

TEST REPORT

Applicant	Changzhou Jutai Electronic Co., Ltd
Address	No.8 Longfa Road, Xinbei District, Changzhou 213031, Jiangsu, China
Manufacturer or Supplier	Changzhou Jutai Electronic Co., Ltd
Address	No.8 Longfa Road, Xinbei District, Changzhou 213031, Jiangsu, China

Product	Seasonal-Use LED Driver, CLASS 2 POWER SUPPLY	
Brand Name	CZJUTAI	
Model	JT-DC060V1000-C, JT-DC300V0240-C	
Additional Design No. & Model Difference	JT-DC followed by 030 to 300; followed by V; followed by 0120 to 1200; followed by -C. (030 to 300 indicates rated output voltage rang 3Vdc to 30Vdc in step of 0.1V, e.g. 030=3Vdc, 300=30Vdc; 0120 to 1200 indicates rated output current range 120mA to 1200mA in step of 10mA e.g. 0120=120mA,1200=1200mA). All the models have the same PCB layout and circuit diagram and enclosure except model name, output rating, transformer secondary winding turns and some uncritical component for different output rating.	
Date of tests	February 19-25, 2020	

The submitted sample of the above equipment has been tested according to the following standards:

☒ ICES-005 Lighting Equipment ISSUE 5:2018 Class B

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Reviewed by CoCo Liang Engineer / EMC Department	Approved by Joan Li Manager / LiTest
 Date: May 17, 2023	 Date: May 17, 2023

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us.

Models List:

Model	Input			Output	
	V ac	Hz	A	V dc	A
JT-DC030V0300-C	120	60	0.20	3	0.3
JT-DC030V0500-C	120	60	0.20	3	0.5
JT-DC030V0600-C	120	60	0.20	3	0.6
JT-DC030V1000-C	120	60	0.20	3	1
JT-DC035V0200-C	120	60	0.20	3.5	0.2
JT-DC035V0300-C	120	60	0.20	3.5	0.3
JT-DC035V0450-C	120	60	0.20	3.5	0.45
JT-DC035V0800-C	120	60	0.20	3.5	0.8
JT-DC035V1000-C	120	60	0.20	3.5	1
JT-DC045V0200-C	120	60	0.20	4.5	0.2
JT-DC045V0300-C	120	60	0.20	4.5	0.3
JT-DC045V0600-C	120	60	0.20	4.5	0.6
JT-DC045V0800-C	120	60	0.20	4.5	0.8
JT-DC045V1000-C	120	60	0.20	4.5	1
JT-DC045V1200-C	120	60	0.20	4.5	1.2
JT-DC050V0500-C	120	60	0.20	5	0.5
JT-DC050V1000-C	120	60	0.20	5	1
JT-DC060V0300-C	120	60	0.20	6	0.3
JT-DC060V0500-C	120	60	0.20	6	0.5
JT-DC060V0600-C	120	60	0.20	6	0.6
JT-DC059V1000-C	120	60	0.20	5.9	1
JT-DC060V1000-C	120	60	0.20	6	1
JT-DC120V0300-C	120	60	0.20	12	0.3
JT-DC120V0500-C	120	60	0.20	12	0.5
JT-DC150V0300-C	120	60	0.20	15	0.3
JT-DC150V0400-C	120	60	0.20	15	0.4
JT-DC240V0150-C	120	60	0.20	24	0.15
JT-DC240V0250-C	120	60	0.20	24	0.25
JT-DC240V0300-C	120	60	0.20	24	0.3
JT-DC290V0120-C	120	60	0.20	29	0.12
JT-DC290V0200-C	120	60	0.20	29	0.2
JT-DC290V0240-C	120	60	0.20	29	0.24
JT-DC300V0120-C	120	60	0.20	30	0.12
JT-DC300V0200-C	120	60	0.20	30	0.2
JT-DC300V0240-C	120	60	0.20	30	0.24

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
IC200217N01	Original release	February 25, 2020
IC200217N01A	Based on the original report IC200217N01 updated the TEST LAB name from Keyway Testing Technology Co., Ltd to Keyway Testing Technology (Guangdong) Co., Ltd., but it doesn't need to be retested.	May 17, 2023

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1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: ICES-005 ISSUE5			
Standard	Test Type	Result	Remarks
ICES-005 ISSUE5:2018 Class B	Conducted Emission Test	PASS	Meets Limit Minimum passing margin is –8.08 dB at 1.00 MHz for model JT-DC060V1000-C –6.46 dB at 2.22MHz for model JT-DC300V0240-C
	Radiated Emission Test (30MHz ~ 1GHz)	PASS	Meets Limits Minimum passing margin is –14.72 dB at 40.99 MHz for model JT-DC060V1000-C –7.85 dB at 88.03 MHz for model JT-DC300V0240-C

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	150kHz ~ 30MHz	+/-2.56 dB
Radiated emissions	30MHz ~ 1GHz	+/-3.58 dB

1.2 TEST SITE

TEST LAB	Keyway Testing Technology (Guangdong) Co., Ltd.
CNAS: L5783, OUR FILE: 46405-9868, REGISTRATION No.: 9868A	

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Seasonal-Use LED Driver, CLASS 2 POWER SUPPLY
MODEL NO.	JT-DC060V1000-C, JT-DC300V0240-C
POWER SUPPLY	Input: 120Vac, 60Hz, 0.20A; Output: 6Vdc 1.00A / 30Vdc 0.24A
CABLE SUPPLIED	N/A
THE HIGHEST OPERATING FREQUENCY	Below 108MHz

NOTE:

1. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
2. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.2 DESCRIPTION OF TEST MODES

The EUT was chosen for worst emission test with Lighting.

Test Item	Description of Test Mode		
	Test Mode	Model No.	Test Condition
Conducted Emission Test	Full Load	JT-DC060V1000-C, JT-DC300V0240-C	NEUTRAL / LINE
Radiated Emission Test	Full Load	JT-DC060V1000-C, JT-DC300V0240-C	VERTICAL / HORIZONTAL

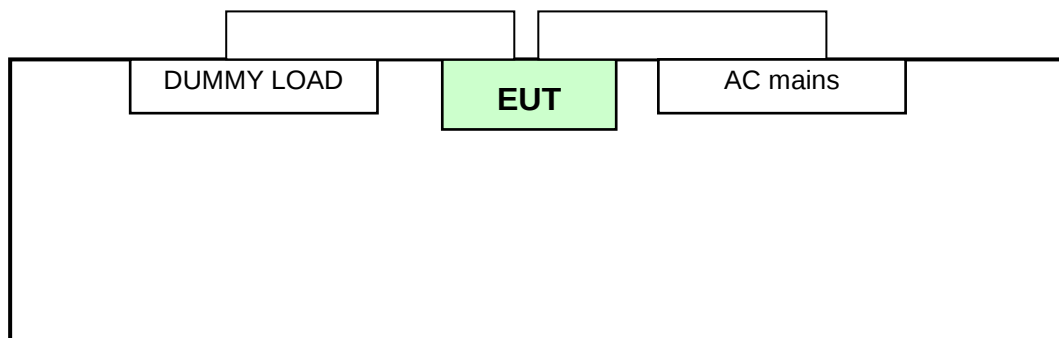
2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

2.3.1 FOR EMISSION TEST

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	-	--	--	--	N/A

TEST CONFIGURATION



3 EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

TEST STANDARD: ICES-005 ISSUE 5 (Section: 4.5.1)

The limits for mains terminal disturbance voltage applicable to GDLE are presented in Table 1.

Table 1: Conducted Emissions Limits For GDLE (AC Mains Terminals)

FREQUENCY (MHz)	CLASS A GDLE (DBMV, QUASI-PEAK)	CLASS B GDLE (DBMV, QUASI-PEAK)
0.45-1.6	60	48
1.6-2.516	70	48
2.51-3	70	70
3-30	70	48
Note 1: The more stringent limit applies at transition frequencies. Note 2: No limit apply within the ISM frequency bands listed in Table A .		

The limits for the mains terminal disturbance voltage applicable to lighting equipment other than Gas-discharge are presented in Table 2.

Table 2: Conducted Emissions Limits For Lighting Equipment Other Than Gas-discharge (AC Mains Terminals)

FREQUENCY (MHz)	CLASS A LIGHTING EQUIPMENT, OTHER THAN GAS-DISCHARGE (DBUV)		CLASS B LIGHTING EQUIPMENT, OTHER THAN GAS-DISCHARGE (DBUV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 – 56 (Note 2)	56 – 46 (Note 2)
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50
Note 1: The more stringent limit applies at transition frequencies. Note 2: No limit apply within the ISM frequency bands listed in Table A .				

Table A: ISM Frequency Bands

Center Frequency (MHz)	Bandwidth (MHz)	Low Limit (MHz)	Upper Limit (MHz)
6.78	±0.015	6.765	6.795
16.56	±0.007	13.553	13.567
27.12	±0.163	26.957	27.283
40.68	±0.020	40.660	40.700
915	±13	902	928
2450	±50	2400	2500
5800	±75	5725	5785
24125	±125	24000	24250
61250	±250	61000	61500
122500	±500	122000	123000
245000	±1000	244000	246000

3.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	Apr 12, 19	Apr 11, 20
Artificial Mains Network	Rohde&Schwarz	ENV216	101315	Apr 12, 19	Apr 11, 20
Artificial Mains Network (AUX)	Rohde&Schwarz	ENV216	101314	Apr 12, 19	Apr 11, 20
RF Cable	FUJIKURA	3D-2W	944 Cable	Apr 12, 19	Apr 11, 20
Voltage Probe	PHX	A130302	KWE-053	Apr 12, 19	Apr 11, 20
Coupling/Decoupling Network	FRANKONIA	A3011081	KWE-0534	Apr 12, 19	Apr 11, 20

NOTE: 1. The test was performed at Shielded Room
2. The calibration interval of the above test instruments is 12 months.

3.1.3 TEST PROCEDURE

The basic test procedure was in accordance with ICES-005 ISSUE 5

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit - 20dB) were not recorded.

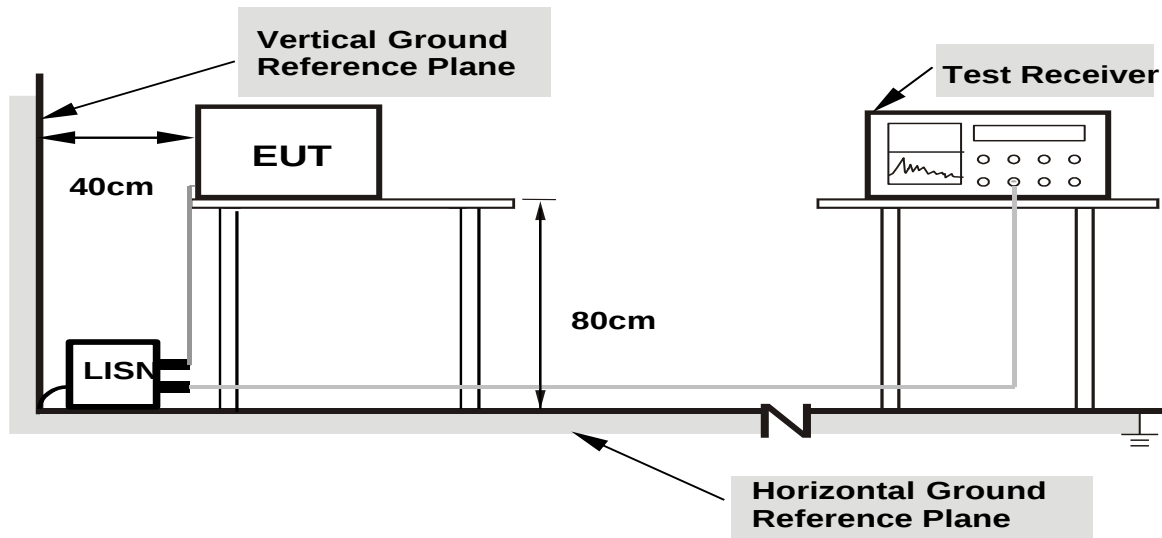
NOTE:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation

3.1.5 TEST SETUP

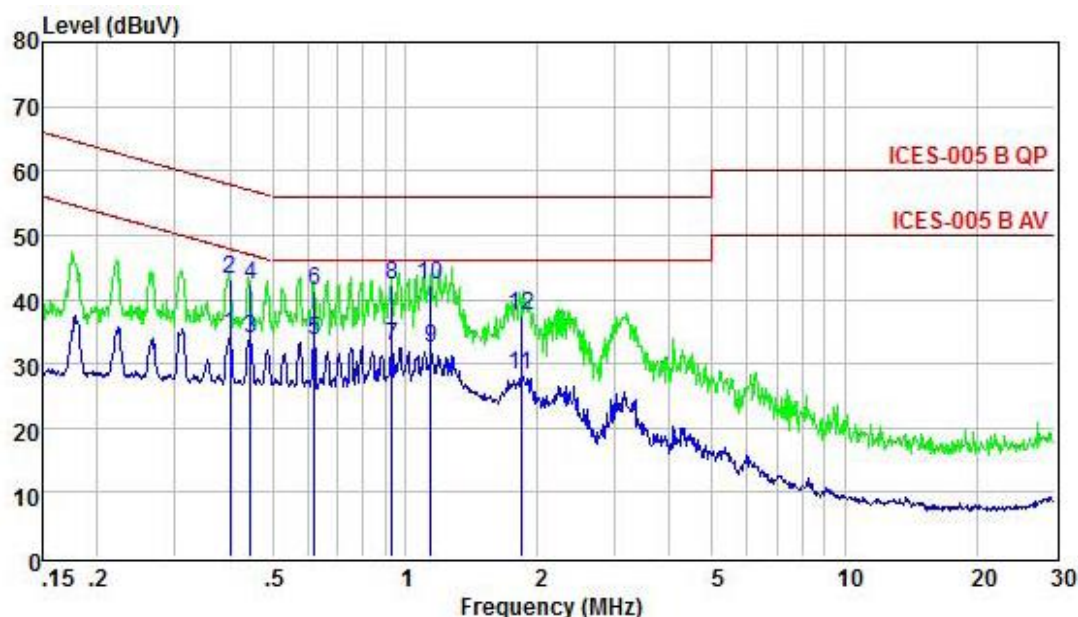


Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.

3.1.6 EUT OPERATING CONDITIONS

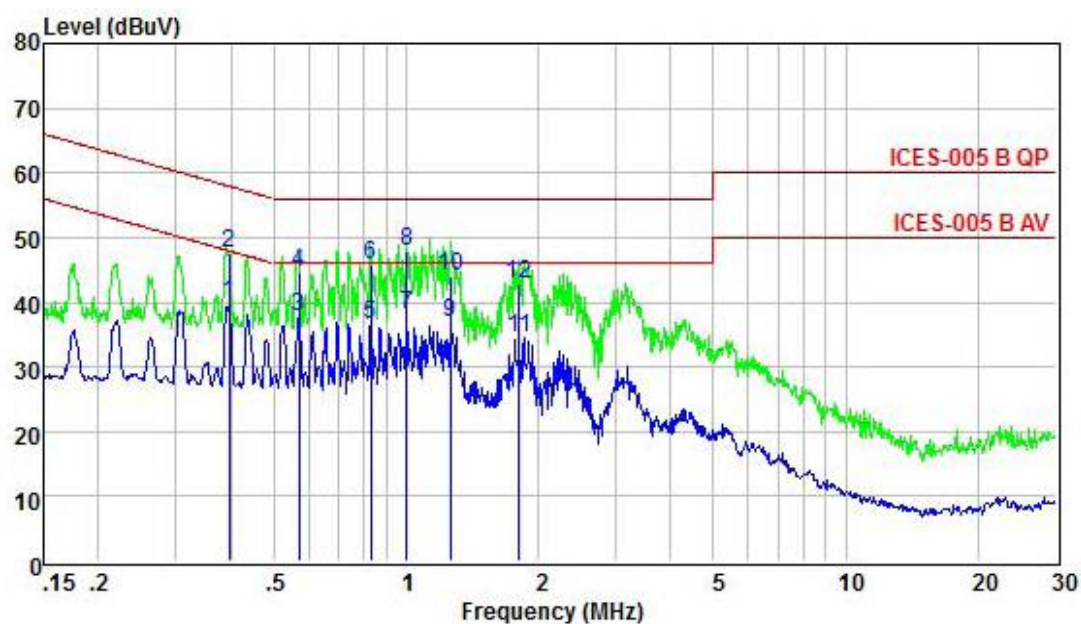
- a. Turned on the power of all equipment.
- b. EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.

3.1.7 TEST RESULTS



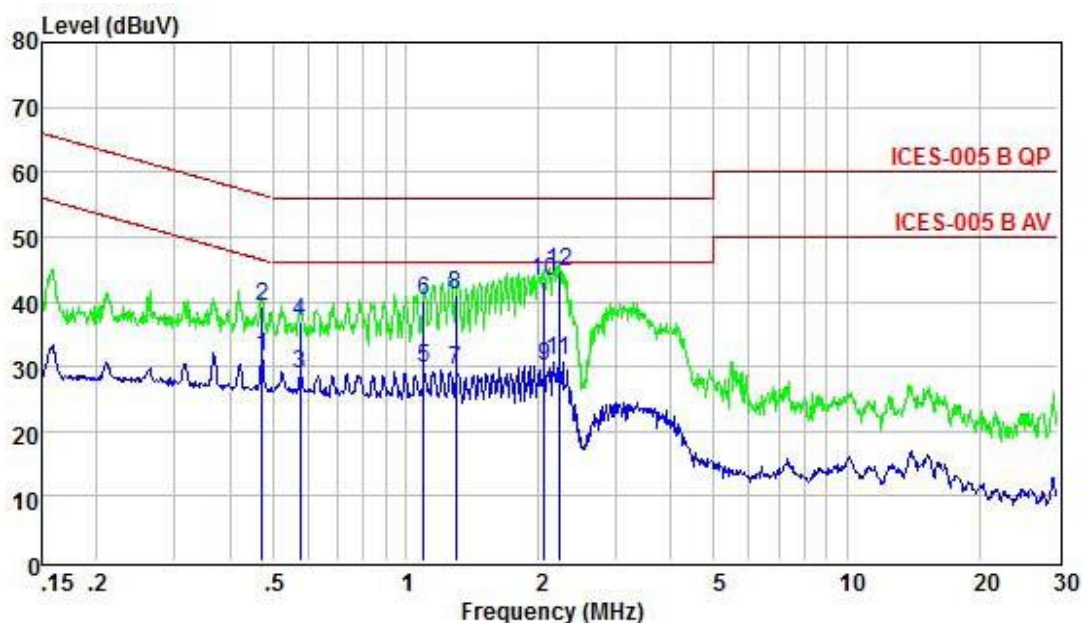
Site : 944 Shielded Room
 Condition : ICES-005 B QP NEUTRAL
 EUT : Seasonal-Use LED Driver
 POWER : AC 120V/60Hz
 M/N : JT-DC060V1000-C
 Test Engineer: Belle
 Comment : Temp:24.7'; Humi:56%; Press:101.52kPa
 Test Mode : Full load

			Limit	Over	
	Freq	Level	Line	Limit	Remark
	MHz	dBuV	dBuV	dB	
1	0.40	34.37	47.86	-13.49	Average
2	0.40	43.20	57.86	-14.66	QP
3	0.44	33.79	46.98	-13.19	Average
4	0.44	42.15	56.98	-14.83	QP
5	0.62	33.68	46.00	-12.32	Average
6	0.62	41.20	56.00	-14.80	QP
7	0.93	32.58	46.00	-13.42	Average
8	0.93	42.15	56.00	-13.85	QP
9	1.15	32.36	46.00	-13.64	Average
10	1.15	42.26	56.00	-13.74	QP
11	1.84	28.22	46.00	-17.78	Average
12	1.84	37.59	56.00	-18.41	QP



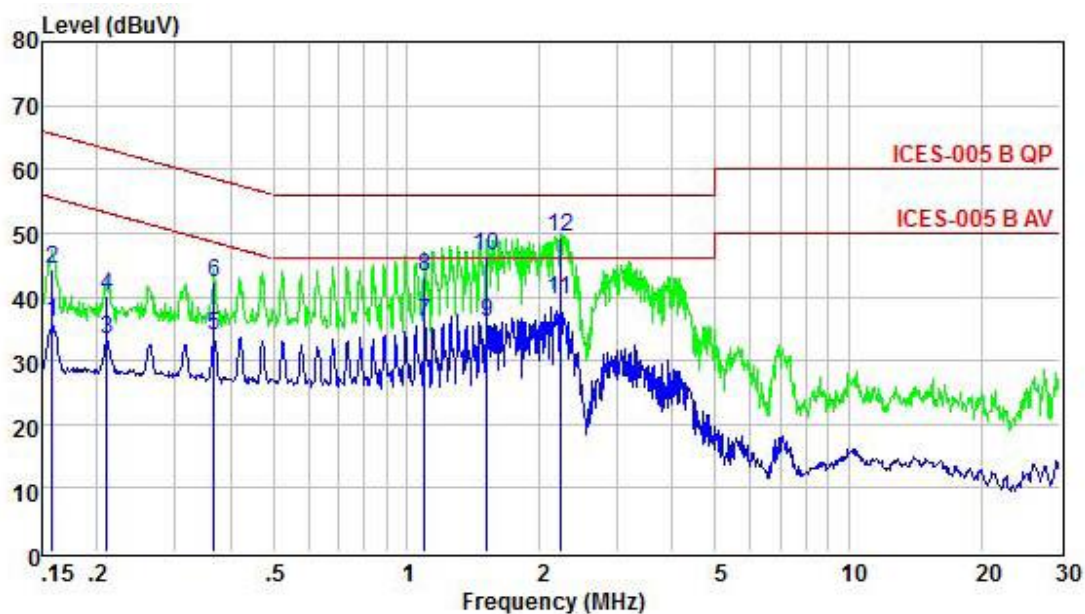
Site : 944 Shielded Room
 Condition : ICES-005 B QP LINE
 EUT : Seasonal-Use LED Driver
 POWER : AC 120V/60Hz
 M/N : JT-DC060V1000-C
 Test Engineer: Belle
 Comment : Temp:24.7';Humi:56%;Press:101.52kPa
 Test Mode : Full load

	Freq	Level	Limit	Over	
	MHz	dBuV	dBuV	dB	Remark
1	0.40	39.79	47.95	-8.16	Average
2	0.40	47.50	57.95	-10.45	QP
3	0.57	37.72	46.00	-8.28	Average
4	0.57	44.69	56.00	-11.31	QP
5	0.83	36.59	46.00	-9.41	Average
6	0.83	45.85	56.00	-10.15	QP
7	1.00	37.92	46.00	-8.08	Average
8	1.00	47.80	56.00	-8.20	QP
9	1.26	37.02	46.00	-8.98	Average
10	1.26	44.14	56.00	-11.86	QP
11	1.81	34.53	46.00	-11.47	Average
12	1.81	42.69	56.00	-13.31	QP



Site : 944 Shielded Room
 Condition : ICES-005 B QP NEUTRAL
 EUT : Seasonal-Use LED Driver
 POWER : AC 120V/60Hz
 M/N : JT-DC300V0240-C
 Test Engineer: Belle
 Comment : Temp:24.7';Humi:56%;Press;101.52kPa
 Test Mode : Full load

	Freq	Level	Limit	Over	
	MHz	dBuV	Line	Limit	Remark
1	0.47	31.38	46.45	-15.07	Average
2	0.47	39.23	56.45	-17.22	QP
3	0.58	28.88	46.00	-17.12	Average
4	0.58	36.95	56.00	-19.05	QP
5	1.10	29.80	46.00	-16.20	Average
6	1.10	40.15	56.00	-15.85	QP
7	1.30	29.33	46.00	-16.67	Average
8	1.30	41.15	56.00	-14.85	QP
9	2.07	30.12	46.00	-15.88	Average
10	2.07	43.26	56.00	-12.74	QP
11	2.22	30.87	46.00	-15.13	Average
12	2.22	44.50	56.00	-11.50	QP



Site : 944 Shielded Room
 Condition : ICES-005 B QP LINE
 EUT : Seasonal-Use LED Driver
 POWER : AC 120V/60Hz
 M/N : JT-DC300V0240-C
 Test Engineer: Belle
 Comment : Temp:24.7';Humi:56%;Press;101.52kPa
 Test Mode : Full load

	Freq	Level	Limit	Over	
	MHz	dBuV	Line	Limit	Remark
	MHz	dBuV	dBuV	dB	
1	0.16	36.07	55.56	-19.49	Average
2	0.16	44.26	65.56	-21.30	QP
3	0.21	33.20	53.18	-19.98	Average
4	0.21	40.01	63.18	-23.17	QP
5	0.37	33.84	48.56	-14.72	Average
6	0.37	42.20	58.56	-16.36	QP
7	1.10	36.02	46.00	-9.98	Average
8	1.10	43.26	56.00	-12.74	QP
9	1.52	35.98	46.00	-10.02	Average
10	1.52	46.25	56.00	-9.75	QP
11	2.22	39.54	46.00	-6.46	Average
12	2.22	49.50	56.00	-6.50	QP

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

TEST STANDARD: ICES-005 ISSUE 5 (Section: 4.5.2)

For gas-discharge lighting equipment, radiated emissions need to be measured in the frequency range determined in accordance with Table 3

Table 3: Frequency Range of Radiated Emissions Limits for GDLE

GDLE operating frequency (MHz)	Radiated emission frequency range	
	From(MHz)	To(MHz)
$f < 1.705$	No radiated emissions measurement require	
$1.705 \leq f < 30$	30	40
$30 \leq f < 500$	30	1000
$f \geq 500$	Low frequency generated in the GDLE or 100MHz, whichever is lower	1000

For equipment other than GDLE, radiated emissions shall be measured over the entire frequency range where limits are defined in Table 4 below (i.e. 30-1000MHz).

The quasi-peak limits for the electric component of the radiated field strength emitted from lighting equipment, for a measured distance of 3m or 10m, are presented in Table 4.

Table 4: Radiated Emissions Limits for Lighting Equipment

Frequency Range(MHz)	Class A (dB μ V/m, quasi-peak)		Class B (dB μ V/m, quasi-peak)	
	3m	10m	3m	10m
30 – 88	49.5	39.1	40	29.5
88 – 216	54	43.5	43.5	33.1
216 – 1000	56.9	46.4	46	35.6
Note 1: The more stringent limit applies at transition frequencies. Note 2: For GDLE, radiated emissions need only be measured in the frequency range determined in accordance with Table 3 . Note 3: For GDLE, no limits apply within the ISM frequency bands listed in Table A .				

Table A: ISM Frequency Bands

Center Frequency (MHz)	Bandwidth (MHz)	Low Limit (MHz)	Upper Limit (MHz)
6.78	±0.015	6.765	6.795
16.56	±0.007	13.553	13.567
27.12	±0.163	26.957	27.283
40.68	±0.020	40.660	40.700
915	±13	902	928
2450	±50	2400	2500
5800	±75	5725	5785
24125	±125	24000	24250
61250	±250	61000	61500
122500	±500	122000	123000
245000	±1000	244000	246000

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	Apr 12,19	Apr 11,20
Bilog Antenna	ETS-LINDGREN	3142D	00135452	Apr 12,19	Apr 11,20
Spectrum Analyzer	Agilent	8593E	3911A04271	Apr 12,19	Apr 11,20
3m Semi-anechoic Chamber	ETS-LINDGREN	966	KW01	Apr 12,19	Apr 11,20
Signal Amplifier	SONOMA	310	187303	Apr 12,19	Apr 11,20
RF Cable	IMRO	IMRO-400	966 Cable 1#	Apr 12,19	Apr 11,20
MULTI-DEVICE Controller	ETS-LINDGREN	2090	126913	N/A	N/A
Antenna Holder	ETS-LINDGREN	2070B	00109601	N/A	N/A

NOTE: 1. The test was performed at **3 meters** Shielded Room
2. The calibration interval of the above test instruments is 12 months.

3.2.3 TEST PROCEDURE

The basic test procedure was in accordance with ICES-005 ISSUE 5.

<Frequency Range below 1GHz>

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

NOTE:

1. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. $\text{Emission level(dBuV/m)} = \text{Raw Value(dBuV)} + \text{Correction Factor(dB/m)}$
3. $\text{Correction Factor(dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Factor (dB)}$ (if the raw value not contains the amplifier)
4. $\text{Correction Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Factor (dB)} - \text{Amplifier Gain(dB)}$ (if the raw value contains the amplifier)
5. $\text{Margin value} = \text{Emission level} - \text{Limit value}$

<Frequency Range above 1GHz>

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3dB beamwidth both, to detect the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. The bore sight should be used during the test above 1GHz.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test receiver/spectrum was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.

NOTE:

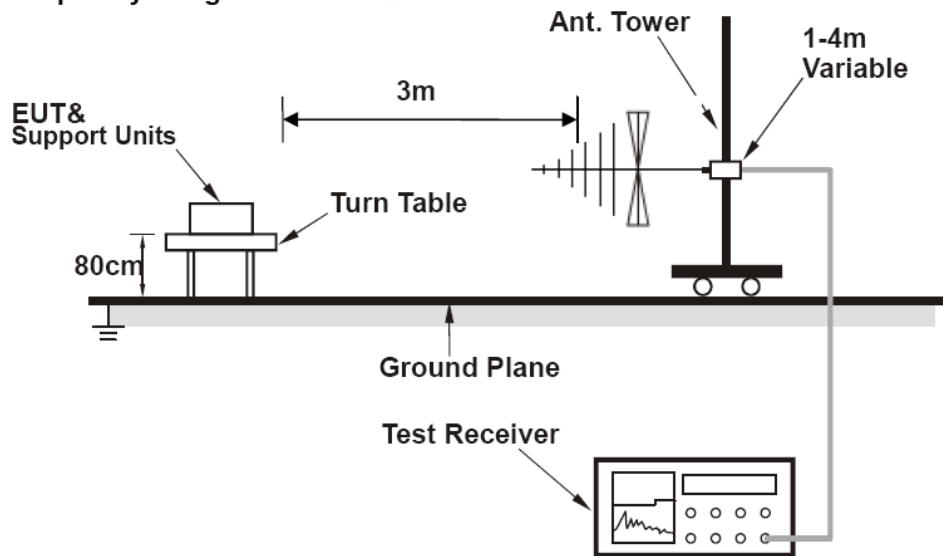
1. The resolution bandwidth is 1MHz and video bandwidth of test receiver/spectrum analyzer is 3MHz for Peak detection at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz for Average detection (AV) at frequency above 1GHz.
2. For measurement of frequency above 1000 MHz, the EUT was set 3 meters away from the receiver antenna.
3. $\text{Emission level(dBuV/m)} = \text{Raw Value(dBuV)} + \text{Correction Factor(dB/m)}$
4. $\text{Correction Factor(dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Factor (dB)}$ (if the raw value not contains the amplifier)
5. $\text{Correction Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Factor (dB)} - \text{Amplifier Gain(dB)}$ (if the raw value contains the amplifier).
6. $\text{Margin value} = \text{Emission level} - \text{Limit value}$

3.2.4 DEVIATION FROM TEST STANDARD

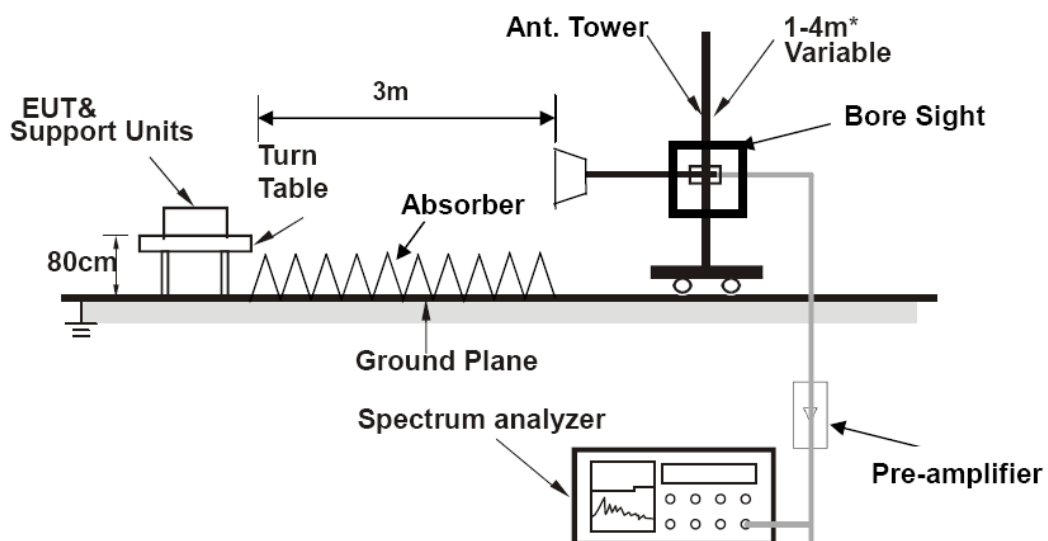
No deviation

3.2.5 TEST SETUP

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



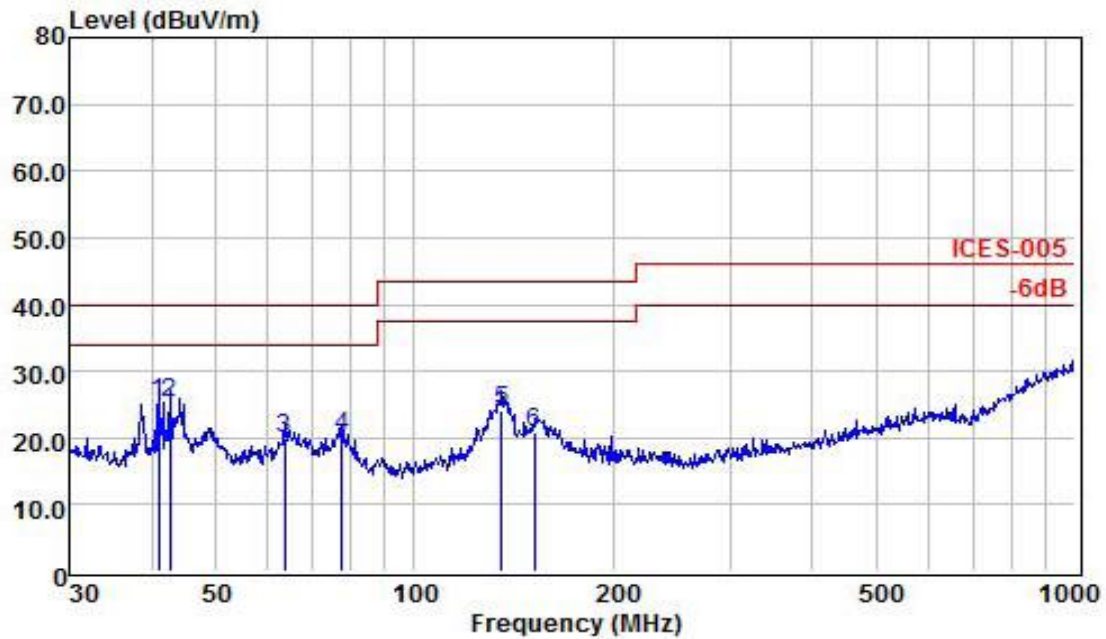
* : depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

3.2.6 EUT OPERATING CONDITIONS

See items 3.1.6

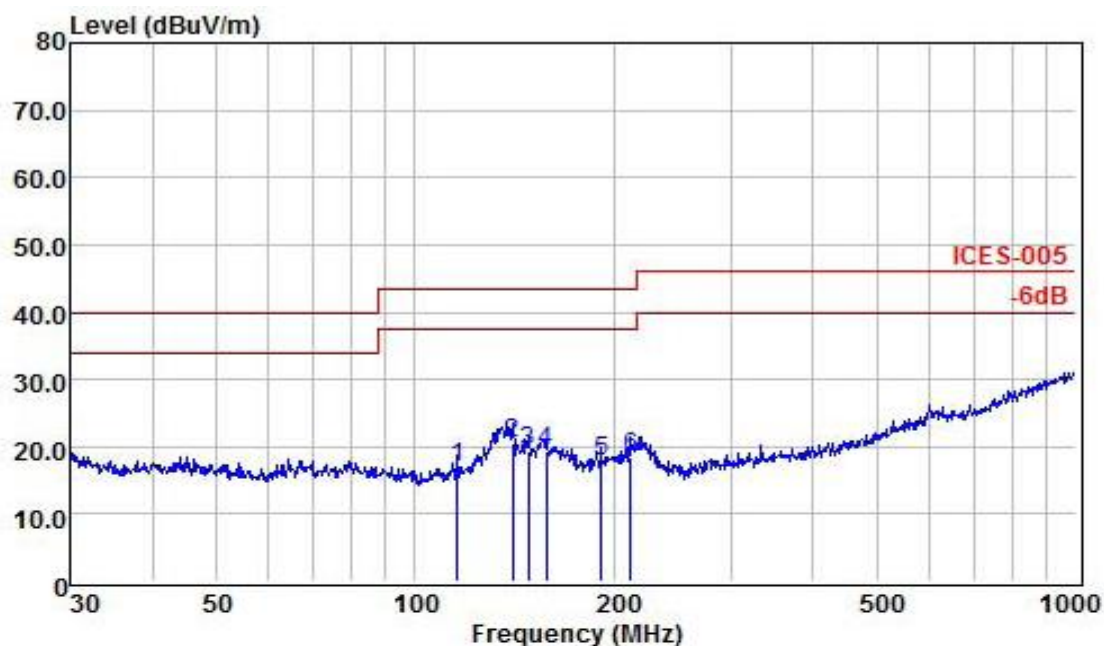
This EUT is testing according to manufacturer's introductions.

3.2.7 TEST RESULTS



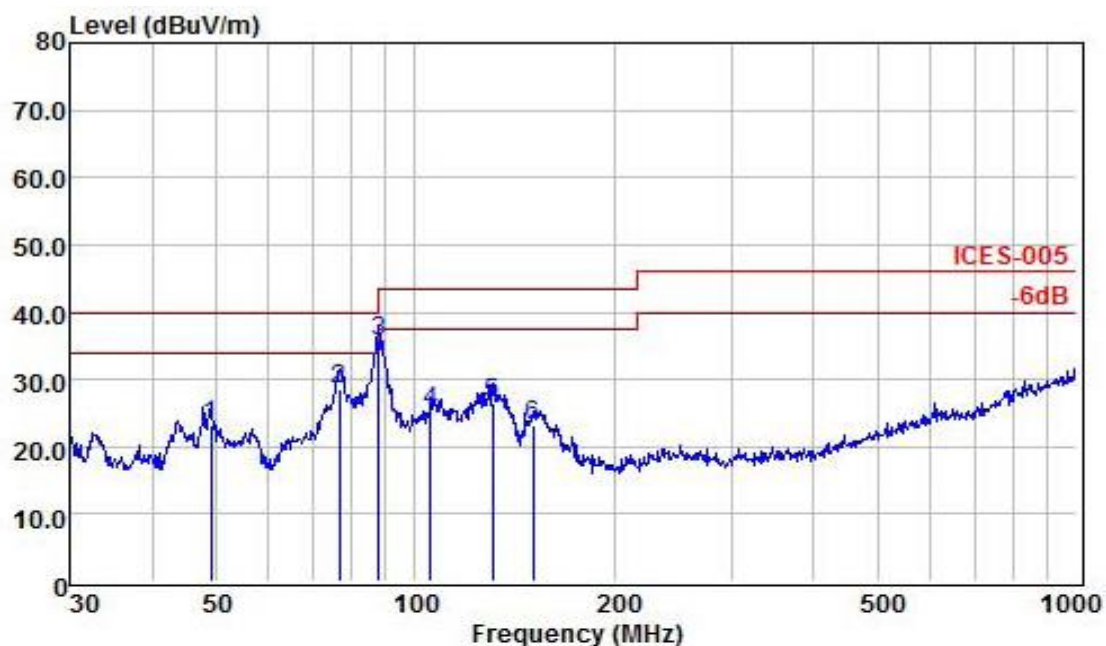
Site : 966 Chamber
 Condition: ICES-005 3m VULB9168 VERTICAL
 EUT : Seasonal-Use LED Driver
 M/N : JT-DC060V1000-C
 Power : AC 120V/60Hz
 Test By : Vivi
 Comment : Temp:24.9'C Humi:55% Press:101.52kPa
 Test Mode: Full load

	Freq	ReadLevel	AntennaFactor	CableLoss	Level	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1	40.99	11.70	13.45	0.13	25.28	40.00	-14.72	QP
2	42.60	11.71	13.36	0.13	25.20	40.00	-14.80	QP
3	63.54	8.06	11.86	0.13	20.05	40.00	-19.95	QP
4	77.59	8.73	11.27	0.15	20.15	40.00	-19.85	QP
5	135.51	9.18	14.61	0.23	24.02	43.50	-19.48	QP
6	152.13	5.15	15.52	0.23	20.90	43.50	-22.60	QP



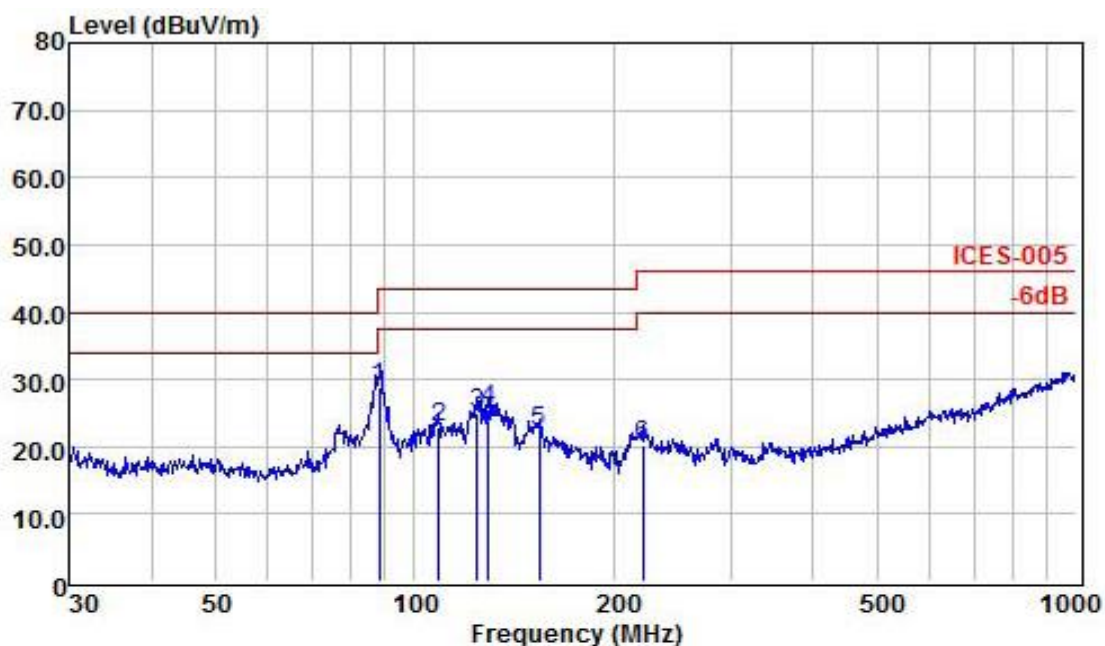
Site : 966 Chamber
 Condition: ICES-005 3m VULB9168 HORIZONTAL
 EUT : Seasonal-Use LED Driver
 M/N : JT-DC060V1000-C
 Power : AC 120V/60Hz
 Test By : Vivi
 Comment : Temp:24.9'C Humi:55% Press:101.52kPa
 Test Mode: Full load

	Freq	ReadAntenna	Cable		Limit	Over	
	Level	Factor	Loss	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB
1	115.73	4.53	12.09	0.20	16.82	43.50	-26.68 QP
2	140.34	5.08	15.21	0.23	20.52	43.50	-22.98 QP
3	148.44	3.82	15.42	0.23	19.47	43.50	-24.03 QP
4	158.11	3.36	15.66	0.23	19.25	43.50	-24.25 QP
5	191.07	5.74	11.96	0.28	17.98	43.50	-25.52 QP
6	212.27	6.71	11.46	0.37	18.54	43.50	-24.96 QP



Site : 966 Chamber
 Condition: ICES-005 3m VULB9168 VERTICAL
 EUT : Seasonal-Use LED Driver
 M/N : JT-DC300V0240-C
 Power : AC 120V/60Hz
 Test By : Vivi
 Comment : Temp:24.9'C Humi:55% Press:101.52kPa
 Test Mode: Full load

	Freq	ReadAntenna	Cable		Limit	Over	
	Level	Factor	Loss	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB
1	49.01	10.12	13.05	0.12	23.29	40.00	-16.71 QP
2	76.78	17.16	11.32	0.15	28.63	40.00	-11.37 QP
3	88.03	24.14	11.35	0.16	35.65	43.50	-7.85 QP
4	105.64	13.63	11.54	0.18	25.35	43.50	-18.15 QP
5	130.84	12.38	13.95	0.22	26.55	43.50	-16.95 QP
6	150.54	7.60	15.48	0.23	23.31	43.50	-20.19 QP



Site : 966 Chamber
Condition: ICES-005 3m VULB9168 HORIZONTAL
EUT : Seasonal-Use LED Driver
M/N : JT-DC300V0240-C
Power : AC 120V/60Hz
Test By : Vivi
Comment : Temp:24.9'C Humi:55% Press:101.52kPa
Test Mode: Full load

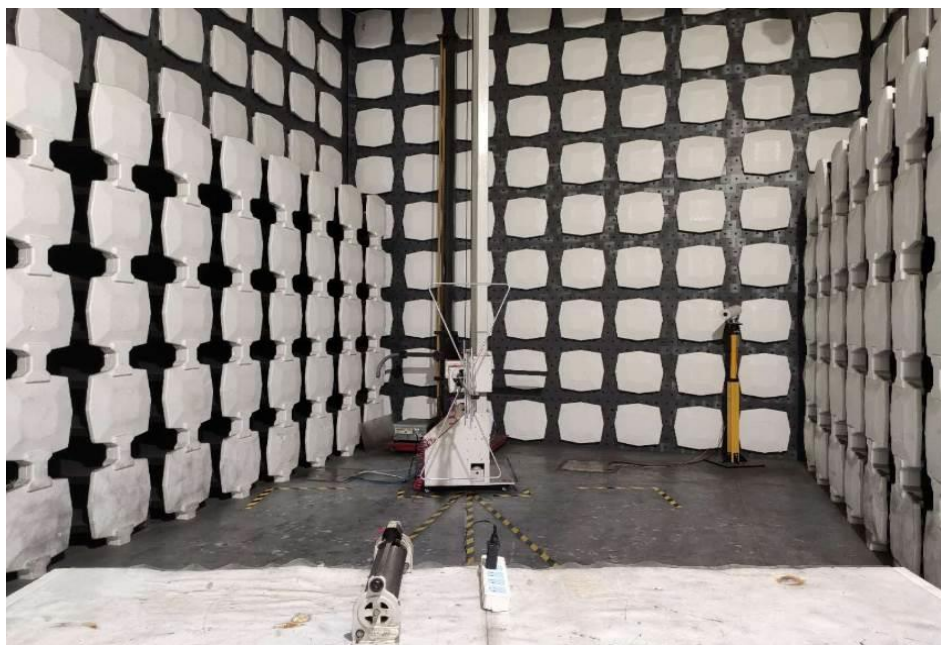
	Freq	ReadAntenna	Cable		Limit	Over	
	Level	Factor	Loss	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB
1	88.34	16.09	12.51	0.16	28.76	43.50	-14.74 QP
2	109.03	10.92	11.73	0.19	22.84	43.50	-20.66 QP
3	124.13	11.95	12.96	0.21	25.12	43.50	-18.38 QP
4	129.47	11.49	13.75	0.22	25.46	43.50	-18.04 QP
5	154.28	6.36	15.57	0.23	22.16	43.50	-21.34 QP
6	221.39	8.17	11.57	0.40	20.14	46.00	-25.86 QP

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



RADIATED EMISSION TEST



5 PHOTOGRAPHS OF THE EUT

**Photo 1# Unit View for model
JT-DC060V1000-C, JT-DC300V0240-C**



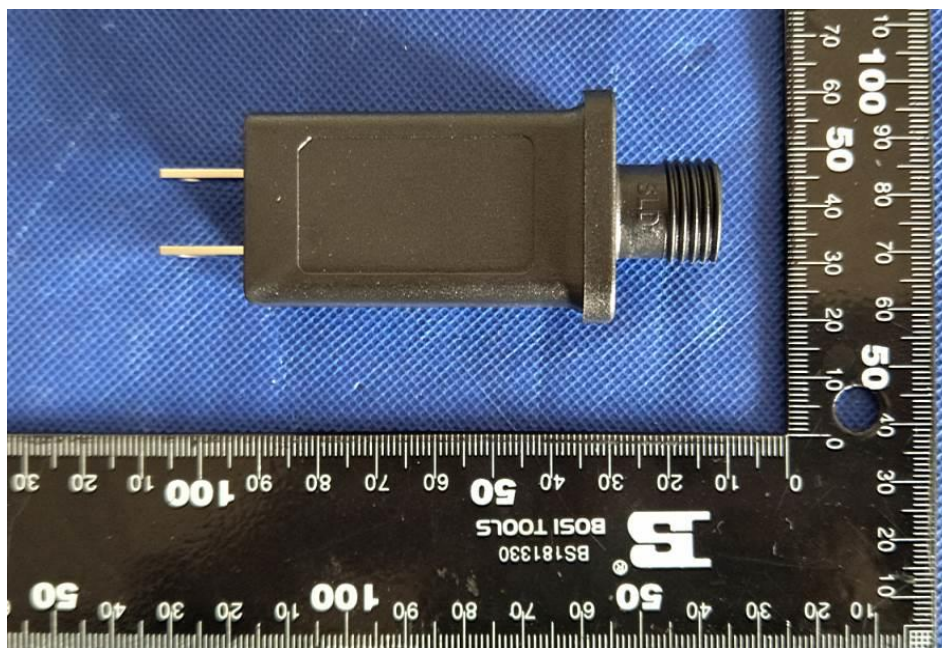
**Photo 2# Unit View for model
JT-DC060V1000-C, JT-DC300V0240-C**



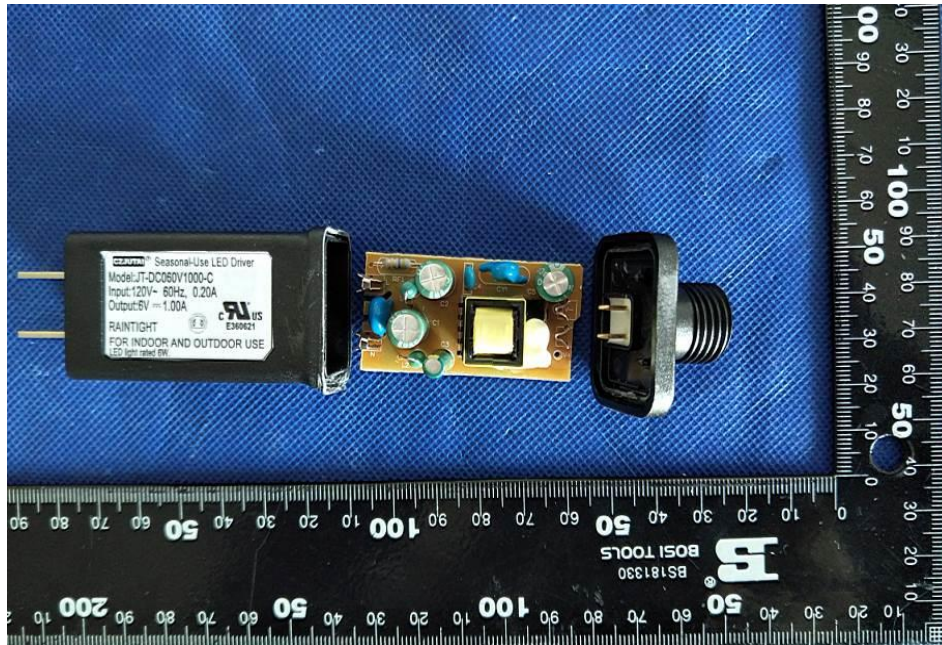
**Photo 3# Unit View for model
JT-DC060V1000-C**



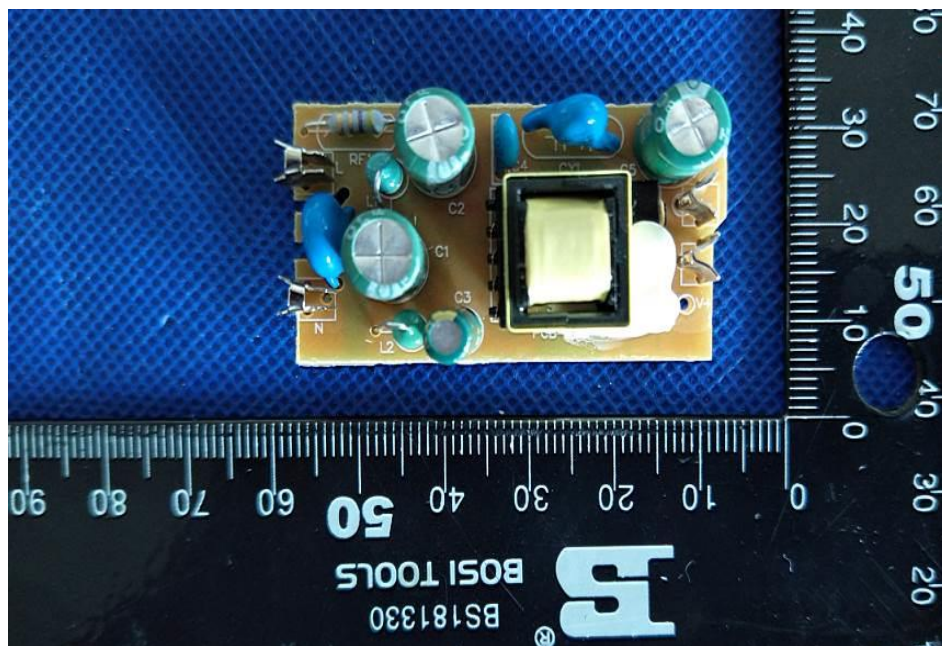
**Photo 4# Unit View for model
JT-DC060V1000-C**



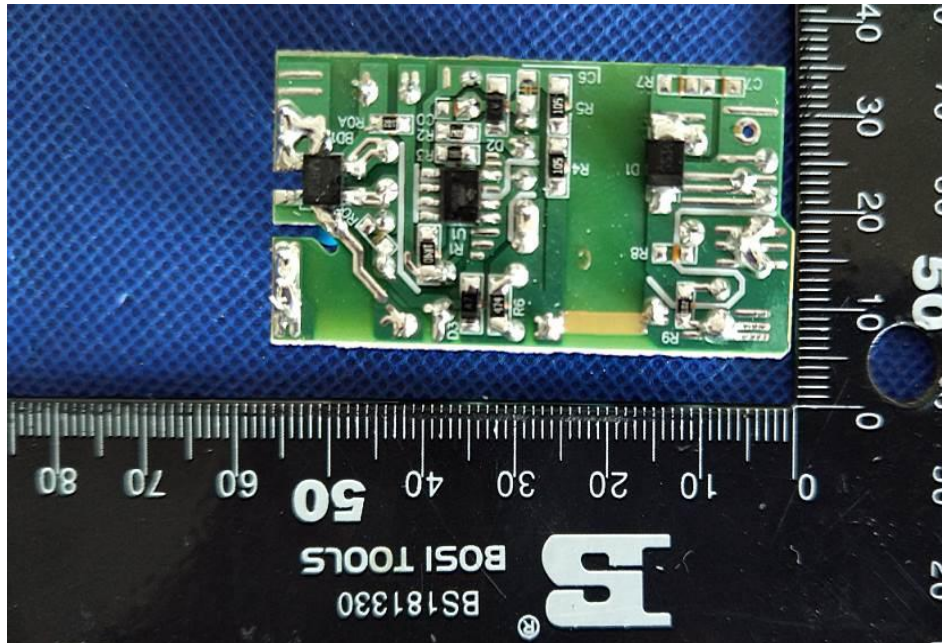
**Photo 5# Internal View for model
JT-DC060V1000-C**



**Photo 6# PCB on component side for model
JT-DC060V1000-C**



**Photo 7# PCB on trace side for model
JT-DC060V1000-C**



**Photo 8# Unit View for model
JT-DC300V0240-C**



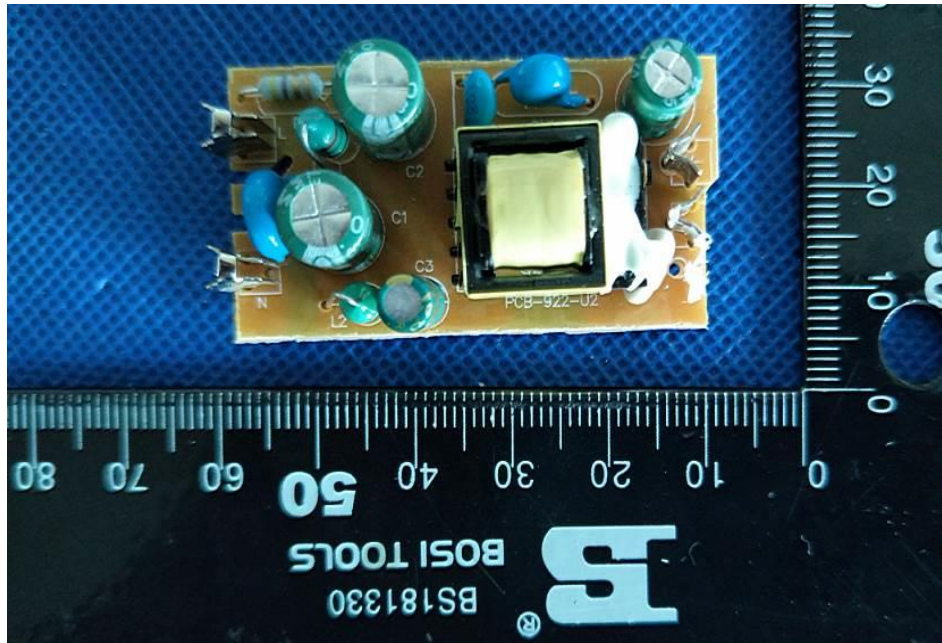
**Photo 9# Unit View for model
JT-DC300V0240-C**



**Photo 10# Internal View for model
JT-DC300V0240-C**



**Photo 11# PCB on component side for model
JT-DC300V0240-C**



**Photo 12# PCB on trace side for model
JT-DC300V0240-C**

