FCC REPORT

Applicant:	Sun Cupid Technology (HK) Ltd.
Address of Applicant:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.

Equipment Under Test (EUT)

Product Name:	Android PDA
Model No.:	N5501LAT, A5X
Trade mark:	NUU
FCC ID:	2ADINN5501LAT
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	03 Sep., 2021
Date of Test:	04 Sep., to 22 Oct., 2021
Date of report issued:	25 Oct., 2021
Test Result:	PASS *

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

Authorized Signature:

Bruce Zhang
Laboratory Manager

2 Version

Version No.	Date	Description
00	*25 Oct., 2021*	*Original*

Tested by: Mike.ou ***Date:*** *25 Oct., 2021*

Test Engineer

Reviewed by: Winner Zhang ***Date:*** *25 Oct., 2021*

Project Engineer

3 Contents

Page

4 Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission	Part 15.107	Pass
Radiated Emission	Part 15.109	Pass

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.

2. N/A: The EUT not applicable of the test item.

Test Method:	*ANSI C63.4:2014*

5 General Information

5.1 Client Information

Applicant:	Sun Cupid Technology (HK) Ltd.
Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.
Manufacturer:	Sun Cupid Technology (HK) Ltd.
Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.
Factory:	Shenzhen Saidaxin Technology Co., Ltd.
Address:	6/F, Building 1, Saitu Digitial Technology Park, Bulan Road, Jihua Street, Longgang, Shenzhen, China.

5.2 General Description of E.U.T.

Product Name:	Android PDA
Model No.:	N5501LAT, A5X
Power supply:	Rechargeable Li-ion Battery DC3.8V, 2650mAh
AC adapter:	Model: HJ-0501000E1-US Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1000mA
Remark:	1. Model No.: N5501LAT, A5X were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name. 2. EUT has two kind of CPUs, CPU 1: MT6793, CPU 2: MT8765.
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

5.3 Test Mode and test samples plans

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
GPS mode	Keep the EUT in GPS receiver mode
The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.	

5.4 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 150KHz) for V-AMN	3.11 dB
Conducted Emission (150kHz ~ 30MHz) for V-AMN	2.62 dB
Conducted Emission (150kHz ~ 30MHz) for AAN	3.54 dB
Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB

5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX7070	2J8XSZ2	DoC
DELL	MONITOR	SE2018HR	3M7QPY2	DoC
DELL	KEYBOARD	KB216d	N/A	DoC
DELL	MOUSE	MS116t1	N/A	DoC
HP	Printer	HP LaserJet P1007	VNFP409729	DoC

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Description of Cable Used

Cable Type	Description	Length	From	To
Detached USB Cable	Shielding	1.0m	EUT	PC/Adapter

5.8 Additions to, deviations, or exclusions from the method

No

5.9 Laboratory Facility

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

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.10 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info-JYTee@lets.com, Website: http://www.ccis-cb.com

5.11 Test Instruments list

Radiated Emission:

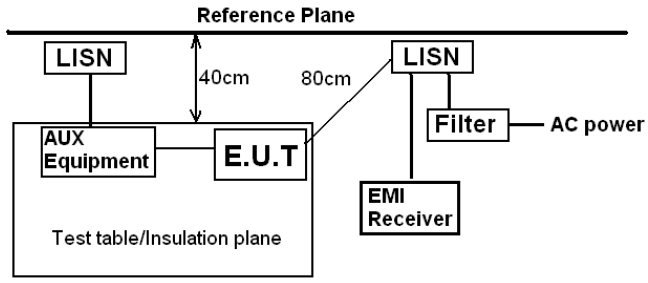
Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
3m SAC	ETS	RFD-100	Q1984	04-14-2021	04-13-2024
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-044	03-07-2021	03-06-2022
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Keysight	N9010B	MY60240202	11-27-2020	11-26-2021
Simulated Station	Anritsu	MT8820C	6201026545	03-03-2021	03-02-2022
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022
EMI Test Software	Tonscend	TS+	Version:3.0.0.1		

Conducted Emission:

Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI 3	101189	03-03-2021	03-02-2022
LISN	Rohde & Schwarz	ENV432	101602	04-06-2021	04-05-2022
LISN	Rohde & Schwarz	ESH3-Z5	843862/010	06-18-2020	06-17-2022
ISN	Schwarzbeck	CAT3 8158	#96	03-03-2021	03-02-2022
ISN	Schwarzbeck	CAT5 8158	#166	03-03-2021	03-02-2022
ISN	Schwarzbeck	NTFM 8158	#126	03-03-2021	03-02-2022
RF Switch	TOP PRECISION	RSU0301	N/A	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-NN-2M	JYTCE-1	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-BN-3M	JYTCE-2	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

6 Test results and Measurement Data

6.1 Conducted Emission

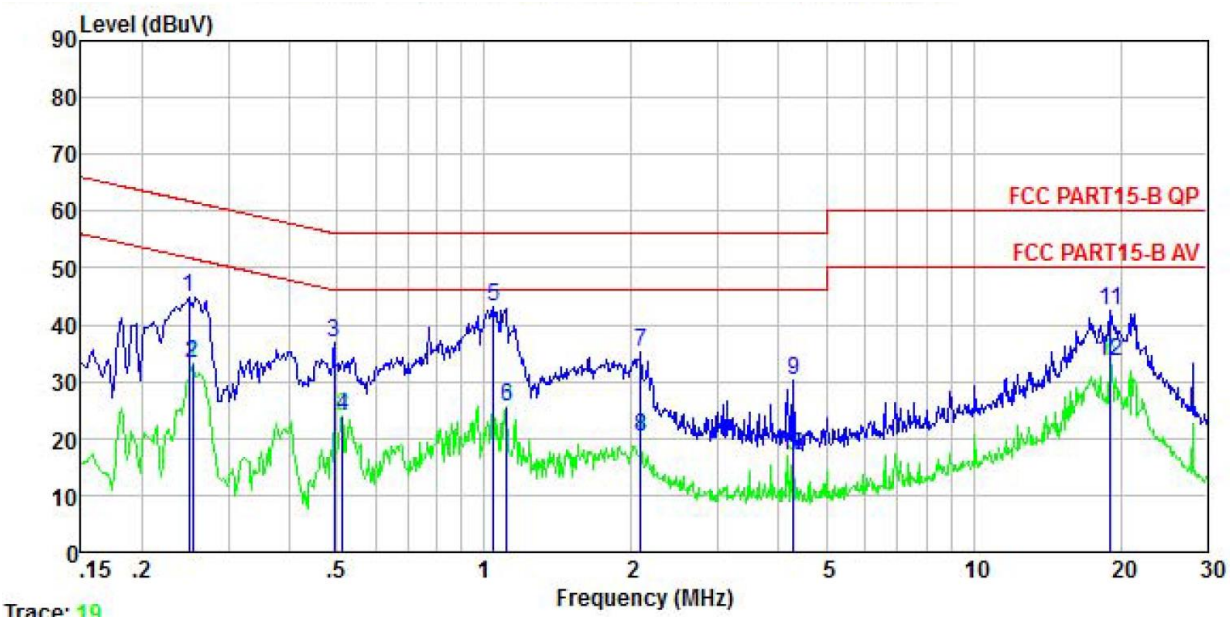
<table>
<tr><td>Test Requirement:</td><td colspan="3">FCC Part 15 B Section 15.107</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="3">150kHz to 30MHz</td></tr>
<tr><td>Class / Severity:</td><td colspan="3">Class B</td></tr>
<tr><td>Receiver setup:</td><td colspan="3">RBW=9kHz, VBW=30kHz</td></tr>
<tr><td>Limit:</td><td rowspan="2">Frequency range (MHz)</td><td colspan="2">Limit (dBµV)</td></tr>
<tr><td>Quasi-peak</td><td>Average</td></tr>
<tr><td></td><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td></td><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td></td><td>0.5-30</td><td>60</td><td>50</td></tr>
<tr><td></td><td colspan="3">* Decreases with the logarithm of the frequency.</td></tr>
<tr><td>Test setup:</td><td colspan="3"> 

Remark:
E.U.T: Equipment Under Test
LISN: Line Impedence Stabilization Network
Test table height=0.8m</td></tr>
<tr><td>Test procedure</td><td colspan="3">1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment.
2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs).
3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement.</td></tr>
<tr><td>Test Instruments:</td><td colspan="3">Refer to section 5.11 for details</td></tr>
<tr><td>Test mode:</td><td colspan="3">Refer to section 5.3 for details</td></tr>
<tr><td>Test results:</td><td colspan="3">Pass</td></tr>
</table>

Measurement data:

For CPU 1 Test data

Product name:	Android PDA	**Product model:**	N5501LAT
Test by:	Mike	**Test mode:**	PC mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 22.5℃ Huni: 55%

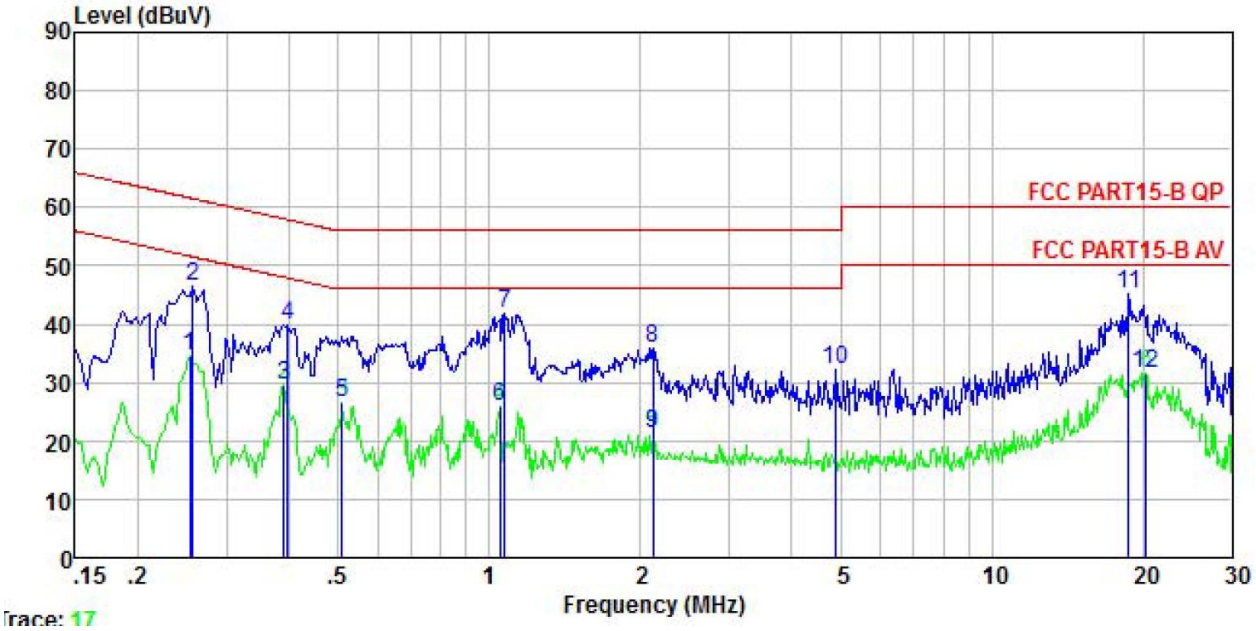


	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.249	34.72	10.25	0.00	0.01	44.98	61.78	-16.80	QP
2	0.253	22.82	10.25	0.00	0.01	33.08	51.64	-18.56	Average
3	0.494	26.71	10.29	0.00	0.03	37.03	56.10	-19.07	QP
4	0.513	13.70	10.29	0.00	0.03	24.02	46.00	-21.98	Average
5	1.043	32.66	10.32	0.00	0.06	43.04	56.00	-12.96	QP
6	1.111	15.18	10.32	0.00	0.07	25.57	46.00	-20.43	Average
7	2.088	24.80	10.33	0.00	0.20	35.33	56.00	-20.67	QP
8	2.088	9.61	10.33	0.00	0.20	20.14	46.00	-25.86	Average
9	4.292	19.71	10.40	0.00	0.08	30.19	56.00	-25.81	QP
10	4.292	6.43	10.40	0.00	0.08	16.91	46.00	-29.09	Average
11	19.021	31.52	10.89	0.00	0.15	42.56	60.00	-17.44	QP
12	19.021	22.34	10.89	0.00	0.15	33.38	50.00	-16.62	Average

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Android PDA	Product model:	N5501LAT
Test by:	Mike	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



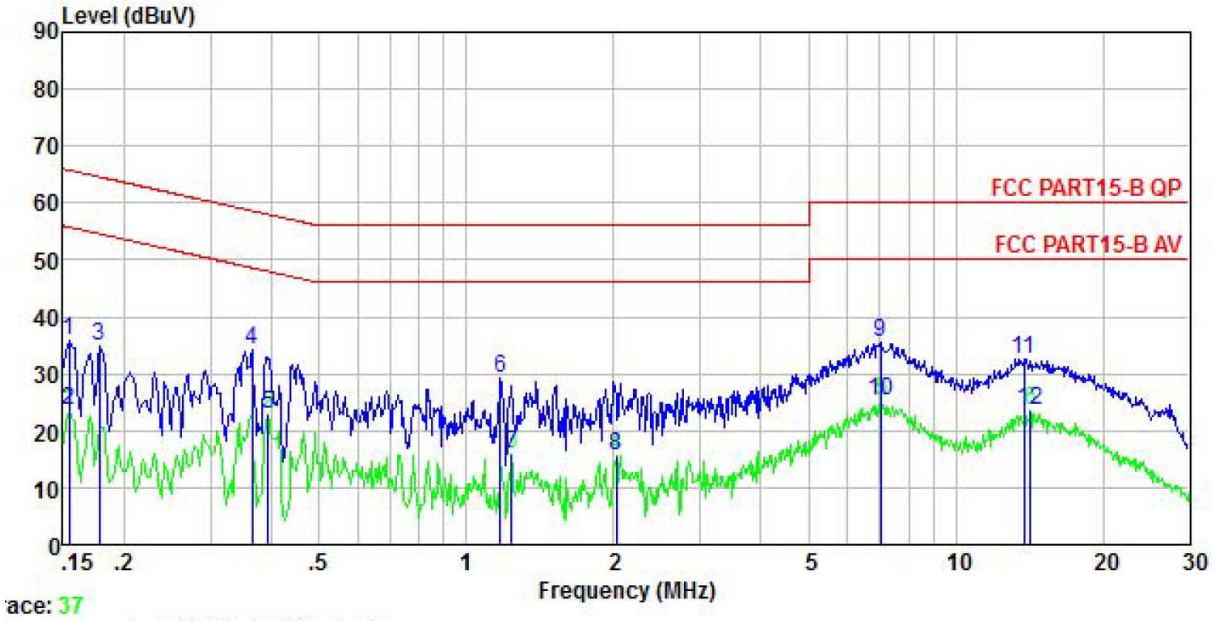
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.253	24.23	10.24	0.00	0.01	34.48	51.64	-17.16	Average
2	0.258	36.12	10.24	0.00	0.01	46.37	61.51	-15.14	QP
3	0.389	19.22	10.27	0.00	0.04	29.53	48.08	-18.55	Average
4	0.398	29.53	10.27	0.00	0.04	39.84	57.90	-18.06	QP
5	0.510	16.14	10.28	0.00	0.03	26.45	46.00	-19.55	Average
6	1.049	15.53	10.31	0.00	0.06	25.90	46.00	-20.10	Average
7	1.071	31.53	10.31	0.00	0.07	41.91	56.00	-14.09	QP
8	2.121	25.47	10.32	0.00	0.19	35.98	56.00	-20.02	QP
9	2.121	10.67	10.32	0.00	0.19	21.18	46.00	-24.82	Average
10	4.874	21.71	10.41	0.00	0.09	32.21	56.00	-23.79	QP
11	18.721	34.09	10.85	0.00	0.15	45.09	60.00	-14.91	QP
12	20.270	20.48	10.88	0.00	0.19	31.55	50.00	-18.45	Average

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

For CPU 2 Test data

Product name:	Android PDA	**Product model:**	N5501LAT
Test by:	Mike	**Test mode:**	PC mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 22.5℃ Huni: 55%

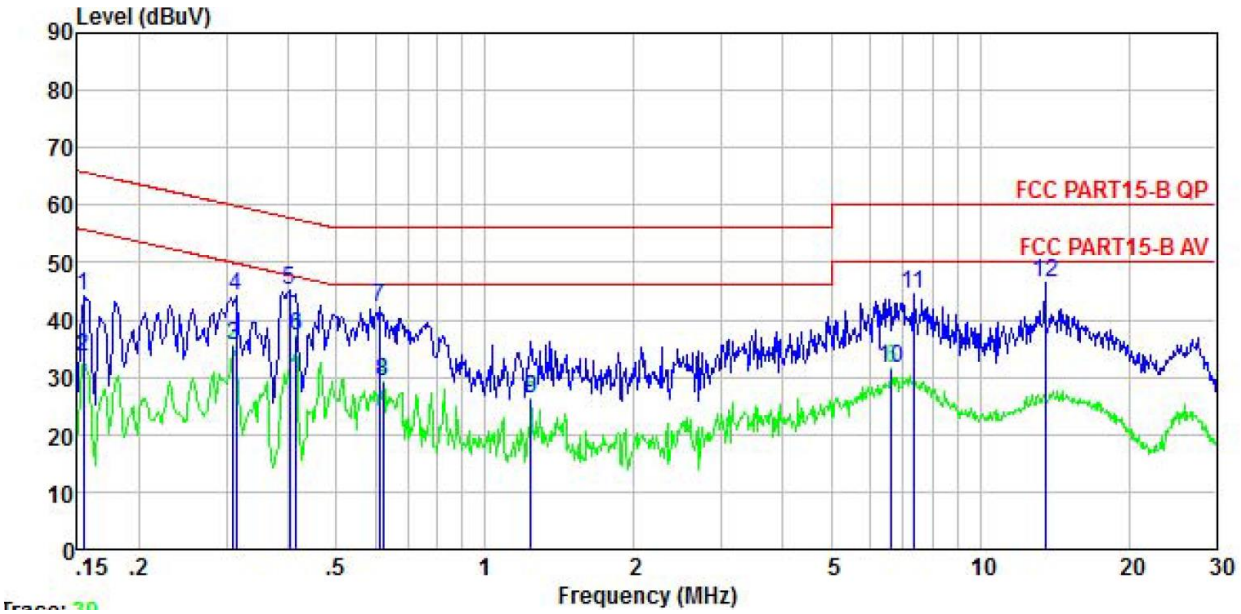


	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	35.73	0.00	0.01	0.01	35.75	65.78	-30.03	QP
2	0.154	23.55	0.00	0.01	0.01	23.57	55.78	-32.21	Average
3	0.178	34.71	0.00	0.00	0.01	34.72	64.59	-29.87	QP
4	0.365	34.23	0.00	-0.04	0.03	34.22	58.61	-24.39	QP
5	0.393	22.87	0.00	-0.06	0.04	22.85	47.99	-25.14	Average
6	1.172	28.99	0.00	0.10	0.09	29.18	56.00	-26.82	QP
7	1.236	15.89	0.00	0.11	0.10	16.10	46.00	-29.90	Average
8	2.023	15.24	0.00	0.18	0.20	15.62	46.00	-30.38	Average
9	7.025	34.60	0.00	0.84	0.10	35.54	60.00	-24.46	QP
10	7.062	24.37	0.00	0.85	0.10	25.32	50.00	-24.68	Average
11	13.768	29.84	0.00	2.74	0.12	32.70	60.00	-27.30	QP
12	14.213	20.51	0.00	2.88	0.12	23.51	50.00	-26.49	Average

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Android PDA	Product model:	N5501LAT
Test by:	Mike	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%

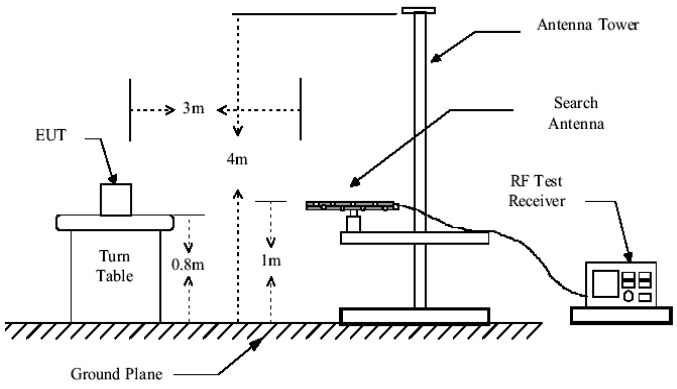


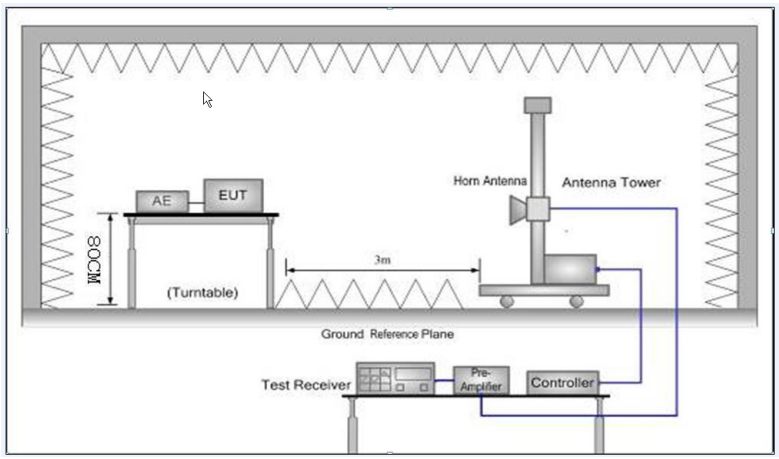
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	33.99	10.19	0.01	0.01	44.20	65.78	-21.58	QP
2	0.154	23.49	10.19	0.01	0.01	33.70	55.78	-22.08	Average
3	0.310	25.15	10.25	0.00	0.03	35.43	49.97	-14.54	Average
4	0.313	33.81	10.25	0.00	0.03	44.09	59.88	-15.79	QP
5	0.402	35.00	10.27	-0.06	0.04	45.25	57.81	-12.56	QP
6	0.415	26.81	10.27	-0.05	0.04	37.07	47.55	-10.48	Average
7	0.611	31.78	10.29	0.04	0.02	42.13	56.00	-13.87	QP
8	0.621	18.76	10.29	0.04	0.02	29.11	46.00	-16.89	Average
9	1.236	15.76	10.31	0.11	0.10	26.28	46.00	-19.72	Average
10	6.627	20.24	10.47	0.81	0.10	31.62	50.00	-18.38	Average
11	7.329	33.06	10.49	0.90	0.10	44.55	60.00	-15.45	QP
12	13.551	33.00	10.69	2.67	0.12	46.48	60.00	-13.52	QP

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

6.2 Radiated Emission

<table>
<tr><td>Test Requirement:</td><td colspan="5">FCC Part 15 B Section 15.109</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="5">30MHz to 6000MHz</td></tr>
<tr><td>Test site:</td><td colspan="5">3m (Semi-Anechoic Chamber)</td></tr>
<tr><td rowspan="5">Receiver setup:</td><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak Value</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td>RMS</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td rowspan="9">Limit:</td><td colspan="2">Frequency</td><td colspan="2">Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td colspan="2">30MHz-88MHz</td><td colspan="2">40.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">88MHz-216MHz</td><td colspan="2">43.5</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">216MHz-960MHz</td><td colspan="2">46.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">960MHz-1GHz</td><td colspan="2">54.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">Frequency</td><td colspan="2">Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td colspan="2" rowspan="2">Above 1GHz</td><td colspan="2">54.0</td><td>Average Value</td></tr>
<tr><td colspan="2">74.0</td><td>Peak Value</td></tr>
<tr><td></td><td colspan="5"></td></tr>
<tr><td>Test setup:</td><td colspan="5">Below 1GHz
 

Above 1GHz
 
</td></tr>
<tr><td>Test Procedure:</td><td colspan="5">1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter 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</td></tr>
</table>

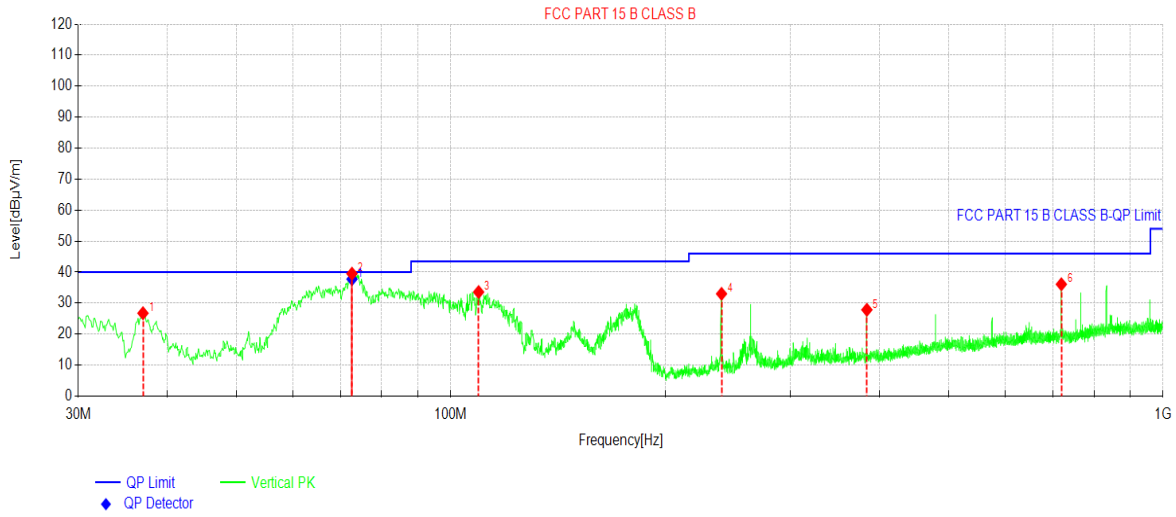
	measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function 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 Instruments:	Refer to section 5.11 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All of the observed value above 6GHz ware the niose floor , which were no recorded

Measurement Data:

For CPU 1 test data

Below 1GHz

Product Name:	Android PDA	**Product Model:**	N5501LAT
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%



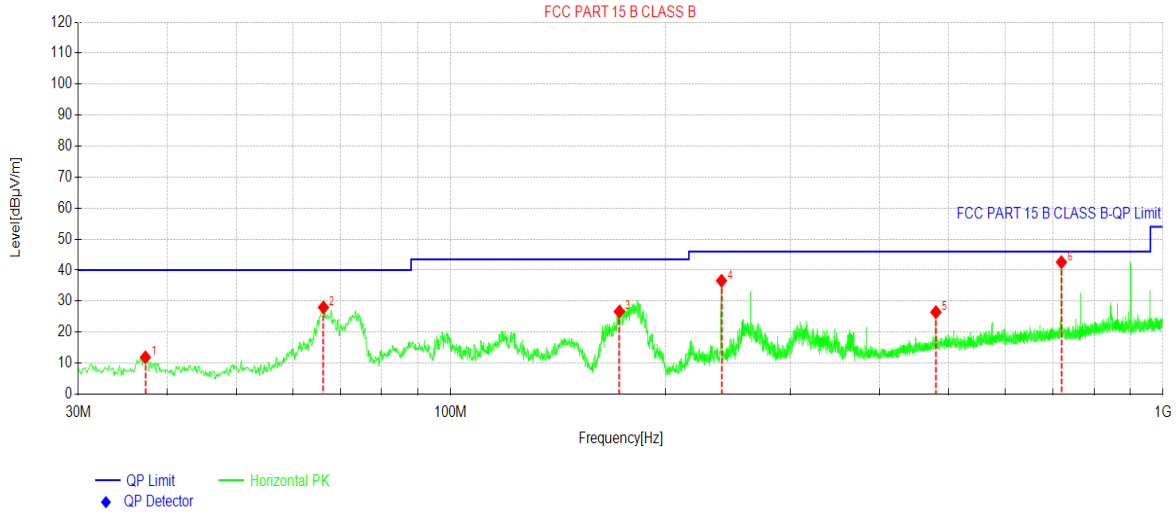
Suspected Data List								
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	36.9847	41.55	26.76	-14.79	40.00	13.24	PK	Vertical
2	72.6843	56.52	39.50	-17.02	40.00	0.50	PK	Vertical
3	109.450	49.43	33.57	-15.86	43.50	9.93	PK	Vertical
4	240.026	47.22	33.00	-14.22	46.00	13.00	PK	Vertical
5	383.988	38.57	27.85	-10.72	46.00	18.15	PK	Vertical
6	720.030	40.17	36.09	-4.08	46.00	9.91	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	QP Reading [dBµV/m]	Angle [°]	Verdict
1	72.6843	-17.02	37.76	40.00	2.24	54.78	273	PASS

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Android PDA	Product Model:	N5501LAT
Test By:	Mike	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

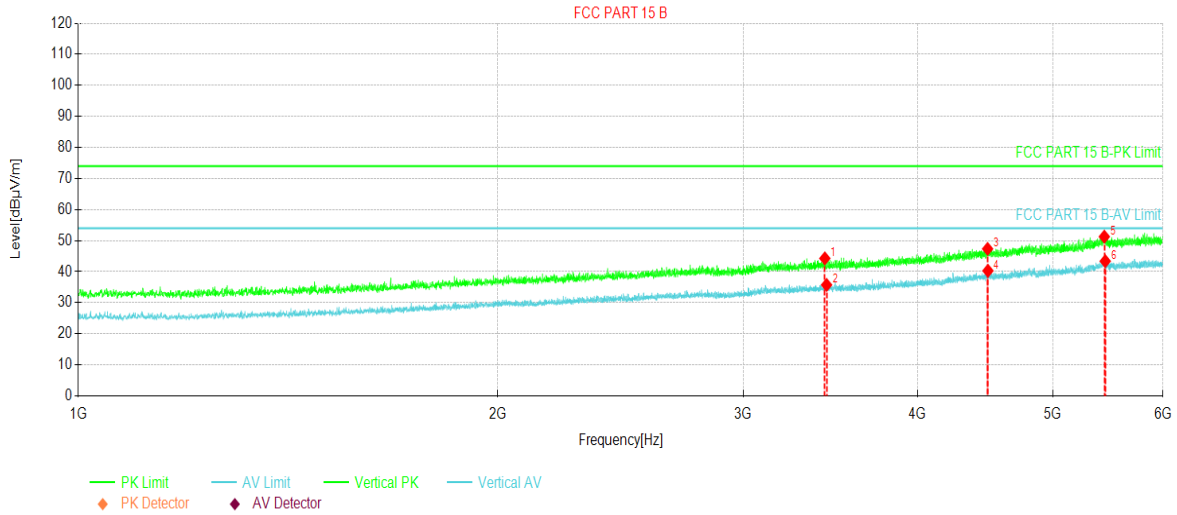
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	37.2757	26.64	11.88	-14.76	40.00	28.12	PK	Horizontal
2	66.2816	43.95	27.98	-15.97	40.00	12.02	PK	Horizontal
3	172.507	43.64	26.65	-16.99	43.50	16.85	PK	Horizontal
4	240.026	50.80	36.58	-14.22	46.00	9.42	PK	Horizontal
5	480.028	34.05	26.44	-7.61	46.00	19.56	PK	Horizontal
6	720.030	46.65	42.57	-4.08	46.00	3.43	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Above 1GHz:

Product Name:	Android PDA	**Product Model:**	N5501LAT
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

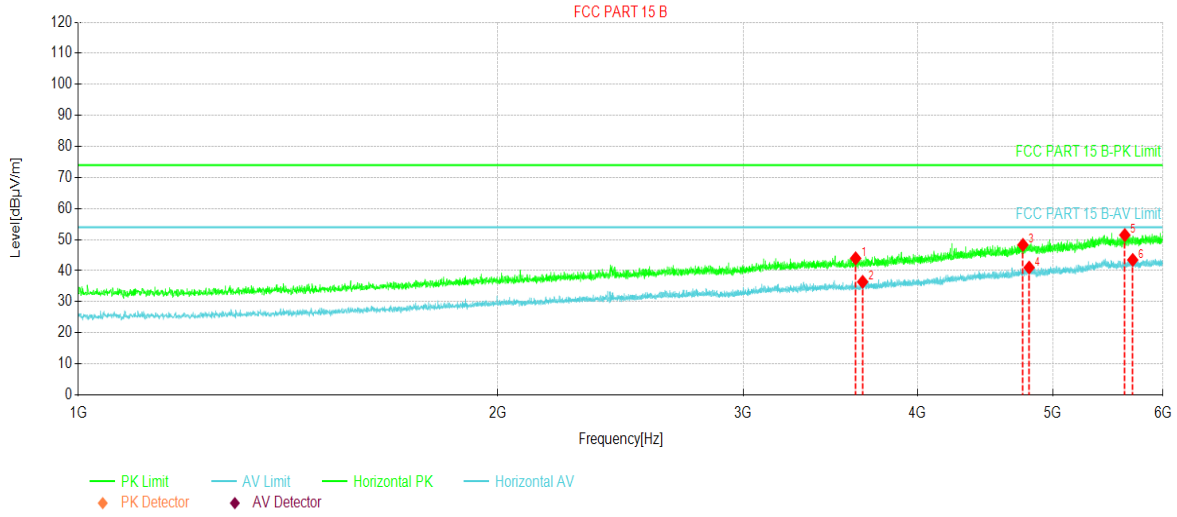


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3432.24	59.93	44.28	-15.65	74.00	29.72	PK	Vertical
2	3442.24	51.35	35.73	-15.62	54.00	18.27	AV	Vertical
3	4490.84	58.60	47.35	-11.25	74.00	26.65	PK	Vertical
4	4493.34	51.52	40.28	-11.24	54.00	13.72	AV	Vertical
5	5445.94	57.87	51.27	-6.60	74.00	22.73	PK	Vertical
6	5453.94	49.97	43.38	-6.59	54.00	10.62	AV	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Android PDA	Product Model:	N5501LAT
Test By:	Mike	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3611.26	59.32	43.98	-15.34	74.00	30.02	PK	Horizontal
2	3653.26	51.59	36.39	-15.20	54.00	17.61	AV	Horizontal
3	4760.87	58.55	48.30	-10.25	74.00	25.70	PK	Horizontal
4	4809.88	51.02	40.98	-10.04	54.00	13.02	AV	Horizontal
5	5633.46	57.88	51.46	-6.42	74.00	22.54	PK	Horizontal
6	5707.47	49.46	43.46	-6.00	54.00	10.54	AV	Horizontal

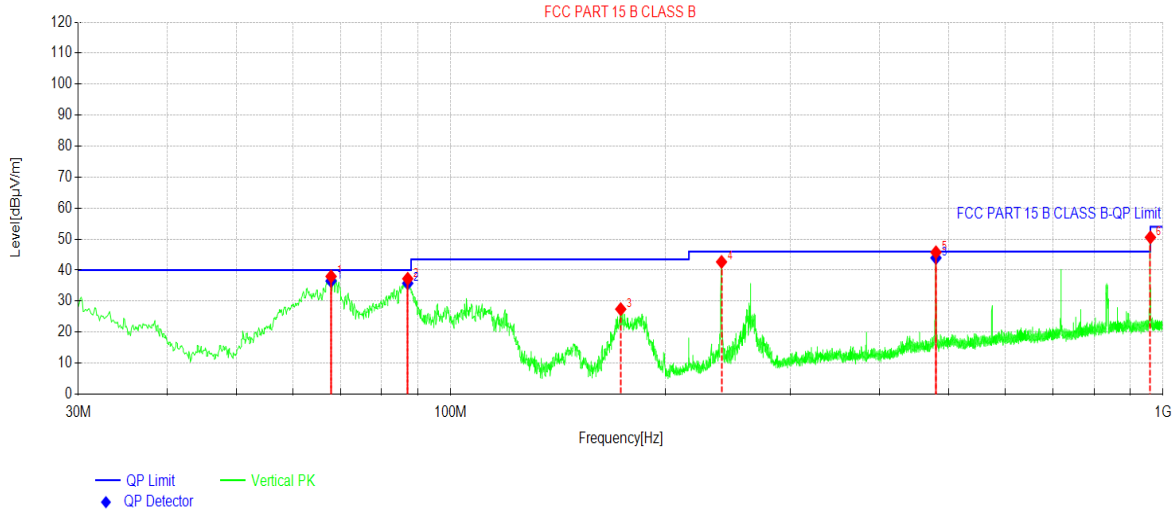
Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

For CPU 2 test data

Below 1GHz

Product Name:	Android PDA	**Product Model:**	N5501LAT
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	67.9308	54.37	37.97	-16.40	40.00	2.03	PK	Vertical
2	87.0417	54.73	37.23	-17.50	40.00	2.77	PK	Vertical
3	173.283	44.40	27.41	-16.99	43.50	16.09	PK	Vertical
4	240.026	56.88	42.66	-14.22	46.00	3.34	PK	Vertical
5	480.028	53.36	45.75	-7.61	46.00	0.25	PK	Vertical
6	960.129	51.46	50.58	-0.88	54.00	3.42	PK	Vertical

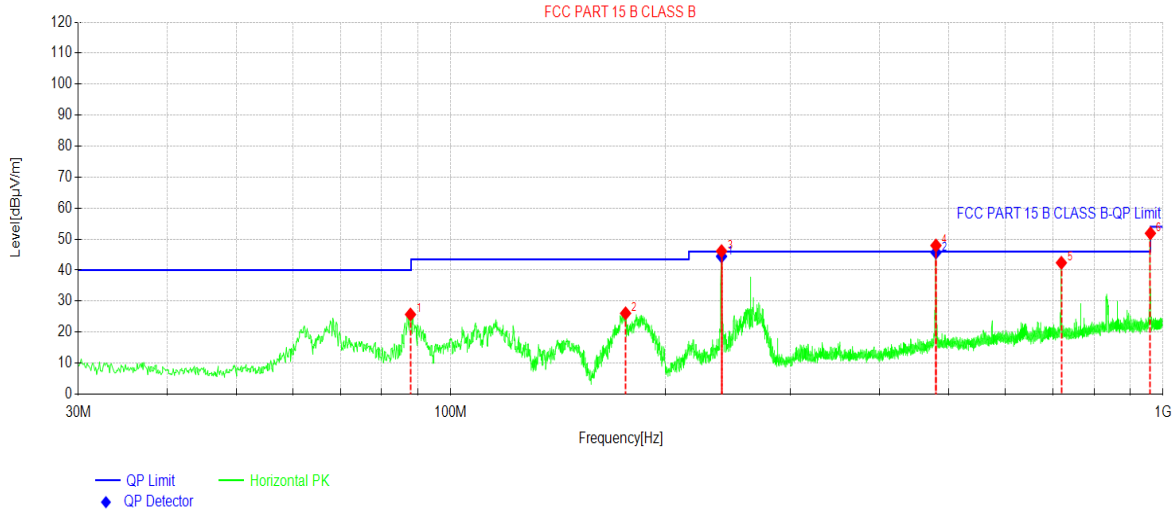
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	QP Reading [dBµV/m]	Angle [°]	Verdict
1	67.9308	-16.40	36.50	40.00	3.50	52.9	267	PASS
2	87.0417	-17.50	35.76	40.00	4.24	53.26	162	PASS
3	480.028	-7.61	43.96	46.00	2.04	51.57	341	PASS

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Android PDA	Product Model:	N5501LAT
Test By:	Mike	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading[dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	87.8178	43.21	25.71	-17.50	40.00	14.29	PK	Horizontal
2	175.999	43.01	26.07	-16.94	43.50	17.43	PK	Horizontal
3	240.026	60.36	46.14	-14.22	46.00	-0.14	PK	Horizontal
4	480.028	55.57	47.96	-7.61	46.00	-1.96	PK	Horizontal
5	720.030	46.46	42.38	-4.08	46.00	3.62	PK	Horizontal
6	960.129	52.77	51.89	-0.88	54.00	2.11	PK	Horizontal

Final Data List

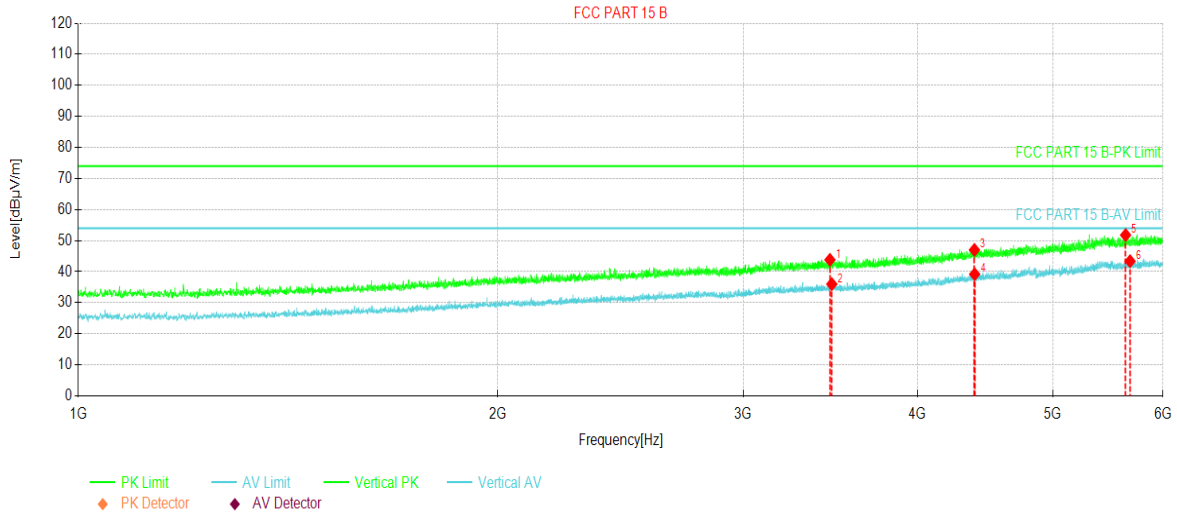
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	QP Reading [dBμV/m]	Angle [°]	Verdict
1	240.026	-14.22	44.44	46.00	1.56	58.66	143	PASS
2	480.027	-7.61	45.71	46.00	0.29	53.32	300.9	PASS

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Above 1GHz:

Product Name:	Android PDA	**Product Model:**	N5501LAT
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

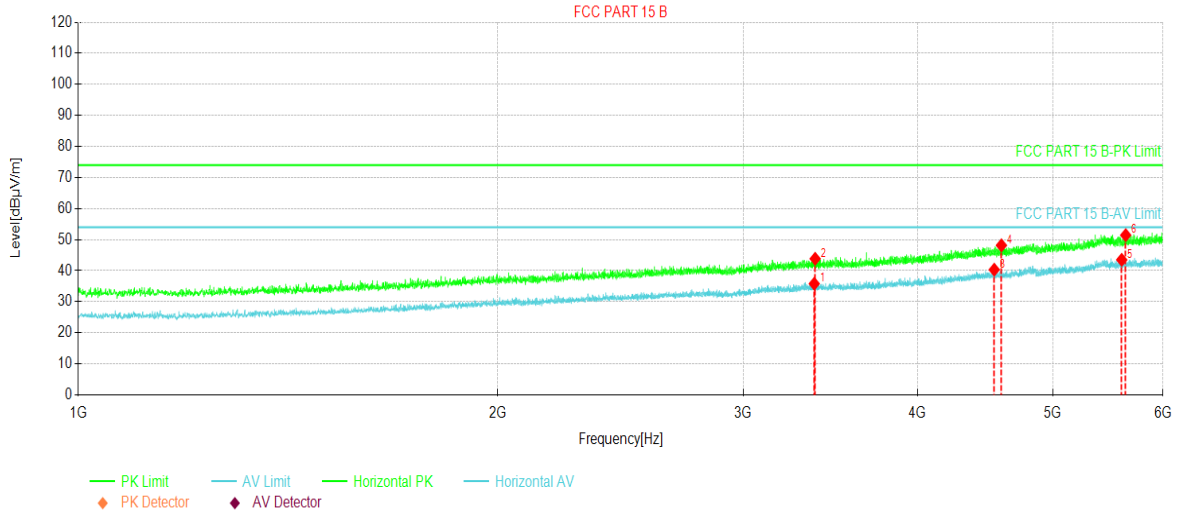


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3461.24	59.35	43.81	-15.54	74.00	30.19	PK	Vertical
2	3472.24	51.49	35.99	-15.50	54.00	18.01	AV	Vertical
3	4394.33	58.71	47.01	-11.70	74.00	26.99	PK	Vertical
4	4395.83	50.87	39.18	-11.69	54.00	14.82	AV	Vertical
5	5640.46	58.16	51.79	-6.37	74.00	22.21	PK	Vertical
6	5682.46	49.49	43.37	-6.12	54.00	10.63	AV	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Android PDA	Product Model:	N5501LAT
Test By:	Mike	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3372.73	51.67	35.80	-15.87	54.00	18.20	AV	Horizontal
2	3377.73	59.68	43.83	-15.85	74.00	30.17	PK	Horizontal
3	4540.35	51.45	40.32	-11.13	54.00	13.68	AV	Horizontal
4	4594.85	59.18	48.15	-11.03	74.00	25.85	PK	Horizontal
5	5604.46	50.09	43.50	-6.59	54.00	10.50	AV	Horizontal
6	5641.46	57.81	51.44	-6.37	74.00	22.56	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*