

# BT/BLE module OFF/PWU during Sleep modes

## BT/BLE module OFF during Sleep modes

Power off sleep mode can be described as the lowest possible power consumption mode where the device can go into power off state.

From the version, 03.28.XX this new functionality includes new parameters:

- **Periodic Wakeup** – if value is greater than zero, device while being in Deep Sleep or Online Deep Sleep, will wake up after defined period for beacon collection. This is mainly should be used when Bluetooth® is disabled in sleep.
- **Bluetooth® On While In Sleep**- by default this parameter value is set to Enable and BT will work as in base functionality. If this value is set to Disable, Bluetooth® will be turned off when device goes to Deep Sleep or Online Deep Sleep and will be turned on during Periodic Wakeup or if device enters normal state.

Sleep Mode ⓘ

Sleep Settings

Disable	GPS Sleep
Deep Sleep	Online Deep Sleep
Ultra Sleep	

Timeout (min)

Periodic Wakeup (min)

Bluetooth On While In Sleep

Disable	Enable
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Note: In case when during scan after wakeup no BLE devices will be found FMB will be active for configured scan duration time in Bluetooth® 4.0 tab. After that timeout FMB will go to sleep state.

Power off sleep mode can be described as the lowest possible power consumption mode where the device can go into power off state and can only wake up if one of the conditions is true:

- Movement is detected by accelerometer (not by the configured movement source);
- External power is applied;
- It is the time to make a new periodic record (new feature);

Please keep a note that Power OFF Sleep will not work if any USB cable is connected to the device.