Video SWG Minutes during SA4#116e

## 10.1 Opening of the session

Mr. Gilles Teniou (Tencent, Chairman of Video SWG) opens the Video SWG on November 11, 2021 at 07:00 CET.

E-mail discussion started already on Wed, 10 November 2021 07:41:51 +0000

**Schedule:**

| **Start times** |  |  | **Thursday November 11** | **Friday November 12** | **Monday November 15** | **Tuesday November 16** | **Wednesday November 17** | **Thursday November 18** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CET | PT | KST | **Block A** | **Block A** | **Block A/B** | **Block B** | **Block B** | **Block B** |
|  |  |  | **GTM0** | **GTM0** | **GTM0** | **GTM0** | **GTM0** | **GTM0** |
| 6:30:00 AM | 9:30:00 PM | 2:30:00 PM | MBS SWG | Video SWG | MBS SWG | MBS SWG | Video SWG | MBS SWG |
| 7:00:00 AM | 10:00:00 PM | 3:00:00 PM |
| 7:30:00 AM | 10:30:00 PM | 3:30:00 PM | Video SWG | Video SWG |
| 8:00:00 AM | 11:00:00 PM | 4:00:00 PM |  |  |  |  |
| 8:30:00 AM | 11:30:00 PM | 4:30:00 PM | Video SWG | MBS SWG |  | Video SWG | MBS SWG |  |
| 9:00:00 AM | 12:00:00 AM | 5:00:00 PM | **Block A** Plenary (13-24) | **Block B** Plenary (13-24) |

Mr. Thomas Stockhammer (Qualcomm) is assigned as scribe.

The minutes are shared [Video SWG Minutes during SA4#116e](https://docs.google.com/document/d/1ZZ5YqhUUGJhGYwINLuBujmhTctastWwkf5ksdH0QcVo/edit?usp=sharing).

Attendees are listed [here](#kix.je12ybbeksh7), please add attendance ‘Y’.

All e-mail discussions during the meeting can be tracked here:

* https://list.etsi.org/scripts/wa.exe?A1=ind2111B&L=3GPP\_TSG\_SA\_WG4\_VIDEO
* https://list.etsi.org/scripts/wa.exe?A1=ind2111C&L=3GPP\_TSG\_SA\_WG4\_VIDEO

Latest Timestamp for e-mail discussions considered in the report: Fri, 12 Nov 2021 15:51:01 +0900.

| [SA4#116-e meeting - Proposed VIDEO SWG agenda + Tdoc allocation + various information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;9c9e6383.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 17:47:27 +0000 |
| --- | --- | --- |
| [Start of Block A topics](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;91842cf5.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:09 +0000 |

The agenda and the registration of documents are agreed.

## 10.2 Registration of documents

| A.I. # | A.I. Title | Block | Tdoc #s |
| --- | --- | --- | --- |
| 5.1 | SA4 SWG ad hoc meetings | Plenary | Video: 1412app, 1413app, 1414app, 1415app |
| 5.2 | Other 3GPP groups | Plenary |  |
| 5.3 | Other groups | Plenary | 1471 (ISO SC29/WG03) -> Video SWG (invite MBS)  1472 (ATSC/VVC) -> Video SWG  1474 (DVB/CMAF) -> Video SWG |
| 10 | Video SWG | - |  |
| 10.1 | Opening of the session | A |  |
| 10.2 | Registration of documents | A |  |
| 10.3 | Reports and liaisons from other groups | A |  |
| 10.4 | CRs to features in Release 16 and earlier | B | 1358 |
| 10.5 | 8K\_TV\_5G (8K Television over 5G) | B | 1355, 1356, 1357, 1374, 1390,    1543 (n/a) |
| 10.6 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) | B | 1521, 1522 |
| 10.7 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | A | 1359 ,1360, 1361, 1362, 1363, 1364, 1405, 1406, 1429, 1431, 1502, 1504,    1503 (n/a), 1505 (n/a) |
| 10.8 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | B | 1366,    1365 (n/a), 1495 (n/a) |
| 10.9 | FS\_5GSTAR (Feasibility Study on 5G Glass-type AR/MR Devices) | A | 1344, 1367, 1368, 1369, 1370, 1371, 1372, 1388, 1400, 1401, 1407, 1408, 1409, 1419, 1423, 1425, 1475, 1481, 1482, 1484, 1497, 1539,    ~~1424~~ |
| 10.10 | New Work / New Work Items and Study Items | B | 1373, 1375, 1402, 1403, 1416, 1417, 1496 |
| 10.11 | Liaisons and Liaison Responses | B |  |
| 10.12 | Any Other Business | B |  |
| 10.13 | Close of the session | B |  |

| TDoc | Title | Source | Agenda item |
| --- | --- | --- | --- |
| [S4-211471](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211471.zip) | Liaison Statement from SC 29/WG 03 to 3GPP SA4 on MPEG Green Metadata [SC 29/WG 03 N 430] | SC 29/WG 03, MPEG systems | 5.3 |
| [S4-211472](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211472.zip) | Liaison Statement from ATSC to SA4 on VVC | ATSC | 5.3 |
| [S4-211474](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211474.zip) | Reply LS regarding alignment on CMAF Media Profiles | DVB Technical Module Ad-Hoc Group on Audio-Visual Content (TM-AVC) | 5.3 |
| [S4-211358](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211358.zip) | Reference Fixes to TV Video Profiles | Qualcomm Incorporated | 10.4 |
| [S4-211355](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211355.zip) | [8K\_TV\_5G] Proposed Updated Work Plan | Qualcomm Incorporated | 10.5 |
| [S4-211356](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211356.zip) | [8K\_TV\_5G] 8K HEVC Operation Point | Qualcomm Incorporated | 10.5 |
| [S4-211357](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211357.zip) | [8K\_TV\_5G] 8K TV Scenario | Qualcomm Incorporated | 10.5 |
| [S4-211374](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211374.zip) | [8K\_TV\_5G] 8K Test Sequences | Qualcomm Incorporated, Fraunhofer HHI, Interdigital | 10.5 |
| [S4-211390](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211390.zip) | [8K\_TV\_5G] 8K TV in 5GMS | Qualcomm CDMA Technologies | 10.5 |
| S4-211543 | CMAF vs 3GPP TV profiles | Tencent | 10.5 |
| [S4-211521](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211521.zip) | Updates to TR 26.999 with viewport-dependent tiled streaming results with usage of head motion-aware margins | Nokia Corporation | 10.6 |
| [S4-211522](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211522.zip) | OMAF 2nd Edition Nokia public source code release | Nokia Corporation | 10.6 |
| [S4-211359](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211359.zip) | Proposed Updated Work Plan for FS\_5GVideo | Qualcomm Incorporated | 10.7 |
| [S4-211360](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211360.zip) | TR26.955: Proposed Editor's Update from Telcos | Qualcomm Incorporated | 10.7 |
| [S4-211361](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211361.zip) | [FS\_5G\_Video] Status after AHG Calls | Qualcomm Incorporated | 10.7 |
| [S4-211362](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211362.zip) | pCR26.955: Multiple Editorial Fixes | Qualcomm Incorporated | 10.7 |
| [S4-211363](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211363.zip) | pCR26.955: Software Updates | Qualcomm Incorporated | 10.7 |
| [S4-211364](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211364.zip) | [FS\_5G\_Video] Metrics and Characterization Updates | Qualcomm Incorporated | 10.7 |
| [S4-211405](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211405.zip) | [FS\_5GVideo] pCR 26.955: Updated EVC software version and HDR configuration files | Samsung Electronics Co. Ltd., Qualcomm Inc. | 10.7 |
| [S4-211406](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211406.zip) | [FS\_5GVideo] EVC bitstreams for Scenarios 1-5 | Samsung Electronics Co. Ltd., Qualcomm Inc. | 10.7 |
| [S4-211429](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211429.zip) | Verification of the HEVC SDR anchors for Scenario 1 and Scenario 2 | Qualcomm Incorporated, Interdigital, Ericsson LM | 10.7 |
| [S4-211431](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211431.zip) | [FS\_5GVideo] H.265/HEVC HDR anchors for Scenarios 1 and 2 | Qualcomm Incorporated, Ericsson LM | 10.7 |
| [S4-211502](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211502.zip) | Verification of HDR HEVC anchors in S1 and S2 | Ericsson LM, Qualcomm Incorporated | 10.7 |
| S4-211503 | Configuration files for HDR metrics | Ericsson LM | 10.7 |
| [S4-211504](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211504.zip) | VTM configuration files for S4 | Ericsson LM | 10.7 |
| S4-211505 | Suplemental results for SDR HEVC anchors in S1 and S2 | Ericsson LM | 10.7 |
| S4-211365 | [FS\_XRTraffic] Proposed Workplan Updates | Qualcomm Incorporated | 10.8 |
| [S4-211366](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211366.zip) | [FS\_XRTraffic] Proposed Updated TR26.926 | Qualcomm Incorporated | 10.8 |
| S4-211495 | [FS\_XRTraffic] Proposed Updated TR26.926 | Qualcomm Incorporated | 10.8 |
| [S4-211344](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211344.zip) | Draft TR 26.998 v1.0.4 | Samsung Guangzhou Mobile R&D | 10.9 |
| [S4-211367](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211367.zip) | [FS\_5GSTAR] Proposes Updates to TR | Qualcomm Incorporated | 10.9 |
| [S4-211368](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211368.zip) | [FS\_5GSTAR] Scenario KPIs and QoS | Qualcomm Incorporated | 10.9 |
| [S4-211369](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211369.zip) | [FS\_5GSTAR] On Spatial Computing | Qualcomm Incorporated | 10.9 |
| [S4-211370](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211370.zip) | [FS\_5GSTAR] Networked AR Latencies | Qualcomm Incorporated | 10.9 |
| [S4-211371](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211371.zip) | [FS\_5GSTAR] Proposed Updated Conclusions | Qualcomm Incorporated | 10.9 |
| [S4-211372](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211372.zip) | [FS\_5GSTAR] Workshop Report | Qualcomm Incorporated | 10.9 |
| [S4-211388](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211388.zip) | QoS considerations for WLAR | Qualcomm Wireless GmbH | 10.9 |
| [S4-211400](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211400.zip) | [FS\_5GSTAR] Text revision to Introduction | Samsung R&D Institute UK | 10.9 |
| [S4-211401](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211401.zip) | [FS\_5GSTAR] 6.3.4 updates | Samsung R&D Institute UK | 10.9 |
| [S4-211407](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211407.zip) | [FS\_5GSTAR] Update on Streaming call flows | Tencent Cloud | 10.9 |
| [S4-211408](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211408.zip) | [FS\_5GSTAR] Updates on the interactive immersive call flows | Tencent Cloud | 10.9 |
| [S4-211409](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211409.zip) | [FS\_5GSTAR] Update on cognitive immersive call flows | Tencent Cloud | 10.9 |
| [S4-211419](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211419.zip) | [FS\_5GSTAR] EDGAR-based Conversational service update | Tencent Cloud | 10.9 |
| [S4-211423](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211423.zip) | [FS\_5GSTAR] pCR on clause 6.5: Editor’s updates on conversational | Samsung Guangzhou Mobile R&D | 10.9 |
| [S4-211424](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211424.zip) | [FS\_5GSTAR] pCR on Potential Normative Works | Samsung Guangzhou Mobile R&D | 10.9 |
| [S4-211425](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211425.zip) | [FS\_5GSTAR] pCR on Conclusions | Samsung Guangzhou Mobile R&D | 10.9 |
| [S4-211475](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211475.zip) | [FS\_5GSTAR] pCR on Spatial computing/cognition scenario | Nokia Corporation, Samsung Electronics Co. Ltd., B<>Com | 10.9 |
| [S4-211481](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211481.zip) | [FS\_5GSTAR] pCR on clause 3.1 Definitions | Samsung R&D Institute India | 10.9 |
| [S4-211482](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211482.zip) | [FS\_5GSTAR] pCR on clause 3.3 Abbreviations | Samsung R&D Institute India | 10.9 |
| [S4-211484](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211484.zip) | [FS\_5GSTAR] pCR for text consistency | Samsung R&D Institute India | 10.9 |
| [S4-211497](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211497.zip) | [FS\_5GSTAR] pCR on Potential Normative Work | Samsung Electronics Co., Ltd., Ericsson LM | 10.9 |
| [S4-211539](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211539.zip) | Proposals for FS\_5STAR TR | Orange | 10.9 |
| [S4-211373](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211373.zip) | 5G Media Service Enablers | Qualcomm Incorporated, Dolby, Orange, Tencent | 10.10 |
| [S4-211375](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211375.zip) | Media Capabilities for Augmented Reality Glasses | Qualcomm Incorporated | 10.10 |
| [S4-211402](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211402.zip) | Discussion on AI/ML | Samsung R&D Institute UK | 10.10 |
| [S4-211403](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211403.zip) | Draft New SID on Media aspects of 5GS Support for AI/ML based services | Samsung R&D Institute UK | 10.10 |
| [S4-211416](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211416.zip) | Draft New Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media | Tencent | 10.10 |
| [S4-211417](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211417.zip) | Draft New WID on Augmented Reality (AR) profiles for Streaming | Tencent | 10.10 |
| [S4-211496](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211496.zip) | Media Capabilities for Augmented Reality Glasses | Xiaomi Communications, Qualcomm Incorporated | 10.10 |

## 10.3 Reports and liaisons from other groups

| [S4-211471](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211471.zip) | Liaison Statement from SC 29/WG 03 to 3GPP SA4 on MPEG Green Metadata [SC 29/WG 03 N 430] | SC 29/WG 03, MPEG systems | Jayeeta Saha |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1504, Block A, 12th Nov. 2200CET] S4-211504 VTM configuration files for S4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fe88314b.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 13:35:37 +0000 |
| --- | --- | --- |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;660d091.2111B&S=) | teniou(TeniouGilles) | Wed, 10 Nov 2021 07:36:10 +0000 |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;5d443b63.2111B&S=) | Cedric THIENOT | Thu, 11 Nov 2021 16:49:43 +0000 |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;7866a4f9.2111B&S=) | Srinivas Gudumasu | Thu, 11 Nov 2021 18:23:47 +0000 |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;164309dc.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 18:33:22 +0000 |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;63b6266c.2111B&S=) | Srinivas Gudumasu | Thu, 11 Nov 2021 19:03:57 +0000 |
| [[LS IN, 1471, Block A, 12th Nov. 2200CET] MPEG Green Metadata](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;c96fcf82.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 22:13:57 +0000 |

**Revisions**

none

**Online Discussion:**

* Gilles presents
* Srinivas explains the details
* Thomas explains e-mail discussion and proposes to either note or postpone.
* Srinivas agrees and ask for postponing
* Gilles agrees and invites for potential contributions to the video coordinator.

**Decision:**

* postponed

**S4-211471** is postponed.

| [S4-211472](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211472.zip) | Liaison Statement from ATSC to SA4 on VVC | ATSC | Jayeeta Saha |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[LS IN, 1472, Block A, 12th Nov. 2200CET] LS from ATSC to SA4 on VVC](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;eb90e2ba.2111B&S=) | teniou(TeniouGilles) | Wed, 10 Nov 2021 07:38:14 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* Thomas: we can inform on status, Rel-17 and Rel-18 workshop.
  + Gilles: ok

**Decision:**

* We reply - Thomas will create draft.

**S4-211472** is replied to **S4-211556**.

| [S4-211556](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211556.zip) | Draft Reply Liaison Statement to ATSC on VVC | Video SWG | Thomas Stockhammer |
| --- | --- | --- | --- |

| [S4-211474](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211474.zip) | Reply LS regarding alignment on CMAF Media Profiles | DVB Technical Module Ad-Hoc Group on Audio-Visual Content (TM-AVC) | Jayeeta Saha |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[LS IN, 1474, Block A, 12th Nov. 2200CET] DVB Reply LS regarding alignment on CMAF Media Profiles](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;709bbebe.2111B&S=) | teniou(TeniouGilles) | Wed, 10 Nov 2021 07:38:30 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* Thomas presents
* Thomas comments
  + On 1), DVB completed HEVC anyways, so no need to comment. We should take an action to check their spec when we complete ours
  + On 2), there is no specific action for us except take into account
  + Based on this proposed to note
* Gilles agrees

**Decision:**

* noted

**S4-211474** is noted.

## 10.4 CRs to features in Release 16 and earlier

| [S4-211358](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211358.zip) | Reference Fixes to TV Video Profiles | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**Online Discussion:**

* Thomas presents
* No comments

**Decision:**

* Agreed, we need a formal CR.

**S4-211358** is agreed.

| [S4-211557](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211557.zip) | CR26.116-0017 Reference Fixes to TV Video Profiles (Rel-16) | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

## 10.5 8K\_TV\_5G (8K Television over 5G)

WID:[*SP-210382*](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_92E_Electronic/Docs/SP-210381.zip) 8K Television over 5G

| [S4-211355](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211355.zip) | [8K\_TV\_5G] Proposed Updated Work Plan | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211355** is noted/agreed/revised.

| [S4-211356](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211356.zip) | [8K\_TV\_5G] 8K HEVC Operation Point | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-2114356** is noted/agreed/revised.

| [S4-211357](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211357.zip) | [8K\_TV\_5G] 8K TV Scenario | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211357** is noted/agreed/revised.

| [S4-211374](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211374.zip) | [8K\_TV\_5G] 8K Test Sequences | Qualcomm Incorporated, Fraunhofer HHI, Interdigital | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211374** is noted/agreed/revised.

| [S4-211390](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211390.zip) | [8K\_TV\_5G] 8K TV in 5GMS | Qualcomm CDMA Technologies | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211390** is noted/agreed/revised.

| S4-211543 | CMAF vs 3GPP TV profiles | Tencent | Gilles Teniou |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211543** is noted/agreed/revised.

## 10.6 FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines)

WID:  [*SP-190642*](https://www.3gpp.org/ftp/Meetings_3GPP_SYNC/SA/Docs/SP-190642) New SID on 'VR Streaming Conformance and Guidelines' (FS\_VR\_CoGui)

| [S4-211521](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211521.zip) | Updates to TR 26.999 with viewport-dependent tiled streaming results with usage of head motion-aware margins | Nokia Corporation | Igor Curcio |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211521** is noted/agreed/revised.

| [S4-211522](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211522.zip) | OMAF 2nd Edition Nokia public source code release | Nokia Corporation | Igor Curcio |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211522** is noted/agreed/revised.

## 10.7 FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics)

WID: [*SP-210378*](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGs_92E_Electronic_2021_06/Docs/SP-210378.zip) Feasibility Study on 5G Video Codec Characteristics (FS\_5GVideo)

| [S4-211359](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211359.zip) | Proposed Updated Work Plan for FS\_5GVideo | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1359, Block A, 12th Nov. 2200CET] Proposed Updated Work Plan for FS\_5GVideo](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;96d82157.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:58:41 +0000 |
| --- | --- | --- |

**Online Discussion:**

* We need to take into account the guidance from the opening plenary. Remove Dec 21 and Jan 25.

**Decision:**

* Agreed with updates

**S4-211359** is revised to **S4-211555.**

| [S4-211555](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211555.zip) | Work plan for FS\_5GVideo | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**S4-211555** is agreed**.**

| [S4-211360](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211360.zip) | TR26.955: Proposed Editor's Update from Telcos | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1360, Block A, 12th Nov. 2200CET] Proposed Editor's Update from Telcos](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2b2ca121.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:58:54 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* none

**Decision:**

* No comments

**S4-211360** is agreed.

| [S4-211553](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211553.zip) | TR26.955v1.4.0 | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

| [S4-211361](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211361.zip) | [FS\_5G\_Video] Status after AHG Calls | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1361, Block A, 12th Nov. 2200CET] Status after AHG Calls](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;faab9b4f.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:59:16 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* No comments

**Decision:**

* agreed

**S4-211361** is agreed.

| [S4-211554](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211554.zip) | [FS\_5G\_Video] Status Update | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

| [S4-211362](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211362.zip) | pCR26.955: Multiple Editorial Fixes | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1362, Block A, 12th Nov. 2200CET] Multiple Editorial Fixes](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f1d01b13.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:59:28 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* No comments

**Decision:**

* agreed

**S4-211362** is agreed.

| [S4-211363](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211363.zip) | pCR26.955: Software Updates | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1363, Block A, 12th Nov. 2200CET] Software Updates](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;71f4a9.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:59:36 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* No comments

**Decision:**

* agreed

**S4-211363** is agreed.

| [S4-211364](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211364.zip) | [FS\_5G\_Video] Metrics and Characterization Updates | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1364, Block A, 12th Nov. 2200CET] Metrics and Characterization Updates](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;4155e565.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:59:48 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* Alexis: Change luminance to luma
  + Thomas: ok
* Dmytro: Can we remove PSNR?
  + Thomas: agree, first 2
* Alexis:
  + A space is missing in "asdefined" in the MS-SSIM line
  + It should also be "component wPSNR(Y)".

**Decision:**

* Agreed with comments

**S4-211364** is agreed.

| [S4-211405](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211405.zip) | [FS\_5GVideo] pCR 26.955: Updated EVC software version and HDR configuration files | Samsung Electronics Co. Ltd., Qualcomm Inc. | Rajan Joshi |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1405, Block A, 12th Nov. 2200CET] Updated EVC software version and HDR configuration files](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;db4240a8.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:03 +0000 |
| --- | --- | --- |

**Revisions**

none

**Online Discussion:**

* No comments

**Decision:**

* agreed

**S4-211405** is agreed.

| [S4-211406](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211406.zip) | [FS\_5GVideo] EVC bitstreams for Scenarios 1-5 | Samsung Electronics Co. Ltd., Qualcomm Inc. | Rajan Joshi |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1406, Block A, 12th Nov. 2200CET] EVC bitstreams for Scenarios 1-5](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;d8512f96.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:10 +0000 |
| --- | --- | --- |
| [[FS\_5GVideo, 1406, Block A, 12th Nov. 2200CET] EVC bitstreams for Scenarios 1-5](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;b314ec0e.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 13:35:29 +0000 |

**Revisions**

none

**Online Discussion:**

* Thomas explains the issue
* Thomas: add note that sparks is still missing

**Decision:**

* Agreed with comment

**S4-211406** is agreed.

| [S4-211429](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211429.zip) | Verification of the HEVC SDR anchors for Scenario 1 and Scenario 2 | Qualcomm Incorporated, Interdigital, Ericsson LM | Dmytro Rusanovskyy |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1429, Block A, 12th Nov. 2200CET] Verification of the HEVC SDR anchors for Scenario 1 and Scenario 2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;9366e698.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:20 +0000 |
| --- | --- | --- |
| [[FS\_5GVideo, 1429, Block A, 12th Nov. 2200CET] Verification of the HEVC SDR anchors for Scenario 1 and Scenario 2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;dd9c5648.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 12:31:14 +0000 |

**Revisions**

none

**Online Discussion:**

* Need to add verification reports

**Decision:**

**S4-211429** is agreed.

| [S4-211431](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211431.zip) | [FS\_5GVideo] H.265/HEVC HDR anchors for Scenarios 1 and 2 | Qualcomm Incorporated, Ericsson LM | Dmytro Rusanovskyy |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1431, Block A, 12th Nov. 2200CET] H.265/HEVC HDR anchors for Scenarios 1 and 2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fd6e1a6e.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:29 +0000 |
| --- | --- | --- |
| [[FS\_5GVideo, 1431, Block A, 12th Nov. 2200CET] H.265/HEVC HDR anchors for Scenarios 1 and 2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;affdd9db.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 13:35:47 +0000 |

**Revisions**

none

**Online Discussion:**

* Anchors need to be provided.

**Decision:**

**S4-211431** is agreed.

| [S4-211502](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211502.zip) | Verification of HDR HEVC anchors in S1 and S2 | Ericsson LM, Qualcomm Incorporated | Lukasz Litwic |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1502, Block A, 12th Nov. 2200CET] Verification of HDR HEVC anchors in S1 and S2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;bac0a470.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:43 +0000 |
| --- | --- | --- |
| [[FS\_5GVideo, 1502, Block A, 12th Nov. 2200CET] Verification of HDR HEVC anchors in S1 and S2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;284816c.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 12:30:24 +0000 |

**Revisions**

none

**Online Discussion:**

* Need verification report to be generated.

**Decision:**

**S4-211502** is agreed.

| S4-211503 | Configuration files for HDR metrics | Ericsson LM | Lukasz Litwic |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211503** is noted/agreed/revised.

| [S4-211504](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211504.zip) | VTM configuration files for S4 | Ericsson LM | Lukasz Litwic |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GVideo, 1504, Block A, 12th Nov. 2200CET] S4-211504 VTM configuration files for S4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;7719132e.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:00:53 +0000 |
| --- | --- | --- |
| [[FS\_5GVideo, 1504, Block A, 12th Nov. 2200CET] S4-211504 VTM configuration files for S4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fe88314b.2111B&S=) | Thomas Stockhammer | Thu, 11 Nov 2021 13:35:37 +0000 |

**Revisions**

none

**Online Discussion:**

* No comments

**Decision:**

* agreed

**S4-211504** is agreed.

| S4-211505 | Suplemental results for SDR HEVC anchors in S1 and S2 | Ericsson LM | Lukasz Litwic |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211505** is noted/agreed/revised.

## 10.8 FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media)

WID: [*SP-200054*](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_87E_Electronic/Docs/SP-200054.zip) Feasibility Study on Typical Traffic Characteristics for XR Services and other Media

| S4-211365 | [FS\_XRTraffic] Proposed Workplan Updates | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211365** is noted/agreed/revised.

| [S4-211366](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211366.zip) | [FS\_XRTraffic] Proposed Updated TR26.926 | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211366** is noted/agreed/revised.

| S4-211495 | [FS\_XRTraffic] Proposed Updated TR26.926 | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211495** is noted/agreed/revised.

## 10.9 FS\_5GSTAR (Feasibility Study on 5G Glass-type AR/MR Devices)

WID: [SP\_200399](http://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_88E_Electronic/Docs/SP-200399.zip) New SID on 5G Glass-type AR/MR Devices

| [S4-211344](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211344.zip) | Draft TR 26.998 v1.0.4 | Samsung Guangzhou Mobile R&D | Hakju Ryan Lee |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1344, Block A, 11th Nov. 2200CET] Draft TR 26.998 v1.0.4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;aab808ae.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:28 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1344, Block A, 11th Nov. 2200CET] Draft TR 26.998 v1.0.4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;dbdec645.2111B&S=) | Fabrice Plante | Tue, 9 Nov 2021 22:57:22 -0800 |
| [[FS\_5GSTAR, 1344, Block A, 11th Nov. 2200CET] Draft TR 26.998 v1.0.4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;9afabef6.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 16:08:42 +0900 |
| [[FS\_5GSTAR, 1344, Block A, 11th Nov. 2200CET] Draft TR 26.998 v1.0.4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;aab172bc.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:01:38 +0000 |

**Revisions**

none

**Online Discussion:**

* Address the one typo

**Decision:**

* Agreed with fix

**S4-211344** is agreed.

| [S4-211545](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211545.zip) | Draft TR 26.998 v1.1.0 | Samsung Guangzhou Mobile R&D | Hakju Ryan Lee |
| --- | --- | --- | --- |

| [S4-211367](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211367.zip) | [FS\_5GSTAR] Proposes Updates to TR | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;4d2a1df4.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:38 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f4648138.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 16:23:33 +0900 |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;d2021a73.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 07:28:14 +0000 |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;bca0c4fb.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 16:50:42 +0900 |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;28e3f4d9.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 08:15:18 +0000 |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fca7a943.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:20:15 +0900 |
| [[FS\_5GSTAR, 1367, Block A, 11th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fca7a943.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:20:15 +0900 |
| [[FS\_5GSTAR, 1367, Block A, 12th Nov. 2200CET] Proposes Updates to TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;99c7e5fd.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 16:14:00 +0000 |

**Revisions**

* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211367r01.zip

**Online Discussion:**

* none

**Decision:**

* Wait for e-mail agreement

**S4-211367** is noted/agreed/revised.

| [S4-211368](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211368.zip) | [FS\_5GSTAR] Scenario KPIs and QoS | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1368, Block A, 11th Nov. 2200CET] Scenario KPIs and QoS](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;9d067e81.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:44 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1368, Block A, 11th Nov. 2200CET] Scenario KPIs and QoS](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;518fb330.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:06:32 +0900 |
| [[FS\_5GSTAR, 1368, Block A, 11th Nov. 2200CET] Scenario KPIs and QoS](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;51ec36b3.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 20:53:42 +0000 |
| [[FS\_5GSTAR, 1368, Block A, 11th Nov. 2200CET] Scenario KPIs and QoS](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;e50e6d5e.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 16:10:37 +0000 |

**Revisions**

https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211368-scenario-kpis-r01.docx

**Online Discussion:**

* Remove figure and only add reference.

**Decision:**

* Agreed in principle, will be revised

**S4-211368** is revised to **S4-211546**.

| [S4-211546](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211546.zip) | [FS\_5GSTAR] Scenario KPIs and QoS | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**S4-211546** is agreed.

| [S4-211369](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211369.zip) | [FS\_5GSTAR] On Spatial Computing | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1369, Block A, 11th Nov. 2200CET] On Spatial Computing](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;ab40b3ca.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:55 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1369, Block A, 11th Nov. 2200CET] On Spatial Computing](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;7ca5071f.2111B&S=) | Ahsan, Saba (Nokia - FI/Espoo) | Thu, 11 Nov 2021 11:49:10 +0000 |

**Revisions**

none

**Online Discussion:**

* Thomas quickly presents

**Decision:**

* offline

**S4-211369** is noted/agreed/revised.

| [S4-211370](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211370.zip) | [FS\_5GSTAR] Networked AR Latencies | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1370, Block A, 11th Nov. 2200CET] Networked AR Latencies](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2e1a7c94.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:33:49 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1370, Block A, 11th Nov. 2200CET] Networked AR Latencies](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f4bfb506.2111B&S=) | Sungryeul Rhyu | Wed, 10 Nov 2021 17:11:00 +0900 |
| [[FS\_5GSTAR, 1370, Block A, 11th Nov. 2200CET] Networked AR Latencies](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;dbfc9a45.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 21:09:17 +0000 |
| [[FS\_5GSTAR, 1370, Block A, 11th Nov. 2200CET] Networked AR Latencies](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;abb77e19.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 09:55:11 +0900 |
| [[FS\_5GSTAR, 1370, Block A, 11th Nov. 2200CET] Networked AR Latencies](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6cbb8d9.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:16:31 +0000 |

**Revisions**

none

**Online Discussion:**

* Ryan: Remove cylinders
  + Thomas: can remove, but this is more correct
  + Ryan: ok keep buffers and explain
  + Thomas: ok can do

**Decision:**

* Agreed with the addition to explain the figures.

**S4-211370** is revised to **S4-211550**.

| [S4-211550](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211550.zip) | [FS\_5GSTAR] Networked AR Latencies | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**S4-211550** is agreed.

| [S4-211371](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211371.zip) | [FS\_5GSTAR] Proposed Updated Conclusions | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1371, Block A, 11th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;58f88468.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:05 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1371, Block A, 11th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6a4fa138.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:58:43 +0900 |
| [[FS\_5GSTAR, 1371, Block A, 11th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6a4fa138.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:58:43 +0900 |

**Revisions**

https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211371\_Conclusions\_Samsung\_Orange2.docx

**Online Discussion:**

* none

**Decision:**

* Merged into **S4-211552.**

**S4-211371** is merged to **S4-211552**.

| [S4-211552](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211552.zip) | [FS\_5GSTAR] Proposed Updated Conclusions | Qualcomm Incorporated, Samsung, Ericsson, others | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

| [[FS\_5GSTAR, 1552, Block A, 12th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;a85fe070.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 16:05:51 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1552, Block A, 12th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6656a485.2111B&S=) | Hakju Ryan Lee | Fri, 12 Nov 2021 09:33:25 +0900 |
| [[FS\_5GSTAR, 1552, Block A, 12th Nov. 2200CET] Proposed Updated Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;ac55c841.2111B&S=) | Fabrice Plante | Thu, 11 Nov 2021 17:38:02 -0800 |

**Online Discussion:**

**Decision:**

**S4-211552** is agreed/noted/revised.

| [S4-211372](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211372.zip) | [FS\_5GSTAR] Workshop Report | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1372, Block A, 11th Nov. 2200CET] Workshop Report](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f5694460.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:09 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1372, Block A, 11th Nov. 2200CET] Workshop Report](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;7db41e3b.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:01:58 +0000 |

**Revisions**

none

**Online Discussion:**

* none

**Decision:**

* agreed

**S4-211372** is agreed.

| [S4-211388](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211388.zip) | QoS considerations for WLAR | Qualcomm Wireless GmbH | Imed Bouazizi |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1388, Block A, 11th Nov. 2200CET] QoS considerations for WLAR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;4384f4ba.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:13 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1388, Block A, 11th Nov. 2200CET] QoS considerations for WLAR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;da0b8fd9.2111B&S=) | Hakju Ryan Lee | Wed, 10 Nov 2021 17:12:16 +0900 |
| [[FS\_5GSTAR, 1388, Block A, 11th Nov. 2200CET] QoS considerations for WLAR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6e913805.2111B&S=) | Imed Bouazizi | Wed, 10 Nov 2021 19:42:42 +0000 |
| [[FS\_5GSTAR, 1388, Block A, 11th Nov. 2200CET] QoS considerations for WLAR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;72f0259a.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:03:14 +0000 |

**Revisions**

none

**Online Discussion:**

* Ryan: just some technical questions, no requests for changes.

**Decision:**

* agreeable.

**S4-211388** is agreed.

| [S4-211400](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211400.zip) | [FS\_5GSTAR] Text revision to Introduction | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1400, Block A, 11th Nov. 2200CET] Text revision to Introduction](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;168f7332.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:18 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1400, Block A, 11th Nov. 2200CET] Text revision to Introduction](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;75258d68.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 17:35:50 +0000 |
| [[FS\_5GSTAR, 1400, Block A, 11th Nov. 2200CET] Text revision to Introduction](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;a5c50eb5.2111B&S=) | Eric Yip | Thu, 11 Nov 2021 09:53:48 +0900 |

**Revisions**

https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211400r01.docx

**Online Discussion:**

* See revision

**Decision:**

* Revision is agreed

**S4-211400** is revised to **S4-211547.**

| [S4-211547](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211547.zip) | [FS\_5GSTAR] Text revision to Introduction | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**S4-211547** is agreed.

| [S4-211401](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211401.zip) | [FS\_5GSTAR] 6.3.4 updates | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1401&1408, Block A, 11th Nov. 2200CET] 6.3.4 updates](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6a1b54ae.2111B&S=) | Eric Yip | Wed, 10 Nov 2021 15:33:50 +0900 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1401, Block A, 11th Nov. 2200CET] 6.3.4 updates](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f07b2edc.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:22 +0000 |
| [[FS\_5GSTAR, 1401, Block A, 11th Nov. 2200CET] 6.3.4 updates](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;4d73f9bb.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 18:21:52 +0000 |

**Revisions**

* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211401r01.docx>
* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211401r01\_Tencent.docx
* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211401r02.docx

**Online Discussion:**

* See revisions

**Decision:**

* Revison 2 is agreed

**S4-211401** is merged to **S4-211551.**

| [S4-211551](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211551.zip) | [FS\_5GSTAR] 6.3.4 updates | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**S4-211551** is agreed**.**

| [S4-211407](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211407.zip) | [FS\_5GSTAR] Update on Streaming call flows | Tencent Cloud | Iraj Sodagar |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;df48b170.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:37 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;bbbc18d5.2111B&S=) | Eric Yip | Wed, 10 Nov 2021 09:52:27 +0900 |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;22f69a59.2111B&S=) | Eric Yip | Wed, 10 Nov 2021 14:29:19 +0900 |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;3d7ca1ae.2111B&S=) | teniou(TeniouGilles) | Wed, 10 Nov 2021 06:20:11 +0000 |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;375189d2.2111B&S=) | Iraj Sodagar | Wed, 10 Nov 2021 18:30:35 +0000 |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;c97fc246.2111B&S=) | Eric Yip | Thu, 11 Nov 2021 09:30:56 +0900 |
| [[FS\_5GSTAR, 1407&1408, Block A, 11th Nov. 2200CET] Update on Streaming call flows/Updates on the interactive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;10e3f089.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 16:12:31 +0000 |

**Revisions**

none

**Online Discussion:**

* Iraj explains the motivation.

**Decision:**

* agreed

**S4-211407** is agreed.

| [S4-211408](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211408.zip) | [FS\_5GSTAR] Updates on the interactive immersive call flows | Tencent Cloud | Iraj Sodagar |
| --- | --- | --- | --- |

**E-mail Discussion:**

See 1407

**Decision:**

* Merge to 1551

**S4-211408** is merged to **S4-211551**.

| [S4-211409](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211409.zip) | [FS\_5GSTAR] Update on cognitive immersive call flows | Tencent Cloud | Iraj Sodagar |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;ee91f362.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:46 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;8f9fef0f.2111B&S=) | Iraj Sodagar | Wed, 10 Nov 2021 19:17:35 +0000 |
| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;b9062157.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 20:26:36 +0000 |
| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;8be3290d.2111B&S=) | Iraj Sodagar | Wed, 10 Nov 2021 20:41:45 +0000 |
| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;96ea0842.2111B&S=) | Hakju Ryan Lee | Thu, 11 Nov 2021 14:13:34 +0900 |
| [[FS\_5GSTAR, 1409&1475, Block A, 11th Nov. 2200CET] pCR on Spatial computing/cognition scenario / Update on cognitive immersive call flows](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;b32b58f3.2111B&S=) | Ahsan, Saba (Nokia - FI/Espoo) | Thu, 11 Nov 2021 07:11:01 +0000 |

**Revisions**

none

**Online Discussion:**

**Decision:**

* offline

**S4-211409** is noted/agreed/revised.

| [S4-211419](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211419.zip) | [FS\_5GSTAR] EDGAR-based Conversational service update | Tencent Cloud | Iraj Sodagar |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1419, Block A, 11th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2bfb7904.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:41 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1419, Block A, 11th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;63f19088.2111B&S=) | Imed Bouazizi | Wed, 10 Nov 2021 20:54:59 +0000 |
| [[FS\_5GSTAR, 1419, Block A, 11th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;747446f2.2111B&S=) | Iraj Sodagar | Thu, 11 Nov 2021 00:56:35 +0000 |
| [[FS\_5GSTAR, 1419, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;c9f610e1.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:35:17 +0000 |
| [[FS\_5GSTAR, 1419, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fdea3c14.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 18:35:12 +0000 |
| [[FS\_5GSTAR, 1419, Block A, 12th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fdbf2cb.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:38:41 +0000 |
| [[FS\_5GSTAR, 1419, Block A, 12th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;3ed34a52.2111B&S=) | Iraj Sodagar | Fri, 12 Nov 2021 02:56:59 +0000 |

**Revisions**

* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211419-5GSTAR-ConversationalEDGAR-r01.docx>
* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211419-5GSTAR-ConversationalEDGAR-r02-Ericsson.docx>
* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211419-5GSTAR-ConversationalEDGAR-r02.docx

**Online Discussion:**

* Ali: What is the purpose of the scene graph generator? Why here on the producer side
  + Iraj: in EDGAR you have capture, hence MRF creates a scene graph.
  + Ali: if specific for EDGAR, should not go into generic architecture.
  + Imed: you would always need a scene or scene generator. The scene is always generator in the network. In default case it is the MRF
  + Iraj: Create a figure where the scene is generated in the MRF
  + Ali: MRF is a specific term, we should generalize
* We have two network entities, one for edge rendering, and one for scene generation.

**Decision:**

* E-mail discussion will continue

**S4-211419** is noted/agreed/revised.

| [S4-211423](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211423.zip) | [FS\_5GSTAR] pCR on clause 6.5: Editor’s updates on conversational | Samsung Guangzhou Mobile R&D | Hakju Ryan Lee |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1423, Block A, 11th Nov. 2200CET] pCR on clause 6.5: Editor’s updates on conversational](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;562c776c.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:56 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1423, Block A, 11th Nov. 2200CET] pCR on clause 6.5: Editor’s updates on conversational](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;8bda89f6.2111B&S=) | Imed Bouazizi | Wed, 10 Nov 2021 21:24:14 +0000 |
| [[FS\_5GSTAR, 1423, Block A, 11th Nov. 2200CET] pCR on clause 6.5: Editor’s updates on conversational](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;1f2c625c.2111B&S=) | Hakju Ryan Lee | Thu, 11 Nov 2021 06:57:57 +0900 |
| [[FS\_5GSTAR, 1423, Block A, 12th Nov. 2200CET] pCR on clause 6.5: Editor’s updates on conversational](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;1edeed46.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:38:32 +0000 |
| [[FS\_5GSTAR, 1423, Block A, 12th Nov. 2200CET] pCR on clause 6.5: Editor’s updates on conversational](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6d67503b.2111B&S=) | Hakju Ryan Lee | Fri, 12 Nov 2021 15:51:01 +0900 |

**Revisions**

https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211423r1%20Editor%20update%20on%20conversational.docx

**Online Discussion:,**

* Thomas: you also need to send data upstream, generally only formats that can be produced on the device. Referring to streaming data formats is not appropriate.

**Decision:**

* Continue e-mail discussion

**S4-211423** is noted/agreed/revised.

| [S4-211424](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211424.zip) | [FS\_5GSTAR] pCR on Potential Normative Works | Samsung Guangzhou Mobile R&D | Hakju Ryan Lee |
| --- | --- | --- | --- |

**S4-211424** is revised to **S4-211497**.

| [S4-211425](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211425.zip) | [FS\_5GSTAR] pCR on Conclusions | Samsung Guangzhou Mobile R&D | Hakju Ryan Lee |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1425, Block A, 11th Nov. 2200CET] pCR on Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;5fb9d674.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:34:52 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1425, Block A, 11th Nov. 2200CET] pCR on Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;5831db76.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 20:00:24 +0000 |
| [[FS\_5GSTAR, 1425, Block A, 11th Nov. 2200CET] pCR on Conclusions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;fc7496f6.2111B&S=) | Hakju Ryan Lee | Thu, 11 Nov 2021 06:08:58 +0900 |

**Revisions**

none

**Online Discussion:**

* See also discussion on 1371.

**Decision:**

* Is merged with 1371

**S4-211425** is merged with **S4-211552**.

| [S4-211475](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211475.zip) | [FS\_5GSTAR] pCR on Spatial computing/cognition scenario | Nokia Corporation, Samsung Electronics Co. Ltd., B<>Com | Saba Ahsan |
| --- | --- | --- | --- |

**E-mail Discussion:**

See discussion for S4-211409.

**Revisions**

none

**Online Discussion:**

**Decision:**

* Offline discussion

**S4-211475** is noted/agreed/revised.

| [S4-211481](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211481.zip) | [FS\_5GSTAR] pCR on clause 3.1 Definitions | Samsung R&D Institute India | Sungryeul Rhyu |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;883ede39.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:35:00 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] EDGAR-based Conversational service update](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;6adc215b.2111B&S=) | Iraj Sodagar | Wed, 10 Nov 2021 19:38:35 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;c650295d.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:43:10 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;77247a3e.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 21:20:31 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;36fdecd0.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 09:33:02 +0900 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;377499aa.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 09:42:22 +0900 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2115c24f.2111B&S=) | Iraj Sodagar | Thu, 11 Nov 2021 01:08:57 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;272e81ba.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 10:55:33 +0900 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;27b33ef8.2111B&S=) | Iraj Sodagar | Thu, 11 Nov 2021 02:09:13 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;59388088.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 11:20:52 +0900 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;e3610ae.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:12:11 +0000 |
| [[FS\_5GSTAR, 1481, Block A, 11th Nov. 2200CET] pCR on clause 3.1 Definitions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;a832c023.2111B&S=) | Sungryeul Rhyu | Fri, 12 Nov 2021 00:12:27 +0900 |

**Revisions**

* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211481_QC.docx>
* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211481r01.docx>
* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_116-e/Inbox/Drafts/VIDEO/S4-211481r01-Tencent.docx>
* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211481r02.docx

**Online Discussion:**

* Review revision 2

**Decision:**

* Revision r02 agreed

**S4-211481** is revised to **S4-211548.**

| [S4-211548](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211548.zip) | [FS\_5GSTAR] pCR on clause 3.1 Definitions | Samsung R&D Institute India | Sungryeul Rhyu |
| --- | --- | --- | --- |

**S4-211548** is agreed.

| [S4-211482](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211482.zip) | [FS\_5GSTAR] pCR on clause 3.3 Abbreviations | Samsung R&D Institute India | Sungryeul Rhyu |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1482, Block A, 11th Nov. 2200CET] pCR on clause 3.3 Abbreviations](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2b7ac327.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:35:05 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1482, Block A, 11th Nov. 2200CET] pCR on clause 3.3 Abbreviations](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;f25ab0ca.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 17:56:35 +0000 |
| [[FS\_5GSTAR, 1482, Block A, 11th Nov. 2200CET] pCR on clause 3.3 Abbreviations](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;d5fe52dc.2111B&S=) | Sungryeul Rhyu | Thu, 11 Nov 2021 09:46:19 +0900 |
| [[FS\_5GSTAR, 1482, Block A, 11th Nov. 2200CET] pCR on clause 3.3 Abbreviations](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;2642b51e.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:14:10 +0000 |
| [[FS\_5GSTAR, 1482, Block A, 11th Nov. 2200CET] pCR on clause 3.3 Abbreviations](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;55e20218.2111B&S=) | Sungryeul Rhyu | Fri, 12 Nov 2021 00:17:25 +0900 |

**Revisions**

* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_116-e/Inbox/Drafts/VIDEO/S4-211482r01.docx

**Online Discussion:**

* R1 is good. Run one more check

**Decision:**

* Agreed. Run one more check if needed.

**S4-211482** is revised to **S4-211549.**

| [S4-211549](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211549.zip) | [FS\_5GSTAR] pCR on clause 3.3 Abbreviations | Samsung R&D Institute India | Sungryeul Rhyu |
| --- | --- | --- | --- |

**S4-211549** is agreed.

| [S4-211484](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211484.zip) | [FS\_5GSTAR] pCR for text consistency | Samsung R&D Institute India | Sungryeul Rhyu |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1484, Block A, 11th Nov. 2200CET] pCR for text consistency](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;4f40c0f5.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:35:09 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1484, Block A, 11th Nov. 2200CET] pCR for text consistency](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;95e9b973.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 18:24:15 +0000 |
| [[FS\_5GSTAR, 1484, Block A, 11th Nov. 2200CET] pCR for text consistency](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;681b81cc.2111B&S=) | teniou(TeniouGilles) | Thu, 11 Nov 2021 15:02:42 +0000 |

**Revisions**

none

**Online Discussion:**

* Thomas: just want to make sure that we do not do this last. Otherwise ok

**Decision:**

* Agreed, but some clauses may be addressed by other contributions

**S4-211484** is agreed.

| [S4-211497](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211497.zip) | [FS\_5GSTAR] pCR on Potential Normative Work | Samsung Electronics Co., Ltd., Ericsson LM | Hyun-Koo Yang |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1497, Block A, 11th Nov. 2200CET] pCR on Potential Normative Work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;afe9726e.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 22:35:13 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1497, Block A, 11th Nov. 2200CET] pCR on Potential Normative Work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;d3fa76a4.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 19:07:11 +0000 |
| [[FS\_5GSTAR, 1497, Block A, 11th Nov. 2200CET] pCR on Potential Normative Work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;1b485a37.2111B&S=) | Hakju Ryan Lee | Thu, 11 Nov 2021 06:06:32 +0900 |

**Revisions**

none

**Online Discussion:**

* Thomas: not sure why we create a separate clause 8.y. Should be

**Decision:**

* Merge with square brackets

**S4-211497** is merged to **S4-211552.**

| [S4-211539](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211539.zip) | Proposals for FS\_5STAR TR | Orange | Stephane Ragot |
| --- | --- | --- | --- |

**E-mail Discussion:**

| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;c257970f.2111B&S=) | teniou(TeniouGilles) | Tue, 9 Nov 2021 23:46:55 +0000 |
| --- | --- | --- |
| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;60bf9f07.2111B&S=) | Thomas Stockhammer | Wed, 10 Nov 2021 21:22:27 +0000 |
| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;581f1709.2111B&S=) | Stephane Ragot | Thu, 11 Nov 2021 07:49:45 +0000 |
| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;a7fc062a.2111B&S=) | Stephane Ragot | Thu, 11 Nov 2021 08:04:32 +0000 |
| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;420d343c.2111B&S=) | Rihito Suzuki | Thu, 11 Nov 2021 21:16:24 +0900 |
| [[FS\_5GSTAR, 1539, Block A, 11th Nov. 2200CET] Proposals for FS\_5STAR TR](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_VIDEO;ade66aee.2111B&S=) | Kyunghun Jung | Thu, 11 Nov 2021 16:11:59 +0000 |

**Revisions**

none

**Online Discussion:**

* Merge with 1552.

**Decision:**

* merge

**S4-211539** is merged into **S4-211552.**

## 10.10 New Work / New Work Items and Study Items

| [S4-211373](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211373.zip) | 5G Media Service Enablers | Qualcomm Incorporated, Dolby, Orange, Tencent | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211373** is noted/agreed/revised.

| [S4-211375](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211375.zip) | Media Capabilities for Augmented Reality Glasses | Qualcomm Incorporated | Thomas Stockhammer |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211375** is noted/agreed/revised.

| [S4-211402](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211402.zip) | Discussion on AI/ML | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211402** is noted/agreed/revised.

| [S4-211403](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211403.zip) | Draft New SID on Media aspects of 5GS Support for AI/ML based services | Samsung R&D Institute UK | Eric Yip |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211403** is noted/agreed/revised.

| [S4-211416](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211416.zip) | Draft New Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media | Tencent | Gilles Teniou |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211416** is noted/agreed/revised.

| [S4-211417](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211417.zip) | Draft New WID on Augmented Reality (AR) profiles for Streaming | Tencent | Gilles Teniou |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211417** is noted/agreed/revised.

| [S4-211496](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211496.zip) | Media Capabilities for Augmented Reality Glasses | Xiaomi Communications, Qualcomm Incorporated | Emmanuel Thomas |
| --- | --- | --- | --- |

**E-mail Discussion:**

**Revisions**

none

**Online Discussion:**

**Decision:**

**S4-211496** is noted/agreed/revised.

## 10.11 Liaisons and Liaison Responses

none.

## 10.12 Any Other Business

The report will be made available.

Output documents

## 10.13 Close of the session

The chairman thanked the participants. Thomas Stockhammer thanked the chairman on behalf of the delegates.

The online session was closed on August 26, 2021 at 16:26 (CEST).

No more e-mail approval is pending.

## 10.14 Attendees

| **TITLE** | **Family Name** | **Given Name** | **Organization Represented** | **Present** |
| --- | --- | --- | --- | --- |
| Dr. | Abhishek | Rohit | Tencent |  |
| Mr. | Aghili | Behrouz | InterDigital, Inc. |  |
| Dr. | Ahsan | Saba | Nokia Belgium |  |
| Mr. | Aracena | Mauricio | Ericsson LM |  |
| Mr. | AUMONT | FRANCK | InterDigital France R&D, SAS |  |
| Dr. | Bouazizi | Imed | Qualcomm Wireless GmbH |  |
| Ing. | Bouchmal | Faiza | Casa Systems Inc. |  |
| Dr. | Bradbury | Richard | BBC |  |
| Mr. | Bross | Benjamin | Fraunhofer HHI | yes |
| Dr. | Bruhn | Stefan | Dolby Laboratories Inc. |  |
| Dr. | Budagavi | Madhukar | Samsung Electronics GmbH |  |
| Mr. | Burdinat | Christophe | ATEME |  |
| Mr. | Burman | Bo | Ericsson France S.A.S |  |
| Mr. | Champel | Mary-Luc | Beijing Xiaomi Electronics | yes |
| Dr. | Chan | Yee Sin | Facebook |  |
| Dr. | Chen | Lulin | MediaTek Inc. | Yes |
| Mr. | Choi | Hyung-Nam | Motorola Mobility UK Ltd. |  |
| Dr. | Curcio | Igor | Nokia Corporation |  |
| Mr. | Curti | Alain | Orange UK |  |
| Mr. | Dadas | Mohammed | Orange |  |
| Mr. | Dawkins | Spencer | Tencent |  |
| Mr. | De Bont | Frans | Philips International B.V. |  |
| Mr. | Diaz | Edward | Verizon Spain |  |
| Mr. | Doehla | Stefan | Fraunhofer IIS |  |
| Dr. | Ehara | Hiroyuki | Panasonic Corporation |  |
| Miss | Eitoku | Haruka | NTT corporation |  |
| Dr. | El Essaili | Ali | Ericsson Telecomunicazioni SpA |  |
| Dr. | Feiten | Bernhard | Deutsche Telekom AG |  |
| Mr. | Fogg | Chad | Google Inc. |  |
| Dr. | Francois | Edouard | InterDigital France R&D, SAS |  |
| Mr. | Gabin | Frederic | Dolby Laboratories Inc. | yes |
| Mr. | Gao | Yuan | Huawei Technologies France |  |
| Mr. | Gibellino | Diego | TELECOM ITALIA S.p.A. |  |
| Dr. | Gierlich | Hans Wilhelm | HEAD acoustics GmbH |  |
| Dr. | Giménez | Jordi | 5G MAG |  |
| Dr. | Gorley | Paul | BBC |  |
| Mr. | Gu | Xiaojun | Huawei Technologies R&D UK |  |
| Prof. | Guan | Ke | BJTU |  |
| Mr. | Gudumasu | Srinivas | InterDigital Communications | Yes |
| Mr. | Gunkel | Simon | KPN N.V. |  |
| Dr. | Hamza | Ahmed | InterDigital Communications | Yes |
| Dr. | Han | Jae-Shin | LG Electronics Deutschland |  |
| Dr. | He | Xuan (Shane) | Nokia Germany |  |
| Dr. | He | Yong | Qualcomm Incorporated |  |
| Mr. | Heikkilä | Gunnar | Ericsson Japan K.K. |  |
| Dr. | Holub | Jan | Mesaqin.com s.r.o (Ltd.) |  |
| Mr. | Homkar | Ajay | Cadence Design Systems Inc. |  |
| Mr. | Howells | Elfed | Huawei Device Co., Ltd | Yes |
| Dr. | Hu | James | AT&T GNS Belgium SPRL |  |
| Mr. | Inoue | Yoshihiro | NTT | Yes |
| Dr. | Isabelle | Scott | Amazon |  |
| Mr. | Jansson Toftgård | Tomas | Ericsson LM |  |
| Dr. | Jelinek | Milan | VoiceAge Corporation |  |
| Dr. | Joshi | Rajan | Samsung Electronics France SA |  |
| Dr. | Jung | Kyunghun | Facebook |  |
| Dr. | Kim | Wuk | Harman GmbH |  |
| Dr. | Kolan | Prakash | Samsung Electronics Polska |  |
| Dr. | Kroon | Peter | Apple Benelux B.V. |  |
| Mr. | Kwon | WooSuk | LG Electronics Inc. | Yes |
| Mr. | Laaksonen | Lasse | Nokia France |  |
| Dr. | Lee | Brian | Dolby Technology India Pvt Ltd | Yes |
| Dr. | Lee | Hakju Ryan | Samsung Guangzhou Mobile R&D |  |
| Dr. | Lei | Yixue | Tencent |  |
| Mr. | Lemotheux | Julien | Orange Spain | Yes |
| Mr. | Leung | Nikolai | Qualcomm Incorporated |  |
| Miss | LI | QIUTING | ZTE Corporation |  |
| Dr. | Litwic | Lukasz | Ericsson LM |  |
| Mr. | Liu | Dan | ZTE Corporation |  |
| Mr. | LIU | Jianning(Carry) | Beijing Xiaomi Software Tech |  |
| Mrs. | Liu | Yan | HUAWEI TECHNOLOGIES Co. Ltd. | Yes |
| Mr. | Lo | Charles | Qualcomm Technologies Ireland |  |
| Dr. | Lohmar | Thorsten | Ericsson GmbH, Eurolab |  |
| Mr. | Ma | Liangping | QUALCOMM Europe Inc. - Italy | Yes |
| Dr. | Mccarthy | Sean | Dolby Laboratories Inc. |  |
| Mr. | Morita | Naotaka | NTT corporation |  |
| Dr. | Moriya | Takehiro | NTT |  |
| Mr. | Multrus | Markus | Fraunhofer IIS |  |
| Mr. | Nangia | Vijay | Motorola Mobility UK Ltd. |  |
| Dr. | Ni | Hui | HiSilicon Technologies Co. Ltd |  |
| Mr. | Nikitin | Pavel | InterDigital France R&D, SAS |  |
| Mr. | Norvell | Erik | Ericsson LM |  |
| Mr. | O'Leary | Edward | Rogers Communications Canada |  |
| Dr. | Pan | Qi | Huawei Tech.(UK) Co.. Ltd | Yes |
| Mr. | Patry | Frank | Omnispace |  |
| Mr. | Pazos | Marcelo | Qualcomm Europe Inc. Sweden |  |
| Dr. | Peng | Ke | OPPO |  |
| Ms. | Perey | Christine | Perey Research & Consulting |  |
| Mr. | Plante | Fabrice | Apple Italia S.R.L. |  |
| Mr. | Pousi | Timo | Oy LM Ericsson AB |  |
| Mr. | Ragot | Stephane | Orange Romania | Yes |
| Mr. | Rämö | Anssi | Nokia Germany |  |
| Mr. | Reimes | Jan | HEAD acoustics GmbH |  |
| Mr. | Rhyu | Sungryeul | Samsung R&D Institute India |  |
| Mr. | Rigolage | Thomas | PCTEST Engineering Lab |  |
| Mr. | Royan | Jerome | B-Com |  |
| Dr. | Rusanovskyy | Dmytro | Qualcomm India Pvt Ltd |  |
| Mr. | Sanchez de la Fuente | Yago | Fraunhofer HHI | Yes |
| Mr. | Schevciw | Andre | Qualcomm Technologies Int |  |
| Ms. | Shen | Yang | Beijing Xiaomi Mobile Software |  |
| Mr. | Simmons | John | Google Inc. |  |
| Mr. | Singer | David | Apple (UK) Limited |  |
| Mr. | Smith | David K. | AT&T |  |
| Dr. | Sodagar | Iraj | Tencent Cloud |  |
| Dr. | Song | Jaeyeon | Samsung Electronics Co., Ltd |  |
| Mr. | Steck | Chris | Cisco Systems France |  |
| Mr. | Stegenborg-Andersen | Tore | FORCE Technology |  |
| Dr. | Stockhammer | Thomas | Qualcomm CDMA Technologies | Yes |
| Dr. | Su | Huan-yu | HuaWei Technologies Co., Ltd | Yes |
| Mr. | Suzuki | Rihito | NTT |  |
| Dr. | Szczerba | Marek | Philips International B.V. |  |
| Mr. | Szucs | Paul | Sony Europe B.V. | Yes |
| Dr. | TAN | PENG | TELUS |  |
| Dr. | Tech | Gerhard | Fraunhofer HHI |  |
| Mr. | Teniou | Gilles | Tencent |  |
| Mr. | THIENOT | Cedric | ENENSYS |  |
| Mr. | Thomas | Emmanuel | Xiaomi Communications | Yes |
| Mr. | Tokel | Baris | ASELSAN |  |
| Dr. | Tossavainen | Antero | Huawei Telecommunication India |  |
| Dr. | Tourapis | Alexandros | Apple GmbH |  |
| Mr. | Tsujikawa | Toru | NTT corporation |  |
| Miss | tunali | aysegul | ASELSAN |  |
| Mr. | Varga | Imre | Qualcomm Austria RFFE GmbH |  |
| Mr. | Wang | Bin | Xiaomi Technology |  |
| Mr. | Wang | Dong | OPPO |  |
| Dr. | Wang | Xin | MediaTek Inc. | Yes |
| Dr. | Wey | Jun Shan | Verizon Switzerland AG |  |
| Ms. | WU | Jinhua | Beijing Xiaomi Mobile Software |  |
| Dr. | Xie | Minjie | OPPO |  |
| Mr. | yan | hua | ZTE Corporation |  |
| Dr. | Yang | Hyun-Koo | BEIJING SAMSUNG TELECOM R&D |  |
| Mrs. | Yeltekin | Yasemin | ETSI |  |
| Mrs. | Yin | Yujian | China Mobile Com. Corporation |  |
| Mr. | Yip | Eric | Samsung R&D Institute UK | Yes |
| Dr. | Zhang | Zhuoyun | Tencent Cloud |  |