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TEST REPORT

Report No. : CQASZ20260601349E-02
Applicant: Dongguan Zhenghao Electronics & Technology Co., Ltd.
Address of Applicant: Room 302, Building 6, No.8, Xiegang Xinlong Road, Xiegang Town, Dongguan City, Guangdong
Equipment Under Test (EUT):
EUT Name: K787 Wireless Keyboard
Model No.: K787
Test Model No.: K787
Brand Name: N/A
FCC ID: 2BEPS-K787
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-06-26
Date of Test: 2026-06-26 to 2026-07-14
Date of Issue: 2026-07-27
Test Result : **PASS**

Tested By:

Lewis Zhou

(Lewis Zhou)

Reviewed By:

Timo Lei

(Timo Lei)

Approved By:

Jack Ai

(Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260601349E-02	Rev.01	Initial report	2026-07-27

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3. General Information

4. Client Information

Applicant:	Dongguan Zhenghao Electronics & Technology Co., Ltd.
Address of Applicant:	Room 302, Building 6, No.8, Xiegang Xinlong Road,Xiegang Town, Dongguan City, Guangdong
Manufacturer:	Dongguan Fuhao Electronic Technology Co.,Ltd.
Address of Manufacturer:	Building 6,3rd Floor,Longbi Industrial Park, Dalong Village,Xiegang Town,Dongguan City,Guangdong Province
Factory:	Dongguan Fuhao Electronic Technology Co.,Ltd.
Address of Factory:	Building 6,3rd Floor,Longbi Industrial Park, Dalong Village,Xiegang Town,Dongguan City,Guangdong Province

5. General Description of EUT

Product Name:	K787 Wireless Keyboard
Model No.:	K787
Test Model No.:	K787
Trade Mark:	N/A
Software Version:	ZM7.0
Hardware Version:	VER:1.1
Power Supply:	Powered by dry batteries 1*AAA DC1.5V
Simultaneous Transmission	☐ Simultaneous TX is supported and evaluated in this report. ☒ Simultaneous TX is not supported.

6. General Description of 2.4G SRD

Operation Frequency:	2403.85MHz~2479.85MHz
Modulation Type:	GFSK
Number of Channel:	16
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	PCB antenna
Antenna Gain:	1.8dBi

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusion

EUT RF Exposure

1) For 2.4G SRD

$$EIRP = E_{Meas} + 20 \log(d_{Meas}) - 104.7$$

where

$EIRP$ is the equivalent isotropically radiated power, in dBm
 E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m
 d_{Meas} is the measurement distance, in m

Measurement Data

Worst case: GFSK				
Test Channel	EIRP (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2403.85MHz)	-5.99	-5.5±1	-4.5	0.355
Middle2441.85MHz)	-5.16	-5.0±1	-4.0	0.398
Highest(2479.85MHz)	-5.38	-5.0±1	-4.0	0.398

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2403.85MHz)	0.355	0.110	3.0
Middle 2441.85MHz)	0.398	0.124	
Highest (2479.85MHz)	0.398	0.125	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260601349E-01

*** END OF REPORT ***