

Overview

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This document is a cleaned-up, internal reference version of the "**SanjVIEW Quick Start**" guide (Microsanj LLC, 48421 Milmont Drive, Fremont, CA 94538; authored by Huy Q Le; source revision **Rev241029**). Despite the "Quick Start" title, the source is a full walkthrough of the SanjVIEW™ software suite used with the EZ500A platform, covering every acquisition module (Project Manager, Transient Thermoreflectance, Movie Mode, FA Mode, Calibration, Steady State, SanjANALYZER, and SanjANALYZER Plus) for both the Visible/Near-IR (thermoreflectance, TR) camera and the turret-mounted Infrared (IR) camera.

On the "TEA sample" name: the source text itself never uses the term "TEA sample" — that phrasing appears only in the source PDF's filename. Throughout the worked examples, the source instead consistently refers to a "**Microsanj test sample**" (a small-thermal-mass test structure, specifically called out as a **5 μm Gold heater** in the Transient Thermoreflectance and SanjANALYZER examples) that is used to demonstrate the transient, calibration, and pulsed-mode verification workflows (see Figures 2, 3, 13, and 14 in the source). This reference document assumes "TEA sample" refers to that same Microsanj test/demo sample; it is flagged here rather than guessed at silently, in case "TEA" designates a specific internal part number or test-fixture name not defined in this particular source file.

This quick-start workflow covers, in source order:

1. Launching SanjVIEW and configuring the Project Manager.
2. Viewing DC-mode temperature response.
3. Acquiring a Transient Thermoreflectance (TR) measurement.
4. Acquiring a Movie Mode image.
5. Verifying calibration with the TCAT-100 stage in Pulsed Mode.
6. Analyzing a TR image in SanjANALYZER.
7. Using SanjANALYZER Plus for calibration-image correction and ΔT measurement.
8. A reference pass through the Visible Camera operating-mode screens.
9. The full Infrared (IR) camera workflow (System Status, Steady State, Calibration, FA Mode, Movie Mode, SanjANALYZER).
10. Device biasing, trigger function, and timing reference (SanjCONTROLLER PLUS I/O).

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