

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 is issued by:

Notified Body / N° / Opinion N° : TÜV Rheinland Nederland B.V. / 1856 / A-TX58-UPRO-001

Approval Holder & Manufacturer Company Name : TBS Avionics Co., Ltd.
Address & Country : Unit 1204-1208, 12/F., Century Centre,
No. 44-46 Hung To Road,
Kwun Tong, Hong Kong

Equipment Specification:

Product Description	Model	Trademark	Software / Hardware N°	Batch / Serial N°
TBS UNIFY PRO 5G8	A-TX58-UPRO	Team BlackSheep	-- / --	-- / --

Transmitter (and Receiver) Rating(s):

Frequency Range	Max. Output power	Antenna & gain	ITU/Modulation
5733 – 5866 MHz (24 Ch)	13 dBm EIRP rated	Swivel dipole antenna, 1 dBi	F1D / FSK

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

Testing Laboratory	Test Report	Standard / Regulation	Article	Verdict
Shenzhen Anbotek Compliance Laboratory Limited	R011601564T: 2016-02-22	EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	3.2	Conform
	R011601564E: 2016-02-22	EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1	3.1(b)	Conform
	R011601564H: 2016-02-22	EN 62311:2008	3.1(a) Health	Conform
	R011601564S: 2016-02-22	EN 60950-1:2006+A11:2009 +A1:2010+A12:2011+A2:2013	3.1(a) Safety	Conform

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

<input checked="" type="checkbox"/>	PCB Layout, Parts Placement	Assembly Drawings.pdf, 2 pages	Note 1
<input checked="" type="checkbox"/>	Parts List	BOM.pdf, 2 pages	
<input checked="" type="checkbox"/>	Block Diagram	Block Diagram.pdf, 1 page, 2016-01-25	
<input checked="" type="checkbox"/>	Circuit Diagram	Schematics.pdf (CD-Electronics GmbH), 1 page	
<input checked="" type="checkbox"/>	Internal Photos	Internal Photos.pdf, 2 pages	
<input checked="" type="checkbox"/>	External Photos	External Photos.pdf, 2 pages	
<input checked="" type="checkbox"/>	Operation Description	Operational Description.pdf, 1 page	
<input checked="" type="checkbox"/>	User Documentation	Users Manual.pdf, 7 pages, 2015-12-11	
<input checked="" type="checkbox"/>	Other Documentation	Test Setup Photos.pdf, 2 pages Label.pdf, 1 page; Label Location On EUT.pdf, 1 page Declaration of Conformity (TBS Avionics Co., Ltd.), 1 page, 2016-02-19	

Remarks/Notes/Limitations:

Remarks: Device is a module using 5V DC input voltage. Max. measured output power is 12.48 dBm EIRP. Antenna connector is RP-SMA. This device operates within the assigned band of 5725 – 5875 MHz as specified in Annex 1 of ERC Recommendation 70-03.

Note 1: The full PCB Layout and the full Parts Placement shall be part of the final Technical Construction File (TCF).

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 1856

Confirmation Date: **2016-02-25**

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

