

Prüfbericht-Nr.: <i>Test report no.:</i>	CN23K8YR 003	Auftrags-Nr.: <i>Order no.:</i>	168412428	Seite 1 von 3 <i>Page 1 of 3</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2023-01-16	
Auftraggeber: <i>Client:</i>	You Tec Ltd Santok House Unit L, Braintree Industrial Estate, Braintree Road, South Ruislip, Middlesex, United Kingdom			
Prüfgegenstand: <i>Test item:</i>	Wireless Headphones			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	HPBTBKPRM, HPBTGRNPRM, HPBTPNKPRM			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 2: Section 2.1093 CFR47 FCC Part 1: Section 1.1310 KDB 447498 D01 General RF Exposure Guidance v06			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2023-02-06	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no:</i>	A003402720-005~008			
Prüfzeitraum: <i>Testing period:</i>	2023-02-08 – 2023-02-20			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	 Digitally signed by Breeze Jiang Date: 2023.04.18 13:36:25 +08'00'		genehmigt von: <i>authorized by:</i>	 Lin Lin
Datum: <i>Date:</i>	2023-04-18		Ausstellungsdatum: <i>Issue date:</i>	2023-04-18
Stellung / Position:	Assistant Project Manager		Stellung / Position:	Reviewer
Sonstiges / Other:	FCC ID: 2A2KIHPBTBKPRM			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

1. Radio Frequency Exposure

RESULT:**Pass**

Test standard : FCC Part 2: Section 2.1093
CFR47 FCC Part 1: Section 1.1310
KDB 447498 D01 General RF Exposure Guidance v06

1.1 Product Technical Information

The EUT is a Wireless Headphones which supports Classic Bluetooth wireless technology. The models HPBTBKPRM, HPBTGRNPRM, HPBTPNKPRM share the same material and only have color differences.

For details refer to the User Manual, Technical Description and Circuit Diagram.

General Information of EUT	Value
Kind of Equipment	Wireless Headphones
Type Designation	HPBTBKPRM, HPBTGRNPRM, HPBTPNKPRM
Operating Voltage	Internal battery operated (3.7Vdc) or USB operated (Adapter input voltage 120Vac, 60Hz)
FCC ID	2A2KIHPBTBKPRM
Technical Specification of Bluetooth	
Operating Frequency	2402-2480MHz
Type of Modulation	GFSK, $\pi/4$ -DQPSK, 8DPSK
Data Rate	1Mbps, 2Mbps
Channel Number	40 channels for Bluetooth BLE
Channel Separation	1MHz
Antenna Type	Integral Antenna
Antenna Number	1
Antenna Gain	-0.58 dBi
The type of wideband data transmission equipment	FHSS

1.2 Result:

According to the KDB 447498 D1 v06 section 4.3.1:

The maximum conducted output power for the EUT is 2.26dBm=1.68mW.

The SAR Exclusion Threshold Level for 1-g extremity SAR:

= $3.0 * (\text{min. test separation distance, mm}) / \sqrt{\text{freq. in GHz}}$

= $3.0 * 5 / \sqrt{2.480}$ mW

= 9.53 mW

Since the max. conducted output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.