

**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

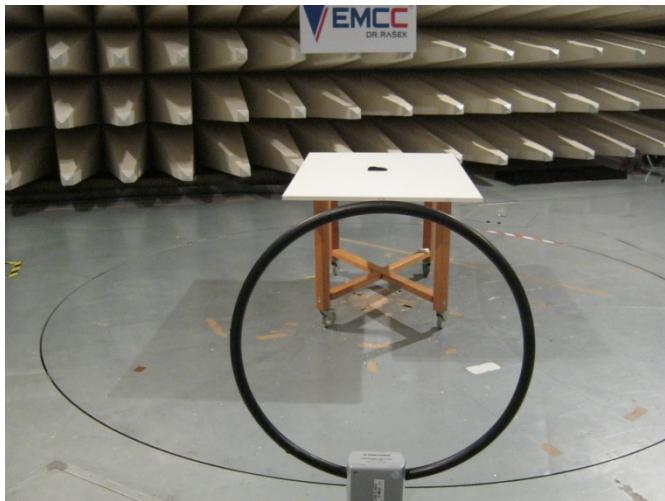
**RELEVANT STANDARD(S):** 47 CFR 15.225; RSS-210 Issue 8

**MEASUREMENT PROCEDURE:**

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

<b>CONTENTS</b>	<b>Page</b>
1 Radiated and conducted Emissions test.....	2
2 Carrier frequency stability.....	4

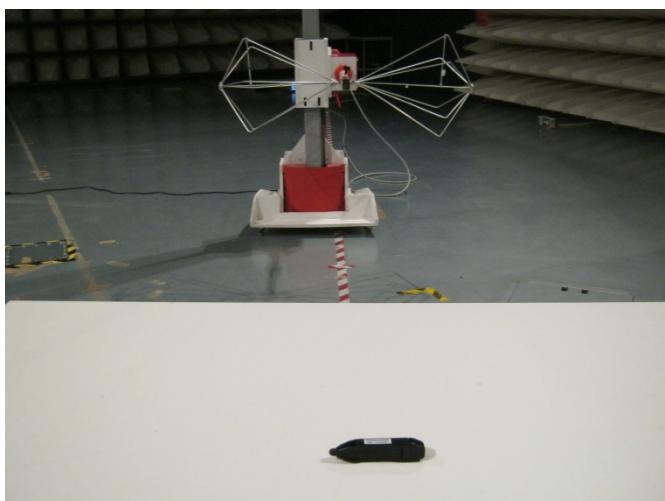
## 1 RADIATED AND CONDUCTED EMISSIONS TEST



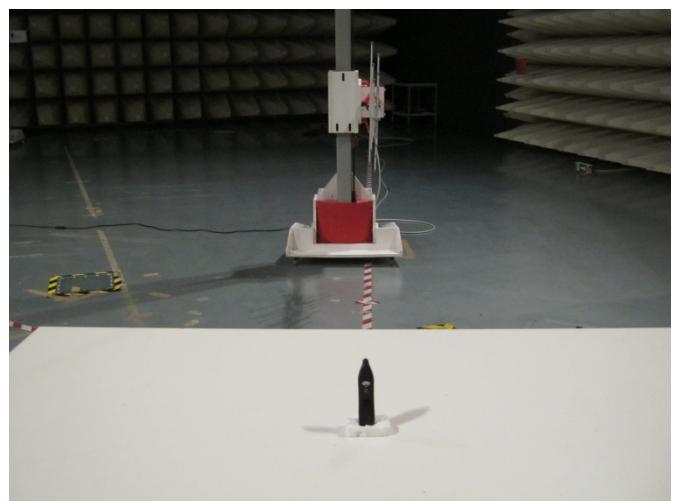
Radiated emissions measurement at 3 m distance in SAC  
9 kHz – 30 MHz



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

Test of Micro-Sensys GmbH RFID Pen Style Read/Write Unit iID PENSolid HF to 47 CFR 15.225 and RSS-210 Issue 8



Radiated emissions measurement orientation 1



Radiated emissions measurement orientation 2



Radiated emissions measurement orientation 3

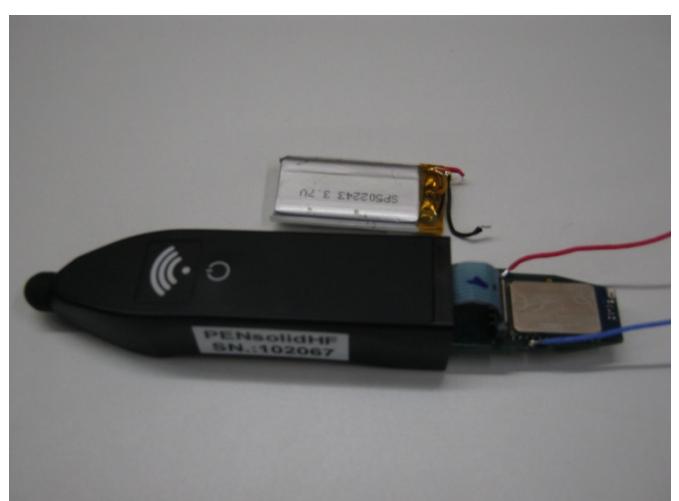


Conducted emissions measurement  
150 kHz – 30 MHz

## 2 CARRIER FREQUENCY STABILITY



Test setup frequency stability over supply power



Detailed view of DC connection with internal lithiumionen accumulator



Test setup frequency stability over temperature



Detailed view inside climatic chamber