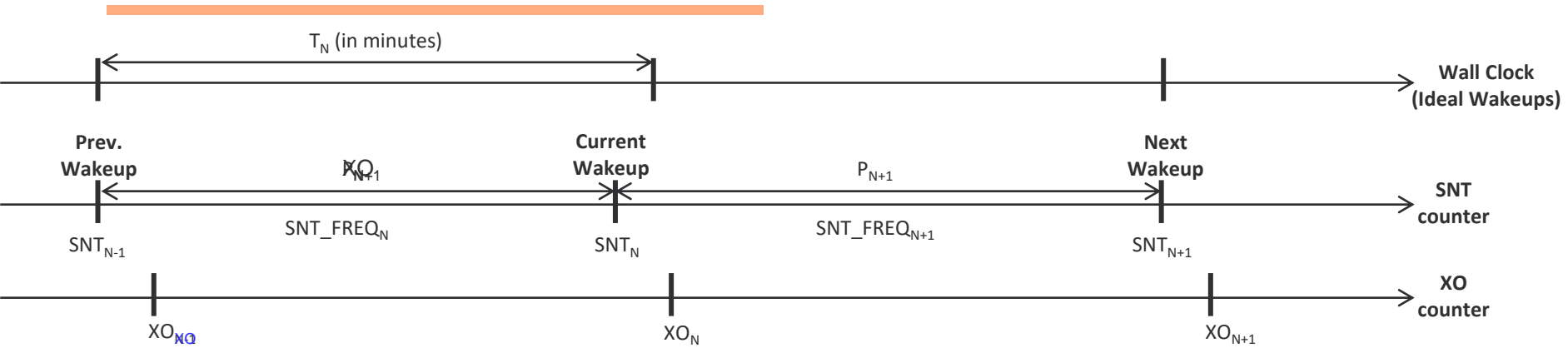


SNT Calibration – v1p09



Current SNT Threshold

Frequency Adjustment

Interval Adjustment

Calculate

Next SNT Threshold

- $$\frac{\left(\frac{(\dots)}{(\dots)} \right)}{(\dots)}$$

- $\frac{1}{2^{28}}$: Needs to be represented as a decimal number. Its value is very close to 1.
 - Use N=28 fixed-point number representation
- $\frac{1}{2^{28}}$, where $\frac{1}{2^{28}}$ using the N=28 fixed-point number representation
 - If
 - $\frac{1}{2^{28}}$ ()
 - If (i.e., [])
 - Calculate () and subtract this from () when calculating
 - () $\left(\frac{\text{---}}{\text{---}} \right)$, where is the -th bit in $\left(\frac{\text{---}}{\text{---}} \right)$

SNT Calibration – v1p09

Final Equations, where $\frac{\text{ } }{\text{ () }}$ (using the decimal number representation)

-
- If :
If :
-

- NOTE:
 - Except , all terms are positive integers
 - is very close to 1.
 - ' ()' is a positive integer.
 - ' ()' is a positive integer.