

Attachment E

(Photo documentation of the test set-up)

Type / Model Name : EVOLVE Family (TR7240 Rev04)

Family Variations : See General Remarks of each Test Report

Product Description : Electronic Article Surveillance Detection System

Applicant : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare
New Jersey, USA 08086

Manufacturer : Sidep Electronics (Shanghai) Co., Ltd

Address : No 1695 Xin Tanwa Rd, Pudong District
Shanghai 201321 China

Licence holder : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare
New Jersey, USA 08086

according to

File No. :	T41363-00HU
	20. December 2016 Date of issue

The Attachment A merely corresponds to the test sample.
It is not permitted to copy extracts of these test results
without the written permission of the test laboratory.

Contents

1	<u>Photo documentation of the test set-up</u>	3
1.1	Conducted emission:	3
1.2	Field strength of the fundamental wave:	6
1.3	Spurious emissions:	11
1.4	Frequency tolerance:	Fehler! Textmarke nicht definiert.
1.5	20 dB bandwidth / Occupied bandwidth:	16
1.6	Transmitter spectrum mask:	Fehler! Textmarke nicht definiert.
1.7	Test setup – FCC Part 15 B:	Fehler! Textmarke nicht definiert.
1.8	Radiated emissions – FCC Part 15 B:	Fehler! Textmarke nicht definiert.

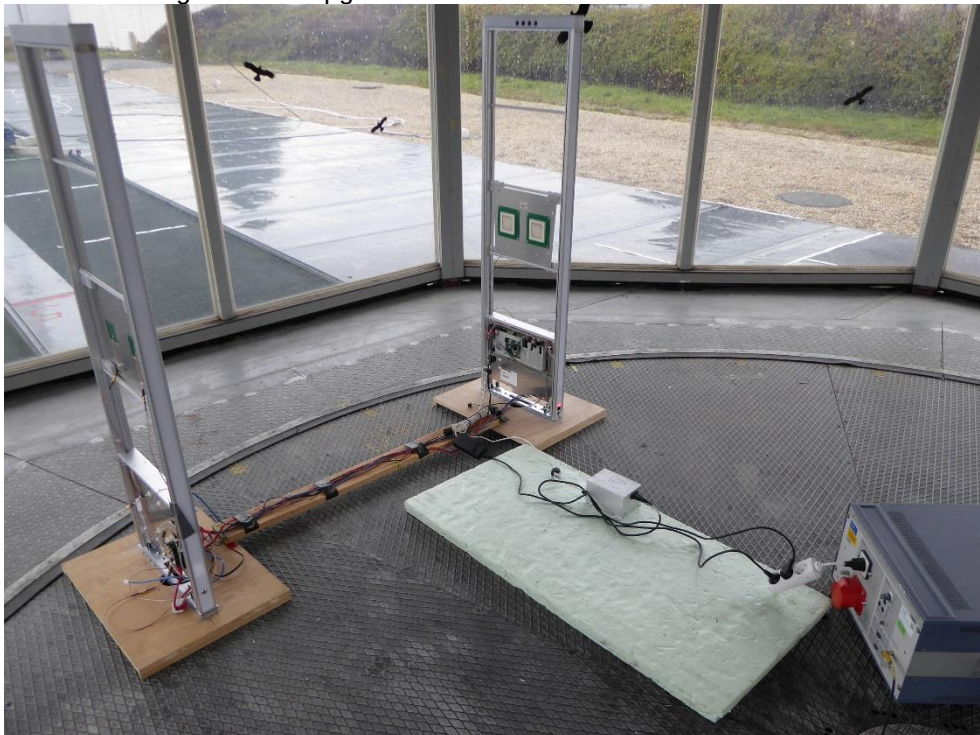
1 Photo documentation of the test set-up

1.1 Conducted emission:

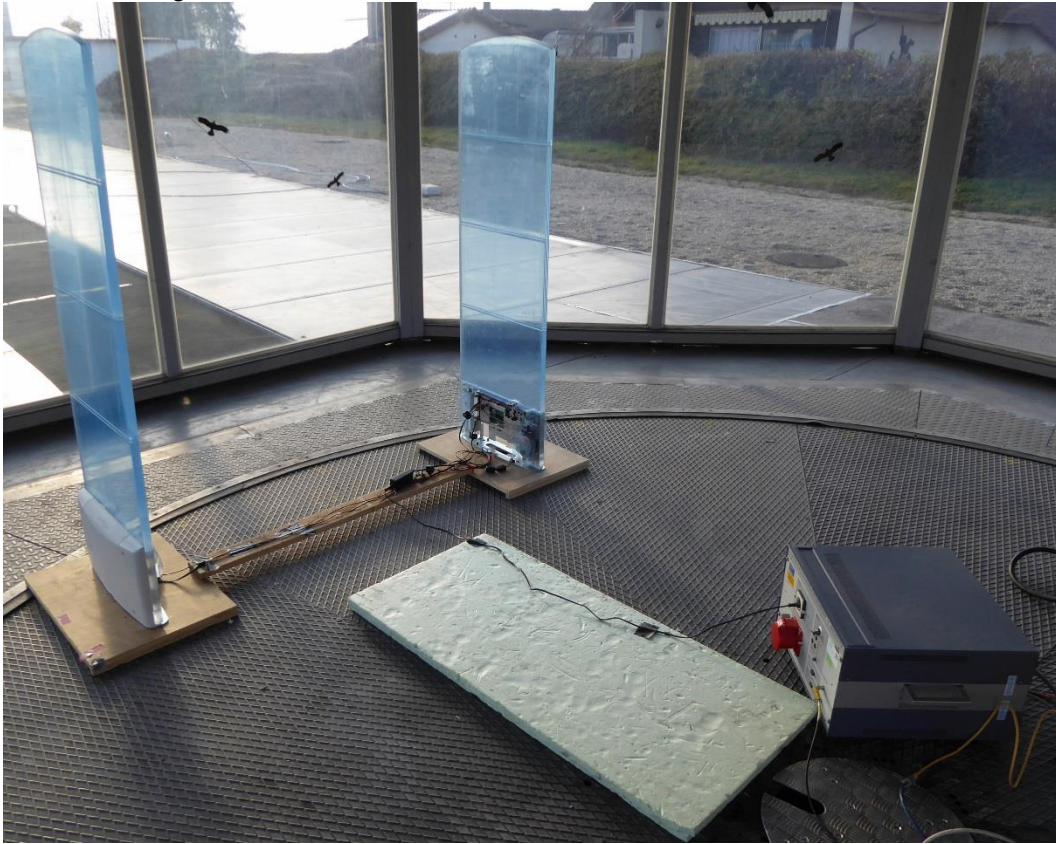
⇒ EVOLVE E10 2.0 iRange



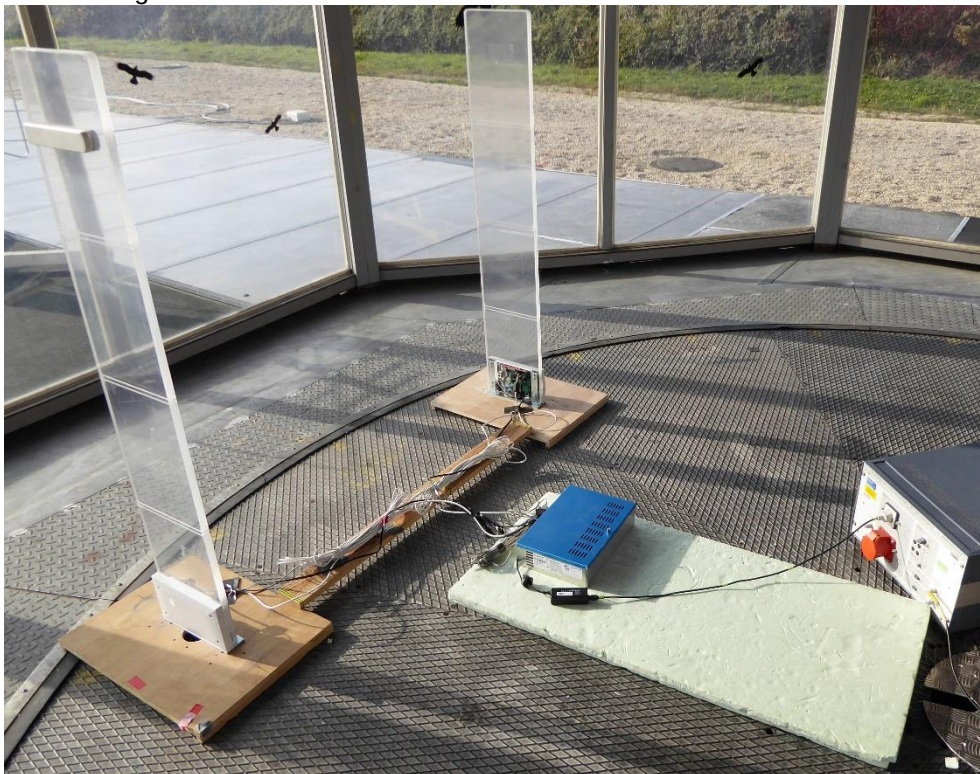
⇒ EVOLVE E10 2.0 iRange w/RFID upgrade kit



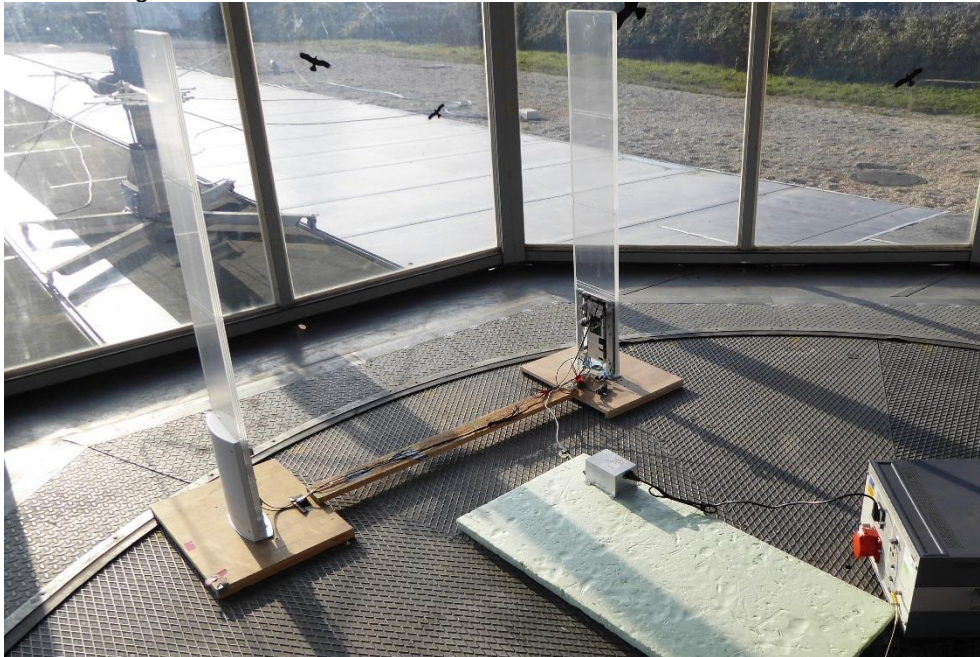
⇒ EVOLVE G10 iRange



⇒ EVOLVE G30 iRange



⇒ EVOLVE G35 iRange

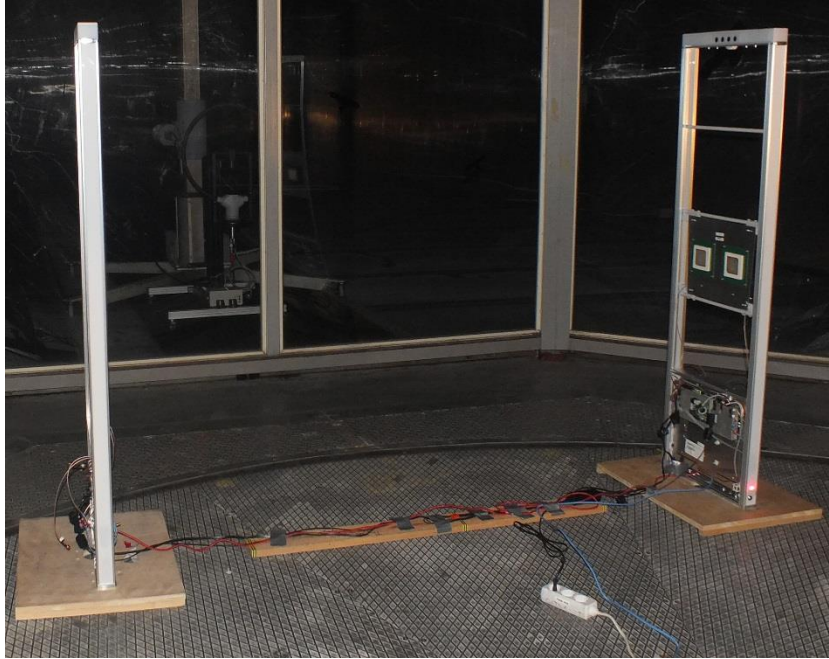


⇒ EVOLVE P10 iRange and EVOLVE P10 iRange w/RFID upgrade kit

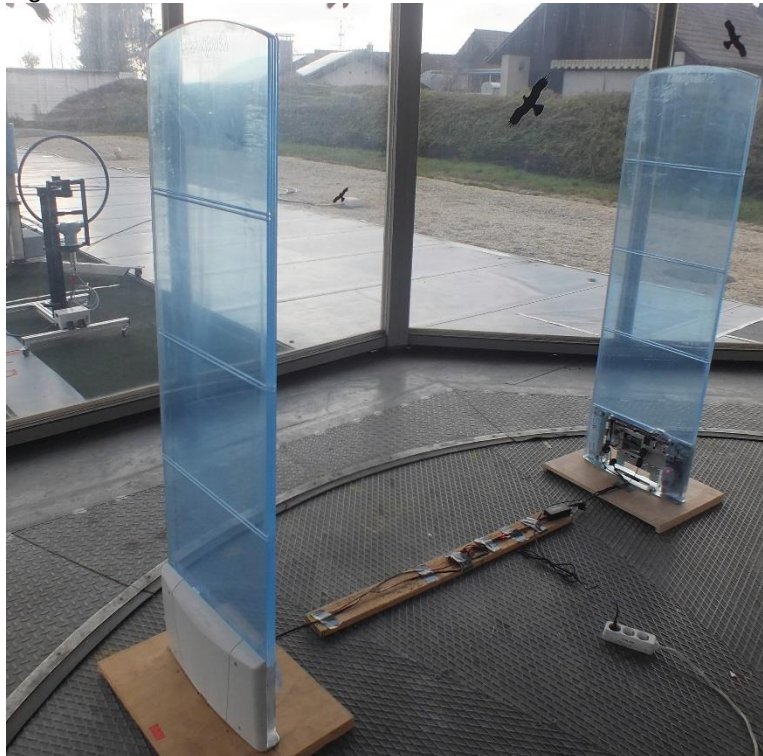


1.2 Field strength of the fundamental wave and Spurious radiated emissions in restricted bands:

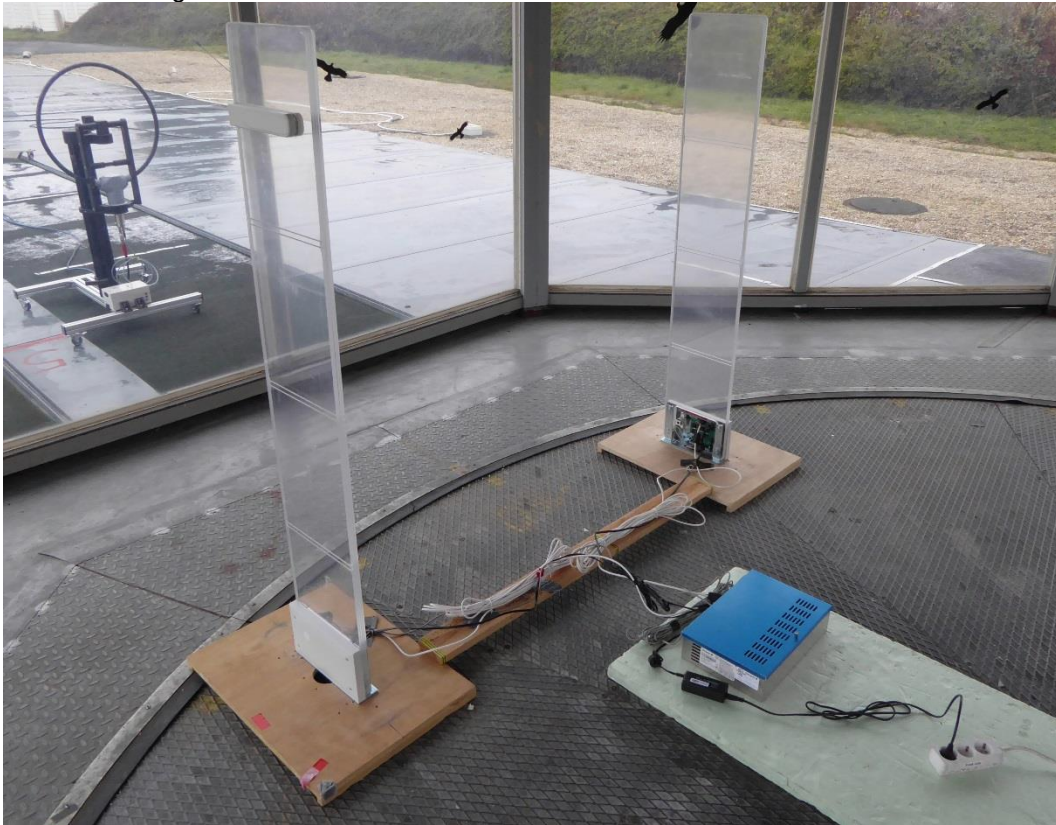
- radiated measurements 9 kHz – 30 MHz
 - o At this position the maximum (worst case) Level / Value was measured.
- ⇒ EVOLVE E10 iRange:



- ⇒ EVOLVE G10 iRange:



⇒ EVOLVE G30 iRange:



⇒ EVOLVE G35 iRange:

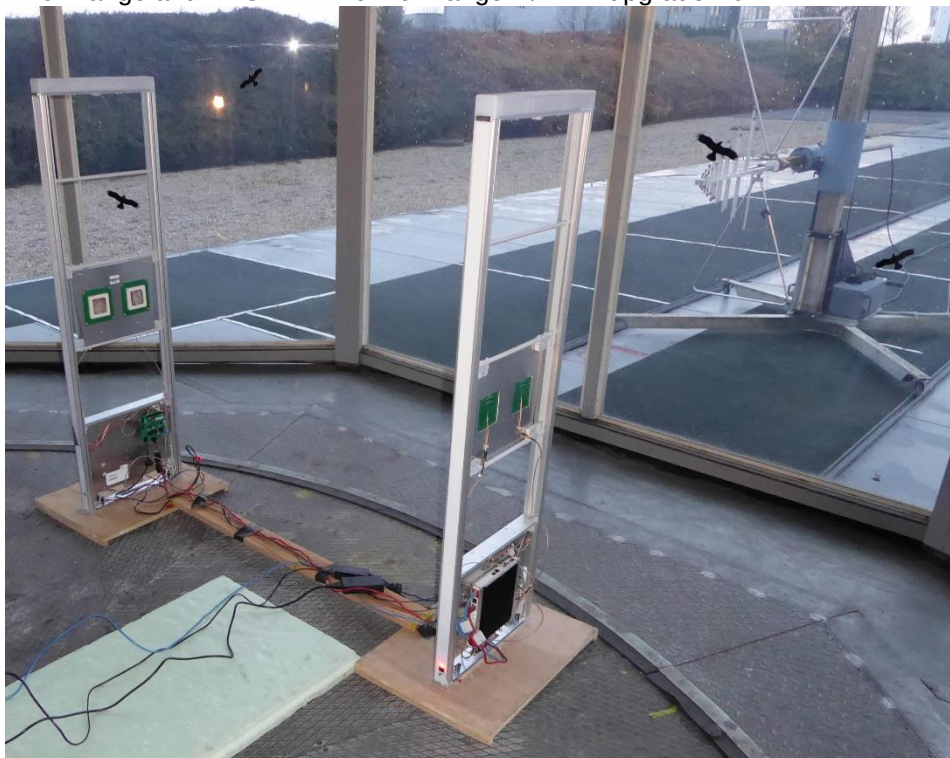


⇒ EVOLVE P10 iRange:

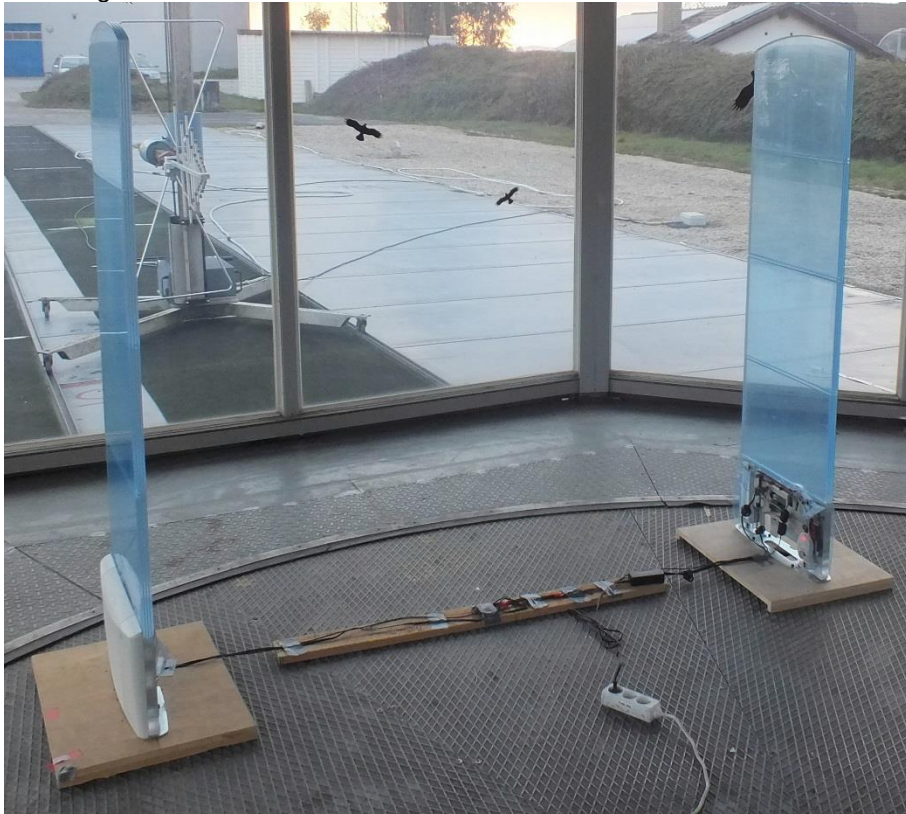


- radiated measurements 30 MHz – 1000 MHz
 - At this position the maximum (worst case) Level / Value was measured.

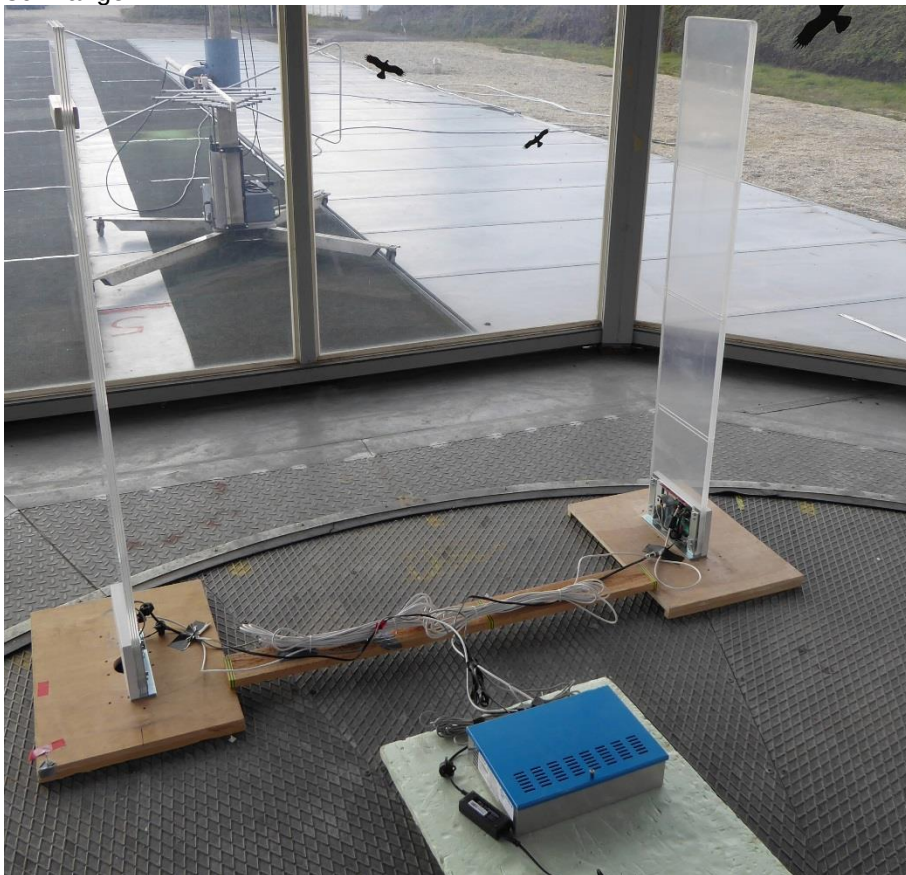
⇒ EVOLVE E10 iRange and EVOLVE E10 2.0 iRange w/RFID upgrade kit



⇒ EVOLVE G10 iRange



⇒ EVOLVE G30 iRange



⇒ EVOLVE G35 iRange



⇒ EVOLVE P10 iRange and EVOLVE P10 iRange w/RFID upgrade kit



- radiated measurements 1GHz – 10 GHz
 - o This measurement is only necessary for the builtin WRTZ-2000 UHF RFID reader
 - At this position the maximum (worst case) Level / Value was measured.
- ⇒ EVOLVE P10 iRange w/RFID upgrade kit and EVOLVE E10 iRange w/RFID upgrade kit

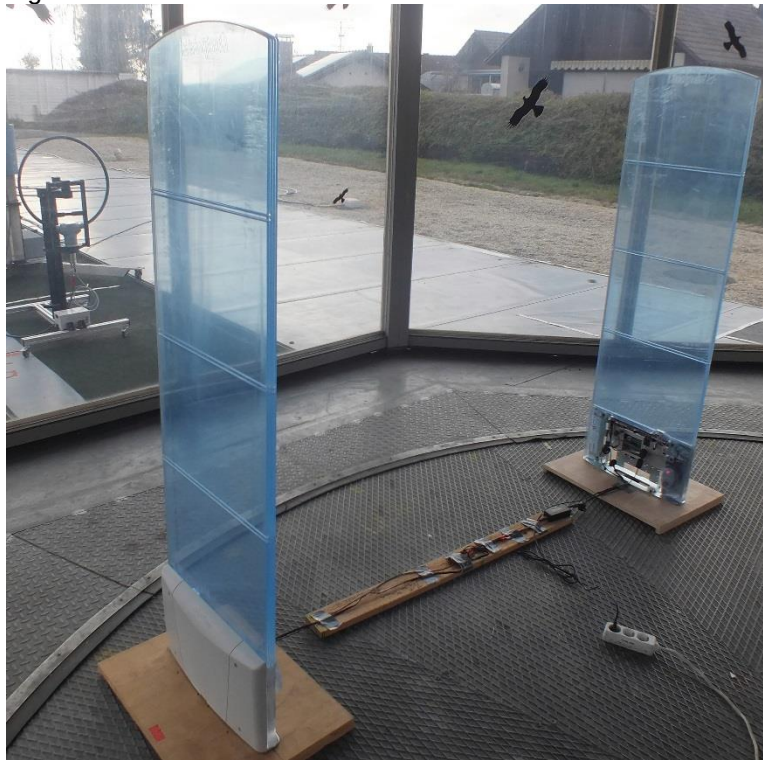


1.3 Spurious emissions (Magnetic field) 9 kHz – 30 MHz:

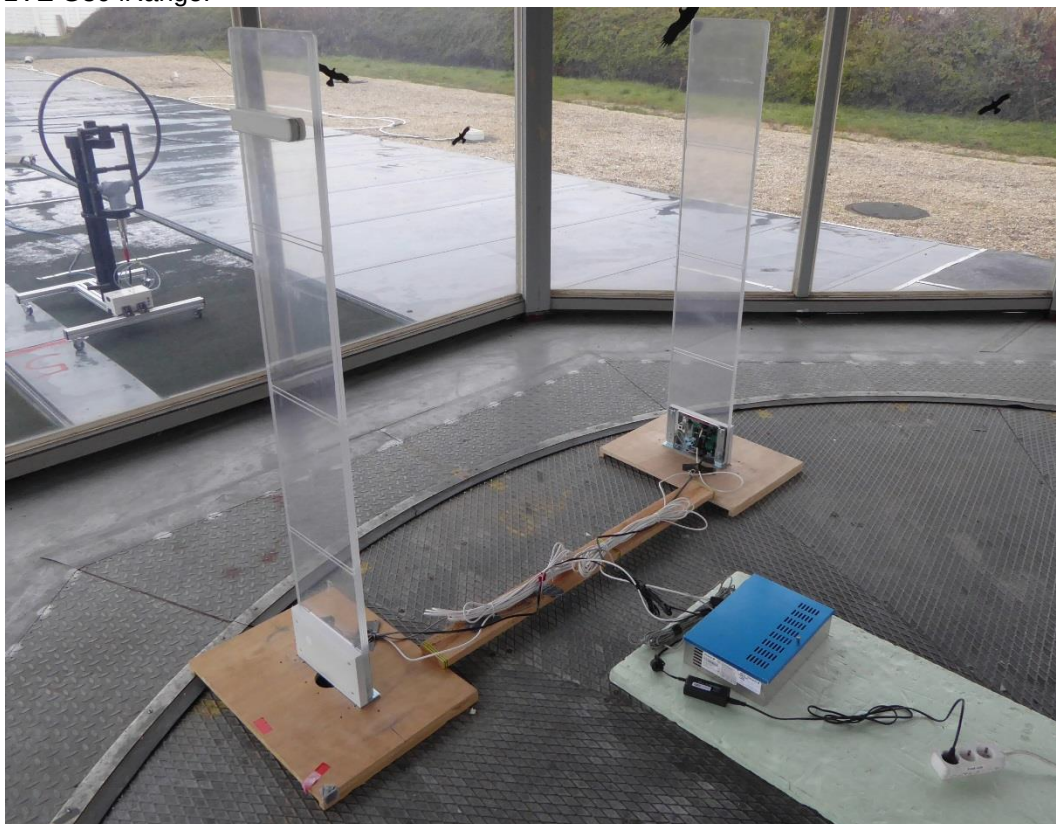
- ⇒ EVOLVE E10 iRange:



⇒ EVOLVE G10 iRange:



⇒ EVOLVE G30 iRange:



⇒ EVOLVE G35 iRange:

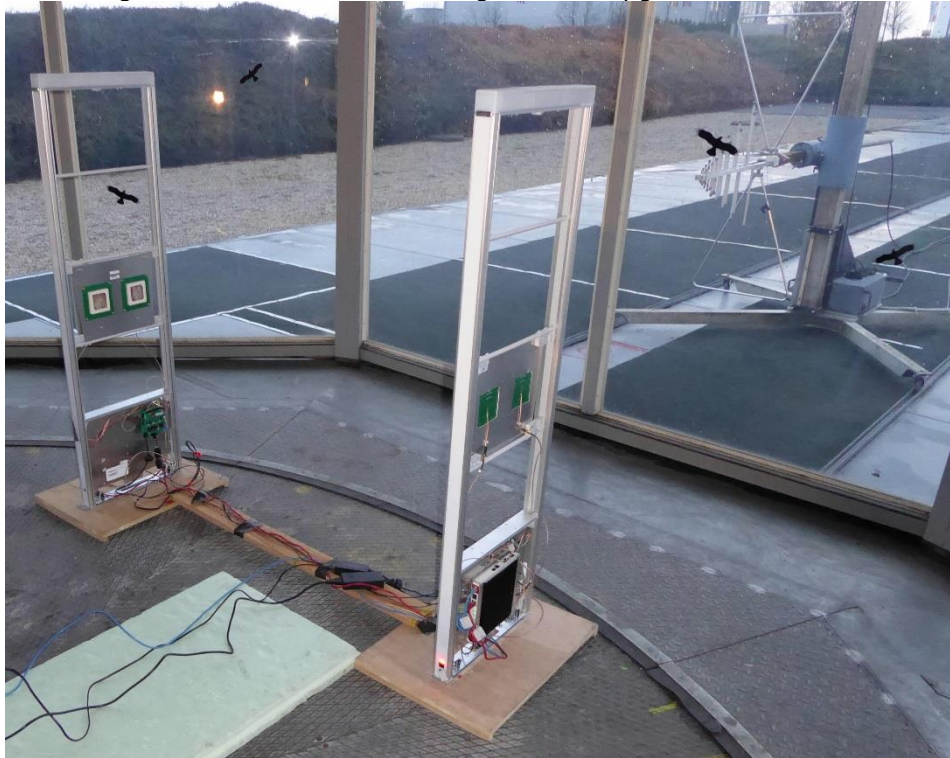


⇒ EVOLVE P10 iRange:



1.4 Radiated emissions (electric field) 30 MHz – 1 GHz

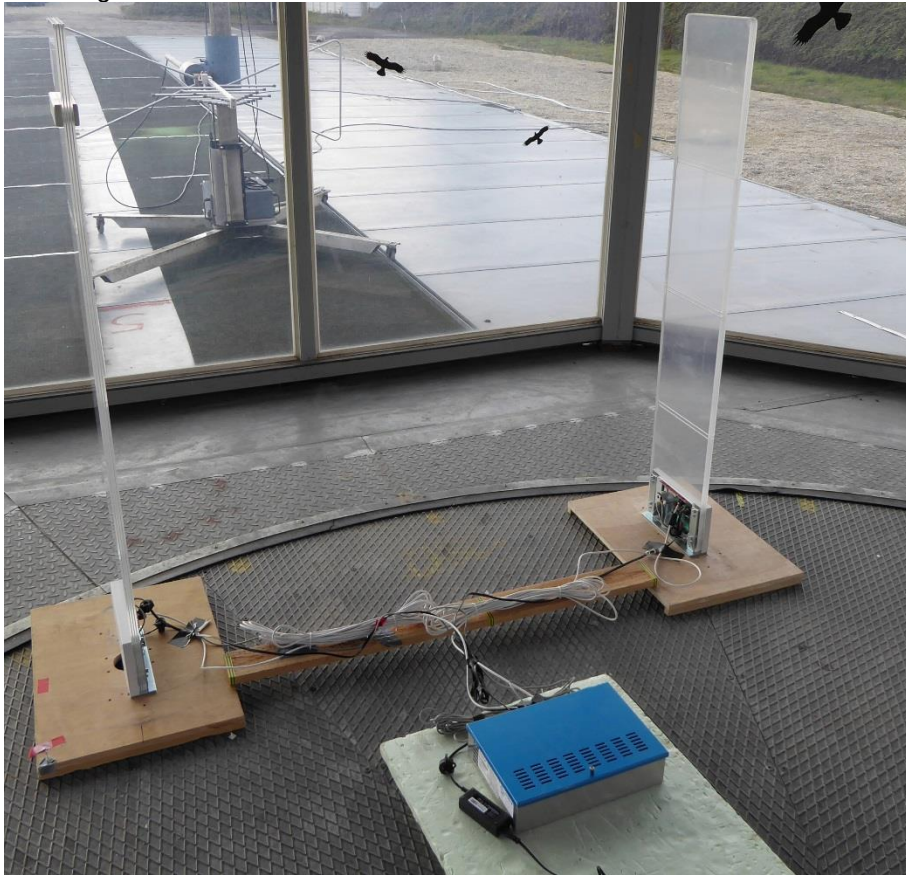
- At this position the maximum (worst case) Level / Value was measured.
- ⇒ EVOLVE E10 iRange and EVOLVE E10 2.0 iRange w/RFID upgrade kit



- ⇒ EVOLVE G10 iRange



⇒ EVOLVE G30 iRange



⇒ EVOLVE G35 iRange



⇒ EVOLVE P10 iRange and EVOLVE P10 iRange w/RFID upgrade kit



1.5 Emission Bandwidth:

⇒ EVOLVE P10 iRange

