

§ 95.669

the dissipation rating is the Intermit- tent Commercial and Amateur Service plate dissipation value established by the manufacturer of the electron tube.

[53 FR 36789, Sept. 22, 1988. Redesignated at 61 FR 28769, June 6, 1996, and further redesignated at 61 FR 46567, Sept. 4, 1996]

§ 95.669 External controls.

(a) Only the following external trans- mitter controls, connections or devices will normally be permitted in a CB transmitter:

(1) Primary power connection. (Cir- cuitry or devices such as rectifiers, transformers, or inverters which pro- vide the nominal rated transmitter pri- mary supply voltage may be used with- out voiding the transmitter certifi- cation.)

(2) Microphone connection.

(3) Antenna terminals.

(4) Audio frequency power amplifier output connector and selector switch.

(5) On-off switch for primary power to transmitter. This switch may be combined with receiver controls such as the receiver on-off switch and vol- ume control.

(6) Upper/lower sideband selector switch (for a transmitter that trans- mits emission type H3E, J3E or R3E).

(7) Carrier level selector control (for a transmitter that transmits emission type H3E, J3E or R3E.) This control may be combined with the sideband se- lector switch.

(8) Channel frequency selector switch.

(9) Transmit/receive selector switch.

(10) Meter(s) and selector switch(es) for monitoring transmitter perform- ance.

(11) Pilot lamp(s) or meter(s) to indi- cate the presence of RF output power or that the transmitter control circuits are activated to transmit.

(b) The FCC may authorize addi- tional controls, connections or devices after considering the functions to be performed by such additions.

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47 CFR Ch. I (10-1-11 Edition)

§ 95.671 Serial number.

The serial number of each CB trans- mitter must be engraved on the trans- mitter chassis.

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§ 95.673 Copy of rules.

A copy of part 95, subpart D, of the FCC Rules, current at the time of packing of the transmitter, must be furnished with each CB transmitter marketed.

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APPENDIX 1 TO SUBPART E OF PART 95— GLOSSARY OF TERMS

The definitions used in this subpart E are:
Authorized bandwidth. Maximum permis- sible bandwidth of a transmission.

Carrier power. Average TP during one unmodulated RF cycle.

CB. Citizens Band Radio Service.

CB transmitter. A transmitter that operates or is intended to operate at a station author- ized in the CB.

Channel frequencies. Reference frequencies from which the carrier frequency, suppressed or otherwise, may not deviate by more than the specified frequency tolerance.

Crystal. Quartz piezo-electric element.

Crystal controlled. Use of a crystal to estab- lish the transmitted frequency.

dB. Decibels.

EIRP. Effective Isotropic Radiated Power. Antenna input power times gain for free- space or in-tissue measurement configura- tions required by MedRadio, expressed in watts, where the gain is referenced to an iso- tropic radiator.

FCC. Federal Communications Commis- sion.

Filtering. Refers to the requirement in § 95.633(b).

FRS. Family Radio Service.

GMRS. General Mobile Radio Service.

GMRS transmitter. A transmitter that oper- ates or is intended to operate at a station authorized in the GMRS.

Harmful interference. Any transmission, ra- diation or induction that endangers the func- tioning of a radionavigation or other safety service or seriously degrades, obstructs or repeatedly interrupts a radiocommunication service operating in accordance with applica- ble laws, treaties and regulations.

Mean power. TP averaged over at least 30 cycles of the lowest modulating frequency, typically 0.1 seconds at maximum power.