Federal Communications Commission

with a frequency capability not listed
in §95.632.
[53 FR 47718, Nov. 25, 1988. Redesignated at 61
FR 28769, June 6, 1996, and further redesignated
at 61 FR 46567, Sept. 4, 1996 and amended
at 63 FR 36611, July 7, 1998; 67 FR 63290,
Oct. 11, 2002; 69 FR 32888, June 14, 2004]

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 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-
mmitter 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

§ 95.671 Serial number.

The serial number of each CB trans-
mmitter must be engraved on the trans-
mitter chassis.
(53 FR 36789, Sept. 22, 1988. Redesignated at
61 FR 28769, June 6, 1996, and further redesignated
at 61 FR 46567, Sept. 4, 1996)

§ 95.673 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.
(53 FR 36789, Sept. 22, 1988. Redesignated at
61 FR 28769, June 6, 1996, and further redesignated
at 61 FR 46567, Sept. 4, 1996)

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.