FCC RADIO EXPOSURE TEST REPORT

FCC ID	:	AL8-RIG700
Equipment	:	Wireless Gaming headset
Brand Name	:	plantronics
Model Name	:	RIG 700
Applicant	:	Plantronics, Inc. 345 Encinal Street, Santa Cruz, CA 95060, USA.
Manufacturer	:	Plantronics, Inc. 345 Encinal Street, Santa Cruz, CA 95060, USA.
Standard	:	FCC KDB 447498 D01 v06 (Reference standard: 47 CFR Part 2.1093)

The product was received on Jan. 23, 2019, and testing was started from Feb. 15, 2019 and completed on Feb. 20, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC KDB 447498 D01 v06 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

History of this test report **3**

Summary of Test Result **4**

1. General Description **5**

1.1. EUT General Information 5

1.2. Testing Location 5

2. RF Exposure Evaluation **6**

2.1. Applicable Standard 6

2.2. SAR evaluation 6

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FA911701	01	Initial issue of report	Apr. 26, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2	-	Exposure evaluation	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Viola Huang

1. General Description

1.1. EUT General Information

RF General Information		
Frequency Range (MHz)	**Operating Frequency (MHz)**	**Modulation Type**
2400-2483.5	2403.35-2479.35	Pi/4 DQPSK

1.2. Testing Location

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086B with Industry Canada.

2. RF Exposure Evaluation

2.1. Applicable Standard

In accordance with FCC 47 CFR part 2 (2.1093) this device has been defined as a portable device which is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

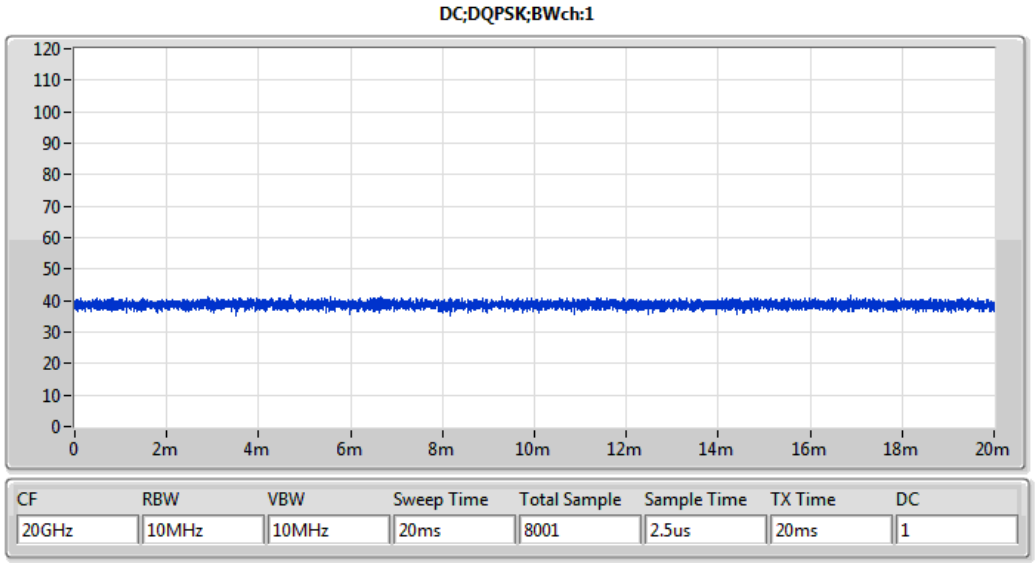
Portable devices must be evaluated using the specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

2.2. SAR evaluation

1. Per FCC KDB 447498 D01 v06, 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*)]•
   [$\sqrt{f}_{(GHz)}$] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
   - $f_{(GHz)}$ is the RF channel transmit frequency in GHz
   - Power and distance are rounded to the nearest mW and mm before calculation
   - The result is rounded to one decimal place for comparison

Max. Power		Duty Cycle (Note)	Tune-up Max. Power		Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds	Result
(dBm)	(mW)	(%)	(dBm)	(mW)				
1.84	1.5	100	2.4	1.7	5	2.40335	0.54	PASS

Note: The transmissions are sporadic and the duty cycle within a 20ms observation time is 100%.



2. Per FCC KDB 447498 D01 v06 exclusion thresholds is 0.54 < 3, RF exposure evaluation is not required.

————THE END————