

The proposed method for testing the weather resistance of the radio control station units and an automated system for the realization of the method can be used in acceptance tests of radio equipment. The method consists in measuring the parameters of the units under external climatic factors, comparing the measured parameter values with the preset values, and taking decisions on operability or inoperability of the units depending on the comparison results. In carrying out the testing procedure, the units are divided into groups depending on the types of climatic factors, and the units of each group are installed in chambers for climatic tests of equipment and connected to the corresponding control stands. The inputs and outputs of the control stands are coupled via a local data communication network, to which standard measuring devices, programmable test facilities, and a computer are connected. To test the units, a diagnostic program is used that is stored in the memory of the computer. The units installed in each chamber for climatic tests are exposed to specified climatic factors according to the diagnostic program. In the testing process, at least three values of each tested parameter are determined, the parameter values are averaged, and the averaged values are compared with reference values. The present invention provides the possibility to automate the adjustment and testing process for the units of a radio control station, 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 expenses in connection with the adjustment and testing.