

# **Annex 7**

**Provisions on measurement procedures  
in the Fixed Service and the Land Mobile Service**

## PROVISIONS ON MEASUREMENT PROCEDURES

### 1. General

Administrations concerned should agree upon measurements in the following cases:

- 1.1 in cases of disagreement concerning the results of evaluation related to a specific coordination request  
(see section 4.8.2 of this Agreement)
- 1.2 to facilitate the enhancement of existing networks  
(see section 4.8 of this Agreement)
- 1.3 in cases of harmful interference between coordinated links  
(see section 5 of this Agreement)

After receipt of the request for the application of the procedures mentioned above in points 1.1, 1.2 and 1.3, Administrations concerned shall endeavor that their Monitoring Services work closely together on the bases of internationally agreed measurement procedures.

### 2. Measurements

Measurements shall be made according the latest version of the relevant CEPT/ECC/ERC Recommendation.

### 3. Report

The Monitoring Services of the Administrations involved shall cooperate closely to draft a report of the measurement results.

The results of measurements will be presented using the relevant form given in Appendices 1 and 2, depending upon the cases stated above.

**Appendix 1 to Annex 7**

**MEASUREMENT REPORT ON COORDINATION BASED ON TESTS**

**ASSIGNMENTS**

Existing assignment

Coordination reference no. (13x): \_\_\_\_\_

Frequency (1a): \_\_\_\_\_

Location (4a): \_\_\_\_\_

Coordinates (4c): \_\_\_\_\_

Polarization (9d): \_\_\_\_\_

Requested assignment

Coordination reference no. (13x): \_\_\_\_\_

Frequency (1a): \_\_\_\_\_

Location (4a): \_\_\_\_\_

Coordinates (4c): \_\_\_\_\_

Polarization (9d): \_\_\_\_\_

**TYPE OF MEASUREMENT**

Fixed point, number of points: \_\_\_\_\_

Measurements over longer time periods

Mobile

**MEASUREMENT DATA**

Number of the measurement: \_\_\_\_\_

Measured frequency: \_\_\_\_\_

Measured bandwidth: \_\_\_\_\_

Date(s) of measurement: \_\_\_\_\_

Time period: \_\_\_\_\_

**MEASUREMENT DATA (continued)**

Location: \_\_\_\_\_

Geographical coordinates (deg/min/sec): \_\_\_\_\_

Altitude measurement location: \_\_\_\_\_ m above sea level

Height measurement antenna: \_\_\_\_\_ m above ground level

Polarization of measurement antenna: \_\_\_\_\_

Customer's antenna: [ ] yes [ ] no

Description of the transmission path<sup>1</sup>: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Propagation conditions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MEASUREMENT RESULTS**

In case of measurement over a longer time period:

Quasi-maximum value (10 %): \_\_\_\_\_ dB<sub>μ</sub>V/m

Quasi-minimum value (90 %): \_\_\_\_\_ dB<sub>μ</sub>V/m

**MEASURED VALUE<sup>2</sup>:** \_\_\_\_\_ dB<sub>μ</sub>V/m

<sup>1</sup> to be indicated on a map, attached to this report in the case of mobile field strength measurements

<sup>2</sup> in case of measurement over longer time period or mobile measurement the median value should be mentioned

**Appendix 2 to Annex 7**

**MEASUREMENT REPORT ON HARMFUL INTERFERENCE**

**ASSIGNMENTS**

Interfering assignment

Administration: \_\_\_\_\_

(b) Frequency: \_\_\_\_\_

(h) Supposed location: \_\_\_\_\_

or

Direction to interfered assignment: \_\_\_\_\_

(c+d) Designation of emission (7a): \_\_\_\_\_

(e) Measured field strength: \_\_\_\_\_ dB $\mu$ V/m

(f-x) other: \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Interfered assignment

Administration reference no. (13x): \_\_\_\_\_

Frequency (1a): \_\_\_\_\_

Location (4a): \_\_\_\_\_

Coordinates (4c): \_\_\_\_\_

Class of station (6a): \_\_\_\_\_

**TYPE OF MEASUREMENT**

Fixed point, number of points: \_\_\_\_\_

Measurements over longer time periods

Mobile

**MEASUREMENT DATA**

Number of the measurement: \_\_\_\_\_

Measured frequency: \_\_\_\_\_

Measured bandwidth: \_\_\_\_\_

Date(s) of measurement: \_\_\_\_\_

Time period: \_\_\_\_\_

Location: \_\_\_\_\_

Geographical coordinates (deg/min/sec): \_\_\_\_\_

Altitude measurement location: \_\_\_\_\_ m above sea level

Height measurement antenna: \_\_\_\_\_ m above ground level

Polarization of measurement antenna: \_\_\_\_\_

Customer's antenna:  yes  noDescription of the transmission path<sup>1</sup>: \_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_

Propagation conditions: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_**MEASUREMENT RESULTS**

In case of measurement over a longer time period:

Quasi-maximum value (10 %): \_\_\_\_\_ dB $\mu$ V/mQuasi-minimum value (90 %): \_\_\_\_\_ dB $\mu$ V/m**MEASURED VALUE<sup>2</sup>: \_\_\_\_\_ dB $\mu$ V/m**

<sup>1</sup> to be indicated on a map, attached to this report in the case of mobile field strength measurements

<sup>2</sup> in case of measurement over longer time period or mobile measurement the median value should be mentioned