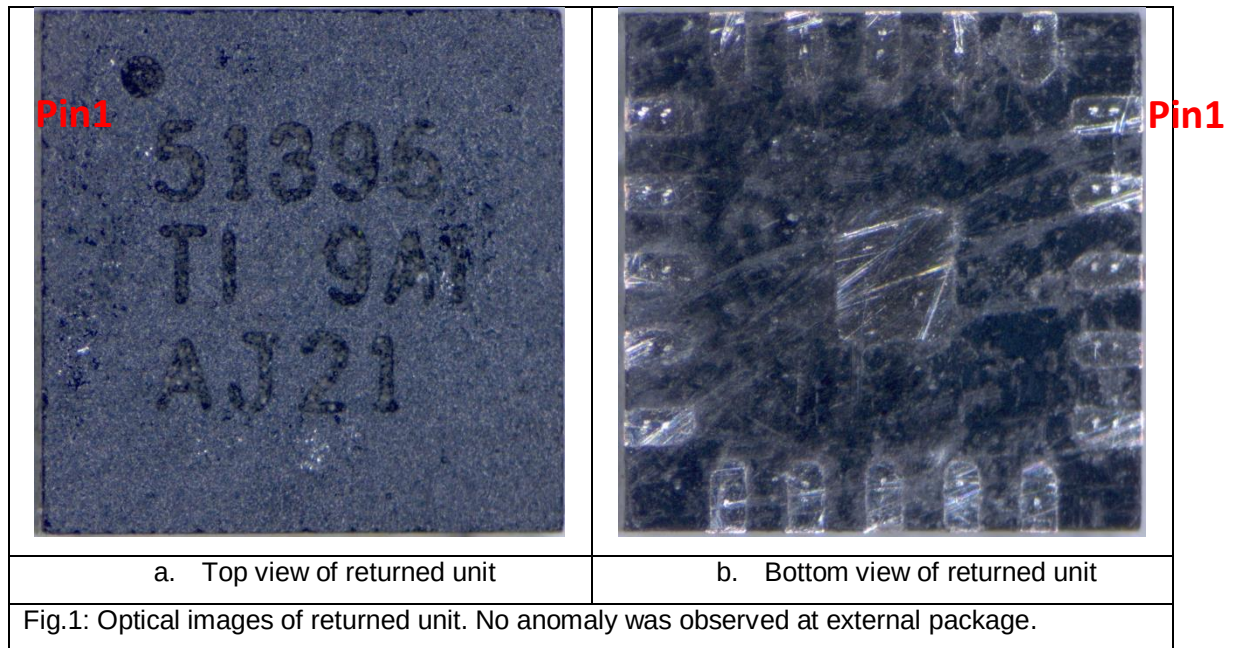


- **CRU Description:**

Field return
cannot start up

- **FA Result:**

- **External Package Examination:**



- **X-Ray Analysis:**

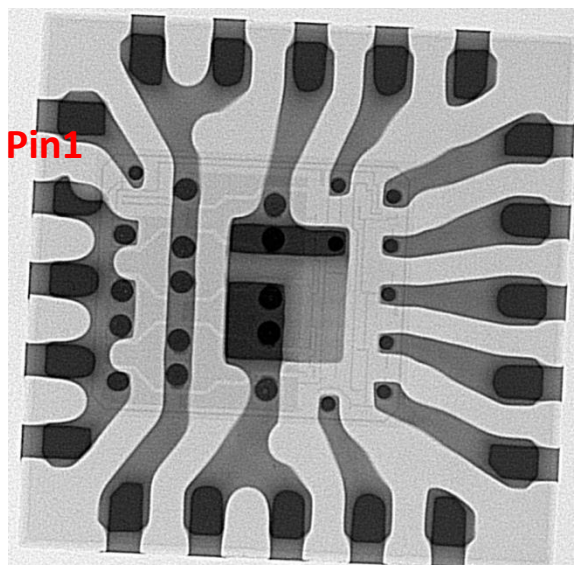


Fig.2: X-ray image of returned unit. No internal package issue was observed.

• **Scanning Acoustic Microscopy (SAM):**

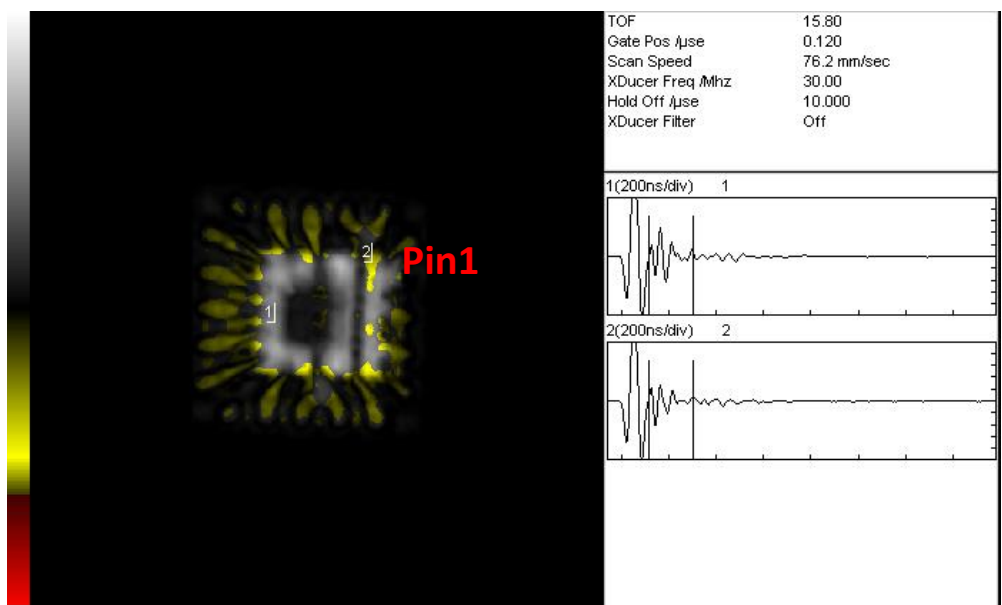
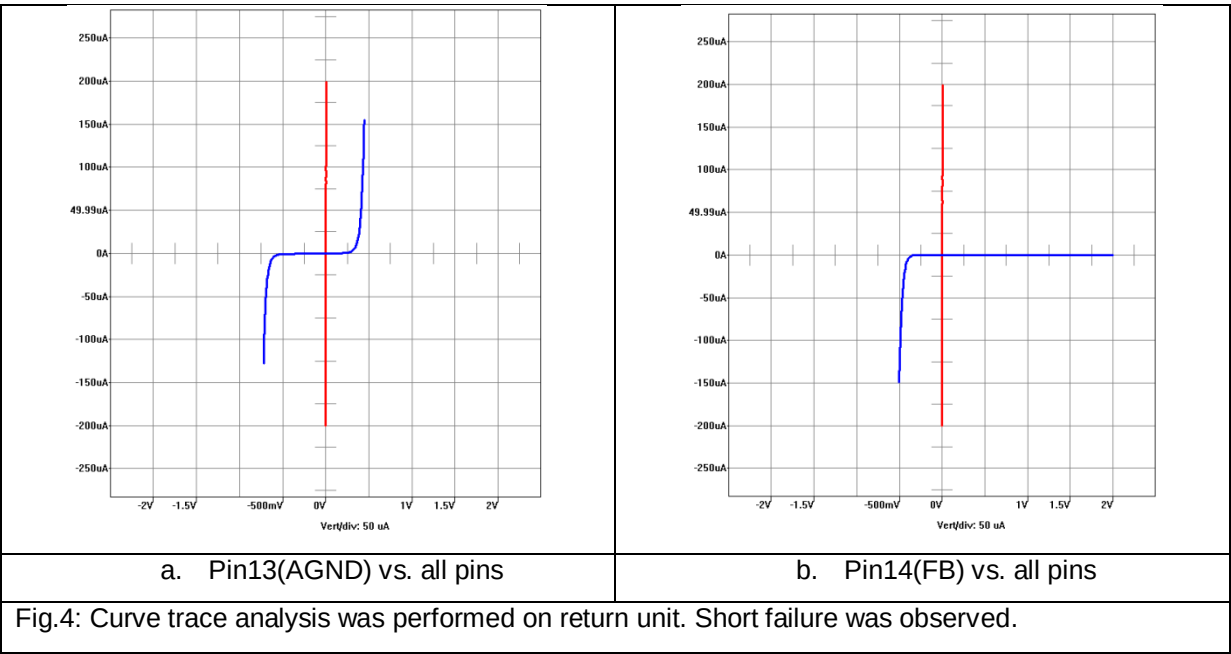


Fig.3: C-SAM image of returned unit. No delamination was observed over die surface.

• **Electrical Characterization:**

Blue curve represents correlation unit. Red curve represents returned unit.

Short failure was observed at Pin14(FB) vs. Pin13(AGND) on returned unit.



- **Decapsulation:**

Returned unit was full de-capped.

- **Internal Optical Inspection:**

EIPD was observed on the die surface.

