

**BLUE COIN MESH  
BLUE LITE MESH  
BLUE WATCH MESH  
BATTERY LIFE  
CURVES**



**WIREPAS**

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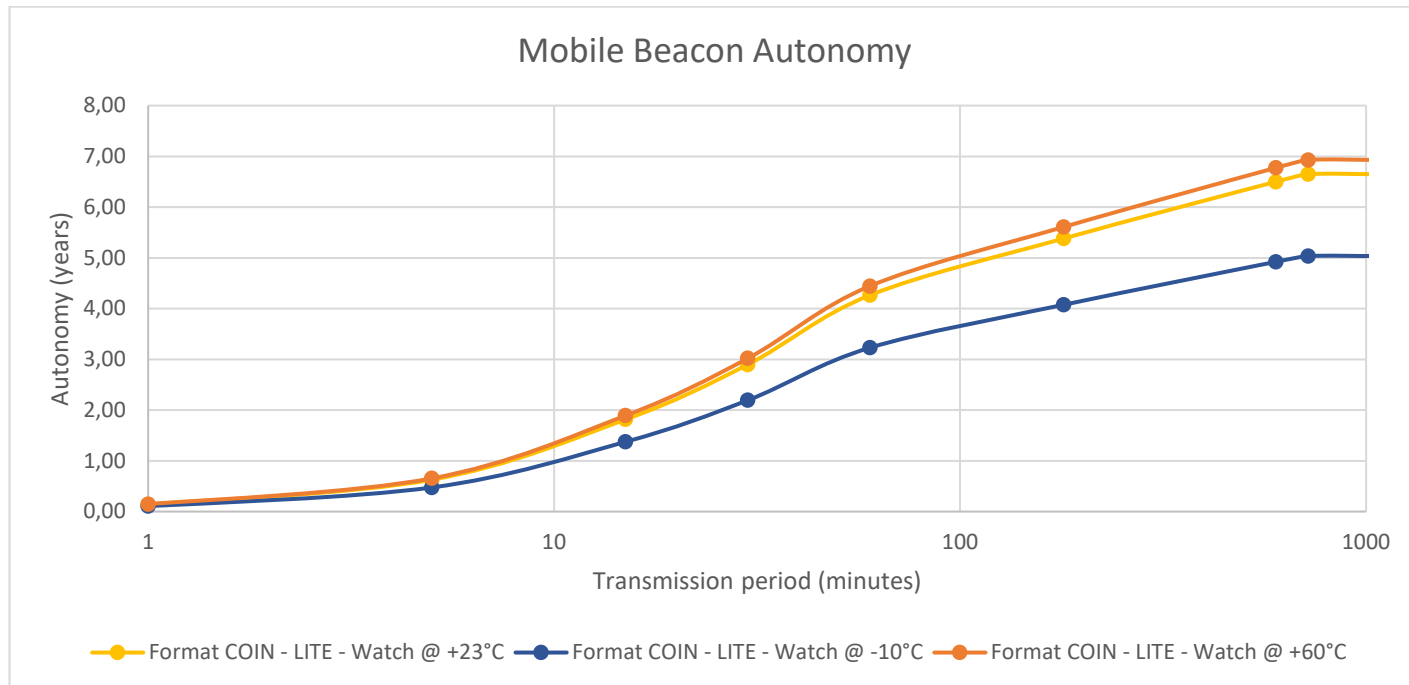
## 1. CONDITIONS

The autonomy measurements in this document were carried out with the following input parameters:

- **Products:** BLUE COIN ID+ MESH – BLUE LITE ID+ MESH – BLUE WATCH ID+ MESH
  
- **Mode :**
  - Mobile Beacon
  
- **Transmission period :**
  - From 1 minute to 18 heures.
  
- **Network connection :**
  - Measurements carried out on objects activated and connected to a Wirepas MESH network.
  
- **Self-discharge :**
  - A 10% battery capacity discount is applied in the autonomy calculation. The battery's self-discharge, and the intrinsic lifespan of its chemical content, limit its use to 20 years, including in storage.

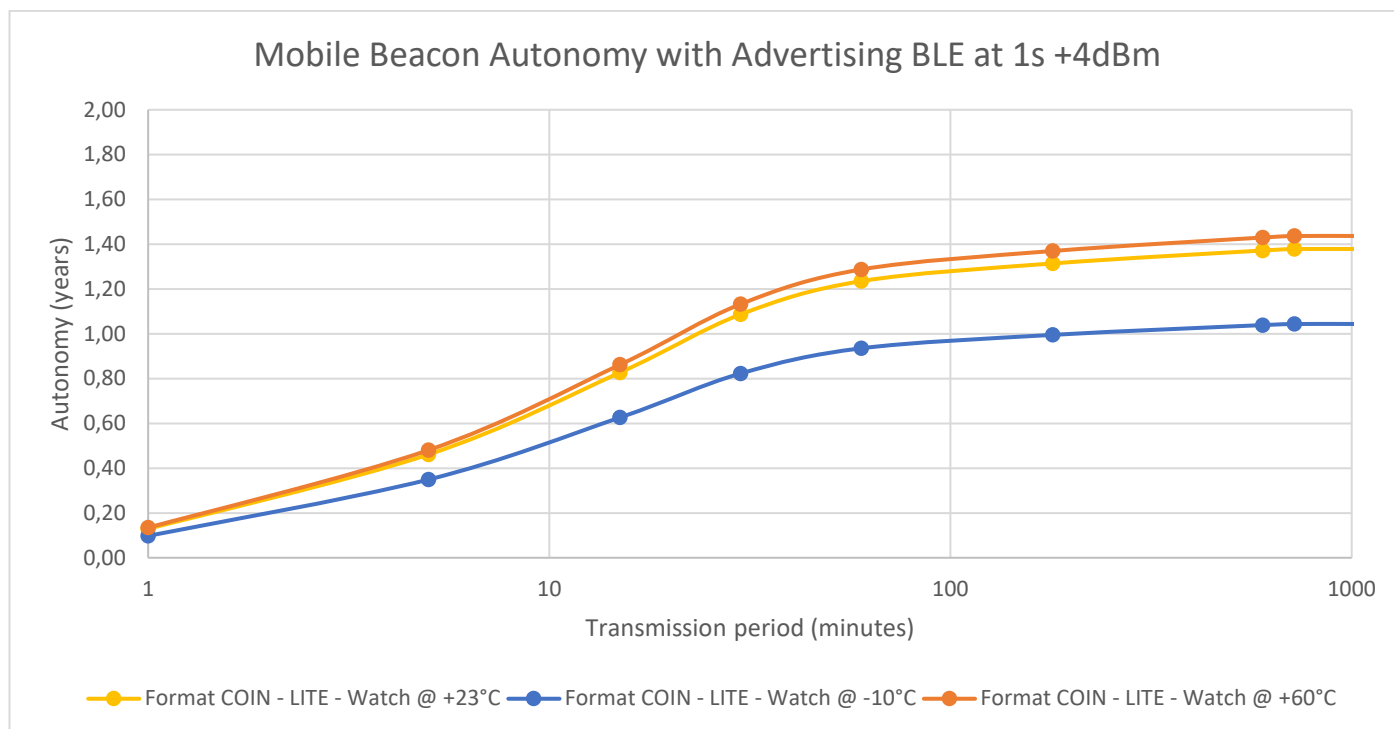
## 2. MOBILE BEACON BLUE COIN – LITE – WATCH ID MESH

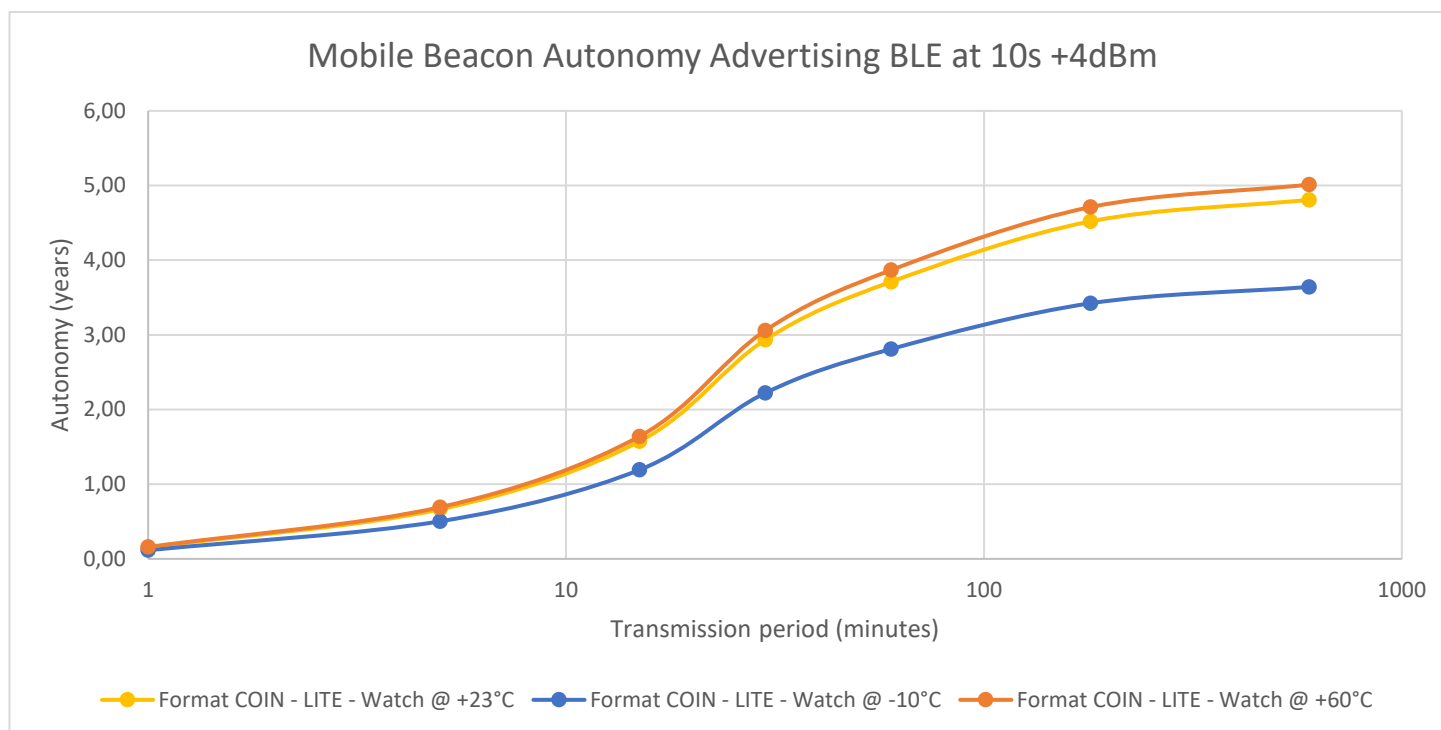
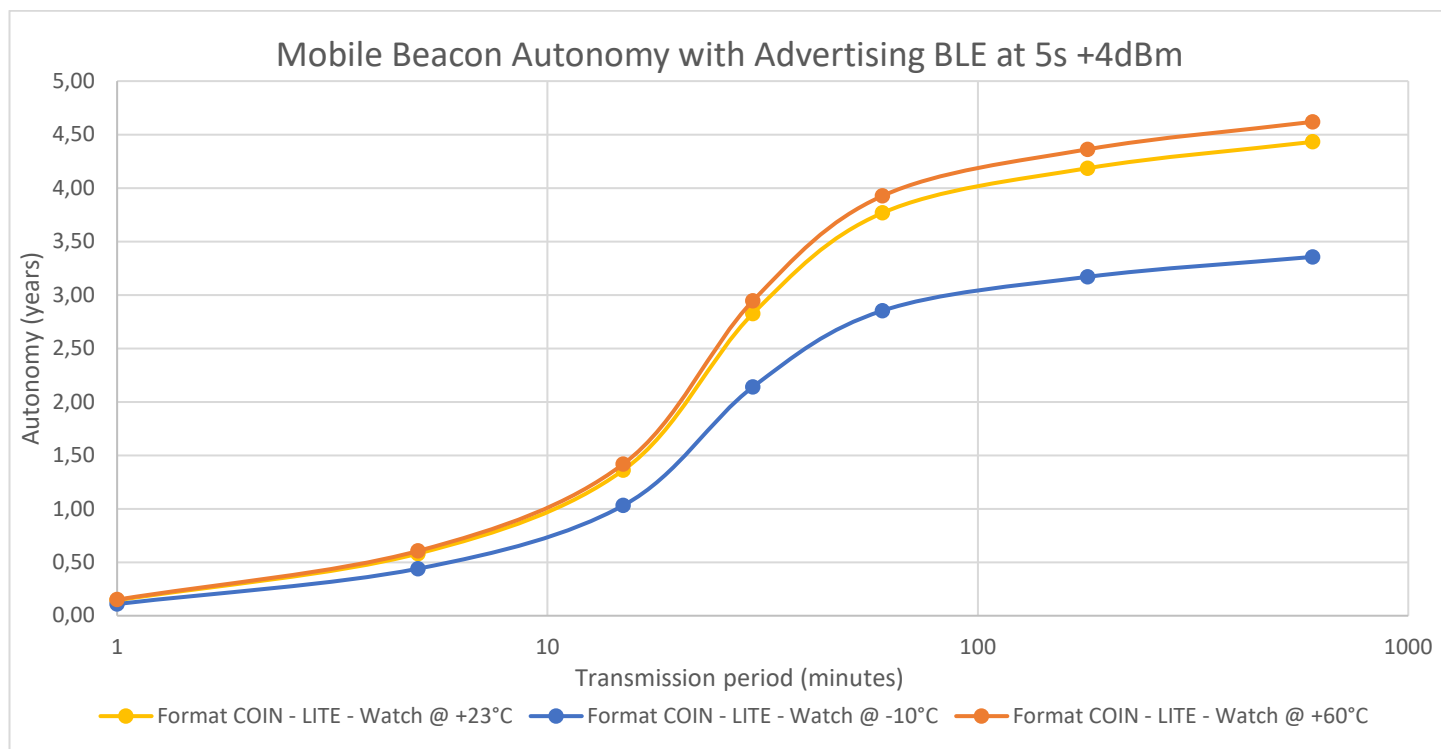
Autonomy according to Transmission Period and Temperature without using the ID+ mode.



## 3. MOBILE BEACON BLUE COIN – LITE – WATCH ID MESH WITH BLE ADVERTISING

Autonomy according to transmission period and temperature with BLE Advertising without using the ID+ mode.

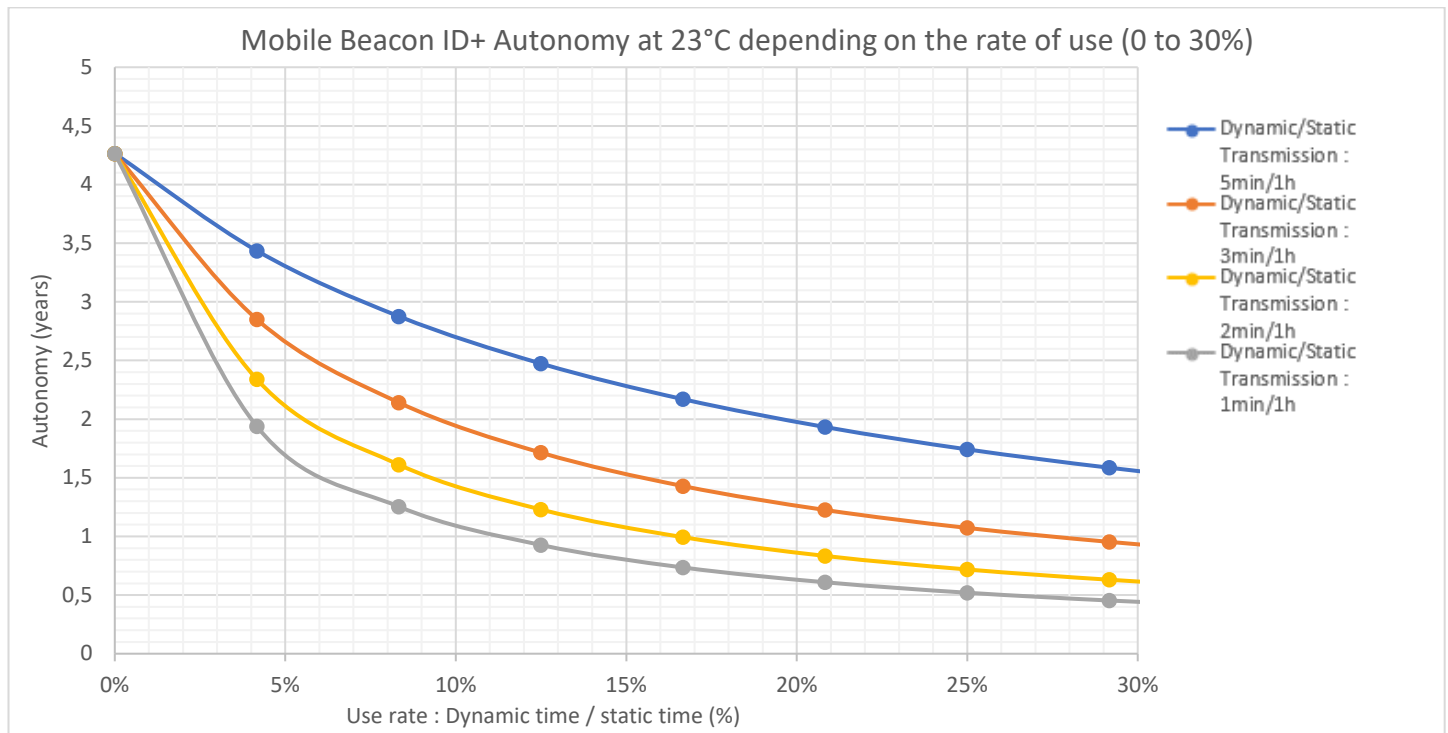
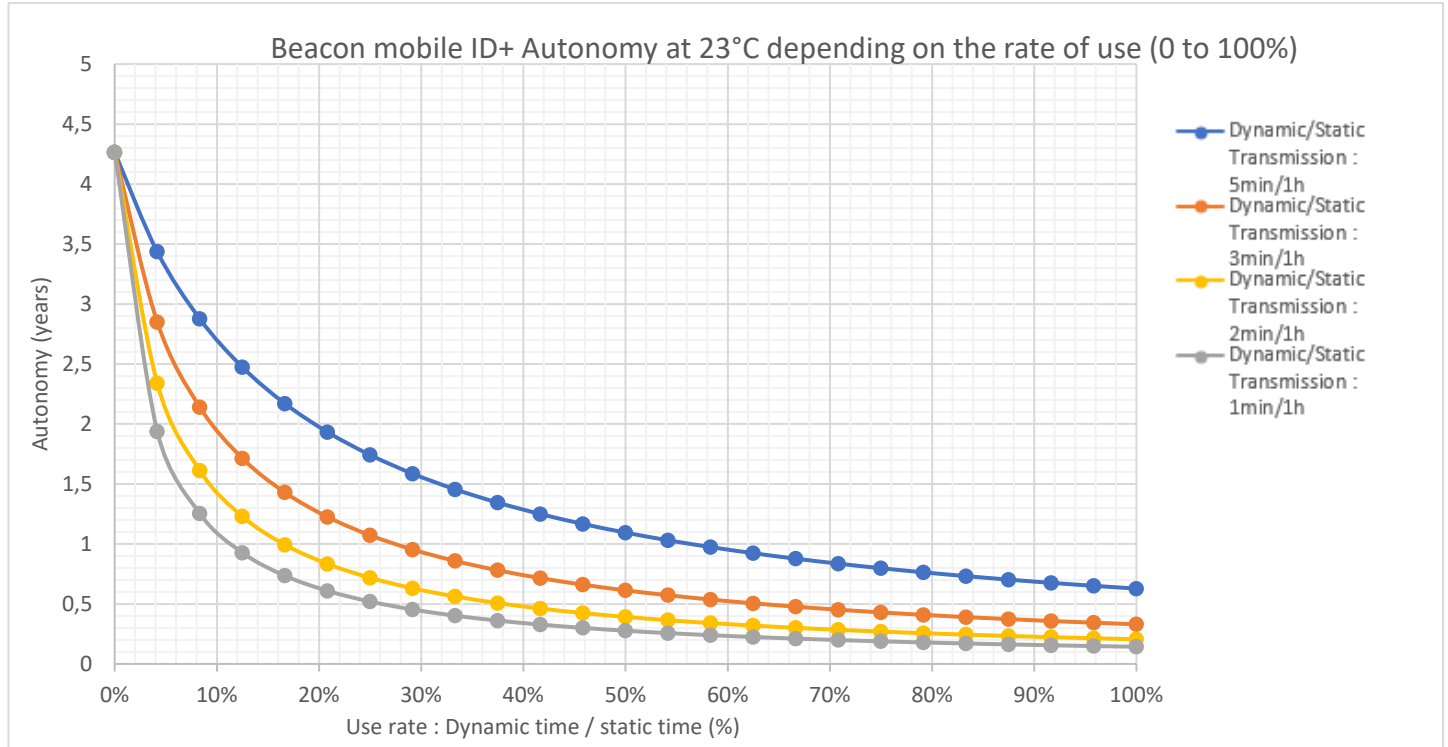




## 4. MOBILE BEACON BLUE COIN – LITE – WATCH ID+ MESH

Transmission period when mobile is in Static mode: **1 hour**.

Transmission period when mobile is in Dynamic mode: 5 min – 3 min – 2 min and 1min.



Transmission period when mobile is in Static mode: **12 hours**.

Transmission period when mobile is in Dynamic mode: 5 min – 3 min – 2 min and 1min.

