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

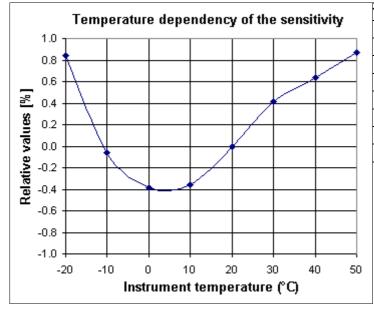
PROCEDURE: The pyrgeometer is mounted on a vertical table in the climate

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 -20 °C in steps of 10 °C. The relative temperature

dependency is plotted below



T [C]	deviation [-]
50	0.87
40	0.64
30	0.42
20	0.00
10	-0.36
0	-0.39
-10	-0.06
-20	0.84