

MEASUREMENT REPORT

PYRGEOMETER

Routine measurement of temperature dependency during final inspection.

DATE OF MEASUREMENT : Monday, November 01, 2004

PERFORMED BY : F. de Wit

PYRHELIOMETER TYPE : CG4

SERIAL NUMBER : 040740

PROCEDURE:

The pyrgometer 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 pyrgometer at normal incidence. During the test, the pyrgometer is ventilated at a windspeed of 5 m/s.

The pyrgometer is tested in a temperature range over 50 °C down to -20 °C in steps of 10 °C. The relative temperature dependency is plotted below

