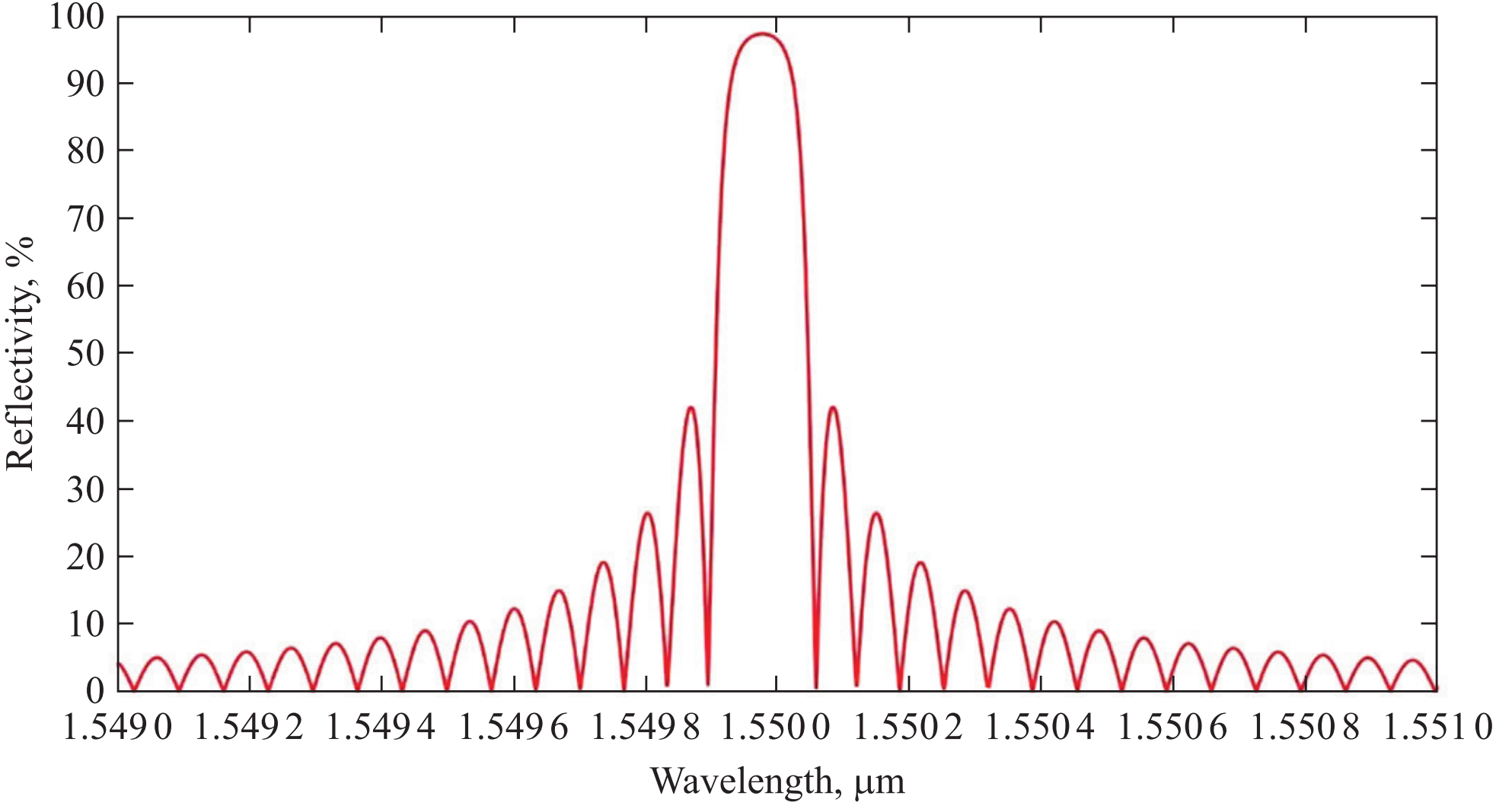

Fig. 2. Reflectivity of a uniform periodic fiber gratings with number of periods $N = 22\,620$ and $\Delta n_{co} = 0.000\,1$, leading to a total reflection 97 % with narrow central peak wavelength 1550 nm