

BLUE COIN
Battery lifecycle curves



BATTERY LIFECYCLE CURVES DEPENDING ON THE ADVERTISING PERIOD

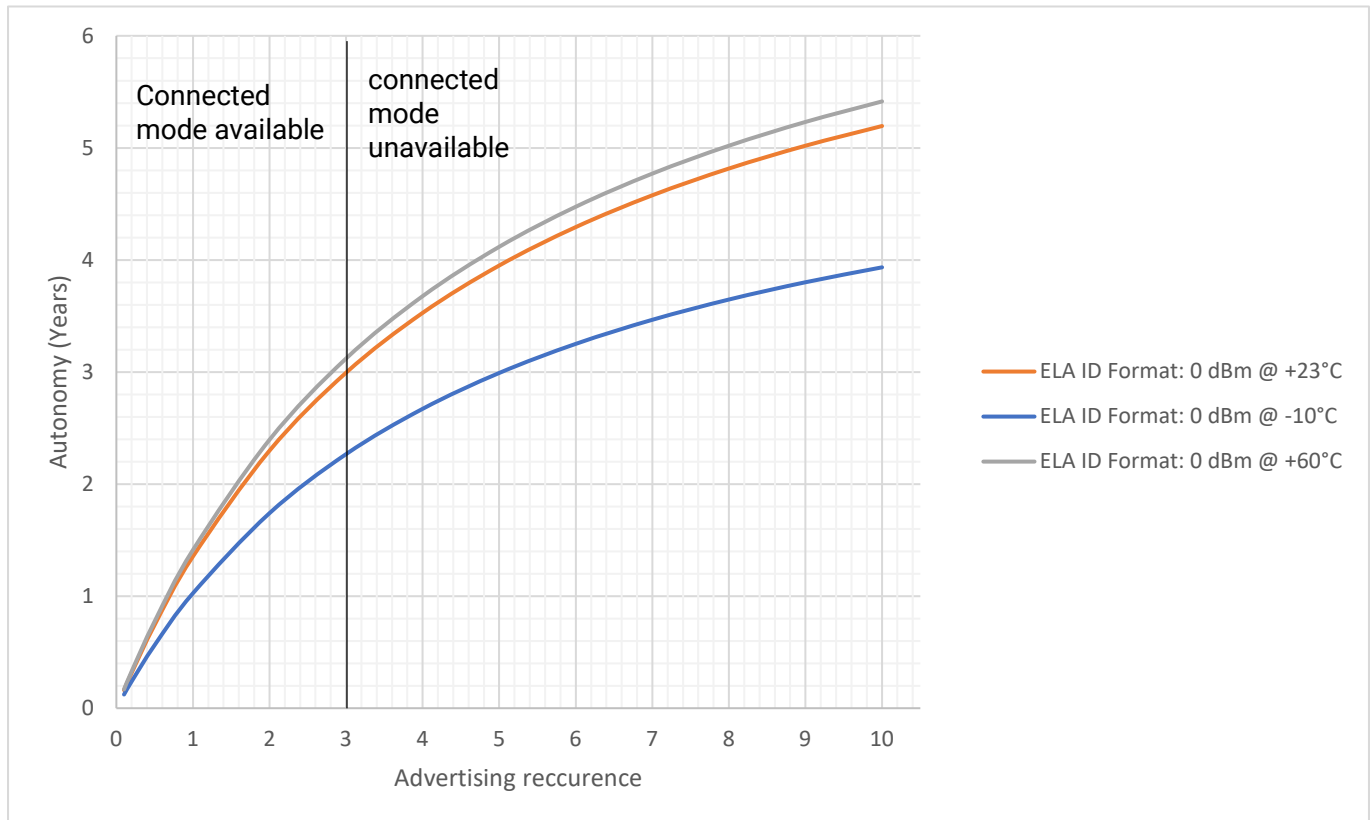
MEASUREMENT DATA

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

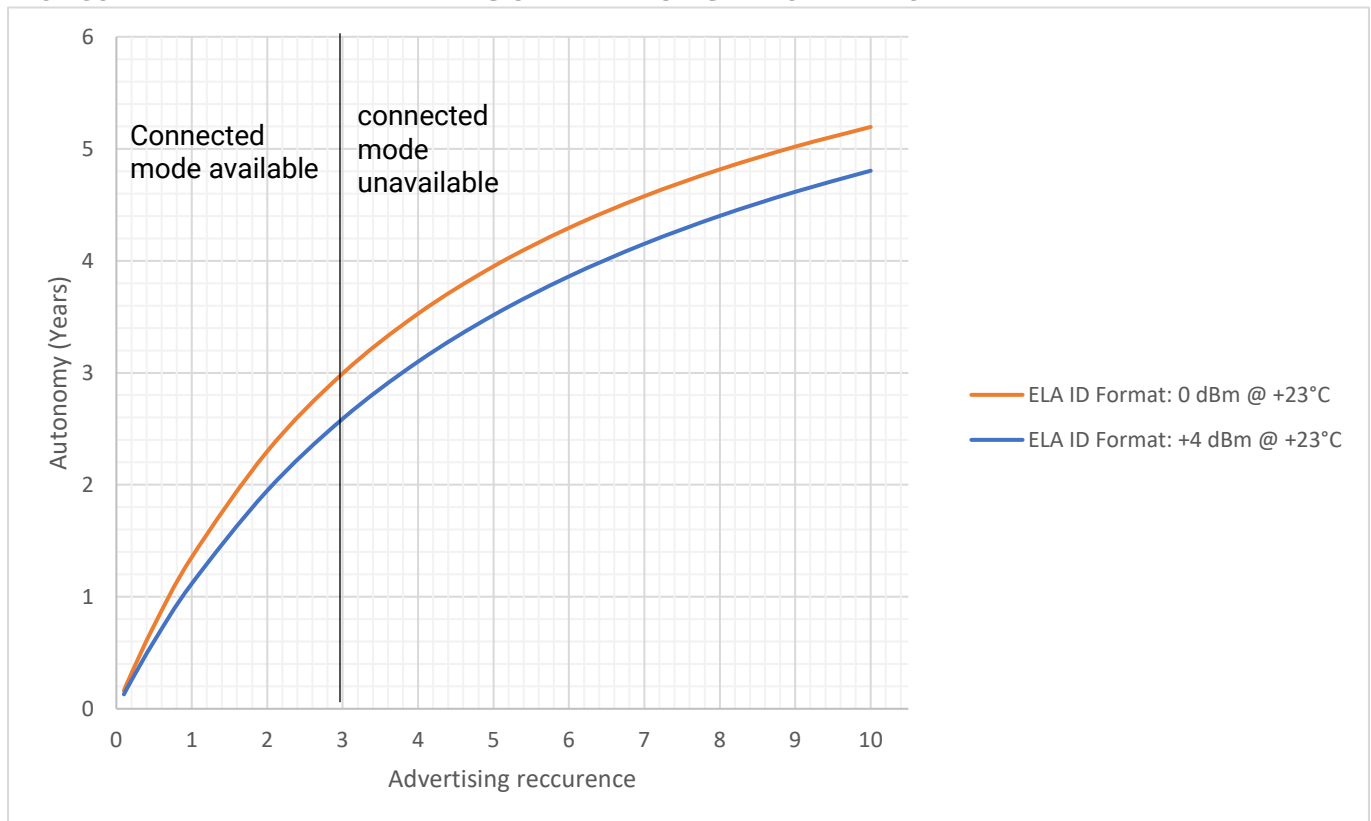
- **Product:** Blue COIN ID / iBeacon / Eddystone / T / MAG / MOV / ANG
- **Firmware Version:** v2.x.x
- **Advertising period:** From 0,1 seconds to 10 seconds
- **Advertising power:** 0 dBm and + 4dBm
- **For MAG and MOV formats :** Average of 1 event every 30 minutes, with an event duration of 0.5 seconds.
- **Battery capacity:** 1 battery CR2032 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

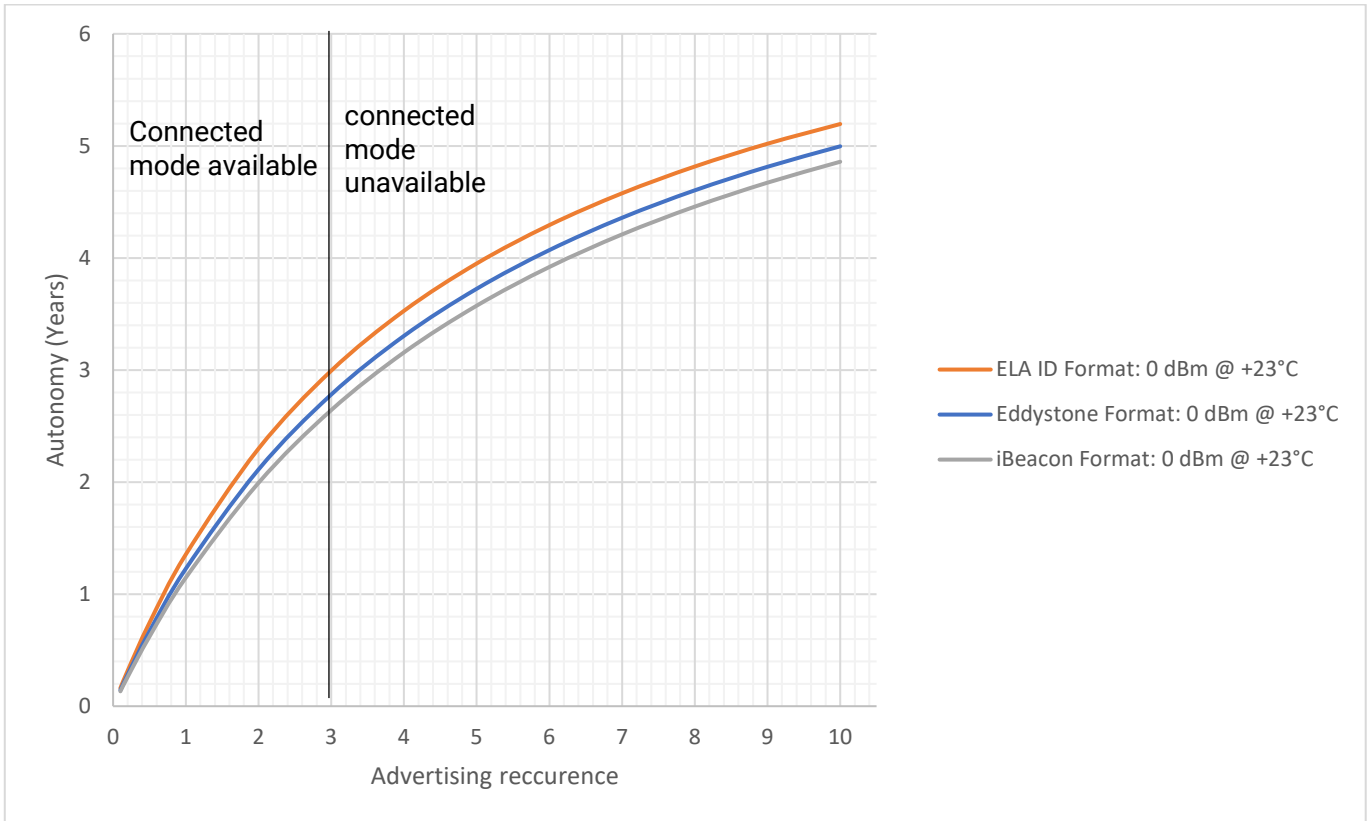
BLUE COIN ID BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND TEMPERATURE



BLUE COIN ID BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND POWER



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



BLUE COIN BATTERY LIFE DEPENDING ON ADVERTISING PERIOD AND SENSOR FORMAT

