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| Tdoc | Title | Source(s) | Agenda Item(s) | Replaced by |
| S4-170509 | Draft Report of SA4#93 meeting, v. 0.0.1 | TSG-S4 Secretary | 4 |  |
| S4-170510 | Proposed meeting agenda for SA4#94 | SA4 Chairman | 2 | S4-170512 |
| S4-170511 | Proposed meeting schedule for SA4#94 | SA4 Chairman | 2 | S4-170643 |
| S4-170512 | Revised meeting agenda for SA4#94 | SA4 Chairman | 2 |  |
| S4-170513 | CR 26.247-0099 rev 1 SAND Support in 3GPP DASH (Rel-15) | Intel, Ericsson LM, TNO, Sony Mobile Communications | 8.6 | S4-170685 |
| S4-170514 | Draft CR Use of SAND Messages for Consistent QoE/QoS | Intel | 8.6 | S4-170686 |
| S4-170515 | Draft CR Use of SAND Capability Exchange Messages | Intel | 8.6 | S4-170673 |
| S4-170516 | On DANE Discovery | Intel | 8.6 | S4-170639 |
| S4-170517 | Comments on Additional SAND Messages for Network Assistance | Intel | 8.6 |  |
| S4-170518 | New WID on EVS Float Conformance Non Bit Exact (revision of S4-170477) | Intel, Huawei Technologies Co. Ltd, HEAD Acoustics GmbH, Fraunhofer IIS, Sony Mobile Communications, Apple | 7.5 | S4-170647 |
| S4-170519 | Proposed Timeplan for FS\_5G\_MEDIA\_MTSI (v.0.0.1) | Intel (FS\_5G\_MEDIA\_MTSI Rapporteur) | 11.7 | S4-170703 |
| S4-170520 | Draft Skeleton TR 26.919 v.0.0.1 | Intel | 11.7, 16.6 |  |
| S4-170521 | pCR Overview of 5G System Requirements and Architecture | Intel | 11.7 |  |
| S4-170522 | Draft CR SAND - DANE discovery | Ericsson LM, Sony Mobile Communications | 8.6 |  |
| S4-170523 | Draft CR SAND - message extensions for Network Assistance | Ericsson LM, Sony Mobile Communications | 8.6 | S4-170674 |
| S4-170524 | Draft CR SAND - Network Assistance workflow | Ericsson LM, Sony Mobile Communications | 8.6 | S4-170675 |
| S4-170525 | Skeleton TR 26.881 v.0.0.1 | Motorola Solutions Germany | 8.10 | S4-170682 |
| S4-170526 | Proposed Timeplan for FS\_FEC\_MCS | Motorola Solutions Germany | 8.10 | S4-170679 |
| S4-170527 | pCR FS\_FEC\_ MCS: Key issue for TR 26.881 (Forward Error Correction for MCVideo media distribution over MBMS bearers) | Motorola Solutions Germany | 8.10 | S4-170683 |
| S4-170528 | pCR FS\_FEC\_ MCS: Key issue for TR 26.881 (Forward Error Correction for MCPTT and MCData media distribution over MBMS bearers) | Motorola Solutions Germany | 8.10 | S4-170684 |
| S4-170529 | pCR for TR 26.881 on a solution for FEC for MCVideo | Motorola Solutions Germany | 8.10 |  |
| S4-170530 | VIDEO SWG report of Joint SWG conference call on FS\_VR (6th June 2017) | VIDEO SWG Chairman (ORANGE) | 5.2 |  |
| S4-170531 | Reply LS on RAN-Assisted Codec Adaptation | TSG CT WG3 | 5.3 |  |
| S4-170532 | Reply LS on FEC and ROHC for mission critical services over MBMS | TSG CT WG3 | 5.3 |  |
| S4-170533 | LS Seeking clarification on telephone-event | TSG RAN WG5 | 5.3 |  |
| S4-170534 | Reply LS on external interface for TV services | TSG SA WG3 | 5.3 |  |
| S4-170535 | Reply LS on the progress of QoE Measurement Collection for Streaming | TSG SA WG5 | 5.3 |  |
| S4-170536 | LS on eVoLP parameters | TSG SA WG4 | 5.3 |  |
| S4-170537 | LS on KPIs for mobile services | ITU-T Study Group 12 | 5.4 |  |
| S4-170538 | Draft Reply LS on RAN-Assisted Codec Adaptation (To: RAN2, SA2) | Intel | 11.8 | S4-170702 |
| S4-170539 | pCR 26918-100 VR QoE gap analysis | Huawei Tech.(UK) Co., Ltd | 10.5 |  |
| S4-170540 | pCR 26918-100 VR QoE gap analysis with changes | Huawei Tech.(UK) Co., Ltd | 10.5 |  |
| S4-170541 | New Study Item on QoE parameters and metrics relevent to VR user experience | Huawei Tech.(UK) Co., Ltd | 8.11 | S4-170689 |
| S4-170542 | Time Plan for WI FLUS | Samsung Electronics Co., Ltd | 11.6 | S4-170704 |
| S4-170543 | Proposed Text for Introduction in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170544 | Proposed Text for Scope in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170545 | Proposed Text for System Description in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170546 | Proposed Text for Media Codecs in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170547 | Proposed Text for Protocols in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170548 | Proposed Coordinate System for FLUS POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170549 | Proposed Immersive Media Parameters for FLUS WITHDRAWN MISSING | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170550 | Proposed Text for Front-end Handling in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170551 | CR 26.247-0100 Correction for Clause Quotation of the Quality Reporting Schemes (Rel-14) | China Mobile Com. Corporation | 8.5 | S4-170678 |
| S4-170552 | Proposed Text for Head/eye Tracking in FLUS Specification WITHDRAWN MISSING | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170553 | Proposed Text for Packet-loss Handling in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170554 | Proposed Text for Adaptation in FLUS Specification POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170555 | New Study on V2X Media Handling and Interaction WITHDRAWN MISSING | Samsung Electronics Co., Ltd | 11.9 |  |
| S4-170556 | CR 26.247-0101 Add Quality Metric Parameter Supported by DASH Client (Rel-14) | China Mobile Com. Corporation | 8.5 |  |
| S4-170557 | Proposed Immersive Media Parameters for FLUS POSTPONED | Samsung Electronics Co., Ltd | 11.6 |  |
| S4-170558 | New Study on V2X Media Handling and Interaction | Samsung Electronics Co., Ltd | 11.9 | S4-170707 |
| S4-170559 | CR 26.247-0102 Add Parameters for QoE Device Information (Rel-14) | China Mobile Com. Corporation, Huawei technologies CO. LTD | 8.5 |  |
| S4-170560 | CR 26.247-0103 Modify the Throughput QoE Parameter (Rel-14) | China Mobile Com. Corporation, Huawei technologies CO. LTD | 8.5 |  |
| S4-170561 | Draft Skeleton for TS 26.238 Uplink Streaming Framework v.0.0.1 | Samsung Electronics Co., Ltd | 11.6, 15.3 | S4-170664 |
| S4-170562 | CR 26.247-0104 A new QoE Metric of Stalling Information (Rel-14) | China Mobile Com. Corporation, Huawei technologies CO. LTD | 8.5 |  |
| S4-170563 | CR 26.247-0105 Alarm QoE Reporting Scheme for DASH (Rel-14) | China Mobile Com. Corporation, Huawei technologies CO. LTD | 8.5 |  |
| S4-170564 | Report of MBS SWG ad-hoc #83 on SAND (24 May 2017) | SA4 MBS SWG Chairman | 5.2 |  |
| S4-170565 | Report of MBS SWG ad-hoc #84 on SAND (13 June 2017) | SA4 MBS SWG Chairman | 5.2 |  |
| S4-170566 | Brief report from SA#76 on SA4 matters | SA4 Chairman | 5.1 |  |
| S4-170567 | CR 26.114-0411 ANBR GBR clarification (Rel-14) | Ericsson LM | 11.4 | S4-170701 |
| S4-170568 | pCR 26.238 Live Uplink Streaming realizations | Ericsson LM | 11.6 |  |
| S4-170569 | Use-cases for 5G Media Distribution | Ericsson LM | 8.8 |  |
| S4-170570 | MTSI QoE Improvements | Ericsson LM | 11.5 |  |
| S4-170571 | Draft CR QoE enhancements for new codecs | Ericsson LM | 11.5 | S4-170709 |
| S4-170572 | Draft CR QoE XML and OMA-DM corrections | Ericsson LM | 8.5 | S4-170677 |
| S4-170573 | Draft CR EVS CMR sending | Ericsson LM | 7.3 |  |
| S4-170574 | On the potential suitability of FOA audio format for 3GPP VR | Ericsson LM | 10.5 | S4-170655 |
| S4-170575 | New Study on Suitability of 3GPP codecs for VR audio | Ericsson LM | 10.6, 18 | S4-170669 |
| S4-170576 | pCR 26.931 Non Monotonic POLQA results with decreasing SNR WITHDRAWN MISSING | Samsung R&D Institute UK | 9.6 |  |
| S4-170577 | Proposal on new work item regarding evaluation of SWB/FB speech transmission in noisy scenarios | HEAD acoustics GmbH | 9.7 |  |
| S4-170578 | pCR 26.881 on MC service requirements | Expway | 8.10 |  |
| S4-170579 | FS\_MBMS\_IoT\_Timeplan | Rapporteur (Expway) | 8.9 | S4-170692 |
| S4-170580 | pCR 26.881 on MBMS modelling for FS\_FEC\_MCS | Expway | 8.10 |  |
| S4-170581 | On use case for FS\_MBMS\_IoT WITHDRAWN MISSING | Expway | 8.9 |  |
| S4-170582 | Draft Skeleton for TR 26.850 MBMS for IoT v.0.0.1 | Rapporteur (Expway) | 8.9 | S4-170691 |
| S4-170583 | Video subjective tests on VR - test conditions and methodology | ORANGE | 10.5 |  |
| S4-170584 | Video subjective tests on VR - test results | ORANGE | 10.5 |  |
| S4-170585 | pCR 26.850 on use case for for FS\_MBMS\_IoT WITHDRAWN | Expway | 8.10 |  |
| S4-170586 | CR 26.346-0582 Corrections to xMB Stage 2 Text (Rel-14) | Qualcomm Incorporated | 8.5 | S4-170671 |
| S4-170587 | CoAP for MBMS Associated Delivery Procedures | Qualcomm Incorporated | 8.9 |  |
| S4-170588 | New WID on 3GPP Service Interactivity | Qualcomm Incorporated | 8.11 | S4-170680 |
| S4-170589 | FS\_VR: Viewport-dependent baseline media profile with tile streaming | Fraunhofer HHI, Deutsche Telekom AG, Nokia | 10.5 |  |
| S4-170590 | CR 26.346-0583 TS 26.346 Changes with regards to Receive Only Mode Services Signaling and Delivery (Rel-14) WITHDRAWN | LG Electronics, Inc. | 8.5 |  |
| S4-170591 | pCR 26.918 Region of Interest Use cases | TNO | 10.5 | S4-170654 |
| S4-170592 | pCR 26.918 Multi-requests in VR tiled streaming | TNO | 10.5 |  |
| S4-170593 | CR 26.442-0022 Corrections to EVS Fixed-Point Source Code (Rel-12) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170594 | CR 26.442-0023 Corrections to EVS Fixed-Point Source Code (Rel-13) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170595 | CR 26.442-0024 Corrections to EVS Fixed-Point Source Code (Rel-14) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170596 | CR 26.442-0025 Corrections to EVS Floating-Point Source Code (Rel-12) WITHDRAWN MISSING | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3 |  |
| S4-170597 | CR 26.443-0019 Corrections to EVS Floating-Point Source Code (Rel-13) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170598 | CR 26.443-0020 Corrections to EVS Floating-Point Source Code (Rel-14) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170599 | CR 26.443-0021 Corrections to EVS Floating-Point Source Code (Rel-12) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170600 | CR 26.444-0015 Update of test vectors for the EVS codec (Rel-12) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170601 | CR 26.444-0016 Update of test vectors for the EVS codec (Rel-13) | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3 | S4-170645 |
| S4-170602 | CR 26.444-0017 Update of test vectors for the EVS codec (Rel-14) | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3 | S4-170646 |
| S4-170603 | Composite ZIP of proposed EVS Floating-Point Source Code v12.9.0 / v13.5.0 / v14.1.0 WITHDRAWN | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170604 | Composite ZIP of proposed EVS Fixed-Point Source Code v12.10.0 / v13.5.0 / v14.1.0 WITHDRAWN | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170605 | pCR to 26.918 on Audio Aspects | Qualcomm Incorporated | 10.5 | S4-170656 |
| S4-170606 | New Work Item on Test Methodologies for Evaluation of Perceived Listening Quality in Immersive Audio Systems | Qualcomm Incorporated | 9.7 | S4-170650 |
| S4-170607 | Draft CR on Live streaming SAND support for consistent QoS/QoE | KPN | 8.6 |  |
| S4-170608 | pCR to TR 26.918 DRAFT CR - Editorial and other Corrections to the Audio Sections | HUAWEI Technologies Co Ltd | 10.5 |  |
| S4-170609 | Comments on S4-170477 (non-agreed FLC new WID) | Qualcomm Incorporated | 7.5 |  |
| S4-170610 | Draft CR Live streaming SAND support for network assistance | KPN | 8.6 |  |
| S4-170611 | New WID on Codec for Immersive Voice and Audio Services | Ericsson LM, Qualcomm Incorporated, Huawei Technologies Co Ltd | 10.6, 18 | S4-170667 |
| S4-170612 | Draft New WID on VR Streaming | Qualcomm Incorporated | 10.6 | S4-170652 |
| S4-170613 | Draft New WID on Addition of UHD-1 phase 2 to TV Video Profiles | Qualcomm Incorporated | 10.6 | S4-170653 |
| S4-170614 | pCR 26.917 FS\_USE\_3GPP\_4\_TV: Proposed Updates based on 3GPP Progress | Qualcomm Incorporated | 8.7 |  |
| S4-170615 | pCR 26.917 FS\_USE\_3GPP\_4\_TV: Guidelines | Qualcomm Incorporated | 8.7 |  |
| S4-170616 | pCR 26.917 FS\_USE\_3GPP\_4\_TV: Gap Analysis | Qualcomm Incorporated | 8.7 |  |
| S4-170617 | pCR 26.917 FS\_USE\_3GPP\_4\_TV: Draft Conclusions | Qualcomm Incorporated | 8.7 |  |
| S4-170618 | FS\_5GMedia\_Distribution: Consideration on Device APIs | Qualcomm Incorporated | 8.8, 16.4 |  |
| S4-170619 | FS\_FEC\_MCS: MBMS Streaming Framework - Overview and Configuration | Qualcomm Incorporated | 8.10 |  |
| S4-170620 | pCR 26.918 FS\_VR: Proposed Conclusions on VR Streaming Use Cases | Qualcomm Incorporated | 10.5 | S4-170662 |
| S4-170621 | New Study Item on Basic Operators | VoiceAge Corporation, Qualcomm Incorporated, Huawei Technologies Co Ltd. | 7.5 | S4-170648 |
| S4-170622 | Proposal to update the STL basic operators | VoiceAge Corporation, Huawei Technologies Co Ltd. | 7.5 |  |
| S4-170623 | Flexible Delivery Architecture for VR | Dolby Laboratories Inc. | 10.5 |  |
| S4-170624 | Report from SA4 MTSI SWG conf. call on eVOLP on 11 May 2017 | MTSI SWG Chair | 5.2 |  |
| S4-170625 | Report from SA4 MTSI SWG conf. call on eVOLP on 8 June 2017 | MTSI SWG Secretaries | 5.2 |  |
| S4-170626 | New Study Item on enhanced VoLTE performance-S4 | Qualcomm Incorporated, Huawei Technologies Co. Ltd, Intel, Ericsson LM | 11.9 | S4-170706 |
| S4-170627 | eVoLP: MTSI Adaptation and Capabilities Parameters | Qualcomm Incorporated | 11.8 |  |
| S4-170628 | FLUS QoS Requirements | Qualcomm Incorporated | 11.6 |  |
| S4-170629 | FS\_5GMedia\_Distribution Time Plan v0.1 | Samsung Telecoms America | 8.8 | S4-170700 |
| S4-170630 | On Motion to Sound Latency | Qualcomm Incorporated | 10.5 | S4-170657 |
| S4-170631 | Skeleton TR for 5G Media Distribution WITHDRAWN | Rapporteur (Samsung Telecoms America) | 8.8 |  |
| S4-170632 | pCR 26.918 Edits on audio sections | Dolby Laboratories Inc. | 10.5 | S4-170658 |
| S4-170633 | Considerations on FEC Framework | Samsung Telecoms America | 8.10 |  |
| S4-170634 | pCR 26.850 MBMS IoT | Expway | 8.9 |  |
| S4-170635 | CR 26.346-0584 Transport API (Rel-14) WITHDRAWN | Samsung Telecoms America | 8.5 |  |
| S4-170636 | Updated Similarity Ring Metric (SRM) for Subjective Evaluation of 360-Degree Video | Nokia Corporation | 10.5 |  |
| S4-170637 | Subjective quality results of viewport-dependent omnidirectional video streaming | Nokia Corporation | 10.5 |  |
| S4-170638 | Considerations on an API for FLUS | Samsung Telecoms America | 11.6 |  |
| S4-170639 | On DANE Discovery (revision of S4-170516) | Intel | 8.6 | S4-170687 |
| S4-170640 | CR 26.104-0034 Correction in AMR Floating-point (Rel-14) POSTPONED | Qualcomm Incorporated | 7.3 |  |
| S4-170641 | CR 26.204-0019 Correction in AMR-WB Floating-point (Rel-14) POSTPONED | Qualcomm Incorporated | 7.3 |  |
| S4-170642 | Draft CR on SAND support for MBMS | Qualcomm Incorporated | 8.6 |  |
| S4-170643 | Revised meeting schedule for SA4#94 | SA4 Chairman | 2 |  |
| S4-170644 | LS on sharing of work in progress (To: ISO/IEC JTC1/SC29/WG11 (MPEG)) | TSG SA WG4 | 12 | S4-170736 |
| S4-170645 | CR 26.444-0016 rev 1 Update of test vectors for the EVS codec (Rel-13) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170646 | CR 26.444-0017 rev 1 Update of test vectors for the EVS codec (Rel-14) POSTPONED | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 7.3, 14.11 |  |
| S4-170647 | New WID on EVS Float Conformance Non Bit-Exact (EVS\_FCNBE) (revision of S4-170518) | Intel, Huawei Technologies Co. Ltd, HEAD Acoustics GmbH, Fraunhofer IIS, Sony Mobile Communications, Apple | 7.5, 18 | S4-170731 |
| S4-170648 | New Study Item on Update to fixed -point basic operators (FS\_BASOP) | VoiceAge Corporation, Qualcomm Incorporated, Huawei Technologies Co Ltd. | 7.5, 18 | S4-170670 |
| S4-170649 | CR 26.347-0003 rev 3 Clarifications to DNS resolution in TRAPI (Rel-14) | Samsung Electronics Co., Ltd | 8.5 | S4-170681 |
| S4-170650 | (Revised) New Work Item on Test Methodologies for Evaluation of Perceived Listening Quality in Immersive Audio Systems (LiQuImAS) | Qualcomm Incorporated, Head acoustics GmbH, Sony Mobile Communications, Fraunhofer IIS, Huawei Technologies Co Ltd. | 9.7, 18 | S4-170746 |
| S4-170651 | Draft TR 26.918 on "Virtual Reality (VR) media services over 3GPP (Release 15)", v1.1.0 | Rapporteur (ORANGE) | 16.3 | S4-170752 |
| S4-170652 | Draft New Work Item on 3GPP Virtual Reality Profiles for Streaming Media (revision of S4-170612) | Qualcomm Incorporated, Sony Mobile Communications, LG Electronics, ORANGE | 18 | S4-170750 |
| S4-170653 | New Work Item on Addition of HDR to TV Video Profiles (HDR) (revision of S4-170613) | Qualcomm Incorporated, Ericsson LM, Sony Europe Limited, ORANGE, LG Electronics Inc. | 10.6, 18 | S4-170666 |
| S4-170654 | pCR 26.918 Region of Interest Use cases (revision of S4-170591) | TNO, KPN N.V., LG Electronics Inc. | 10.5 | S4-170660 |
| S4-170655 | On the potential suitability of FOA audio format for 3GPP VR (revision of S4-170574) | Ericsson LM | 10.5 | S4-170661 |
| S4-170656 | pCR to 26.918 on Audio Aspects (revision of S4-170605) | Qualcomm Incorporated | 10.5 | S4-170659 |
| S4-170657 | pCR to TR 26.918 on Motion to Sound Latency (revision of S4-170630) | Qualcomm Incorporated | 10.5 |  |
| S4-170658 | pCR to 26.918 Edits on audio sections | Dolby Laboratories Inc. | 16.3 | S4-170665 |
| S4-170659 | pCR to 26.918 on Audio Aspects (revision of S4-170656) | Qualcomm Incorporated | 10.5 |  |
| S4-170660 | pCR 26.918 Highlight Region in VR (revision of S4-170654) | TNO, KPN N.V., LG Electronics Inc. | 10.5 |  |
| S4-170661 | On the potential suitability of FOA audio format for 3GPP VR (revision of S4-170655) | Ericsson LM | 10.5 |  |
| S4-170662 | pCR 26.918 FS\_VR: Proposed Conclusions on VR Streaming Use Cases | Qualcomm Incorporated | 16.3 |  |
| S4-170663 | VIDEO SWG Report during SA4#94 | VIDEO SWG Chairman | 13.5 |  |
| S4-170664 | Draft Skeleton for TS 26.238 Uplink Streaming Framework v.0.0.2 | Samsung Electronics Co., Ltd | 15.3 | S4-170741 |
| S4-170665 | pCR to 26.918 Edits on audio sections (revision of S4-170658) | Dolby Laboratories Inc. | 16.3 | S4-170737 |
| S4-170666 | New Work Item on Addition of HDR to TV Video Profiles (HDR) (revision of S4-170653) | Qualcomm Incorporated, Ericsson LM, Sony Europe Limited, ORANGE, LG Electronics Inc. | 18 | S4-170748 |
| S4-170667 | New WID on Codec for Immersive Voice and Audio Services (IVAS\_Codec) | Ericsson LM, Qualcomm Incorporated, Huawei Technologies Co Ltd | 18 | S4-170745 |
| S4-170668 | CR 26.247-0107 Clarification for the PlayList Metric (Rel-14) | China Mobile Com. Corporation, Ericsson LM | 14.11 |  |
| S4-170669 | New Study Item on 3GPP codecs for VR audio (FS\_CODVRA) | Ericsson LM | 18 | S4-170739 |
| S4-170670 | New Study Item on Update to fixed -point basic operators (FS\_BASOP) | VoiceAge Corporation, Qualcomm Incorporated, Huawei Technologies Co Ltd. | 7.5, 18 |  |
| S4-170671 | CR 26.346-0582 rev 1 Corrections to xMB Stage 2 Text (Rel-14) | Qualcomm Incorporated, Ericsson LM | 8.5 | S4-170676 |
| S4-170672 | Report of MBS SWG at SA4#94 | SA4 MBS SWG Chairman | 13.2 |  |
| S4-170673 | Draft CR Use of SAND Capability Exchange Messages (revision of S4-170515) | Intel | 8.6 |  |
| S4-170674 | Draft CR SAND - message extensions for Network Assistance (revision of S4-170523) | Ericsson LM, Sony Mobile Communications | 8.6 |  |
| S4-170675 | Draft CR SAND - Network Assistance workflow (revision of S4-170524) | Ericsson LM, Sony Mobile Communications | 8.6 | S4-170688 |
| S4-170676 | CR 26.346-0582 rev 2 Corrections to xMB Stage 2 Text (Rel-14) | Qualcomm Incorporated, Ericsson LM | 8.5 | S4-170727 |
| S4-170677 | CR 26.247-0106 QoE XML and OMA-DM corrections (Rel-14) | Ericsson LM | 14.3 |  |
| S4-170678 | CR 26.247-0100 rev 1 Correction for Clause Quotation of the Quality Reporting Schemes (Rel-14) | China Mobile Com. Corporation | 8.5 | S4-170723 |
| S4-170679 | Time and Work Plan for FS\_FEC\_MCS (revision of S4-170526) | Motorola Solutions Germany | 8.10, 16.7 | S4-170734 |
| S4-170680 | New WID on 3GPP Service Interactivity (revision of S4-170588) | Qualcomm Incorporated, China Mobile Com. Corporation, KPN, LG Electronics Inc., LG Uplus, one2many, ORANGE, TNO | 8.11 | S4-170690 |
| S4-170681 | CR 26.347-0003 rev 4 Clarifications to DNS resolution in TRAPI (Rel-14) | Samsung Electronics Co., Ltd | 8.5 | S4-170722 |
| S4-170682 | Skeleton TR 26.881 v.0.0.2 (revision of S4-170525) | Motorola Solutions Germany | 8.10 | S4-170728 |
| S4-170683 | pCR FS\_FEC\_ MCS: Key issue for TR 26.881 (Forward Error Correction for MCVideo media distribution over MBMS bearers) (revision of S4-170527) | Motorola Solutions Germany | 8.10 |  |
| S4-170684 | pCR FS\_FEC\_ MCS: Key issue for TR 26.881 (Forward Error Correction for MCPTT and MCData media distribution over MBMS bearers) (revision of S4-170528) | Motorola Solutions Germany | 8.10 |  |
| S4-170685 | CR 26.247-0099 rev 2 SAND Support in 3GPP DASH (Rel-15) | Intel, Ericsson LM, TNO, Sony Mobile Communications | 8.6, 15.1 | S4-170732 |
| S4-170686 | Draft CR Use of SAND Messages for Consistent QoE/QoS (revision of S4-170514) | Intel | 8.6 |  |
| S4-170687 | On DANE Discovery (revision of S4-170639) | Intel | 8.6 | S4-170695 |
| S4-170688 | Draft CR SAND - Network Assistance workflow (revision of S4-170675) | Ericsson LM, Sony Mobile Communications | 8.6 |  |
| S4-170689 | Study Item on QoE metrics for VR (FS\_QoE\_VR) (revision of S4-170541) | Huawei Tech.(UK) Co., Ltd, HiSilicon Technologies Co. Ltd, China Telecom Corporation Ltd. | 8.11 | S4-170724 |
| S4-170690 | New WID on 3GPP Service Interactivity (3SI) (revision of S4-170680) | Qualcomm Incorporated, China Mobile Com. Corporation, KPN N.V., LG Electronics Inc., LG Uplus, one2many B.V., ORANGE, TNO | 8.11, 18 | S4-170738 |
| S4-170691 | Draft Skeleton for TR 26.850 MBMS for IoT v.0.0.2 (revision of S4-170582) | Rapporteur (Expway) | 8.9, 16.5 |  |
| S4-170692 | FS\_MBMS\_IoT\_Timeplan v2 (revision of S4-170579) | Rapporteur (Expway) | 8.9, 16.5 |  |
| S4-170693 | New WID on SAND for MBMS | Qualcomm Incorporated | 8.11 | S4-170698 |
| S4-170694 | Draft reply LS on ISO/IEC 23009-1 DASH Metrics (To: ISO/IEC JTC1/SC29/WG11 (MPEG)) | TSG SA WG4 | 5.4 |  |
| S4-170695 | On DANE Discovery (revision of S4-170687) | Intel | 8.6 |  |
| S4-170696 | WID Enhanced Streaming QoE Reporting in 3GPP Services and Networks (EQoE) | China Mobile Com. Corporation, HuaWei Technologies Co., Ltd, Intel, Qualcomm Incorporated, HiSilicon Technologies Co. Ltd, Ericsson LM | 8.11 |  |
| S4-170697 | Reply LS on xMB Security LS from SA3 (To: SA3, CT3, Cc: SA2, SA, CT) | TSG SA WG4 | 5.3 | S4-170725 |
| S4-170698 | New Work Item on SAND for MBMS (SAND4M) | Qualcomm Incorporated, Intel, Expway, Sony Mobile Communications | 8.11, 18 | S4-170719 |
| S4-170699 | FS\_USE\_3GPP\_4\_TV: TV Schedule, v. 0.5 | Rapporteur | 16.2 | S4-170726 |
| S4-170700 | FS\_5GMedia\_Distribution Time Plan v0.2 | Samsung Telecoms America | 16.4 | S4-170744 |
| S4-170701 | CR 26.114-0411 rev 1 ANBR GBR clarification (Rel-14) | Ericsson LM | 11.4, 14.10 |  |
| S4-170702 | Draft Reply LS on RAN-Assisted Codec Adaptation (To: RAN2, CT3, Cc: SA2) | Intel | 11.8, 5.3 | S4-170720 |
| S4-170703 | Proposed Timeplan for FS\_5G\_MEDIA\_MTSI (v.0.0.2) | Intel (FS\_5G\_MEDIA\_MTSI Rapporteur) | 11.7, 16.6 |  |
| S4-170704 | Time Plan for WI FLUS, v. 0.2 | Samsung Electronics Co., Ltd | 15.3 | S4-170742 |
| S4-170705 | Framework for Live Uplink Streaming Permanent Document, v. 0.1 | Editor (Ericsson LM) | 15.3 | S4-170718 |
| S4-170706 | New Study Item on enhanced VoLTE performance-S4 | Qualcomm Incorporated, Huawei Technologies Co. Ltd, Intel, Ericsson LM | 11.9, 18 | S4-170729 |
| S4-170707 | New Study on V2X Media Handling and Interaction | Samsung Electronics Co., Ltd | 11.9 | S4-170715 |
| S4-170708 | Draft Reply LS Seeking clarification on telephone-event (To: RAN5, CT1) | TSG SA WG4 | 5.3, 12 |  |
| S4-170709 | CR 26.114-0412 MTSI QoE enhancements for new codecs (Rel-15) | Ericsson LM | 15.2 |  |
| S4-170710 | Draft Report of the MTSI SWG meeting held during SA4#94 | SA4 MTSI SWG Acting Secretaries | 13.3 |  |
| S4-170711 | CR 26.114-0408 rev 1 Correction of IPv6 header size (Rel-12) | Huawei Technologies Co Ltd., Samsung Electronics Co., Ltd. | 14.11 |  |
| S4-170712 | CR 26.114-0407rev 1 Correction of IPv6 header size (Rel-13) | Huawei Technologies Co Ltd., Samsung Electronics Co., Ltd. | 14.11 |  |
| S4-170713 | CR 26.114-0406 rev 2 Correction of IPv6 header size (Rel-14) | Huawei Technologies Co Ltd., Samsung Electronics Co., Ltd. | 14.11 |  |
| S4-170714 | Draft report from SA4#94 EVS SWG meeting | EVS SWG Secretary | 13.1 |  |
| S4-170715 | New Study on V2X Media Handling and Interaction | Samsung Electronics Co., Ltd | 18 | S4-170730 |
| S4-170716 | Draft Reply LS on KPIs for mobile services (To: ITU-T SG12, TSG SA) | TSG SA WG4 | 5.4, 12 | S4-170735 |
| S4-170717 | Draft TR 26.931 "Evaluation of Additional Acoustic Tests for Speech Telephony (Release 15)", Version 0.2.1 + submit form | Interim Editor (ETSI) | 9.6, 16.1 |  |
| S4-170718 | Framework for Live Uplink Streaming Permanent Document, v. 0.2 | Editor (Ericsson LM) | 15.3 |  |
| S4-170719 | New Work Item on SAND for MBMS (SAND4M) | Qualcomm Incorporated, Intel, Expway, Sony Mobile Communications | 18 |  |
| S4-170720 | Reply LS on RAN-Assisted Codec Adaptation (To: RAN2, CT3, Cc: SA2) | TSG SA WG4 | 5.3 |  |
| S4-170721 | Draft TR 26.891 Media Services and Handling in the 5G System (Release 15), v. 0.0.1 | Rapporteur (Samsung) | 16.4 | S4-170743 |
| S4-170722 | CR 26.347-0003 rev 5 Clarifications to DNS resolution in TRAPI (Rel-14) | Samsung Electronics Co., Ltd | 14.1 | S4-170733 |
| S4-170723 | CR 26.247-0100 rev 2 Correction for Clause Quotation of the Quality Reporting Schemes (Rel-14) | China Mobile Com. Corporation | 14.11 |  |
| S4-170724 | Study Item on QoE metrics for VR (FS\_QoE\_VR) (revision of S4-170689) | Huawei Tech.(UK) Co., Ltd, HiSilicon Technologies Co. Ltd, China Telecom Corporation Ltd. | 18 |  |
| S4-170725 | Reply LS on external interface for TV services (To: SA3, CT3, Cc: SA2, SA, CT) | TSG SA WG4 | 5.3, 12 |  |
| S4-170726 | FS\_USE\_3GPP\_4\_TV: Schedule, v. 0.6 | Rapporteur | 16.2 |  |
| S4-170727 | CR 26.346-0582 rev 3 Corrections to xMB Stage 2 Text (Rel-14) | Qualcomm Incorporated, Ericsson LM | 14.6 |  |
| S4-170728 | Skeleton TR 26.881 v.0.0.3 (revision of S4-170682) | Motorola Solutions Germany | 16.7 |  |
| S4-170729 | New Study Item on enhanced VoLTE performance-S4 (FS\_eVoLP) | Qualcomm Incorporated, Huawei Technologies Co. Ltd, Intel, Ericsson LM | 18 |  |
| S4-170730 | New Study Item on V2X Media Handling and Interaction (FS\_mV2X) | Samsung Electronics Co., Ltd | 18 |  |
| S4-170731 | New Study Item on EVS Float Conformance Non Bit-Exact (FS\_EVS\_FCNBE) (revision of S4-170647) | Intel, Huawei Technologies Co. Ltd, HEAD Acoustics GmbH, Fraunhofer IIS, Sony Mobile Communications, Apple | 18 | S4-170747 |
| S4-170732 | CR 26.247-0099 rev 3 SAND Support in 3GPP DASH (Rel-15) | Intel, Ericsson LM, TNO, Sony Mobile Communications | 15.1 |  |
| S4-170733 | CR 26.347-0003 rev 6 Clarifications to DNS resolution in TRAPI (Rel-14) | Samsung Electronics Co., Ltd | 14.1 |  |
| S4-170734 | Time and Work Plan for FS\_FEC\_MCS (revision of S4-170679) | Rapporteur (Motorola Solutions Germany) | 16.7 |  |
| S4-170735 | Reply LS on KPIs for mobile services (To: ITU-T SG12, TSG SA) | TSG SA WG4 | 5.4, 12 |  |
| S4-170736 | LS on sharing of work in progress (To: ISO/IEC JTC1/SC29/WG11 (MPEG)) | TSG SA WG4 | 12 |  |
| S4-170737 | pCR to 26.918 Edits on audio sections (revision of S4-170665) | Dolby Laboratories Inc. | 16.3 |  |
| S4-170738 | New WID on 3GPP Service Interactivity (3SI) (revision of S4-170690) | Qualcomm Incorporated, China Mobile Com. Corporation, KPN N.V., LG Electronics Inc., LG Uplus, one2many B.V., ORANGE, TNO | 18 |  |
| S4-170739 | New Study Item on 3GPP codecs for VR audio (FS\_CODVRA) | Ericsson LM | 18 |  |
| S4-170740 | Summary for work item "Server and Network Assisted DASH" (SAND) | SAND Rapporteurs (Sony Mobile Communications, Intel) | 15.1 |  |
| S4-170741 | TS 26.238 Uplink Streaming v.0.0.3 | Rapporteur (Samsung Electronics Co., Ltd) | 15.3 |  |
| S4-170742 | Time Plan for WI FLUS, v. 0.3 | Rapporteur (Samsung Electronics Co., Ltd) | 15.3 |  |
| S4-170743 | Draft TR 26.891 5G enhanced mobile broadband; Media distribution (Release 15), v. 0.0.2 | Rapporteur (Samsung) | 16.4 |  |
| S4-170744 | FS\_5GMedia\_Distribution Time Plan v0.3 | Rapporteur (Samsung Telecoms America) | 16.4 |  |
| S4-170745 | New WID on Codec for Immersive Voice and Audio Services (IVAS\_Codec) | Ericsson LM, Qualcomm Incorporated, Huawei Technologies Co Ltd | 18 | S4-170749 |
| S4-170746 | New Work Item on Test Methodologies for Evaluation of Perceived Listening Quality in Immersive Audio Systems (LiQuImAS) | Qualcomm Incorporated, Head acoustics GmbH, Sony Mobile Communications, Fraunhofer IIS, Huawei Technologies Co Ltd. | 18 |  |
| S4-170747 | New Study Item on EVS Float Conformance Non Bit-Exact (FS\_EVS\_FCNBE) (revision of S4-170731) | Intel, Huawei Technologies Co. Ltd, HEAD Acoustics GmbH, Fraunhofer IIS, Sony Mobile Communications, Apple | 18 |  |
| S4-170748 | New Work Item on Addition of HDR to TV Video Profiles (HDR) (revision of S4-170666) | Qualcomm Incorporated, Ericsson LM, Sony Europe Limited, ORANGE, LG Electronics Inc. | 18 |  |
| S4-170749 | New WID on EVS Codec extension for Immersive Voice and Audio Services (IVAS\_Codec) | Ericsson LM, Qualcomm Incorporated, Huawei Technologies Co Ltd | 18 |  |
| S4-170750 | New Work Item on 3GPP Virtual Reality Profiles for Streaming Media (VRStream) (revision of S4-170652) | Qualcomm Incorporated, Sony Mobile Communications, LG Electronics, ORANGE | 18 | S4-170751 |
| S4-170751 | New Work Item on 3GPP Virtual Reality Profiles for Streaming Media (VRStream) (revision of S4-170750) | Qualcomm Incorporated, Sony Mobile Communications, LG Electronics, ORANGE | 18 |  |
| S4-170752 | Draft TR 26.918 on "Virtual Reality (VR) media services over 3GPP (Release 15)", v1.2.0 | Rapporteur (ORANGE) | 16.3 |  |
| S4-170753 | Draft Report of SA4#94 meeting, v. 0.0.1 | TSG-S4 Secretary |  |  |