

## **91341-09 TRANSMITTER TUNE-UP PROCEDURE**

The Model 91341-09 telemetry transmitter is designed to operate at one power level within the limits set below. There are no adjustments for changing the RF output power level either in the factory or by the end user.

| <b>Performance Item</b>                 | <b>Specification</b>   | <b>Comment</b>  |
|---|--|---|
| Frequency Range                         | 1395-1400 MHz<br>and<br>1427-1429.5 MHz<br>or<br>1429-1431.5 MHz | <ul style="list-style-type: none"><li>• 1400-1427 MHz is a restricted band; the radio has been designed not to transmit into this band or outside the bands specified by the FCC Rules for the WMTS.</li><li>• The upper 1400 MHz bands are selected at the time of customer order to comply with the geographical allocations of the FCC Rules for the WMTS.</li></ul> |
| Modulation                              | FM – FSK (2-level)   |   |
| Access Method                           | FDMA – Transmit Only   |   |
| Transmit Power (RMS CW) into 50ohm load | 6.0 dBm +1dB/-3dB  | Assumes a worst case of 3 dB ground bounce and 0 dB peak antenna gain.  |