3GPP TSG RAN WG5 Meeting #99 R5-233361

**Incheon, Korea, 22 - 26 May 2023**

**Title: [DRAFT]** LS response on Non-Support of Ciphering Algorithm GEA2

**Response to:** LS (S-23-047r1) on Non-Support of Ciphering Algorithm GEA2 from GCF Steering Group

**Source:** 3GPP TSG RAN WG5

**To:** GCF Steering Group

**Cc:** 3GPP SA3, GCF CAG/FTAG, GSMA TSG, GSMA Fraud & Security Group, CTIA/PTCRB

**Contact person:** [Petra.Rauer@vodafone.com](mailto:Petra.Rauer@vodafone.com) (Vodafone GmbH)

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

**Attachments:**

# 1 Overall description

RAN5 thanks GCF Steering Group for the LS on Non-Support of Ciphering Algorithm GEA2.

RAN5 took note of the in principle agreement made by GCF, that from GCF Certification Criteria Version 3.90 onwards (July 2023), Mobile Stations can only be certified without GEA2 support, irrespective of their implemented 3GPP GERAN Release.

Current 3GPP core and conformance test specifications allow support of GEA2 until Release16 and even mandate support of GEA2 from Release 6 to Release10. RAN5 understands the fact that GCF Certification Criteria (from version 3.90 onwards) will contradict core requirements and conformance test cases in 3GPP specifications. In this context, RAN5 understands the criticality of GCF’s request to RAN5 to remove mandatory status of GEA2 in 3GPP Conformance Test Specifications with immediate effect.

RAN5 would like to inform GCF that a ‘Change Request’ (R5-233450) has been agreed for TS 51.010-2 during RAN5#99 Meeting (22 – 26 May 2023 Incheon, Korea) making GEA2 applicability status optional from Release 6 onwards. RAN5 expects this ‘Change Request’ to be approved by RAN Plenary#100 meeting (12 – 14 June, Taipei) and be implemented in TS 51.010-2 version 13.15.0 (June 2023).

# 2 Actions

**ACTION: None.**

# 3 Dates of next TSG RAN WG 5 meetings

3GPP RAN5#100 21-25 August 2023 Toulouse, France

3GPP RAN5#101 13-17 November 2023 Chicago, US