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| Tdoc | Title | Source(s) | Agenda Item(s) | Replaced by |
| S4-190567 | Draft Report of SA4#103 meeting, v. 0.0.1 | TSG-S4 Secretary | 4 |  |
| S4-190568 | Meeting agenda for SA4#104 | SA4 Chairman | 2 |  |
| S4-190569 | Proposed meeting schedule for SA4#104 | SA4 Chairman | 2 | S4-190740 |
| S4-190570 | Brief report from SA#84 on SA4 matters | SA4 chairman | 5.2 |  |
| S4-190571 | Reply LS on Informing PCF/PCRF of End-to-end RAN Assisted Codec Adaptation (ANBR) Support | TSG CT WG1 | 5.2 |  |
| S4-190572 | Reply LS on physical layer data rate of RAN-assisted codec adaptation | TSG RAN WG1 | 5.2 |  |
| S4-190573 | Reply LS on the usage of SDAP in MTSI and re-usability of delay and error profiles | TSG RAN WG1 | 5.2 |  |
| S4-190574 | Reply LS on SDAP in MTSI | TSG RAN WG2 | 5.2 |  |
| S4-190575 | Reply LS on RAN-assisted codec adaptation | TSG RAN WG2 | 5.2 |  |
| S4-190576 | LS on lossless compression ratio for medical video POSTPONED | TSG SA WG1 | 5.2 |  |
| S4-190577 | Reply LS on Use Cases for eXtended Reality (XR) in 5G POSTPONED | TSG SA WG1 | 5.2 |  |
| S4-190578 | Reply LS on Group Message Delivery POSTPONED | TSG SA WG2 | 5.2 |  |
| S4-190579 | LS reply on the usage of SDAP in MTSI and re-usability of delay and error profiles | TSG SA WG2 | 5.2 |  |
| S4-190580 | Liaison Statement on CMAF HEVC Media Profiles | ISO/IECJTC 1/SC 29/ WG11 (MPEG) | 5.3 |  |
| S4-190581 | LS/r on newly consented Recommendation ITU-T P.64 | ITU-T Study Group 12 | 5.3 |  |
| S4-190582 | LS on new work item about QoE assessment of eXtended Reality (XR) meetings | ITU-T Study Group 12 | 5.3 |  |
| S4-190583 | LS/r on immersive media quality of experience (reply to ISO/IEC JTC1/SC29-LS6) | ITU-T Study Group 12 | 5.3 |  |
| S4-190584 | Draft LS on the QoS mapping of FLUS parameter (To: CT3) | Samsung Electronics Czech | 11.5 |  |
| S4-190585 | CR 26.114-0476 ANBR implementation issues (Release 14) | Samsung Electronics Czech | 11.6 | S4-190750 |
| S4-190586 | CR 26.114-0477 ANBR implementation issues (Release 15) | Samsung Electronics Czech | 11.6 | S4-190751 |
| S4-190587 | CR 26.114-0478 ANBR implementation issues (Release 16) | Samsung Electronics Czech | 11.6 | S4-190752 |
| S4-190588 | CR 26.114-0479 Interfacing MTSI client with 3GPP L2 (Release 16) | Samsung Electronics Czech | 11.6, 15.7 | S4-190776 |
| S4-190589 | CR 26.131-0078 Support of NR (Release 16) | Samsung Electronics Co. Ltd | 9.4 | S4-190821 |
| S4-190590 | CR 26.132-0099 Support of NR (Release 16) | Samsung Electronics Co. Ltd | 9.4 | S4-190822 |
| S4-190591 | VIDEO SWG telco report on XR5G 13th May 2019 | VIDEO SWG Chairman (Orange) | 5.1 |  |
| S4-190592 | VIDEO SWG telco report on XR5G 4th June 2019 | VIDEO SWG Chairman (Orange) | 5.1 |  |
| S4-190593 | Draft TS 26.511 5G Media Streaming (5GMS); Profiles, codecs and formats v0.0.1 | Rapporteur (Orange) | 8.7 | S4-190805 |
| S4-190594 | Report from MTSI SWG 3 May 2019 Teleconference on Network Modification of AMR-WB mode set | SA4 MTSI SWG Chair | 5.1 |  |
| S4-190595 | Report from MTSI-MBS SWG 16 May 2019 Teleconference on #7 on E-FLUS | SA4 MTSI SWG Chair | 5.1 |  |
| S4-190596 | Report from MTSI SWG 11 June 2019 Teleconference #1 on ITT4RT | SA4 MTSI SWG Chair | 5.1 |  |
| S4-190597 | Report from MTSI-MBS SWG 20 June 2019 Teleconference on #8 on E-FLUS | SA4 MTSI SWG Chair | 5.1 |  |
| S4-190598 | Pseudo CR to TS 26.511 A Media Codec Profile for E-FLUS in 5GMS3 | Qualcomm Incorporated | 11.5 |  |
| S4-190599 | Management Objects for CHEM Adaptation | Qualcomm Incorporated | 11.7 | S4-190736 |
| S4-190600 | CR 26.114-0446 rev 6 on CHEM (Release 16) | Qualcomm Incorporated | 11.7 | S4-190755 |
| S4-190601 | ITT4RT viewport sharing use case | InterDigital Communications, inc. | 11.8 |  |
| S4-190602 | On Mux Category of SDP Parameters | Intel | 11.4 |  |
| S4-190603 | CR 26.114-0480 Updates on ANBR Capability Signaling (Release 16) | Intel | 11.6, 15.7 |  |
| S4-190604 | Proposed Timeplan for 5G\_MEDIA\_MTSI\_ext (v.0.4.0) | Intel (Rapporteur) | 11.6 |  |
| S4-190605 | On Indication of Preferred PLR Thresholds WITHDRAWN MISSING | Intel | 11.7 |  |
| S4-190606 | Proposed Timeplan for ITT4RT (v0.2.0) | Intel, Huawei Technologies Co. Ltd. (ITT4RT Rapporteurs) | 11.8 |  |
| S4-190607 | ITT4RT Permanent Document - Requirements, Working Assumptions and Potential Solutions (v0.2.0) | Intel, Huawei Technologies Co. Ltd. (ITT4RT Rapporteurs) | 11.8 | S4-190753 |
| S4-190608 | ITT4RT: Example Signaling Flows and Media Processing Procedures | Intel | 11.8 |  |
| S4-190609 | Proposed Updates on Potential Solution for Carriage of Immersive Metadata | Intel | 11.8 |  |
| S4-190610 | Proposed Updates on Potential Solution for Viewport-Dependent Processing | Intel | 11.8 |  |
| S4-190611 | Proposed Updates to 5G\_MEDIA\_MTSI\_ext WID POSTPONED | Intel (Rapporteur) | 11.6, 15.7 |  |
| S4-190612 | Test Results of Noise Field Simulations | HEAD acoustics GmbH, Intel | 9.7 |  |
| S4-190613 | Status of round robin test for FS\_ANTeM | HEAD acoustics GmbH, Intel | 9.7 |  |
| S4-190614 | Clarifications on use cases in SA1 NCIS study | OPPO | 10.6 |  |
| S4-190615 | 5GMS3 Work Plan V0.1 | Sony Europe B.V. | 8.7, 15.12 |  |
| S4-190616 | FS\_XR5G: Workshop summary; SPE keynote | Sony Europe B.V. | 10.6 |  |
| S4-190617 | Draft CR 26\_444 | Intel, Fraunhofer IIS | 7.6 |  |
| S4-190618 | EVS\_Float Conformance | Intel Korea, Ltd. | 7.6 |  |
| S4-190619 | Video decoding capabilities for 5GMS downlink services | Orange | 8.7 |  |
| S4-190620 | pCR to 26.511 on Video decoding capabilities | Orange | 8.7 |  |
| S4-190621 | TV video profiles for 5GMS downlink services | Orange | 8.7 |  |
| S4-190622 | pCR to 26.511 on TV video profiles | Orange | 8.7 |  |
| S4-190623 | Vitual Reality profiles for 5GMS downlink services | Orange | 8.7 |  |
| S4-190624 | pCR to 26.511 on Virtual Reality profiles | Orange | 8.7 |  |
| S4-190625 | CR 26.939-0003 Proposed Improvements to Drone-Mounted Camera Architecture Description (Release 16) | Qualcomm Incorporated | 11.5 | S4-190744 |
| S4-190626 | CR 26.238-0007 Control Source Residing Outside UE (Release 16) | Qualcomm Incorporated | 11.5 |  |
| S4-190627 | CR 26.238-0008 Control Point in FLUS Architecture (Release 16) WITHDRAWN | Qualcomm Incorporated | 11.5 |  |
| S4-190628 | Assistance Information Procedures, Types and Parameters | Qualcomm Incorporated | 11.5 | S4-190757 |
| S4-190629 | Clean-up on 5G Media Uplink Streaming Architecture Description | Qualcomm Incorporated | 8.10 | S4-190802 |
| S4-190630 | Revised Architecture for RAN Signaling based Uplink Network Assistance | Qualcomm Incorporated | 8.10 |  |
| S4-190631 | Updates to the MP4 Registration Authority | Apple (UK) Limited | 6 |  |
| S4-190632 | Draft WID on XR formats for Messaging Services in 5G | Samsung Research America | 10.6 |  |
| S4-190633 | Ingest API for 5G Media Streaming Services | Samsung Research America | 8.7 |  |
| S4-190634 | Session control for 5G Media Streaming Services WITHDRAWN MISSING | Samsung Research America | 8.7 |  |
| S4-190635 | CR 26.939-0004 Modifications to Use Case Descriptions under Clause 6.5 (Release 16) | Qualcomm Incorporated | 11.5 | S4-190741 |
| S4-190636 | Proposed Updates on Presentation without Pose Information and Flat Rendering | LG Electronics Inc. | 10.4 |  |
| S4-190637 | FS\_XR5G: Updates on Architecture | LG Electronics Inc. | 10.6 |  |
| S4-190638 | Fish eye video support for FLUS | LG Electronics Inc. | 11.5 |  |
| S4-190639 | CR 26.929-0001 VR QoE Minor Corrections (Release 16) | China Mobile Com. Corporation | 10.5 | S4-190782 |
| S4-190640 | CR 26.929-0002 VR QOE metrics updates | China Mobile Com. Corporation | 10.5 | S4-190787 |
| S4-190641 | CR 26.929-0003 VR QOE metrics correction (Release 16) | China Mobile Com. Corporation | 10.5 | S4-190788 |
| S4-190642 | ITT4RT use case | China Mobile Com. Corporation | 11.8 | S4-190754 |
| S4-190643 | ITT4RT use case for privacy | China Mobile Com. Corporation | 11.8 | S4-190764 |
| S4-190644 | Edge computing in 5GMSA | China Mobile Com. Corporation | 8.10 | S4-190806 |
| S4-190645 | CR 26.501-0001 Clarification of configuration updates when not streaming media data (Release 16) | InterDigital CE Intermediate | 8.10 |  |
| S4-190646 | Volumetric Video Player Demonstration | Fraunhofer HHI | 10.6 |  |
| S4-190647 | ITT4RT use case extensions | KPN N.V. | 11.8 |  |
| S4-190648 | Initial Measurements for a HaNTE-device | HEAD acoustics GmbH | 9.6 |  |
| S4-190649 | Draft TS 26.512 5G Media Streaming (5GMS); Protocols v0.0.1 | Editor (Ericsson LM) | 8.7, 15.12 |  |
| S4-190650 | IVAS Indication of interest | Philips International B.V. | 6 |  |
| S4-190651 | Report of SA4 MBS SWG AH meeting on 5GMSA | 3GPP SA4 MBS Chairman | 5.1 |  |
| S4-190652 | Cloud gaming traffic characteristics | Ericsson LM | 8.8 | S4-190807 |
| S4-190653 | Correction of figure references | Ericsson LM | 10.4 |  |
| S4-190654 | New VR metrics clause | Ericsson LM | 10.5 | S4-190781 |
| S4-190655 | VR-related metrics additions | Ericsson LM | 10.5 | S4-190783 |
| S4-190656 | Correction of Network Assistance Procedure | Ericsson LM | 8.10 | S4-190803 |
| S4-190657 | Clause structure for TS 26.512 | Ericsson LM | 8.7 | S4-190809 |
| S4-190658 | Discussion on API design and documentation | Ericsson LM | 8.7 |  |
| S4-190659 | Discussion on FLUS Remote Control Functionality | Ericsson LM | 8.7 |  |
| S4-190660 | FLUS Remote Control Procedures | Ericsson LM | 11.5 | S4-190747 |
| S4-190661 | Discussion on video profiles | Ericsson LM | 11.9 |  |
| S4-190662 | Draft Reply LS on Codec mode-sets (To: GSMA NG RiLTE) | Ericsson LM | 11.3 | S4-190763 |
| S4-190663 | Draft Reply LS on EVS Codec Negotiation (To: GSMA NG RiLTE) | TSG SA WG4 | 11.3, 5.3 | S4-190777 |
| S4-190664 | Draft New WID on RTP/RTCP Verification for Real-Time Services | Ericsson LM, Orange | 11.11 | S4-190743 |
| S4-190665 | Introduction of IMS Data Channel | Ericsson LM | 11.6 |  |
| S4-190666 | Addition of MTSI Data Channel Media | Ericsson LM | 11.6 |  |
| S4-190667 | IVAS rendering control | Ericsson LM | 7.5 |  |
| S4-190668 | IVAS testing | Ericsson LM | 7.5 |  |
| S4-190669 | IVAS-9 comments | Ericsson LM | 7.5 |  |
| S4-190670 | On Reference Testing in IVAS Codec Selection | Dolby Laboratories Inc. | 7.5 |  |
| S4-190671 | On the potential need to carry out an IVAS qualification phase | Dolby Laboratories Inc. | 7.5 |  |
| S4-190672 | On the Implementation of Work Item Priorities | Dolby Laboratories Inc. | 7.5 |  |
| S4-190673 | On the Audio Rendering Instrument for IVAS Codec Selection | Dolby Laboratories Inc. | 7.5 |  |
| S4-190674 | On the Preference to Evaluate IVAS with Default Renderer | Dolby Laboratories Inc. | 7.5 |  |
| S4-190675 | Proposal for the Definition of Reference and CUT Conditions for IVAS Codec Reference Testing | Dolby Laboratories Inc. | 7.5 |  |
| S4-190676 | Network Assistance and Caching Protocols for DASH | KPN N.V. | 8.7 |  |
| S4-190677 | E-FLUS: Uplink Network Assistance protocol and IDL | Sony Europe B.V. | 11.5 |  |
| S4-190678 | An IVAS performance requirement for the embedded EVS bitstream stereo mode | Panasonic Corporation | 7.5 |  |
| S4-190679 | Content generation and HTML5 MSE playback tools for TS 26.118 Advanced Video Media profile  | Fraunhofer HHI | 10.7 |  |
| S4-190680 | Updated investigation of the suitability of HATS for Measurements of HaNTE | Qualcomm Incorporated | 9.6 |  |
| S4-190681 | Time Plan for FS\_AnTEM v0.3 | Rapporteur (HEAD acoustics GmbH) | 9.7, 17.4 |  |
| S4-190682 | On the Impact of Handset Mounting on Non-Traditional Earpiece Response | Qualcomm Incorporated | 9.6 |  |
| S4-190683 | Test plan for a Round-Robin-Test - comparison of noise field simulations for handset mode, v. 1.1 | HEAD acoustics GmbH | 9.7, 17.4 |  |
| S4-190684 | UE Control Point and Assistance Information Functionality | Qualcomm Incorporated | 11.5 |  |
| S4-190685 | CHEM Time Plan | Rapporteur (Qualcomm Incorporated) | 11.7 | S4-190756 |
| S4-190686 | Draft LS to 5GAA on C-V2X Sensor Sharing of Media and Object Information | Qualcomm Incorporated | 11.9 | S4-190748 |
| S4-190687 | Revised Work Item on EVS Floating-point Conformance Non Bit-Exact | Intel | 7.6 |  |
| S4-190688 | On the Importance of the Reference for IVAS Testing | Fraunhofer IIS | 7.5 |  |
| S4-190689 | Reference Conditions for IVAS Testing | Fraunhofer IIS | 7.5 |  |
| S4-190690 | Performance Requirements for IVAS Multichannel | Fraunhofer IIS | 7.5 |  |
| S4-190691 | Performance Requirements for IVAS Scene-Based Audio | Fraunhofer IIS | 7.5 |  |
| S4-190692 | On the Importance of the Pass-Through Mode | Fraunhofer IIS | 7.5 |  |
| S4-190693 | On Complexity and Delay Constraints for IVAS | Fraunhofer IIS | 7.5 |  |
| S4-190694 | On IVAS complexity constraint | Nokia Corporation | 7.5 |  |
| S4-190695 | Development for common IVAS MASA Reference Software | Nokia Corporation | 7.5 |  |
| S4-190696 | On testing IVAS MASA with Reference | Nokia Corporation | 7.5 |  |
| S4-190697 | On importance of smartphone-based immersive audio capture support in IVAS | Nokia Corporation | 7.5 |  |
| S4-190698 | On proposed design constraints and IVAS WID | Nokia Corporation | 7.5 |  |
| S4-190699 | Architecture Updates | Qualcomm Incorporated | 8.10 | S4-190804 |
| S4-190700 | Draft TS26.117 | Qualcomm Incorporated | 8.7 | S4-190810 |
| S4-190701 | DASH-based Architecture | Qualcomm Incorporated | 8.7 |  |
| S4-190702 | MBMS-procedures for 5GMS | Qualcomm Incorporated | 8.7 |  |
| S4-190703 | CTA WAVE Device Playback for 5GSM | Qualcomm Incorporated | 8.7 |  |
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| S4-190706 | More on Codecs | Qualcomm Incorporated | 8.8 |  |
| S4-190707 | AR/VR/XR Bitrates | Qualcomm Incorporated | 8.8 |  |
| S4-190708 | Proposed update to PD | Qualcomm Incorporated | 10.6 |  |
| S4-190709 | Proposed update to TR 26.928 | Qualcomm Incorporated | 10.6 |  |
| S4-190710 | Workshop Summary | Qualcomm Incorporated | 10.6 |  |
| S4-190711 | Updated Use Cases Based on Workshop WITHDRAWN MISSING | Qualcomm Incorporated | 10.6 |  |
| S4-190712 | Social VR to TR | Qualcomm Incorporated | 10.6 |  |
| S4-190713 | 5G Online to TR | Qualcomm Incorporated | 10.6 |  |
| S4-190714 | 3D Map Streaming | Qualcomm Incorporated | 10.6 |  |
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| S4-190716 | New XR Architectures | Qualcomm Incorporated | 10.6 |  |
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| S4-190718 | Updates on Form Factors | Qualcomm Incorporated | 10.6 |  |
| S4-190719 | XR Formats and Properties | Qualcomm Incorporated | 10.6 |  |
| S4-190720 | Draft New SID on VR Streaming Interoperability and Characterization (FS\_VRStream\_ConG) | Qualcomm Incorporated, InterDigital Communications, Inc., Fraunhofer HHI, Orange, AT&T, XiaoMi | 10.7, 19 | S4-190773 |
| S4-190721 | Support for Multi-Party Communication | Fraunhofer IIS | 7.5 |  |
| S4-190722 | Comments on IVAS-9 (IVAS Usage Scenarios) | Fraunhofer IIS | 7.5 |  |
| S4-190723 | Draft EVS SWG Agenda | QUALCOMM JAPAN LLC. | 7 | S4-190835 |
| S4-190724 | Report from SA4 EVS SWG Teleconference #58 (6th May 2019) | EVS SWG Secretary (Orange) | 5.1 |  |
| S4-190725 | Report from SA4 EVS SWG Teleconference #59 (10th May 2019) | EVS SWG Secretary (Orange) | 5.1 |  |
| S4-190726 | Report from SA4 EVS SWG Teleconference #60 (20th May 2019) | EVS SWG Secretary (Orange) | 5.1 |  |
| S4-190727 | Report from SA4 EVS SWG Teleconference #61 (13th June 2019) | EVS SWG Secretary (Orange) | 5.1 |  |
| S4-190728 | On delay and complexity design constraints for IVAS | Orange | 7.5 |  |
| S4-190729 | Proposals for IVAS Design Constraints | Orange | 7.5 |  |
| S4-190730 | On IVAS performance requirements and related testing aspects | Orange | 7.5 |  |
| S4-190731 | Proposals for CHEM | Orange | 11.7 |  |
| S4-190732 | On EVS SID update | QUALCOMM JAPAN LLC., Samsung Electronics Co., Ltd. | 11.4 |  |
| S4-190733 | EVS FLC Database for MOS-LQO Test | QUALCOMM JAPAN LLC. | 7.6 |  |
| S4-190734 | Considering LiQuImAS Methodologies for IVAS  | Qualcomm Incorporated  | 7.5 |  |
| S4-190735 | On Input Audio and Session Metadata and Behavioral Requirements of the IVAS Decoder/Renderer | Dolby Laboratories Inc. | 7.5 |  |
| S4-190736 | Management Objects for CHEM Adaptation version 2 | Qualcomm Incorporated | 11.7 |  |
| S4-190737 | Synthesis of XR 5G Use Cases | Nokia Corporation | 10.6 |  |
| S4-190738 | Signaling Requirements for ITT4RT | Nokia Corporation | 11.8 |  |
| S4-190739 | Next steps about transport protocols for streaming | Nokia Corporation | 8.7, 15.12 |  |
| S4-190740 | Revised meeting schedule for SA4#104 | SA4 Chairman | 2 |  |
| S4-190741 | CR 26.939-0004 rev 1 Modifications to Use Case Descriptions under Clause 6.5 (Release 16) WITHDRAWN | Qualcomm Incorporated | 11.5 |  |
| S4-190742 | Draft Report of the MTSI SWG meeting held during SA4#104 | MTSI SWG Chairman and acting Secretaries | 13.3 |  |
| S4-190743 | Draft New WID on RTP/RTCP Verification for Real-Time Services (RTCPVer) | Ericsson LM, Orange, AT&T, Intel, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 11.11, 19 | S4-190772 |
| S4-190744 | CR 26.939-0003 rev 1 Proposed Improvements to Drone-Mounted Camera Architecture Description (Release 16) | Qualcomm Incorporated | 11.5, 15.4 |  |
| S4-190745 | Draft TR 26.985 Vehicle-to-everything (V2X); Media handling and interaction (Release 16), v. 0.9.2 | Rapporteur (Samsung) | 11.9, 17.1 |  |
| S4-190746 | CR 26.939-0005 Fisheye omnidirectional video use case (Release 16) | LG Electronics Inc. | 11.5 | S4-190766 |
| S4-190747 | Draft CR 26.238 FLUS Remote Control Procedures | Ericsson LM | 11.5 | S4-190762 |
| S4-190748 | Draft LS on C-V2X Sensor Sharing of Media and Object Information (To: 5GAA WG1) | TSG SA WG4 | 11.9, 17.1 | S4-190780 |
| S4-190749 | TR 26.985 v 0.9.1 | Rapporteur (Samsung) | 11.9 | S4-190745 |
| S4-190750 | CR 26.114-0476 rev 1 ANBR implementation issues (Release 14) | Samsung Electronics Co. Ltd | 11.6 | S4-190767 |
| S4-190751 | CR 26.114-0477 rev 1 ANBR implementation issues (Release 15) | Samsung Electronics C0. Ltd | 11.6 | S4-190768 |
| S4-190752 | CR 26.114-0478 rev 1 ANBR implementation issues (Release 16) | Samsung Electronics Co. Ltd | 11.6 | S4-190769 |
| S4-190753 | ITT4RT Permanent Document - Requirements, Working Assumptions and Potential Solutions (v0.2.1) | Intel, Huawei Technologies Co. Ltd. (ITT4RT Rapporteurs) | 11.8, 16.2 | S4-190779 |
| S4-190754 | ITT4RT use case | China Mobile Com. Corporation | 11.8 |  |
| S4-190755 | CR 26.114-0446 rev 7 on CHEM (Release 16) | Qualcomm Incorporated | 11.7, 15.8 | S4-190778 |
| S4-190756 | CHEM Time Plan | Rapporteur (Qualcomm Incorporated) | 11.7, 15.8 |  |
| S4-190757 | Assistance Information Procedures, Data Encoding and Message Types | Qualcomm Incorporated | 11.5 |  |
| S4-190758 | Draft CR 26.939 -xxxx Modifications to Use Cases under Clause 6.5 (Rel-16) | Sony Europe B.V. | 11.5 | S4-190761 |
| S4-190759 | Rationale for draft CR 26.939 Modifications to Use Cases under Clause 6.5 (Rel-16) | Sony Europe B.V. | 11.5 |  |
| S4-190760 | E-FLUS Time Plan | Rapporteur (Qualcomm Incorporated) | 11.5, 15.4 |  |
| S4-190761 | Draft CR 26.939 -xxxx Modifications to Use Cases under Clause 6.5 (Rel-16) | Sony Europe B.V. | 11.5 | S4-190765 |
| S4-190762 | Draft CR 26.238 FLUS Remote Control Procedures | Ericsson LM | 11.5 |  |
| S4-190763 | Reply LS on Codec mode-sets (To: GSMA NG RiLTE) | TSG SA WG4 | 5.3 |  |
| S4-190764 | ITT4RT Use Case for privacy protection | China Mobile Com. Corporation | 11.8 |  |
| S4-190765 | CR 26.939-0006 Modifications to Use Case Descriptions under Clause 6.5 (Release 16)  | Sony Europe B.V., Qualcomm Incorporated | 15.4 | S4-190774 |
| S4-190766 | CR 26.939-0005 rev 1 Fisheye omnidirectional video use case (Release 16) | LG Electronics Inc. | 11.5, 15.4 | S4-190775 |
| S4-190767 | CR 26.114-0476 rev 2 ANBR implementation issues (Release 14) | Samsung Electronics Co. Ltd | 11.6, 14.12 |  |
| S4-190768 | CR 26.114-0477 rev 2 ANBR implementation issues (Release 15) | Samsung Electronics C0. Ltd | 11.6, 14.12 |  |
| S4-190769 | CR 26.114-0478 rev 2 ANBR implementation issues (Release 16) | Samsung Electronics Co. Ltd | 11.6, 14.12 |  |
| S4-190770 | Proposed Timeplan for 5G\_MEDIA\_MTSI\_ext (v.0.4.1) | Intel (Rapporteur) | 11.6, 15.7 |  |
| S4-190771 | SA4 Gender Diversity Committee Report during SA4#104 | Committee Organizer | 22 |  |
| S4-190772 | Draft New WID on RTP/RTCP Verification for Real-Time Services (RTCPVer) | Ericsson LM, Orange, AT&T, Intel, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 19 | S4-190796 |
| S4-190773 | Draft New SID on Feasibility Study on VR Streaming Conformance and Guidelines (FS\_VRStream\_ConG) POSTPONED | Qualcomm Incorporated, InterDigital Communications, Inc., Fraunhofer HHI, Orange, AT&T, XiaoMi, Nokia Corporation | 19 |  |
| S4-190774 | CR 26.939-0006 rev 1 Modifications to Use Case Descriptions under Clause 6.5 (Release 16) | Sony Europe B.V., Qualcomm Incorporated | 15.4 |  |
| S4-190775 | CR 26.939-0005 rev 2 Fisheye omnidirectional video use case (Release 16) | LG Electronics Inc. | 15.4 |  |
| S4-190776 | CR 26.114-0479 rev 1 Interfacing MTSI client with 3GPP L2 (Release 16) | Samsung Electronics Co. Ltd | 15.7 | S4-190794 |
| S4-190777 | Reply LS on EVS Codec Negotiation (To: GSMA NG RiLTE) | TSG SA WG4 | 5.3 |  |
| S4-190778 | CR 26.114-0446 rev 8 Addition of Coverage and Handoff Enhancements for Multimedia (Release 16) | Qualcomm Incorporated, Orange, Intel | 15.8 |  |
| S4-190779 | ITT4RT Permanent Document - Requirements, Working Assumptions and Potential Solutions (v0.2.2) | Intel, Huawei Technologies Co. Ltd. (ITT4RT Rapporteurs) | 16.2 |  |
| S4-190780 | Draft LS on C-V2X Sensor Sharing of Media and Object Information (To: 5GAA WG1, Cc: TSG SA, TSG SA WG1) | TSG SA WG4 | 17.1 | S4-190795 |
| S4-190781 | Draft CR 26.118 New VR metrics clause | Ericsson LM | 10.5 |  |
| S4-190782 | CR 26.929-0001 rev 1 VR QoE Minor Corrections (Release 16) | China Mobile Com. Corporation | 10.5, 15.14 |  |
| S4-190783 | VR-related metrics additions | Ericsson LM | 10.5 |  |
| S4-190784 | Work Plan for VRQoE v0.1 | Ericsson LM (Rapporteur) | 10.5, 15.13 |  |
| S4-190785 | FS\_XR5G Permanent document | Qualcomm Incorporated (Rapporteur) | 17.3 |  |
| S4-190786 | Draft TR 26.928 Extended Reality (XR) in 5G (Release 16), v0.5.0 | Qualcomm Incorporated (Rapporteur) | 17.3 |  |
| S4-190787 | CR 26.929-0002 rev 1 VR QOE metrics updates (Release 16) | China Mobile Com. Corporation | 10.5 | S4-190791 |
| S4-190788 | CR 26.929-0003 rev 1 VR QOE metrics correction (Release 16) | China Mobile Com. Corporation | 10.5 | S4-190792 |
| S4-190789 | OMAF Overlays Demo | Nokia Corporation | 10.6, 13 |  |
| S4-190790 | Draft Reply LS on CMAF (To: ISO/IECJTC 1/SC 29/ WG11 (MPEG)) | TSG SA WG4 | 5.3 | S4-190797 |
| S4-190791 | CR 26.929-0002 rev 2 VR QOE metrics updates (Release 16) | China Mobile Com. Corporation | 10.5, 15.14 |  |
| S4-190792 | CR 26.929-0003 rev 2 VR QOE metrics correction (Release 16) | China Mobile Com. Corporation | 10.5, 15.14 |  |
| S4-190793 | VIDEO SWG report during SA4#104 | VIDEO SWG Chairman (Orange) | 13.5 |  |
| S4-190794 | CR 26.114-0479 rev 2 Interfacing MTSI client with 3GPP L2 (Release 16) POSTPONED | Samsung Electronics Co., Ltd | 15.7 |  |
| S4-190795 | LS on C-V2X Sensor Sharing of Media and Object Information (To: 5GAA WG1, 5GAA WG2, Cc: TSG SA, TSG SA WG1) | TSG SA WG4 | 17.1 |  |
| S4-190796 | Draft New WID on RTP/RTCP Verification for Real-Time Services (RTCPVer) | Ericsson LM, Orange, AT&T, Intel, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 19 | S4-190798 |
| S4-190797 | Reply to ISO/IECJTC 1/SC 29/ WG11 (MPEG) on Liaison Statement on CMAF HEVC Media Profiles (To: ISO/IECJTC 1/SC 29/ WG11 (MPEG)) | TSG SA WG4 | 5.3 |  |
| S4-190798 | New WID on RTP/RTCP Verification for Real-Time Services (RTCPVer) | Ericsson LM, Orange, AT&T, Intel, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 19 |  |
| S4-190799 | Not used |  |  |  |
| S4-190800 | Not used |  |  |  |
| S4-190801 | MBS SWG report at SA4#104 | MBS SWG Chairman | 13.2 |  |
| S4-190802 | Clean-up on 5G Media Uplink Streaming Architecture Description | Qualcomm Incorporated, Ericsson LM | 8.10 |  |
| S4-190803 | Correction of Network Assistance Procedure WITHDRAWN MISSING | Ericsson LM | 8.10, 15.11 |  |
| S4-190804 | Architecture Updates | Qualcomm Incorporated et al. | 8.10 |  |
| S4-190805 | Draft TS 26.511 5G Media Streaming (5GMS); Profiles, codecs and formats v0.0.2 | Rapporteur (Orange) | 8.7 | S4-190811 |
| S4-190806 | Edge computing in 5GMS3 | China Mobile Com. Corporation | 8.7 |  |
| S4-190807 | Cloud gaming traffic characteristics | Ericsson LM | 8.8 |  |
| S4-190808 | Draft TR 26.925 Typical traffic characteristics of media services on 3GPP networks, v. 0.4.0 | Editor (Ericsson LM) | 8.8, 17.2 |  |
| S4-190809 | pCR 26.512 Suggested Clause Structure | Ericsson LM | 8.7 |  |
| S4-190810 | Draft TS 26.117 5G Media Streaming (5GMS); Speech and audio profiles, v. 0.0.2 | Editor (Qualcomm Incorporated) | 8.7 | S4-190812 |
| S4-190811 | Draft TS 26.511 5G Media Streaming (5GMS); Profiles, codecs and formats v0.1.0 | Rapporteur (Orange) | 8.7, 15.12 |  |
| S4-190812 | Draft TS 26.117 5G Media Streaming (5GMS); Speech and audio profiles, v0.1.0 | Editor (Qualcomm Incorporated) | 8.7, 15.12 |  |
| S4-190813 | Not used |  |  |  |
| S4-190814 | Not used |  |  |  |
| S4-190815 | Not used |  |  |  |
| S4-190816 |  Not used |  |  |  |
| S4-190817 | Not used |  |  |  |
| S4-190818 | Not used |  |  |  |
| S4-190819 | Not used |  |  |  |
| S4-190820 |  Not used |  |  |  |
| S4-190821 | CR 26.131-0078 rev 1 Support of NR (Release 16) | Samsung Electronics Co. Ltd | 9.4, 15.7 | S4-190836 |
| S4-190822 | CR 26.132-0099 rev 1 Support of NR (Release 16) | Samsung Electronics Co. Ltd | 9.4, 15.7 | S4-190837 |
| S4-190823 | pCR 26.921 on Test results of noise field simulations in different labs | HEAD acoustics GmbH, Intel | 9.7 |  |
| S4-190824 | EVS\_FCNBE Timeplan v0.4 | Intel (Rapporteur) | 7.6, 15.10 |  |
| S4-190825 | LS on Status on DASH Client APIs and Information on Live Media Ingest | DASH-IF | 12 |  |
| S4-190826 | pCR to 26.801 on the suitability of HATS and mounting variability with respect to HaNTE devices | Qualcomm Incorporated | 9.6 |  |
| S4-190827 | Time plan for FS\_HaNTE | Acting Rapporteur (Qualcomm Incorporated) | 9.6, 17.5 |  |
| S4-190828 | Draft TR 26.801 UEs Supporting Handset Mode with Non-Traditional Earpieces, v. 0.1.0 (Release 16) | Rapporteur (Qualcomm Incorporated) | 9.6, 17.5 |  |
| S4-190829 | Draft TR 26.921 Investigations on ambient noise reproduction systems for acoustic testing of terminals (Release 16) V0.3.0 | Rapporteur (HEAD acoustics GmbH) | 9.7, 17.4 |  |
| S4-190830 | Draft report from SA4#104 EVS SWG meeting | EVS SWG Secretary | 13.1 |  |
| S4-190831 | IVAS codec development overview (IVAS-1), v. 0.0.5 | Editor (Huawei Technologies Co. Ltd) | 7.5, 16.1 |  |
| S4-190832 | IVAS Permanent document IVAS-2: IVAS Project Plan, v0.0.6 | IVAS Co-Rapporteur (Qualcomm) | 7.5, 16.1 |  |
| S4-190833 | IVAS Design Constraints (IVAS-4), v0.0.11 | IVAS Editor (Huawei Technologies Co. Ltd) | 7.5, 16.1 | S4-190838 |
| S4-190834 | IVAS Usage Scenarios (IVAS-9) - Version 0.0.2 | Editor (Nokia) | 7.5, 16.1 |  |
| S4-190835 | Revised EVS SWG Agenda | QUALCOMM JAPAN LLC. | 7 |  |
| S4-190836 | CR 26.131-0078 rev 2 Support of NR (Release 16) | Samsung Electronics Co. Ltd, Orange | 15.7 |  |
| S4-190837 | CR 26.132-0099 rev 2 Support of NR (Release 16) | Samsung Electronics Co. Ltd, Orange | 15.7 |  |
| S4-190838 | IVAS Design Constraints (IVAS-4), v0.0.12 | IVAS Editor (Huawei Technologies Co. Ltd) | 16.1 | S4-190839 |
| S4-190839 | IVAS Design Constraints (IVAS-4), v0.1.0 | IVAS Editor (Huawei Technologies Co. Ltd) | 16.1 |  |
| S4-190840 | Draft Report of SA4#104 meeting, v. 0.0.1 | TSG-S4 Secretary |  |  |