

File reference No.: 2022-06-21

Applicant: Shenzhen Jingwah Information Technology Co., Ltd.

Product: Tablet PC

Model No.: ST8888, ST8888D, ST8888 CA, ST8888DPK, ST8888DBL

Trademark: Smartab

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: June 21, 2022

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:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

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: 2022-06-21



Test Report Conclusion

Cont	tent
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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: Shenzhen Jingwah Information Technology Co., Ltd.

Address: 6F, Bldg.4, Jinghua Square, No. 168, Zhenzhong Rd., Fuqiang Community, Huaqiangbei,

Futian District, Shenzhen

Telephone: --Fax: --

1.3 Description of EUT

Product: Tablet PC

Manufacturer: Shenzhen Jingwah Information Technology Co., Ltd.

Address: 6F, Bldg.4, Jinghua Square, No. 168, Zhenzhong Rd., Fuqiang Community,

Huaqiangbei, Futian District, Shenzhen

Trademark: Smartab
Additional Trademark: N/A
Model Number: ST8888

Additional Model Name ST8888D, ST8888 CA, ST8888DPK, ST8888DBL

Rating: Input: DC5V, 2A

Battery: DC3.7V, 3500mAh Li-ion battery

Power Supply: Model: TPA-46050200UU

Input: 100-240V~, 50/60Hz, 0.3A; Output: 5V, 2.0A

Modulation Type: GFSK (Bluetooth Low Energy)

Operation Frequency: 2402-2480MHz

Channel Separate: 2MHz Channel Number: 40

Hardware Version: A863K-68T5F

Software Version: ST8888 V01 22061721

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Serial No.: ST8888202205000001

Antenna Designation FPC antenna with gain 1.42dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 pc

1.5 Test Duration

2022-06-07 to 2022-06-21

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	2022-06-17	2023-06-16
LISN	R&S	EZH3-Z5	100294	2022-06-17	2023-06-16
LISN	R&S	EZH3-Z5	100253	2022-06-17	2023-06-16
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2022-06-17	2023-06-16
Loop Antenna	EMCO	6507	00078608	2021-06-18	2024-06-17
Spectrum	R&S	FSIQ26	100292	2022-06-17	2023-06-16
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-07-02	2024-07-01
Horn Antenna	R&S	BBHA 9120D	9120D-631	2021-07-02	2024-07-01
Power meter	Anritsu	ML2487A	6K00003613	2022-06-17	2023-06-16
Power sensor	Anritsu	MA2491A	32263	2022-06-17	2023-06-16
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2021-07-02	2024-07-01
9*6*6 Anechoic			N/A	2021-07-02	2022-07-01
EMI Test Receiver	RS	ESVB	826156/011	2022-06-17	2023-06-16
EMI Test Receiver	RS	ESH3	860904/006	2022-06-17	2023-06-16
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2022-06-17	2023-06-16
Spectrum	HP/Agilent	E4407B	MY50441392	2022-06-17	2023-06-16
Spectrum	RS	FSP	1164.4391.38	2022-01-15	2023-01-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2022-06-17	2023-06-16
RF Cable	Zhengdi	7m		2022-06-17	2023-06-16
RF Switch	EM	EMSW18	060391	2022-06-17	2023-06-16
Pre-Amplifier	Schwarebeck	BBV9743	#218	2022-06-17	2023-06-16
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2022-06-17	2023-06-16
LISN	SCHAFFNER	NNB42	00012	2022-01-05	2023-01-04

2.2 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	l 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

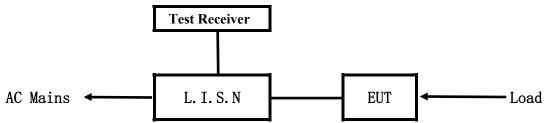
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

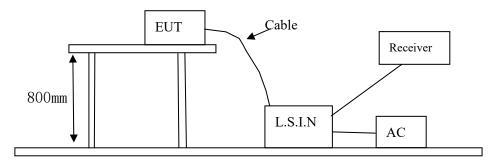


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. 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
Tablet PC Shenzhen Jingwah Information Technology Co., Ltd.	ST8888, ST8888D,		
	Shenzhen Jingwah Information Technology Co., Ltd.	ST8888 CA,	DDD W011W
		ST8888DPK,	RBD-W811W
		ST8888DBL	

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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	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:

Pass

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

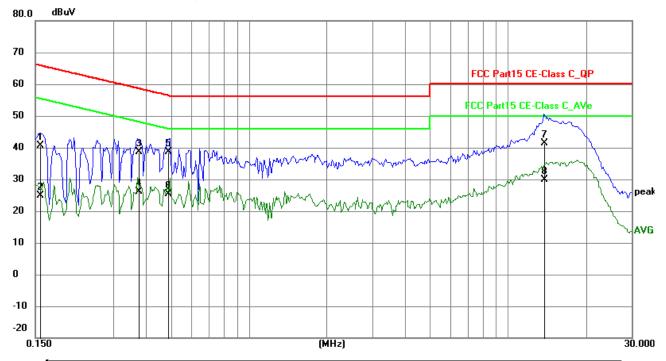
EUT Operating Environment

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	0.1565	30.84	9.78	40.62	65.65	-25.03	QP	Р
2	0.1565	15.03	9.78	24.81	55.65	-30.84	AVG	Р
3	0.3771	28.91	9.76	38.67	58.34	-19.67	QP	Р
4	0.3771	16.47	9.76	26.23	48.34	-22.11	AVG	Р
5	0.4889	28.76	9.77	38.53	56.19	-17.66	QP	Р
6	0.4889	15.58	9.77	25.35	46.19	-20.84	AVG	Р
7	13.7680	30.99	10.33	41.32	60.00	-18.68	QP	Р
8	13.7680	19.63	10.33	29.96	50.00	-20.04	AVG	Р

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

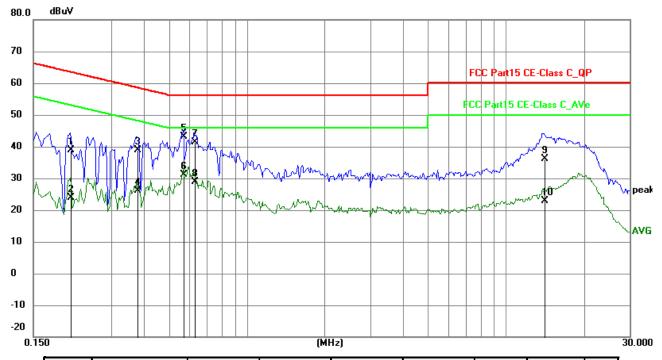
EUT Operating Environment

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	29.05	9.75	38.80	63.26	-24.46	QP	Р
2	0.2085	14.11	9.75	23.86	53.26	-29.40	AVG	Р
3	0.3791	29.19	9.76	38.95	58.30	-19.35	QP	Р
4	0.3791	16.42	9.76	26.18	48.30	-22.12	AVG	Р
5	0.5712	33.36	9.77	43.13	56.00	-12.87	QP	Р
6	0.5712	21.36	9.77	31.13	46.00	-14.87	AVG	Р
7	0.6297	31.69	9.78	41.47	56.00	-14.53	QP	Р
8	0.6297	19.07	9.78	28.85	46.00	-17.15	AVG	Р
9	14.0629	25.76	10.34	36.10	60.00	-23.90	Q Q	Р
10	14.0629	12.57	10.34	22.91	50.00	-27.09	AVG	Р

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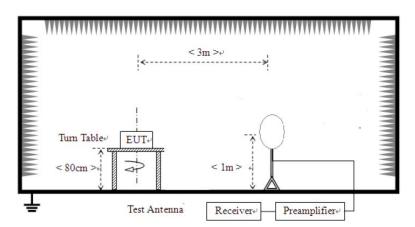


6 Radiated Emission Test

- 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

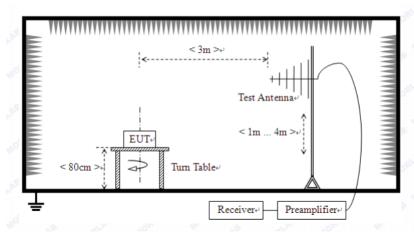
For radiated emissions from 9kHz to 30MHz



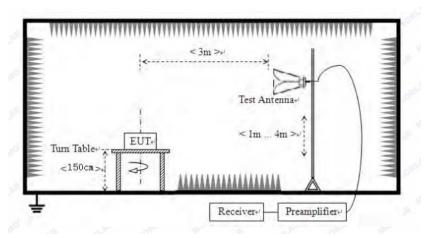
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For radiated emissions from 30MHz to1GHz



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	Field Stre	ength of Fundame	ental (3m)	Field Strength of Harmonics (3m)			
(MHz)	mV/m	dBu	V/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.

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

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
30-88	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 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. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. 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.
- 6. 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.
- 7. Battery fully charged was used during tests.

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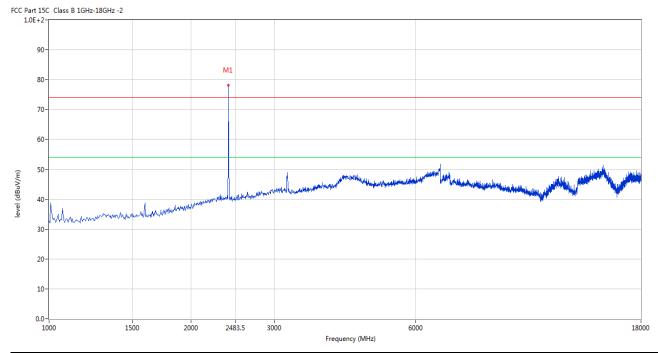


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



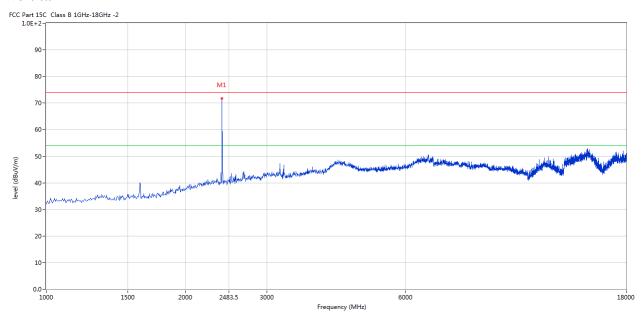
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402	78.71	-3.57	114.0	-35.29	Peak	150.00	100	Horizontal	Pass

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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	2402	72.07	-3.57	114.0	-41.93	Peak	179.00	100	Vertical	Pass

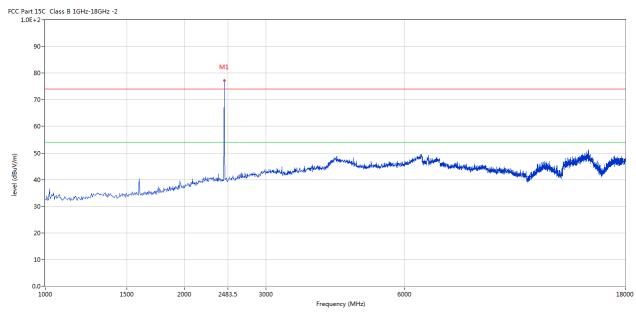
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



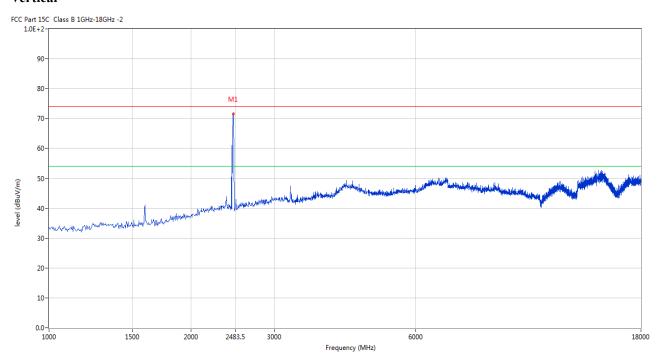
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	77.24	-3.57	114.0	-36.76	Peak	211.00	100	Horizontal	Pass

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Vertical



Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
	1	2440	71.52	-3.57	114.0	-42.48	Peak	255.00	100	Vertical	Pass

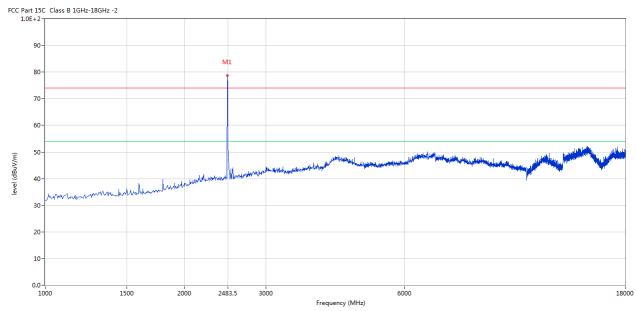
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



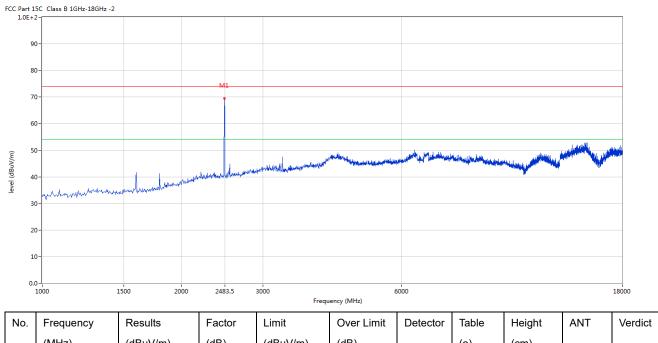
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	1	2480	79.76	-3.57	114.0	-34.24	Peak	208.00	100	Horizontal	Pass

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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	2480	69.72	-3.57	114.0	-44.28	Peak	179.00	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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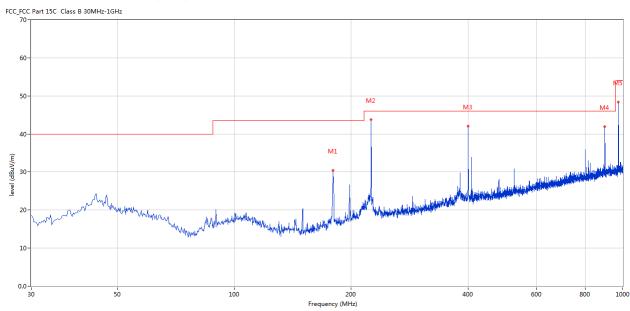


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	179.585	30.45	-15.36	43.5	-13.05	Peak	132.00	200	Horizontal	Pass
2	225.164	43.76	-12.91	46.0	-2.24	Peak	253.00	200	Horizontal	Pass
3	399.963	42.10	-8.57	46.0	-3.90	Peak	275.00	100	Horizontal	Pass
4	899.873	41.96	-1.85	46.0	-4.04	Peak	360.00	200	Horizontal	Pass
5	974.786	48.38	-1.49	54.0	-5.62	Peak	360.00	200	Horizontal	Pass

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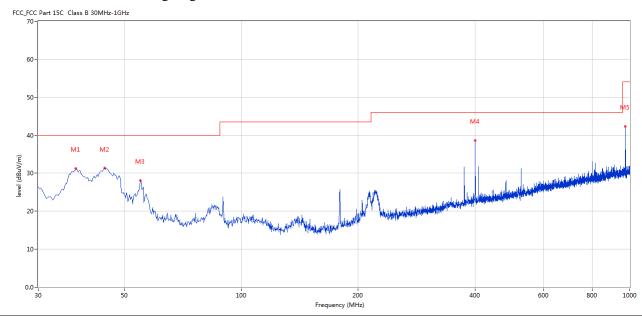


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	37.516	31.24	-12.95	40.0	-8.76	Peak	0.00	100	Vertical	Pass
2	44.546	31.32	-11.44	40.0	-8.68	Peak	360.00	200	Vertical	Pass
3	54.971	28.06	-11.77	40.0	-11.94	Peak	280.00	100	Vertical	Pass
4	399.963	38.67	-8.57	46.0	-7.33	Peak	302.00	100	Vertical	Pass
5	974.786	42.36	-1.49	54.0	-11.64	Peak	360.00	200	Vertical	Pass

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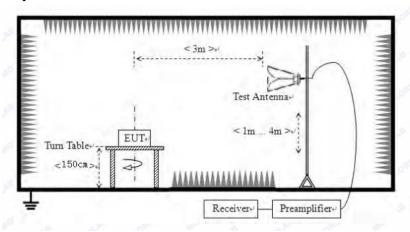


7. Band Edge

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.

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

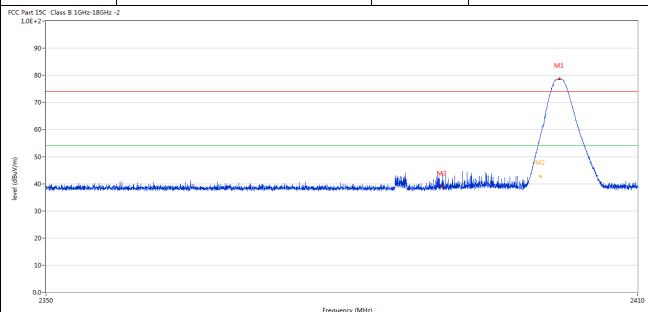
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7.6 Test Result

Product:	Tablet PC	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
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	2401.992	78.63	-3.57	74.0	4.63	Peak	157.00	100	Horizontal	N/A
2	2400.057	57.78	-3.57	74.0	-16.22	Peak	152.00	100	Horizontal	Pass
2**	2400.057	42.61	-3.57	54.0	-11.39	AV	152.00	100	Horizontal	Pass
3	2390.025	39.00	-3.53	74.0	-35.00	Peak	141.00	100	Horizontal	Pass
	1 2 2**	(MHz) 1 2401.992 2 2400.057 2** 2400.057	(MHz) (dBuV/m) 1 2401.992 78.63 2 2400.057 57.78 2** 2400.057 42.61	(MHz) (dBuV/m) (dB) 1 2401.992 78.63 -3.57 2 2400.057 57.78 -3.57 2** 2400.057 42.61 -3.57	(MHz) (dBuV/m) (dB) (dBuV/m) 1 2401.992 78.63 -3.57 74.0 2 2400.057 57.78 -3.57 74.0 2** 2400.057 42.61 -3.57 54.0	(MHz) (dBuV/m) (dB) (dBuV/m) (dB) 1 2401.992 78.63 -3.57 74.0 4.63 2 2400.057 57.78 -3.57 74.0 -16.22 2** 2400.057 42.61 -3.57 54.0 -11.39	(MHz) (dBuV/m) (dB) (dBuV/m) (dB) 1 2401.992 78.63 -3.57 74.0 4.63 Peak 2 2400.057 57.78 -3.57 74.0 -16.22 Peak 2** 2400.057 42.61 -3.57 54.0 -11.39 AV	(MHz) (dBuV/m) (dB) (dB) (o) 1 2401.992 78.63 -3.57 74.0 4.63 Peak 157.00 2 2400.057 57.78 -3.57 74.0 -16.22 Peak 152.00 2** 2400.057 42.61 -3.57 54.0 -11.39 AV 152.00	(MHz) (dBuV/m) (dB) (dBuV/m) (dB) (o) (cm) 1 2401.992 78.63 -3.57 74.0 4.63 Peak 157.00 100 2 2400.057 57.78 -3.57 74.0 -16.22 Peak 152.00 100 2** 2400.057 42.61 -3.57 54.0 -11.39 AV 152.00 100	(MHz) (dBuV/m) (dB) (dBuV/m) (dB) (o) (cm) 1 2401.992 78.63 -3.57 74.0 4.63 Peak 157.00 100 Horizontal 2 2400.057 57.78 -3.57 74.0 -16.22 Peak 152.00 100 Horizontal 2** 2400.057 42.61 -3.57 54.0 -11.39 AV 152.00 100 Horizontal

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Product:			Tablet PC			Detector		Vertical		
	Mode		Keeping Transmitting 24 deg. C,			Test Voltage Humidity		DC3.7V 56% RH		
Te	mperature									
Test Result:			Pass							
Part 1	5C Class B 1GHz-18GHz	-2			1		•			
1.00+2	2-									
90	0-									
80	0-							M:	1	
70	0-								1	
60	0-									
								1	\ \	
								M2	$\overline{}$	
50	0-				1	11.11.11.	والمراز المرازات	M2	$\overline{}$	
		المتعادلية أوراء المتعادلية	Marcolado de designado de la compansión de	والمالية وا				M ₂		بالمالية المالية
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40 30 20	O-tirstishiddi puribbili ar shiding.	indeservatiki, azitude etinebaldi	Misolado dispidante anno po	a dilinin nonkatadik dekendeli	historia de la compania de la compa	d a selected by the selected b		M2	will his	. d. Markel, p de
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40 30 20 10	0-4,1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4			Fr	equency (MHz)				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2410
40 30 20 10	Frequency	Results	Factor	Fre	equency (MHz) Over Limit	Detector	Table	Height	ANT	2410
40 30 20 10	0-4,1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4			Fr	equency (MHz)		Table (o)		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2410 Verdic
40 30 20 10	Frequency	Results	Factor	Fre	equency (MHz) Over Limit			Height	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2410
40 30 20 10 0.0	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	over Limit	Detector	(0)	Height (cm)	ANT	2410 Verdic

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I	Product:		Tab	let PC	Polarity		rity	Horizontal			
	Mode Keeping Tran Temperature 24 deg.			oing Transmitting			Test Voltage		DC3.7V		
Te				leg. C,		Humi	dity	56% RH			
Te	st Result:		F	ass							
C Part 1	5C Class B 1GHz-18GHz 2-	-2									
90	J-		M1								
80	0-										
70	0-										
60	0-		_/								
			/	M2							
44		Marian In the Control of			·		Tan and an		and the second	d	
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30	0-										
20	0-										
10											
10	,-										
0.0)- 2470			2483.5						2500	
No.	Fraguana	Results	Factor	Limit	Frequency (MHz) Over	Detector	Table	Hoight	ANIT	Vord	
NO.	Frequency					Detector		Height	ANT	Verd	
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)	Daale	(0)	(cm)	I lavimant - !	NI/A	
1	2479.748	78.95	-3.57	74.0	4.95	Peak	203.00	100	Horizontal	N/A	
2	2483.422	47.29	-3.57	74.0	-26.71	Peak	209.00	100	Horizontal	Pass	

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]	Product:	Tablet PC				Detecto	or	Vertical		
	Mode		Keeping Transmitting 24 deg. C, Pass			Test Voltage Humidity		DC3.7V 56% RH		
Te	mperature									
Te	est Result:									
CC Part 1	.5C Class B 1GHz-18GHz 2-	-2								
9	0-									
8	0-		M1							
7	0-									
			/							
6	0-									
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3 2 1 0.	o	Results	Factor (dB)	Limit	requency (MHz) Over Limit		Table	Height	ANT	2500
50 50 50 50 50 50 50 50 50 50 50 50 50 5	0		Factor (dB)	Fi	requency (MHz)					

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 FPC antenna with gain 1.42dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

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9.0 20dB Bandwidth N	Measurement				
Product:	Tablet PC		Test Mode:	Keep t	ransmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V		
Temperature	24 deg. C,	Humidity	56	5% RH	
Test Result:	Pass		Detector		PK
20dB Bandwidth	1.220MHz				
Ŕ	Marker 1 [T1 ndB]	RBW	100 kHz	RF Att	20 dB
Ref Lvl	ndB 20.00 dB	VBW	300 kHz		
10 dBm	BW 1.22044088 MHz	SWT	5 ms	Unit	dBm
10			▼ ₁ [T1] -	4.47 dBm
				2.4022	
0		1	ndB	2	0.00 dB
		~~~	BW ▼ _{T1 [T}	1.2204	
-10			V _T [T		4.78 dBm 7174 GHz
		ļ	V _{T2} [T		
-20	T		T2	2.4025	9218 GHz
1MAX	7				1MA
-30				un	
-40					
-50 MM/M/					Month
-60					
-70					
-80					
-90 Center 2.40	2 GHz 300 }	<hz <="" td=""><td></td><td>Sp</td><td>an 3 MHz</td></hz>		Sp	an 3 MHz
Date: 21.JU	JN.2022 10:38:10			_	

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Product:	Tablet PC	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.220MHz		
Ref Lvl	Marker 1 [T1 ndB] ndB 20.00 dB	RBW 100 kHz VBW 300 kHz	
10 dBm	BW 1.22044088 MHz	SWT 5 ms	Unit dBm
0		▼1 ['	71] -4.23 dBm A 2.43997295 GHz 20.00 dB
-10		$ ho_{\mathrm{T}}$	1.22044088 MHz [T1] -24.13 dBm 2.43937174 GHz
-20	T	▼ _{T2}	[T1] -24.22 dBm 2.44059218 GHz 1MA
-30			
-40			
-50			The state of the s
-60			
-70			
-90			
Center 2	.44 GHz 300	kHz/	Span 3 MHz

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Product:	Т	Cablet PC		Test Mode:		Keep transmitting		
Mode	Keepin	g Transmitting		Test Voltage	2	DC3.7V		
Temperature	24 deg. C, Pass			Humidity		56% RH		
Test Result:				Detector		I	PK	
20dB Bandwidth	1.214MHz							
Ref Lvl	Marker ndB	1 [T1 ndB] 20.00 dB	RB VB			F Att	20 dB	
10 dBm	BW	L.21442886 MHz	SW	/T 5 π	ns Un	nit	dBm	ı
10				<b>V</b> 1	[T1]	-4 2.48021	.52 dBm 944 GHz	A
0				ndF BW V _T :	[T1]	20 1.21442	.00 dB 886 MHz .54 dBm	
-10				V _T		2.47937		
-20 1MAX	Ţ			Ţ	2	2.48058	617 GHz	1MA
-30								
-40								
-50							my man	
-60								
-70								
-80								
-90	1.2					_		
Center 2 Date: 14	.48 GHz 4.JUN.2022 16		kHz/			Spa	n 3 MHz	

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### 10.0 FCC ID Label

#### FCC ID: RBD-W811W

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

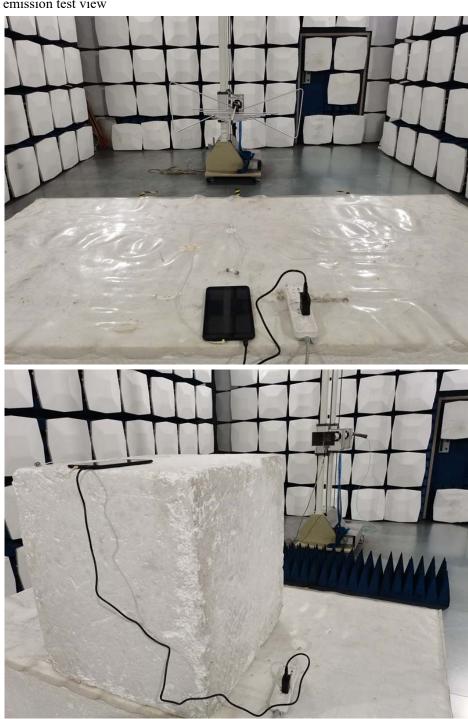
#### 11.1 Conducted test View--



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# Radiated emission test view



# Photographs – EUT

Please refer test report TW2206057-01E

# -- End of the report--

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

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