RF EXPOSURE REPORT

REPORT NO.:	SA130305C13
MODEL NO.:	QVF7309 (Refer to item 1 for the more details)
FCC ID:	2ABEZQVF7309
RECEIVED:	Mar. 05, 2013
TESTED:	Mar. 07 ~ Mar. 14, 2013
ISSUED:	Mar. 15, 2013

APPLICANT:	Qno Technology Inc.
ADDRESS:	10F-2, No. 25, Puding RD., Hsinchu, Taiwan

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
LAB ADDRESS:	No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.
TEST LOCATION:	No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA130305C13	Original release	Mar. 15, 2013

1. CERTIFICATION

PRODUCT:	QoS Security Wireless Router
MODEL:	QVF7309, QVF8027, QVM280w, QVM280we, SVM9062, SVM9563, SVM9655, SVM9721, SVM9811, SVM9047, SVM9548, SVM9638, SVM9711, SVM9822, QVF8029, SVM8637, SVM8738, QVF7312, QVF7738, QVF7928, SVM9071, SVM9566, SVM9664, SVM9720, SVM9829, QVM580we, SVM9049, SVM9549, SVM9639, SVM9716, SVM9826, QVF8074, SVM8642, SVM8740, QVF7310, QVF7739, QVF7929, QVM575we, SVM9215, SVM9558, SVM9661, SVM9715, SVM9825, QVM275we, SVM9155, SVM9562, SVM9653, SVM9710, SVM9821, QVF8088, SVM8652, SVM8758, QVF7321, QVF7753, QVF7961
BRAND:	QNO
APPLICANT:	Qno Technology Inc.
TESTED:	Mar. 07 ~ Mar. 14, 2013
TEST SAMPLE:	ENGINEERING SAMPLE
STANDARDS:	**FCC Part 2 (Section 2.1091)**
	FCC OET Bulletin 65, Supplement C (01-01)
	IEEE C95.1

The above equipment (Model: QVF7309) 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. 15, 2013

Pettie Chen / Senior Specialist

APPROVED BY : _____ , **DATE :** Mar. 15, 2013

Ken Liu / Senior 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

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

where

Pd = power density in mW/cm^2

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 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	24.76	5	20	0.188	1

DEVICE	MAX EIRP (W)	MAX EIRP (dBm)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
3G USB DONGLE	0.398	26	20	0.079	0.551

This product can operate with a plug-in 3G USB device which has maximum of 0.25W (26dBm EIRP) output power.
Co-located mode is as below

1. Wi-Fi 2.4GHz + 3G dongle = 0.188/1+0.079/0.551 = 0.331