

I E T F[®]

5G transport network benchmarking

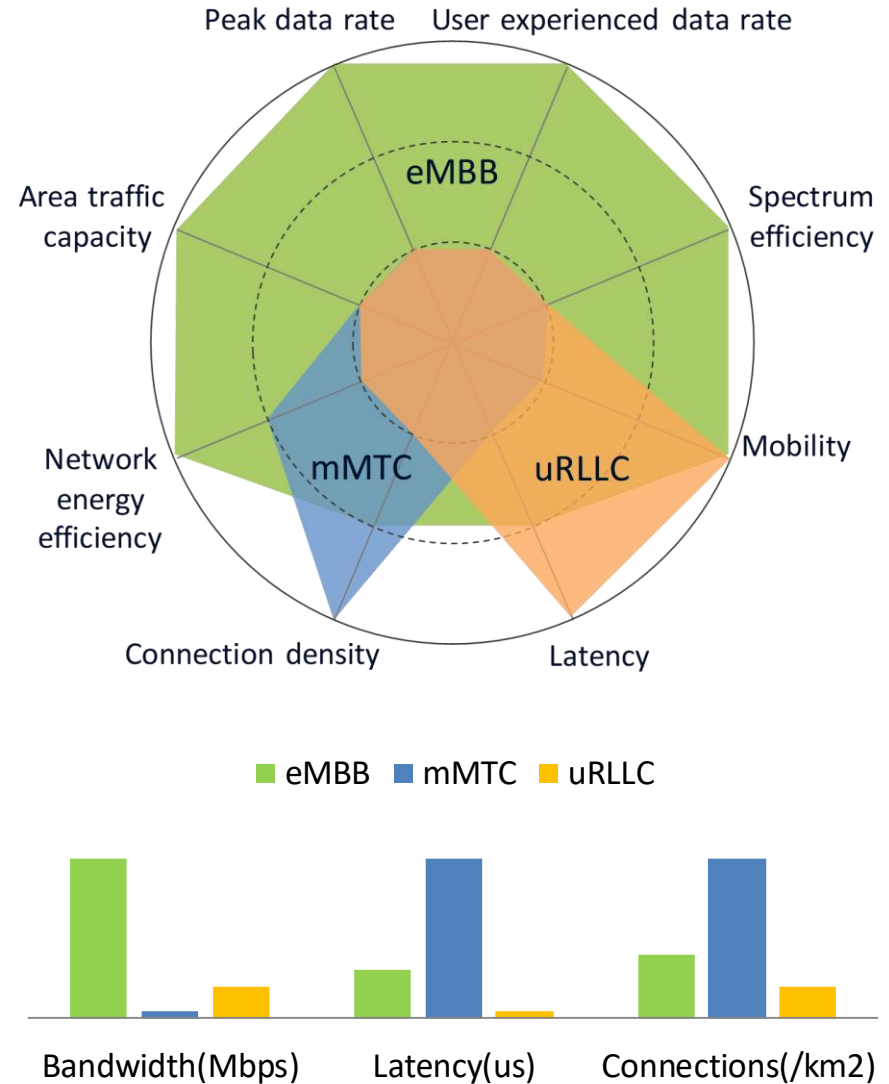
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Motivation

- 5G Access is starting to be offered by operators
 - Multiple technological areas impacted: radio, mobile core, transport, etc.
- Then, important for operators to have a good basis of benchmarking solutions



Scope of the draft

- Overview available solutions and define guidelines to assist on the benchmarking of 5G transport networks
- Identify gaps that could require further work
- Provide guidelines on 5G transport Networks benchmarking

Subjects of benchmarking analysis

- Data plane (HW capabilities, encapsulations)
 - E.g.: IEEE TSN, SRv6, etc.
- Control plane
 - E.g.: SDN (RFC8456), ...
- Management plane
 - E.g.: (Transport) network slice lifecycle
- Architecture
 - E.g.: DetNet, ...

Proposed next steps

- Collect interest from the WG on progressing in this direction

.... and, if so ...

- Start identifying the requirements and characteristics that 5G imposes in each of the subjects of interest
- Progress the draft for IETF#106

General Discussion - Q&A



5G EVE

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