

BLUE PUCK
Battery lifecycle curves



BATTERY LIFECYCLE CURVES DEPENDING ON THE ADVERTISING PERIOD

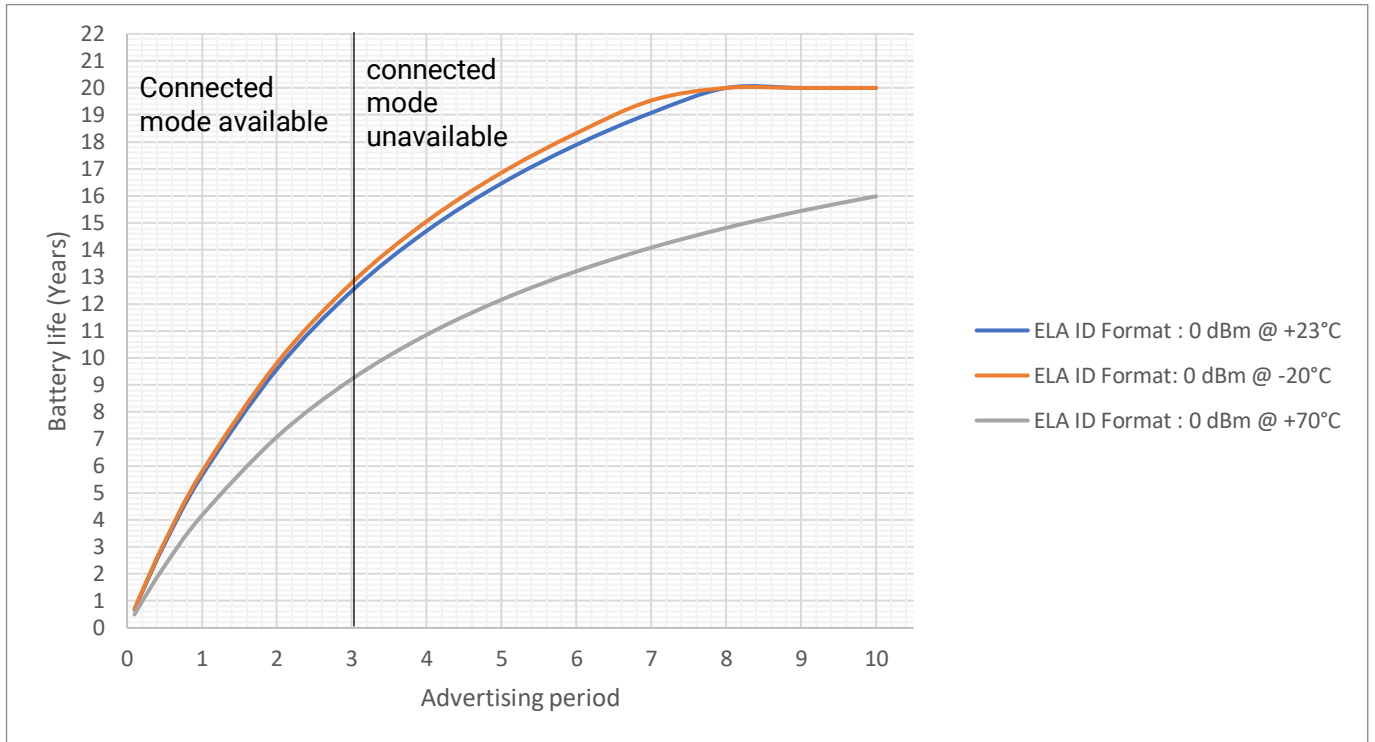
MEASUREMENT DATA

The data curves in this document were measured with the following input parameters:

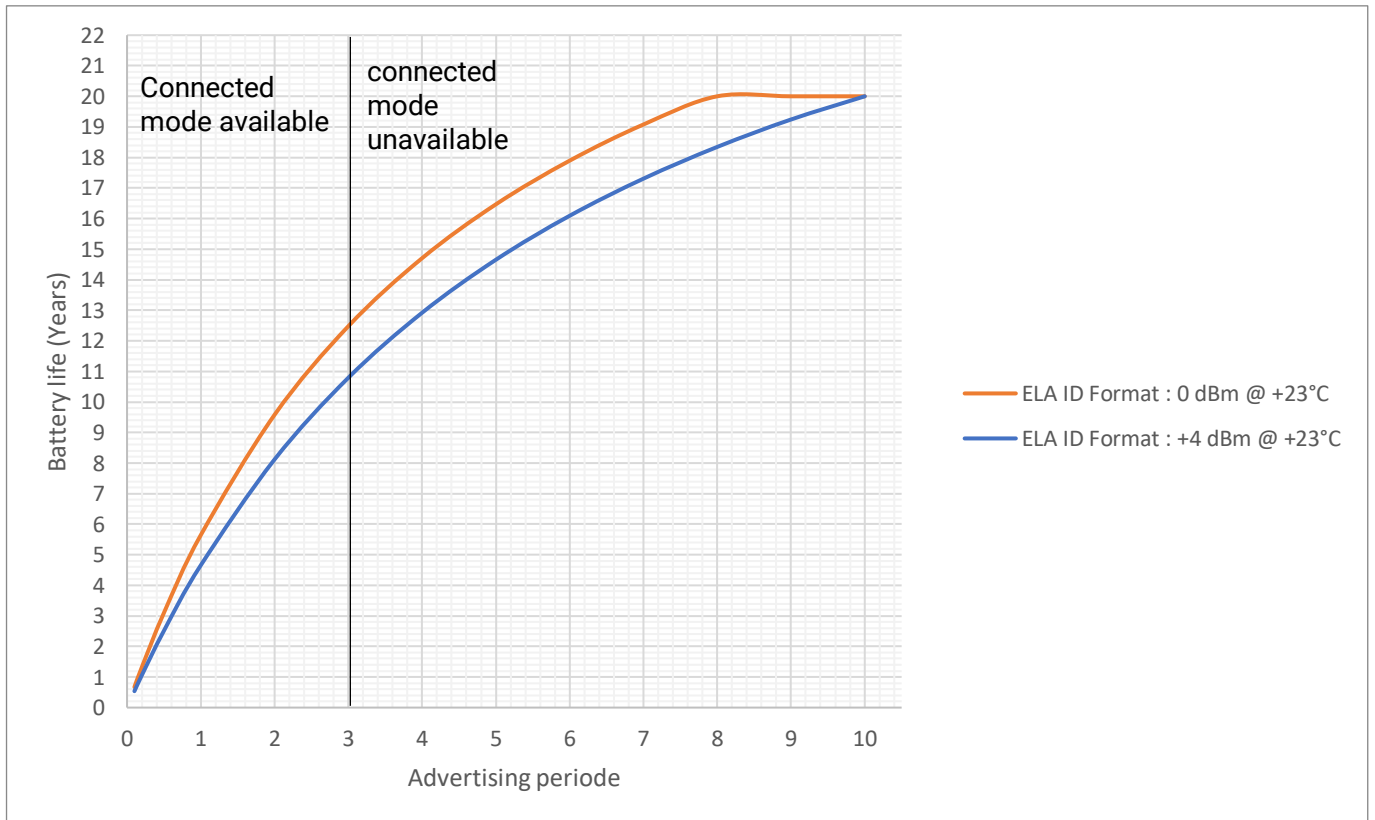
- **Product:** Blue PUCK ID / iBeacon / Eddystone / T / EN12830 / RHT / MAG / MOV / ANG / AI / DI / DO / BUZZ
- **Firmware version:** v2.x.x
- **Advertising period:** From 0,1 second to 10 seconds
- **Advertising power:** 0 dBm and + 4dBm
- **For MAG and MOV formats :** Average of 1 event every 30 minutes, with an event duration of 0.5 seconds.
- **For DI format :** Average of 1 event every 5 seconds, with an event duration of 0.5 seconds
- **For BUZZ format :** Buzzer activation per week, with an event duration of 30 seconds.
- **Battery capacity :** 1 battery CR2477 with 10% discount.

The self-discharge of the battery and the intrinsic lifetime of its chemical content limits its use to 20 years, even in storage condition

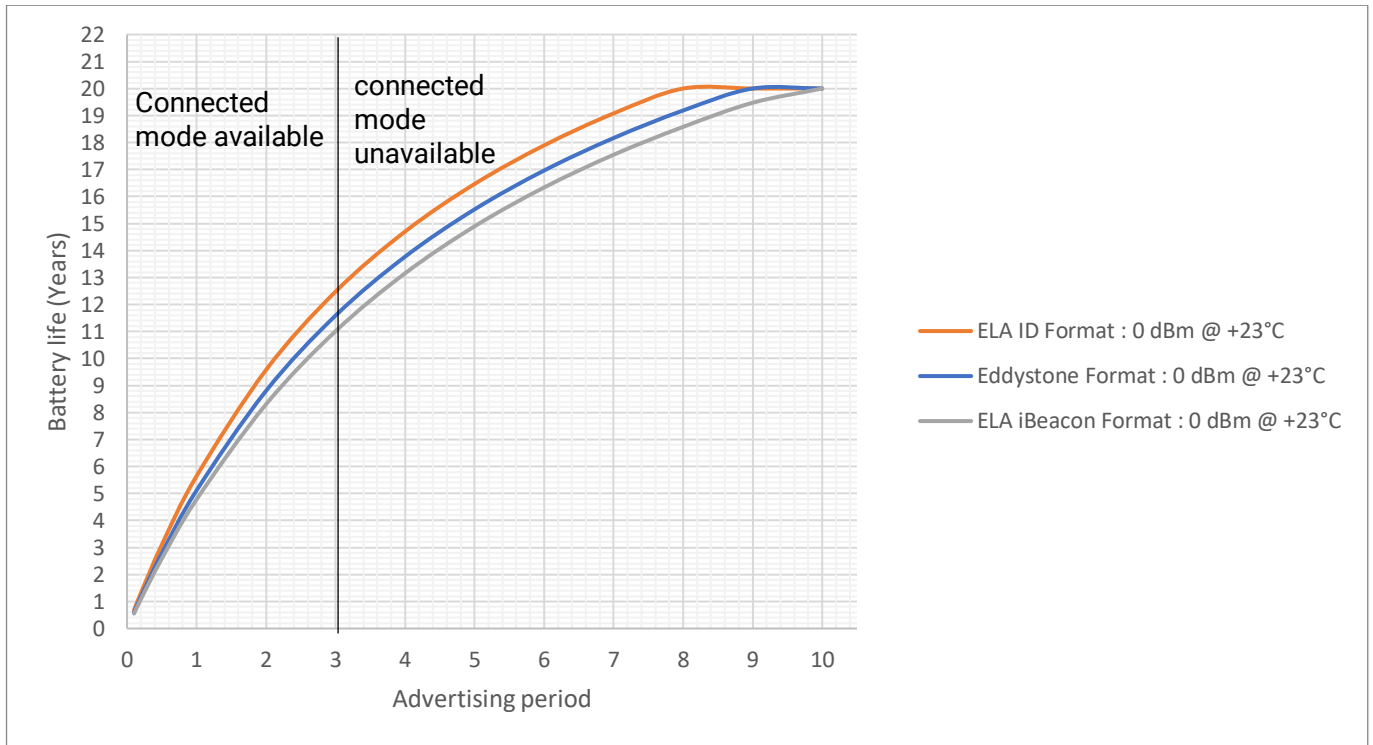
BLUE PUCK ID BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND TEMPERATURE



BLUE PUCK ID BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND POWER



BLUE PUCK ID BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND BROADCAST FORMAT



BLUE PUCK BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND SENSOR FORMAT

