§ 95.669 **External controls.**

(a) Only the following external transmitter controls, connections or devices are required. (Transmitters with frequency capability for the Amateur Radio Services and Military Affiliate Radio System will not be certified.)

(b) All frequency determining circuitry (including crystals) and programming controls in each CB transmitter and in each GMRS transmitter must be internal to the transmitter and must not be accessible from the exterior of the transmitter operating panel or from the exterior of the transmitter enclosure.

(c) No add-on device, whether internal or external, the function of which is to extend the transmitting frequency capability of a CB transmitter beyond its original capability, shall be manufactured, sold or attached to any CB station transmitter.

(d) No transmitter will be certified for use in MURS if it is equipped with a frequency capability not listed in §95.632.


**ADDITIONAL CERTIFICATION REQUIREMENTS FOR CB TRANSMITTERS**

§ 95.665 **[Reserved]**

§ 95.667 **CB transmitter power.**

The dissipation rating of all the semiconductors or electron tubes which supply RF power to the antenna terminals of each CB transmitter must not exceed 10 W. For semiconductors, the dissipation rating is the greater of the collector or device dissipation value established by the manufacturer of the semiconductor. These values may be temperature de-rated by no more than 50 °C. For an electron tube, the dissipation rating is the Intermittent Commercial and Amateur Service plate dissipation value established by the manufacturer of the electron tube.