**AeroMACS SARPS Validation Table and Assignments**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Paragraph** | Comments | Validation Status. | SESAR/ECTL Validation Tasks  [As Committed] | FAA/NASA Validation Task  [Proposed] | Hitachi Validation Tasks  [Proposed] |
| **2.1.2, 2.1.3** | Implementation Issue | By inspection |  |  |  |
| **2.1.4, 2.1.5, 2.1.6, 2.1.8, 2.1.11, 2.1.12** | Done | TLS test | XX |  |  |
| **2.1.13** | Handover to be validated by SESAR 3/2014 |  | XX |  |  |
| **2.1.14** |  | Validated by NASA simulation. |  | XX |  |
| **3.1.1, 3.1.2, 3.1.3, 3.1.5** | Various general requirements | Validated by TLS test | XX |  |  |
| **3.1.4** | Guard Bands | To be validated by SESAR | XX |  |  |
| **3.1.6** | PUSC | Partially validated. | XX |  |  |
| **3.2.1, 3.2.2** | General radio characteristics | Validated by SITA | XX |  |  |
| **3.3.1, 3.3.2** | Radiated Power | Validated through NASA simulation. |  | XX |  |
| **3.4** | Minimum Receiver Sensitivity | Validation expected through SESAR however may not be ready before the ACP WGW |  |  | XX |
| **3.5** | Emissions | Not covered by planned SESAR validation. Validation support required. |  |  | XX |
| **3.6** | Susceptibility | Not covered by planned SESAR validation. Validation support required. |  | XX [can we do this at CLE?] |  |
| **4.1.1** | Maximum unplanned outage duration | Validation by analysis |  | XX |  |
| **4.1.3** | Performance Requirements – number of outages | Validation by inspection |  | XX |  |
| **4.2.1** | Mobile Station Requirements | Validation required by SESAR | XX |  |  |
| **4.3.1** | Subnetwork Entry Time | Validated by Hitachi |  |  | XX |
| **4.3.3, 4.3.4** | MS data transit delay | To be validated through testing. |  | XX |  |
| **4.4.1** | Detect and Correct corrupt SNSDUs | To be validated via simulation | XX | XX |  |
| **4.4.2** | Processing of correctly addresses SNSDUs | To be validated via simulation | XX | XX |  |
| **4.4.4** | Maximum BER |  |  |  | XX |
| **4.5.1** | Voice Service | Validated through inference from Doc 9896. |  |  |  |
| **4.6.** | Security Service | To be validated by inspection. |  | XX | XX |
| **4.7** | Continuity of Service | To be validated through analysis |  | XX |  |
| **5.1.1** | System Interfaces | Already validated | XX |  |  |
| **5.1.2** | Link Layer Switching | Already validated | XX |  |  |
| **5.1.3** | Loss of Communications | Already validated | XX |  |  |
| **5.2.1** | Application Requirements | Already Validated | XX |  |  |
| **5.2.2** | Applications Requirements | Validation to be confirmed. | XX |  |  |