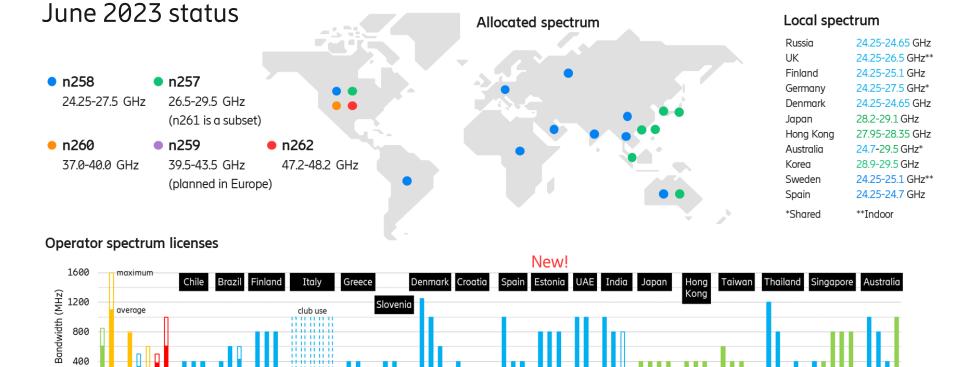




Claro WOM Claro Vivo TIM Elisa Telia





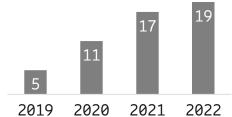
26 or 28 GHz
Global pioneering bands

400-1000 MHzTypical per operator

Local spectrum

Quite common

Countries with awarded 5G mmWave spectrum



AIS TUC DTAC TOT TPG TPG Singtel M1

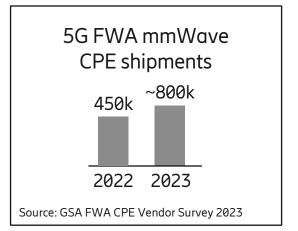




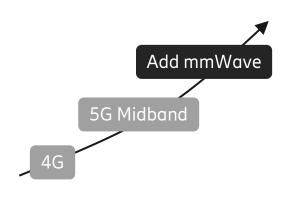
By 2028, FWA connections is forecasted to reach over 300 million

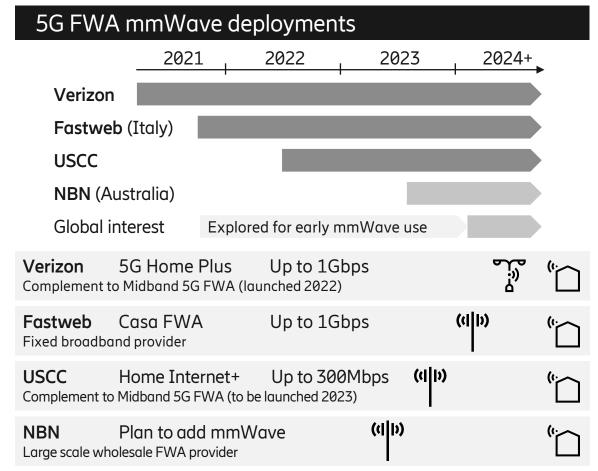
300M

Source: Ericsson Mobility Report (Jun. 2023)



mmWave for 5G FWA wireless fiber capacity and speed in selected areas





Best prepared for new services and business



Early Adoption Industrial & Enterprise

- Reliable and secure replacement for wire and Wi-Fi
- Robotics and cloud control demands very high reliability at very low latency
- Flexible factory floor layout that allows mobile use with no interruptions
- Enhanced VR experience
- Uplink heavy traffic for video streams from multiple 8k 360 cameras during crowded events



URLLC capability for advanced automation
Optus News



Exploration in production indoor and outdoor



5G mmWave in our own production



Enhanced VR experience in entertainment

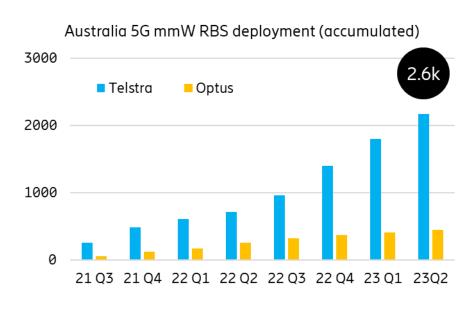




Media production 8k 360 degree

Australia





Source: Data from ACMA register of radiocommunications licenses

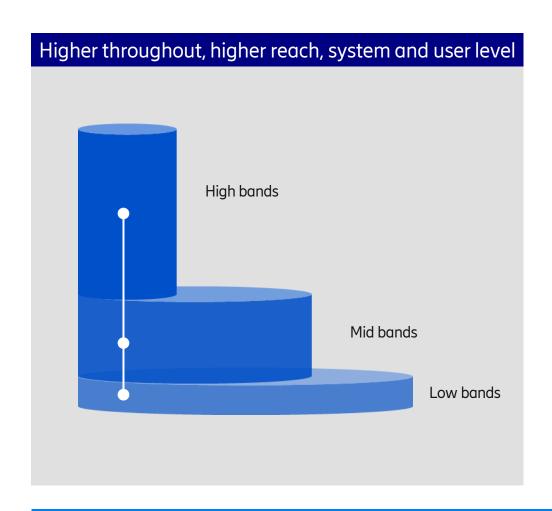
n258 *aka* 26GHz Telstra 1000MHz Optus 800MHz

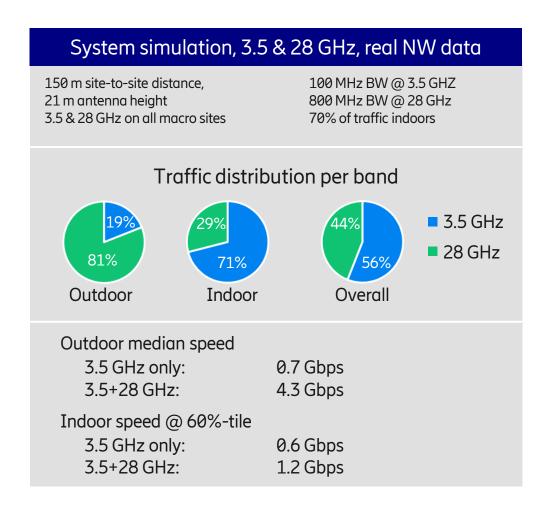


Source: Data from ACMA register of radiocommunications licenses

Aggregate bands, optimize performance







High bands add significant throughput & capacity to 5G

