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NESS L300 Control Unit Transceiver - operational description (FCC ID:TVF-L300-CU-V20)

The NESS L300 system comprised of 3 transmitters: Foot sensor (FS), Stimulator (STM) and Control Unit (CU).

The Control unit's transceiver is responsible for:

1. Transmitting user inputs on the CU's keypad to the stimulator
2. Acknowledging Stimulator's transmissions.

The RF link characteristics are:

- Operating band: 2400.0 – 2483.5 MHz ISM band.
- Channels used : 2 (Main and auxiliary)
- Modulation: 2-FSK
- Data throughput: 250 Kbps
- Effective Isotropic Radiated Power: $\leq 0\text{dBm}$
- Antenna: 2.4 GHz chip antenna
- Packet based communication
- Wireless protocol: Proprietary