

MURS Transmitter Tune-Up Procedure

As part of the manufacturing process, the unit will be powered on and the transmitter will be enabled. A computer will control the microcontroller to adjust the DC control voltage applied to Y300 (12.000MHz VCTCXO) to align the 12.000MHz frequency reference to within ± 10 Hz.

The PC will then be used to command the unit to transmit a continuous "0101" data pattern and adjust I303 (digital potentiometer) so that the modulation is between 3300Hz and 3599Hz.

WUSB Transmitter Tune-Up Procedure

The only point of transmitter tune-up required for this transceiver is to adjust the frequency reference. Power and deviation are calibrated in the Cypress factory at the time of IC assembly. The reference frequency is tuned during the MURS tune-up procedure.

ROGERS LABS, INC.

4405 West 259th Terrace

Louisburg, KS 66053

Phone/Fax: (913) 837-3214

Garmin International, Inc.

MODEL: 011-01434-00

Test #:061213D

Test to: CFR47, 2 and 15.249

FCC ID#: IPH-01113

SN: #18

Page 1 of 1