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RF Exposure Evaluation Report

Product : Silencer BT 2.0

Trade mark Walker's

: GWP-SLCR2-BT, GWP-SLCR2-BT-XXX, Model/Type reference

: Jul. 08, 2020

GWP-SF-SLCR2-BT, GWP-SF-SLCR2-BT-XXX

(Where X=0 to 9 or A to Z for different color or package)

Serial Number N/A

Date of Issue

Report Number : EED32M00142403

FCC ID : MV3-GWPSLCR2BT

47 CFR Part 1.1307 **Test Standards**

47 CFR Part 2.1093

KDB447498D01 General RF Exposure Guidance v06

Test result **PASS**

Prepared for:

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Check No :3096303496









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4 General Information

4.1 Client Information

Applicant:	Country Mate Technology Ltd.
Address of Applicant:	5/F,Blk E, Hing Yip Center, 31 Hing Yip Street, Kwun Tong, Kln, Hong Kong
Manufacturer:	Country Mate Technology Ltd.
Address of Manufacturer:	5/F,Blk E, Hing Yip Center, 31 Hing Yip Street, Kwun Tong, Kln, Hong Kong
Factory:	Concord Electronic (Huizhou) Ltd.
Address of Factory:	21, Ping An Rd, Shuikou Street, Hui Cheng District , Huizhou City, Guangdong Province, China

4.2 General Description of EUT

Product Name:	Silencer BT 2.0
Model No.(EUT):	GWP-SLCR2-BT, GWP-SLCR2-BT-XXX, GWP-SF-SLCR2-BT, GWP-SF-SLCR2-BT-XXX (Where X=0 to 9 or A to Z for different color or package)
Test Model No.:	GWP-SLCR2-BT
Trade mark:	Walker's
EUT Supports Radios application:	BT 5.0 Dual mode, 2402MHz to 2480MHz

4.3 Product Specification subjective to this standard

Frequency Range:	2402MHz~2480MHz	
Modulation Type:	GFSK, π/4DQPSK, 8DPSK	(3)
Test Power Grade:	Reference report EED32M00142401,EED32M00142402	(0,)
Test Software of EUT:	Bluetest3	
Antenna Type:	FPC Antenna	
Antenna Gain:	0.8dBi	
Power Supply:	DC 3.8V	
Max Conducted Peak Output Power:	Left ear:3.512dBm	
	Right ear:4.704dBm	
	The Max Conducted Peak Output Power data refer to the report EED32M00142401,EED32M00142402	(1)
Sample Received Date:	May 25, 2020	(0,)
Sample tested Date:	May 25, 2020 to Jun. 29, 2020	

The tested sample(s) and the sample information are provided by the client.

Model No.: GWP-SLCR2-BT, GWP-SLCR2-BT-XXX, GWP-SF-SLCR2-BT, GWP-SF-SLCR2-BT-XXX (Where X=0 to 9 or A to Z for different color or package)

Only the model GWP-SLCR2-BT was tested, since the electrical circuit design, layout, components used and internal wiring were identical for the above models, with difference being color or package.

The left and right headphone are same electrical circuit design and color.

Difference: structure mirror, PCB Layout nearly mirror, appearance mirror.

Hotline: 400-6788-333 www.cti-cert.com E-mail: info@cti-cert.com Complaint call: 0755-33681700 Complaint E-mail: complaint@cti-cert.com









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4.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164

4.5 Deviation from Standards

None.

4.6 Abnormalities from Standard Conditions

None.

4.7 Other Information Requested by the Customer

None.

















































































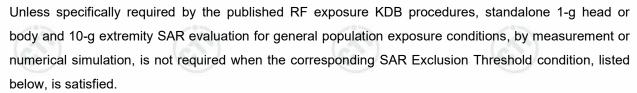
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5 SAR Evaluation

5.1 RF Exposure Compliance Requirement

5.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06 Standalone SAR test exclusion considerations



5.1.2 Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

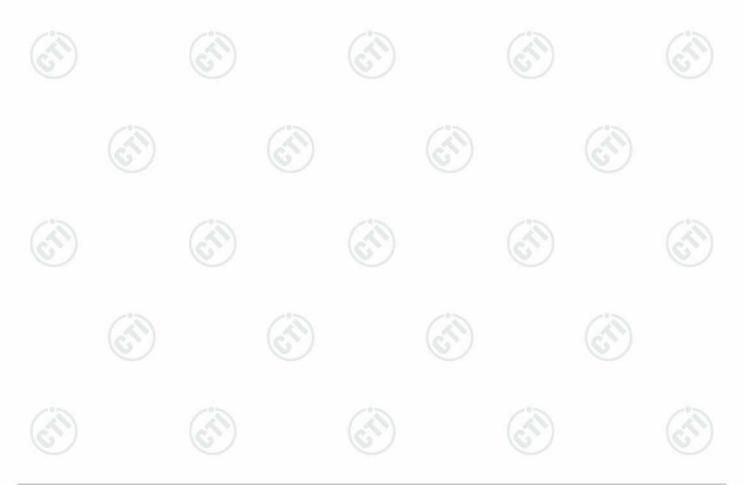
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · $[\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

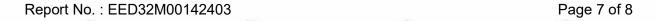
Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm is applied to determine SAR test exclusion







5.1.3 EUT RF Exposure

The tune-up power is 4.5 dBm +/- 0.5dB, therefore the highest tune-up power is

Left ear:

4.0 dBm (2.51 mW) @ 2480 MHz

Right ear:

5.0 dBm (3.16 mW) @ 2402 MHz

When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion. So,

Left ear:

(2.51mW / 5mm) * (2.480GHz ^0.5)= 0.8

Right ear:

(3.16mW / 5mm) * (2.402GHz ^0.5)= 1.0

Left ear:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] * [$\sqrt{f(GHz)}$] = 0.8 < 3.0

Right ear:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] * $[\sqrt{f(GHz)}] = 1.0 < 3.0$

Therefore, standalone SAR measurements are not required for both head and body







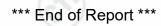




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PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32M00142401 for EUT external and internal photos.



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