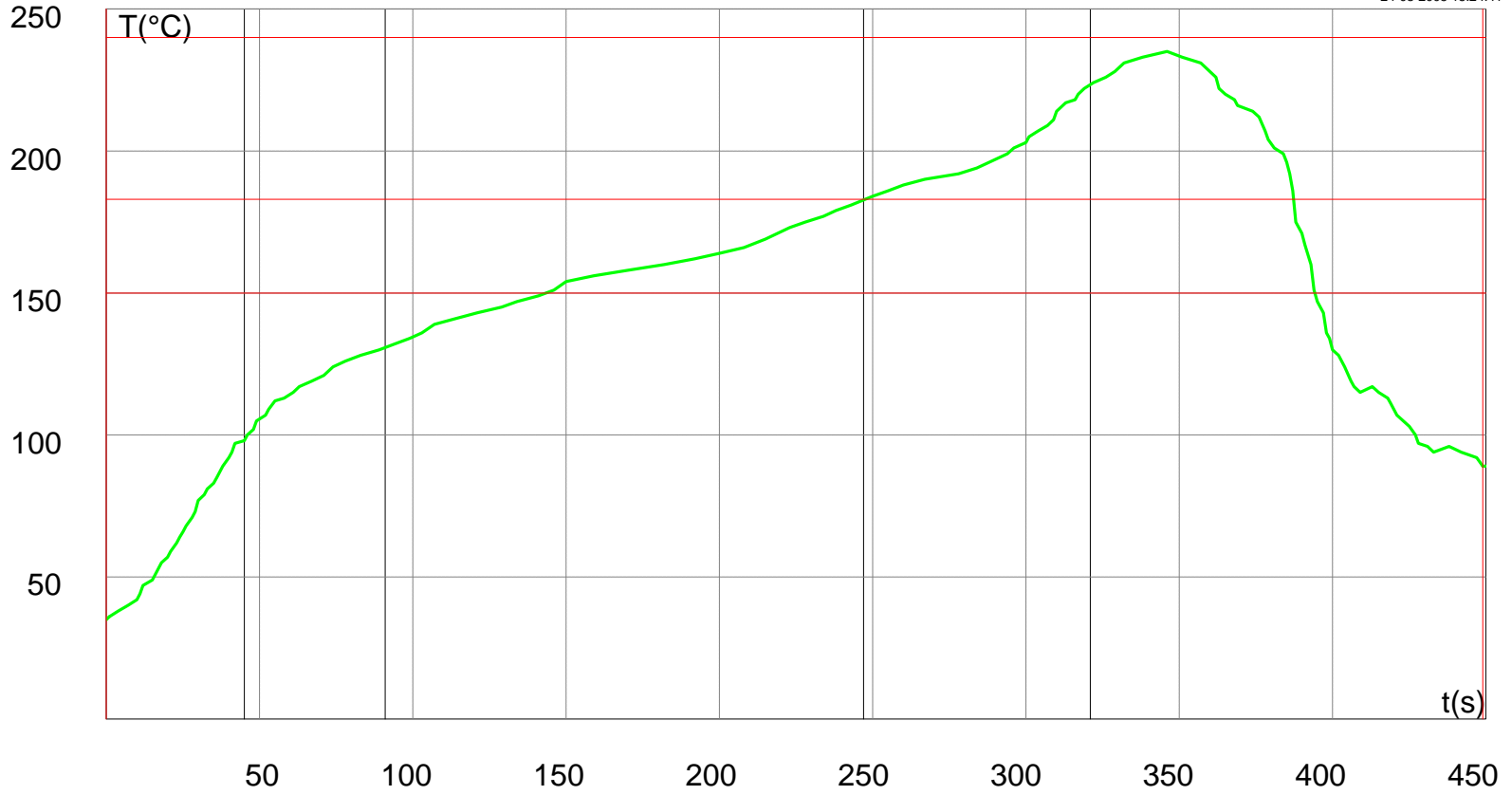


Project: IR REFLOW TEST
Company: SEMTECH CORP
Operator: SEMTECH TECHNICIAN
Process: IR REFLOW PROFILE
Product: FLIP CHIP
Created: 24-01-02 16:34:37
Updated: 22-08-05 15:01:17
Oven: SMRO-0252
Comment: Temp Range = 240°C +0 / -5 °C

| | | |
|---------------------------|--------------|--------------|
| Ventilator: OFF | | |
| Speed: 17 (cm/min) | | |
| Zones | Upper | Lower |
| #1 | 430 | 430 |
| #2 | 230 | 230 |
| #3 | 310 | 310 |
| #4 | 379 | 379 |



| Name - Probe Nr. | Max. Temp. reached, t=[0s-449s] Temp. Reached at | | Time above 150°C Reached at - Duration | | Time above 183°C Reached at - Duration | | Time above 240°C Reached at - Duration | | Max. Slope, T<150°C Slope - Reached at - Duration | | | | | | | | | |
|------------------|---|-----|---|-----------------------------|---|--------|---|-----|--|-------|-------------------------------|---|-------|-----|----|----|----|----|
| | 2713-C-3 Curve1 | 235 | 345.51 | 145.95 | 249.00 | 249.60 | 138.80 | -- | -- | 2.50 | 28 | 2 | -7.00 | 398 | 1 | | | |
| | Max. Slope, T=[150°C-183°C] | | | Max. Slope, T=[183°C-240°C] | | | Max. Slope, T>240°C | | | | | | | | | | | |
| | Slope - Reached at - Duration | | Slope - Reached at - Duration | | Slope - Reached at - Duration | | Slope - Reached at - Duration | | Slope - Reached at - Duration | | Slope - Reached at - Duration | | | | | | | |
| | 0.50 | 212 | 14 | -9.00 | 394 | 1 | 2.00 | 309 | 1 | -6.00 | 387 | 1 | -- | -- | -- | -- | -- | -- |