**3GPP TSG-SA4 Meeting #134 *S4-251981***

**Dallas, US, 17th Nov. 2025 – 21st Nov. 2025 revision of S4-251740**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **26.253** | **CR** | **0024** | **rev** | **1** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Corrections to TS 26.253 Annex A | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung Electronics | | | | | | | | | |
| ***Source to TSG:*** | S4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | IVAS\_Codec | | | | |  | ***Date:*** | | | 2025-11-12 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | All IVAS codec implementations must compute the frame size hence we propose adding a normative frame size reference table, to be consistent with the EVS codec specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Added size of IVAS frame data across all supported bitrates. | | | | | | | | |
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| ***Consequences if not approved:*** | | Unlike EVS frame size for each bitrate, consistency may not be present for IVAS of each bitrates defined. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | Annex A.3.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev 1: alignment of terms (payload -> frame) | | | | | | | | |

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

## A.3.3 Packet Payload Structure

### A.3.3.1 General

The IVAS encoder generates encoded frames representing 20 ms of speech or audio data. The IVAS payload contains:

- (optional) E-bytes (including the CMR) for adaptation of bandwidth, coded format and/or an indication of optional PI data section;

- one or more ToC(s) describing the IVAS audio frame(s) included in the payload;

- IVAS frame data block(s), representing 20 ms of speech or audio data (depending on ToC signalling), and;

- (optional) PI data section;

The IVAS frame data size per supported bit rate is shown in Table A.3.3.1-1.

Table A.3.3.1- 1 IVAS frame data size

|  |  |  |
| --- | --- | --- |
| Frame Mode | Bit rate (kbps) | IVAS frame data size (bits) |
| IVAS Immersive | 5.2 (SID) | 104 |
| IVAS Immersive | 13.2 | 264 |
| IVAS Immersive | 16.4 | 328 |
| IVAS Immersive | 24.4 | 488 |
| IVAS Immersive | 32 | 640 |
| IVAS Immersive | 48 | 960 |
| IVAS Immersive | 64 | 1280 |
| IVAS Immersive | 80 | 1600 |
| IVAS Immersive | 96 | 1920 |
| IVAS Immersive | 128 | 2560 |
| IVAS Immersive | 160 | 3200 |
| IVAS Immersive | 192 | 3840 |
| IVAS Immersive | 256 | 5120 |
| IVAS Immersive | 384 | 7680 |
| IVAS Immersive | 512 | 10240 |

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