Shenzhen Toby Technology Co., Ltd.

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RF Exposure Evaluation FCC ID: 2AJL9-TW1

1. Client Information

Applicant	:	Kuaiwear Limited		
Address	-	A10 Wong's Building, 33 Hung To Road, Kowloon, Hong Kong, China		
Manufacturer	:	Kuaiwear Limited		
Address	:	A10 Wong's Building, 33 Hung To Road, Kowloon, Hong Kong, China		

2. General Description of EUT

EUT Name		KUAIFIT TW1			
Models No.		KUAIFIT TW1			
Model Difference	:	N/A			
Product Description	:	Operation Frequency:	Bluetooth 4.1(BT): 2402MHz~2480MHz		
		RF Output Power:	GFSK: -4.816dBm π /4-DQPSK: -3.603dBm		
		Antenna Gain:	1.2dBi PCB Antenna		
Power Supply	ė	DC Voltage Supply from USB Port. DC Voltage supplied by Li-ion battery.			
Power Rating	•	DC 5.0V by USB cable DC 3.7V by 60mAh Li-ion battery			
Software Version	•	V1			
Hardware Version	:	V1.6			
Connecting I/O Port(S)		Please refer to the User's Manual			

Note: More test information about the EUT please refer the RF Test Report.

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SAR Test Exclusion Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.

- (1) Clause 4.3: General SAR test reduction and exclusion guidance Sub clause 4.31: Standalone SAR test exclusion considerations
 - 1)The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance≤5 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] \leq 3.0 for 1-g SAR

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] \leq 7.5.0 for 10-g SAR



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2. Calculation:

ATTIVE STATE	_ 0	В	luetooth Mode (GFSK)	201	ATTIVE STATE	
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dbm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-4.978	-5±1	-4	0.398	0.123	3.0
2.441	-4.816	-5±1	-4	0.398	0.124	3.0
2.480	-5.509	-5±1	-4	0.398	0.125	3.0
011		Blue	tooth Mode (π/4-DQPS	K)	111	TIES .
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dbm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-3.720	-4±1	-3	0.501	0.155	3.0
2.441	-3.603	-4±1	-3	0.501	0.157	3.0
2.480	-4.318	-4±1	-3	0.501	0.158	3.0

Test separation: 5mm					
The worst RF Exposure Evaluation					
Worst Calculation Value	Threshold Value				
0.158	3.0				

The worst RF Exposure Evaluation is 0.158 / cm2 < limit 3.0, So standalone SAR measurements are not required.

----END OF REPORT----