

Current consumption diagram for LimiTter

Code version: 1701201513

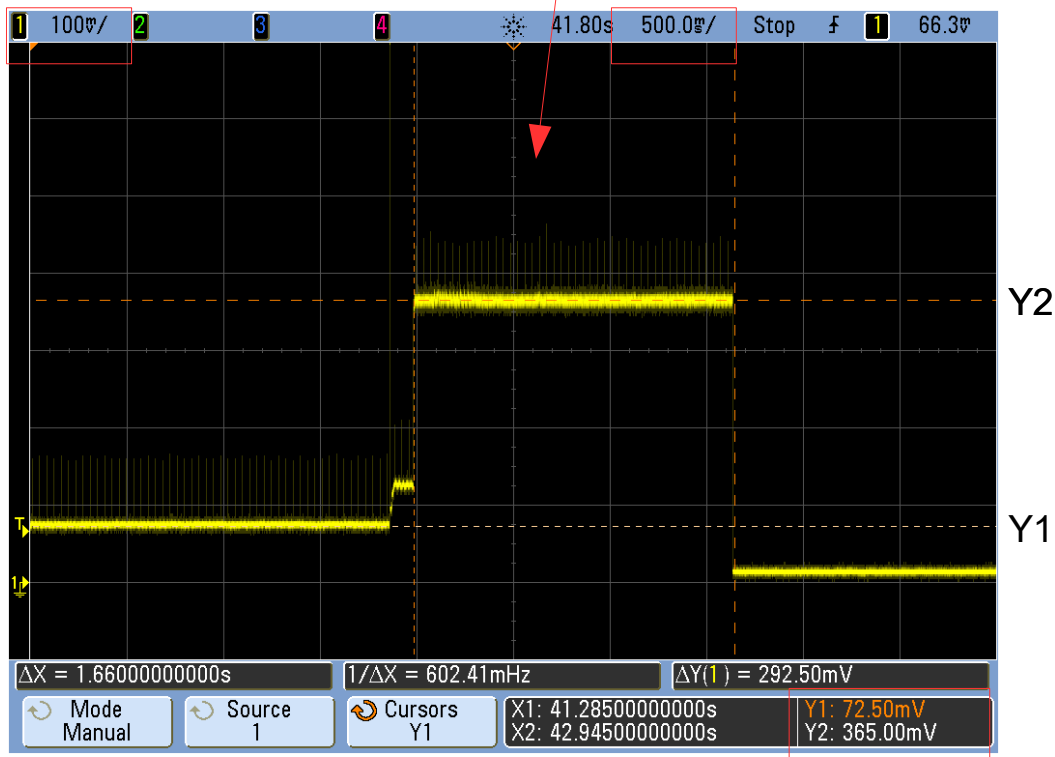
Total Power consumption per 24 hrs:

- Sleep mode current = 0.75 mA @ 20.6 hrs
- Active + BLE = 10.5 mA @ 3.3 hrs
- Active + BLE + NFC = 40 mA @ 0.1 hr

Result:

$$(15.5 + 34.7 + 4) \text{ mAh} = 54.2 \text{ mAh}$$

Note: In both active modes there where allowance made for additional current pulses with an average value of 3 mA



Conditions:

- Battery voltage = 4.0 V
- Ground reference see symbol 1 on left scale
- Vertical scale is 100mV per division
- Horizontal scale:
 - upper: 10 sec per division
 - lower : 500 ms per division
- Current value derived by voltage / 10 .
Example : 365 mV = 36.5 mA

- Important note:

Currents in non sleep mode are considerably higher when no sensor is present !!