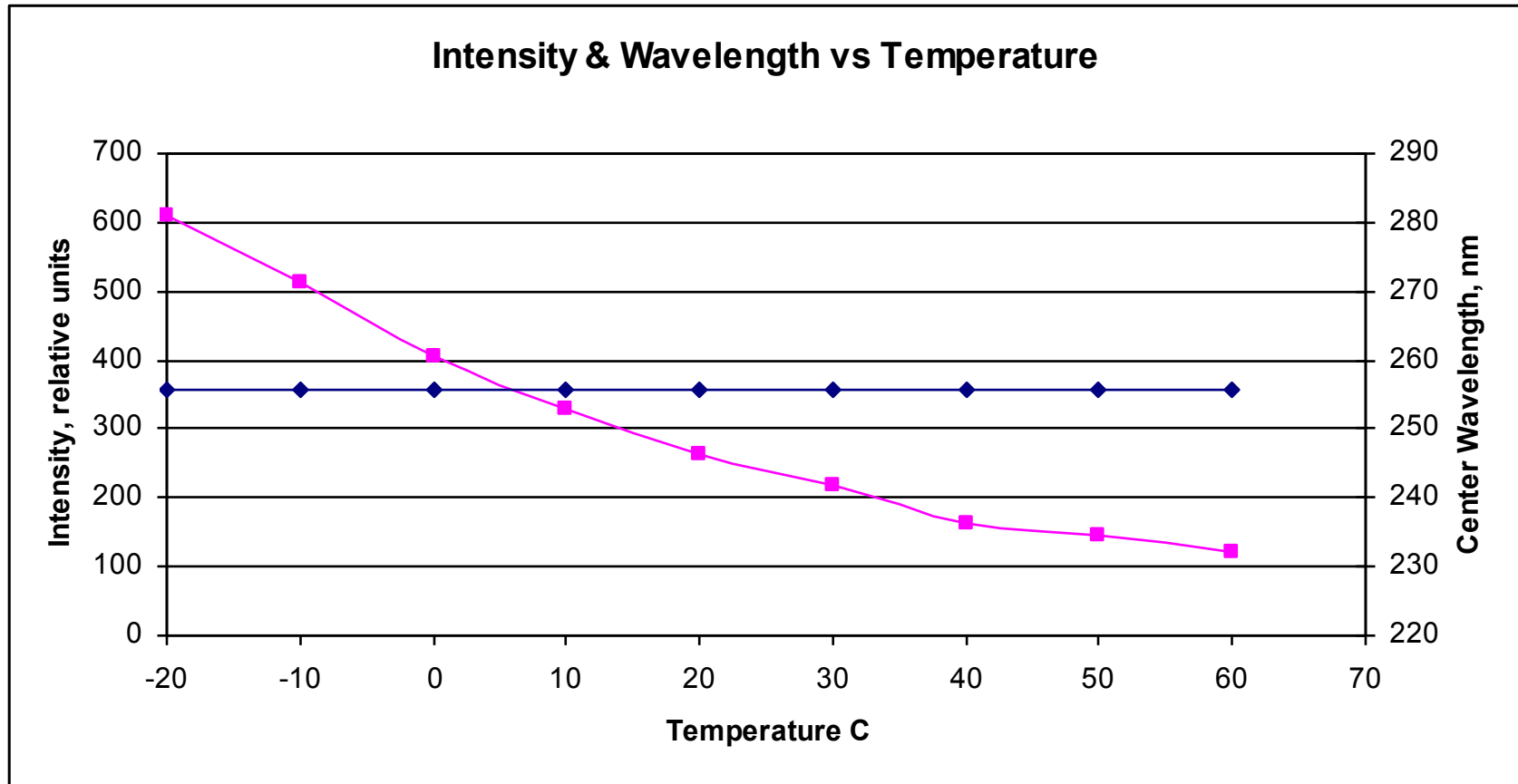
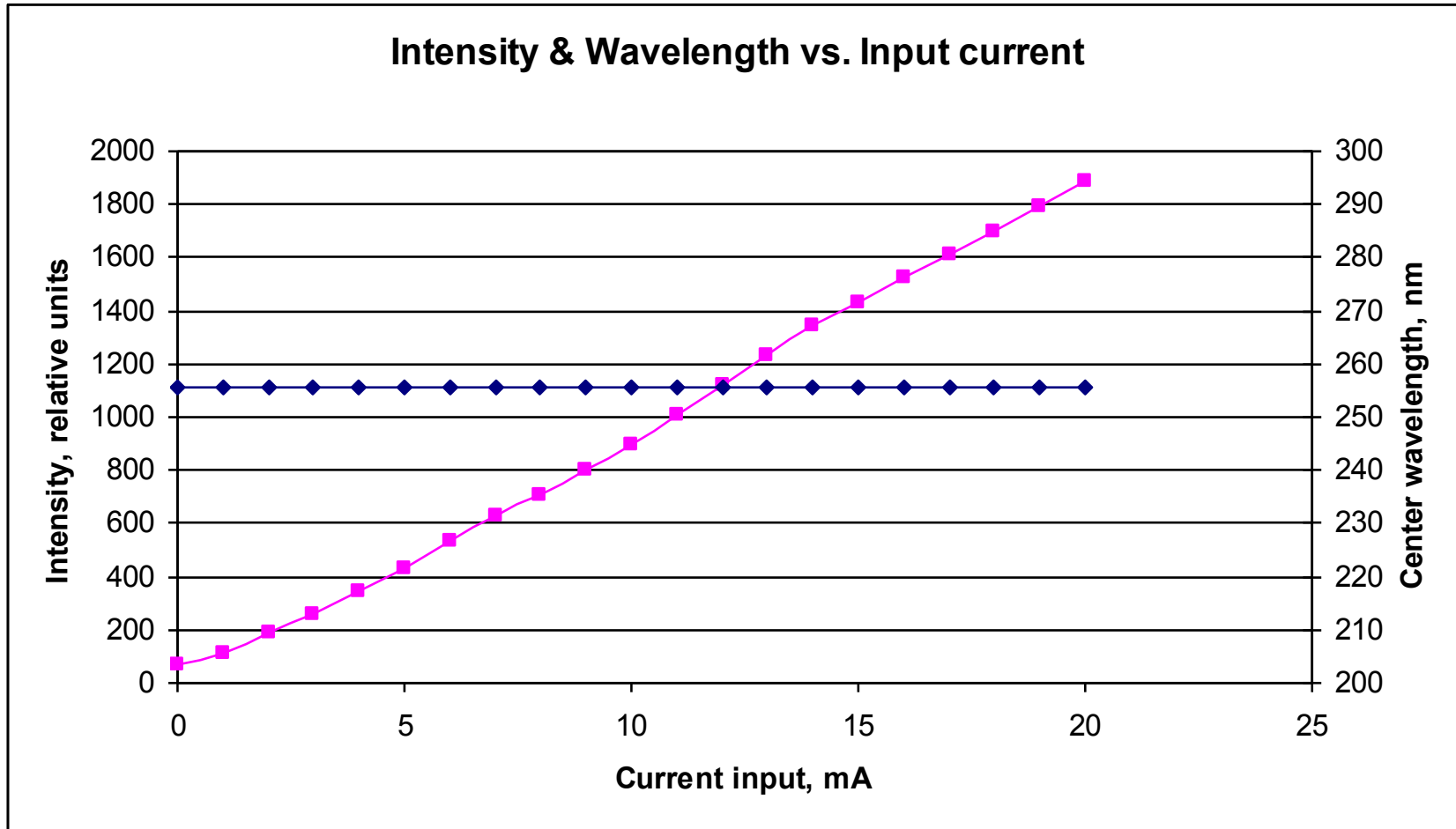


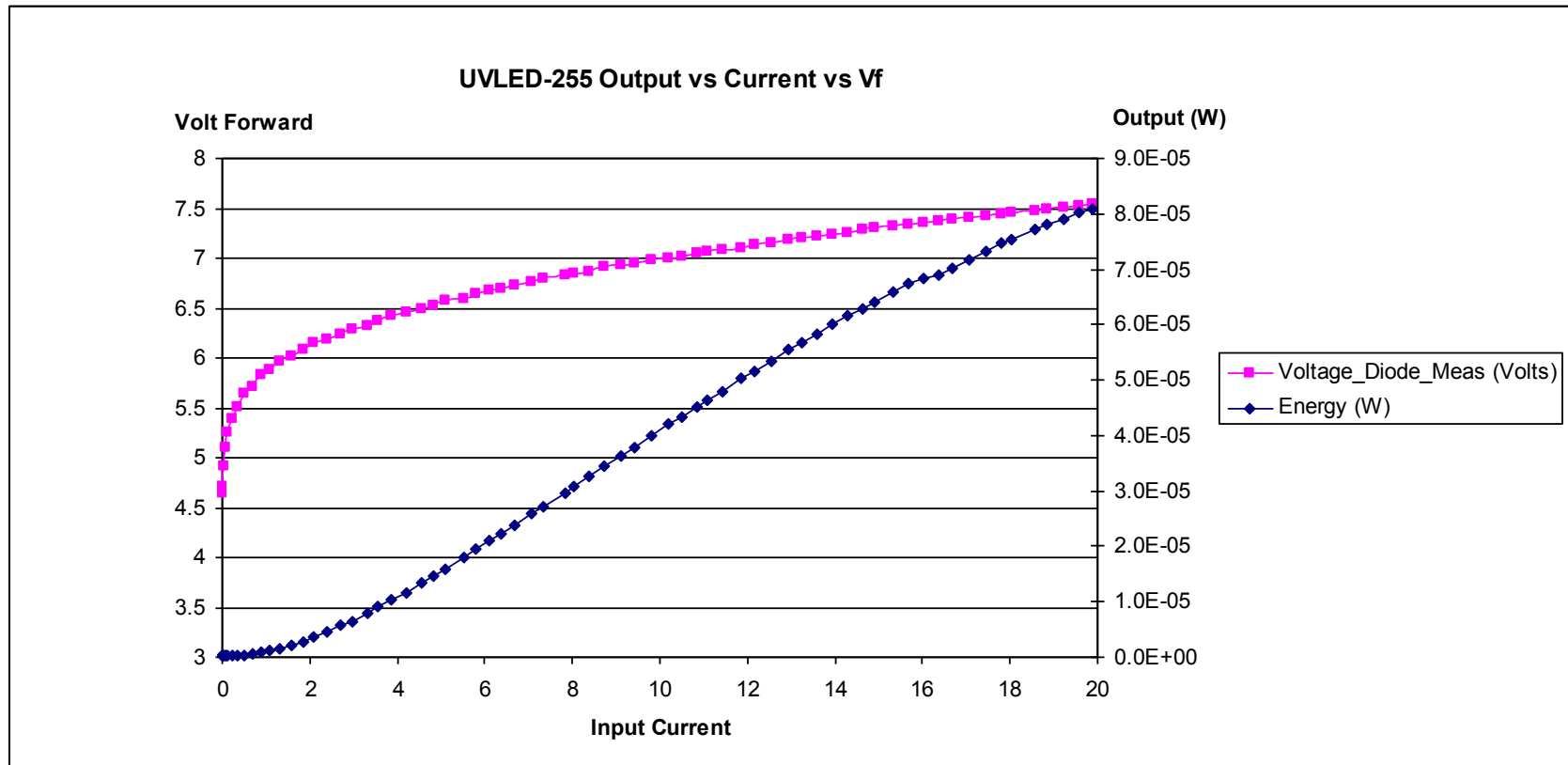
255nm LED performance information



255nm LED performance information

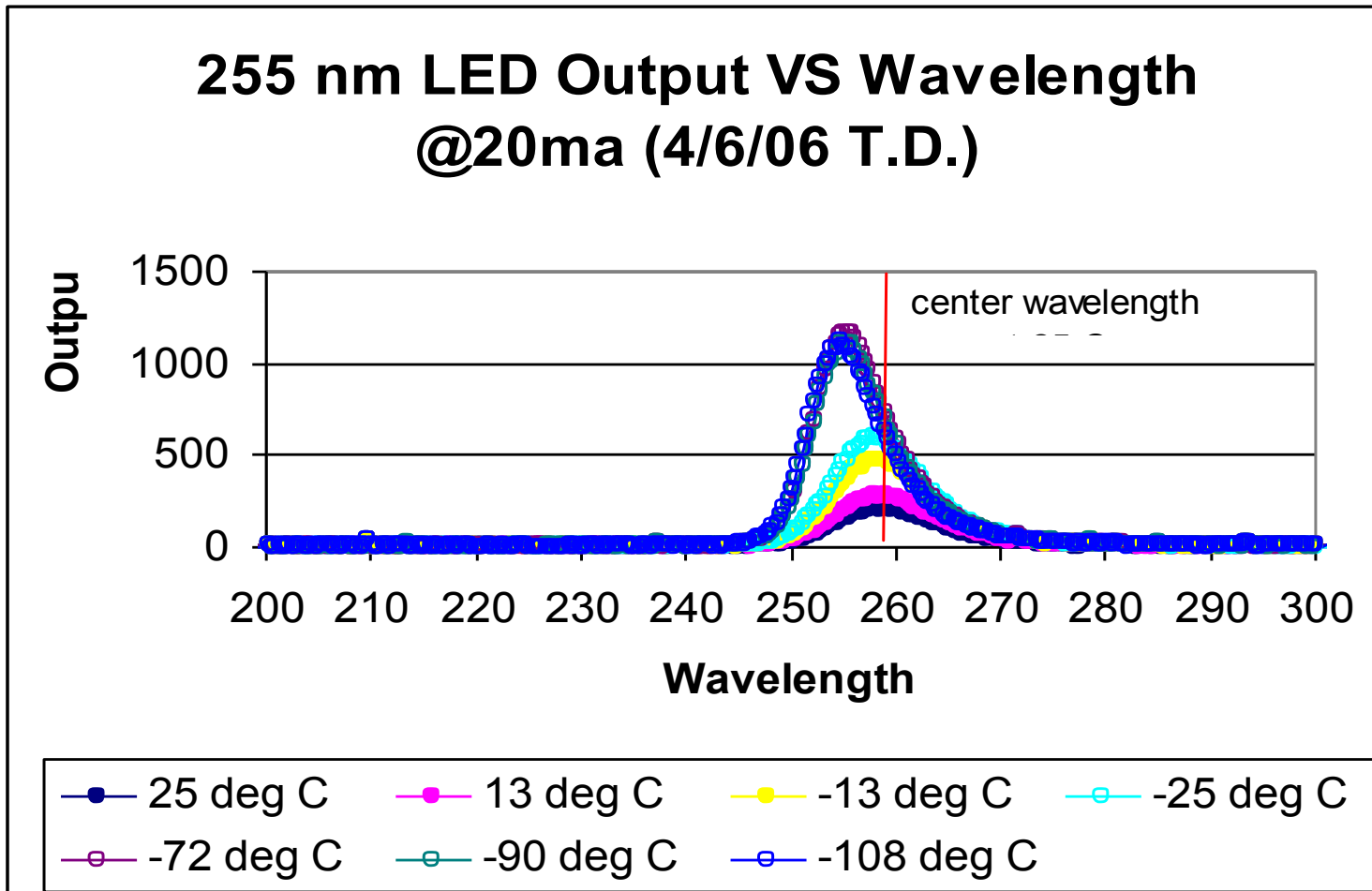


UVLED255 output vs current vs forward bias voltage



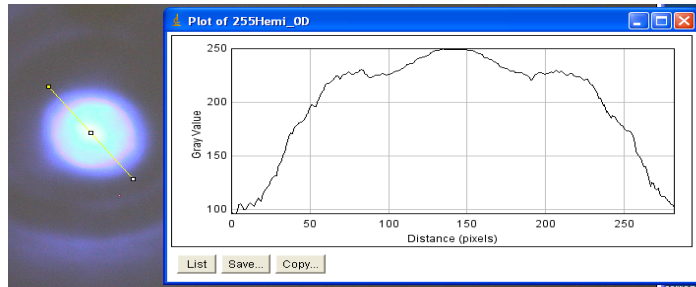
This plot shows the Forward Voltage vs. Input Current.
Also shows output as a function of forward Bias current.
All this data is at Room Temperature operation

UVLED255, Wavelength and output vs Temperature

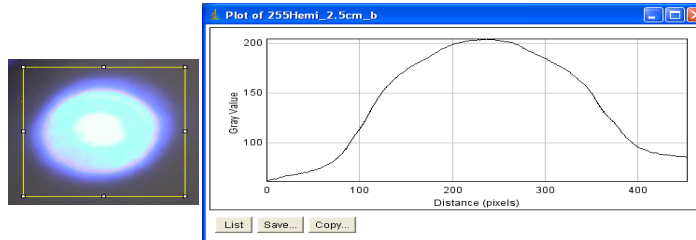


The output improved by 600% when the LED was cooled from room temperature to -108°C . In addition, there was a shift to deeper UV by over 5nm.

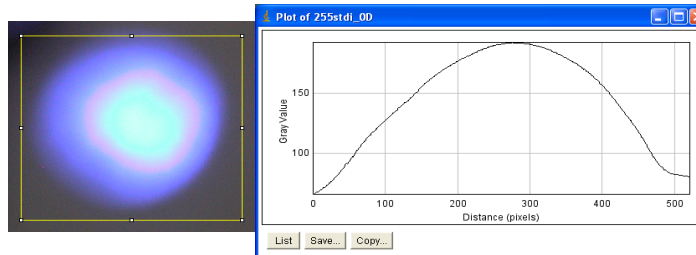
Beam Patterns



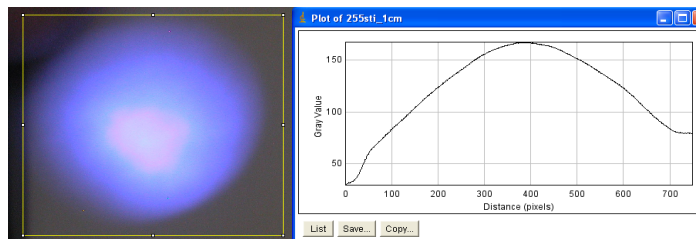
UVLED255-Hemi at 0.5cm from surface of LED



UVLED255-Hemi at 2.0cm from surface of LED

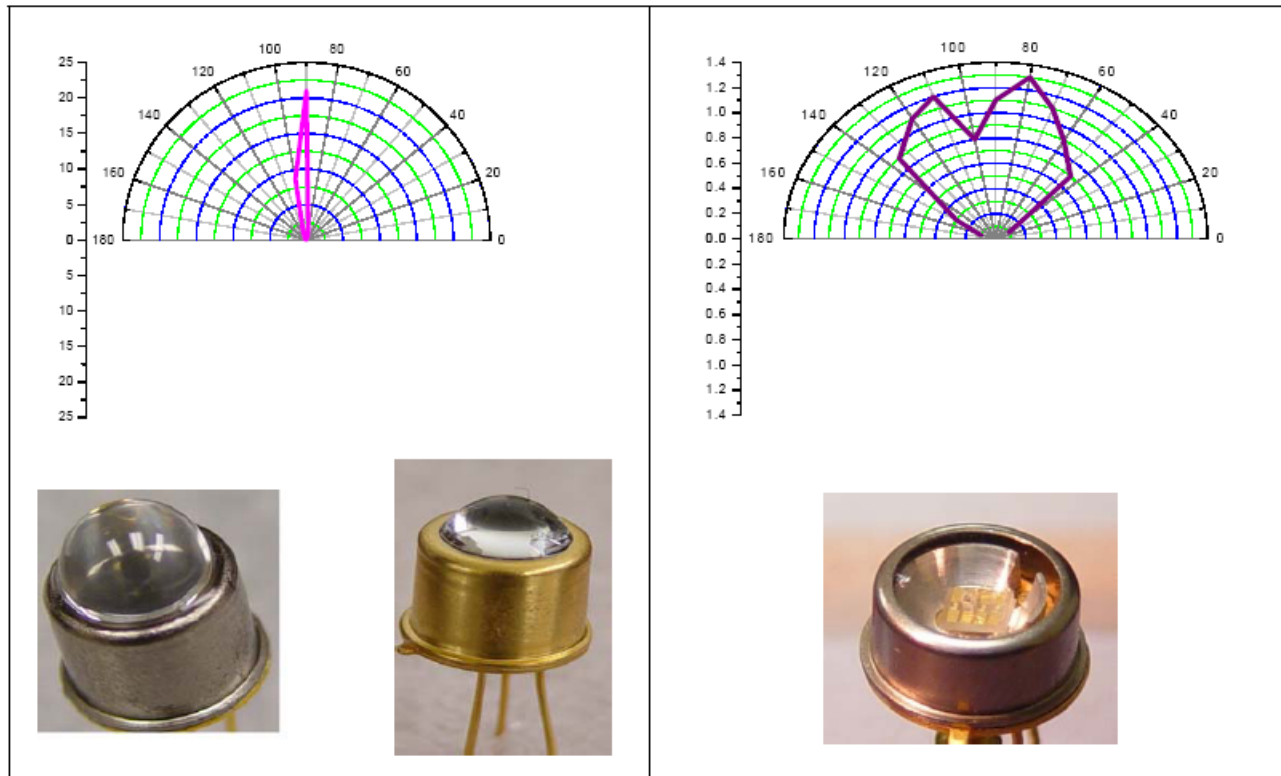


UVLED255 at surface of LED



UVLED255 at 1.0cm from surface of LED

LED Angular distribution of light



Typical angular diagrams (left: ball and hemispherical lens window; right: flat window, 2 chips)