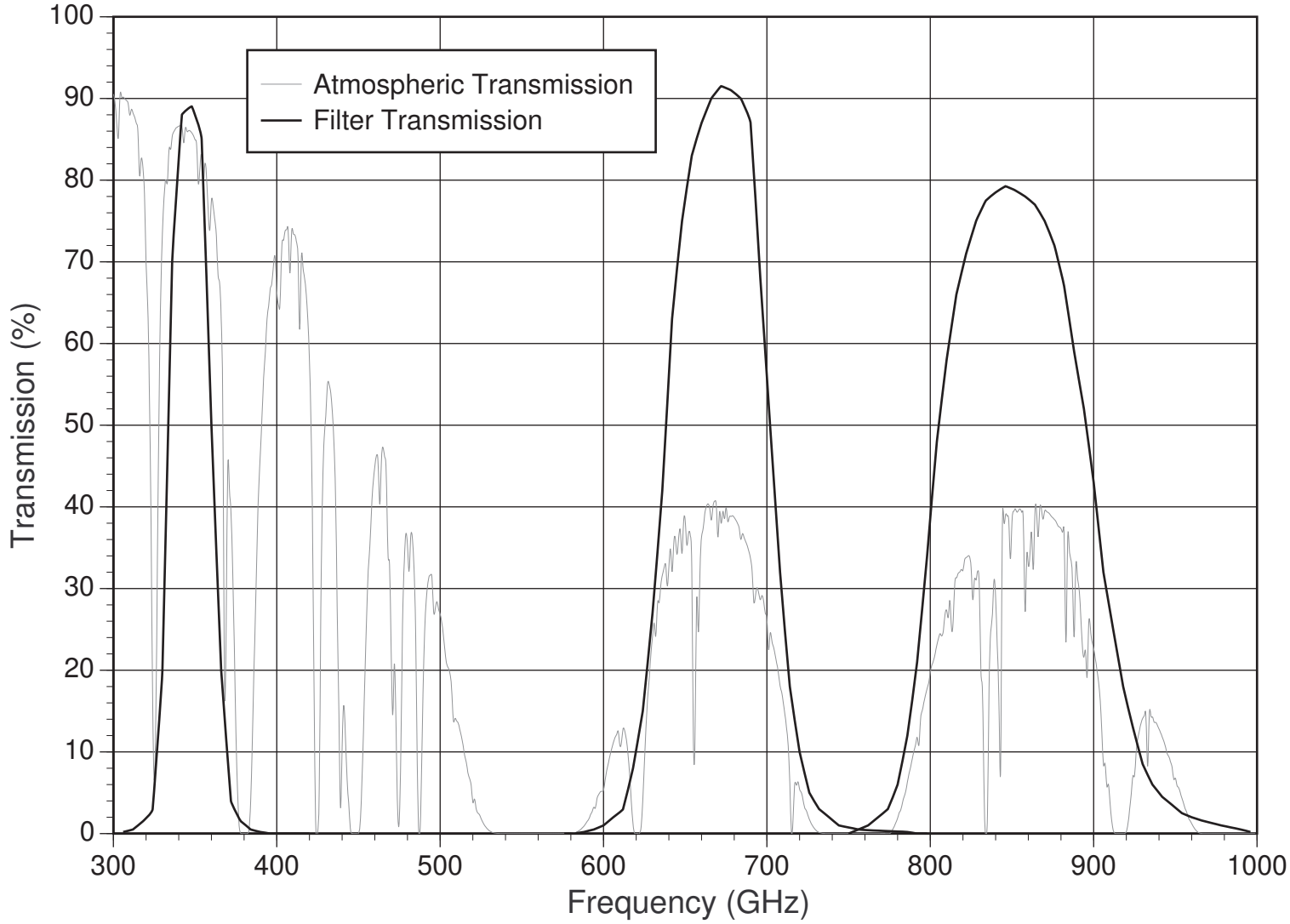
SHARC Filter Transmission Curves

Nominal 350μm, 450μm, 870μm Filters



870 μm Filter:
Effective Wavelength (Frequency):
871.4 μm (344.3 GHz) with β = 0
870.6 μm (344.6 GHz) with β = 1
869.7 μm (344.9 GHz) with β = 2
Bandwidth 74.2 μm (29.4 GHz)

450 μm Filter:
Effective Wavelength (Frequency):
448.9 μm (668.3 GHz) with β = 0
448.3 μm (669.2 GHz) with β = 1
447.6 μm (670.2 GHz) with β = 2
Bandwidth 45.5 μm (67.9 GHz)

350 μm Filter:
Effective Wavelength (Frequency):
353.2 μm (849.4 GHz) with β = 0
352.4 μm (851.3 GHz) with β = 1
351.7 μm (853.0 GHz) with β = 2
Bandwidth 42.6 μm (102.9 GHz)