

# STATEMENT ON MAXIMUM PERMISSIBLE EXPOSURE

## No. 811674-1

### EQUIPMENT

Type of equipment: Remote Control  
 Brand name: Scanreco  
 Type / Model: DRC-DC10  
 Manufacturer: Scanreco AB  
 By request of: Scanreco AB

### DIRECTIVE

OET Bulletin 65, supplement C

### CALCULATIONS

The product has an EIRP of 11.2 dBm = 13.2 mW  
 The manual recommends that the operator is not closer than (r) 20 cm to the transmitter's antenna.

A worst case calculation is as follows (assuming dutycycle is 100%):

$$S = \frac{4 \times dc \times EIRP}{4 \times \pi \times r^2} = \frac{4 \times 100\% \times 13.2}{4 \times \pi \times 20^2} = 0.011 mW / cm^2$$

Reference level limit (General Population/Uncontrolled Exposure) according to OET Bulletin 65, supplement C for power density at 928 MHz is  $928 / 1500 = 0.619 mW/cm^2$ .

Considering the calculations above it is determined that the requirements according to the referred directive are fulfilled without testing.

Intertek Semko AB

Date of issue: 7 August 2009



Niklas Boström



Intertek Semko AB

Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Sweden

Telephone +46 8 750 00 00, Fax +46 8 750 60 30, www.sweden.intertek-etlsemko.com

Registered in Sweden: No SE556024059901, Registered office: As address