November 9, 2026

DOT

Revised TEC standard for 2.4, 5 and 6 GHz equipment

DoT S.O. 6180(E) notifies revised standard TEC59432610 for equipment in the 2.4, 5 and 6 GHz bands; the existing standard runs alongside it for ninety days.

THE DEPARTMENT OF Telecommunications (DoT) has notified a revised standard for telecommunication equipment: TEC59432610 Essential Requirements, "Equipment Operating in 2.4 GHz, 5 GHz and 6 GHz Bands". The notification, S.O. 6180(E), dated November 9, 2026, appears under the Telecommunication Engineering Centre (TEC) heading of the Ministry of Communications. The revised standard takes effect from the date the notification is published in the Official Gazette.

KEY FACTS

AUTHORITY

DoT

PUBLISHED

November 9, 2026

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Ministry of Communications, Department of Telecommunications (Telecommunication Engineering Centre)

DOCUMENT

Notification S.O. 6180(E)

Revised TEC standard for 2.4, 5 and 6 GHz equipment

DoT · November 9, 2026

The Department of Telecommunications (DoT) has notified a revised standard for telecommunication equipment: TEC59432610 Essential Requirements, "Equipment Operating in 2.4 GHz, 5 GHz and 6 GHz Bands". The notification, S.O. 6180(E), dated November 9, 2026, appears under the Telecommunication Engineering Centre (TEC) heading of the Ministry of Communications. The revised standard takes effect from the date the notification is published in the Official Gazette.

For ninety days from that date, the existing standard and the revised standard for essential requirements remain in force at the same time. After that, only the revised standard applies.

S.O. 6180(E) is made under section 19 of the Telecommunications Act, 2023 (44 of 2023), read with rule 5 of the Telecommunications (Framework to Notify Standards, Conformity Assessment and Certification) Rules, 2025. It was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), No. 5941, dated November 12, 2026 (CG-DL-E-12112026-277868). Rajeev Kumar Tyagi, Deputy Director General, signed it under F. No. 24-02/2025-STD/TEC-Part (1).

The notification doesn't name the existing standard by number, doesn't list what changed in the revision, and doesn't give a calendar date for the end of the ninety days.

Issued by	Ministry of Communications, Department of Telecommunications (Telecommunication Engineering Centre)
Document	Notification S.O. 6180(E)
Dated	November 9, 2026
Published	Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), No. 5941, November 12, 2026 (CG-DL-E-12112026-277868)
Legal basis	Section 19, Telecommunications Act, 2023 (44 of 2023); rule 5, Telecommunications (Framework to Notify Standards, Conformity Assessment and Certification) Rules, 2025
Revised standard	TEC59432610 Essential Requirements, Equipment Operating in 2.4 GHz, 5 GHz and 6 GHz Bands
Takes effect	From the date of publication in the Official Gazette
Existing standard	Stays in force alongside the revised one for ninety days from publication, then only the revised standard applies
Signed by	Rajeev Kumar Tyagi, Deputy Director General

File number	F. No. 24-02/2025-STD/TEC-Part (1)

The notification (PDF, 705 KB)

Source: Gazette of India, Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), No. 5941, November 12, 2026 (CG-DL-E-12112026-277868).

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