www.f2labs.com MPE REPORT

Manufacturer: Chandler Systems, Inc.

710 Orange Street

Ashland, Ohio 44805 USA

Applicant: Same as Above

Product Name: Legacy View Valve

Product Description: The Legacy View Valve controls water softening and water

filtering appliances. The valve controller can operate several different models of softeners and filters and gives the user the ability to change settings and view information about water treated by the appliance. The Legacy View Valve can be connected to via Bluetooth using a Google or Apple App, giving

the user a convenient user interface to interact with.

Model: EVB-034

FCC ID: SWP-EVB-034

IC: 31769-EVB034

Testing Commenced: 2023-11-29

Testing Ended: 2024-02-13

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.

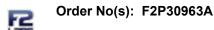
Standards:

KDB447498

• FCC 1.1310

Safety Code 6

RSS-102



Applicant: Chandler Systems, Inc.

Model: EVB-034

Evaluation Conducted by:

Julius Chiller, Senior Wireless Project Engineer

Report Reviewed by:

Ken Littell, Vice President of Operations

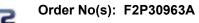
F2 Labs 26501 Ridge Road Damascus, MD 20872 Ph 301.253.4500 F2 Labs 16740 Peters Road Middlefield, OH 44062 Ph 440.632.5541

flischild

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Applicant: Chandler Systems, Inc. Model: EVB-034

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	> FCC
	≽ IC

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Applicant: Chandler Systems, Inc.

Model: EVB-034

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.

Site description and attenuation data are on file with the Certification and Engineering Bureau, Industry Canada, Site Number 4730B.

1.2 Measurement Procedure:

All measurements were performed according to:

- KDB558074
- FCC 15.247
- RSS-247

1.4 Document History

Document Number	Description	Issue Date	Approved By
F2P30963A-04E	First Issue	2024-02-13	K. Littell

042216

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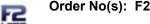
Applicant: Chandler Systems, Inc. Model: EVB-034 Order No(s): F2P30963A

SUMMARY OF TEST RESULTS 2

Test Name	Standard(s)	Results
RF Exposure for Device >20cm from Human	KDB447498 FCC 1.1310 Safety Code 6 RSS-102	Complies

Modifications Made to the Equipment
None

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Order No(s): F2P30963A Applicant: Chandler Systems, Inc.

Model: EVB-034

3 ENGINEERING STATEMENT

This report has been prepared on behalf of Chandler Systems, Inc. to provide documentation for the testing described herein. This equipment has been tested and calculations were found to comply with KDB447498, FCC 1.1310, Safety Code 6 and RSS-102. The test results found in this test report relate only to the item(s) tested.

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Order No(s): F2P30963A Applicant: Chandler Systems, Inc.

Model: EVB-034

4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: Legacy View Valve

Model: EVB-034 Serial No.: 000001 FCC ID: SWP-EVB-034 IC: 31769-EVB034

4.2 Trade Name:

Chandler Systems, Inc.

4.3 Power Supply:

Chandler Systems model 2001X125

4.4 Applicable Rules:

- KDB447498
- FCC 1.1310
- Safety Code 6
- RSS-102

4.5 Equipment Category:

Radio Transmitter-DTS

4.6 Antenna:

Integral

4.7 Accessories:

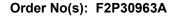
N/A

4.8 Test Item Condition:

The equipment to be tested was received in good condition.

042216

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Applicant: Chandler Systems, Inc. Model: EVB-034

5. RF EXPOSURE FOR DEVICE >20cm FROM HUMAN

5.1 Requirements: Distance used is 20cm

FCC		
Limit:	1mW/cm ²	
Formula used for result:	<u>E.I.R.P.</u>	
	4 π R2	
Results:	E.I.R.P. = 69.82mW	
	69.82mW at the 2480 MHz High Channel (highest)	
	$\frac{69.82\text{mW}}{4 \text{ m R}^2}$ = $\frac{69.82\text{mW}}{5026.55}$ = 0.014mW/cm2	

IC		
Limit:	5.47W/m ²	
Formula used for result:	E.I.R.P.	
	4 π R2	
Results:	E.I.R.P. = 69.82mW	
	69.82mW at the 2480 MHz High Channel (highest)	
	$\frac{69.82 \text{mW}}{4 \text{ m R}^2}$ = $\frac{69.82 \text{mW}}{5026.55}$ = 0.14 W/m ²	