

UNCONVERTABLE AT THIS TIME

G.E. 3-5900A TC9109P

Alignment:

Peak T2, T3, T4, L6. Adjust RV3 for best modulation.

Note: The 9106/9109 series AM units are terrific 40 channel units, but forget trying to get 26.545 for the truckers (or any other out of band frequency for that matter!). You cannot change the 10.240 reference Xtal or you will get a split on REC/XMIT. Remember, $10.240 \div 1024 = 10\text{KC}$ reference. You can't jump the chip- it has a Read Only Memory. You can't use pin 8 because only your Xmit would go low, RX would stay on 1-40 channels. This chip does not use a 15.360MHz down mixer input to the programmable divider input. The programmable divider input is the VCO output with out any additional down-mixing. I'm not saying that the PLL could'nt be modified by changing the chip and adding a down-mixer and new channel selector. It just would'nt be cost efficient.

There are still quite a number of HYGAIN 02A Cybernet boards available for around \$10. It would be smarter to buy a board and add the rest of the goodies, than try to convert the above chip.

COLT 210 LC7130 PLL

ADD CHANNEL 9 AND 19 AT

THE FLIP OF A SWITCH

