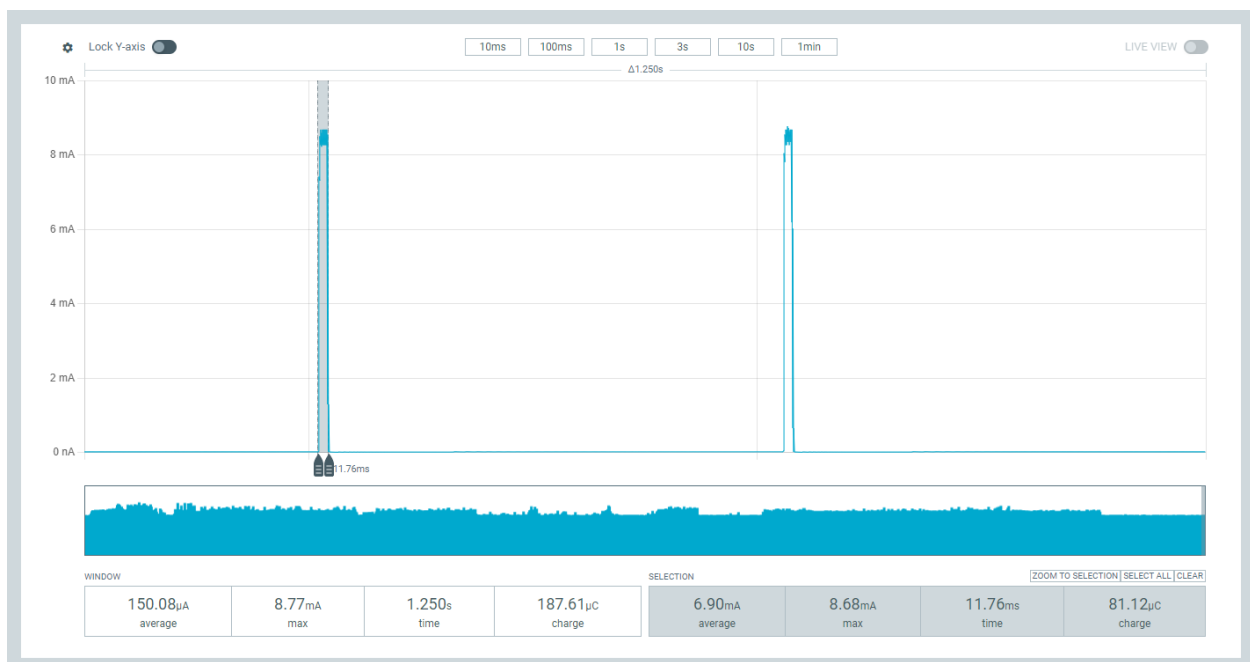
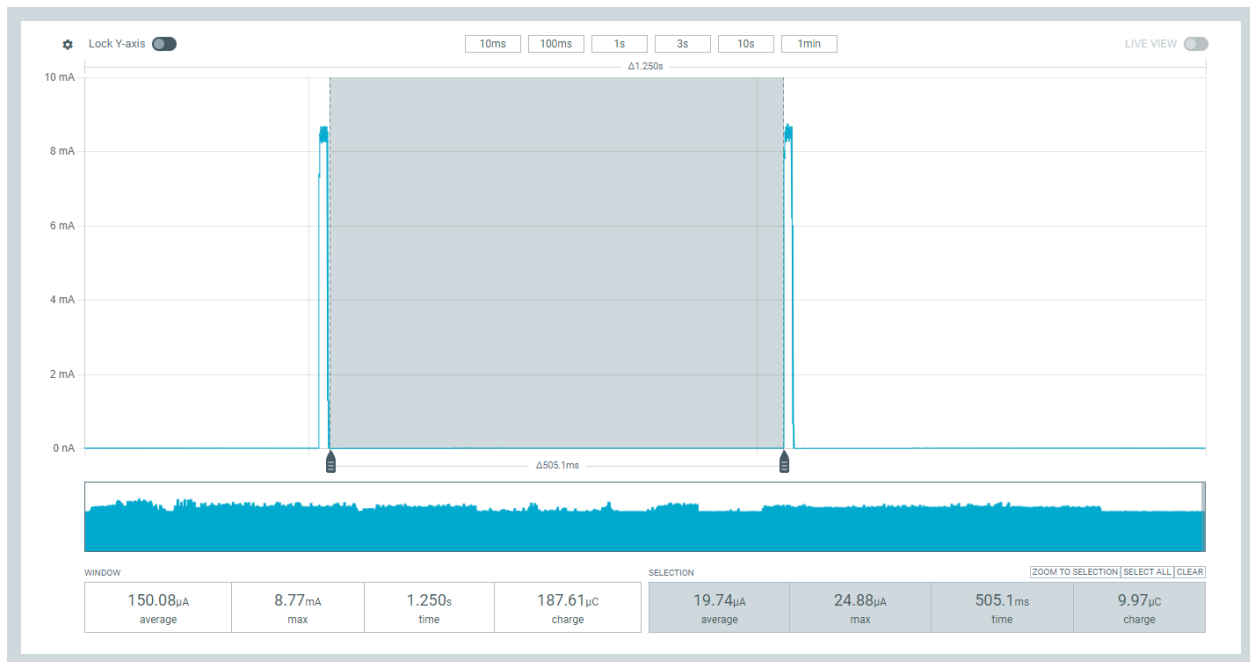


Node: One complete duty cycle



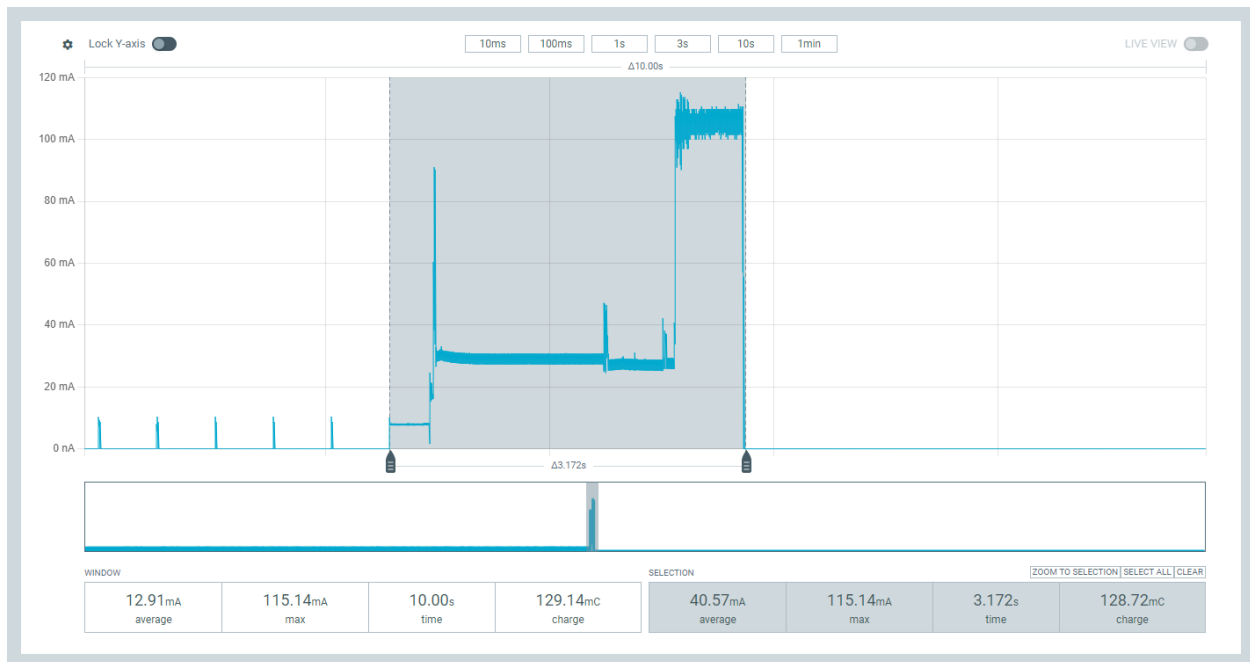
Node: Active portion of one duty cycle



Node: Sleep portion of one duty cycle



Node: Wake timer expires after 14 minutes



Node: Receiving Wake on radio and timestamp

Parameter	Value	Notes
Active period	3.17 s	WOR wake + processing
Peak current	115 mA	ESP32 + SX1262 TX/RX
Sleep %	98.6 %	Excellent WOR duty cycle
Average (10 s window)	12.9 mA	dominated by 3 s burst
Effective average (15 min cycle)	≈45 μA	superb battery runtime