



INTERNATIONAL EMF PROJECT ADVISORY COMMITTEE (IAC) MEETING

Anatel Report on EMF Activities in Brazil

1. Introduction

The main purpose of this document is to present an update of what has been done in Brazil regarding Electromagnetic Fields – EMF since the IAC meeting in June 2019.

2. Activities related to EMF Exposure

As mentioned on last year's report, Anatel established an Action Plan for the NIR (non-ionizing radiation) program to accomplish with the obligations determined in the Federal Law No. 11,934. This Action Plan is in force and is focused on monitoring equipment installed on vehicles, to obtain the current EMF exposure values in large areas. The methodology of this program is based on ITU-T Rec.K.113 - Generation of radiofrequency electromagnetic field level maps. Now it is under development a data base to store the data needed aiming to make it publicly available.

3. New policies and legislations regarding EMF Exposure

The Federal Law No. 11,934 provides that, in order to guarantee the protection of health and the environment throughout the Brazilian territory, the EMF exposure limits recommended by the World Health Organization - WHO are adopted. Noting that, as long as new recommendations are not made by the World Organization of Health, the limits of the International Commission for the Protection against Non-Ionizing Radiation - ICNIRP will be adopted.

Anatel, the regulatory agency responsible for EMF exposure, had already regulated the law through Resolution No. 700/2018 and defined procedures for assessing compliance with EMF exposure limits in line with the last version of the Recommendation ITU-T K.100 (07/2019).

In this sense, we follow the recent publication of the new Guidelines by ICNIRP and we are evaluating the need for any modification in the regulation or in the procedures for assessing compliance with EMF exposure limits, in order to maintain compatibility with the new Guidelines.

4. New public information activities

As the result of the Action Plan explained above, Anatel will publish a radiofrequency electromagnetic field level map, in order to show the population that NIR levels are being monitored and are under control. The EMF level map will have the results of human exposure measurements carried out by the Anatel and the private sector. This action is also part of a Government Open Data program.

5. Final comments

Finally, ANATEL continues to keep an open dialogue with society, operators, lawmakers and other governmental authorities to present clear information about what is being done in Brazil and worldwide regarding EMF exposure issues, always following WHO points of view.