

## **TEST REPORT**

**Product Name** : wireless card

**Brand Mark** : N/A

AC1200, AC1200-A, AC1200-B,

Model No. : AC1200-C, AC1200-D, AC1200-E, AC300,

AC600, AC900, AC1900, AC2400

FCC ID : 2AZGQ-AC1200

**Report Number** : BLA-EMC-202103-A8002

Date of Sample Receipt : 2021/3/23

**Date of Test** : 2021/3/23 to 2021/4/16

Date of Issue : 2021/4/16

**Test Standard** : 47 CFR Part 15, Subpart C 15.247

**Test Result** : Pass

#### Prepared for:

## Shenzhen Zoolan Technology Co.,Ltd

Floor 4, Building A5, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong Prepared by:

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## REPORT REVISE RECORD

Version No.	Date	Description	
00	2021/4/16	Original	





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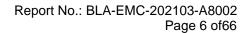
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## 1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
Conducted Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass
Conducted Band Edges Measurement	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2	NSI C63.10 2013) Section 47 CFR Part 15, Subpart C .8.8 & Section 15.247(d)	
Minimum 6dB Bandwidth	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.8.1	47 CFR Part 15, Subpart C 15.247a(2)	Pass
Power Spectrum Density	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.10.2	47 CFR Part 15, Subpart C 15.247(e)	Pass
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.5 & Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(1) & 15.247(b)(3)	Pass
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(c)	Pass
Radiated Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass





## 2 GENERAL INFORMATION

Applicant	Shenzhen Zoolan Technology Co.,Ltd		
Address	Floor 4, Building A5, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong		
Manufacturer	Shenzhen Zoolan Technology Co.,Ltd		
Address	Floor 4, Building A5, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong		
Factory	Shenzhen Zoolan Technology Co.,Ltd		
Address	Floor 4, Building A5, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong		
Product Name	wireless card		
Test Model No.	AC1200		

## 3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	V1.1
Software Version	V1.0
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz 802.11n(HT40): 2422MHz to 2452MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Channel Spacing:	5MHz
Number of Channels:	802.11b/g/n(HT20):11 802.11n(HT40):7
Data speed (IEEE 802.11b):	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data speed (IEEE 802.11g):	6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps
Data speed (IEEE 802.11n):	Up to 300 Mbps
Antenna Type:	External Antenna
Antenna Gain:	3dBi(Provided by customer)



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## 4 TEST ENVIRONMENT

Environment	Temperature	Voltage
Normal	24°C	DC5V

## 5 TEST MODE

TEST MODE	TEST MODE DESCRIPTION			
Transmitting mode	Keep the EUT in continuously transmitting mode			
Remark:Only the data of the worst mode would be recorded in this report. During the test, the dutycycle >98%				

## **6 MEASUREMENT UNCERTAINTY**

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission(9kHz-30MHz)	±4.34dB
Radiated Emission(30Mz-1000MHz)	±4.24dB
Radiated Emission(1GHz-18GHz)	±4.68dB
AC Power Line Conducted Emission(150kHz-30MHz)	±3.45dB



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## 7 DESCRIPTION OF SUPPORT UNIT

Device Type	Manufacturer	Model Name	Serial No.	Remark
PC	HASEE	K610D	N/A	N/A

## **8 LABORATORY LOCATION**

All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China

Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673

No tests were sub-contracted.



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## 9 TEST INSTRUMENTS LIST

Test Equipment Of Conducted Spurious Emissions					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Spectrum	Agilent	N9020A	MY49100060	2020/10/12	2021/10/11
Signal Generator	Agilent	N5182A	MY49060650	2020/10/12	2021/10/11
Signal Generator	Agilent	E8257D	MY44320250	2020/10/12	2021/10/11

Test Equipment Of Conducted Band Edges Measurement					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Spectrum	Agilent	N9020A	MY49100060	2020/10/12	2021/10/11
Signal Generator	Agilent	N5182A	MY49060650	2020/10/12	2021/10/11
Signal Generator	Agilent	E8257D	MY44320250	2020/10/12	2021/10/11

Test Equipment Of Minimum 6dB Bandwidth					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Spectrum	Agilent	N9020A	MY49100060	2020/10/12	2021/10/11
Signal Generator	Agilent	N5182A	MY49060650	2020/10/12	2021/10/11
Signal Generator	Agilent	E8257D	MY44320250	2020/10/12	2021/10/11

Test Equipment Of Power Spectrum Density					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due



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Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Spectrum	Agilent	N9020A	MY49100060	2020/10/12	2021/10/11
Signal Generator	Agilent	N5182A	MY49060650	2020/10/12	2021/10/11
Signal Generator	Agilent	E8257D	MY44320250	2020/10/12	2021/10/11

Test Equipment Of Conducted Peak Output Power					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Spectrum	Agilent	N9020A	MY49100060	2020/10/12	2021/10/11
Signal Generator	Agilent	N5182A	MY49060650	2020/10/12	2021/10/11
Signal Generator	Agilent	E8257D	MY44320250	2020/10/12	2021/10/11

Test Equipment Of Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Shield room	SKET	833	N/A	2020/11/25	2023/11/24
Receiver	R&S	ESPI3	101082	2020/10/12	2021/10/11
LISN	R&S	ENV216	3560.6550.15	2020/10/12	2021/10/11
LISN	AT	AT166-2	AKK1806000003	2020/10/12	2021/10/11
EMI software	EZ	EZ-EMC	EEMC-3A1	N/A	N/A

Test Equipment Of Radiated Spurious Emissions					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Chamber	SKET	966	N/A	2020/11/10	2023/11/9
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11



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Receiver	R&S	ESR7	101199	2020/10/12	2021/10/11
broadband Antenna	Schwarzbeck	VULB9168	00836 P:00227	2020/9/26	2022/9/25
Horn Antenna	Schwarzbeck	9120D	01892 P:00331	2020/9/26	2022/9/25
Amplifier	SKET	PA-000318G-45	N/A	2020/10/16	2021/10/15
EMI software	EZ	EZ-EMC	EEMC-3A1	N/A	N/A
Loop antenna	SCHNARZBECK	FMZB1519B	00102	2020/9/26	2022/9/25
Controller	SKET	N/A	N/A	N/A	N/A
Coaxial Cable	BlueAsia	BLA-XC-02	N/A	N/A	N/A
Coaxial Cable	BlueAsia	BLA-XC-03	N/A	N/A	N/A
Coaxial Cable	BlueAsia	BLA-XC-01	N/A	N/A	N/A

Test Equipment Of Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Chamber	SKET	966	N/A	2020/11/10	2023/11/9
Spectrum	R&S	FSP40	100817	2020/10/12	2021/10/11
Receiver	R&S	ESR7	101199	2020/10/12	2021/10/11
broadband Antenna	Schwarzbeck	VULB9168	00836 P:00227	2020/9/26	2022/9/25
Horn Antenna	Schwarzbeck	9120D	01892 P:00331	2020/9/26	2022/9/25
Amplifier	SKET	PA-000318G-45	N/A	2020/10/16	2021/10/15
EMI software	EZ	EZ-EMC	EEMC-3A1	N/A	N/A
Loop antenna	SCHNARZBECK	FMZB1519B	00102	2020/9/26	2022/9/25
Controller	SKET	N/A	N/A	N/A	N/A
Coaxial Cable	BlueAsia	BLA-XC-02	N/A	N/A	N/A



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Coaxial Cable	BlueAsia	BLA-XC-03	N/A	N/A	N/A
Coaxial Cable	BlueAsia	BLA-XC-01	N/A	N/A	N/A





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#### 1 CONDUCTED SPURIOUS EMISSIONS

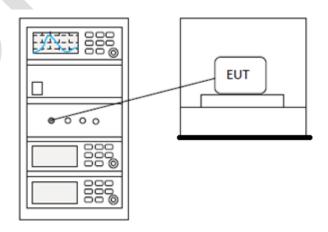
Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11			
Test Mode (Pre-Scan)	гх			
Test Mode (Final Test)	TX			
Tester	Jozu			
Temperature	25℃			
Humidity	60%			

#### 1.1 LIMITS

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in \$15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in \$15.205(a), must also comply with the radiated emission limits specified in \$15.209(a) (see \$15.205(c)).

#### 1.2 BLOCK DIAGRAM OF TEST SETUP





## 1.3 TEST DATA





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#### 2 CONDUCTED BAND EDGES MEASUREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2			
Test Mode (Pre-Scan)	гх			
Test Mode (Final Test)	TX			
Tester	Jozu			
Temperature	25℃			
Humidity	60%			

#### 2.1 LIMITS

Limit:

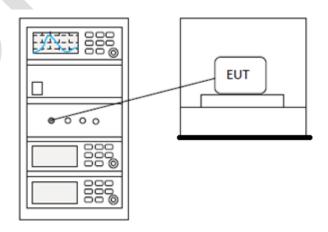
spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the

restricted bands, as defined in §15.205(a), must also comply with the radiated

emission limits specified in §15.209(a) (see §15.205(c)).

In any 100 kHz bandwidth outside the frequency band in which the spread

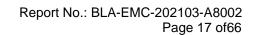
#### 2.2 BLOCK DIAGRAM OF TEST SETUP





## 2.3 TEST DATA







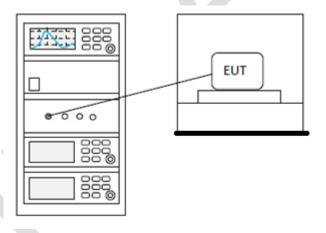
3 MINIMUM 6DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 11.8.1			
Test Mode (Pre-Scan)	TX			
Test Mode (Final Test)	TX			
Tester	Jozu			
Temperature	25℃			
Humidity	60%			

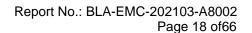
## 3.1 LIMITS

Limit:	≥500 kHz	
1 / 1 / 1 / 1 / 1 / 1		
	_500 K112	

#### 3.2 BLOCK DIAGRAM OF TEST SETUP



#### 3.3 TEST DATA





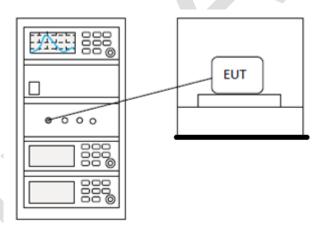
## 4 POWER SPECTRUM DENSITY

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.10.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

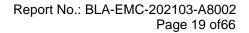
#### 4.1 LIMITS

**Limit:** ≤8dBm in any 3 kHz band during any time interval of continuous transmission

#### 4.2 BLOCK DIAGRAM OF TEST SETUP



#### 4.3 TEST DATA





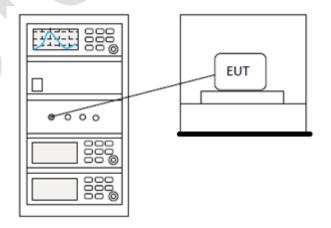
5 CONDUCTED PEAK OUTPUT POWER

Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 7.8.5 & Section 11.9.1			
Test Mode (Pre-Scan)	TX			
Test Mode (Final Test)	TX			
Tester	Jozu			
Temperature	<b>25</b> ℃			
Humidity	60%			

#### 5.1 LIMITS

Frequency range(MHz)	Output power of the intentional radiator(watt)			
	1 for ≥50 hopping channels			
902-928	0.25 for 25≤ hopping channels <50			
	1 for digital modulation			
	1 for ≥75 non-overlapping hopping channels			
2400-2483.5	0.125 for all other frequency hopping systems			
	1 for digital modulation			
5725 5050	1 for frequency hopping systems and digital			
5725-5850	modulation			

## 5.2 BLOCK DIAGRAM OF TEST SETUP





## 5.3 TEST DATA





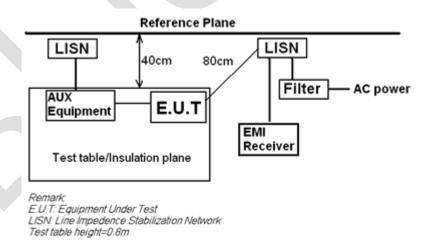
## 6 CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	<b>25</b> ℃
Humidity	60%

#### 6.1 LIMITS

Frequency of	Conducted limit(dBµV)					
emission(MHz)	Quasi-peak	Average				
0.15-0.5	66 to 56*	56 to 46*				
0.5-5	56	46				
5-30	60	50				
*Decreases with the logarithm	of the frequency.					

#### 6.2 BLOCK DIAGRAM OF TEST SETUP



#### 6.3 PROCEDURE

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.



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3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

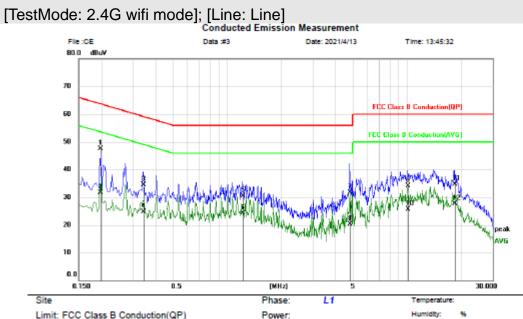
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor



#### **TEST DATA** 6.4



Limit: FCC Class B Conduction(QP)

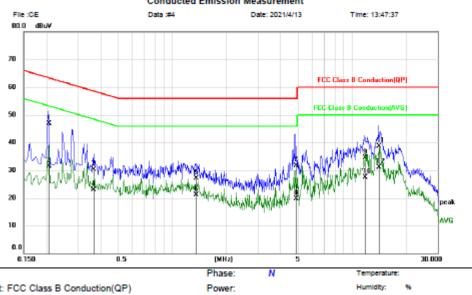
EUT: wireless card M/N: AC1200 Mode: 2.4G wifi mode

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 1	0.1980	37.74	9.83	47.57	63.69	-16.12	QP	
2	0.1980	21.78	9.83	31.61	53.69	-22.08	AVG	
3	0.3420	24.58	9.85	34.43	59.15	-24.72	QP	
4	0.3420	14.87	9.85	24.72	49.15	-24.43	AVG	
5	1.2180	20.49	9.92	30.41	56.00	-25.59	QP	
6	1.2180	14.33	9.92	24.25	46.00	-21.75	AVG	
7	4.7980	21.65	10.01	31.66	56.00	-24.34	QP	
8	4.7980	10.34	10.01	20.35	46.00	-25.65	AVG	
9	10.0780	23.92	10.22	34.14	60.00	-25.86	QP	
10	10.0780	15.58	10.22	25.80	50.00	-24.20	AVG	
11	18.3660	24.22	10.40	34.62	60.00	-25.38	QP	
12	18.3660	17.31	10.40	27.71	50.00	-22.29	AVG	

**Test Result: Pass** 



# [TestMode: Operation(wireless)]; [Line: Neutral] Conducted Emission Measurement



Limit: FCC Class B Conduction(QP)

EUT: wireless card M/N: AC1200 Mode: 2.4G wifi mode

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.2060	37.20	9.75	46.95	63.37	-16.42	QP	
2	0.2080	21.80	9.75	31.55	53.37	-21.82	AVG	
3	0.3660	20.52	9.78	30.30	58.59	-28.29	QP	
4	0.3660	13.13	9.78	22.91	48.59	-25.68	AVG	
5	1.3540	17.35	9.85	27.20	56.00	-28.80	QP	
6	1.3540	11.29	9.85	21.14	46.00	-24.86	AVG	
7	4.8820	21.69	9.95	31.64	56.00	-24.36	QP	
8	4.8820	9.71	9.95	19.66	46.00	-26.34	AVG	
9	11.7860	24.34	10.22	34.56	60.00	-25.44	QP	
10	11.7860	17.25	10.22	27.47	50.00	-22.53	AVG	
11	14.0940	28.36	10.27	38.63	60.00	-21.37	QP	
12	14.0940	20.85	10.27	31.12	50.00	-18.88	AVG	

**Test Result: Pass** 



#### 7 ANTENNA REQUIREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

#### 7.1 CONCLUSION

## Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### **EUT Antenna:**

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 3.0dBi.





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#### 8 RADIATED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247				
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6				
Test Mode (Pre-Scan)	TX mode (SE) below 1G;TX mode (SE) Above 1G				
Test Mode (Final Test)	TX mode (SE) below 1G;TX mode (SE) Above 1G				
Tester	Jozu				
Temperature	<b>25</b> ℃				
Humidity	60%				

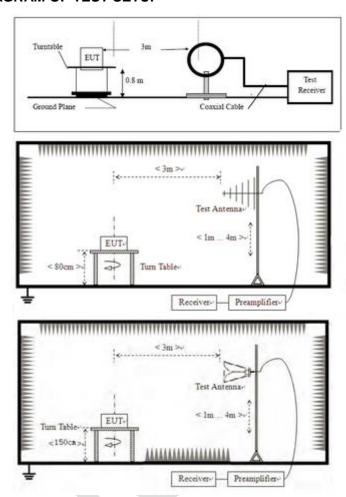
#### 8.1 LIMITS

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)		
0.009-0.490	2400/F(kHz)	300		
0.490-1.705	24000/F(kHz)	30		
1.705-30.0	30	30		
30-88	100	3		
88-216	150	3		
216-960	200	3		
Above 960	500	3		

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



#### 8.2 BLOCK DIAGRAM OF TEST SETUP



#### 8.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. 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.
- e. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. 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.



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h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

#### Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) 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

- 3) Scan from 9kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. fundamental frequency is blocked by filter, and only spurious emission is shown.
- 4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

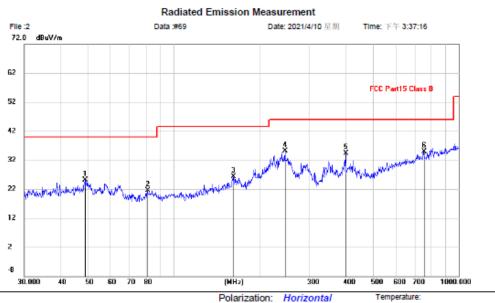


#### 8.4 TEST DATA

#### ■ Below 1GHz

Mode: Transmitting mode Polarziation: Horizontal

Temp./Hum.(%H): 26℃/56%RH



Site Limit: FCC Part15 Class B

EUT: wireless card M/N: AC1200

Mode: 2.4G WIFI mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		49.0145	1.58	23.60	25.18	40.00	-14.82	QP			
2		80.9275	2.07	19.50	21.57	40.00	-18.43	QP			
3		162.0414	3.38	22.92	26.30	43.50	-17.20	QP			
4	*	245.9509	12.48	22.70	35.18	46.00	-10.82	QP			
5		400.4319	7.11	27.28	34.39	46.00	-11.61	QP			
6		752.7432	1.65	33.26	34.91	46.00	-11.09	QP			

Power:

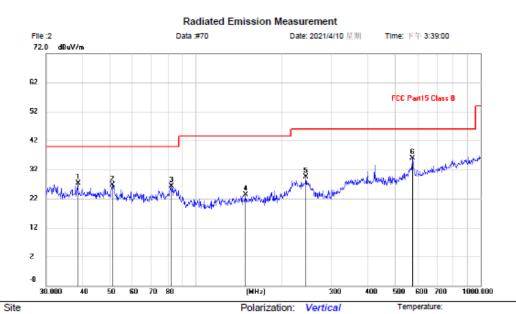


Humidity:

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Mode: Transmitting mode Polarziation: Vertical

Temp./Hum.(%H): 26℃/56%RH



Limit: FCC Part15 Class B

EUT: wireless card M/N: AC1200

Mode: 2.4G WIFI mode

Note:

No. I	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		38.7518	3.61	23.69	27.30	40.00	-12.70	QP			
2		51.3005	3.17	23.53	26.70	40.00	-13.30	QP			
3		82.3588	6.84	19.43	26.27	40.00	-13.73	QP			
4	1	150.0108	0.11	23.21	23.32	43.50	-20.18	QP			
5	2	244.2321	6.73	22.71	29.44	46.00	-16.56	QP			
6	* [	576.6443	5.24	30.61	35.85	46.00	-10.15	QP			

Power:



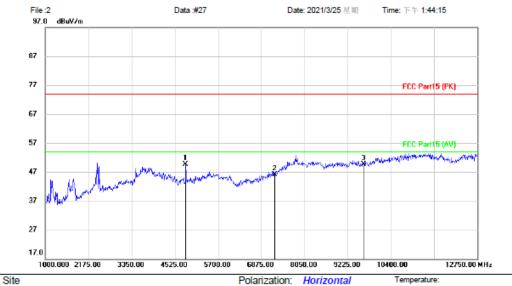
#### ■ Above 1GHz

■ Remark: During the test, pre-scan the 802.11b/g/n mode, and found the 802.11b mode ANT2 which it is worse case.

## 802.11B (worst case of ANT2)

#### lowest channel

#### Radiated Emission Measurement



Limit: FCC Part15 (PK) EUT: wireless card

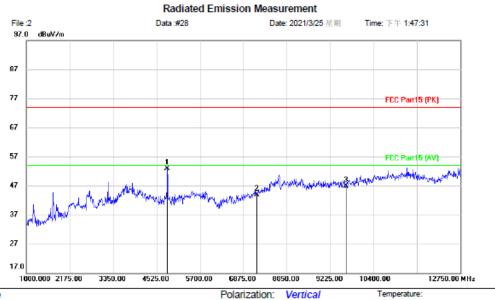
M/N: AC1200 Mode: 2.4G-B-L

Note:

No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4818.750	46.65	3.00	49.65	74.00	-24.35	peak			
2		7236.000	39.90	6.11	46.01	74.00	-27.99	peak			
3	*	9648.000	39.52	10.23	49.75	74.00	-24.25	peak			

Power:





Site Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: 2.4G-B-L

Note:

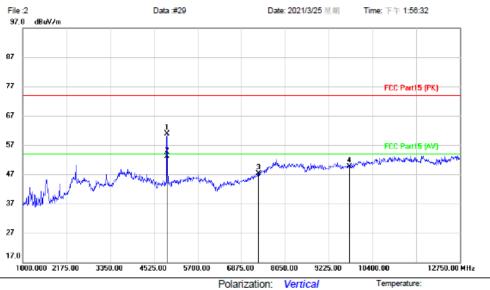
Reading Correct Measure-Antenna Table No. Mk. Limit Over Freq. Level Factor ment Height Degree MHz dBuV dB dBuV/m dBuV/m dB Detector Comment 1 4818.750 49.95 3.00 52.95 74.00 -21.05 peak 6.11 43.82 2 7236.000 37.71 74.00 -30.18 peak -27.15 peak 3 9648.000 36.62 10.23 46.85 74.00

Power:



#### Middle channel

#### Radiated Emission Measurement



Site

Limit: FCC Part15 (PK) EUT: wireless card

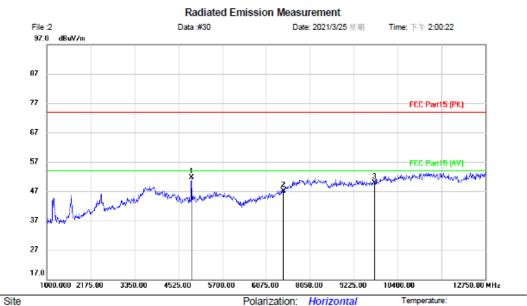
M/N: AC1200 Mode: 2.4G-B-M

Note:

-	lo.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1		4877.500	58.17	2.82	60.99	74.00	-13.01	peak			
	2	*	4877.500	50.22	2.82	53.04	54.00	-0.96	AVG			
	3		7326.000	40.47	6.92	47.39	74.00	-26.61	peak			
	4		9768.000	38.80	10.94	49.74	74.00	-24.26	peak			

Power:





Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: 2.4G-B-M

Note:

No.	Mk.	Freq.			Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	4877.500	48.80	2.82	51.62	74.00	-22.38	peak			
2		7326.000	40.10	6.92	47.02	74.00	-26.98	peak			
3		9768 000	38 92	10.94	49.86	74 00	-24 14	neak			

Power:

Temperature:

Humidity:



## **Highest channel**

#### Radiated Emission Measurement



Polarization: Horizontal

Site

Limit: FCC Part15 (PK) EUT: wireless card

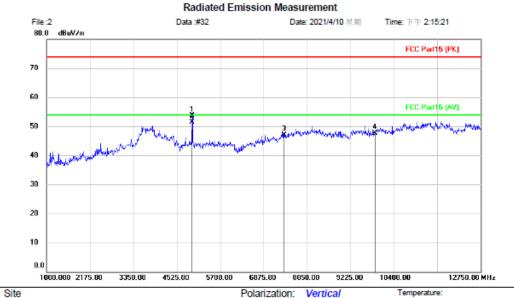
M/N: AC1200 Mode: 2.4G-B-H

Note:

No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	4948.000	48.38	3.65	52.03	74.00	-21.97	peak			
2		7416.000	39.96	6.79	46.75	74.00	-27.25	peak			
3		9888.000	38.42	10.04	48.46	74.00	-25.54	peak			

Power:





Limit: FCC Part15 (PK)

EUT: wireless card

M/N: AC1200 Mode: 2.4G-B-H

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4936.250	50.17	3.56	53.73	74.00	-20.27	peak			
2	*	4936.250	47.92	3.56	51.48	54.00	-2.52	AVG			
3		7416.000	40.27	6.79	47.06	74.00	-26.94	peak			
4		9888 000	37 71	10 04	47 75	74 00	-26 25	peak			

Power:



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## 9 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.10.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	<b>25</b> ℃
Humidity	60%

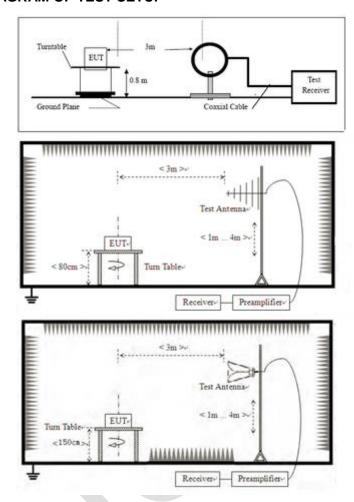
#### 9.1 LIMITS

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



#### 9.2 BLOCK DIAGRAM OF TEST SETUP



#### 9.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. 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.
- e. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. 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.



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h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

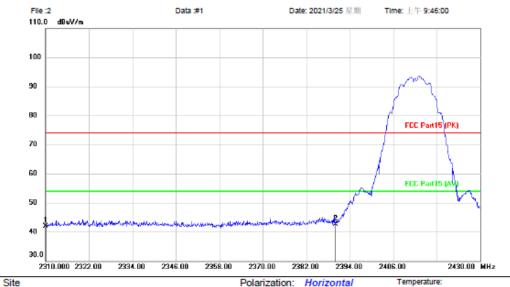


## 9.4 TEST DATA

## 802.11b (worst case of ANT1)

#### lowest channel





Limit: FCC Part15 (PK)

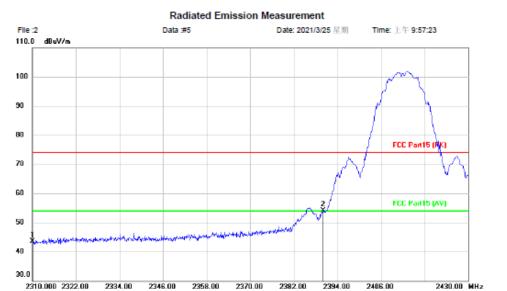
EUT: wireless card M/N: AC1200

M/N: AC1200 Mode: B-L Note:

Polarization:	Horizontal	Temperature:	
Power:		Humidity:	%

No.	Mk.	. Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	47.20	-5.28	41.92	74.00	-32.08	peak			
2	*	2390.000	47.48	-4.96	42.52	74.00	-31.48	peak			





Site Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: B-L Note: Polarization: Vertical Temperature:
Power: Humldity: %

	No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1		2310.000	48.79	-5.28	43.51	74.00	-30.49	peak			
_	2	*	2390.000	58.98	-4.96	54.02	74.00	-19.98	peak			





## **AVG Value**





Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200

Mode: B-L Note:

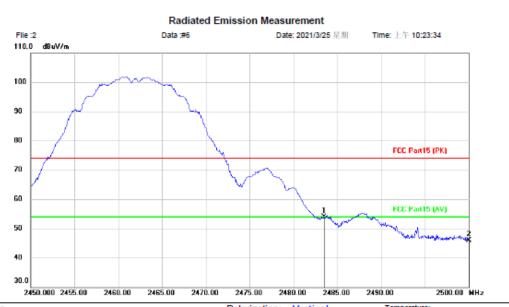
Polarization:	Vertical	Temperature:	
Power:		Humidity:	9

No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	36.67	-5.28	31.39	54.00	-22.61	AVG			
2	ż	2390.000	48.29	-4.96	43.33	54.00	-10.67	AVG			





# **Highest channel**



Site Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200

Mode: B-H Note:

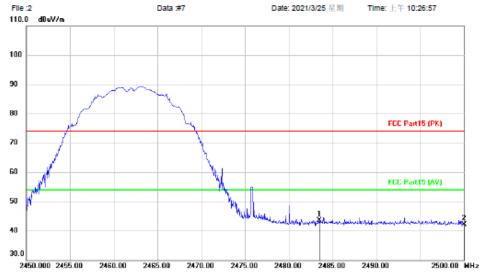
Polarization:	verticai	remperature.	
Power:		Humidity:	%

	No.	Mk.	Freq.		Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
-	1	*	2483.500	58.45	-4.56	53.89	74.00	-20.11	peak			
	2		2500.000	50.49	-4.50	45.99	74.00	-28.01	peak			









Site Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200

Mode: B-H Note:

Polarization:	Horizontal	Temperature:	
Power:		Humidity:	%

	No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
-			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	*	2483.500	47.97	-4.56	43.41	74.00	-30.59	peak			
	2		2500.000	46.69	-4.50	42.19	74.00	-31.81	peak			_



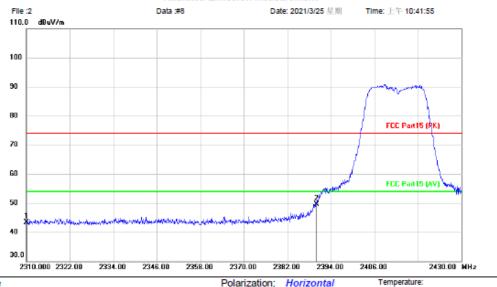


#### 802.11G

#### lowest channel

## **Peak Value**

#### Radiated Emission Measurement



Site Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: G-L Note:

Polarization: Horizontal Power:

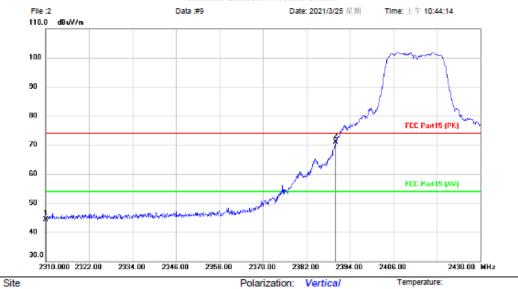
Humidity: Distance: 3m

No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	48.61	-5.28	43.33	74.00	-30.67	peak			
2	*	2390.000	54.43	-4.96	49.47	74.00	-24.53	peak			









Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: G-L Note:

-	Antenna	Table		_

Humidity:

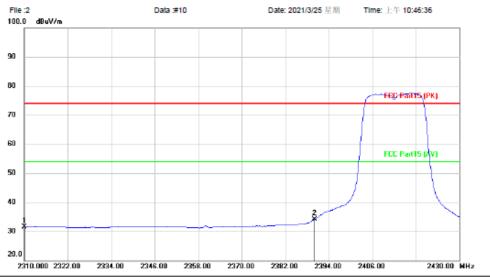
N	0.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1		2310.000	49.51	-5.28	44.23	74.00	-29.77	peak			
	2	*	2390.000	75.91	-4.96	70.95	74.00	-3.05	peak			

Power:



## **AVG Value**





Site

Note:

Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: G-L Polarization: Horizontal Temperature:
Power: Humidity:

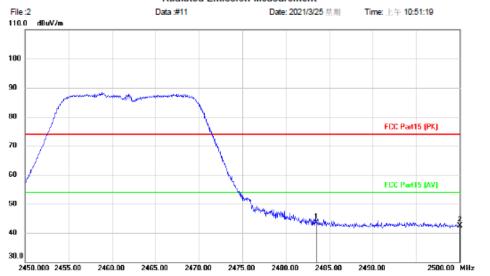
No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	36.81	-5.28	31.53	54.00	-22.47	AVG			
2	ż	2390.000	39.06	-4.96	34.10	54.00	-19.90	AVG			





# Highest channel Peak Value

## Radiated Emission Measurement



Site

Limit: FCC Part15 (PK) EUT: wireless card

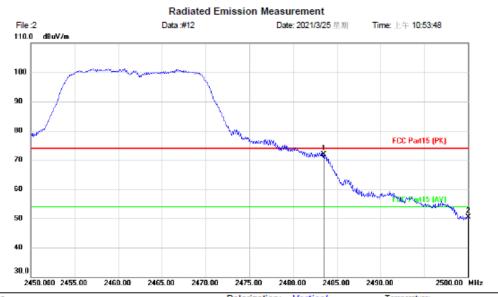
M/N: AC1200 Mode: G-H Note: Polarization: Horizontal Temperature:

Power: Humidity:

No.	Mk	. Freq.			Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	48.00	-4.56	43.44	74.00	-30.56	peak			
2		2500.000	46.93	-4.50	42.43	74.00	-31.57	peak			







Site

Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: G-H

Note:

Polarization: Vertical Temperature:

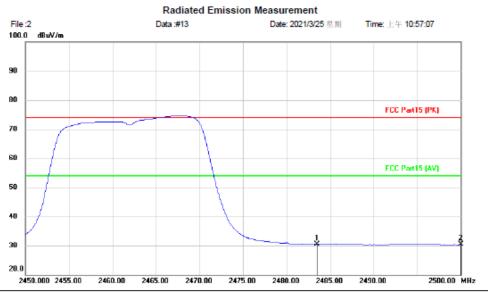
Power: Humidity:

No	. N	Λk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2	2483.500	76.51	-4.56	71.95	74.00	-2.05	peak			
2		2	2500.000	55.05	-4.50	50.55	74.00	-23.45	peak			





## **AVG Value**



site

Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: G-H Note: Polarization: Horizontal Temperature:
Power: Humidity:

No.	Mk	. Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	35.14	-4.56	30.58	54.00	-23.42	AVG			
2		2500.000	34.96	-4.50	30.46	54.00	-23.54	AVG			



%

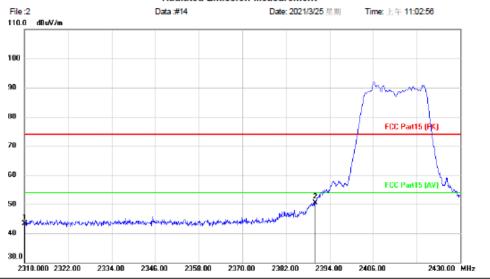


## 802.11N20

## lowest channel

#### **Peak Value**





Site

Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200

M/N: AC1200 Mode: N20-L Note:

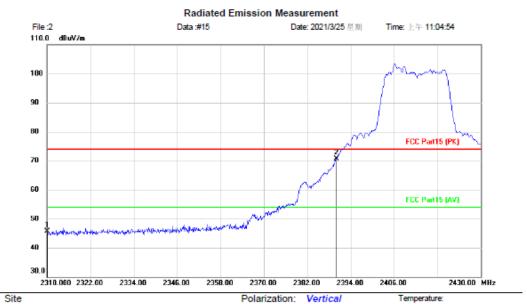
Polarization:	Horizontal	Temperature:
Power:		Humidity:

No.	Mk.	. Freq.			Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	48.57	-5.28	43.29	74.00	-30.71	peak			
2	*	2390.000	55.45	-4.96	50.49	74.00	-23.51	peak			



Humidity:





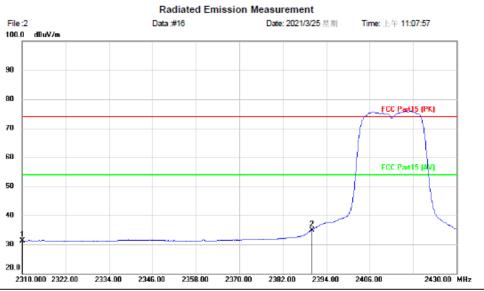
Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N20-L Note:

No.	Mk.	Freq.			Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	50.91	-5.28	45.63	74.00	-28.37	peak			
2	*	2390.000	75.70	-4.96	70.74	74.00	-3.26	peak			



## **AVG Value**



Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N20-L Note: Polarization: Horizontal Temperature: Power: Humidity:

No. M	k. Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	2310.000	36.60	-5.28	31.32	54.00	-22.68	AVG			
2 *	2390.000	39.88	-4.96	34.92	54.00	-19.08	AVG			

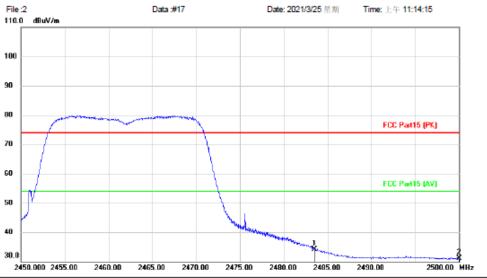




# Highest channel

#### **Peak Value**





Site

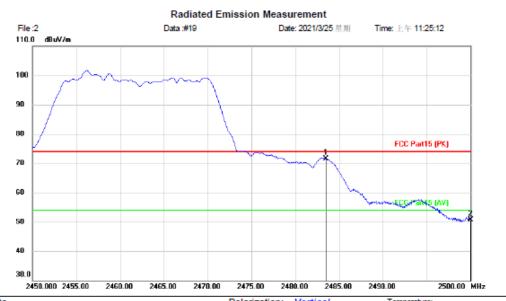
Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N20-H Note: Polarization: Horizontal Temperature:
Power: Humidity:

No.	Mk	. Freq		ng Correct Facto	t Measure- r ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.50	0 38.70	-4.56	34.14	74.00	-39.86	peak			
2		2500.00	0 35.57	-4.50	31.07	74.00	-42.93	peak			







Site

Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N20-H

Note:

Polarization.	verticar	remperature.	
Power:		Humidity:	%

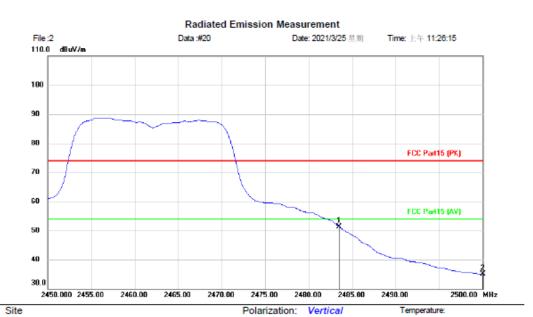
No.	Mk.	Freq.		Correct Factor	Measure- ment		Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	76.14	-4.56	71.58	74.00	-2.42	peak			
2		2500.000	55.28	-4.50	50.78	74.00	-23.22	peak			



Humidity:



## **AVG Value**



Limit: FCC Part15 (PK)

EUT: wireless card

M/N: AC1200 Mode: N20-H

Note:

No.	M	k. Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	55.93	-4.56	51.37	54.00	-2.63	AVG			
2		2500.000	39.51	-4.50	35.01	54.00	-18.99	AVG			_

Power:

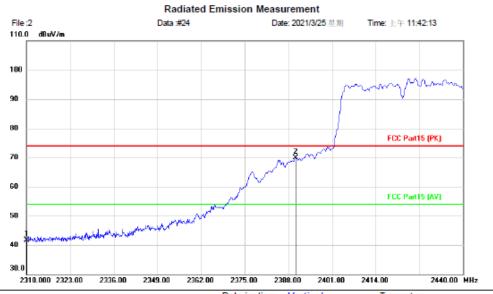




## 802.11N40

#### lowest channel

#### **Peak Value**



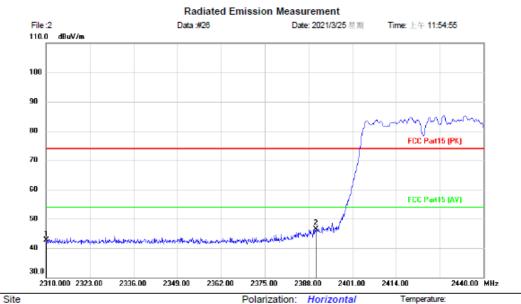
Site Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N40-L Note: Polarization: Vertical Temperature: Power: Humidity:

No.	Mk	τ.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		231	10.000	46.89	-5.28	41.61	74.00	-32.39	peak			
2	*	239	90.000	74.87	-4.96	69.91	74.00	-4.09	peak			







Limit: FCC Part15 (PK)

EUT: wireless card

M/N: AC1200 Mode: N40-L Note:

Polarization:	Horizontai	l'emperature:
Power:		Humidity:

No.	Mk.	Freq.			Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	47.92	-5.28	42.64	74.00	-31.36	peak			
2	*	2390.000	51.54	-4.96	46.58	74.00	-27.42	peak			

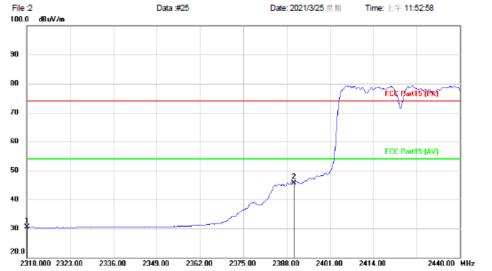


%



## **AVG Value**





Site

Limit: FCC Part15 (PK)

EUT: wireless card

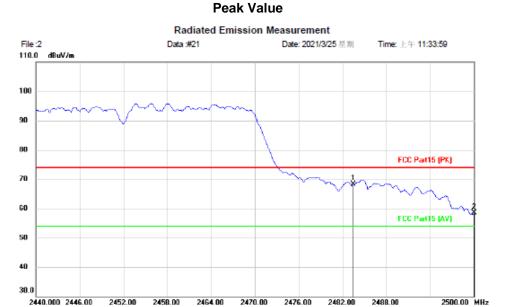
M/N: AC1200 Mode: N40-L Note:

Polarization:	Vertical	Temperature:
Power:		Humidity:

No	). I	Mk.	Freq.	_	Factor	ment	Limit	Over		Antenna Height	Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		- 2	2310.000	35.74	-5.28	30.46	54.00	-23.54	AVG			
2	2	* :	2390.000	50.74	-4.96	45.78	54.00	-8.22	AVG			



# **Highest channel**



Site

Limit: FCC Part15 (PK) EUT: wireless card

M/N: AC1200 Mode: N40-H Note:

Polarization: Vertical

Power:

Temperature: Humidity:

	No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	*	2483.500	72.91	-4.56	68.35	74.00	-5.65	peak			
_	2		2500.000	63.01	-4.50	58.51	74.00	-15.49	peak			-



2500.00 MHz





Site

Limit: FCC Part15 (PK) EUT: wireless card

2440.000 2446.00

2452.00

2458.00

2464.00

M/N: AC1200 Mode: N40-H Note: Polarization: Horizontal Temperature: Power: Humidity:

2482.00

2488.00

2476.00

Distance: 3m

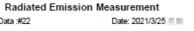
2470.00

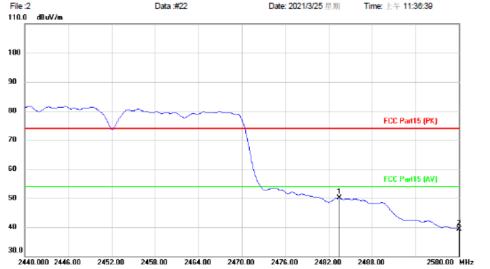
No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	48.21	-4.56	43.65	74.00	-30.35	peak			
2		2500.000	47.06	-4.50	42.56	74.00	-31.44	peak			





## **AVG Value**





Site

Limit: FCC Part15 (PK)

EUT: wireless card M/N: AC1200 Mode: N40-H

Note:

Polarization:	Vertical	l emperature:	
Power:		Humidity:	9

No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.500	54.66	-4.56	50.10	54.00	-3.90	AVG			
2		2500.000	43.73	-4.50	39.23	54.00	-14.77	AVG			





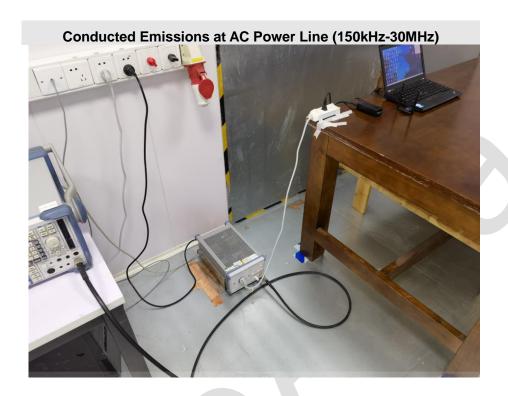
# 10 APPENDIX

Please Refer To Appendix: Appendix1

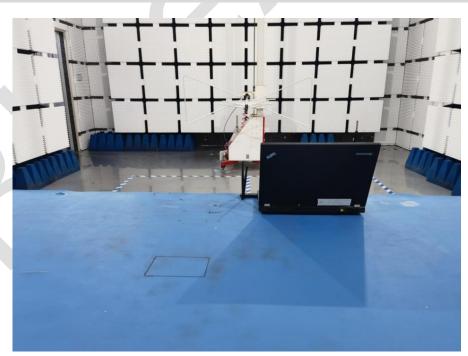


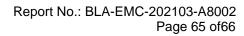


# **APPENDIX A: PHOTOGRAPHS OF TEST SETUP**



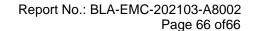
## **Radiated Emission**













# **APPENDIX B: PHOTOGRAPHS OF EUT**

Reference to the test report No. BLA-EMC-202103-A8001

# ----END OF REPORT----

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