FCC RF Exposure Report

FCC ID	:	**2ASKHAQG01**
Equipment	:	**Arrow-VI**
Model No.	:	**4-6340-17** **(Please refer to section 1.1.1 for more details)**
Brand Name	:	**PHILLIPS CONNECT TECHNOLOGIES**
Applicant	:	**PHILLIPS CONNECT TECHNOLOGIES LLC**
Address	:	**12012 Burke Street, SANTA FE SPRINGS, California, 90670-2676, United States**
Standard	:	**47 CFR FCC Part 2.1091**
Received Date	:	**Jan. 06, 2021**
Tested Date	:	**Jan. 08 ~ Jan. 18, 2021**

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by: **Approved by:**

Along Chen / Assistant Manager **Gary Chang / Manager**

Testing Laboratory
2732

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Release Record

Report No.	Version	Description	Issued Date
FA110604	Rev. 01	Initial issue	Feb. 03, 2021

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
PHILLIPS CONNECT TECHNOLOGIES	4-6340-17	Arrow-VI	LTE Cellular GPS Tracker
	4-6340-10		
	4-6341-17		
	4-6341-10		
✦ All models are electrically identical, different model names are for marking purpose.			

2 MPE EVALUATION OF MOBILE DEVICES

2.1 LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE

Frequency Range (MHz)	Power Density (mW /cm^2)	Averaging Time (minutes)
300~1500	F/1500	30
1500~100000	1.0	30

2.2 MPE EVALUATION FORMULA

$$\mathbf{Pd} = \frac{Pt}{4 * Pi * R^2}$$

Where

Pd= Power density in mW/cm^2
Pt= EIRP in mW
Pi= 3.1416
R= Measurement distance

2.3 DEVIATION FROM TEST STANDARD AND MEASUREMENT PROCEDURE

None

2.4 MEASUREMENT UNCERTAINTY

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Parameters	Uncertainty
Conducted power	±0.808 dB

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.

2.5 MPE EVALUATION RESULTS

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Rated Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)	*Ratio	Pass / Fail
2402~2480 (BT-LE)	4.63	5	3.6	20	0.001	1	0.001	Pass
1850~1910 (LTE B2)	21.64	22	3	20	0.063	1	0.063	Pass
1710~1755 (LTE B4)	21.87	22	1.1	20	0.041	1	0.041	Pass
824~849 (LTE B5)	21.13	22	0.8	20	0.038	0.549	0.069	Pass
699~716 (LTE B12)	20.78	22	0.3	20	0.034	0.466	0.073	Pass
777~787 (LTE B13)	20.86	22	-0.6	20	0.027	0.518	0.053	Pass
1850~1915 (LTE B25)	21.69	22	3	20	0.063	1	0.063	Pass
814~849 (LTE B26)	21.15	22	0.8	20	0.038	0.543	0.070	Pass

*Ratio = Power density / Limit.

3 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

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Fax: 886-3-318-0155
Email: ICC_Service@icertifi.com.tw

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