

# How Radio Spectrum Impacts CSPs' 5G Deployment and Monetization

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CIOs at communications service providers must enable 5G monetization under their limited radio spectrum assets to create 5G services value beyond connectivity. The attached deck aims to help CIOs optimize network and IT platforms, refine their spectrum strategy and align capabilities for value creation.

## Overview

CSPs possess various radio spectrum bands including low, middle and high bands allocated for legacy cellular systems or new 5G implementations, and it is critical they use their limited radio spectrum assets to win the competition.

This report covers three main areas:

- 5G spectrum standardization and fragmentation
- Factors affecting CSPs' 5G spectrum strategies
- Example cases: T-Mobile in the U.S. and KDDI in Japan

CIOs at CSPs can use this presentation to refine their spectrum strategy, streamline technology platforms development related to 5G and align these capabilities for value creation.

## Recommended by the Authors

[Market Insight: Impact of 5G Radio Spectrum Fragmentation](#)

[Magic Quadrant for 5G Network Infrastructure for Communications Service Providers](#)

[Hype Cycle for the Future of CSP Networks Infrastructure, 2021](#)

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