



འབྲུག་བཅའ་དྲོན་བརྒྱུད་འཕྲེལ་དང་བཅའ་བརྒྱུད་དབང་འཛིན།
དཔལ་ལྷན་འབྲུག་གཞུང་།

BHUTAN INFOCOMM AND MEDIA AUTHORITY
ROYAL GOVERNMENT OF BHUTAN



EMF Safety Standards of Mobile BTS

In order to ensure that all telecommunications Base Transceiver Station (BTS) are safe and secure, the Authority carried out the measurement of all BTS of mobile cellular in Thimphu, Phuentsholing, Gelephu and Paro Thromde and its peripheral areas. The measurement was carried out using R & S (Rhode and Schwarz) TS-EMF Measurement System. All EMF (Electromagnetic Field) radiation measurement is carried out in far field region of the each BTS Tower (approximately 30 m to 50 m away from the BTS Tower).

The Authority continued to monitor the latest safety standards as recommended by the International Commission on Non-ionizing Radiation Protection (ICNIRP) and the World Health Organization (WHO) to ensure that the standard adopted for Bhutan remains current.

Findings

While measuring the exposures in all base stations under, Thimphu, Phuentsholing, Gelephu and Paro area it was found that the maximum EMF exposures are lower than the international exposure limits.



Issued in Public Interest by Bhutan InfoComm and Media
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