

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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Release Control Record

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



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1 Certificate of Conformity

Product: NCR Orderman Base Station4

Brand: Orderman

Test Model: 7777-RBS

Sample Status: ENGINEERING SAMPLE

Applicant: NCR Corporation, RSD - Atlanta

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

Standards: FCC Part 2 (Section 2.1091)

KDB 447498 D03

IEEE C95.1

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : , **Date:** Mar. 11, 2015
Elsie Hsu / Specialist

Approved by : , **Date:** Mar. 11, 2015
May Chen / Manager

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 ²)	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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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 ²)	LIMIT (mW/cm ²)
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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