

Prepared (also subject responsible if other) EBOZHAO		No. CBC/XR-08:1563 Uen		
Approved CBC/XRV (Peng Yu)	Checked EQINLIN	Date 2008/11/7	Rev A	Reference

## 1 Test Equipment & Environment

### 1.1 Test Object Configuration

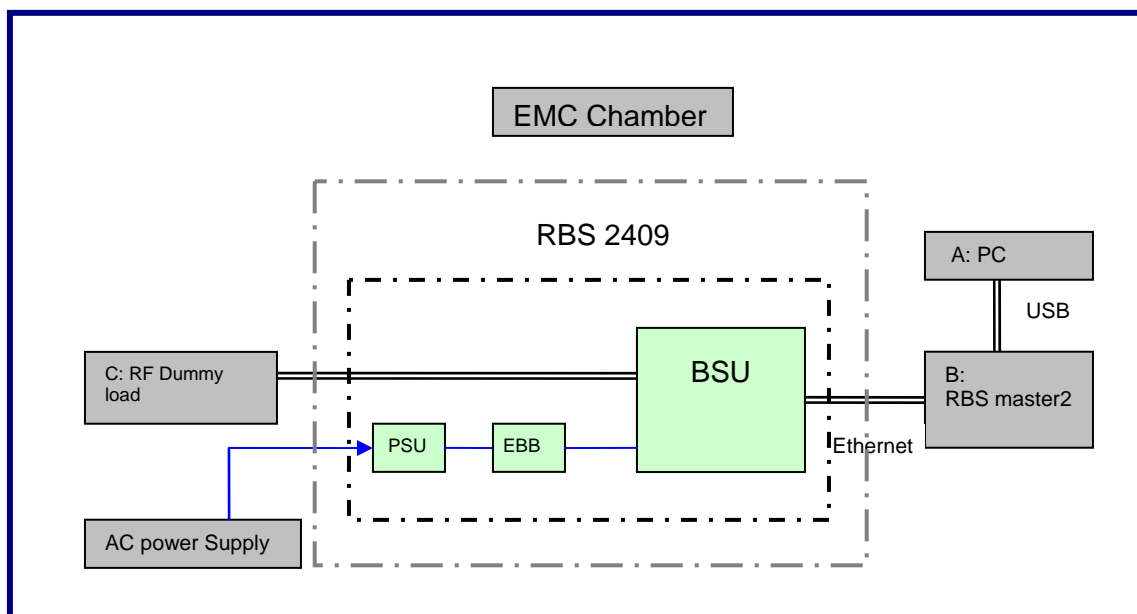


Figure 4.1-1 Test setup

**Note:** For Emission test, dummy load C was connected. For Immunity test, attenuator and mobile phone were connected, or integral antenna was used (only for one configuration of radiated immunity).

Table 4.1-1 Interfaces

Interface	Name	Mode	Note
Ethernet	Cable	120 ohm	Shielded
AC Power	Cable	120V, 60Hz	-

Table 4.1-2 Auxiliary Equipment List

Auxiliary Equipment	Name	Mode	Serial Num.	Note
A	Personal Computer	HP Compaq 2510p	-	With software RBS Master2 MMI: R10C01 CUX: R6C01
B	RBS Master 2	LPY 107 1007/1	ETE/L345	-
D	Dummy load	50 ohm	-	-

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## 1.2 RBS configurations

### Emission test

TRX was set on ARFCN 661 the maximum output power is 23 dBm.

The RBS 2409 was configured to use external antenna with Dummy load and internal antenna. The backup battery EBB-11 was connected.

HW list:

RBS 2409 HW list				
Product Name	Product No.	R-State	Serial No.	Date
BSU	KRC 161 175/3	R1A	CB47635658	20081014
PSU-AC-41	BML 151 124/1	R1B	C121001016	20070903
EBB-11	BMK 905 51/1	R1C	T511436873	20080307
SW Version: 08A_R18E				

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### 1.3 Test Photograph:



Figure 1: Conduct emission



Figure 2: Radio emission, 30MHz to 1000MHz

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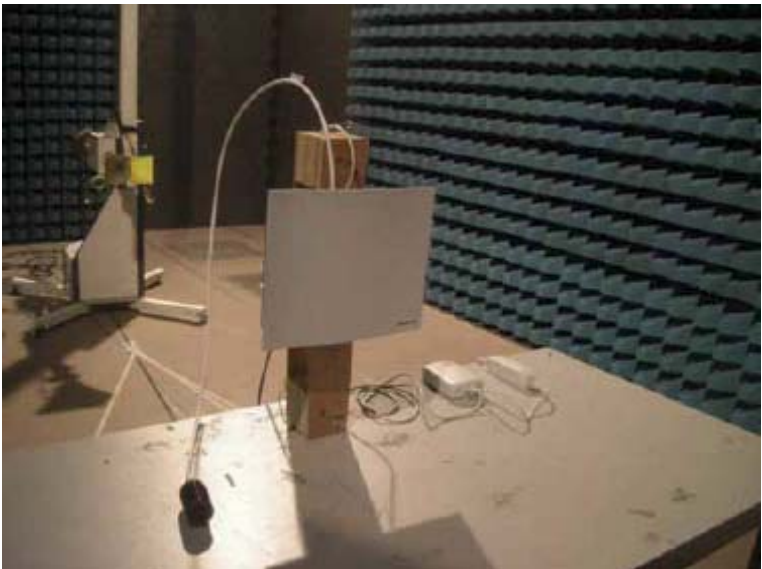


Figure 3: 1000MHz to 10000MHz