	Earth	Venus
Magnetic field $\boldsymbol{B}$	3.0×10^5 nT	1.0×10 nT
Electron density n_e	1.2×10^5 cm^{-3}	2.9×10^5 cm^{-3}
Electron gyrofrequency f_{ge}	8.4×10^4 Hz	2.8×10^2 Hz
Electron-neutral collision frequency ν_{en}	1.3×10^3	2.5×10^2
Electron Pedersen conductivity $\sigma_{p,e}$	6.2×10^{-4} S m^{-1}	1.4×10^1 S m^{-1}
Ion gyrofrequency f_{gi}	3.9×10^1 Hz	1.3×10^{-2} Hz
Ion-neutral collision frequency ν_{in}	5.0×10^1	1.1×10 Hz
Ion Pedersen conductivity $\sigma_{p,i}$	2.3×10^{-3} S m^{-1}	3.5×10^{-2} S m^{-1}