

Report No.: SHEM230800487801

1 of 28

TEST REPORT

Application No.: SHEM2308004878HS

Applicant: Ningbo Jinchang Electronics Co., Ltd.

Address of Applicant: Guangming East Road 17, Ditang Street, Yuyao, Ningbo, 315491 Zhejiang,

Manufacturer: Ningbo Jinchang Electronics Co.,Ltd.

Address of Manufacturer: Guangming East Road 17, Ditang Street, Yuyao, Ningbo, 315491 Zhejiang,

Ningbo Jinchang Electronics Co.,Ltd. Factory:

Address of Factory: Guangming East Road 17, Ditang Street, Yuyao, Ningbo, 315491 Zhejiang,

Equipment Under Test (EUT):

EUT Name: Grill

Model No.: Refer to page 2

Remark: Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

EN IEC 55014-1: 2021 Standard(s):

EN IEC 61000-3-2: 2019+A1:2021

EN 61000-3-3: 2013+ A1:2019+A2:2021

EN IEC 55014-2: 2021

Date of Receipt: 2023-08-01

2023-08-01 to 2023-08-02 **Date of Test:**

2023-08-09 Date of Issue:

Pass* Test Result:

Parlam Zhan



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



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Model No.:

BQ228-C,GTGE 2000 A1,BQ228-A,BQ228-AF,BQ228-B,BQ228-BF,BQ1601,BQ1601F,BQ1601P,BQ1601A,BQ1601AF,BQ1601-S,BQ1601P-S,BQ1601-SF,BQ1601P-SF,BQ1803,BQ1902,BQ2001,BQ2002,BQ2003,BQ238,BQ248,BQ228-AS,BQ228-ASF,BQ228-BS,BQ228-BSF,BQ1703XL,BQ1703XLP,BQ1703XL-F,BQ1703XLP-F,BQ1703XLP-W,BQ1703XLP-W,BQ1703XLP-WG,BQ1703XLP-WG,BQ1703XLP-S,BQ1703XLP-S,BQ1703XLP-SF,BQ1703XLP-SF,BQ1703XL-SWG,BQ1703XLP-SWG,BQ1703XL-S-IPX4,BQ1703XLP-S-IPX4,BQ1703XLP-S-IPX4,BQ1703XLP-S-IPX4,BQ1703XL-S-IPX4,BQ1703XLP-S-IPX4,BQ1703XLP-S-IPX4,BQ1703XLP-S-IPX4,BQ1803-W,BQ1803-WG,BQ1803-SF,BQ1803-SW,BQ1803-SWG,BQ1803-SF,BQ1803-SW,BQ1803-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWG,BQ1703XLX-SWF,BQ1703XLX-SWF,BQ1803-S,BQ1803-SWF,BQ1902-S,BQ1902-SW,BQ1902-W,BQ1902-WG,BQ1902-SWG,BQ231,BQ2201,BQ2201-S



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	Revision Record				
Version	Description	Date	Remark		
00	Original	2023-08-09	/		

Authorized for issue by:			
	le Xi		
	Leo Xu/Project Engineer	-	
	Jun Xu		
	Jim Xu/Reviewer	-	



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2 **Test Summary**

Emission Part	•			
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Mains Power Port (150kHz-30MHz)		CISPR 16-2-1	Table 5	Pass
Disturbance Power	EN IEC 55014-1: 2021	CISPR 16-2-2	Table 7 & 8	Pass
Discontinuous Disturbance (150kHz- 30MHz)		EN IEC 55014-1: 2021	Clause 4.4.2	Pass
Harmonic Current Emission	EN IEC 61000-3-2: 2019+A1:2021	EN IEC 61000-3-2: 2019+A1:2021	Class A	Pass
Voltage Fluctuations and Flicker	EN 61000-3-3: 2013+ A1:2019+A2:2021	EN 61000-3-3: 2013+ A1:2019+A2:2021	Clause 5	Pass

Electromagnetic Susceptibility (EMS)				
Item	Standard	Method	Requirement	Result
Immunity	EN IEC 55014-2:2021	N/A	N/A	N/A*

N/A: Not applicable

N/A*: Please refer to Section 7 of this report for details.

There is no EMS test requirement, since the EUT belongs to Category I of EN IEC 55014-2:2021.

Note: There are series models mentioned in this report and they are the similar in electrical and electronic characters. Only the model BQ231 was tested since their differences were model number and accessories.



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General Information

Details of E.U.T.

Power supply:	230V~, 50Hz, 2200W
Test Voltage:	AC 230V 50Hz
Maximum Clock Frequency:	N/A. No PCB

4.2 Description of Support Units

The EUT has been tested as an independent unit.

4.3 Measurement Uncertainty & Decision Rule **Measure Uncertainty:**

Took Itom	Eros Dongo	Measurement Uncertainty	
Test Item	Freq. Range	U LAB	U CISPR
Radiated Emission	30~1000MHz	4.6dB	6.3dB
Conducted Emission	0.15~30MHz	2.8dB	3.4dB
Disturbance Power	30~300MHz	2.6dB	4.5dB

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

Decision Rule:

CISPR 16-4-2 for emission measurements is as below described.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

 U_{LAB} less than U_{CISPR} , therefore:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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4.4 Test Location

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Tel: +86 21 6191 5666 Fax: +86 21 6191 5678

Sub-contracted at:

Ningbo Drotek Testing Service Co., Ltd.

Building 18 and 2 / F North of R&D Center, No. 518, Xinmei Road, High-tech Zone, Ningbo City,

Zhejiang Province, R.P. China

Note:

- 1. SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc.) is provided by the applicant. (if applicable).
- 2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).

4.5 Deviation from Standards

None

4.6 Abnormalities from Standard Conditions

None

4.7 Monitoring of EUT for All Immunity Test

Visual: Working status of EUT.



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Equipment List 5

Conduc	Conducted Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due
1	EMI Test Receiver	ROHDE & SCHWARZ	ESR	102969	2023.07.15	2024.07.14
2	LISN	ROHDE & SCHWARZ	ENV 216	102835	2023.07.15	2024.07.14
3	Cable	H&S/Swiss	CBL-RE-18	NBZT001- E-36	2023.07.15	2024.07.14

Disturba	Disturbance power					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due
1	EMI Test Receiver	ROHDE & SCHWARZ	ESR	102969	2023.07.15	2024.07.14
2	Absorbing Clamp	Schwarzbeck /Germany	MDS 21C	00025	2023.07.15	2024.07.14

Discont	Discontinuous Disturbance(150kHz-30MHz)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
1	Digital Discontinuous Analyzer	AFJ	DIA1512D	21001	2023.04.02	2024.04.01
2	LISN	ROHDE & SCHWARZ	ENV 216	102835	2023.07.15	2024.07.14

Harmor	Harmonic Current/ Voltage Fluctuation and Flicker					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due
1	Harmonic current and voltage scintillation measurement system	CI /USA	5001iX-CTS- 400-413	NBZT001- E-15	2023.07.15	2024.07.14



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6 Emission Test Results

6.1 Conducted Emissions at AC Mains Power Port (150kHz-30MHz)

Test Requirement: EN IEC 55014-1: 2021

Test Method: CISPR 16-2-1

Limit:

0.15M-0.5MHz 66dB(μ V)-56dB(μ V) quasi-peak, 59dB(μ V)-46dB(μ V) average

0.5M-5MHz 56dB(μ V) quasi-peak, 46dB(μ V) average 5M-30MHz 60dB(μ V) quasi-peak, 50dB(μ V) average

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

6.1.1 E.U.T. Operation

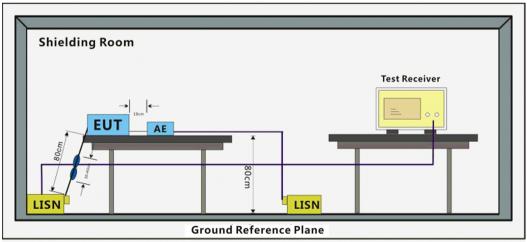
Operating Environment:

Temperature: 23 °C Humidity: 47 % RH Atmospheric Pressure: 1010 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Keep EUT running & heating continual.

6.1.3 Test Setup Diagram





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Measurement Procedure and Data

150kHz to 30MHz Frequency Range:

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. The red line show in graphic is the limit in standard used in this section.

Measured Level = Read level + Cable Loss + LISN Factor



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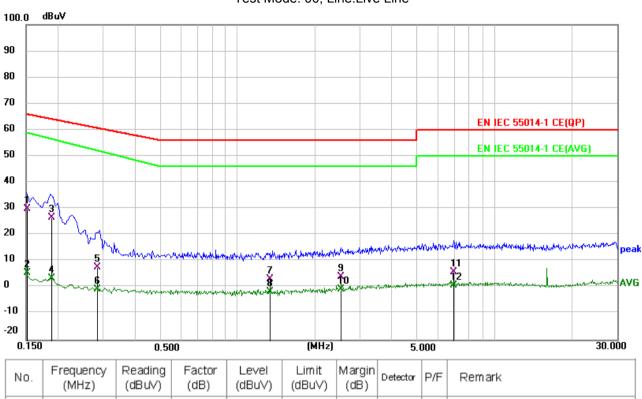
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Test Mode: 00: Line:Live Line



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1518	20.38	9.49	29.87	65.90	-36.03	QP	Р	
2	0.1518	-3.74	9.49	5.75	58.87	-53.12	AVG	Р	
3	0.1884	17.30	9.49	26.79	64.11	-37.32	QP	Р	
4	0.1884	-6.00	9.49	3.49	56.54	-53.05	AVG	Р	
5	0.2832	-1.79	9.50	7.71	60.72	-53.01	QP	Р	
6	0.2832	-10.09	9.50	-0.59	52.14	-52.73	AVG	Р	
7	1.3453	-6.16	9.53	3.37	56.00	-52.63	QP	Р	
8	1.3453	-11.07	9.53	-1.54	46.00	-47.54	AVG	Р	
9	2.5262	-5.42	9.56	4.14	56.00	-51.86	QP	Р	
10	2.5262	-10.14	9.56	-0.58	46.00	-46.58	AVG	Р	
11	6.9618	-3.80	9.72	5.92	60.00	-54.08	QP	Р	
12	6.9618	-8.75	9.72	0.97	50.00	-49.03	AVG	Р	



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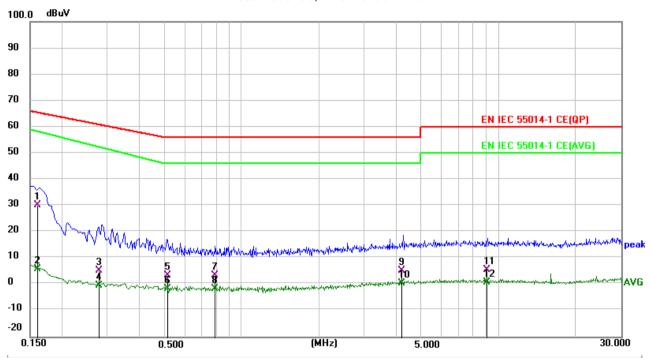
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBu√)	Margin (dB)	Detector	P/F	Remark
1 *	0.1599	20.66	9.46	30.12	65.47	-35.35	QP	Р	
2	0.1599	-3.51	9.46	5.95	58.31	-52.36	AVG	Р	
3	0.2784	-4.17	9.49	5.32	60.86	-55.54	QP	Р	
4	0.2784	-9.88	9.49	-0.39	52.32	-52.71	AVG	Р	
5	0.5149	-6.09	9.51	3.42	56.00	-52.58	QP	Р	
6	0.5149	-11.04	9.51	-1.53	46.00	-47.53	AVG	Р	
7	0.7884	-6.10	9.52	3.42	56.00	-52.58	QP	Р	
8	0.7884	-11.13	9.52	-1.61	46.00	-47.61	AVG	Р	
9	4.2446	-4.22	9.60	5.38	56.00	-50.62	QP	Р	
10	4.2446	-9.11	9.60	0.49	46.00	-45.51	AVG	Р	
11	9.0715	-4.13	9.75	5.62	60.00	-54.38	QP	Р	
12	9.0715	-8.80	9.75	0.95	50.00	-49.05	AVG	Р	



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6.2 Disturbance Power

Test Requirement: EN IEC 55014-1: 2021

Test Method: CISPR 16-2-2

Limit:

30MHz- 300MHz: 45dB(pW)-55dB(pW) quasi-peak, 35dB(pW)-45dB(pW) average

200MHz- 300MHz: 0dB(pW)-10dB(pW) quasi-peak (reduction limit)

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to 300MHz

6.2.1 E.U.T. Operation

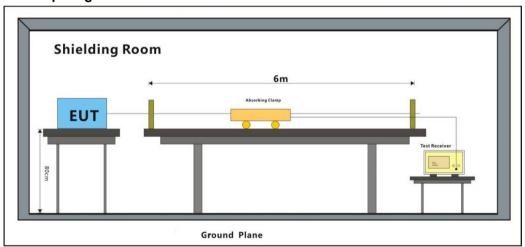
Operating Environment:

Temperature: 23 °C Humidity: 47 % RH Atmospheric Pressure: 1010 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Keep EUT running & heating continual.

6.2.3 Test Setup Diagram



6.2.4 Measurement Procedure and Data

Frequency Range: 30MHz to 300MHz

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. The red line show in graphic is the limit in standard used in this section.

Measured Level = Read level + Cable Loss + Clamp Factor



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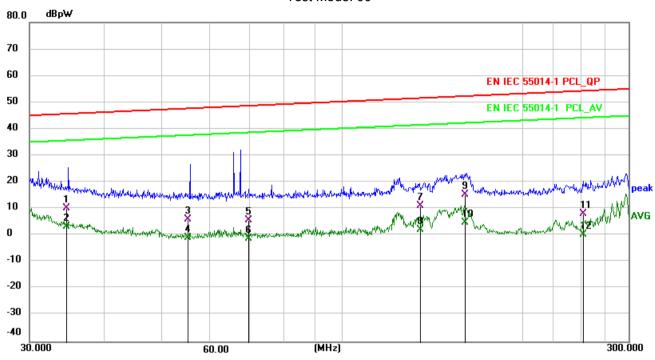
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Test Mode: 00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBpVV)	Limit (dBpW)	Margin (dB)	Detector	Position (cm)	P/F	Remark
1	34.6752	1.52	8.86	10.38	45.63	-35.25	QP		Р	
2 *	34.6752	-5.63	8.86	3.23	35.63	-32.40	AVG		Р	
3	55.1704	-0.33	6.50	6.17	47.65	-41.48	QP		Р	
4	55.1704	-7.43	6.50	-0.93	37.65	-38.58	AVG		Р	
5	69.9077	-1.13	6.96	5.83	48.67	-42.84	QP		Р	
6	69.9077	-8.17	6.96	-1.21	38.67	-39.88	AVG		Р	
7	135.1169	4.81	6.36	11.17	51.54	-40.37	QP		Р	
8	135.1169	-4.07	6.36	2.29	41.54	-39.25	AVG		Р	
9	160.5306	8.72	6.68	15.40	52.28	-36.88	QP		Р	
10	160.5306	-1.77	6.68	4.91	42.28	-37.37	AVG		Р	
11	252.3548	1.06	7.03	8.09	54.25	-46.16	QP		Р	
12	252.3548	-6.54	7.03	0.49	44.25	-43.76	AVG		Р	



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6.3 Discontinuous Disturbance (150kHz-30MHz)

Test Requirement: EN IEC 55014-1: 2021 Test Method: EN IEC 55014-1: 2021

Limit:

Provision		Click Rate (N)	
1	All clicks ≤ 20 ms	90 % click ≤ 10 ms	N≤5
2	N < 0,2	L _q b= La + 44	Clicks c ≤ 25% exceed L _q b
3	30 > N ≥ 0,2	L _q b= La + 20 lg(30/N)	Clicks c ≤ 25% exceed L _q b

- ^a The limits L of Conducted Emissions apply also to discontinuous disturbances from all equipment which produce:
- 1) disturbances other than clicks, or
- 2) clicks with a click rate N equal to or greater than 30
- b The click limit Lq is calculated by increasing the relevant quasi-peak limit L for continuous disturbances by certain value.

The click limit applies to the disturbance assessed according to the upper quartile method

^c a quarter of the number of the clicks registered during the observation time T is allowed to exceed the click limit Lq

6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 47 % RH Atmospheric Pressure: 1010 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Keep EUT running & heating continual.



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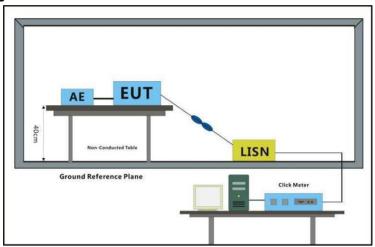
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6.3.3 Test Setup Diagram



6.3.4 Measurement Procedure and Data

Frequency Range: 150kHz to 30MHz



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Test Mode: 00

Test Mode: 00								
	F	Run A		run time= 120	mins	3		
Frequency(MHz)		150kHz		500kHz		1.4MHz	30MHz	
Limit(dBuV)		66		56		56	60	
Short Clicks n1 (≤10ms	5)	1		0		0	0	
Medium Clicks n2 (10-20)	ms)	0		0		0	0	
Long Clicks n3 (20-200n	ıs)	0		0		0	0	
Total(Short+Medium+Long) n=n1+n2+n3		1		0		0	0	
Events(≥200ms)		0.00		0.00		0.00	0.00	
Switching Operation		1						
Factor(f)		/						
Click rates		0.06		0.00		0.00	0.00	
⊠ Click rate N≤5, 90% click	rate d			Oms and all clic mply the limits	k rate	e duration less t	han 20ms shall be	
		Run B		run time= / ı	mins			
Frequency(MHz)		150kHz		500kHz		1.4MHz	30MHz	
Limit(dBuV)	/			1		1	1	
Short Clicks n1 (≤10ms)		1		1		1	1	



Medium+ Long Clicks n2

(10-200ms) Total(Short+Medium+Long) n=n1+n2 Limit=Run A/4

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6.4 Harmonic Current Emission

Test Requirement: EN IEC 61000-3-2: 2019+A1:2021 Test Method: EN IEC 61000-3-2: 2019+A1:2021

E.U.T. Operation 6.4.1

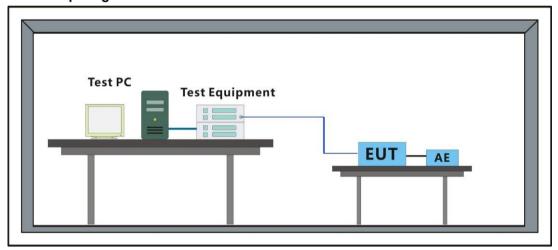
Operating Environment:

Temperature: 24 °C Humidity: 49 % RH Atmospheric Pressure: 1010 mbar

Test Mode Description 6.4.2

Pre-scan / Final test	Mode Code	Description
Final test	00	Keep EUT running & heating continual.

Test Setup Diagram 6.4.3



Measurement Procedure and Data

Frequency Range: 100Hz to 2kHz



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Test Mode: 00

Highest parameter values during test:

V RMS (Volts): 229.90 Frequency (Hz): 50.00 I Peak (Amps): 12.840 I RMS (Amps): 9.055 I Fund (Amps): 9.055 Crest Factor: 1.419 Power (Watts): 2080.8 Power Factor: 1.000

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.004	1.080	N/A	0.005	1.620	N/A	Pass
3	0.022	2.300	N/A	0.026	3.450	N/A	Pass
2 3 4	0.003	0.430	N/A	0.004	0.645	N/A	Pass
5	0.005	1.140	N/A	0.007	1.710	N/A	Pass
5 6 7	0.002	0.300	N/A	0.003	0.450	N/A	Pass
7	0.002	0.770	N/A	0.005	1.155	N/A	Pass
8	0.002	0.230	N/A	0.002	0.345	N/A	Pass
9	0.002	0.400	N/A	0.003	0.600	N/A	Pass
10	0.001	0.184	N/A	0.002	0.276	N/A	Pass
11	0.001	0.330	N/A	0.002	0.495	N/A	Pass
12	0.001	0.153	N/A	0.001	0.230	N/A	Pass
13	0.001	0.210	N/A	0.002	0.315	N/A	Pass
14	0.000	0.131	N/A	0.000	0.197	N/A	Pass
15	0.000	0.150	N/A	0.001	0.225	N/A	Pass
16	0.000	0.115	N/A	0.000	0.173	N/A	Pass
17	0.001	0.132	N/A	0.001	0.198	N/A	Pass
18	0.000	0.102	N/A	0.000	0.153	N/A	Pass
19	0.001	0.118	N/A	0.001	0.178	N/A	Pass
20	0.000	0.092	N/A	0.000	0.138	N/A	Pass
21	0.000	0.107	N/A	0.001	0.161	N/A	Pass
22	0.000	0.084	N/A	0.000	0.125	N/A	Pass
23	0.000	0.098	N/A	0.001	0.147	N/A	Pass
24	0.000	0.077	N/A	0.000	0.115	N/A	Pass
25	0.000	0.090	N/A	0.001	0.135	N/A	Pass
26	0.000	0.071	N/A	0.000	0.107	N/A	Pass
27	0.000	0.083	N/A	0.001	0.125	N/A	Pass
28	0.000	0.066	N/A	0.001	0.099	N/A	Pass
29	0.000	0.078	N/A	0.001	0.116	N/A	Pass
30 31	0.000 0.000	0.061 0.073	N/A N/A	0.000 0.001	0.092 0.109	N/A N/A	Pass
32	0.000	0.073	N/A N/A	0.001	0.109	N/A N/A	Pass
33	0.000	0.038	N/A N/A	0.001	0.000	N/A N/A	Pass Pass
33 34	0.000	0.054	N/A N/A	0.001	0.081	N/A N/A	Pass
35	0.000	0.054	N/A N/A	0.001	0.081	N/A N/A	Pass
36	0.000	0.051	N/A	0.000	0.077	N/A	Pass
37	0.000	0.061	N/A	0.000	0.091	N/A	Pass
38	0.000	0.048	N/A	0.000	0.073	N/A	Pass
39	0.000	0.058	N/A	0.000	0.087	N/A	Pass
40	0.000	0.046	N/A	0.000	0.069	N/A	Pass

N/A:Harmonic currents less than 0.6% of the input current measured under the test conditions, or less than 5mA, whichever is greater, are disregarded.



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Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.079	0.460	17.08	OK
3	0.637	2.069	30.79	OK
4	0.056	0.460	12.20	OK
5	0.140	0.919	15.18	OK
6	0.058	0.460	12.54	OK
7	0.062	0.690	8.92	OK
8	0.059	0.460	12.85	OK
9	0.046	0.460	9.99	OK
10	0.037	0.460	7.99	OK
11	0.034	0.230	14.77	OK
12	0.012	0.230	5.08	OK
13	0.017	0.230	7.22	OK
14	0.005	0.230	2.34	OK
15	0.010	0.230	4.19	OK
16	0.008	0.230	3.34	OK
17	0.015	0.230	6.72	OK
18	0.007	0.230	2.99	OK
19	0.013	0.230	5.78	OK
20	0.009	0.230	3.79	OK
21	0.010	0.230	4.16	OK
22	0.004	0.230	1.59	OK
23	0.008	0.230	3.63	OK
24	0.005	0.230	1.97	OK
25	0.005	0.230	2.16	OK
26	0.003	0.230	1.29	OK
27	0.008	0.230	3.68	OK
28	0.004	0.230	1.93	OK
29	0.005	0.230	2.27	OK
30	0.002	0.230	1.00	OK
31	0.003	0.230	1.46	OK
32	0.004	0.230	1.53	OK
33	0.005	0.230	2.32	OK
34	0.003	0.230	1.22	OK
35	0.005	0.230	1.97	OK
36	0.003	0.230	1.34	OK
37	0.003	0.230	1.28	OK
38	0.003	0.230	1.16	OK
39	0.003	0.230	1.39	OK
40	0.005	0.230	2.00	OK



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6.5 Voltage Fluctuations and Flicker

Test Requirement: EN 61000-3-3: 2013+ A1:2019+A2:2021 Test Method: EN 61000-3-3: 2013+ A1:2019+A2:2021

6.5.1 E.U.T. Operation

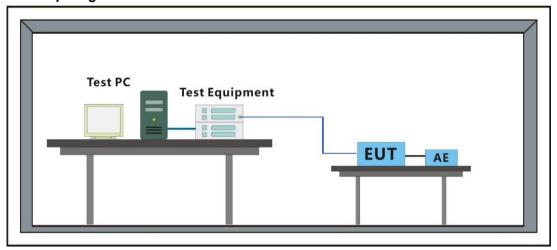
Operating Environment:

Temperature: 24 Humidity: Atmospheric Pressure: 1010 mbar 49 % RH

6.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Keep EUT running & heating continual.

6.5.3 Test Setup Diagram



6.5.4 Measurement Procedure and Data

Test Mode: 00

Vrms at the end of test (Volt): 229.81

Highest dt (%): Test limit (%): T-max (mS): Test limit (mS): 0

Highest dc (%): **Pass** 0.00 Test limit (%): 3.30 Highest dmax (%): 0.00 Test limit (%): 4.00 **Pass** Highest Pst (10 min. period): 0.201 Test limit: 1.000 Pass Highest Plt (2 hr. period): Test limit: 0.088 0.650 **Pass**



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500.0

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Pass



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7 Electromagnetic Susceptibility Test Results

Test Requirement: EN IEC 55014-2:2021

Test Method: N/A

Remark: There is no need for immunity tests to be performed on this product in accordance with clause 7.2.2 of EN IEC 55014-2 which states:

"Category I equipment is deemed to comply with the immunity requirements of this document without testing."

For further details, please refer to clause 4.2 of EN IEC 55014-2 which states:

"Category I: equipment containing no electronic control circuitry.

EXAMPLES Appliances, tools and toys that contain no electronic control circuits and only electromechanical components such as switches, thermostats, brush motors, induction motors, heating elements, lighting toys containing only batteries and LED.

Electrical circuits consisting of passive components (such as radio interference suppression capacitors or inductors, mains transformers, mains frequency rectifiers) are not considered to be electronic control circuitry."



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to the fullest extent of the law, Unless of the sample(s) are retained for 30 days only.

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Test Setup Photo

Conducted Emissions at AC Mains Power Port (150kHz-30MHz)



Disturbance Power





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Discontinuous Disturbance (150kHz-30MHz)



Harmonic Current Emission





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Voltage Fluctuations and Flicker





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EUT Constructional Details (EUT Photos) 9







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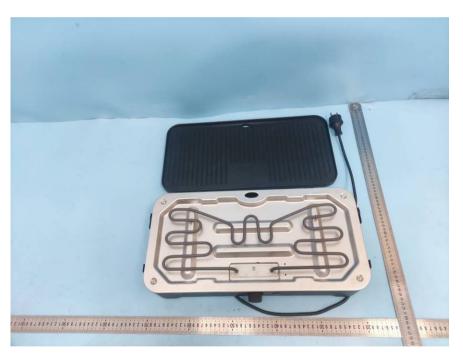
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