

TEST REPORT

Report No.: SHE22090034-02FE

Date: 2022-11-02

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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 C
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-EC1840167-602 (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 "SHE22090034-02FE DATA BLE-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.

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1 Appendixes

1.1 Photographs of the Sample



Front of the sample



Rear of the sample

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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

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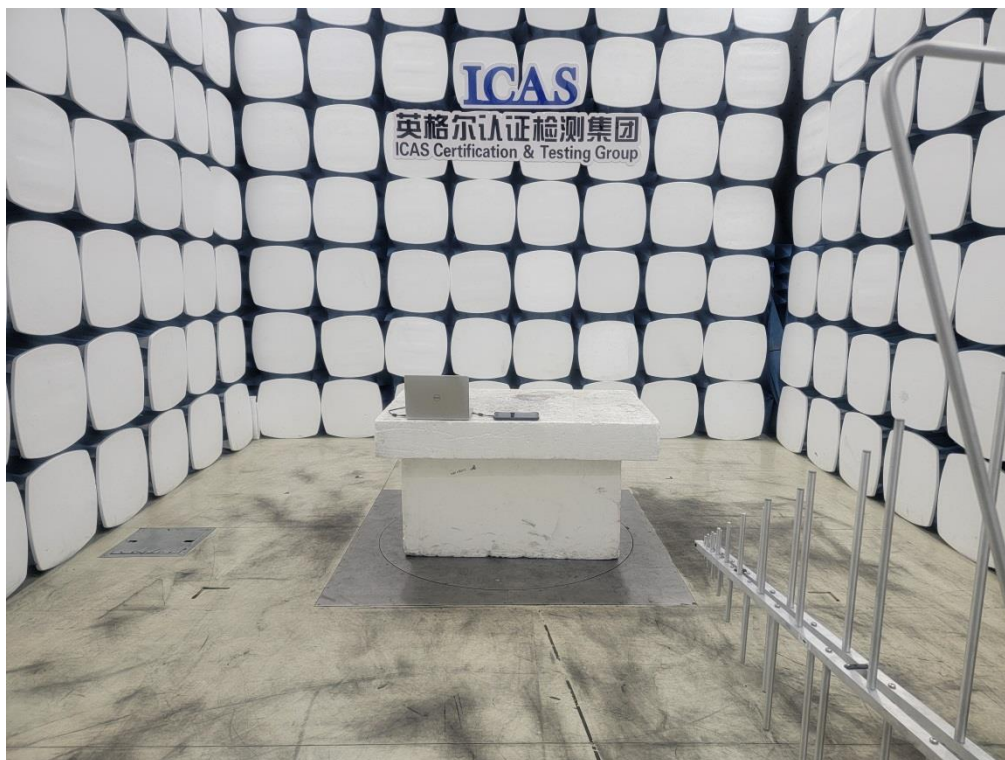
SHE22090034-02FE

Date:

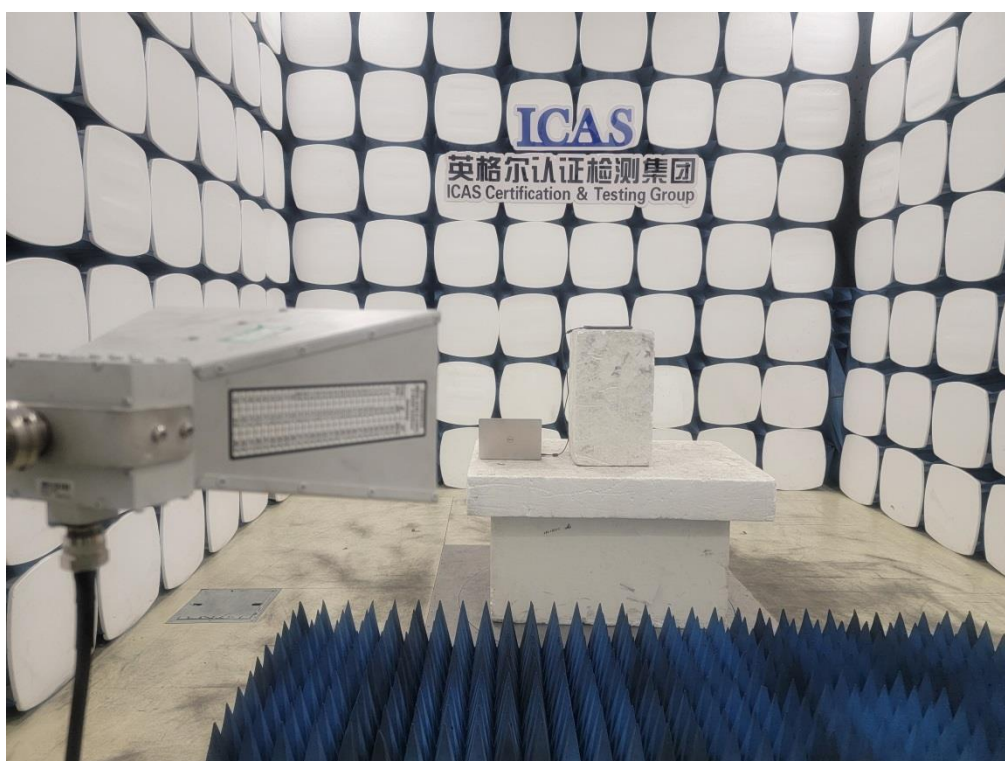
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1.3 Set-up for Radiated Emission



below 1GHz



above 1GHz

End of the report