



BRIEF DESCRIPTION

5 Metrological device for automatically monitoring a
 broadcasting network, and a broadcasting network
 including such a metrological device

 The invention concerns a metrological device (200)
10 for monitoring an upline broadcast signal comprising a
 main component and upline control data. The metrological
 device (200) includes an extraction circuit (220) for
 extracting the upline control data from the upline
 broadcast signal and delivering an upline instruction,
15 and a measuring circuit (230) for measuring a parameter
 of the upline broadcast signal according to the upline
 instruction and delivering a measurement result.

 In accordance with the invention, the metrological
 device (200) also includes:

20 - a control circuit (250) for producing a downline
 instruction from the measurement results and an upline
 result produced by the extraction circuit (220) from the
 upline control data,

 - an insertion circuit (240) for producing a
25 downline signal to broadcast comprising firstly the main
 component of the upline broadcast signal and secondly the
 downline control data containing the downline
 instruction.

 The invention also concerns a broadcasting network
30 using such a metrological device.

 See figure 2