

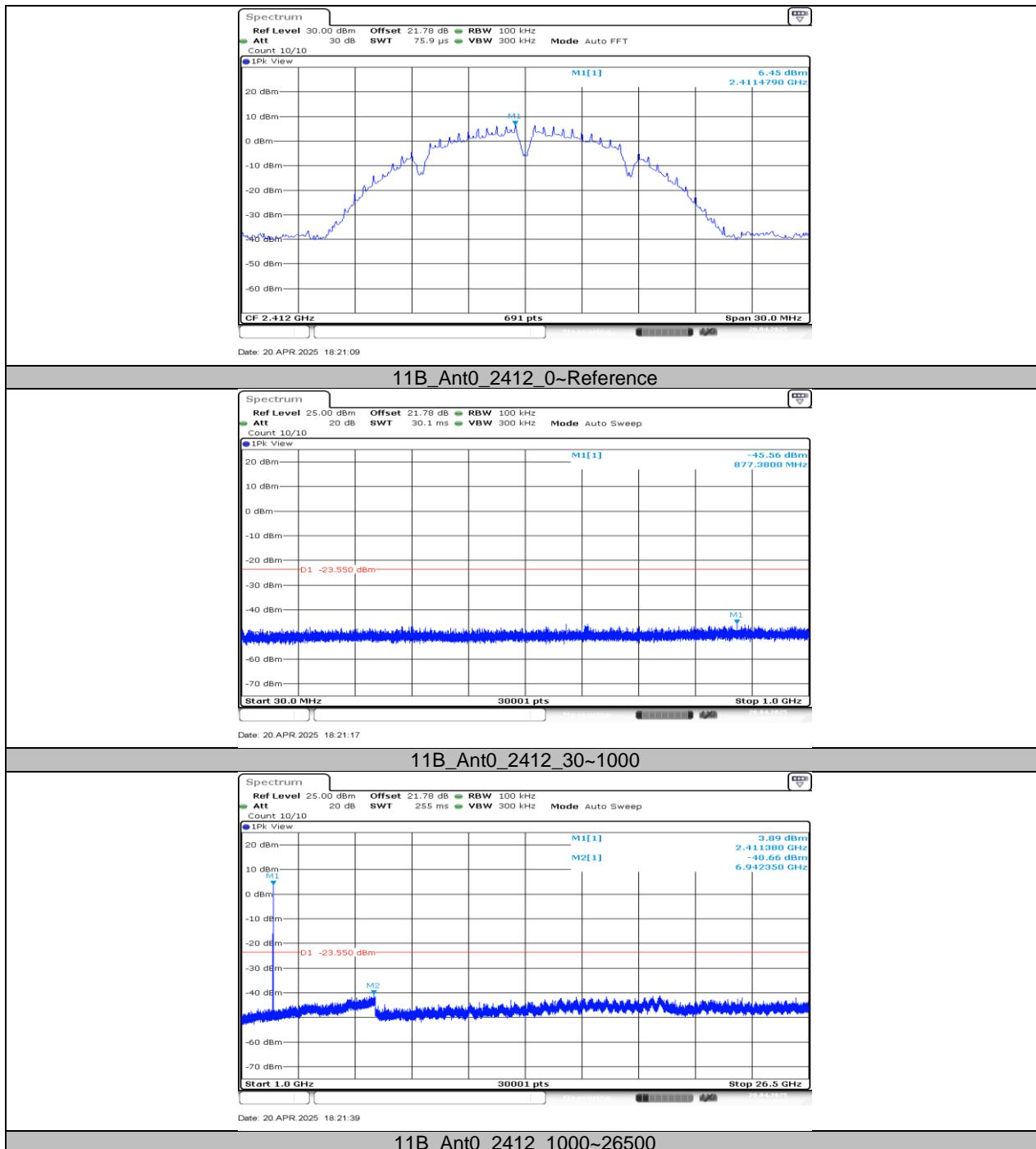
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

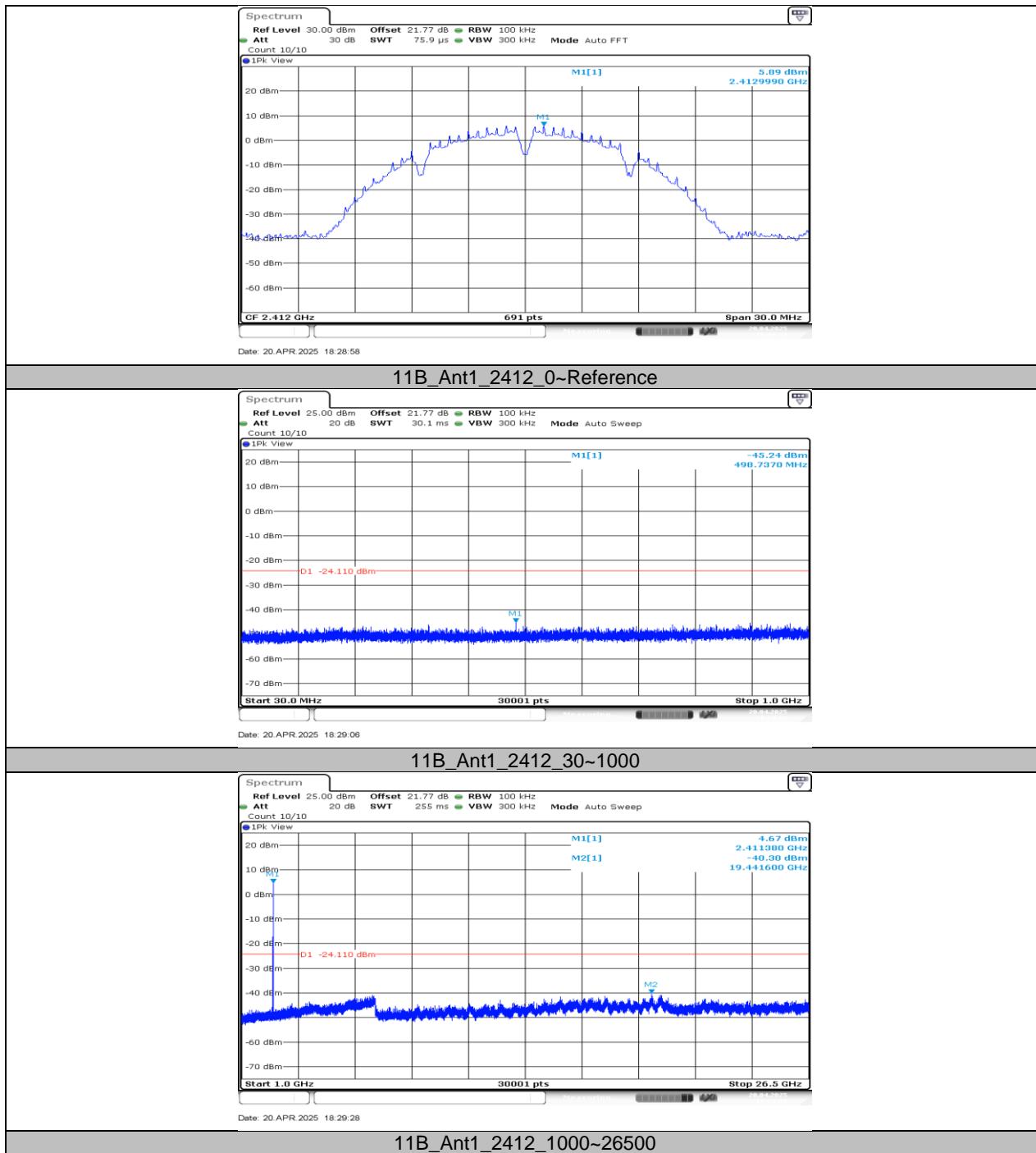
11.6.1. Test Result

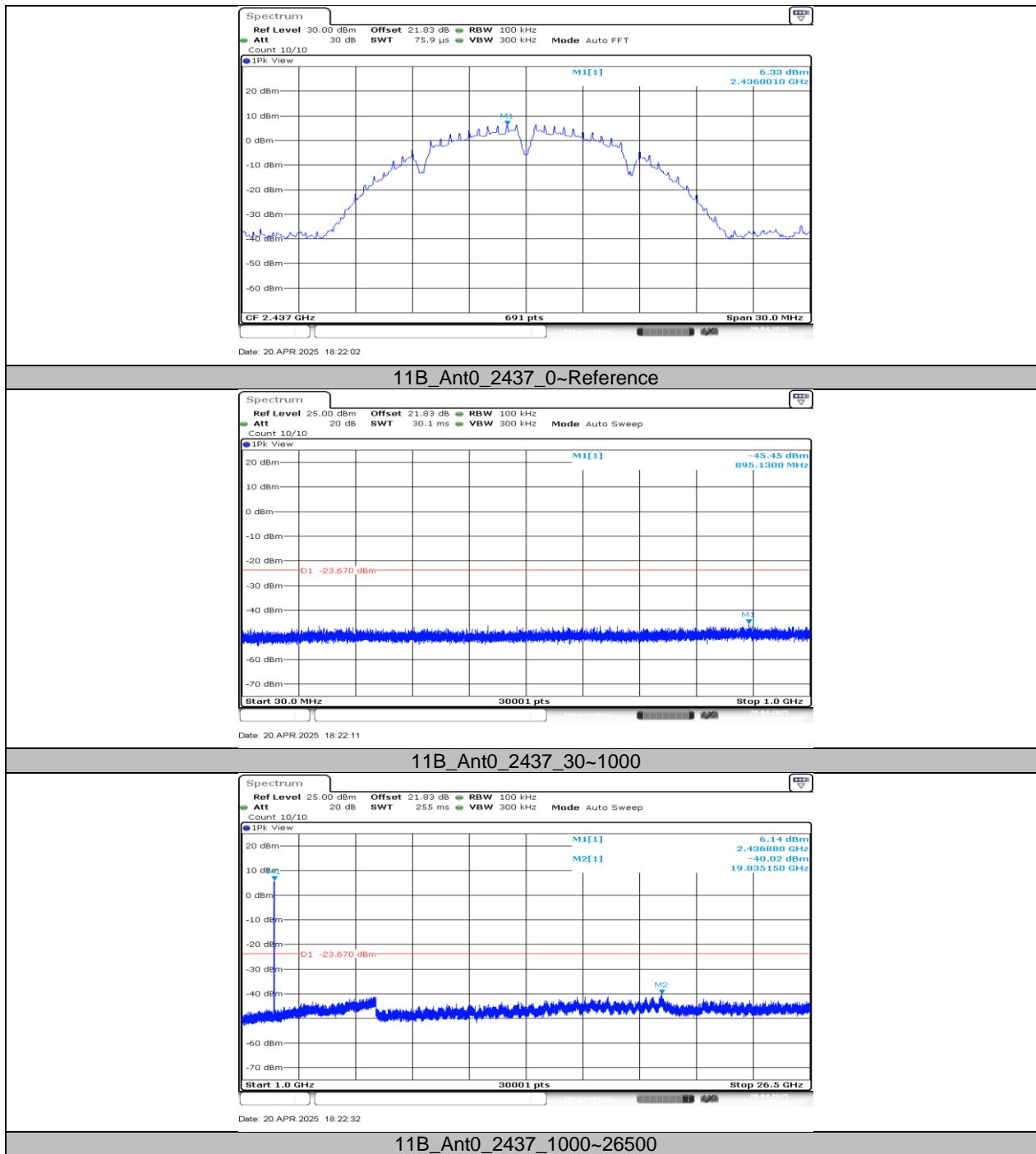
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	6.45	---	PASS
			30~1000	-45.56	≤-23.55	PASS
			1000~26500	-40.66	≤-23.55	PASS
	Ant1	2412	Reference	5.89	---	PASS
			30~1000	-45.24	≤-24.11	PASS
			1000~26500	-40.3	≤-24.11	PASS
	Ant0	2437	Reference	6.33	---	PASS
			30~1000	-45.45	≤-23.67	PASS
			1000~26500	-40.02	≤-23.67	PASS
	Ant1	2437	Reference	6.54	---	PASS
			30~1000	-45.71	≤-23.46	PASS
			1000~26500	-38.88	≤-23.46	PASS
11G	Ant0	2462	Reference	6.60	---	PASS
			30~1000	-46.06	≤-23.4	PASS
			1000~26500	-40.28	≤-23.4	PASS
	Ant1	2462	Reference	6.48	---	PASS
			30~1000	-45.71	≤-23.52	PASS
			1000~26500	-40.85	≤-23.52	PASS
	Ant0	2412	Reference	2.26	---	PASS
			30~1000	-45.29	≤-27.74	PASS
			1000~26500	-40	≤-27.74	PASS
	Ant1	2412	Reference	2.10	---	PASS
			30~1000	-45.82	≤-27.9	PASS
			1000~26500	-40.34	≤-27.9	PASS
11N20MIMO	Ant0	2437	Reference	2.02	---	PASS
			30~1000	-46.07	≤-27.98	PASS
			1000~26500	-40.72	≤-27.98	PASS
	Ant1	2437	Reference	2.04	---	PASS
			30~1000	-45.25	≤-27.96	PASS
			1000~26500	-40.22	≤-27.96	PASS
	Ant0	2462	Reference	2.09	---	PASS
			30~1000	-45.2	≤-27.91	PASS
			1000~26500	-40.53	≤-27.91	PASS
	Ant1	2462	Reference	2.16	---	PASS
			30~1000	-45.55	≤-27.84	PASS
			1000~26500	-40.83	≤-27.84	PASS
11N40MIMO	Ant0	2412	Reference	5.46	---	PASS
			30~1000	-46.11	≤-24.54	PASS
			1000~26500	-40.67	≤-24.54	PASS
	Ant1	2412	Reference	5.04	---	PASS
			30~1000	-46.3	≤-24.96	PASS
			1000~26500	-40.51	≤-24.96	PASS
	Ant0	2437	Reference	5.53	---	PASS
			30~1000	-45.81	≤-24.47	PASS
			1000~26500	-40.27	≤-24.47	PASS
	Ant1	2437	Reference	4.45	---	PASS
			30~1000	-45.82	≤-25.55	PASS
			1000~26500	-40.74	≤-25.55	PASS
	Ant0	2462	Reference	5.63	---	PASS
			30~1000	-46.09	≤-24.37	PASS
			1000~26500	-40.46	≤-24.37	PASS
	Ant1	2462	Reference	4.80	---	PASS
			30~1000	-45.97	≤-25.2	PASS
			1000~26500	-40.62	≤-25.2	PASS

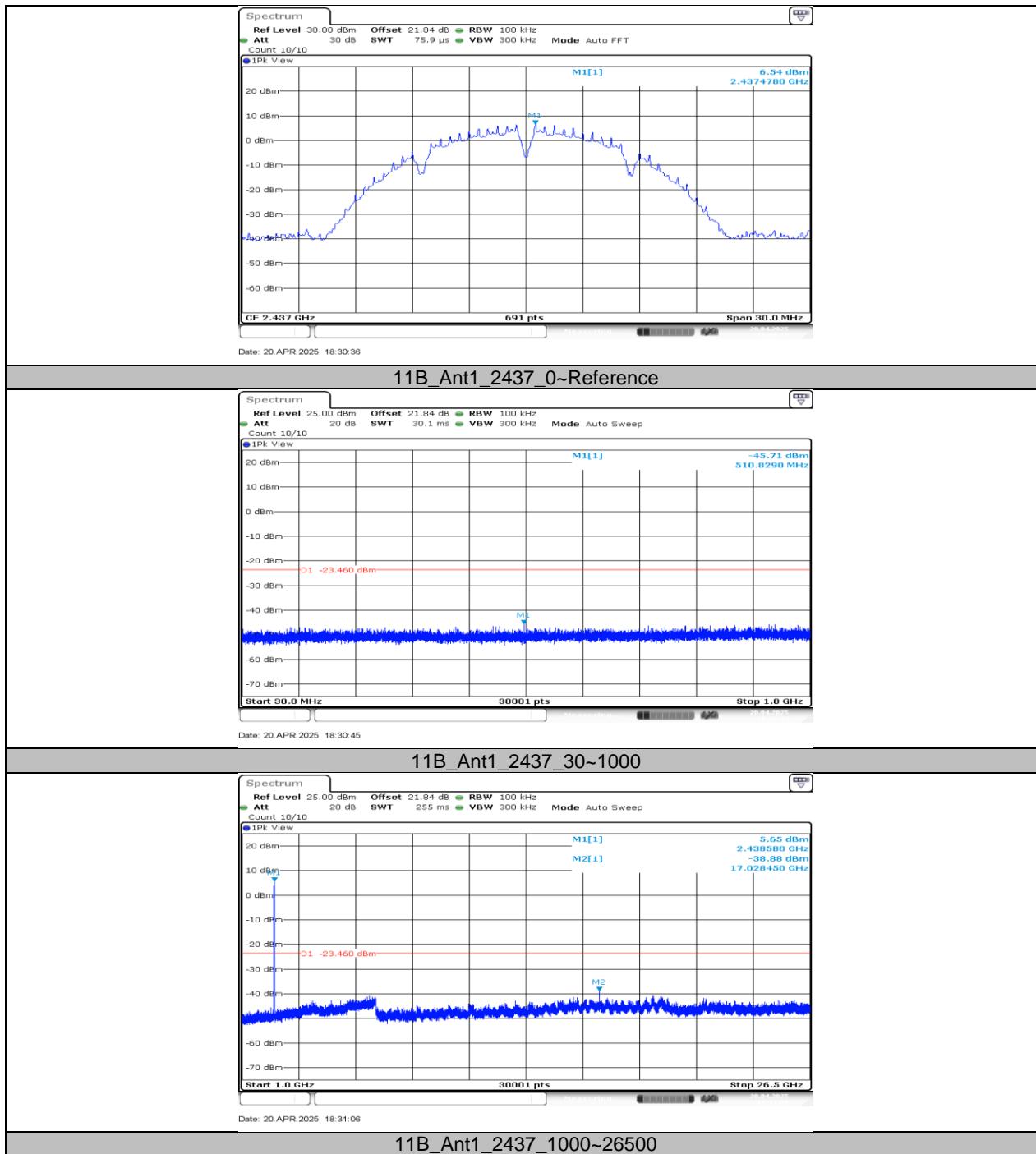
			30~1000	-45.44	≤-29.65	PASS
			1000~26500	-40.34	≤-29.65	PASS
Ant1	2422	Reference	0.36	---	PASS	
		30~1000	-45.6	≤-29.64	PASS	
		1000~26500	-39.54	≤-29.64	PASS	
		Reference	0.77	---	PASS	
Ant0	2437	30~1000	-45.88	≤-29.23	PASS	
		1000~26500	-41.04	≤-29.23	PASS	
		Reference	0.68	---	PASS	
Ant1	2437	30~1000	-45.46	≤-29.32	PASS	
		1000~26500	-41.04	≤-29.32	PASS	
		Reference	-0.02	---	PASS	
Ant0	2452	30~1000	-45.95	≤-30.02	PASS	
		1000~26500	-40.5	≤-30.02	PASS	
		Reference	0.55	---	PASS	
Ant1	2452	30~1000	-46.08	≤-29.45	PASS	
		1000~26500	-40.69	≤-29.45	PASS	

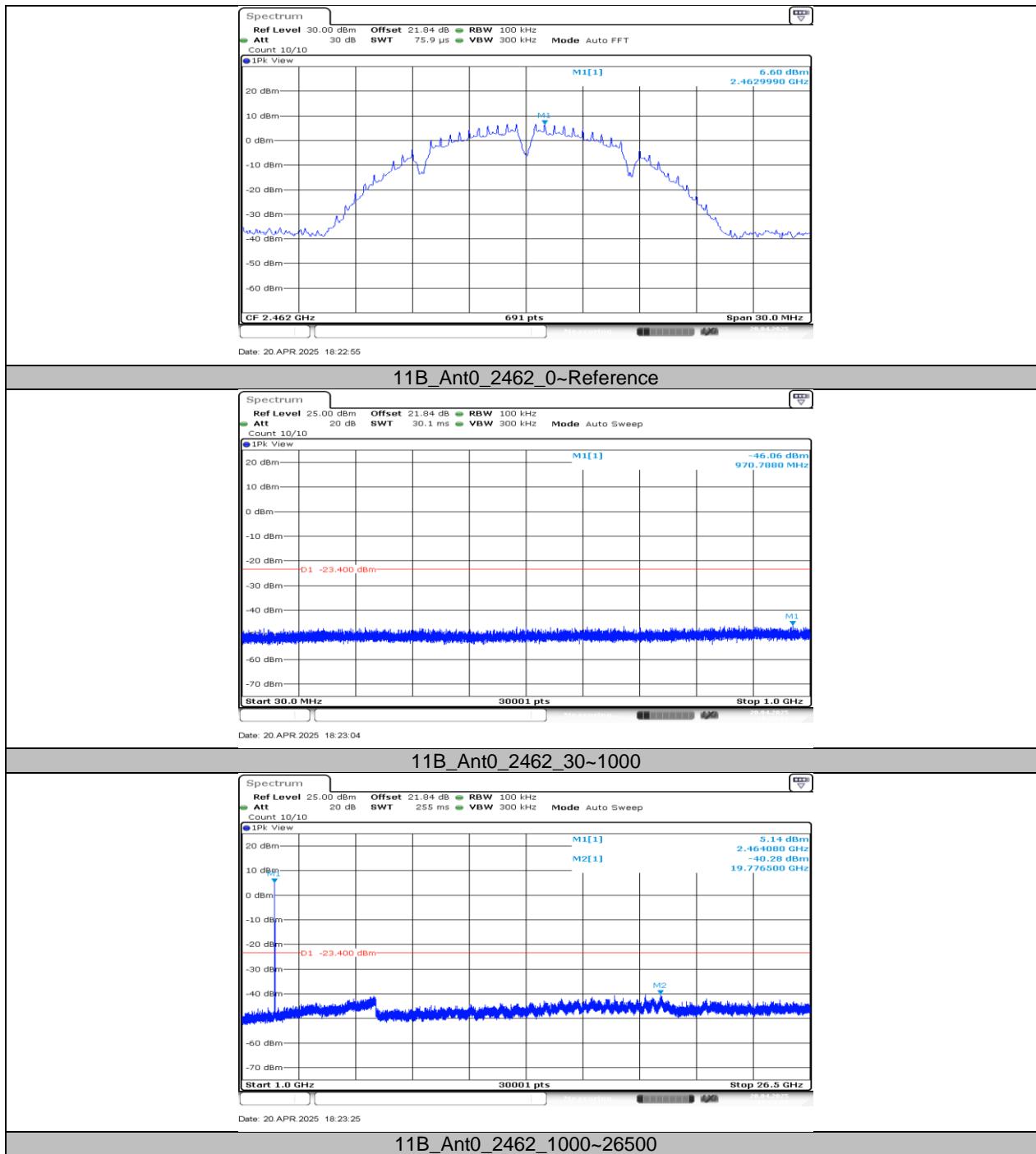
11.6.2. Test Graphs

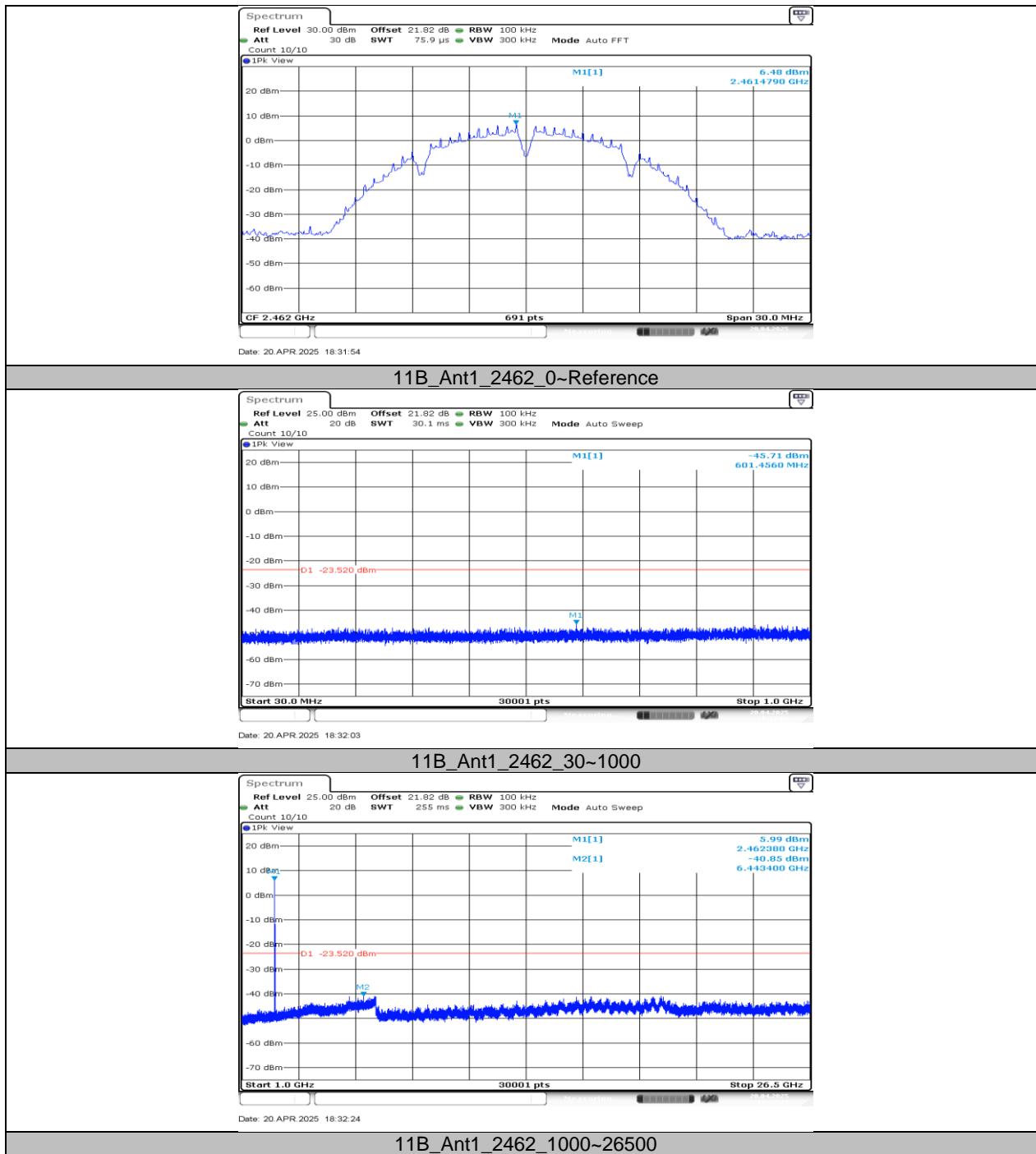


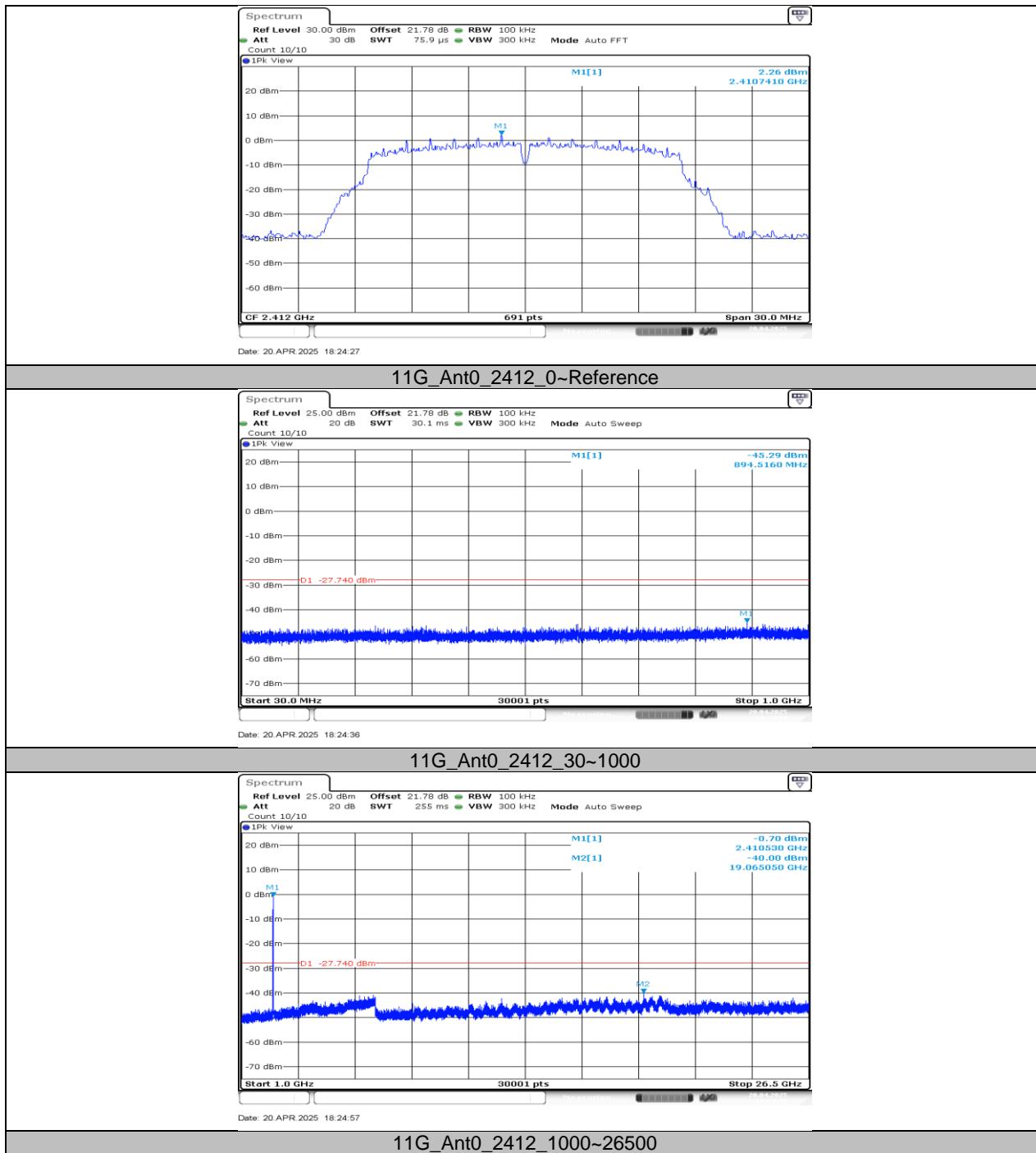


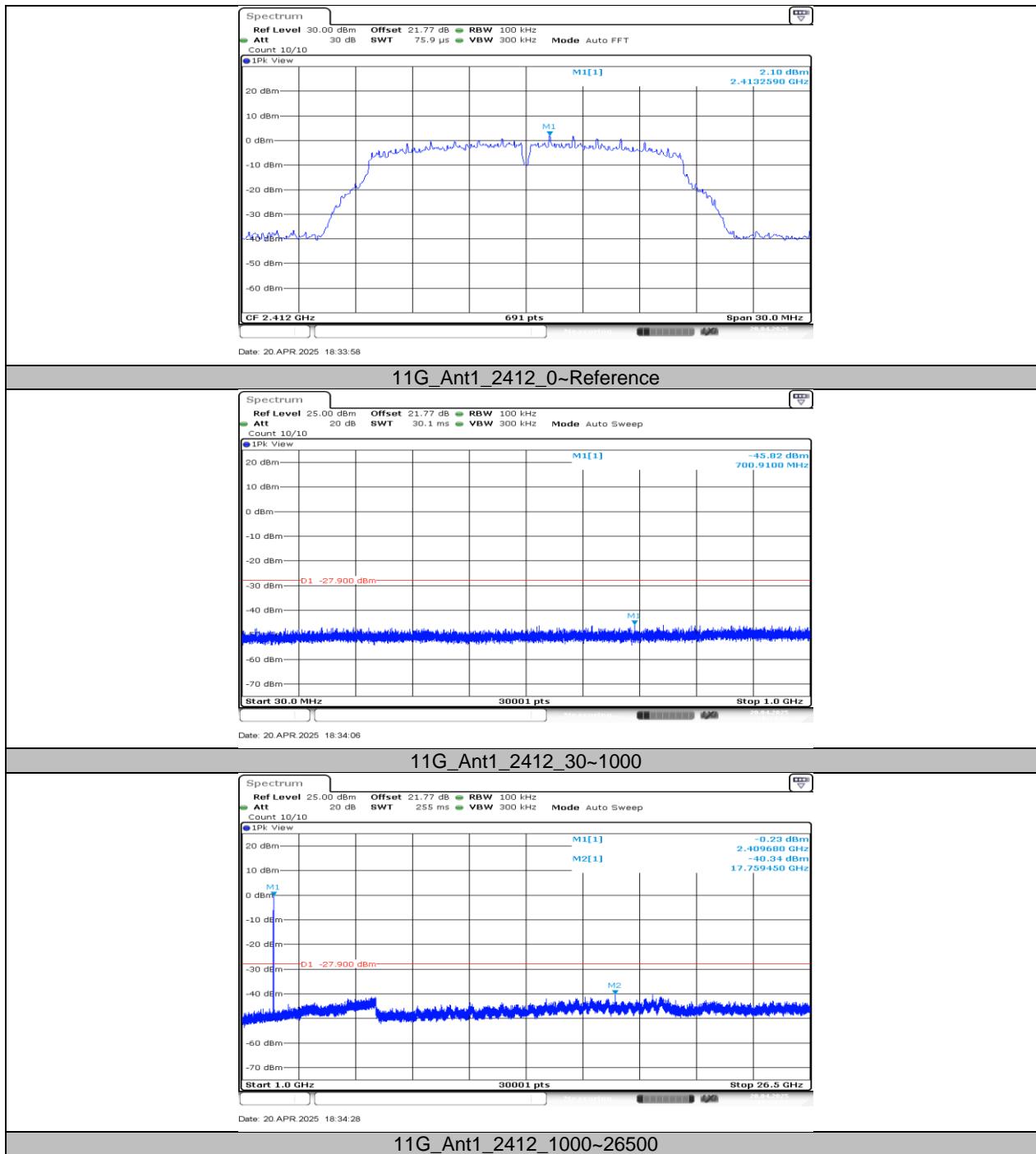


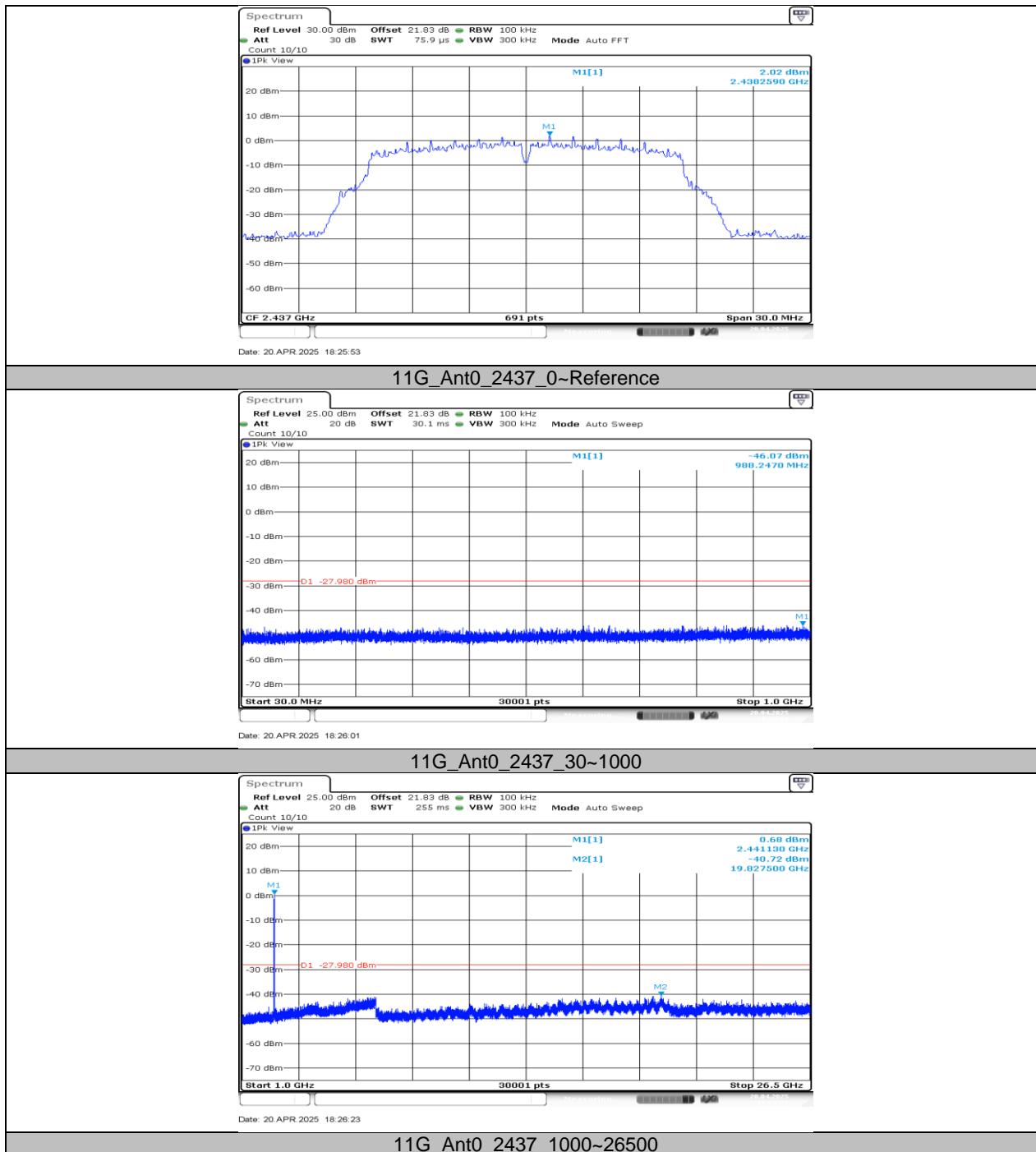


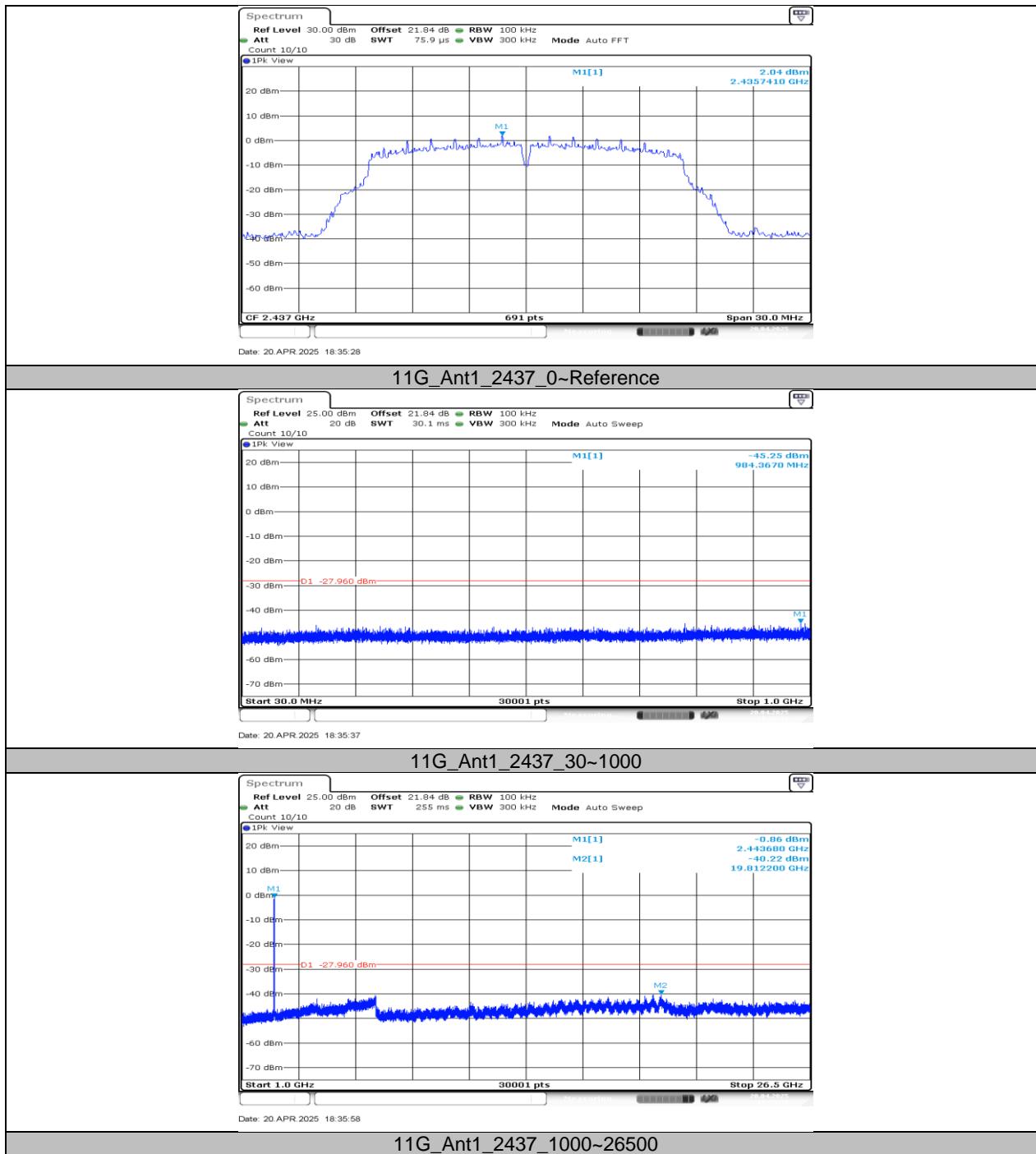


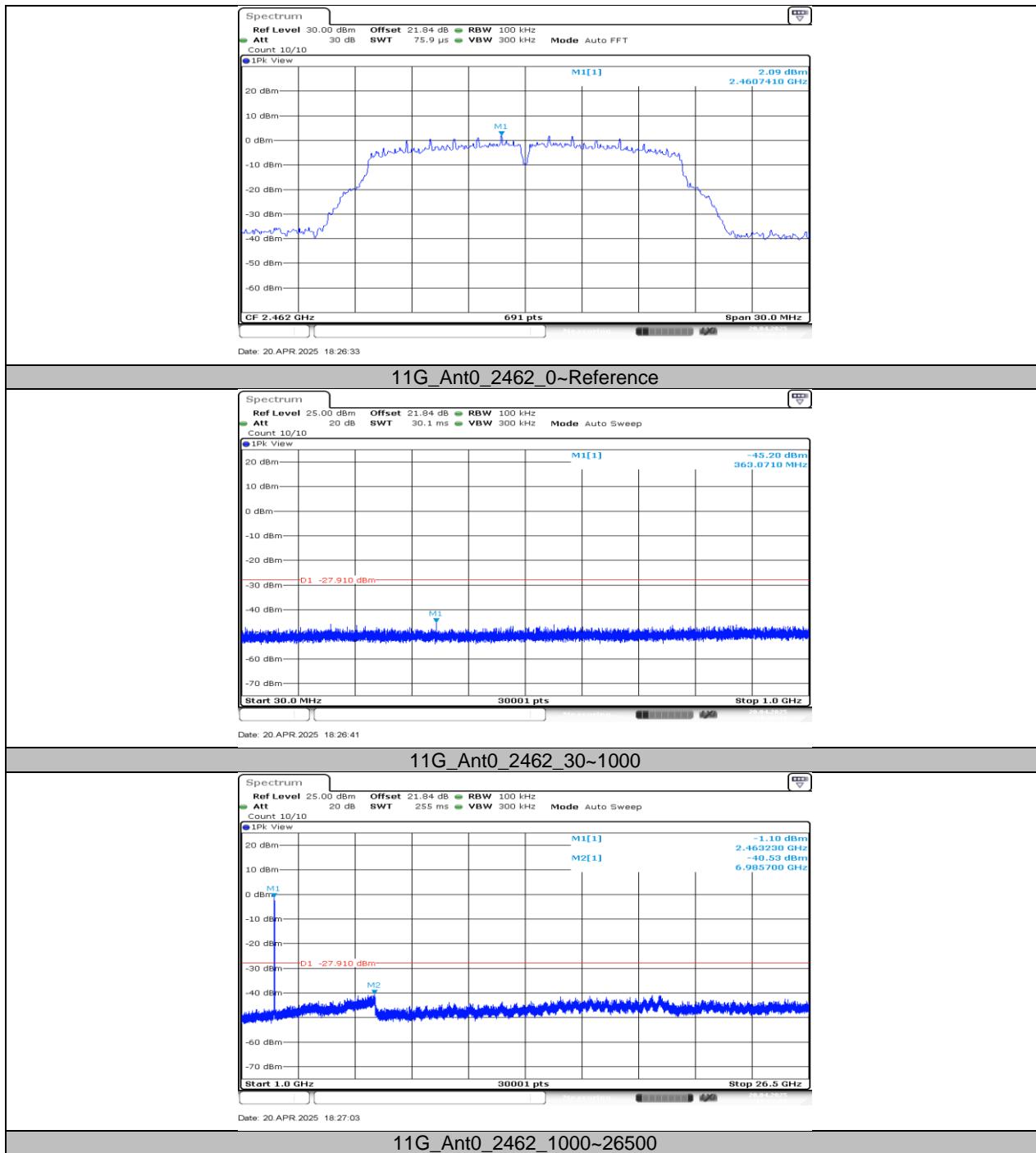


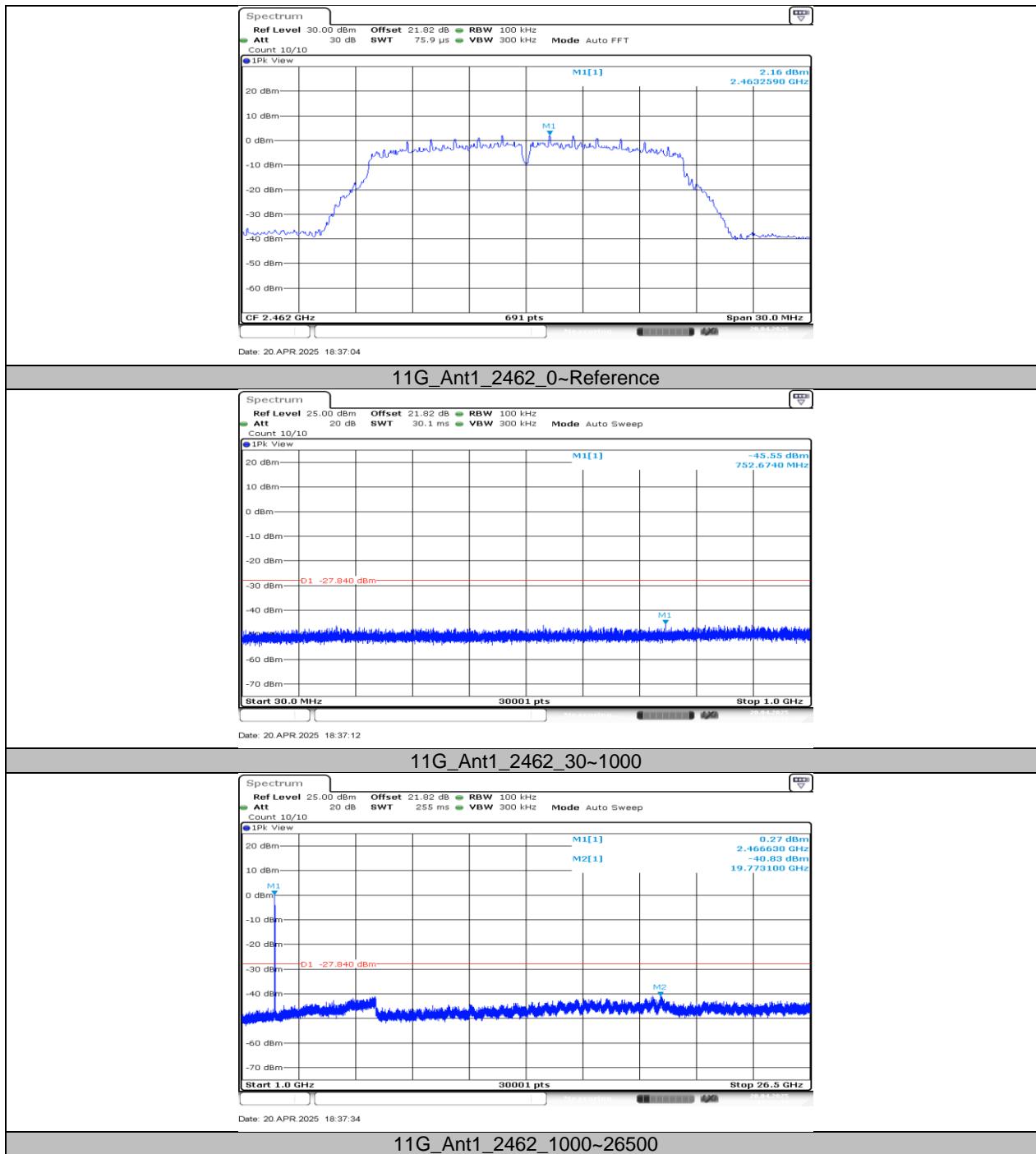


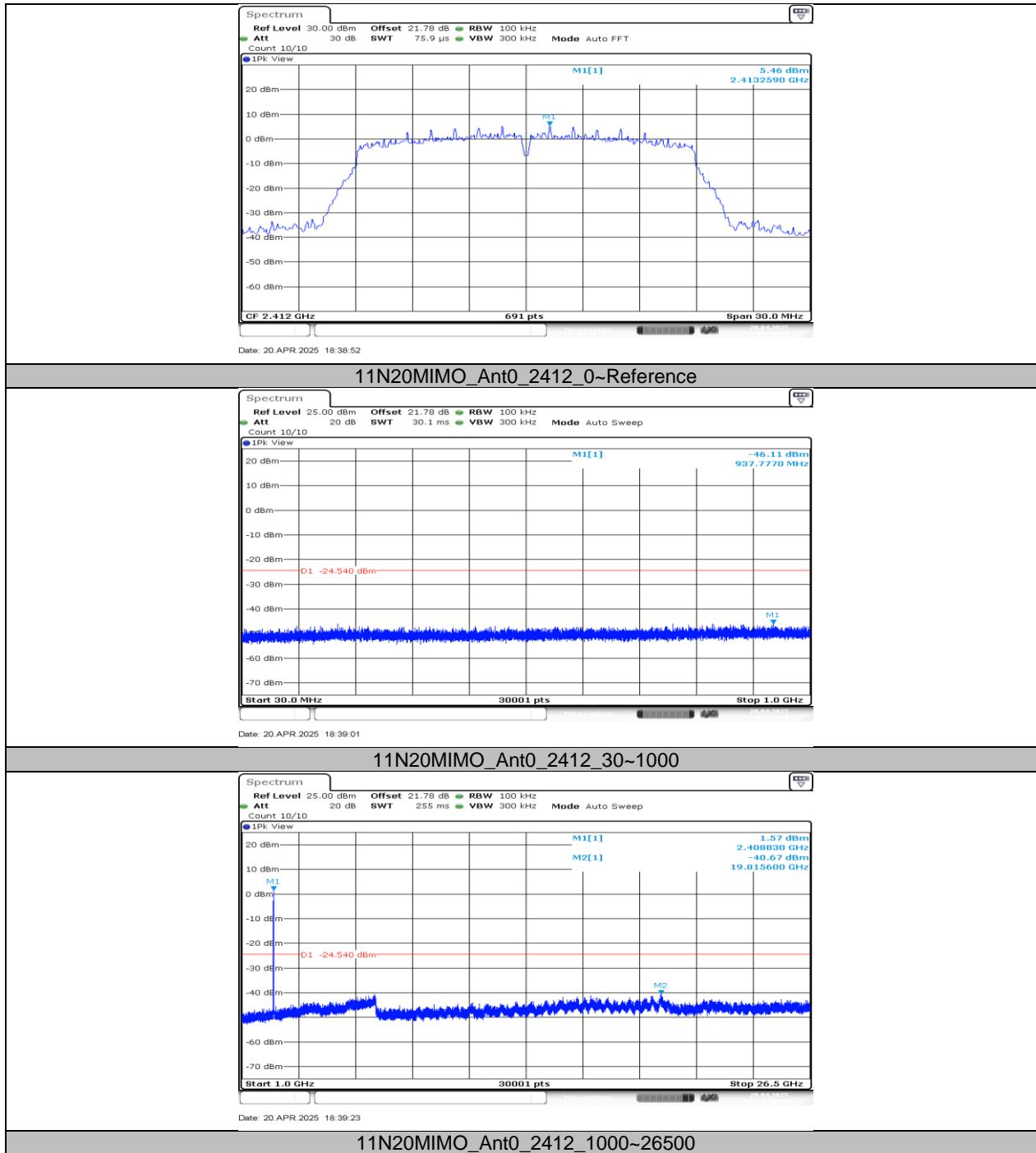


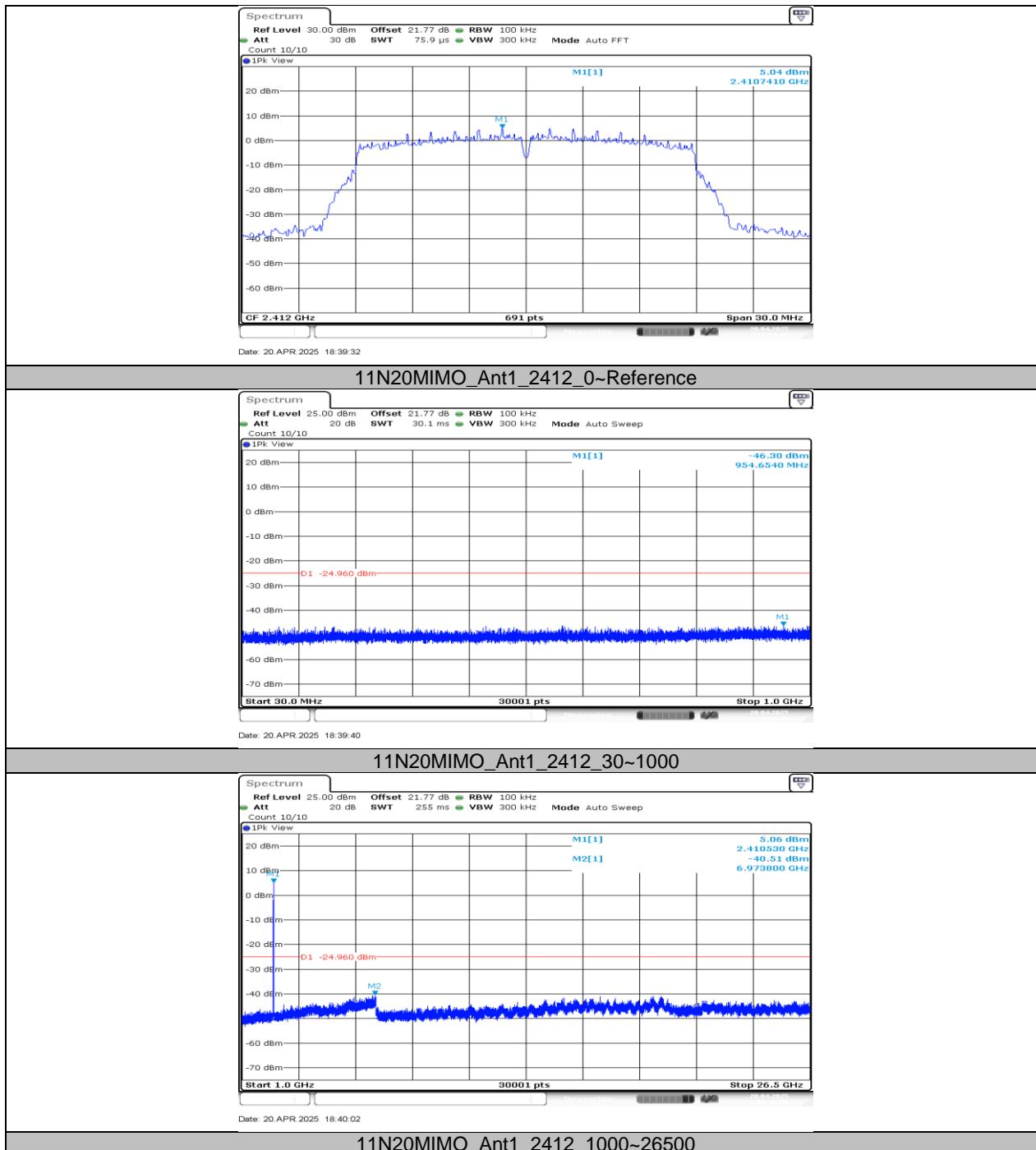


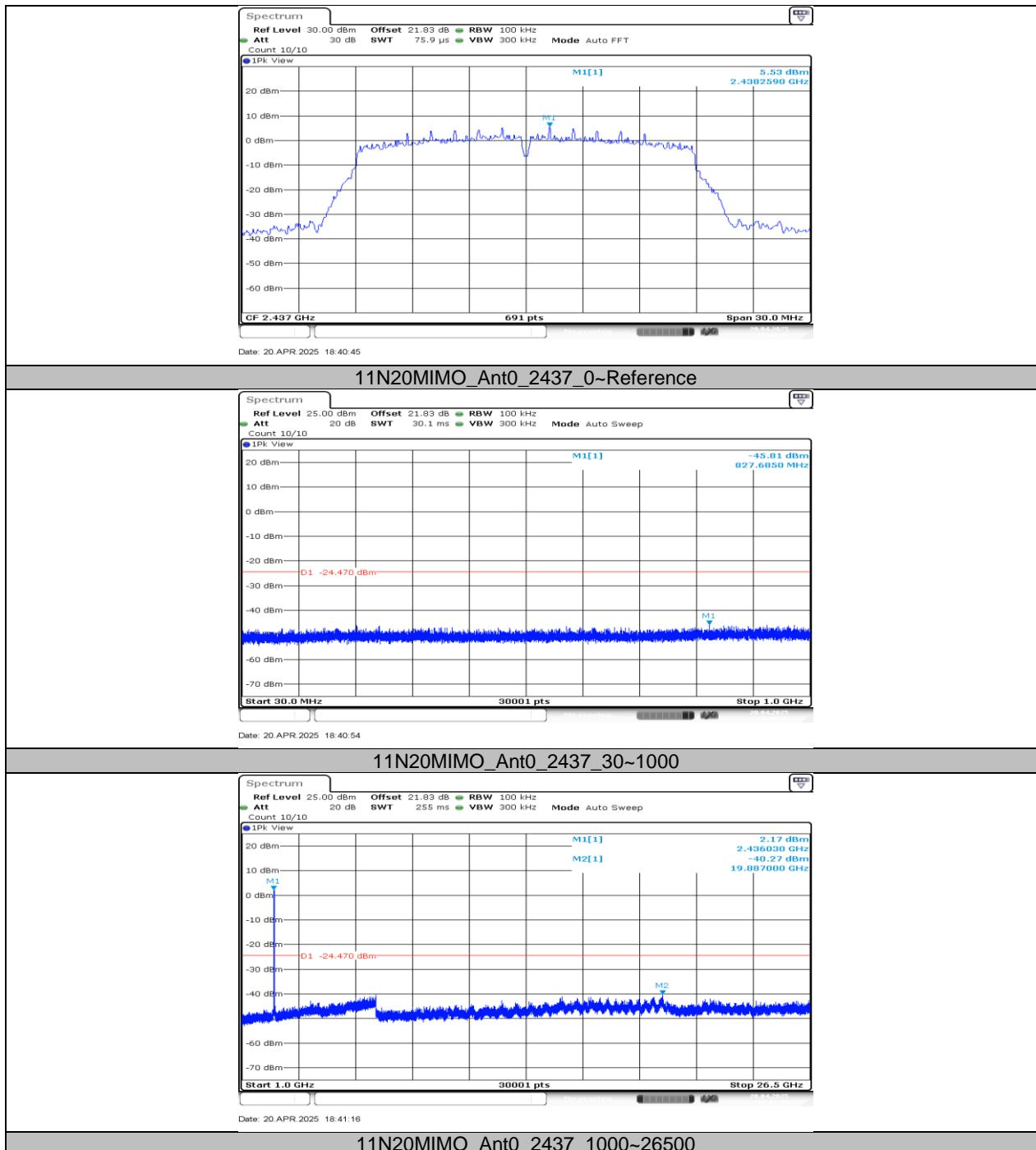


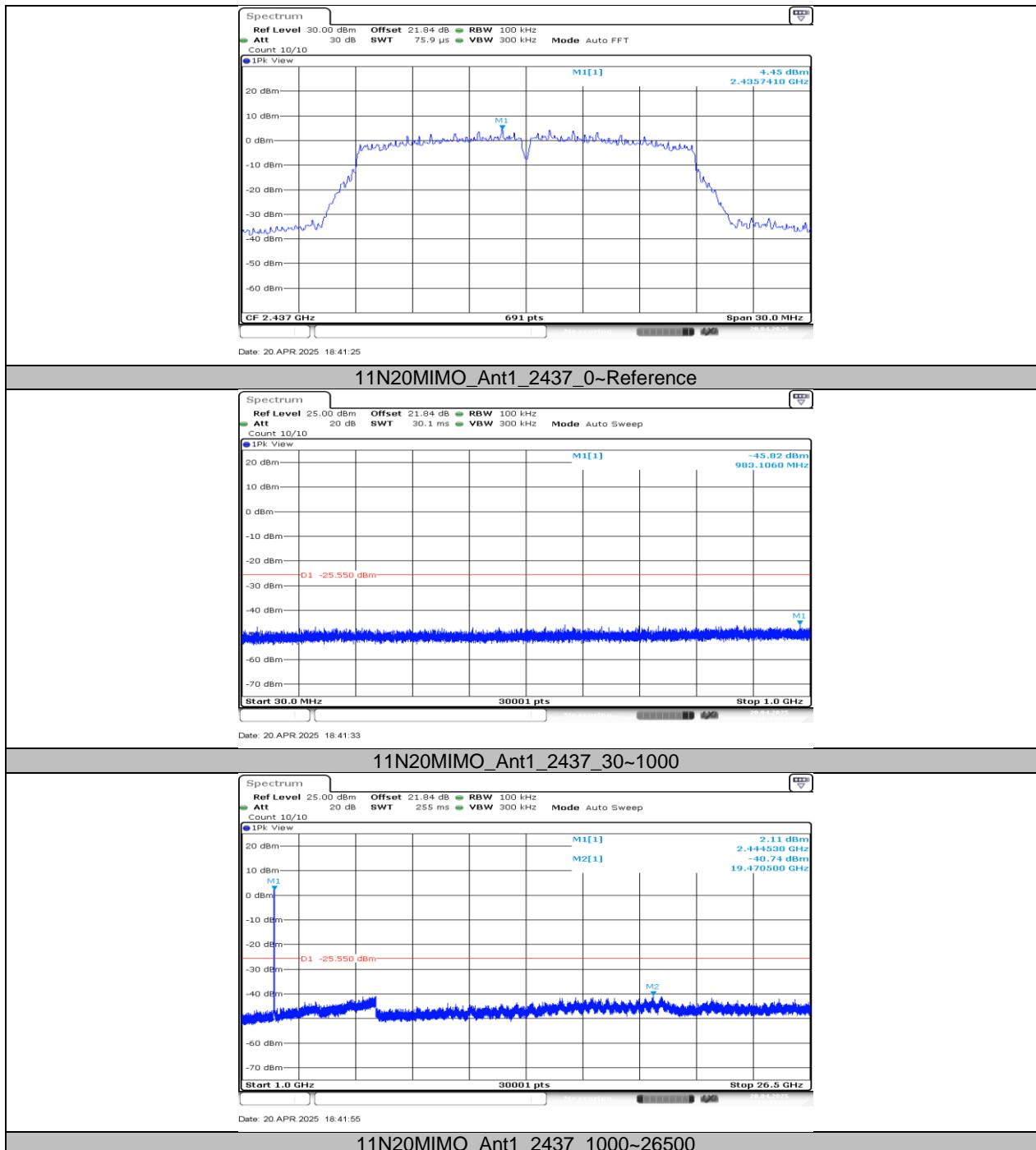


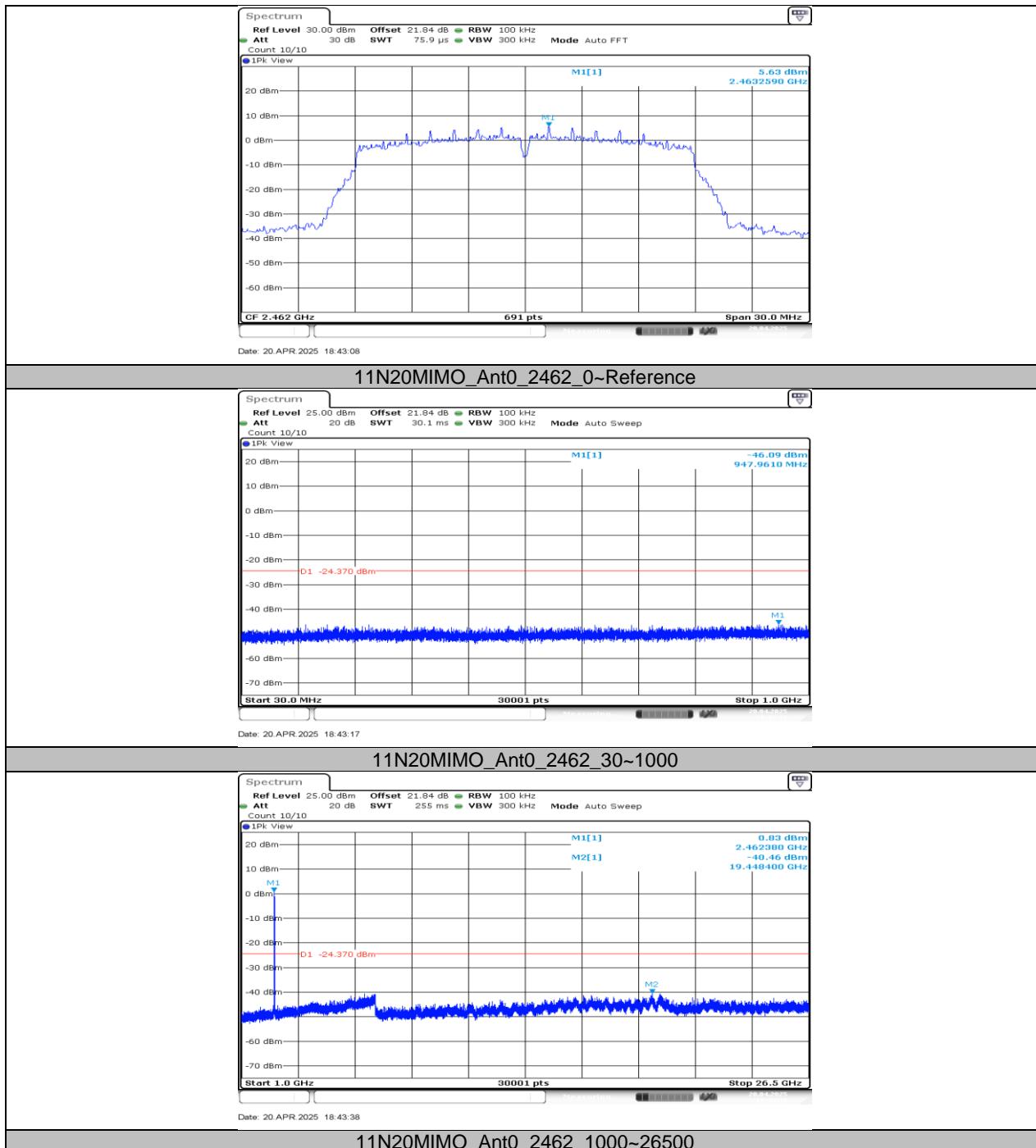


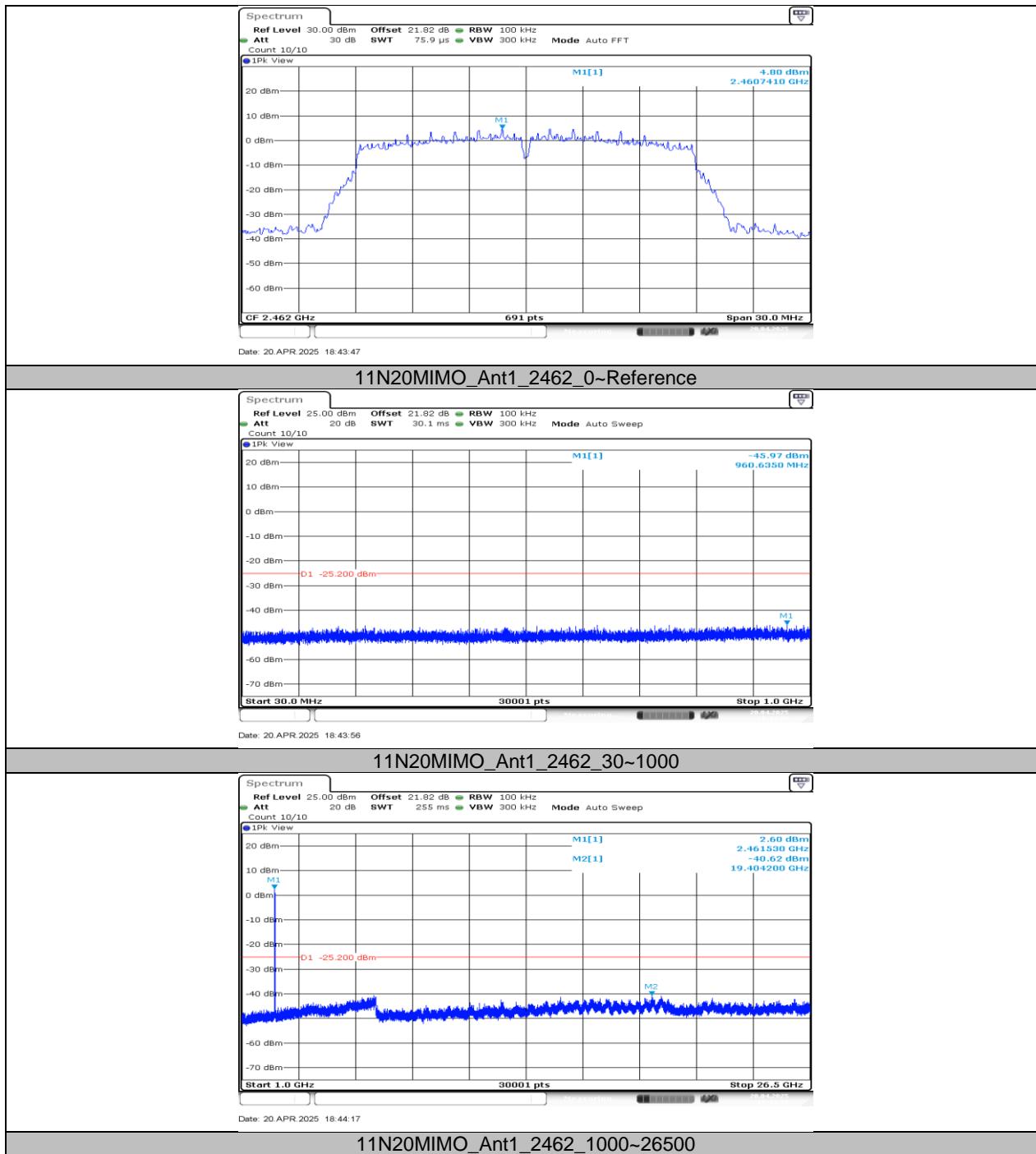


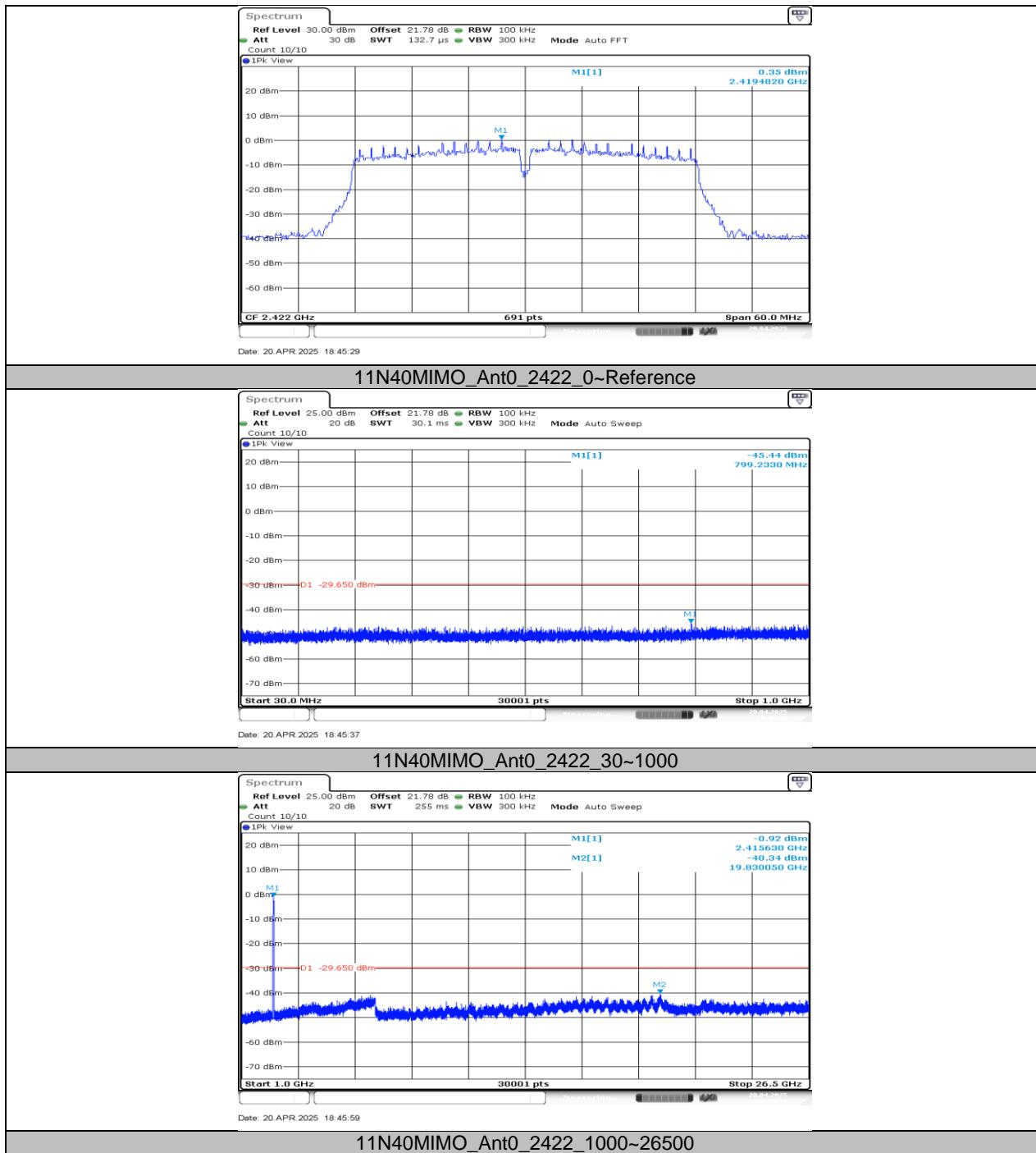


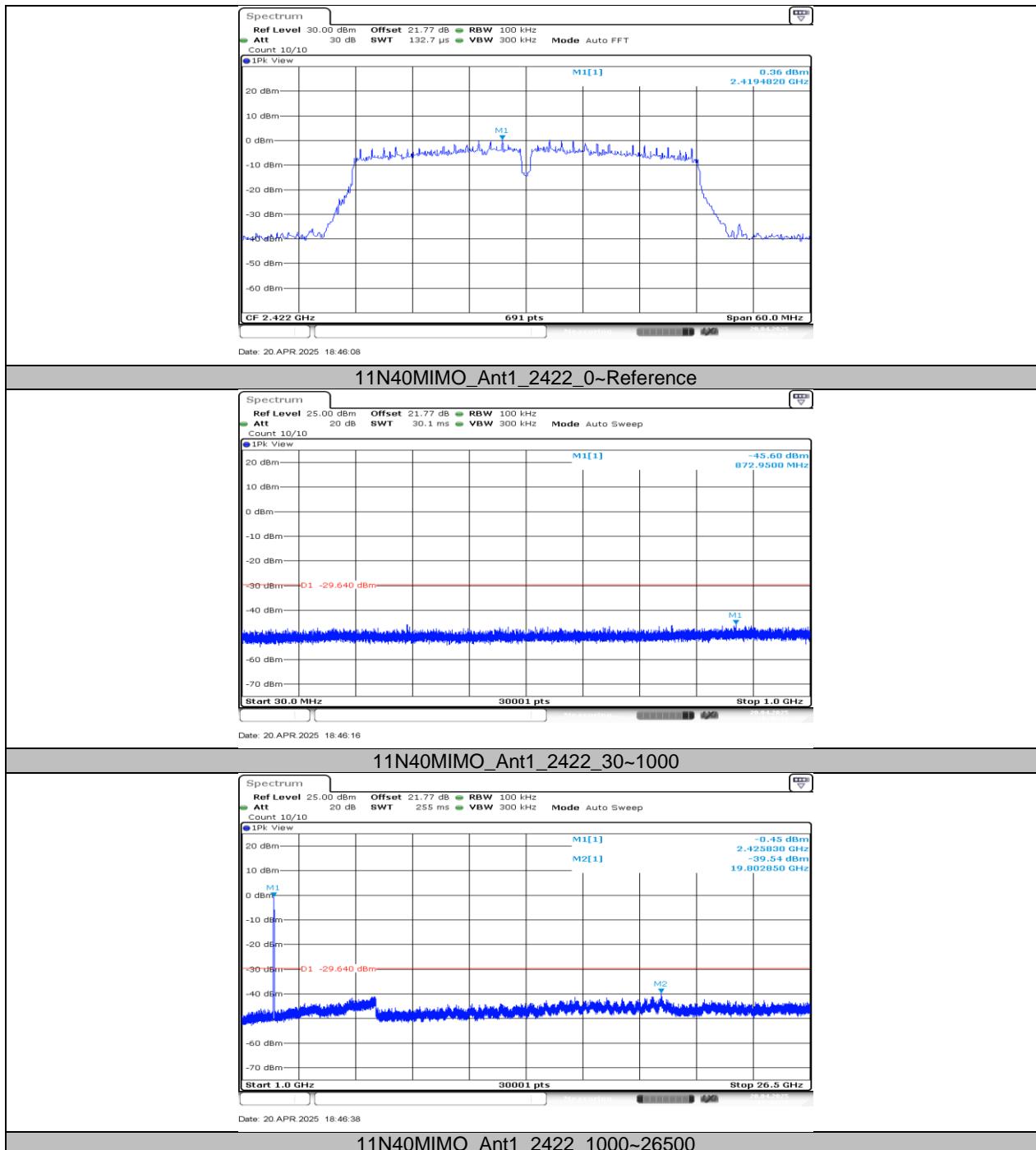


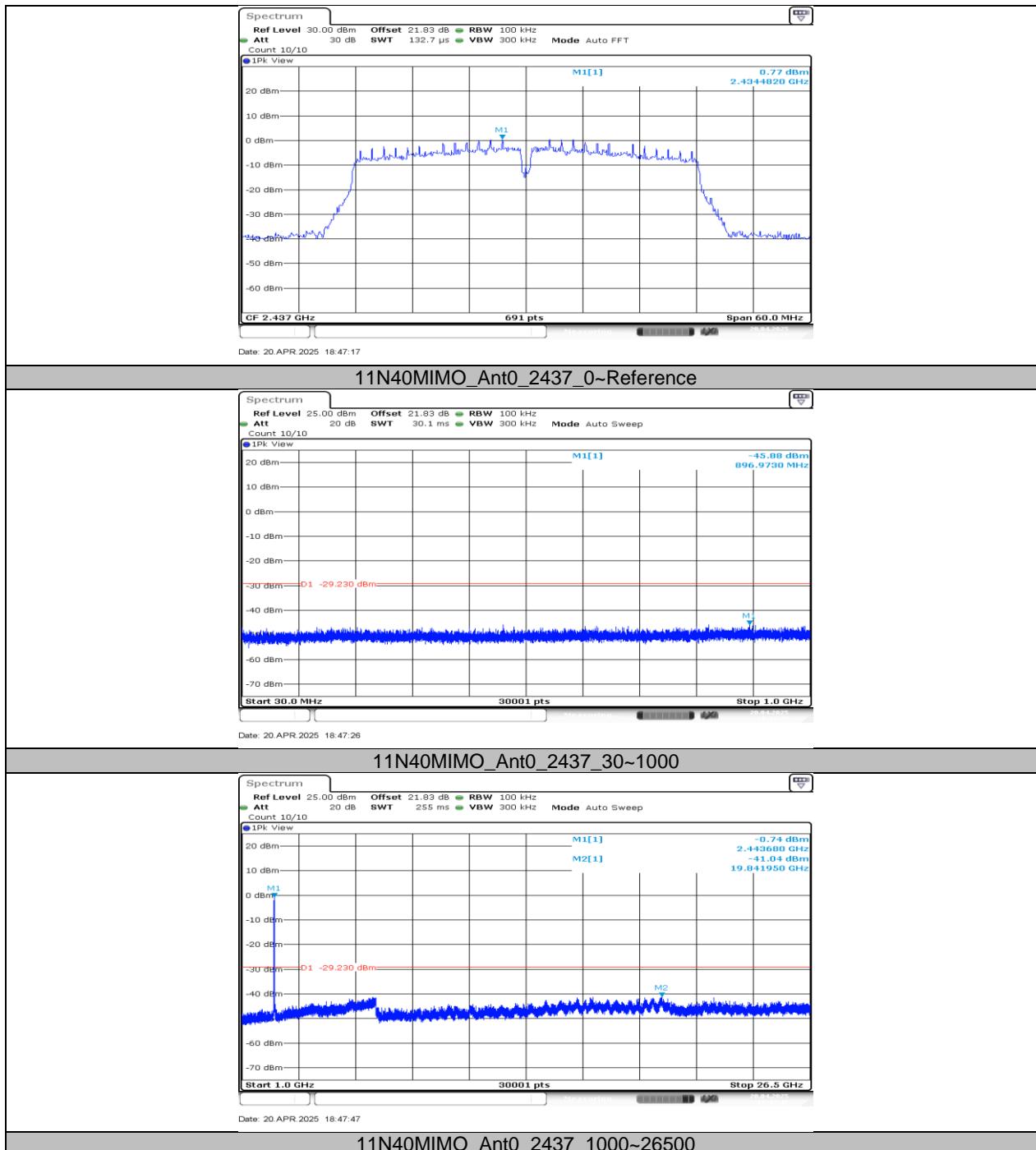


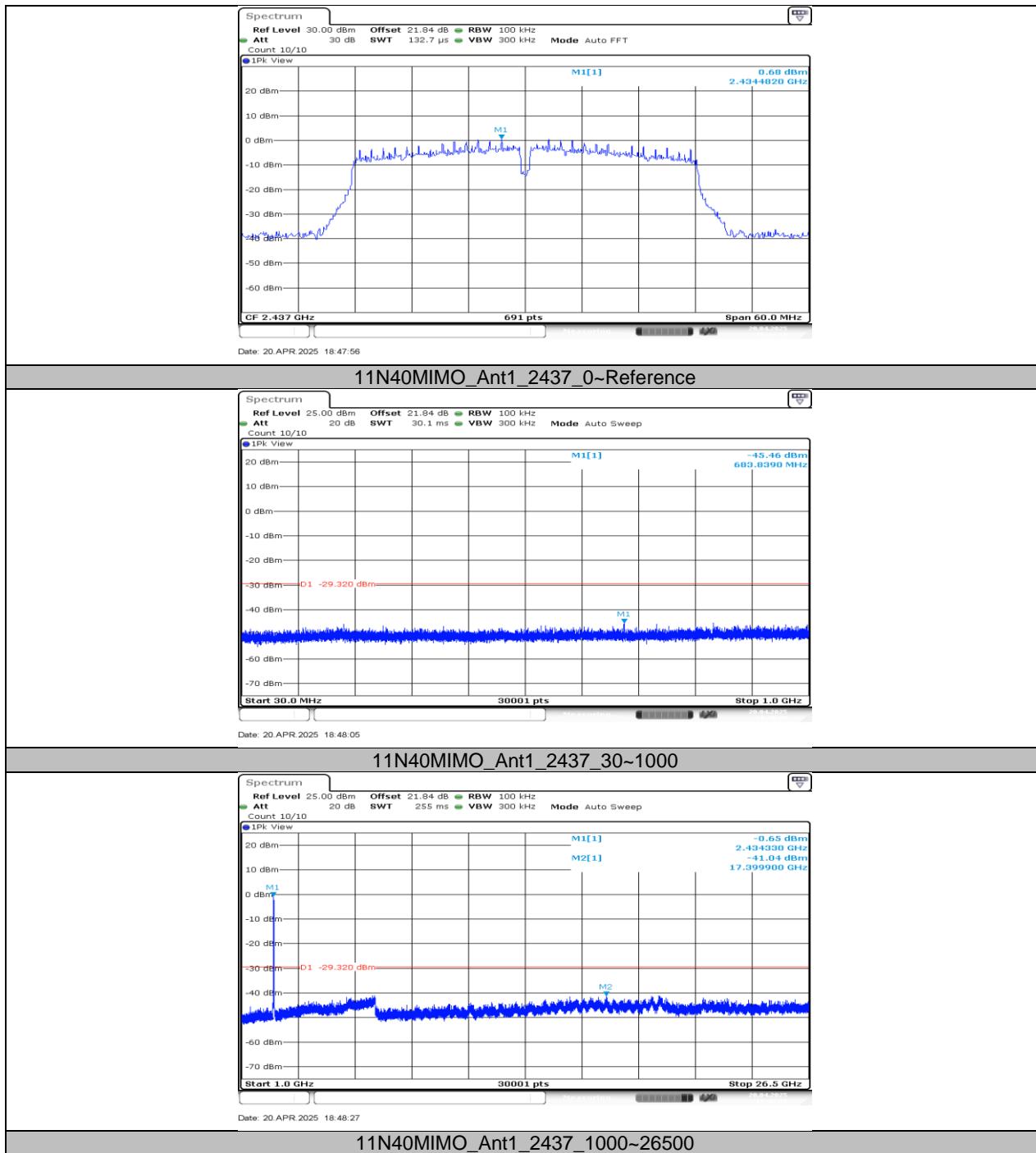


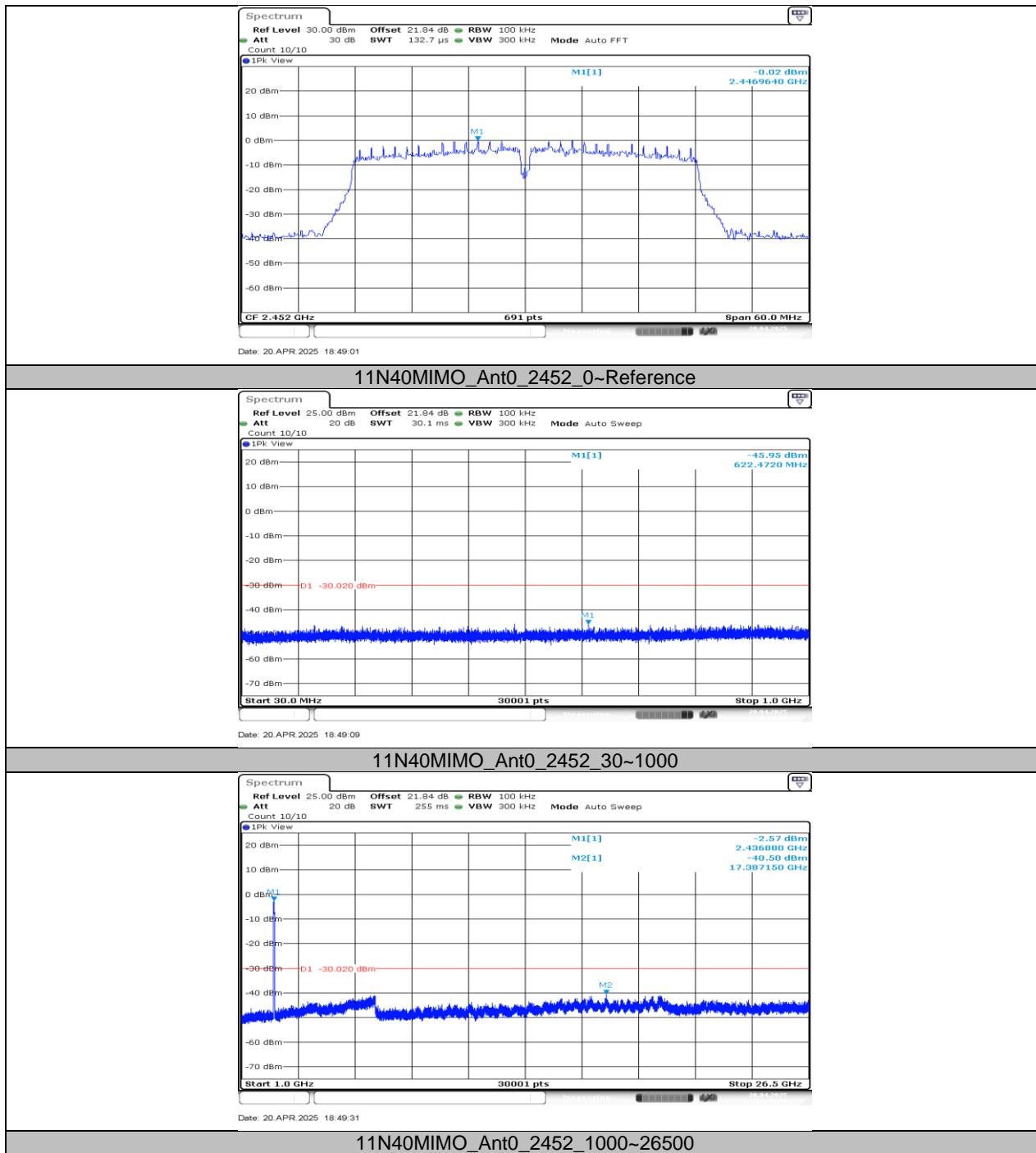


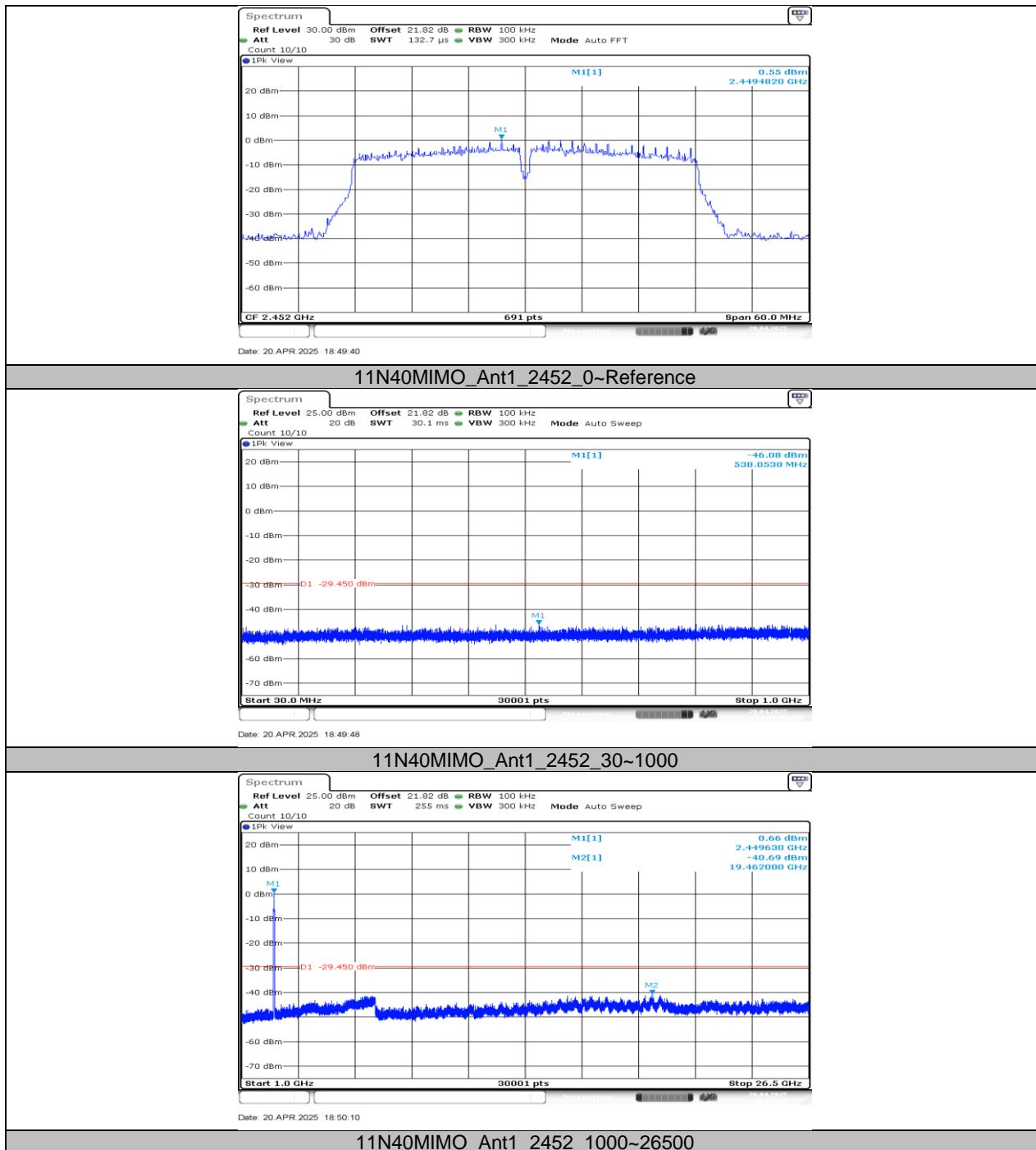












11.7. APPENDIX G: DUTY CYCLE

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	8.37	8.41	0.9952	99.52	0.02	0.12	0.01
11G	1.39	1.43	0.9720	97.20	0.12	0.72	1
11N20MIMO	1.29	1.34	0.9627	96.27	0.17	0.78	1
11N40MIMO	0.64	0.69	0.9275	92.75	0.33	1.56	2

Note:

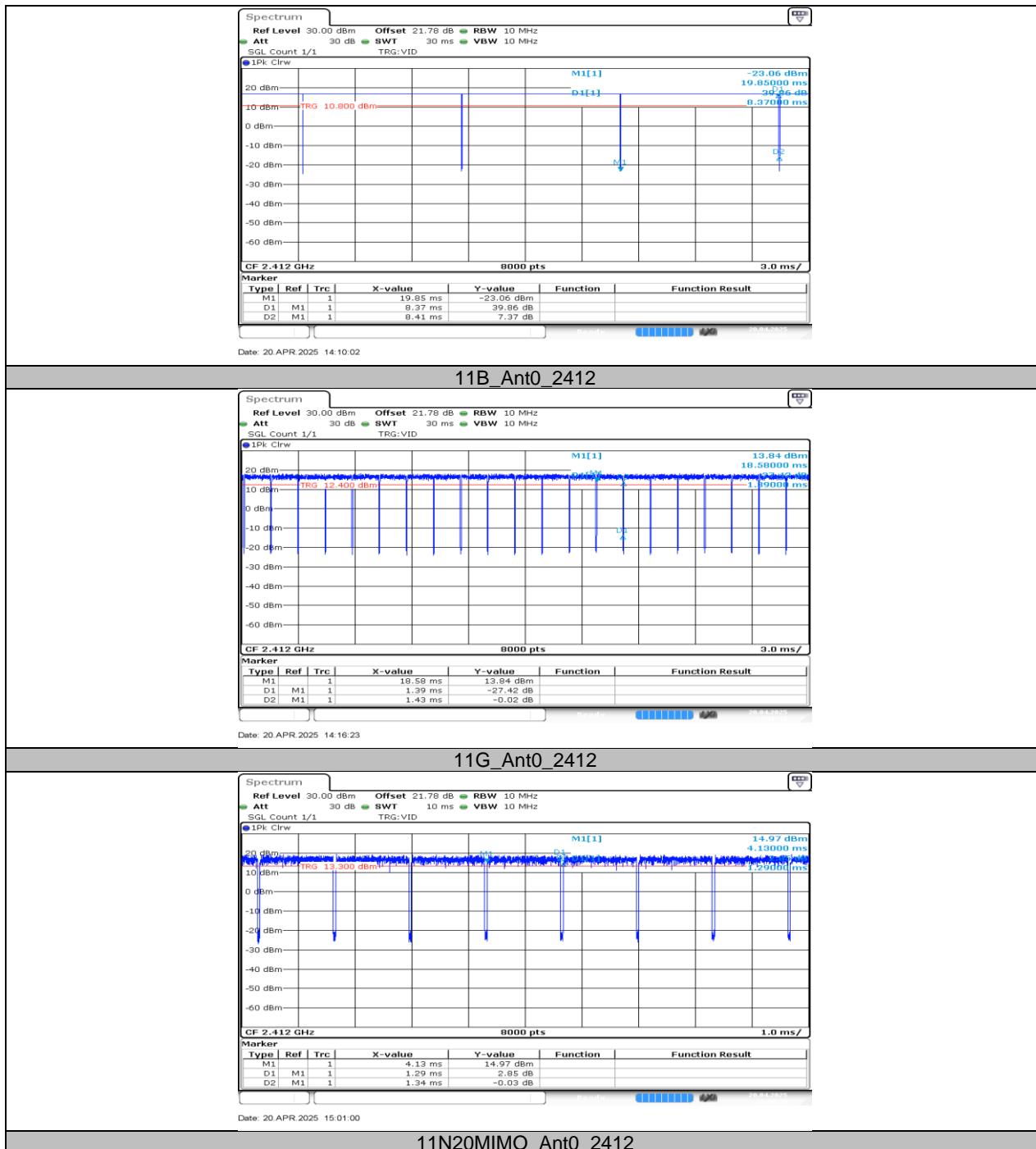
Duty Cycle Correction Factor=10log (1/x).

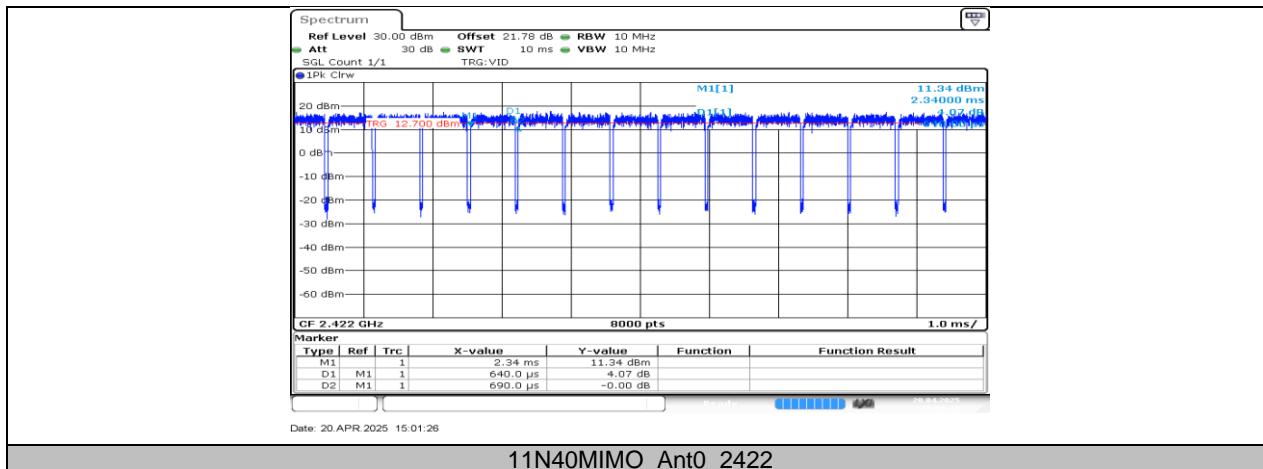
Where: x is Duty Cycle (Linear)

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