별첨 3. Biweekly 보고서

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| **Biweekly Research Progress Report**   |  |  |  | | --- | --- | --- | | **Name** | **:** | Lee ChanKeun | | **Advisor** | **:** | Young-Keun Kim (signature) | | **Period** | **:** | Week 10~11 | | **WBS** | **:** | SWIR Camera contents | | **Research Results in This Biweek**  **Select the HSI PCB segmentation dataset and Understanding papers related to the. PCB dataset**    **Setting up experimental environment** | | | | **Research Items in Next Biweek**   * Use black box or background changes * Experiments show spectral calibration through white panel and darkroom measurements | | | | **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 for improved defect detection. * It was proposed to set various experimental environments. | | | |