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CERTIFICATION TEST REPORT

Manufacturer: ECO Parking Technologies, LLC
8730 Corporation Drive
Indianapolis, Indiana 46256 USA

Applicant: Same as Above

Product Name: FALCON Vision Based Parking Guidance System

Product Description: Camera based, parking guidance system, with ability to be integrated into ECO's FLEX-Tech parking garage light fixture.

Model: ECO FALCON – Rev B

FCC ID: 2AVOF-FC-14211

Testing Commenced: Oct. 15, 2019

Testing Ended: Oct. 25, 2019

Test Results: In Compliance

The EUT complies with the EMC requirements when manufactured identically as the unit tested in this report, including any required modifications. Any changes to the design or build of this unit subsequent to this testing may deem it non-compliant.

Standards:

- KDB447498



Evaluation Conducted by:

Julius Chiller, EMC/Wireless Engineer



Report Reviewed by:

Ken Littell, Director of EMC & Wireless Operations

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1 ADMINISTRATIVE INFORMATION**1.1 Measurement Location:**

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Measurement Procedure:

All measurements were performed according to KDB558074.

1.4 Document History

Document Number	Description	Issue Date	Approved By
F2P21582A-02E	First Issue	June 19, 2020	K. Littell

2 SUMMARY OF TEST RESULTS

Test Name	Standard(s)	Results
RF Exposure for Device >20cm from Human	KDB447498	Complies

Modifications Made to the Equipment
None

3 ENGINEERING STATEMENT

This report has been prepared on behalf of ECO Parking Technologies, LLC to provide documentation for the testing described herein. This equipment has been tested and found to comply with KDB447498. The test results found in this test report relate only to the item(s) tested.

4 EUT INFORMATION AND DATA**4.1 Equipment Under Test:**Product: **FALCON Vision Based Parking Guidance System**Model: **ECO FALCON – Rev B**

Serial No.: None Specified

FCC ID: **2AVOF-FC-14211****4.2 Trade Name:**

ECO Parking Technologies, LLC

4.3 Power Supply:**MeanWell LPF-25-24****4.4 Applicable Rules:**

- KDB447498

4.5 Equipment Category:

Radio Transmitter-DTS

4.6 Antenna:

4.4dBi Integral

4.7 Accessories:

Device	Manufacturer	Model Number	Serial Number
Laptop	Dell	Latitude E6500	HB68137790
USB to TTL Converter	DTech	PL2303TA	None Specified
Power Supply	MeanWell	LPT-25-24	None Specified

4.8 Test Item Condition:

The equipment to be tested was received in good condition.

5. RF EXPOSURE FOR DEVICE >20cm FROM HUMAN**5.1 Requirements:** Distance used is 20cm**Limit:** 1mW/cm²**Formula used for result:** $\frac{E.I.R.P.}{4 \pi R^2}$ **Results:** E.I.R.P. = 307.61mW

307.61mW at the 2412 Low Channel in CCK modulation, which is the highest.

$$\frac{307.61\text{mW}}{4 \pi R^2} = \frac{307.61\text{mW}}{5026.55} = 0.0612\text{mW/cm}^2$$