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SONG solar campaign 2018

Determination of the global asteroseismic parameters of the Sun using SONG



STELLAR ASTROPHYSICS CENTRE



AARHUS UNIVERSITET



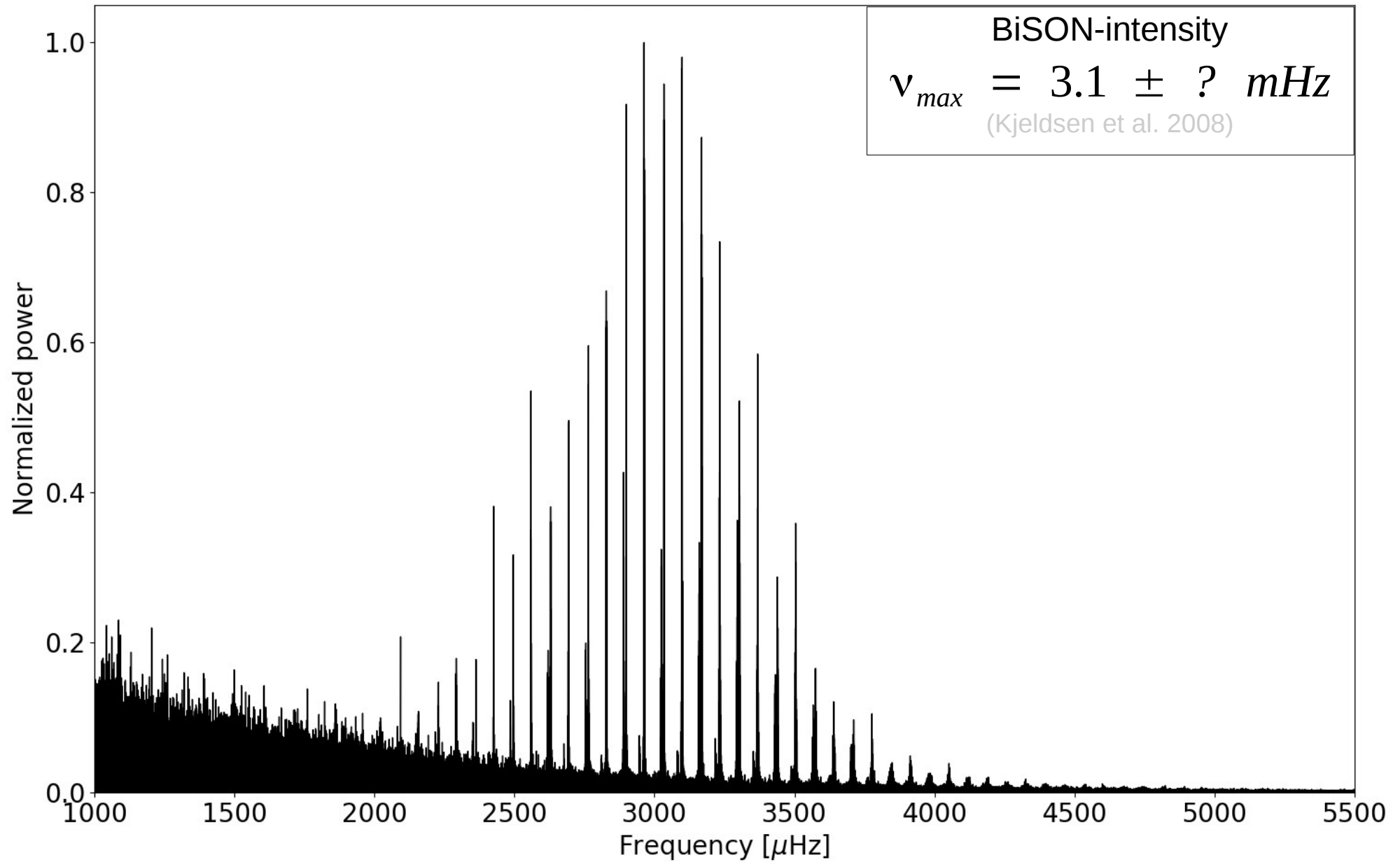
Determination of global asteroseismic values for the Sun using SONG

1. ν_{\max}

2. $\Delta\nu$

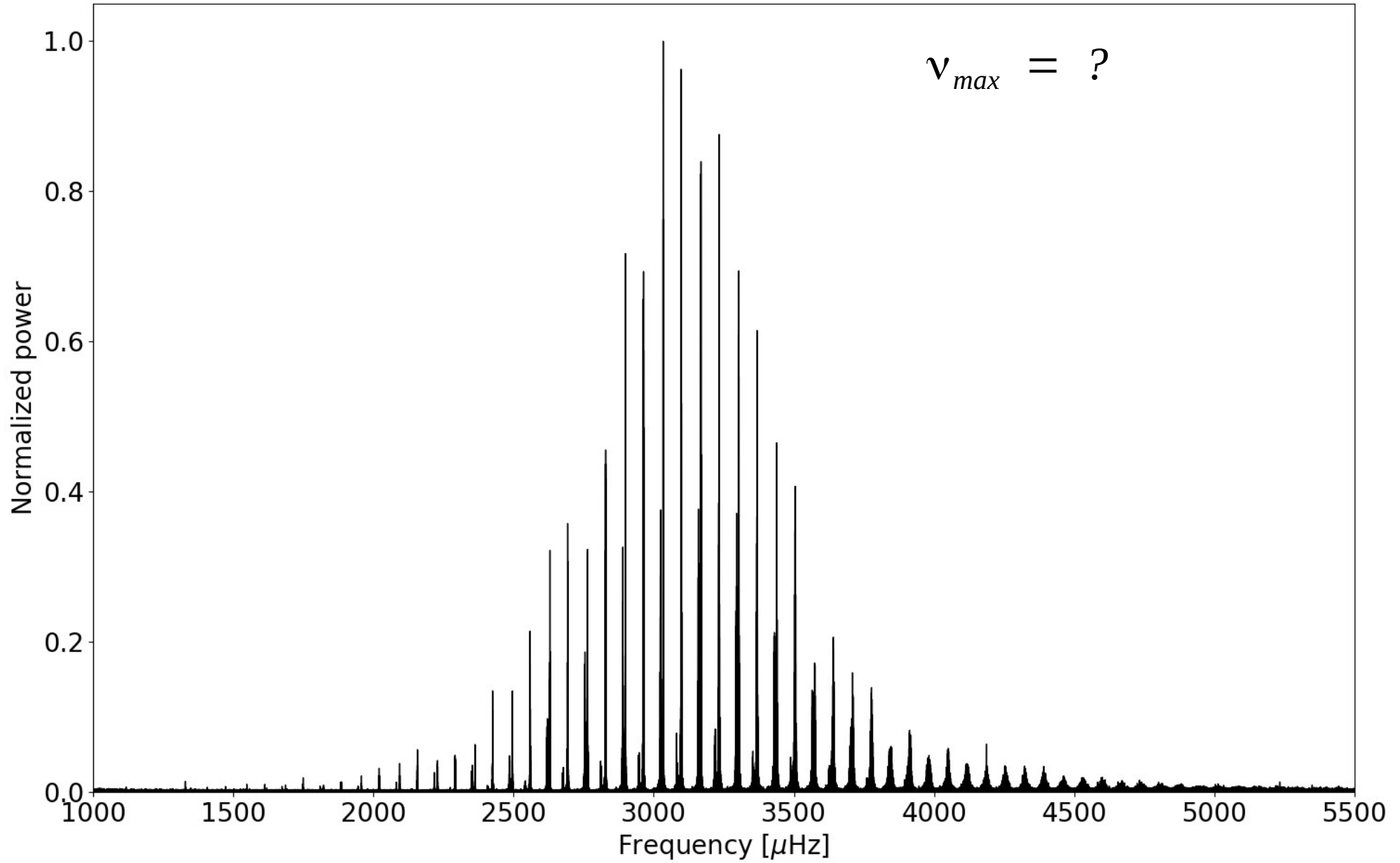
Scaling relations

SoHO – VIRGO Intensity

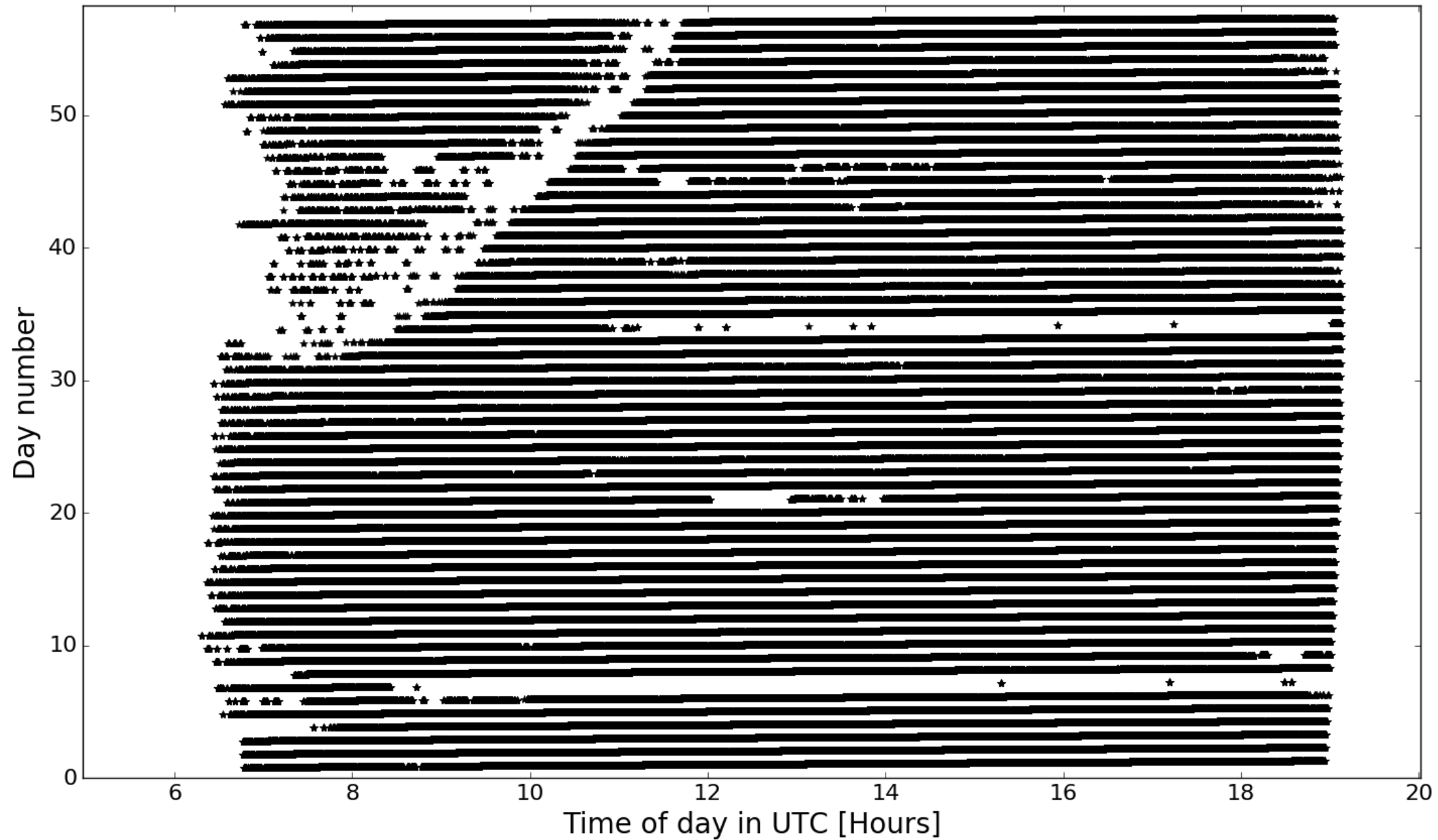


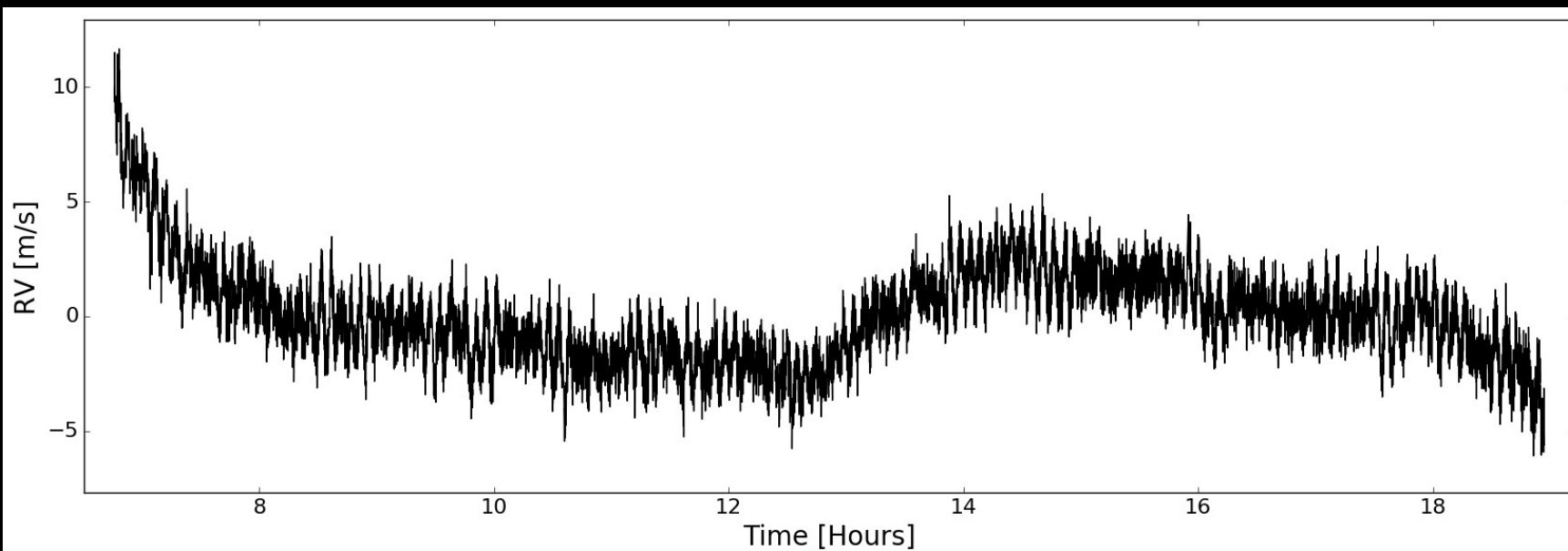
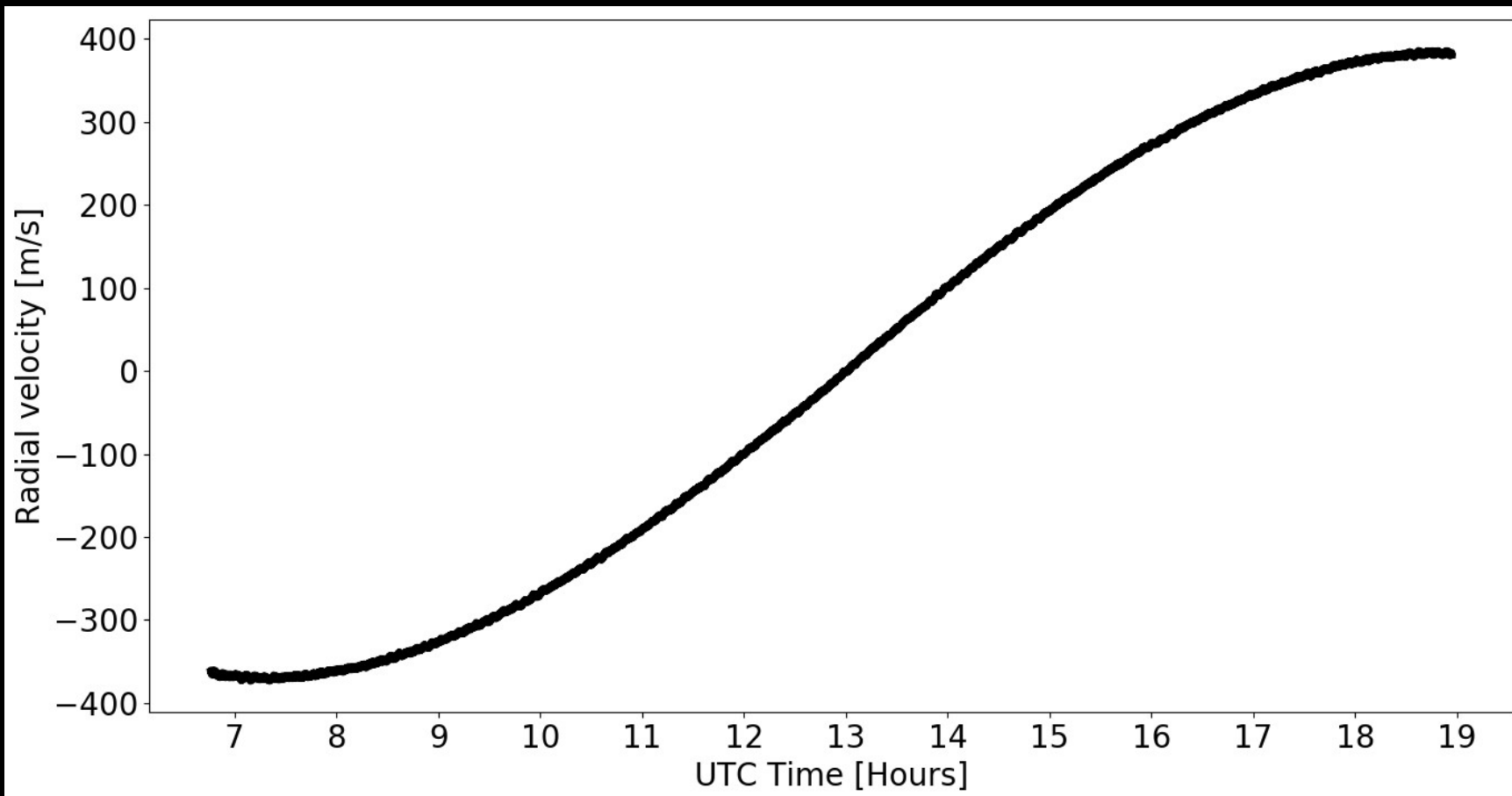
SoHO – GOLF

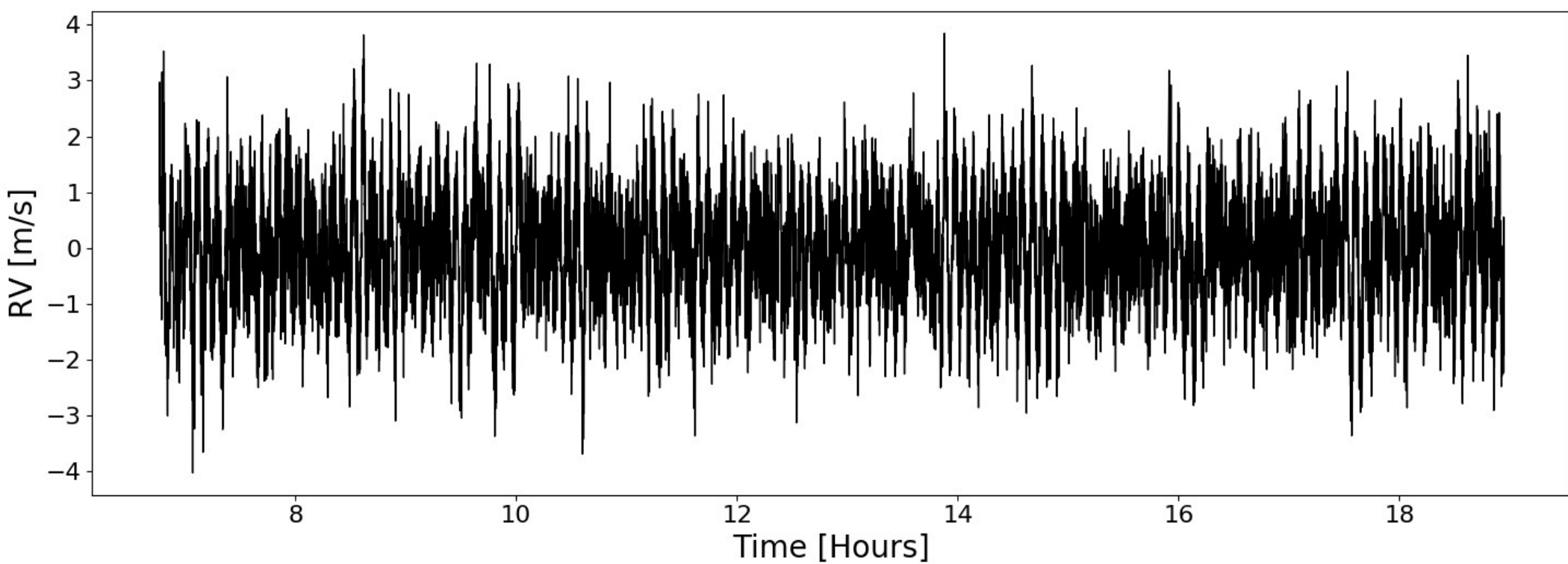
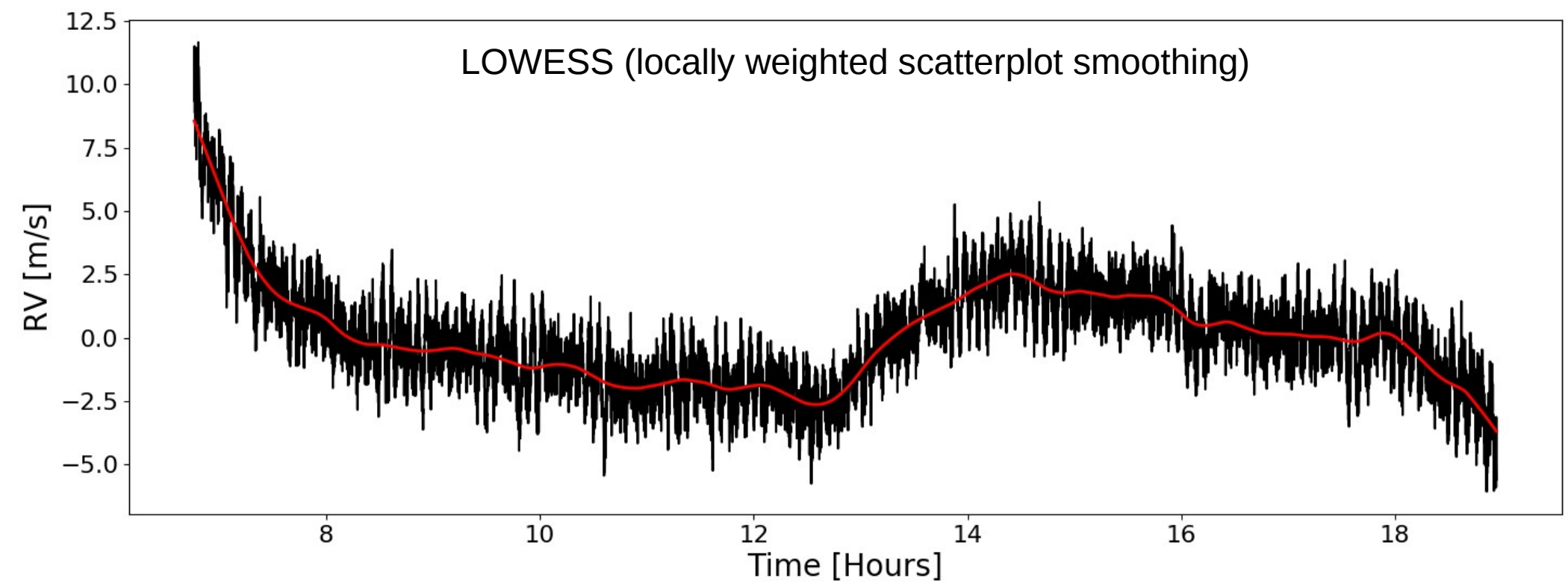
Radial velocity

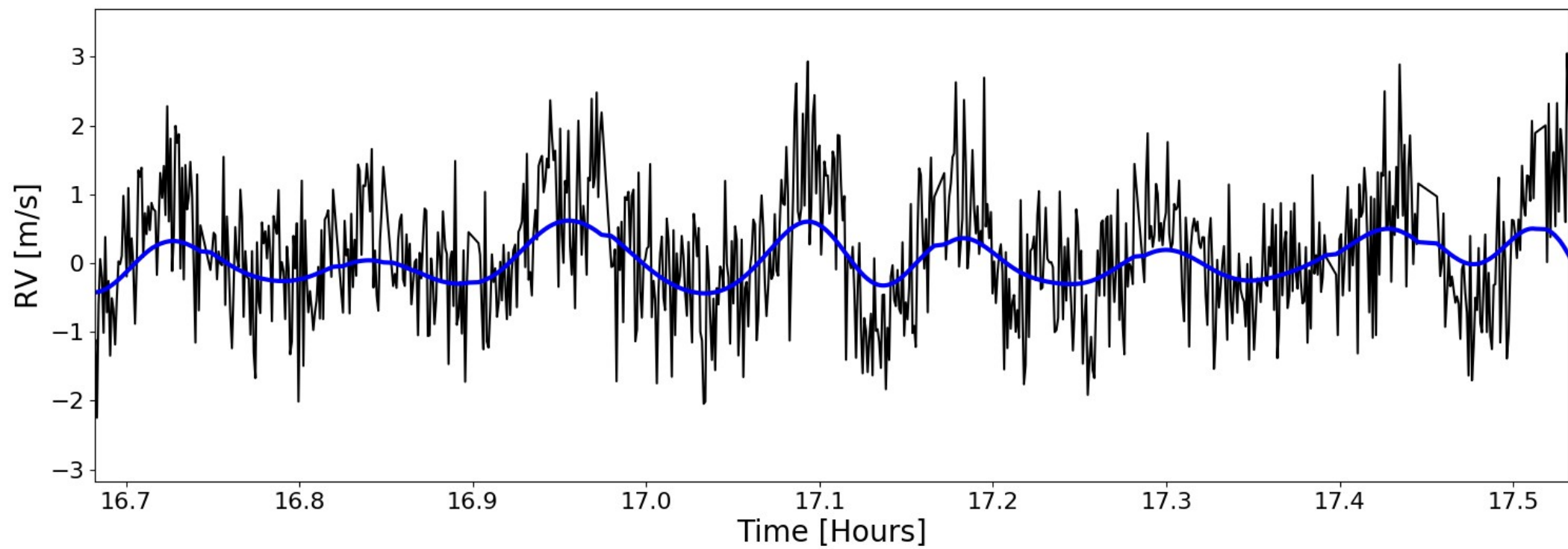
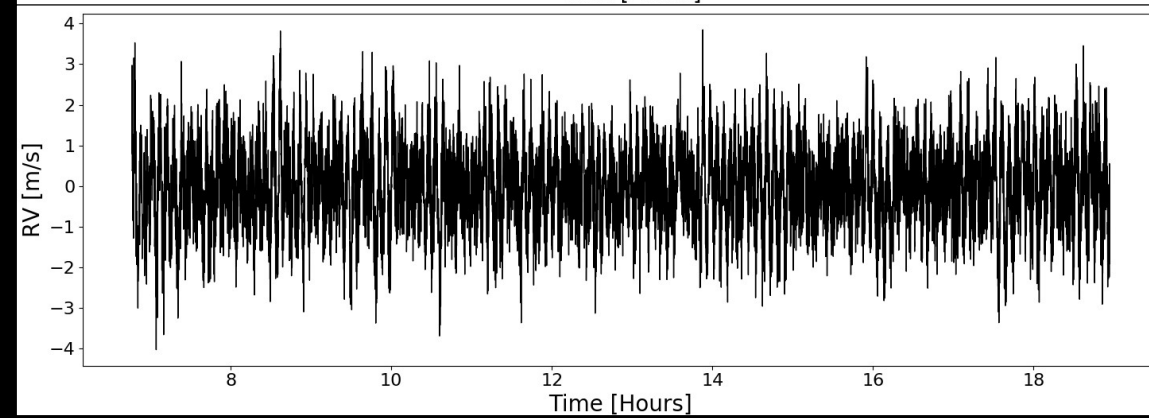
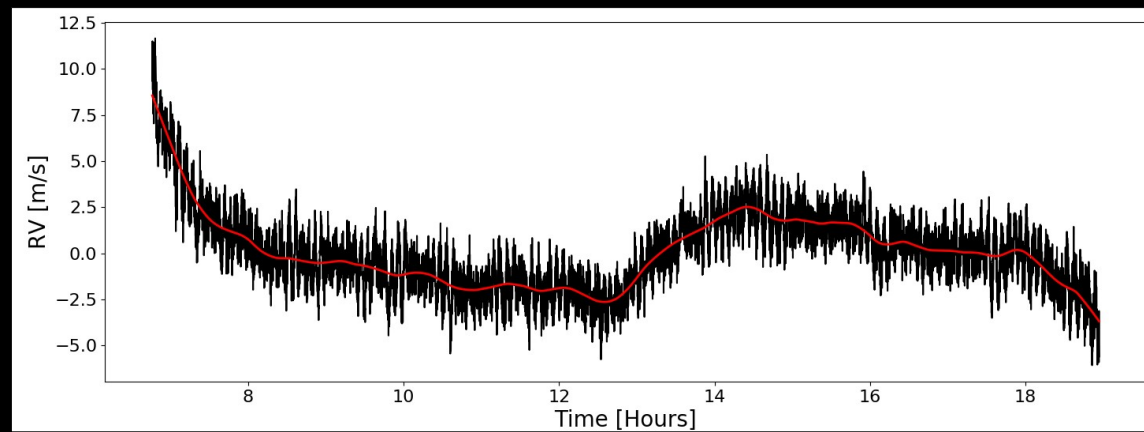


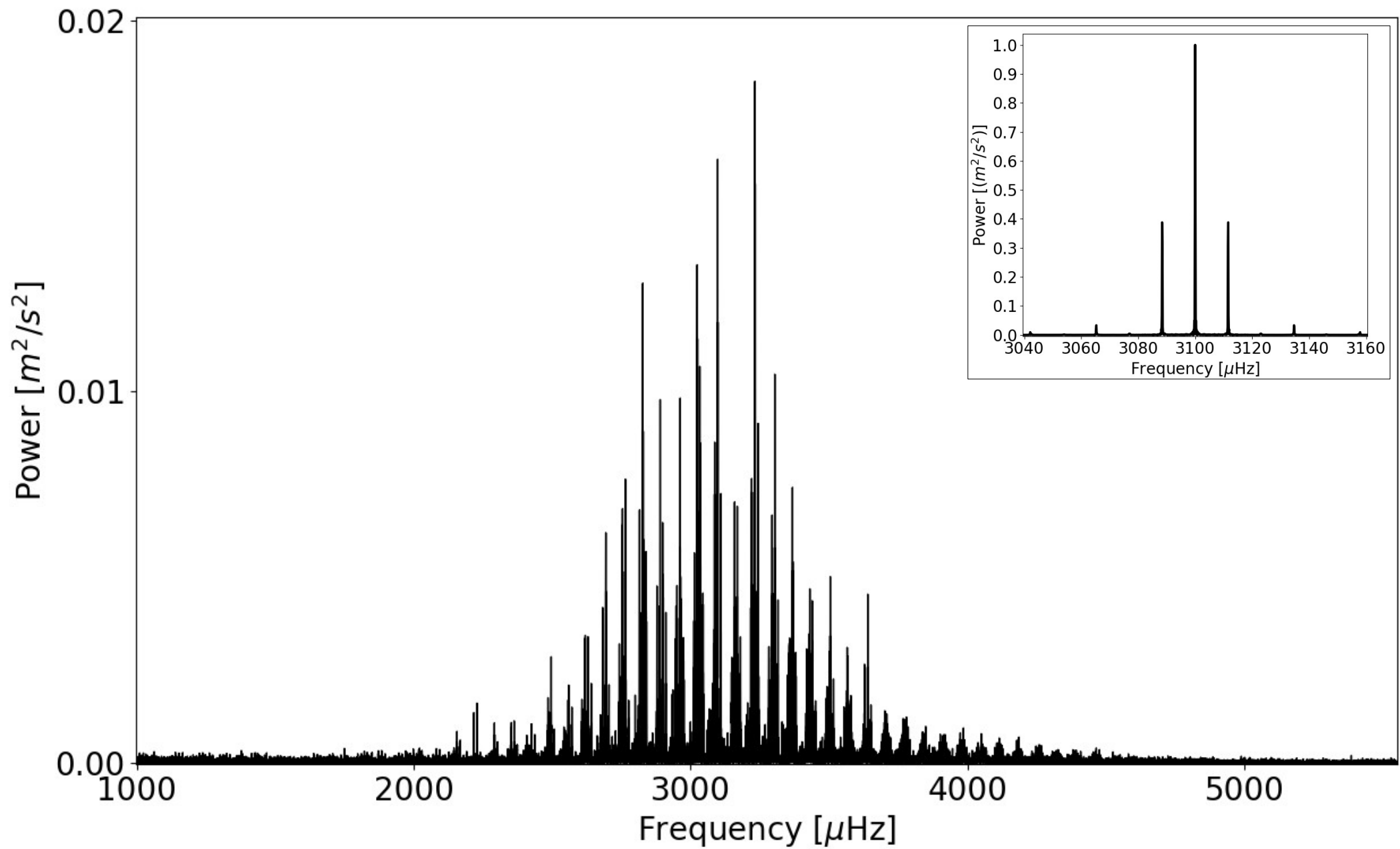
Full time series

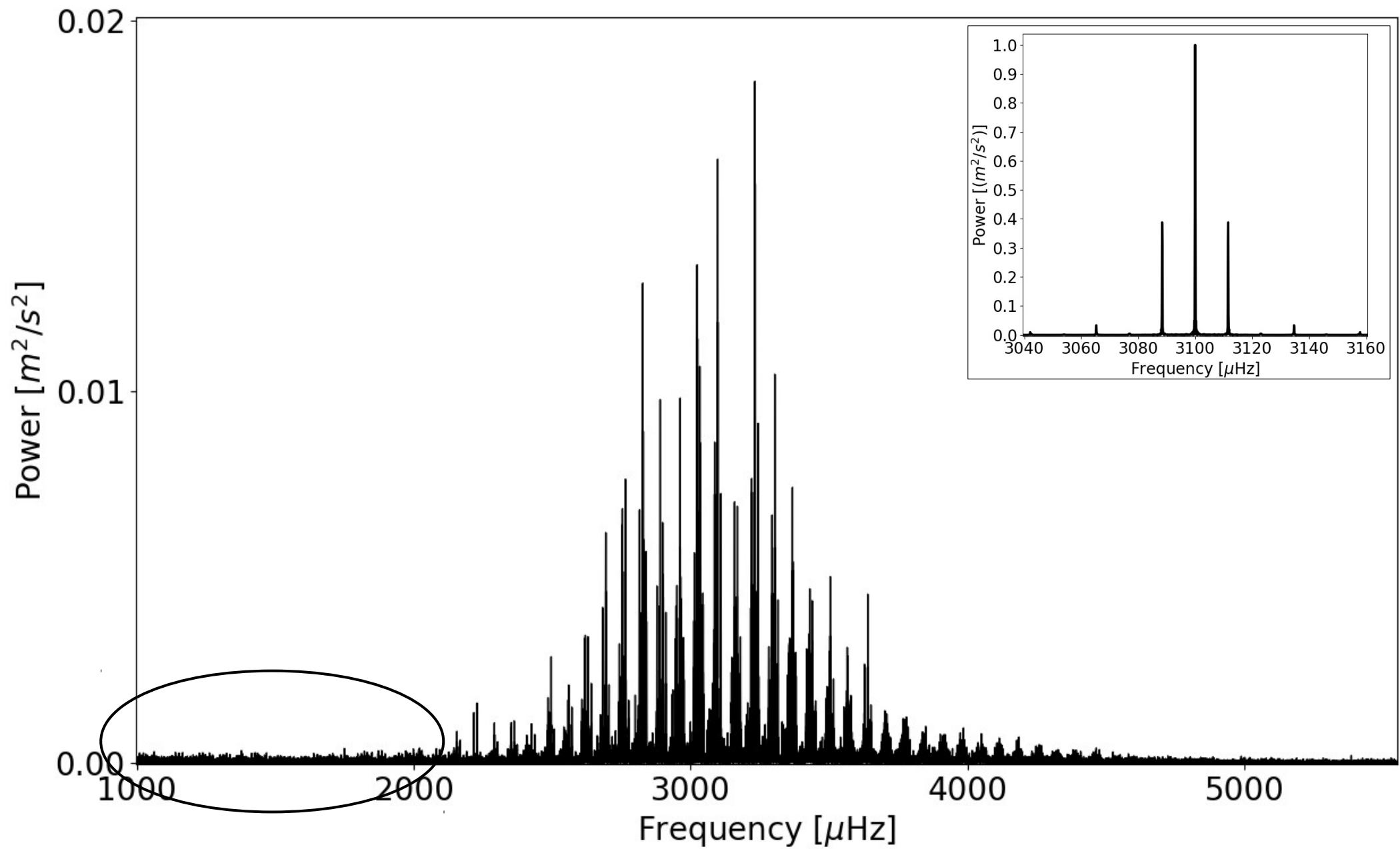




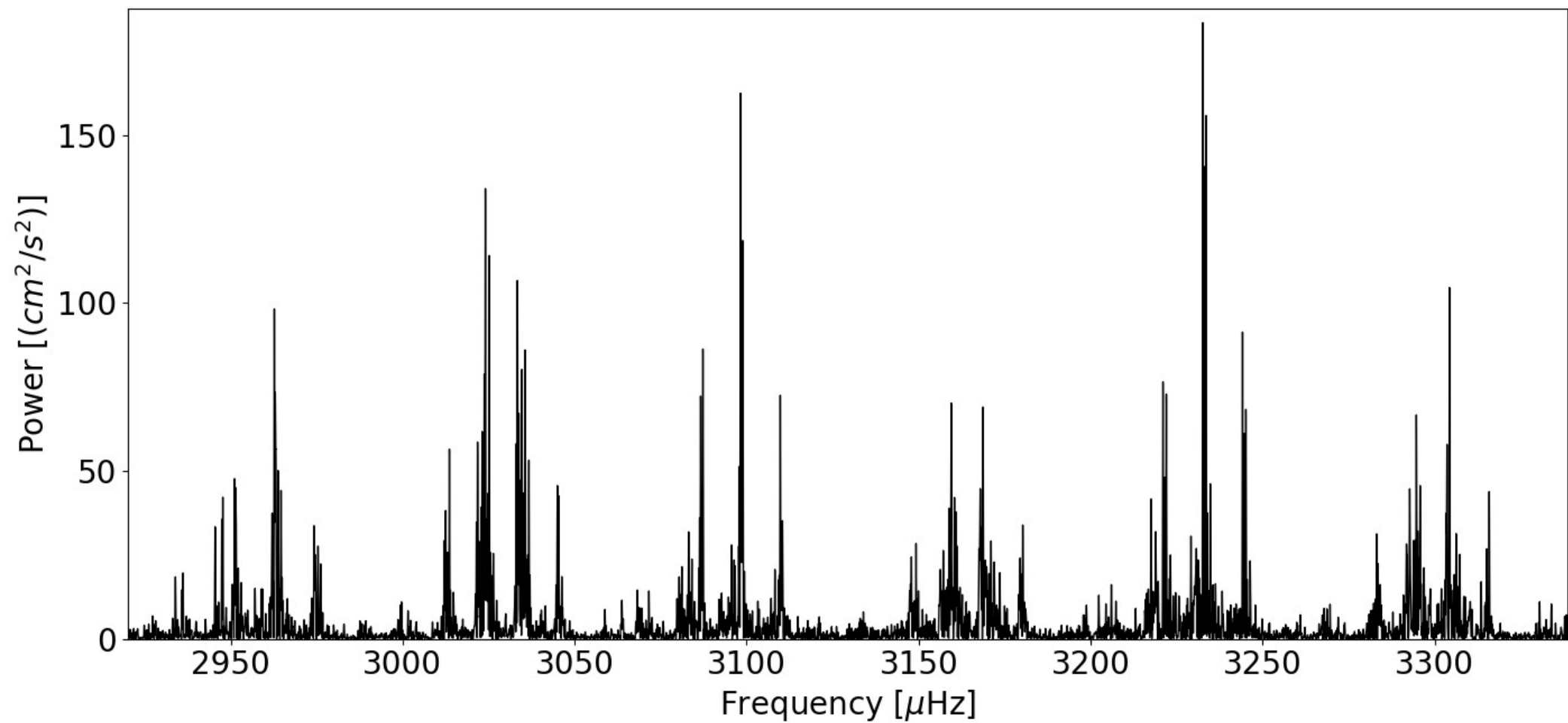




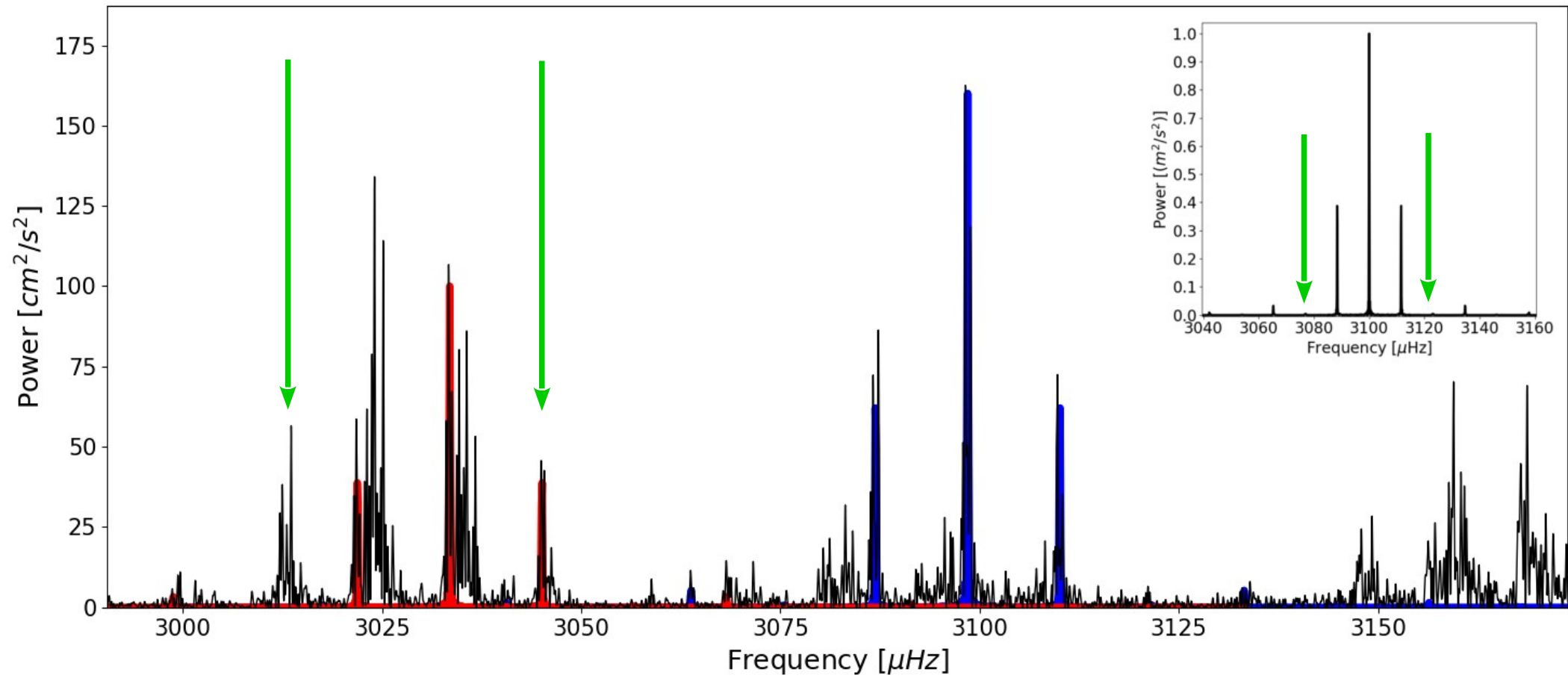




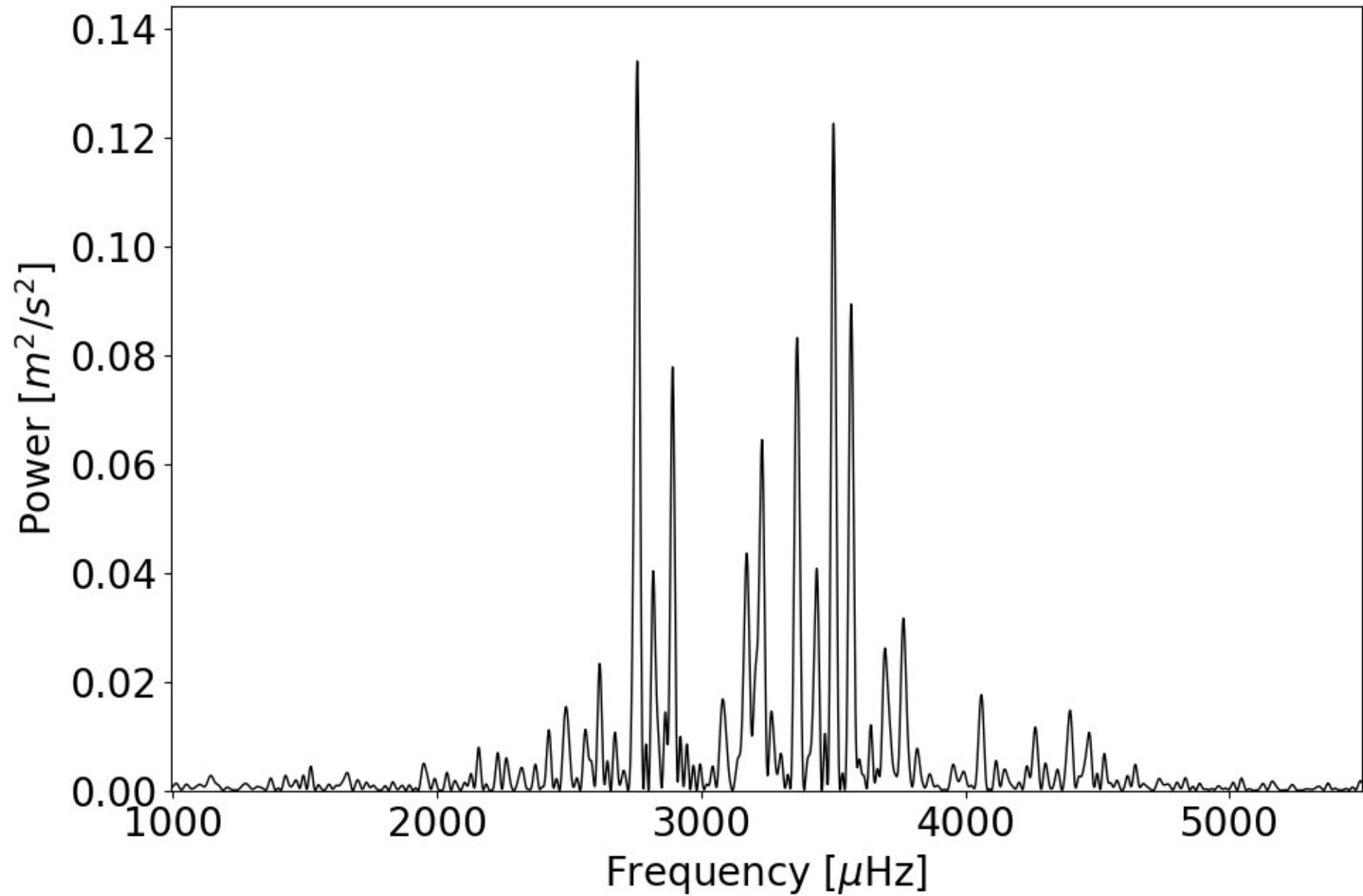
Determination of $\Delta\nu$

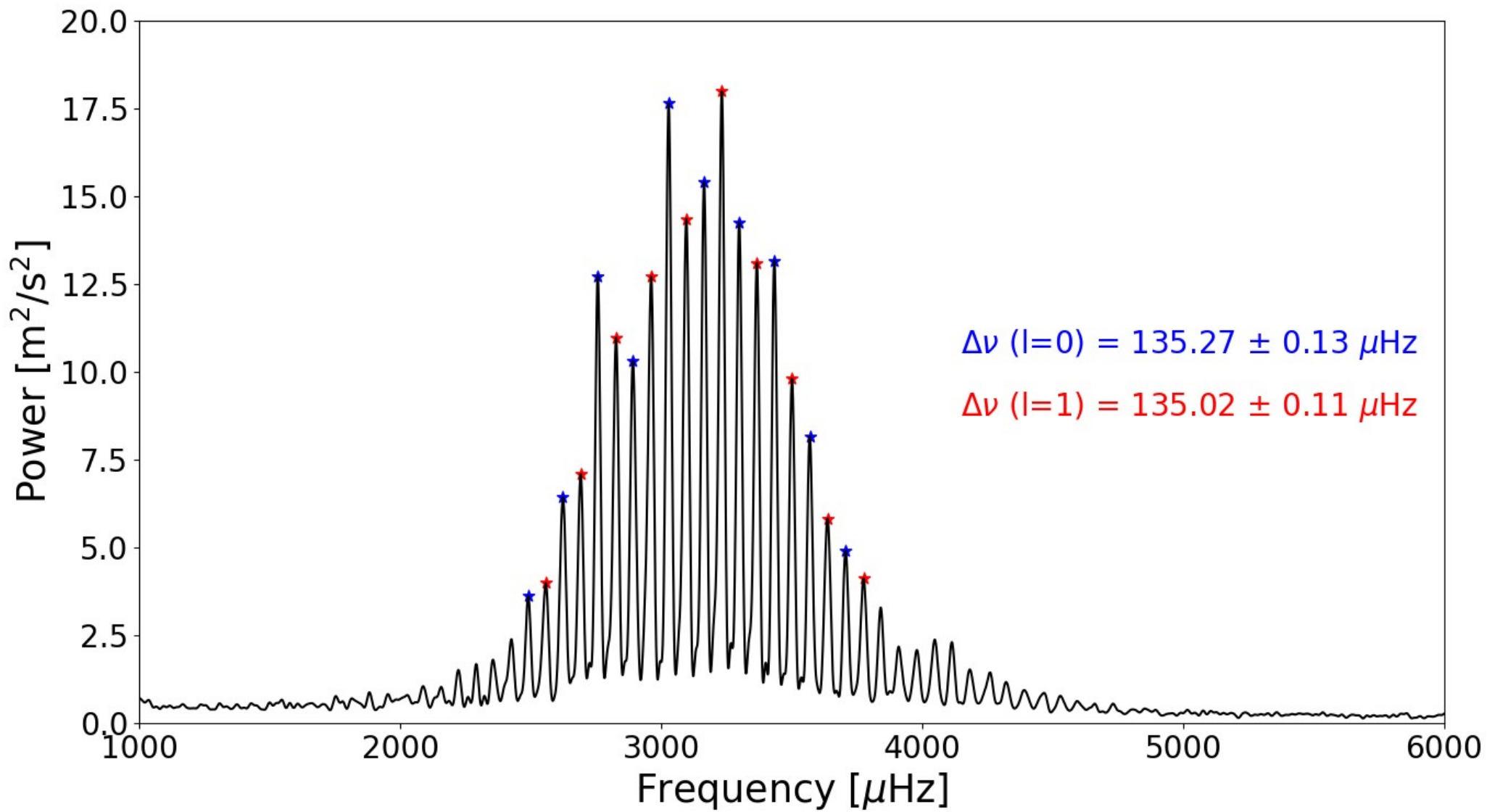


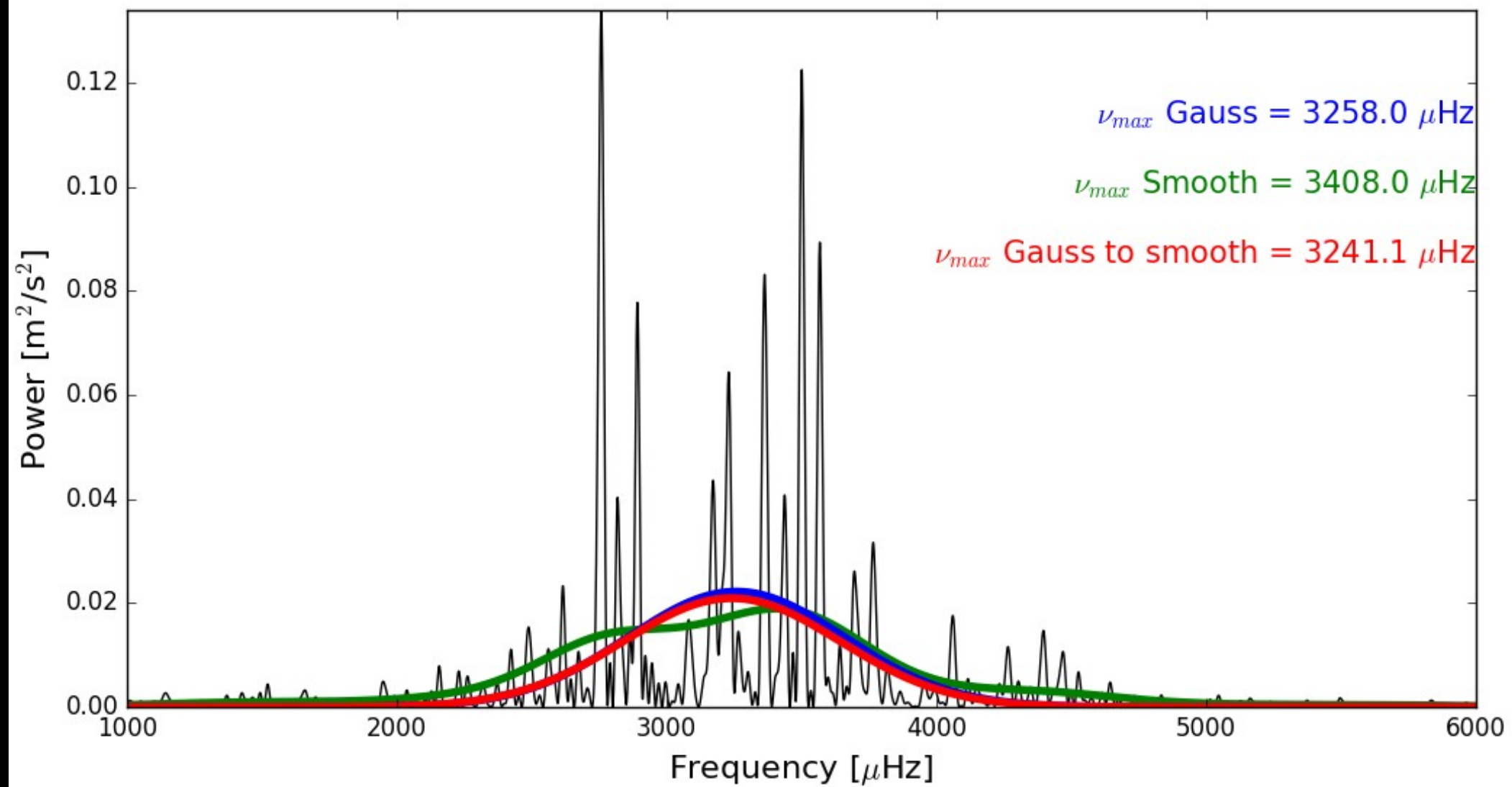
Determination of $\Delta\nu$

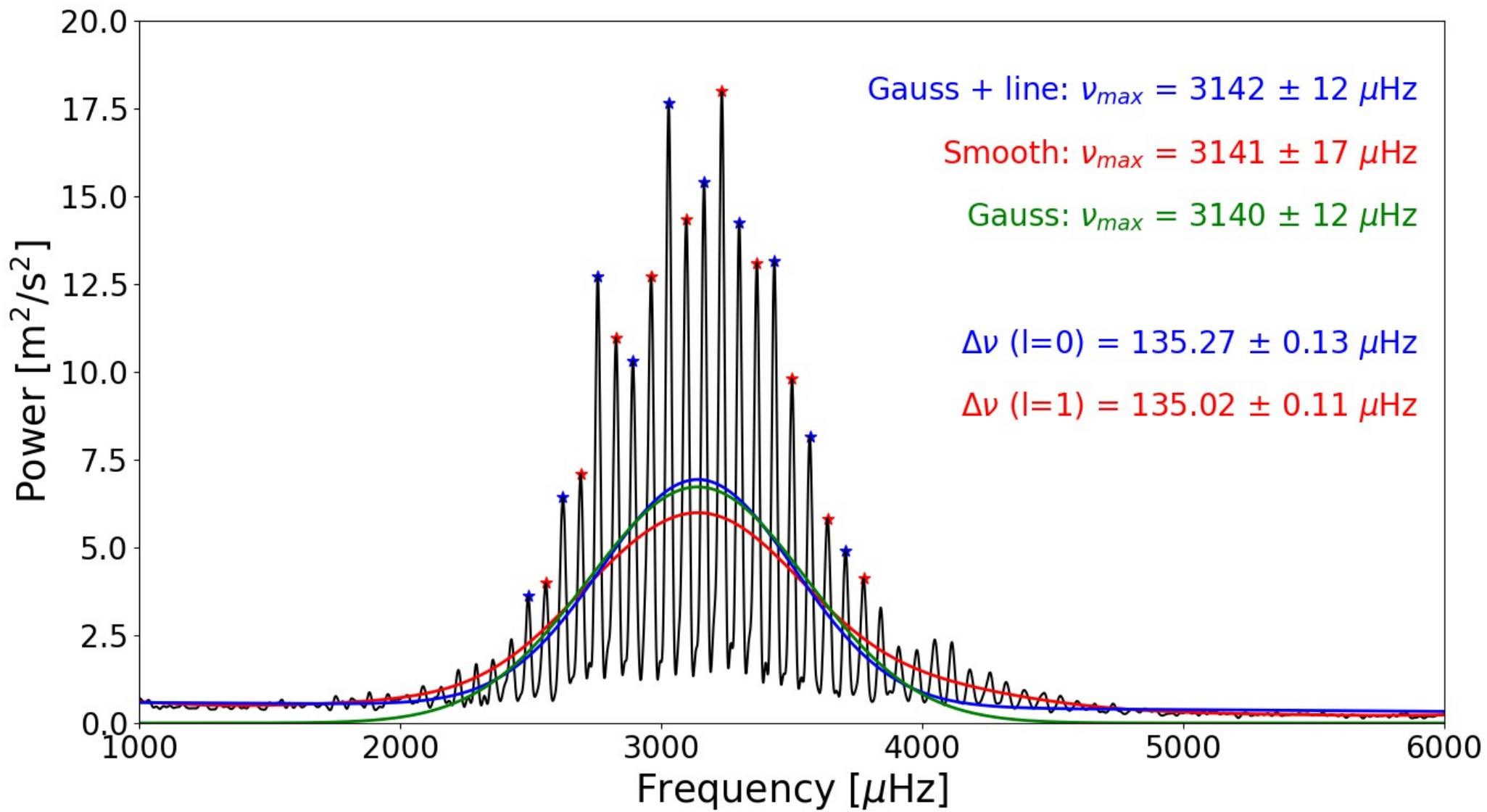


Determination of $\Delta\nu$

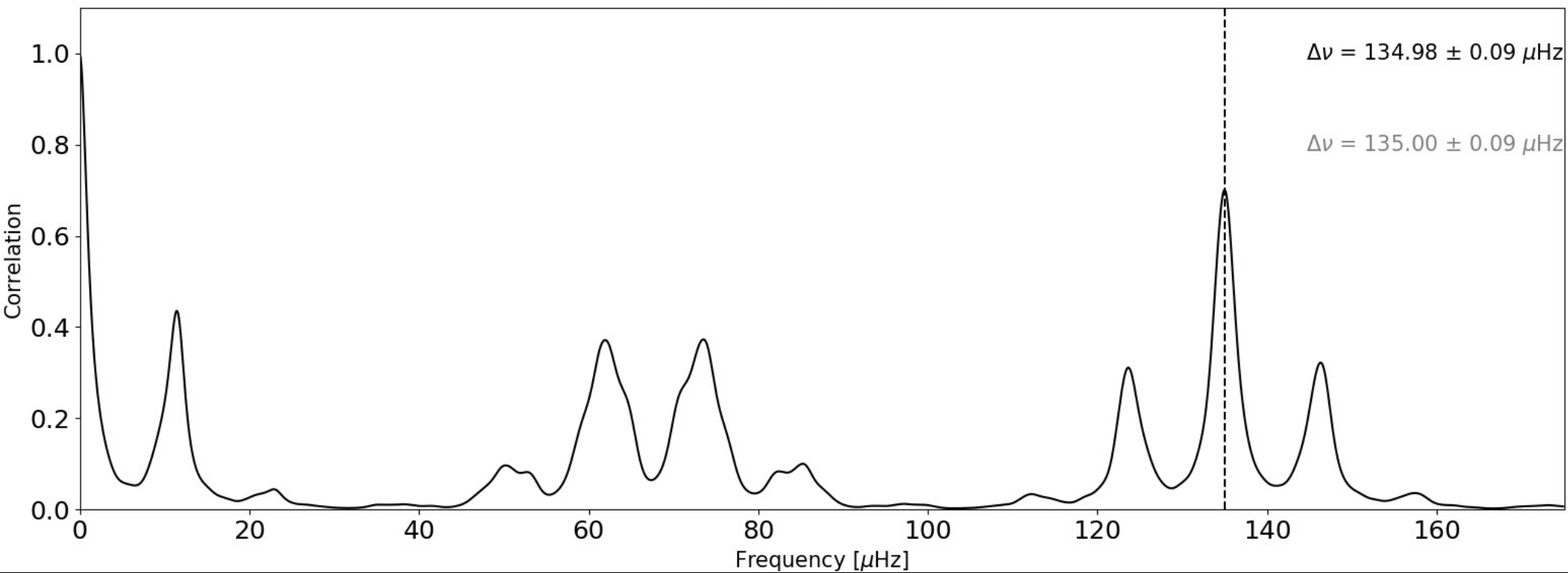


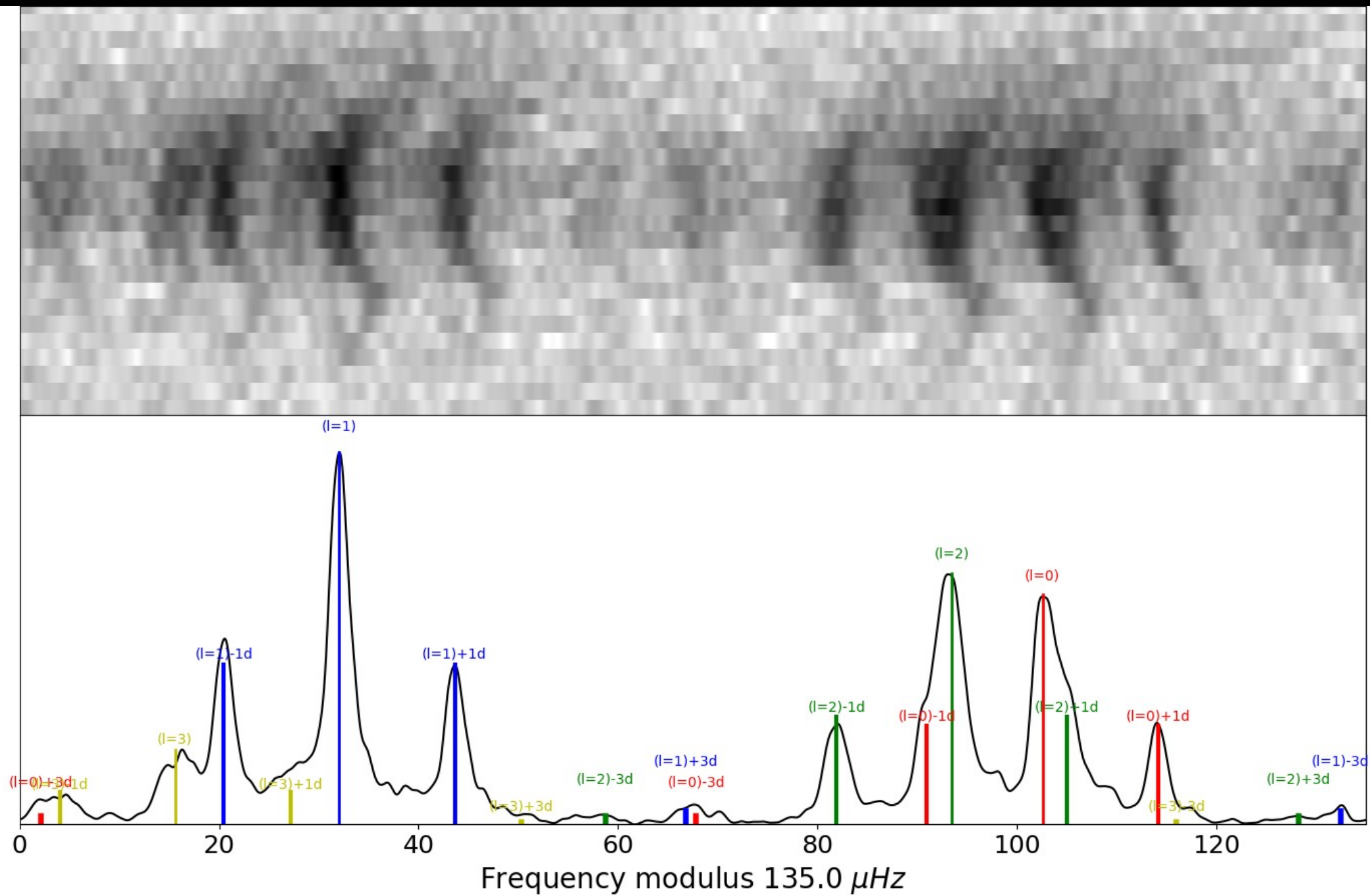


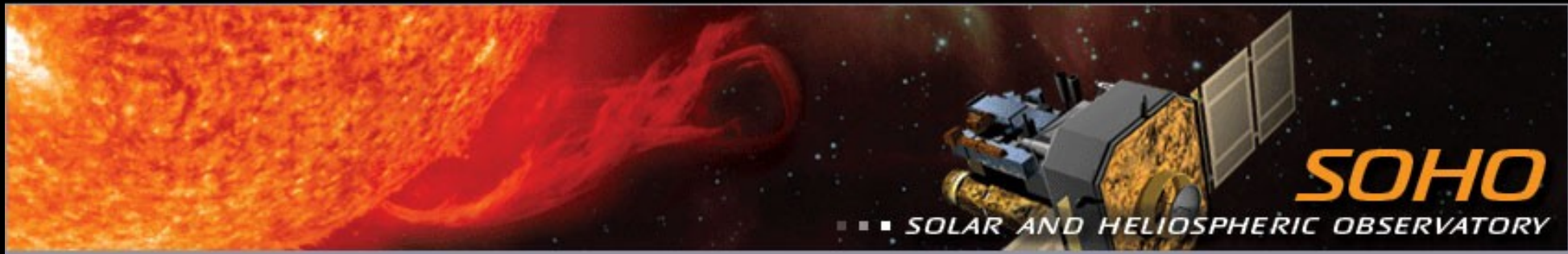




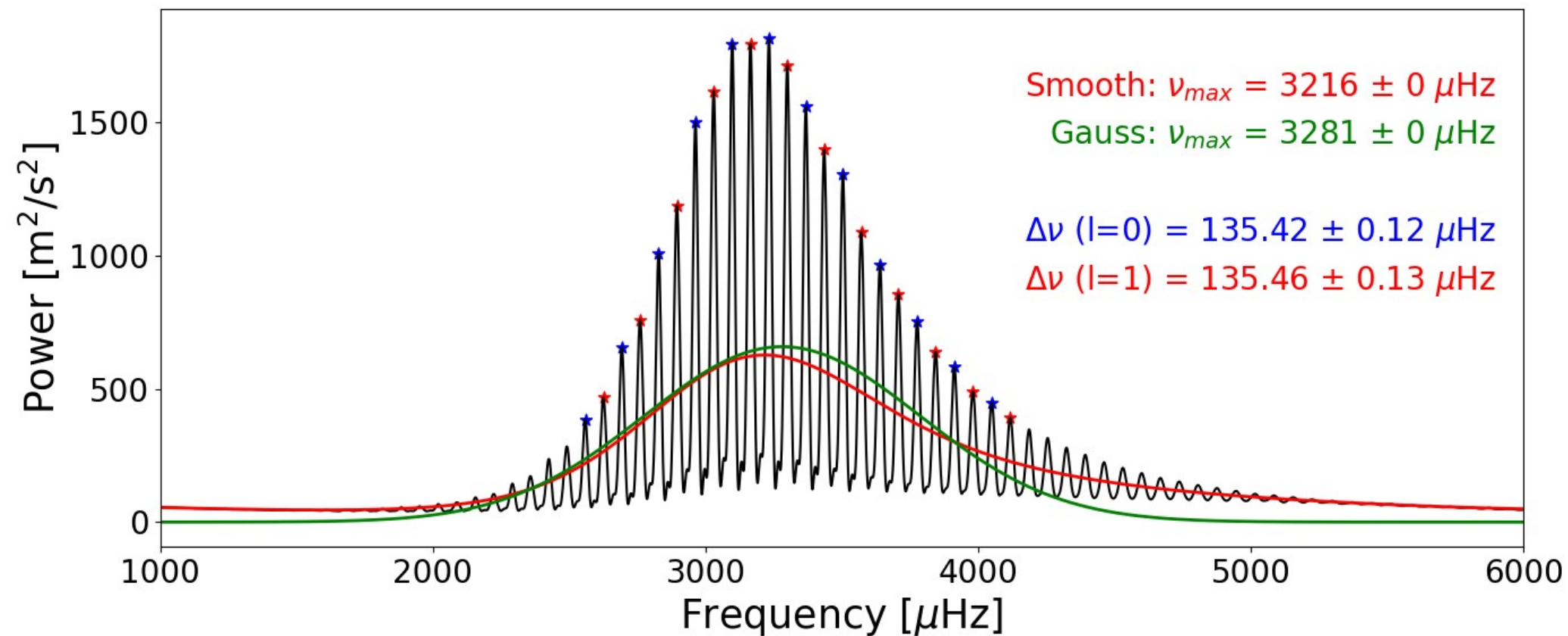
Auto Correlation



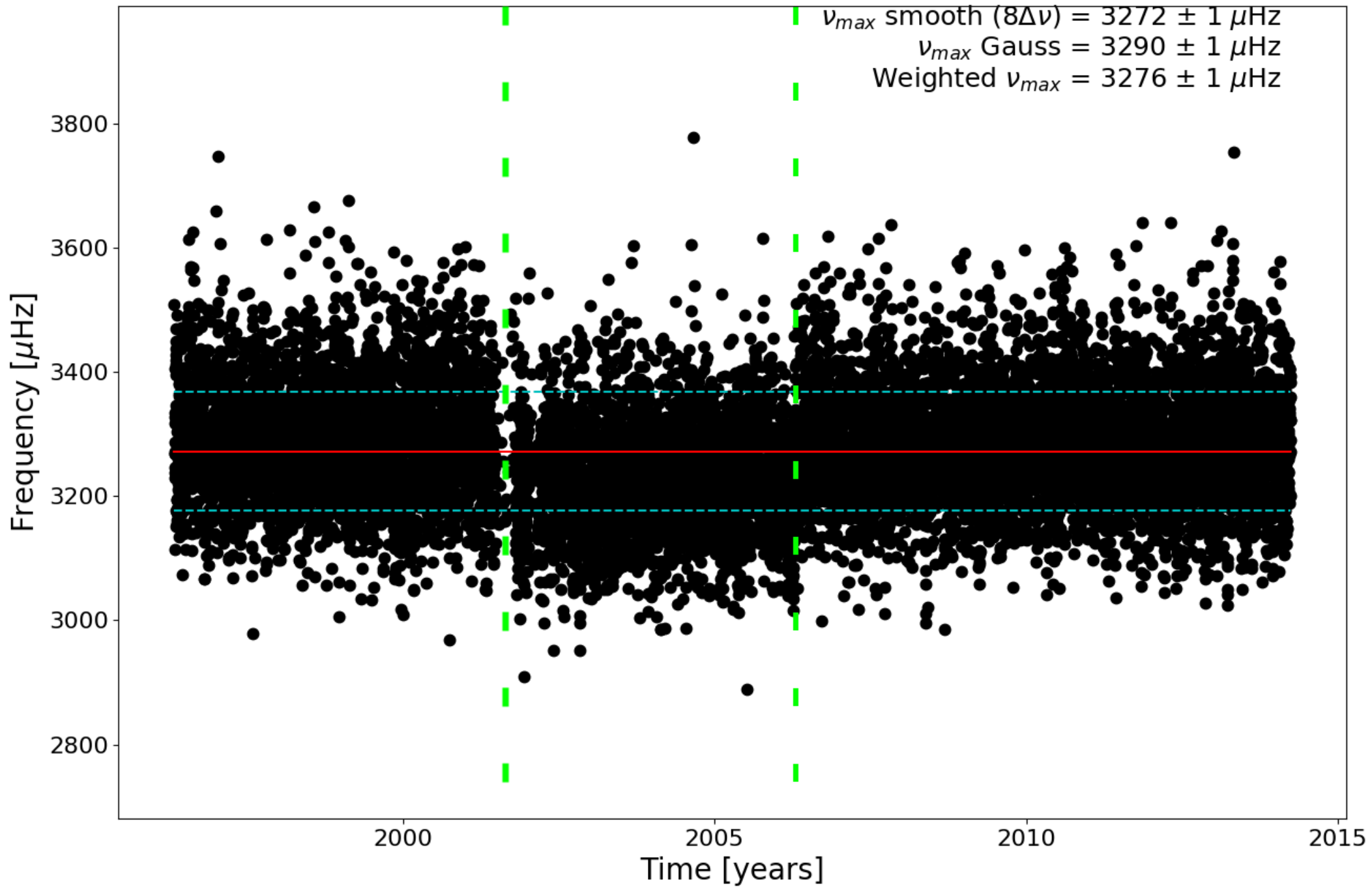




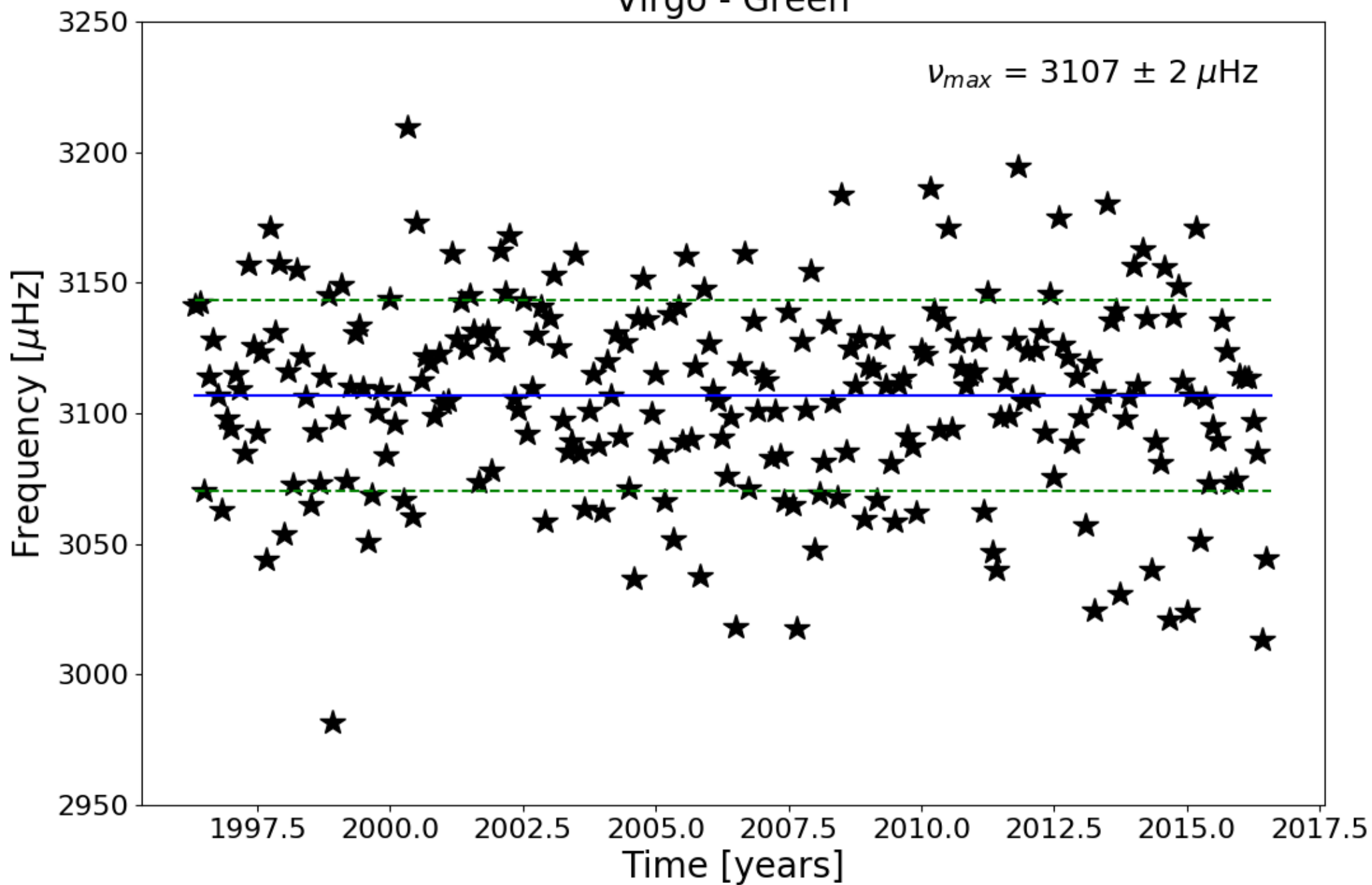
GOLF



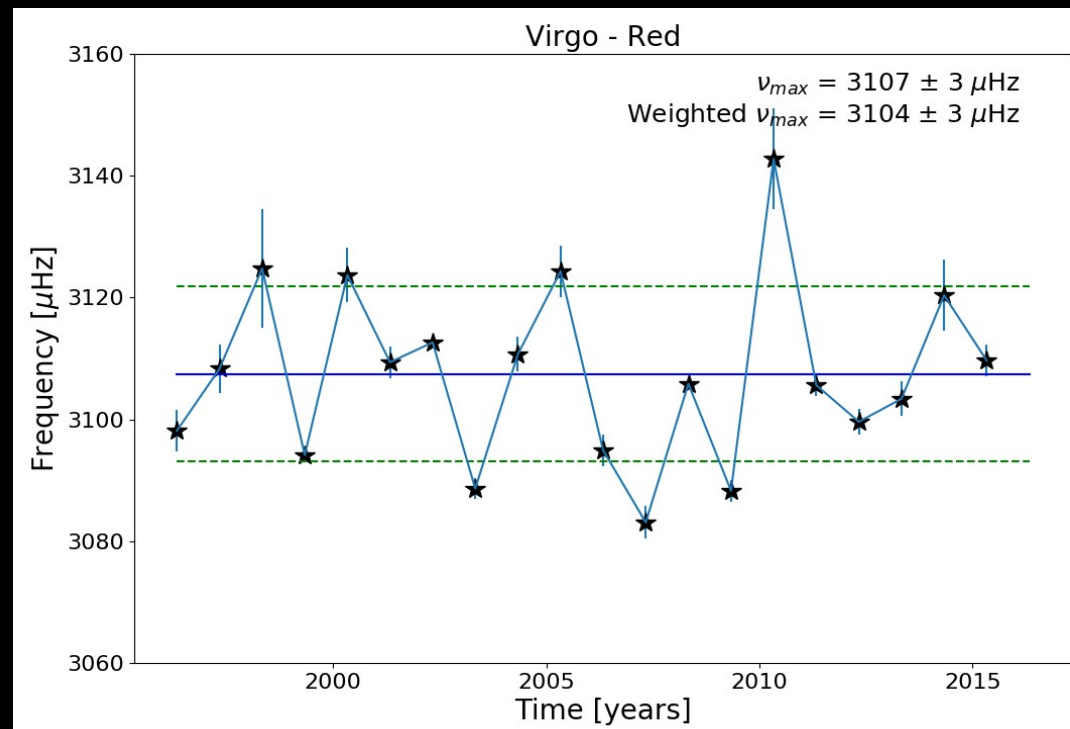
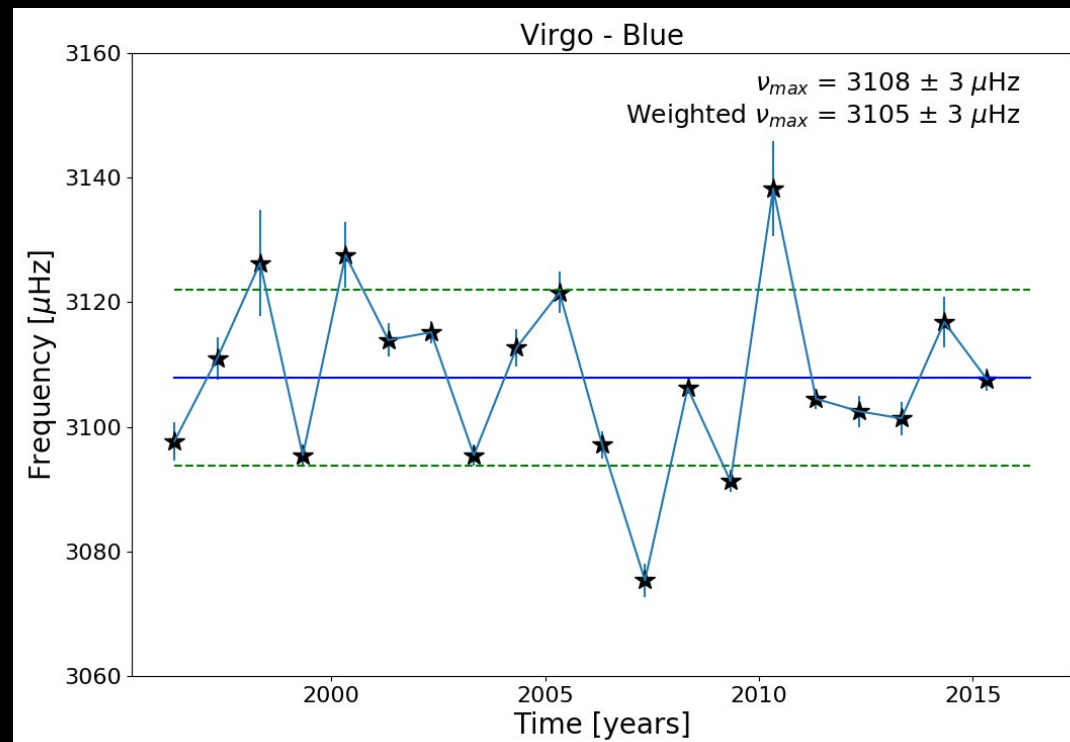
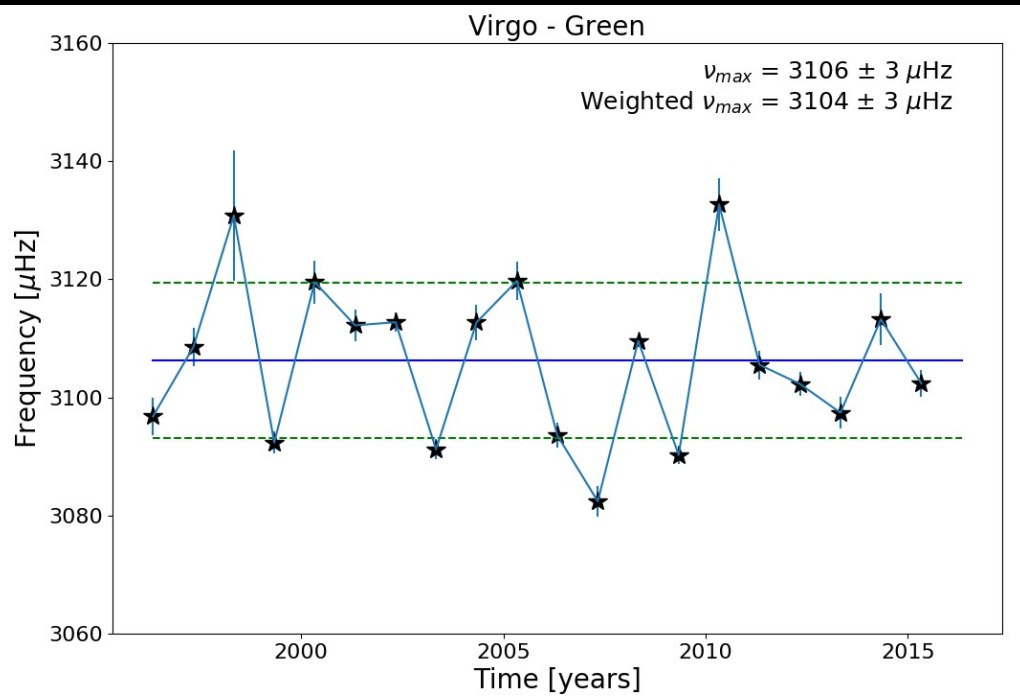
Golf



Virgo - Green



VIRGO



Thanks!

