FCC REPORT

Applicant:	Todos Industrial Limited
Address of Applicant:	Room 308, building A3, Fuhai information port, Fuhai street, Bao'an District, Shenzhen City, Guangdong Province, 518000
Equipment Under Test (EUT)	
Product Name:	Netbook
Model No.:	Aprix AX11, Easytouch NET11.6, A11.6, B11.6, A116, B116, C116, N116, A12, A13, A14, A15, N11, N12, N13, N14, N15
Trade mark:	aprix,Easytouch,Geex,Todos, hiup
FCC ID:	2AZQ6-AN116
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	08 May, 2021
Date of Test:	09 May, to 22 Jun., 2021
Date of report issued:	24 Jun., 2021
Test Result:	PASS *

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

Authorized Signature:

Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2 Version

Version No.	Date	Description
00	*24 Jun., 2021*	*Original*

Tested by: Mike.ou ***Date:*** *24 Jun., 2021*

Test Engineer

Reviewed by: Winner zhang ***Date:*** *24 Jun., 2021*

Project Engineer

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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:	Todos Industrial Limited
Address:	Room 308, building A3, Fuhai information port, Fuhai street, Bao'an District, Shenzhen City, Guangdong Province, 518000
Manufacturer:	Todos Industrial Limited
Address:	Room 308, building A3, Fuhai information port, Fuhai street, Bao'an District, Shenzhen City, Guangdong Province, 518000

5.2 General Description of E.U.T.

Product Name:	Netbook
Model No.:	Aprix AX11, Easytouch NET11.6, A11.6, B11.6, A116, B116, C116, N116, A12, A13, A14, A15, N11, N12, N13, N14, N15
Power supply:	Rechargeable Li-ion Battery DC7.4V, 6000mAh
AC adapter:	Adapter 1: Model: YQ-1202500Z Input: AC100-240V, 50/60Hz, 0.7A Output: DC 12.0V, 2.5A Adapter 2: Model: YQ-1203000Z Input: AC100-240V, 50/60Hz, 0.7A Output: DC 12.0V, 3A
Remark:	Model No.: Aprix AX11, Easytouch NET11.6, A11.6, B11.6, A116, B116, C116, N116, A12, A13, A14, A15, N11, N12, N13, N14, N15 The internal circuit design, layout, components used and internal wiring are all the same, all trademarks correspond to all models, the only difference is the model name.
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
Charging+Playing mode	Keep the EUT in Charging+Playing(HDMI output) mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
PC mode	Keep the EUT in Downloading 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.

Test Samples Plans :

Samples Number	Used for Test Items
1#	Conducted Emission
2#	Radiated Emission
3#	EUT constructional details

Remark: *JianYan Testing Group Shenzhen Co., Ltd. is only responsible for the test project data of the above samples, and will keep the above samples for a month.*

5.4 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.20 dB (k=2)

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

N/A

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 17025:2005 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

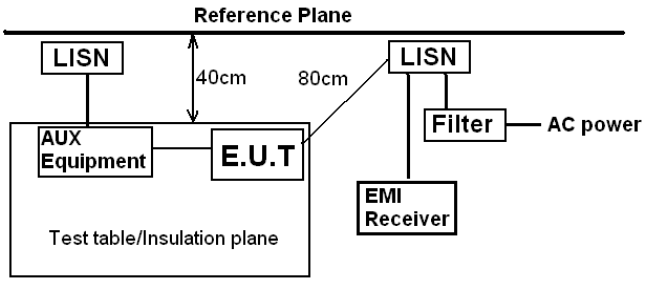
5.11 Test Instruments list

Radiated Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
3m SAC	ETS	9m*6m*6m	966	01-19-2021	01-18-2024
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-07-2020	03-06-2021
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-18-2020	06-17-2021
				06-18-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-18-2020	11-17-2021
EMI Test Software	AUDIX	E3	Version: 6.110919b		
Pre-amplifier	HP	8447D	2944A09358	03-03-2021	03-02-2022
Pre-amplifier	CD	PAP-1G18	11804	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-18-2020	11-17-2021
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-03-2021	03-02-2022
Cable	MICRO-COAX	MFR64639	K10742-5	03-03-2021	03-02-2022
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-03-2021	03-02-2022
10m SAC	ETS	RFSD-100-F/A	Q2005	03-31-2021	04-01-2024
BiConiLog Antenna	SCHWARZBECK	VULB 9168	1249	03-31-2021	04-01-2022
BiConiLog Antenna	SCHWARZBECK	VULB 9168	1250	03-31-2021	04-01-2022
EMI Test Receiver	R&S	ESR 3	102800	04-06-2021	04-07-2022
EMI Test Receiver	R&S	ESR 3	102802	04-06-2021	04-07-2022
Pre-amplifier	Bost	LNA 0920N	2016	04-06-2021	04-07-2022
Pre-amplifier	Bost	LNA 0920N	2019	04-06-2021	04-07-2022
Test Software	R&S	EMC32	Version: 10.50.40		

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	101189	03-03-2021	03-02-2022
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-03-2021	03-02-2022
LISN	CHASE	MN2050D	1447	03-03-2021	03-02-2022
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	06-18-2020	06-17-2021
				06-18-2021	06-17-2022
Cable	HP	10503A	N/A	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

6 Test results and Measurement Data

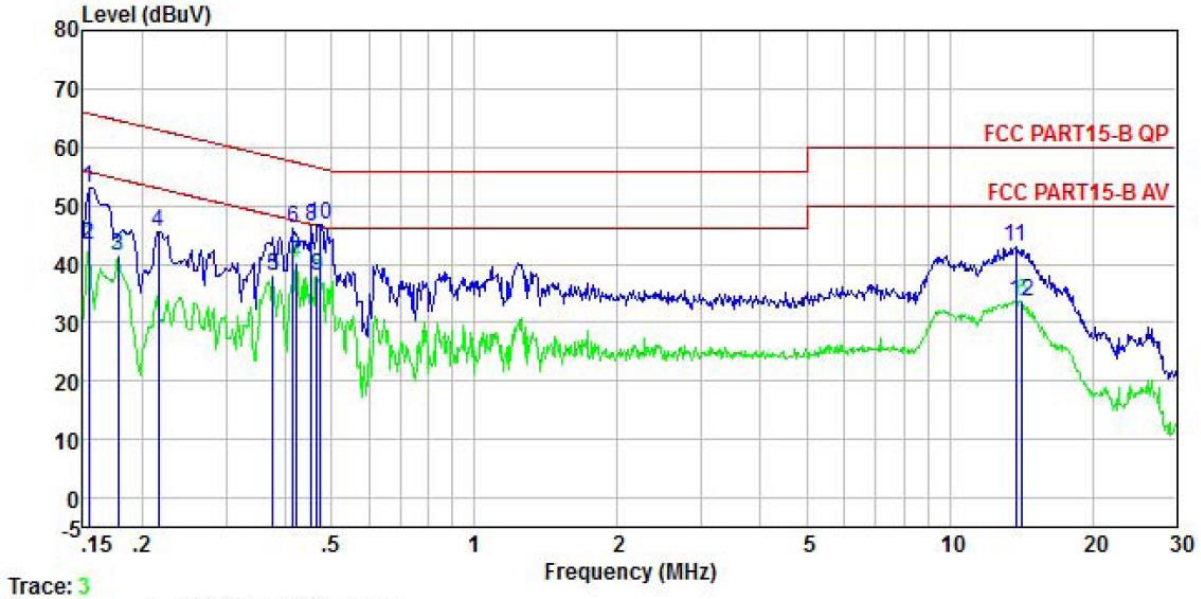
6.1 Conducted Emission

Test Requirement:	FCC Part 15 B Section 15.107		
Test Frequency Range:	150kHz to 30MHz		
Class / Severity:	Class B		
Receiver setup:	RBW=9kHz, VBW=30kHz		
Limit:	Frequency range (MHz)	Limit (dBµV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	0.5-30	60	50
	* Decreases with the logarithm of the frequency.		
Test setup:	 *Remark:* *E.U.T: Equipment Under Test* *LISN: Line Impedence Stabilization Network* *Test table height=0.8m*		
Test procedure	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.		
Test Instruments:	Refer to section 5.11 for details		
Test mode:	Refer to section 5.3 for details		
Test results:	Pass		

Measurement data:

Adapter 1:

Product name:	Netbook	**Product model:**	AX11
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%

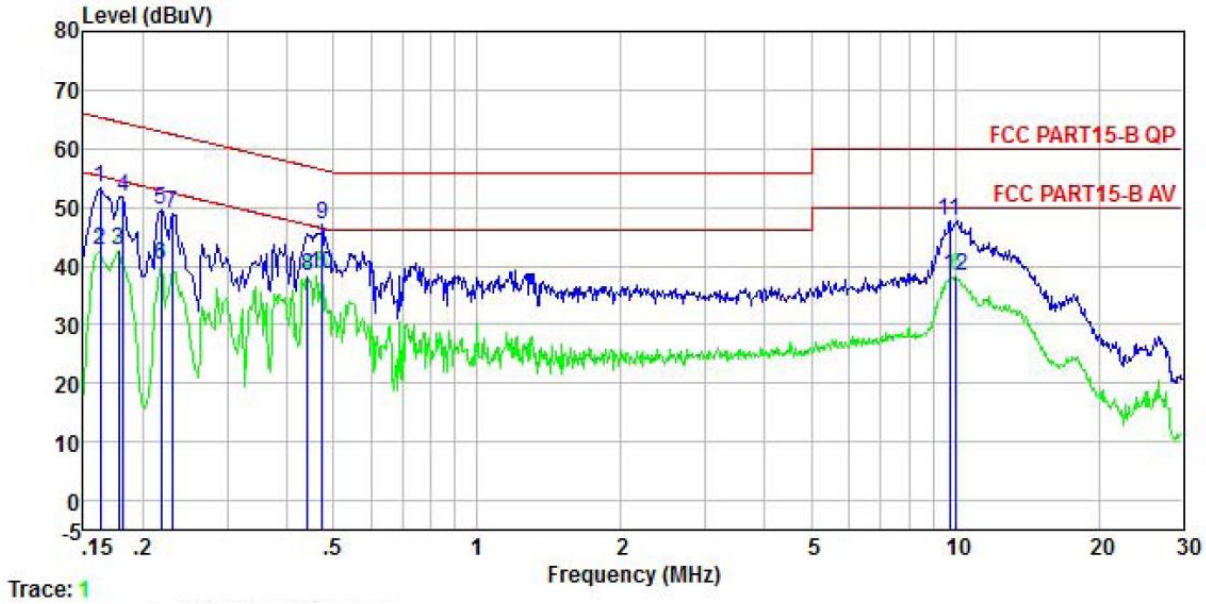


	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	43.03	10.12	-0.06	0.01	53.10	65.78	-12.68	QP
2	0.154	33.23	10.12	-0.06	0.01	43.30	55.78	-12.48	Average
3	0.178	31.27	10.13	-0.12	0.01	41.29	54.59	-13.30	Average
4	0.216	35.57	10.15	-0.18	0.03	45.57	62.96	-17.39	QP
5	0.377	27.43	10.27	0.27	0.03	38.00	48.34	-10.34	Average
6	0.415	35.54	10.29	0.31	0.04	46.18	57.55	-11.37	QP
7	0.421	29.57	10.30	0.25	0.04	40.16	47.42	-7.26	Average
8	0.454	36.25	10.32	-0.01	0.03	46.59	56.80	-10.21	QP
9	0.466	27.87	10.32	-0.12	0.03	38.10	46.58	-8.48	Average
10	0.471	36.69	10.33	-0.15	0.03	46.90	56.49	-9.59	QP
11	13.768	28.57	10.99	3.24	0.12	42.92	60.00	-17.08	QP
12	14.213	19.08	11.01	3.38	0.12	33.59	50.00	-16.41	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:	Netbook	**Product model:**	AX11
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%



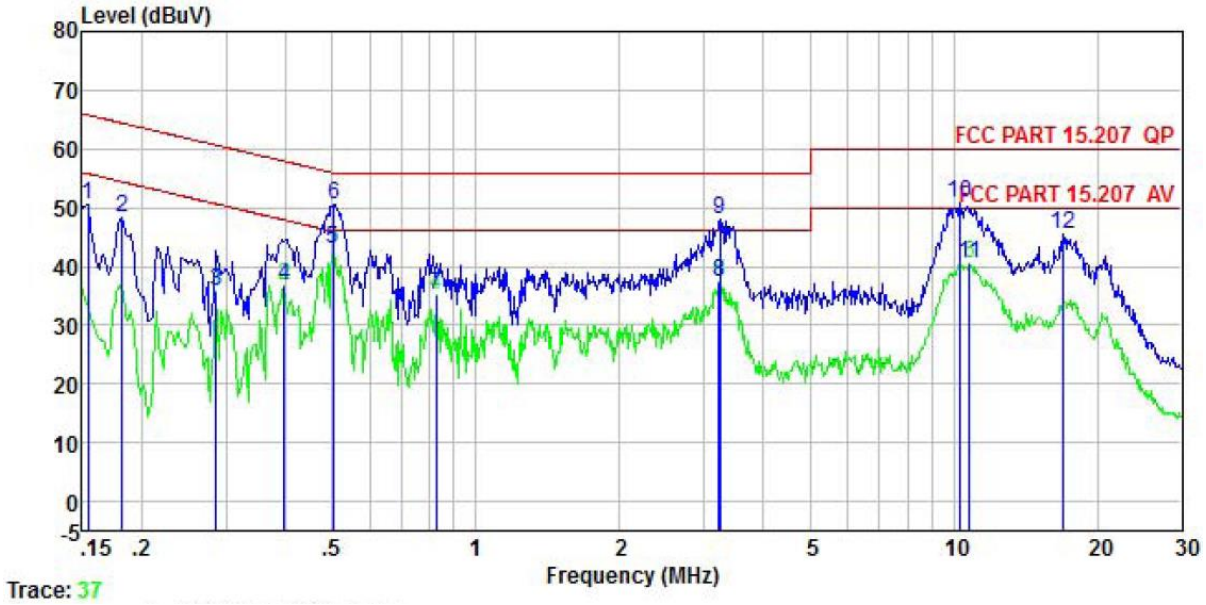
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.162	43.33	9.90	0.01	0.01	53.25	65.34	-12.09	QP
2	0.162	32.65	9.90	0.01	0.01	42.57	55.34	-12.77	Average
3	0.178	32.68	9.91	0.00	0.01	42.60	54.59	-11.99	Average
4	0.182	41.97	9.91	0.00	0.01	51.89	64.42	-12.53	QP
5	0.219	39.55	9.94	0.00	0.03	49.52	62.88	-13.36	QP
6	0.219	30.15	9.94	0.00	0.03	40.12	52.88	-12.76	Average
7	0.230	38.85	9.95	0.00	0.02	48.82	62.44	-13.62	QP
8	0.442	28.12	10.15	-0.02	0.03	38.28	47.02	-8.74	Average
9	0.474	36.95	10.18	0.01	0.03	47.17	56.45	-9.28	QP
10	0.474	28.39	10.18	0.01	0.03	38.61	46.45	-7.84	Average
11	9.757	35.03	11.22	1.36	0.13	47.74	60.00	-12.26	QP
12	10.072	25.55	11.23	1.40	0.13	38.31	50.00	-11.69	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.*

Adapter 2:

Product name:	Netbook	**Product model:**	AX11
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%

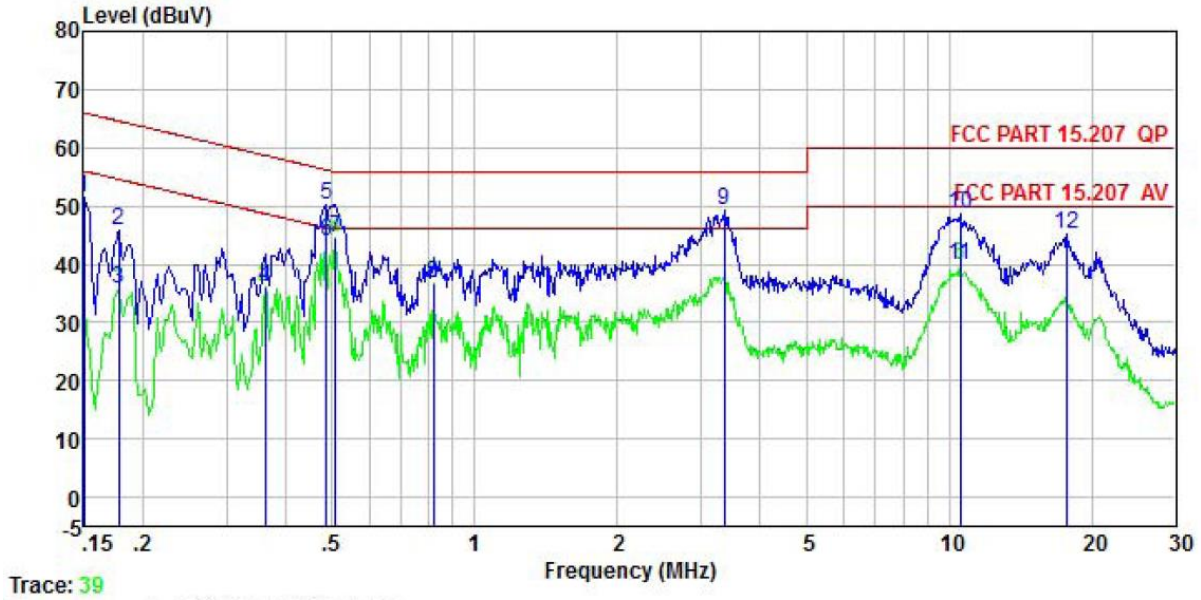


	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	40.53	10.12	-0.06	0.01	50.60	65.78	-15.18	QP
2	0.182	38.45	10.13	-0.12	0.01	48.47	64.42	-15.95	QP
3	0.286	25.79	10.20	-0.25	0.03	35.77	50.63	-14.86	Average
4	0.398	25.98	10.28	0.40	0.04	36.70	47.90	-11.20	Average
5	0.502	33.10	10.34	-0.35	0.03	43.12	46.00	-2.88	Average
6	0.505	40.37	10.34	-0.35	0.03	50.39	56.00	-5.61	QP
7	0.826	24.70	10.44	-0.01	0.03	35.16	46.00	-10.84	Average
8	3.224	26.97	10.59	-0.17	0.07	37.46	46.00	-8.54	Average
9	3.241	37.40	10.59	-0.16	0.07	47.90	56.00	-8.10	QP
10	10.288	37.83	10.84	2.05	0.13	50.85	60.00	-9.15	QP
11	10.790	27.26	10.87	2.25	0.12	40.50	50.00	-9.50	Average
12	16.928	31.61	11.10	2.52	0.16	45.39	60.00	-14.61	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.*

Product name:	Netbook	**Product model:**	AX11
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	0.150	41.68	9.89	0.01	0.01	51.59	66.00	-14.41	QP
2	0.178	36.04	9.91	0.00	0.01	45.96	64.59	-18.63	QP
3	0.178	26.00	9.91	0.00	0.01	35.92	54.59	-18.67	Average
4	0.361	25.95	10.08	-0.03	0.02	36.02	48.69	-12.67	Average
5	0.486	40.00	10.19	0.02	0.03	50.24	56.23	-5.99	QP
6	0.486	33.57	10.19	0.02	0.03	43.81	46.23	-2.42	Average
7	0.510	34.31	10.21	0.03	0.03	44.58	46.00	-1.42	Average
8	0.817	26.19	10.45	0.06	0.03	36.73	46.00	-9.27	Average
9	3.364	37.92	10.92	0.39	0.07	49.30	56.00	-6.70	QP
10	10.564	35.56	11.25	1.61	0.12	48.54	60.00	-11.46	QP
11	10.564	26.87	11.25	1.61	0.12	39.85	50.00	-10.15	Average
12	17.755	32.04	11.53	1.47	0.15	45.19	60.00	-14.81	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

Test Requirement:	FCC Part 15 B Section 15.109
Test Frequency Range:	30MHz to 6000MHz
Test site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)

Receiver setup:

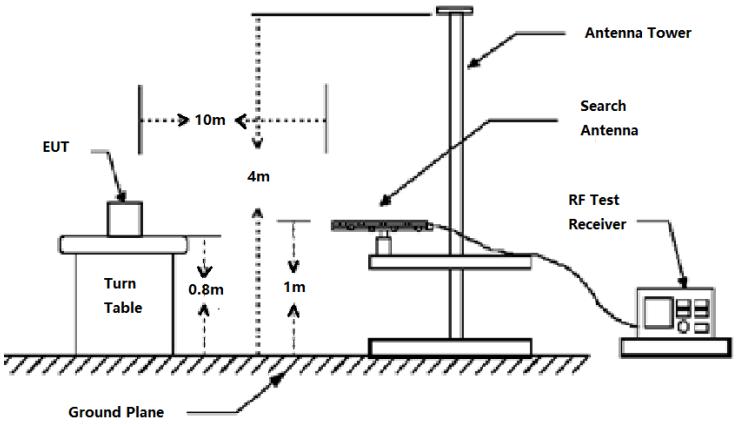
Frequency	Detector	RBW	VBW	Remark
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value
Above 1GHz	Peak	1MHz	3MHz	Peak Value
	RMS	1MHz	3MHz	Average Value

Limit:

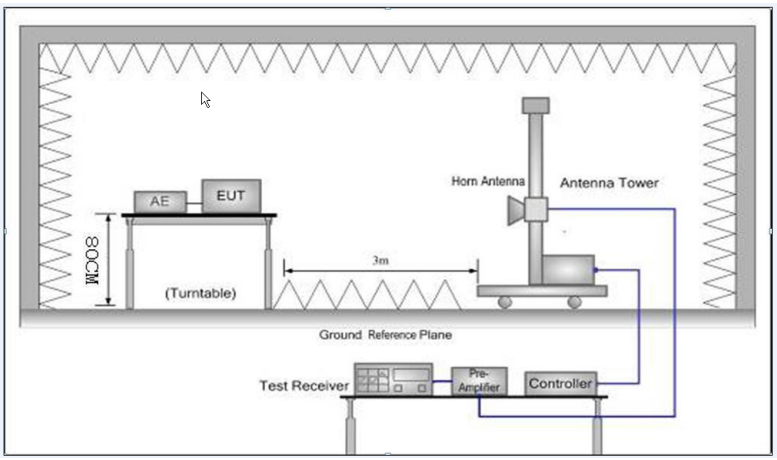
Frequency	Limit (dBuV/m @10m)	Remark
30MHz-88MHz	30.0	Quasi-peak Value
88MHz-216MHz	33.5	Quasi-peak Value
216MHz-960MHz	36.0	Quasi-peak Value
960MHz-1GHz	44.0	Quasi-peak Value
Frequency	Limit (dBuV/m @3m)	Remark
Above 1GHz	54.0	Average Value
	74.0	Peak Value

Test setup:

Below 1GHz



Above 1GHz



Test Procedure:

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter chamber (below 1GHz)or 3 meter chamber(above 1GHz). The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 10 meters(below 1GHz) or 3 meters(above 1GHz) 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 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

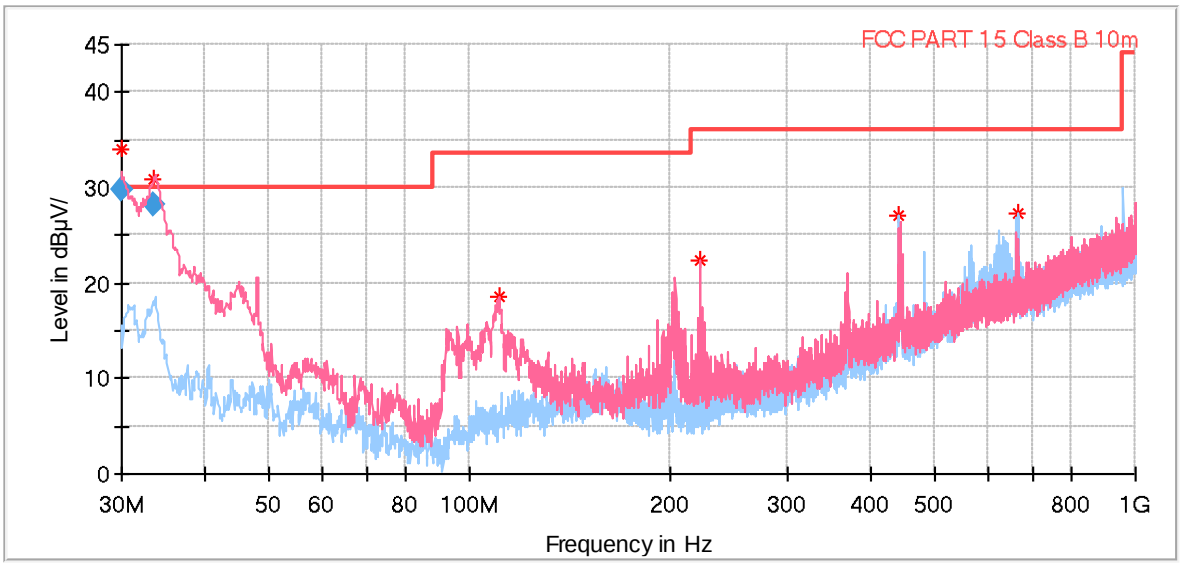
Measurement Data:

Adapter 1:

Below 1GHz:

Product Name:	Netbook	**Product Model:**	AX11
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical & Horizontal
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.000000	34.07	30.00	-3.17	125.0	V	25.0	-17.7
33.503000	30.91	30.00	-0.55	116.0	V	46.0	-17.0
110.413000	18.58	33.50	14.92	100.0	V	274.0	-17.9
221.381000	22.32	36.00	13.68	100.0	V	142.0	-17.0
441.474000	27.10	36.00	8.90	100.0	H	262.0	-10.6
665.738000	27.21	36.00	8.79	100.0	H	73.0	-5.6

Final_Result

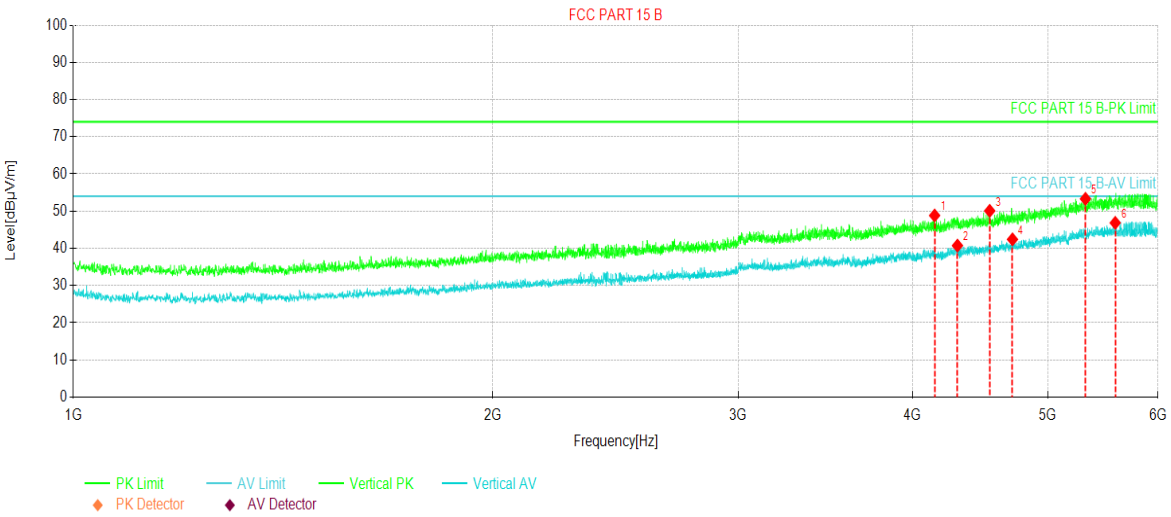
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.000000	29.67	30.00	0.33	125.0	V	25.0	-17.7
33.503000	28.12	30.00	1.88	116.0	V	46.0	-17.0

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.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Above 1GHz:

Product Name:	Netbook	**Product Model:**	AX11
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%

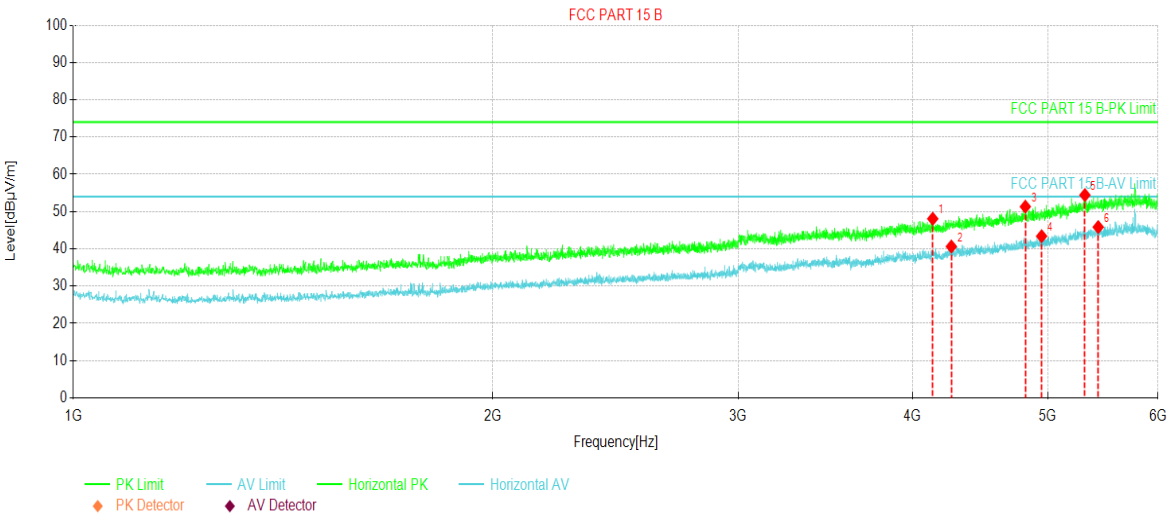


NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	4148.75	57.38	48.83	-8.55	74.00	25.17	PK	Vertical
2	4308.12	48.93	40.74	-8.19	54.00	13.26	AV	Vertical
3	4543.75	57.22	50.08	-7.14	74.00	23.92	PK	Vertical
4	4718.12	48.35	42.42	-5.93	54.00	11.58	AV	Vertical
5	5322.50	55.34	53.30	-2.04	74.00	20.70	PK	Vertical
6	5590.62	48.17	46.85	-1.32	54.00	7.15	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:	Netbook	**Product Model:**	AX11
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%



NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	4136.25	56.83	48.07	-8.76	74.00	25.93	PK	Horizontal
2	4265.00	48.85	40.61	-8.24	54.00	13.39	AV	Horizontal
3	4819.37	56.89	51.31	-5.58	74.00	22.69	PK	Horizontal
4	4950.62	48.19	43.39	-4.80	54.00	10.61	AV	Horizontal
5	5317.50	56.50	54.43	-2.07	74.00	19.57	PK	Horizontal
6	5436.25	47.85	45.83	-2.02	54.00	8.17	AV	Horizontal

Remark:

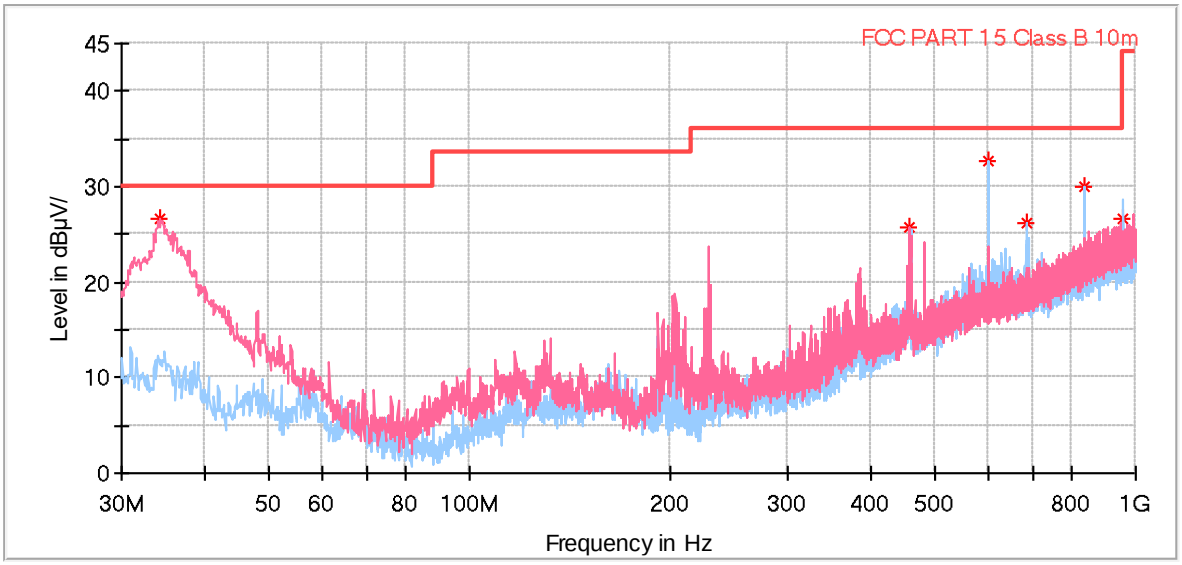
1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Adapter 2:

Below 1GHz:

Product Name:	Netbook	**Product Model:**	AX11
Test By:	Mike	**Test mode:**	PC mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical & Horizontal
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

Full Spectrum



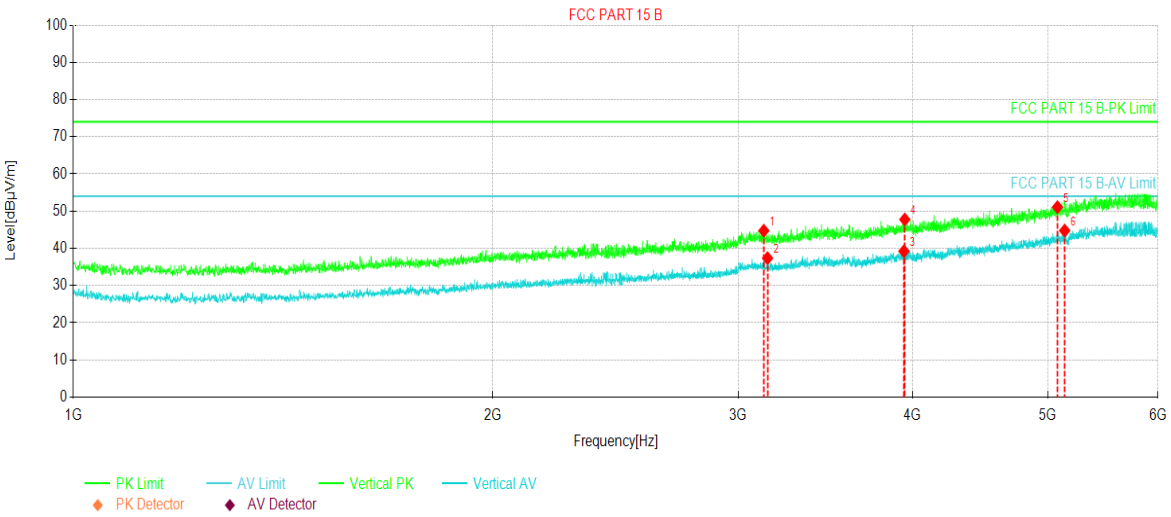
Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.268000	26.63	30.00	3.37	100.0	V	89.0	-16.9
456.315000	25.74	36.00	10.26	100.0	V	0.0	-9.7
600.069000	32.58	36.00	3.42	100.0	H	32.0	-6.6
683.877000	26.27	36.00	9.73	100.0	H	328.0	-5.3
836.555000	29.92	36.00	6.08	100.0	H	0.0	-2.5
959.939000	26.55	36.00	9.45	100.0	H	168.0	-0.6

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.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Above 1GHz:

Product Name:	Netbook	**Product Model:**	AX11
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%

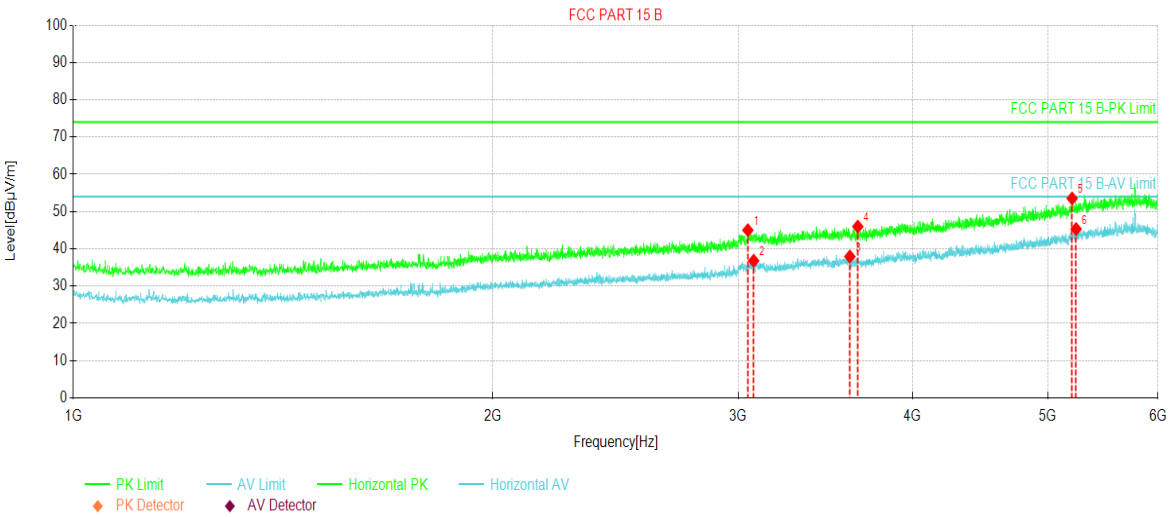


NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3128.75	58.11	44.73	-13.38	74.00	29.27	PK	Vertical
2	3148.12	50.72	37.37	-13.35	54.00	16.63	AV	Vertical
3	3943.75	48.86	39.23	-9.63	54.00	14.77	AV	Vertical
4	3949.37	57.29	47.76	-9.53	74.00	26.24	PK	Vertical
5	5081.87	55.12	51.07	-4.05	74.00	22.93	PK	Vertical
6	5142.50	48.60	44.77	-3.83	54.00	9.23	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:	Netbook	**Product Model:**	AX11
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%



NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3047.50	58.63	45.00	-13.63	74.00	29.00	PK	Horizontal
2	3076.87	50.30	36.79	-13.51	54.00	17.21	AV	Horizontal
3	3606.87	49.57	37.94	-11.63	54.00	16.06	AV	Horizontal
4	3654.37	57.44	45.96	-11.48	74.00	28.04	PK	Horizontal
5	5206.25	56.51	53.53	-2.98	74.00	20.47	PK	Horizontal
6	5241.25	47.63	45.31	-2.32	54.00	8.69	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.*