TEST REPORT

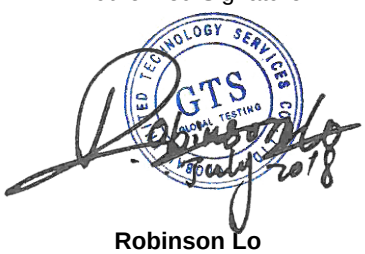
Applicant:	Beijing Veikk E-commerce Co.,Ltd
Address of Applicant:	602, Building A, Xinyuan Science Park, No 97 Changping Road, Shahe Town, Changping District, Beijing, China
Manufacturer:	Shenzhen Hezon Lito Technology Co.,Ltd.
Address of Manufacturer:	Floor 2, Building 2, Shasi 3rd industrial zone, Shajing Street, Baoan District, Shenzhen, China

Equipment Under Test (EUT)

Product Name:	PEN TABLET
Model No.:	A30
Trade Mark :	VEIKK
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	July 10, 2018
Date of Test:	July 10- 16, 2018
Date of report issued:	July 16, 2018
Test Result :	Pass *

* In the configuration tested, the EUT complied with the standards specified above.

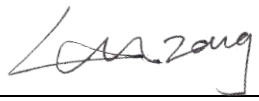
Authorized Signature:



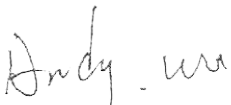
Robinson Lo
Laboratory Manager

2 Version

Version No.	*Date*	*Description*
00	*July 16, 2018*	*Original*

Prepared by:  ***Date:*** *July 16, 2018*

Project Engineer

Reviewed by:  ***Date:*** *July 16, 2018*

Reviewer

3 Contents

4 Test Summary

Test Item	Test Requirement	Test Method	Class / Severity	Result
Conducted Emission	FCC Part15.107	ANSI C63.4	Class B	N/A
Radiated Emissions #	FCC Part15.109	ANSI C63.4	Class B	PASS

Remark:

1. *Pass: The EUT complies with the essential requirements in the standard.*
2. *N/A: Not applicable.*
3. *# Refer to FCC Part 15.33 (b)(1) conditional testing procedure :*

The highest frequency generated or used in the EUT	*Test frequency range of Radiated emission*
<108MHz	*30MHz ~ 1GHz*
108MHz ~ 500MHz	*30MHz ~ 2GHz*
500MHz ~ 1GHz	*30MHz ~ 5GHz*
>1GHz	*30MHz ~ 5th harmonic of the highest frequency or 40 GHz, whichever is lower.*

The highest frequency of the internal sources of the EUT is less than 108MHz.

5 General Information

5.1 General Description of EUT

Product Name:	PEN TABLET
Model number	A30
Power Supply:	DC5V

5.2 Test mode and Test voltage

Test mode:	
On mode	Keep the EUT in operation status.
Charge mode	Keep the EUT in operation status.
Test voltage:	
DC5V	

5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
Apple	Adapter	N/A	N/A

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

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

● **FCC —Registration No.: 381383**

Global United Technology Services Co., Ltd., Shenzhen 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 files. Registration No.: 381383, January 08, 2018.

● **Industry Canada (IC) —Registration No.: 9079A-2**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016.

5.7 Test Location

Tests were performed at:

Global United Technology Services Co., Ltd.
Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102
Tel: 0755-27798480
Fax: 0755-27798960

6 Test Instruments list

Radiated Emission						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 03 2015	July. 02 2020
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 27 2018	June. 26 2019
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 27 2018	June. 26 2019
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 27 2018	June. 26 2019
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 27 2018	June. 26 2019
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 27 2018	June. 26 2019
9	Coaxial Cable	GTS	N/A	GTS211	June. 27 2018	June. 26 2019
10	Coaxial cable	GTS	N/A	GTS210	June. 27 2018	June. 26 2019
11	Coaxial Cable	GTS	N/A	GTS212	June. 27 2018	June. 26 2019
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 27 2018	June. 26 2019
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 27 2018	June. 26 2019
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 27 2018	June. 26 2019
15	Band filter	Amindeon	82346	GTS219	June. 27 2018	June. 26 2019
16	Power Meter	Anritsu	ML2495A	GTS540	June. 27 2018	June. 26 2019
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 27 2018	June. 26 2019
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 27 2018	June. 26 2019
19	Splitter	Agilent	11636B	GTS237	June. 27 2018	June. 26 2019
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 27 2018	June. 26 2019

General used equipment:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 27 2018	June. 26 2019
2	Barometer	ChangChun	DYM3	GTS255	June. 27 2018	June. 26 2019

7 Test Results and Measurement Data

7.1 Radiated Emission

Test Requirement:	FCC Part15 B Section 15.109
Test Method:	ANSI C63.4:2014
Test Frequency Range:	30MHz to 1GHz
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)

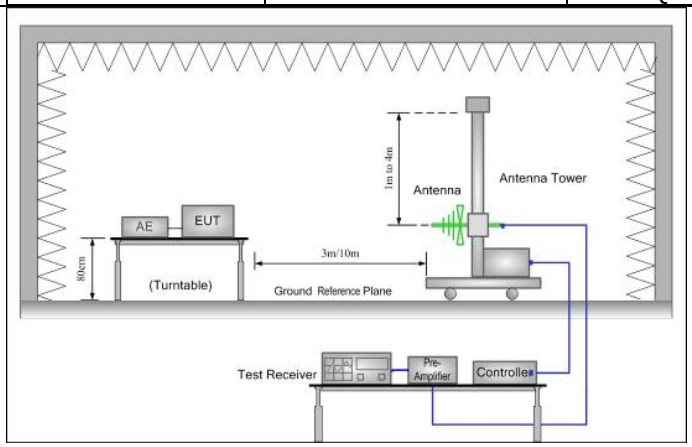
Receiver setup:

Frequency	Detector	RBW	VBW	Value
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak

Limit:

Frequency	Limit (dBμV/m @3m)	Value
30MHz-88MHz	40.00	Quasi-peak
88MHz-216MHz	43.50	Quasi-peak
216MHz-960MHz	46.00	Quasi-peak
960MHz-1GHz	54.00	Quasi-peak

Test setup:



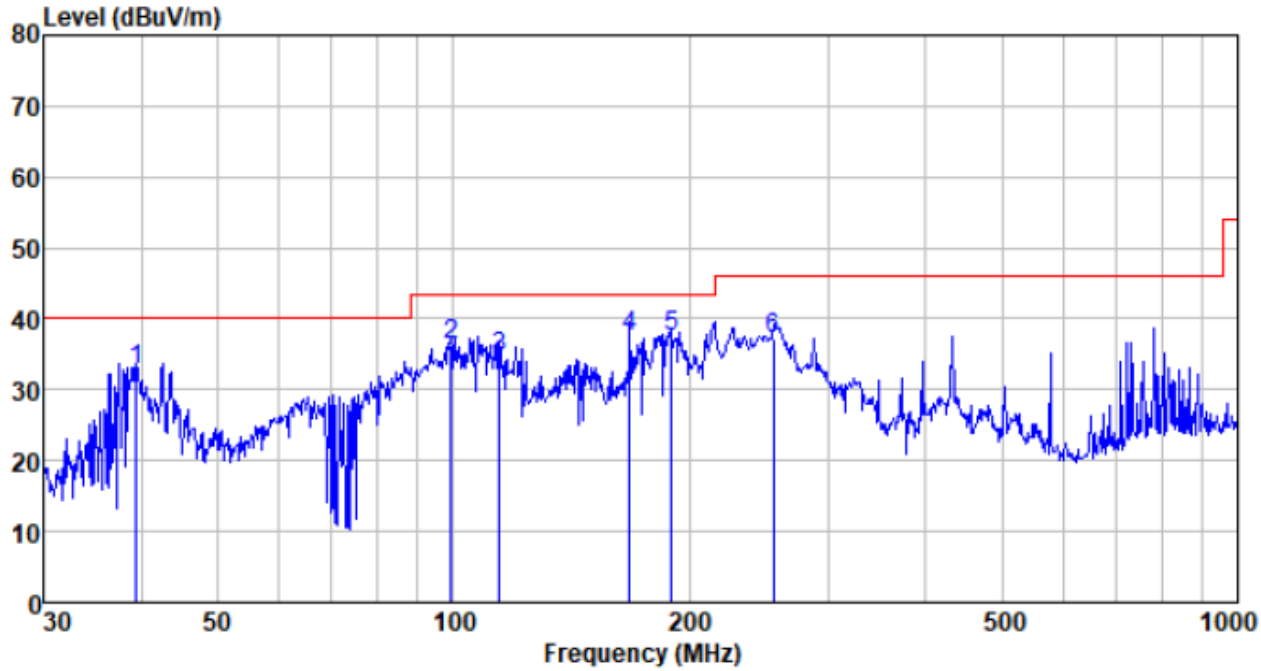
Test Procedure:

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using

	peak, quasi-peak or average method as specified and then reported in a data sheet.					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1 012mbar
Test Instruments:	Refer to section 6 for details					
Test mode:	Refer to section 5.2 for details					
Test results:	Pass					

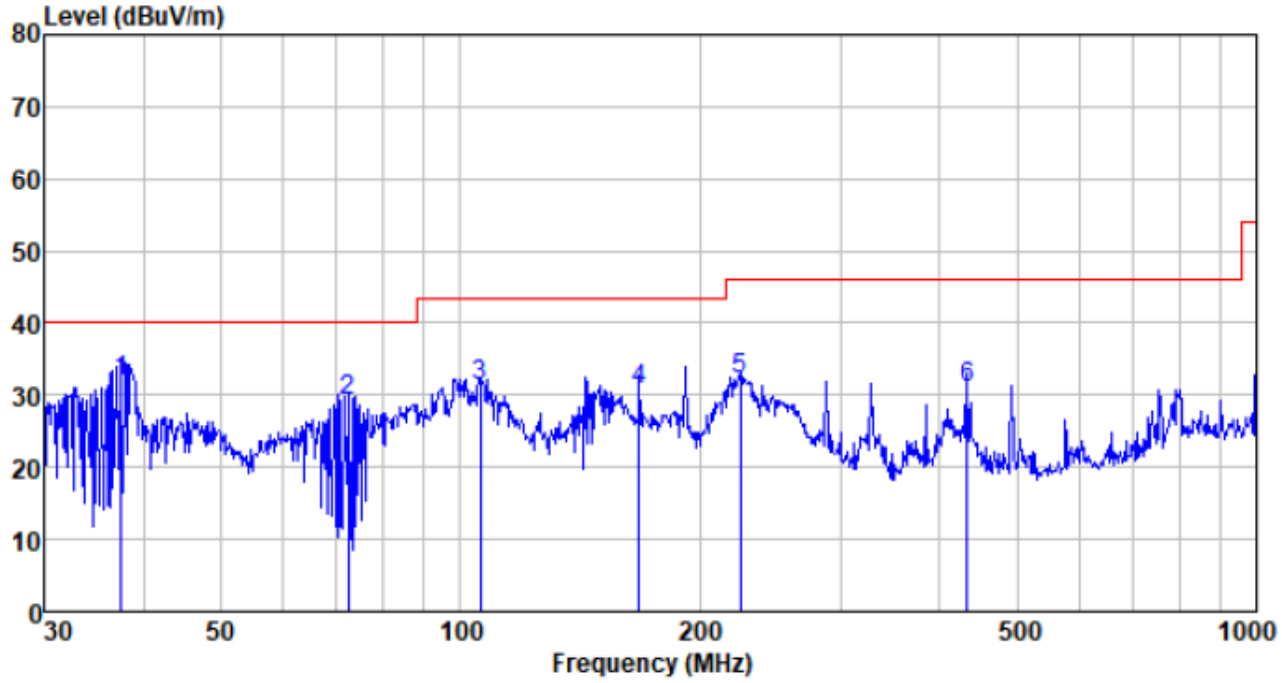
Measurement Data

Test mode:	On mode	Antenna Polarity:	Horizontal



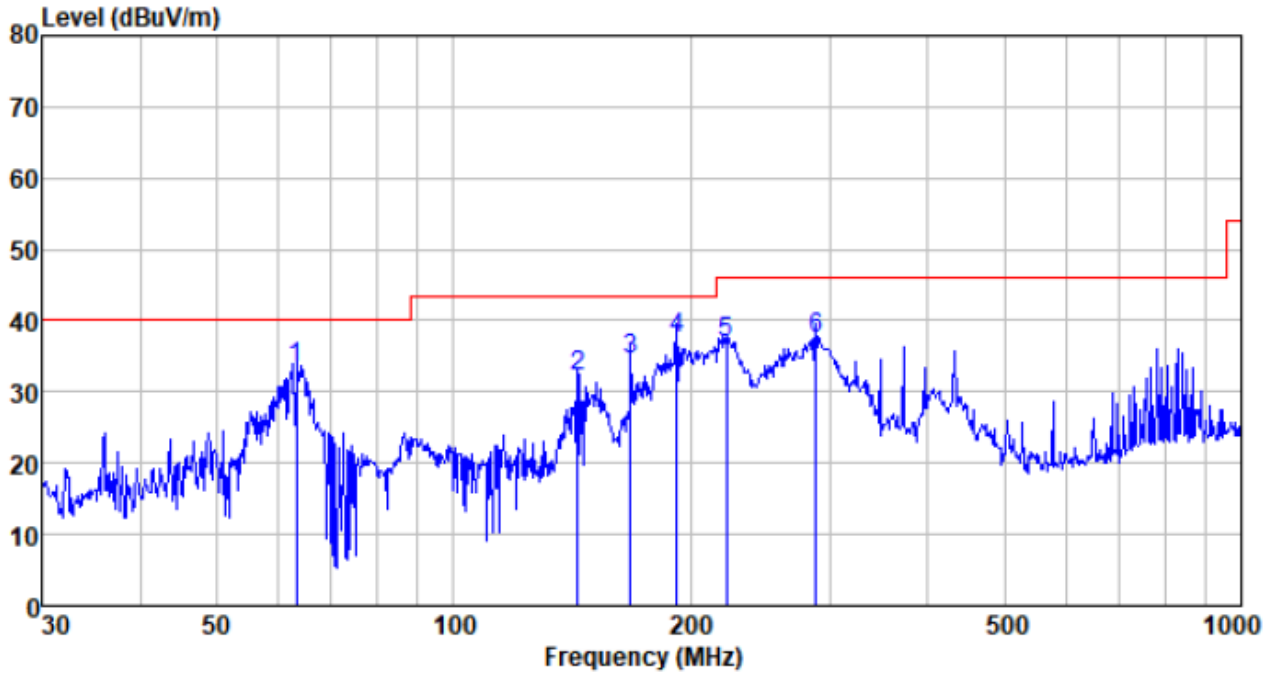
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
39.437	55.63	12.11	0.65	35.63	32.76	40.00	-7.24	QP
99.180	59.75	12.13	1.18	36.71	36.35	43.50	-7.15	QP
114.515	59.87	10.34	1.31	36.84	34.68	43.50	-8.82	QP
167.824	64.67	8.46	1.67	37.18	37.62	43.50	-5.88	QP
189.739	63.08	9.90	1.79	37.28	37.49	43.50	-6.01	QP
255.623	60.22	12.33	2.15	37.38	37.32	46.00	-8.68	QP

Test mode:	On mode	Antenna Polarity:	Vertical



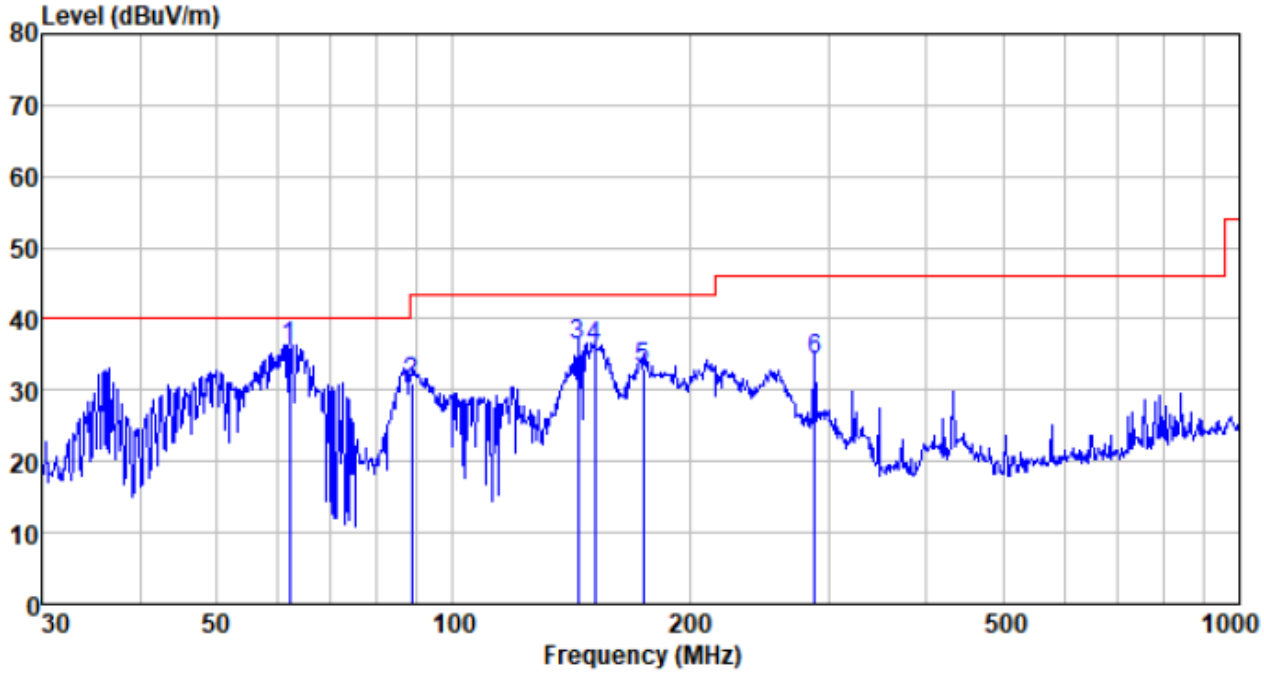
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
37.548	55.07	11.80	0.64	35.52	31.99	40.00	-8.01	QP
72.338	57.26	7.48	0.96	36.47	29.23	40.00	-10.77	QP
106.013	55.33	11.52	1.25	36.77	31.33	43.50	-12.17	QP
167.824	57.78	8.46	1.67	37.18	30.73	43.50	-12.77	QP
224.519	56.11	11.31	1.99	37.36	32.05	46.00	-13.95	QP
432.546	49.45	15.99	3.01	37.52	30.93	46.00	-15.07	QP

Test mode:	Charge mode	Antenna Polarity:	Horizontal



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV	dBuV/m	dB	
63.092	58.68	10.15	0.89	36.36	33.36	40.00	-6.64	QP
143.830	60.33	7.47	1.53	37.04	32.29	43.50	-11.21	QP
167.824	61.73	8.46	1.67	37.18	34.68	43.50	-8.82	QP
191.745	63.07	9.99	1.80	37.29	37.57	43.50	-5.93	QP
222.170	61.15	11.24	1.97	37.35	37.01	46.00	-8.99	QP
287.990	59.36	13.27	2.31	37.41	37.53	46.00	-8.47	QP

Test mode:	Charge mode	Antenna Polarity:	Vertical



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV	dBuV/m	dB	
61.995	60.85	10.49	0.88	36.35	35.87	40.00	-4.13	QP
88.652	56.48	10.19	1.10	36.63	31.14	43.50	-12.36	QP
144.335	64.41	7.49	1.53	37.04	36.39	43.50	-7.11	QP
151.597	63.76	7.75	1.58	37.09	36.00	43.50	-7.50	QP
174.424	59.99	8.67	1.71	37.21	33.16	43.50	-10.34	QP
287.990	56.03	13.27	2.31	37.41	34.20	46.00	-11.80	QP

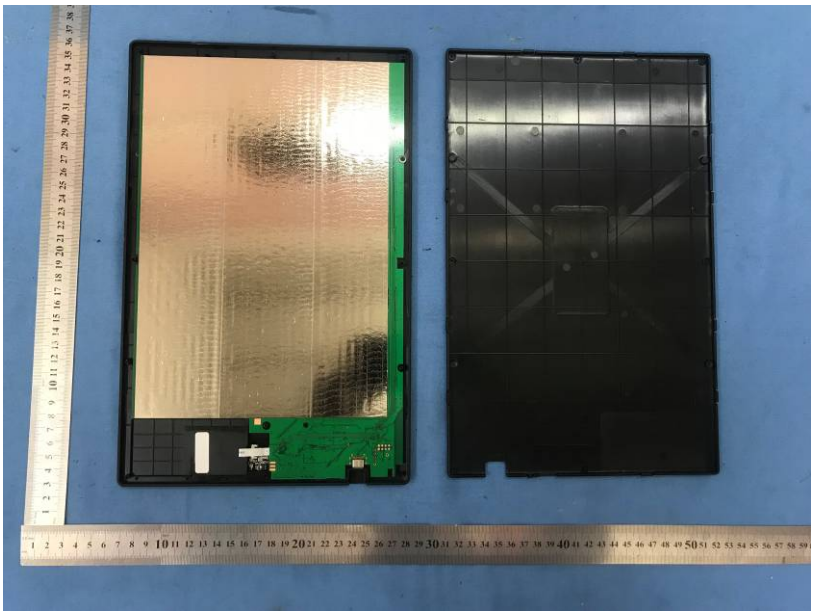
Note:

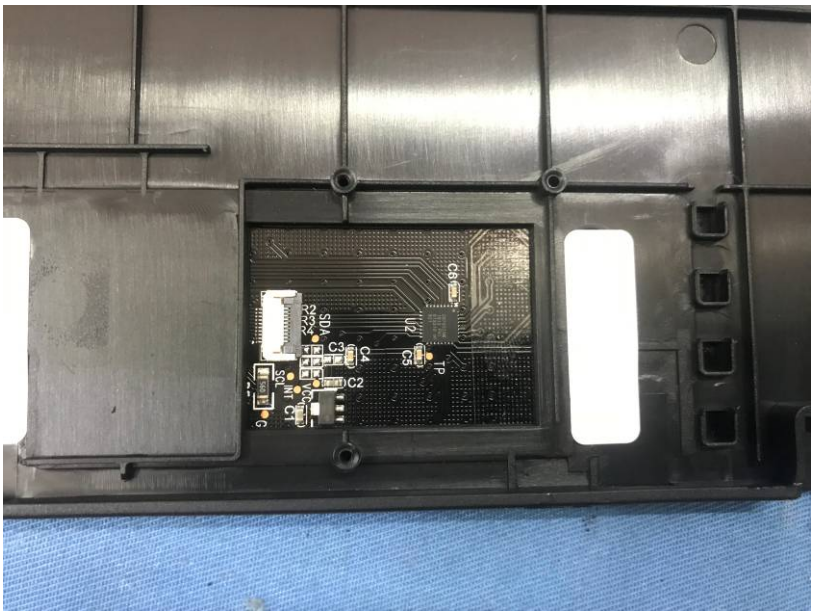
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

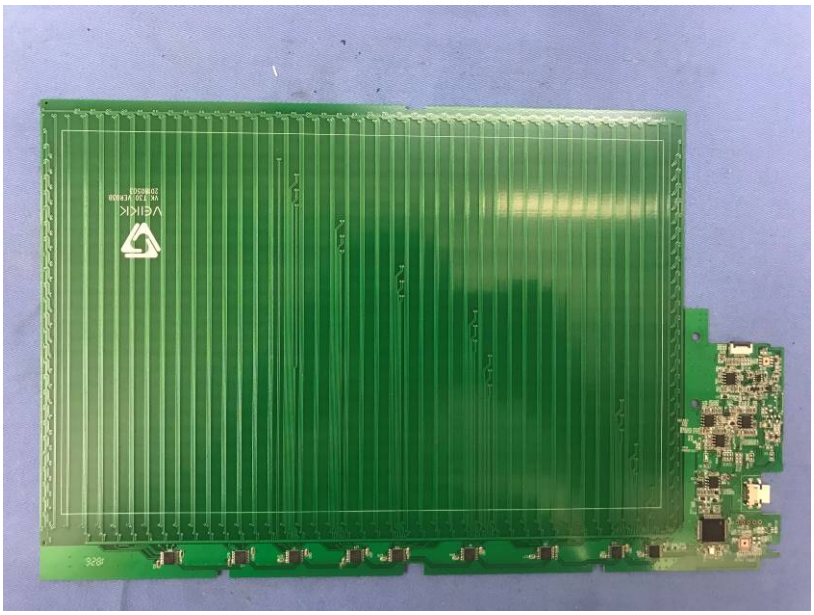
8 Test Setup Photo

Radiated Emission

9 EUT Constructional Details







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