	BUREAU VERITAS		
	RF Exposure Report		
Report No.:	RF190923E06A		
FCC ID:	2AQ68T99B132		
Test Model:	T99B132		
Received Date:	Sep. 23, 2019		
Test Date:	Oct. 16 to 24, 2019		
Issued Date:	Mar. 27, 2020		
Applicant:	Hon Lin Technology Co., Ltd		
Address:	11F., No.32, Jihu Rd., Neihu Dist., Taipei City 11492, Taiwan, R.O.C.		
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories		
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan		
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan		
FCC Registration / Designation Number:			
	and a lot of the second s		
	BIC-MRA TEsting Laboratory 2021		

SAU VE



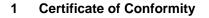
# **Table of Contents**

Relea	se Control Record	3
1	Certificate of Conformity	4
2	RF Exposure	5
	Limits For Maximum Permissible Exposure (MPE) MPE Calculation Formula	
2.3	Classification	5
2.4	Calculation Result of Maximum Conducted Power	5



# **Release Control Record**

Issue No.	Description	Date Issued
SA190923E06A	Original release.	Mar. 27, 2020



Product:Unlicensed LTE Small CellBrand:Fii-USATest Model:T99B132Sample Status:Mass-ProductionApplicant:Hon Lin Technology Co., LtdTest Date:Oct. 16 to 24, 2019Standards:FCC Part 2 (Section 2.1091)IEEE C95.3 -2002KDB 447498 D01 General RF Exposure Guidance v06

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by :

ton Chan

Celia Chen / Supervisor

Date: Mar. 27, 2020

Date:

Mar. 27, 2020

Approved by :

Rex Lai / Associate Technical Manager



## 2 RF Exposure

### 2.1 Limits For Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)				
Limits For General Population / Uncontrolled Exposure								
0.3-1.34	614	1.63	(100)*	30				
1.34-30	824/f	2.19/f	(180/f²)*	30				
30-300	27.5	0.073	0.2	30				
300-1500			f/1500	30				
1500-100,000			1.0	30				

f = Frequency in MHz ; \*Plane-wave equivalent power density

### 2.2 MPE Calculation Formula

#### $Pd = (Pout^{*}G) / (4^{*}pi^{*}r^{2})$

#### where

 $Pd = power density in mW/cm^2$ 

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

#### 2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

### 2.4 Calculation Result of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
5160-5240	15.63	9.27	20	0.0615	1
5745-5825	23.50	9.27	20	0.3765	1

Note:

1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2. Directional Gain = 6.26dBi + 10log (2) = 9.27dBi

---- END ----