

# TEST REPORT

Report No.: SHE22090034-02IE

Date: 2022-11-02

Page 1 of 4

**Applicant** : Shenzhen UniStrong Science & Technology Co.,Ltd.  
**Address of Applicant** : B,4-4Factory, Zhengcheng Road, FuyongBaoan District, Shenzhen, China

**Product Name** : Rugged Tablet  
**Brand Name** : UniStrong  
**Model No.** : UT30  
**Sample Acquisition Method** : Sent by Client  
**Sample No.** : E22090034-01#01

**FCC ID** : 2AOPD-UT30  
**ISED Number** : 11546A-UT30

**Standards** : FCC CFR47 Part 15, Subpart E  
RSS-Gen (Issue 5, Amd.2-Feb 2021)  
RSS-247 (Issue 2, February 2017)

**Date of Receipt** : 2022-09-30  
**Date of Test** : 2022-10-21 ~ 2022-11-01  
**Date of Issue** : 2022-11-02

## Remark:

The original test report Ref. No.BL-EC1840167-604 (dated 2018-07-09), was modified on 2022-11-02 to include the following changes:

Since only update CPU model name and LCD panel Manufacturer, The air pressure gauge component was removed, The others is consistent, So added the worst case data of the Radiated emission and Band Edge test item.

- Test plots please refer to the annex document "SHE22090034-02IE DATA WIFI5GHz-TX EXHIBIT A".

- Measurement Uncertainty, Uncertainty of Radiated Emission below 1GHz,  $U_c = \pm 5.00\text{dB}$ ,  $k=2$ .

- Measurement Uncertainty, Uncertainty of Radiated Emission above 1GHz,  $U_c = \pm 4.88\text{dB}$ ,  $k=2$ .

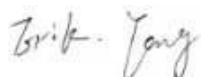
- Photographs of the Sample please refer to Appendixes 1.1.

- Equipment List please refer to Appendixes 1.2.

- Set-up for Radiated Emission please refer to Appendixes 1.3.

in addition, Update the RSS-Gen standard version.

Prepared by:



(Erik Yang)

Reviewed by:



(Jennifer Zhou)

Approved by:



(Authorized signatory: Guoyou Chi)

# TEST REPORT

Report No.: SHE22090034-02IE

Date: 2022-11-02

Page 2 of 4

## 1 Appendixes

### 1.1 Photographs of the Sample



Front of the sample



Rear of the sample

# TEST REPORT

Report No.: SHE22090034-02IE

Date: 2022-11-02

Page 3 of 4

## 1.2 Equipment List

| Name of Equipment         | Manufacturer    | Model        | Serial No. | Cal. Date  | Cal. Due   |
|---------------------------|-----------------|--------------|------------|------------|------------|
| Spectrum Analyzer         | Rohde & Schwarz | FSV40N       | 101450     | 2022-06-10 | 2023-06-09 |
| Signal Generator          | Rohde & Schwarz | SMR27        | 100184     | 2022-08-02 | 2023-08-01 |
| EMI Test Receiver         | Rohde & Schwarz | ESR 7        | 101911     | 2022-06-10 | 2023-06-09 |
| Broadband Antenna         | SCHWARZBECK     | VULB9163     | 9163-1037  | 2021-06-08 | 2023-06-07 |
| Horn Antenna-18G          | SCHWARZBECK     | BBHA9120D    | 9120D-1775 | 2021-06-08 | 2023-06-07 |
| Horn Antenna-40G          | YINGLIAN        | LB-180400-KF | N/A        | 2021-06-12 | 2024-06-11 |
| Loop Antenna              | SCHWARZBECK     | FMZB 1513    | /          | 2022-06-10 | 2023-06-09 |
| Broadband Preamplifier    | SCHWARZBECK     | BBV 9718     | 346        | 2022-06-10 | 2023-06-09 |
| EMC chamber 9*6*6 (L*W*H) | CHANGNING       | 966          | N/A        | 2022-06-10 | 2023-06-09 |
| Test Software             | BL              | BL410_E      | N/A        | N/A        | N/A        |

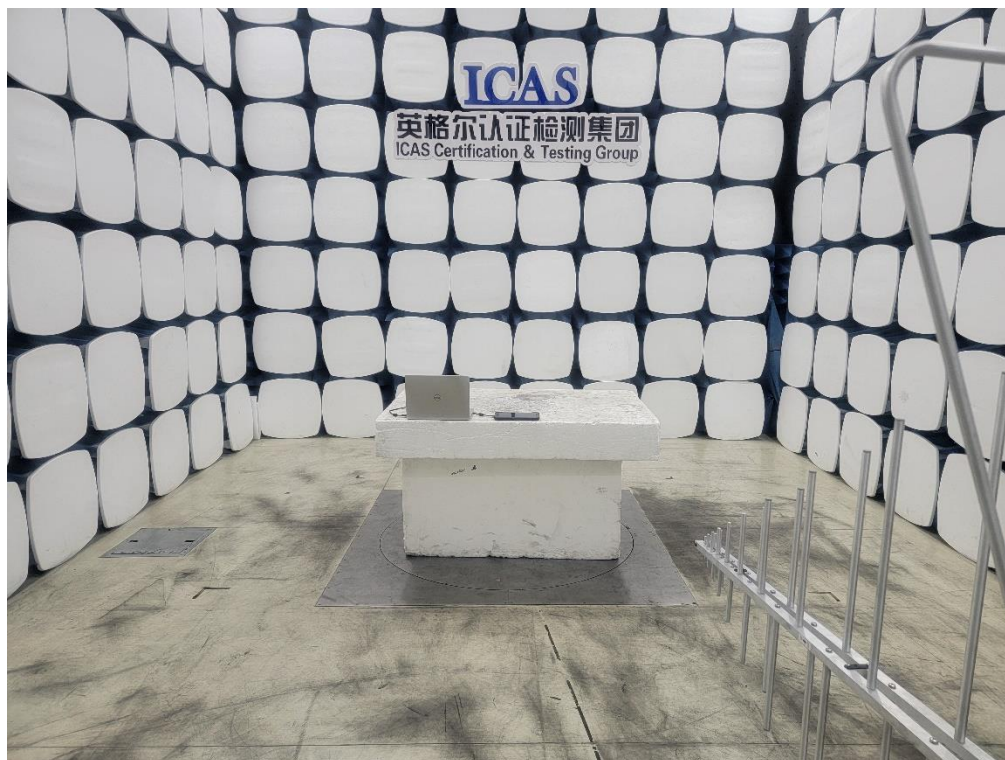
# TEST REPORT

Report No.: SHE22090034-02IE

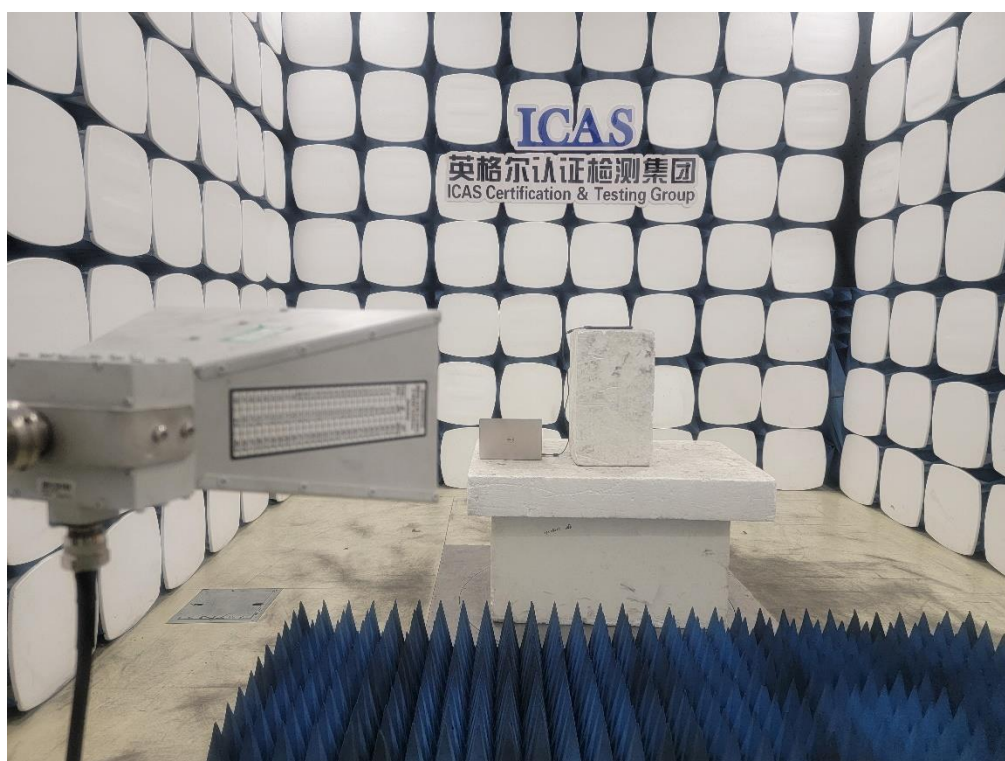
Date: 2022-11-02

Page 4 of 4

## 1.3 Set-up for Radiated Emission



below 1GHz



above 1GHz

\*\*\*End of the report\*\*\*