

Prüfbericht-Nr.: <i>Test Report No.:</i>	17057901 001	Auftrags-Nr.: <i>Order No.:</i>	164056241	Seite 1 von 27 Page 1 of 27
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	449086	Auftragsdatum: <i>Order date.:</i>	10 Mar. 2016	
Auftraggeber: <i>Client:</i>	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: <i>Test item:</i>	SWITCHING ADAPTER			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	ASSA75z-050yyy, PCx-050yyy (Details refer to section 3.1)			
Auftrags-Inhalt: <i>Order content:</i>	TUV Rheinland - EMC service			
Prüfgrundlage: <i>Test specification:</i>	EN 55022:2010 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013			
Wareneingangsdatum: <i>Date of receipt:</i>	15 February 2016			
Prüfmuster-Nr.: <i>Test sample No.:</i>	EST-E16012508			
Prüfzeitraum: <i>Testing period:</i>	Refer to test report			
Ort der Prüfung: <i>Place of testing:</i>	Refer to section 2.1			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
11.04.2016	Tiger Su Senior Project Engineer	11.04.2016	Felix Tao Senior Project Engineer	
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 HARMONICS ON AC MAINS

RESULT: Pass

5.1.2 VOLTAGE FLUCTUATIONS ON AC MAINS

RESULT: Pass

5.1.3 MAINS TERMINAL CONTINUOUS DISTURBANCE VOLTAGE

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

6.2.1 RADIO-FREQUENCY ELECTROMAGNETIC FIELD AMPLITUDE MODULATED (RS)

RESULT: Pass

6.2.2 RADIO-FREQUENCY CONTINUOUS CONDUCTED (CS)

RESULT: Pass

6.3.1 FAST TRANSIENTS (EFT)

RESULT: Pass

6.3.2 SURGE

RESULT: Pass

6.3.3 ELECTROSTATIC DISCHARGES (ESD)

RESULT: Pass

6.4.1 VOLTAGE DIP AND INTERRUPTIONS

RESULT: Pass

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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

EST Technology Co., Ltd.

Santun(guantai Road), Houjie Town, DongGuan City, GuangDong, China

Guangdong Dongguan Quality Supervision Testing Center (DQT)

No.2, Gongye South Road, Songshanhu, Dongguan, Guangdong, China

The tests at the test sites 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
Mains Terminal Disturbance Voltage (EST)				
EMI Test Receiver	R & S	ESHS30	832354	28 Jun 16
Artificial Mains Network	R & S	ENV216	101260	28 Jun 16
Pulse Limiter	R & S	ESH3-Z2	101100	28 Jun 16
Radiated Emission (EST)				
EMI Test Receiver	R & S	ESVS10	100004	28 Jun 16
Spectrum Analyzer	Agilent	E4411B	MY50140697	28 Jun 16
Bilog Antenna	Teseq	CBL 6111D	25872	28 Jun 16
Signal Amplifier	Agilent	310N	187037	28 Jun 16
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D1002	28 Jun 16
Signal Amplifier	SCHWARZBECK	9718-212	9718-212	28 Jun 16
Spectrum Analyzer	Agilent	E4408B	MY44211139	28 Jun 16
ESD (EST)				
ESD Generator	HAEFELY	ONYX16	174153	28 Jun 16
EFT (EST)				
EFT Generator	HAEFELY	ECOMPACT 4	173659	28 Jun 16
Surge (EST)				
Surge Controller	HAEFELY	PSURGE8000	174034	28 Jun 16
Surge Impulse Module	HAEFELY	PIM100	174125	28 Jun 16
Surge Coupling Network	HAEFELY	PCD100	174134	28 Jun 16
Voltage Dips and Interruptions (EST)				
DIPS Tester	HAEFELY	ECOMPACT 4	173659	28 Jun 16
RF Strength Susceptibility (DQT)				
Log-periodic Antenna	Schwarzbeck	STLP9128E/A M9144	DQM0278	05 Nov 16
Horn antenna	Amplifier Research	AT4002A	DQN0104	24 Aug 16
Power Meter	Boonton	4232A/51011-EMC	DQM0272	14 Dec 16
Isotropic Field Probe	RadiCentre	CTR1008A	DQM0273	14 Dec 16
Signal Generator	Rohde & Schwarz	SML03	DQM0271	14 Dec 16

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Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Amplifier	Amplier Research	150W1000	DQM0276	14 Dec 16
Amplifier	Amplier Research	30S1G3	DQM0277	14 Dec 16
Receiver	Rohde & Schwarz	ESCI	DQM0253	14 Dec 16
Radio-Frequency Continuous Conducted (CS) (EST)				
CS Test System	FRANKONIA	CIT-10	126A1163	28 Jun 16
CDN	FRANKONIA	CDN-M2+M3	A2210150	28 Jun 16
6dB Attenuator	BIRD	25-A-MFN-06	1154482	28 Jun 16

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;

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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
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Details refer to User manual and Schematic diagram.

3.2 Ratings and System Details

System input:	AC 100-240V
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. Maximum load
 - 2. Medium load
 - 3. Minimum load
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram

3.5 Submitted Documents

- | | |
|---------------------|----------------|
| - Schematic diagram | - Rating label |
| - User manual | - 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 & 6. According to section 3.1, full tests were applied to model ASSA75e2-050540, ASSA75w4-050540, ASSA75e3-050540, ASSA75e3c-050540, ASSA75W3-050540 & ASSA75E3c-050540 only.

4.3 Special Accessories and Auxiliary Equipment

During the testing, the EUTs were tested together with the resistive load.

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 procedure : EN 61000-3-2:2014
Class : A

According to Clause 7 of EN 61000-3-2: 2014, the EUTs are information technology equipment, and belong to 'equipment with a rated power of 75W or less', therefore 'limits are not specified in this edition of the standards'.

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 about 27W, 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 Mains Terminal Continuous Disturbance Voltage

RESULT:

Pass

Date of testing : 2016-02-15
Test standard : EN 55022:2010
Frequency range : 0.15 - 30MHz
Classification : Class B
Limits : Table 2
Kind of test site : Shielded room

Test setup

Input Voltage : AC100-240V, 50/60Hz
Operation Condition : According to clause 8.4 & 9.5
Operation mode : A
Earthing : Not Connected

Detailed test data refer to attached Appendix 1.

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Emission

RESULT:

Pass

Date of testing	:	2016-02-15
Test standard	:	EN 55022:2010
Frequency range	:	30 - 1000MHz*
Classification	:	Class B
Limits	:	Table 6
Kind of test site	:	3m semi-anechoic chamber

Test setup:

Input Voltage	:	AC100-240V, 50/60Hz
Operation Condition	:	According to clause 8.4 & 10.5
Operation mode	:	A
Earthing	:	Not Connected

* - Test is up to 1GHz only, since the EUT's highest internal frequency is less than 108MHz.

Detailed test data refer to attached Appendix 1.

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 & 4 of clause 10.

Continuous Disturbance

Radio-Frequency Electromagnetic Field Amplitude Modulated (RS)	Criterion A
Radio-Frequency Continuous Conducted (CS)	Criterion A
Power Frequency Magnetic Fields *	Criterion A

Transient Disturbance

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

Remark:

*The EUTs don't contain devices susceptible to magnetic fields, therefore the Power-Frequency Magnetic Fields test is not necessary.

6.2 Continuous Disturbances

6.2.1 Radio-Frequency Electromagnetic Field Amplitude Modulated (RS)

RESULT:

Pass

Date of Testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-3: 2006
Criterion	:	A
Frequency Range	:	80 - 1000MHz
Test Level	:	3V/m (Unmodulated, r.m.s.)
Modulation	:	AM 80%, 1kHz sine-wave

Test setup

Input Voltage	:	AC100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

6.2.2 Radio-Frequency Continuous Conducted (CS)

RESULT:

Pass

Date of testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-6: 2008
Criterion	:	A
Frequency range	:	0.15 - 80 MHz
Source impedance	:	150Ω
Test level	:	3V (unmodulated, r.m.s.)
Modulation	:	AM 80%, 1kHz sine-wave
Sweep mode	:	automatic
Sweep rate	:	< 1.5×10 ⁻³ decade / sec.

Test setup

Input Voltage	:	AC100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

6.3 Transient Disturbances

6.3.1 Fast Transients (EFT)

RESULT:

Pass

Date of testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-4: 2004
Criterion	:	B
Test level	:	±1kV
Test duration	:	≥60sec
Rise time	:	5/50ns
Repetition frequency	:	5 kHz

Test setup

Input Voltage	:	AC 100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

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6.3.2 Surge

RESULT:

Pass

Date of testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-5: 2005
Criterion	:	B
Source impedance	:	2Ω
Test level	:	±0.5kV, ±1kV
Coupling phases	:	0°, 90°, 180°, 270°
Number of surges	:	5 (for each combination of parameters)
Repetition rate	:	Max. 1/min

Test Setup

Input Voltage	:	AC100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

6.3.3 Electrostatic Discharges (ESD)

RESULT:

Pass

Date of testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-2: 2008
Criterion	:	B
Charge voltage	:	±2.0kV, ±4.0kV, ±8.0kV (air discharge) ±4.0kV (contact discharge)
Number of discharges	:	>10

Test Setup

Input Voltage	:	AC100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

6.4 Power Supply Alterations

6.4.1 Voltage Dip and Interruptions

RESULT:

Pass

Date of testing	:	2016-02-24
Test Specification	:	EN 55024:2010
Basic Standard	:	IEC 61000-4-11: 2004
Criterion	:	B & C

Test Setup

Input Voltage	:	AC100-240V, 50/60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Refer to attached Appendix 1

7. Photographs of the Test Set-Up

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



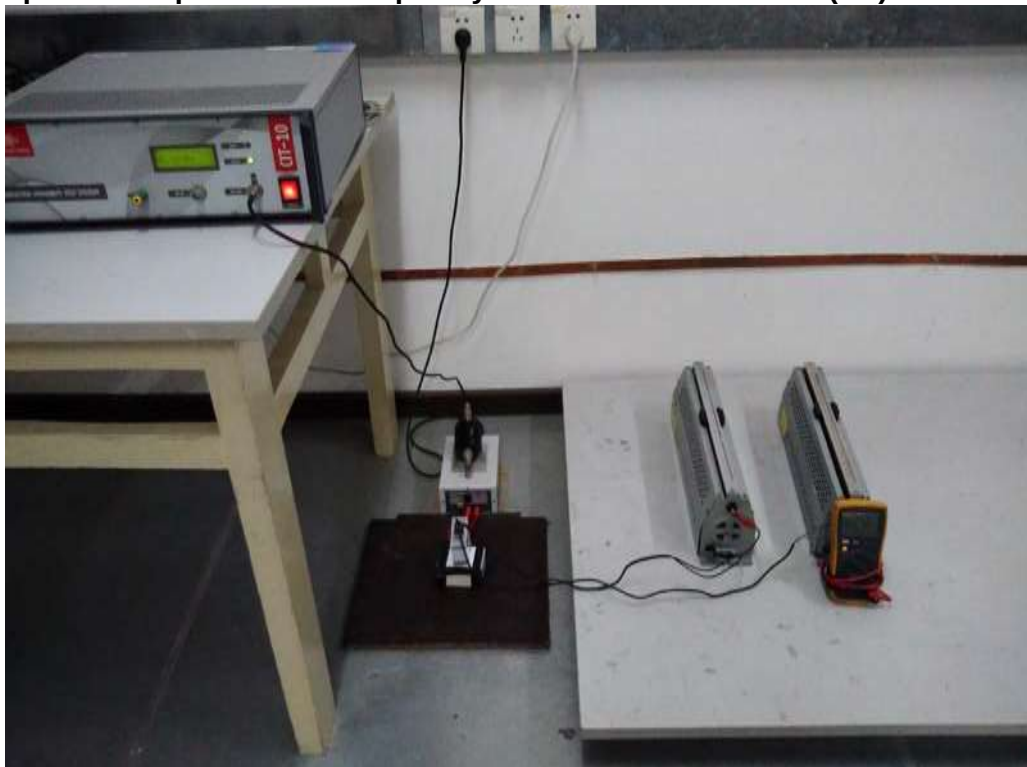
Photograph 2: Set-up for Radiated Emission



Photograph 3: Set-up for Radio-Frequency Electromagnetic Field (RS)



Photograph 4: Set-up for Radio-Frequency Continuous Conducted (CS)



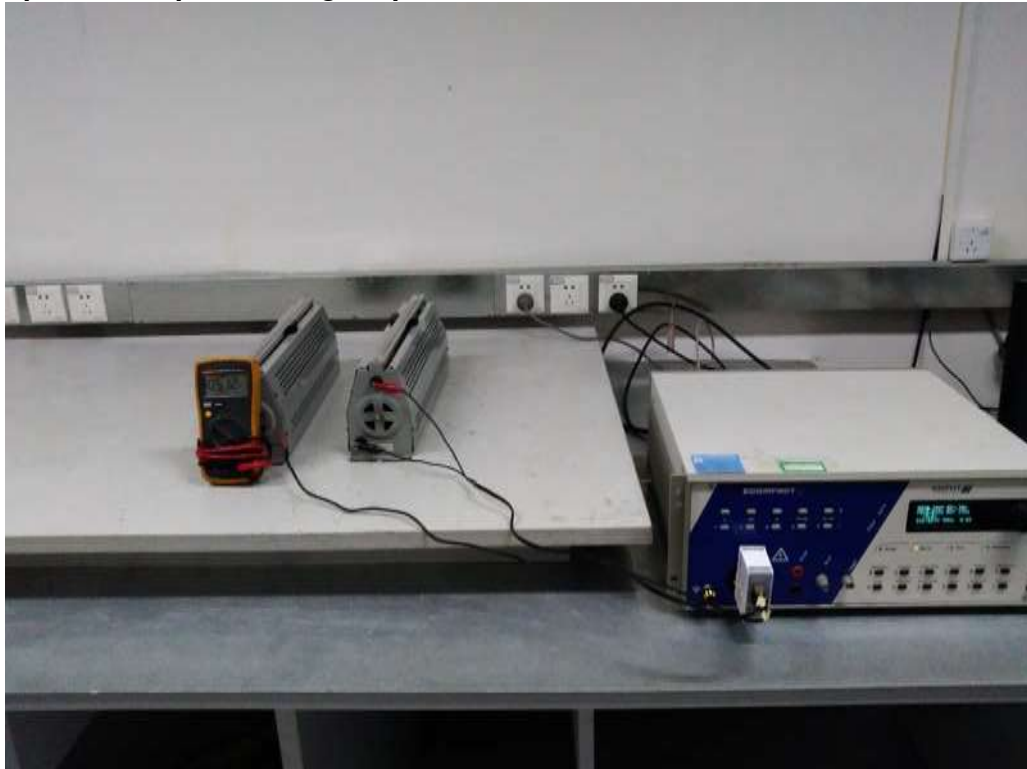
Photograph 5: Set-up for Fast Transients on AC Mains



Photograph 6: Set-up for Surge on AC Mains



Photograph 7: Set-up for Voltage Dips on AC Mains



Photograph 8: Set-up for Electrostatic Discharges (ESD)



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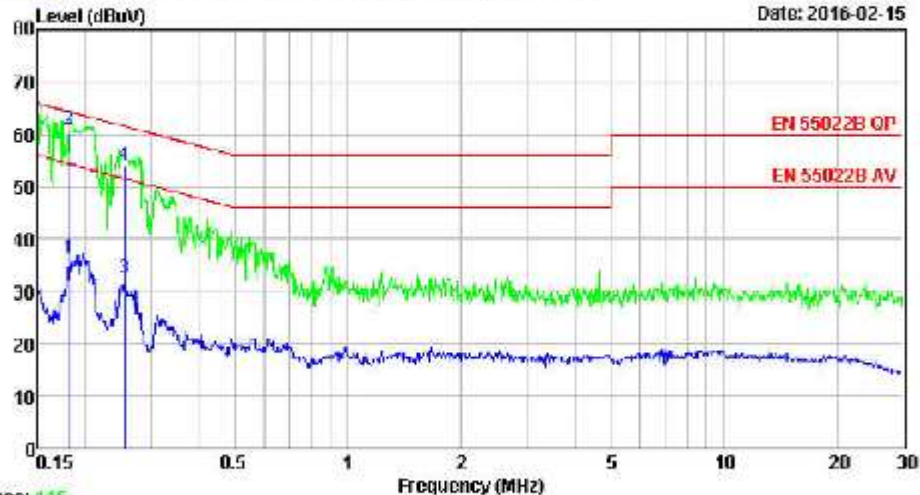
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Data: 146

File: \\Emc-ca\test data\2016\Yingxing\EM6 (240)

Date: 2016-02-15



Trace: 145

Site no : 844 Shield Room Data no. : 146
Env. / Ins. : Temp:24.3°C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/M : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.18	9.61	9.80	16.92	36.33	54.42	18.09	Average
2	0.18	9.61	9.80	41.59	61.00	64.42	3.42	QP
3	0.25	9.61	9.82	13.17	32.60	51.60	19.00	Average
4	0.25	9.61	9.82	34.57	54.00	61.60	7.60	QP

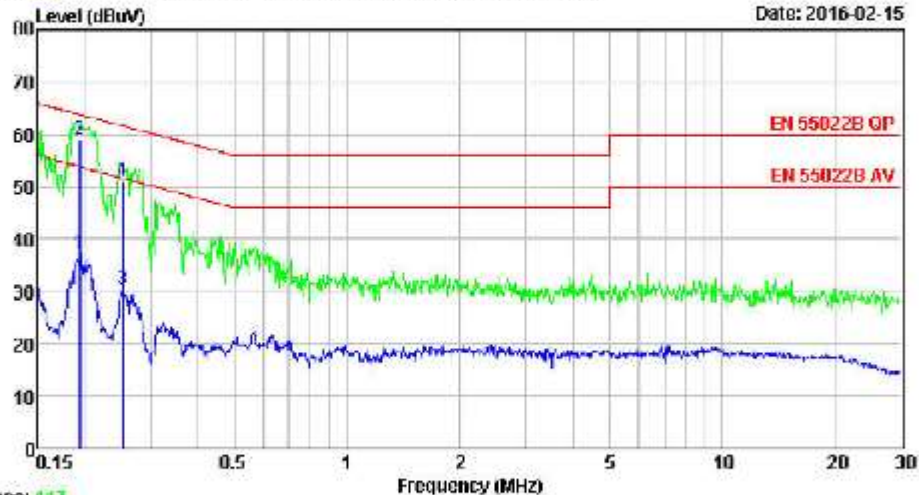
EST Technology

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Data: 148

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 147

Site no : 844 Shield Room Data no. : 148
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.59	9.80	17.71	37.10	53.64	16.74	Average
2	0.19	9.59	9.00	39.61	59.00	60.04	4.04	QP
3	0.25	9.60	9.82	11.13	30.55	51.64	21.09	Average
4	0.25	9.60	9.82	31.38	51.00	61.64	10.64	QP

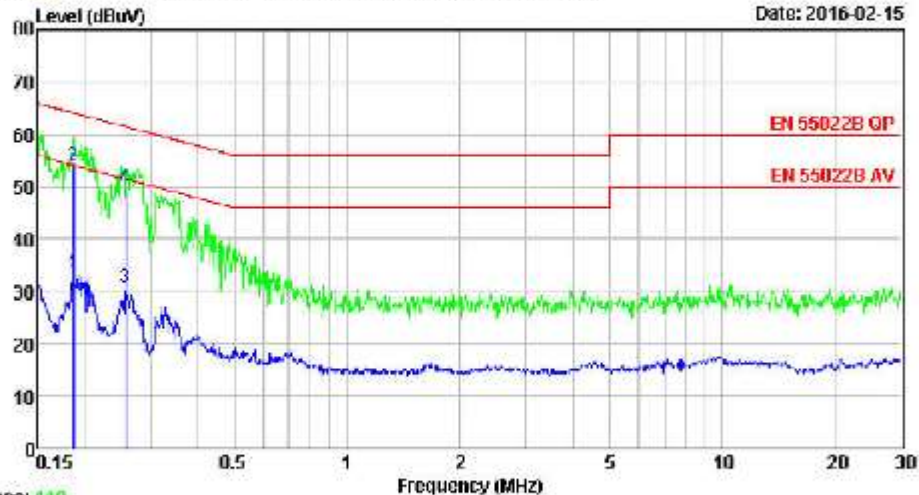
EST Technology

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Data: 150

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 149

Site no : 844 Shield Room Data no. : 150
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.57	9.80	14.12	33.49	54.20	20.71	Average
2	0.19	9.57	9.00	34.63	54.00	64.20	10.20	QP
3	0.26	9.60	9.82	11.20	30.62	51.51	20.89	Average
4	0.26	9.60	9.82	30.38	50.00	61.51	11.51	QP

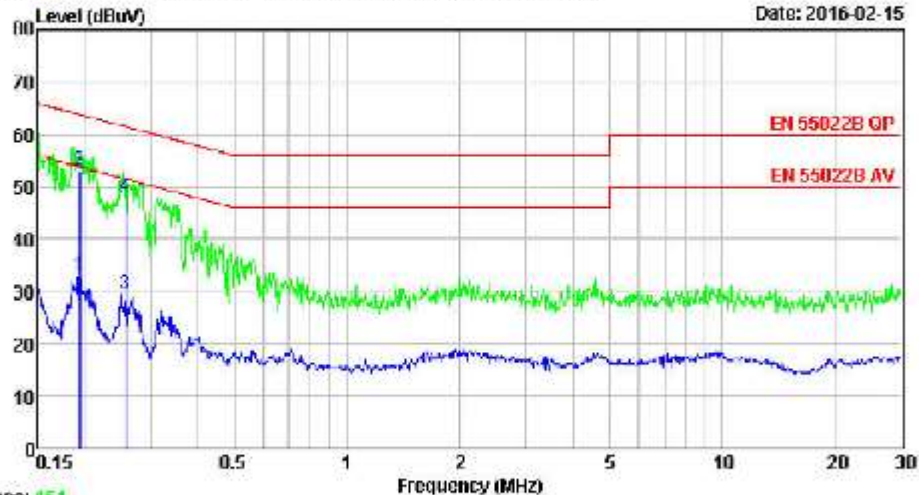
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Data: 152

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 151

Site no : 844 Shield Room Data no. : 152
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	13.71	33.12	53.84	20.72	Average
2	0.19	9.61	9.00	33.53	53.00	63.04	10.04	QP
3	0.26	9.61	9.82	10.05	29.51	51.51	22.00	Average
4	0.26	9.61	9.82	28.57	48.00	61.51	13.51	QP

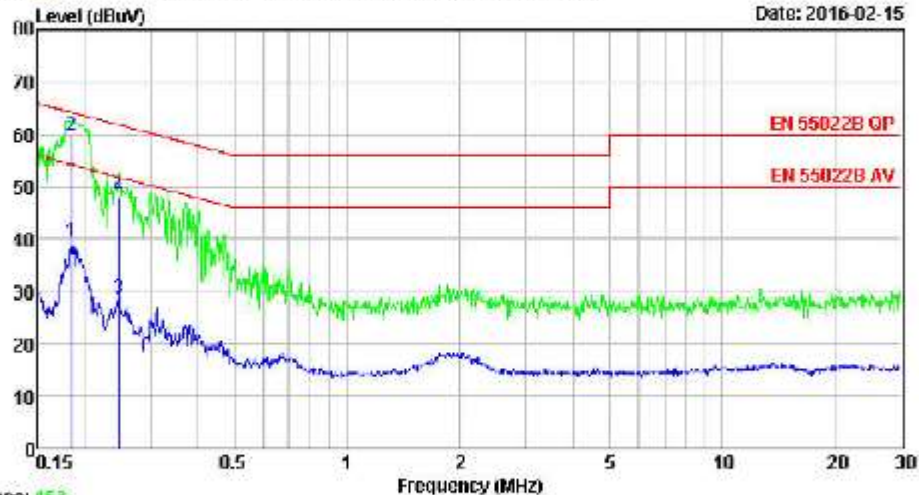
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Data: 154

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 153

Site no : 844 Shield Room Data no. : 154
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75x4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	20.01	39.42	54.24	14.82	Average
2	0.19	9.61	9.00	40.55	60.00	64.84	4.84	QP
3	0.25	9.61	9.82	9.16	28.59	51.86	23.27	Average
4	0.25	9.61	9.82	28.57	48.00	61.86	13.86	QP

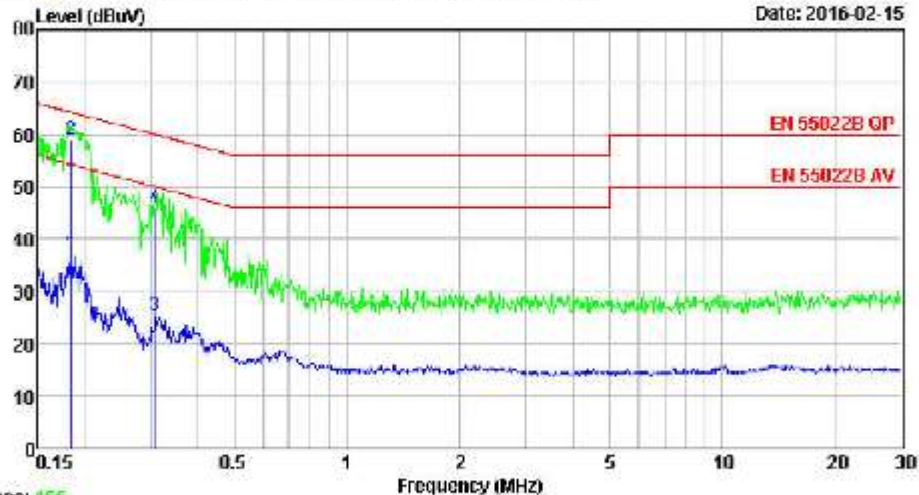
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Data: 156

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 155

Site no : 844 Shield Room Data no. : 156
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75x4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.18	9.56	9.80	17.97	37.33	54.28	16.95	Average
2	0.18	9.56	9.80	39.64	59.00	64.80	5.80	QP
3	0.31	9.60	9.83	5.95	25.39	50.02	24.63	Average
4	0.31	9.60	9.83	26.57	46.00	60.02	14.02	QP

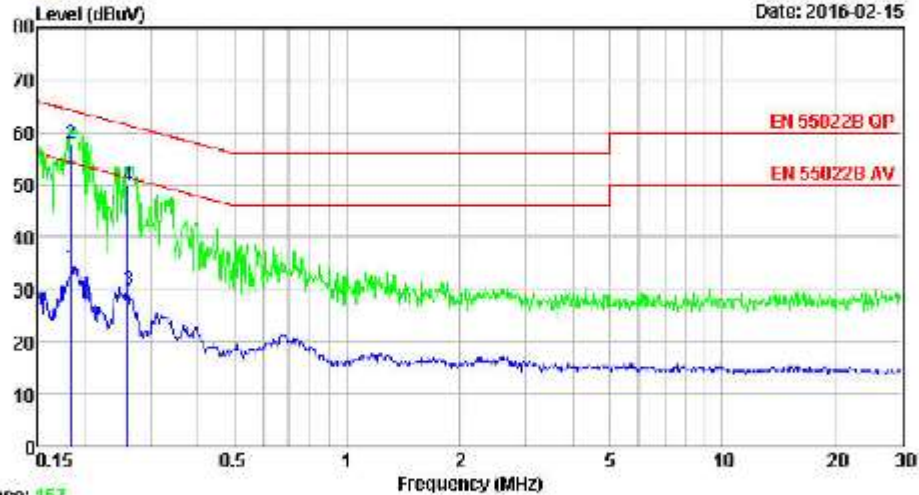
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Data: 158

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 157

Site no : 844 Shield Room Data no. : 158
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75x4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.18	9.56	9.80	14.87	34.23	54.28	20.05	Average
2	0.10	9.56	9.00	30.64	50.00	64.20	6.20	QP
3	0.26	9.60	9.82	10.31	29.73	51.38	21.65	Average
4	0.26	9.60	9.82	30.38	50.00	61.38	11.38	QP

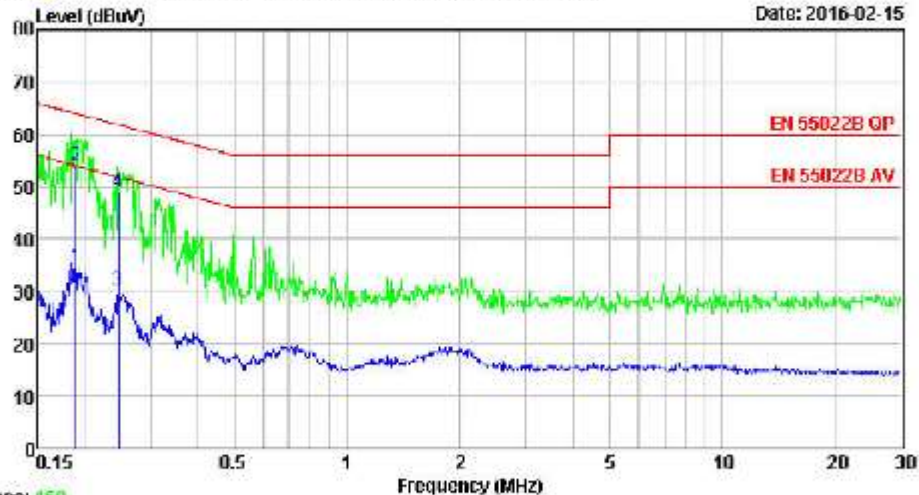
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Data: 160

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 150

Site no : 844 Shield Room Data no. : 160
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75x4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	15.16	34.57	54.06	19.49	Average
2	0.19	9.61	9.00	34.59	54.00	64.06	10.06	QP
3	0.25	9.61	9.82	10.73	30.16	51.91	21.75	Average
4	0.25	9.61	9.82	29.57	49.00	61.91	12.91	QP

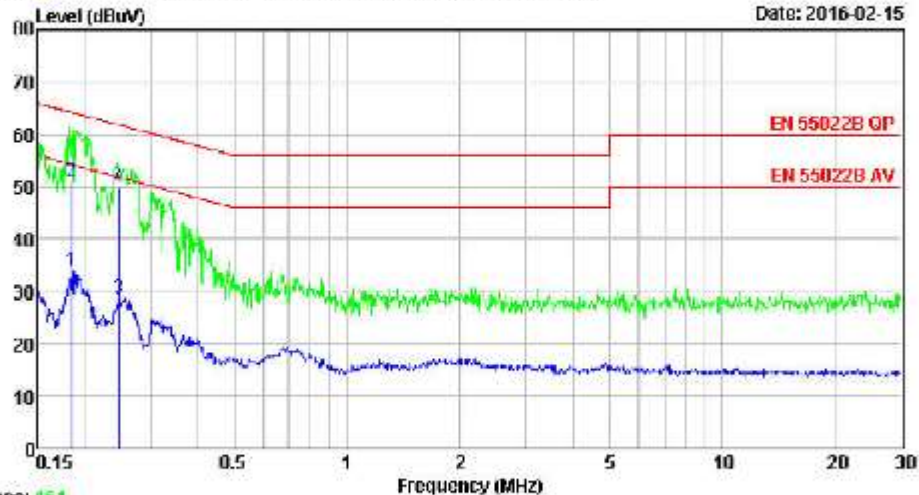
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Data: 162

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 161

Site no : 844 Shield Room Data no. : 162
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	14.50	33.91	54.24	20.33	Average
2	0.19	9.61	9.00	31.53	51.00	64.84	13.84	QP
3	0.25	9.61	9.82	9.23	28.66	51.86	23.20	Average
4	0.25	9.61	9.82	30.57	50.00	61.86	11.86	QP

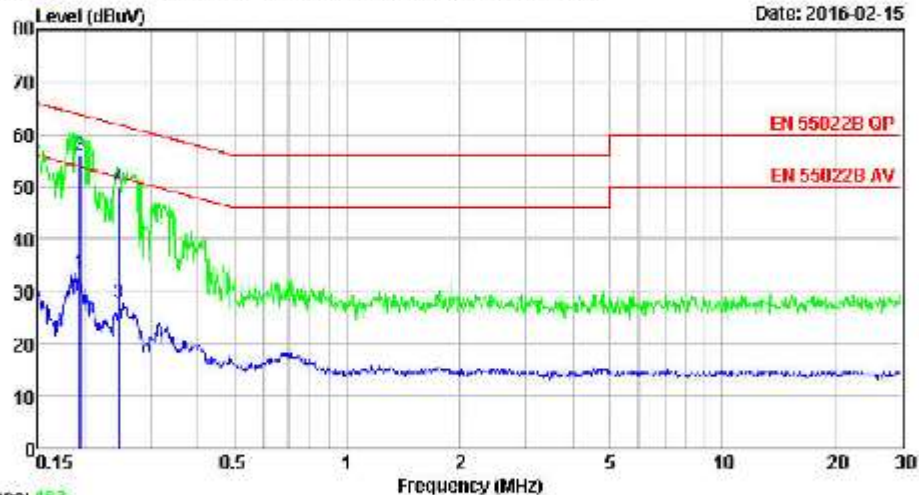
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Data: 164

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 163

Site no : 844 Shield Room Data no. : 164
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.59	9.80	14.05	33.47	53.84	20.37	Average
2	0.19	9.59	9.00	36.61	55.00	60.04	7.04	QP
3	0.25	9.60	9.82	8.35	27.80	51.86	24.06	Average
4	0.25	9.60	9.82	30.35	50.00	61.86	11.86	QP

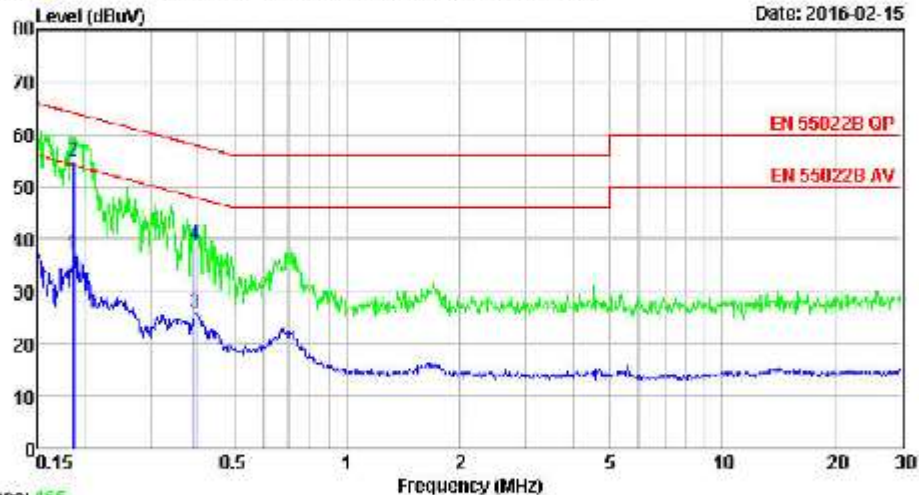
EST Technology

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Data: 166

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 165

Site no : 844 Shield Room Data no. : 166
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	17.65	37.06	54.20	17.14	Average
2	0.19	9.61	9.00	35.53	55.00	64.20	9.20	QP
3	0.39	9.61	9.82	6.45	25.89	47.99	22.10	Average
4	0.39	9.61	9.82	19.57	39.00	57.99	18.99	QP

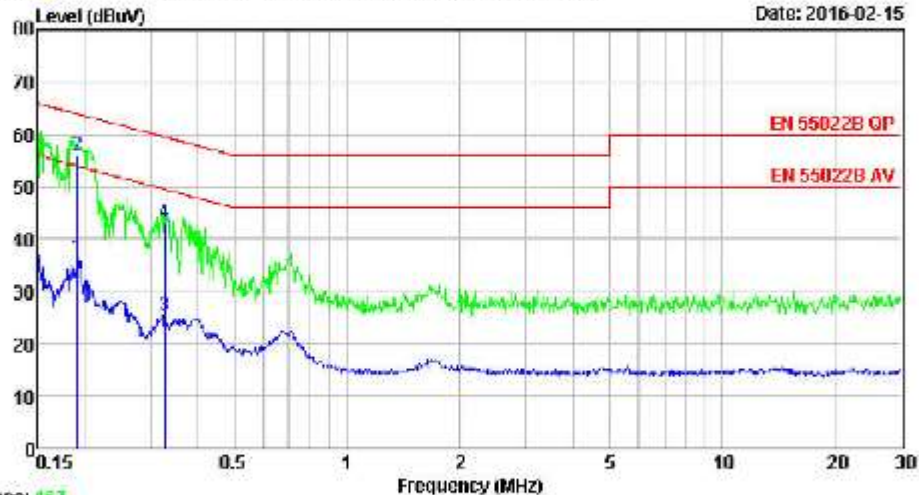
EST Technology

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Data: 168

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 167

Site no : 844 Shield Room Data no. : 168
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.58	9.80	17.23	36.61	53.98	17.37	Average
2	0.19	9.50	9.00	36.62	56.00	60.90	7.90	QP
3	0.33	9.59	9.83	6.05	25.48	49.53	24.05	Average
4	0.33	9.59	9.83	23.38	43.00	50.53	16.53	QP

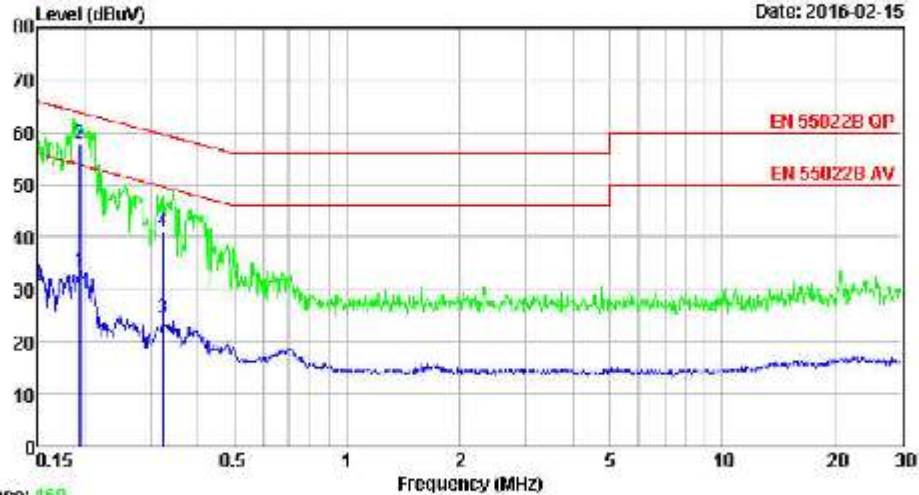
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Data: 170

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 169

Site no : 844 Shield Room Data no. : 170
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.59	9.80	14.07	33.46	53.84	20.38	Average
2	0.19	9.59	9.00	30.61	50.00	60.04	5.04	QP
3	0.32	9.59	9.83	5.13	24.55	49.62	25.07	Average
4	0.32	9.59	9.83	21.38	41.00	50.62	18.62	QP

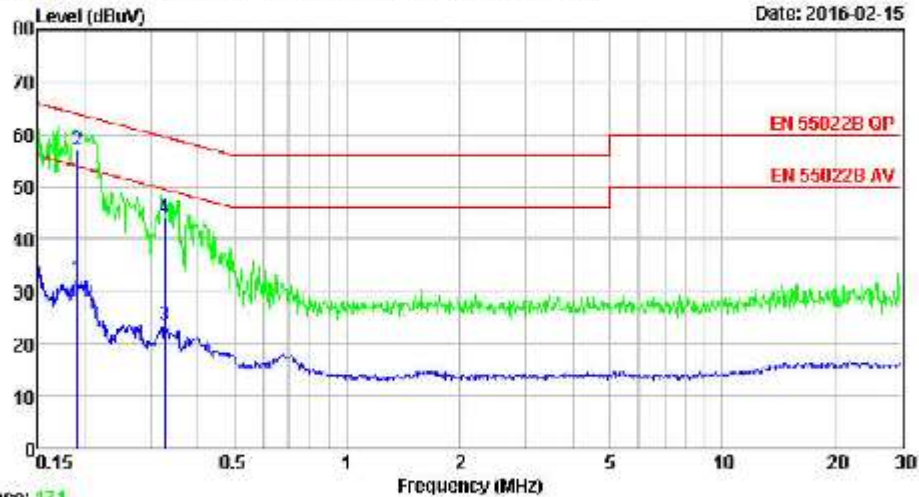
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Data: 172

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 171

Site no : 844 Shield Room Data no. : 172
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75e3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.61	9.80	13.05	32.47	53.98	21.51	Average
2	0.19	9.61	9.00	37.53	57.00	60.90	3.90	QP
3	0.33	9.61	9.83	4.05	23.50	49.53	26.03	Average
4	0.33	9.61	9.83	24.55	44.00	50.53	16.53	QP

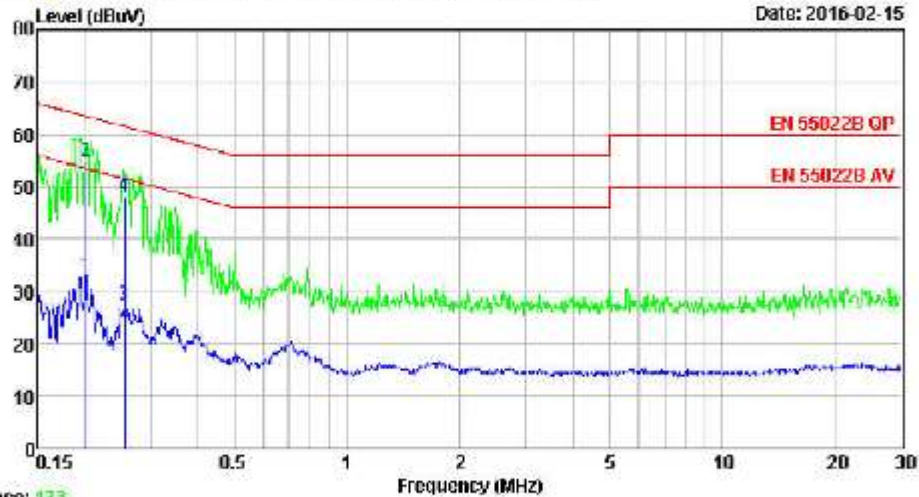
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Data: 174

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 173

Site no : 844 Shield Room Data no. : 174
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.20	9.61	9.80	13.75	33.20	53.58	20.38	Average
2	0.20	9.61	9.00	35.53	55.00	60.50	0.50	QP
3	0.25	9.61	9.82	7.85	27.32	51.60	24.28	Average
4	0.25	9.61	9.82	28.57	48.00	61.60	13.60	QP

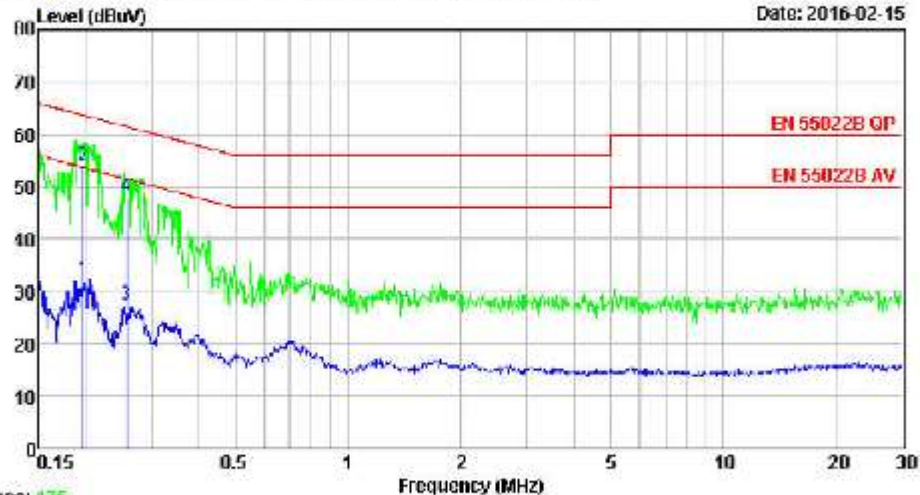
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Data: 176

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 175

Site no : 844 Shield Room Data no. : 176
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.20	9.59	9.80	12.65	32.04	53.76	21.72	Average
2	0.20	9.59	9.00	34.61	54.00	60.76	9.76	QP
3	0.26	9.60	9.82	8.11	27.53	51.51	23.98	Average
4	0.26	9.60	9.82	28.38	48.00	61.51	13.51	QP

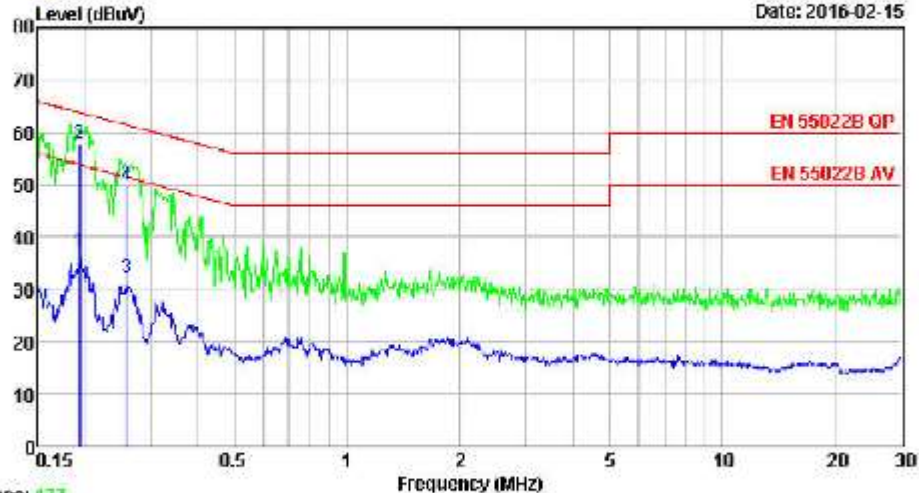
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Data: 178

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 177

Site no : 844 Shield Room Data no. : 178
Env. / Ins. : Temp:24.3 °C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75W3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.59	9.80	17.70	37.09	53.84	16.75	Average
2	0.19	9.59	9.00	30.61	50.00	60.04	5.04	QP
3	0.26	9.60	9.82	13.69	33.11	51.47	19.36	Average
4	0.26	9.60	9.82	30.38	50.00	61.47	11.47	QP

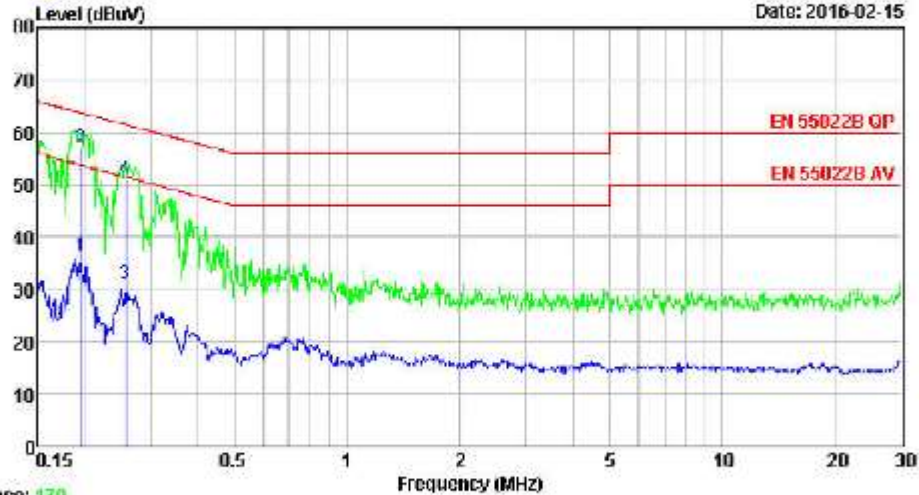
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Data: 180

File: \\Emc-ce\test data\2016\Wingxing.EM6 (240)

Date: 2016-02-15



Trace: 170

Site no : 844 Shield Room Data no. : 180
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75W3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.20	9.61	9.80	16.95	36.40	53.80	17.40	Average
2	0.20	9.61	9.00	37.53	57.00	60.00	3.00	QP
3	0.26	9.61	9.82	11.67	31.10	51.51	20.41	Average
4	0.26	9.61	9.82	31.57	51.00	61.51	10.51	QP

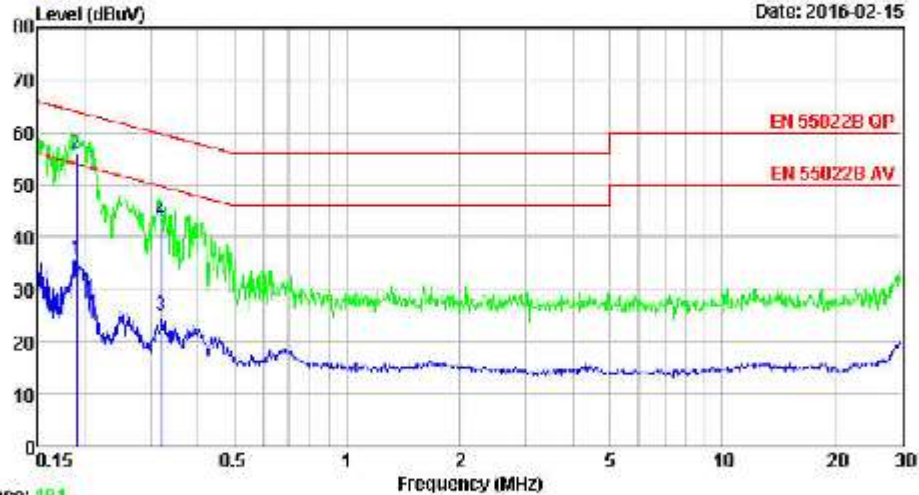
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Data: 182

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 181

Site no : 844 Shield Room Data no. : 182
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75W3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.61	9.80	16.32	35.73	54.02	18.29	Average
2	0.19	9.61	9.00	36.53	55.00	64.02	0.02	QP
3	0.32	9.61	9.83	5.77	25.21	49.71	24.50	Average
4	0.32	9.61	9.83	23.55	43.00	50.71	16.71	QP

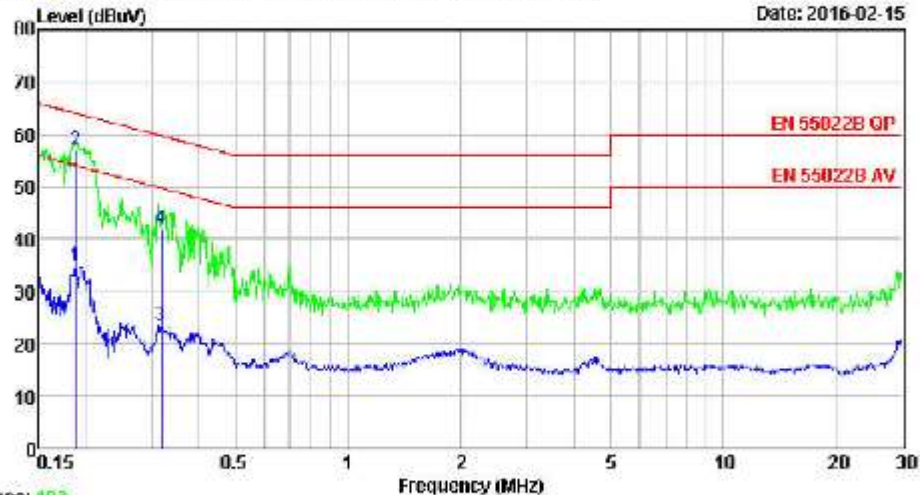
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Data: 184

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 183

Site no : 844 Shield Room Data no. : 184
Env. / Ins. : Temp:24.3 °C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75W3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.57	9.80	15.40	34.77	54.11	19.34	Average
2	0.19	9.57	9.00	37.63	57.00	64.11	7.11	QP
3	0.32	9.59	9.83	4.10	33.52	49.80	26.28	Average
4	0.32	9.59	9.83	22.38	42.00	50.80	17.80	QP

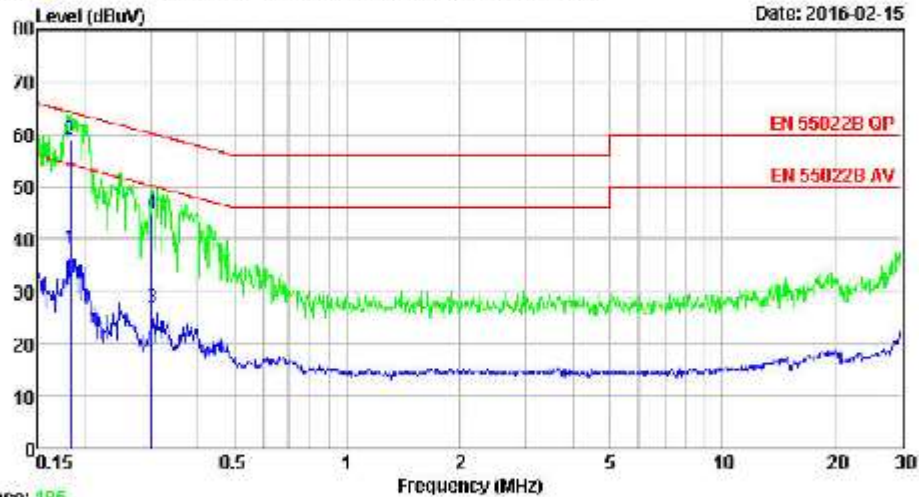
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Data: 186

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 185

Site no : 844 Shield Room Data no. : 186
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.18	9.56	9.80	18.60	37.96	54.33	16.37	Average
2	0.18	9.56	9.80	39.64	59.00	64.33	5.33	QP
3	0.30	9.60	9.83	7.35	26.79	50.19	23.40	Average
4	0.30	9.60	9.83	25.57	45.00	60.19	15.19	QP

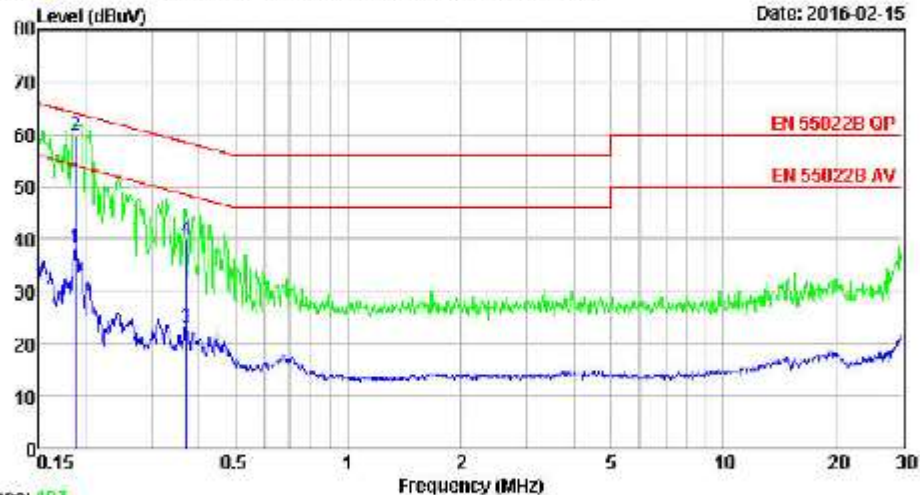
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Data: 188

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 187

Site no : 844 Shield Room Data no. : 188
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.19	9.61	9.80	19.04	38.45	54.11	15.66	Average
2	0.19	9.61	9.00	40.53	60.00	64.11	4.11	QP
3	0.37	9.61	9.82	3.65	23.11	48.47	25.36	Average
4	0.37	9.61	9.82	20.57	40.00	58.47	18.47	QP

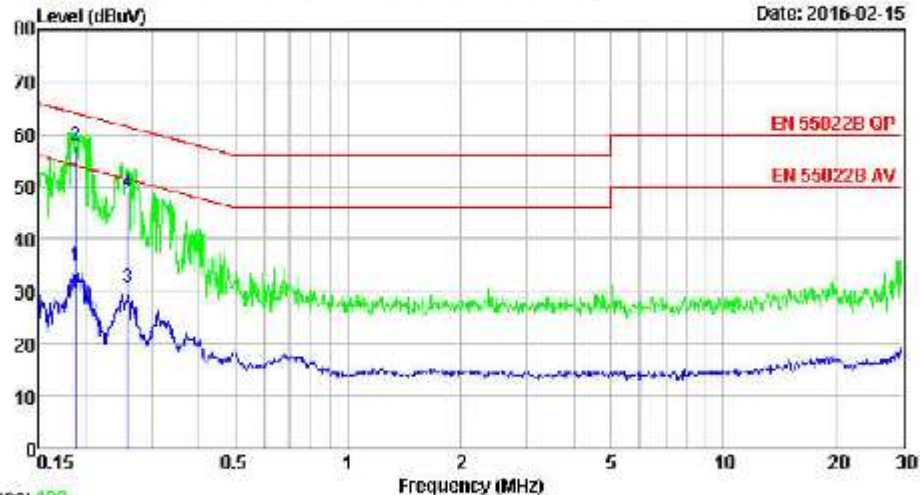
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Data: 190

File: \\Emc-ce\test data\2016\Wingxing.EM6 (240)

Date: 2016-02-15



Trace: 189

Site no : 844 Shield Room Data no. : 190
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.61	9.80	15.36	34.77	54.11	19.34	Average
2	0.19	9.61	9.00	30.53	50.00	64.11	6.11	QP
3	0.26	9.61	9.82	11.15	30.58	51.47	20.89	Average
4	0.26	9.61	9.82	29.57	49.00	61.47	12.47	QP

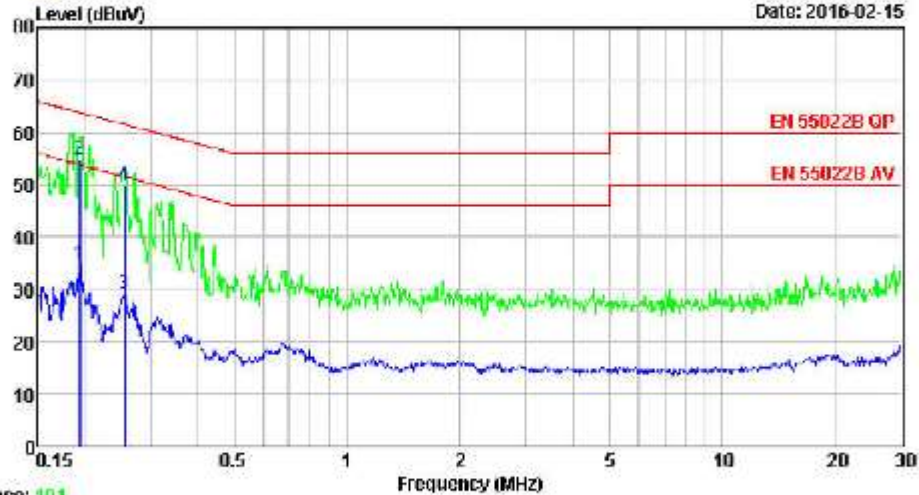
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Data: 192

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 101

Site no : 844 Shield Room Data no. : 192
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.59	9.80	15.37	34.76	53.84	19.08	Average
2	0.19	9.59	9.00	35.61	55.00	60.04	0.04	QP
3	0.25	9.60	9.82	9.75	29.18	51.60	22.42	Average
4	0.25	9.60	9.82	30.38	50.00	61.60	11.60	QP

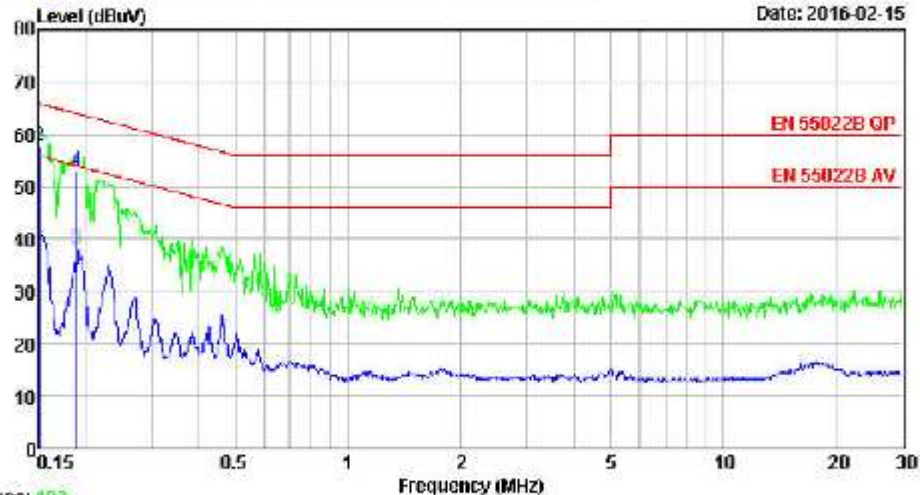
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Data: 194

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 193

Site no : 844 Shield Room Data no. : 194
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.15	9.46	9.81	21.85	41.12	55.96	14.84	Average
2	0.15	9.46	9.01	30.73	50.00	65.96	7.96	QP
3	0.19	9.58	9.80	18.83	38.21	54.06	15.85	Average
4	0.19	9.58	9.80	33.62	53.00	64.06	11.06	QP

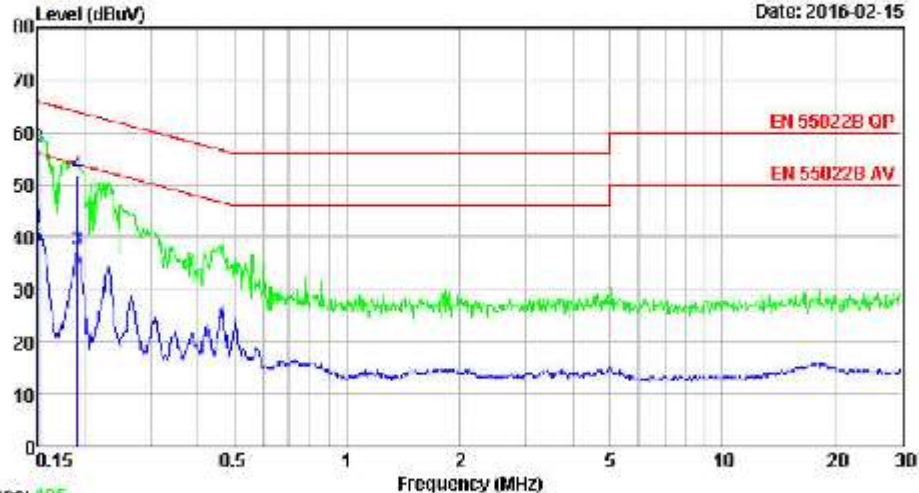
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Data: 196

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 195

Site no : 844 Shield Room Data no. : 196
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.81	22.21	41.63	55.91	14.28	Average
2	0.15	9.61	9.01	37.50	57.00	65.91	0.91	QP
3	0.19	9.61	9.80	18.02	37.43	53.98	16.55	Average
4	0.19	9.61	9.80	32.50	52.00	63.98	11.98	QP

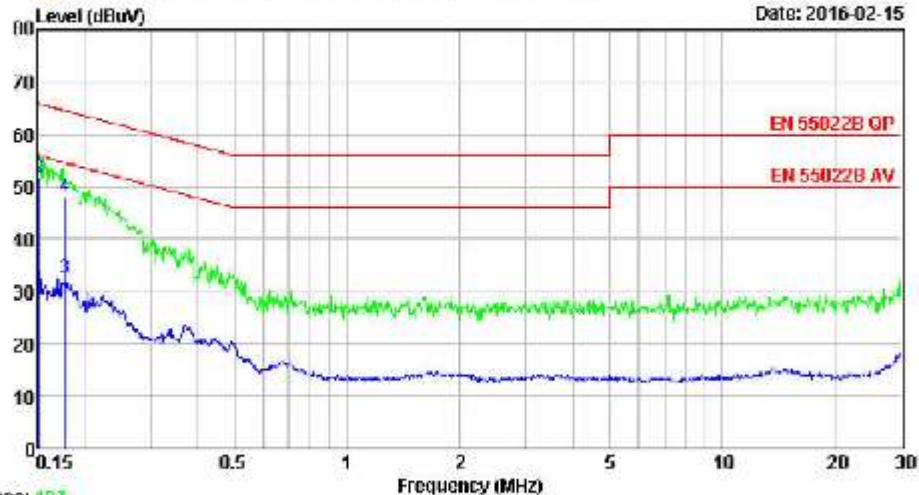
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Data: 198

File: \\Emc-ce\\test data\\2016\\W\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 197

Site no : 844 Shield Room Data no. : 198
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.15	9.61	9.81	12.41	31.83	56.00	24.17	Average
2	0.15	9.61	9.01	32.50	52.00	65.94	13.94	QP
3	0.18	9.61	9.80	13.18	32.59	54.59	22.00	Average
4	0.18	9.61	9.80	28.50	48.00	64.50	16.50	QP

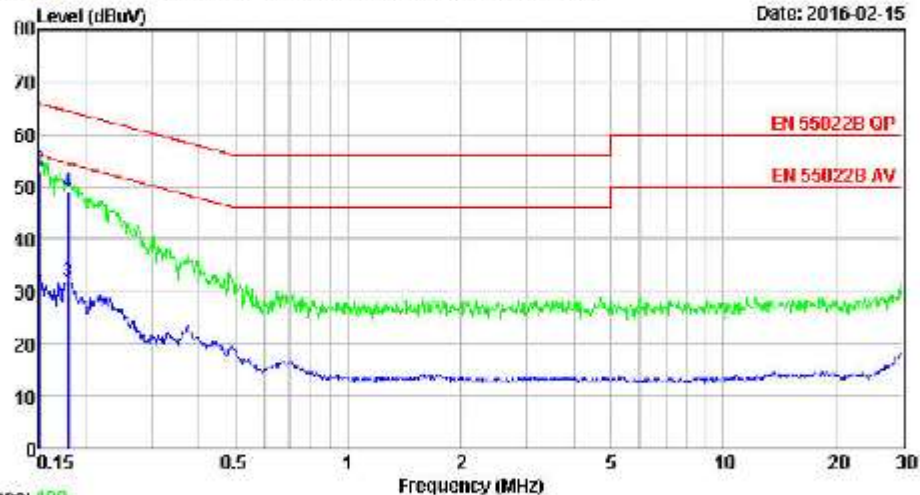
EST Technology

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Date: 200

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 100

Site no : 844 Shield Room Data no. : 200
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.46	9.81	15.08	34.35	56.00	21.65	Average
2	0.15	9.46	9.01	33.73	53.00	65.94	12.94	QP
3	0.18	9.55	9.80	13.63	31.98	54.50	22.52	Average
4	0.18	9.55	9.80	29.65	49.00	64.50	15.50	QP

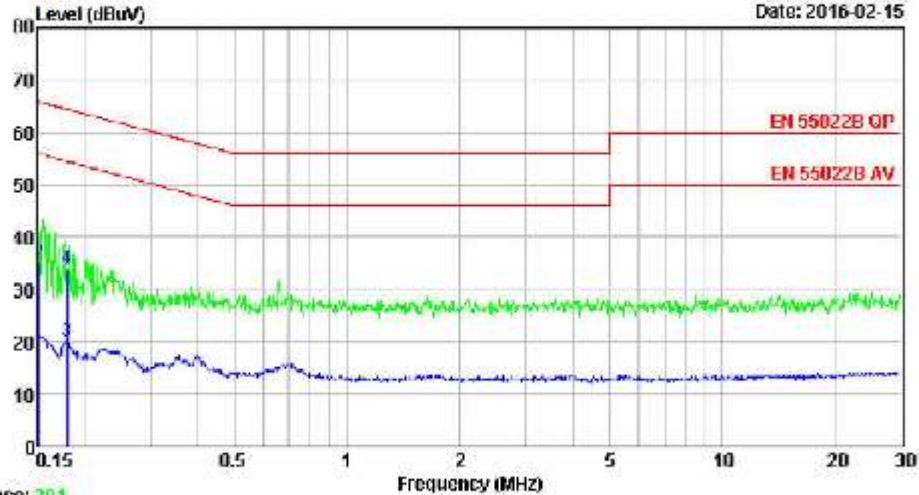
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Date: 2012

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 201

Site no : 844 Shield Room Data no. : 202
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : No Load

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.46	9.81	2.55	21.82	56.00	34.18	Average
2	0.15	9.46	9.01	15.73	35.00	65.94	30.94	QP
3	0.18	9.55	9.80	0.65	20.01	54.50	34.49	Average
4	0.18	9.55	9.80	14.65	34.00	64.50	30.50	QP

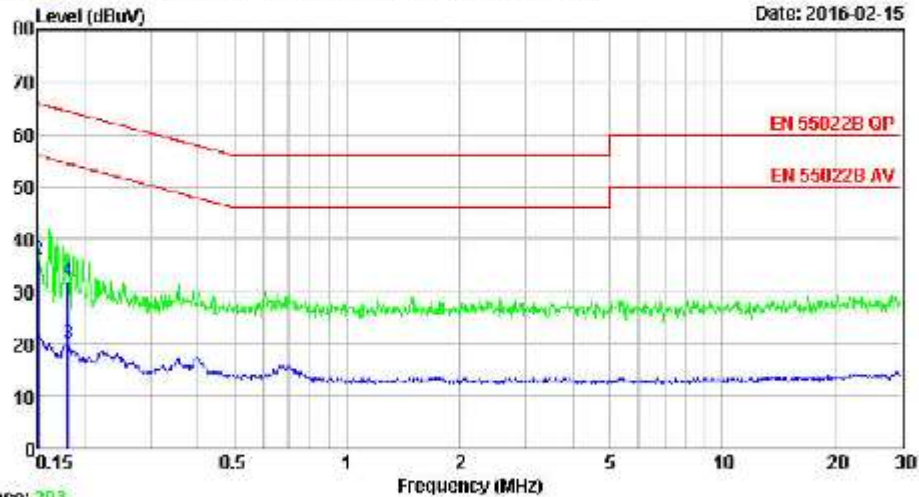
EST Technology

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Date: 2014

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 203

Site no : 844 Shield Room Data no. : 204
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA75E3e-050540
Test Mode : No Load

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.81	1.40	20.82	56.00	35.18	Average
2	0.15	9.61	9.01	16.50	36.00	65.94	29.94	QP
3	0.18	9.61	9.80	0.75	20.16	54.96	34.80	Average
4	0.18	9.61	9.80	12.50	32.00	64.96	32.96	QP

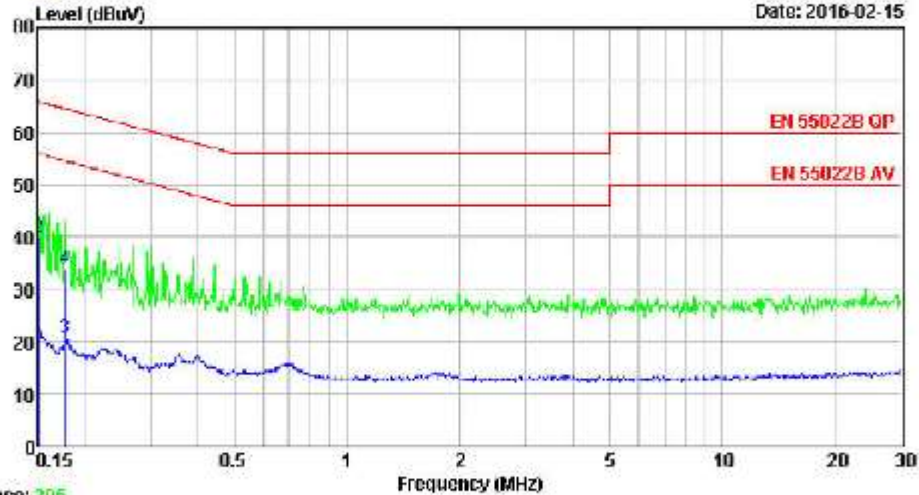
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Date: 2016

File: \\Emc-ce\\test data\\2016\\yingxing.EM6 (240)

Date: 2016-02-15



Trace: 205

Site no : 844 Shield Room Data no. : 206
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : No Load

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.81	2.25	21.67	56.00	34.33	Average
2	0.15	9.61	9.01	20.50	40.00	65.94	25.94	QP
3	0.18	9.61	9.80	1.25	20.69	54.59	33.90	Average
4	0.18	9.61	9.80	14.50	34.00	64.50	30.50	QP

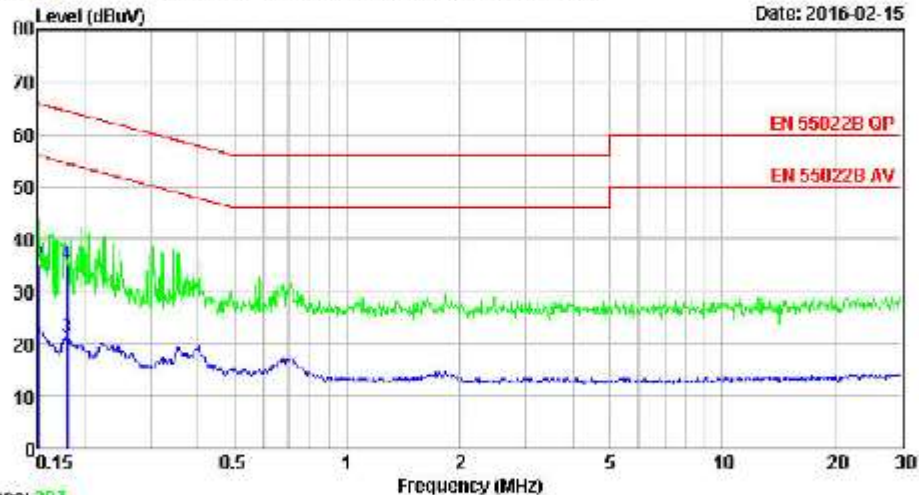
EST Technology

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Date: 2016

File: \\Emc-ce\\test data\\2016\\Yingxing.EM6 (240)

Date: 2016-02-15



Trace: 207

Site no : 844 Shield Room Data no. : 208
Env. / Ins. : Temp:24.3 C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55022B QP
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3e-050540
Test Mode : No Load

	Freq. (MHz)	LISM Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.46	9.81	3.83	23.10	56.00	32.90	Average
2	0.15	9.46	9.01	15.73	35.00	65.94	30.94	QP
3	0.18	9.55	9.80	1.93	21.28	54.50	33.22	Average
4	0.18	9.55	9.80	15.65	35.00	64.50	29.50	QP

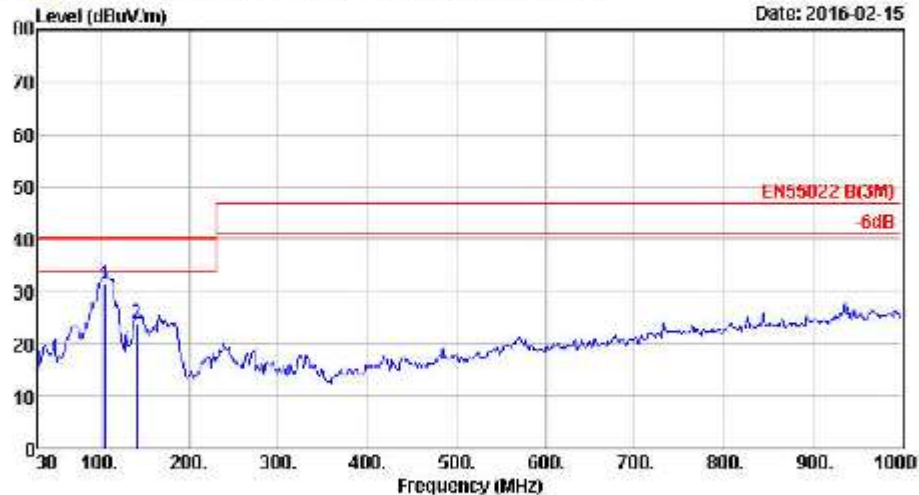
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Data: 49

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 49
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	105.68	10.05	1.41	19.90	31.36	40.00	8.64	QP
2	141.55	11.36	1.51	11.15	24.02	40.00	15.98	QP

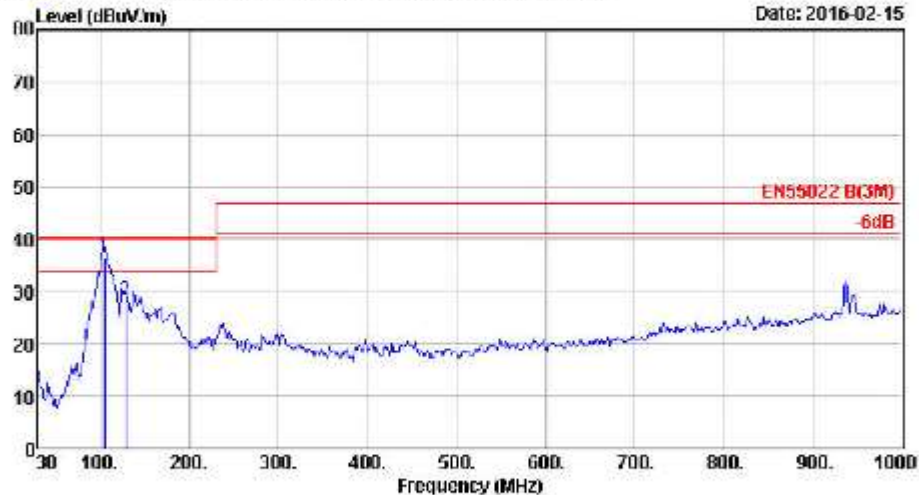
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Data: 50

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 50
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	104.69	9.95	1.44	25.10	36.49	40.00	3.51	QP
2	120.94	11.00	1.47	15.50	20.30	40.00	11.62	QP

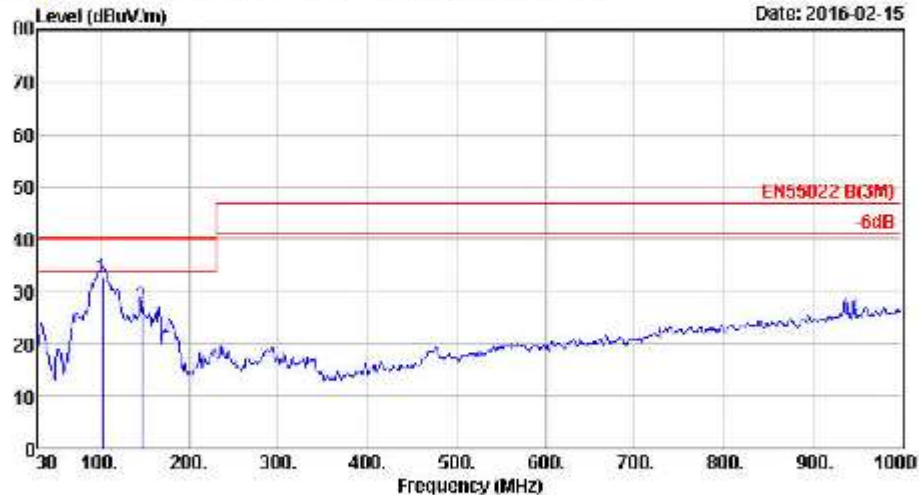
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Data: 51

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 51
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	102.75	9.75	1.35	21.63	32.73	40.00	7.27	QP
2	146.40	11.15	1.50	14.29	27.02	40.00	12.98	QP

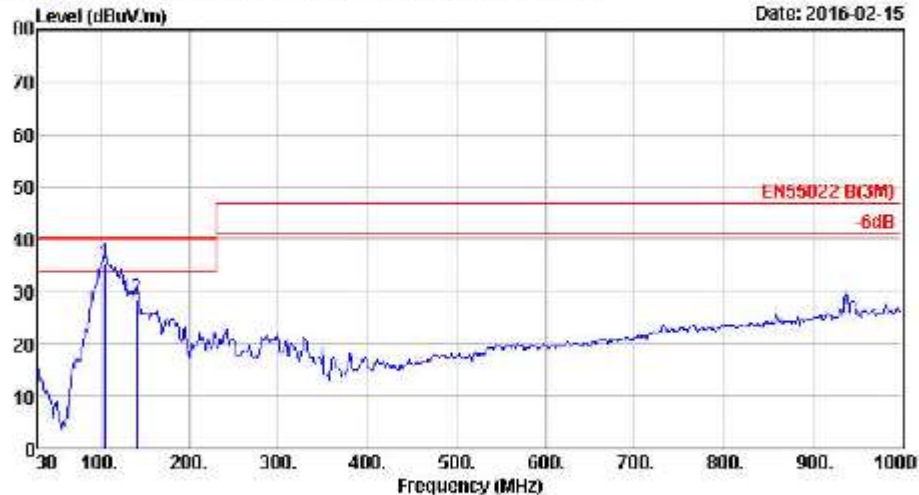
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Data: 52

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 52
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	105.68	10.05	1.41	23.82	35.28	40.00	4.72	QP
2	141.55	11.36	1.51	15.91	28.78	40.00	11.22	QP

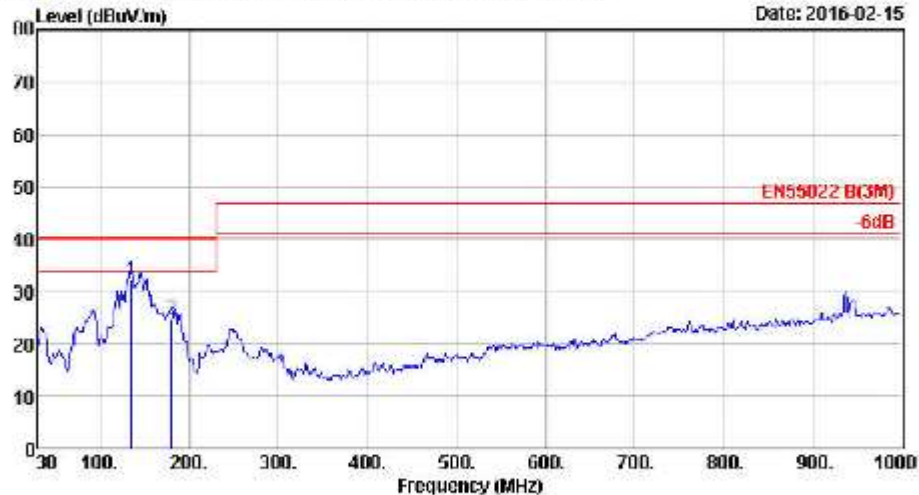
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Data: 53

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 53
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75m4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	134.76	11.37	1.57	19.13	32.07	40.00	7.93	QP
2	100.35	0.95	1.70	14.20	24.93	40.00	15.07	QP

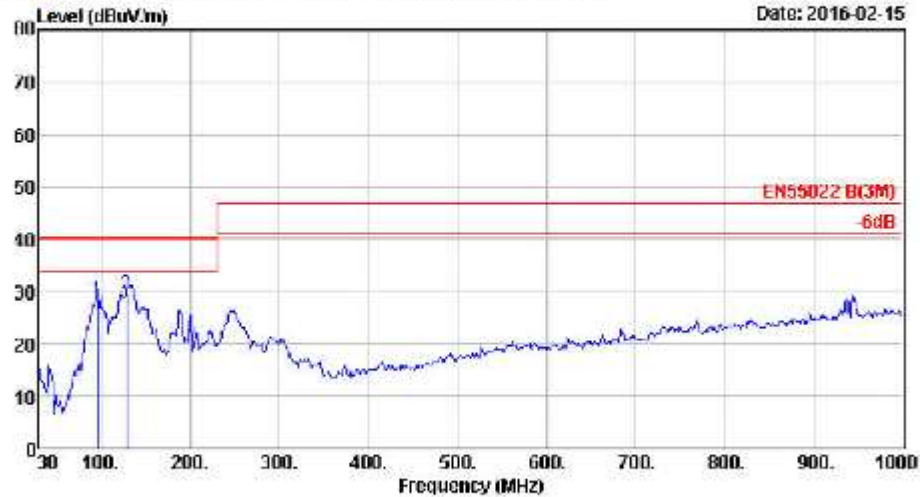
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Data: 54

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 54
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75m4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	95.96	8.92	1.31	18.15	28.38	40.00	11.62	QP
2	120.94	11.00	1.47	16.60	29.40	40.00	10.60	QP

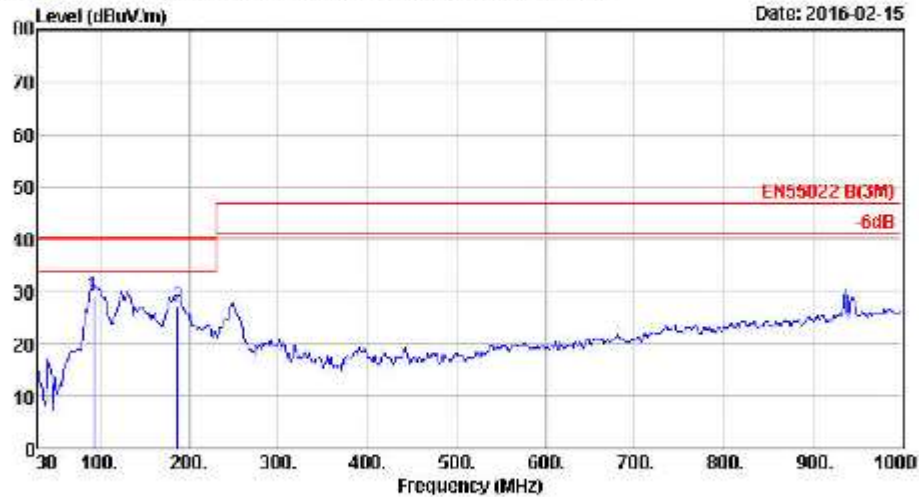
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Data: 55

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Date: 2016-02-15

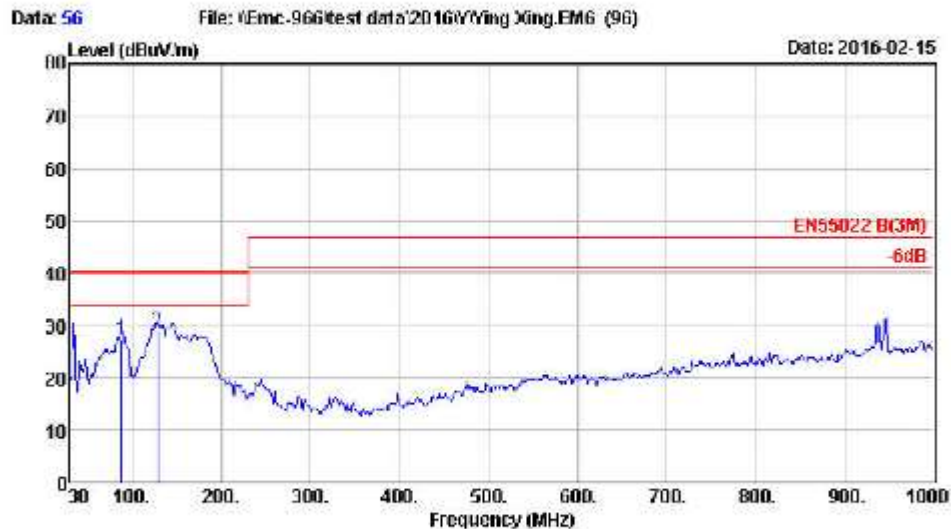


Site no. : 966 1# chamber Data no. : 55
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/F : ASA75m4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	93.05	8.59	1.27	19.30	29.16	40.00	10.84	QP
2	107.14	0.26	1.04	17.14	27.24	40.00	12.76	QP

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Site no. : 966 1# chamber Data no. : 56
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75m4-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	88.20	8.11	1.31	17.90	27.32	40.00	12.68	QP
2	120.94	11.00	1.47	16.26	29.06	40.00	10.94	QP

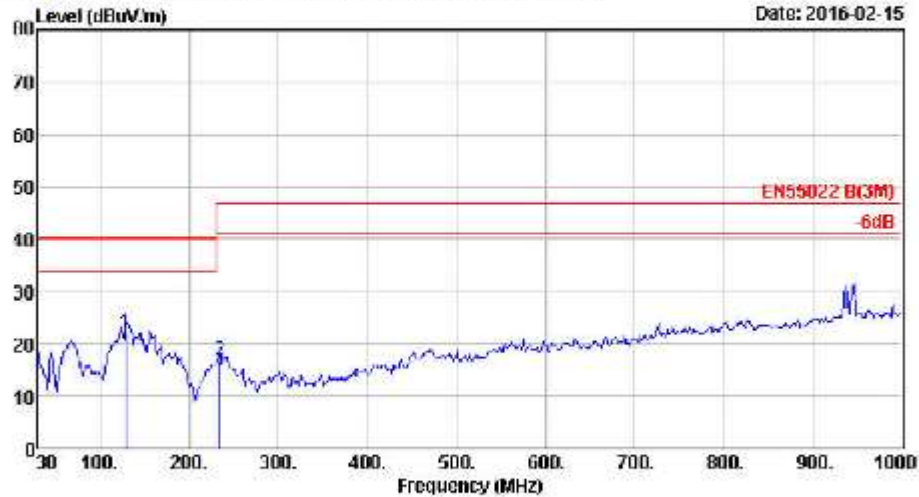
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Data: 57

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 57
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.94	11.33	1.47	9.34	22.14	40.00	17.86	QP
2	233.70	9.64	2.09	5.00	16.73	47.00	30.27	QP

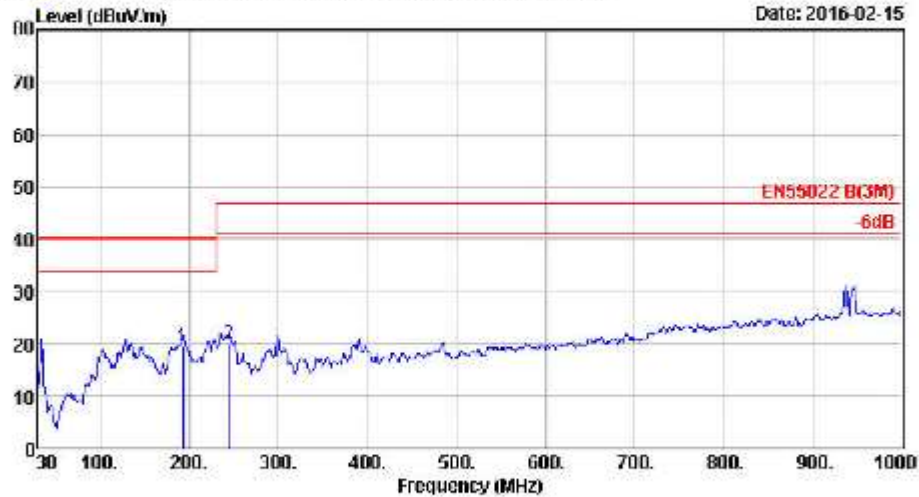
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Data: 58

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 58
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	192.96	7.85	1.77	9.79	19.41	40.00	20.59	QP
2	245.34	11.06	2.10	6.07	20.03	47.00	26.97	QP

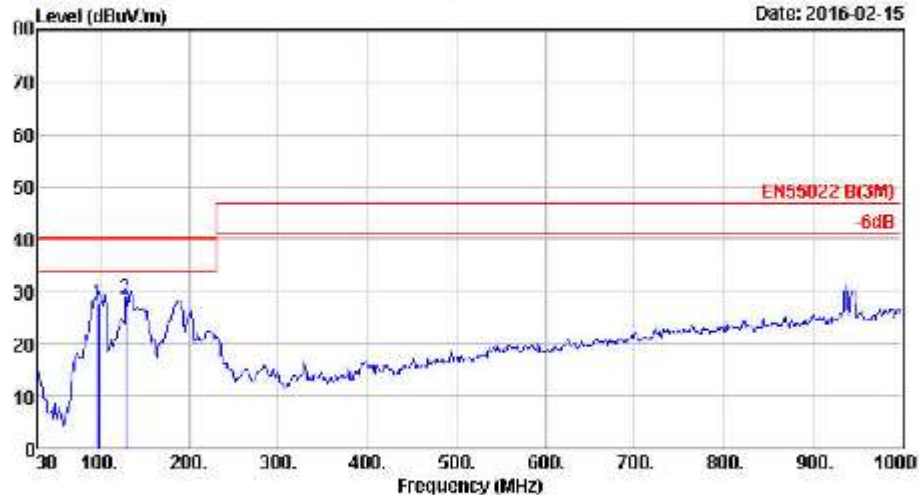
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Data: 59

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 59
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	97.90	9.13	1.33	17.38	27.84	40.00	12.16	QP
2	120.94	11.00	1.47	15.76	28.26	40.00	11.74	QP

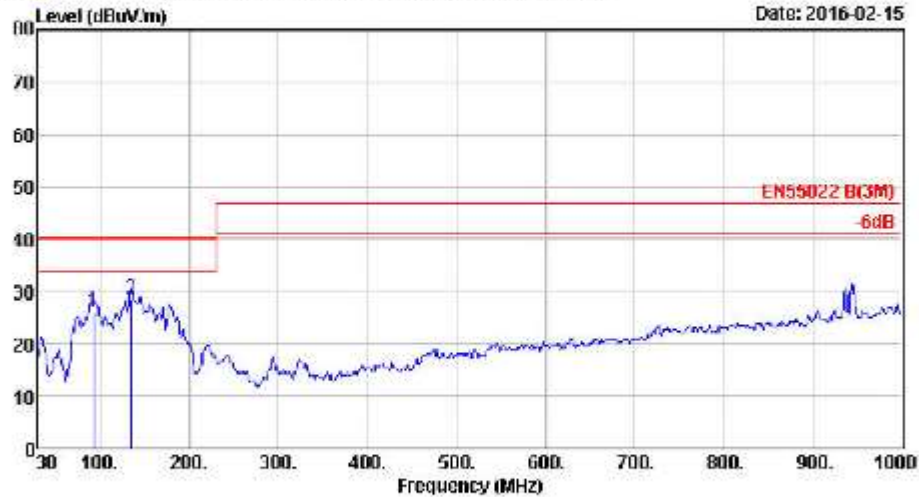
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Data: 60

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 60
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e3-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	93.05	8.59	1.27	15.43	26.29	40.00	13.71	QP
2	134.76	11.07	1.57	15.04	26.78	40.00	13.22	QP

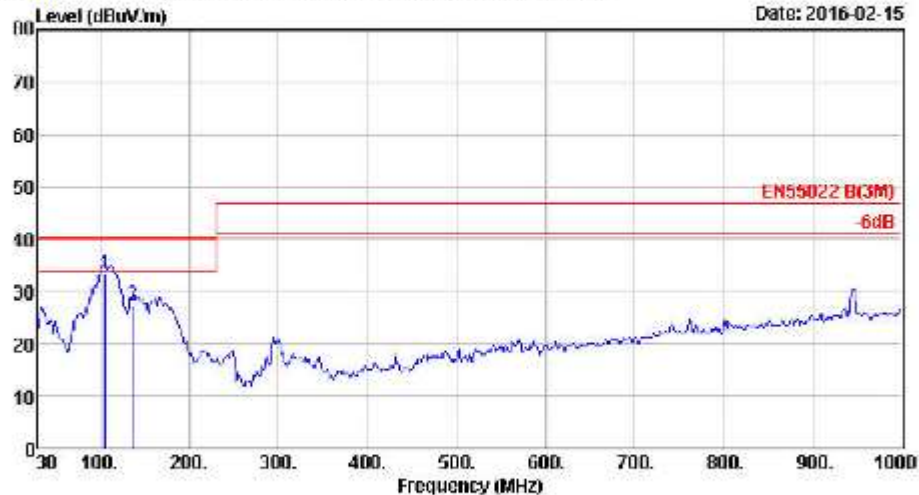
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Data: 61

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 61
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/F : ASA75e3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	105.66	10.05	1.41	22.02	33.48	40.00	6.52	QP
2	136.70	11.39	1.57	14.53	27.49	40.00	12.51	QP

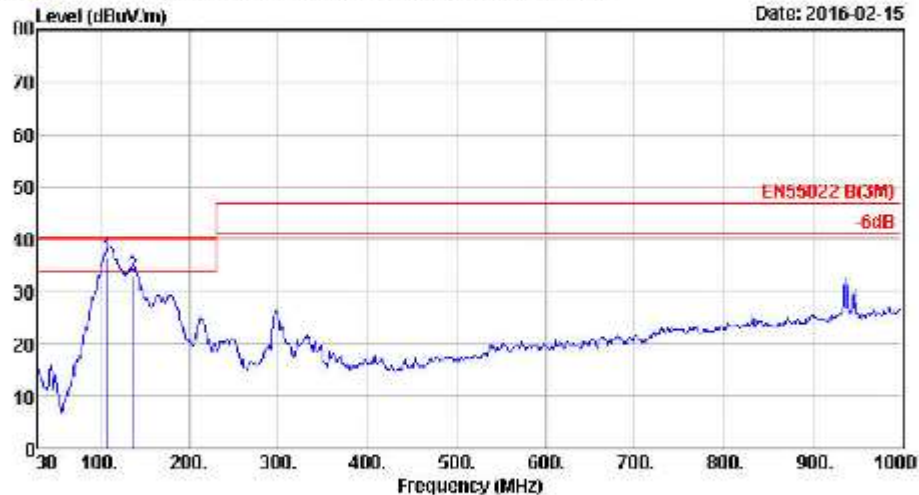
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Data: 62

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 62
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	109.54	10.44	1.40	24.90	36.74	40.00	3.26	QP
2	136.70	11.39	1.57	20.11	33.07	40.00	6.93	QP

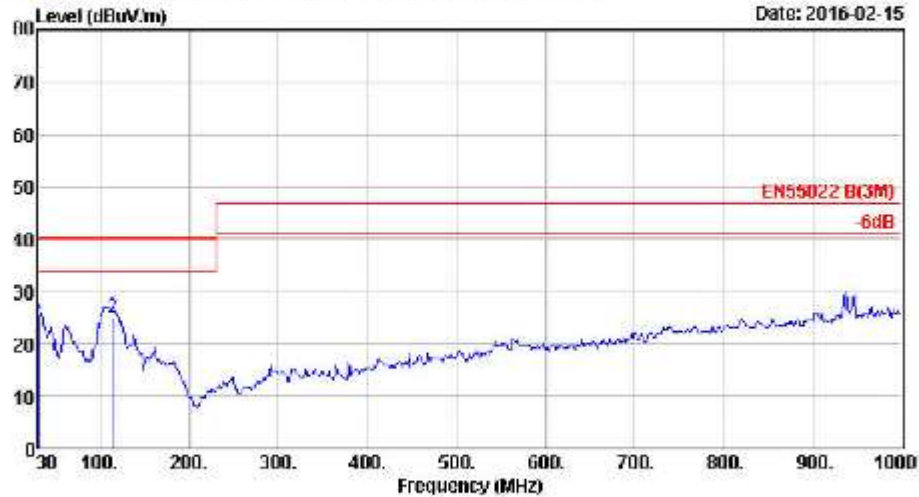
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Data: 63

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : Site Data no. : 63
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/F : ASA75e3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.00	18.51	0.65	6.40	25.56	40.00	14.44	QP
2	115.00	10.90	1.46	12.01	25.20	40.00	14.80	QP

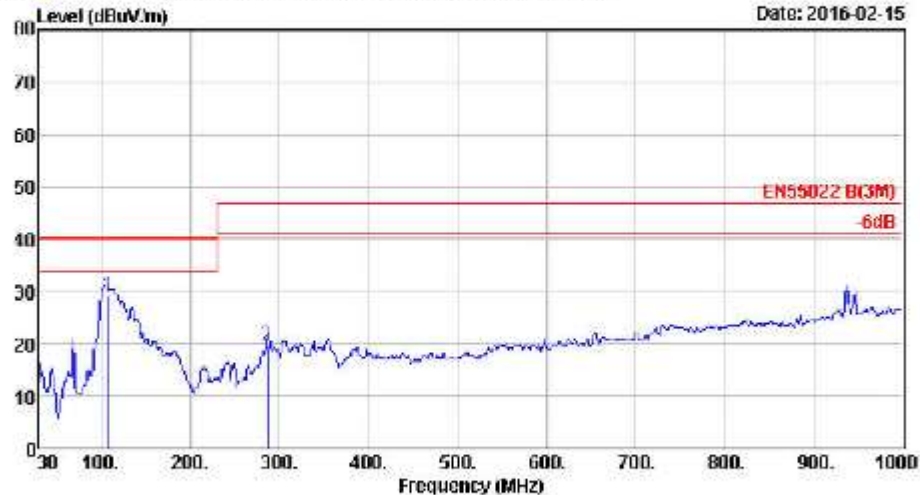
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Data: 64

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 64
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	107.60	10.24	1.39	17.69	29.32	40.00	10.68	QP
2	207.05	12.59	2.32	4.79	19.70	47.00	27.30	QP

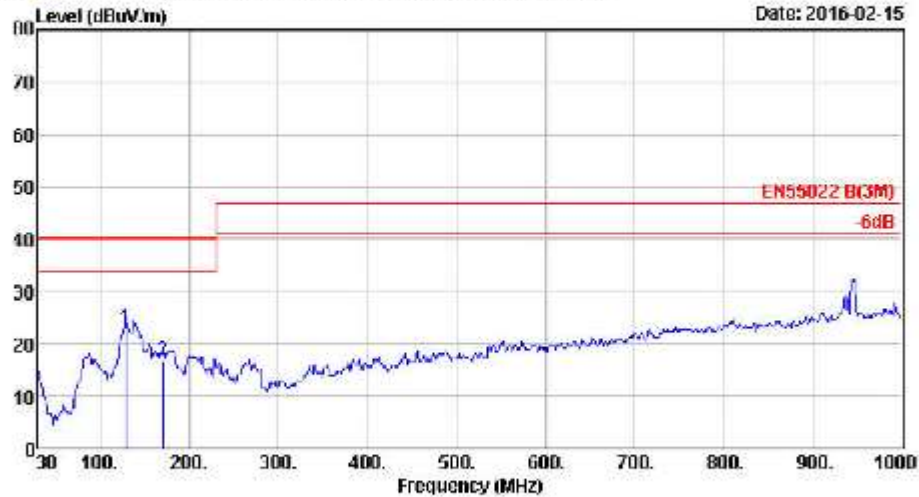
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Data: 65

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 65
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA7503-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	128.94	11.33	1.47	10.33	23.13	40.00	16.87	QP
2	170.65	9.16	1.69	6.05	16.90	40.00	23.10	QP

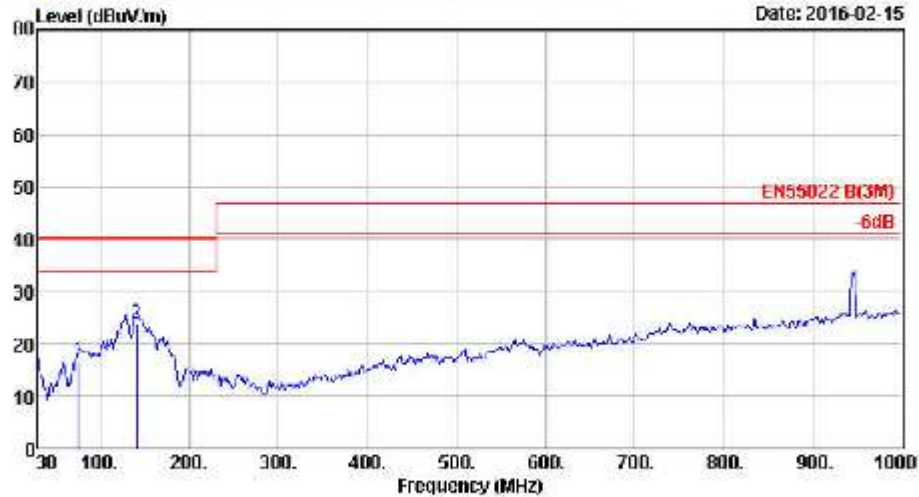
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Data: 66

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 66
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA7503-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.56	6.66	1.19	9.07	16.92	40.00	23.08	QP
2	141.55	11.36	1.51	10.91	23.78	40.00	16.22	QP

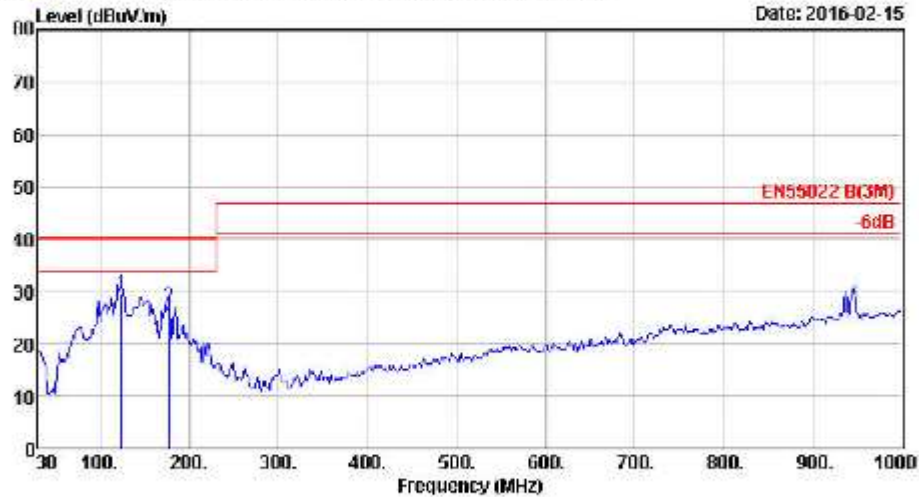
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Data: 67

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Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 67
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASSA7503-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.06	11.35	1.52	16.66	29.53	40.00	10.47	QP
2	177.44	0.97	1.67	16.55	27.19	40.00	12.81	QP

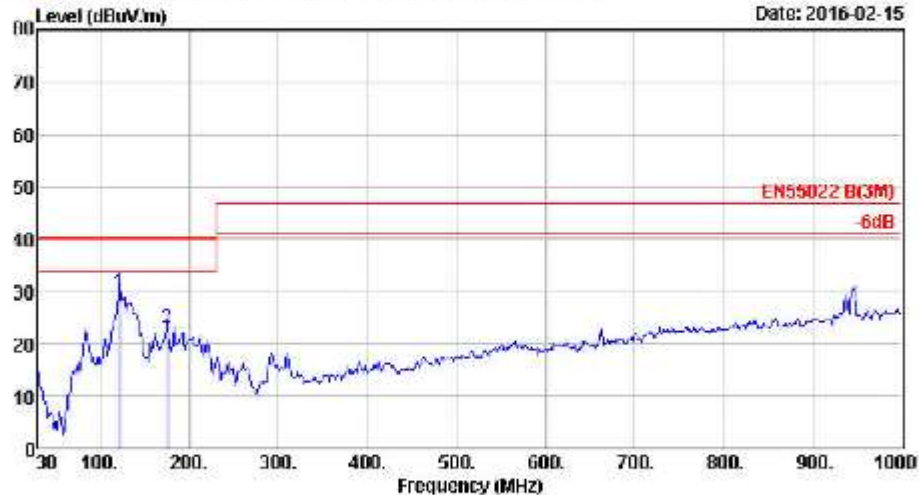
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Data: 68

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 68
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA7503-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	132.15	11.24	1.45	17.04	29.73	40.00	10.27	QP
2	175.50	0.90	1.60	12.30	22.96	40.00	17.04	QP

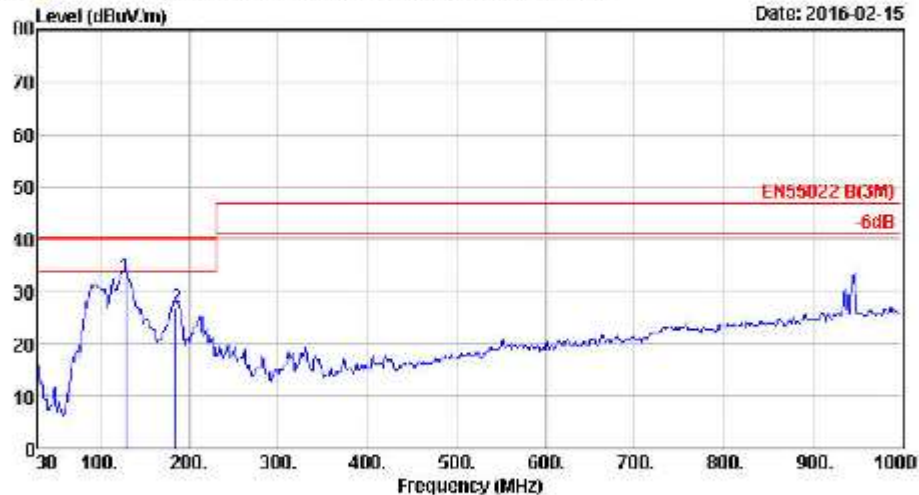
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Data: 69

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 69
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/50Hz
M/U : ASSA75E3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.94	11.33	1.47	20.04	32.84	40.00	7.16	QP
2	105.20	0.40	1.75	16.60	26.91	40.00	13.09	QP

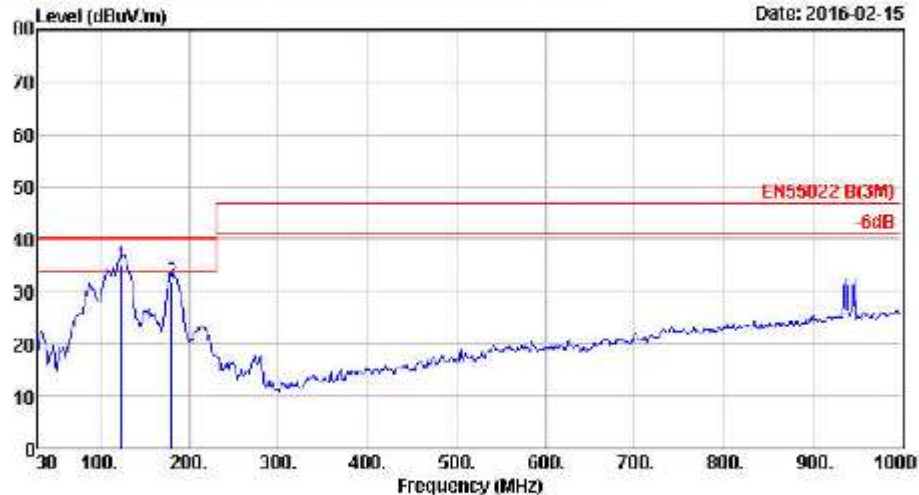
EST Technology

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Data: 70

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 70
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/H : ASSA75E3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.06	11.35	1.52	22.24	35.11	40.00	4.89	QP
2	100.35	0.95	1.70	21.10	31.75	40.00	8.25	QP

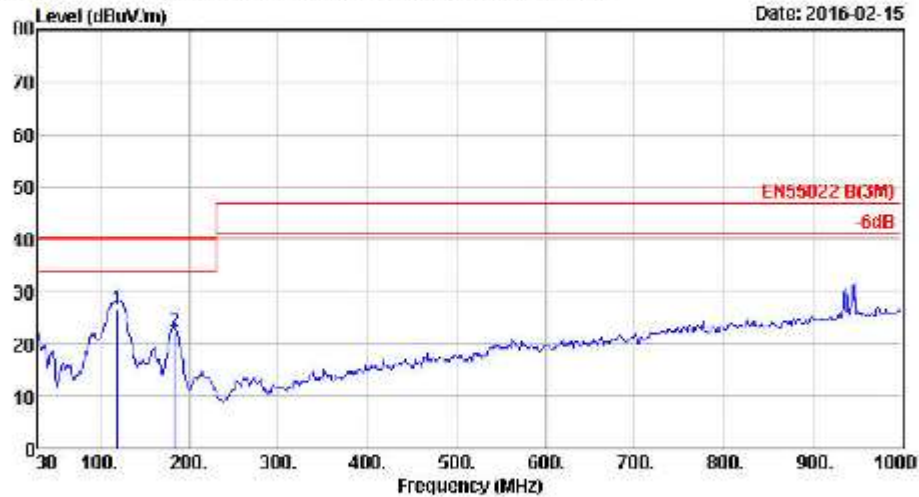
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Data: 71

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 71
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.34	11.11	1.42	14.14	26.67	40.00	13.33	QP
2	100.26	0.67	1.69	12.09	22.45	40.00	17.55	QP

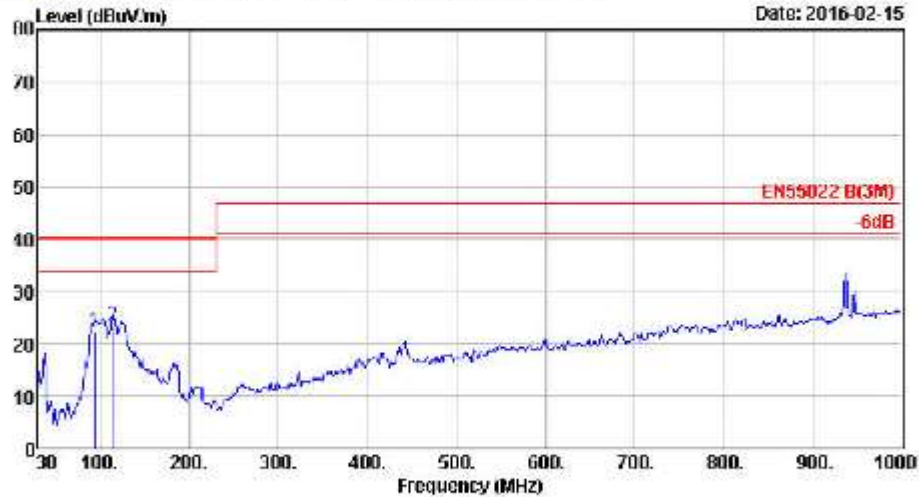
EST Technology

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Data: 72

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 72
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASSA75E3c-050540
Test Mode : Full Load (Output: 5V/5.4A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	94.02	8.74	1.28	12.34	22.36	40.00	17.64	QP
2	115.36	10.93	1.46	11.35	23.74	40.00	16.26	QP

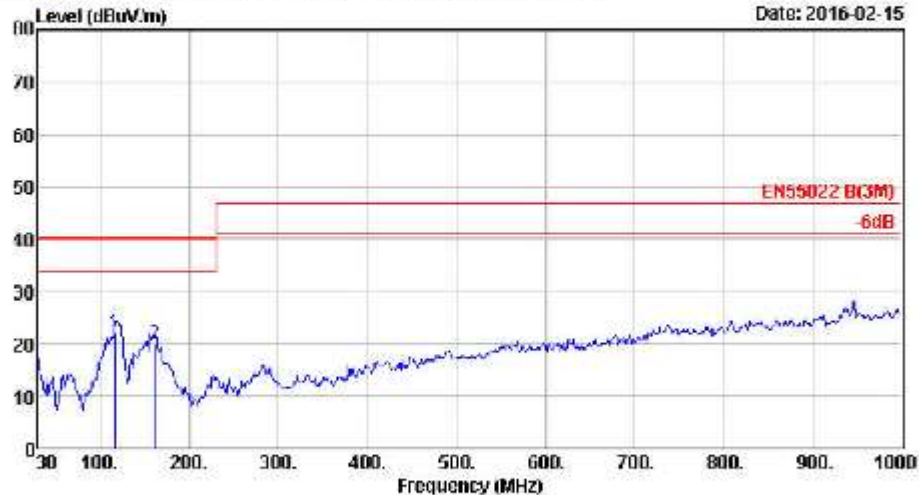
EST Technology

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Data: 73

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 73
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e2-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	117.30	11.02	1.47	9.74	22.23	40.00	17.77	QP
2	160.95	10.24	1.70	7.99	19.93	40.00	20.07	QP

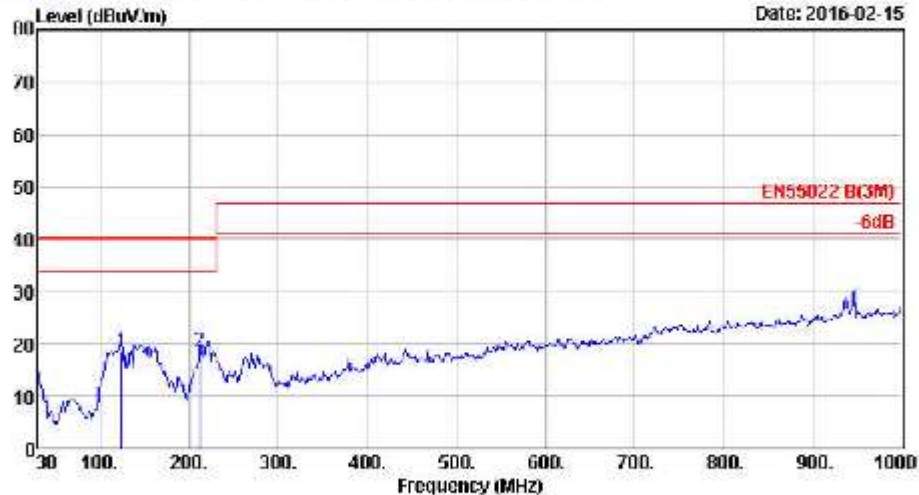
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Data: 74

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 74
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e2-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.06	11.35	1.52	5.74	18.61	40.00	21.39	QP
2	212.36	0.56	1.91	8.22	10.69	40.00	21.31	QP

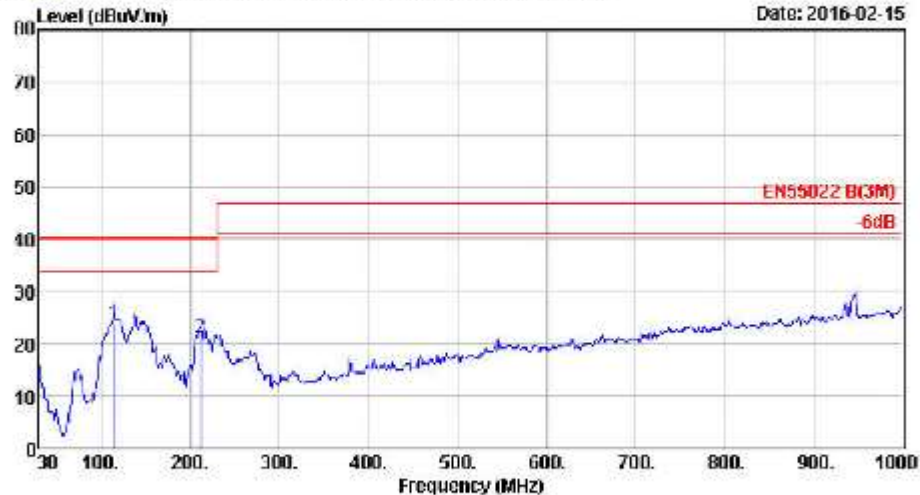
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Data: 75

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 75
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	115.36	10.93	1.46	11.60	23.99	40.00	16.01	QP
2	212.36	0.56	1.91	10.01	21.28	40.00	18.72	QP

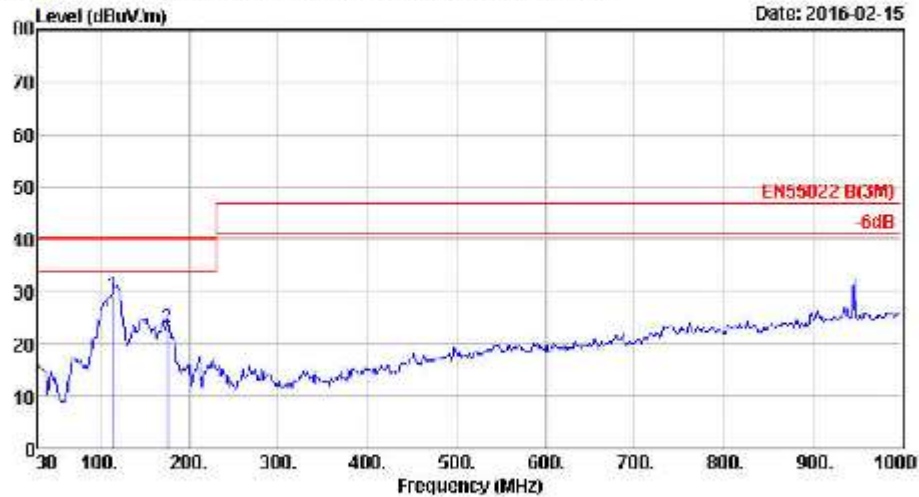
EST Technology

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Data: 76

File: \\Emc-966\\test data\\2016\\Ying Xing EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 76
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : Half Load (Output: 5V/2.7A)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	115.36	10.93	1.46	16.67	29.26	40.00	10.74	QP
2	175.50	0.90	1.60	12.43	23.09	40.00	16.91	QP

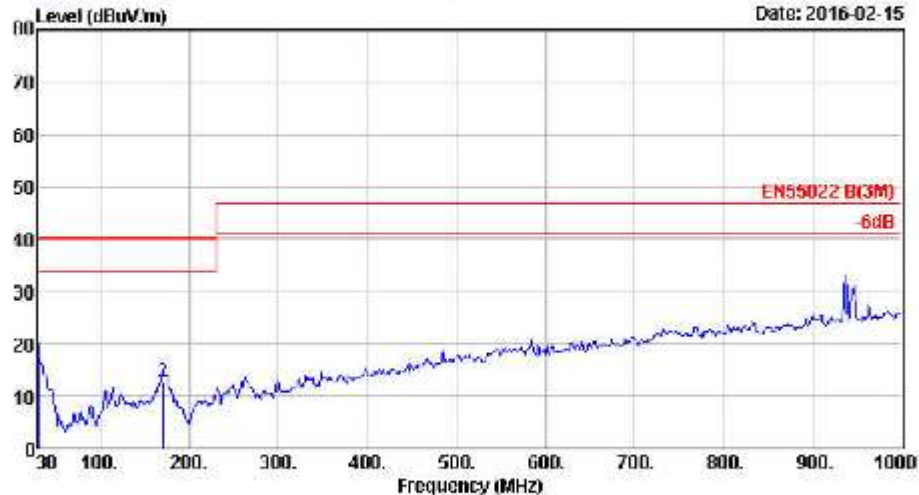
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Data: 77

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 77
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : No Load

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.00	18.51	0.65	0.05	19.21	40.00	20.79	QP
2	170.65	9.16	1.69	1.71	12.56	40.00	27.44	QP

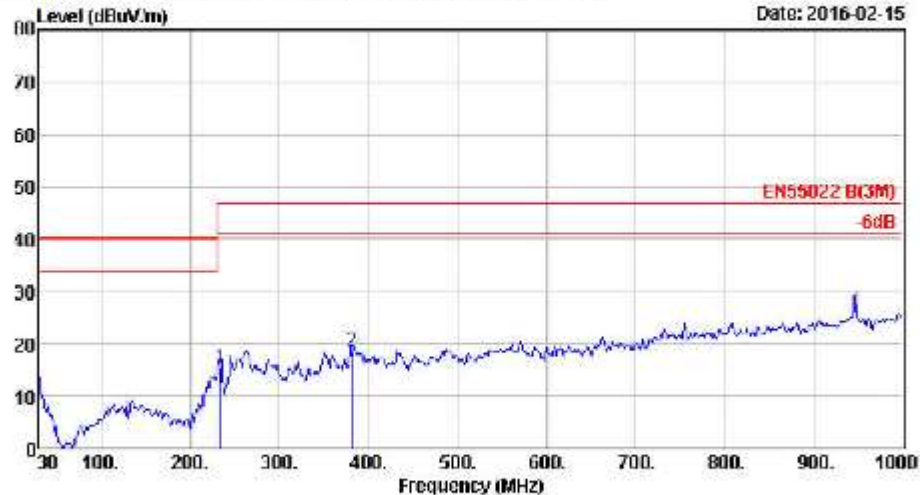
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Data: 78

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 78
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 100V/60Hz
M/U : ASA75e2-050540
Test Mode : No Load

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	233.70	9.64	2.09	3.65	15.39	47.00	31.61	QP
2	302.11	15.10	2.65	0.66	10.49	47.00	20.51	QP

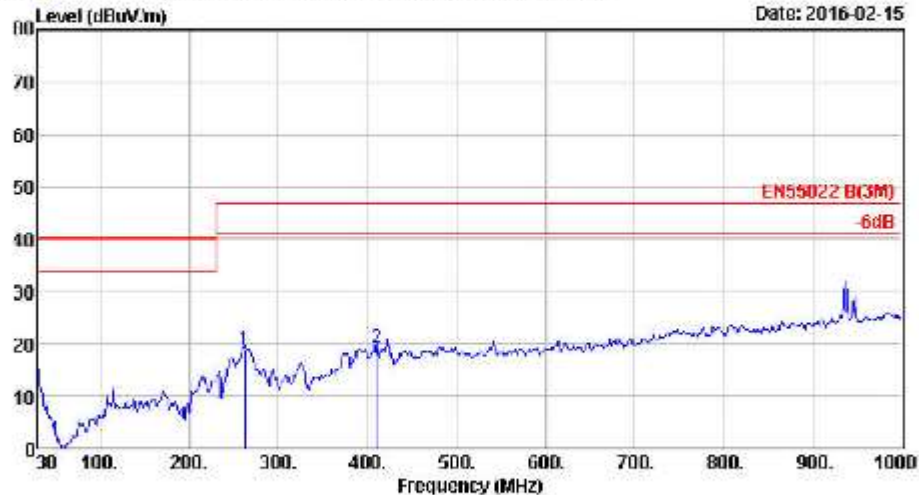
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Data: 79

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 79
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e2-050540
Test Mode : No Load

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	262.80	12.95	2.22	3.59	18.76	47.00	28.24	QP
2	410.24	16.29	2.71	0.32	19.32	47.00	27.68	QP

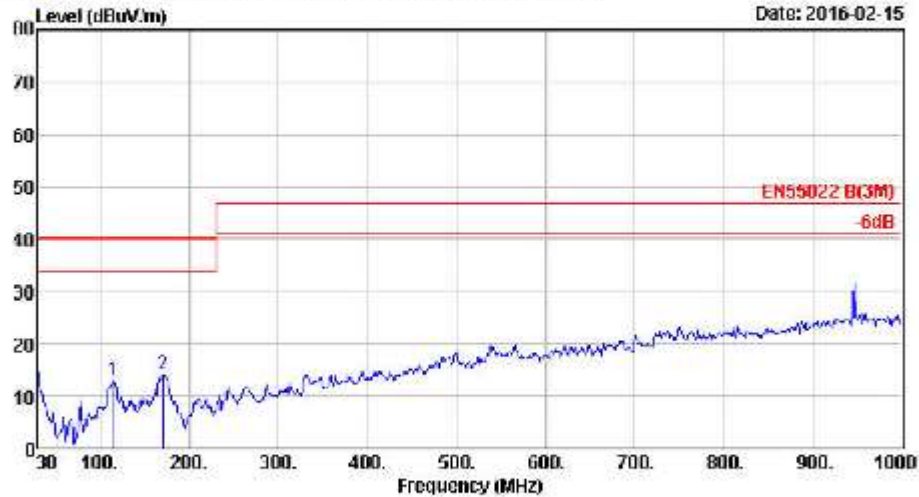
EST Technology

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Data: 80

File: \\Emc-966\\test data\\2016\\Ying Xing\\EM6 (96)

Date: 2016-02-15



Site no. : 966 1# chamber Data no. : 80
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : EN55022 B(3M)
Env. / Ins. : Temp: 23.6°; Humi: 56%; Press: 101.52kPa
Engineer : Leo
EUT : Switching Adapter
Power : AC 240V/50Hz
M/U : ASA75e2-050540
Test Mode : No Load

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	115.36	10.93	1.46	0.57	12.96	40.00	27.04	QP
2	170.65	9.16	1.69	3.21	14.06	40.00	25.94	QP

 EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-83081888 Fax: 0769-83081878	Form EST-421-05 ESD Test Data	☐ IEC 61000-4-2:2008 ☒ EN 61000-4-2:2009 ☐ GB/T 17626.2-2006 ☐ Other: _____ ☒ PASS / ☐ FAIL
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Applicant : <u>Aquil Star</u>
EUT : <u>Switching Adapter M/N : ASSA75e2-050540;ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3c-050540; ASSA75W3-050540; ASSA75E3c-050540</u>
Power Supply : <u>AC 230V/50Hz</u>
Performance Criteria : <u>B</u>
Ambient Condition : <u>24.5</u> °C <u>49</u> %RH <u>101.25</u> kPa
Test Method : ☒ Test with the discharge cable ☐ Test without the discharge cable
Operation Mode : Full Load

Location		2kV		4kV		6kV		8kV		Discharge A-Air C-Contact
		+	-	+	-	+	-	+	-	
HCP	4Points	A	A	A	A					C
VCP	4Points	A	A	A	A					C
USB Port	2Points	A	A	A	A					C
Slot	2Points	A	A	A	A			A	A	A

Test Equipment :
1. ESD Tester: ONYX16 (HAEFELY)
Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).
Note : Class A

Approved By :

Tested By :

Date : 2016.02.24

	EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-83081888 Fax: 0769-83081878	Form EST-421-06 R/S Test Data	☒ IEC 61000-4-3:2010 ☐ EN 61000-4-3:2006+A1:2008 A2:2010 ☐ GB/T 17626.3-2006 ☐ Other: _____ ☒ PASS / ☐ FAIL
Applicant : <u>Aquil Star</u>			
EUT : <u>Switching Adapter M/N : ASSA75e2-050540; ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3e-050540; ASSA75W3-050540; ASSA75E3e-050540</u>			
Power Supply: <u>AC 230V/50Hz</u>			
Field Strength : <u>3</u> V/m Performance Criterion : <u>A</u>			
Frequency Range : <u>80</u> MHz to <u>1000</u> MHz			
Modulation : ☐ None ☐ Pulse ☒ AM <u>80</u> % <u>1</u> KHz			
Keyed Carrier : Duty cycle _____ Repetition Frequency _____			
Ambient Condition : <u>22.4</u> °C <u>45</u> %RH <u>101.46</u> kPa			
Operation Mode : Full Load			
	Frequency Range 1: <u>80-1000</u> MHz		Frequency Range 2: _____ MHz
	Horizontal	Vertical	Horizontal Vertical
Front	PASS	PASS	
Right	PASS	PASS	
Rear	PASS	PASS	
Left	PASS	PASS	
Test Equipments: 1. Signal generator: 2. Power Amplifier: 3. Antenna: 4. Field Monitor:			
Note : Criterion A: There was no change compared with initial operation during the test. Note : This test was witnessed in Guangdong Dongguan Quality Supervision Testing Center			

Approved By :



Tested By :



Date :

2016.02.24

Edition: A

 EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-83081888 Fax: 0769-83081878	Form EST-421-06 Electrical Fast Transient/Burst Test Data	☒ IEC 61000-4-4:2010 ☐ EN61000-4-4:2004+A1:2010 ☐ GB/T 17626.4-2008 ☐ Other: _____ ☒ PASS / ☐ FAIL

Applicant : <u>Aquil Star</u>										
EUT : <u>Switching Adapter</u> M/N : <u>ASSA75e2-050540; ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3e-050540; ASSA75W3-050540; ASSA75E3e-050540</u>										
Power Supply : <u>AC 230V/50Hz</u>										
Ambient Condition : <u>24.5</u> °C <u>49</u> %RH <u>101.25</u> kPa										
Operation Mode : Full Load										
Repetition Frequency : ☐ 100 kHz ☒ 5 kHz								Performance Criteria : <u>B</u>		
Line : ☒ AC Mains ☐ DC Mains								☐ Signal :		
Coupling : ☒ Direct								☒ Capacitive Clamp		
Test Duration : <u>120</u> s										
Location	500V		1kV		2kV		4kV		___kV	
	+	-	+	-	+	-	+	-	+	-
L										
N										
PE										
L-N	A	A	A	A						
L-PE										
N-PE										
L-N-PE										
DC output Line										
EFT Burst Generator: (1) Wave shape of the pulse: rise time 5 ns, duration 50 ns. (2) Output type: coaxial 50 Ω. (3) Burst duration: 0.75 ms at repetition frequency 100 kHz, 15 ms at repetition frequency 5 kHz. (4) Burst period: 300 ms.										
Test Equipment : (1) EFT Burst Generator : ECOMPACT 4 (HAEFELY)										
Note : Class A										

Approved By :  Tested By :  Date : 2016.02.24

 EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-83081888 Fax: 0769-83081878	Form EST-421-07	☒ IEC 61000-4-5:2005 ☐ EN 61000-4-5:2006 ☐ GB/T 17626.5-2008 ☐ Other: _____
	Surge Test Data	☒ PASS / ☐ FAIL

Applicant : <u>Aquil Star</u>											
EUT : <u>Switching Adapter M/N : ASSA75e2-050540; ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3e-050540; ASSA75W3-050540; ASSA75E3e-050540</u>											
Power Supply : <u>AC 230V/50Hz</u>											
Repetition : <u>5</u> times pre test Interval : <u>60</u> seconds Performance Criteria : <u>B</u>											
Ambient Condition : <u>24.5</u> °C <u>49</u> %RH <u>101.25</u> kPa											
Operation Mode : Full Load											
Line : ☒ AC Mains ☐ DC Mains ☐ Signal : _____											
Location	Voltage	500V		1kV		4kV		6kV		___kV	
	Phase	+	-	+	-	+	-	+	-	+	-
L-N	0°	A	A	A	A						
	90°	A	A	A	A						
	180°	A	A	A	A						
	270°	A	A	A	A						
L-PE	0°										
	90°										
	180°										
	270°										
N-PE	0°										
	90°										
	180°										
	270°										
DC Supply											
Signal											
Combination Wave Generator: (1) 1.2/50 us (Open-circuit voltage waveform), 8/20 us (Short-circuit current waveform) (2) 2 Ω (Generator effective output impedance for line-to-line coupling), 12 Ω (Generator effective output impedance for line-to-earth coupling) (3) 18 uF (Line-to-line coupling capacitors), 9 uF (Line-to-earth coupling capacitors), 1.5 mH (Decoupling inductance)											
Test Equipments: ☒ PSURGE 8000 (HAEFELY) ☐ ECOMPACT 4 (HAEFELY)											
Note : Class A											

Approved By :



Tested By :



Date : 2016.02.24

	EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-85935656 Fax: 0769-85991080	Form EST-421-08 Injected Currents Susceptibility Test Data	☒ IEC 61000-4-6:2008 ☐ EN 61000-4-6:2009 ☐ GB/T 17626.6-2006 ☐ Other: _____ ☒ PASS / ☐ FAIL
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Applicant : <u>Aquil Star</u>				
EUT : <u>Switching Adapter M/N : ASSA75e2-050540; ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3c-050540; ASSA75W3-050540; ASSA75E3c-050540</u>				
Power Supply : <u>AC 230V/50Hz</u>				
Modulation : ☐ None ☐ Pulse ☒ AM <u>80</u> % <u>1</u> kHz				
Performance Criteria : <u>A</u>				
Ambient Condition : <u>24.5</u> °C <u>49</u> %RH <u>101.25</u> kPa				
Operation Mode : Full Load				
Frequency Range (MHz)	Injected Position	Strength (unmodulated)	Performance Criterion	Result
0.15-80	AC Mains	3V	A	A
Operation Mode :				
Frequency Range (MHz)	Injected Position	Strength (unmodulated)	Performance Criterion	Result
Test Equipments :				
1. CS Test System: FRANKONIA CIT-10				
3. CDN : FRANKONIA ☒ M2 ☐ M3				
Note: Class A				

Approved By :



Tested By :



Date : 2016.02.24

Edition: A

 EST Technology Co., Ltd. San Tun Industrial Zone, Houjie Town, Dongguan, Guangdong, China Tel: 0769-83081088 Fax: 0769-83081878	Form EST-421-09	☒ IEC 61000-4-11:2004 ☐ EN 61000-4-11:2004 ☐ GB/T 17626.11-2008 ☐ Other: _____
	Voltage Dips & Short Interruptions Test Data	☒ PASS / ☐ FAIL

Applicant : <u>Aquil Star</u>					
EUT : <u>Switching Adapter M/N : ASSA75e2-050540; ASSA75w4-050540; ASSA75e3-050540 ;</u> <u>ASSA75e3e-050540; ASSA75W3-050540; ASSA75E3e-050540</u>					
Power Supply : <u>AC 230V/50Hz</u>					
Performance Criteria : <u>B,C,C</u>					
Ambient Condition : <u>24.5</u> °C <u>49</u> %RH <u>101.25</u> kPa					
Operation Mode : Full Load (230V/50Hz)					
Test Level %U _T	Voltage Dips & Short Interruptions %U _T	Duration (in period)	Phase angle	Performance Criterion	Result
0	100	0.5P	0	B	A
70	30	25P	0	C	A
0	100	250P	0	C	B
Operation Mode : Full Load (230V/60Hz)					
Test Level %U _T	Voltage Dips & Short Interruptions %U _T	Duration (in period)	Phase angle	Performance Criterion	Result
0	100	0.5P	0	B	A
70	30	30P	0	C	A
0	100	300P	0	C	B
Test Equipment :					
1. ECOMPACT 4 (HEAFELY)					
Note: EUT stopped operation and could be reset by itself at test level 0%U _T , 250P of Interrupt.					

Approved By :  Tested By :  Date : 2016.02.24

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_{cisp})
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 2.54 dB ± 2.54 dB	± 4.0 dB ± 3.6 dB
Power disturbance	Level accuracy (30MHz to 300MHz)	± 2.32 dB	± 4.5 dB
Radiated Emission	Level accuracy (30MHz to 1000MHz)	± 3.62 dB	± 5.2 dB
Radiated Emission	Level accuracy (above 1000MHz)	± 3.62 dB	N/A
Mains Harmonic	Voltage	$\pm 0.25\%$	N/A
Voltage Fluctuations & Flicker	Voltage	$\pm 0.25\%$	N/A

As U_{lab} in all applicable tests listed above are less than U_{cisp} according to CISPR 16-4-2:2003,

- 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.