

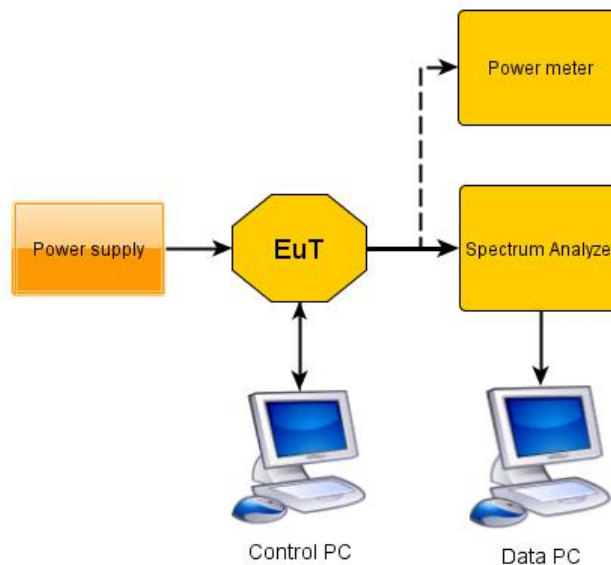
3 EQUIPMENT UNDER TEST

3.1 Photo documentation of the EuT – Detailed photos see Attachment A

3.2 Power supply system utilised

Power supply voltage : 10 V DC

3.3 Test setup



3.4 Short description of the Equipment under Test (EuT)

The new interface module is integrated in the communication network as an IWLAN client via an IWLAN access point, such as the Scalance W access point from Siemens. The module works according to the WLAN standards IEEE 802.11 a/b/g/h and therefore operates in the 2.4 and 5 GHz frequency bands. The interface module wirelessly integrates the distributed I/O system into the automation network. It is designed for harsh industrial environments with a high degree of protection (IP65/66/67) and conceived for use directly on the machine. For this purpose, the new 154-6 PN HF IWLAN interface module was developed for the Simatic ET 200pro system.

5.4 Undesirable emissions

For test instruments and accessories used see section 6 Part **SEC 1, SEC 2, SEC 3, SER 2 and SER 3.**

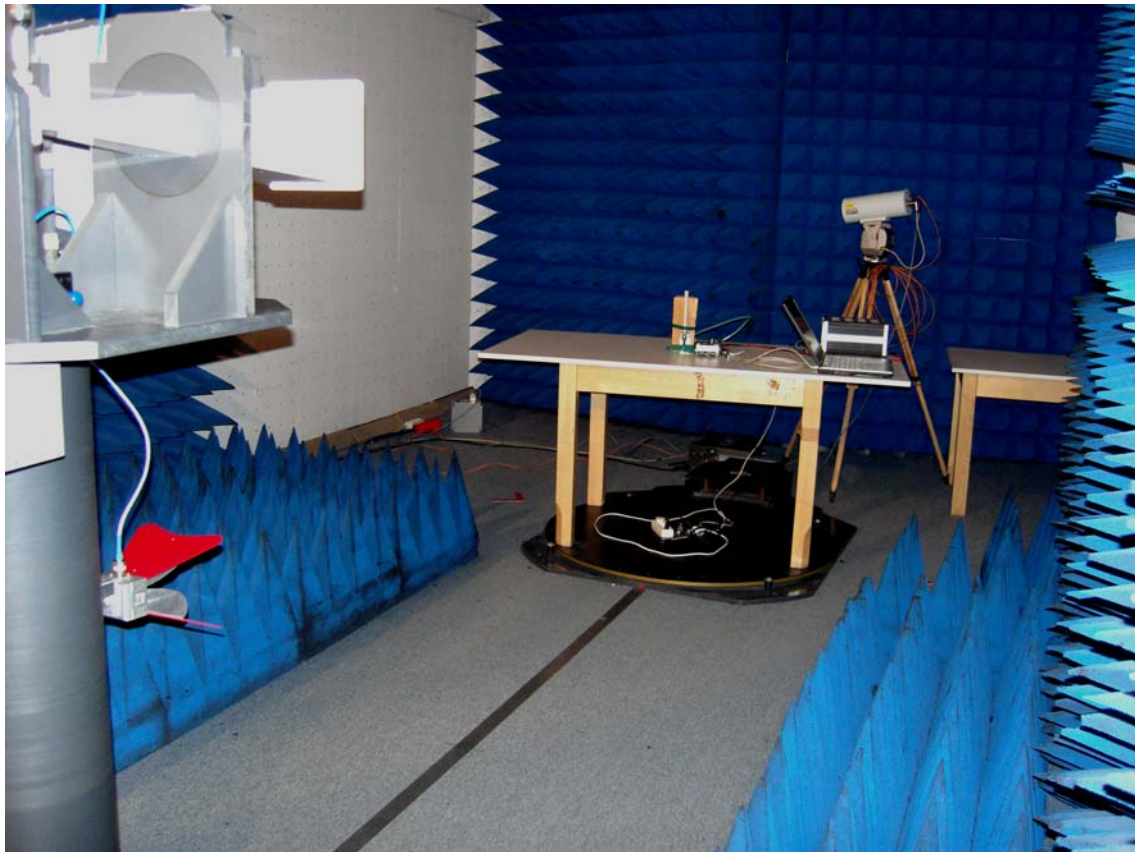
5.4.1 Description of the test location

Test location: OATS1
Anechoic Chamber A2

Test distance: 3 metres

5.4.2 Photo documentation of the test set-up

Anechoic chamber



Open area test site

