

5G Gear Up, Time Waits for No One

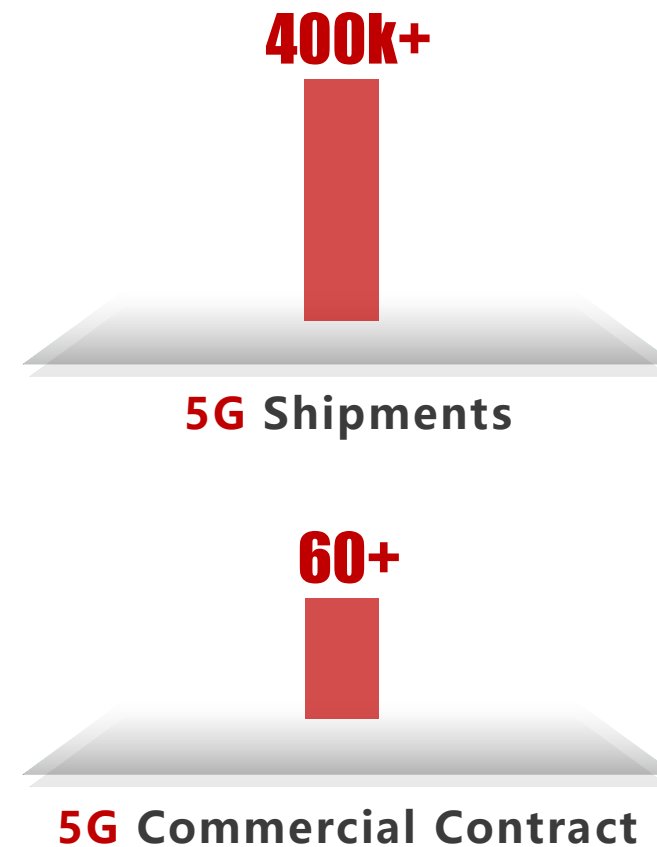
Chaobin Yang

President of Huawei 5G



HUAWEI

Huawei Keeps Steady Growth in 5G



Killer Experience Comes First before Killer Application

Gbps User Experience all over the World

17.5X DL Speed

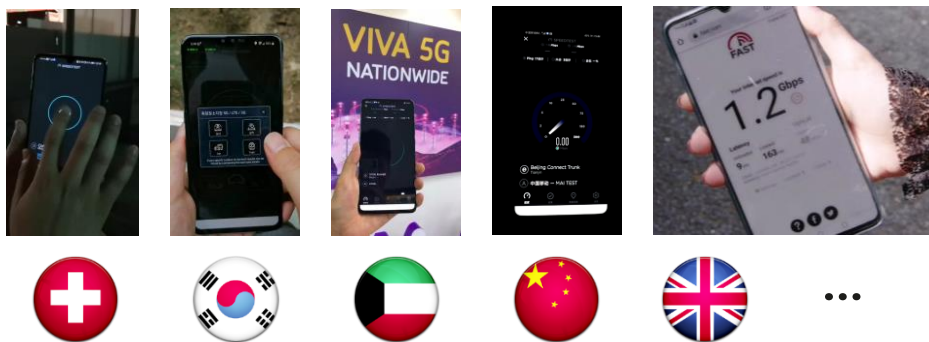


4K Video in 2S



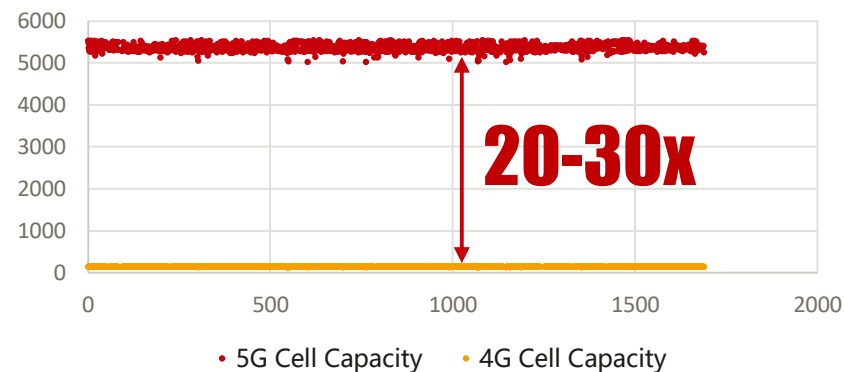
Human impatience is also an important 'Killer app'

* Source: Sunrise, Switzerland, Zurich



20-30 Times of 4G Capacity at Hotspot Zone

100 5G Smart Phones



* Source: CMCC, China, Hangzhou

5G FWA: Reshaping Home Broadband Experience

Digital Divide Blocks ~50% Home Access

Unconnected Home



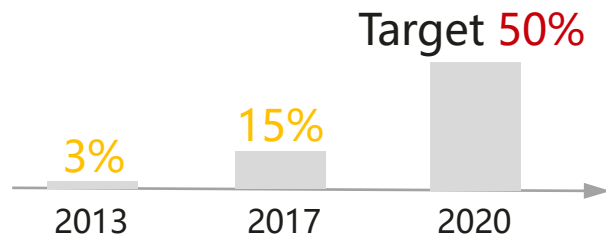
Global 47%, 9.5 billion

* Source: ITU 2018

Target Home Access

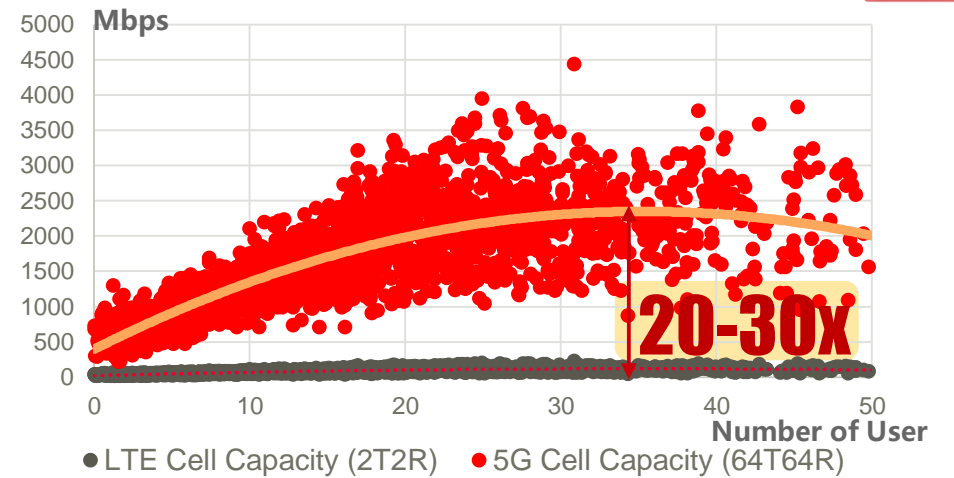


100 Mbps in 2020



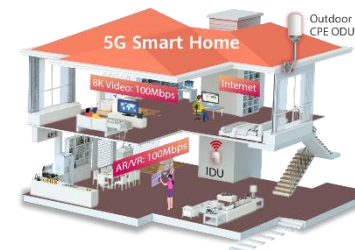
* Source: ECA: Broadband in the EU Member States 2018

5G FWA Provides 20-30x Capacity



Source: Philippine Carrier G

5G Home Access



- ◆ Gbps Throughout
- ◆ Easy Deployment
- ◆ Fast ROI

Together with Industry Leaders to Explore 5G New Business

Explorations of 5G Enabled Digitalization



Smart Media:
5G Live Broadcast
50-100Mbps



Connected Car:
TOD & Platooning
50Mbps/10ms



Remote Education
50Mbps-1Gbps



E-Health :
Remote Diagnose
50-100Mbps/20ms



Smart Factory
50-100Mbps/10ms



Remote Control
of Mining
50Mbps/20ms

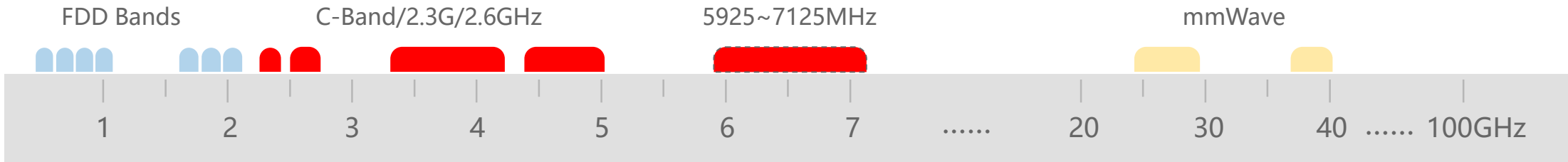
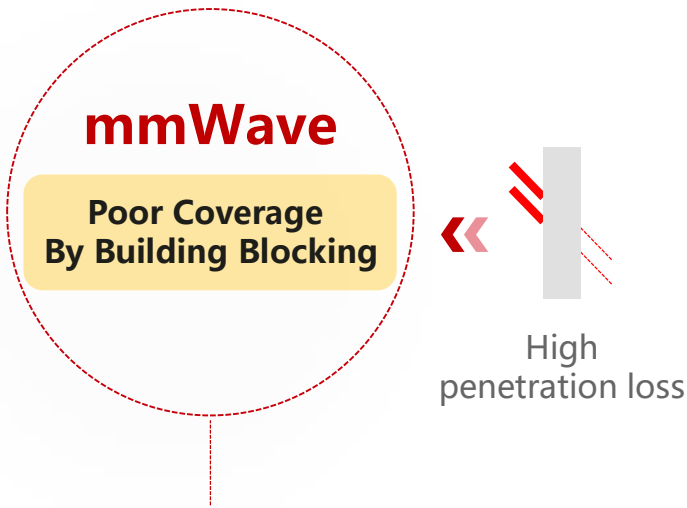
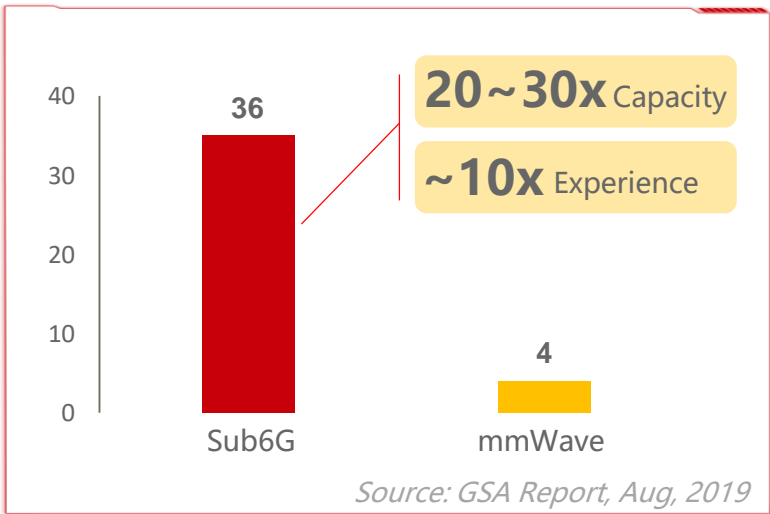
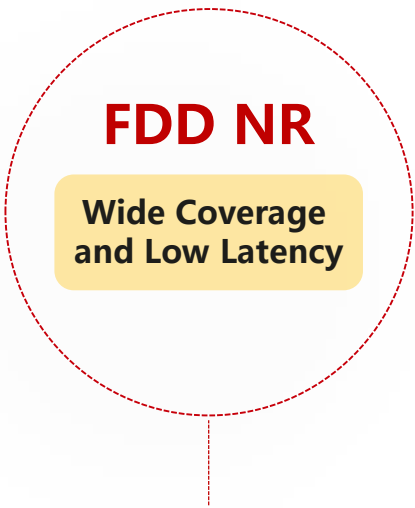
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More Collaborations Required for Business Success



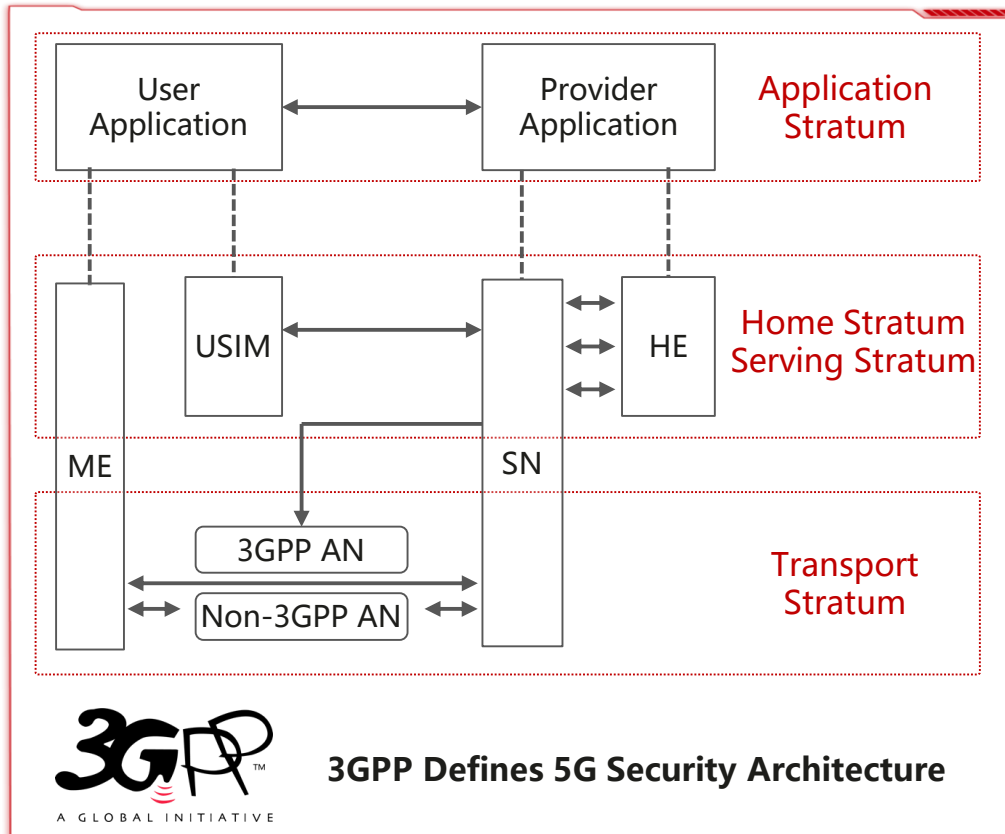
All Bands to 5G, to Fulfill the Promises of Ultimate Experiences

Mid-Band: 36 of 40 Operators Launched 5G For Best Investment Efficiency

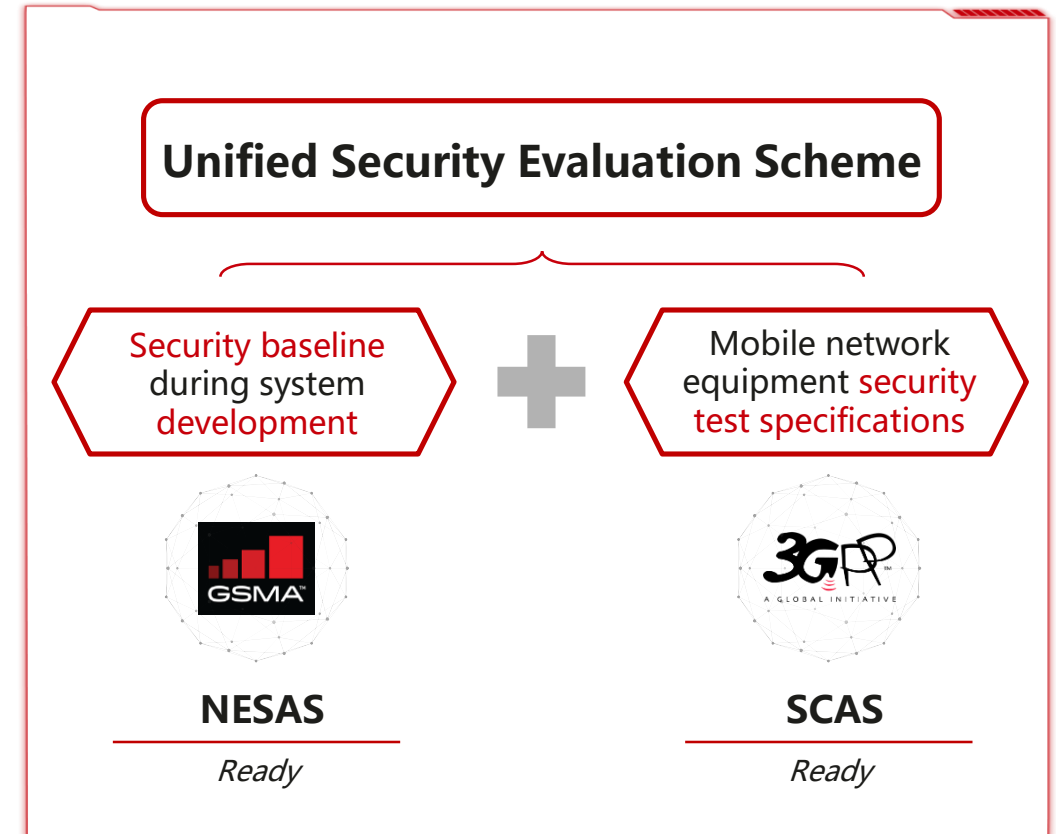


5G Security Requires the Joint Efforts of the Whole Industry

Stratum Separated 5G Security Architecture



Global Unified Security Evaluation Scheme Required



**Huawei Is Committed to
Bring Digital to Every Person, Home and Organization
for a Fully Connected, Intelligent World**

Thank you.