



Test Report No.:
FCCSZ2025-0074-H

RF Test Report

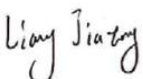
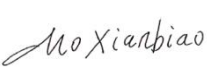
FCC ID : 2ATXY-230XX

NAME OF SAMPLE : FlashLink NOW

APPLICANT : DeltaTrak Inc.

CLASSIFICATION OF TEST : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.

Applicant		Name: DeltaTrak Inc. Address: 1236 Doker Drive, Modesto, CA 95351 USA	
Manufacturer		Name: DeltaTrak Inc. Address: 1236 Doker Drive, Modesto, CA 95351 USA	
Equipment Under Test		Product Name: FlashLink NOW Model/Type: 230XX (see section 1) Brand Name: DeltaTrak Serial NO.: N/A Sample NO.: 3-1	
Date of Receipt.	Feb .28 2025	Date of Testing	Feb .28 2025 ~ Mar. 11 2025
Test Specification		Test Result	
FCC Part 2 (Section 2.1091) KDB 447498 D04v01, IEEE C95.3		PASS	
Evaluation of Test Result	The equipment under test was found to comply with the requirements of the standards applied. Seal of CVC Issue Date: Mar.11 2025		
Compiled by:  <u>Liang Jiatong</u> Name Signature	Reviewed by:  <u>Mo Xianbiao</u> Name Signature	Approved by:  <u>Dong Sanbi</u> Name Signature	
Other Aspects: NONE.			
Abbreviations: OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2025-0023-H	Original release	Mar.12 2025
FCCSZ2025-0074-H	Modify the manufacturer's address information	Jul.22 2025

1 GENERAL PRODUCT INFORMATION

PRODUCT	FlashLink NOW
BRAND	DeltaTrak
TEST MODEL	230XX(note1)
POWER SUPPLY	DC 4.5V from battery (non-rechargeable) DC 3.6V from battery (rechargeable)
STANDARDS	FCC Part 2 (Section 2.1091)
	KDB 447498 D04v01
	IEEE C95.3
NOTE: 1."X " is wildcard."X" is a single a number from 1 to 9, representing different versions.	

2 RF EXPOSURE LIMIT GENERAL INFORMATION

2.1 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**.

2.2 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

(Option B) According to Part 1.1307b, or the available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P is given by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz;

and

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

(Option C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda / 2 \pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda / 4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

RF SOURCE FREQUENCY (MHZ)	THRESHOLD ERP(W)
0.3 -1.34	$1,920 R^2$
1.34 - 30	$3,450 R^2 F^2$
30 -300	$3.83 R^2$
300-1500	$0.0128 R^2 F$
1500-100,000	$19.2 R^2$

2.3 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

BAND	slot	Tune-up power(dBm)	Maximum tune-up tolerance(dBm)	Division Factors (dB)	Maximum tune-up tolerance (dBm)
GSM850	1	32.0 ± 1	33	-9.03	23.97
	2	31.0 ± 1	32	-6.02	25.98
	3	29.0 ± 1	30	-4.26	25.74
	4	28.0 ± 1	29	-3.01	25.99
GSM1900	1	29.0 ± 1	30	-9.03	20.97
	2	29.0 ± 1	30	-6.02	23.98
	3	27.0 ± 1	28	-4.26	23.74
	4	25.0 ± 1	26	-3.01	22.99

Note:

Division Factors

To average the power, the division factor is as follows:

1Tx slot = 1 transmit time slot out of 8 time slots

=> conducted power divided by (8/1) => -9.03 dB

Band	Bandwidth	Modulation	Channel	Tune-up power(dBm)	Maximumtune-up tolerance(dBm)
LTE B2	1.4Mhz	QPSK	18607	20.5±1	21.5
			18900	19.44±1	20.44
			19193	19.86±1	20.86
		16QAM	18607	20.00±1	21
			18900	18.32±1	19.32
			19193	18.75±1	19.75
	3Mhz	QPSK	18615	22.63±1	23.63
			18900	21.37±1	22.37
			19185	20.32±1	21.32
		16QAM	18615	21.32±1	22.32
			18900	19.39±1	20.39
			19185	19.59±1	20.59
	5Mhz	QPSK	18625	22.93±1	23.93
			18900	21.4±1	22.4
			19175	20.5±1	21.5
		16QAM	18625	19.74±1	20.74
			18900	20.21±1	21.21
			19175	19.74±1	20.74
	10Mhz	QPSK	18650	24.26±1	25.26
			18900	22.59±1	23.59
			19150	22.12±1	23.12
		16QAM	18650	24.51±1	25.51
			18900	20.69±1	21.69
			19150	21.75±1	22.75
	15Mhz	QPSK	18675	23.58±1	24.58
			18900	20.6±1	21.6
			19125	22.21±1	23.21
		16QAM	18675	23.53±1	24.53
			18900	20.39±1	21.39
			19125	21.9±1	22.9
	20Mhz	QPSK	18700	24.23±1	25.23
			18900	22.94±1	23.94
			19100	23.52±1	24.52
		16QAM	18700	22.95±1	23.95
			18900	19.47±1	20.57
			19100	19.73±1	20.73

Band	Bandwidth	Modulation	Channel	Tune-up power(dBm)	Maximumtune-up tolerance(dBm)
LTE B4	1.4Mhz	QPSK	19957	22.06±1	23.06
			20175	20.35±1	21.35
			20393	20.26±1	21.26
		16QAM	19957	21.84±1	22.84
			20175	19±1	20.00
			20393	19.32±1	20.32
	3Mhz	QPSK	19965	22.63±1	23.63
			20175	20.34±1	21.34
			20385	21.25±1	22.25
		16QAM	19965	21.32±1	22.32
			20175	19.37±1	20.37
			20385	19.54±1	20.54
	5Mhz	QPSK	19975	21.29±1	22.29
			20175	20.21±1	21.21
			20375	20.55±1	21.55
		16QAM	19975	23.18±1	24.18
			20175	21.41±1	22.41
			20375	21.4±1	22.40
	10Mhz	QPSK	20000	23.16±1	24.16
			20175	22.08±1	23.08
			20350	20.69±1	21.69
		16QAM	20000	23.64±1	24.64
			20175	24.32±1	25.32
			20350	23.35±1	24.35
	15Mhz	QPSK	20025	23.59±1	24.59
			20175	22.43±1	23.43
			20325	22.67±1	23.67
		16QAM	20025	23.21±1	24.21
			20175	22.22±1	23.22
			20325	20.57±1	21.57
	20Mhz	QPSK	20050	23.3±1	24.30
			20175	23.25±1	24.25
			20300	20.61±1	21.61
		16QAM	20050	19.37±1	20.37
			20175	19.37±1	20.37
			20300	19.37±1	20.37

2.4 RF EXPOSURE EVALUATION

Maximum Permissible Exposure

Technology	Band	Maximum Tune-up power (dBm)	Antenna Gain (dBi)	Pth(dBm)	Pth(mW)	Part1.1307b Threshold (mW)	Verify
LTE	LTE B2	25.51	1.16	24.52	283.14	3060.00	PASS
	LTE B4	25.32	2.00	25.17	328.85	3060.00	PASS
GSM	GSM 850	25.99	2.68	26.52	448.75	1680.96	PASS
	GSM 1900	23.98	1.16	22.99	199.07	3060.00	PASS

Pth(dBm)= Maximum Tune-up power (dBm) + Antenna Gain(dBi) -2.15

Conclusion:

Therefore, this confirmed that the device compliance with FCC RF exposure requirements.

----- End of the Report -----

Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

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