

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:2208
ANSWERED ON:07.12.2011
INTERNET ACCESS THROUGH TV SPECTRUM
Patil Shri A.T. Nana

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the television spectrum is able to provide internet access over much larger distances than traditional WiFi;
- (b) if so, the details thereof and the present status of the research in the world in this regard;
- (c) whether the Government proposes to conduct any research in the country; and
- (d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA)

(a)to(d) As per Radio Regulations and provisions of National Frequency Allocation Plan-2011 (NFAP-2011), television spectrum used in VHF 47-68 MHz & 174-230 MHz and in UHF 470-960 MHz. In the present context the UHF frequency band 698-806 MHz has been identified by World Radiocommunication Conference of International Telecommunication Union (ITU) for International Mobile Telecommunication (IMT) applications. WiFi uses 2.4 GHz band which is a delicensed band and its coverage is restricted. In India the frequency band 698-806 MHz for IMT is proposed to be used as per best international practices and as per channeling plan approved by ITU.