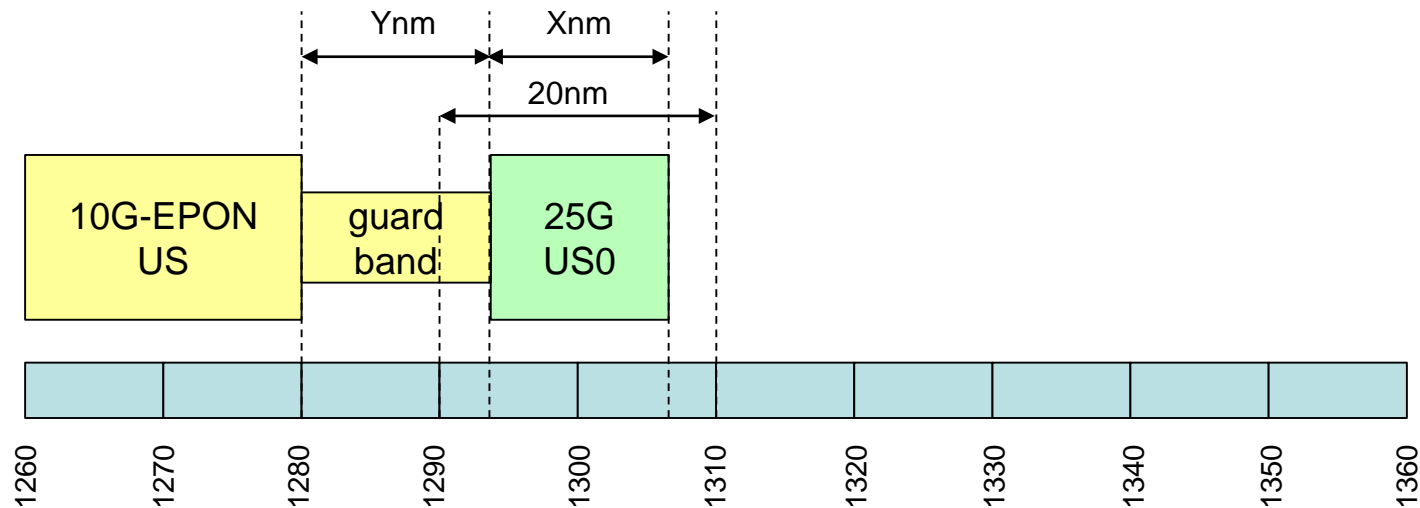


# **(just one more) Wavelength Plan**

# wavelength plan to shoot at



- ❑ Use <20nm band for US0 targeting \*indoor\* applications and reduced temperature range (how reduced, TBD)
  - Move US0 away from zero dispersion band as needed (Ynm)
  - Size US0 to provide minimum required guard band from 10G-EPON US (Xnm)
  - Size US0 to support indoor applications only (10C – 40C)? (Xnm)
- ❑ Extended temperature applications can be addressed via cooled lasers
  - Part of normal business, even today
- ❑ US1, US2, US3 within guard band / over 10G-EPON US band as needed
  - By the time we have 50G-EPON, 10G-EPON can be either TDMed with next generation systems or replaced with higher speed devices
  - Specific location / bandwidth for individual channels TBD right now