

# VERIFICATION

## EMF

Order No. **816717/M**

Type of appliance **Heating mat**

Applicant **Heat-Com Corporation A/S**  
**Korsholm Alle 14**  
**DK-5500 Middelfart**  
**Danmark**

Brand name **Heatcom, Heat Mat**

Type designation **HICM100\*, HICM150\*, HICM190\*, PRO100\*, PRO150\*, PRO190\***  
**FLX100\*, FLX150\*, FLX190\***

### TEST INFORMATION

Type of testing **Measurement of electromagnetic field according to standard EN 62233:2008**

Summary **The appliance has shown compliance with the requirements in standard EN 62233:2008**  
**This verification is based on the test report no 816717/M1**

**Kista-Stockholm** 9 April 2009

**Intertek Semko AB**  
Household Appliances and HVAC

  
**Christoffer Johansson**

*Intertek Semko AB's laboratories in Kista, Sweden complies with the requirements of EN ISO/IEC 17025.*



**TEST REPORT**  
**EMF**  
**Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure.**

Test laboratory	<b>Intertek Semko AB</b>
Address	<b>Box 1103 SE-164 22 Kista SWEDEN</b>
Order number	<b>816717/M1</b>

**Applicant, identification of the test sample**

Applicant's name	<b>Heat-Com Corporation A/S</b>
Address	<b>Korsholm Alle 14 DK-5500 Middelfart Danmark</b>
Type of appliance	<b>Heating mat</b>
Brand name	<b>Heatcom</b>
Type designation	<b>HICM 190042</b>
Ratings	<b>230 alt. 240 VAC, 773 W, 50 Hz, IPX7</b>
Class	<b>No class</b>

**Standard and environmental condition**

Standard applied	<b>EN 62233:2008</b>
Measuring method	<b>Time domain evaluation clause 5.5.2</b>
Measuring instrument	<b>ELT-400 2304/03 from NARDA</b>
Measurement uncertainty	<b>Only applicable when the measured result is &gt; 75% of limit.</b>
Background values	<b>≤ 0,23 % of limit (Allowed max 5%)</b>



Intertek Semko AB

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**Measurement conditions**

Measuring distance	<b>30 cm from surface</b>
Sensor location	<b>Top</b>
Operating conditions	<b>Continuously</b>
Coupling factor	<b>Not used. Maximum measured field <math>\leq 100\%</math> of limit.</b>
Test voltage	<b>230 VAC</b>

**Measured results**

Position of max value	<b>Top</b>
Max value according to standard	<b><math>\leq 0,24\%</math> of limit (Requirement <math>\leq 100\%</math>)</b>

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**The results only relate to the item tested**

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**Kista-Stockholm** 9 April 2009

Tested by

*Fredric Mällberg*  
**Fredric Mällberg**

Checked by

*Arne Nordin*  
**Arne Nordin**



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