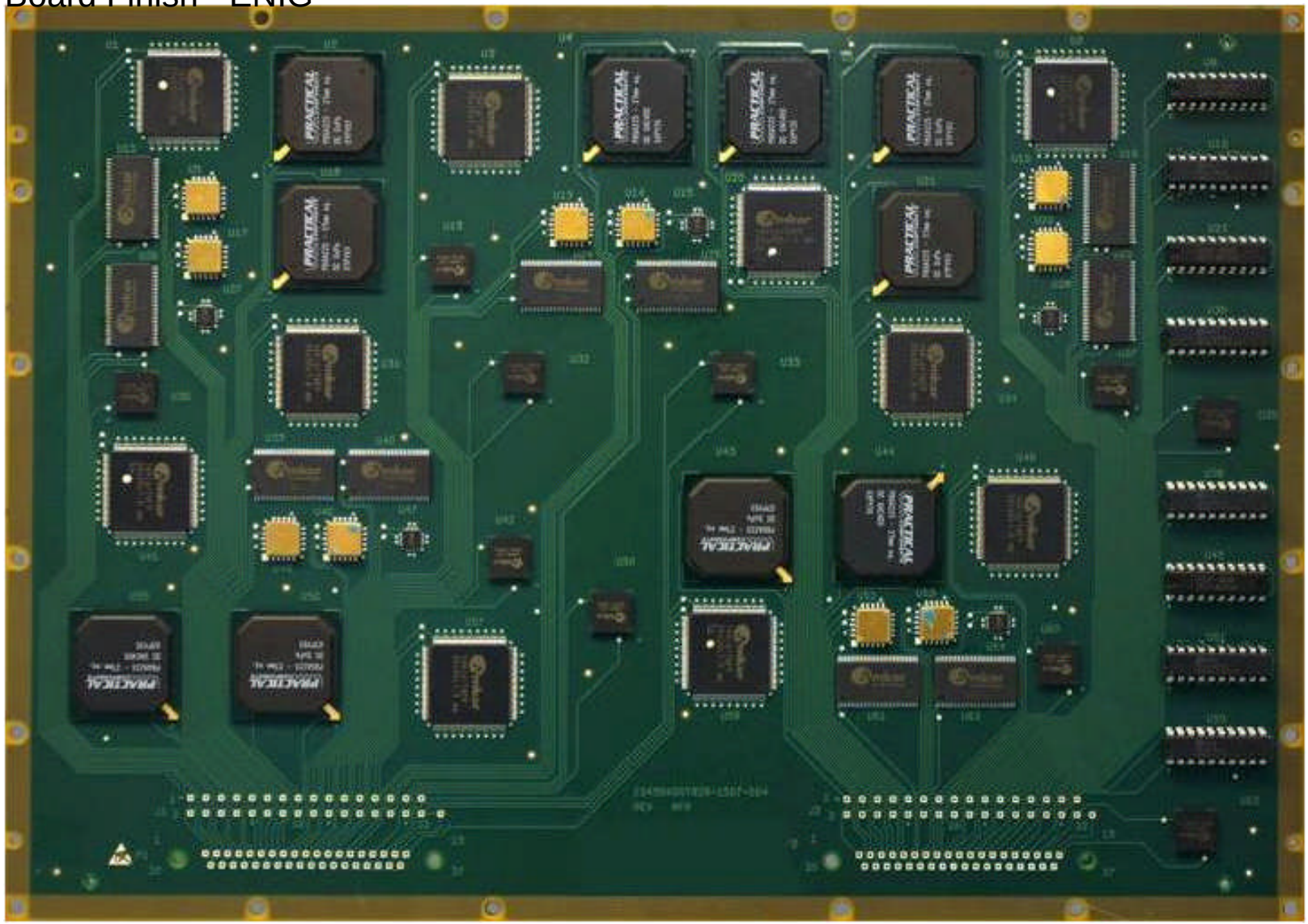
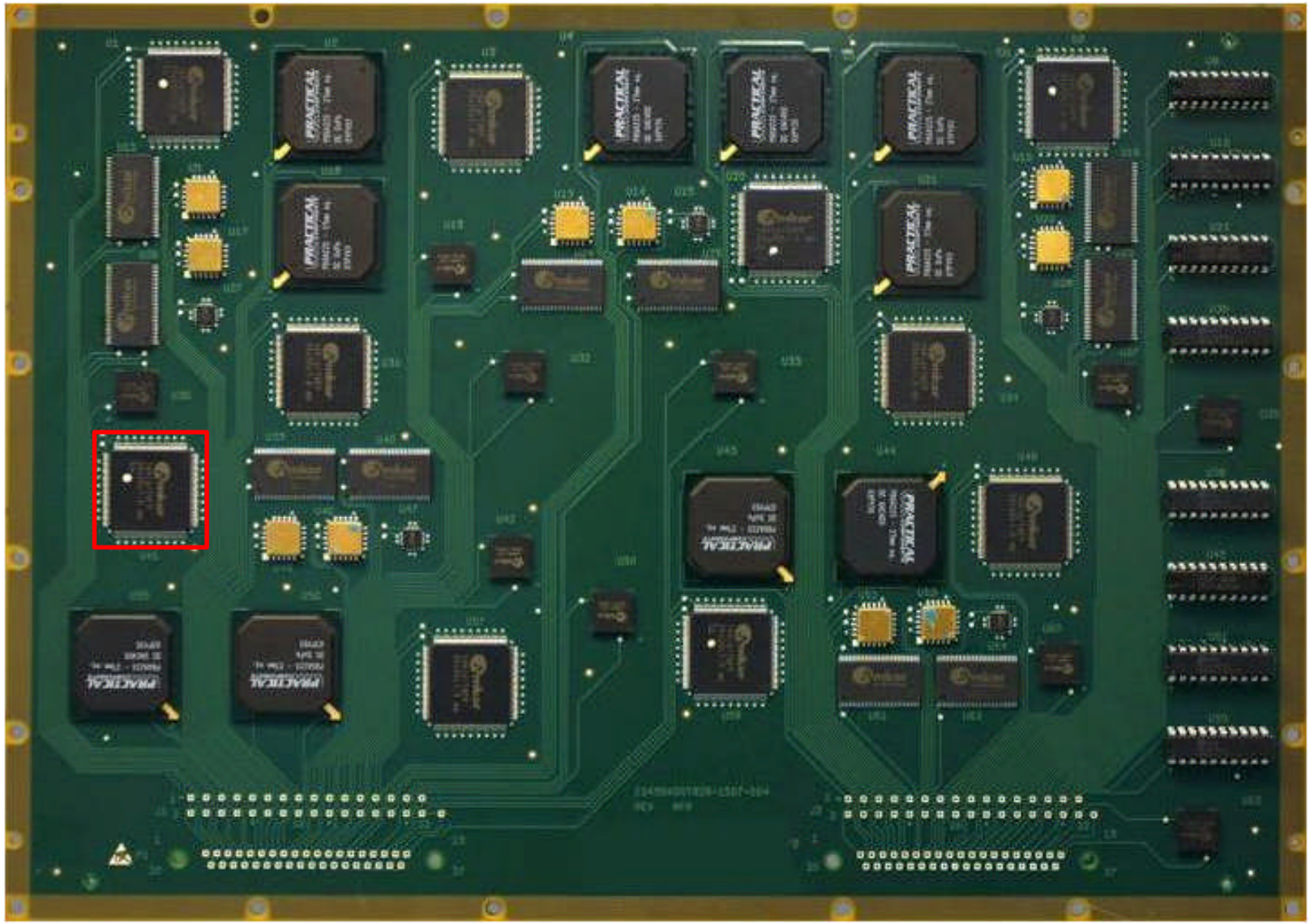
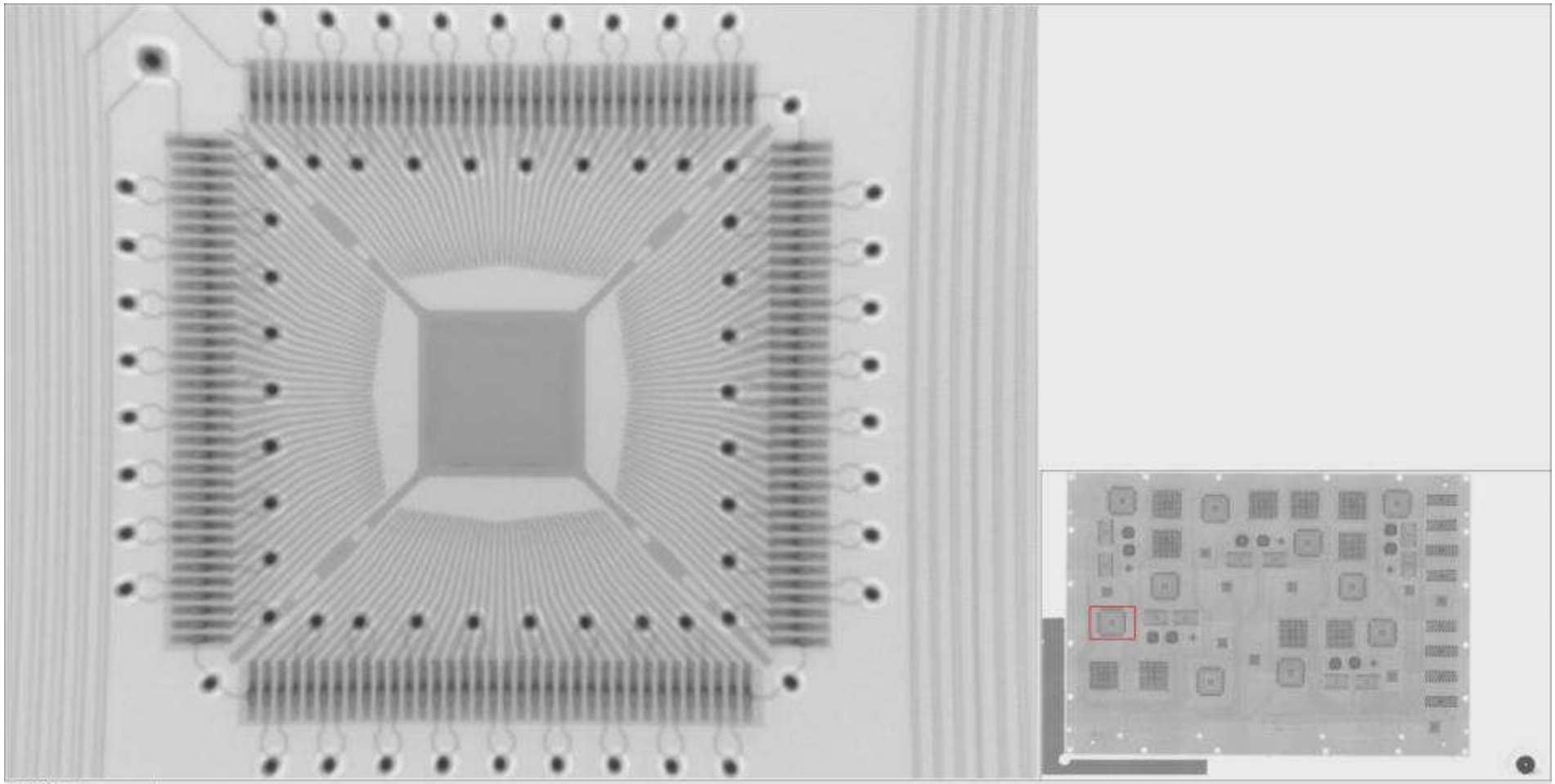
SN93 - Lead-Free Manufactured; Thermal Cycle and Combined Environments Test Vehicle

- Assembly Profile – Lead-Free
- Reflow Solder – SAC305
- Wave Solder – SN100C
- Board Finish - ENIG

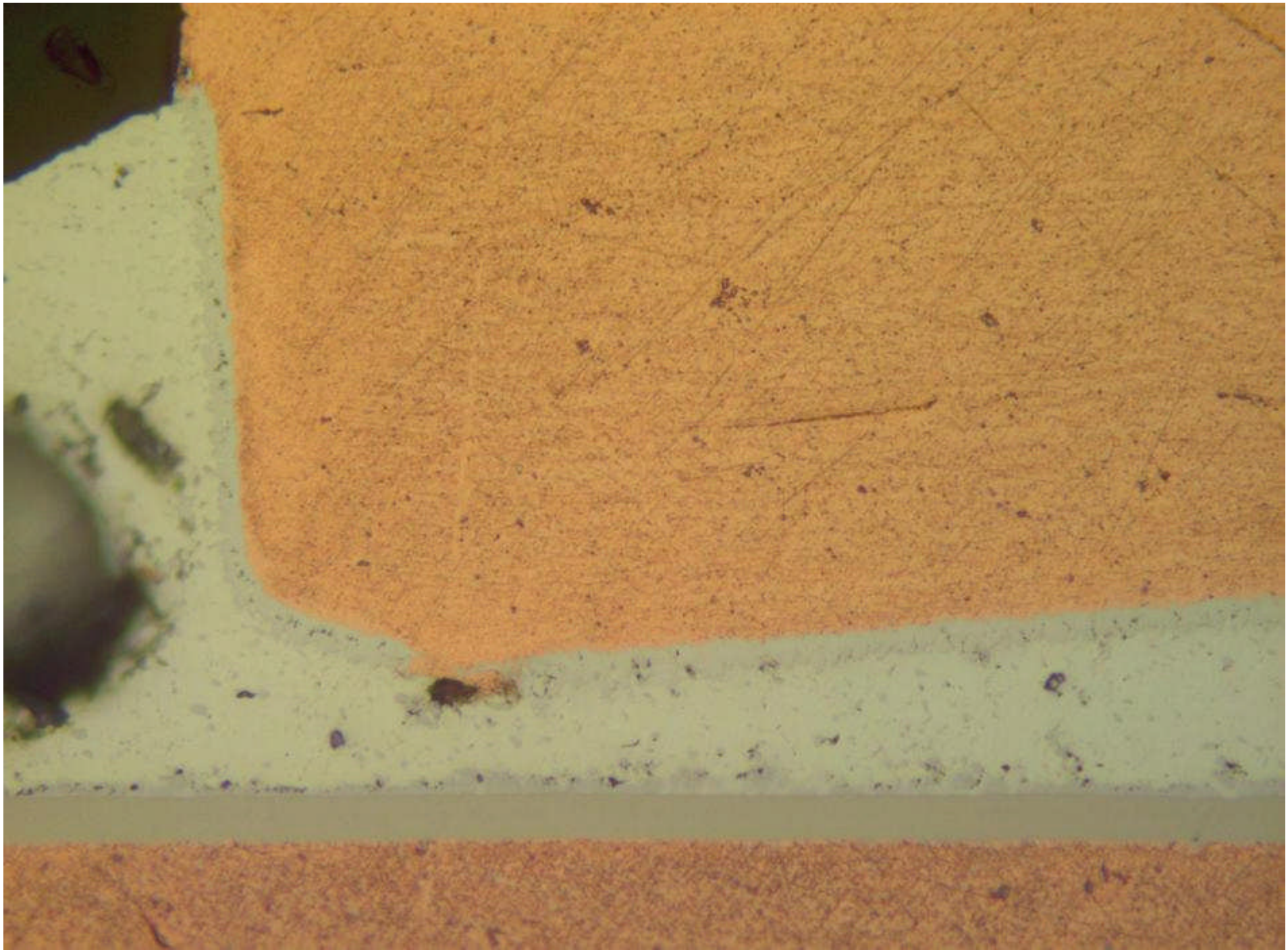


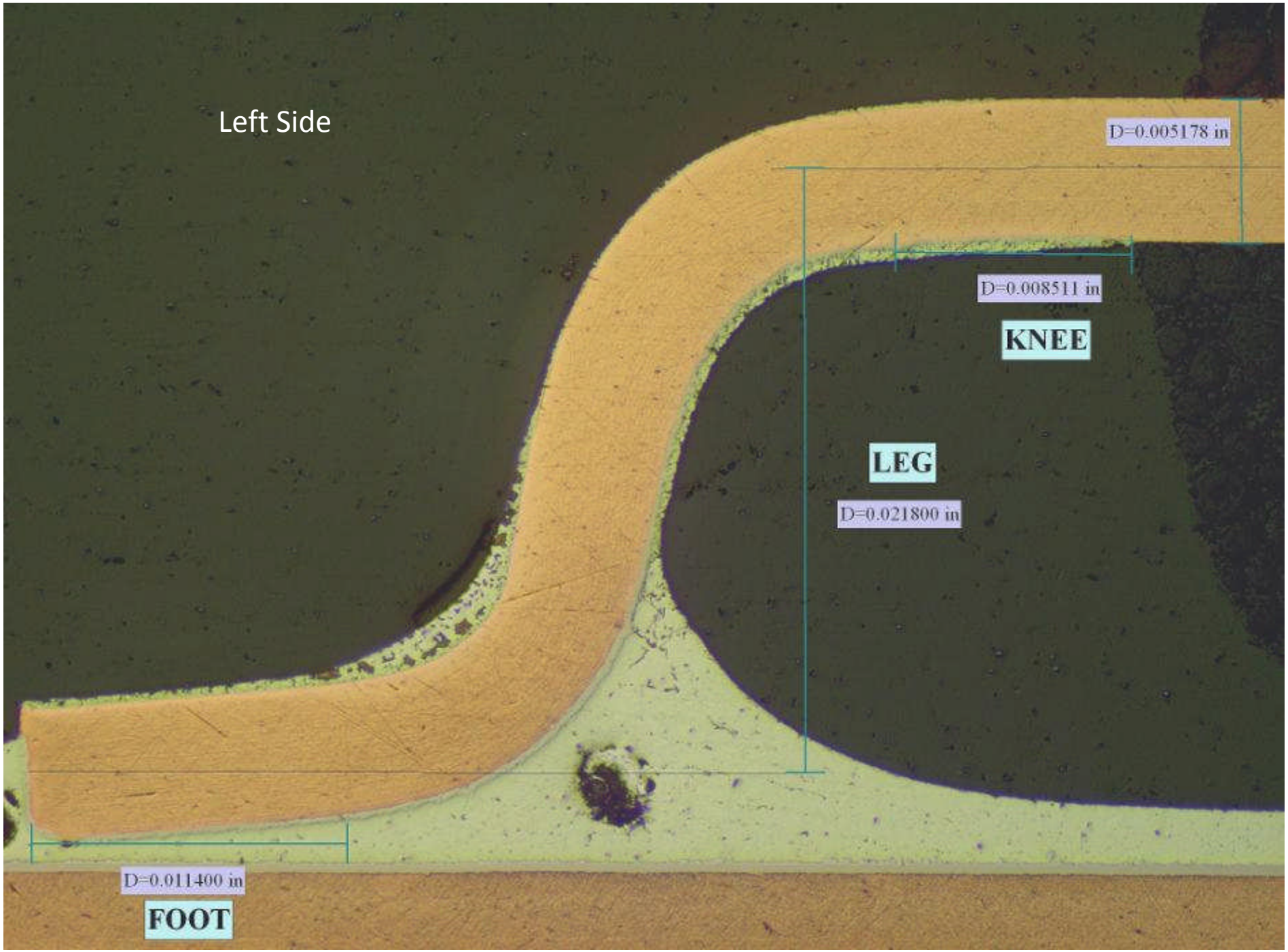
U41 – TQFP-144
SnPb Dip Finish

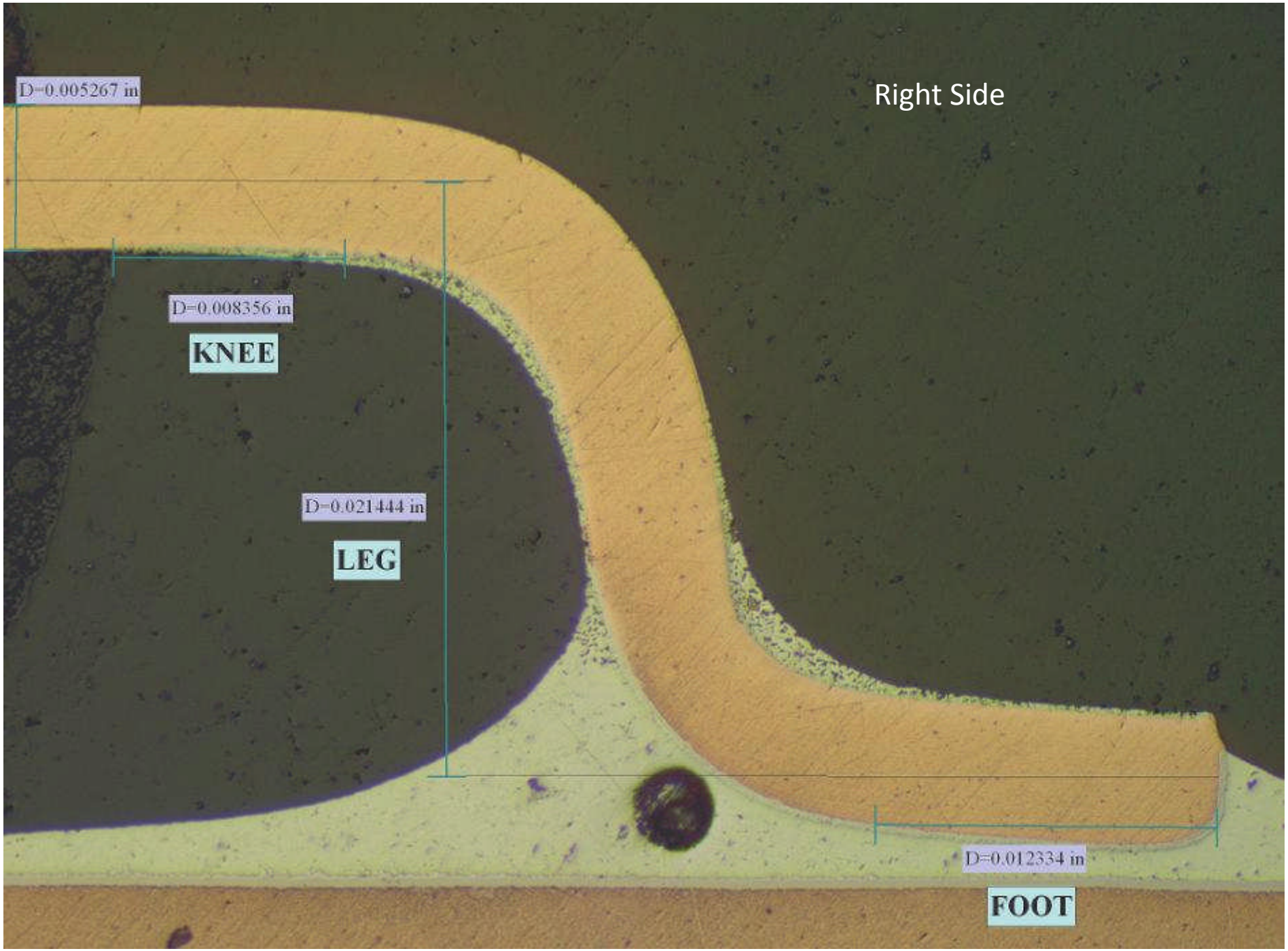


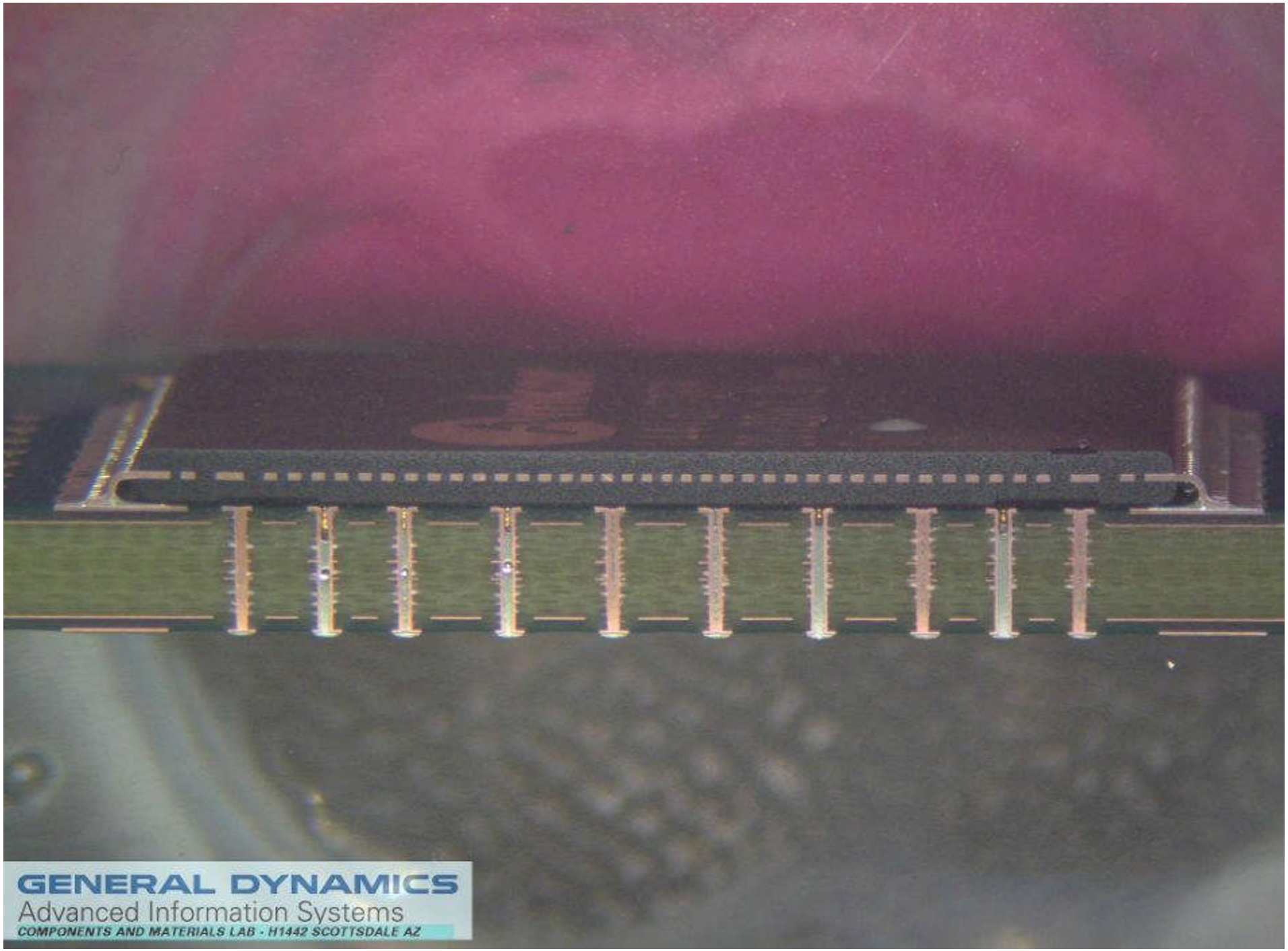


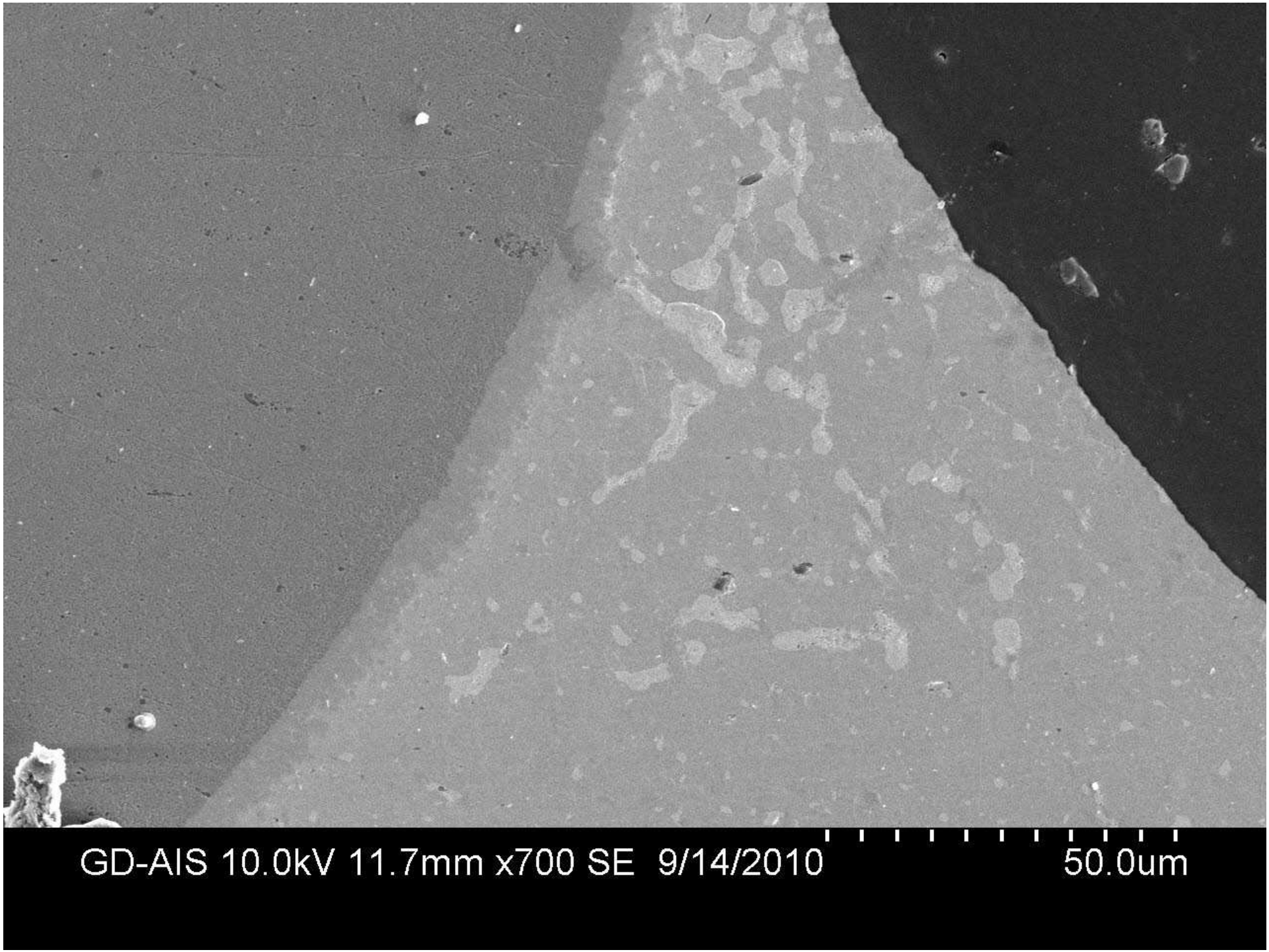
Tube voltage: 120 kV
Tube power: 1.95 W
Filter method used: None
Averaging: 256 frames

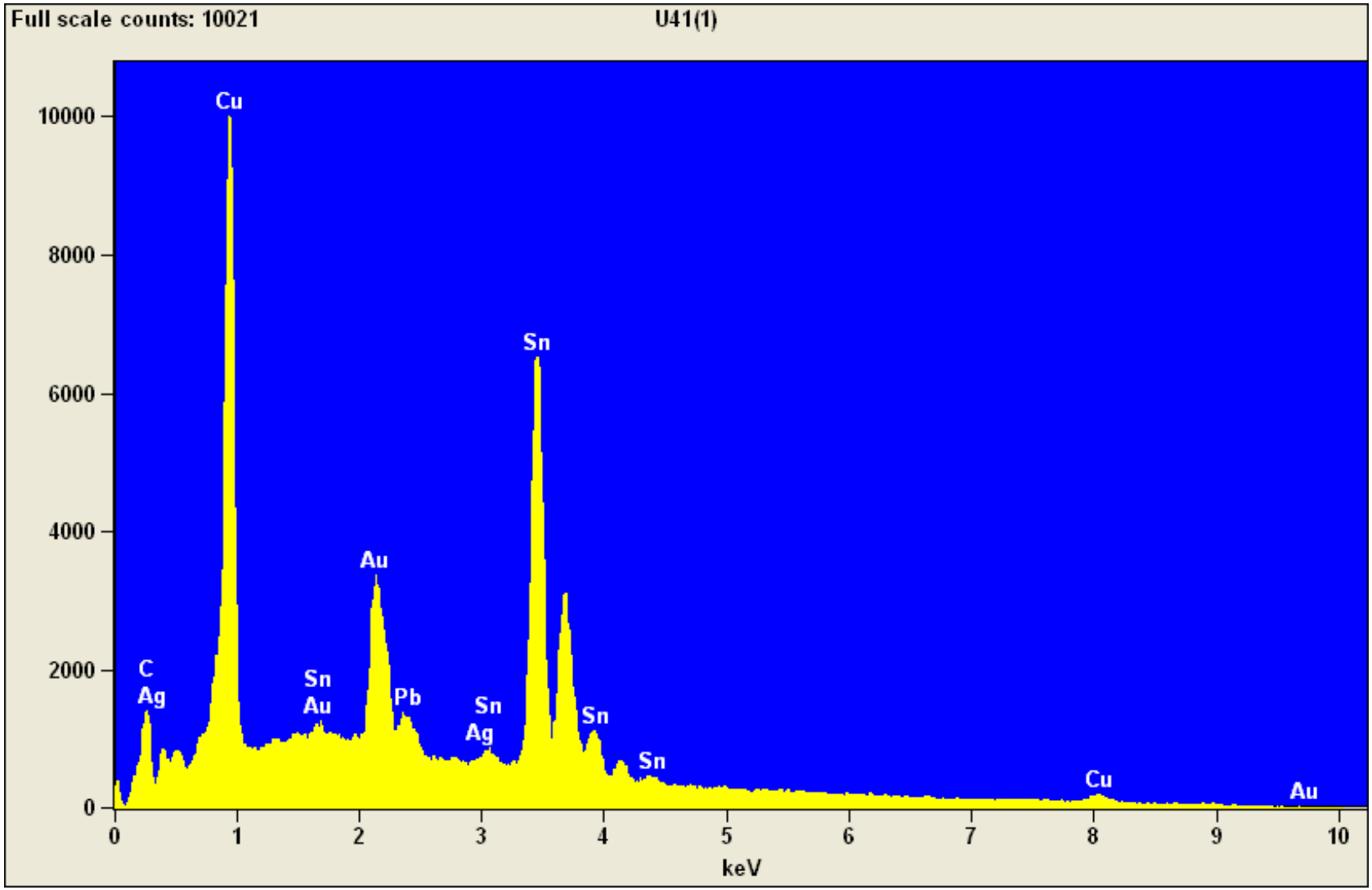



Left Side
D=0.005178 in
D=0.008511 in
KNEE
LEG
D=0.021800 in
D=0.011400 in
FOOT


Right Side
D=0.005267 in
D=0.008356 in
KNEE
D=0.021444 in
LEG
D=0.012334 in
FOOT


GENERAL DYNAMICS
Advanced Information Systems
COMPONENTS AND MATERIALS LAB - H1442 SCOTTSDALE AZ


GD-AIS 10.0kV 11.7mm x700 SE 9/14/2010
50.0um



Quantitative Results for: U41(1)

Element Line	Weight %	Atom %
Cu L	36.40	52.29
Ag L	0.12	0.10
Sn L	59.75	45.96
Pb M	3.74	1.65
Total	100.00	100.00