



**47 CFR PART 24E TEST SETUP PHOTOGRAPHS OF A  
W-CDMA SUBSCRIBER TERMINAL (PCS LICENSED  
TRANSMITTER), BRAND SOMA NETWORKS,  
MODEL CPE-310-200.**

**Sanyo Testing Laboratory Co., Ltd.  
7-3-2 Higashimachi, Ibukidai, Nishi-ku  
Kobe-city, Hyogo Prefecture  
651-2242 Japan**

Telephone: +81 78 993 1062  
Telefax: +81 78 993 1097



Description of EUT: W-CDMA subscriber terminal (PCS licensed transmitter)  
Manufacturer: Sanyo Electric Co., Ltd.  
Brand mark: SOMA Networks  
Model: CPE-310-200  
FCC ID: AEZCPE-310-200

---

**Description of test item**

Test item : W-CDMA subscriber terminal  
Manufacturer : Sanyo Electric Co., Ltd.  
Brand : SOMA Networks  
Model : CPE-310-200  
Serial numbers : -  
Revision : -  
Receipt number : 1  
Receipt date : November 22, 2005

**Applicant information**

Applicant's representative : Mr. O. Shimizu  
Company : Sanyo Electric Co., Ltd.  
Address : 1-1 Sanyo-cho Daito City  
Postal code : 574-8534  
City : Osaka  
PO-box : -  
Postal code : -  
City : -  
Country : Japan  
Telephone number : +81 72 870 6532  
Telefax number : +81 72 870 6597

This report shall not be reproduced, except in full, without the written permission of Sanyo Testing Laboratory Co., Ltd.  
The test results relate only to the item(s) tested.



Description of EUT: W-CDMA subscriber terminal (PCS licensed transmitter)  
Manufacturer: Sanyo Electric Co., Ltd.  
Brand mark: SOMA Networks  
Model: CPE-310-200  
FCC ID: AEZCPE-310-200

---

## **Table of contents**

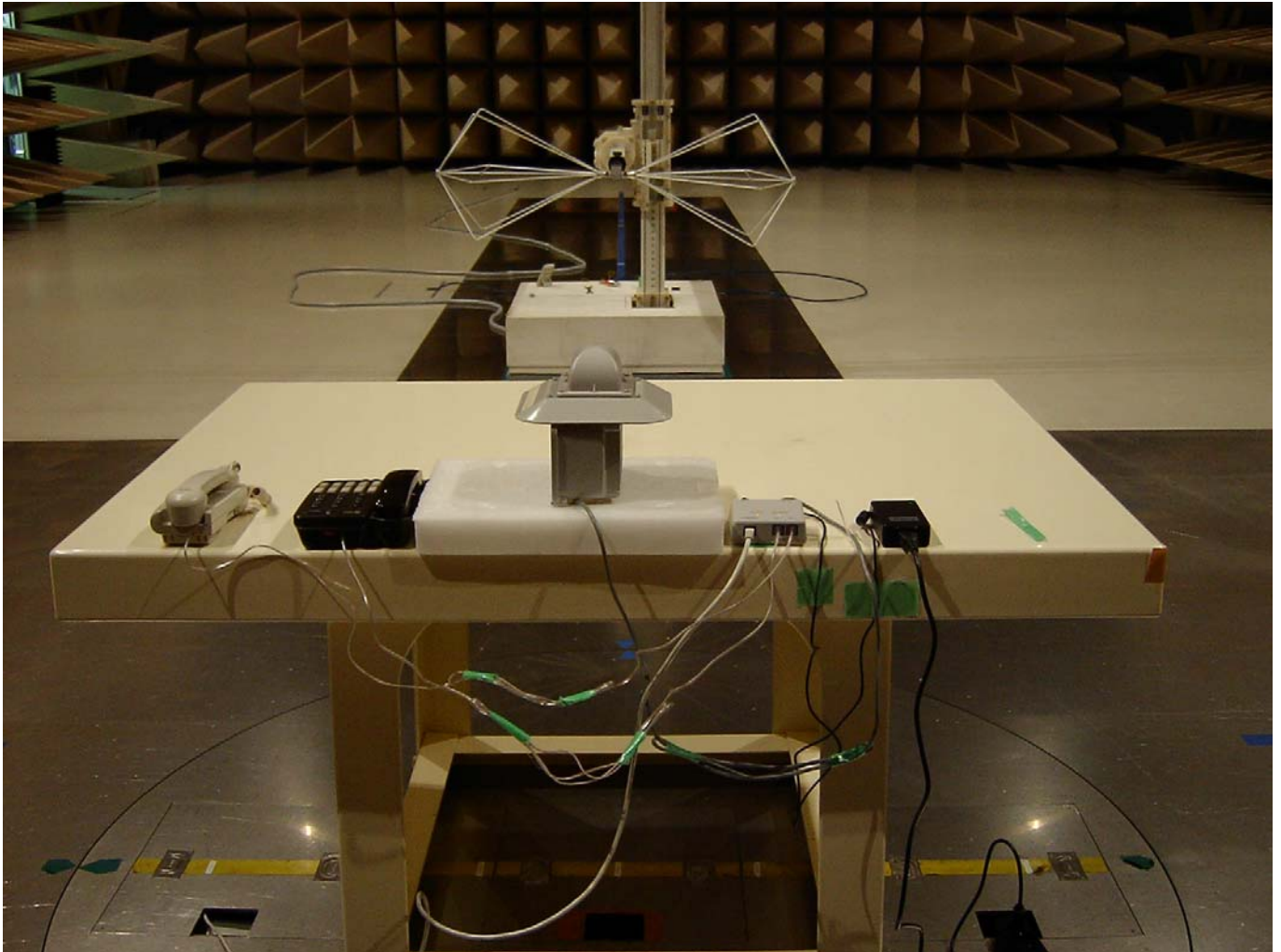
1	Radiated emission test setup.....	4
1.1	Radiated emission test setup (front).....	4
1.2	Radiated emission test setup (back).....	5
1.3	RF output power (eirp) measurement test setup.....	6
2	Conducted emission test setup.....	8
2.1	Conducted emission test setup (front).....	8
2.2	Conducted emission test setup (back).....	9
3	Conducted RF measurements test setup.....	10
3.1	RF output power measurement test setup.....	10
3.2	Occupied bandwidth measurement test setup.....	11
3.3	Frequency stability measurement test setup.....	12

## 1 Radiated emission test setup.

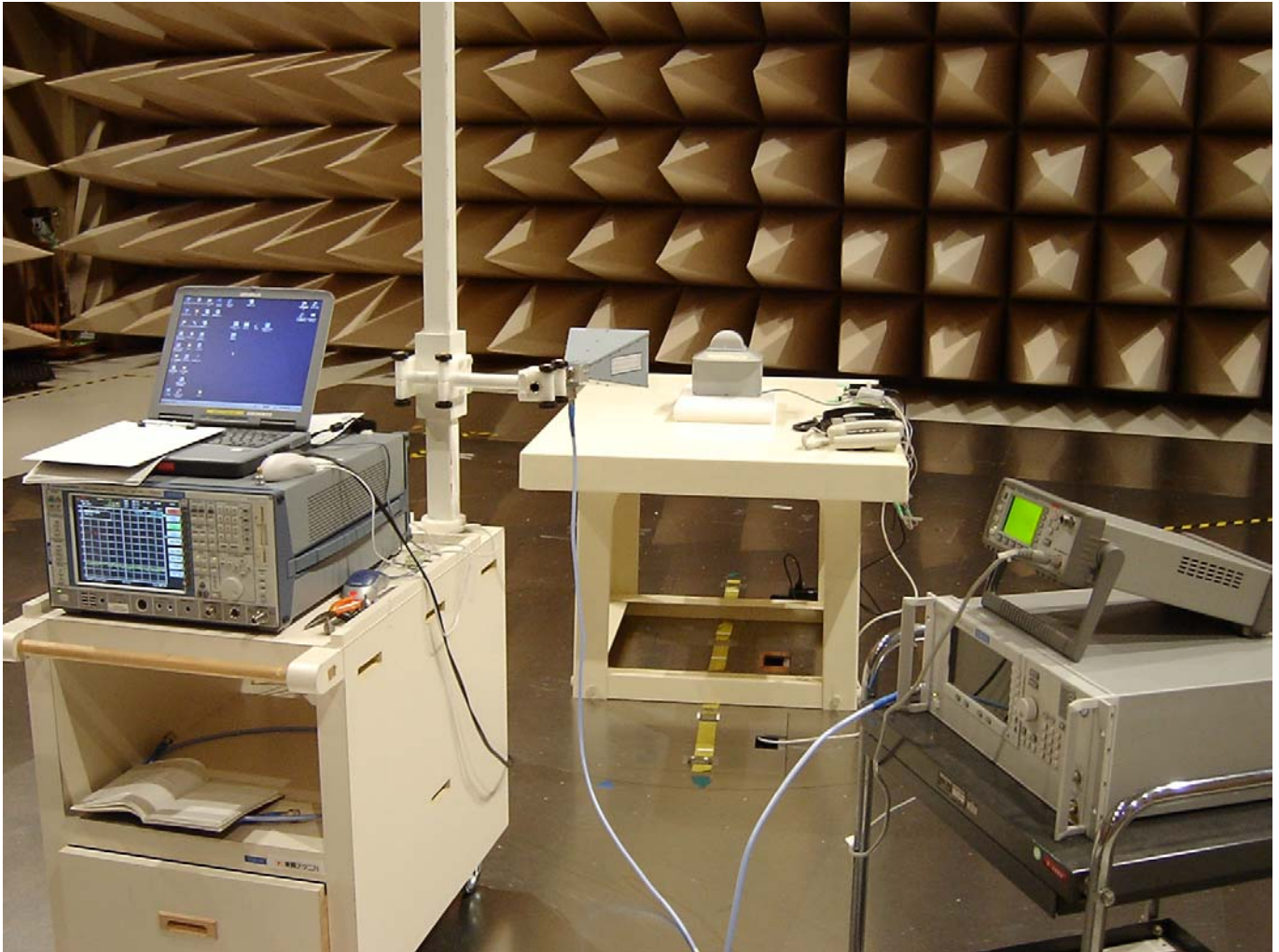
### 1.1 Radiated emission test setup (front).

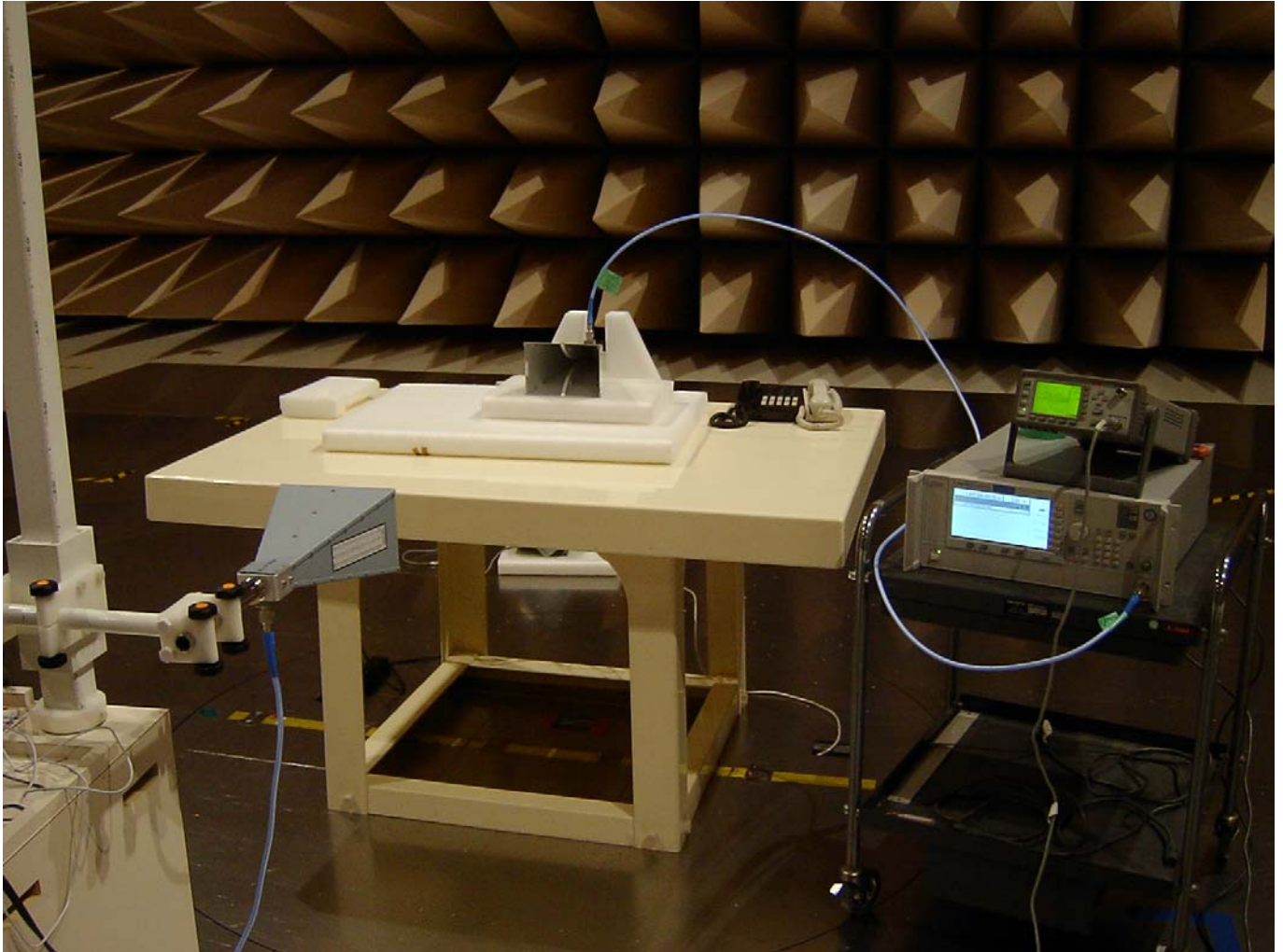


## 1.2 Radiated emission test setup (back).



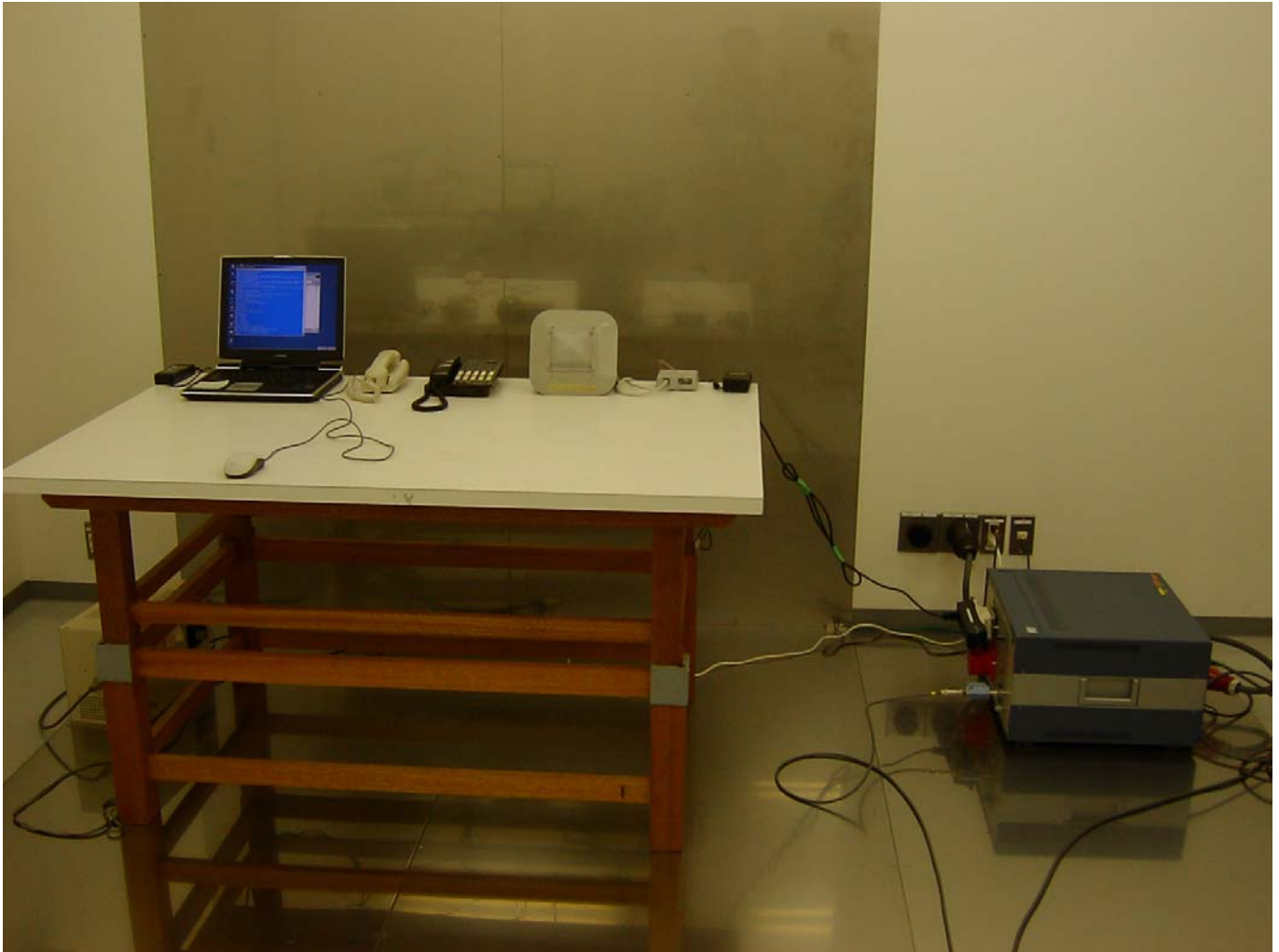
### 1.3 RF output power (eirp) measurement test setup.





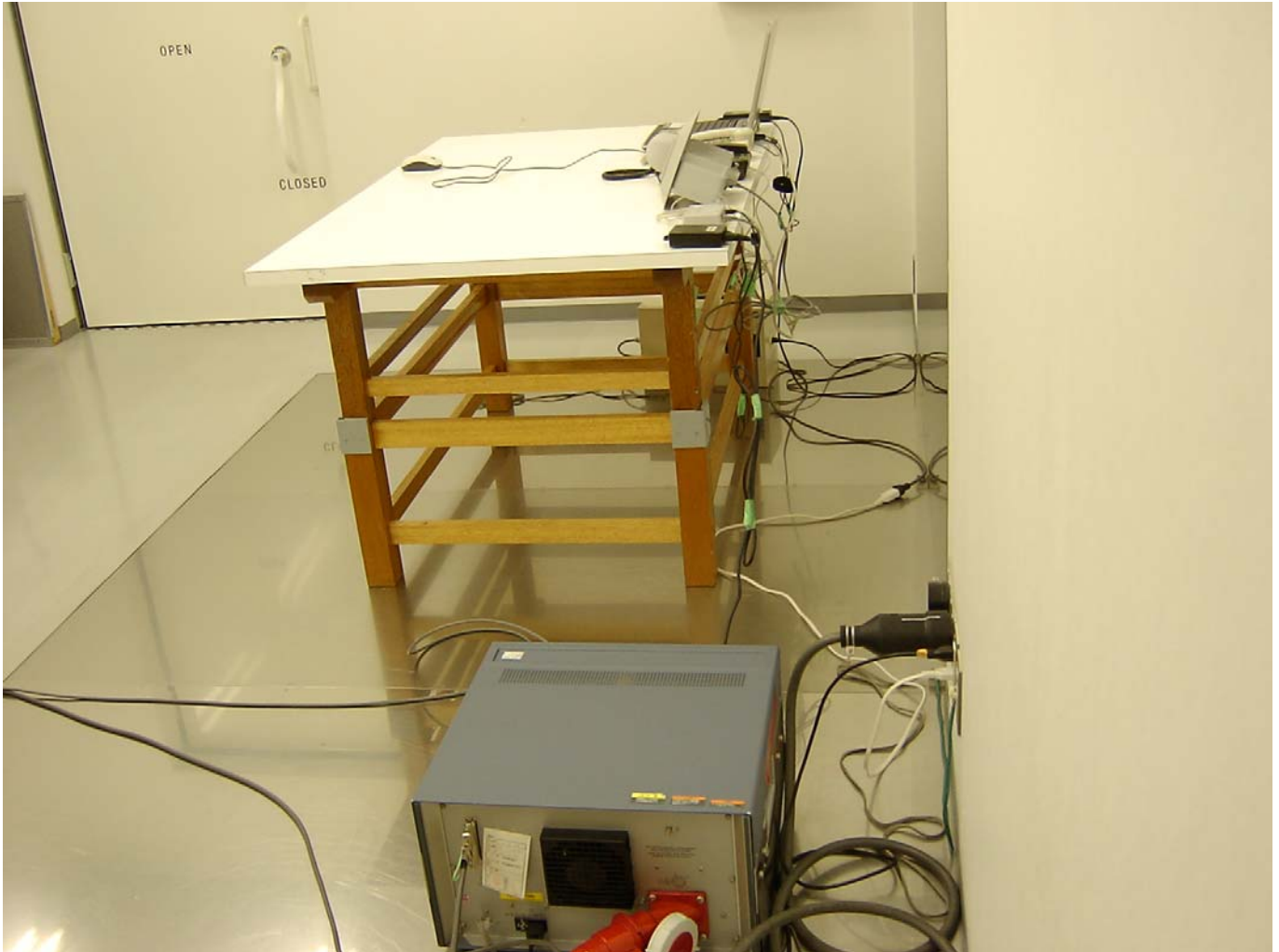
## 2 Conducted emission test setup.

### 2.1 Conducted emission test setup (front).





## 2.2 Conducted emission test setup (back).



### 3 Conducted RF measurements test setup.

#### 3.1 RF output power measurement test setup.



### 3.2 Occupied bandwidth measurement test setup.



### 3.3 Frequency stability measurement test setup.

