MPE TEST REPORT

FCC Per 47 CFR 2.1093(d) & RSS-102

Report Reference No. ..... :	A1210096032-2
FCC ID ..... :	**YH5-BTKB01**
IC. ..... :	**8012A-BTKB01**
Compiled by (position+printed name+signature)..:	File administrators Tony Li
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Approved by (position+printed name+signature)..:	Manager James Wu
Date of issue.....:	Nov 02, 2012
Representative Laboratory Name .:	Shenzhen CTL Electron Technology Co., Ltd.
Address.....:	Room 405, The 3# of 4th Building, Zhuguang No.2 Industrial District, Xili Town, Nanshan, Shenzhen, China
Testing Laboratory Name .....:	Bontek Compliance Testing Laboratory Ltd
Address.....:	1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China
Applicant's name.....:	**Kobian Canada INC.**
Address.....:	560 Denison Street, Unit 5,Markham, Ontario, L3R 2M8,Canada
Test specification:	
Standard .....:	**FCC Per 47 CFR 2.1093(b)** **RSS-102**
TRF Originator.....:	Shenzhen CTL Electron Technology Co., Ltd.
Master TRF.....:	Dated 2012-06

Test item description ..... :	BLUETOOTH KEYBOARD CASE
Trade Mark .....:	/
Model/Type reference.....:	HS-ANX7FKBCS
Listed Models .....:	HS-IPADCASE2-3IN1, HS-PBCASE-3IN1, HS-GXY10CASE3IN1, HS-IPAD2KBCS, HS-MXCASE-3IN1
Operation Frequency .....:	From 2402MHz to 2480MHz
Modulation Type.....:	GFSK, 8DPSK
Result :	**Positive**

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Equipment under Test	:	BLUETOOTH KEYBOARD CASE
Model /Type	:	HS-ANX7FKBCS
Listed Models	:	HS-IPADCASE2-3IN1, HS-PBCASE-3IN1, HS-GXY10CASE3IN1, HS-IPAD2KBCS, HS-MXCASE-3IN1
Applicant	:	**Kobian Canada INC.**
Address	:	560 Denison Street, Unit 5,Markham, Ontario, L3R 2M8,Canada
Manufacturer		**Reborn Science & Technology Co., ltd.**
Address	:	1712,Hongfa Central Building, Baoan Center, Shenzhen, China

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. SUMMARY

1.1. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

● - supplied by the manufacturer

○ - supplied by the lab

○	Power Cable	Length (m) :	/
		Shield :	/
		Detachable :	/
○	Multimeter	Manufacturer :	/
		Model No. :	/

1.2. Power supply system utilised

Power supply voltage	:	○	120V / 60 Hz	○	115V / 60Hz
		○	12 V DC	○	24 V DC
		●	Other (specified in blank below)		

DC 3.7V

1.3. Description of the test mode

The EUT has been tested under typical operating condition. There are EDR (Enhanced Data Rate) and BDR (Basic Data Rate)mode.The Applicant provides communication tools software to control the EUT for staying in continous transmitting and receiving mode for testing. There are 79 channels of EUT, and the test carried out at the lowest channel, middle channel and highest channel .

Frequency Range:	2400-2483.5MHz
Channel number:	79 channels
Modulation type:	Frequency Hopping Spread Spectrum
Antenna:	PCB Antenna

1.4. NOTE

1. The functions of the EUT are listed as below:

	Test Standards	Reference Report
Bluetooth	FCC Part 15 Subpart C (Section15.247)& RSS-210	A1210096032-1
Bluetooth	MPE report	A1210096032-2
USB Port	FCC Part 15 Subpart B	A1210096032-3

2. The frequency bands used in this EUT are listed as follows:

Frequency Band(MHz)	2400-2483.5	5150-5350	5470-5725	5725-5850
EUT	√	—	—	—

2. TEST ENVIRONMENT

2.1. Address of the test laboratory

Bontek Compliance Testing Laboratory Ltd
1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2003) and CISPR Publication 22.

2.2. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15-35 ° C
Humidity:	30-60 %
Atmospheric pressure:	950-1050mbar

2.3. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the Bontek Compliance Testing Laboratory Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Bontek Compliance Testing Laboratory Ltd is reported:

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.57 dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

3. Method of measurement

3.1. Applicable Standard

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission’s guidelines.
According to §RSS-102, Devices that have a radiating element normally operating at separation distances greater than 20 cm between the user and the device shall undergo an RF exposure evaluation. SAR evaluation may be performed in lieu of an RF exposure evaluation for devices operating below 6 GHz with a separation distance of greater than 20 cm between the user and the device.
According to §1.1310 and §2.1093 RF exposure is calculated.

3.2. Limit

Exposure category	low threshold	high threshold
general population	$(60/f_{GHz})$ mW, $d < 2.5$ cm $(120/f_{GHz})$ mW, $d \geq 2.5$ cm	$(900/f_{GHz})$ mW, $d < 20$ cm
occupational	$(375/f_{GHz})$ mW, $d < 2.5$ cm $(900/f_{GHz})$ mW, $d \geq 2.5$ cm	$(2250/f_{GHz})$ mW, $d < 20$ cm

F=frequency in GHz

3.3. RF Exposure

TEST RESULTS

The max peak ouput power is 0.06 dBm . The antenna gain is 1.0dBi. EIRP=1.06 dBm=1.2794mW< 60/2.48=24mW, so the SAR is not required.

4. Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1093 and RSS-102 for the general population RF Exposure.

.....End of Report.....