

# RF TEST REPORT

<b>Applicant</b>	Phillips Connect Technologies, LLC
<b>FCC ID</b>	2ASKH-S7PR1
<b>Product</b>	Smart-7 Pro
<b>Brand</b>	Phillips Connect
<b>Model</b>	77-6801-AA2NA; 77-6801-AA2SA; 77-6811 CAN NP 0HA; 77-6811 CAN WP 0HA
<b>Report No.</b>	R2311A1269-R3
<b>Issue Date</b>	March 15, 2024

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2023)/ FCC CFR47 Part 27C (2023)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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# 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.  
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 City: Shanghai  
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## 2 General Description of Equipment under Test

### 2.1 Applicant and Manufacturer Information

Applicant	Phillips Connect Technologies, LLC
Applicant address	5231 California Avenue, Suite 110, Irvine, CA 92617, USA
Manufacturer	Phillips Connect Technologies, LLC
Manufacturer address	5231 California Avenue, Suite 110, Irvine, CA 92617, USA

### 2.2 General information

EUT Description			
Model	77-6801-AA2NA; 77-6801-AA2SA; 77-6811 CAN NP 0HA; 77-6811 CAN WP 0HA		
Lab internal SN	77-6801-AA2NA: R2311A1269/S01 77-6811 CAN NP 0HA: R2311A1269/S03 77-6811 CAN WP 0HA: R2311A1269/S02		
Hardware Version	Arrow-LA P3		
Software Version	V3		
Power Supply	Battery / External power supply		
Antenna Type	PIFA Antenna		
Antenna Gain	Band	Gain(dBi)	
	WCDMA Band IV	1.0	
	LTE Band 4	1.0	
	LTE Band 12	0.0	
Test Mode(s)	WCDMA Band IV; LTE Band 4/12;		
Test Modulation	(WCDMA) QPSK; (LTE) QPSK, 16QAM;		
HSDPA UE Category	24		
HSUPA UE Category	6		
DC-HSDPA UE Category	24		
LTE Category	1		
Rated Power Supply Voltage	Internal voltage: DC 3.65 V External voltage: DC 12 V		
Operating Temperature	Lowest: -30°C Highest: +75°C		
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155
	LTE Band 4	1710 ~ 1755	2110 ~ 2155
	LTE Band 12	699 ~ 716	729 ~ 746
Date of Sample Received	November 22, 2023		

<b>EUT Accessory</b>	
Battery	Manufacturer: Dongguan Kingin Power Co., Ltd. Model: HRBS02-1S4P DC 3.65V, 5300mAh
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.	

**77-6801-A A2NA; 77-6801-A A2SA; 77-6811 CAN NP 0HA; 77-6811 CAN WP 0HA (Report No.: R2311A1269-R3) is a variant model of 77-6800 CAN (Report No.: R2301A0045-R3).**

The differences are show in the below:

1. **77-6801-A A2SA is all the same with 77-6800 CAN except the model number.**
2. **77-6801-A A2NA has the same appearance with 77-6800 CAN, 77-6801-A A2NA just remove the PLC reader.**
3. **77-6811 CAN WP 0HA has no base compared with 77-6800 CAN, it only contains the above part and with PLC reader.**
4. **77-6811 CAN NP 0HA has no base compared with 77-6800 CAN, it only contains the above part and without PLC reader.**

**This report tests Radiated Spurious Emission (LTE 12, CH Middle) for 77-6801-A A2NA; 77-6811 CAN NP 0HA and 77-6811 CAN WP 0HA, and did not worsen, so they were not recorded in the report.**

**For 77-6801-A A2SA, there is no test for variant in this report.**

**This report is used in conjunction with the original report (Report No.: R2301A0045-R3).**

**The detailed product change description please refers to the Difference Declaration Letter.**

### 3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

**Test standards:**

**FCC CFR47 Part 27C (2023)**

**FCC CFR47 Part 2 (2023)**

**Reference standard:**

**ANSI C63.26-2015**

**KDB 971168 D01 Power Meas License Digital Systems v03r01**

## ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

## ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.



## ANNEX C: Product Change Description

The Product Change Description are submitted separately.

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