# 5 TEST CONDITIONS AND RESULTS

## 5.1 Field strength of the fundamental wave

For test instruments and accessories used see section 6 Part **CPR 1**.

### 5.1.1 Description of the test location

Test location: OATS1

Test distance: 3 metres

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

### 5.1.1 Applicable standard

According to FCC Part 15C, Section 15.209:
The emissions from intentional radiators shall not exceed the effective field strength limits.

## 5.2 Spurious emissions

For test instruments and accessories used see section 6 Part **SER 1**.

### 5.2.1 Description of the test location

Test location: OATS1

Test distance: 3 metres

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

### 5.2.3 Applicable standard

According to FCC Part 15C, Section 15.209:
The emissions from intentional radiators shall not exceed the effective field strength limits.

### 5.2.4 Description of Measurement

The spurious emissions of the EUT have to be measured at an open area test site in the frequency range from 9 kHz to 30 MHz using a tuned EMI receiver. The set up of the equipment under test will be in accordance with ANSI C63.4. The measurement has been performed at 3 m. The results have been compared to the limits defined at 30 m or 300 m distances according to FCC Part 15C, Section 15.31(f)(2) using an inverse linear distance extrapolation factor of 40 dB/decade. The final measurement has been performed with the EMI receiver using PK detector. The PK result was compared with the quasi peak limit, except for the frequency bands 9 kHz to 90 kHz and 110 to 490 kHz where the average limit will be used, to show compliance.
The resolution bandwidth during the measurement is as follows:

| | | |
|---|---|---|
| 9 kHz – 150 kHz: | RBW: | 200 Hz |
| 150 kHz – 30 MHz: | RBW: | 9 kHz |

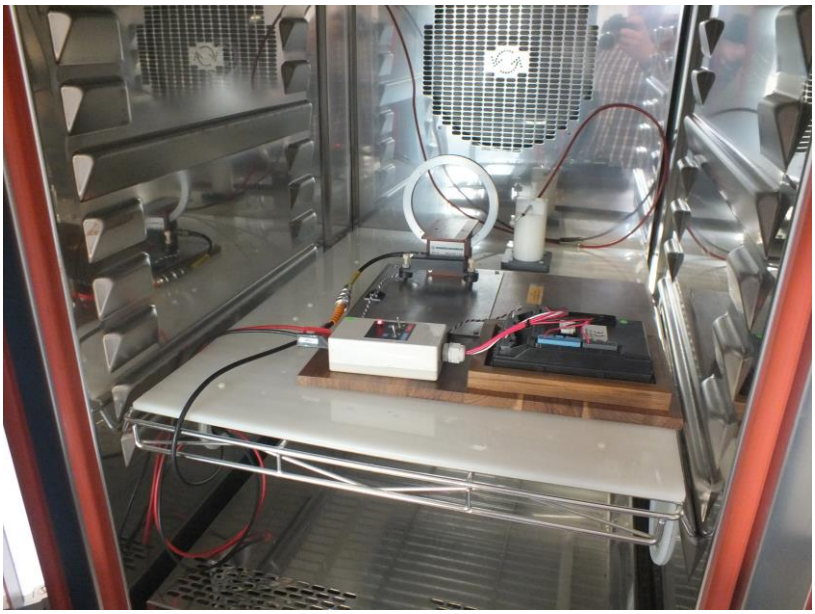
## 5.3 Emission bandwidth

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

### 5.3.1 Description of the test location

Test location: AREA4

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



**Remarks:** none