

5.2.3. THE ROLE OF NON-DESTRUCTIVE TESTING METHODS (NDTM) IN HARMONIZATION OF SPACE ELECTRONIC COMPONENTS BASIS TEST OPERATIONS IN RUSSIAN FEDERATION AND WESTERN EUROPE

Danilin N.S.,
Federal State Unitary Enterprise “RNII KP”, Moscow, Russia

One of the most important interaction tasks in the area of space information technologies is the comparison of satellite electronic components basis (ECB) certification systems in Russia and Western Europe. In the present article results of analysis of this comparison are given. On its basis coordinated ECB certification and test operations procedures were created for the new generation GLONASS.

A comparative analysis of Russian and West-European standards in the area of ECB certification and test operations on the basis of NDTM was conducted by Russian specialists. These results made it possible to conceive main recommendations for harmonization of Russian and West-European ECB requirements.