

## 5.6 Radiated spurious emissions (transmit and receive mode)

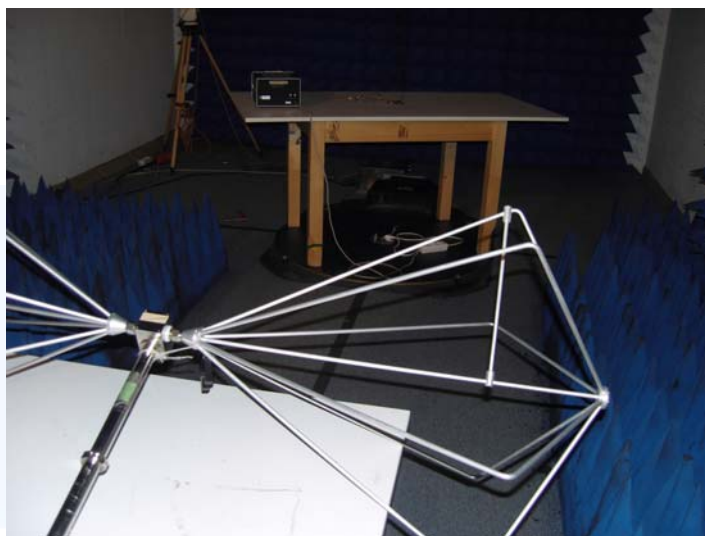
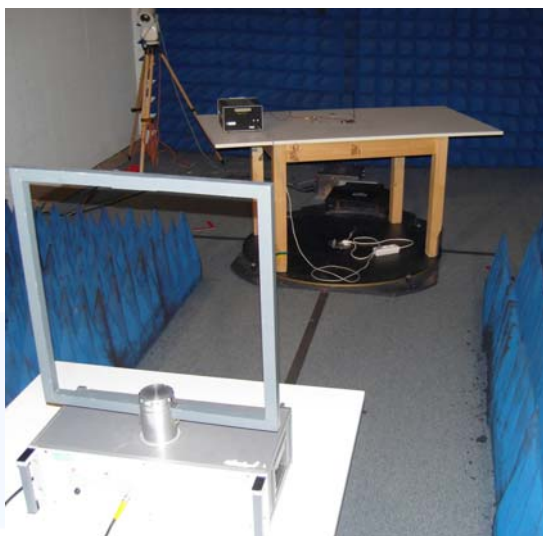
For test instruments and accessories used see section 6 Part **SER1**, **SER 2**, **SER 3**.

### 5.6.1 Description of the test location

Test location: Anechoic Chamber A2

Test distance: 3 metres

### 5.6.2 Photo documentation of the test set-up



## 5 TEST CONDITIONS AND RESULTS

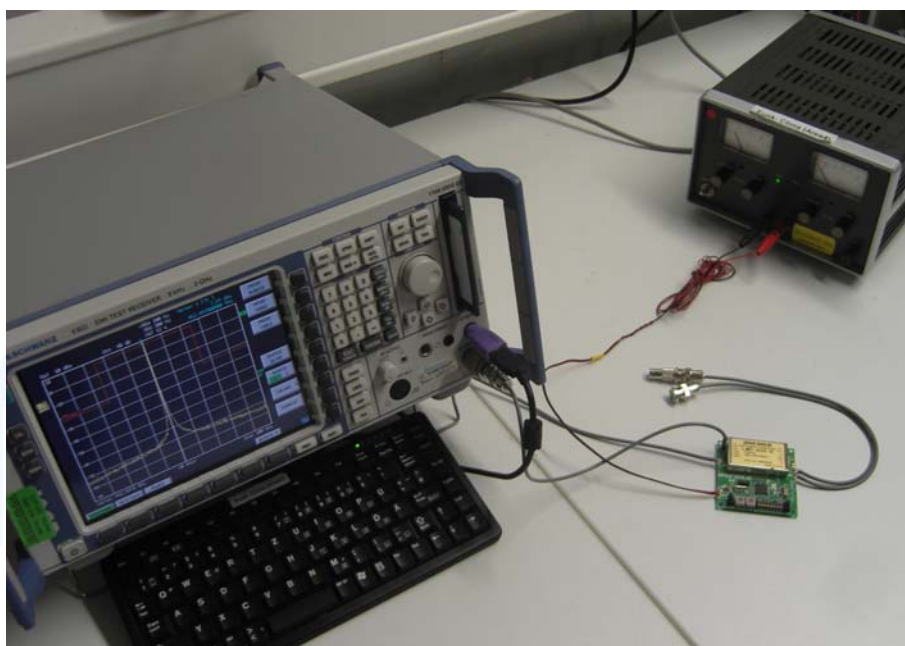
### 5.1 Maximum output power

For test instruments and accessories used see section 6 Part **CPC 3**.

#### 5.1.1 Description of the test location

Test location: AREA4

#### 5.1.2 Photo documentation of the test set-up



#### 5.1.3 Applicable standard

According to FCC Part 90, Section 90.217 and Part 2, Section 2.1046:

Except as noted herein, transmitters used at stations licensed below 800 MHz on any frequency listed in subparts B and C of this part or licensed on a business category channel above 800 MHz which have an output power not exceeding 120 mW are exempt from the technical requirements set out in this subpart.

#### 5.1.4 Description of Measurement

The transmitter output was connected to the spectrum analyzer through an attenuator. The center frequency of the spectrum analyzer is set to the fundamental frequency. The span of the spectrum analyzer should be larger than the emission bandwidth (EBW). The cable loss or other external attenuation was taken into account and expressed in a correction factor. The absolute maximum peak output power is calculated by adding the reading of the analyzer plus correction and compared with the limit.

Spectrum analyzer settings:

RBW 120 kHz

Detector Peak