Service Menu Items Yaesu VX7R

To enter the service menu, first place the unit into VFO mode, assuring that band center frequencies have been entered: 52 mhz, 146 mhz, 223 mhz, 446 mhz. Power down the radio. With the radio off, press down the "0" key, "Wires" key, and the "MONF" key. Continue to hold the three keys down as you press the power button. Hold all the buttons down until you see a display that indicates the PLL REF value. Release the buttons and turn the VFO dial to advance to a menu item other than the PLL REF value. The service menu will start up in the 440 band, but you can change to the other 3 transmit bands by pressing the "Band" key. After selecting the band to adjust, rotate the VFO dial until you reach the MAX DEV menu item. Press V/M and then turn the VFO dial to the value you wish to enter. To write this value, press the HM/RV button. Power the unit down and then start up normally to test the new value. To make further adjustments, repeat the process, making sure you are on the correct band.

Nominal Service Menu Values For SN# 4N490829

Menu Item:	446 mhz	223 mhz	146 mhz	52 mhz
PLL REF (phase lock loop freq)				
HIS SQL (hysteresis)				
THLD SQL (preset threshold)				
TIGH SQL (preset tight)				
S1 LEVEL NFM (s meter)				
S9 LEVEL NFM (s meter)				
S1 LEVEL WFM (s meter)				
S9 LEVEL WFM (s meter)				
HI POWER (transmit power)				
L3 POWER (transmit power)				
L2 POWER (transmit power)				
L1 POWER (transmit power)				
MAX DEV (tx deviation)				
TN 67.0 (ctcss tone level)				
TN 167.9 (ctcss tone level)				
TN 254.1 (ctcss tone level)				
DCS DEV (dcs tone level)				
LCD TC V (display)				
LCD IREG (display)				
MY MAX DEV				
MY TN 67.0				
MY TN 167.9				
MY TN 254.1				
MY L1 POWER 220				
MY L2 POWER 220				