

RF EXPOSURE REPORT

REPORT NO.: SA940314L15B-1

MODEL NO.: DuraFon PRO, SP-922PRO

FCC ID: U2M-SP922PRO

APPLICANT: Senao Networks, Inc.

ADDRESS: 3F, No. 529, Chung Cheng Rd., Hsintien, Taipei,

Taiwan, R.O.C.

ISSUED BY: Bureau Veritas Consumer Products Services

(H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou

Hsiang, Taipei Hsien 244, 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.

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Report No.: SA940314L15B-1 1 Report Format Version 4.0.0

Reference No.: 110419C21



TABLE OF CONTENTS

RELEA	ASE CONTROL RECORD	3
1.	CERTIFICATION	4
2.	RF EXPOSURE	5
2.1	LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)	5
2.2	MPE CALCULATION FORMULA	5
2.3	CLASSIFICATION	5
2.4	CALCULATION RESULT OF MAXIMUM CONDUCTED POWER	5

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Original release	NA	Jul. 18, 2011

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1. CERTIFICATION

PRODUCT: 4-Line Cordless Phone System

MODEL NO.: DuraFon PRO, SP-922PRO

BRAND: EnGenius

APPLICANT: Senao Networks, Inc.

TESTED: Jun. 02, 2011

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: DuraFon PRO) have 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: Jul. 18. 20

APPROVED BY

Gary Chang / Assistant Manager

Andrea Hsia / Specialis

DATE: Jul. 18, 2011



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/cm²)	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*r2)

where

Pd = power density in mW/cm2

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

EUT CONFIGURE MODE	MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm²)	LIMIT (mW/cm²)
Base Station mode	29.3	2	20	0.268	0.618

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