3GPP TSG SA WG 4 Meeting SA4#121 TDoc S4-221516

Toulouse, France, 14 Nov – 18 Nov 2022

**Title: LS on Wind Noise Generation for ATIAS**

**Response to: -**

**Release: Rel-18**

**Work Item: ATIAS (830005)**

**Source: 3GPP SA4**

**To: ETSI TC STQ**

**Cc: -**

**Contact person: Jan Reimes**

**jan.reimes@head-acoustics.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** **none**

# 1 Overall description

3GPP SA4 is currently working on specifications on Terminal Audio quality performance and Test methods for Immersive Audio Services (ATIAS). As such devices might also be used under adverse outdoor conditions, it was proposed at SA4#121 to define test methods that include the usage of a wind generator for the evaluation of the send performance. The actual operation conditions, such as wind speed, air flow type (laminar, turbulent), would need to be further evaluated.

The test setup in Annex A of ETSI TS 103 640 ("Test Methods and Performance Requirements for Active Noise Cancellation Headsets and other Earphones") might be suitable for use within the ATIAS work item. However, the aforementioned annex is currently only informative and the specification of wind noise generation appears incomplete, particularly with regard to reproducibility across different labs.

# 2 Actions

**To: ETSI TC STQ**

**ACTION:** 3GPP SA4 asks ETSI TC STQ whether any updates of ETSI TS 103 640 are planned in the near future to complete the specification of a wind noise generation for acoustic measurements. 3GPP SA4 would like to be informed of the progress on this specification.

# 3 Dates of next TSG SA WG 4 meetings

SA4#122 20 - 24 February 2023 Athens, Greece

SA4#123-e 17 - 21 April 2023 Online