

148GTL-DX (~~EARLY~~) GATE

3. Realign as follows:

- A. Select CH. 39, MID band.
- B. Monitor TP3 with frequency counter.
- C. Adjust L21 for 16.700000MHz, AM Mode
- D. Adjust L22 for 16.702500MHz, USB Mode
- E. Adjust L23 for 16.697500MHz, LSB Mode
- F. Adjust L17 for maximum RF at TP4 (Rec).
- G. Adjust L19 for maximum RF at TP3 (Rec).
- H. On CH. 40, adjust L18 for 2.5VDC at TP2.
- I. Adjust L52, L53, and L55 for max power output; Xmt on CH. 40, AM.
- J. Adjust VR7 to null carrier on LSB Xmit.
- K. Adjust VR8 for correct output power reading on TX PWR MTR.
- L. Adjust VR13 for 6 watt output power (AM).
- M. Adjust the following in Receive for max S-meter reading:
L7, L8, L9, L11, L12, L13, L14, L15...
- N. With 100 microvolt input adjust the following:
VR2 for S9 reading in AM Mode.
VR1 for S9 reading in SSB Mode.

MIDLAND 151M (77-151) LC7131 PLL

See drawing below for adjusts - No VR #'s on PCB.....
View is from front of unit...(Need a skem. for our files!)

