

STATEMENT ON EXPOSURE TO ELECTROMAGNETIC FIELDS

EQUIPMENT

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|--------------------|---|
| Type of equipment: | FHSS radio |
| Type / Model: | W-DMX TRX |
| Manufacturer: | Interlite AB Project Wireless Solution |
| By request of: | Interlite AB Project Wireless Solution |

STANDARD

47 CFR §2.1091

CALCULATIONS

The product has an EIRP of less than 100 mW and a duty cycle (dc) of 100 % according to the manufacturer. The recommended distance to the operator is not closer than (r) 20 cm to the transmitter's antenna.

A worst case calculation is as follows:

$$S = \frac{dc \times EIRP}{4 \times \pi \times r^2}$$

$$S = 1.0 \times 100 / (4 \times \pi \times 20^2) = 0,02 \text{ mW/cm}^2$$

Limit for General Population/Uncontrolled Exposure according to Supplement C to OET Bulletin 65 for power density at 2450 MHz is 1.0 mW/cm². The requirements are fulfilled without testing.

Intertek Semko AB, Radio& EMC

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