

1. Record Nr.	UNISA996279576203316
Titolo	IEEE Std C95.7-2014 (Revision of IEEE Std C95.7-2005) : IEEE Recommended Practice for Radio Frequency Safety Programs, 3 kHz to 300 GHz // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 2014
ISBN	0-7381-9211-2
Descrizione fisica	1 online resource (58 pages)
Disciplina	537
Soggetti	Electromagnetism Electromagnets
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Elements of a radio frequency (RF) exposure safety program that provide reasonable and adequate guidance for preventing exposures in excess of recognized limits to electromagnetic fields from RF sources that operate in the frequency range of 3 kHz to 300 GHz are described in IEEE Std C95.7™-2014. The means for accomplishing this are classifying exposure locations into one of four categories based on the potential hazard, as defined by exposure limits, and specifying appropriate controls for each category. Such controls include engineering and administrative controls as well as the use of personal protective equipment, placement of appropriate RF safety signage, designation of restricted access areas, the use of personal RF monitors, and RF safety awareness training. These recommendations are not intended to apply to the purposeful exposure of patients by or under the direction of medical practitioners, but can be used in the development of safety programs for medical staff and other persons working with or incidentally exposed to RF fields, and for those wearing implanted or external medical electronic devices. Although designed to complement IEEE Std C95.1™, this recommended practice may also be used for the development of programs to ensure conformance with other guidelines, standards, or regulations for controlling human</p>

exposure to electromagnetic energy as well as IEEE Std C95.6™ in which case, appropriate modifications will be necessary to address the low frequency region addressed by IEEE Std C95.6.
