

## Federal Communications Commission

## § 95.603

transmitter in which signals are transmitted must be made using a nonradiating (“dummy”) antenna.

(d) Brief test signals (signals not longer than one minute during any five minute period) using a radiating antenna may be transmitted in order to:

(1) Adjust an antenna to a transmitter;

(2) Detect or measure radiation of energy other than the intended signal; or

(3) Tune a receiver to your CB transmitter.

(Secs. 4(i) and 303(r), Communications Act of 1934, as amended, 47 U.S.C. 154(i) and 303(r), and sec. 553 of the Administrative Procedures Act, 5 U.S.C. 553)

[48 FR 24894, June 3, 1983, as amended at 49 FR 20673, May 16, 1984]

### § 95.425 (CB Rule 25) May I make any changes to my CB station transmitter?

(a) You must not make or have any one else make any internal modification to your CB transmitter.

(b) Internal modification does not include:

(1) Repair or servicing of a CB station transmitter (see CB Rule 24, §95.424); or

(2) Changing plug-in modules which were certificated as part of your CB transmitter.

(c) You must not operate a CB transmitter which has been modified by anyone in any way, including modification to operate on unauthorized frequencies or with illegal power. (See CB Rules 9 and 11, §§95.409 and 95.411.)

[48 FR 24894, June 3, 1983, as amended at 63 FR 36610, July 7, 1998]

### § 95.426 (CB Rule 26) Do I have to make my CB station available for inspection?

(a) If an authorized FCC representative requests to inspect your CB station, you must make your CB station and records available for inspection.

(b) A CB station includes all of the radio equipment you use.

### § 95.427 (CB Rule 27) What are my station records?

Your station records include the following documents, as applicable.

(a) A copy of each response to an FCC violation notice or an FCC letter. (See CB Rule 22, §95.422.)

(b) Each written permission received from the FCC. (See CB Rule 19, §95.419.)

### § 95.428 (CB Rule 28) How do I contact the FCC?

(a) FCC National Call Center at 1-888-225-5322.

(b) FCC World Wide Web homepage: <http://www.fcc.gov>.

(c) In writing, to FCC, Attention: CB, 1270 Fairfield Road, Gettysburg, PA 17325-7245.

[63 FR 68976, Dec. 14, 1998]

## Subpart E—Technical Regulations

SOURCE: 53 FR 36789, Sept. 22, 1988, unless otherwise noted.

### GENERAL PROVISIONS

#### § 95.601 Basis and purpose.

This section provides the technical standards to which each transmitter (apparatus that converts electrical energy received from a source into RF (radio frequency) energy capable of being radiated) used or intended to be used in a station authorized in any of the Personal Radio Services listed below must comply. This section also provides requirements for obtaining certification for such transmitters. The Personal Radio Services to which these rules apply are the GMRS (General Mobile Radio Service)—subpart A, the Family Radio Service (FRS)—subpart B, the R/C (Radio Control Radio Service)—subpart C, the CB (Citizens Band Radio Service)—subpart D, the Low Power Radio Service (LPRS)—subpart G, the Wireless Medical Telemetry Service (WMTS)—subpart H, the Medical Device Radiocommunication Service (MedRadio)—subpart I, the Multi-Use Radio Service (MURS)—subpart J, and Dedicated Short-Range Communications Service On-Board Units (DSRCS-OBUs)—subpart L.

[80 FR 36222, June 23, 2015]

#### § 95.603 Certification required.

(a) Each *GMRS transmitter* (a transmitter that operates or is intended to operate at a station authorized in the GMRS) must be certificated.

(b) Each *R/C transmitter* (a transmitter that operates or is intended to

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operate at a station authorized in the R/C) must be certificated, except one that transmits only in the 26–27 MHz frequency band and is *crystal controlled* (where the transmitted frequency is established by a *crystal* (a quartz piezoelectric element)).

(c) Each *CB transmitter* (a transmitter that operates or is intended to operate at a station authorized in the CB) must be certificated. No CB transmitter certificated pursuant to an application filed prior to September 10, 1976, shall be manufactured or marketed.

(d) Each FRS unit (a transmitter that operates or is intended to operate in the FRS) must be certified for use in the FRS in accordance with subpart J of part 2 of this chapter.

(e) Each Low Power Radio Service transmitter (a transmitter that operates or is intended to operate in the LPRS) must be certificated.

(f) Each Medical Device Radiocommunication Service (MedRadio) transmitter (a transmitter that operates or is intended to operate in the MedRadio service) must be certificated except for such transmitters that are not marketed for use in the United States, but which otherwise comply with the MedRadio Service technical requirements and are operated in the United States by individuals who have traveled to the United States from abroad.

(g) Each Multi-Use Radio Service transmitter (a transmitter that operates or is intended to operate in the MURS) must be certificated in accordance with subpart J of part 2 of this chapter, Provided however, that those radio units certificated as of November 12, 2002 need not be recertificated.

(h) Each Dedicated Short-Range Communications Service On-Board Unit (DSRCS-OBUs) that operates or is intended to operate in the DSRCS (5.850–5.925 GHz) must be certified in accordance with subpart L of this part and subpart J of part 2 of this chapter.

[53 FR 36789, Sept. 22, 1988, as amended at 61 FR 28769, June 6, 1996; 61 FR 46567, Sept. 4, 1996; 63 FR 36610, July 7, 1998; 64 FR 69929, Dec. 15, 1999; 65 FR 60877, Oct. 13, 2000; 67 FR 63289, Oct. 11, 2002; 69 FR 46446, Aug. 3, 2004; 74 FR 22705, May 14, 2009]

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### § 95.605 Certification procedures.

Any entity may request certification for its transmitter when the transmitter is used in the GMRS, FRS, R/C, CB, 218–219 MHz Service, LPRS, MURS, or MedRadio Service following the procedures in part 2 of this chapter. Dedicated Short-Range Communications Service On-Board Units (DSRCS-OBUs) must be certified in accordance with subpart L of this part and subpart J of part 2 of this chapter.

[74 FR 22705, May 14, 2009]

### § 95.607 CB transmitter modification.

Only the holder of the grant of authorization of the particular certificated CB transmitter may make the modifications permitted under the provisions for certification (see part 2 of this chapter.) No grantee shall make any of the following modifications to the transmitter without prior written permission from the *FCC* (Federal Communications Commission):

(a) The addition of any accessory or device not specified in the application for certification and authorized by the FCC in granting the certification;

(b) The addition of any switch, control or external connection;

(c) Any modification to provide for additional transmitting frequencies, increased modulation level, a different form of modulation, or increased *TP* (RF transmitter power expressed in *W* (watts), either *mean power* (TP averaged over at least 30 cycles of the lowest modulating frequency, typically 0.1 seconds at maximum power) or *peak envelope power* (TP averaged during 1 RF cycle at the highest crest of the modulation envelope), as measured at the transmitter output antenna terminals.)

[53 FR 36789, Sept. 22, 1988, as amended at 63 FR 36610, July 7, 1998]

### TECHNICAL STANDARDS

### § 95.621 GMRS transmitter channel frequencies.

(a) The GMRS transmitter *channel frequencies* (reference frequencies from which the carrier frequency, suppressed or otherwise, may not deviate by more than the specified frequency tolerance) are 462.5500, 462.5625, 462.5750, 462.5875, 462.6000, 462.6125, 462.6250, 462.6375,