

 Report No.: 18220WC20241602
 FCC ID: 2AOKB-T7200
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FCC Test Report

Client Name : Anker Innovations Limited

Client Address

Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

Product Name

eufy Pet Camera Lite N140 / Dog Camera D605

Report Date

Nov. 03, 2022

2

Shenzhen Anbotek Compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

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Code:AB-RF-05-b





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TEST REPORT

Applicant :	Anker Innovations Limited
Manufacturer :	Anker Innovations Limited
Product Name :	eufy Pet Camera Lite N140 / Dog Camera D605
Model No. :	T7200,T7203
Trade Mark :	eufy PET
Rating(s) :	T7200: DC 12V, 2A (via adapter input: 100-240V~ 50/60Hz 0.65A Max) T7203: DC 12V, 1A (Via adapter input: 100-240V~ 50/60Hz 0.4A Max)
Test Standard(s) :	FCC Part15 Subpart C, Section 15.247

Test Method(s) : ANSI C63.10: 2020, KDB 558074 D01 15.247 Meas Guidance v05r02

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt Date of Test Oct. 13, 2022 Oct. 13~24, 2022

Ella Liana

Prepared by

(Ella Liang)

(Kingkong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

Approved & Authorized Signer

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Revision History

Report Version		Description			Issued Date			
Ant	R00	Anbotek	Anborotek	Original Iss	ue.	bu hotek	Nov. 03, 2	2022
e)t-	Anbotek	Anbc	Kek Aupon	tek Anbotek	Anbotek	Anbotek	Anbotek	Anbo
otek	Anbotek	ek.	tootek Al	ibotek Anboten	K Anbotek	Anbotek	Anbon botek	Ant

Note 1:

This is a Class II application which was based on the original report 18220WC10189101. Adding one more model T7203 which is based on T7200 to:

- 1. Reduce one motor (motor) and remove its small drive plate;
- Replace the motor drive chip and delete the shield cover on the drive chip. The drive chip and layout inside the shield cover have changed, and the PCB layout outside the shield cover of the drive chip has not changed at all.
- 3. Main board: The memory chip is changed from 16G to 4G. The version number of the main board layout may change. The pin pin encapsulation of the chip is the same, and the circuit will not change, just change a chip;
- 4. For other three motors (motors), add one more source for each motor;
- 5. Replace the shell with other HB materials;
- 6. Replace a certified adapter (12V/1A) for T7203
- 7. Report one more graphic sensor, pin to pin, same specification, no difference in appearance, no
- change in layout
- 8. The wireless part has not changed
- 9. Change rating to DC 12V 1A for T7203
- 10. Increase crystal oscillator manufacturers

The changes are not related with the other RF parameters, only spurious emission were retested.

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1. General Information

1.1. Client Information

Applicant	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Manufacturer	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

1.2. Description of Device (EUT)

Product Name	: eufy Pet Camera Lite N1	40 / Dog Camera D605
Model No.	T7200, T7203	nge made to the device, so we prepare "T7203" for
Trade Mark	i eufy PET	k Anborek Anbor ek aborek Anbore
Test Power Supply	: AC 120V/60Hz for Adapt	terk subotek Anbor Ant hotek Anb
Test Sample No.	: 1-2-1(Normal Sample), 1	I-2-2(Engineering Sample)
	Operation Frequency:	BLE:2402~2480MHz WiFi 2.4G: 2412-2462MHz for 802.11b/g/n(HT20)
	Number of Channel:	BLE:40 Channels WiFi 2.4G: 802.11b/ g/ n(HT20): 11 Channels
Product	Modulation Type:	BLE:GFSK WiFi 2.4G: CCK, DQPSK, DBPSK for DSSS; 64QAM, 16QAM, QPSK, BPSK for OFDM
Description	Antenna Type:	BLE&WiFi 2.4G: FPC antenna
	Antenna Gain(Peak):	BLE: 3.07 dBi WiFi 2.4G: 3.07 dBi
	Adapter:	Model: KA2401A-1202000US Input: 100V-240V~ 50/60Hz 0.4A Max Output: 12V1000mA

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1.3. Auxiliary Equipment Used During Test

		100		V		- WU -	10°	100	A 0 M	
23	Adapter:		N/A							P
1				pri.	hoter	And	»et	, ogo	p.c.	0

1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

RADIATED EMISSION TEST (BELOW 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel Test Channel		Modulation Tech.	Data Rate (Mbps)	
802.11g	1 to 11	1, 6, 11	OFDM	otek 6.0 pripote	

For the test results, only the worst case was shown in test report.

RADIATED EMISSION TEST (ABOVE 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	ailable Test Channel	Modulation Tech.	Data Rate (Mbps)	
802.11g 1	to 11 1, 6, 11	OFDM	6.0	

POWER LINE CONDUCTED EMISSION TEST:

The EUT was tested with the following mode

Available Channel	Test Channel	Modulation Tech.	Data Rate (Mbps)
1 to 11	1, 6, 11	DSSS	1.0
1 to 11	1, 6, 11	OFDM	6.0
1 to 11	1, 6, 11 ^{MAN}	OFDM	6.5
	Channel 1 to 11 1 to 11	Channel Test Channel 1 to 11 1, 6, 11 1 to 11 1, 6, 11	Channel Test Channel Modulation Tech. 1 to 11 1, 6, 11 DSSS 1 to 11 1, 6, 11 OFDM

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Report No.: 18220WC20241602 BANDEDGE MEASUREMENT:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Test Channel	Modulation Tech.	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	DSSS	1.0
802.11g	1 to 11	1, 6, 11	OFDM	6.0
802.11n (HT20)	1 to 11	1, 6, 11	OFDM	6.5

ANTENNA PORT CONDUCTED MEASUREMENT:

This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Mode	Available Channel	Test Channel	Modulation Tech.	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	DSSS	1.0 ×
802.11g	1 to 11	1, 6, 11	OFDM	6.0
802.11n (HT20)	1 to 11	1, 6, 11	OFDM	6.5

Following channel(s) was (were) selected for the final test as listed below.

1.5. List of channels

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
01	2412	04	2427	07	2442	boten10 M	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

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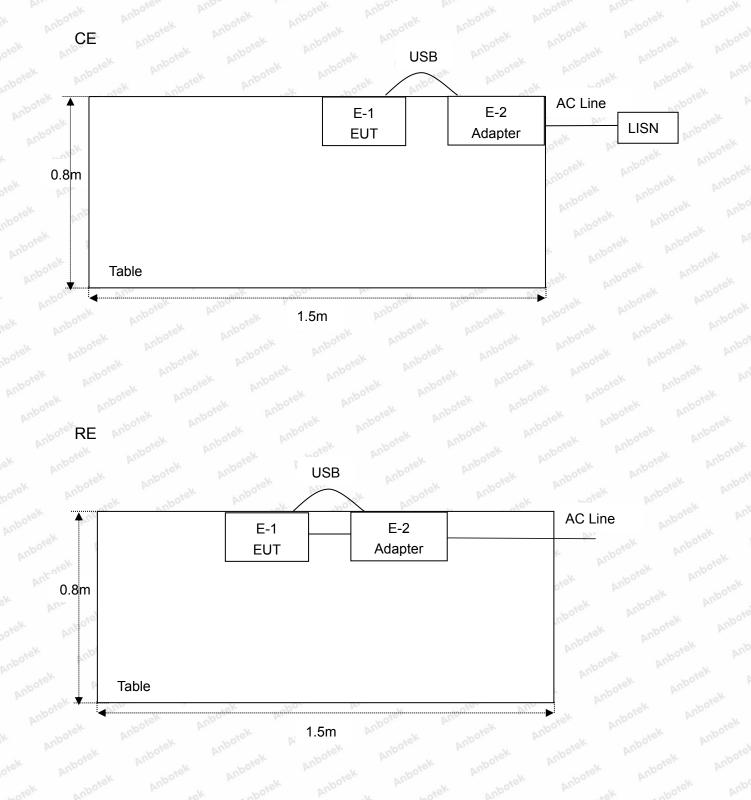
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1.6. Description Of Test Setup



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1.7. Test Equipment List

It	tem	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Å	L.I.S.N. 1. Artificial Mains Network		Rohde & Schwarz	ENV216	100055	Oct. 23, 2022	1 Year
ote ^k	2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040DT001	Jul. 05, 2022	1 Year
p.r	3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
	4.nbc	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Oct. 23, 2022	1 Year
ek	5. ド	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 22, 2022	1 Year
pot	6. MXA Spectrum Analysis		Agilent	N9020A	MY51170037	Oct. 13, 2022	1 Year
An	7.	EMI Preamplifier	SKET Electronic	LNPA-0118G -45	SKET-PA-002	Oct. 13, 2022	1 Year
	8. թ	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year
ote	9.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Oct. 23, 2022	1 Year
	10.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Oct. 23, 2022	1 Year
i	11.ºº'	Horn Antenna	A-INFO	LB-180400-K F	J211060628	Oct. 23, 2022	1 Year
	12.	Pre-amplifier	SONOMA	310N	186860	Oct. 23, 2022	1 Year
r.	13.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A Mos	N/A ootek	N/A
nb	14.	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY53280032	Oct. 13, 2022	1 Year
P	15.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Oct. 13, 2022	1 Year
	16.	Signal Generator	Agilent	E4421B	MY41000743	Oct. 13, 2022	1 Year
rel	17.	DC Power Supply	IVYTECH	IV3605	1804D360510	Oct. 22, 2022	1 Year
nb ^o	18.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80 B	N/A	Nov. 01, 2021	1 Year

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1.8. Measurement Uncertainty

Radiation Uncertainty		Ur = 3.9 dB (Horizontal)	Anbote. An	hotek	Anbotek
Radiation oncertainty		Ur = 3.8 dB (Vertical)	Anboro	An-	Anboten
Conduction Uncertainty	:	Uc = 3.4 dB	Anbort	A., abotek	Anboten

1.9. Description of Test Facility

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

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111, September 30, 2020.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A, September 30, 2020.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited. 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

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2. Summary of Test Results

Standard Section	Test Item	Result		
15.203/15.247(c)	Antenna Requirement	PASS		
15.207	Conducted Emission	PASS		
15.205/15.209	Spurious Emission	PASS		

Remark: "N/A" is an abbreviation for Not Applicable.

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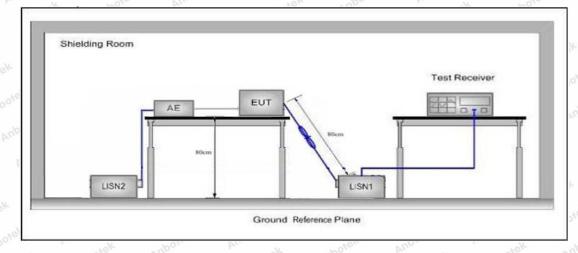
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3. Conducted Emission Test

3.1. Test Standard and Limit

		Maximum RF Lir	ne Voltage (dBuV)		
	Frequency	Quasi-peak Level	Average Level		
Test Limit	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *		
	500kHz~5MHz	56	46 Million		
	5MHz~30MHz	60	ek Anbor 50 Ann stel		

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10: 2020 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

During the test, pre-scan all modes, and found the 802.11g CH06 of which is the worst case, only the worst case is recorded in the report.

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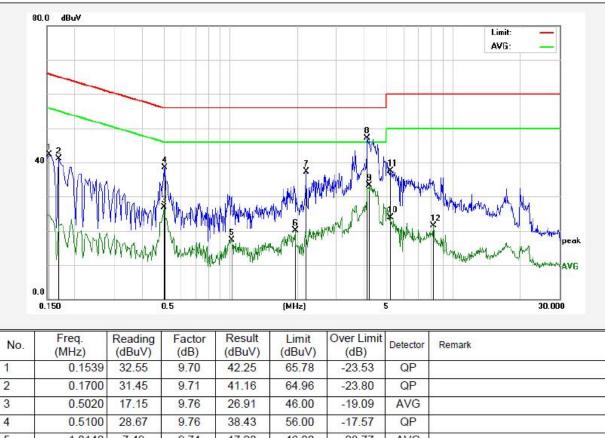
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b



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Conducted Emission Test Data

Test Site:	1# Shielded Room
Operating Condition:	802.11g CH06
Test Specification:	AC 120V, 60Hz for Adapter
Comment:	Live Line
	Tem.: 24.2℃ Hum.: 48%



2	0.1700	31.45	9.71	41.16	64.96	-23.80	QP	5
3	0.5020	17.15	9.76	26.91	46.00	-19.09	AVG	
4	0.5100	28.67	9.76	38.43	56.00	-17.57	QP	
5	1.0140	7.49	9.74	17.23	46.00	-28.77	AVG	
6	1.9540	10.41	9.72	20.13	46.00	-25.87	AVG	
7	2.1900	27.56	9.72	37.28	56.00	-18.72	QP	
8	4.1339	37.47	9.73	47.20	56.00	-8.80	QP	
9	4.2099	23.55	9.73	33.28	46.00	-12.72	AVG	
10	5.2139	14.24	9.74	23.98	50.00	-26.02	AVG	
11	5.2419	27.82	9.74	37.56	60.00	-22.44	QP	
12	8,1539	11.70	9.81	21.51	50.00	-28.49	AVG	

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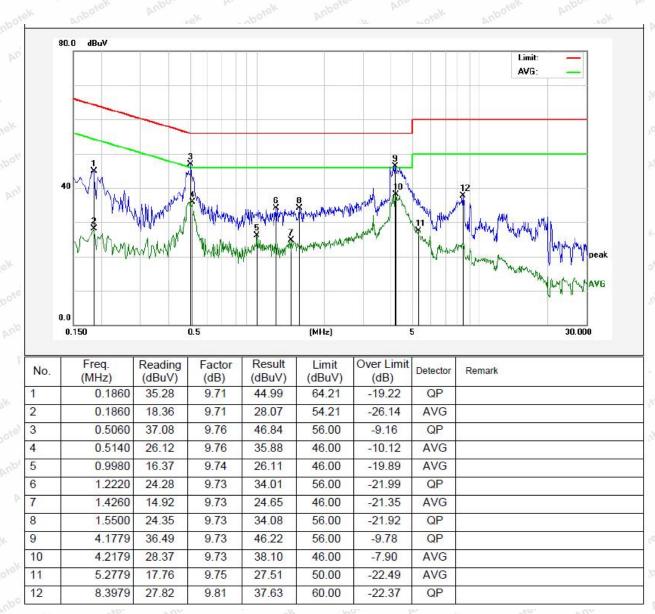
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Conducted Emission Test Data

Test Site:	1# Shielded Room
Operating Condition:	802.11g CH06
Test Specification:	AC 120V, 60Hz for Adapter
Comment:	Neutral Line
	Tem.:24.2℃ Hum.: 48%



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4. Radiation Spurious Emission and Band Edge

4.1. Test Standard and Limit

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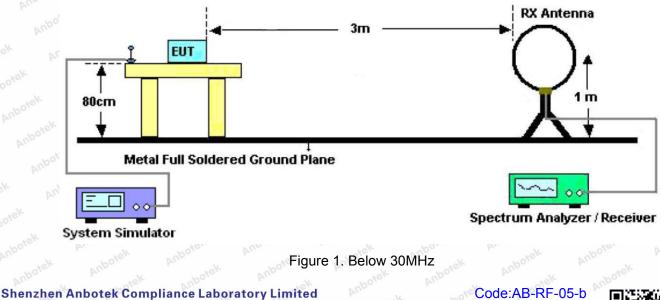
Test Standard	FCC Part15 C Section 15	5.209 and 15.205	potek Anbote	ik Aupo,	ek abotek
	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	Anbote.	Ann	300
	0.490MHz-1.705MHz	24000/F(kHz)	k Aupoter	Ant hotek	30
	1.705MHz-30MHz	30	otek - Anboro	And both	30 0010
Test Limit	30MHz~88MHz	100	40.0 M ¹⁰	Quasi-peak	otek 3 Anbot
	88MHz~216MHz	150	43.5	Quasi-peak	botek 3 Ant
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
		500	54.0	Average	3 potek
	Above 1000MHz	Anboten And	74.0	Peak	otek 3 Anbote

Remark:

(1)The lower limit shall apply at the transition frequency.

(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup



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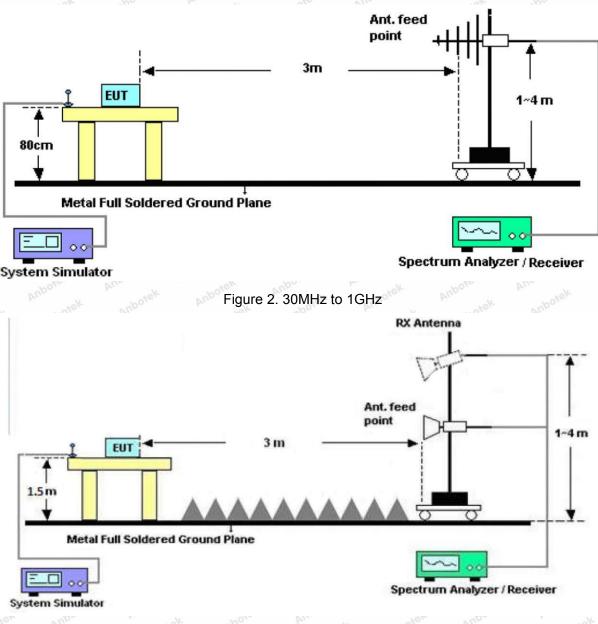


Figure 3. Above 1 GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane. For above 1GHz: The EUT is placed on a turntable, which is 1.5m above the ground plane. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

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For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

For 9kHz to 150kHz, Set the spectrum analyzer as: RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as: RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as: RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz,Set the spectrum analyzer as:

RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple. For average measurement:

-VBW=10Hz, When duty cycle is no less than 98 percent

 $-VBW \ge 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clause 5.4 duty cycle.

4.4. Test Data

PASS

During the test, Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis is the worst case.

The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

During the test, pre-scan all modes, and found the 802.11g CH06 which is the worst case, only the worst case is recorded in the report.

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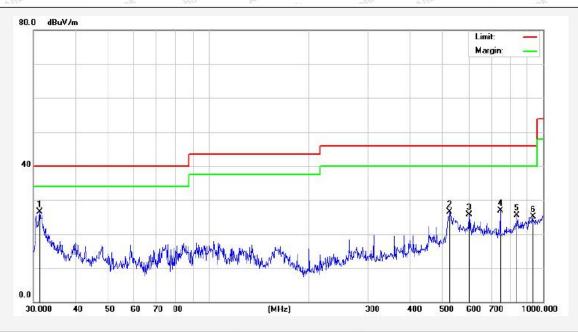
Code:AB-RF-05-b



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Test Results (30~1000MHz)

Test Mode:	802.11g CH06
Power Source:	AC 120V, 60Hz for Adapter
Polarization:	Horizontal
Temp.(°C)/Hum.(%RH):	24.8℃/49%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark	
1	31.3992	46.22	-19.76	26.46	40.00	-13.54	peak				
2	526.3967	39. <mark>15</mark>	-12.71	26.44	46.00	-19.56	peak				
3	601.4265	36.32	-10.53	25.79	46.00	-20.21	peak				
4	744.8661	36.16	-9.30	26.86	46.00	- <mark>1</mark> 9.14	peak				
5	836.2443	33.29	-7.70	25.59	46.00	-20.41	peak				
6	932.2715	30.89	-5.85	25.04	46.00	-20.96	peak				

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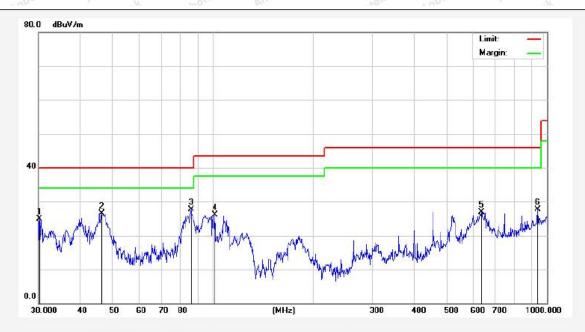


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Test Results (30~1000MHz)

Test Mode:	802.11g CH06
Power Source:	AC 120V, 60Hz for Adapter
Polarization:	Vertical

Temp.(°C)/Hum.(%RH): 24.8°C/49%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	30.2111	42.80	-17.93	24.87	40.00	-15.13	peak			
2	46.3402	41.71	-15.24	26.47	40.00	-13.53	peak			
3	85.8984	46.02	-18.36	27.66	40.00	-12.34	peak			
4	101.2885	42.81	-16.78	26.03	43.50	-17.47	peak			
5	636.1340	37.47	-10.62	26.85	46.00	-19.15	peak			
6	938.8326	33.41	-5.77	27.64	46.00	-18.36	peak			

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Test Results (Above 1000MHz)

Test Mode: 802.11g Mode

Test channel: Lowest

tek anbo	Her Anbo	wet worke	K Anbore	Ann	Anboten	Anbo
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	27.04	15.31	42.35	74.00	-31.65	Vertical
7236.00	27.83	18.06	45.89	74.00	-28.11	Vertical
9648.00	28.54	23.77	52.31	74.00	-21.69	Vertical
12060.00	stek * hnbo	en Anbo	ek bote	74.00	Al. Sofek	Vertical
14472.00	sek*	potek Anbr	-K Pr	74.00	And	Vertical
4824.00	26.64	15.31	41.95	74.00	-32.05	Horizontal
7236.00	29.16	18.06	47.22	74.00	-26.78	Horizontal
9648.00	28.61	23.77	52.38	74.00	-21.62	Horizontal
12060.00	k * nbotek	Anbo	hotek	74.00	Ann	Horizontal
14472.00	at * abot	ek Anboro	All Aller	74.00	Anderek	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	18.12	15.31	33.43	54.00	-20.57	Vertical
7236.00	18.70	18.06	36.76	54.00	-17.24	Vertical
9648.00	18.89	23.77	42.66	54.00	-11.34	Vertical
12060.00	wotek * ant	oter And	rek stool	54.00	K Loter	Vertical
14472.00	Mar 1	abotek Ant	Jon pro	54.00	ten Ann	Vertical
4824.00	18.17	15.31	33.48	54.00	-20.52	Horizontal
7236.00	20.40	18.06	38.46	54.00	-15.54	Horizontal
9648.00	19.36	23.77	43.13	54.00	-10.87	Horizontal
12060.00	tek * nbote	Aupo	k botek	54.00	Am	Horizontal
14472.00	where the store	stek Anboi	Pre-	54.00	Anburgh	Horizontal

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Test Results (Above 1000MHz)

Test Mode: 802.11g Mode

Test channel: Middle

Peak value:						_
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	27.09	15.41	42.50	74.00	-31.50	Vertical
7311.00	27.89	18.01	45.90	74.00	-28.10	Vertical
9748.00	28.56	23.79	52.35	74.00	-21.65	Vertical
12185.00	stek * unbo	en Aupo	ek obotel	74.00	An	Vertical
14622.00	**	potek Anbc	A pr	74.00	And	Vertical
4874.00	27.49	15.41	42.90	74.00	-31.10	Horizontal
7311.00	28.78	18.01	46.79	74.00	-27.21	Horizontal
9748.00	28.93	23.79	52.72	74.00	-21.28	Horizontal
12185.00	k * nbotek	Anbo	M. hotek	74.00	Aun	Horizontal
14622.00	* *	anboro	Am	74.00	Anbo	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	17.93	15.41	33.34	54.00	-20.66	Vertical
7311.00	19.21	18.01	37.22	54.00	-16.78	Vertical
9748.00	19.81	23.79	43.60	54.00	-10.40	Vertical
12185.00	wotek * Ant	oter. And	ek abot	54.00	K hotek	Vertical
14622.00	*	nbotek Ant	jo. M.	54.00	No. Non	Vertical
4874.00	19.60	15.41	35.01	54.00	-18.99	Horizontal
7311.00	19.87	18.01	37.88	54.00	-16.12	Horizontal
9748.00	18.65	23.79	42.44	54.00	-11.56	Horizontal
12185.00	tek * unbote	Anbo	k botek	54.00	All otek	Horizontal
14622.00	the the	stek Anbor	Pri.	54.00	And	Horizontal

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Test Results (Above 1000MHz)

Test Mode: 802.11g Mode

Test channel: Highest

hotek Anb	otek Anbo	tek nbote	K Anbore	k hotek	Anboten	Anbu
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	27.65	15.51	43.16	74.00	-30.84	Vertical
7386.00	28.59	17.97	46.56	74.00	-27.44	Vertical
9848.00	29.37	23.82	53.19	74.00	-20.81	Vertical
12310.00	botek * Anbo	Per Per	tek unbote	74.00	t potek	Vertical
14772.00	wotek*	poter And	yek ap	74.00	-k hote	Vertical
4924.00	26.88	15.51	42.39	74.00	-31.61	Horizontal
7386.00	27.74	17.97	45.71	74.00	-28.29	Horizontal
9848.00	28.53	23.82	52.35	74.00	-21.65	Horizontal
12310.00	rek *nbore	Annotek	unbotek.	74.00	botek	Horizontal
14772.00	stek * sabot	Anos	of hotek	74.00	p.i.	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	17.56	15.51	33.07	54.00	-20.93	Vertical
7386.00	18.51	17.97	36.48	54.00	-17.52	Vertical
9848.00	19.37	23.82	43.19	54.00	-10.81	Vertical
12310.00	obotek * Ant		otek Anbot	54.00	ek abotek	Vertical
14772.00	hote*	upore An	dek or	54.00	at to	Vertical
4924.00	17.24	15.51	32.75	54.00	-21.25	Horizontal
7386.00	18.21	17.97	36.18	54.00	-17.82	Horizontal
9848.00	18.14	23.82	41.96	54.00	-12.04	Horizontal
12310.00	tek * Anboi	y pro-	k Anboten	54.00	abotek	Horizontal
14772.00	hotek * Anb	ster. Ann	tek spot	54.00	in notek	Horizontal

Remark:

1. During the test, pre-scan the 802.11b,g,n(HT20) mode, and found the 802.11g mode is worse case the report only record this mode.

- 2. Level =Read level + Factor
- 3. "*", means this data is the too weak instrument of signal is unable to test.

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5. Antenna Requirement

5.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	 1) 15.203 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 permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 2) 15.247(c) (1)(i) requirement: Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

5.2. Antenna Connected Construction

The antenna is a FPC antenna which permanently attached, and the best case gain of the antenna is 3.07 dBi It complies with the standard requirement.

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APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files for Test Setup Photos of the EUT.

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files for External Photos of the EUT.

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files for Internal Photos of the EUT.

--- End of Report -

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