**3GPP TSG-SA5 Meeting #143-e *S5-223343***

**e-meeting, 9-17 May 2022**

**Source: China Mobile**

**Title: Add use case4 for 5G VN performance measurement management of FS\_5GLAN\_Mgt**

**Document for: Approval**

**Agenda Item: 6.5.11**

# Decision/action requested

***The group is asked to discuss and endorse the proposal in section 4***

# 2 References

[1] SP-220324 " New Study on Management Aspects of 5GLAN "

# 3 Rationale

This contribution proposes to add usecase for TR 28.833.

# 4 Detailed proposal

It proposes to make the following changes.

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| **1st Change** |

# 5 Use cases and potential requirements

## 5.X Use case for 5G VN group performance measurement management

### 5.X.1 Description

The performance of 5G LAN-type services need to be monitored in 5G VN group level by the operator since it is relevant to whether the end users can use the service of 5G LAN and scale up/down a 5G VN based on capacity for efficient consumption of network resources.

The performance measurement of 5G LAN-type services may include measurement of 5G VN group status, the number of subscribers in 5G VN groups, the duration of 5G VN group communication which information can be gathered from NEF/UDM/SMF/UPF/PCF supporting 5G LAN-type services.

Therefore, the 3GPP management system needs to support the request for 5G VN group performance measurement management as it impacts the end user experience, and the optimization may be required according to the performance.

### 5.X.2 Potential requirements

**REQ-LAN-PMM-01** The 3GPP management system shall have the capability to measure 5G LAN-type services performance (e.g. UE throughput, Performance measurements for NEF/UDM/SMF/UPF/PCF) to be assured in 5G VN group level.

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| **End of Change** |