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Report Template Version: V04
Report Template Revision Date: 2018-07-06

TEST REPORT

Report No. :	CQASZ20250601491E-03
Applicant:	Woojer LTD
Address of Applicant:	HaMelacha St 16, Brain Embassy Building, floor #2 Rosh Ha`ayin 4809139 Israel
Equipment Under Test (EUT):	
EUT Name:	VEST 4
Model No.:	WJRV4BHNV-101
Test Model No.:	WJRV4BHNV-101
Brand Name:	N/A
FCC ID:	2AQXZ-WJRV4BHNV-101
Standards:	47 CFR Part 1.1307 47 CFR Part 1.1310 KDB447498D01 General RF Exposure Guidance v06
Date of Receipt:	2025-06-30
Date of Test:	2025-06-30 to 2025-07-16
Date of Issue:	2025-08-15
Test Result :	**PASS**

Tested By: lewis zhou

(Lewis Zhou)

Reviewed By: Timo Lei

(Timo Lei)

Approved By:

(Jack Ai)

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD. 华夏准测 APPROVED

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20250601491E-03	Rev.01	Initial report	2025-08-15

2. Contents

3. General Information

4. Client Information

Applicant:	Woojer LTD
Address of Applicant:	HaMelacha St 16, Brain Embassy Building, floor #2 Rosh Ha`ayin 4809139 Israel
Manufacturer:	Woojer LTD
Address of Manufacturer:	HaMelacha St 16, Brain Embassy Building, floor #2 Rosh Ha`ayin 4809139 Israel
Factory:	Woojer LTD
Address of Factory:	HaMelacha St 16, Brain Embassy Building, floor #2 Rosh Ha`ayin 4809139 Israel

5. General Description of EUT

Product Name:	VEST 4
Model No.:	WJRV4BHNV-101
Test Model No.:	WJRV4BHNV-101
Trade Mark:	N/A
RF moudle:	JL7016C6
Software Version:	V2.0
Hardware Version:	V2.0
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Modulation Type:	GFSK, π/4DQPSK, 8DPSK
Transfer Rate:	1Mbps/2Mbps/3Mbps
Number of Channel:	79
Hopping Channel Type:	Adaptive Frequency Hopping systems
Antenna Type:	Chip antenna
Antenna Gain:	1.75dBi
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Power Supply:	lithium battery: 14.8V 3500mAh 51.8Wh, Charge by DC 5V for adapter

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:

[(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 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 BT(Module 1#)

Measurement Data

Worst case: 8DPSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.13	-1.0±1	0	1.000
Middle(2441MHz)	-1.11	-1.0±1	0	1.000
Highest(2480MHz)	0.07	0.5±1	1.5	1.413

Worst case: 8DPSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.000	0.310	3.0
Middle (2441MHz)	1.000	0.312	
Highest (2480MHz)	1.413	0.445	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20250601491E-01

2) For BT(Module 2#)

Measurement Data

Worst case: 8DPSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.26	-1.0±1	0	1.000
Middle(2441MHz)	-1.13	-1.0±1	0	1.000
Highest(2480MHz)	-0.21	0±1	1.0	1.259

Worst case: 8DPSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.000	0.310	3.0
Middle (2441MHz)	1.000	0.312	
Highest (2480MHz)	1.259	0.397	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20250601491E-02

Simultaneous transmission:

SAR Exclusion Threshold=

[(max. power of channel, including tune-up tolerance, mW)/

(min. test separation distance, mm)] ·[√f(GHz)]

Module 1#+Module 2#:

=[(1.413mW/5mm) ·√2.48GHz]/1.6W/kg+[(1.259 mW/5mm) ·√2.48GHz]/1.6W/kg

=0.445/1.6+0.397/1.6

=0.526≤1