



Next Generation Mobile Networks

Title: NGMN Reply LS to 3GPP SA5 on customer acceptance of limited QoS degradation to save energy in the network

Source: NGMN Alliance Green Future Networks Project (WG3 – Network Energy Efficiency)

To: 3GPP SA5

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1. Response on QoS Degradation use case

NGMN Alliance would like to thank 3GPP SA5 for their Liaison Statement outlining the ‘customer acceptance of limited QoS degradation to save energy in the network’. NGMN’s Green Future Networks project has a specific working group (WG3) dealing with Network Energy Efficiency. This group reviewed and discussed the proposed use case. The discussion noted that whilst the use case was interesting it is outside the present scope of the Network Energy Efficiency workstream as the key focus of the group is how to improve the energy efficiency of networks without impacting negatively on user experience. In assessing this proposed use case it would also be important to collect feedback from Network Slice Customers (NSCs) across a variety of industry sectors. NGMN did not feel able to speak for this audience as our NGMN Partners are predominantly drawn from the mobile industry.

In summary, NGMN thanks 3GPP SA5 for this LS, however we are not able to support this use case or to analyse its relevance, acceptability or potential benefits. We look forward to continuing to work closely with 3GPP SA5 in the future.



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About NGMN Alliance (www.ngmn.org)

The NGMN Alliance is a forum founded by world-leading Mobile Network Operators and open to all partners in the mobile industry. Its goal is to ensure that next generation network infrastructure, service platforms and devices will meet the requirements of operators and, ultimately, will satisfy end user demand and expectations.

The vision of the NGMN Alliance is to provide impactful industry guidance to achieve innovative and affordable mobile telecommunication services for the end user with a particular focus on supporting 5G's full implementation, Mastering the Route to Disaggregation, Sustainability and Green Networks, and 6G.

NGMN seeks to incorporate the views of all interested stakeholders in the telecommunications industry.