

RF Exposure Report

Report No.: SA180409D11

FCC ID: A4Z-A0226

Test Model: DrivePro 550

Series Model: DP550, DrivePro 5XXXXXXX, DP5XXXXXXX

(The word "X" in the Model Number could be defined as A-Z, 0-9, -, _ , or blank for marketing differentiation)

Received Date: Apr. 9, 2018

Test Date: Apr.18 ~ 27, 2018

Issued Date: May 9, 2018

Applicant: Transcend Information Inc.

Address: No. 70, Xing Zhong Rd., NeiHu Dist., Taipei, Taiwan

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)



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Release Control Record

Issue No.	Description	Date Issued
SA180409D11	Original release.	May 9, 2018

1 Certificate of Conformity

Product: Dashcam

Brand: Transcend

Test Model: DrivePro 550

Series Model: DP550, DrivePro 5XXXXXXX, DP5XXXXXXX

(The word "X" in the Model Number could be defined as A-Z, 0-9, -, _ , or blank for marketing differentiation)

Sample Status: Engineering sample

Applicant: Transcend Information Inc.

Test Date: Apr.18 ~ 27, 2018

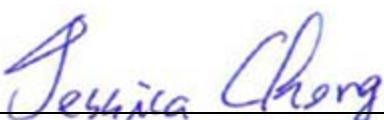
Standards: FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-1992

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by :



Jessica Cheng / Senior Specialist

, Date:

May 9, 2018

Approved by :



Rex Lai / Associate Technical Manager

, Date:

May 9, 2018

2 RF Exposure

2.1 Limits For Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
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 ; *Plane-wave equivalent power density

2.2 MPE Calculation Formula

$$Pd = (P_{out} * G) / (4 * \pi * r^2)$$

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

2.3 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**.

2.4 Calculation Result Of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
2412-2462	21.38	0.21	20	0.0287	1

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