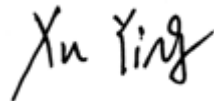


## RF TEST REPORT

**Applicant** iRay Technology Co., Ltd.  
**FCC ID** 2ACHK-02113698  
**Product** Digital Wireless Intraoral X-Ray Sensor  
**Brand** iRayTechnology  
**Model** Pluto0002XW  
**Report No.** R2211A1066-R1V1  
**Issue Date** April 19, 2023

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 15C (2022)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



Prepared by: Xu Ying



Approved by: Xu Kai

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### TA Technology (Shanghai) Co., Ltd.

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Version	Revision description	Issue Date
Rev.0	Initial issue of report.	April 14, 2023
Rev.1	Update description.	April 19, 2023
Note: This revised report (Report No.: R2211A1066-R1V1) supersedes and replaces the previously issued report (Report No.: R2211A1066-R1). Please discard or destroy the previously issued report and dispose of it accordingly.		

## 1. Test Laboratory

### 1.1. Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

### 1.2. Test Facility

#### **FCC (Designation number: CN1179, Test Firm Registration Number: 446626)**

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

#### **A2LA (Certificate Number: 3857.01)**

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

### 1.3. Testing Location

Company: TA Technology (Shanghai) Co., Ltd.  
Address: Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China  
City: Shanghai  
Post code: 201201  
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E-mail: [xukai@ta-shanghai.com](mailto:xukai@ta-shanghai.com)

## 2. General Description of Equipment Under Test

### 2.1. Applicant and Manufacturer Information

<b>Applicant</b>	iRay Technology Co., Ltd.
<b>Applicant address</b>	RM 202, Building 7, No. 590, Ruiqing RD., Pudong, Shanghai, China
<b>Manufacturer</b>	iRay Technology Co., Ltd.
<b>Manufacturer address</b>	RM 202, Building 7, No. 590, Ruiqing RD., Pudong, Shanghai, China

### 2.2. General Information

EUT Description	
Model	Pluto0002XW
Lab internal SN	Original: R2202A0183/S02
Hardware Version	MCU: 43907_V3.3.0.44 MCU: 54907_V3.3.0.44 FPGA: Ma179.0.1.4
Software Version	Dental_SDK_ReleasePackage_4.5.3.10417
Power Supply	Battery / AC adapter
Antenna Type	Stamping Antenna
Antenna Gain	4.80 dBi
Operating Frequency Range(s)	802.11b/g/n(HT20): 2412 ~ 2462 MHz
Modulation Type	802.11b: DSSS 802.11g/n(HT20): OFDM
Date of Sample Received:	November 4, 2022
EUT Accessory	
Adapter	Manufacturer: Dongguan Shilong Fuhua Electronic Co., LTD. Model: UES12LCP-050200SPA
Battery	Manufacturer: Zhengzhou BAK Battery Co., LTD. Model: N18650CL-29
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.	

Pluto0002XW (Report No.: R2211A1066-R1V1) is a variant model of Pluto0002XW (Report No.: R2202A0183-R1V1).

There is only tested Unwanted Emissions (802.11b CH1, 802.11g CH1 and 802.11n (HT20) CH1), Conducted Emission, and did not worsen, so they were not recorded in the report; Other test items refer to the module report (Report No.: RF160104C01C).

This report is used in conjunction with the original report (attached ANNEX B: Original Report (Report No.: R2202A0183-R1V1)).

\*\*\*\*\*END OF REPORT \*\*\*\*\*

## ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

## **ANNEX B: Original Report (Report No.: R2202A0183-R1V1)**

The Original Report are submitted separately.