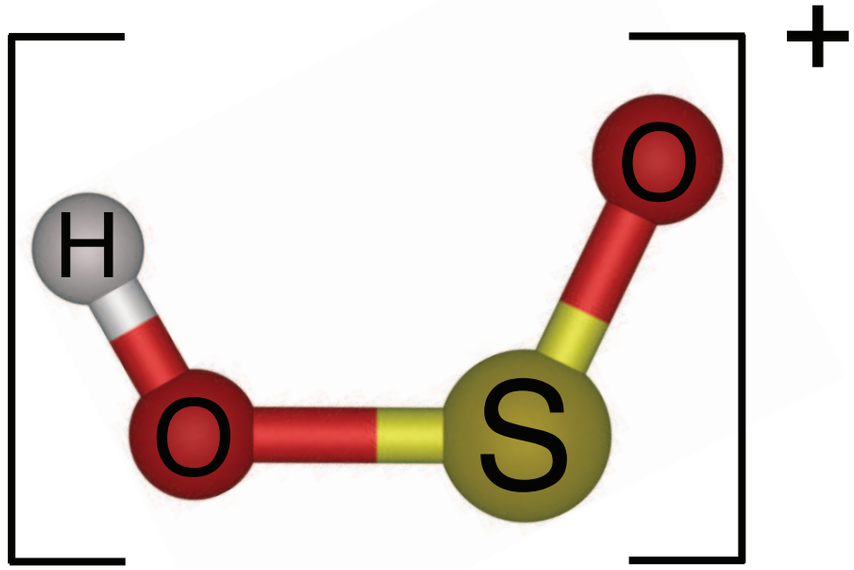
$T_{rot} = 50$ K




0 250 500 750 1000

Frequency (GHz)