

Spacelabs Medical

90341-05 ULTRAVIEW[®] DIGITAL TELEMETRY TRANSMITTER

EUT INFORMATION

FCC ID: CM676A90341-WMTS

DATE: MAY 27, 2003

90341-05 Transmitter EUT Information

The following EUT Information is provided relating to the FCC submittal of our planned quantity production product the 90341-05 Digital Telemetry Transmitter:

This document contain the following information about the equipment under test (EUT):

- a) Type of equipment tested:

Pre-production 90341-05 Digital Telemetry Transmitter

- b) Modifications:

Modifications were made, please see attestation letter.

- c) Software / Firmware:

There is no software or firmware used to operate this radio.

- d) Type of emissions used:

The device has **F1D** emission.

- e) Necessary Bandwidth as defined in 47CFR 2.202(b).

Necessary Bandwidth: Carson's Rule $2M + 2D$; where D = max modulation in Hz and M = peak deviation in Hz. $2(4096) + 2(3000) = 14192$ or 14.2 kHz.

- f) The dc voltages applied to and dc currents into the several elements.

The final RF amplifier is supplied with battery voltage (5.5 to 9.0 VDC) and draws a current of 4.45 mA.

The RF oscillator is supplied with 5.0 VDC and draws a current of 0.93 mA.

All other circuit elements are supplied with 5.0 VDC and draws a current of 3.32 mA.

The total dc currents into the unit is 8.7 ma.