



Stringent EMF radiation norms are operational in India-Manoj Sinha

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The Minister of Communications Shri Manoj Sinha said that for provision of seamless services including advanced facilities like 4G, 5G and Internet of Things (IoT), the Telecom Service Providers (TSPs) are required to expand their network so as to ensure adequate coverage at all the locations where such services are required to be provided. In a written reply to a question in the Lok Sabha, he said that as on 31-05-2017, there are total 4,48,273 mobile towers installed by different TSPs in the country.

On the issue of EMF radiation from the mobile towers, he said that the Department of Telecommunications (DoT), in the year 2008, adopted the International Commission on Non Ionizing Radiation Protection (ICNIRP) guidelines that are recommended by World Health Organization (WHO) for basic restriction and limiting reference levels of electromagnetic radiation from mobile towers. Based on the recommendations of an Inter-Ministerial Committee (IMC), with effect from 01.09.2012, these limits have been made ten times more stringent than the limits prescribed by ICNIRP and recommended by WHO.

The Minister said that the present limit/level of Specific Absorption Rate (SAR) for Mobile Handsets in India is also one of the most stringent in the world and is 1.6 Watt per Kg averaged over a mass of one-gram human tissue, at par with USA, Canada and Australia, as against the global standards prescribed by ICNIRP of 2 W/kg averaged over a mass of 10 gm tissue and adopted by China, Singapore, Ghana, Brazil, Japan, Nigeria, Republic of Korea etc.

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