

The gauge will reset (ITPOR = 1) if:

- the supply voltage drops below the POR threshold (=voltage on LDO drops)
- a reset command was issued
- the WDT caused a reset
- the gauge is defective

Did they connect anything other than the 2.2uF capacitor to VDD (LDO output)?

The gauge uses the capacitor on VDD to provide power to the gauge during sleep. It achieves the 9uA sleep current by shutting down virtually everything and powering the remaining circuits from the capacitor on VDD. It will periodically turn on LDO circuits briefly to charge the capacitor back up to maintain enough charge to keep powering the minimum active circuits during sleep. So if you use a capacitor that's smaller than 2.2uF, the capacitor can be depleted too much and the voltage on VDD can drop too low, resetting the gauge when it is sleeping.

If you don't see WDRESET = 1 then the reset wasn't caused by the WDT so your timing is ok.