

Analysis of Change in Chinese Telecoms' 5G Deployment Plans Following China's Early 5G Commercialization

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Abstracts

On June 6, 2019, China's MIIT (Ministry of Industry and Information Technology) granted 5G licenses to China's three major telecom operators including China Mobile, China Telecom, and China Unicom, as well as China Broadcasting Network, allowing them to provide commercial 5G services. This move marks the commercialization of 5G six months ahead of schedule. The Chinese government's decision to grant 5G licenses ahead of schedule is to keep up with the US, Korea, Switzerland, and the UK which have launched commercial 5G services. By doing so, the Chinese government hopes to boost domestic demand to help Huawei overcome the US ban which has affected its business dramatically. This report provides an overview of 5G service licenses granted to three major Chinese telecom operators as well as China Broadcasting Network, looks at their 5G network coverage, and examines how their 5G network structure has shifted from SA (Standalone) 5G NR to NSA (Non-standalone) 5G architecture.

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LIST OF COMPANIES

China Broadcasting Network

China Mobile

China Telecom

China Unicom

Datang Telecom

Ericsson

Huawei

ITU

Nokia

ZT

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