

Chapter 9 RF Exposure Information

Overview

This chapter contains information on how the product was determined to be compliant with FCC Rules, Part 24, subsection 24.51.

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9.1 RF Human Exposure

9.1.1 Applicable FCC Rules

FCC Subpart 24.51 - Applicants for Type Approval of transmitters operating within the WCS region must determine that the equipment complies with IEEE C95.1-1991, *IEEE Standards for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz* as measured using methods specified in IEEE C95.3 - 1991, *Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave*.

9.1.2 FWAN WCS Test Configuration

Maximum Permissible Exposure (MPE) configuration will be completed per FCC MPE Site Requirements.

MPE testing will be performed on each FWAN WCS Base Station installed. MPE data, analysis, and required paperwork will be stored and filed with the FCC per regulatory requirements.