

RADHAZ Measurements

Abstract

Radiation Hazard (RADHAZ) measurements are a common safeguard process to ensure that the radiated electromagnetic energy (EME) complies with the exposure limits set by the relevant standard. Limiting the exposure to electromagnetic energy will provide protection against adverse health effects [1].

Radiation Hazard (RADHAZ) assessment using the measurements method is usually preferred for complex environments and radiation leakage. Exposure limits in Australia and throughout the world are frequency dependent [2].

In this paper we will present different examples of real RADHAZ test scenarios encountered by commercial accredited testing company.

References

[1] Guidelines on Limits of Exposure to Electromagnetic Fields in the Frequency Range from 1 Hz to 300GHz. ICNIRP, 2010.

[2] AS/NZS 2772.2:2016 Radiofrequency Fields Part 2: Principle and Methods of Measurement and Computation- 3kHz to 300 GHz.