



Report No.: TW2405014-02E

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

A handwritten signature in black ink that reads "Terry Tang".

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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## Test Report Conclusion

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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 States  
Registration Number: 744189  
For 3m Anechoic Chamber

### 1.2 Applicant Details

Applicant: GLORY STAR TECHNICS (SHENZHEN) CO., LTD.  
Address: Bldg., 9, 4/F., Zong Yuntai 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., Zong Yuntai Technology Industrial Park, Songbai Road, Shiyan Street, Boan, Shenzhen, China
Trademark:	Glory Star
Additional Trademark:	N/A
Model Number:	INF321
Additional Model Name	N/A
Rating:	Input: 100-240V~, 50/60Hz, 50W(MAX)
Battery:	1pc DC3.0V CR1220 button battery
Modulation Type:	GFSK (Bluetooth Low Energy)
Operation Frequency:	2402-2480MHz
Channel Separate:	2MHz
Channel Number:	40
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)

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1.4 Submitted Sample: 2 Samples

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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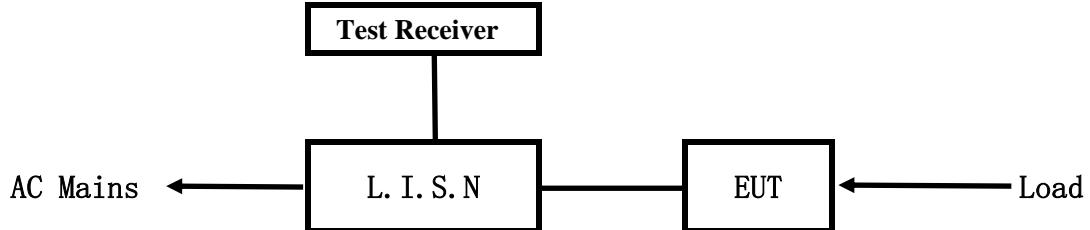
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## 5. Power Line Conducted Emission Test

### 5.1 Schematics of the test



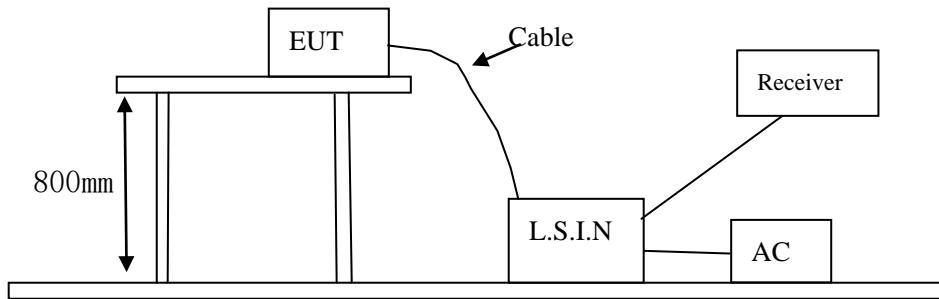
EUT: Equipment Under Test

### 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10 –2013.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



### 5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

40 channels are provided to the EUT

#### A. EUT

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

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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 C63.10-2013

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 (MHz)	Limits (dB $\mu$ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0~56.0*	56.0~46.0*
0.50 ~ 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:

Pass

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**A: Conducted Emission on Live Terminal (150kHz to 30MHz)**

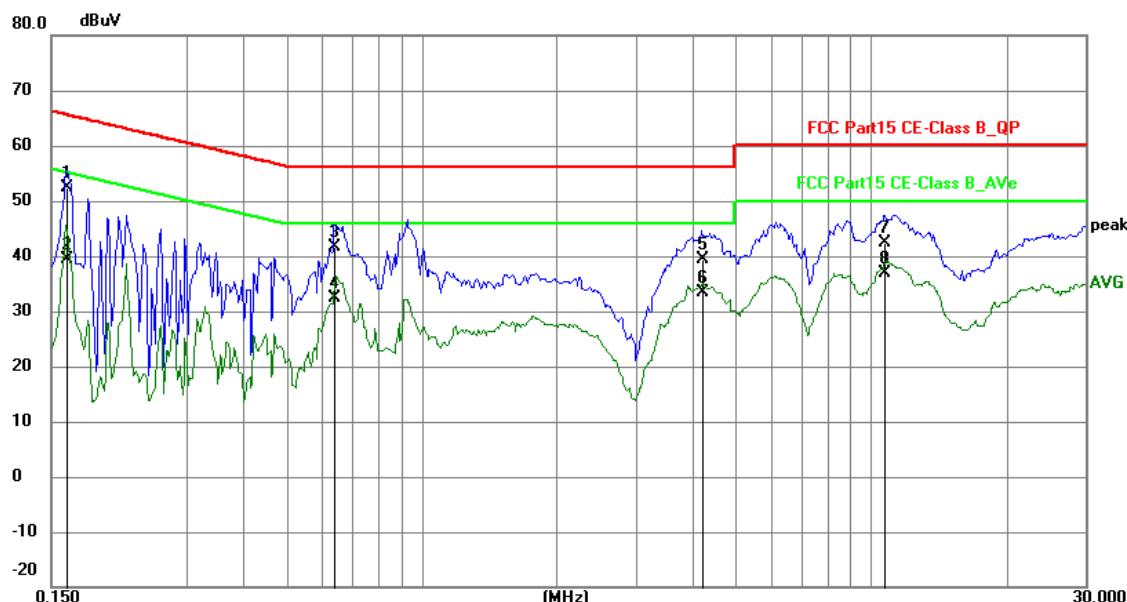
**EUT Operating Environment**

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	0.1617	42.53	9.78	52.31	65.38	-13.07	QP	P
2	0.1617	29.48	9.78	39.26	55.38	-16.12	AVG	P
3	0.6375	31.92	9.78	41.70	56.00	-14.30	QP	P
4	0.6375	22.57	9.78	32.35	46.00	-13.65	AVG	P
5	4.2051	29.51	9.90	39.41	56.00	-16.59	QP	P
6	4.2051	23.40	9.90	33.30	46.00	-12.70	AVG	P
7	10.7259	32.11	10.19	42.30	60.00	-17.70	QP	P
8	10.7259	26.76	10.19	36.95	50.00	-13.05	AVG	P

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

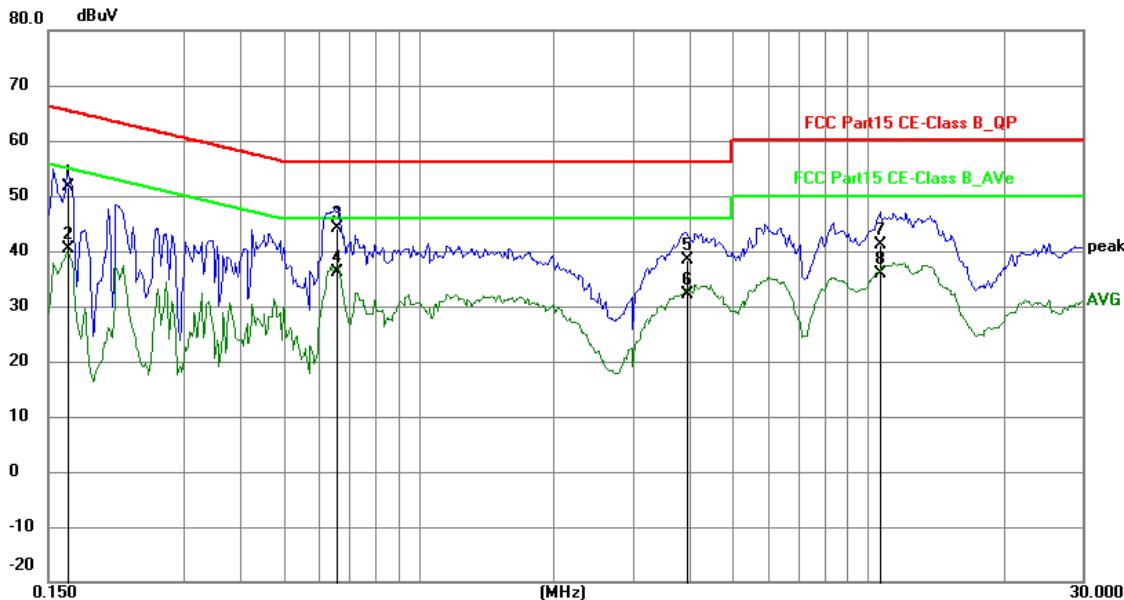
### EUT Operating Environment

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	0.1655	41.75	9.77	51.52	65.18	-13.66	QP	P
2	0.1655	30.55	9.77	40.32	55.18	-14.86	AVG	P
3	0.6570	34.28	9.78	44.06	56.00	-11.94	QP	P
4	0.6570	26.38	9.78	36.16	46.00	-9.84	AVG	P
5	3.9516	28.53	9.88	38.41	56.00	-17.59	QP	P
6	3.9516	22.21	9.88	32.09	46.00	-13.91	AVG	P
7	10.6674	30.95	10.19	41.14	60.00	-18.86	QP	P
8	10.6674	25.65	10.19	35.84	50.00	-14.16	AVG	P

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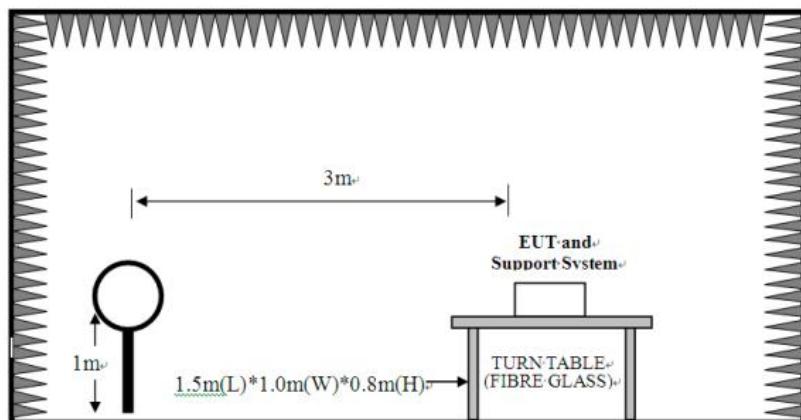
## 6 Radiated Emission Test

### 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



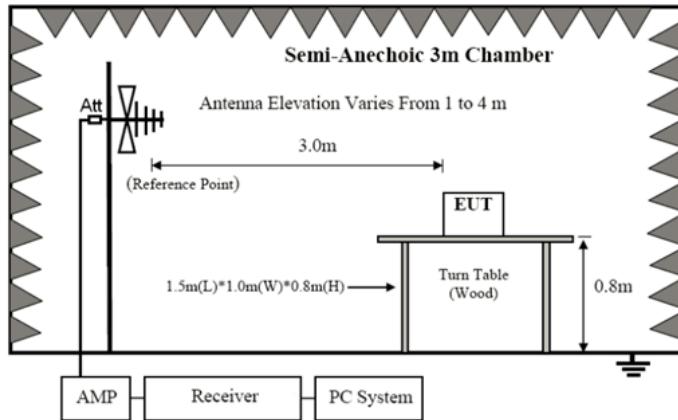
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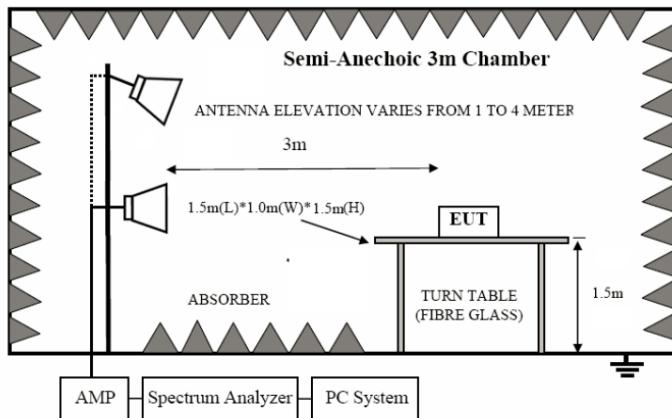
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For radiated emissions from 30MHz to 1GHz



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.

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#### 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 (MHz)	Field Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
	<b>mV/m</b>	<b>dBuV/m</b>		<b>uV/m</b>	<b>dBuV/m</b>	
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

1. RF Field Strength (dBuV) =  $20 \log_{10} \text{RF Voltage (uV)}$
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.

#### 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	$20\log_{10}(2400/F(\text{kHz})) + 40\log_{10}(300/3)$
0.490-1.705	3	$20\log_{10}(24000/F(\text{kHz})) + 40\log_{10}(30/3)$
1.705-30	3	69.5
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

1. RF Voltage (dBuV) =  $20 \log_{10} \text{RF Voltage (uV)}$
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.

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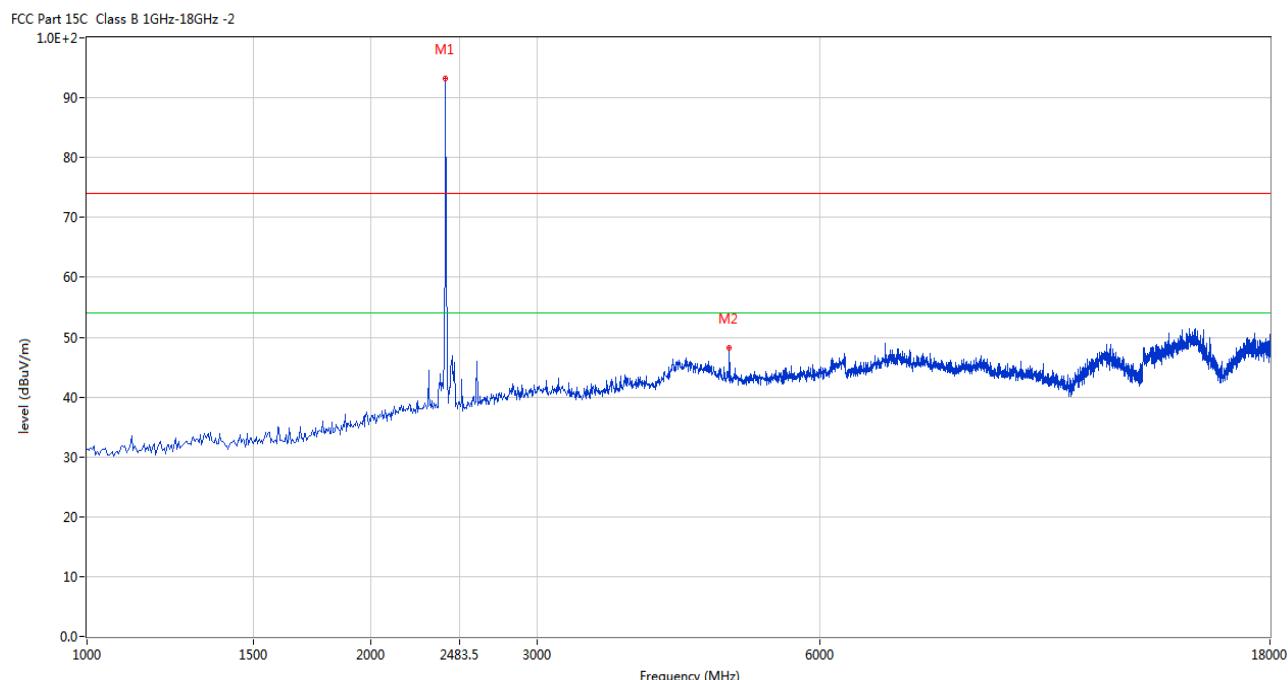


## 6.5 Test result

### A Fundamental & Harmonics Radiated Emission Data

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

#### Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	93.20	-3.57	114.0	-20.80	Peak	303.00	100	Horizontal	Pass
1**	2402	84.37	-3.57	94.0	-9.63	AV	303.00	100	Horizontal	Pass
2	4802.799	48.19	3.12	74.0	-25.81	Peak	360.00	100	Horizontal	Pass

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

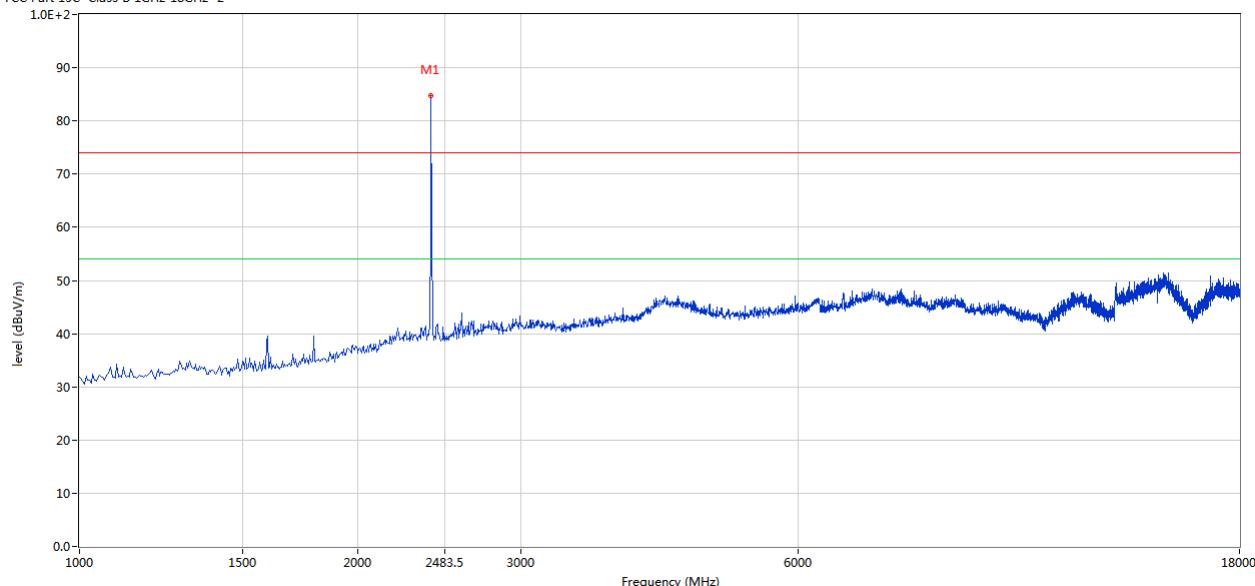
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	84.69	-3.57	114.0	-29.31	Peak	64.00	100	Vertical	Pass

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

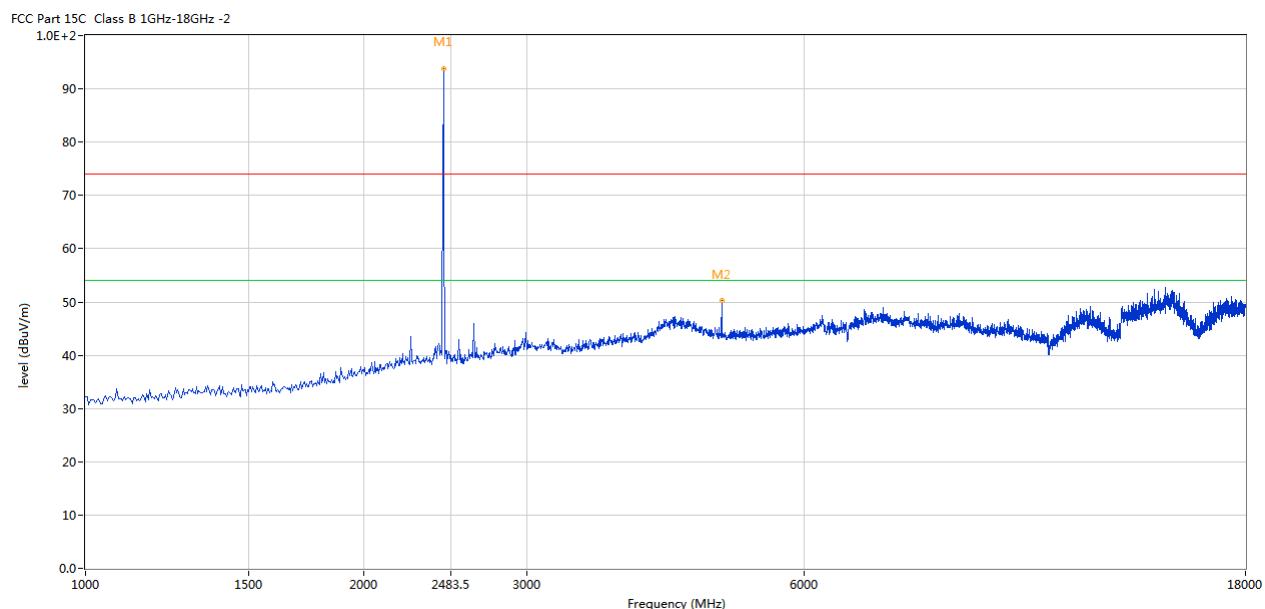
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Please refer to the following test plots for details: Middle Channel-2440MHz

### Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2440	93.87	-3.57	114.0	-20.13	Peak	268.00	100	Horizontal	Pass
1**	2440	85.12	-3.57	94.0	-8.88	AV	268.00	100	Horizontal	Pass
2	4879.280	50.34	3.20	74.0	-23.66	Peak	290.00	100	Horizontal	Pass

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

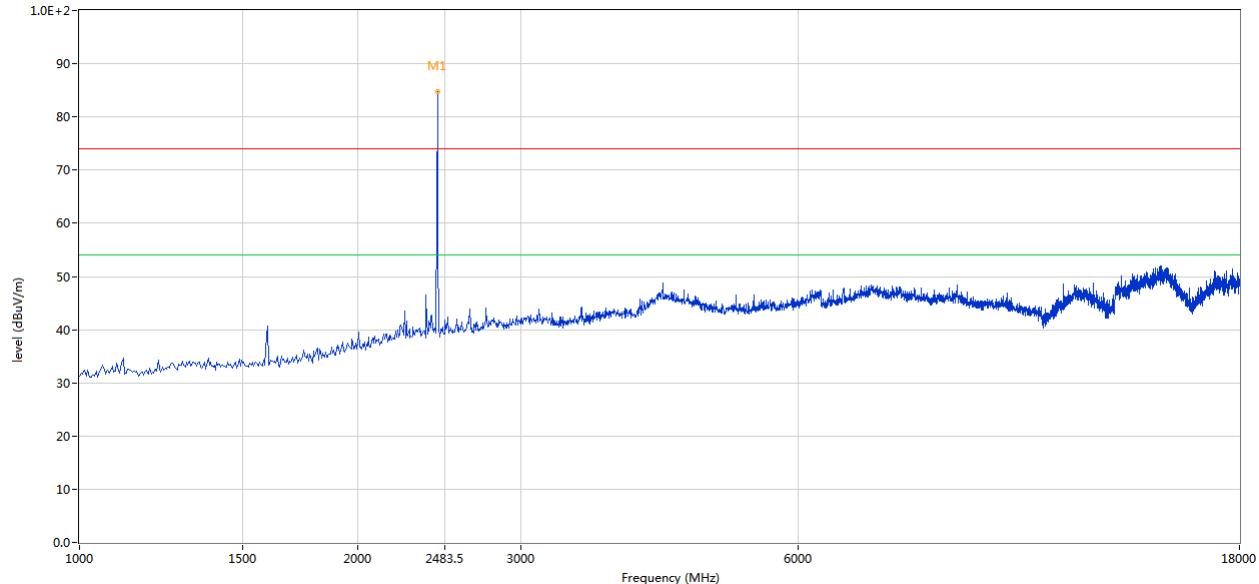
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2440	84.79	-3.57	114.0	-29.21	Peak	133.00	100	Vertical	Pass

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

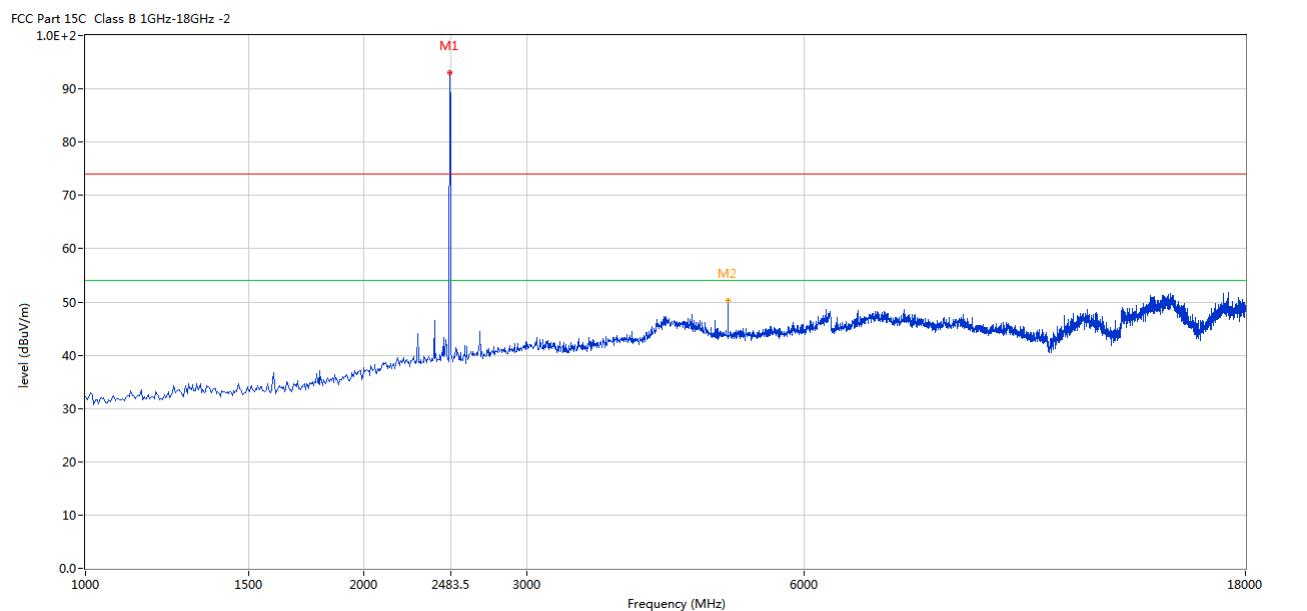
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Please refer to the following test plots for details: High Channel-2480MHz

### Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	93.08	-3.57	114.0	-20.92	Peak	245.00	100	Horizontal	Pass
2	4960.010	50.25	3.36	74.0	-23.75	Peak	267.00	100	Horizontal	Pass

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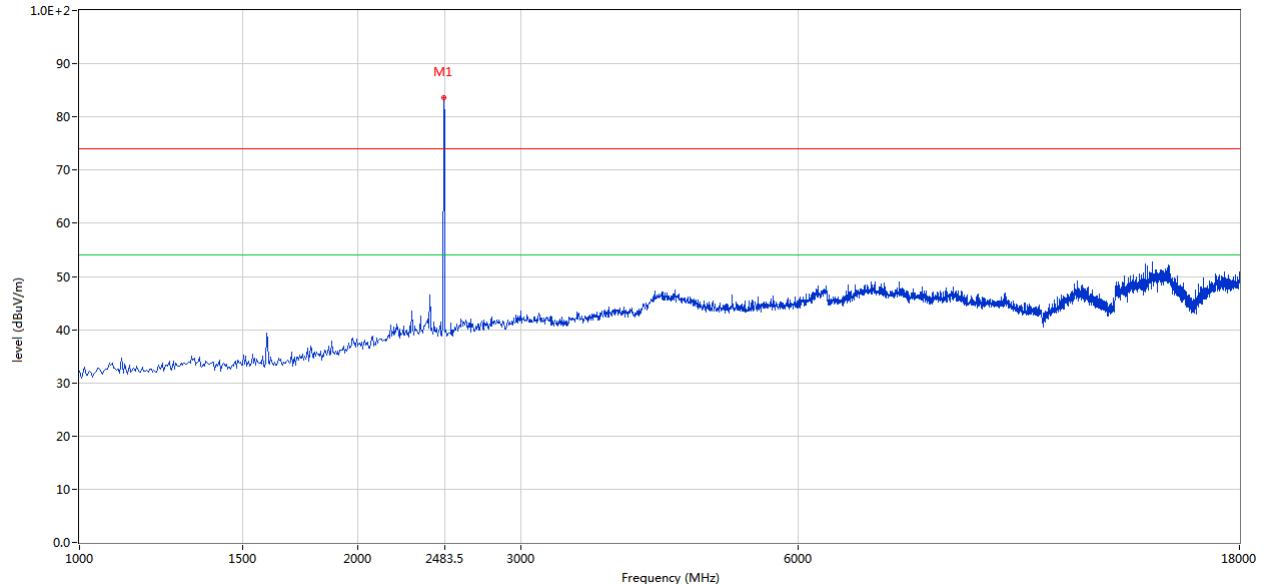
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	83.55	-3.57	114.0	-30.45	Peak	73.00	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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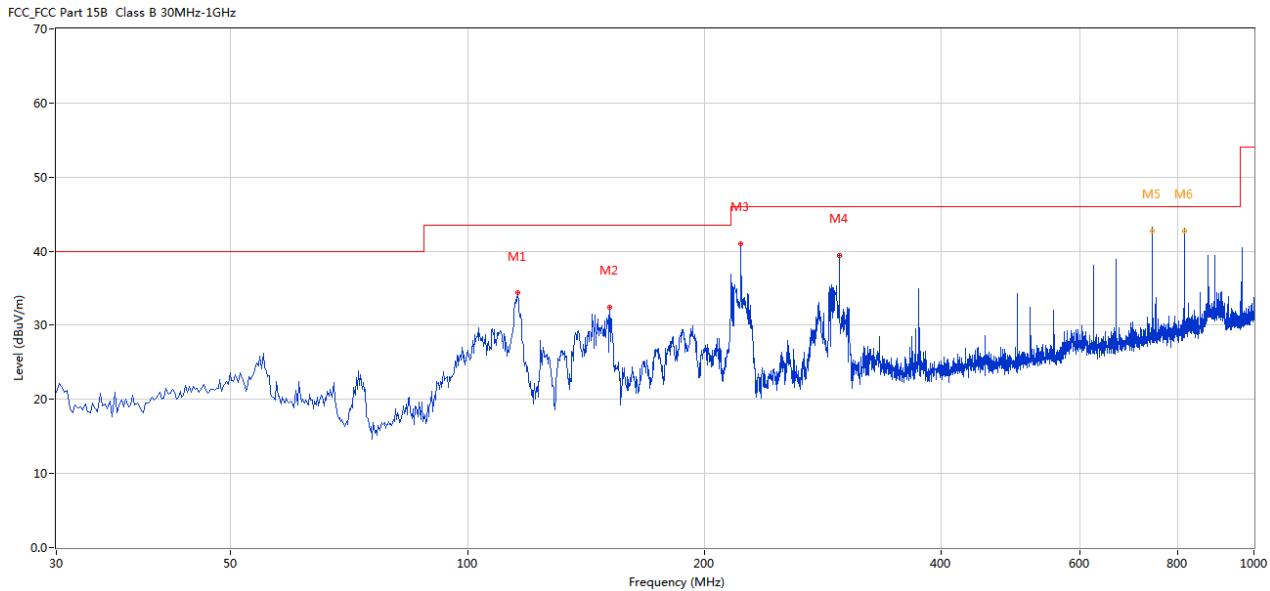
## B. General Radiated Emission Data

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

EUT set Condition: Keep Tx transmitting

**Results: Pass**

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	115.824	34.35	-14.57	43.5	9.15	Peak	5.00	100	Horizontal	Pass
2	151.705	32.47	-16.94	43.5	11.03	Peak	351.00	100	Horizontal	Pass
3	222.739	40.94	-13.19	46.0	5.06	Peak	148.00	100	Horizontal	Pass
4	296.926	39.39	-11.07	46.0	6.61	Peak	148.00	100	Horizontal	Pass
5*	742.529	42.75	-3.47	46.0	3.25	QP	272.00	100	Horizontal	Pass
6*	816.716	42.67	-2.92	46.0	3.33	QP	272.00	100	Horizontal	Pass

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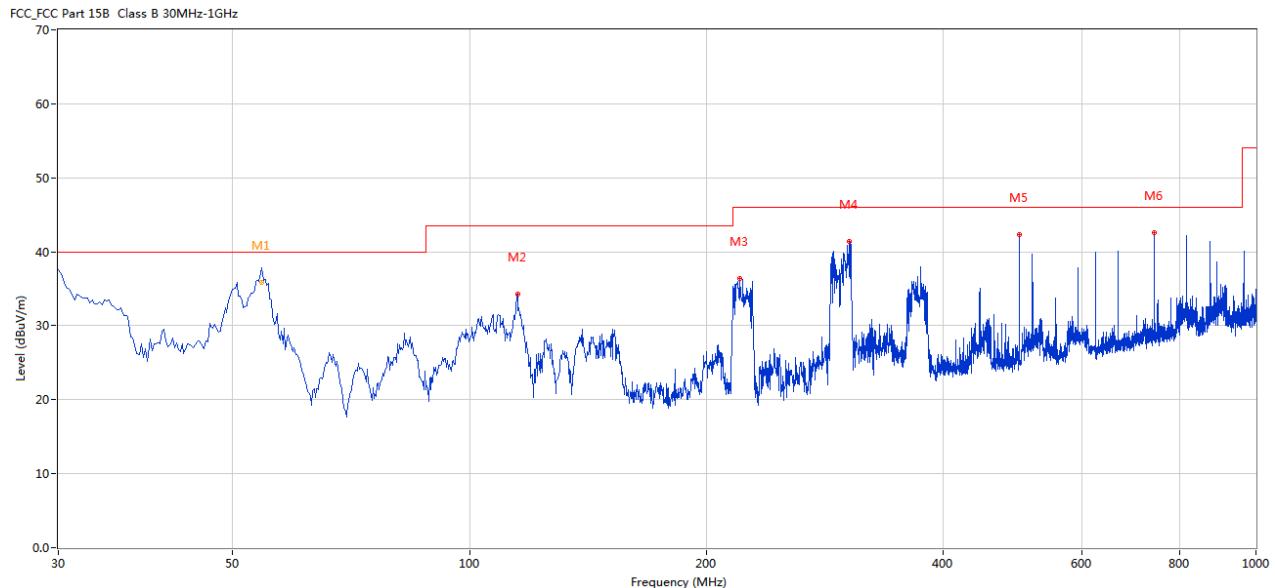


### Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

#### Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	54.486	35.92	-11.66	40.0	4.08	QP	243.00	100	Vertical	Pass
2	115.096	34.33	-14.44	43.5	9.17	Peak	68.00	100	Vertical	Pass
3	220.315	36.42	-13.31	46.0	9.58	Peak	344.00	100	Vertical	Pass
4	303.957	41.42	-10.99	46.0	4.58	Peak	344.00	100	Vertical	Pass
5	500.090	42.37	-6.91	46.0	3.63	Peak	1.00	100	Vertical	Pass
6	742.529	42.57	-3.47	46.0	3.43	Peak	202.00	100	Vertical	Pass

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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.

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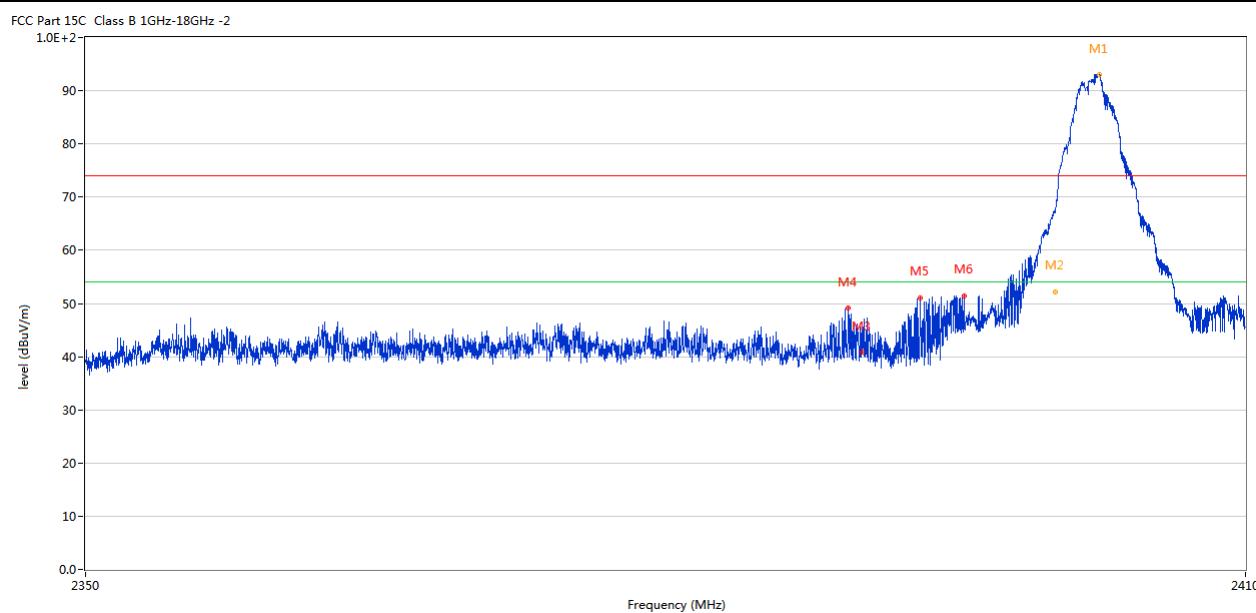
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## 7.6 Test Result

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402.337	93.05	-3.57	74.0	19.05	Peak	288.00	100	Horizontal	N/A
2	2400.042	67.20	-3.57	74.0	-6.80	Peak	299.00	100	Horizontal	Pass
2**	2400.042	52.08	-3.57	54.0	-1.92	AV	299.00	100	Horizontal	Pass
3	2390.025	40.89	-3.53	74.0	-33.11	Peak	288.00	100	Horizontal	Pass
4	2389.275	49.06	-3.53	74.0	-24.94	Peak	294.00	100	Horizontal	Pass
5	2393.024	51.11	-3.54	74.0	-22.89	Peak	294.00	100	Horizontal	Pass
6	2395.304	51.39	-3.55	74.0	-22.61	Peak	231.00	100	Horizontal	Pass

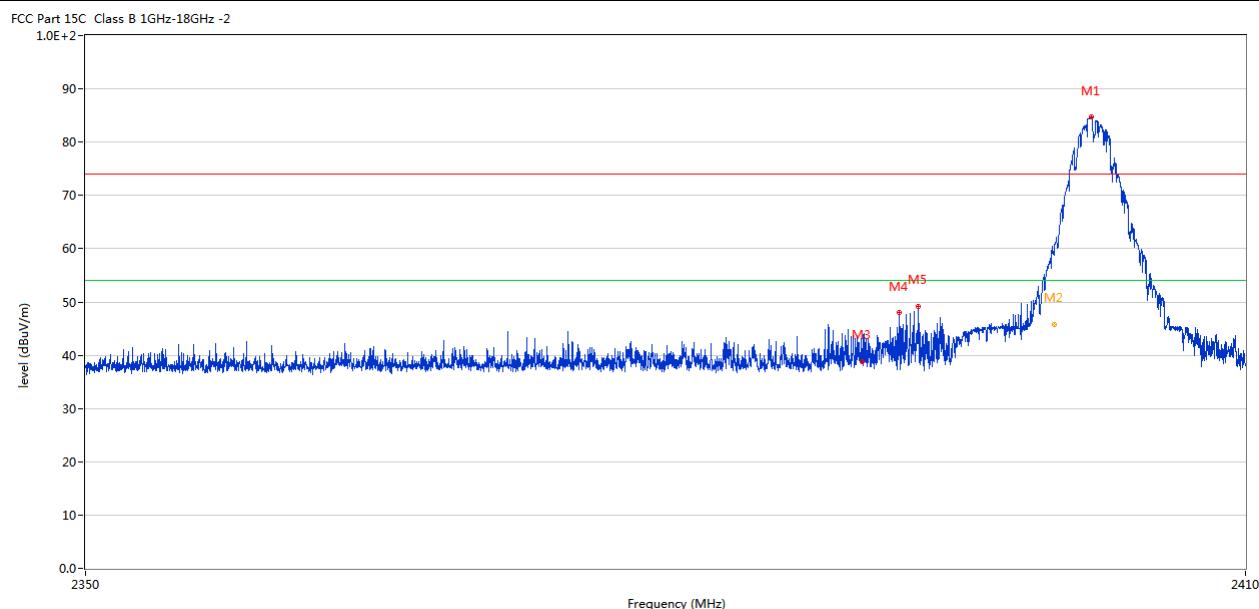
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Product:	Commercial Kiosk Tablet	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2401.932	84.66	-3.57	74.0	10.66	Peak	145.00	100	Vertical	N/A
2	2400.027	60.75	-3.57	74.0	-13.25	Peak	145.00	100	Vertical	Pass
2**	2400.027	45.75	-3.57	54.0	-8.25	AV	145.00	100	Vertical	Pass
3	2390.025	38.80	-3.53	74.0	-35.20	Peak	17.00	100	Vertical	Pass
4	2390.925	51.91	-3.53	74.0	-22.09	Peak	98.00	100	Vertical	Pass
5	2392.919	49.16	-3.54	74.0	-24.84	Peak	131.00	100	Vertical	Pass

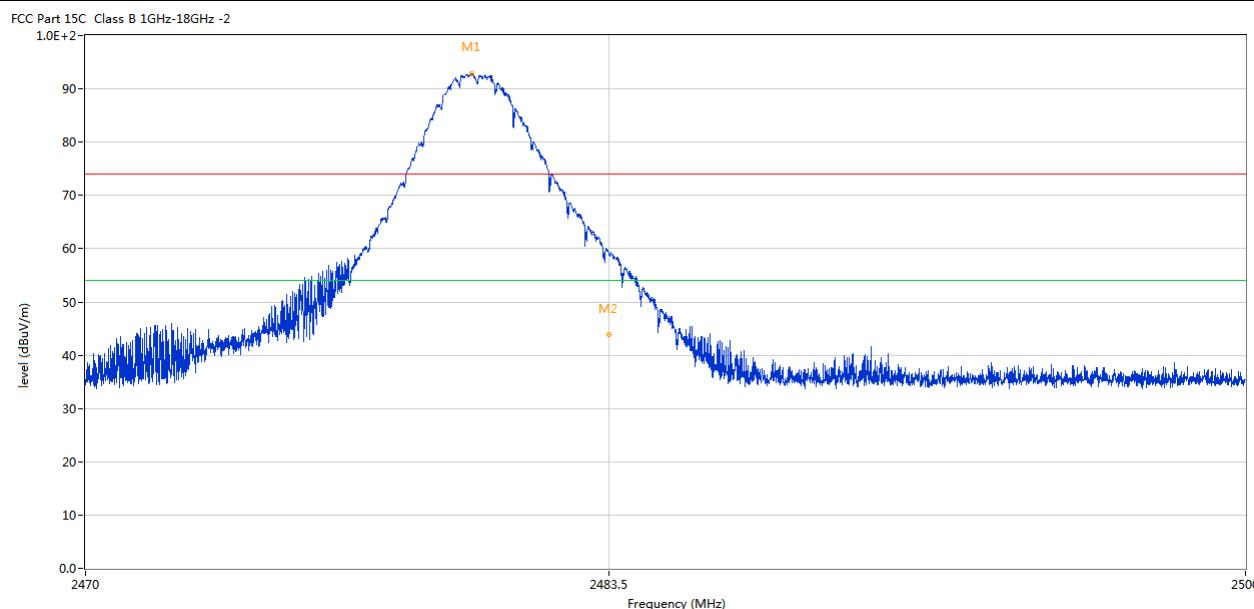
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Product:	Commercial Kiosk Tablet	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.943	92.86	-3.57	74.0	18.86	Peak	242.00	100	Horizontal	N/A
2	2483.500	58.93	-3.57	74.0	-15.07	Peak	267.57	100	Horizontal	Pass
2**	2483.500	43.85	-3.57	54.0	-10.15	AV	267.57	100	Horizontal	Pass

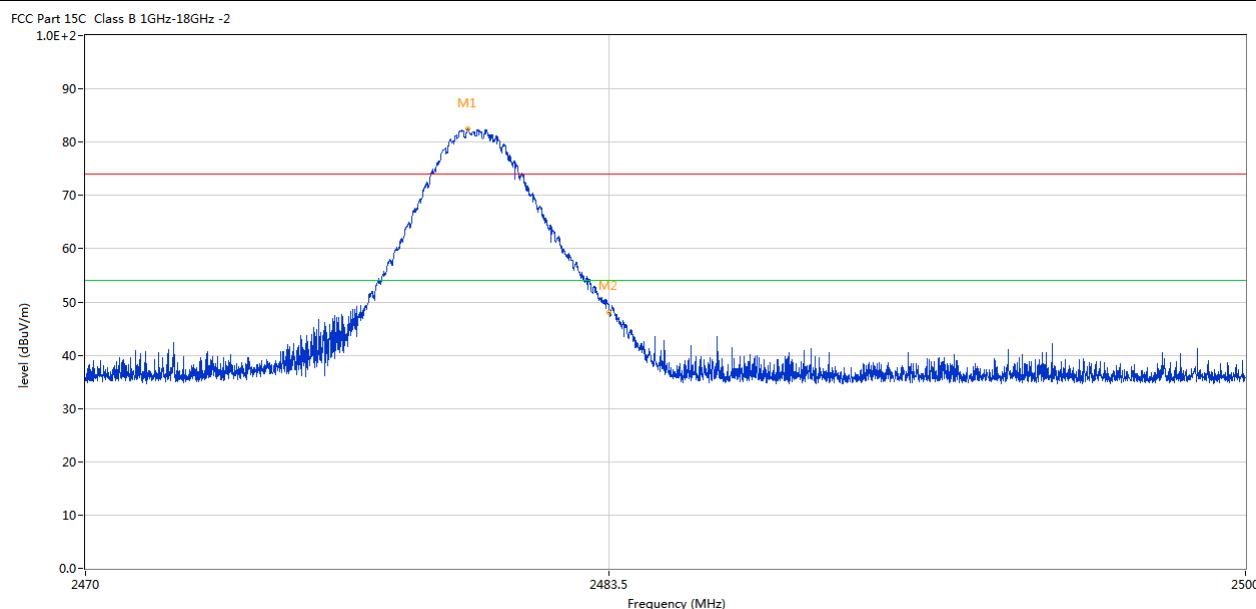
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Product:	Commercial Kiosk Tablet	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.838	82.46	-3.57	74.0	8.46	Peak	150.00	100	Vertical	N/A
2	2483.500	47.97	-3.57	74.0	-26.03	Peak	0.00	100	Vertical	Pass

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

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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 1.39dBi Max. It fulfills the requirement of this section.

Test Result: Pass

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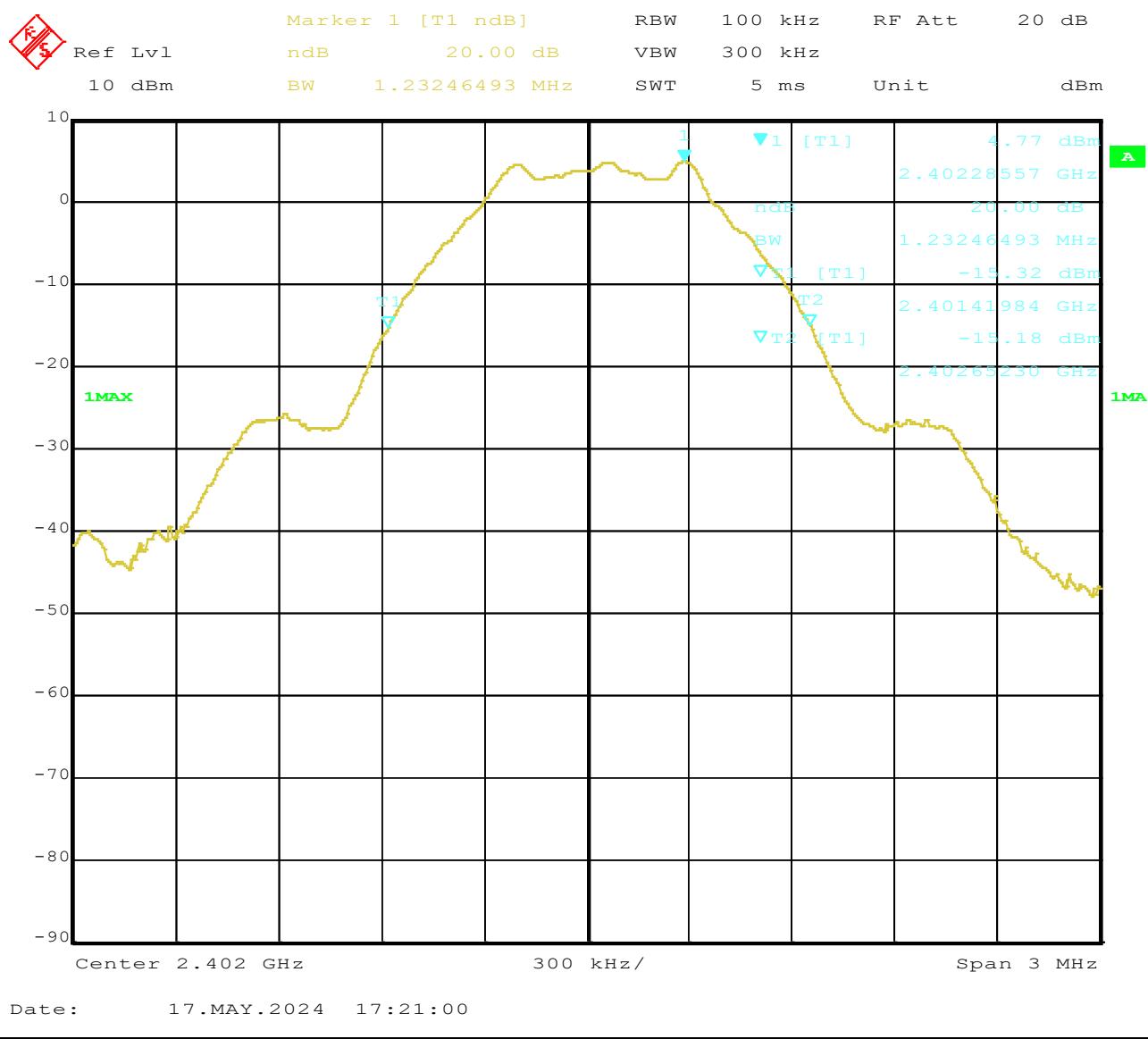
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## 9.0 20dB Bandwidth Measurement

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	1.232MHz	--	--

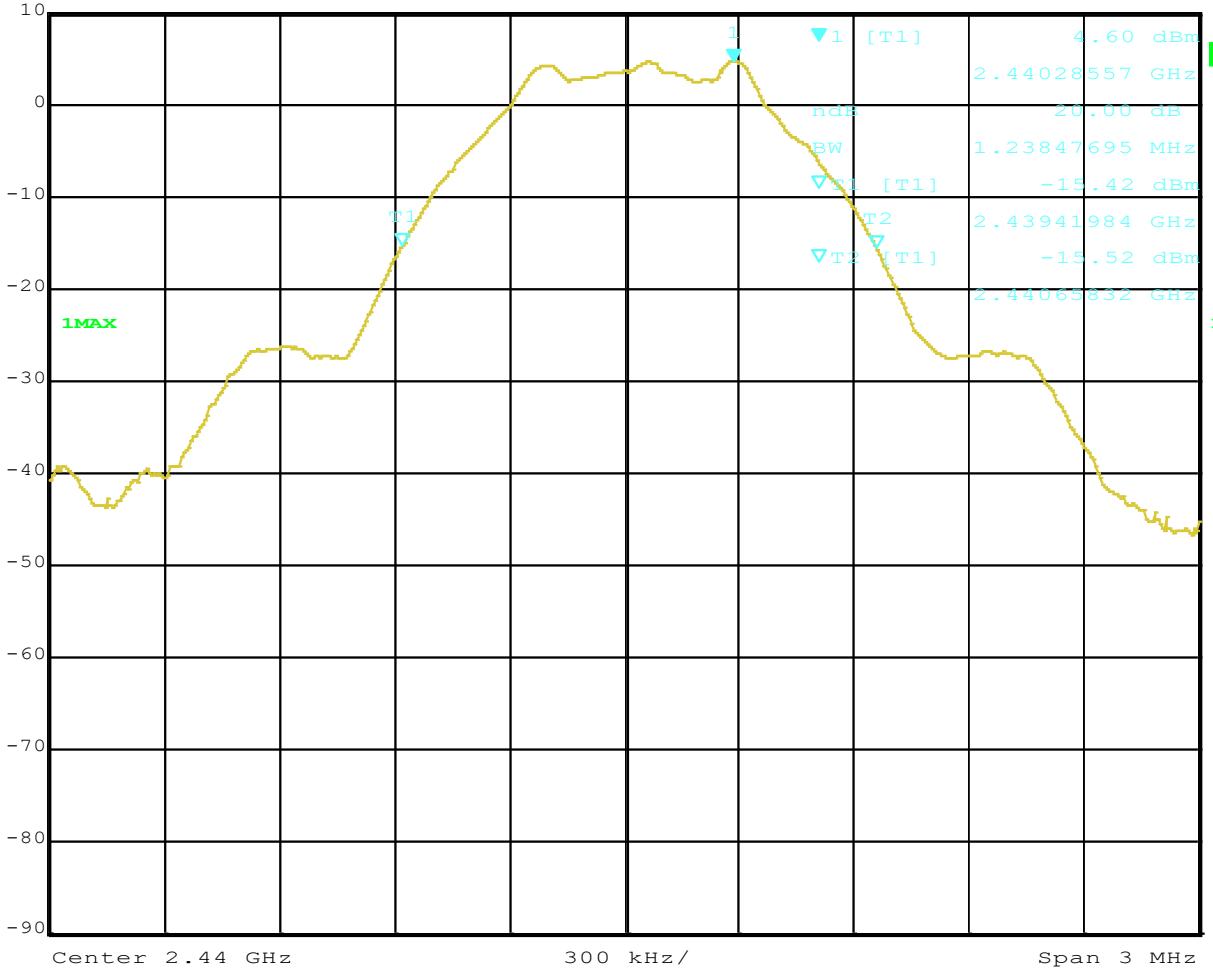


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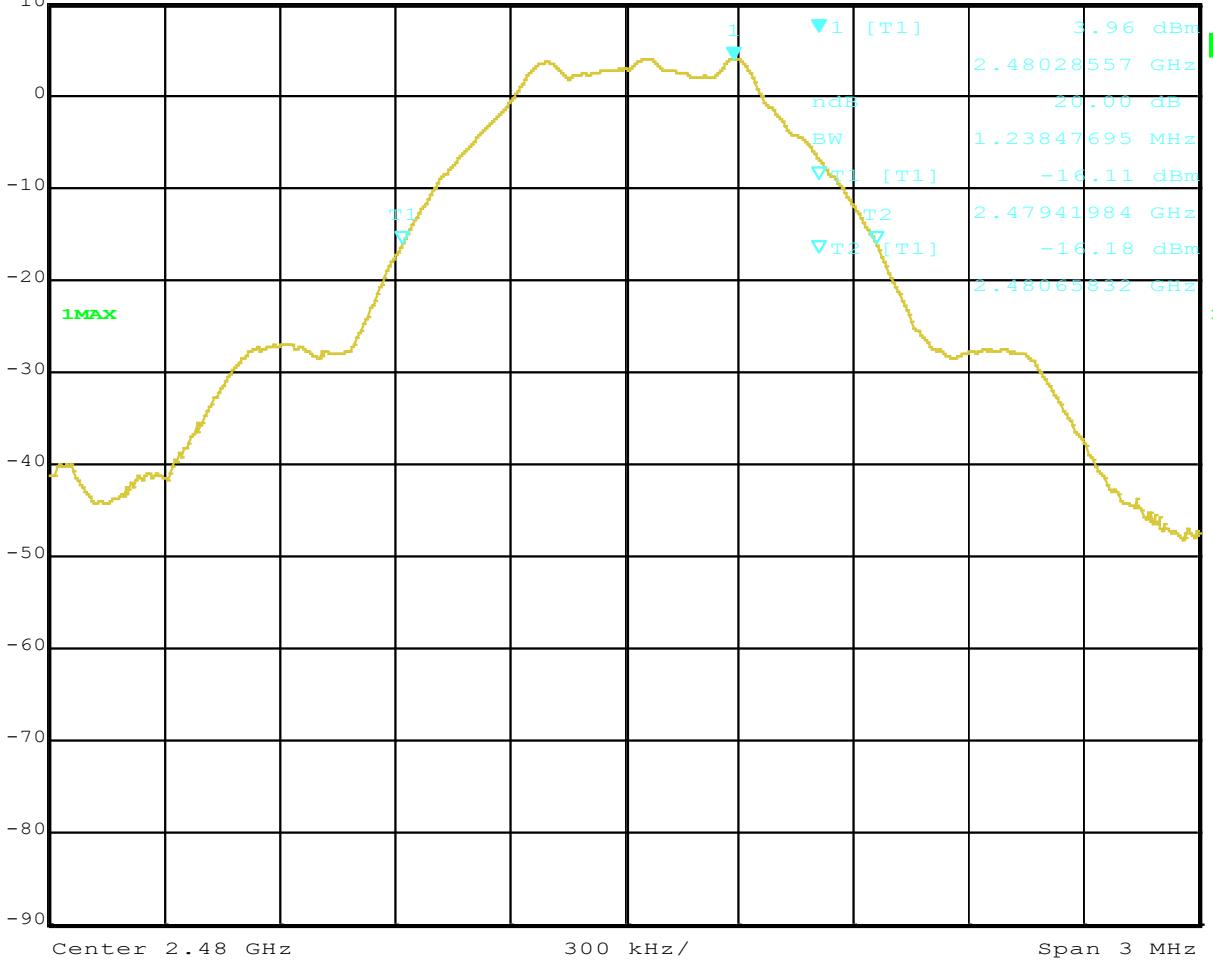
Product:	Commercial Kiosk Tablet	Test Mode:	Keep transmitting														
Mode	Keeping Transmitting	Test Voltage	120V~														
Temperature	24 deg. C,	Humidity	56% RH														
Test Result:	Pass	Detector	PK														
20dB Bandwidth	1.238MHz	--	--														
 Ref Lvl <table> <tr> <td>Marker 1 [T1 ndB]</td> <td>RBW 100 kHz</td> <td>RF Att 20 dB</td> </tr> <tr> <td>ndB 20.00 dB</td> <td>VBW 300 kHz</td> <td></td> </tr> <tr> <td>10 dBm</td> <td>SWT 5 ms</td> <td>Unit dBm</td> </tr> <tr> <td>BW 1.23847695 MHz</td> <td></td> <td></td> </tr> </table>						Marker 1 [T1 ndB]	RBW 100 kHz	RF Att 20 dB	ndB 20.00 dB	VBW 300 kHz		10 dBm	SWT 5 ms	Unit dBm	BW 1.23847695 MHz		
Marker 1 [T1 ndB]	RBW 100 kHz	RF Att 20 dB															
ndB 20.00 dB	VBW 300 kHz																
10 dBm	SWT 5 ms	Unit dBm															
BW 1.23847695 MHz																	
 <p>The graph shows a spectrum analysis plot with the following parameters:            - Center Frequency: 2.44 GHz            - Span: 3 MHz            - RBW: 100 kHz            - VBW: 300 kHz            - SWT: 5 ms            - Reference Level (Ref Lvl): 20.00 dB            - Bandwidth (BW): 1.23847695 MHz            - Markers: T1 (at 2.44028557 GHz, -15.42 dBm), T2 (at 2.43941984 GHz, -15.52 dBm), and T1 (at 2.44069832 GHz, -15.52 dBm).            The plot shows a main emission centered at 2.44 GHz with a power of 20.00 dBm, and a secondary emission at 2.43941984 GHz with a power of -15.42 dBm.</p>																	
Date: 17.MAY.2024 17:25:13																	

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

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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	1.238MHz	--	--														
 Ref Lvl <table> <tr> <td>Marker 1 [T1 ndB]</td> <td>RBW 100 kHz</td> <td>RF Att 20 dB</td> </tr> <tr> <td>ndB 20.00 dB</td> <td>VBW 300 kHz</td> <td></td> </tr> <tr> <td>10 dBm</td> <td>SWT 5 ms</td> <td>Unit dBm</td> </tr> <tr> <td>BW 1.23847695 MHz</td> <td></td> <td></td> </tr> </table>						Marker 1 [T1 ndB]	RBW 100 kHz	RF Att 20 dB	ndB 20.00 dB	VBW 300 kHz		10 dBm	SWT 5 ms	Unit dBm	BW 1.23847695 MHz		
Marker 1 [T1 ndB]	RBW 100 kHz	RF Att 20 dB															
ndB 20.00 dB	VBW 300 kHz																
10 dBm	SWT 5 ms	Unit dBm															
BW 1.23847695 MHz																	
 <p>The graph shows a spectrum analysis plot with the following parameters:            - Center Frequency: 2.48 GHz            - Span: 3 MHz            - RBW: 100 kHz            - VBW: 300 kHz            - SWT: 5 ms            - Reference Level (Ref Lvl): 20.00 dB            - Bandwidth (BW): 1.23847695 MHz            - Peak 1 (T1): 3.96 dBm at 2.48028557 GHz            - Peak 2 (T2): 2.47941984 GHz at -16.11 dBm            - Peak 3 (T3): 2.48069832 GHz at -16.18 dBm            - Maximum Level (1MAX): -3.96 dBm at 2.48028557 GHz            - Minimum Level (1MIN): -48.00 dBm at 2.48028557 GHz</p>																	
Date: 17.MAY.2024 17:27:42																	

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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:



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**11.0** Photo of testing

**11.1** Conducted test View--



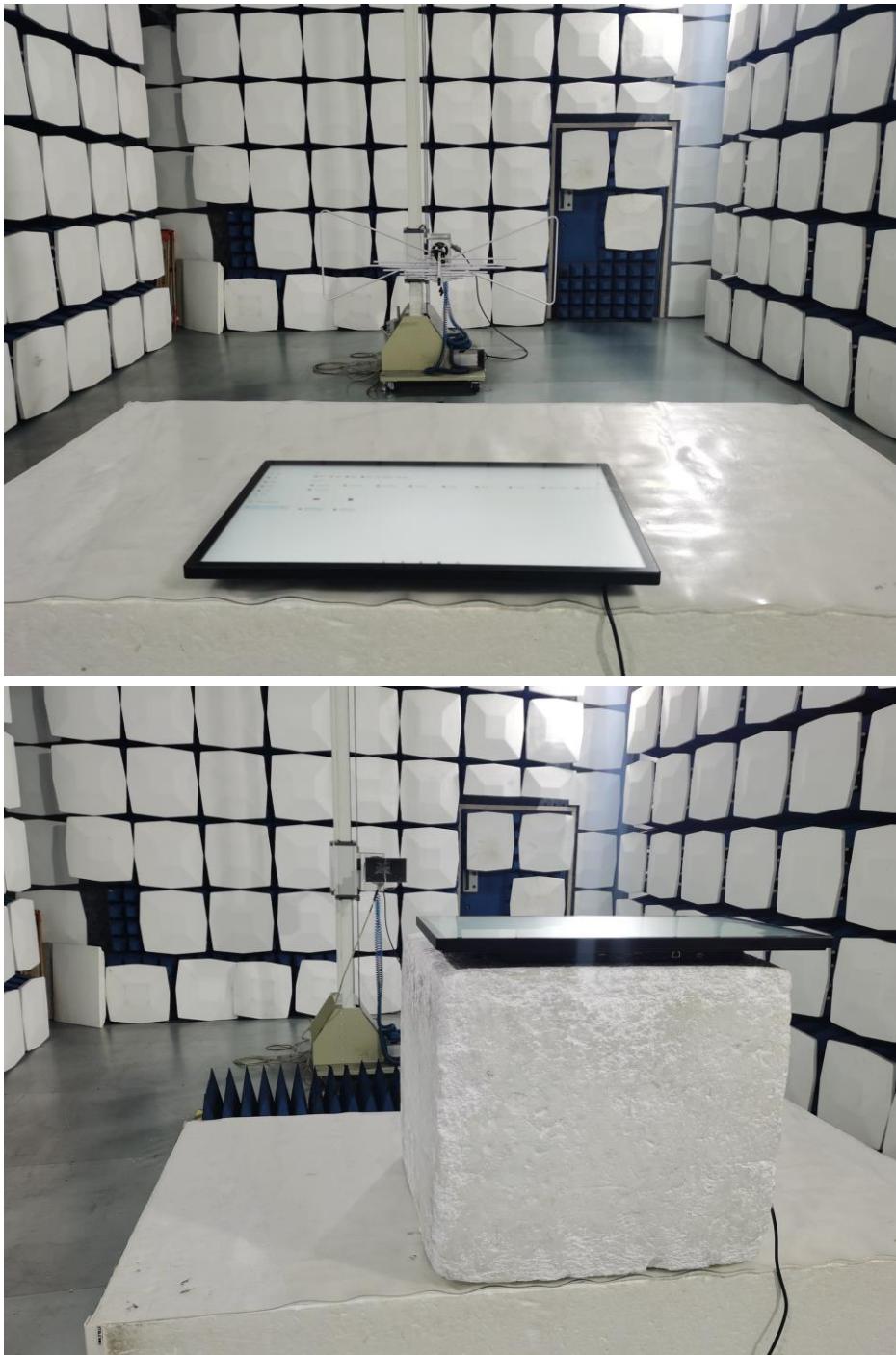
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Radiated emission test view



### Photographs – EUT

Please refer test report TW2405014-01E

**--End of the report--**

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