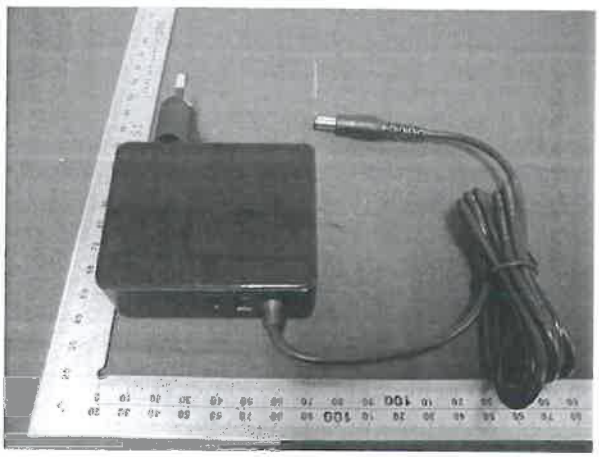
Prüfbericht-Nr.: *Test Report No.:*	**17057901 002**	**Auftrags-Nr.:** *Order No.:*	164092539	Seite 1 von 17 *Page 1 of 17*
Kunden-Referenz-Nr.: *Client Reference No.:*	449086	**Auftragsdatum:** *Order date.:*	04 May 2017	
Auftraggeber: *Client:*	AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD. BUILDING A AND B, THE NO.4 OF TENGFENG THIRD ROAD, FENGHUANG THIRD INDUSTRY, FUYONG TOWN BAOAN ZONE, SHENZHEN CITY P.R. China			
Prüfgegenstand: *Test item:*	SWITCHING ADAPTER			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	ASSA75z-050yyy, PCx-050yyy (Details refer to section 3.1)			
Auftrags-Inhalt: *Order content:*	TUV Rheinland - EMC service			
Prüfgrundlage: *Test specification:*	EN 55032:2012 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55024:2010			
Wareneingangsdatum: *Date of receipt:*	04 May 2017			
Prüfmuster-Nr.: *Test sample No.:*	A000539210-011~016			
Prüfzeitraum: *Testing period:*	Refer to test report			
Ort der Prüfung: *Place of testing:*	Refer ro section 2.1			
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: *Test result*:*	Pass			



geprüft von / *tested by:*

30.08.2017	Neo Dong Senior Engineer	Neo
Datum *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*

kontrolliert von / *reviewed by:*

30.08.2017	Tongle Lee Technical Certifier	Tongle Lee
Datum *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*

Sonstiges / *Other:*
This report is issued according to above-mentioned requirements based on test reports 17057901 001.

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:*
Prüfmuster vollständig und unbeschädigt
Test item complete and undamaged

* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhalt N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specifications(s)	2 = good	3 = satisfactory F(ail) = failed a.m. test specifications(s)	4 = sufficient N/A = not applicable	5 = poor N/T = not tested

TEST SUMMARY

5.1.1 HARMONICS ON AC MAINS
RESULT: Pass

5.1.2 VOLTAGE FLUCTUATIONS ON AC MAINS
RESULT: Pass

5.1.3 CONDUCTED DISTURBANCE VOLTAGE AT MAINS TERMINALS
RESULT: Pass

5.2.1 RADIATED DISTURBANCES (30-1000MHZ)
RESULT: Pass

5.2.2 RADIATED DISTURBANCES (ABOVE 1GHZ)
Not Applicable

Contents

1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test Result
Appendix 2: Measurement Uncertainties

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd (ATC)
F1, Bldg. A, Changyuan New Material Port, Keyuan Road,
Science & Industry Park, Nanshan 518057 Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Disturbance Voltage (ATC)				
Test Receiver	R&S	ESCS30	100307	2018-01-06
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2018-01-06
Pulse Limiter	R&S	ESH3-Z2	100815	2018-01-06
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2018-01-06
RF Coaxial Cable	SUHNER	N-2m	No.2	2018-01-06
Radiated Emission (ATC)				
Spectrum Analyzer	R & S	FSV40	101495	2018-01-06
Test Receiver	R & S	ESCS30	100307	2018-01-06
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2018-01-09
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2018-01-09
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2018-01-09
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2018-01-09
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2018-01-06
Pre-Amplifier	R & S	CBLU11835 40-01	3791	2018-01-06
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2018-01-06
RF Coaxial Cable	SUHNER	N-3m	No.8	2018-01-06
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2018-01-06
RF Coaxial Cable	SUHNER	N-6m	No.10	2018-01-06
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2018-01-06
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2018-01-06

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are switching adapters used for information technology equipment,
All models are identical to each other except input plug and output type.
Model No.: ASSA75z-050yyy, PCx-050yyy
(Input: 100-240V~50/60Hz, 1.2A, Output: 5.0Vdc, 100-5400mA, Max. 27.0W;
yyy=010-540 indicates rated output current range 100-5400mA, step 10mA;
z=a2, means fixed America plug, 2 USB output ports; z=a3, means fixed America plug, 3 USB output ports; z=a4, means fixed America plug, 4 USB output ports; z=A3, means fixed America plug, 2 USB output ports+one cable output; z=a3c, means fixed America plug, 2 USB output ports+1 type C output; z=A3c, means fixed America plug, 1 USB output port+1 type C output+1 cable output;
z=b2, means fixed United Kingdom plug, 2 USB output ports; z=b3, means fixed United Kingdom plug, 3 USB output ports; z=b4, means fixed United Kingdom plug, 4 USB output ports; z=B3, means fixed United Kingdom plug, 2 USB output ports+one cable output; z=b3c, means fixed United Kingdom plug, 2 USB output ports+1 type C output; z=B3c, means fixed United Kingdom plug, 1 USB output port+1 type C output+1 cable output;
z=c2, means fixed Australia plug, 2 USB output ports; z=c3, means fixed Australia plug, 3 USB output ports; z=c4, means fixed Australia plug, 4 USB output ports; z=C3, means fixed Australia plug, 2 USB output ports+one cable output; z=c3c, means fixed Australia plug, 2 USB output ports+1 type C output; z=C3c, means fixed Australia plug, 1 USB output port+1 type C output+1 cable output;
z=d2, means fixed Argentina plug, 2 USB output ports; z=d3, means fixed Argentina plug, 3 USB output ports; z=d4, means fixed Argentina plug, 4 USB output ports; z=D3, means fixed Argentina plug, 2 USB output ports+one cable output; z=d3c, means fixed Argentina plug, 2 USB output ports+1 type C output; z=D3c, means fixed Argentina plug, 1 USB output port+1 type C output+1 cable output;
z=e2, means fixed Europe plug, 2 USB output ports; z=e3, means fixed Europe plug, 3 USB output ports; z=e4, means fixed Europe plug, 4 USB output ports; z=E3, means fixed Europe plug, 2 USB output ports+one cable output; z=e3c, means fixed Europe plug, 2 USB output ports+1 type C output; z=E3c, means fixed Europe plug, 1 USB output port+1 type C output+1 cable output;
z=f2, means fixed Korea plug, 2 USB output ports; z=f3, means fixed Korea plug, 3 USB output ports; z=f4, means fixed Korea plug, 4 USB output ports; z=F3, means fixed Korea plug, 2 USB output ports+one cable output; z=f3c, means fixed Korea plug, 2 USB output ports+1 type C output; z=F3c, means fixed Korea plug, 1 USB output port+1 type C output+1 cable output;
z=g2, means fixed Japan plug, 2 USB output ports; z=g3, means fixed Japan plug, 3 USB output ports; z=g4, means fixed Japan plug, 4 USB output ports; z=G3, means fixed Japan plug, 2 USB output ports+one cable output; z=g3c, means fixed Japan plug, 2 USB output ports+1 type C output; z=G3c, means fixed Japan plug, 1 USB output port+1 type C output+1 cable output;
z=h2, means fixed Mexico plug, 2 USB output ports; z=h3, means fixed Mexico plug, 3 USB output ports; z=h4, means fixed Mexico plug, 4 USB output ports; z=H3, means fixed Mexico plug, 2 USB output ports+one cable output; z=h3c, means fixed Mexico plug, 2 USB output

ports+1 type C output; z=H3c, means fixed Mexico plug, 1 USB output port+1 type C output+1 cable output;

z=i2, means fixed China plug, 2 USB output ports; z=i3, means fixed China plug, 3 USB output ports; z=i4, means fixed China plug, 4 USB output ports; z=I3, means fixed China plug, 2 USB output ports+one cable output; z=i3c, means fixed China plug, 2 USB output ports+1 type C output; z=I3c, means fixed China plug, 1 USB output port+1 type C output+1 cable output;
z=j2, means fixed Brazil plug, 2 USB output ports; z=j3, means fixed Brazil plug, 3 USB output ports; z=j4, means fixed Brazil plug, 4 USB output ports; z=J3, means fixed Brazil plug, 2 USB output ports+one cable output; z=j3c, means fixed Brazil plug, 2 USB output ports+1 type C output; z=J3c, means fixed Brazil plug, 1 USB output port+1 type C output+1 cable output;
z=w2, means Detachable plug, 2 USB output ports; z=w3, means Detachable plug, 3 USB output ports; z=w4, means Detachable plug, 4 USB output ports; z=W3, means Detachable plug, 2 USB output ports+one cable output; z=w3c, means Detachable plug, 2 USB output ports+1 type C output; z=W3c, means Detachable plug, 1 USB output port+1 type C output+1 cable output)
Detailed variable 'x':

x	205, 207, 208, 401, 402, 403	205 Indicates fixed American plug and two USB outputs; the same as ASSA75a2 207 Indicates fixed European plug and two USB outputs; the same as ASSA75e2 208 Indicates detachable plug and two USB output; the same as ASSA75w2 401 Indicates fixed American plug and four USB outputs; the same as ASSA75a4 403 Indicates fixed European plug and four USB outputs; the same as ASSA75e4 402 Indicates detachable plug and four USB output. the same as ASSA75w4

For more information refer to the circuit diagram & product specification.

3.2 Ratings and System Details

System Input Voltage:	AC 100-240V
Rated Frequency:	50/60Hz
Rated Output:	Refer to section 3.1
Protection Class:	II

3.3 Independent Operation Modes

The basic operation modes are:

A. On.
   1. Minimum load
   2. Medium load
   3. Maximum load

B. Off.

3.4 Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
0	Enclosure	N/E	—	—	None
1	AC Mains	AC	—	—	None
2	DC Output	DC	No	Non-shielded	None

*AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port (Not Involved in Process Control)
TP = Telecommunication Ports

3.5 Noise Generating and Noise Suppressing Parts

Sources of Interference:
1. IC Circuits
2. Transformer
3. Transistor
*Highest internal frequency: Fx < 108MHz
Others refer to the Circuit Diagram/Photo Document for details.

Noise Suppressing Parts:
1. Inductor
2. Capacitor
Others refer to the Circuit Diagram/Photo Document for details.

3.6 Submitted Documents

- Schematic diagram
- User Manual
- Rating Label
- PCB Layout

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Immunity: The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 and 6.
According to the product characteristics and model difference indicated in section 3.1, all tests were applied on models ASSA75e2-050540, ASSA75w4-050540, ASSA75e3-050540, ASSA75e3c-050540, ASSA75W3-050540 & ASSA75E3c-050540.

4.3 Special Accessories and Auxiliary Equipment

Resistance load was employed during testing. The EUTs were tested with following cables:

Cable name	Length (m)	Shield	Core No.	Detachable
AC Input Cord	1.2	No	2	Yes
DC output Cord	0.3	No	2	Yes

4.4 Countermeasures to achieve EMC Compliance

The test samples, which have been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

5. Test Results EMISSION

5.1 Emission in the Frequency Range up to 30 MHz

5.1.1 Harmonics on AC Mains

RESULT: **Pass**

Test standard : EN 61000-3-2:2014

The EUTs' rated power is less than 75W and does not belong to lighting equipment, therefore harmonic current test is not applicable in accordance with Clause 7 of EN 61000-3-2:2014.

5.1.2 Voltage Fluctuations on AC Mains

RESULT: **Pass**

Test procedure	:	EN 61000-3-3:2013
Limit	:	Clause 5
Frequency range	:	0 - 2kHz

The maximum input power of the EUTs is 27W only, which unlikely to produce significant voltage fluctuation. Therefore no test was applied.

See clause 6.1***

*** EN 61000-3-3:2013, clause 6.1:" ... Tests need not be made on equipment which is unlikely to produce significant voltage fluctuations or flicker....".

5.1.3 Conducted Disturbance Voltage at Mains Terminals

RESULT: **Pass**

Date of testing	:	2017-05-11, 2017-08-28
Test standard	:	EN 55032:2012
Frequency range	:	0.150 - 30MHz
Classification	:	Class B
Limits	:	Table A.9 of EN 55032:2012
Kind of test site	:	Shielded room
Tested Port	:	AC Mains

Test setup

Input Voltage	:	AC 100-240V, 50/60Hz
Operation Condition	:	According to clause C.3.5 & Annex D of EN 55032:2012
Operation mode	:	A
Artificial hand	:	Not applied
Earthing	:	Not connected
Ambient temperature	:	23ºC
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

Detailed test data refer to attached Appendix 1.

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Disturbances (30-1000MHz)

RESULT: **Pass**

Date of testing	:	2017-05-11, 2017-08-29
Test standard	:	EN 55032:2012
Frequency range	:	30 - 1000MHz *
Classification	:	Class B
Limits	:	Table A.4 of EN 55032:2012
Kind of test site	:	3m Semi-Anechoic Chamber
Tested Port	:	Enclosure

Test setup

Input Voltage	:	AC 100-240V, 50/60Hz
Operation Condition	:	According to clause 7.3 of CISPR 16-2-3:2010+A1 & Annex D of EN 55032:2012
Operation mode	:	A
Earthing	:	Not connected
Ambient temperature	:	23ºC
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

*Remark: The highest internal source of an EUT is defined as the highest frequency generated or used within the EUT or on which the EUT operates or tunes, details refer to section 3.5.
☒ highest frequency is less than 108MHz, measurement shall only be made up to 1GHz
☐ highest frequency is between 108 & 500MHz, measurement shall only be made up to 2GHz
☐highest frequency is between 500 & 1GHz, measurement shall only be made up to 5GHz
☐highest frequency is above 1GHz, measurement shall be made up to 5 times the highest frequency or 6GHz, whichever is less

Method: Measurements were made in a 3-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1.

5.2.2 Radiated Disturbances (Above 1GHz)

Not Applicable

Date of testing	:	--
Test standard	:	EN 55032:2012
Frequency range	:	1 – 6GHz*
Classification	:	Class B
Limits	:	Table A.5 of EN 55032:2012
Kind of test site	:	3m Semi-Anechoic Chamber
Tested Port	:	Enclosure

*Remark: The highest internal source of an EUT is defined as the highest frequency generated or used within the EUT or on which the EUT operates or tunes, details refer to section 3.5.
☒ Highest frequency is less than 108MHz, measurement shall only be made up to 1GHz
☐ Highest frequency is between 108 & 500MHz, measurement shall only be made up to 2GHz
☐ Highest frequency is between 500 & 1GHz, measurement shall only be made up to 5GHz
☐ Highest frequency is above 1GHz, measurement shall be made up to 5 times the highest frequency or 6GHz, whichever is less.

Method: Measurements were made in a 3-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (average detector above 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

6. Test Results IMMUNITY

6.1 Classification of apparatus

According to EN 55024:2010, the EUTs shall be tested in accordance with clause 4, 6 & 10, and comply with the performance criterion in table 1, 2 & 4 of clause 10.

Continuous Disturbance

Radio-Frequency Electromagnetic Field Amplitude Susceptibility (RS)	**Criterion A**
Radio-Frequency Common mode / Conducted Susceptibility(CS)	**Criterion A**
Power Frequency Magnetic Fields *	**Criterion A**

Transient Disturbance

Electrical Fast Transients (EFT)	**Criterion B**
Surge	**Criterion B**
Electrostatic Discharges (ESD)	**Criterion B**

Power supply Alterations

Voltage Dips, >95% reduction, 0.5 period	**Criterion B**
30% reduction, 25 periods	**Criterion C**
Voltage Interruptions, >95% reduction, 250 periods	**Criterion C**

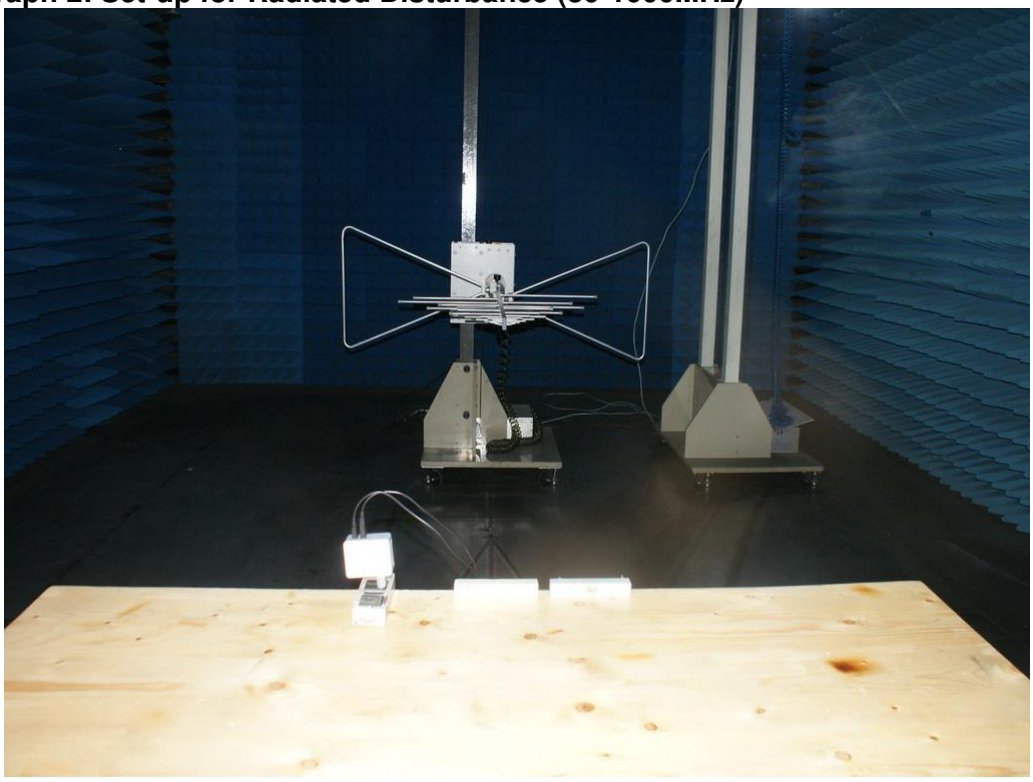
"*": The EUTs do not contain devices susceptible to magnetic field, therefore the Power-Frequency Magnetic Fields test is not necessary.

Remark: For test results, refer to test report 17057901 001.

7. Photographs of the Test Set-Up

Photograph 1: Set-up for Conducted Disturbance Voltage at Mains Terminals

Photograph 2: Set-up for Radiated Disturbance (30-1000MHz)



8. List of Tables

9. List of Photographs

ACCURATE TECHNOLOGY CO.,LTD

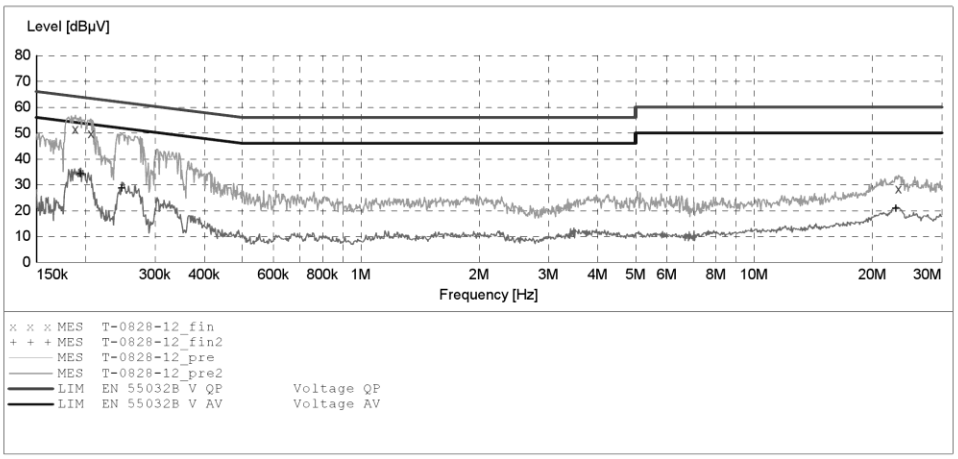
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                 SWITCHING ADAPTER M/N:ASSA75E3c-050540
Manufacturer:        AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:           1#Shielding Room
Operator:            PING
Test Specification:  N 240V/50Hz
Comment:             Mains Port
Start of Test:       8/28/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0828-12_fin"

8/28/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.188327	51.50	10.5	64	12.6	QP	N	GND
0.206437	49.80	10.5	63	13.5	QP	N	GND
23.307959	28.40	11.5	60	31.6	QP	N	GND

MEASUREMENT RESULT: "T-0828-12_fin2"

8/28/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.194439	34.10	10.5	54	19.7	AV	N	GND
0.247062	28.60	10.6	52	23.3	AV	N	GND
22.938732	20.80	11.4	50	29.2	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

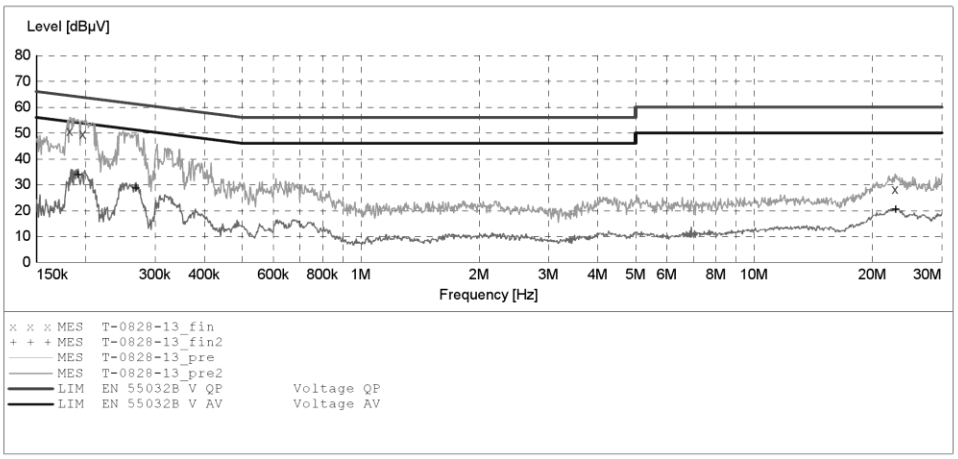
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75E3c-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: L 240V/50Hz
Comment:            Mains Port
Start of Test:      8/28/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0828-13_fin"

8/28/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.182408	50.60	10.5	64	13.8	QP	L1	GND
0.196781	49.60	10.5	64	14.1	QP	L1	GND
22.847342	28.30	11.4	60	31.7	QP	L1	GND

MEASUREMENT RESULT: "T-0828-13_fin2"

8/28/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191358	33.70	10.5	54	20.3	AV	L1	GND
0.268666	28.50	10.6	51	22.7	AV	L1	GND
22.938732	20.40	11.4	50	29.6	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

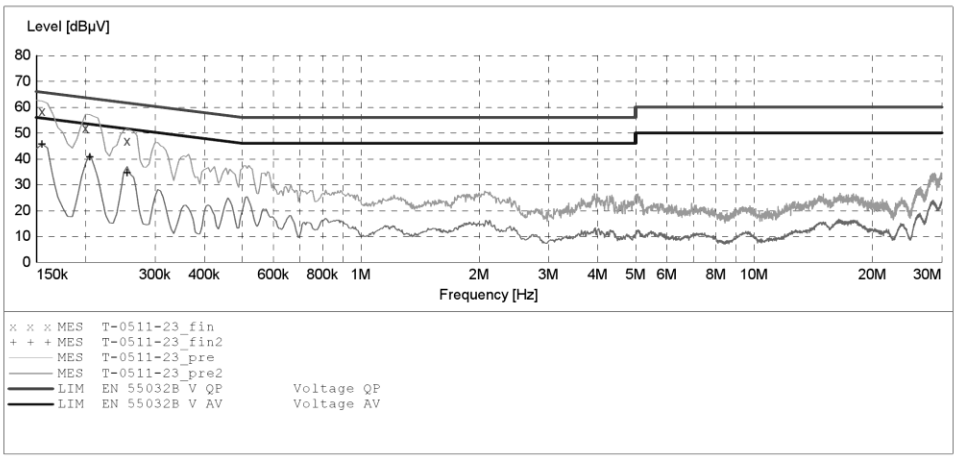
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75W3-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: L 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-23_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	58.30	10.5	66	7.4	QP	L1	GND
0.200000	51.90	10.5	64	11.7	QP	L1	GND
0.255000	46.90	10.6	62	14.7	QP	L1	GND

MEASUREMENT RESULT: "T-0511-23_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	45.60	10.5	56	10.1	AV	L1	GND
0.205000	40.60	10.5	53	12.8	AV	L1	GND
0.255000	34.50	10.6	52	17.1	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

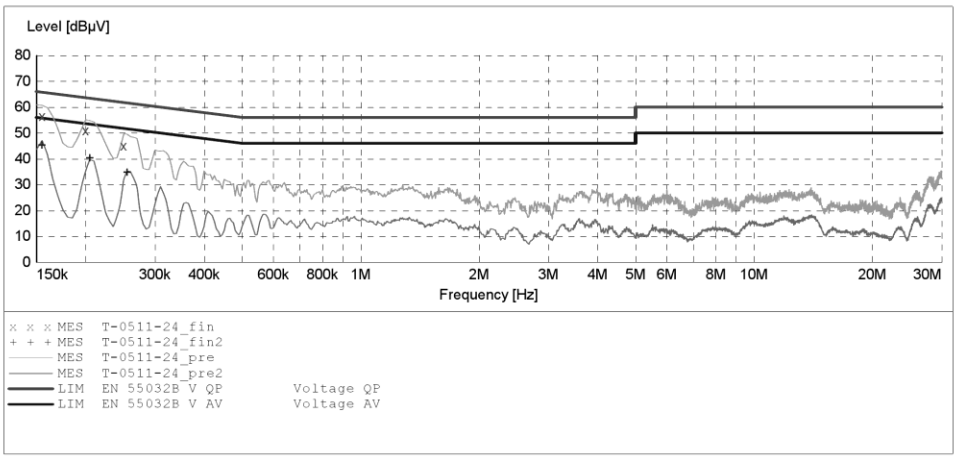
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75W3-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: N 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-24_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	56.50	10.5	66	9.2	QP	N	GND
0.200000	51.00	10.5	64	12.6	QP	N	GND
0.250000	45.00	10.6	62	16.8	QP	N	GND

MEASUREMENT RESULT: "T-0511-24_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	45.20	10.5	56	10.5	AV	N	GND
0.205000	40.20	10.5	53	13.2	AV	N	GND
0.255000	34.60	10.6	52	17.0	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

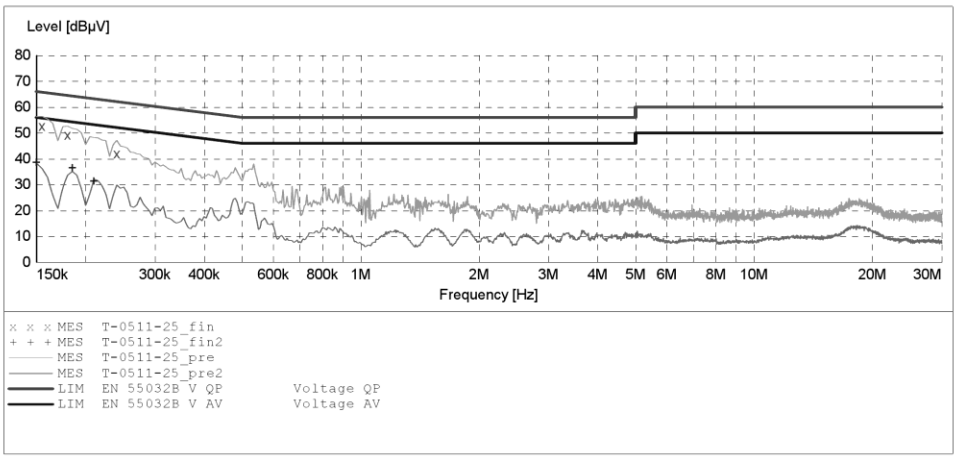
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                 SWITCHING ADAPTER M/N:ASSA75e2-050540
Manufacturer:        AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:           1#Shielding Room
Operator:            PING
Test Specification:  N 240V/50Hz
Comment:             Mains Port
Start of Test:       5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-25_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	52.60	10.5	66	13.1	QP	N	GND
0.180000	49.20	10.5	65	15.3	QP	N	GND
0.240000	42.00	10.6	62	20.1	QP	N	GND

MEASUREMENT RESULT: "T-0511-25_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	38.40	10.5	56	17.6	AV	N	GND
0.185000	36.50	10.5	54	17.8	AV	N	GND
0.210000	31.20	10.5	53	22.0	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

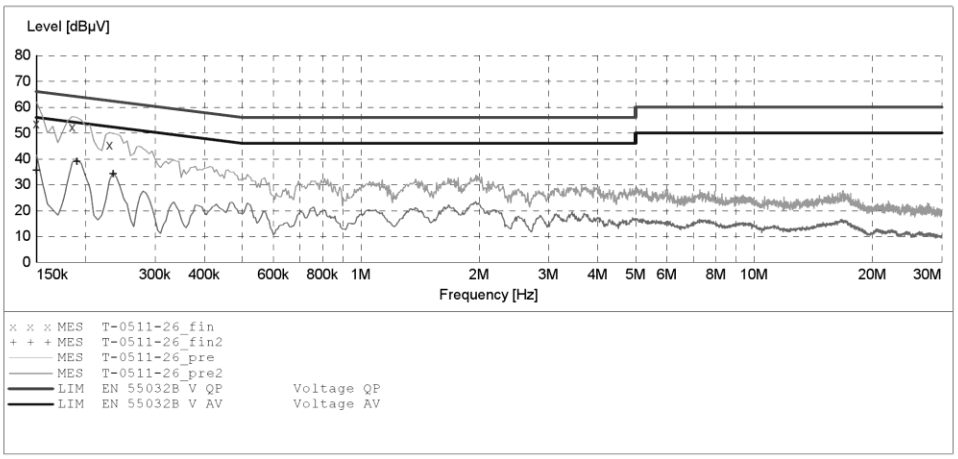
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75e2-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: L 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-26_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	53.50	10.5	66	12.5	QP	L1	GND
0.185000	52.20	10.5	64	12.1	QP	L1	GND
0.230000	45.40	10.6	62	17.0	QP	L1	GND

MEASUREMENT RESULT: "T-0511-26_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	35.50	10.5	56	20.5	AV	L1	GND
0.190000	38.80	10.5	54	15.2	AV	L1	GND
0.235000	34.00	10.6	52	18.3	AV	L1	GND

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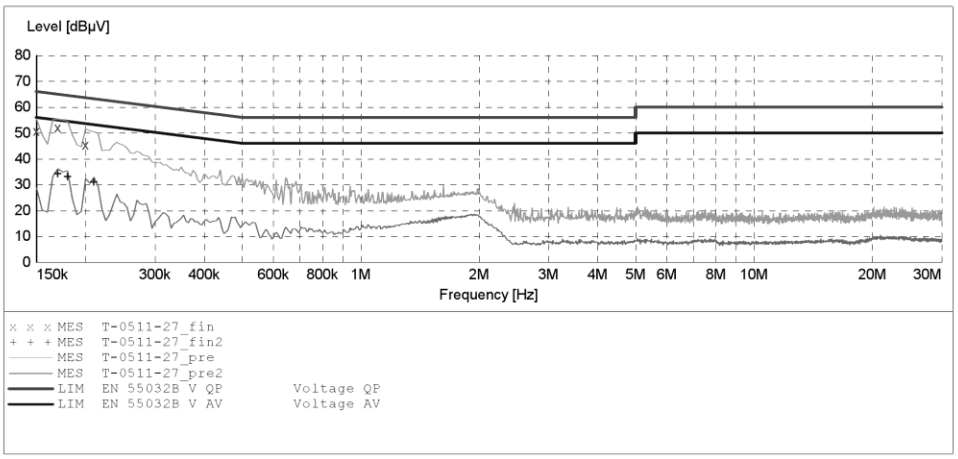
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75e3-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: L 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-27_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	50.70	10.5	66	15.3	QP	L1	GND
0.170000	52.10	10.5	65	12.9	QP	L1	GND
0.200000	45.30	10.5	64	18.3	QP	L1	GND

MEASUREMENT RESULT: "T-0511-27_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170000	34.00	10.5	55	21.0	AV	L1	GND
0.180000	32.90	10.5	55	21.6	AV	L1	GND
0.210000	30.80	10.5	53	22.4	AV	L1	GND

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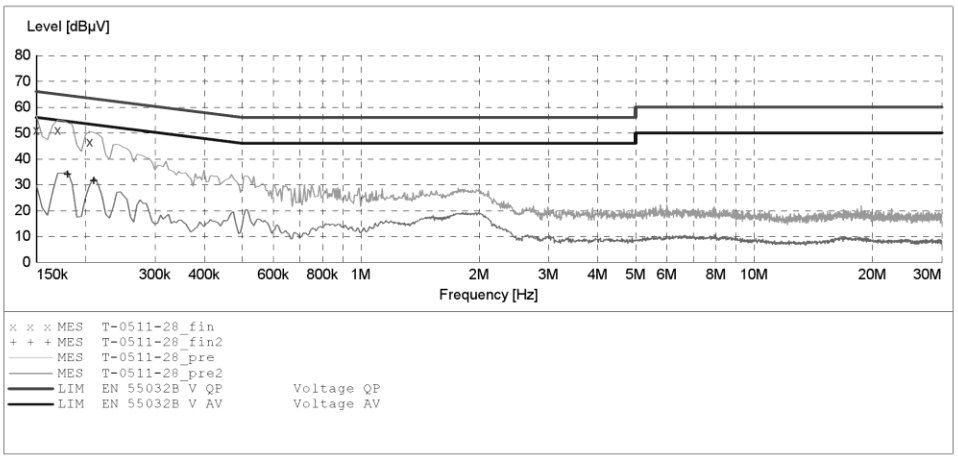
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75e3-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: N 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-28_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	51.10	10.5	66	14.9	QP	N	GND
0.170000	51.10	10.5	65	13.9	QP	N	GND
0.205000	46.50	10.5	63	16.9	QP	N	GND

MEASUREMENT RESULT: "T-0511-28_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.180000	33.90	10.5	55	20.6	AV	N	GND
0.210000	31.50	10.5	53	21.7	AV	N	GND

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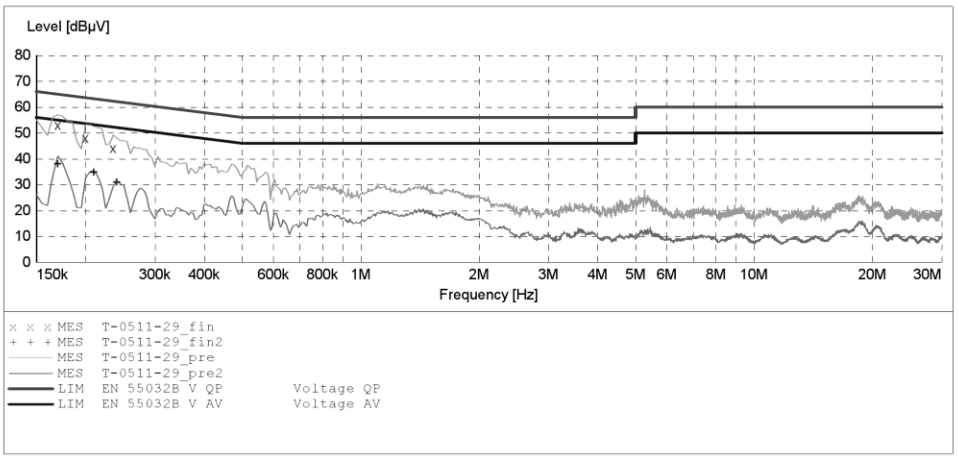
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75w4-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: N 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-29_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170000	53.00	10.5	65	12.0	QP	N	GND
0.200000	48.10	10.5	64	15.5	QP	N	GND
0.235000	44.00	10.6	62	18.3	QP	N	GND

MEASUREMENT RESULT: "T-0511-29_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170000	37.90	10.5	55	17.1	AV	N	GND
0.210000	34.80	10.5	53	18.4	AV	N	GND
0.240000	30.80	10.6	52	21.3	AV	N	GND

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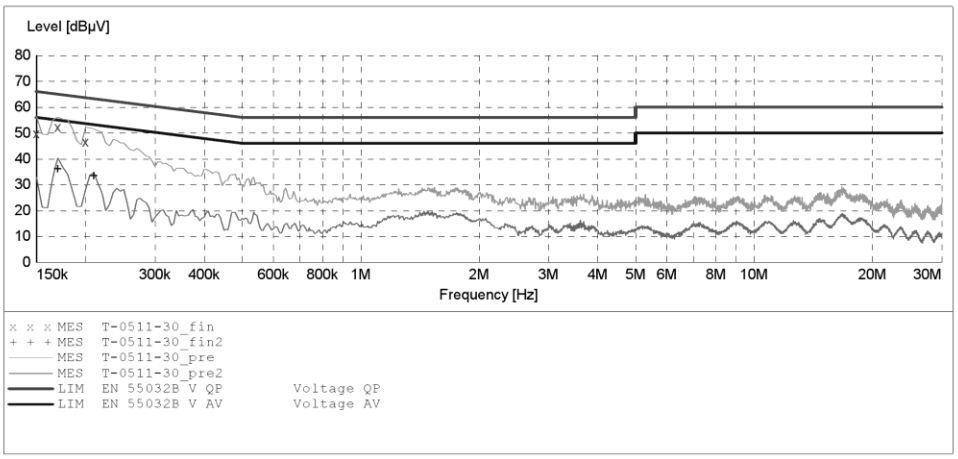
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75w4-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: L 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-30_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	49.80	10.5	66	16.2	QP	L1	GND
0.170000	52.30	10.5	65	12.7	QP	L1	GND
0.200000	46.60	10.5	64	17.0	QP	L1	GND

MEASUREMENT RESULT: "T-0511-30_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170000	36.00	10.5	55	19.0	AV	L1	GND
0.210000	33.40	10.5	53	19.8	AV	L1	GND

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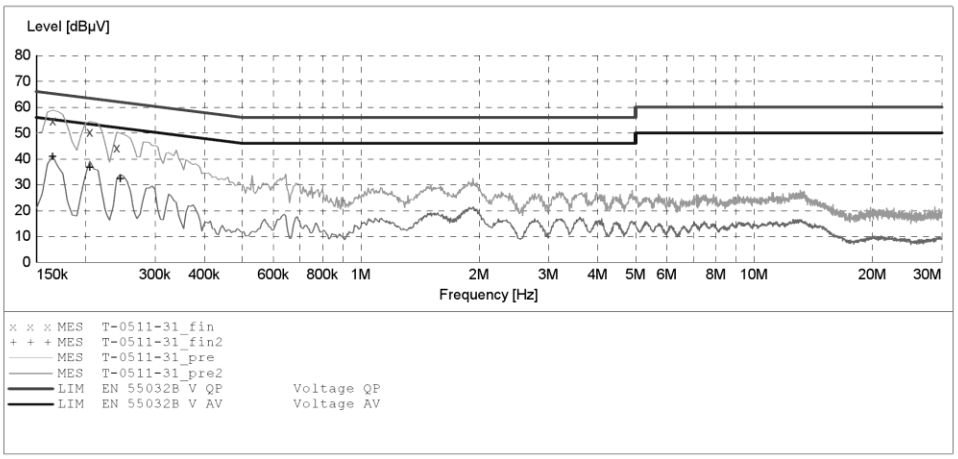
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                 SWITCHING ADAPTER M/N:ASSA75e3c-050540
Manufacturer:        AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:           1#Shielding Room
Operator:            PING
Test Specification:  L 240V/50Hz
Comment:             Mains Port
Start of Test:       5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-31_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165000	54.70	10.5	65	10.5	QP	L1	GND
0.205000	50.40	10.5	63	13.0	QP	L1	GND
0.240000	44.20	10.6	62	17.9	QP	L1	GND

MEASUREMENT RESULT: "T-0511-31_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165000	40.70	10.5	55	14.5	AV	L1	GND
0.205000	36.70	10.5	53	16.7	AV	L1	GND
0.245000	32.20	10.6	52	19.7	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

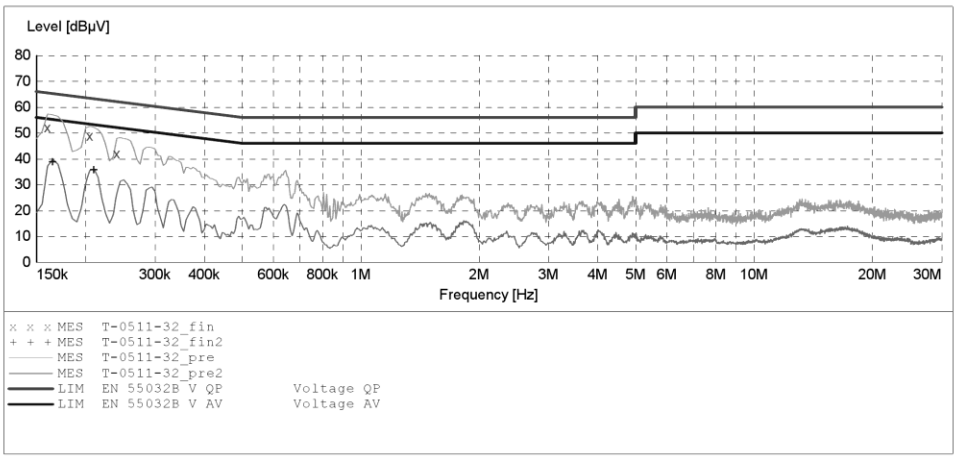
CONDUCTED EMISSION STANDARD EN 55032 B

```
EUT:                SWITCHING ADAPTER M/N:ASSA75e3c-050540
Manufacturer:       AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
Operating Condition: Maximum load
Test Site:          1#Shielding Room
Operator:           PING
Test Specification: N 240V/50Hz
Comment:            Mains Port
Start of Test:      5/11/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "T-0511-32_fin"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.160000	52.10	10.5	66	13.4	QP	N	GND
0.205000	48.70	10.5	63	14.7	QP	N	GND
0.240000	42.00	10.6	62	20.1	QP	N	GND

MEASUREMENT RESULT: "T-0511-32_fin2"

5/11/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165000	38.60	10.5	55	16.6	AV	N	GND
0.210000	35.60	10.5	53	17.6	AV	N	GND

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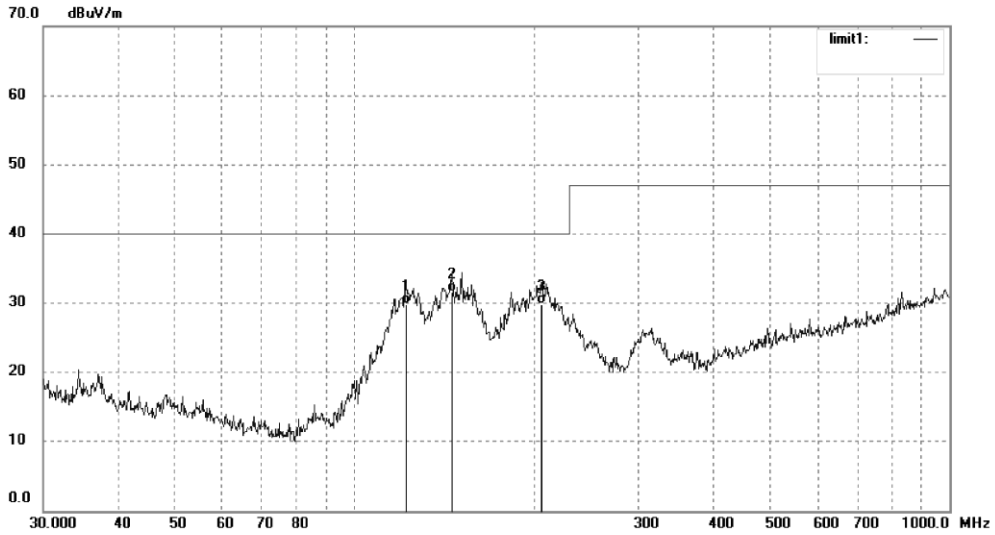
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #4008	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 17/08/29/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75E3c-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	121.9754	43.06	-13.29	29.77	40.00	-10.23	QP			
2	145.8610	46.65	-15.09	31.56	40.00	-8.44	QP			
3	206.3976	41.99	-12.09	29.90	40.00	-10.10	QP			

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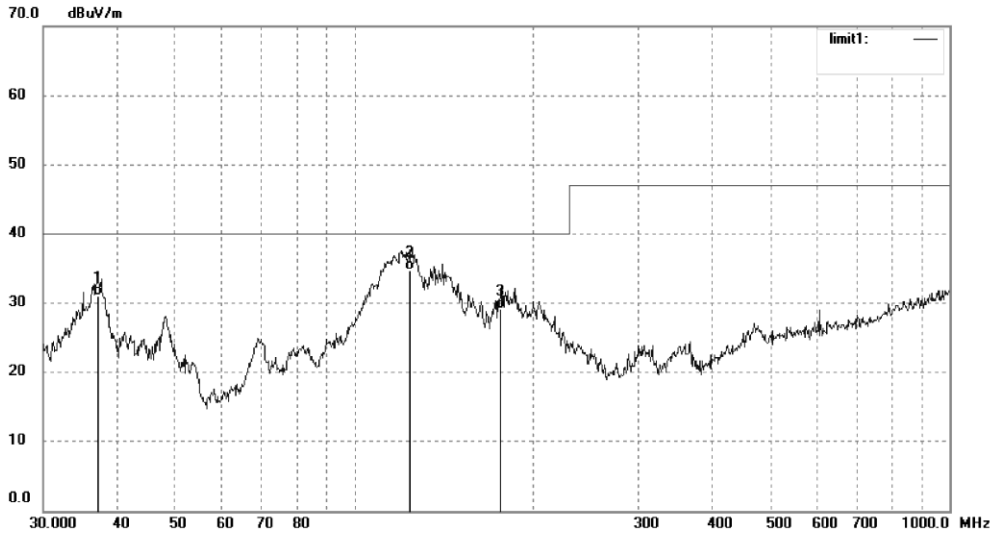
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #4009	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 17/08/29/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75E3c-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.0248	41.88	-10.86	31.02	40.00	-8.98	QP			
2	124.1329	48.25	-13.54	34.71	40.00	-5.29	QP			
3	176.2685	42.62	-13.44	29.18	40.00	-10.82	QP			

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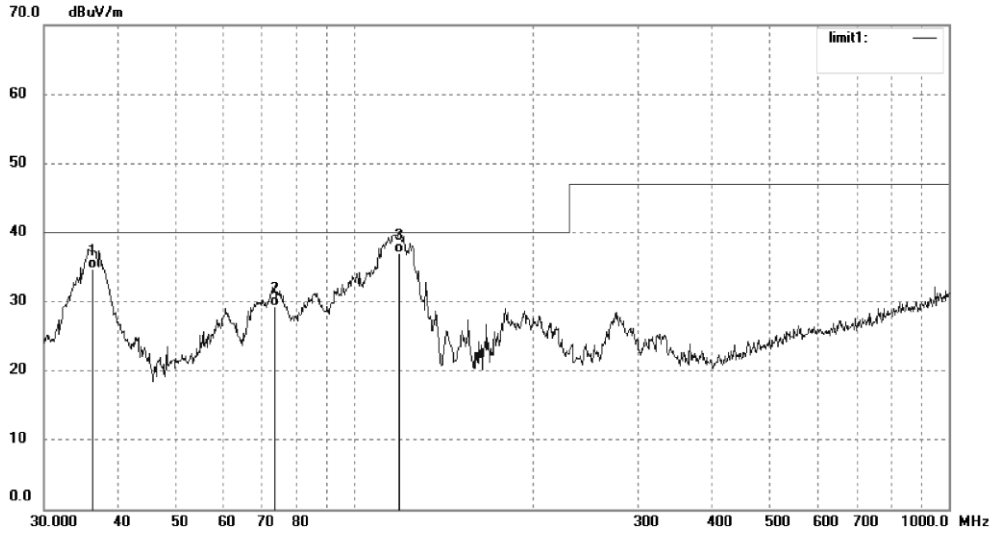
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3075	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75W3-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



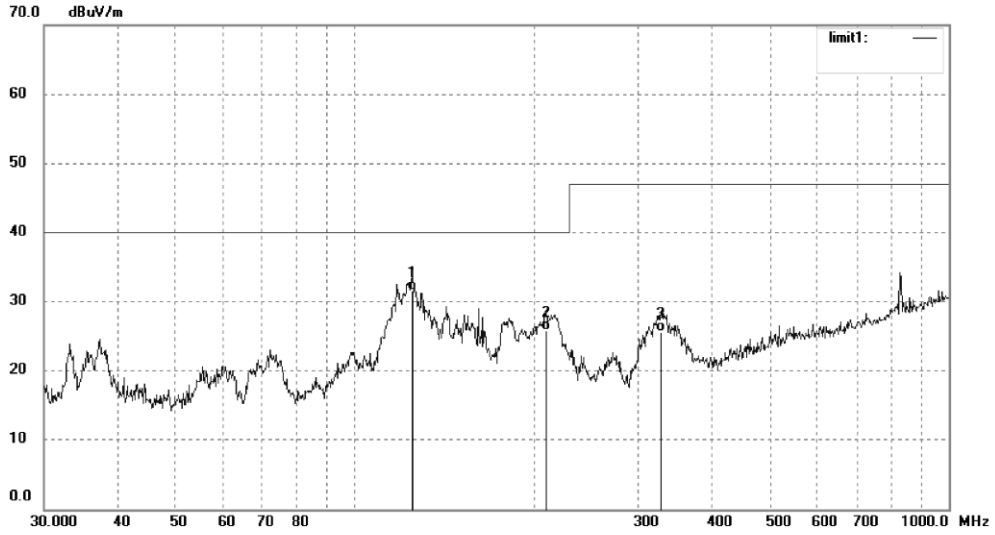
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.2541	45.40	-10.70	34.70	40.00	-5.30	QP			
2	73.3593	45.88	-16.51	29.37	40.00	-10.63	QP			
3	119.0180	50.04	-13.06	36.98	40.00	-3.02	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3076	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75W3-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	125.0066	45.21	-13.63	31.58	40.00	-8.42	QP			
2	210.0482	37.83	-11.99	25.84	40.00	-14.16	QP			
3	327.8872	33.69	-8.12	25.57	47.00	-21.43	QP			

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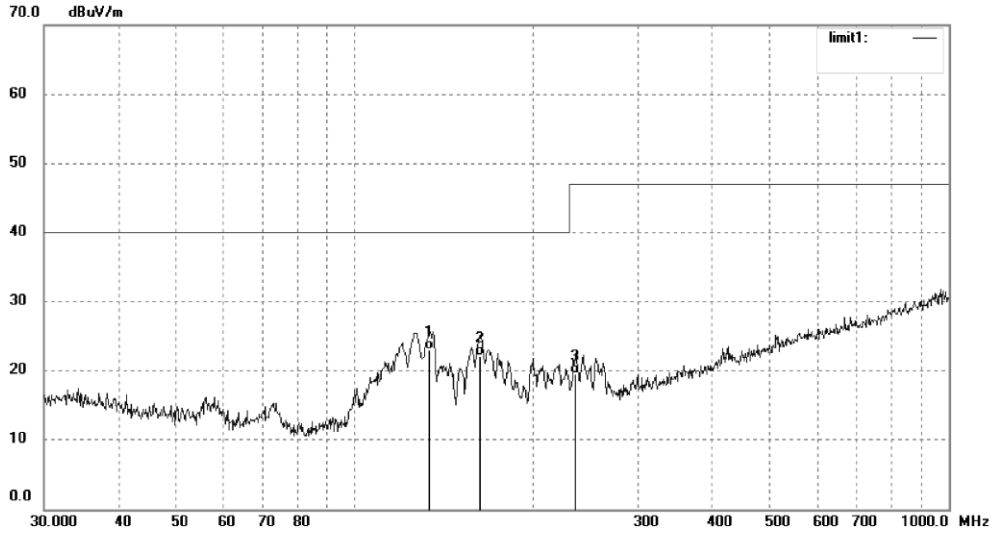
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3077	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e2-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	133.6187	36.87	-13.91	22.96	40.00	-17.04	QP			
2	162.6106	36.48	-14.36	22.12	40.00	-17.88	QP			
3	234.9909	30.33	-10.85	19.48	47.00	-27.52	QP			

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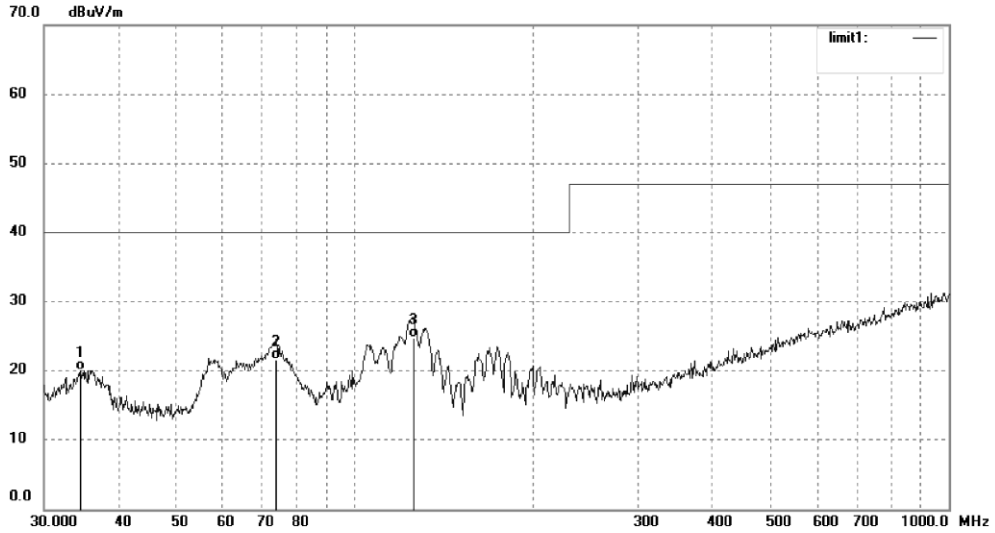
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3078	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e2-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.5172	30.37	-10.28	20.09	40.00	-19.91	QP			
2	73.6170	38.08	-16.54	21.54	40.00	-18.46	QP			
3	125.4457	38.40	-13.65	24.75	40.00	-15.25	QP			

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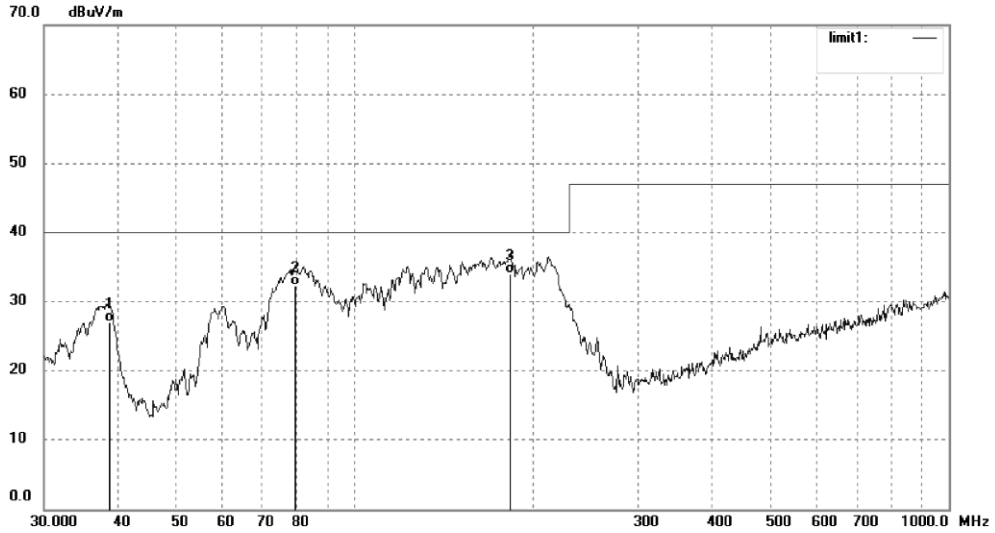
Fax:+86-0755-26503396

Job No.: PING #3079	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e3c-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.7518	38.25	-11.25	27.00	40.00	-13.00	QP			
2	79.5208	48.77	-16.49	32.28	40.00	-7.72	QP			
3	182.5592	46.89	-12.93	33.96	40.00	-6.04	QP			

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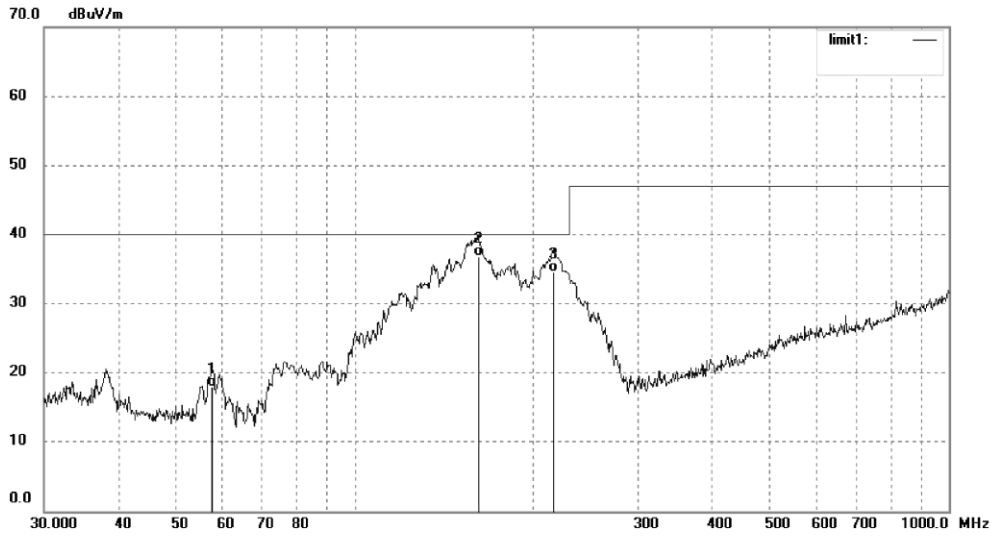
Job No.: PING #3080	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e3c-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	57.5938	31.46	-13.45	18.01	40.00	-21.99	QP			
2	161.4740	51.26	-14.38	36.88	40.00	-3.12	QP			
3	216.0240	46.28	-11.66	34.62	40.00	-5.38	QP			

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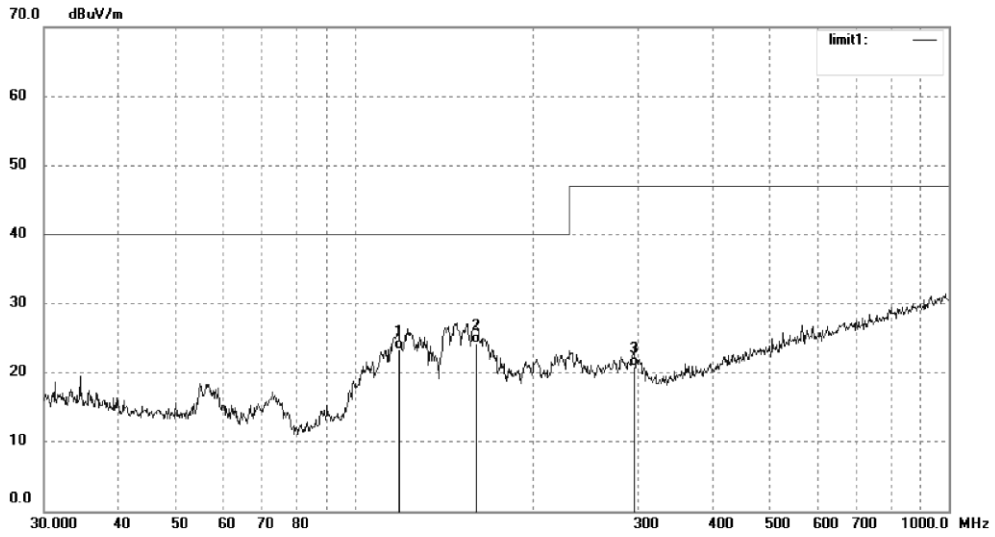
Fax:+86-0755-26503396

Job No.: PING #3081	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e3-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	118.6013	36.46	-13.05	23.41	40.00	-16.59	QP			
2	160.3456	38.69	-14.41	24.28	40.00	-15.72	QP			
3	296.1836	30.05	-9.09	20.96	47.00	-26.04	QP			

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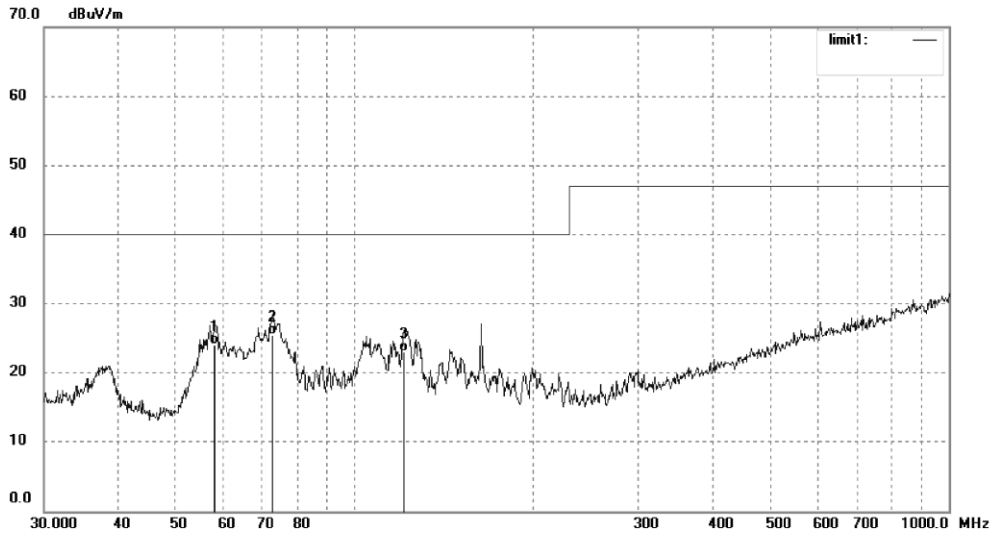
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3082	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75e3-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	57.9992	37.60	-13.52	24.08	40.00	-15.92	QP			
2	72.5916	41.89	-16.40	25.49	40.00	-14.51	QP			
3	121.1230	36.28	-13.19	23.09	40.00	-16.91	QP			

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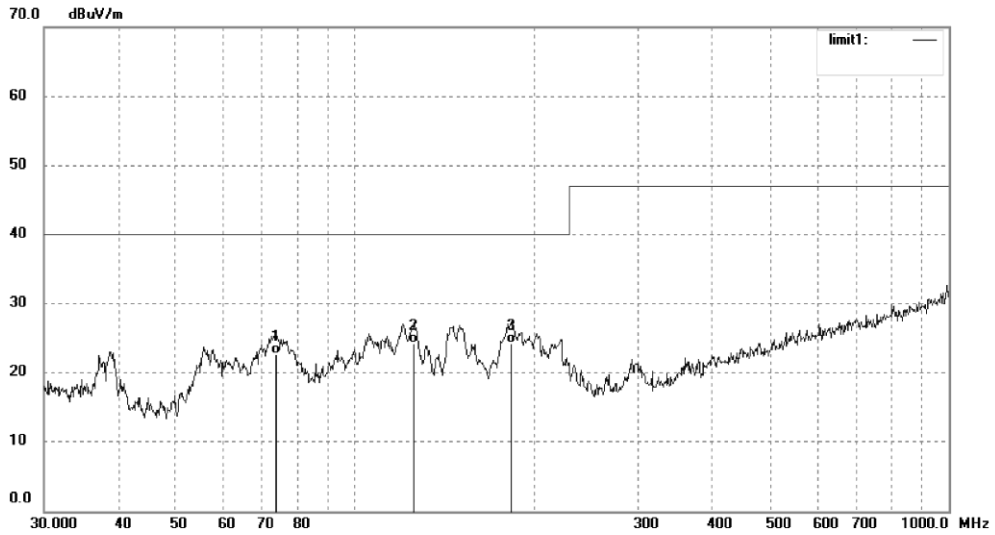
Fax:+86-0755-26503396

Job No.: PING #3083	Polarization: Vertical
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75w4-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	73.6170	39.25	-16.54	22.71	40.00	-17.29	QP			
2	125.8863	37.84	-13.66	24.18	40.00	-15.82	QP			
3	183.8439	37.04	-12.73	24.31	40.00	-15.69	QP			

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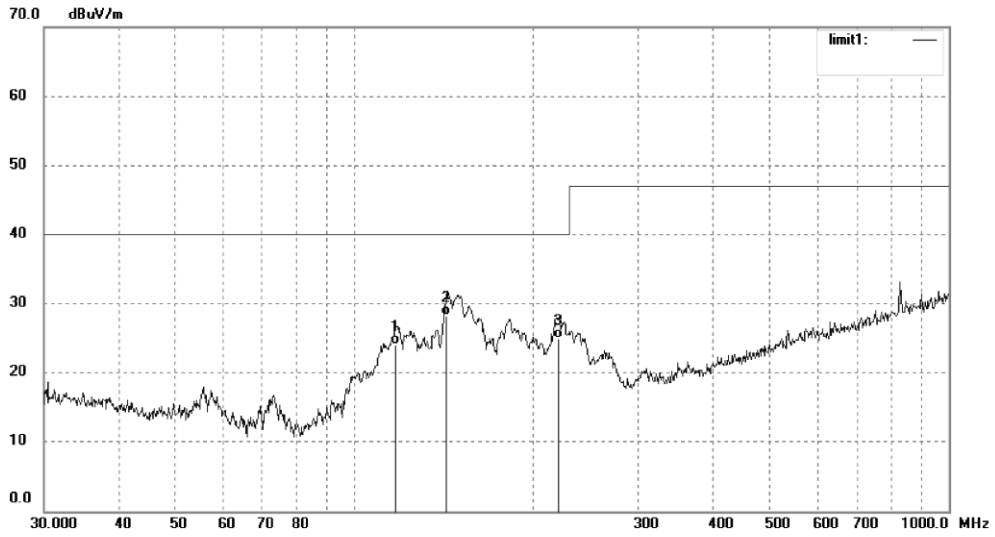
Fax:+86-0755-26503396

Job No.: PING #3084	Polarization: Horizontal
Standard: EN55032 ClassB Radiated	Power Source: AC 240V/50Hz
Test item: Radiation Test	Date: 2017/05/11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: SWITCHING ADAPTER	Engineer Signature: PING
Mode: Maximum load	Distance: 3m
Model: ASSA75w4-050540	
Manufacturer: AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	117.3602	37.18	-13.07	24.11	40.00	-15.89	QP			
2	142.8243	43.46	-15.11	28.35	40.00	-11.65	QP			
3	219.8448	36.48	-11.51	24.97	40.00	-15.03	QP			

Measurement Uncertainties

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Table 1: Measurement Uncertainty levels

Test	Parameters	Expanded uncertainty (U_{lab})	Expanded uncertainty (U_{cispr})
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 2.81 dB ± 2.89 dB	± 3.8 dB ± 3.4 dB
Power disturbance	Level accuracy (30MHz to 300MHz)	± 4.22 dB	± 4.5 dB
Electromagnetic Radiated Emission (3-loop)	Level accuracy (9kHz to 30MHz)	± 2.46 dB	N/A
Radiated Emission	Level accuracy (9kHz to 30MHz)	± 3.79 dB	N/A
Radiated Emission	Level accuracy (30MHz to 1000MHz)	± 5.10 dB ± 5.08 dB	± 6.3 dB
Radiated Emission	Level accuracy (above 1000MHz)	± 5.54 dB	N/A
Mains Harmonic	Voltage	± 5.51%	N/A
Voltage Fluctuations & Flicker	Voltage	± 7.30%	N/A

As U_{lab} in all applicable tests listed above are less than U_{cispr} according to CISPR 16-4-2:2011,

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.

C E R T I F I C A T E

of Conformity

EC Council Directive 2014/30/EU

Electromagnetic Compatibility

TÜVRheinland®

Registration No.: AE 50387476 0001

Report No.: 17057901 002

Holder:
AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
BUILDING A AND B, THE NO.4 OF TENGFENG THIRD ROAD, FENGHUANG THIRD INDUSTRY, FUYONG TOWN
BAOAN ZONE, SHENZHEN CITY
P. R. China

Product:
Power Supply
(SWITCHING ADAPTER)

Identification:
Type Designation: ASSA75z-050yyy PCx-050yyy
('x','yyy','z' are variables, refer to test report)
Serial No. : n.a.
Remark: Refer to above-listed test report for details.

Tested acc. to:
EN 55032:2012
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 55024:2010

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle TÜVRheinland®

Certification Body

Date 05.09.2017

Johnny Lau

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

TÜV Rheinland (China) Ltd.
Member of TÜV Rheinland Group

TÜVRheinland®
Precisely Right.

AQUIL STAR PRECISION INDUSTRIAL
(SHENZHEN) CO., LTD.

Date : 05.09.2017
Our ref. : DK 02
Your ref.:

BUILDING A AND B, THE NO.4 OF
TENGFENG THIRD ROAD, FENGHUANG
THIRD INDUSTRY, FUYONG TOWN
BAOAN ZONE, SHENZHEN CITY
P. R. China

Ref : AE Certificate of Conformity EMC

Type of Equipment : SWITCHING ADAPTER
Model Designation : See Certificate
Certificate No. : AE 50387476 0001
Report No. : 17057901 002

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

Johnny Lau

Enclosure

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司
Unit 707, AVIC Bldg., No. 10B, Central Road, East 3rd Ring Road, Chaoyang District, Beijing, 100022, P.R.China
北京市朝阳区东三环中路乙10号
艾维克大厦707室
邮编：100022
Tel: (8610)6566 6660
Fax: (8610)6566 6667
e-mail: info@bj.chn.tuv.com
Internet: http://www.chn.tuv.com

C E R T I F I C A T E

TÜVRheinland®

of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50343614 0001

Report No.: 17057035 001

Holder:
AQUIL STAR PRECISION INDUSTRIAL (SHENZHEN) CO., LTD.
BUILDING A AND B, THE NO.4 OF TENGFENG THIRD ROAD, FENGHUANG THIRD INDUSTRY, FUYONG TOWN
BAOAN ZONE, SHENZHEN CITY
P.R. China

Product:
Switching Power Supply
(Switching Adapter)

Identification:
Type Designation: ASSA75z-050yyy, PCx-050yyy
For detail of the variables z, x and yyy refer to TÜV Rheinland license S 50343604 pages 0001-0003.
Serial No.: n.a.
Remark: Issued in conjunction with above TÜV Rheinland license.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

Certification Body

Date 31.05.2016

Dipl.-Ing. Univ. S. O. Steinke

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

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Member of TÜV Rheinland Group

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AQUIL STAR PRECISION INDUSTRIAL
(SHENZHEN) CO., LTD.
Chen Yan, Manager
R&D
BUILDING A AND B, THE NO.4 OF
TENGFENG THIRD ROAD, FENGHUANG
THIRD INDUSTRY, FUYONG TOWN
BAOAN ZONE, SHENZHEN CITY
P.R. China

Date : 31.05.2016
Our ref. : SHITERRY 02
Your ref.: C.Y.

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Switching Adapter
Model Designation : See Certificate
Certificate No. : AN 50343614 0001
Report No. : 17057035 001

Dear Chen Yan,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

Dipl.-Ing. Univ. S. O. Steinke

Enclosure

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司
Unit 707, AVIC Bldg., No. 10B, Central Road, East 3rd Ring Road, Chaoyang District, Beijing, 100022, P.R.China
北京市朝阳区东三环中路乙10号艾维克大厦707室
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e-mail: info@bj.chn.tuv.com
Internet: http://www.chn.tuv.com