TEST REPORT

Application No.:	GZEM2011016410LM
Applicant:	Foshan Electrical and Lighting Co., Ltd
Address of Applicant:	64 North Fenjiang Road, Foshan, Guangdong, China
Manufacturer:	The same as applicant
Address of Manufacturer:	The same as applicant
Factory:	The same as applicant
Address of Factory:	The same as applicant
Equipment Under Test (EUT):	
EUT Name:	LED LAMPS
Model No.:	A60-5-**/A12J/14/5, A60-5-**/A13J/14/5, A60-7-**/A12J/14/5, A60-7-**/A13J/14/5, A60-8-**/A12J/14/5, A60-8-**/A13J/14/5, A60-9-**/A12J/14/5, A60-9-**/A13J/14/5, A60-12-**/A12J/14/5, A60-12-**/A13J/14/5, A60-15-**/A12J/14/5, A60-15-**/A13J/14/5 (Series ** = 27-65 or RE, OR, YE, GR represent color temperature or color of the cell); A60-11-XX/A12J/14/M, A60-11-XX/A13J/14/M (XX = 27-65, represent color temperature 2700K-6500K) ¤
¤	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Standard(s):	EN IEC 55015:2019 EN 61000-3-2:2014 EN 61000-3-3:2013 +A1:2019 EN 61547:2009
Date of Receipt:	2020-11-12
Date of Test:	2020-11-20 to 2020-11-24
Date of Issue:	2019-08-22 (For original report: GZEM190701469601) 2020-12-10 (For copy report: GZEM190701469602)
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

Kobe Jian
EMC Laboratory Manager

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Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		2019-08-22		Original
02		2020-12-10		Copy report: Added model number; Updated standards.

Authorized for issue by:				
Tested By		Michael Huang		2020-11-20 to 2020-11-24
		Michael_Huang /Project Engineer		**Date**
Checked By		Terry Lai		2020-12-10
		Terry_Lai /Reviewer		**Date**

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2 Test Summary

Emission Part				
Item	**Standard**	**Method**	**Requirement**	**Result**
Radiated Emissions (30MHz-1GHz)	EN IEC 55015:2019	EN IEC 55015:2019	N/A	Pass

N/A: Not applicable

Remark for original report GZEM190701469601:

¤ Declaration of EUT Family Grouping:

Model No.: A60-5-**/A12J/14/5, A60-5-**/A13J/14/5, A60-7-**/A12J/14/5, A60-7-**/A13J/14/5, A60-8-**/A12J/14/5, A60-8-**/A13J/14/5, A60-9-**/A12J/14/5, A60-9-**/A13J/14/5, A60-12-**/A12J/14/5, A60-12-**/A13J/14/5, A60-15-**/A12J/14/5, A60-15-**/A13J/14/5 (Series ** = 27-65 or RE, OR, YE, GR represent color temperature or color of the cell)

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for series A60-5-**/A12J/14/5, A60-5-**/A13J/14/5, A60-7-**/A12J/14/5, A60-7-**/A13J/14/5, A60-8-**/A12J/14/5 and A60-8-**/A13J/14/5, with only difference on the color temperature or color of the cell.

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for series A60-9-**/A12J/14/5 and A60-9-**/A13J/14/5, with only difference on the color temperature or color of the cell.

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for seriesA60-12-**/A12J/14/5 and A60-12-**/A13J/14/5, with only difference on the color temperature or color of the cell.

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for seriesA60-15-**/A12J/14/5 and A60-15-**/A13J/14/5, with only difference on the color temperature or color of the cell.

Therefore four models A60-8-30/A13J/14/5, A60-9-30/A12J/14/5, A60-12-30/A12J/14/5, A60-15-30/A13J/14/5 were performed full items in this report.

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Remark for copy report GZEM190701469602:

Model No.:

A60-5-**/A12J/14/5, A60-5-**/A13J/14/5, A60-7-**/A12J/14/5, A60-7-**/A13J/14/5, A60-8-**/A12J/14/5, A60-8-**/A13J/14/5, A60-9-**/A12J/14/5, A60-9-**/A13J/14/5, A60-12-**/A12J/14/5, A60-12-**/A13J/14/5, A60-15-**/A12J/14/5, A60-15-**/A13J/14/5 (Series ** = 27-65 or RE, OR, YE, GR represent color temperature or color of the cell);

A60-11-XX/A12J/14/M, A60-11-XX/A13J/14/M (XX = 27-65, represent color temperature 2700K-6500K)

The GZEM190701469602 report was an additional report based on and only valid with the report GZEM190701469601. With the follow changes:

1. Added model number: A60-11-XX/A12J/14/M, A60-11-XX/A13J/14/M (XX = 27-65, represent color temperature 2700K-6500K);

   According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for all added models, with only difference being the color temperature and lamp holder.

   New models in this report GZEM190701469602 and models in original report GZEM190701469601 were identical in electrical circuit design, layout, components used and internal wiring, only difference being the color temperature, lamp holder and power(less than original model).

2. Updated standards;

Standard in original report GZEM190701469601	Standard updated in this report GZEM190701469602
EN 55015:2013 +A1:2015	EN IEC 55015:2019
EN 61000-3-3:2013	EN 61000-3-3:2013 +A1:2019

Considering the updated, Radiated Emissions (30MHz-1GHz) tests were performed to the models (A60-8-30/A13J/14/5, A60-9-30/A12J/14/5, A60-12-30/A12J/14/5, A60-5-30/A13J/14/5, A60-11-65/A12J/14/M) in GZEM190701469602 report.

Tests for original data please refer to report GZEM190701469601 for details.

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4 General Information

4.1 Details of E.U.T.

Power Supply: AC 220-240V 50/60Hz
Test Voltage: AC 230V 50Hz
Cable: 2 Pins, AC input
2 wires x about 1.0m unscreened AC mains cable.
(The AC cable and lamp holder, supply by the SGS).

4.2 Description of Support Units

Use the lamp holder, supply by the SGS.

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conducted Disturbance Voltage at Mains Terminals	3.63dB (9kHz to 150kHz)
		3.22dB (150kHz to 30MHz)
2	Disturbance Power	3.78dB
3	Radiated Emissions	5.0dB (30MHz-1GHz)
		5.0dB (1GHz-6GHz)

4.4 Test Location

All tests were performed at:

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198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.

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4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **NVLAP (Lab Code: 200611-0)**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS (Lab Code: L0167)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2018 accreditation criteria for testing laboratories (identical to

ISO/IEC 17025:2017 General Requirements) for the Competence of Testing Laboratories.

- **FCC Recognized 2.948 Listed Test Firm(Registration No.: 282399)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 282399, May 31, 2002.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818, Jul 13, 2017.

- **Industry Canada (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

- **VCCI (Registration No.: R-12460, C-12584, G-10449 and T-11179)**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584，G-10449 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2005, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

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4.6 Deviation from Standards

None.

4.7 Abnormalities from Standard Conditions

None

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5 Equipment List

Radiated Emissions (30MHz-1GHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
EMI Test Receiver	Rohde & Schwarz	ESIB26	EMC0522	2020-01-10	2021-01-09
EMI Test Receiver	Rohde & Schwarz	ESCI	EMC0056	2020-01-10	2021-01-09
Chamber cable	HangTianXing	N/A	EMC0542	2019-06-28	2021-06-27
Trilog Broadband Antenna 25MHz-1GHz	SCHWARZBECKMESS-ELEKTRONIK	VULB 9168	EMC2174	2018-09-06	2021-09-05
Trilog Broadband Antenna 30MHz-1GHz	SCHWARZBECKMESS-ELEKTRONIK	VULB 9168	SEM003-18	2019-02-22	2022-02-22
Bi-log Type Antenna	Schaffner Chase	CBL6143	EMC0519	2020-06-08	2023-06-07
Horn Antenna 1GHz-18GHz	Rohde & Schwarz	HF906	EMC0518	2018-09-02	2021-09-01
1GHz-26.5 GHz Pre-Amplifier	Agilent	8449B	EMC0521	2020-01-10	2021-01-09
Amplifier	HP	8447F	EMC2065	2020-05-26	2021-05-25
Pre-Amplifier MH648A	ANRITSU CORP	MH648A	EMC2086	2020-11-13	2021-11-12
Active Loop Antenna	ETS-Lindgren	6502	EMC2190	2019-12-27	2021-12-26
High Pass Filter(915MHz)	FSY MICROWAVE	HM1465-9SS	EMC2079	2020-01-10	2021-01-09
2.4GHz Filter	Micro-Tronics	BRM 50702	EMC2069	2020-01-10	2021-01-09
10m Semi-Anechoic Chamber	ETS	N/A	EMC0530	2019-10-20	2022-10-19
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2017-12-19	2020-12-18
MXE EMI Receiver	Keysight	N9038A	EMC2139	2020-11-13	2021-11-12
EXA Signal Analyzer	Keysight	N9010A	EMC2138	2020-09-17	2021-09-16
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A

General used equipment					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
DMM	Fluke	73	EMC0006	2020-07-09	2021-07-08
DMM	Fluke	73	EMC0007	2020-07-09	2021-07-08

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6 Emission Test Results

6.1 Radiated Emissions (30MHz-1GHz)

Test Requirement: EN IEC 55015:2019

Test Method: EN IEC 55015:2019

Frequency Range: 30MHz to 1GHz

Measurement Distance: 10m

Limit:

30MHz-230MHz 30 dB(μV/m) quasi-peak

230MHz-1GHz 37 dB(μV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to 1000MHz

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 52 % RH Atmospheric Pressure: 1020 mbar

Test mode: a: Test the EUT in LED lighting mode. (For model: A60-12-30/A12J/14/5)

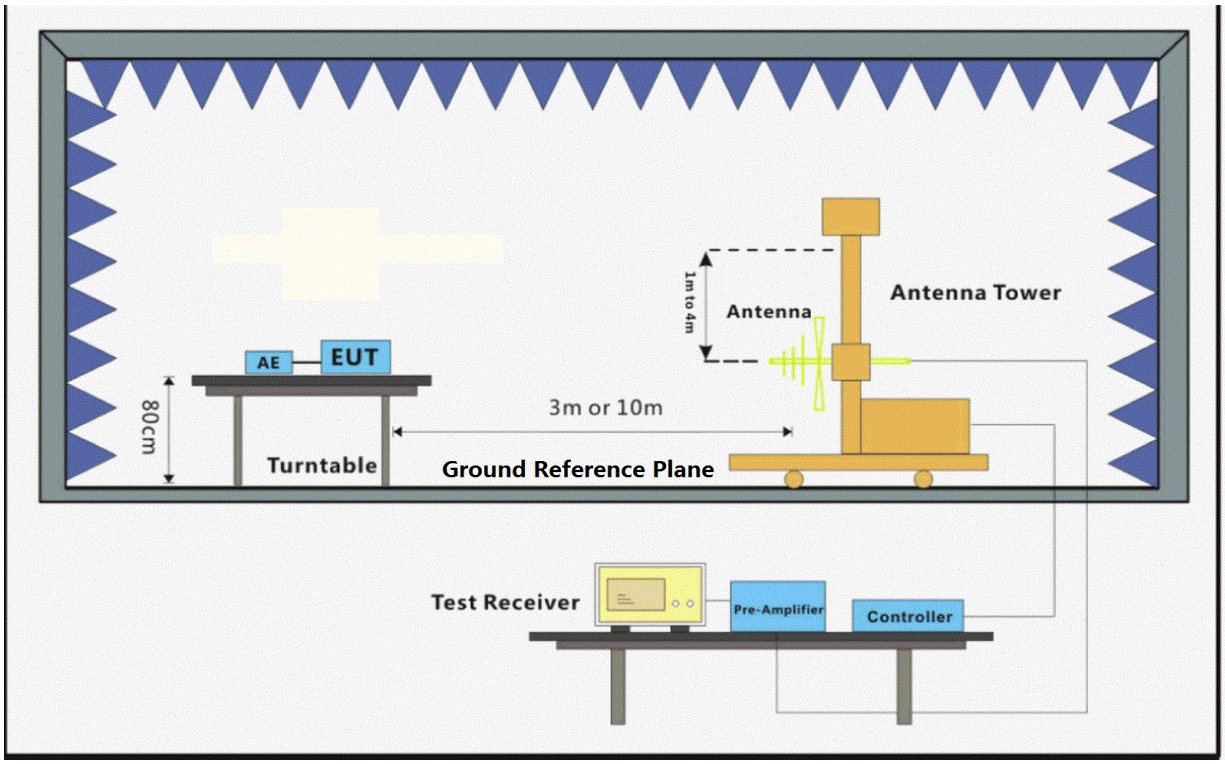
b: Test the EUT in LED lighting mode. (For model: A60-9-30/A12J/14/5)

c: Test the EUT in LED lighting mode. (For model: A60-8-30/A13J/14/5)

d: Test the EUT in LED lighting mode. (For model: A60-5-30/A13J/14/5)

e: Test the EUT in LED lighting mode. (For model: A60-11-65/A12J/14/M)

6.1.2 Test Setup Diagram



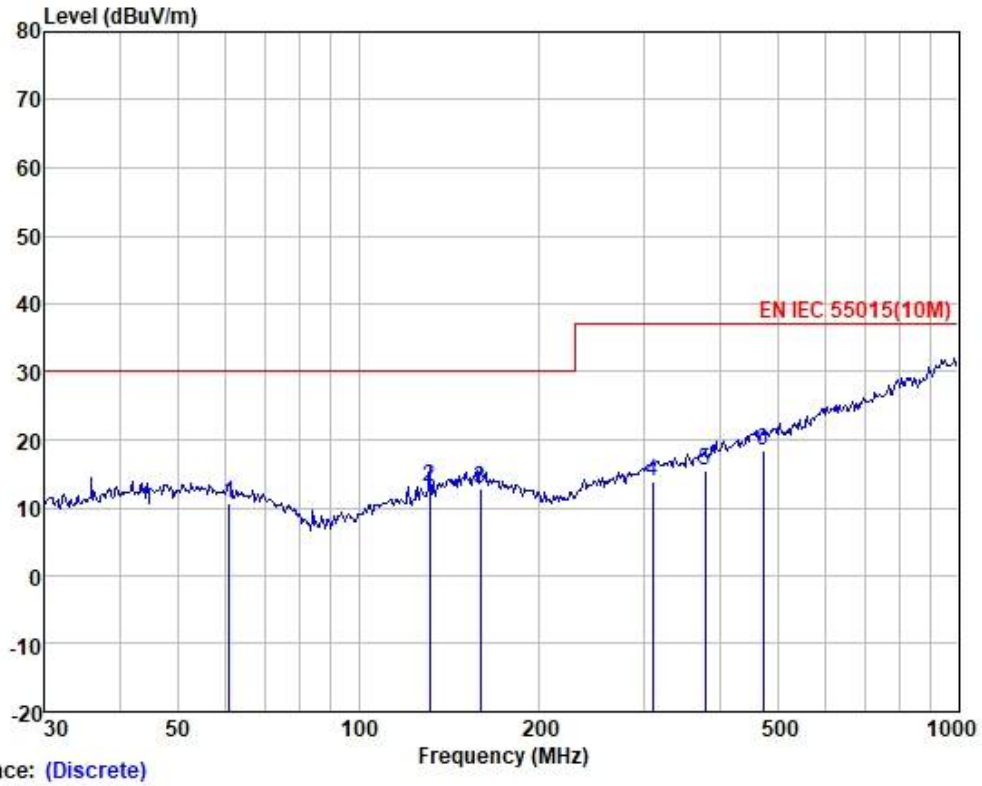
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6.1.3 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Mode:a; Polarization:Horizontal



Trace: (Discrete)

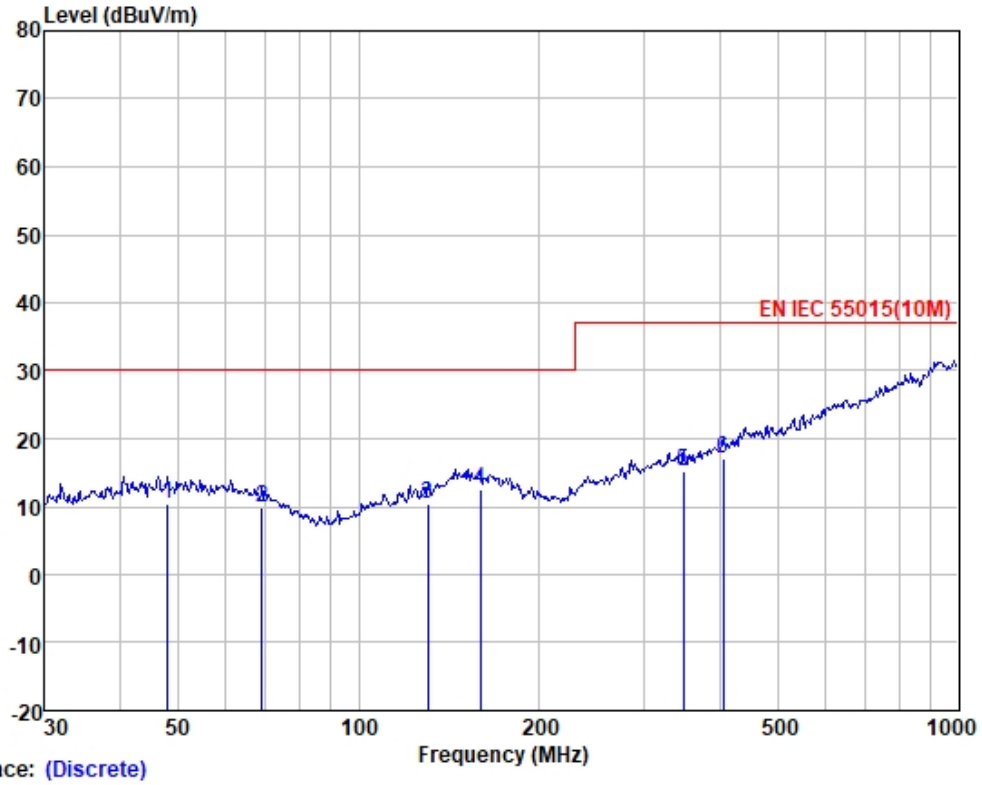
Site : SGS
Condition: EN IEC 55015(10M) 10m HORIZONTAL
Job :
Model : M11
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	60.918	23.15	13.25	1.32	27.16	10.56	30.00	-19.44	HORIZONTAL	QP
2	131.297	25.94	12.24	1.86	26.99	13.05	30.00	-16.95	HORIZONTAL	QP
3	159.784	23.84	13.60	2.13	26.80	12.77	30.00	-17.23	HORIZONTAL	QP
4	308.913	23.64	13.85	2.99	26.60	13.88	37.00	-23.12	HORIZONTAL	QP
5	378.584	23.73	15.48	3.43	27.24	15.40	37.00	-21.60	HORIZONTAL	QP
6	472.176	24.55	17.50	4.13	27.86	18.32	37.00	-18.68	HORIZONTAL	QP

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Mode:b; Polarization:Horizontal



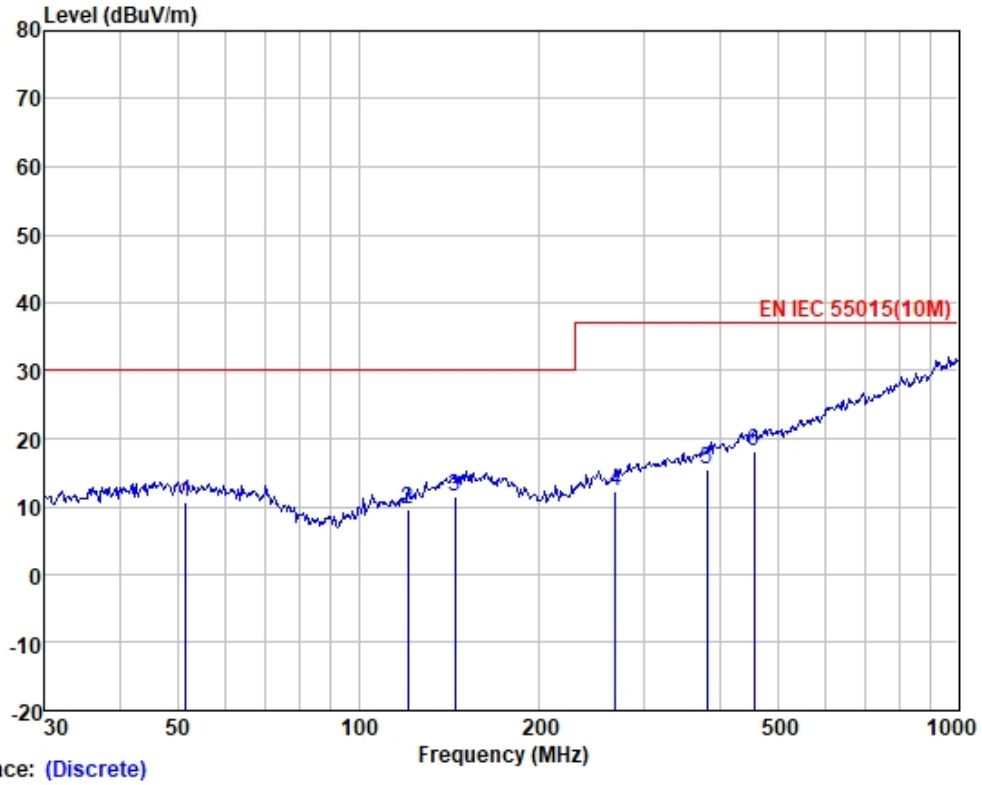
Trace: (Discrete)
Site : SGS
Condition: EN IEC 55015(10M) 10m HORIZONTAL
Job :
Model : M9
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	47.994	22.44	14.00	1.19	27.17	10.46	30.00	-19.54	HORIZONTAL	QP
2	69.114	23.47	12.05	1.38	27.13	9.77	30.00	-20.23	HORIZONTAL	QP
3	130.379	23.27	12.15	1.86	26.99	10.29	30.00	-19.71	HORIZONTAL	QP
4	159.784	23.59	13.60	2.13	26.80	12.52	30.00	-17.48	HORIZONTAL	QP
5	348.027	24.60	14.50	3.15	26.96	15.29	37.00	-21.71	HORIZONTAL	QP
6	406.088	24.68	15.82	3.85	27.36	16.99	37.00	-20.01	HORIZONTAL	QP

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Mode:c; Polarization:Horizontal



Trace: (Discrete)

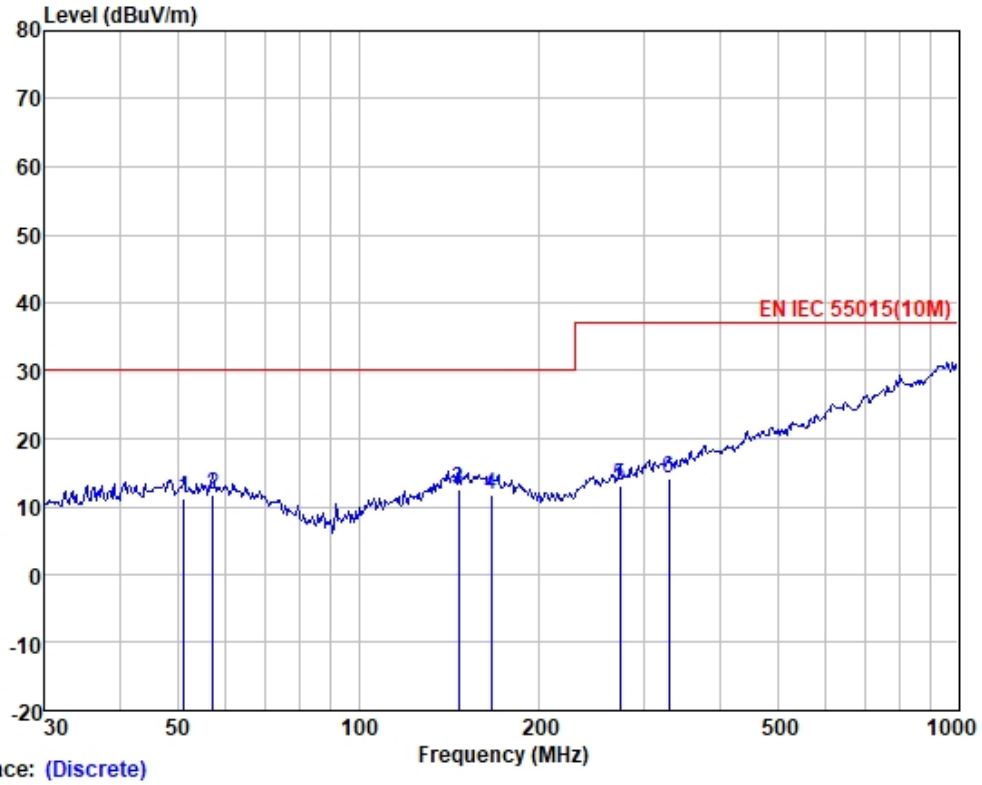
Site : SGS
Condition: EN IEC 55015(10M) 10m HORIZONTAL
Job :
Model : M12
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	51.481	22.59	13.97	1.22	27.17	10.61	30.00	-19.39	HORIZONTAL	QP
2	120.699	23.95	10.96	1.77	27.03	9.65	30.00	-20.35	HORIZONTAL	QP
3	144.842	22.76	13.65	2.02	26.87	11.56	30.00	-18.44	HORIZONTAL	QP
4	268.485	23.65	12.60	2.72	26.58	12.39	37.00	-24.61	HORIZONTAL	QP
5	381.249	23.74	15.50	3.46	27.26	15.44	37.00	-21.56	HORIZONTAL	QP
6	455.906	24.34	17.42	4.12	27.75	18.13	37.00	-18.87	HORIZONTAL	QP

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Mode:d; Polarization:Horizontal



Trace: (Discrete)

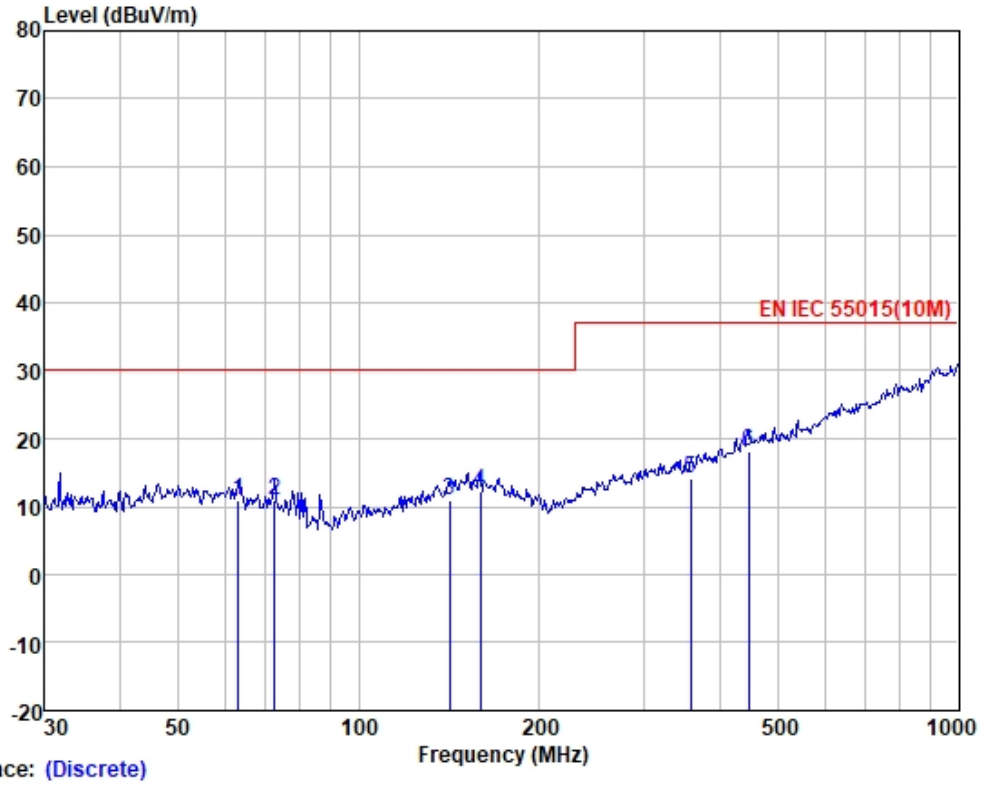
Site : SGS
Condition: EN IEC 55015(10M) 10m HORIZONTAL
Job :
Model : M5
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	51.121	23.28	13.95	1.21	27.17	11.27	30.00	-18.73	HORIZONTAL	QP
2	57.191	23.86	13.64	1.30	27.16	11.64	30.00	-18.36	HORIZONTAL	QP
3	146.888	23.54	13.70	2.03	26.85	12.42	30.00	-17.58	HORIZONTAL	QP
4	166.651	22.90	13.37	2.21	26.78	11.70	30.00	-18.30	HORIZONTAL	QP
5	272.278	24.17	12.80	2.74	26.58	13.13	37.00	-23.87	HORIZONTAL	QP
6	329.039	23.43	14.48	3.02	26.73	14.20	37.00	-22.80	HORIZONTAL	QP

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Mode:e Polarization:Horizontal



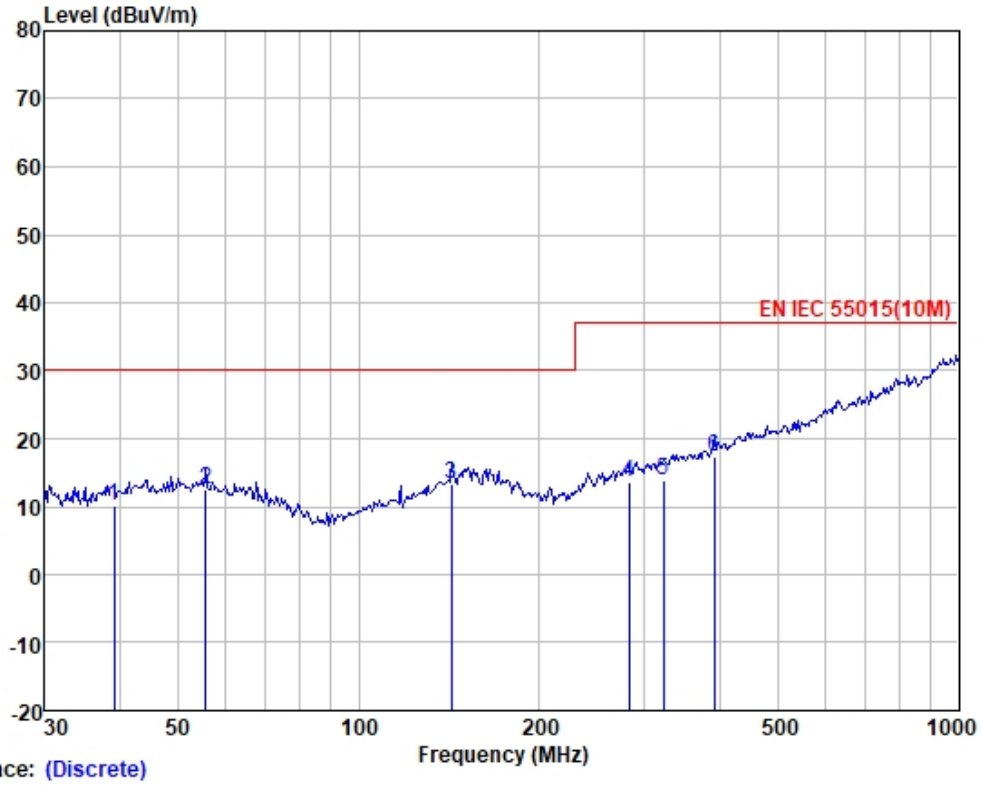
Trace: (Discrete)
Site : SGS
Condition: EN IEC 55015(10M) 10m HORIZONTAL
Job :
Model : M1
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	63.092	23.80	13.00	1.31	27.15	10.96	30.00	-19.04	HORIZONTAL	QP
2	72.338	25.26	11.43	1.42	27.11	11.00	30.00	-19.00	HORIZONTAL	QP
3	141.826	22.32	13.50	1.99	26.90	10.91	30.00	-19.09	HORIZONTAL	QP
4	159.784	23.36	13.60	2.13	26.80	12.29	30.00	-17.71	HORIZONTAL	QP
5	357.929	23.17	14.75	3.28	27.09	14.11	37.00	-22.89	HORIZONTAL	QP
6	446.414	24.38	17.23	4.05	27.65	18.01	37.00	-18.99	HORIZONTAL	QP

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Mode:a; Polarization:Vertical



Trace: (Discrete)

Site : SGS
Condition: EN IEC 55015(10M) 10m VERTICAL
Job :
Model : M11
Power :
Test Mode:

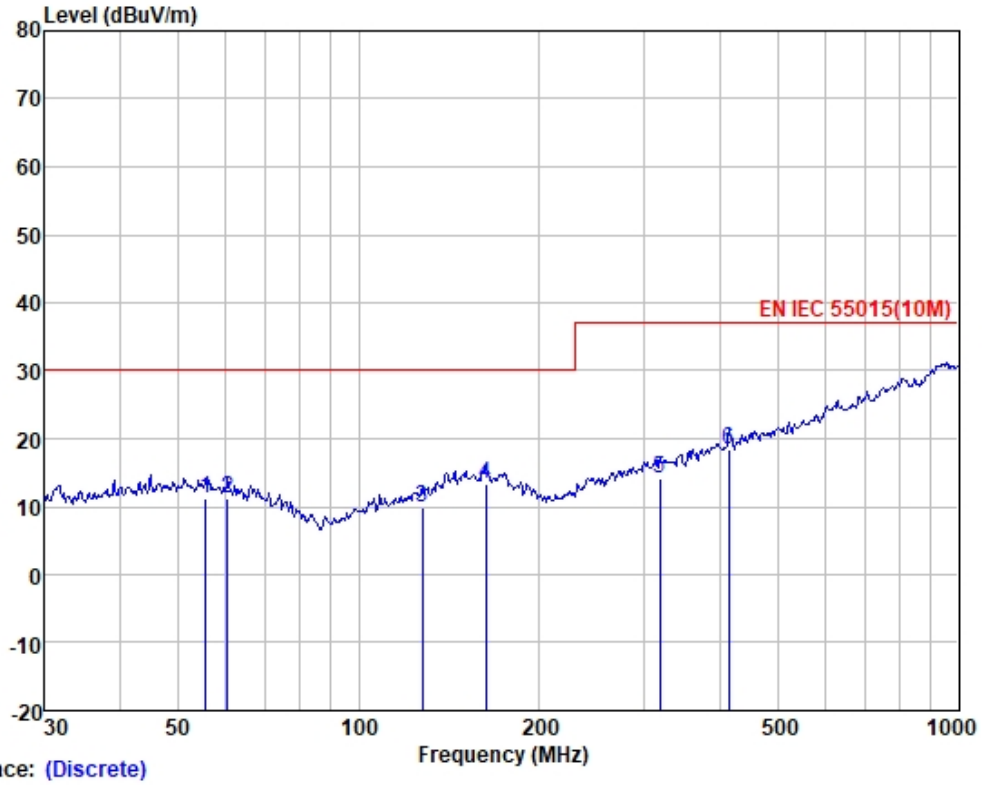
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	39.162	22.92	13.43	1.06	27.18	10.23	30.00	-19.77	VERTICAL	QP
2	55.609	24.59	13.72	1.28	27.16	12.43	30.00	-17.57	VERTICAL	QP
3	142.824	24.59	13.55	1.99	26.88	13.25	30.00	-16.75	VERTICAL	QP
4	281.995	24.09	13.23	2.82	26.56	13.58	37.00	-23.42	VERTICAL	QP
5	322.189	23.17	14.35	3.01	26.67	13.86	37.00	-23.14	VERTICAL	QP
6	392.095	25.29	15.60	3.70	27.30	17.29	37.00	-19.71	VERTICAL	QP

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Mode:b; Polarization:Vertical



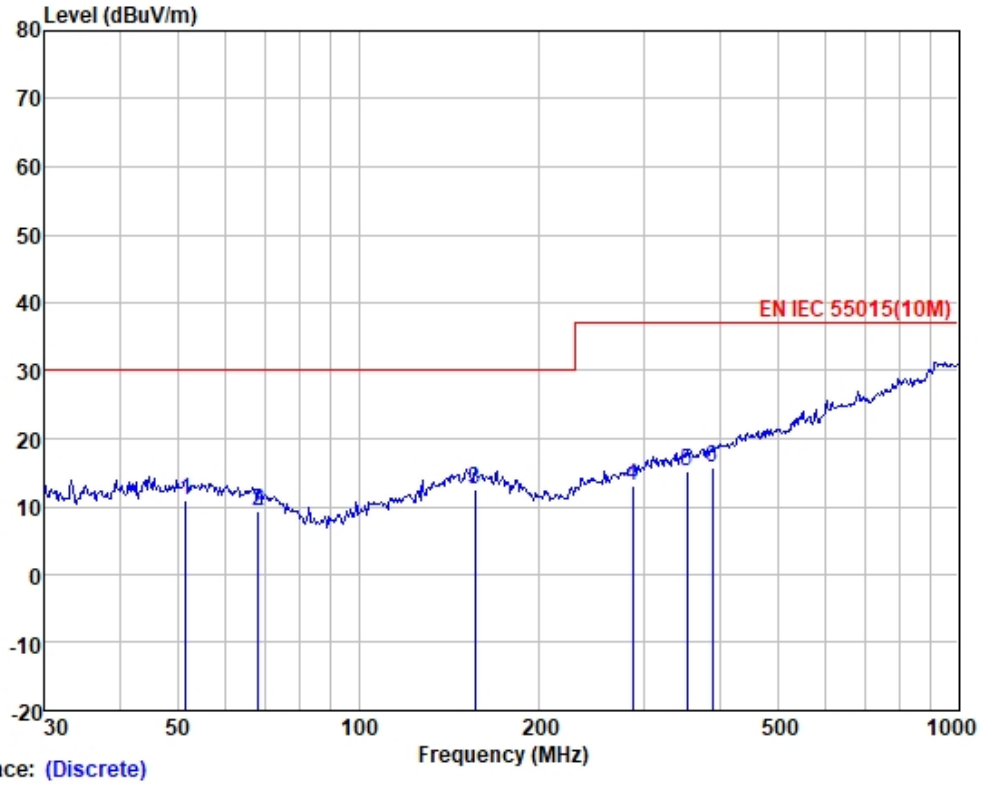
Trace: (Discrete)

Site : SGS
Condition: EN IEC 55015(10M) 10m VERTICAL
Job :
Model : M9
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	55.609	23.38	13.72	1.28	27.16	11.22	30.00	-18.78	VERTICAL	QP
2	60.492	23.60	13.33	1.32	27.16	11.09	30.00	-18.91	VERTICAL	QP
3	127.665	23.42	11.75	1.83	27.00	10.00	30.00	-20.00	VERTICAL	QP
4	163.182	24.43	13.53	2.17	26.79	13.34	30.00	-16.66	VERTICAL	QP
5	317.701	23.50	14.20	3.00	26.65	14.05	37.00	-22.95	VERTICAL	QP
6	414.722	26.00	16.10	3.68	27.40	18.38	37.00	-18.62	VERTICAL	QP

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Mode:c; Polarization:Vertical



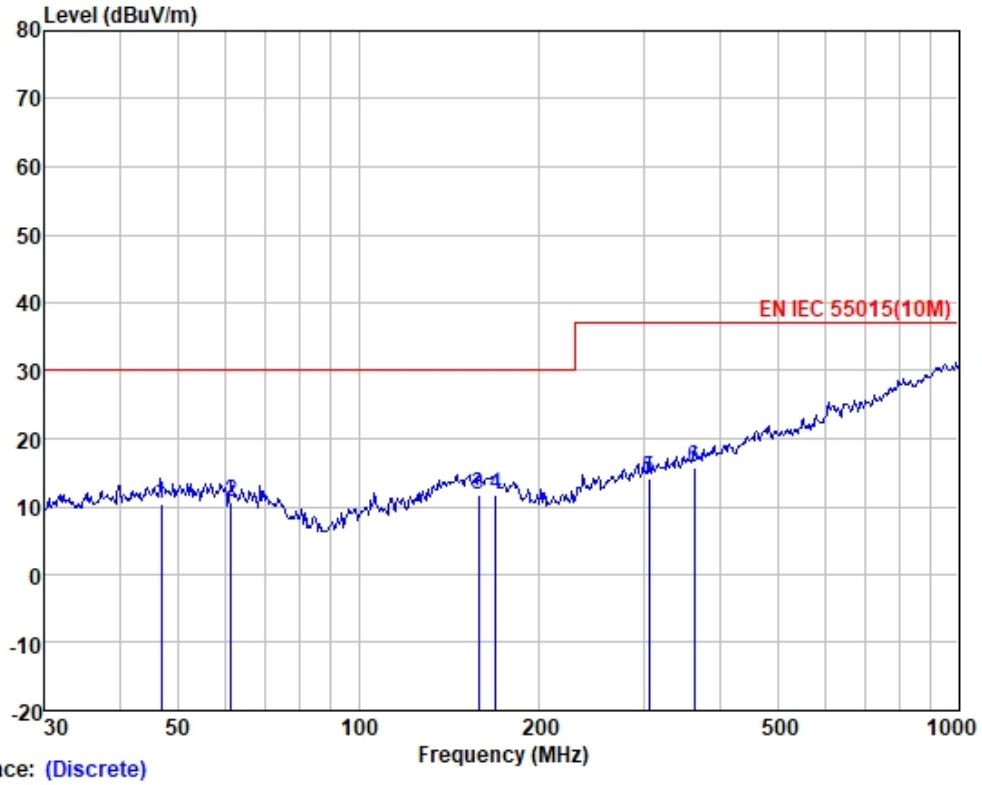
Trace: (Discrete)

Site : SGS
Condition: EN IEC 55015(10M) 10m VERTICAL
Job :
Model : M12
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	51.481	22.88	13.97	1.22	27.17	10.90	30.00	-19.10	VERTICAL	QP
2	68.151	23.01	12.17	1.36	27.14	9.40	30.00	-20.60	VERTICAL	QP
3	156.458	23.48	13.70	2.10	26.81	12.47	30.00	-17.53	VERTICAL	QP
4	285.978	23.41	13.32	2.85	26.56	13.02	37.00	-23.98	VERTICAL	QP
5	352.943	24.52	14.55	3.20	27.04	15.23	37.00	-21.77	VERTICAL	QP
6	389.355	23.74	15.60	3.70	27.29	15.75	37.00	-21.25	VERTICAL	QP

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Mode:d; Polarization:Vertical

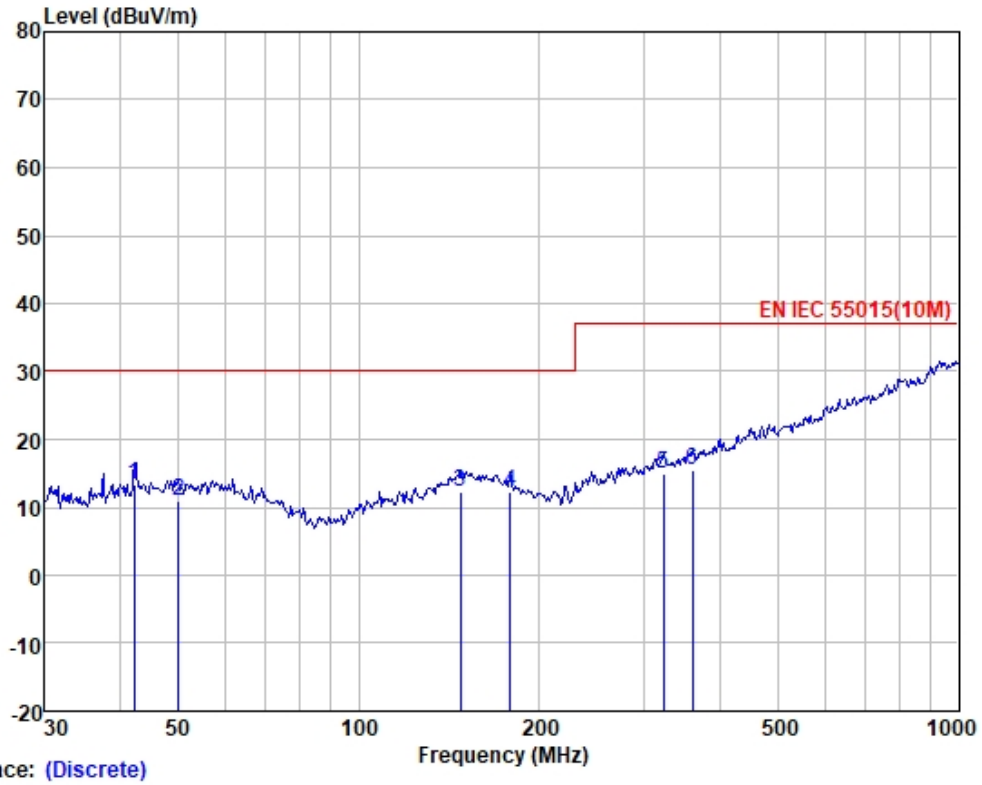


Trace: (Discrete)
Site : SGS
Condition: EN IEC 55015(10M) 10m VERTICAL
Job :
Model : M5
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	46.830	22.43	13.94	1.19	27.17	10.39	30.00	-19.61	VERTICAL	QP
2	61.346	23.23	13.18	1.32	27.15	10.58	30.00	-19.42	VERTICAL	QP
3	158.668	22.74	13.67	2.13	26.80	11.74	30.00	-18.26	VERTICAL	QP
4	169.599	23.03	13.15	2.23	26.77	11.64	30.00	-18.36	VERTICAL	QP
5	304.610	24.03	13.70	2.98	26.57	14.14	37.00	-22.86	VERTICAL	QP
6	362.985	24.54	14.95	3.33	27.14	15.68	37.00	-21.32	VERTICAL	QP

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Mode:e; Polarization:Vertical



Trace: (Discrete)

Site : SGS
Condition: EN IEC 55015(10M) 10m VERTICAL
Job :
Model : M1
Power :
Test Mode:

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	42.302	25.74	13.71	1.12	27.17	13.40	30.00	-16.60	VERTICAL	QP
2	50.057	23.06	13.90	1.19	27.17	10.98	30.00	-19.02	VERTICAL	QP
3	147.921	23.48	13.70	2.05	26.85	12.38	30.00	-17.62	VERTICAL	QP
4	178.758	24.49	12.13	2.35	26.76	12.21	30.00	-17.79	VERTICAL	QP
5	322.189	24.11	14.35	3.01	26.67	14.80	37.00	-22.20	VERTICAL	QP
6	360.448	24.35	14.90	3.28	27.11	15.42	37.00	-21.58	VERTICAL	QP

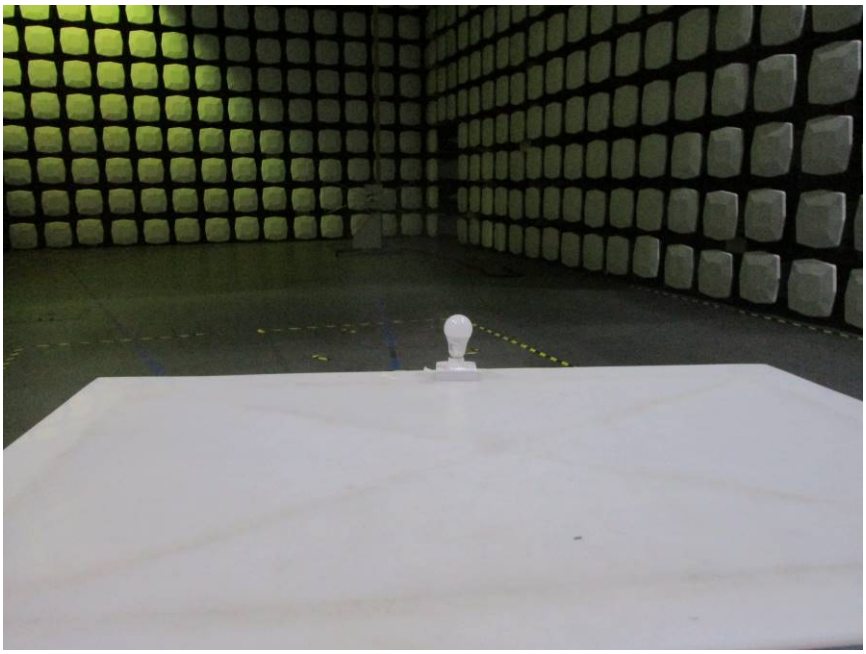
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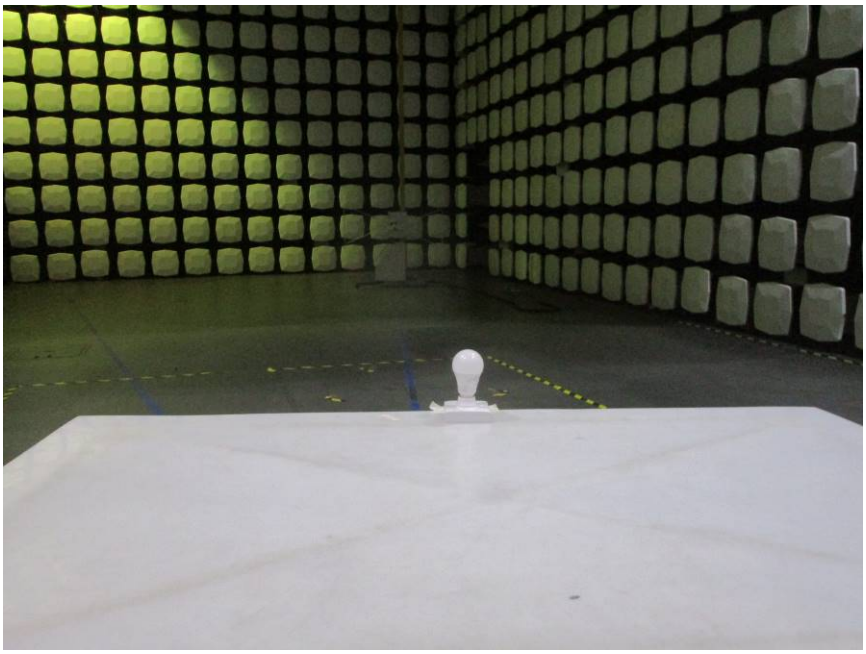
7 Photographs

7.1 Radiated Emissions (30MHz-1GHz) Test Setup

Model A60-12-30/A12J/14/5

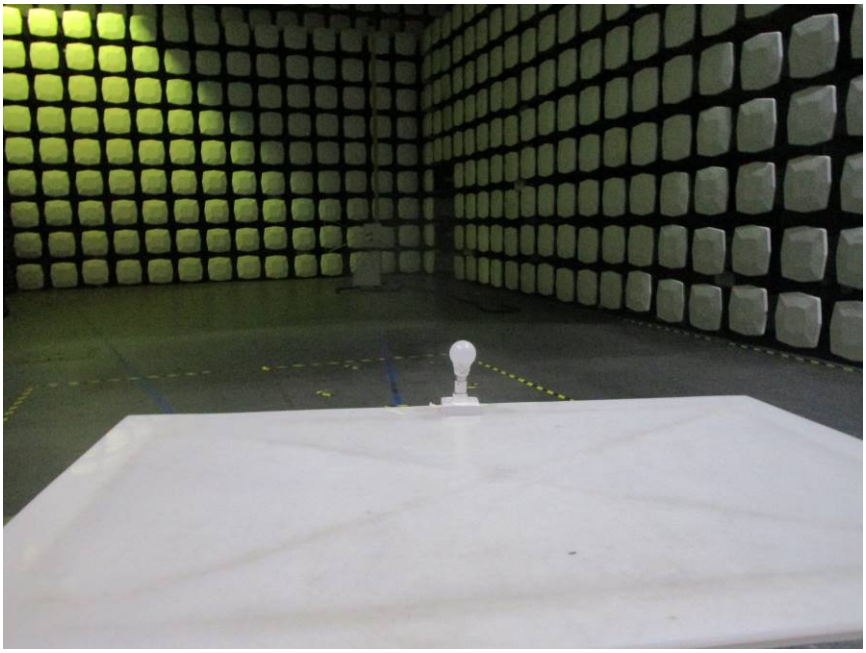


Model A60-9-30/A12J/14/5

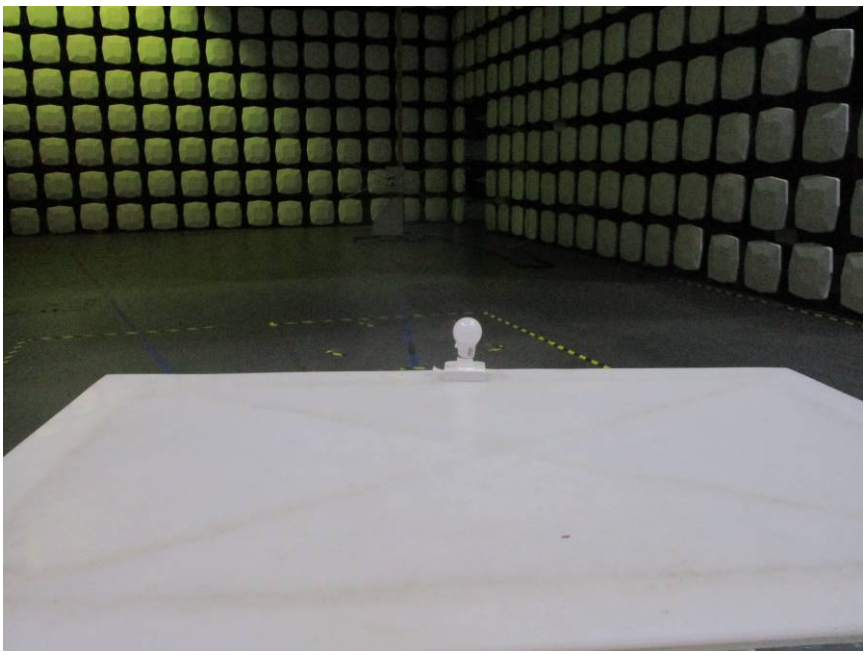


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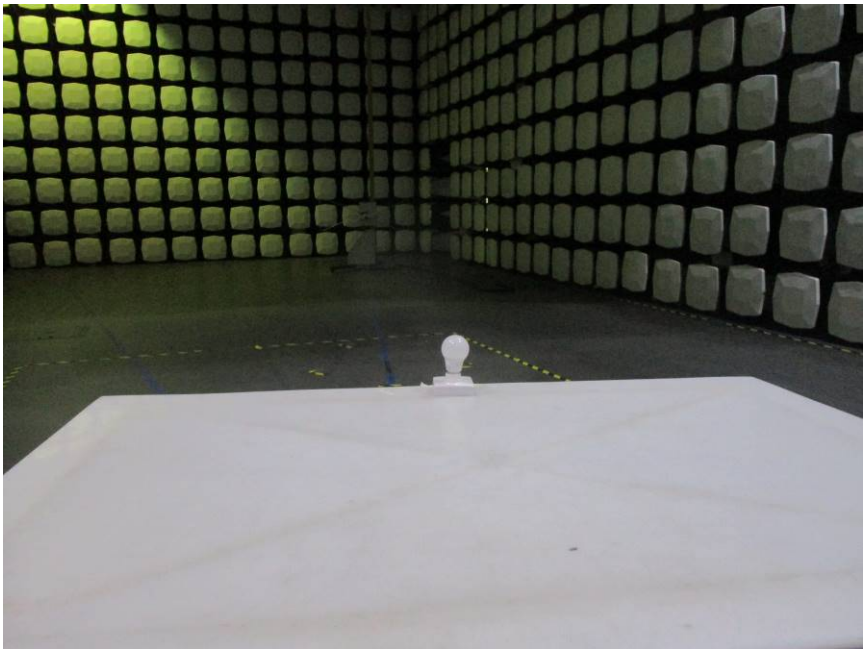
Model A60-5-30/A13J/14/5



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7.2 EUT Constructional Details

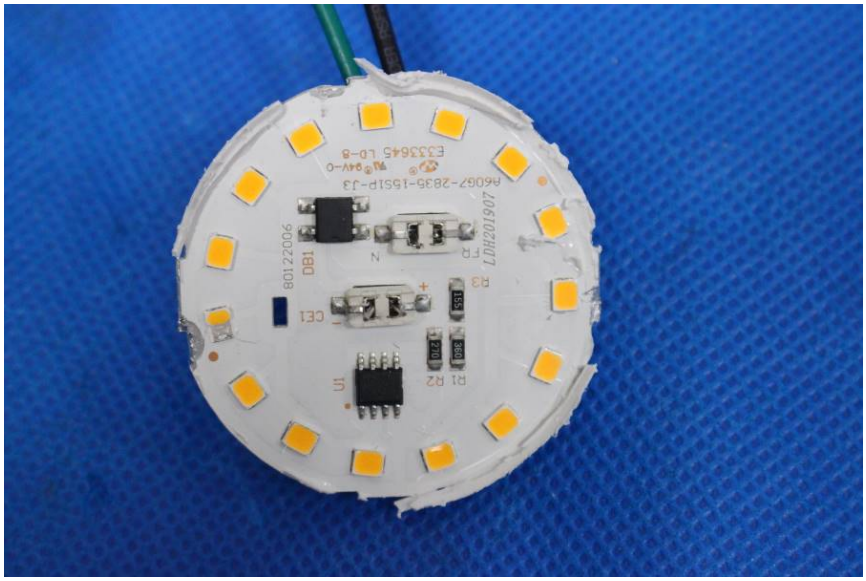
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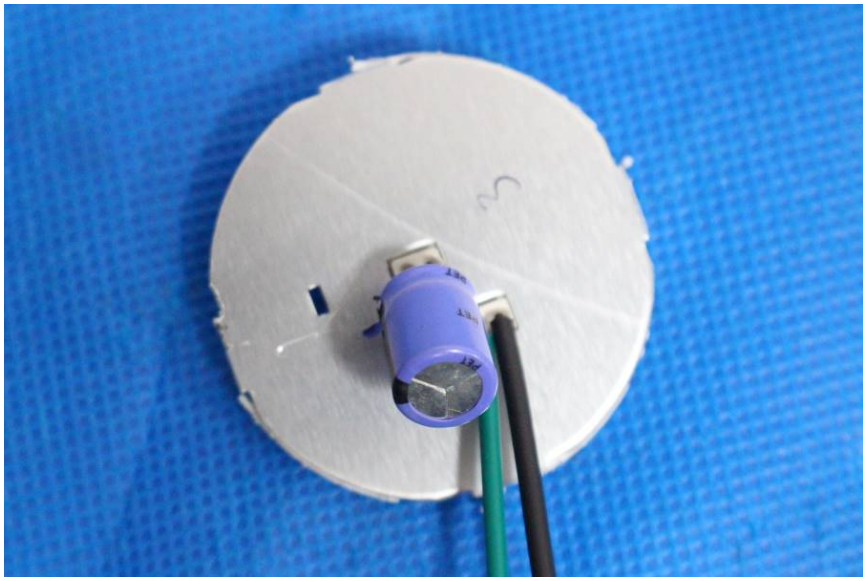


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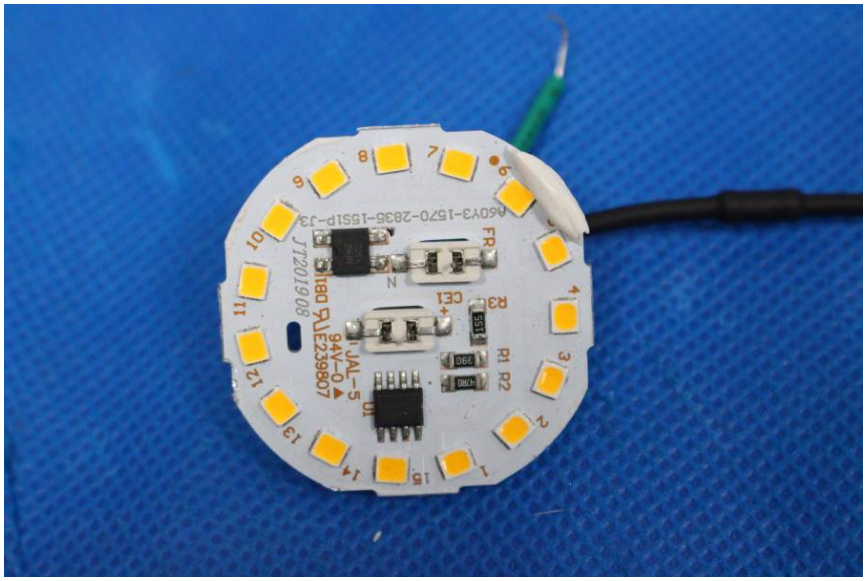
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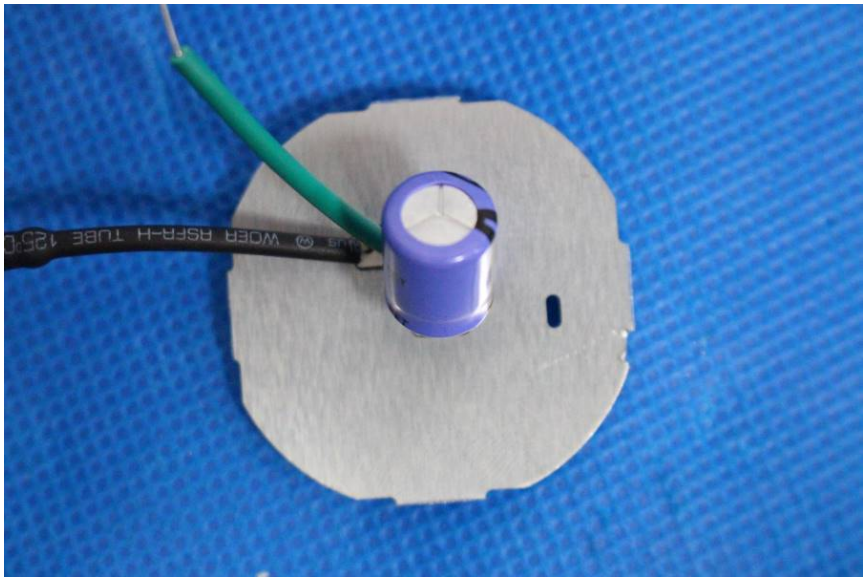


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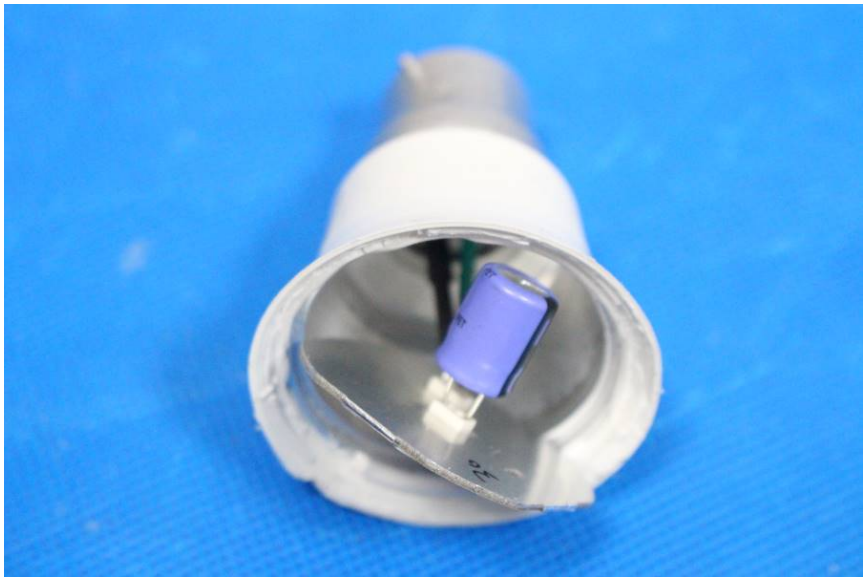
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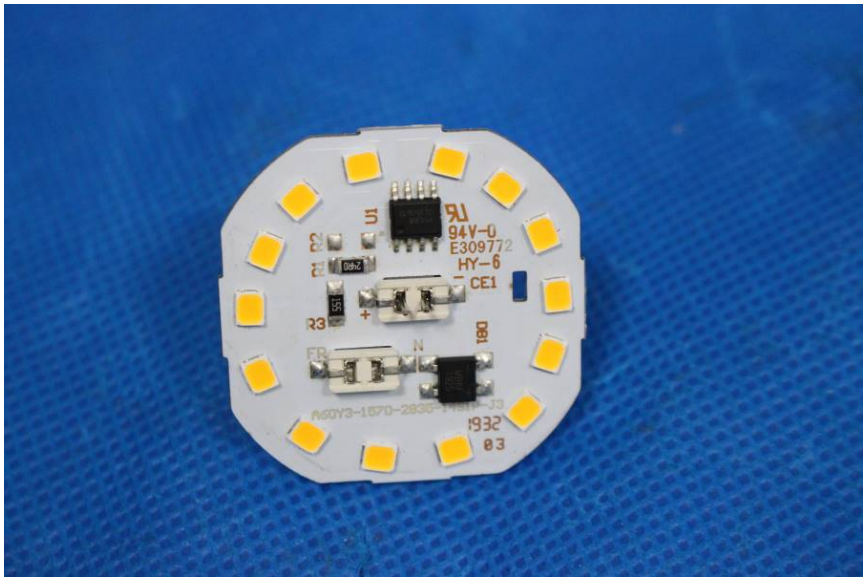
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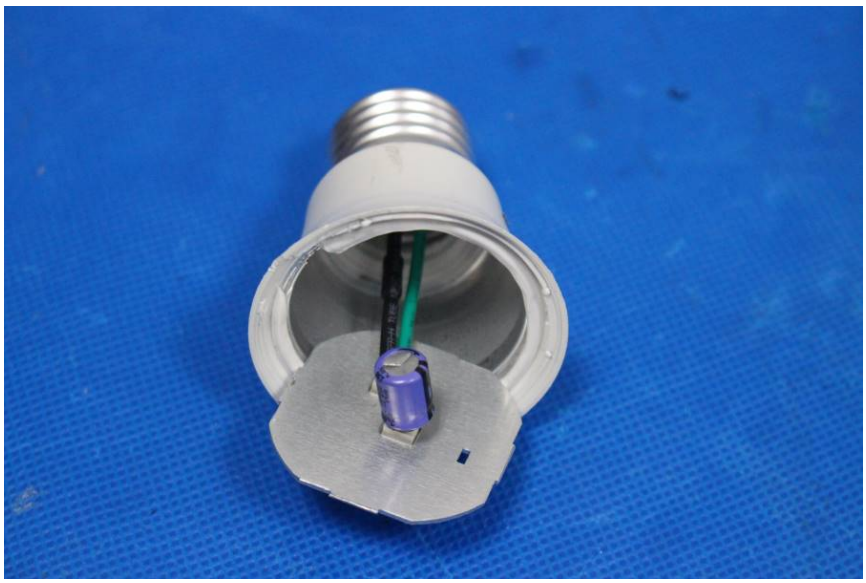
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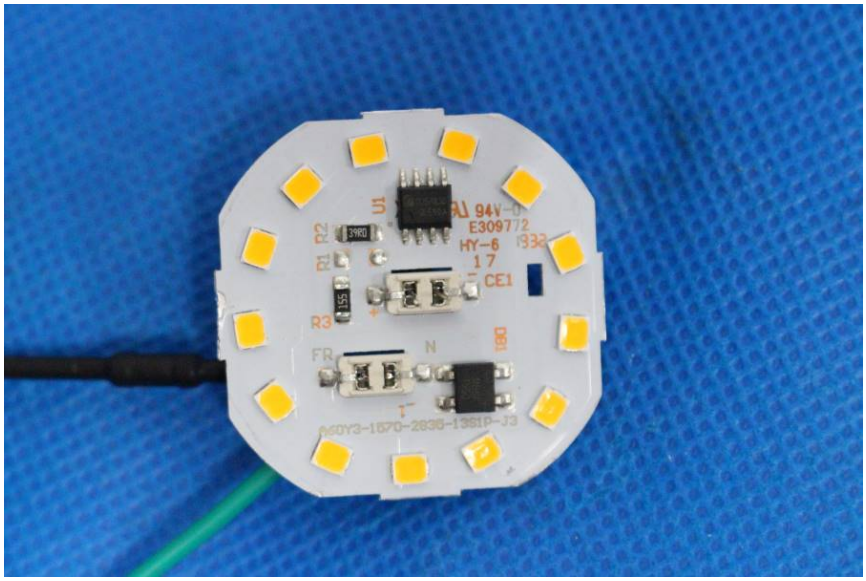




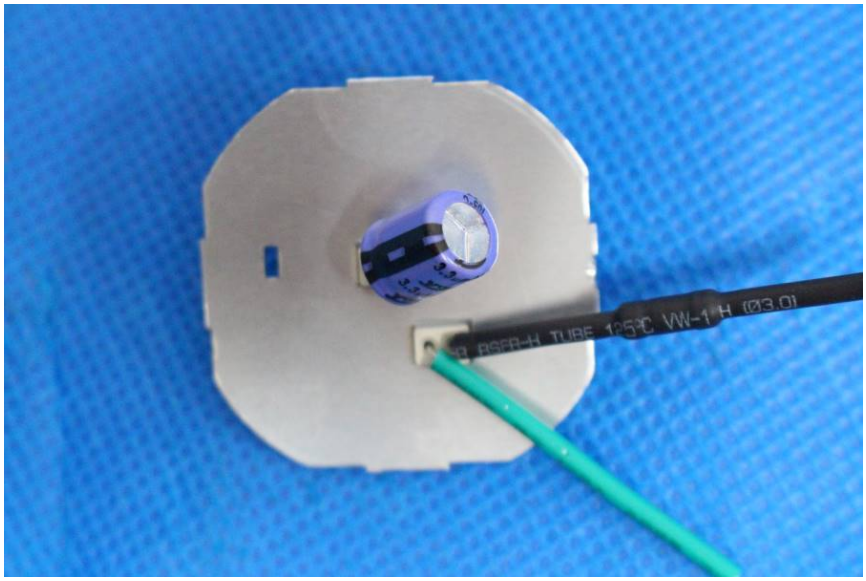
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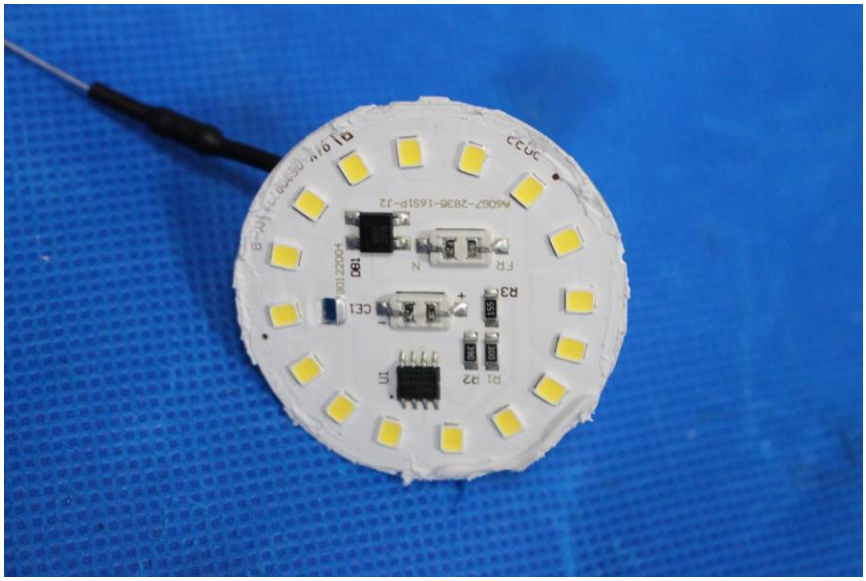
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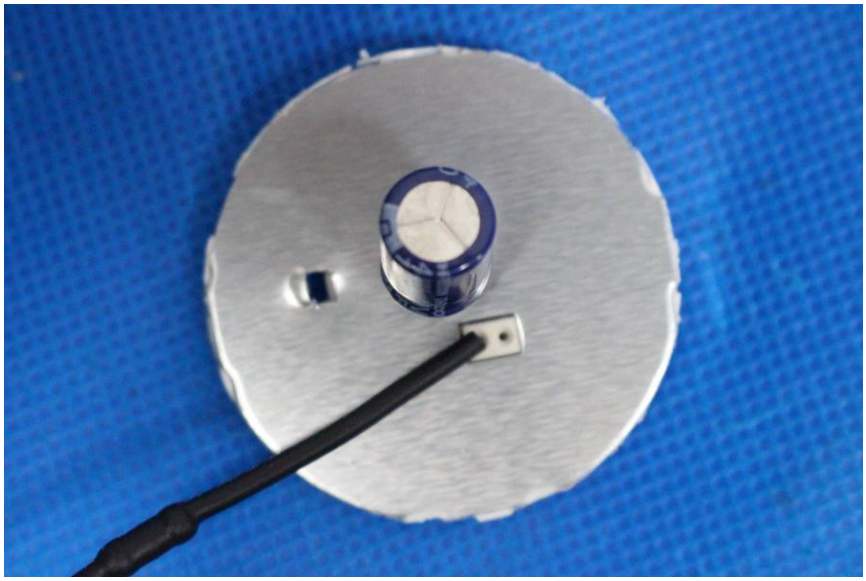




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--End of Report--

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