

Maximum Permissible Exposure Report

FCC ID: 2AQUTD310-VCAM

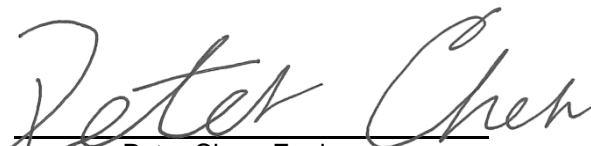
Report No. : BTL-FCCP-2-2005T065
Equipment : Connected Vehicle Camera
Model Name : D310, D310F, D310-F, D310F-OTUS, D310-02, D310-02-2C
Brand Name : OTUS
Applicant : OTUS IMAGING, INC.
Address : 3F., No 192, Liancheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C)

FCC Rule Part(s) : FCC Guidelines for Human Exposure IEEE C95.1

Date of Receipt : 2020/5/18
Date of Test : 2020/5/18 ~ 2020/7/2
Issued Date : 2020/7/30

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by :


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Approved by :


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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2020/7/30

MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:


S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Test Model	Antenna Type	Connector	Gain (dBi)
1		HT625-0521-001	PIFA	IPEX	-0.41

TEST RESULTS

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm2)	Limit of Power Density (S) (mW/cm2)	Test Result
-0.41	0.9099	20.97	125.0259	0.02264386	1	Complies

Note:

1. The calculated distance is 20 cm.

End of Test Report