

RF Exposure Report

FCC ID: 2BTX9-F101

Report No. : SSP25120310-2H

Applicant : Bestop Technology Ltd.

Product Name : wireless charger

Model Name : F101-RCXXX

Test Standard : FCC CFR 47 PART 1, 1.1310

Date of Issue : 2026-01-12

Shenzhen CCUT Quality Technology Co., Ltd.

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This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.

Test Report Basic Information

Applicant:	Bestop Technology Limited. No. 10, Pusha Road, Shalu Village, Tangxia Town, Dongguan City, Guangdong Address of Applicant.....:	Province China	
Manufacturer:	Bestop Technology Limited. No. 10, Pusha Road, Shalu Village, Tangxia Town, Dongguan City, Guangdong Address of Manufacturer.....:	Province China	
Product Name:	wireless charger		
Brand Name:	-		
Main Model:	F101-RCXXX WB02, WB03, WB04, WB05, WB06, WB07, WB08, WB09, WB10, WB11, WB12, Series Models:		WB13, WB14, WB15
Test Standard:	FCC CFR 47 PART 1, 1.1310 KDB 680106 D01 Wireless Power Transfer v04		
Date of Test	2025-12-12 to 2026-01-12		
Test Result:	PASS		
Tested By	<u>Colin Chen</u> (Colin Chen)		
Reviewed By:	<u>Lorzix Luo</u> (Lorzix Luo)		
Authorized Signatory:	<u>Lahm Peng</u> (Lahm Peng)		
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Revision History

Revision	Issue Date	Description	Revised By
V1.0	2026-01-12	Initial Release	Lahm Peng

1. General Information

1.1 Product Information

Product Name:	wireless charger
Trade Name:	-
Test Model:	F101-RCXXX
Series Models:	WB02, WB03, WB04, WB05, WB06, WB07, WB08, WB09, WB10, WB11, WB12, WB13, WB14, WB15
Rated Voltage:	Input: 5/9/12/15/20V=3.25A Type-C Cable Output: 20V=3A Watch/earphone:2.5W Phone:5W
Battery:	-
Test Sample No:	SSP25120310-1
Hardware Version:	V1.0
Software Version:	V1.0
Note 1: The test data is gathered from a production sample, provided by the manufacturer.	
Note 2: The manufacturer declares that the listed series models have different appearance colors, shapes and model names from the main model, but the circuits and electronic structures are the same.	

Wireless Specification	
Wireless Standard:	WPC (QI)
Operating Frequency:	Apple Watch: 325kHz Watch: 120-320kHz Phone: 110.5-205kHz
Modulation:	ASK
Antenna Gain:	0dBi
Type of Antenna:	Coil Antenna
Type of Device:	☐ Portable Device ☒ Mobile Device

1.2 Test Setup Information

List of Test Modes			
Test Mode	Description	Remark	
TM1	Wireless charging 5W (Phone)	-	
TM2	Wireless charging 2.5W (Watch)	-	
TM3	Wireless charging 2.5W (earphone)	-	
Note: All modes have been tested and only the worst mode TM1 data is represented in the report.			
List and Details of Auxiliary Cable			
Description	Length (cm)	Shielded/Unshielded	With/Without Ferrite
-	-	-	-
List and Details of Auxiliary Equipment			
Description	Manufacturer	Model	Serial Number
Adapter	UGREEN	CD289	90324
Phone	iPhone	iPhone 12pro	-

1.3 Test Facilities

Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
CNAS Laboratory No.:	L18863
A2LA Certificate No.:	6983.01
FCC Registration No.:	583813
ISED Registration No.:	CN0164

1.4 List of Measurement Instruments

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Electromagnet-ic radiation tester	WAVECONTROL	SMP3	23SL0158	2025-07-16	2026-07-15
Electromagnet-ic field probe	WAVECONTROL	WP400-3	24WP120170	2025-07-16	2026-07-15
Test Software	WAVECONTROL	SMP	N/A	N/A	N/A

1.5 Measurement Uncertainty

Test Item	Uncertainty
E-field	0.6 dB
H-field	0.6 dB

2. RF Exposure

2.1 Standard and Limit

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

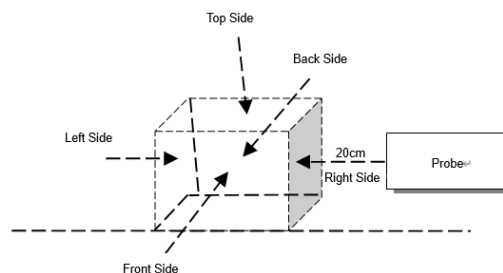
Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3–3.0	614	1.63	*(100)	6
3.0–30	1842/f	4.89/f	*(900/f ²)	6
30–300	61.4	0.163	1.0	6
300–1500			f/300	6
1500–100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	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

2.2 Test Procedures

- 1) The RF exposure test was performed in anechoic chamber.
- 2) E and H-field measurements should be made with the center of the probe at a distance of 20cm surrounding the device and 20 cm above the top surface of the primary/client pair.
These measurements should be repeated for three different client battery levels, 1%, 50%, and 99%.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.



Test Setup Block Diagram

2.3 Test Data and Results

The report reflects data for the worst mode only.

Test condition 1: Mode 1 operating mode with client device (1 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Client device	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<1%	Top	20	0.77	0.05
<1%	Left	20	0.75	0.08
<1%	Right	20	0.86	0.06
<1%	Front	20	0.51	0.03
<1%	Back	20	0.42	0.05
Limit			614	1.63
50% Margin Limit			307	0.815

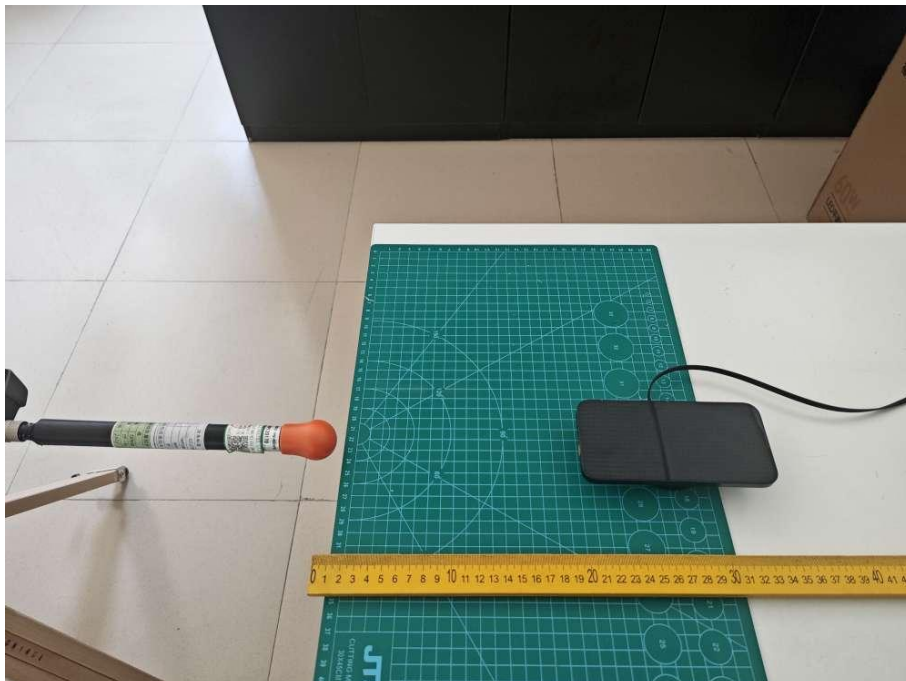
Test condition 1: Mode 1 operating mode with client device (50 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Battery levels	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<50%	Top	20	0.76	0.07
<50%	Left	20	0.73	0.06
<50%	Right	20	0.86	0.04
<50%	Front	20	0.45	0.05
<50%	Back	20	0.46	0.03
Limit			614	1.63
50% Margin Limit			307	0.815

Test condition 1: Mode 1 operating mode with client device (99 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Battery levels	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<99%	Top	20	0.69	0.05
<99%	Left	20	0.68	0.07
<99%	Right	20	0.82	0.04
<99%	Front	20	0.45	0.03
<99%	Back	20	0.47	0.02
Limit			614	1.63
50% Margin Limit			307	0.815

Annex A. Test Photos

Test View 1**Test View 2**

Test View 3**Test View 4**

Test View 5

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