

785nm Wavelength Stabilized Laser: Reliability Data

In the data shown below, three TO-can stabilized laser diodes were operated at 80mW at a temperature of 60 degrees Celsius for up to 5,471 hours.

Figure 1 ,2 and 3 show the wavelength versus temperature measured with an ANDO AQ-6315A Optical Spectrum Analyzer (OSA). After 5,471 hours of operation at full power and elevated temperature, the temperature range over which the laser diode is wavelength stabilized is maintained.

Figure 1

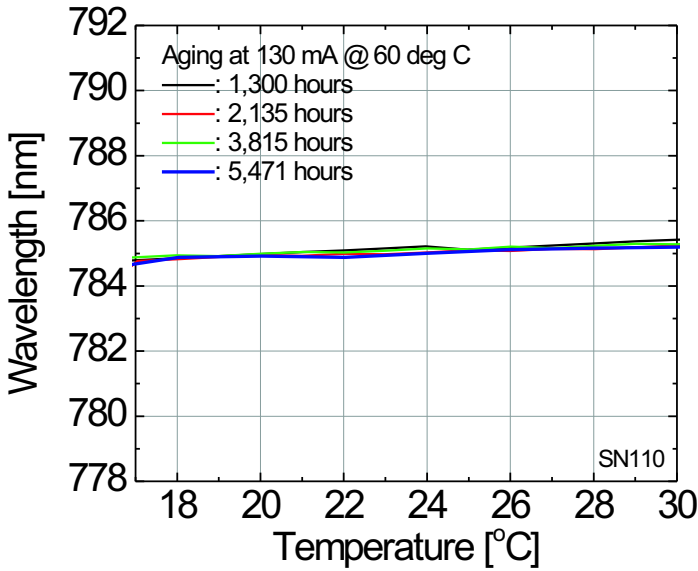


Figure 2

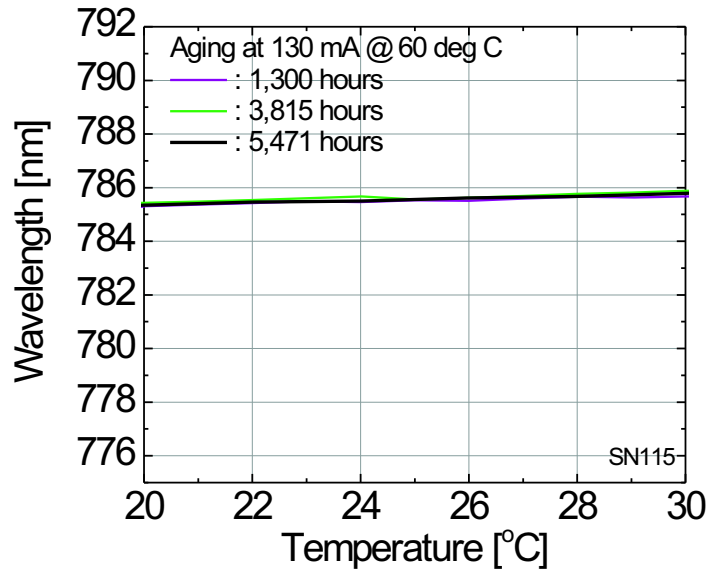


Figure 3

