FCC RF EXPOSURE REPORT

Applicant	:	Acer Incorporated
Address	:	9F, 88, Sec. 1, Xintai 5th Rd. New Taipei City, Taiwan
Equipment	:	USB Dongle
Model No.	:	BR2101-R
Trade Name	:	Acer
FCC ID	:	HLZBR2101R

I HEREBY CERTIFY THAT :

The sample was received on Jun. 28, 2021 and the testing was completed on Jul. 15, 2021 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Leevin Li /Supervisor

Contents

History of this test report

■ Original

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description
DEFJ2106163	Jul. 19, 2021	Original

1. Test Configuration of Equipment under Test

1.1 Feature of Equipment

Equipment	USB Dongle
Model Name	BR2101-R
Model Discrepancy	N/A
Frequency Range	2402MHz-2480MHz
Channel Number	40
Modulation Type	GFSK
Data Rate	1Mbps&2Mbps
Supply Voltage.	DC 5V

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

1.2 General Information of Test

Test Site	**Cerpass Technology Corporation(Cerpass Laboratory)** 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 ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 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 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 ≤ 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:

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

Calculation

Channel	Measured power (dBm)	Tuneuptolerance (dBm)	Max.TuneupPower (dBm)	Peak output power (mW)	Distance (mm)	Calculation results	Limit
2.402	2.50	2.50±1	3.50	2.238721139	5	0.6939	3

Then SAR evaluation is not required

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