

Model HL-45B

Explanation on Band Inhibit Circuit

(To prohibit 26.000 ~ 28.000 MHz)

Drive signal from the transceiver is, frequency-counted by IC3, PIC micro-computer.

If the drive signal is judged to fall in the band width of 26.000 to 28.000 MHz, IC3 issues the command to open the relays RL1 and RL3, of which coils are in series with the STAND-BY (STBY/OPER.) control circuit.

Once the STAND-BY control circuit becomes open, the amp keeps stand-by mode and amplifier gain is nil (0dB), even if it is driven by such signals between 26.000 and 28.000 MHz.