FCC PART 15E TEST REPORT FOR CERTIFICATION On Behalf of

Chunghsin Technology Group CO.,LTD

10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD

Model Number: ONA19TB007

Additional Model: 100005209

FCC ID: 2AE2WT1016M

Prepared for:	Chunghsin Technology Group CO.,LTD			
	No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY,			
	ZHEJIANG, CHINA			
Prepared By:	EST Technology Co., Ltd.			
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China			
Tel: 86-769-83081888-808				

Report Number:	ESTE-R1901074-1
Date of Test:	Apr. 19~May 13, 2019
Date of Report:	May 15, 2019

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EST Technology Co., Ltd.

	EST Technology Co., Etu.					
Applicant: Address:	Chunghsin Technology Group CO.,LTD No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY, ZHEJIANG, CHINA					
Manufacturer: Address:	Chunghsin Technology Group CO.,LTD No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY, ZHEJIANG, CHINA					
E.U.T:	10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD					
Model Number:	ONA19TB007					
Additional Model:	100005209 (They are identical except model name only)					
Power Supply:	DC 5V From Adapter Input AC 100~240V, 50/60Hz, 0.3A DC 3.7V From battery					
Test Voltage:	DC 5V From Adapter Input AC 120V/60Hz, 0.3A DC 5V From Adapter Input AC 240V/50Hz, 0.3A					
Trade Name:	onn. Serial No.:					
Date of Receipt:	Apr. 19, 2019 Date of Test: Apr. 19~May 13, 2019					
Test Specification:	FCC Rules and Regulations Part 15 Subpart E:2018 ANSI C63.10:2013					
Test Result:	The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart E requirements.					
	This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. Date: May 15, 2019					
Prepared by:	Reviewed by: Approved by:					

Ring / Assistant

Tony / Engineer

Other Aspects:

This report base on the previous report with report number: ESTE-R1901074, a new model number and two IC, two keyboard are add in this report.(IC model: SMTJ9A6ZZ5D6DKFRL-107BT PA071-107BT and SMTJ96VZZ7D6EKKFB-107FT

PA054-107BT/FT); (Keyboard Model: PT022 K-SH6 and SP1215KB V10)

Abbreviations: OK/P=passed

fail/F=failed

n.a/N=not applicable

E.U.T=equipment under tested

This test report is based on a single evaluation of one sample of above mentioned products, It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Product Name	:	10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD
FCC ID	:	2AE2WT1016M
Model Number	:	ONA19TB007
Operation frequency	:	UNII Band I:
		IEEE 802.11a: 5180 ~ 5240MHz;
		IEEE 802.11n HT20: 5180 ~ 5240MHz;
		IEEE 802.11n HT40: 5190 ~ 5230MHz;
		UNII Band II:
		IEEE 802.11a: 5260 ~ 5320MHz;
		IEEE 802.11n HT20: 5260 ~ 5320MHz;
		IEEE 802.11n HT40: 5270 ~ 5310MHz;
		UNII Band III:
		IEEE 802.11a: 5500 ~ 5700MHz;
		IEEE 802.11n HT20: 5500 ~ 5700MHz;
		IEEE 802.11n HT40: 5510 ~ 5670MHz;
		UNII Band IV:
		IEEE 802.11a: 5745 ~ 5825MHz;
		IEEE 802.11n HT20: 5745 ~ 5825MHz;
		IEEE 802.11n HT40: 5755 ~ 5795MHz;
Number of channel	:	UNII Band I:
		EEE 802.11a / n HT20
		IEEE 802.11n HT40
		UNII Band II:
		IEEE 802.11a / n HT20
		IEEE 802.11n HT40
		UNII Band III:
		IEEE 802.11a / n HT20
		IEEE 802.11n HT40
		UNII Band IV:
		IEEE 802.11a / n HT20
		IEEE 802.11n HT40

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Modulation	:	OFDM(QPSK, BPSK	, 16-QAM, 64-QAM,256-QAM)					
Transmit Data Rate	:	IEEE 802.11a: 54, 48	, 36, 24, 18, 12, 9, 6Mbps;					
		IEEE 802.11n HT20:	14.4, 28.9, 43.3, 57.8, 86.7, 115.6, 130.0,					
		144.4 Mbps;						
		IEEE 802.11n HT40:	30, 60, 90, 120, 180, 240, 270, 300 Mbps;					
Channels Spacing	:	IEEE 802.11a: 20MH	Z;					
1 0		IEEE 802.11n HT20:	IEEE 802.11n HT20: 20MHz;					
		IEEE 802.11n HT40:	40MHz;					
Antenna	:	Internal antenna						
		Frequency Range	Antenna					
		5150~5875 MHz	1.5 dBi					
		3130~38/3 WITZ	1.3 UD I					
		Note: Bluetooth uses	Antenna					
		11a,b,g,n, uses	Antenna					
Transmit Power	:	UNII Band I:						
		IEEE 802.11a: 4 Char	nnels;					
		IEEE 802.11n HT20:	4 Channels;					
		IEEE 802.11n HT40:	2 Channels.					
		UNII Band II:						
		IEEE 802.11a: 4 Char	,					
		IEEE 802.11n HT20:						
		IEEE 802.11n HT40:	2 Channels.					
		UNII Band III:						
		IEEE 802.11a: 8 Char	· · · · · · · · · · · · · · · · · · ·					
		IEEE 802.11n HT20:						
		IEEE 802.11n HT40:	3 Channels.					
		UNII Band IV:						
		IEEE 802.11a: 5 Char	,					
		IEEE 802.11n HT20:						
		IEEE 802.11n HT40:	2 Channels.					
Sample Type	:	Prototype production						

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2. SUMMARY OF TEST

2.1. Test methodology.

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 Radiated testing was performed at an antenna to EUT distance 3 meters. The tests documented in this report were performed in accordance with ANSI C63.10: 2013 and FCC CFR 47 Part 15.207, 15.209, 15.407 and FCC 14-30. Radio testing was performed according to KDB DA 02-2138、KDB 789033 D02、KDB 905462 D06.

2.2. Summary of test result

Description of Test Item	Standard	Results
99%, 6dB and 26dB Bandwidth	FCC Part 15: 407(a) FCC Part 15: 407(e)	N/A
Maximum Conducted Output Power	FCC Part 15: 407(a)	N/A
Peak Power Spectral Density	FCC Part 15: 407(a)	N/A
Radiated Spurious Emissions	FCC Part 15: 407(b)	PASS
Conducted Unwanted Emissions	FCC Part 15: 407(b)	N/A
Band Edge Measurement	FCC Part 15: 407(b)	N/A
Frequency Stability	FCC Part 15: 407(g)	N/A
Power Line Conducted Emissions	FCC Part 15: 207 FCC Part 15: 407(b)(6)	N/A
Antenna requirement	FCC Part 15: 203 FCC Part 15: 407(a)	N/A

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2.3. Test Facilities

EMC Lab

: Certificated by CNAS, CHINA

Registration No.: L5288

Date of registration: November 13, 2017

Certificated by FCC, USA Designation Number: CN1215

Test Firm Registration Number: 722932 Date of registration: November 21, 2017

Certificated by A2LA, USA Registration No.: 4366.01

Date of registration: November 07, 2017

Certificated by Industry Canada CAB identifier No.: CN0035

Date of registration: January 04, 2019

Certificated by VCCI, Japan

Registration No.: R-13663; C-14103 Date of registration: July 25, 2017

This Certificate is valid until: July 24, 2020

Certificated by TUV Rheinland, Germany Registration No.: UA 50413872 0001 Date of registration: July 31, 2018

Certificated by TUV/PS, Shenzhen

Registration No.: SCN1017

Date of registration: January 27, 2011

Certificated by Intertek ETL SEMKO Registration No.: 2011-RTL-L2-64 Date of registration: April 28, 2011

Certificated by Nemko, Hong Kong

Registration No.: 175193

Date of registration: May 4, 2011

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong,

China



2.4. Measurement uncertainty for EST Technology Co., Ltd.

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.54dB
Uncertainty for Radiation Emission test (30MHz-1GHz)	3.62
Uncertainty for Radiation Emission test (1GHz to 18GHz)	4.86
Uncertainty for spurious emissions test (18GHz to 40GHz)	4.67
Uncertainty for radio frequency	7×10-8
Uncertainty for conducted RF Power	0.20dB
Uncertainty for Power density test	0.26dB
Temperature	±0.6°C
Humidity	±4.0 %
Volatage DC	±1.0%
Volatage (AC, <10KHz)	±1.5%

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

2.5. Assistant equipment used for test

2.5.1. Router (Master)

Manufacturer LINKSYS

M/NWRT3200ACM FCC ID Q87-WRT3200ACM IC 3839A-WRT3200ACM

S/N 1981060A621419 MAC 6038E0B87B20

2.5.2. Notebook

Manufacturer **DELL**

M/N Laititude E6420 M/N: DA90PM111 Adapter

2.5.3. Adapter

Manufacturer onn

M/NBSY01J3050200U U

Input AC 100-240V, 50/60Hz, 0.3A

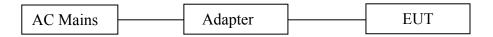
Output DC 5.0V, 2.0A

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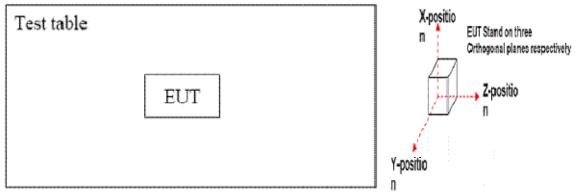


2.6. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground. EUT was be set into TX test mode by software before test.



(EUT: 10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD)



Note: We test X-axis, Y-axis, and Z-axis,. The Y-axis is the worst mode, so only theworst mode test data was included in the report.

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2.7. Test mode

The test software was used to control EUT work in Continuous TX mode, and select test channel, wireless mode

Band	Mode	Channel	Frequency (MHz)	Data rate (Mbps)
	IEEE 002 11 - 0 HT20	Low	5180	6
	IEEE 802.11a & n HT20	Middle	5200	6
UNII Band I	VHT20: 5180-5240MHz	High	5240	6
	IEEE 802.11n HT40	Low	5190	13.5
	: 5180-5240MHz	High	5230	13.5
	IEEE 802.11a & n HT20:	Low	5260	6
	5260-5320MHz	Middle	5300	6
UNII Band II	3200-3320WITZ	High	5320	6
	IEEE 802.11n HT40:	Low	5270	13.5
	5270-5310MHz	High	5310	13.5
	IEEE 802.11a & n HT20:	Low	5500	6
	5500-5700MHz	Middle	5580	6
UNII Band III	3300-3700WH1Z	High	5700	6
	IEEE 802.11n HT40:	Low	5510	13.5
	5510-5670	High	5670	13.5
	IEEE 802.11a & n HT20:	Low	5745	6
	5745-5825MHz	Middle	5785	6
UNII Band IV	3743-3623WIIIZ	High	5825	6
	IEEE 802.11n HT40:	Low	5755	13.5
	5755-5795MHz	High	5795	13.5



2.8. Channel List

Band	Mode	Channel	Frequency (MHz)
		36	5180
	IEEE 802.11a & n HT20:	40	5200
IDIII D 1 I	5180-5240MHz	36 36 36 36 36 36 36 36	5220
UNII Band I		48	5240
	IEEE 802.11n HT40:	38	5190
	5180-5240MHz	46	5230
		52	5260
	IEEE 802.11a & n HT20:	56	5280
I INII Dand II	5260-5320MHz	60	5300
UNII Bang II		64	5320
	IEEE 802.11n HT40:	54	5270
	5270-5310MHz	62	5310
		100	5500
		104	5520
		108	5540
	IEEE 802.11a & n HT20:	112	5560
	5500-5700MHz	116	5580
UNII Band III		132	5660
		136	5680
		36 2.11a & n HT20: 40 0-5240MHz 44 48 802.11n HT40: 38 0-5240MHz 46 52 2.11a & n HT20: 56 0-5320MHz 60 64 802.11n HT40: 54 0-5310MHz 62 100 104 108 2.11a & n HT20: 112 0-5700MHz 116 132 136 140 108 132 136 140 108 102 102 102 102 103 104 108 102 102 103 104 108 102 103 104 105	5700
	HEEE 000 11 HEE	102	5510
		110	5550
	5510-5670	134	5670
		149	5745
	1000 11 2 17722		5765
	IEEE 802.11a & n HT20:	64 5320 54 5270 62 5310 100 5500 104 5520 108 5540 112 5560 116 5580 132 5660 136 5680 140 5700 102 5510 110 5550 134 5670 149 5745 153 5765 157 5785 161 5805 165 5825 151 5755	
UNII Band IV	5745-5825MHz		56 5280 60 5300 64 5320 54 5270 62 5310 100 5500 104 5520 108 5540 112 5560 136 5680 136 5680 140 5700 102 5510 110 5550 134 5670 149 5745 153 5765 157 5785 161 5805 165 5825 151 5755
	IEEE 802.11n HT40:		
	5755-5795MHz		



2.9. Test Equipment For EST Technology Co., Ltd.

2.9.1. For conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Calibration	Last Cal.	Next Cal.
				Body		
EMI Test Receiver	Rohde	ESHS30	832354	CEPREI	June 15,18	1 Year
	& Schwarz					
Artificial Mains Network	Rohde	ENV216	101260	CEPREI	June 15,18	1 Year
	& Schwarz					
Pulse Limiter	Rohde	ESH3-Z2	101100	CEPREI	June 15,18	1 Year
	& Schwarz					
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.2. For radiated emission test(9 kHz-30MHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration	Last Cal.	Next Cal.
				Body		
EMI Test	Rohde	ESR7	101780	CEPREI	June 15,18	1 Year
Receiver	& Schwarz					
Active Loop Antenna	SCHWAREB	FMZB 1519B	1519B-088	N/A	Aug. 01,18	1 Year
	ECK					
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.3. For radiated emissions test (30-1000MHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration	Last Cal.	Next Cal.
				Body		
EMI Test	Rohde	ESR7	101780	CEPREI	June 15,18	1 Year
Receiver	& Schwarz					
Bilog Antenna	Teseq	CBL 6111D	27090	CEPREI	June 15,18	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.4. For radiated emission test(above 1GHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration	Last Cal.	Next Cal.
				Body		
Horn Antenna	SCHWARZB	BBHA 9120 D	BBHA912	CEPREI	June 18,18	1 Year
	ECK		0D1002			
Horn Antenna	SCHWARZB	BBHA9170	BBHA917	CEPREI	June 18,18	1Year
	ECK		0242			
Signal Amplifier	SCHWARZB	BBV9718	9718-212	CEPREI	June 18,18	1 Year
	ECK					
Spectrum Analyzer	Rohde	FSV	103173	CEPREI	June 15,18	1 Year
	&Schwarz					
PSA Series Spertrum	Agilent	E4447A	MY50180	CEPREI	June 15,18	1Year
Analyzer			031			
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

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2.9.5. For DFS and connect EUT antenna terminal test

Equipment	Manufacturer	Model No.	Serial No.	Calibration	Last Cal.	Next Cal.
		,		Body		
TS 8997	Rohde	/	/	/	/	/
	&Schwarz					
Open Switch and	Rohde	OSP-B157WB	101309	CEPREI	June 15,18	1Year
Control Unit	&Schwarz					
Signal and	Rohde	FSV	103173	CEPREI	June 15,18	1 Year
Spectrum Analyzer	&Schwarz					
Signal Generator	Rohde	SMB100A	108752	CEPREI	June 15,18	1 Year
	&Schwarz					
Vector Signal	Rohde	SMBV100A	260753	CEPREI	June 15,18	1Year
Generator	&Schwarz					
Test Software	Rohde	WMS32	V10.40.00	N/A	N/A	N/A
	&Schwarz					
Constant Analysis	A cilout	E4409D	MY44211	CEDDEI	June 15 10	1 Vaan
Spectrum Analyzer	Agilent	E4408B	139	CEPREI	June 15,18	1 Year
Temperature controller	DK	DK70A	006562	Tiansu	June 03,18	1 Year
AC Source	CHANGJIA	3KV	EST215-0	N/A	N/A	N/A
	NG		07			

EST,

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3. RADIATED SPURIOUS EMISSIONS

3.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209&15.407(b), all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 &15.407(b)limits.

15.205 Restricted frequency band

MHz	MHz MHz		GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

15.209 &15.407(b) Limit

Frequency (MHz)	Field Strength(μV/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark : (1) Emission level $dB\mu V = 20 \log Emission level \mu V/m$

- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

5150 MHz - 5250 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)

5250 MHz - 5350 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)

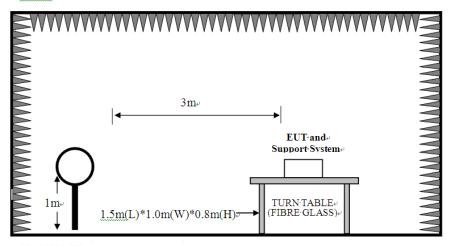
5470 MHz - 5725 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)

5725 MHz - 5850 MHz : all emissions shall be limited to a level of -27 dBm/Mhz at 75Mhz or more above or below the band edge increasing linearly to 10dBm/Mhz at 25 Mhz above or below the band edge ,and from 25Mhz above or below the band edge increasing linearly to to a level of 15.6 dBm/Mhz at 5MHz above or below the band edge ,and from 5Mhz above or below the band edge increasing linearly to a level of 27 dBm/Mhz at the band edge.

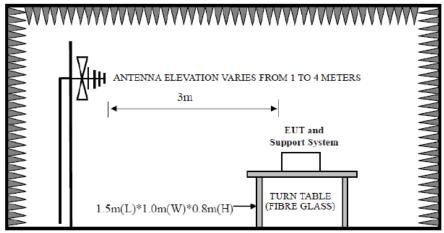


3.2. Block Diagram of Test setup

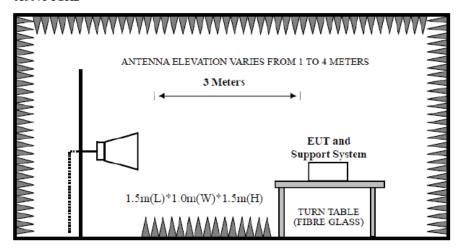
9kHz~30MHz



30~1000MHz



Above 1GHz



3.3. Test Procedure

EUT was placed on a turn table, which is 0.8 meter high above ground for 9kHz~1000MHz test, and which is 1.5 meter high above ground for above 1GHz test. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

The test frequency analyzer system was set to Peak Detect (300Hz RBW in 9kHz to 150kHz and 10kHz RBW in 150kHz to 30MHz) Function and Specified Bandwidth with Maximum Hold Mode.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

PEAK detector, 1MHz/1MHz for PAEK measurement, PEAK detector, 1MHz/10Hz for Average measurement

The frequency range from 9 kHz to 10th harmonic are checked.

3.4. Test Result

Pass

Note: 1. For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

2、 The frequency 5180MHz 、5190MHz、5200MHz、5230 MHz、5240 MHz、5260 MHz、5270 MHz、5300 MHz、5310 MHz、5320 MHz、5500 MHz、5510 MHz、5580 MHz、5670 MHz、5700 MHz、5745 MHz、5755 MHz、5785 MHz、5795 MHz、5825MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.



3.5. Test Data

9 kHz – 30 MHz

Pass

Note: The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

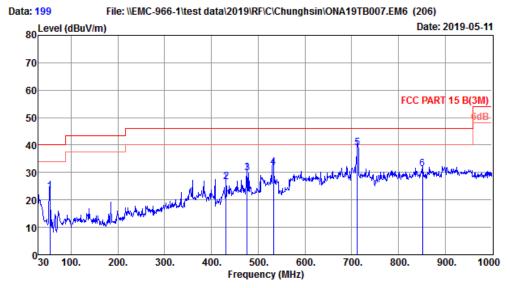


30 MHz - 1000 MHz

EST Technology

Chilingxiang, Qishantou, Santun, Houjie, Dongguan,Guangdong,China Tel:+86-769-83081888

Fax:+86-769-83081878



Site no. : 1# 966 Chamber Data no. : 199
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:25.4'; Humi:74%; Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET
WITH DETACHABLE KEYBOARD

Power : DC 5V From Adapter Input AC 120V/60Hz

M/N : ONA19TB007 Test Mode : TX Mode KEYBOARD : PT022 K-SH6

IC : SMTJ9A6ZZ5D6DKFRL-107BT PA071-107BT

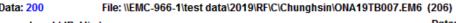
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	54.25	6.40	0.34	16.28	23.02	40.00	16.98	QP
2	431.58	16.80	2.35	7.35	26.50	46.00	19.50	QP
3	476.20	17.08	2.62	10.14	29.84	46.00	16.16	QP
4	532.46	18.94	2.79	10.16	31.89	46.00	14.11	QP
5	711.91	21.60	3.37	13.87	38.84	46.00	7.16	QP
6	851.59	23.32	3.72	4.29	31.33	46.00	14.67	QP

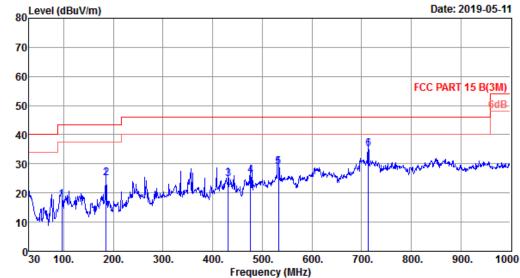
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

- 2. Margin= Limit Emission Level.
- 3. The emission levels that are 20dB below the official limit are not reported.



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Site no. : 1# 966 Chamber Data no. : 200
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:25.4'; Humi:74%; Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET

WITH DETACHABLE KEYBOARD

Power : DC 5V From Adapter Input AC 120V/60Hz

M/N : ONA19TB007 Test Mode : TX Mode KEYBOARD : PT022 K-SH6

IC : SMTJ9A6ZZ5D6DKFRL-107BT PA071-107BT

	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	95.96	9.54	0.82	7.28	17.64	43.50	25.86	QP
2	185.20	9.30	1.23	14.62	25.15	43.50	18.35	QP
3	431.58	16.80	2.35	5.79	24.94	46.00	21.06	QP
4	476.20	17.08	2.62	6.28	25.98	46.00	20.02	QP
5	532.46	18.94	2.79	7.25	28.98	46.00	17.02	QP
6	713.85	21.60	3.37	10.17	35.14	46.00	10.86	QP

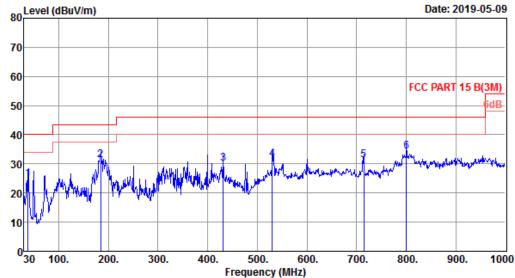
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

- 2. Margin= Limit Emission Level.
- 3. The emission levels that are 20dB below the official limit are not reported.



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: 1# 966 Chamber Site no. Data no. : 201 : 3m 37062 Dis. / Ant. Ant. pol. : HORIZONTAL

Limit : FCC PART 15 B (3M)

Env. / Ins. : Temp:25.4';Humi:74%;Press:101.52kPa

Engineer : Tea

: 10.1 ANDROID TABLET EUT WITH DETACHABLE KEYBOARD

: DC 5V From Adapter Input AC 120V/60Hz Power

: ONA19TB007 M/N Test Mode : TX Mode : SP1215KB_V10 KEYBOARD

: SMTJ9A6ZZ5D6DKFRL-107BT PA071-107BT

	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	37.76	14.20	0.19	10.45	24.84	40.00	15.16	QP
2	184.23	9.32	1.22	20.86	31.40	43.50	12.10	QP
3	431.58	16.80	2.35	10.84	29.99	46.00	16.01	QP
4	530.52	18.85	2.78	10.08	31.71	46.00	14.29	QP
5	714.82	21.60	3.39	6.31	31.30	46.00	14.70	QP
6	800.18	22.80	3.58	7.95	34.33	46.00	11.67	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

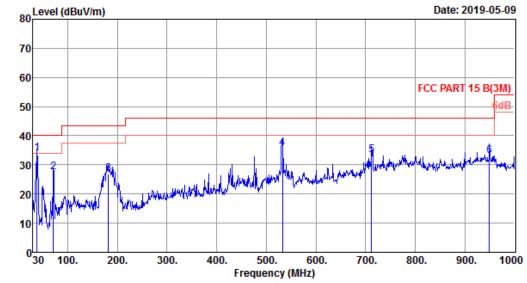
2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.



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Site no. : 1# 966 Chamber Data no. : 202
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:25.4'; Humi:74%; Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET

WITH DETACHABLE KEYBOARD

Power : DC 5V From Adapter Input AC 120V/60Hz

M/N : ONA19TB007 Test Mode : TX Mode KEYBOARD : SP1215KB_V10

IC : SMTJ9A6ZZ5D6DKFRL-107BT PA071-107BT

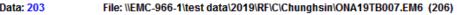
	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	37.76	14.20	0.19	19.63	34.02	40.00	5.98	QP
2	70.74	6.24	0.57	20.75	27.56	40.00	12.44	QP
3	182.29	9.36	1.22	16.28	26.86	43.50	16.64	QP
4	532.46	18.94	2.79	14.07	35.80	46.00	10.20	QP
5	711.91	21.60	3.37	8.29	33.26	46.00	12.74	QP
6	949.56	24.60	4.53	4.02	33.15	46.00	12.85	QP

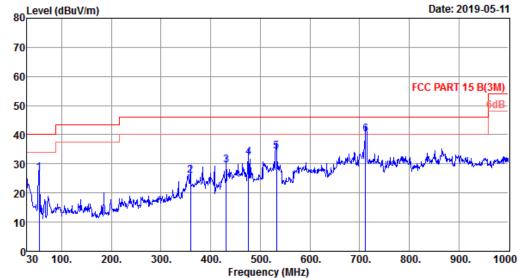
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

- 2. Margin= Limit Emission Level.
- 3. The emission levels that are 20dB below the official limit are not reported.



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Site no. : 1# 966 Chamber Data no. : 203
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:25.4'; Humi:74%; Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET

WITH DETACHABLE KEYBOARD

Power : DC 5V From Adapter Input AC 120V/60Hz

M/N : ONA19TB007 Test Mode : TX Mode KEYBOARD : PT022 K-SH6

IC : SMTJ96VZZ7D6EKKFB-107FT PA054-107BT/FT

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	54.25	6.40	0.34	20.09	26.83	40.00	13.17	QP
2	359.80	15.40	2.16	8.53	26.09	46.00	19.91	QP
3	431.58	16.80	2.35	10.32	29.47	46.00	16.53	QP
4	476.20	17.08	2.62	12.33	32.03	46.00	13.97	QP
5	532.46	18.94	2.79	12.39	34.12	46.00	11.88	QP
6	711.91	21.60	3.37	15.23	40.20	46.00	5.80	QP

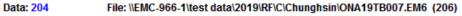
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

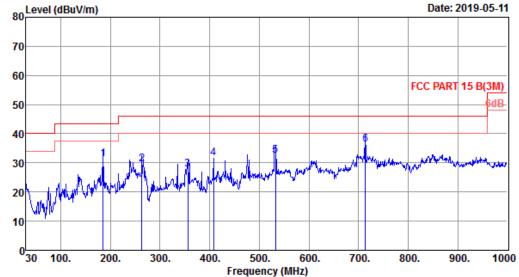
2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.



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: 1# 966 Chamber Site no. Data no. : 204 : 3m 37062 Dis. / Ant. Ant. pol. : HORIZONTAL

Limit : FCC PART 15 B (3M)

Env. / Ins. : Temp:25.4';Humi:74%;Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET WITH DETACHABLE KEYBOARD

: DC 5V From Adapter Input AC 120V/60Hz Power

: ONA19TB007 M/N : TX Mode Test Mode KEYBOARD : PT022 K-SH6

: SMTJ96VZZ7D6EKKFB-107FT PA054-107BT/FT

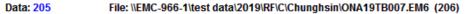
	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	185.20	9.30	1.23	20.69	31.22	43.50	12.28	QP
2	263.77	13.54	1.71	14.18	29.43	46.00	16.57	QP
3	355.92	15.36	2.14	10.39	27.89	46.00	18.11	QP
4	408.30	16.26	2.10	13.30	31.66	46.00	14.34	QP
5	532.46	18.94	2.79	10.85	32.58	46.00	13.42	QP
6	713.85	21.60	3.37	11.48	36.45	46.00	9.55	QP

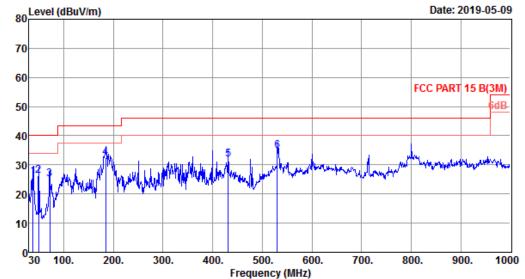
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

- 2. Margin= Limit Emission Level.
- 3. The emission levels that are 20dB below the official limit are not reported.



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: 1# 966 Chamber Site no. Data no. : 205 : 3m 37062 Dis. / Ant. Ant. pol. : HORIZONTAL

Limit : FCC PART 15 B (3M)

Env. / Ins. : Temp:25.4';Humi:74%;Press:101.52kPa

Engineer : Tea

: 10.1 ANDROID TABLET EUT

WITH DETACHABLE KEYBOARD

: DC 5V From Adapter Input AC 120V/60Hz Power

: ONA19TB007 M/N Test Mode : TX Mode : SP1215KB_V10 KEYBOARD

: SMTJ96VZZ7D6EKKFB-107FT PA054-107BT/FT

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	37.76	14.20	0.19	11.46	25.85	40.00	14.15	QP
2	49.40	8.70	0.28	17.35	26.33	40.00	13.67	QP
3	71.71	6.28	0.57	18.11	24.96	40.00	15.04	QP
4	184.23	9.32	1.22	21.83	32.37	43.50	11.13	QP
5	431.58	16.80	2.35	12.85	32.00	46.00	14.00	QP
6	530.52	18.85	2.78	13.11	34.74	46.00	11.26	QP

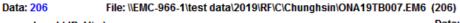
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

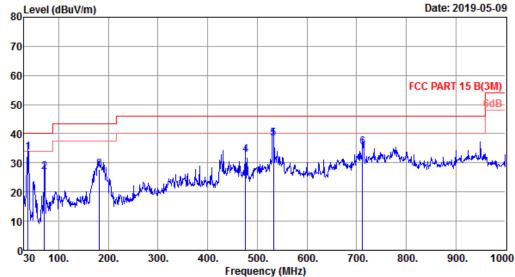
2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.



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Site no. : 1# 966 Chamber Data no. : 206
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:25.4'; Humi:74%; Press:101.52kPa

Engineer : Tea

EUT : 10.1 ANDROID TABLET
WITH DETACHABLE KEYBOARD

Power : DC 5V From Adapter Input AC 120V/60Hz

M/N : ONA19TB007 Test Mode : TX Mode KEYBOARD : SP1215KB_V10

IC : SMTJ96VZZ7D6EKKFB-107FT PA054-107BT/FT

	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	37.76	14.20	0.19	19.14	33.53	40.00	6.47	QP
2	70.74	6.24	0.57	20.18	26.99	40.00	13.01	QP
3	182.29	9.36	1.22	17.20	27.78	43.50	15.72	QP
4	476.20	17.08	2.62	13.20	32.90	46.00	13.10	QP
5	532.46	18.94	2.79	16.68	38.41	46.00	7.59	QP
6	711.91	21.60	3.37	10.40	35.37	46.00	10.63	QP

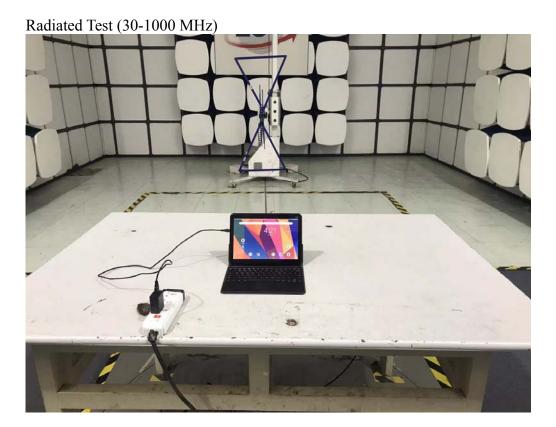
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.



4. TEST SETUP PHOTO



5. PHOTO OF EUT

External Photos M/N: ONA19TB007







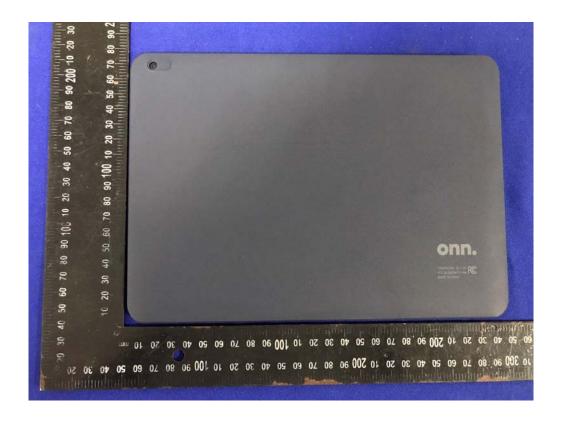
External Photos





External Photos M/N: ONA19TB007

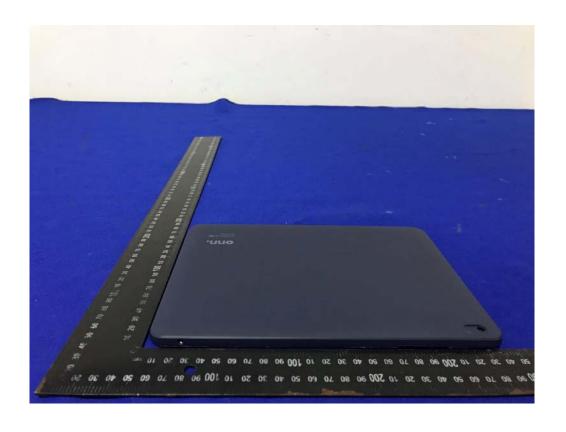






External Photos M/N: ONA19TB007

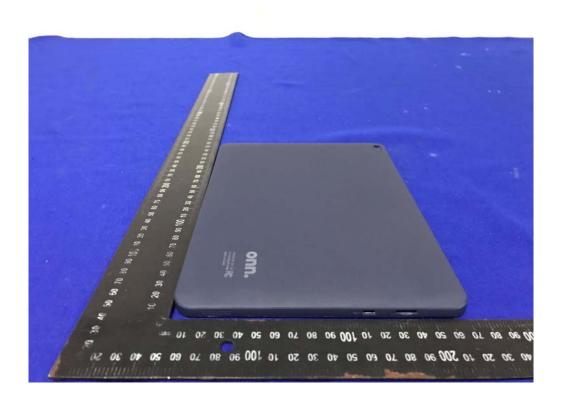






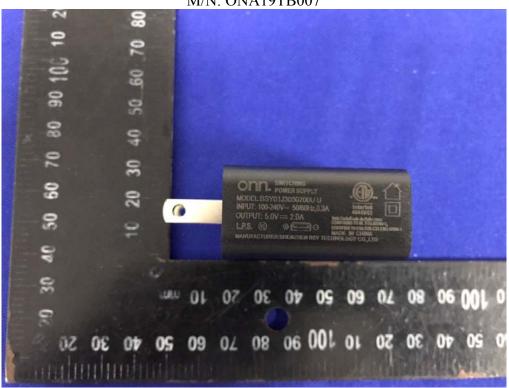
External Photos M/N: ONA19TB007







External Photos M/N: ONA19TB007

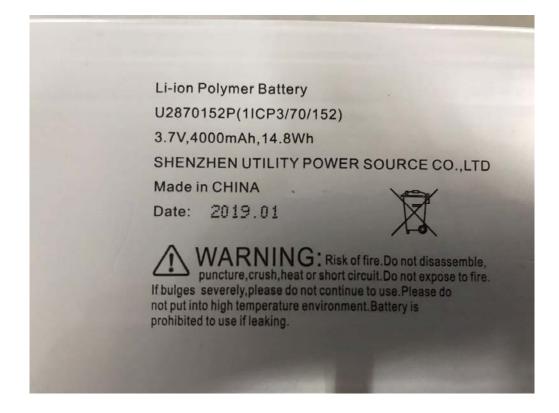




Internal Photos M/N: ONA19TB007



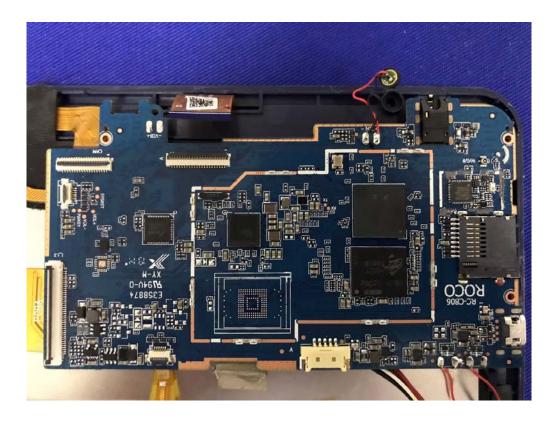
RF Antenna





Internal Photos M/N: ONA19TB007



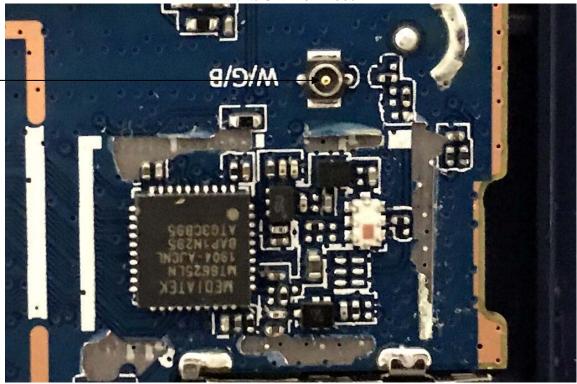


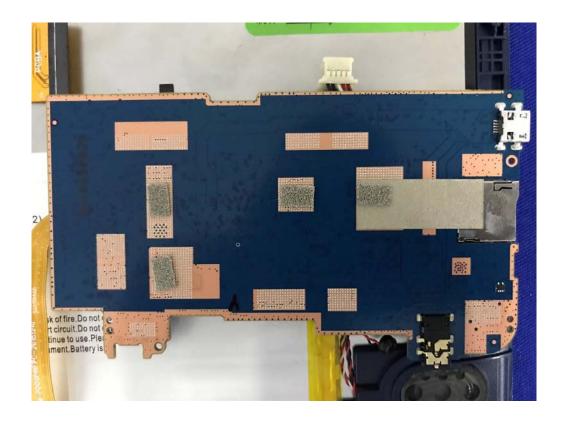


Internal Photos

M/N: ONA19TB007

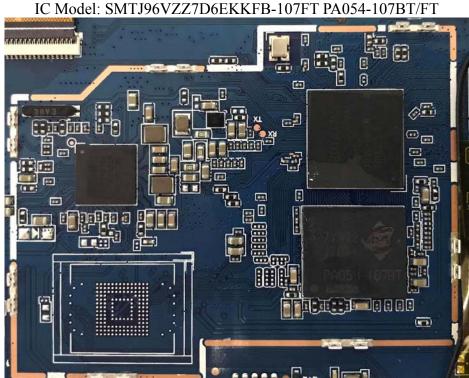
RF Antenna Port



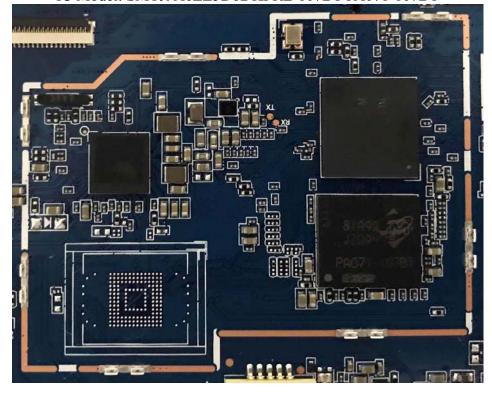




Internal Photos









Keyboard

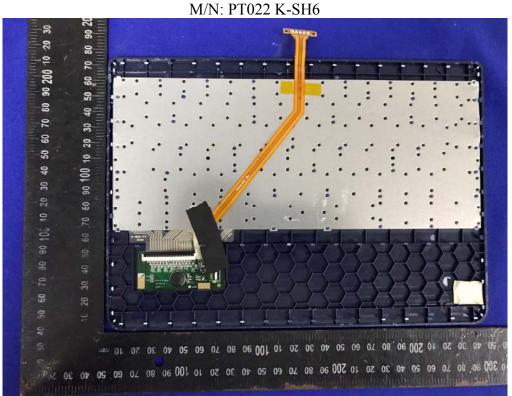
External Photos

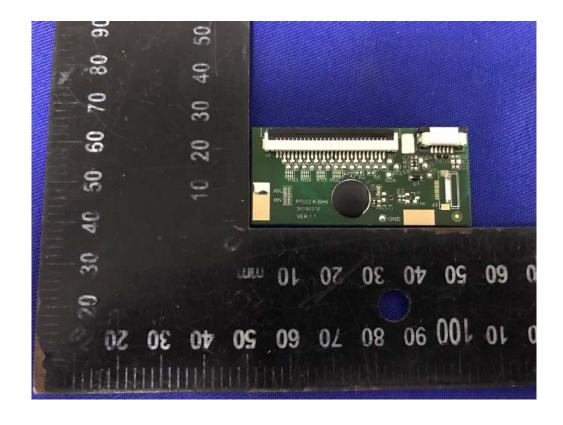






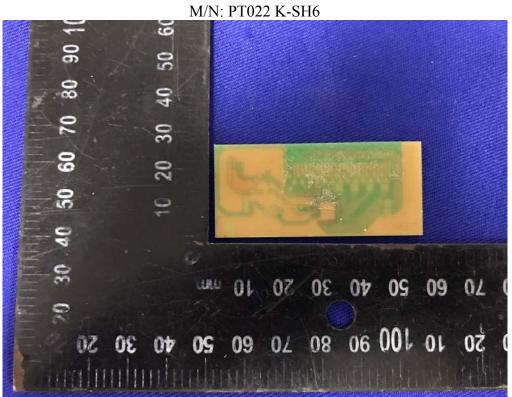
Internal Photos



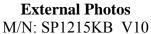




Internal Photos





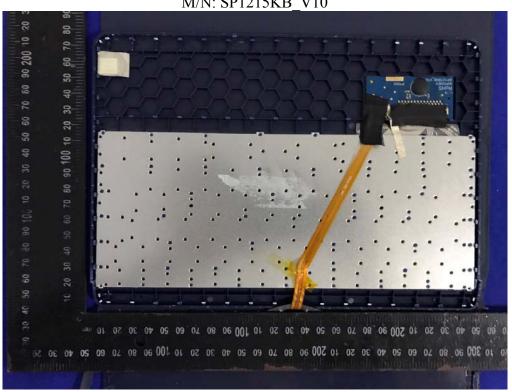


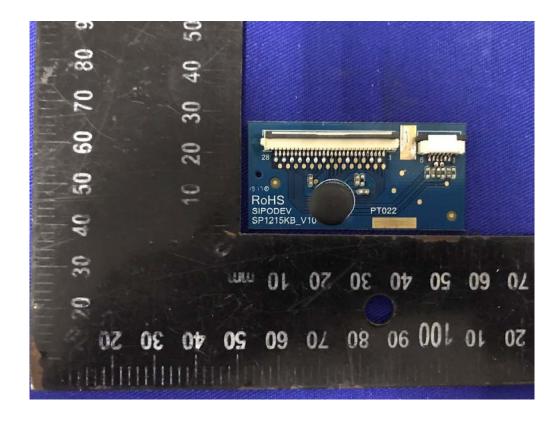






Internal Photos M/N: SP1215KB V10







Internal Photos

