



Radiocommunication Bureau

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Administrative Circular
CACE/371

19 December 2005

**To Administrations of Member States of the ITU and
Radiocommunication Sector Members participating in the
work of the Radiocommunication Study Groups and the Special
Committee on Regulatory/Procedural Matters**

Subject: Radiocommunication Study Group 1
– Approval of 1 new ITU-R Question

By Administrative Circular CAR/196 of 13 September 2005, 1 draft new ITU-R Question was submitted for approval by correspondence in accordance with Resolution ITU-R 1-4 (§ 3.4).

The conditions governing these procedures were met on 13 December 2005 and therefore the Question is considered approved.

The text of this Question is attached for your reference and will be published in Addendum 2 to Document 1/1 which contains the ITU-R Questions approved by the 2003 Radiocommunication Assembly and assigned to Radiocommunication Study Group 1.

Valery Timofeev
Director, Radiocommunication Bureau

Annexe: 1

Distribution:

- Administrations of Member States and Radiocommunication Sector Members
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and Special Committee on Regulatory/Procedural Matters
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- ITU-R Associates in the work of Radiocommunication Study Group 1
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

ANNEX 1

QUESTION ITU-R SM. 231/1*

Measuring technique for measuring the noise floor in radio applications

(2005)

The ITU Radiocommunication Assembly,

considering

- a) that radio noise sets a limit to the performance of radio systems and radio astronomy service;
- b) that knowledge of radio emission from natural sources is required in:
 - evaluation of the effects of the atmosphere on radiowaves;
 - allocation of frequencies to remote sensing of the Earth's environment;
- c) that the results of measurements of the noise floor, mentioned in Recommendation ITU-R P.372-8 are still based on the results made in the 70s;
- d) that the question is to which extent these levels represent those existing in today's reality and for that reason should be verified;
- e) that for that reason there is a need to develop a measuring method,

decides that the following Question should be studied

1 What frequency independent measurement methods can be used for the measurement of noise floor in radio applications?

further decides

- 1** that the results of the above studies should be included in (a) Recommendation(s) and/or Report;
- 2** that the above studies should be completed by 2007.

Category: S2

* This Question should be brought to the attention of Working Party 3J.