

RF Exposure Evaluation Report

Product Name : Wireless Remote Control

Model No. : 883822

FCC ID : X96883822

Applicant : COMEUP INDUSTRIES INC.

Address : No.139, Jieyukeng Rd., Ruifang Dist., New Taipei City 22453, Taiwan

Date of Receipt : Mar. 27, 2020

Date of Declaration : Jul. 17, 2020

Report No. : 2030763R-SAUSP03V00

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: Jul. 17, 2020

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Product Name	Wireless Remote Control	
Applicant	COMEUP INDUSTRIES INC.	
Address	No.139, Jieyukeng Rd., Ruifang Dist., New Taipei City 22453, Taiwan	
Manufacturer	COMEUP INDUSTRIES INC.	
Model No.	883822	
FCC ID.	X96883822	
Trade Name	COMEUP	
Applicable Standard	KDB 447498 D01 v06	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By :



(Senior Adm. Specialist / Joanne Lin)

Tested By :



(Senior Engineer / Wen Lee)

Approved By :



(Director / Vincent Lin)

Revision History

Report No.	Version	Description	Issued Date
2030763R-SAUSP03V00	V1.0	Initial issue of report.	2020-07-17

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Wireless Remote Control
Trade Name	COMEUP
Model No.	883822
FCC ID.	X96883822
Frequency Range	2402-2480MHz
Channel Number	79CH
Type of Modulation	GFSK
Antenna Type	PCB Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	COMEUP	N/A	PCB Antenna	-0.24dBi for 2.4GHz

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 = 2450MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 10mW

Frequency Band	Conducted maximum Peak Power		SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	(dBm)	(mW)	(mW)	
2441MHz	-4.25	0.38	10	0.116

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted output power is refer to report No.: 2030763R-RFUSP01V00-A from the DEKRA.