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Subject: Resolution **953 (WRC-07)**

**Document 1A/91-E**  
**21 January 2009**  
**English only**

## **World Broadcasting Unions – Technical Committee (WBU-TC)<sup>1</sup>**

### **ON THE REQUIREMENTS FOR PROTECTION AGAINST INTERFERENCE GENERATED BY SHORT-RANGE DEVICES (SRD) OPERATING IN THE TERRESTRIAL BROADCAST BANDS**

As the technical arm of the World Broadcasting Unions, the Technical Committee (WBU-TC) is responsible for technical broadcasting issues of importance to the members of the World Broadcasting Unions. The work of the WBU-TC focuses on issues and areas to which all Unions are welcome to contribute to, and which materially affect broadcasting in all regions of the world.

The WBU-TC has been following, with great interest, the discussions in ITU-R Working Party 1A concerning WRC-11 Agenda item 1.22, Resolution **953 (WRC-07)** “Protection of radiocommunication services from emissions by short-range devices” (Document 1A/62).

In general, the WBU-TC is concerned with the need and methods to protect broadcasting services from interference caused by emissions from devices without a corresponding frequency allocation in the Radio Regulations. Of particular interest are short-range devices (SRDs) that produce fundamental emissions in the frequency bands allocated to the broadcasting service.

The WBU-TC has noted that Working Party 6A in Document 1A/83 brought to the attention of Working Party 1A the existence of Recommendation ITU-R BT.1786 “Criterion to assess the impact of interference to the terrestrial broadcasting service (BS)” that establishes the criterion to assess the impact of interference to the terrestrial broadcasting service from such devices.

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<sup>1</sup> The WBU-TC is the standing technical body of the World Broadcasting Unions, whose members are:

- Asia-Pacific Broadcasting Union (ABU)
- Arab States Broadcasting Union (ASBU)
- The African Union of Broadcasting (AUB)
- Caribbean Broadcasting Union (CBU)
- European Broadcasting Union (EBU)
- International Association of Broadcasting (IAB)
- North American Broadcasters Association (NABA)
- Organizacion de Telecomunicaciones Iberoamericanas (OTI)

The acceptable limit for the total interference to the broadcasting services that may result from the aggregate emissions of those devices “should at no time exceed one per cent of the total receiving system noise power”.

The WBU-TC fully supports the invitation for Working Party 1A to incorporate the above protection criteria in its CPM text, wherever emissions from short-range radio devices occur in frequencies allocated to the terrestrial broadcasting service.

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