

§ 95.1109

§ 95.1109 Equipment authorization requirement.

(a) Wireless medical telemetry devices operating under this part must be authorized under the certification procedure prior to marketing or use in accordance with the provisions of part 2, subpart J of this chapter.

(b) Each device shall be labeled with the following statement:

Operation of this equipment requires the prior coordination with a frequency coordinator designated by the FCC for the Wireless Medical Telemetry Service.

§ 95.1111 Frequency coordination.

(a) Prior to operation, authorized health care providers who desire to use wireless medical telemetry devices must register all devices with a designated frequency coordinator. Except as specified in § 95.1105, operation of WMTS equipment prior to registration is not authorized under this part. The registration must include the following information:

- (1) Specific frequencies or frequency range(s) used;
- (2) Modulation scheme used (including occupied bandwidth);
- (3) Effective radiated power;
- (4) Number of transmitters in use at the health care facility as of the date of registration including manufacturer name(s) and model numbers);
- (5) Legal name of the authorized health care provider;
- (6) Location of transmitter (coordinates, street address, building);
- (7) Point of contact for the authorized health care provider (name, title, office, phone number, fax number, e-mail address).

(b) An authorized health care provider shall notify the frequency coordinator whenever a medical telemetry device is permanently taken out of service, unless the device is replaced with another transmitter utilizing the same technical characteristics as those reported on the effective registration. An authorized health care provider shall maintain the information contained in each registration current in all material respects, and shall notify the frequency coordinator when any change is made in the location or oper-

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ating parameters previously reported which is material.

(c) As of April 14, 2010, no registrations may be accepted for frequencies where WMTS does not have primary status. Previously registered secondary facilities may continue to operate as registered.

[65 FR 44008, July 17, 2000, as amended at 75 FR 19285, Apr. 14, 2010]

§ 95.1113 Frequency coordinator.

(a) The Commission will designate a frequency coordinator(s) to manage the usage of the frequency bands for the operation of medical telemetry devices.

(b) The frequency coordinator shall

(1) Review and process coordination requests submitted by authorized health care providers as required in § 95.1111;

(2) Maintain a database of WMTS use;

(3) Notify users of potential conflicts; and

(4) Coordinate WMTS operation with radio astronomy observatories and Federal Government radar systems as specified in §§ 95.1119 and 95.1121.

(5) Notify licensees—who are operating in accordance with § 90.259(b)—of the need to comply with the field strength limit of § 90.259(b)(11) prior to initial activation of WMTS equipment in the 1427–1432 MHz band.

(6) Notify licensees—who are operating in 1392–1395 MHz band in accordance with subpart I of part 27—of the need to comply with the field strength limit of § 27.804 prior to initial activation of WMTS equipment in the 1395–1400 MHz band.

[65 FR 44008, July 17, 2000, as amended at 67 FR 41682, June 20, 2002]

§ 95.1115 General technical requirements.

(a) *Field strength limits.* (1) In the 608–614 MHz band, the maximum allowable field strength is 200 mV/m, as measured at a distance of 3 meters, using measuring instrumentation with a CISPR quasi-peak detector.

(2) In the 1395–1400 MHz and 1427–1432 MHz bands, the maximum allowable field strength is 740 mV/m, as measured at a distance of 3 meters, using measuring equipment with an averaging detector and a 1MHz measurement bandwidth.