



# RF Exposure REPORT

**No. I14Z45360-GPM01**

for

**Sony Mobile Communications AB**

**Bluetooth Speaker with Magnetic Charging Pad**

**Type Number: RD-0110**

**Model Name: BSC10**

**FCC ID: PY7-RD0110**

**IC ID: 4170B-RD0110**

with

**Hardware Version: AP1**

**Software Version: 0.91**

**Issued Date: Mar. 20<sup>th</sup>, 2014**

**Note:**The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of TMC Beijing.

**Test Laboratory:**

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## 1. Test Laboratory

### 1.1. Testing Location

#### Location A

Company Name: TMC Beijing, Telecommunication Metrology Center of MIIT  
Address: No 52, Huayuan Bei Road, Haidian District, Beijing, P.R. China  
Postal Code: 100191

#### Location B

Company Name: TMC Beijing, Telecommunication Metrology Center of MIIT  
Address: Building Shouxiang, No.51, Xueyuan Road, Haidian District, Beijing,  
Postal Code: 100191

### 1.2. Testing Environment

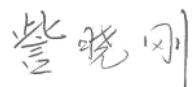
Normal Temperature: 15-35 °C  
Extreme Temperature: -20/+55 °C  
Relative Humidity: 30-60%  
Air Pressure 990hPa-1040hPa

Note: The climatic requirements above are general exclude the special requirements for dedicated test environments listed in section 5 and some specific test cases in other parts of this report.

### 1.3. Project data

Project Leader: Zi Xiaogang  
Testing Start Date: 2014-03-12  
Testing End Date: 2014-03-20

### 1.4. Signature



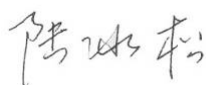
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**Zi Xiaogang**  
**(Prepared this test report)**



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**Sun Xiangqian**  
**(Reviewed this test report)**



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**Lu Bingsong**  
**Deputy Director of the laboratory**  
**(Approved this test report)**

## **2. Client Information**

### **2.1. Applicant Information**

Company Name: Sony Mobile Communications (China) Co. Ltd  
Address /Post: Sony Mobile R&D Center, No. 16, Guangshun South Street, Chaoyang  
District  
City: Beijing  
Postal Code: 100102  
Country: China  
Contact Person: Ma, Gang  
Telephone: +86-10-58656312  
Fax: +86-10-58659049

### **2.2. Manufacturer Information**

Company Name: Sony Mobile Communications AB  
Address /Post: Mobilvägen, 22188 Lund, Sweden  
City: Lund  
Postal Code: 22188  
Country: Sweden  
Contact Person: Nilsson, Mikael  
Telephone: +46 703 227503  
Fax: +46 706 127385

### 3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

#### 3.1. About EUT

Description	Bluetooth Speaker with Magnetic Charging Pad
Type	RD-0110
Model	BSC10
FCC ID	PY7-RD0110
IC ID	4170B-RD0110
Frequency Range	ISM 2400MHz~2483.5MHz
Type of Modulation	GFSK / $\pi/4$ DQPSK
Number of Channels	79
Antenna	Integrated
MAX Radiated Power	-1.23dBm EIRP(GFSK)
MAX Conducted Power	4.06dBm (GFSK)
Power Supply	4.2V DC

#### 3.2. Internal Identification of EUT used during the test

EUT ID*	HW Version	SW Version
UT07a	AP1	0.91
UT06a	AP1	0.91

\*EUT ID: is used to identify the test sample in the lab internally.

#### 3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Revision
AE1	AC/DC Adapter	0000689	1
AE3	Mobile phone	004402451344485	14.1.F.0.122

AE1

Type number	AC-0530-EU
Model name	VGP-AC19VXX
Manufacturer	Sony Corporation
Length of cable (AC input)	78 cm
Length of cable (DC output)	179 cm

AE3

Commercial name	C6916
Type	PM-0590-BV
Manufacturer	Sony Mobile

\*AE ID: is used to identify the test sample in the lab internally.

### **3.4. General Description**

The Equipment Under Test (EUT) is a model of Bluetooth Speaker with Magnetic Charging Pad.

The EUT supports NFC and Bluetooth (EDR) functions.

The NFC function of EUT is classified into fixed application, equipment type III and Class 3 of SRD equipment according to the provision in the ETSI EN 301 489-3.

It includes normal options: AC/DC Adapter.

Manual and specifications of the EUT were provided to fulfil the test.

## 4. Reference Documents

### 4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

<b>Reference</b>	<b>Title</b>	<b>Version</b>
RSS-102	Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)	Issue 4
KDB447498	Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies	v05r01

## 5. RF Exposure compliance

According to RSS-102 Issue 2, section 2.5 and FCC KDB447498, and the maximum output power listed below, the device is exempt from the routine evaluation and is fulfill RF exposure compliance with FCC and IC requirement.

The output power and operating frequency of the device are:

Frequency	Maximum Output Power	
	Conducted	Radiated
2402 ~ 2480MHz	4.06 dBm	-1.23 dBm

**\*\*\*END OF REPORT\*\*\***