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Electromagnetic environment of body-worn equipment in the 2.4 GHz and 13.56 MHz industrial, scientific and medical band

Recommendation ITU-T K.133

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Summary

Recommendation ITU-T K.133 specifies electromagnetic characterization of the radiation and conduction environment for body-worn electronic devices.

History

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Introduction

In recent years, many body-worn communication devices, such as those for medical use, smart watches and smart bracelets, have been produced and are widely used by the public. Most of them have a wireless fidelity (Wi-Fi) or Bluetooth module that uses the 2.4 GHz industrial, scientific and medical (ISM) band for communication or implement near field communication technology in the 13.56 MHz ISM band. This Recommendation is applicable to the environment in which body-worn equipment operates.