

RF Exposure Report

For

Applicant Name: InfiShark Technologies Inc.

Address: 6D-7398 Yonge St, PMB 725, Vaughan ON L4J 8J2, Canada

EUT Name: BLEShark Nano

Brand Name: N/A

Model Number: BLS-N-001

Series Model Number: N/A

Issued By

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

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

Approved by

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

China

Report Number: BTF250327R02203

Test Standards: FCC CFR Title 47 Part 15 Subpart C (§15.247)

FCC ID: 2BO2S-BLSN001

Test Conclusion: Pass

Test Date: 2025-04-16 to 2025-04-25

Date of Issue: 2025-04-25

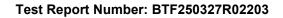
Test by: Sean. He

Sean.He / Tester

Prepared by: Chris Liu

Chris Liu/ Project engineer

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	ion Issue Date Revisions Content				
R_V0	2025-04-25	Original			
Note:	Once the revision has b	Once the revision has been made, then previous versions reports are invalid.			

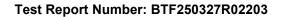




Table of Contents

1. Introduction	4
1.1 Identification of Testing Laboratory	4
1.2 Identification of the Responsible Testing Location	4
1.3 Laboratory Condition	
1.4 Announcement	4
2. Product Information	5
2.1 Application Information	
2.2 Manufacturer Information	5
2.3 Factory Information	5
2.4 General Description of Equipment under Test (EUT)	
3. Test Requirement	
3.1 Assessment Result	



Test Report Number: BTF250327R02203

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, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China		
Phone Number:	+86-0755-23146130		
Fax Number:	+86-0755-23146130		

1.2 Identification of the Responsible Testing Location

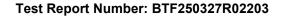
Test Location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Description:	All measurement facilities used to collect the measurement data are located at F101,201 and 301, 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:	InfiShark Technologies Inc.
Address:	6D-7398 Yonge St, PMB 725, Vaughan ON L4J 8J2, Canada

2.2 Manufacturer Information

Company Name:	InfiShark Technologies Inc.	
Address:	6D-7398 Yonge St, PMB 725, Vaughan ON L4J 8J2, Canada	

2.3 Factory Information

Company Name:	InfiShark Technologies Inc.
Address:	6D-7398 Yonge St, PMB 725, Vaughan ON L4J 8J2, Canada

2.4 General Description of Equipment under Test (EUT)

EUT name	BLEShark Nano
Under test model name	BLS-N-001
Series model name	N/A
Description of model name differentiation	N/A
Hardware Version	BLEShark Nano Rev 1.0
Software Version	V0.8
Power supply:	DC 5V(Adapter power supply) or DC 3.7V from battery
AC adapter:	N/A



Test Report Number: BTF250327R02203

3. Test Requirement

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),

Ereguency range	Electric field	Magnetic field strength	Power density	Averaging time	
Frequency range				0 0	
(MHz)	strength(V/m)	(A/m)	(mW/cm ²)	(minutes)	
	(A) Limits f	or 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	

Note: f = frequency in MHz

EVALUATION METHOD

Transmission formula: $Pd = (Pout*G)/(4*pi*r^2)$

Where

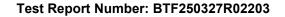
Pd = power density in mW/cm², Pout = output power to antenna in mW, G = gain of antenna in linear scale;

Pi = 3.1416, R = distance between observation point and center of the radiator in cm

3.1 Assessment Result

Frequency (MHz)	Туре	Conducted Power (dBm)	Maximum Tune- up (dBm)	Power Density (mW/cm2)	Limit (mW/cm2)	Result
2402	BLE	5.70	6.00	0.0015	1.0000	Pass
2437	802.11b	14.30	15.00	0.012	1.0000	Pass

Note: The exposure evaluation safety distance is 20cm.







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

-- END OF REPORT--