CE/EMC COMPLIANCE REPORT

For

Shenzhen Fujia Appliance Co., Ltd.

Switching Adapter

Prepared for : Shenzhen Fujia Appliance Co., Ltd.
Address : 5F of Building F, Hengchangrong (xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China

Prepared by : EST Technology Co., Ltd.
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Report No. : ESTE-E1708037-3
Date of Report : Jul. 16, 2020

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EST Technology Co., Ltd.

Applicant/ Manufacturer: Address:	Shenzhen Fujia Appliance Co., Ltd. 5F of Building F, Hengchangrong (xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China		
Factory 1: Address:	Shenzhen Fujia Appliance Co., Ltd. 5F of Building F, Hengchangrong (xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China		
Factory 2: Address:	Huizhou Fujia Appliance Tech. Co., Ltd. Building B of Yaoyu Ind. Park, Shatian Town, Huiyang District, Huizhou, Guangdong, P.R. China		
E.U.T:	Switching Adapter		
Model Number:	FJ-SW2017xxxyyyy, FJ-SW2017xxxyyyyD (xxx, yyyy, are variable, Please see section 1.3 of the report)		
Trade Name:	------	**Serial No.:**	------
Date of Receipt:	Jul. 29, 2017	**Date of Test:**	Jul. 29~Aug. 21, 2017
Test Specification:	EN 55032:2015 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied.		

Issue Date: Jul. 16, 2020

Prepared by:	Reviewed by:	Approved by:
Lena/ Assistant	Sean/ Engineer	Iceman Hu / Manager

Other Aspects:

This report supersedes previous report with report number: ESTE-E1704013-1

The EN 55020:2007+A12:2016 and EN 55024:2010+A1:2015 standard had been updated to EN 55035:2017

Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested

This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd. The statement of compliance in this report is based on the limit in the test standard, the measurement uncertainty is not considered.

1. GENERAL PRODUCT INFORMATION

1.1. Product Function

Refer to Technical Construction Form and User Manual.

1.2. Description of Device (EUT)

Description	:	Switching Adaptor
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
System Input Voltage	:	AC 100-240V, 50/60Hz
AC Line	:	Unshielded, Detachable 1.5 m
PC Line	:	Unshielded, Undetachable 1.5 m

1.3. Difference between Model Numbers

Model list:

Model Number	Output Voltage Range (Vdc)	Output Current Range (A)	Max. Output Power (W)	Transformer
FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD （xxx=050-090, yyyy=0100-6000）	5.0-9.0	0.1-6.0	54	2017-T1 （Sec winding Φ0.45mm*6P*3Ts）
FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD （xxx=095-195, yyyy=0100-6000）	9.5-19.5	0.1-6.0	65	2017-T2 （Sec winding Φ0.45mm*4P*6Ts）
FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD （xxx=200-330, yyyy=0100-3250）	20.0-33.0	0.1-3.25	65	2017-T3 （Sec winding Φ0.50mm*2P*10Ts）
FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD （xxx=360-540, yyyy=0100-1800）	36.0-54.0	0.1-1.80	65	2017-T4 （Sec winding Φ0.45mm*2P*18Ts）
Note: The output voltage is rising in steps of 0.5V The output current is rising in steps of 0.01A Output voltage multiplied with output current are only tested up to the max. output power.				

Note:

Variable: W	Range of variable:	Content:
xxx	'x' is a 3 digit number code, from 050-090,095-195,200-330,360-540	The represents the output voltage, 050 represents the output voltage is 5.0V
yyyy	'y' is a 4 digit number code, from 0100 to 6000	This represents the output current in Ampere after dividing by 100 by step of 0.01A, for example, 0100 represents the output current is 1.0A.

model / Components	FJ-SW2017xxxyyyy, FJ-SW2017xxxyyyyD (xxx=050-085)	FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD (xxx=095-175)	FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD (xxx=180-275)
C6	Min.47μF, 400V	Min.47μF, 400V	Min.47μF, 400V
C7,C22	Min. 10V	Min. 16V	Min. 25V
Q4	Min.40V, 40A	Min.80V, 40A	Min.150V, 10A

model / Components	FJ-SW2017xxxyyyy, FJ-SW2017xxxyyyyD (xxx=280-395)	FJ-SW2017xxxyyyy FJ-SW2017xxxyyyyD (xxx=400-540)
C6	Min.47μF, 400V	Min.47μF, 400V
C7,C22	Min. 35V	Min. 40V
Q4	Min.300V, 10A	Min.400V, 5A

1.4. Independent Operation Modes

The basic operation modes are:

1.4.1. Full Load

1.4.2. Half Load

1.4.3. No Load

2. TEST STANDARDS AND SITES

2.1.Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION(EN 55032:2015)				
Description of Test Item	**Standard**	**Limits**		**Results**
Conducted disturbance at mains terminals	EN 55032:2015	Class B		PASS
		Minimum passing margin is 4.94dB at 0.17MHz		
Asymmetric mode conducted emissions	EN 55032:2015	Class B		N/A
		More than *** dB below the limit line.		
Radiated disturbance	EN 55032:2015	Class B		PASS
		Minimum passing margin is 3.16dB at 36.79MHz		
Harmonic current emissions	EN IEC 61000-3-2:2019	Class A		N/A
Voltage fluctuations & flicker	EN 61000-3-3:2013+A1:2019	Section 4.4		PASS
IMMUNITY (EN 55035:2017)				
Description of Test Item	**Basic Standard**	**Performance Criteria**	**Observation Criteria**	**Results**
Electrostatic discharge (ESD)	EN 61000-4-2:2009	B	A	PASS
Radio-frequency, Continuous radiated disturbance	EN 61000-4-3:2006+ A1:2008+A2:2010	A	A	PASS
Electrical fast transient (EFT)	EN 61000-4-4:2012	B	A	PASS
Surge (Input a.c. power port)	EN 61000-4-5:2014	B	A	PASS
Radio-frequency,Continuous conducted disturbance	EN 61000-4-6:2014	A	A	PASS
Power frequency magnetic field	EN 61000-4-8:2010	A	A	PASS
Voltage dips, >95% reduction	EN 61000-4-11:2004	B	A	PASS
Voltage dips, 30% reduction		C	B	PASS
Voltage interruptions		C	B	PASS
N/A is an abbreviation for Not Applicable.				

2.2. Test Facilities

EMC Lab : Certificated by CNAS, CHINA
Registration No.: L5288
This Certificate is valid until: November 12, 2023

Certificated by FCC, USA
Designation Number: CN1215
This Certificate is valid until: January 31, 2022

Certificated by A2LA, USA
Registration No.: 4366.01
This Certificate is valid until: January 31, 2022

Certificated by Industry Canada
CAB identifier No.: CN0035
This Certificate is valid until: January 31, 2022

Certificated by VCCI, Japan
Registration No.:C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2020
This Certificate is valid until: Apr. 19, 2023

Certificated by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Certificated by Intertek
Registration No.: 2011-RTL-L2-64
Date of registration: November 08, 2018

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China

2.3.List of Test and Measurement Instruments

2.3.1. For conducted emission at the mains terminals test (2# conduction)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESPR3	EST-E070	June 13,20	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E048	June 13,20	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.2. For radiated emission test (2# 966 radiation)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI3	EST-E071	June 13,20	1 Year
Bilog Antenna	Teseq	CBL 6111D	EST-E053	June 13,20	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.3. For harmonic current emissions and voltage fluctuations/flicker test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Analyzer	California Instruments	3001IX-208-CTS	EST-E011	June 13,20	1 Year
Voltage Source	California Instruments	3001IX-208	EST-E012	June 13,20	1 Year
Test Software	California Instruments	CTS	N/A	N/A	N/A

2.3.4. For electrostatic discharge immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
ESD Generator	HAEFELY	ONYX16	EST-E013	June 13,20	1 Year

2.3.5. Radio Frequency Electromagnetic Field Immunity (R/S) Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Signal Generator	Agilent	N5181A	EST-E060	June 13,20	1 Year
Power Amplifier	SKET	HAP801000M-250W	EST-E061	N/A	N/A
Power Amplifier	SKET	HAP0103G-75W	EST-E062	N/A	N/A
Power Amplifier	SKET	HAP0306G-50W	EST-E063	N/A	N/A
Power Meter	Agilent	E4419B	EST-E064	June 13,20	1 Year
Power sensor	Agilent	E9301A	EST-E065	June 13,20	1 Year
Power sensor	HP	E9301A	EST-E066	June 13,20	1 Year
Antenna	Schwarzbeck	STLP 9129	EST-E059	N/A	N/A
E-Field Probe	Narda	EP-601	EST-E067	June 13,20	1 Year
Test Software	SKET	EMC-S	V1.2.0.48	N/A	N/A

2.3.6. For electrical fast transient/burst immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EFT Generator	EMC PARTNER	TRANSIENT 2000	EST-E074	June 13,20	1 Year
Capacitive Coupling Clamp	HAEFELY	IP4A	EST-E040	June 13,20	1 Year

2.3.7. For surge immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Surge Controller	HAEFELY	PSURGE8000	EST-E015	June 13,20	1 Year
Surge Impulse Module	HAEFELY	PIM100	EST-E016	June 13,20	1 Year
Surge Coupling Network	HAEFELY	PCD100	EST-E017	June 13,20	1 Year

2.3.8. For injected currents susceptibility test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Signal Generator	Rohde &Schwarz	SMB100A	EST-E025	June 13,20	1 Year
Power Amplifier	FRANKONIA	CIT-10	EST-E021	June 13,20	1 Year
Power Meter	Rohde &Schwarz	NRVS	EST-E027	June 13,20	1 Year
CDN	FRANKONIA	CDN-M2+M3	EST-E022	June 13,20	1 Year
EM-Clamp	FRANKONIA	EMCL-20	EST-E042	June 13,20	1 Year
Test Software	SKET	EMC-S	V1.2.0.80	N/A	N/A

2.3.9.For power frequency magnetic field immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Magnetic Field Tester	HAEFELY	MFS 100	EST-E018	June 13,20	1 Year

2.3.10.For voltage dips and short interruptions immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
DIPS Tester	EMC PARTNER	TRANSIENT 2000	EST-E074	June 13,20	1 Year

Note: All calibration reports of the equipment were provided by LiSai calibration and Testing

3. TEST SET-UP AND OPERATION MODES

3.1. Principle of Configuration Selection

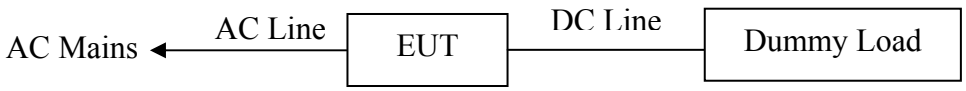
Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

Immunity: The equipment under test (EUT) was configured to the representative operating mode and conditions.

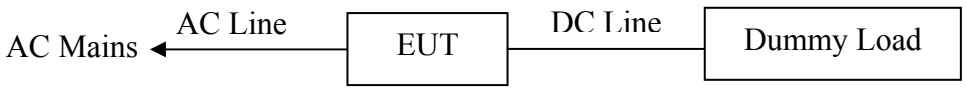
3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Simulators

EMI



EMS



(EUT: Switching Adaptor)

3.3. Test Operation Mode and Test Software

Refer to Test Setup in clause 4 & 5.

3.4. Special Accessories and Auxiliary Equipment

None.

3.5. Countermeasures to Achieve EMC Compliance

None.

4. EMISSION TEST RESULTS

4.1. Conducted Emission at The Mains Terminals Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55032:2015
Frequency range	:	0.15～30MHz
Test Site	:	2# Conduction Shielded Room
Limits	:	EN 55032:2015 Class B

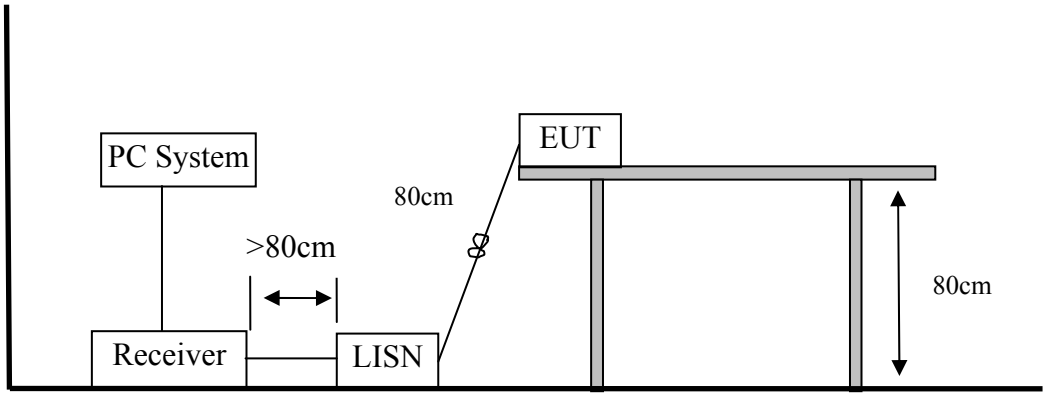
Test Setup

Date of test	:	Jul. 31~Aug. 08, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load, No Load

The frequency range from 150 kHz to 30 MHz was investigated.

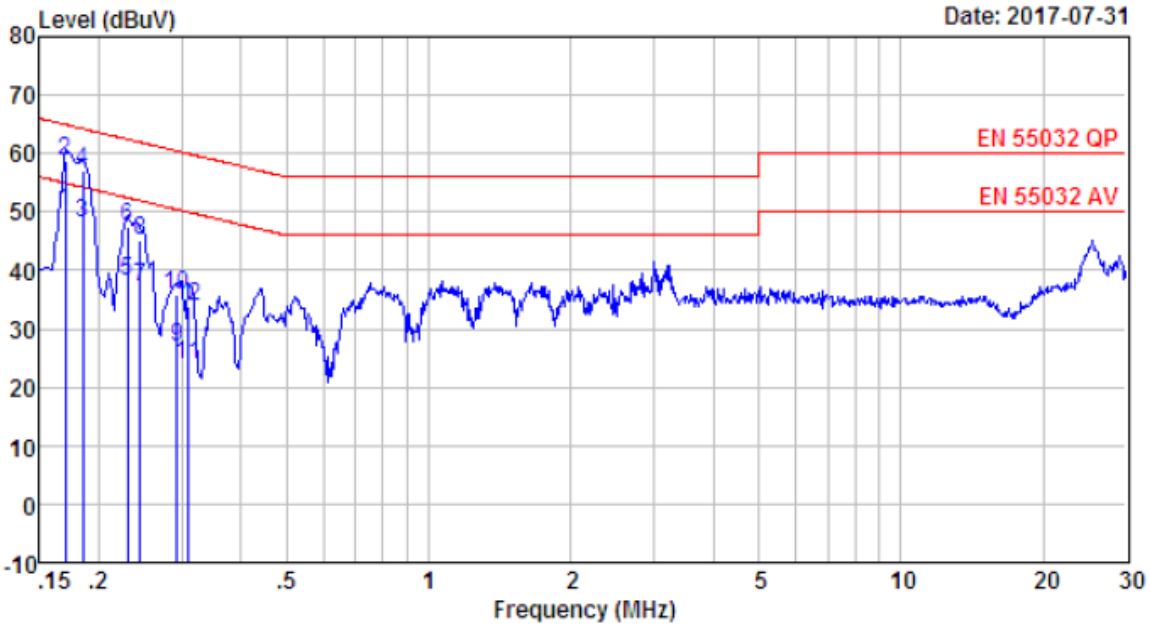
The bandwidth of the test receiver was set at 9 kHz.

The test data of the worst case condition(s) was reported on the following page.



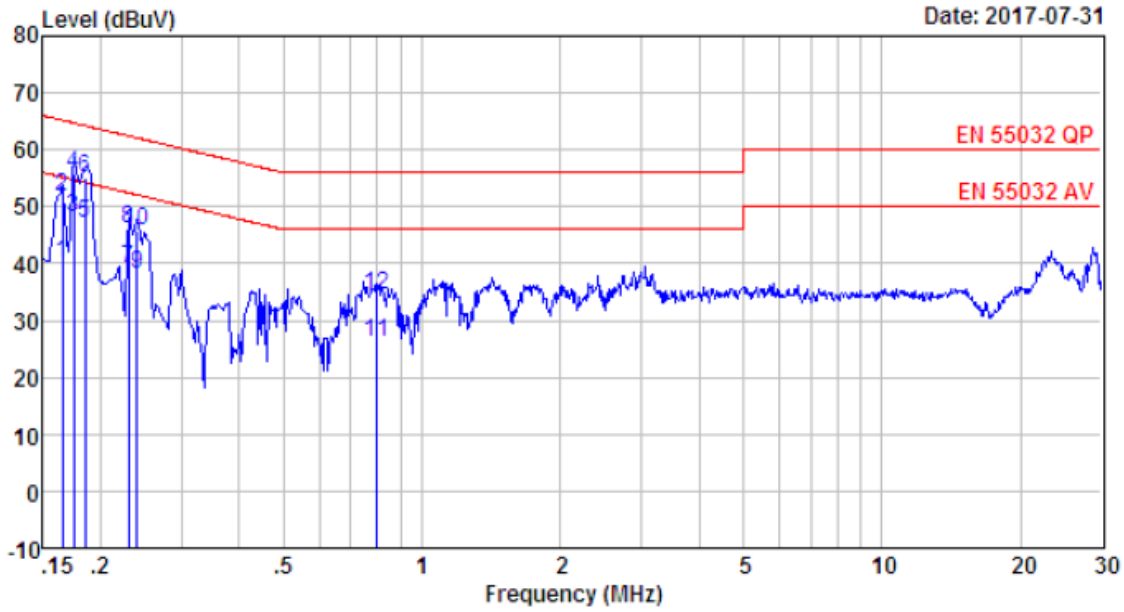
Note: Test uncertainty: ±3.40dB at a level of confidence of 95%.(2#CE)

Test Data



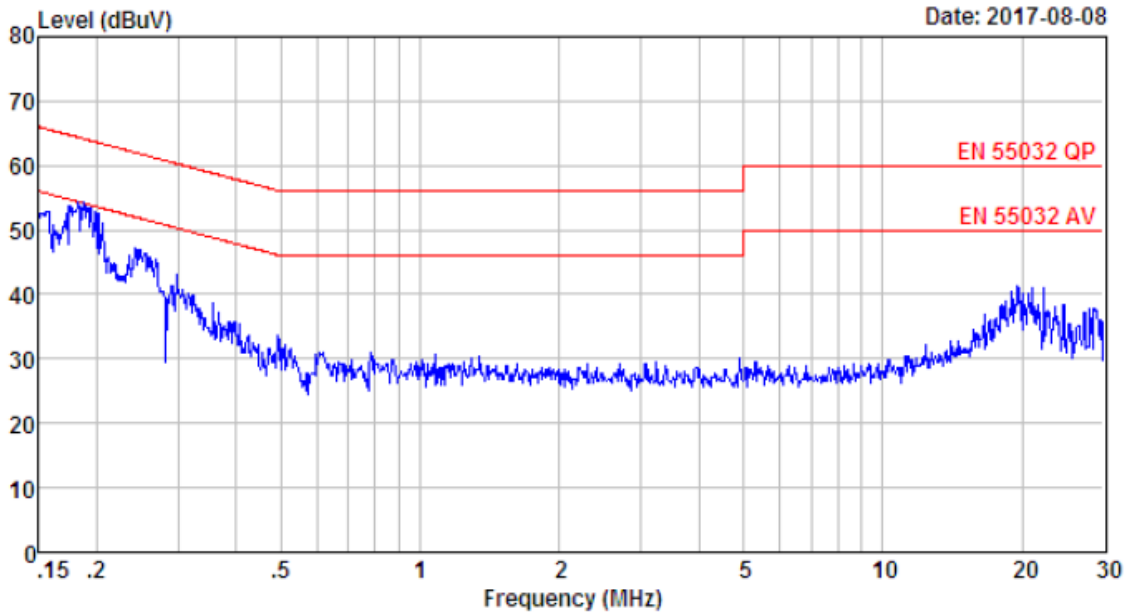
Site no : 2# Contuction Shield Room Data no. : 263
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : Full Load(Output:54V/1.2A)
Y+Y

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.17	9.52	9.81	30.67	50.00	54.94	4.94	Average
2	0.17	9.52	9.81	39.32	58.65	64.94	6.29	QP
3	0.19	9.56	9.80	28.64	48.00	54.24	6.24	Average
4	0.19	9.56	9.80	37.57	56.93	64.24	7.31	QP
5	0.23	9.60	9.80	18.60	38.00	52.44	14.44	Average
6	0.23	9.60	9.80	28.03	47.43	62.44	15.01	QP
7	0.24	9.60	9.82	17.58	37.00	51.95	14.95	Average
8	0.24	9.60	9.82	25.77	45.19	61.95	16.76	QP
9	0.29	9.60	9.83	7.57	27.00	50.46	23.46	Average
10	0.29	9.60	9.83	16.24	35.67	60.46	24.79	QP
11	0.31	9.60	9.83	4.57	24.00	50.02	26.02	Average
12	0.31	9.60	9.83	14.47	33.90	60.02	26.12	QP

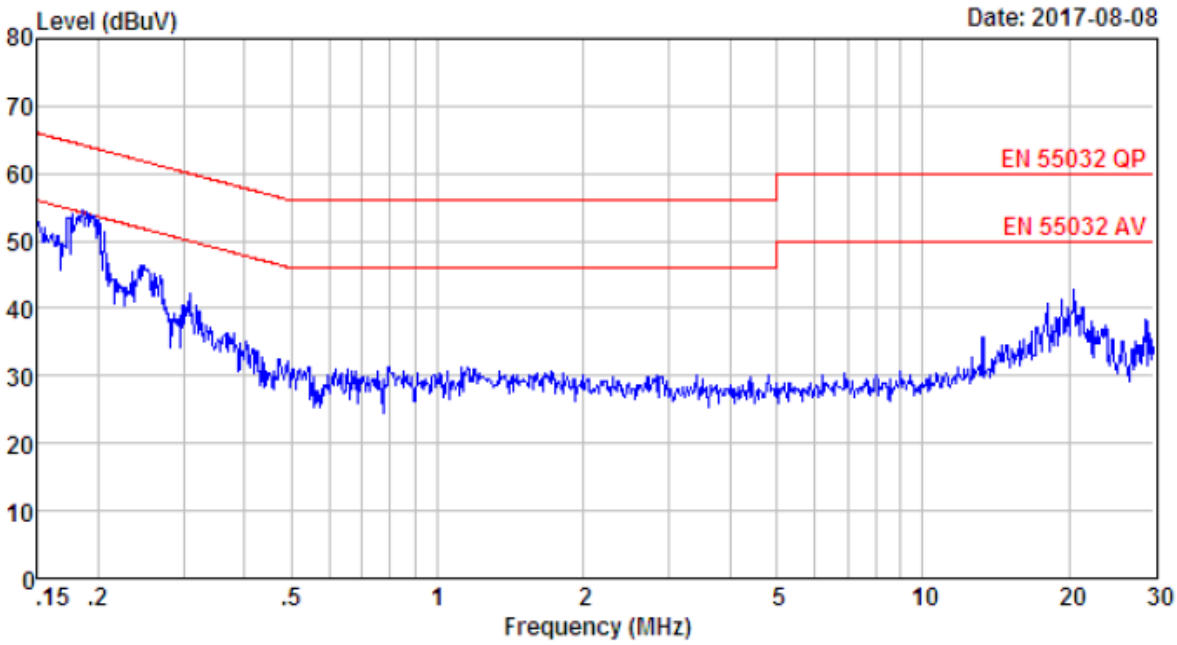


Site no : 2# Contuction Shield Room Data no. : 261
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : Full Load(Output:54V/1.2A)
Y+Y

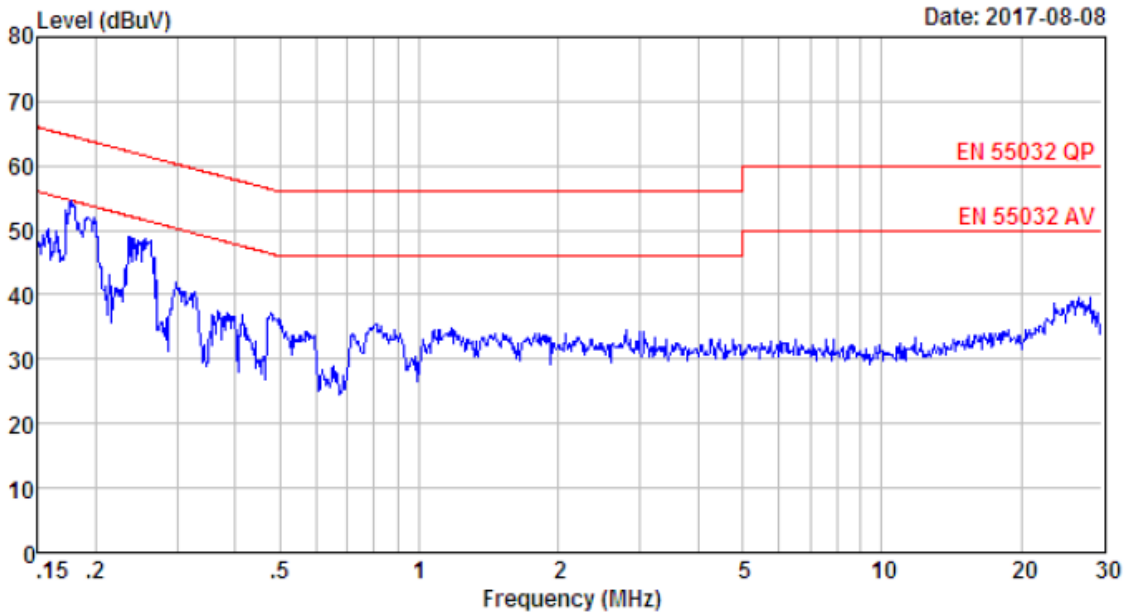
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.17	9.61	9.81	20.58	40.00	55.21	15.21	Average
2	0.17	9.61	9.81	32.23	51.65	65.21	13.56	QP
3	0.17	9.61	9.80	28.59	48.00	54.72	6.72	Average
4	0.17	9.61	9.80	36.35	55.76	64.72	8.96	QP
5	0.19	9.61	9.80	27.59	47.00	54.24	7.24	Average
6	0.19	9.61	9.80	35.84	55.25	64.24	8.99	QP
7	0.23	9.61	9.80	19.59	39.00	52.44	13.44	Average
8	0.23	9.61	9.80	26.65	46.06	62.44	16.38	QP
9	0.24	9.61	9.82	18.57	38.00	52.08	14.08	Average
10	0.24	9.61	9.82	26.23	45.66	62.08	16.42	QP
11	0.80	9.61	9.81	6.78	26.20	46.00	19.80	Average
12	0.80	9.61	9.81	14.93	34.35	56.00	21.65	QP



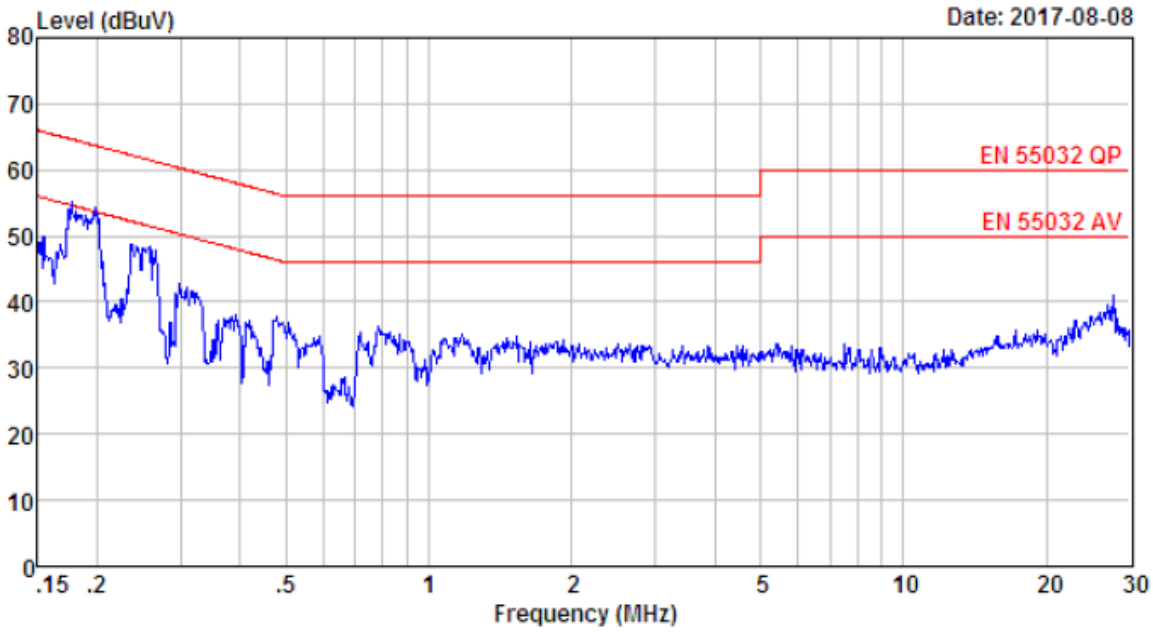
Site no : 844 Shield Room Data no. : 217
Env. / Ins. : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20173301970
Test Mode : Full Load(Output:33V/1.97A)
Y



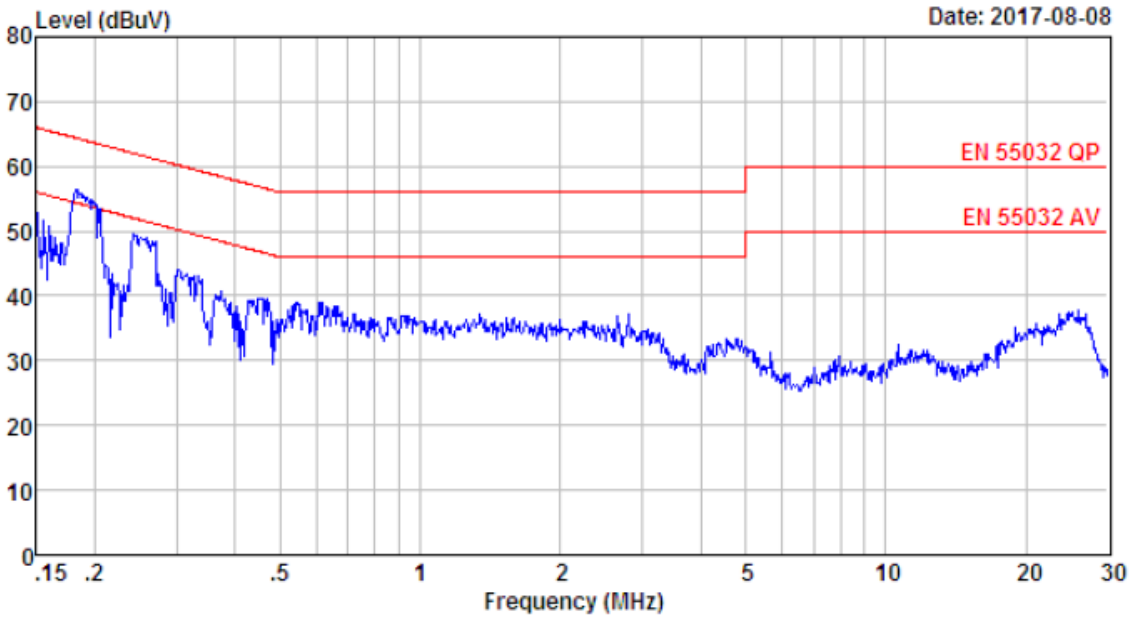

```
Site no      : 844 Shield Room                      Data no.    : 219
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



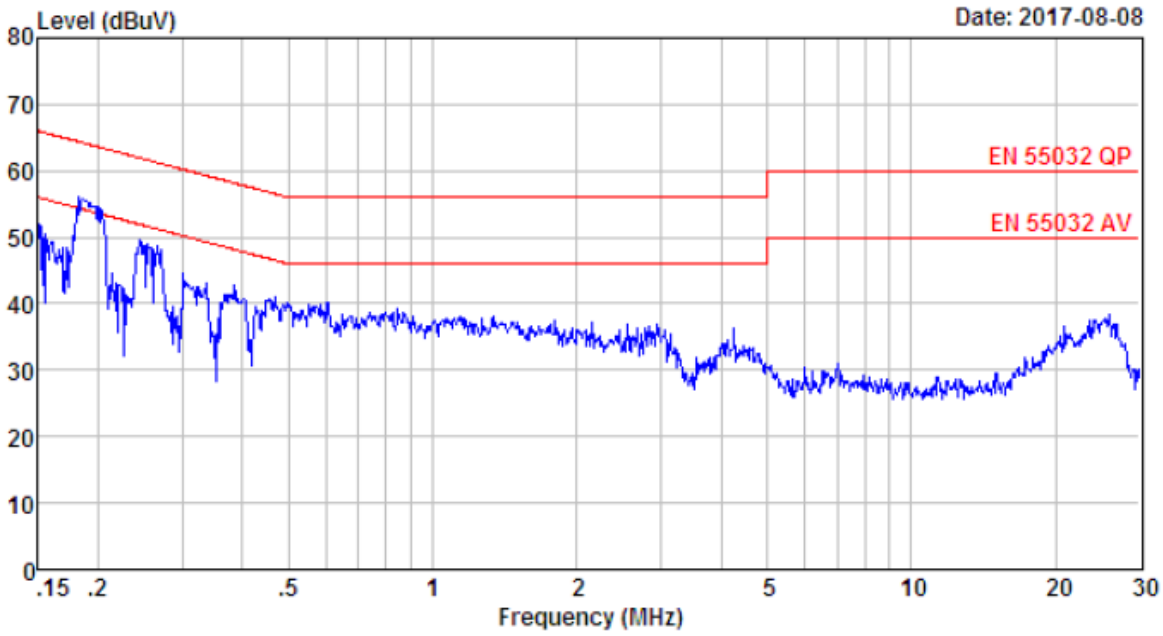

```
Site no      : 844 Shield Room                      Data no.    : 221
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



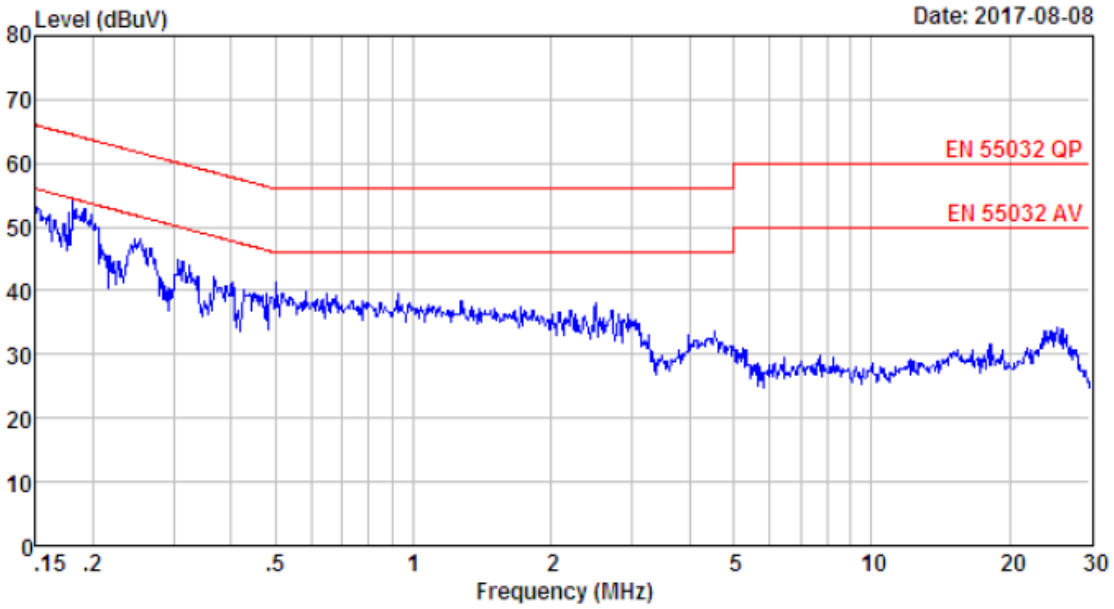

```
Site no      : 844 Shield Room                    Data no.    : 223
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



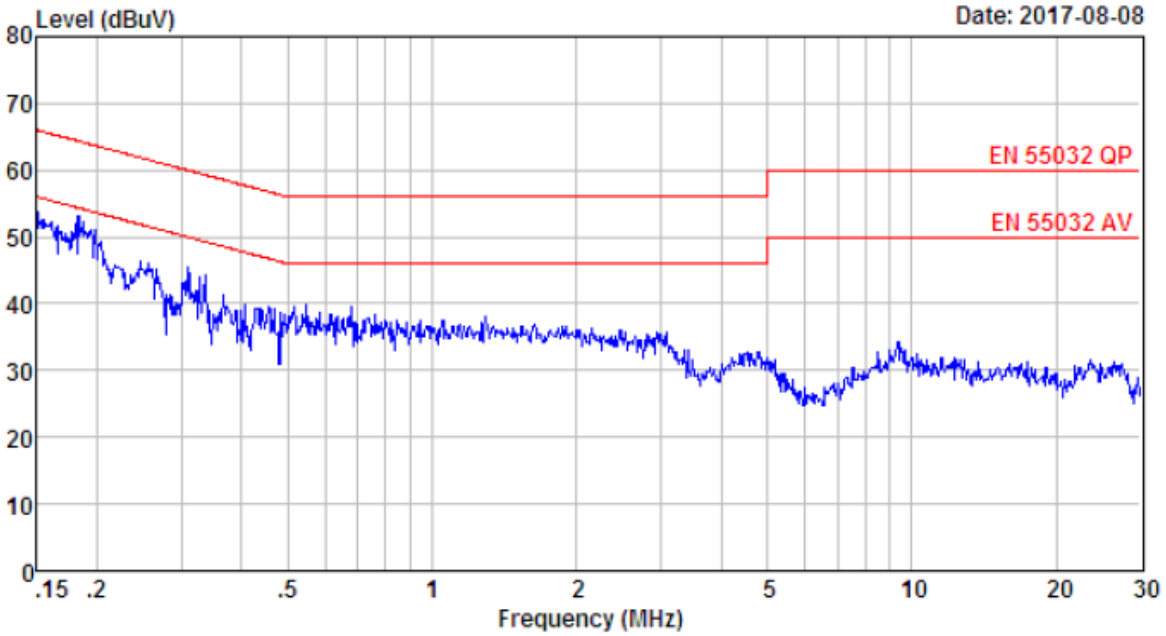

```
Site no      : 844 Shield Room                    Data no.    : 225
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y
```



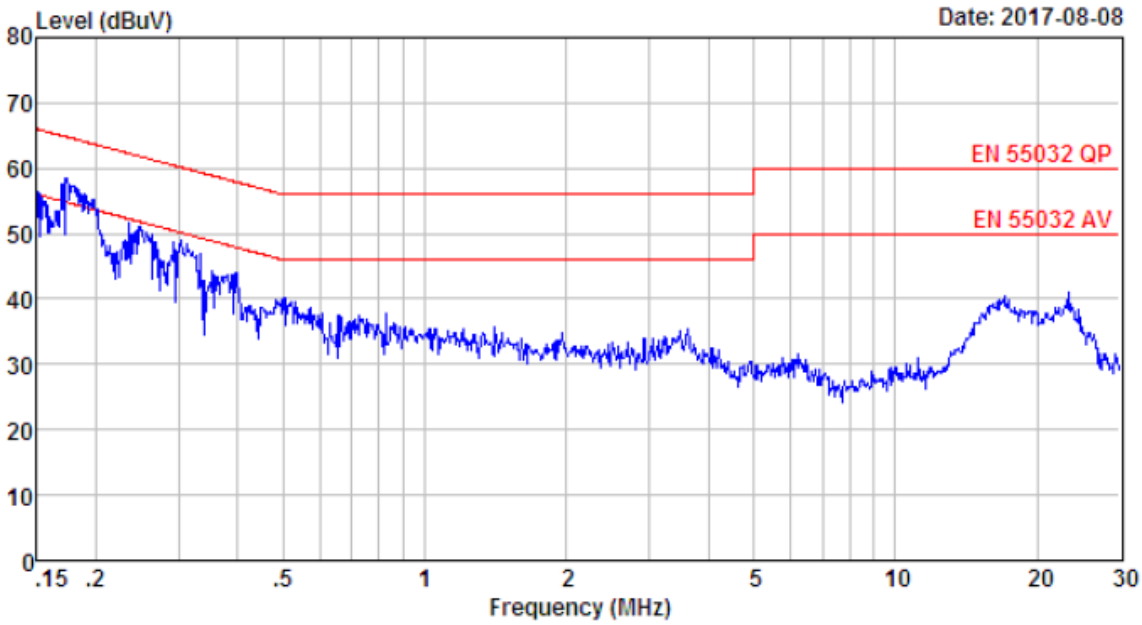

```
Site no      : 844 Shield Room                      Data no.    : 227
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y
```



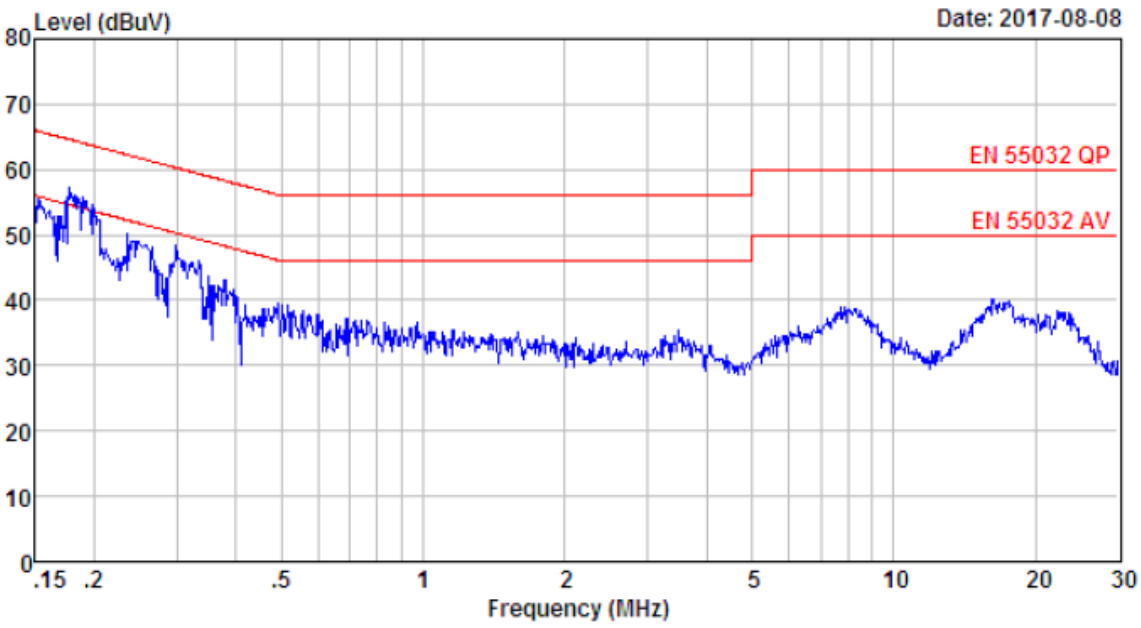

```
Site no      : 844 Shield Room                      Data no.    : 229
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y
```



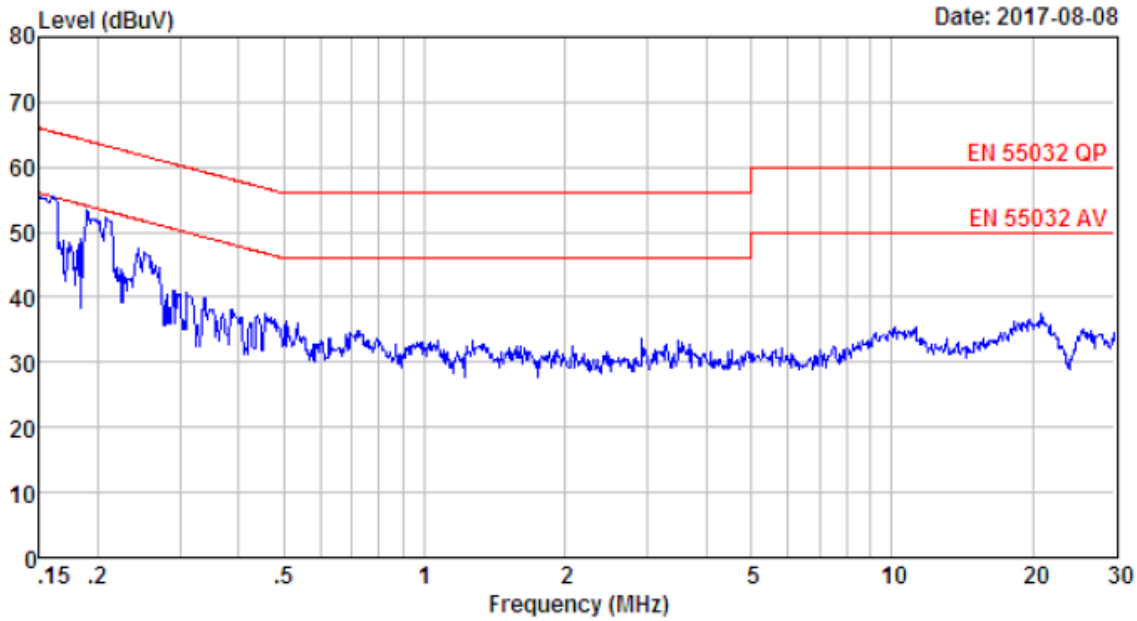

```
Site no      : 844 Shield Room                    Data no.    : 231
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y
```



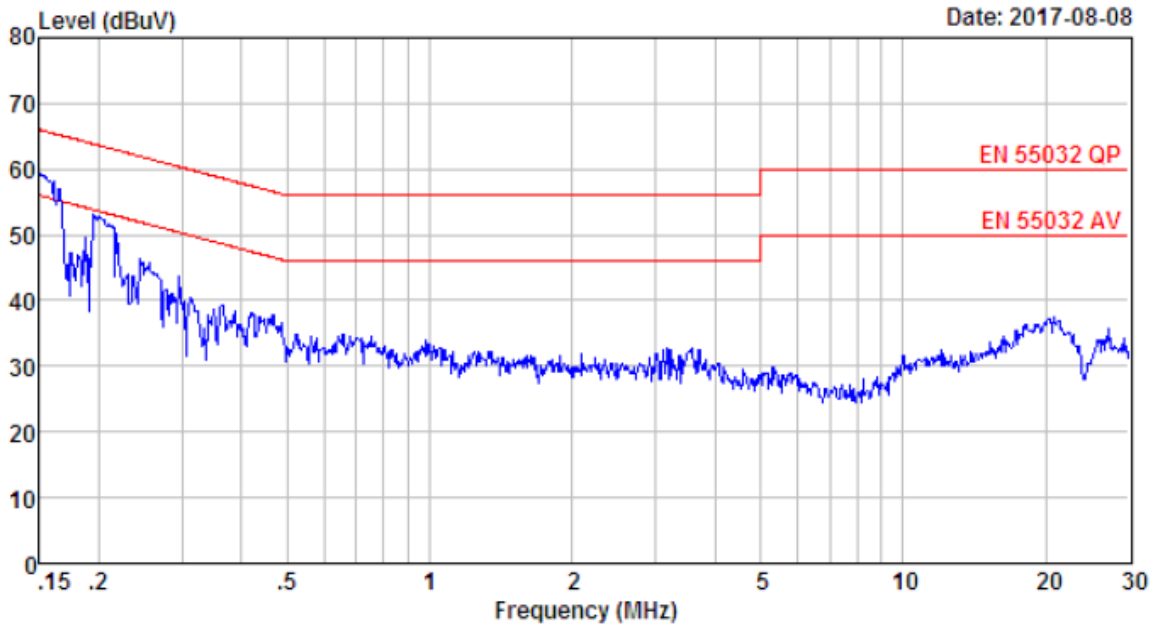

```
Site no      : 844 Shield Room                      Data no.    : 233
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```



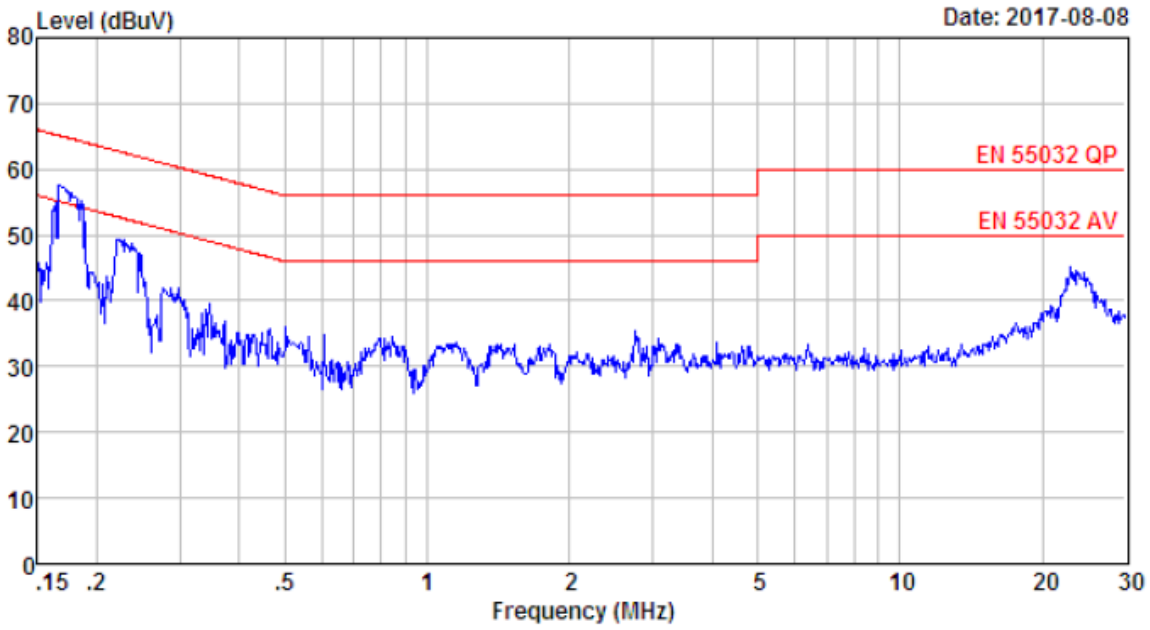

```
Site no      : 844 Shield Room                      Data no.    : 235
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```



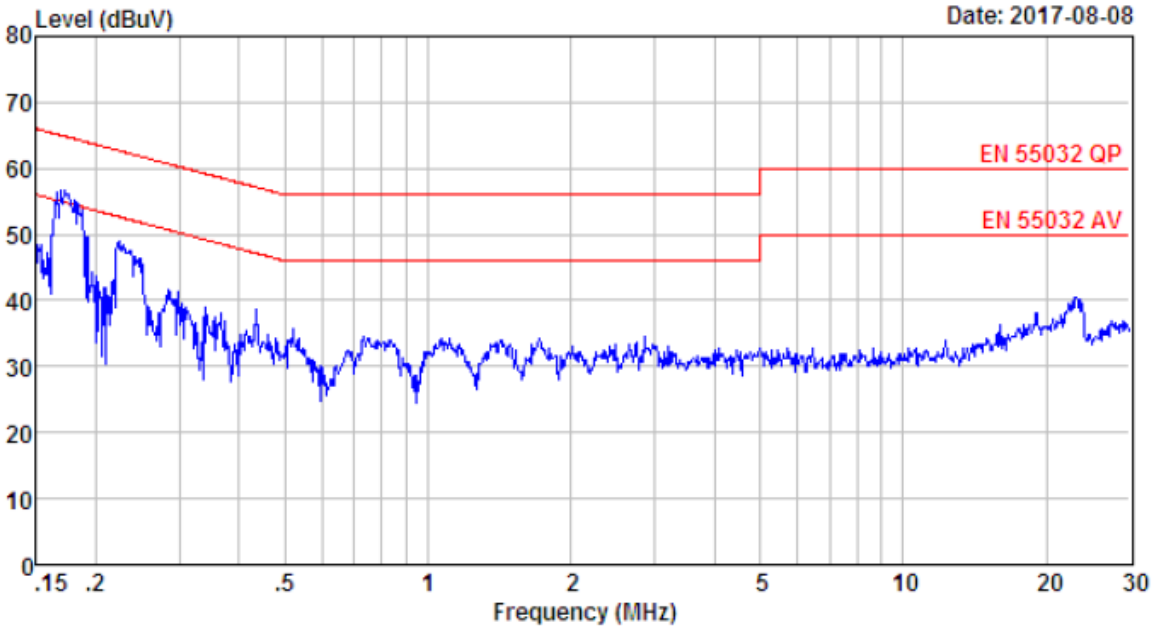

```
Site no      : 844 Shield Room                      Data no.    : 237
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```



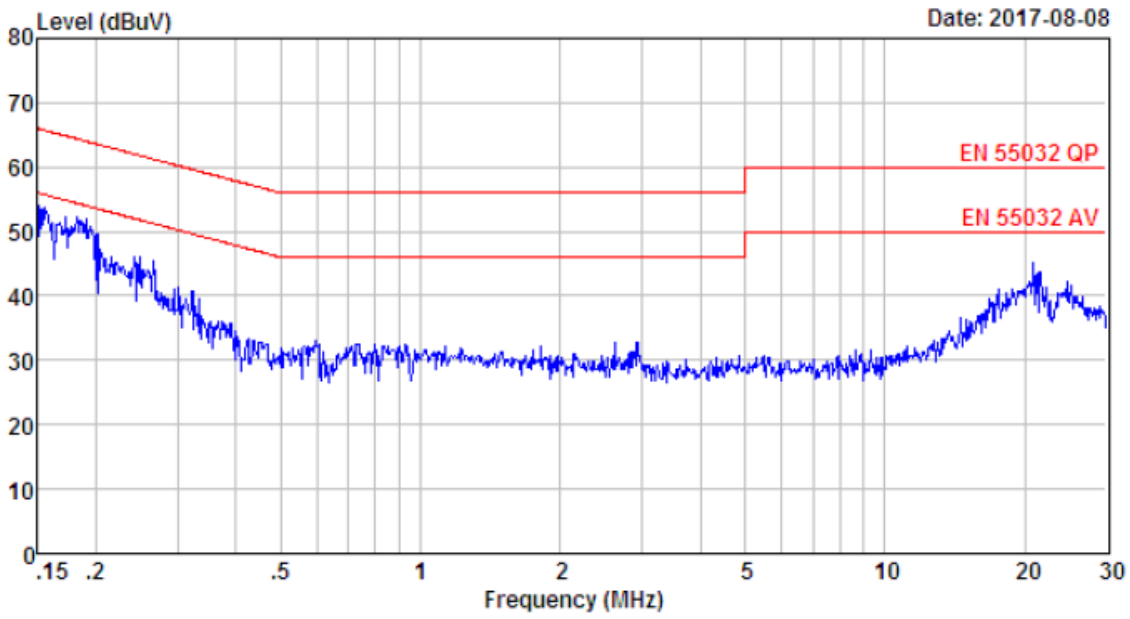

```
Site no      : 844 Shield Room                      Data no.    : 239
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```



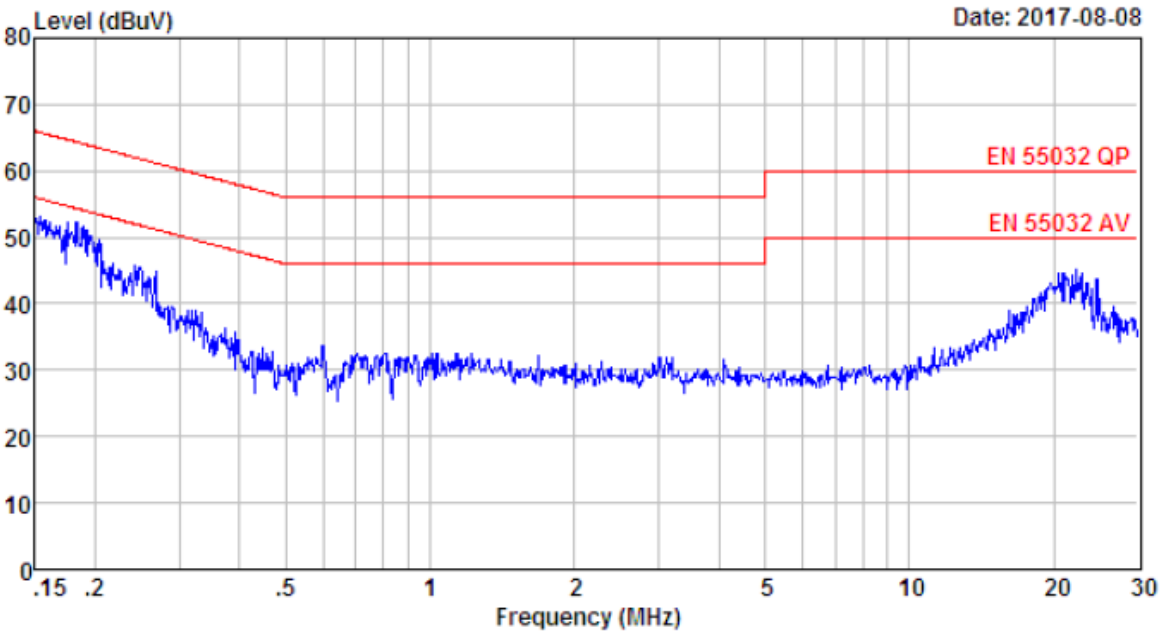

```
Site no      : 844 Shield Room                    Data no.    : 241
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



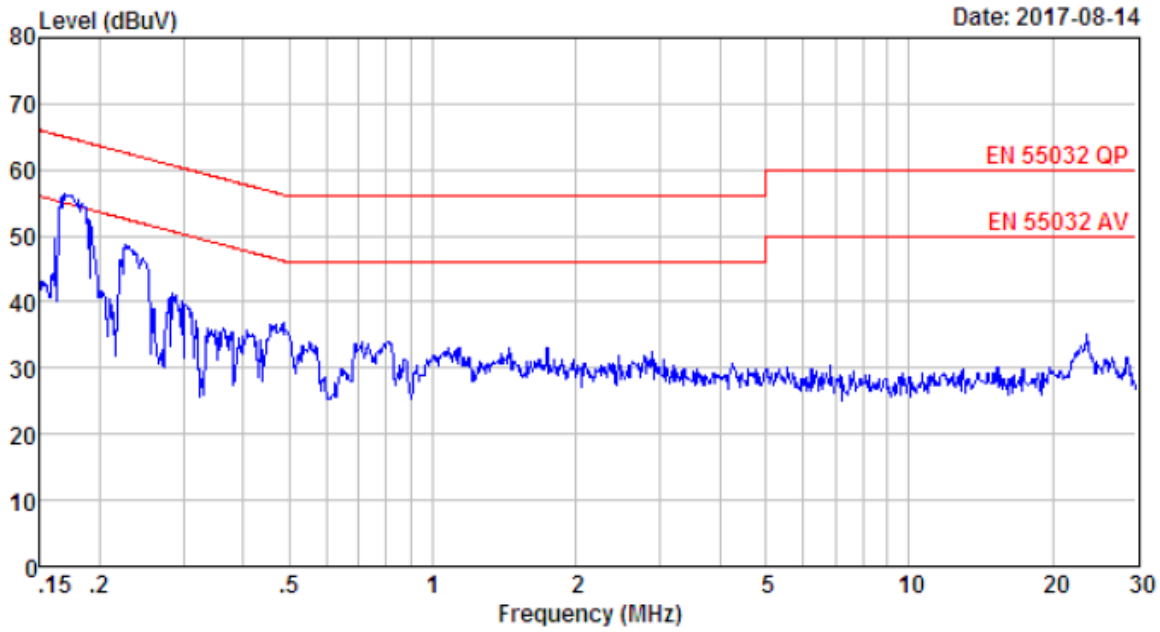

```
Site no      : 844 Shield Room                      Data no.    : 243
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



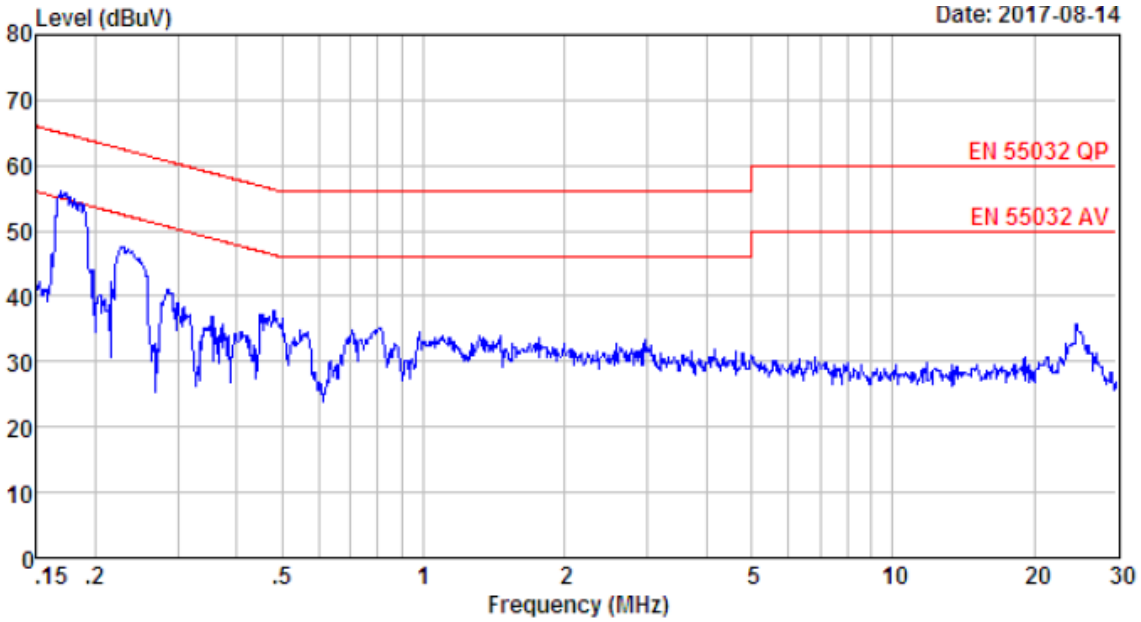

```
Site no      : 844 Shield Room                      Data no.   : 245
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



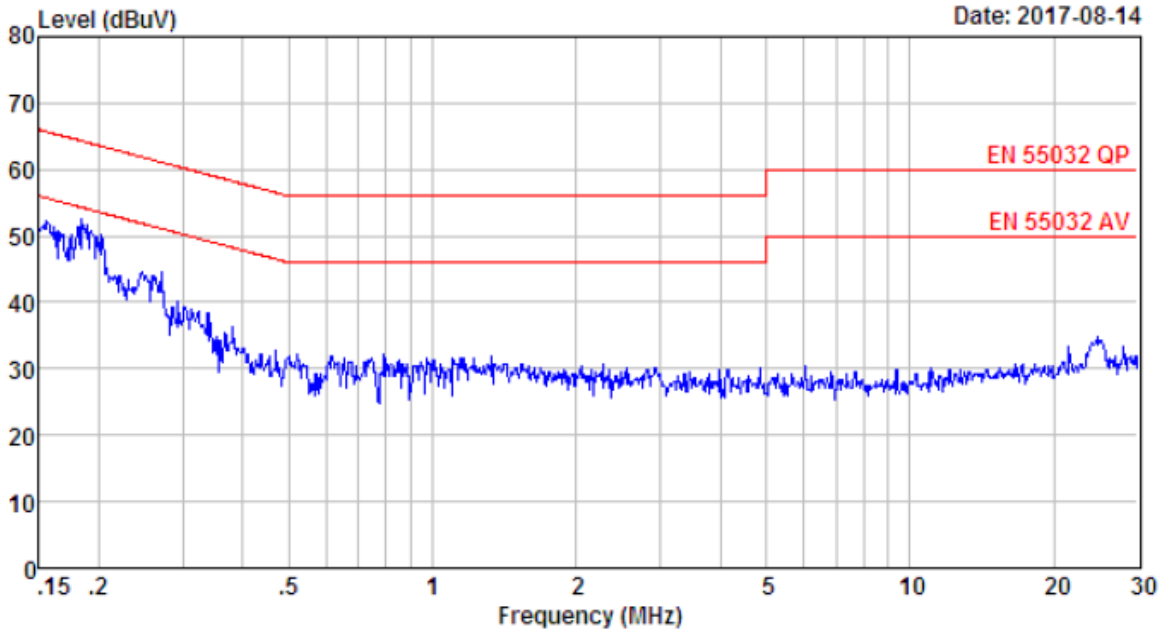

```
Site no      : 844 Shield Room                      Data no.   : 247
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



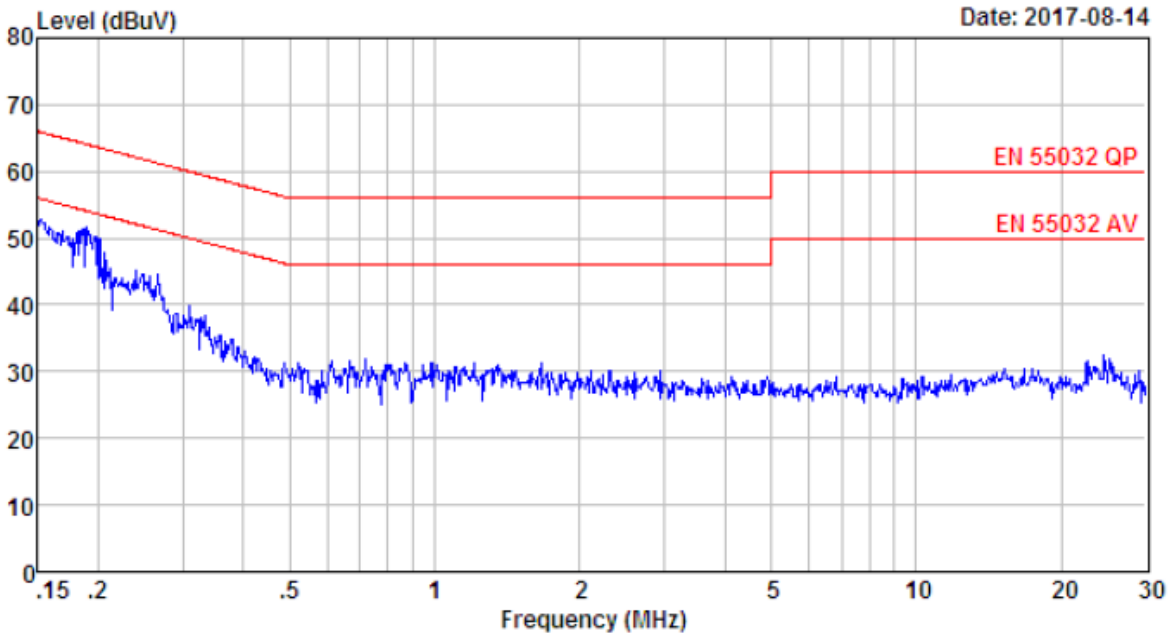

```
Site no      : 844 Shield Room                      Data no.    : 249
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



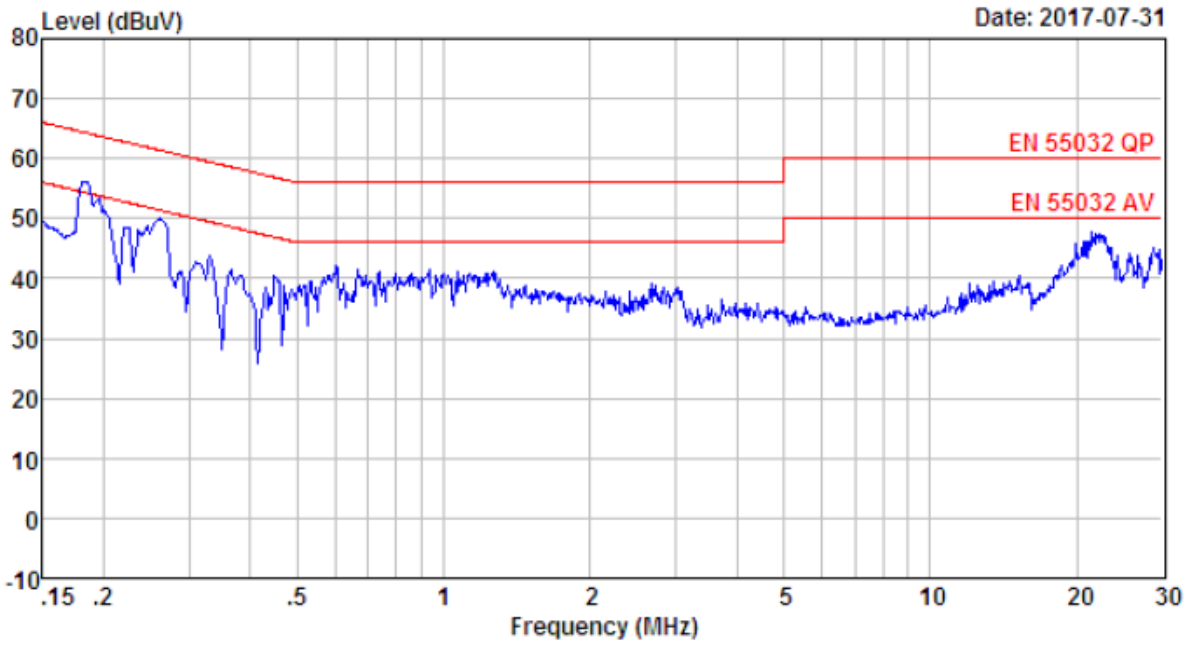

```
Site no      : 844 Shield Room                      Data no.    : 251
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



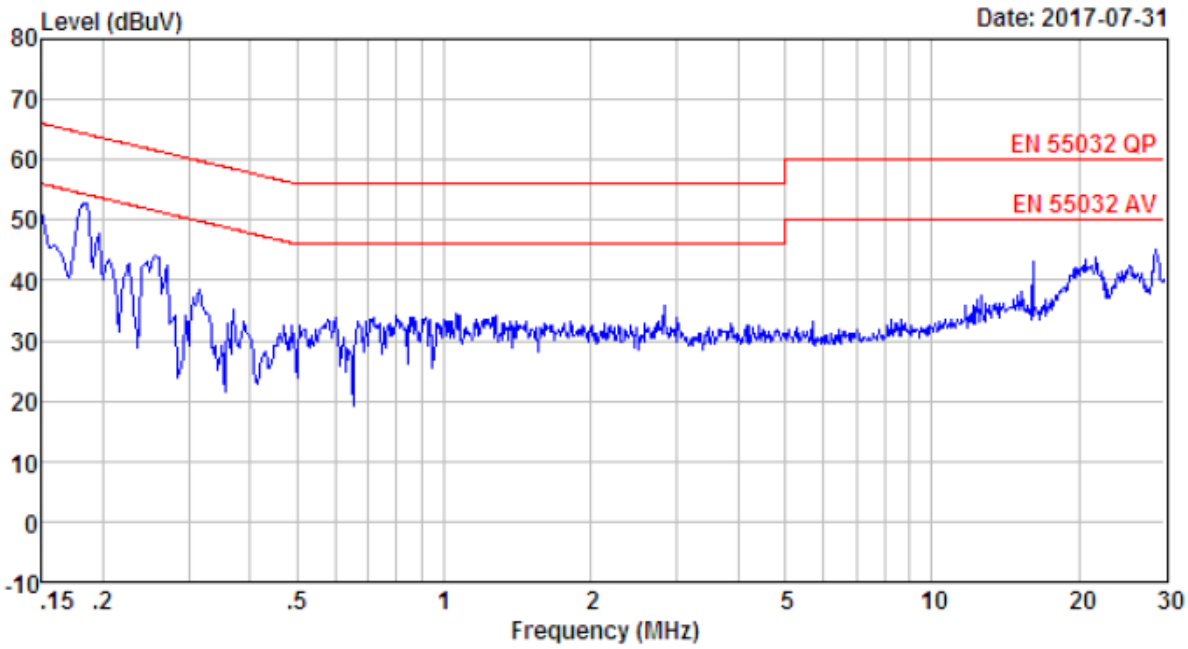

```
Site no      : 844 Shield Room                    Data no.    : 253
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



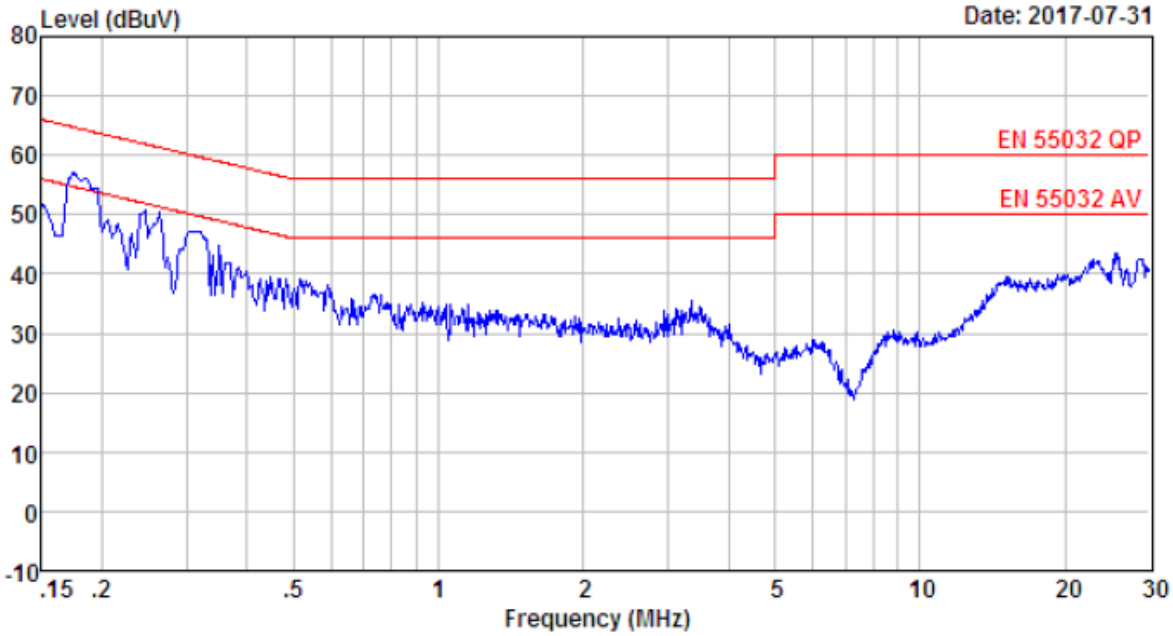

```
Site no      : 844 Shield Room                    Data no.    : 255
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



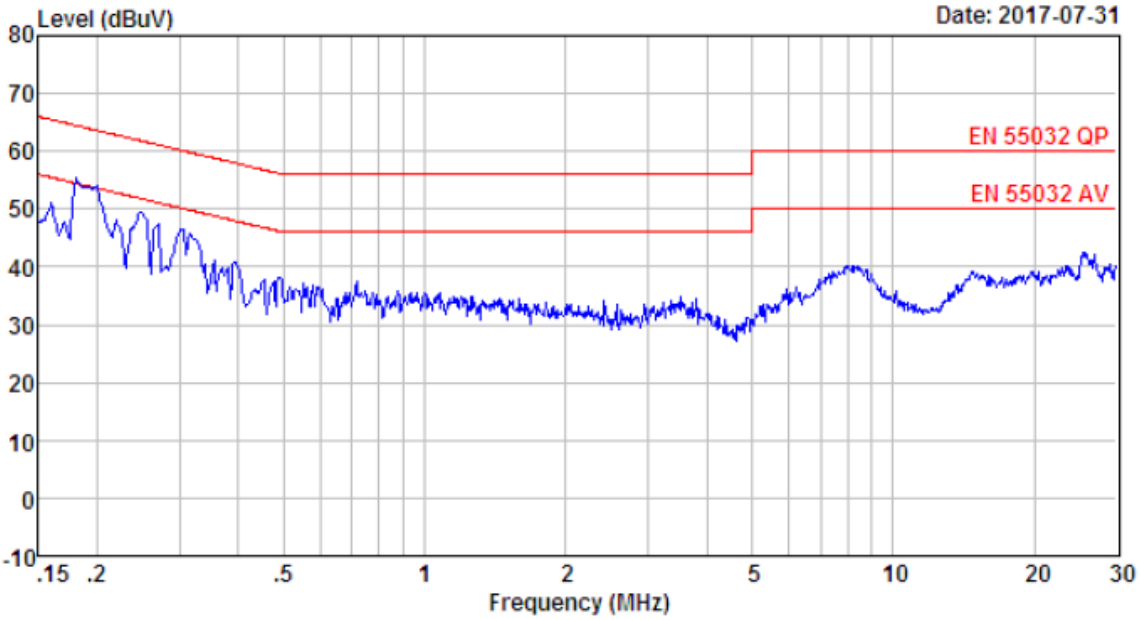

```
Site no      : 2# Contuction Shield Room          Data no.   : 257
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y+Y
```



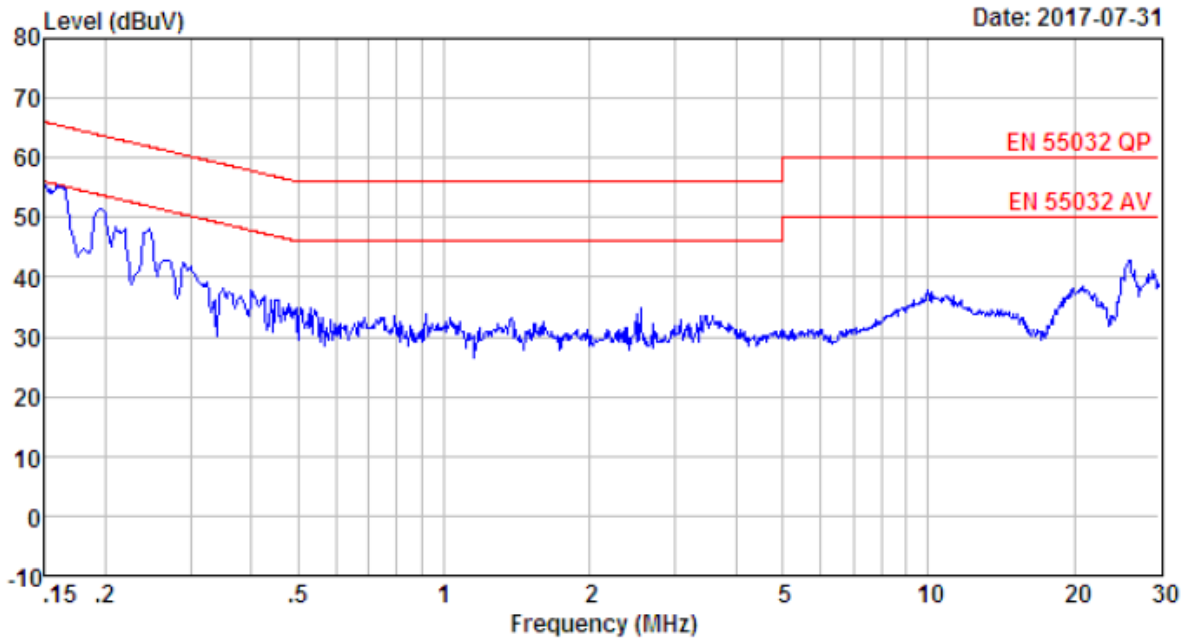

```
Site no      : 2# Contuction Shield Room          Data no.   : 259
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200
Test Mode    : Full Load(Output:54V/1.2A)
               Y+Y
```



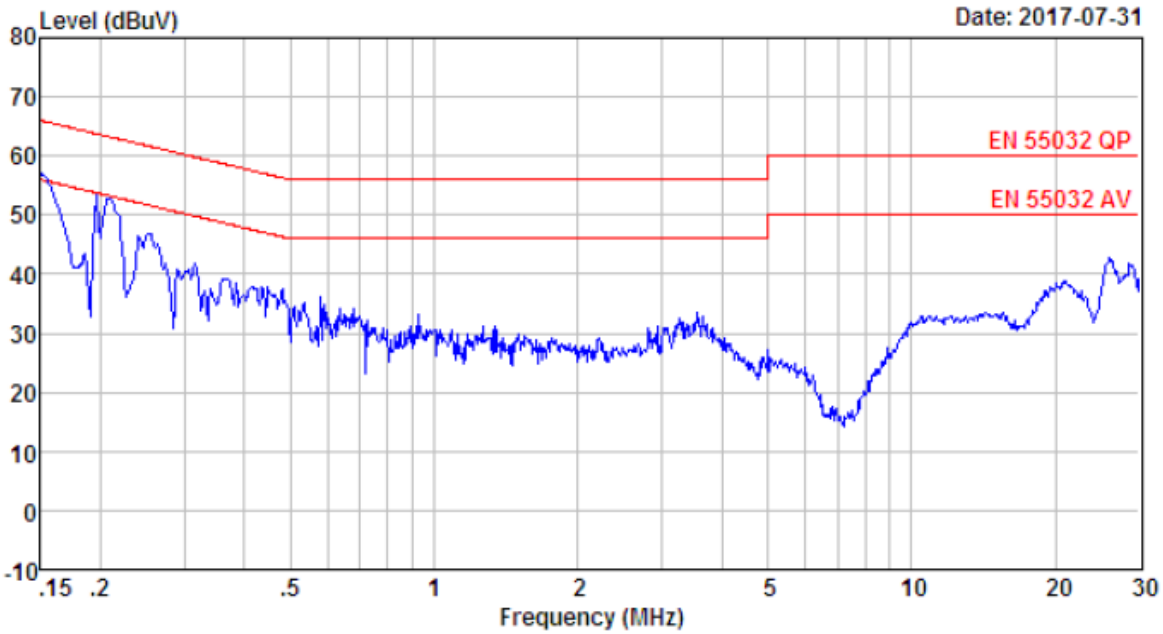

```
Site no      : 2# Contuction Shield Room          Data no.    : 265
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



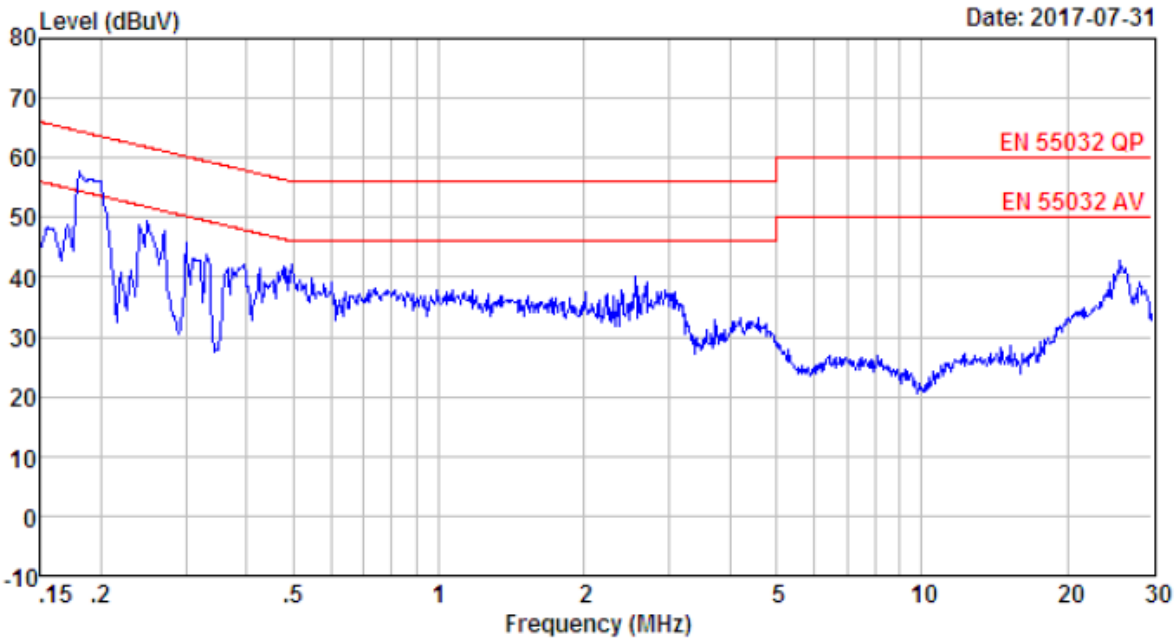

```
Site no      : 2# Contuction Shield Room          Data no.   : 267
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



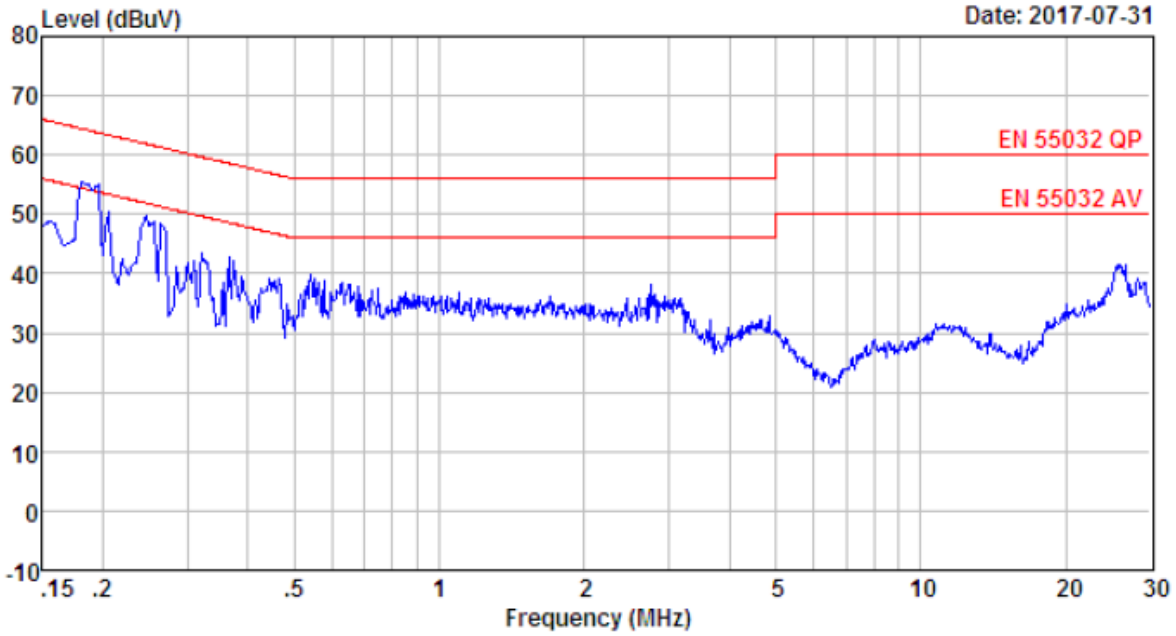

```
Site no      : 2# Contuction Shield Room          Data no.    : 269
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



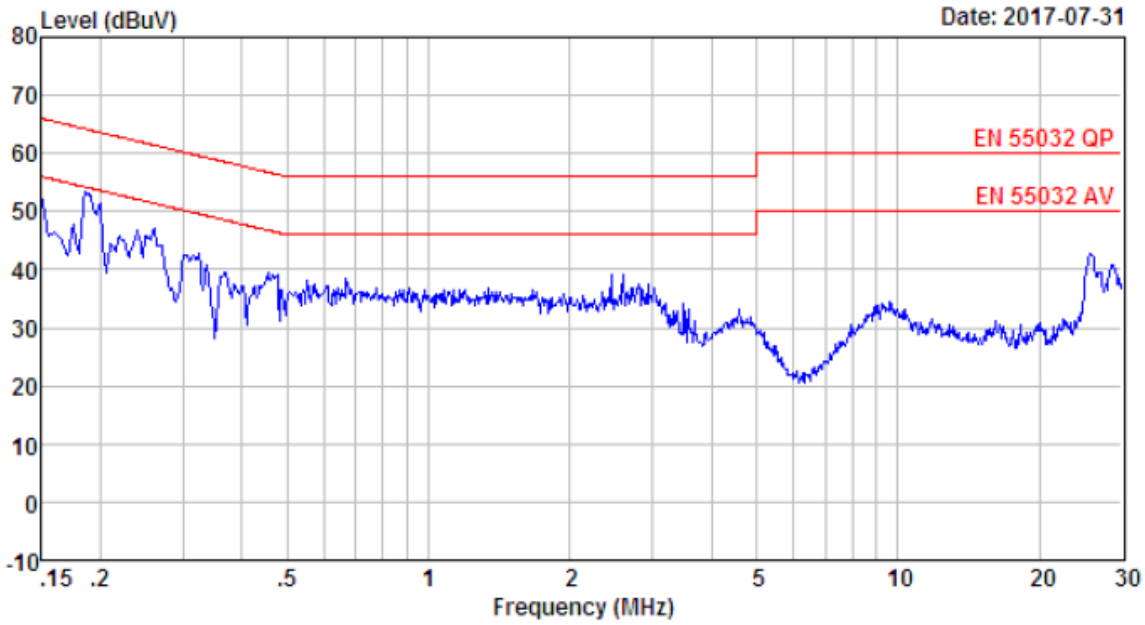

```
Site no      : 2# Contuction Shield Room          Data no.    : 271
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



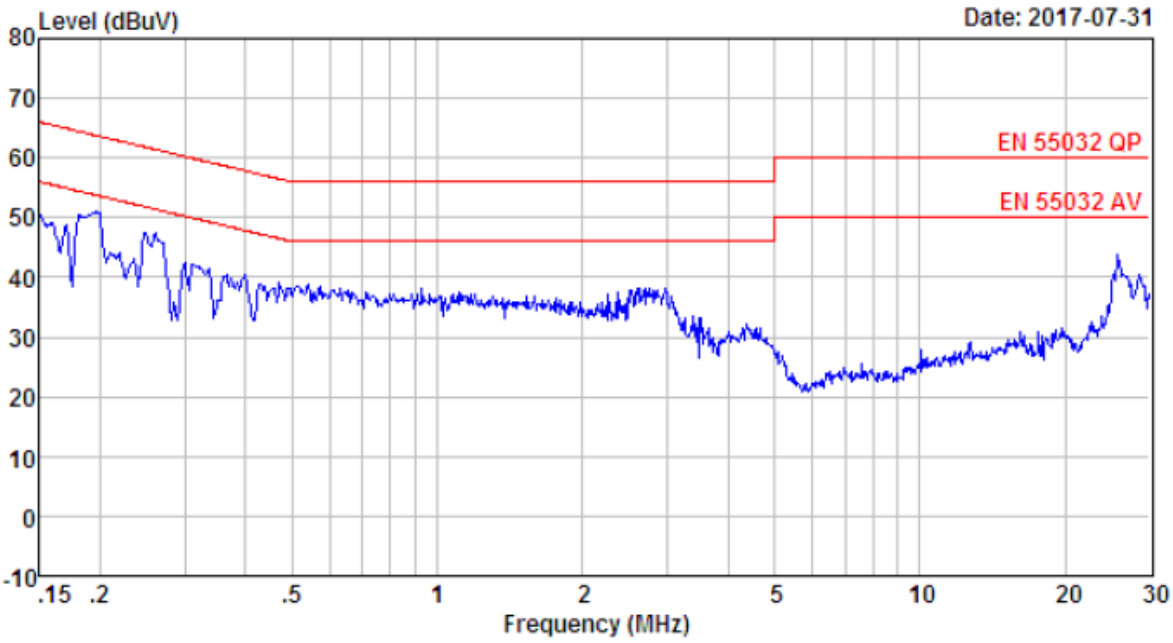

```
Site no      : 2# Contuction Shield Room          Data no.    : 273
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



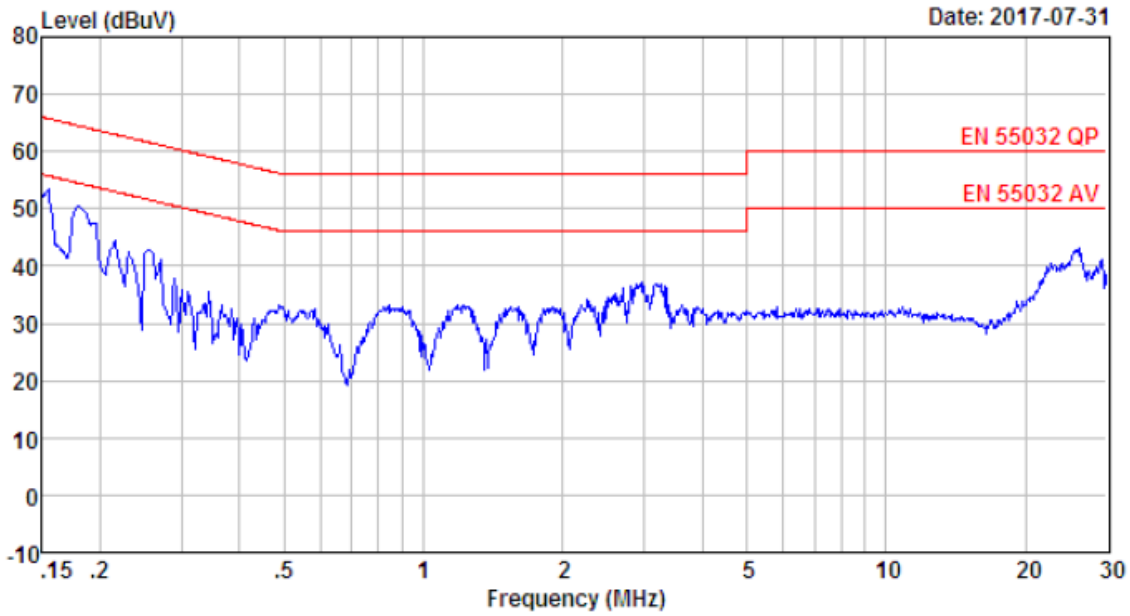
Site no : 2# Contuction Shield Room Data no. : 275
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20170906000
Test Mode : Full Load(Output:9V/6A)
Y+Y



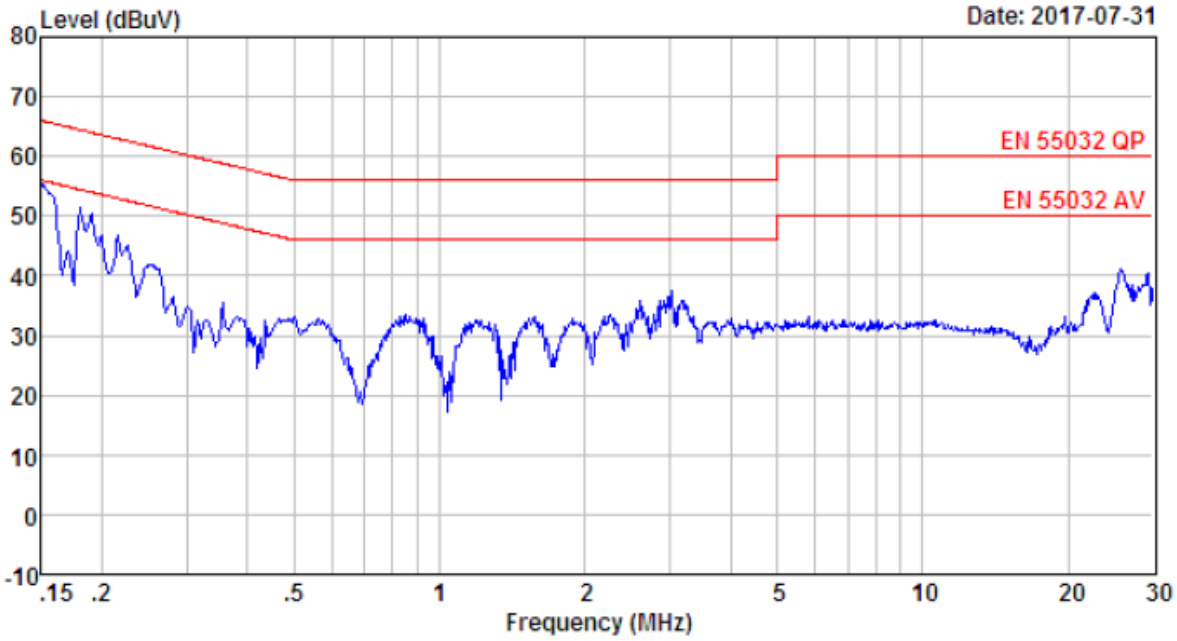

```
Site no      : 2# Contuction Shield Room          Data no.   : 277
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



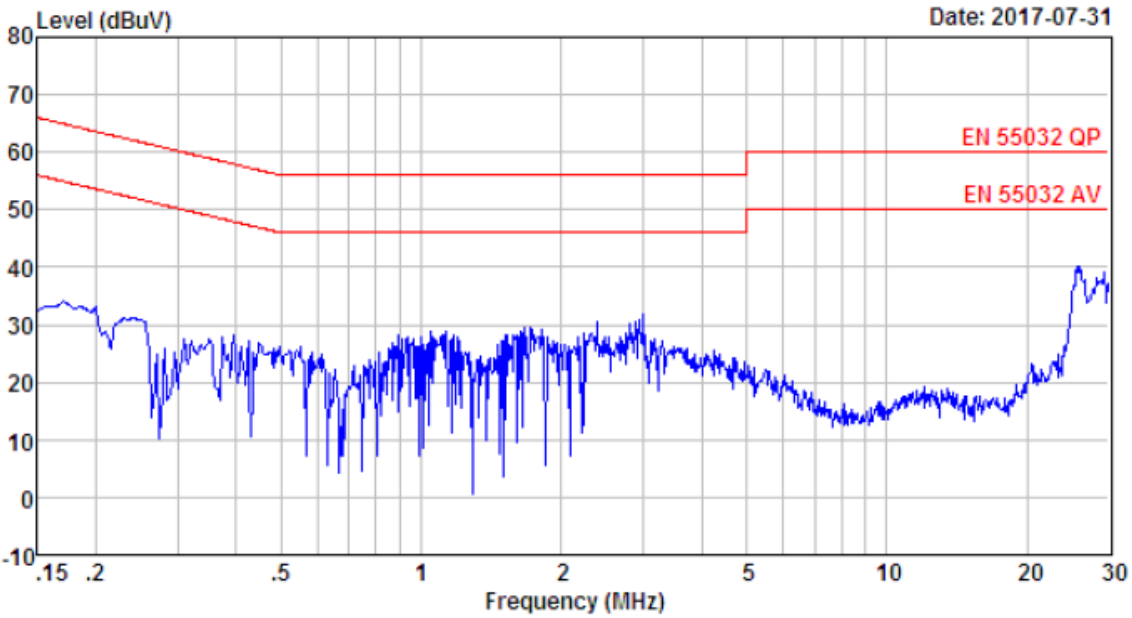
Site no : 2# Contuction Shield Room Data no. : 279
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20170906000
Test Mode : Full Load(Output:9V/6A)
Y+Y



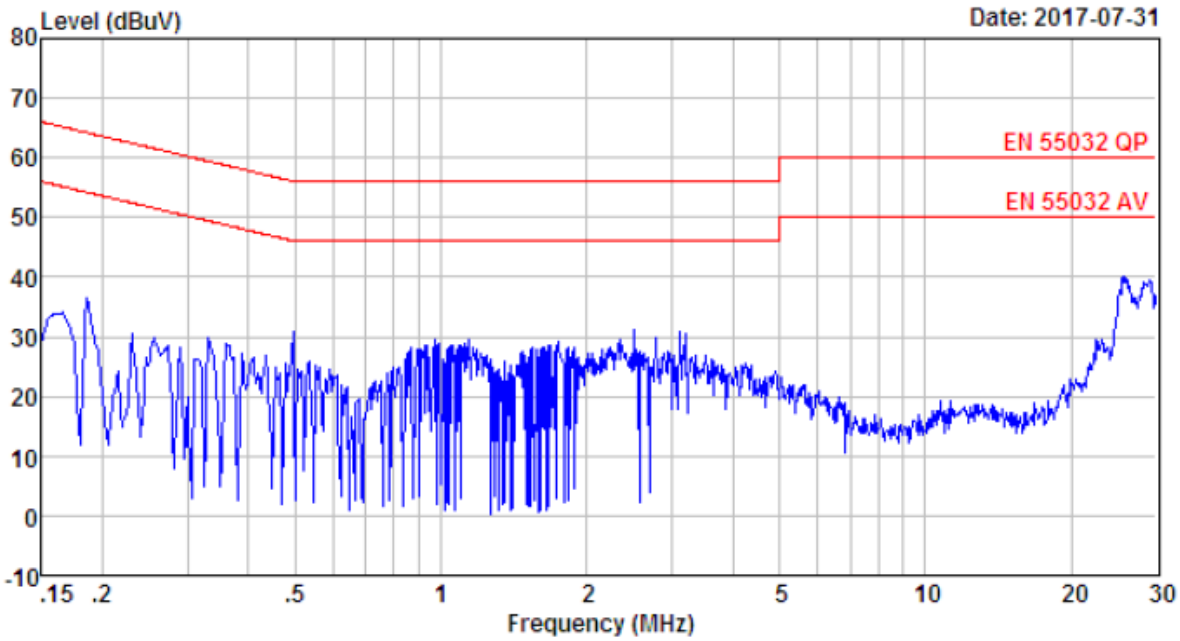
Site no : 2# Contuction Shield Room Data no. : 281
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : Half Load(Output:54V/0.6A)
Y+Y



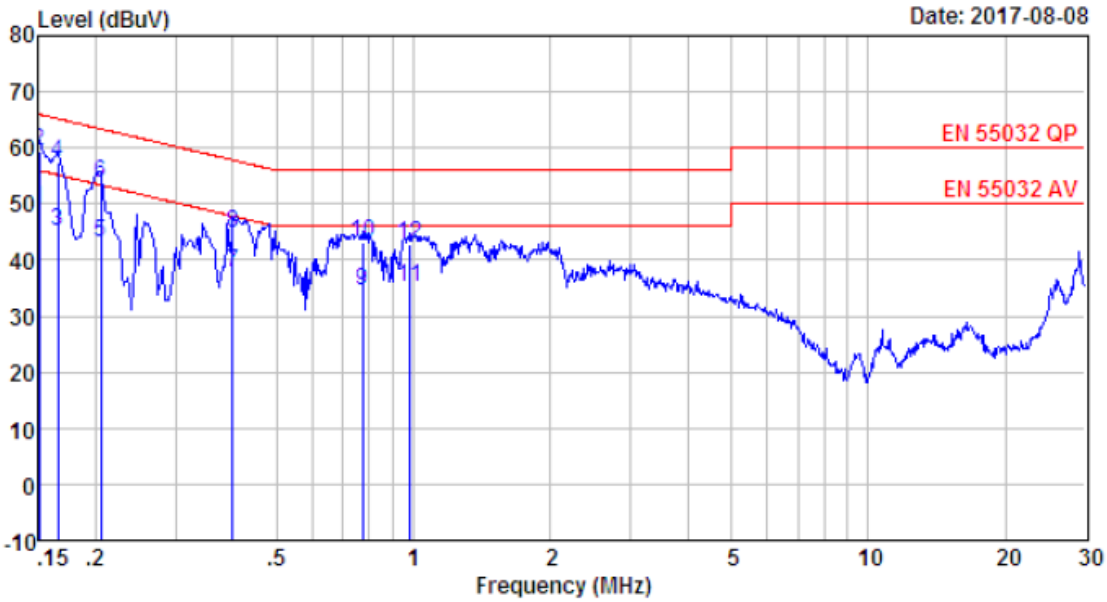

```
Site no      : 2# Contuction Shield Room          Data no.    : 283
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200
Test Mode    : Half Load(Output:54V/0.6A)
               Y+Y
```




```
Site no      : 2# Contuction Shield Room          Data no.   : 285
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200
Test Mode    : No Load
               Y+Y
```

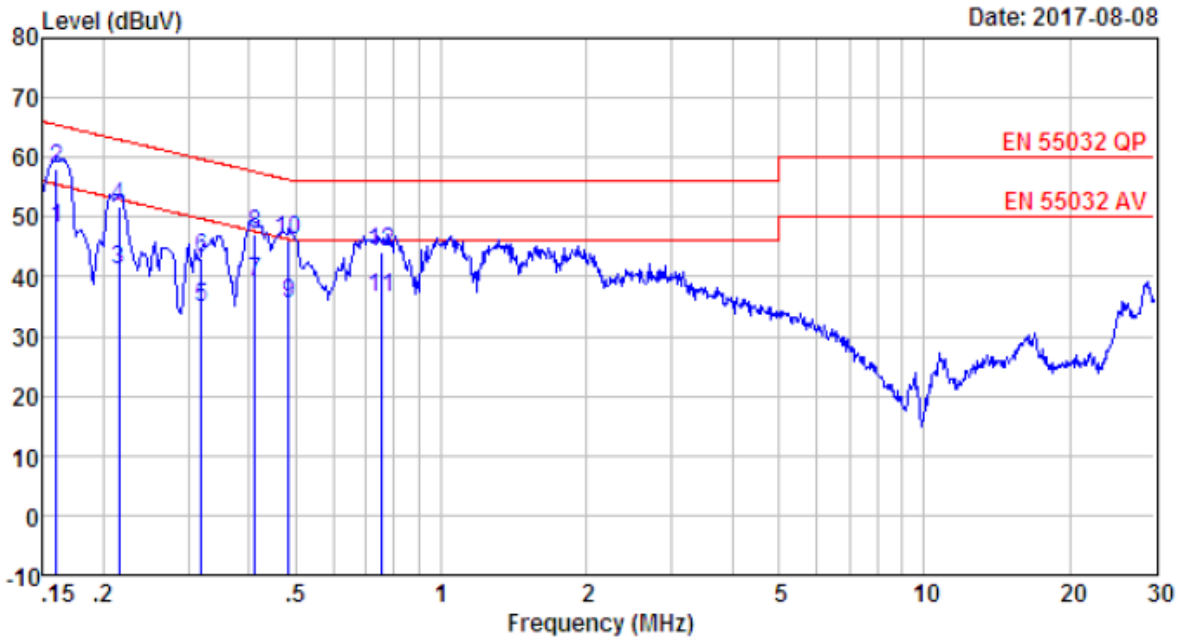



```
Site no      : 2# Contuction Shield Room          Data no.    : 287
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200
Test Mode    : No Load
               Y+Y
```



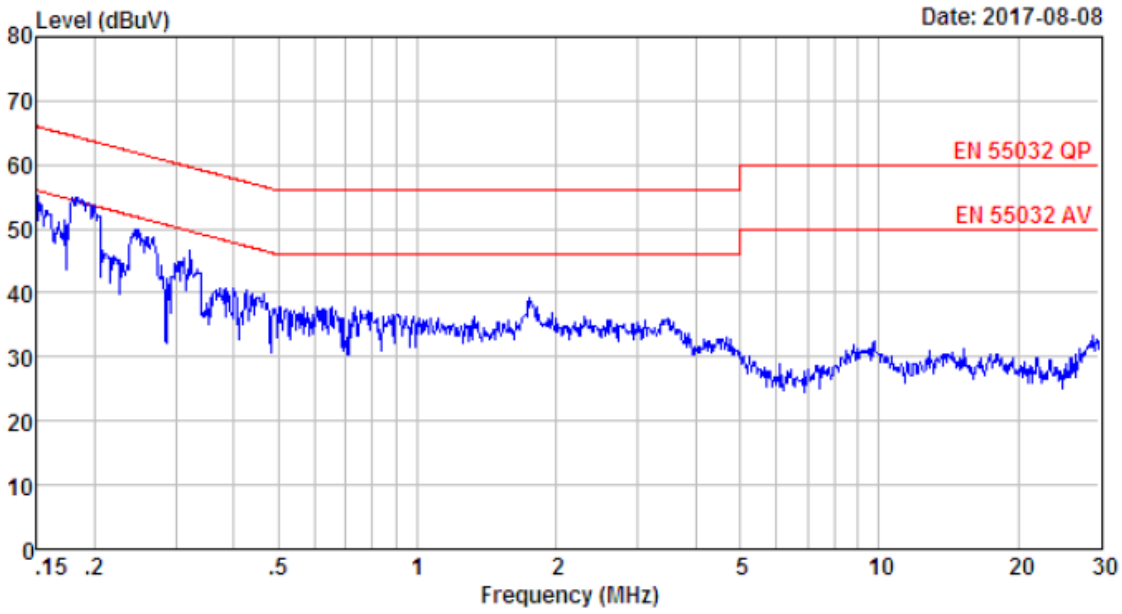
Site no : 2# Contuction Shield Room Data no. : 33
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : Full Load(Output:54V/1.2A)
Y+Y

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.15	9.61	9.81	29.58	49.00	56.00	7.00	Average
2	0.15	9.61	9.81	39.92	59.34	66.00	6.66	QP
3	0.17	9.61	9.81	25.58	45.00	55.21	10.21	Average
4	0.17	9.61	9.81	37.92	57.34	65.21	7.87	QP
5	0.21	9.61	9.80	23.81	43.22	53.40	10.18	Average
6	0.21	9.61	9.80	34.47	53.88	63.40	9.52	QP
7	0.40	9.61	9.82	18.34	37.77	47.86	10.09	Average
8	0.40	9.61	9.82	25.47	44.90	57.86	12.96	QP
9	0.77	9.60	9.81	15.03	34.44	46.00	11.56	Average
10	0.77	9.60	9.81	23.69	43.10	56.00	12.90	QP
11	0.98	9.64	9.83	15.75	35.22	46.00	10.78	Average
12	0.98	9.64	9.83	23.25	42.72	56.00	13.28	QP

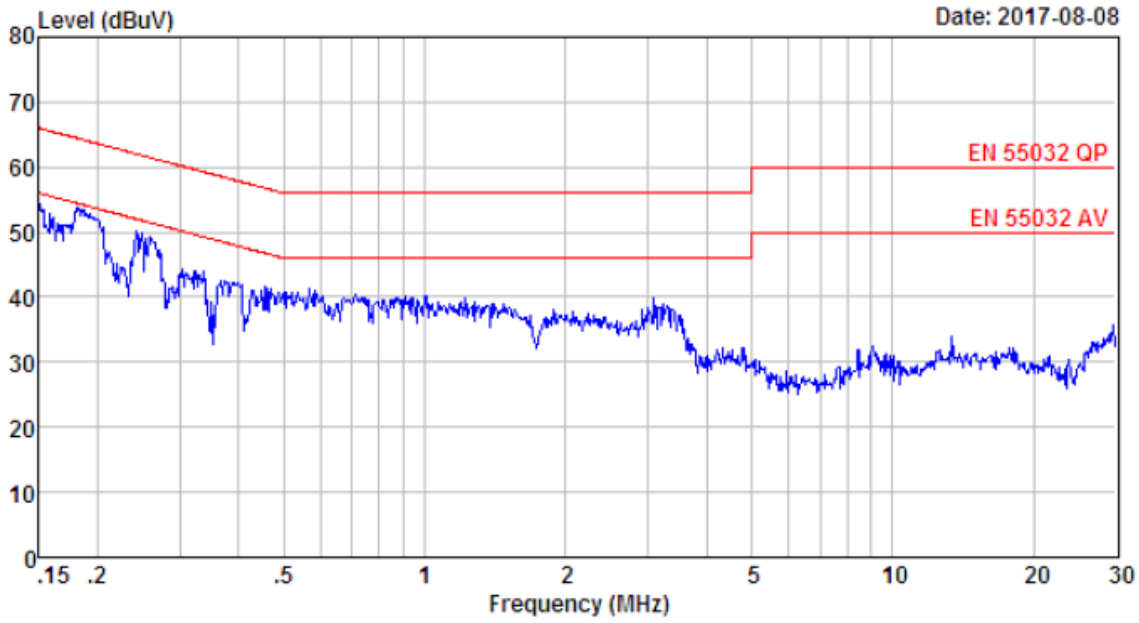


Site no : 2# Contuction Shield Room Data no. : 35
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : Full Load(Output:54V/1.2A)
Y+Y

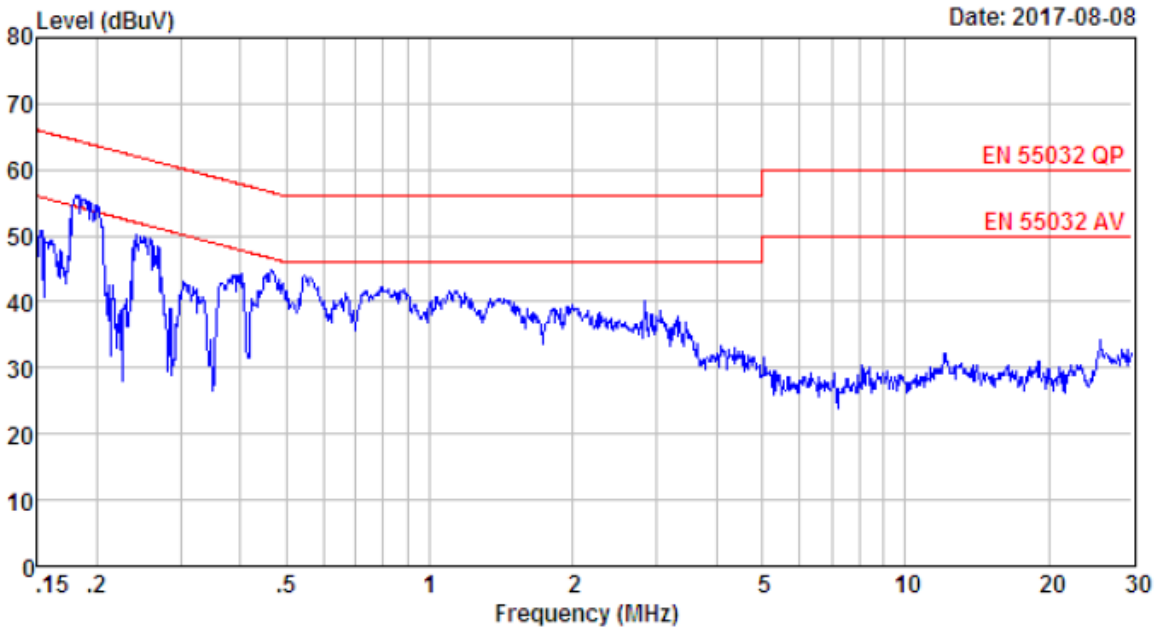
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.16	9.49	9.81	28.70	48.00	55.47	7.47	Average
2	0.16	9.49	9.81	38.70	58.00	65.47	7.47	QP
3	0.22	9.60	9.80	21.60	41.00	53.01	12.01	Average
4	0.22	9.60	9.80	32.52	51.92	63.01	11.09	QP
5	0.32	9.59	9.83	15.58	35.00	49.75	14.75	Average
6	0.32	9.59	9.83	23.58	43.00	59.75	16.75	QP
7	0.41	9.59	9.82	19.59	39.00	47.59	8.59	Average
8	0.41	9.59	9.82	27.70	47.11	57.59	10.48	QP
9	0.48	9.59	9.81	16.05	35.45	46.27	10.82	Average
10	0.48	9.59	9.81	26.64	46.04	56.27	10.23	QP
11	0.75	9.63	9.81	17.16	36.60	46.00	9.40	Average
12	0.75	9.63	9.81	24.67	44.11	56.00	11.89	QP



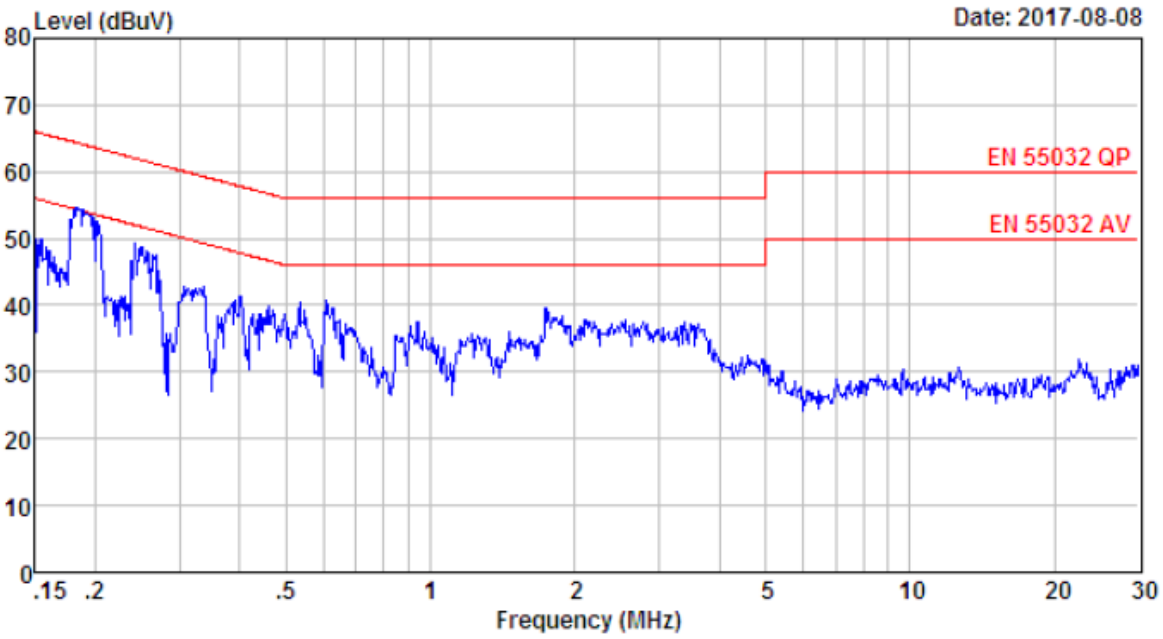

```
Site no      : 844 Shield Room                      Data no.    : 1
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y
```



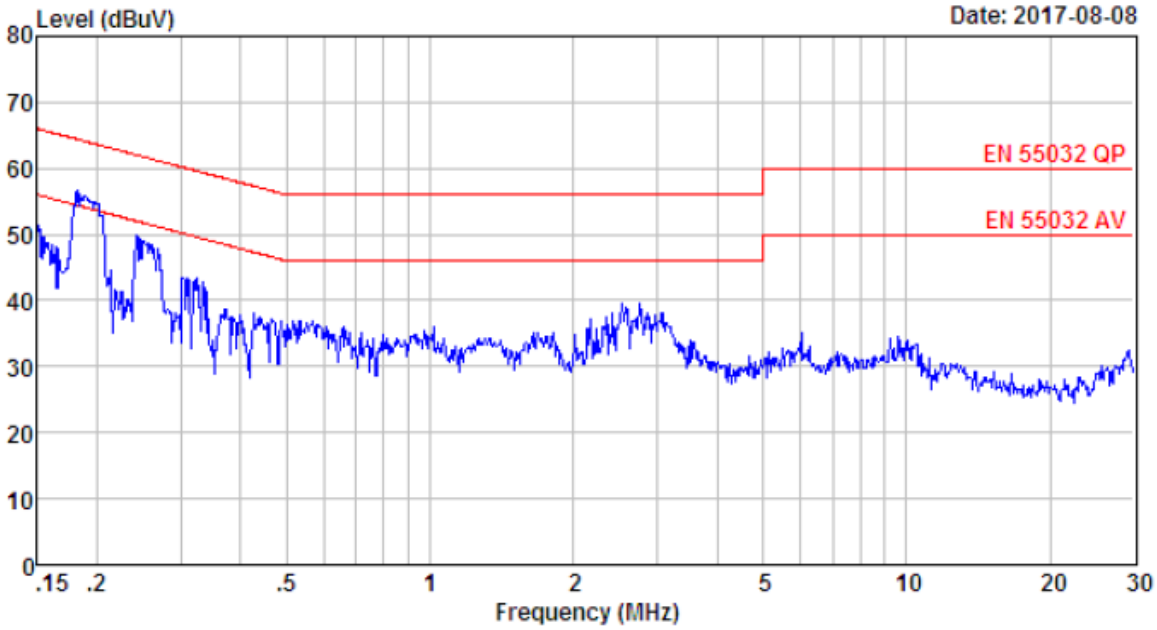

```
Site no      : 844 Shield Room                      Data no.    : 3
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y
```



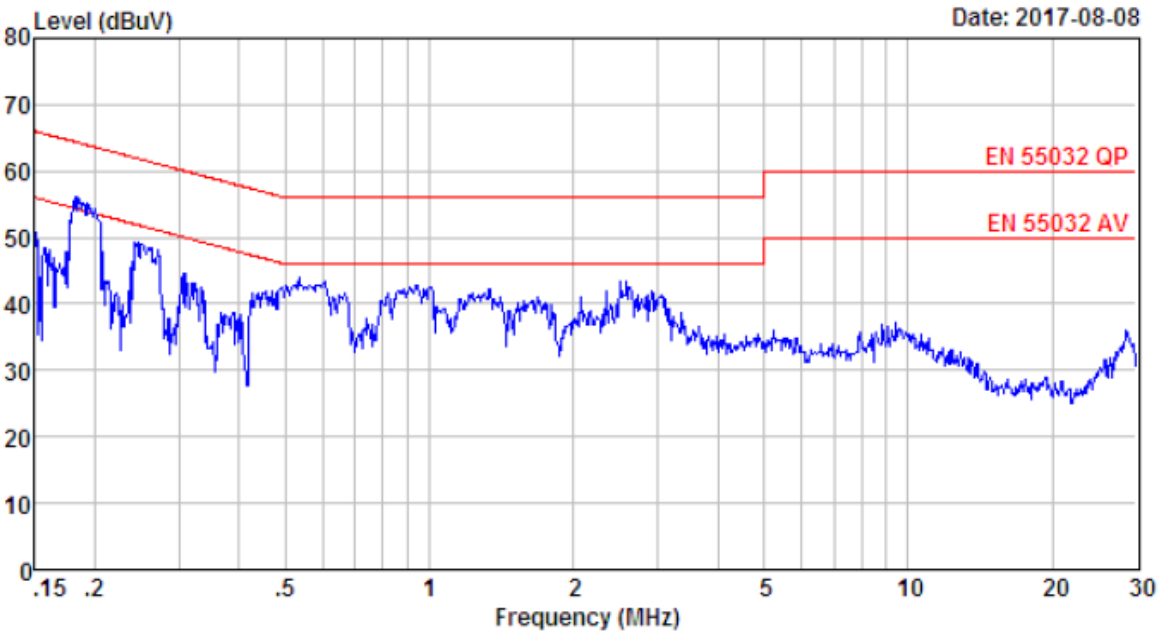

```
Site no      : 844 Shield Room                      Data no.    : 5
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y
```



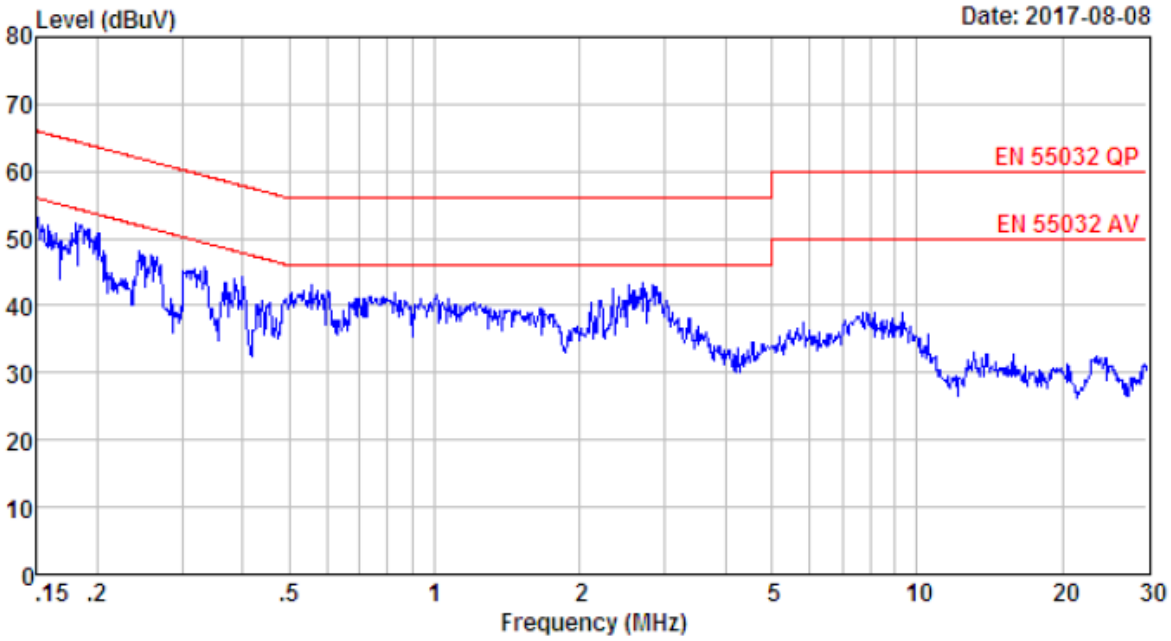

```
Site no      : 844 Shield Room                    Data no.    : 7
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y
```



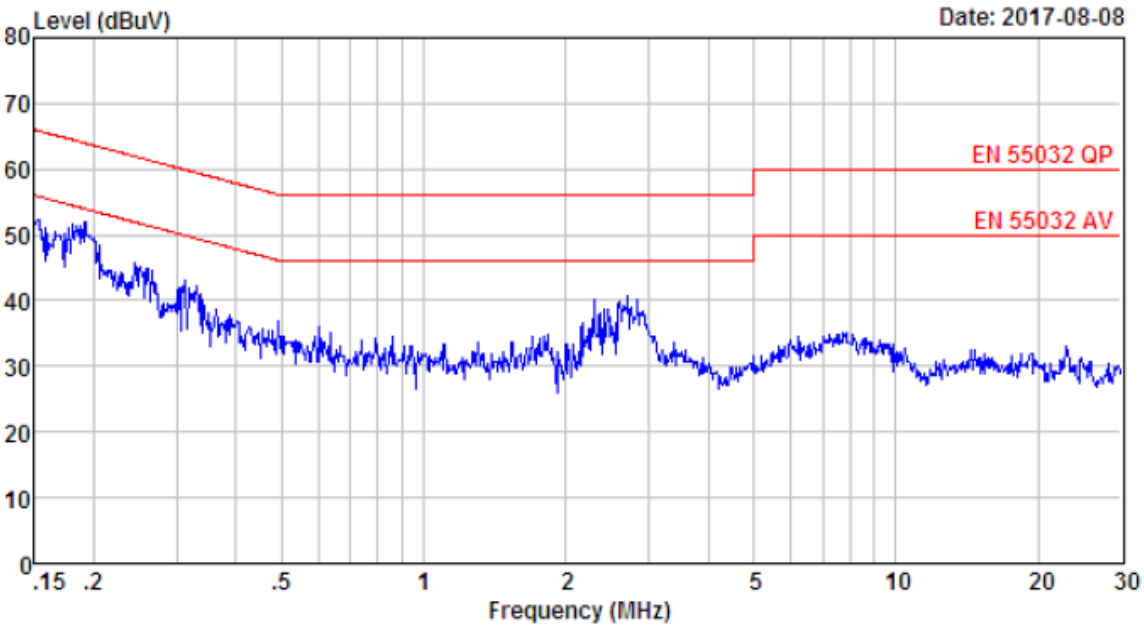

```
Site no      : 844 Shield Room                      Data no.    : 9
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000D
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```



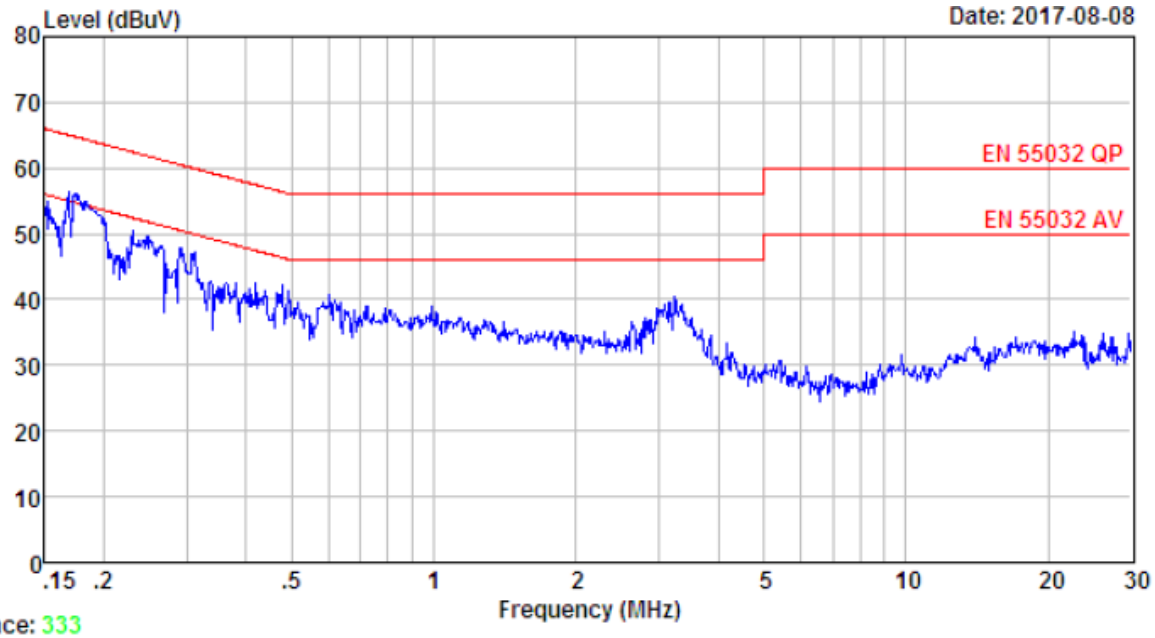
Site no	: 844 Shield Room	Data no.	: 11
Env. / Ins.	: Temp:24.5'C Humi:48% Press:101.50kPa	LINE Phase	: LINE
Limit	: EN 55032 QP		
Engineer	: Sid		
EUT	: Switching Adaptor		
Power	: AC 230V/50Hz		
M/N	: FJ-SW20171086000D		
Test Mode	: Full Load(Output:10.8V/6A)		
	Y		




```
Site no      : 844 Shield Room                    Data no.    : 13
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000D
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```

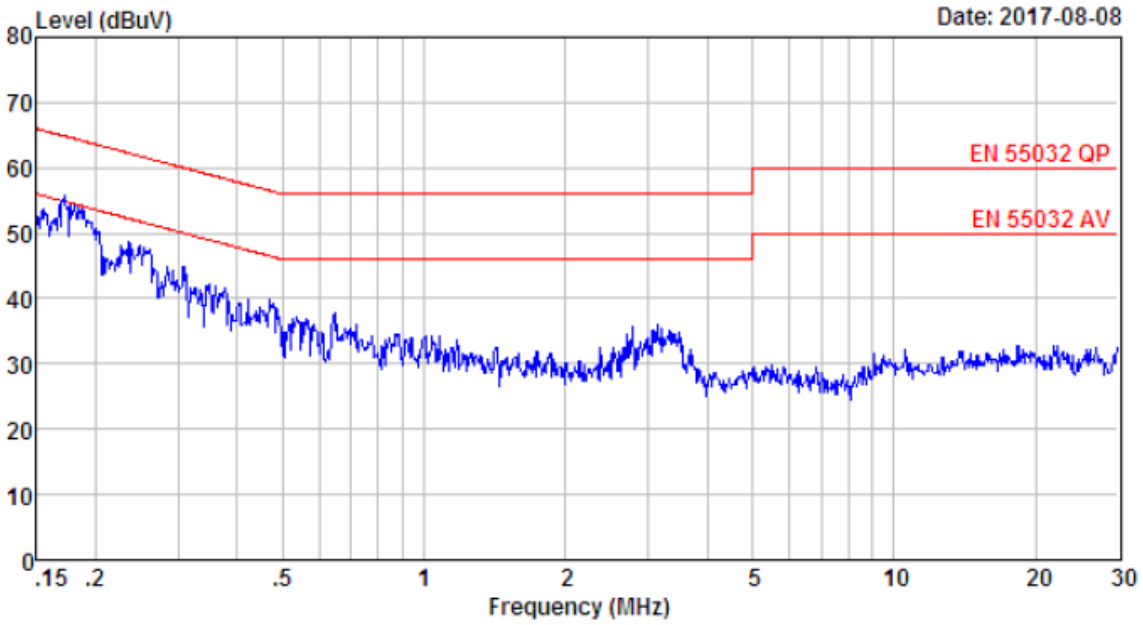



```
Site no      : 844 Shield Room                    Data no.    : 15
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000D
Test Mode    : Full Load(Output:10.8V/6A)
               Y
```

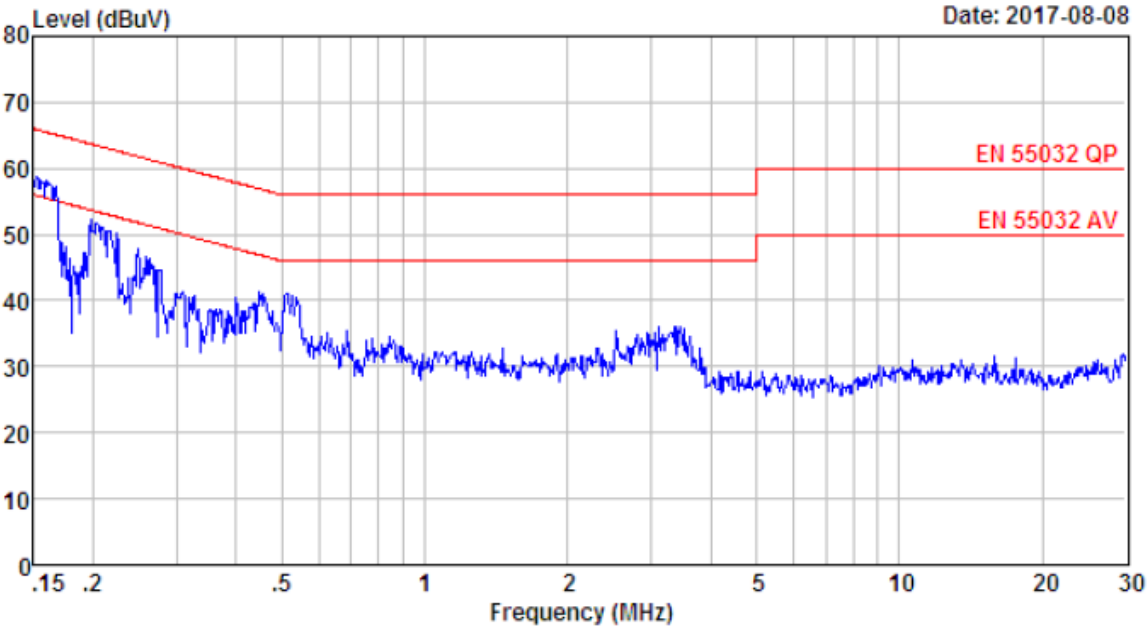


Trace: 333

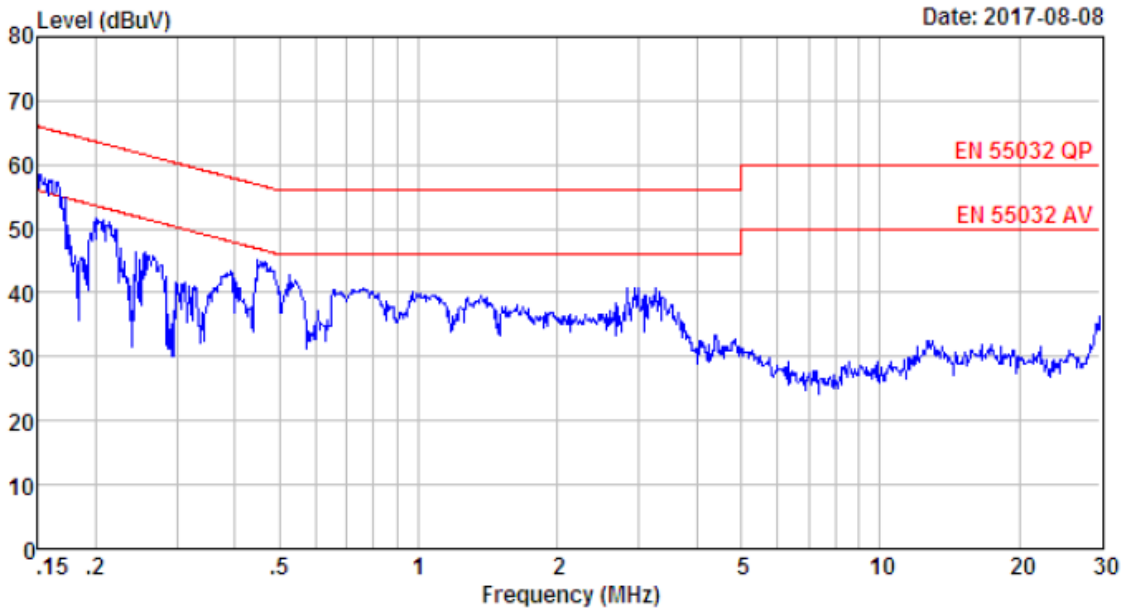
```
Site no       : 844 Shield Room                      Data no.    : 17
Env. / Ins.   : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit         : EN 55032 QP
Engineer      : Sid
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20173301970D
Test Mode     : Full Load(Output:33V/1.97A)
                Y
```



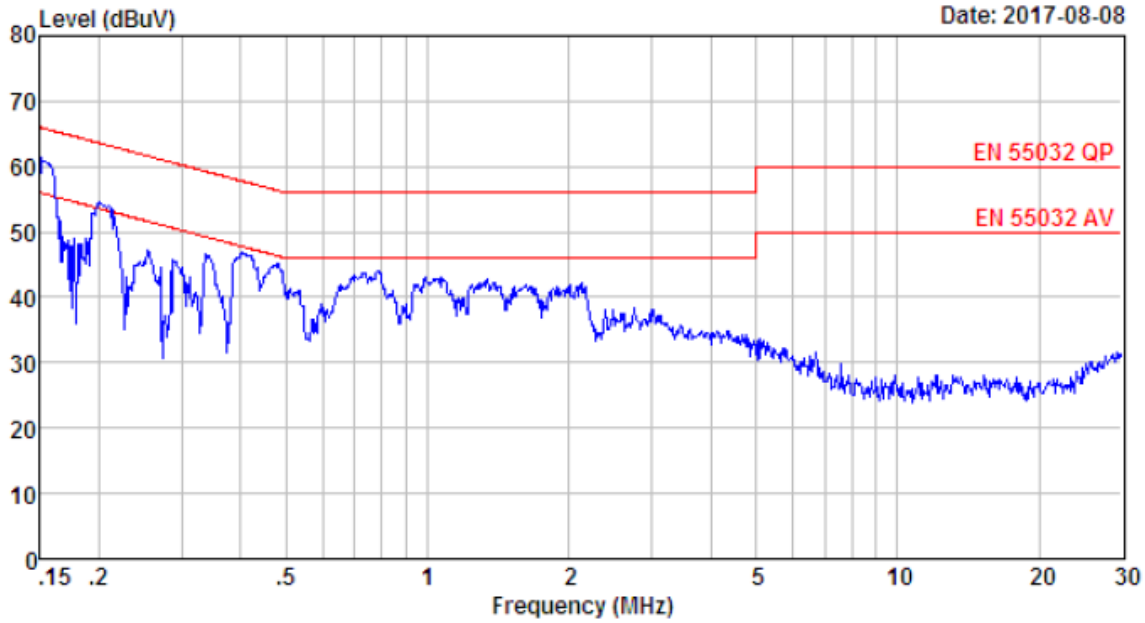

```
Site no      : 844 Shield Room                      Data no.    : 19
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



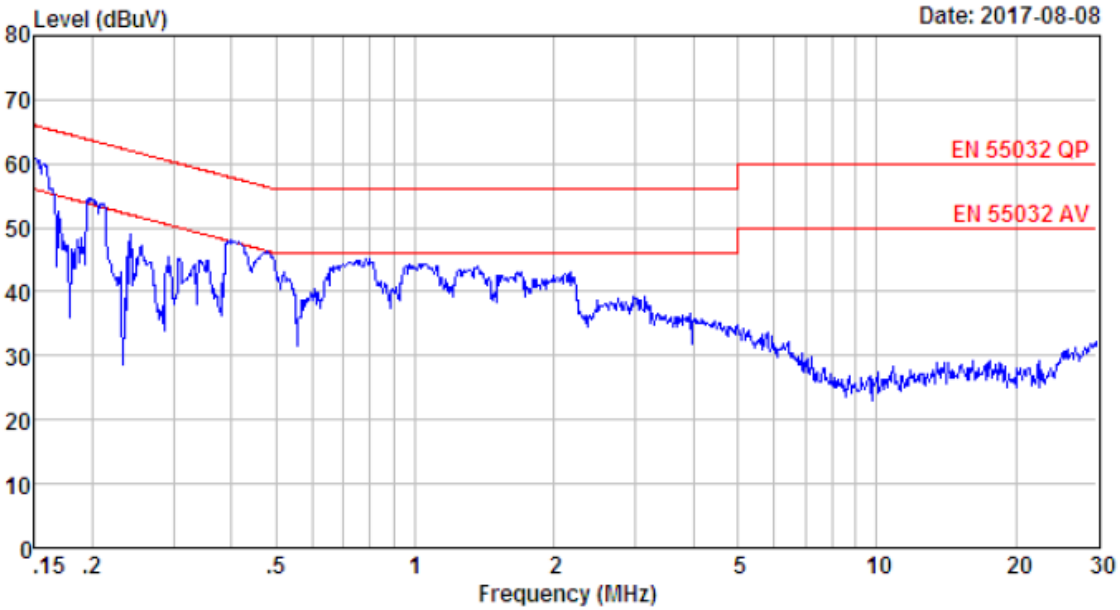

```
Site no      : 844 Shield Room                    Data no.    : 21
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



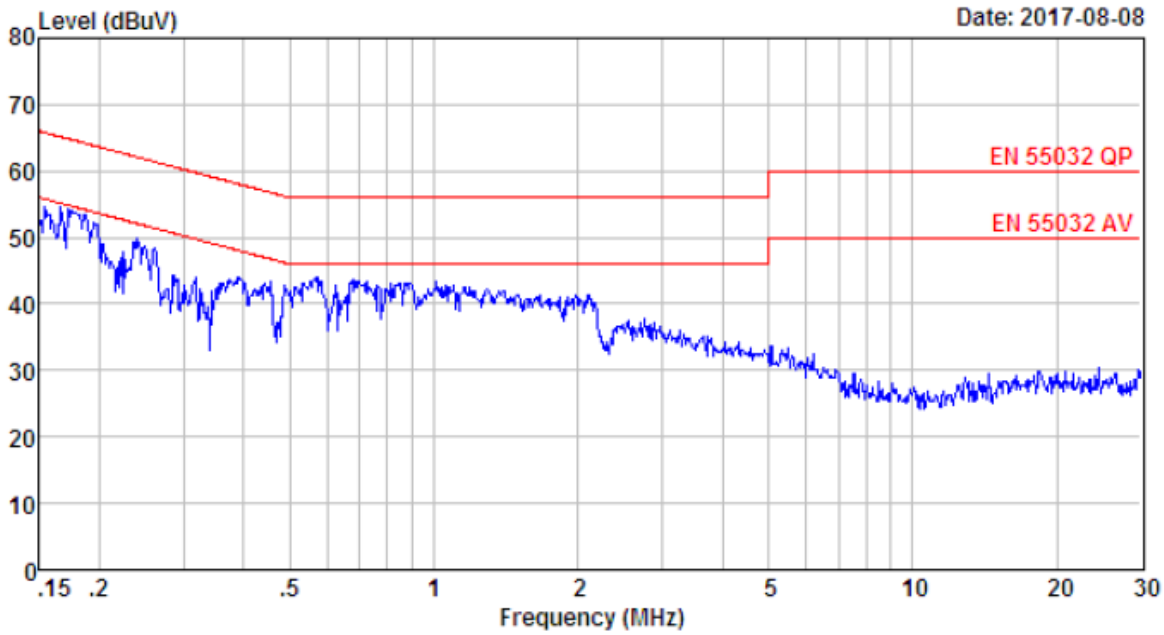

```
Site no      : 844 Shield Room                    Data no.    : 23
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y
```



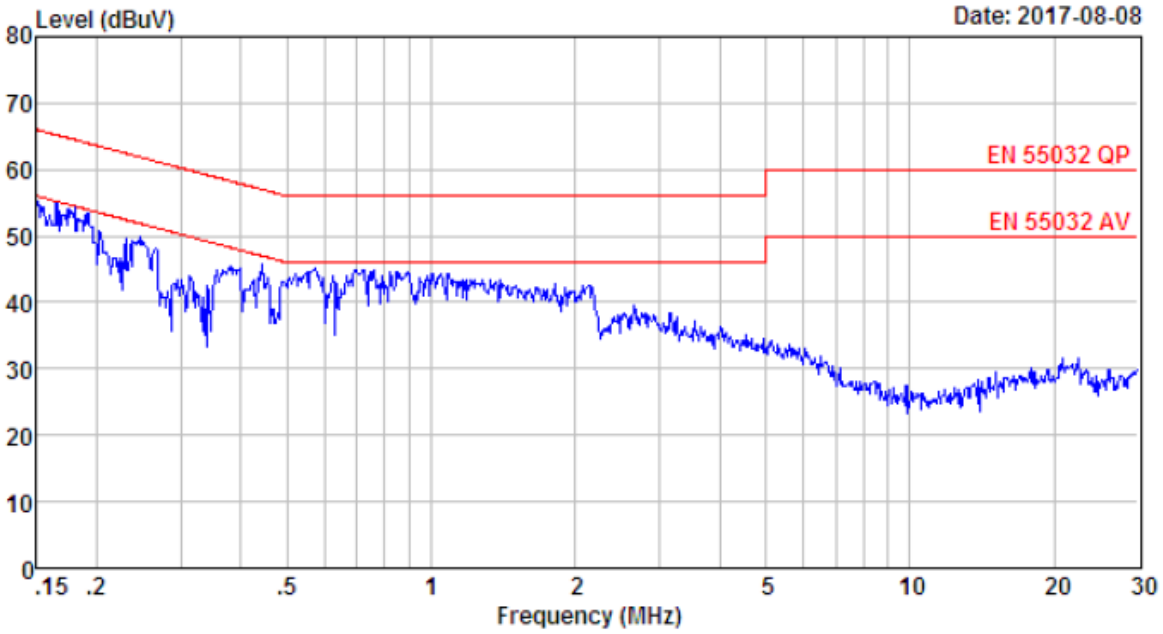

```
Site no      : 844 Shield Room                      Data no.   : 25
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200D
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



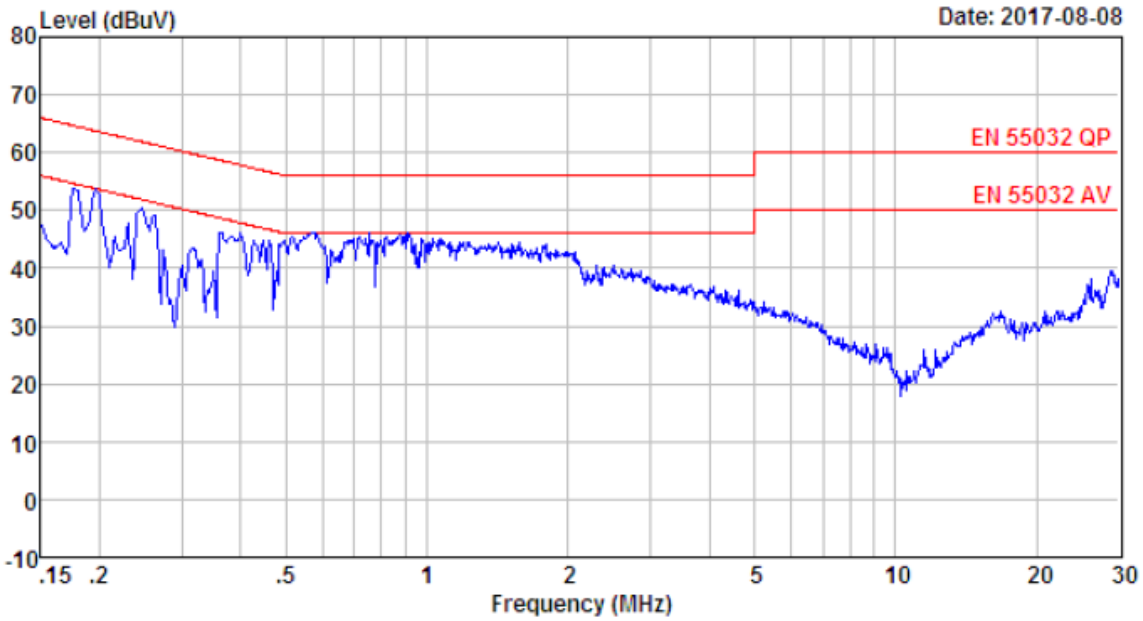

```
Site no      : 844 Shield Room                      Data no.    : 27
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200D
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



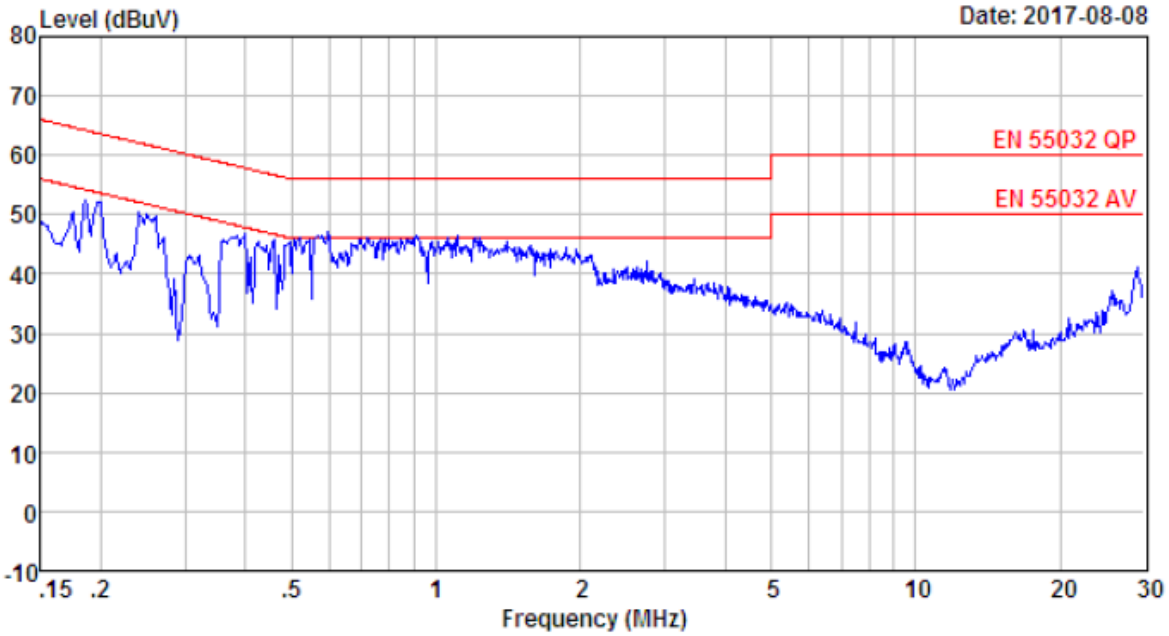

```
Site no      : 844 Shield Room                      Data no.    : 29
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200D
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



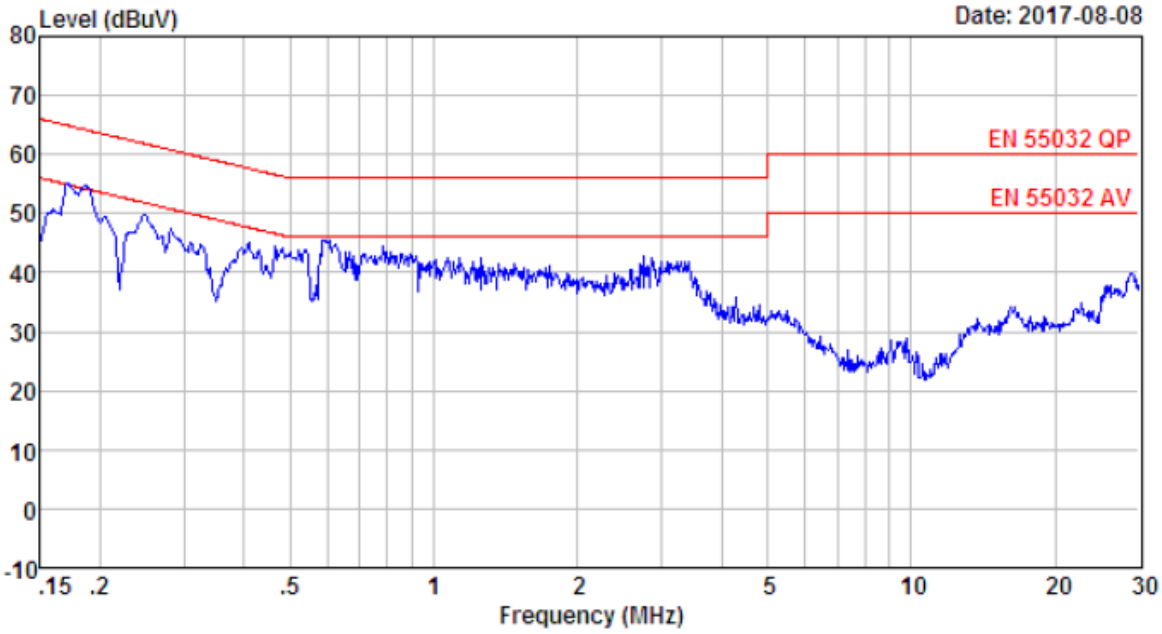

```
Site no      : 844 Shield Room                    Data no.    : 31
Env. / Ins.  : Temp:24.5'C Humi:48% Press:101.50kPa LINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200D
Test Mode    : Full Load(Output:54V/1.2A)
               Y
```



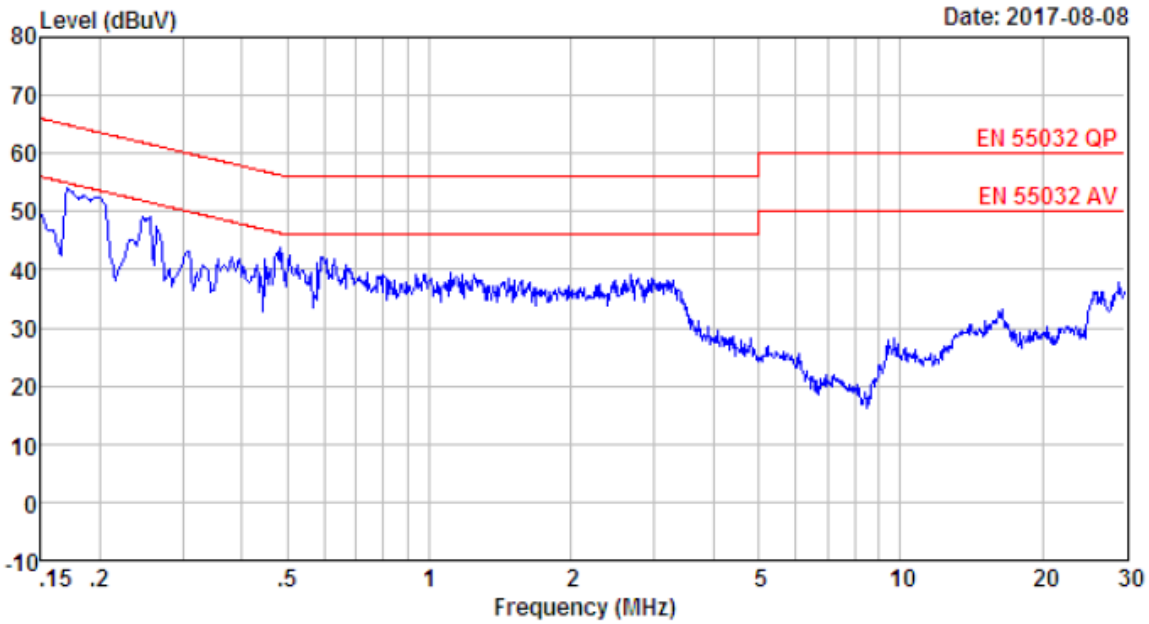

```
Site no      : 2# Contuction Shield Room          Data no.    : 37
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20175401200D
Test Mode    : Full Load(Output:54V/1.2A)
               Y+Y
```



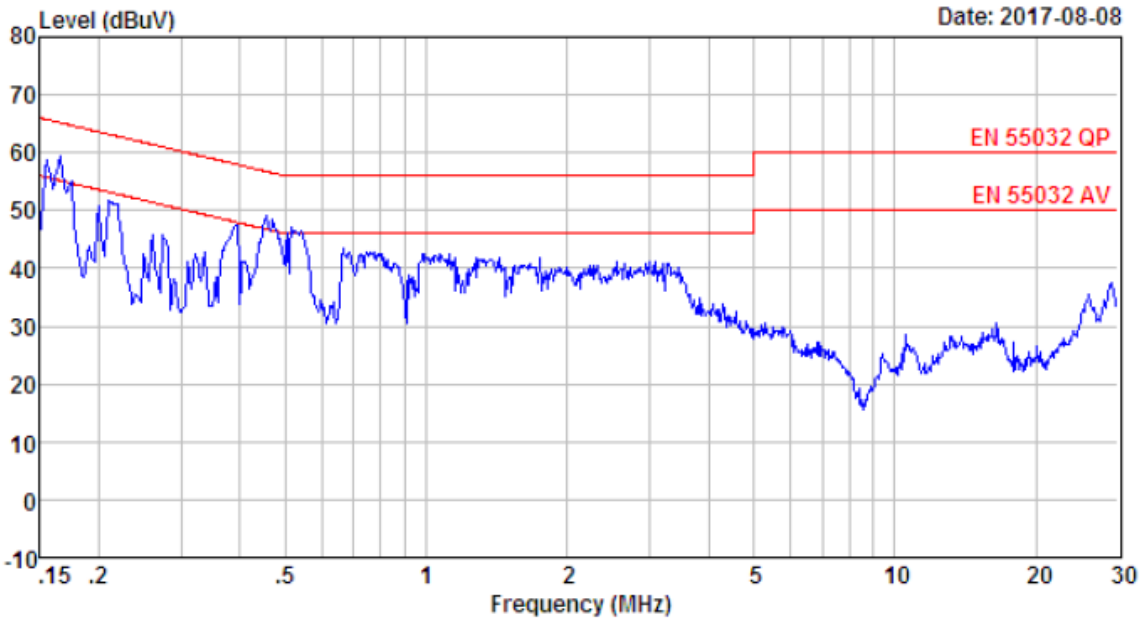
Site no : 2# Contuction Shield Room Data no. : 39
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20175401200D
Test Mode : Full Load(Output:54V/1.2A)
Y+Y



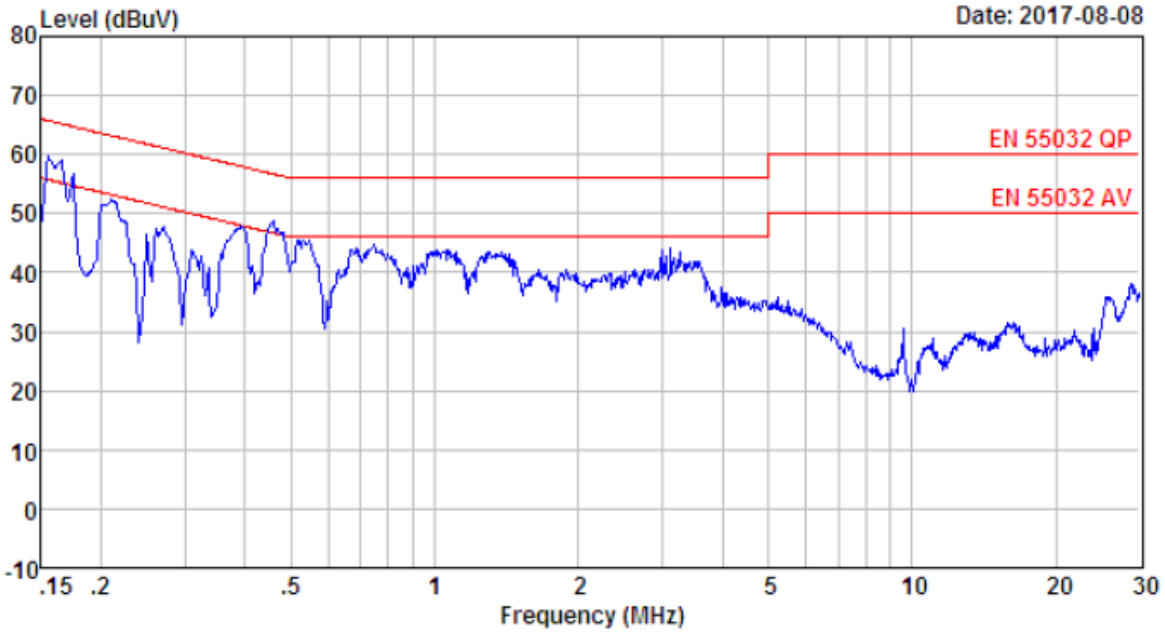

```
Site no      : 2# Contuction Shield Room          Data no.    : 41
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



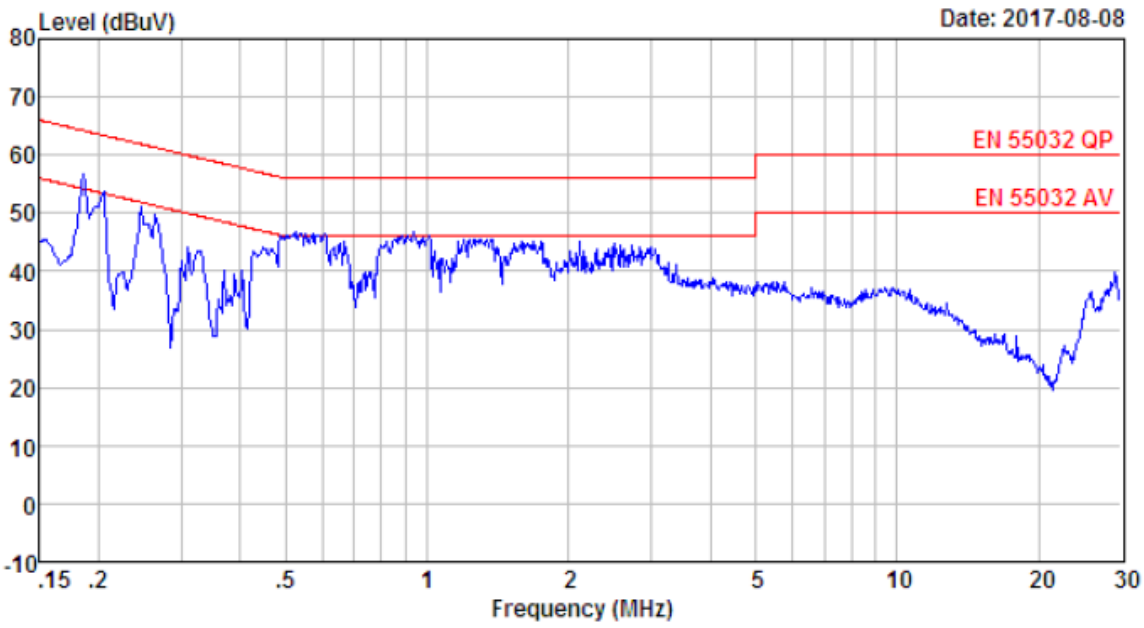

```
Site no      : 2# Contuction Shield Room          Data no.    : 43
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



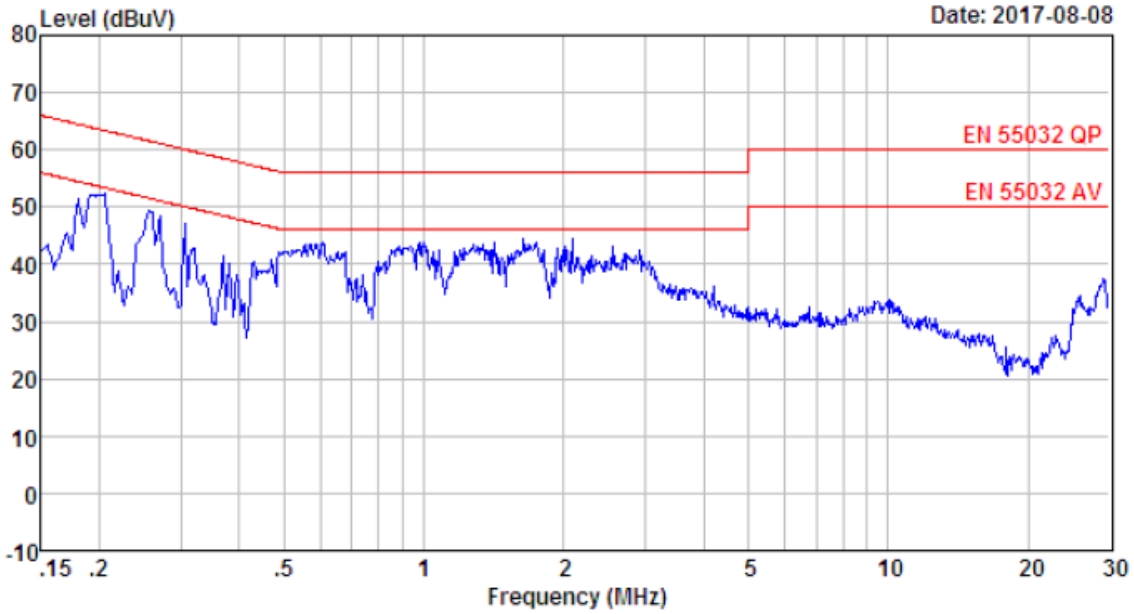
Site no : 2# Contuction Shield Room Data no. : 45
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20173301970D
Test Mode : Full Load(Output:33V/1.97A)
Y+Y



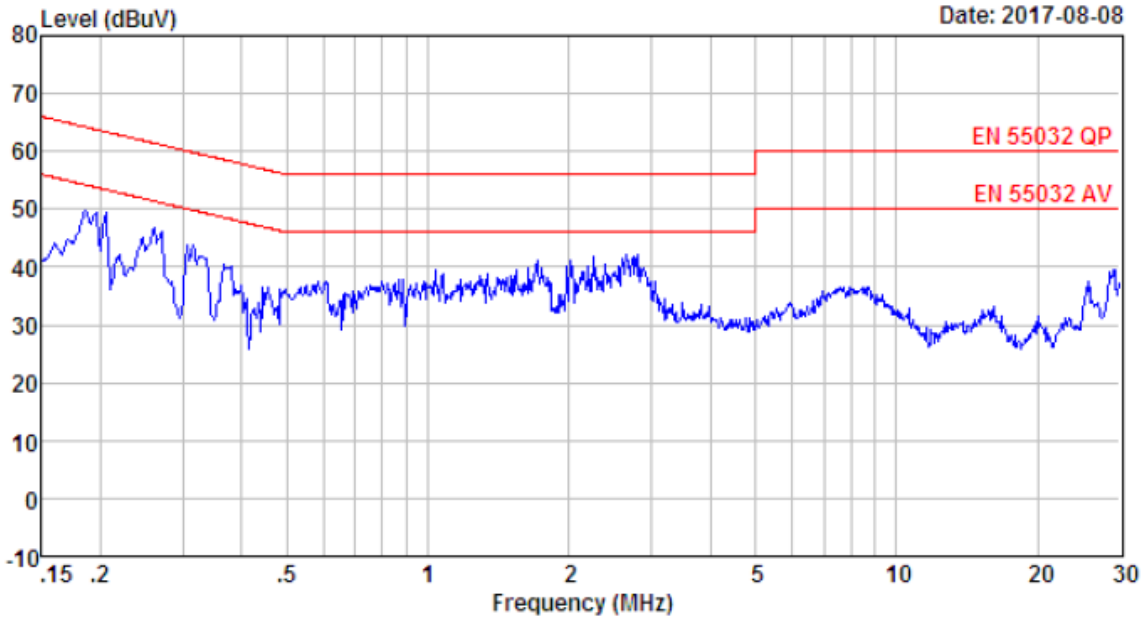

```
Site no      : 2# Contuction Shield Room          Data no.    : 47
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20173301970D
Test Mode    : Full Load(Output:33V/1.97A)
               Y+Y
```



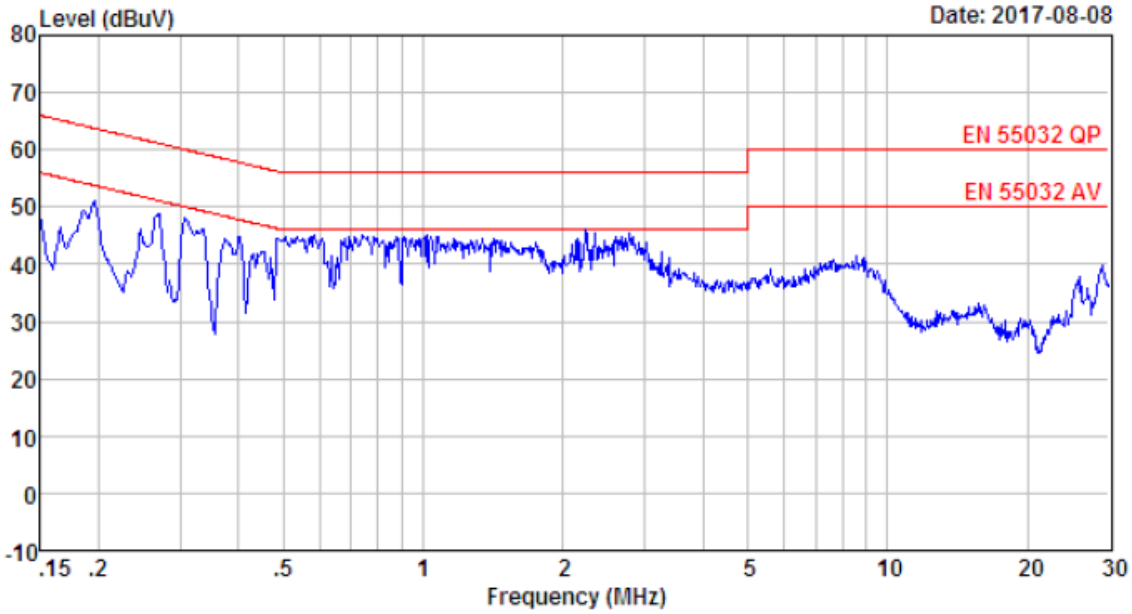
Site no : 2# Contuction Shield Room Data no. : 49
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20171086000D
Test Mode : Full Load(Output:10.8V/6A)
Y+Y



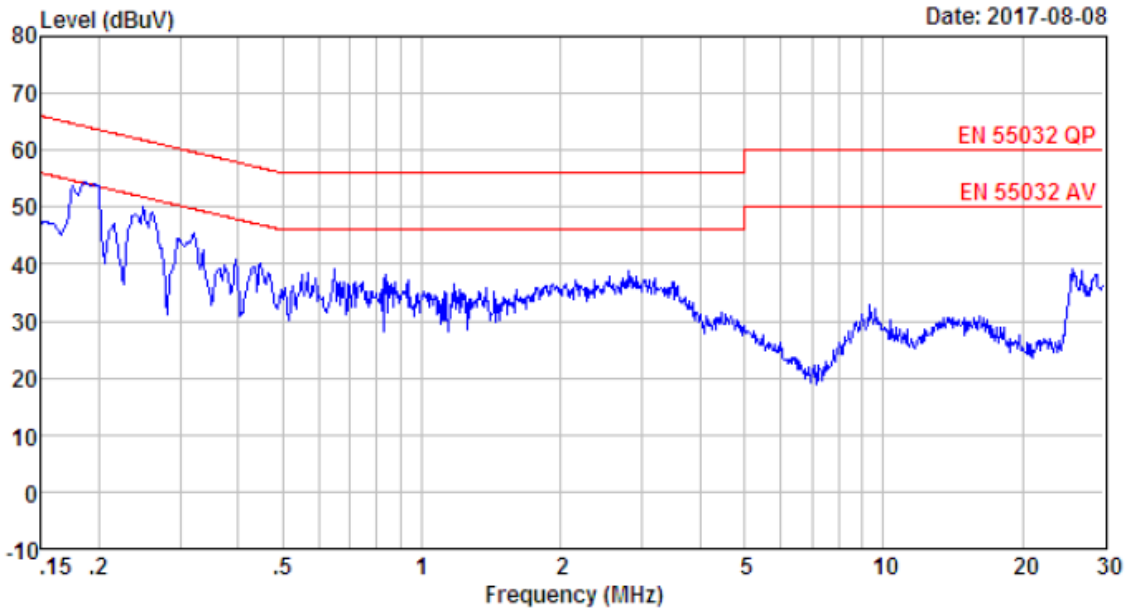

```
Site no      : 2# Contuction Shield Room          Data no.    : 51
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20171086000D
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



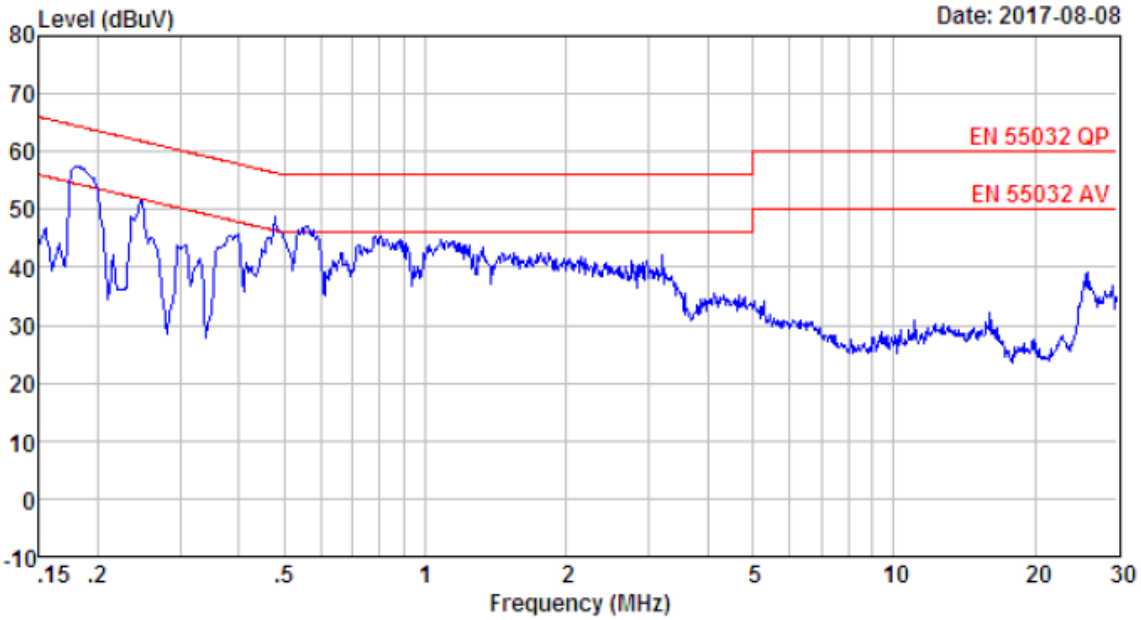

```
Site no      : 2# Contuction Shield Room            Data no.   : 53
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20171086000D
Test Mode    : Full Load(Output:10.8V/6A)
               Y+Y
```



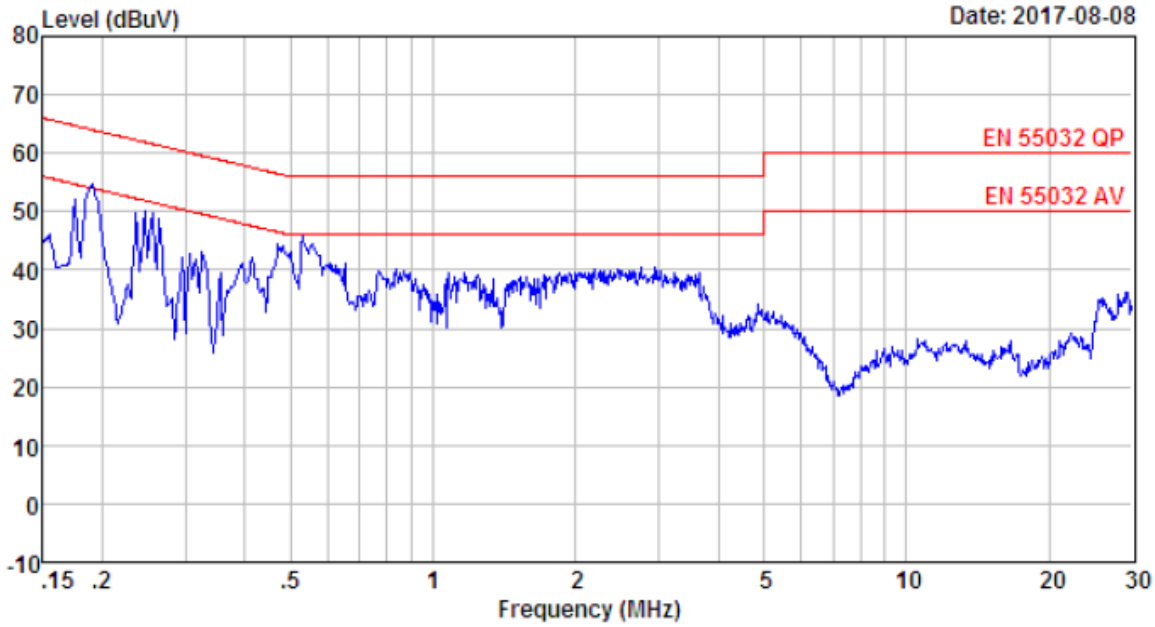
Site no : 2# Contuction Shield Room Data no. : 55
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20171086000D
Test Mode : Full Load(Output:10.8V/6A)
Y+Y



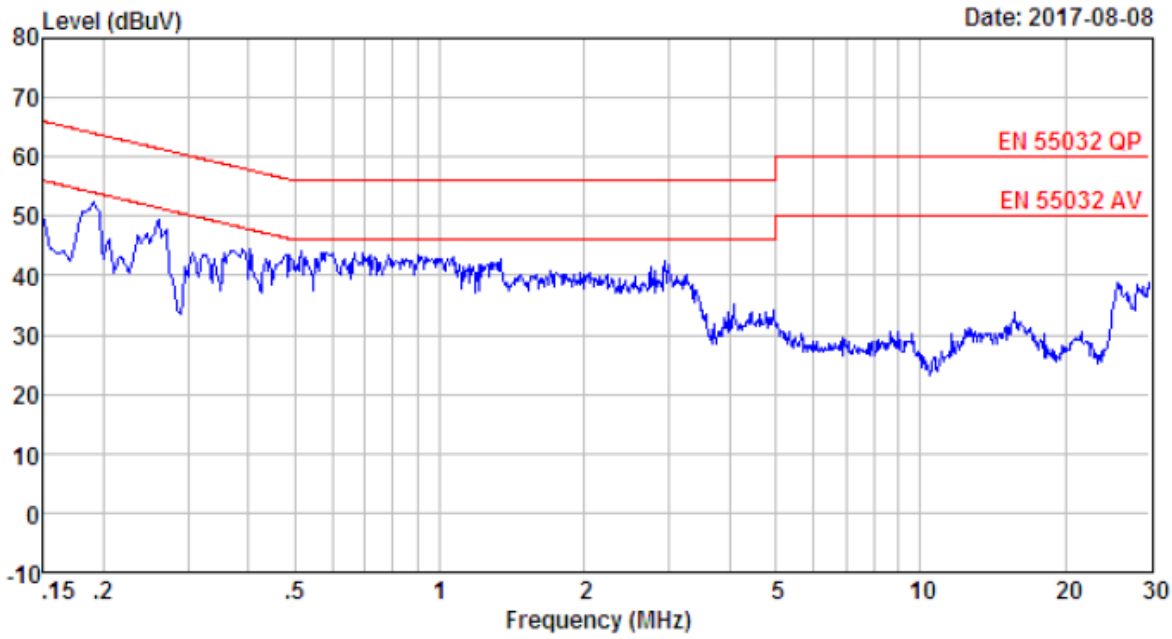

```
Site no      : 2# Contuction Shield Room          Data no.    : 57
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



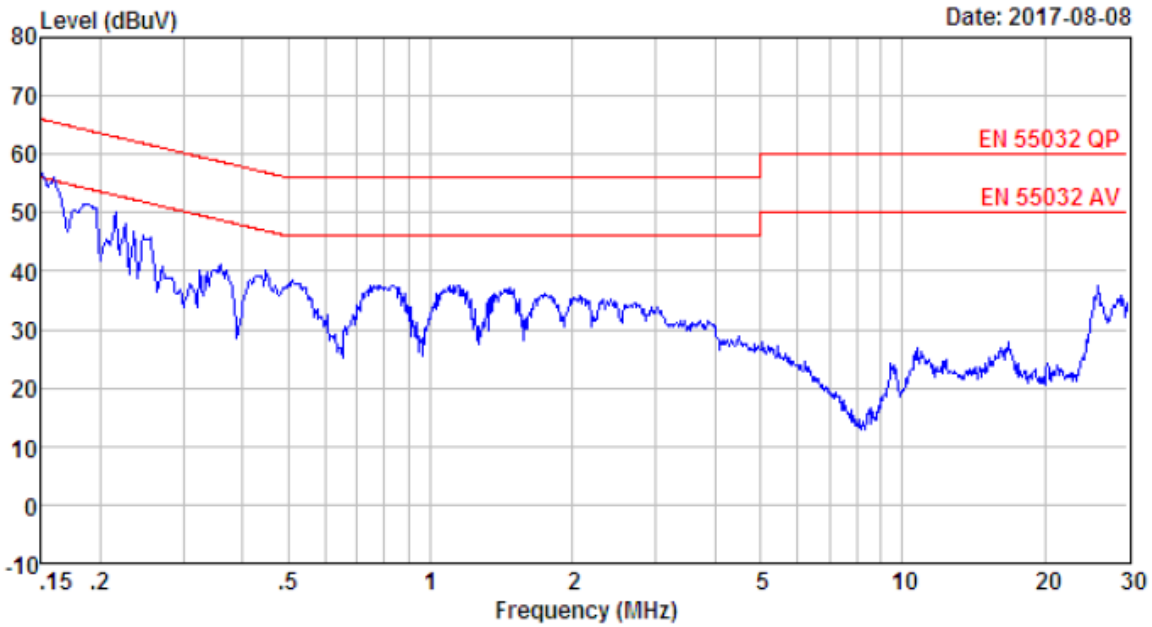

```
Site no      : 2# Contuction Shield Room          Data no.   : 59
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



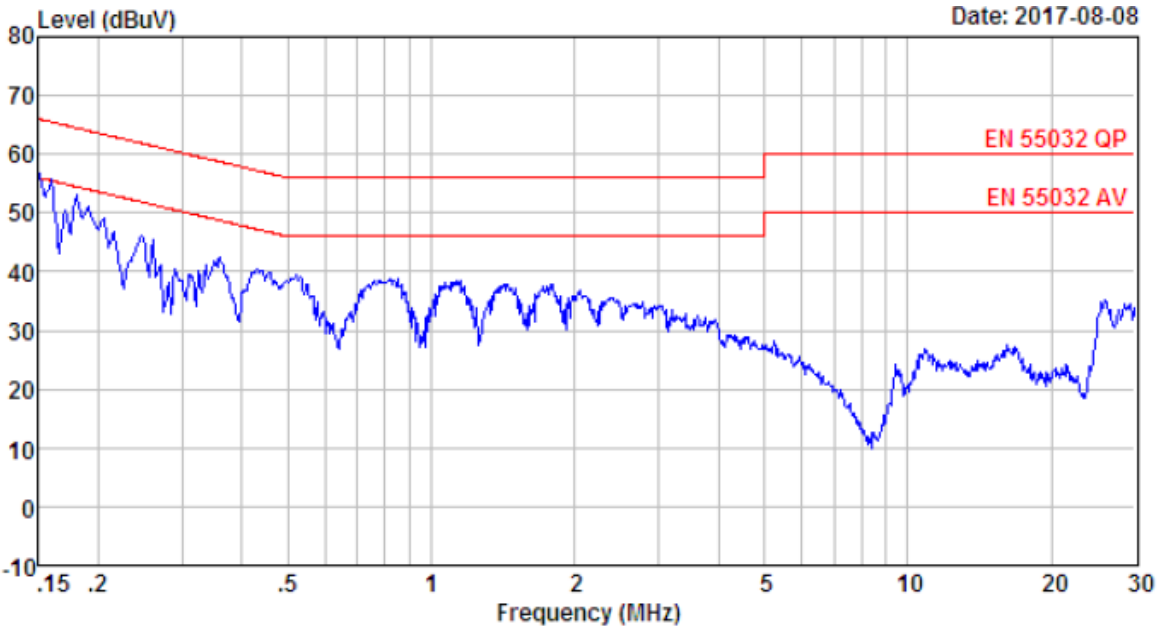

```
Site no      : 2# Contuction Shield Room          Data no.    : 61
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



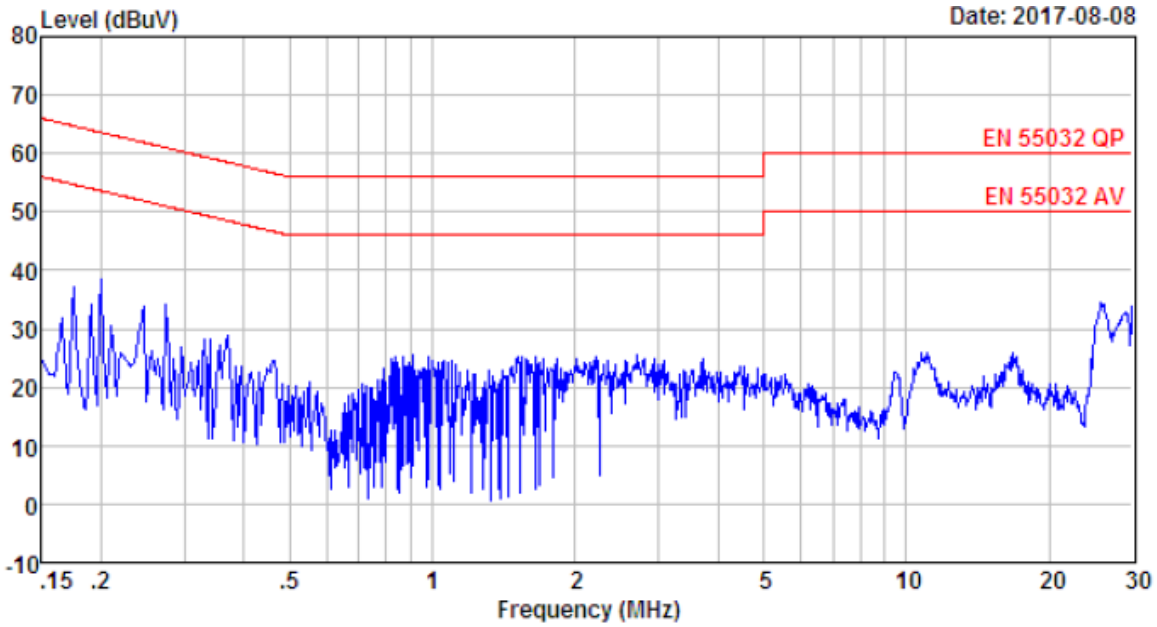

```
Site no      : 2# Contuction Shield Room          Data no.    : 63
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 110V/60Hz
M/N          : FJ-SW20170906000D
Test Mode    : Full Load(Output:9V/6A)
               Y+Y
```



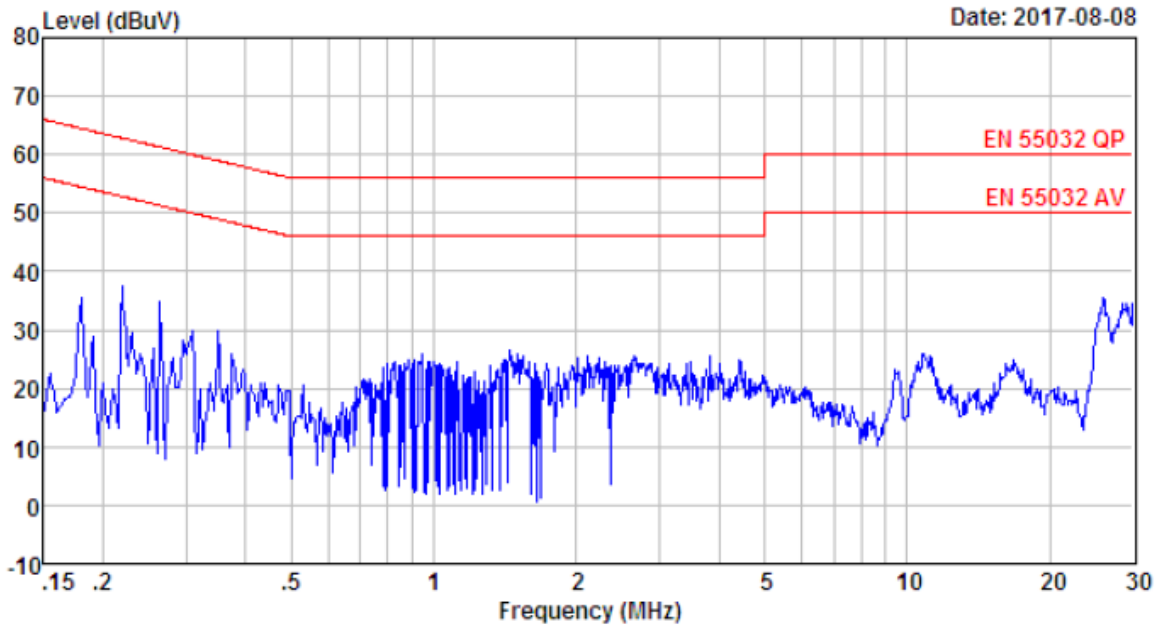
Site no : 2# Contuction Shield Room Data no. : 65
Env. / Ins. : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit : EN 55032 QP
Engineer : Sid
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : Half Load(Output:54V/0.6A)
Y+Y




```
Site no      : 2# Contuction Shield Room          Data no.   : 67
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200D
Test Mode    : Half Load(Output:54V/0.6A)
               Y+Y
```




```
Site no       : 2# Contuction Shield Room            Data no.    : 69
Env. / Ins.   : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : LINE
Limit         : EN 55032 QP
Engineer      : Sid
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20175401200D
Test Mode     : No Load
                Y+Y
```




```
Site no      : 2# Contuction Shield Room          Data no.    : 71
Env. / Ins.  : Temp:27.3'C Humi:56.8% Press:101.50kPaINE Phase : NEUTRAL
Limit        : EN 55032 QP
Engineer     : Sid
EUT          : Switching Adaptor
Power        : AC 230V/50Hz
M/N          : FJ-SW20175401200D
Test Mode    : No Load
               Y+Y
```

4.2. Radiated Emission Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55032:2015
Frequency range	:	30～1000MHz
Test Site	:	2#966 Chamber
Limits	:	EN 55032:2015 Class B

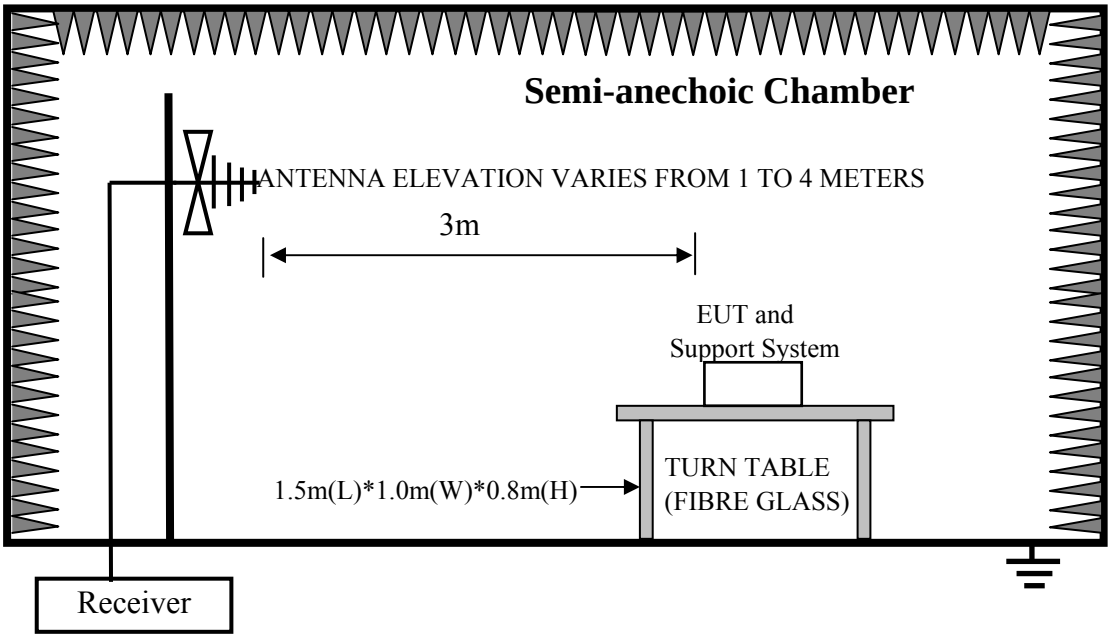
Test Setup

Date of test	:	Jul. 31~Aug. 08, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load, No Load

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m distance from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

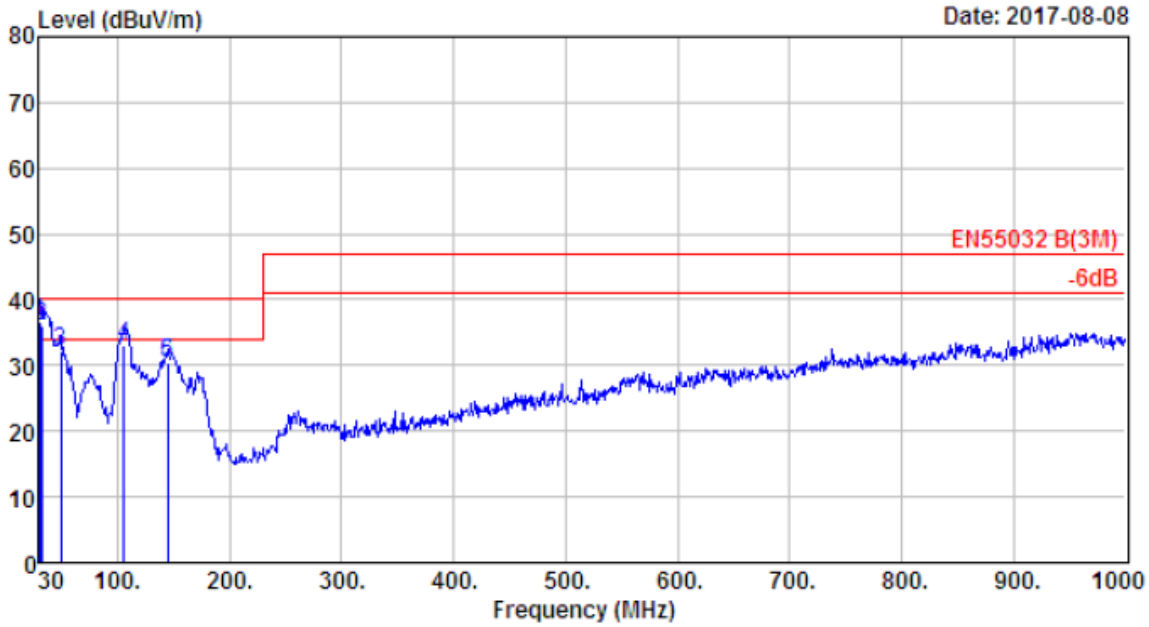
The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.

The bandwidth setting on the test receiver was 120 kHz.



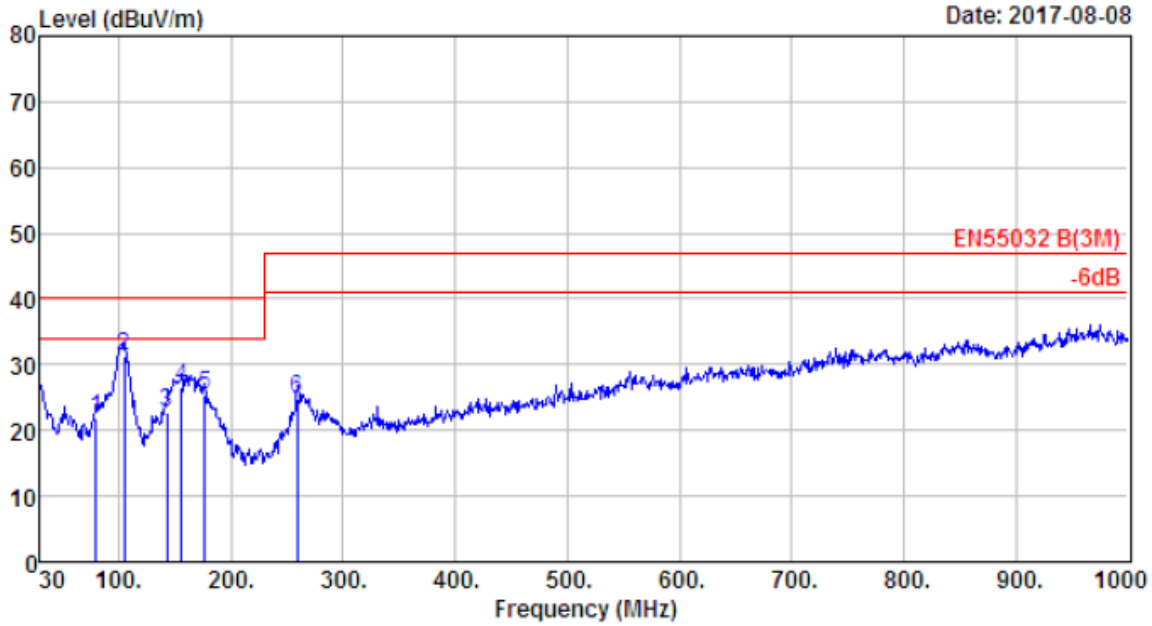
Note:
Test uncertainty: ±4.26 dB (H);±4.74 dB (V) at a level of confidence of 95%.(2#966)

Test Data



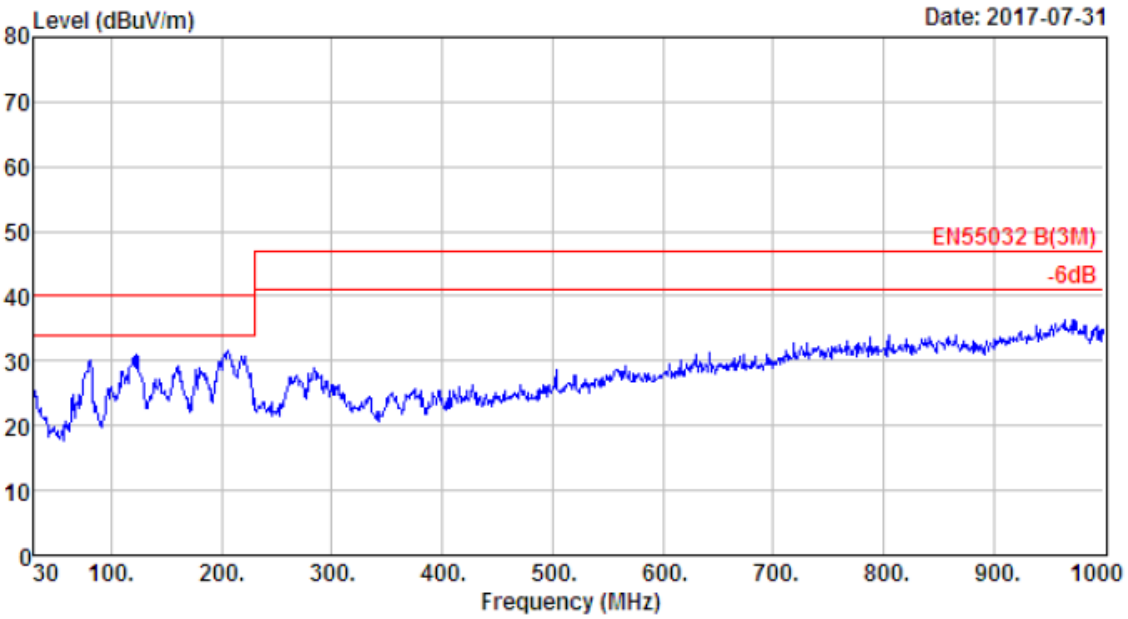
Site no. : 2# 966 chamber Data no. : 137
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20175401200
Test Mode : Full Load(Output:54V/1.2A)
Y

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.000	18.09	1.04	17.48	36.61	40.00	3.39	QP
2	31.940	17.52	0.95	17.51	35.98	40.00	4.02	QP
3	49.400	8.11	1.17	22.93	32.21	40.00	7.79	QP
4	105.660	10.11	1.50	21.42	33.03	40.00	6.97	QP
5	144.460	11.14	1.72	17.52	30.38	40.00	9.62	QP
6	144.460	11.14	1.72	17.52	30.38	40.00	9.62	QP

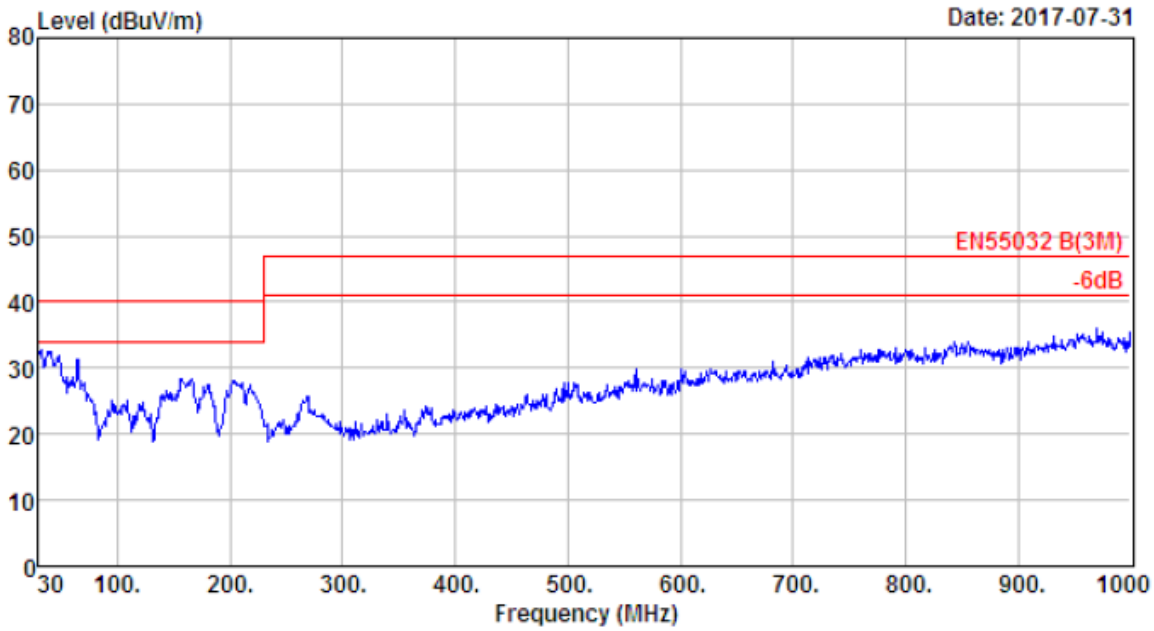


Site no. : 2# 966 chamber Data no. : 138
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20175401200
Test Mode : Full Load(Output:54V/1.2A)
Y

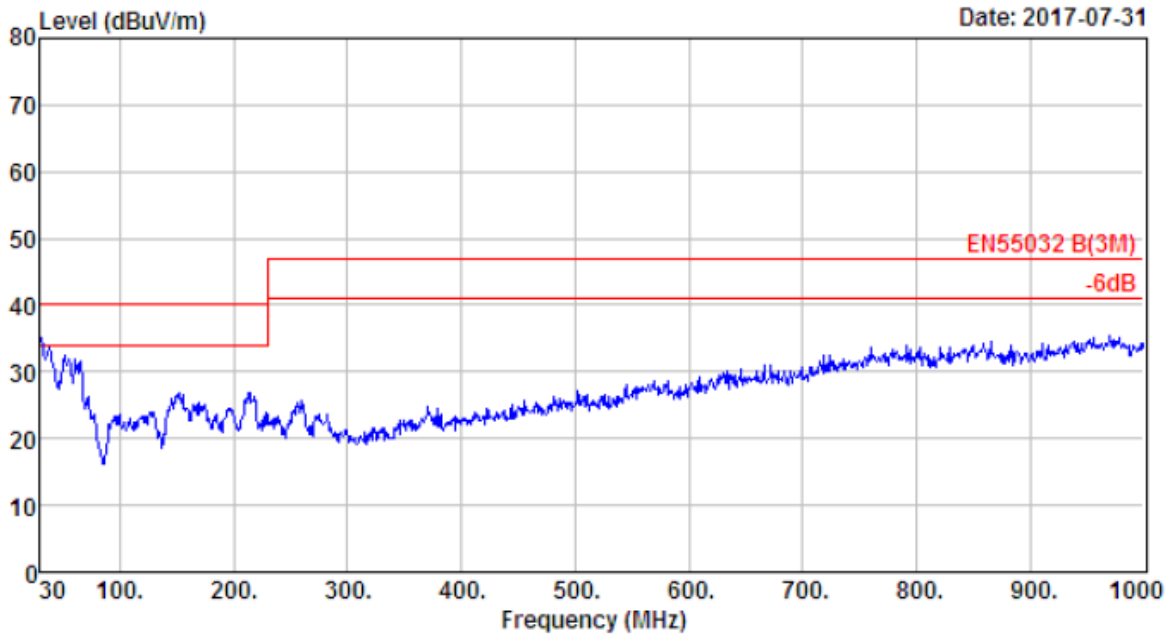
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	79.470	6.97	1.12	13.80	21.89	40.00	18.11	QP
2	104.690	10.03	1.54	19.81	31.38	40.00	8.62	QP
3	142.520	11.18	1.77	9.90	22.85	40.00	17.15	QP
4	156.100	10.41	1.81	14.29	26.51	40.00	13.49	QP
5	176.470	9.03	2.06	14.17	25.26	40.00	14.74	QP
6	258.920	13.26	2.30	9.20	24.76	47.00	22.24	QP



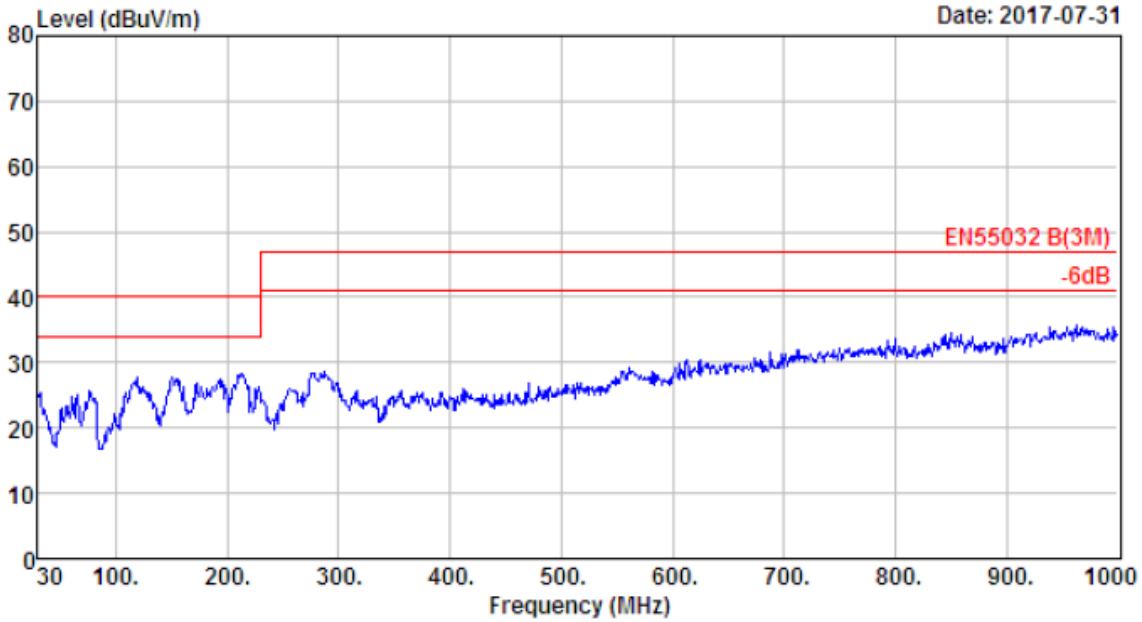
Site no.	: 2# 966 chamber	Data no.	: 109
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: EN55032 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Hale		
EUT	: Switching Adaptor		
Power	: AC 110V/60Hz		
M/N	: FJ-SW20171086000		
Test Mode	: Full Load(Output:10.8V/6A)		
	Y+Y		



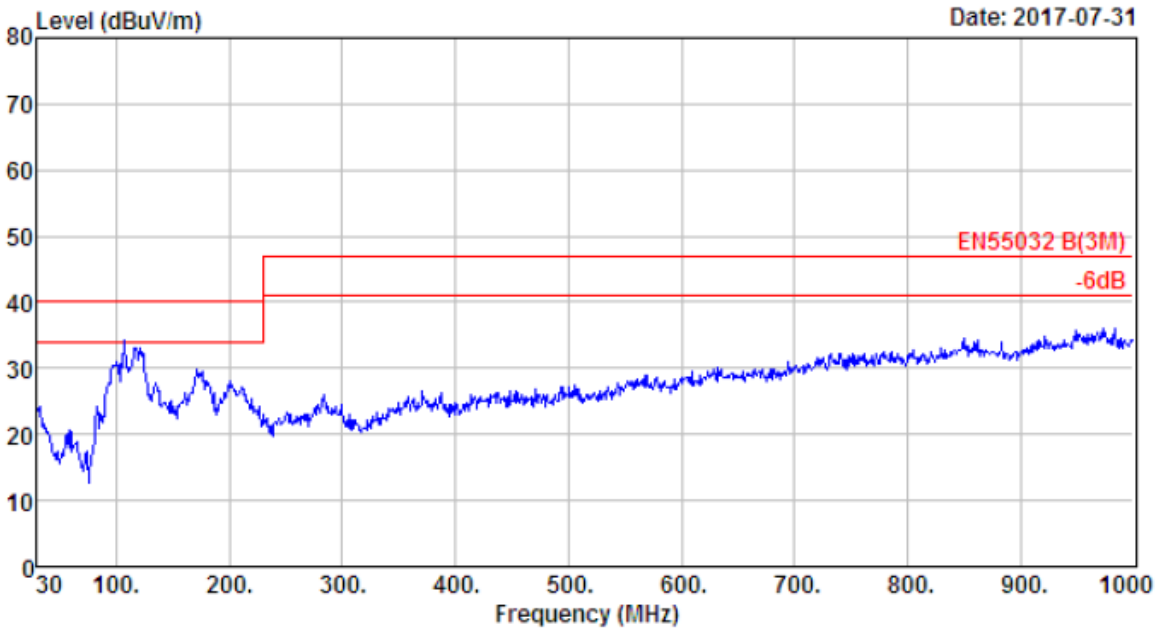

```
Site no.       : 2# 966 chamber              Data no.   : 110
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y+Y
```



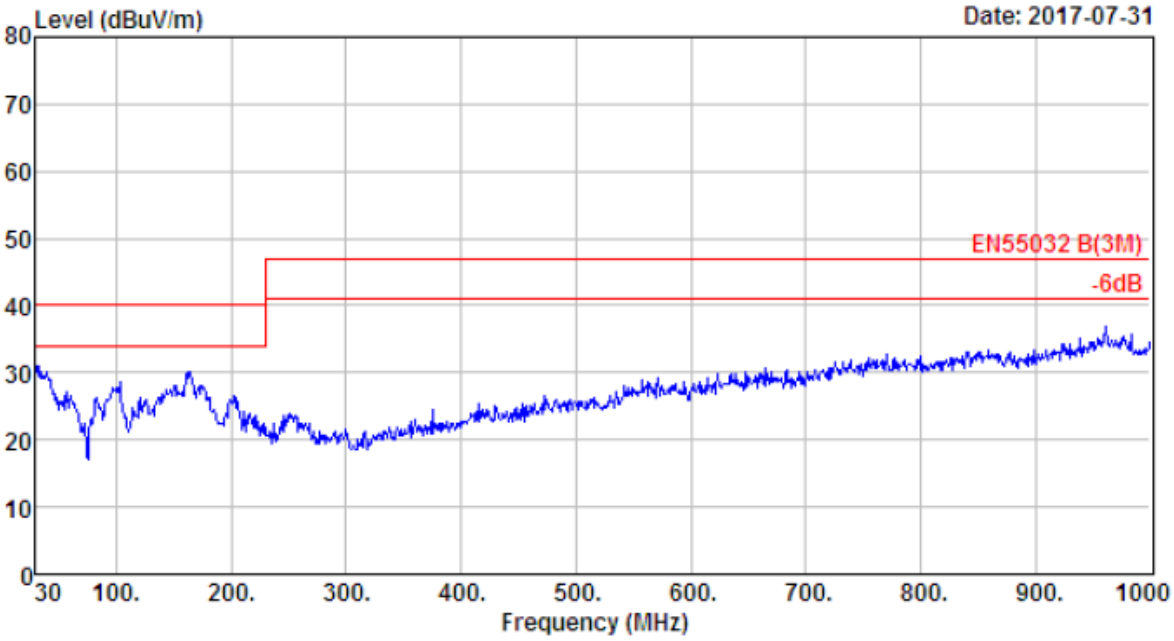

```
Site no.       : 2# 966 chamber              Data no.   : 111
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y+Y
```



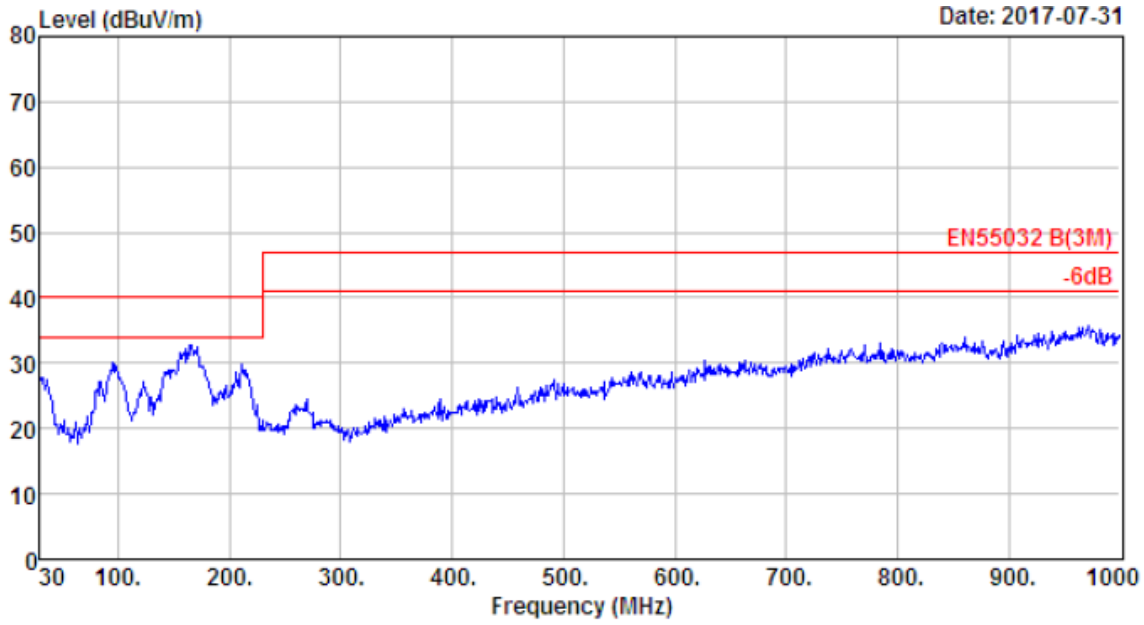

```
Site no.       : 2# 966 chamber              Data no.  : 112
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y+Y
```



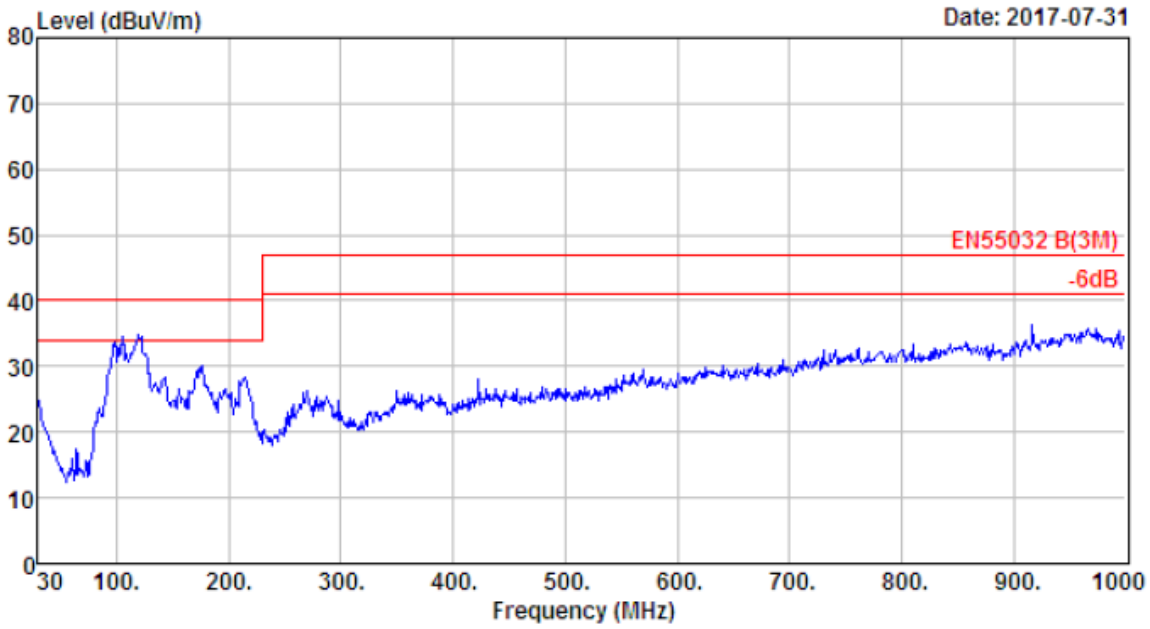

```
Site no.       : 2# 966 chamber              Data no.   : 113
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y+Y
```



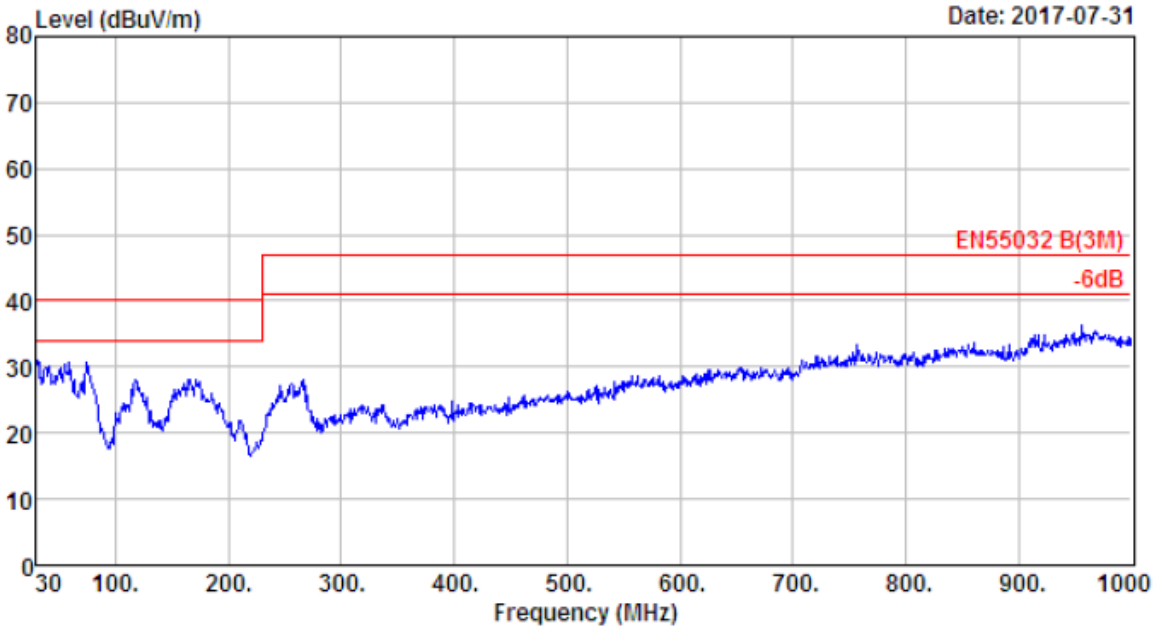

```
Site no.       : 2# 966 chamber              Data no.   : 114
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y+Y
```



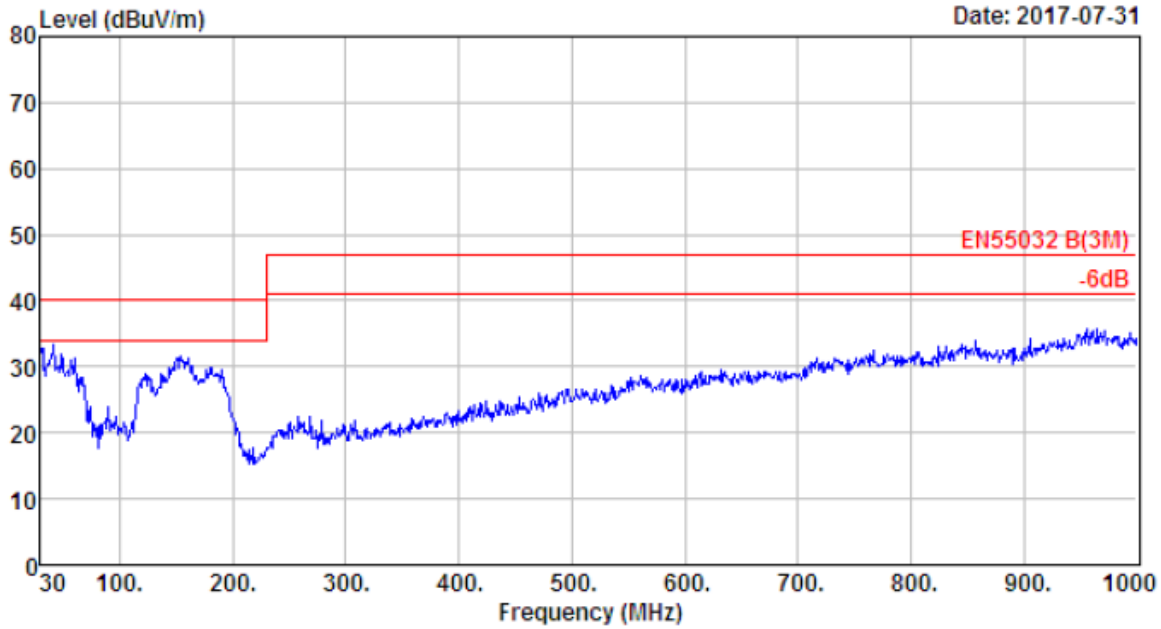

```
Site no.      : 2# 966 chamber              Data no.  : 115
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20170906000
Test Mode     : Full Load(Output:9V/6A)
                Y+Y
```



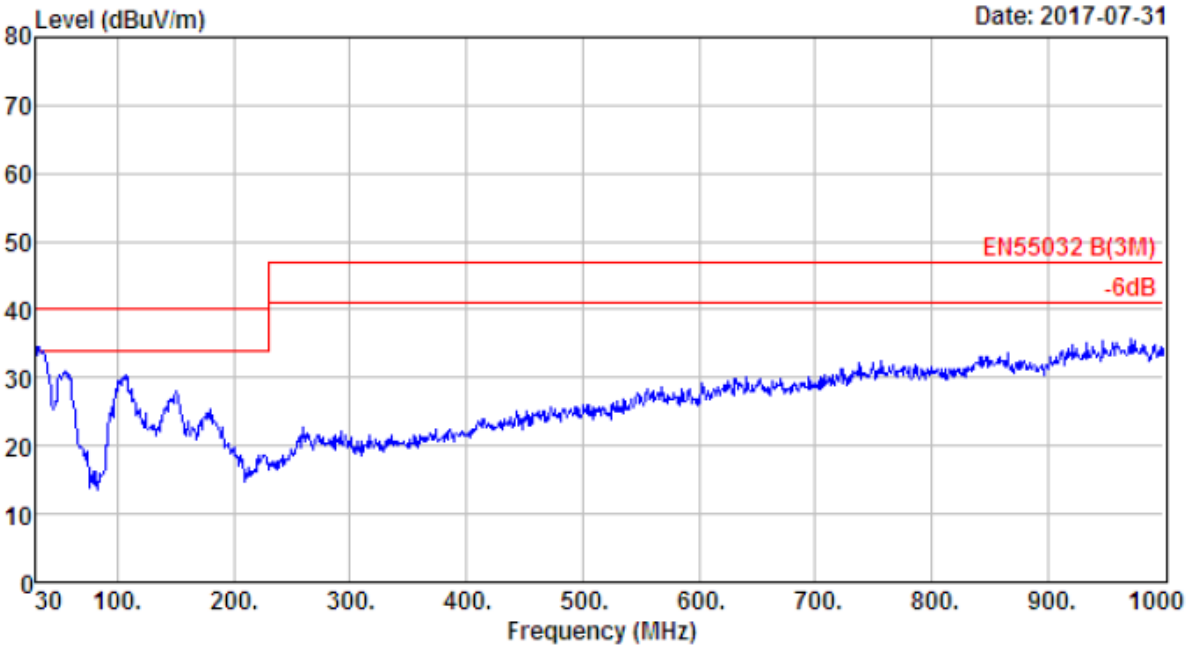

```
Site no.       : 2# 966 chamber              Data no.   : 116
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y+Y
```



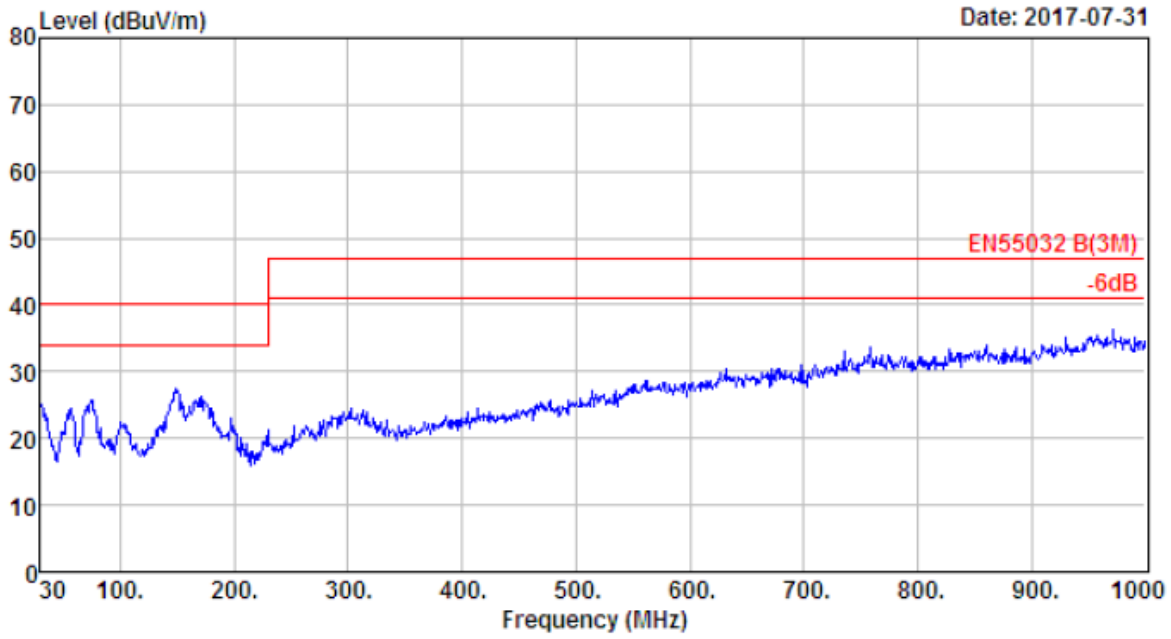

```
Site no.      : 2# 966 chamber              Data no.  : 117
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20173301970
Test Mode     : Full Load(Output:33V/1.97A)
                Y+Y
```



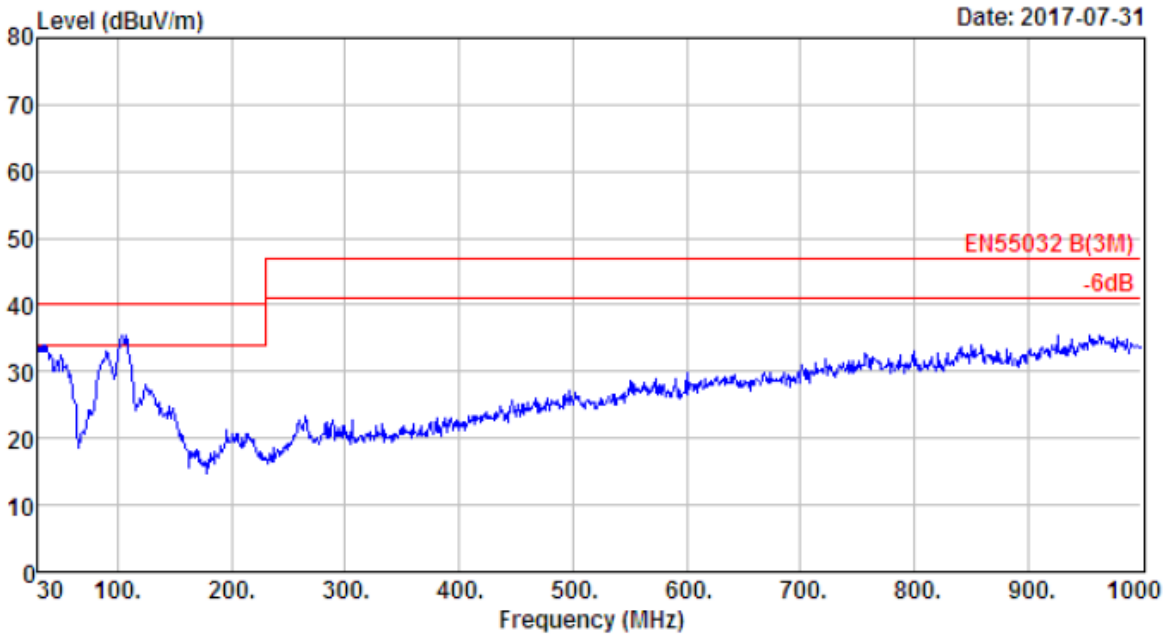

```
Site no.       : 2# 966 chamber              Data no.   : 118
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20173301970
Test Mode      : Full Load(Output:33V/1.97A)
                 Y+Y
```



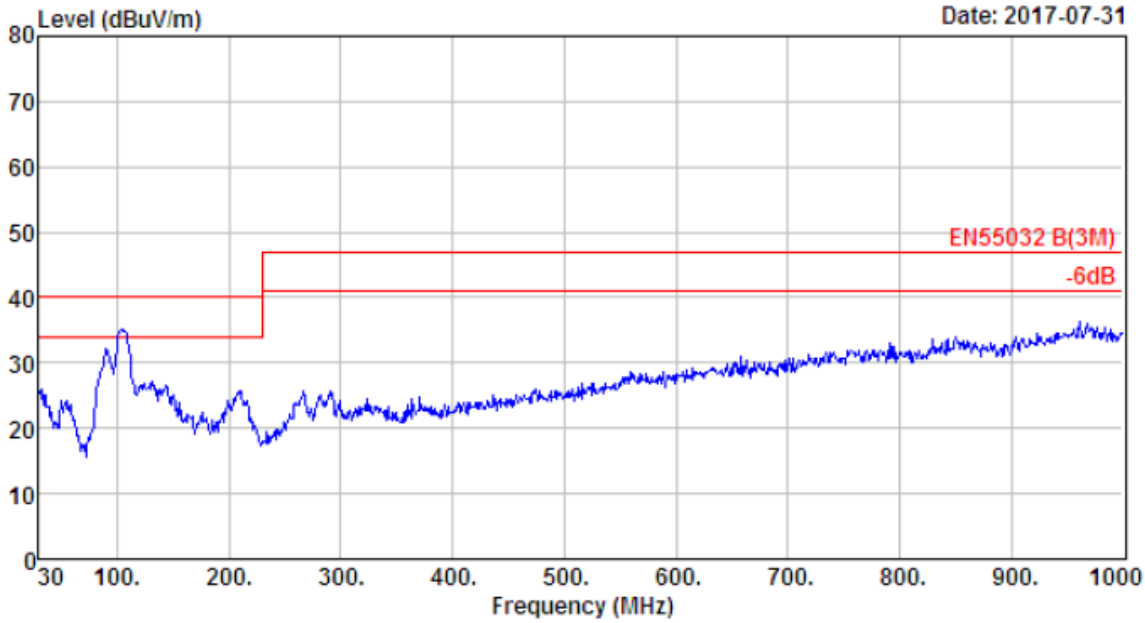
Site no. : 2# 966 chamber Data no. : 119
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20173301970
Test Mode : Full Load(Output:33V/1.97A)
Y+Y



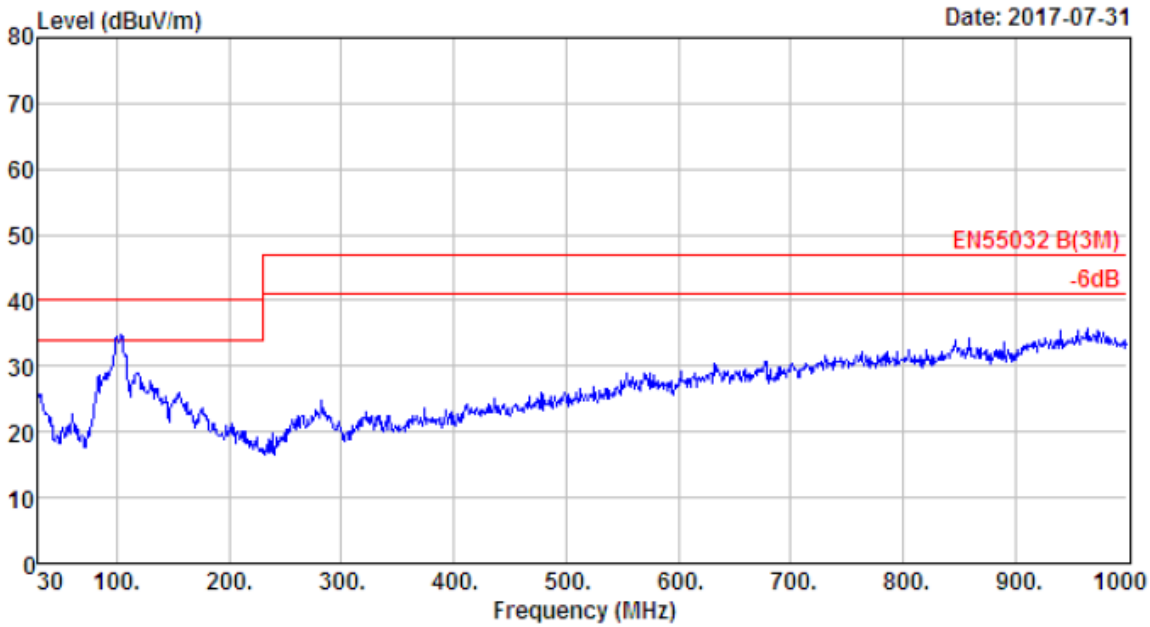

```
Site no.       : 2# 966 chamber              Data no.  : 120
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20173301970
Test Mode      : Full Load(Output:33V/1.97A)
                 Y+Y
```



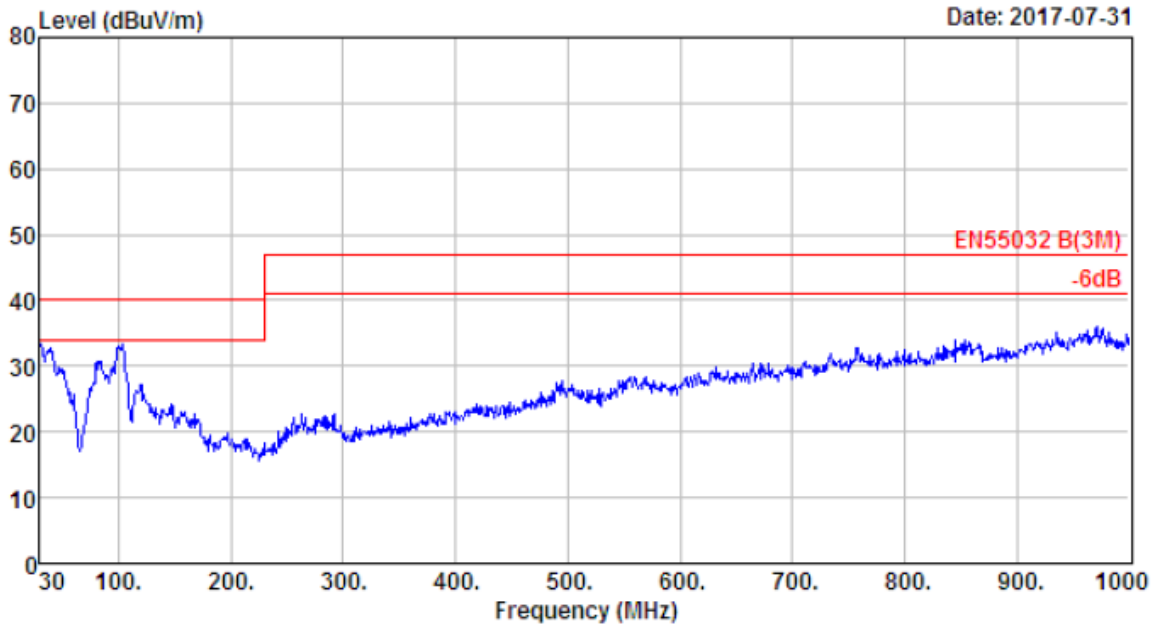

```
Site no.      : 2# 966 chamber              Data no.  : 121
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20175401200
Test Mode     : Full Load(Output:54V/1.2A)
                Y+Y
```



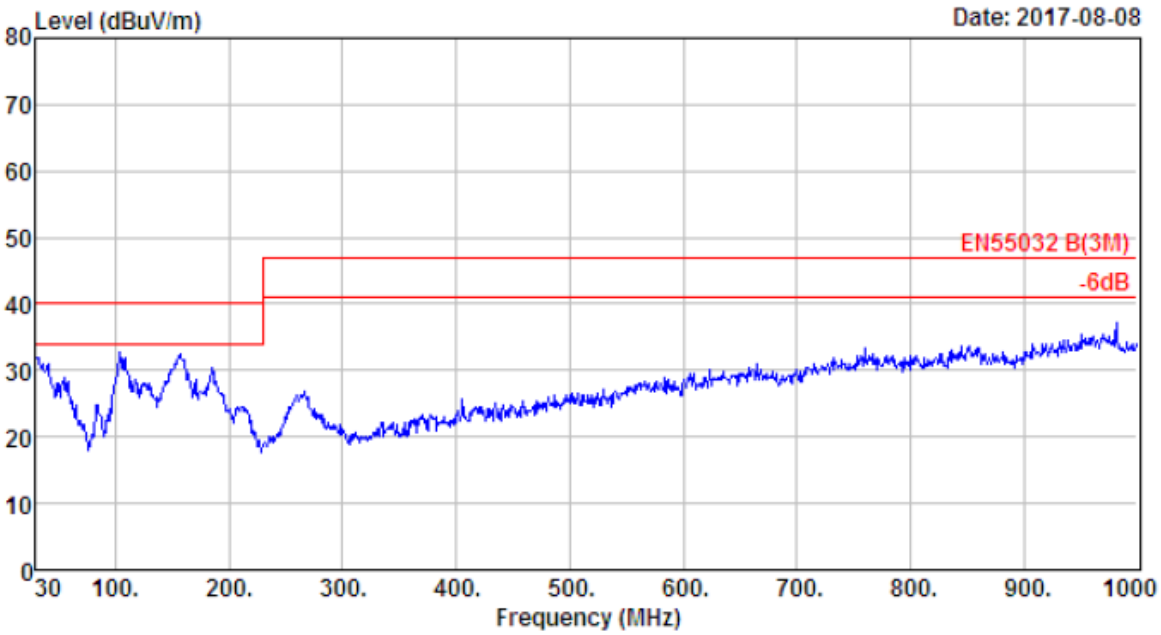

```
Site no.      : 2# 966 chamber              Data no.  : 122
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20175401200
Test Mode     : Full Load(Output:54V/1.2A)
                Y+Y
```



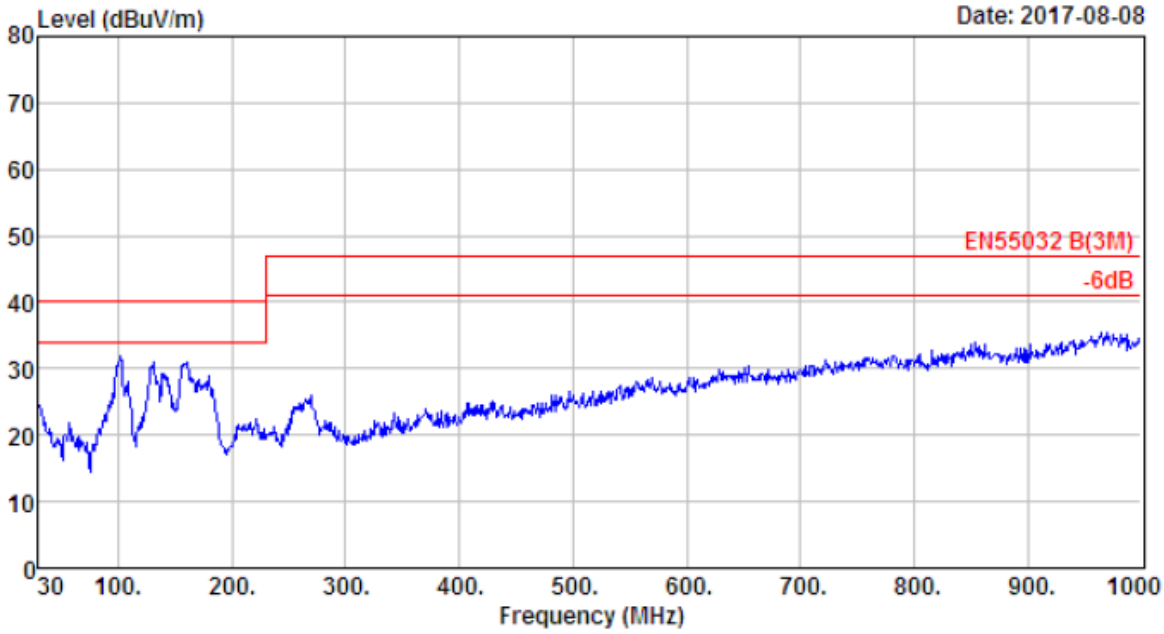

```
Site no.      : 2# 966 chamber              Data no.  : 123
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20175401200
Test Mode     : Full Load(Output:54V/1.2A)
                Y+Y
```



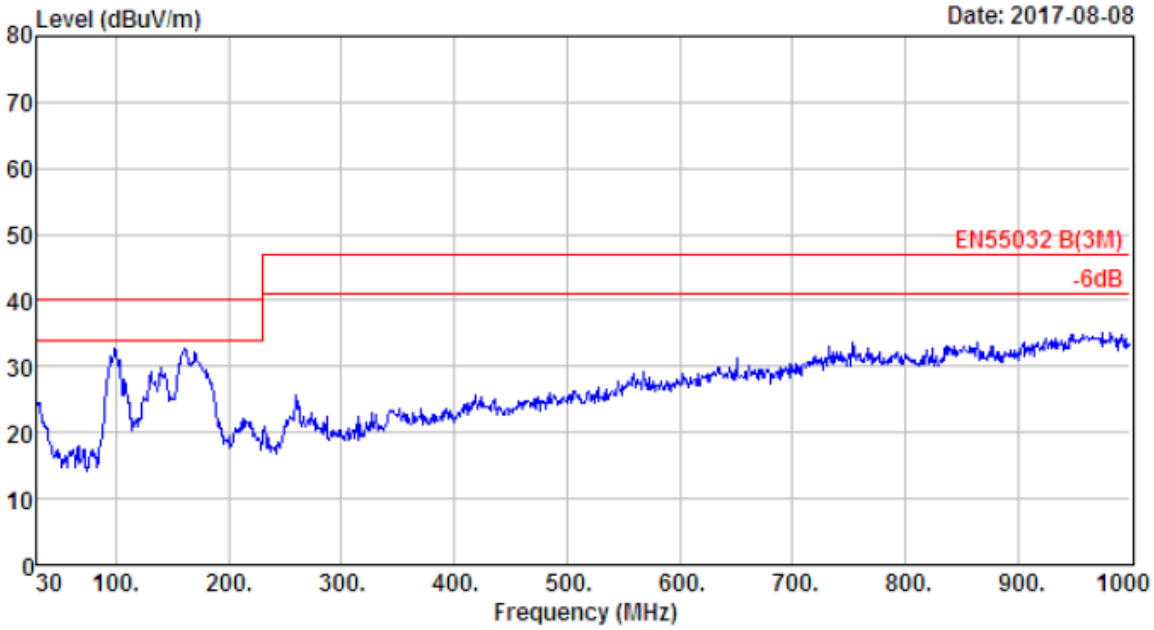

```
Site no.       : 2# 966 chamber              Data no.   : 124
Dis. / Ant.    : 3m    37062                 Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20175401200
Test Mode      : Full Load(Output:54V/1.2A)
                 Y+Y
```



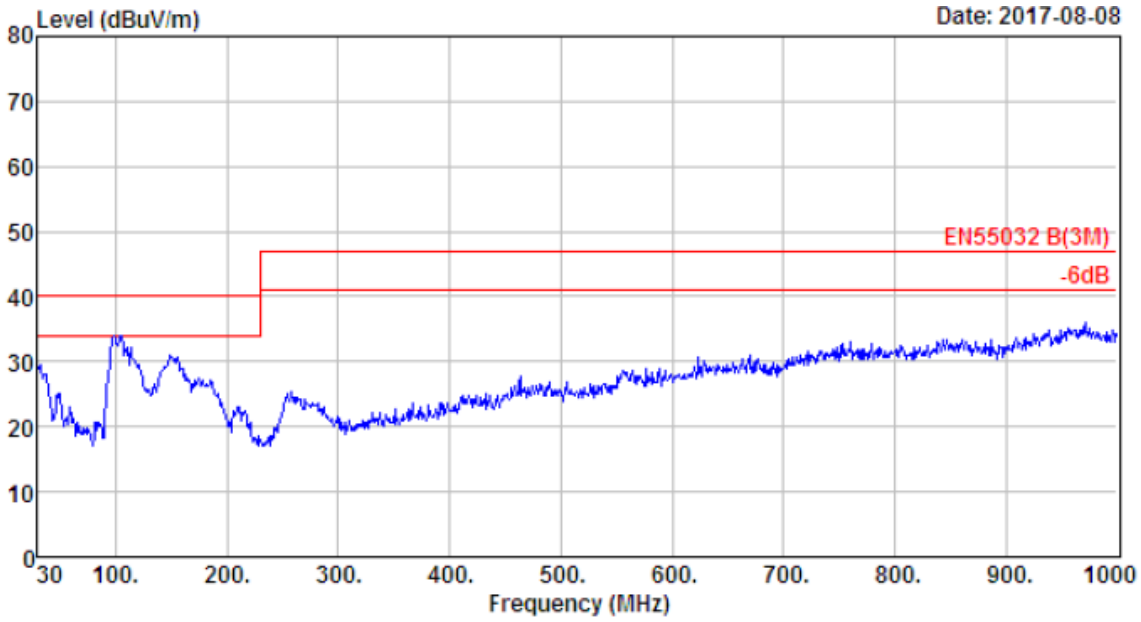

```
Site no.       : 2# 966 chamber              Data no.   : 125
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y
```



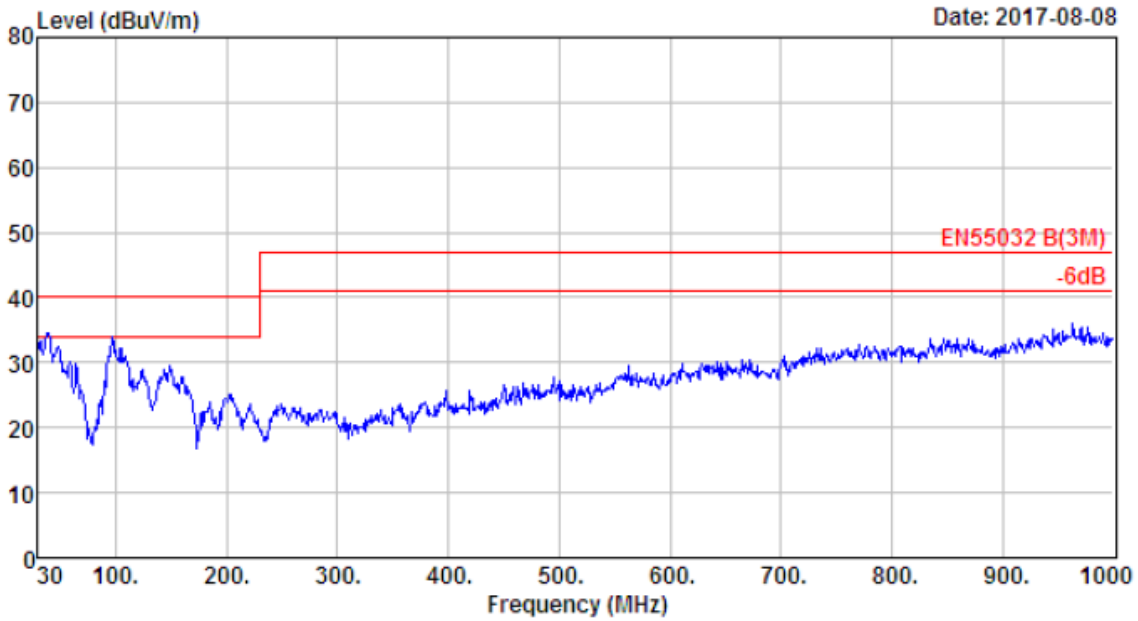

```
Site no.       : 2# 966 chamber              Data no.   : 126
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y
```



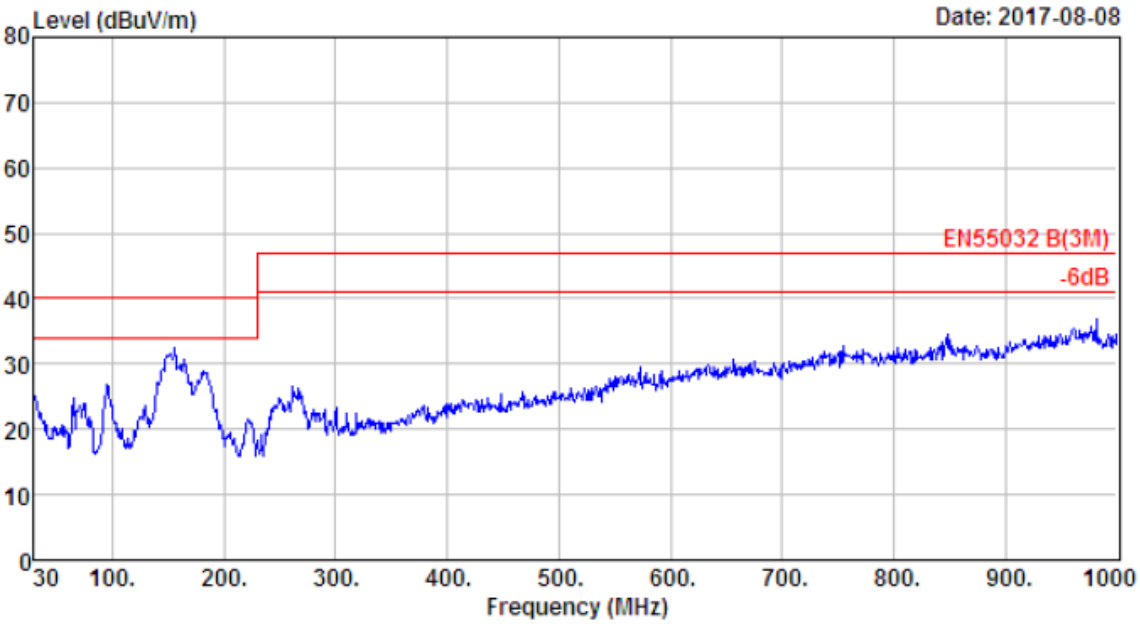

```
Site no.      : 2# 966 chamber              Data no.  : 127
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20170906000
Test Mode     : Full Load(Output:9V/6A)
                Y
```



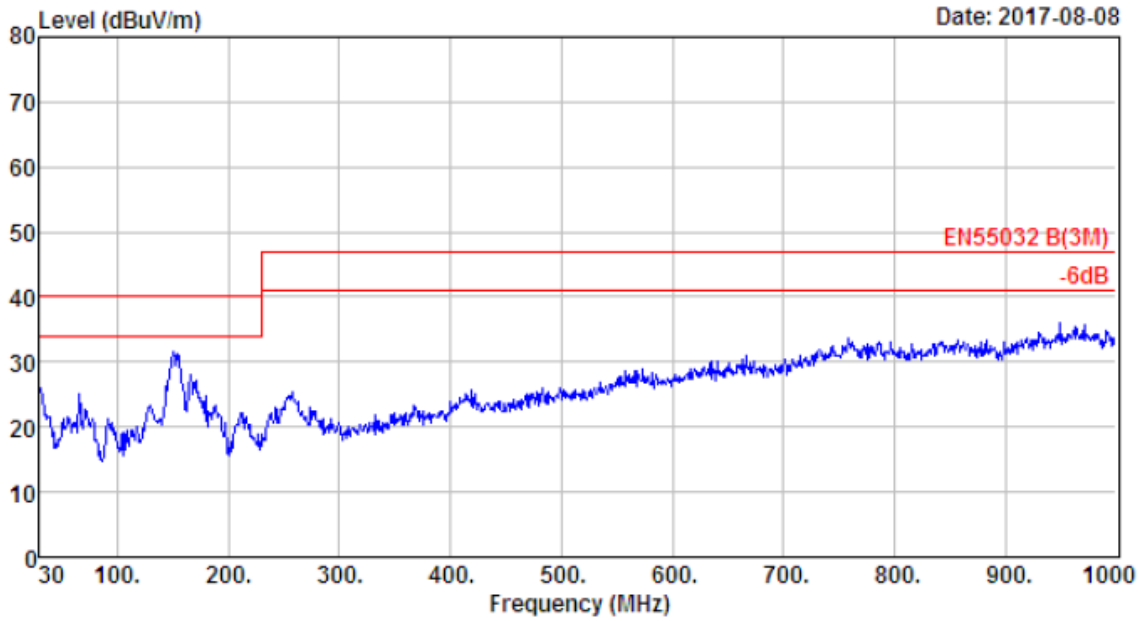

```
Site no.       : 2# 966 chamber              Data no.  : 128
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20170906000
Test Mode      : Full Load(Output:9V/6A)
                 Y
```



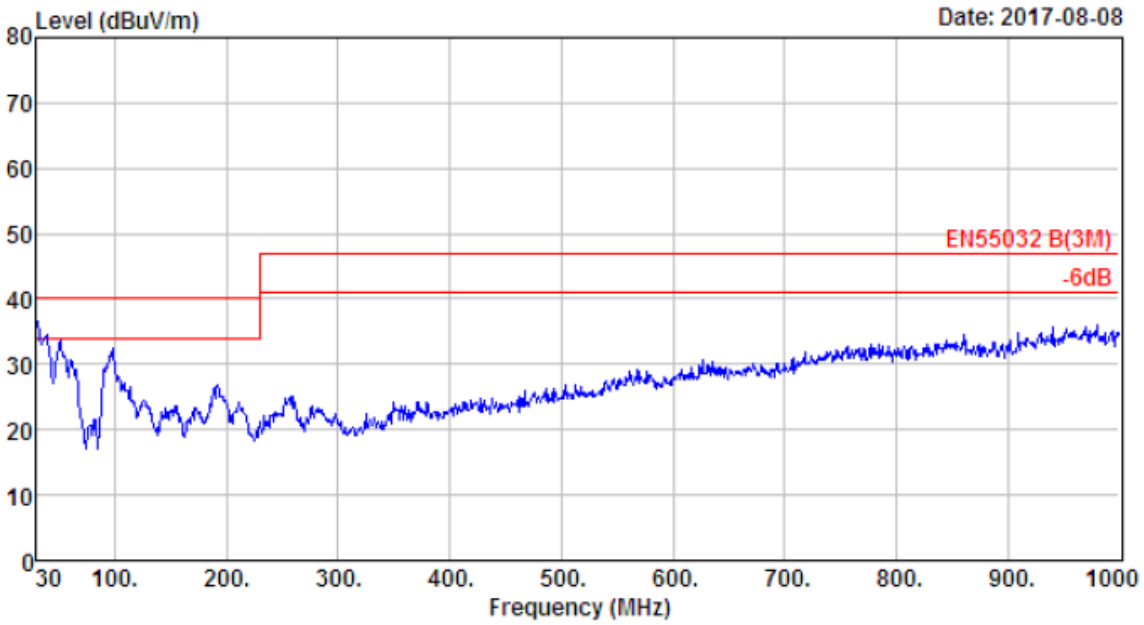

```
Site no.       : 2# 966 chamber              Data no.  : 129
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```



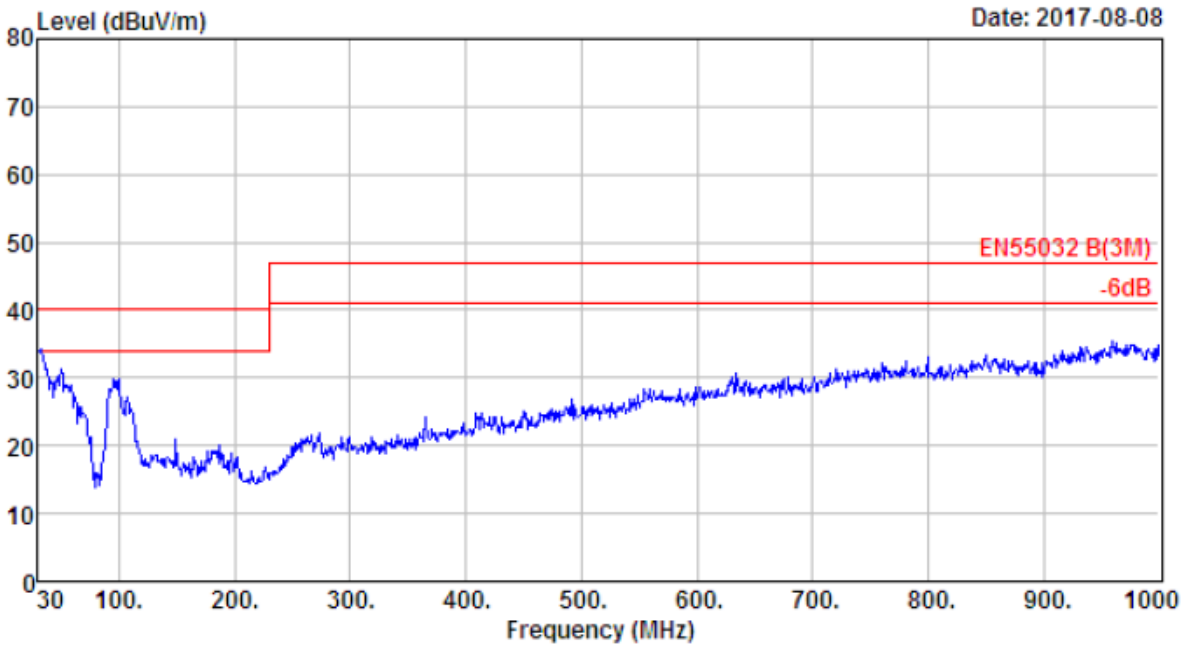

```
Site no.       : 2# 966 chamber              Data no.   : 130
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```



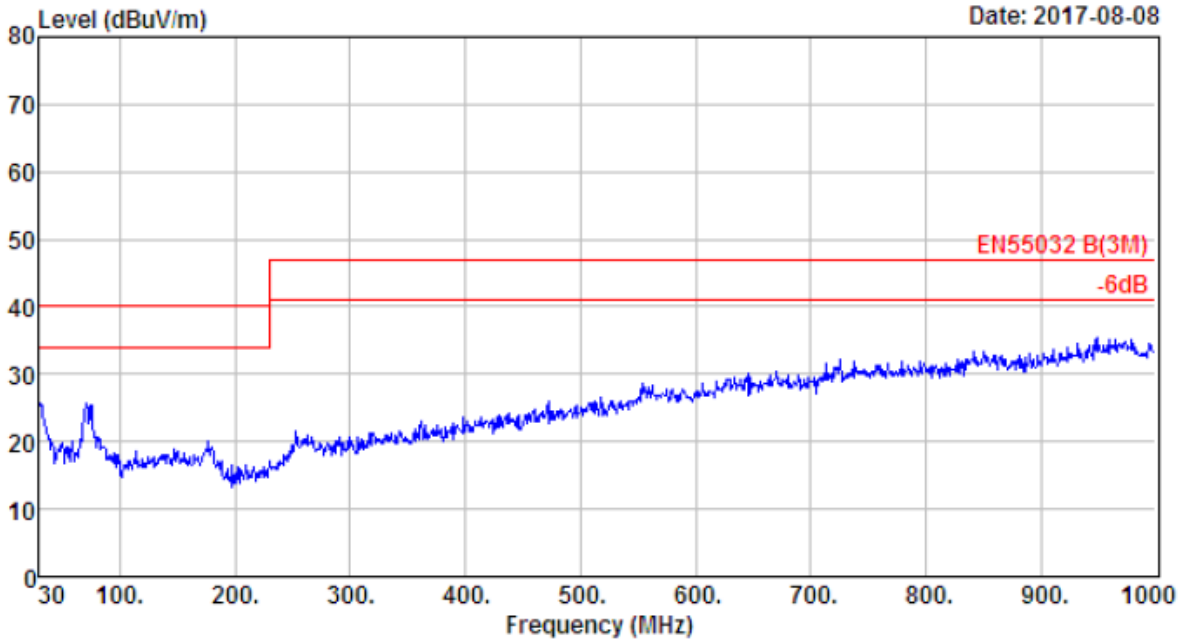

```
Site no.       : 2# 966 chamber              Data no.   : 131
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```



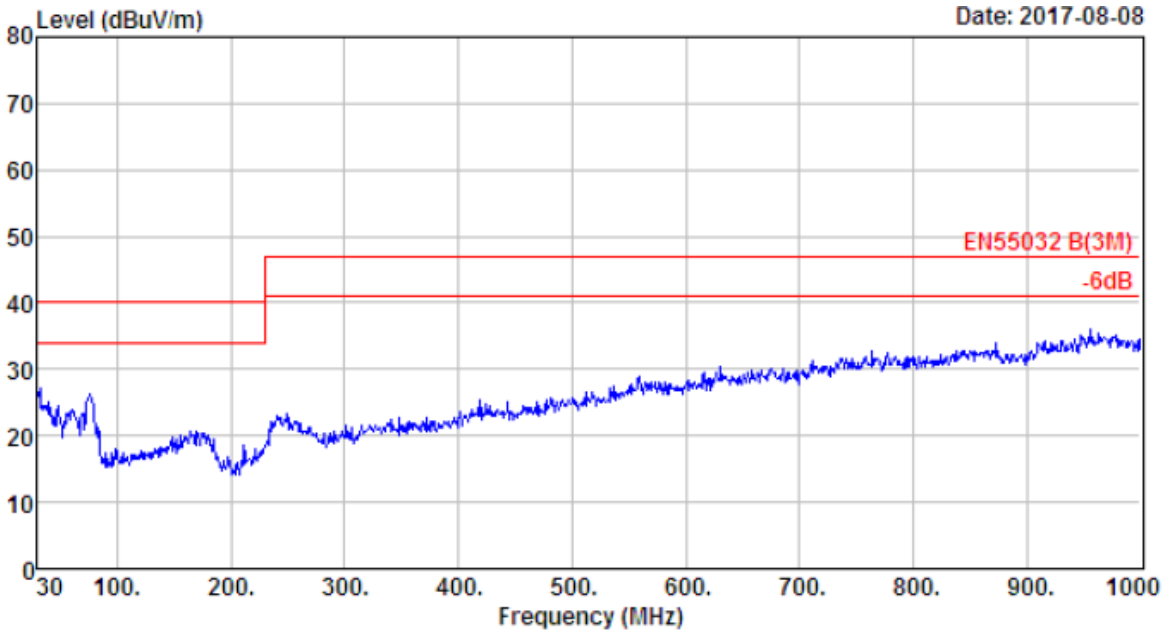

```
Site no.       : 2# 966 chamber              Data no.   : 132
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```



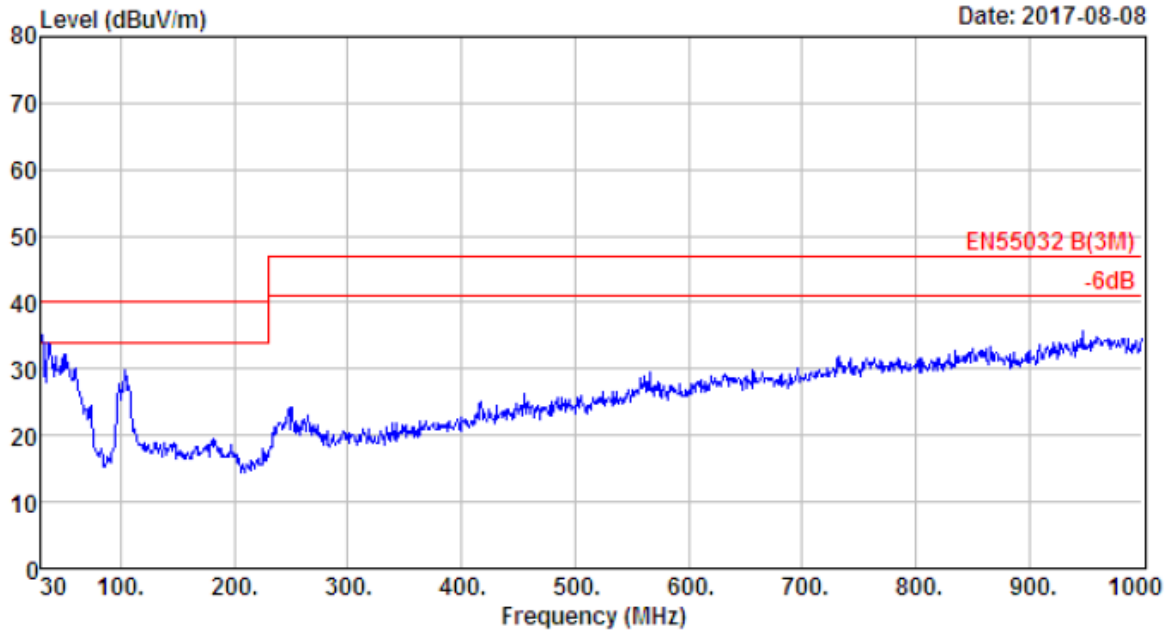
Site no. : 2# 966 chamber Data no. : 133
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20173301970
Test Mode : Full Load(Output:33V/1.97A)
Y



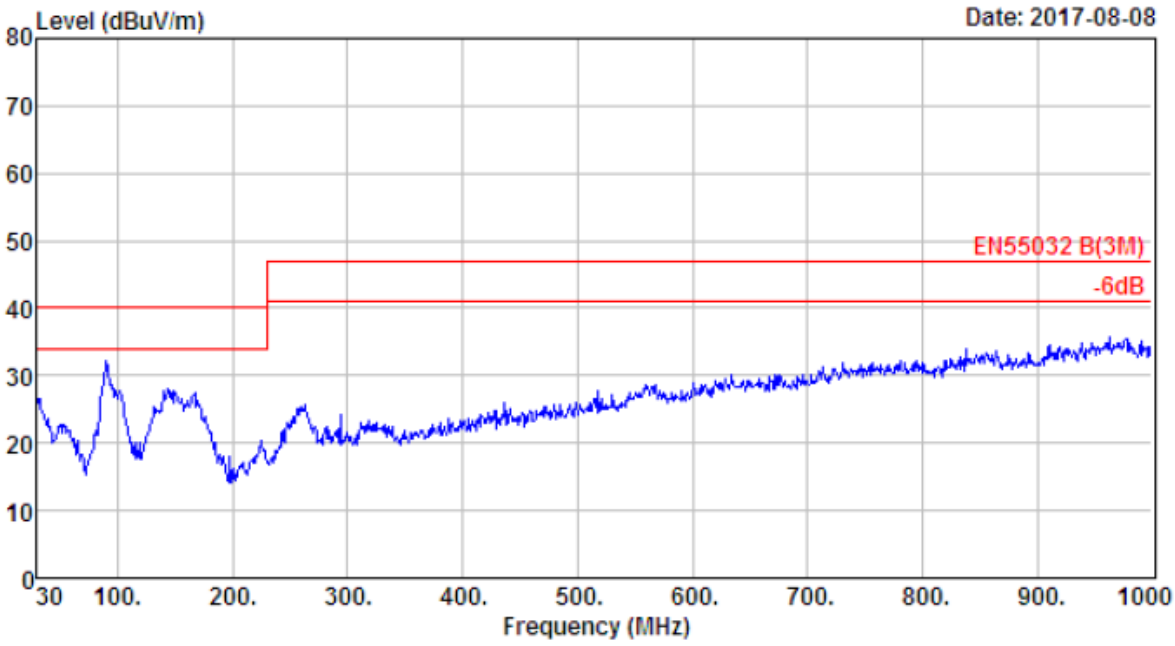

```
Site no.      : 2# 966 chamber              Data no.  : 134
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20173301970
Test Mode     : Full Load(Output:33V/1.97A)
                Y
```



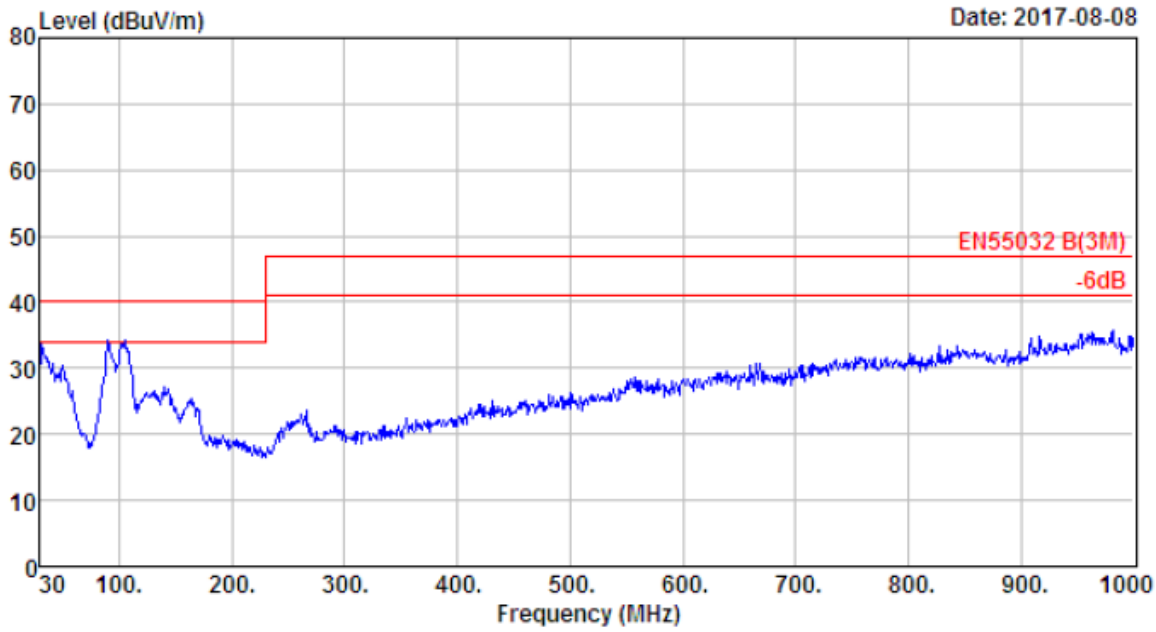

```
Site no.       : 2# 966 chamber              Data no.  : 135
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20173301970
Test Mode      : Full Load(Output:33V/1.97A)
                 Y
```



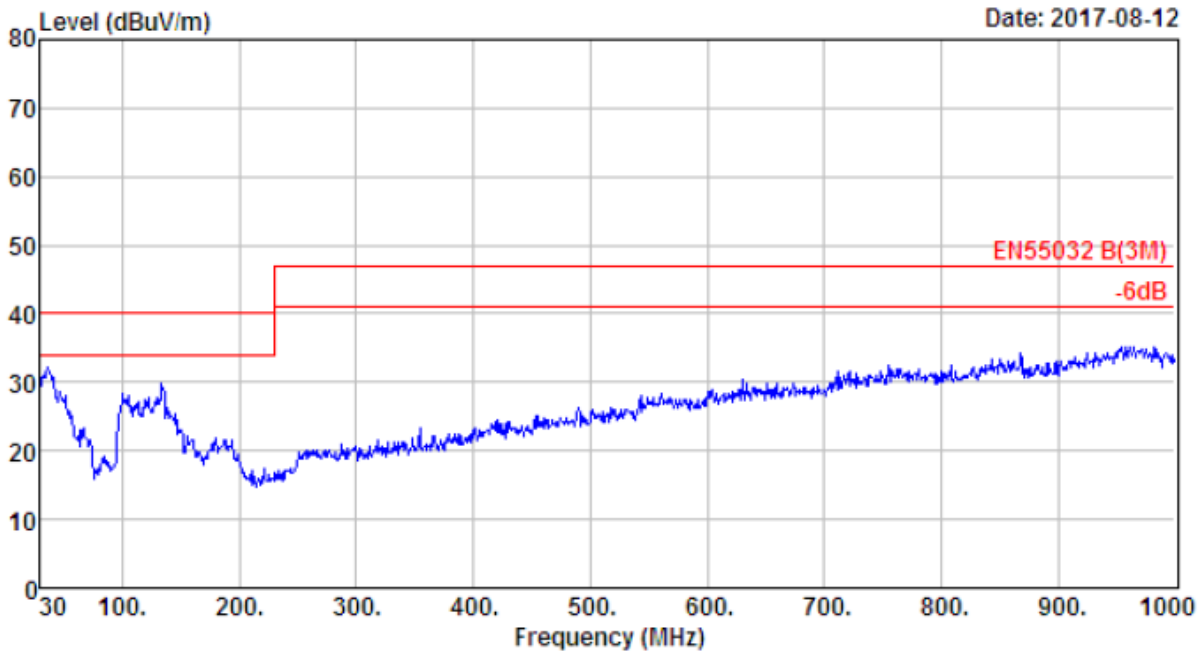

```
Site no.       : 2# 966 chamber              Data no.  : 136
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20173301970
Test Mode      : Full Load(Output:33V/1.97A)
                 Y
```



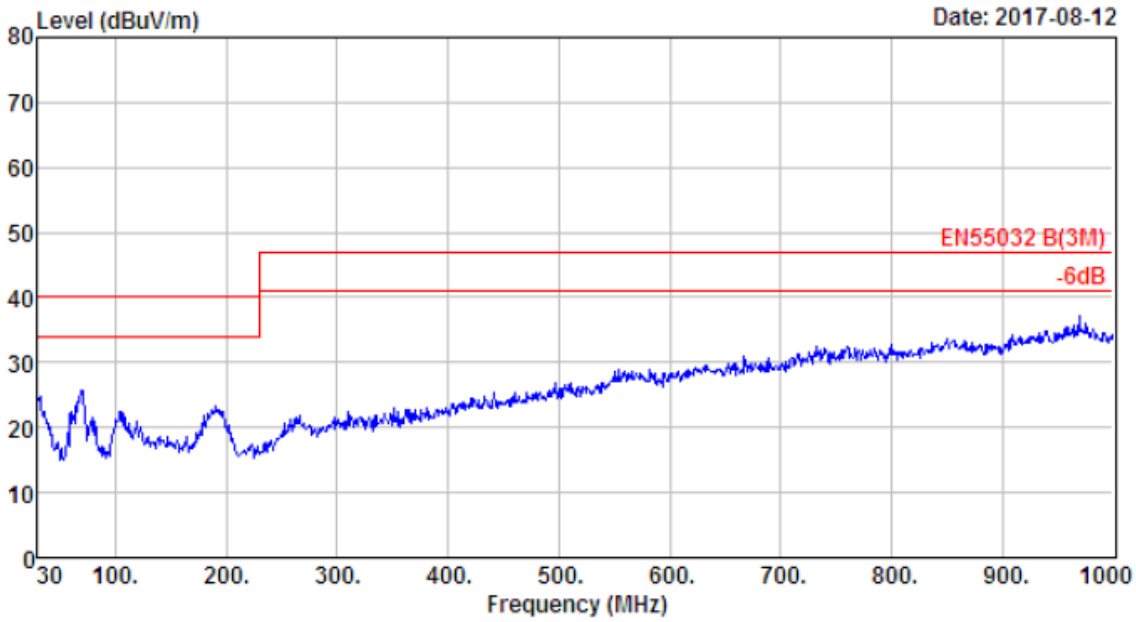
Site no. : 2# 966 chamber Data no. : 139
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : Full Load(Output:54V/1.2A)
Y



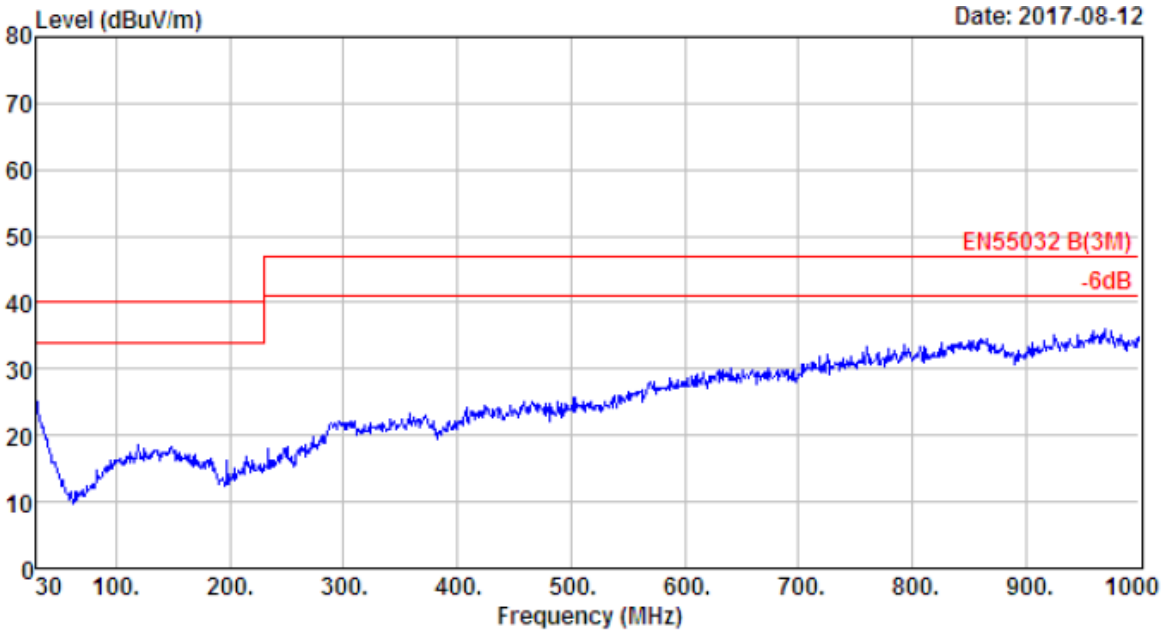

```
Site no.       : 2# 966 chamber              Data no.   : 140
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20175401200
Test Mode      : Full Load(Output:54V/1.2A)
                 Y
```



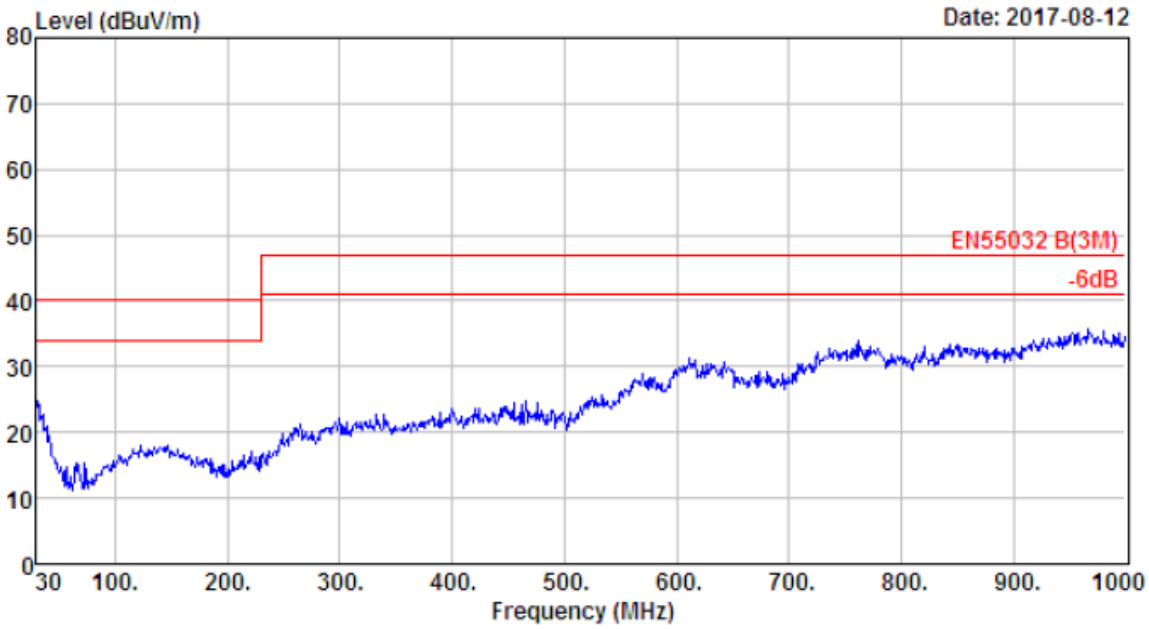

```
Site no.       : 2# 966 chamber              Data no.  : 141
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20175401200
Test Mode      : Half Load(Output:54V/0.6A)
                 Y
```



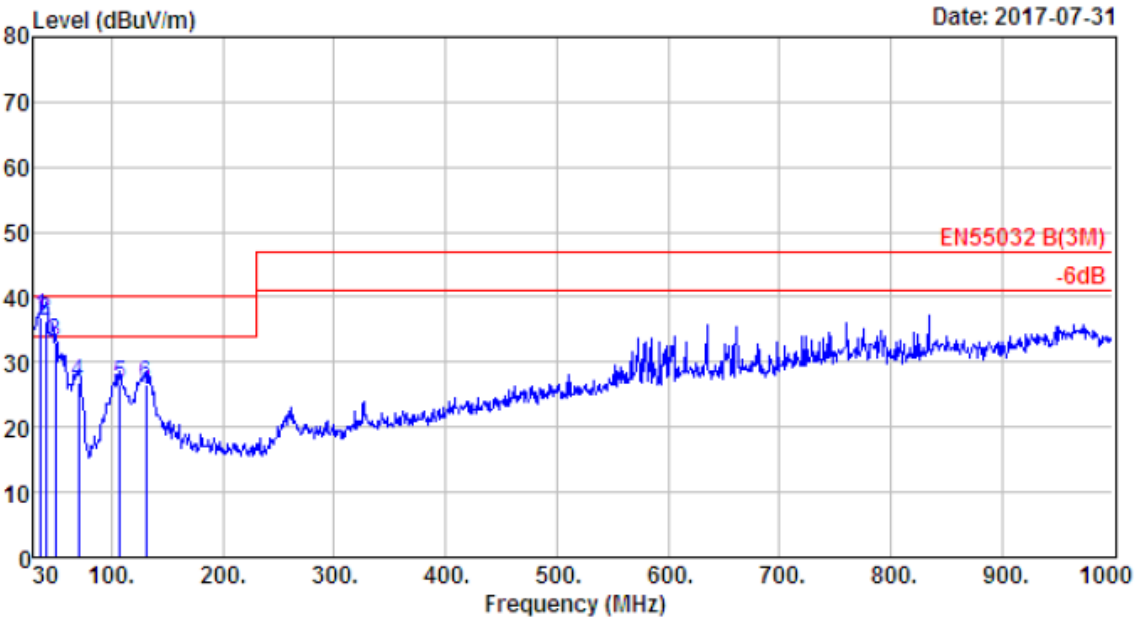

```
Site no.       : 2# 966 chamber              Data no.   : 142
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20175401200
Test Mode      : Half Load(Output:54V/0.6A)
                 Y
```



Site no. : 2# 966 chamber Data no. : 143
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : No Load

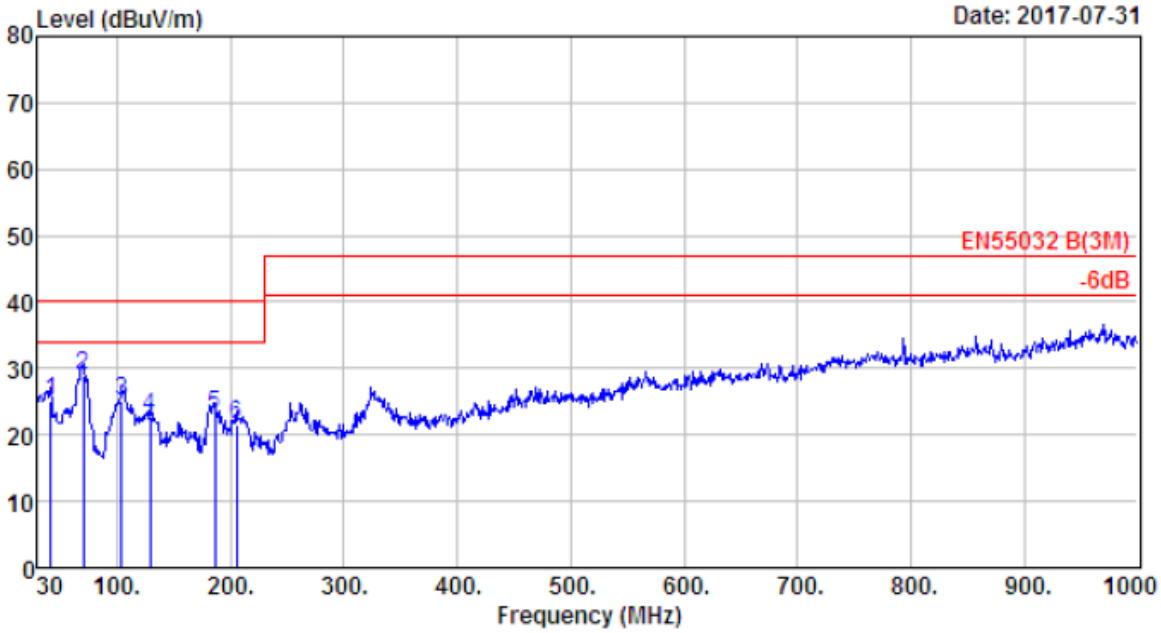


Site no. : 2# 966 chamber Data no. : 144
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200
Test Mode : No Load



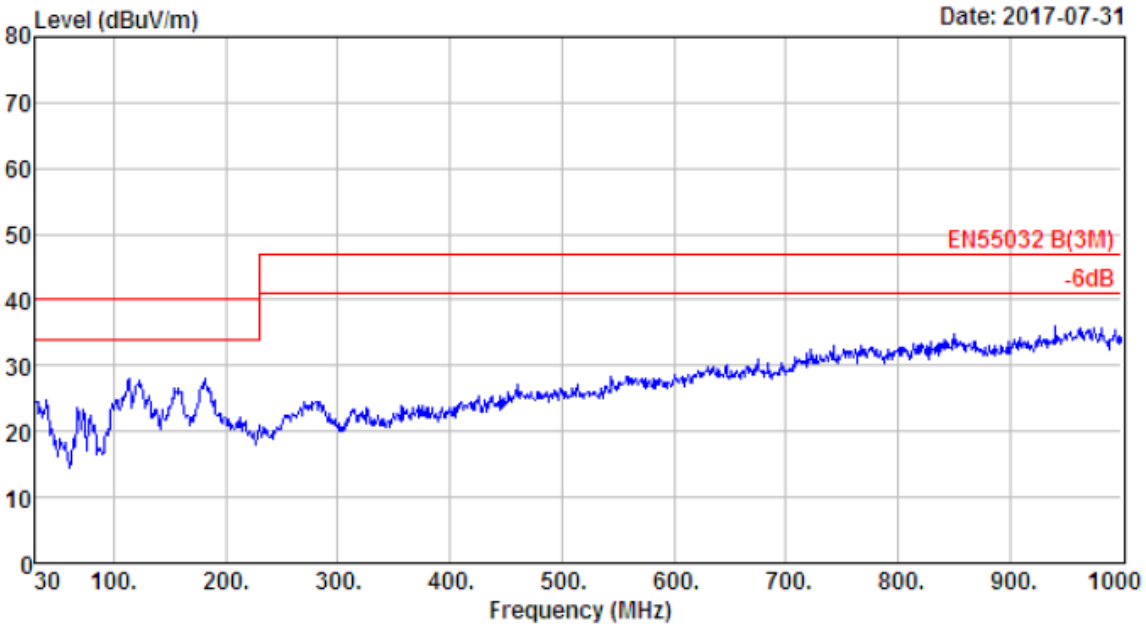

```
Site no.       : 2# 966 chamber              Data no.   : 9
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20175401200D
Test Mode      : Full Load(Output:54V/1.2A)
                 Y+Y
```

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.790	14.59	1.05	21.20	36.84	40.00	3.16	QP
2	40.670	12.31	1.16	22.70	36.17	40.00	3.83	QP
3	49.400	8.11	1.17	23.81	33.09	40.00	6.91	QP
4	69.770	5.52	0.91	20.49	26.92	40.00	13.08	QP
5	107.600	10.26	1.50	14.75	26.51	40.00	13.49	QP
6	130.880	11.22	1.58	13.84	26.64	40.00	13.36	QP

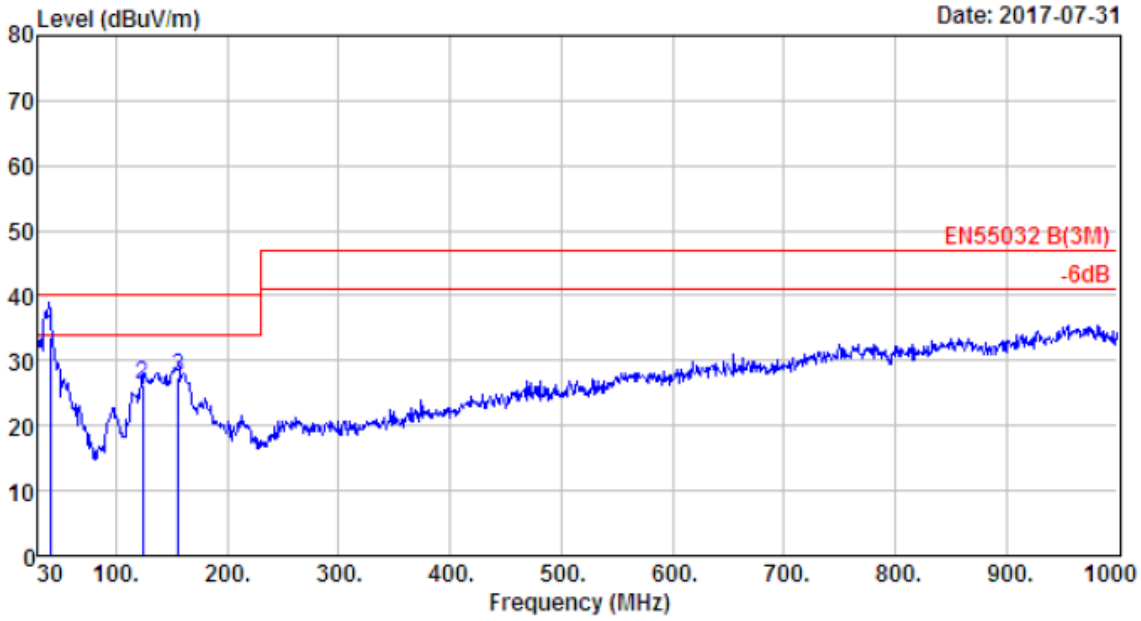



```
Site no.       : 2# 966 chamber              Data no.   : 10
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20175401200D
Test Mode      : Full Load(Output:54V/1.2A)
                 Y+Y
```

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.640	11.73	1.18	12.13	25.04	40.00	14.96	QP
2	69.770	5.52	0.91	22.37	28.80	40.00	11.20	QP
3	103.720	9.94	1.59	13.59	25.12	40.00	14.88	QP
4	128.940	11.20	1.53	10.02	22.75	40.00	17.25	QP
5	186.170	8.36	1.96	12.61	22.93	40.00	17.07	QP
6	205.570	8.09	1.91	11.58	21.58	40.00	18.42	QP

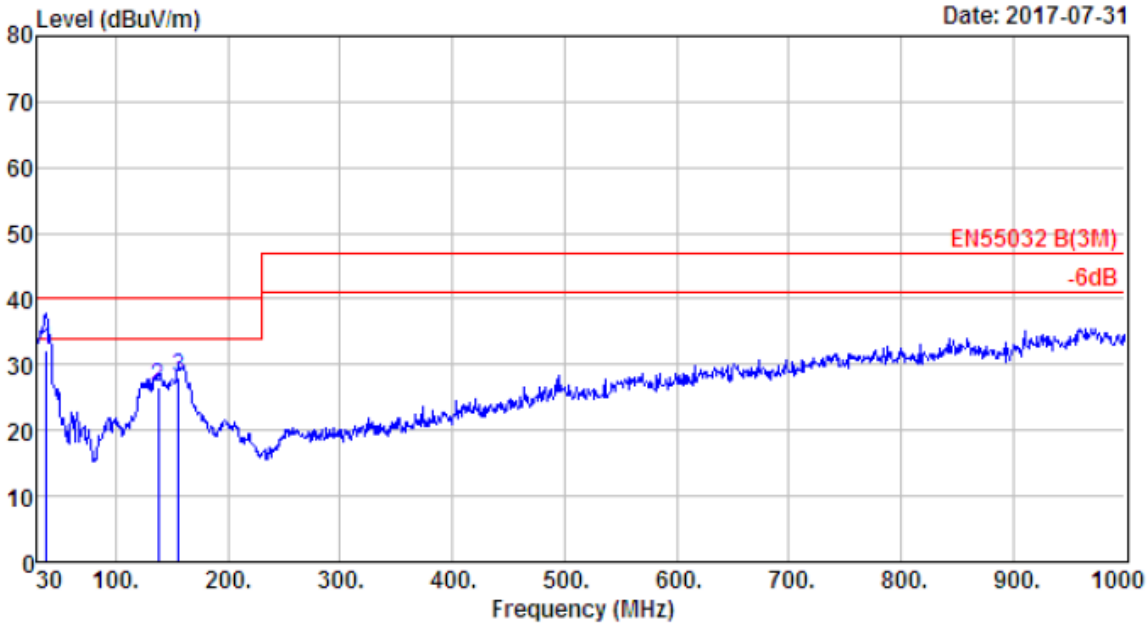



```
Site no.       : 2# 966 chamber              Data no.   : 1
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000D
Test Mode      : Full Load(Output:9V/6A)
                 Y+Y
```



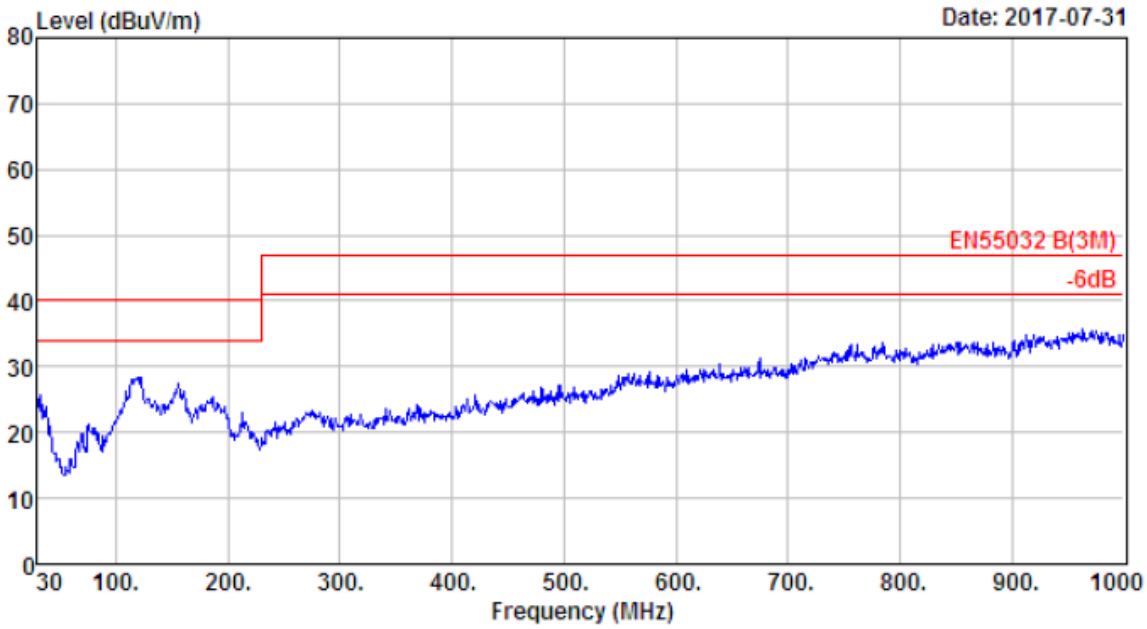
Site no. : 2# 966 chamber Data no. : 2
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20170906000D
Test Mode : Full Load(Output:9V/6A)
Y+Y

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.540	12.31	1.16	20.09	33.56	40.00	6.44	QP
2	124.090	11.22	1.41	13.50	26.13	40.00	13.87	QP
3	156.100	10.41	1.81	15.31	27.53	40.00	12.47	QP

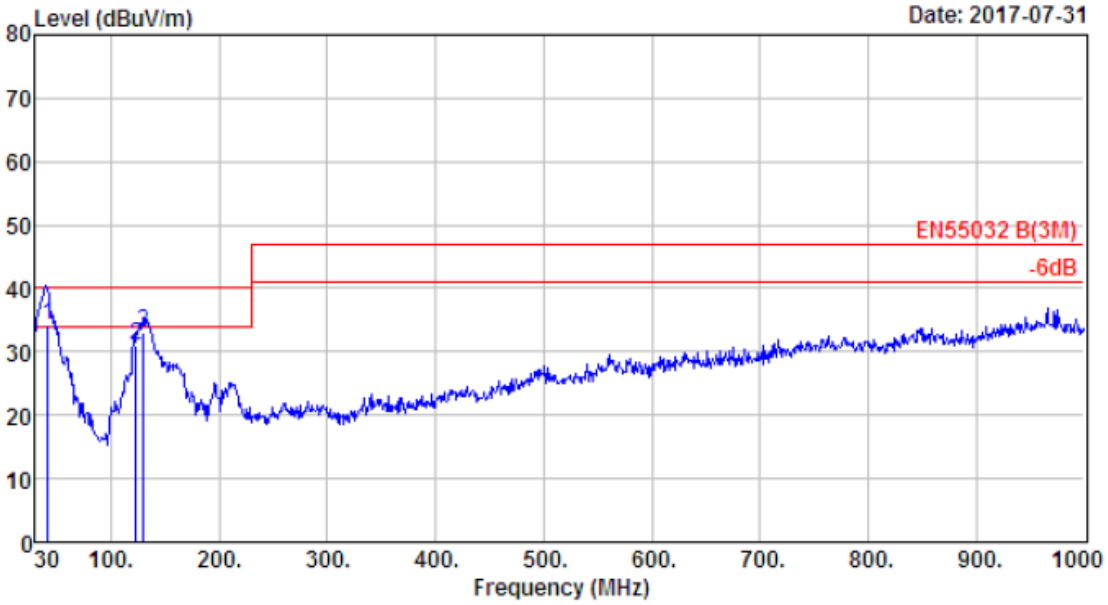


Site no. : 2# 966 chamber Data no. : 3
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20170906000D
Test Mode : Full Load(Output:9V/6A)
Y+Y

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	38.450	13.53	1.08	17.70	32.31	40.00	7.69	QP
2	137.670	11.28	1.69	13.69	26.66	40.00	13.34	QP
3	156.100	10.41	1.81	15.82	28.04	40.00	11.96	QP

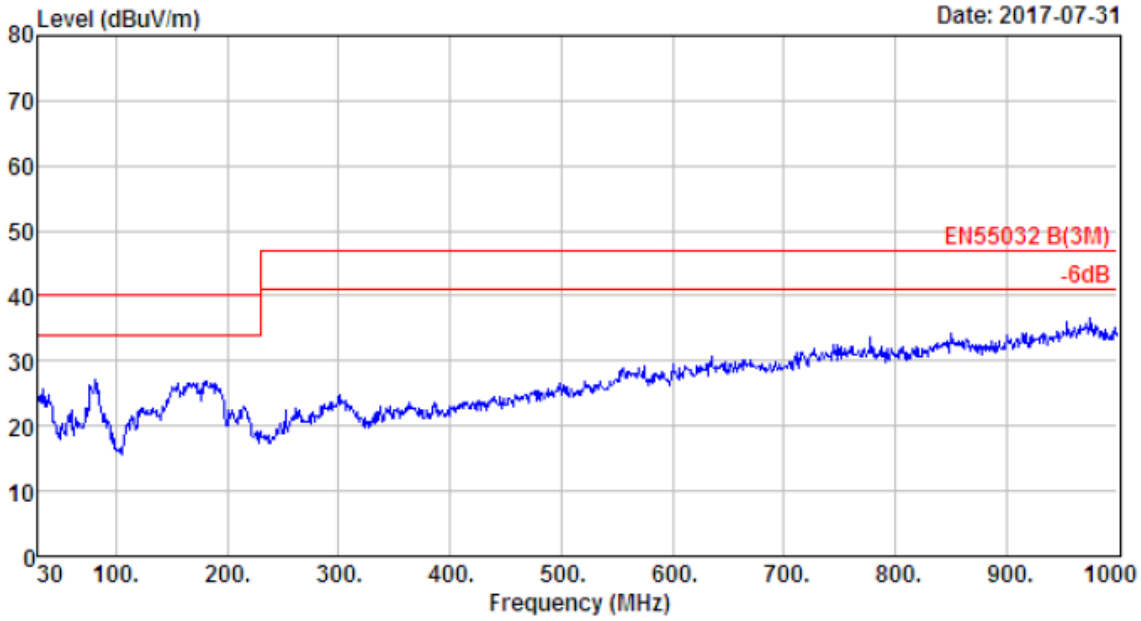



```
Site no.      : 2# 966 chamber              Data no.   : 4
Dis. / Ant.   : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20170906000D
Test Mode     : Full Load(Output:9V/6A)
                Y+Y
```

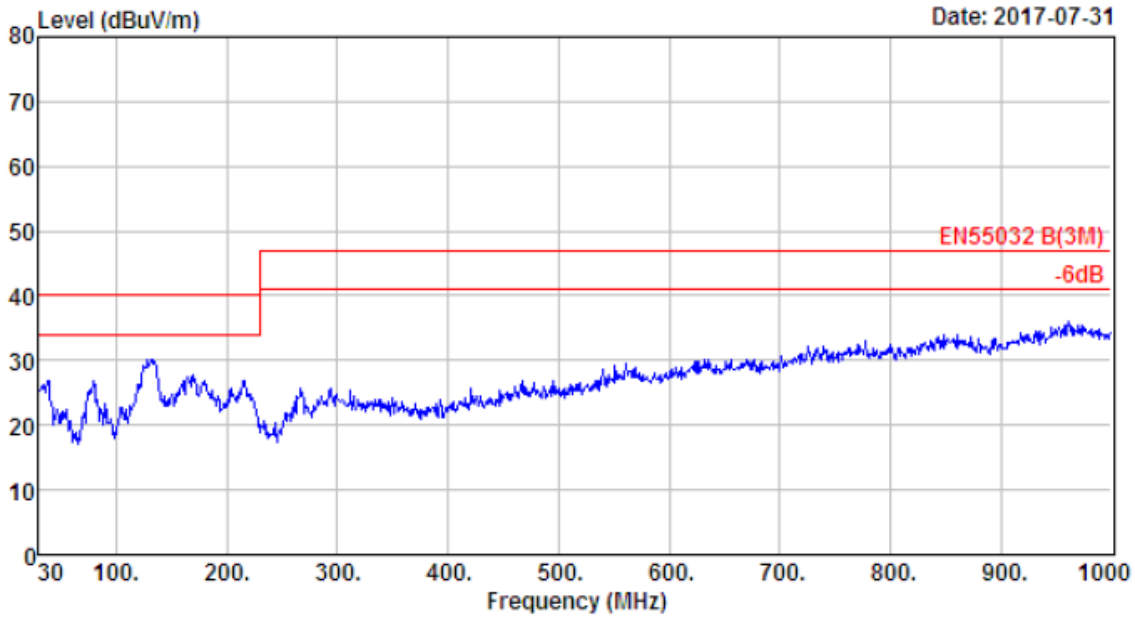


Site no. : 2# 966 chamber Data no. : 5
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20173301970D
Test Mode : Full Load(Output:33V/1.97A)
Y+Y

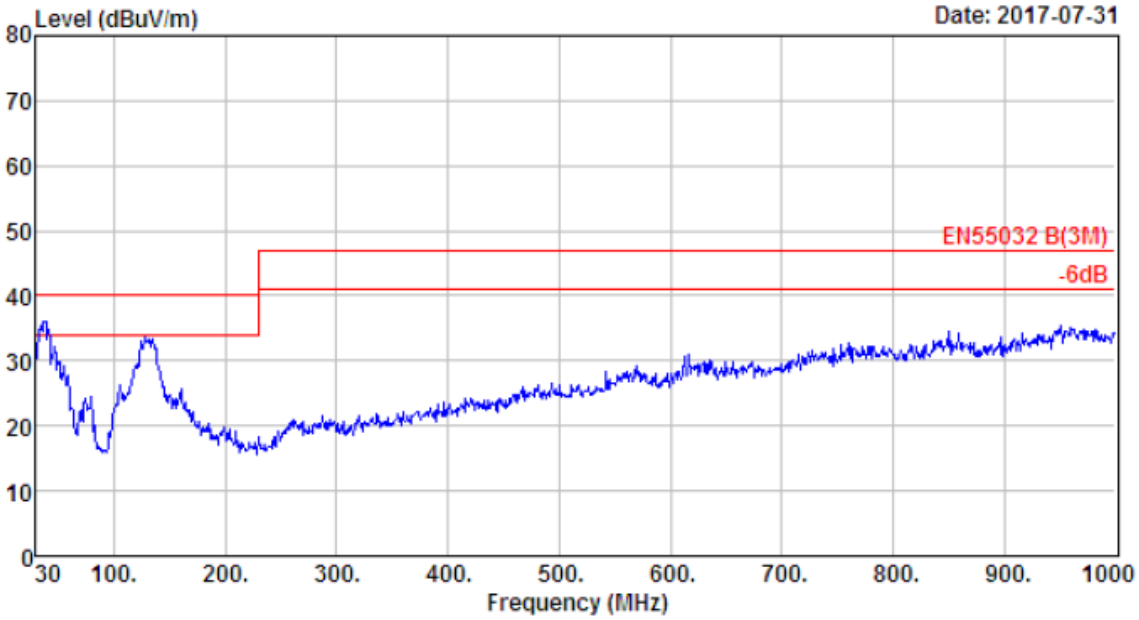
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.670	11.73	1.18	21.20	34.11	40.00	5.89	QP
2	123.120	11.19	1.37	18.34	30.90	40.00	9.10	QP
3	129.910	11.19	1.61	20.35	33.15	40.00	6.85	QP



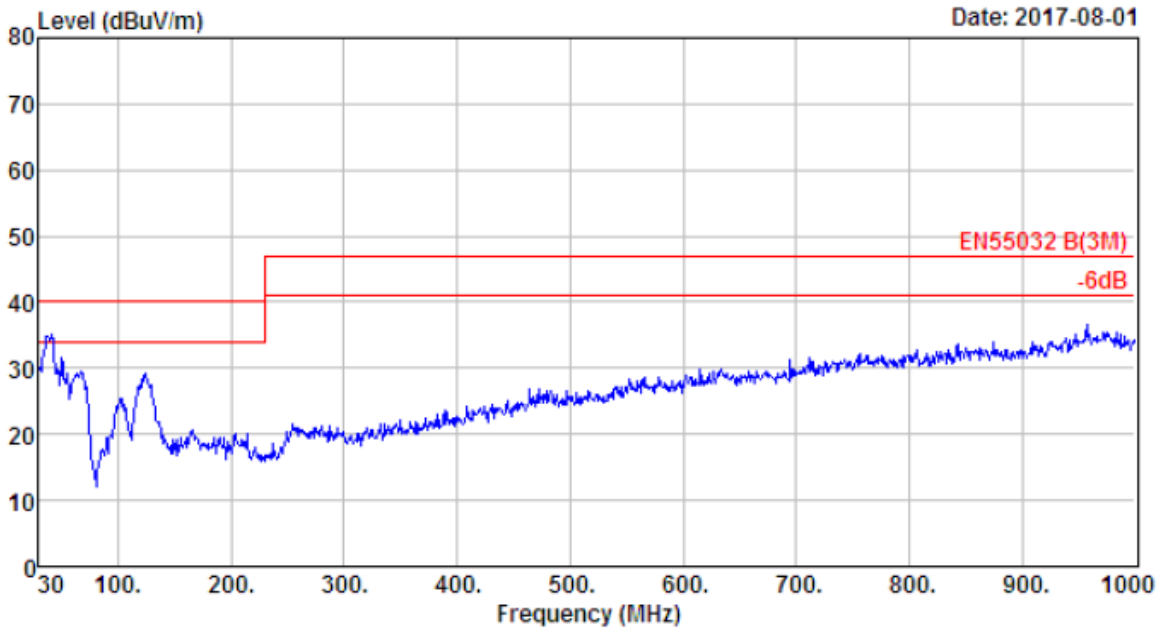

```
Site no.       : 2# 966 chamber              Data no.  : 6
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20173301970D
Test Mode      : Full Load(Output:33V/1.97A)
                 Y+Y
```



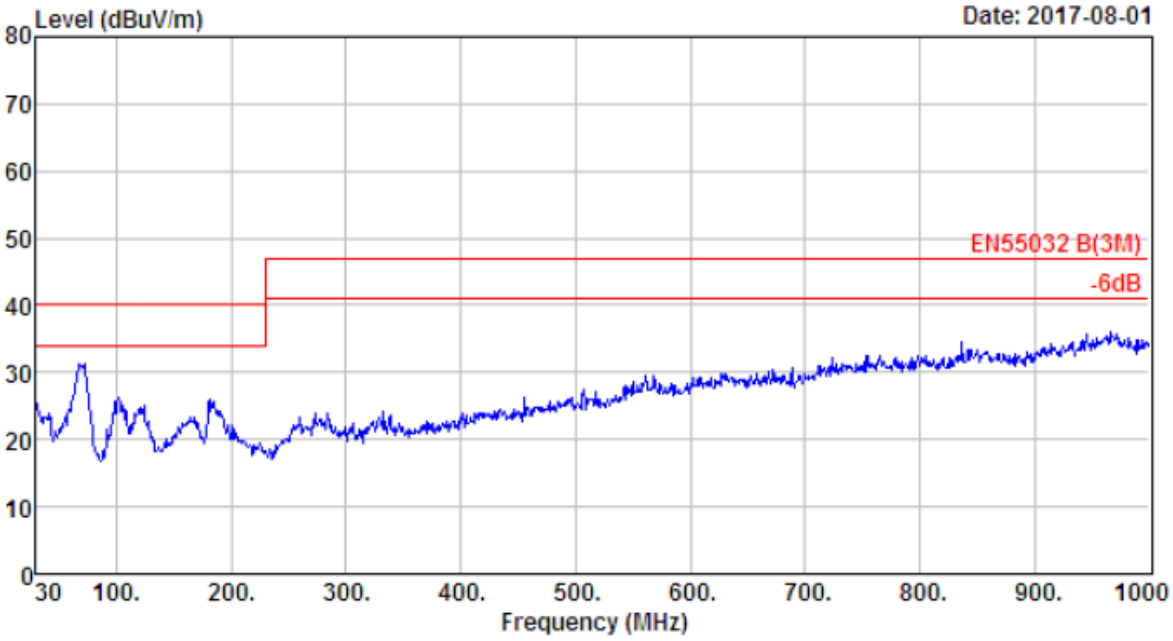

```
Site no.       : 2# 966 chamber              Data no.  : 7
Dis. / Ant.    : 3m   37062                  Ant. pol. : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20173301970D
Test Mode      : Full Load(Output:33V/1.97A)
                 Y+Y
```



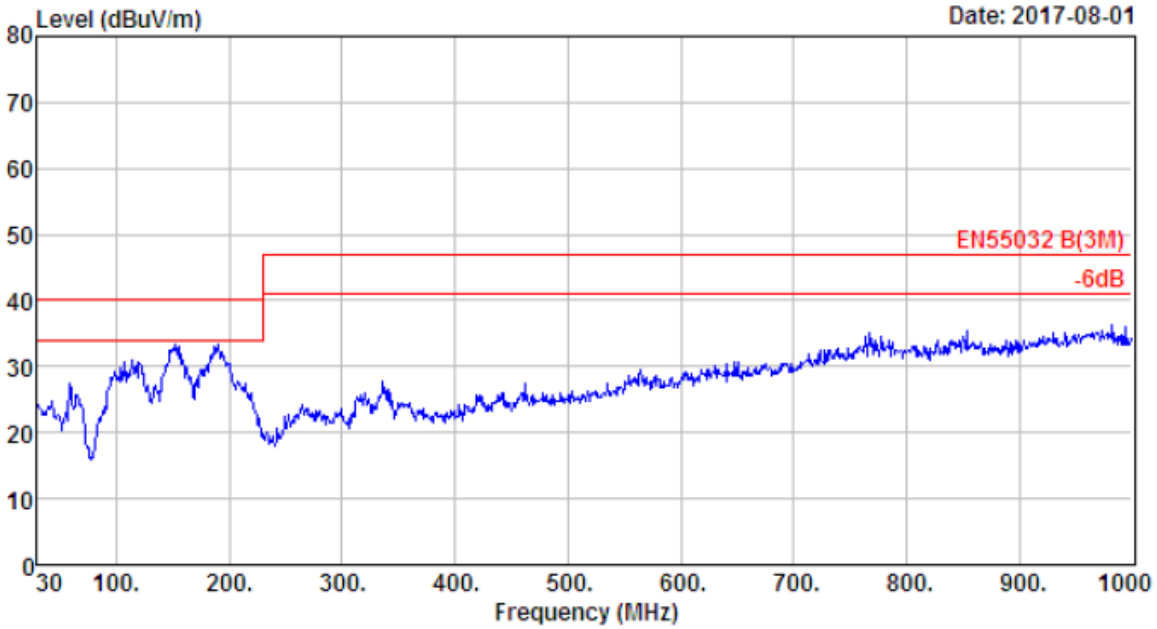

```
Site no.      : 2# 966 chamber              Data no.   : 8
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20173301970D
Test Mode     : Full Load(Output:33V/1.97A)
                Y+Y
```



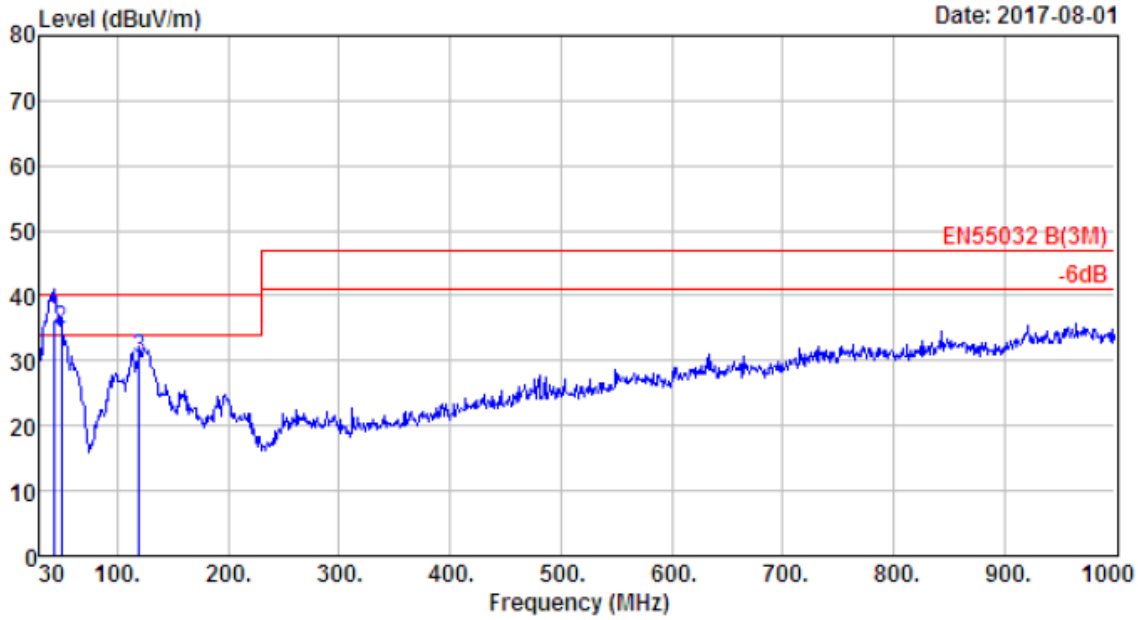

```
Site no.       : 2# 966 chamber              Data no.   : 11
Dis. / Ant.    : 3m   37062                  Ant. pol.  : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20175401200D
Test Mode      : Full Load(Output:54V/1.2A)
                 Y+Y
```




```
Site no.      : 2# 966 chamber              Data no.  : 12
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20175401200D
Test Mode     : Full Load(Output:54V/1.2A)
                Y+Y
```

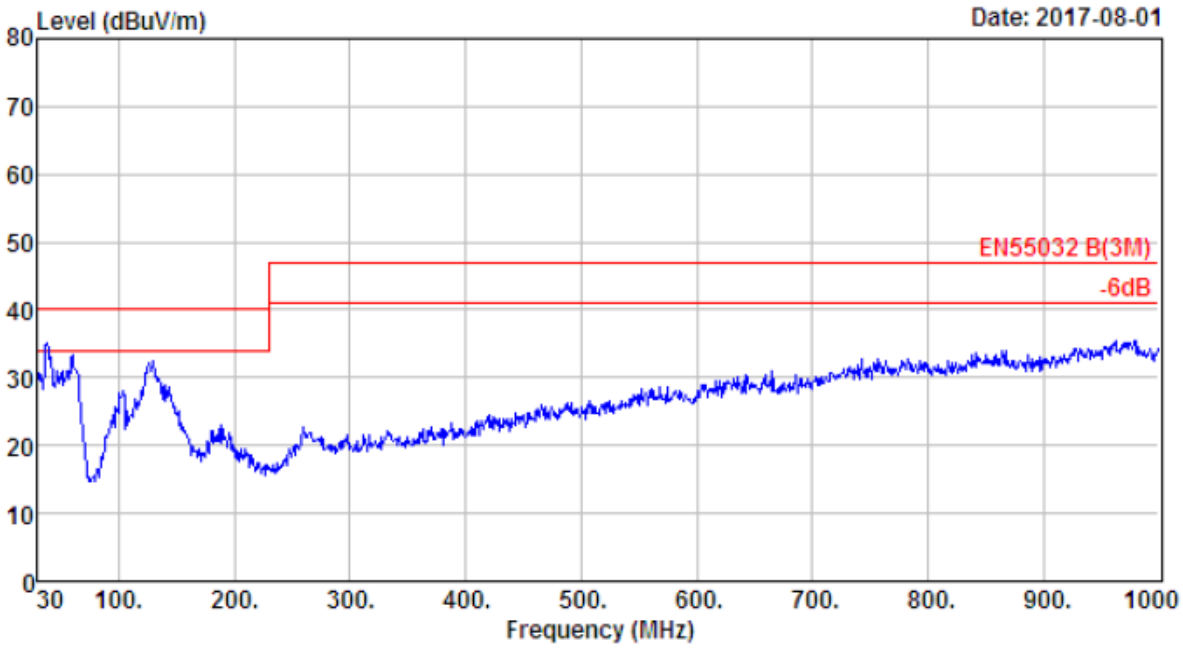



```
Site no.       : site                          Data no.   : 13
Dis. / Ant.    : 3m   37062                    Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20171086000D
Test Mode      : Full Load(Output:10.8V/6A)
                 Y+Y
```

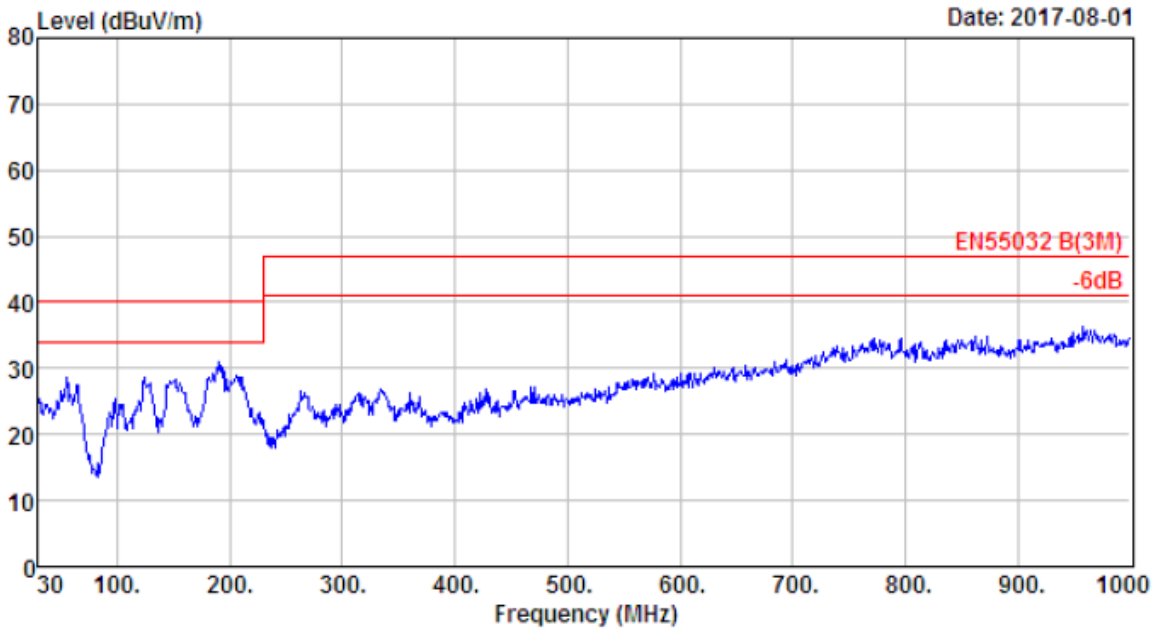


Site no. : 2# 966 chamber Data no. : 14
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20171086000D
Test Mode : Full Load(Output:10.8V/6A)
Y+Y

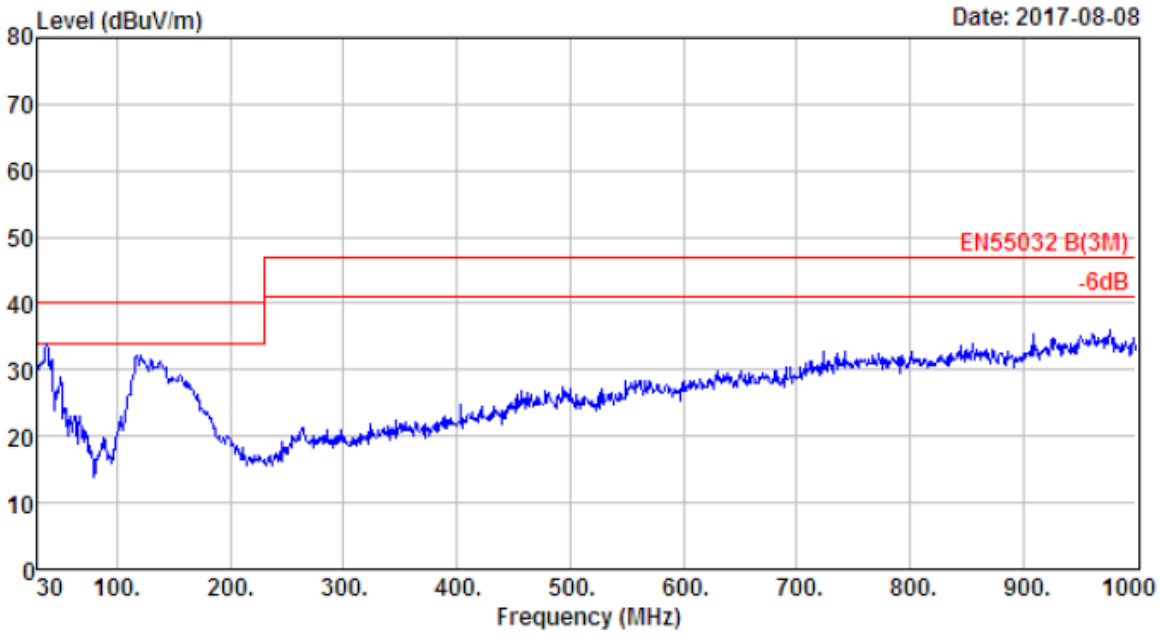
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	43.300	10.72	1.17	24.40	36.29	40.00	3.71	QP
2	49.400	8.11	1.17	25.47	34.75	40.00	5.25	QP
3	119.240	11.09	1.37	17.84	30.30	40.00	9.70	QP



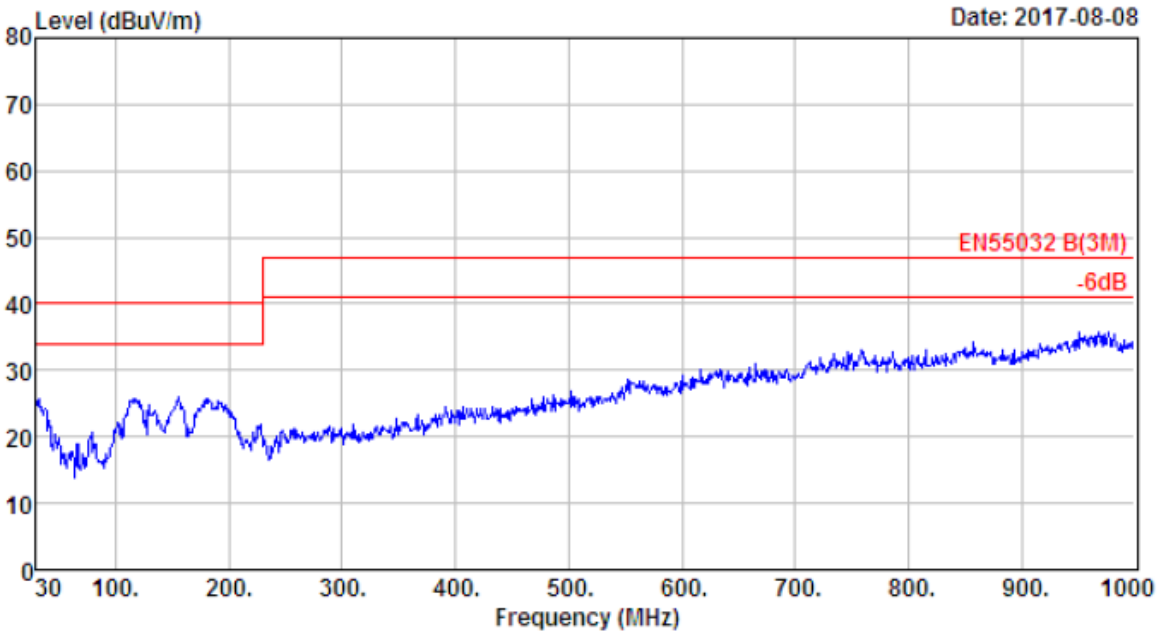

```
Site no.      : 2# 966 chamber              Data no.  : 15
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20171086000D
Test Mode     : Full Load(Output:10.8V/6A)
                Y+Y
```



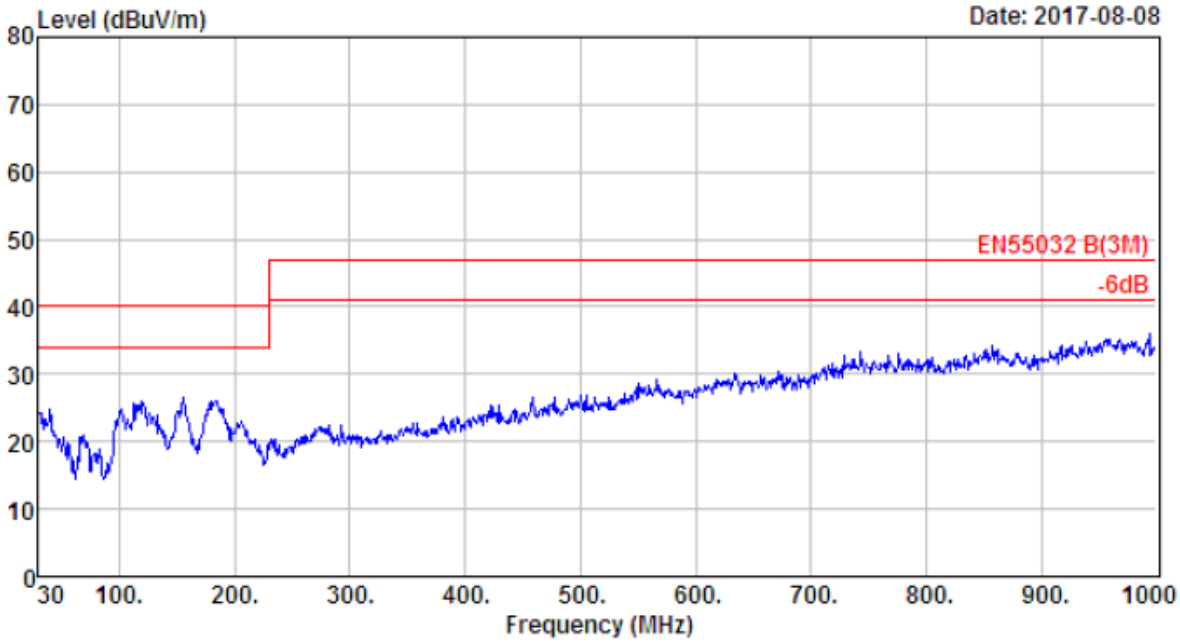

```
Site no.       : 2# 966 chamber              Data no.   : 16
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000D
Test Mode      : Full Load(Output:10.8V/6A)
                 Y+Y
```



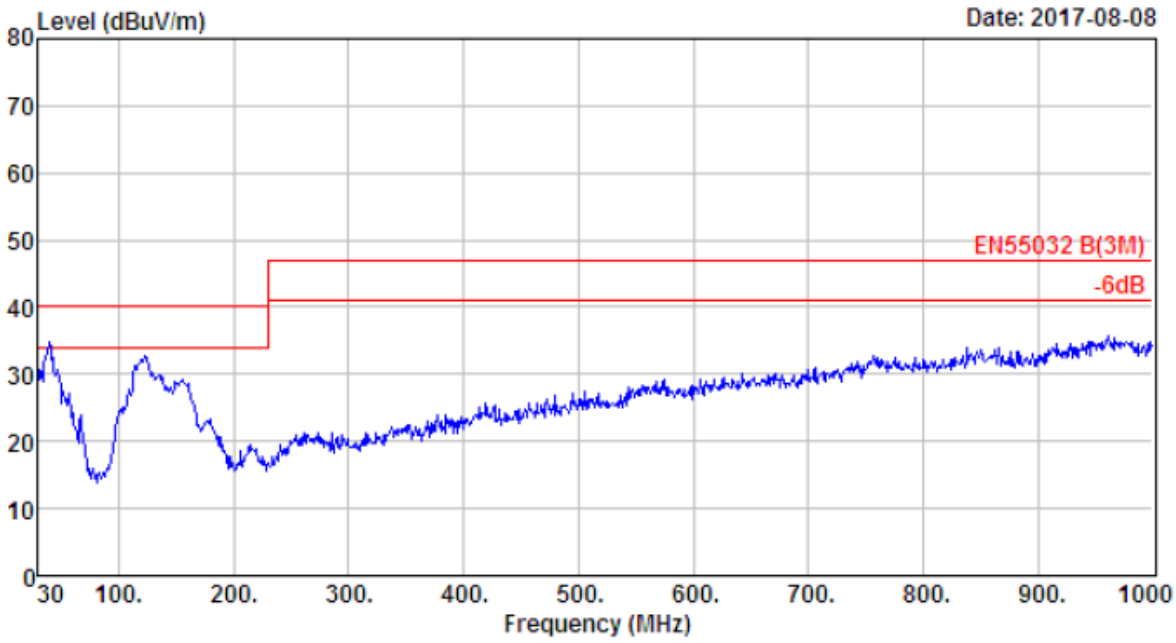

```
Site no.       : 2# 966 chamber              Data no.   : 17
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20170906000D
Test Mode      : Full Load(Output:9V/6A)
                 Y
```



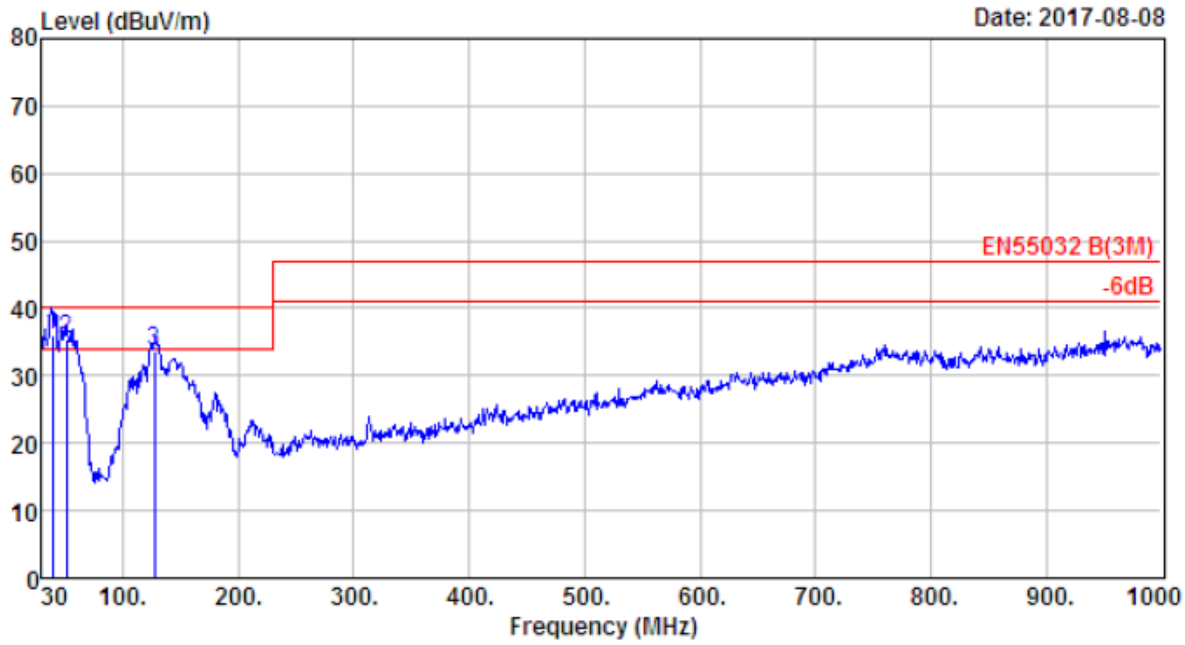

```
Site no.      : 2# 966 chamber              Data no.  : 18
Dis. / Ant.   : 3m   37062                  Ant. pol. : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20170906000D
Test Mode     : Full Load(Output:9V/6A)
                Y
```




```
Site no.       : 2# 966 chamber              Data no.   : 19
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20170906000D
Test Mode      : Full Load(Output:9V/6A)
                 Y
```

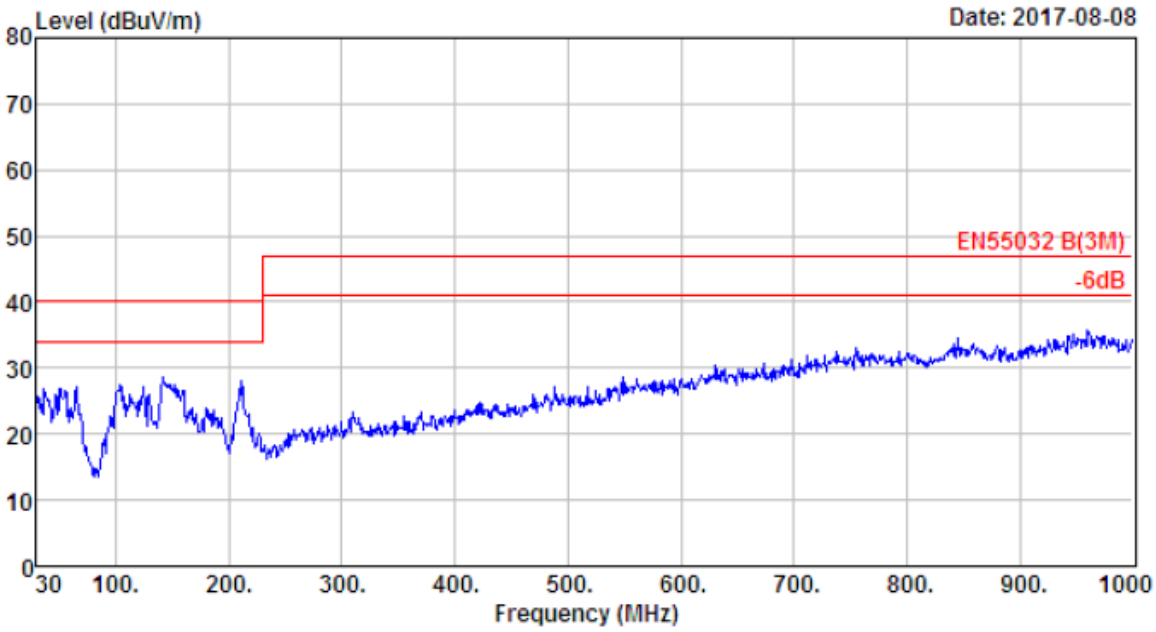


Site no. : 2# 966 chamber Data no. : 20
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20170906000D
Test Mode : Full Load(Output:9V/6A)
Y

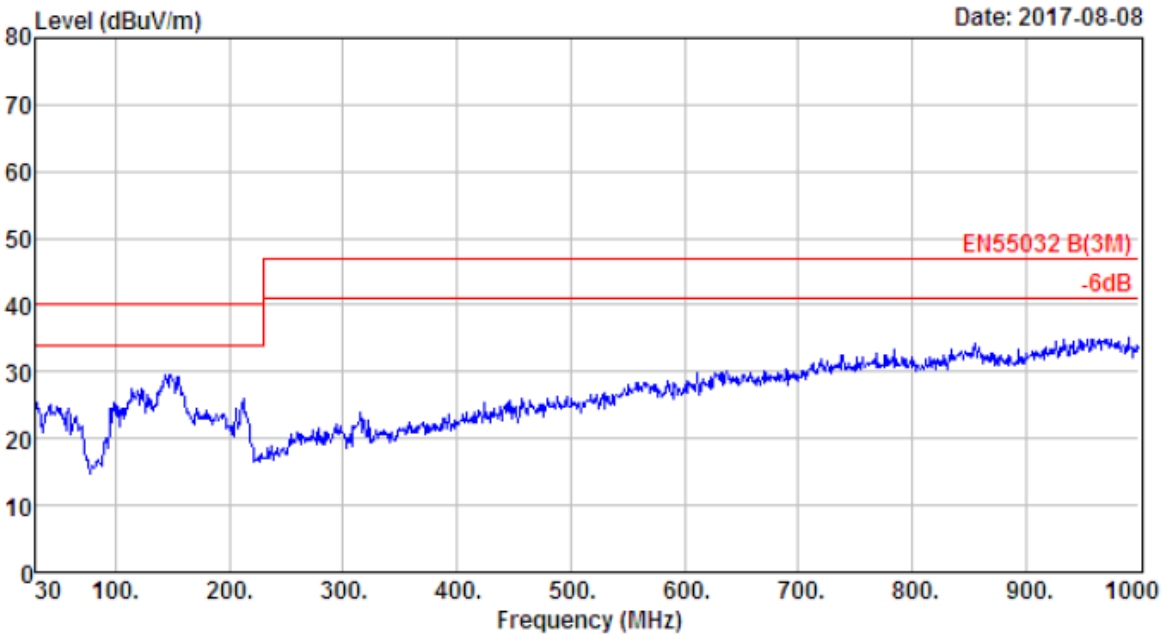


Site no. : 2# 966 chamber Data no. : 21
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20171086000D
Test Mode : Full Load(Output:10.8V/6A)
Y

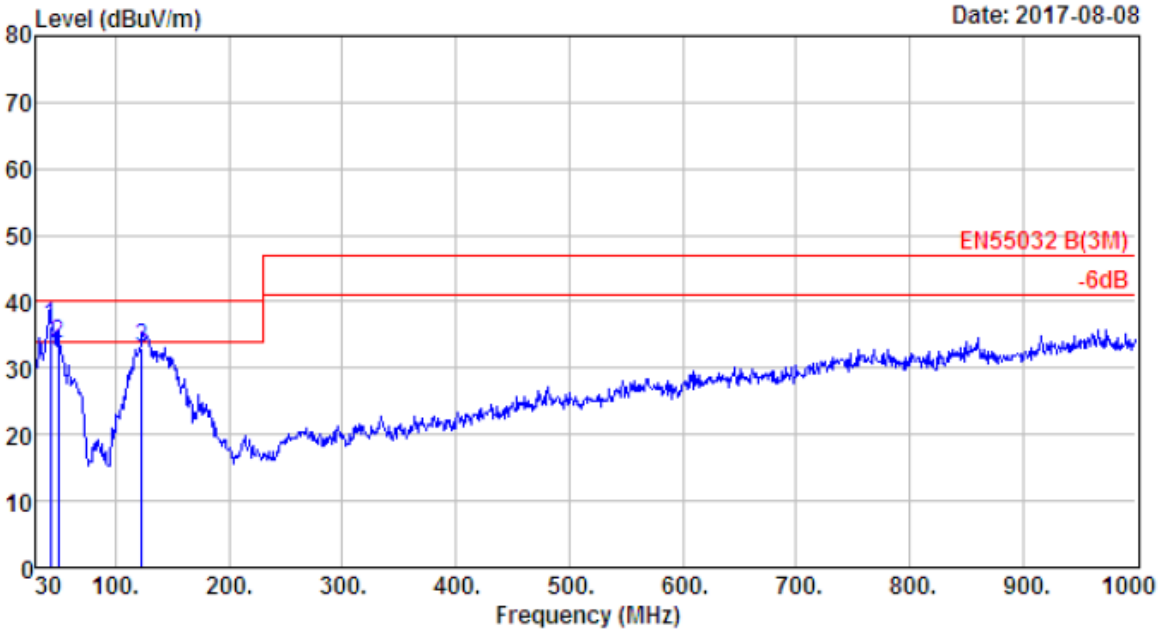
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	38.580	13.53	1.08	21.30	35.91	40.00	4.09	QP
2	51.340	7.11	1.38	26.93	35.42	40.00	4.58	QP
3	127.000	11.22	1.47	20.93	33.62	40.00	6.38	QP




```
Site no.       : 2# 966 chamber              Data no.   : 22
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20171086000D
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```

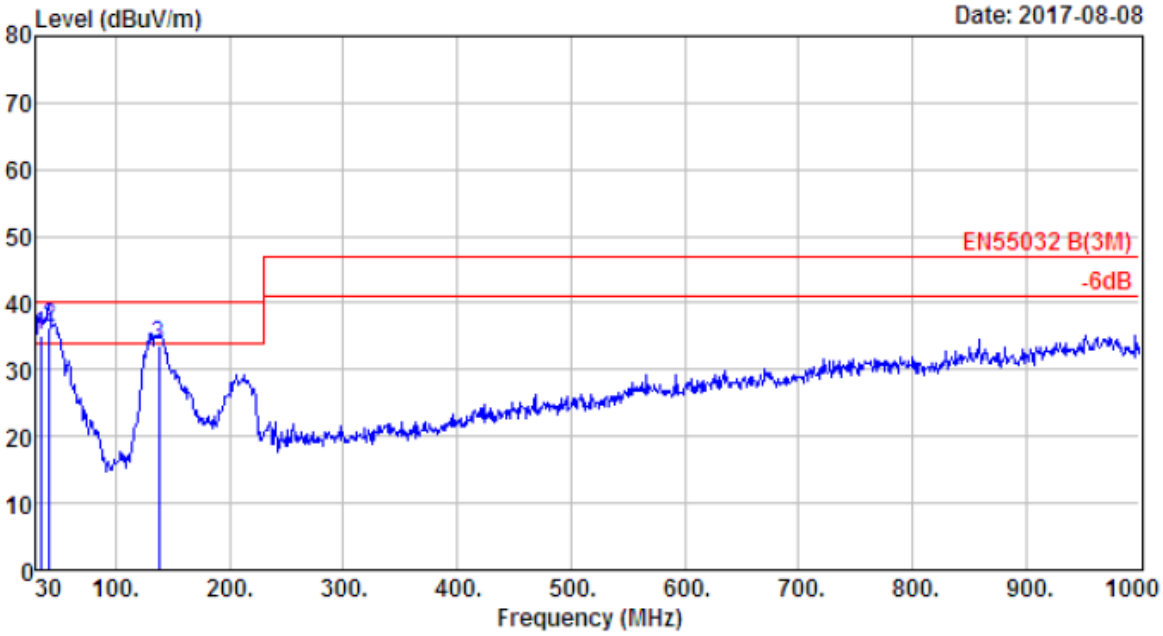



```
Site no.      : 2# 966 chamber              Data no.   : 23
Dis. / Ant.   : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20171086000D
Test Mode     : Full Load(Output:10.8V/6A)
                Y
```



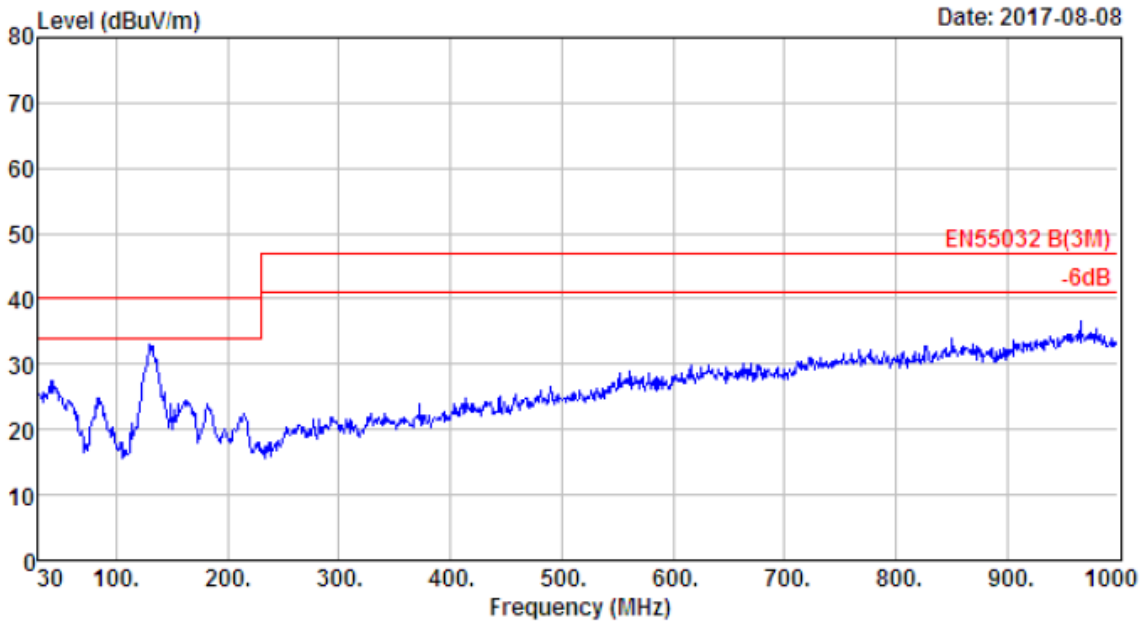

```
Site no.       : 2# 966 chamber              Data no.   : 24
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20171086000D
Test Mode      : Full Load(Output:10.8V/6A)
                 Y
```

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.730	11.23	1.18	23.99	36.40	40.00	3.60	QP
2	49.400	8.11	1.17	24.32	33.60	40.00	6.40	QP
3	123.120	11.19	1.37	20.64	33.20	40.00	6.80	QP

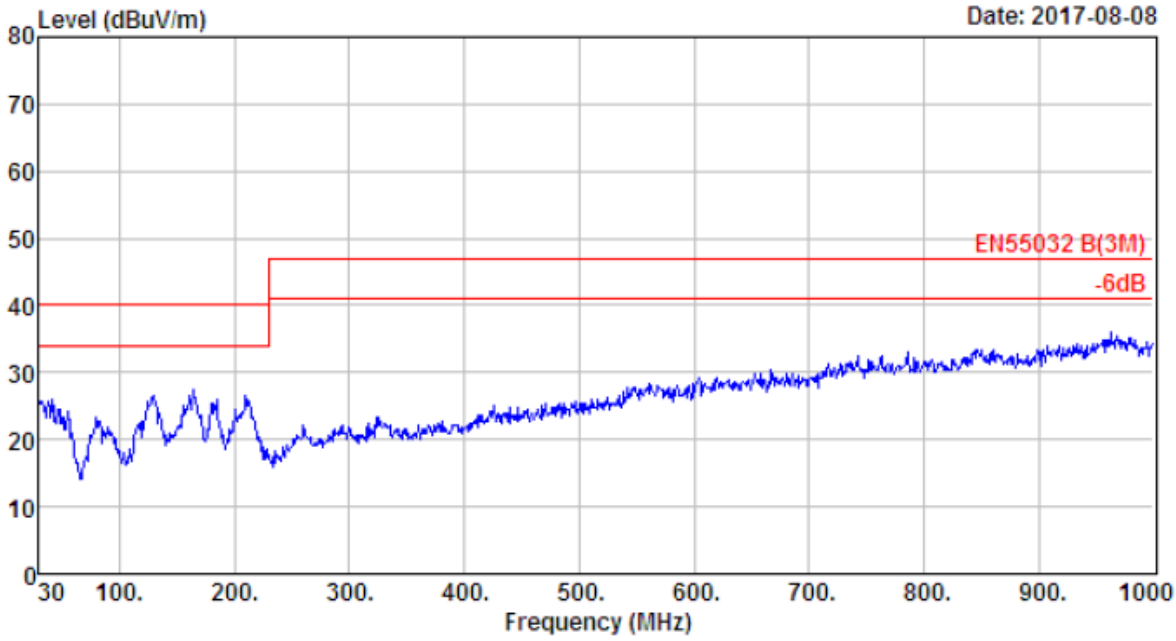


Site no. : 2# 966 chamber Data no. : 25
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 110V/60Hz
M/N : FJ-SW20173301970D
Test Mode : Full Load(Output:33V/1.97A)
Y

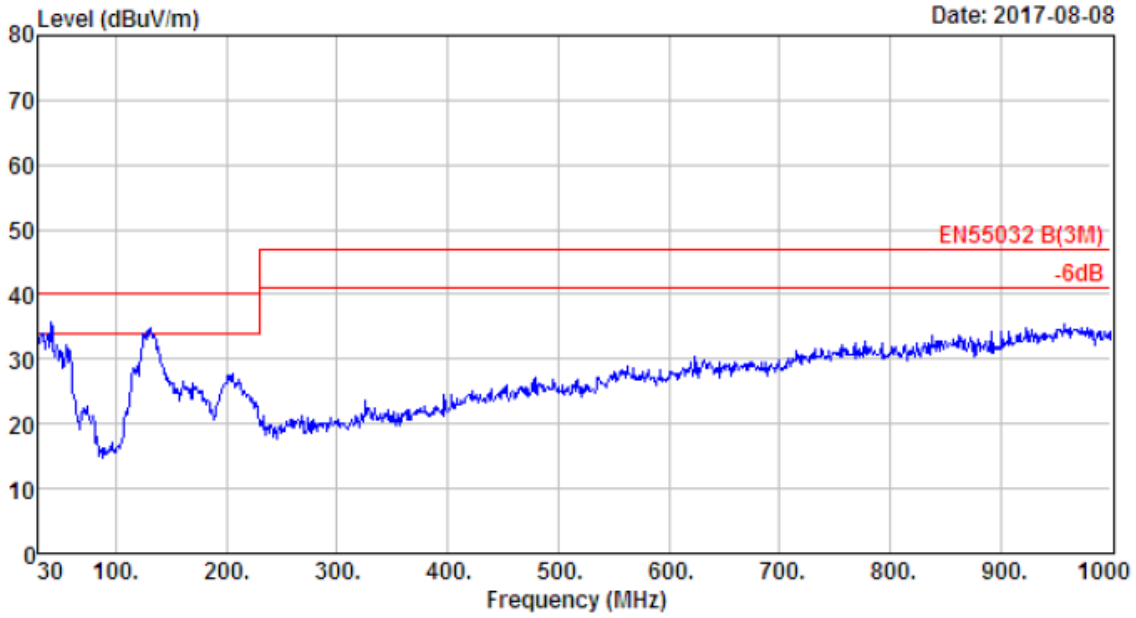
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.880	16.04	1.06	17.94	35.04	40.00	4.96	QP
2	41.840	11.73	1.18	23.50	36.41	40.00	3.59	QP
3	137.670	11.28	1.69	20.57	33.54	40.00	6.46	QP



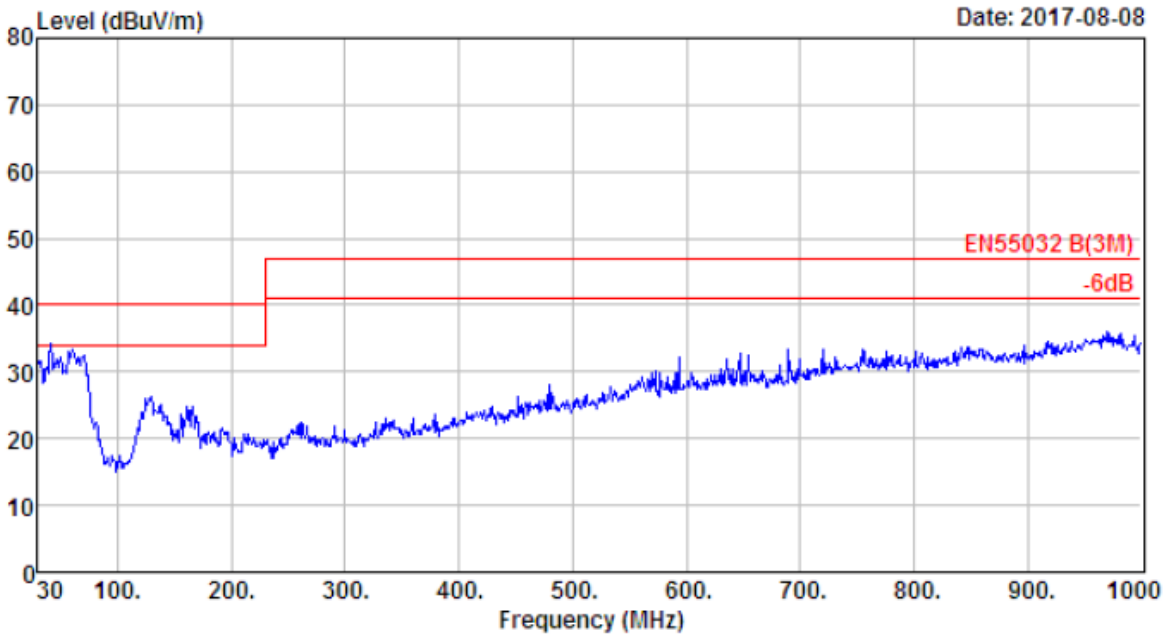

```
Site no.      : 2# 966 chamber              Data no.   : 26
Dis. / Ant.   : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 110V/60Hz
M/N           : FJ-SW20173301970D
Test Mode     : Full Load(Output:33V/1.97A)
                Y
```



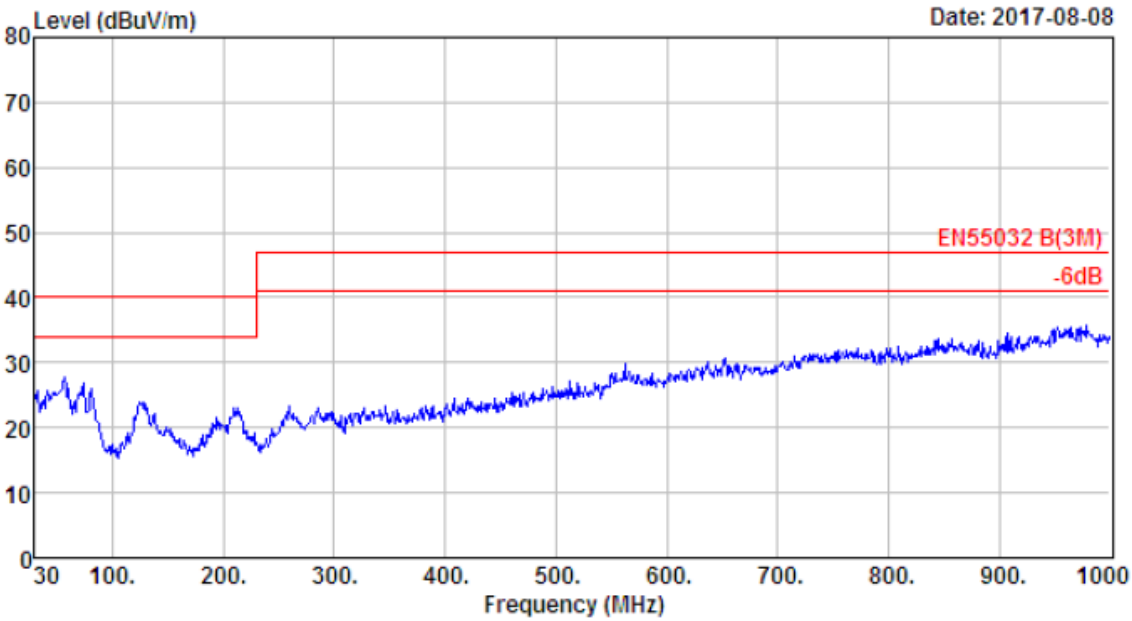

```
Site no.       : 2# 966 chamber              Data no.   : 27
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 230V/50Hz
M/N            : FJ-SW20173301970D
Test Mode      : Full Load(Output:33V/1.97A)
                 Y
```



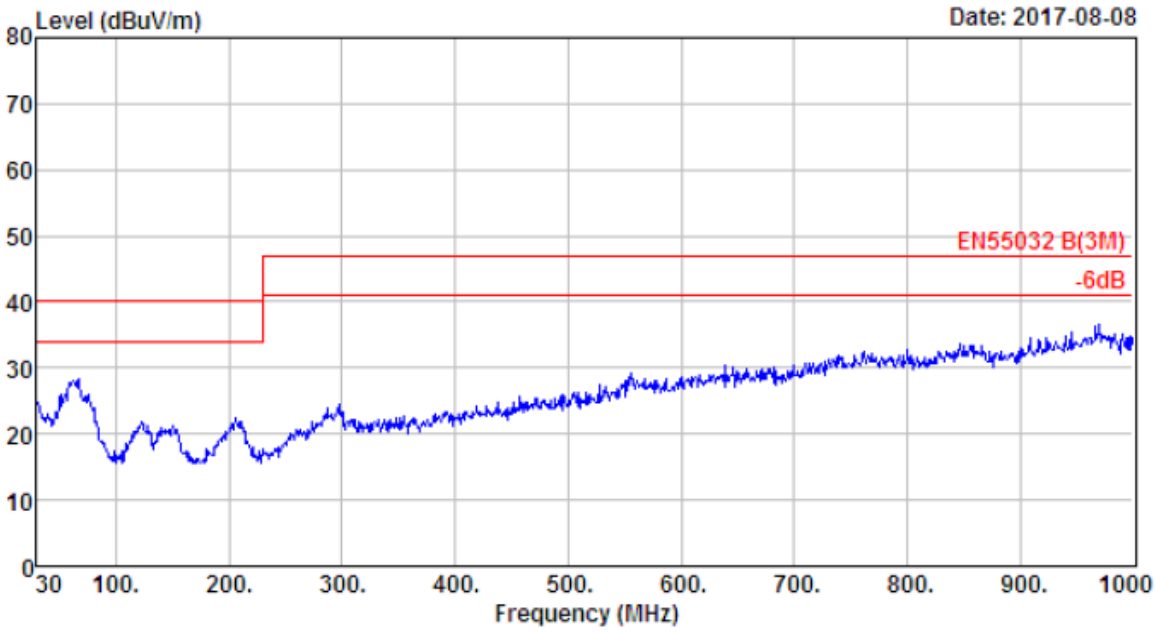

```
Site no.      : 2# 966 chamber              Data no.  : 28
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20173301970D
Test Mode     : Full Load(Output:33V/1.97A)
                Y
```



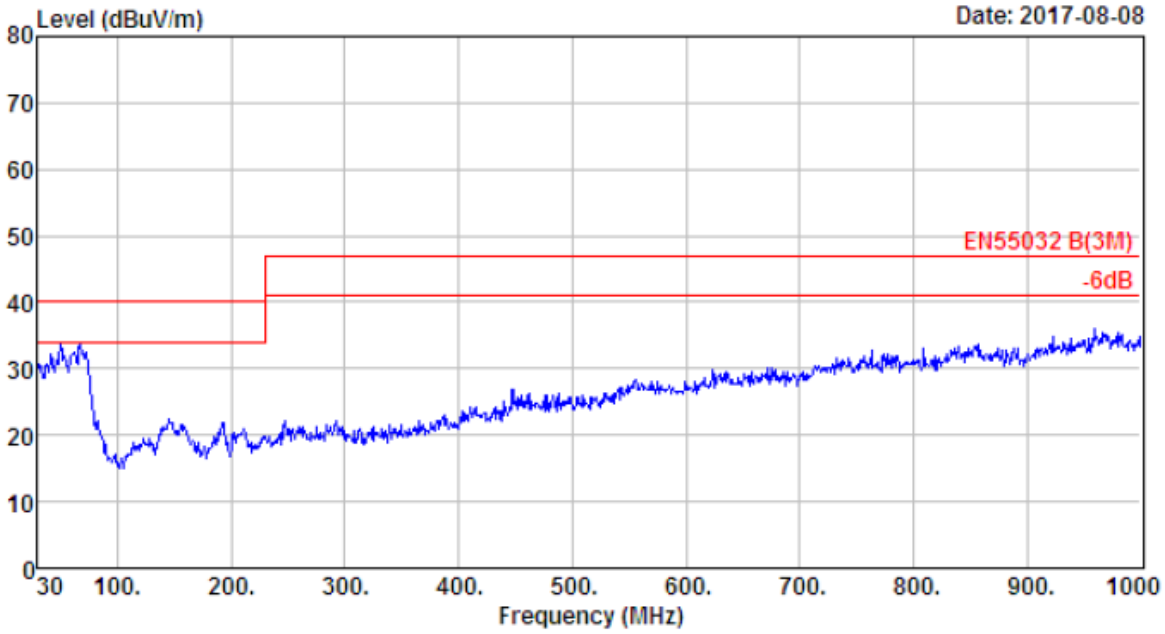

```
Site no.      : 2# 966 chamber              Data no.   : 29
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20175401200D
Test Mode     : Full Load(Output:54V/1.2A)
                Y
```



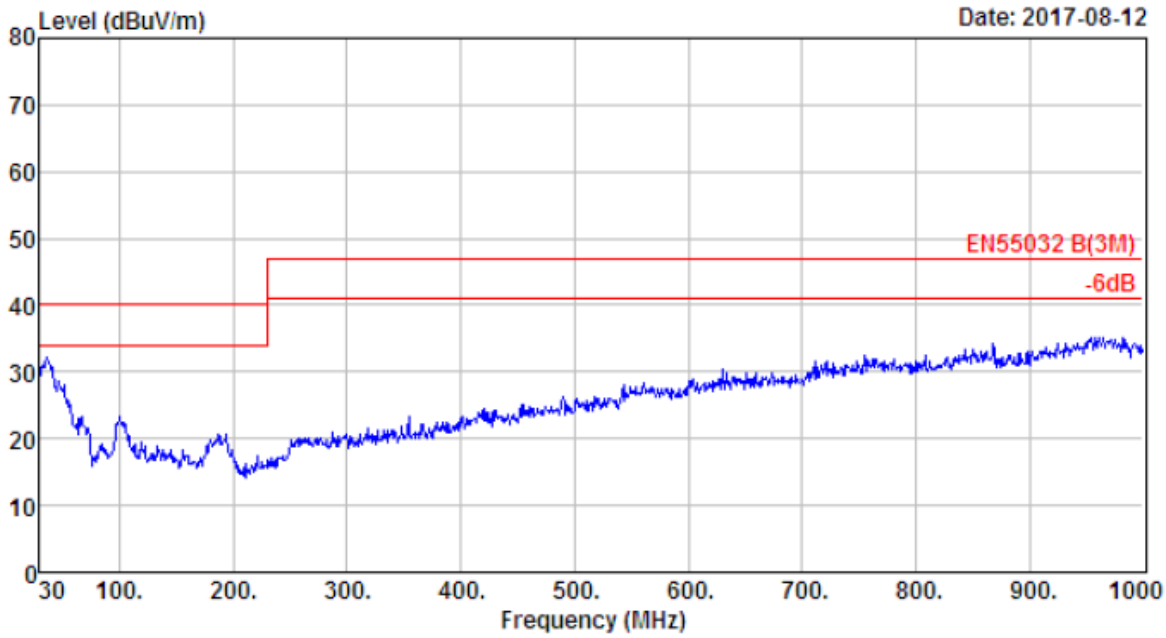

```
Site no.      : 2# 966 chamber              Data no.   : 30
Dis. / Ant.   : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit         : EN55032 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Hale
EUT           : Switching Adaptor
Power         : AC 230V/50Hz
M/N           : FJ-SW20175401200D
Test Mode     : Full Load(Output:54V/1.2A)
                Y
```



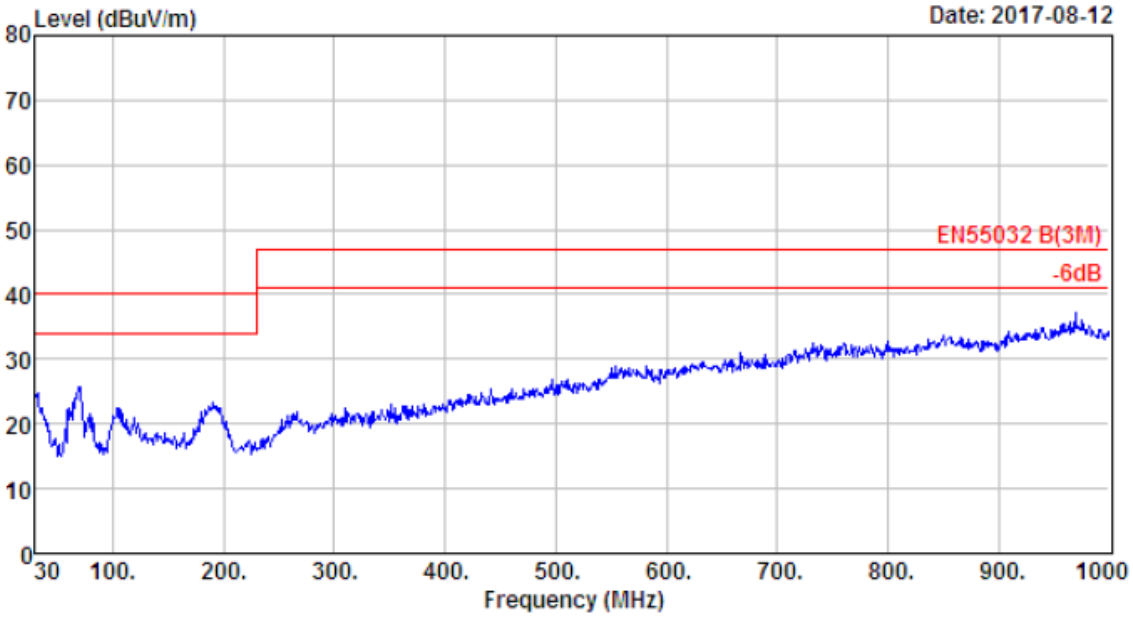

```
Site no.       : 2# 966 chamber              Data no.   : 31
Dis. / Ant.    : 3m   37062                  Ant. pol.  : HORIZONTAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20175401200D
Test Mode      : Full Load(Output:54V/1.2A)
                 Y
```



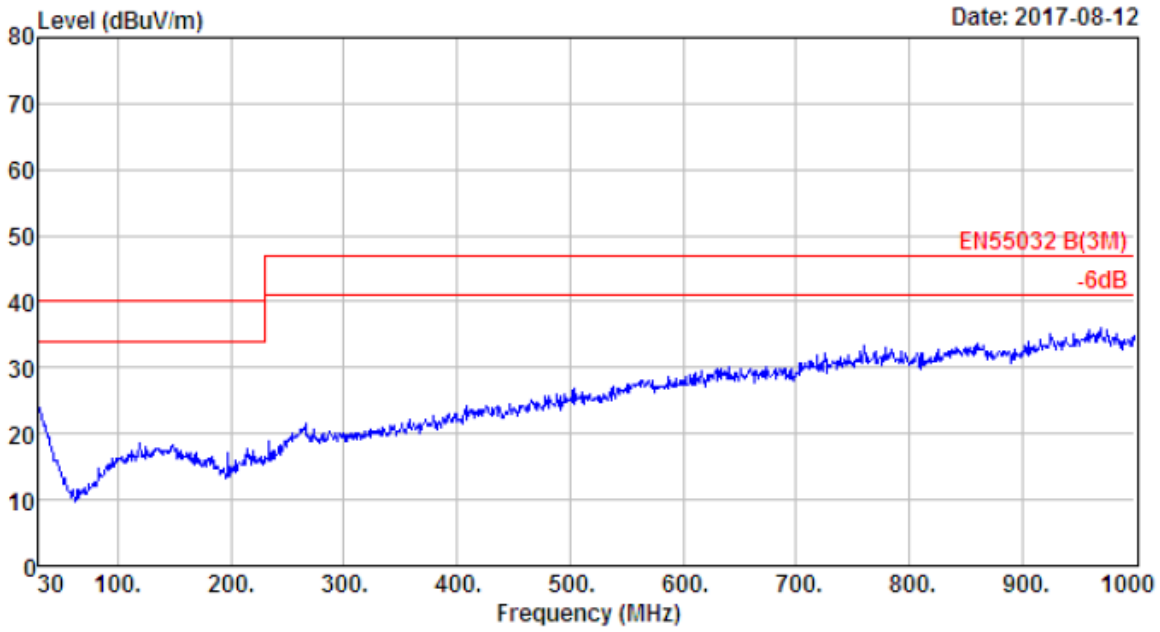

```
Site no.       : 2# 966 chamber              Data no.   : 32
Dis. / Ant.    : 3m   37062                  Ant. pol. : VERTICAL
Limit          : EN55032 B(3M)
Env. / Ins.    : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer       : Hale
EUT            : Switching Adaptor
Power          : AC 110V/60Hz
M/N            : FJ-SW20175401200D
Test Mode      : Full Load(Output:54V/1.2A)
                 Y
```



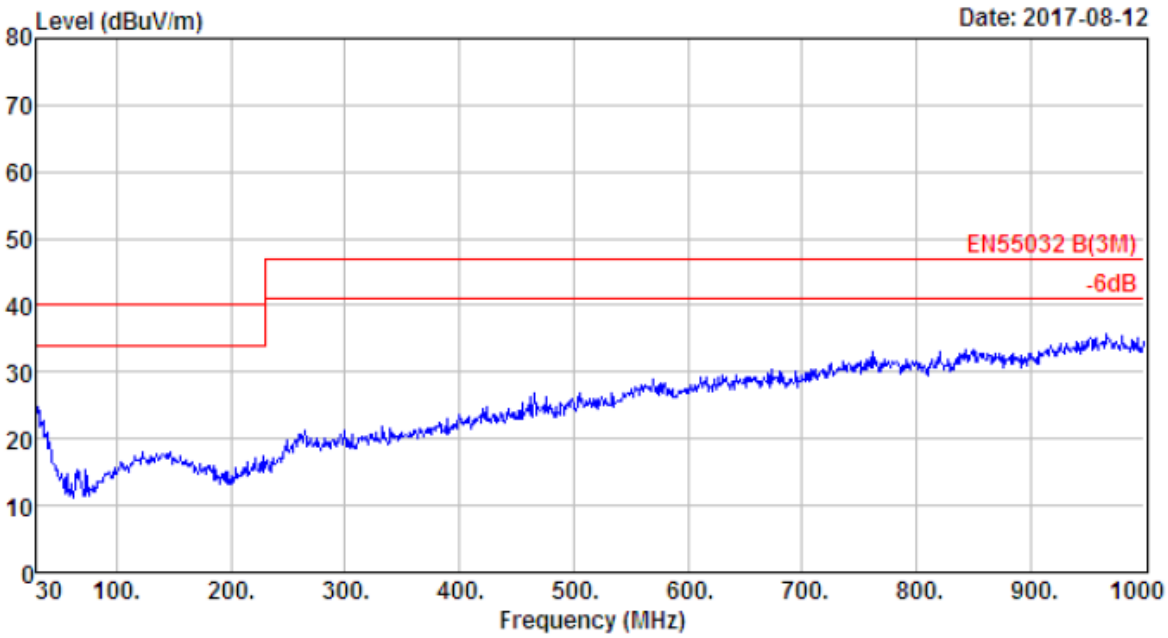
Site no. : 2# 966 chamber Data no. : 33
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : Half Load(Output:54V/0.6A)
Y+Y



Site no. : 2# 966 chamber Data no. : 34
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : Half Load(Output:54V/0.6A)
Y+Y



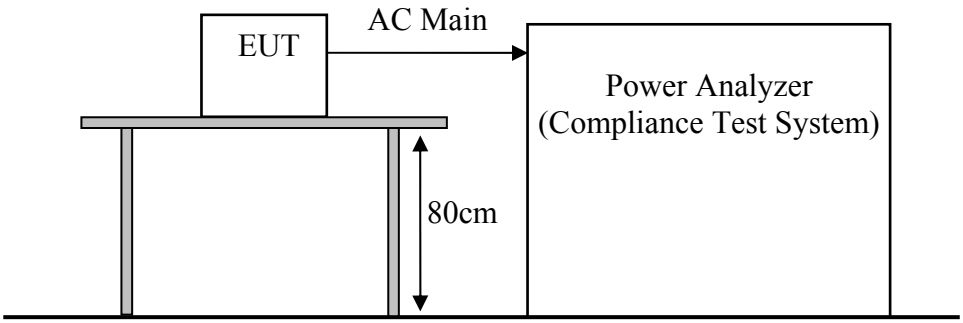
Site no. : 2# 966 chamber Data no. : 35
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : No Load
Y+Y



Site no. : 2# 966 chamber Data no. : 36
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Hale
EUT : Switching Adaptor
Power : AC 230V/50Hz
M/N : FJ-SW20175401200D
Test Mode : No Load
Y+Y

4.3. Harmonic Current Emissions on AC Mains Test

RESULT	**:**	**Pass**
Test procedure	:	EN IEC 61000-3-2:2019
Measured harmonics	:	1～40th
Limits	:	EN IEC 61000-3-2:2019

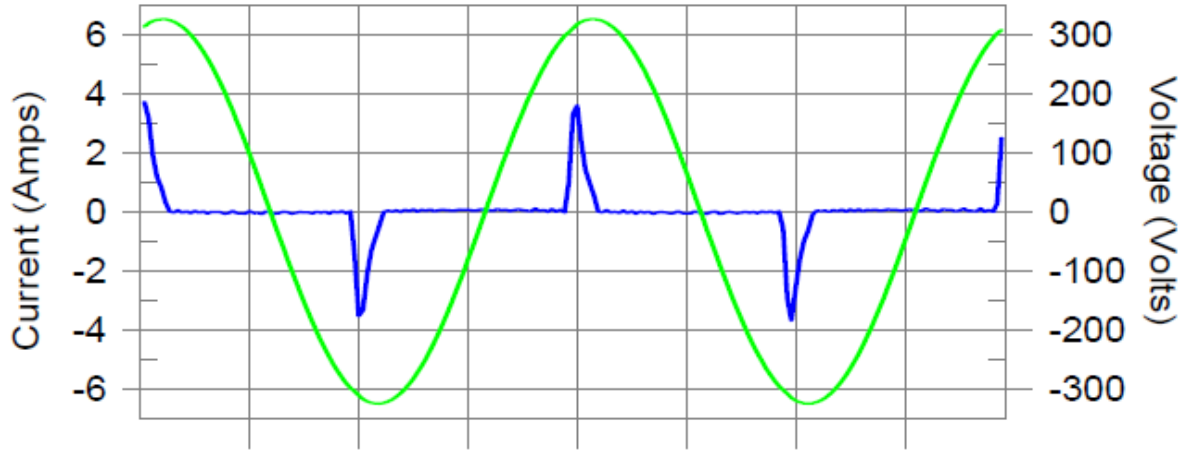


Test Data

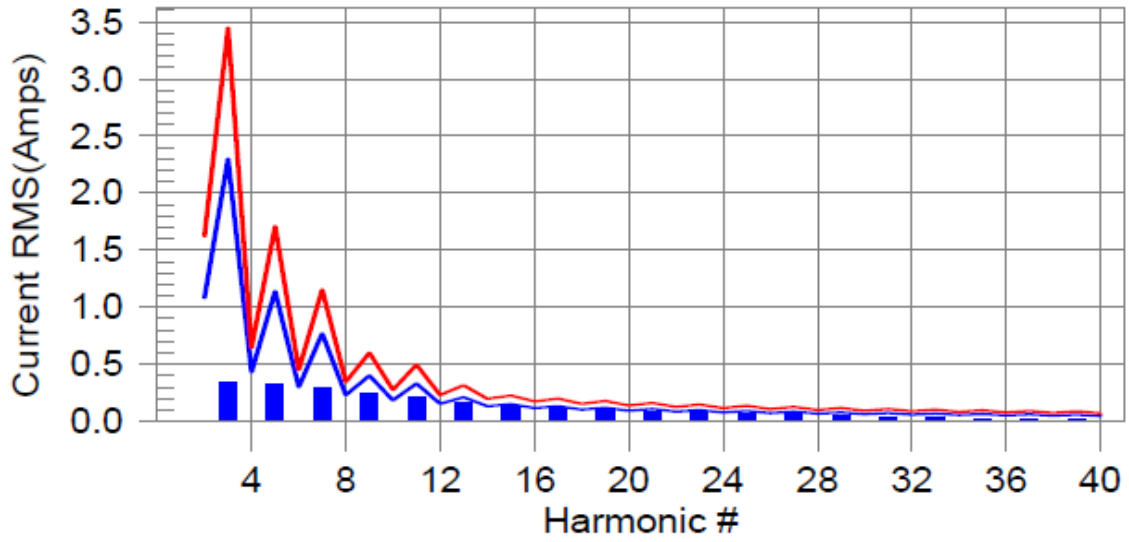
EUT: Switching Adaptor M/N:FJ-SW20171086000 Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:56:42 End time: 15:59:33
Test duration (min): 2.5 Data file name: H-000682.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal

Current & voltage waveforms



Harmonics and Class A limit line European Limits



Test result: Pass Worst harmonic was #15 with 61.9% of the limit.

EUT: Switching Adaptor M/N:FJ-SW20171086000 Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:56:42 End time: 15:59:33
Test duration (min): 2.5 Data file name: H-000682.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal
THC(A): 0.715 I-THD(%): 194.0 POHC(A): 0.170 POHC Limit(A): 0.251

Highest parameter values during test:

V_RMS (Volts):	230.26	Frequency(Hz):	50.00
I_Peak (Amps):	3.806	I_RMS (Amps):	0.809
I_Fund (Amps):	0.369	Crest Factor:	4.711
Power (Watts):	81.1	Power Factor:	0.441

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.001	1.080	N/A	0.001	1.620	N/A	Pass
3	0.347	2.300	15.1	0.348	3.450	10.1	Pass
4	0.001	0.430	N/A	0.001	0.645	N/A	Pass
5	0.323	1.140	28.3	0.323	1.710	18.9	Pass
6	0.000	0.300	N/A	0.001	0.450	N/A	Pass
7	0.289	0.770	37.5	0.290	1.155	25.1	Pass
8	0.000	0.230	N/A	0.001	0.345	N/A	Pass
9	0.250	0.400	62.4	0.251	0.600	41.8	Pass
10	0.001	0.184	N/A	0.001	0.276	N/A	Pass
11	0.208	0.330	63.2	0.210	0.495	42.5	Pass
12	0.001	0.153	N/A	0.001	0.230	N/A	Pass
13	0.169	0.210	80.7	0.172	0.315	54.5	Pass
14	0.001	0.131	N/A	0.001	0.197	N/A	Pass
15	0.136	0.150	91.0	0.139	0.225	61.9	Pass
16	0.001	0.115	N/A	0.001	0.173	N/A	Pass
17	0.112	0.132	85.0	0.115	0.198	58.3	Pass
18	0.001	0.102	N/A	0.001	0.153	N/A	Pass
19	0.097	0.118	81.8	0.100	0.178	56.4	Pass
20	0.001	0.092	N/A	0.001	0.138	N/A	Pass
21	0.088	0.107	81.8	0.091	0.161	56.4	Pass
22	0.001	0.084	N/A	0.001	0.125	N/A	Pass
23	0.080	0.098	82.0	0.083	0.147	56.6	Pass
24	0.001	0.077	N/A	0.001	0.115	N/A	Pass
25	0.072	0.090	79.8	0.075	0.135	55.2	Pass
26	0.001	0.071	N/A	0.001	0.107	N/A	Pass
27	0.062	0.083	73.9	0.065	0.125	52.2	Pass
28	0.003	0.066	N/A	0.003	0.099	N/A	Pass
29	0.050	0.078	64.2	0.053	0.116	45.5	Pass
30	0.001	0.061	N/A	0.002	0.092	N/A	Pass
31	0.038	0.073	52.2	0.041	0.109	37.3	Pass
32	0.003	0.058	N/A	0.003	0.086	N/A	Pass
33	0.028	0.068	40.5	0.029	0.102	28.8	Pass
34	0.001	0.054	N/A	0.001	0.081	N/A	Pass
35	0.021	0.064	32.3	0.021	0.096	22.2	Pass
36	0.000	0.051	N/A	0.001	0.077	N/A	Pass
37	0.018	0.061	29.3	0.018	0.091	19.7	Pass
38	0.000	0.048	N/A	0.001	0.073	N/A	Pass
39	0.017	0.058	29.4	0.017	0.087	19.8	Pass
40	0.000	0.046	N/A	0.001	0.069	N/A	Pass

EUT: Switching Adaptor M/N:FJ-SW20171086000 Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:56:42 End time: 15:59:33
Test duration (min): 2.5 Data file name: H-000682.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

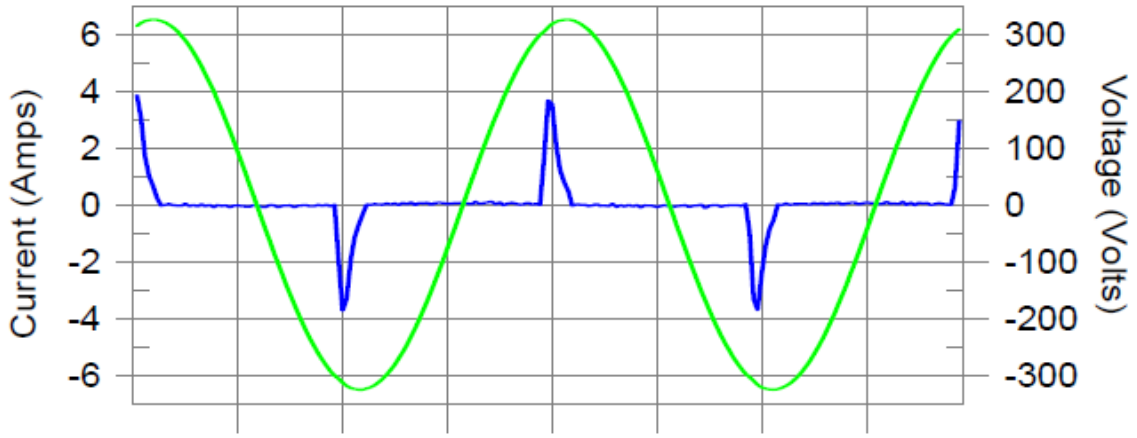
Voltage (Vrms):	230.26	Frequency(Hz):	50.00
I_Peak (Amps):	3.806	I_RMS (Amps):	0.809
I_Fund (Amps):	0.369	Crest Factor:	4.711
Power (Watts):	81.1	Power Factor:	0.441

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.053	0.460	11.59	OK
3	0.457	2.072	22.07	OK
4	0.035	0.460	7.69	OK
5	0.078	0.921	8.44	OK
6	0.012	0.460	2.56	OK
7	0.084	0.691	12.11	OK
8	0.018	0.460	3.82	OK
9	0.100	0.460	21.67	OK
10	0.015	0.460	3.31	OK
11	0.102	0.230	44.25	OK
12	0.011	0.230	4.63	OK
13	0.088	0.230	38.22	OK
14	0.006	0.230	2.51	OK
15	0.090	0.230	39.08	OK
16	0.009	0.230	3.80	OK
17	0.082	0.230	35.42	OK
18	0.008	0.230	3.28	OK
19	0.082	0.230	35.56	OK
20	0.010	0.230	4.55	OK
21	0.081	0.230	35.26	OK
22	0.004	0.230	1.92	OK
23	0.076	0.230	33.03	OK
24	0.004	0.230	1.56	OK
25	0.078	0.230	33.90	OK
26	0.003	0.230	1.35	OK
27	0.068	0.230	29.72	OK
28	0.003	0.230	1.47	OK
29	0.068	0.230	29.67	OK
30	0.002	0.230	1.09	OK
31	0.052	0.230	22.45	OK
32	0.004	0.230	1.67	OK
33	0.041	0.230	17.97	OK
34	0.003	0.230	1.29	OK
35	0.035	0.230	15.39	OK
36	0.003	0.230	1.22	OK
37	0.033	0.230	14.44	OK
38	0.004	0.230	1.58	OK
39	0.033	0.230	14.36	OK
40	0.008	0.230	3.31	OK

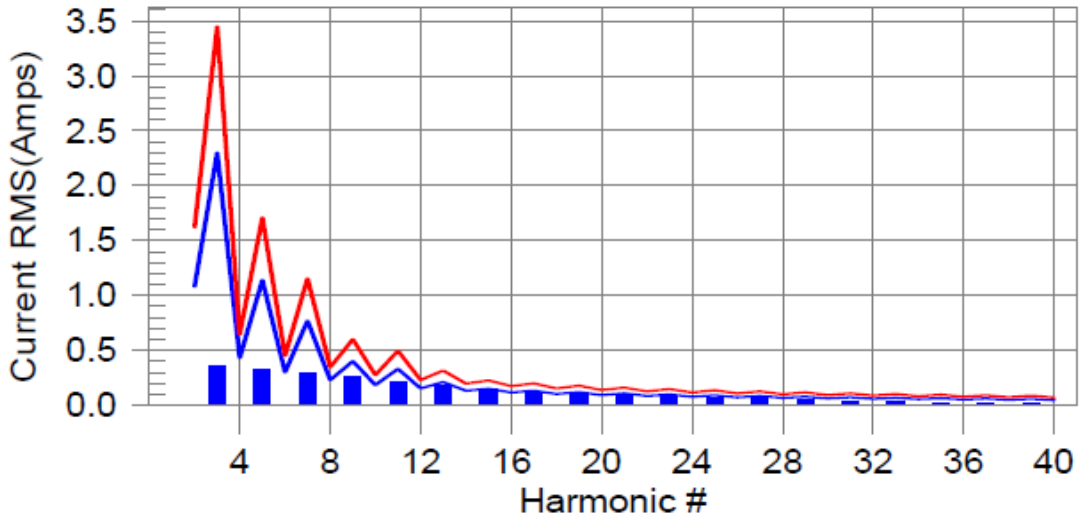
EUT: Switching Adaptor M/N:FJ-SW20171086000D Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:39:44 End time: 15:42:35
Test duration (min): 2.5 Data file name: H-000680.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal

Current & voltage waveforms



Harmonics and Class A limit line European Limits



Test result: Pass Worst harmonic was #15 with 66.2% of the limit.

EUT: Switching Adaptor M/N:FJ-SW20171086000D Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:39:44 End time: 15:42:35
Test duration (min): 2.5 Data file name: H-000680.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal
THC(A): 0.736 I-THD(%): 197.3 POHC(A): 0.171 POHC Limit(A): 0.251

Highest parameter values during test:

V_RMS (Volts):	230.25	Frequency(Hz):	50.00
I_Peak (Amps):	3.925	I_RMS (Amps):	0.828
I_Fund (Amps):	0.373	Crest Factor:	4.744
Power (Watts):	82.0	Power Factor:	0.434

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.001	1.080	N/A	0.001	1.620	N/A	Pass
3	0.352	2.300	15.3	0.353	3.450	10.2	Pass
4	0.001	0.430	N/A	0.001	0.645	N/A	Pass
5	0.328	1.140	28.8	0.328	1.710	19.2	Pass
6	0.000	0.300	N/A	0.001	0.450	N/A	Pass
7	0.296	0.770	38.4	0.296	1.155	25.7	Pass
8	0.000	0.230	N/A	0.001	0.345	N/A	Pass
9	0.257	0.400	64.4	0.259	0.600	43.1	Pass
10	0.001	0.184	N/A	0.001	0.276	N/A	Pass
11	0.217	0.330	65.9	0.219	0.495	44.2	Pass
12	0.001	0.153	N/A	0.001	0.230	N/A	Pass
13	0.179	0.210	85.4	0.181	0.315	57.5	Pass
14	0.001	0.131	N/A	0.001	0.197	N/A	Pass
15	0.147	0.150	97.7	0.149	0.225	66.2	Pass
16	0.001	0.115	N/A	0.001	0.173	N/A	Pass
17	0.122	0.132	92.1	0.124	0.198	62.7	Pass
18	0.001	0.102	N/A	0.001	0.153	N/A	Pass
19	0.104	0.118	88.0	0.107	0.178	60.0	Pass
20	0.001	0.092	N/A	0.001	0.138	N/A	Pass
21	0.092	0.107	86.1	0.094	0.161	58.8	Pass
22	0.001	0.084	N/A	0.001	0.125	N/A	Pass
23	0.082	0.098	84.2	0.084	0.147	57.4	Pass
24	0.001	0.077	N/A	0.001	0.115	N/A	Pass
25	0.072	0.090	80.1	0.074	0.135	54.7	Pass
26	0.001	0.071	N/A	0.001	0.107	N/A	Pass
27	0.061	0.083	72.7	0.063	0.125	50.6	Pass
28	0.003	0.066	N/A	0.004	0.099	N/A	Pass
29	0.048	0.078	61.9	0.051	0.116	43.4	Pass
30	0.001	0.061	N/A	0.002	0.092	N/A	Pass
31	0.036	0.073	49.2	0.038	0.109	34.7	Pass
32	0.003	0.058	N/A	0.003	0.086	N/A	Pass
33	0.025	0.068	37.3	0.027	0.102	26.3	Pass
34	0.001	0.054	N/A	0.001	0.081	N/A	Pass
35	0.019	0.064	29.0	0.019	0.096	19.9	Pass
36	0.000	0.051	N/A	0.001	0.077	N/A	Pass
37	0.016	0.061	26.4	0.016	0.091	17.8	Pass
38	0.000	0.048	N/A	0.001	0.073	N/A	Pass
39	0.016	0.058	27.0	0.016	0.087	18.3	Pass
40	0.000	0.046	N/A	0.001	0.069	N/A	Pass

EUT: Switching Adaptor M/N:FJ-SW20171086000D Tested by: Sid
Test category: Class-A per Ed. 4.0 (2014) (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 15:39:44 End time: 15:42:35
Test duration (min): 2.5 Data file name: H-000680.cts_data
Comment: Full Load
Customer: FUJIA

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	230.25	Frequency(Hz):	50.00
I_Peak (Amps):	3.925	I_RMS (Amps):	0.828
I_Fund (Amps):	0.373	Crest Factor:	4.744
Power (Watts):	82.0	Power Factor:	0.434

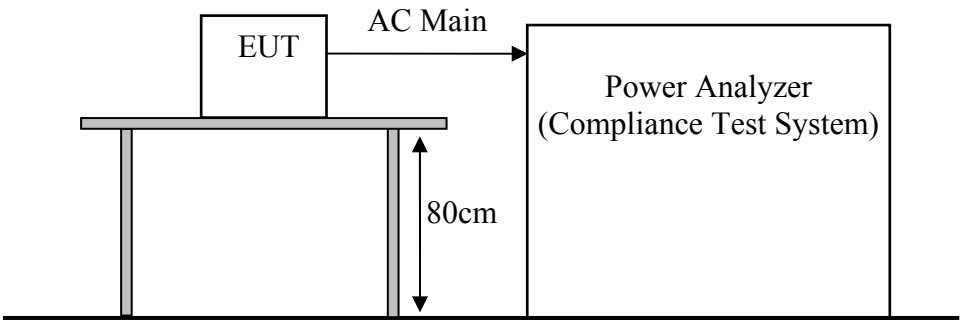
Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.053	0.460	11.41	OK
3	0.463	2.072	22.35	OK
4	0.043	0.460	9.26	OK
5	0.079	0.921	8.60	OK
6	0.013	0.460	2.77	OK
7	0.084	0.691	12.19	OK
8	0.021	0.460	4.53	OK
9	0.103	0.460	22.35	OK
10	0.016	0.460	3.43	OK
11	0.107	0.230	46.32	OK
12	0.010	0.230	4.27	OK
13	0.092	0.230	39.89	OK
14	0.007	0.230	3.03	OK
15	0.097	0.230	42.26	OK
16	0.009	0.230	3.98	OK
17	0.088	0.230	38.33	OK
18	0.008	0.230	3.46	OK
19	0.084	0.230	36.57	OK
20	0.010	0.230	4.41	OK
21	0.085	0.230	36.84	OK
22	0.005	0.230	2.20	OK
23	0.077	0.230	33.34	OK
24	0.004	0.230	1.69	OK
25	0.077	0.230	33.57	OK
26	0.003	0.230	1.48	OK
27	0.068	0.230	29.65	OK
28	0.003	0.230	1.34	OK
29	0.065	0.230	28.43	OK
30	0.003	0.230	1.36	OK
31	0.049	0.230	21.38	OK
32	0.003	0.230	1.48	OK
33	0.037	0.230	16.02	OK
34	0.003	0.230	1.38	OK
35	0.033	0.230	14.39	OK
36	0.003	0.230	1.39	OK
37	0.030	0.230	13.13	OK
38	0.004	0.230	1.64	OK
39	0.030	0.230	13.20	OK
40	0.008	0.230	3.43	OK

4.4. Voltage Fluctuations and Flicker on AC Mains Test

RESULT **:** **Pass(**Please refer to the following page**)**

Test procedure : EN 61000-3-3:2013+A1:2019

Limits : EN 61000-3-3:2013+A1:2019

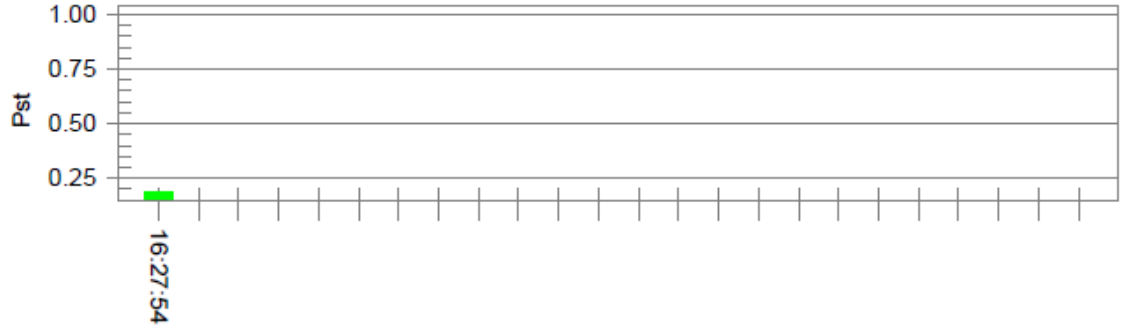


Test Data

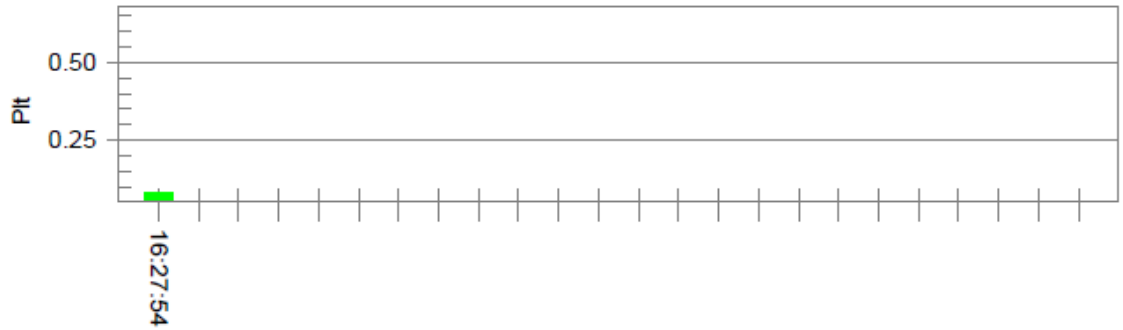
EUT: Switching Adaptor M/N:FJ-SW20171086000 Tested by: Sid
Test category: All parameters (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 16:17:24 End time: 16:27:55
Test duration (min): 10 Data file name: F-000685.cts_data
Comment: Full load
Customer: FU JIA

Test Result: Pass Status: Test Completed

Pst_i and limit line European Limits



Plt and limit line



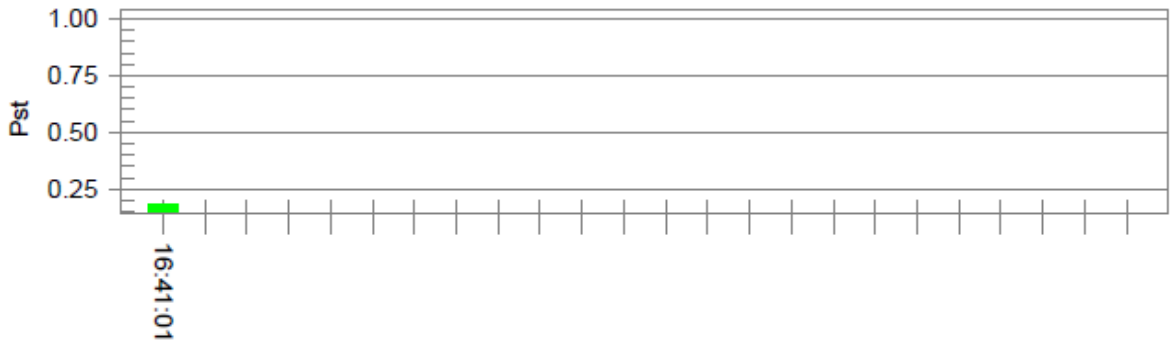
Parameter values recorded during the test:

Vrms at the end of test (Volt):	230.16			
Highest dt (%):	0.00	Test limit (%):	N/A	N/A
T-max (mS):	0	Test limit (mS):	500.0	Pass
Highest dc (%):	0.00	Test limit (%):	3.30	Pass
Highest dmax (%):	-0.06	Test limit (%):	4.00	Pass
Highest Pst (10 min. period):	0.185	Test limit:	1.000	Pass
Highest Plt (2 hr. period):	0.081	Test limit:	0.650	Pass

EUT: Switching Adaptor M/N:FJ-SW20171086000D Tested by: Sid
Test category: All parameters (European limits) Test Margin: 100
Test date: 2017/8/7 Start time: 16:30:31 End time: 16:41:02
Test duration (min): 10 Data file name: F-000686.cts_data
Comment: Full load
Customer: FU JIA

Test Result: Pass Status: Test Completed

Pst and limit line European Limits



Plt and limit line



Parameter values recorded during the test:

Vrms at the end of test (Volt):	230.24			
Highest dt (%):	0.00	Test limit (%):	N/A	N/A
T-max (mS):	0	Test limit (mS):	500.0	Pass
Highest dc (%):	0.00	Test limit (%):	3.30	Pass
Highest dmax (%):	0.05	Test limit (%):	4.00	Pass
Highest Pst (10 min. period):	0.182	Test limit:	1.000	Pass
Highest Plt (2 hr. period):	0.079	Test limit:	0.650	Pass

5. IMMUNITY TEST RESULT

5.1. Description of Performance Criteria:

Performance criteria A

The equipment shall continue to operate as intended without operator intervention. No degradation of performance, loss of function or change of operating state is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

For audio output device: The measured acoustic interference ratio and/or the measured electrical interference during the test shall be -20dB or better(see note1)

Performance criteria B

During the application of the disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test.

After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Performance criteria C

Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. A reboot or re-start operation is allowed.

Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

Note 1: This performance criterion only using for Continuous inducted RF disturbances and Continuous RF electromagnetic field disturbances item.

5.2. Electrostatic Discharge Immunity Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-2:2009
Test specification	:	+/-4.0kV(Contact discharge) +/-8.0kV(Air discharge)
Number of discharges	:	≥ 10(Air discharge for single polarity discharge) ≥ 10 (Contact discharge for single polarity discharge)
Polarity	:	Positive/Negative
Performance criterion	:	B

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz
Operation Mode	:	Full Load, Half Load, No Load
Temperature	:	27.8℃
Humidity	:	48%
Pressure	:	101.70kPa

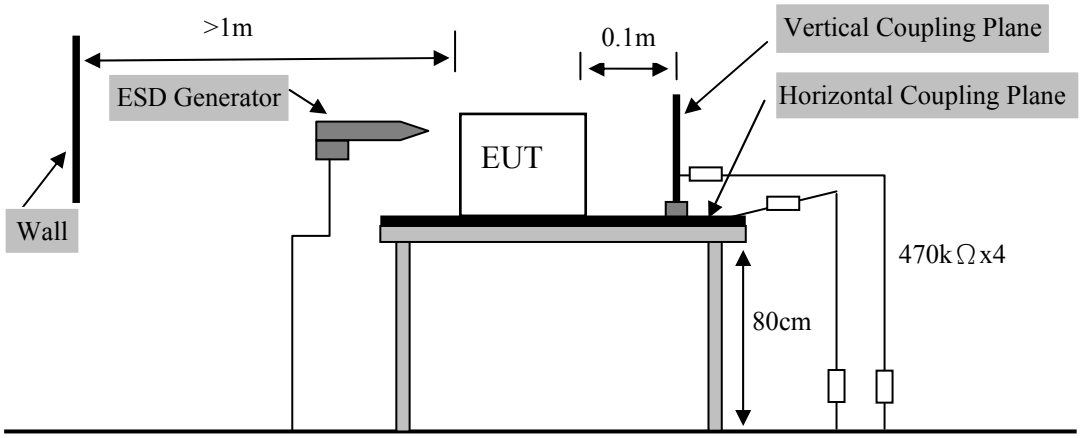


Table 1: Electrostatic Discharge Immunity Test Result

Discharge Location		**Type of discharge**	**Result**
HCP	4 points	Contact	Pass
VCP	4 points	Contact	Pass
DC Port	2 points	Contact	Pass
Slot	1 point	Air	Pass

Remark: 1. There was no change compared with initial operation during the test.
2. Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).

5.3. Radio Frequency Electromagnetic Field Immunity Test

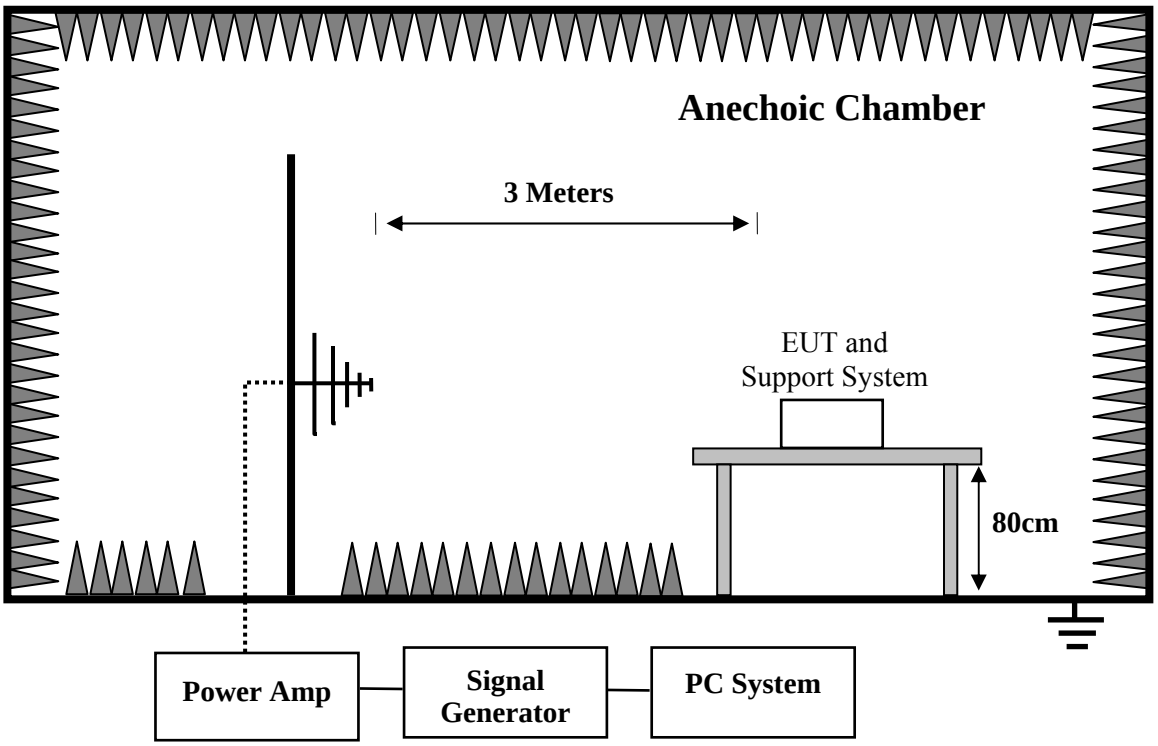
RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-3:2006+A1:2008+A2:2010
Frequency Range	:	80-1000MHz,1800MHz, 2600MHz, 3500MHz, 5000MHz
Performance criterion	:	A
Test site	:	866 Chamber
Test Setup		
Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20173301970, FJ-SW20170906000, FJ-SW20175401200, FJ-SW20171086000, FJ-SW20173301970D, FJ-SW20170906000D, FJ-SW20175401200D, FJ-SW20171086000D
Input Voltage	:	AC 230V/50Hz
Operation Mode	:	Full Load, Half Load
Temperature	:	27.6℃
Humidity	:	49.8%
Pressure	:	101.70kPa

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The EUT was set 3 m away from the transmitting antenna which was mounted on an antenna tower. Both horizontal and vertical polarization of the antenna were set on test. Each of the four sides of EUT must be faced this transmitting antenna and measured individually.

In order to judge the EUT performance, a CCD camera was used to monitor EUT screen.

All the scanning conditions were as follows**:**

Condition of Test	Remarks
1. Field Strength	3 V/m (Severity Level 2)
2. Radiated Signal	Modulated
3. Scanning Frequency	80 - 1000 MHz
4. Sweeping time of radiated	0.0015 decade/s
5. Dwell Time	at least 3 seconds



Condition of Test	Remarks
6. Field Strength	3 V/m (Severity Level 2)
7. Radiated Signal	Modulated
8. Scanning Frequency	1800MHz,2600MHz,3500MHz,5000MHz
9. Sweeping time of radiated	0.0015 decade/s
10. Dwell Time	at least 3 seconds

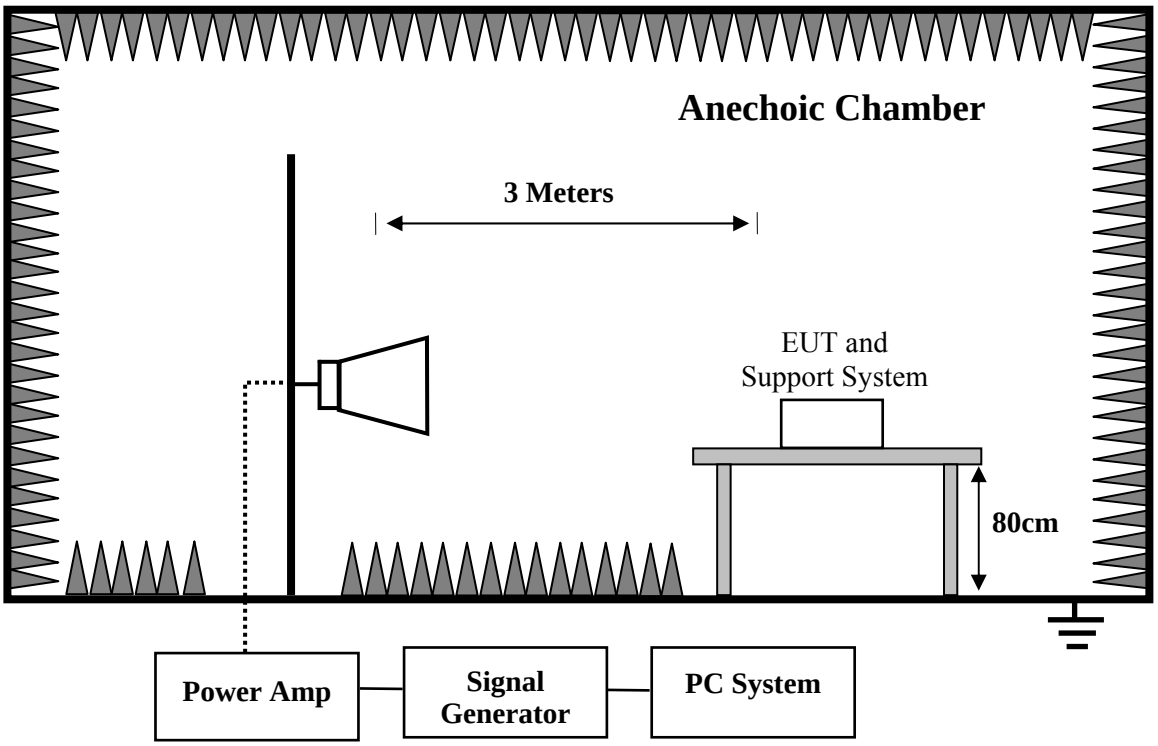


Table 2: Radio Frequency Electromagnetic Field Immunity Test Result

Position	Frequency Range	Test Level	Modulated Signal	Freq. Step	Dwell Time	Result
Front	80 to 1000 MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz	3 V/m	AM 80%, 1kHz sine wave	1%	3 s	Pass
Right						
Rear						
Left						
Remark: There was no change compared with initial operation during the test.						

5.4. Electrical Fast Transient/Burst Immunity Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-4:2012
Pulse form	:	Tr/Th＝5/50ns
Repetition Frequency	:	5 kHz ; (100 kHz : only for single lines of xDSL equipment)
Test Duration	:	120s
Performance criterion	:	B

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load, No Load
Temperature	:	26.3℃
Humidity	:	55.5%
Pressure	:	101.70kPa

The EUT and its simulators were placed 0.1m high above the ground reference plane which was a min. 2m*2m metallic sheet with 0.65mm minimum thickness. This reference ground plane shall project beyond the EUT by at least 0.1m on all sides and the minimum distance between EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5m.

1. For input and AC power ports:
   The EUT was connected to the power mains by using a coupling device which coupled the EFT interference signal to AC power lines. Both polarities of the test voltage should be applied during compliance test and the duration of the test can't less than 2 mains.

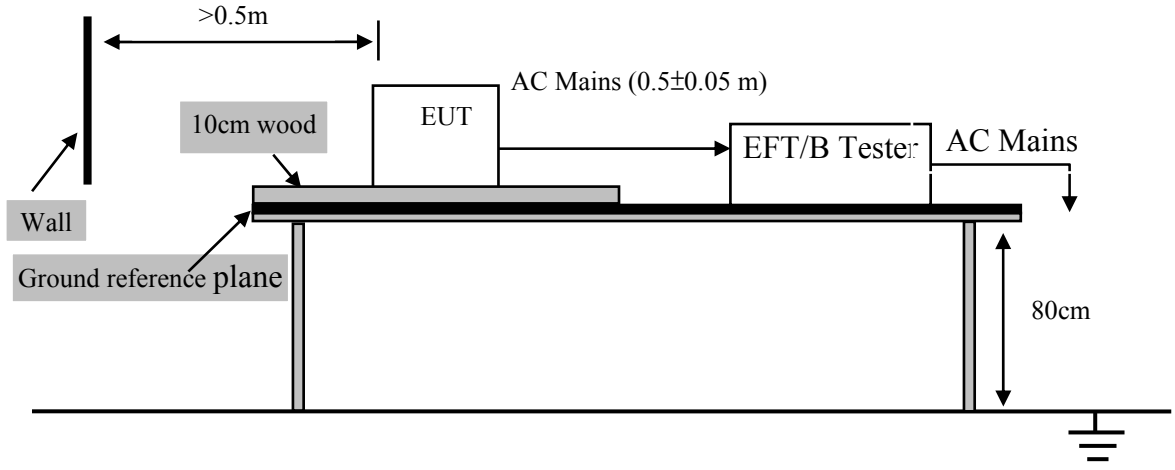


Table 3: Electrical Fast Transient/Burst Immunity Test Result

Class I type

Coupling Ports		Coupling Voltage	Inject Method	Result
AC Power Ports	L-N-PE	+/-1kV	Direct	Pass

Remark: There was no change compared with initial operation during the test.

Class II type

Coupling Ports		Coupling Voltage	Inject Method	Result
AC Power Ports	L-N	+/-1kV	Direct	Pass

Remark: There was no change compared with initial operation during the test.

5.5. Surge Immunity Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-5:2014
Pulseform	:	Tr/Td＝1.2/50us
Test Duration	:	60s
Performance criterion	:	B

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load
Temperature	:	24.6℃
Humidity	:	51.5%
Pressure	:	101.70kPa

2Ω effective output impedance of the generator was used for L-N test.12Ω effective output impedance of the generator was used for L-PE,N-PE test.

5 positive and 5 negative (polarity) tests were applied successively synchronized to the voltage phase 90°, 270° to L-N respectively. The repetition rate was 1 per minute during test.

1. For input and AC power ports:
   The EUT was connected to the power mains by using a coupling device which coupled the surge interference signal to AC power lines. Both polarities of the test voltage should be applied during compliance test and the duration was 1 minute.
2. For signal lines and control lines ports:
   None.
3. For DC input and DC output power ports:
   None.

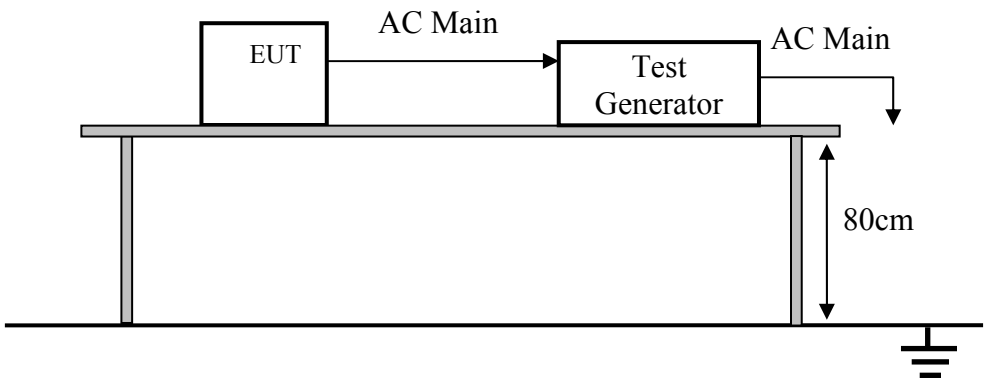


Table 4: Surge Immunity Test Result

Class I type

Coupling Ports		Coupling Voltage	Coupling Phase / Result			
			0°	90°	180°	270°
AC power ports	L-N	+/-1kV Direct	Pass	Pass	Pass	Pass
	L-PE	+/-2kV Direct	Pass	Pass	Pass	Pass
	N-PE	+/-2kV Direct	Pass	Pass	Pass	Pass

Remark: There was no change compared with initial operation during the test

Class II type

Coupling Ports		Coupling Voltage	Coupling Phase / Result			
			0°	90°	180°	270°
AC power ports	L-N	+/-1kV Direct	Pass	Pass	Pass	Pass

Remark: There was no change compared with initial operation during the test

5.6. Injected Currents Susceptibility Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-6:2014
Test specification	:	3 Vr.m.s, 3 Vr.m.s - 1Vr.m.s, 1Vr.m.s, AM 80%, 0.15 MHz - 10 MHz, 10 MHz – 30 MHz, 30 MHz – 80MHz
Performance criterion	:	A

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load
Temperature	:	23.6℃
Humidity	:	49%
Pressure	:	101.70kPa

The EUT were placed on an insulating support 0.1m high above a ground reference plane. CDN (coupling and decoupling device) was placed on the ground plane about 0.3m from EUT. Cables between CDN and EUT were as short as possible, and their height above the ground reference plane were between 30 and 50 mm (where possible).

The frequency range was swept from 0.15 MHz - 10 MHz, 10 MHz – 30 MHz and 30 MHz – 80MHz using 3V, 3 V - 1V, 1V signal level, and with the disturbance signal 80% amplitude modulated with a 1KHz sine wave.

The dwell time of the amplitude modulated carrier at each frequency shall not be less than the time necessary for the EUT to be exercised and to respond, but shall in no case be less than 0,5 s. The sensitive frequencies (e.g. clock frequencies) shall be analyzed separately.

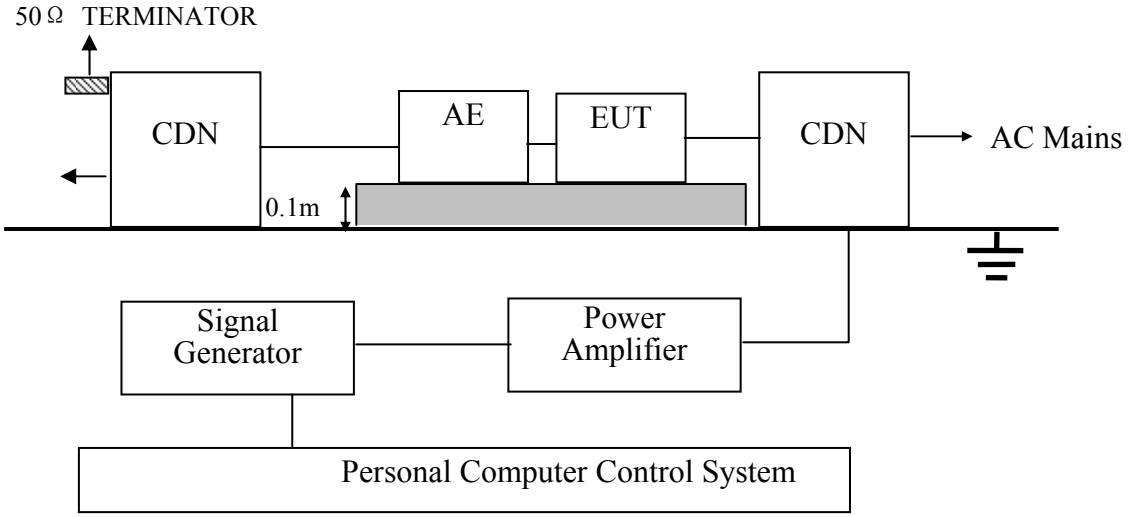


Table 5: Injected Currents Susceptibility Test Result

Coupling ports	**Voltage (r.m.s)**	**Modulation**	**Freq. step**	**Dwell time**	**Coupling method**	**Result**
AC power ports	3V	1kHz AM 80%	1%	3s	CDN	Pass
	3V-1V					Pass
	1V					Pass
DC power ports	/		/	/	EM Clamp	/
Signal/control	/		/	/	EM Clamp	/

Remark: There was no change compared with initial operation during the test

5.7. Power Frequency Magnetic Field Immunity Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-8:2010
Test specification	:	1 A/m
Performance criterion	:	A

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz
Operation Mode	:	Full Load, Half Load
Temperature	:	24.6℃
Humidity	:	42%
Pressure	:	101.70kPa

The EUT was subjected to the test magnetic field by using the induction coil of standard dimensions (1m*1m). The induction coil then was rotated by 90° in order to expose the EUT to the test field with different orientations.

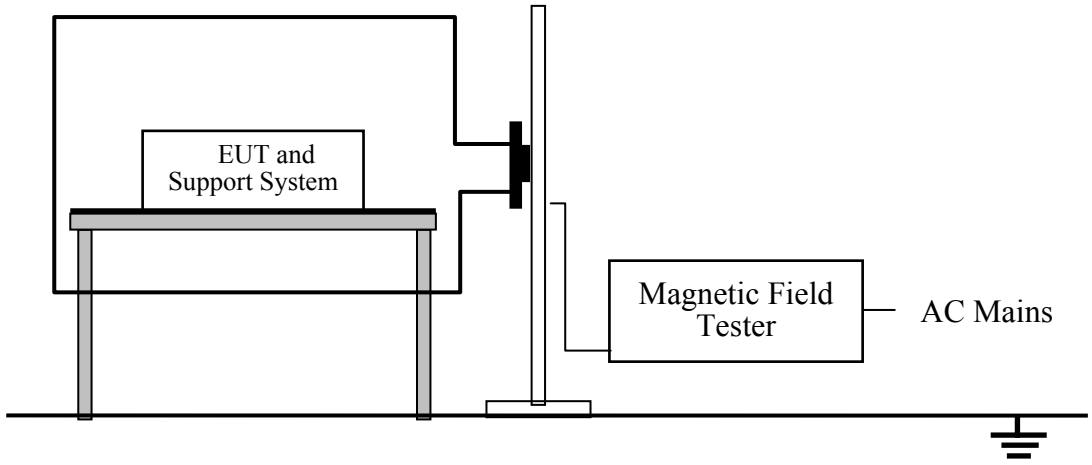


Table 6: Power Frequency Magnetic Field Immunity Test Result

Test Level	Testing Duration	Coil Orientation	Criterion	Result
1A/m	5 mins	X	A	Pass
1A/m	5 mins	Y	A	Pass
1A/m	5 mins	Z	A	Pass

Remark: There was no change compared with initial operation during the test

5.8. Voltage Dips and Short Interruptions Immunity Test

RESULT	**:**	**Pass**
Test procedure	:	EN 55035:2017
Basic standard	:	EN 61000-4-11:2004
Test specification	:	0%UT ; 0.5P, Criterion: B 70%UT; 25P/30P, Criterion: C 0%UT; 250P/300P, Criterion: C

Test Setup

Date of test	:	Aug. 17, 2017
Model No.	:	FJ-SW20170906000D, FJ-SW20171086000D, FJ-SW20173301970D, FJ-SW20175401200D, FJ-SW20170906000, FJ-SW20171086000, FJ-SW20173301970, FJ-SW20175401200
Input Voltage	:	AC 230V/50Hz, AC 110V/60Hz
Operation Mode	:	Full Load, Half Load
Temperature	:	23.6℃
Humidity	:	48%
Pressure	:	101.70kPa

The interruptions was introduced at selected phase angles with specified duration.
Recorded any degradation of performance.

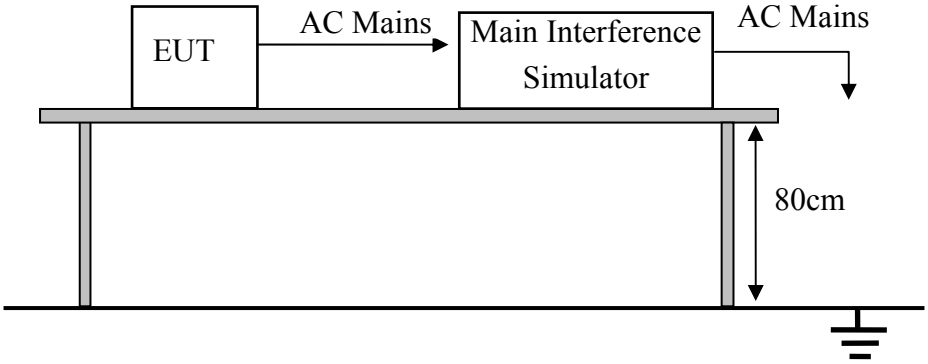


Table 7: Voltage Dips and Short Interruptions Immunity Test Result AC 230V/50Hz

Test Level % UT	Voltage Dips & Short Interruptions % UT	Duration (in period)	Criterion	Result
0	100	0.5P	B	PASS
70	30	25P	C	PASS
0	100	250P	C	PASS

Remark: The EUT was Stopped during the test, but self-recoverable after the test.

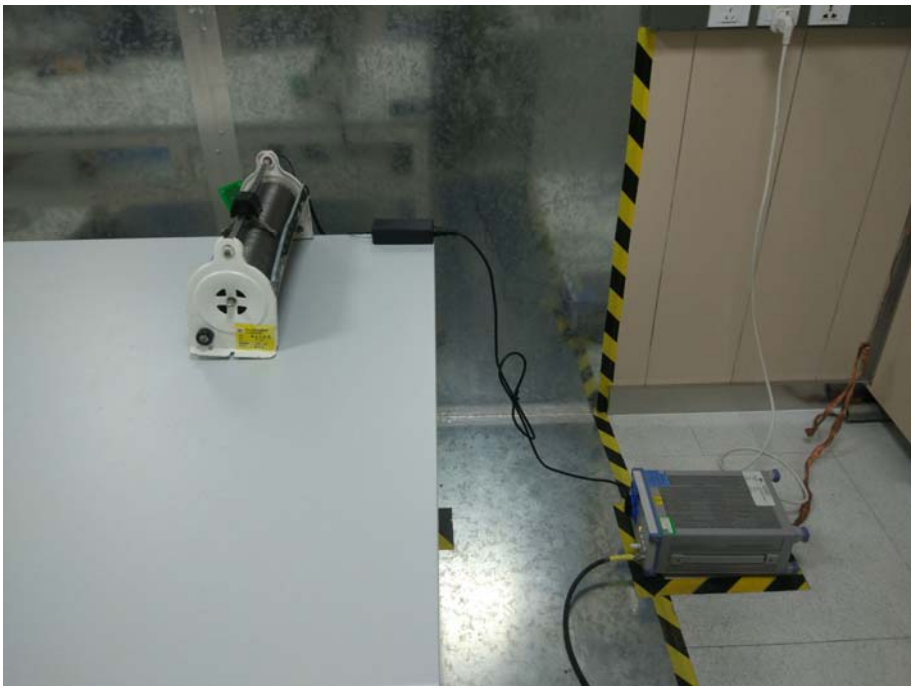
Table 7: Voltage Dips and Short Interruptions Immunity Test Result AC 110V/60Hz

Test Level % UT	Voltage Dips & Short Interruptions % UT	Duration (in period)	Criterion	Result
0	100	0.5P	B	PASS
70	30	30P	C	PASS
0	100	300P	C	PASS

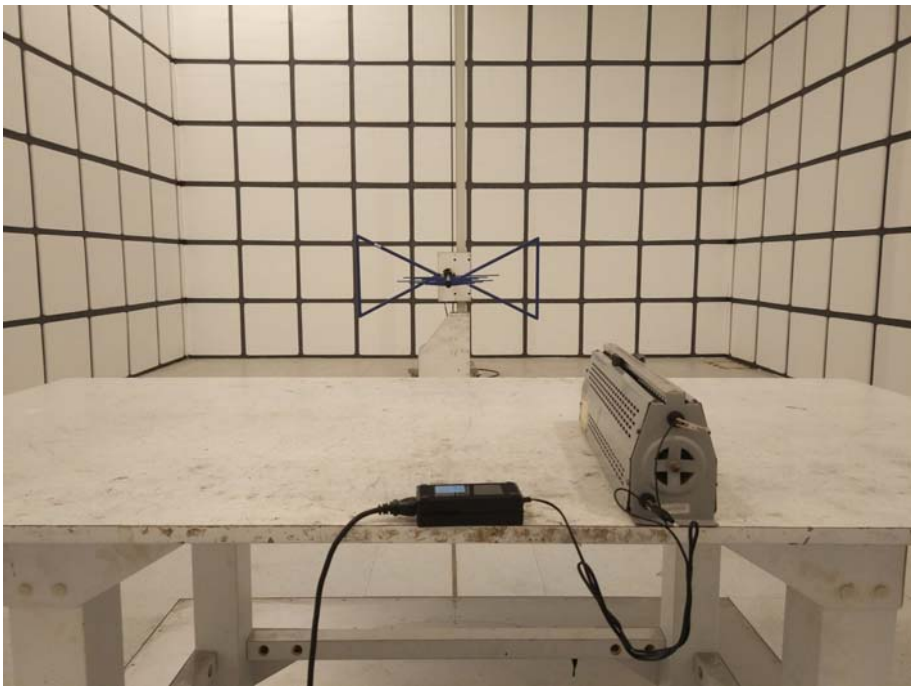
Remark: The EUT was Stopped during the test, but self-recoverable after the test.

6. PHOTOGRAPHS OF TEST SET-UP

6.1.Set-up for Conducted Emission at the Mains Terminals Test



6.2.Set-up for Radiated Emission Test



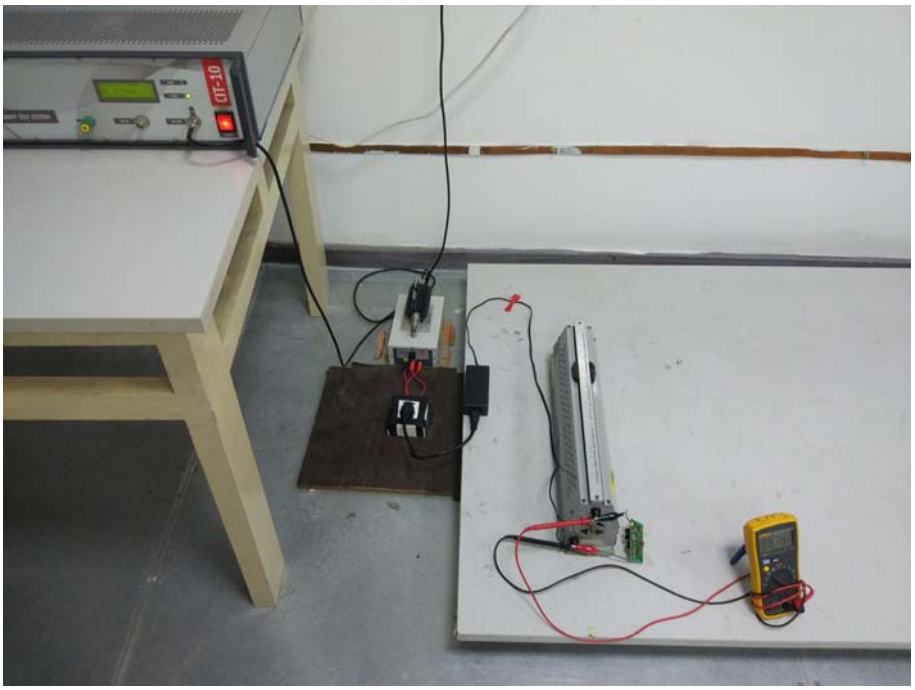
6.3.Set-up for Harmonic Current Emissions and Flicker on AC Mains Test



6.4.Set-up for Electrostatic Discharge Immunity Test



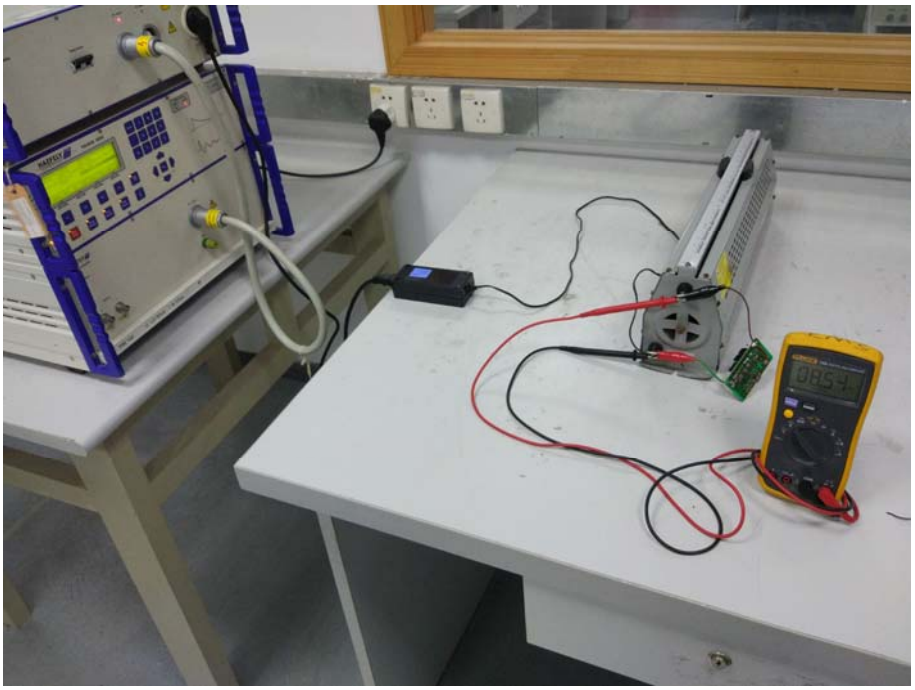
6.5.Set-up for Radio Frequency Electromagnetic Field Immunity Test



6.6.Set-up for Electrical Fast Transient/Burst Immunity Test



6.7.Set-up for Surge Immunity Test



6.8.Set-up for Voltage Dips and Short Interruptions Immunity Test



7. PHOTOGRAPHS OF THE EUT

FJ-SW2017xxxyyyy Series

Figure 1
General Appearance of the EUT



Figure 2
General Appearance of the EUT

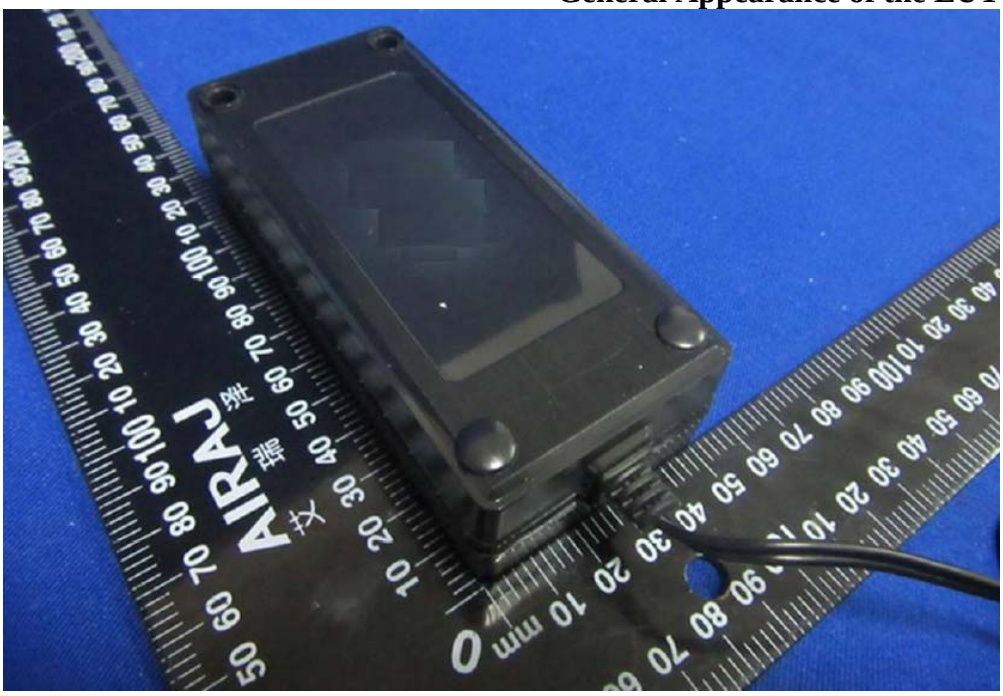
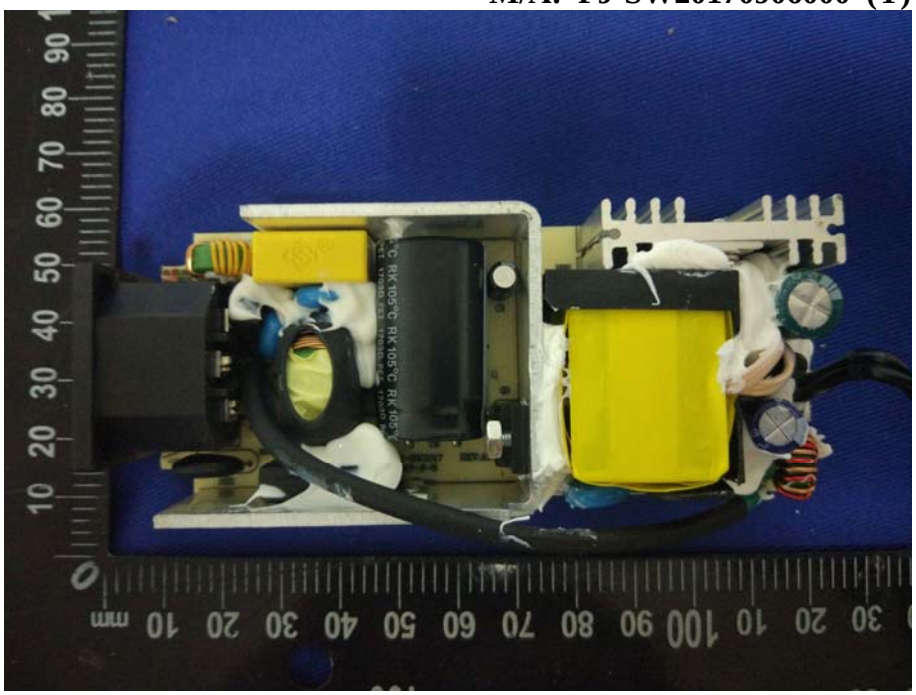


Figure 3
General Appearance of the EUT



Figure 4
Inside View of the EUT
M/A: FJ-SW20170906000 (Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 5
Inside View of the EUT
M/A: FJ-SW20170906000 (Y)

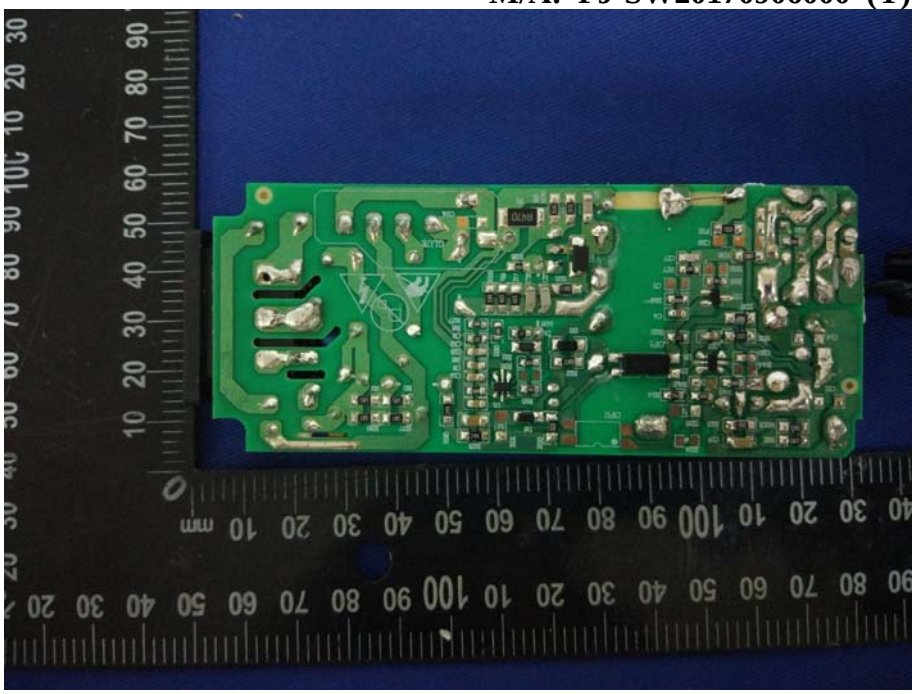
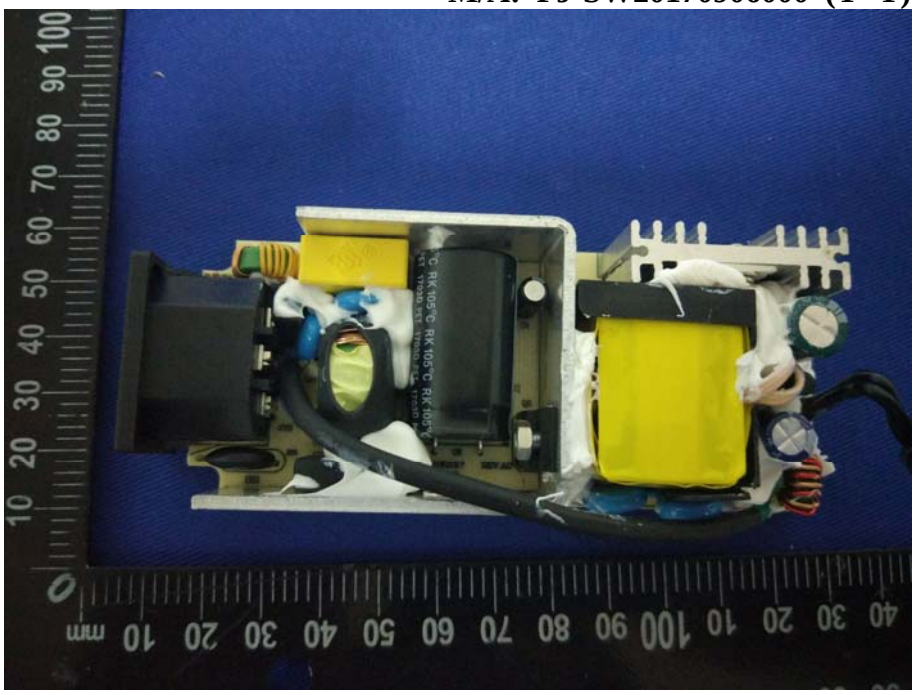


Figure 6
Inside View of the EUT
M/A: FJ-SW20170906000 (Y+Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 7
Inside View of the EUT
M/A: FJ-SW20170906000 (Y+Y)

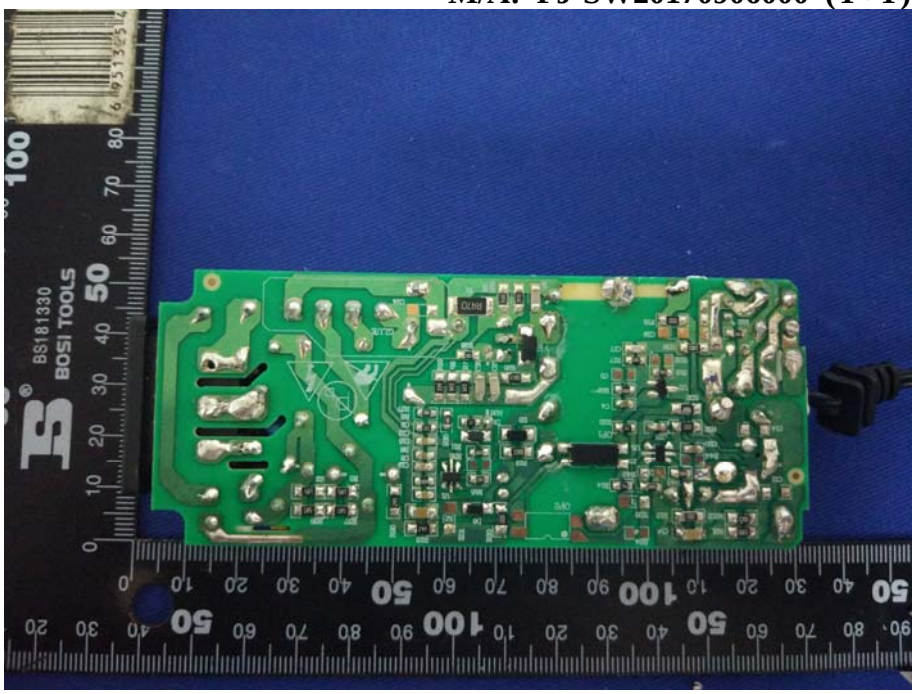
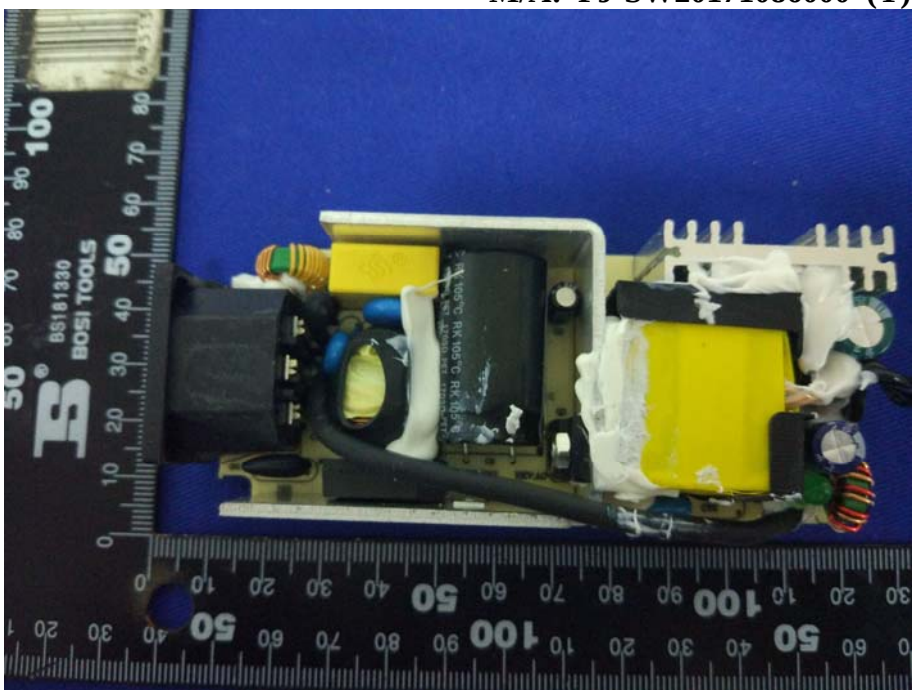


Figure 8
Inside View of the EUT
M/A: FJ-SW20171086000 (Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 9
Inside View of the EUT
M/A: FJ-SW20171086000 (Y)

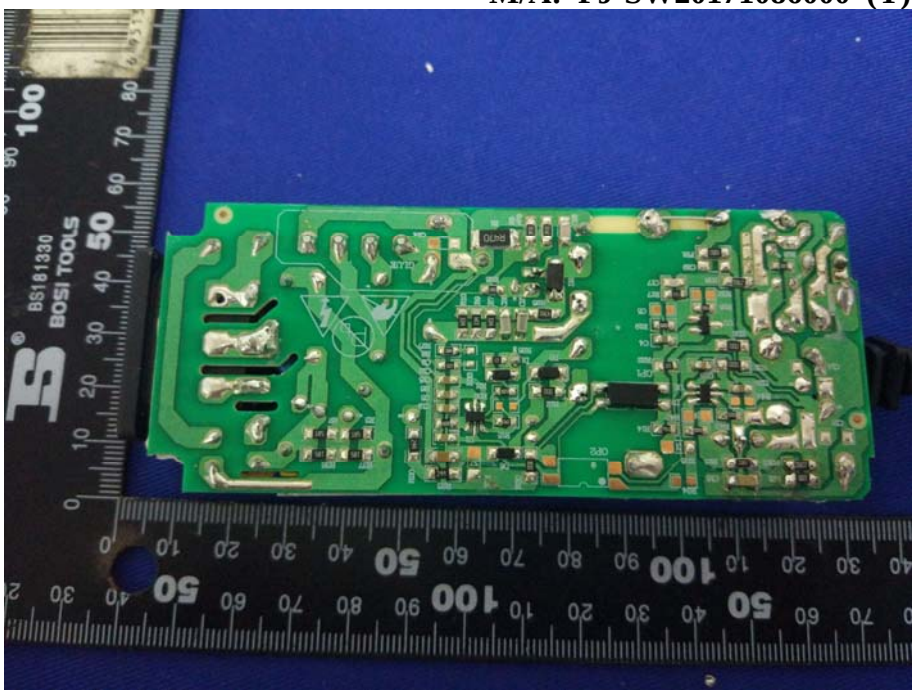
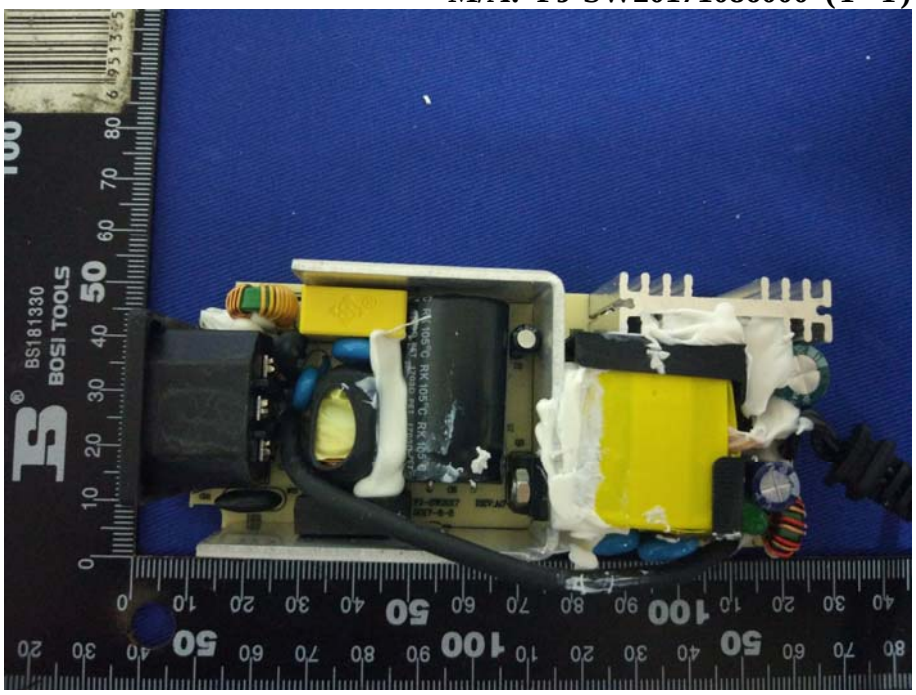


Figure 10
Inside View of the EUT
M/A: FJ-SW20171086000 (Y+Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 11
Inside View of the EUT
M/A: FJ-SW20171086000 (Y+Y)

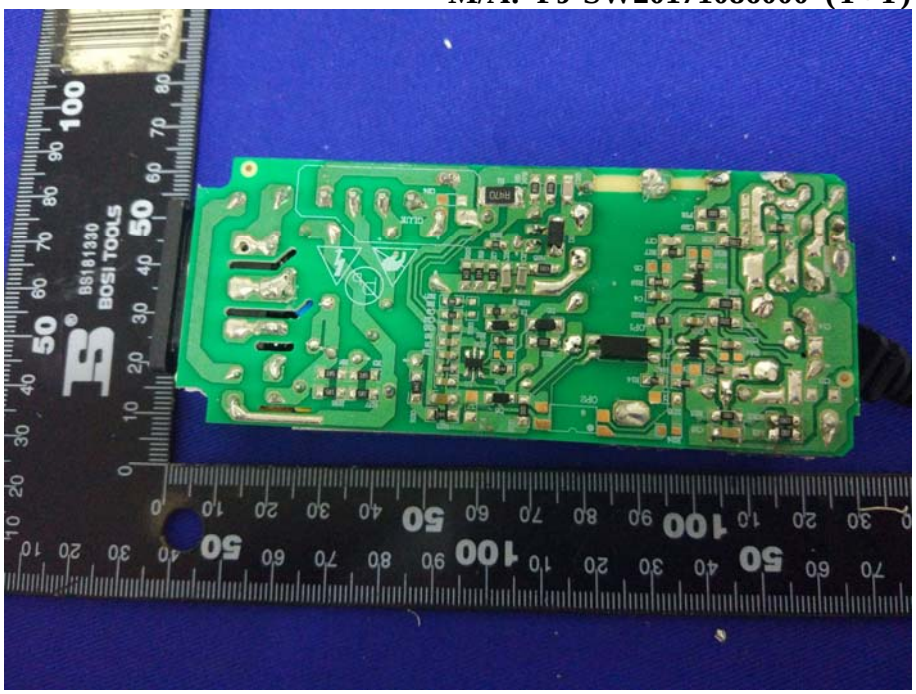
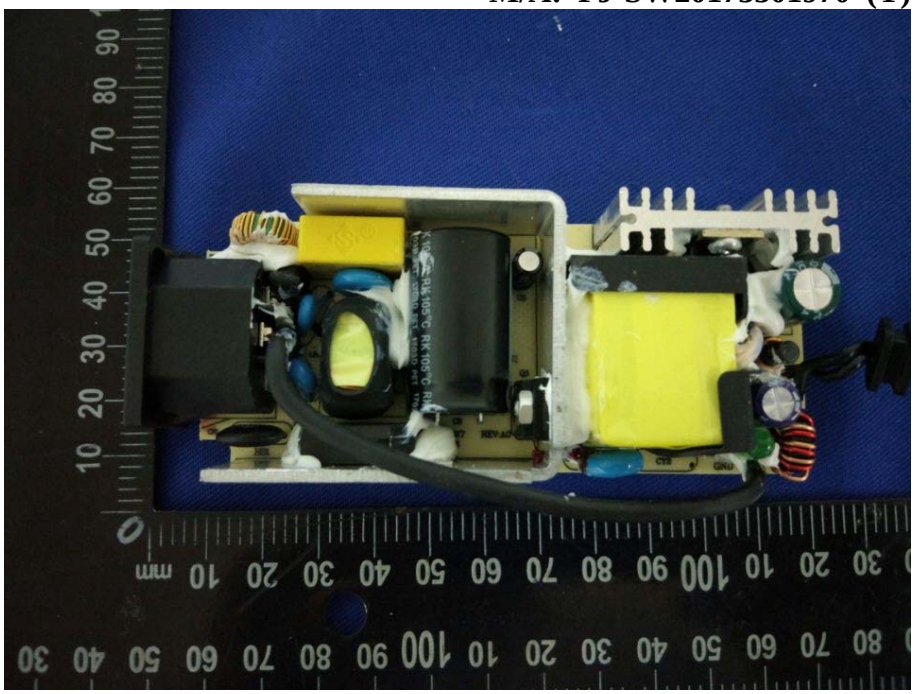


Figure 12
Inside View of the EUT
M/A: FJ-SW20173301970 (Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 13
Inside View of the EUT
M/A: FJ-SW20173301970 (Y)

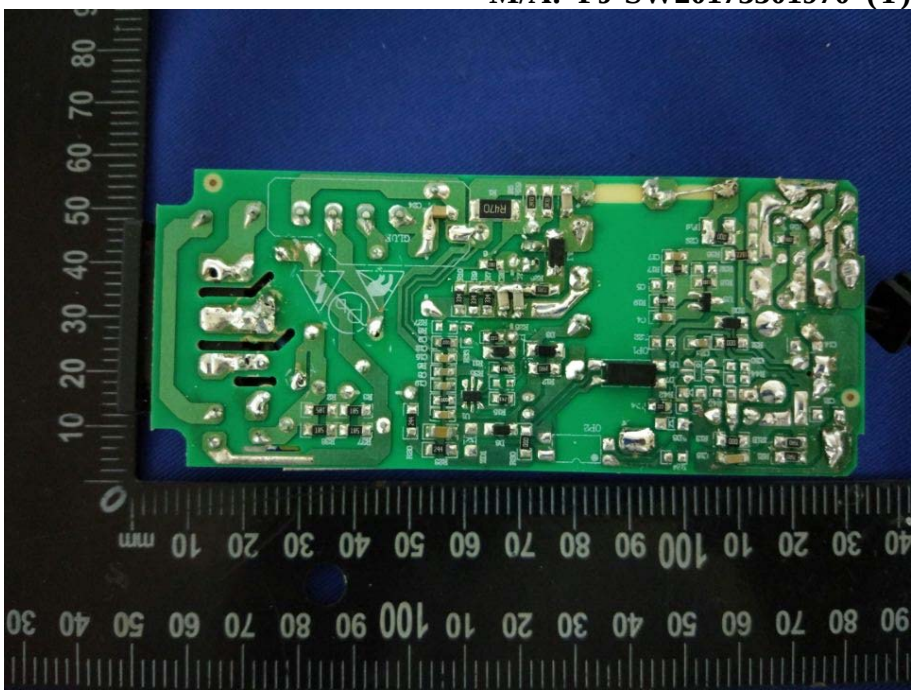
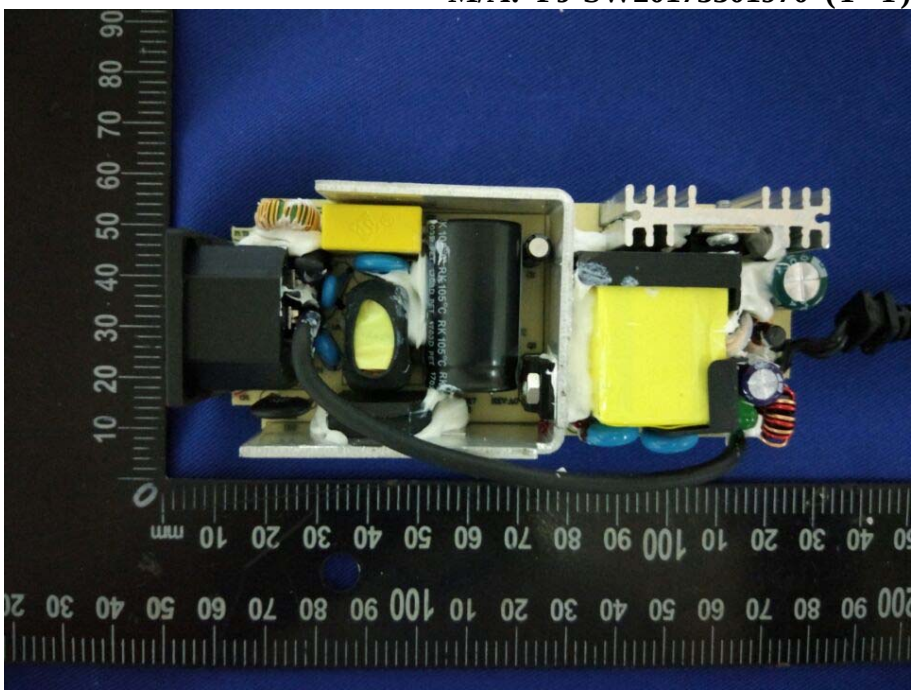


Figure 14
Inside View of the EUT
M/A: FJ-SW20173301970 (Y+Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 15
Inside View of the EUT
M/A: FJ-SW20173301970 (Y+Y)

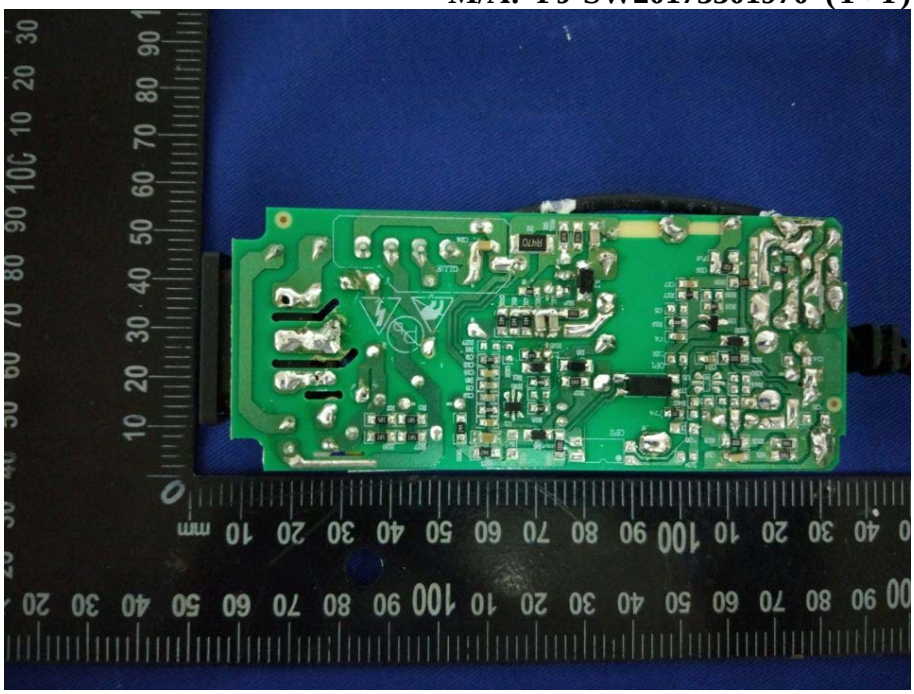
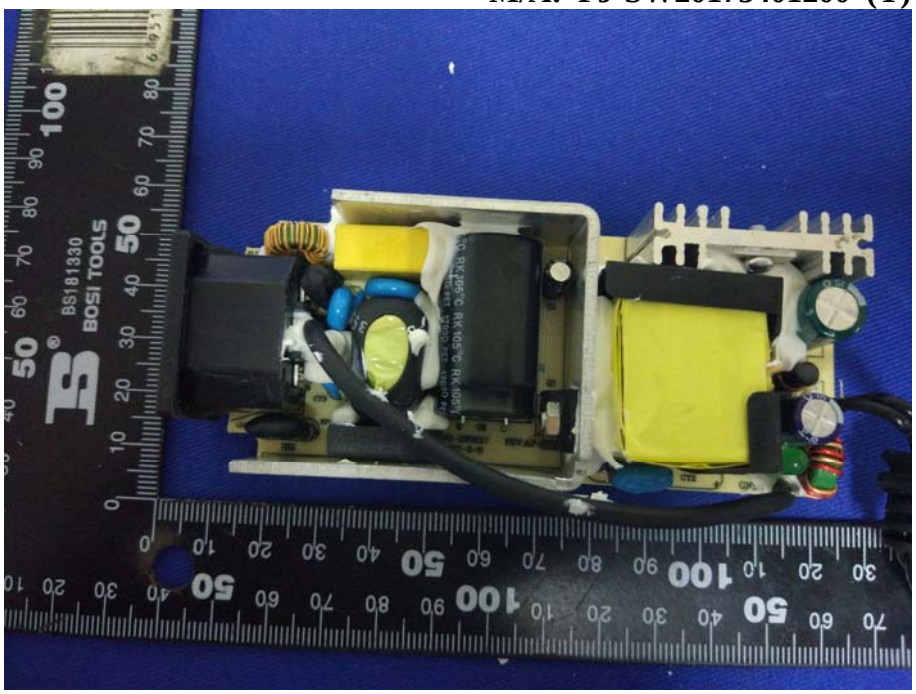


Figure 16
Inside View of the EUT
M/A: FJ-SW20175401200 (Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 17
Inside View of the EUT
M/A: FJ-SW20175401200 (Y)

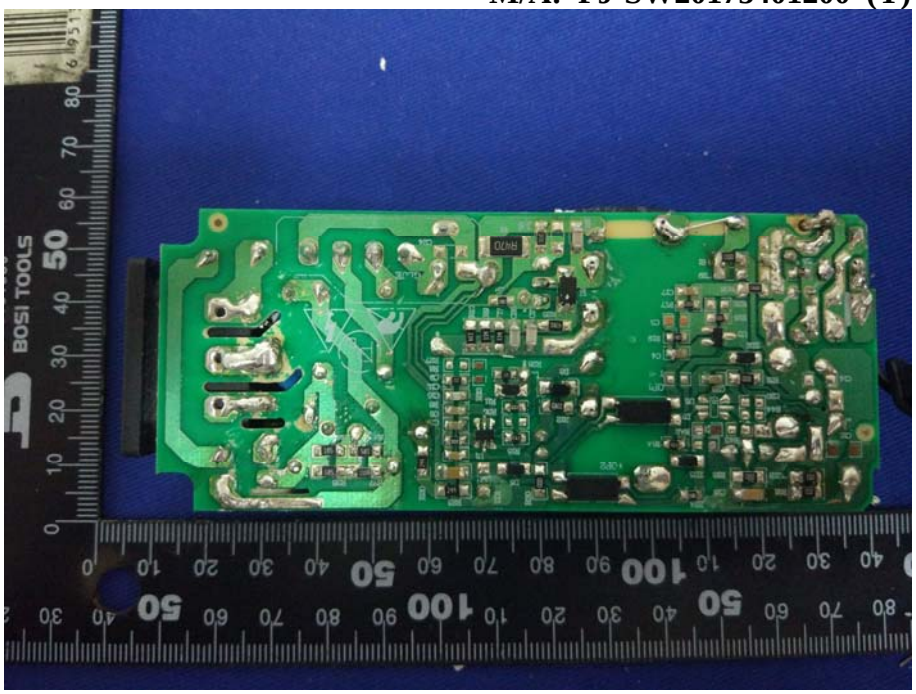
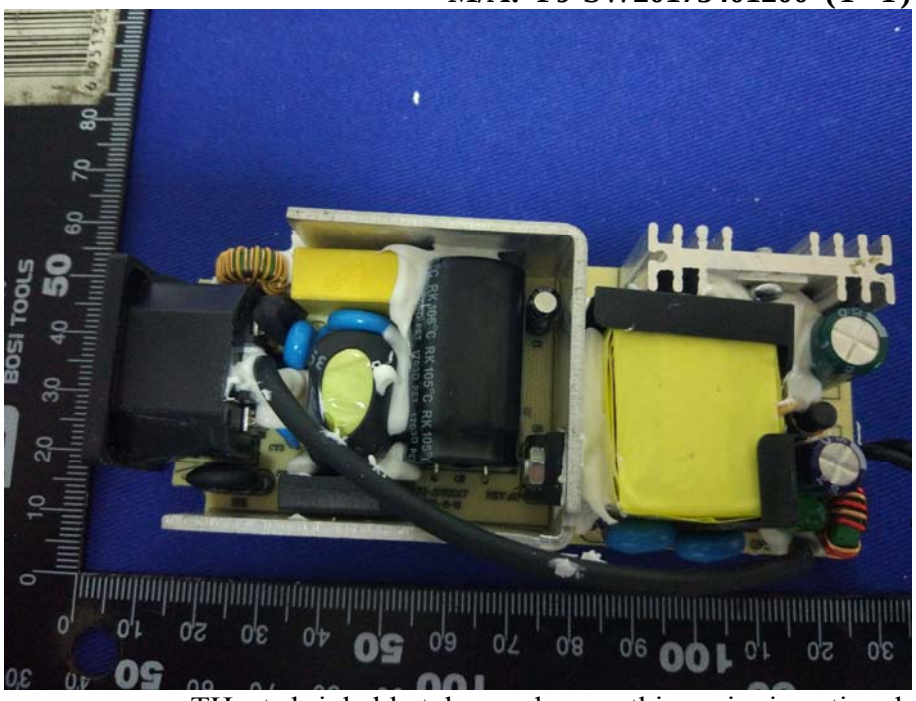
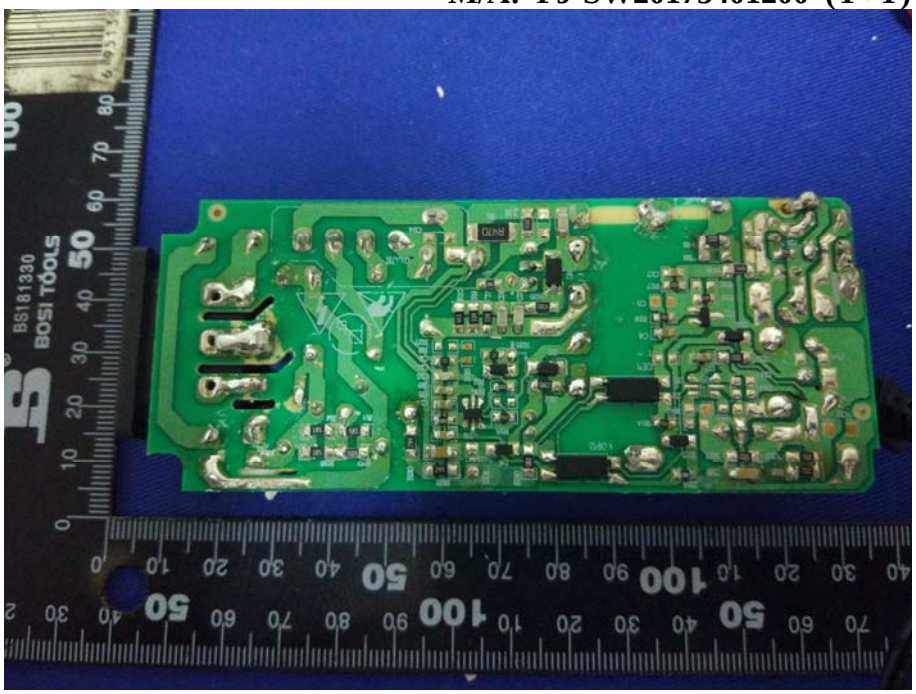


Figure 18
Inside View of the EUT
M/A: FJ-SW20175401200 (Y+Y)



THeat shrinkable tube used on earthing wire is optional, which does not affect the EMC test

Figure 19
Inside View of the EUT
M/A: FJ-SW20175401200 (Y+Y)



FJ-SW2017xxxyyyyD Series

Figure 20
General Appearance of the EUT



Figure 21
General Appearance of the EUT

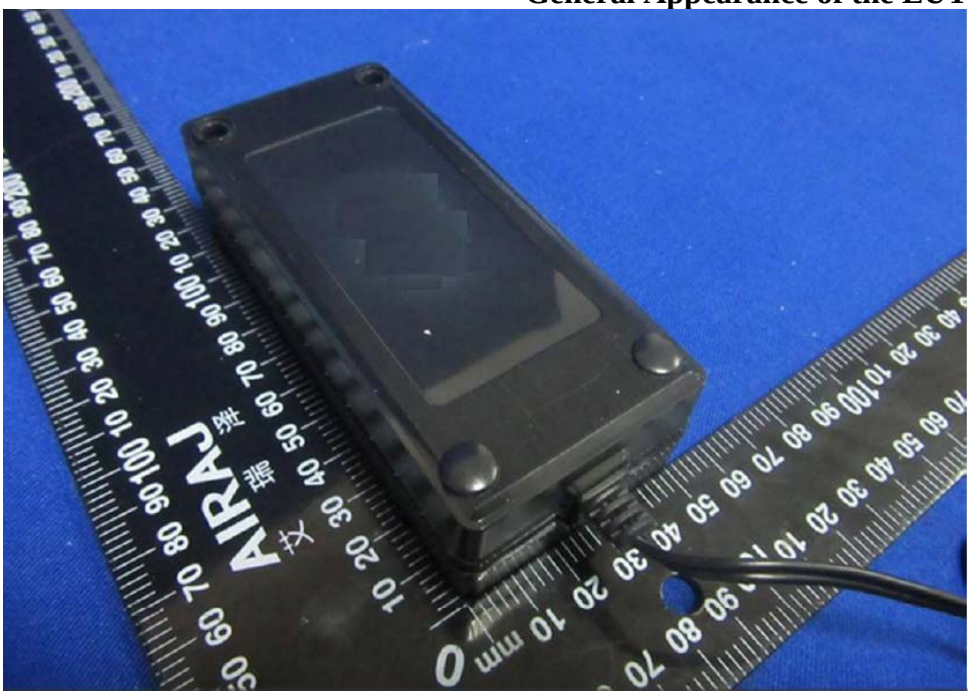


Figure 22
General Appearance of the EUT



Figure 23
Inside View of the EUT
M/A: FJ-SW20170906000D (Y)

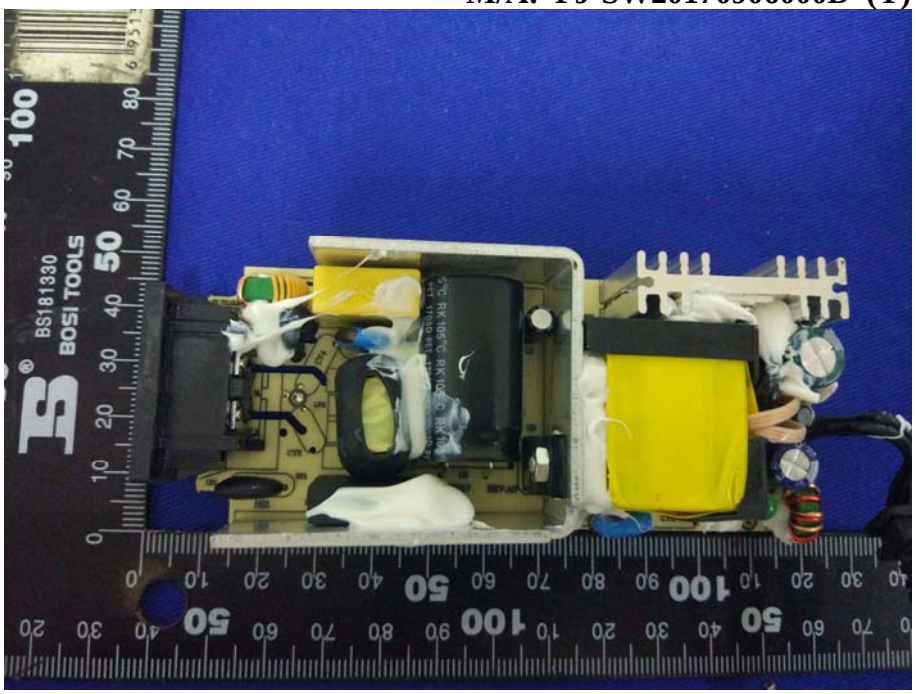


Figure 24
Inside View of the EUT
M/A: FJ-SW20170906000D (Y)

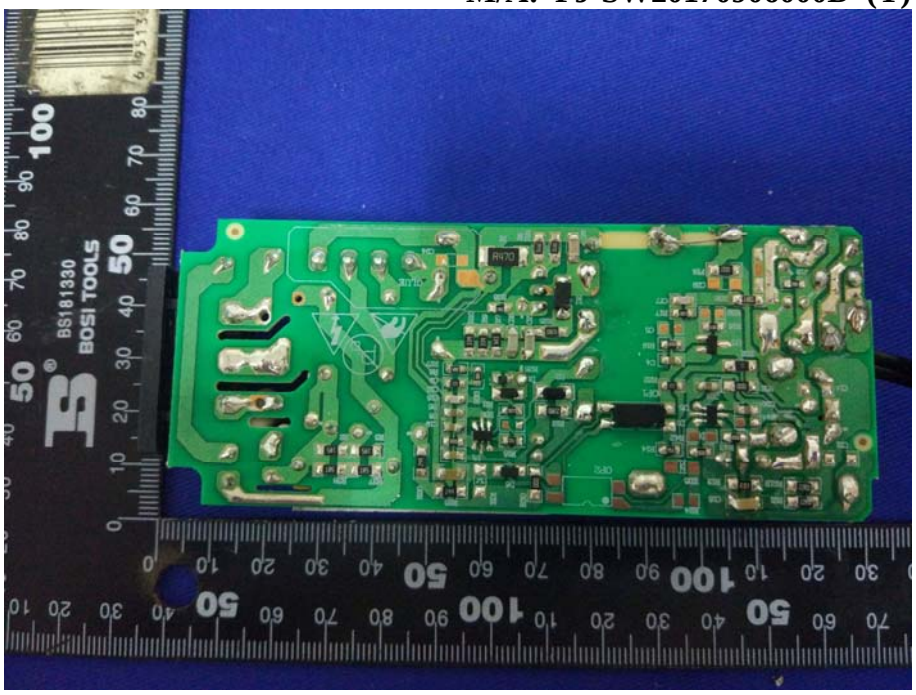


Figure 25
Inside View of the EUT
M/A: FJ-SW20170906000D (Y+Y)



Figure 26
Inside View of the EUT
M/A: FJ-SW20170906000D (Y+Y)

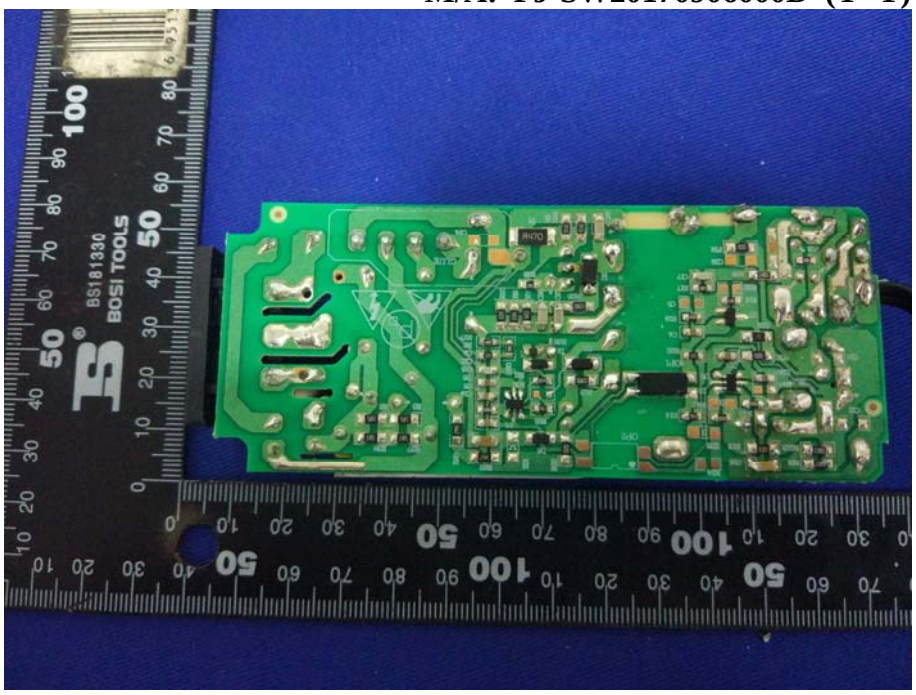


Figure 27
Inside View of the EUT
M/A: FJ-SW20171086000D (Y)

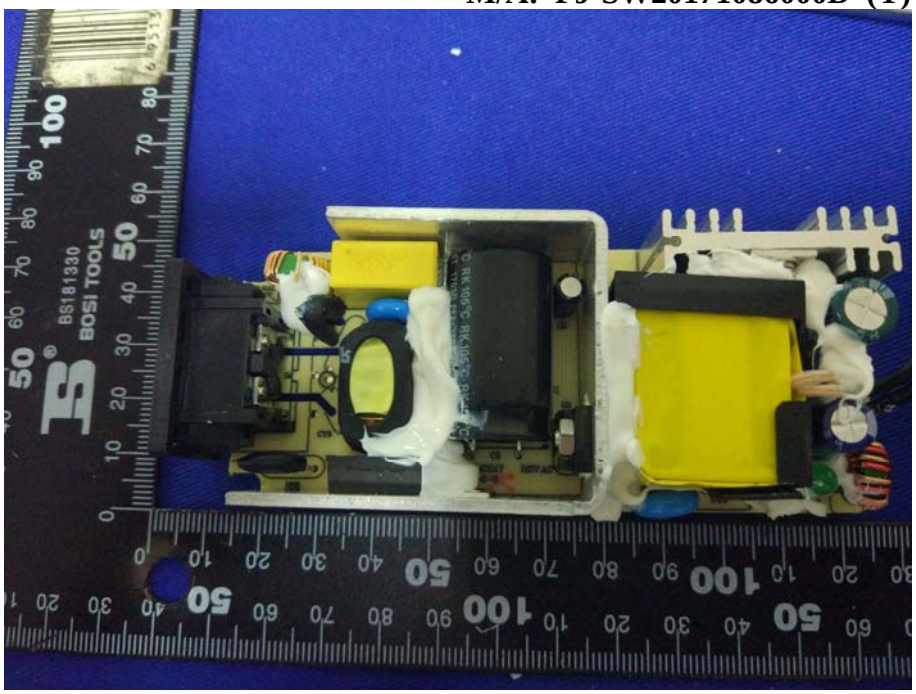


Figure 28
Inside View of the EUT
M/A: FJ-SW20171086000D (Y)

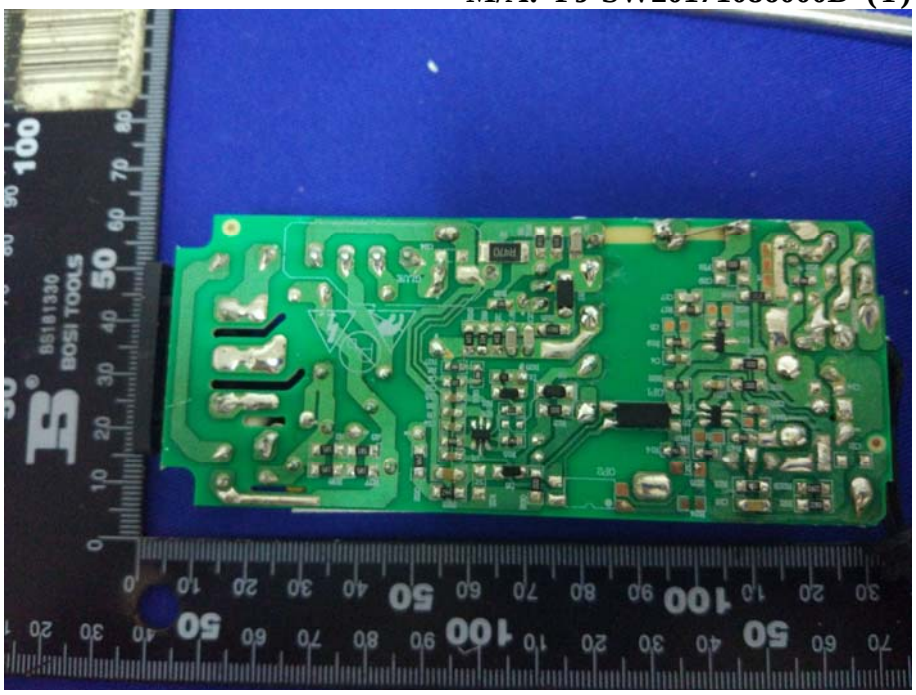


Figure 29
Inside View of the EUT
M/A: FJ-SW20171086000D (Y+Y)

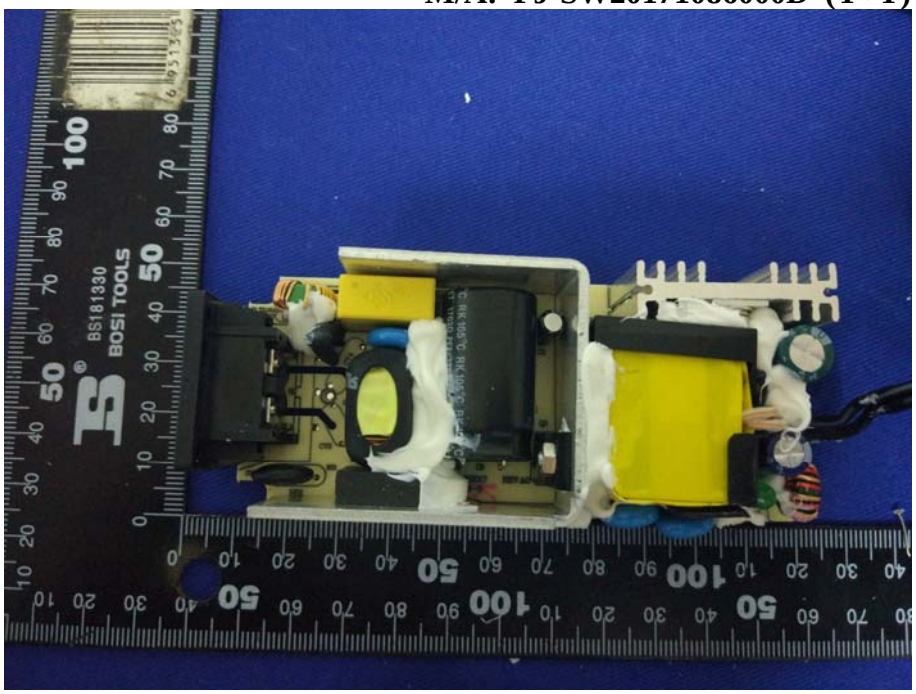


Figure 30
Inside View of the EUT
M/A: FJ-SW20171086000D (Y+Y)

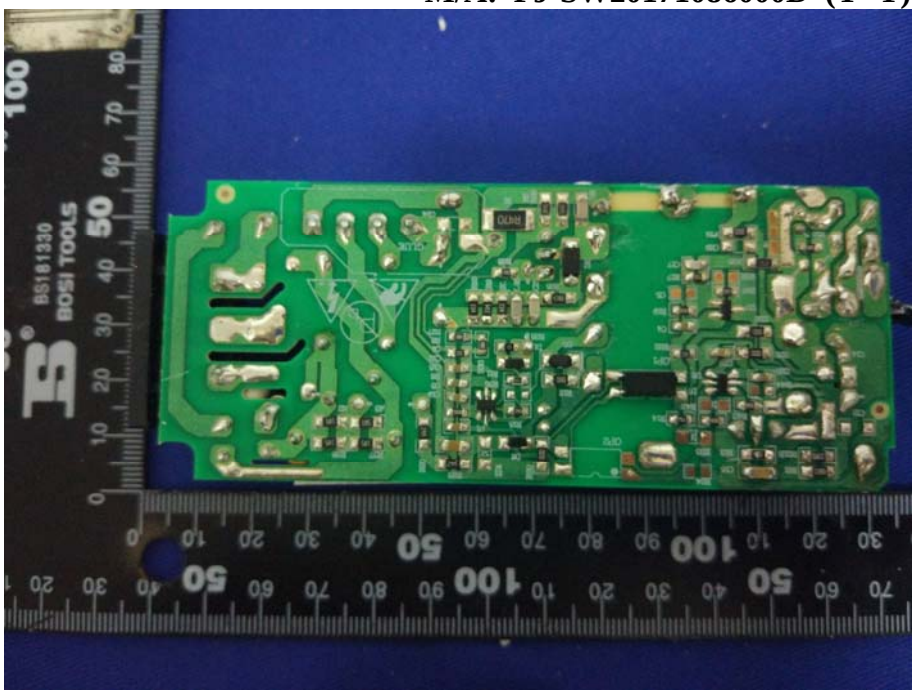


Figure 31
Inside View of the EUT
M/A: FJ-SW20173301970D (Y)

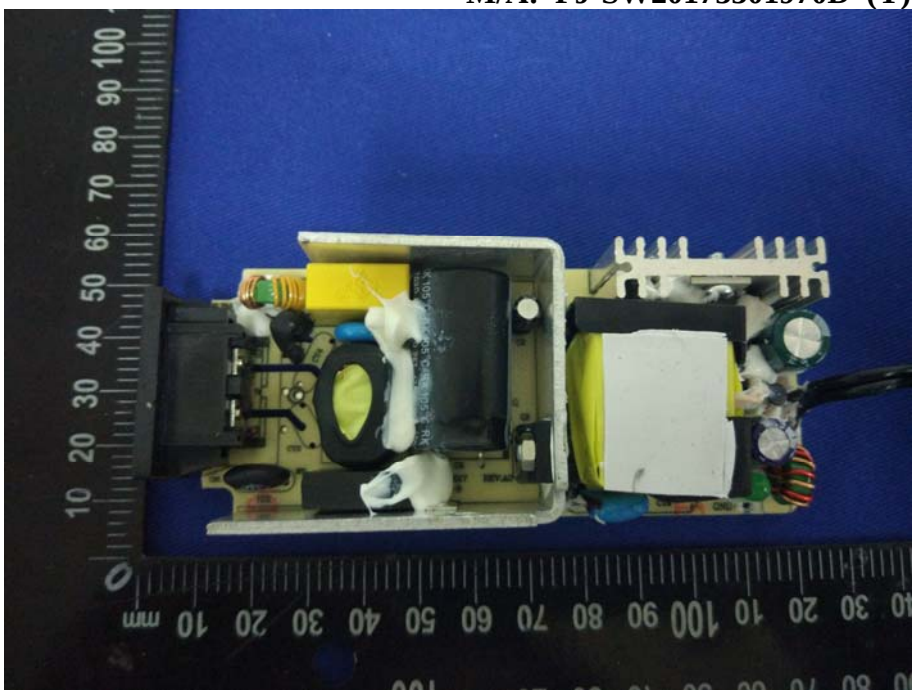


Figure 32
Inside View of the EUT
M/A: FJ-SW20173301970D (Y)

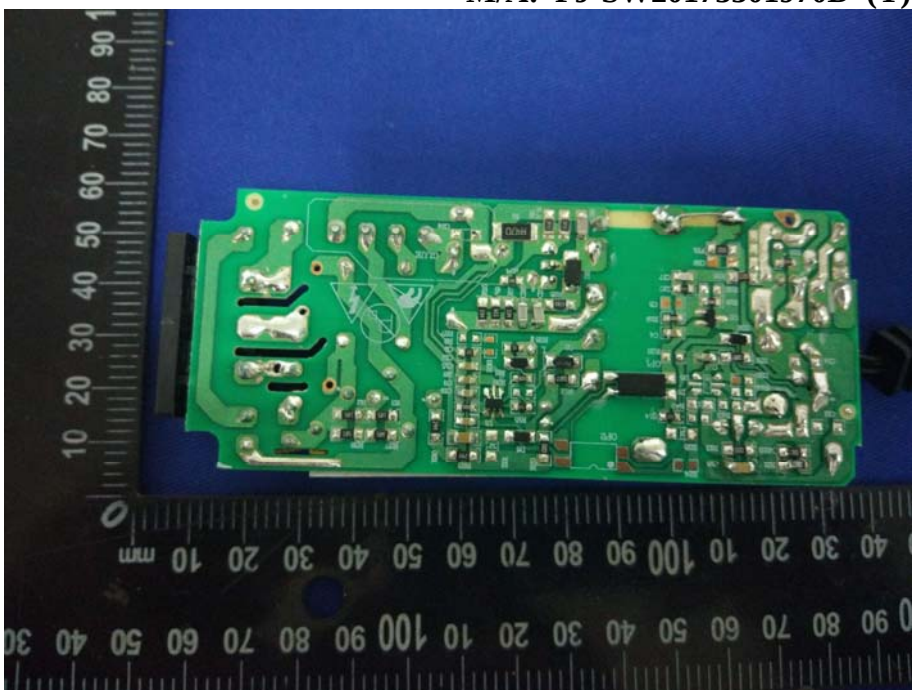


Figure 33
Inside View of the EUT
M/A: FJ-SW20173301970D (Y+Y)

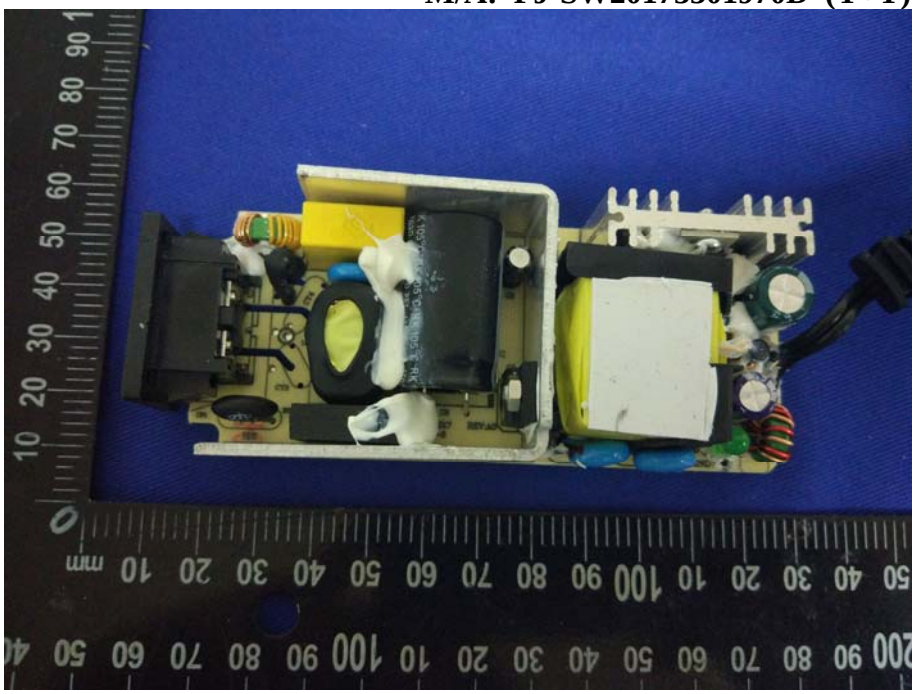


Figure 34
Inside View of the EUT
M/A: FJ-SW20173301970D (Y+Y)

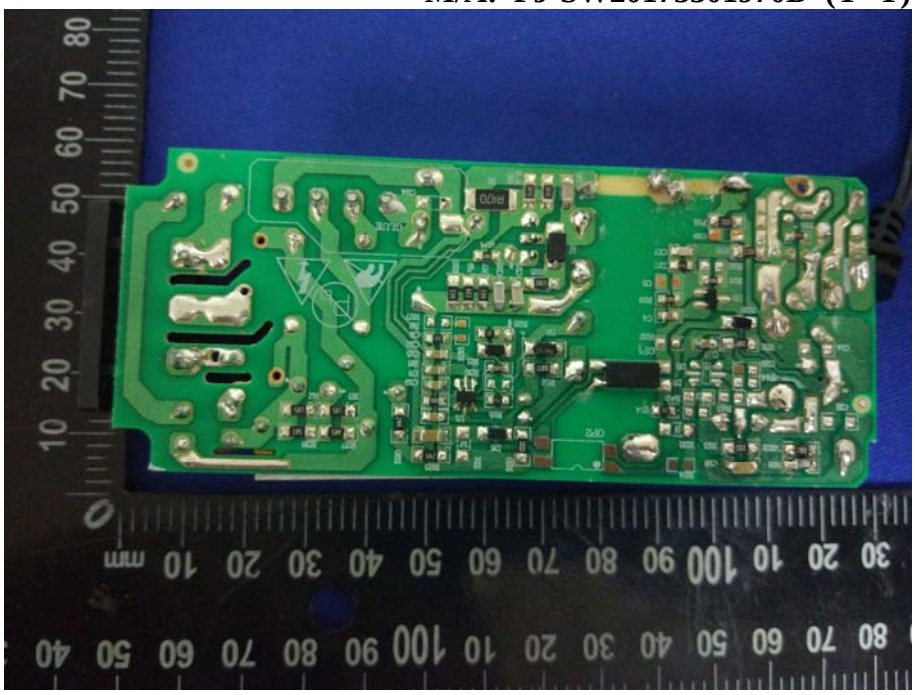


Figure 35
Inside View of the EUT
M/A: FJ-SW20175401200D (Y)

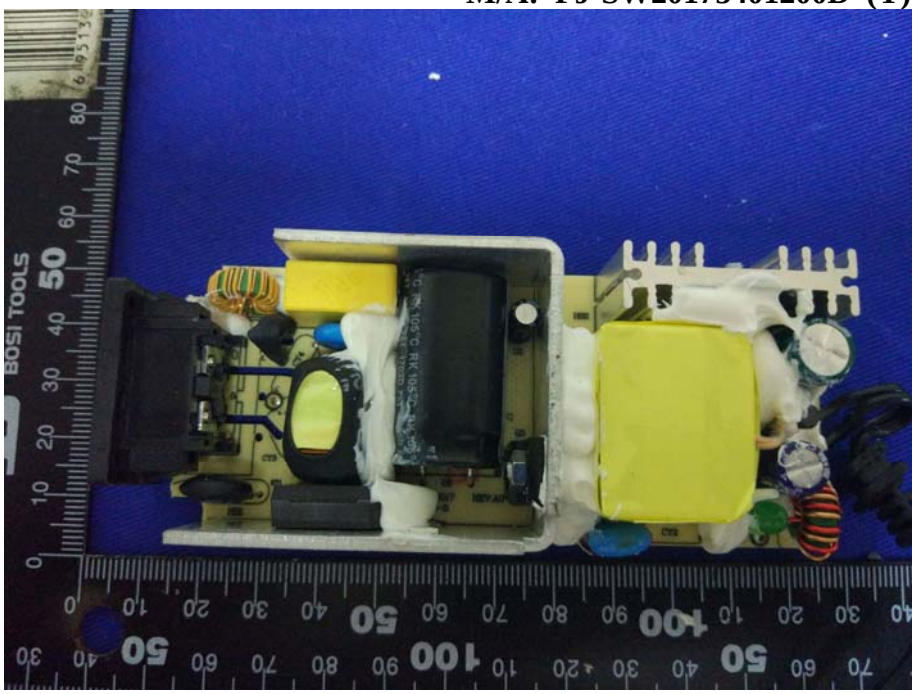


Figure 36
Inside View of the EUT
M/A: FJ-SW20175401200D (Y)

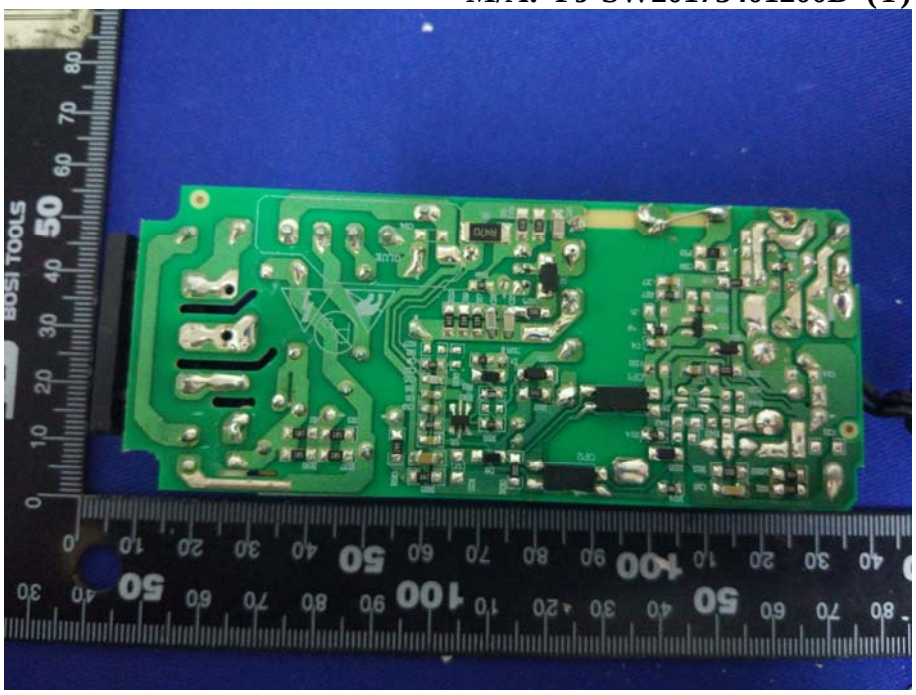


Figure 37
Inside View of the EUT
M/A: FJ-SW20175401200D (Y+Y)

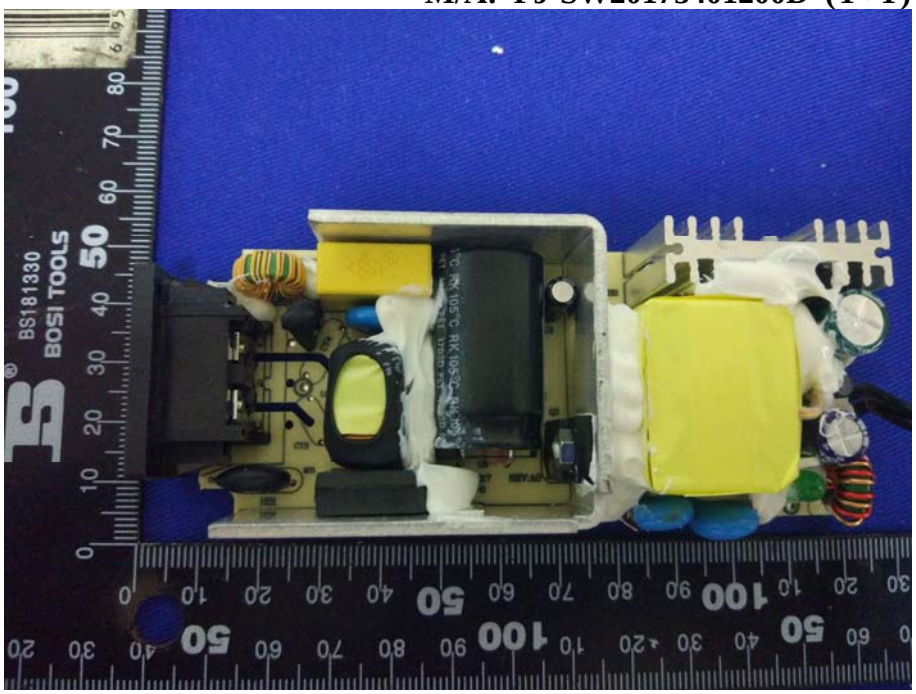
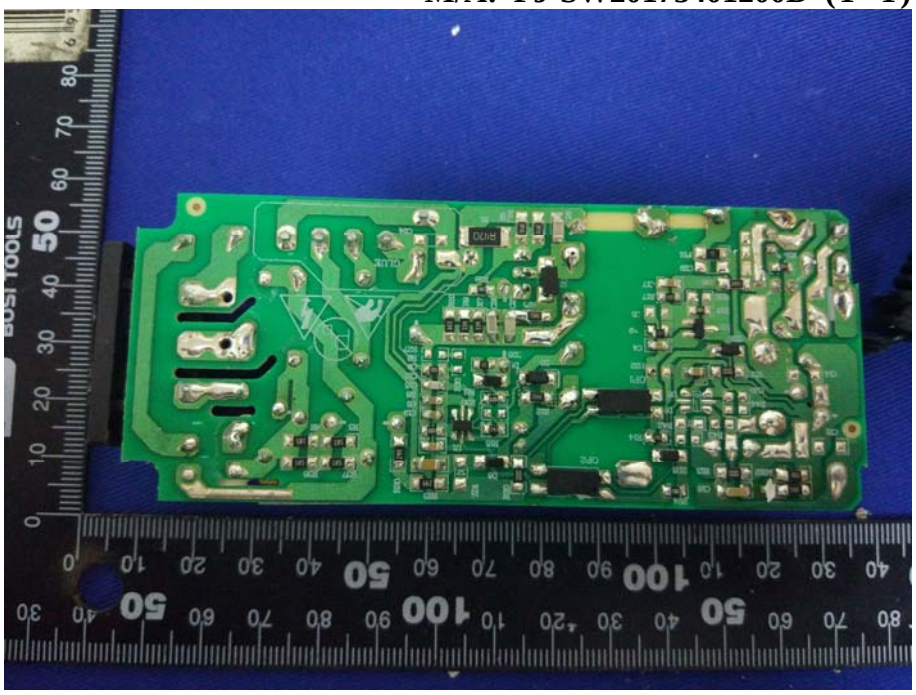


Figure 38
Inside View of the EUT
M/A: FJ-SW20175401200D (Y+Y)



End of Test Report