Shenzhen Certification Technology Service Co., Ltd
2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China.

TEST REPORT

FCC ID: 2AAV9-CPITP101

Applicant : **Wanxin Image Corporation**

Address : **4/5F, 518 Zhonghua Rd. Sec.4, Xiangshan Dist., Hsinchu city, Taiwan**

Equipment under Test (EUT):

Name : Tablet pc
Model : CPITP101

Standards : FCC PART 15, SUBPART C : 2011 (Section 15.247)

Report No. : STI130827161

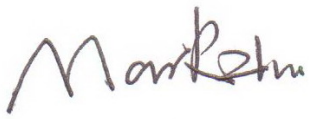
Date of Test : September 09-22, 2013

Date of Issue : September 23, 2013

Test Result :	**PASS ***

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

Authorized Signature



(Mark Zhu)
General Manager

The manufacture should ensure that all the products in series production are in conformity with the product sample detailed in this report.

If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of Shenzhen Certification Technology Service Co., Ltd. Or test done by Shenzhen Certification Technology Service Co., Ltd. Approvals in connection with, distribution or use of the product described in this report must be approved by Shenzhen Certification Technology Service Co., Ltd. Approvals in writing.

TABLE OF CONTENT

Description **Page**

1 General Information

1.1 Description of Device (EUT)

Trade Name	:	N/A
EUT	:	Tablet pc
Model No.		CPITP101
Radio Technology	:	Bluetooth 3.0, Bluetooth 4.0 WIFI: IEEE 802..11 b,g,n/HT20,n/HT40
Note	:	This report is only test the WIFI, For other transmitters is tested and reported in another radio test report.
Type of Antenna	:	For Bluetooth: Integral Antenna, Maximum Gain is 2dBi For WIFI: Integral Antenna, Maximum Gain 2dBi
Operation Frequency	:	2402MHz-2480MHz for Bluetooth, 2412MHz-2462MHz for IEEE 802.11 b,g.n/HT20, 2422MHz-2452MHz for IEEE 802.11 n/HT40 for WIFI
Channel number	:	79 for BT 3.0 40 for BT 4.0 11 for 802.11b.g.n/HT20 7 for 802.11n/HT40
Modulation type	:	For Bluetooth 3.0: GFSK, π/4 DQPSK, 8- DPSK For Bluetooth 4.0: GFSK For WIFI: IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)
Power Supply	:	DC 3.7V Supply by battery DC 5V Supply by AC 120V/60Hz adapter
Applicant	:	Wanxin Image Corporation
Address	:	4/5F, 518 Zhonghua Rd. Sec.4, Xiangshan Dist., Hsinchu city, Taiwan
Manufacturer	:	Wanxin Image Corporation
Address	:	4/5F, 518 Zhonghua Rd. Sec.4, Xiangshan Dist., Hsinchu city, Taiwan

1.2 Description of Test Facility

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
FCC Registered No.:197647

2 EMC Equipment List

Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
3m Semi-Anechoic	ETS-LINDGREN	N/A	SEL0017	Nov. 16, 12	1Year
Spectrum analyzer	Agilent	E4443A	MY46185649	Oct. 31, 12	1Year
Receiver	R&S	ESCI	100492	Oct. 31, 12	1Year
Receiver	R&S	ESCI	101202	Oct. 31, 12	1Year
Bilog Antenna	Sunol	JB3	A121206	Feb.20, 13	1Year
Horn Antenna	EMCO	3115	640201028-06	Feb.20, 13	1Year
ETS Horn Antenna	ETS	3160	SEL0076	Feb.20, 13	1Year
Active Loop Antenna	Beijing Daze	ZN30900A	SEL0097	Oct. 31, 12	1Year
Cable	Resenberger	N/A	No.1	Oct. 31, 12	1Year
Cable	SCHWARZBECK	N/A	No.2	Oct. 31, 12	1Year
Cable	SCHWARZBECK	N/A	No.3	Oct. 31, 12	1Year
Pre-amplifier	R&S	AFS42-00101 800-25-S-42	SEL0081	Oct. 31, 12	1Year
Pre-amplifier	R&S	AFS33-1800265 0-30-8P-44	SEL0080	Oct. 31, 12	1Year

3 Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a 50 u H LISN. Both Lines were observed. The bandwidth of the receiver was 10kHz with an appropriate sweep speed. The ambient temperature of the EUT was 25℃ with a humidity of 58%.

RADIATION INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a ANRITSU spectrum analyzer with a pre-selector. The analyzer was calibrated in dB above a micro volt at the output of the antenna. The resolution bandwidth was 100kHz and the video bandwidth was 300 kHz up to 1 GHz and 1 MHz with a video BW of 3MHz above 1 GHz. The ambient temperature of the EUT was 25℃ with a humidity of 58%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer and cable loss. The antenna correction factors and cable loss are stated in terms of dB. The gain of the Pre-selector was accounted for in the Spectrum Analyzer Meter Reading.
Example:
Freq (MHz) METER READING + ACF + CABLE = FS
33.20 dBuV + 10.36 dB + 0.9 dB= 44.46 dBuV/m @ 3m
ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The EUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation. When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes. The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSI Standard C63.4-2003 10.1.7 with the EUT 40 cm from the vertical ground wall.

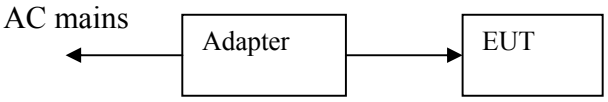
4 Summary of Measurement

4.1 Summary of test result

Test Item	Test Requirement	Standards Paragraph	Result
Spurious Emission	FCC PART 15 : 2011	Section 15.247&15.209	Compliance
Conduction Emission	FCC PART 15: 2011	Section 15.207	Compliance
6dB Bandwidth Test	FCC PART 15: 2011	Section 15.247	Compliance
Peak Power	FCC PART 15: 2011	Section 15.247	Compliance
Power Density	FCC PART 15: 2011	Section 15.247	Compliance
Band Edge	FCC PART 15: 2011	Section 15.247	Compliance
Antenna Requirement	FCC PART 15 : 2011	Section 15.203	Compliance

Note: The EUT has been tested as an independent unit. And Continual Transmitting in maximum power (The Notebook be used during Test)

4.2 Test connection



4.3 Assistant equipment used for test

Description	:	AC ADAPTER
Manufacturer	:	N/A
Model No.	:	JY-05200

4.4 Test mode

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	6.5	Low :CH1	2412
	6.5	Middle: CH6	2437
	6.5	High: CH11	2462
IEEE 802.11n/HT40	13.5	Low :CH3	2422
	13.5	Middle:CH6	2437
	13.5	High:CH9	2452
Note: According exploratory test, EUT will have maximum output power in those data rate. so those data rate were used for all test.			

5 Spurious Emission

5.1 Radiation Emission

5.1.1 Radiation Emission Limits(15.209)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

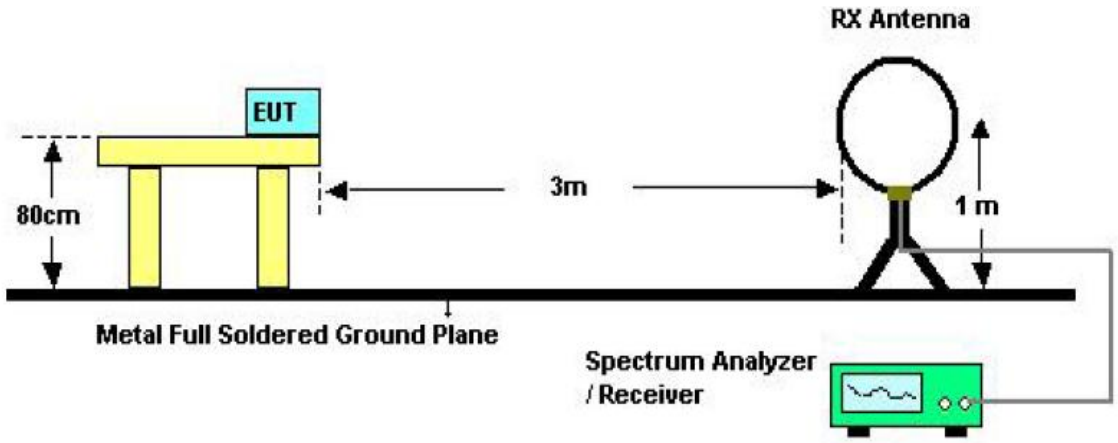
Harmonic emissions limits comply with below 54 dBuV/m at 3m. Other emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or comply with the radiated emissions limits specified in section 15.209(a) limit in the table below has to be followed.

NOTE:

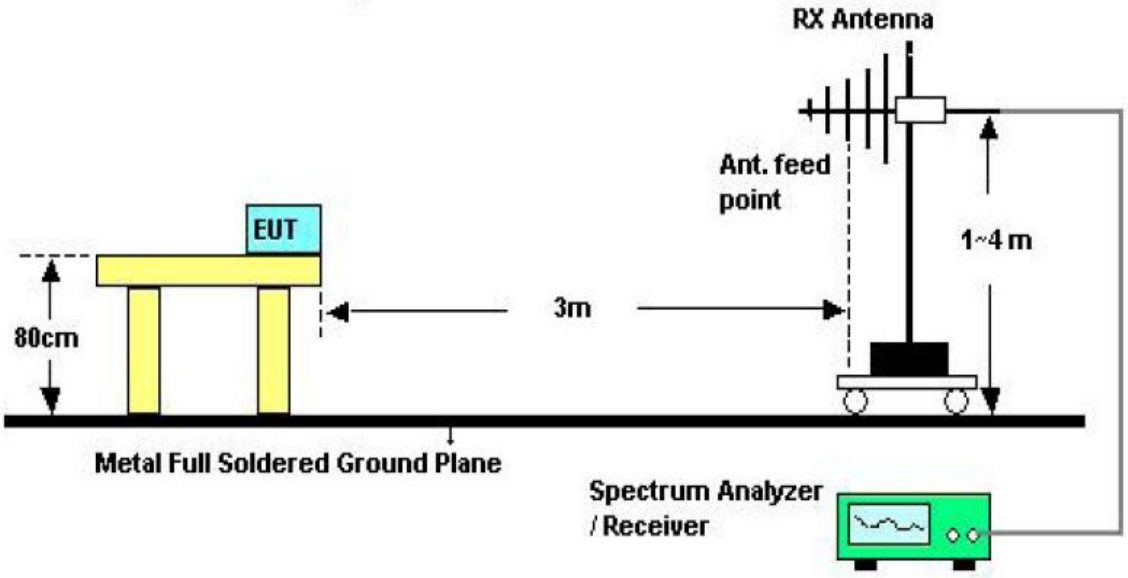
a) The tighter limit applies at the band edges.
b) Emission Level(dB uV/m)=20log Emission Level(Uv/m)

5.1.2 Test Setup

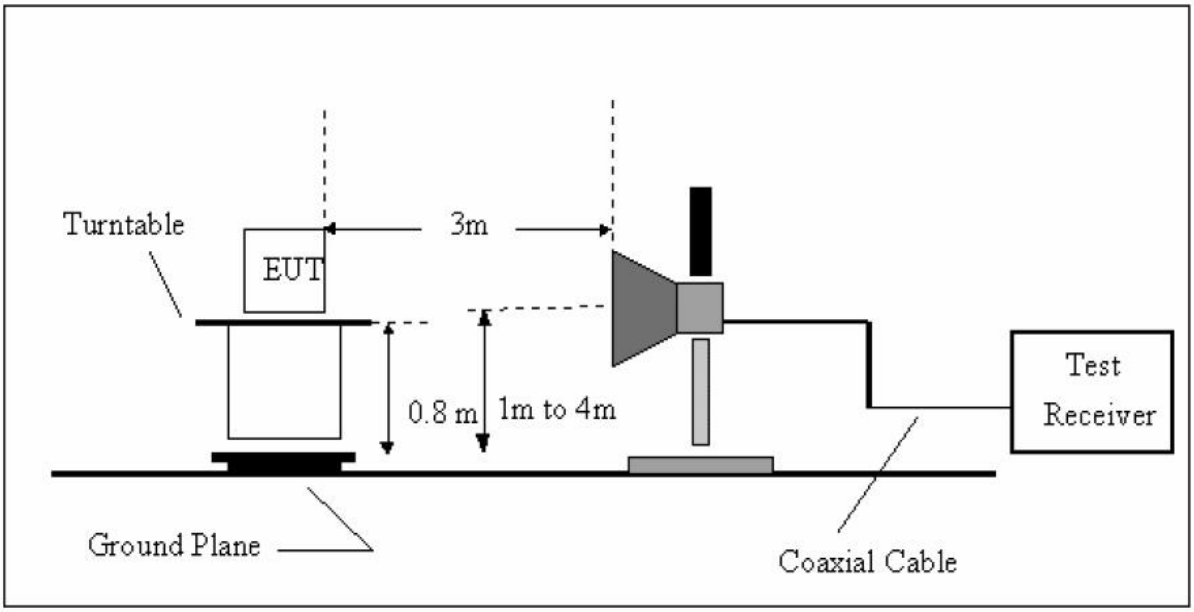
See the next page



Below 30MHz Test Setup



Above 30MHz Test Setup



Above 1GHz Test Setup

5.1.3 Test Procedure

a) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1GHz, The EUT was placed on a rotating 0.8 m high above ground, The table was rotated 360 degrees to determine the position of the highest radiation
b) The Test antenna shall vary between 1m and 4m,Both Horizontal and Vertical antenna are set of make measurement.
c) The initial step in collecting conducted emission data is a spectrum analyzer Peak detector mode pre-scanning the measurement frequency range. Significant Peaks are then marked. and then Qusia Peak Detector mode premeasured
d) If Peak value comply with QP limit Below 1GHz.The EUT deemed to comply with QP limit. But the Peak value and average value both need to comply with applicable limit above 1GHz.
e) For the actual test configuration, please see the test setup photo.

5.1.4 Test Equipment Setting For emission test Result

9KHz~150KHz	RBW 200Hz	VBW1KHz
150KHz~30MHz	RBW 9KHz	VBW 30KHz
30MHZ~1GHz	RBW 120KHz	VBW 300KHz
Above 1GHz	RBW 1MHz	VBW 3MHz

5.1.5 Test Condition

Continual Transmitting in maximum power.

5.1.6 Test Result

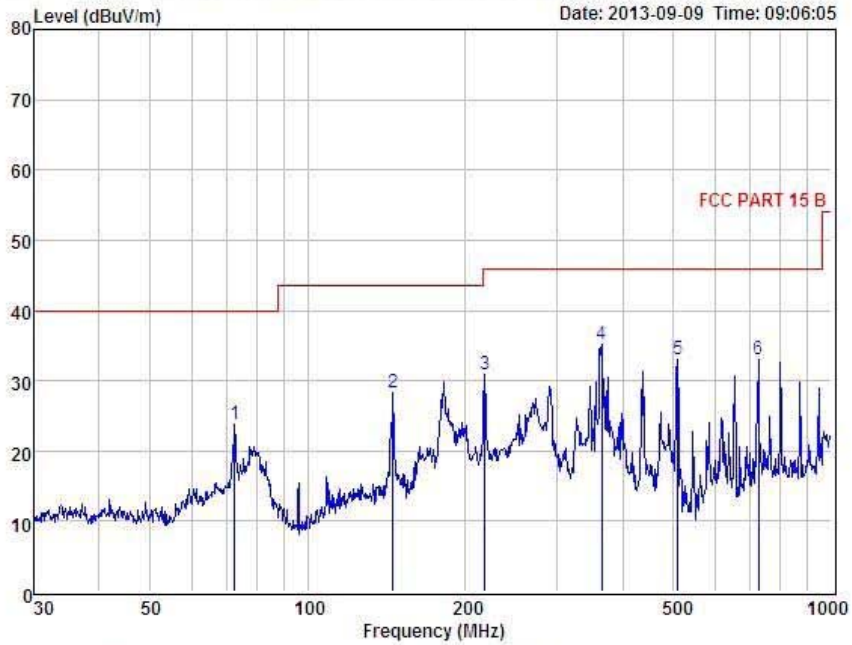
We have scanned the 10th harmonic from 9KHz to the EUT.

Detailed information please see the following page.

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

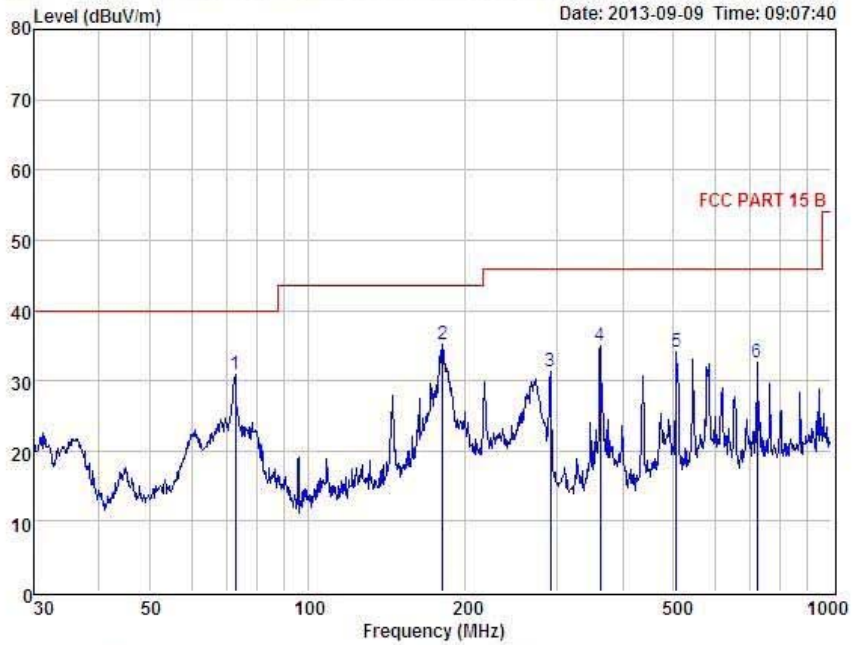


Condition : FCC PART 15 B 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : Charging
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Store
Remark :
Temp : 24.2℃
Hum : 54%

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	72.59	40.13	10.21	26.77	0.21	23.78	40.00	-16.22	QP
2	145.35	40.97	13.77	26.90	0.44	28.28	43.50	-15.22	QP
3	218.31	46.78	10.53	27.06	0.63	30.88	46.00	-15.12	QP
4	364.26	47.73	14.12	27.31	0.70	35.24	46.00	-10.76	QP
5	510.04	43.27	16.68	27.64	0.68	32.99	46.00	-13.01	QP
6	726.81	39.38	19.99	27.72	1.42	33.07	46.00	-12.93	QP

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



Condition : FCC PART 15 B 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : Charging
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Store
Remark :
Temp : 24.2℃
Hum : 54%

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	72.85	47.18	10.21	26.77	0.21	30.83	40.00	-9.17	QP
2	181.28	50.00	11.68	26.93	0.51	35.26	43.50	-8.24	QP
3	291.04	45.24	12.62	27.17	0.61	31.30	46.00	-14.70	QP
4	361.71	47.30	14.07	27.31	0.86	34.92	46.00	-11.08	QP
5	506.48	44.27	16.65	27.64	0.88	34.16	46.00	-11.84	QP
6	721.73	39.23	19.92	27.73	1.26	32.68	46.00	-13.32	QP

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

IEEE 802.11b

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1147	V	55.37	---	-11.24	44.13	---	74.00	54.00	-9.87	Peak
1712	V	52.19	---	-9.53	42.66	---	74.00	54.00	-11.34	Peak
2253	V	47.86	---	-8.07	39.79	---	74.00	54.00	-14.21	Peak
4824	V	40.48	---	0.64	41.12	---	74.00	54.00	-12.88	Peak
N/A										

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1273	H	52.62	---	-10.96	41.66	---	74.00	54.00	-12.34	Peak
1904	H	52.41	---	-8.86	43.55	---	74.00	54.00	-10.45	Peak
2948	H	45.22	---	-5.95	39.27	---	74.00	54.00	-14.73	Peak
4824	H	43.50	---	0.64	44.14	---	74.00	54.00	-9.86	Peak
N/A										

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1256	V	55.50	---	-10.96	44.54	---	74.00	54.00	-9.46	Peak
2015	V	49.31	---	-8.58	40.73	---	74.00	54.00	-13.27	Peak
2989	V	44.67	---	-5.86	38.81	---	74.00	54.00	-15.19	Peak
4874	V	41.42	---	0.76	42.18	---	74.00	54.00	- 11.82	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1217	H	53.57	---	-11.52	42.05	---	74.00	54.00	-11.95	Peak
1966	H	48.72	---	-8.64	40.08	---	74.00	54.00	-13.92	Peak
3479	H	48.83	---	-4.95	43.88	---	74.00	54.00	-10.12	Peak
4874	H	38.71	---	0.76	39.47	---	74.00	54.00	-14.53	Peak

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1365	V	54.46	---	-10.43	44.03	---	74.00	54.00	-9.97	Peak
2259	V	48.51	---	-8.07	40.44	---	74.00	54.00	-13.56	Peak
3144	V	47.91	---	-5.63	42.28	---	74.00	54.00	-11.72	Peak
4924	V	38.90	---	0.87	39.77	---	74.00	54.00	-14.23	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1321	H	51.69	---	-10.84	40.85	---	74.00	54.00	-13.15	Peak
2399	H	51.70	---	-7.59	44.11	---	74.00	54.00	-9.89	Peak
3725	H	45.63	---	-4.24	41.39	---	74.00	54.00	-12.61	Peak
4924	H	42.84	---	0.87	43.71	---	74.00	54.00	-10.29	Peak

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

IEEE 802.11 g:

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1127	V	54.66	---	-11.24	43.42	---	74.00	54.00	-10.58	Peak
2562	V	48.90	---	-7.13	41.77	---	74.00	54.00	-12.23	Peak
3098	V	45.62	---	-5.74	39.88	---	74.00	54.00	-14.12	Peak
4824	V	41.57	---	0.64	42.21	---	74.00	54.00	-11.79	Peak
N/A										

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1264	H	53.37	---	-10.96	42.41	---	74.00	54.00	-11.59	Peak
2011	H	48.21	---	-8.58	39.63	---	74.00	54.00	-14.37	Peak
3459	H	48.98	---	-4.95	44.03	---	74.00	54.00	-9.97	Peak
4824	H	42.70	---	0.64	43.34	---	74.00	54.00	-10.66	Peak
N/A										

Notes: AV Means AV detector test data,Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1352	V	52.30	---	-10.43	41.87	---	74.00	54.00	-12.13	Peak
2577	V	45.86	---	-7.13	38.73	---	74.00	54.00	-15.27	Peak
3383	V	49.35	---	-5.18	44.17	---	74.00	54.00	-9.83	Peak
4874	V	41.35	---	0.76	42.11	---	74.00	54.00	-11.89	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1307	H	53.42	---	-10.84	42.58	---	74.00	54.00	-11.42	Peak
2348	H	46.50	---	-7.46	39.04	---	74.00	54.00	-14.96	Peak
3586	H	48.55	---	-4.76	43.79	---	74.00	54.00	-10.21	Peak
4874	H	36.01	---	0.76	36.77	---	74.00	54.00	-17.23	Peak

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1341	V	53.60	---	-10.84	42.76	---	74.00	54.00	-11.24	Peak
2952	V	44.75	---	-5.86	38.89	---	74.00	54.00	-15.11	Peak
3802	V	47.23	---	-3.96	43.27	---	74.00	54.00	-10.73	Peak
4924	V	40.68	---	0.87	41.55	---	74.00	54.00	-12.45	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1421	H	54.17	---	-10.29	43.88	---	74.00	54.00	-10.12	Peak
2519	H	46.63	---	-7.26	39.37	---	74.00	54.00	-14.63	Peak
3857	H	44.06	---	-3.84	40.22	---	74.00	54.00	-13.78	Peak
4924	H	43.24	---	0.87	44.11	---	74.00	54.00	-9.89	Peak

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

IEEE 802.11n/HT20

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1325	V	54.81	---	-10.84	43.97	---	74.00	54.00	-10.03	Peak
2852	V	46.02	---	-5.87	40.15	---	74.00	54.00	-13.85	Peak
3910	V	45.94	---	-3.68	42.26	---	74.00	54.00	-11.74	Peak
4824	V	37.74	---	0.64	38.38	---	74.00	54.00	-15.62	Peak
N/A										

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1388	H	53.21	---	-10.43	42.78	---	74.00	54.00	-11.22	Peak
2913	H	45.79	---	-5.95	39.84	---	74.00	54.00	-14.16	Peak
3638	H	45.68	---	-4.52	41.16	---	74.00	54.00	-12.84	Peak
4824	H	43.83	---	0.64	44.47	---	74.00	54.00	-9.53	Peak
N/A										

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1295	V	55.13	---	-10.96	44.17	---	74.00	54.00	-9.83	Peak
2529	V	48.85	---	-7.26	41.59	---	74.00	54.00	-12.41	Peak
3763	V	44.89	---	-4.07	40.82	---	74.00	54.00	-13.18	Peak
4874	V	42.70	---	0.76	43.46	---	74.00	54.00	-10.54	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1523	H	52.67	---	-10.14	42.53	---	74.00	54.00	-11.47	Peak
2812	H	45.14	---	-6.17	38.97	---	74.00	54.00	-15.03	Peak
3281	H	45.51	---	-5.39	40.12	---	74.00	54.00	-13.88	Peak
4874	H	44.02	---	0.76	44.78	---	74.00	54.00	-9.22	Peak

Notes: AV Means AV detector test data,Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1413	V	51.00	---	-10.29	40.71	---	74.00	54.00	-13.29	Peak
2749	V	48.80	---	-6.43	42.37	---	74.00	54.00	-11.63	Peak
3588	V	49.05	---	-4.76	44.29	---	74.00	54.00	-9.71	Peak
4924	V	40.54	---	0.87	41.41	---	74.00	54.00	-12.59	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1423	H	50.18	---	-10.29	39.89	---	74.00	54.00	-14.11	Peak
3588	H	47.38	---	-4.76	42.62	---	74.00	54.00	-11.38	Peak
4153	H	43.29	---	-2.48	40.81	---	74.00	54.00	-13.19	Peak
4924	H	43.51	---	0.87	44.38	---	74.00	54.00	-9.62	Peak

Notes: AV Means AV detector test data,Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

IEEE 802.11n/HT40

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1394	V	52.28	---	-10.43	41.85	---	74.00	54.00	-12.15	Peak
2642	V	50.75	---	-7.04	43.71	---	74.00	54.00	-10.29	Peak
3692	V	43.91	---	-4.38	39.53	---	74.00	54.00	-14.47	Peak
4844	V	39.70	---	0.64	40.34	---	74.00	54.00	-13.66	Peak
N/A										

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Low		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1432	H	53.46	---	-10.29	43.17	---	74.00	54.00	-10.83	Peak
2577	H	48.54	---	-7.13	41.41	---	74.00	54.00	-12.59	Peak
3421	H	43.96	---	-5.09	38.87	---	74.00	54.00	-15.13	Peak
4844	H	40.32	---	0.64	40.96	---	74.00	54.00	-13.04	Peak
N/A										

Notes: AV Means AV detector test data,Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1522	V	49.41	---	-10.14	39.27	---	74.00	54.00	-14.73	Peak
2811	V	47.69	---	-6.17	41.52	---	74.00	54.00	-12.48	Peak
3345	V	50.35	---	-5.31	45.04	---	74.00	54.00	-8.96	Peak
4874	V	39.47	---	0.76	40.23	---	74.00	54.00	-13.77	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX Mid		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1493	H	53.39	---	-10.27	43.12	---	74.00	54.00	-10.88	Peak
2719	H	46.97	---	-6.43	40.54	---	74.00	54.00	-13.46	Peak
3210	H	43.41	---	-5.48	37.93	---	74.00	54.00	-16.07	Peak
4874	H	41.95	---	0.76	42.71	---	74.00	54.00	-11.29	Peak

Notes: AV Means AV detector test data,Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1394	V	54.11	---	-10.43	43.68	---	74.00	54.00	-10.32	Peak
2581	V	46.85	---	-7.13	39.72	---	74.00	54.00	-14.28	Peak
3802	V	45.80	---	-3.96	41.84	---	74.00	54.00	-12.16	Peak
4904	V	41.70	---	0.87	42.57	---	74.00	54.00	-11.43	Peak

EUT	Tablet pc	Model Name	CPITP101
Temperature	26°C	Relative Humidity	56%
Pressure	960hPa	Test voltage	DC 5V From adapter
Test Mode	TX High		

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Remark
					Peak (dBuV/m)	AV (dBuV/m)				
1471	H	51.15	---	-10.27	40.88	---	74.00	54.00	-13.12	Peak
2624	H	45.36	---	-7.04	38.32	---	74.00	54.00	-15.68	Peak
3718	H	46.07	---	-4.24	41.83	---	74.00	54.00	-12.17	Peak
4904	H	43.21	---	0.87	44.08	---	74.00	54.00	-9.92	Peak

Notes: AV Means AV detector test data, Peak Means Peak detector test data.
Emissions attenuated more than 20 dB below the permissible value are not reported.

6 POWER LINE CONDUCTED EMISSION

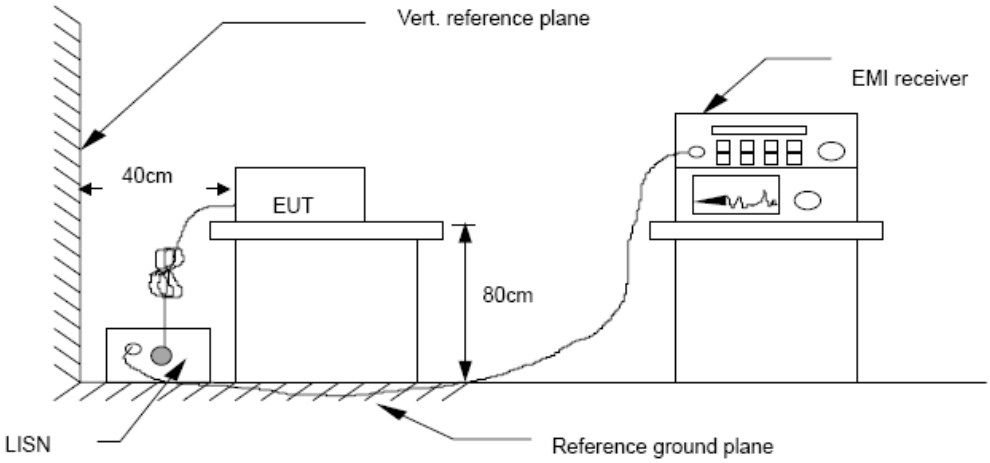
6.1 Conducted Emission Limits(15.207)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 -0.50	66 -56*	56 - 46*
0.50 -5.00	56	46
5.00 -30.00	60	50

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

3.The limit decreases in line with the logarithm of the frequency in the rang of 0.15 to 0.50 MHz.

6.2 Test Setup



6.3 Test Procedure

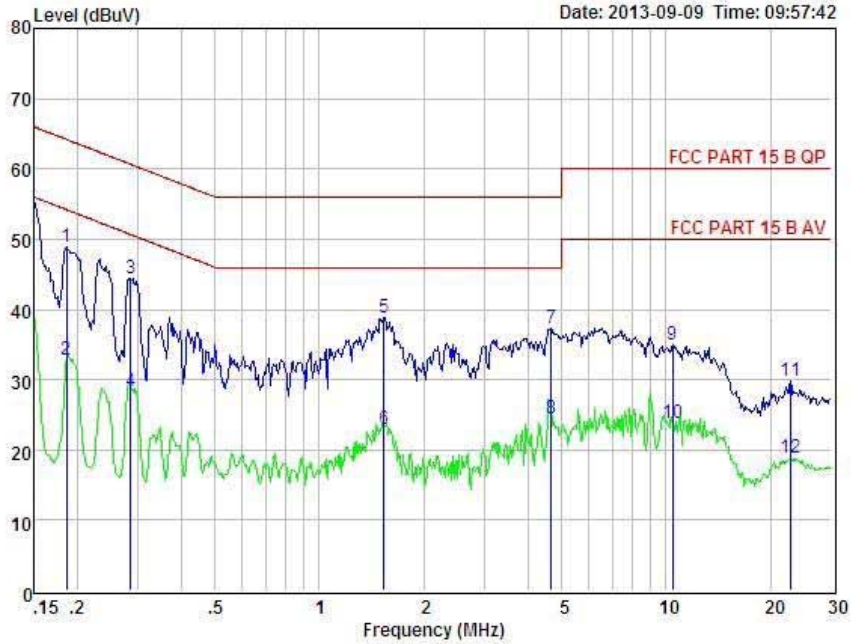
The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines 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 C63.4-2003 on Conducted Emission Measurement.
The bandwidth of test receiver (R & S ESCS30) is set at 9 kHz.

6.4 Test Results

PASS

Detailed information please see the following page.

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 Fax: +86-755-26736857
Website: http://www.cessz.com Email:Service@cessz.com

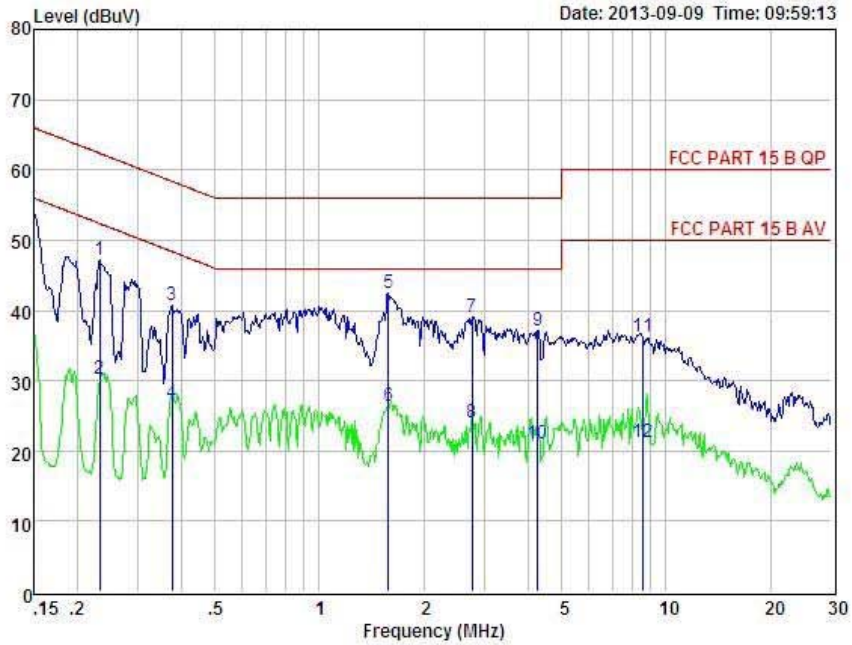


Condition : FCC PART 15 B QP POL: LINE Temp:24 ℃ Hum:56 %
EUT : Tablet pc
Model No : CPITP101
Test Mode : Charging
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer: Store
Remark :

Item	Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.186	48.70	0.03	0.00	0.10	48.83	64.20	-15.37	QP
2	0.186	32.70	0.03	0.00	0.10	32.83	54.20	-21.37	Average
3	0.285	44.20	0.03	0.00	0.10	44.33	60.68	-16.35	QP
4	0.285	28.20	0.03	0.00	0.10	28.33	50.68	-22.35	Average
5	1.535	38.70	0.05	0.00	0.10	38.85	56.00	-17.15	QP
6	1.535	22.70	0.05	0.00	0.10	22.85	46.00	-23.15	Average
7	4.672	37.20	0.09	0.00	0.12	37.41	56.00	-18.59	QP
8	4.672	24.20	0.09	0.00	0.12	24.41	46.00	-21.59	Average
9	10.452	34.46	0.20	0.00	0.21	34.87	60.00	-25.13	QP
10	10.452	23.46	0.20	0.00	0.21	23.87	50.00	-26.13	Average
11	22.896	28.94	0.42	0.00	0.43	29.79	60.00	-30.21	QP
12	22.896	17.94	0.42	0.00	0.43	18.79	50.00	-31.21	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 Fax: +86-755-26736857
Website: http://www.cessz.com Email:Service@cessz.com



Condition : FCC PART 15 B QP POL: NEUTRAL Temp:24 ℃ Hum:56 %
EUT : Tablet pc
Model No : CPITP101
Test Mode : Charging
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer: Store
Remark :

Item	Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.233	47.02	0.03	0.00	0.10	47.15	62.35	-15.20	QP
2	0.233	30.02	0.03	0.00	0.10	30.15	52.35	-22.20	Average
3	0.375	40.62	0.03	0.00	0.10	40.75	58.39	-17.64	QP
4	0.375	26.62	0.03	0.00	0.10	26.75	48.39	-21.64	Average
5	1.585	42.33	0.05	0.00	0.10	42.48	56.00	-13.52	QP
6	1.585	26.33	0.05	0.00	0.10	26.48	46.00	-19.52	Average
7	2.765	38.80	0.07	0.00	0.12	38.99	56.00	-17.01	QP
8	2.765	23.80	0.07	0.00	0.12	23.99	46.00	-22.01	Average
9	4.269	36.91	0.08	0.00	0.12	37.11	56.00	-18.89	QP
10	4.269	20.91	0.08	0.00	0.12	21.11	46.00	-24.89	Average
11	8.546	35.99	0.15	0.00	0.17	36.31	60.00	-23.69	QP
12	8.546	20.99	0.15	0.00	0.17	21.31	50.00	-28.69	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

7 Conducted Maximum Output Power

7.1 Test limit

Please refer section15.247.

Regulation 15.247(b) The limit of Maximum Peak Output Power Measurement is 1W(30dBm)

7.2 Test Procedure

Details see the KDB558074 Meas Guidance V03

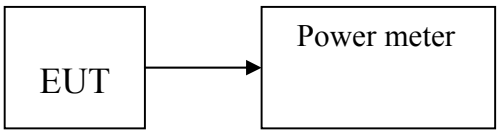
7.2.1 Place the EUT on the table and set it in transmitting mode.

7.2.2 Connected the EUT's antenna port to peak power meter by 20dB attenuator.

7.2.3 Measure out each mode and each bands peak output power of EUT.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset. Details see the KDB558074 DTS Meas Guidance V03

7.3 Test Setup



7.4 Test Results

PASS

Detailed information please see the following page.

EUT: Tablet pc		M/N: CPITP101		
Test date: 2013-09-13		Test site: RF site	Tested by: Simple Guan	
Mode	Frequency (MHz)	PK Output power (dBm)	Limit (dBm)	Margin (dB)
IEEE 802.11 b	CH1: 2412	9.59	30	17.69
	CH6: 2437	9.68	30	18.01
	CH11: 2462	9.72	30	16.30
IEEE 802.11 g	CH1: 2412	8.54	30	19.41
	CH6: 2437	8.61	30	18.31
	CH11: 2462	8.69	30	17.55
IEEE 802.11 n/HT20	CH1: 2412	8.23	30	19.69
	CH6: 2437	8.19	30	18.48
	CH11: 2462	8.35	30	19.49
IEEE 802.11 n/HT40	CH1: 2422	8.08	30	19.27
	CH4: 2437	8.13	30	18.62
	CH7: 2452	8.19	30	18.06
Conclusion: PASS				

8 PEAK POWER SPECTRAL DENSITY

8.1 Test limit

8.1.1 Please refer section15.247.

8.1.2 For direct sequence systems, the peak 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.

8.1.3 The direct sequence operating of the hybrid system, with the frequency hopping operation turned off, shall comply with the power density requirements of paragraph (d) of this section.

8.2 Method of measurement

Details see the KDB558074 V03 Meas Guidance

8.2.1 Place the EUT on the table and set it in transmitting mode.

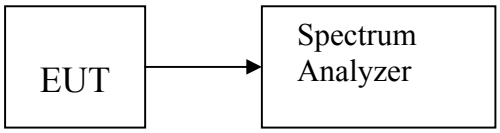
8.2.2 Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

8.2.3 Set the spectrum analyzer as RBW = 3kHz, VBW = 10kHz, Span≥1.5DTS EBW, detail see the test plot.

8.2.4 Record the max reading.

8.2.5 Repeat the above procedure until the measurements for all frequencies are completed.

8.3 Test Setup



8.4 Test Results

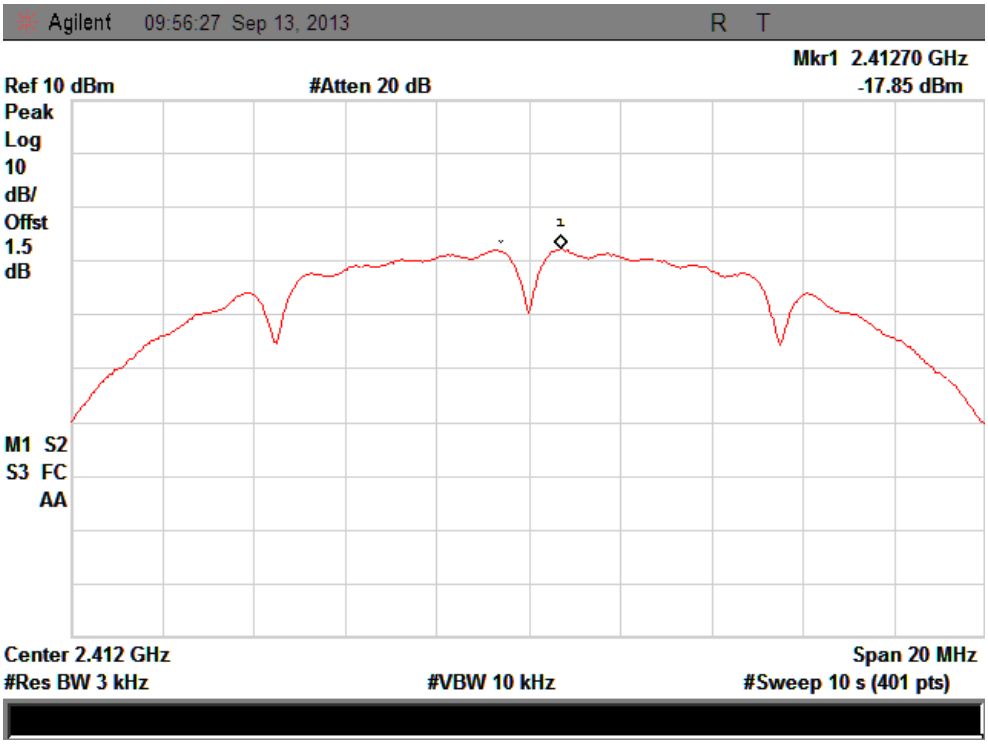
PASS.

Detailed information please see the following page.

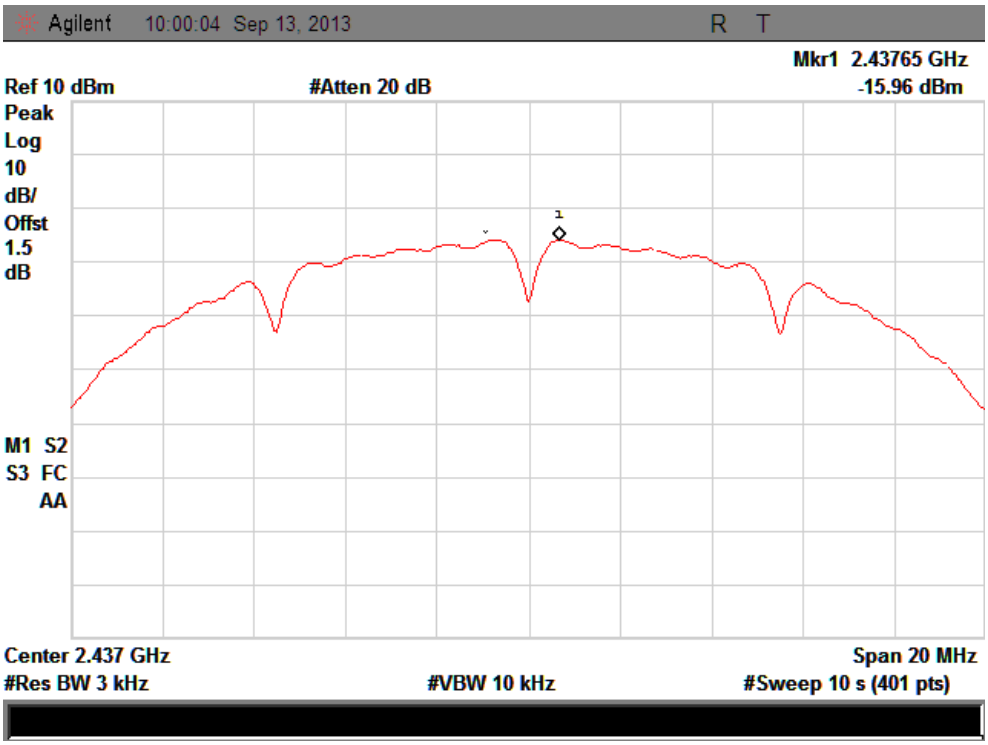
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm)	Result
IEEE 802.11b:				
Low	2412	-17.85	8	PASS
Mid	2437	-15.96	8	PASS
High	2462	-16.33	8	PASS
IEEE 802.11g:				
Low	2412	-18.84	8	PASS
Mid	2437	-19.13	8	PASS
High	2462	-19.49	8	PASS
IEEE 802.11n/HT20:				
Low	2412	-18.65	8	PASS
Mid	2437	-18.29	8	PASS
High	2462	-18.86	8	PASS
IEEE 802.11n/HT40:				
Low	2422	-18.96	8	PASS
Mid	2437	-19.95	8	PASS
High	2452	-19.56	8	PASS

IEEE 802.11b:

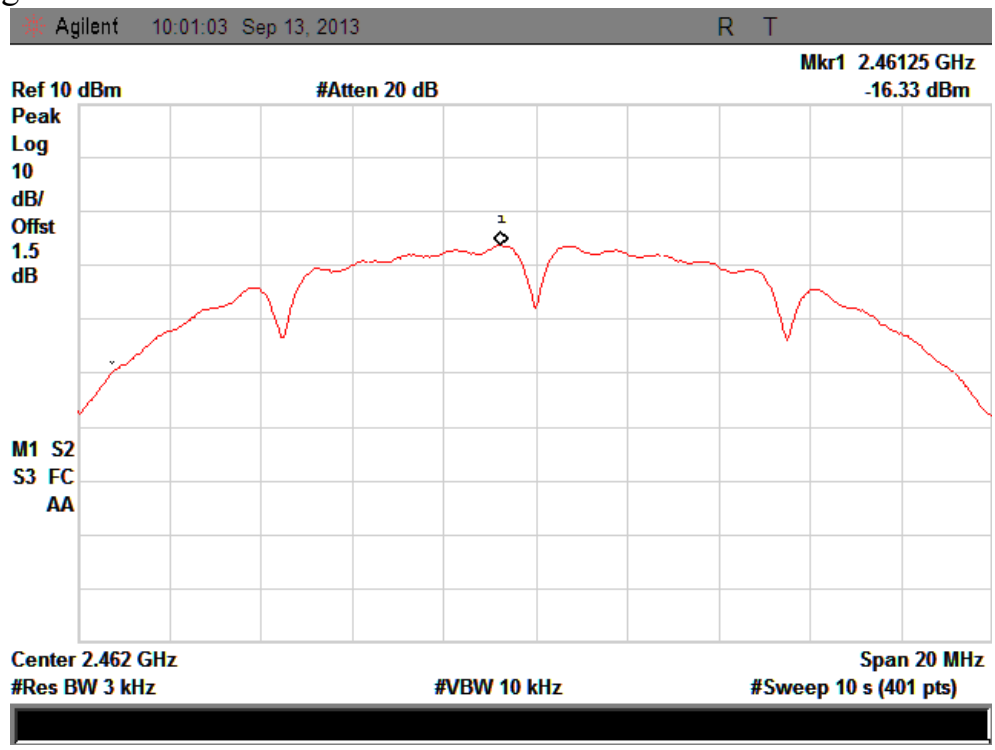
CH Low :



CH Mid :

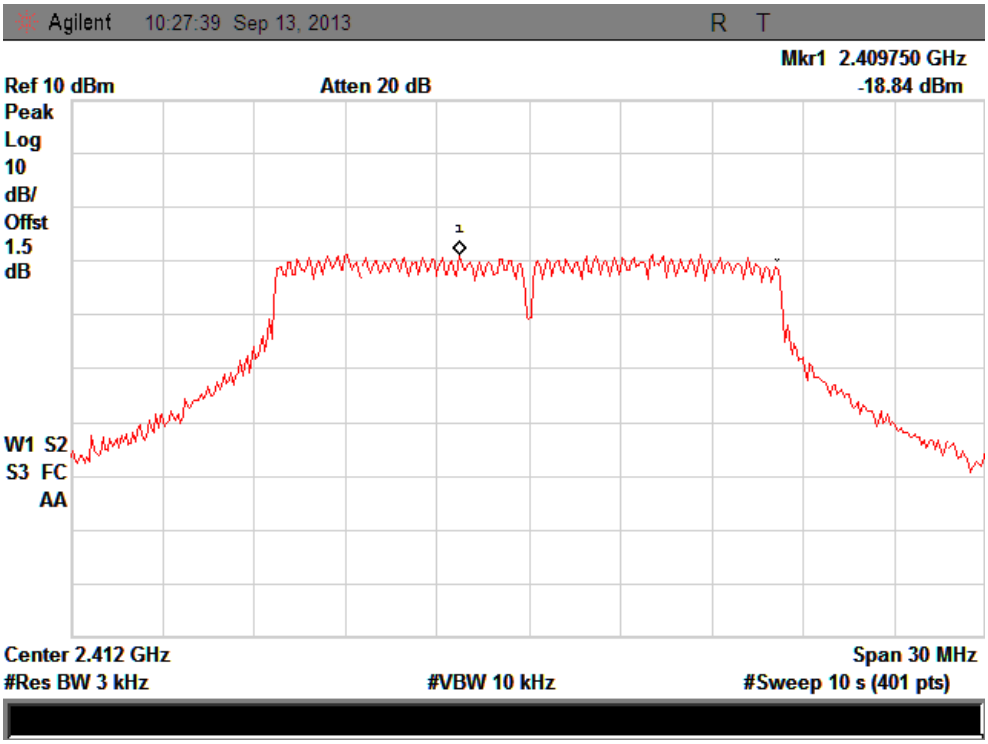


CH High :

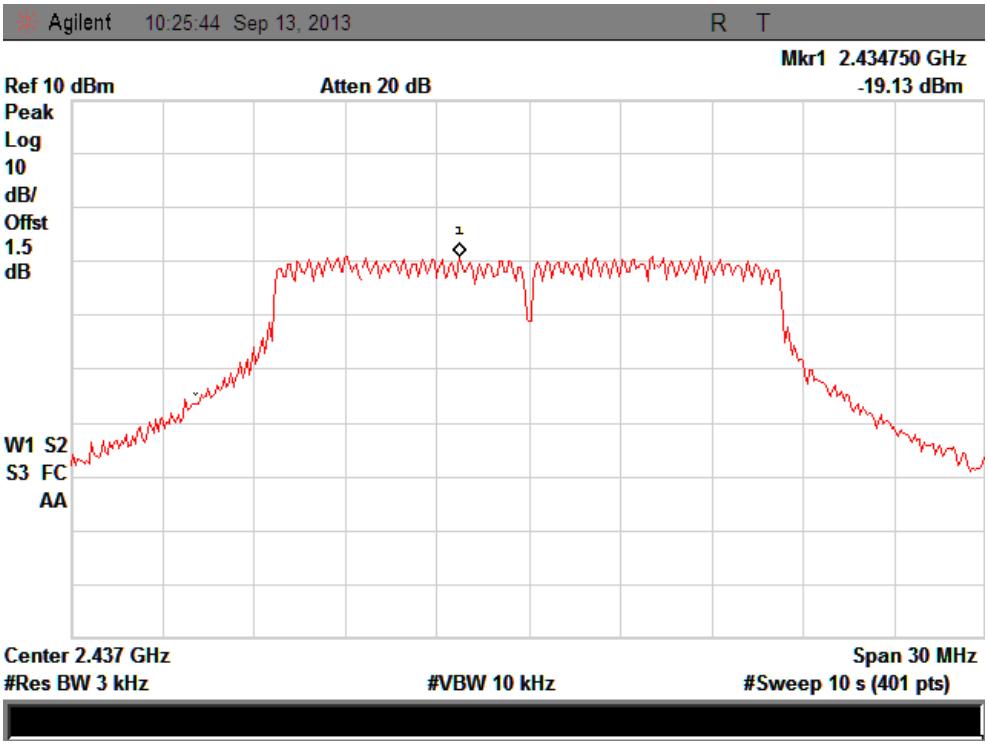


IEEE 802.11g:

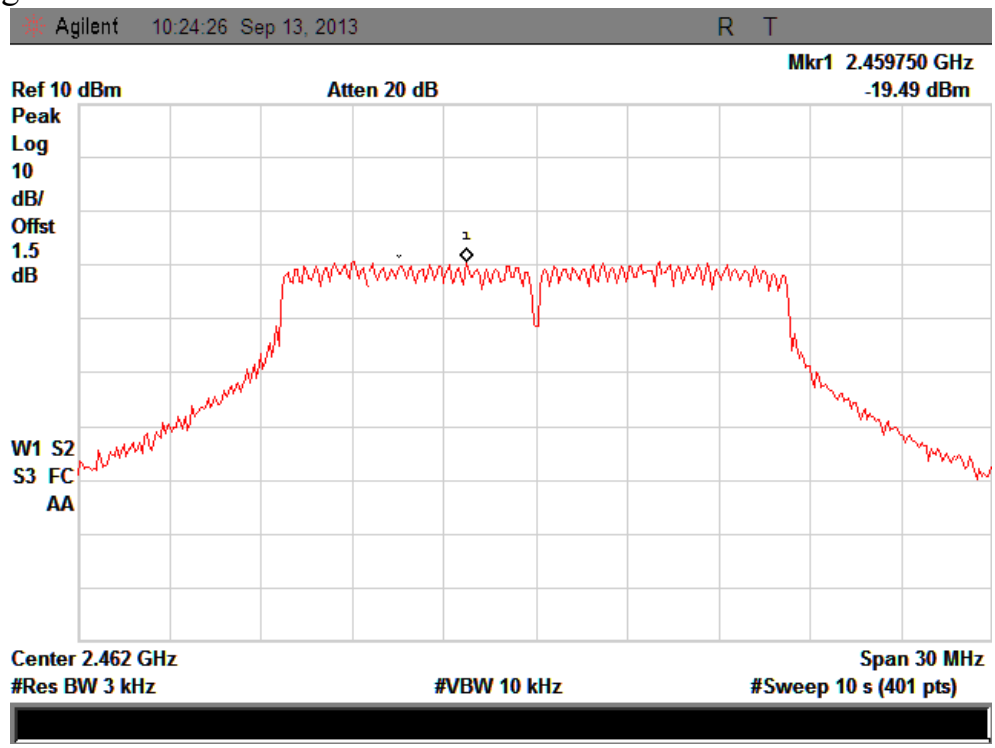
CH Low :



CH Mid :

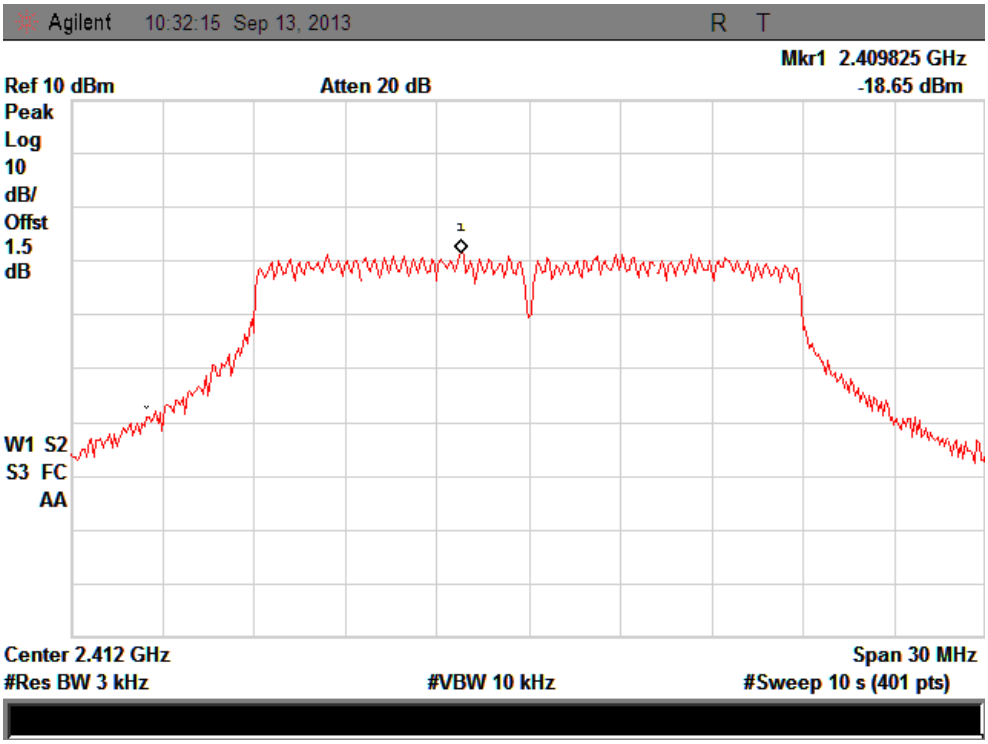


CH High :

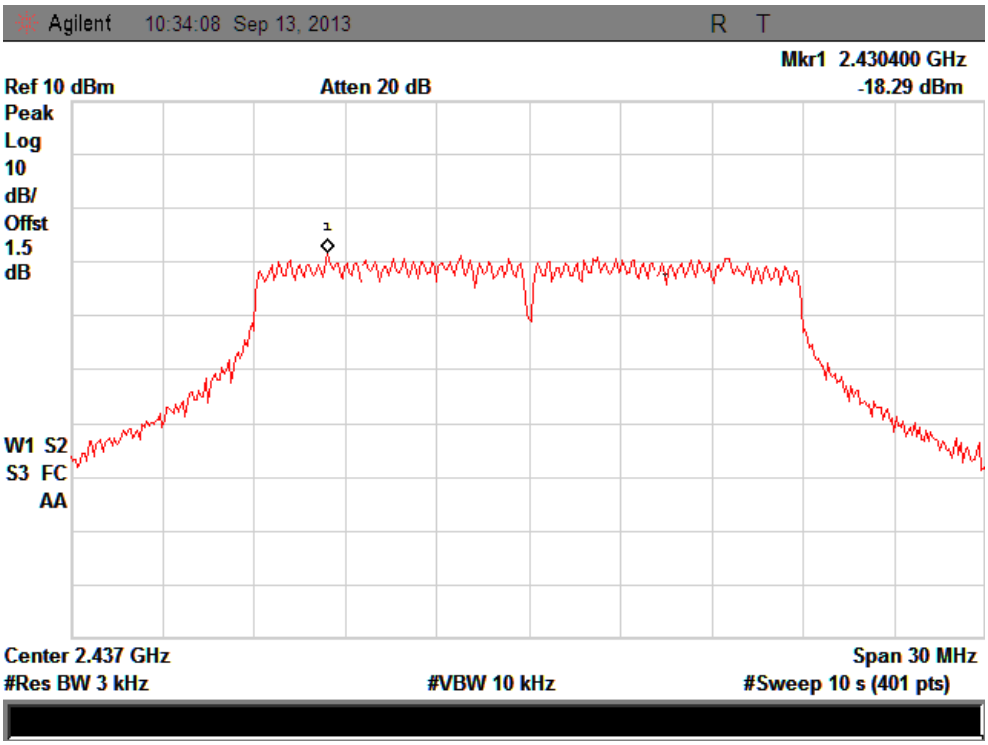


IEEE 802.11n/HT20:

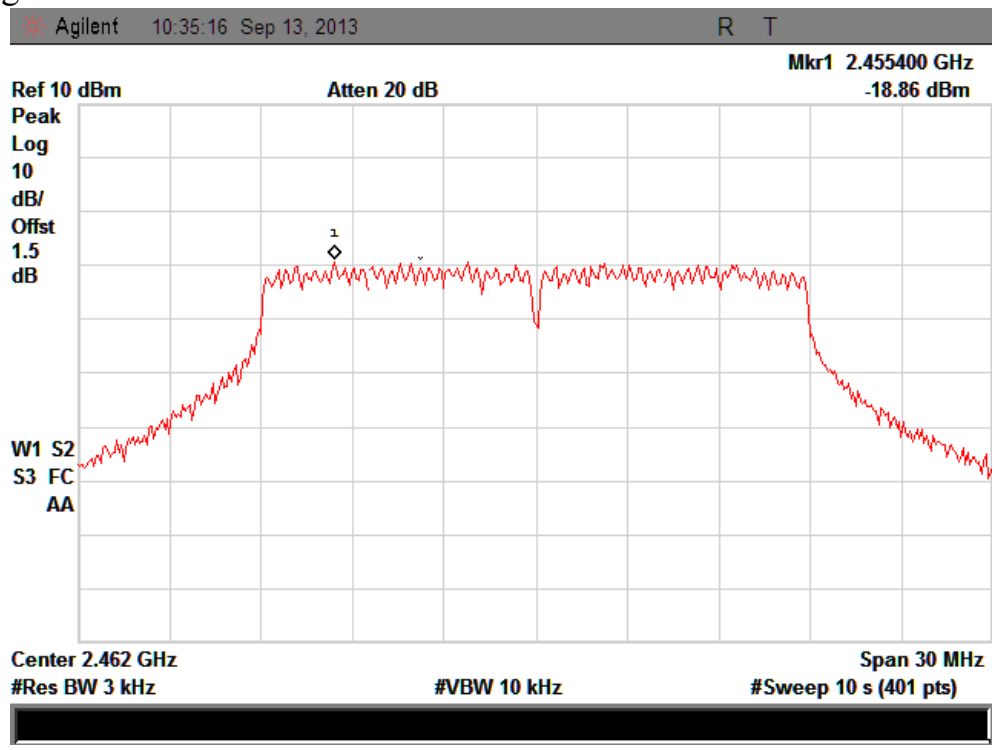
CH Low :



CH Mid :

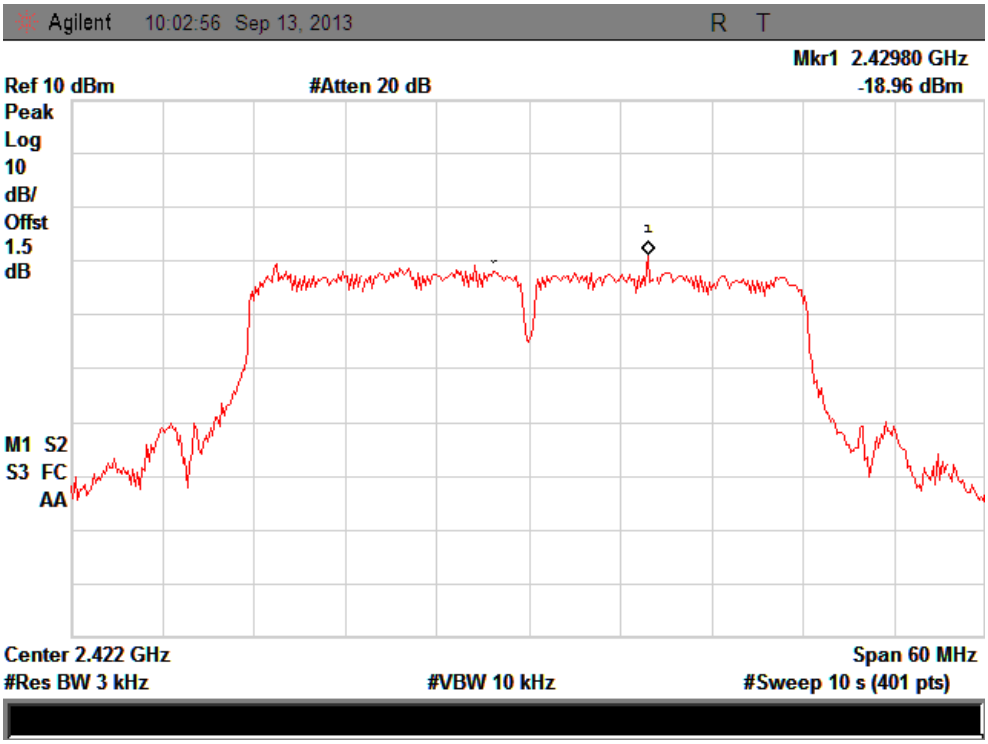


CH High :

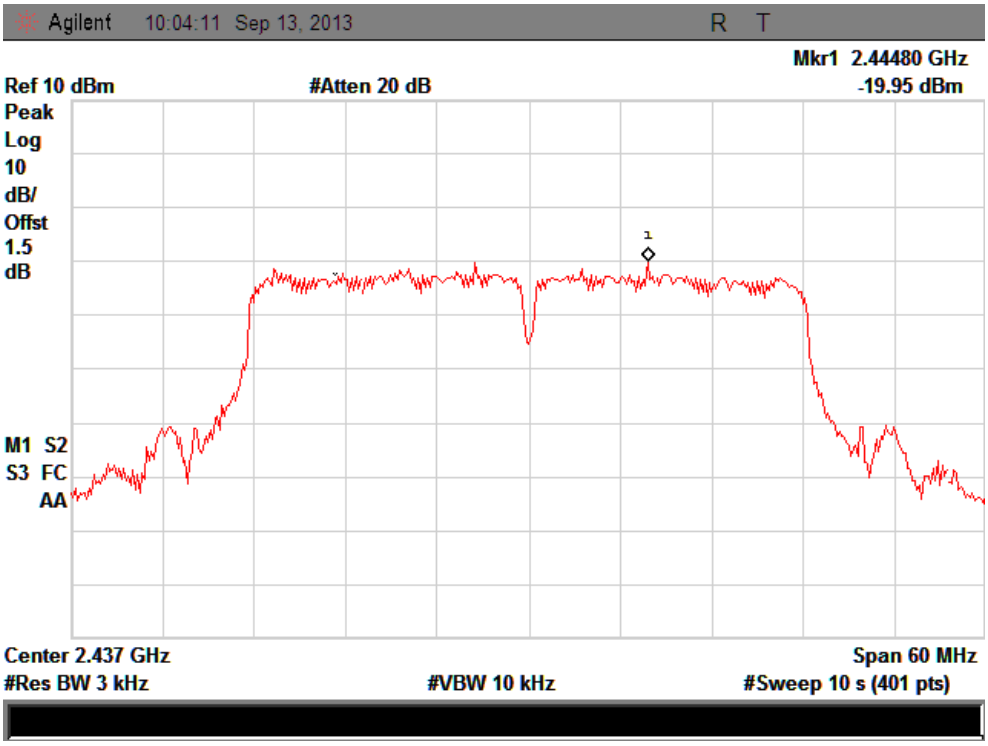


IEEE 802.11n/HT40:

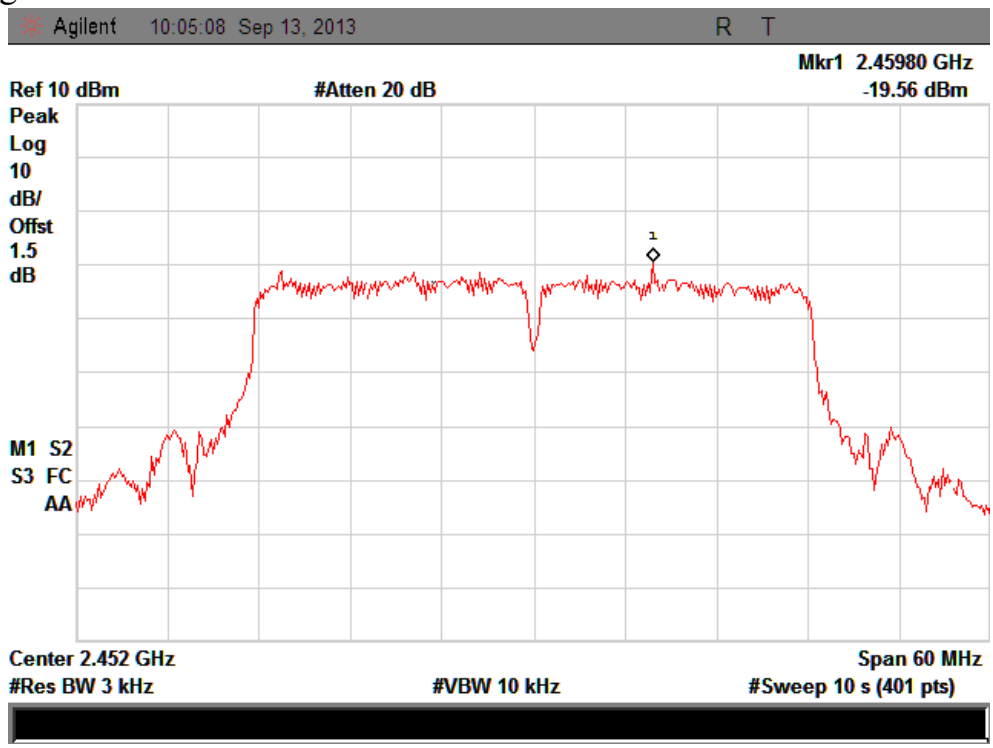
CH Low :



CH Mid :



CH High :



9 6dB Bandwidth

9.1 Test limit

Please refer section15.247

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

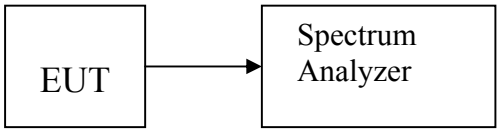
9.2 Method of measurement

Details see the KDB558074 V03 Meas Guidance

a)The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

b) The test receiver set RBW = 100KHz, VBW≥3RBW, Sweep time set auto, detail see the test plot.

9.3 Test Setup



9.4 Test Results

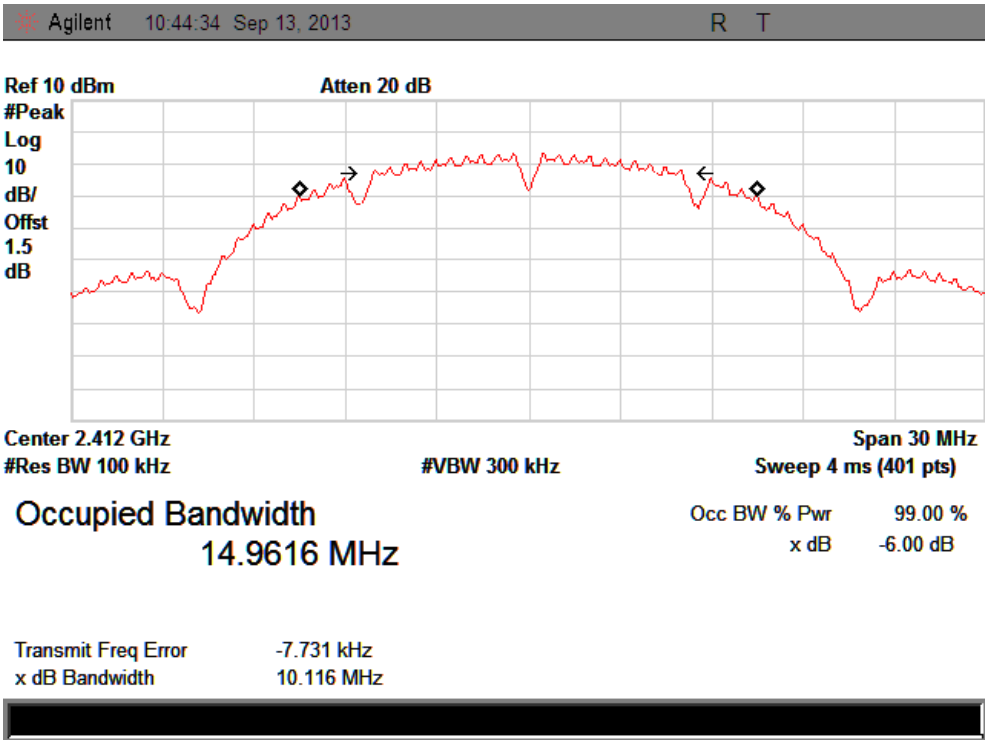
PASS.

Detailed information please see the following page.

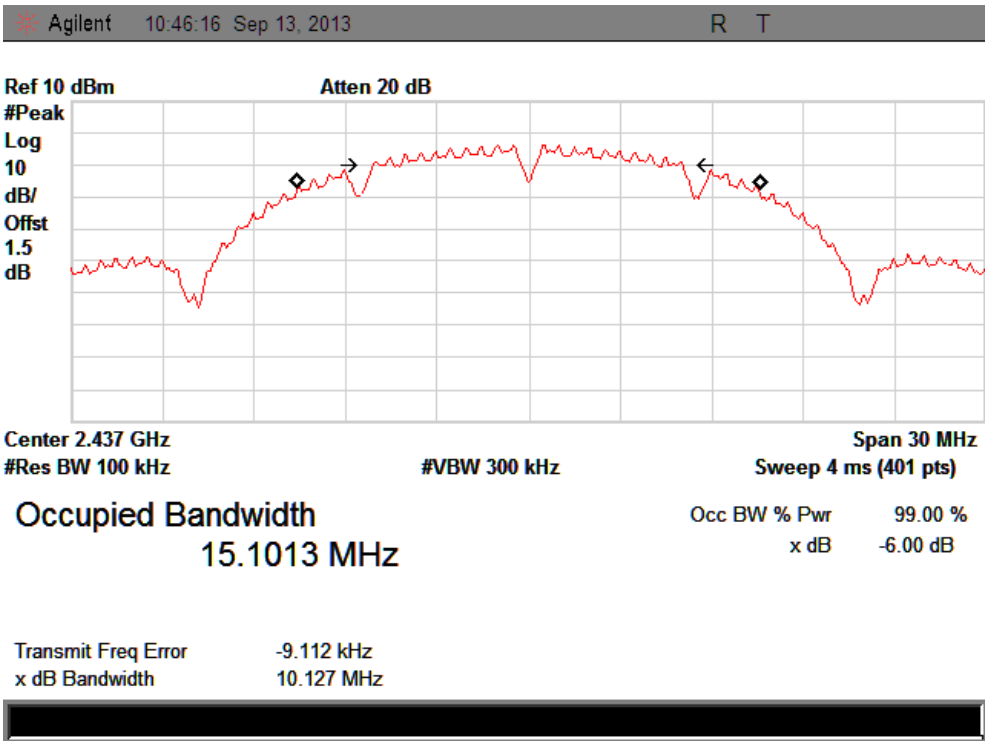
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b:				
Low	2412	10.116	0.5	PASS
Mid	2437	10.127	0.5	PASS
High	2462	10.126	0.5	PASS
IEEE 802.11g:				
Low	2412	16.546	0.5	PASS
Mid	2437	16.549	0.5	PASS
High	2462	16.557	0.5	PASS
IEEE 802.11n/HT20:				
Low	2412	17.842	0.5	PASS
Mid	2437	17.827	0.5	PASS
High	2462	17.846	0.5	PASS
IEEE 802.11n/HT40:				
Low	2422	36.417	0.5	PASS
Mid	2437	36.456	0.5	PASS
High	2452	36.459	0.5	PASS

IEEE 802.11b:

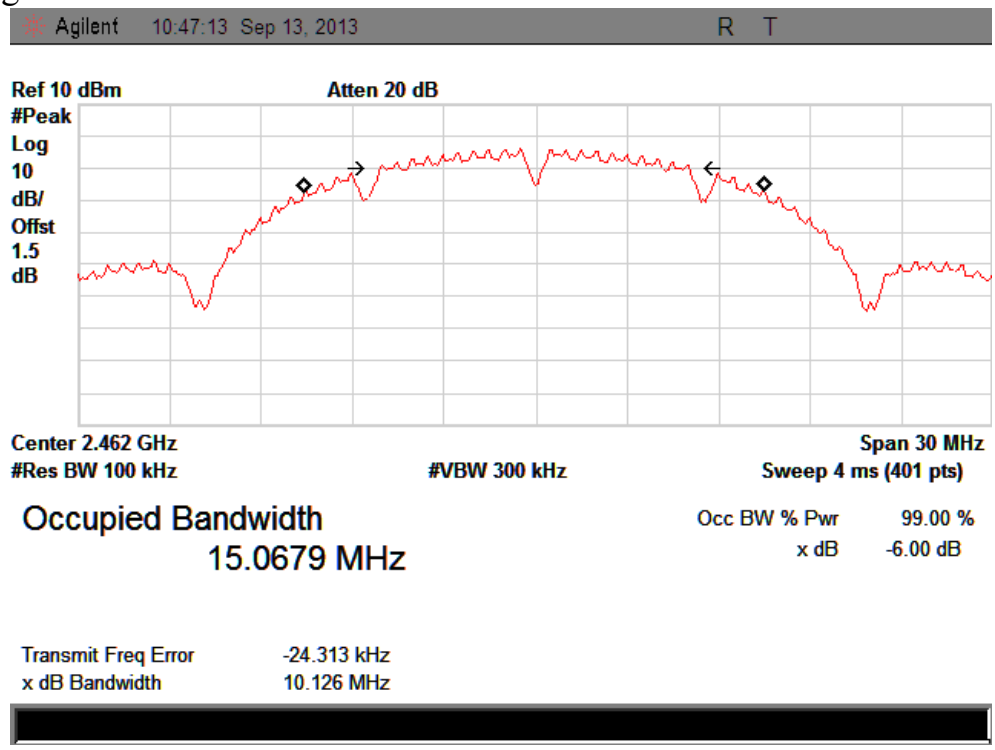
CH Low :



CH Mid :

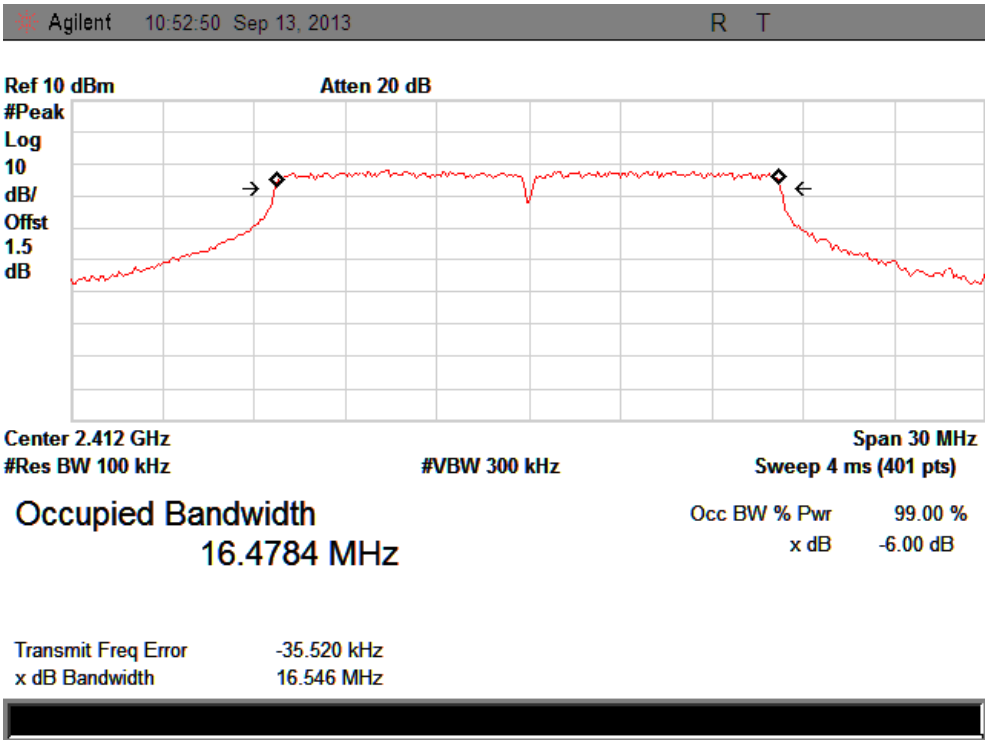


CH High :

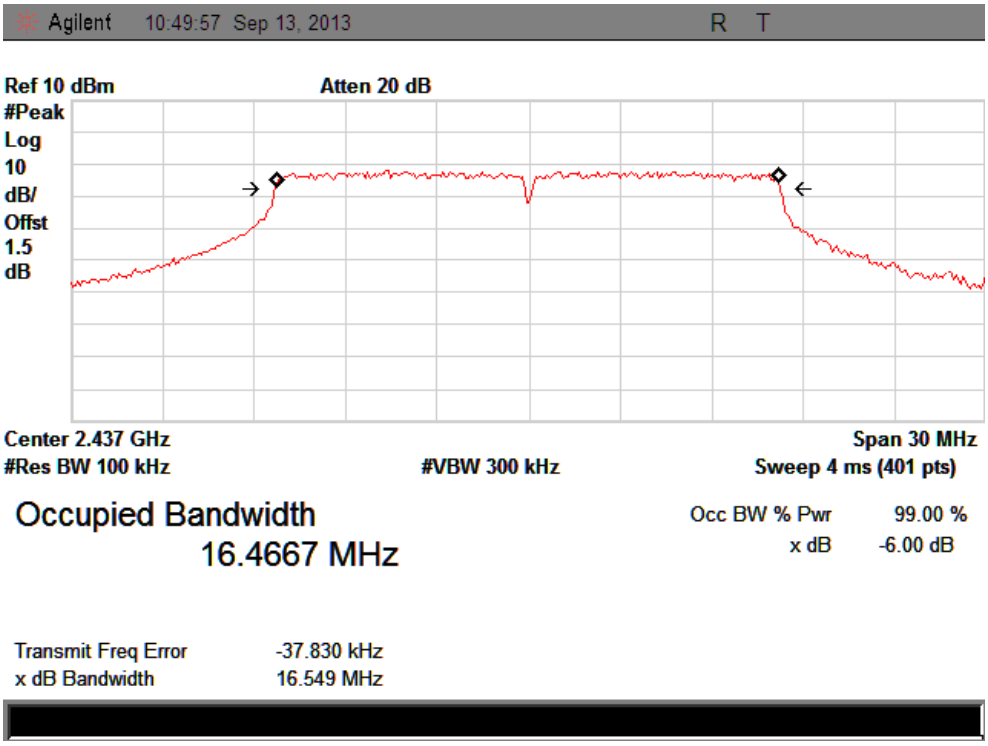


IEEE 802.11g:

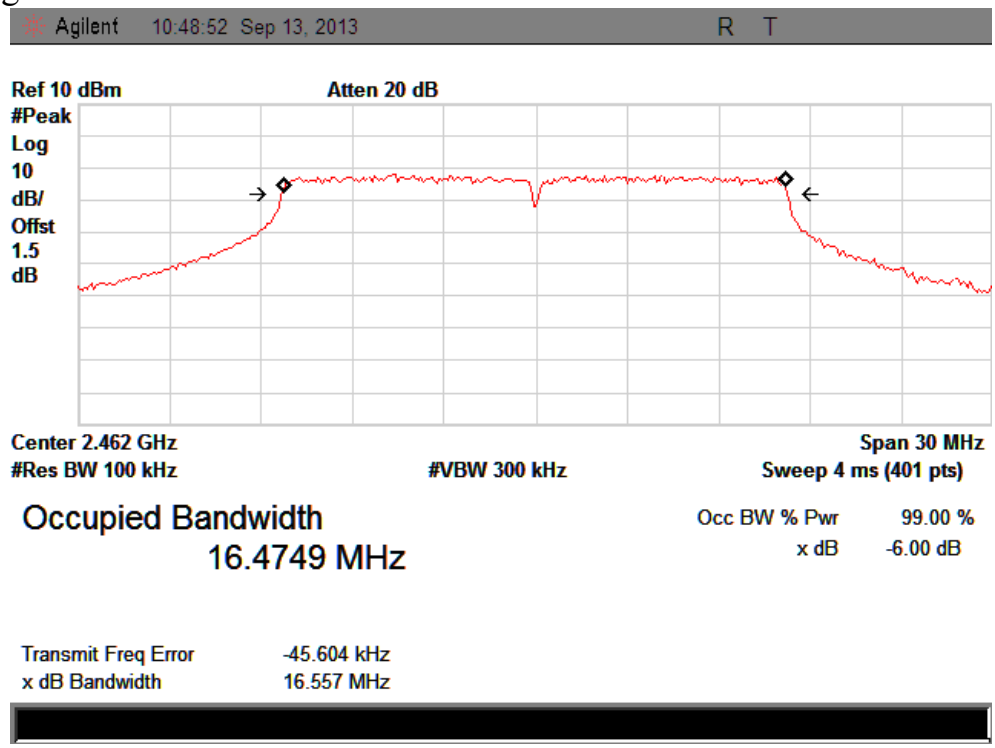
CH Low :



CH Mid :

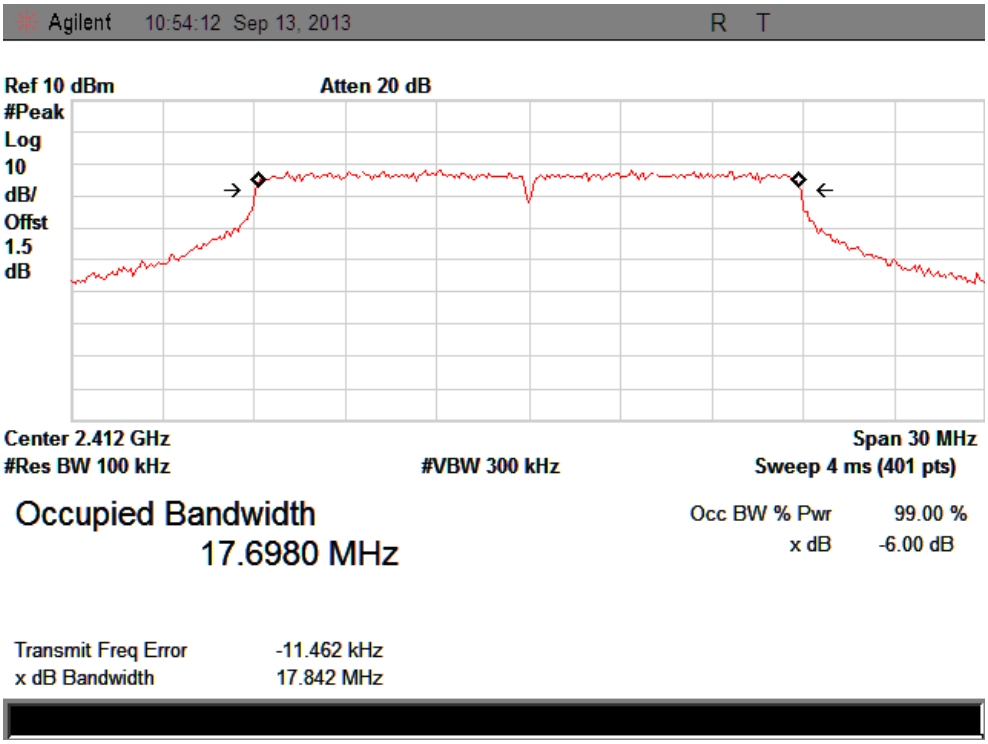


CH High :

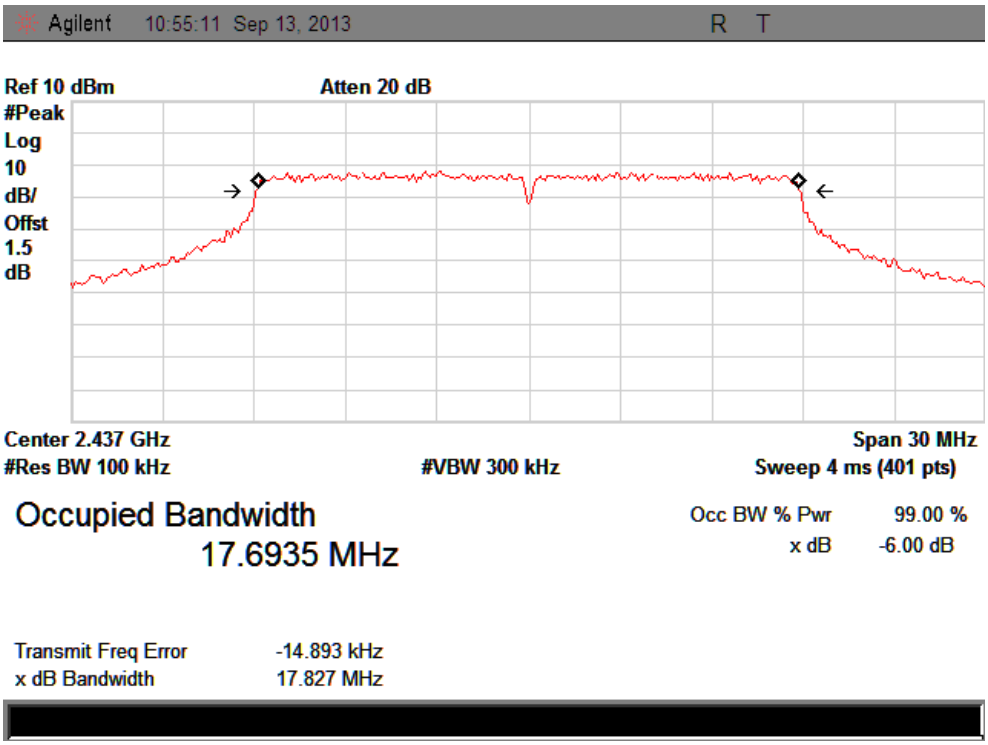


IEEE 802.11n/HT20:

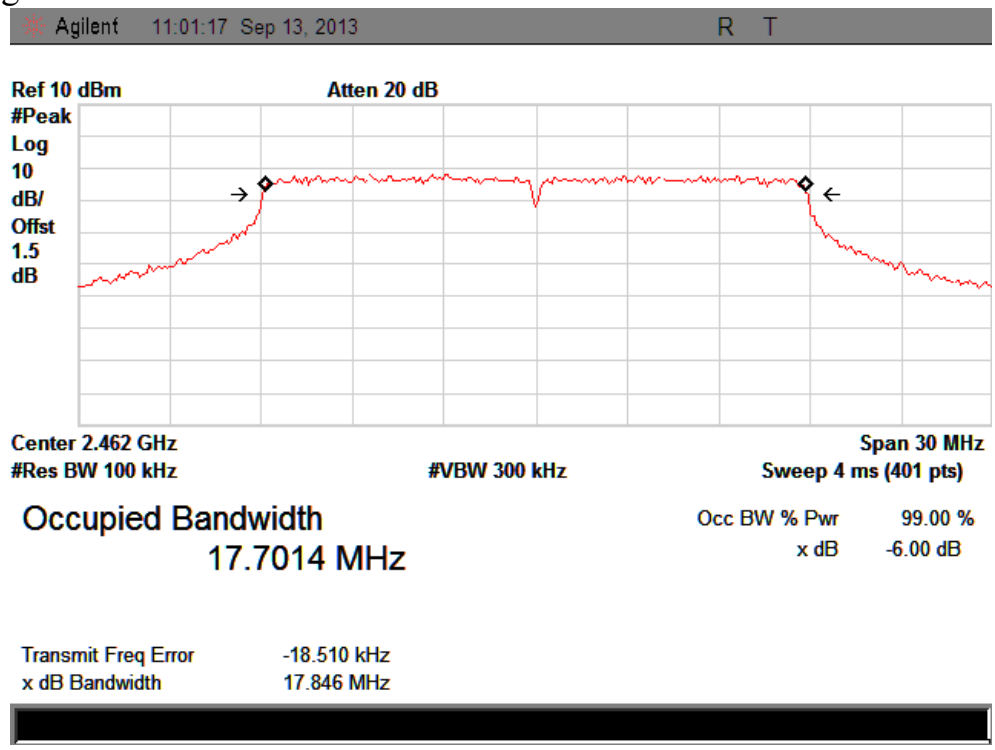
CH Low :



CH Mid :

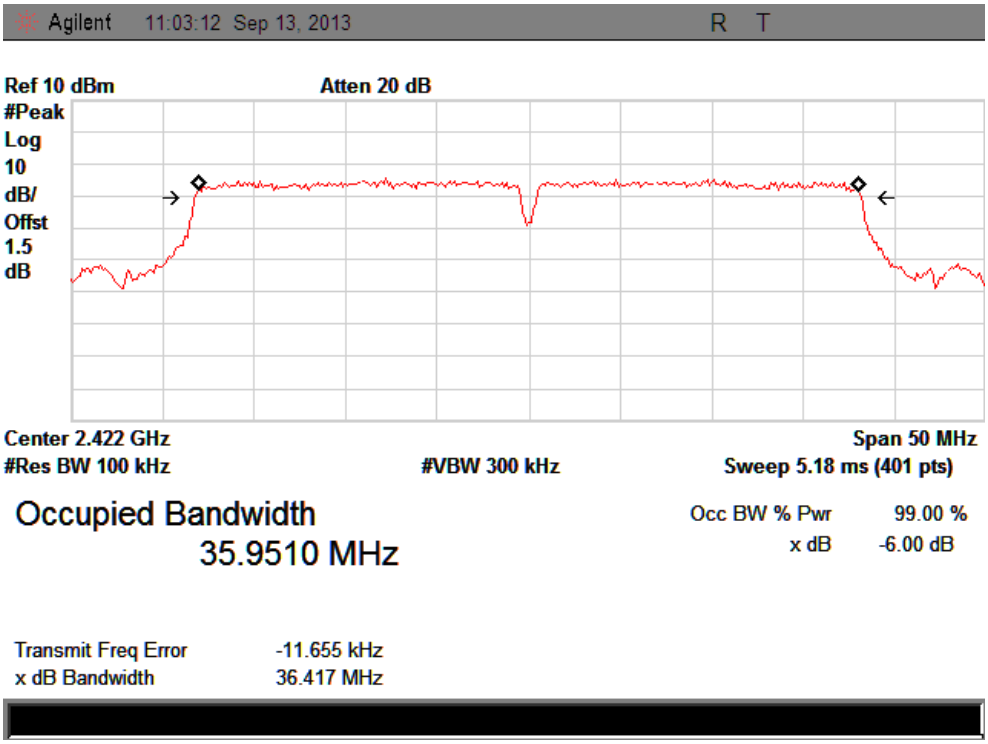


CH High :

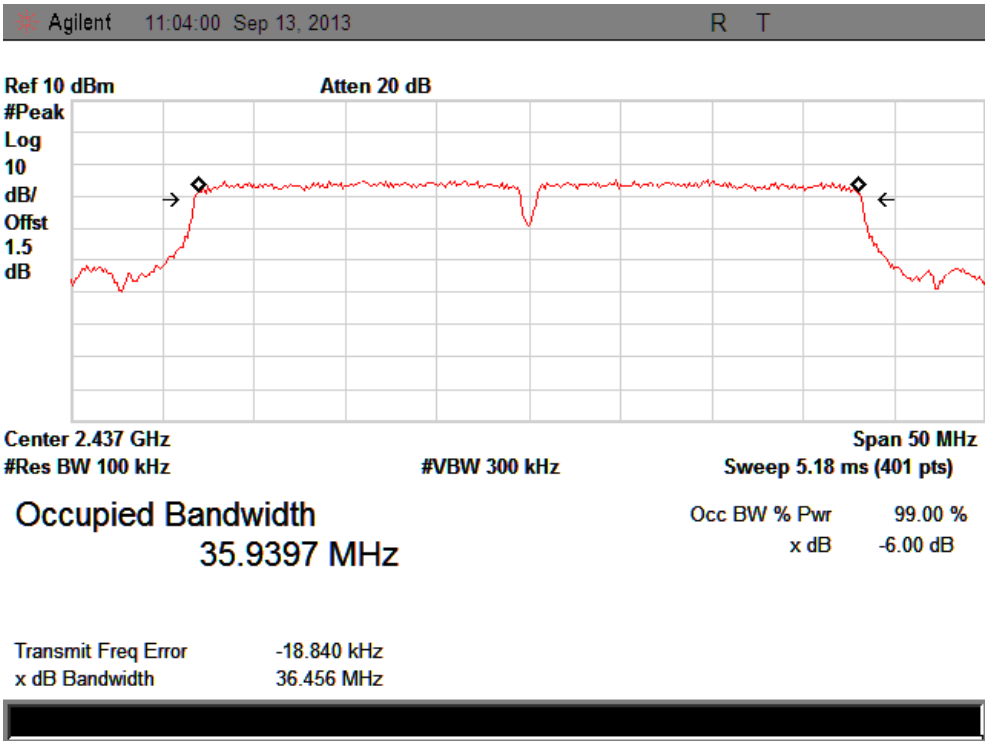


IEEE 802.11n/HT40:

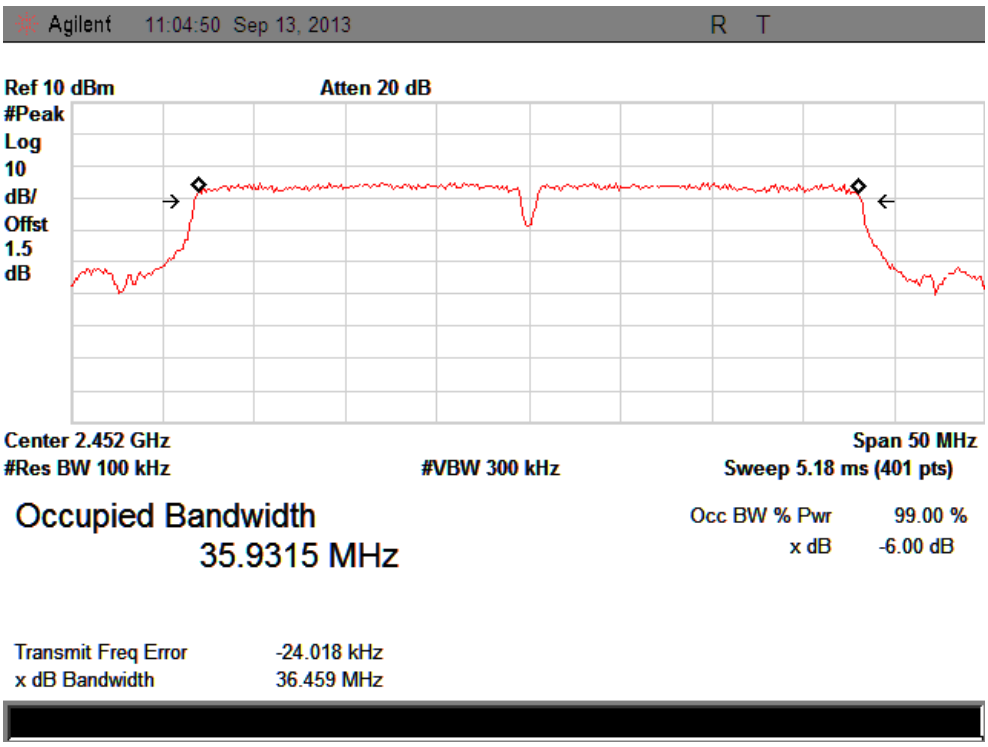
CH Low :



CH Mid :



CH High :



10 Band Edge Check

10.1 Test limit

Please refer section15.247

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.

10.2 Test Procedure

12.2.1 Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

12.2.2 Check the spurious emissions out of band.

12.2.3 RBW,VBW Setting, please see the following test plot.

10.3 Test Setup

Same as 5.2.2.

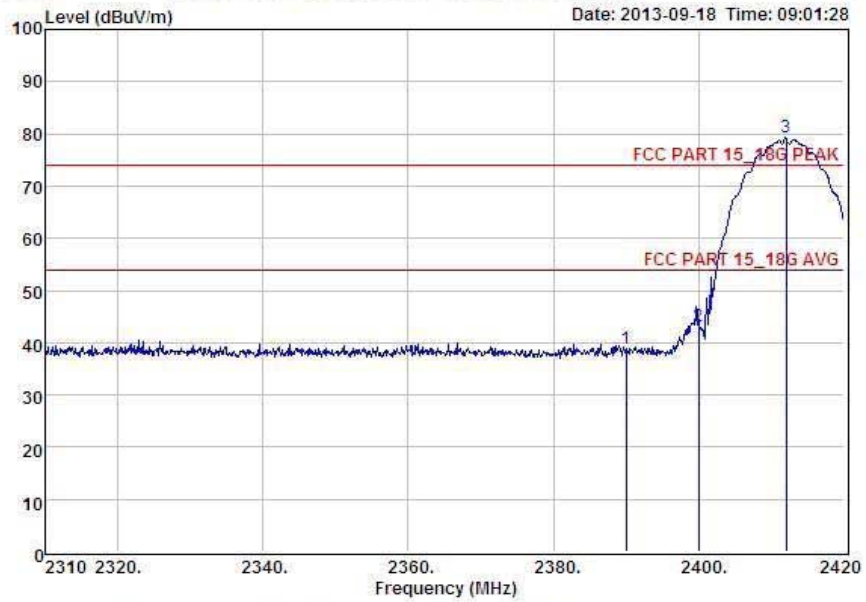
10.4 Test Result

PASS.

Detailed information please see the following page.

IEEE 802.11b:
CH LOW :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

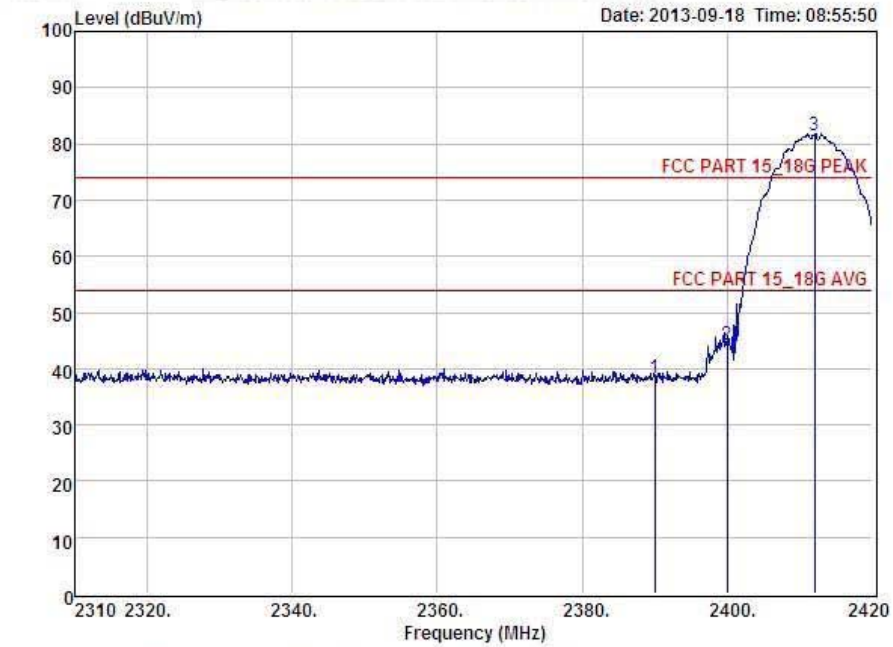


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.b CH Low: 2412MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	42.22	27.62	34.97	3.92	38.79	74.00	-35.21	Peak
2	2400.00	46.52	27.62	34.97	3.94	43.11	74.00	-30.89	Peak
3	2412.00	82.67	27.61	34.97	3.95	79.26	74.00	5.26	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



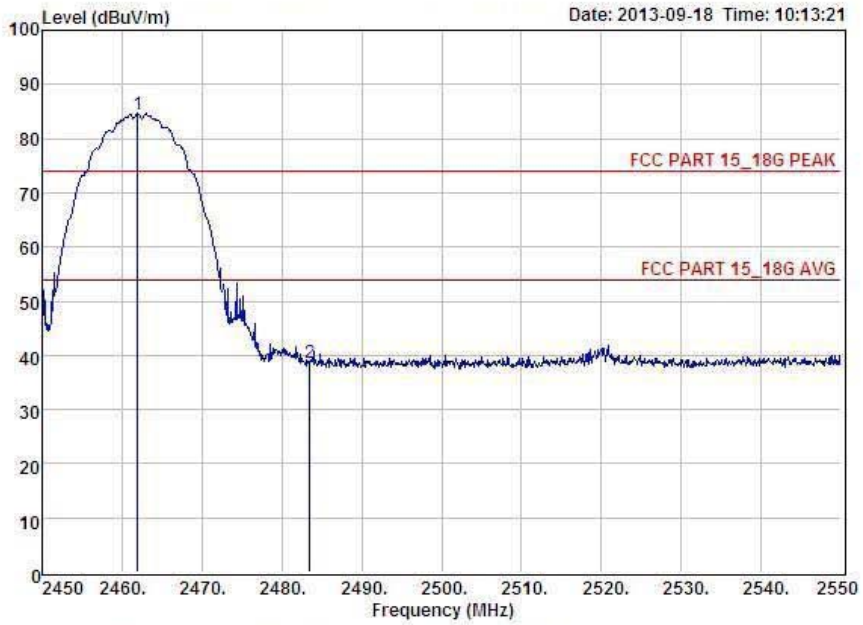

```
Condition      : FCC PART 15_18G PEAK 3m       POL: VERTICAL
EUT            : Tablet pc
Model No       : CPITP101
Test Mode      : IEEE.802.b  CH Low: 2412MHz
Power          : DC 5V Supply by  AC 120V/60Hz adapter
Test Engineer  : Anna
Remark         :
Temp           :
Hum            :
```

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	41.71	27.62	34.97	3.92	38.28	74.00	-35.72	Peak
2	2400.00	47.68	27.62	34.97	3.94	44.27	74.00	-29.73	Peak
3	2412.00	85.03	27.61	34.97	3.95	81.62	74.00	7.62	Peak

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

CH High :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

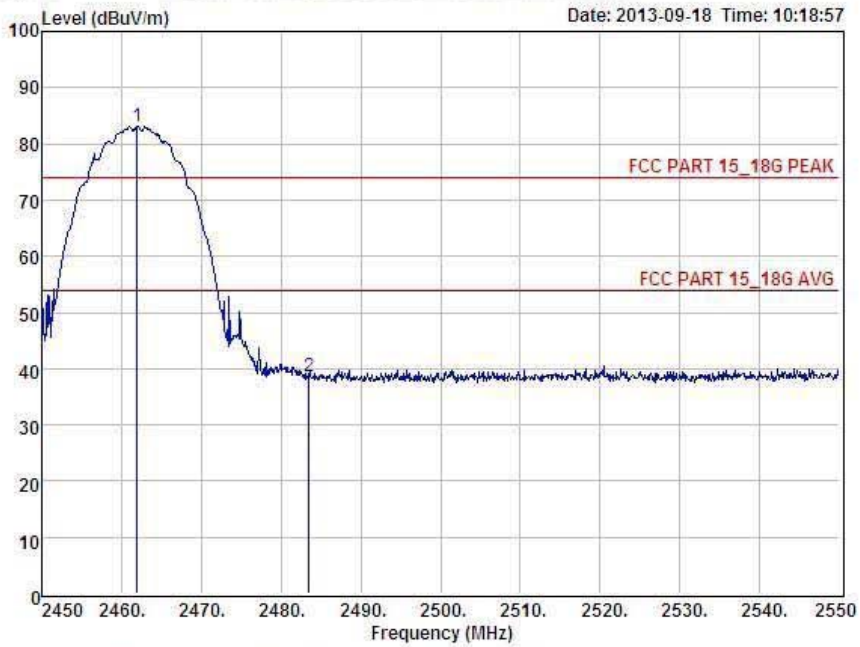


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.b CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	67.81	27.59	34.97	3.98	84.41	74.00	10.41	Peak
2	2483.50	41.94	27.59	34.97	4.00	38.56	74.00	-35.44	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



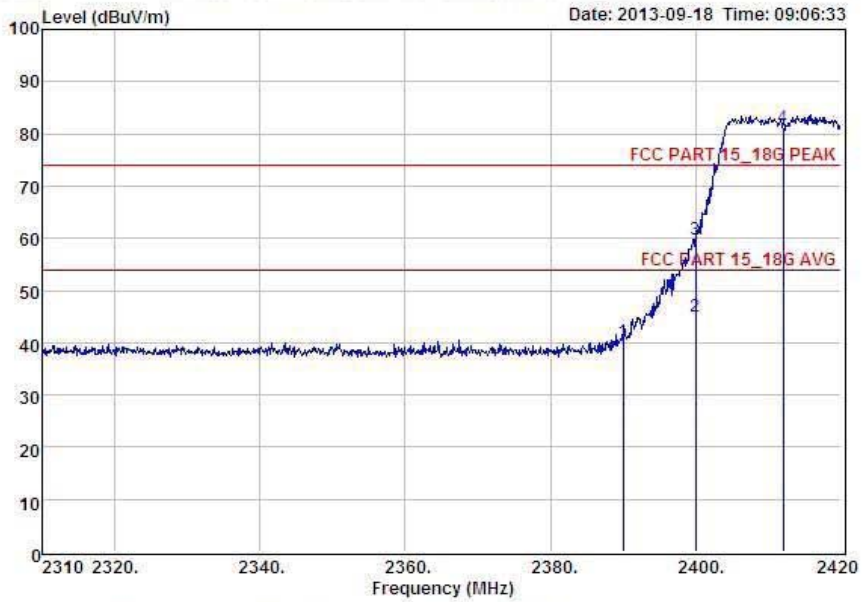
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.b CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	86.52	27.59	34.97	3.98	83.12	74.00	9.12	Peak
2	2483.50	41.94	27.59	34.97	4.00	38.56	74.00	-35.44	Peak

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

IEEE 802.11g:
CH LOW :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

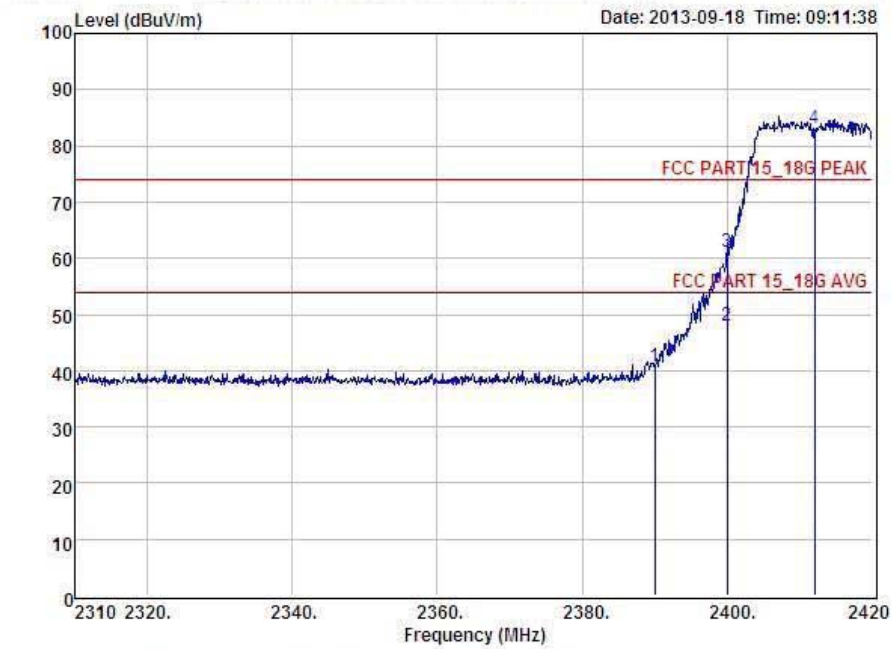


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.g CH Low: 2412MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	43.53	27.62	34.97	3.92	40.10	74.00	-33.90	Peak
2	2400.00	48.32	27.62	34.97	3.94	44.91	54.00	-9.09	Average
3	2400.00	63.29	27.62	34.97	3.94	59.88	74.00	-14.12	Peak
4	2412.00	84.61	27.61	34.97	3.95	81.20	74.00	7.20	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



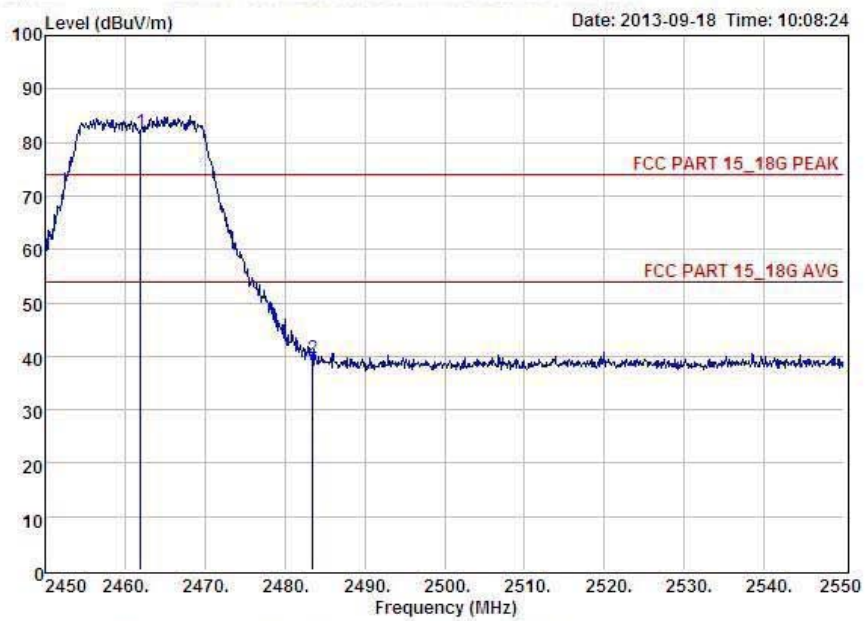
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.g CH Low: 2412MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	44.18	27.62	34.97	3.92	40.75	74.00	-33.25	Peak
2	2400.00	51.37	27.62	34.97	3.94	47.96	54.00	-6.04	Average
3	2400.00	64.46	27.62	34.97	3.94	61.05	74.00	-12.95	Peak
4	2412.00	86.40	27.61	34.97	3.95	82.99	74.00	8.99	Peak

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

CH High :

Shenzhen Certification Technology Service Co., Ltd
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

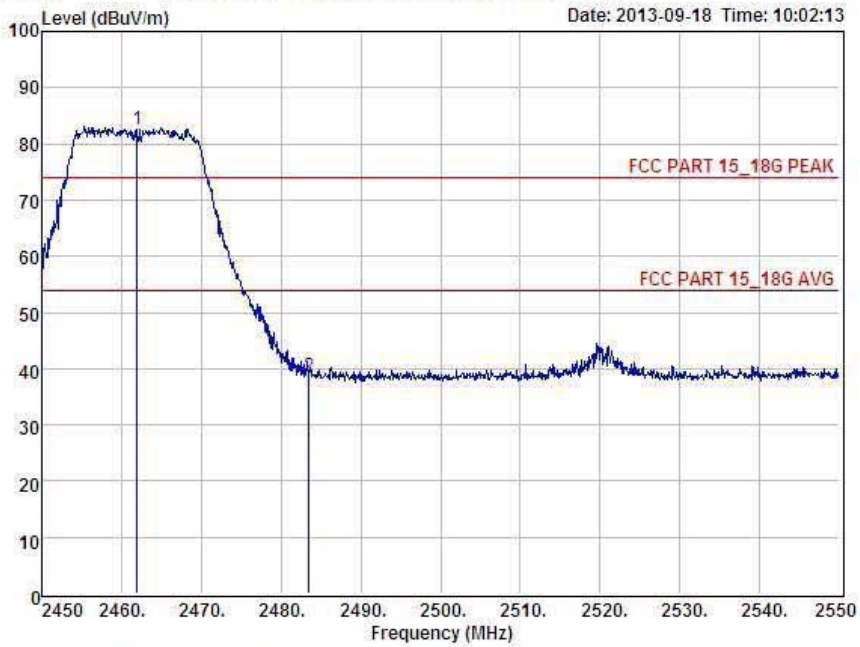


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.g CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	85.34	27.59	34.97	3.98	81.94	74.00	7.94	Peak
2	2483.50	42.99	27.59	34.97	4.00	39.61	74.00	-34.39	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



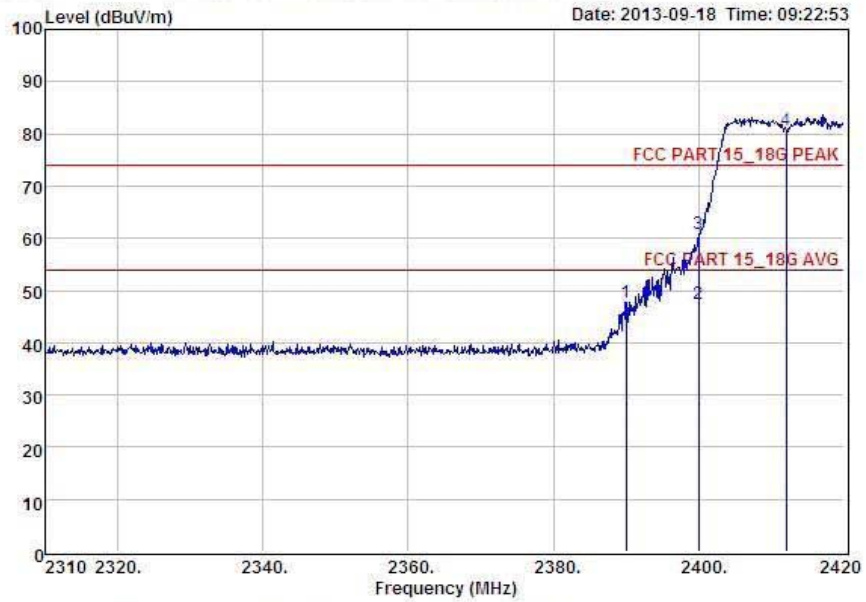
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.g CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	66.87	27.59	34.97	3.98	82.47	74.00	8.47	Peak
2	2483.50	42.01	27.59	34.97	4.00	38.63	74.00	-35.37	Peak

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

IEEE 802.11n/HT20:
CH LOW :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

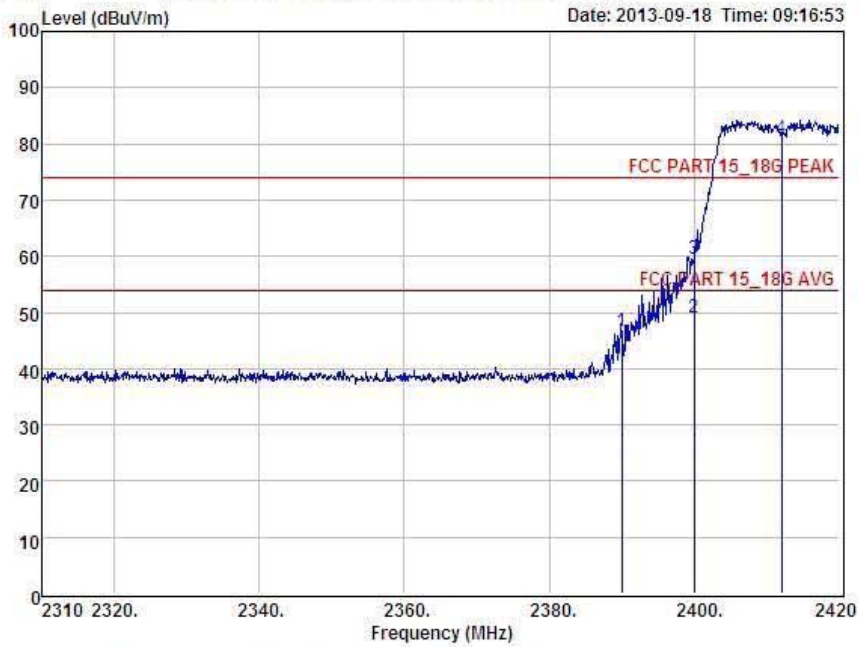


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT20 CH Low: 2412MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	51.20	27.62	34.97	3.92	47.77	74.00	-26.23	Peak
2	2400.00	50.78	27.62	34.97	3.94	47.37	54.00	-6.63	Average
3	2400.00	64.32	27.62	34.97	3.94	60.91	74.00	-13.09	Peak
4	2412.00	64.01	27.61	34.97	3.95	60.60	74.00	6.60	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



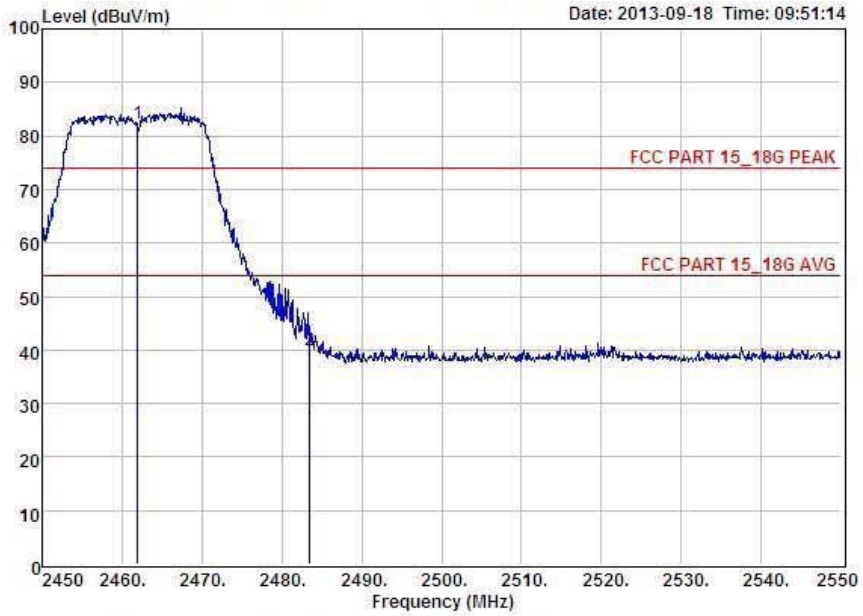
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT20 CH Low: 2412MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	50.00	27.62	34.97	3.92	46.57	74.00	-27.43	Peak
2	2400.00	52.49	27.62	34.97	3.94	49.08	54.00	-4.92	Average
3	2400.00	62.88	27.62	34.97	3.94	59.47	74.00	-14.53	Peak
4	2412.00	84.44	27.61	34.97	3.95	81.03	74.00	7.03	Peak

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

CH High :

Shenzhen Certification Technology Service Co., Ltd
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

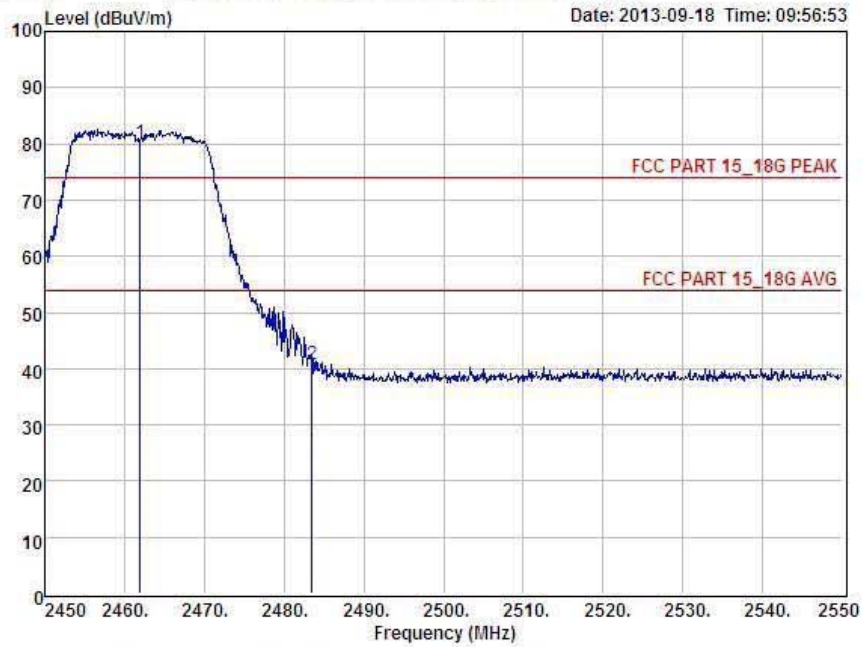


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT20 CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	85.64	27.59	34.97	3.98	82.24	74.00	8.24	Peak
2	2483.50	43.24	27.59	34.97	4.00	39.86	74.00	-34.14	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



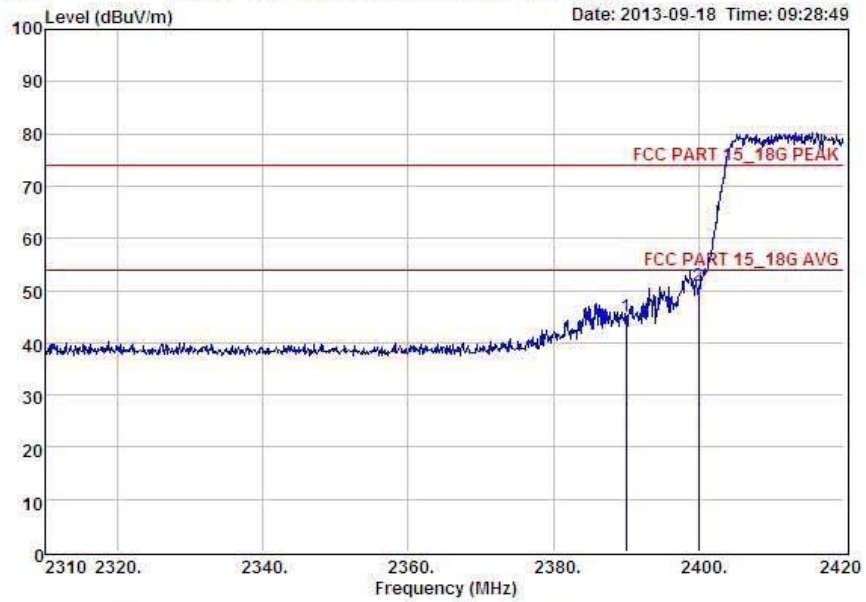
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT20 CH High: 2462MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2462.00	63.69	27.59	34.97	3.98	60.29	74.00	6.29	Peak
2	2483.50	44.21	27.59	34.97	4.00	40.83	74.00	-33.17	Peak

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

IEEE 802.11n/HT40:
CH LOW :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

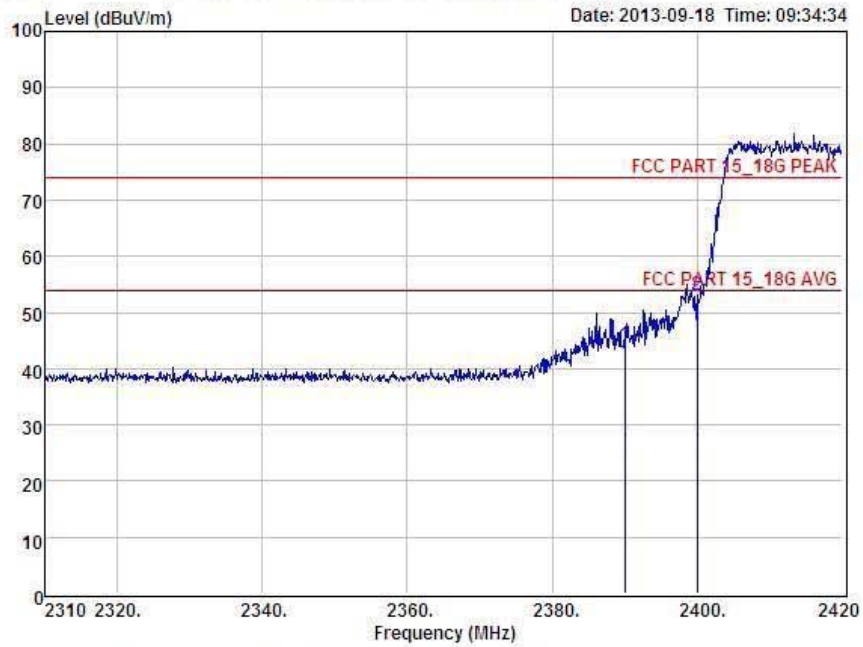


Condition : FCC PART 15_18G PEAK 3m POL: HORIZONTAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT40 CH Low: 2422MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	48.56	27.62	34.97	3.92	45.13	74.00	-28.87	Peak
2	2400.00	54.38	27.62	34.97	3.94	50.97	74.00	-23.03	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



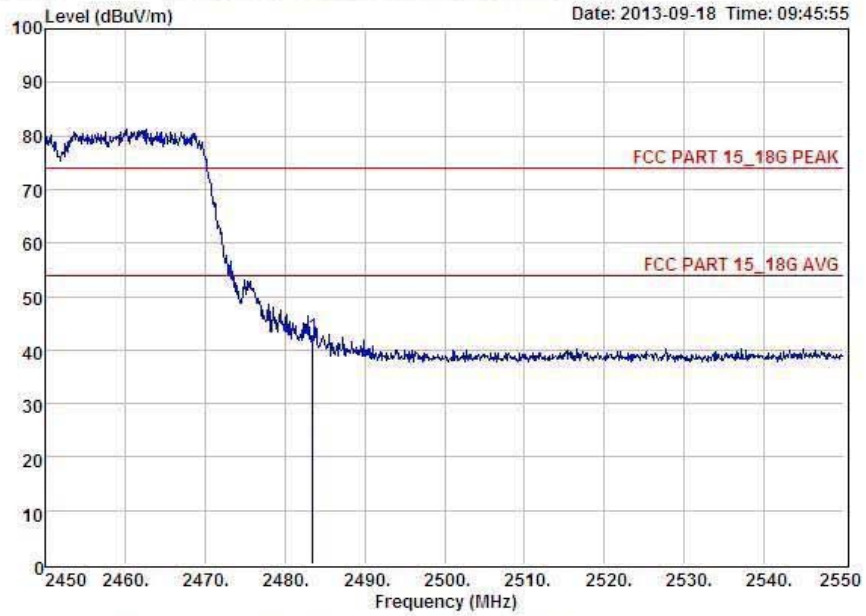
Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT40 CH Low: 2422MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	47.77	27.62	34.97	3.92	44.34	74.00	-29.66	Peak
2	2400.00	56.38	27.62	34.97	3.94	52.97	74.00	-21.03	Peak

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

CH High :

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com

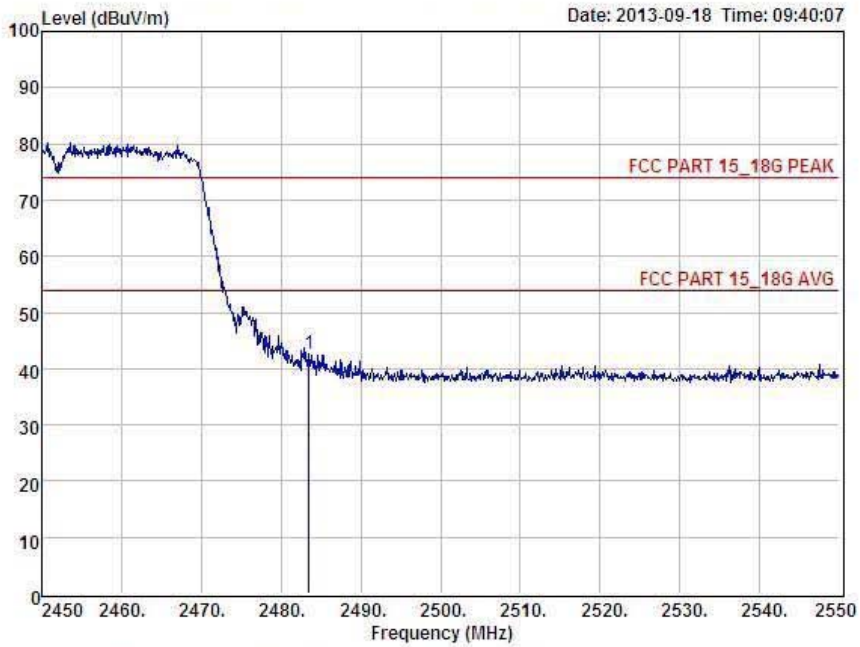



```
Condition      : FCC PART 15_18G PEAK 3m       POL: HORIZONTAL
EUT            : Tablet pc
Model No       : CPITP101
Test Mode      : IEEE.802.n/HT40 CH High: 2452MHz
Power          : DC 5V Supply by  AC 120V/60Hz adapter
Test Engineer  : Anna
Remark         :
Temp           :
Hum            :
```

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2483.50	46.11	27.59	34.97	4.00	42.73	74.00	-31.27	Peak

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

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 FAX: +86-755-26736857
Website: http://www.cessz.com Email: Service@cessz.com



Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT : Tablet pc
Model No : CPITP101
Test Mode : IEEE.802.n/HT40 CH High: 2452MHz
Power : DC 5V Supply by AC 120V/60Hz adapter
Test Engineer : Anna
Remark :
Temp :
Hum :

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2483.50	46.07	27.59	34.97	4.00	42.69	74.00	-31.31	Peak

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

11 Antenna Requirement

11.1 Standard Requirement

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

11.2 Antenna Connected Construction

The directional gains of antenna used for transmitting is 2 dBi, and the antenna connector is de-signed with permanent attachment and no consideration of replacement. Please see EUT photo for details.

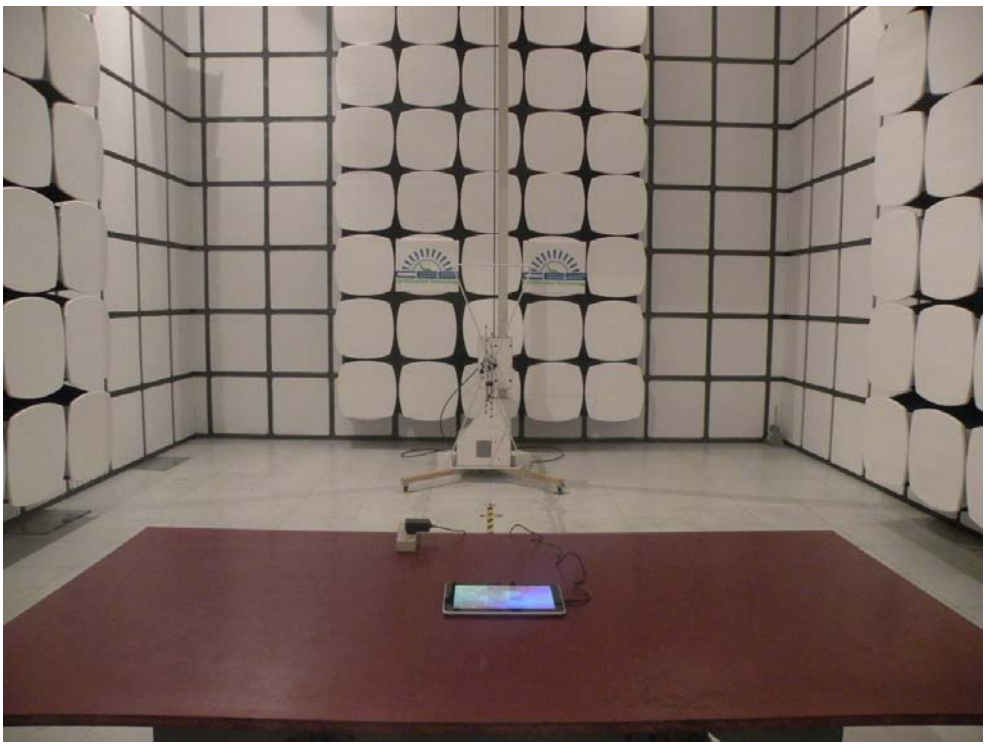
11.3 Result

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

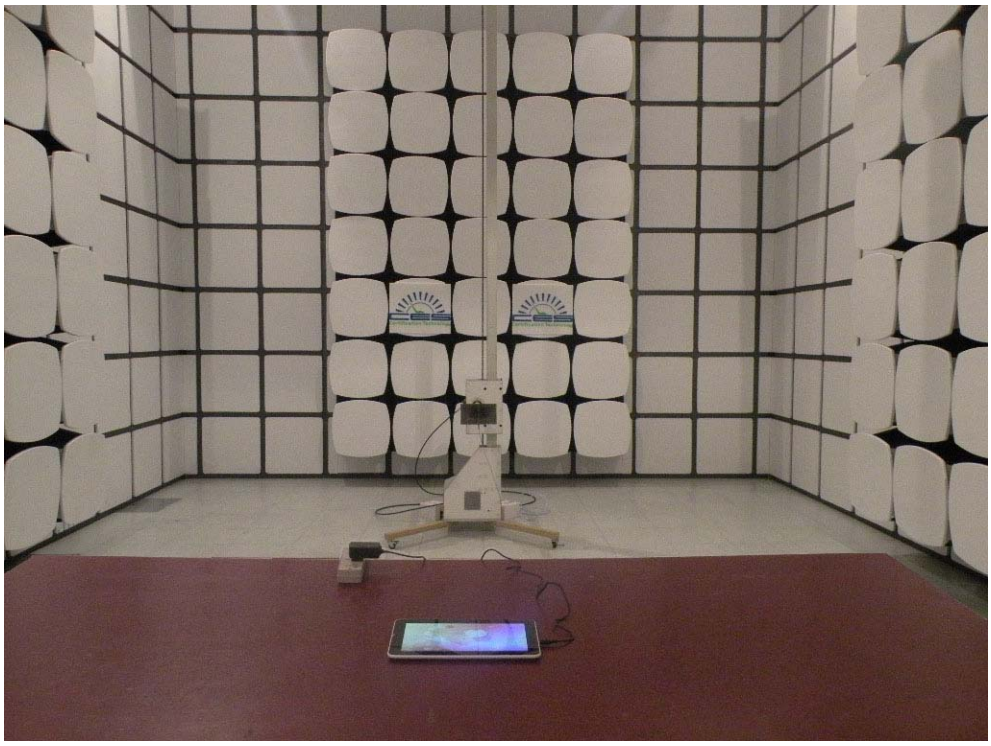
12 Photographs of Test Setup

Photographs-Radiated Emission Test Setup in Chamber

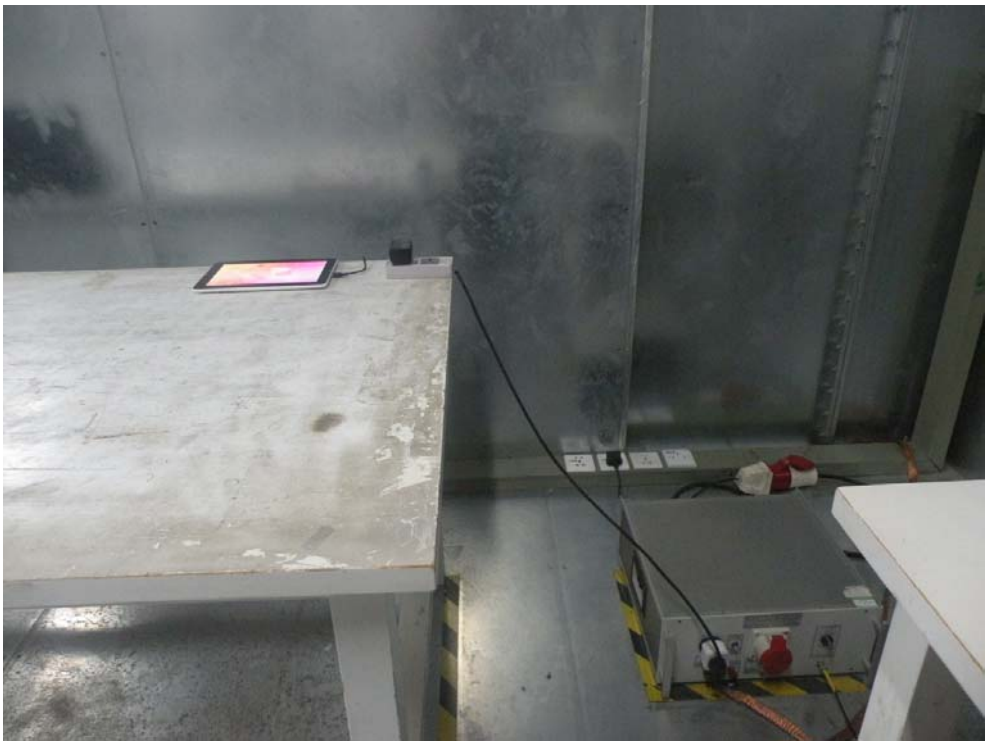
Below 1G



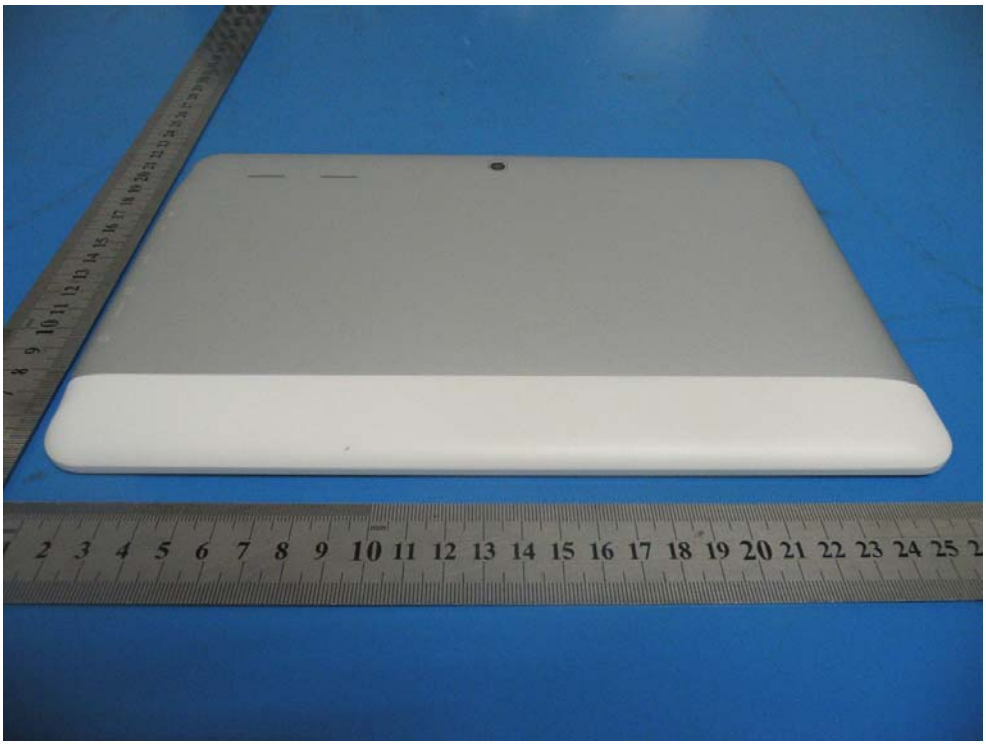
Above 1G

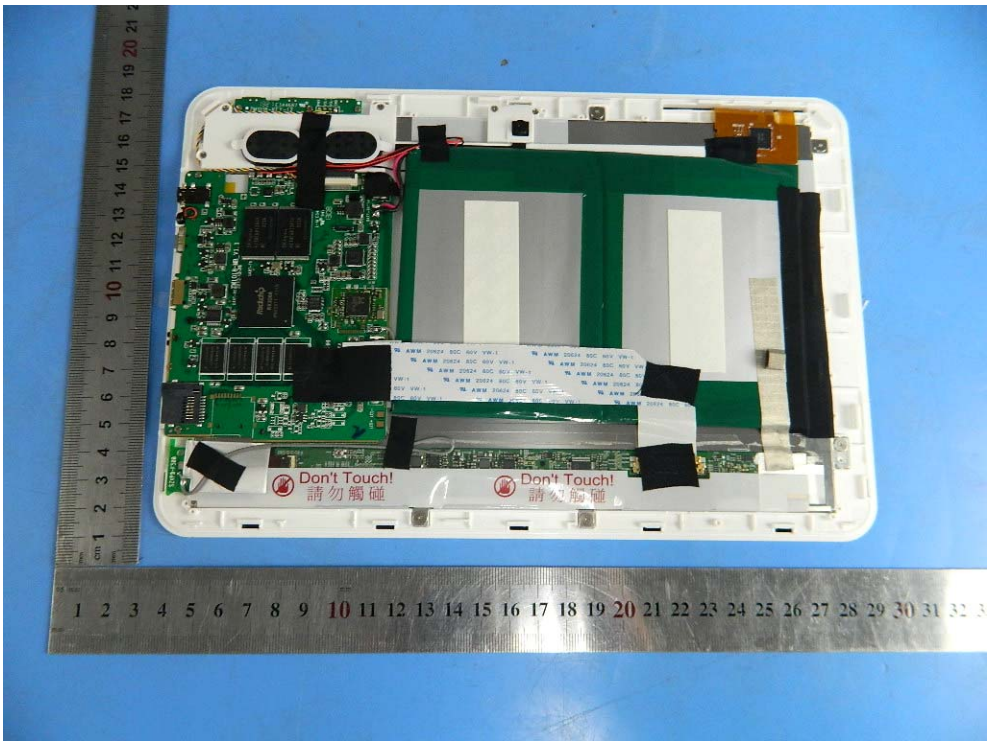


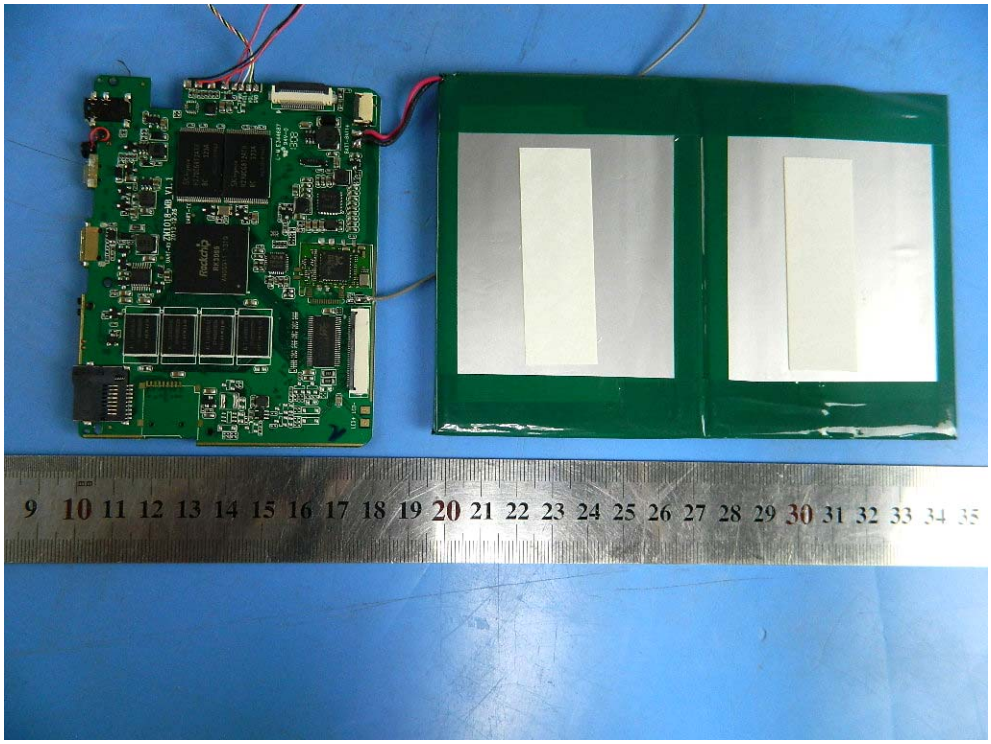
Photographs-Conducted Emission Test Setup

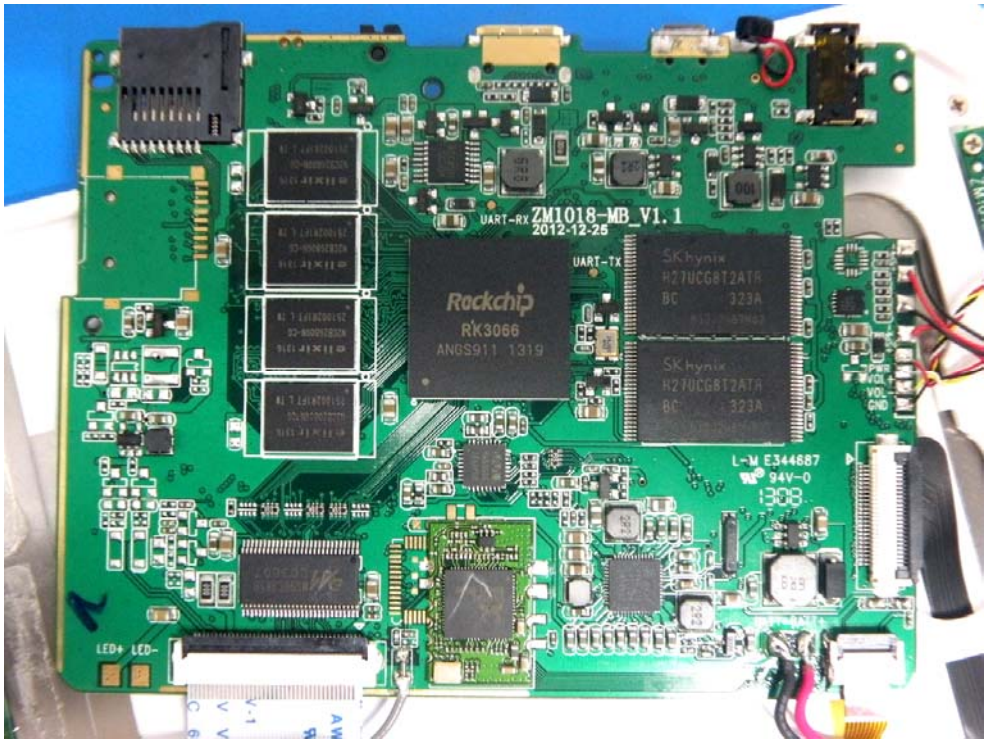


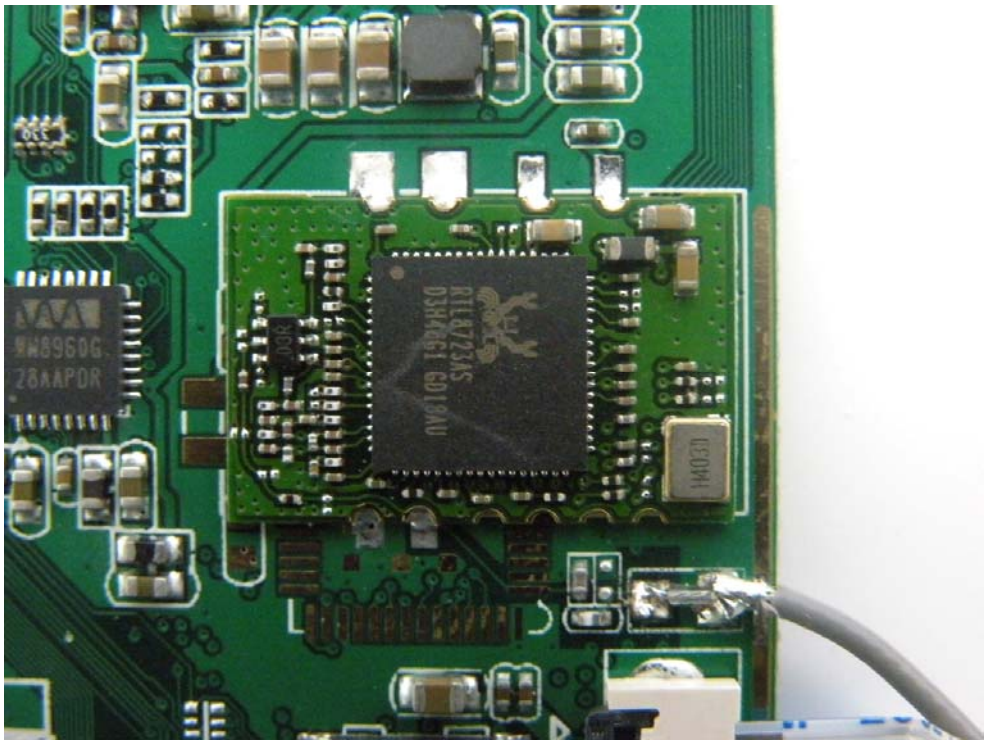
13 Photographs of EUT

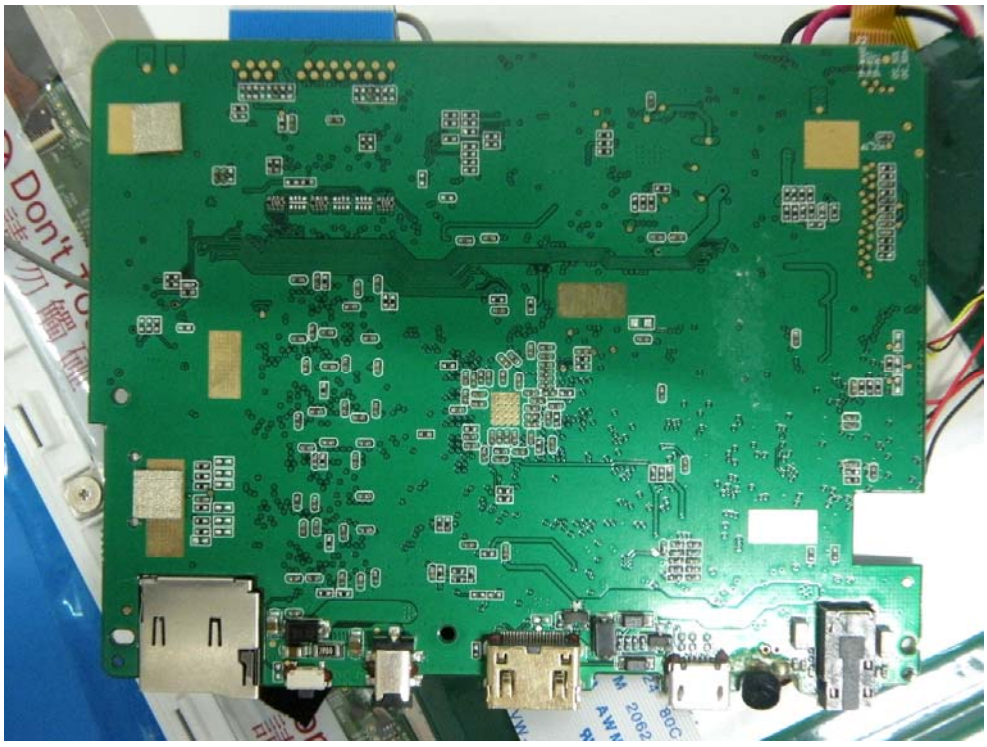


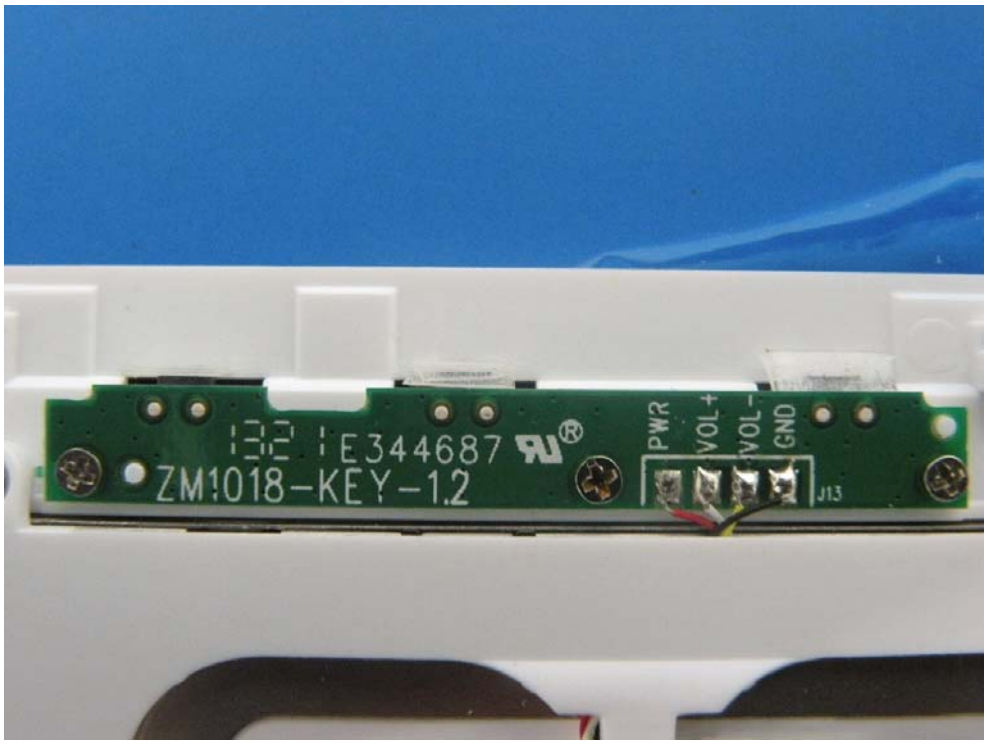

Don't Touch!
請勿觸碰
Don't Touch!
請勿觸碰

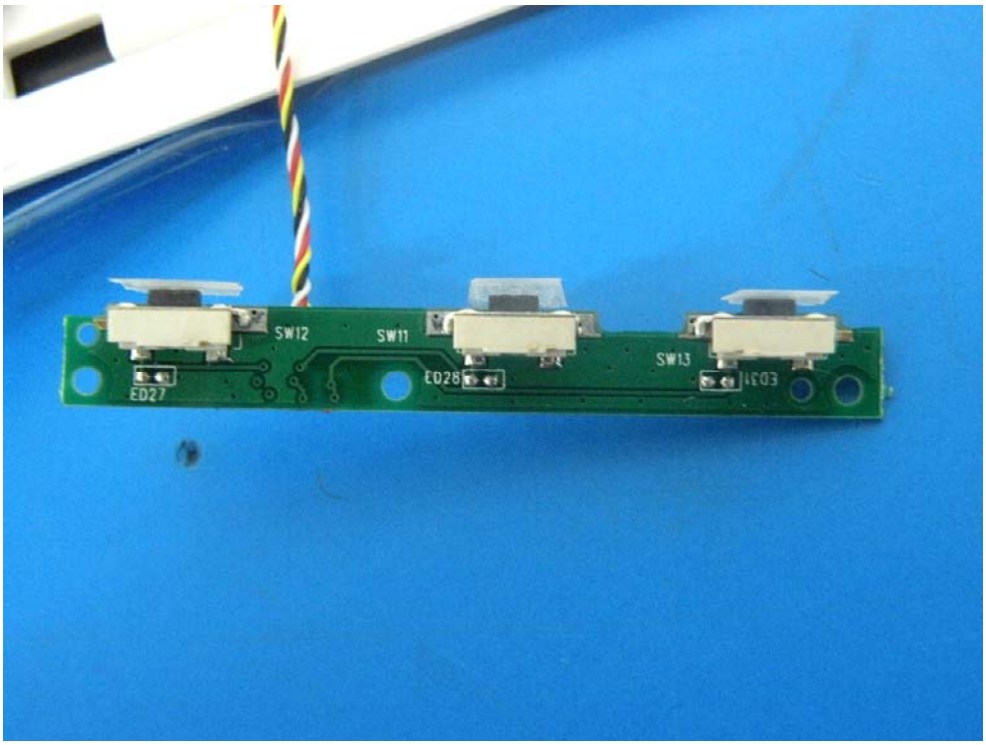


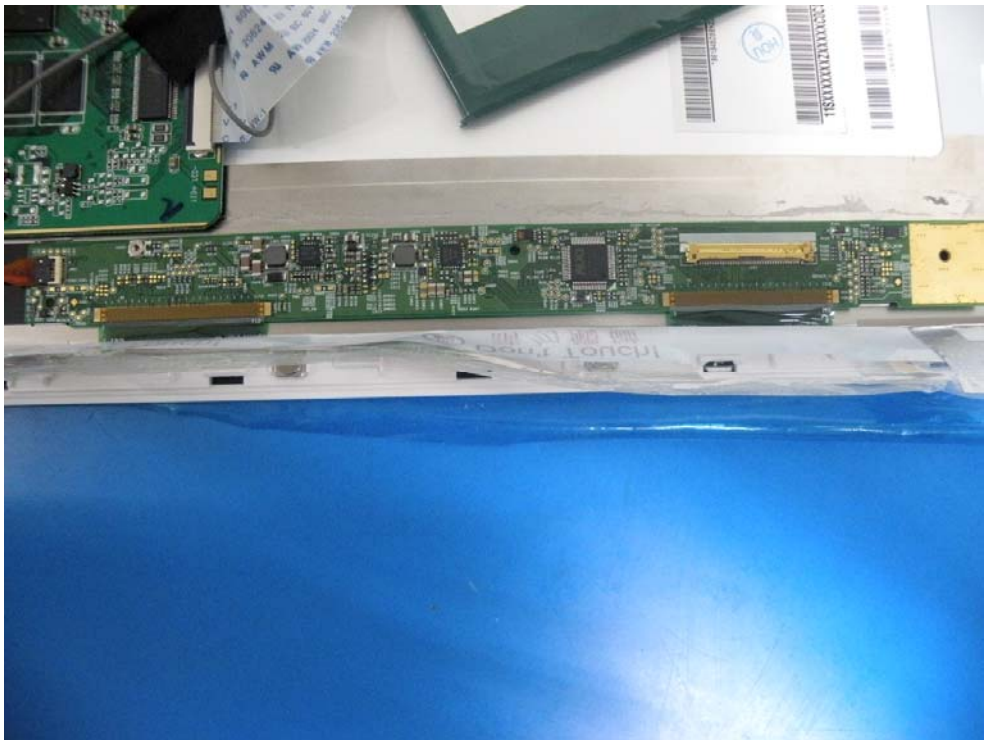

ZM1018-MB_V1.1
2012-12-25
UART-RX
UART-TX
Rockchip
RK3066
SKhynix
SKhynix
LED+ LED-

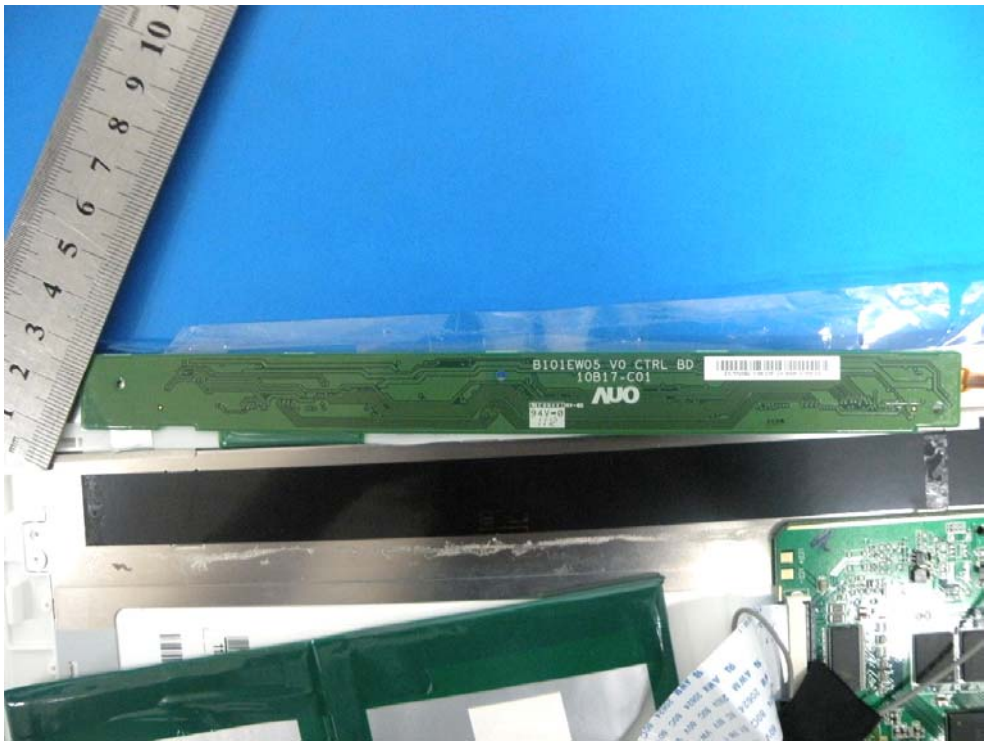

RTL8723AS
D3H4961 GD18AU
WM8960G
28AAPDR




E344687
ZM1018-KEY-1.2
PWR
VOL+
VOL-
GND
J13


SW12
SW11
SW13
ED27
ED28




B101EW05 V0 CTRL BD
10B17-C01
AUO

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