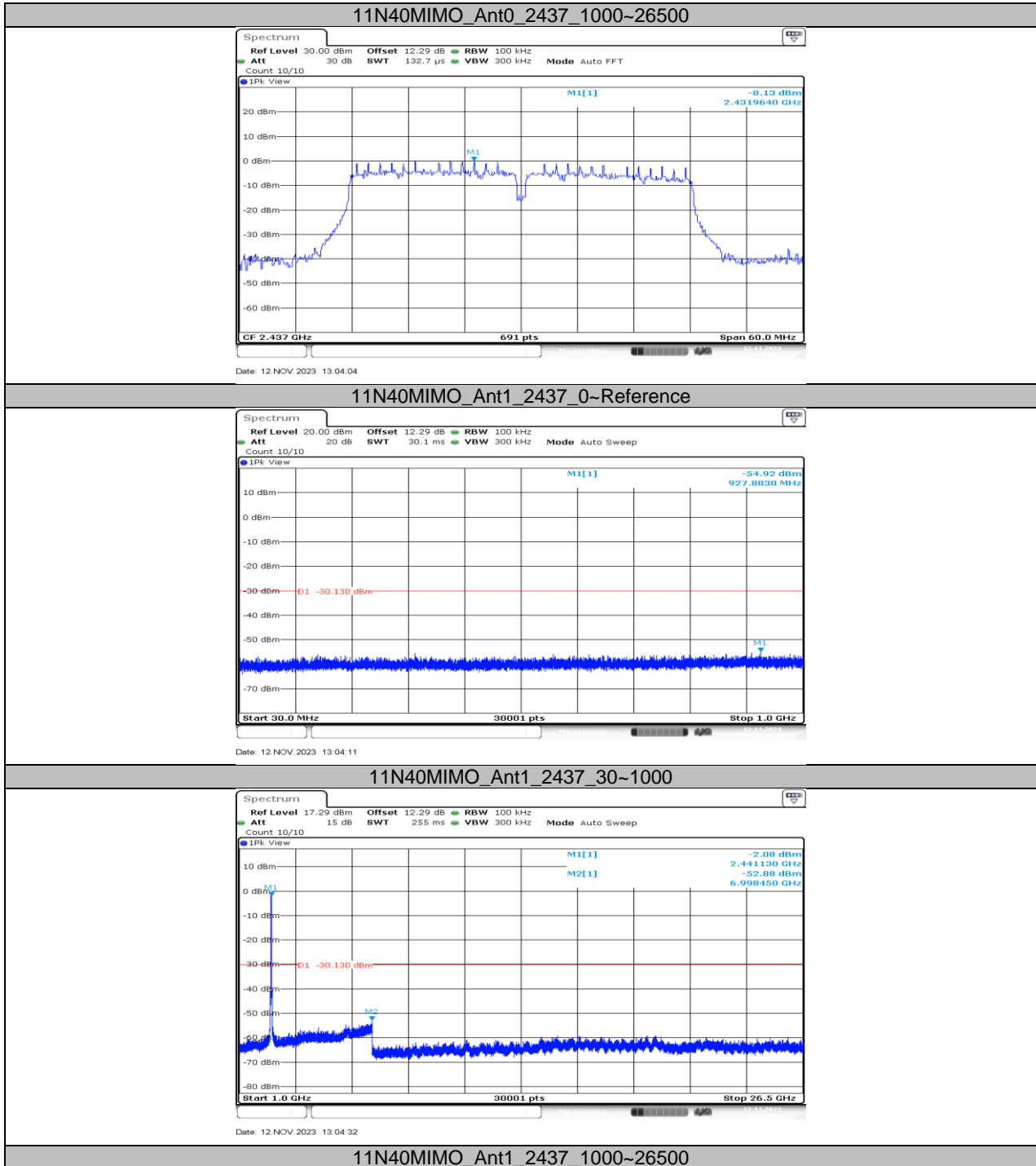
11N40MIMO\_Ant0\_2422\_0~Reference

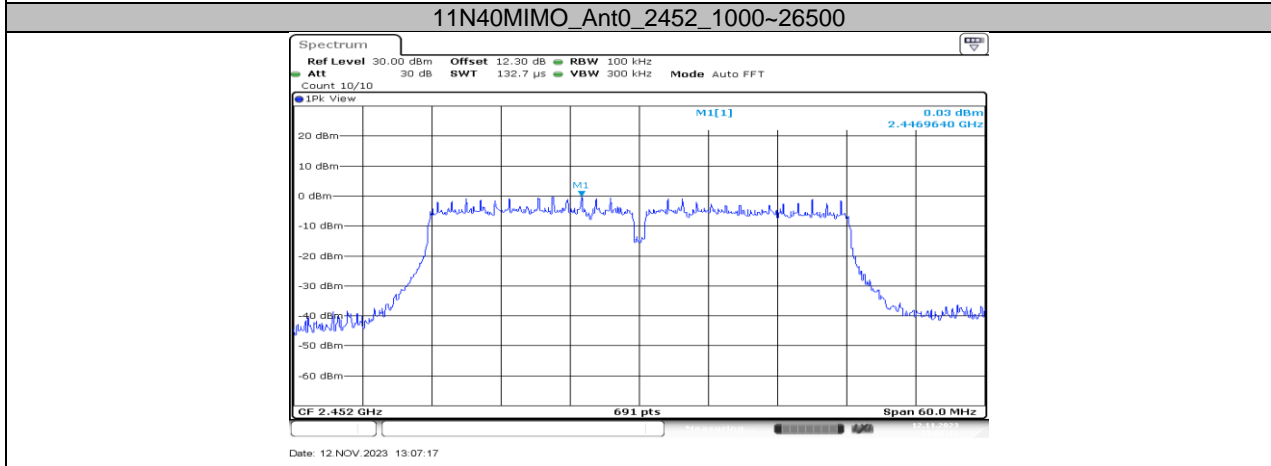
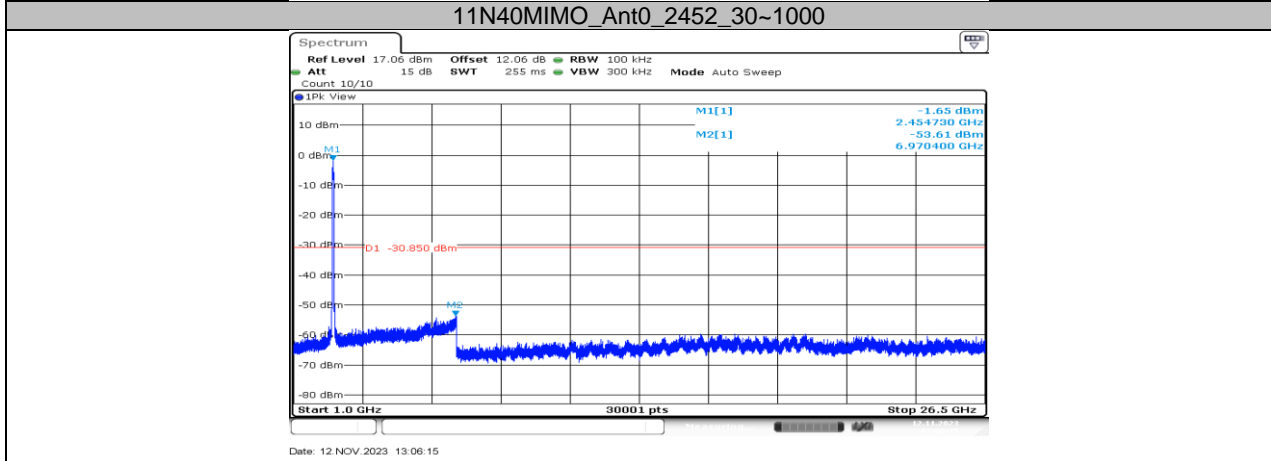
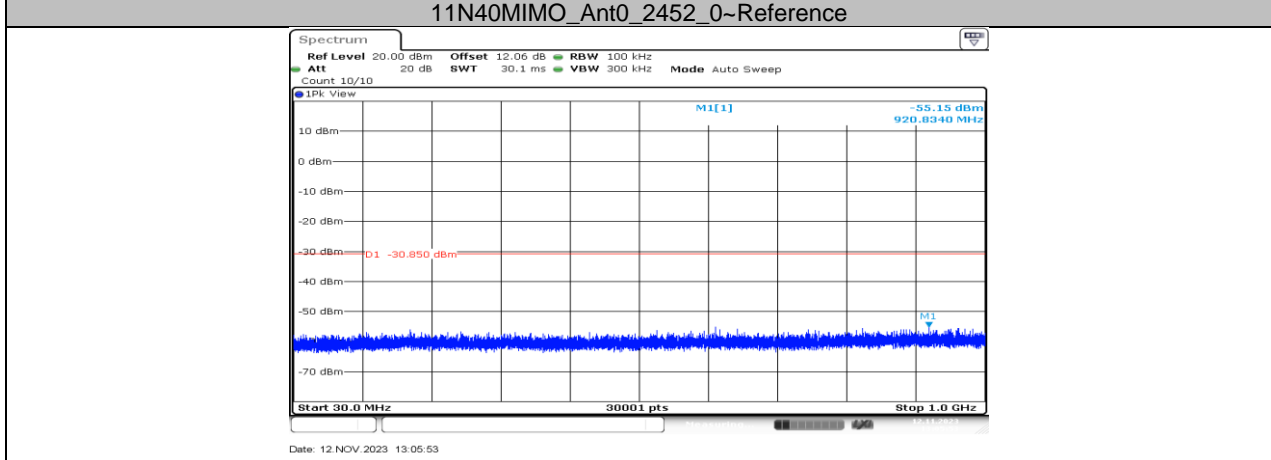
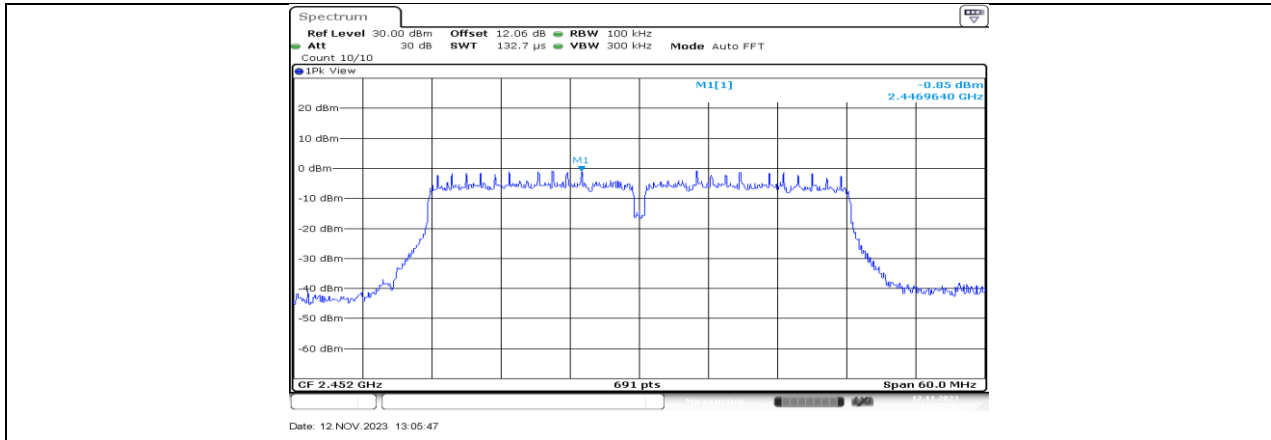


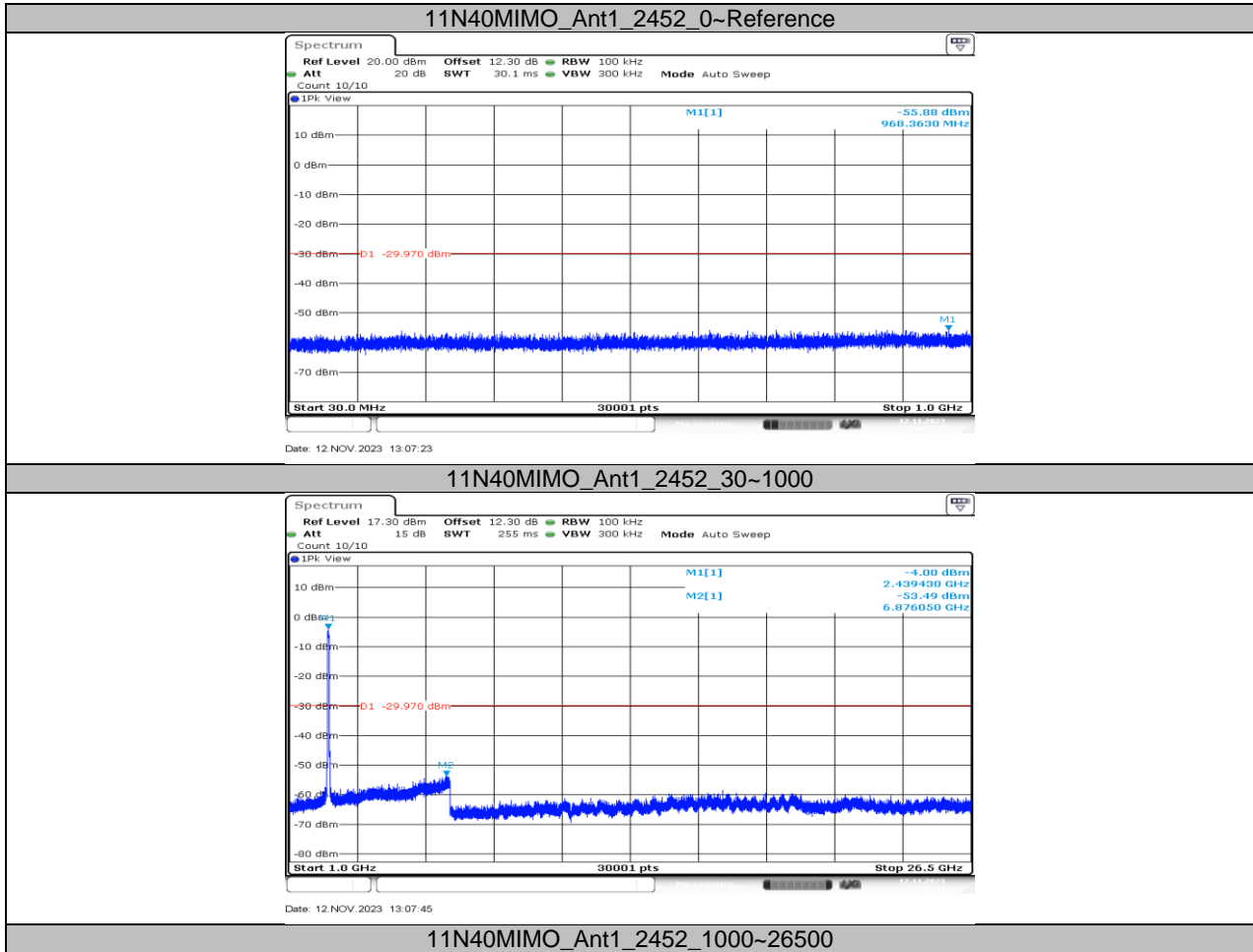












## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.17	8.67	0.9423	94.23	0.26	0.12	1
11G	1.35	1.85	0.7297	72.97	1.37	0.74	1
11N20MIMO	1.27	1.77	0.7175	71.75	1.44	0.79	1
11N40MIMO	0.63	1.13	0.5575	55.75	2.54	1.59	2

Note:

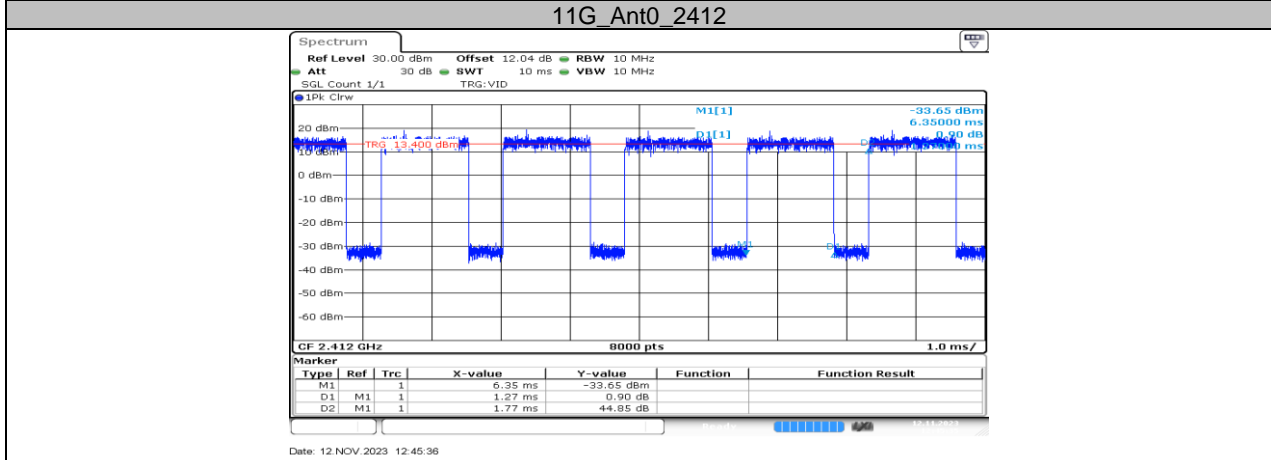
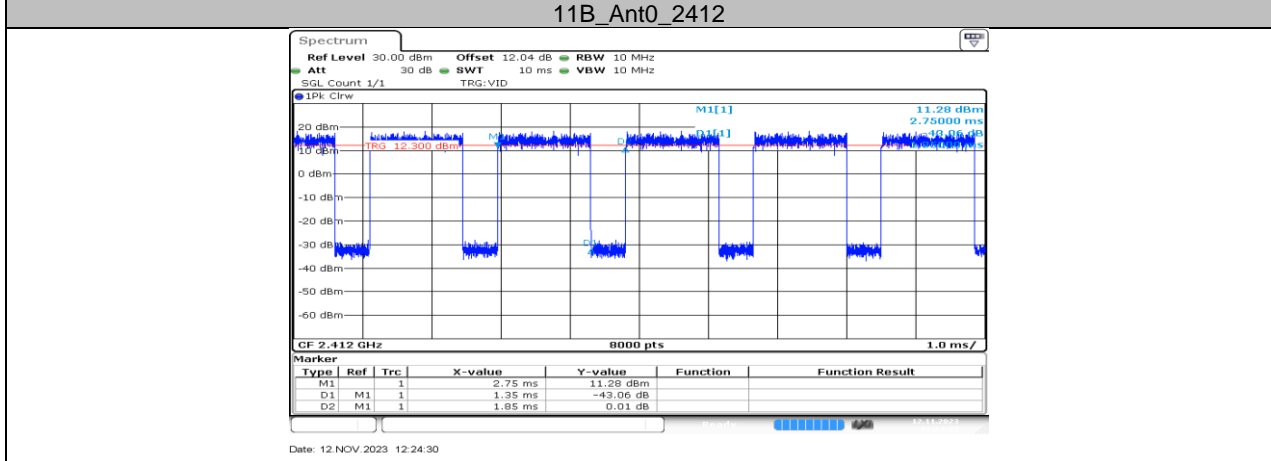
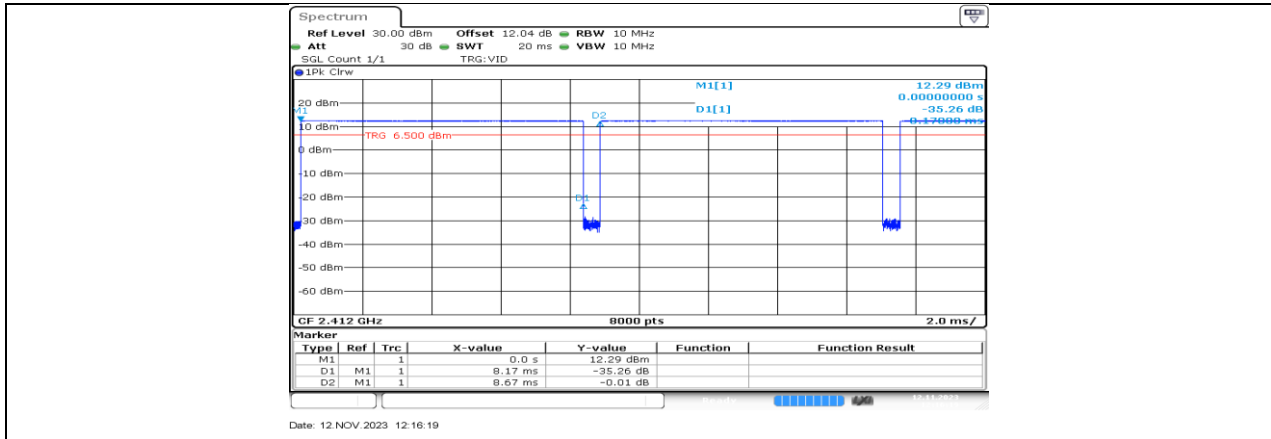
Duty Cycle Correction Factor= $10\log(1/x)$ .

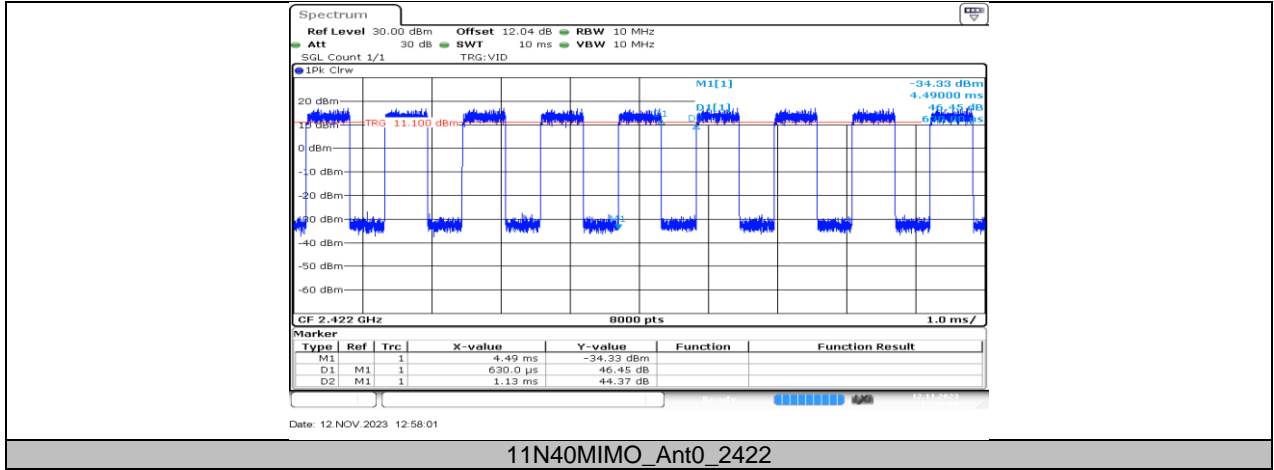
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

## 11.7.2. Test Graphs





END OF REPORT