

The proposed method for adjusting and testing the unit for analyzing and processing signals of a radio control station and a device for the realization of the method relate to auxiliary facilities used for adjustment and diagnostics of radio equipment. The unit for analyzing and processing signals is connected, via an interface unit, to a control stand coupled with a computer. To test the parameters of the unit, a diagnostic program is used that is stored in the memory of the computer. In the testing process, input test signals are supplied to the input of the unit, and the output signals of the unit are entered into the computer and compared with reference signals in correspondence with the diagnostic program. When the signals are mismatched, an error message is displayed on the screen of the computer display, together with the data that indicate the fault element of the unit, causes of the fault, and the measures for removing the fault. To generate the said input control signals of the unit, a test signal generator and a programmed delay line in the control stand are used. The present invention provides the possibility to automate the adjustment and testing process for the unit for analyzing and processing signals, enhance the reliability of the test results, carry out the adjustment and testing process with the aid of personnel of a medium professional skill level, and reduce the time of the adjustment and testing.