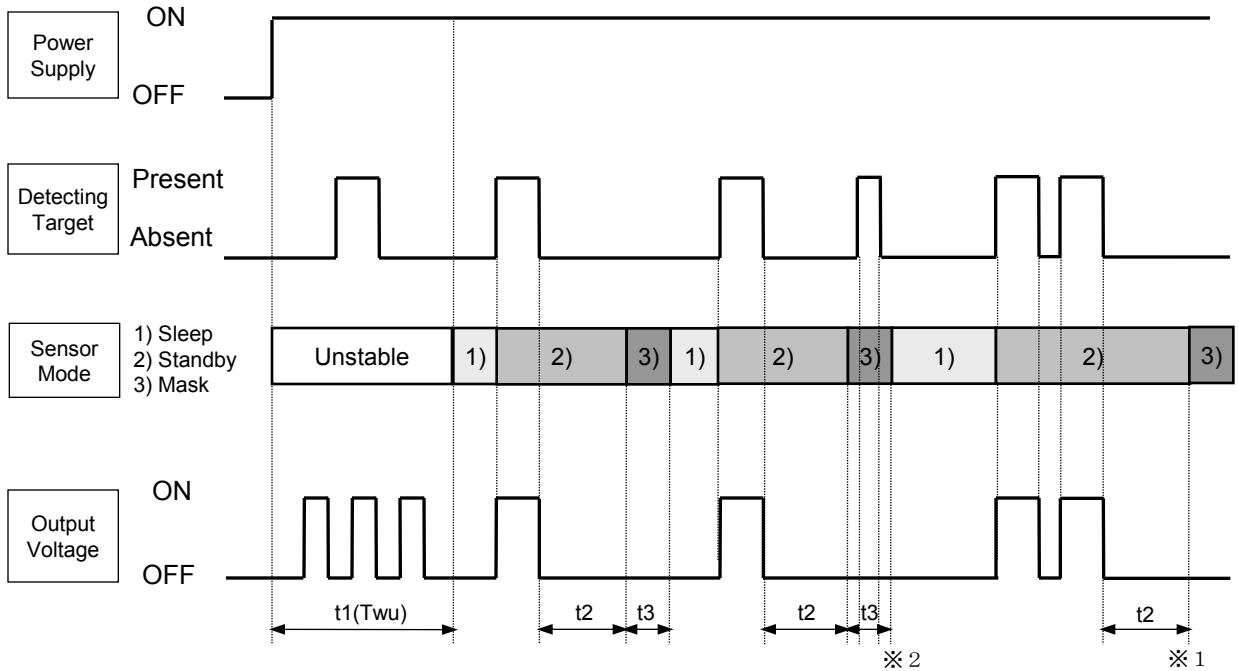


### 4-4 Timing Chart



#### 【Modes】

- 1) Sleep Mode : When the output is OFF. The electrical current consumption is around 1 $\mu$ A.
- 2) Standby Mode : After the sensor's output reached ON status, the sensor switches to standby mode. The electrical current consumption gets close to 1.9 $\mu$ A . When the sensor's output returns to its OFF value after expiration of the "hold time", the sensor switches again to sleep mode.
- 3) Mask Mode : Time during which the output is forced to OFF after the end of the standby mode. (no detection is possible during this period. )

#### 【Durations】

- $t_1(Twu)$  : Circuit Stability Time: About 25s. (typ.)  
 During this stage, the output's status is undefined (ON/OFF) and detection is therefore not guaranteed.
- $t_2$  : Standby Hold Time: About 2.6s (typ.)  
 Depending on the number of output happening during standby mode, the hold time can differ ( $\times 1$ )
- $t_3$  : Mask Time About 1.3s (typ.)  
 During this stage, even if the sensor detects something, output will not switch to ON. ( $\times 2$ )

Product Name

PIR MOTION SENSOR "PaPIRs"

Model No.

EKMB110611 □

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### 4-5 Detection Area

