SI3N4 ref measurment for AU on Waveguide – Rafael Suna

XPM

1. Device
   1. Tower, no metals 6.23.
   2. Ring #8
2. Probe
   1. Wavelength – 1556.548 nm
   2. Temperature on Tec 22.895
3. Pump
   1. RF
      1. DC 6.15V
      2. High – 5V, Low -2.39V
   2. Wavelength -1549.34nm

Slope 1

1. Device
   1. Tower, no metals 6.23.
   2. Ring #8
2. Probe
   1. Wavelength – 1556.614 nm
   2. Temperature on Tec 23.555
3. Pump
   1. RF
      1. DC 6.15V
      2. High – 5V, Low -2.39V
   2. Wavelength -1549.34nm

Slope 2

1. Device
   1. Tower, no metals 6.23.
   2. Ring #8
2. Probe
   1. Wavelength – 1556.618 nm
   2. Temperature on Tec 23.605
3. Pump
   1. RF
      1. DC 6.15V
      2. High – 5V, Low -2.39V
   2. Wavelength -1549.34nm

Slope 3

1. Device
   1. Tower, no metals 6.23.
   2. Ring #8
2. Probe
   1. Wavelength – 1556.624 nm
   2. Temperature on Tec 2.3645
3. Pump
   1. RF
      1. DC 6.15V
      2. High – 5V, Low -2.39V
   2. Wavelength -1549.34nm

Out

1. Device
   1. Tower, no metals 6.23.
   2. Ring #8
2. Probe
   1. Wavelength – 1556.646 nm
   2. Temperature on Tec 23.875
3. Pump
   1. RF
      1. DC 6.15V
      2. High – 5V, Low -2.39V
   2. Wavelength -1549.34nm