

For ATR, it is well-known that the effective thickness for p-polarized light is nearly twice that for s-polarized light at a 45° incident angle. Thus the band intensities measured for a given sample with p-polarized light should be approximately twice that recorded for s-polarization. For details, please see our applications note on [Correlating the Polarizer Indicator to S- and P-Polarization via ATR](#).