

The 3 units tested were the pre-production Enalasys (1) Sx DCU, (2) Lx DCU and the (3) Rx Transceiver. The Sx and the Lx units transmit sensor data when requested by the Rx unit; accordingly they were tested to meet the provisions of CFR47 Part 15 231.(e).

All units have identical Rf circuits, i.e., the schematics are identical and the section of the printed circuit board containing the RF Transceiver and all related components are copied from a common RF pcb layout.

One unit tested exceeded the Field Strength requirements by about 1.0 dB. The power setting resistor (R82) for the RF output stage was increased from 8.1K Ω to 12K Ω and the unit was brought into compliance.

Functional tests of each unit during factory calibration will determine the output power is within required field strengths.

The firmware for the Lx, Sx and Rx unit is Version 3.00