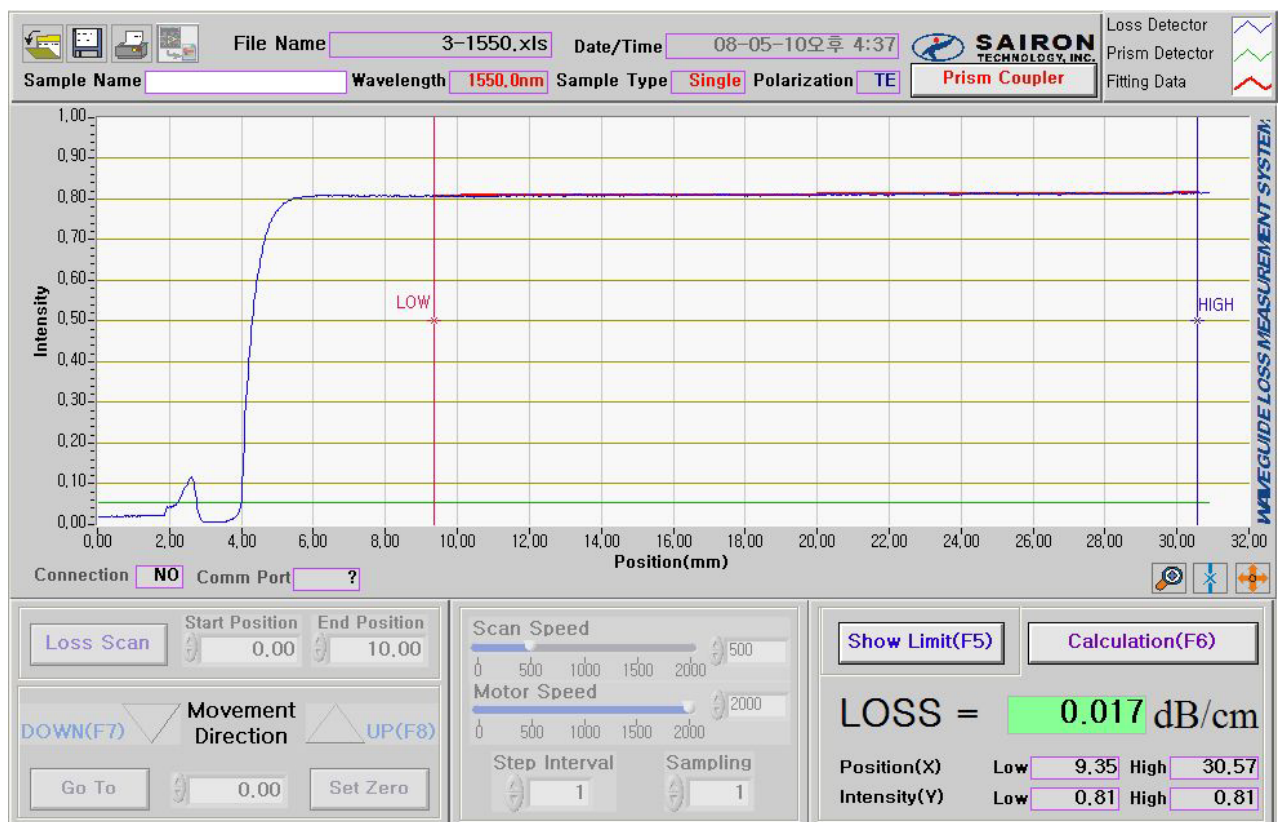


# Propagation Loss measurement Data by SPA - 4000

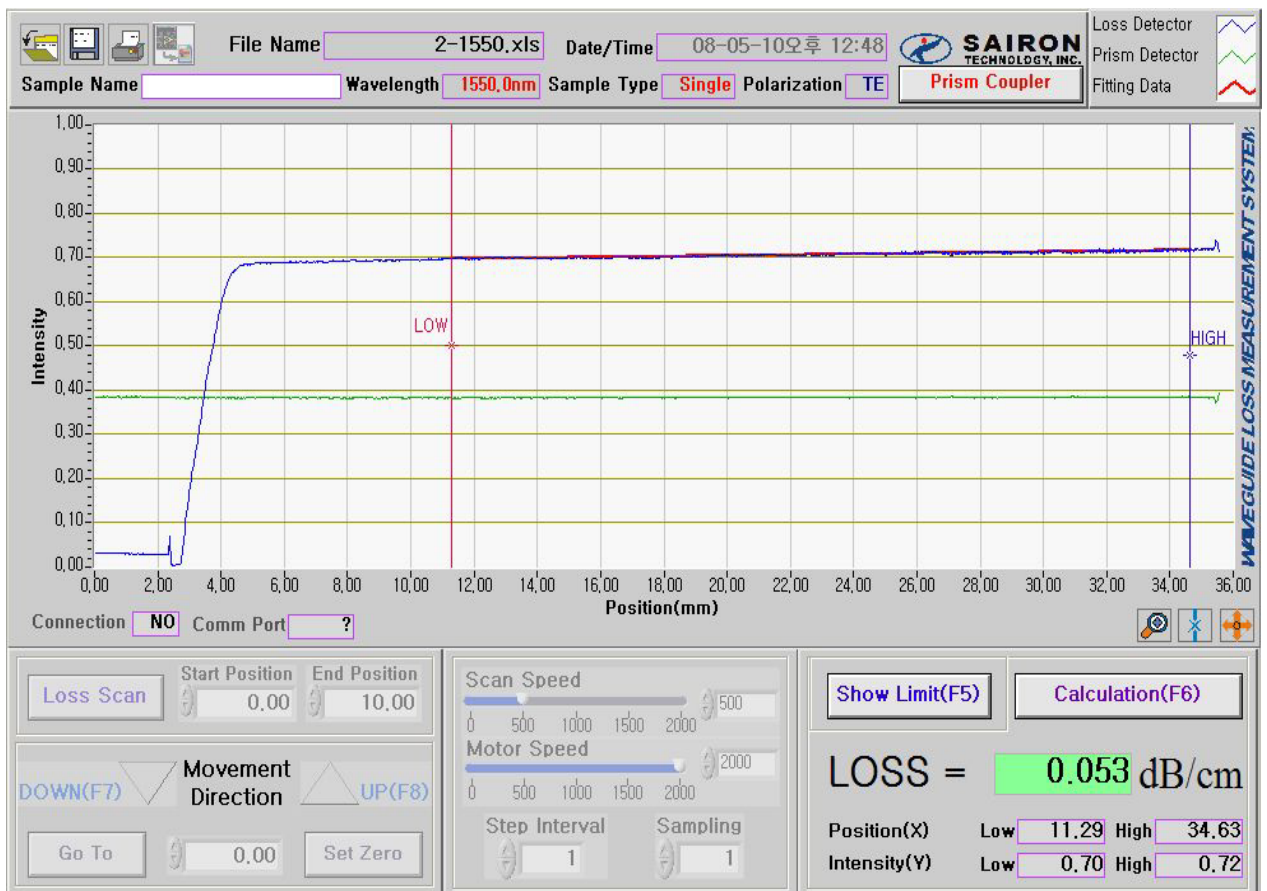
## 1. Material : Silica(SiO<sub>2</sub>)

- manufacture Method : C.V.D(Chemical Vapor Deposition)
- Application field : Optical communication device(splitter)
- Measurement data (0.017dB/cm at 1550nm)



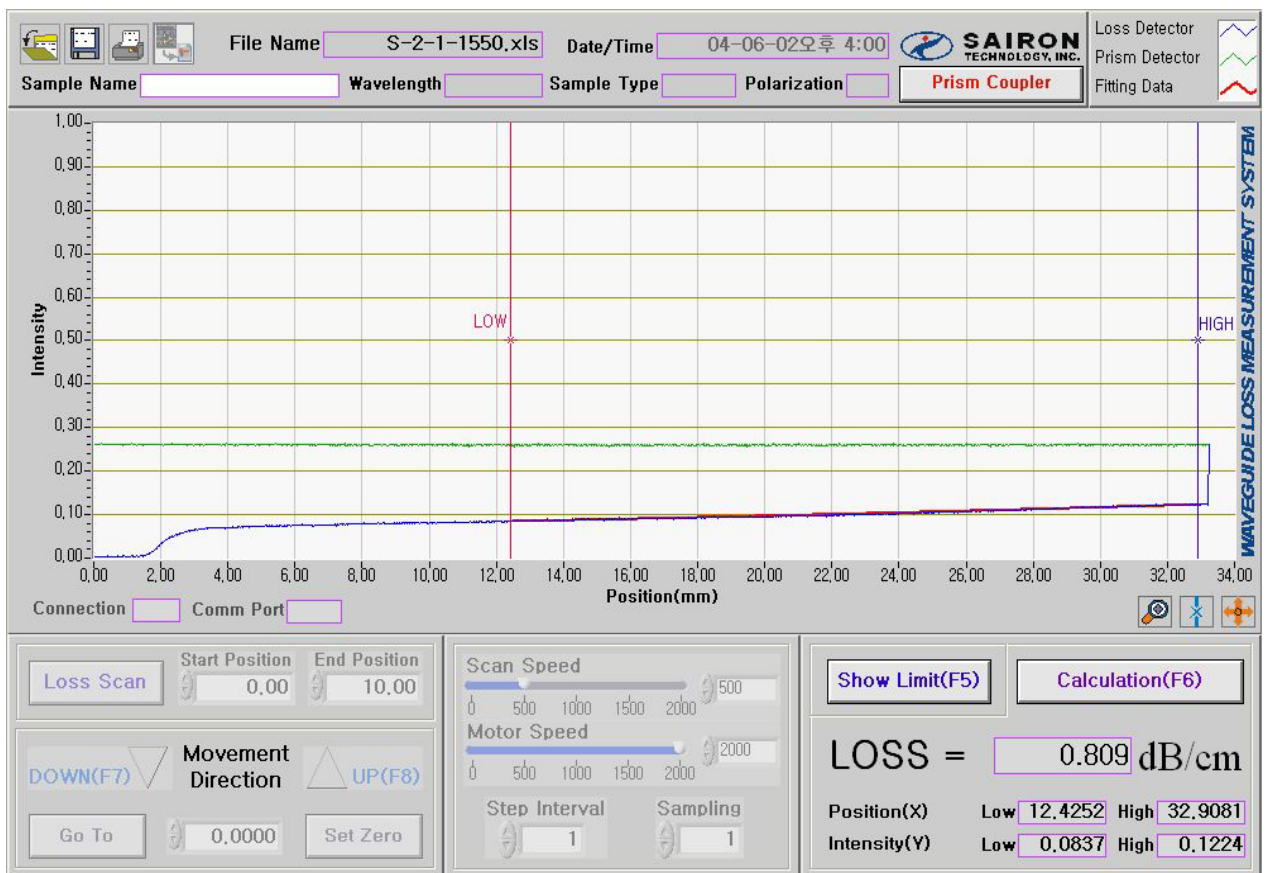
## 2. Material : Silica(SiO<sub>2</sub>)

- manufacture Method : F.H.D (Flame Hydrolysis Deposition)
- Application field : Optical communication device(AWG)
- Measurement data (0.053dB/cm at 1550nm)



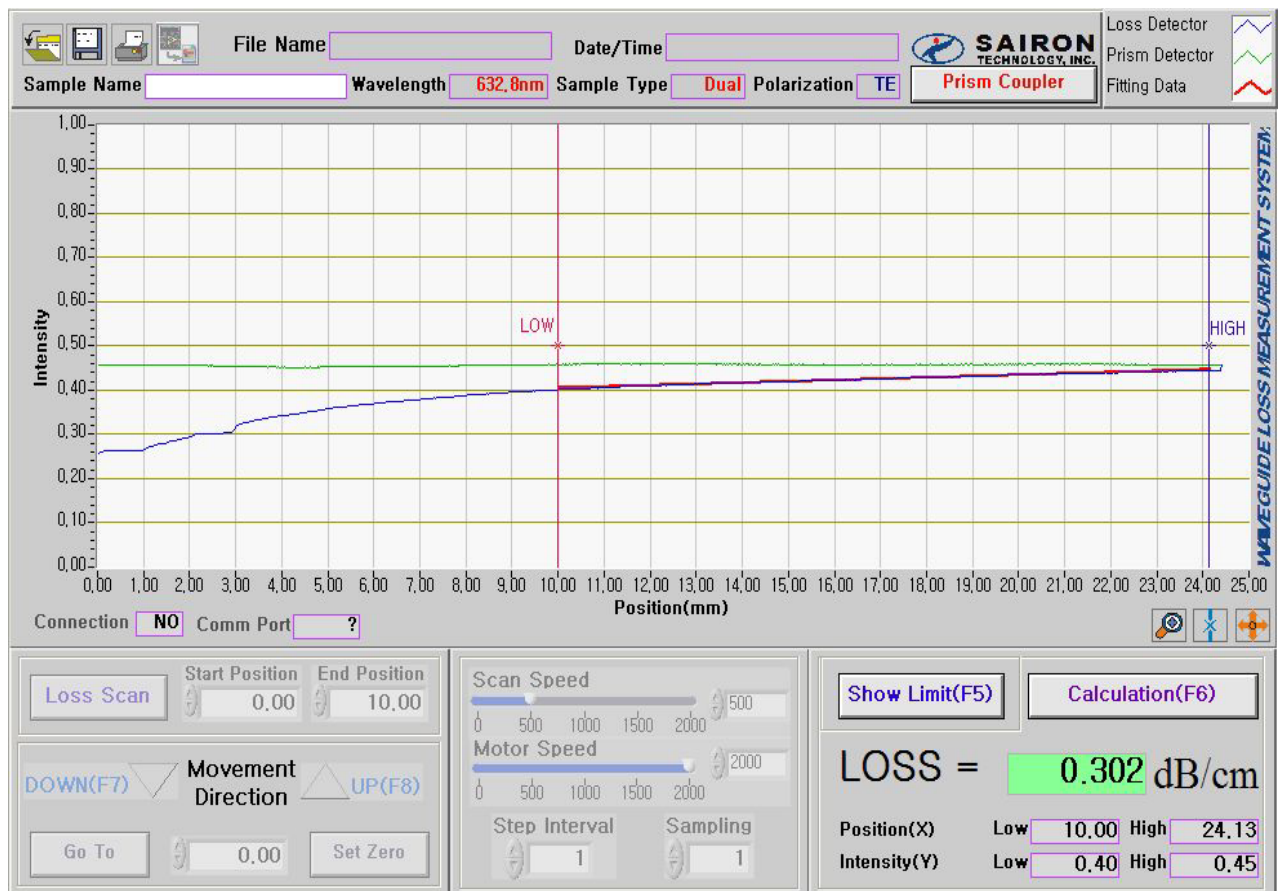
### 3. Material : Polymer

- Manufacture Method : Spin coating
- Application field : Research of Polymer properties
- Measurement data (0.809dB/cm at 1550nm)



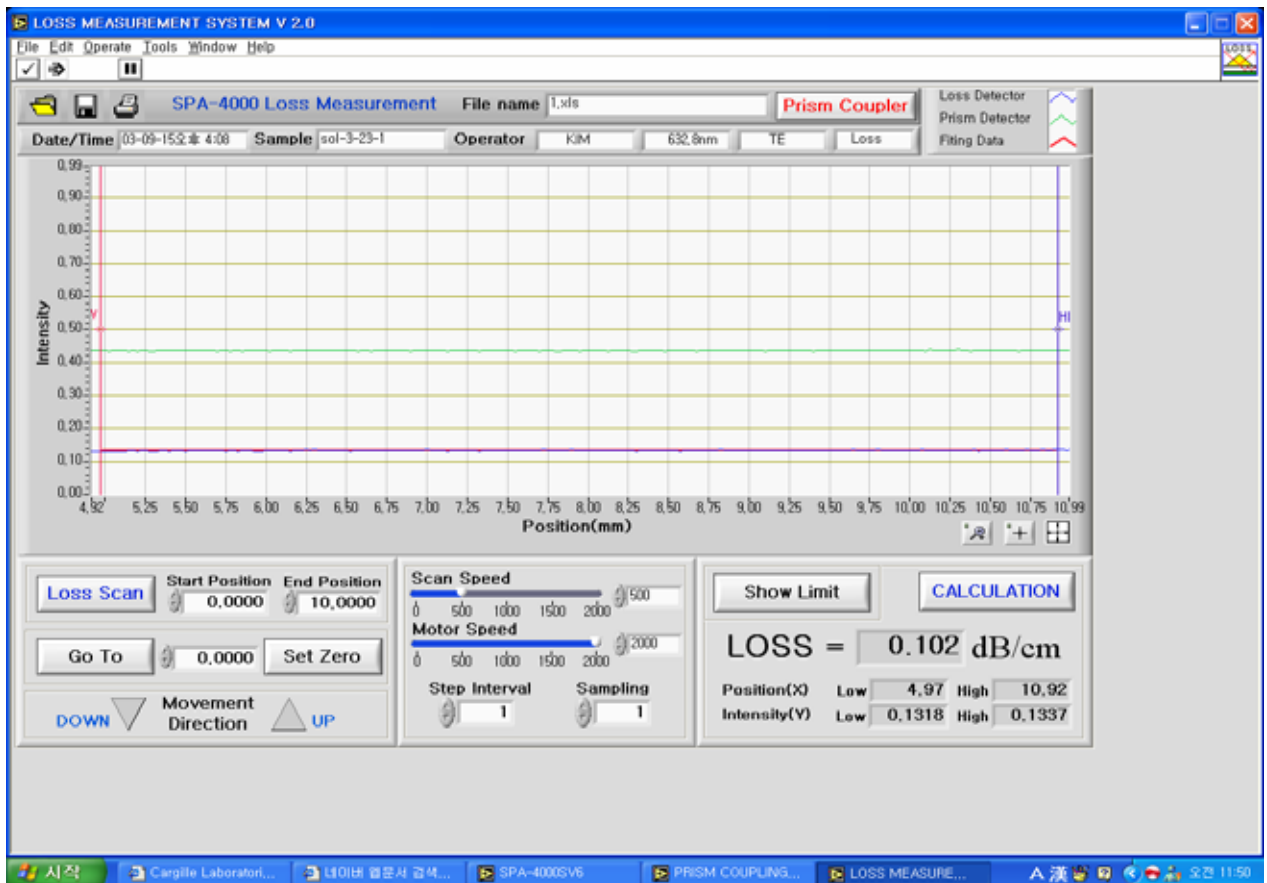
#### 4. Material : Polymer

- Manufacture Method : Spin coating
- Application field : Optical Communication system(Optical switches)
- Measurement data (0.302dB/cm at 632.8nm)



## 5. Material : Polymer

- Manufacture Method : Spin coating
- Application field : Display
- Measurement data (0.102dB/cm at 632.8nm)



## 6. Material : Polymer

- Manufacture Method : Spin coating
- Application field : Optical Communication material
- Measurement data (0.832dB/cm at 1310nm)

