



The National Frequency Allocation Plan 2025 (NFAP-2025) released by DoT to take effect from 30 December 2025, aligning India with global spectrum standards

Expanded allocations to support 5G, 5G Advanced, future 6G, satellite broadband, and V2X technologies

New identification of 6425–7125 MHz for IMT and Ka/Q/V bands for next-generation satellite services

Enhanced spectrum provisions for In-Flight and Maritime Connectivity (IFMC)

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The Department of Telecommunications (DoT), Ministry of Communications, released the National Frequency Allocation Plan 2025 (NFAP-2025) — a key policy document that governs the management and allocation of radio-frequency spectrum in India. NFAP-2025 will come into effect from **30 December 2025**.

The NFAP-2025 will provide the allocation of radio-frequency spectrum to various radio-communication services in the frequency range **8.3 kHz to 3000 GHz**. It serves as an essential reference for spectrum managers, wireless operators, and telecom equipment manufacturers.

Key Enhancements in NFAP-2025

NFAP-2025 introduces several strategic and future-ready revisions to meet the growing spectrum demand for next-generation technologies:

- **Identification of the 6425–7125 MHz band for International Mobile Telecommunications (IMT)**, significantly enhancing mid-band spectrum availability for **5G, 5G Advanced, and future 6G networks**.
- **Allocation of Ka, Q, and V bands for satellite-based services**, crucial for high-throughput Geo-Stationary Orbit (GSO) satellites and large non-GSO satellite constellations.
- **Additional spectrum for In-Flight and Maritime Connectivity (IFMC)** to ensure seamless broadband access in the air and at sea.
- Support for emerging technologies such as **Vehicle-to-Everything (V2X) communication, LEO/MEO satellite services**, and expanded broadband connectivity solutions.

These enhancements will ensure that India's spectrum management remains responsive, high-capacity, and harmonised with global standards, supporting both current and future digital innovations, which will help in enhancing development of eco-system in India.

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