




# FCC RF EXPOSURE REPORT

Applicant : Guangzhou Shirui Electronics Co.,Ltd  
Address : 192 Kezhu Road, Sciencetech Park, Guangzhou  
Economic & Technology Development District,  
Guangzhou,Guangdong,China  
Equipment : USB dongle  
Model No. : USB-D-BT02, USB-D-BT03, USB-D-BT04, USB-D-BT05,  
USB-D-BT06, USB-D-BT07, USB-D-BT08, USB-D-BT09  
Trade Name : MAXHUB  
FCC ID : 2AFG6-BT02

## I HEREBY CERTIFY THAT :

The sample was received on May 26, 2021 and the testing was completed on Jun. 21, 2021 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:

  
Leevin Li /Supervisor



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## History of this test report

☒ Original

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description
DEFJ2106052	Jun. 23, 2021	Original



## 1. Test Configuration of Equipment under Test

### 1.1 Feature of Equipment

Equipment	USB dongle
Model Name	USBD-BT02, USBD-BT03, USBD-BT04, USBD-BT05, USBD-BT06, USBD-BT07, USBD-BT08, USBD-BT09
Model Discrepancy	All models are identical to each other except for model name. Model USBD-BT02 is the representative for final test.
Supply Voltage.	DC5V

Note: For more details, please refer to the User's manual of the EUT.



## 1.2 General Information of Test

Test Site	<b>Cerpass Technology Corporation(Cerpass Laboratory)</b> Address: Room 102, No. 5, Xing'an Road, Chang'an Town, Dongguan City, Guangdong Province Tel: +86-769-8547-1212 Fax: +86-769-8547-1912
FCC Designation No.:	CN1288
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 40,000MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.



## 2. Radio Frequency Exposure

### 2.1 Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in FCC Part 2 (Section 2.1093)

### 2.2 Limit

KDB 447498 D01 § 4.3(a)

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR, and  $\leq 7.5$  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 calculation

\*The result is rounded to one decimal place for comparison

\*The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

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  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion

### 2.3 Test Results

According to the KDB447498:

The SAR test exclusion thresholds Level:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot \text{sqrt}(\text{freq. in GHz}) < 3$

Calculation

Bluetooth EDR

Channel	Measured power (dBm)	Tuneuptolerance (dBm)	Max.TuneupPower (dBm)	Peak output power (mW)	Distance (mm)	Calculation results	Limit
2.402	-9.67	-9.67 $\pm$ 1	-8.67	0.135768806	5	0.0421	3

BLE

Channel	Measured power (dBm)	Tuneuptolerance (dBm)	Max.TuneupPower (dBm)	Peak output power (mW)	Distance (mm)	Calculation results	Limit
2.402	-0.87	-0.87 $\pm$ 1	0.13	1.03038612	5	0.3194	3

Then SAR evaluation is not required

-----THE END OF REPORT-----