

## RF Exposure Report

**Report No.:** SA150106E05 R1

**FCC ID:** JEH-7777-RBS

**Test Model:** 7777-RBS

**Received Date:** Jan. 06, 2015

**Test Date:** Jan. 07 to Feb. 26, 2015

**Issued Date:** Mar. 11, 2015

**Applicant:** NCR Corporation, RSD - Atlanta

**Address:** 2651 Satellite Blvd. Duluth, GA 30096 USA

**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Hsin Chu Laboratory

**Lab Address:** No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin  
Chu Hsien 307, Taiwan R.O.C.

**Test Location (1):** No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin  
Chu Hsien 307, Taiwan R.O.C.

**Test Location (2):** No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin  
Chu Hsien 307, Taiwan R.O.C.



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### Table of Contents

<b>Release Control Record</b> .....	<b>3</b>
<b>1 Certificate of Conformity</b> .....	<b>4</b>
<b>2 RF Exposure</b> .....	<b>5</b>
2.1 Limits for Maximum Permissible Exposure (MPE).....	5
2.2 MPE Calculation Formula .....	5
2.3 Classification .....	5
<b>3 Calculation Result of Maximum Power</b> .....	<b>5</b>



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### Release Control Record

Issue No.	Description	Date Issued
SA150106E05	Original release.	Mar. 05, 2015
SA150106E05 R1	Revised applicant's information.	Mar. 11, 2015



## 2 RF Exposure

### 2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

### 2.2 MPE Calculation Formula

$$Pd = (Pout * G) / (4 * \pi * r^2)$$

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

### 2.3 Classification

The antenna of this product, under normal use condition, is at least 20m away from the body of the user.

So, this device is classified as **Mobile Device**.

## 3 Calculation Result of Maximum Power

FREQUENCY BAND (MHz)	FIELD STRENGTH OF FUNDAMENTAL (dBuV/m)	POUT EIRP (dBm)	POUT EIRP (mW)	DISTANCE (cm)	POWER DENSITY (mW/ cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
902.4	93.56	-1.67	0.681	20	0.000135	0.601
915.025	93.67	-1.56	0.698	20	0.000139	0.61
927.525	93.61	-1.62	0.689	20	0.000137	0.618

Note: 1. Limit of Electric field=F/1500

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