

# FCC SDoC / ISED TEST REPORT

for

Channel Well Technology Co., Ltd.

AC Adaptor

Prepared for : Channel Well Technology Co., Ltd.

Address : No.222, Sec. 2, Nankan Rd., Lujhu Township,  
Taoyuan Hsien, 33855 Taiwan.

Prepared by : EST Technology Co., Ltd.

Address : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,  
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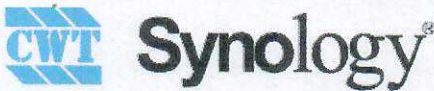

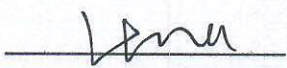
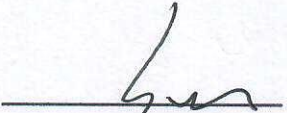

Report No. : ESTE-F1708022-2

Date of Report : Apr. 15, 2021

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## EST Technology Co., Ltd.

<b>Applicant:</b>	Channel Well Technology Co., Ltd.		
<b>Address:</b>	No.222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan Hsien, 33855 Taiwan.		
<b>Manufacturer:</b>	Channel Well Technology Co., Ltd.		
<b>Address:</b>	No.222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan Hsien, 33855 Taiwan.		
<b>E.U.T:</b>	AC Adaptor		
<b>Model Number:</b>	KPL-xy-KV, KPL-xy-II, KPL-xy, KPL-xy-VI (x,y are variable, Please see section 1.3 of the report)		
<b>Trade Name:</b>			
<b>Date of Receipt:</b>	Jul. 14, 2017	<b>Date of Test:</b>	Jul. 14~Aug. 10, 2017
<b>Test Specification:</b>	FCC Part 15 Subpart B Class B:2020 ICES-003 Issue 7:2020 ANSI C63.4-2014 amended as per ANSI C63.4a-2017		
<b>Test Result:</b>	The equipment under test was found to be compliance with the requirements of the standards applied.		
		<b>Issue Date:</b> Apr. 15, 2021	
<b>Prepared by:</b>	<b>Reviewed by:</b>		
 _____ Lena / Assistant	 _____ Sean / Engineer	 _____ Iceman Hu / Manager	
<b>Other Aspects:</b>			
This report base on the previous report with report number: ESTE-F1708022-1, The FCC Part 15 Subpart B Class B:2016 standard had been updated to FCC Part 15 Subpart B Class B:2020; The ICES-003:2016 standard had been updated to ICES-003 Issue 7:2020.			
<i>Abbreviations: OK/P=passed    fail/F=failed    n.a/N=not applicable    E.U.T=equipment under tested</i>			
<i>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.</i>			



# 1. GENERAL PRODUCT INFORMATION

## 1.1. Product Function

Refer to Technical Construction Form and User Manual.

## 1.2. Description of Device (EUT)

Description	: AC Adaptor
Model No.	: KPL065U-KV, KPL066F-KV
System Input Voltage	: AC 100V-240V , 50/60Hz, 1.7A
Output	: KPL066F-KV: DC 12V, 5.5A, 66W KPL065U-KV: DC 56V, 1.16A, 65W
AC Line	: Unshielded, Detachable 1.2 m
DC Line	: Shielded, Undetachable 12 m, Core

## 1.3. Difference between Model Numbers

### KPL-xy

x represents the output wattage; x = 048, 066

y represents the output voltage; y = F

### KPL-xy-VI or KPL-xy-II or KPL-xy-KV

x represents the output wattage; x = 030, 040, 048, 050, 060, 065, 066

y represents the output voltage; y = F, G, V, H, I, W, J, K, L, N, Q, R, M, A, S, T, P, U

x = O/P Wattage (W)	y = O/P Voltage	DC Output Voltage (V)	AC Input Voltage (VAC)	AC Input Current (A)	AC Input Frequency (Hz)
040, 048, 050, 060, 065, 066	F	12	100-240	1.7	50/60
040, 050, 060	G	13	100-240	1.7	50/60
040, 050, 060	V	14	100-240	1.7	50/60
040, 050, 060	H	15	100-240	1.7	50/60
040, 050, 060	I	16	100-240	1.7	50/60
040, 050, 060	W	17	100-240	1.7	50/60
040, 050, 065	J	18	100-240	1.7	50/60
040, 050, 060, 065	K	19	100-240	1.7	50/60
040, 050, 065	L	20	100-240	1.7	50/60
040, 050, 065	N	21	100-240	1.7	50/60
040, 050, 065	Q	22	100-240	1.7	50/60
040, 050, 065	R	23	100-240	1.7	50/60
040, 050, 060, 065	M	24	100-240	1.7	50/60
040, 060, 060, 0.65	A	36	100-240	1.7	50/60
030, 050, 060, 065	S	48	100-240	1.7	50/60
030, 050, 060, 065	T	52	100-240	1.7	50/60
030, 050, 060, 065	P	54	100-240	1.7	50/60
030, 050, 060, 065	U	56	100-240	1.7	50/60

O/P Voltage (y = )	O/P Voltage (V)	DC Output Current @ O/P Wattage 30W	DC Output Current @ O/P Wattage 40W	DC Output Current @ O/P Wattage 48W	DC Output Current @ O/P Wattage 50W	DC Output Current @ O/P Wattage 60W	DC Output Current @ O/P Wattage 65W	DC Output Current @ O/P Wattage 66W
F	12	---	3.33	4.00	4.17	5.00	5.42	5.50
G	13	---	3.08	---	3.85	4.62	---	---
V	14	---	2.86	---	3.57	4.29	---	---
H	15	---	2.67	---	3.33	4.00	---	---
I	16	---	2.50	---	3.13	3.75	---	---
W	17	---	2.35	---	2.94	3.53	---	---
J	18	---	2.22	---	2.78	---	3.61	---
K	19	---	2.11	---	2.63	3.16	3.42	---
L	20	---	2.00	---	2.50	---	3.25	---
N	21	---	1.90	---	2.38	---	3.10	---
Q	22	---	1.82	---	2.27	---	2.95	---
R	23	---	1.74	---	2.17	---	2.83	---
M	24	---	1.67	---	2.08	2.50	2.71	---
A	36	---	1.11	---	1.39	1.67	1.81	---
S	48	0.66	---	---	1.04	1.25	1.35	---
T	52	0.58	---	---	0.96	1.15	1.25	---
P	54	0.56	---	---	0.93	1.11	1.20	---
U	56	0.54	---	---	0.89	1.07	1.16	---

#### 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 SITES

### 2.1. Description of Standards and Results

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

EMISSION			
Description of Test Item	Standard	Limits	Results
Conducted disturbance at mains terminals	FCC Part 15:2020 ICES-003:2020	Class B	PASS
		Minimum passing margin is 11.01dB at 1.80MHz	
Radiated Emission Test	FCC Part 15:2020 ICES-003:2020	Class B	PASS
		Minimum passing margin is 8.69dB at 34.85MHz	

## 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



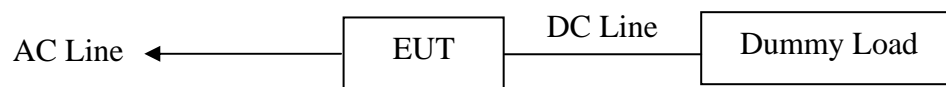
## 2.1. TEST SET-UP AND OPERATION MODES

### 2.2. 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.

### 2.3. Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators



(EUT: AC Adaptor)

### 2.4. Test Operation Mode and Test Software

Refer to Test Setup in clause 4.

### 2.5. Special Accessories and Auxiliary Equipment

None.

### 2.6. Countermeasures to Achieve EMC Compliance

None.

### 3. EMISSION TEST RESULTS

#### 3.1. Conducted Emission at the Mains Terminals Test

<b>RESULT</b>	<b>: Pass</b>
Test Procedure	: ANSI C63.4-2014 amended as per ANSI C63.4a-2017
Frequency Range	: 0.15 to 30MHz
Test Site	: Shielded Room
Limits	: FCC Part 15:2020 Class B / ICES-003:2020 Class B

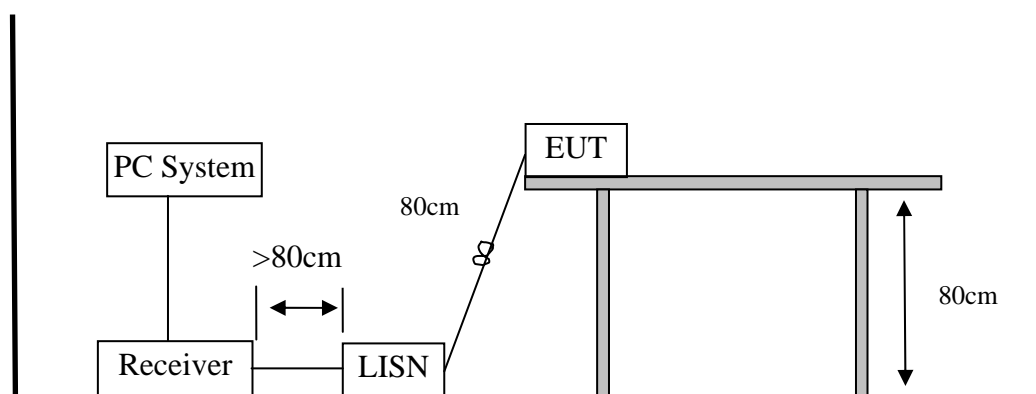
#### Test Setup

Date of Test	: Aug. 03, 2017
M/N	: KFL065U-KV, KFL066F-KV
Input Voltage	: AC 120V/60Hz, AC 240V/50Hz
Operation Mode	: Full Load, Half Load, No Load

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

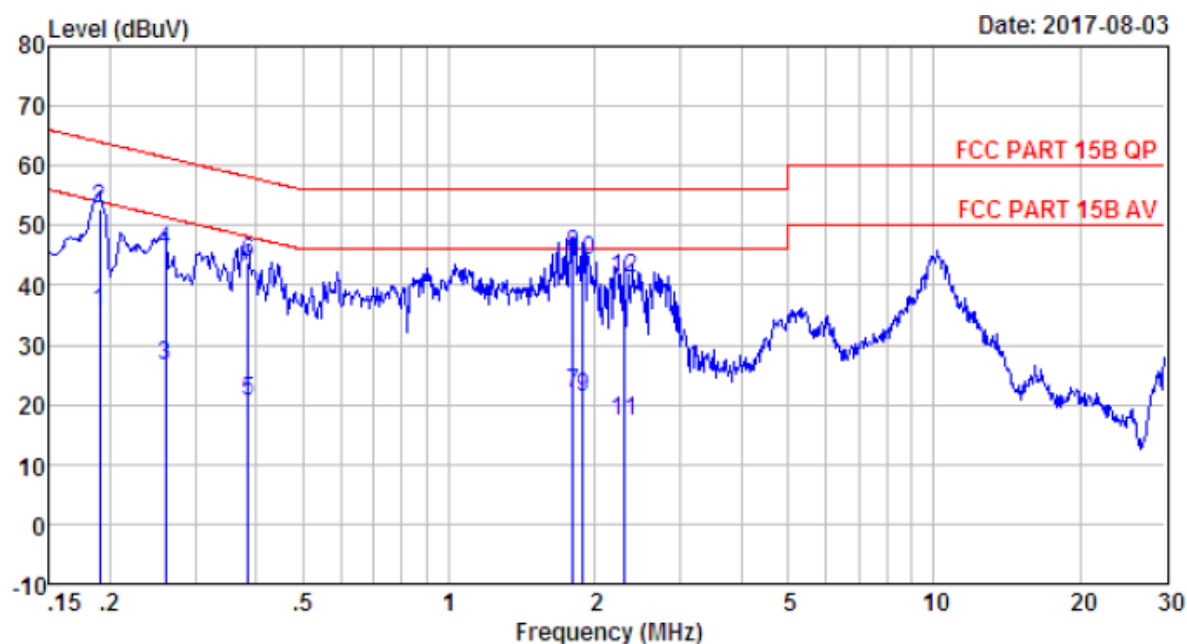
The bandwidth of the test receiver was set at 9 kHz.

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



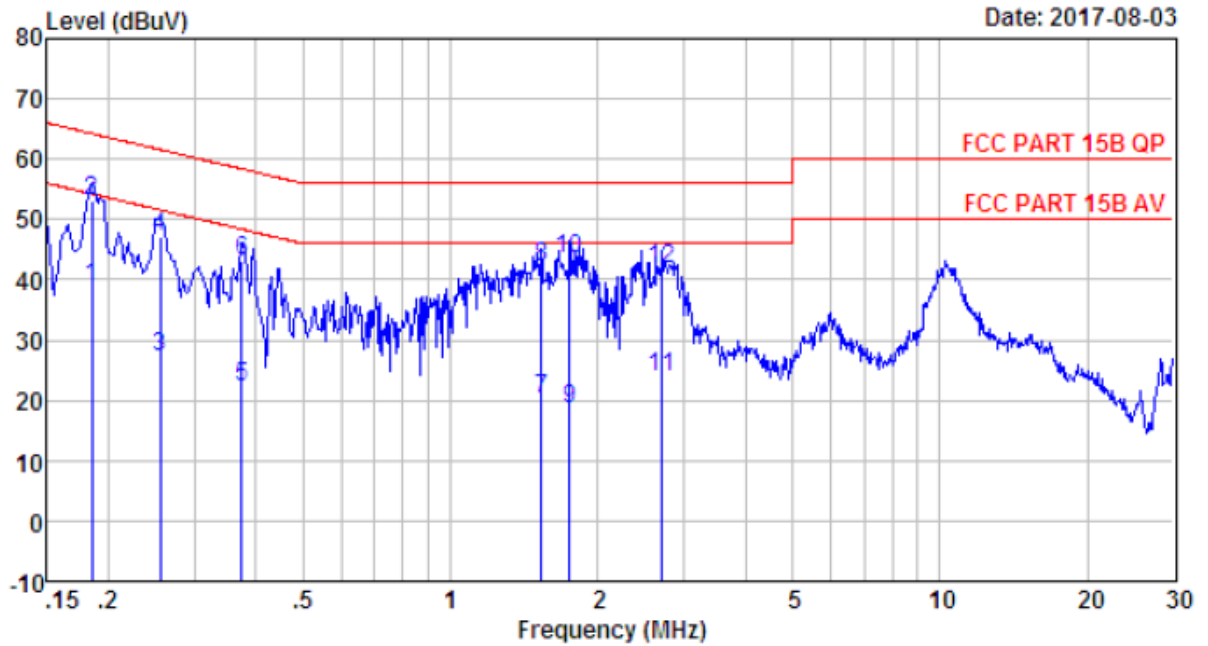
**Note: Measurement Uncertainty:  $\pm 2.54$  dB at a level of confidence of 95%.**

## Test Data



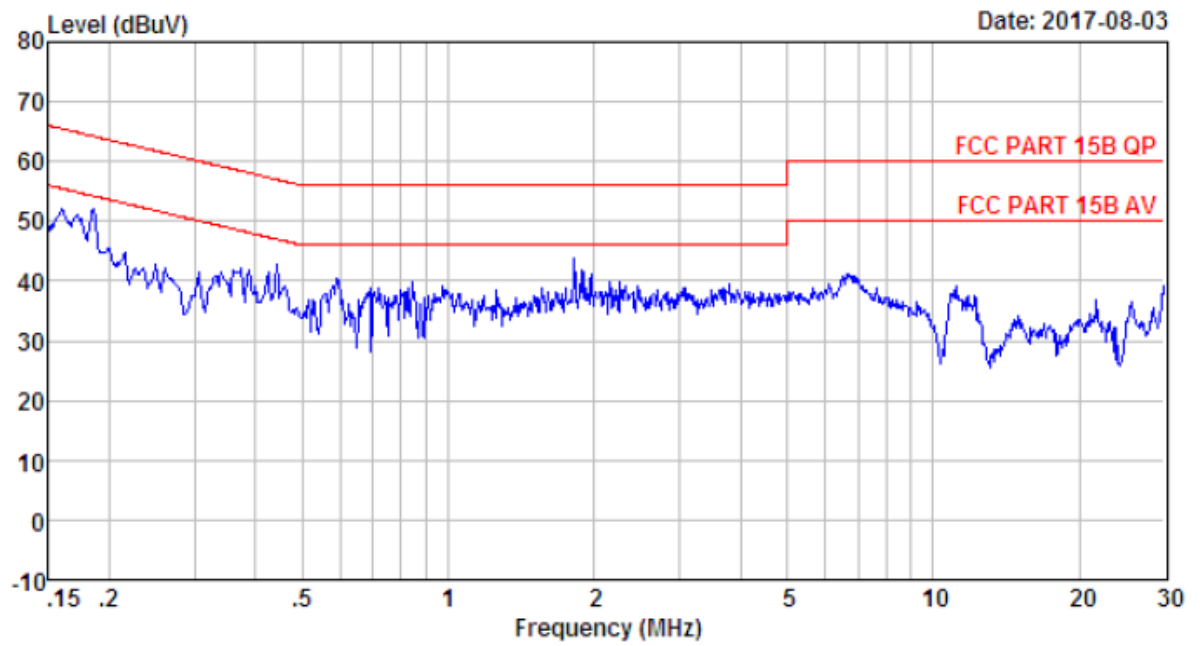
Site no : 2# Contuction Shield Room Data no. : 43  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load (Output:12V/5.5A)  
 Construction 2

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.50	0.04	26.10	35.64	54.02	18.38	Average
2	0.19	9.50	0.04	43.16	52.70	64.02	11.32	QP
3	0.26	9.51	0.04	17.01	26.56	51.42	24.86	Average
4	0.26	9.51	0.04	36.08	45.63	61.42	15.79	QP
5	0.39	9.54	0.05	11.00	20.59	48.17	27.58	Average
6	0.39	9.54	0.05	34.09	43.68	58.17	14.49	QP
7	1.80	9.55	0.06	12.31	21.92	46.00	24.08	Average
8	1.80	9.55	0.06	35.38	44.99	56.00	11.01	QP
9	1.89	9.55	0.06	11.60	21.21	46.00	24.79	Average
10	1.89	9.55	0.06	34.65	44.26	56.00	11.74	QP
11	2.30	9.55	0.06	7.50	17.11	46.00	28.89	Average
12	2.30	9.55	0.06	31.57	41.18	56.00	14.82	QP

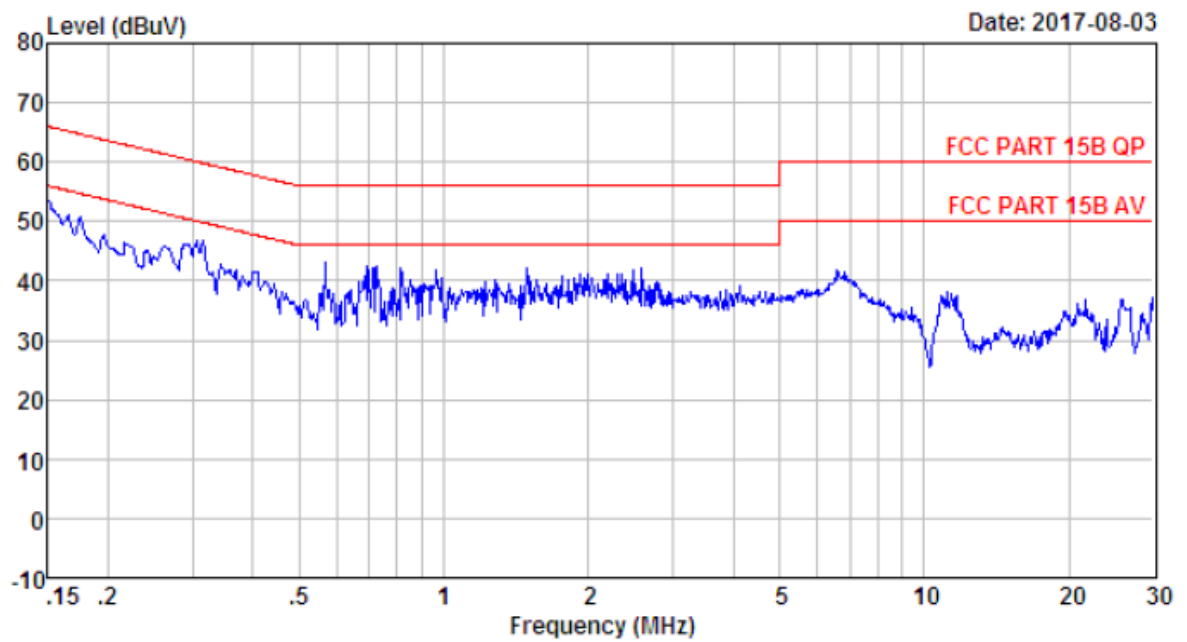


Site no : 2# Conduction Shield Room Data no. : 41  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 2

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.55	0.04	29.30	38.89	54.24	15.35	Average
2	0.19	9.55	0.04	43.35	52.94	64.24	11.30	QP
3	0.25	9.55	0.04	17.60	27.19	51.60	24.41	Average
4	0.25	9.55	0.04	37.70	47.29	61.60	14.31	QP
5	0.38	9.54	0.05	12.59	22.18	48.39	26.21	Average
6	0.38	9.54	0.05	33.63	43.22	58.39	15.17	QP
7	1.54	9.55	0.06	10.50	20.11	46.00	25.89	Average
8	1.54	9.55	0.06	32.51	42.12	56.00	13.88	QP
9	1.75	9.55	0.06	8.80	18.41	46.00	27.59	Average
10	1.75	9.55	0.06	33.83	43.44	56.00	12.56	QP
11	2.71	9.56	0.07	14.10	23.73	46.00	22.27	Average
12	2.71	9.56	0.07	32.16	41.79	56.00	14.21	QP

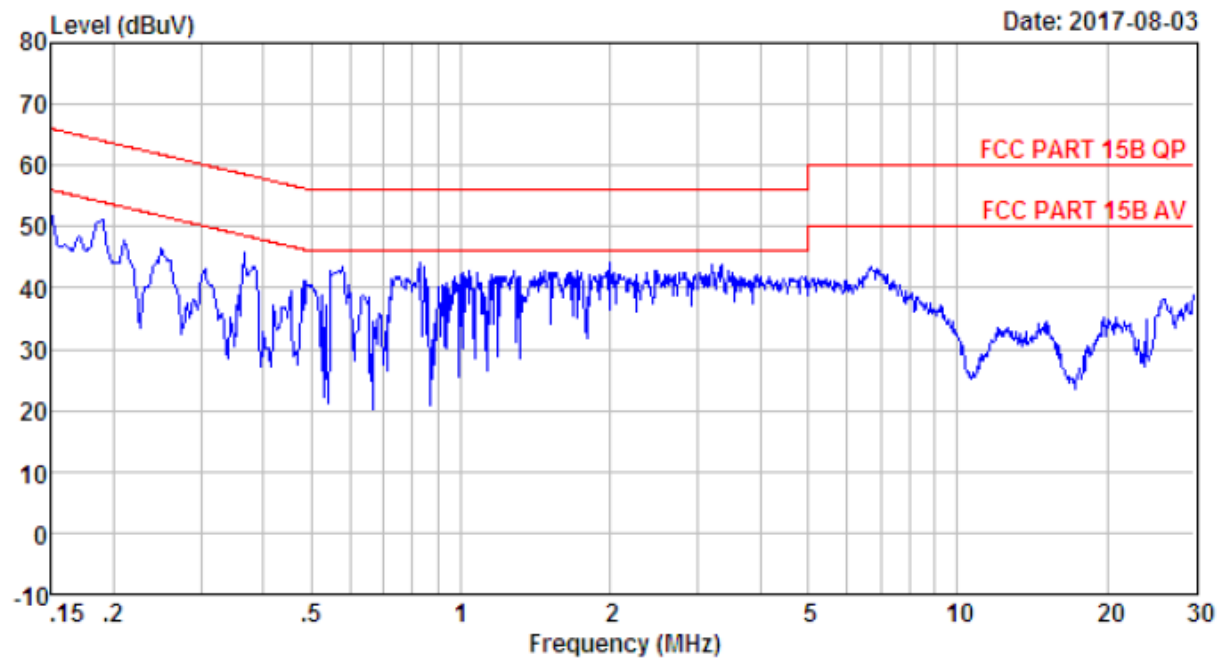


Site no : 2# Contuction Shield Room Data no. : 17  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load(Output:56V/1.16A)  
 Construction 1

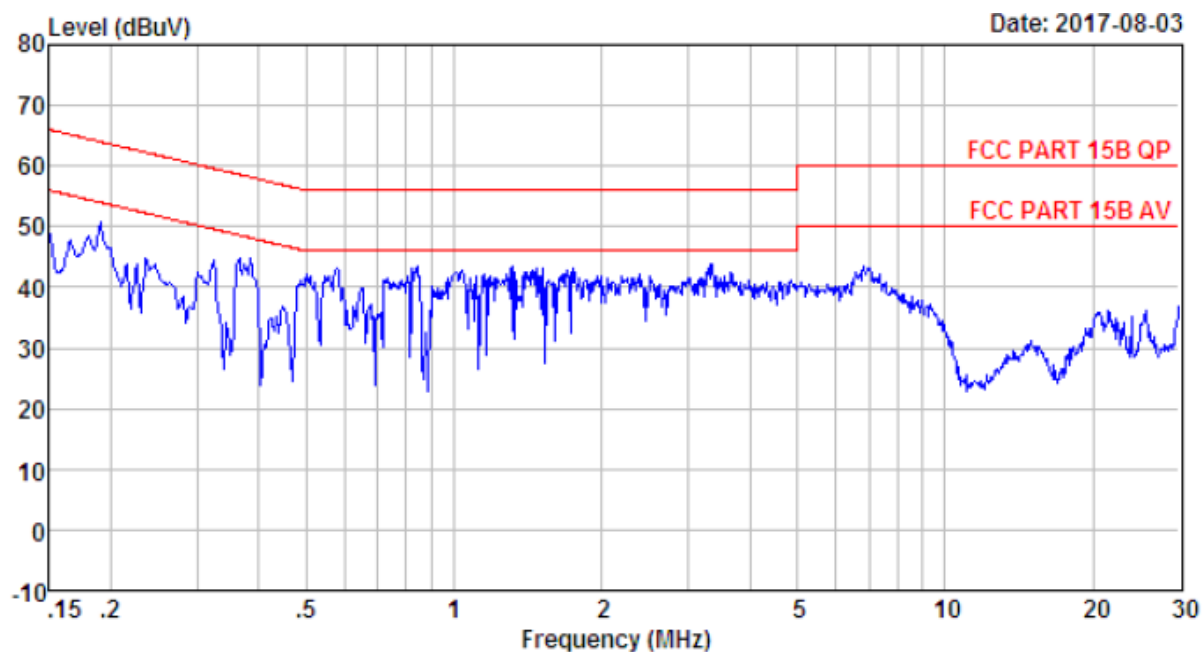


Site no : 2# Contuction Shield Room Data no. : 19  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load(Output:56V/1.16A)  
 Construction 1

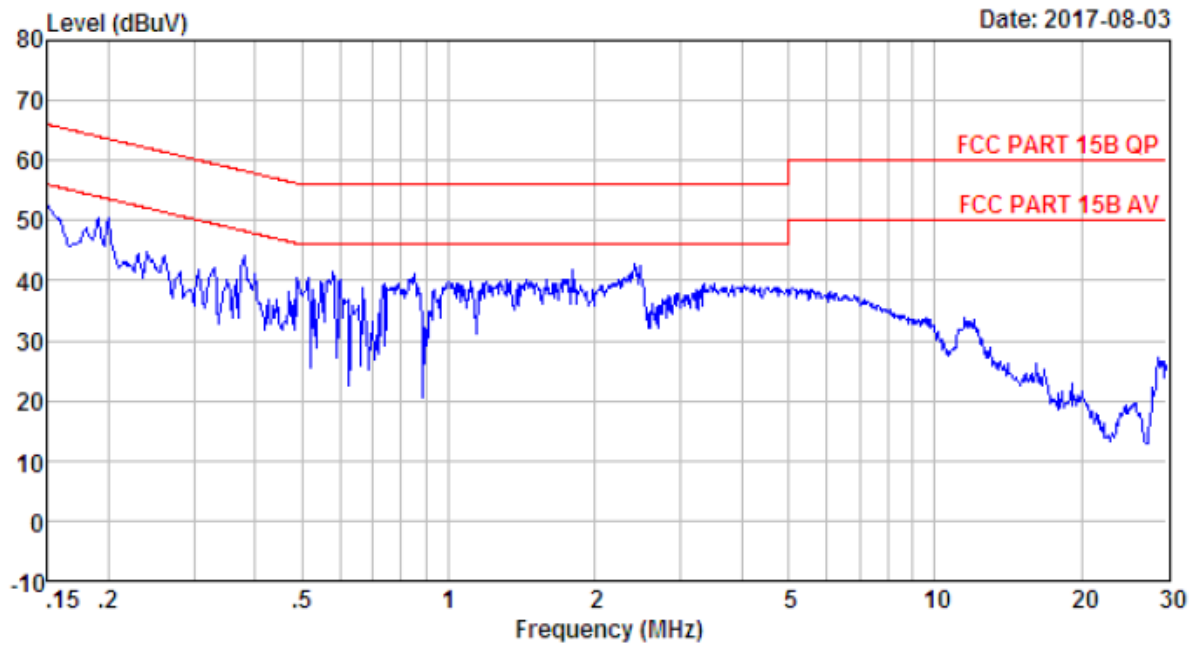




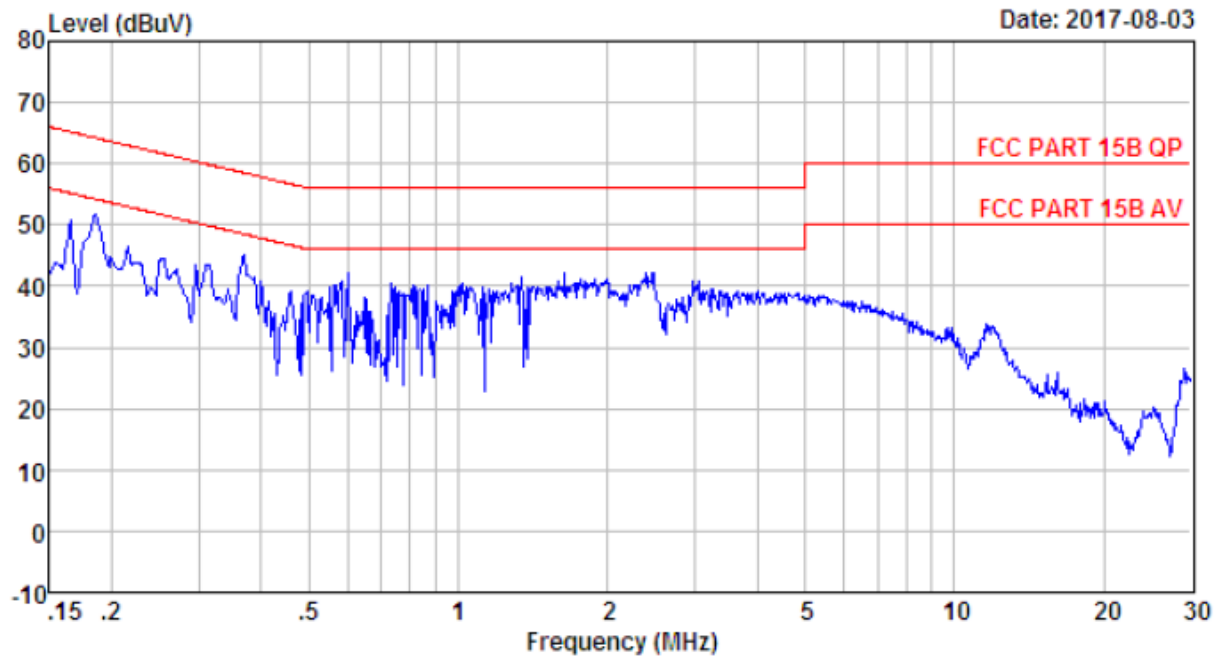
Site no : 2# Contuction Shield Room Data no. : 21  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load (Output:56V/1.16A)  
 Construction 1



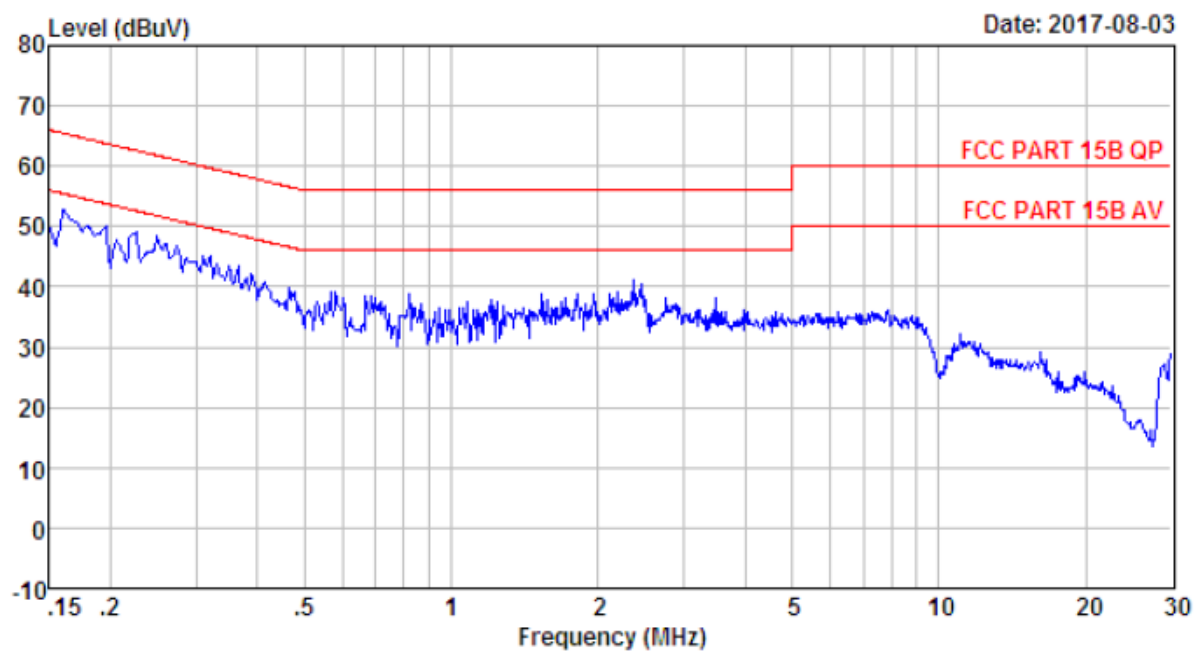
Site no : 2# Contuction Shield Room Data no. : 23  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load (Output:56V/1.16A)  
 Construction 1



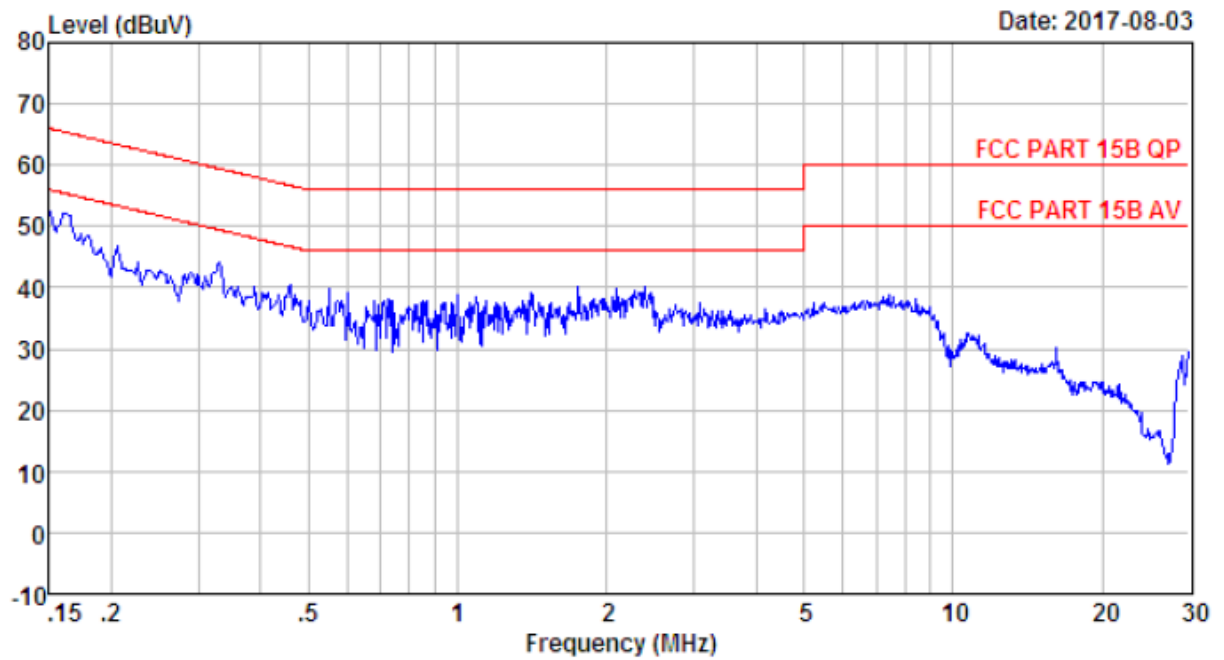
Site no : 2# Contuction Shield Room Data no. : 25  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load(Output:56V/1.16A)  
 Construction 2



Site no : 2# Contuction Shield Room Data no. : 27  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load(Output:56V/1.16A)  
 Construction 2

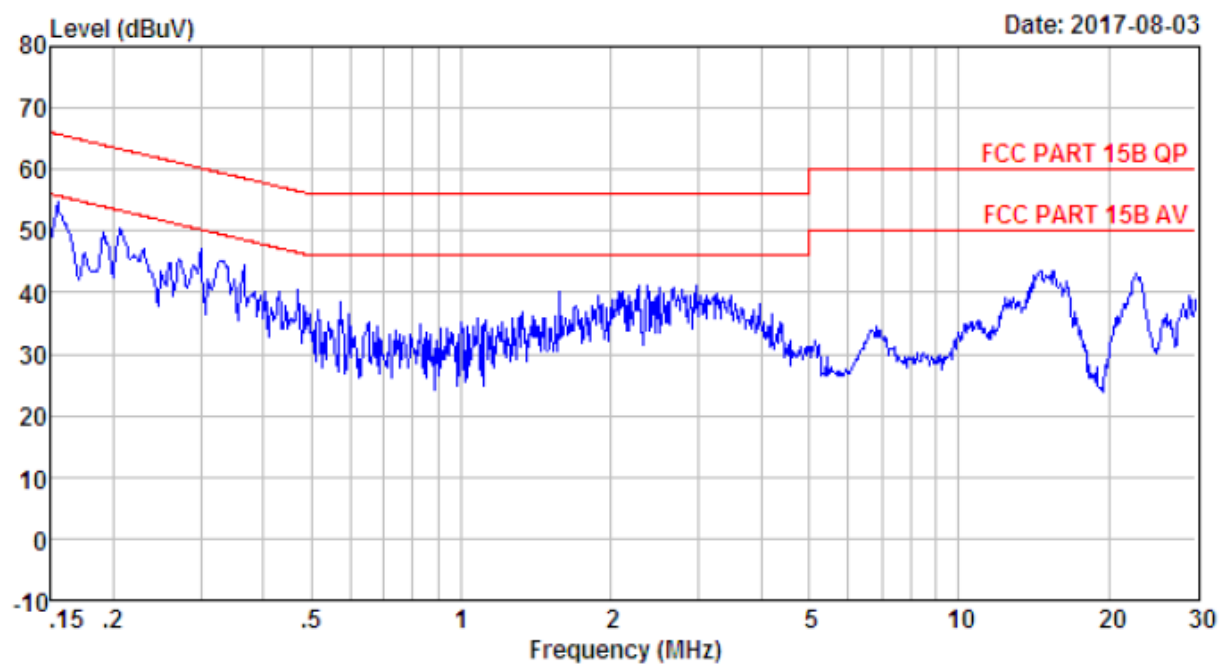


Site no : 2# Contuction Shield Room Data no. : 29  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load (Output:56V/1.16A)  
 Construction 2

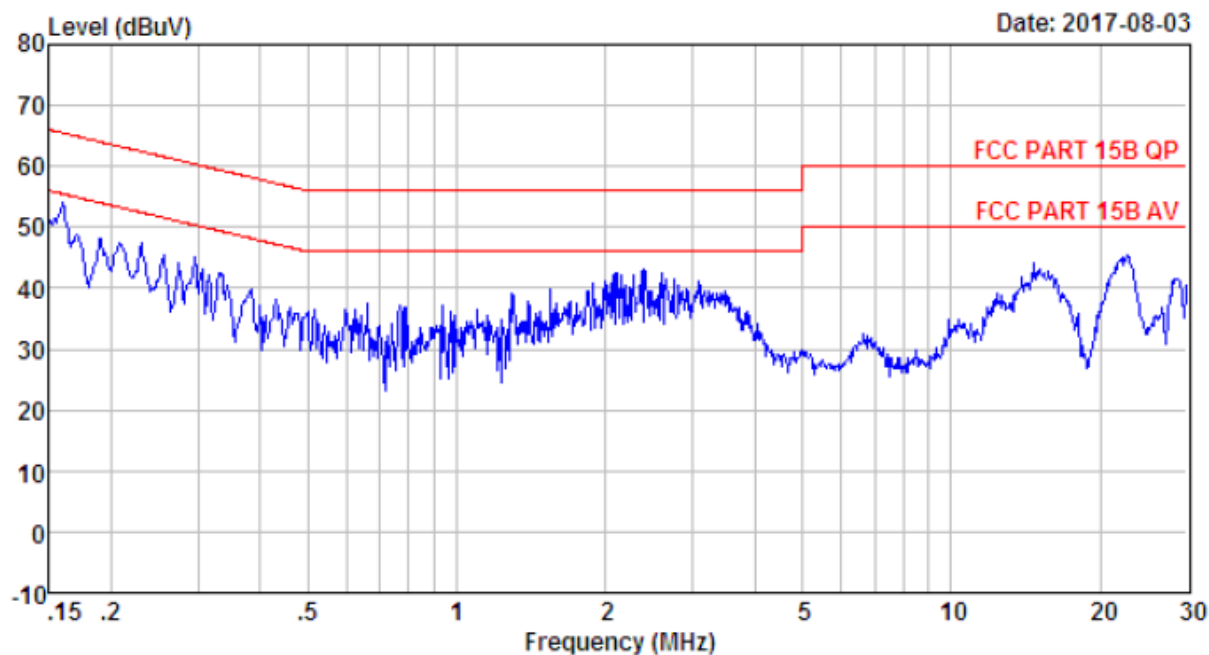


Site no : 2# Contuction Shield Room Data no. : 31  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL065U-KV  
 Test Mode : Full Load(Output:56V/1.16A)  
 Construction 2

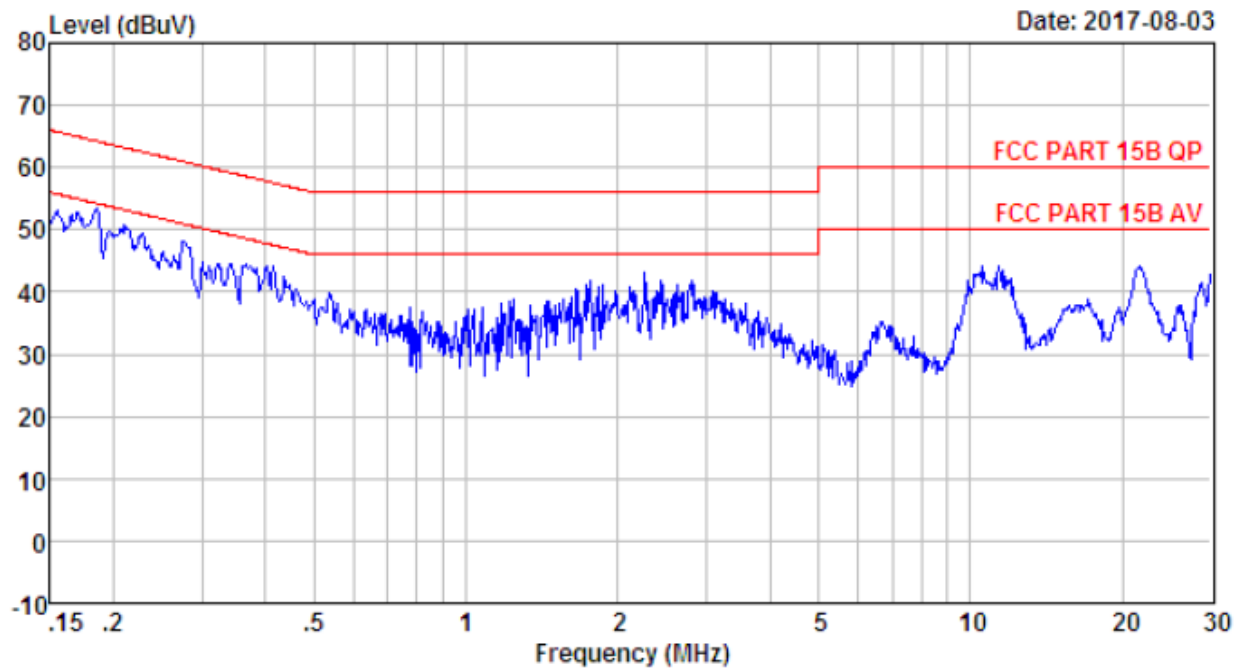




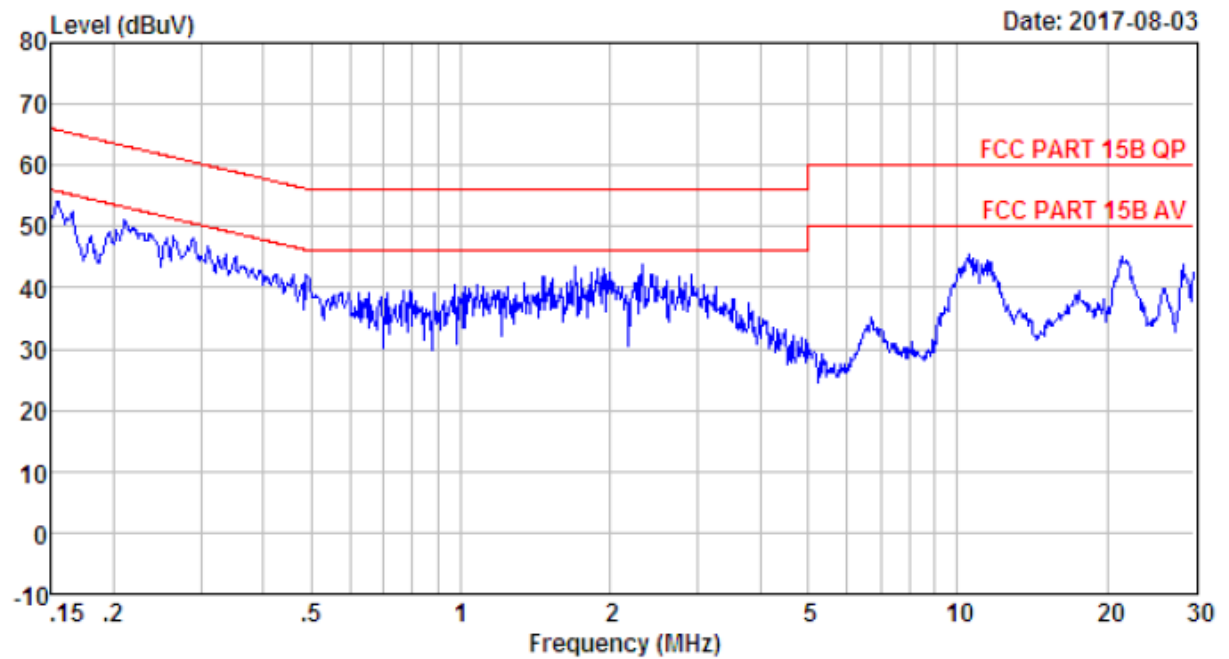
Site no : 2# Contuction Shield Room Data no. : 33  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 1



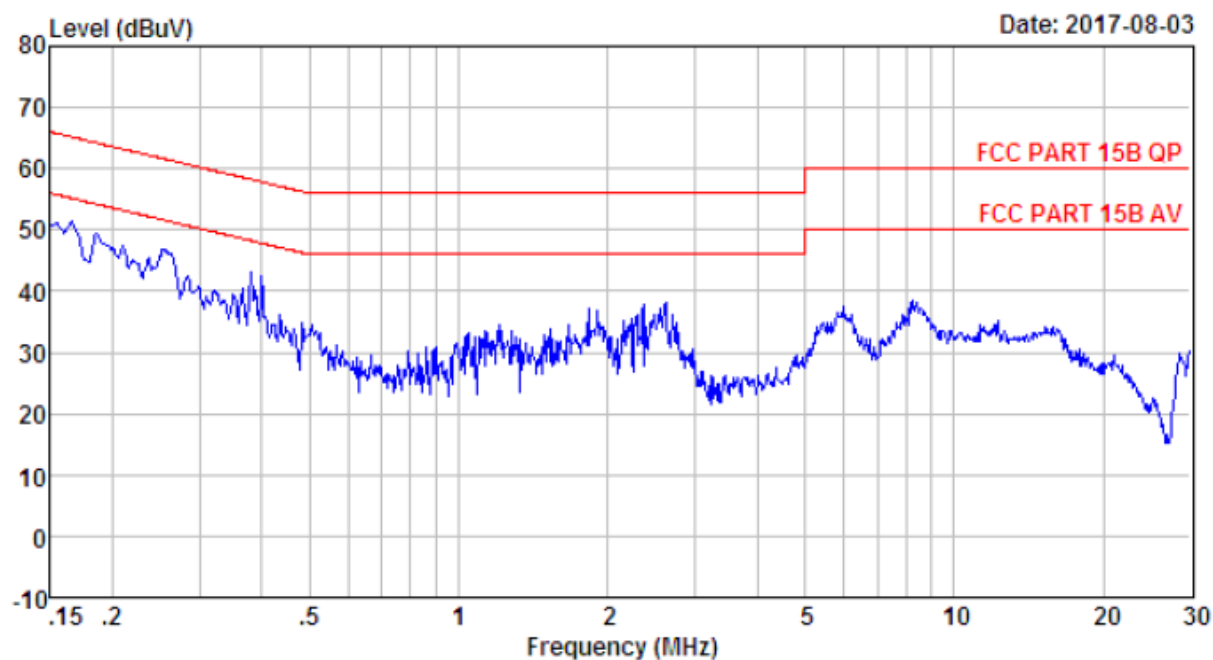
Site no : 2# Contuction Shield Room Data no. : 35  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 1



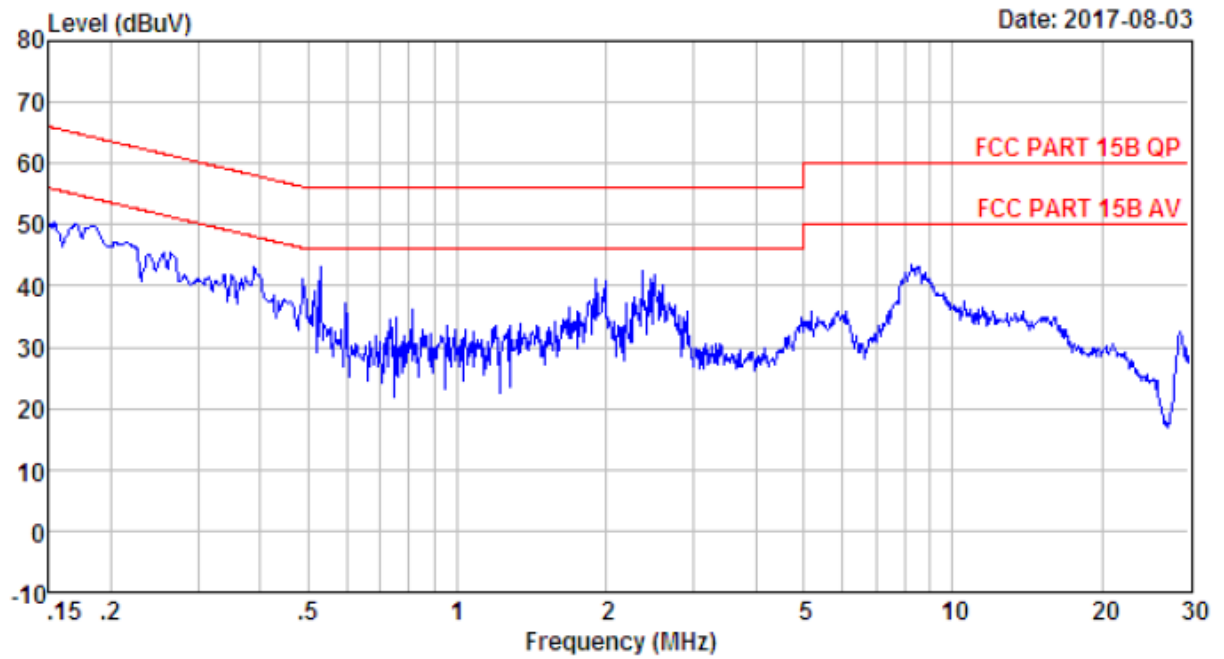
Site no : 2# Contuction Shield Room Data no. : 37  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 1



Site no : 2# Contuction Shield Room Data no. : 39  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 1

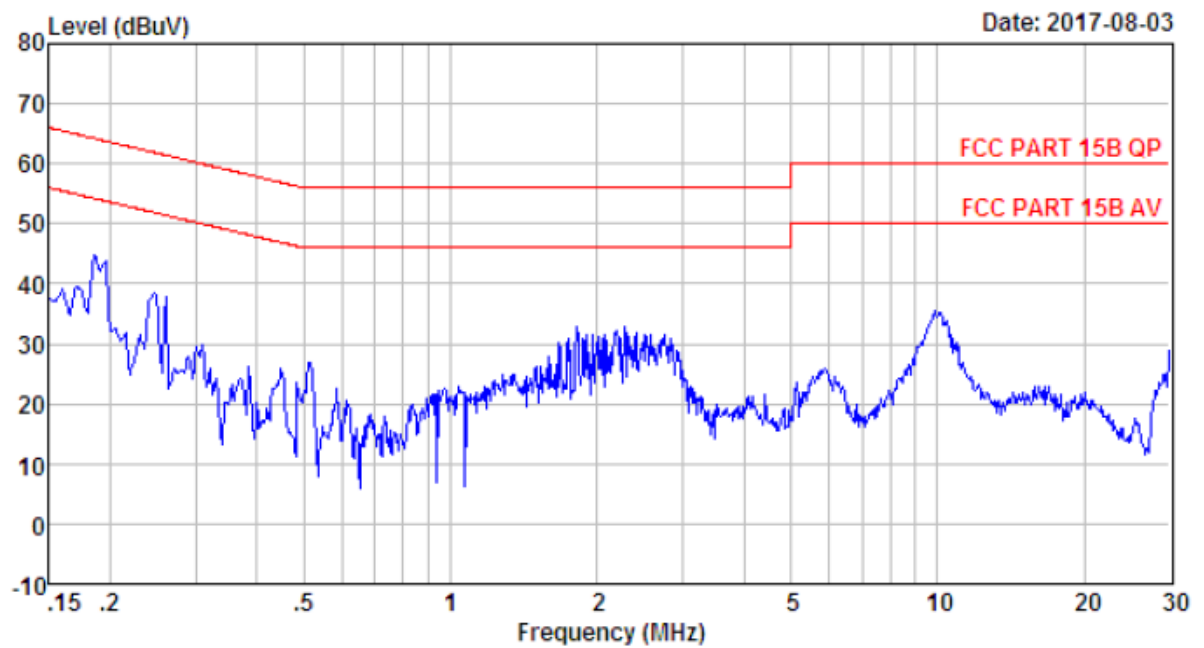


Site no : 2# Contuction Shield Room Data no. : 45  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 2

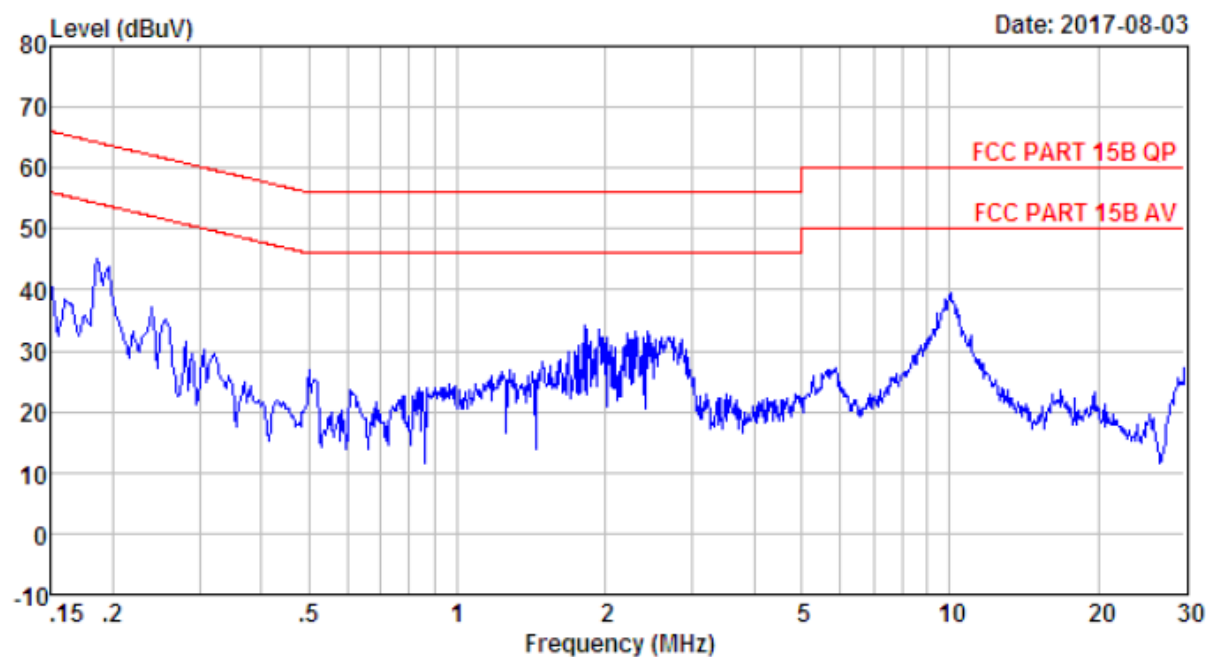


Site no : 2# Contuction Shield Room Data no. : 47  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
 Construction 2

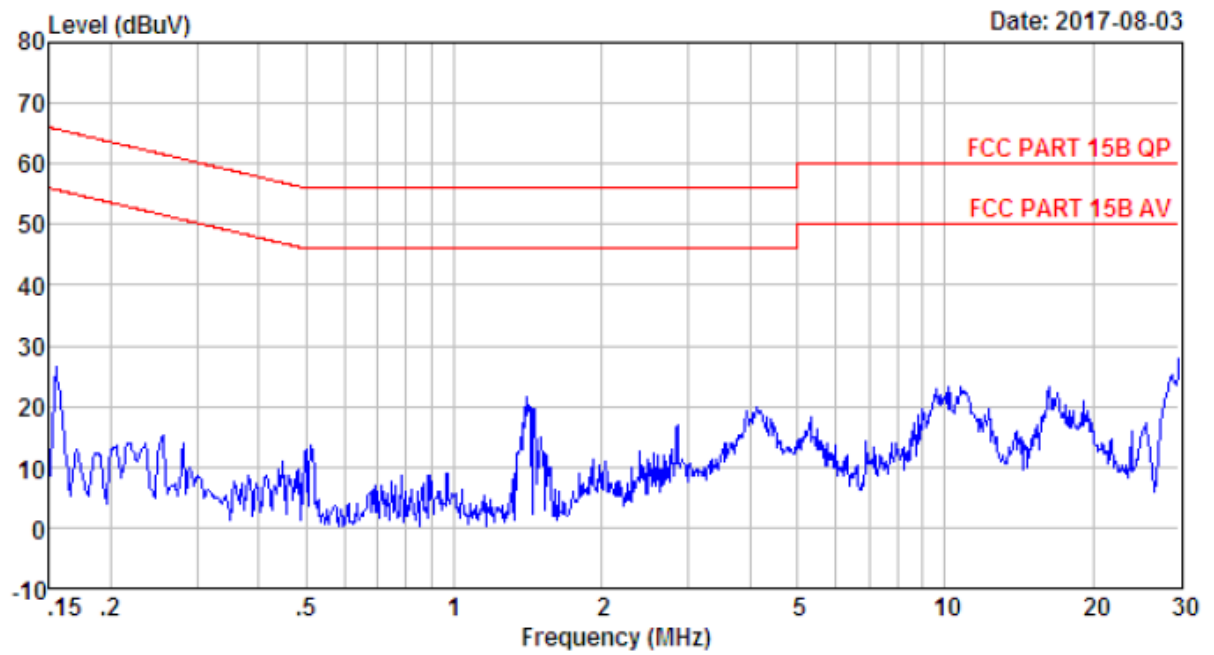




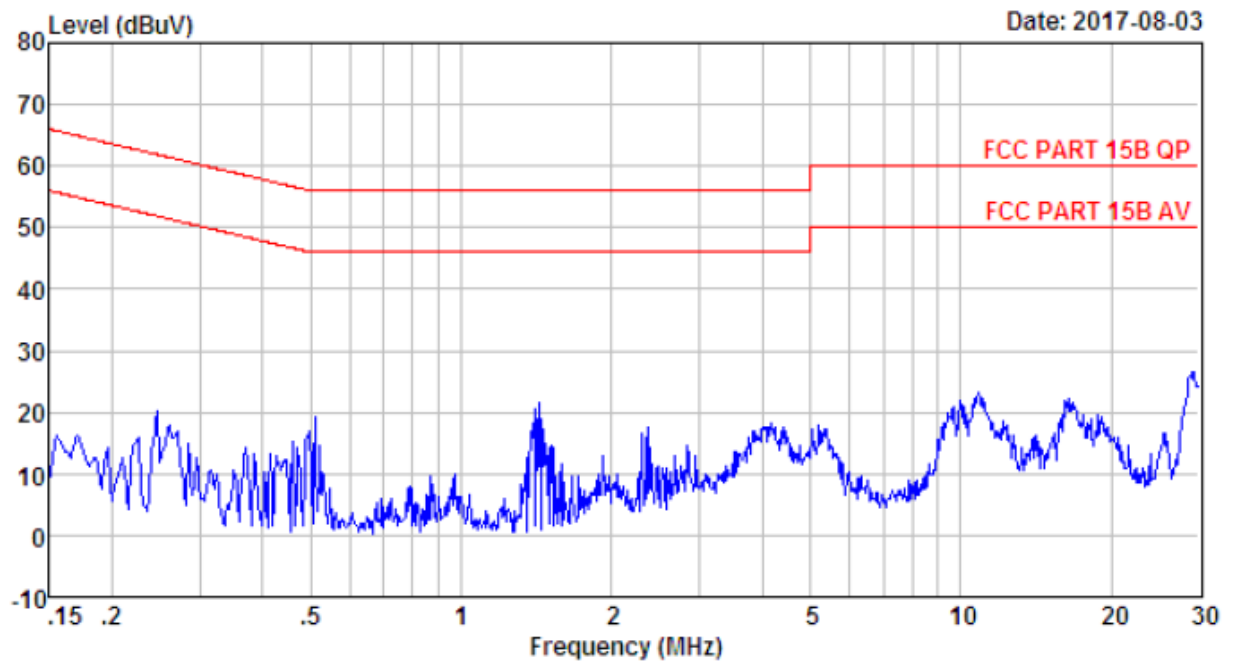
Site no : 2# Contuction Shield Room Data no. : 49  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Half Load(Output:12V/2.75A)  
 Construction 2



Site no : 2# Contuction Shield Room Data no. : 51  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : Half Load (Output:12V/2.75A)  
 Construction 2



Site no : 2# Contuction Shield Room Data no. : 53  
Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPaINE Phase : NEUTRAL  
Limit : FCC PART 15B QP  
Engineer : Maybe  
EUT : AC Adaptor  
Power : AC 240V/50Hz  
M/N : KPL066F-KV  
Test Mode : No Load  
Construction 2



Site no : 2# Contuction Shield Room Data no. : 55  
 Env. / Ins. : Temp:24.9'C Humi:51.6% Press:101.50kPa INE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 240V/50Hz  
 M/N : KPL066F-KV  
 Test Mode : No Load  
 Construction 2

### 3.2. Radiated Emission Test

<b>RESULT</b>	<b>: Pass</b>
Test Procedure	: ANSI C63.4-2014 amended as per ANSI C63.4a-2017
Frequency Range	: 30 to 1000 MHz
Test Site	: 966 Chamber
Limits	: FCC Part 15:2020 Class B / ICES-003:2020 Class B

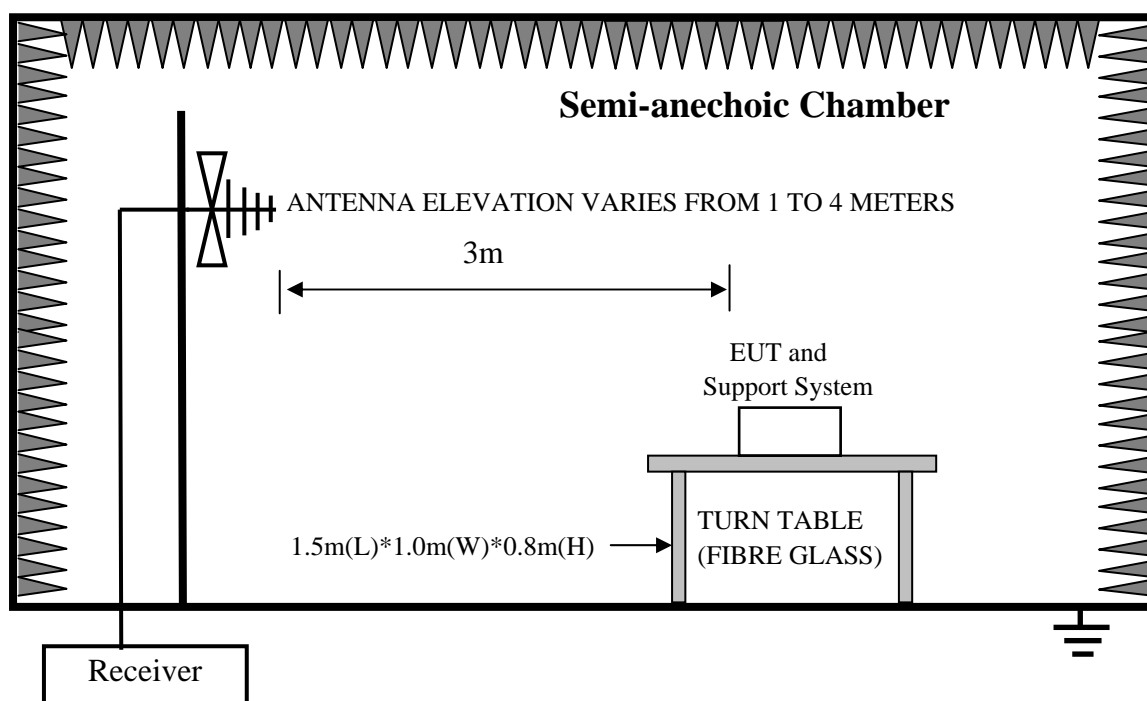
#### Test Setup

Date of Test	: Aug. 01, 2017
M/N	: KFL065U-KV, KFL066F-KV
Input Voltage	: AC 120V/60Hz, AC 240V/50Hz
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 away 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.

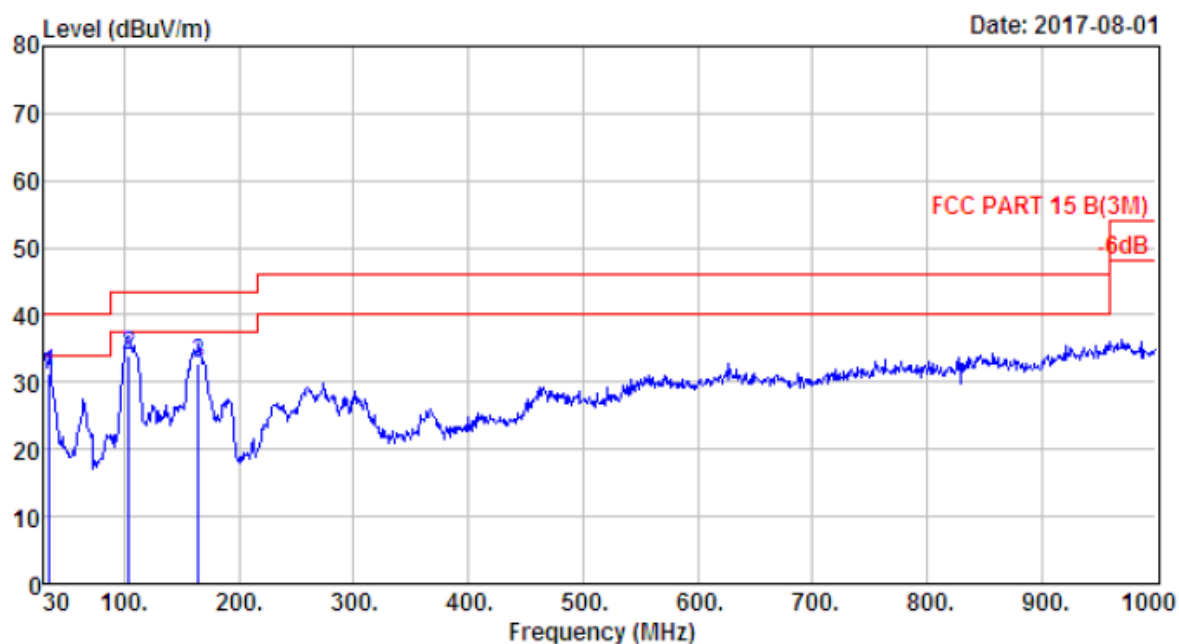
The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.

The bandwidth setting on the test receiver was 120 kHz.



**Note: Measurement Uncertainty:  $\pm 3.62$  dB at a level of confidence of 95%.**

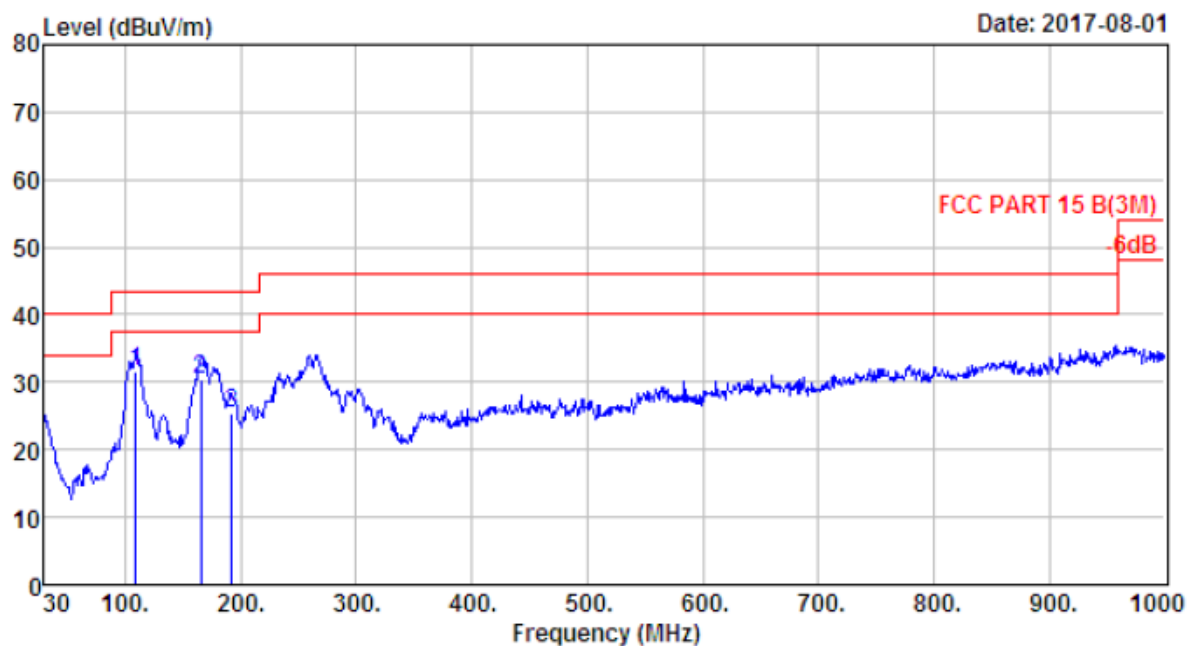
## Test Data



Site no.	: 2# 966 chamber	Data no.	: 897
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL066F-KV		
Test Mode	: Full Load(Output;12V/5.5A)		
	Construction 1		

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.850	15.52	1.12	14.67	31.31	40.00	8.69	QP
2	103.720	9.94	1.59	22.47	34.00	43.50	9.50	QP
3	164.830	9.77	2.05	21.01	32.83	43.50	10.67	QP

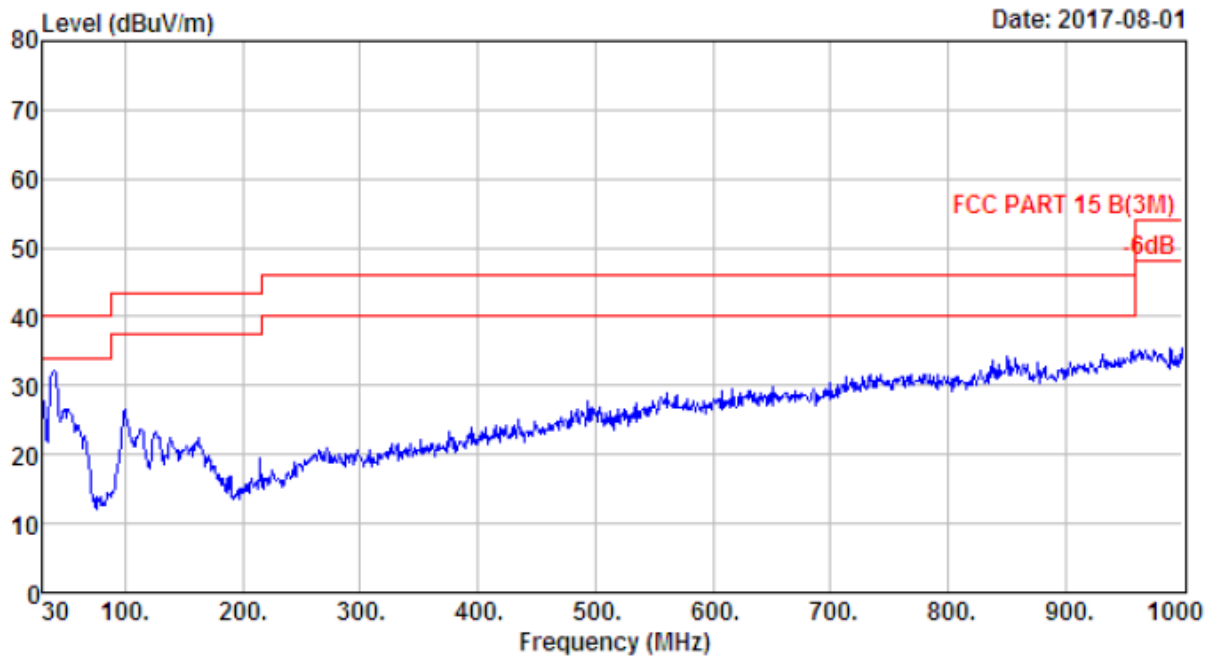




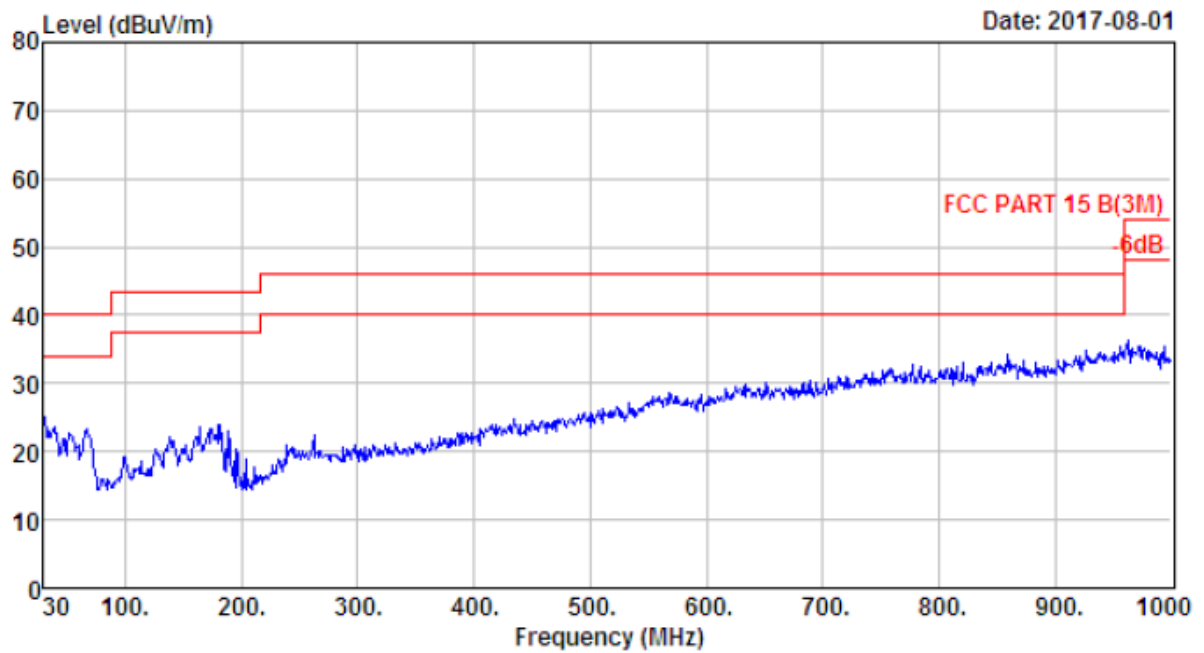
Site no. : 2# 966 chamber  
 Dis. / Ant. : 3m 37062  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output;12V/5.5A)  
 Construction 1

Data no. : 896  
Ant. pol. : HORIZONTAL

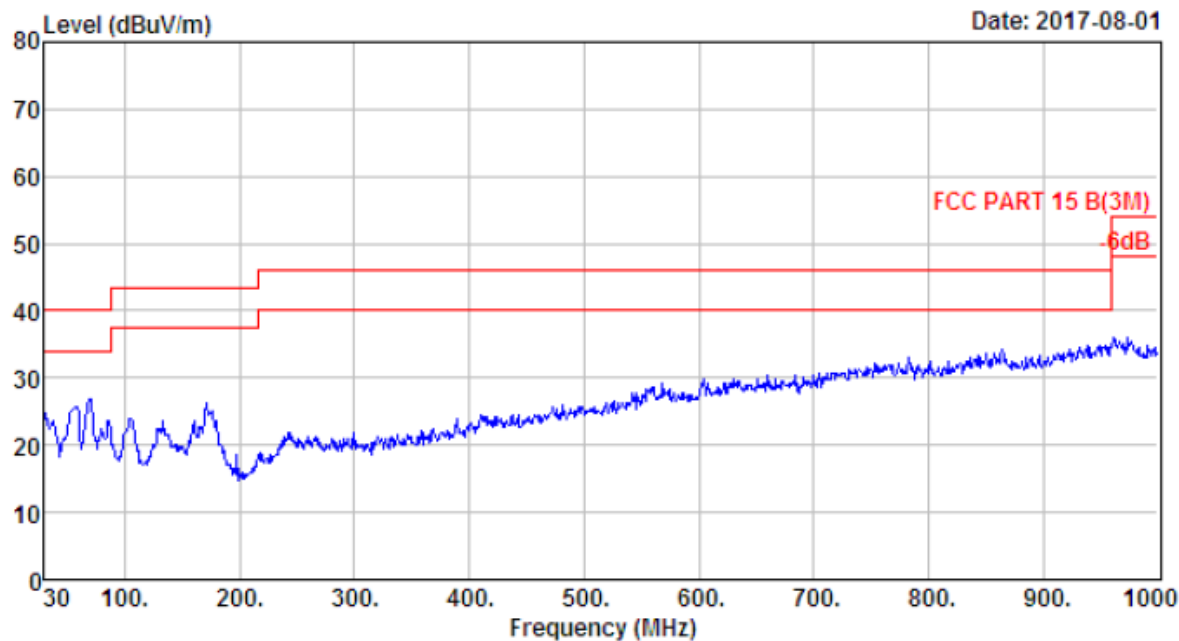
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	109.540	10.41	1.44	19.71	31.56	43.50	11.94	QP
2	165.800	9.67	1.98	18.87	30.52	43.50	12.98	QP
3	191.990	7.91	1.78	15.71	25.40	43.50	18.10	QP



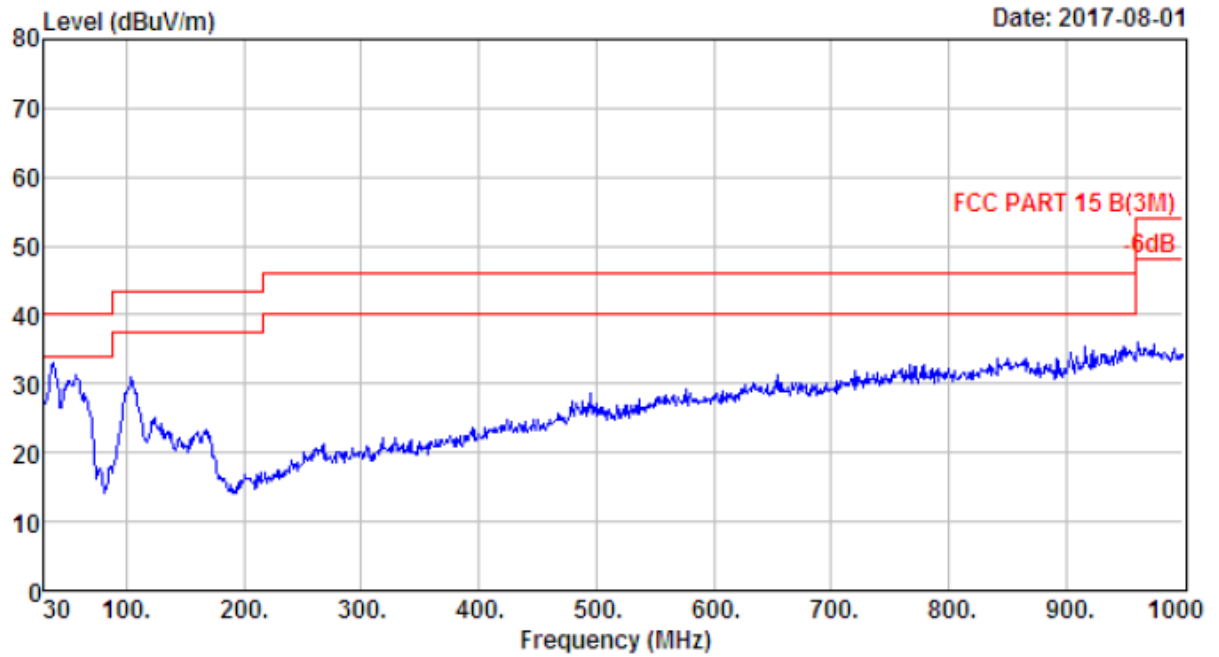
Site no.	: 2# 966 chamber	Data no.	: 886
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output:56V/1.16A)		
	Construction 2		



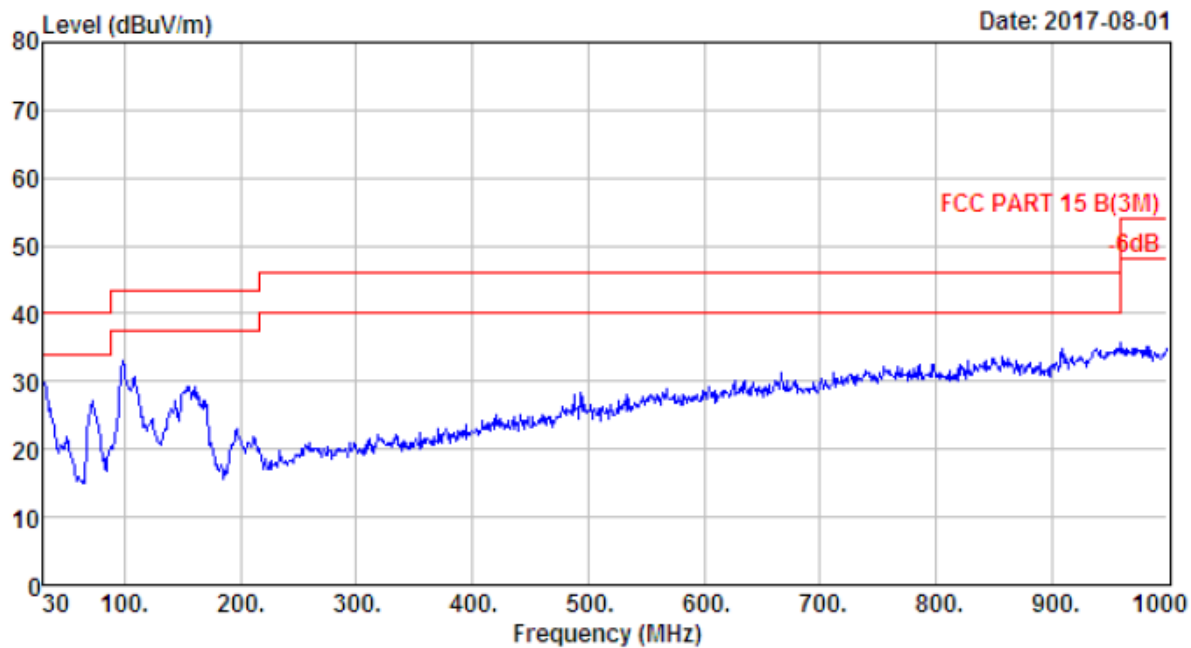
Site no.	: 2# 966 chamber	Data no.	: 887
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output;56V/1.16A)		
	Construction 2		



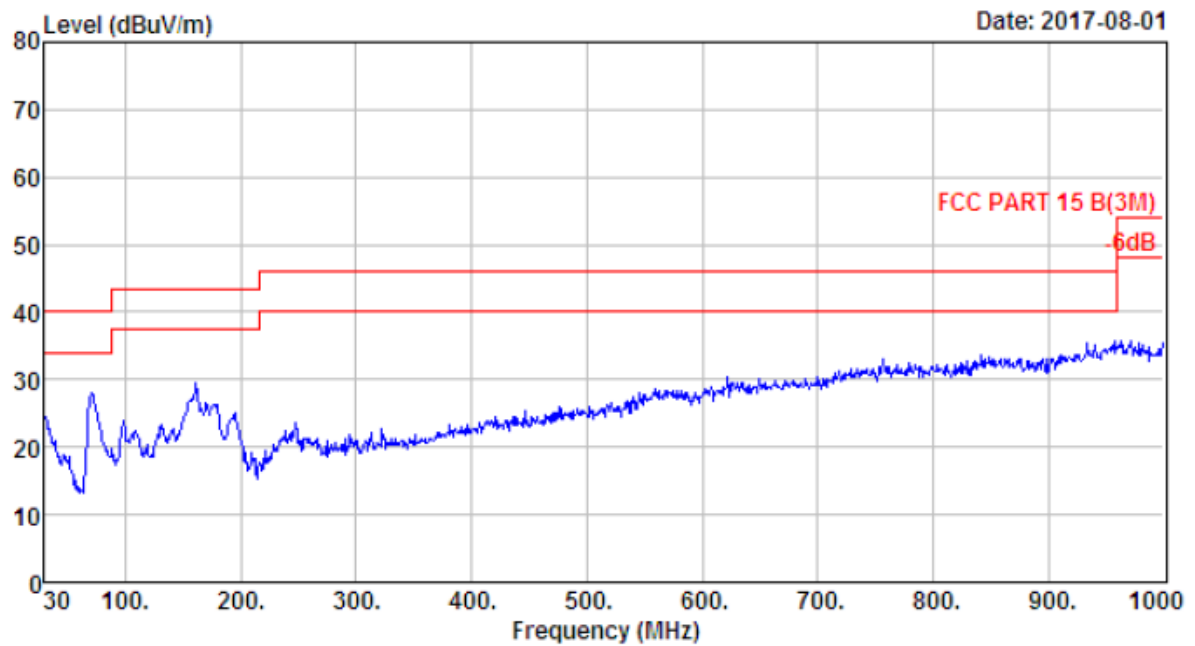
Site no.	: 2# 966 chamber	Data no.	: 888
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output:56V/1.16A)		
	Construction 2		



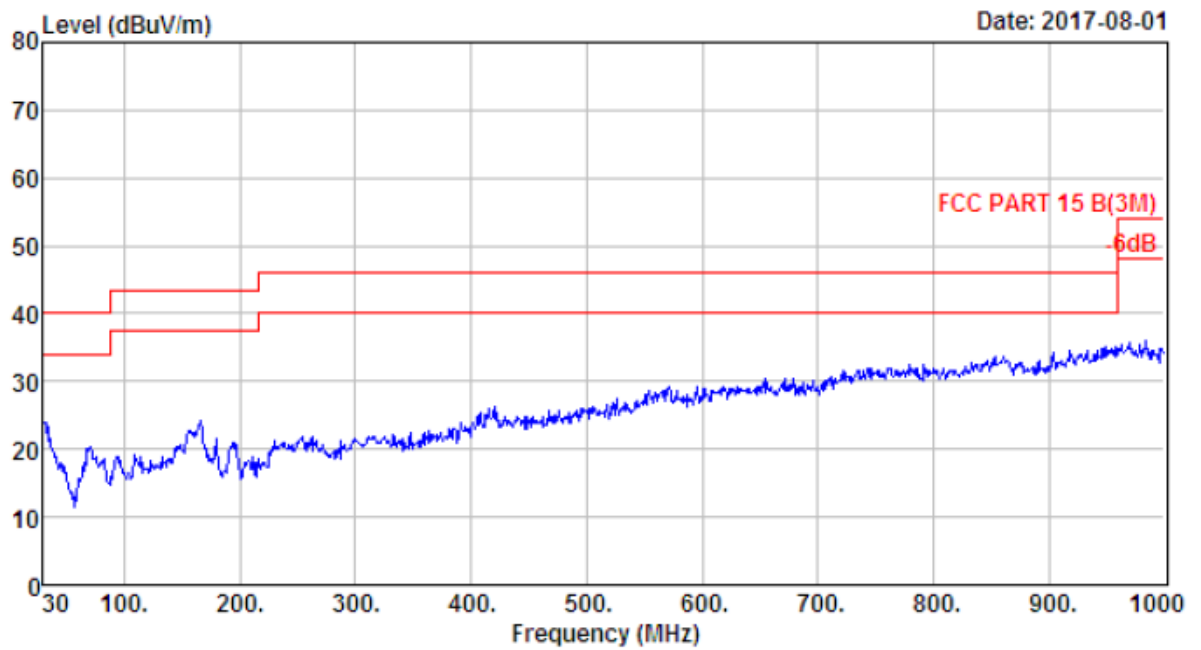
Site no.	: 2# 966 chamber	Data no.	: 889
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output;56V/1.16A)		
	Construction 2		



Site no.	: 2# 966 chamber	Data no.	: 890
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output:56V/1.16A)		
	Construction 1		

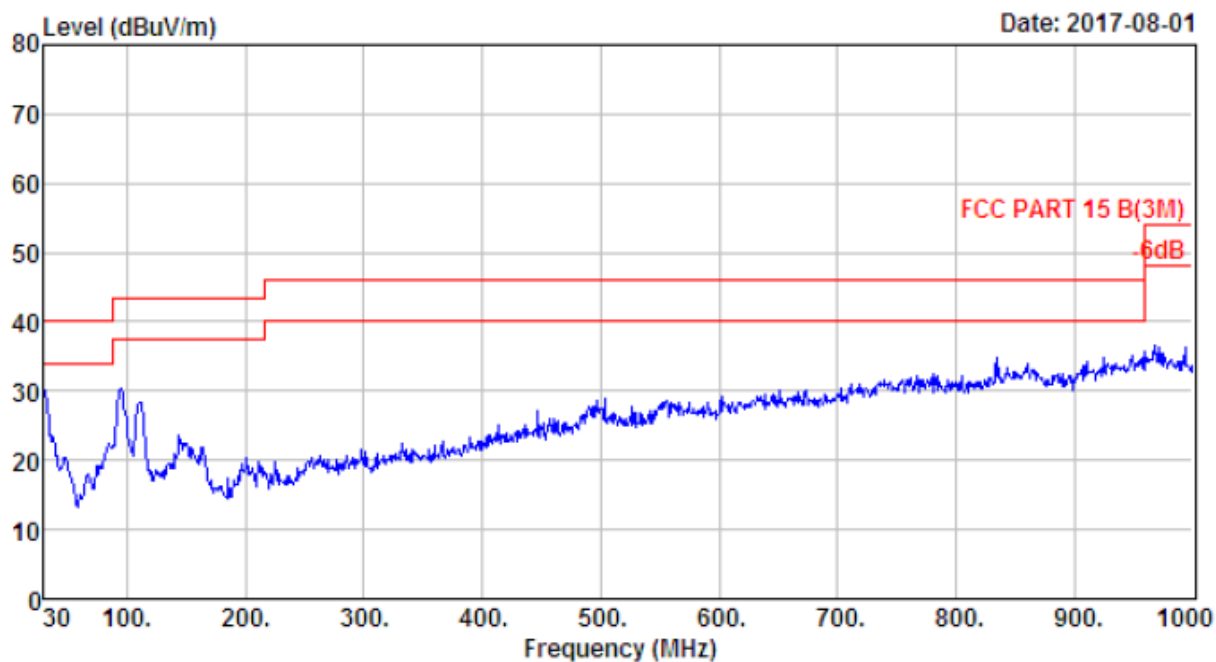


Site no.	: 2# 966 chamber	Data no.	: 891
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output;56V/1.16A)		
	Construction 1		

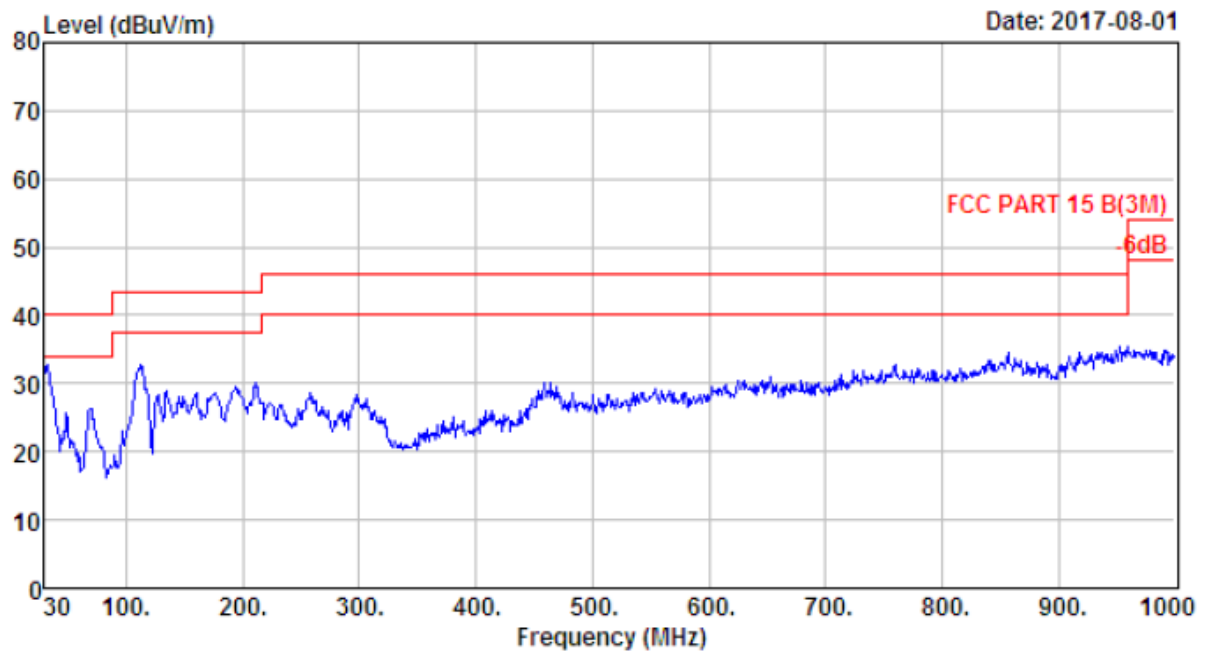


Site no.	: 2# 966 chamber	Data no.	: 892
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output;56V/1.16A)		
	Construction 1		

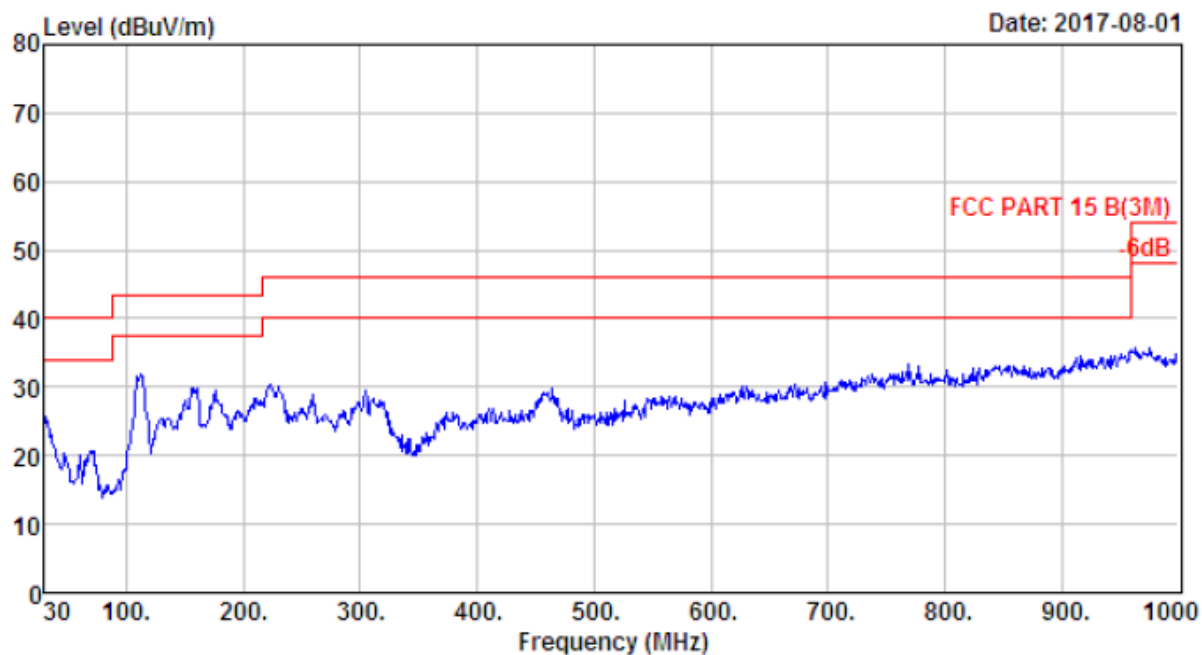




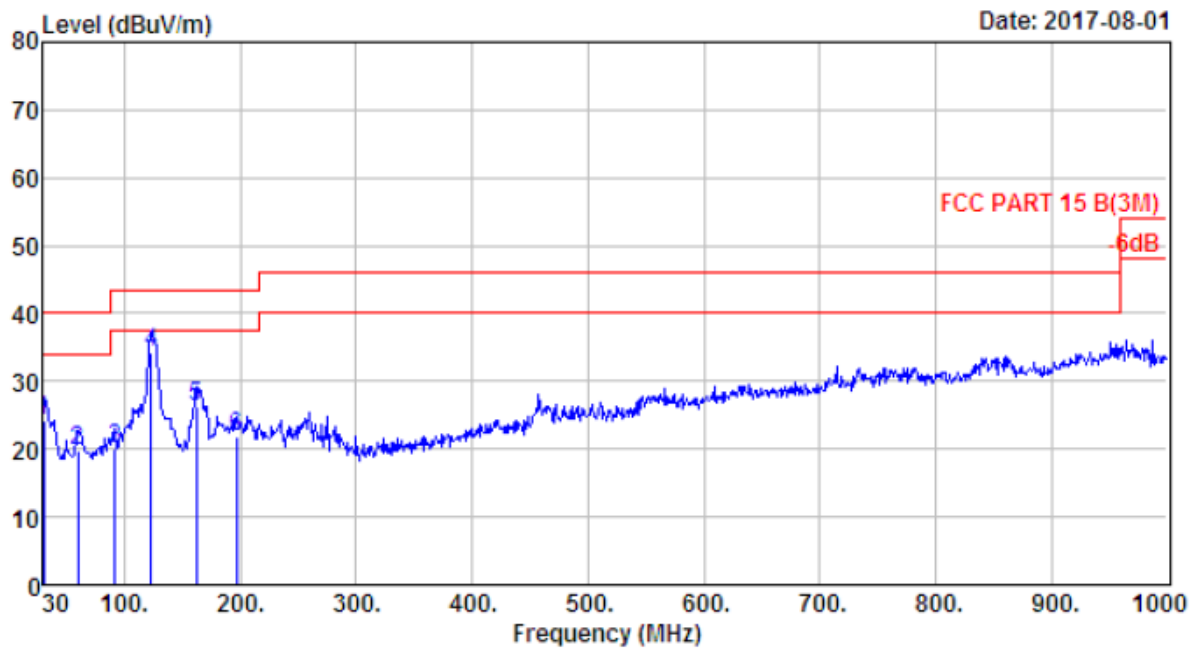
Site no.	: 2# 966 chamber	Data no.	: 893
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL065U-KV		
Test Mode	: Full Load(Output;56V/1.16A)		
	Construction 1		



Site no.	: site	Data no.	: 894
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL066F-KV		
Test Mode	: Full Load(Output:12V/5.5A)		
	Construction 1		

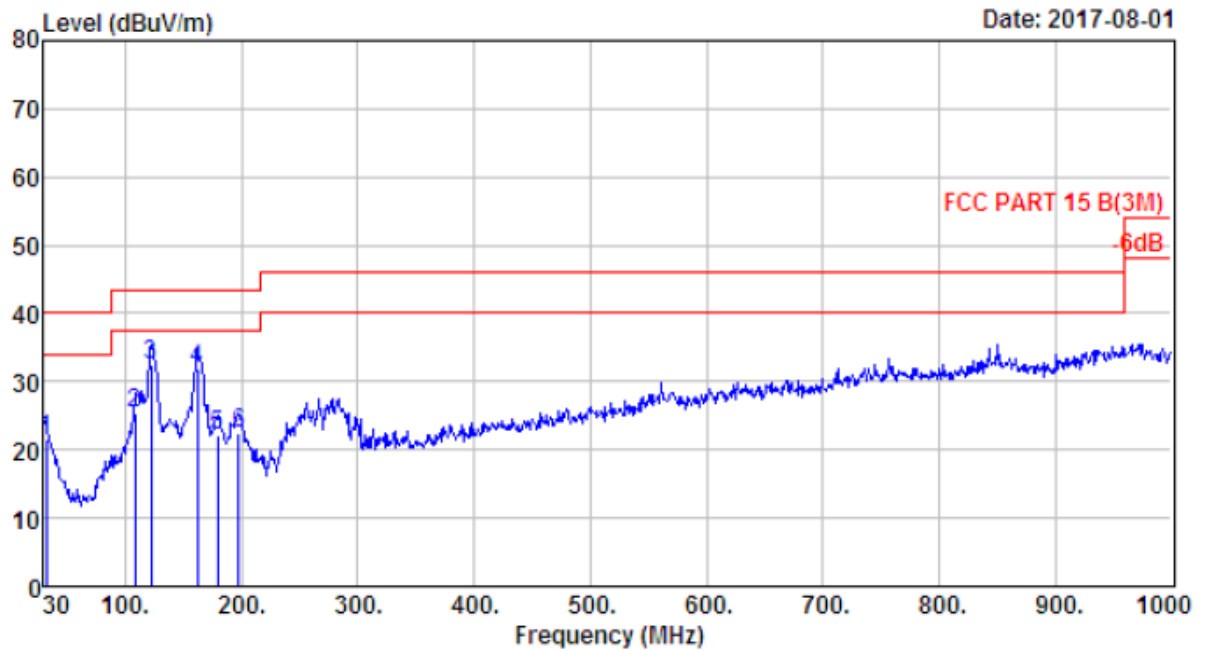


Site no.	: 2# 966 chamber	Data no.	: 895
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL066F-KV		
Test Mode	: Full Load(Output;12V/5.5A)		
	Construction 1		



Site no. : 2# 966 chamber                      Data no. : 898  
 Dis. / Ant. : 3m 37062                      Ant. pol. : VERTICAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output:12V/5.5A)  
                  Construction 2

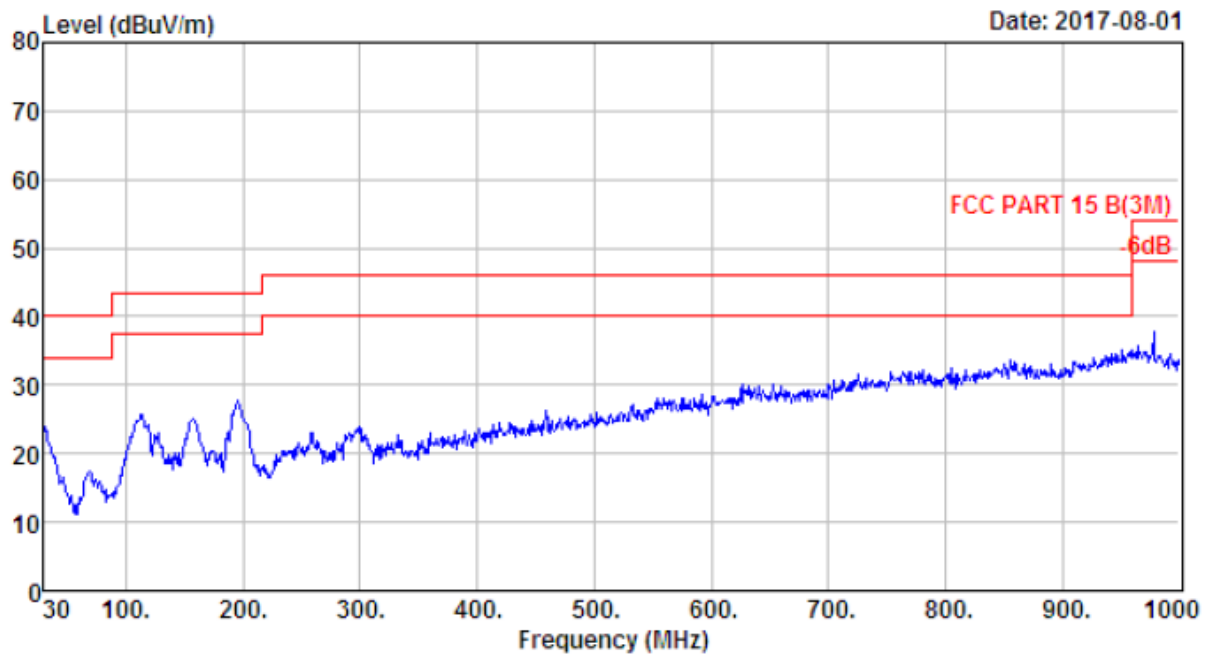
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.000	18.09	1.04	5.00	24.13	40.00	15.87	QP
2	60.070	4.59	0.91	14.36	19.86	40.00	20.14	QP
3	92.080	8.71	1.64	9.72	20.07	43.50	23.43	QP
4	123.120	11.19	1.37	21.68	34.24	43.50	9.26	QP
5	161.920	10.08	1.83	14.27	26.18	43.50	17.32	QP
6	196.840	7.76	1.73	12.27	21.76	43.50	21.74	QP



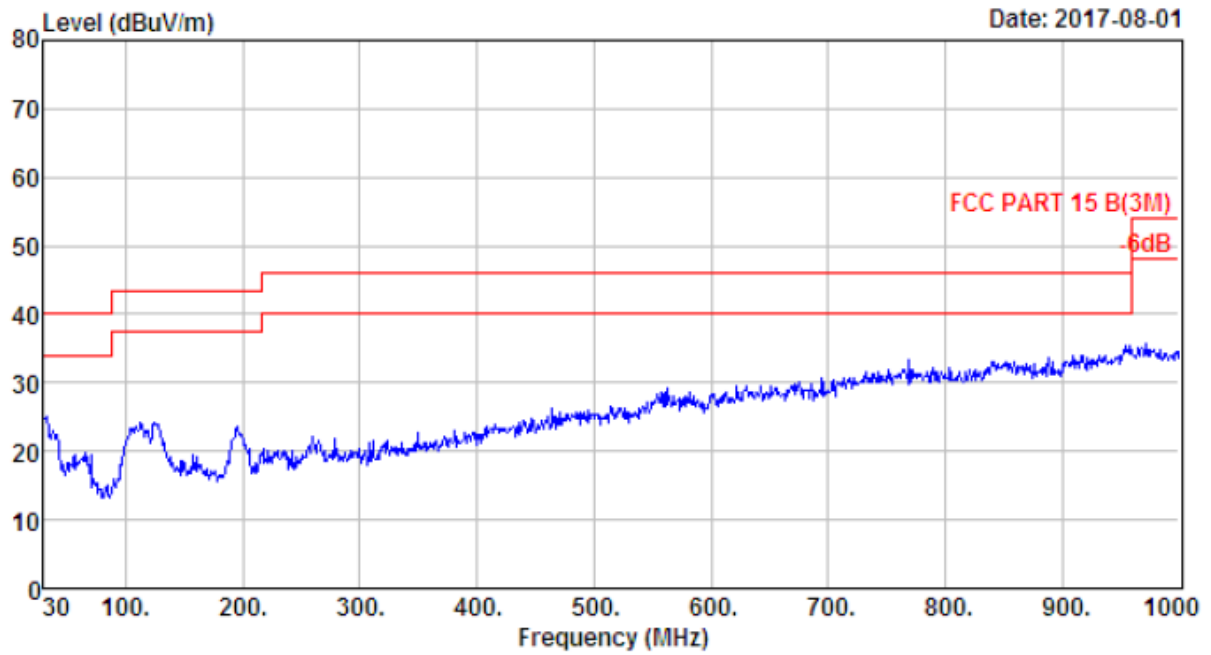
Site no. : 2# 966 chamber  
 Dis. / Ant. : 3m 37062  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Maybe  
 EUT : AC Adaptor  
 Power : AC 120V/60Hz  
 M/N : KPL066F-KV  
 Test Mode : Full Load(Output;12V/5.5A)  
 Construction 2

Data no. : 899  
Ant. pol. : HORIZONTAL

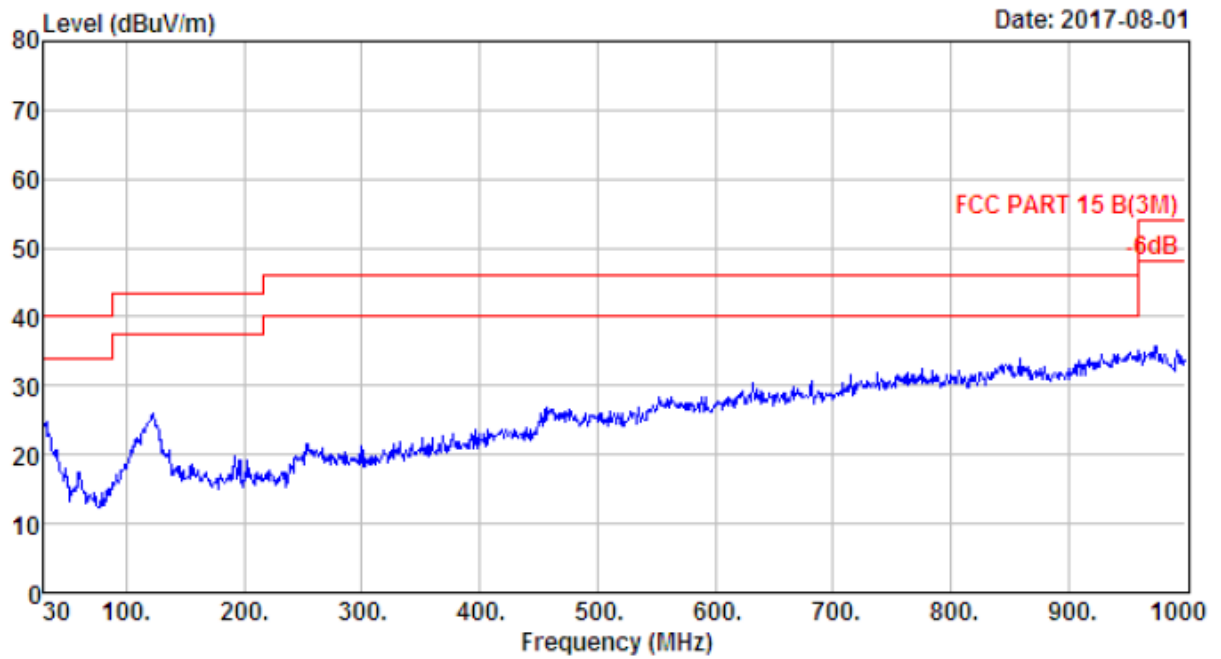
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.940	17.52	0.95	3.17	21.64	40.00	18.36	QP
2	108.570	10.33	1.56	13.37	25.26	43.50	18.24	QP
3	122.150	11.17	1.37	19.85	32.39	43.50	11.11	QP
4	161.920	10.08	1.83	20.04	31.95	43.50	11.55	QP
5	179.380	9.02	2.01	11.15	22.18	43.50	21.32	QP
6	197.810	7.74	1.80	12.85	22.39	43.50	21.11	QP



Site no.	: 2# 966 chamber	Data no.	: 900
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL066F-KV		
Test Mode	: Full Load(Output;12V/5.5A)		
	Construction 2		

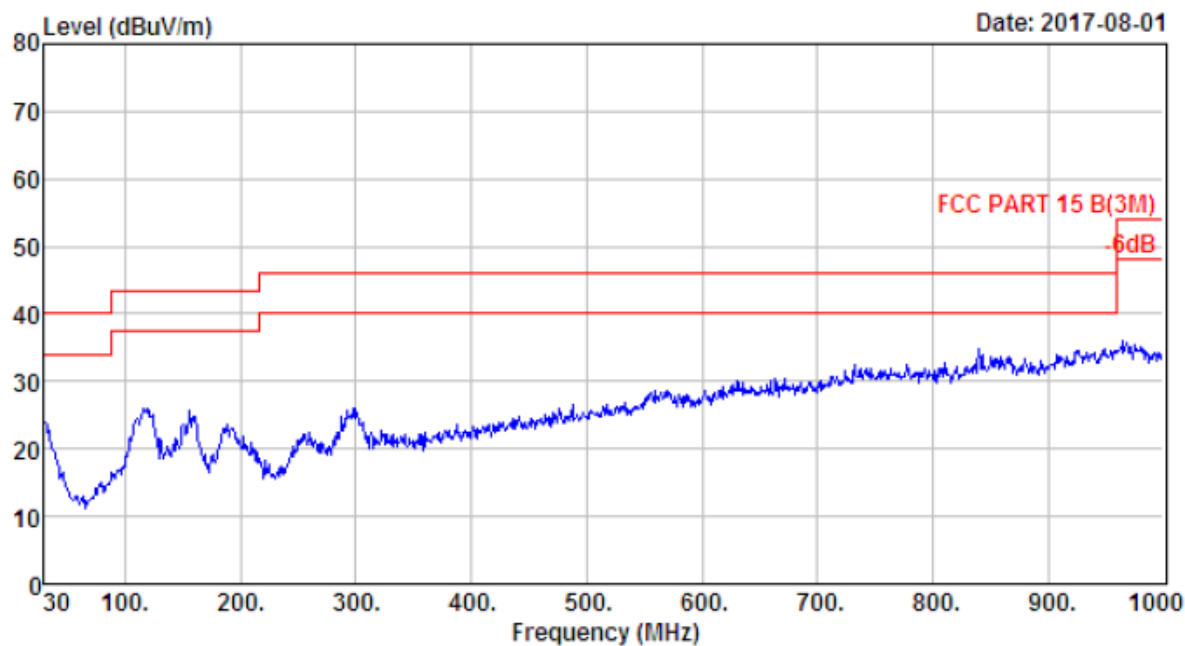


Site no.	: 2# 966 chamber	Data no.	: 901
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 240V/50Hz		
M/N	: KPL066F-KV		
Test Mode	: Full Load(Output:12V/5.5A)		
	Construction 2		

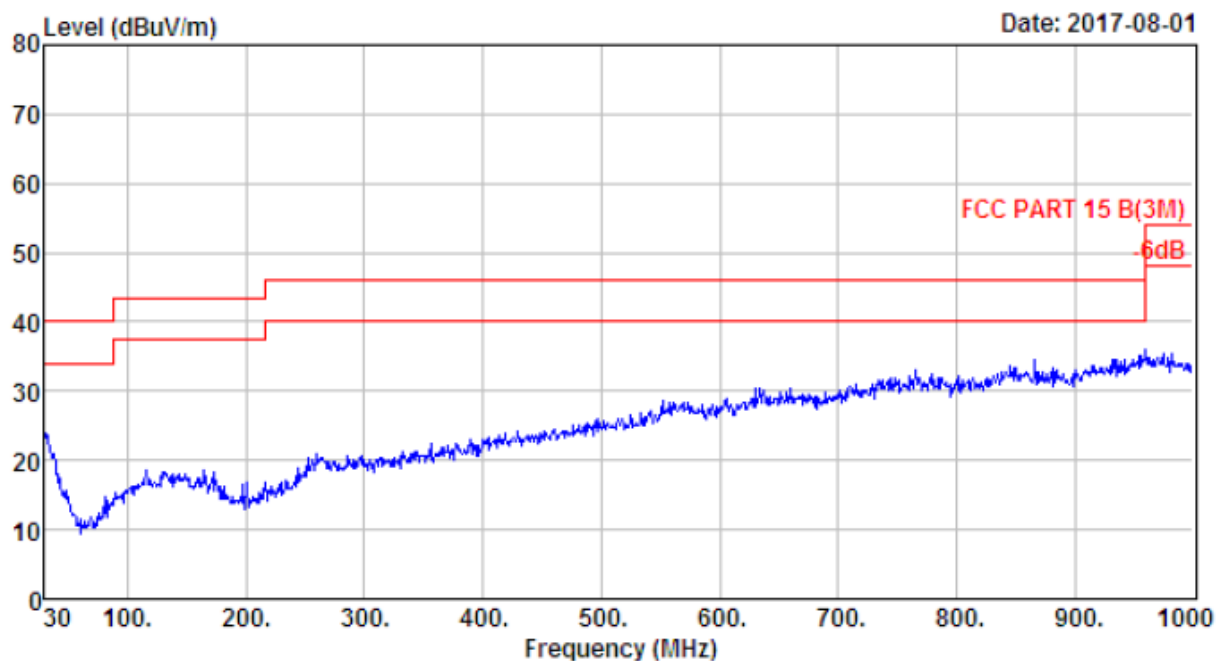


Site no.	: 2# 966 chamber	Data no.	: 902
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL066F-KV		
Test Mode	: Half Load(Output;12V/2.75A)		
	Construction 2		

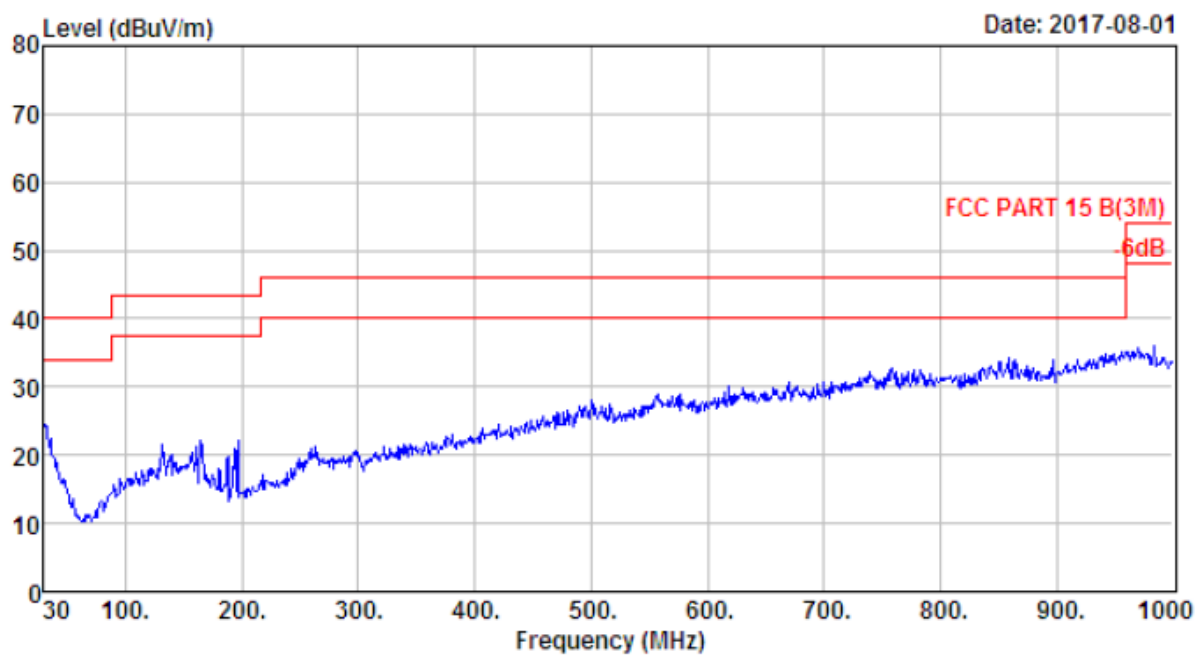




Site no.	: 2# 966 chamber	Data no.	: 903
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL066F-KV		
Test Mode	: Half Load(Output:12V/2.75A)		
	Construction 2		



Site no.	: 2# 966 chamber	Data no.	: 904
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL066F-KV		
Test Mode	: No Load		
	Construction 2		



Site no.	: 2# 966 chamber	Data no.	: 905
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:23.6';Humi:56%;Press:101.52kPa		
Engineer	: Maybe		
EUT	: AC Adaptor		
Power	: AC 120V/60Hz		
M/N	: KPL066F-KV		
Test Mode	: No Load		
	Construction 2		

#### 4. PHOTOGRAPHS OF THE EUT

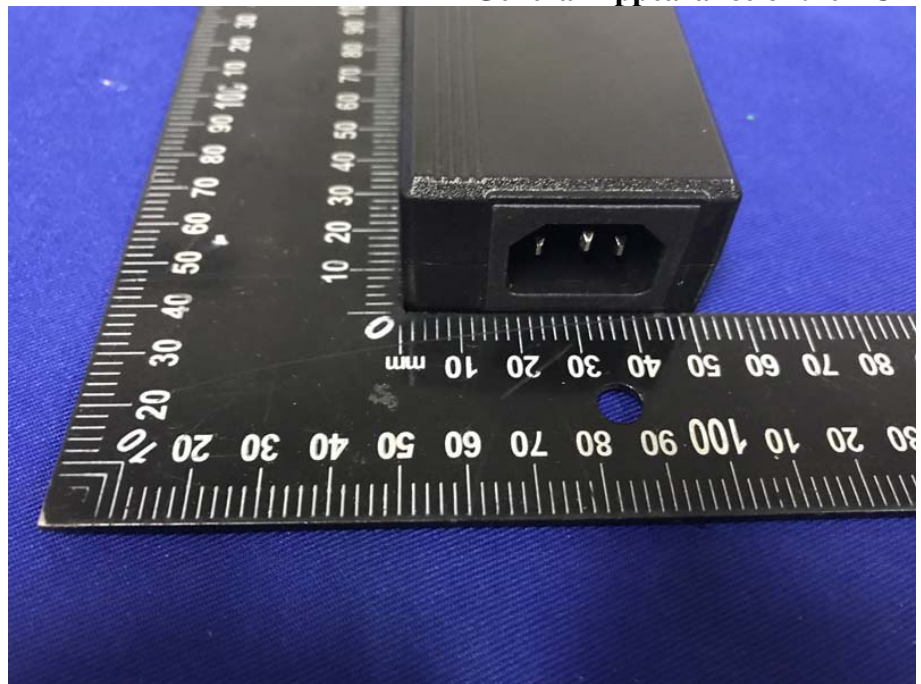
**Figure 1**  
**General Appearance of the EUT**



**Figure 2**  
**General Appearance of the EUT**



**Figure 3**  
**General Appearance of the EUT**



**Figure 4**  
**General Appearance of the EUT**

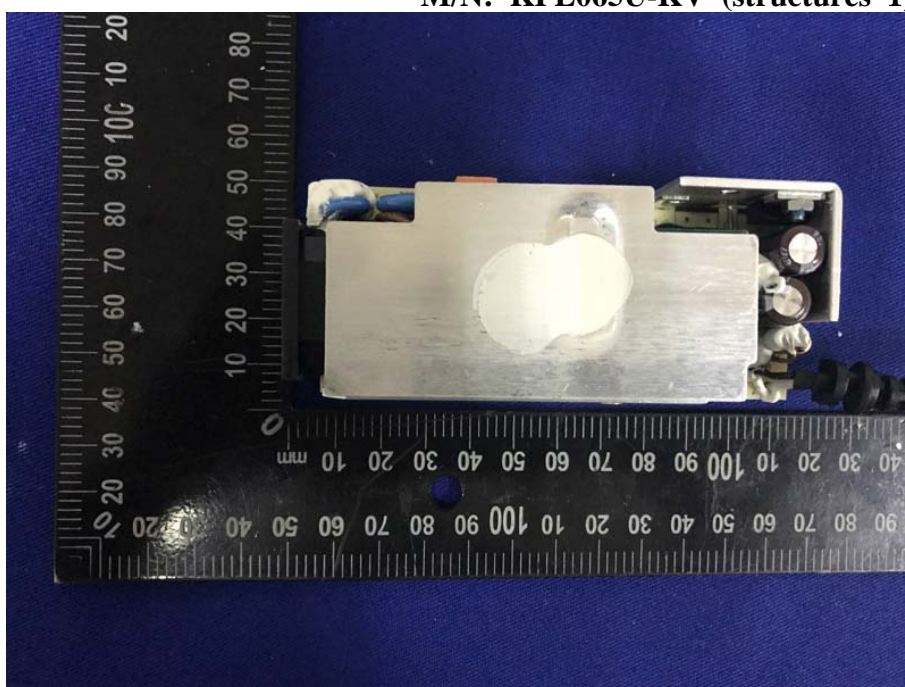




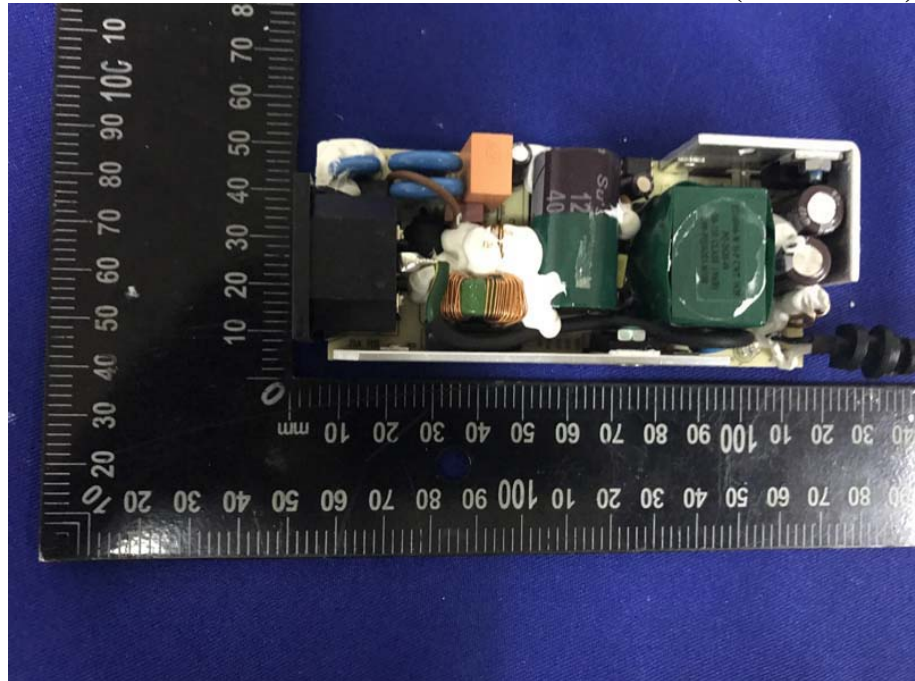
**Figure 5**  
**General Appearance of the EUT**



**Figure 6**  
**General Appearance of the EUT**  
**M/N: KPL065U-KV (structures 1)**



**Figure 7**  
**General Appearance of the EUT**  
**M/N: KPL065U-KV (structures 1)**

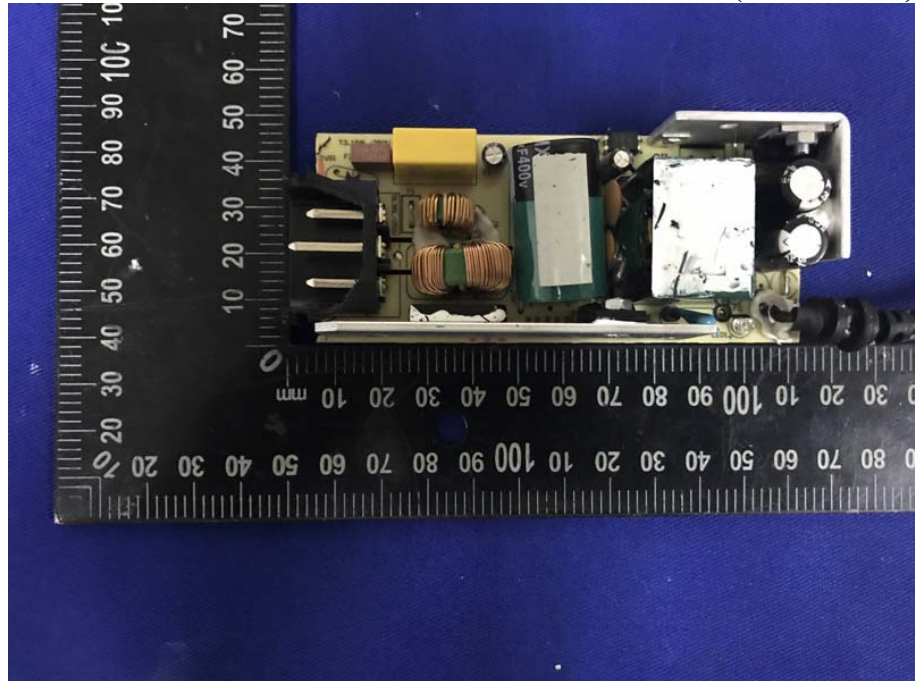


**Figure 8**  
**General Appearance of the EUT**  
**M/N: KPL065U-KV (structures 1)**

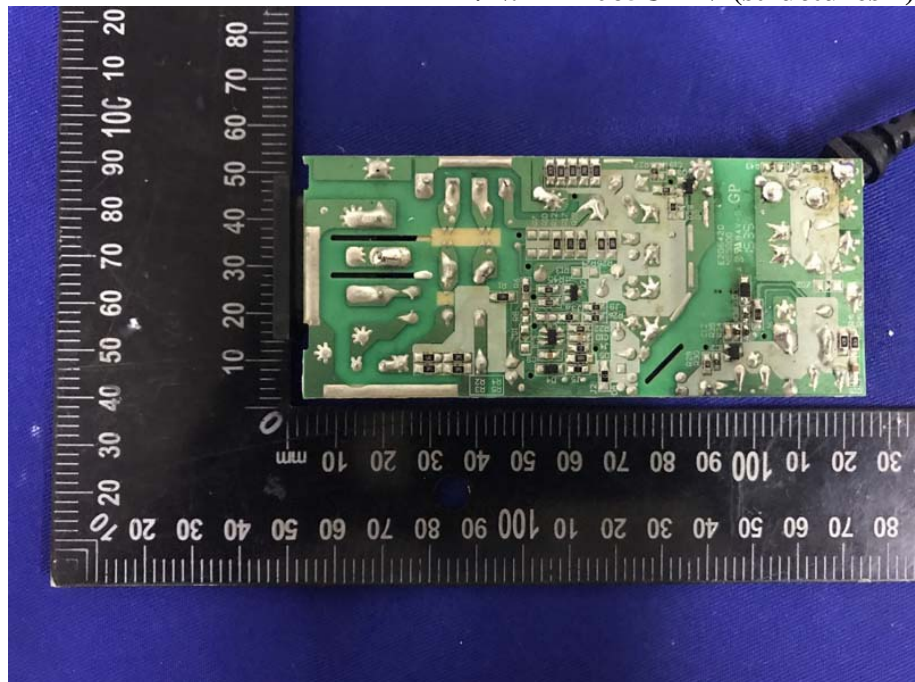




**Figure 9**  
**General Appearance of the EUT**  
**M/N: KPL065U-KV (structures 2)**

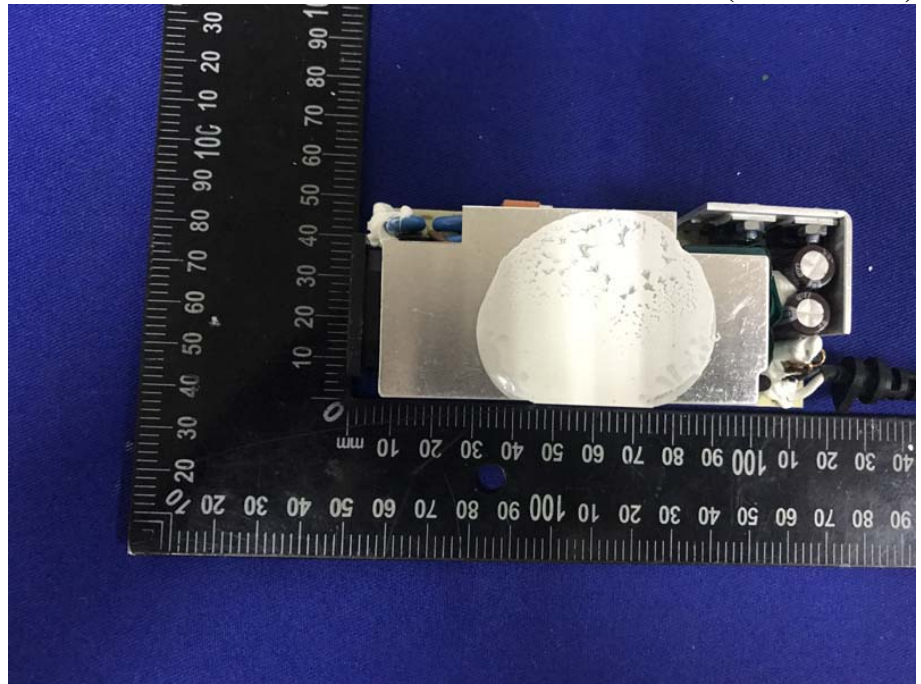


**Figure 10**  
**General Appearance of the EUT**  
**M/N: KPL065U-KV (structures 2)**





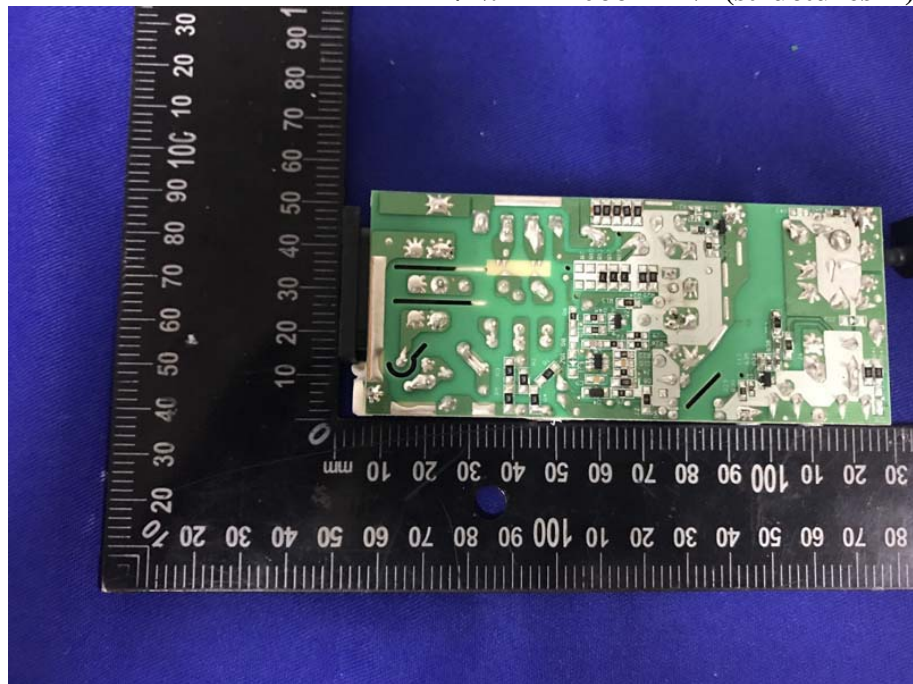
**Figure 11**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 1)**



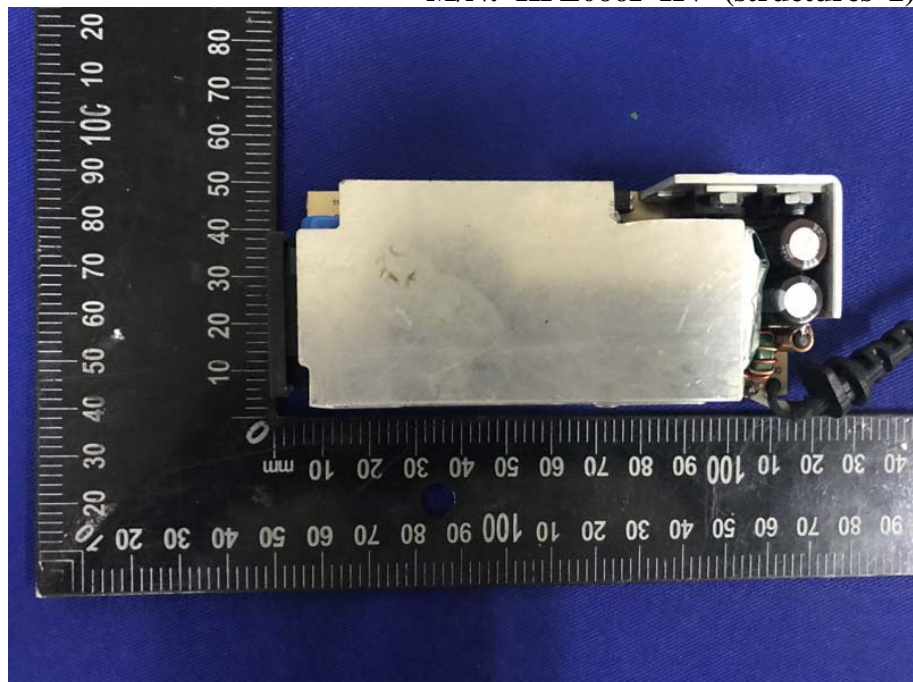
**Figure 12**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 1)**



**Figure 13**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 1)**

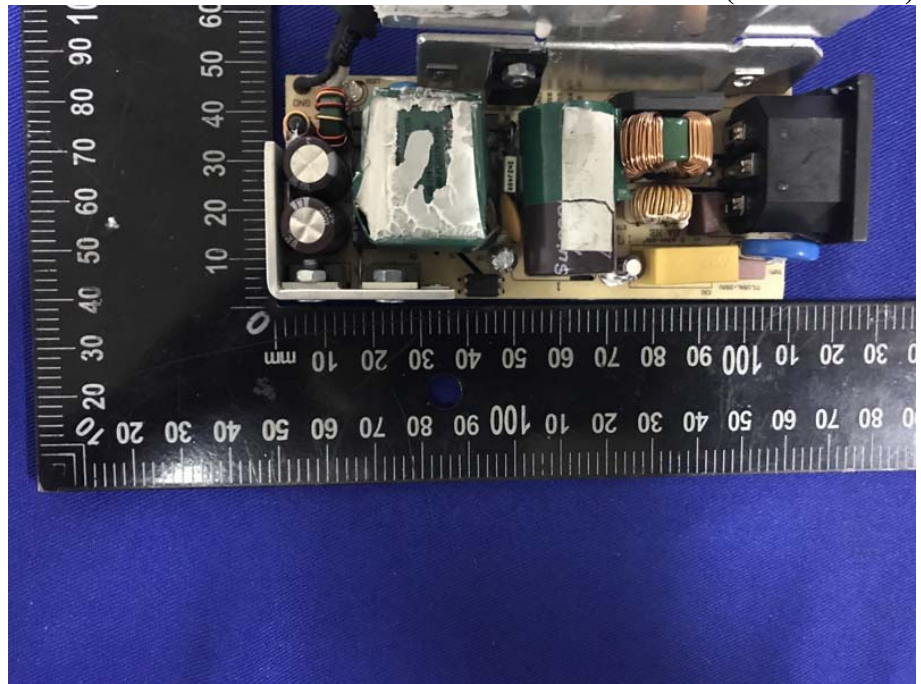


**Figure 14**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 2)**

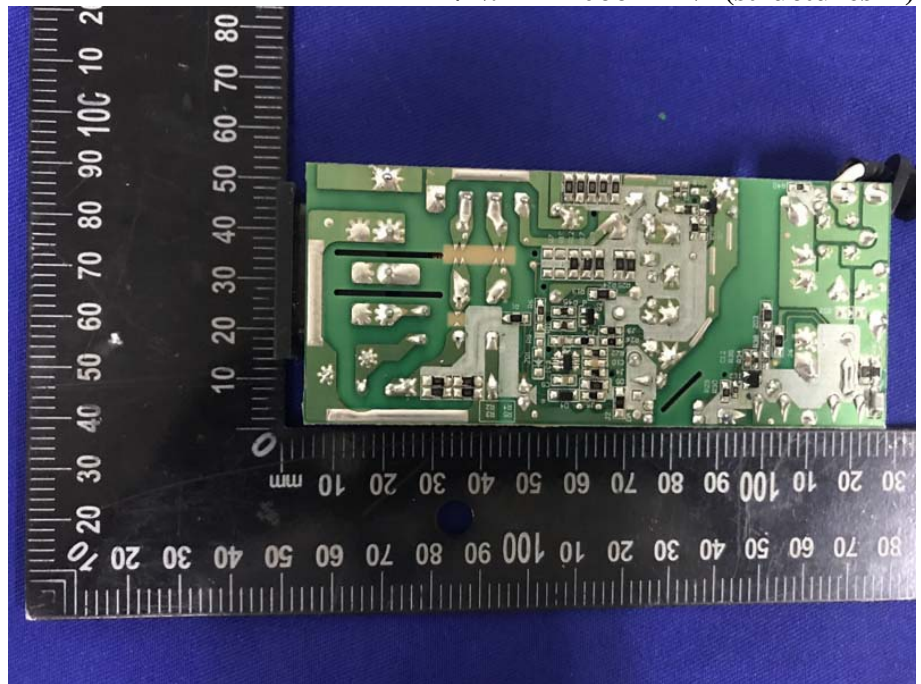




**Figure 15**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 2)**



**Figure 16**  
**Inside View of the EUT**  
**M/N: KPL066F-KV (structures 2)**



**End of Test Report**