# RTFPPL Issue Finding Check List

## Initialization check

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| **1** | **Venue loading**   1. **Was correct venue selected?** |  |  |
| 2 | MFP loading   1. Was fingerprint uploaded 2. Is fingerprint upload status == 111 3. Is fingerprint build date correct |  |  |
| 3 | WFP loading   1. Was fingerprint uploaded 2. Is fingerprint upload status == 111 3. Is fingerprint build date correct |  |  |
| 4 | Proximity DB loading   1. Was DB uploaded 2. Is fingerprint upload status == 111 3. Is DB build date correct? 4. Is loaded beacons number fine? 5. Is loaded DB settings correct (5,5,2) |  |  |
| 5 | Vector map loading   1. Was map uploaded 2. Is upload status fine |  |  |
| 6 | BFP loading   1. Was DB uploaded 2. If fingerprint upload status == 111 3. Is DB build date correct |  |  |

## Positioning start issues

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Sensor data were available |  |  |
| 2 | Wi-Fi scans were available |  |  |
| 3 | BLE scans were available |  |  |
| 4 | Proximity scans were available |  |  |
| 5 | Was correct platform mode activated (VDR/PDR) |  |  |
| 6 | Was Set-Start-Position called properly and in time |  |  |
| 7 | Was Set-Start-Position position uncertainty less or equal than 144 |  |  |
|  | Was Set-Start-Position floor match to real floor which start performed |  |  |
| 8 | Does expected initializer triggered start (wifi, proximity, ble or start\_position depending on context of dataset or it was mag start) |  |  |

## General positioning performance issue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Venue type was set as expected |  |  |
| 2 | Was WiFi updater enabled |  |  |
| 3 | Was Proximity updater enabled |  |  |
| 4 | Was MM updater enabled |  |  |
| 5 | MFP biases were loaded |  |  |
| 6\* | Was automatic reset triggered |  |  |
| 7\* | Were injections happened |  |  |
| 8\* | Were injection sources and injections parameters as expexted |  |  |

## Multi-floor venue issue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Was barometer using mode set correctly |  |  |
| 2 | Pressure data were available |  |  |
| 3 | Do any jumps in pressure data exist |  |  |

## WiFi related issue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Check for DB initialization and updater enabled |  |  |
| 2 | Wi-Fi bias was loaded |  |  |
| 3 | Was Wi-Fi scan rate matched to OS type/mode (Android O- or Q+ in developer mode: ~ 0.2Hz; Android P+: 4 scans per 2 minutes |  |  |
| 4\* | Do any gaps in Wifi Scanning exist |  |  |

## Proximity related issue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Check for DB initialization and updater enabled |  |  |
| 2 | BLE bias was loaded |  |  |
| 3 | Is positioning proximity settings set correctly |  |  |
| 4 | Is Detection proximity settings set correctly |  |  |
| 5 | Does beacons transmitted Tx power match to DB |  |  |
| 6 | Is Tx correction level fine and adequate |  |  |
| 7\* | Were proximity beacons levels in expected range:  Maximal Rx levels should be less than (Tx + 5dBm)  Maximal Rx levels should be more than (Tx - 5dBm) |  |  |

## BLE related issue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Check** | **Y/N** | **Mark if incorrect** |
| 1 | Check for fingerprint initialization and updater enabled |  |  |
| 2 | BLE bias was loaded |  |  |