

TEST REPORT

Report No.: SHE22090034-02GE

Date: 2022-11-18

Page 1 of 6

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
FCC ID : 2AOPD-UT30
IC ID : 11546A-UT30
Standards : FCC CFR47 Part 15, Subpart C
RSS-Gen(Issue 5, Feb. 2021)
RSS-210(Issue 10, Dec. 2019)
Date of Receipt : 2022-10-21
Date of Test : 2022-11-18
Date of Issue : 2022-11-18

Remark:

The original test report Ref. No.BL-EC1840167-402 (dated 2018-07-09), was modified on 2022-11-02 to include the following changes: Since the display and CPU of the test equipment were changed, the barometer was removed, Others is consistent, So added the worst case data of the Radiated spurious emissions test item.

- Uncertainty of spurious emissions, radiated, $U_c = \pm 6.00\text{dB}$, $k=2$
- Photographs of the Sample please refer to Appendixes 1.1.
- Equipment List please refer to Appendixes 1.2.
- Photographs of the Test Set-up please refer to Appendixes 1.3.
- Spurious Emission outside band please refer to 1.4.

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Approved by:

Guoyou Chi

(Authorized signatory: Guoyou Chi)

TEST REPORT

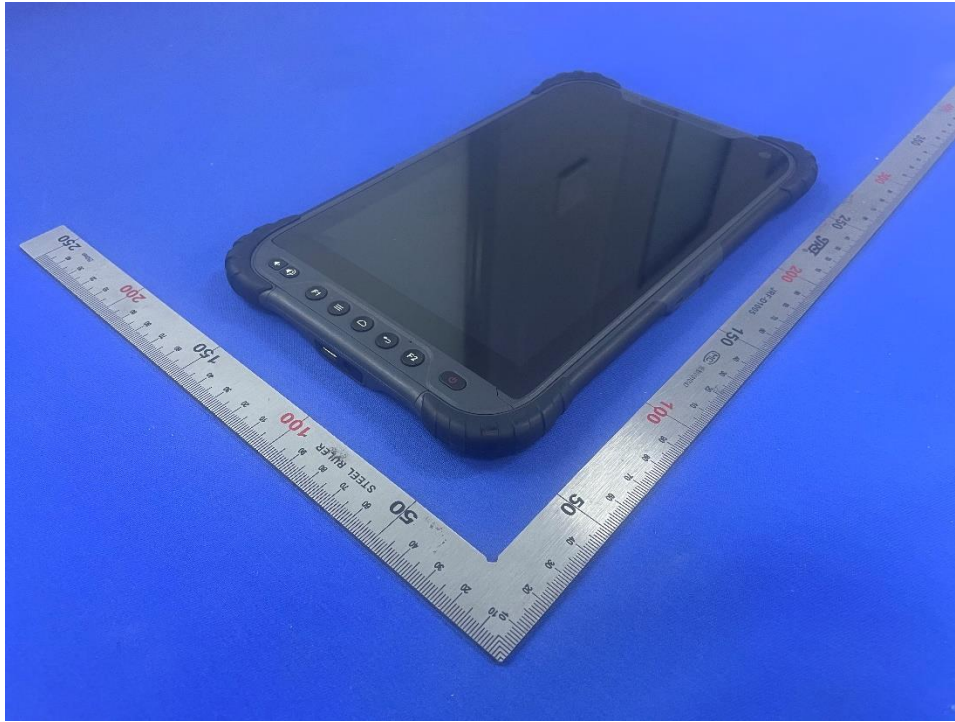
Report No.: SHE22090034-02GE

Date: 2022-11-18

Page 2 of 6

1 Appendixes

1.1 Photographs of the Sample



Front of the sample



Rear of the sample

TEST REPORT

Report No.: SHE22090034-02GE

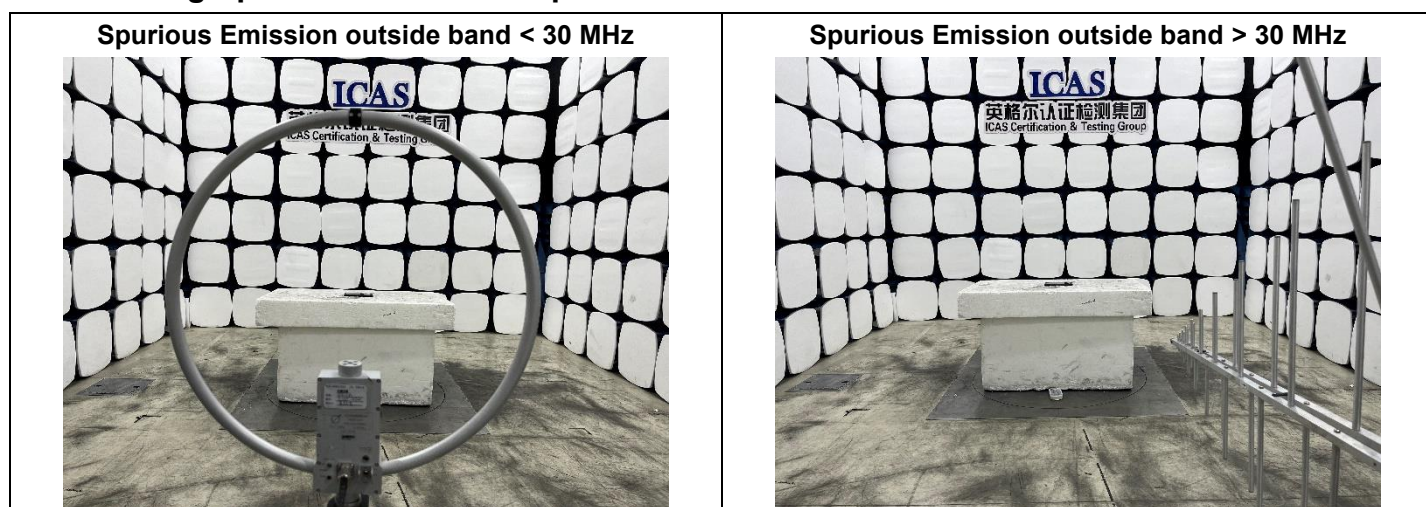
Date: 2022-11-18

Page 3 of 6

1.2 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Calibration Date	Cal. Due Date
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2022-06-10	2023-06-09
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2022-06-10	2023-06-09
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1775	2021-06-08	2023-06-07
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2021-06-08	2023-06-07
Loop Antenna	SCHWARZBECK	FMZB 1513	N/A	2022-06-10	2023-06-09
EMC chamber 9*6*6 (L*W*H)	CHANGNING	966	N/A	2022-06-10	2023-06-09
Shielded Enclosure 7*4*3 (L*W*H)	CHANGNING	743	N/A	2022-06-10	2023-06-09
Test Software	BL	BL410_E	N/A	N/A	N/A

1.3 Photographs of the Test Set-up



TEST REPORT

Report No.: SHE22090034-02GE

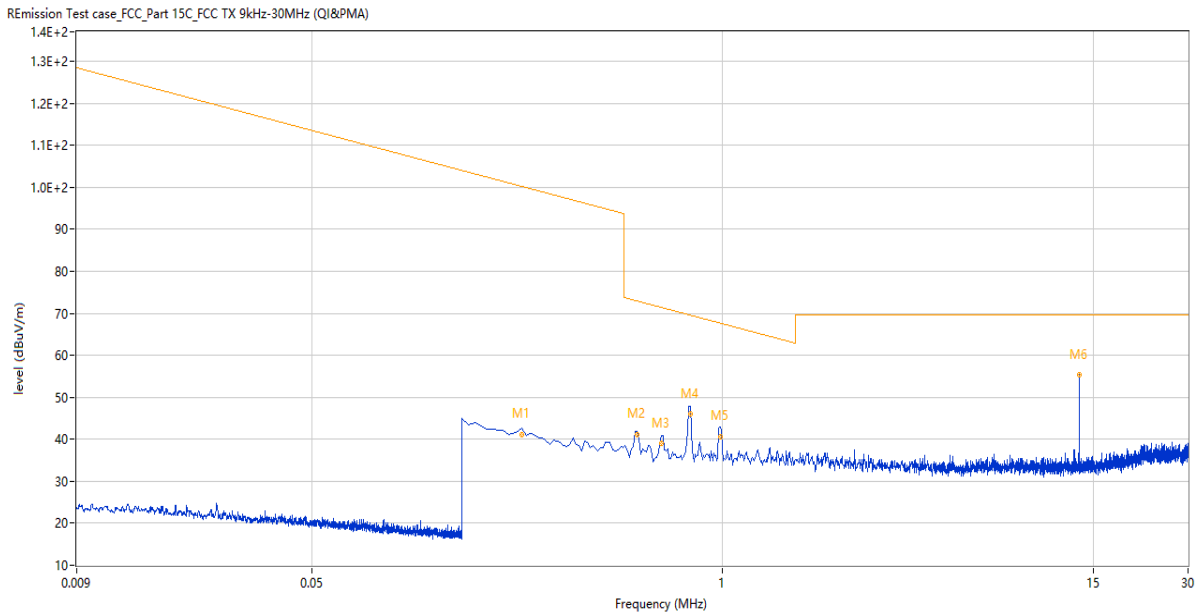
Date: 2022-11-18

Page 4 of 6

1.4 Spurious Emission outside band

Note: The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Frequency Range:	9k-30MHz	Polarization:	X
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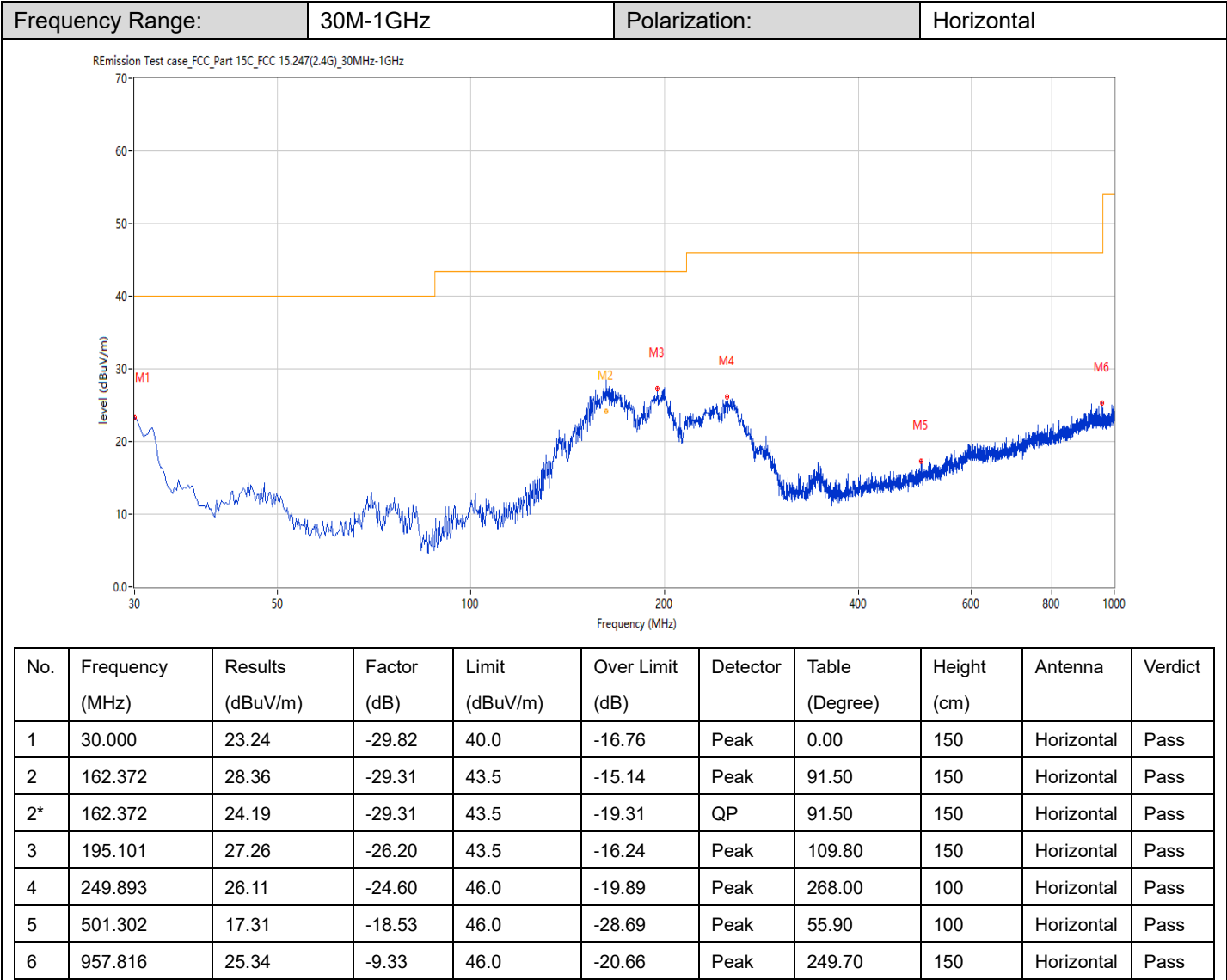
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	0.232	42.54	20.38	100.2	-57.66	Peak	55.80	100	Vertical	Pass
1*	0.232	41.03	20.38	100.2	-59.17	QP	55.80	100	Vertical	Pass
2	0.538	41.83	20.33	72.9	-31.07	Peak	3.40	100	Vertical	Pass
2*	0.538	40.98	20.33	72.9	-31.92	QP	3.40	100	Vertical	Pass
3	0.643	40.90	20.32	71.3	-30.40	Peak	102.60	100	Vertical	Pass
3*	0.643	38.97	20.32	71.3	-32.33	QP	102.60	100	Vertical	Pass
4	0.792	47.94	20.32	69.5	-21.56	Peak	246.30	100	Vertical	Pass
4*	0.792	45.98	20.32	69.5	-23.52	QP	246.30	100	Vertical	Pass
5	0.986	42.80	20.31	67.6	-24.80	Peak	334.90	100	Vertical	Pass
5*	0.986	40.67	20.31	67.6	-26.93	QP	334.90	100	Vertical	Pass
6	13.560	55.70	20.86	69.5	-13.80	Peak	173.70	100	Vertical	Pass
6*	13.560	55.40	20.86	69.5	-14.10	QP	173.70	100	Vertical	Pass

TEST REPORT

Report No.: SHE22090034-02GE

Date: 2022-11-18

Page 5 of 6

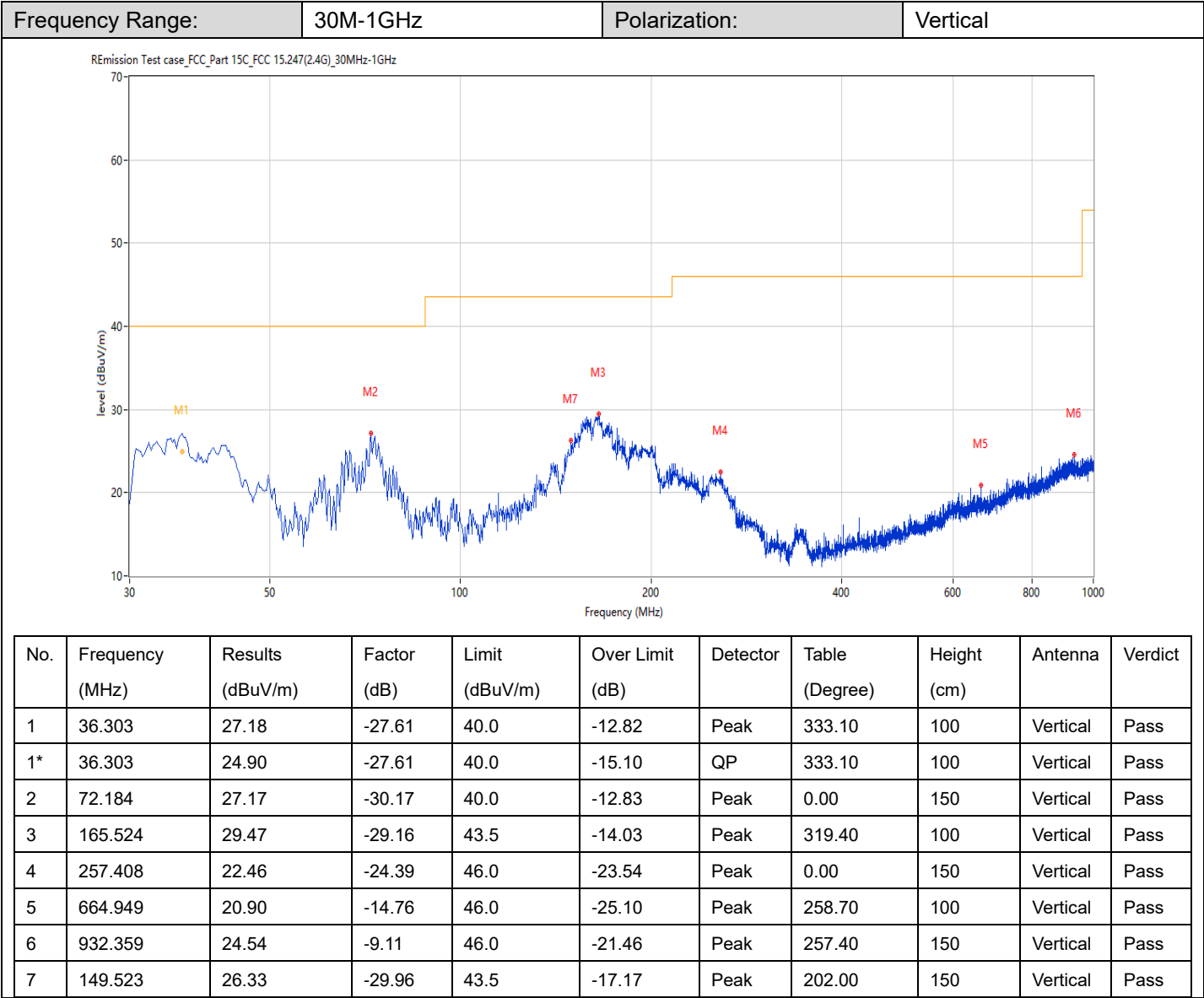


TEST REPORT

Report No.: SHE22090034-02GE

Date: 2022-11-18

Page 6 of 6



End of the report