

# CETECOM ICT Services GmbH

## EC Identification Number 0682

authorized by the German Government



BNetzA-bS-02/51-52

to act as Notified Body in accordance with the R&TTE Directive 1999/5/EC of 9. March 1999.

## EXPERT OPINION

Registration-No.: **E815968X -EO**  
Certificate Holder: **RFbeam Microwave GmbH**  
**Farbgutstr. 3**  
**9008 St. Gallen**  
**Switzerland**  
Product Designation: **K-MC3/K-MC2, K-LC2**  
Product Description: **24 GHz Radar Sensor**  
Product Manufacturer: **See certificate holder**

Essential requirements	Specifications / Standards	Submitted documents	Result
Radio spectrum (R&TTE, Article 3.2)	EN 300 440-1 V1.5.1 EN 300 440-2 V1.3.1	Test Report	conform

Marking: **The product shall be marked with CE and our notified body number as shown right hand.**

**CE 0682**

The scope of this evaluation relates to the submitted documents only.  
The certificate is only valid in conjunction with the following **number** of annexes.

Number of annexes: **1**

Signed by Fabien Coulet  
Notified Body



Saarbrücken, 2010-04-01  
Place, Date of Issue

**Product Characteristics:**

**24 GHz Radar Sensor**

Frequency Range : 24.150 – 24.175 GHz

Operating Frequency : 24.150 GHz

RF-Output Power (EIRP)  
K-MC3/K-MC2 : 20 dBm EIRP  
K-LC2 : 5 dBm EIRP

Modulation : NON

Duty cycle Class : 4

Antenna : Integrated patch antenna

Power supply : 5 V (4.75V to 5.25V DC)

Temperature Range : -20 °C to +55 °C

**Conformity Details:**

Evaluated test reports	
Requirement	Standard, test report number, date & laboratory
Radio spectrum	EN 300 440-1 V1.5.1 EN 300 440-2 V1.3.1  Test Report 1-1845-01-02/09 issued 2010-03-11 by CETECOM ICT Test Report 1-1845-01-03/09 issued 2010-03-11 by CETECOM ICT

**Miscellaneous:**

- TCF according to the application

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