



*News Release*

## **Telecommunications Signal Levels continue to be significantly below the levels recommended by WHO**

### **TRA releases report on the ambient level of radio signals emitted from telecoms masts**

Manama, Kingdom of Bahrain - Tuesdays 10 May 2011

The Telecommunications Regulatory Authority (TRA) has released the first of its quarterly reports for 2011 on the ambient level of radio signals transmitted from telecommunications masts in the Kingdom of Bahrain. The report reveals that the levels of radio signals measured at all sites are very significantly below the limits by set international guidelines that have been adopted by the Commission for the Protection of Marine Resources, Environment and Wildlife in Ministerial Order No. 4 of 2009.

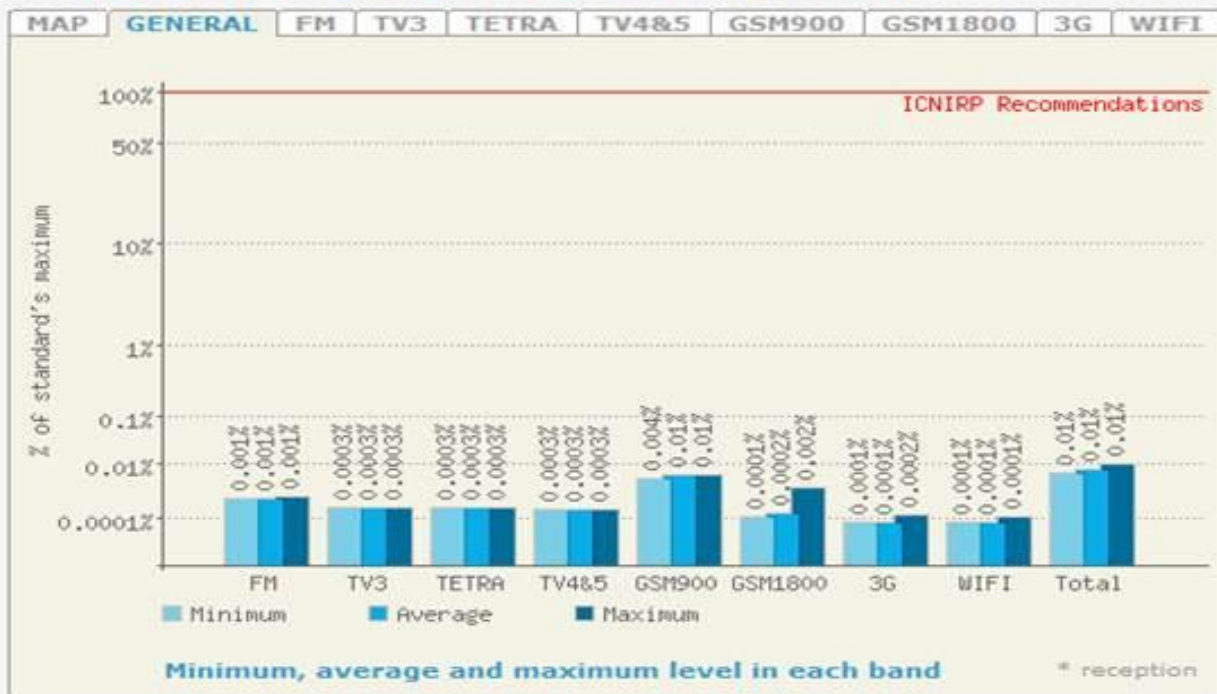
In the report, TRA presents the results of measurements performed at 12 public sites during January to March of 2011. The highest total exposure level for a typical public site measured during the quarter was very small at 0.01% of the maximum level permitted by Ministerial Order No. 4. as shown in the Figure below.

“TRA has been measuring and reporting on ambient radio signal levels in the Kingdom for 2 years and we are happy to see the compliance of licensed operators with Ministerial Order No. 4 of 2009” said TRA’s Technical and Operations Director, Mr. Mohammed Mahmood.

Mr. Mahmood went on to say “This report is consistent with the previous reports in its findings that, public exposure to radio signals emitted from telecommunications masts is significantly below international guidelines.”

In order to deliver high quality wireless telecommunications services and meet the growing public demand for such services, it is necessary for wireless telecommunications service providers to install masts and antennas close to residential and commercial areas where the users are located. This, in turn, has raised understandable concerns from the public regarding the increasing number of masts. The Ministry of Municipalities who is the body responsible for providing permits and approvals for building telecommunications mast is engaging with relevant public bodies, including TRA in place a set of guidelines and standards for installing new masts.

## [ OVERVIEW OF RESULTS FOR EACH BAND ]



## [ INFORMATION ]

Measurement campaign finished

- Beginning on : 01/10/2011
- Ending on : 01/12/2011
- Last measurement : 01/12/2011

## [ LOCATION ]

Bu Quwah-Block 455

Latitude : 26° 12' 4  
Longitude : 50° 31' 0

The full 2011- Q1 report and previous reports for 2010 and 2009 can be found on the TRA website at [www.tra.org.bh](http://www.tra.org.bh).

## **About TRA**

Since its establishment in 2002 the Telecommunications Regulatory Authority of the Kingdom of Bahrain (TRA) has been working with government, consumers, operators and investors to develop the Kingdom of Bahrain into the region's most modern communications hub and to facilitate the growth of the market. As an exemplary Regulator for the region, TRA independently carries out its duties in a transparent and non-discriminatory manner. More information about TRA can be viewed at [www.tra.org.bh](http://www.tra.org.bh)