**3GPP TSG SA WG 1 Meeting #104 S1-23xxxx**

**Chicago, USA, 13 - 17 November 2023** *(revision of S1-23xxxx)*

**Source: Deutsche Telekom AG, Nokia**

**pCR Title: Update of subclause configuration and authorization**

**Draft Spec: 3GPP TS 22.137 v.1.0.0**

**Agenda item: 7.1.2**

**Document for: Approval**

**Contact: Vasil Aleksiev, Vasil dot Aleksiev at magenta dot at**

*Abstract: This pCR proposes update of configuration and authorization functional service requirements*

**1. Introduction**

At 3GPP SA1#103 additional consolidated potential requirements were agreed and these need to be introduced into normative work.

**2. Reason for Change**

Adding of the agreed configuration and authorization CPRs from the FS\_Sensing study is needed to finalize normative work.

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 22.137 v.1.0.0.

\* \* \* First Change \* \* \* \*

### 5.2.2 Configuration and authorization

Subject to regulation and operator’s policies, the 5G network shall be able to configure and/or authorize or revoke authorization of sensing transmitter(s) and sensing receiver(s) for 5G wireless sensing service.

NOTE 1: Such configuration and authorization can be based on sensing transmitter or sensing receiver location, specific time, sensing duration, sensing accuracy, target sensing geographical area, establishing of communication to transfer sensing data, etc.

NOTE 2: Such configuration and authorization can also include the selection of multiple sensing transmitters/receivers for 5G wireless sensing service.

The 5G network shall be able to provide a mechanism for an MNO to configure UEs supporting V2X applications to support 5G Wireless sensing service when not served by RAN.

Based on location, the 5G network shall be able to ensure that sensing transmitters and sensing receivers use licensed spectrum only in network coverage and under the full control of the operator who provides the coverage.

NOTE 3: The above requirement does not apply for public safety and V2X networks with dedicated spectrum, where 5G wireless sensing can be allowed out of coverage or in partial coverage as well.

\* \* \* End of Changes \* \* \* \*