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.

_____