

TEST REPORT

Report No.: SHE22110043-02DE

Date: 2023-06-13

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Applicant : Shanghai UniOne Science&Technology CO., Ltd.
Address of Applicant : Building 4, No.651 Wanfang Road, Pujiang Town,
Minhang District, Shanghai
Product Name : Rugged Windows Tablet
Brand Name : N/A
Model Name : UT55
Sample Acquisition Method : Sent by Client
Sample No. : E22110043-03#01
E22110043-02#01

FCC ID : 2A96I-UT55

Standards : FCC CFR47 Part 15, Subpart C

Date of Receipt : 2022-12-28
Date of Test : 2023-06-10
Date of Issue : 2023-06-13

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by:



(Erik Yang)

Reviewed by:



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Approved by:



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Remark:

The UT55 model has 3 different appearance samples, The main differences are different sales channels, expansion accessories and batteries, and the other is completely the same, so divided into 3 SKUs, the detailed reference is as follows

SKU1(UT55): Thin electric BA4050, no optional accessories, no expansion function

SKU2(UT55): Thick electric BA950, no optional accessories, no expansion function

SKU3(UT55): Thick electric BA950, optional parts: RJ45+USB accessory module, extended function: TPM2.0

In addition, The SKU1(UT55) was Certified original model.

The original test report Ref. No. SHE20070010-02FE (dated 2020-07-28), was modified on 2023-06-13 to include the following changes:

- *Updated Brand Name, Applicant and Applicant address.
Since the battery were replaced and Added USB+RJ45 expansion function for accessories, Meanwhile, the other parts are completely consistent with the previous samples, So added the worst case data of the Radiated emission and Band Edge test item.*
- *Test plots please refer to the annex document "SHE22110043-02DE DATA BLE-TX EXHIBIT A for SKU2(UT55)".*
- *Test plots please refer to the annex document "SHE22110043-02DE DATA BLE-TX EXHIBIT A for SKU3(UT55)".*
- *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.*

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1 Appendixes

1.1 Photographs of the Sample

SKU1(UT55)



Front of the sample



Rear of the sample

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SKU2(UT55)



Rear of the sample

SKU3(UT55)



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	2023-06-08	2024-06-07
Signal Generator	Rohde & Schwarz	SMR27	100184	2022-08-02	2023-08-01
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2023-06-08	2024-06-07
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2023-03-22	2025-03-21
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2023-06-07	2025-06-06
Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2021-06-12	2024-06-11
Loop Antenna	SCHWARZBECK	FMZB 1513	/	2022-07-02	2024-07-01
Broadband Preamplifier	SCHWARZBECK	BBV 9718	346	2023-06-08	2024-06-07
EMC chamber 9*6*6 (L*W*H)	CHANGNING	966	N/A	2023-06-09	2026-06-08
Test Software	BL	BL410_E	Version:1.0.0.117	N/A	N/A

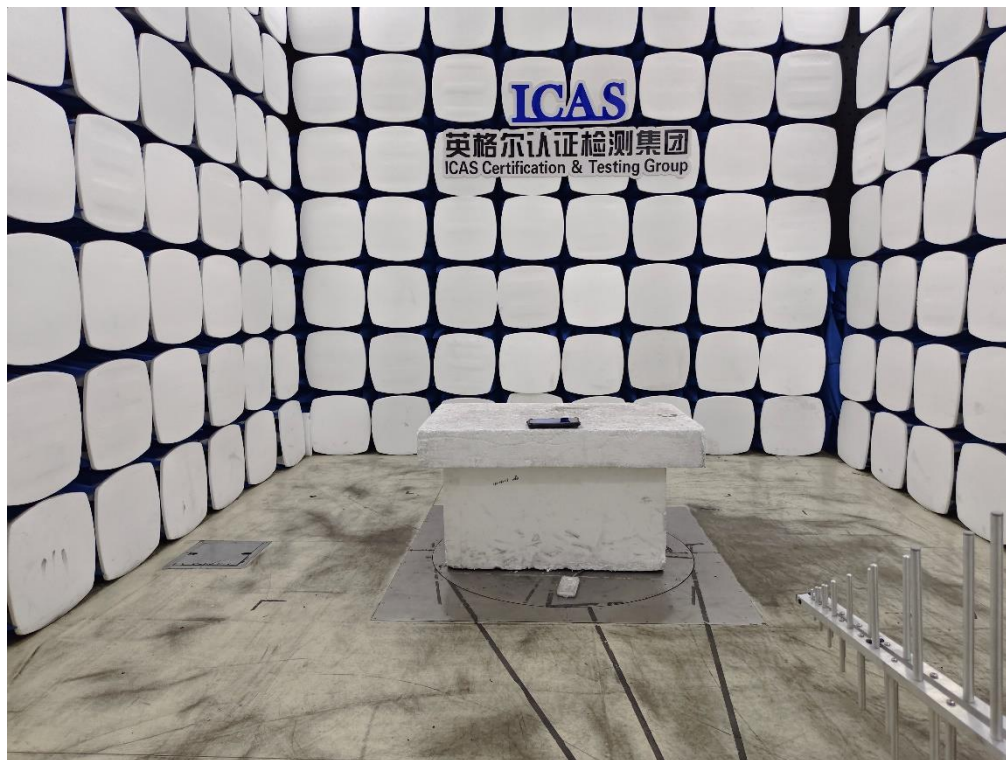
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1.3 Set-up for Radiated Emission



below 1GHz



above 1GHz

End of the report