

TEST REPORT

Report No. : CQASZ20260801770E-02
Applicant: Shenzhen Subject Technology Co., Ltd
Address of Applicant: 705, Building 11, Phase II, Tianan Yungu Industrial Park, GangtouCommunity,
Bantian Sub-District, Longgang District, Shenzhen
Equipment Under Test (EUT):
EUT Name: Royyt+ Pro Air Smart Body Fat Scale
Model No.: VFS765, VFS765-BUS, VFS765-UUS
Test Model No.: VFS765
Brand Name: 
FCC ID: 2A2VUVFS765
Standards: 47 CFR Part 1.1307
47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-08-11
Date of Test: 2026-08-11 to 2026-08-19
Date of Issue: 2026-8-25
Test Result : **PASS**

Tested By: Azir Wang
(Azir Wang)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260801770E-02	Rev.01	Initial report	2026-8-25

Model No.:

VFS765, VFS765-BUS, VFS765-SUS

Their electrical circuit design, layout, components used and internal wiring are identical,

Only the color of the glass exterior is different.

2. Contents

1. VERSION	2
2. CONTENTS	3
3. GENERAL INFORMATION	4
4. CLIENT INFORMATION	4
5. GENERAL DESCRIPTION OF EUT	4
RF EXPOSURE EVALUATION	5
RF EXPOSURE COMPLIANCE REQUIREMENT	5
<i>Standard Requirement</i>	5
<i>Limits</i>	5
<i>EUT RF Exposure</i>	6

3. General Information

4. Client Information

Applicant:	Shenzhen Subject Technology Co., Ltd
Address of Applicant:	705, Building 11, Phase II, Tianan Yungu Industrial Park, Gangtougong Community, Bantian Sub-District, Longgang District, Shenzhen
Manufacturer:	Shenzhen Subject Technology Co., Ltd
Address of Manufacturer:	705, Building 11, Phase II, Tianan Yungu Industrial Park, Gangtougong Community, Bantian Sub-District, Longgang District, Shenzhen
Factory:	Shenzhen Unique Scales Co., Ltd.
Address of Factory:	301 & 601, No. 22, Huanping Road, Gaoqiao Community, Pingdi Street, Longgang District, Shenzhen

5. General Description of EUT

Product Name:	Royyt+ Pro Air Smart Body Fat Scale
Model No.:	VFS765, VFS765-BUS, VFS765-UUS
Test Model No.:	VFS765
Trade Mark:	
Software Version:	V008.014.009
Hardware Version:	V1.4
Modulation Type:	GFSK
Transfer Rate:	1Mbps
Number of Channel:	40
Antenna Type:	PCB antenna
Antenna Gain:	-0.35dBi
Product Type:	☐ Mobile ☒ Portable
Power Supply:	Dry battery power supply 4*AAAA DC 6V

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 BLE

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	1.96	2.0±1	3.0	1.995
Middle(2440MHz)	2.05	2.0±1	3.0	1.995
Highest(2480MHz)	2.63	2.5±1	3.5	2.239

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.995	0.618	3.0
Middle (2440MHz)	1.995	0.623	
Highest (2480MHz)	2.239	0.705	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260801770E-01