THE FUTURE IS HERE

UNISOC: DRIVING THE COMMERCIALIZATION OF 5G

未来已来

展锐全力推进5G终端芯片商用

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紫光展锐COO 王靖明博士

2018/06

UNISOC CORPORATE PROFILE

紫光展锐公司概况

致力于成为全球数一数二的芯片设计公司

UNISOC, integration of Spreadtrum Communications and RDA Microelectronics

紫光展锐，整合展讯通信与锐迪科微电子

4500 Global employees

4500 employees worldwide

90% R&D engineers

4500 名全球雇员

90% R&D engineers

90% 为研发工程师

700 million Shipment Yearly

Top 10 Fabless Globally

每年出货超7亿颗芯片

全球十大Fabless之一

TWIN PILLARS OF GROWTH
双轮驱动发展

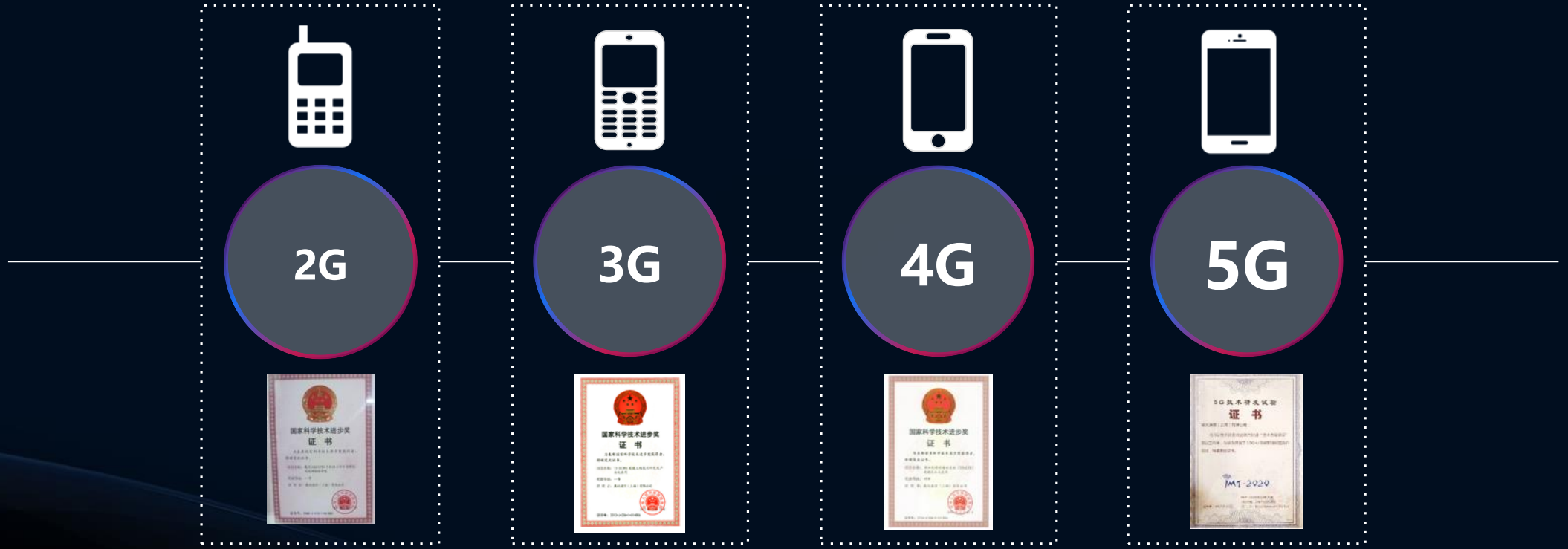
紫光展锐 UNISOC

Global Collaboration
国际合作

Independent Innovation
自主创新

COMMITMENT TO INDEPENDENT INNOVATION:
CORE TECHNOLOGY COMES FROM WITHIN

坚持自主创新，核心技术靠化缘是要不来的



Anything is possible when you hold on to your passion

不忘初心，方得始终

WORKING WITH INDUSTRY PARTNERS

行业合作

中国移动通信 CHINA MOBILE

中国电信 CHINA TELECOM

China unicom 中国联通

HUAWEI

ZTE 中兴

大唐移动 DTmobile

NOKIA 上海贝尔

ERICSSON

ROHDE&SCHWARZ

KEYSIGHT TECHNOLOGIES

5G

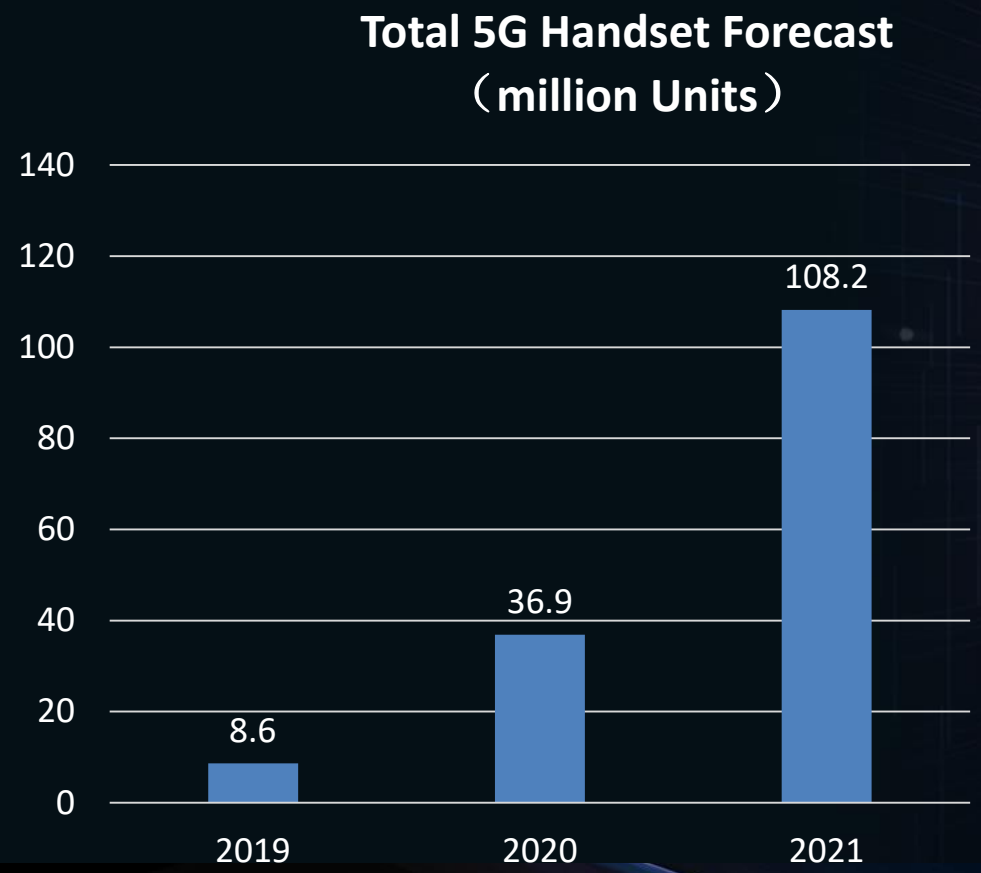
Carriers' unlimited data packages will give rise to limitless demand for data
运营商的无限数据策略将推动对移动数据的无限需求

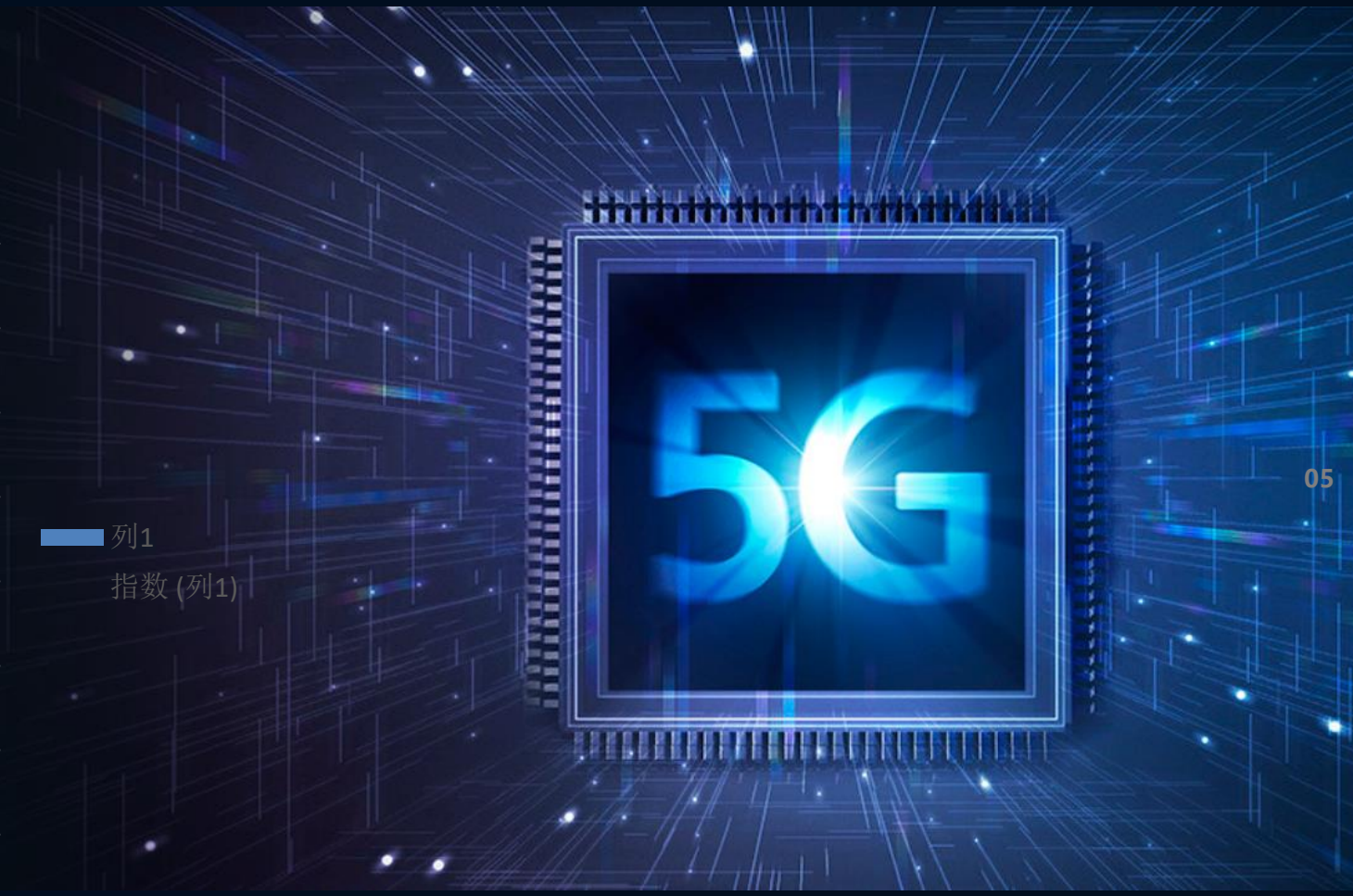
Mobile entertainment is driving data demand
移动娱乐推动数据需求

5G NR eMBB will meet mobile broadband demand
5G NR eMBB将满足移动宽带需求

5G smartphones set to become the most popular 5G products
5G智能手机将成为最受欢迎的5G产品

TRENDS IN GLOBAL 5G HANDSET SHIPMENTS
全球5G手机出货趋势





Source: Counterpoint

5G NR: ENABLE A PREMIUM MOBILE EXPERIENCE
5g NR 极大改善移动体验

5g

- High Speed Data
- 高速数据
- Low Latency
- 低延迟
- Massive Capacity
- 超大容量
- New Architecture
- 全新架构

5G – EXPANDING THE MOBILE ECOSYSTEM TO NEW INDUSTRIES
5G 将移动生态系统扩展到新行业

By 2025, 5G Will Drive Direct Output Of 3.3 Trillion RMB And Indirect Output Of 6.3 Trillion RMB.

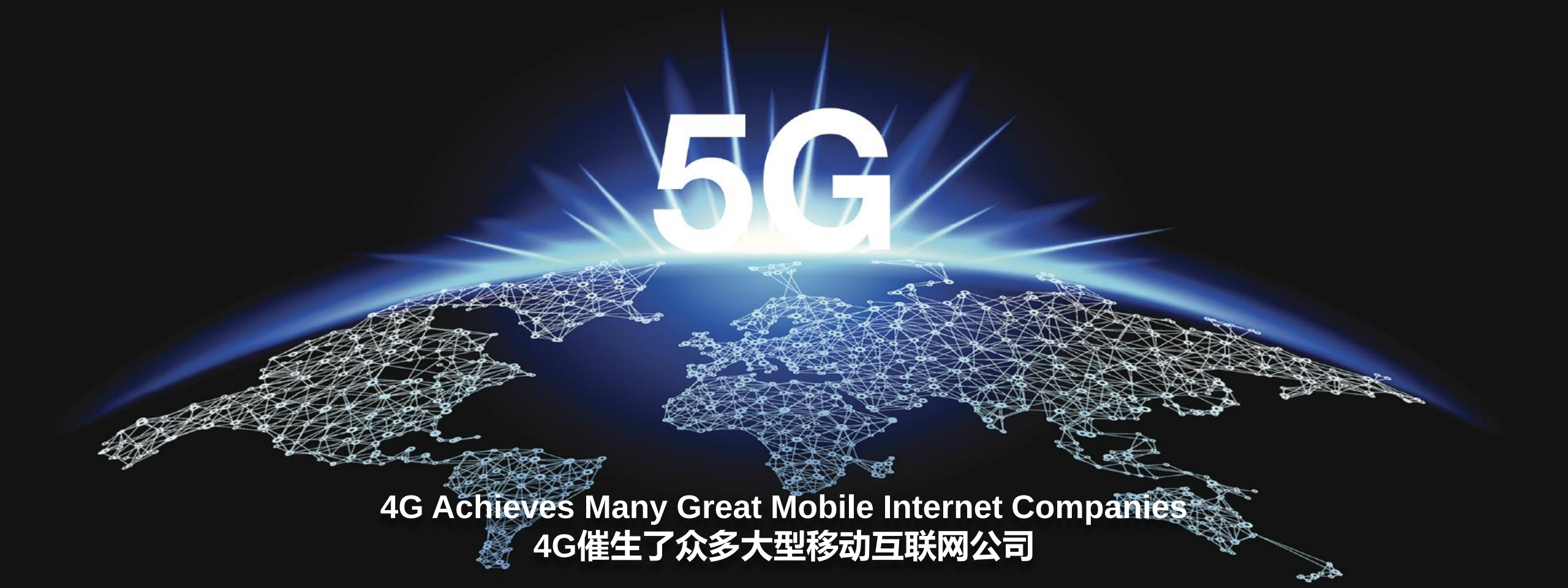
到2025年5g带动直接产出3.3万亿rmb，间接产出6.3万亿

Source: CIACT 5G Economic And Social Impact White Paper
数据来源：ciact 5g经济社会影响白皮书

INNOVATION WILL CHANGE THE WORLD IN 5G ERA

5G时代创新改变世界

紫光展锐 UNISOC

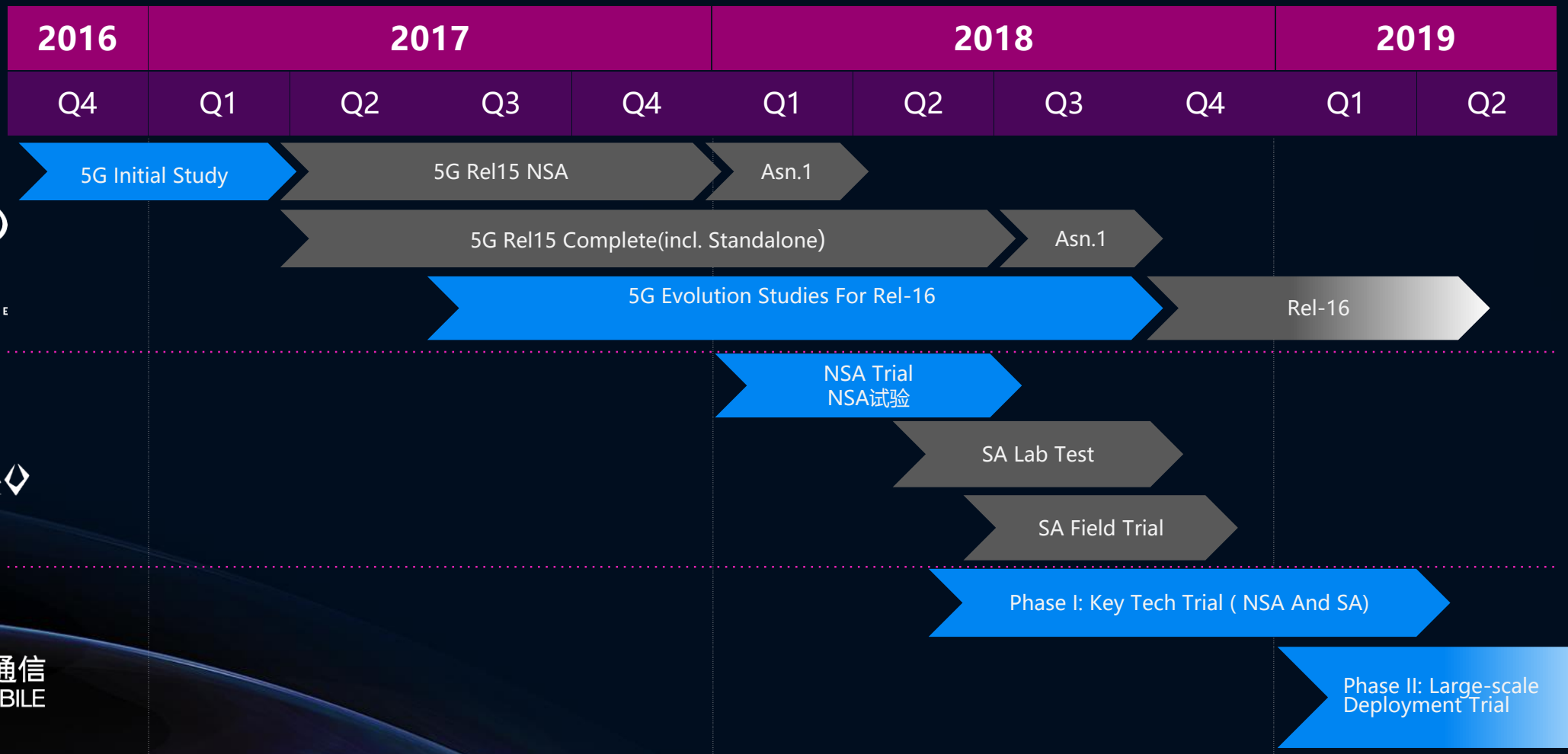


4G Achieves Many Great Mobile Internet Companies
4G催生了众多大型移动互联网公司

5G Will Create New Great Trillion-level Companies
5G将创造出新的万亿级大型公司

5G NR: COMING SOON

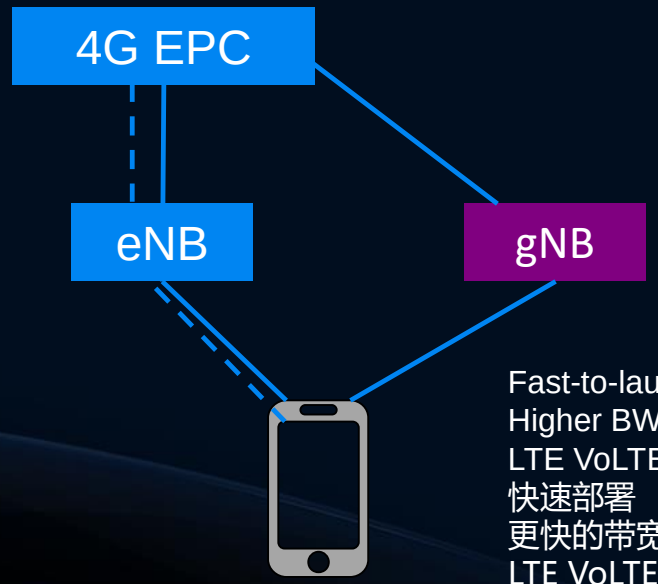
5G NR 即将来临



WE ARE READY FOR NSA & SA ARCHITECTURE OPTIONS

我们已经为NSA和SA架构选择做好准备

Non-standalone (NSA)
非独立组网（NSA）



Fast-to-launch
Higher BW And Data
LTE VoLTE& CS Voice
快速部署
更快的带宽和数据
LTE VoLTE和CS语音

Standalone (SA)
独立组网（SA）

New Architecture
Network Slice
New Services
VoNR& 4G Fallback
新架构
网络切片
新服务
VoNR和4G回退

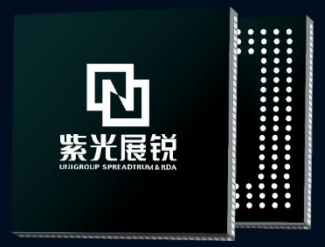
MAKING 5G NR A COMMERCIAL REALITY IN 2019

2019年实现5G商用

5G Prototype
5g 原型

- Small Size 尺寸小
- Support Sub-6 & mmWave 支持sub-6和mmWave
- NSA & SA Nsa 和 Sa

中国移动通信 CHINA MOBILE
中国电信 CHINA TELECOM
China unicom 中国联通
HUAWEI
ZTE中兴
ERICSSON
大唐移动 DTmobile
NOKIA 上海贝尔
KEYSIGHT TECHNOLOGIES
ROHDE&SCHWARZ
星河亮点 StarPoint



Unisoc
Orca
5G Modem
紫光展锐
Orca
5g调制解调器

Most NSA Cases Already Approved With System Vendors
已经与系统供应商通过大部分NSA测试用例

Working With All System Vendors And Test Equipment Vendors On IODT To Make The Industry More Mature
就IODT与所有系统供应商和测试设备供应商合作。使行业更加成熟。

Single Chip Support For 2/3/4/5G
Full Support For NSA And SA
Commercialization To Begin In 2019
单芯片支持2/3/4/5g
完全支持NSA 和 SA
2019年启动商业化

MORE FUN TOGETHER: BRINGING 5G AVAILABLE FOR EVERYONE

独乐乐不如众乐乐，让所有人享受5G技术的快乐

紫光展锐 UNISOC

5G是未来的基础

紫光展锐身处5G终端芯片供应商第一梯队，

提供面向主流市场的5G解决方案，让所有消费者受益。

Tomorrow Is Built On 5G

UNISOC Is Standing Among The First Tier Of 5G Terminal Chipset Vendors

UNISOC Mainstream 5G Solutions - Benefitting Everyone

谢谢
Thank You

官方微信
Wechat

新浪微博
Sina Weibo

领英社交
LinkedIn

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