

FCC TEST REPORT

Report No.....: AB25080050FW02
FCC ID.....: **2ATXY-223XX**
Applicant.....: DeltaTrak, Inc
Address.....: 1236 Doker Drive, Modesto, CA 95351 US Modesto, CA 95351
Manufacturer.....: DeltaTrak, Inc
Address.....: 1236 Doker Drive, Modesto, CA 95351 US Modesto, CA 95351
Product Name.....: FlashLink NOW
Trade Mark.....: DeltaTrak, Inc
Test Model.....: 22390-04
Additional Model(s).....: See section 1.1(page 4)
Standard.....: FCC Part 2 (Section 2.1091);KDB 447498 D01;IEEE C95.1
Date of Receipt.....: 2025.08.18
Date of Issue.....: 2025.08.29
Test Result.....: Pass

Compiled by:
(Printed Name + Signature)

Huaijie Li

Huaijie Li

Supervised by:
(Printed Name + Signature)

David Huang

David Huang

Approved by:
(Printed Name + Signature)

Jay Liu

Jay Liu

Testing Laboratory Name.....: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address.....: 101, Building B, Tuori New Energy Industrial Park, High-tech Park,
Tianliao Community, Yutang Street, Guangming District, Shenzhen
City, Guangdong Province, China

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FCC TEST REPORT

EUT.....	:	FlashLink NOW
Test Model.....	:	22390-04
Applicant.....	:	DeltaTrak, Inc
Address.....	:	1236 Docker Drive, Modesto, CA 95351 US Modesto, CA 95351
Manufacturer.....	:	DeltaTrak, Inc
Address.....	:	1236 Docker Drive, Modesto, CA 95351 US Modesto, CA 95351

Test Result	Positive
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

REPORT VERSION

Version No.	Issue Date	Description
01	2025.08.29	Initial Issue

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1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

Product Name:	FlashLink NOW	
Trade Mark:	DeltaTrak, Inc	
Test Model:	22390-04	
Additional Model(s):	22390, 22390-XX, 22391, 22391-XX, 22392, 22392-XX, 22393, 22393-XX, 22394, 22394-XX, 22395, 22395-XX, 22396, 22396-XX, 22397, 22397-XX, 22398, 22398-XX, 22399, 22399-XX	
Model Difference:	All models are the same circuit and RF module, except the model name	
Hardware Version:	V59MR41	
Software Version:	V5B_4N_DT2239X	
Power Supply:	DC 3.7V by battery(1800mAh)	
EUT Supports Function: (Provided by the customer)	E-UTRA Bands:	LTE Band 2/4/5/7/38/40/41
Test Sample(s) Number:	AB25080050-01 (Engineer Sample)	
Radio Specification Subject to this Report		
Support Networks:	Band 2 / 4 / 5 / 7 / 38 / 40 / 41	
Frequency Range:	Band 2	1850MHz–1910MHz
	Band 4	1710MHz–1755MHz
	Band 5	824MHz–849MHz
	Band 7	2500MHz–2570MHz
	Band 38	2570MHz–2620MHz
	Band 40-1	2305MHz–2315MHz
	Band 40-2	2350MHz–2360MHz
	Band 41	2496MHz–2690MHz
Modulation Type:	QPSK	
Channel Bandwidth:	Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	Band 7	5MHz, 10MHz, 15MHz, 20MHz
	Band 38	5MHz, 10MHz, 15MHz, 20MHz
	Band 40-1	5MHz, 10MHz
	Band 40-2	5MHz, 10MHz
	Band 41	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	Band 2	-1.01 dBi
	Band 4	-0.9 dBi
	Band 5	-0.89 dBi
	Band 7	0.28 dBi
	Band 38	0.20 dBi
	Band 40-1	0.18 dBi

	Band 40-2	0.18dBi
	Band 41	0.19 dBi

1.2. DESCRIPTION OF TEST FACILITY

Test Lab: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address: 101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China

Tel.: +(86) 755 85250797

E-mail: aibo@aibonorm.com

Website: www.aibonorm.com

The test facility is recognized, certified, or accredited by the following organizations:

A2LA-Lab Certificate No.: 7514.01

Aibo Standard Technology (Shenzhen) Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC Accredited Lab.

Designation Number: CN1411

Test Firm Registration Number: 567066

ISED Wireless Device Testing Laboratories

CAB identifier: CN0185

2. RF EXPOSURE EVALUATION

2.1 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

Friis transmission formula: $P_d = (P_{out} * G) / (4 * \pi * r^2)$

Where

P_d = power density in mW/cm², P_{out} = 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

P_d is the limit of MPE, 1 mW/cm². If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance r where the MPE limit is reached.

Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

2.2 Evaluation Result

Mode	RF Power	Gain (dB)	Output power to antenna (dBm)	Output power to antenna (mW)	Power Density at R=20cm (mW/cm ²)	Limit (mW/cm ²)	Result
LTE band 2	22.92	-1.01	21.91	155.24	0.030884	1.0	PASS
LTE band 4	22.41	-0.9	21.51	141.58	0.028166	1.0	PASS
LTE band 5	22.6	-0.89	19.56	90.36	0.017978	0.56	PASS
LTE band 7	21.79	0.28	22.07	161.06	0.032043	1.0	PASS
LTE band 38	21.01	0.2	21.21	132.13	0.026286	1.0	PASS
LTE band 40-1	22.46	0.18	22.64	183.65	0.036537	1.0	PASS
LTE band 40-2	22.57	0.18	22.75	188.36	0.037474	1.0	PASS
LTE band 41	20.96	0.19	21.15	130.32	0.025926	1.0	PASS

So a SAR test is not required

*****THE END*****