



19TH INTERNATIONAL ADVISORY COMMITTEE MEETING

Anatel Report on EMF Activities in Brazil

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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 18th IAC meeting in June 2012.

2. ACTIVITIES RELATED TO EMF EXPOSURE

The National Telecommunications Agency (ANATEL) normally participates in workshops and public audiences emphasizing that there are technical aspects that should be in local legislation, and others that are Anatel's responsibility.

In 2013 and beginning of 2014 Anatel has almost doubled its capability of EMF evaluation, with acquisition of new broadband measurement equipment and EMF monitoring equipment. New Spectrum Management software is being implemented. This software has an EMF Exposure package, which provides signal propagation predictions, and will be integrated with measurements results. This software will replace the consultation on "Exposure Map", available at <http://sistemas.anatel.gov.br/sigwebmaprni/index.zul> (available only in Portuguese).

It should be emphasized that the online system to attend the NIR Law has been developed and will enable operators of telecommunications services to present measurements performed, showing compliance to limits of electromagnetic fields in the base stations installations.

3. NEW POLICIES AND LEGISLATIONS REGARDING EMF EXPOSURE

Regarding the legislation, it is important to mention that the "Antenna's Law", an umbrella to guide municipalities against a series of different laws on this topic and that aims to establish general rules for base stations (BS) deployment, acting as guidelines for municipalities, remains under discussion in the Chamber of Deputies of Brazil.

In Brazil there are more than 100 local laws establishing different rules for BS installations. Quite often, local laws establish very restrictive requirements for BS installation.

Additionally, the technical staff of Anatel finished the Preliminary Draft New Resolution (PDNR), that, when approved, will update the national regulation, in force since 2002, with best practices for the evaluation of the human exposure to EMFs in the vicinity of radiocommunication stations. The PDNR will be submitted to ANATEL's Board, for Public Consultation Approval in the second semester of this year.

4. FINAL COMMENTS:

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