

## ANNEX 1 TO TEST REPORT # EMCC-980398GB, 2016-04-11

### PHOTOGRAPHS OF TEST SET-UP

#### EQUIPMENT UNDER TEST:

Trade Name:	RFID Pen Style Read/Write Unit
Type Designation(s):	iID PENSolid HF
Serial Number:	Sample #1: 102067
	Sample #2: 102069
Equipment Class:	Low Power Transceiver
Manufacturer:	Micro-Sensys GmbH
Address:	In der Hochstedter Ecke 2
	99098 Erfurt
	Germany
Phone:	+49 361 59874-0
Fax:	+49 361 59874-17

**RELEVANT STANDARD(S):** 47 CFR 15.225; RSS-210 Issue 8

#### MEASUREMENT PROCEDURE:

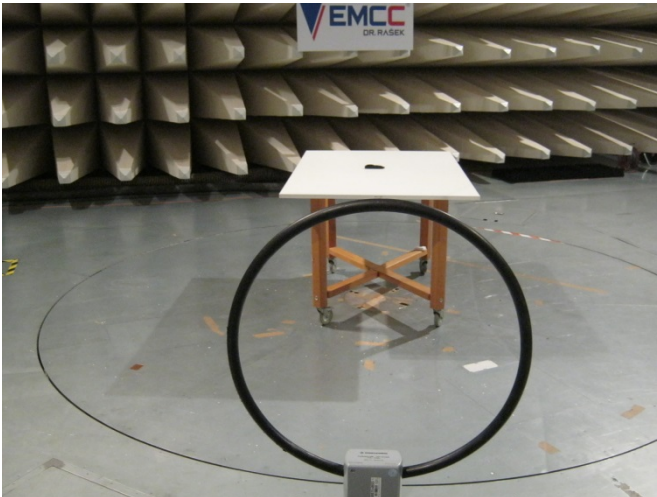
☒ RSS-Gen Issue 4 ☒ ANSI C63.10-2013 ☐ Other

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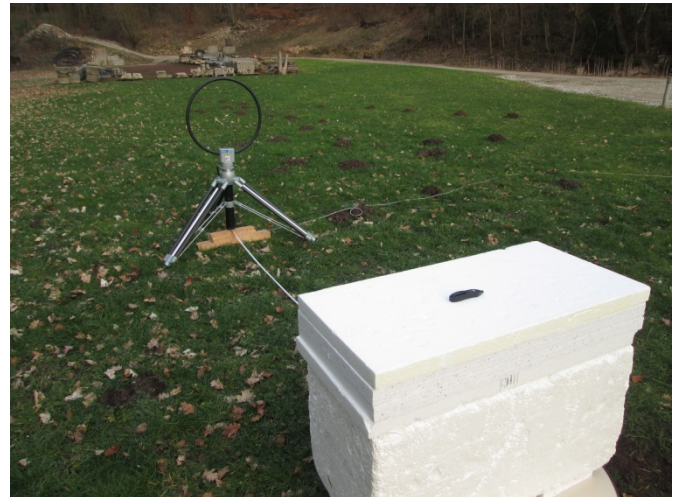
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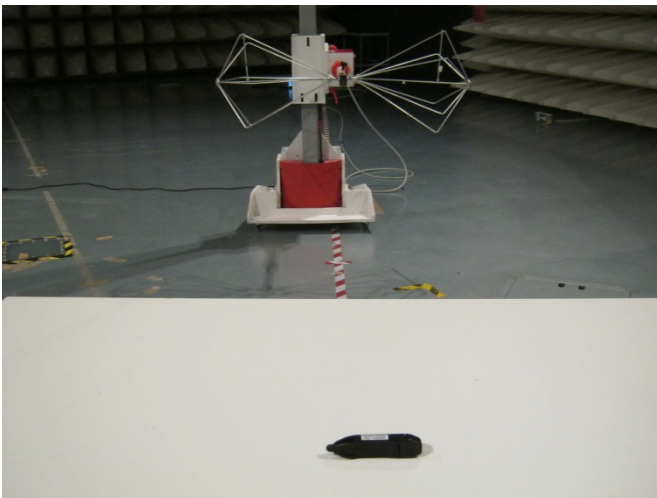
## 1 RADIATED AND CONDUCTED EMISSIONS TEST



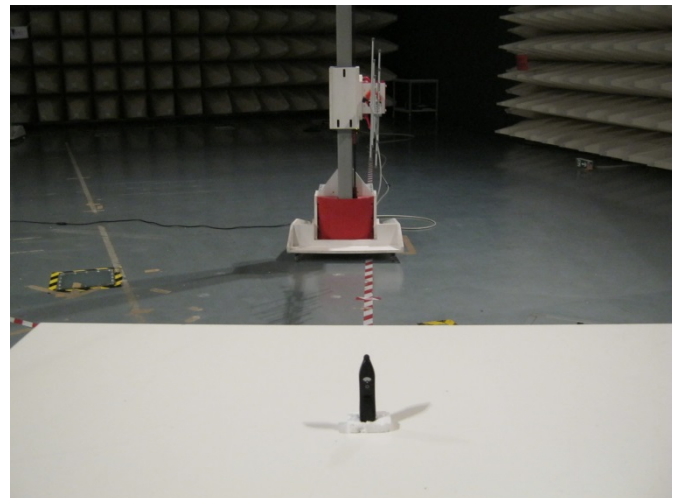
Radiated emissions measurement at 3 m distance in SAC  
9 kHz – 30 MHz



Radiated emissions measurement at 3 m distance at open  
field site; 9 kHz – 30 MHz



Radiated emissions measurement at 3 m distance  
30 MHz – 300 MHz



Radiated emissions measurement at 3 m distance  
30 MHz – 300 MHz



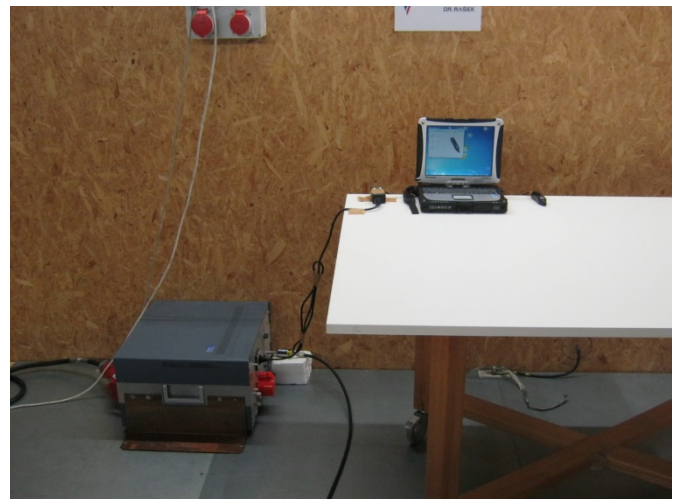
Radiated emissions measurement orientation 1



Radiated emissions measurement orientation 2



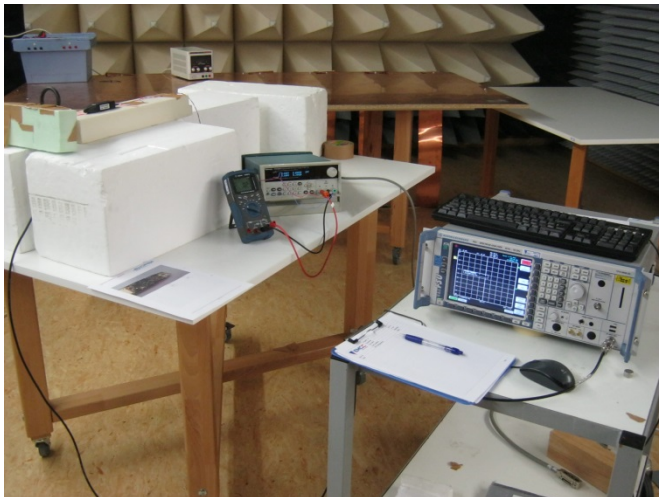
Radiated emissions measurement orientation 3



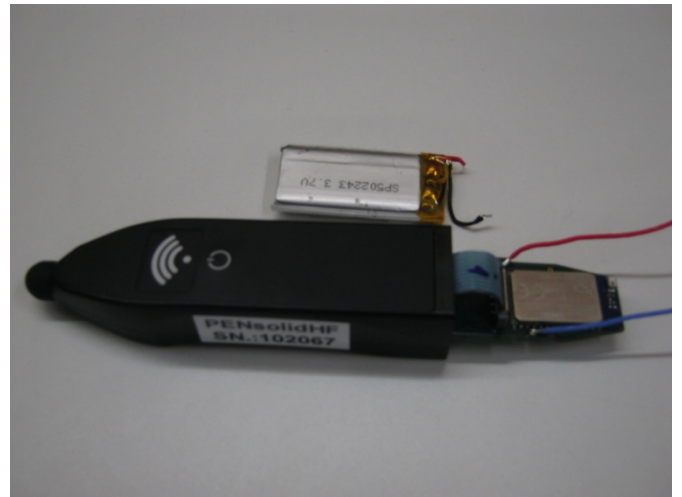
Conducted emissions measurement  
150 kHz – 30 MHz



## 2 CARRIER FREQUENCY STABILITY



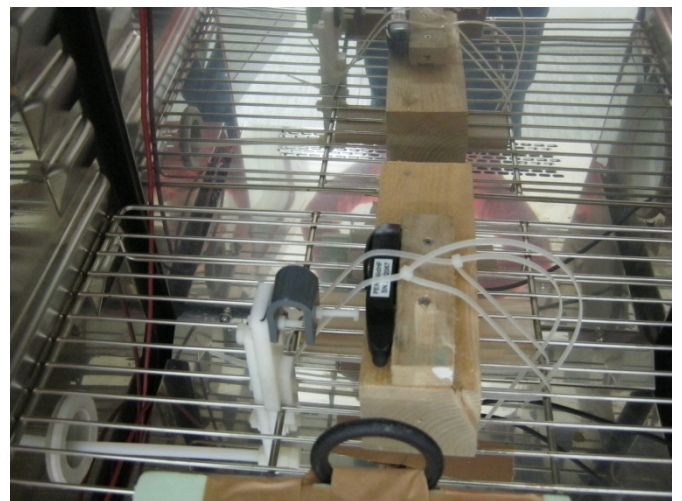
Test setup frequency stability over supply power



Detailed view of DC connection with internal lithium-ion accumulator



Test setup frequency stability over temperature



Detailed view inside climatic chamber