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| **User Story / Requirement ID** | **User Story/Requirement Under Test** | |
| SK\_LS\_OH | - As Sith Knight, I want that my light saber firmware turns off my saber when kyber crystal gets  overheated | |
| ***Is it valid?*** |
| Yes |
| ***If not valid, what is the new/Extra information from Marketing/Product Owner?*** | | |
| **Test Case ID** | **Test Case Name** | |
|  |  | |
| **Test Case Steps** | | |
| **Step Number** | **Step description** | **Expected Result** |
| **1** | Heat the crystal until it reaches 1419°F | Crystal should be on |
| **2** | Heath the crystal until it reaches 1420°F (turn off temperature) | Crystal should turn off |
| **3**  **\*For unknown time/temperature** | Let the crystal cooldown. Each 30 seconds, check temperature and see if the saber does turn on again (in order to see if the saber needs to wait for a certain time or temperature in order to be able to turn on again). | Crystal should be on once a temperature or time has been reached |
| **3**  **\*For known time/temperature** | Let the crystal cooldown until it reaches xx°F (or xx seconds had passed). | Crystal should be on |
| **4** | Heat the crystal until it reaches 1550°F | Crystal should be off |
| **5** | Let it cooldown until it reaches the average temperature when saber is in standby. | Crystal should be on. |
| **6** | Heat the crystal until it reaches 1419°F (check that after higher temperatures than 1420°F doesn’t affect the turn on/off set temperature). | Crystal should be on |
| **7** | Heat the crystal until it reaches 1420°F | Crystal should be off |
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