

| XRAYs SLOCA Test Case Form | | | | | | |
|--|--|---|--------------------|--|---|-------------|
| System Name/Version | XRAYs SLOCA | Prepared by | Xinyi& Yigang | Prepared Date | 20 October 2017 | |
| SubsystemName: | Test Case - Heatmap Page Features | Tested by | Xinyi | Test Date | 20 October 2017 | |
| Test No.: | 2 | Checked by | Yigang | Checked Date | 20 October 2017 | |
| Scenario 1: To test XRAYs SLOCA Heatmap Features | | | | | | |
| Case ID | Test Scenario | Test Steps | Test Data (if any) | Expected Result | Actual Result | Pass / Fail |
| 1 | More than one location update from a device in the processing window, consider the most recent update only | 1. Click on heatmap 2. Select datetime query of "2017-02-06 12:45:00" 3. Select Level 3 query | | The system should consider the latest update only | Only the latest update was considered | Pass |
| 2 | There are updates outside of the 15 minutes window | | | The system should not consider any updates outside the 15 minutes window | System only show semantic place within the 15 mins query window | Pass |
| 3 | There are semantic places with no users at all during the 15 minutes window | | | The system should display the semantic place, with a mac address count of 0 and a crowd density of 0 | System show semantic places with mac address count of 0 | Pass |
| 4 | There are 2 semantic places with the same number of users during the 15 minutes window | | | The system should display the same mac add count and crowd density for both semantic places | System displayed both semantic places with same mac add count and crowd density | Pass |