|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19.14  | - | - | - | Study on Architecture support of Ambient power-enabled Internet of Things (FS\_AmbientIoT) | - | - | Wanqiang | Docs:=56 | **-**  |
|  |  |  |  | LS OUT to SA1 and SA3 (~ 10 minutes recommended for discussion) |  |  |  | Docs:= 1 |  |
| 19.14 | **[S2-2404490](Docs%5C%5CS2-2404490.zip%22%20%5Ct%20%22_blank)** | LS OUT | Approval | [DRAFT] LS on Clarification of service requirements for Ambient IoT | Ericsson | Rel-19 | FS\_AmbientIoT |  |  |
|  |  |  |  | Architectural assumption and requirement(~ 20 minutes recommended for discussion) |  |  |  | Docs:= 4 |  |
| 19.14 | **[S2-2404295](Docs%5C%5CS2-2404295.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Update architecture assumption for Ambient IoT. | Vivo, Huawei, MediaTek Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404349](Docs%5C%5CS2-2404349.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Update Architecture Assumptions. | ZTE | Rel-19 | FS\_AmbientIoT | Revision of S2-2402567 |  |
| 19.14 | **[S2-2404652](Docs%5C%5CS2-2404652.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Clarification on Connection Management states. | CATT | Rel-19 | FS\_AmbientIoT | Revision of S2-2402168 |  |
| 19.14 | **[S2-2404395](Docs%5C%5CS2-2404395.zip%22%20%5Ct%20%22_blank)** | P-CR | Agreement | 23.700-13: Updates to References, Abbreviations, Architectural Assumptions and Requirements, Overall Evaluation with RFID. | NEC | Rel-19 | FS\_AmbientIoT |  |  |
|  |  |  |  | New solution / solution update (~ max.10 minutes/paper recommended for discussion) |  |  |  | Docs:= 17 |  |
|  |  |  |  | AIoT Device management |  |  |  | Docs:= 5 |  |
| 19.14 | **[S2-2403924](Docs%5C%5CS2-2403924.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Addressing open issues for Solution 3. | Qualcomm Incorporated | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404428](Docs%5C%5CS2-2404428.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Sol: Multi-level Device ID management. | MediaTek Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404324](Docs%5C%5CS2-2404324.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New solution: ID management. | OPPO | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2403971](Docs%5C%5CS2-2403971.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: New Solution on Ambient IoT Device States. | Samsung | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404339](Docs%5C%5CS2-2404339.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Sol.: AIoT Registration/Onboarding. | Sony | Rel-19 | FS\_AmbientIoT |  |  |
|  |  |  |  | Topology 1 solution |  |  |  | Docs:= 4 |  |
| 19.14 | **[S2-2404924](Docs%5C%5CS2-2404924.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#1,2,3 New Sol: Enable Ambient IoT Management within 5GC to support AIoT services. | Huawei, HiSilicon | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404463](Docs%5C%5CS2-2404463.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #3, New sol: Solution for support of Ambient IoT services. | China Mobile | Rel-19 | FS\_AmbientIoT | Revision of S2-2402503 |  |
| 19.14 | **[S2-2404515](Docs%5C%5CS2-2404515.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3, KI#1, New Solution: AIoT communication for connectivity topology 1 and AIoT service-based session with the reader. | Lenovo | Rel-19 | FS\_AmbientIoT | Revision of S2-2402719 |  |
| 19.14 | **[S2-2404501](Docs%5C%5CS2-2404501.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Update for solution KI#6 on group communication . | Futurewei, Lenovo | Rel-19 | FS\_AmbientIoT |  |  |
|  |  |  |  | Topology 2 solution |  |  |  | Docs:= 6 |  |
| 19.14 | **[S2-2404649](Docs%5C%5CS2-2404649.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#1, #2 and #3, New Sol: Architecture enhancement to support AIoT services for topology 2. | CATT | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404491](Docs%5C%5CS2-2404491.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #1, #2, #3, New Solution: AF Based Solution. | Ericsson | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404348](Docs%5C%5CS2-2404348.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #3, New Sol, AIoT Device Data Transfer Based on NIDD in Topology 2. | ZTE | Rel-19 | FS\_AmbientIoT | Revision of S2-2402569 | Merge into 4491? |
| 19.14 | **[S2-2404530](Docs%5C%5CS2-2404530.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: EN resolution for solution#11 . | Nokia | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404325](Docs%5C%5CS2-2404325.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#1, 2&3, New solution: Command Delivery for Topology 2. | OPPO | Rel-19 | FS\_AmbientIoT | Revision of S2-2402486 | Merge into 4530? |
| 19.14 | **[S2-2404942](Docs%5C%5CS2-2404942.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3 New Sol: UE reader selection and configuration for inventory procedure. | Spreadtrum Communications | Rel-19 | FS\_AmbientIoT |  |  |
|  | Interdigital pick |  |  |  |  |  |  |  |  |
|  | Vivo pick |  |  |  |  |  |  |  |  |
|  |  |  |  | Other contributions(not for handle) |  |  |  | Docs:= 34 |  |
| 19.14 | **[S2-2404296](Docs%5C%5CS2-2404296.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: New Sol for KI#1#2#3: E2E group handling for interaction of AIoT Device related information. | Vivo | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404297](Docs%5C%5CS2-2404297.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Update sol#4 to support interacting AIoT Device related info via UE reader s user plane. | Vivo | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404298](Docs%5C%5CS2-2404298.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Sol for KI#1#3: RAN reader management. | Vivo | Rel-19 | FS\_AmbientIoT | Revision of S2-2402042 |  |
| 19.14 | **[S2-2404299](Docs%5C%5CS2-2404299.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Sol for KI#1#3: intermediate node management . | Vivo | Rel-19 | FS\_AmbientIoT | Revision of S2-2402043 |  |
| 19.14 | **[S2-2404326](Docs%5C%5CS2-2404326.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Solution on Reachablity and State machine for AIoT. | OPPO | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404327](Docs%5C%5CS2-2404327.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#1,2,3, solution#9 update: Editor s note Resolution. | OPPO | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | [**S2-2404463**](Docs%5CS2-2404463.zip) | P-CR | Approval | 23.700-13: KI #3, New sol: Solution for support of Ambient IoT services. | China Mobile | Rel-19 | FS\_AmbientIoT | Revision of S2-2402503 |  |
| 19.14 | **[S2-2404464](Docs%5C%5CS2-2404464.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #3, New sol: fixed UE reader for support of Ambient IoT services. | China Mobile | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404489](Docs%5C%5CS2-2404489.zip%22%20%5Ct%20%22_blank)** | DISCUSSION | Agreement | Use Case Discussion on the Scenarios . | Ericsson | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404492](Docs%5C%5CS2-2404492.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #1, #2, #3, New Solution: Support AIoT Devices for Topology 2 using AIOTF. | Ericsson | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404493](Docs%5C%5CS2-2404493.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #1, #2, #3, Sol#8: Update to add Command Procedure and resolve ENs. | Ericsson | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404494](Docs%5C%5CS2-2404494.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI #2, New Solution: Device ID(s) for AIoT Devices. | Ericsson | Rel-19 | FS\_AmbientIoT | Revision of S2-2402262 |  |
| 19.14 | **[S2-2404531](Docs%5C%5CS2-2404531.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Update of Solution #1: AIoT temporary ID control. | Nokia | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404532](Docs%5C%5CS2-2404532.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: New solution: Ambient IoT device validation . | Nokia, Nokia Shanghai Bell | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404533](Docs%5C%5CS2-2404533.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: New solution: Ambient IoT inventory service support . | Nokia | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404603](Docs%5C%5CS2-2404603.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Solution #7 Update, Bulk Introduction of Devices to the Network (Group Registration). | Samsung | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404604](Docs%5C%5CS2-2404604.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Solution for KI#1, Device Identification for AmbientIoT. | Samsung | Rel-19 | FS\_AmbientIoT | Revision of S2-2402539 |  |
| 19.14 | **[S2-2404606](Docs%5C%5CS2-2404606.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Solution for KI#2, Subscription Management for Ambient IoTs. | Samsung | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404610](Docs%5C%5CS2-2404610.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Solution for KI#3, new exposure services for management of Ambient IoTs. | Samsung | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404612](Docs%5C%5CS2-2404612.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Solution for KI#3, Shared PDU Session to support Ambient IoT. | Samsung | Rel-19 | FS\_AmbientIoT | Revision of S2-2402541 |  |
| 19.14 | **[S2-2404650](Docs%5C%5CS2-2404650.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#1, #2 and #3, Sol#5: Update to Remove ENs and Add clarifications. | CATT | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404651](Docs%5C%5CS2-2404651.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Sol: Authorization of UE acting as an intermediate node. | CATT | Rel-19 | FS\_AmbientIoT | Revision of S2-2402167 |  |
| 19.14 | **[S2-2404653](Docs%5C%5CS2-2404653.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, Sol#10: Update to clarify registration of AIoT Device information and remove ENs. | CATT | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404836](Docs%5C%5CS2-2404836.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Key Issue #2, New Solution, Availability Reporting without Ambient IoT Device Timers . | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404845](Docs%5C%5CS2-2404845.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Key Issue #2, New Solution: UE Assisted Paging for AIoT devices. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404851](Docs%5C%5CS2-2404851.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Key Issue #2 and Key Issue #3, Solution 5 Update to Limit the Number of Device Random Access Attempts. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404855](Docs%5C%5CS2-2404855.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3, New Solution, AIoT Data Transmission. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404856](Docs%5C%5CS2-2404856.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Solution, On-demand Paging for Ambient IoT Devices. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404858](Docs%5C%5CS2-2404858.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New Sol: Registration Management for Ambient IoT devices behind intermediate node UE. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404861](Docs%5C%5CS2-2404861.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3, New Solution: AIoT device tracking for inventory . | InterDigital, Inc. | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404897](Docs%5C%5CS2-2404897.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3, KI#1, New Solution: AIoT communication for connectivity topology 2 and AIoT data transmission in the C-Plane. | Lenovo | Rel-19 | FS\_AmbientIoT | Revision of S2-2402720 from SA WG2#161 |  |
| 19.14 | **[S2-2404899](Docs%5C%5CS2-2404899.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#3, KI#1, New Solution: AIoT communication for connectivity topology 2 and AIoT data transmission in the U-Plane. | Lenovo | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404923](Docs%5C%5CS2-2404923.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: New Term: Ambient IoT Reader. | Huawei, HiSilicon | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404925](Docs%5C%5CS2-2404925.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Sol#2, Update AIoT Device ID. | Huawei, HiSilicon | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404945](Docs%5C%5CS2-2404945.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: KI#2, New solution: Reachability refrain indication from the UE. | Samsung | Rel-19 | FS\_AmbientIoT |  |  |
| 19.14 | **[S2-2404964](Docs%5C%5CS2-2404964.zip%22%20%5Ct%20%22_blank)** | P-CR | Approval | 23.700-13: Key Issue #3, New Solution: Ambient Device and Intermediate Node Location Association. | InterDigital Inc. | Rel-19 | FS\_AmbientIoT |  |  |