FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

SHENZHEN ZOWEE TECHNOLOGY CO.,LTD

Tablet PC

Model Number: PT301, S1219T, PC'TAB100X-X("X"=0~9)

FCC ID: 2AAP6M1042M

Prepared for : SHENZHEN ZOWEE TECHNOLOGY CO.,LTD
Science &Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
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Nantou, Shenzhen, Guangdong, China

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Report Number	:	ACS-F15230
Date of Test	:	Jul.21~27, 2015
Date of Report	:	Aug.12, 2015

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TEST REPORT CERTIFICATION

Applicant	:	SHENZHEN ZOWEE TECHNOLOGY CO.,LTD
Manufacturer	:	SHENZHEN ZOWEE TECHNOLOGY CO.,LTD
EUT Description	:	Tablet PC
FCC ID	:	2AAP6M1042M
(A) MODEL NO.	:	PT301, S1219T, PC'TAB100X-X("X"=0~9)
(B) SERIAL NO.	:	N/A
(C) TEST VOLTAGE	:	DC 5V From Adapter Input AC 120V/60Hz

Tested for comply with:
FCC Rules and Regulations Part 15 Subpart C: 2014

Test procedure used:
ANSI C63.10: 2013
KDB558074 D01 v03r03

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements. The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Jul.21~27, 2015 Report of date: Aug.12, 2015

Prepared by : Cindy Zhu (for) Reviewed by :
Kayli He / Assistant Sunny Lu / Assistant Manager

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report
Signature: David Jin

Approved & Authorized Signer :
David Jin / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission	FCC Part 15: 15.207	N/A
Radiated Emission	FCC Part 15: 15.209	PASS
Band Edge Compliance	FCC Part 15: 15.247	PASS
Conducted spurious emissions	FCC Part 15: 15.247	PASS
6dB Bandwidth	FCC Part 15: 15.247	PASS
Peak Output Power	FCC Part 15: 15.247	PASS
Power Spectral Density	FCC Part 15: 15.247	PASS
Antenna requirement	FCC Part 15: 15.203	PASS
N/A is an abbreviation for Not Applicable.		

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product Name	:	Tablet PC
Model Number	:	PT301, S1219T, PC'TAB100X-X("X"=0~9) (Only model name and brand name difference.)
Test Model	:	PT301
FCC ID	:	2AAP6M1042M
Radio	:	IEEE802.11 a/b/g/n; Bluetooth V3.0+EDR; Bluetooth V4.0
Operation Frequency	:	**IEEE 802.11a**: 5180MHz—5240MHz; 5260MHz—5320MHz; 5500MHz—5700MHz; 5745MHz—5825MHz **IEEE 802.11b**: 2412MHz—2462MHz **IEEE 802.11g**: 2412MHz—2462MHz **IEEE802.11n HT20**: 2412MHz—2462MHz; 5180MHz—5240MHz; 5260MHz—5320MHz; 5500MHz—5700MHz; 5745MHz—5825MHz **Bluetooth** : 2402-2480MHz
Modulation Technology	:	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM(64QAM, 16QAM,QPSK,BPSK) Bluetooth V3.0+EDR: GFSK, π/4DQPSK,8-DPSK Bluetooth V4.0: GFSK
Antenna Assembly Gain	:	**FPC Antenna,** Bluetooth Peak Gain: 2.64dBi; 2.4GHz Peak Gain: 2.64dBi 5180-5240MHz Band: 1.99dBi; 5260-5320MHz Band: 1.18dBi 5500-5700MHz Band: 2.04dBi; 5745-5825MHz Band: 1.84dBi
Applicant	:	SHENZHEN ZOWEE TECHNOLOGY CO.,LTD Science &Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen
Manufacturer	:	SHENZHEN ZOWEE TECHNOLOGY CO.,LTD Science &Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen
Power Adapter	:	Manufacturer: Ktec, Model No.: KSA29B0500200D5
Cable	:	Shielded, Detachable, 10cm
Cable	:	Shielded, Detachable, 70cm(with one core)
Date of Test	:	Jul.21~27, 2015
Date of Receipt	:	Jul.14, 2015

2.2.Test Information

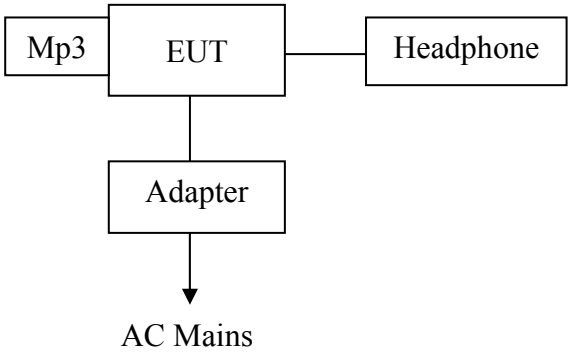
A special test software was used to control EUT work in Continuous TX mode(nearly 100% duty cycle), and select test channel, wireless mode and data rate.

Tested mode, channel, and data rate information			
Mode	data rate (Mpbs)(see Note)	Channel	Frequency (MHz)
IEEE 802.11b	1	Low :CH1	2412
	1	Middle: CH6	2437
	1	High: CH11	2462
IEEE 802.11g	6	Low :CH1	2412
	6	Middle: CH6	2437
	6	High: CH11	2462
IEEE 802.11n HT20	MCS0	Low :CH1	2412
	MCS0	Middle: CH6	2437
	MCS0	High: CH11	2462
Note: 1. According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.			

2.1.Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Headphone	ACS-EMC-EP01	OVANN	OV880V	--	☐FCC DoC ☐BSMI ID
		Date Cable: Shielded, Undetachabled, 4.0m				
2.	Mp3	--	SONY	NWZ-B172F	--	☐FCC DoC ☐BSMI ID

2.2.Block diagram of connection between the EUT and simulators



(EUT: Tablet PC)

2.3. Test Facility

Site Description

Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd. No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park,Nantou, Shenzhen, Guangdong, China
3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Valid Date: Dec.30, 2017
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Valid Date: Oct.31, 2015
EMC Lab.	:	Certificated by Industry Canada Registration Number: IC 5183A-1 Valid Date: May.14, 2017
	:	Certificated by DAkkS, Germany Registration No: D-PL-12151-01-00 Valid Date: Dec.15, 2016
	:	Accredited by NVLAP, USA NVLAP Code: 200372-0 Valid Date: Mar.31, 2016

2.4.Measurement Uncertainty (95% confidence levels, k=2)

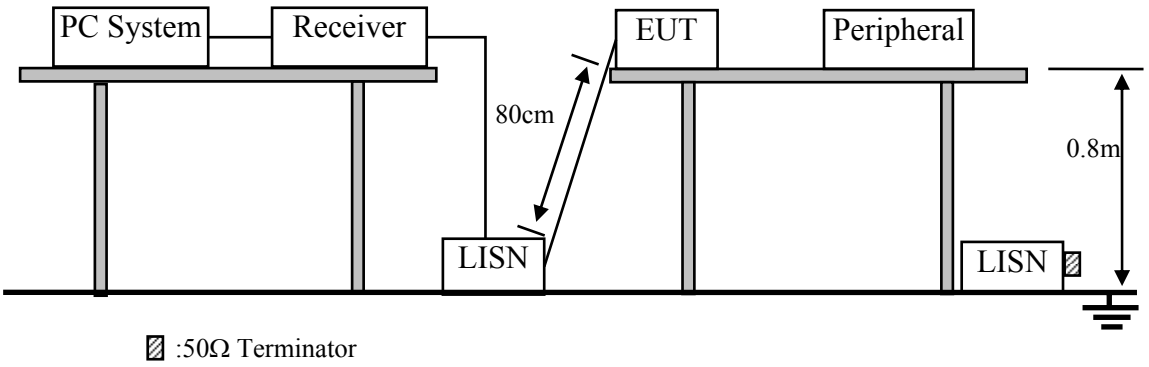
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.1dB (150KHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	3.3 dB(30~200MHz, Polarization: H)
	3.3 dB(30~200MHz, Polarization: V)
	3.5 dB(200M~1GHz, Polarization: H)
	3.4 dB(200M~1GHz, Polarization: V)
Uncertainty for Radiation Emission test in 3m chamber (1GHz-18GHz)	5.0 dB (1~6GHz, Distance: 3m)
	5.0 dB (6~18GHz, Distance: 3m)
Uncertainty for Radiated Spurious Emission test in RF chamber	3.6 dB
Uncertainty for Conduction Spurious emission test	2.0 dB
Uncertainty for Output power test	0.8 dB
Uncertainty for Bandwidth test	83 kHz
Uncertainty for DC power test	0.1 %
Uncertainty for test site temperature and humidity	0.6℃
	3%

3. POWER LINE CONDUCTED EMISSION TEST

3.1.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	1# Shielding Room	AUDIX	N/A	N/A	Apr.17,15	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCI	100842	Apr.28,15	1 Year
3.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	100429	Oct.29,14	1 Year
4.	L.I.S.N#2	Kyoritsu	K NW-403D	8-1750-2	Apr.28,15	1 Year
5.	Terminator	Hubersuhner	50Ω	No.1	Apr.28,15	1 Year
6.	Terminator	Hubersuhner	50Ω	No.2	Apr.28,15	1 Year
7.	RF Cable	MIYAZAKI	3D-2W	No.1	Apr.28,15	1Year
8.	Coaxial Switch	Anritsu	MP59B	6200766906	Apr.28,15	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101838	Oct.29,14	1 Year
10.	Test Software	AUDIX	E3	6.100913a	N/A	N/A

3.2.Block Diagram of Test Setup



3.3.Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4.1. Tablet PC (EUT)

Model Number : PT301
Serial Number : N/A

3.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turned on the power of all equipment.

3.5.3. PC run test software to control EUT work in Tx mode.

3.6. Test Procedure

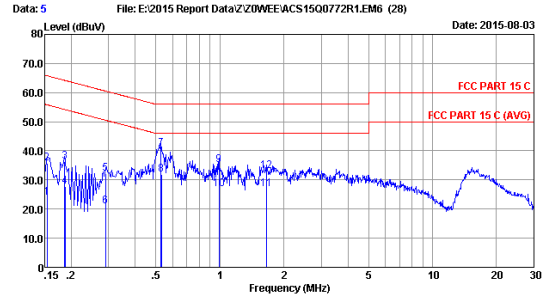
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via PC connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The 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 ANSI C63.10: 2013 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS10) is set at 9kHz.

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

3.7. Power Line Conducted Emission Test Results

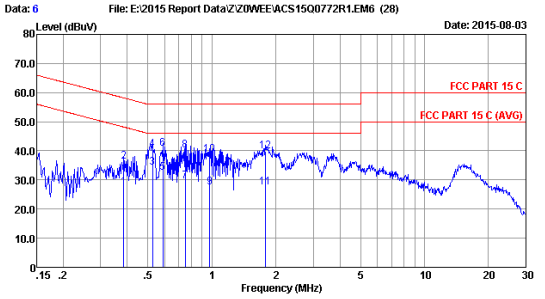
PASS. **(**All emissions not reported below are too low against the prescribed limits.)



Site no :1# Conduction Data No :5
Dis./Lisn :2014 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :25.2*C/53% Engineer :Nick_Huang
EUT :Tablet PC
Power Rating :AC 120V/60Hz
Test Mode :TX Mode (WiFi 2.4G)
M/N:PT301

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.154	0.14	9.92	13.99	24.05	55.78	31.73	Average
2	0.154	0.14	9.92	25.77	35.83	65.78	29.95	QP
3	0.186	0.13	9.93	26.13	36.19	64.20	28.01	QP
4	0.187	0.13	9.93	17.60	27.66	54.17	26.51	Average
5	0.289	0.13	9.93	22.14	32.20	60.54	28.34	QP
6	0.290	0.13	9.93	10.89	20.95	50.52	29.57	Average
7	0.529	0.15	9.94	30.51	40.60	56.00	15.40	QP
8	0.530	0.15	9.94	21.77	31.86	46.00	14.14	Average
9	0.989	0.16	9.96	25.04	35.16	56.00	20.84	QP
10	0.990	0.16	9.96	16.80	26.92	46.00	19.08	Average
11	1.653	0.18	9.97	16.70	26.85	46.00	19.15	Average
12	1.654	0.18	9.97	23.04	33.19	56.00	22.81	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Site no :1# Conduction Data No :6
Dis./Lisn :2014 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :25.2*C/53% Engineer :Nick_Huang
EUT :Tablet PC
Power Rating :AC 120V/60Hz
Test Mode :TX Mode (WiFi 2.4G)
M/N:PT301

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.385	0.15	9.94	17.30	27.39	48.17	20.78	Average
2	0.385	0.15	9.94	26.12	36.21	58.17	21.96	QP
3	0.526	0.16	9.94	24.00	34.10	46.00	11.90	Average
4	0.527	0.16	9.94	30.35	40.45	56.00	15.55	QP
5	0.588	0.16	9.94	22.50	32.60	46.00	13.40	Average
6	0.589	0.16	9.94	30.49	40.59	56.00	15.41	QP
7	0.750	0.16	9.95	19.30	29.41	46.00	16.59	Average
8	0.751	0.16	9.95	30.07	40.18	56.00	15.82	QP
9	0.978	0.18	9.96	17.30	27.44	46.00	18.56	Average
10	0.979	0.18	9.96	28.57	38.71	56.00	17.29	QP
11	1.780	0.19	9.98	17.20	27.37	46.00	18.63	Average
12	1.781	0.19	9.98	29.65	39.82	56.00	16.18	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

4. RADIATED EMISSION TEST

4.1.Test Equipment

4.1.1.For frequency range 30MHz~1000MHz (At Anechoic Chamber)

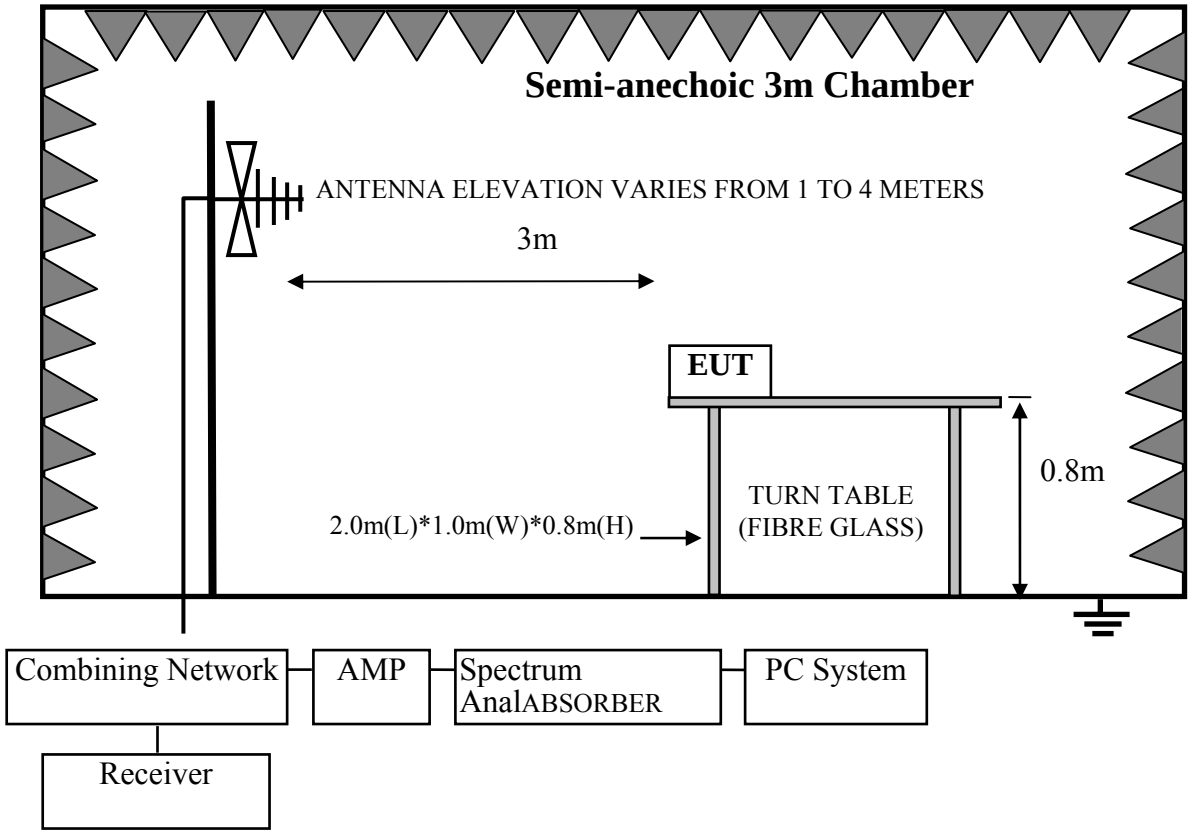
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	Nov.23, 14	1 Year
2.	EMI Spectrum	Agilent	E4407B	MY41440292	Apr. 28,15	1 Year
3.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	Apr. 28,15	1 Year
4.	Amplifier	HP	8447D	2648A04738	Apr. 28,15	1 Year
5.	Bilog Antenna	TESEQ	CBL6112D	35375	Jun. 18, 14	1 Year
6.	RF Cable	MIYAZAKI	CFD400-NL	3# Chamber No.1	Apr. 28,15	1 Year
7.	Coaxial Switch	Anritsu	MP59B	6200313662	Apr. 28,15	1 Year

4.1.2.For frequency range 1GHz~40GHz (At Anechoic Chamber)

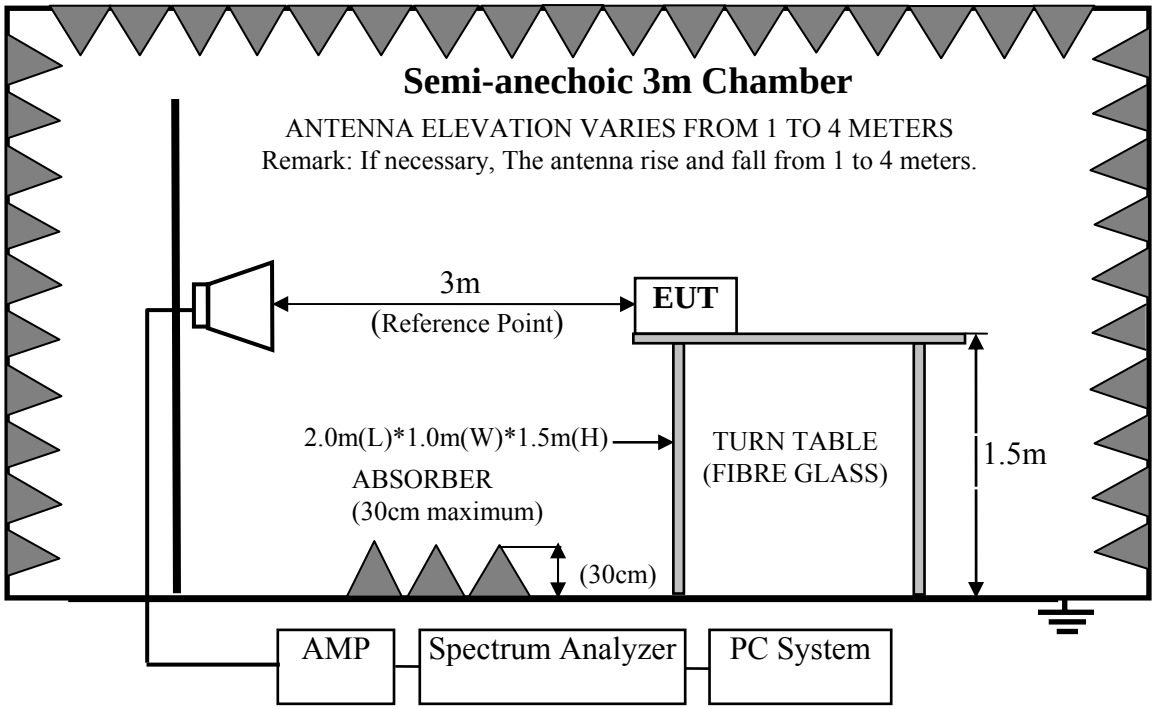
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	Nov.02, 14	1 Year
2.	Spectrum Analyzer	Agilent	E4407B	MY41440292	Apr. 28,15	1 Year
3.	Horn Antenna	ETS	3115	9607-4877	Sep.20, 14	1 Year
4.	Amplifier	Agilent	8449B	3008A00863	Apr. 28,15	1 Year
5.	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	Apr. 28,15	1 Year
6.	RF Cable	Hubersuhner	SUCOFLEX106	28616/2	Apr. 28,15	1 Year
7.	Horn Antenna	ETS	3116	00060089	Sep.20, 14	1 Year

4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-25GHz



4.3.Radiated Emission Limit

4.3.1.15.247&209 limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Remark： (1) Emission level dBμV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.3.2.15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

4.4.EUT Configuration on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

4.4.1. Rock Band 4 Wireless Fender™ Stratocaster™ for Xbox One (EUT)

Model Number : 91161
Serial Number : N/A

4.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

4.5. Operating Condition of EUT

4.5.1. Setup the EUT and simulator as shown as Section 4.2.

4.5.2. Turned on the power of all equipment.

4.5.3. Let EUT work in Tx mode

4.6. Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground for frequency 30MHz~1000MHz, 1.5 meter high above ground for frequency above 1GHz and put the absorbing with 2.4m(L)*2.4m(W)*0.3m(H) on the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it.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 between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna for frequency 30MHz~1000MHz, and the Horm antenna is used as receiving antenna for frequency above 1GHz. Both horizontal and vertical polarization of the antenna are set on test.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as test photo indicated.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10^{th} harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25GHz, So the radiated emissions from 18GHz to 25GHz were not record.

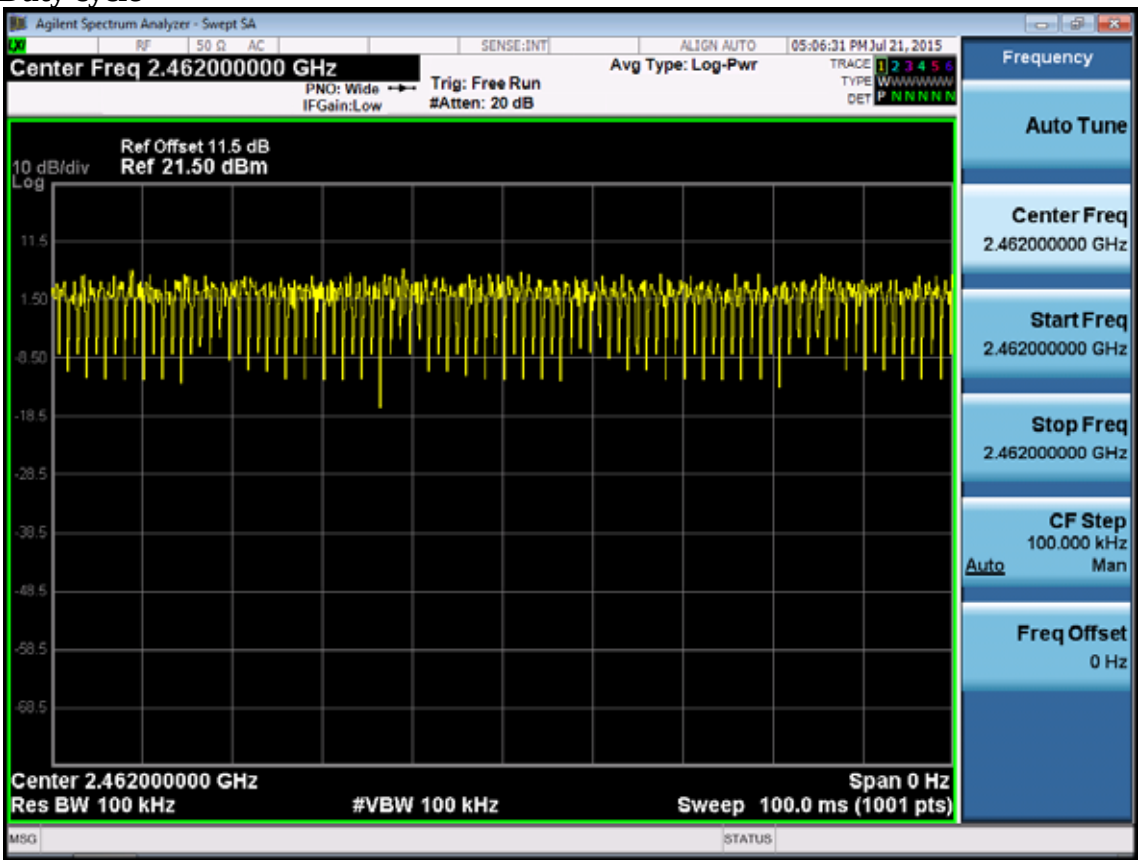
4.7. Radiated Emission Test Results

PASS.

All the emissions from 30MHz to 25 GHz were comply with 15.209 limits.

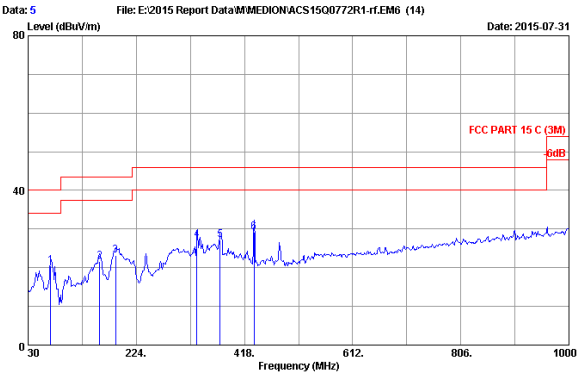
Note: For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

Duty cycle



Note: The Duty Cycle is close to 100%.

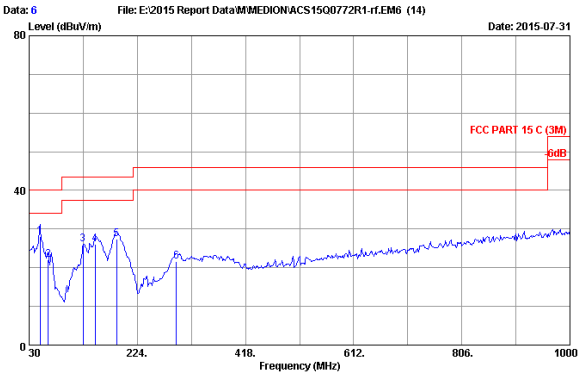
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2015 VULB 9168-493 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24°C/56% Engineer : Jolly_Xu
EUT : Tablet PC M/N:PT301
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	70.740	11.42	0.93	8.17	20.52	40.00	19.48	QP
2	158.040	14.38	1.35	5.88	21.61	43.50	21.89	QP
3	187.140	12.03	1.46	9.76	23.25	43.50	20.25	QP
4	332.640	14.75	2.01	10.52	27.28	46.00	18.72	QP
5	374.350	15.79	2.12	9.38	27.29	46.00	18.71	QP
6	435.460	16.93	2.31	10.05	29.29	46.00	16.71	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

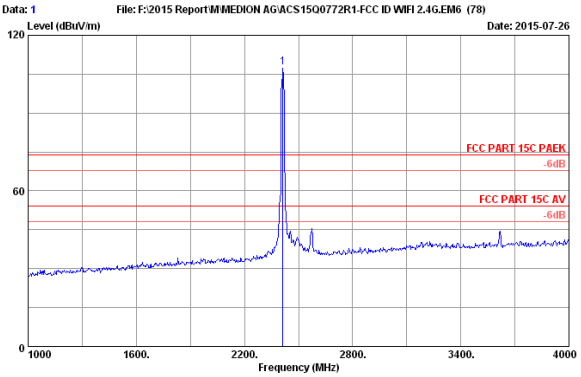


Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2015 VULB 9168-493 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24°C/56% Engineer : Jolly_Xu
EUT : Tablet PC M/N:PT301
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	49.400	14.38	0.81	12.95	28.14	40.00	11.86	QP
2	63.950	12.68	0.89	8.40	21.97	40.00	18.03	QP
3	127.000	12.94	1.21	12.03	26.18	43.50	17.32	QP
4	148.340	14.25	1.29	10.57	26.11	43.50	17.39	QP
5	187.140	12.03	1.46	13.91	27.40	43.50	16.10	QP
6	293.840	13.95	1.87	5.90	21.72	46.00	24.28	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

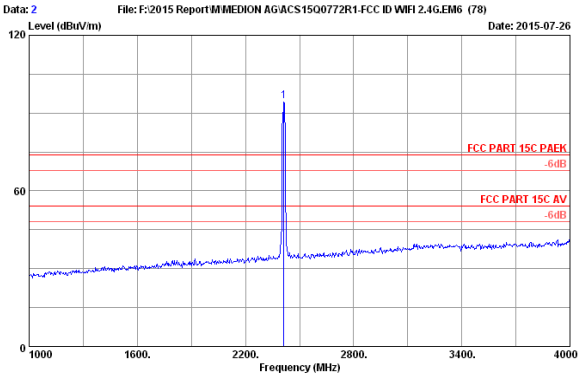
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	108.68	107.68	74.00	-33.68	Peak

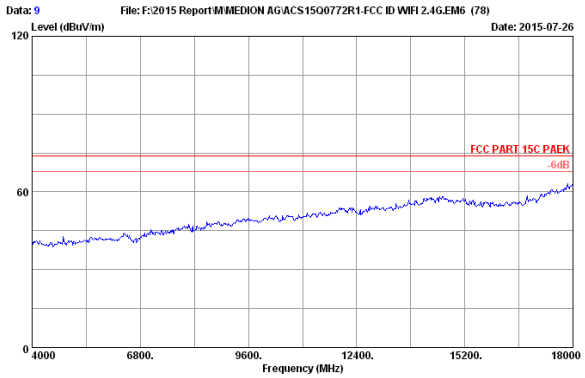
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



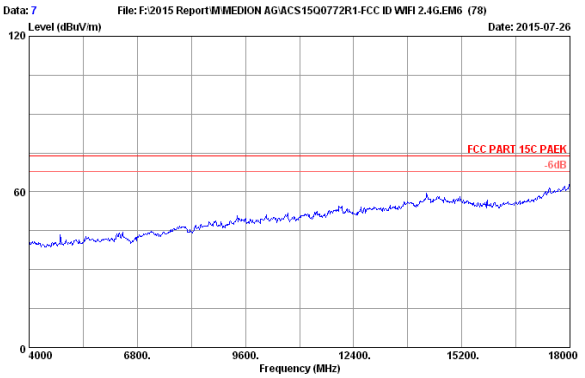
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	95.69	94.69	74.00	-20.69	Peak

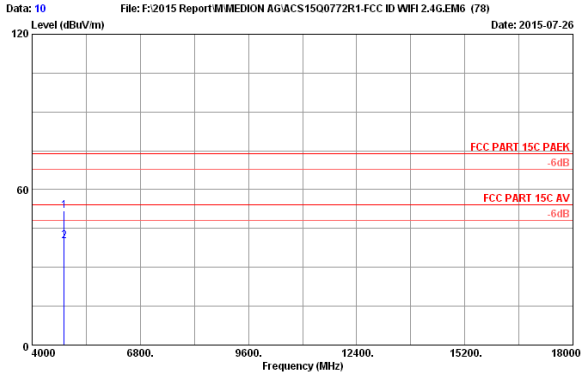
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:



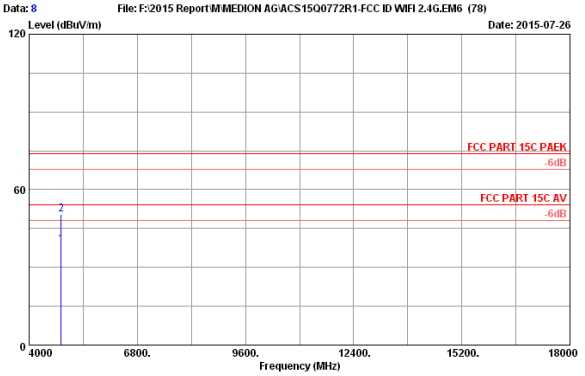
Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	44.88	51.87	74.00	22.13	Peak
2	4824.000	33.06	9.46	35.53	33.04	40.03	74.00	33.97	Peak

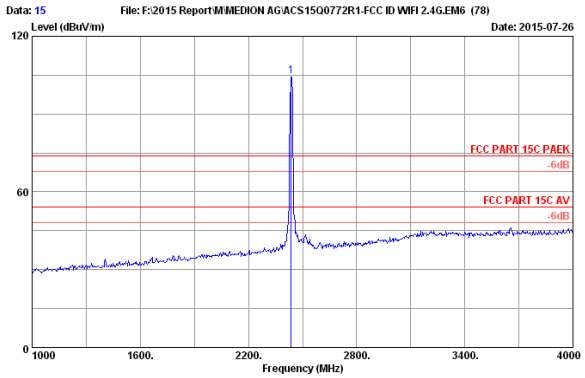
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	31.69	38.68	54.00	15.32	Average
2	4824.000	33.06	9.46	35.53	43.64	50.63	74.00	23.37	Peak

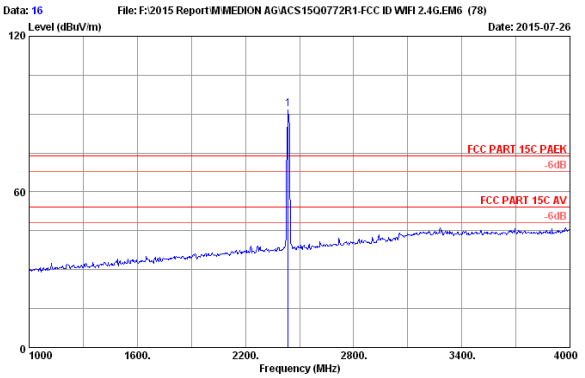
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	105.69	104.78	74.00	-30.78	Peak

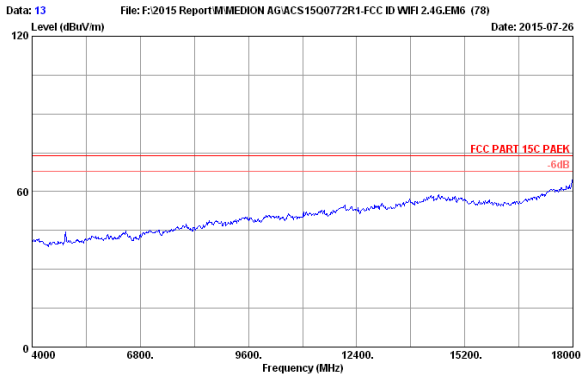
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



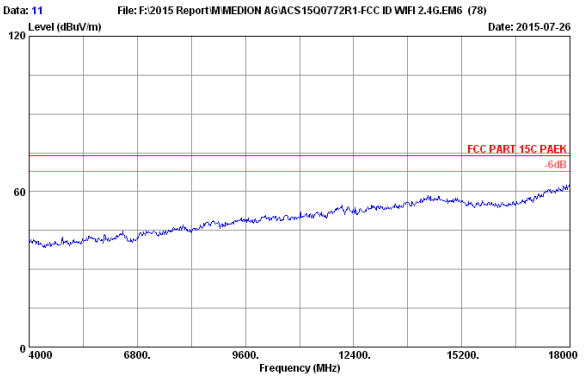
Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	92.69	91.78	74.00	-17.78	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

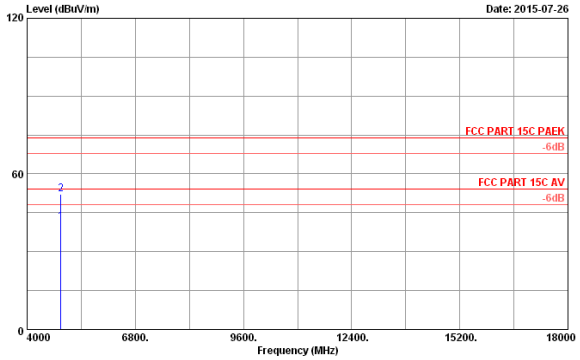


Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:

Data: 14 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

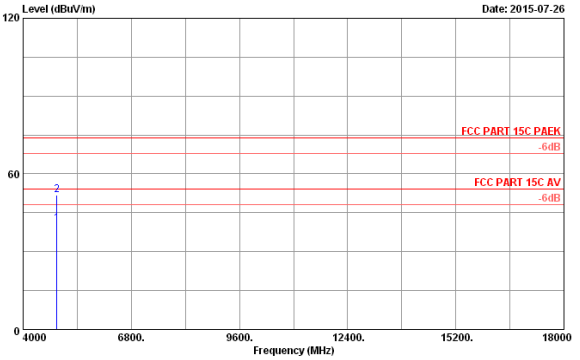


Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	34.16	41.30	54.00	12.70	Average
2	4874.000	33.16	9.49	35.51	44.97	52.11	74.00	21.89	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 12 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

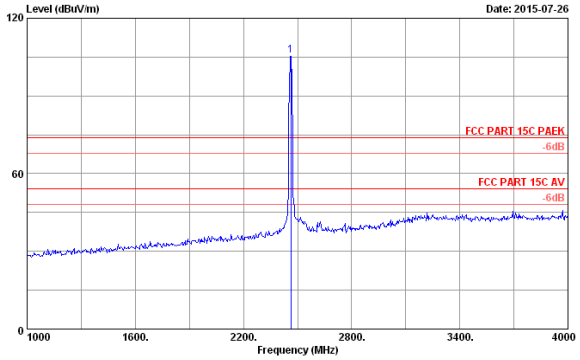


Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	33.64	40.78	54.00	13.22	Average
2	4874.000	33.16	9.49	35.51	44.75	51.89	74.00	22.11	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 21 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

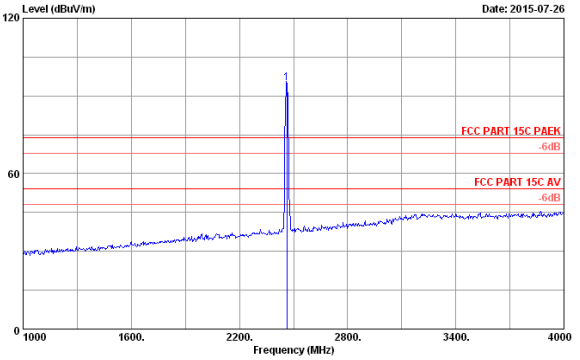


Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	106.39	105.57	74.00	-31.57	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 22 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

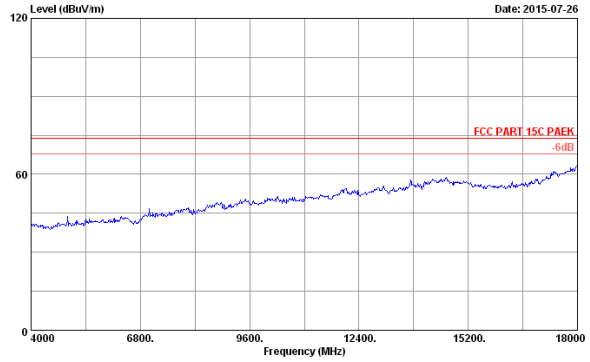


Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	95.69	94.87	74.00	-20.87	Peak

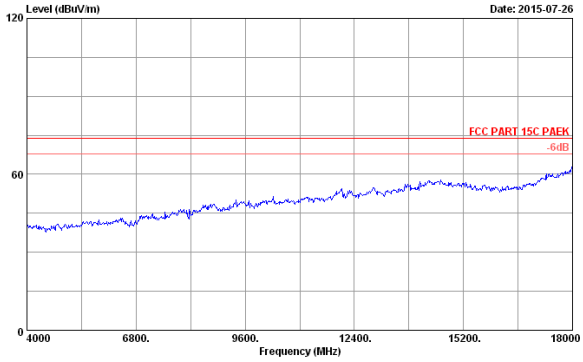
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 25 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



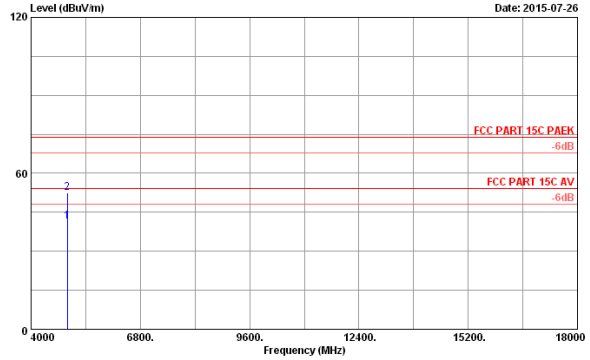
Site no. : 3m chamber Data no. : 25
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. :HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 24°C/56% Engineer : Alice-yang
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
PT301

Data: 23 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

Data: 26 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

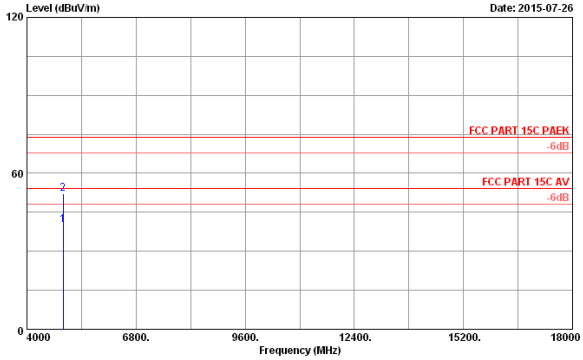


Site no. : 3m chamber Data no. : 26
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. :HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 24°C/56% Engineer : Alice-yang
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
PT301

No.	Frequency (MHz)	Reading (dBm)	Radiated Emission Level (dBm)	Radiated Emission Limits (dBm)	Margin (dB)
1	4924.000	34.06	41.34	54.00	12.66
2	4924.000	45.14	52.42	74.00	21.58

Remarks: 1. Margin= Limit - Emission Level
2. The emission levels that are 20dB below the official limit are not reported.

Data: 24 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

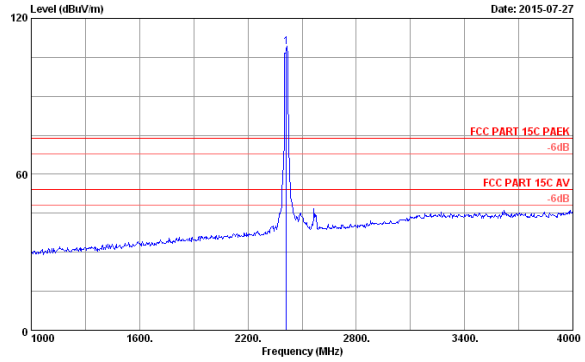


Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	9.51	35.48	32.94	40.22	54.00	13.78	Average
2	4924.000	33.25	9.51	35.48	44.98	52.26	74.00	21.74	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 27 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

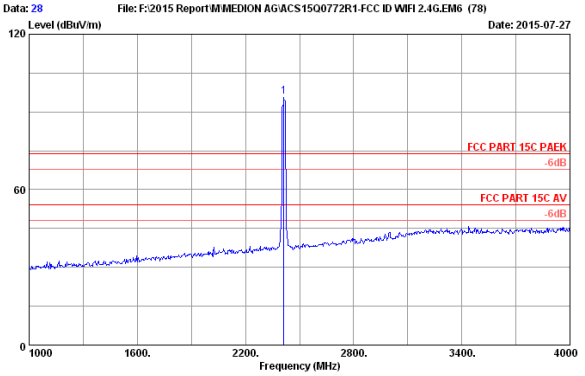


Site no. : 3m Chamber Data no. : 27
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	110.08	109.08	74.00	-35.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 28 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

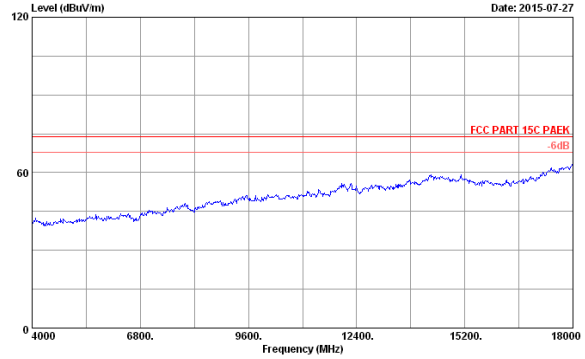


Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	96.95	95.95	74.00	-21.95	Peak

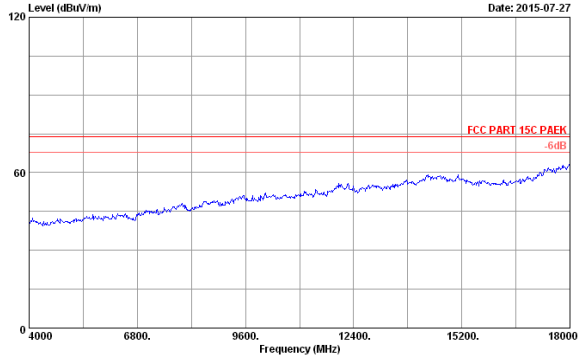
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 33 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



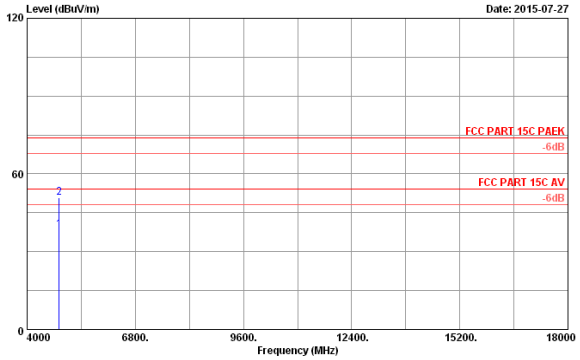
Site no. : 3m Chamber Data no. : 33
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

Data: 35 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



Site no. : 3m Chamber Data no. : 35
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

Data: 34 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

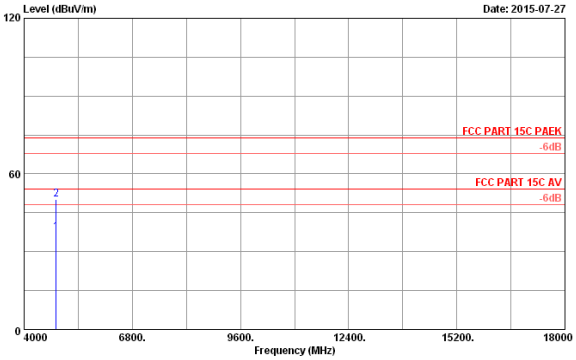


Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	31.33	38.32	54.00	15.68	Average
2	4824.000	33.06	9.46	35.53	43.97	50.96	74.00	23.04	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 36 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

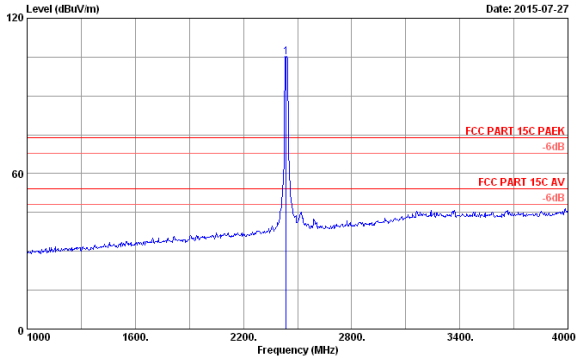


Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	30.60	37.59	54.00	16.41	Average
2	4824.000	33.06	9.46	35.53	43.29	50.28	74.00	23.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 41 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

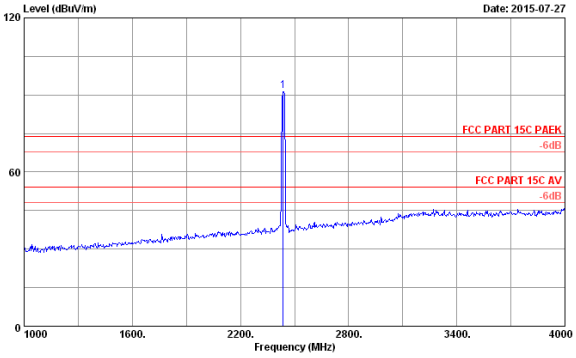


Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	105.89	104.98	74.00	-30.98	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

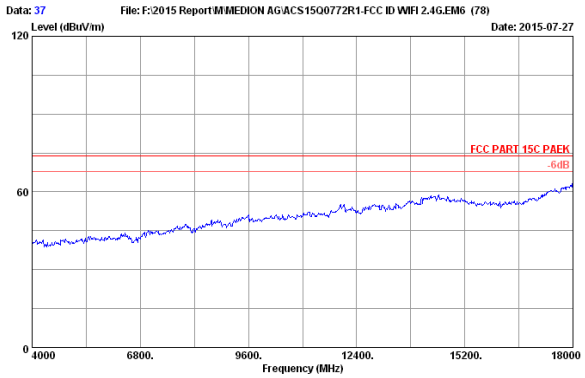
Data: 42 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



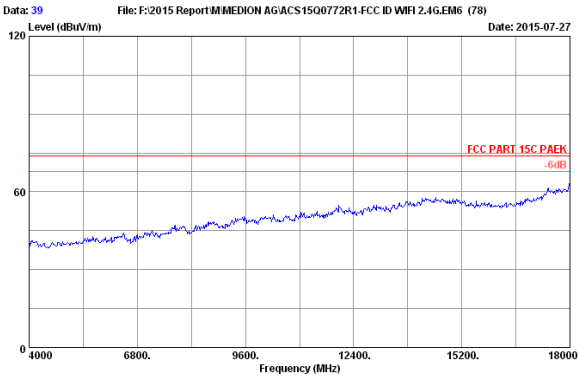
Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	92.53	91.62	74.00	-17.62	Peak

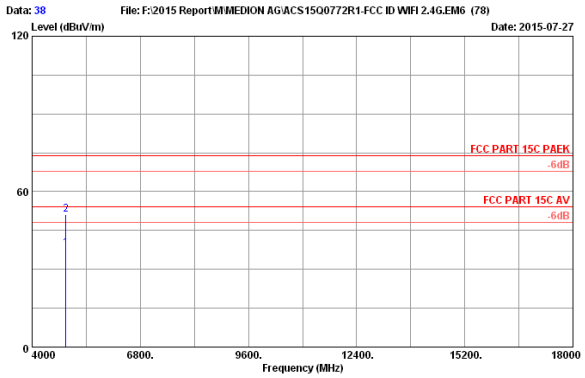
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:



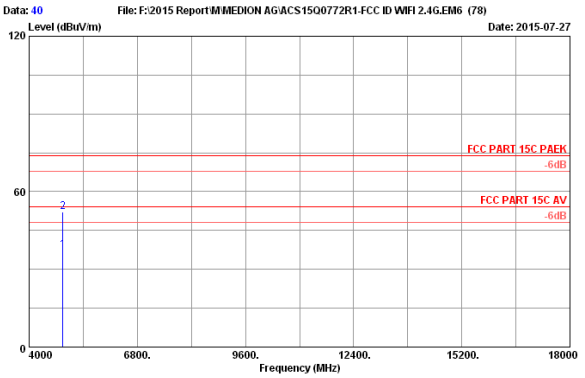
Site no. : 3m Chamber Data no. : 39
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	30.90	38.04	54.00	15.96	Average
2	4874.000	33.16	9.49	35.51	44.12	51.26	74.00	22.74	Peak

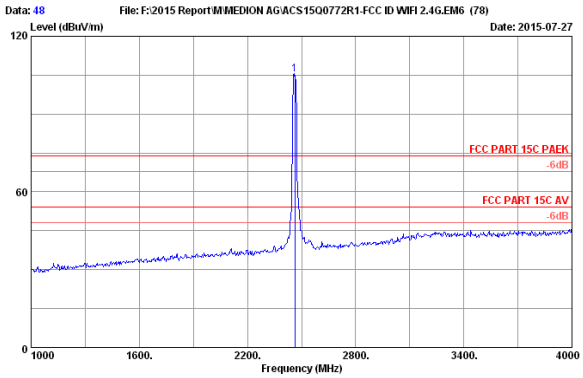
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	30.39	37.53	54.00	16.47	Average
2	4874.000	33.16	9.49	35.51	44.99	52.13	74.00	21.87	Peak

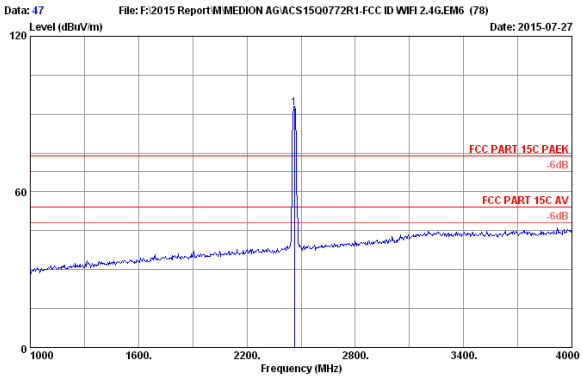
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	106.24	105.42	74.00	-31.42	Peak

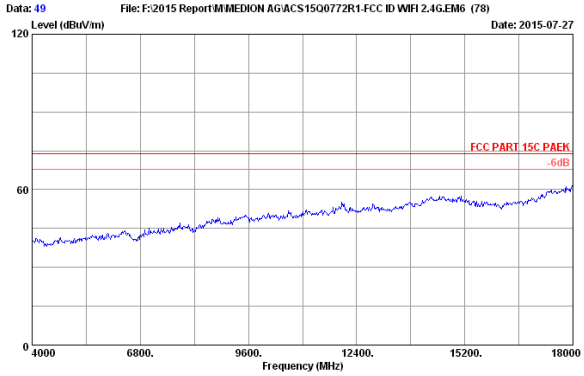
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



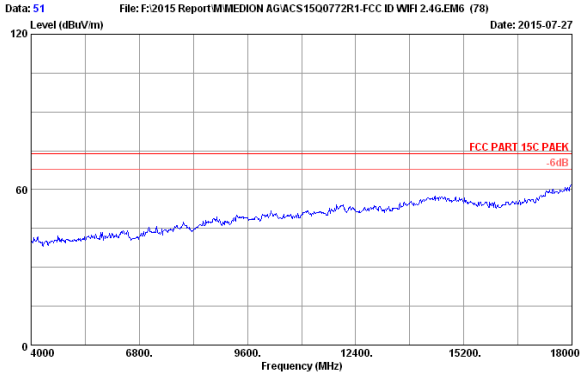
Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	93.15	92.33	74.00	-18.33	Peak

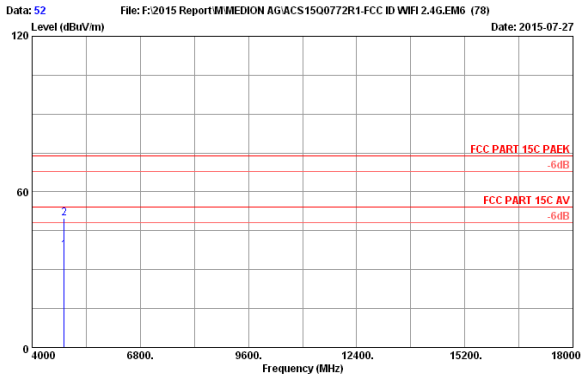
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 49
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:



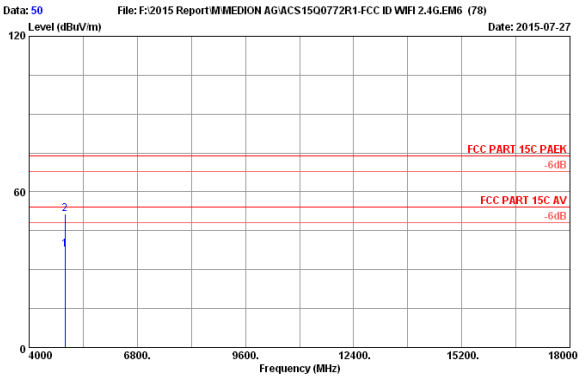
Site no. : 3m Chamber Data no. : 51
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	30.45	37.44	54.00	16.56	Average
2	4824.000	33.06	9.46	35.53	42.75	49.74	74.00	24.26	Peak

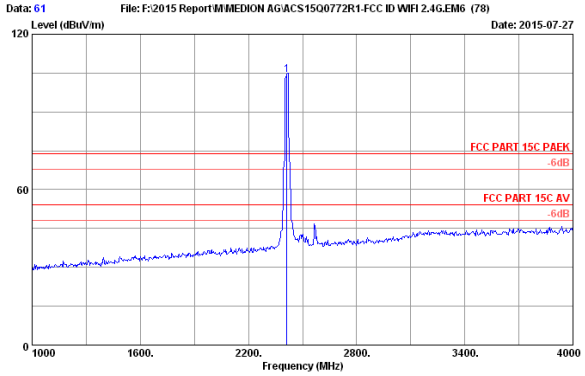
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	9.51	35.48	30.48	37.76	54.00	16.24	Average
2	4924.000	33.25	9.51	35.48	44.18	51.46	74.00	22.54	Peak

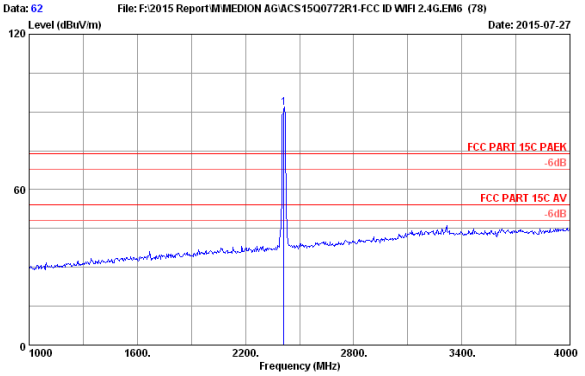
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 61
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	105.29	104.29	74.00	-30.29	Peak

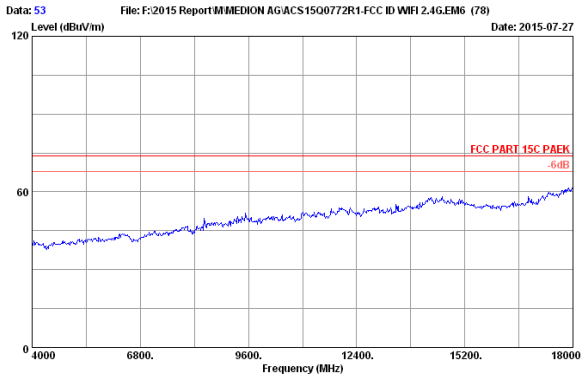
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



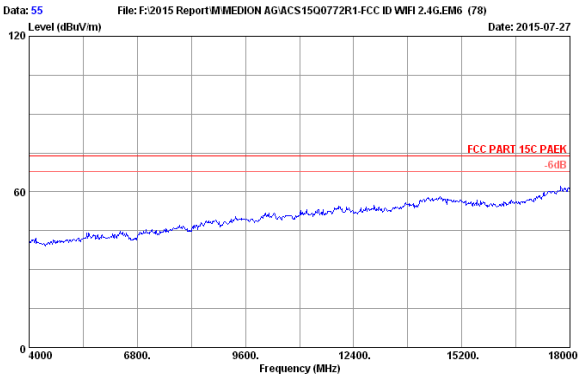
Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.27	7.35	36.62	92.69	91.69	74.00	-17.69	Peak

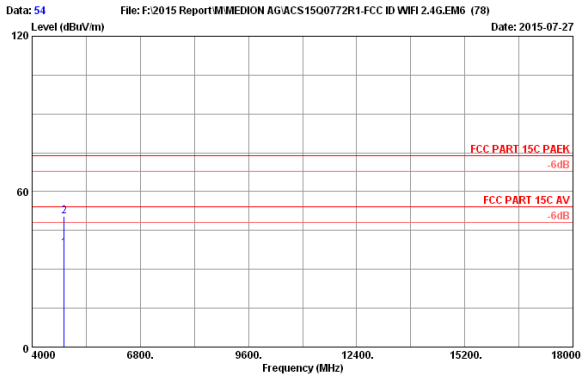
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 53
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:



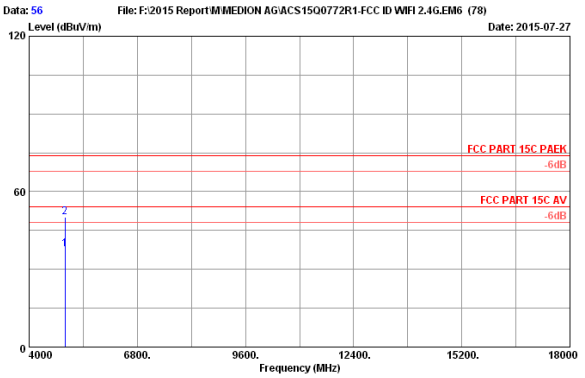
Site no. : 3m Chamber Data no. : 55
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.06	9.46	35.53	31.24	38.23	54.00	15.77	Average
2	4824.000	33.06	9.46	35.53	43.45	50.44	74.00	23.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

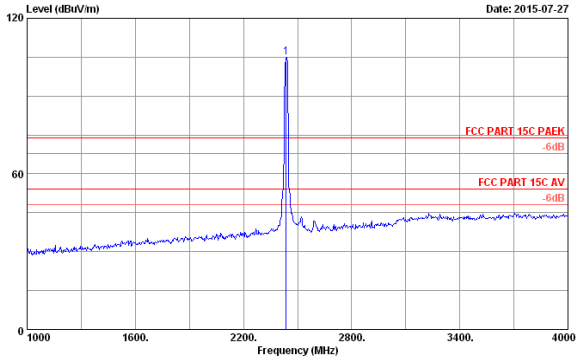


Site no. : 3m Chamber Data no. : 56
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	9.51	35.48	30.51	37.79	54.00	16.21	Average
2	4924.000	33.25	9.51	35.48	42.98	50.26	74.00	23.74	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 64 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

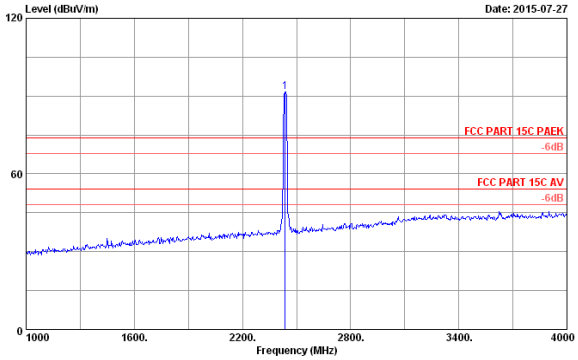


Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	105.92	105.01	74.00	-31.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 63 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

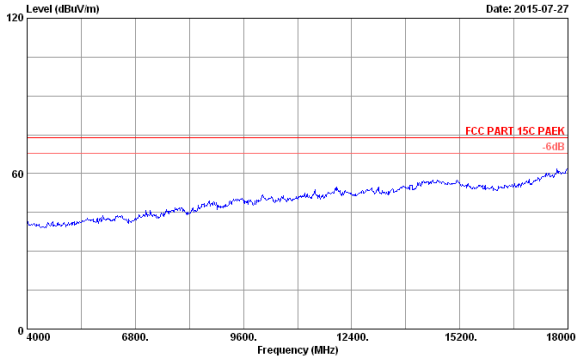


Site no. : 3m Chamber Data no. : 63
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.31	7.39	36.61	92.64	91.73	74.00	-17.73	Peak

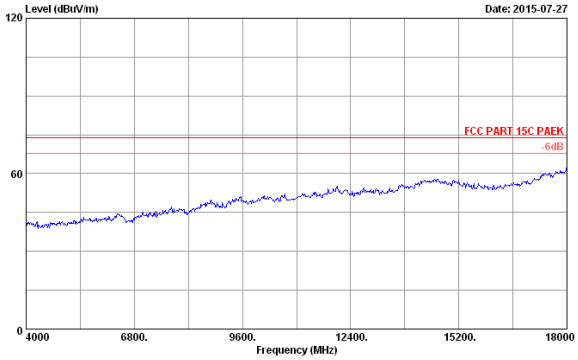
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 65 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

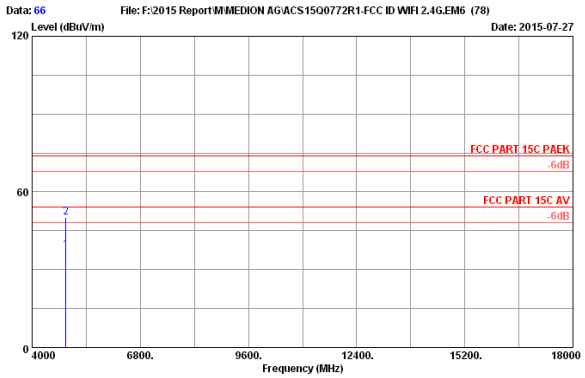


Site no. : 3m Chamber Data no. : 65
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:

Data: 67 File: F:\2015 Report\MMEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



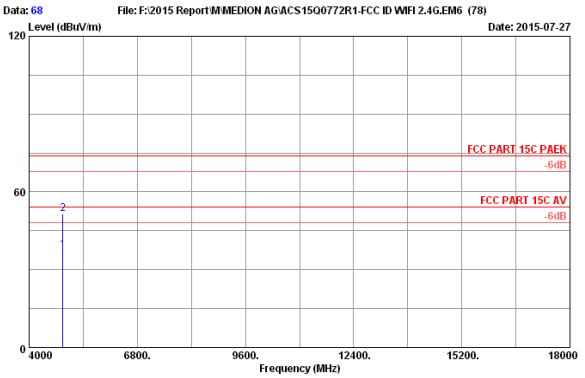
Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	30.25	37.39	54.00	16.61	Average
2	4874.000	33.16	9.49	35.51	43.07	50.21	74.00	23.79	Peak

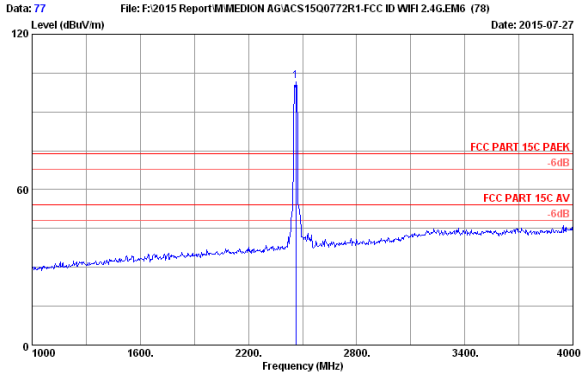
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.16	9.49	35.51	30.14	37.28	54.00	16.72	Average
2	4874.000	33.16	9.49	35.51	44.27	51.41	74.00	22.59	Peak

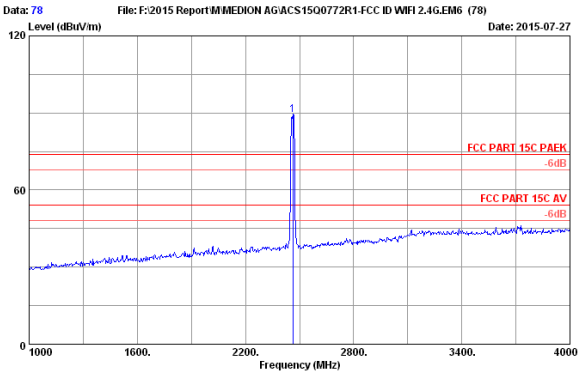
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 77
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	102.69	101.87	74.00	-27.87	Peak

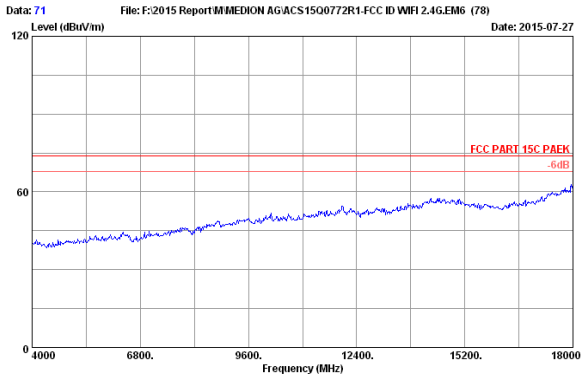
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



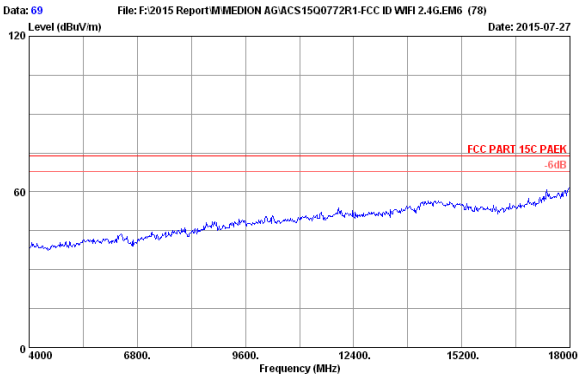
Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.35	7.43	36.60	90.18	89.36	74.00	-15.36	Peak

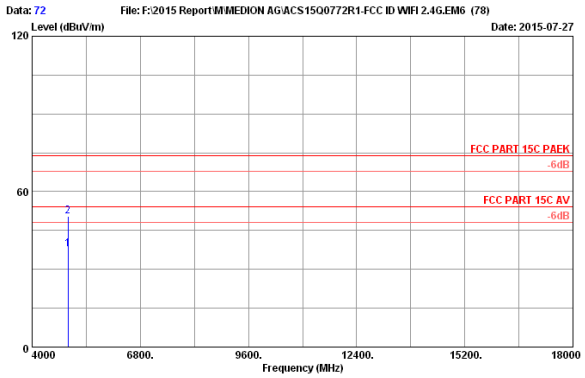
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 71
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:



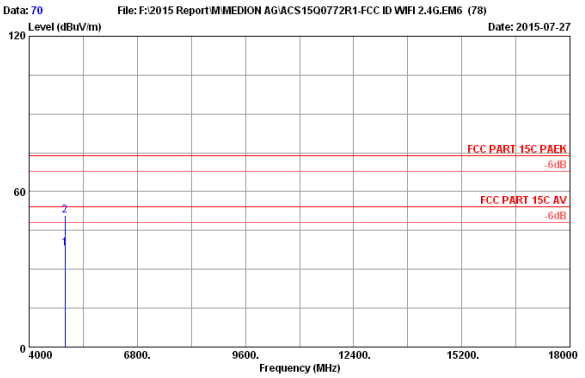
Site no. : 3m Chamber Data no. : 69
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:



Site no. : 3m Chamber Data no. : 72
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	9.51	35.48	30.64	37.92	54.00	16.08	Average
2	4924.000	33.25	9.51	35.48	43.17	50.45	74.00	23.55	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 70
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.25	9.51	35.48	30.67	37.95	54.00	16.05	Average
2	4924.000	33.25	9.51	35.48	43.43	50.71	74.00	23.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

5. CONDUCTED SPURIOUS EMISSIONS

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,15	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,15	1 Year

5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

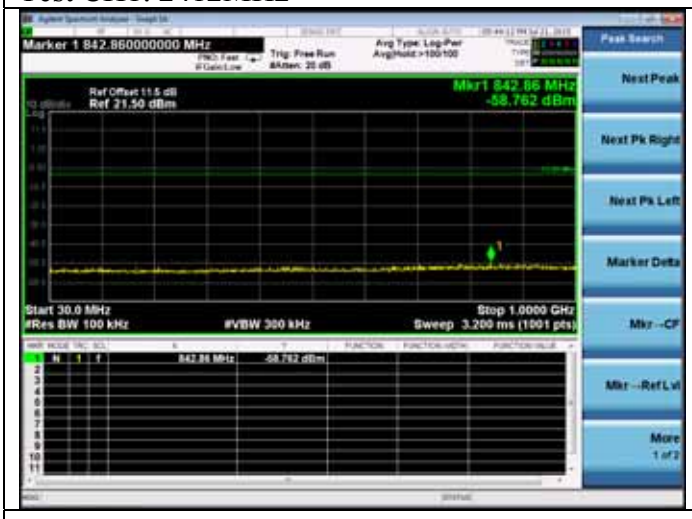
5.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions with peak detector.

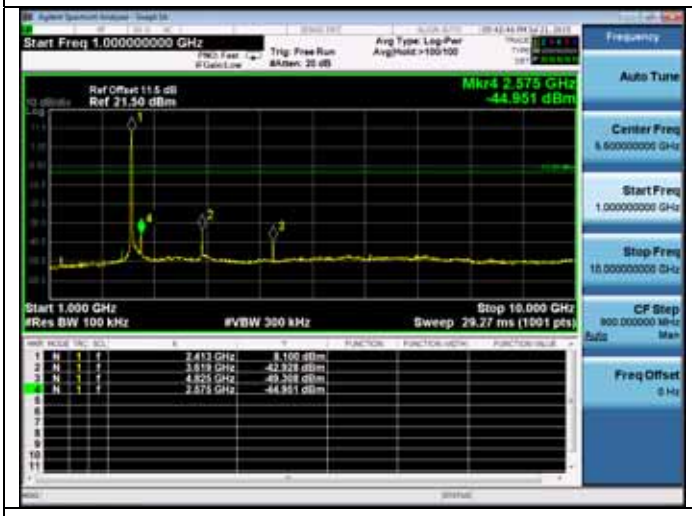
5.4. Test result

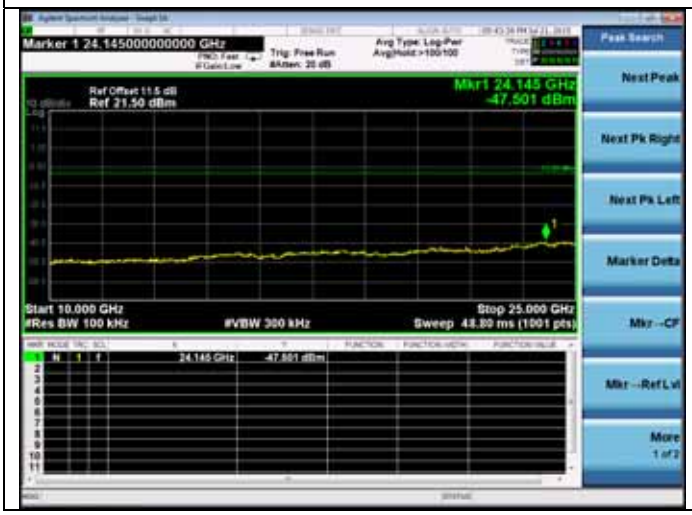
PASS (The testing data was attached in the next pages.)

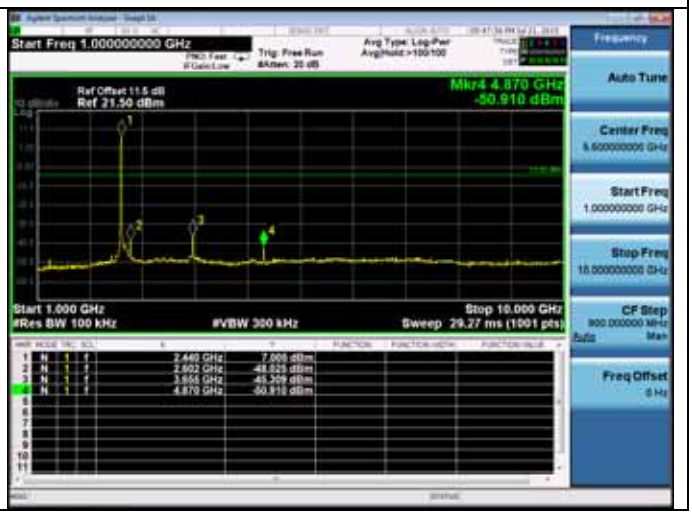
Test Mode: IEEE 802.11b
Test CH1: 2412MHz

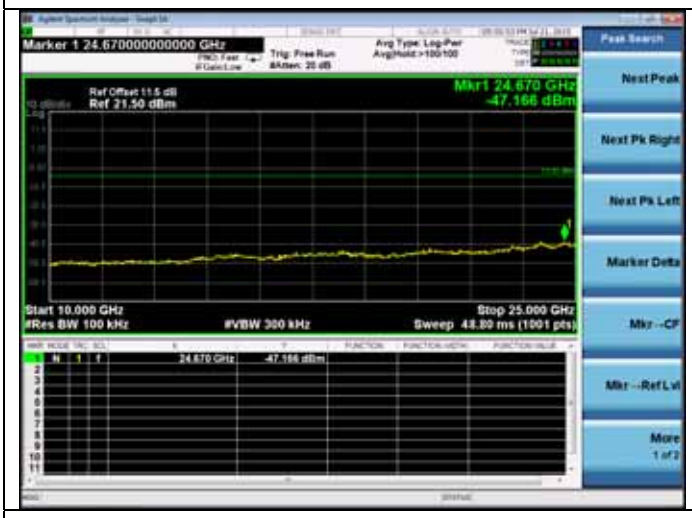


Test CH6: 2437MHz

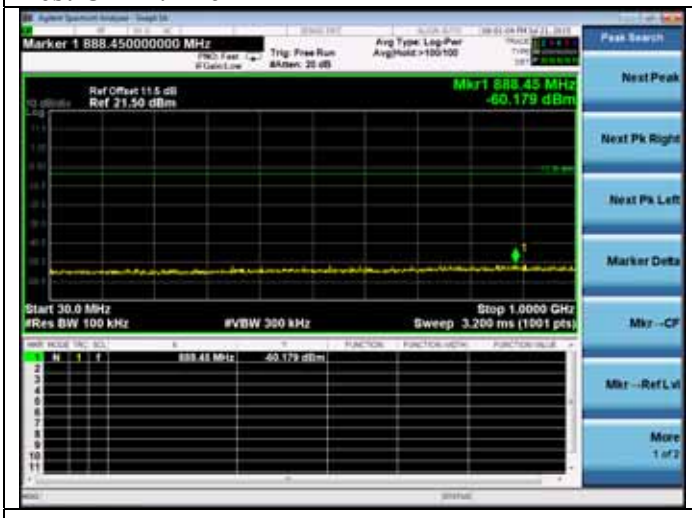




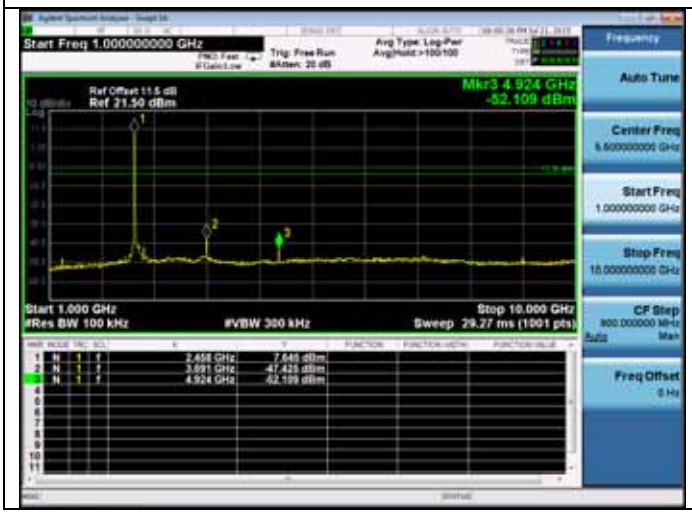


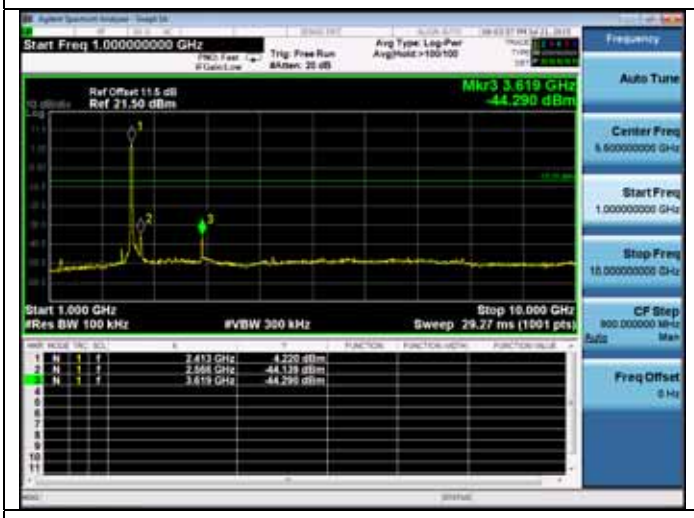
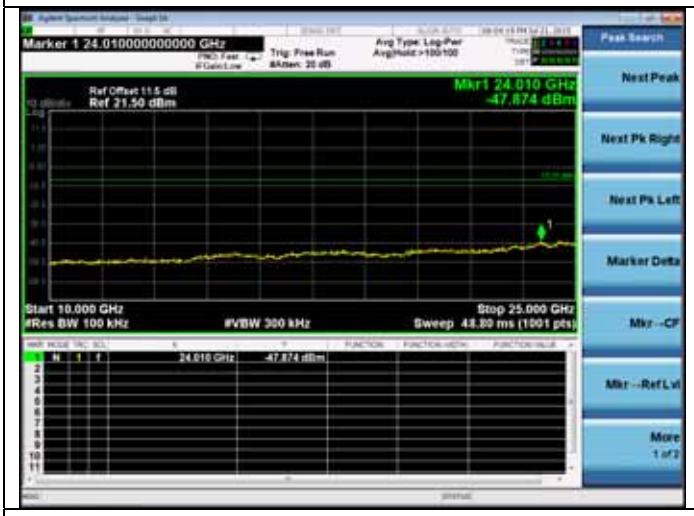
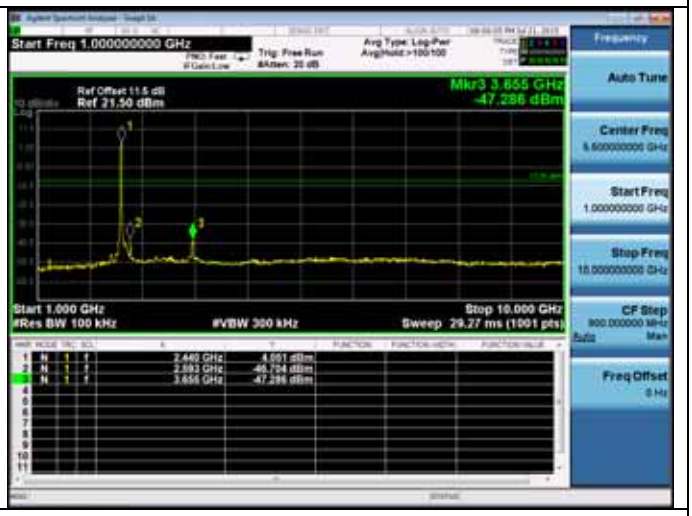


Test CH11: 2462MHz

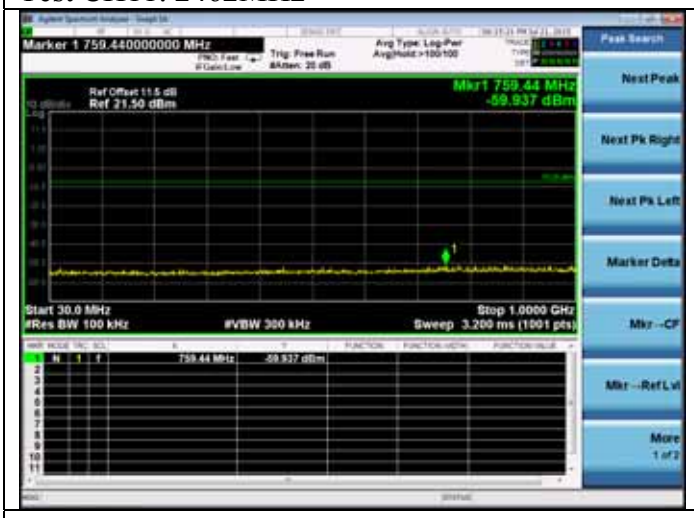


Test Mode: IEEE 802.11g
Test CH1: 2412MHz

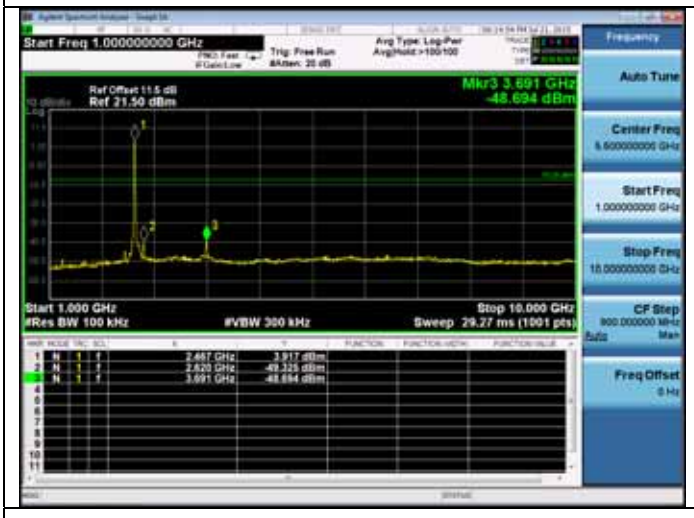


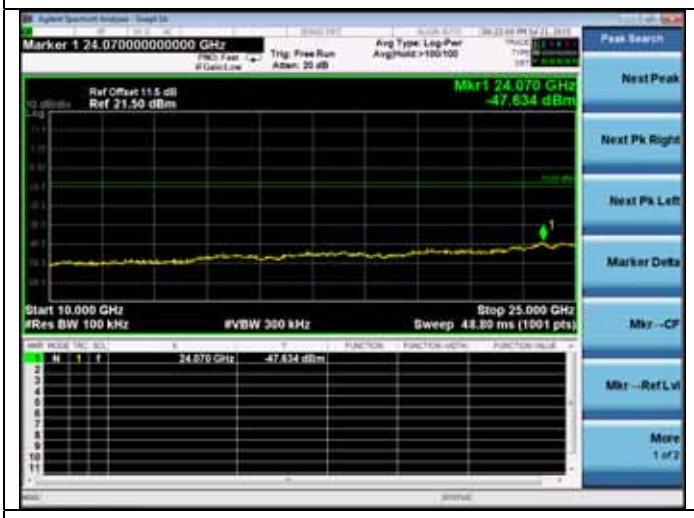
	Test CH6: 2437MHz
	
	
	

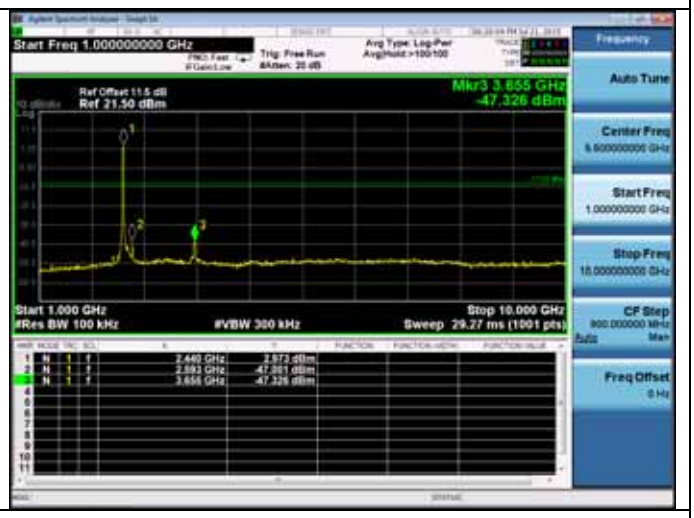
Test CH11: 2462MHz



Test Mode: IEEE 802.11g
Test CH1: 2412MHz

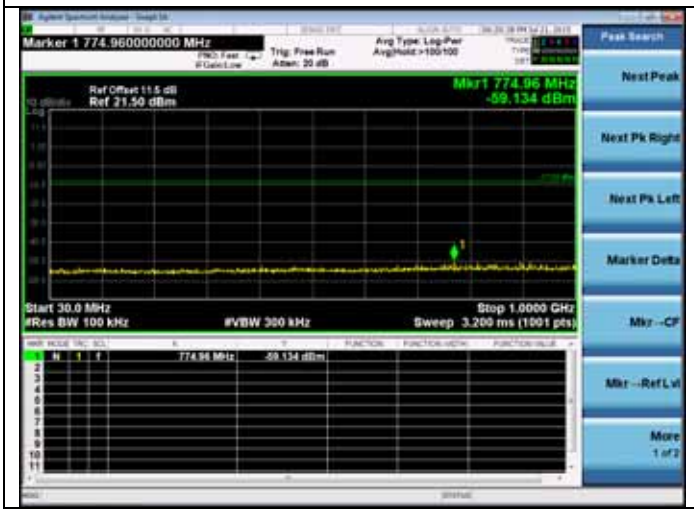


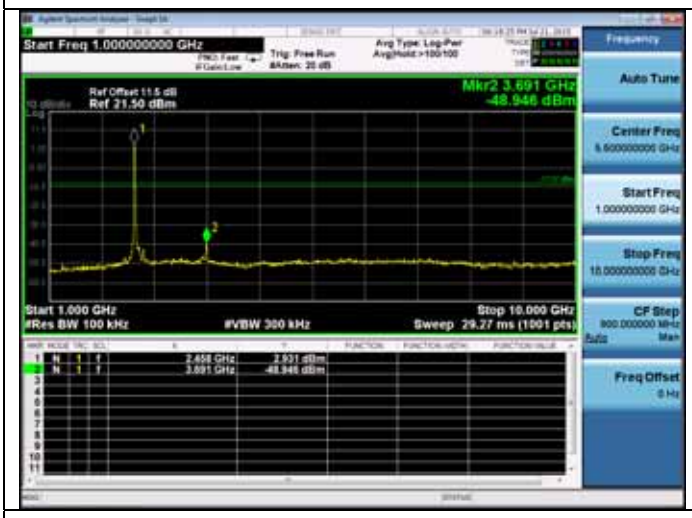




Test CH6: 2437MHz

Test CH11: 2462MHz



 Start Freq 1.000000000 GHz Mkr2 3.691 GHz -48.946 dBm Ref Offset 11.5 dB Ref 21.50 dBm Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 10.000 GHz Sweep 29.27 ms (1001 pts)	 Start Freq 2.450000000 GHz Mkr1 2.463 38 GHz 2.830 dBm Ref Offset 11.5 dB Ref 21.50 dBm Start 2.45000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.51000 GHz Sweep 1.000 ms (1001 pts)
 Marker 1 23.980000000000 GHz Mkr1 23.980 GHz -46.949 dBm Ref Offset 11.5 dB Ref 21.50 dBm Start 10.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 48.80 ms (1001 pts)	

6. BAND EDGE COMPLIANCE TEST

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Amp	HP	8449B	3008A02495	Apr. 28,15	1 Year
2.	Horn Antenna	ETS	3115	9510-4877	Sep.20,14	1 Year
3.	HF Cable	Hubersuhner	Sucoflex104	274094/4	Apr. 28,15	1 Year
4.	RF Cable	Hubersuhner	Sucoflex102	28610/2	Apr. 28,15	1 Year

6.2.Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

6.3.Test Produce

1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.

2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.

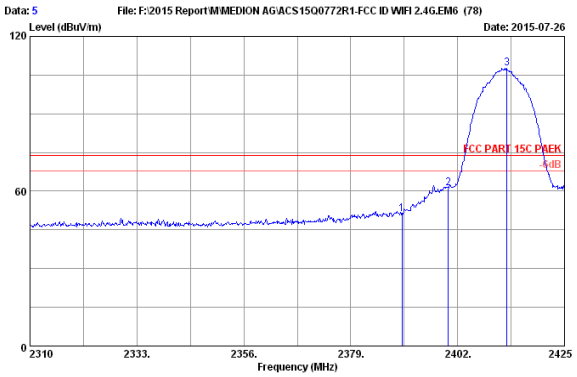
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

(a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
(b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

6.4.Test Results

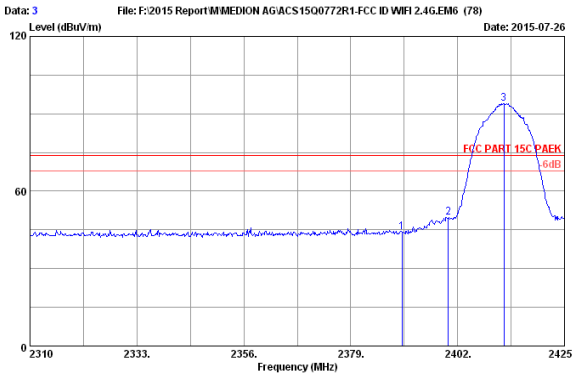
Pass (The testing data was attached in the next pages.)



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.040	28.24	7.28	36.62	52.38	51.28	74.00	22.72	Peak
2	2400.000	28.25	7.32	36.62	62.36	61.31	74.00	12.69	Peak
3	2412.580	28.27	7.35	36.61	108.51	107.52	74.00	-33.52	Peak

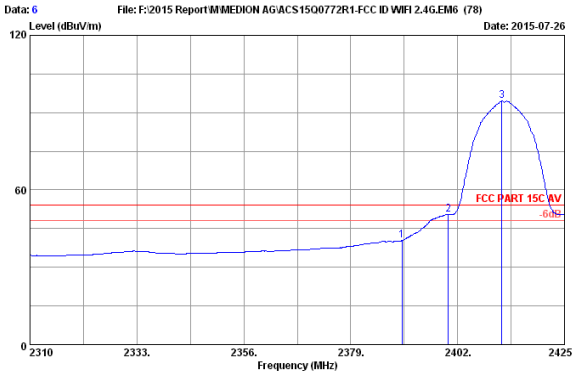
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	45.32	44.22	74.00	29.78	Peak
2	2400.000	28.25	7.32	36.62	50.71	49.66	74.00	24.34	Peak
3	2412.005	28.27	7.35	36.62	95.02	94.02	74.00	-20.02	Peak

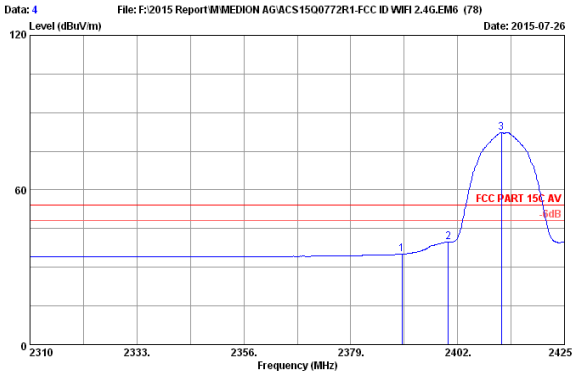
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	41.45	40.35	54.00	13.65	Average
2	2400.000	28.25	7.32	36.62	51.57	50.52	54.00	3.48	Average
3	2411.545	28.27	7.35	36.62	95.47	94.47	54.00	-40.47	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

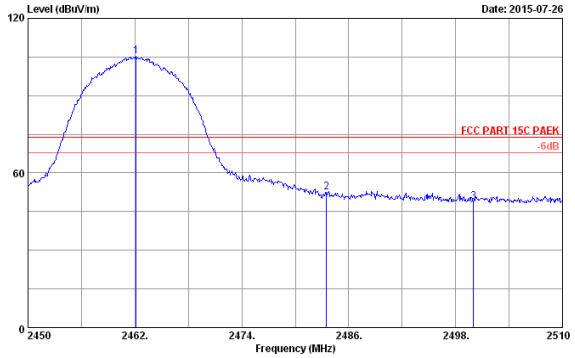


Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	36.19	35.09	54.00	18.91	Average
2	2400.000	28.25	7.32	36.62	40.99	39.94	54.00	14.06	Average
3	2411.430	28.27	7.35	36.62	83.39	82.39	54.00	-28.39	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 19 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

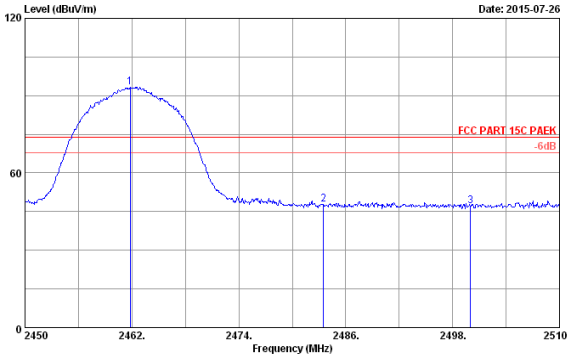


Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.120	28.35	7.43	36.60	105.99	105.17	74.00	-31.17	Peak
2	2483.500	28.38	7.51	36.59	53.22	52.52	74.00	21.48	Peak
3	2500.000	28.40	7.51	36.58	49.59	48.92	74.00	25.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 17 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

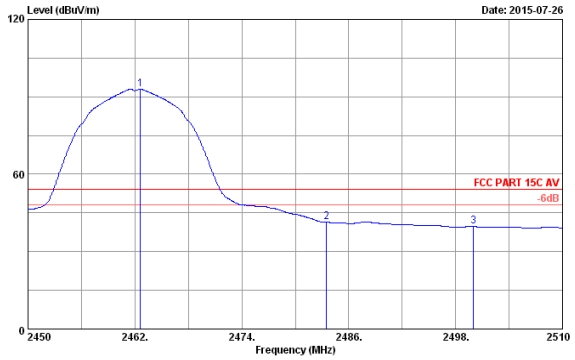


Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2461.820	28.34	7.43	36.60	94.22	93.39	74.00	-19.39	Peak
2	2483.500	28.38	7.51	36.59	48.39	47.69	74.00	26.31	Peak
3	2500.000	28.40	7.51	36.58	47.81	47.14	74.00	26.86	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 20 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

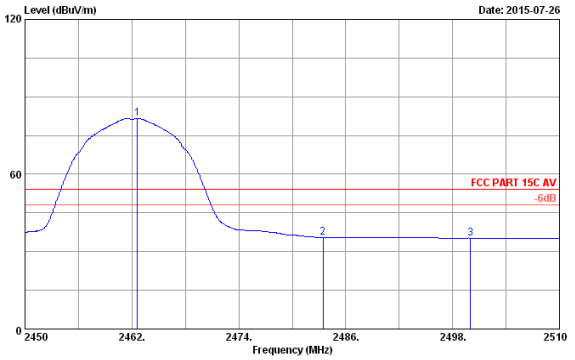


Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.600	28.35	7.43	36.59	93.73	92.92	54.00	-38.92	Average
2	2483.500	28.38	7.51	36.59	42.12	41.42	54.00	12.58	Average
3	2500.000	28.40	7.51	36.58	40.35	39.68	54.00	14.32	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

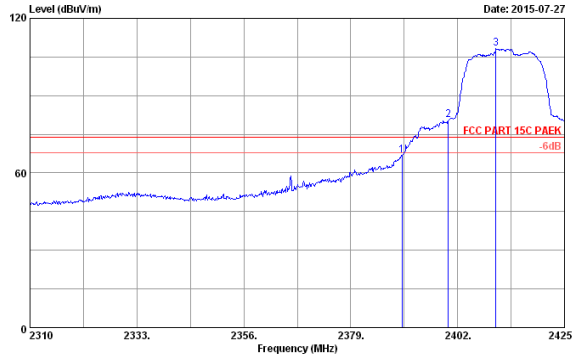
Data: 18 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.600	28.35	7.43	36.59	82.53	81.72	54.00	-27.72	Average
2	2483.480	28.38	7.51	36.59	36.19	35.49	54.00	18.51	Average
3	2500.000	28.40	7.51	36.58	35.91	35.24	54.00	18.76	Average

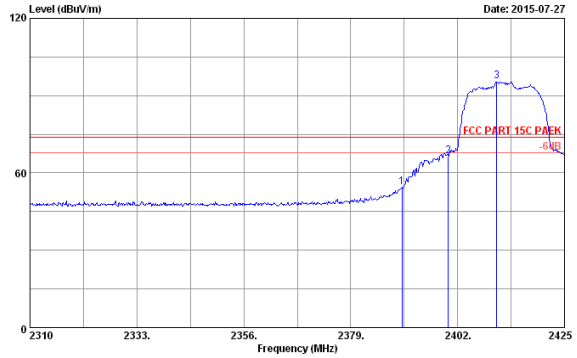
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	68.02	66.92	74.00	7.08	Peak
2	2400.000	28.25	7.32	36.62	81.62	80.57	74.00	-6.57	Peak
3	2410.280	28.27	7.32	36.62	109.25	108.22	74.00	-34.22	Peak

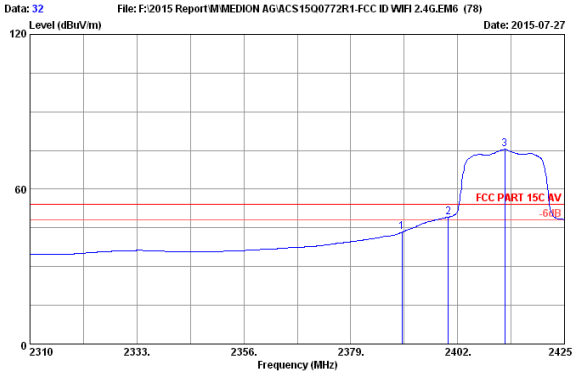
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 29
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	55.54	54.44	74.00	19.56	Peak
2	2400.000	28.25	7.32	36.62	67.54	66.49	74.00	7.51	Peak
3	2410.395	28.27	7.32	36.62	96.53	95.50	74.00	-21.50	Peak

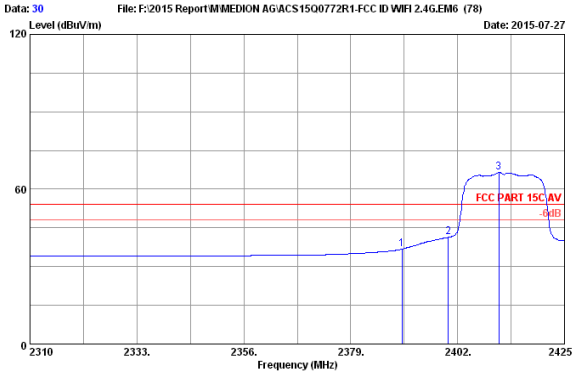
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	44.46	43.36	54.00	10.64	Peak
2	2400.000	28.25	7.32	36.62	50.34	49.29	54.00	4.71	Peak
3	2412.120	28.27	7.35	36.62	76.50	75.50	54.00	-21.50	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

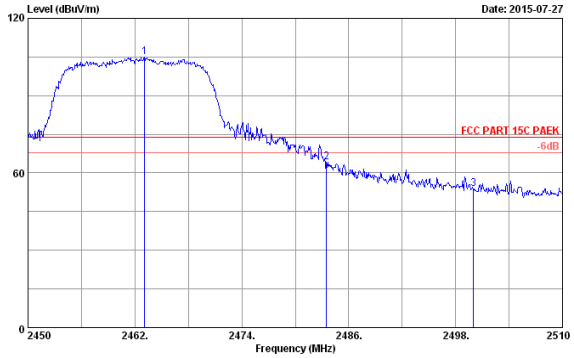


Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	37.93	36.83	54.00	17.17	Average
2	2400.000	28.25	7.32	36.62	42.47	41.42	54.00	12.58	Average
3	2410.855	28.27	7.32	36.62	67.51	66.48	54.00	-12.48	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 43 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

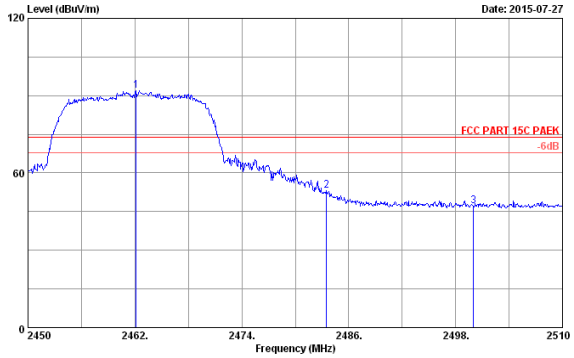


Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.080	28.35	7.43	36.59	105.93	105.12	74.00	-31.12	Peak
2	2483.500	28.38	7.51	36.59	65.04	64.34	74.00	9.66	Peak
3	2500.000	28.40	7.51	36.58	54.54	53.87	74.00	20.13	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 46 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

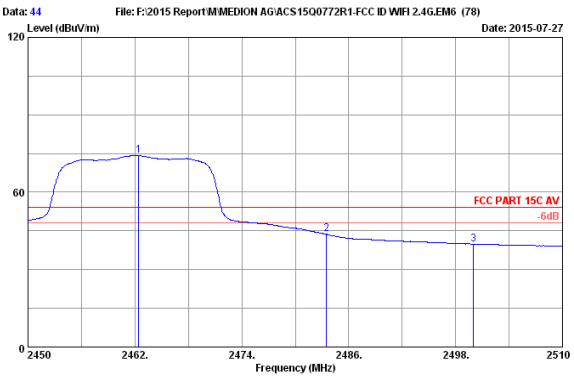


Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.120	28.35	7.43	36.60	92.91	92.09	74.00	-18.09	Peak
2	2483.500	28.38	7.51	36.59	53.99	53.29	74.00	20.71	Peak
3	2500.000	28.40	7.51	36.58	47.64	46.97	74.00	27.03	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Data: 44 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)

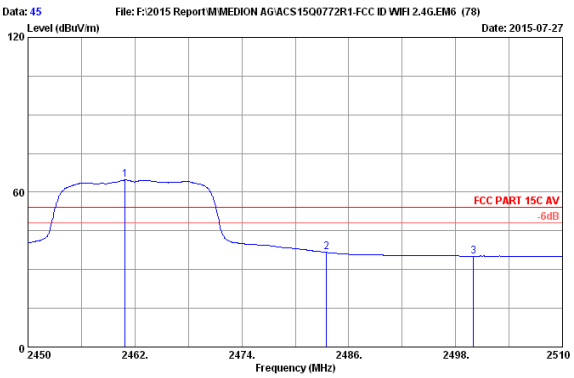


Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.420	28.35	7.43	36.60	75.03	74.21	54.00	-20.21	Average
2	2483.500	28.38	7.51	36.59	44.38	43.68	54.00	10.32	Average
3	2500.000	28.40	7.51	36.58	40.59	39.92	54.00	14.08	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

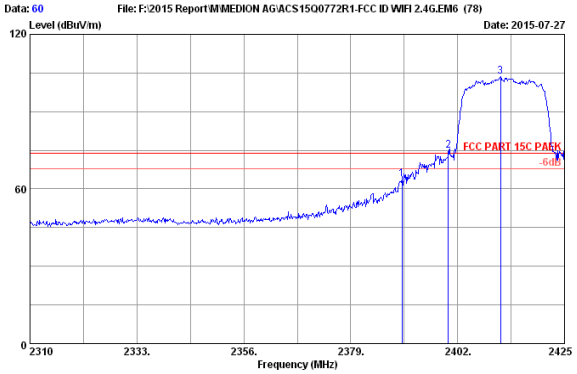
Data: 45 File: F:\2015 Report\M\MEDION AG\ACS15Q0772R1-FCC ID WIFI 2.4G.EM6 (78)



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.920	28.34	7.43	36.60	65.56	64.73	54.00	-10.73	Average
2	2483.500	28.38	7.51	36.59	37.40	36.70	54.00	17.30	Average
3	2500.000	28.40	7.51	36.58	35.93	35.26	54.00	18.74	Average

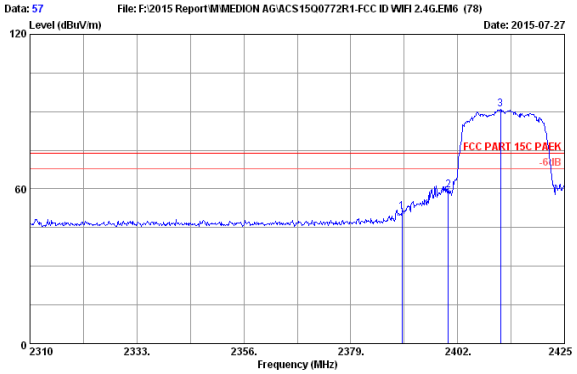
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	64.80	63.70	74.00	10.30	Peak
2	2400.000	28.25	7.32	36.62	75.93	74.88	74.00	-0.88	Peak
3	2411.200	28.27	7.35	36.62	104.64	103.64	74.00	-29.64	Peak

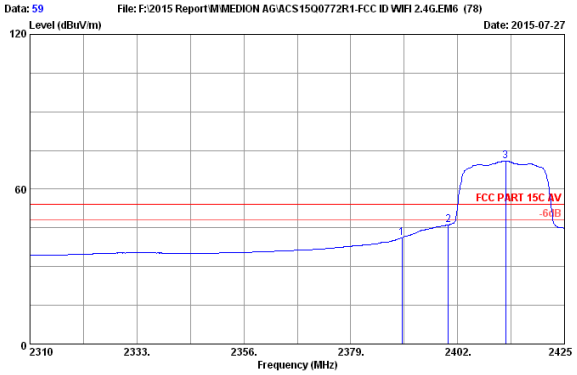
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 57
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	52.29	51.19	74.00	22.81	Peak
2	2400.000	28.25	7.32	36.62	60.49	59.44	74.00	14.56	Peak
3	2411.200	28.27	7.35	36.62	91.97	90.97	74.00	-16.97	Peak

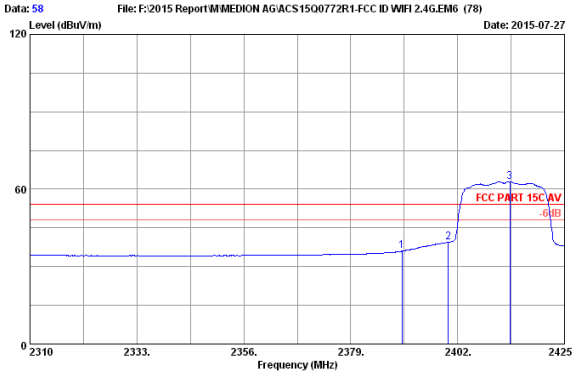
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 59
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	42.28	41.18	54.00	12.82	Average
2	2400.000	28.25	7.32	36.62	47.21	46.16	54.00	7.84	Average
3	2412.350	28.27	7.35	36.62	71.95	70.95	54.00	-16.95	Average

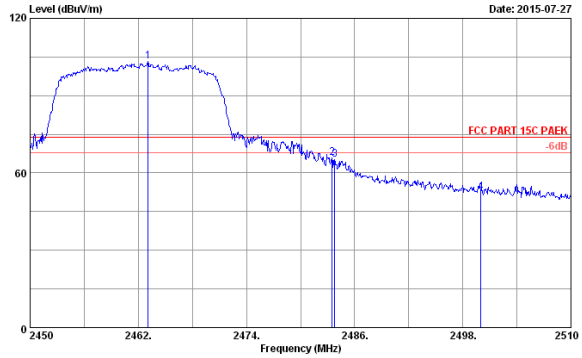
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.24	7.28	36.62	37.09	35.99	54.00	18.01	Average
2	2400.000	28.25	7.32	36.62	40.45	39.40	54.00	14.60	Average
3	2413.270	28.27	7.35	36.61	63.91	62.92	54.00	-8.92	Average

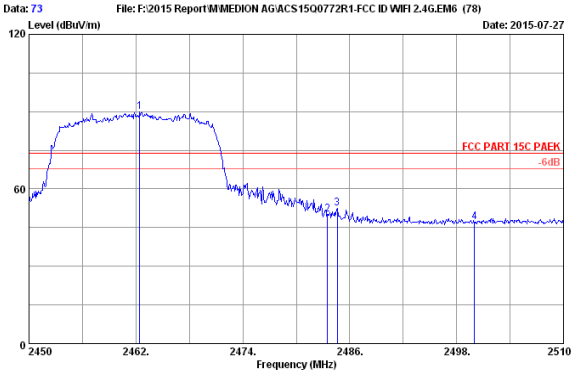
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.080	28.35	7.43	36.59	103.96	103.15	74.00	-29.15	Peak
2	2483.500	28.38	7.51	36.59	66.59	65.89	74.00	8.11	Peak
3	2483.780	28.38	7.51	36.59	65.97	65.27	74.00	8.73	Peak
4	2500.000	28.40	7.51	36.58	53.00	52.33	74.00	21.67	Peak

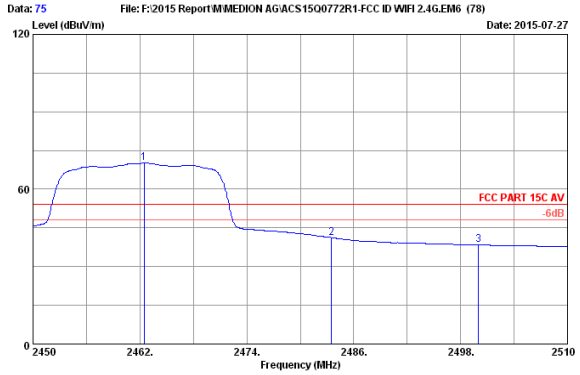
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PAEK
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.420	28.35	7.43	36.60	90.64	89.82	74.00	-15.82	Peak
2	2483.500	28.38	7.51	36.59	50.87	50.17	74.00	23.83	Peak
3	2484.620	28.38	7.51	36.59	53.21	52.51	74.00	21.49	Peak
4	2500.000	28.40	7.51	36.58	47.78	47.11	74.00	26.89	Peak

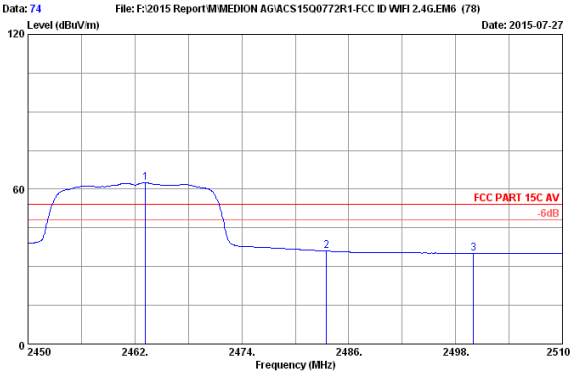
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 75
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.480	28.35	7.43	36.60	70.97	70.15	54.00	-16.15	Average
2	2483.500	28.38	7.51	36.59	41.95	41.25	54.00	12.75	Average
3	2500.000	28.40	7.51	36.58	39.04	38.37	54.00	15.63	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 2014 3115 9607-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54%
Engineer : Alice-yang
EUT : Tablet PC
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
: PT301
:

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.200	28.35	7.43	36.59	63.25	62.44	54.00	-8.44	Average
2	2483.500	28.38	7.51	36.59	36.73	36.03	54.00	17.97	Average
3	2500.000	28.40	7.51	36.58	35.86	35.19	54.00	18.81	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

7. 6dB Bandwidth Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.28, 15	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr.28, 15	1 Year

7.2. Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

7.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

7.4. Test Results

EUT：Tablet PC		
M/N：PT301		
Test date: 2015-07-21	Pressure: 101.6±1.0 kpa	Humidity: 51.7±3.0%
Tested by: Alice-yang	Test site: RF site	Temperature:22.5±0.6 ℃

Test Mode	CH	6dB bandwidth （MHz）	Limit (KHz)
11b	CH1	7.276	>500
	CH6	7.555	>500
	CH11	6.150	>500
11g	CH1	16.31	>500
	CH6	15.72	>500
	CH11	16.00	>500
11n HT20	CH1	17.32	>500
	CH6	17.26	>500
	CH11	17.57	>500
Conclusion：PASS			

Test Mode: IEEE 802.11b Test CH1: 2412MHz	Test Mode: IEEE 802.11g Test CH1: 2412MHz
	
Test CH6: 2437MHz	Test CH6: 2437MHz
	
Test CH11: 2462MHz	Test CH11: 2462MHz
	

Test Mode: IEEE 802.11n HT20 Test CH1: 2412MHz	Test CH11: 2462MHz
	
Test CH6: 2437MHz	
	

8. OUTPUT POWER TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr.28, 15	1Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr.28, 15	1Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.28, 15	1Year
5.	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr.28, 15	1Year

8.2.Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak output Power shall not exceed 1W(30dBm), As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level.

8.3.Test Procedure

1, Connected the EUT's antenna port to measure device by 26dB attenuator.

2, For IEEE 802.11b/g and IEEE802.11n HT20 modes, use a power meter which bandwidth is 20MHz, above the bandwidth of signals, to measure out output power in each mode.

3, For IEEE802.11n HT40 mode, since the signal bandwidth is nearly 40MHz, which is above 20MHz bandwidth of power sensor of ML2491A. use the test method descried in KDB558074 clause 9.2.2.
1) Set the RBW=1MHz and VBW =3MHz
2) Set the span at least 1.5 times the OBW
3) Detector = RMS
4) Sweep time = auto couple
5) allow trace to fully stabilize
6) use the spectrum amalyser's integrated band power measurement function with band limits set equal to the EBW band edges.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

8.4.Test Results

EUT: Tablet PC			
M/N: PT301			
Test date: 2015-07-21	Pressure: 101.6±1.0 kpa		Humidity: 51.7±3.0%
Tested by: Alice-yang	Test site: RF site		Temperature:22.5±0.6 ℃
Test Mode	CH	output Power（dBm）	Limit (dBm)
11b	CH1	15.02	30
	CH6	14.50	30
	CH11	14.59	30
11g	CH1	12.66	30
	CH6	12.27	30
	CH11	12.42	30
11n HT20	CH1	11.30	30
	CH6	10.89	30
	CH11	11.08	30
Conclusion：PASS			

9. POWER SPECTRAL DENSITY TEST

9.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.28, 15	1 Year
3	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr.28, 15	1 Year

9.2.Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.3.Test Procedure

1. Connected the EUT's antenna port to spectrum analyzer device by 20dB attenuator.

2. Set the test frequency as center frequency, Set RBW=3KHz,VBW=10KHz,Span large enough capture the entire frequency, Read out maximum peak level frequency

3. Set the frequency read from produce 2 as center frequency, then set the span= 300KHz, Sweep time=AUTO, Then Max hold, read out each mode and each ANT's Power density.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude

9.4.Test Results

EUT:Tablet PC		
M/N:PT301		
Test date: 2015-07-21	Pressure: 101.6±1.0 kpa	Humidity: 51.7±3.0%
Tested by: Alice-yang	Test site: RF site	Temperature:22.5±0.6 ℃

Test Mode	CH	Power density（dBm/3KHz）	Limit (dBm/3KHz)
11b	CH1	-5.800	8
	CH6	-6.648	8
	CH11	-6.614	8
11g	CH1	-9.248	8
	CH6	-10.192	8
	CH11	-9.783	8
11n HT20	CH1	-11.878	8
	CH6	-12.209	8
	CH11	-12.205	8
Conclusion：PASS			

Test Mode: IEEE 802.11b Test CH1: 2412MHz	Test Mode: IEEE 802.11g Test CH1: 2412MHz
	
Test CH6: 2437MHz	Test CH6: 2437MHz
	
Test CH11: 2462MHz	Test CH11: 2462MHz
	

Test Mode: IEEE 802.11n HT20 Test CH1: 2412MHz	Test CH11: 2462MHz
	
Test CH6: 2437MHz	
	

10. ANTENNA REQUIREMENT

10.1. STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

10.2. ANTENNA CONNECTED CONSTRUCTION

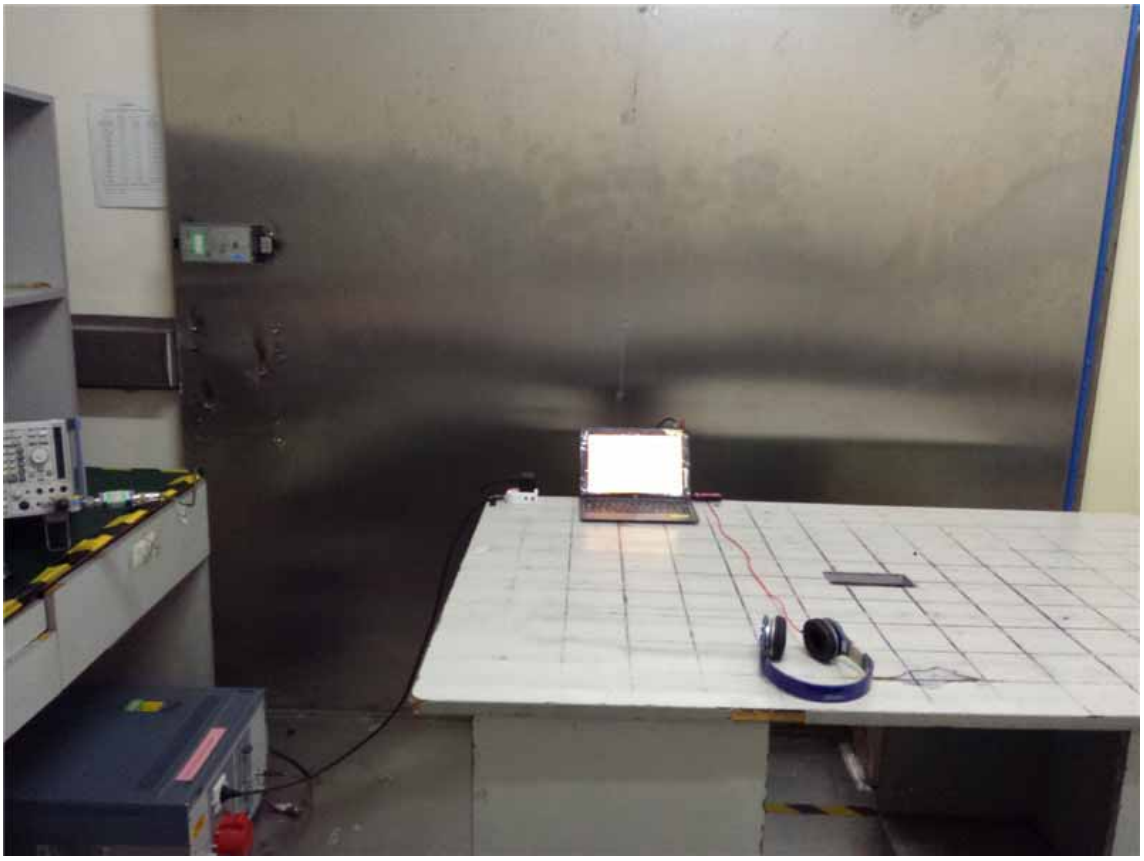
The antennas used for this product are Dipole antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 2.64dBi.

11. DEVIATION TO TEST SPECIFICATIONS

[NONE]

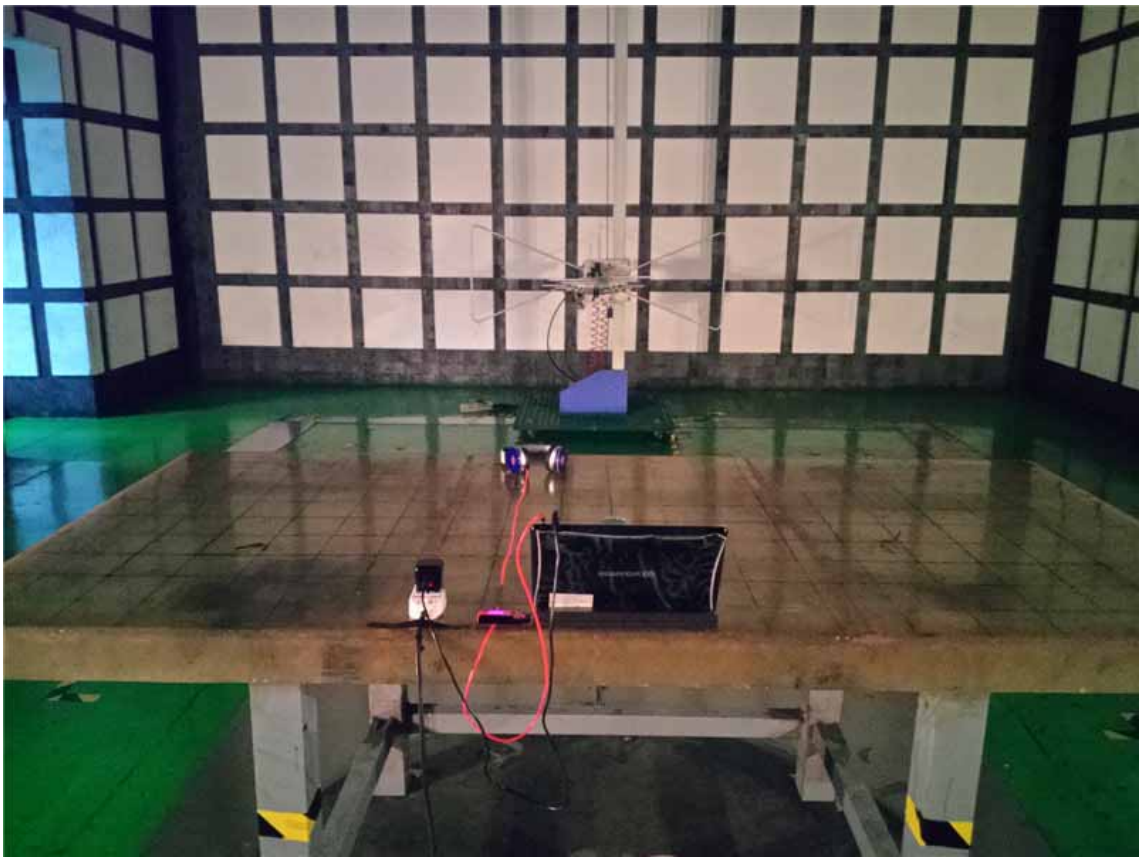
12. PHOTOGRAPH OF TEST

12.1. Photos of Power Line Conducted Emission Test

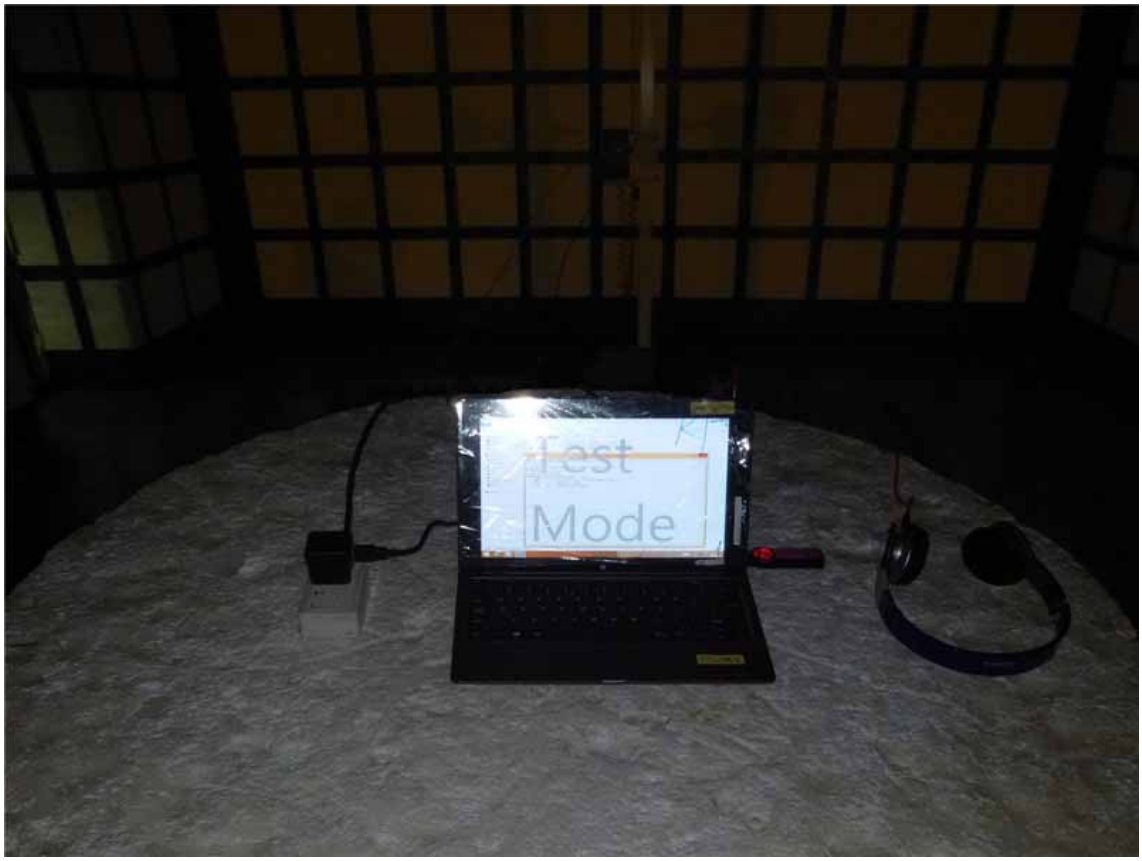


12.2.Photos of Radiated Emission Test

30-1000MHz



Above 1000MHz



13. PHOTOGRAPH OF EUT

Figure 1
General Appearance of the EUT

Figure 2
General Appearance of the EUT

Figure 3
General Appearance of the EUT

Figure 4
General Appearance of the EUT

Figure 5
General Appearance of the EUT

Figure 6
General Appearance of the EUT

Figure 7
General Appearance of the EUT

Figure 8
General Appearance of the EUT

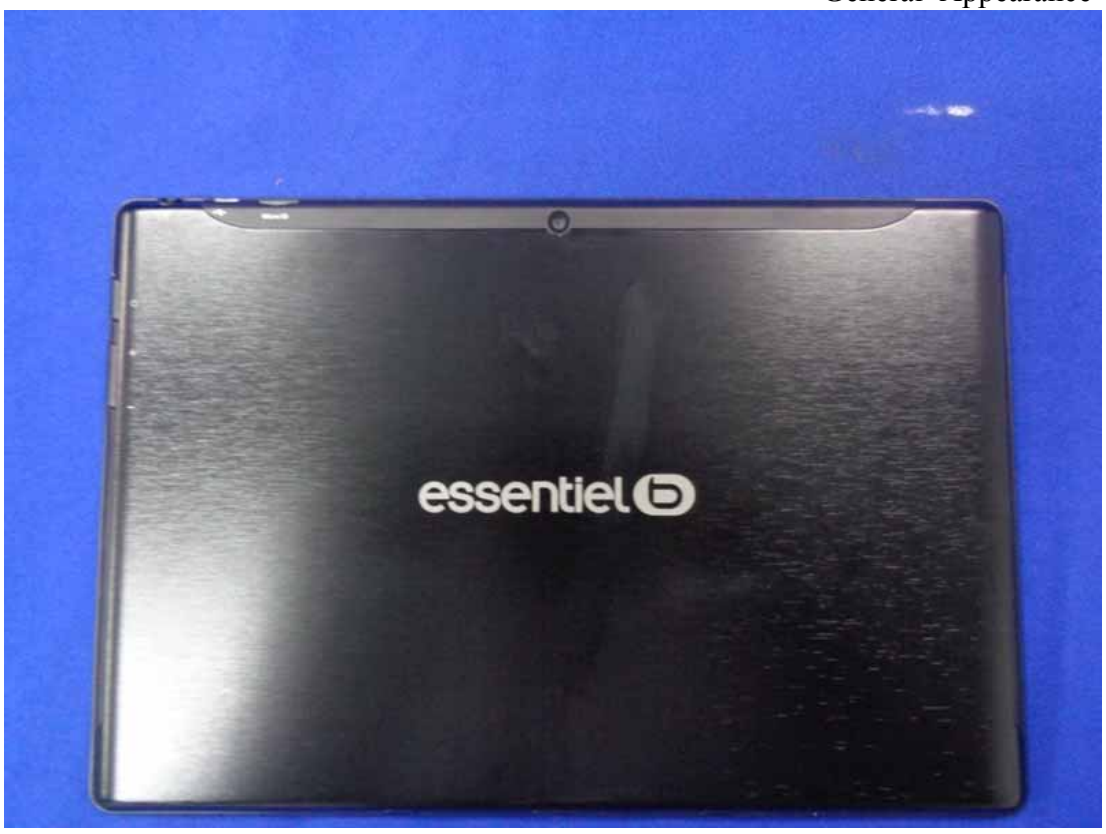


Figure 9
General Appearance of the EUT

Figure 10
General Appearance of the EUT

Figure 11
General Appearance of the EUT

Figure 12
General Appearance of the EUT

Figure 13
General Appearance of the EUT

Figure 14
General Appearance of the EUT

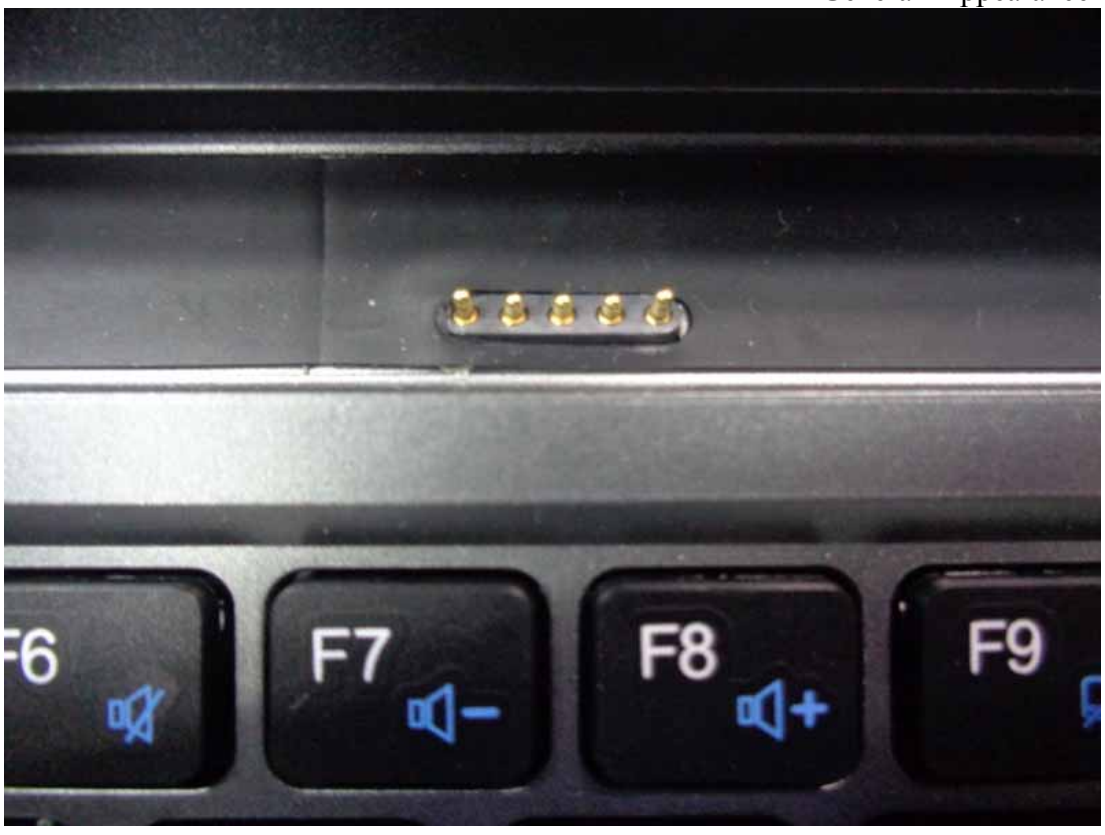


Figure 15
Inside of the EUT

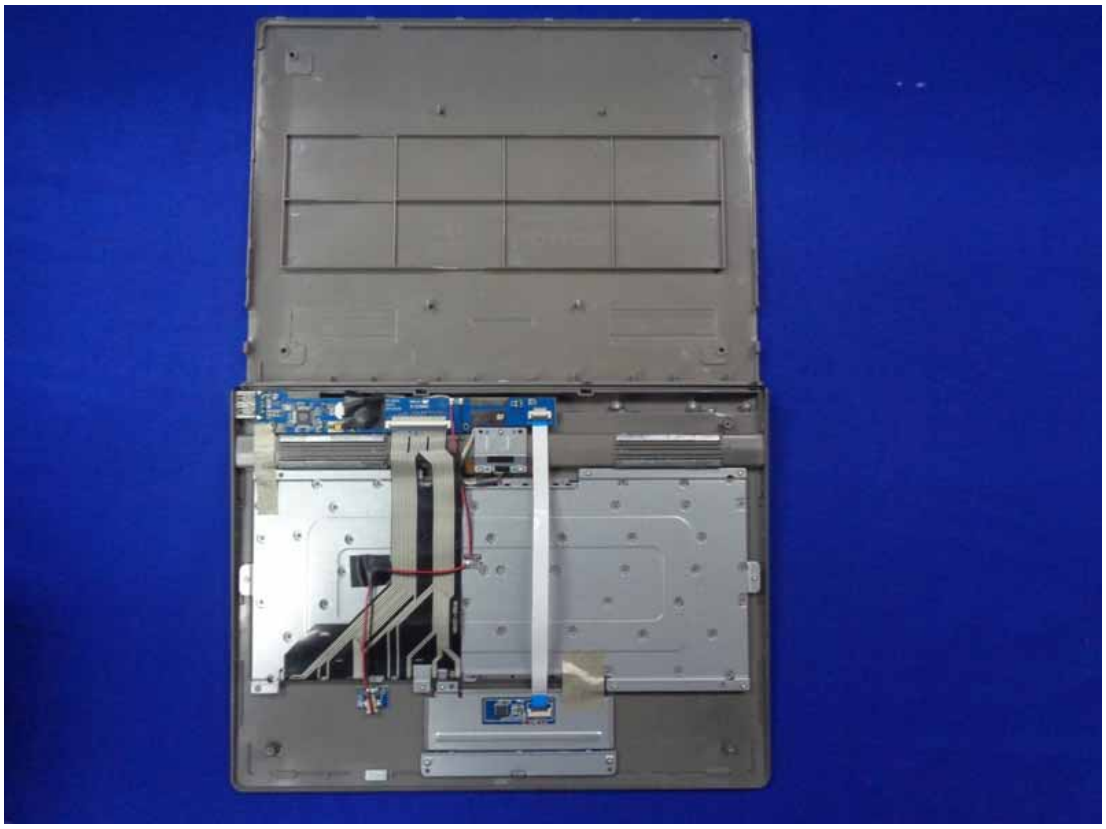


Figure 16
Inside of the EUT

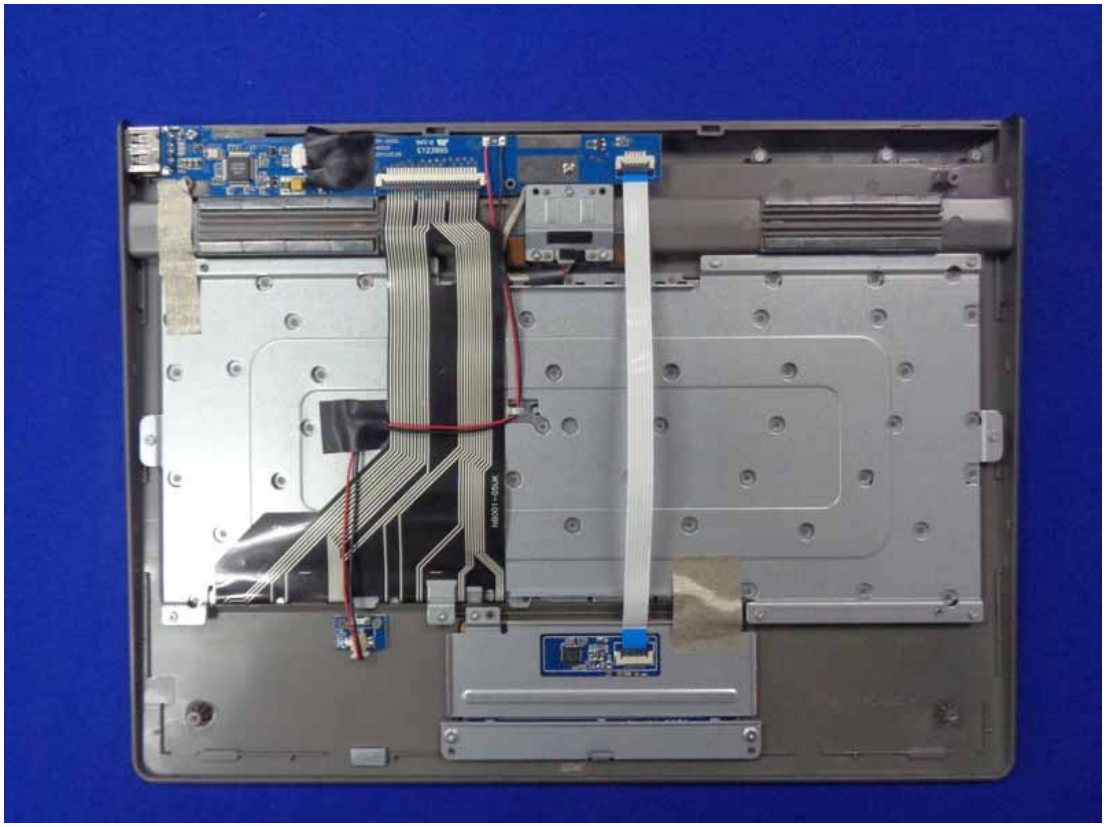


Figure 17
Inside of the EUT

Figure 18
Inside of the EUT

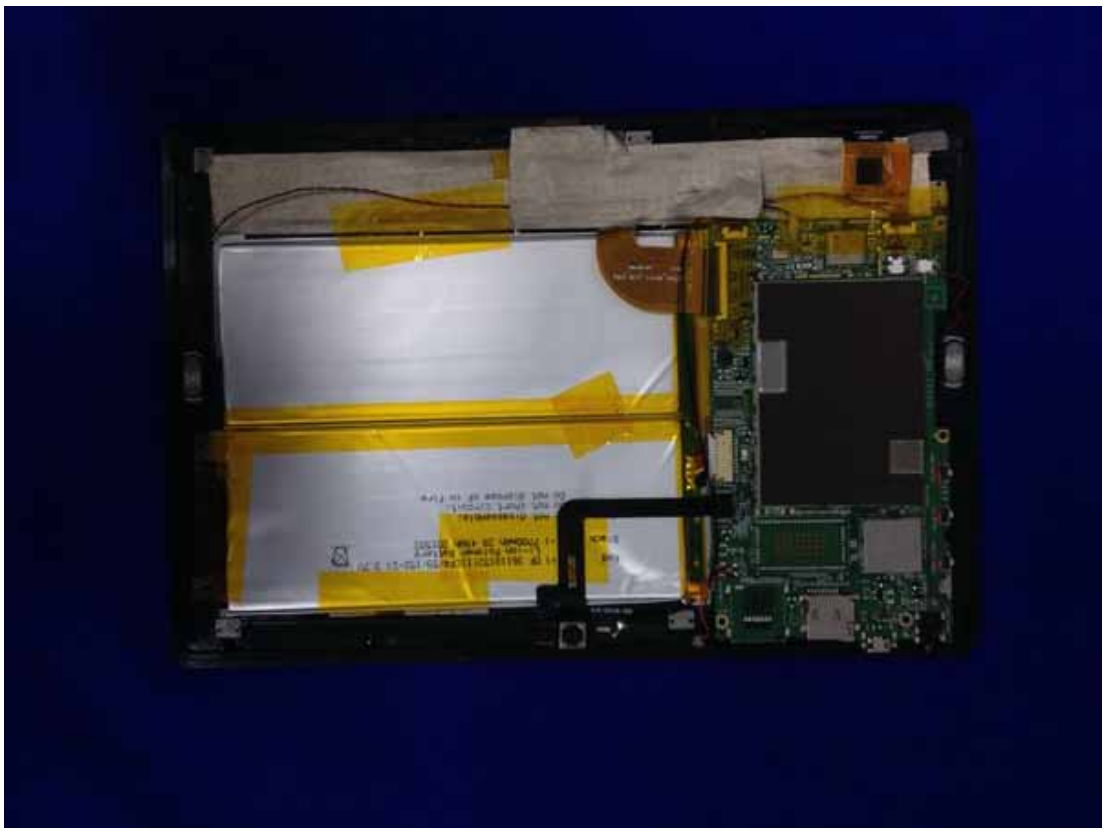


Figure 19
EUT of the Panel

Figure 20
EUT of the Panel

Figure 21
Panel of the Label

Figure 22
Component side of the PCB

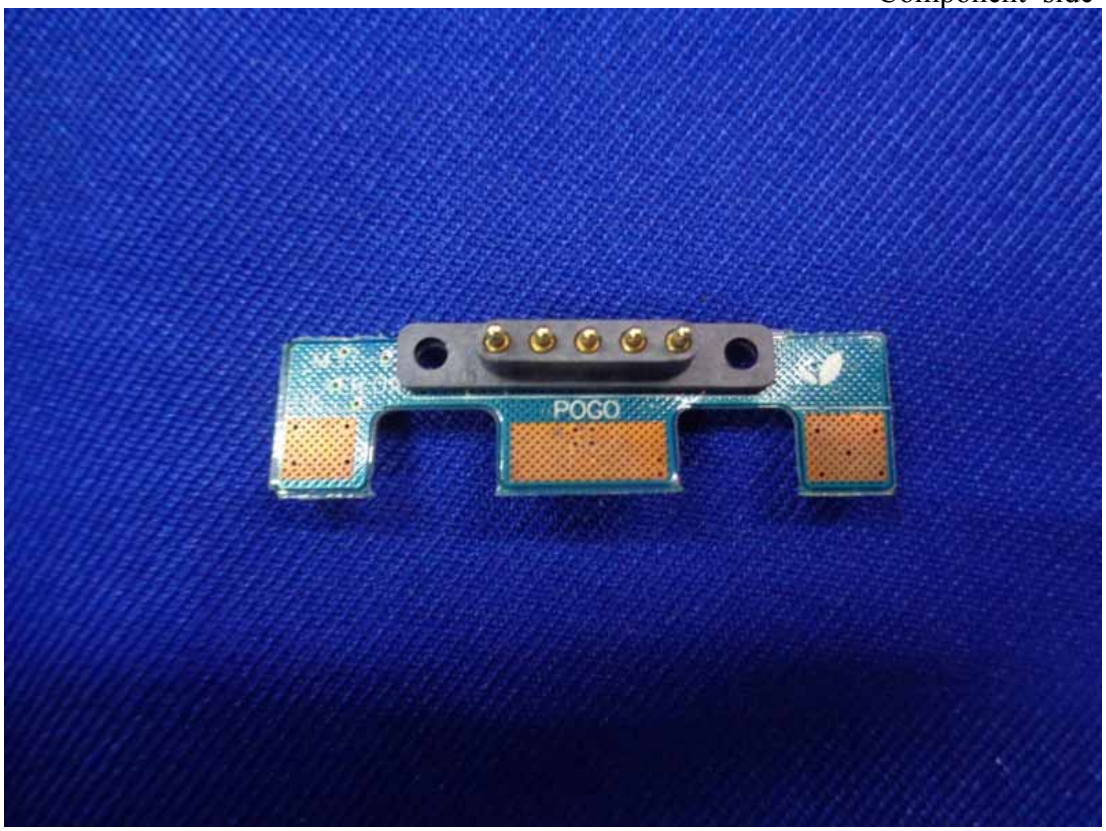


Figure 23
Component side of the PCB

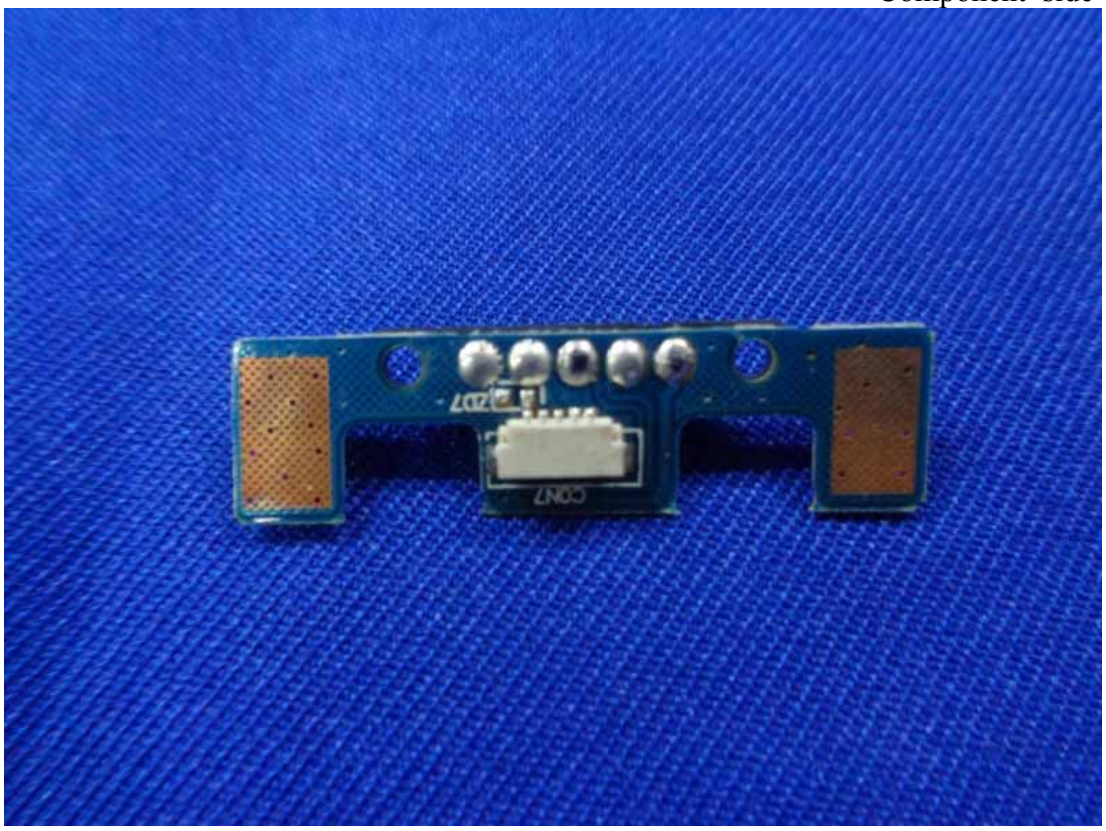


Figure 24
Component side of the PCB

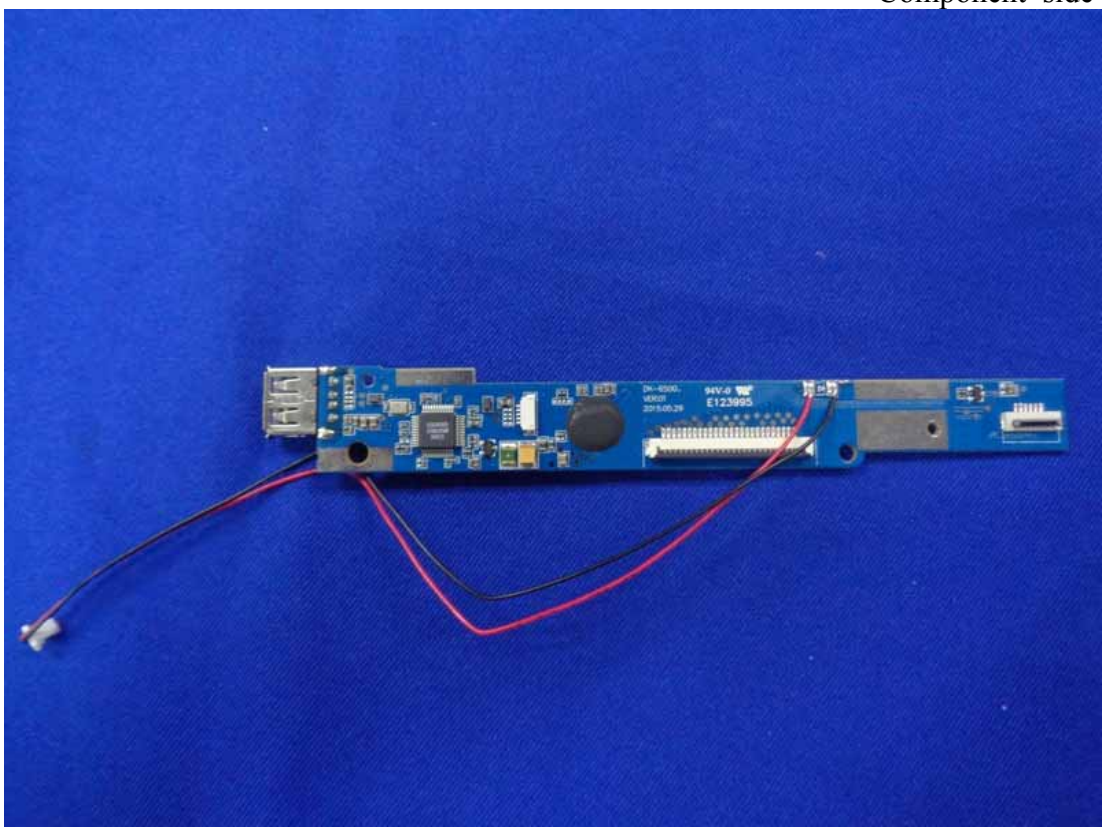


Figure 25
Component side of the PCB

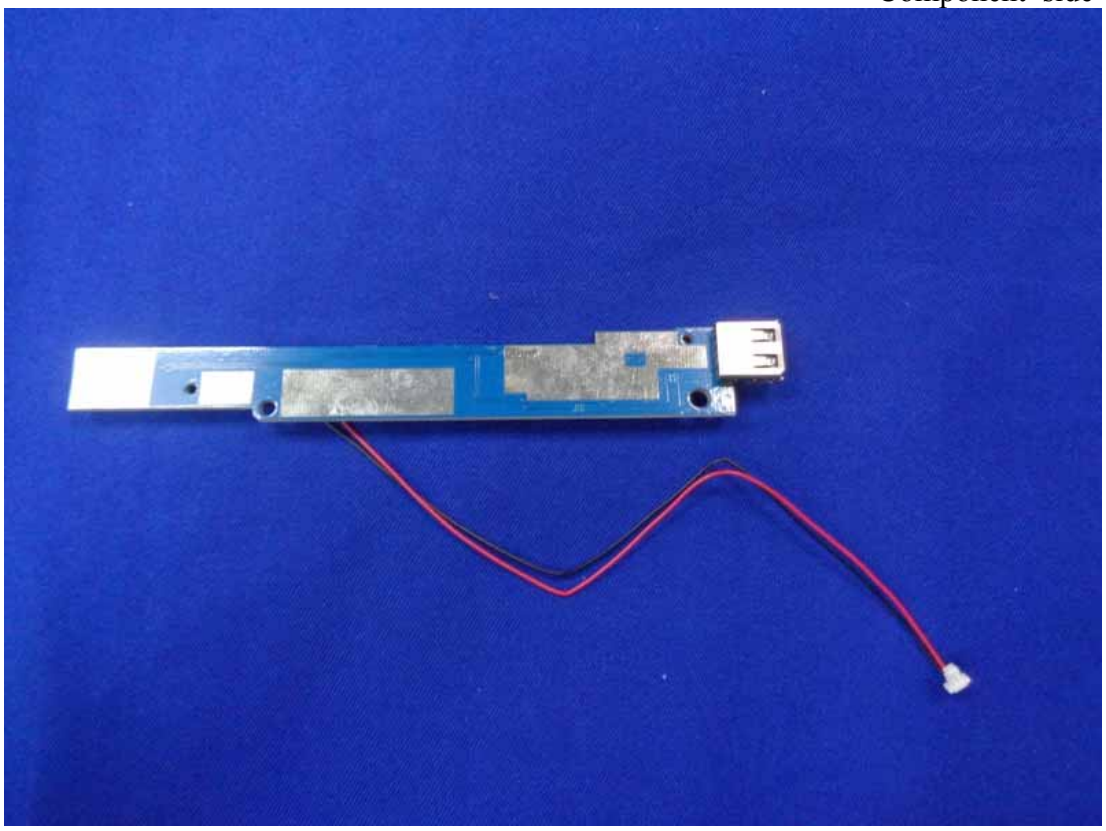


Figure 26
Component side of the PCB

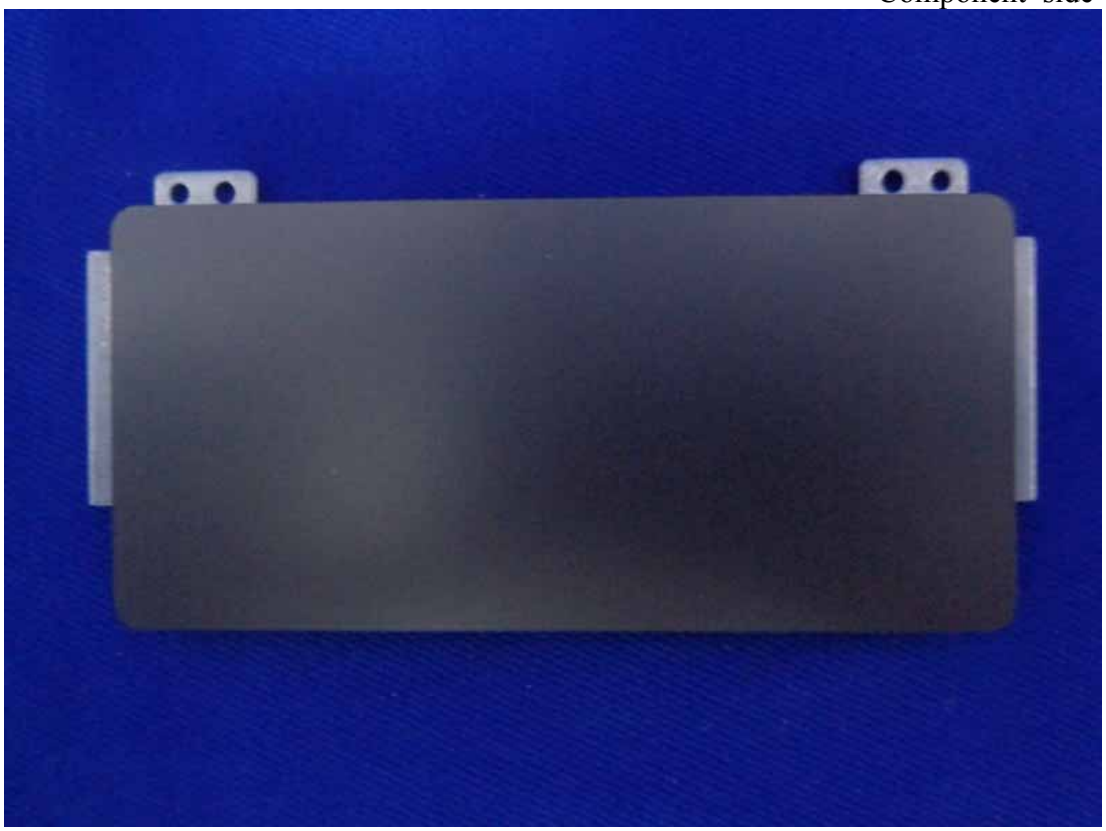


Figure 27
Component side of the PCB

Figure 28
Power Adapter #1

Figure 29
Battery

Figure 30
Battery

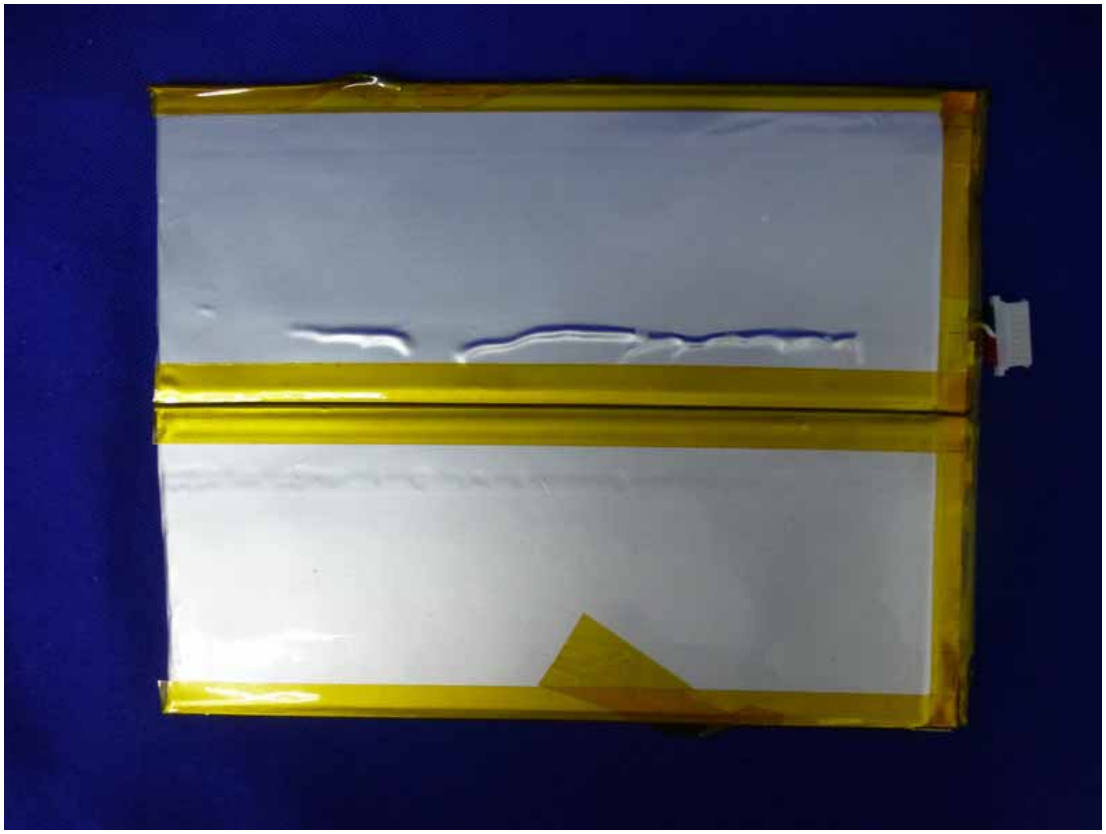


Figure 31
Battery

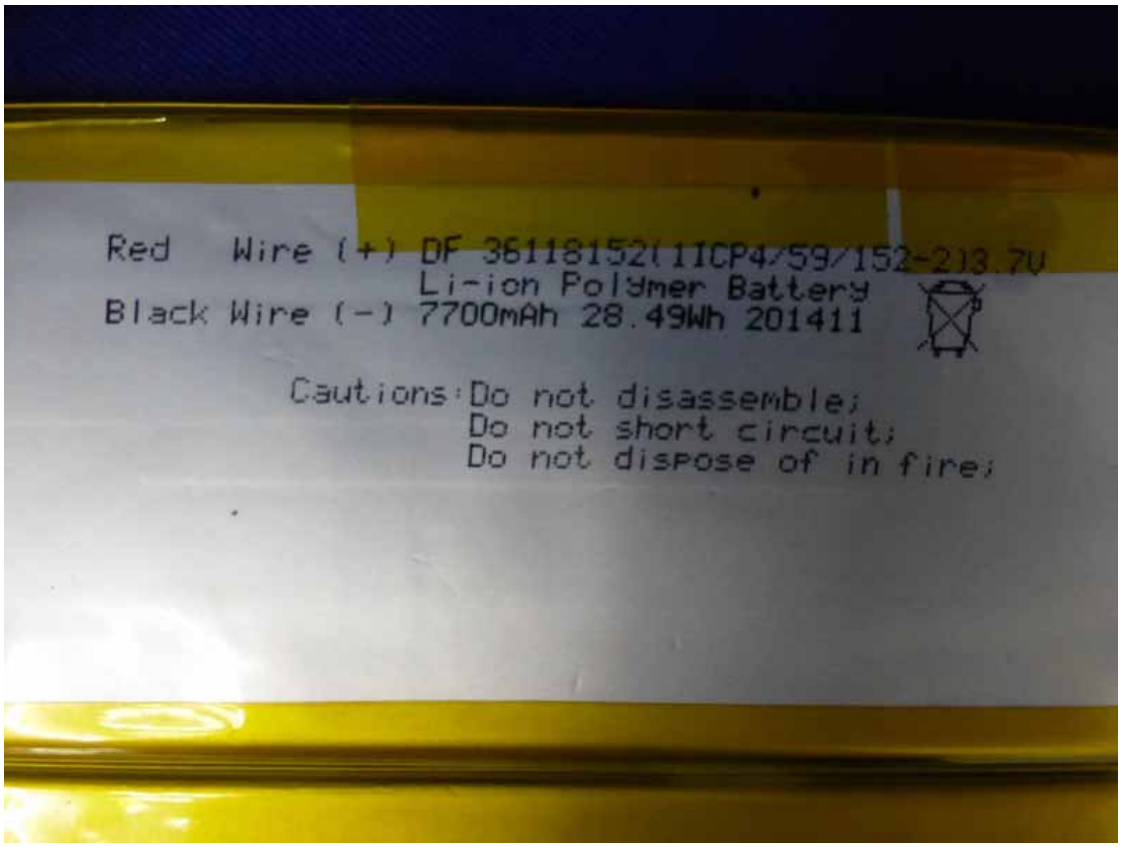


Figure 32
Speaker

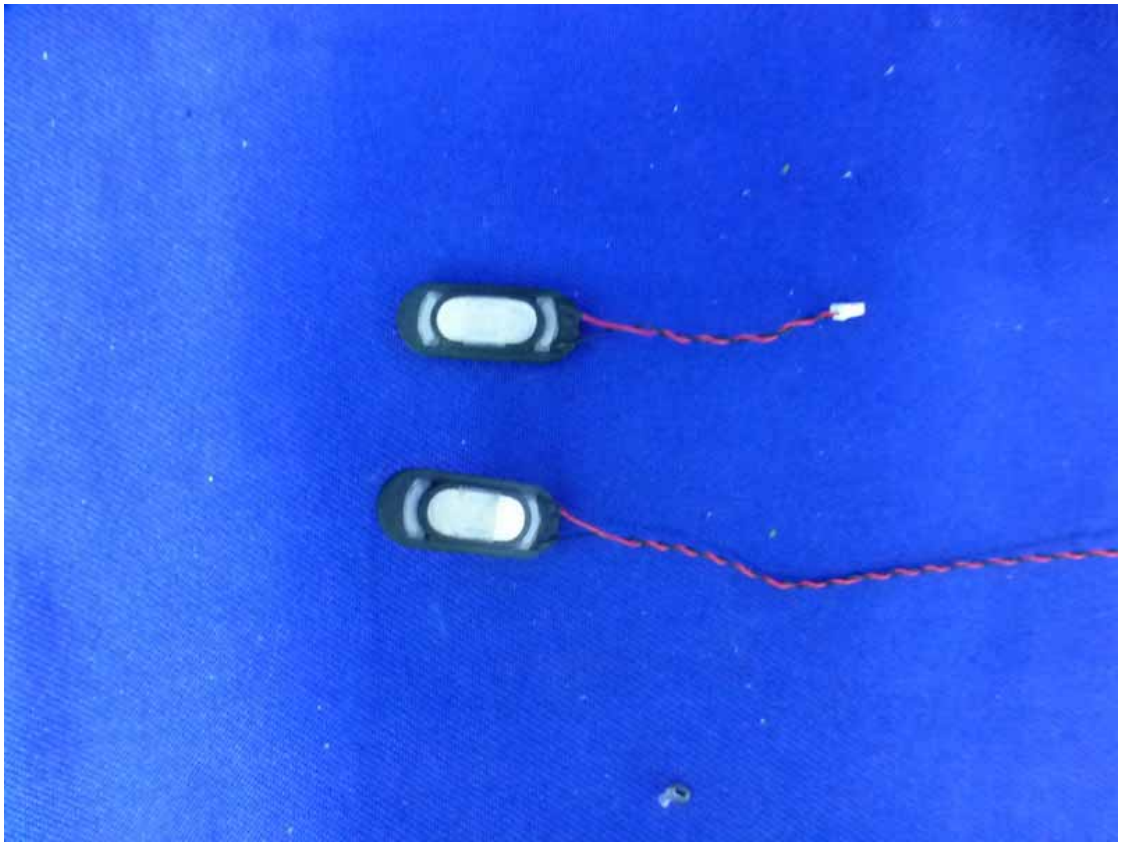


Figure 33
Power Adapter

Figure 34
Power Adapter

Figure 35
Power Adapter

Figure 36
OTG Cable

Figure 37
USB Cable