

Declaration on radiation safety standard conformance

To whom it may concern:

VELUX A/S
Bækgaardsvej 40
6900 - Skjern
Denmark

declares that the following product

Description: Electrical Blind
FCC ID: XSG865480
Manufacturer: VELUX A/S
Brand: VELUX®
Model: 2014-IA-001-01

has a maximum e.i.r.p. of 11.1 dBm (12,9 mW) in the frequency range of 2412 – 2462 MHz, which means that the worst case prediction of power density (100% reflection) at 10 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4 * \pi * R^2} \quad (\text{power density without reflection})$$

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} \quad (\text{power density with 100\% reflection})$$

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} = \frac{12,9 \text{ mW}}{\pi * (10\text{cm})^2} = 0.041 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

This means that according to OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01), the equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of 47 CFR Part 15.247 (b)(5).

on our behalf.

Date: 16. January 2015
City: Skjern

Name: Jens Aksel Thomsen
Function: Test Engineer, Safety
Signature: 