

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

Product: Commercial Kiosk Tablet

Model No.: INF431

Trademark: GLORYSTAR

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 Tang

Manager

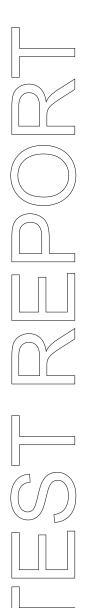
Dated: January 20, 2025

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



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## **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

Date: 2025-01-20



# Test Report Conclusion

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

11.0

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Photo of Test Setup and EUT View.

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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

#### 1.3 Description of EUT

Product: Commercial Kiosk Tablet

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

Address: Bldg., 9, 4/F., Zong Yuntai Technology Industrial Park, Songbai Road, Shiyan

Street, Boan, Shenzhen, China

Trademark: GLORYSTAR

Model Number: INF431 Additional Model Name N/A

Rating: Input: 100-240V~, 50/60Hz, 150W(MAX)

Modulation Type: GFSK, π/4DQPSK, 8DPSK

Operation Frequency: 2402-2480MHz

Channel Number: 79
Channel Separation: 1MHz
Hardware Version: V1.0
Software Version: V1.0

Serial No.: GS431241200001

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

2024-12-16 to 2025-01-20

## 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

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	2024-07-12	2025-07-11		
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11		
LISN	R&S	EZH3-Z5	100253	2024-07-12	2025-07-11		
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2024-07-12	2025-07-11		
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17		
Spectrum	R&S	FSIQ26	100292	2024-07-12	2025-07-11		
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17		
Horn Antenna	R&S	BBHA 9120D	9120D-631	2024-07-18	2026-07-17		
Power meter	Anritsu	ML2487A	6K00003613	2024-07-12	2025-07-11		
Power sensor	Anritsu	MA2491A	32263	2024-07-12	2025-07-11		
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	2024-07-12	2025-07-11		
EMI Test Receiver	RS	ESCS 30	834115/006	2024-07-12	2025-07-11		
Spectrum	HP/Agilent	E4407B	MY50441392	2024-07-12	2025-07-11		
Spectrum	RS	FSP	1164.4391.38	2024-07-12	2025-07-11		
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	1	2024-07-12	2025-07-11		
RF Cable	Zhengdi	7m	1	2024-07-12	2025-07-11		
Pre-Amplifier	Schwarebeck	BBV9743	#218	2024-07-12	2025-07-11		
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2024-07-12	2025-07-11		
LISN	SCHAFFNER	NNB42	00012	2024-07-12	2025-07-11		
ESPI Test Receiver	R&S	ESPI 3	100379	2024-07-12	2025-07-11		
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11		

## 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 heen	tested acco	rding to th	e following	specifications:
INCLUI	nas deen	iesieu acco	ւսուջ ա ա	C IOHOWIH2	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

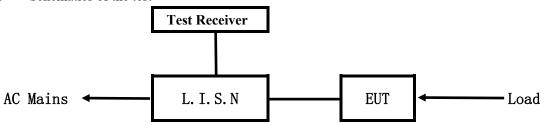
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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#### 5. Power Line Conducted Emission Test

#### 5.1 Schematics of the test

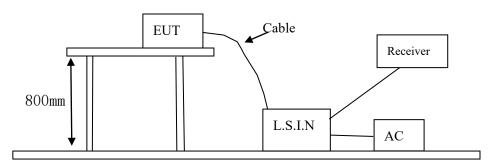


**EUT: Equipment Under Test** 

#### 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. The Frequency spectrum from 0.15 MHz to 30 MHz was investigated. The LISN used was 50 ohm/50 uH 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

Device	Manufacturer	Model	FCC ID
Commercial Kiosk Tablet	GLORY STAR TECHNICS	INF431	2AACS-INF431
	(SHENZHEN) CO., LTD.	11117431	

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#### B. Internal Device

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 (dB μ V)				
(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 ~ 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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## A: Conducted Emission on Live Terminal (150kHz to 30MHz)

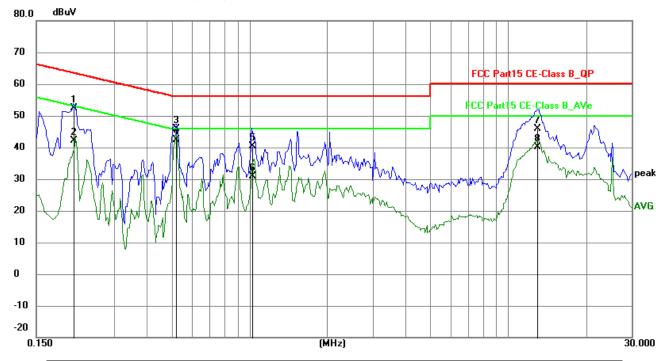
**EUT Operating Environment** 

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Communication by BT** 

**Results: Pass** 

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2085	42.02	10.32	52.34	63.26	-10.92	QP	Р
2	0.2085	31.86	10.32	42.18	53.26	-11.08	AVG	Р
3	0.5205	35.41	10.41	45.82	56.00	-10.18	QP	Р
4	0.5205	32.01	10.41	42.42	46.00	-3.58	AVG	Р
5	1.0236	29.78	10.52	40.30	56.00	-15.70	QP	Р
6	1.0236	20.24	10.52	30.76	46.00	-15.24	AVG	П
7	12.9199	31.27	14.59	45.86	60.00	-14.14	QP	Р
8	12.9199	25.42	14.59	40.01	50.00	-9.99	AVG	Р

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## B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

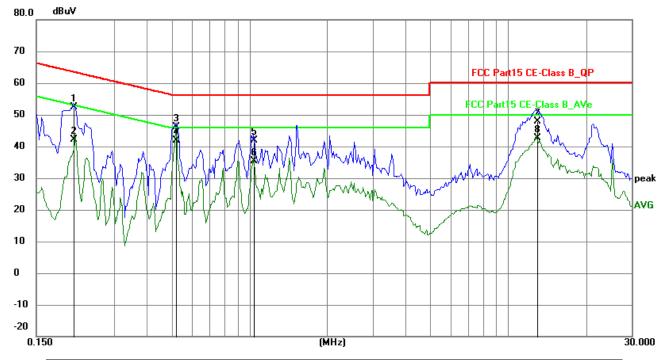
**EUT Operating Environment** 

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Communication by BT** 

**Results: Pass** 

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2085	42.02	10.32	52.34	63.26	-10.92	QP	Р
2	0.2085	31.80	10.32	42.12	53.26	-11.14	AVG	Р
3	0.5205	35.61	10.41	46.02	56.00	-9.98	QP	Р
4	0.5205	31.36	10.41	41.77	46.00	-4.23	AVG	Р
5	1.0392	31.29	10.53	41.82	56.00	-14.18	QP	Р
6	1.0392	24.87	10.53	35.40	46.00	-10.60	AVG	Л
7	12.9606	33.21	14.60	47.81	60.00	-12.19	QP	Р
8	12.9606	28.06	14.60	42.66	50.00	-7.34	AVG	Р

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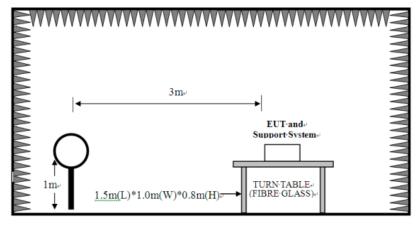


#### **6** Radiated Emission Test

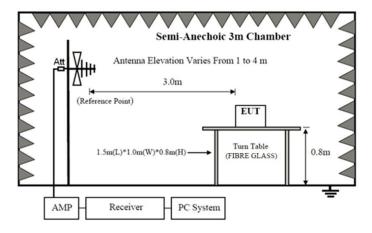
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size 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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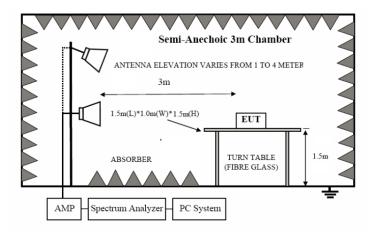
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For radiated emissions above 1GHz



- 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 Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
(MHz)	mV/m	dBuV/m		uV/m	dBuV/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.

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ 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  $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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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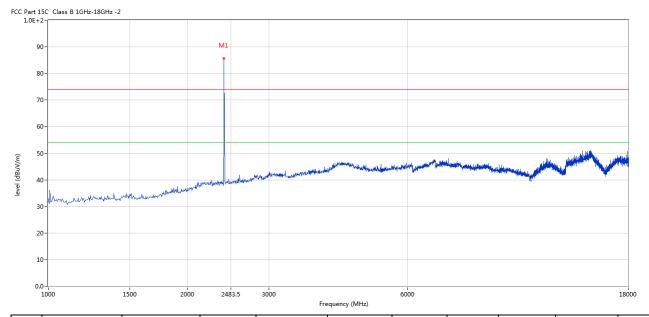


## 6.5 Test result

## A Fundamental & Harmonics Radiated Emission Data

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

#### Horizontal



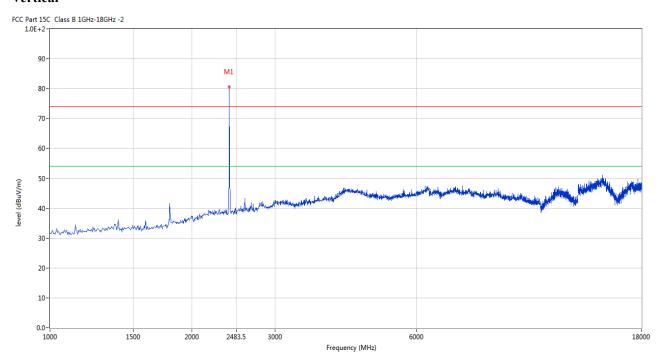
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	85.67	-3.57	114.0	-28.33	Peak	178.00	100	Horizontal	Pass

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### Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402	80.62	-3.57	114.0	-33.38	Peak	105.00	100	Vertical	Pass

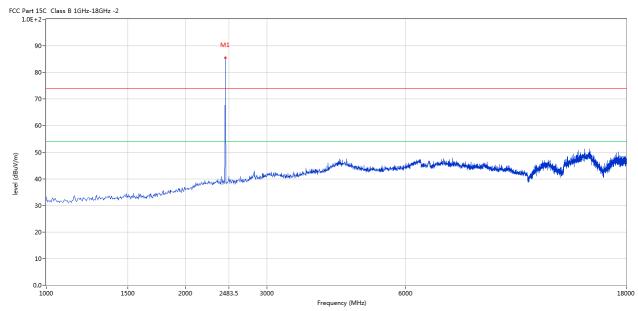
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Please refer to the following test plots for details: Middle Channel-2441MHz

#### Horizontal



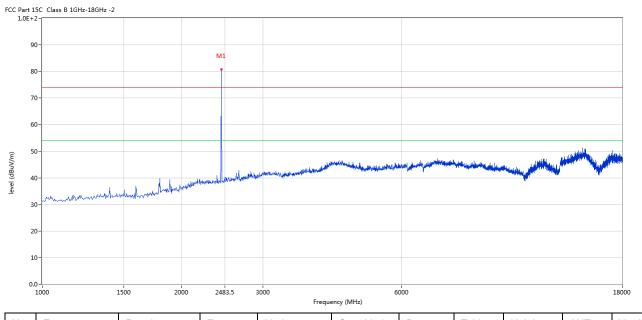
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	85.45	-3.57	114.0	-28.55	Peak	184.00	100	Horizontal	Pass

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### Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	80.83	-3.57	114.0	-33.17	Peak	28.00	100	Vertical	Pass

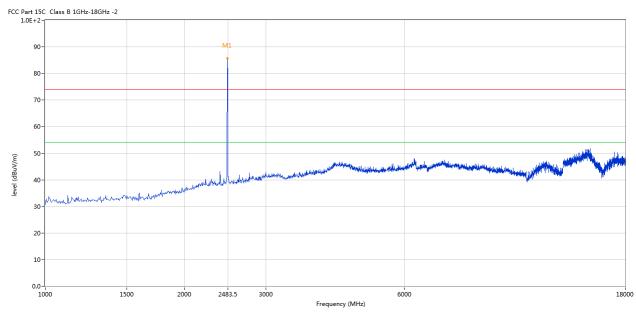
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Please refer to the following test plots for details: High Channel-2480MHz

#### Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	85.73	-3.57	114.0	-28.27	Peak	302.00	100	Horizontal	Pass

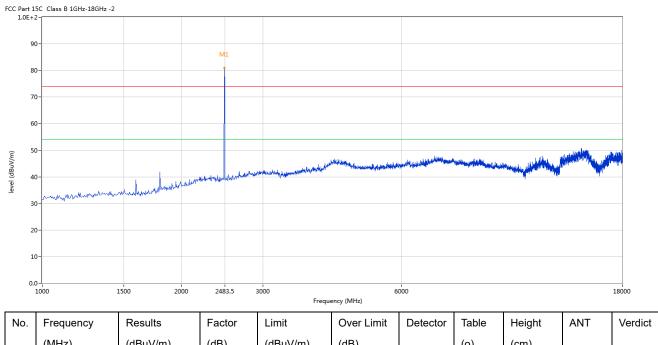
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#### Vertical



ı	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	1	2480	80.95	-3.57	114.0	-33.05	Peak	37.00	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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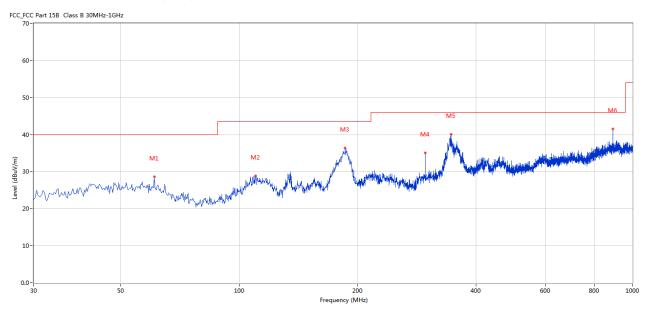


# B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

**Results:** Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	60.790	28.62	-5.50	40.0	11.38	Peak	268.00	100	Horizontal	Pass
2	110.005	28.89	-5.92	43.5	14.61	Peak	349.00	100	Horizontal	Pass
3	185.889	36.33	-7.20	43.5	7.17	Peak	2.00	100	Horizontal	Pass
4	296.926	35.09	-4.01	46.0	10.91	Peak	28.00	100	Horizontal	Pass
5	345.656	40.08	-2.73	46.0	5.92	Peak	360.00	100	Horizontal	Pass
6	890.902	41.53	4.89	46.0	4.47	Peak	153.00	100	Horizontal	Pass

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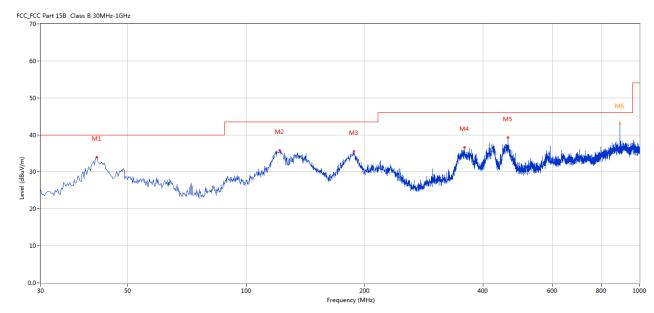


## Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	41.637	34.02	-5.75	40.0	5.98	Peak	184.00	100	Vertical	Pass
2	121.642	35.85	-7.99	43.5	7.65	Peak	331.00	100	Vertical	Pass
3	188.070	35.58	-7.33	43.5	7.92	Peak	47.00	100	Vertical	Pass
4	358.748	36.69	-1.93	46.0	9.31	Peak	24.00	100	Vertical	Pass
5	462.512	39.34	-0.80	46.0	6.66	Peak	309.00	100	Vertical	Pass
6*	890.902	43.01	4.89	46.0	2.99	QP	335.00	100	Vertical	Pass

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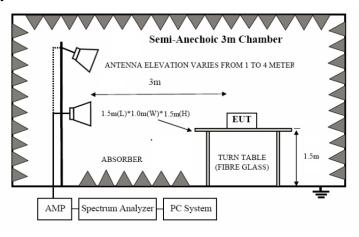
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# 7. Band Edge

#### 7.1 Test Method and test Procedure:

- (1) 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.

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

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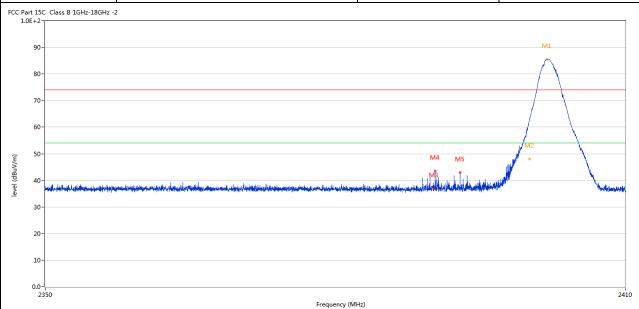
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#### 7.6 Test Result

Product:	Commercial Kiosk Tablet	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2401.857	85.44	-3.57	74.0	11.44	Peak	163.00	100	Horizontal	N/A
2	2400.012	63.17	-3.57	74.0	-10.83	Peak	163.00	100	Horizontal	Pass
2**	2400.012	48.09	-3.57	54.0	-5.91	AV	163.00	100	Horizontal	Pass
3	2390.040	36.87	-3.53	74.0	-37.13	Peak	73.00	100	Horizontal	Pass
4	2390.175	43.59	-3.53	74.0	-30.41	Peak	168.00	100	Horizontal	Pass
5	2392.754	43.00	-3.54	74.0	-31.00	Peak	163.00	100	Horizontal	Pass

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5

2393.039

45.50

-3.54

74.0

-28.50

Peak

36.00

100

Vertical

Pass



]	Product:	Coı	mmercial k	Kiosk Tablet		Detect	or		Vertical	
	Mode	K	Leeping Tra	ansmitting		Test Vol	tage		120V~	
Te	mperature		24 deg	g. C,		Humid	ity	:	56% RH	
Te	est Result:		Pas	SS						
Part 1	15C Class B 1GHz-18GHz -	2					•			
9								M1	\	
7	70-									
6	50-								-	
5	10 - k. 1 k	Lodge tolk		and the fire one of the	ر المان المان المان	M4	M5	M2		a do
34	10- 10- 10-	والمدود والمائل المائل الم	ويروا والمواجعة	المدورة المرابط المراب	i ki dik dan ari din sari di kata san printali d	, LIM3	Manipulation	Maddi Maria	Mark Mark	nghy sodikish
3	10 - Hallmandhauthur million de seine - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	الإسلامية والمساوية	المروان ليعونكر ومادار والمعاطورين	no de la	المفاور والمستعدد والمستعد والمستعدد والمستعد والمستعدد والمستعد والمستعدد و	, LIM3	Ms Munith Chall to the	dudd <sup>m</sup>	house	<del>yahrosik</del> in
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4 3 2 2 1 0.	10 - Hallmandhauthur million de seine - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	naangaariidaya, oo kirinka dada, KV ka d <b>alaba</b> a	nggabaka, whiten a kuppel cinqui		equency (MHz)	, LIM3	MS MARIA JANGA JA	durable more	house.	2410
4 3 2 2 1 0.		Results	Factor			, LIM3	M5	Height	ANT	2410
4 3 2 1 1 0.	00 - Malakana hamilika milika			Fr	equency (MHz)	halanna de Mala	Munikuluhekul	Height (cm)		2410
4 3 2 1 1 0.	Frequency	Results	Factor	Fr Limit	equency (MHz)  Over Limit	halanna de Mala	Table	_		2410
44 33 22 11 0.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	equency (MHz)  Over Limit (dB)	Detector	Table (o)	(cm)	ANT	2410 Verdid
4 3 2 1 1 0. No.	Frequency (MHz) 2401.812	Results (dBuV/m) 80.16	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Over Limit (dB) 6.16	Detector Peak	Table (o) 117.00	(cm)	ANT Vertical	verdid
4 3 2 1 0. No.	Frequency (MHz) 2401.812 2400.057	Results (dBuV/m) 80.16 58.75	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Over Limit (dB) 6.16 -15.25	Detector Peak Peak	Table (o) 117.00 117.00	(cm) 100 100	ANT  Vertical  Vertical	Verdi N/A Pass

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Product:			ict: Commercial Kiosk Tablet		uct: Commercial Kiosk Tablet		duct: Commercial Kiosk Tablet		cial Kiosk T	ablet		Polari	ty	Horizo	ntal
Mode		Keepir	ng Transmitti	ing			120V	V~							
Temperature	:	2	4 deg. C,				ity	56% F	RH						
Test Result:		Pass													
Part 15C Class B 1GHz-1	8GHz -2														
		м													
90-		M	h												
80-		- I was	My .												
70-		$\nearrow$													
60-		1	M												
60-		M	W <sub>W2</sub>												
50-	٨٠١١٩٠١	1	1	rN <sub>c</sub>											
				1											
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pir bity utilitare thinks a philas	aran a derend whee he had been a few or a few of the second wheel he had been a few or a few			Angeled indeep with	<del>Villa</del> ktig <mark>da, eta e</mark> e.	والمعاش الخياسة المعادمة المعا	<del>illege di uni an</del> jada <u>san kilege di b</u>	rk diguighed dieus permet his ophi hand dieblichen	eterik <sub>a</sub> te andretky						
30-	eningen or all the sign in head filled the filled			Adaptive in Mary and Adaptive	the tight has placed as a survive sheet	e de an del denis di un desidence	elleggishen ja kerinda ya pelagan pela	d in the state of	eresinge met setting						
30 - 20 - 10 - 0.0	antenne e ette ter en				Pagirking dan share a a surring bed	e ta na darka majak uzantaran	ettagoileasi erriside, est thambifu	d iligigan diserranciis, distinui delibban							
30- 20-	animan or all the sign in head filled the filled		2483		H Kiph Logdu von La. As uniting bed	(c) ya di dilik misik u di dilikana	Magnifest en infança Magniff	d in produce courts, shi bad deillean							
30 - 20 - 10 - 2470		Factor	2483	.5	Detector	Table	Height	ANT	2500						
30 - 20 - 10 - 2470		Factor (dB)	1	.5 Frequency (MHz)					2500						
30- 20- 10- 0.0- 2470	y Results		Limit	.5 Frequency (MHz)		Table	Height		2500 Verd						

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]	Product:	duct: Commercial Kiosk Tablet				Detect	or	Vertic	al		
	Mode	Keeping Transmitting			e Keeping Tran		,	Test Volt	age	120V	·~
Те	mperature		re 24 deg. C,				Humid	ity	56% R	RH	
Te	est Result:	Pass									
CC Part 1	L5C Class B 1GHz-18GHz	-2				•					
9	0-		M1								
8	0-		No.	<u> </u>							
7	0-										
6	0-		1	TV .							
	0-			M2							
	0-	and abstraction		N <sub>2</sub> M <sub>2</sub>							
5	0-	المعارض والمعارض والم		M2	Modelacepolandeplelacebele	e dip de los levidos de los de	<del>nj</del> selados <sup>i d</sup> asadilboses.	a hadd a legal ann an glant to the grape of the grape	by African Andrews Little agreemen	A Lewis Let	
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5	O-	يستعمل أعبار المتعادمة والمتعادمة والمتعادمة والمتعادمة والمتعادمة والمتعادمة والمتعادمة والمتعادمة والمتعادمة		N <sub>2</sub> M <sub>2</sub>	UP water benefit in his fight an eight de first and eight de first an eight de first and eight de first	ndindstriki de inch	ng palla ang Pilangap Hangap Pilangap		ومسيم بالغلية فصاد وخصيسة في وا	hhimida da	
4	O-	معيقه المستهددة والحامة بالمناه المستهددة والمستهددة وا		M2	Mendelander lande fellen ein de fe	nakontelakinin kainek	<del>nj</del> udanovilanov	shalafiki muughurigi saab hadd	१९ में का कारण करता है है की है का उनके हैं। इस स्थापन	<u>Januaria Jar</u>	
3 2 1		يستعلم المستعلق المستعلق المستعلق المستعدد المست			ett vak kanen i kunde palane i bedeur	ndindindindindind	ng palla ang industribusan	shakaligi inangan ngangkang kadi	n, Angeria de polonie de la la la seguenza	hande id	
5 4 3 2	O-	na Ang-lin dina Makambukan di kabambi ji jawa		2483.5	Trequency (MHz)	nadio di indica di incide	<del>ny</del> veliana in <sup>k</sup> ana et inima et i	ahaliferana jerekendirak	nythomesivoteint liithemen	2500	
3 2 1 0.		Results	Factor	2483.5		Detector	Table	Height	hoft week stated that the country of	2500	
3 2 1 0.	0-		Factor (dB)	2483.5 Fi	requency (MHz)					2500	
3 2 1 0.	0	Results		2483.5 Fi	requency (MHz)  Over Limit		Table	Height			

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

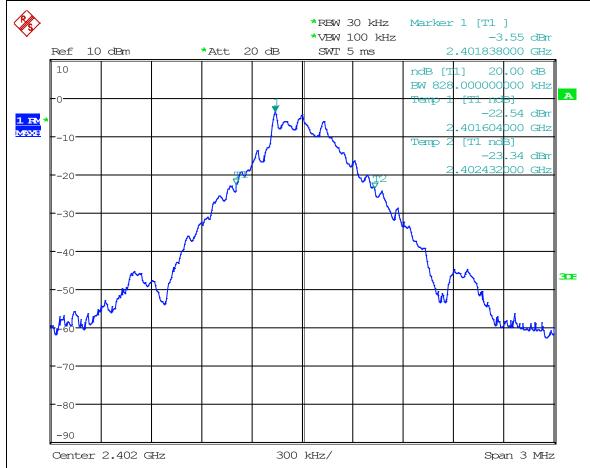
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9.0 20dB Bandwidt	h Measurement		
<b>GFSK Modulation</b>	1		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	828.00kHz		



Date: 11.JAN.2025 16:16:05

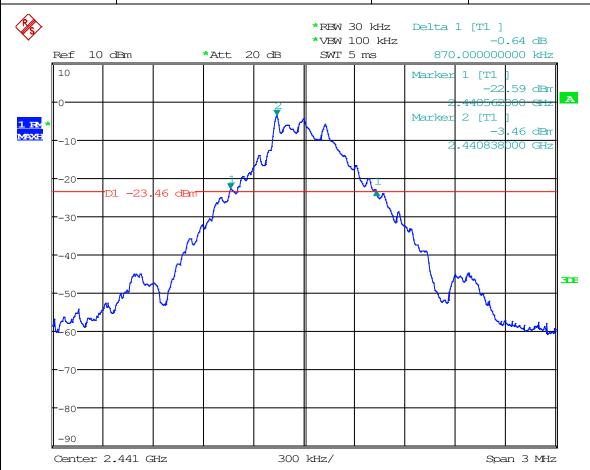
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GFSK Modula	tion		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	870.00kHz		



Date: 11.JAN.2025 16:20:00

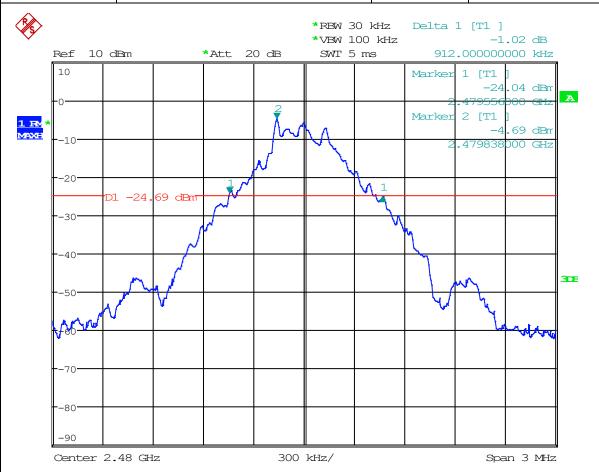
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GFSK Modulati	on		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	912.00kHz		



Date: 11.JAN.2025 16:23:23

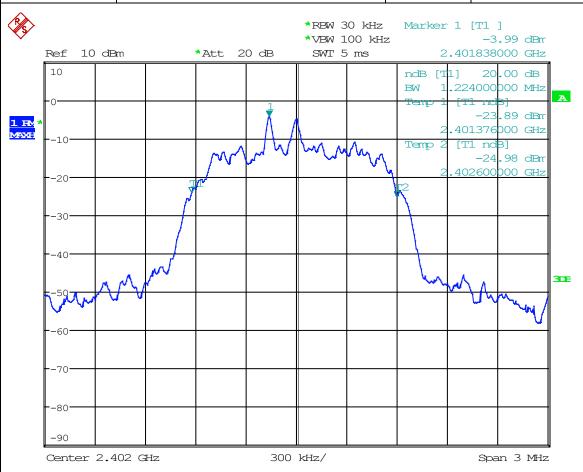
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π /4DQPSK Modulation					
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	120V~		
Temperature	24 deg. C,	Humidity	56% RH		
Test Result:	Pass	Detector	PK		
20dB Bandwidth	1.224MHz				



Date: 11.JAN.2025 16:29:11

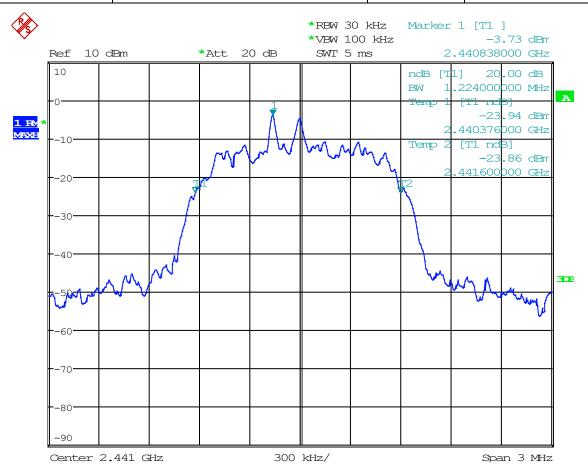
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π /4DQPSK Modulation					
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	120V~		
Temperature	24 deg. C,	Humidity	56% RH		
Test Result:	Pass	Detector	PK		
20dB Bandwidth	1.224MHz				



Date: 11.JAN.2025 16:26:26

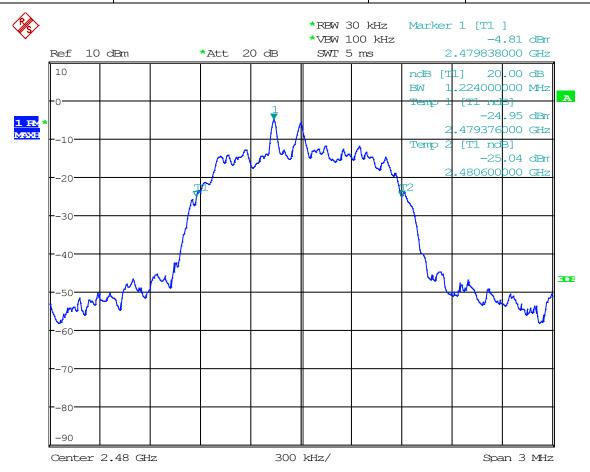
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π/4DQPSK Mo	dulation		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.224MHz		



Date: 11.JAN.2025 16:25:32

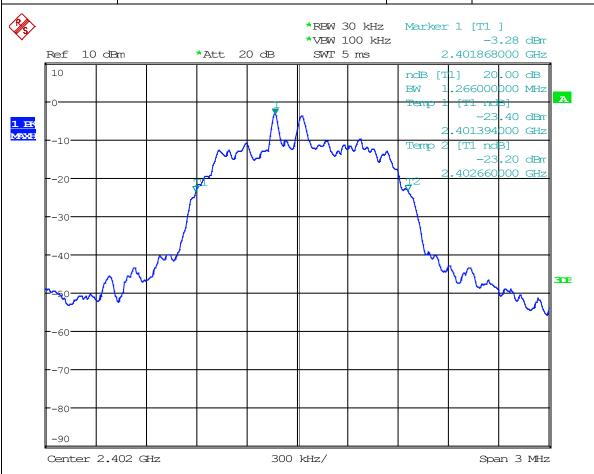
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8DPSK Modula	ation		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.266MHz		



Date: 15.JAN.2025 14:58:19

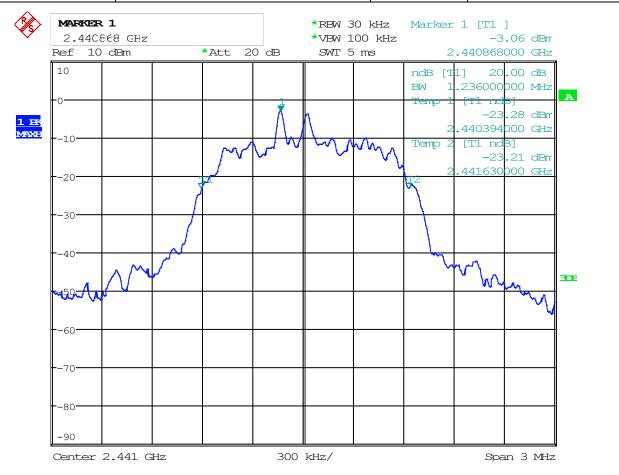
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Date: 2025-01-20



8DPSK Modul	ation		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V∼
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.236MHz		



Date: 15.JAN.2025 15:00:31

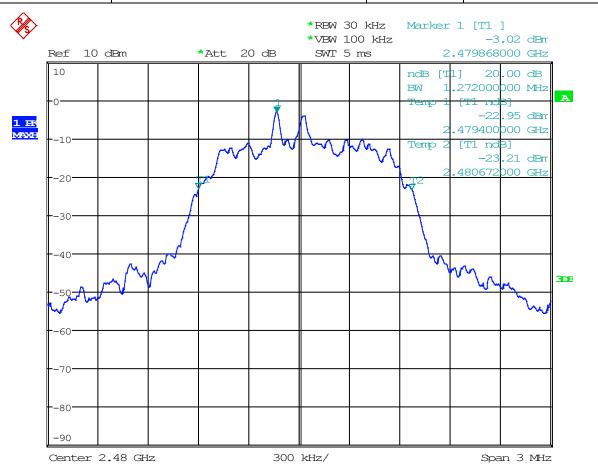
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8DPSK Modula	tion		
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	120V∼
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.272MHz		



Date: 15.JAN.2025 15:01:20

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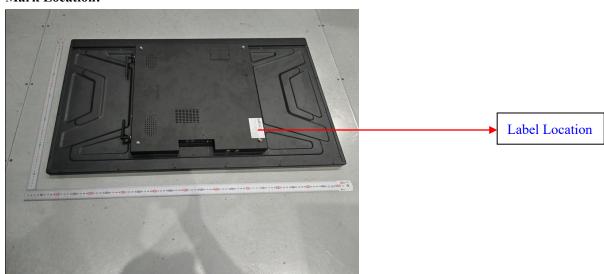
#### 10.0 FCC ID Label

#### FCC ID: 2AACS-INF431

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:**



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## 11.0 Photo of testing

#### 11.1 Conducted test View--



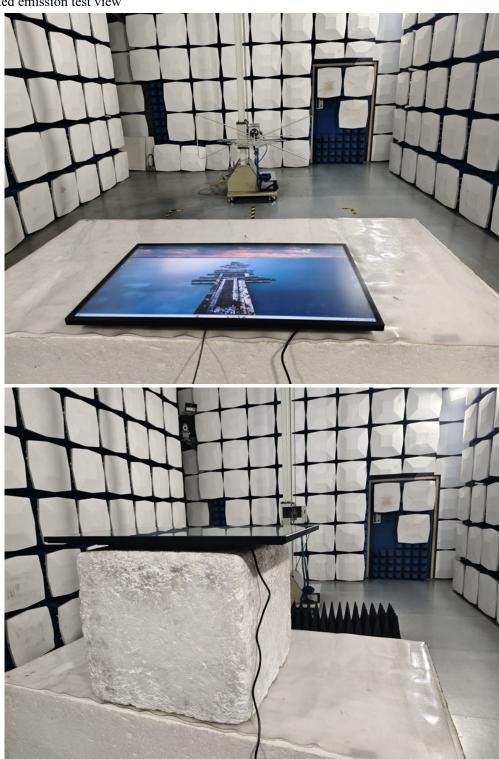
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#### Radiated emission test view



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

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