

Confirmation of Notified Body Opinion

according to

R&TTE Directive 1999/5/EC

With respect to the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC, Notified Body Conformity Assessment was performed according to Article 10.5 of the Directive on the essential requirements in Article 3.1(a) (Health & Safety), 3.1(b) (EMC) and 3.2 (Effective Use of the Spectrum).
The opinion for the equipment specified in this Confirmation was issued by:

Notified Body / N° / Opinion N° : MiCOM Labs / 2280 / TLCT1135

Approval Holder : Liuyang Kingdom Co., Ltd.
No 8B building, Jincheng Yuan, Fuxing Road
Liuyang, Hunan, China

Manufacturer : same as Approval Holder

Equipment Specification:

Product Description	Model(s)	Trademark	Soft- /Hardware N°	Batch /Serial N°
Firing Systems	KFE2201A/24	Kingdom	--	--

Transmitter (and Receiver) Rating(s):

Frequency Range	Max. RF Power	Antenna / Gain	ITU / Modulation
433.93 MHz	5.8 dBm	Integral telescope / --	--

Test Reports and Applied Standards contained in the Technical Construction File (TCF):

Testing Laboratory	Test Report / Reference	Standard / Regulation	Article	Verdict
Shenzhen Bontek Compliance Testing Laboratory Co., Ltd.	BCT14BR025E-1: 2014-02-28	EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1	3.2	Conform
	BCT14BR025E: 2014-02-28	EN 301 489-1 V1.9.2 EN 301 489-3 V1.4.1	3.1(b)	Conform
	BCT14BR025S: 2014-03-26	EN 60950-1:2006+A11:2009 +A1:2010+A12:2011+A2:2013	3.1(a) Safety	Conform
	see Remarks below	EN 62311:2008	3.1(a) Health	Conform

Product and Manufacturing Documentation contained in the Technical Construction File (TCF):

<input checked="" type="checkbox"/>	PCB Layout	BCT14BR025E PCB LAYOUT.pdf, 2 pages	
<input checked="" type="checkbox"/>	Parts Placement	see PCB Layout and Internal Photos	
<input checked="" type="checkbox"/>	Parts List	BCT14BR025E BOM.pdf, 2 pages	
<input checked="" type="checkbox"/>	BlockDiagram	BCT14BR025E Block diagram.pdf, 1 page, 2014-04-25	
<input checked="" type="checkbox"/>	Circuit Diagram	BCT14BR025E Schematic circuit diagram.pdf, 1 page, 2014-04-12	
<input checked="" type="checkbox"/>	Internal Photos	BCT14BR025E Internal photographs.pdf, 2 pages	
<input checked="" type="checkbox"/>	External Photos	BCT14BR025E External Photos.pdf, 4 pages	
<input checked="" type="checkbox"/>	User Documentation	BCT14BR025E User manual.pdf, 2 pages (Kingdom 2 x12Channel Wireless Transmitter Instructions; KFE2201A/24; Instruction Manual)	
<input checked="" type="checkbox"/>	Other Documentation	BCT14BR025E function description.pdf, 1 page BCT14BR025E TEST SETUP PHOTOGRAPHS.pdf, 2 pages BCT14BR025E_CE Label.pdf, 1 page BCT14BR025E_CE label location.pdf, 1 page Declaration of Conformity (by Liuyang Kingdom Co., Ltd.), 1 page, 2014-04-20	

Remarks/Notes/Limitations:

Remarks/Notes: The device emits far below 20mW (13 dBm) so complies with ERC 1999/519/EC and EN 62311:2008.

Limitations: Before putting a product on the market which uses non harmonised frequencies (Class 2), the national authorities of the member states have to be notified. The NB Opinion assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of all applicable directives providing for the CE marking must bear this marking. At present this device is a class 1 device and be marked as shown below:

CE 2280

Confirmation Date: **2014-05-22**

Agency attestation: TELECONFORMITY
Function: Mr. M. Koop
Manager

