

RF Exposure Evaluation Report

Product Name : GIBI CHARGER

Model No. : GIBI2-C

FCC ID : 2ABUGGIBI02C

Applicant : Gibi Technologies Incorporated

Address : 46-036 Kamehameha Hwy, #745 Kaneohe 96744 Hawaii,
United States Of America

Date of Receipt : Jun. 16, 2022

Date of Declaration : Aug. 25, 2022

Date of Report No. : 2260471R-RFUSMPEV03-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: Aug. 25, 2022

Report No.: 2260471R-RFUSMPEV03-A



Product Name	GIBI CHARGER	
Applicant	Gibi Technologies Incorporated	
Address	46-036 Kamehameha Hwy, #745 Kaneohe 96744 Hawaii, United States Of America	
Manufacturer	DAVISCOMMS(S) PTE LTD.	
Model No.	GIBI2-C	
FCC ID	2ABUGGIBI02C	
Trade Name	Gibi	
Applicable Standard	KDB 447498 D01 v06	☒ Minimum test separation distance ≥ 20 cm ☐ For low power devices
Test Result	Complied	

Documented By

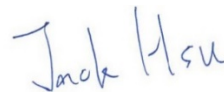
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(Senior Project Specialist / Genie Chang)

Tested By

:



(Senior Engineer / Jack Hsu)

Approved By

:



(Manager / Tim Sung)

Revision History

Report No.	Version	Description	Issued Date
2260471R-RFUSMPEV03-A	V1.0	Initial issue of report.	Aug. 25, 2022

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	GIBI CHARGER
Trade Name	Gibi
Model No.	GIBI2-C
FCC ID	2ABUGGIBI02C

Note: For more detailed information please refer to report No.: 2260471R-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 : +886-3-327-8031

Email address : info.tw@dekra.com

Website : <http://www.dekra.com.tw>

2. RF Exposure Evaluation

2.1. Standard Applicable

According to KDB 447498 D01 (7.1), A minimum test separation distance ≥ 20 cm is required between the antenna and radiating structures of the device and nearby persons to apply mobile device exposure limits.

2.2. Limits

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (Minutes)
(A) Limits for Occupational/ Control Exposures				
300-1500	--	--	F/300	6
1500-100,000	--	--	5	6
(B) Limits for General Population/ Uncontrolled Exposures				
300-1500	--	--	F/1500	6
1500-100,000	--	--	1	30

F= Frequency in MHz

Friis Formula

Friis transmission formula: $P_d = (P_{out} * G) / (4 * \pi * r^2)$

Where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

2.3. Test Result of RF Exposure Evaluation

Product : GIBI CHARGER
Test Item : RF Exposure Evaluation

Band	Frequency (MHz)	Conducted maximum Peak Power (dBm)	Antenna Gain (dBi)	Power Density at R = 20 cm (mW/cm2)	Limit (mW/cm2)
2.4GHz	2402	6.49	2.28	0.0015	1

Note: The conducted output power is refer to report No.: 2260471R-RFUSBLEV01-A from the DEKRA.

Results	PASS
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