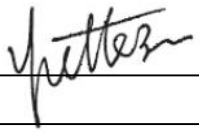
Shenzhen Most Technology Service Co., Ltd.
East A, 1 Floor of New Aolin Factory Building, Langshan Erlu North District, Hi-Tech Industry Park, Nanshan, Shenzhen, Guangdong, People's Republic of China

TEST REPORT

Report Reference No..... :	**MTEB24070026-H**	
FCC ID..... :	**2AVJ8-FP0809**	
Compiled by (position+printed name+signature).. :	File administrators Alisa Luo	
Supervised by (position+printed name+signature).. :	Test Engineer Sunny Deng	
Approved by (position+printed name+signature).. :	Manager Yvette Zhou	
Date of issue.....:	**Nov.01,2024**	
Representative Laboratory Name. :	**Shenzhen Most Technology Service Co., Ltd.**	
Address..... :	East A, 1 Floor of New Aolin Factory Building, Langshan Erlu North District, Hi-Tech Industry Park, Nanshan, Shenzhen, Guangdong, People's Republic of China	
Applicant's name.....:	**DewertOkin Technology Group Co., Ltd.**	
Address..... :	No.1507, Taoyuan Road, Gaozhao Street, Xiuzhou District, Jiaxing City, Zhejiang Province, China.	
Test specification/ Standard.....**:**	**47 CFR Part 1.1307;47 CFR Part 1.1310** **KDB447498D01 General RF Exposure Guidance v06**	
TRF Originator.....:	Shenzhen Most Technology Service Co., Ltd.	

Test item description.....:	MFC OFFLINE VCM
Trade Mark.....:	N/A
Model/Type reference..... :	FP0809
Listed Models ..... :	N/A
Modulation Type..... :	GFSK
Operation Frequency..... :	2403-2480MHz 2402-2480MHz
Hardware version :	GA
Software version :	1.1
Rating :	DC 5V by USB Port
Result.....:	**PASS**

T E S T R E P O R T

Equipment under Test	:	MFC OFFLINE VCM
Model /Type	:	FP0809
Listed Models	:	N/A
Remark		N/A
Applicant	:	DewertOkin Technology Group Co., Ltd.
Address	:	No.1507, Taoyuan Road, Gaozhao Street, Xiuzhou District, Jiaxing City, Zhejiang Province, China.
Manufacturer	:	DewertOkin Technology Group Co., Ltd.
Address	:	No.1507, Taoyuan Road, Gaozhao Street, Xiuzhou District, Jiaxing City, Zhejiang Province, China.

Test Result:	**PASS**

Contents

1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2024.11.01	Initial Issue	Alisa Luo

2.1 RF Exposure Compliance Requirement

2.1.1 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.

2.1.2 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 calculation[17]
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

2.1.3 EUT RF Exposure

For 2.4G:

GFSK						
Mode	Frequency (MHz)	Field strength (dBuV/m)	E.i.r.p Power（dBm）	Peak Output Tune up tolerance (dBm)	Maximum tune-up Power (dBm)	E.i.r.p. calculation value（mW）
GFSK	2403 MHz	82.84	-12.36	-12.36±1	-11.36	0.073
	2442MHz	82.36	-12.84	-12.84±1	-11.84	0.065
	2480MHz	82.29	-12.91	-12.91±1	-11.91	0.064

EIRP[dBm] = E[dBuV/m]− 95.2

Worst case: GFSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Highest(2403MHz)	-12.36	-11.36	0.073	0.011	3.0	Yes

For BLE:

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power (dBm)
Lowest(2402MHz)	-1.234	-1.234±1	-0.234
Middle(2440MHz)	-1.987	-1.987±1	-0.987
Highest(2480MHz)	-1.376	-1.376±1	-0.376

Worst case: GFSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Highest(2402MHz)	-1.234	-0.234	0.95	0.29	3.0	Yes

.....THE END OF REPORT.....