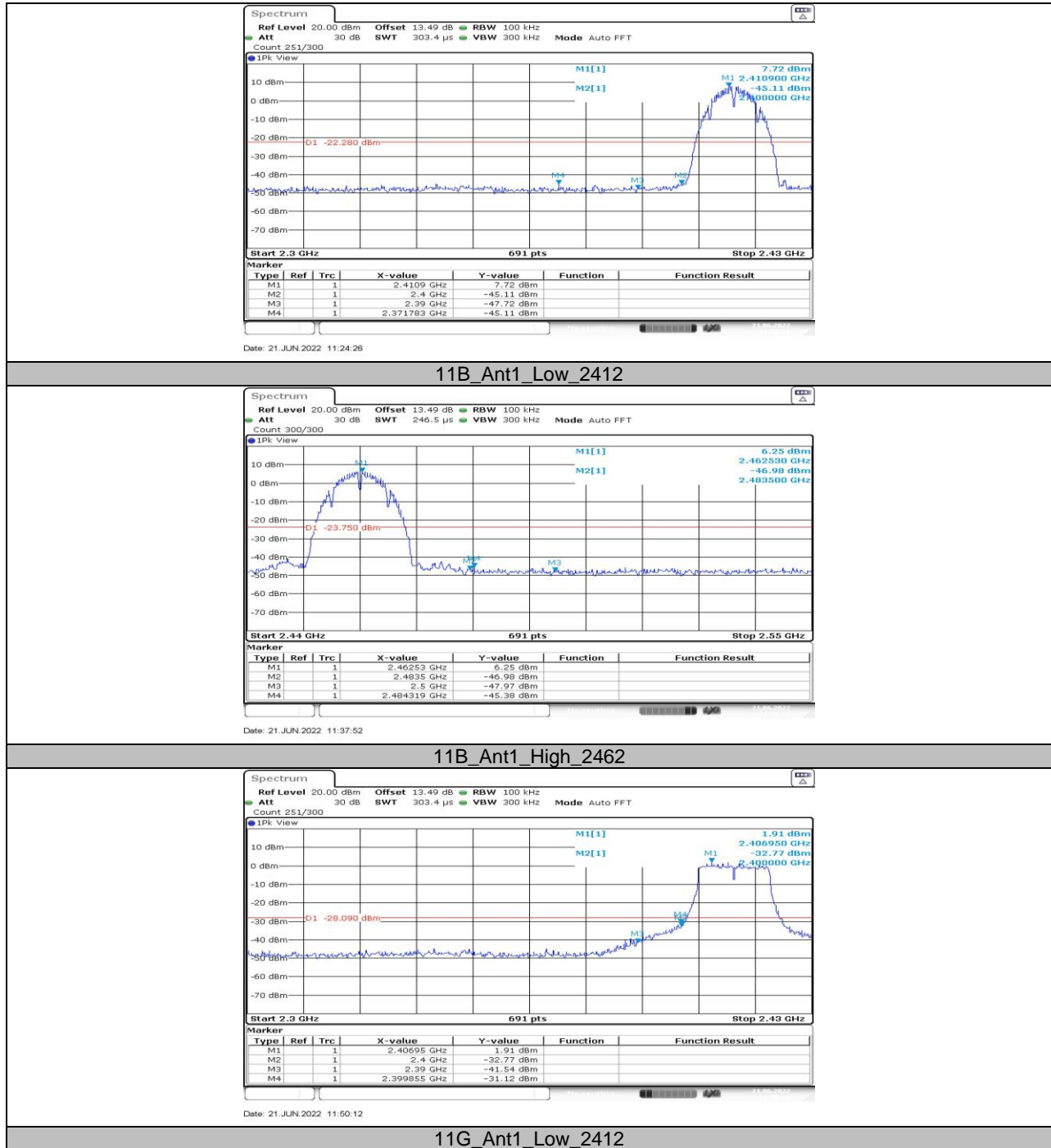
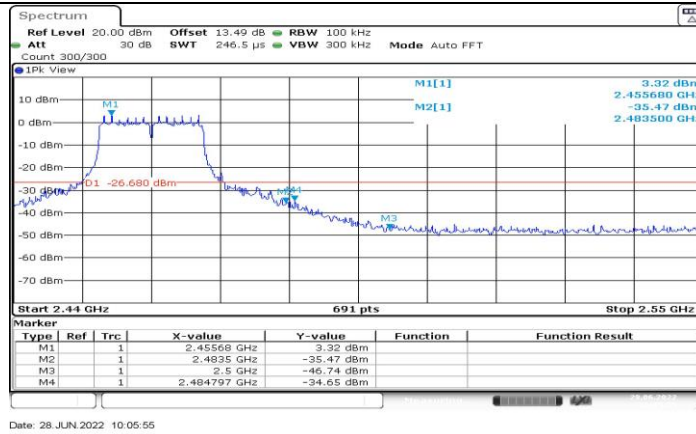
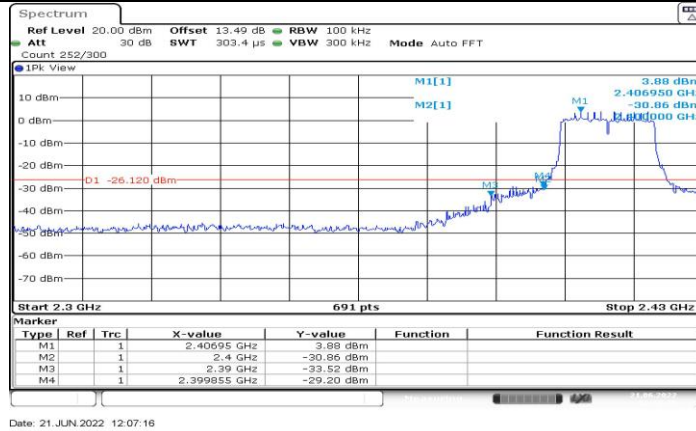


11.5.2. Test Graphs

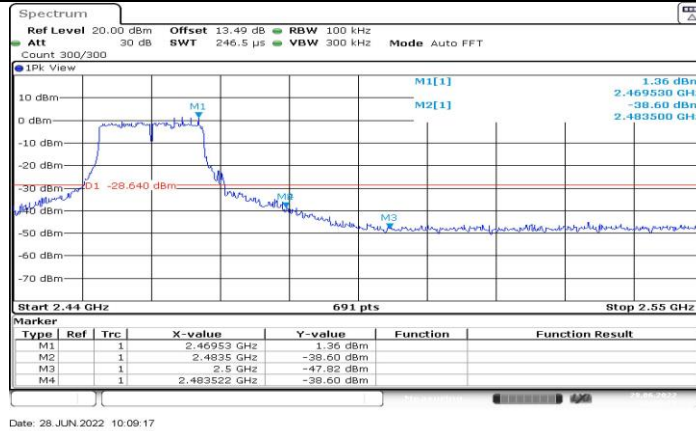




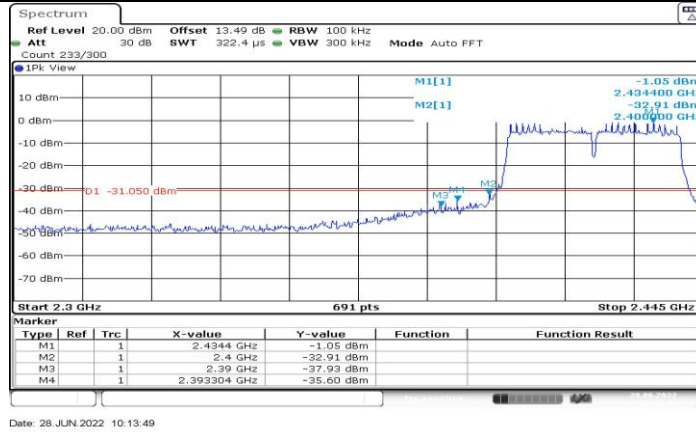
11G_Ant1_High_2462



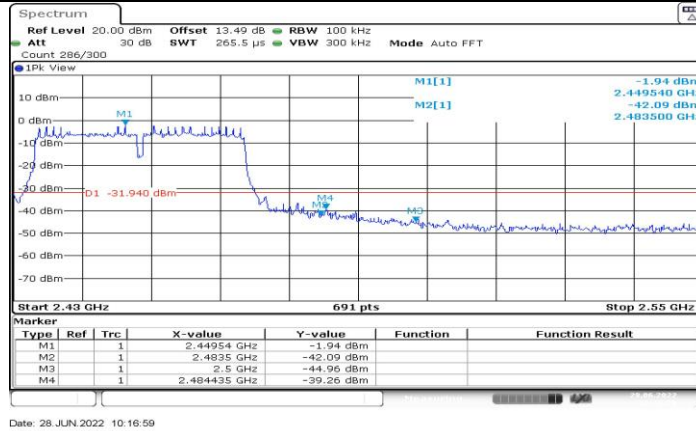
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422

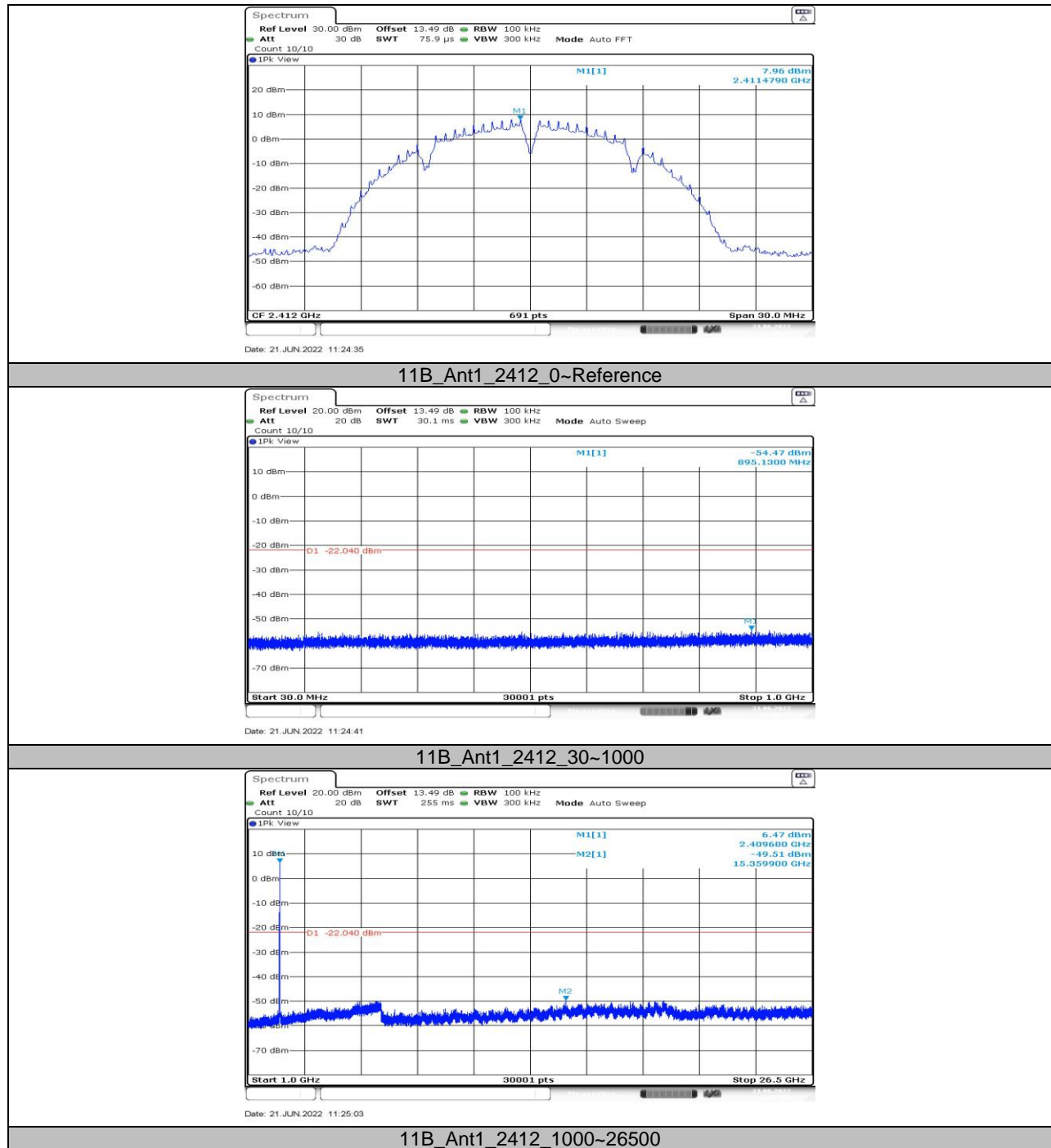


11N40SISO_Ant1_High_2452

**11.6. Appendix F: Conducted Spurious Emission****11.6.1. Test Result**

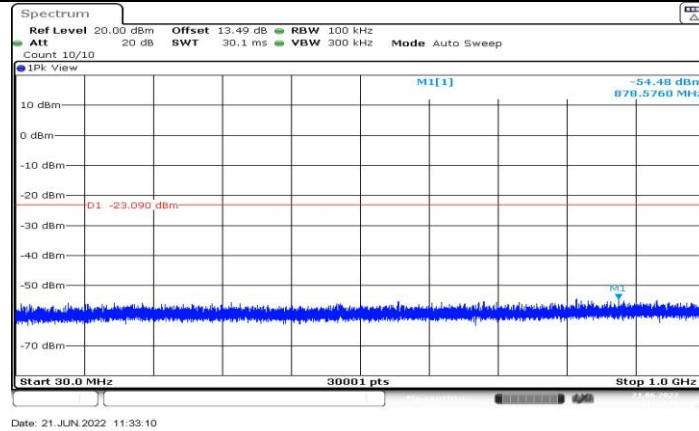
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.96	---	PASS
			30~1000	-54.47	≤-22.04	PASS
			1000~26500	-49.51	≤-22.04	PASS
		2437	Reference	6.91	---	PASS
			30~1000	-54.48	≤-23.09	PASS
			1000~26500	-48.75	≤-23.09	PASS
		2462	Reference	7.35	---	PASS
			30~1000	-54.14	≤-22.65	PASS
			1000~26500	-49.1	≤-22.65	PASS
11G	Ant1	2412	Reference	2.79	---	PASS
			30~1000	-54.48	≤-27.21	PASS
			1000~26500	-49.32	≤-27.21	PASS
		2437	Reference	2.57	---	PASS
			30~1000	-54.37	≤-27.43	PASS
			1000~26500	-49.4	≤-27.43	PASS
		2462	Reference	3.21	---	PASS
			30~1000	-54.55	≤-26.79	PASS
			1000~26500	-49.3	≤-26.79	PASS
11N20SISO	Ant1	2412	Reference	2.49	---	PASS
			30~1000	-54.64	≤-27.51	PASS
			1000~26500	-49.67	≤-27.51	PASS
		2437	Reference	2.63	---	PASS
			30~1000	-54.77	≤-27.37	PASS
			1000~26500	-49.33	≤-27.37	PASS
		2462	Reference	1.86	---	PASS
			30~1000	-54.3	≤-28.14	PASS
			1000~26500	-48.72	≤-28.14	PASS
11N40SISO	Ant1	2422	Reference	-0.91	---	PASS
			30~1000	-53.44	≤-30.91	PASS
			1000~26500	-48.11	≤-30.91	PASS
		2437	Reference	-0.14	---	PASS
			30~1000	-51.48	≤-30.14	PASS
			1000~26500	-48.95	≤-30.14	PASS
		2452	Reference	-1.94	---	PASS
			30~1000	-53	≤-31.94	PASS
			1000~26500	-48.79	≤-31.94	PASS

11.6.2. Test Graphs

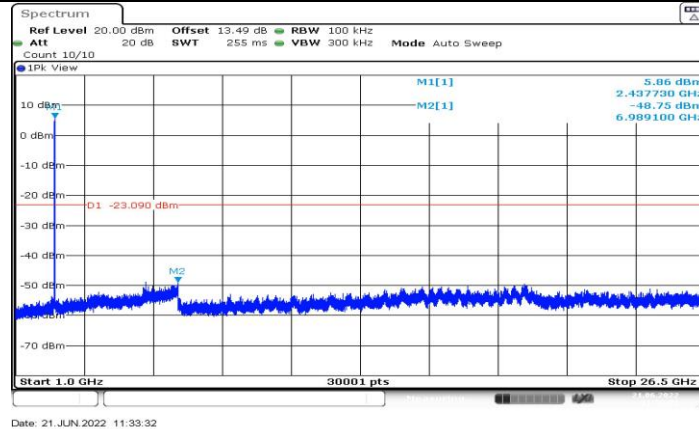




11B_Ant1_2437_0~Reference



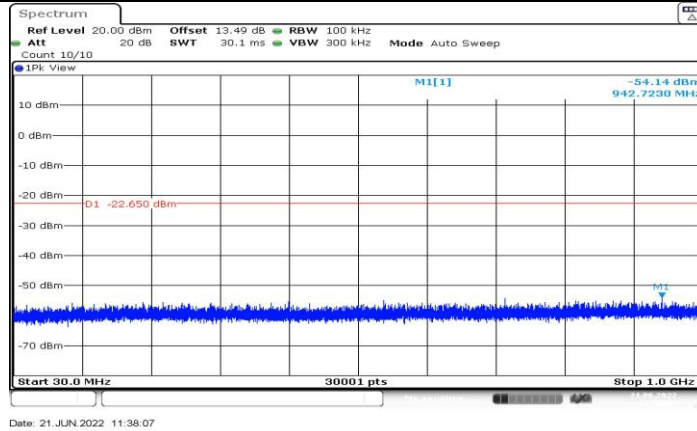
11B_Ant1_2437_30~1000



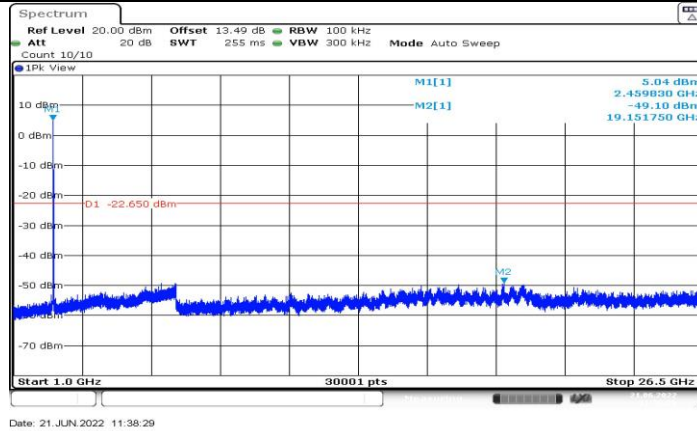
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



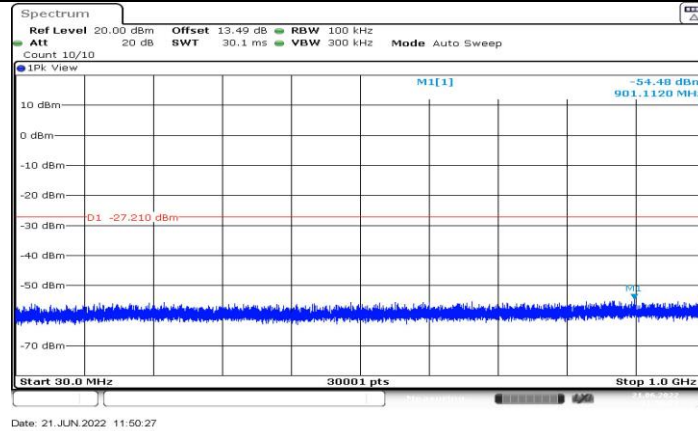
11B_Ant1_2462_30~1000



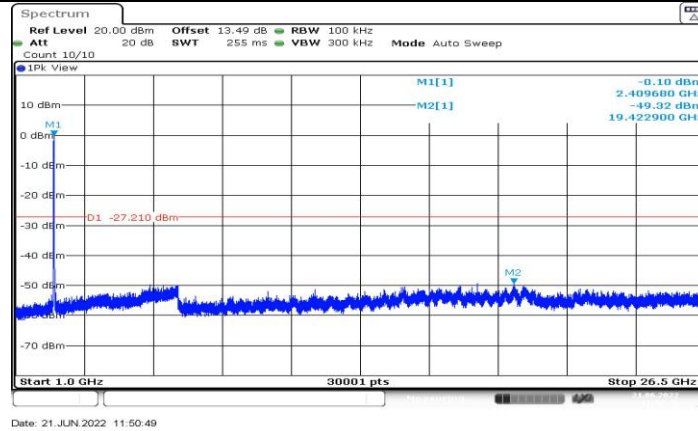
11B_Ant1_2462_1000~26500



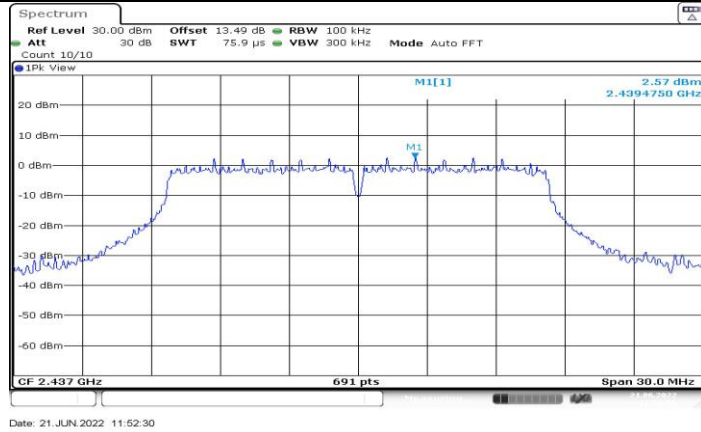
11G_Ant1_2412_0~Reference



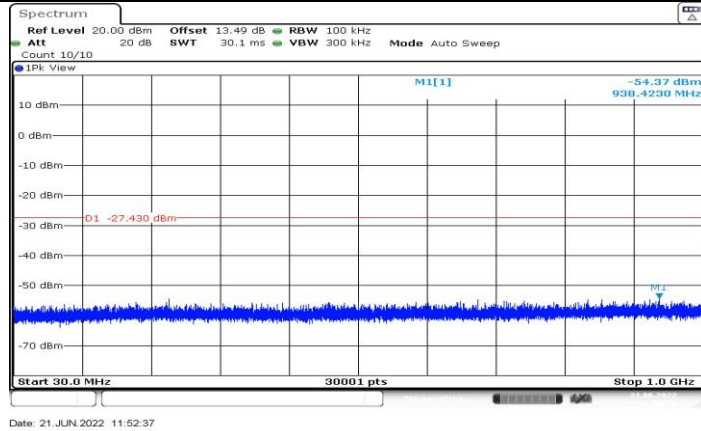
11G_Ant1_2412_30~1000



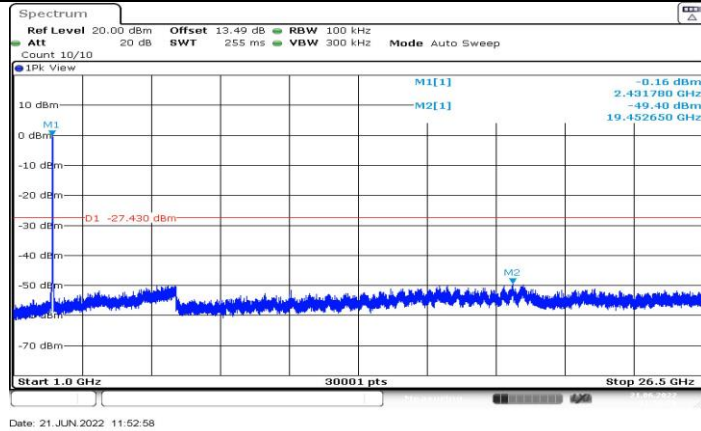
11G_Ant1_2412_1000~26500



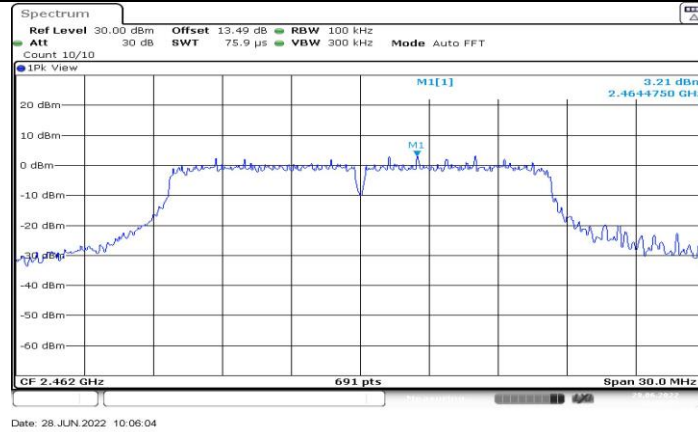
11G_Ant1_2437_0~Reference



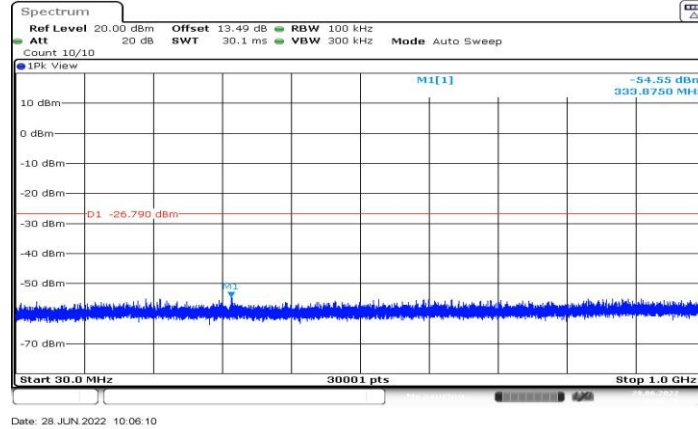
11G_Ant1_2437_30~1000



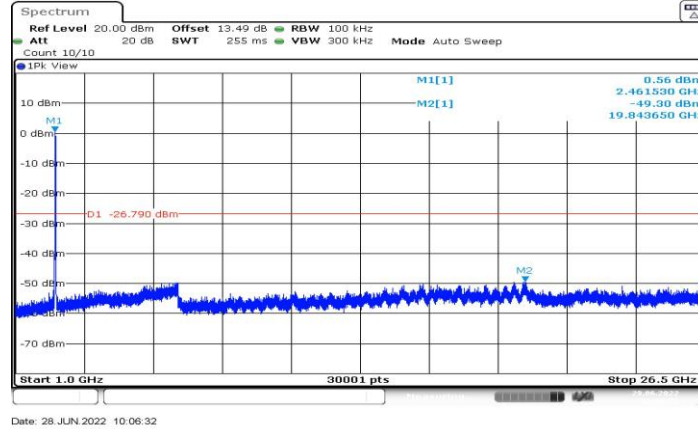
11G_Ant1_2437_1000~26500



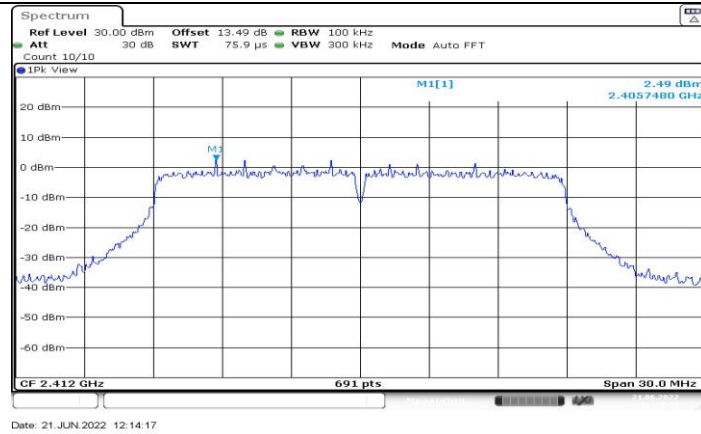
11G_Ant1_2462_0-Reference



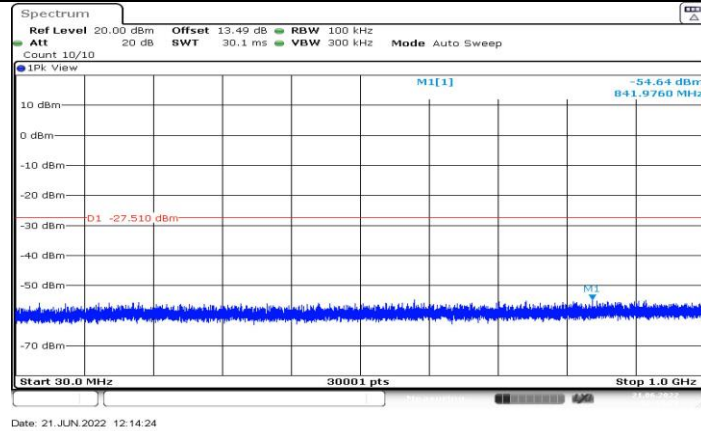
11G_Ant1_2462_30-1000



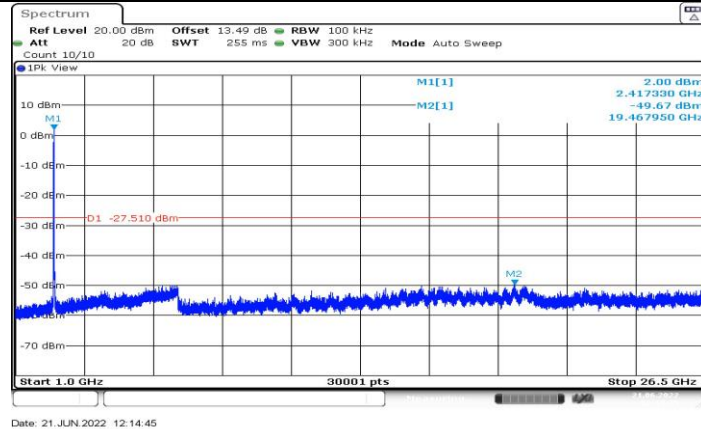
11G_Ant1_2462_1000-26500



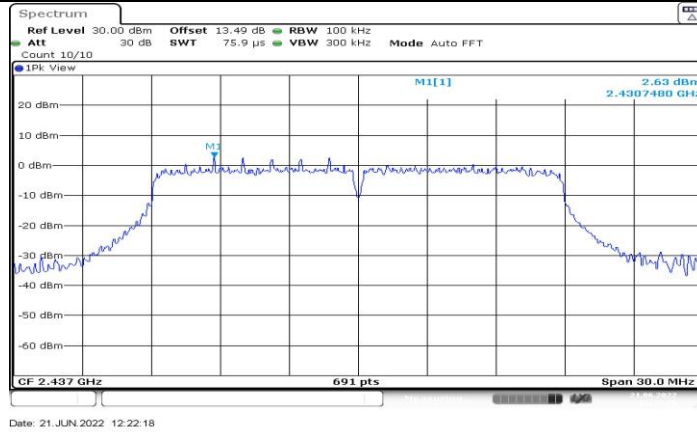
11N20SISO_Ant1_2412_0~Reference



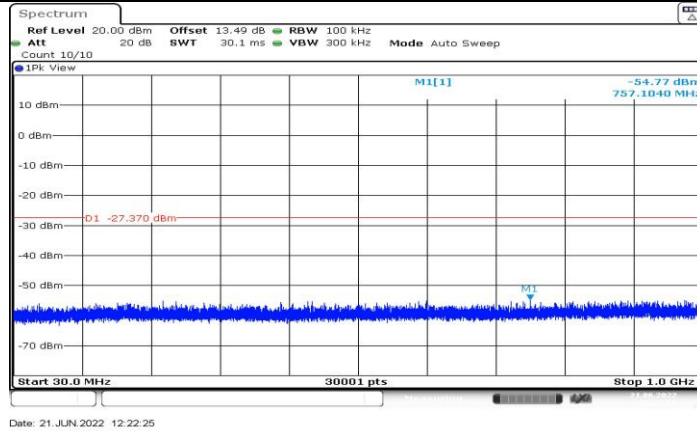
11N20SISO_Ant1_2412_30~1000



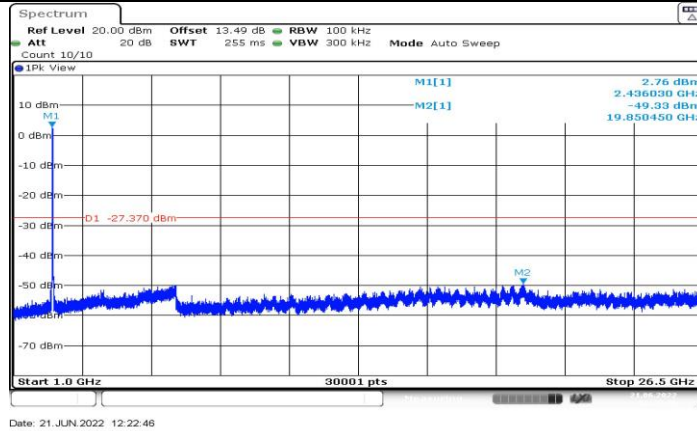
11N20SISO_Ant1_2412_1000~26500



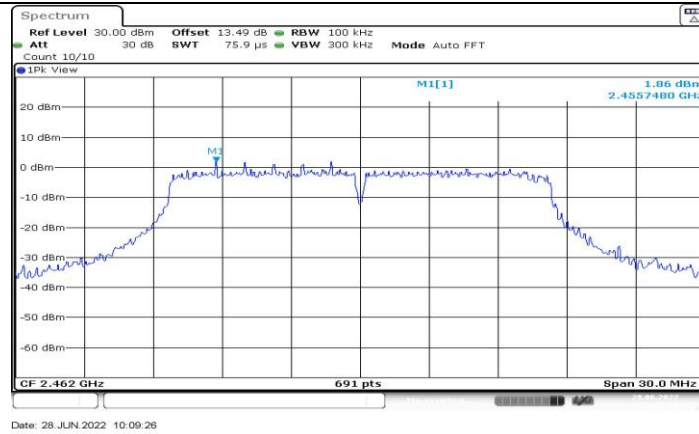
11N20SISO_Ant1_2437_0~Reference



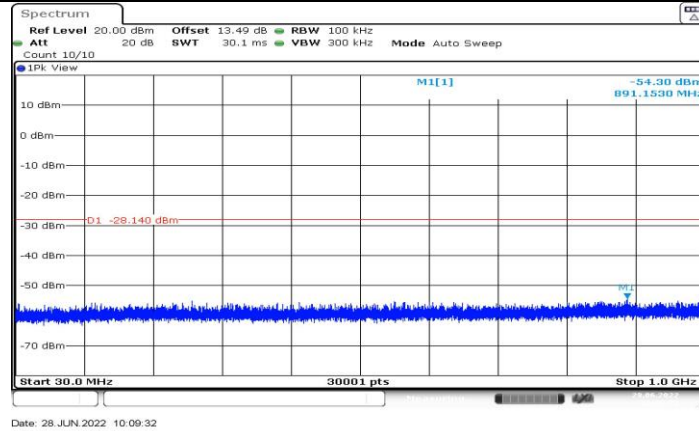
11N20SISO_Ant1_2437_30~1000



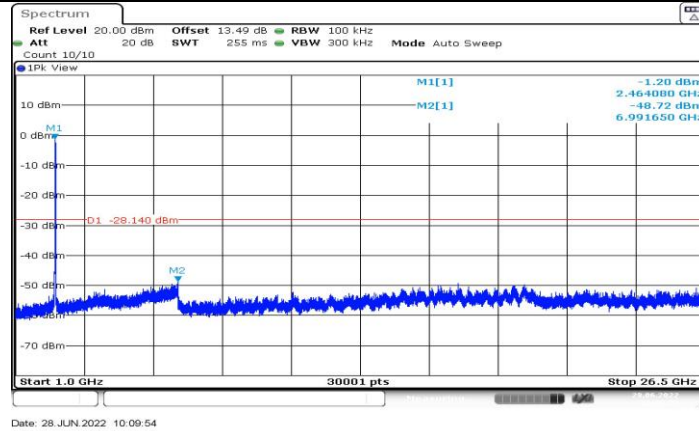
11N20SISO_Ant1_2437_1000~26500



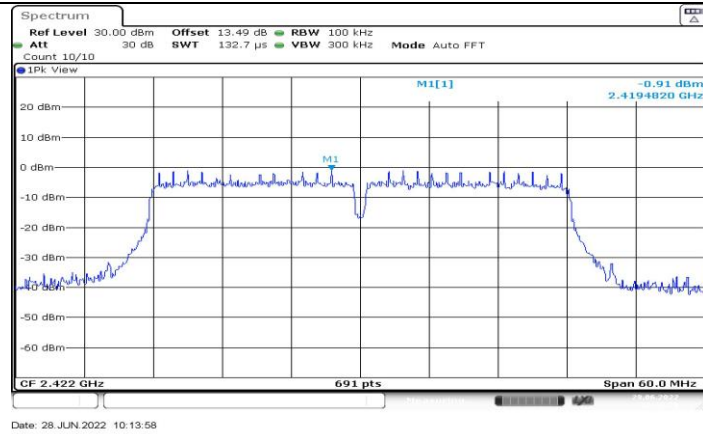
11N20SISO_Ant1_2462_0~Reference



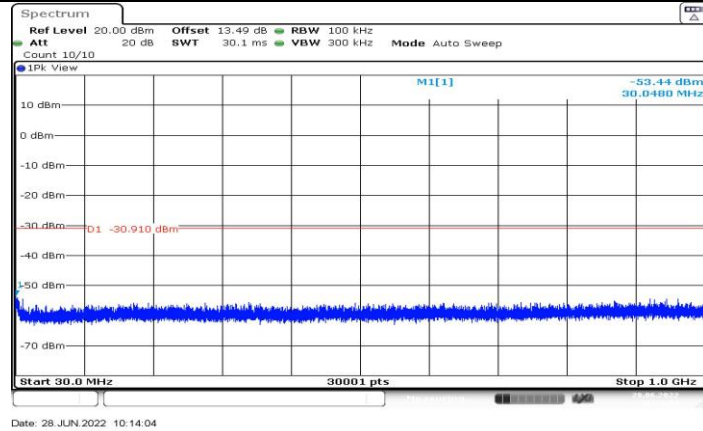
11N20SISO_Ant1_2462_30~1000



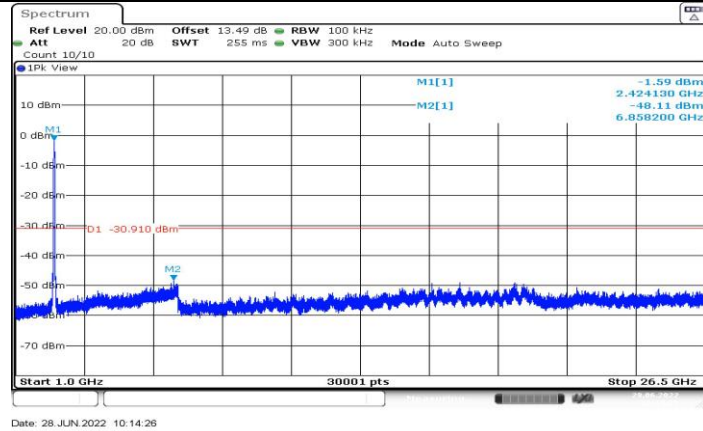
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



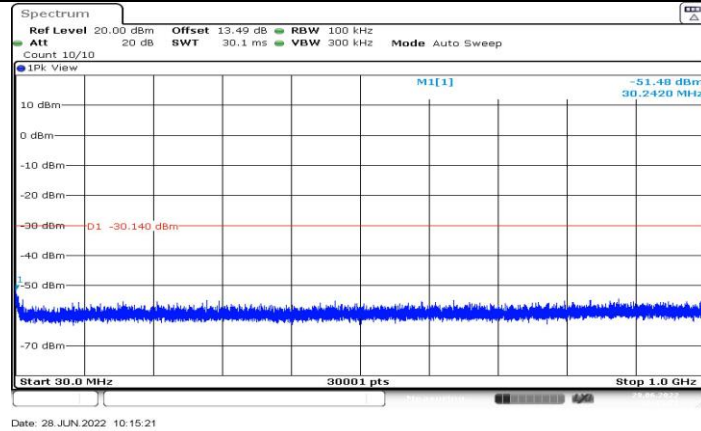
11N40SISO_Ant1_2422_30~1000



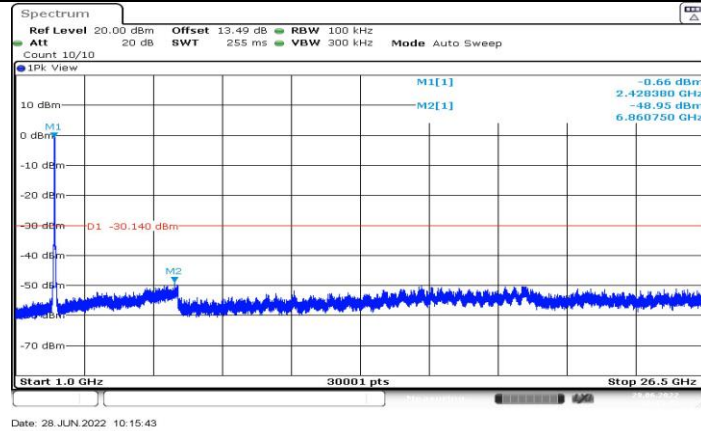
11N40SISO_Ant1_2422_1000~26500



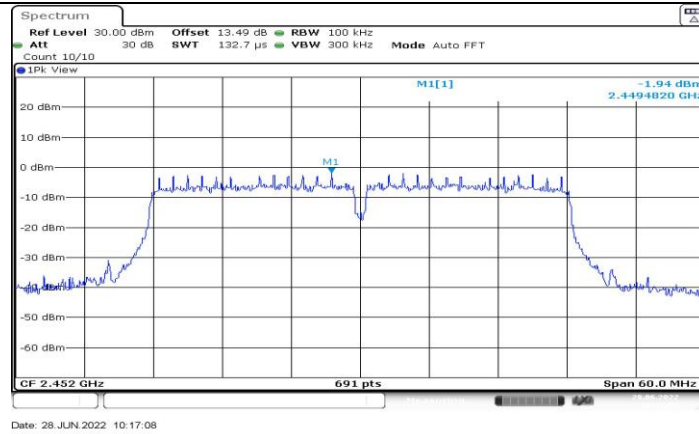
11N40SISO_Ant1_2437_0~Reference



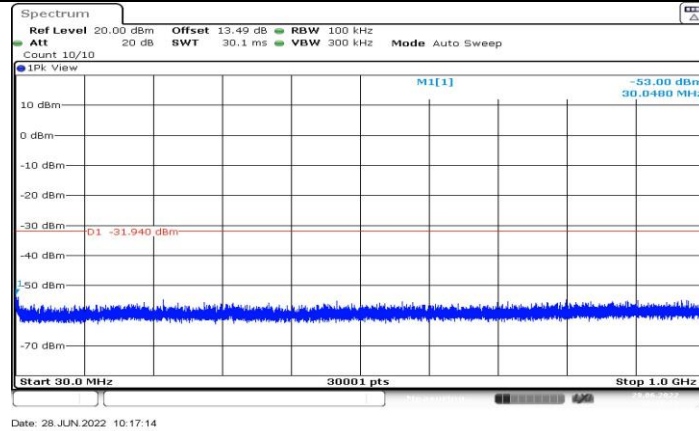
11N40SISO_Ant1_2437_30~1000



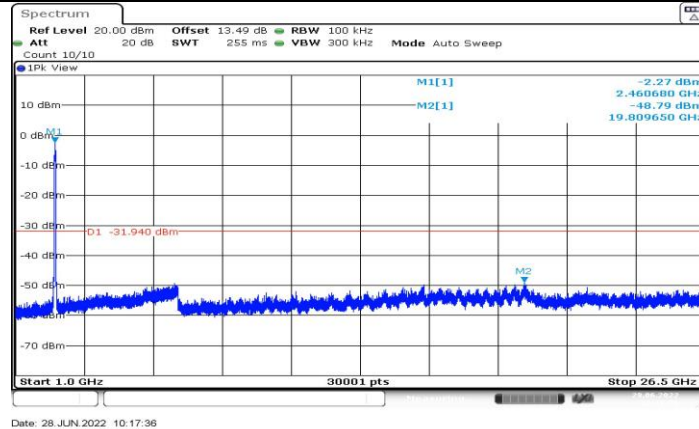
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



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	12.38	12.55	0.9865	98.65	0.06	0.08	0.01
11G	2.06	2.23	0.9238	92.38	0.34	0.49	1
11N20SISO	1.92	1.97	0.9746	97.46	0.11	0.52	1
11N40SISO	0.94	1.00	0.9400	94.00	0.27	1.06	2

Note:

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

Where: x is Duty Cycle (Linear)

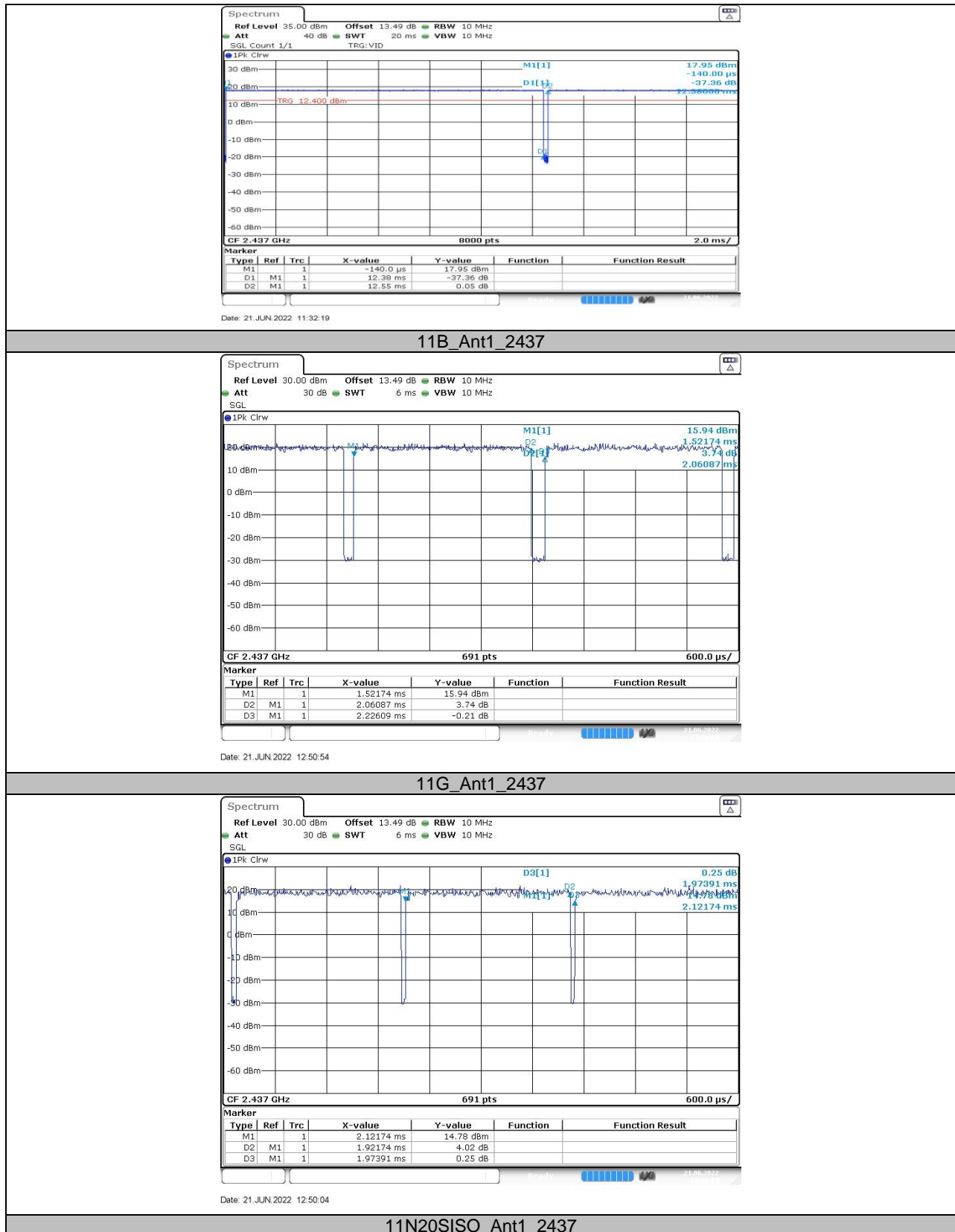
Where: T is On Time

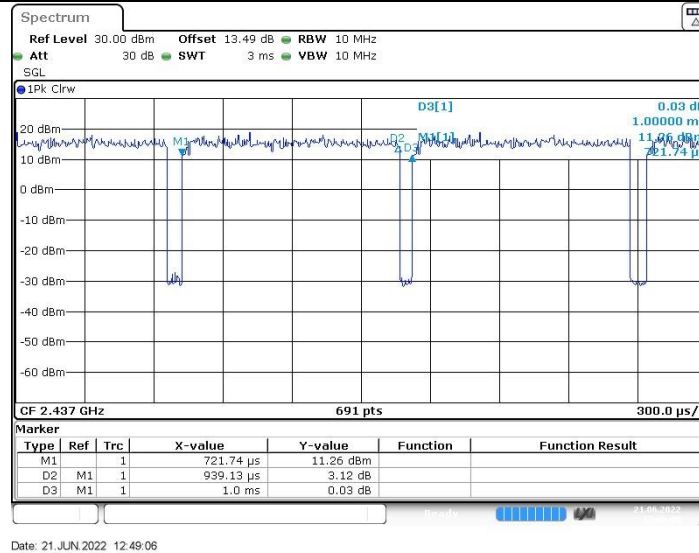
If that calculated VBW is not available on the analyzer then the next higher value should be used.

If the Duty Cycle is greater than or equal to 98%, the VBW should be set to 10 Hz.



11.7.2. Test Graphs





11N40SISO_Ant1_2437

END OF REPORT