

No. 18-10/2008-IP
Government of India
Ministry of Communications & IT
Department of Telecommunications
Investment Promotion

1209, Sanchar Bhawan, 20, Ashok Road,
New Delhi - 110001.

Dated January 25, 2012

Office Memorandum

Subject: Specific Absorption Rate (SAR) value for Mobile Phones

You are aware that Government had adopted International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for mobile phones according to which the specific observations rates value for mobile phones was 2 Watts per Kg averaged over 10 gram tissue.

2. Further, an Inter-Ministerial Committee was constituted by the Department of Telecommunications consisting of officers from the Department, Indian Council of Medical Research, Ministry of Health, Department of Bio-technology and Ministry of Environment and Forests to examine the effect of EMF Radiation from mobile phones and base stations. The Committee had given some recommendations on EMF radiations from mobile phones, which were under consideration of this Department.

3. I am directed to convey that as a precautionary measure, this Department has accepted the following recommendations regarding mobile phones:-

- i) SAR level for mobile handset shall be limited to 1.6 Watt/Kg, averaged over a mass of 1 gram of human tissue.
- ii) SAR level shall be displayed on the handset.
- iii) All Cell-phone handsets sold in the market in India shall comply with relevant BIS standards and shall be with hand free devices.
- iv) SAR value information of the mobile handsets shall be available on the manufacturer's website and in the handset's manual. The information on SAR values shall be made available to the consumer at the point of sale.
- v) Mobile handset manufactured and sold in India or imported from other countries shall be checked for compliance of SAR limit.
- vi) The manufacturers in India shall provide self declaration of SAR value of the handset. In respect of imported handset from other countries, manufacturers apart from self declaration of SAR shall specify the SAR information in their documents for verification by the appropriate authority. Suitable amendments in the Indian

Contd.-2/-

Telegraph Rule under Indian Telegraph Act 1985 shall be enacted for strict compliance.

- vii) Manufacturer's mobile handset booklet shall contain the following safety precautions:
- Use a wireless hands-free system (headphone, headset) with a low power Bluetooth emitter.
 - Make sure the cell phone has a low SAR.
 - Keep your calls short or send a text message (SMS) instead. This advice applies especially to children, adolescents and pregnant women.
 - Use cell-phone when the signal quality is good.
 - People having active medical implants should preferably keep the cell phone at least 15 cm away from the implant.
- viii) List of SAR value of different mobile phones shall be uploaded on DOT/TEC website.

4. Keeping in view the above, I am directed to instruct you to make necessary changes in the design, software and packaging for compliance to above instructions on or before 1st September, 2012. All the manufacturers, indigenous as well as imported will provide a self declaration in respect of SAR value of 1.6 Watt per kg averaged over 1 gram tissue based on certificate from internationally accredited lab or accredited by Telecom Engineering Centre (TEC), India directly to TEC with a copy to this Department for necessary action. Such self declared SAR limits shall be subjected to TEC audit as and when required.



(Rajesh Kumar Pathak)
Deputy Director General (IP)
Tel: +91 11 23717542
www.dot.gov.in

To

- All the Indigenous Mobile Manufacturers
- The National President, Indian Cellular Association, New Delhi.
- Director General, TEMA, New Delhi.

Copy to:

- Sr.DDG, TEC, Khurshidlal Bhawan, New Delhi.
- SrDDG(BW) for information please.
- DIR(IT) for posting on DoT website and also creating a link with TEC SAR value page.