별첨 3. Biweekly 보고서

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Biweekly Research Progress Report**   |  |  |  | | --- | --- | --- | | **Name** | **:** | Lee ChanKeun | | **Advisor** | **:** | Young-Keun Kim (signature) | | **Period** | **:** | Week 12~13 | | **WBS** | **:** | SWIR Camera contents | | **Research Results in This Biweek**  **Producing a deep learning model that applies 1D-conv to the PCB dataset**  **Setting up experimental environment** | | | | **Research Items in Next Biweek**   * Experiments using wafer and liquids | | | | **Issues and Overall Progress**  **Conclusion Based on Interim Research Results**   * Successfully set up the SWIR camera environment and achieved basic image acquisition.   **Progress Analysis for WBS**   * Overall progress: **50% complete** * Remaining tasks include experiment and software issue.   **Countermeasures for Potential Delays**   * It is difficult to set the environment to obtain accurate experimental data   **Advisor Meeting Outcomes**   * Advisor suggested comparing different spectral bands and deep learning models | | | |