

EMC Test Report



(Declaration of Conformity)

For
Electromagnetic Interference
Of

Product : AC/DC ADAPTER

Trade Mark : XVE

Model Number :

XVE-1570800A, XVE-5500229A,
XVE-8800143A, XVE-XXXYYYYA,
XVE-XXXYYYYY, XVE126-XXXYYYYY(XXX
represents output voltage 8.0 V-88.0 V, indicating
080-880, incrementing by 0.1V step; YYYA &
YYYY stands for output current 1.0 A-8.0 A,
which represents 0100-0800, incrementing by
0.01A step.)

Prepared for

JIN XIN YU POWER(SHENZHEN) SUPPLY CO.,LTD.

3-4F, No.38 yuanxinlu, Tongle, Longgang, Shenzhen 518116 P.R.China

Prepared by

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TEST RESULT CERTIFICATION

Applicant's Name : JIN XIN YU POWER(SHENZHEN) SUPPLY CO.,LTD.

Address : 3-4F, No.38 yuanxinlu, Tongle, Longgang, Shenzhen 518116
P.R.China

Manufacture's Name : JIN XIN YU POWER(SHENZHEN) SUPPLY CO.,LTD.

Address : 3-4F, No.38 yuanxinlu, Tongle, Longgang, Shenzhen 518116
P.R.China

Product description

Product name : AC/DC ADAPTER

XVE-1570800A, XVE-5500229A, XVE-8800143A,
XVE-XXXXYYA, XVE-XXXXYYY, XVE126-XXXXYYY (XXX

Model and/or type reference : represents output voltage 8.0 V-88.0 V, indicating 080-880,
incrementing by 0.1V step; YYYA & YYYY stands for output
current 1.0 A-8.0 A, which represents 0100-0800, incrementing
by 0.01A step.)

Standards : AS/NZS CISPR 14.1:2013

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

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Date of Test :

Date (s) of performance of tests : 14 Aug. 2017~06 Dec. 2017

Date of Issue : 06 Dec. 2017

Test Result : **Pass**

Testing Engineer :

Jane W

(Jane Lv)

Technical Manager :

Sky Zhang

(Sky Zhang)

Authorized Signatory :

Sam Chen

(Sam Chen)



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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
AS/NZS CISPR 14.1:2013	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report

(2) For client's request and manual description, the test will not be executed.

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street Bao'an District, Shenzhen 518126 P.R. China

CNAS-Lab. : The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)
The Certificate Registration Number is L5516

IC-Registration : The Certificate Registration Number is 9270A-1

FCC- Accredited : Test Firm Registration Number: 463705
Designation Number: CN1184

A2LA-Lab. : The Certificate Registration Number is 4298.01
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test Item	Measurement Frequency Range	K	U(dB)
AC Mains Conducted Emission	0.009kHz ~ 0.15MHz	2	2.66
AC Mains Conducted Emission	0.15MHz ~ 30MHz	2	2.80
Telecom Conducted Emission (Cat 3)	0.15MHz ~ 30MHz	2	2.40
Telecom Conducted Emission (Cat 5)	0.15MHz ~ 30MHz	2	2.58
Radiated Emission	30MHz ~ 1000MHz	2	2.64
Radiated Emission	1000MHz ~ 6000MHz	2	2.40
Radiated Emission	6000MHz ~ 18000MHz	2	2.52
Power Clamp	30MHz ~ 300MHz	2	2.20

Revision History

[illegible]

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC/DC ADAPTER	
Model Name	XVE-1570800A, XVE-5500229A, XVE-8800143A	
Additional Model Number(s)	XVE-XXXYYYYA, XVE-XXXYYYYY, XVE126-XXXYYYYY(XXX represents output voltage 8.0 V-88.0 V, indicating 080-880, incrementing by 0.1V step; YYYYYA & YYYYY stands for output current 1.0 A-8.0 A, which represents 0100-0800, incrementing by 0.01A step.)	
Model Difference	All models are identical except model output current and output voltage.	
Product Description	The EUT is an AC/DC ADAPTER.	
	Operating frequency:	N/A
	Connecting I/O port:	N/A
	Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as a Household Device. More details of EUT technical specifications, please refer to the User's Manual.	
Power Source	AC Voltage	
Power Rating	Input: AC 100-240V, 50/60Hz, 2.5A Max. Output: DC 8.0-88.0V, 1.0-8.0A, 126W Max.	

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

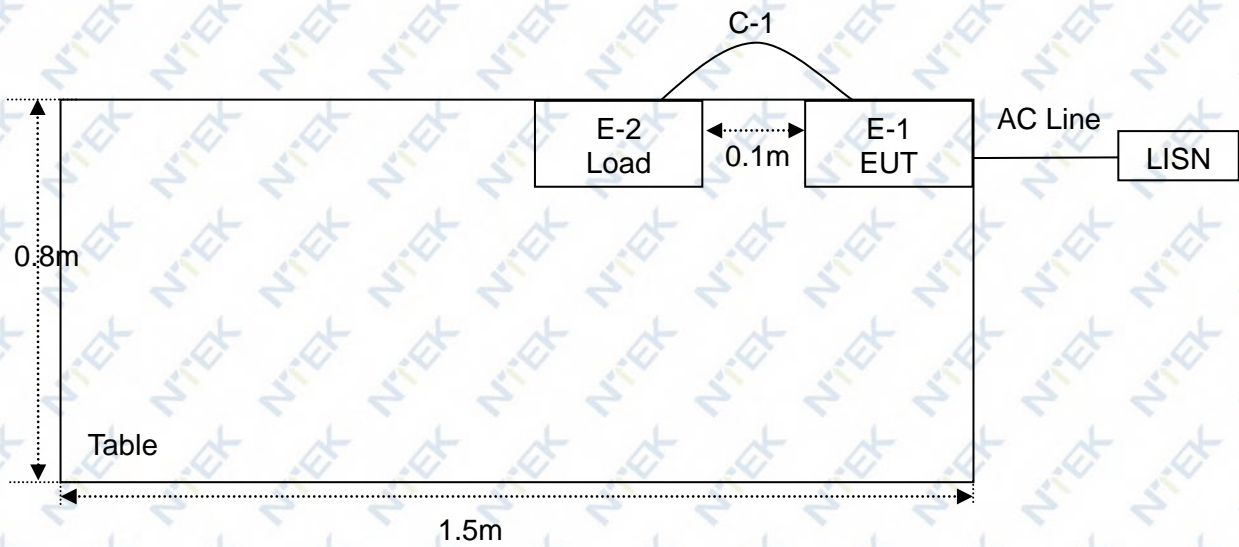
Pretest Mode	Description
Mode 1	Full Load

For Conducted Test	
Final Test Mode	Description
Mode 1	Full Load

For Radiated Test	
Final Test Mode	Description
Mode 1	Full Load

2.3 DESCRIPTION OF TEST SETUP

Mode CE: Full Load



2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

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	Brand	Model/Type No.	Series No.	Note
E-1	AC/DC ADAPTER	XVE	XVE-1570800A, XVE-5500229A, XVE-8800143A	N/A	EUT
E-2	Load	N/A	N/A	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	80cm	

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” “with core”; “NO” means “unshielded” “without core”.

2.5 MEASUREMENT INSTRUMENTS LIST

2.5.1 CONDUCTED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	LISN	R&S	ENV216	101490	Oct. 19, 2017	Oct. 18, 2018	1 year
2	LISN	R&S	ENV216	101313	Apr. 19, 2017	Apr. 18, 2018	1 year
3	LISN	SCHWARZBECK	NNLK 8129	8129245	Jun. 06, 2017	Jun. 05, 2018	1 year
4	50Ω Switch	Anritsu	MP59B	6200983704	Jun. 06, 2017	Jun. 05, 2018	1 year
5	Low frequency cable	N/A	C-01	N/A	Jun. 06, 2017	Jun. 05, 2020	3 years
6	EMI Test Receiver	R&S	ESCI	101160	Jun. 06, 2017	Jun. 05, 2018	1 year

2.5.2 RADIATED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Absorbing Clamp	R&S	MDS-21	100423	Aug. 10, 2017	Aug. 09, 2018	1 year
2	50Ω Switch	Anritsu	MP59B	6200983704	Jun. 06, 2017	Jun. 05, 2018	1 year
3	Test Cable	N/A	P-01	N/A	Jun. 26, 2016	Jun. 25, 2019	3 years
4	Bilog Antenna	TESEQ	CBL6111D	31216	Apr. 09, 2017	Apr. 08, 2018	1 year
5	Test Cable	N/A	R-03	N/A	Jun. 26, 2016	Jun. 25, 2019	3 years
6	Test Cable	N/A	R-01	N/A	Aug. 08, 2016	Aug. 07, 2019	3 years
7	EMI Test Receiver	R&S	ESCI	101160	Jun. 06, 2017	Jun. 05, 2018	1 year
8	Spectrum Analyzer	Agilent	E4440A	MY41000130	Apr. 10, 2017	Apr. 09, 2018	1 year
9	Antenna Mast	SKET	N/A	N/A	N/A	N/A	N/A
10	Antenna Mast	EM	SC100	N/A	Apr. 26, 2017	Apr. 25, 2020	3 years
11	Turn Table	EM	SC100 _1	60531	Apr. 26, 2017	Apr. 25, 2020	3 years
12	50Ω Switch	Anritsu	MP59B	6200983705	Jun. 06, 2017	Jun. 05, 2018	1 year
13	Broadband Horn Antenna	EM	EM-AH-10180	2011071402	Apr. 09, 2017	Apr. 08, 2018	1 year
14	Pre-Amplifier	EMC	EMC051835SE	980246	Aug. 07, 2017	Aug. 06, 2018	1 year

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

Frequency Range (MHz)	At mains terminals		At load terminals and additional terminals	
	Quasi-peak (dBuV)	Average (dBuV)	Quasi-peak (dBuV)	Average (dBuV)
0.15 -0.5	66 - 56 *	56 - 46 *	80.00	70.00
0.50 -5.0	56.00	46.00	74.00	64.00
5.0 -30.0	60.00	50.00	74.00	64.00

3.1.2 MAINS TERMINALS OF TOOLS

Frequency Range (MHz)	Rated motor power not exceeding 700W		Rated motor power above 700W and not exceeding 1 000 W		Rated motor power above 1 000 W	
	dB (uV) Quasi-peak	dB (uV) Average**	dB (uV) Quasi-peak	dB (uV) Average**	dB (uV) Quasi-peak	dB (uV) Average**
0.15 -0.5	66.0 to 59.0*	59.0 to 49.0*	70.0 to 63.0*	63.0 to 53.0*	76.0 to 69.0*	69.0 to 59.0*
0.50 -5.0	59.0	49.0	63.0	53.0	69.0	59.0
5.0 -30.0	64.0	54.0	68.0	58.0	74.0	64.0

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) "***" If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the equipment under test shall be deemed to meet both limits and the measurement using the receiver with an average detector need not be carried out.

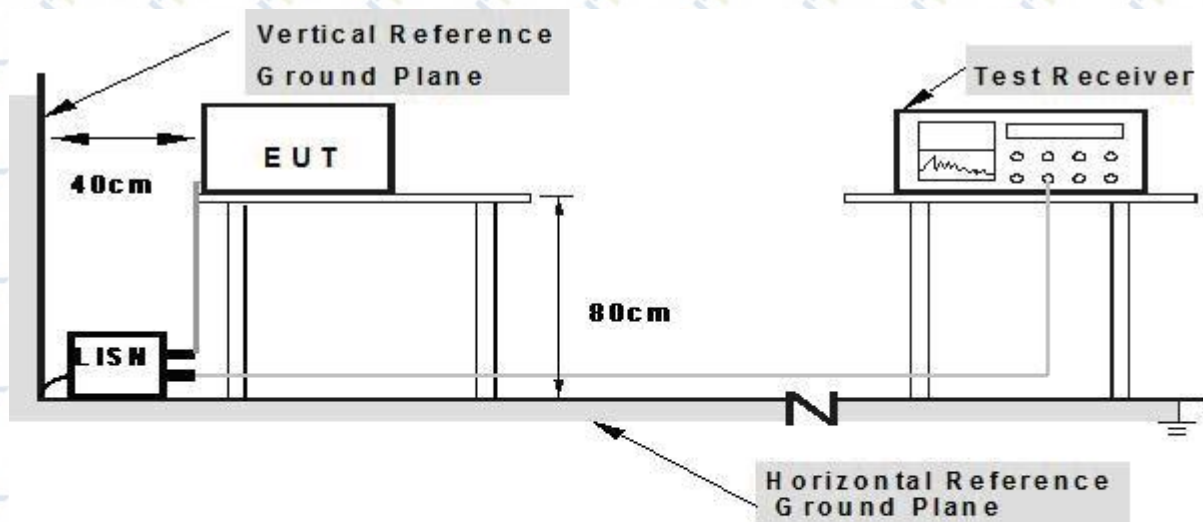
The following table is the setting of the receiver

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

3.1.3 TEST PROCEDURE

- 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 equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 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.
- 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.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

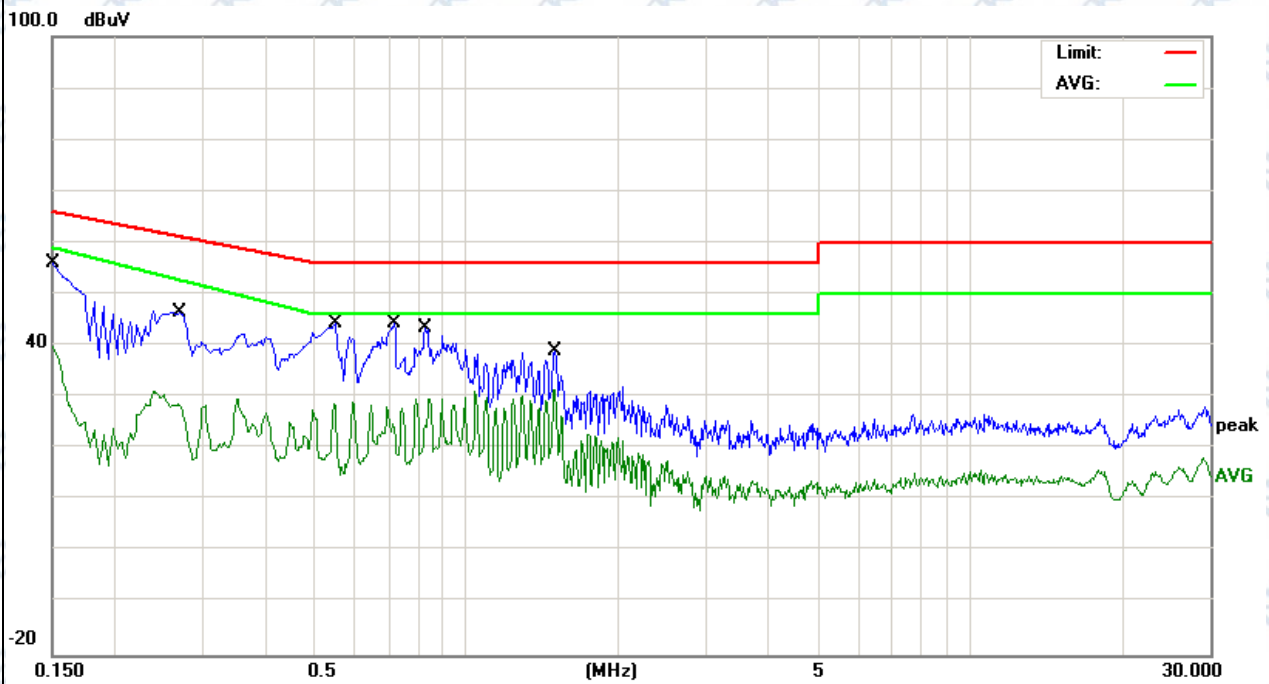
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

3.1.6 TEST RESULTS

EUT :	AC/DC ADAPTER	Model Name. :	XVE-1570800A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	L
Test Voltage :	AC 264V/50Hz		

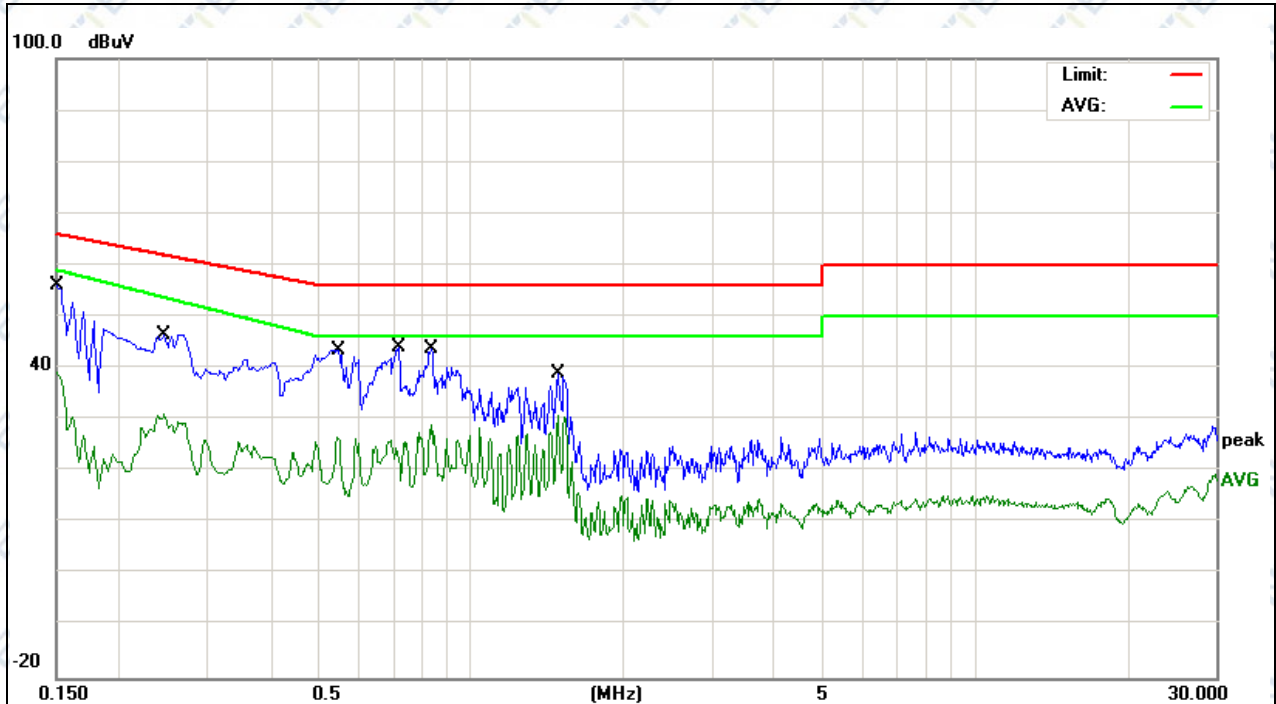


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1500	46.17	9.82	55.99	65.99	-10.00	QP	
2		0.1500	29.93	9.82	39.75	58.99	-19.24	AVG	
3		0.2700	36.53	9.82	46.35	61.12	-14.77	QP	
4		0.2700	20.65	9.82	30.47	52.65	-22.18	AVG	
5		0.5500	34.40	9.83	44.23	56.00	-11.77	QP	
6		0.5500	19.14	9.83	28.97	46.00	-17.03	AVG	
7		0.7180	34.58	9.84	44.42	56.00	-11.58	QP	
8		0.7180	18.55	9.84	28.39	46.00	-17.61	AVG	
9		0.8300	33.43	9.87	43.30	56.00	-12.70	QP	
10		0.8300	19.89	9.87	29.76	46.00	-16.24	AVG	
11		1.4900	29.01	9.88	38.89	56.00	-17.11	QP	
12		1.4900	21.67	9.88	31.55	46.00	-14.45	AVG	

Remark:

Factor = Insertion Loss + Cable Loss.

EUT :	AC/DC ADAPTER	Model Name. :	XVE-1570800A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	N
Test Voltage :	AC 264V/50Hz		

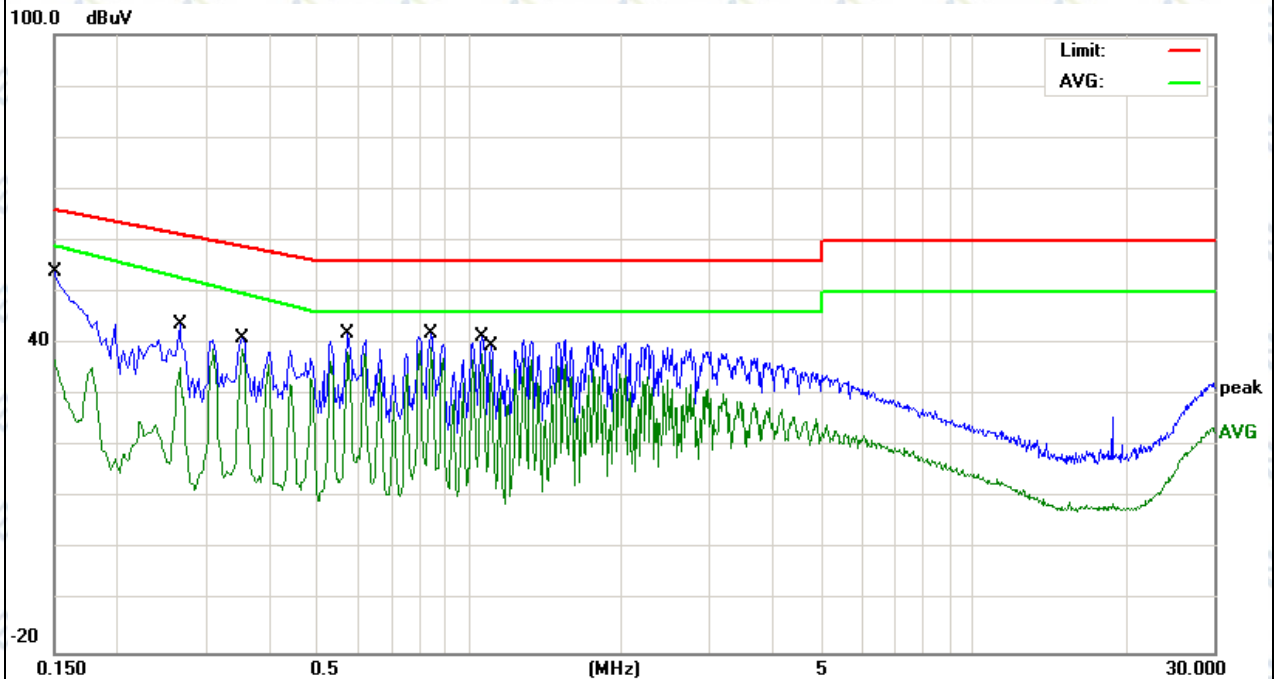


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1500	46.10	9.92	56.02	65.99	-9.97	QP	
2		0.1500	29.23	9.92	39.15	58.99	-19.84	AVG	
3		0.2460	36.55	9.92	46.47	61.89	-15.42	QP	
4		0.2460	21.14	9.92	31.06	53.65	-22.59	AVG	
5		0.5420	33.65	9.93	43.58	56.00	-12.42	QP	
6		0.5420	16.86	9.93	26.79	46.00	-19.21	AVG	
7		0.7180	33.97	9.93	43.90	56.00	-12.10	QP	
8		0.7180	16.02	9.93	25.95	46.00	-20.05	AVG	
9		0.8340	33.93	9.93	43.86	56.00	-12.14	QP	
10		0.8340	19.20	9.93	29.13	46.00	-16.87	AVG	
11		1.4900	28.95	9.93	38.88	56.00	-17.12	QP	
12		1.4900	21.01	9.93	30.94	46.00	-15.06	AVG	

Remark:

Factor = Insertion Loss + Cable Loss.

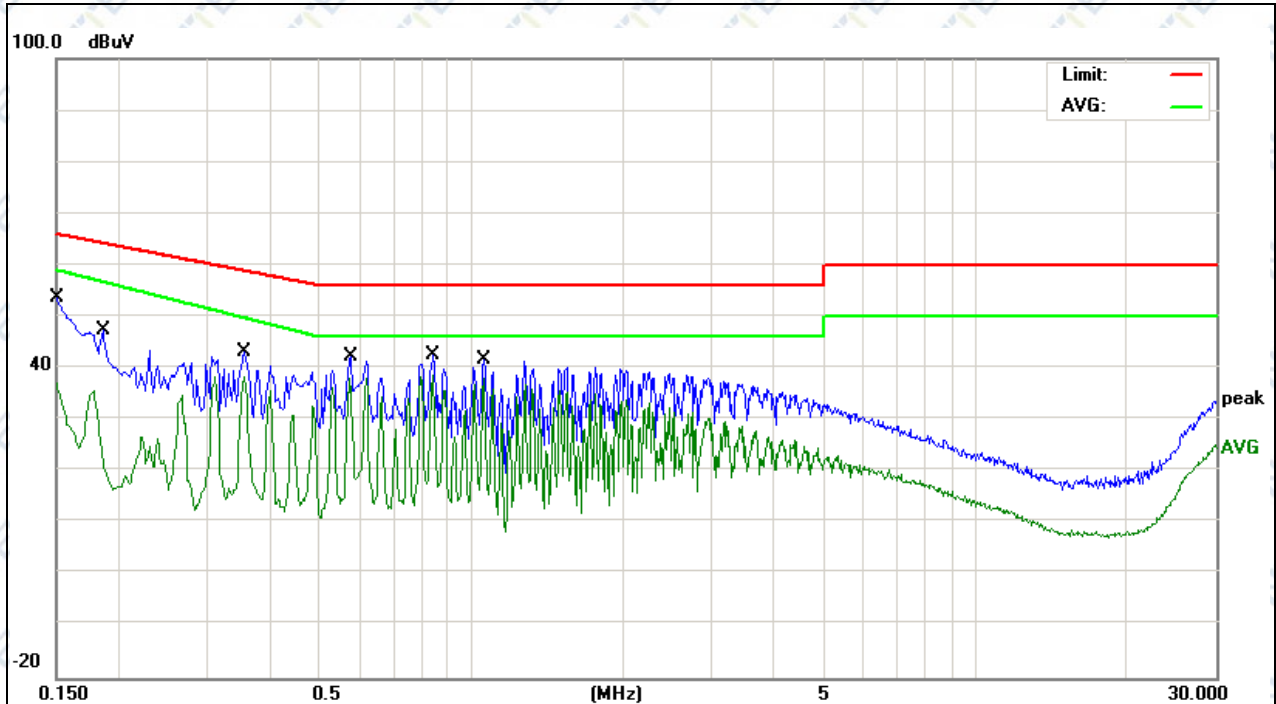
EUT :	AC/DC ADAPTER	Model Name. :	XVE-5500229A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	L
Test Voltage :	AC 264V/50Hz		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1500	44.17	9.82	53.99	65.99	-12.00	QP	
2	0.1500	27.03	9.82	36.85	58.99	-22.14	AVG	
3	0.2660	34.03	9.82	43.85	61.24	-17.39	QP	
4	0.2660	25.48	9.82	35.30	52.81	-17.51	AVG	
5	0.3540	31.26	9.83	41.09	58.87	-17.78	QP	
6	0.3540	29.02	9.83	38.85	49.73	-10.88	AVG	
7	0.5740	32.21	9.83	42.04	56.00	-13.96	QP	
8	0.5740	28.61	9.83	38.44	46.00	-7.56	AVG	
9	0.8420	31.95	9.88	41.83	56.00	-14.17	QP	
10 *	0.8420	29.29	9.88	39.17	46.00	-6.83	AVG	
11	1.0620	28.23	9.92	38.15	46.00	-7.85	AVG	
12	1.1140	31.49	9.92	41.41	56.00	-14.59	QP	

Remark:
Factor = Insertion Loss + Cable Loss.

EUT :	AC/DC ADAPTER	Model Name. :	XVE-5500229A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	N
Test Voltage :	AC 264V/50Hz		

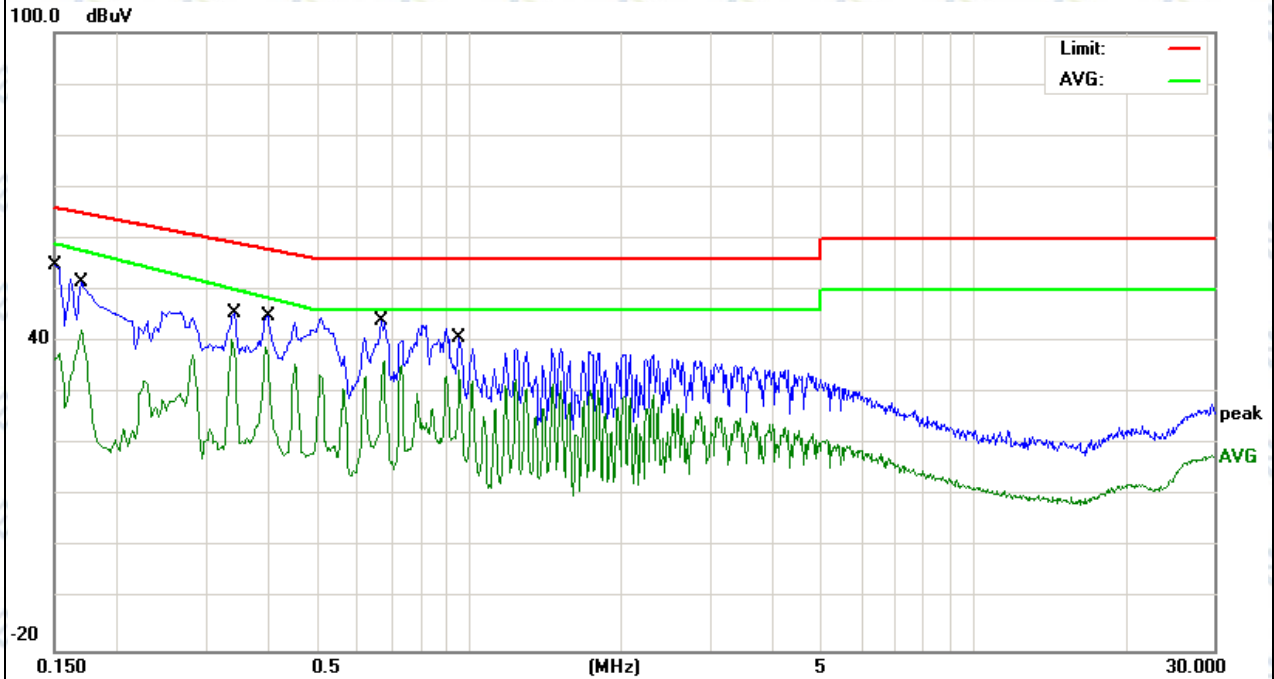


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	43.67	9.92	53.59	65.99	-12.40	QP	
2		0.1500	27.16	9.92	37.08	58.99	-21.91	AVG	
3		0.1860	37.55	9.92	47.47	64.21	-16.74	QP	
4		0.1860	25.67	9.92	35.59	56.67	-21.08	AVG	
5		0.3540	33.15	9.93	43.08	58.87	-15.79	QP	
6		0.3540	28.44	9.93	38.37	49.73	-11.36	AVG	
7		0.5740	32.30	9.93	42.23	56.00	-13.77	QP	
8		0.5740	28.22	9.93	38.15	46.00	-7.85	AVG	
9		0.8380	32.52	9.93	42.45	56.00	-13.55	QP	
10	*	0.8380	28.73	9.93	38.66	46.00	-7.34	AVG	
11		1.0580	31.62	9.93	41.55	56.00	-14.45	QP	
12		1.0580	28.02	9.93	37.95	46.00	-8.05	AVG	

Remark:

Factor = Insertion Loss + Cable Loss.

EUT :	AC/DC ADAPTER	Model Name. :	XVE-8800143A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	L
Test Voltage :	AC 264V/50Hz		

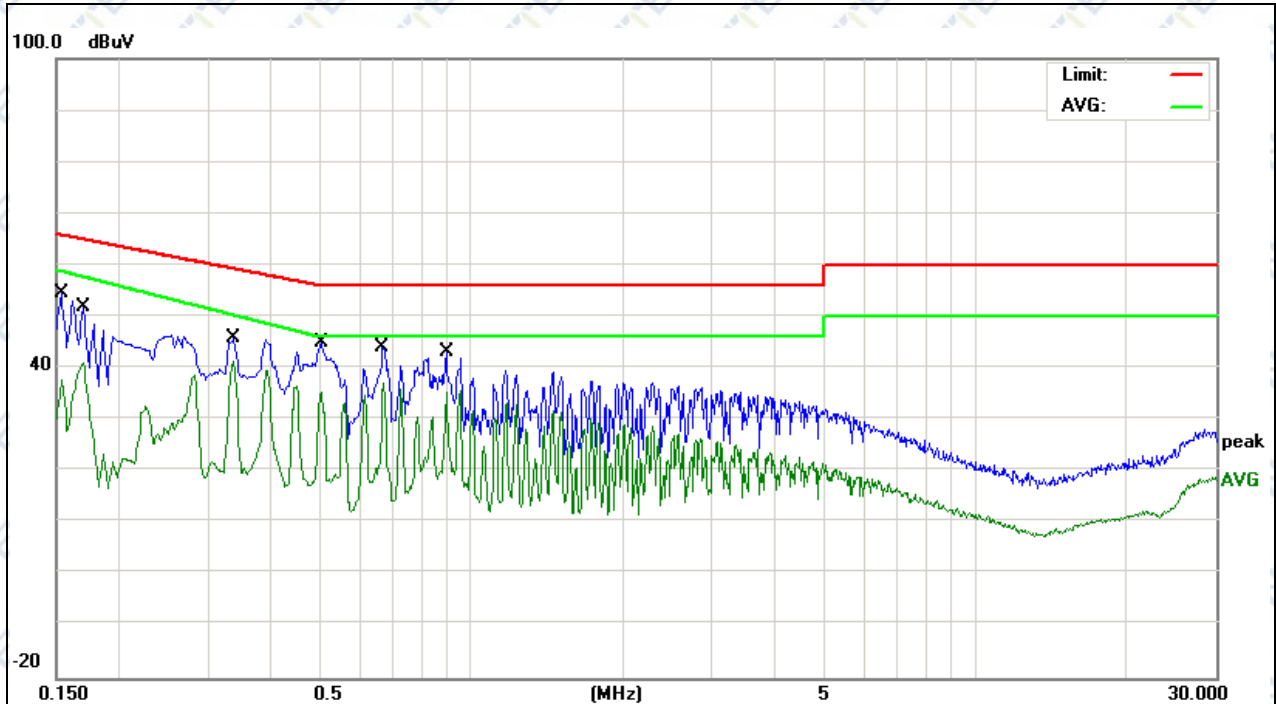


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	45.12	9.82	54.94	65.99	-11.05	QP	
2		0.1500	27.87	9.82	37.69	58.99	-21.30	AVG	
3		0.1700	41.86	9.82	51.68	64.96	-13.28	QP	
4		0.1700	32.52	9.82	42.34	57.64	-15.30	AVG	
5		0.3379	35.79	9.82	45.61	59.25	-13.64	QP	
6		0.3379	30.73	9.82	40.55	50.23	-9.68	AVG	
7		0.3940	35.12	9.83	44.95	57.98	-13.03	QP	
8	*	0.3940	29.14	9.83	38.97	48.57	-9.60	AVG	
9		0.6780	34.21	9.83	44.04	56.00	-11.96	QP	
10		0.6780	26.33	9.83	36.16	46.00	-9.84	AVG	
11		0.9580	33.32	9.92	43.24	56.00	-12.76	QP	
12		0.9580	24.41	9.92	34.33	46.00	-11.67	AVG	

Remark:

Factor = Insertion Loss + Cable Loss.

EUT :	AC/DC ADAPTER	Model Name. :	XVE-8800143A
Temperature:	23°C	Relative Humidity:	42%
Pressure:	1010hPa	Test Date:	2017-11-25
Test Mode :	Full Load	Phase :	N
Test Voltage :	AC 264V/50Hz		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1539	44.72	9.92	54.64	65.78	-11.14	QP	
2		0.1539	27.93	9.92	37.85	58.72	-20.87	AVG	
3		0.1700	41.87	9.92	51.79	64.96	-13.17	QP	
4		0.1700	29.52	9.92	39.44	57.64	-18.20	AVG	
5		0.3379	35.79	9.92	45.71	59.25	-13.54	QP	
6		0.3379	31.28	9.92	41.20	50.23	-9.03	AVG	
7		0.5060	34.92	9.93	44.85	56.00	-11.15	QP	
8		0.5060	25.38	9.93	35.31	46.00	-10.69	AVG	
9		0.6700	34.21	9.93	44.14	56.00	-11.86	QP	
10	*	0.6700	27.17	9.93	37.10	46.00	-8.90	AVG	
11		0.8940	33.12	9.93	43.05	56.00	-12.95	QP	
12		0.8940	25.29	9.93	35.22	46.00	-10.78	AVG	

Remark:

Factor = Insertion Loss + Cable Loss.

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

FREQUENCY (MHz)	At 10m	At 3m
	dBuV/m	d uV/m
30 – 230	30	40
230 – 1000	37	47

3.2.2 LIMITS OF DISTURBANCE POWER MEASUREMENT (Below 1000MHz)

Household and similar appliances			Tools					
Frequency Range			Rated motor power not exceeding 700 W		Rated motor power above 700 W and not exceeding 1 000 W		Rated motor power above 1 000 W	
(MHz)	dB (pW) Quasi-peak	dB (pW) Averag*	dB (pW) Quasi-peak	dB (pW) Averag*	dB (pW) Quasi-peak	dB (pW) Averag*	dB (pW) Quasi-peak	dB (pW) Average *
30-300	44-55	35-45	44-55	35-45	49-59	39-49	55-65	45-55

* If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the equipment under test shall be deemed to meet both limits and the measurement using the receiver with an average detector need not be carried out.

Notes:

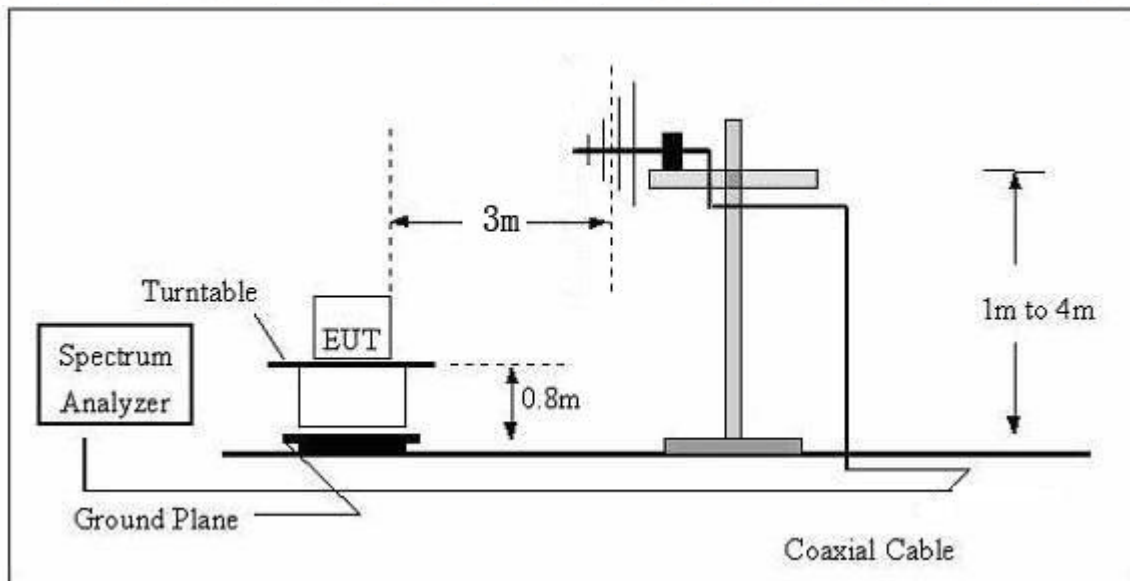
- (1) The limit for radiated test was performed according to as following: CISPR 14.1.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

3.2.3 TEST PROCEDURE

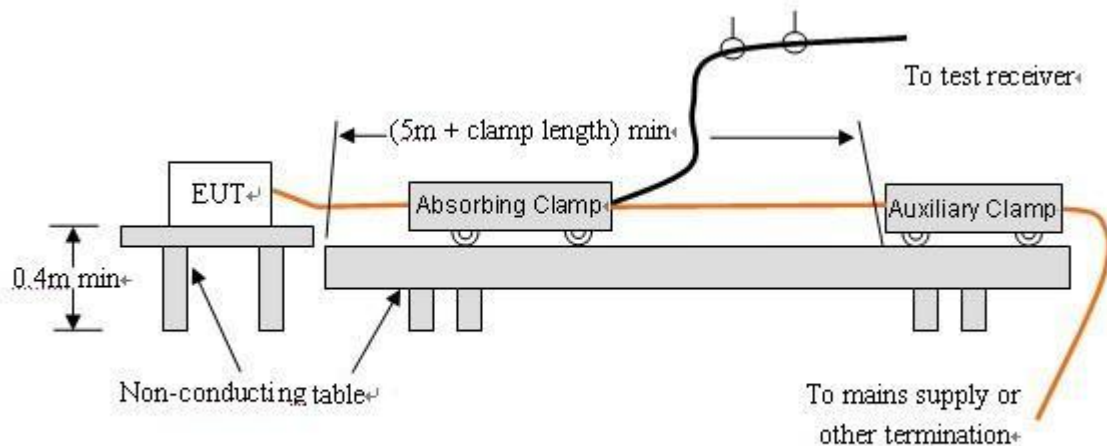
- a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 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, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) 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 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Disturbance Power Test Set-UP Frequency Below 1GHz

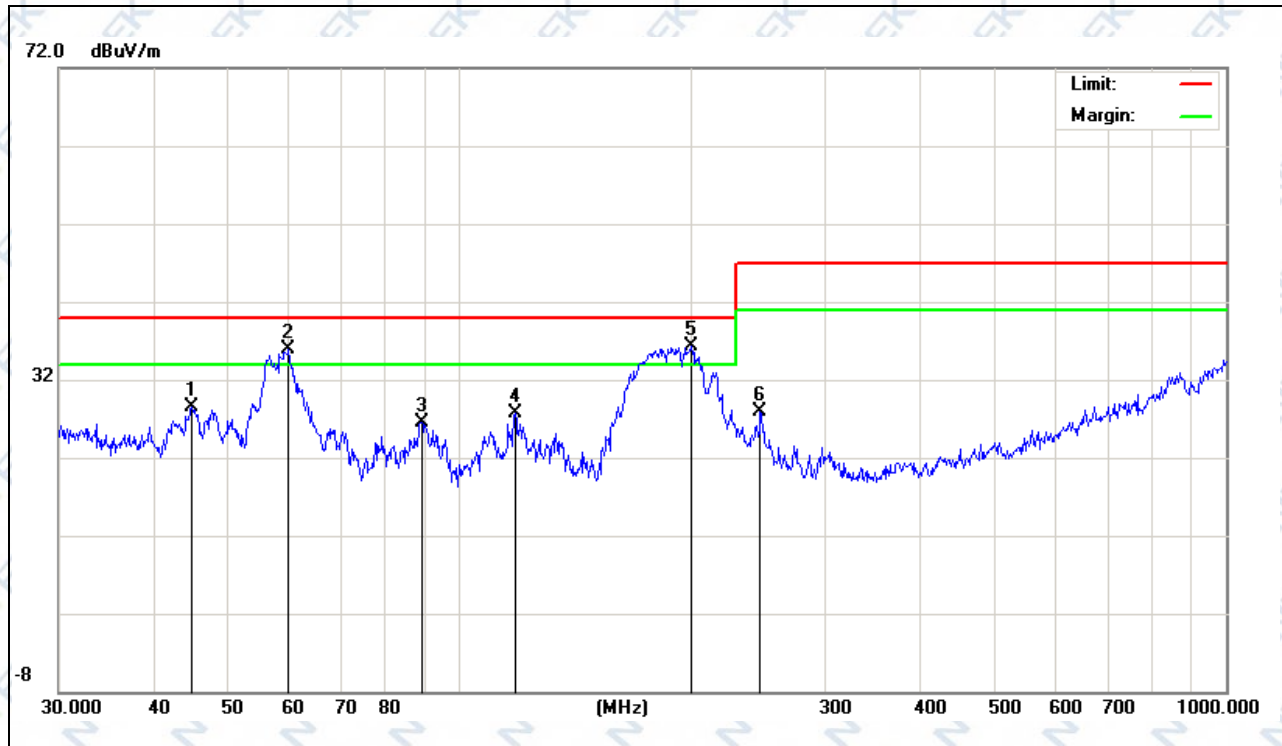


3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6 TEST RESULTS (30MHz ~300MHz)

EUT :	AC/DC ADAPTER	Model Name :	XVE-1570800A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Horizontal
Test Power :	AC 264V/50Hz		

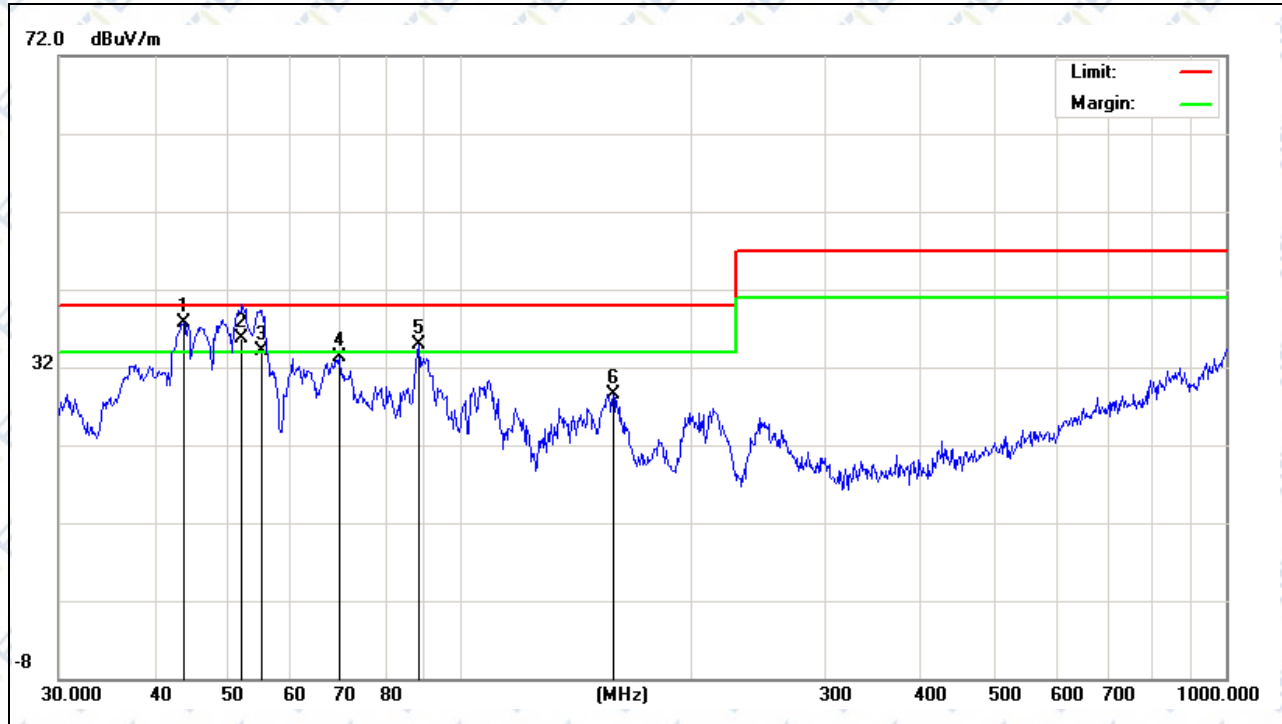


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		44.7433	14.62	13.89	28.51	40.00	-11.49	QP		
2	I	59.8588	24.46	11.51	35.97	40.00	-4.03	QP		
3		89.2762	14.76	11.77	26.53	40.00	-13.47	QP		
4		118.1860	17.34	10.41	27.75	40.00	-12.25	QP		
5	*	200.6881	22.47	13.77	36.24	40.00	-3.76	QP		
6		246.8146	15.97	12.00	27.97	47.00	-19.03	QP		

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

EUT :	AC/DC ADAPTER	Model Name :	XVE-1570800A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Vertical
Test Power :	AC 264V/50Hz		

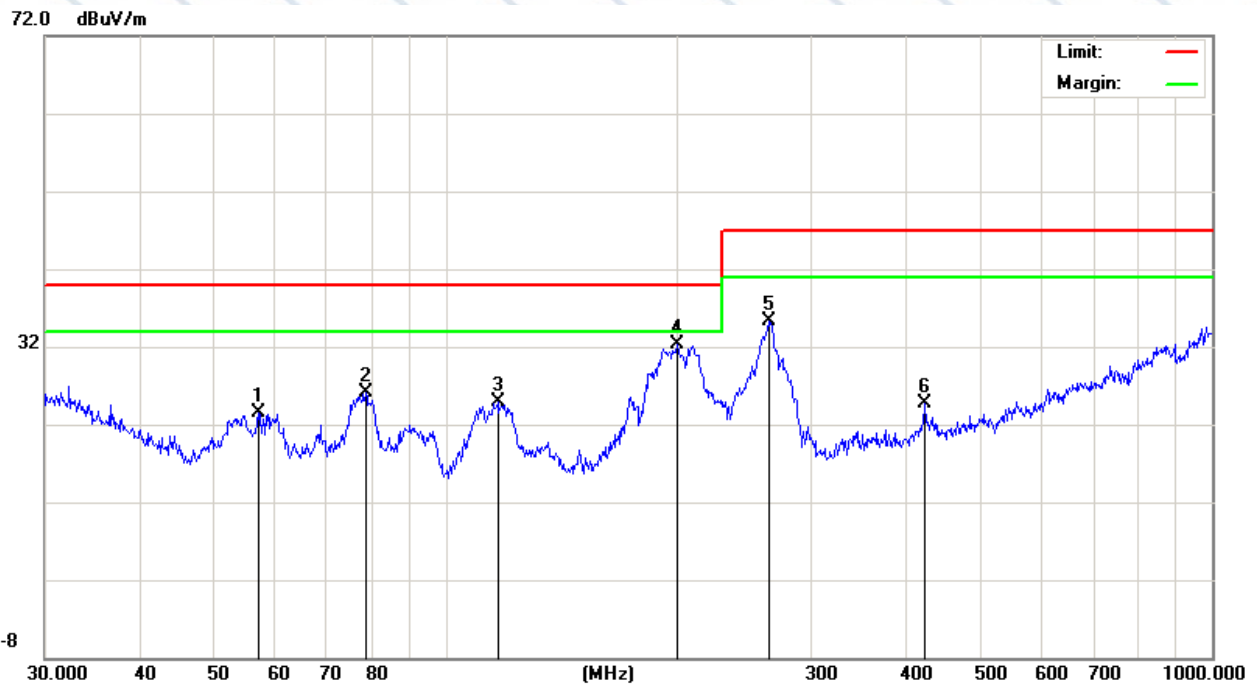


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	43.6584	23.08	14.58	37.66	40.00	-2.34	peak		
2	!	52.0251	22.54	13.25	35.79	40.00	-4.21	QP		
3	!	55.2207	21.82	12.23	34.05	40.00	-5.95	QP		
4		69.6003	22.88	10.40	33.28	40.00	-6.72	QP		
5	!	88.6524	23.22	11.76	34.98	40.00	-5.02	QP		
6		158.6673	16.57	11.97	28.54	40.00	-11.46	QP		

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

EUT :	AC/DC ADAPTER	Model Name :	XVE-5500229A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Horizontal
Test Power :	AC 264V/50Hz		

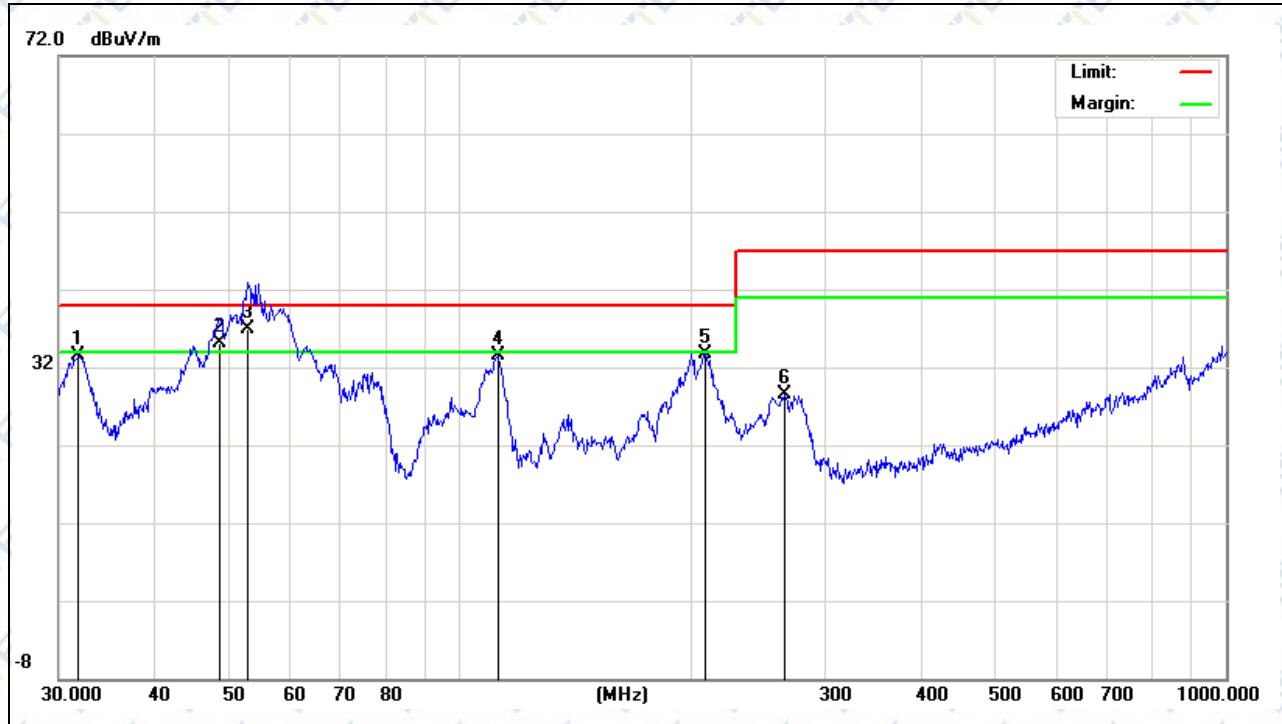


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		56.9911	11.48	11.94	23.42	40.00	-16.58	QP		
2		78.6888	14.59	11.57	26.16	40.00	-13.84	QP		
3		116.9495	14.54	10.27	24.81	40.00	-15.19	QP		
4	*	200.6881	18.48	13.77	32.25	40.00	-7.75	QP		
5		263.8190	21.79	13.42	35.21	47.00	-11.79	QP		
6		422.0577	8.06	16.73	24.79	47.00	-22.21	QP		

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

EUT :	AC/DC ADAPTER	Model Name :	XVE-5500229A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Vertical
Test Power :	AC 264V/50Hz		

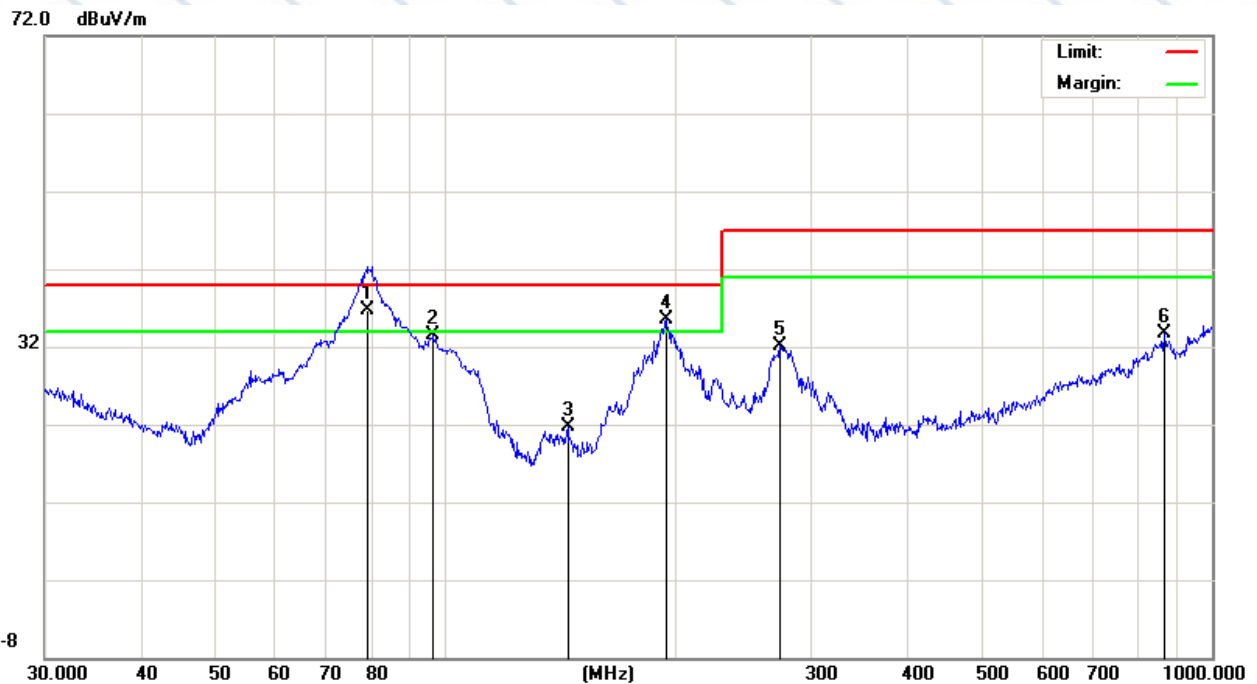


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		31.8427	13.02	20.41	33.43	40.00	-6.57	QP		
2	!	48.6719	21.75	13.37	35.12	40.00	-4.88	QP		
3	*	52.9453	24.15	12.80	36.95	40.00	-3.05	QP		
4		112.5241	23.30	10.13	33.43	40.00	-6.57	QP		
5		209.3129	20.38	13.36	33.74	40.00	-6.26	QP		
6		265.6757	15.06	13.45	28.51	47.00	-18.49	QP		

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

EUT :	AC/DC ADAPTER	Model Name :	XVE-8800143A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Horizontal
Test Power :	AC 264V/50Hz		

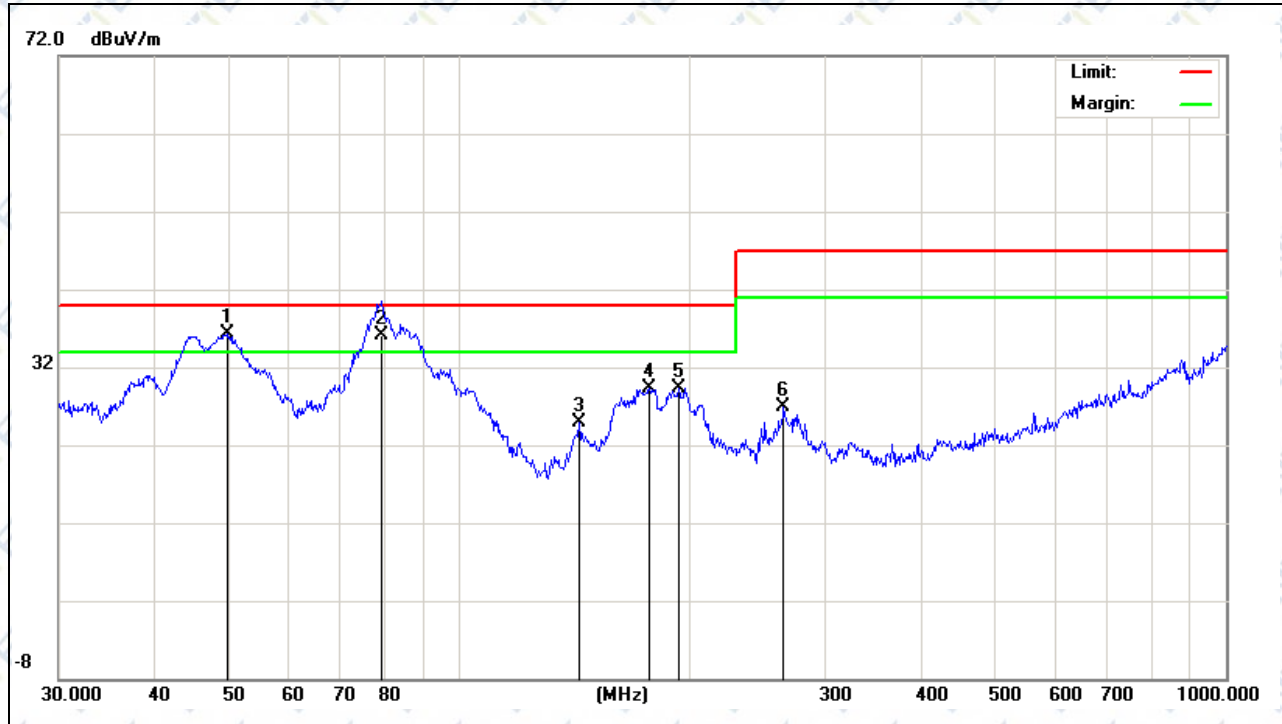


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
							Detector		Comment
1	*	79.2426	25.21	11.59	36.80	40.00	-3.20	QP	
2		96.4360	21.75	11.67	33.42	40.00	-6.58	QP	
3		144.3348	10.34	11.35	21.69	40.00	-18.31	QP	
4	!	193.7728	21.99	13.49	35.48	40.00	-4.52	QP	
5		273.2341	18.44	13.61	32.05	47.00	-14.95	QP	
6		866.0878	7.74	25.93	33.67	47.00	-13.33	QP	

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

EUT :	AC/DC ADAPTER	Model Name :	XVE-8800143A
Temperature:	26°C	Relative Humidity:	51%
Pressure:	1010hPa	Test Date:	2017-11-29
Test Mode :	Full Load	Polarization:	Vertical
Test Power :	AC 264V/50Hz		



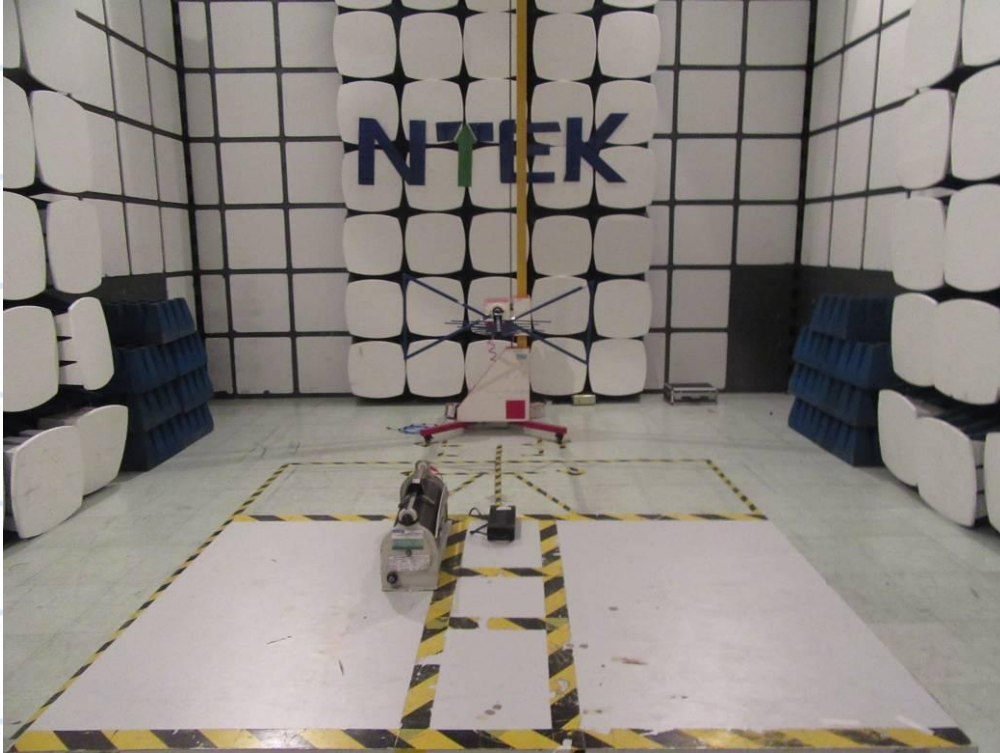
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Height	Degree	
				dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	49.7068	22.87	13.34	36.21	40.00	-3.79	QP		
2	!	79.2426	24.51	11.59	36.10	40.00	-3.90	QP		
3		143.3257	13.58	11.35	24.93	40.00	-15.07	QP		
4		176.8874	16.56	12.67	29.23	40.00	-10.77	QP		
5		193.0945	16.01	13.36	29.37	40.00	-10.63	QP		
6		264.7456	13.42	13.50	26.92	47.00	-20.08	QP		

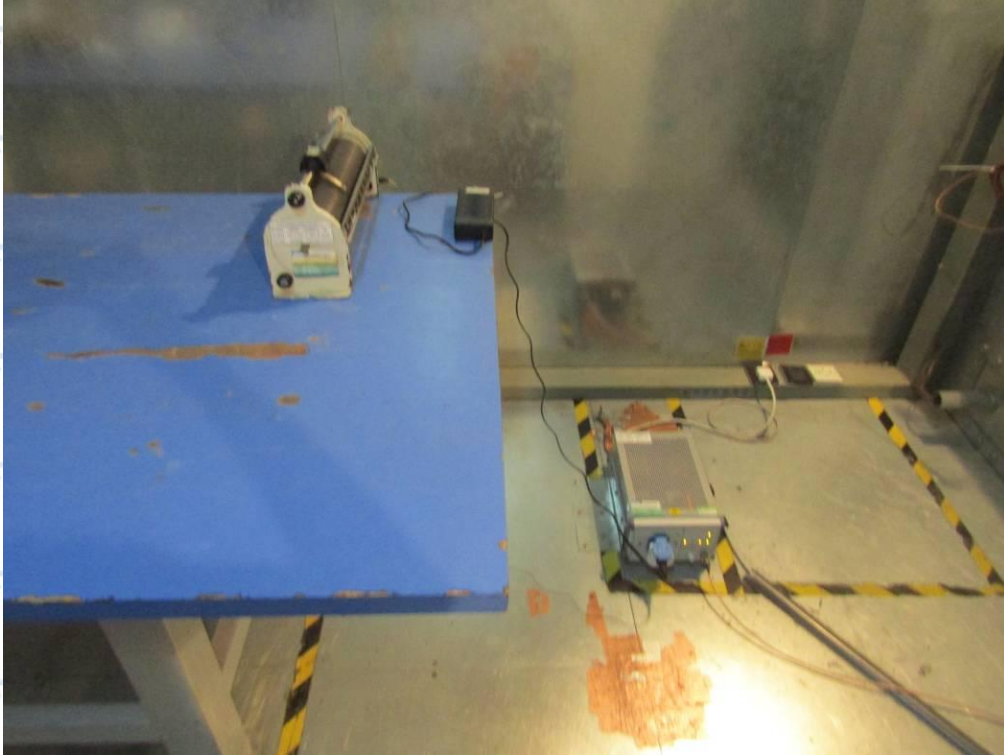
Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

4. EUT TEST PHOTO

Radiated Measurement Photos



Conducted Measurement Photos

ATTACHMENT PHOTOGRAPHS OF EUT

Photo 1



Photo 2



Photo 3



Photo 4



Photo 5 XVE-1570800A

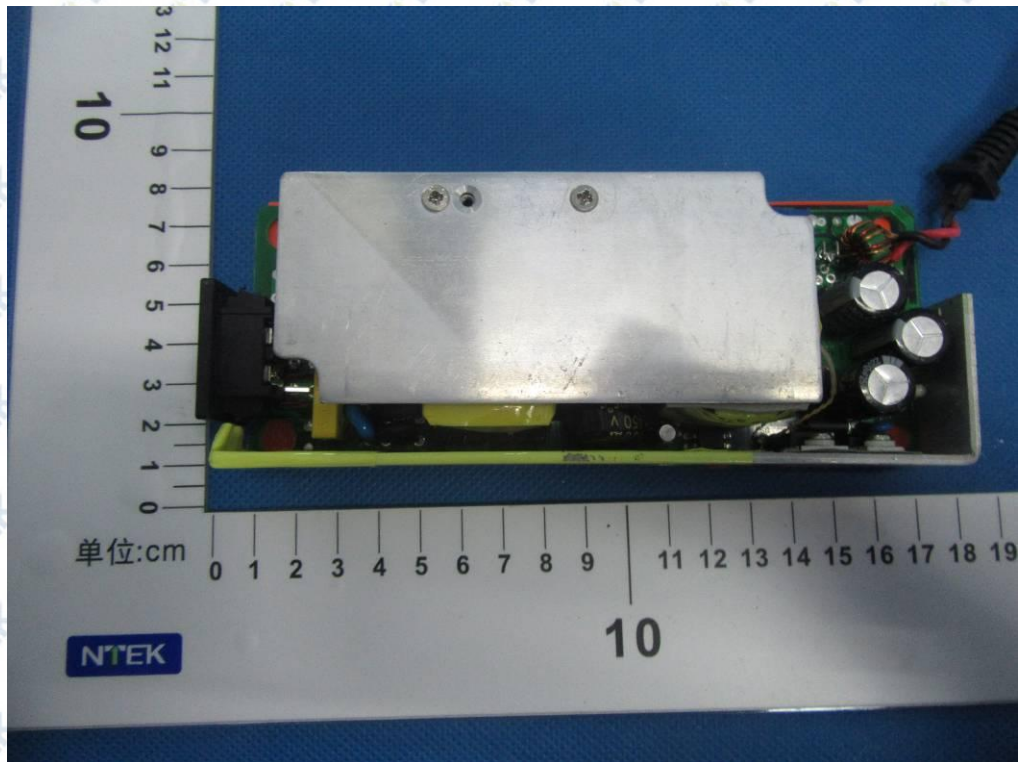


Photo 6

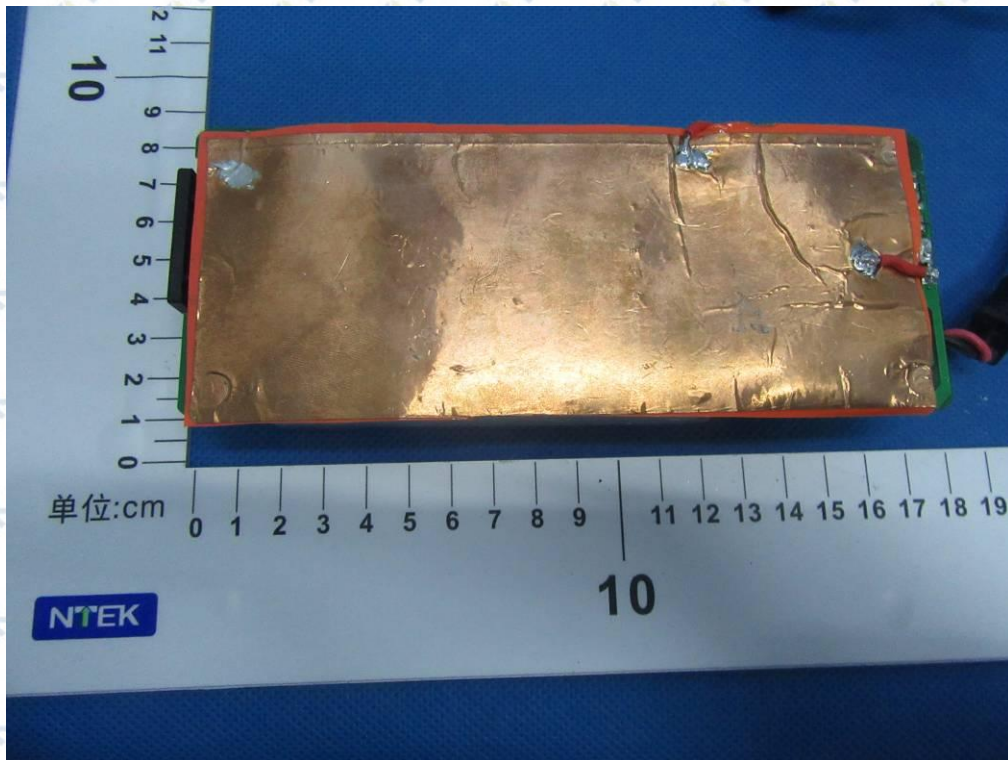


Photo 7

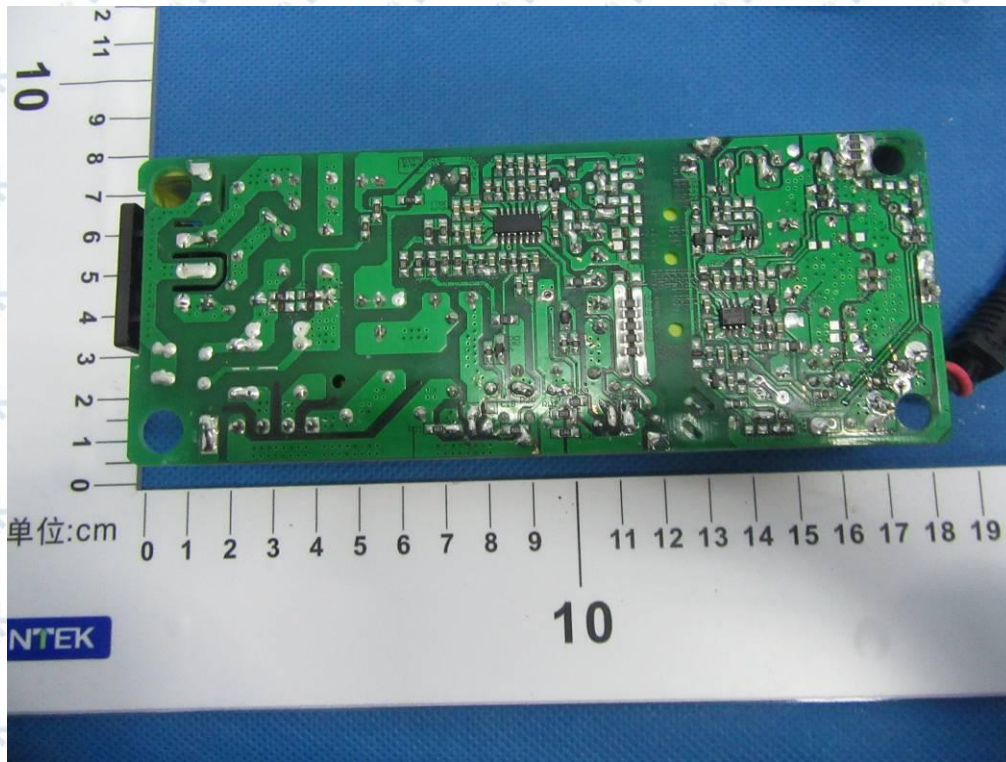


Photo 8

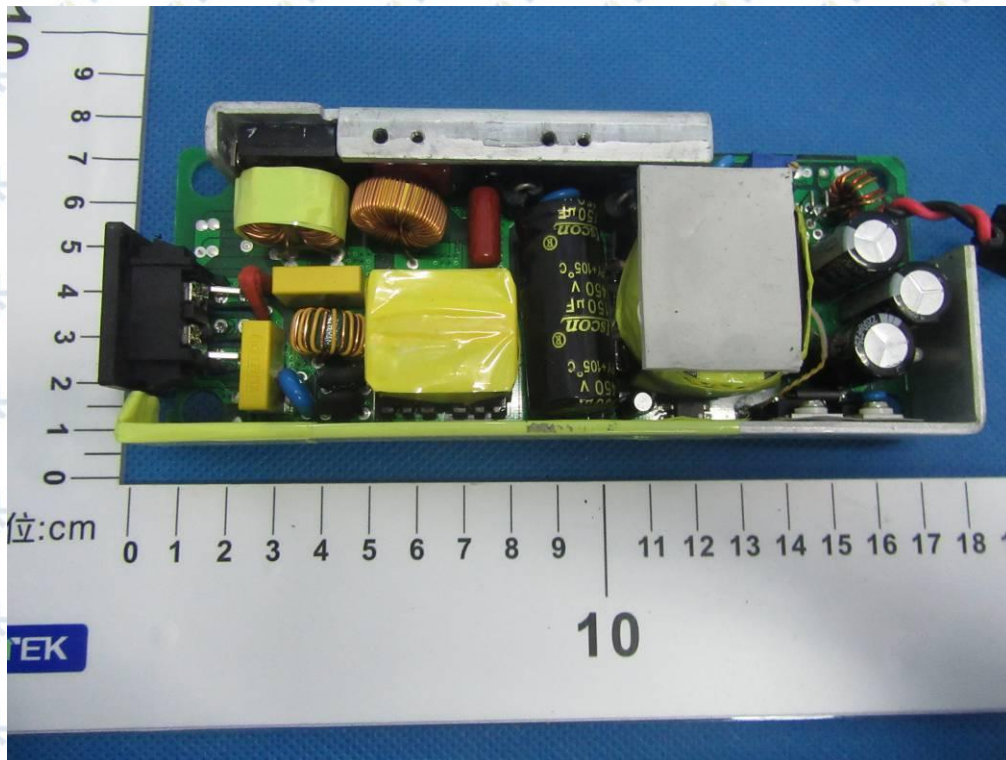


Photo 9 XVE-5500229A

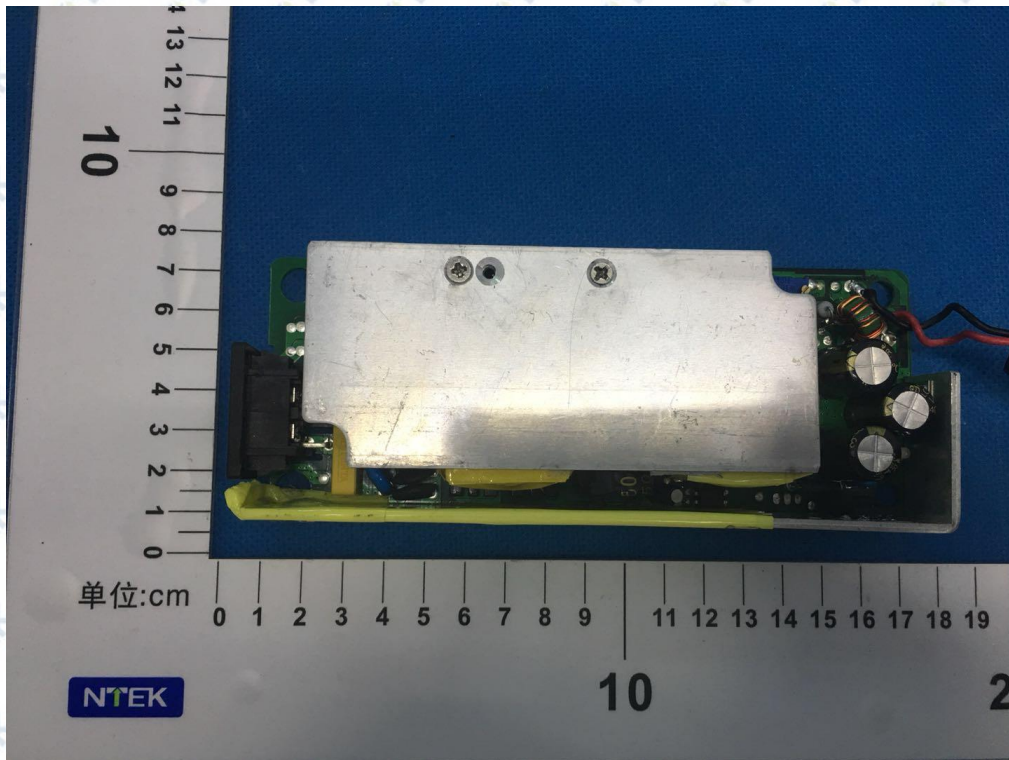


Photo 10



Photo 11

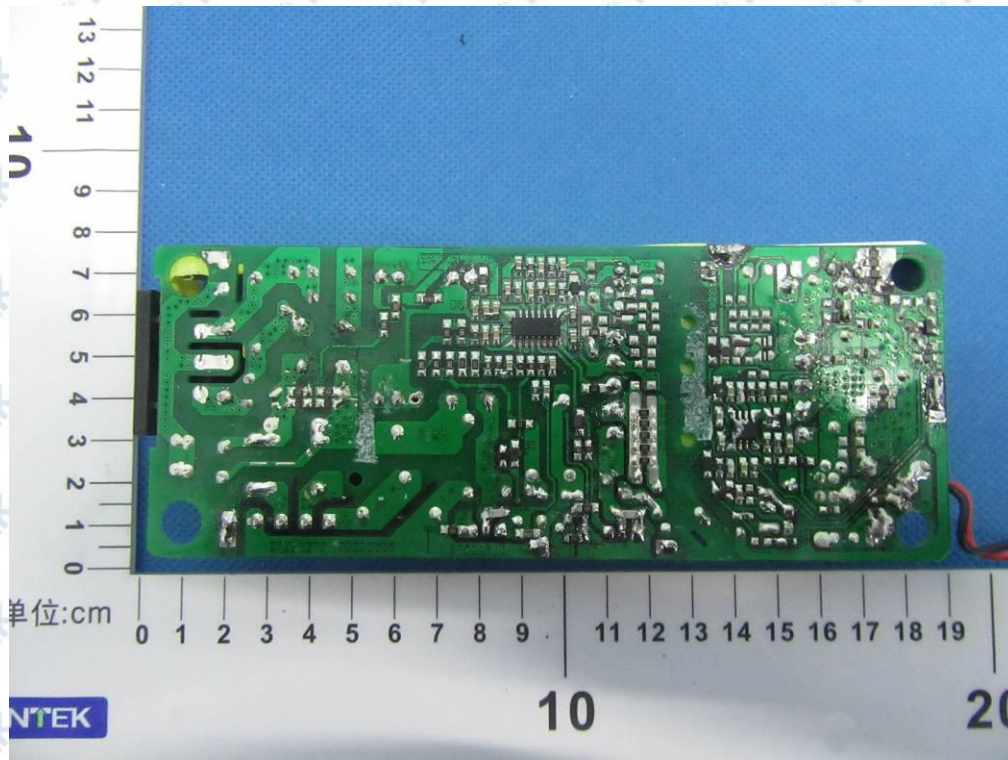


Photo 12

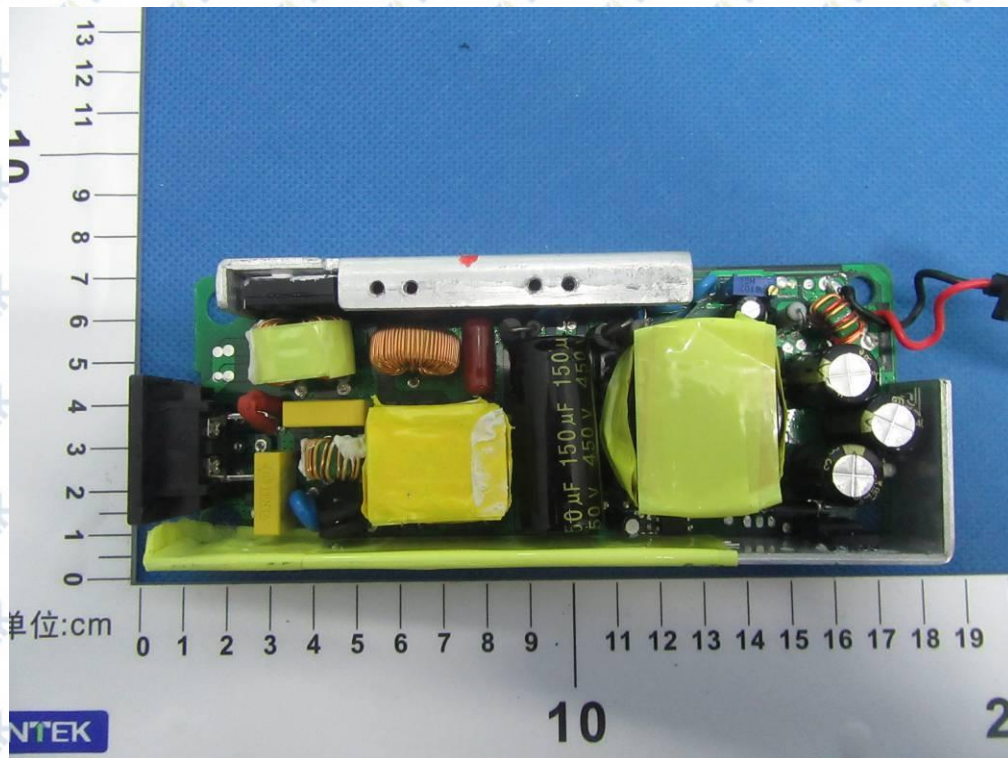


Photo 13 XVE-8800143A

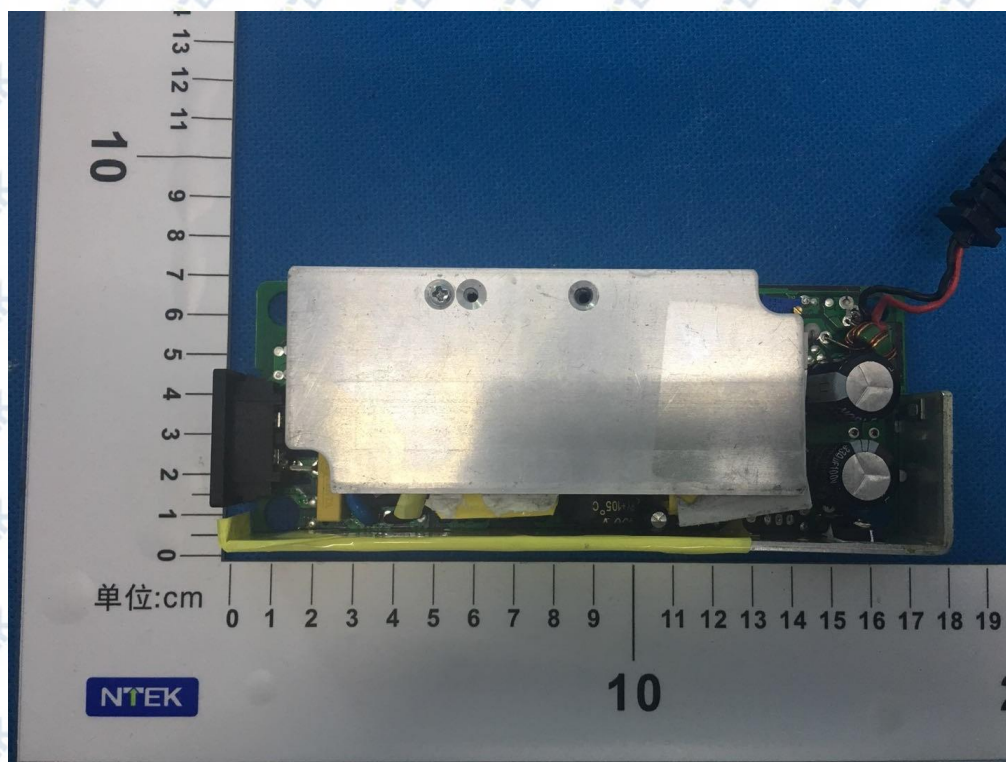


Photo 14

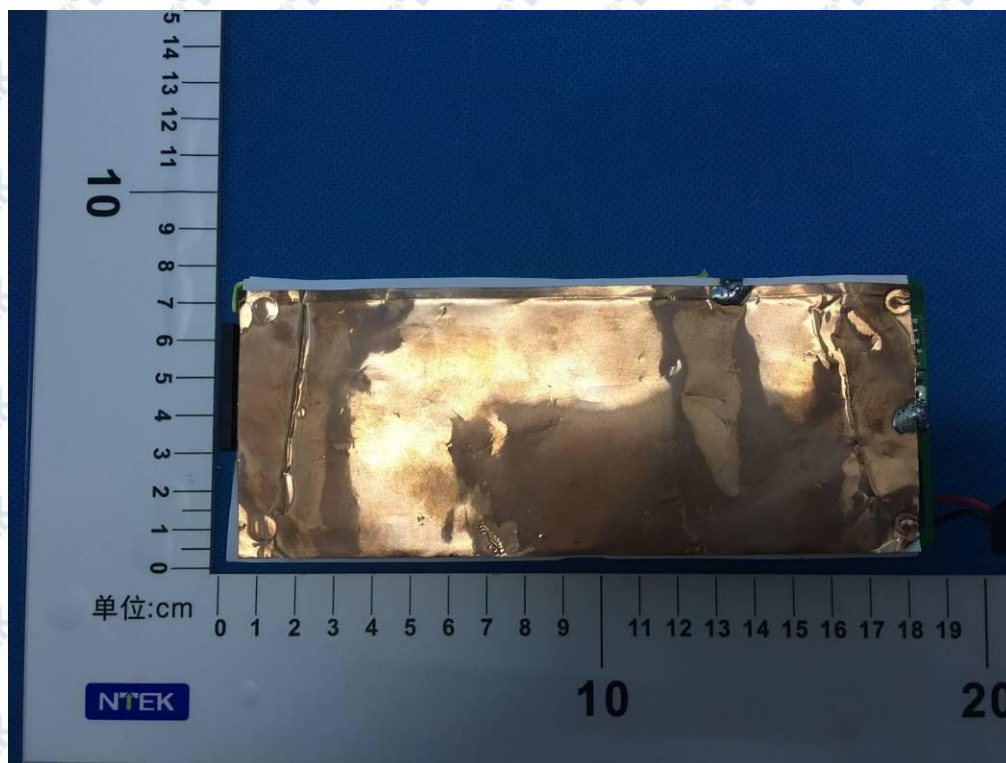


Photo 15

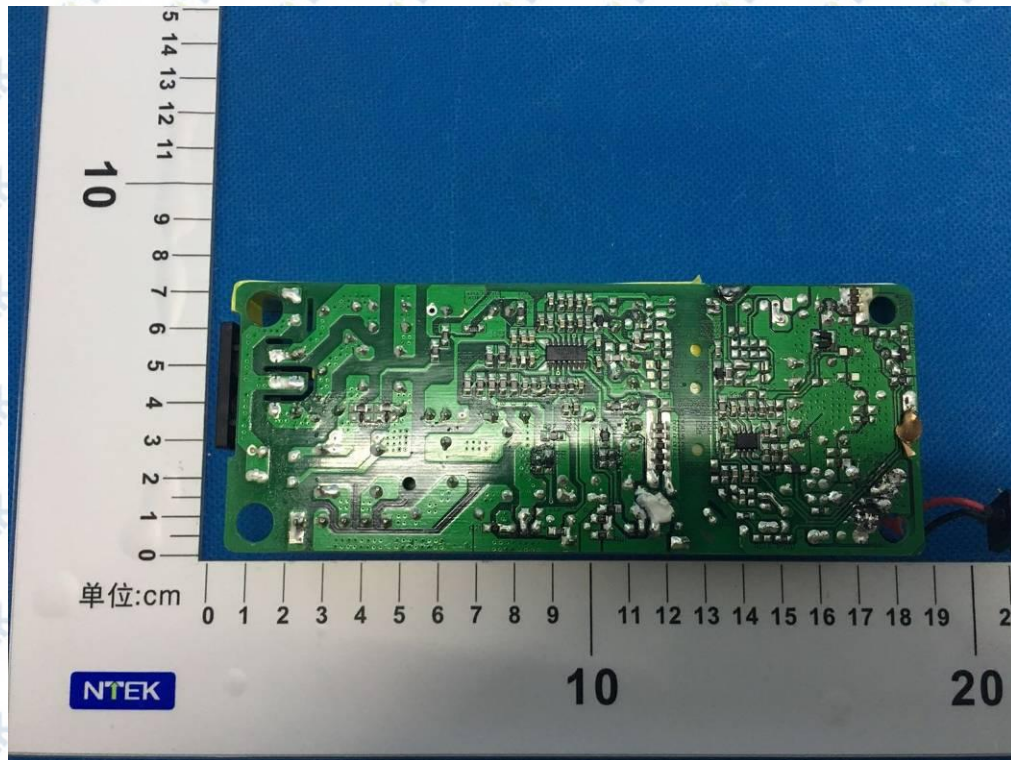


Photo 16

