

6. Integration Guidelines

Integrating the MYTE into an application requires compliance with the network operation guidelines as set forth by Globalstar. This section highlights the primary guidelines and restrictions, however users must consult with Globalstar for any updates or changes to operation that govern use of the Simplex Satellite service.

6.1. Regulatory Certifications and MYTE Labeling

The application that incorporates the MYTE device must be properly certified for the region of operation. MYTE will carry modular certifications for FCC, IC and EU, but the integrator must confirm operation of the final integrated unit in compliance with the modular use and regional regulatory restrictions including the required marking of the end device. The MYTE device (Model SCC-002) is marked with the FCC ID and IC certification number as shown below.



actual size of the label is ½" x ½"

Each MYTE transmitter label will also contain a Micro-QR barcode and human readable Electronic Serial Number (ESN). The left-most digit in the labeled ESN is the manufacture ID, so as shown above, the ESN is 2-3000045. The ESN notation is decimal, with the Manufacture ID weighted as 2^{23} . The formula below provides the conversion for the ESN labeling to hexadecimal notation used in ESN reads from the MYTE (see section 3.1.3).

$$\text{ESN}_{\text{hex}} = (\text{MFG_ID} * 2^{23}) + \text{ESN}_{\text{dec}}$$

For the example label above:

$$\text{ESN}_{\text{hex}} = 0x012DC6ED = (2 * 2^{23}) + 3000045$$

