

Annex 4: Test Setup Photographs to  
**PARTIAL TEST REPORT**  
 No.: 2-20842790-15-9a

According to:  
**FCC Regulations**  
 Part 15.209  
 Part 15.247

**IC-Regulations**  
 RSS-Gen, Issue 4  
 RSS-247, Issue 1







for

**Datalogic ADC S.r.l.**

**JOYA TOUCH**

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| Laboratory Accreditation and Listings  |   |  |  |
|--|---|--|--|
| <br>Deutsche<br>Akkreditierungsstelle<br>D-PL-12047-01-01   | <br>FEDERAL COMMUNICATIONS COMMISSION<br>U.S.A.<br>MRA US-EU 0003              | <br>Industry Canada<br>Reg. No.: 3462D-1<br>Reg. No.: 3462D-2<br>Reg. No.: 3462D-3 | <br>Voluntary Controls for<br>Electromagnetic Emissions<br>Reg. No.:<br>R-2666 C-2914,<br>T-1967, G-301 |
| <br><b>WiFi</b><br>ALLIANCE<br>AUTHORIZED<br>RF LABORATORY  | <br><b>ctia</b> Authorized <sup>TM</sup><br>Test Lab<br>Lab Code: 20011130-00 |  |  |
| accredited according to DIN EN ISO/IEC 17025   |   |  |  |
| <p align="center"> <b>CETECOM GmbH</b><br/>           Laboratory Radio Communications &amp; Electromagnetic Compatibility<br/>           Im Teelbruch 116 • 45219 Essen • Germany<br/>           Registered in Essen, Germany, Reg. No.: HRB Essen 8984<br/>           Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964<br/>           E-mail: info@cetecom.com • Internet: www.cetecom.com         </p> |   |  |  |

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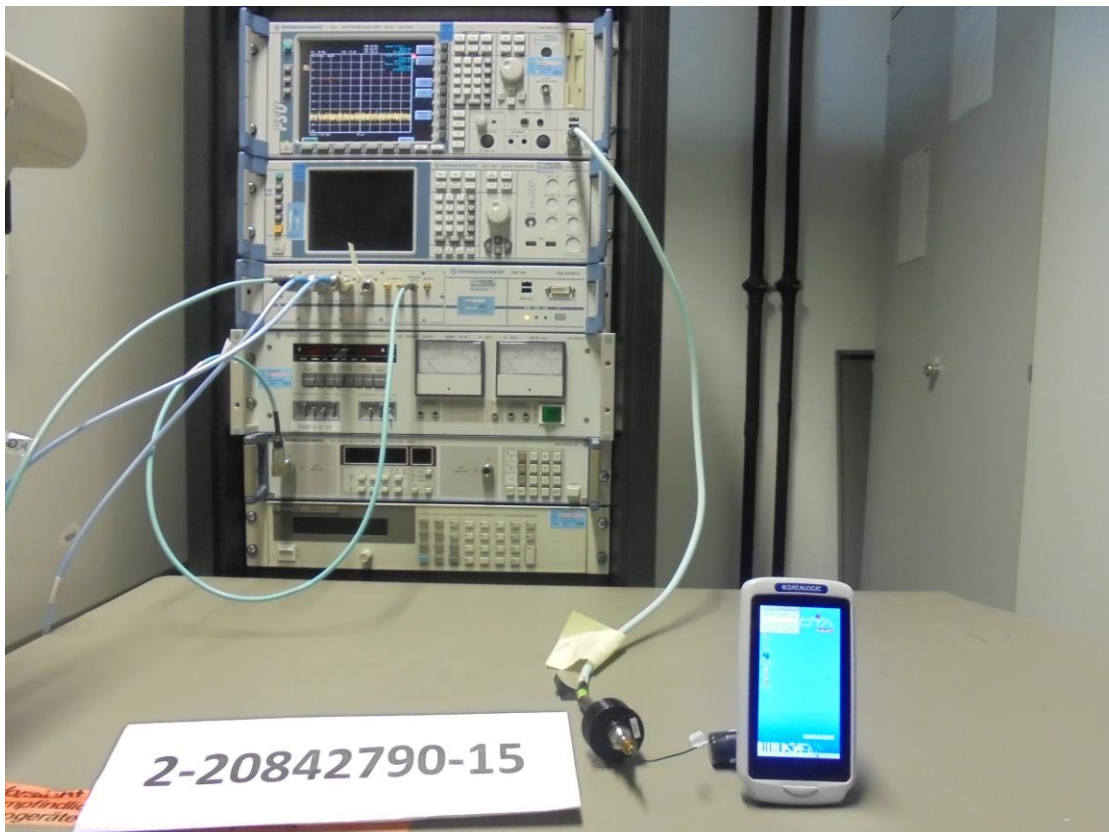
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## 1. Test set-up photographs

### 1.1. Conducted measurements ( Duty cycle, RF output power, Power spectral density)



**Photograph 1:** Conducted measurement set-up (close up view\_front side)

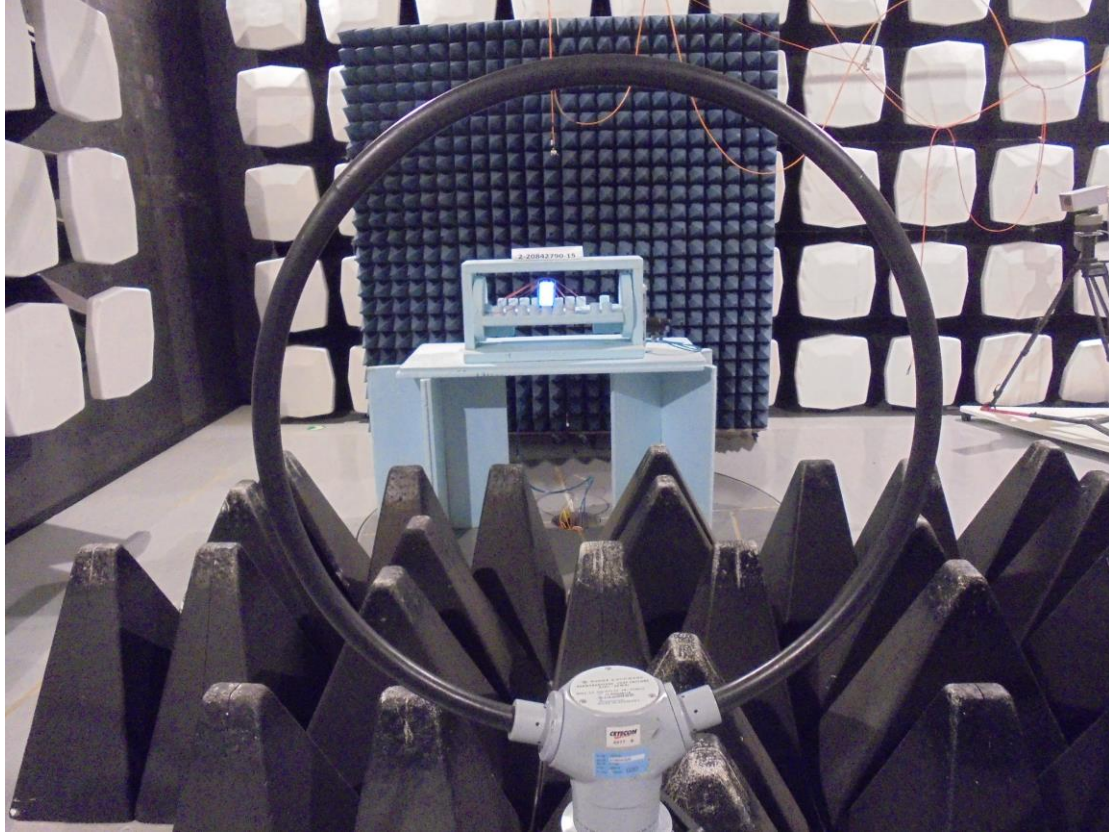


**Photograph 2:** Conducted measurement set-up (overview\_front side)

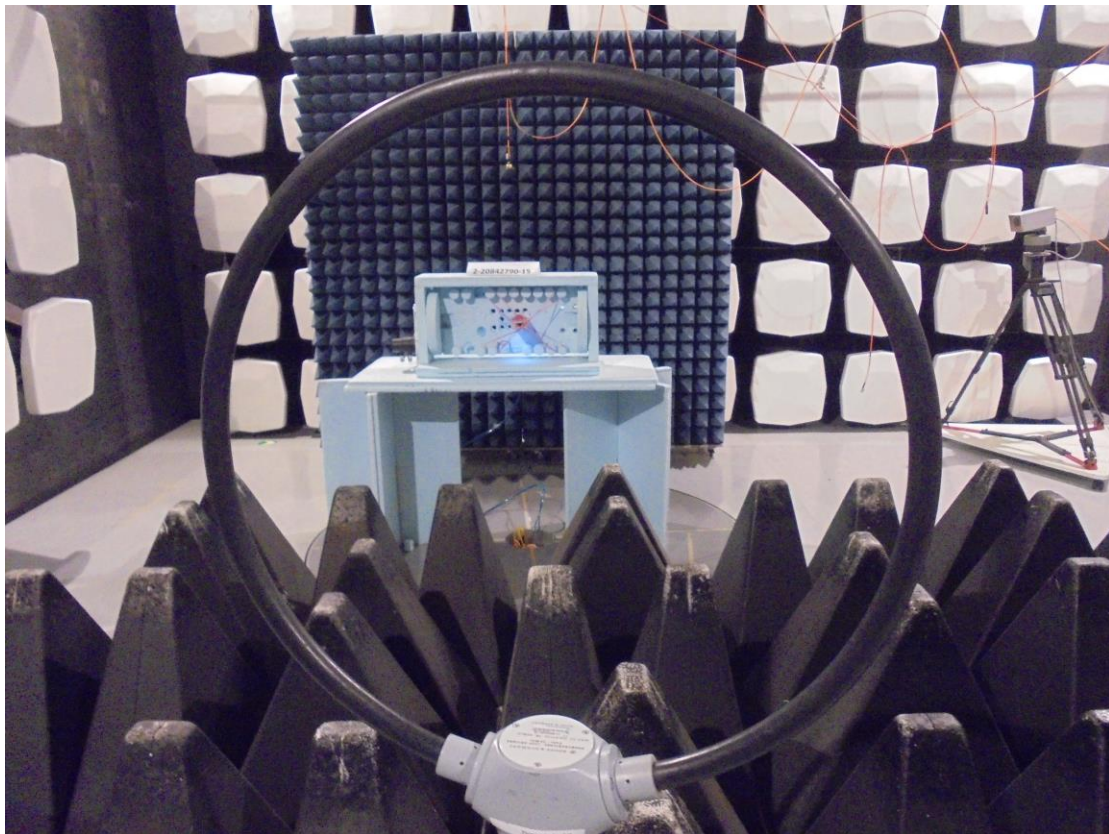


**Photograph 3:** Conducted measurement power meter set-up (overview\_front side)

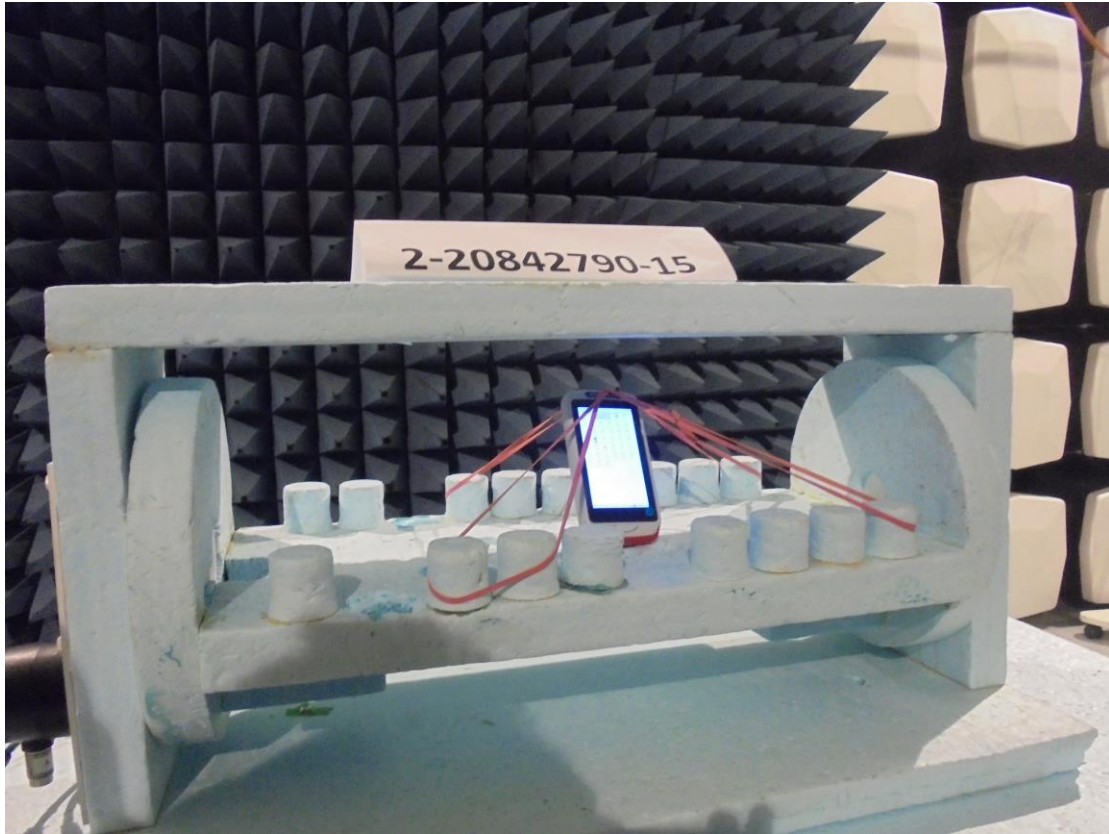
### 1.2. Radiated field strength emissions 9 kHz – 30 MHz in Semi Anechoic Chamber



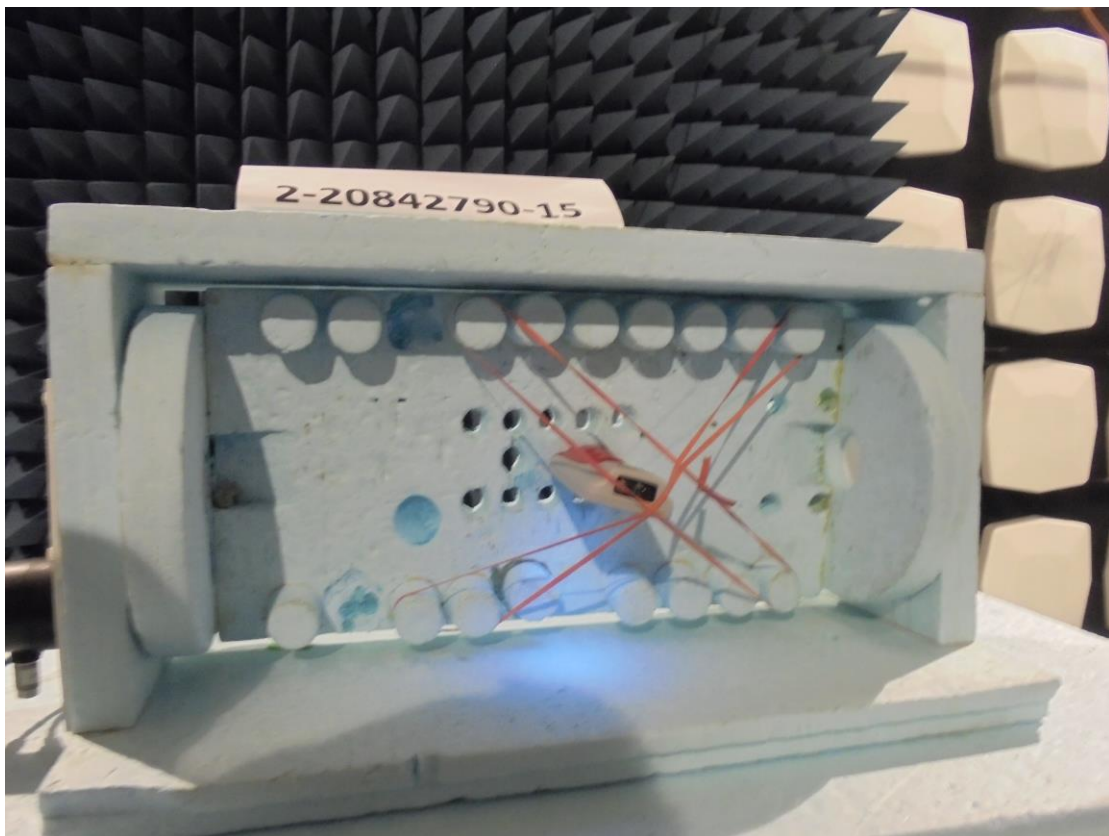
**Photograph 4:** Radiated measurement set-up (overview\_front side)\_EUT 0°



**Photograph 5:** Radiated measurement set-up (overview\_front side)\_EUT 90°

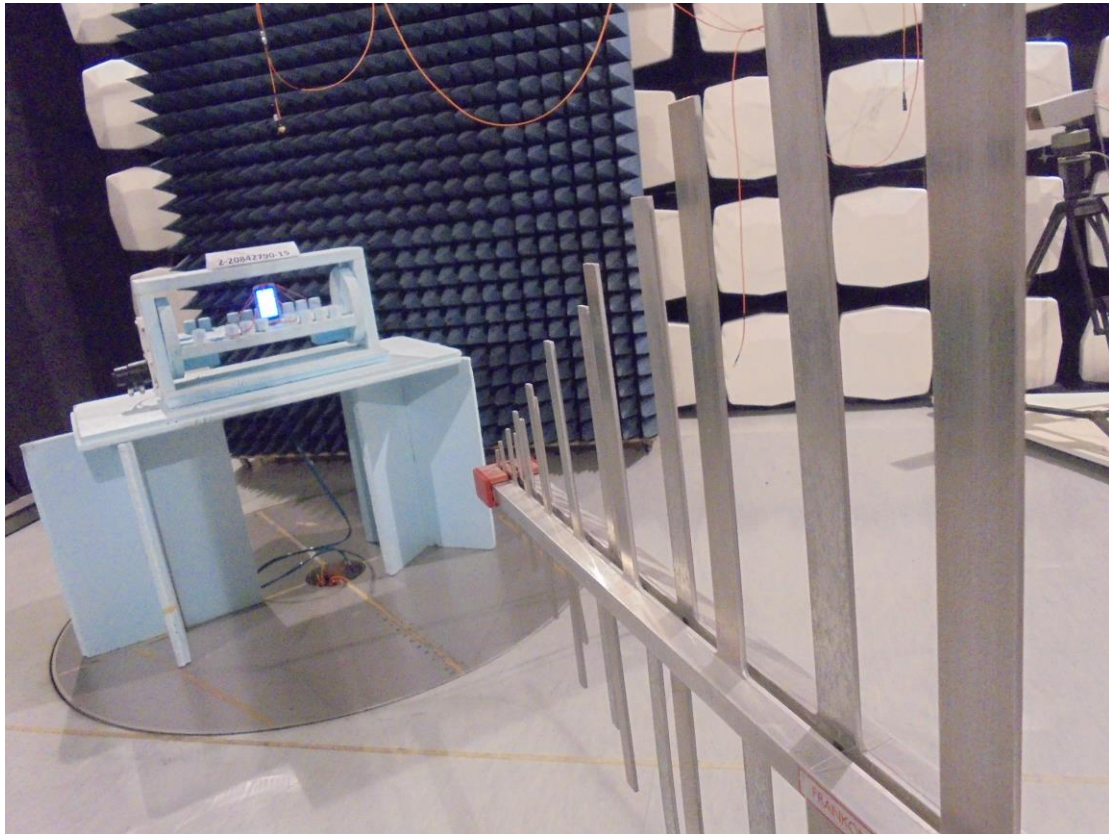


**Photograph 6:** Radiated measurement set-up (close up view\_front side)\_EUT 0°

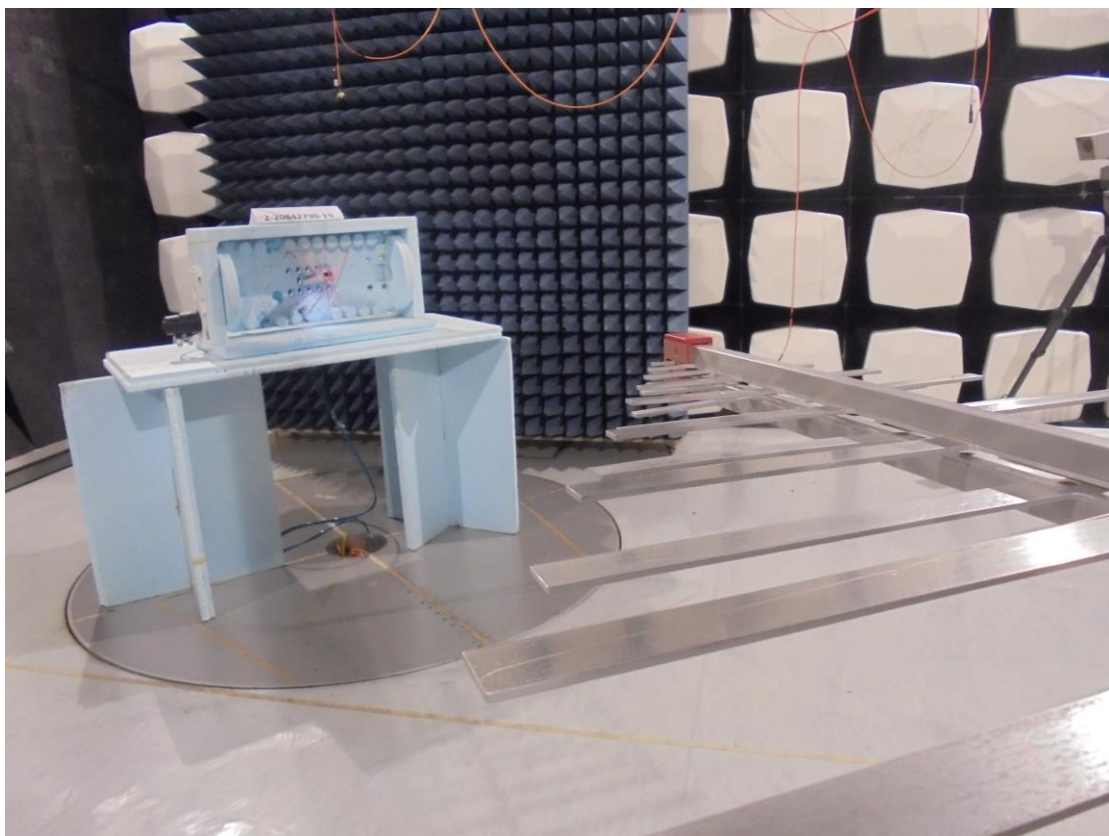


**Photograph 7:** Radiated measurement set-up (close up view\_front side)\_EUT 90°

### 1.3. Radiated field strength emissions 30 MHz – 1 GHz in Semi Anechoic Chamber



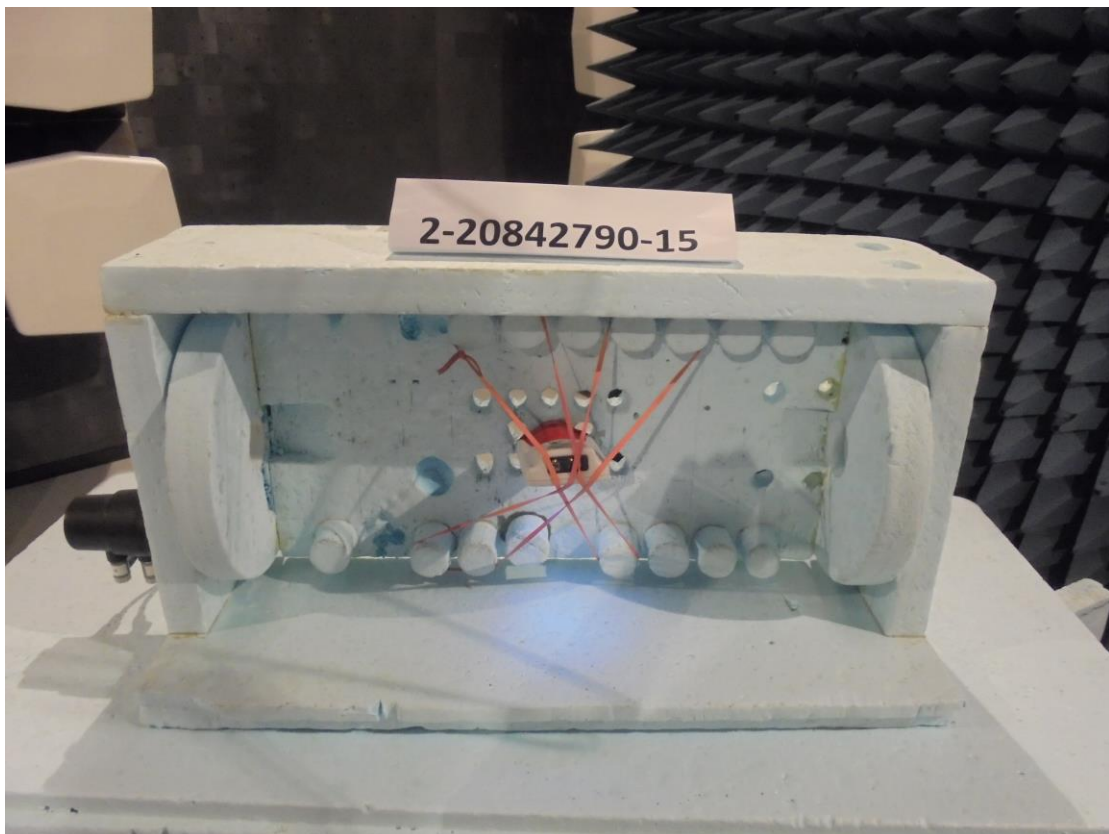
**Photograph 8:** Radiated measurement set-up (overview\_front side)\_EUT 0°



**Photograph 9:** Radiated measurement set-up (overview\_front side)\_EUT 90°



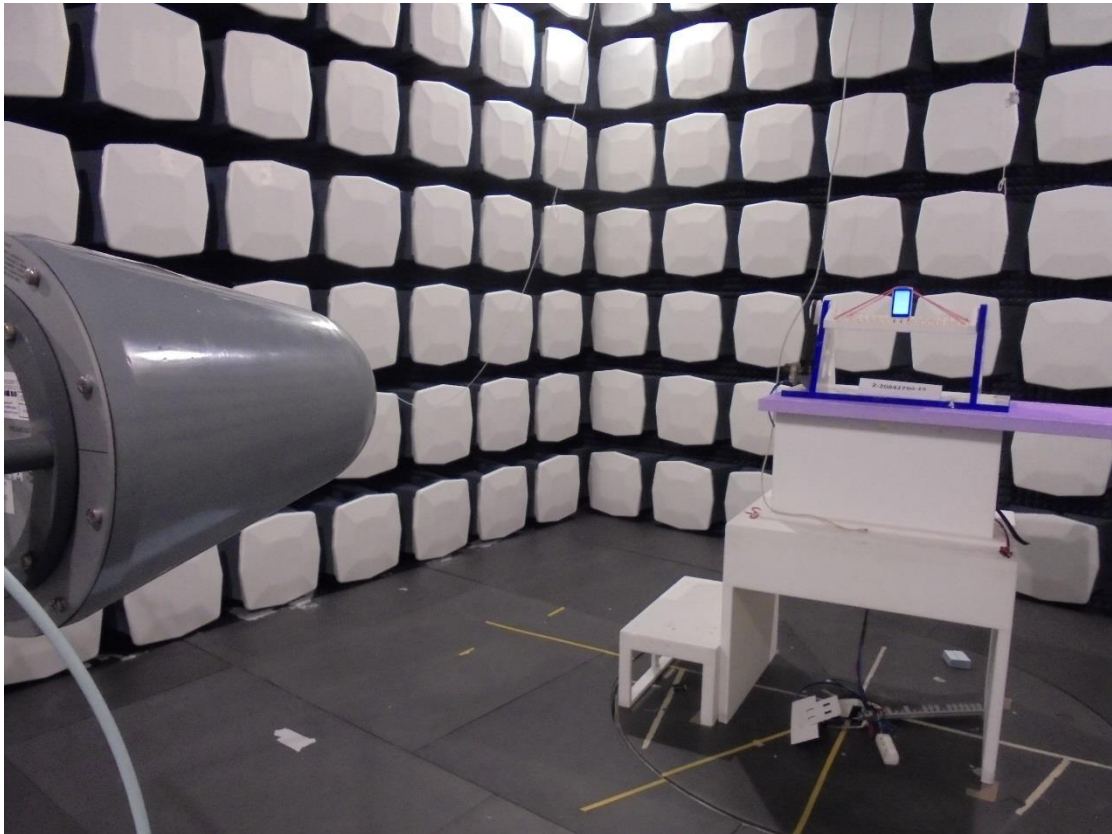
**Photograph 10:** Radiated measurement set-up (close up view\_front side)\_EUT 0°



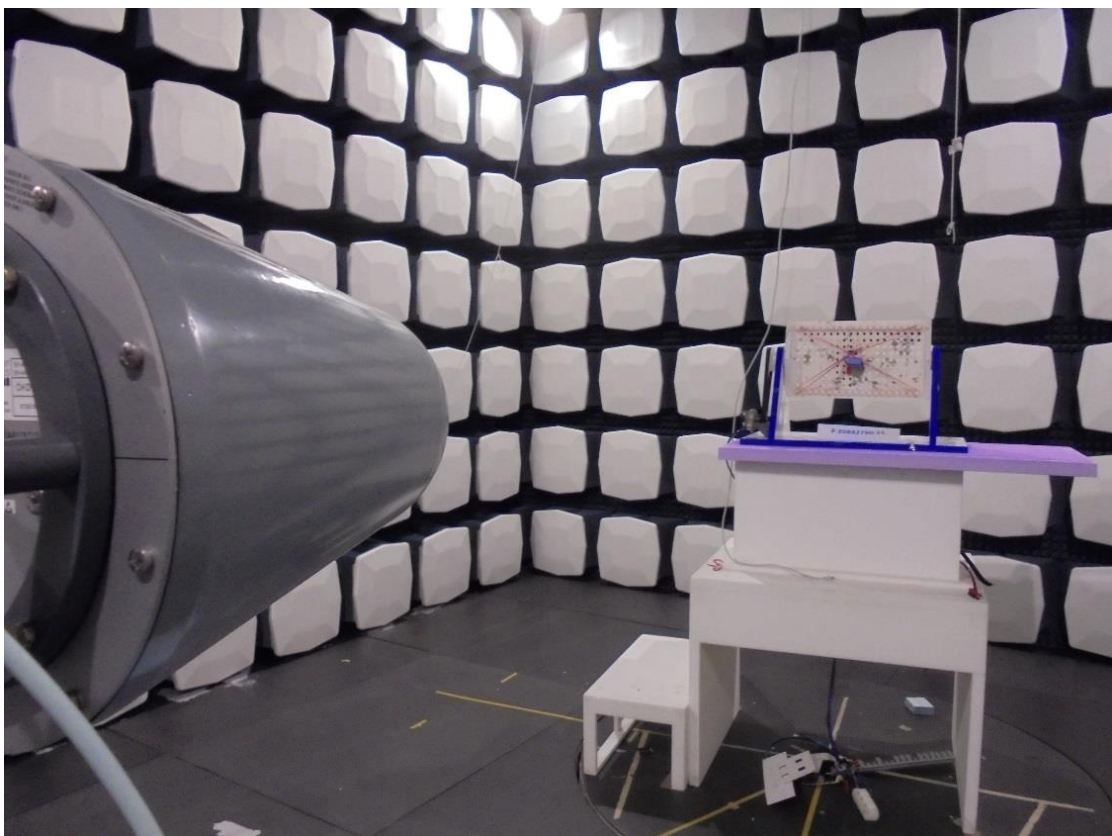
**Photograph 11s:** Radiated measurement set-up (close up view\_front side)\_EUT 90°



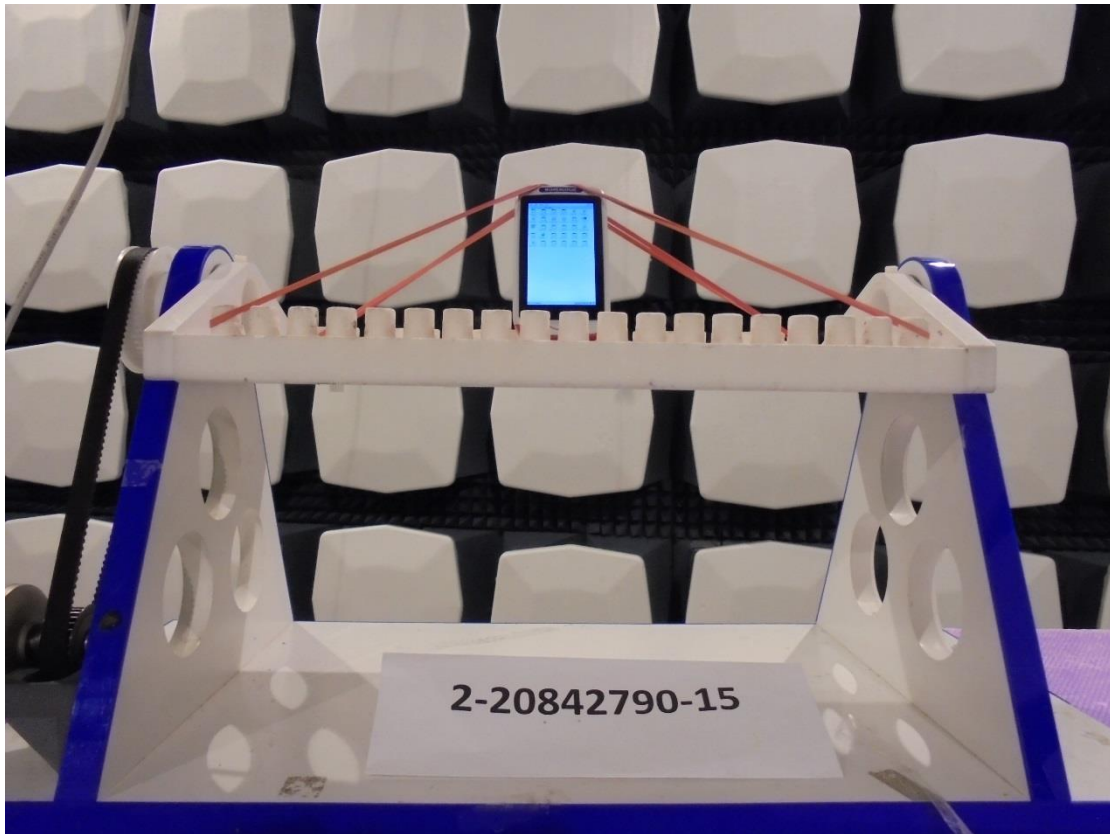
#### 1.4. Radiated field strength emissions above 1 GHz in Fully Anechoic Chamber



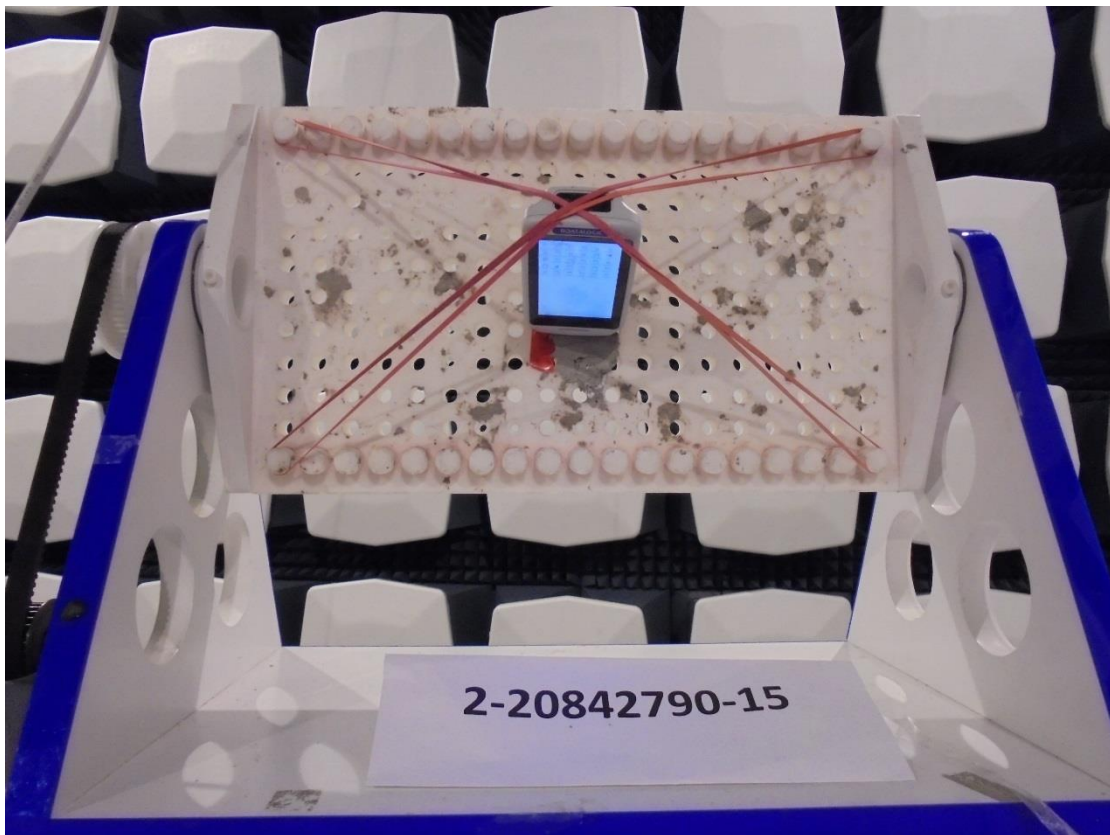
**Photograph 12:** Radiated measurement set-up (overview\_front side) \_EUT 0°



**Photograph 13:** Radiated measurement set-up (overview\_front side) \_EUT 90°



**Photograph 14:** Radiated measurement set-up (close up view\_front side) \_EUT 0°



**Photograph 15:** Radiated measurement set-up (close up view\_front side) \_EUT 90°