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QCT Enterprise 5G Solution

Online Live Demo

Telco Solution Team
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2021.11.16

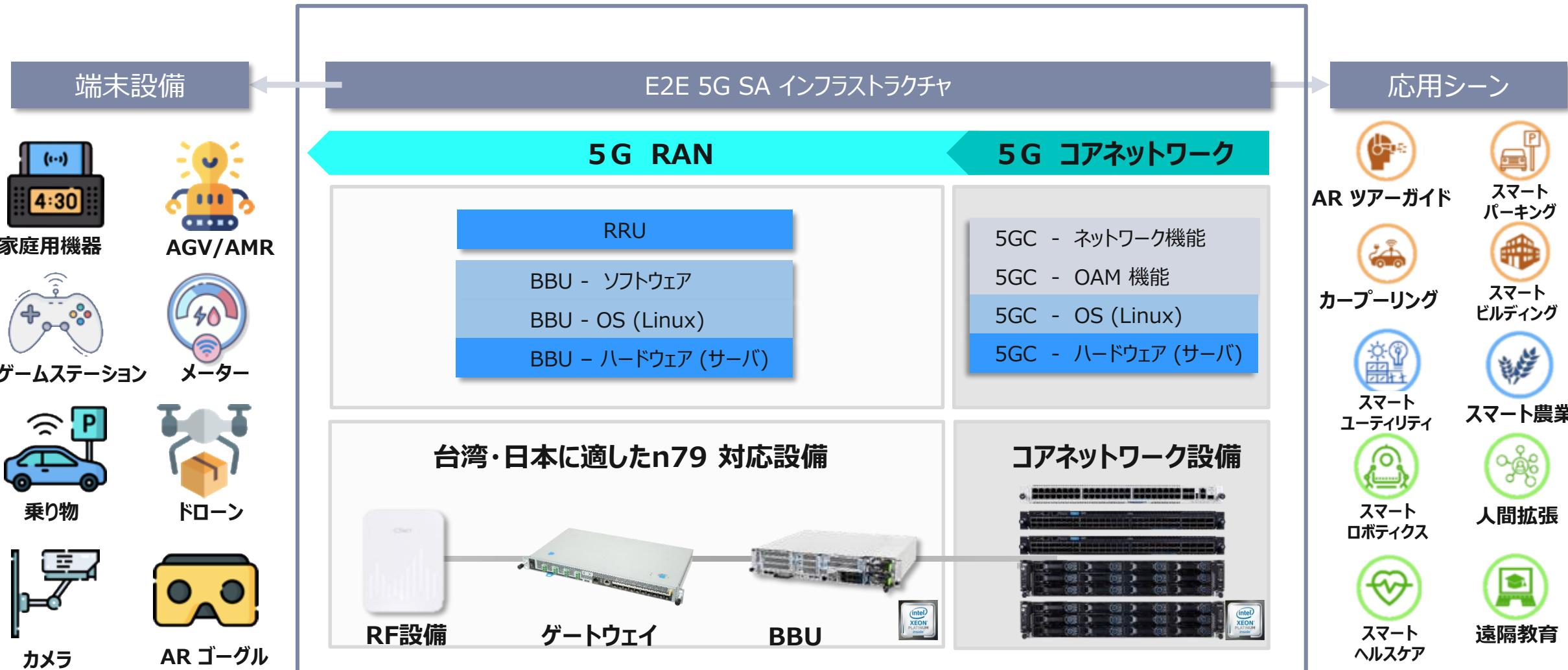
Outline



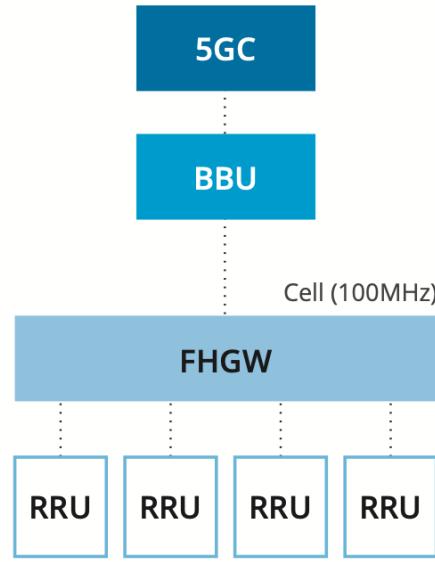
- Enterprise 5G E2E Solution Overview
- Design & Capacity of QCT Enterprise 5G
- Demo
 - Environment briefing
 - Performance in different slot format
 - QoS Configuration
- Wrap up

Enterprise 5G E2E Solution Overview

QCT play as the 5G infrastructure role



Design & Capacity of QCT Enterprise 5G

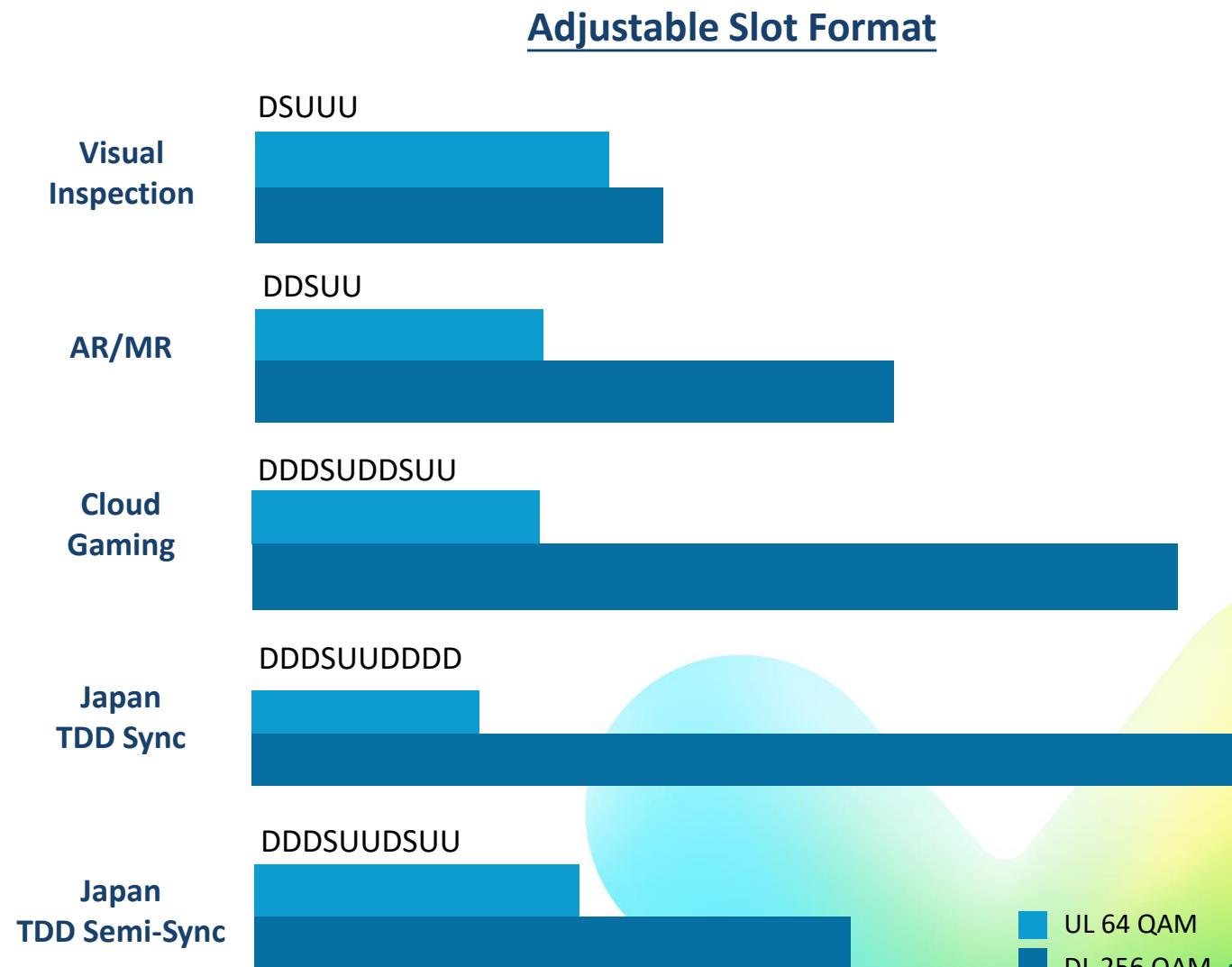


Design

- 3GPP Release 15 compliant
- Standalone (SA) mode
- High Availability (HA) design
- 99.99% system reliability
- Adjustable UL/DL slot format

Capacity

- Per cell support up to 128 active UE or 384 connected UE



*Testing condition: In QCT lab

QCT E5G Demo Environment – Lab Brief

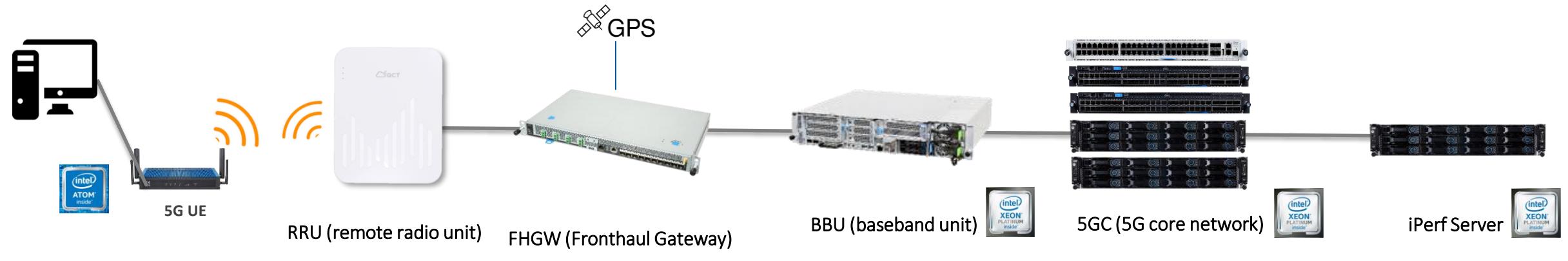


User Equipment

5GNR / Base Station

5GC / Private Network

User Scenario

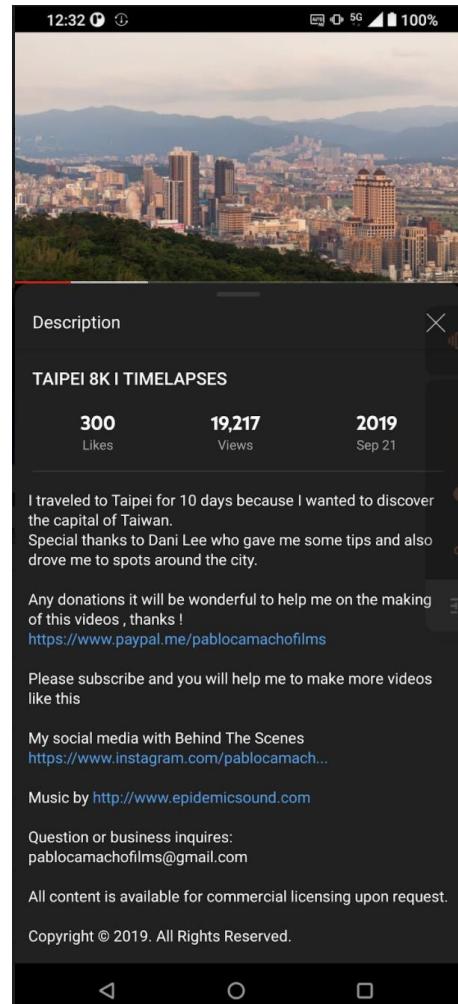
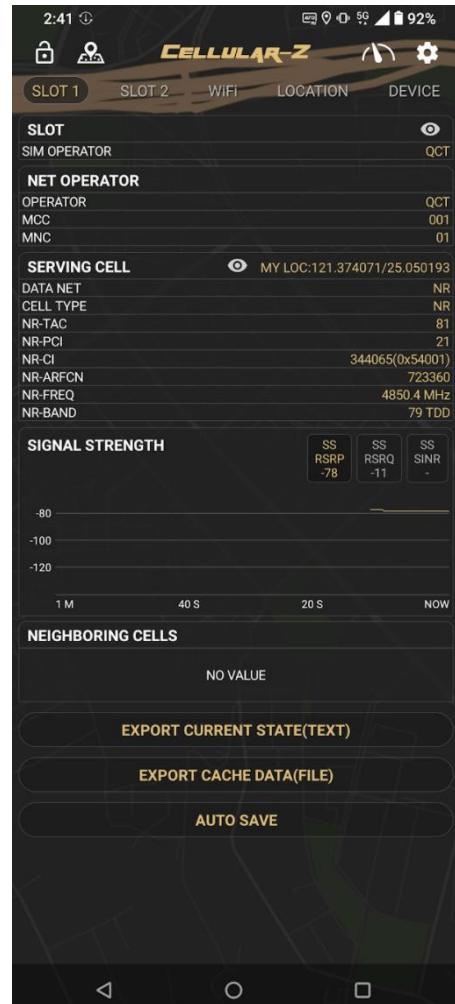




Connect to 5G, Play Video and Run Speed Test



- Connect QCT 5G
- Play YouTube 4K Video



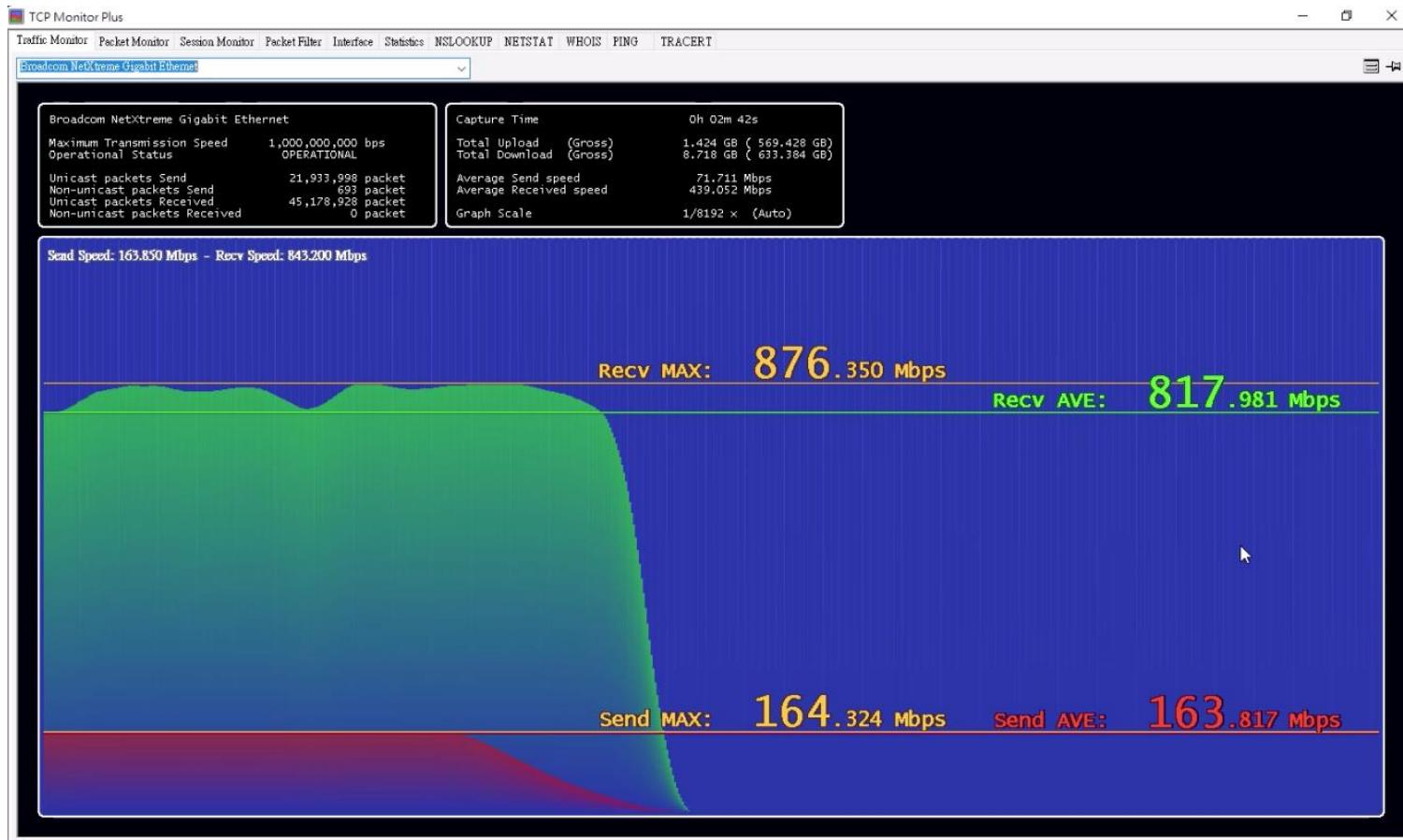
- Speed Test (CHT FTTB Line Rate) : 300Mbps/100Mbps



E2E Performance TDD Sync – DDDSUUDDDD



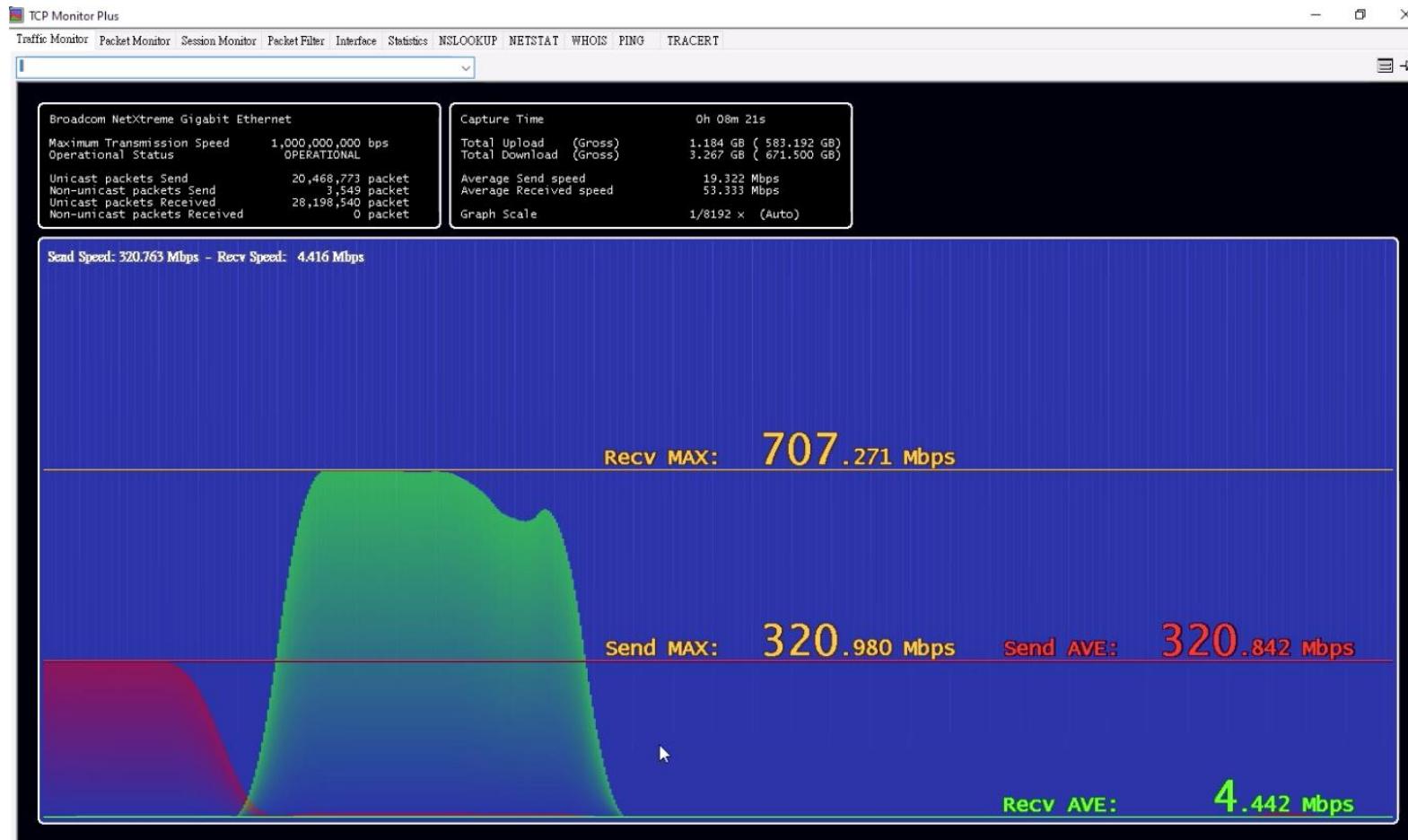
- DDDSUUDDDD > 800Mbps/130Mbps



E2E Performance TDD Semi-Sync– DDDSUUDSUU



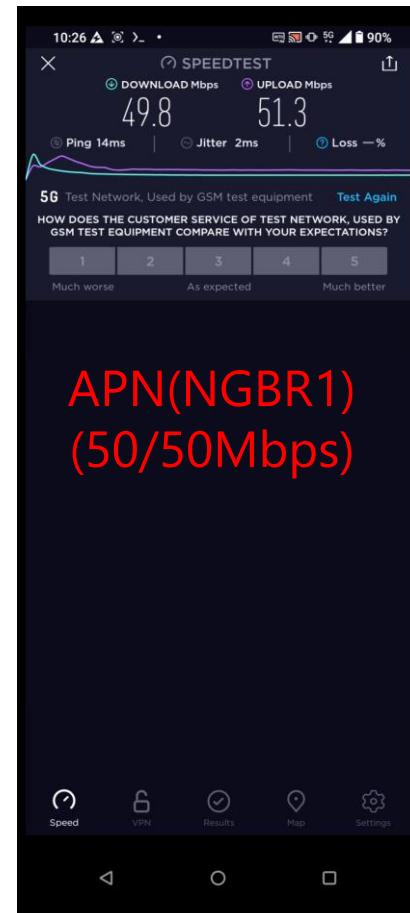
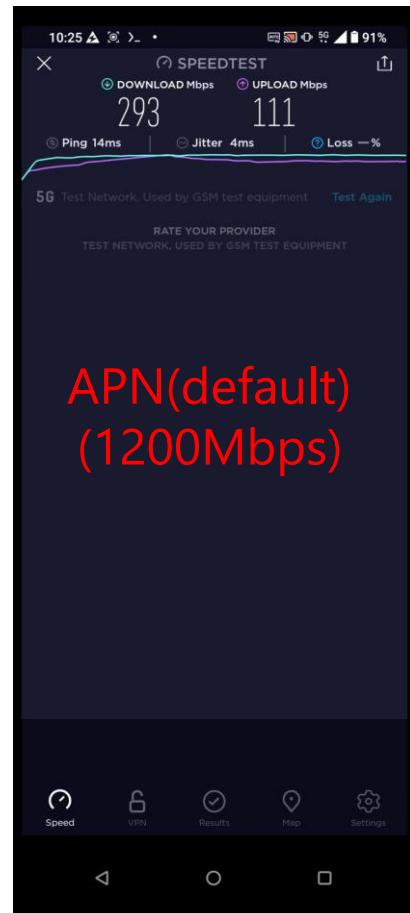
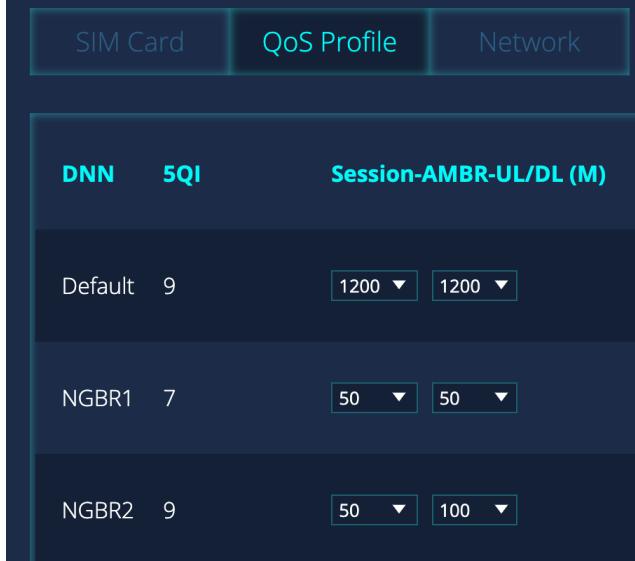
- DDDSUUDSUU > 650Mbps/300Mbps



3. QoS Configuration – Session AMBR



- Change APN to select the required QoS configuration which is mapped to one DNN.



**QCT is your Best
Partner to deliver
Enterprise 5G
Solution**





The Intel logo consists of the word "intel" in its signature blue lowercase font, with a registered trademark symbol (®) at the end.

Thank You!

Learn more about QCT Enterprise 5G Solution:
<https://go.qct.io/telco/omnipod-enterprise-5g/>

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Watch the video now:

