



Report No.: TBR-C-202407-0220-12 Page: 1 of 3

Maximum Permissible Exposure Evaluation

FCC ID: 2AMWY-R2

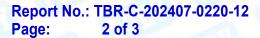
1. General Information about EUT

1.1 Client Information

Applicant		Shenzhen Pincun Digital Technology Co., Ltd.			
Address2407, Building 11, Phase II, Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, S City, China		2407, Building 11, Phase II, Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen City, China			
Manufacturer	2	Shenzhen Pincun Digital Technology Co., Ltd.			
Address : ²⁴ G C		2407, Building 11, Phase II, Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen City, China			

1.2 General Description of EUT (Equipment Under Test)

-	Wireless Headphone				
	picun R2, picun R2Pro, picun R1, picun R3, picun R5, picun R6, picun R8, picun R9,picun R10, picun F3, picun B3, picun B9, picun NC60				
	All these models are identical in the same PCB, layout and electrical circuit, The only difference is model name, brand name and product name.				
i.	Picun				
:	HC-C-202407-0220-01-01				
:	Operation Frequency:	Bluetooth: 2402MHz~2480MHz			
	Antenna Gain:	1.68dBi PCB Antenna			
15	USB Input: DC 5V DC 3.7V 500mAh Rechargeable Li-ion battery				
-	V1.38				
	V1.0				
		 picun R2, picun R2Propicun R8, picun R9, picun P9, picun P9, picun P9, picun P0, picun NC60 All these models are id circuit, The only different name. Picun HC-C-202407-0220-01 Operation Frequency: Antenna Gain: USB Input: DC 5V DC 3.7V 500mAh Rech V1.38 			





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
 - 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)]*[√f_(GHz)] ≤3.0 for 1-g SAR [(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[√f_(GHz)] ≤7.5.0 for 10-g SAR

2. Summary simultaneous transmission for SAR Exclusion

The SAR exemption limits outlined in clause 4.3.2(b) of KDB 447498 have been derived based on an approximate SAR value of 0.4 W/kg using half-wave dipole antennas Footnote 1. As such, when simultaneous transmitter SAR evaluations include transmitters that have been exempt from routine SAR evaluation, the SAR must be estimating based on the ratio between the maximum tune-up tolerance limit of the transmitter that has been exempt and the exemption limit at the specific distance and frequency for that transmitter. This ratio must be multiplied by 0.4 W/kg (2.0 W/kg for controlled use and 1.0 W/kg for limb worn devices) in order to calculate the estimated SAR level.

The estimate SAR value is calculated based the following equation:

(maximum power level including tune-up tolerance for transmitter A / maximum power level of exemption at the same frequency and distance) * 0.4W/kg

- 1) $[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \cdot [\sqrt{f_{(GHz)}/x}] W/kg, for test separation distances <math>\leq 50 \text{ mm};$
 - where x = 7.5 for 1-g SAR and x = 18.75 for 10-g SAR.
- 0.4 W/kg for 1-g SAR and 1.0 W/kg for 10-g SAR, when the *test separation distance* is > 50 mm.³⁷

The [\sum of (the highest measured or estimated SAR for each standalone antenna configuration, adjusted for maximum tune-up tolerance) / 1.6 W/kg] + [\sum of MPE ratios] is \leq 1.0.

The SAR to peak location separation ratios of all simultaneously transmitting antenna pairs operating in portable device exposure conditions are all ≤ 0.04 , and the [\sum of MPE ratios] is ≤ 1.0 .





3. Calculation:

Test separatio	n: 5mm	MUL			an ^b	
2 12		В	luetooth Mode (GFSK)		1000
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
2402	3.874	4±1	5	3.162	0.980	3.0
2441	3.956	4±1	5	3.162	0.988	3.0
2480	3.311	4±1	5	3.162	0.996	3.0
	100	Blue	etooth Mode (π/4-DQP	SK)		UD .
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
2402	4.872	4±1	5	3.162	0.980	3.0
2441	4.745	4±1	5	3.162	0.988	3.0
2480	4.132	4±1	5	3.162	0.996	3.0
The second secon		BI	uetooth Mode (8-DPS	K)	NUV-	100
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
2402	5.374	5±1	6	3.981	1.234	3.0
2441	5.302	5±1	6	3.981	1.244	3.0
2480	4.719	5±1	6	3.981	1.254	3.0

Conclusion:

The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 v06.

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