

CETECOM ICT Services GmbH

EC Identification Number 0682

authorized by the German Government



Bundesnetzagentur

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**

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

Signed by Fabien Coulet
Notified Body



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
