§§ 95.2335–95.2345 [Reserved]

§ 95.2347 WMTS automatic control.

Notwithstanding the provisions of § 95.347, WMTS operations may be conducted under manual or automatic control.

§§ 95.2349–95.2355 [Reserved]

§ 95.2357 WMTS duration of transmissions.

WMTS operations may be conducted on a continuous basis, notwithstanding the provisions of § 95.357.

§ 95.2359 [Reserved]

§ 95.2361 WMTS transmitter certification.

(a) WMTS transmitters (transmitters that operate or are intended to operate in the WTMS) must be certified in accordance with this subpart and the provisions of part 2, subpart J of this chapter.

(b) A grant of equipment certification for the WMTS will not be issued for any WMTS transmitter type that fails to comply with the applicable rules in this subpart.

§ 95.2363 WMTS frequency bands and channels.

The channels listed in this section are allotted for shared use in the WMTS and channels will not be assigned for exclusive use of any entity.

(a) WMTS transmitter types must operate in one or more of these frequency bands:

(1) 608–614 MHz (co-primary);

(2) 1395–1400 MHz (co-primary); or,

(3) 1427–1429.5 MHz (co-primary) and 1429.5–1432 MHz (secondary), except at the locations listed in § 90.259(b)(4) of this chapter where WMTS transmitters may operate in the 1429–1431.5 MHz frequency band on a primary basis and in the 1427–1429 MHz and 1431.5–1432 MHz bands on a secondary basis. *See* note US350 to the Table of Frequency Allocations in § 2.106 of this chapter for additional details.

(b) WMTS transmitter types utilizing broadband technologies (such as spread spectrum modulation) in the 608–614 MHz frequency band must be capable of using one or more of the following 1.5 MHz bandwidth channels (a maximum of 6 MHz bandwidth). Such transmitter types must be designed to use the minimum number of channels necessary to avoid harmful interference to other WMTS devices.

(1) 608.0–609.5 MHz

(2) 609.5–611.0 MHz

(3) 611.0–612.5 MHz

(4) 612.5–614.0 MHz

(c) In the 1395–1400 MHz and 1427–1432 MHz bands, no specific channels are specified. Wireless medical telemetry devices may operate on any channel within the bands authorized for wireless medical telemetry use in this part.

§ 95.2365 WMTS frequency accuracy.

Manufacturers of wireless medical telemetry devices are responsible for ensuring frequency accuracy such that all emissions are maintained within the designated bands of operation under all of the manufacturer's specified conditions.

§ 95.2367 [Reserved]

§ 95.2369 WMTS field strength limits.

Each WMTS transmitter type must satisfy the field strength limits in this section.

(a) For WMTS transmitter types operating in the 608–614 MHz band, the field strength of the transmitted signal must not exceed 200 mV/m, measured at a distance of 3 meters, using instrumentation with a CISPR quasi-peak detector.

(b) For WMTS transmitter types operating in the 1395–1400 MHz and 1427–1432 MHz bands, the field strength of the transmitted signal must not exceed 740 mV/m, measured at 3 meters, using instrumentation with an averaging detector and a 1 MHz reference bandwidth.

§§ 95.2371–95.2377 [Reserved]

§ 95.2379 WMTS unwanted emissions limits.

Each WMTS transmitter type must be designed to comply with the requirements in this paragraph.

(a) Unwanted emissions on frequencies below 960 MHz must not exceed 200 μV/m, measured at a distance