

# STATEMENT ON MAXIMUM PERMISSIBLE EXPOSURE

## No. 811671-2

### EQUIPMENT

Type of equipment: Remote Control  
Brand name: Scanreco  
Type / Model: DRC-MP D2  
Manufacturer: Scanreco AB  
By request of: Scanreco AB

### DIRECTIVE

OET Bulletin 65, supplement C

### CALCULATIONS

The product has an EIRP of 14.7 dBm = 30 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%):

$$S = \frac{4 \times dc \times EIRP}{4 \times \pi \times r^2} = \frac{4 \times 100\% \times 30}{4 \times \pi \times 20^2} = 0.023 mW / cm^2$$

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  
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