



TEST REPORT



(Supplier's Declaration of conformity) Under FCC Part15, Subpart B

Report Reference No.....: 4789291701

Prepared by (name + signature).....: Andy Xiong 

Reviewed by (name + signature).....: Shawn Wen 

Approved by (name + signature).....: Stephen Guo 

Date of Issue.....: December 17, 2019

Testing Laboratory: Dong Guan Anci Electronic Technology Co., Ltd

Address.....: 1-2 Floor, Building A, No.11, Headquarters 2 Road, Songshan Lake
Hi-tech Industrial Development Zone, Dongguan City, Guangdong
Pr., China.

Laboratory location: EMC Laboratory

Applicant's name: SHRINTON ELECTRON TECHNOLOGY LTD

Address.....: 3F, Building 21, Second Industrial Zone, Changzhen Community,
Yutang Street, Guangming District, Shenzhen, Guangdong 518000
CHINA.

Manufacturer.....: SHRINTON ELECTRON TECHNOLOGY LTD

Address.....: 3F, Building 21, Second Industrial Zone, Changzhen Community,
Yutang Street, Guangming District, Shenzhen, Guangdong 518000
CHINA.

Factory: SHRINTON ELECTRON TECHNOLOGY LTD

Address.....: 3F, Building 21, Second Industrial Zone, Changzhen Community,
Yutang Street, Guangming District, Shenzhen, Guangdong 518000
CHINA.



Test specification:

EUT description	Switching Power Adapter
Trade Mark.....	N/A
Model/Type reference	HT39B-xxxyyyyUS (xxx=033-160 indicate output voltage range from 3.3-16.0Vdc; yyyy=0010-3000 indicate output current from 0.01 to 3.0A)
Test Sample	HT39B-0603000US, HT39B-1601100US
Ratings.....	Input: 100-240VAC, 50/60Hz, 0.45A Max Output: 3.3-16.0Vdc, 0.01-3.0A
Standards	FCC Part15, Subpart B ANSI C63.4-2014

The device described above was tested by Dong Guan Anci Electronic Technology Co., Ltd. to determine the maximum emission levels emanated from the device and severity levels of the device endure and its performance criterion. The measurement results are contained in this test report and Dong Guan Anci Electronic Technology Co., Ltd. assumes full responsibility for the accuracy and completeness of these measurements. This report shows the EUT is technically compliance with the above official standards.

This report applies to the above sample only and shall not be reproduced in part without written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

Table of Contents	Page
1. GENERAL INFORMATION	4
1.1 GENERAL PRODUCT INFORMATION	4
1.2 FACILITIES AND ACCREDITATION	5
1.3 NORMATIVE REFERENCES	5
2. SUMMARY OF TEST RESULTS	5
2.1 MEASUREMENT UNCERTAINTY	6
2.2 DESCRIPTION OF TEST MODES	7
2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	8
3. CONDUCTED EMISSION TEST	9
3.1 CONDUCTED EMISSION MEASUREMENT	9
3.1.1 LIMITS OF CONDUCTED EMISSION (MAINS PORT)	9
3.1.2 MEASUREMENT INSTRUMENTS LIST	10
3.1.3 TEST PROCEDURE	11
3.1.4 DEVIATION FROM TEST STANDARD	11
3.1.5 TEST SETUP	12
3.1.6 EUT OPERATING CONDITIONS	12
3.1.7 TEST RESULTS	13
3.2 RADIATED EMISSION MEASUREMENT	18
3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT	18
3.2.2 MEASUREMENT INSTRUMENTS LIST	19
3.2.3 TEST PROCEDURE	20
3.2.4 DEVIATION FROM TEST STANDARD	20
3.2.5 TEST SETUP	21
3.2.6 EUT OPERATING CONDITIONS	21
3.2.7 TEST RESULTS	22
4. ATTACHMENT	27
4.1 EUT TEST PHOTO	27
4.2 EUT PRODUCT PHOTO	28

1. GENERAL INFORMATION

1.1 GENERAL PRODUCT INFORMATION

The product is Switching Power Adapter (direct plug-in) for use with audio/video, information technology equipment.

All models are identical to each other except the model name, output ratings and some secondary components.

Model List

xxx	033-160	3 digits code indicate output voltage range from 3.3-16.0Vdc, minimum step by 0.1V. eg:033=3.3Vdc, 160=16.0Vdc.
yyyy	0010-3000	4 digits code indicate output current from 0.01 to 3.0A, the rising step is 0.01A. eg: 0010 = 0.01A, 3000=3.0A

Model	Output Voltage (Vdc)	Output Current(A)	Max. Output Power(W)	Transformer (T1)
HT39B-xxxxyyyyUS	3.3-8.0	0.01-3.0	18.0	HT39B-030-080
	8.1-16.0	0.01-1.1	17.6	HT39B-080-160

The models HT39B-1601100US and HT39B-0603000US was tested in this report.

The EUT passed the test.

1.2 FACILITIES AND ACCREDITATION

Test Location	Dong Guan Anci Electronic Technology Co., Ltd
Address	1-2 Floor, Building A, No.11, Headquarters 2 Road, Songshan Lake Hi-tech Industrial Development Zone, Dongguan City, Guangdong Pr., China.
Accreditation Certificate	The Laboratory has been assessed and proved to be in compliance with A2LA, The Certificate Number is 4422.01.
Description	All tests measurement facilities use to collect the measurement data are located at 1-2 Floor, Building A, No.11, Headquarters 2 Road, Songshan Lake Hi-tech Industrial Development Zone, Dongguan City, Guangdong Pr., China.

1.3 NORMATIVE REFERENCES

[1] **ANSI C63.4:2014** American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

[2] **FCC 47 CFR Part 2** General Rules and Regulations

[3] **FCC 47 CFR Part 15** Radio Frequency Devices (Subpart B)

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated Emission Below 1 GHz	Class B	PASS	
	Radiated Emission Above 1 GHz	Class B	N/A	NOTE (1) NOTE (2)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report
- (2) If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz. If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2GHz. If the highest frequency of the internal sources of the EUT is between 500 MHz and 1GHz, measurement shall only be made up to 5 GHz. If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is less.

2.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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 %.

A. Conducted disturbance at mains terminals ports:

Test Site	Method	Measurement Frequency Rang	U(dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	2.74	

B. Radiated Emission Test :

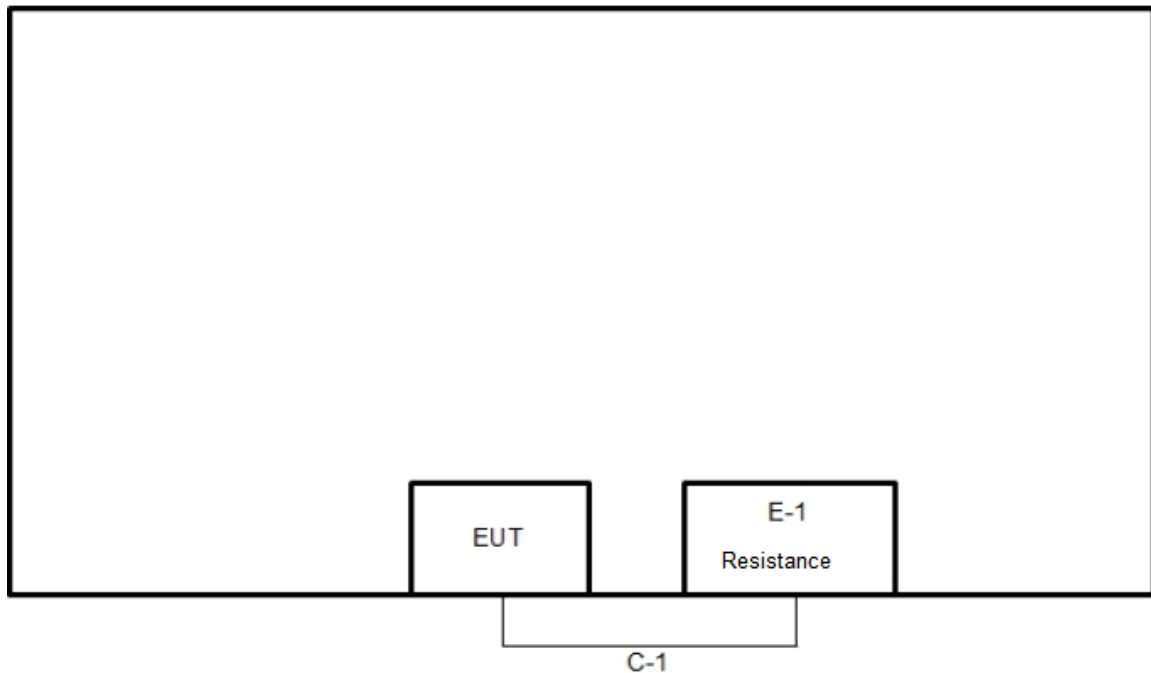
Test Site	Method	Measurement Frequency Range	Ant. H / V	U(dB)	NOTE
S02	ANSI	30MHz ~ 200MHz	V	3.69	
S02	ANSI	30MHz ~ 200MHz	H	3.69	
S02	ANSI	200MHz ~ 1,000MHz	V	3.67	
S02	ANSI	200MHz ~ 1,000MHz	H	3.67	



2.2 DESCRIPTION OF TEST MODES

For Conducted Emission Test	
Test Mode	Description
Mode 1	Full Load
For Radiated Emission Test	
Test Mode	Description
Mode 1	Full Load

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
E-1	Rheostat	N/A	BX7-14	20 Ω 4A	N/A

Item	Type of cable	Shielded Type	Ferrite Core	Length
C-1	DC Cable	N/A	N/A	1.5m

3. CONDUCTED EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 LIMITS OF CONDUCTED EMISSION (MAINS PORT) (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	ROHDE&SCHWARZ	ESPI	101144	2019-12-11
2	LISN	ROHDE&SCHWARZ	ENV216	101413	2019-12-11
3	Test Cable	N/A	N/A	5#	2020-05-19

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

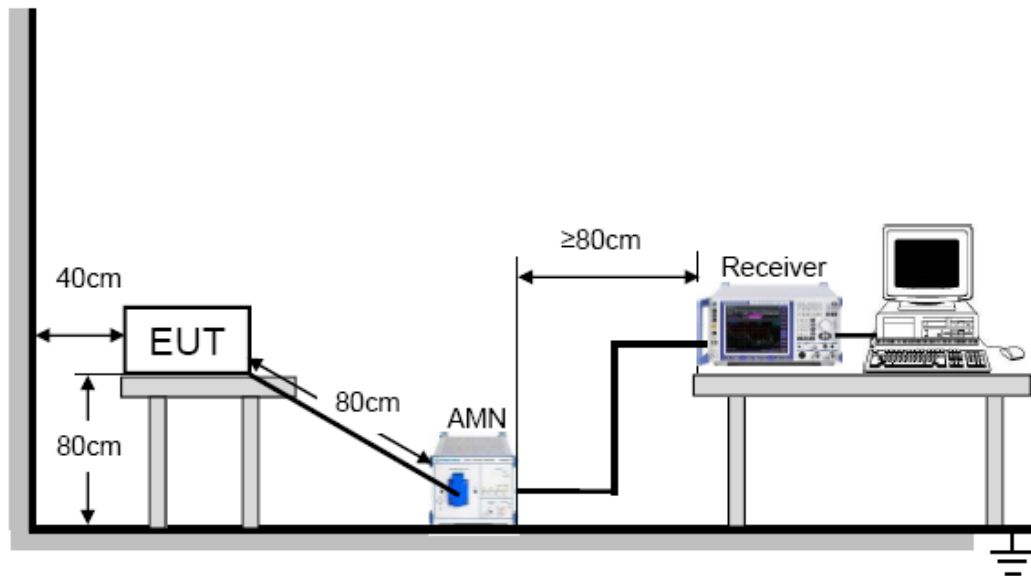
3.1.3 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item: EUT Test Photos.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation

3.1.5 TEST SETUP



3.1.6 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

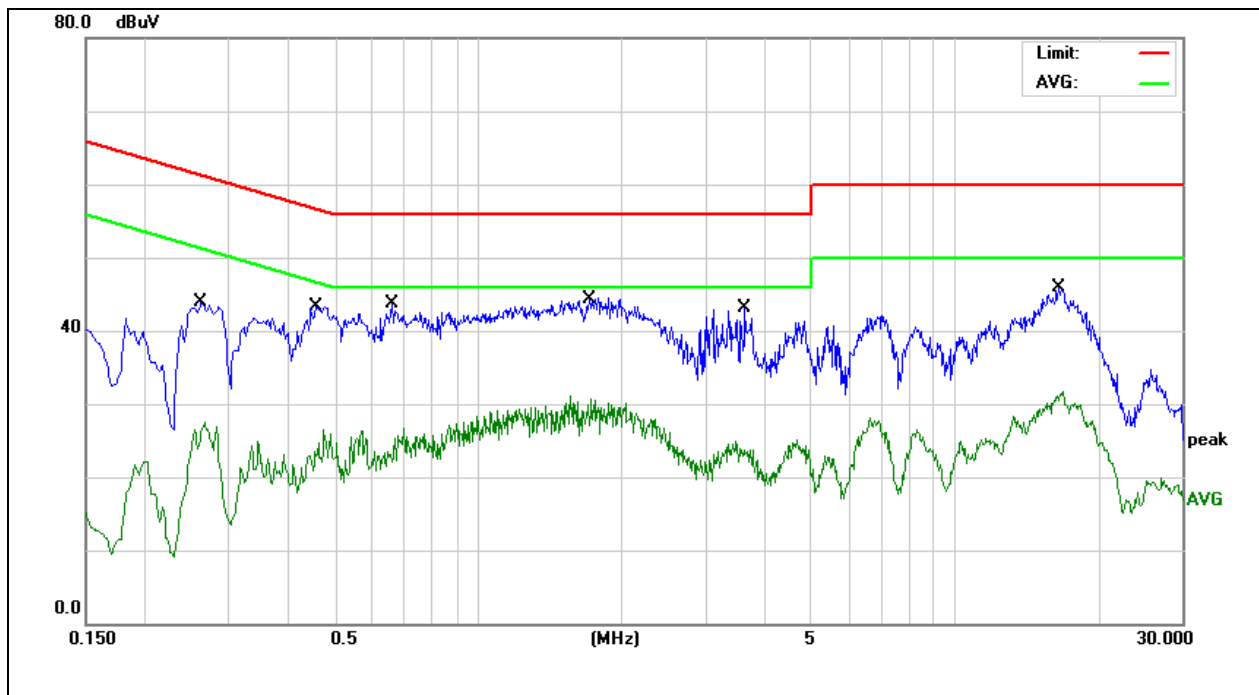


3.1.7 TEST RESULTS

EUT:	Switching Power Adapter	Model No. :	HT39B-0603000US HT39B-1601100US
Temperature:	22.6℃	Relative Humidity:	54.8 %
Pressure:	1008 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Full Load		

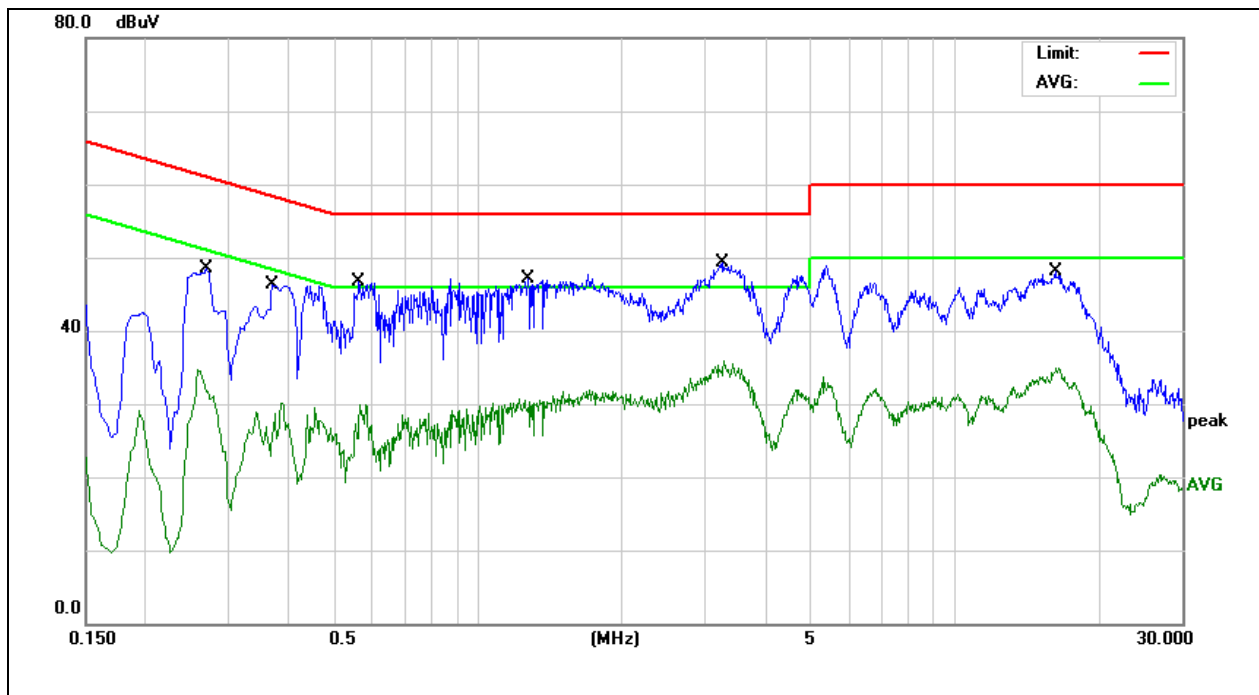
Remark

- (1) Reading in which marked as QP means measurements by using Quasi-Peak Detector, and AV means measurements by using Average Detector.
- (2) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “*” marked in AVG Mode column of Interference Voltage Measured.
- (3) Measuring frequency range from 150KHz to 30MHz.
- (4) This test was carried out in conducted emission shielded room.



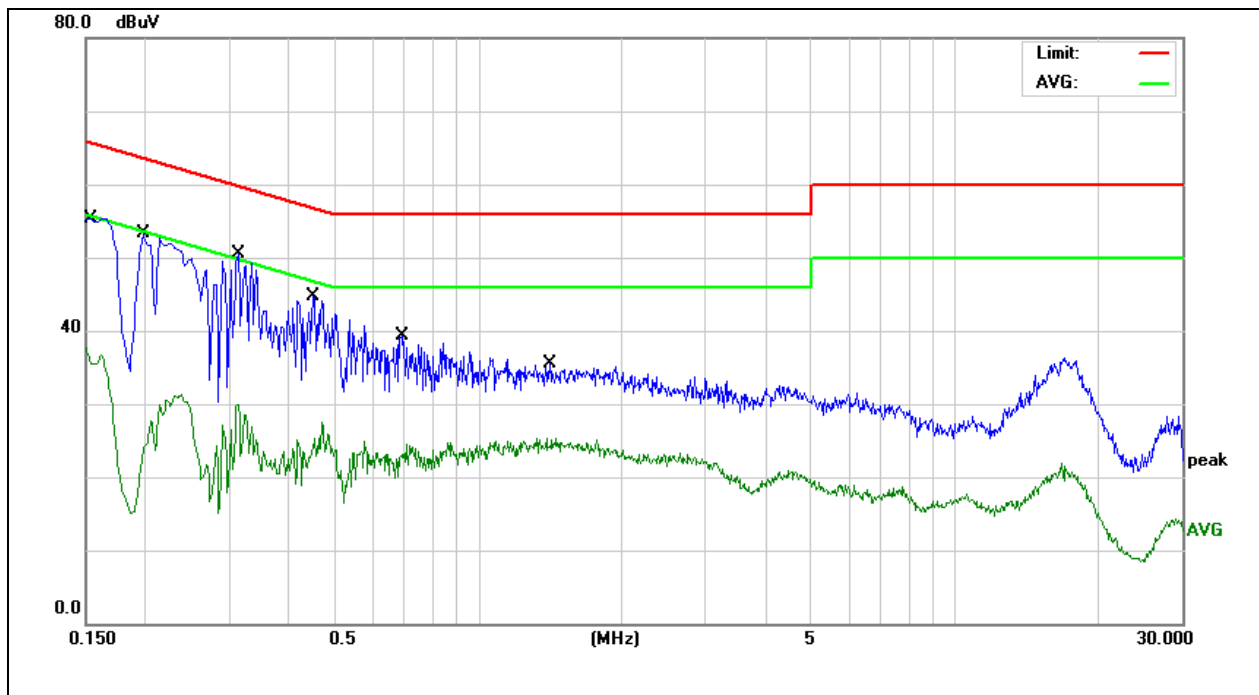
Site: 843 **Phase:** N **Temperature(C):** 22.6(C)
Limit: FCC Part 15 Class B Conduction(QP) **Humidity(%):** 54.8%
EUT: Switching Power Adapter **Test Time:** 2019-11-11
M/N.: HT39B-0603000US **Power Rating:** AC 120V/60Hz
Mode: Full Load **Test Engineer:** Jack
Note:

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.2620	30.24	9.90	40.14	61.36	-21.22	QP	
2	0.2620	15.55	9.90	25.45	51.36	-25.91	AVG	
3	0.4580	28.21	9.93	38.14	56.73	-18.59	QP	
4	0.4580	12.44	9.93	22.37	46.73	-24.36	AVG	
5	0.6580	26.72	9.98	36.70	56.00	-19.30	QP	
6	0.6580	11.86	9.98	21.84	46.00	-24.16	AVG	
7 *	1.7140	29.97	9.84	39.81	56.00	-16.19	QP	
8	1.7140	18.40	9.84	28.24	46.00	-17.76	AVG	
9	3.6260	24.07	9.81	33.88	56.00	-22.12	QP	
10	3.6260	13.56	9.81	23.37	46.00	-22.63	AVG	
11	16.5660	29.88	9.93	39.81	60.00	-20.19	QP	
12	16.5660	20.40	9.93	30.33	50.00	-19.67	AVG	



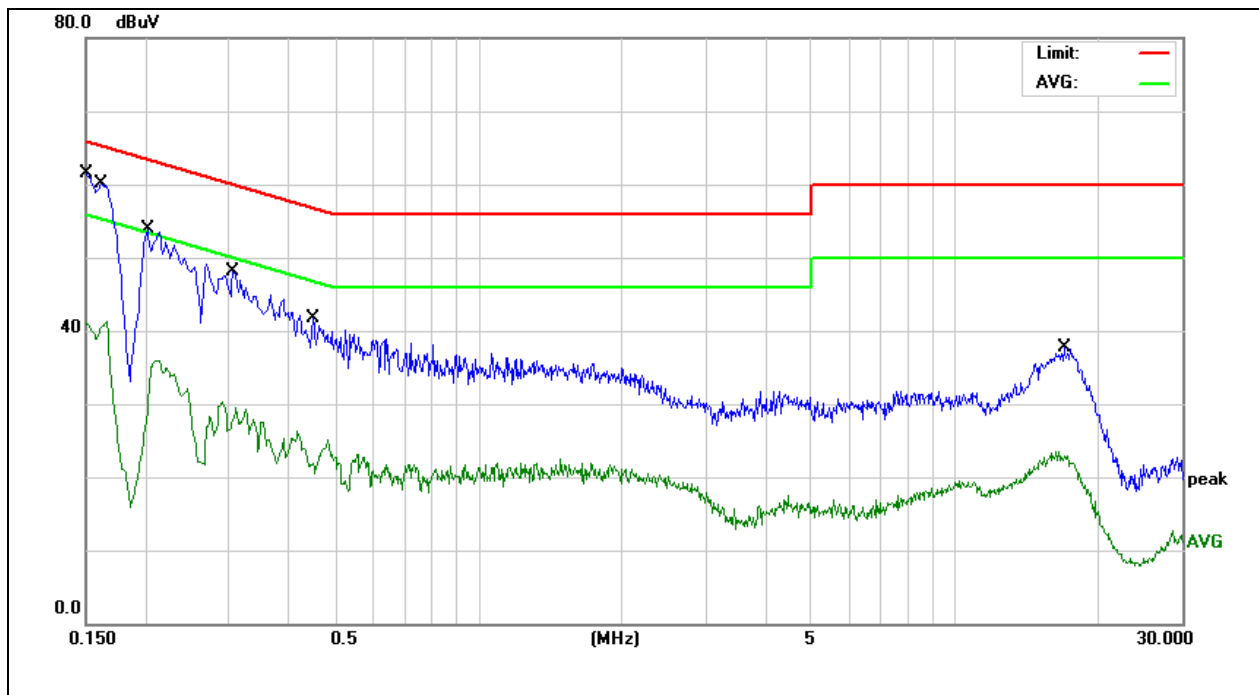
Site: 843	Phase: L1	Temperature(C): 22.6(C)
Limit: FCC Part 15 Class B Conduction(QP)		Humidity(%): 54.8%
EUT: Switching Power Adapter	Test Time: 2019-11-11	
M/N.: HT39B-0603000US	Power Rating: AC 120V/60Hz	
Mode: Full Load	Test Engineer: Jack	
Note:		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.2700	35.96	9.90	45.86	61.12	-15.26	QP	
2	0.2700	22.32	9.90	32.22	51.12	-18.90	AVG	
3	0.3700	31.27	9.93	41.20	58.50	-17.30	QP	
4	0.3700	13.62	9.93	23.55	48.50	-24.95	AVG	
5	0.5620	32.81	9.95	42.76	56.00	-13.24	QP	
6	0.5620	17.88	9.95	27.83	46.00	-18.17	AVG	
7	1.2700	31.50	9.97	41.47	56.00	-14.53	QP	
8	1.2700	19.03	9.97	29.00	46.00	-17.00	AVG	
9 *	3.2659	34.12	9.86	43.98	56.00	-12.02	QP	
10	3.2659	23.95	9.86	33.81	46.00	-12.19	AVG	
11	16.2939	32.96	9.94	42.90	60.00	-17.10	QP	
12	16.2939	23.39	9.94	33.33	50.00	-16.67	AVG	



Site: 843	Phase:N	Temperature(C):22.6(C)
Limit: FCC Part 15 Class B Conduction(QP)		Humidity(%):54.8%
EUT: Switching Power Adapter	Test Time: 2019-11-11	
M/N.: HT39B-1601100US	Power Rating: AC 120V/60Hz	
Mode: Full Load	Test Engineer: Jack	
Note:		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.1539	42.14	9.85	51.99	65.78	-13.79	QP	
2	0.1539	24.79	9.85	34.64	55.78	-21.14	AVG	
3	0.1980	36.54	9.92	46.46	63.69	-17.23	QP	
4	0.1980	10.39	9.92	20.31	53.69	-33.38	AVG	
5 *	0.3140	36.30	9.89	46.19	59.86	-13.67	QP	
6	0.3140	18.47	9.89	28.36	49.86	-21.50	AVG	
7	0.4500	27.48	9.93	37.41	56.87	-19.46	QP	
8	0.4500	13.59	9.93	23.52	46.87	-23.35	AVG	
9	0.6900	22.61	9.98	32.59	56.00	-23.41	QP	
10	0.6900	12.37	9.98	22.35	46.00	-23.65	AVG	
11	1.4140	20.73	9.92	30.65	56.00	-25.35	QP	
12	1.4140	14.34	9.92	24.26	46.00	-21.74	AVG	



Site: 843	Phase: L1	Temperature(C): 22.6(C)
Limit: FCC Part 15 Class B Conduction(QP)		Humidity(%): 54.8%
EUT: Switching Power Adapter	Test Time: 2019-11-11	
M/N.: HT39B-1601100US	Power Rating: AC 120V/60Hz	
Mode: Full Load	Test Engineer: Jack	
Note:		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1 *	0.1500	45.14	9.80	54.94	65.99	-11.05	QP	
2	0.1500	27.03	9.80	36.83	55.99	-19.16	AVG	
3	0.1620	43.88	9.82	53.70	65.36	-11.66	QP	
4	0.1620	27.23	9.82	37.05	55.36	-18.31	AVG	
5	0.2020	38.61	9.88	48.49	63.52	-15.03	QP	
6	0.2020	20.08	9.88	29.96	53.52	-23.56	AVG	
7	0.3060	30.46	9.91	40.37	60.08	-19.71	QP	
8	0.3060	16.53	9.91	26.44	50.08	-23.64	AVG	
9	0.4500	25.37	9.93	35.30	56.87	-21.57	QP	
10	0.4500	11.37	9.93	21.30	46.87	-25.57	AVG	
11	16.9900	21.12	9.97	31.09	60.00	-28.91	QP	
12	16.9900	10.69	9.97	20.66	50.00	-29.34	AVG	

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

Frequency MHz	Class A (at 10m)		<input checked="" type="checkbox"/> Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 ~ 88	90	39	100	40
88 ~ 216	150	43.5	150	43.5
216 ~ 960	210	46.4	200	46
960 ~ 1000	300	49.5	500	54

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (GHz)	<input type="checkbox"/> Class A (dBuV/m) (at 3m)		<input type="checkbox"/> Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000MHz	80	60	74	54

NOTE:

- (1) The limit for radiated test was performed according to FCC Part15, Subpart B.
- (2) The tighter limit applies at the band edges;
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m),
3m Emission level = 10m Emission level + 20log(10m/3m);
- (4) The bandwidth of the Receiver is set at 120 kHz.
- (5) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor,
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use),
 Margin Level = Measurement Value - Limit Value.

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

3.2.2 MEASUREMENT INSTRUMENTS LIST

3m Radiated Emission Measurement 30MHz-1GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	Rohde & Schwarz	ESPI	100502	2020-11-28
2	Pre-Amplifier	HP	8447D	2727A06172	2020-05-19
3	Bilog Antenna	Schwarzbeck	VULB9163	VULB9163-588	2020-05-19
4	RF Cable	N/A	N/A	6#	2020-05-19
5	RF Cable	N/A	N/A	1-1#	2020-05-19
6	Test Software	Farad	EZ-EMC Ver:ANCI-3A1	N/A	N/A

3m Radiated Emission Measurement 1GHz-18GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Rohde & Schwarz	FSV40	US40240623	2020-11-28
2	Low noise Amplifiers	A-INFO	LA1018N4009	J1013130524001	2020-05-19
3	Horn antenna	A-INFO	LB-10180-SF	J2031090612123	2020-05-19
4	RF Cable	N/A	N/A	1-2#	2020-05-19
5	RF Cable	N/A	N/A	7#	2020-05-19
6	Test Software	Farad	EZ-EMC Ver:ANCI-3A1	N/A	N/A

Remark: " N/A" denotes No Model No. / Serial No. and No Calibration specified.

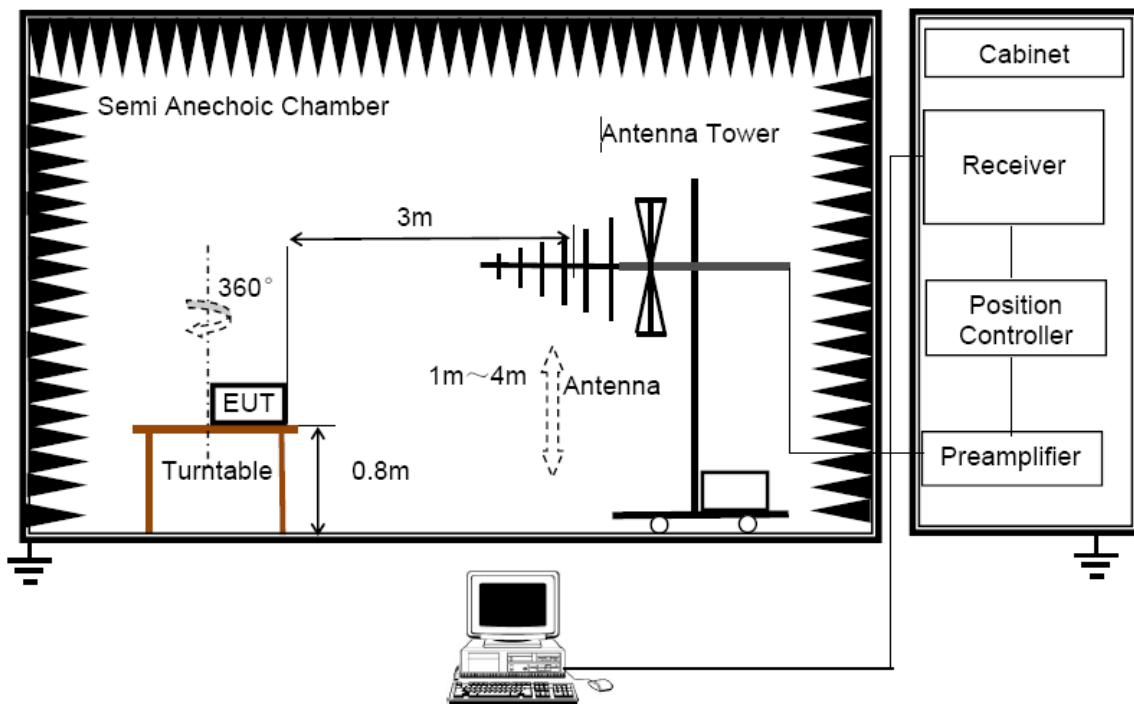
3.2.3 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. 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 Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.2.4 DEVIATION FROM TEST STANDARD

No deviation

3.2.5 TEST SETUP



3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 3.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

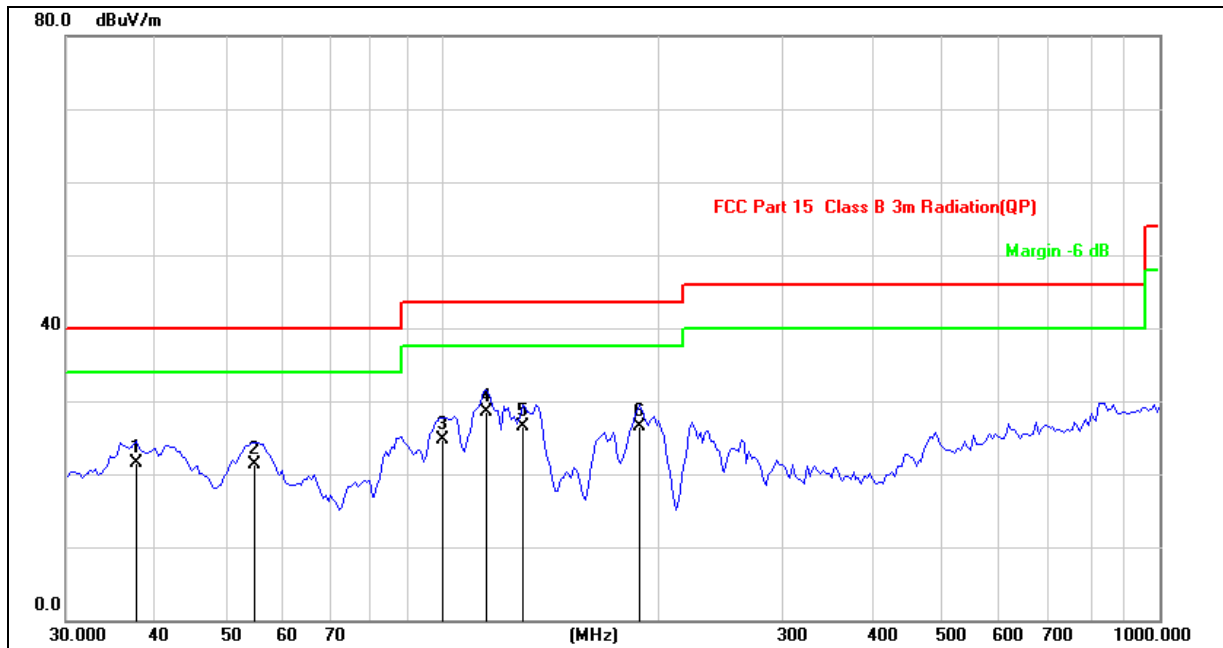


3.2.7 TEST RESULTS

EUT:	Switching Power Adapter	Model No. :	HT39B-0603000US HT39B-1601100US
Temperature:	21.4℃	Relative Humidity:	55.6 %
Pressure:	1008 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Full Load		

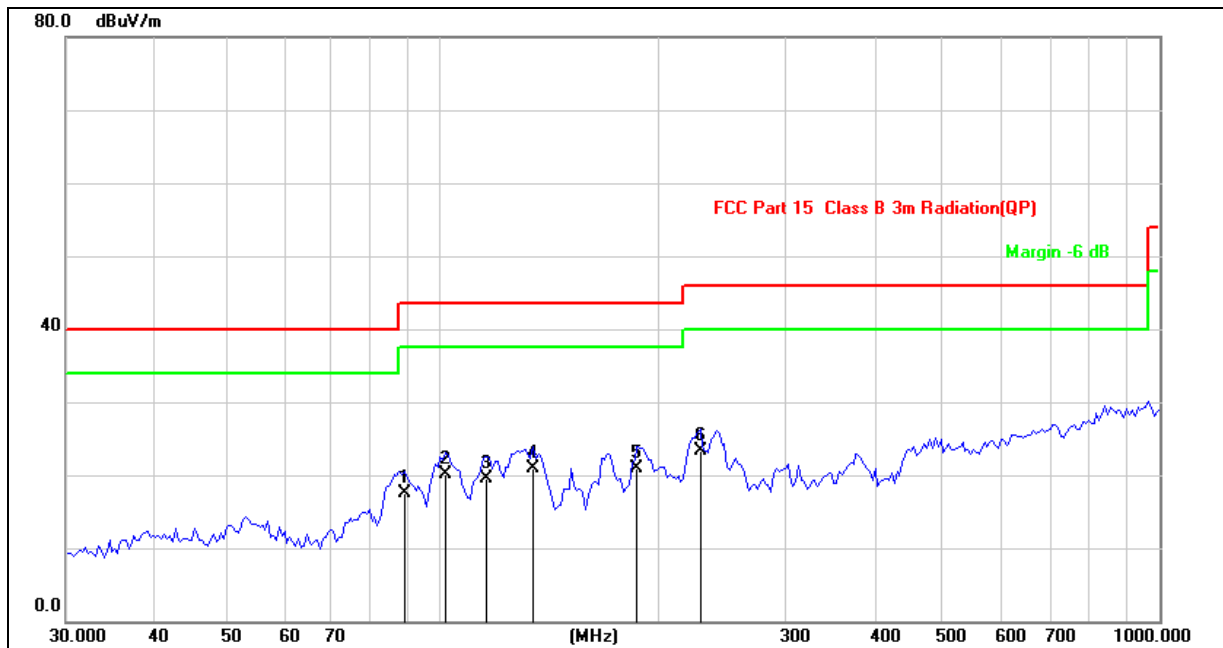
Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Detector or Peak Detector.
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table.
- (5) This test was carried out in 3m anechoic chamber.



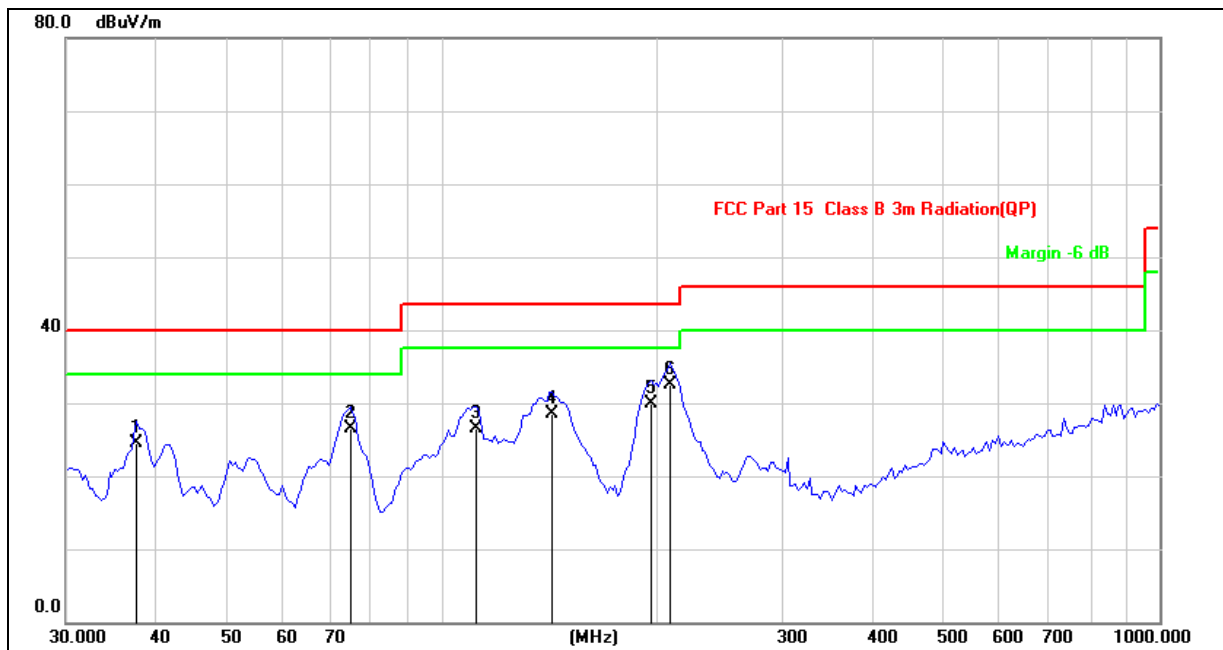
Site: LAB **Antenna::**Vertical **Temperature(C):**21.4(C)
Limit: FCC Part 15 Class B 3m Radiation(QP) **Humidity(%):**55.6%
EUT: Switching Power Adapter **Test Time:** 2019/11/11
M/N.: HT39B-0603000US **Power Rating:** AC 120V/60Hz
Mode: Full Load **Test Engineer:** Jack
Note:

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	37.6798	37.84	-16.41	21.43	40.00	-18.57	QP
2	54.9310	37.54	-16.18	21.36	40.00	-18.64	QP
3	100.5806	40.41	-15.67	24.74	43.50	-18.76	QP
4 *	115.7256	45.01	-16.58	28.43	43.50	-15.07	QP
5	129.6950	43.90	-17.43	26.47	43.50	-17.03	QP
6	189.0743	43.35	-16.93	26.42	43.50	-17.08	QP



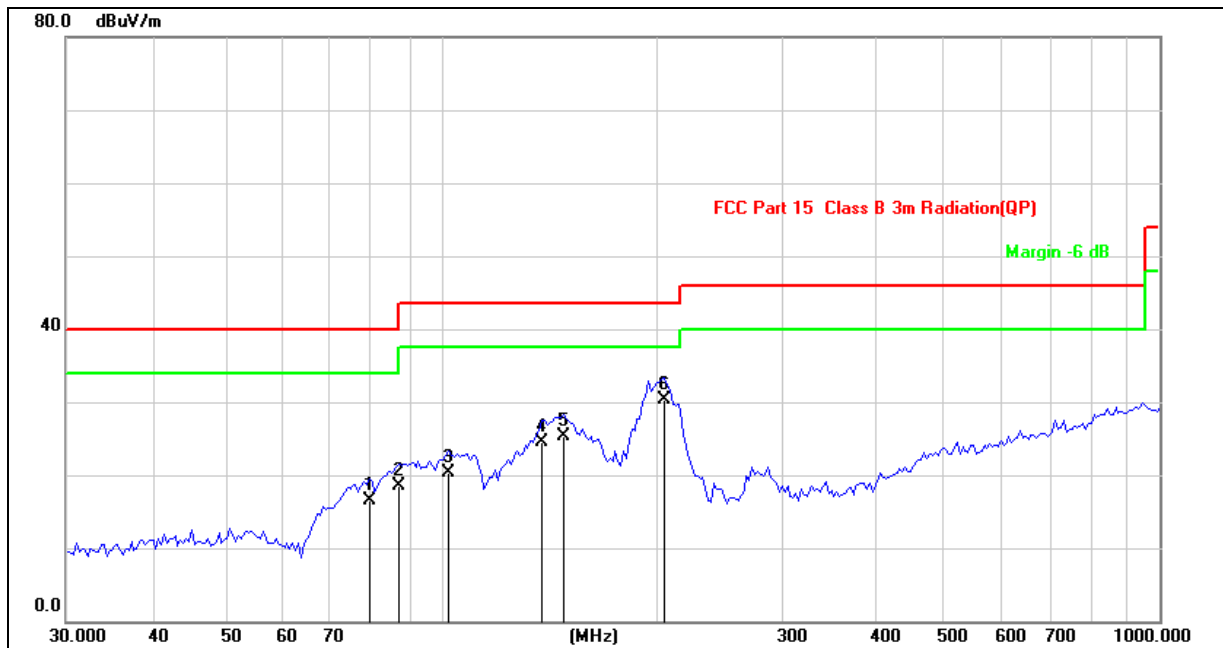
Site: LAB	Antenna:: Horizontal	Temperature(C): 21.4(C)
Limit: FCC Part 15 Class B 3m Radiation(QP)		Humidity(%): 55.6%
EUT: Switching Power Adapter	Test Time:	2019/11/11
M/N.: HT39B-0603000US	Power Rating:	AC 120V/60Hz
Mode: Full Load	Test Engineer:	Jack
Note:		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	88.9639	35.41	-17.89	17.52	43.50	-25.98	QP
2	101.4663	35.75	-15.74	20.01	43.50	-23.49	QP
3	115.7256	36.16	-16.58	19.58	43.50	-23.92	QP
4	134.3235	38.62	-17.70	20.92	43.50	-22.58	QP
5 *	187.4241	37.98	-17.00	20.98	43.50	-22.52	QP
6	229.2931	38.20	-14.88	23.32	46.00	-22.68	QP



Site: LAB	Antenna:: Vertical	Temperature(C): 21.4(C)
Limit: FCC Part 15 Class B 3m Radiation(QP)		Humidity(%): 55.6%
EUT: Switching Power Adapter	Test Time: 2019/11/11	
M/N.: HT39B-1601100US	Power Rating: AC 120V/60Hz	
Mode: Full Load	Test Engineer: Jack	
Note:		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	37.6798	40.88	-16.41	24.47	40.00	-15.53	QP
2	74.6569	46.51	-20.09	26.42	40.00	-13.58	QP
3	111.7380	42.87	-16.35	26.52	43.50	-16.98	QP
4	142.8243	46.71	-18.21	28.50	43.50	-15.00	QP
5	195.8220	46.63	-16.63	30.00	43.50	-13.50	QP
6 *	208.2148	48.58	-16.01	32.57	43.50	-10.93	QP



Site: LAB	Antenna:: Horizontal	Temperature(C): 21.4(C)
Limit: FCC Part 15 Class B 3m Radiation(QP)		Humidity(%): 55.6%
EUT: Switching Power Adapter	Test Time:	2019/11/11
M/N.: HT39B-1601100US	Power Rating:	AC 120V/60Hz
Mode: Full Load	Test Engineer:	Jack
Note:		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	79.3816	36.85	-20.30	16.55	40.00	-23.45	QP
2	87.4177	36.84	-18.36	18.48	40.00	-21.52	QP
3	102.3597	36.08	-15.79	20.29	43.50	-23.21	QP
4	137.9028	42.43	-17.91	24.52	43.50	-18.98	QP
5	147.9214	43.79	-18.52	25.27	43.50	-18.23	QP
6 *	204.5961	46.48	-16.21	30.27	43.50	-13.23	QP

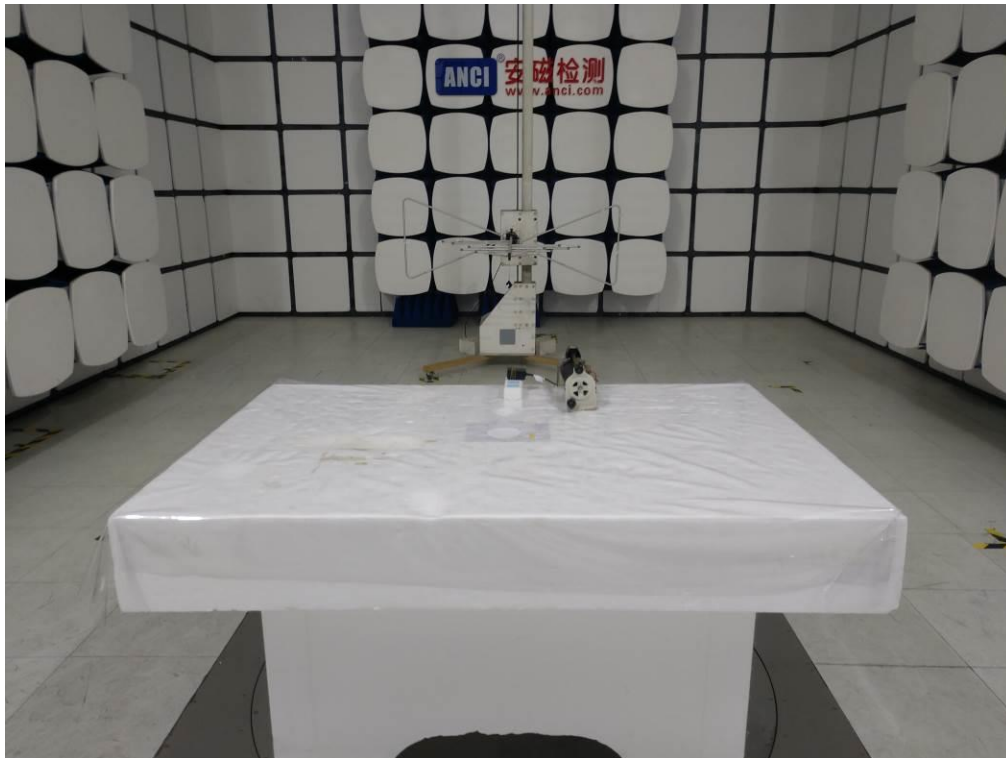
4. ATTACHMENT

4.1 EUT TEST PHOTO

Conducted Emission Measurement Photo



Radiated Measurement Photo



4.2 EUT PRODUCT PHOTO



Figure 1. Overall view of unit



Figure 2. Overall view of unit



Figure 3. Inside view of unit



Figure 4. Inside view of unit

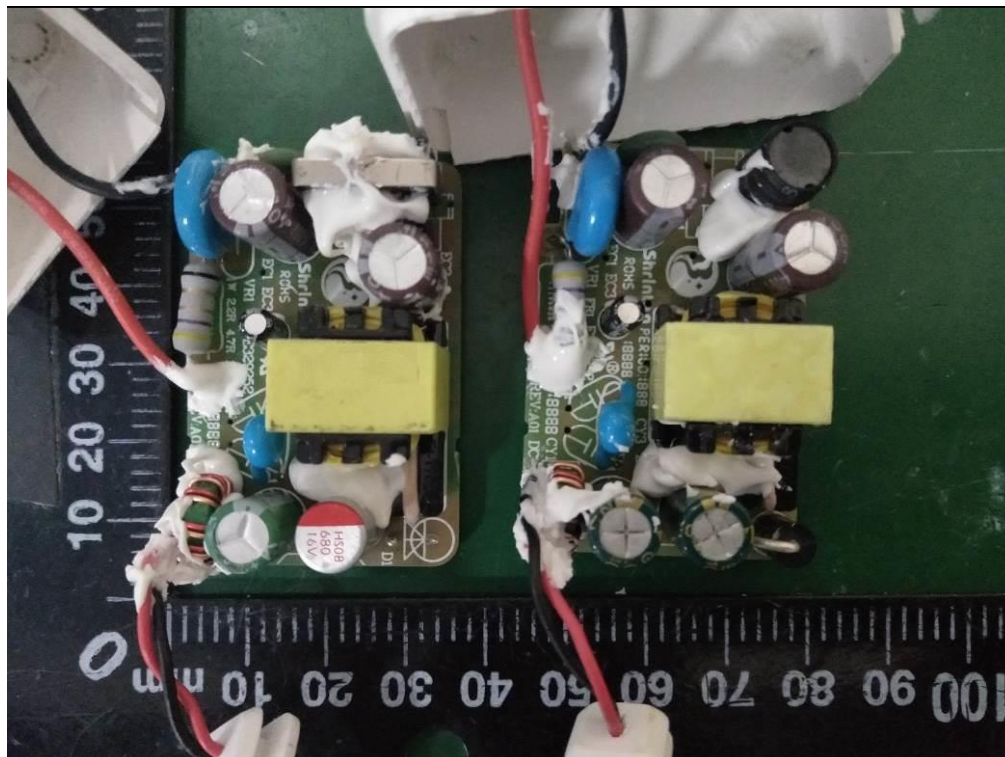


Figure 5. Top view of PCB

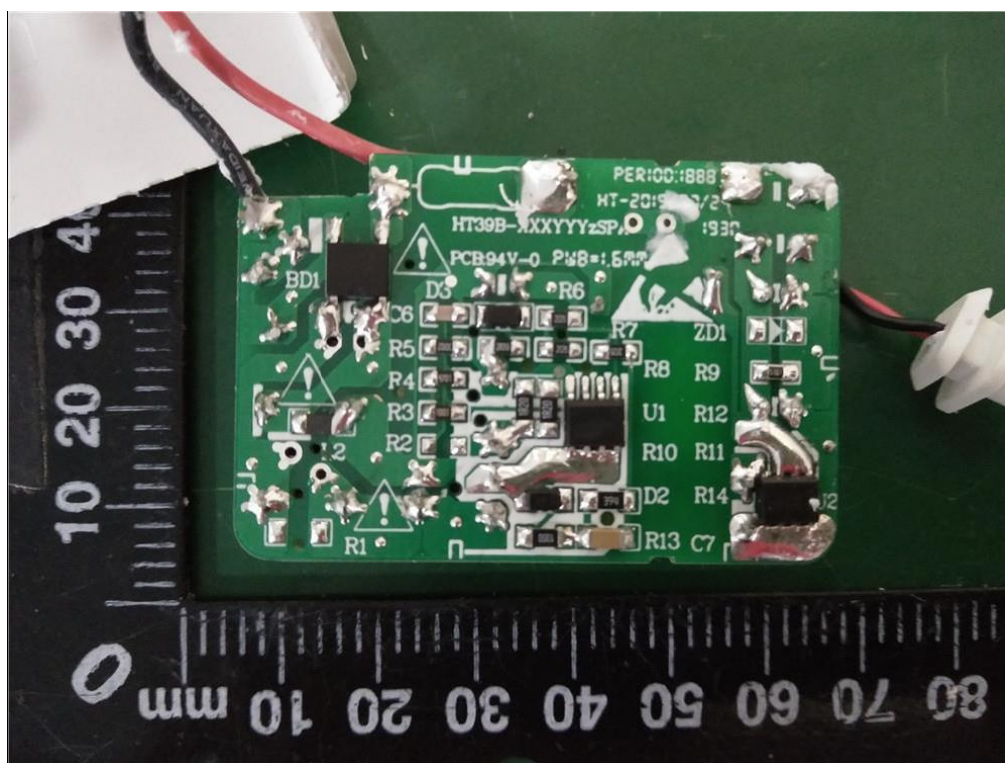


Figure 6. Bottom view of PCB

***** End of Page *****