

FREQUENCY MODIFICATION FOR JC PENNYS 6248 SSB

SLIDE: Remove R303 to disable transmit voltage. Follow the black wire from clarifier control and lift at the point where it meets the P/C board and ground it. Remove the green wire from the clarifier where it meets point RD, and move it to the opposite side of the board marked BB. This is the constant source voltage. The unit will now slide on transmit. Both varactor diodes need to be replaced by super diodes. which will yield 7 to 11KHz. If you use chokes in series with the super diodes, you may not be able to recenter the radio.

EXPANSION: The switch shown will give normal 40 channels in the center position, 44-59 in the down position, and 60-99 in the up position.

