



Supplementary FCC SAR Test Report

Report No. : SA120903C21D
Applicant : Motorola Solutions, Inc.
Address : One Motorola Plaza, Holtsville, NY 11742-1300 USA
Product : Mobile Computer
FCC ID : UZ7MC40N0
Brand : Motorola
Model No. : MC40N0
Standards : FCC 47 CFR Part 2 (2.1093) / IEEE C95.1:1991 / IEEE 1528:2003
 FCC OET Bulletin 65 Supplement C (Edition 01-01)
 KDB 248227 D01 v01r02 / KDB 447498 D01 v04

CERTIFICATION: The above equipment have been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch - Taiwan HwaYa Lab**, 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 SAR characteristics under the conditions specified in this report. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product certification, approval, or endorsement by TAF or any government agencies.

This report is issued as a supplementary report to BV ADT report no.: SA120903C21 and prepared for FCC class II permissive change. The difference is updating 802.11g channel 1 power for Aux. antenna of the EUT without MSR.

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 Approved By : Roy Wu
 Roy Wu / Manager



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Release Control Record

Issue No.	Reason for Change	Date Issued
R01	Initial Issue	Jun. 14, 2013

FCC SAR Test Report

1. Description of Equipment Under Test

EUT Type	Mobile Computer
FCC ID	UZ7MC40N0
Brand Name	Motorola
Model Name	MC40N0
Tx Frequency Bands (Unit: MHz)	WLAN : 2400 ~ 2483.5, 5150 ~ 5350, 5470 ~ 5725, 5725 ~ 5825 Bluetooth : 2400 ~ 2483.5
Uplink Modulations	802.11b : DSSS 802.11a/g/n : OFDM
Maximum AVG Conducted Power (Unit: dBm)	802.11b : 22.59 802.11g : 22.60 802.11n HT20 (2.4GHz) : 21.89 802.11a : 19.31 802.11n HT20 (5GHz) : 18.92 Bluetooth : 3.26
Antenna Type	PIFA Antenna
EUT Stage	Identical Prototype

Note:

1. This report is issued as a supplementary report to BV ADT report no.: SA120903C21. This report shall be used by combining with its original report.
2. This report is prepared for FCC class II permissive change. The difference is updating 802.11g channel 1 power for Aux. antenna of the EUT without MSR.
3. The above EUT information is declared by manufacturer and for more detailed features description please refers to the manufacturer's specifications or User's Manual.

List of Accessory:

Battery	Brand Name	Motorola
	Power Rating	3.7Vdc, 2680mAh
	Type	Li-ion

2. SAR Measurement Evaluation

The measuring conducted power (Unit: dBm) are shown as below.

<EUT without MSR>

Band	802.11g
Channel	1
Frequency (MHz)	2412
Average Power (Ant-1)	18.10

Summary:

Since the maximum output power of 802.11g is less than 1/4 dB higher than 802.11b, the additional SAR testing for 802.11g is not required.



3. Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Taiwan HwaYa EMC/RF/Safety/Telecom Lab:

Add: No. 19, Hwa Ya 2nd Rd, Wen Hwa Vil., Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

Tel: 886-3-318-3232

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Taiwan LinKo EMC/RF Lab:

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Tel: 886-2-2605-2180

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Taiwan HsinChu EMC/RF Lab:

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The road map of all our labs can be found in our web site also.

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