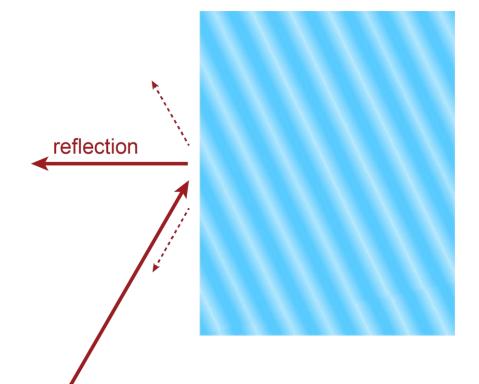


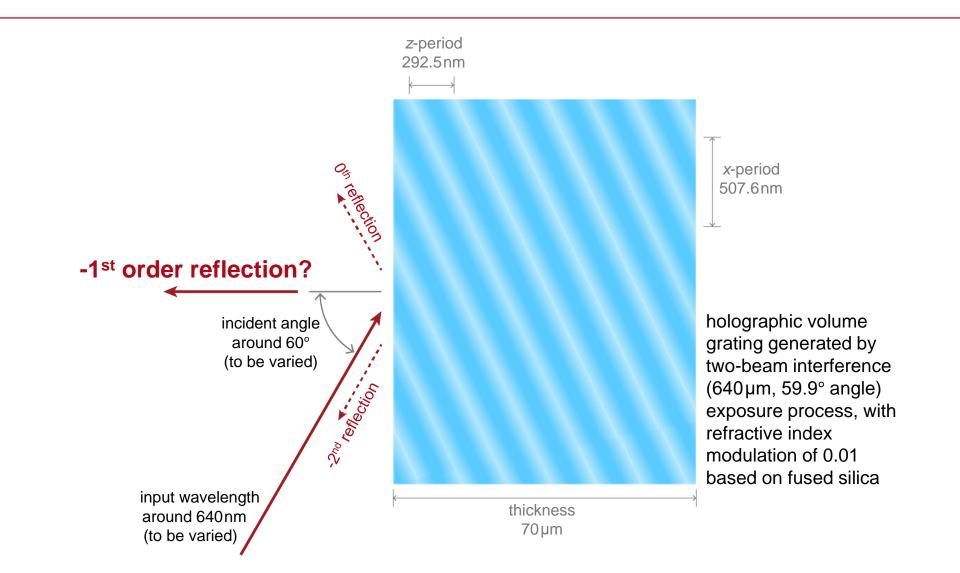
## **Rigorous Simulation of Holographic Generated Volume Grating**

#### Abstract

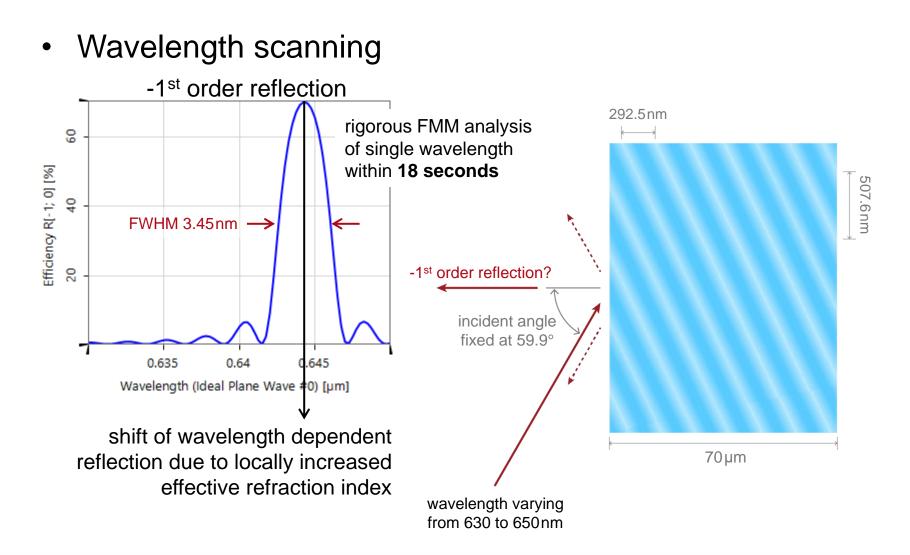


Holographic generated volume gratings, with a thickness much larger than the wavelength, often shows a narrow bandwidth around particular wavelength and angle. Following the two-beam interference exposure process, a volume grating inside fused silica is generated and simulated with the rigorous Fourier modal method (FMM) in VirtualLab. Both the spectral and angular dependent reflection property of the grating are analyzed.

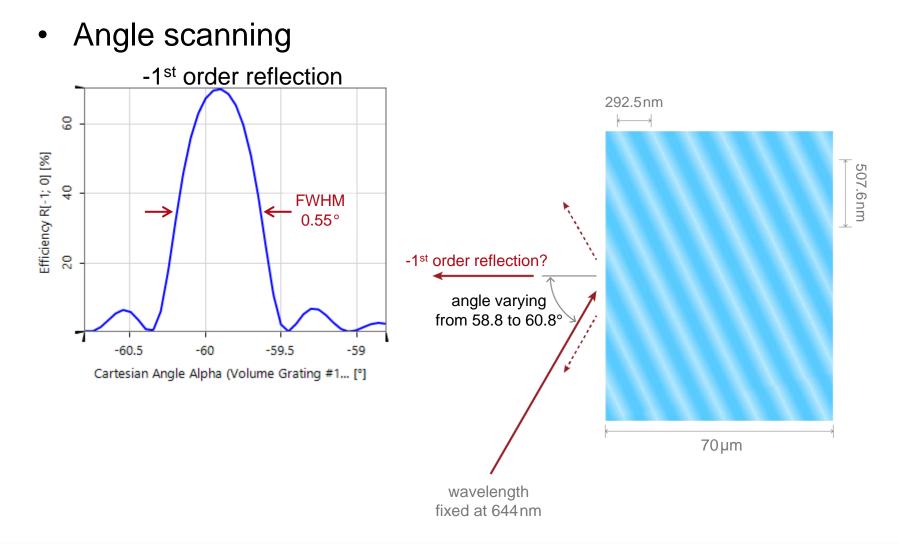
# **Modeling Task**



## **Results**



#### **Results**



## **Document Information**

title	Rigorous Simulation of Holographic Generated Volume Grating
version	1.0
VL version used for simulations	7.0.3.4
category	Technology Use Case