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## **CERTIFICATION TEST REPORT**

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**Manufacturer:** Vapor Communications  
1 Broadway, 14<sup>th</sup> Floor  
Cambridge, Massachusetts 02142 USA

**Applicant:** Same As Above

**Product Name:** Cyrano

**Product Description:** The Cyrano is a step forward in Air Control devices. It allows consumers to control the air they breathe with a smart phone or tablet. The device is portable and battery-operated. It can be recharged via a supplied USB cable. It contains three scent chips and each chip can hold up to 4 individual scents for a total of 12 for the device. Consumers connect to the device via Bluetooth from an iPhone or iPad using our oNotes app. Users simply tap on a scent image to play an individual scent like "Suntan" or Coconut." Consumers can also create a track of scents to play one after the other.

**Model:** CYR161

**FCC ID:** 2AHYTCYR161

**Testing Commenced:** Apr. 4, 2016

**Testing Ended:** Apr. 12, 2016

**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 Part 1.1310



Order Number: F2LQ8323

Client: Vapor Communications

Model: CYR161

**Evaluation Conducted by:**

Ken Littell, Director of EMC & Wireless Operations

**Report Reviewed by:**

Wendy Fuster, President

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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
F2LQ8323-02E	First Issue	Apr. 15, 2016	W. Fuster



## 2 SUMMARY OF TEST RESULTS

Test Name	Standard(s)	Results
RF Exposure for Device >20cm from Human	KDB447498 FCC Part 1.1310	Complies

Modifications Made to the Equipment
None



### **3 ENGINEERING STATEMENT**

This report has been prepared on behalf of Vapor Communications to provide documentation for the testing described herein. This equipment has been tested and found to comply with KDB447498 and Part 1.1310 of the FCC Rules and Regulations. 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: Cyrano

Model: CYR161

Serial No.: None Spec.\*

FCC ID: 2AHYTCYR161

\*Two samples were provided - S01 was used for Conducted Emissions tests; S02 was used for Radiated Emissions tests.

##### **4.2 Trade Name:**

Vapor Communications

##### **4.3 Power Supply:**

USB AC/DC Supply – Samsung ETA-U90JWE, s/n RT4DA15PS/B-E

##### **4.4 Applicable Rules:**

- KDB447498
- FCC Part 1.1310

##### **4.5 Equipment Category:**

Radio Transmitter-DTS

##### **4.6 Antenna:**

Single Line PCB (Inverted F Antenna)

##### **4.7 Accessories:**

N/A

##### **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:

**Limit:** 1mW/cm<sup>2</sup>

**Formula used for result:**  $\frac{E.I.R.P.}{4 \pi R^2}$

**Results:** E.I.R.P. =0.524mW

0.524mW at the 2402 MHz Low Channel  
which is the highest.

$$\frac{0.524\text{mW}}{4 \pi R^2} = \frac{0.524\text{mW}}{5026.55} = 0.00010\text{mW/cm}^2$$