

RF Exposure Report

For

Applicant Name: MOKO TECHNOLOGY LIMITED

Address: Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street,

Longhua, Shenzhen, China 518110

EUT Name: Beacon Brand Name: N/A Model Number: H8

Series Model Number: H8-BNDAX-Z,H8-BNDA-Z,H8-BNDNX-Z,H8-BNDN-Z,H8-BNDAX

H8-BNDA, H8-BNDNX, H8-BNDN

Issued By

Company Name: BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park,

Address: Tantou Community, Songgang Street, Bao'an District, Shenzhen,

China

Report Number: BTF240628R00402

Test Standards: 47 CFR Part 2 Subpart J Section 2.1093

FCC ID: 2AO94-H8

Test Conclusion: Pass

Test Date: 2024-06-29 to 2024-07-08

Date of Issue: 2024-07-09

Prepared By:

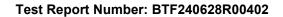
Ace Xie Project Engineer 2024-07-09

Date:
Approved By:

Ryan.CJ / EMC Manager

Date: 2024-07-09

Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.





Revision History					
Version	Issue Date Revisions Content				
R_V0	2024-07-09	Original			
Note:	Once the revision has been made, then previous versions reports are invalid.				

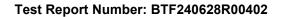




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1. Introduction

1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address: F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Community, Songgang Street, Bao'an District, Shenzhen, Chin	
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

1.2 Identification of the Responsible Testing Location

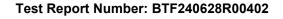
Test Location:	BTF Testing Lab (Shenzhen) Co., Ltd.	
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China	
Description:	All measurement facilities used to collect the measurement data are located at F101,201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China	
FCC Registration Number:	518915	
Designation Number:	CN1330	

1.3 Laboratory Condition

Ambient Temperature:	20℃ to 25℃
Ambient Relative Humidity:	45% to 55%
Ambient Pressure:	100 kPa to 102 kPa

1.4 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.





2. Product Information

2.1 Application Information

Company Name:	MOKO TECHNOLOGY LIMITED		
Address:	Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street, Longhua, Shenzhen, China 518110		

2.2 Manufacturer Information

Company Name:	MOKO TECHNOLOGY LIMITED
Address:	Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street, Longhua, Shenzhen, China 518110

2.3 Factory Information

Company Name:	MOKO TECHNOLOGY LIMITED	
Address:	Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street, Longhua, Shenzhen, China 518110	

2.4 General Description of Equipment under Test (EUT)

EUT Name	Beacon		
Under Test Model Name	H8		
Series model name:	H8-BNDAX-Z,H8-BNDA-Z,H8-BNDNX-Z,H8-BNDN-Z,H8-BNDAX H8-BNDA,H8-BNDNX ,H8-BNDN		
Description of model name differentiation:	H8-BNDAX-Z with accelerometer, clock crystal oscillator, and motor H8-BNDA-Z with accelerometer without clock crystal oscillator and motor H8-BNDNX-Z without accelerometer with clock crystal oscillator and motor H8-BNDN-Z without accelerometer, without clock crystal oscillator, with motor H8-BNDAX with accelerometer, clock crystal oscillator, and no motor H8-BNDA with accelerometer, no clock, crystal oscillator, no motor H8-BNDNX without accelerometer, clock crystal oscillator, and motor		
Hardware Version	N/A		
Software and Firmware Version	N/A		



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3. Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] • [$\sqrt{f(GHz)}$] ≤ 7.5 Where

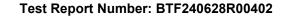
- -f(GHz) is the RF channel transmit frequency in GHz
- -Power and distance are rounded to the nearest mW and mm before calculation
- -The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

3.1 Assessment Result

$oxed{oxed}$ Passed	Not Applicable
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Туре	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT-BLE	2402	0.01	1	1.26	7.5	Pass

Note: The exposure evaluation safety distance is 5mm.







BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China

www.btf-lab.com

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