

Report No.: TW2405014-01E

Applicant: GLORY STAR TECHNICS (SHENZHEN) CO., LTD.

Product: Commercial Kiosk Tablet

Model No.: INF321

Trademark: Glory Star

Test Standards: FCC Part 15.249

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10 & FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility

Approved By

Terry long

Terry Tang

Manager

Dated:

June 03, 2024

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com



Special Statement:

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.: 5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

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1.0 General Details

1.1 Test Lab Details

 Name:
 SHENZHEN TIMEWAY TESTING LABORATORIES.

 Address:
 Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

 Village, Nanshan District, Shenzhen, China

 Telephone:
 (755) 83448688

Fax: (755) 83442996

Site on File with the Federal Communications Commission - United Sates

Registration Number: 744189

For 3m Anechoic Chamber

1.2 Applicant Details

Applicant:	GLORY STAR TECHNICS (SHENZHEN) CO., LTD.
Address:	Bldg., 9, 4/F., ZongYuntai Technology Industrial Park, Songbai Road, Shiyan Street, Boan,
	Shenzhen, China
Telephone:	(0755)-26001808-305
Fax:	(0755)-26002933

1.3 Description of EUT

Product:	Commercial Kiosk Tablet
Manufacturer:	GLORY STAR TECHNICS (SHENZHEN) CO., LTD.
Address:	Bldg., 9, 4/F., ZongYuntai Technology Industrial Park, Songbai Road, Shiyan
	Street, Boan, Shenzhen, China
Trademark:	Glory Star
Model Number:	INF321
Additional Model Name	N/A
Rating:	Input: 100-240V~, 50/60Hz, 50W(MAX)
Modulation Type:	GFSK, π /4DQPSK, 8DPSK
Operation Frequency:	2402-2480MHz
Channel Number:	79
Channel Separation:	1MHz
Hardware Version:	V1.3
Software Version:	Android 12
Serial No.:	GS321240200002
Antenna Designation	Dipole antenna with gain 1.39dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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1.5 Test Duration 2024-05-06 to 2024-05-30

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB Conducted Power Uncertainty =6.0dB Occupied Channel Bandwidth Uncertainty =5% Conducted Emissions Uncertainty =3.6dB Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

Andy - Xing

The sample tested by

Print Name: Andy Xing

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100253	2023-07-14	2024-07-13
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2023-07-14	2024-07-13
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2023-07-14	2024-07-13
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2023-07-14	2024-07-13
Power sensor	Anritsu	MA2491A	32263	2023-07-14	2024-07-13
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2023-07-14	2024-07-13
EMI Test Receiver	RS	ESCS 30	834115/006	2023-07-14	2024-07-13
Spectrum	HP/Agilent	E4407B	MY50441392	2023-07-14	2024-07-13
Spectrum	RS	FSP	1164.4391.38	2023-07-14	2024-07-13
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2023-07-14	2024-07-13
RF Cable	Zhengdi	7m		2023-07-14	2024-07-13
Pre-Amplifier	Schwarebeck	BBV9743	#218	2023-07-14	2024-07-13
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2023-07-14	2024-07-13
LISN	SCHAFFNER	NNB42	00012	2023-07-14	2024-07-13
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13

2.1 Automation Test Software

For Conducted Emission Test

Name	Version	
EZ-EMC	Ver.EMC-CON 3A1.1	

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:				
Standard	Test Type	Result	Notes	
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies	
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies	
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies	

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249, ANSI C63.4 :2014 and ANSI C63.10 :2013

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

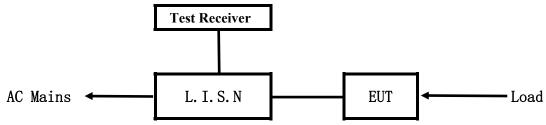
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

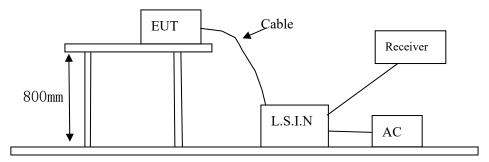


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2014. Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2014. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below. 79 channels are provided to the EUT

A.	EUT
11.	LOI

Device	Manufacturer	Model	FCC ID
	GLORY STAR TECHNICS		2AACS-INF321
Commercial Kiosk Tablet	(SHENZHEN) CO., LTD.	INF321	

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B. Internal Device

2.				
	Device	Manufacturer	Model	FCC ID/DOC
	N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

5.4 EUT Operating Condition Operating condition is according to ANSI C63.4 -2014

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition
- 5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Limits (d	lBμV)
(MHz)	Quasi-peak Level	Average Level
$0.15~\sim~0.50$	66.0~56.0*	56.0~46.0*
$0.50~\sim~5.00$	56.0	46.0
$5.00 \sim 30.00$	60.0	50.0

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

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Ρ

Ρ

Ρ

Ρ

QP

AVG

QP

AVG

-16.52

-12.76

-17.52

-12.89

Conducted Emission on Live Terminal (150kHz to 30MHz) A: **EUT Operating Environment** Atmospheric Pressure: 101 kPa Temperature: 25°C Humidity: 65%RH EUT set Condition: Communication by BT **Results:** Pass Please refer to following diagram for individual dBu¥ 80.0 70 FCC Part15 CE-Class B_QP 60 art 15 CE-Class B AV FCC P 50 peal 40 AVG 30 20 10 0 -10 -20 (MHz) 30.000 0.150 Frequency Reading Factor Level Limit Margin Detector P/F No. (MHz) (dBuV) (dB)(dBuV) (dBuV) (dB)1 0.1695 41.06 9.77 50.83 64.98 -14.15 QP Ρ -18.02 2 0.1695 27.19 9.77 36.96 54.98 AVG Ρ 3 0.6570 Ρ 33.26 9.78 43.04 56.00 -12.96 QP 4 Ρ 0.6570 24.29 9.78 34.07 46.00 -11.93AVG

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29.58

23.34

32.26

26.89

9.90

9.90

10.22

10.22

39.48

33.24

42.48

37.11

56.00

46.00

60.00

50.00

5

6

7

8

4.2558

4.2558

11.4084

11.4084

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AVG

QP

AVG

-13.90

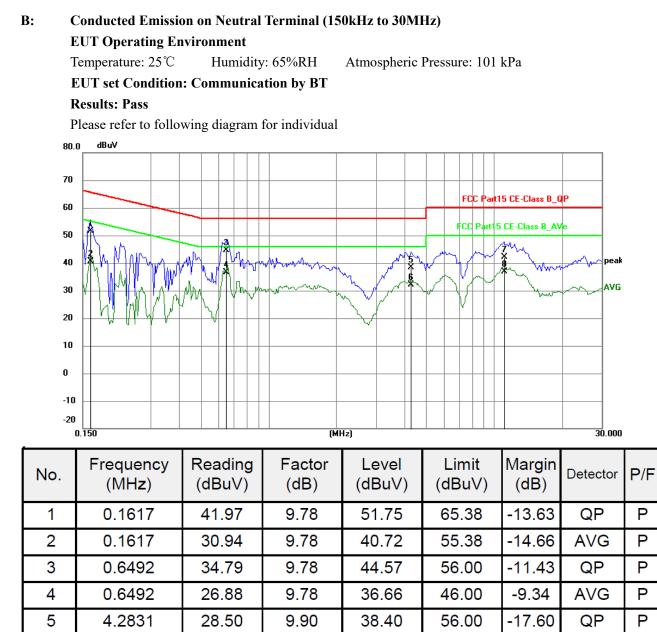
-17.90

-13.08

Ρ

Ρ

Ρ



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22.20

31.89

26.71

9.90

10.21

10.21

32.10

42.10

36.92

46.00

60.00

50.00

6

7

8

4.2831

11.0730

11.0730

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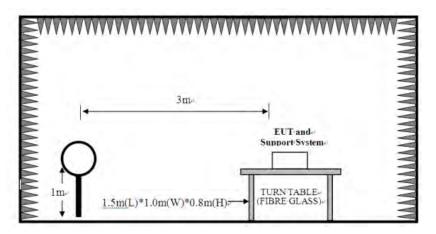


6 Radiated Emission Test

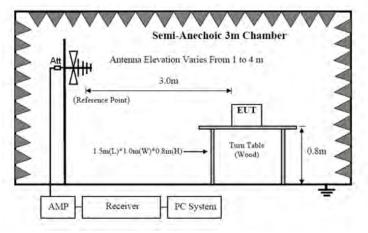
- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz

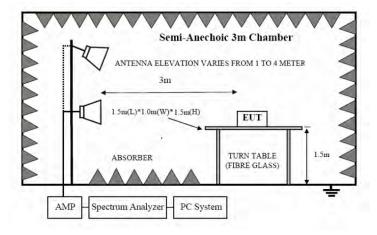


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For radiated emissions above 1GHz



- 6.2 Configuration of The EUT Same as section 5.3 of this report
- 6.3 EUT Operating Condition Same as section 5.4 of this report.
- 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	ength of Fundame	ntal (3m)	Field St	trength of Harmo	nics (3m)
(MHz)	mV/m	dBu	V/m	uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note: 1. RF Field Strength $(dBuV) = 20 \log RF$ Voltage (uV)

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

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B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

1	1	81
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-80	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note: 1. RF Voltage $(dBuV) = 20 \log RF$ Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.

5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.

6. All modulation type were tested and only the worst case was recorded in the test report. GFSK modulation was the worst case.

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6.5 Test resultA Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

Horizontal

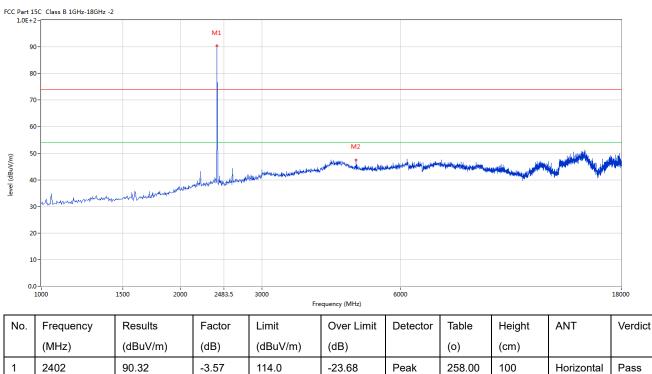
2

4802.799

47.47

3.12

74.0



-26.53

Peak

273.00

100

Horizontal

Pass

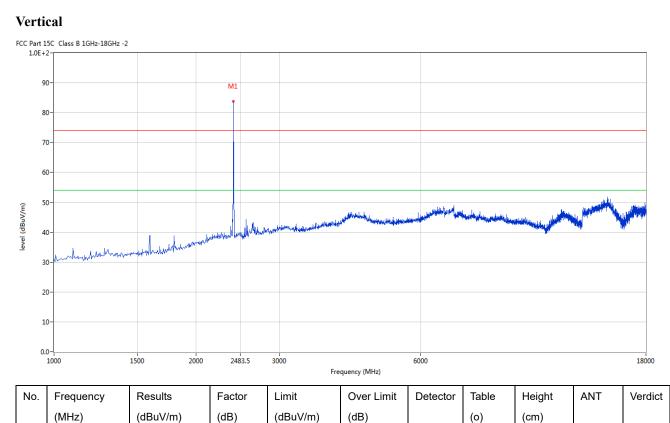
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Pass

Vertical



-30.17

137.00

100

Peak

The report refers only to the sample tested and does not apply to the bulk.

83.83

1

2402

-3.57

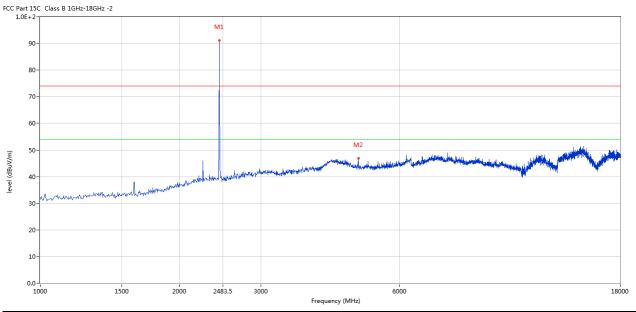
114.0

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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal

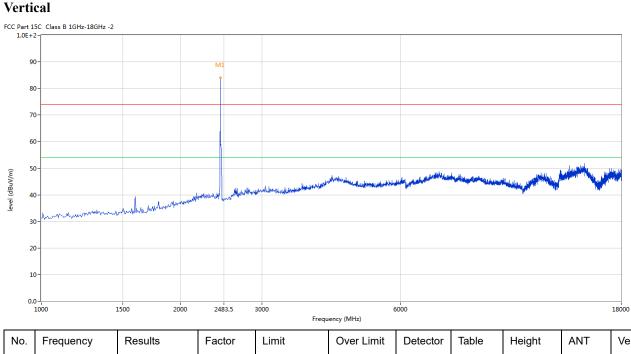


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	91.22	-3.57	114.0	-22.78	Peak	229.00	100	Horizontal	Pass
2	4879.280	46.91	3.20	74.0	-27.09	Peak	244.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	83.93	-3.57	114.0	-30.07	Peak	143.00	100	Vertical	Pass

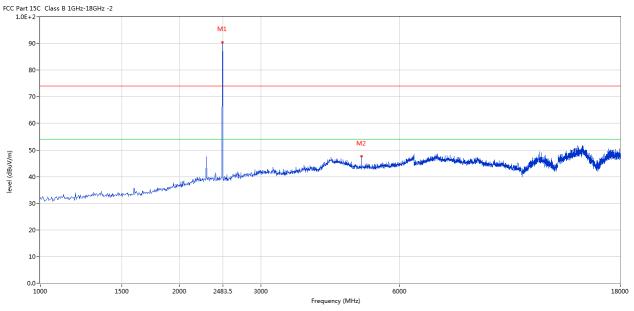
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

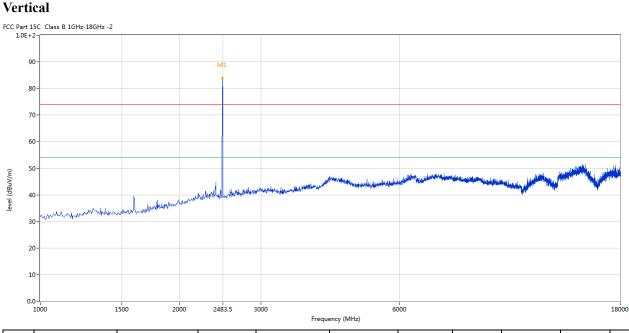


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	90.47	-3.57	114.0	-23.53	Peak	297.00	100	Horizontal	Pass
2	4960.010	47.56	3.36	74.0	-26.44	Peak	270.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	83.90	-3.57	114.0	-30.10	Peak	2.00	100	Vertical	Pass

Note: (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

(3) Margin=Emission-Limits

- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, it is only the floor noise. No necessary to take down.
- (6) The measured PK value less than the AV limit.

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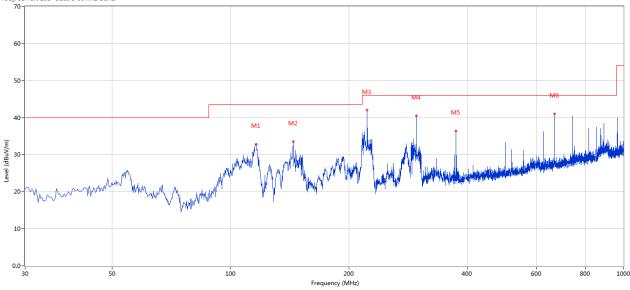
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	116.066	32.85	-14.63	43.5	10.65	Peak	19.00	100	Horizontal	Pass
2	144.431	33.52	-17.14	43.5	9.98	Peak	0.00	100	Horizontal	Pass
3	222.739	41.99	-13.19	46.0	4.01	Peak	150.00	100	Horizontal	Pass
4	296.926	40.43	-11.07	46.0	5.57	Peak	164.00	100	Horizontal	Pass
5	374.991	36.33	-9.44	46.0	9.67	Peak	164.00	100	Horizontal	Pass
6	668.100	40.99	-4.47	46.0	5.01	Peak	19.00	100	Horizontal	Pass

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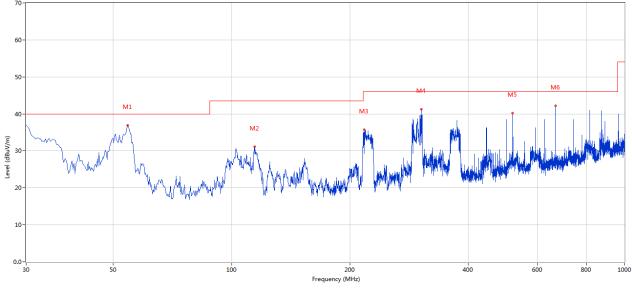
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	54.486	36.89	-11.66	40.0	3.11	Peak	306.00	100	Vertical	Pass
2	114.369	31.11	-14.32	43.5	12.39	Peak	360.00	100	Vertical	Pass
3	217.648	35.78	-13.45	46.0	10.22	Peak	332.00	100	Vertical	Pass
4	304.199	41.21	-10.99	46.0	4.79	Peak	359.00	100	Vertical	Pass
5	519.728	40.21	-6.76	46.0	5.79	Peak	340.00	100	Vertical	Pass
6	668.343	42.14	-4.46	46.0	3.86	Peak	346.00	100	Vertical	Pass

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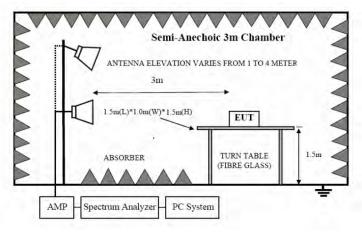


7. Band Edge

7.1 Test Method and test Procedure:

- The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7.2 Radiated Test Setup



For the actual test configuration, please refer to the related items - Photos of Testing

7.3 Configuration of the EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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7.6 Test Result

	Product: Commercial Kiosk Tablet					Polarity		Horizontal		
	Mode	Ke	eping Tran	nsmitting		Test Volta	nge		120V~	
Te	mperature		24 deg.	С,		Humidit	ty		56% RH	
Τe	est Result:		Pass							
C Part 1 1.0E+	15C Class B 1GHz-18GHz 2-r	-2								_
								M1		
9	10-							1		
8									\uparrow	
7	-0-									_
6	i0 -									_
						M	4 M5	M2	\rightarrow	_
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4	io - mentations between the state	uden dilasistation from the constant of	المالم ورهر المالي المراجع المراجع المراجع	n fildeteter og han starte af det starte	han ha	What when have the first of the second se				MIN .
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3 2 1 0.	10 - 10 -	uliu dilata fan din viti van initiation	uisnadorski Hulannovici do			1,53,79,4,00,100,100,100,100,100,100		, , , , , , , , , , , , , , , , , , , 		2410
3 2 1 0.	0- 0- 2350			Fi	equency (MHz)	()))))))))))))))))))))))))))))))))))))			1	1
3 2 1 0.	0- 0- 2350	Results	Factor	Fi Limit	equency (MHz)	Detector	Table	Height	ANT	1
3 2 1 0. NO.	0- 0- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Fi Limit (dBuV/m)	equency (MHz) Over Limit (dB)	Detector	Table (o)	(cm)	ANT	Verdi
3 2 1 0. No.	Frequency (MHz) 2401.887	Results (dBuV/m) 90.05	Factor (dB) -3.57	Fr Limit (dBuV/m) 74.0	equency (MHz) Over Limit (dB) 16.05	Detector Peak	Table (o) 297.00	(cm) 100	ANT Horizontal	Verdie N/A
3 2 1 0. No.	 Frequency (MHz) 2401.887 2400.057 	Results (dBuV/m) 90.05 66.58	Factor (dB) -3.57 -3.57	Fi Limit (dBuV/m) 74.0 74.0	equency (MHz) Over Limit (dB) 16.05 -7.42	Detector Peak Peak	Table (o) 297.00 297.00	(cm) 100 100	ANT Horizontal Horizontal	Verdio N/A Pass
3 2 1 0. No.	Frequency (MHz) 2400.057 2400.057	Results (dBuV/m) 90.05 66.58 51.50	Factor (dB) -3.57 -3.57 -3.57	Fi Limit (dBuV/m) 74.0 74.0 54.0	equency (MHz) Over Limit (dB) 16.05 -7.42 -2.50	Detector Peak Peak AV	Table (o) 297.00 297.00 297.00	(cm) 100 100 100	ANT Horizontal Horizontal Horizontal	Verdie N/A Pass Pass
3 2 1 0. No. 1 2 2**	Frequency (MHz) 2401.887 2400.057 2390.040	Results (dBuV/m) 90.05 66.58 51.50 37.12	Factor (dB) -3.57 -3.57	Fi Limit (dBuV/m) 74.0 74.0	equency (MHz) Over Limit (dB) 16.05 -7.42	Detector Peak Peak	Table (o) 297.00 297.00	(cm) 100 100	ANT Horizontal Horizontal	Verdie N/A Pass
3 2 1 0. No.	Frequency (MHz) 2400.057 2400.057	Results (dBuV/m) 90.05 66.58 51.50	Factor (dB) -3.57 -3.57 -3.57	Fi Limit (dBuV/m) 74.0 74.0 54.0	equency (MHz) Over Limit (dB) 16.05 -7.42 -2.50	Detector Peak Peak AV	Table (o) 297.00 297.00 297.00	(cm) 100 100 100	ANT Horizontal Horizontal Horizontal	Verdio N/A Pass Pass

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]	Product:	Co	ommercial	Kiosk Tablet		Detector		Vertical		
	Mode]	Keeping Tr	ransmitting		Test Vol	tage		120V~	
Te	mperature		24 de	eg. C,		Humid	ity		56% RH	
Te	est Result:		Pa	iss						
C Part 1 1.0E+	15C Class B 1GHz-18GHz -2-r	-2					÷			
9	90-							ſ	M1	
8	30 -							ſ	1	
7	70-									
6	50 -									
5	50-					M	4 M	15 M6	-	
						M3	, L.U.	M2	h	
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3 2 1 0.	00- 00- 2350 Frequency	Results	Factor	r Limit	requency (MHz)	Detector	Table	Height	ANT	2410
3 2 1 0. NO.	00- 00- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	requency (MHz) Over Limit (dB)		(o)	(cm)	ANT	2410 Verdic
3 2 1 0. No.	00- 00- 2350 Frequency (MHz) 2402.202	Results (dBuV/m) 83.82	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Trequency (MHz) Over Limit (dB) 9.82	Peak	(o) 142.00	(cm) 100	ANT	2410 Verdic
2 1 0. No. 1 2	Image: Non- Image: Non- <t< td=""><td>Results (dBuV/m) 83.82 56.85</td><td>Factor (dB) -3.57 -3.57</td><td>Limit (dBuV/m) 74.0 74.0</td><td>Over Limit (dB) 9.82 -17.15</td><td>Peak Peak</td><td>(o) 142.00 311.00</td><td>(cm) 100 100</td><td>ANT Vertical Vertical</td><td>2410 Verdic N/A Pass</td></t<>	Results (dBuV/m) 83.82 56.85	Factor (dB) -3.57 -3.57	Limit (dBuV/m) 74.0 74.0	Over Limit (dB) 9.82 -17.15	Peak Peak	(o) 142.00 311.00	(cm) 100 100	ANT Vertical Vertical	2410 Verdic N/A Pass
3 2 1 0. No.	10- 10- 10- 10- 2350 Frequency (MHz) 2402.202 2400.042 2400.042	Results (dBuV/m) 83.82 56.85 41.81	Factor (dB) -3.57	Limit (dBuV/m) 74.0 74.0 54.0	Frequency (MHz) Over Limit (dB) 9.82 -17.15 -12.19	Peak	(o) 142.00 311.00 311.00	(cm) 100	ANT	2410 Verdic
3 2 1 0. No. 1 2 2**	Image: Non- Image: Non- <t< td=""><td>Results (dBuV/m) 83.82 56.85</td><td>Factor (dB) -3.57 -3.57</td><td>Limit (dBuV/m) 74.0 74.0</td><td>Over Limit (dB) 9.82 -17.15</td><td>Peak Peak</td><td>(o) 142.00 311.00</td><td>(cm) 100 100</td><td>ANT Vertical Vertical</td><td>2410 Verdic N/A Pass</td></t<>	Results (dBuV/m) 83.82 56.85	Factor (dB) -3.57 -3.57	Limit (dBuV/m) 74.0 74.0	Over Limit (dB) 9.82 -17.15	Peak Peak	(o) 142.00 311.00	(cm) 100 100	ANT Vertical Vertical	2410 Verdic N/A Pass
3 2 1 0. No. 1 2 2** 3	10- 10- 10- 10- 2350 Frequency (MHz) 2402.202 2400.042 2400.042	Results (dBuV/m) 83.82 56.85 41.81	Factor (dB) -3.57 -3.57 -3.57	Limit (dBuV/m) 74.0 74.0 54.0	Frequency (MHz) Over Limit (dB) 9.82 -17.15 -12.19	Peak Peak AV	(o) 142.00 311.00 311.00	(cm) 100 100 100	ANT Vertical Vertical	2410 Verdic N/A Pass Pass
3 2 1 0. No.	100- 100- <t< td=""><td>Results (dBuV/m) 83.82 56.85 41.81 41.82</td><td>Factor (dB) -3.57 -3.57 -3.57 -3.57 -3.53</td><td>Limit (dBuV/m) 74.0 74.0 54.0 74.0</td><td>Trequency (MHz) Over Limit (dB) 9.82 -17.15 -12.19 -32.18</td><td>Peak Peak AV Peak</td><td>(o) 142.00 311.00 311.00 95.00</td><td>(cm) 100 100 100 100</td><td>ANT Vertical Vertical Vertical Vertical</td><td>2410 Verdic N/A Pass Pass Pass</td></t<>	Results (dBuV/m) 83.82 56.85 41.81 41.82	Factor (dB) -3.57 -3.57 -3.57 -3.57 -3.53	Limit (dBuV/m) 74.0 74.0 54.0 74.0	Trequency (MHz) Over Limit (dB) 9.82 -17.15 -12.19 -32.18	Peak Peak AV Peak	(o) 142.00 311.00 311.00 95.00	(cm) 100 100 100 100	ANT Vertical Vertical Vertical Vertical	2410 Verdic N/A Pass Pass Pass

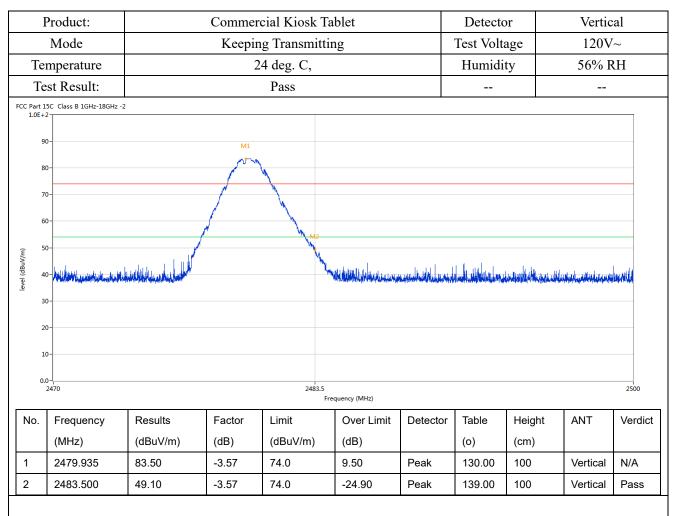
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-	Product:		Commer	cial Kiosk Ta	ablet		Polari	ty	Horizo	ntal
	Mode		Keepin	g Transmitti	ng		Test Vol	tage	120V	~
Te	emperature		2	4 deg. C,			Humid	ity	56% F	RH
Te	est Result:			Pass						
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
			M1							
g	90-		and the second se	Y						
8	80-									
7	70-									
6	50 -									
			r	X						
	50-			N	N					
(m//m)	50-	Istilation and all all and a		M2	Manager Digiting	Ուս։.				
level (dBuV/m)	50 - 40			M2	an and a state of the state of		ngalah, hatingkangka dalamang		under som det av de som av stander av det so	and an approve
level (dbuV/m	50 - 40 - Maria Julia (1996) 30 -			M2	Manager and the state	H. H	and a la set of a la set	an an an a large the start of the	usteronistika ita kulune junta akitu	ille av all a sin
level (dBuV/m 5	10- <mark>w</mark>			M2	and the second s		ىرى ئەلىر يەتلەر يەتلەردۇ. ئەلەردە يەر يەلەر يەلەر يەتلەردۇ. ئەلەردە	and a paralless state of the	under and the set beginning of the set	erkoven
evel (dBuV/m 2	10	hall had a second ball had been a second b		M2	A A A A A A A A A A A A A A A A A A A		ng ta bijita da ng	an a	and a start and	andaraharn
evel (dBuV/m 2 1	40			M2			ngala bygythagid stagage	an it out the star of the star of the	entrontlan Marine Judici na	and a man
evel (dBuV/m 2 1	40	hallali ili ili ili ili ili ili ili ili i		2483.			agalat by ight and a sign of a	and an	unternation de la construction de l	2500
evel (dBuV/m 2 1	40	Results	Factor		5	Detector	Table	Height	ANT	2500
evel (d8m/) 3 2 1	40		Factor (dB)	2483.	5 Frequency (MHz)					2500
evel (d8m/) 3 2 1	10	Results		2483. Limit	5 Frequency (MHz) Over		Table	Height		2500
4 3 2 1 0 NO.	40	Results (dBuV/m)	(dB)	2483. Limit (dBuV/m)	5 Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic

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Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

2. All modulation type were tested and only the worst case was recorded in the test report. GFSK modulation was the worst case.

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8.0 Antenna Requirement

Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has a dipole antenna. The antenna gain is 1.39Max. It fulfills the requirement of this section. Test Result: Pass

The report refers only to the sample tested and does not apply to the bulk.

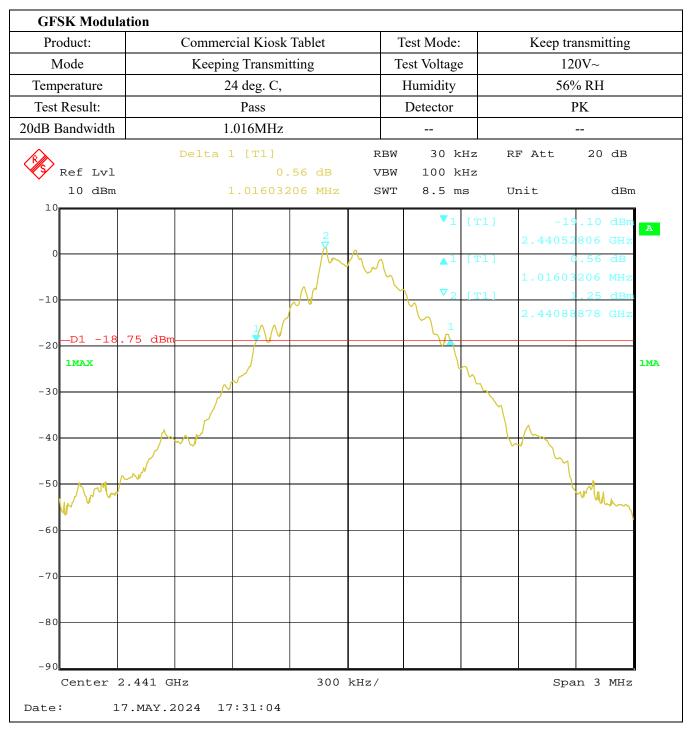
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GFSK Modulation										
Product:		Comm	ercial Kio	sk Tablet		Test Mo	de:	Keep tr	ansmitting	
Mode		Keep	oing Transi	mitting		Test Vol	tage	12	20V~	
Temperature			24 deg. C	·,		Humid	ity	56	% RH	
Test Result:			Pass			Detect	or	РК		
20dB Bandwidth			1.010MH	Z						
$\widehat{\mathbf{A}}$	De	elta 1	[T1]		RBW	30 }	KHz	RF Att	20 dB	
Ref Lvl				35 dB	VBW	100 }				
10 dBm		1	.010020	04 MHz	SWT	8.5 r	ns	Unit	dBn	n
						▼1	[T1]	-13	.60 dBm	A
				2	0			2.40154	008 GHz	
0						▲ 1	[T1]	-	0.35 dB	
				٨	۰ <i>۲</i>	∇_2	[11]	1.01002	2004 MHz 1.29 dBm	
-10			~	~ [/] V		\mathcal{M}		2.40188	878 GHz	
D1 -18.7	1 dBm									
-20										1M
-30	<u>.</u>									
-40		\checkmark								
-50									he why	
-60										
-70										
-80										
-90 Center 2.4	102 GHz			300	kHz/			Spa	an 3 MHz	

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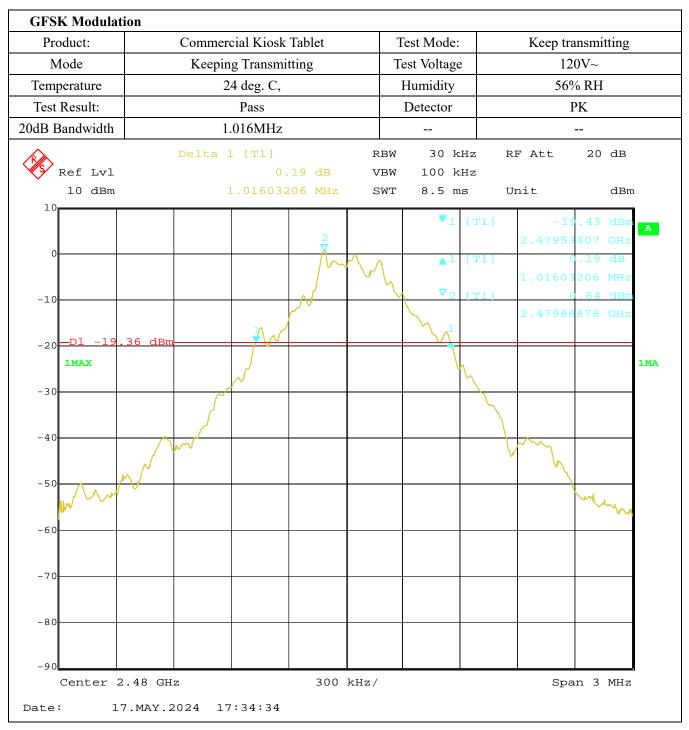




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π /4DQPSK Mo	odulation								
Product:	Product: Commercial Kiosk Tablet			Test Mo	de:	1 0			
Mode Keeping Transmitting				Test Volt	age				
Temperature 24 deg. C,			Humidi	ty					
Test Result:		Pass 1.238MHz			Detecto	or	РК 		
20dB Bandwidth									
R	Marker	1 [T1 n	dB]	RBW	30 k	Hz I	RF Att	20 dB	
Ref Lvl	ndB	20.	00 dB	VBW	100 k				
10 dBm	BW 1	.238476	95 MHz	SWT	8.5 m	ເຮ ໂ	Jnit	dBn	n
10					V 1	[T1]		1.30 dBm	A
			1				2.4018	8878 GHz	
0				\wedge	ndI	8	2	0.00 dB	
		000	\sim $>$ \sim	\sim	M BW	[T1]	1.2384	7695 MHz 8.81 dBm	
-10				· · · ·	<u> </u>		2.4014		
	Ţ				∇_{T}		-1		n
-20						<u> </u>	2.4026	4629 GHz	
1MAX									1MA
-30	0.0					Γ.			
							M A		
-40							-1/~~	2mm	
•								, ű (
-50									-
-60									-
-70									-
- 80									
-90									
Center 2.4	102 GHz		300	kHz/			Sp	an 3 MHz	_
Date: 17.1	MAY.2024 17	• 41 • 07							

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Product:	Modulation Commercial Kiosk Tablet Keeping Transmitting			Test Mode:	Keep transmitting 120V~		
Mode				est Voltage			
Temperature24 deg. C,Test Result:Pass20dB Bandwidth1.238MHz		Humidity		56% RH			
		Pass		Detector	PK		
		238MHz					
K	Marker	1 [T1 ndB]	RBW	30 kHz	RF Att	20 dB	
Ref Lvl 10 dBm	ndB BW 1	20.00 dB .23847695 MHz	VBW SWT	100 kHz 8.5 ms	Unit	dBm	
			0	V 1 [7	2.440	1.30 dBm 88878 GHz	
-10		mah	I'''		1.238 T1] –	20.00 dB 47695 MHz 18.52 dBm	
-20	Ţ			▼ _T p V	2.440 T1] -	18.51 dBm	
1MAX					2.441	64629 GHz 1MA	
-40					WM	1 mon	
-50							
-60							
-70							
-80							
-90							
Center 2.	441 GHz	300 }	Hz/		S	pan 3 MHz	

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Product:	Commercial Kios	k Tablet	Test Mode:	Keep transmitting			
Mode	Keeping Transn		Test Voltage		120V~		
Temperature24 deg. C,Test Result:Pass			Humidity		56% RH PK		
			Detector				
20dB Bandwidth	1.232MHz						
	Marker 1 [T1	ndB]	RBW 30 ki	Hz RF Att	20 dB		
Ref Lvl	ndB 20	0.00 dB	VBW 100 k	Hz			
10 dBm	BW 1.23246	6493 MHz	SWT 8.5 m	s Unit	dBm		
10			▼1	[T1]	0.63 dBm		
		1		2.4798			
0		$\wedge \wedge$	ndB	20	0.00 dB		
				[TT] -1	5493 MHz 9.30 dBm		
-10				2.4794			
			∇_{T2}	TRT1] -1	9.55 dBm		
-20 1MAX				2.4806	230 GHz 1MA		
- 3 0				<u> </u>			
-40				· My	~~~		
-+0				×	\sim		
- 5 0							
-60					ļ		
70							
-70							
-80							
-90							
Center 2.4	8 GHz	300 kHz	/	Spa	an 3 MHz		

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8DPSK Modula	ation					
Product:	Commercial Kiosk Tablet			Test Mode	: Keep tr	ansmitting
ModeKeeping TransmittingTemperature24 deg. C,			Test Voltag	e 12	20V~	
			Humidity	56	% RH	
Test Result:		Pass		Detector		РК
20dB Bandwidth	-	1.244MHz				
R A	Marker 1	[T1 ndB]	RBW	30 kHz	z RF Att	20 dB
Ref Lvl	ndB	20.00 dB	VBW	100 kHz	Z	
10 dBm	BW 1.	24448898 MHz	SWT	8.5 ms	Unit	dBm
10				▼1 [T1]	1.36 dBm
					2.4018	
0			\wedge	ndB	2	0.00 dB
				M BW	1.2444	
-10						<u>8.40 dBm</u> 0782 GHz
	TT.			▼ _{T2} Ę	0	8.78 dBm
-20					2.4026	
-30						1MA
- 30					M	
-40						Vmm
• • • •	V					\sim (
-50						
-60						
-70						
- 80						
-90						
Center 2.4	402 GHz	300	kHz/	· · · · · ·	Spa	an 3 MHz
Date: 17.	MAY.2024 17:	42:39				

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Product:	Commercial Kiosk Tablet				Test Mode:		Keep transmitting 120V~ 56% RH		
Mode Keeping Transmitting			,	Test Voltage					
Temperature24 deg. C,Test Result:Pass				Humidity					
					Detector]	PK	
0dB Bandwidth	1	.244MHz							
<u></u>	Marker	1 [T1 n	dB]	RBW	30 ki	Hz RI	F Att	20 dB	
Ref Lvl 10 dBm	ndB BW	20. 1.244488	00 dB 98 MHz	VBW SWI			nit	dBn	ı
			1	٨	▼1	[T1]	1 2.44088		A
-10			h	~~~~		[T1]	20 1.24448 -18	.00 dB 898 MHz .45 dBm	
-20					▼ _{T2}	F271]	2.44040		
1MAX							2.44165	230 GHz	1MA
-40	M					• كر	m	hm	
-50	,								
-60									
-70									
-80									
-90 Center 2	.441 GHz		300 3	kHz/			Spa	an 3 MHz	ļ

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8DPSK Modulation Product: Commercial Kiosk Tablet			ablet	Test Mode:			Keep transmitting		
Mode Keeping Transmitting				Test Voltage		120V~			
Temperature	4 deg. C,			Humidity Detector		56% RH PK			
Test Result:		Pass							
20dB Bandwidth	1	1.232MHz							
<u> </u>		1 [T1 nd	Bl	RBW	30 kH:		'Att	20 dB	
Ref Lvl	ndB		0 dB	VBW	100 kH:		1100	20 02	
↓ 10 dBm	BW	1.2324649	3 MHz	SWT	8.5 ms	Ur	it	dBm	L
10					▼1 [m 11			
			1		. Т [T1]	2.47988	.62 dBm 878 GHz	A
0			Λ		ndB		20	.00 dB	
				my j		[[]]]	1.23246	493 MHz .31 dBm	
-10							2.47941	.984 GHz	
		- J~			▼ _{T2} Ţ	&T1]	-19	.67 dBm	
-20		<u></u>			V		2.48065	230 GHz	
1MAX									1MA
-30						<u> </u>			
							$\sim \sim \sim$	•	
-40								m hang	
~~~								V	
-50									
-60									
-70									
-80									
-90									
Center 2.	.48 GHz		300 k	Hz/			Spa	ın 3 MHz	

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# 10.0 FCC ID Label

## FCC ID: 2AACS-INF321

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

### Mark Location:



The report refers only to the sample tested and does not apply to the bulk.

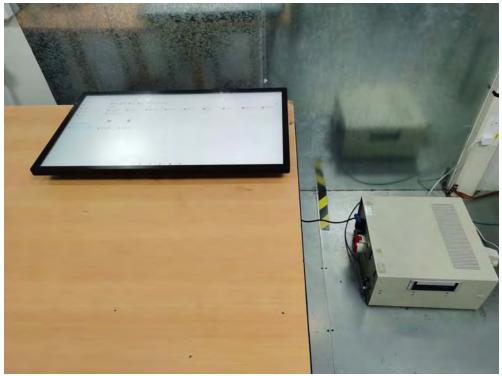
This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

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#### 11.0 Photo of testing

11.1 Conducted test View--

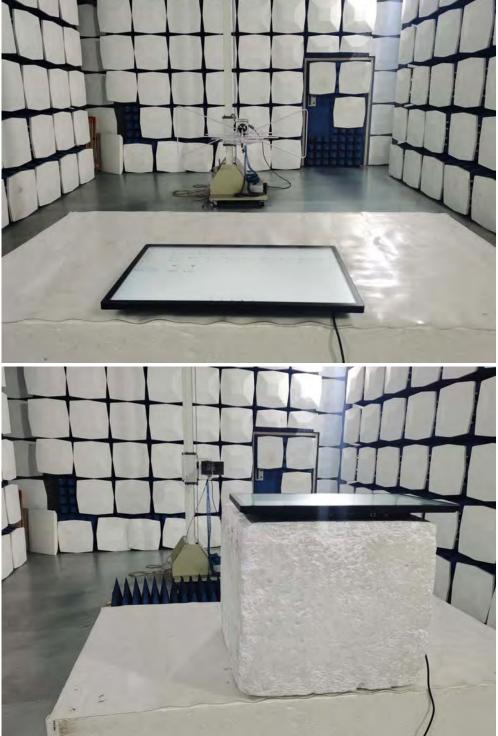


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Page 40 of 67





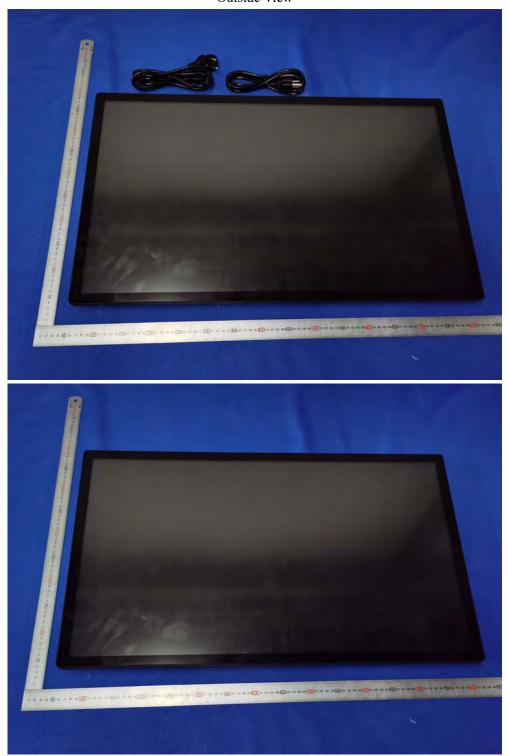
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#### 11.2 Photographs - EUT

Outside View



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Outside View



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Outside View



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Outside View



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Outside View



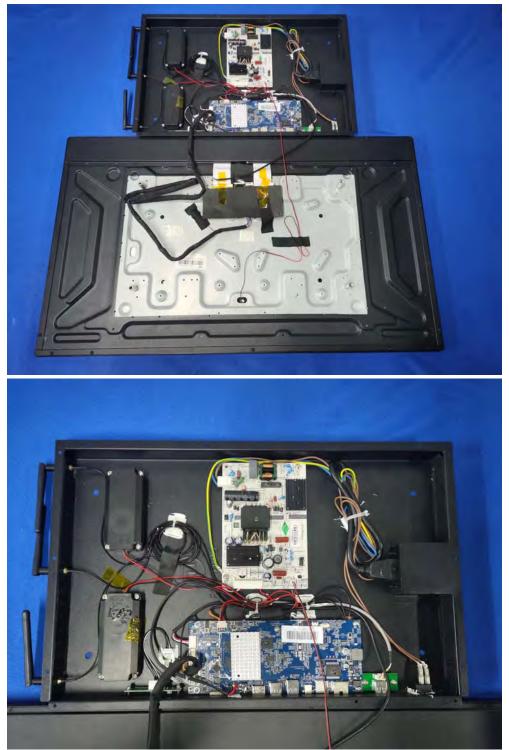
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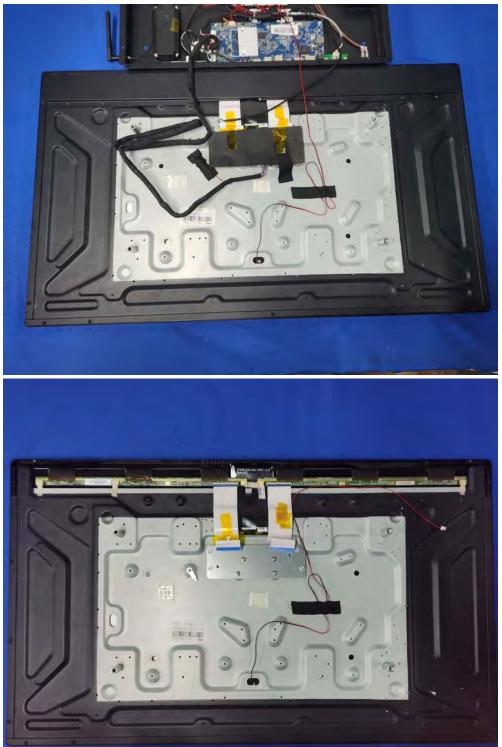
Inside view



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Inside view



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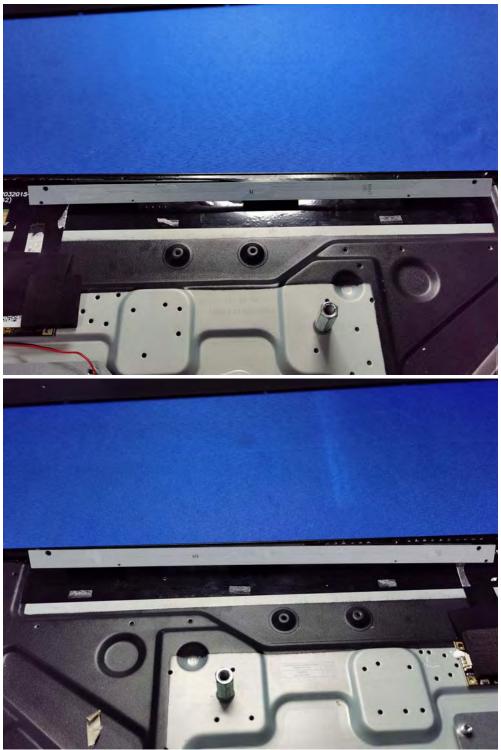
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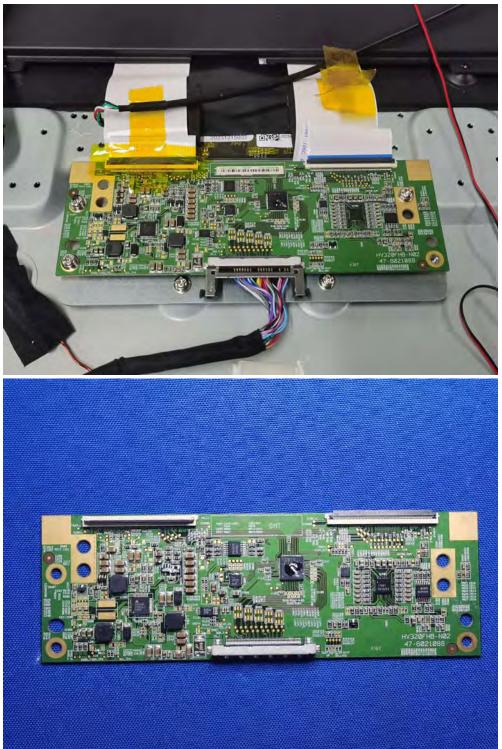
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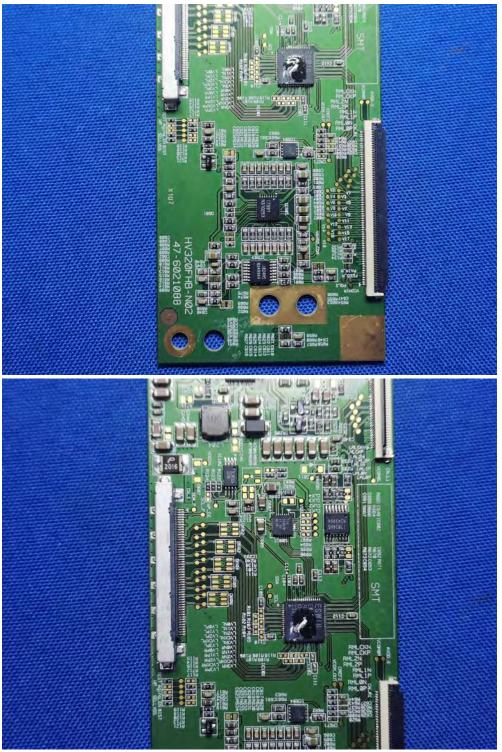
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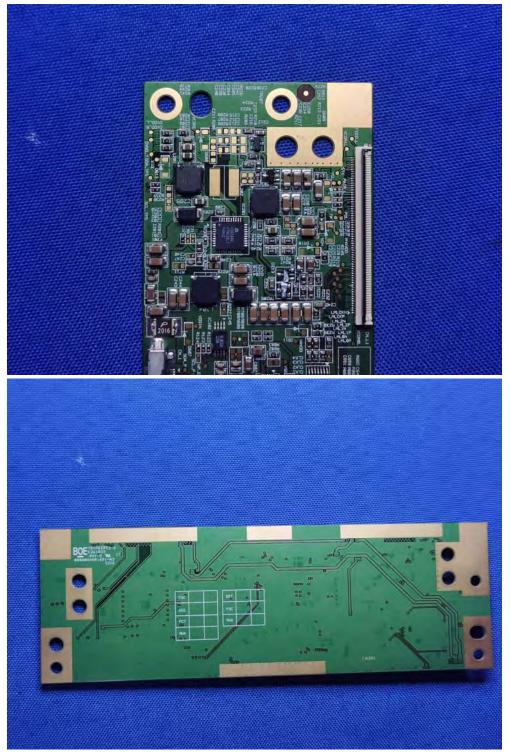
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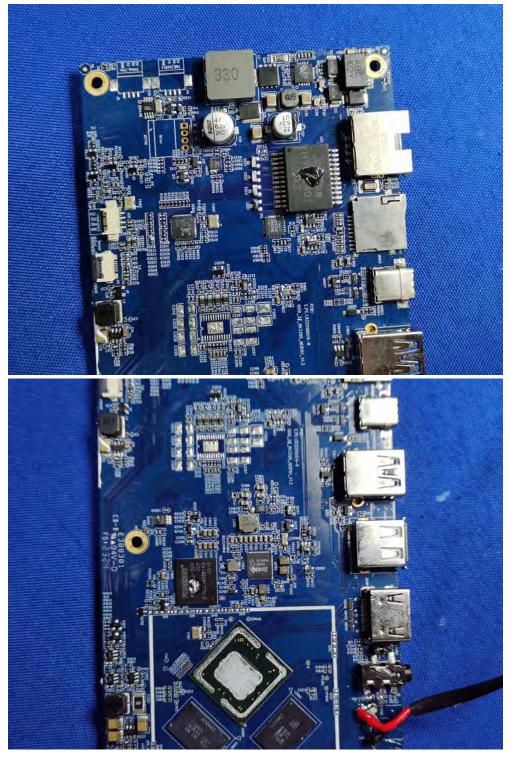
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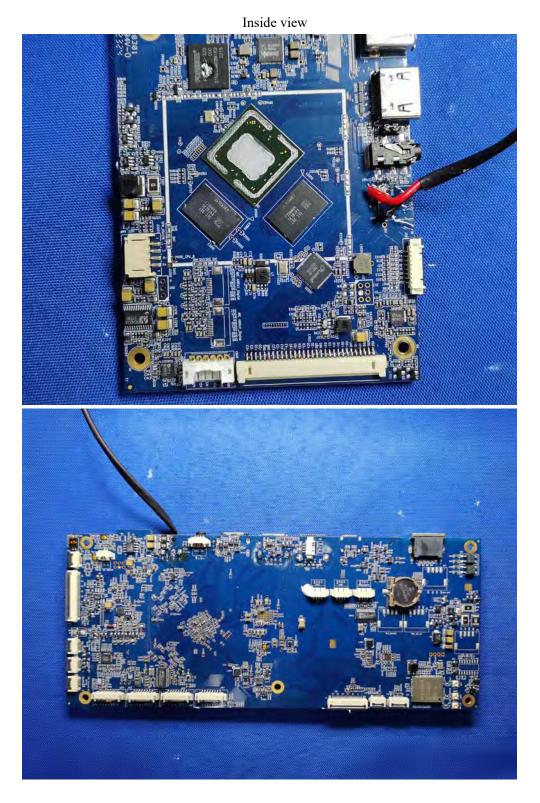


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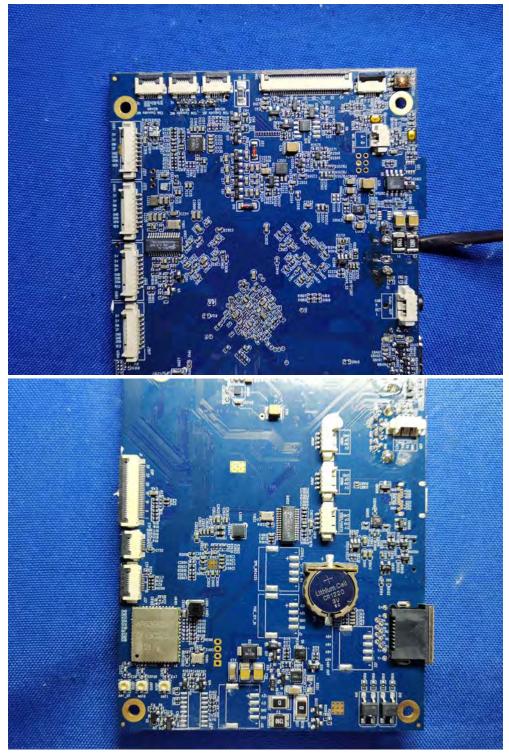




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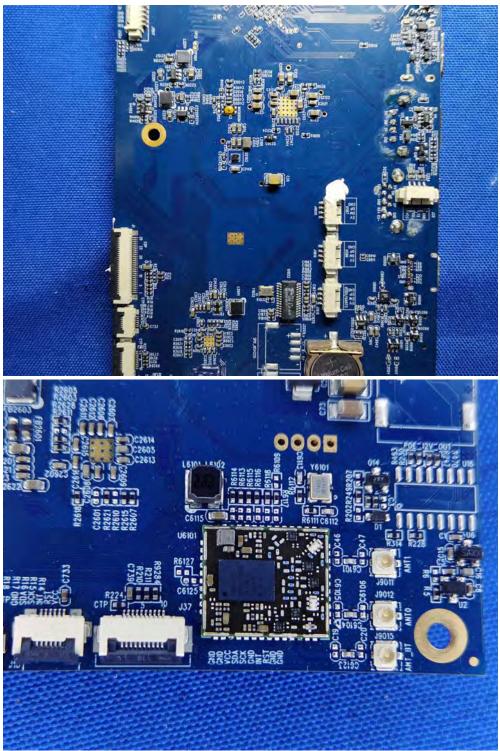
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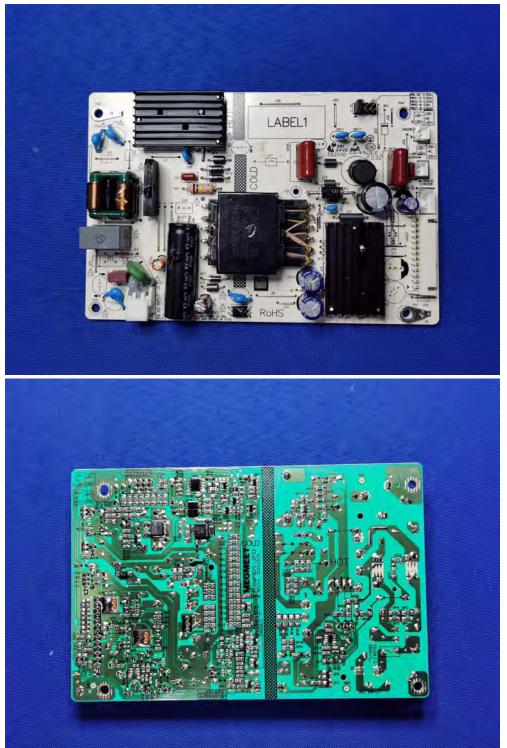
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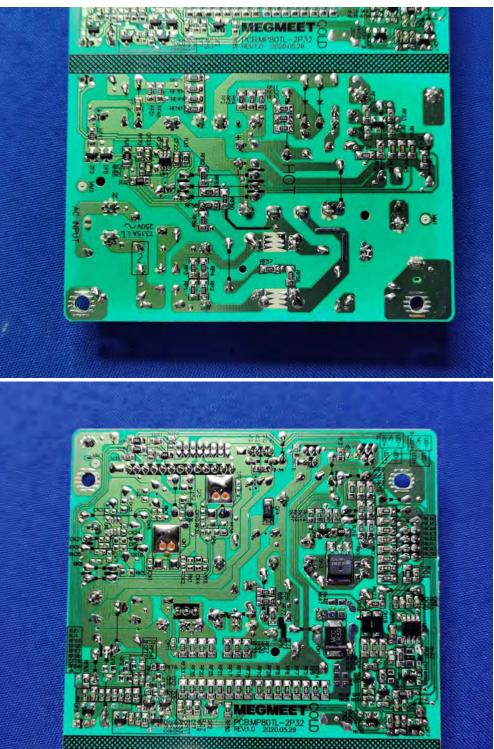
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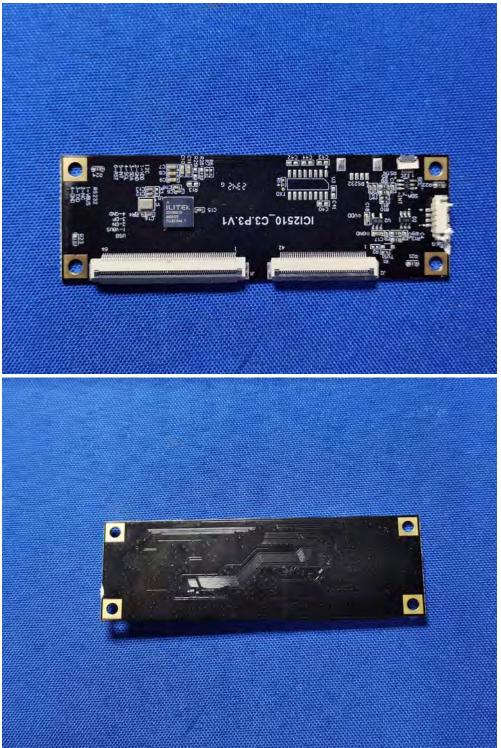
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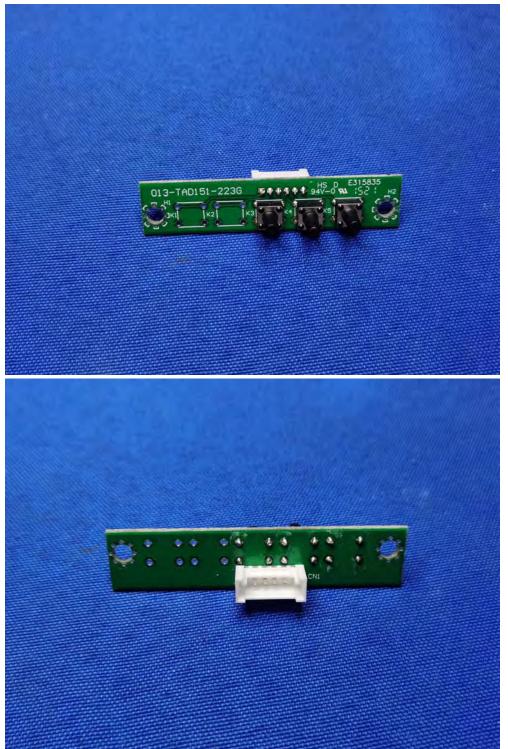
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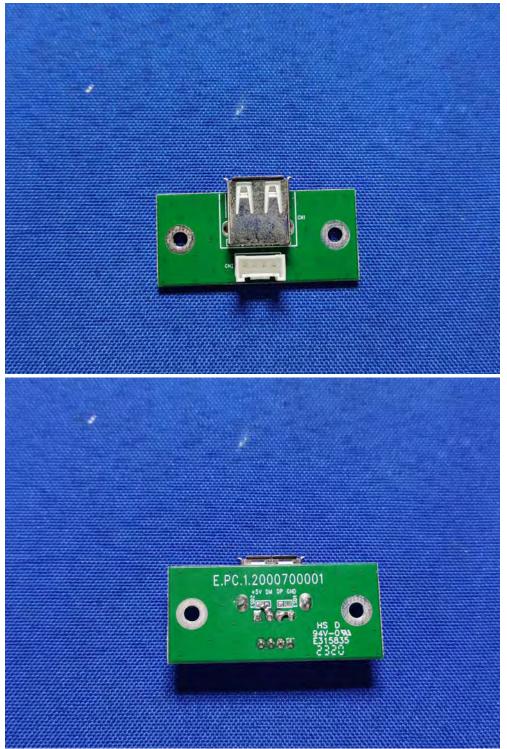
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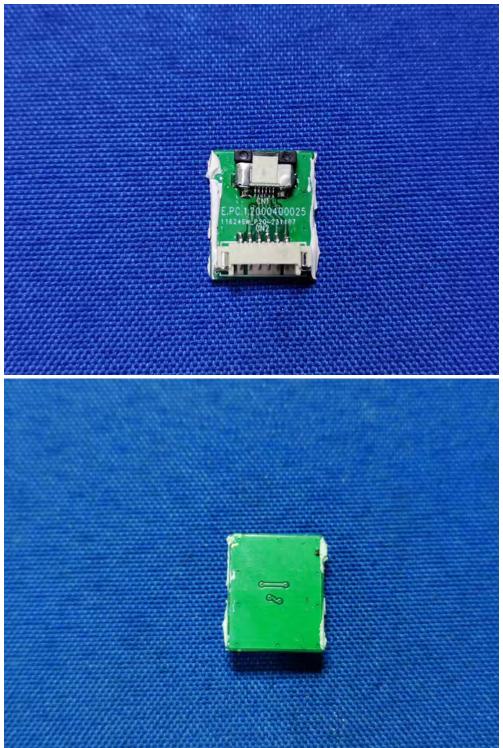
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--End of the report--

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