Notified Body Statement of Opinion

The TCF listed below has been evaluated to the requirements of the European R&TTE Directive 1999/5/EC

Applicant name:	Radio Activity Srl
EUT:	Radio Transceiver VHF
Model:	KA-080, KA-160
Frequency bands:	66 MHz to 88 MHz (KA-080) 136 MHz to 174 MHz (KA-160)
TCF Number:	NB_KAIROS KA-160 and KA-080
ACB Project Number:	ATCB017038

ACB is designated as a Notified Body under the U.S.-EU Mutual Recognition Agreement

ACB, Inc.
Notified Body Number 1588
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In the opinion of ACB the examination of the technical construction file presented demonstrates the requirements of Directive 1999/5/EC have been met. The product listed above and in Annex 1 of this document, is in conformity with Annex IV and the essential requirements of Articles 3.1a, 3.1b and 3.2 of Directive 1999/5/EC. This statement of opinion relates only to the documents provided to ACB. A list of documentation forming the basis for the examination is provided in Annex 2 of this document.

Michael Derby

Notified Body: Michael Derby

11 March 2015
Date

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The project consists of two devices, both were UHF Transceivers.

The model KA-080 operated in channels in the range 66 MHz to 88 MHz.
The model KA-160 operated in channels in the range 136 MHz to 174 MHz.

The device covered in this Notified Body opinion does not include a GNSS/GPS Receiver.

Details of operation:

Description of service:	Model KA-080
Transmit Frequency:	66 MHz to 88 MHz
Receive Frequency:	66 MHz to 88 MHz
Modulation:	FM, PM, 4FSK
Channels:	6.25 kHz, 12.5 kHz, 20 kHz, 25 kHz
Rated Power:	25 Watts, conducted
Antenna:	Not included

Description of service:	Model KA-160
Transmit Frequency:	136 MHz to 174 MHz
Receive Frequency:	136 MHz to 174 MHz
Modulation:	FM, PM, 4FSK
Channels:	6.25 kHz, 12.5 kHz, 20 kHz, 25 kHz
Rated Power:	25 Watts, conducted
Antenna:	Not included

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Annex 2 of NB Statement of Opinion
Number: NB_KAIROS KA-160 and KA-080 ATCB017038

1 Test Report:

	Report number:	Dated:
EMC	EMCRT_141235-1	25 February 2015
EMC	EMCTR_141202-2	25 February 2015
Radio	ETSTR_141236-0	16 February 2015
Radio	ETSTR_141203-2	16 February 2015
RF Safety	EMFTR_141315-2	25 February 2015
RF Safety	EMFTR_141311-2	25 February 2015
Product Safety	SAFTR_141201-0	7 November 2014
Product Safety	SAFRT_141234-0	10 November 2014

2 Technical Documentation provided:

Block Diagram	Circuit Diagram	External Photographs
Internal Photographs	Label Drawing	Operational Description
Parts List	Technical Description	Test Reports
Test Photographs	User Manual	Declaration of Conformity

3 Standards used to show conformity to 1999/5/EC:

Radio Spectrum:	EN 300 113-1 V1.7.1	EN 300 113-2 V1.5.1
	EN 300 086-1 V1.4.1	EN 300 086-2 V1.3.1
EMC:	EN 301 489-1 V1.9.2	EN 301 489-5 V1.3.1
RF Safety:	EN 50385: 2002	
Product Safety:	EN 60065: 2002 + A1: 2006 + A11: 2008 + A2: 2010 + A12: 2011	

4 Other Relevant Essential Requirements

Art 6.3 Information to user provided:	Yes
Art 6.4 Alert Symbol required:	Yes
Art 12 CE Mark correct on device:	Yes

5 Further information:

This is a Class 2 device, requiring licensing.
The appropriate conformity information; CE Mark, Notified Body number (1588) and Alert Symbol must be clearly displayed on the equipment label, the user manual and the packaging.
A statement of compliance with Directive 1999/5/EC or a copy of the Declaration of Conformity must be provided with each device.
Not all channels supported may be available in every member state and country notifications are necessary.
RF Exposure boundary calculations to be calculated per installation, based on antenna gain.

6 Contact information:

For contact with ACB or questions regarding this Statement of Opinion:
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