TEST REPORT No.: (5212)055-0920(A)

FCC DoC TEST REPORT

To:	**CABEN ASIA PACIFIC LTD.**	To:	-
Attn:	Albert Au	Attn:	-
Address:	9/F, Tal building, 49 Austin Road, TST, Kowloon, Hong Kong	Address:	-
Fax:	86-755-8831-2343	Fax:	-
E-mail:	albertau@artsana.com	E-mail:	-
Folder No.:	--		
Factory Name:	--		
Location:	--		
Product:	SAFARI PARK GIRL (PINK) Model No.: 00068451 400 070		

Sample No:	(5212)055-0920
Test Date(s):	March 2, 2012
Test Requested:	FCC Part 15 – 2011
Test Method:	ANSI C63.4 - 2009
FCC ID:	MVH04979668451PRX

The results given in this report are related to the tested specimen of the described electrical apparatus.

CONCLUSION: The submitted sample was found to COMPLY with requirement of FCC Part 15 Subpart B.

Manager,
Electrical Department

for

Name: Steven Tsang
Date: March 14, 2012

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Equipment Under Test:

Product	:	SAFARI PARK GIRL (PINK)
Model No.	:	00068451 400 070
Power Supply	:	6Vd.c. (“AA” size battery x 4)
Data Cable	:	--
Power Line Cable	:	--
Accessory Device	:	--
Highest operating Frequency	:	49MHz

Description of Adaptor

Adaptor	:	--
Model	:	--
Input	:	--
Input power line cable	:	--
Output	:	--
Output power line cable	:	--

Additional Product Name:

--

Additional Model No.:

--

Additional Model Information:

--

Description of Test modes:

Receiver mode

Report Revision & Sample Re-submit History:

--

Remark: -
For the test results, the EUT had been tested with all conditions. The worst case was showed in test report.

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Test Result Summary

EMISSION TEST			
Test requirement: FCC Part 15 – 2011			
Test Condition	Test Method	Test Result	
		Pass	Failed
Radiated Emission Test, 30MHz to 1GHz	ANSI C63.4	☒	☐

BUREAU VERITAS HONG KONG LIMITED –
Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Test Laboratory & Test Instruments List

Radiated and Conducted emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009. An Open Area Test Site and Full Anechoic Chamber (FCC Listed Site, Registration No. 642151) are set up for investigation and located at:

BUREAU VERITAS HONG KONG LIMITED, EMC CENTRE

No. 2106-2107, 21/F., Westin Centre,
26 Hung To Road,
Kwun Tong, Kowloon,
Hong Kong

Conformity Assessment Body

Designation Number: HK0009

Test Firm Registration #: 945348

Test Instrument List

Radiated Emission

EQUIPMENT	MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATION DUE
EMI TEST RECEIVER	R&S	ESCI	100379	18-OCT-2012
BILOG ANTENNA	SCHAFFNER	CBL6112D	25229	16-SEP-2012
OPEN AREA TEST SITE	BVCPS	N/A	N/A	07-JUL-2012
ANECHOIC CHAMBER	ALBATROSS	M-CDC	80374004499B	01-DEC-2012
COAXIAL CABLE	SUHNER	N/A	N/A	10-NOV-2012

Remarks: -
N/A: Not Applicable or Not Available

The measurement instrumentation uncertainty would be taking into consideration on each of the test result

BUREAU VERITAS HONG KONG LIMITED –
Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Test Results

Radiated Emissions (30MHz – 1GHz)

Test Requirement:	FCC Part 15 Section 15.109
Test Method:	ANSI C63.4
Test Date(s):	2012-03-02
Temperature:	22.0 °C
Humidity:	85.0 %
Atmospheric Pressure:	101.5 kPa
Mode of Operation:	Receiver mode
Tested Voltage	6Vd.c. (“AA” size battery x 4)

Test Method:

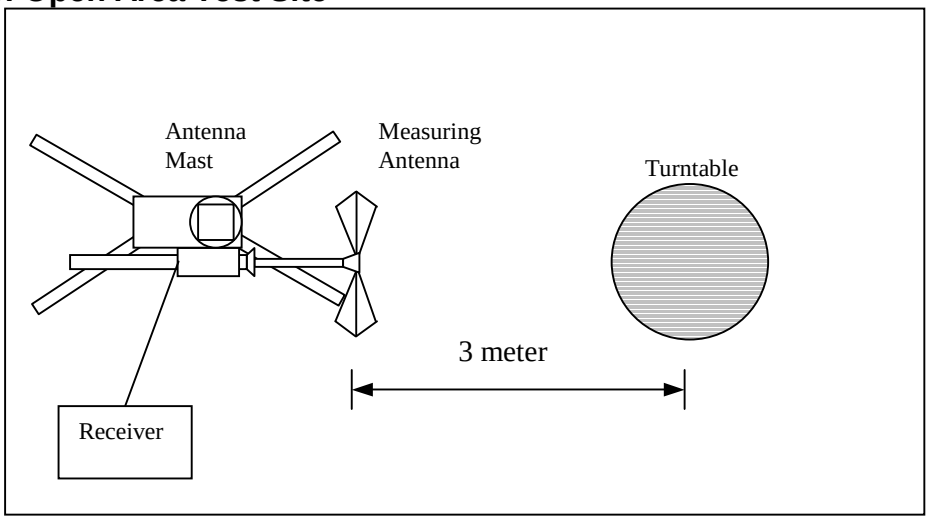
Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009.

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 1m and 0.8m high above the ground. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using new battery. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.

Location: The Roof, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup: Open Area Test Site



BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Limits for Radiated Emission: FCC Part 15.109

Frequency Range [MHz]	Limits [dBµV/m @ 3m]
30-88	40.0
88-216	43.5
216-960	46.0
Above 960	54.0

Measurement Data

Test Result of (Receiver mode): PASS

Detection mode: Quasi-Peak

Frequency (MHz)	Polarity (H/V)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
144.96	H	25.6	43.5	-17.9
193.80	H	21.7	43.5	-21.8
205.36	H	21.5	43.5	-22.0
244.04	H	24.2	46.0	-21.8
289.00	H	27.9	46.0	-18.1
310.52	H	24.6	46.0	-21.4

Frequency (MHz)	Polarity (H/V)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
145.28	V	31.7	43.5	-11.8
194.36	V	24.6	43.5	-18.9
206.84	V	23.7	43.5	-19.8
242.92	V	26.5	46.0	-19.5
290.92	V	25.8	46.0	-20.2
309.44	V	24.9	46.0	-21.1

Note: Field Strength includes Antenna Factor and Cable Loss.

The measurement instrumentation uncertainty would be taking into consideration on each of the test result

During the test shall be used to radiate an unmodulated CW signal to a superregenerative receiver at its operating frequency in order to" cohere" or to resolve the individual components of the characteristic broadband emissions from such a receiver. The level of the signal may need to be increased for this to occur.

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Photographs of EUT

Front View of the product

Rear View of the product

Side view of the product

Side view of the product

Battery compartment

Battery Cover

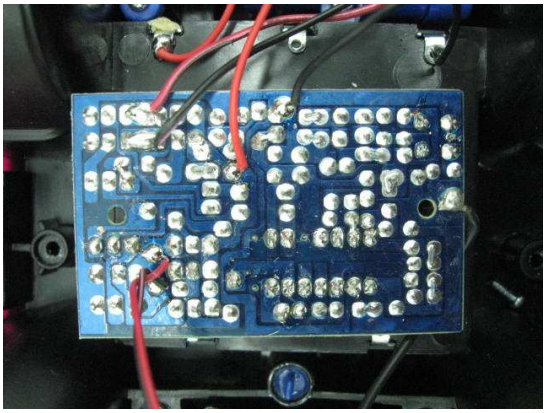
BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

TEST REPORT No.: (5212)055-0920(A)

Photographs of EUT

Inner Circuit Top View

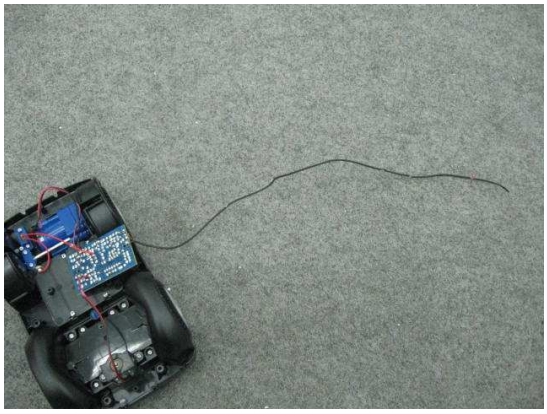
Inner Circuit Bottom View



Front View of the product (Internal)

Rear View of the product (Internal)

Antenna



BUREAU VERITAS HONG KONG LIMITED –
Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com

Measurement of Radiated Emission Test Set Up

******* End of Report *******

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office
1/F Pacific Trade Centre,
2 Kai Hing Road, Kowloon Bay,
Kowloon,HONG KONG
Tel: +852 2331 0888
Fax: +852 2331 0889
www.cps.bureauveritas.com