

LMU TC Operational Description

The “LMU-TC” or “LMU-2000 Beacon” adds a new 2.4GHz radio onto an existing LMU-2000 design. The original LMU-2000 design contains a GSM radio that is already certified with FCCID: XPYLEONG100 and ICID: 8595A-LEONG100. The original LMU-2000 is a mobile device that resides in private, commercial or government vehicles used for asset tracking. It is a single box enclosure incorporating a processor, a GPS receiver, a wireless data modem, and a vehicle-rated power supply. The LMU also supports inputs and outputs to monitor and react to the vehicular environment and/or driver actions.

The new Beacon radio feature is designed by Transcore Amtech Inc and operates on 2452, 2472, 2477 and 2482 MHz bands. The new embedded radio that will receive “PING” requests from another Transcore product to provide location information directly from the LMU-2000 design. When it receives a “PING” it will send the requested data back to the product that issued the “PING”.