**3GPP TSG-RAN WG4 Meeting #95-e** ***R4-2008818***

**Electronic Meeting, 25 May – 5 June 2020**

**Source:** Ericsson

**Title:** TP to TR 38.883: Section 7 Demod test challenges

**Agenda item:** 6.12.4

**Document for:** Approval

# 1. Introduction

The feasibility of testing demodulation has been discussed as part of the feasibility study for 256 QAM in FR2. Further to that in RAN4#93 given by chairman’s guidance to have the group focus on core requirements this contribution was noted [2].

After the outcome of RAN4#94-e meeting we have agreed on BS and UE RF core requirements and discussions on BS conformance requirements. To have full consideration of 256 QAM requirement UE demodulation aspects should also be captured. In this contribution, background on UE demodulation aspects are introduced into the TR.

# 2. References

1. R4-1909403, “256 QAM and Feasibility of UE Demodulation Testing”, Ericsson
2. R4-1914569, “TP to TR 38.883: Section 7 Demod testing challenges”, Ericsson
3. R4-2003656, “Draft TR for 256 QAM”, China Telecom

[Start of Text Proposal]

# 7 Demod test challenge for DL 256QAM

Editor’s note: This clause will capture the study for highlighting demod test challenge which will have no impact to define the core requirement or start the normative work.

The testability upper limit needs to be considered when developing performance requirements.

[End of Text Proposal]