



ITU Regional Workshop «How to achieve interference free communication at the current technological stage»

ITU regional workshop «How to achieve interference free communication at the current technological stage» took place in Minsk, Republic of Belarus from 10 to 11 April 2019 at the invitation of the Ministry of Communication and Informatization of the Republic of Belarus.

The workshop was attended by over 60 participants from Communication Administrations, regulators, operators, vendors, research and development institutions and private sector from 15 countries and also ITU Radiocommunication Bureau, ITU Telecommunication Development Bureau.

The workshop was held in Russian and English.

The workshop considered and discussed a series of questions related to interference free communication at the current technological stage grouped around two main directions:

1. Policy and regulatory measures to ensure interference free communication, including:
 - a. ITU documents related to this issue;
 - b. relevant activities of the ITU Radiocommunication Bureau
 - c. process to report and consider interference by communication administrations;
 - d. national spectrum management systems;
 - e. approaches to long-term spectrum management;
 - f. specifics of EMC provision when implementing IMT systems;
 - g. activities of the ITU Regional Office.
2. Technical measures to ensure interference free communication, including:
 - a. technologies, methods, means and systems of radio control;
 - b. controlling emission of terrestrial and satellite systems;
 - c. monitoring interference in terrestrial and satellite systems;
 - d. using software and computer modeling of interference landscape.

Workshop participants noted:

1. high scientific and technical level and practical value of presentations;
2. need to apply provisions of the ITU documents (Constitution, Convention, Radio Regulations, ITU-R Recommendations, ITU-R Reports, ITU-R Handbooks etc.) to ensure interference free communication;
3. importance of interaction between administrations and Radiocommunication Bureau and application of BR tools (software and databases) to help ensure interference free communication of radiocommunication systems and stations;

4. that it is reasonable to apply automatic emission control systems to increase efficiency of spectrum and satellite orbits usage;
5. need to share experience on how to improve emission control systems;
6. that it is reasonable to regularly organize workshops dedicated to spectrum and satellite orbits management.

Workshop participants expressed sincere gratitude to the Ministry of Communication and Informatization of the Republic of Belarus, ITU for having excellently prepared, organized and conducted the workshop.
