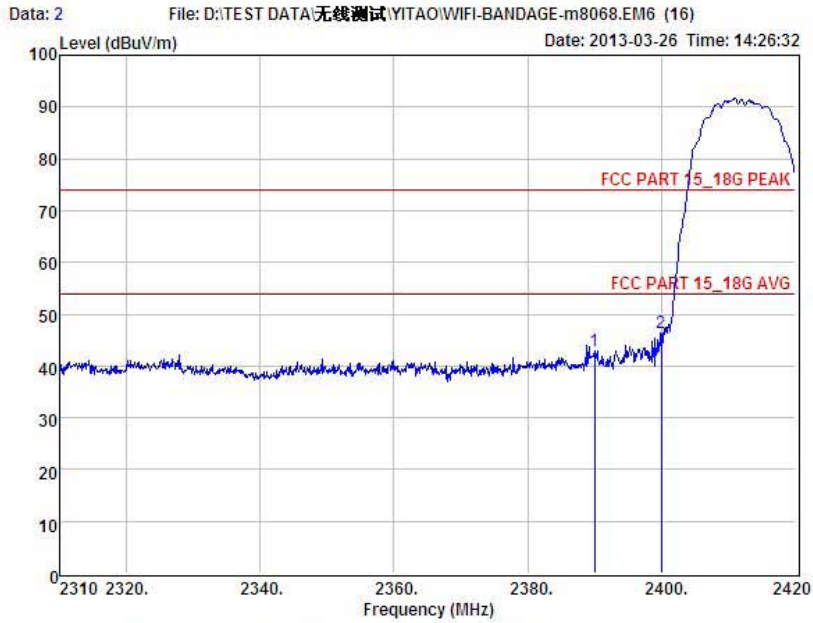


Report No.: ST1130123024

IEEE 802.11b:  
CH LOW :



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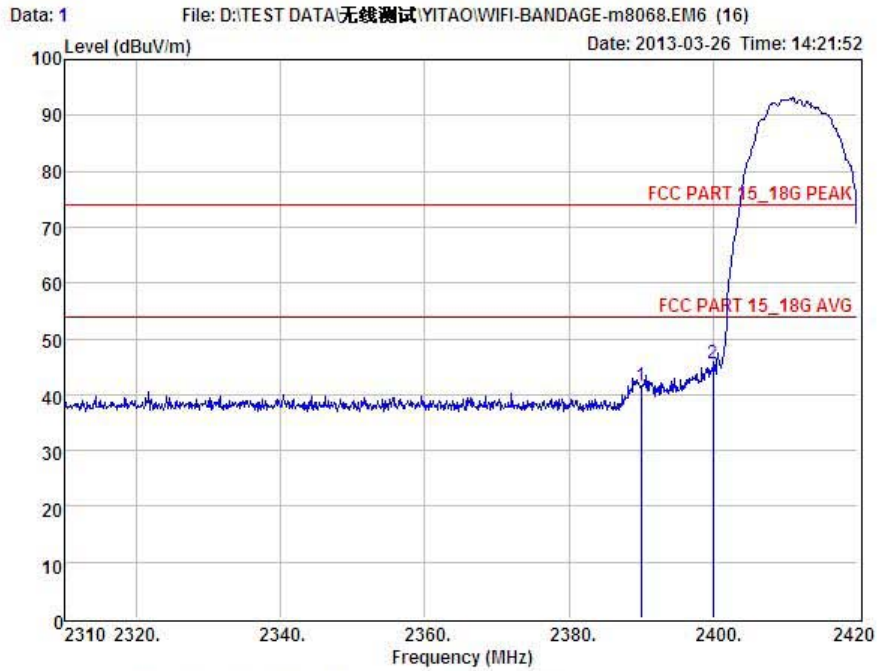
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
EUT : Pad  
Model No : M8068  
Test Mode : IEEE.802.b CH Low: 2412  
Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
Test Engineer : Simple  
Remark :  
Temp :  
Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	46.25	27.62	34.97	3.92	42.82	74.00	-31.18	Peak
2	2400.00	49.82	27.62	34.97	3.94	46.41	74.00	-27.59	Peak

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



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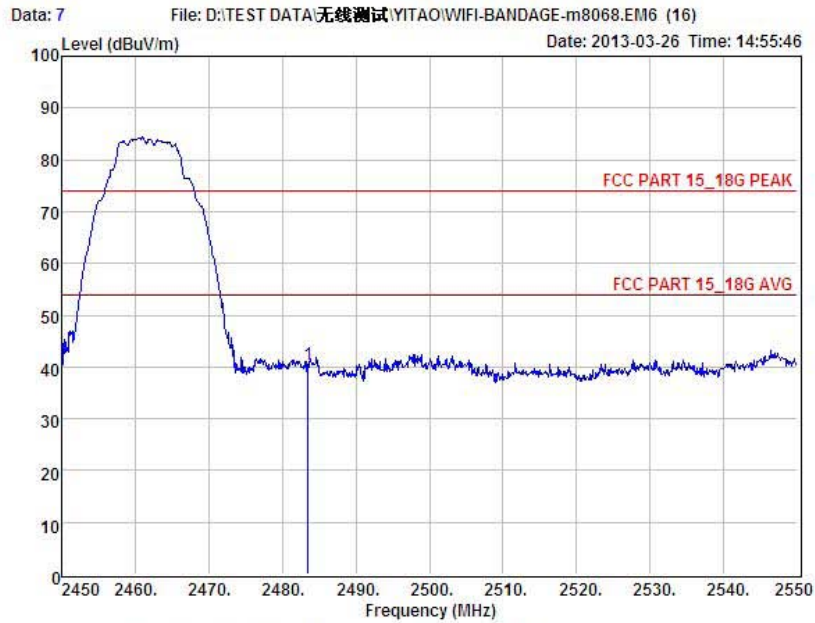
Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.b CH Low: 2412  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	44.94	27.62	34.97	3.92	41.51	74.00	-32.49	
2	2400.00	48.98	27.62	34.97	3.94	45.57	74.00	-28.43	

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



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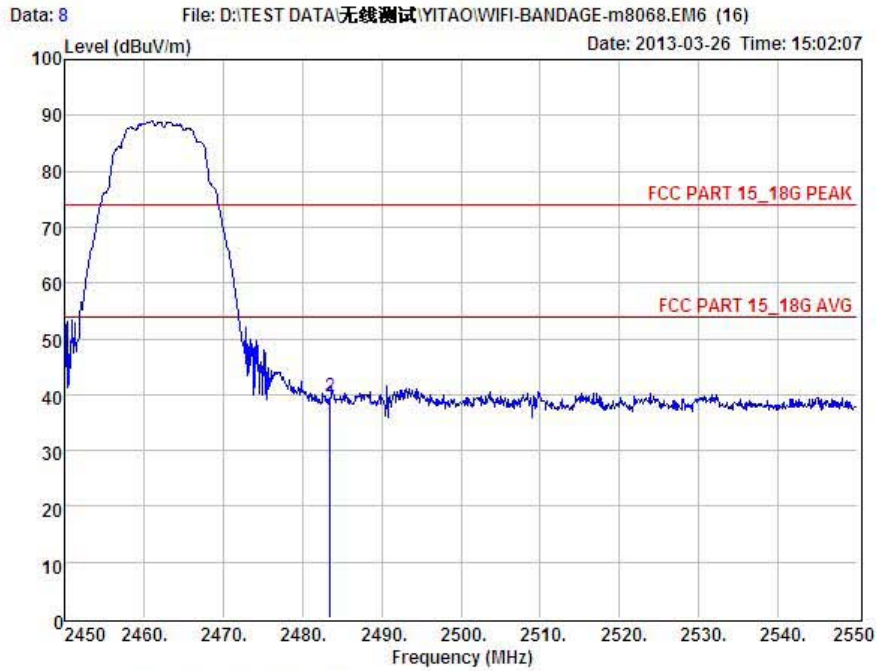
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.b CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2462.50	43.83	27.59	34.97	4.00	40.45	74.00	-33.55	Peak

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



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Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.b CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	41.73	27.59	34.97	4.00	38.35	74.00	-35.65	Peak
2	2483.50	42.98	27.59	34.97	4.00	39.60	74.00	-34.40	Peak

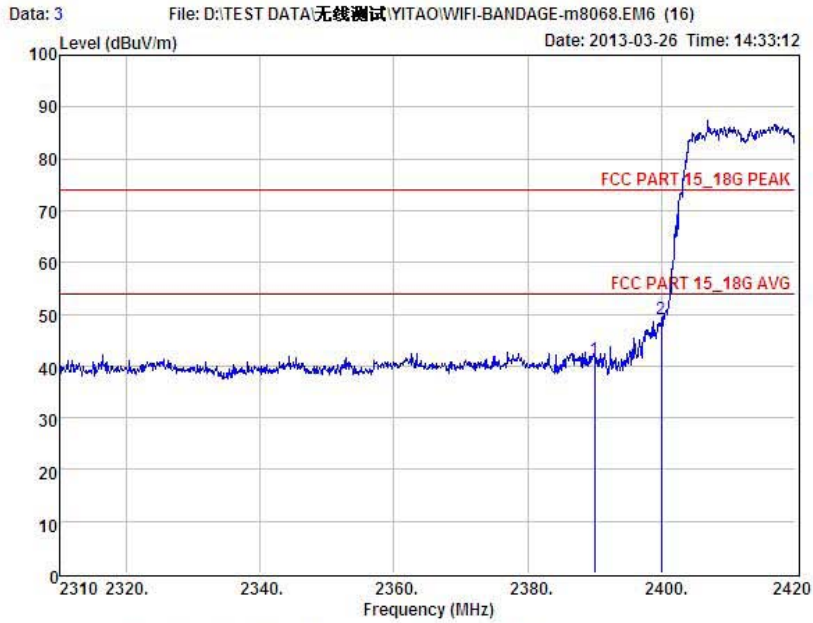
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

Report No.: ST1130123024

IEEE 802.11g:  
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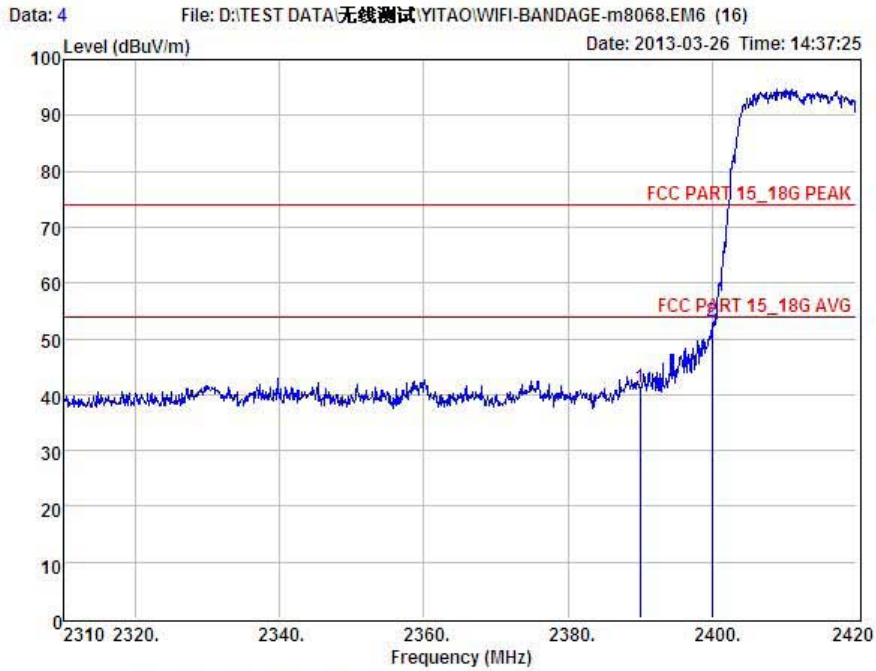
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
EUT : Pad  
Model No : M8068  
Test Mode : IEEE.802.g CH Low: 2412  
Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
Test Engineer : Simple  
Remark :  
Temp :  
Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	44.79	27.62	34.97	3.92	41.36	74.00	-32.64	Peak
2	2400.00	52.47	27.62	34.97	3.94	49.06	74.00	-24.94	Peak

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



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 Website: <http://www.cessz.com> Email: [Service@cessz.com](mailto:Service@cessz.com)



Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.g CH Low: 2412  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

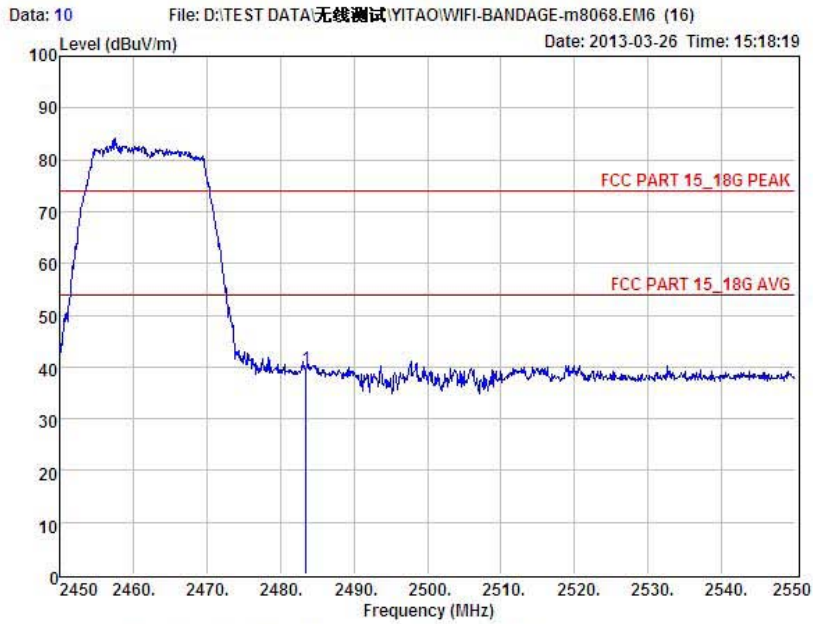
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	44.69	27.62	34.97	3.92	41.26	74.00	-32.74	Peak
2	2400.00	56.40	27.62	34.97	3.94	52.99	74.00	-21.01	Peak

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

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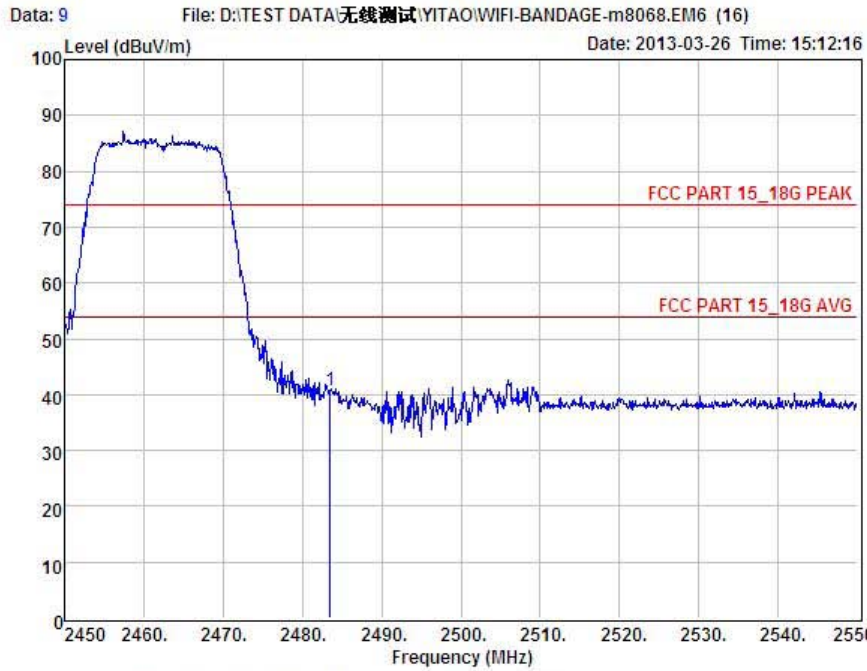
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.g CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	43.19	27.59	34.97	4.00	39.81	74.00	-34.19	Peak

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



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 Website: <http://www.cessz.com> Email: [Service@cessz.com](mailto:Service@cessz.com)



Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.g CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	44.14	27.59	34.97	4.00	40.76	74.00	-33.24	Peak

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

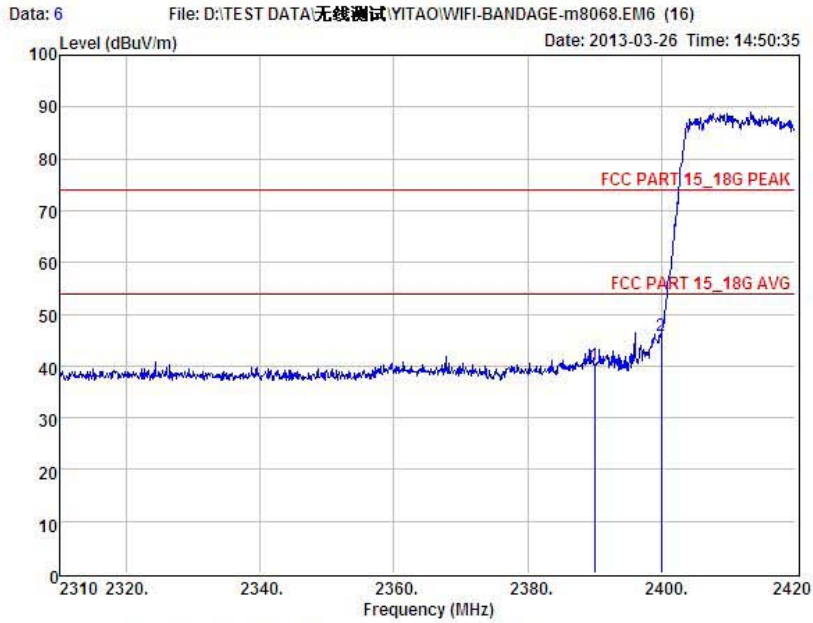


Report No.: ST1130123024

IEEE 802.11n/HT20:  
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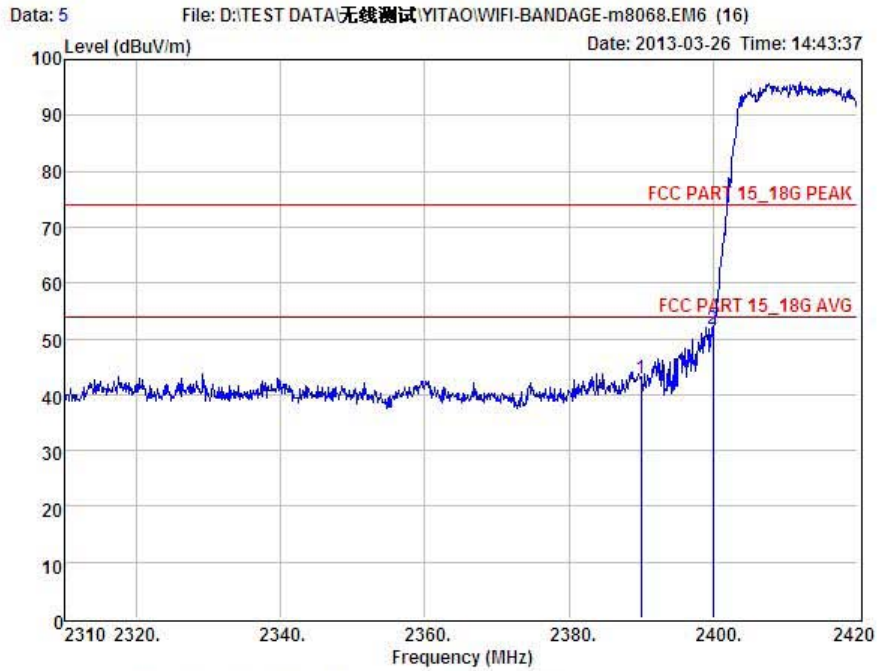
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
EUT : Pad  
Model No : M8068  
Test Mode : IEEE.802.n/HT20 CH Low: 2412  
Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
Test Engineer : Simple  
Remark :  
Temp :  
Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	43.76	27.62	34.97	3.92	40.33	74.00	-33.67	Peak
2	2400.00	49.13	27.62	34.97	3.94	45.72	74.00	-28.28	Peak

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



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Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT20 CH Low: 2412  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	46.39	27.62	34.97	3.92	42.96	74.00	-31.04	Peak
2	2400.00	55.25	27.62	34.97	3.94	51.84	74.00	-22.16	Peak

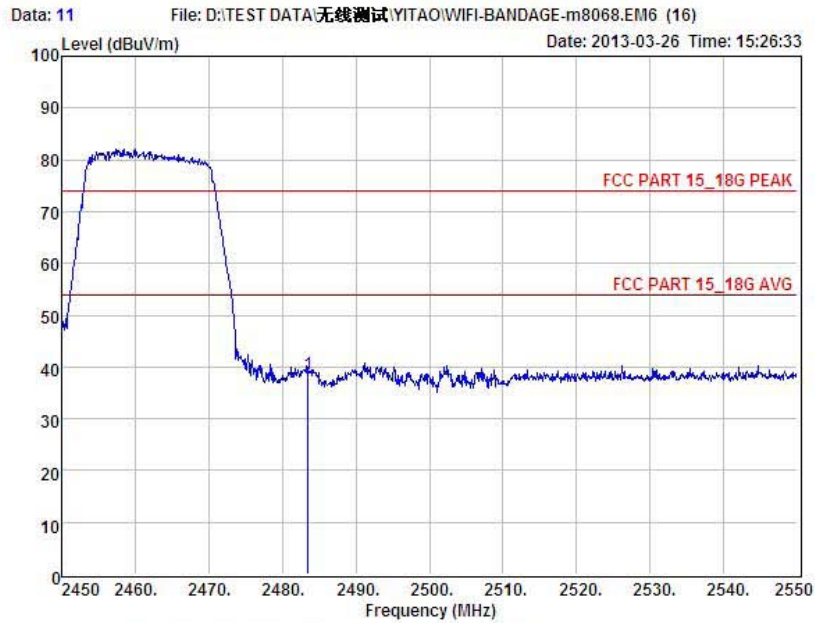
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

Report No.: ST1130123024

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Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT20 CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

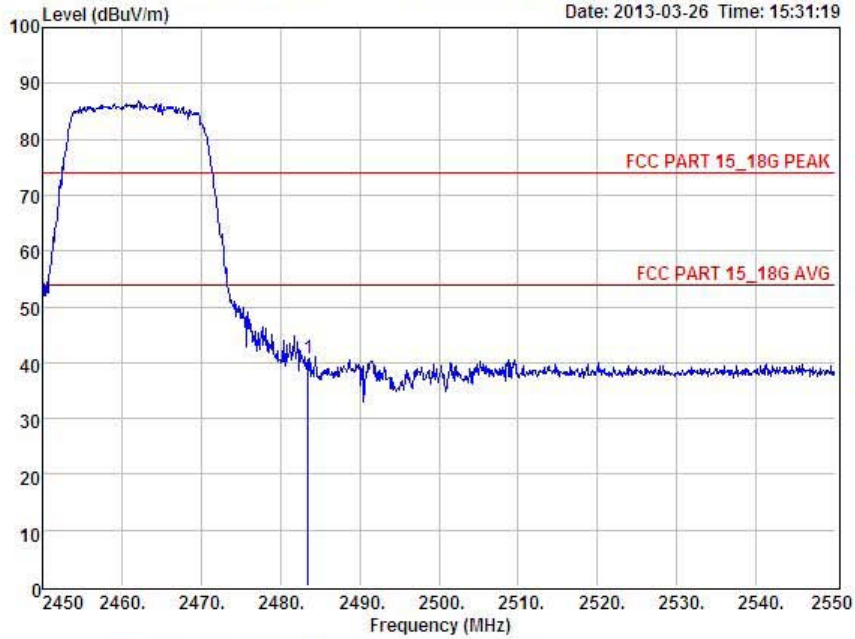
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	42.12	27.59	34.97	4.00	38.74	74.00	-35.26	Peak

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



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Data: 12 File: D:\TEST DATA\无线测试\YITAO\WIFI-BANDAGE-m8068.EM6 (16) Date: 2013-03-26 Time: 15:31:19



Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT20 CH High: 2462  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	44.11	27.69	34.97	4.00	40.73	74.00	-33.27	Peak

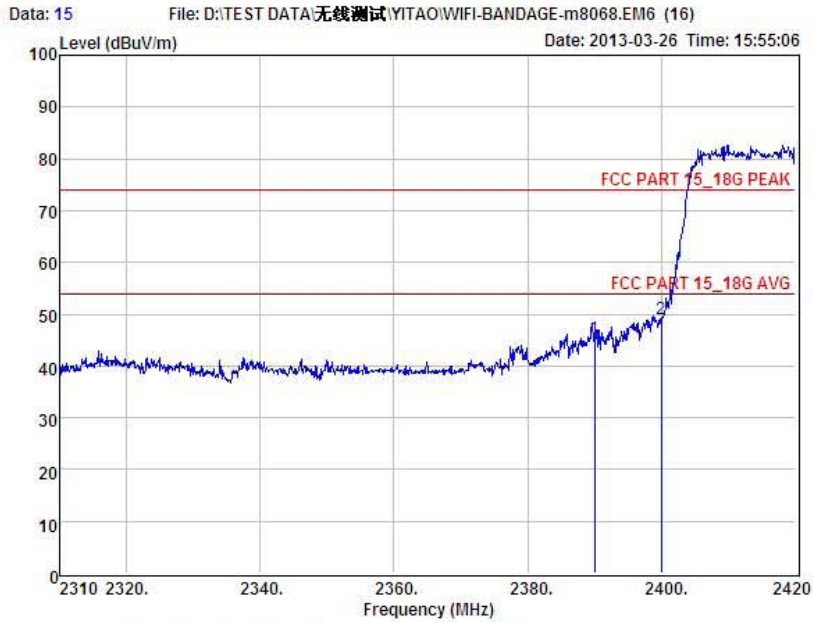
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

Report No.: ST1130123024

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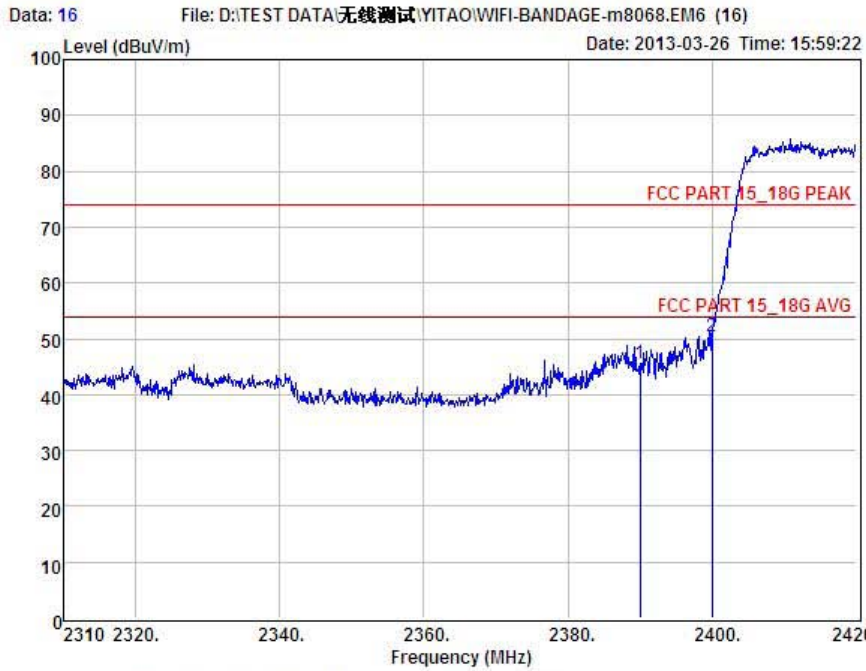
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
EUT : Pad  
Model No : M8068  
Test Mode : IEEE.802.n/HT40 CH Low: 2422  
Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
Test Engineer : Simple  
Remark :  
Temp :  
Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	48.71	27.62	34.97	3.92	45.28	74.00	-28.72	Peak
2	2400.00	52.56	27.62	34.97	3.94	49.15	74.00	-24.85	Peak

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



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Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT40 CH Low: 2422  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

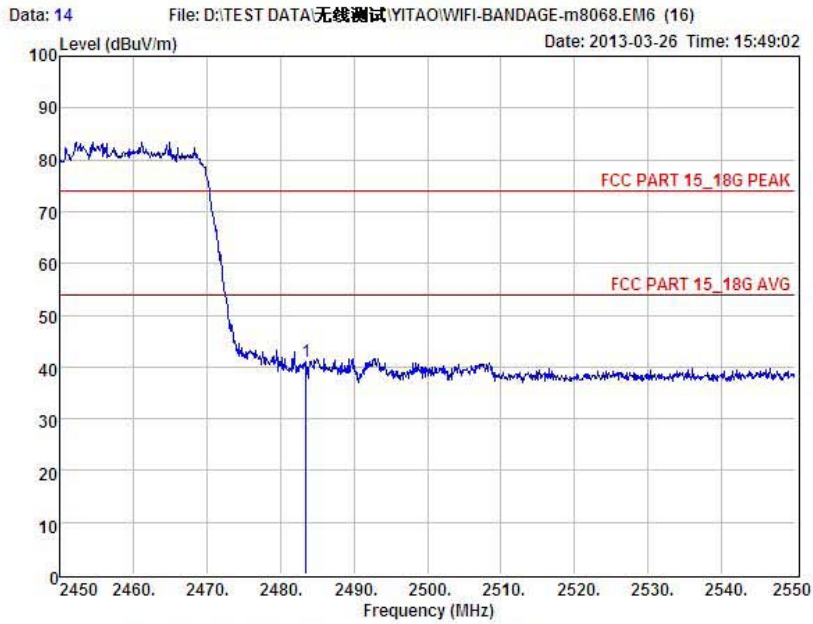
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2390.00	48.98	27.62	34.97	3.92	45.55	74.00	-28.45	Peak
2	2400.00	53.80	27.62	34.97	3.94	50.39	74.00	-23.61	Peak

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

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Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT40 CH High: 2452  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	44.31	27.59	34.97	4.00	40.93	74.00	-33.07	Peak

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



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Data: 13 File: D:\TEST DATA\无线测试\YITAO\WIFI-BANDAGE-m8068.EM6 (16) Date: 2013-03-26 Time: 15:42:18



Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL  
 EUT : Pad  
 Model No : M8068  
 Test Mode : IEEE.802.n/HT40 CH High: 2452  
 Power : DC 5V FROM ADAPTER WITH AC 120V/60Hz  
 Test Engineer : Simple  
 Remark :  
 Temp :  
 Hum :

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	49.91	27.69	34.97	4.00	46.53	74.00	-27.47	Peak

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



## 11 Antenna Requirement

### 11.1 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 permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. 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.

### 11.2 Antenna Connected Construction

The directional gains of antenna used for transmitting is 1 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Please see EUT photo for details.

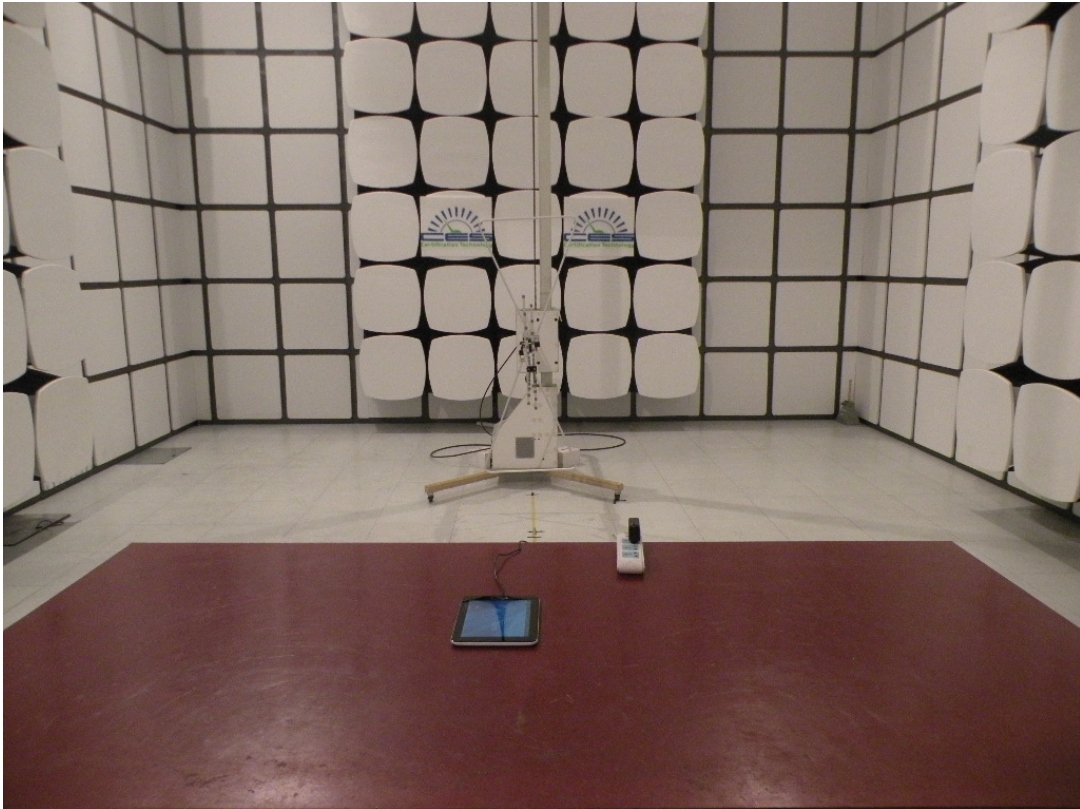
### 11.3 Result

The EUT antenna is integral Antenna. It comply with the standard requirement.

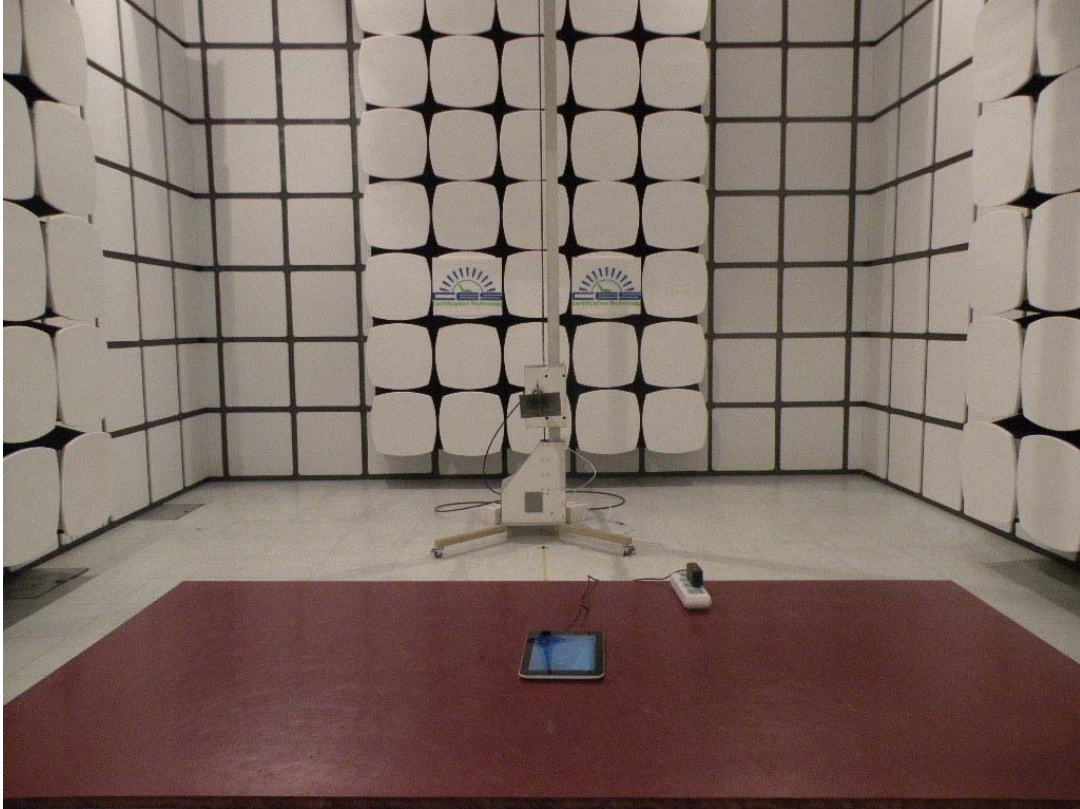
## 12 Photographs of Test Setup

### Photographs-Radiated Emission Test Setup in Chamber

Below 1G



Above 1G



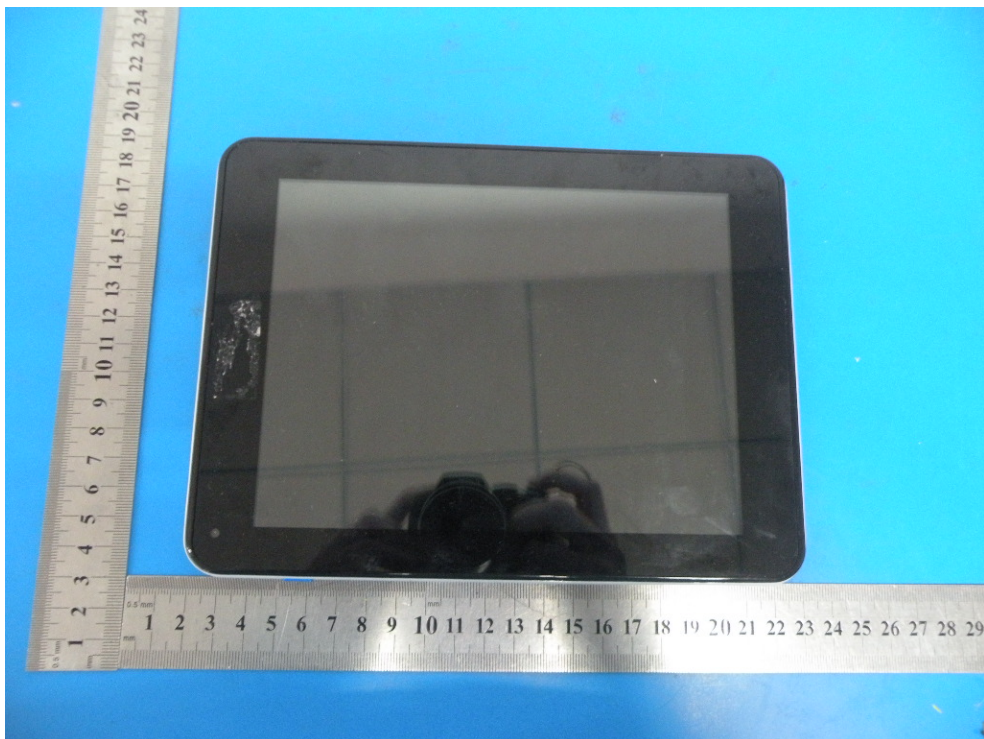
## Photographs-Conducted Emission Test Setup



## 13 Photographs of EUT



**Full View**



**Front View**



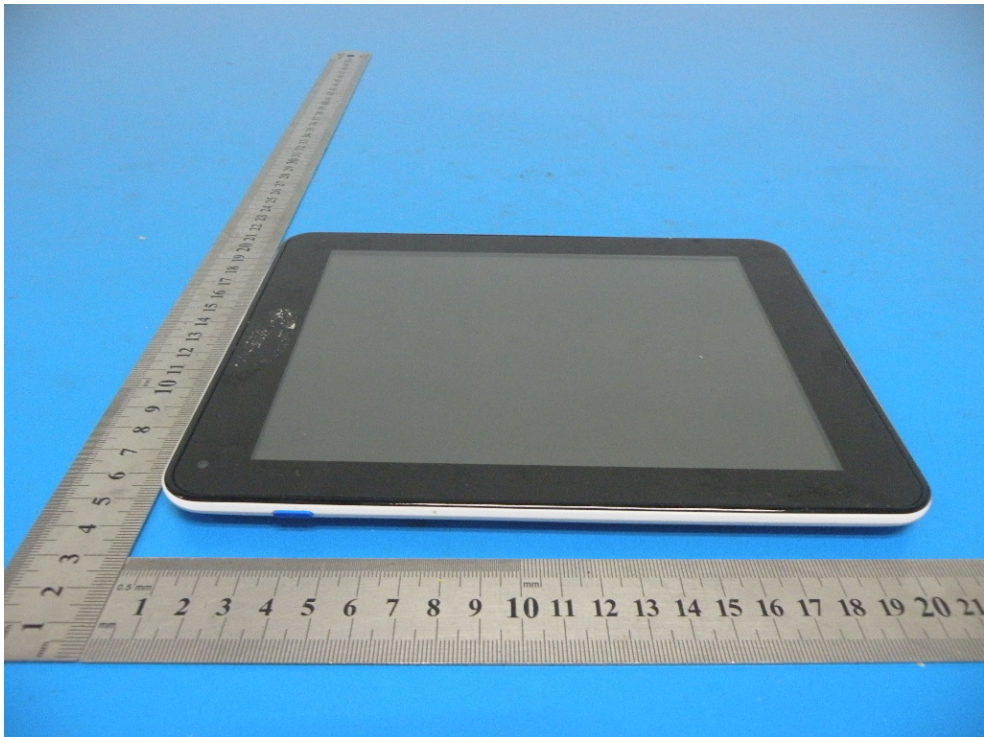
**Rear View**



**Top View**



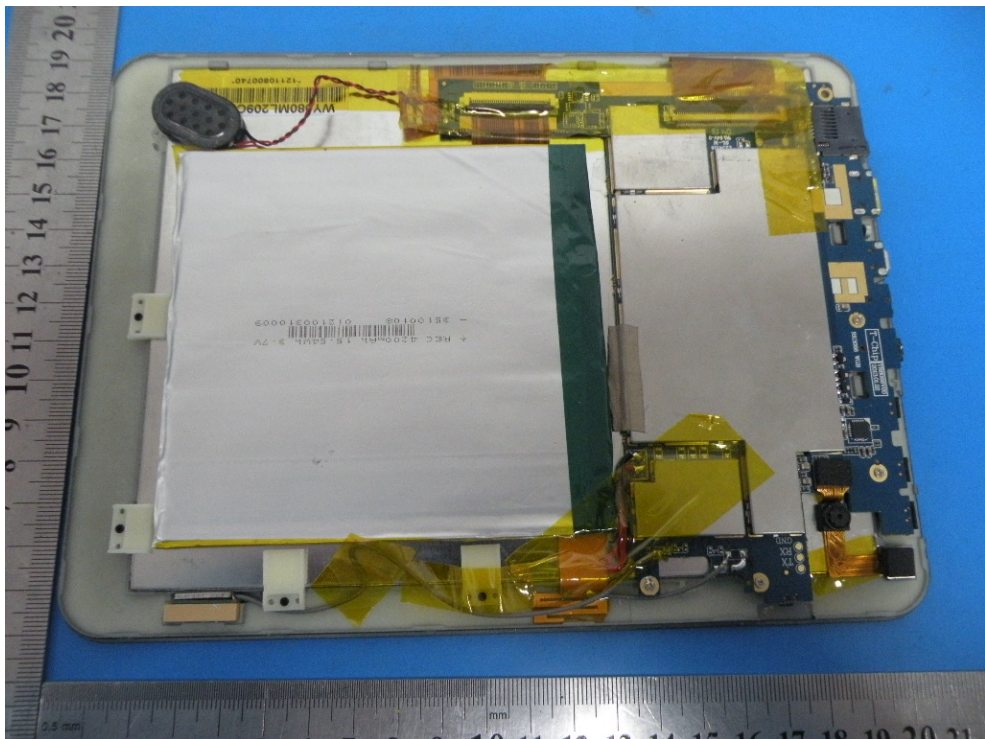
**Bottom View**



**Left View**



**Right View**



**Inside View**

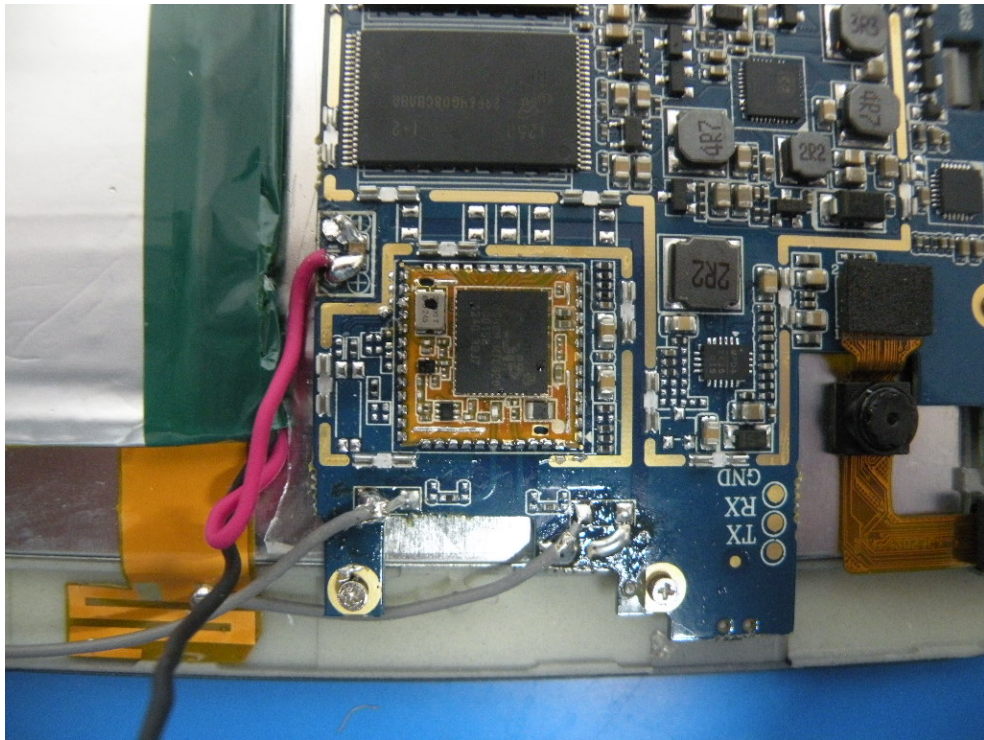




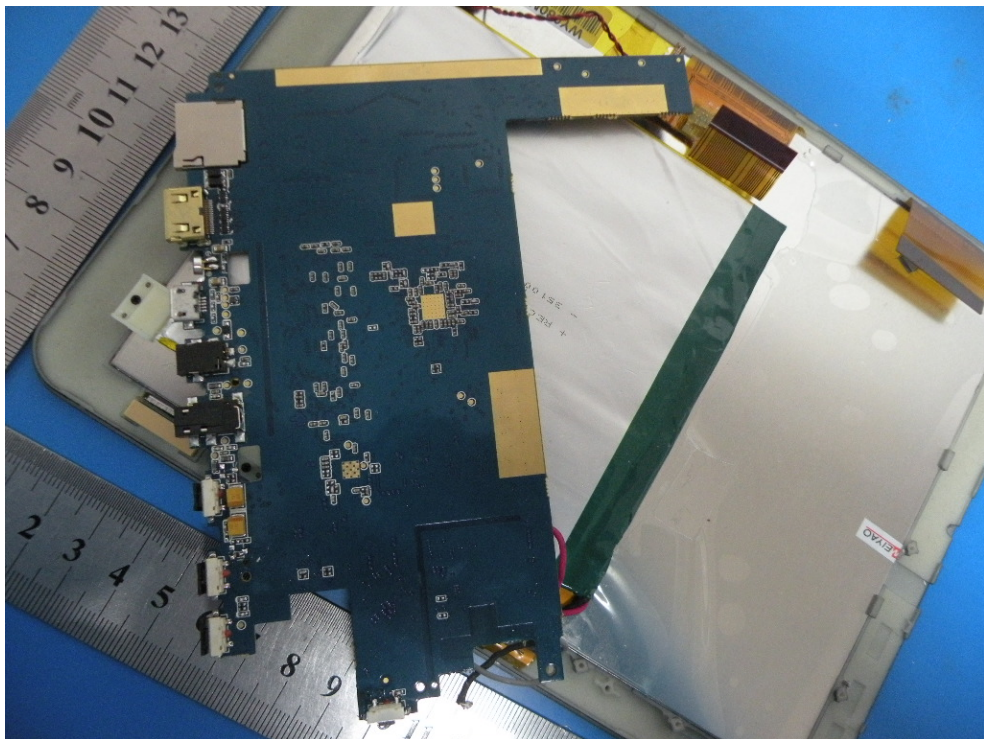
Inside View



Inside View



**Inside View**



**Inside View**

-----THE END OF REPORT-----