



# FCC PART 15B EMC TEST SUMMARY

Shenzhen HX Detect Certification Co., Ltd. – FCC Part 15 Subpart B

## 1. Testing Facility Credibility

Shenzhen HX Detect Certification Co., Ltd. is an accredited EMC testing laboratory specializing in FCC, CE, and international electromagnetic compliance evaluations. Their chamber and equipment meet ANSI C63.4 requirements, using calibrated EMI receivers, LISNs, and bilog antennas for radiated and conducted emissions testing (Pages 1–4).

## 2. Description of Tests Performed

The OH-FEEL Hydroxyl Air Protection System (CZ01 tested, representing CZ02, CZ03, CZ04, CZ06, CZ07, CZ08, CZ09, CZ10, CZ12) was evaluated according to:

- FCC Part 15:2019 Subpart B (Class B)
- ANSI C63.4 procedures

Tests included:

- Radiated emissions (30–1000 MHz)
- Conducted emissions – Not applicable (DC-powered device)

## 3. Key Results

- **Radiated Emissions: PASS** — All emissions well below FCC limits.

Examples (Pages 10–11):

89.6 MHz → 19.9 dB $\mu$ V/m (Limit: 43.5) → Margin: –23.6 dB  
291 MHz → 26.6 dB $\mu$ V/m (Limit: 46.0) → Margin: –19.4 dB  
790 MHz → 30.5 dB $\mu$ V/m (Limit: 46.0) → Margin: –15.5 dB

Environmental conditions (Page 9):

- Temperature: 25°C
- Humidity: 48%
- Pressure: 1010 hPa

## 4. Certification Details

- Report No.: HX2006095502



**OH-Feel Hydroxyl Air & Surface Sanitization System**

*"OH-Feel is Not an Air Filter  
It is Far More Effective"*

- Application No.: HX2006095501
- Test Date: 2020-06-04 to 2020-06-09
  - Issue Date: 2020-06-09
- Applicant: Shenzhen Qianhai Top-Technology Co., Ltd.

**This summary confirms FCC Part 15B compliance for the OH-FEEL CZ-series systems.**

*This summary is provided for clarity.  
Refer to the original FCC Part 15B Test Report for full data and methodology.*