

Qualcomm
snapdragon



Durga Malladi

SVP & GM, 4G/5G
Qualcomm Technologies, Inc.

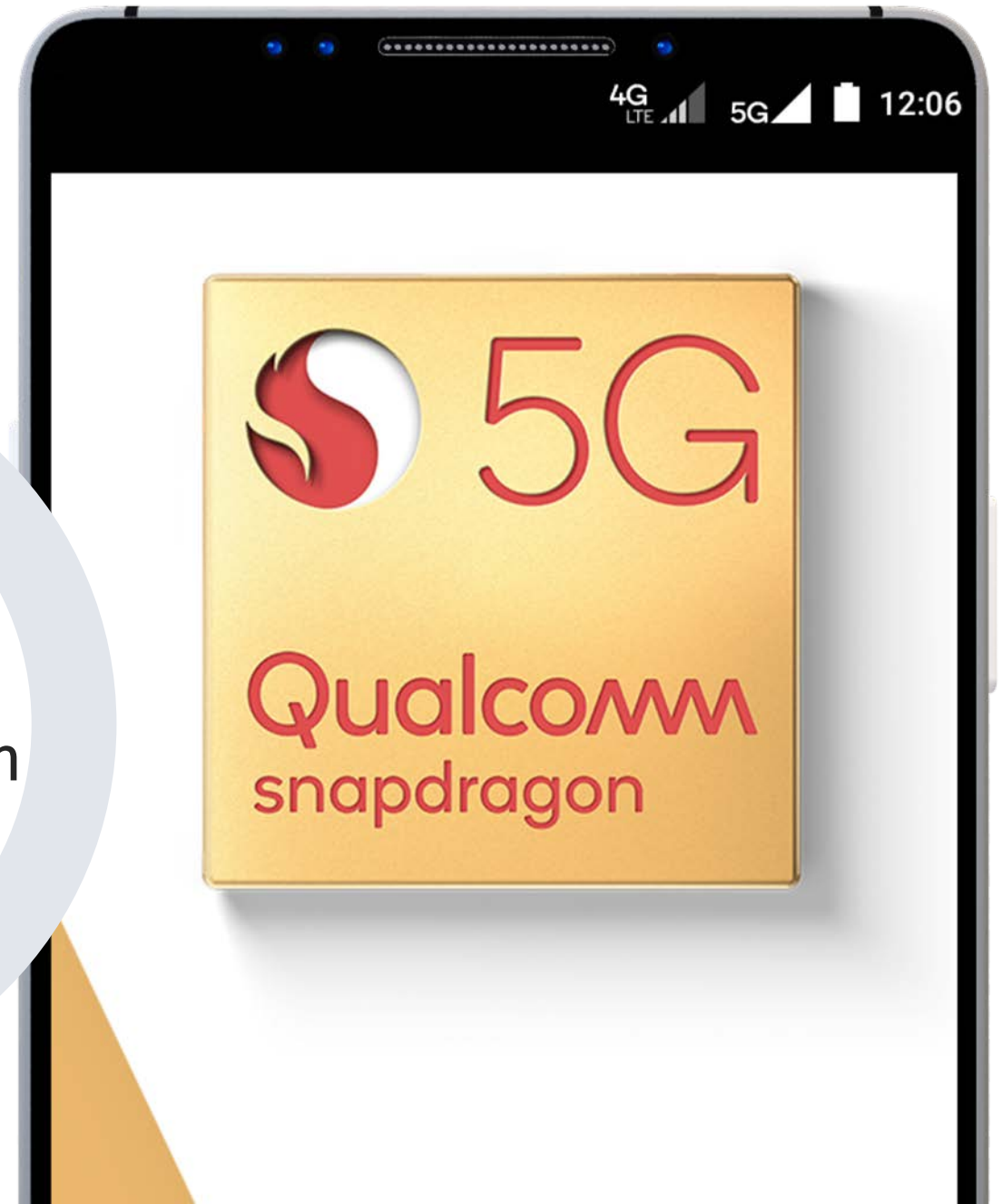


Enter the decade of
Multi-Gigabit
wireless connectivity

Snapdragon 855 brings
mobile 5G
to the world

**World's
First**

5G Mobile Platform
for mmWave &
sub-6





Snapdragon X24 modem

Wi-Fi/BT/Location

Integrates
World's First
2 Gbps LTE
modem

7 nm

14 nm RF chip

Cat 20

7x Carrier Aggregation

20 LTE layers

Enables **90%** of operators
achieve Multi-Gigabit LTE

Snapdragon X24 modem

Wi-Fi/BT/Location

Spectra 380



World's First

Integrated
Wi-Fi 6-ready
solution for mobile

8x8 sounding

High
capacity

Target wakeup time

Power
efficiency

WPA3

Advanced
security



60 GHz Wi-Fi

World's First 11ay-based Wi-Fi solution for mobile

10 Gbps

Wire-equivalent latency

Adreno 640

Snapdragon X24 modem

Hexagon 690

Wi-Fi/BT/Location

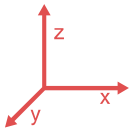
Spectra 380

Kryo 485

Rethink smartphone architecture for 5G



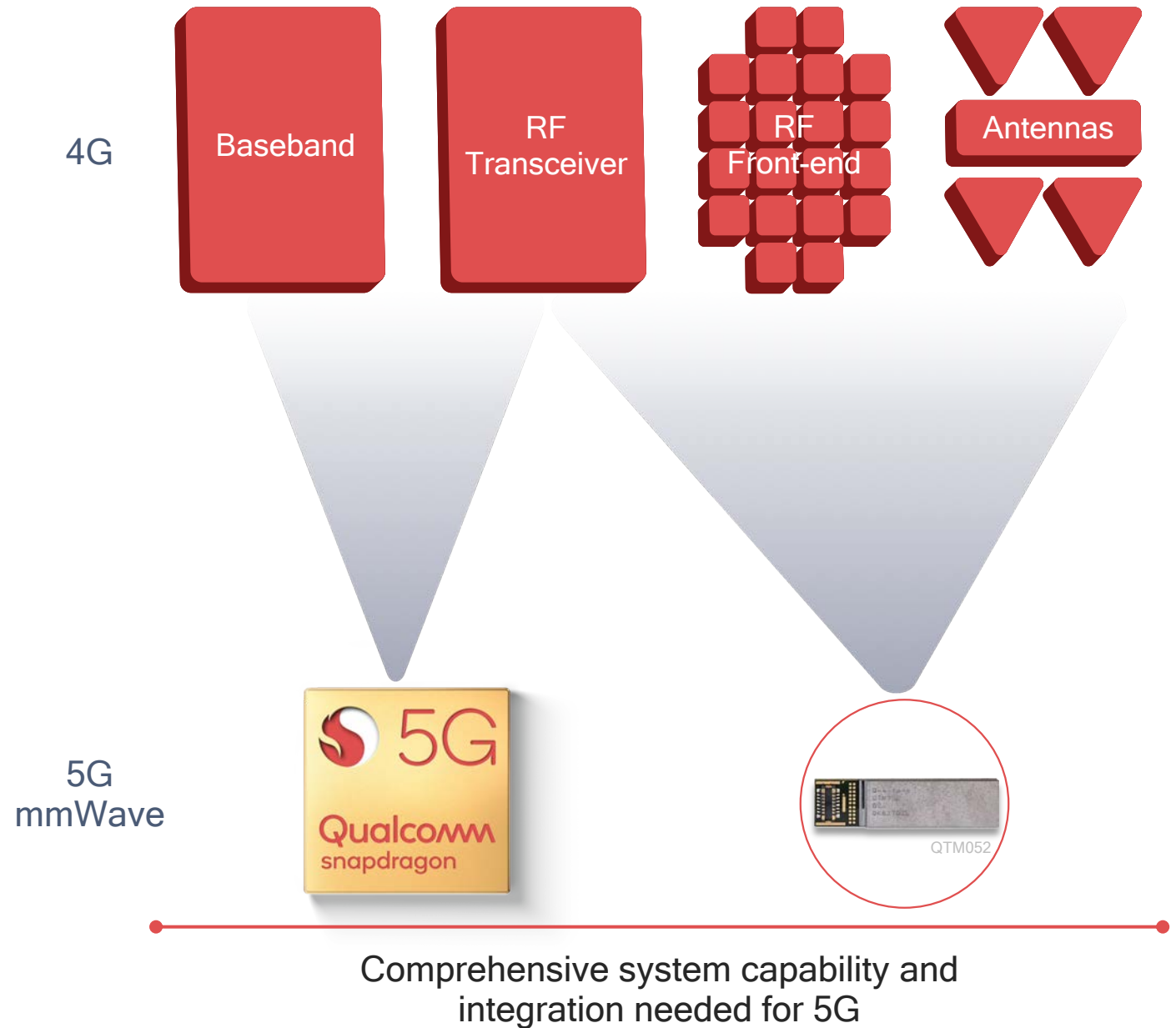
Transmit power



Stringent size
constraints

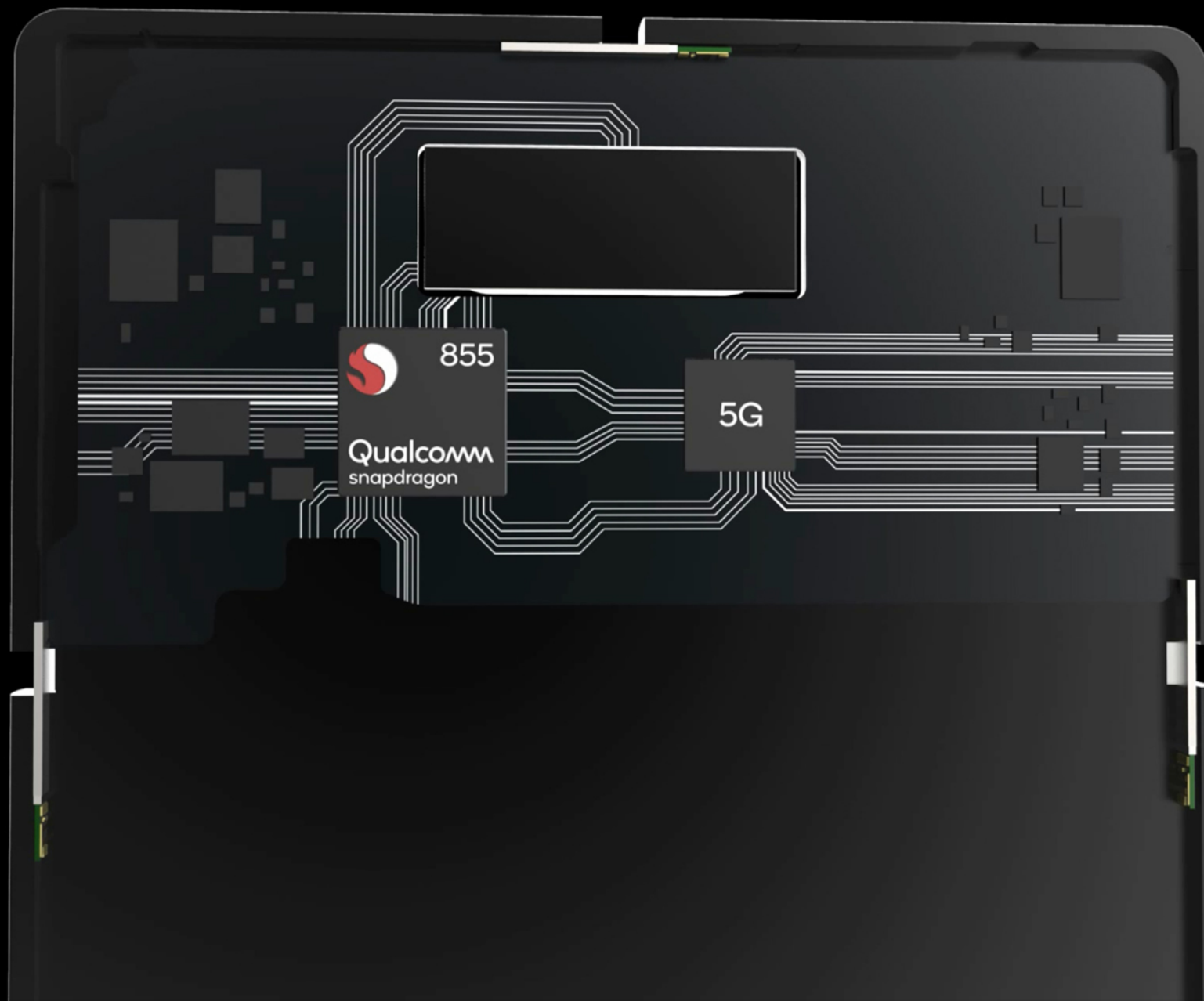


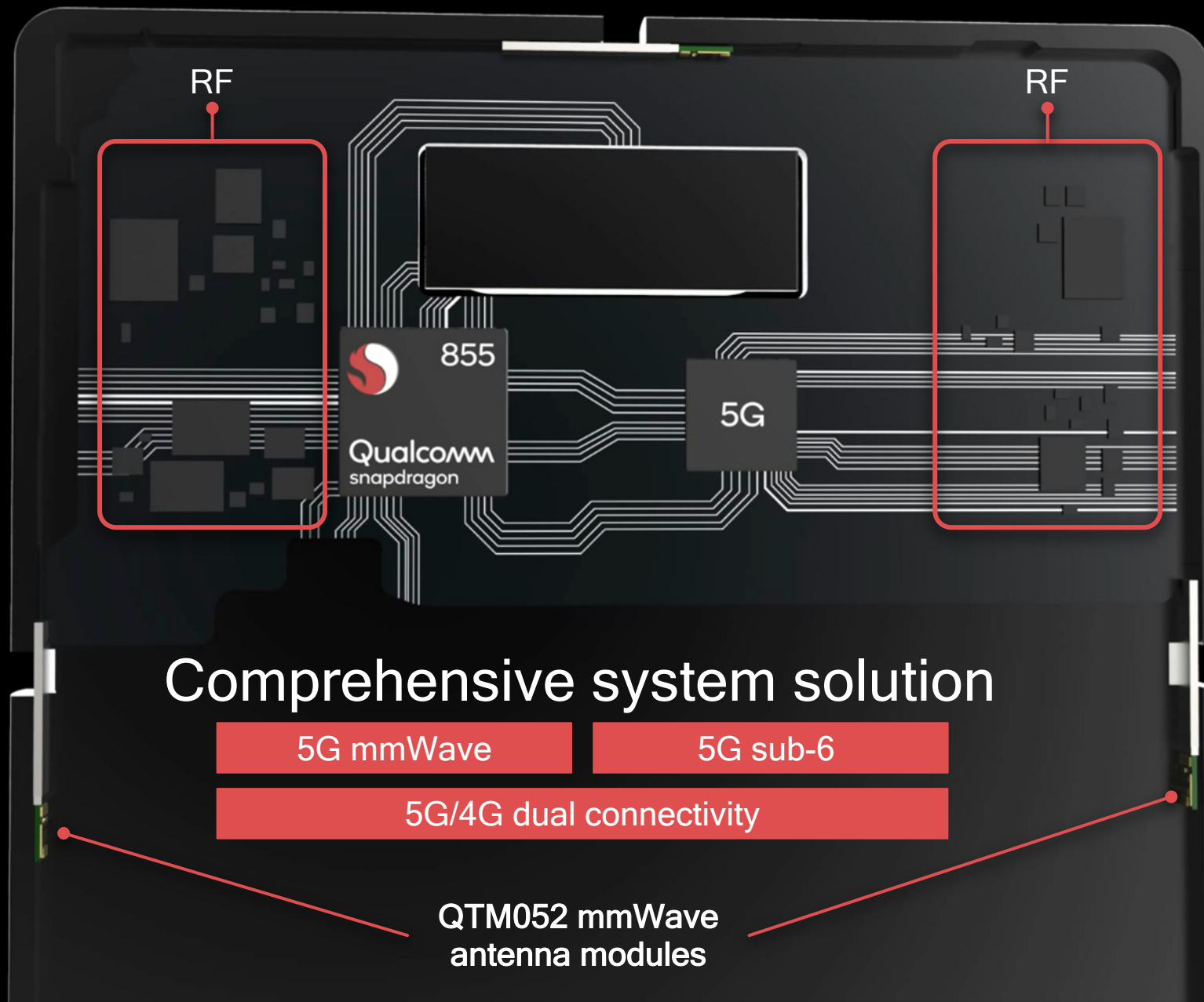
Mobility













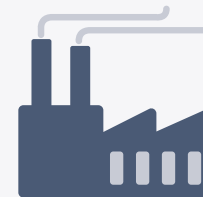
5G will transform user experiences



5G will enable new user experiences



FDD
10 MHz



Few
OEMs



Few
operators



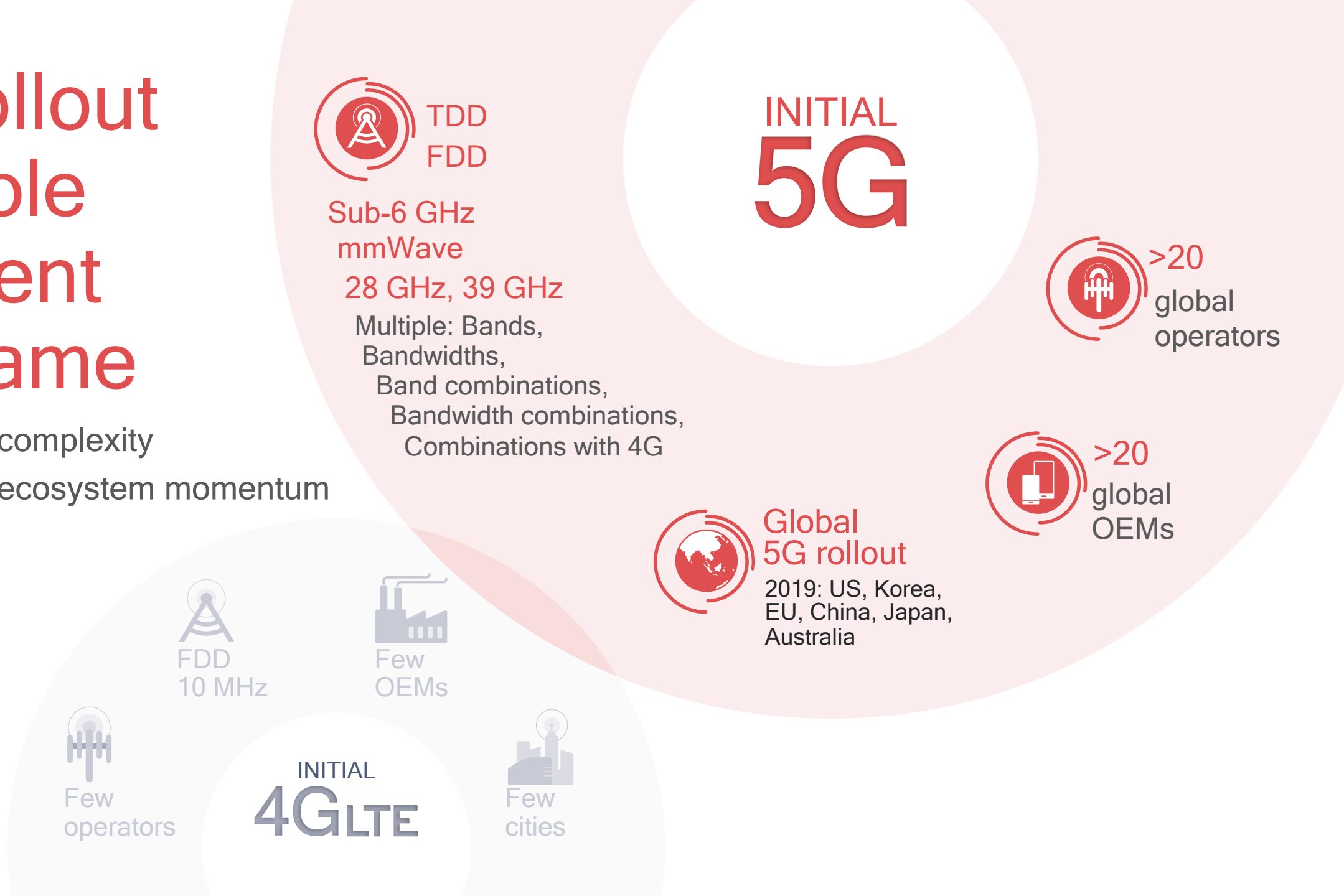
Few
cities

INITIAL
4GLTE

5G rollout a whole different ballgame

High, global complexity

High, global ecosystem momentum





Global Mobile Operators



Global OEMs



5G ecosystem
momentum with



Qualcomm
snapdragon
X50 5G modem

.. and more to come ..

Welcome to
the era of
**Multi-Gigabit
connectivity**



Welcome to a new decade of Multi-Gigabit connectivity

World's First



5G Mobile Platform
mmWave & sub-6



2 Gbps LTE



Wi-Fi 6-ready
solution for mobile



60 GHz Wi-Fi
11ay-based solution for
mobile

