

RF Exposure Evaluation Report

Product Name : Blood Glucose Meter

Model No. : Tyson Bio HS200-B, Tyson Bio HS100-B, JS200-B,
JS100-B, Rossmax HS200, Rossmax JS200

FCC ID : 2AJZ6JS200B

Applicant : TYSON BIORESEARCH, INC.

Address : 5F., No. 16, 18, 20, 22, Kedong 3rd Rd., Zhunan Township,
Miaoli County 35053, Taiwan

Date of Receipt : 2022/07/07

Issued Date : 2022/09/05

Report No. : 2270200R-RFUSMPEV02-A

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

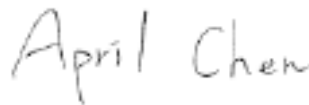
Issued Date: 2022/09/05

Report No.: 2270200R-RFUSMPEV02-A



Product Name	Blood Glucose Meter	
Applicant	TYSON BIORESEARCH, INC.	
Address	5F., No. 16, 18, 20, 22, Kedong 3rd Rd., Zhunan Township, Miaoli County 35053, Taiwan	
Manufacturer	TYSON BIORESEARCH, INC. .	
Trade Name	Tyson Bio	
Model No.	Tyson Bio HS200-B, Tyson Bio HS100-B, JS200-B, JS100-B, Rossmax HS200, Rossmax JS200	
FCC ID	2AJZ6JS200B	
Applicable Standard	KDB 447498 D01 v06	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By :



(Senior Project Specialist / April Chen)

Tested By :



(Senior Engineer / Alan Chen)

Approved By :



(Manager / Tim Sung)

Revision History

Report No.	Version	Description	Issued Date
2270200R-RFUSMPEV02-A	V1.0	Initial issue of report.	2022/09/05

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Blood Glucose Meter
Model No.	Tyson Bio HS200-B, Tyson Bio HS100-B, JS200-B, JS100-B, Rossmax HS200, Rossmax JS200
Trade Name	Tyson Bio
FCC ID	2AJZ6JS200B

Note: For more detailed information please refer to report No.: 2270200R-RFUSBLEV01-A.

1.2. Test Facility

USA : **FCC Registration Number: TW0033**

Canada : **CAB Identifier Number: TW3023 / Company Number: 26930**

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No. 5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan
Performed Location : No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone number : +886-3-275-7255
Fax number : +866-3-327-8031
Email address : info.tw@dekra.com
Website : <http://www.dekra.com.tw>

2. RF Exposure Evaluation

2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2.2. Measurement Result:

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 ($\text{Power(mW)}/\text{separation (mm)} \cdot \sqrt{f(\text{GHz})} \leq 3.0$), SAR is required as shown in the table below where calculated values are greater than 3.0:

- 1.) Operation frequency = 2402MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 10mW

Frequency Band (MHz)	Antenna Gain	Output power				SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	(dBi)	Conducted (dBm)	Conducted (mW)	EIRP (dBm)	EIRP (mW)	(mW)	
2402	-4.4	-12.43	0.06	-16.83	0.02	10	0.006

Note1: No RF Exposure evaluation required since maximum Transmitter Pout (both conducted and EIRP) is below exclusion threshold. D

Note2: The SAR/MPE measurement is not necessary.

Note3: The maximum output power is refer to report No.: 2270200R-RFUSBLEV01-A from the DEKRA.