

MEASUREMENT REPORT

PYRGEOMETER

Routine measurement of temperature dependency during final inspection.

DATE OF MEASUREMENT : 07/11/2011
 PERFORMED BY : F. de Wit
 PYRGEOMETER TYPE : CGR 4
 SERIAL NUMBER : 110401

PROCEDURE:

The pyrgeometer is mounted on a vertical table in the climate chamber. Outside the chamber a 250 W Tungsten-Halogen lamp, at a distance of 60cm, illuminates the pyrgeometer at normal incidence. During the test, the pyrgeometer is ventilated at a windspeed of 5 m/s.

The pyrgeometer is tested in a temperature range over 50 °C down to -40 °C in steps of 10 °C. The relative temperature dependency is plotted below

