

Marek Sumiła: Issues of Approval Into Service the New VHF Radios for the Needs of Railway Radio Communication in Poland

In the article there were presented requirements for analog transceivers for wireless communication on Polish rail network managed by PKP PLK S.A. There were characterized as follows: VHF rail system, criteria for approval by the the Office of Rail Transport (UTK) device type to be used on Polish railways and the approval process. There were described research possibilities of the Signalling and Testing Laboratory of the Railway Research Institute in the field of analysis of the manufacturer's documentation and carrying out laboratory tests of device type conformity to set requirements.

Keywords: certification, railway radio communication, VHF radio