FCC Test Report

Client Information:

Applicant:	Proexpress Distributor LLC
Applicant add.:	11011 GREENWOOD AVE.N APT 5,SEATTLE,WA 98103

Product Information:

Product Name:	Tablet PC
Model No.:	I10X
Derivative model No.:	I10X HYBRID, I10X PRO, I10X PLUS, V100X, W100X, V100X HYBRID, V100 HYBRID
Brand Name:	Dragon Touch, KINGPAD, KINGSLIM, AKASO

Applied Standard: FCC Part 15 Subpart B: 2015

Prepared By:

Dongguan Yaxu (AiT) Technology Limited

Add. : No.22, Jinqianling Third Street, Jitigang, Huangjiang, Dongguan, Guangdong, China

Date of Receipt:	Dec. 02, 2015	Date of Test:	Dec. 02~Dec.18, 2015
Date of Issue:	Dec. 22, 2015	Test Result:	Pass

This device described above has been tested by Dongguan Yaxu (AiT) Technology Limited, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Reviewed by: Seal-Chen **Approved by:**

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2 Test Summary

Test	Test Requirement	Test Method	Criterion	Result
Mains Terminals Disturbance Voltage, 150kHz to 30MHz	FCC Part 15 Subpart B: 2015	ANSI C63.4: 2009	Limits	PASS
Radiated Emissions 30MHz to 1GHz	FCC Part 15 Subpart B: 2015	ANSI C63.4: 2009	Limits	PASS
Radiated Emissions 1G Hz to 18GHz	FCC Part 15 Subpart B: 2015	ANSI C63.4: 2009	Limits	PASS

2.1 Measurement Uncertainty

The report uncertainty of measurement **y** ± **U**, where expended uncertainty **U** is based on a standard uncertainty Multiplied by a coverage factor of **k=2** , providing a level of confidence of approximately 95% .

No.	Item	Frequency Range	U , Value
1	Power Line Conducted Emission	150KHz~30MHz	1.20 dB
2	Radiated Emission Test	30MHz~1GHz	3.30 dB
3	Radiated Emission Test	1GHz~18GHz	3.30 dB

3 Test Facility

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

.CNAS- Registration No: L6177

Dongguan Yaxu (AiT) technology Limited is accredited to ISO/IEC 17025:2005 general Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the competence of testing and calibration laboratories) on Apr. 18, 2013

.FCC- Registration No: 248337

The 3m Semi-Anechoic Chamber, 3m/10m Open Area Test Site and Shielding Room of Dongguan Yaxu (AiT) Technology Limited have been registered by Federal Communications Commission (FCC) on Aug.29, 2014.

.Industry Canada(IC)-Registration No: IC6819A-1

The 3m Semi-Anechoic Chamber and 3m/10m Open Area Test Site of Dongguan Yaxu (AiT) Technology Limited have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing on Oct. 12, 2014.

.VCCI- Registration No: 2705

The 3m/10m Open Area Test Site, Shielding Room and 3m Chamber of Dongguan Yaxu (AiT) Technology Limited have been registered by Voluntary Control Council for Interference on Nov. 21, 2012. The Telecommunication Ports Conducted Disturbance Measurement of Dongguan Yaxu (AiT) Technology Limited have been registered by Voluntary Control Council for Interference on July. 13, 2013.

3.1 Deviation from standard

None

3.2 Abnormalities from standard conditions

None

4 General Information

4.1 General Description of EUT

Manufacturer:	Proexpress Distributor LLC
Manufacturer Address:	11011 GREENWOOD AVE.N APT 5,SEATTLE,WA 98103
EUT Name:	Tablet PC
Model No:	I10X
Brand Name:	Dragon Touch, KINGPAD, KINGSLIM, AKASO
Derivative model No.:	I10X HYBRID, I10X PRO, I10X PLUS, V100X, W100X, V100X HYBRID, V100 HYBRID
Highest operating frequency:	1.33 GHz
Power Supply Range:	DC 5V from adapter, AC 120V/60Hz for adapter or DC 3.7V from battery
Test Power Supply:	DC 5V from adapter, AC 120V/60Hz for adapter or DC 3.7V from battery
Power Cord:	1.2 m x 2 wires unscreened DC cable
Signal Cable:	N/A
Model description:	According to the confirmation from the applicant, since the electrical circuit design, layout, components used and internal wiring were identical for the above items, only difference is the appearance and model name. Therefore only one model **I10X** was tested in this report.

4.2 Test Location

All tests were performed at:

Dongguan Yaxu (AiT) Technology Limited
No.22, Jinqianling Third Street, Jitigang, Huangjiang,Dongguan, Guangdong, China
Tel.: +86.769.82020499 Fax.: +86.769.82020495

4.3 Description of Test setup

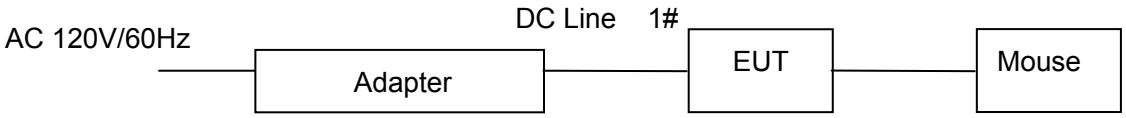
4.3.1 EUT Test Mode

Mode 1	The EUT is in recording by camera with charging mode.
Mode 2	The EUT is running basic/ essential programs with charging mode.
Mode 3	The EUT is in playing by HDMI with charging mode.
Mode 4	The EUT is in data transmission mode.

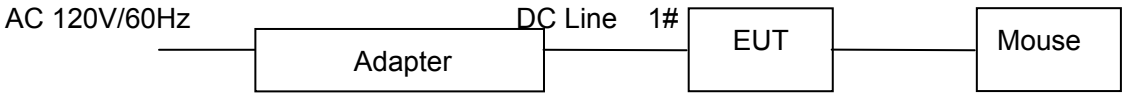
EUT was tested in normal configuration (Please See following Block diagram)

1. Block diagram of EUT configuration

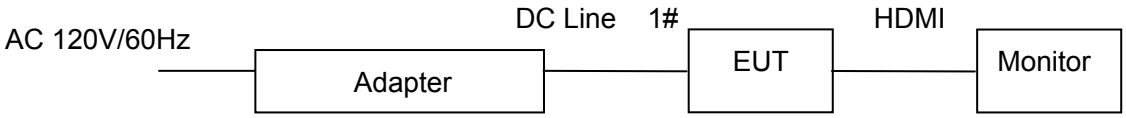
Mode 1:



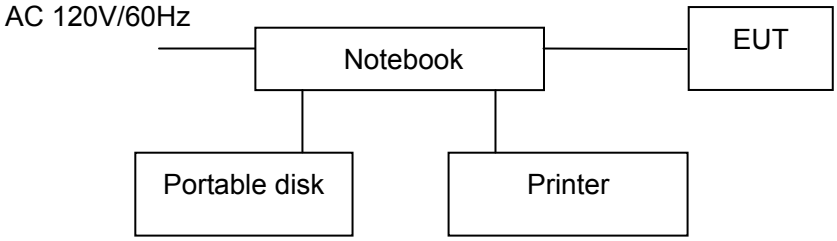
Mode 2:



Mode 3:



Mode 4:



4.4 EUT Peripheral List

No.	Equipment	Manufacturer	EMC Compliance	Model No.	Serial No.	Power cord	signal cable
1	Adapter	Shenzhen Wei Yi Tong Electronic Co., Ltd	FCC	WTA0502000USB2	N/A	1.2m/unshielded /undetectable	N/A

4.4 Test Peripheral List

No.	Equipment	Manufacturer	EMC Compliance	Model No.	Serial No.	Power cord	signal cable
1	Notebook	ASUA	FCC	X401A	N/A	N/A	N/A
2	Portable disk	ALUMINUM	FCC	3.5 HDD Storage Box	N/A	1.8m	1.2m
3	Printer	EPSON	FCC	STYLUSC45	N/A	1.8m	1.2m
4	HDMI Monitor	SONY	FCC	KDL-20S4000	1495334	1.5m/unshielded/ detachable	N/A
5	Mouse	Microsoft	FCC	4500	X809742-002	N/A	1.5m/unshielded

5 Equipments List for All Test Items

☒ Radiation Test Equipment						
No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date
1	EMI Measuring Receiver	R&S	ESR	101660	2015.06.29	2016.06.28
2	Low Noise Pre Amplifier	Tsj	MLA-10K01-B01-27	1205323	2015.06.29	2016.06.28
3	TRILOG Super Broadband test Antenna	SCHWARZBECK	VULB9160	9160-3206	2015.06.29	2016.06.28
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2015.06.29	2016.06.28
5	Spectrum Analyzer	ADVANTEST	R3182	150900201	2015.06.29	2016.06.28
6	Low Noise Pre Amplifier	Tsj	MLA-0120-A02-34	2648A04738	2015.06.29	2016.06.28
7	Broadband Horn Antenna	SCHWARZBECK	BBHA9120D	452	2015.06.29	2016.06.28
8	Radiated Cable 1#（30MHz-1GHz）	FUJIKURA	5D-2W	01	2015.01.04	2016.01.03
9	Radiated Cable 2# (1GHz -25GHz)	FUJIKURA	10D2W	02	2014.12.25	2015.12.24

☒ Conduction Test equipment						
No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date
1	EMI Test Receiver	R&S	ESCI	100124	2015.06.29	2016.06.28
2	LISN	Kyoritsu	KNW-242	8-837-4	2015.06.29	2016.06.28
3	LISN	Kyoritsu	KNW-407	8-1789-3	2015.06.29	2016.06.28
4	Pulse limiter	R&S	ESH3-Z2	0357.8810.54	2015.06.29	2016.06.28
5	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2015.06.29	2016.06.28
6	Conducted Cable 1# (9KHz-30MHz)	FUJIKURA	1D-2W	01	2015.01.04	2016.01.03

Note:

1. ☐ is not applicable in this Test Report. ☒ is applicable in this Test Report.

6 Emission Test Results

6.1 Mains Terminals Disturbance Voltage Measurement

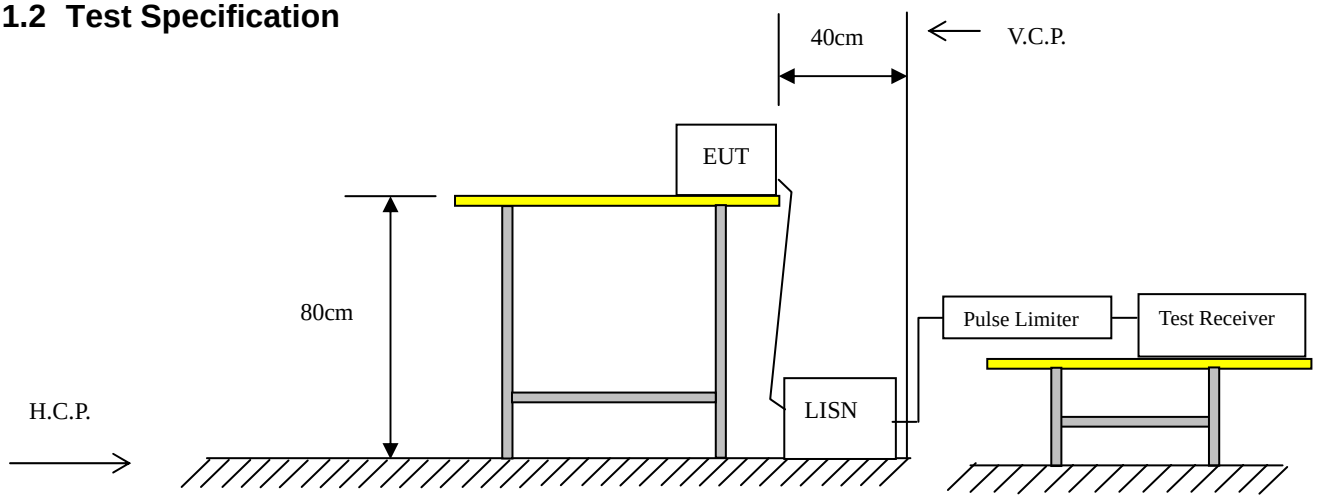
Frequency (MHz)	☐ Class A (dBμV)		☒ Class B (dBμV)	
	Q.P. (Quasi-Peak)	A.V. (Average)	Q.P. (Quasi-Peak)	A.V. (Average)
0.15 ~ 0.50	79	66	66 to 56	56 to 46
0.50 ~ 5.0	73	60	56	46
5.0 ~ 30	73	60	60	50

Detector:	Peak for pre-scan (9kHz Resolution Bandwidth) Quasi-Peak & Average if maximized peak within 6dB of Average Limit

6.1.1 E.U.T. Operation

Temperature:	25°C	Humidity:	54% RH	Atmospheric Pressure:	101	Kpa
Test Mode:	Mode 1/ Mode 2/ Mode 3 /Mode 4					

6.1.2 Test Specification



EUT was placed upon a wooden test table 0.8m above the horizontal metal reference plane and 0.4m from the vertical ground plane, and it was connected to an AMN. The closest distance between the boundary of the EUT and the surface of the AMN is 0.8m. All peripherals were connected to another AMN, and placed at a distance of 10cm from each other. A spectrum and receiver was connected to the RF output port of the AMN. Both average and quasi-peak value were detected.

6.1.3 Measurement Data

An initial pre-scan was performed on the live and neutral lines.

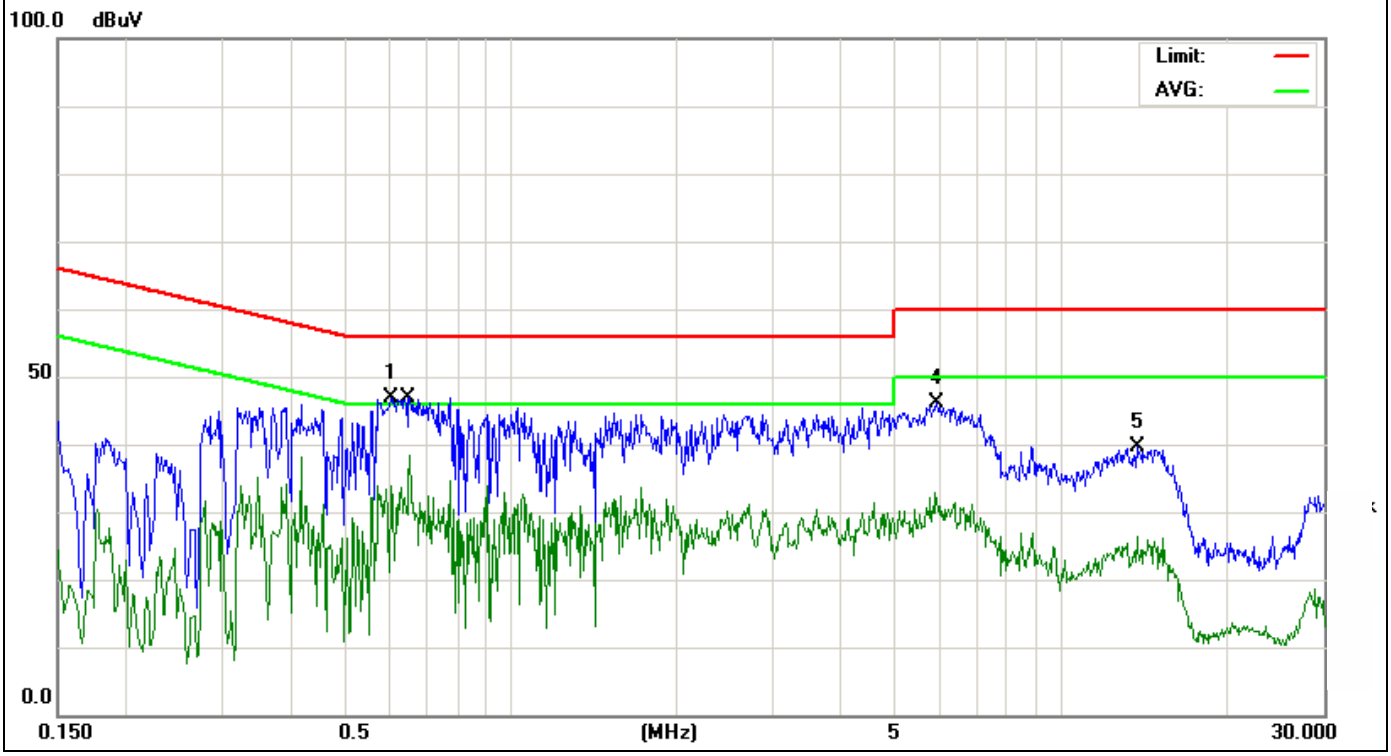
Quasi-peak or average measurements were performed at the frequency which maximum peak emissions were detected.

Please refer to the attached quasi-peak & average measurement data for reference.

Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 1	Phase :	Line
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.6058	37.01	9.99	47.00	56.00	-9.00	Quasi-Peak
0.6542	28.45	9.99	38.44	46.00	-7.56	Average
5.9419	36.13	10.12	46.25	60.00	-13.75	Quasi-Peak
5.9179	22.67	10.12	32.79	50.00	-17.21	Average
13.7179	38.28	1.37	39.65	60.00	-20.35	Quasi-Peak
13.7179	25.08	1.37	26.45	50.00	-23.55	Average

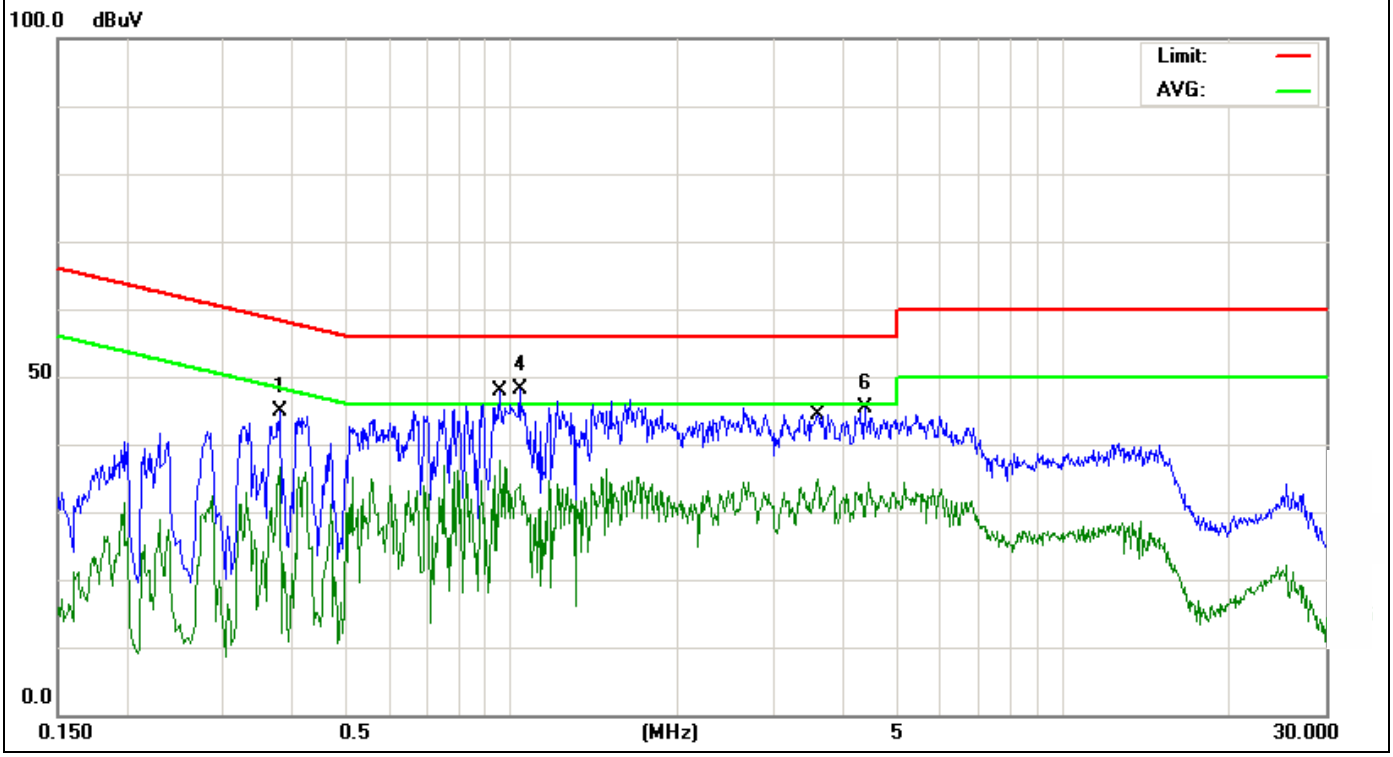
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 1	Phase :	Neutral
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.3790	34.76	10.14	44.90	58.30	-13.40	Quasi-Peak
0.3790	26.45	10.14	36.59	48.30	-11.71	Average
1.0339	38.26	9.94	48.20	56.00	-7.80	Quasi-Peak
0.9576	27.75	9.94	37.69	46.00	-8.31	Average
4.3738	35.31	10.08	45.39	56.00	-10.61	Quasi-Peak
3.6019	24.91	10.04	34.95	46.00	-11.05	Average

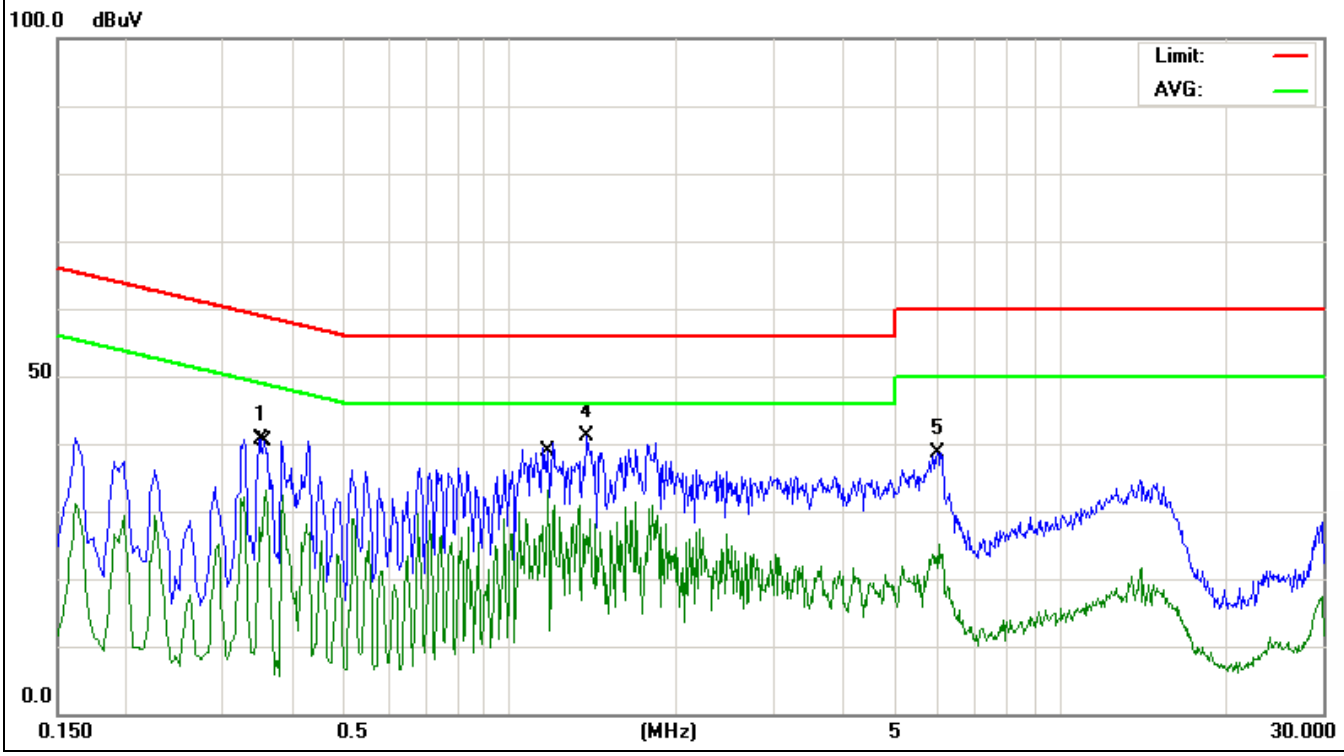
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2	Phase :	Line
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.3502	30.62	10.13	40.75	58.96	-18.21	Quasi-Peak
0.3580	22.99	10.12	33.11	48.77	-15.66	Average
1.3779	31.17	9.93	41.10	56.00	-14.90	Quasi-Peak
1.1700	23.22	9.91	33.13	46.00	-12.87	Average
5.9780	28.69	10.06	38.75	60.00	-21.25	Quasi-Peak
6.0060	15.06	10.06	25.12	50.00	-24.88	Average

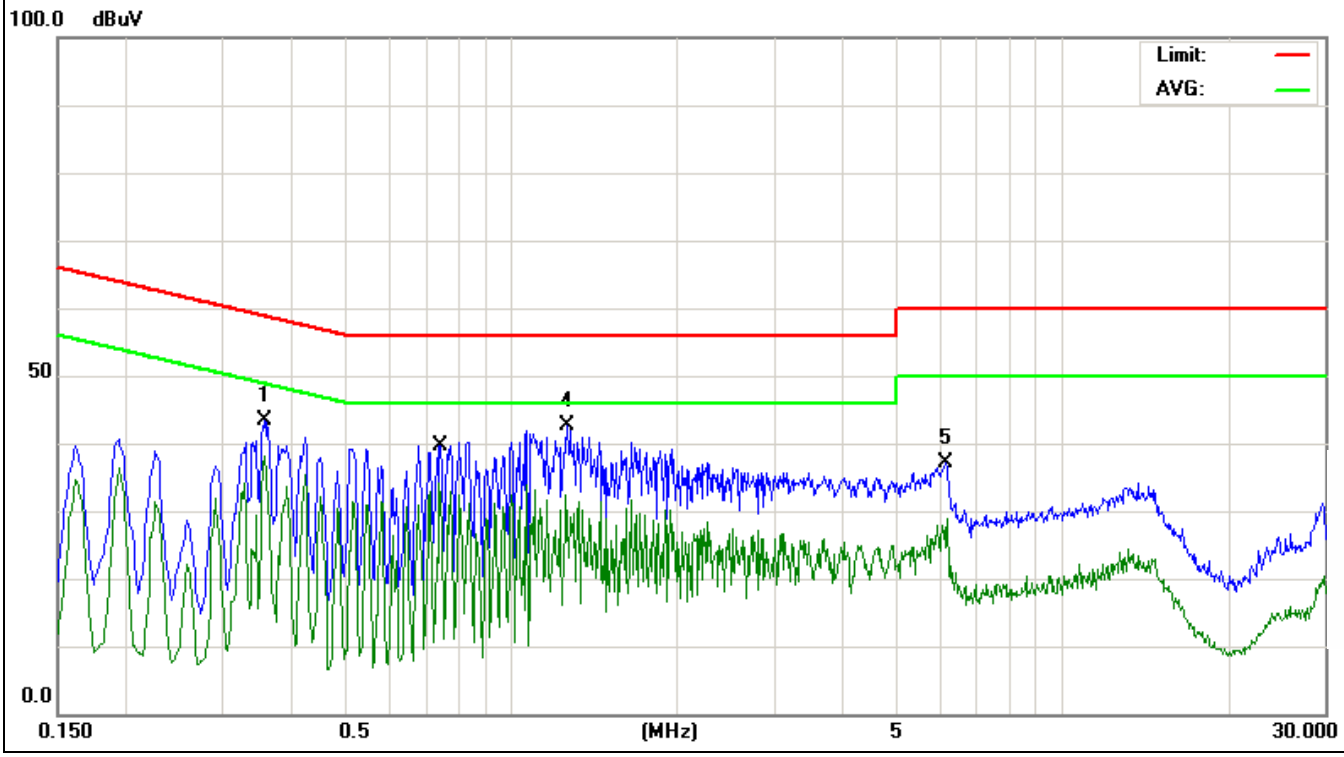
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2	Phase :	Neutral
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.3558	33.37	10.13	43.50	58.82	-15.32	Quasi-Peak
0.3558	28.05	10.13	38.18	48.82	-10.64	Average
1.2660	32.83	9.92	42.75	56.00	-13.25	Quasi-Peak
0.7420	24.22	9.94	34.16	46.00	-11.84	Average
6.1820	27.18	10.07	37.25	60.00	-22.75	Quasi-Peak
6.1940	18.70	10.07	28.77	50.00	-21.23	Average

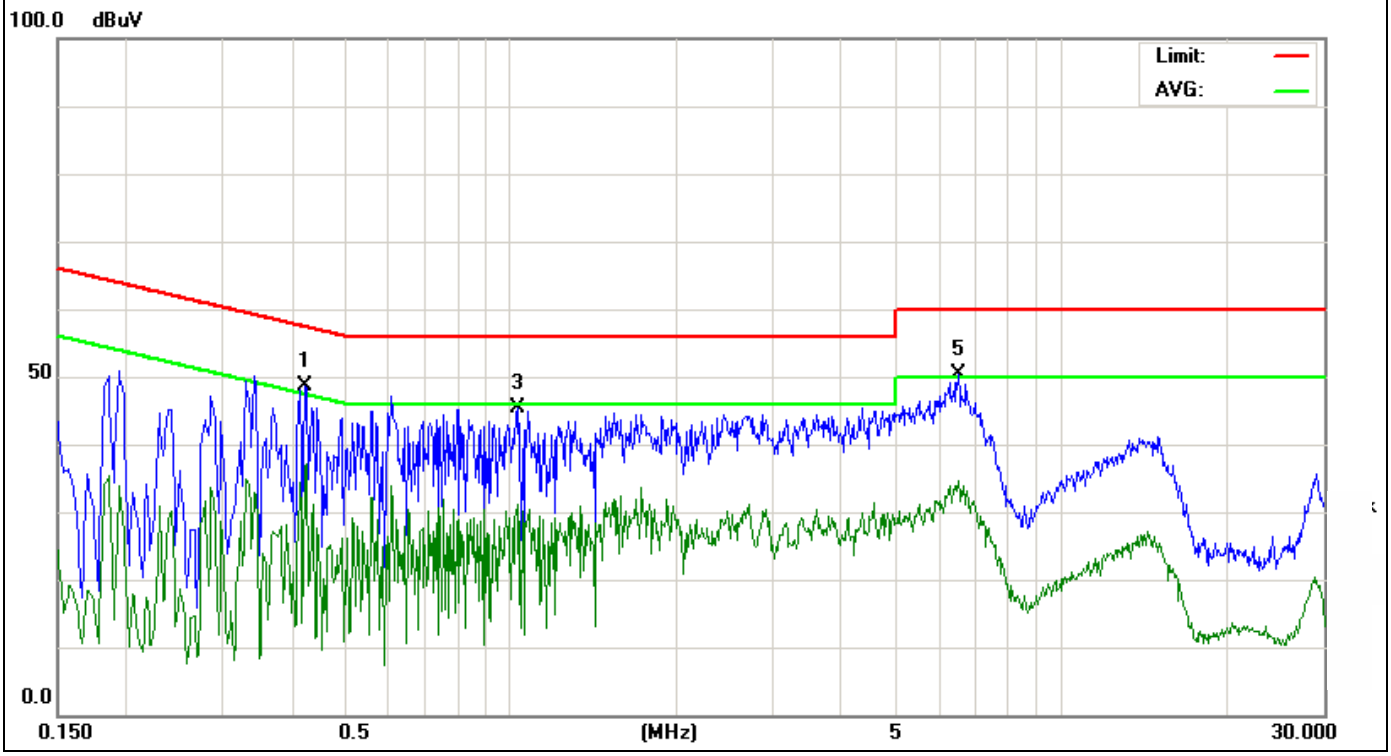
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 3	Phase :	Line
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.4220	38.47	10.11	48.58	57.41	-8.83	Quasi-Peak
0.4260	27.01	10.10	37.11	47.33	-10.22	Average
1.0300	35.32	9.94	45.26	56.00	-10.74	Quasi-Peak
1.0300	21.23	9.94	31.17	46.00	-14.83	Average
6.5220	40.14	10.15	50.29	60.00	-9.71	Quasi-Peak
6.5220	24.48	10.15	34.63	50.00	-15.37	Average

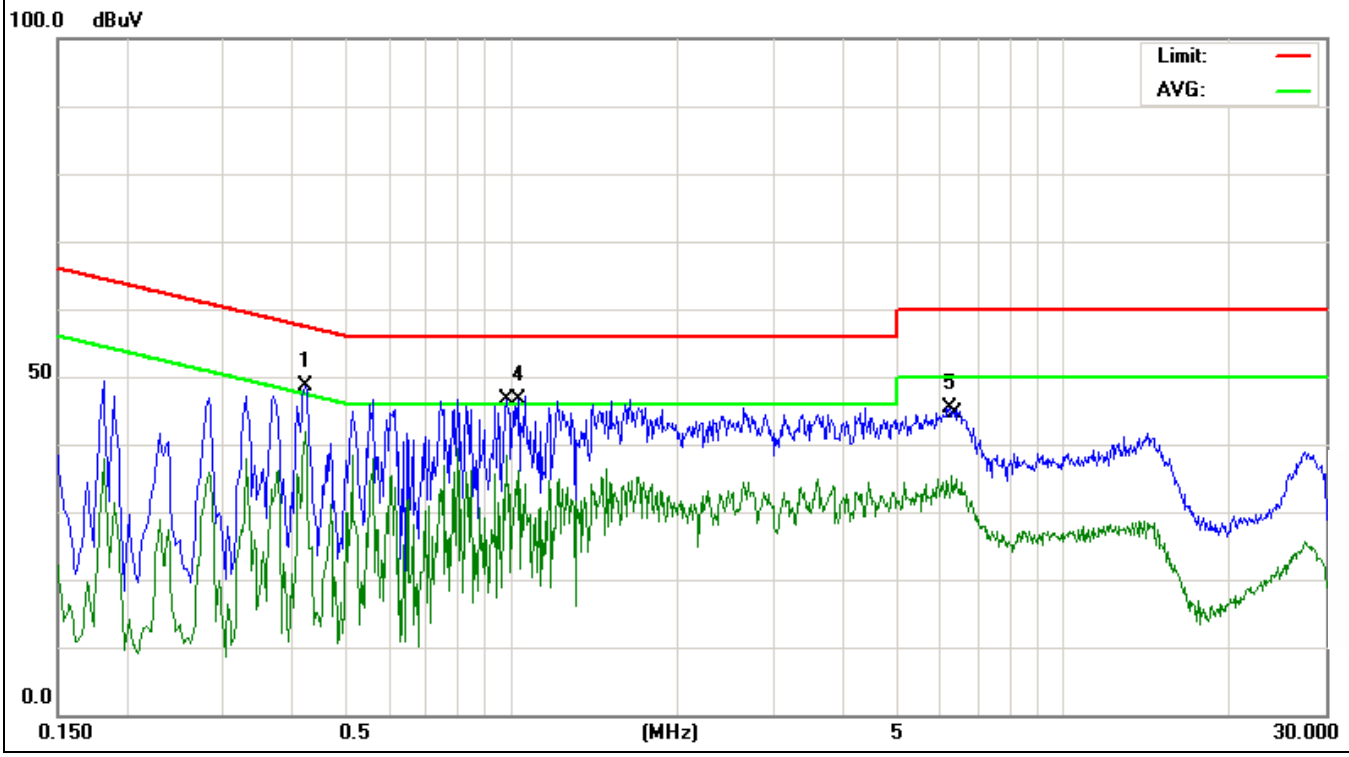
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 3	Phase :	Neutral
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.4220	38.58	10.11	48.69	57.41	-8.72	Quasi-Peak
0.4220	31.89	10.11	42.00	47.41	-5.41	Average
1.0300	36.78	9.94	46.72	56.00	-9.28	Quasi-Peak
0.9820	28.37	9.94	38.31	46.00	-7.69	Average
6.2380	35.27	10.13	45.40	60.00	-14.60	Quasi-Peak
6.3020	25.19	10.14	35.33	50.00	-14.67	Average

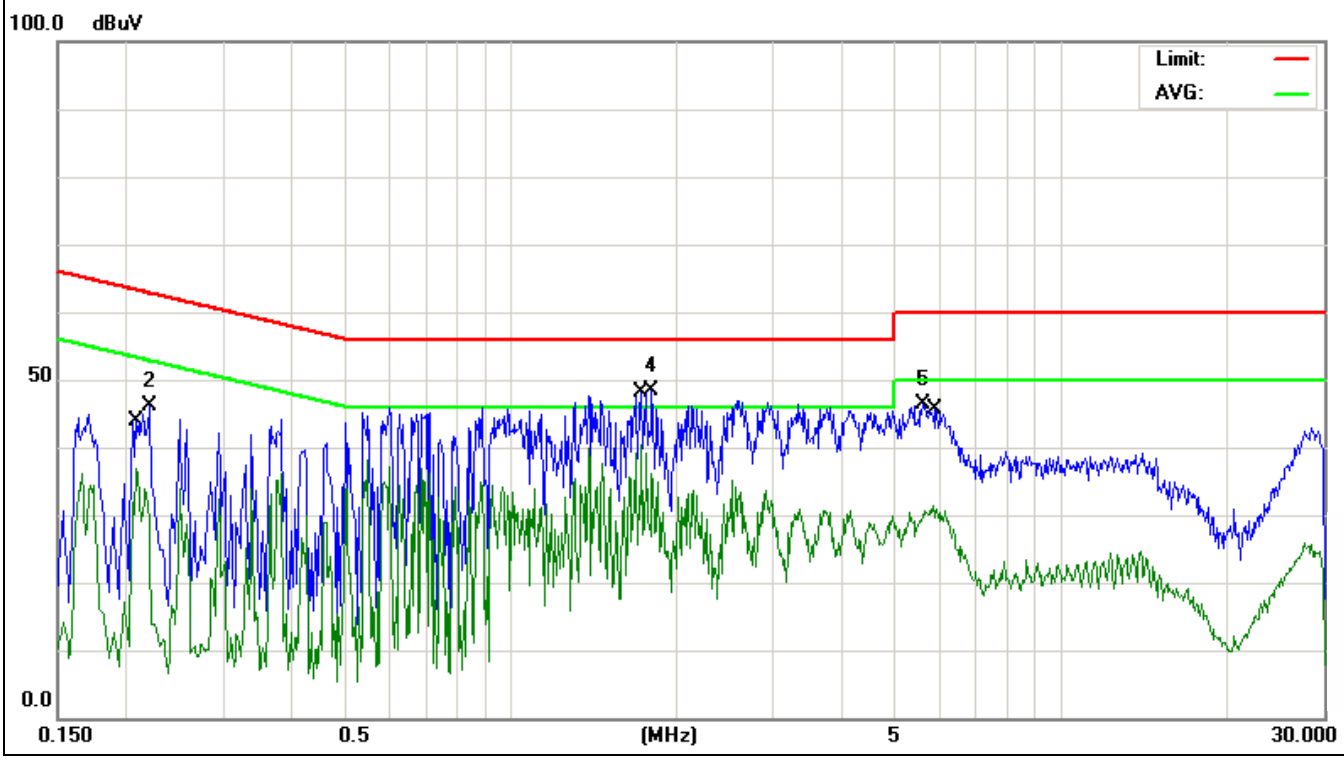
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 4	Phase :	Line
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.2083	25.75	11.08	36.83	53.27	-16.44	Quasi-Peak
0.2220	35.22	10.98	46.20	62.74	-16.54	Average
1.8060	38.31	9.98	48.29	56.00	-7.71	Quasi-Peak
1.7258	30.29	9.97	40.26	46.00	-5.74	Average
5.6177	36.31	10.12	46.43	60.00	-13.57	Quasi-Peak
5.8539	21.20	10.12	31.32	50.00	-18.68	Average

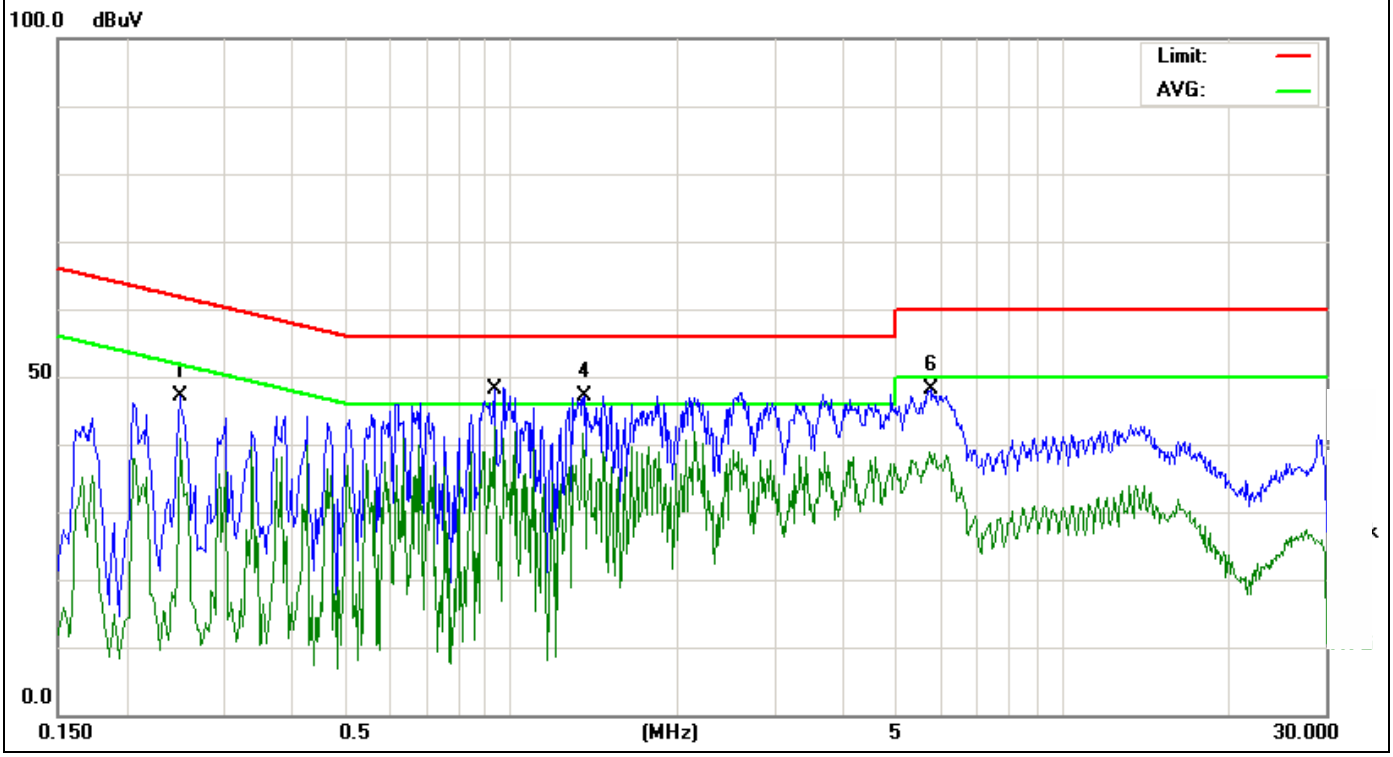
Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 4	Phase :	Neutral
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
0.2500	36.20	10.89	47.09	61.75	-14.66	Quasi-Peak
0.2500	29.97	10.89	40.86	51.75	-10.89	Average
1.3580	37.17	9.96	47.13	56.00	-8.87	Quasi-Peak
0.9300	32.78	9.93	42.71	46.00	-3.29	Average
5.7618	38.05	10.12	48.17	60.00	-11.83	Quasi-Peak
5.7339	28.70	10.12	38.82	50.00	-11.18	Average

Remark: Factor = LISN factor + Cable Loss + Pulse limiter factor.



6.1.4 Test Setup Photograph

Mode 2

6.2 Radiated Emission Measurement

Limits of Radiated Emission Measurement

Frequency (MHz)	☐ Class A (10m)	☒ Class B (3m)
	Quasi-Peak dB(μV/m)	Quasi-Peak dB(μV/m)
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Detector:	Peak for pre-scan (120kHz resolution bandwidth) Quasi-Peak if maximum peak within 6dB of limit

6.2.1 E.U.T. Operation

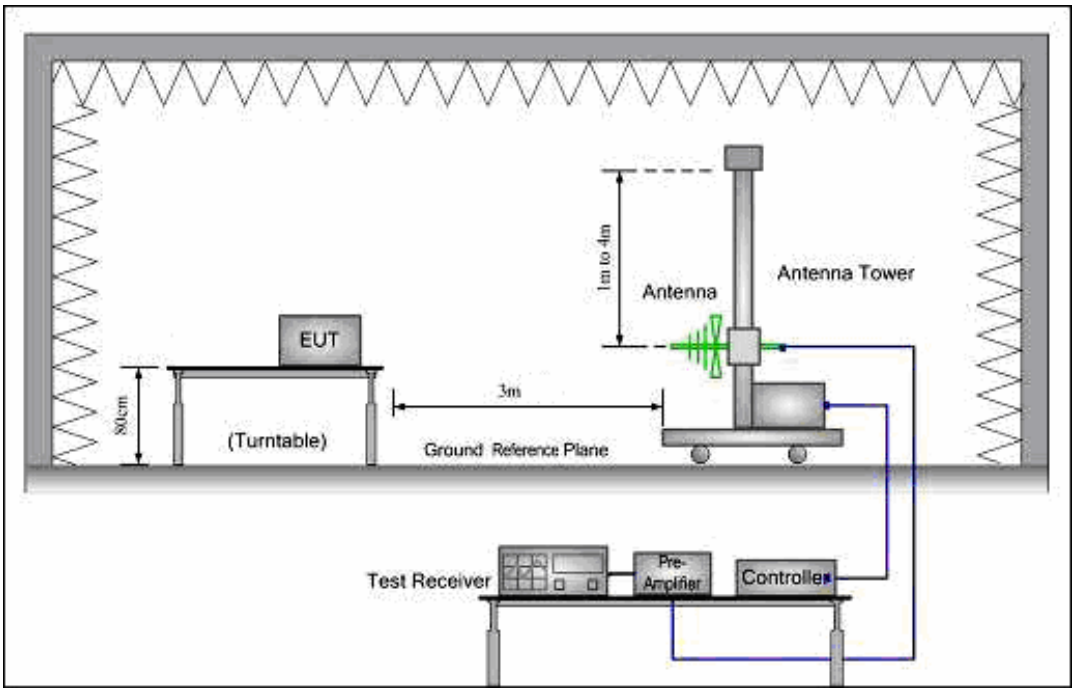
Temperature:	25°C	Humidity:	55% RH	Atmospheric Pressure:	101	Kpa
Test Mode:	Mode 1/ Mode 2/ Mode 3 /Mode 4					

6.2.2 Test Specification

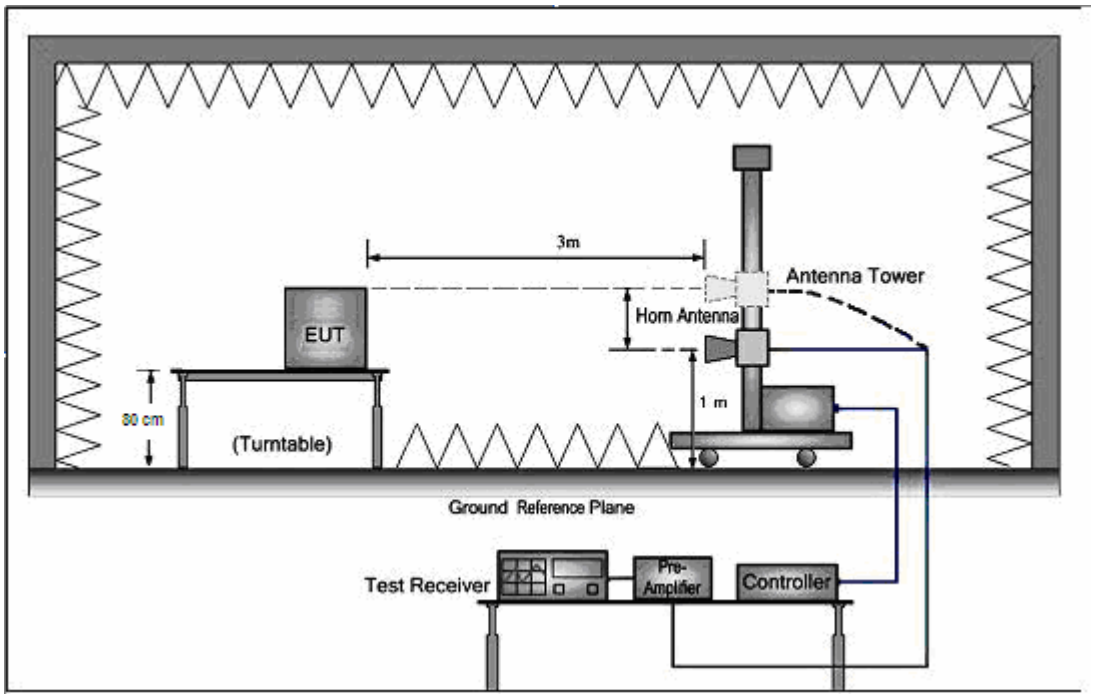
EUT was placed upon a wooden test table which was placed on the turn table 0.8m above the horizontal metal ground plane, and operating in the mode as mentioned above. A receiving antenna was placed 3m away from the EUT. During testing, turn around the turn table and move the antenna from 1m to 4m to find the maximum field-strength reading. All peripherals were placed at a distance of 10cm between each other. Both horizontal and ver.tical antenna polarities were tested.

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

30 MHz to 1 GHz emissions:



1 GHz to 18 GHz emissions:



6.2.3 Measurement Data

An initial pre-scan was performed in the 3m chamber using the spectrum analyzers in peak detection mode. The EUT was measured by Biology antenna with 2 orthogonal polarities and peak emissions from the EUT were detected within 6dB of the class B limit line.

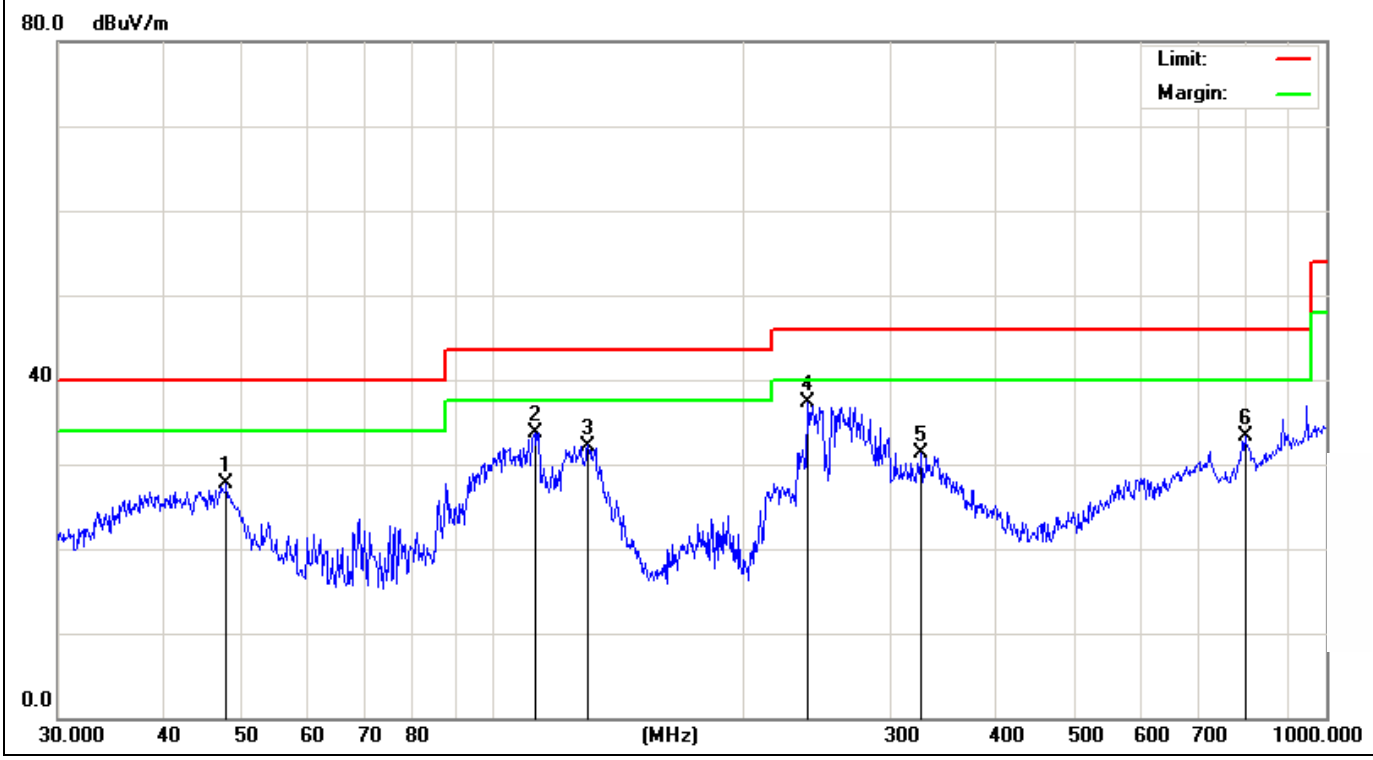
The following quasi-peak measurements were performed on the EUT.

.

Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 1	Phase :	Vertical
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
47.8260	45.94	-18.31	27.63	40.00	-12.37	Quasi-Peak
112.1304	47.52	-13.72	33.80	43.50	-9.70	Quasi-Peak
129.9225	47.13	-14.93	32.20	43.50	-11.30	Quasi-Peak
238.3102	49.12	-11.82	37.30	46.00	-8.70	Quasi-Peak
326.7395	40.04	-8.74	31.30	46.00	-14.70	Quasi-Peak
798.9796	29.89	3.44	33.33	46.00	-12.67	Quasi-Peak

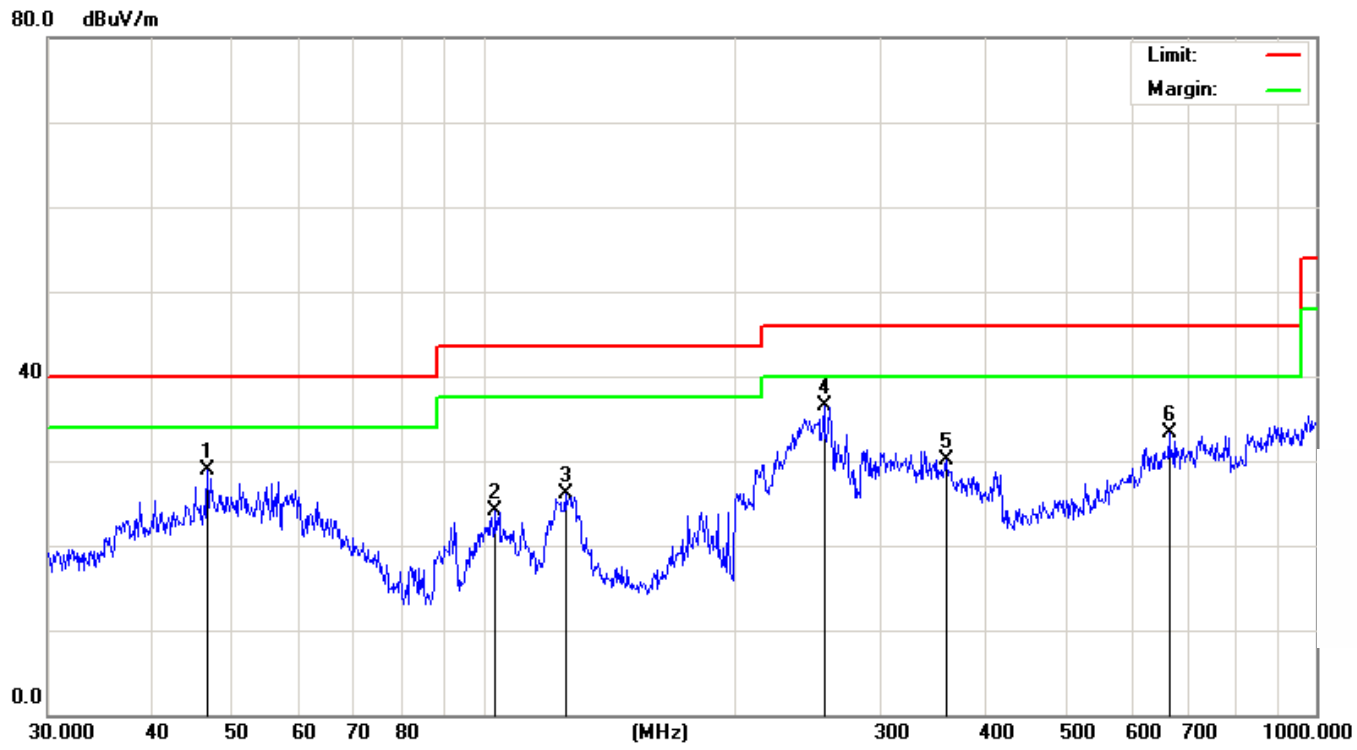
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 1	Phase :	Horizontal
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
46.6664	43.20	-14.30	28.90	40.00	-11.10	Quasi-Peak
103.4419	39.86	-15.69	24.17	43.50	-19.33	Quasi-Peak
125.4457	41.19	-15.12	26.07	43.50	-17.43	Quasi-Peak
256.5210	47.42	-10.92	36.50	46.00	-9.50	Quasi-Peak
359.1859	37.72	-7.62	30.10	46.00	-15.90	Quasi-Peak
665.8034	34.37	-1.07	33.30	46.00	-12.70	Quasi-Peak

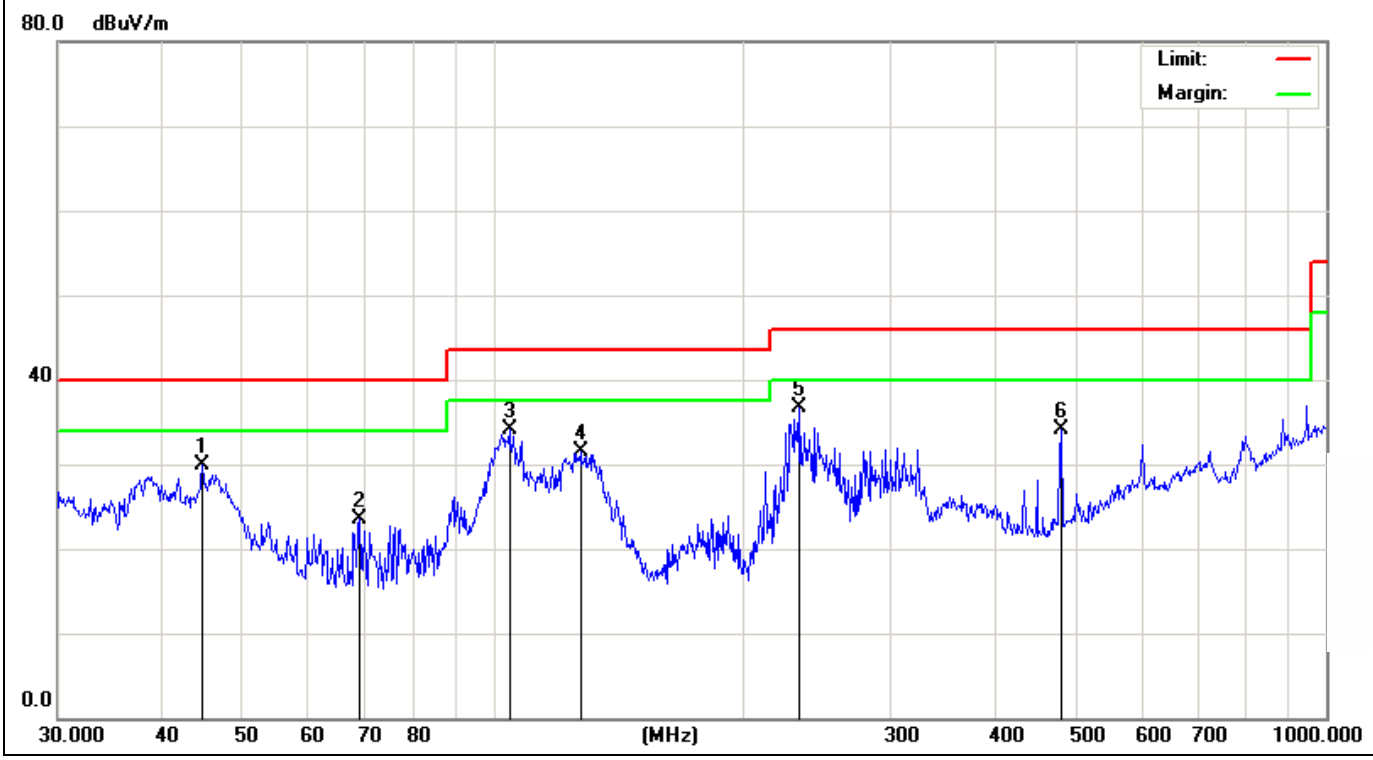
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2	Phase :	Vertical
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
44.7433	47.60	-17.74	29.86	40.00	-10.14	Quasi-Peak
69.1141	42.47	-19.04	23.43	40.00	-16.57	Quasi-Peak
104.5361	47.63	-13.59	34.04	43.50	-9.46	Quasi-Peak
127.2176	46.50	-15.06	31.44	43.50	-12.06	Quasi-Peak
233.3487	49.10	-12.37	36.73	46.00	-9.27	Quasi-Peak
480.5276	40.05	-5.90	34.15	46.00	-11.85	Quasi-Peak

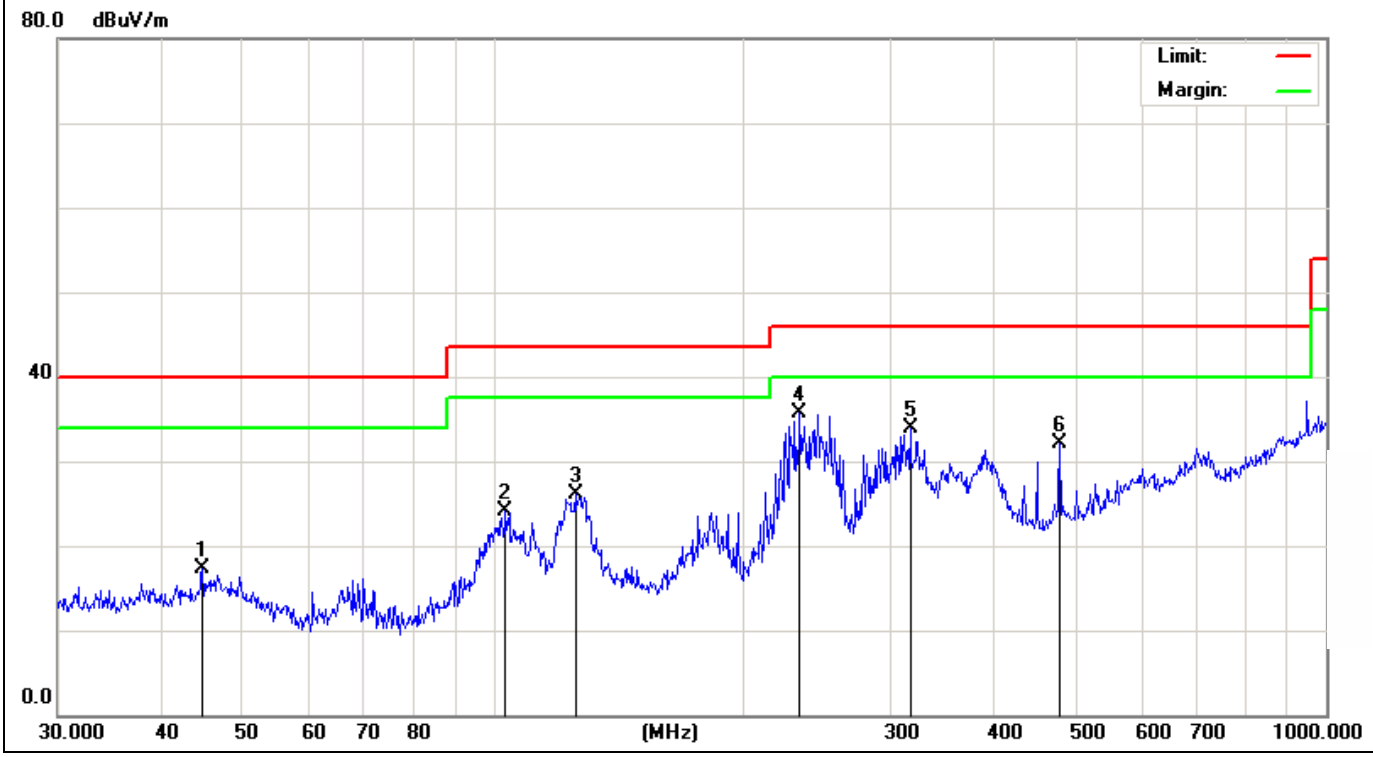
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2	Phase :	Horizontal
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
44.7433	31.80	-14.55	17.25	40.00	-22.75	Quasi-Peak
103.4421	39.86	-15.69	24.17	43.50	-19.33	Quasi-Peak
125.4457	41.19	-15.12	26.07	43.50	-17.43	Quasi-Peak
233.3487	48.08	-12.37	35.71	46.00	-10.29	Quasi-Peak
316.5890	42.87	-8.94	33.93	46.00	-12.07	Quasi-Peak
478.8456	38.06	-5.94	32.12	46.00	-13.88	Quasi-Peak

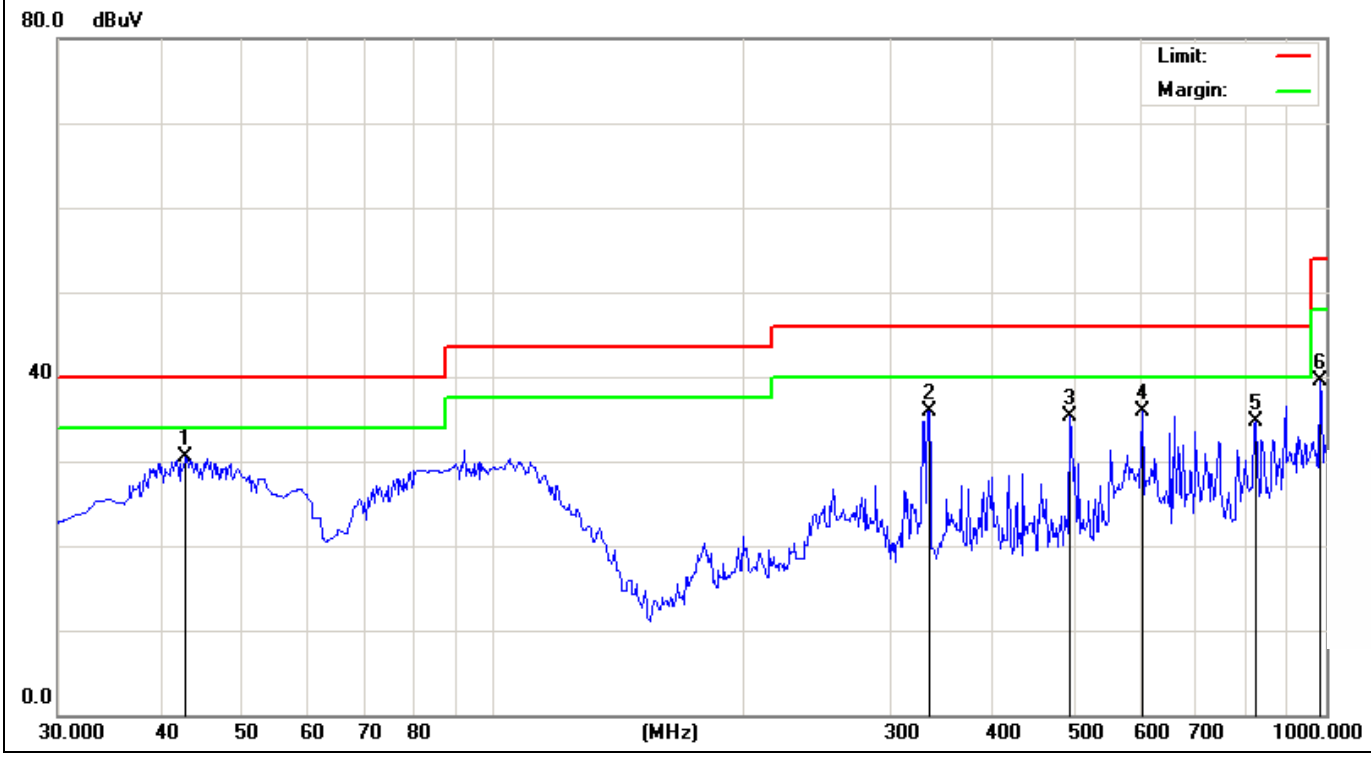
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 3	Phase :	Vertical
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
42.7496	46.51	-16.01	30.50	40.00	-9.50	Quasi-Peak
333.6867	44.59	-8.73	35.86	46.00	-10.14	Quasi-Peak
494.1984	40.92	-5.52	35.40	46.00	-10.60	Quasi-Peak
601.4265	37.41	-1.55	35.86	46.00	-10.14	Quasi-Peak
825.3999	34.24	0.46	34.70	46.00	-11.30	Quasi-Peak
986.0716	34.87	4.63	39.50	54.00	-14.50	Quasi-Peak

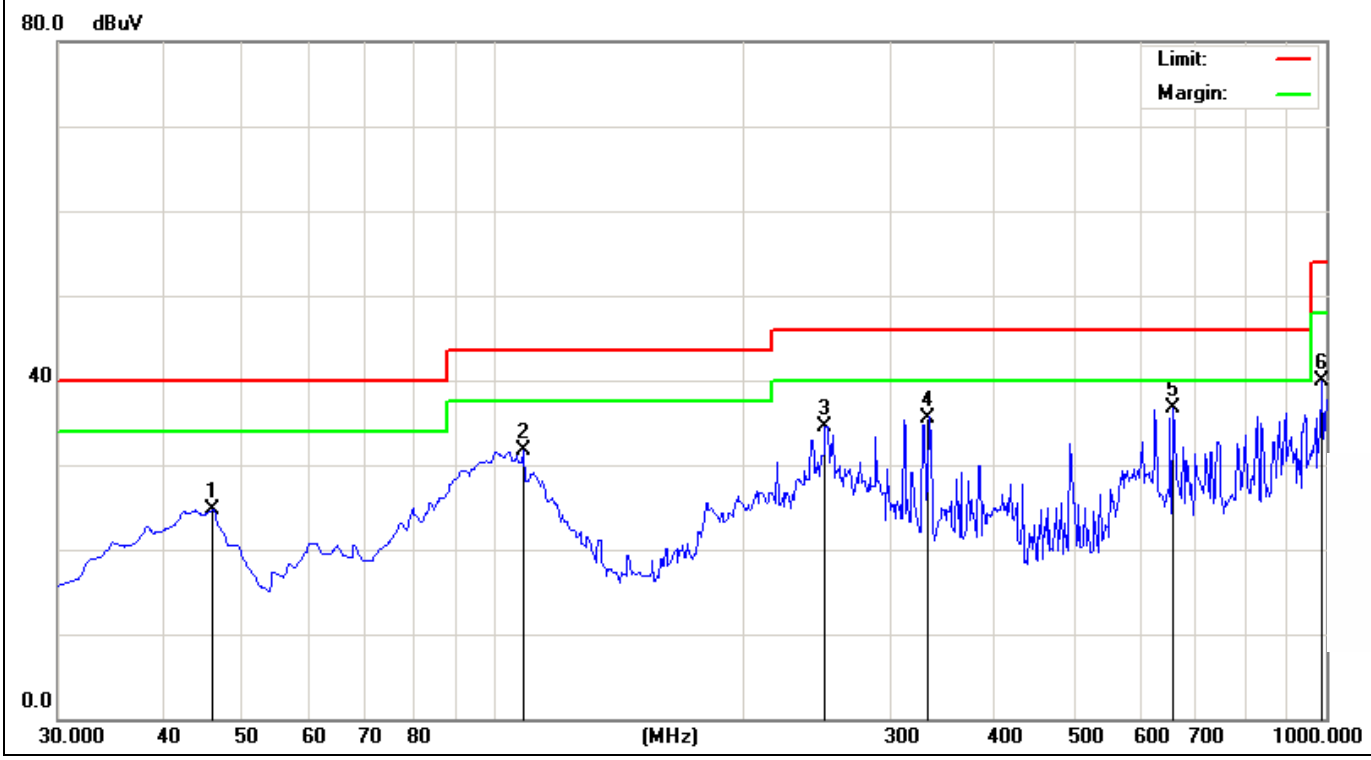
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 3	Phase :	Horizontal
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
46.1779	37.99	-13.26	24.73	40.00	-15.27	Quasi-Peak
108.6470	44.81	-13.17	31.64	43.50	-11.86	Quasi-Peak
250.3011	45.35	-10.89	34.46	46.00	-11.54	Quasi-Peak
333.6865	44.33	-8.73	35.60	46.00	-10.40	Quasi-Peak
656.5298	38.37	-1.67	36.70	46.00	-9.30	Quasi-Peak
989.5354	35.20	4.80	40.00	54.00	-14.00	Quasi-Peak

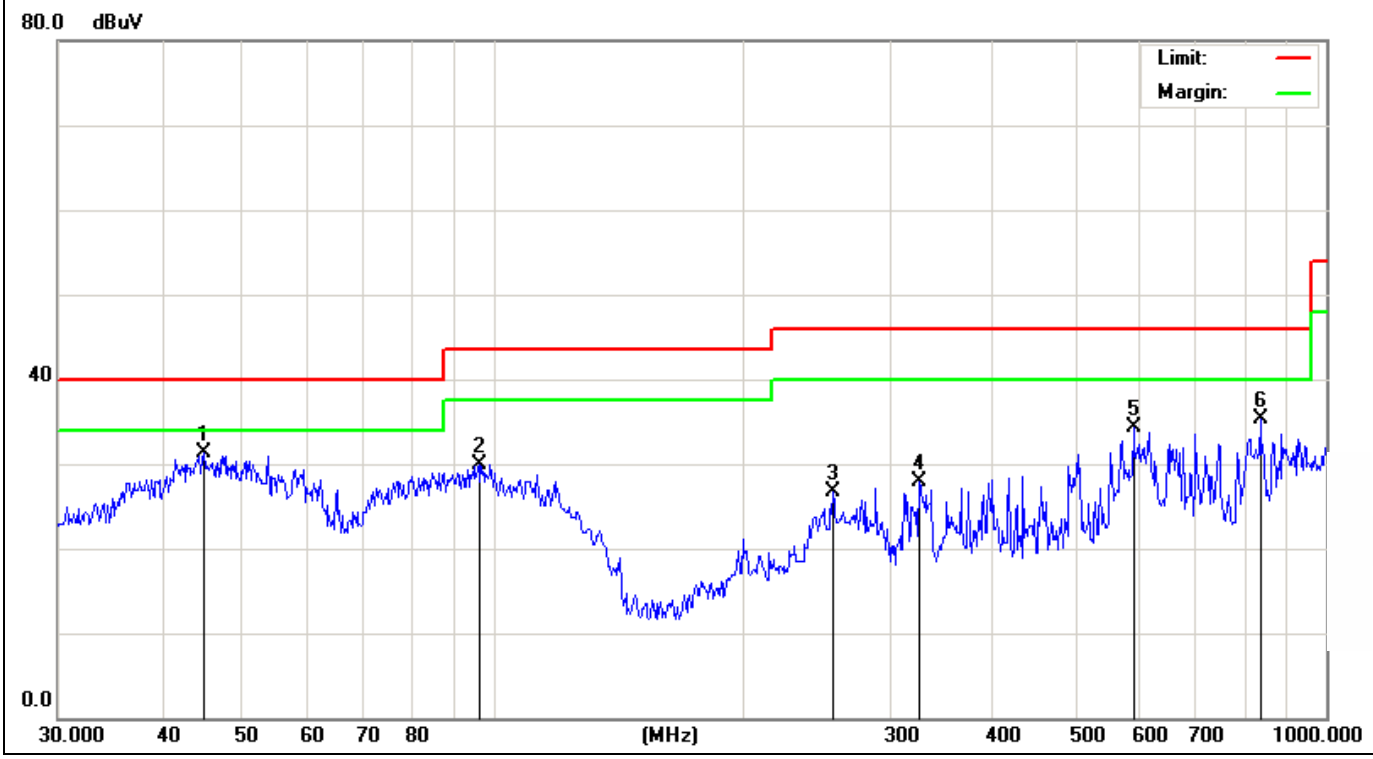
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 4	Phase :	Vertical
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBμV)	Factor(dB)	Emission Level (dBμV)	Limits (dBμV)	Over (dB)	Detector
44.9004	46.91	-15.61	31.30	40.00	-8.70	Quasi-Peak
96.4361	43.59	-13.59	30.00	43.50	-13.50	Quasi-Peak
256.5210	37.46	-10.75	26.71	46.00	-19.29	Quasi-Peak
325.5957	36.80	-8.80	28.00	46.00	-18.00	Quasi-Peak
588.9048	36.45	-2.05	34.40	46.00	-11.60	Quasi-Peak
836.2441	34.64	0.66	35.30	46.00	-10.70	Quasi-Peak

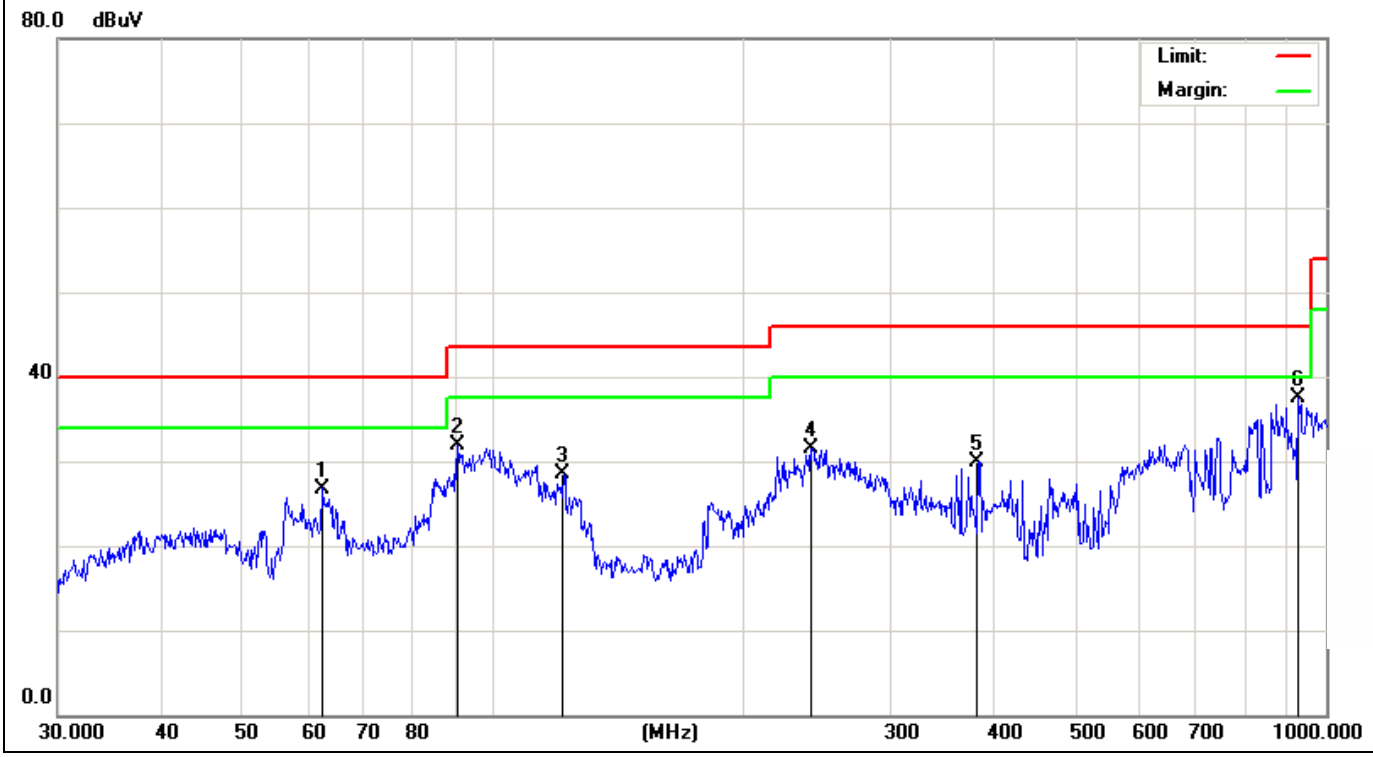
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 4	Phase :	Horizontal
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBµV)	Factor(dB)	Emission Level (dBµV)	Limits (dBµV)	Over (dB)	Detector
62.2128	43.19	-16.39	26.80	40.00	-13.20	Quasi-Peak
90.5374	47.34	-15.44	31.90	43.50	-11.60	Quasi-Peak
121.5485	43.49	-14.89	28.60	43.50	-14.90	Quasi-Peak
241.6762	43.03	-11.43	31.60	46.00	-14.40	Quasi-Peak
382.5878	37.41	-7.58	29.83	46.00	-16.17	Quasi-Peak
929.0081	34.24	3.26	37.50	46.00	-8.50	Quasi-Peak

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

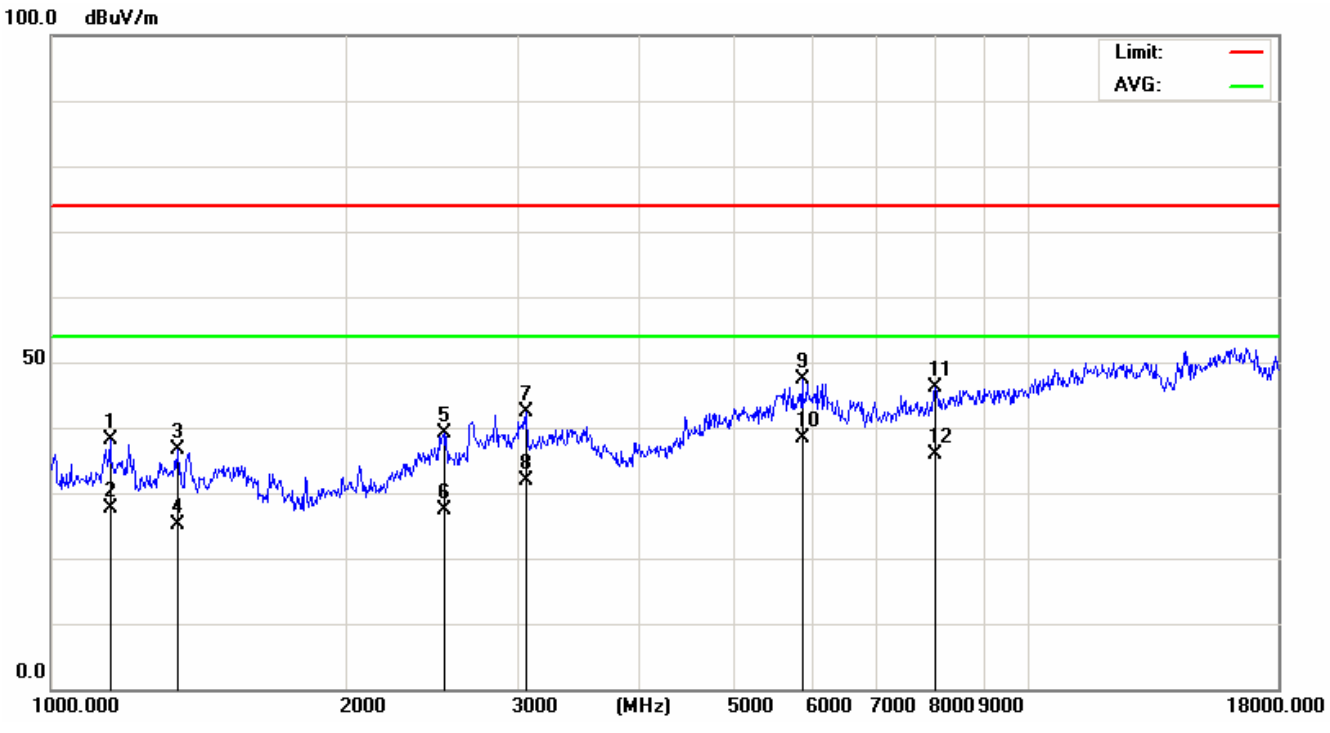


1GHz~18GHz

Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2 (worst-case)	Phase :	Vertical
Test Voltage:	AC 120V/60Hz		

Frequency (MHz)	Meter Reading (dBμV)	Factor(dB)	Emission Level (dBμV)	Limits (dBμV)	Over (dB)	Detector
1148.823	48.76	-10.71	38.05	74.00	-35.95	peak
1148.823	38.46	-10.71	27.75	54.00	-26.25	AVG
1346.769	46.88	-10.29	36.59	74.00	-37.41	peak
1346.769	35.43	-10.29	25.14	54.00	-28.86	AVG
2521.664	43.72	-4.69	39.03	74.00	-34.97	peak
2521.664	31.96	-4.69	27.27	54.00	-26.73	AVG
3060.486	44.03	-1.53	42.50	74.00	-31.50	peak
3060.486	33.38	-1.53	31.85	54.00	-22.15	AVG
5864.443	43.33	3.97	47.30	74.00	-26.70	peak
5864.443	34.33	3.97	38.30	54.00	-15.70	AVG
8013.020	35.65	10.40	46.05	74.00	-27.95	peak
8013.020	25.45	10.40	35.85	54.00	-18.15	AVG

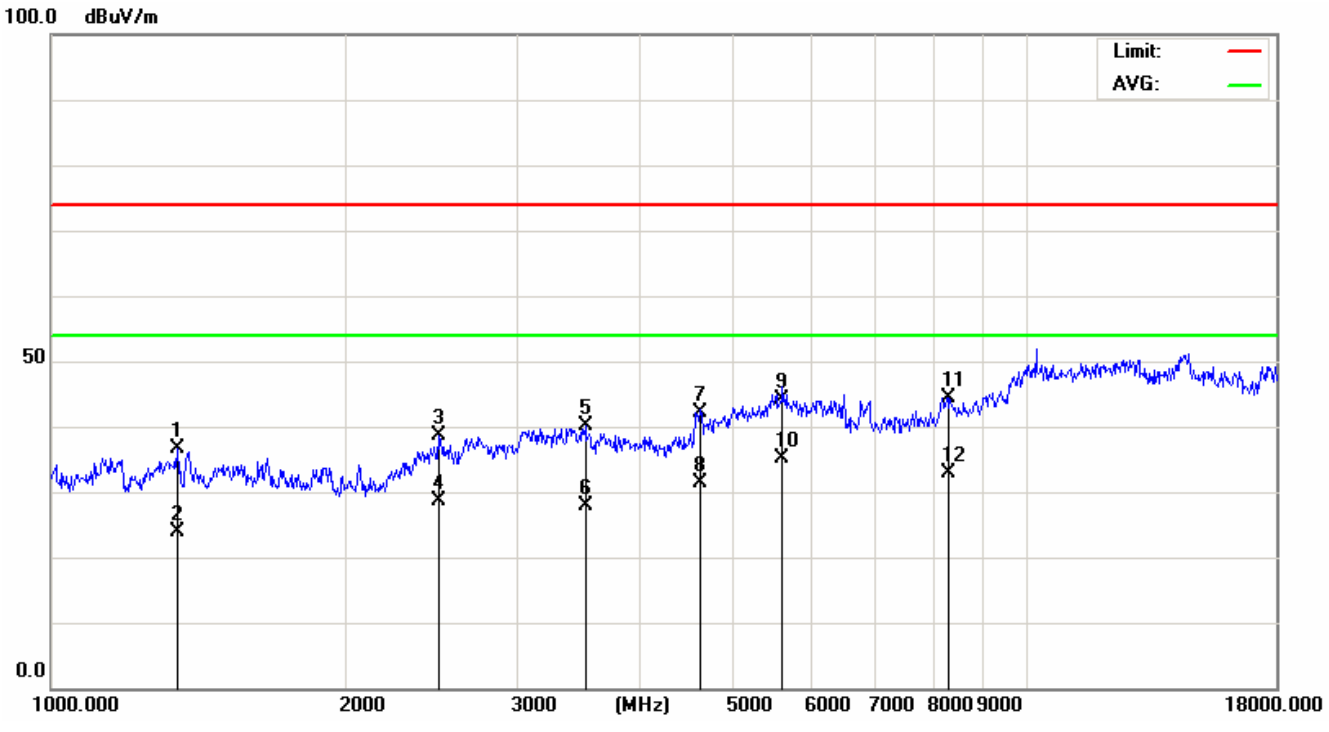
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Model name:	I10X	Test Date :	2015-12-18
Test Mode:	Mode 2 (worst-case)	Phase :	Horizontal
Test Voltage:	AC 120V/60Hz		

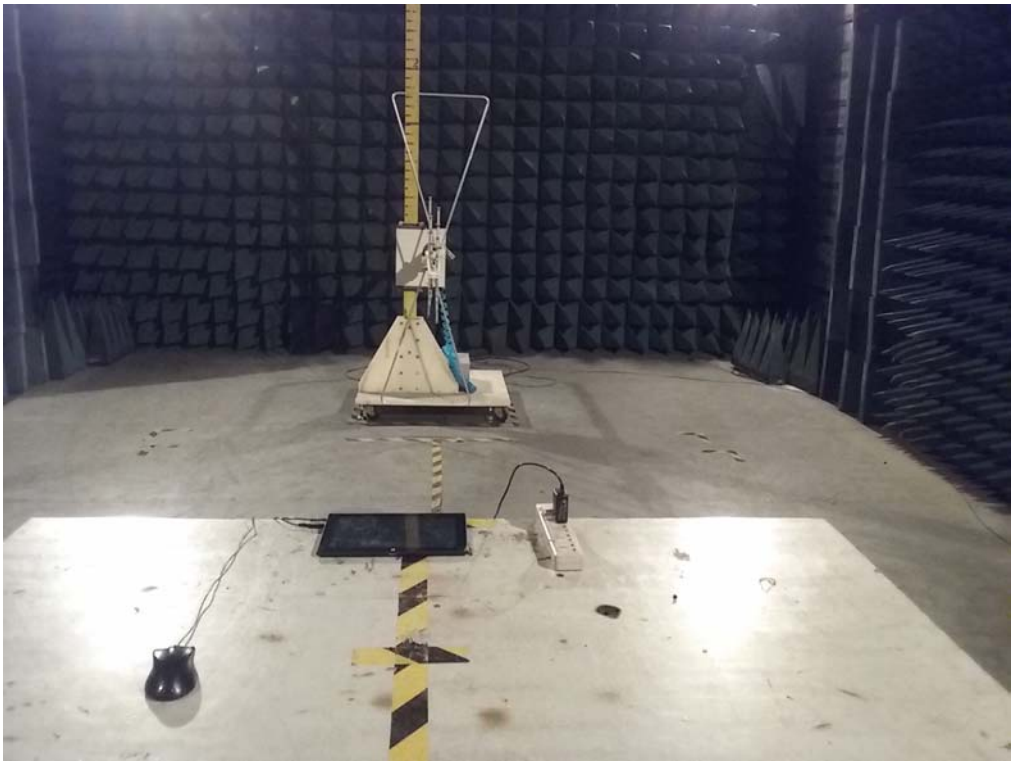
Frequency (MHz)	Meter Reading (dBμV)	Factor(dB)	Emission Level (dBμV)	Limits (dBμV)	Over (dB)	Detector
1346.769	46.88	-10.29	36.59	74.00	-37.41	peak
1346.769	34.25	-10.29	23.96	54.00	-30.04	AVG
2492.677	43.44	-4.90	38.54	74.00	-35.46	peak
2492.677	33.45	-4.90	28.55	54.00	-25.45	AVG
3526.134	40.41	-0.26	40.15	74.00	-33.85	peak
3526.134	28.25	-0.26	27.99	54.00	-26.01	AVG
4626.946	37.13	5.07	42.20	74.00	-31.80	peak
4626.946	26.21	5.07	31.28	54.00	-22.72	AVG
5615.620	40.17	3.93	44.10	74.00	-29.90	peak
5615.620	31.18	3.93	35.11	54.00	-18.89	AVG
8295.823	33.71	10.79	44.50	74.00	-29.50	peak
8295.823	22.02	10.79	32.81	54.00	-21.19	AVG

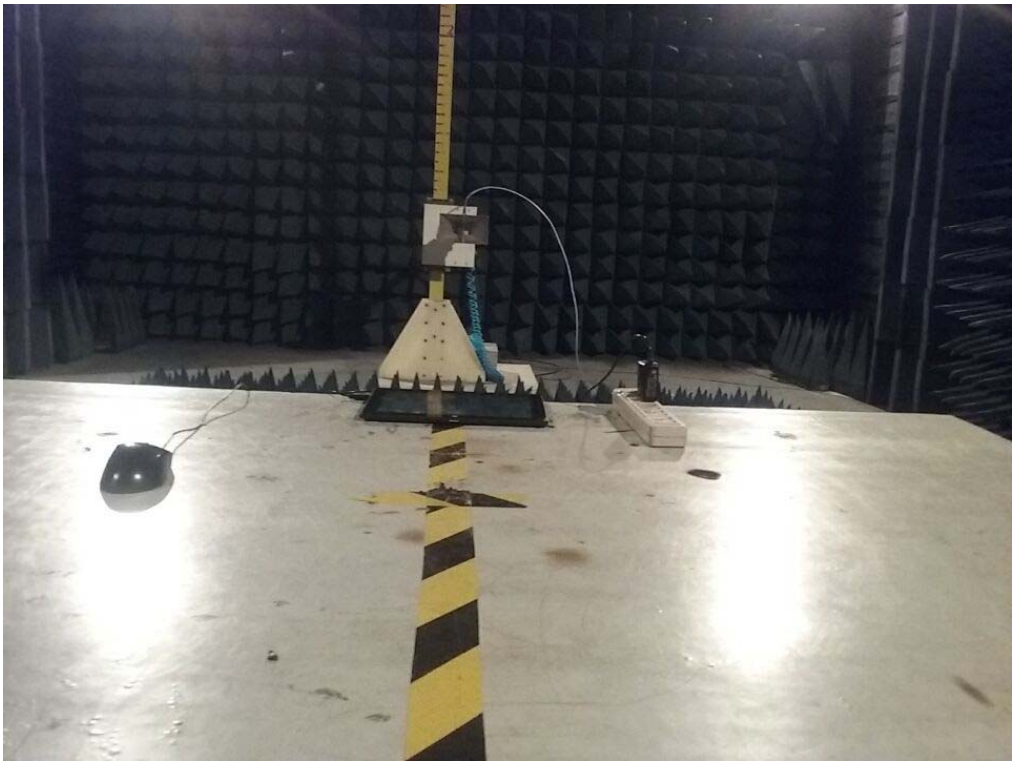
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



6.2.4 Test Setup photograph

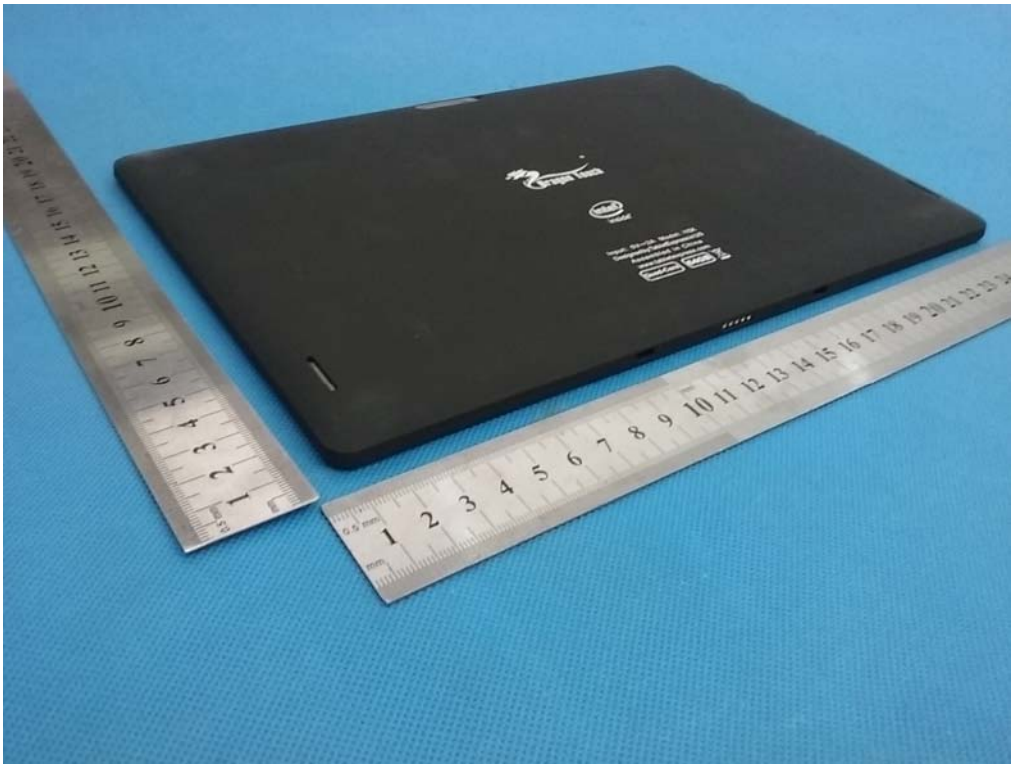
Mode 2

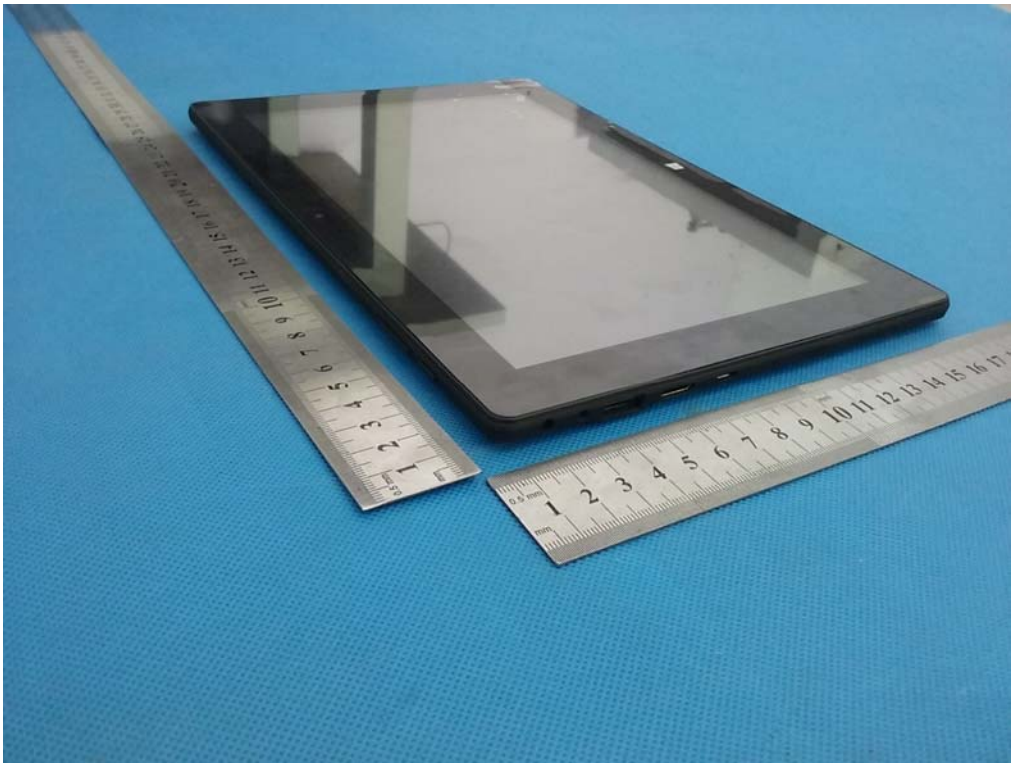




7 APPENDIX-Photographs of EUT Constructional Details

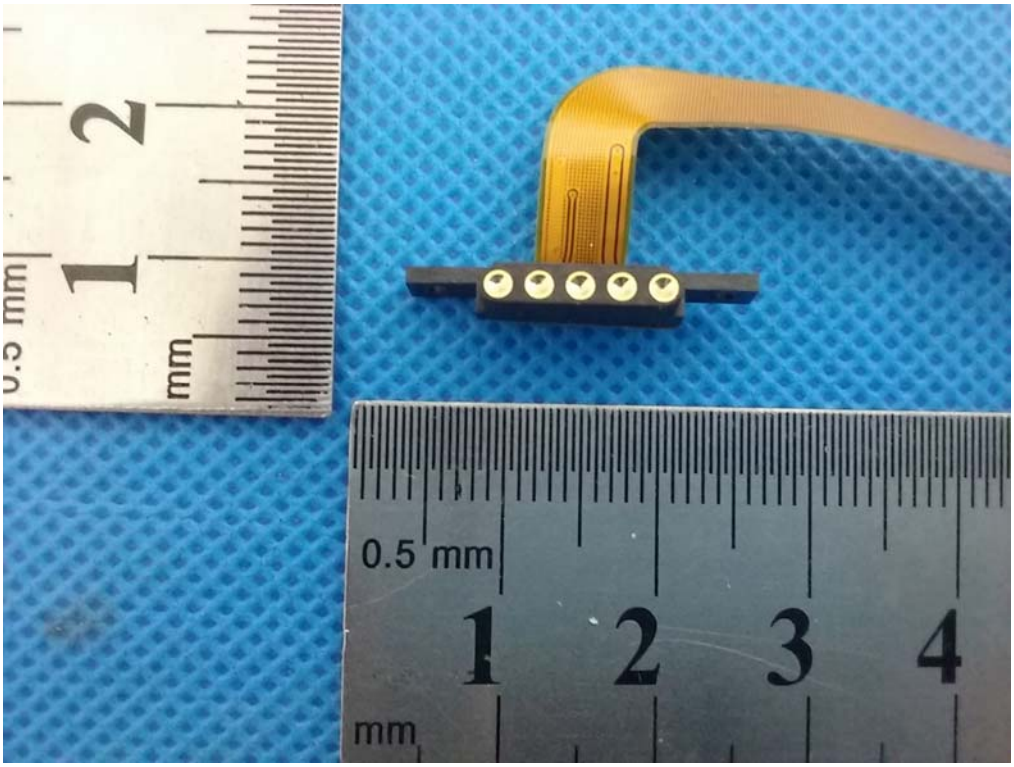

Dragon Touch
intel
inside
Input: 5V=2A Model: I10X
Designed by TabletExpress in US
Assembled in China
www.tabletexpress.com
Quad-Core
64GB

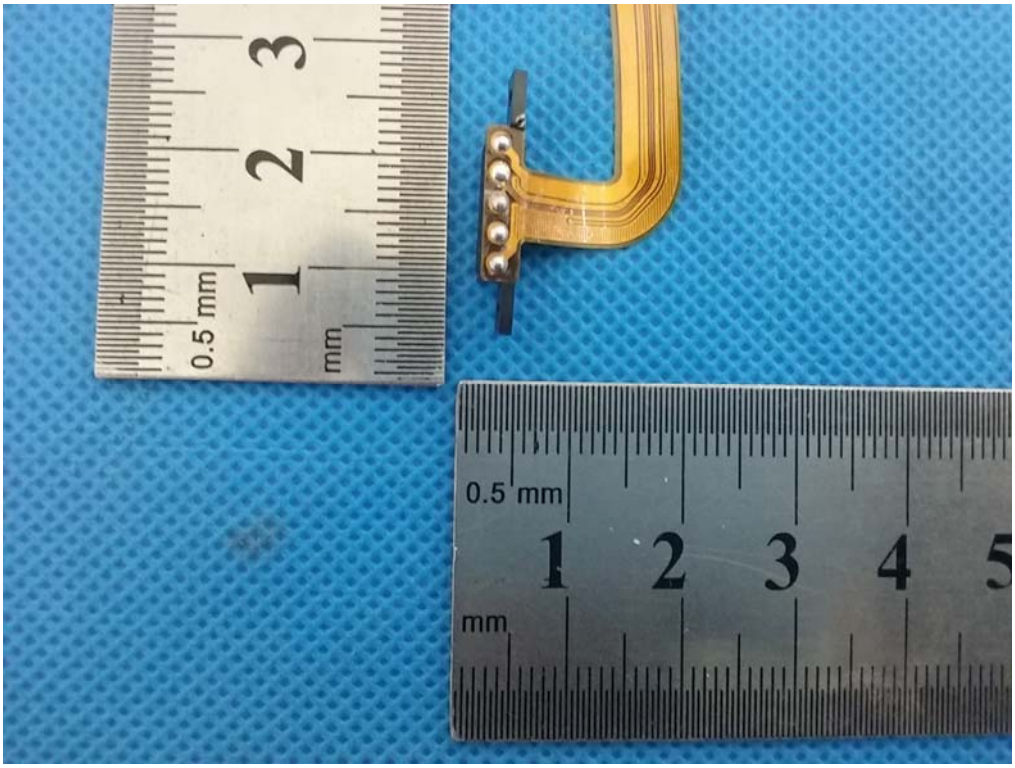




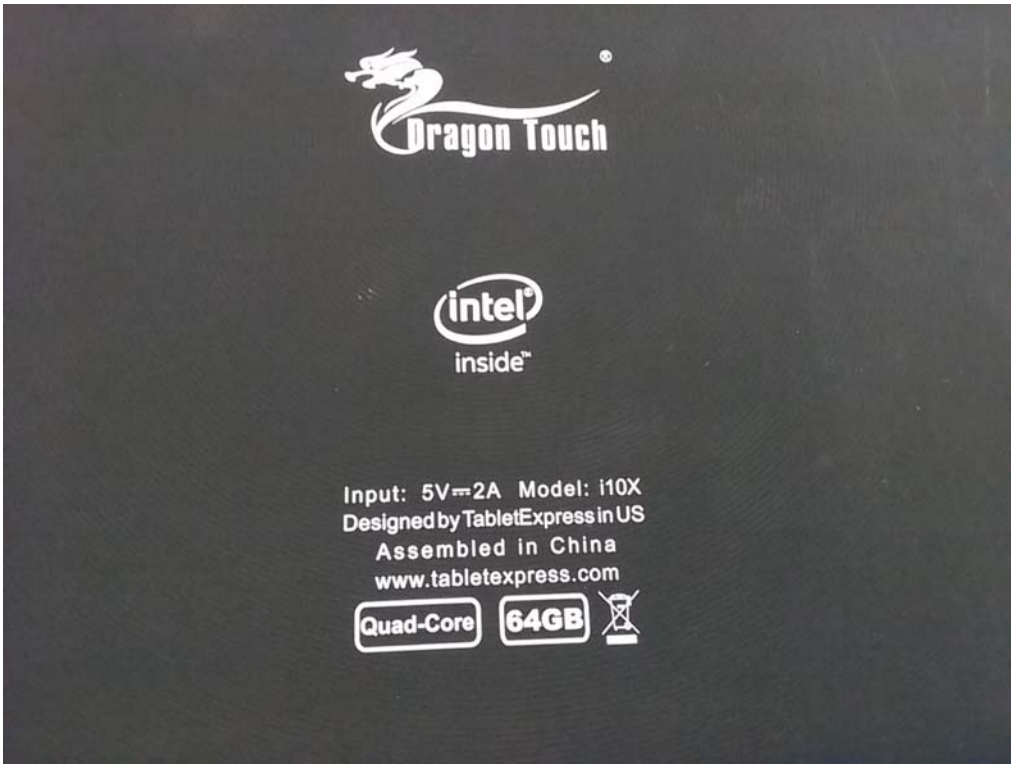

HDMI
USB
DC

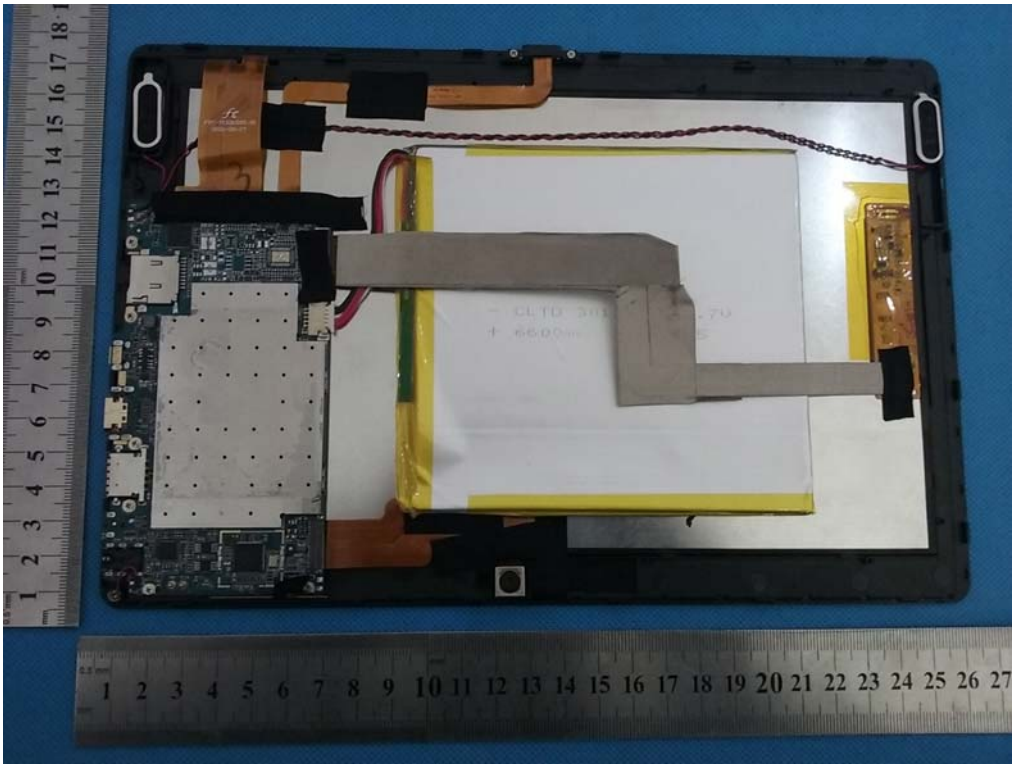

intel
inside
Input: 5V⎓2A Model: I10X
Designed by TabletExpress in US
Assembled in China
www.tabletexpress.com
Quad-Core
64GB

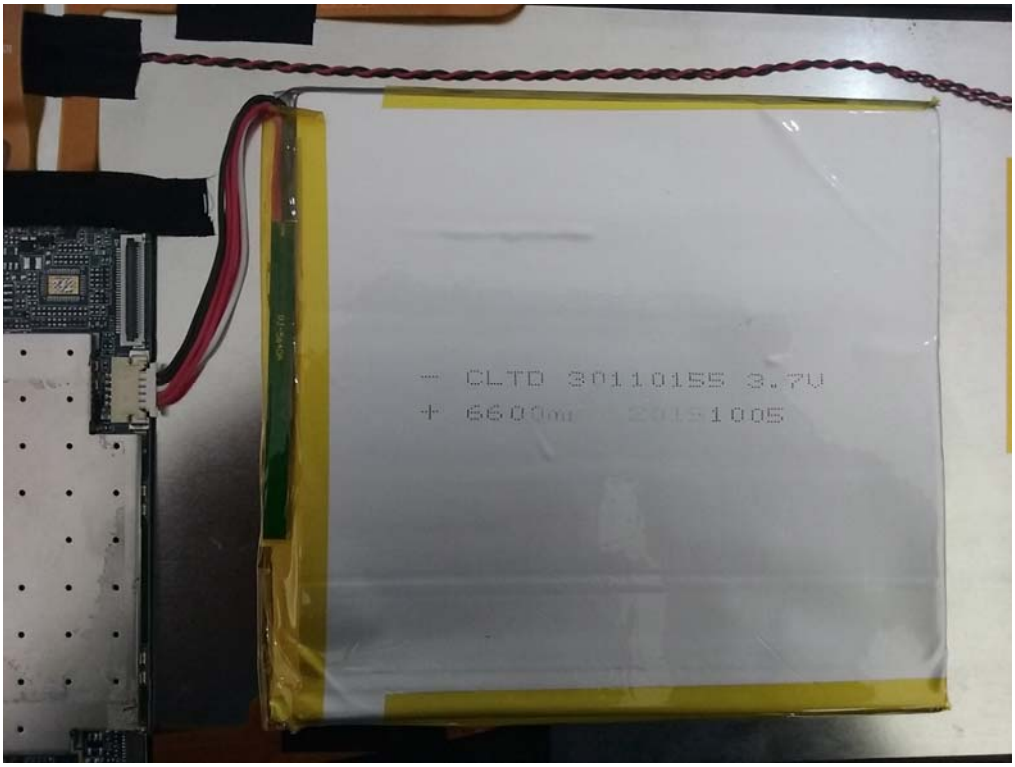

0.5 mm
1 2 3 4
mm


0.5 mm
1 2 3 4 5
mm

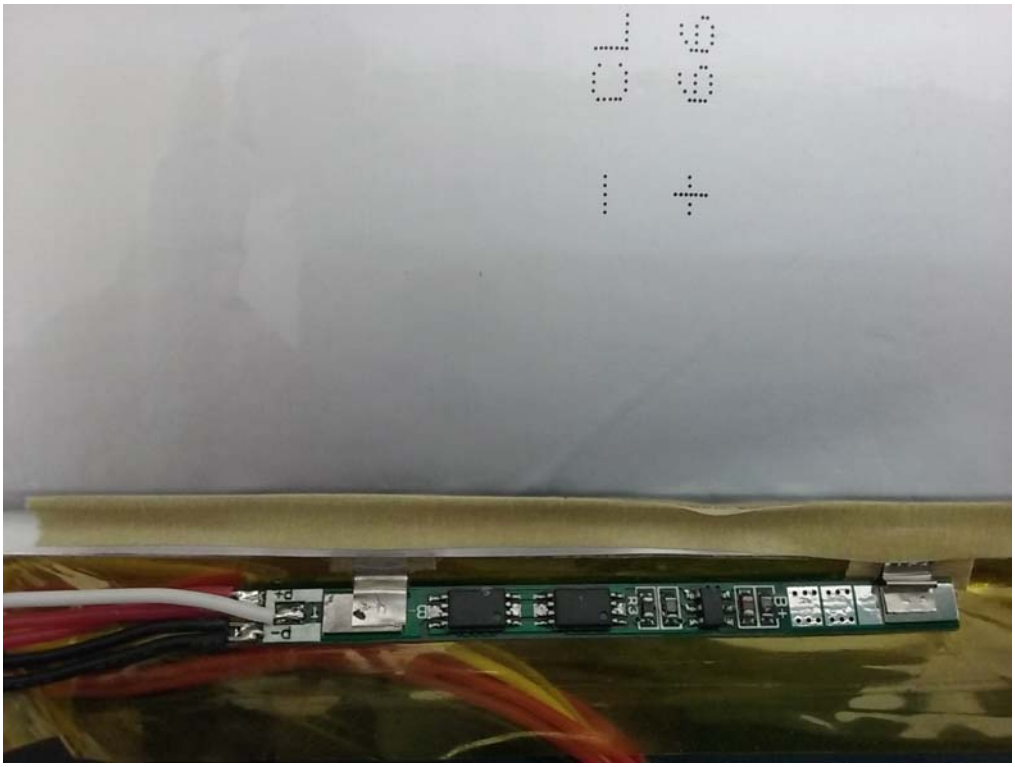

5.0
MEGA PIXELS

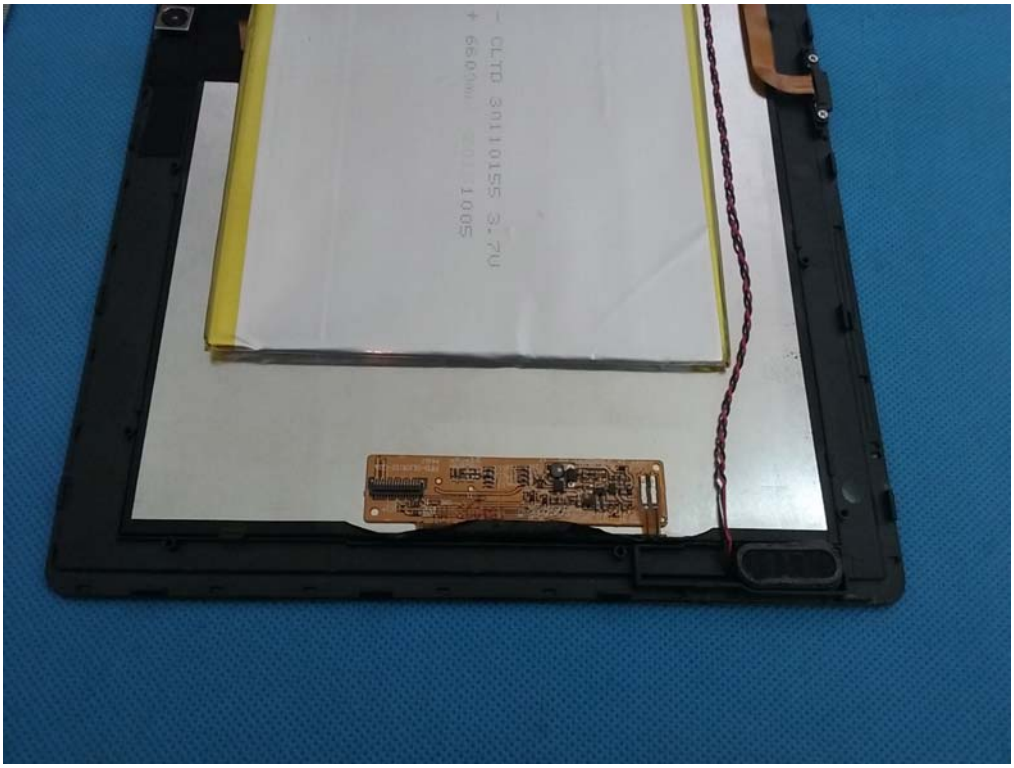

Dragon Touch
intel
inside
Input: 5V⎓2A Model: i10X
Designed by TabletExpress in US
Assembled in China
www.tabletexpress.com
Quad-Core
64GB

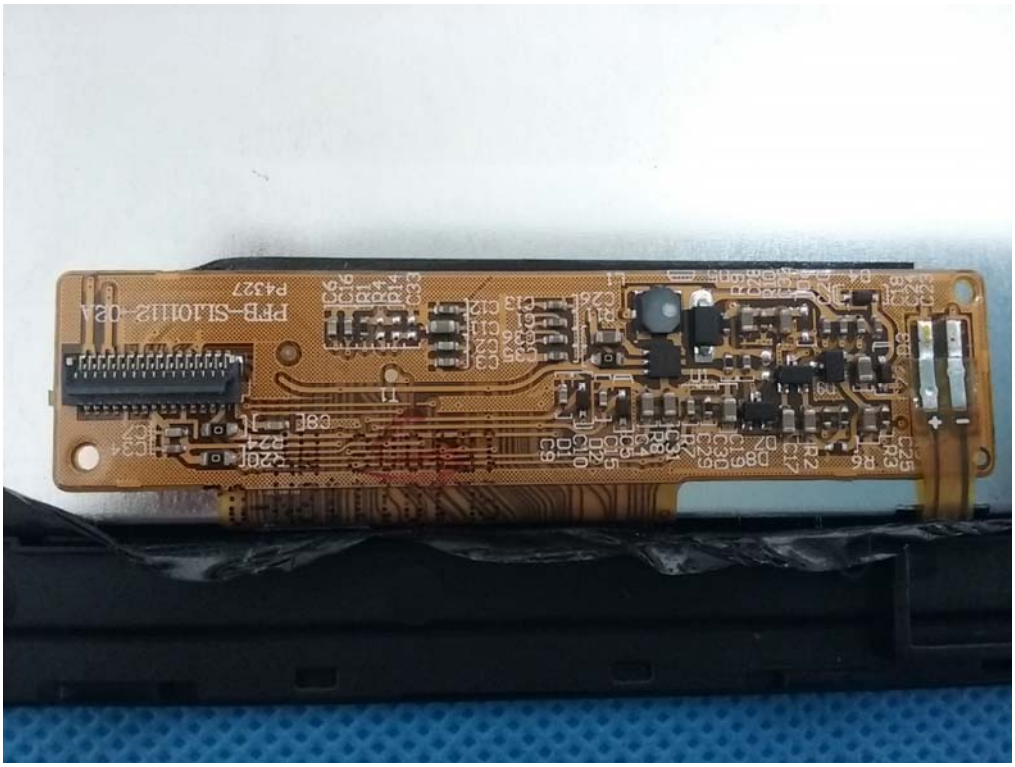


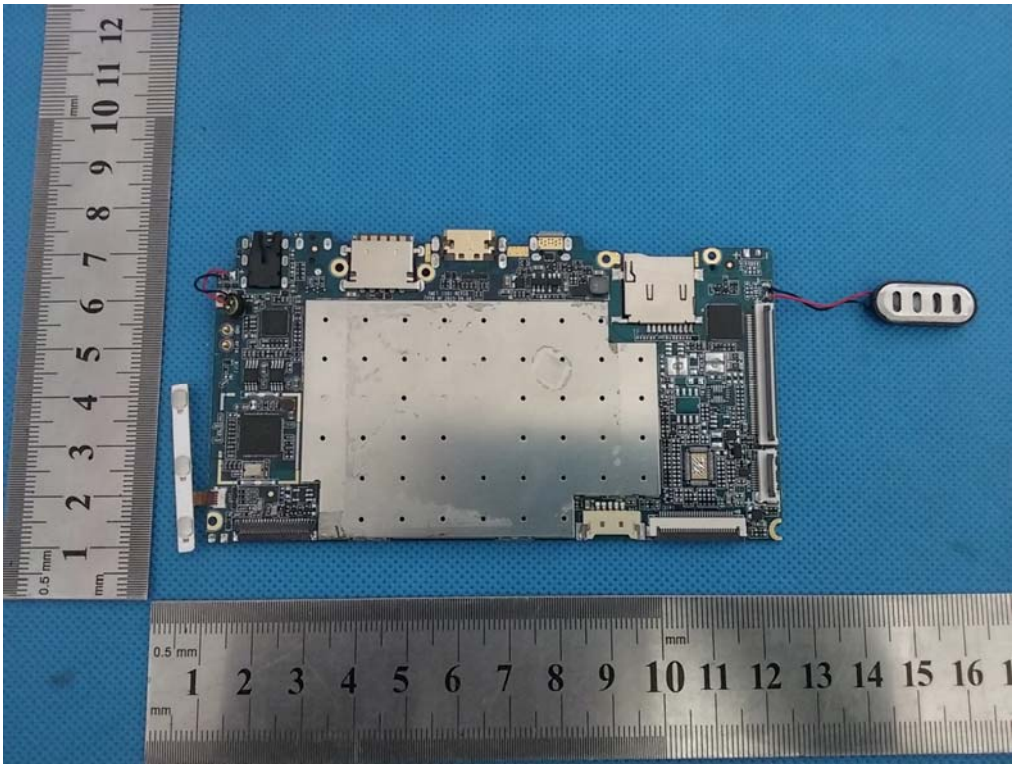

- CLTD 30110155 3.7V
+ 6600mA 2015 1005

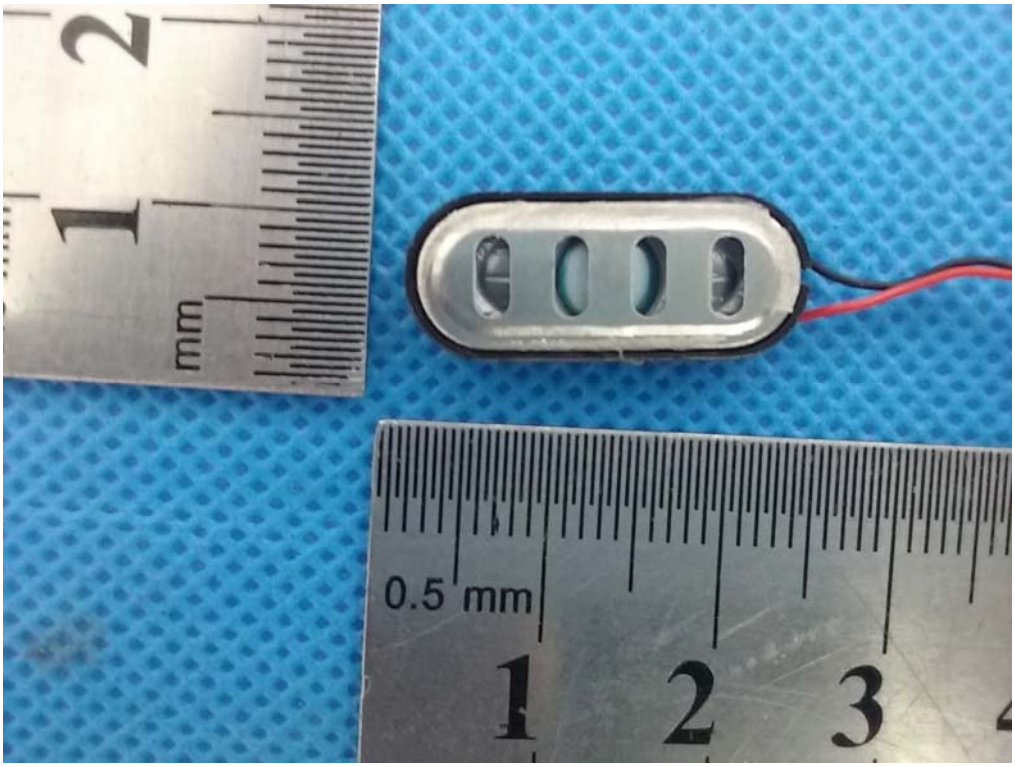

PJ-5640A



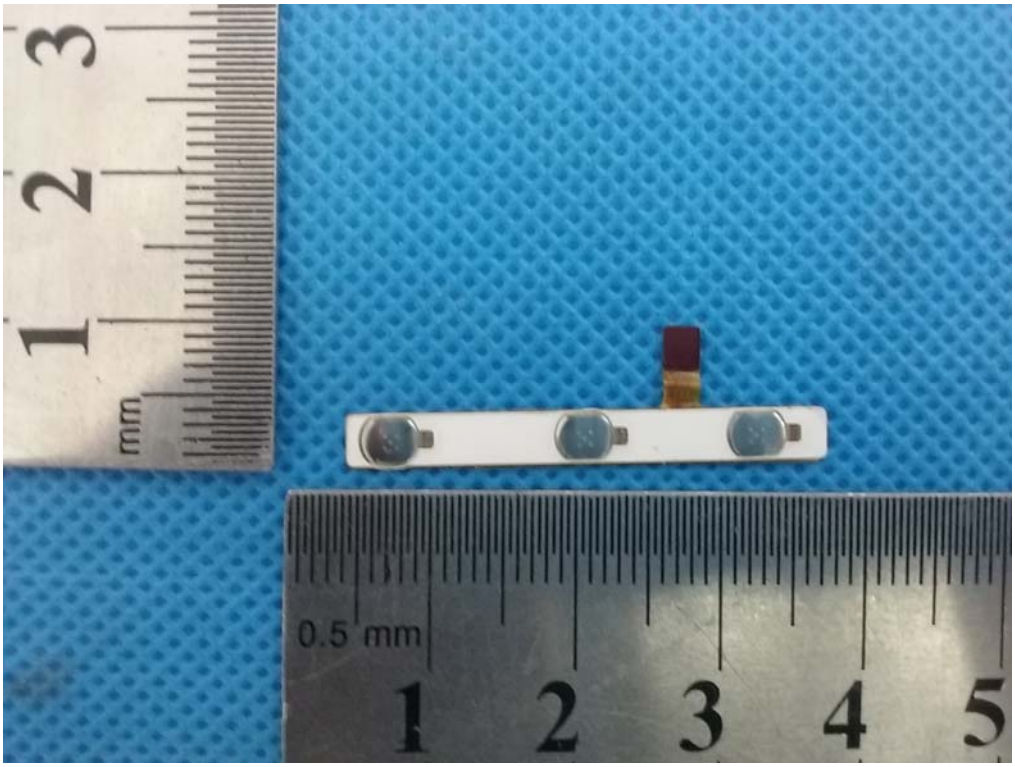

CLTD 30110155 3.7V
1005

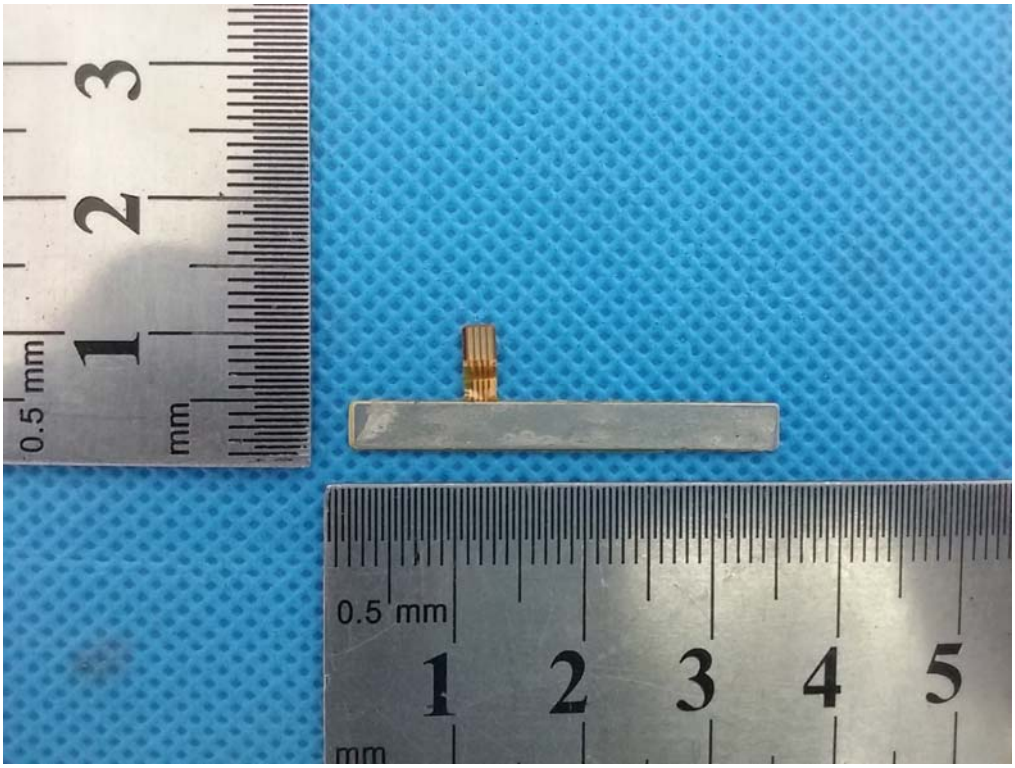


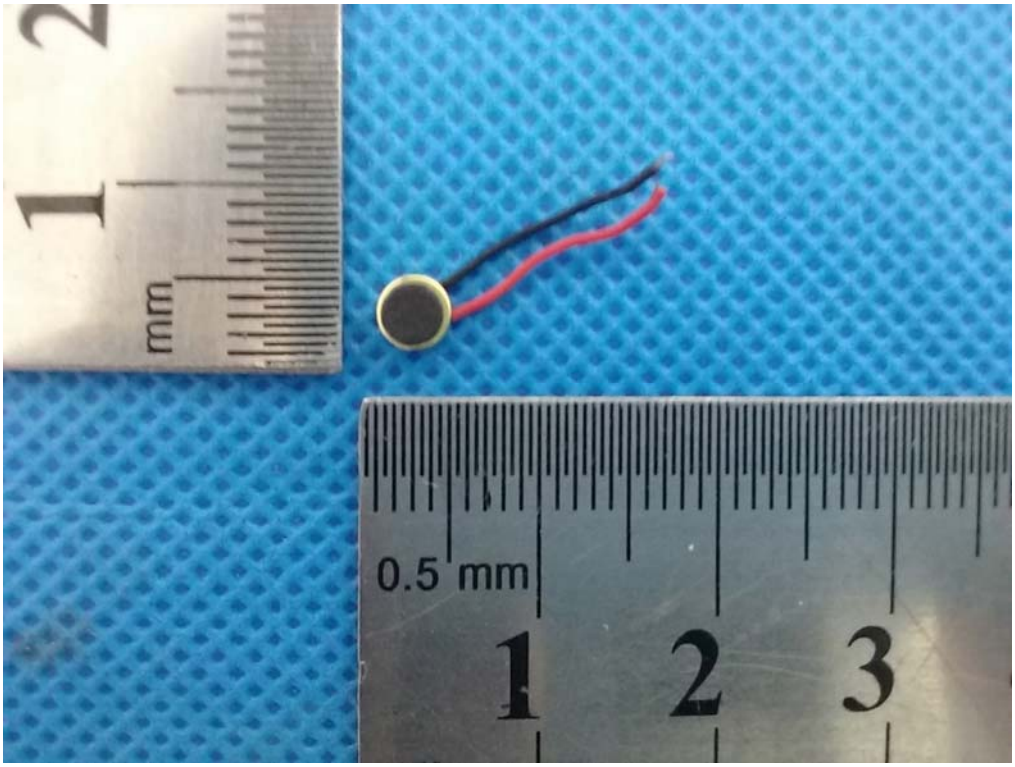


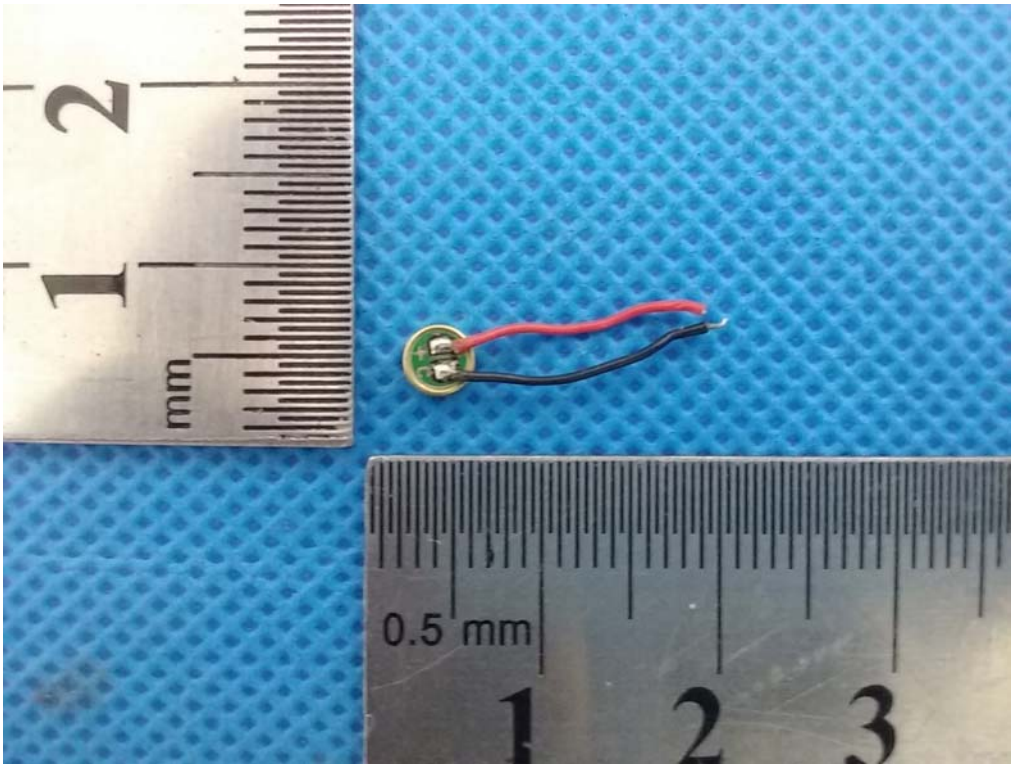

mm
0.5 mm
1
2
3

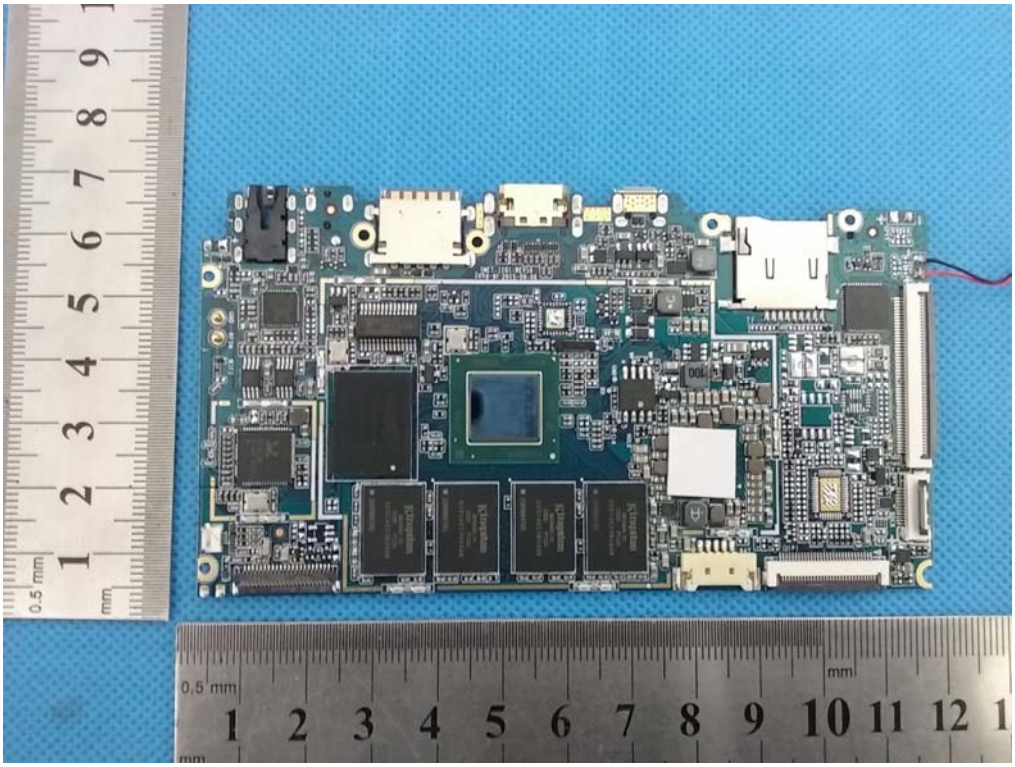

0.5 mm
mm
0.5 mm
1
2
3
4
mm

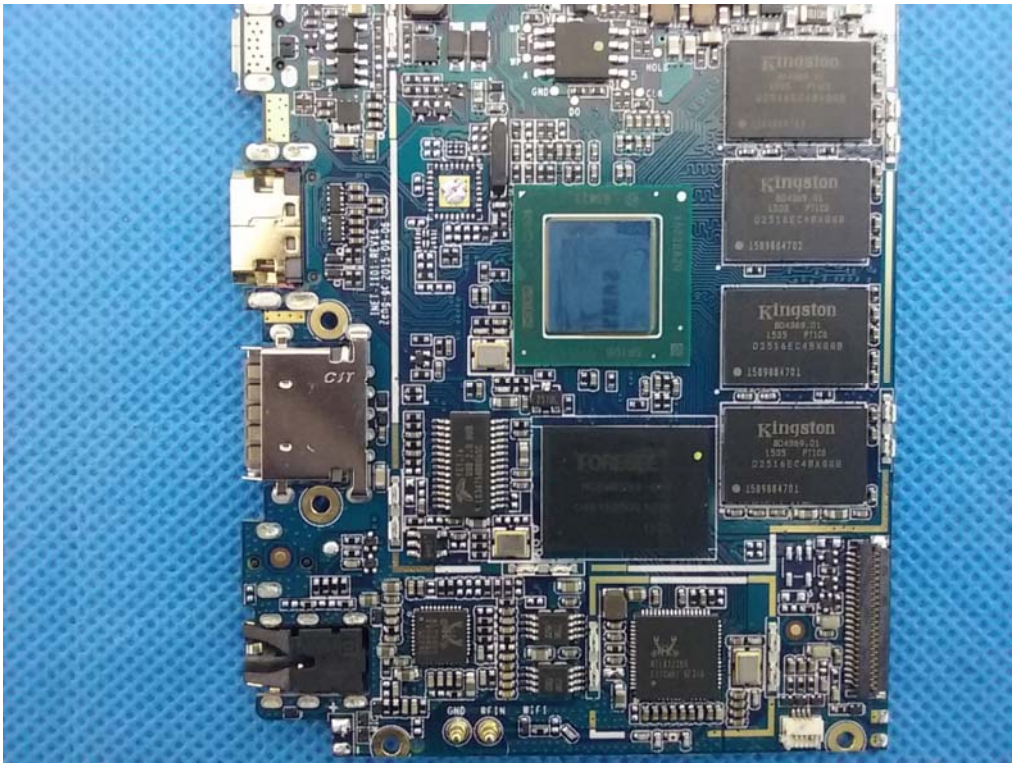

mm
0.5 mm
1 2 3 4 5

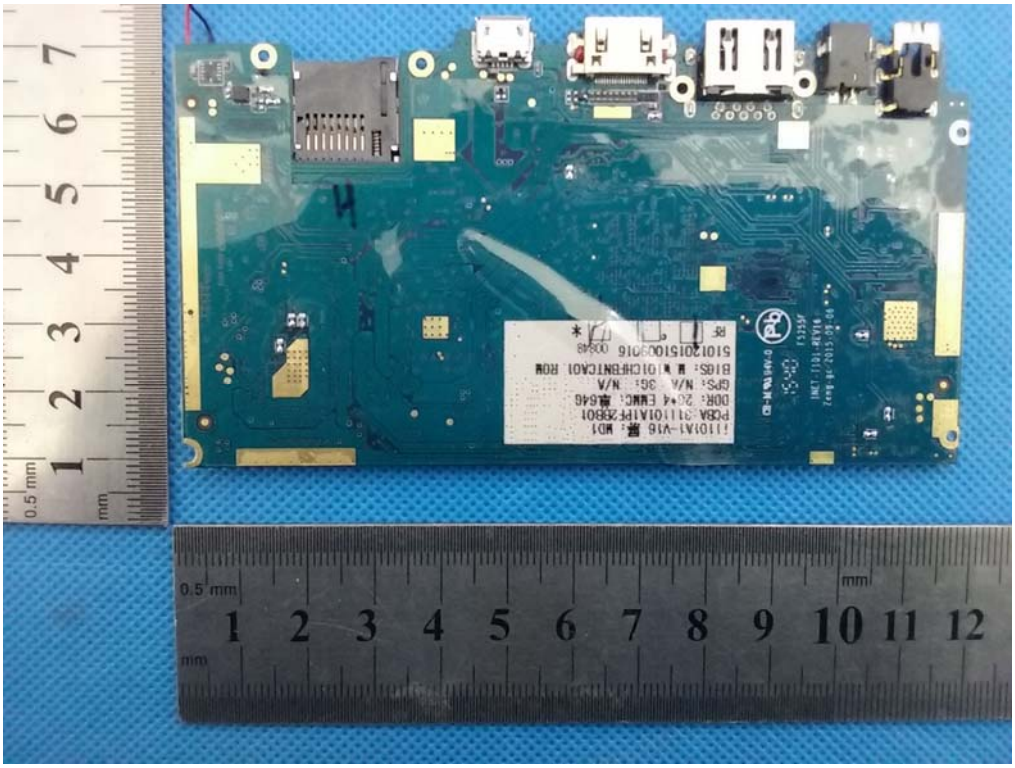

0.5 mm
mm
0.5 mm
1 2 3 4 5
mm

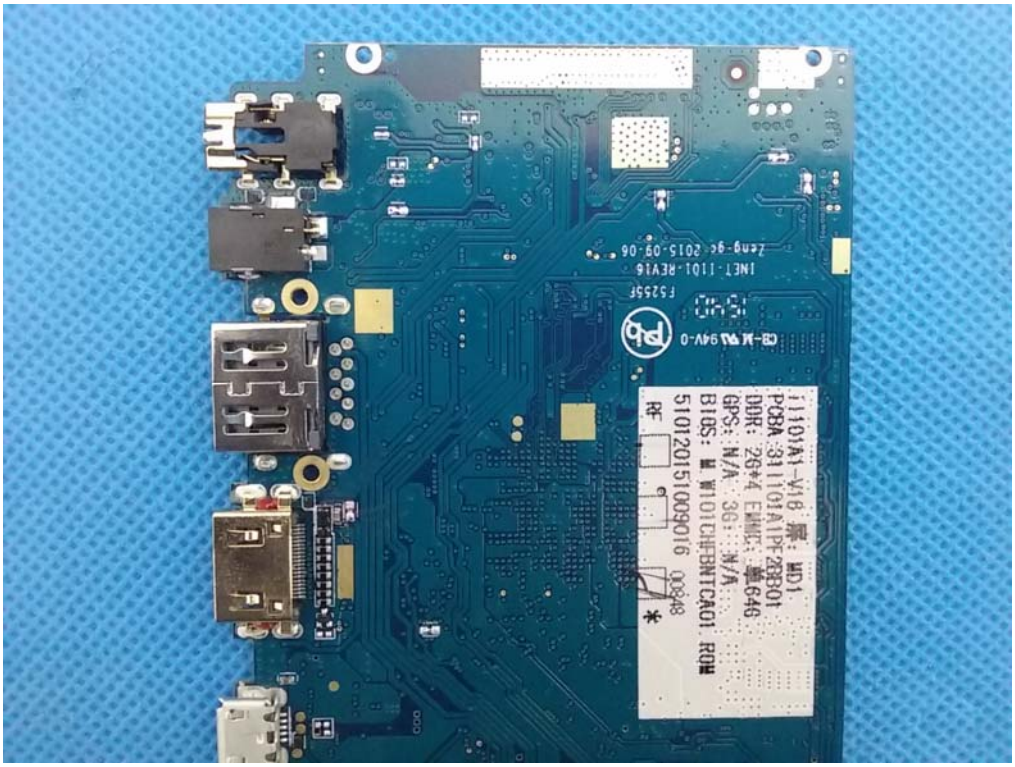

mm
0.5 mm
1
2
3


mm
0.5 mm
1
2
3




Kingston
Kingston
Kingston
Kingston
GND
RFIN
WIFI

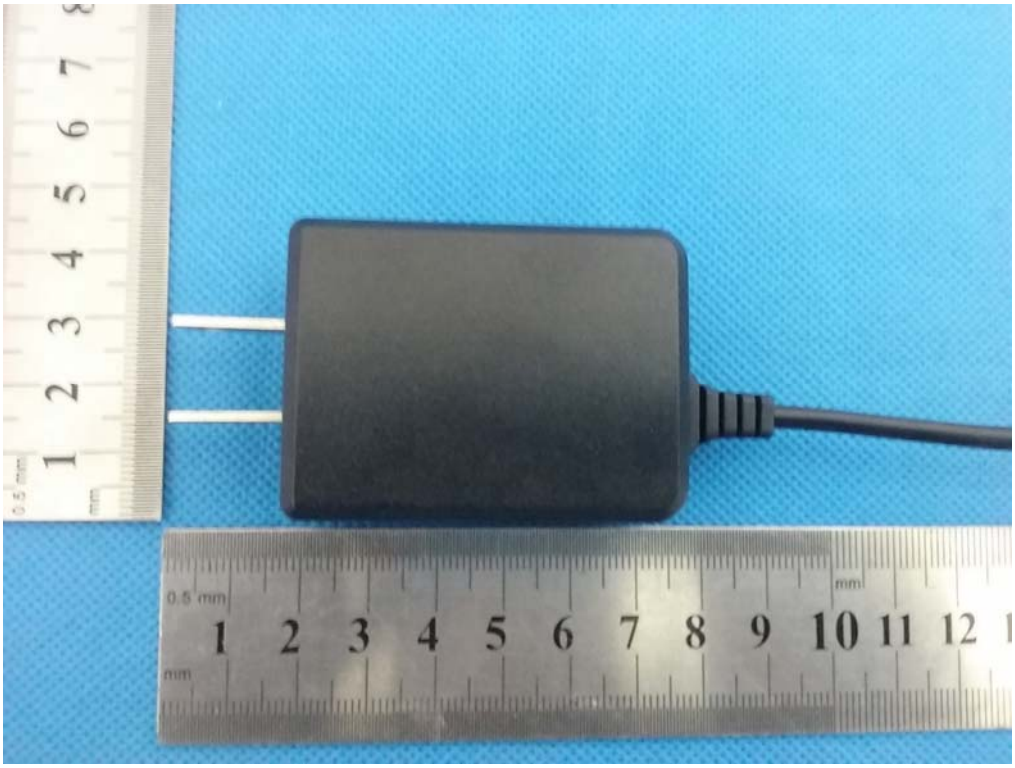

0.5 mm
1 2 3 4 5 6 7 8 9 10 11 12
mm




- CLTD 3N110155 3.7V
+ 66.00mm 20151005

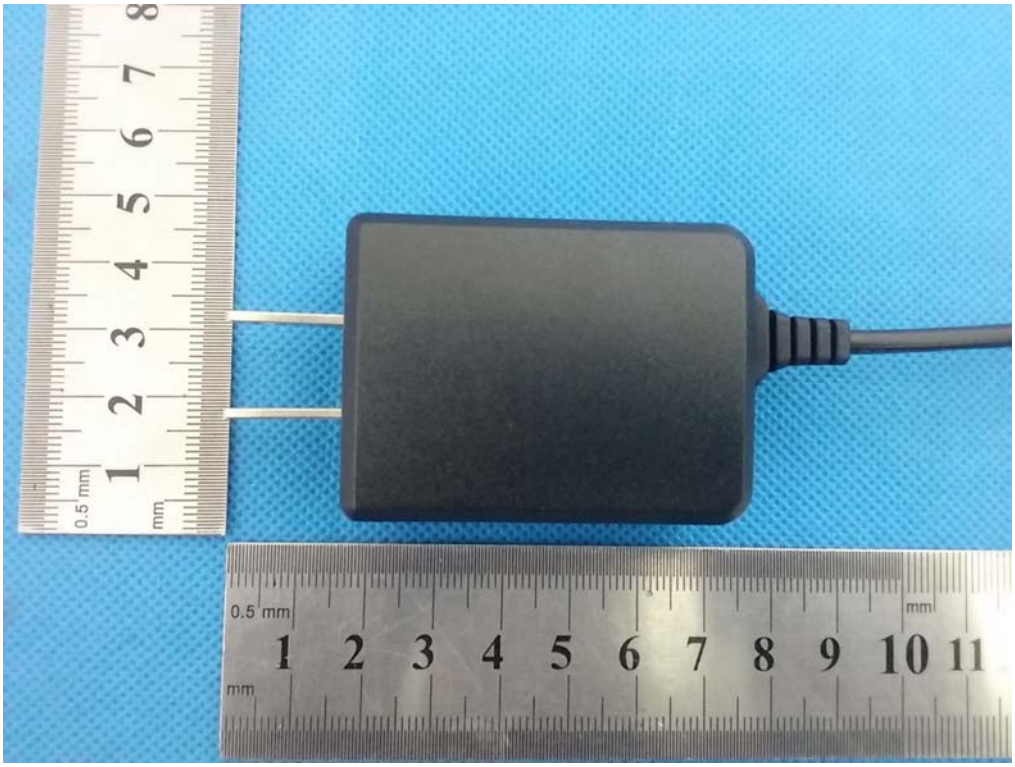

0.5 mm
mm
1 2 3 4 5 6 7 8 9 10


0.5 mm
1 2 3 4 5 6 7 8 9 10 11


0.5 mm
1 2 3 4 5 6 7 8 9 10 11 12


0.5 mm
mm
1 2 3 4 5 6 7 8 9 10 11 12


0.5 mm
mm
1 2 3 4 5 6 7 8 9 10




AC Adapter
MODEL: WTA0502000USB2
INPUT: AC100-240V 50/60Hz 0.3A
OUTPUT: DC5.0V 2000mA
Shenzhen Wei Yi Tong
Electronic Co., Ltd
LISTED
E468020

****END OF REPORT****