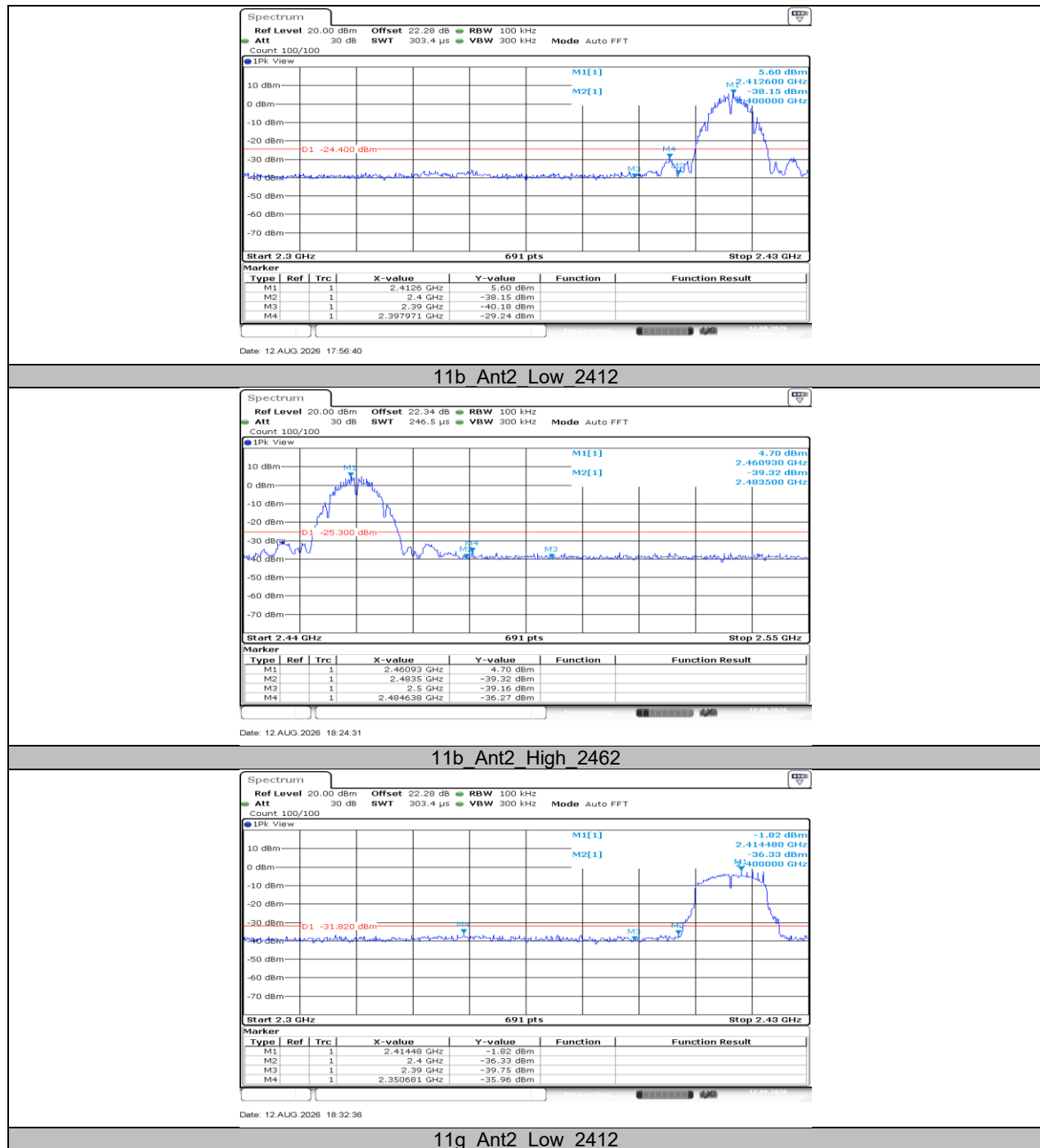
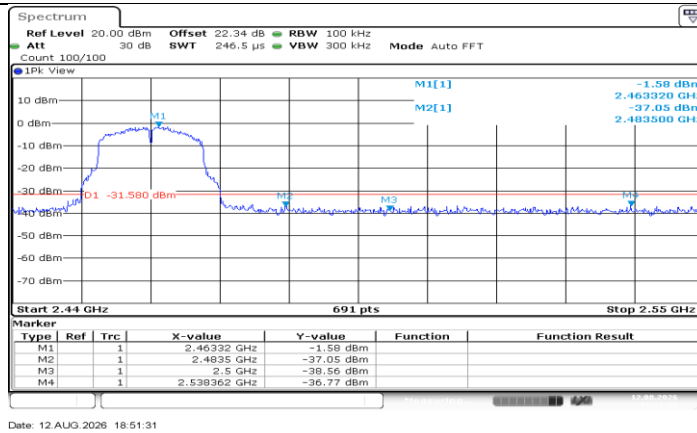
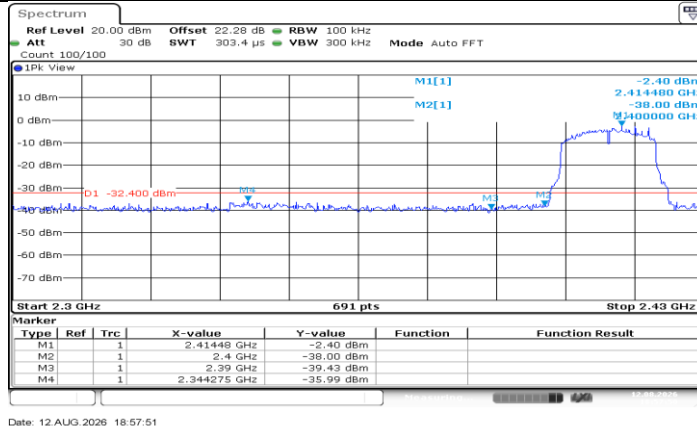


12.5.2. Test Graphs

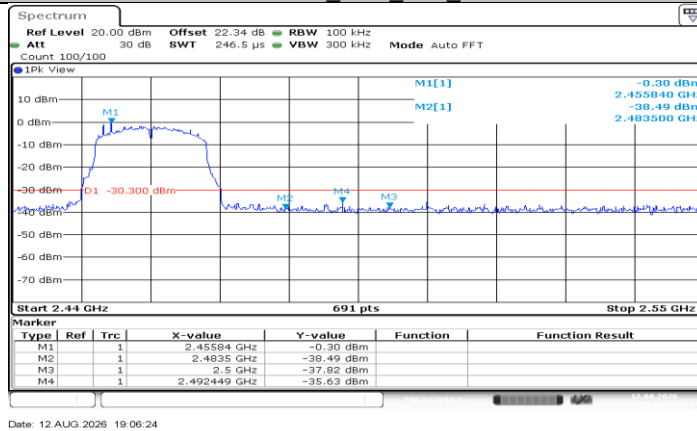




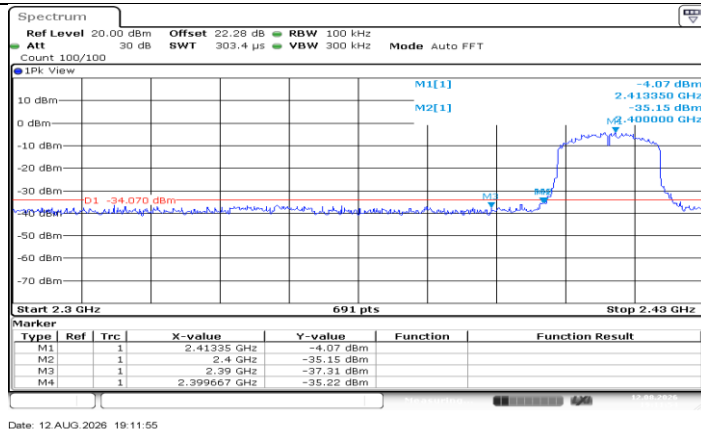
11g_Ant2_High_2462



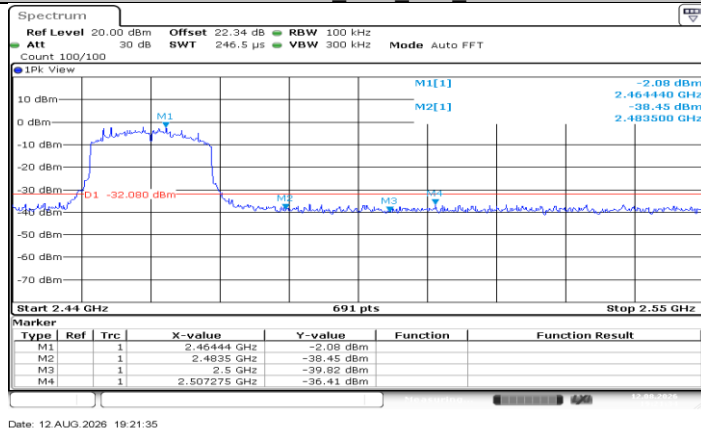
11n20SISO_Ant2_Low_2412



11n20SISO_Ant2_High_2462



11ax20SISO_Ant2_Low_2412



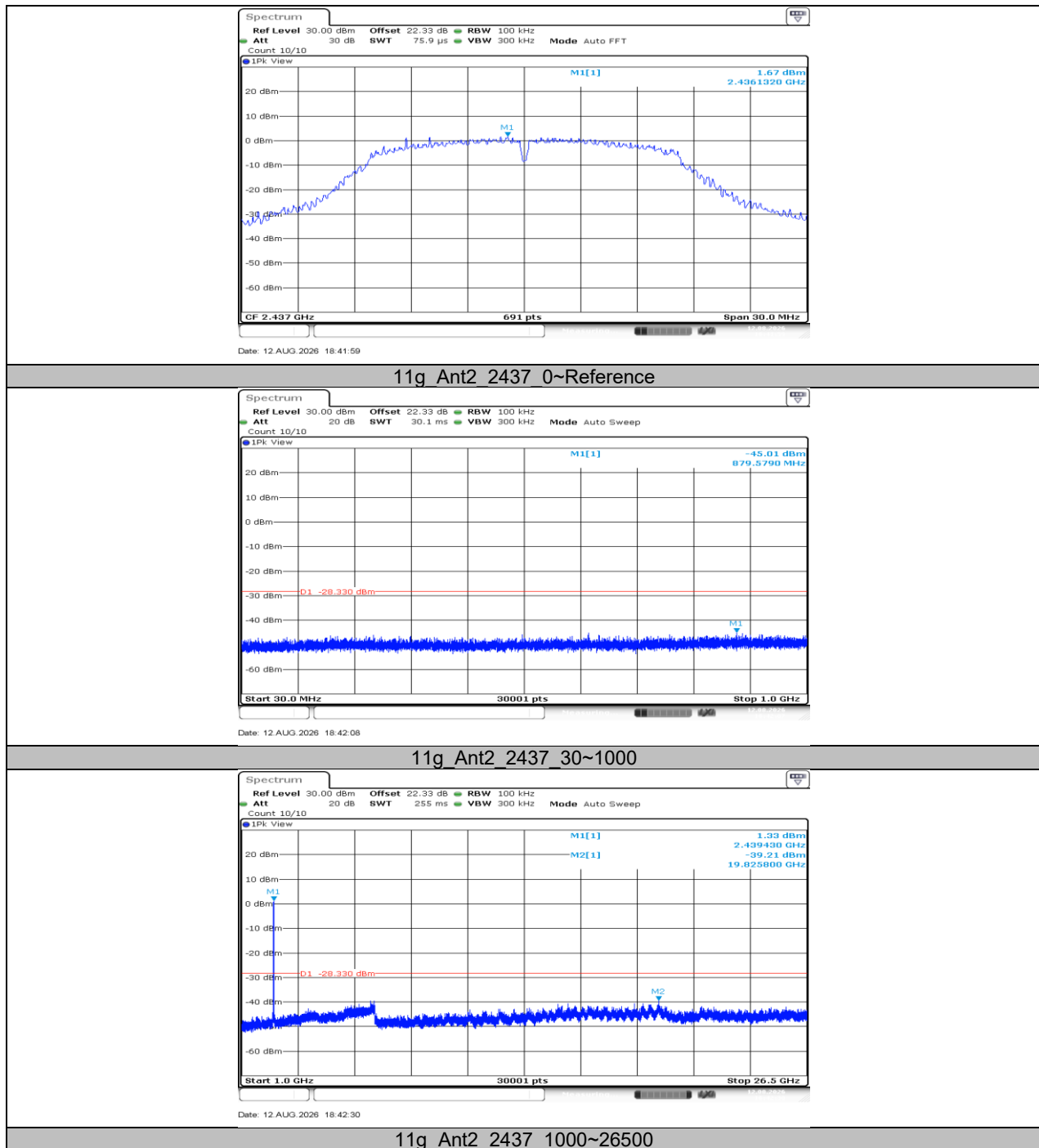
11ax20SISO_Ant2_High_2462

12.6. APPENDIX F2: CONDUCTED SPURIOUS EMISSION

12.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11b	Ant2	2412	Reference	5.72	---	PASS
			30~1000	-45.19	≤-24.28	PASS
			1000~26500	-38.72	≤-24.28	PASS
		2437	Reference	5.87	---	PASS
			30~1000	-45.35	≤-24.13	PASS
			1000~26500	-40.19	≤-24.13	PASS
		2462	Reference	5.18	---	PASS
			30~1000	-44.87	≤-24.82	PASS
			1000~26500	-39.64	≤-24.82	PASS
11g	Ant2	2412	Reference	-2.98	---	PASS
			30~1000	-44.84	≤-32.98	PASS
			1000~26500	-39.94	≤-32.98	PASS
		2437	Reference	1.67	---	PASS
			30~1000	-45.01	≤-28.33	PASS
			1000~26500	-39.21	≤-28.33	PASS
		2462	Reference	-1.22	---	PASS
			30~1000	-45.14	≤-31.22	PASS
			1000~26500	-40.04	≤-31.22	PASS
11n20SISO	Ant2	2412	Reference	-2.80	---	PASS
			30~1000	-44.78	≤-32.8	PASS
			1000~26500	-39.46	≤-32.8	PASS
		2437	Reference	1.40	---	PASS
			30~1000	-44.97	≤-28.6	PASS
			1000~26500	-40.2	≤-28.6	PASS
		2462	Reference	-0.14	---	PASS
			30~1000	-44.95	≤-30.14	PASS
			1000~26500	-40.34	≤-30.14	PASS
11ax20SISO	Ant2	2412	Reference	-2.77	---	PASS
			30~1000	-45.49	≤-32.77	PASS
			1000~26500	-39.5	≤-32.77	PASS
		2437	Reference	2.01	---	PASS
			30~1000	-45.3	≤-27.99	PASS
			1000~26500	-40.5	≤-27.99	PASS
		2462	Reference	-2.35	---	PASS
			30~1000	-45.62	≤-32.35	PASS
			1000~26500	-39.94	≤-32.35	PASS

12.6.2. Test Graphs



Note:

1. Only the worst data plots were reported to show setting parameter compliance with testing method/procedure.
2. RBW setting to 100kHz is used in all modes on Conducted Spurious Emission test.

12.7. APPENDIX G2: DUTY CYCLE**12.7.1. 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	28.42	28.47	0.9982	99.82	0.01	N/A	0.01
11g	4.72	4.79	0.9854	98.54	0.06	N/A	0.01
11n20SISO	4.04	4.1	0.9854	98.54	0.06	N/A	0.01
11ax20SISO	4.02	4.08	0.9853	98.53	0.06	N/A	0.01

Note:

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

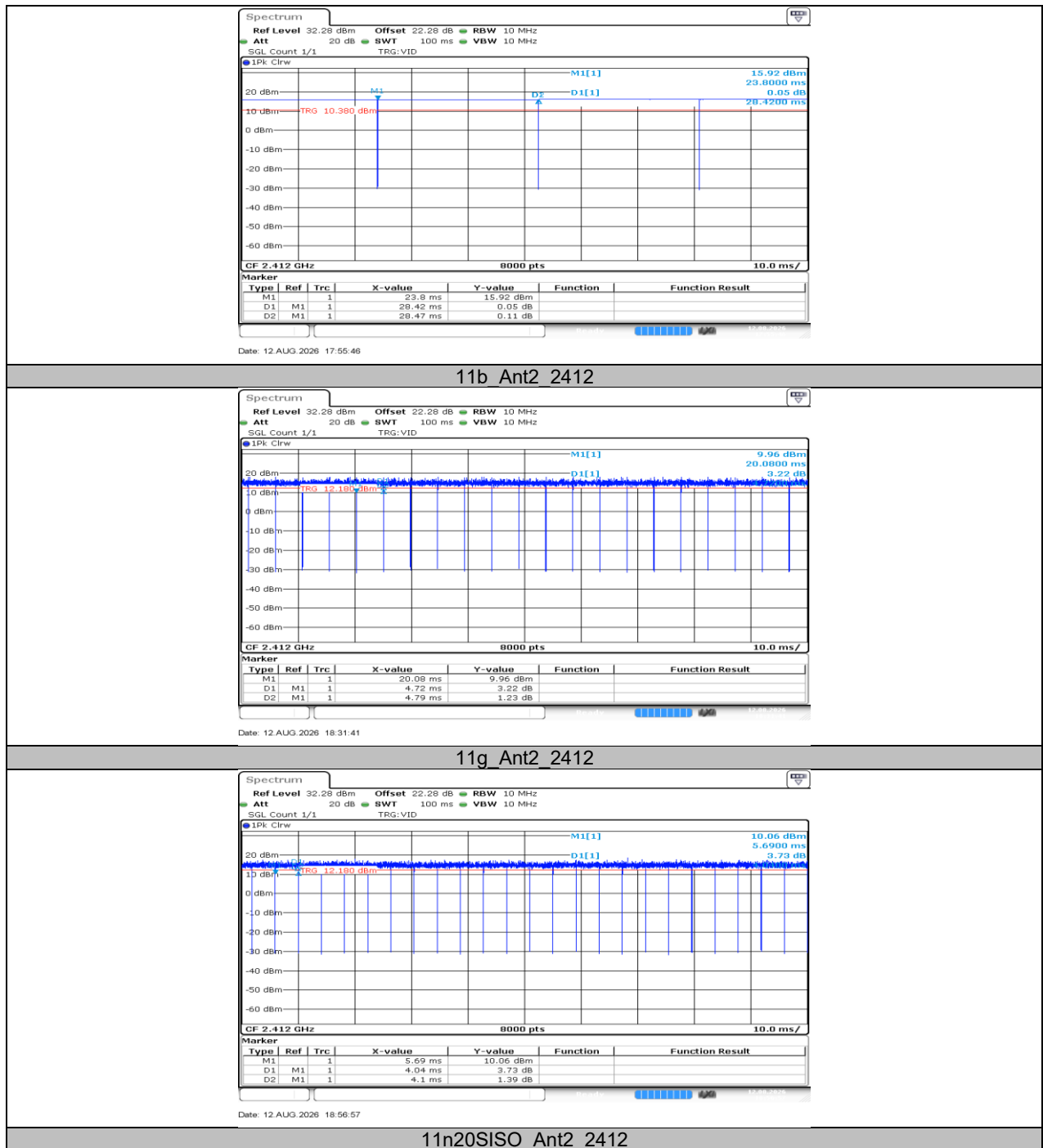
Where: x is Duty Cycle (Linear)

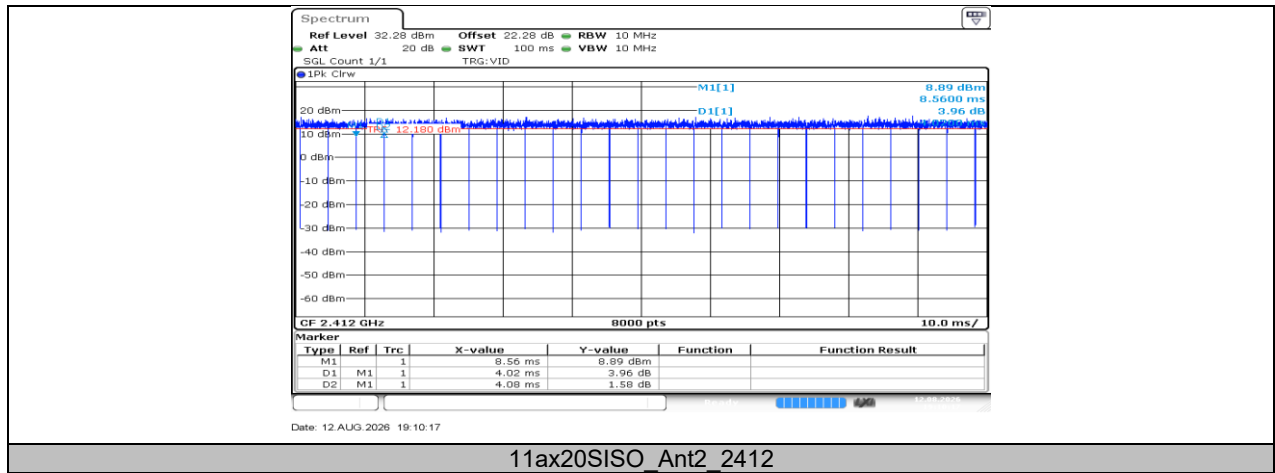
Where: T is On Time

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

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

12.7.2. Test Graphs





END OF REPORT