

# STATEMENT ON MAXIMUM PERMISSIBLE EXPOSURE

## No. 811670-2

### **EQUIPMENT**

Type of equipment:

Remote Control

Brand name:

Scanreco

Type / Model:

DRC-JOY D2

Manufacturer:

Scanreco AB

By request of:

Scanreco AB

#### **DIRECTIVE**

OET Bulletin 65, supplement C

#### **CALCULATIONS**

The product has an EIRP of 9.8 dBm = 10 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%):

$$S = \frac{4 \times dc \times EIRP}{4 \times \pi \times r^2} = \frac{4 \times 100\% \times 10}{4 \times \pi \times 20^2} = 0.008 mW / cm^2$$

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<sup>2</sup>.

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

Intertek Semko AB

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