



## QCM (Quartz Crystal Microbalance) measurements for EIS

The QCM readings for EIS have been taken at weekly intervals since launch and provide an indication of the contamination levels of the EIS instrument. The QCM results show a slight increase year-on-year which is to be expected and confirms that contamination levels for EIS are at a minimal level (see figure 1).

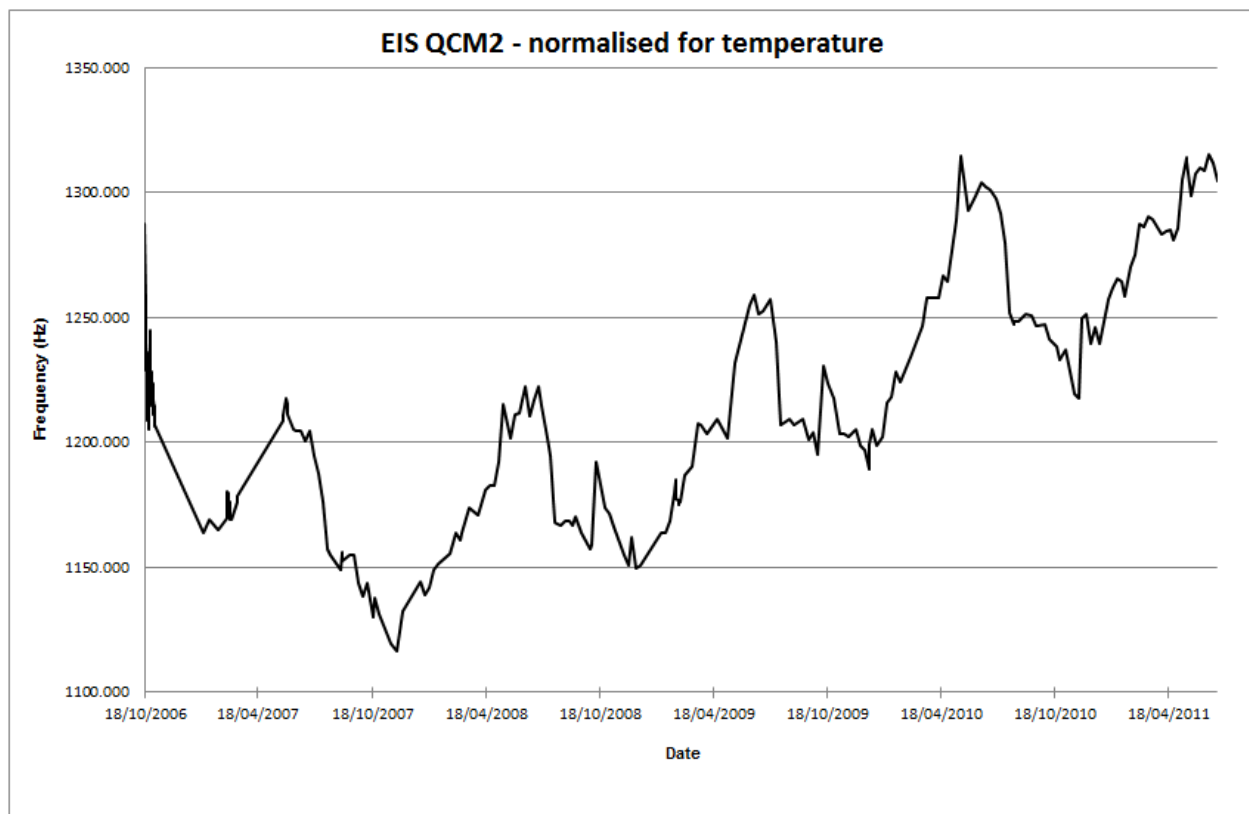


Figure 1 EIS QCM2 (external position) normalised for temperature.

*Note: The periodic nature of the mass loading (frequency) is as a result of the annual temperature variations.*