

RESOLUTION ITU-R 54

Studies to achieve harmonization for short-range radiocommunication devices (SRDs)

(2007)

The ITU Radiocommunication Assembly,

considering

- a) that there is increasing demand for, and use of short-range radiocommunication devices (SRDs) for a wide variety of applications throughout the world;
- b) that such devices generally operate with low power;
- c) that, according to operational requirements, the radio parameters for such devices vary;
- d) that the implementation of regulations for SRDs is a matter for national administrations;
- e) that national regimes for implementation are in general as simple as possible, in order to minimize the burden on administrations and users of SRDs;
- f) that in general such devices shall neither cause harmful interference to, nor claim protection from, any service operating in accordance with the Table of Frequency Allocations;
- g) that, by their nature, SRDs are being used on a worldwide basis, either as an independent device or as an integral part of other systems, and are often carried and used across national borders;
- h) that some agreements have been reached by some groups' administrations, resulting in the mutual recognition of certified measurement laboratories,

recognizing

- a) the benefits such as:
 - increased potential for interoperability;
 - a broader manufacturing base and increased volume of equipment, resulting in economies of scale and expanded equipment availability;
 - improved spectrum management and planning by each administration/region; and
 - enhanced cross-border arrangements and circulation of equipment;
- b) that the trend is to increase the use of advanced spectrum access and interference mitigation technologies,

noting

- a) that information about the technical and operating parameters and spectrum requirements for short-range radiocommunication devices is given in Recommendation ITU-R SM.1538;
- b) that Recommendation ITU-R SM.1538 is still a compilation of technical and operational parameters as they are in use in various countries or regions of the world, and rarely specifies common parameters for use throughout the world,

resolves

- 1 that ITU-R, taking into account “*considering f)*”, continue its studies to enable implementation of advanced technologies for SRDs, thereby in particular focusing on a strategy for the future;
 - 2 that in particular the following studies should be conducted:
 - a) to collect information on SRDs which use advanced spectrum access and frequency tuning range techniques in order to understand their capabilities, meanwhile ensuring protection to radiocommunication services;
 - b) to advise on a mechanism, based on 2 a) above, that may ease the use of relevant frequency bands and/or frequency tuning ranges, preferably on a global or regional basis, suitable for SRDs;
 - 3 to invite the membership to contribute to these studies.
-