

# TEST REPORT

## CERTIFICATION OF COMPLIANCE

Date of Issue: September 08, 2024

Test Report No: CW011252-240920001\_01

Test Site: LG Electronics H&A EMC Standard Lab.

**Applicant:** LG Electronics USA, Inc.  
111 Sylvan Avenue North Building  
Englewood Cliffs, NJ 07632

**Product Type:** HOUSEHOLD COOKTOP

**Brand Name(s):** LG

**Model Name :** CBIS3618BE (See 2.1 for Series model names)

**Equipment Class:** Industrial, Scientific and Medical equipment

**Regulation:** FCC Part 18

**Test Procedure:** MP-5: 1986

**Date of Receipt:** Sep. 9. 2024

**Date of Test:** Sep. 20. 2024 ~ Sep. 24. 2024

**FCC ID:** BEJQ50941G

This device has been verified to comply with the applicable requirements in the FCC Part 18 and was tested in accordance with the measurement procedures specified in MP-5: 1986.

I assure full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

*Note 1: This report apply only to the specific sample(s) tested under stated test conditions.*

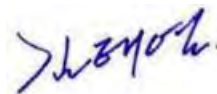
*Note2: This report is the confidential property of the client. As a mutual protection to our clients, the public and ourselves, extracts from the test report shall not be reproduced except in full without our written approval.*

Tested by:



Ha Min Ho / Test Engineer  
H&A EMC Standard Lab., LG Electronics Inc..

Reviewed by:



Kim Tae Yul / Technical Manager  
H&A EMC Standard Lab., LG Electronics Inc.

## LG Electronics H&A EMC Standard Lab.

170, Seongsanpaechong-ro, Seongsan – Gu, Changwon-si, Gyeongsangnam-do, 51533, Republic of Korea  
Tel: + 82 55 260 3966

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## 1. General Information

### 1.1 Client Information

The EUT has been tested by request of:

Applicant:	LG Electronics USA, Inc.
Address	111 Sylvan Avenue, North Building Englewood Cliffs, NJ 07632
Manufacturer:	LG Electronics Inc
Address	170, Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51533, Republic of KOREA
Name of contact:	Hee Jae.Cho
Telephone:	+82-55-260-3463

### 1.2 Test facility

We are the accredited EMC laboratory by RRA(KOREA).

We certify that the above products had performed test on our laboratory and it was confirmed to comply with FCC requirement.

The site are constructed in conformance with the requirements of CISPR publication 16/ANSI C63.4

The test was performed accordance to the procedures from FCC/OET MP-5.

Name and Address:	LG Electronics H&A EMC Standard Lab. 170, Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51533, Republic of KOREA
RRA Registration No.	KR0152
Telephone:	+82-55-260-3966
E-mail	Minho.ha@lge.com

## 2. Product Information

### 2.1 Description of EUT.

EUT is the LG Electronics Inc. Microwave Oven as followings:

Equipment:	HOUSEHOLD COOKTOP
Model:	CBIS3618BE
Additional Model Name	CBIS3618B*
Brand name:	LG Electronics.
Serial number:	N/A
Rated Input Voltage:	208/240 VAC , 60 Hz
Max Input Current	44.4 A / 41.6 A
Maximum Power Load	10650 W / 8650 W
Outer Dimensions (inch)	36 5/8" x 3 9/16" x 21 1/16" (W x H x D)

#### Cooking Zone Size & Power

Cooking Zones	Position	Size	Power (Level 9 / Boost)
	Front Left	8 1/2" x 7 1/8" (216 mm x 180 mm)	1500/3000 W (208 V) 1850/3700 W (240 V)
	Front Right	8 3/16" (208 mm)	1500/3000 W (208 V) 1850/3700 W (240 V)
	Rear Left	8 1/2" x 7 1/8" (216 mm x 180 mm)	1500/3000 W (208 V) 1850/3700 W (240 V)
	Rear Right	6" (152 mm)	1150/1450 W (208 V) 1400/1800 W (240 V)
	Flex Left	8 1/2" x 14 3/16" (216 mm x 360 mm)	2700/3000 W (208 V) 3300/3700 W (240 V)
	Center	11" / 8" (283 mm / 178 mm)	Inner Burner: 1500/3000 W (208 V) 1850/3700 W (240 V) Dual Burner: 3000/4900 W (208 V) 3700/6000 W (240 V)

Model CBIS3618B\* are identical except for the model name according to Buyer Market.  
Model CBIS3618BE is worst condition, therefore tested representatively for the below mentioned series models

CBIS3618B*		
Variable	Range of variable	Content
1st *	A – Z or Blank	Buyer Market

### 3. Description of tests

#### 3.1 Test Condition.

The EUT was installed, arranged and operated in a manner that is most representative of equipment as typically used.

The measurements were carried out while varying operating modes and cable positions within typically arrangement to determine maximum emission level.

The representative and worst test mode(s) were noted in the test report.

- Test Voltage / Frequency: AC 208 V / 240 V, 60 Hz
- Operating condition during the test(s) :  
 This device has been tested in the configurations of Induction mode  
 Induction mode: This device has been operated with an enameled steel vessel filled with tap water up to 80 % of its maximum capacity and worst values is measured in booster mode & Wi-Fi on.  
 cooking element "1" = rear left hob, "2" = front left hob, "3"= center hob,  
 "4"=front right hob, "5"=rear right hob

#### 3.2 Auxiliary Equipment / Cable List

##### 3.2.1 Auxiliary Equipment

Description	Manufacturer	Model Name	S/N & FCC ID.
None	-	-	S/N: - FCC ID.: -

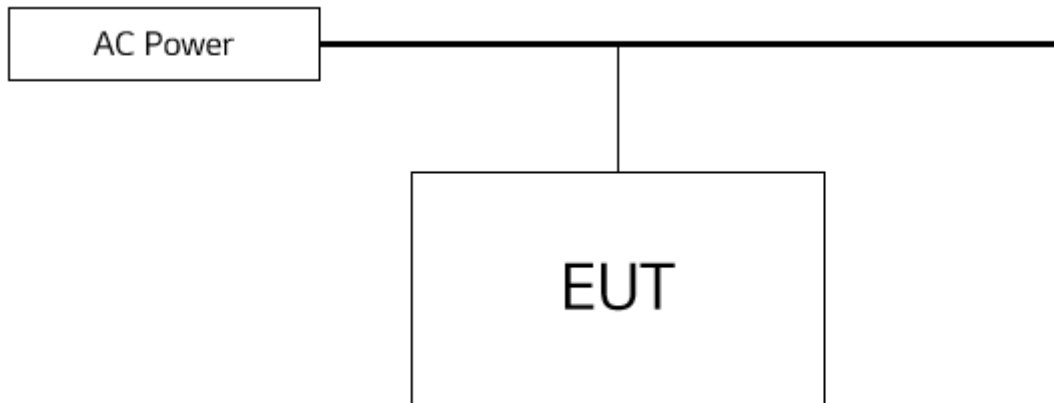
##### 3.2.2 System Configuration

Description	Manufacturer	Model Name	S/N & FCC ID.
WLAN module	LG Electronics	LCW-009	S/N: -. FCC ID.: BEJ-LCW009

##### 3.2.3 Cable List

Start		End		Cable Spec.	
Name	I/O Port	Name	I/O Port	Length	Shield
EUT	AC IN	AC Power Source	-	1.2	Unshield

### 3.3 Test System Layout



#### 4. Summary of Test Results

FCC Part Section(s)	Test Description	Test Result
§18.305	Radiated Emission	Complied
§18.307	Conducted Emission	Complied

#### 5. Conducted Emission

##### 5.1 Operating Environment

Temperature : 24.3 °C  
 Relative Humidity : 43.4 % R.H.  
 Air Pressure : 101.3 kPa

##### 5.2 Test Set-up

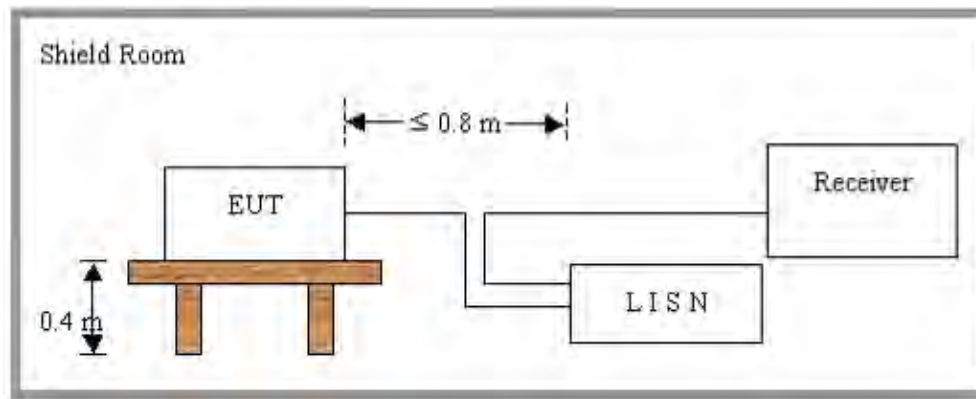
The Power Line disturbance voltage was measured with the equipment under test (EUT) in a shielded room. The EUT was connected to a line impedance stabilization network (LISN) placed on the floor. The EUT was placed on a non-metallic table 0.4 m above the metallic, grounded floor. The distance to other metallic surfaces was at least 0.4 m.

The vertical conducting surface was replaced with horizontal ground plane. Length of the power lead in excess of 80 cm horizontally separating the EUT from LISN was folded back-and-forth form at the center of the power cord not exceeding 40 cm in length.

Each type of accessory provided by manufacturer or typically used and support equipment were connected to the EUT during measurement to the typical usage and applicable as nearly as practicable.

The frequency range of 9 kHz to 30 MHz, Using CISPR Quasi-peak and average detector modes.

The line conducted emission measurement procedure and test configuration is based on MP-5:1986. Amplitude measurements were performed with a quasi-peak detector and, if required, with an average detector.



### 5.3 Measurement Uncertainty

The measurement uncertainty was calculated in accordance with ISO "Guide to the expression of uncertainty in measurement."

The measurement uncertainty was given with a confidence of 95 %.

Test Items	Uncertainty	Remark
Conducted emission (9 kHz ~ 150 kHz)	3.1 dB	Confidence level of approximately 95 % ( $k = 2$ )
Conducted emission (150 kHz ~ 30 MHz)	2.5 dB	Confidence level of approximately 95 % ( $k = 2$ )

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

The listed uncertainties are the worst case uncertainty for the entire range of measurement. please note that the uncertainty values are provided for informational purposes only are not used in determining the PASS/FAIL results.

#### 5.4 Limit

Freq. Range (MHz)	FCC Limit(dB $\mu$ V)	
	Quasi-Peak	Average
0.009 ~ 0.05	110	-
0.05 ~ 0.15	90 ~ 80*	-
0.15 ~ 0.5	66 ~ 56*	56 ~ 46*
0.5 ~ 5	56	46
5 ~ 30	60	50

\*Limits decreases linearly with the logarithm of frequency.

#### 5.5 Test Equipment

Description	Model Name	Manufacturer	Serial Number	Due to Calibration
LISN	ENV432	ROHDE & SCHWARZ	101313	2025-02-20
EMI Receiver	ESR3	ROHDE & SCHWARZ	101758	2025-02-20
Pulse Limiter	ESH3-Z2	ROHDE & SCHWARZ	102095	2025-02-19
Cable	STZ8	SensorView	-	2025-03-02



**5.6 Test data for Conducted Emission**

- Test Date : September. 20, 2024 ~ September. 23, 2024
- Resolution Bandwidth : 200 Hz (9 kHz ~ 0.15 MHz) / 9 kHz (0.15 MHz ~ 30 MHz)
- Frequency Range : 9 kHz ~ 30 MHz
- Line : L1: Live, N: Neutral
- Comment : None

**5.6.1. Operating condition: Cooking element #1**

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																							
Test voltage	208 V, 60 Hz	Measured terminal	L1	<b>P</b>																							
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.036</td> <td>93.4</td> <td>110.0</td> <td>16.6</td> </tr> <tr> <td>0.073</td> <td>74.9</td> <td>86.6</td> <td>11.7</td> </tr> <tr> <td>0.109</td> <td>52.6</td> <td>82.9</td> <td>30.3</td> </tr> <tr> <td>0.145</td> <td>31.8</td> <td>80.3</td> <td>48.5</td> </tr> </tbody> </table> <p>The measured value included and revised all related factor (LISN attenuation, Cable loss)</p>				Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.036	93.4	110.0	16.6	0.073	74.9	86.6	11.7	0.109	52.6	82.9	30.3	0.145	31.8	80.3	48.5	
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Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	208 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.186	44.8	64.2	19.4	39.8	54.2	14.4
	0.258	41.2	61.5	20.3	36.5	51.5	15.0
	3.702	31.3	56.0	24.7	24.0	46.0	22.0
	6.194	44.1	60.0	15.9	38.2	50.0	11.8
	18.642	37.5	60.0	22.5	32.9	50.0	17.1
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	208 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.182	49.8	64.4	14.6	44.0	54.4	10.4
	0.478	38.5	56.4	17.9	30.9	46.4	15.5
	3.494	32.3	56.0	23.7	25.0	46.0	21.0
	6.294	42.6	60.0	17.4	35.2	50.0	14.8
	18.502	36.4	60.0	23.6	29.2	50.0	20.8
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>110 dBµV</p> <p>HOB.LIN</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>M1[1] 0.000 s 96.32 dBµV 36.360 kHz</p> <p>Start 9.0 kHz Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase L1</p> <p>Date: 20.SEP.2024 09:19:44</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>110 dBµV</p> <p>HOB.LIN</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>M1[1] 0.000 s 29.68 dBµV 145.480 kHz</p> <p>Start 9.0 kHz Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase N</p> <p>Date: 20.SEP.2024 09:08:12</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>M1[1] 0.000 s 51.63 dBµV 6.126000 MHz</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase L1</p> <p>Date: 20.SEP.2024 11:25:38</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>M1[1] 0.000 s 51.67 dBµV 6.294000 MHz</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase N</p> <p>Date: 20.SEP.2024 11:36:37</p>				

**5.6.2. Operating condition: Cooking element #2**

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																							
Test voltage	208 V, 60 Hz	Measured terminal	L1	<b>P</b>																							
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Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	208 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.186	49.0	64.2	15.2	43.1	54.2	11.1
	0.494	37.6	56.1	18.5	31.2	46.1	14.9
	3.686	42.7	56.0	13.3	37.7	46.0	8.3
	6.898	44.6	60.0	15.4	38.4	50.0	11.6
	18.426	35.9	60.0	24.1	28.8	50.0	21.2
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	208 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.174	56.8	64.8	8.0	51.1	54.8	3.7
	0.242	50.2	62.0	11.8	44.4	52.0	7.6
	3.730	42.3	56.0	13.7	36.8	46.0	9.2
	6.194	44.2	60.0	15.8	35.9	50.0	14.1
	9.574	40.3	60.0	19.7	32.6	50.0	17.4
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>110 dBµV</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>10 kHz</p> <p>9.0 kHz</p> <p>TF</p> <p>150.0 kHz</p> <p>M1[1] 0.000 s</p> <p>94.60 dBµV</p> <p>36.920 kHz</p> <p>HOB.LIN</p> <p>Start 9.0 kHz Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Front &amp; Phase L1</p> <p>Date: 20.SEP.2024 09:34:42</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>110 dBµV</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>10 kHz</p> <p>9.0 kHz</p> <p>TF</p> <p>150.0 kHz</p> <p>M1[1] 0.000 s</p> <p>95.73 dBµV</p> <p>36.600 kHz</p> <p>HOB.LIN</p> <p>Start 9.0 kHz Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Front &amp; Phase N</p> <p>Date: 20.SEP.2024 09:45:43</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 50.70 dBµV 0.000 s 186.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Left Front &amp; Phase L1 Date: 20.SEP.2024 11:58:22</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 49.15 dBµV 0.000 s 182.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Left Front &amp; Phase N Date: 20.SEP.2024 11:47:55</p>				



**5.6.3. Operating condition: Cooking element #3**

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																							
Test voltage	208 V, 60 Hz	Measured terminal	L1	<b>P</b>																							
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.035</td> <td>84.7</td> <td>110.0</td> <td>25.3</td> </tr> <tr> <td>0.069</td> <td>84.0</td> <td>87.1</td> <td>3.1</td> </tr> <tr> <td>0.104</td> <td>61.5</td> <td>83.3</td> <td>21.8</td> </tr> <tr> <td>0.138</td> <td>49.4</td> <td>80.8</td> <td>31.4</td> </tr> </tbody> </table> <p>The measured value included and revised all related factor (LISN attenuation, Cable loss)</p>				Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.035	84.7	110.0	25.3	0.069	84.0	87.1	3.1	0.104	61.5	83.3	21.8	0.138	49.4	80.8	31.4	
Frequency [MHz]	Quasi-Peak																										
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																								
0.035	84.7	110.0	25.3																								
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Test voltage	208 V, 60 Hz	Measured terminal	N	<b>P</b>																							
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Frequency [MHz]	Quasi-Peak																										
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Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	208 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.174	55.1	64.8	9.7	49.4	54.8	5.4
	0.242	48.6	62.0	13.4	43.0	52.0	9.0
	0.490	38.3	56.2	17.9	29.6	46.2	16.6
	3.838	37.9	56.0	18.1	31.9	46.0	14.1
	6.082	43.3	60.0	16.7	34.5	50.0	15.5
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	208 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.174	56.8	64.8	8.0	51.1	54.8	3.7
	0.242	50.2	62.0	11.8	44.4	52.0	7.6
	3.730	42.3	56.0	13.7	36.8	46.0	9.2
	6.194	44.2	60.0	15.8	35.9	50.0	14.1
	9.574	40.3	60.0	19.7	32.6	50.0	17.4
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB.LIN 100 dBµV 90 dBµV 85.84 dBµV M1[1] 0.000 s 69.160 kHz 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Center &amp; Phase L1 Date: 20.SEP.2024 10:11:30</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB.LIN 100 dBµV 90 dBµV 86.34 dBµV M1[1] 0.000 s 69.640 kHz 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Center &amp; Phase N Date: 20.SEP.2024 09:59:51</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 55.50 dBµV 0.000 s 174.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Center &amp; Phase L1 Date: 20.SEP.2024 12:13:09</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 57.66 dBµV 0.000 s 174.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Center &amp; Phase N Date: 20.SEP.2024 12:24:21</p>				

5.6.4. Operating condition: Cooking element #4

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																							
Test voltage	208 V, 60 Hz	Measured terminal	L1	<b>P</b>																							
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.036</td> <td>81.4</td> <td>110.0</td> <td>28.6</td> </tr> <tr> <td>0.073</td> <td>73.9</td> <td>86.6</td> <td>12.7</td> </tr> <tr> <td>0.109</td> <td>52.9</td> <td>82.9</td> <td>30.0</td> </tr> <tr> <td>0.146</td> <td>23.7</td> <td>80.2</td> <td>56.5</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.036	81.4	110.0	28.6	0.073	73.9	86.6	12.7	0.109	52.9	82.9	30.0	0.146	23.7	80.2	56.5	<p>The measured value included and revised all related factor (LISN attenuation, Cable loss)</p>		
Frequency [MHz]	Quasi-Peak																										
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Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict																																																	
Test voltage	208 V, 60 Hz		Measured terminal	L1		<b>P</b>																																																
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> <th colspan="3">Average</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.182</td> <td>50.7</td> <td>64.4</td> <td>13.7</td> <td>44.6</td> <td>54.4</td> <td>9.8</td> </tr> <tr> <td>0.486</td> <td>38.1</td> <td>56.2</td> <td>18.1</td> <td>28.4</td> <td>46.2</td> <td>17.8</td> </tr> <tr> <td>3.866</td> <td>34.1</td> <td>56.0</td> <td>21.9</td> <td>27.1</td> <td>46.0</td> <td>18.9</td> </tr> <tr> <td>5.986</td> <td>42.8</td> <td>60.0</td> <td>17.2</td> <td>33.5</td> <td>50.0</td> <td>16.5</td> </tr> <tr> <td>9.718</td> <td>43.2</td> <td>60.0</td> <td>16.8</td> <td>35.5</td> <td>50.0</td> <td>14.5</td> </tr> </tbody> </table> <p>The measured value included and revised all related factor (LISN attenuation, Cable loss)</p>							Frequency [MHz]	Quasi-Peak			Average			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.182	50.7	64.4	13.7	44.6	54.4	9.8	0.486	38.1	56.2	18.1	28.4	46.2	17.8	3.866	34.1	56.0	21.9	27.1	46.0	18.9	5.986	42.8	60.0	17.2	33.5	50.0	16.5	9.718	43.2	60.0	16.8	35.5	50.0	14.5
Frequency [MHz]	Quasi-Peak			Average																																																		
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Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB LIN 100 dBµV 90 dBµV 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV M1 83.79 dBµV M1[1] 0.000 s 36.920 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Front &amp; Phase L1 Date: 20.SEP.2024 10:26:45</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB LIN 100 dBµV 90 dBµV 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV M1 85.33 dBµV M1[1] 0.000 s 36.360 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Front &amp; Phase N Date: 20.SEP.2024 10:38:02</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 47.66 dBµV 0.000 s 9.718000 MHz Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Front &amp; Phase L1 Date: 20.SEP.2024 13:56:44</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 50.15 dBµV 0.000 s 182.000 kHz Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Front &amp; Phase N Date: 20.SEP.2024 13:45:28</p>				



5.6.5. Operating condition: Cooking element #5

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	208 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.041</td> <td>72.5</td> <td>110.0</td> <td>37.5</td> </tr> <tr> <td>0.083</td> <td>65.2</td> <td>85.4</td> <td>20.2</td> </tr> <tr> <td>0.125</td> <td>51.1</td> <td>81.7</td> <td>30.6</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.041	72.5	110.0	37.5	0.083	65.2	85.4	20.2	0.125	51.1	81.7	30.6	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
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The measured value included and revised all related factor (LISN attenuation, Cable loss)																							
Test voltage	208 V, 60 Hz	Measured terminal	N	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.040</td> <td>64.5</td> <td>110.0</td> <td>45.5</td> </tr> <tr> <td>0.080</td> <td>68.9</td> <td>85.7</td> <td>16.8</td> </tr> <tr> <td>0.120</td> <td>46.2</td> <td>82.0</td> <td>35.8</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.040	64.5	110.0	45.5	0.080	68.9	85.7	16.8	0.120	46.2	82.0	35.8	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.040	64.5	110.0	45.5																				
0.080	68.9	85.7	16.8																				
0.120	46.2	82.0	35.8																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	208 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.198	45.9	63.7	17.8	41.7	53.7	12.0
	0.490	38.2	56.2	18.0	29.2	46.2	17.0
	3.830	36.3	56.0	19.7	29.8	46.0	16.2
	6.186	42.7	60.0	17.3	33.6	50.0	16.4
	18.894	37.2	60.0	22.8	30.5	50.0	19.5
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	208 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.202	45.4	63.5	18.1	41.0	53.5	12.5
	0.490	38.3	56.2	17.9	32.0	46.2	14.2
	3.834	37.3	56.0	18.7	32.4	46.0	13.6
	5.990	44.5	60.0	15.5	35.9	50.0	14.1
9.642	39.3	60.0	20.7	31.4	50.0	18.6	
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 47.65 dBµV 0.000 s 202.000 kHz EN55011Q LIN EN55011A LIN Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Rear &amp; Phase L1 Date: 20.SEP.2024 14:10:25</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 45.77 dBµV 0.000 s 202.000 kHz EN55011Q LIN EN55011A LIN Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Rear &amp; Phase N Date: 20.SEP.2024 14:22:31</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	208 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz HOB.LIN M1 M1[1] 0.000 s 79.06 dBµV 39.720 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Rear &amp; Phase L1 Date: 20.SEP.2024 11:04:50</p>				
Test voltage	208 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz HOB.LIN M1 M1[1] 0.000 s 75.53 dBµV 40.120 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Rear &amp; Phase N Date: 20.SEP.2024 10:53:10</p>				

**5.6.6. Operating condition: Cooking element #1**

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	240 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>92.9</td> <td>110.0</td> <td>17.1</td> </tr> <tr> <td>0.076</td> <td>74.2</td> <td>86.2</td> <td>12.0</td> </tr> <tr> <td>0.115</td> <td>56.5</td> <td>82.4</td> <td>25.9</td> </tr> </tbody> </table>				Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.038	92.9	110.0	17.1	0.076	74.2	86.2	12.0	0.115	56.5	82.4	25.9	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.038	92.9	110.0	17.1																				
0.076	74.2	86.2	12.0																				
0.115	56.5	82.4	25.9																				
Test voltage	240 V, 60 Hz	Measured terminal	N	<b>P</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>92.2</td> <td>110.0</td> <td>17.8</td> </tr> <tr> <td>0.075</td> <td>74.6</td> <td>86.3</td> <td>11.7</td> </tr> <tr> <td>0.113</td> <td>55.9</td> <td>82.6</td> <td>26.7</td> </tr> </tbody> </table>				Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.038	92.2	110.0	17.8	0.075	74.6	86.3	11.7	0.113	55.9	82.6	26.7	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.038	92.2	110.0	17.8																				
0.075	74.6	86.3	11.7																				
0.113	55.9	82.6	26.7																				

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	240 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.190	50.3	64.0	13.7	44.7	54.0	9.3
	0.498	39.3	56.0	16.7	31.4	46.0	14.6
	3.474	45.2	56.0	10.8	41.3	46.0	4.7
	5.918	48.1	60.0	11.9	40.9	50.0	9.1
	18.930	35.9	60.0	24.1	31.1	50.0	18.9
Test voltage	240 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.190	47.9	64.0	16.1	42.6	54.0	11.4
	0.498	40.1	56.0	15.9	32.6	46.0	13.4
	3.626	46.9	56.0	9.1	42.1	46.0	3.9
	5.918	52.2	60.0	7.8	46.9	50.0	3.1
	18.706	37.4	60.0	22.6	29.9	50.0	20.1

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan ● 1Pk Max</p> <p>110 dBµV</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>Start 9.0 kHz</p> <p>Stop 150.0 kHz</p> <p>M1[1] 0.000 s 95.60 dBµV 38.60 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase L1</p> <p>Date: 23.SEP.2024 09:10:05</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan ● 1Pk Max</p> <p>110 dBµV</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>Start 9.0 kHz</p> <p>Stop 150.0 kHz</p> <p>M1[1] 0.000 s 94.04 dBµV 38.320 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Left Rear &amp; Phase N</p> <p>Date: 23.SEP.2024 09:22:02</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 53.62 dBµV 0.000 s 190.000 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Left Rear &amp; Phase L1 Date: 20.SEP.2024 14:52:10</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 54.68 dBµV 5.918000 MHz 0.000 s 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Left Rear &amp; Phase N Date: 20.SEP.2024 14:40:35</p>				



5.6.7. Operating condition: Cooking element #2

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	240 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>91.9</td> <td>110.0</td> <td>18.1</td> </tr> <tr> <td>0.075</td> <td>74.4</td> <td>86.3</td> <td>11.9</td> </tr> <tr> <td>0.113</td> <td>57.5</td> <td>82.6</td> <td>25.1</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.038	91.9	110.0	18.1	0.075	74.4	86.3	11.9	0.113	57.5	82.6	25.1	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.038	91.9	110.0	18.1																				
0.075	74.4	86.3	11.9																				
0.113	57.5	82.6	25.1																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							
Test voltage	240 V, 60 Hz	Measured terminal	N	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>91.6</td> <td>110.0</td> <td>18.4</td> </tr> <tr> <td>0.075</td> <td>74.0</td> <td>86.3</td> <td>12.3</td> </tr> <tr> <td>0.113</td> <td>45.1</td> <td>82.6</td> <td>37.5</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.038	91.6	110.0	18.4	0.075	74.0	86.3	12.3	0.113	45.1	82.6	37.5	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.038	91.6	110.0	18.4																				
0.075	74.0	86.3	12.3																				
0.113	45.1	82.6	37.5																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	240 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.190	51.7	64.0	12.3	45.8	54.0	8.2
	0.498	39.5	56.0	16.5	32.0	46.0	14.0
	3.954	45.3	56.0	10.7	37.4	46.0	8.6
	6.178	44.2	60.0	15.8	36.3	50.0	13.7
	18.558	36.8	60.0	23.2	29.4	50.0	20.6
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	240 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.194	46.4	63.9	17.5	40.2	53.9	13.7
	0.498	39.8	56.0	16.2	32.6	46.0	13.4
	3.842	44.8	56.0	11.2	38.3	46.0	7.7
	6.102	44.8	60.0	15.2	40.3	50.0	9.7
	18.746	37.0	60.0	23.0	29.5	50.0	20.5
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB.LIN 100 dBµV 90 dBµV 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV M1[1] 0.000 s 93.69 dBµV 38.360 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Left Front &amp; Phase L1 Date: 23.SEP.2024 09:44:47</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB.LIN 100 dBµV 90 dBµV 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV M1[1] 0.000 s 91.06 dBµV 38.600 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Left Front &amp; Phase N Date: 23.SEP.2024 09:33:41</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 50.55 dBµV 0.000 s 190.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Left Front &amp; Phase L1 Date: 20.SEP.2024 15:10:38</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max 2Av Max</p> <p>M1[1] 44.55 dBµV 0.000 s 194.000 kHz</p> <p>EN55011Q LIN</p> <p>EN55011A LIN</p> <p>Start 150.0 kHz Stop 30.0 MHz</p> <p>Measuring...</p> <p>CBIS3618BE Left Front &amp; Phase N Date: 20.SEP.2024 15:21:45</p>				

5.6.8. Operating condition: Cooking element #3

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	240 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.036</td> <td>85.1</td> <td>110.0</td> <td>24.9</td> </tr> <tr> <td>0.072</td> <td>49.2</td> <td>86.7</td> <td>37.5</td> </tr> <tr> <td>0.108</td> <td>58.5</td> <td>83.0</td> <td>24.5</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.036	85.1	110.0	24.9	0.072	49.2	86.7	37.5	0.108	58.5	83.0	24.5	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.036	85.1	110.0	24.9																				
0.072	49.2	86.7	37.5																				
0.108	58.5	83.0	24.5																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							
Test voltage	240 V, 60 Hz	Measured terminal	N	<b>P</b>																			
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Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.036	82.1	110.0	27.9																				
0.071	82.1	86.8	4.7																				
0.106	59.6	83.2	23.6																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	240 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.182	53.2	64.4	11.2	46.8	54.4	7.6
	0.318	48.3	59.8	11.5	42.2	49.8	7.6
	3.722	41.8	56.0	14.2	32.6	46.0	13.4
	6.114	40.5	60.0	19.5	33.8	50.0	16.2
	9.690	35.9	60.0	24.1	29.0	50.0	21.0
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	240 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.182	52.3	64.4	12.1	46.1	54.4	8.3
	0.254	43.1	61.6	18.5	36.3	51.6	15.3
	3.654	43.2	56.0	12.8	32.6	46.0	13.4
	5.282	43.4	60.0	16.6	36.3	50.0	13.7
	18.406	36.6	60.0	23.4	29.2	50.0	20.8
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 110 dBµV HOB LIN M1[1] 0.000 s 93.69 dBµV 38.360 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Left Front &amp; Phase L1 Date: 23.SEP.2024 09:44:47</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 110 dBµV HOB LIN M1[1] 0.000 s 91.06 dBµV 38.600 kHz Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Left Front &amp; Phase N Date: 23.SEP.2024 09:33:41</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPk) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 0.000 s 52.52 dBµV 182.000 kHz EN55011Q LIN EN55011A LIN Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Center &amp; Phase L1 Date: 20.SEP.2024 15:48:08</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPk) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 0.000 s 54.88 dBµV 182.000 kHz EN55011Q LIN EN55011A LIN Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Center &amp; Phase N Date: 20.SEP.2024 15:38:42</p>				



**5.6.9. Operating condition: Cooking element #4**

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	240 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>79.3</td> <td>110.0</td> <td>30.7</td> </tr> <tr> <td>0.076</td> <td>73.4</td> <td>86.2</td> <td>12.8</td> </tr> <tr> <td>0.114</td> <td>55.3</td> <td>82.5</td> <td>27.2</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.038	79.3	110.0	30.7	0.076	73.4	86.2	12.8	0.114	55.3	82.5	27.2	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.038	79.3	110.0	30.7																				
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The measured value included and revised all related factor (LISN attenuation, Cable loss)																							
Test voltage	240 V, 60 Hz	Measured terminal	N	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.039</td> <td>77.8</td> <td>110.0</td> <td>32.2</td> </tr> <tr> <td>0.078</td> <td>73.3</td> <td>86.0</td> <td>12.7</td> </tr> <tr> <td>0.117</td> <td>53.6</td> <td>82.3</td> <td>28.7</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.039	77.8	110.0	32.2	0.078	73.3	86.0	12.7	0.117	53.6	82.3	28.7	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.039	77.8	110.0	32.2																				
0.078	73.3	86.0	12.7																				
0.117	53.6	82.3	28.7																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	240 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.194	49.9	63.9	14.0	44.4	53.9	9.5
	0.494	39.3	56.1	16.8	31.3	46.1	14.8
	3.914	39.9	56.0	16.1	35.1	46.0	10.9
	6.070	44.2	60.0	15.8	36.1	50.0	13.9
10.098	44.2	60.0	15.8	37.1	50.0	12.9	
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	240 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.190	52.6	64.0	11.4	46.6	54.0	7.4
	0.498	40.4	56.0	15.6	33.6	46.0	12.4
	3.926	35.9	56.0	20.1	31.3	46.0	14.7
	6.130	44.3	60.0	15.7	35.5	50.0	14.5
9.974	43.5	60.0	16.5	36.7	50.0	13.3	
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB LIN 100 dBµV 90 dBµV 80 dBµV 79.74 dBµV M1[1] 0.000 s 38.680 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Front &amp; Phase L1 Date: 23.SEP.2024 10:32:32</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 10 kHz 110 dBµV HOB LIN 100 dBµV 90 dBµV 80 dBµV 75.50 dBµV M1[1] 0.000 s 78.280 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 9.0 kHz Stop 150.0 kHz Measuring... CBIS3618BE Right Front &amp; Phase N Date: 23.SEP.2024 10:21:38</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 0.000 s 51.42 dBµV 194.000 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV EN55011Q.LIN EN55011A.LIN TF Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Front &amp; Phase L1 Date: 20.SEP.2024 16:04:49</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 0.000 s 51.96 dBµV 190.000 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV EN55011Q.LIN EN55011A.LIN TF Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Front &amp; Phase N Date: 20.SEP.2024 16:15:59</p>				

5.6.10. Operating condition: Cooking element #5

Measurement table - <i>Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains</i>				Verdict																			
Test voltage	240 V, 60 Hz	Measured terminal	L1	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.041</td> <td>75.9</td> <td>110.0</td> <td>34.1</td> </tr> <tr> <td>0.082</td> <td>66.4</td> <td>85.5</td> <td>19.1</td> </tr> <tr> <td>0.123</td> <td>52.1</td> <td>81.8</td> <td>29.7</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.041	75.9	110.0	34.1	0.082	66.4	85.5	19.1	0.123	52.1	81.8	29.7	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.041	75.9	110.0	34.1																				
0.082	66.4	85.5	19.1																				
0.123	52.1	81.8	29.7																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							
Test voltage	240 V, 60 Hz	Measured terminal	N	<b>P</b>																			
		<table border="1"> <thead> <tr> <th rowspan="2">Frequency [MHz]</th> <th colspan="3">Quasi-Peak</th> </tr> <tr> <th>Disturbance Level [dBuV]</th> <th>Permitted Limit [dBuV]</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>0.040</td> <td>69.9</td> <td>110.0</td> <td>40.1</td> </tr> <tr> <td>0.088</td> <td>55.2</td> <td>84.9</td> <td>29.7</td> </tr> <tr> <td>0.134</td> <td>50.6</td> <td>81.0</td> <td>30.4</td> </tr> </tbody> </table>		Frequency [MHz]	Quasi-Peak			Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	0.040	69.9	110.0	40.1	0.088	55.2	84.9	29.7	0.134	50.6	81.0	30.4	
Frequency [MHz]	Quasi-Peak																						
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin																				
0.040	69.9	110.0	40.1																				
0.088	55.2	84.9	29.7																				
0.134	50.6	81.0	30.4																				
The measured value included and revised all related factor (LISN attenuation, Cable loss)																							

Measurement table - <i>Conducted Emission, 0.15 MHz to 30 MHz, AC mains</i>					Verdict		
Test voltage	240 V, 60 Hz		Measured terminal	L1		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.206	45.2	63.4	18.2	40.9	53.4	12.5
	0.490	38.3	56.2	17.9	32.1	46.2	14.1
	3.810	38.8	56.0	17.2	32.4	46.0	13.6
	6.106	43.4	60.0	16.6	34.7	50.0	15.3
	9.982	40.3	60.0	19.7	32.5	50.0	17.5
The measured value included and revised all related factor (LISN attenuation, Cable loss)							
Test voltage	240 V, 60 Hz		Measured terminal	N		<b>P</b>	
Frequency [MHz]	Quasi-Peak			Average			
	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	Disturbance Level [dBuV]	Permitted Limit [dBuV]	Margin	
	0.206	48.9	63.4	14.5	44.5	53.4	8.9
	0.494	39.1	56.1	17.0	33.2	46.1	12.9
	3.842	38.4	56.0	17.6	30.6	46.0	15.4
	5.934	43.6	60.0	16.4	38.2	50.0	11.8
	9.886	40.0	60.0	20.0	32.8	50.0	17.2
The measured value included and revised all related factor (LISN attenuation, Cable loss)							

Spectral Diagrams - Conducted Emission, 0.09 MHz to 0.15 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>10 kHz</p> <p>110 dBµV</p> <p>HOB LIN</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>M1[1] 76.01 dBµV</p> <p>0.000 s</p> <p>41.480 kHz</p> <p>Start 9.0 kHz</p> <p>Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Right Rear &amp; Phase L1</p> <p>Date: 23.SEP.2024 10:50:24</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver</p> <p>RBW (QPK) 200 Hz MT 2 s CE_Shield Room #4_</p> <p>Input 2 DC Att 10 dB Preamp OFF Step LIN</p> <p>Scan 1Pk Max</p> <p>10 kHz</p> <p>110 dBµV</p> <p>HOB LIN</p> <p>100 dBµV</p> <p>90 dBµV</p> <p>80 dBµV</p> <p>70 dBµV</p> <p>60 dBµV</p> <p>50 dBµV</p> <p>40 dBµV</p> <p>30 dBµV</p> <p>20 dBµV</p> <p>10 dBµV</p> <p>0 dBµV</p> <p>M1[1] 73.80 dBµV</p> <p>0.000 s</p> <p>40.260 kHz</p> <p>Start 9.0 kHz</p> <p>Stop 150.0 kHz</p> <p>Measuring...</p> <p>CBIS3618BE</p> <p>Right Rear &amp; Phase N</p> <p>Date: 23.SEP.2024 11:02:03</p>				

Spectral Diagrams - Conducted Emission, 0.15 MHz to 30 MHz, AC mains				Verdict
Test voltage	240 V, 60 Hz	Measured terminal	L1	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 47.72 dBµV 0.000 s 206.000 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Rear &amp; Phase L1 Date: 20.SEP.2024 16:43:17</p>				
Test voltage	240 V, 60 Hz	Measured terminal	N	P
<p>Receiver RBW (QPK) 9 kHz MT 2 s CE_Shield Room #4_ Input 2 DC Att 10 dB Preamp OFF Step LIN Scan 1Pk Max 2Av Max M1[1] 50.35 dBµV 0.000 s 206.000 kHz 70 dBµV 60 dBµV 50 dBµV 40 dBµV 30 dBµV 20 dBµV 10 dBµV 0 dBµV Start 150.0 kHz Stop 30.0 MHz Measuring... CBIS3618BE Right Rear &amp; Phase N Date: 20.SEP.2024 16:32:08</p>				



## 6. Radiated Emission

### 6.1 Operating Environment

Temperature : 24.6 °C  
Relative Humidity : 43.3 % R.H.  
Air Pressure : 101.9 kPa

### 6.2 Test Set-up

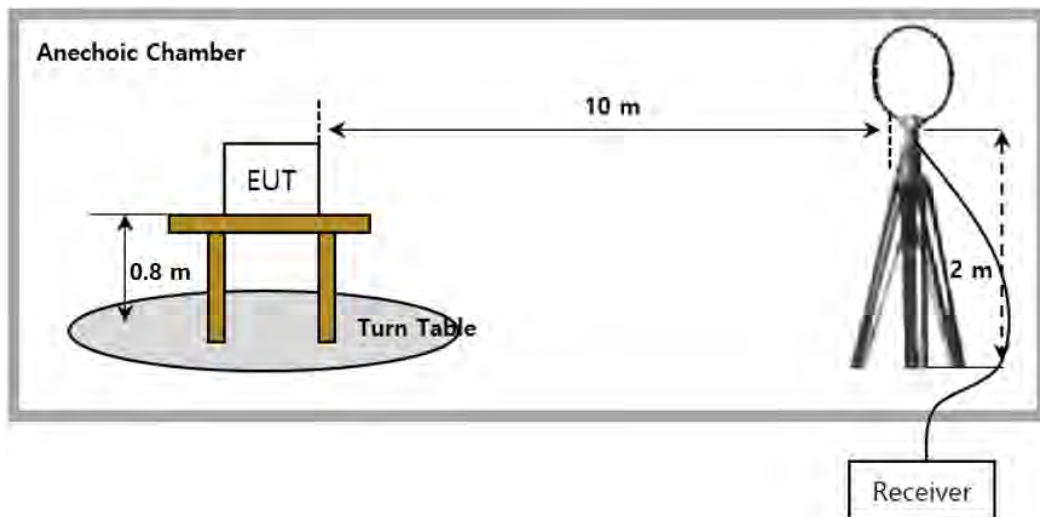
The Radiated emission measurements were conducted at the worst test conditions.  
The measurements of below 1 GHz were made at 10 m Semi Anechoic Chamber.

The frequency range of 9 kHz to 30 MHz, The EUT was placed on a non-conductive turn-table approximately 0.8 m above the ground plane. The turn-table shall rotate 360 degrees to determine the position of maximum emission level. The EUT is set 10 m away from the receiving antenna, which fixed 2 m above the ground plane to find out the highest emission.

And also, each emission was to be maximized by the table was turned from 0 degrees to 360 degrees.

All frequencies were investigated in both horizontal and vertical antenna polarity.

The frequency range of 9 kHz to 30 MHz, The EUT was place on a 0.8 m high non-metallic table.



### 6.3 Measurement Uncertainty

The measurement uncertainty was calculated in accordance with ISO "Guide to the expression of uncertainty in measurement".

The measurement uncertainty was given with a confidence of 95 %.

Test Items	Uncertainty	Remark
Radiated emissions (30MHz ~ 1GHz)	4.7 dB	Confidence level of approximately 95 % ( $k = 2$ )
Radiated emissions (1GHz ~ 4.5GHz)	4.7 dB	Confidence level of approximately 95 % ( $k = 2$ )
Radiated emissions (4.5GHz ~ 18GHz)	4.7 dB	Confidence level of approximately 95 % ( $k = 2$ )

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

The listed uncertainties are the worst case uncertainty for the entire range of measurement. please note that the uncertainty values are provided for informational purposes only are not used in determining the PASS/FAIL results.

### 6.4 Limit

Equipment	Operating frequency	RF Power generated by equipment (watts)	Field strength limit (uV/m)	Distance (meters)
Any type unless otherwise specified (miscellaneous)	Any ISM frequency	Below 500 500 or more	25 $25 \times \text{SQRT}(\text{power}/500)$	300 <sup>1</sup> 300
	Any non-ISM frequency	Below 500 500 or more	15 $15 \times \text{SQRT}(\text{power}/500)$	300 <sup>1</sup> 300
Industrial heaters and RF stabilized arc welders	On or below 5,725 MHz Above 5,725 MHz	Any Any	10 ( <sup>2</sup> )	1,600 ( <sup>2</sup> )
Medical diathermy	Any ISM frequency	Any	25	300
	Any non-ISM frequency	Any	15	300
Ultrasonic	Below 490 kHz	Below 500 500 or more	$2,400/F(\text{kHz})$ $2,400/F(\text{kHz}) \times \text{SQRT}(\text{power}/500)$	300 <sup>3</sup> 300
	490 to 1,600 kHz Above 1,600 kHz	Any Any	$24,000/F(\text{kHz})$ 15	30 30
<b><u>Induction cooking ranges</u></b>	<b><u>Below 90 kHz</u></b> On or above 90 kHz	<b><u>Any</u></b> Any	<b><u>1,500</u></b> 300	<b><u>430</u></b> <sup>4</sup> 30

Note.

1) Field strength may not exceed 10  $\mu\text{V}/\text{m}$  at 1600 meters. Consumer equipment operating below 1000 MHz is not permitted the increase in field strength otherwise permitted here for power over 500 watts.

2) Reduced to the greatest extent possible.

- 3) Field strength may not exceed 10  $\mu\text{V}/\text{m}$  at 1600 meters. Consumer equipment is not permitted the increase in field strength otherwise permitted here for over 500 watts.
- 4) Induction cooking ranges manufactured prior to February 1, 1980, shall be subject to the field strength limits for miscellaneous ISM equipment.

### 6.5 Test Equipment

Description	Model Name	Manufacturer	Serial Number	Due to Calibration
Loop Ant.	HLA6121	TESEQ	45747	2025-07-01
EMI Receiver	ESR3	ROHDE & SCHWARZ	101805	2025-05-08
Cable #1	RG223	Sucoflex	LE253	2025-07-05
Cable #2	Sucoflex 106	Sucoflex	13419/6	2025-07-05

All test equipment used is calibrated on a regular basis.

## 6.6 Test data for Radiated Emission

- Test Date : September. 23, 2024 ~ September. 24, 2024
- Resolution Bandwidth : 200 Hz (9 kHz ~ 0.15 MHz) / 9kHz (0.15 MHz ~ 30 MHz)
- Measurement Distance : 10 m
- Detector mode : Average
- Note : frequency range to be scanned up to 30 MHz, because the frequency band in which the EUT operates less than 1.705 MHz

Note.1 The worst case data were reported And no other spurious and harmonic emissions were reported greater than listed emission above table

Note.2 All measurements were recorded using a spectrum analyzer employing an average detector for below 30 MHz.

Note.3 "V" = Vertical , "H" = Horizontal

Note.4 cooking element "1" = rear left hob, "2" = front left hob, "3" = center hob, "4" = front right hob, "5" = rear right hob

### - Limit Calculations

The highest value measured at 10 m distance was 79.1 dB $\mu$ V/m (Cooking element #4, Vertical, 208 V). Extrapolation factor was calculated by having additional measurements at 3 m and 5 m as below refer to §18.305 Notes 2 and KDB Publication 629601.

The worst factor was 42.19 and applied to all the other measurements. Compensated limit is 83.63 dBuV/m.

Rear Right (element #5)

Distance	Ant pol.	Frequency (MHz)	Reading (dB $\mu$ V/m)
3	H	0.037	102.6
	V	0.037	106.8
5	H	0.037	87.6
	V	0.037	91.8
10	H	0.037	74.5
	V	0.037	79.1
3 to 5 (H)			67.61
3 to 5 (V)			67.60
3 to 10 (H)			53.74
3 to 10 (V)			52.98
5 to 10 (H)			43.52
5 to 10 (V)			42.19

1. Field Strength Limit [ $\mu$ V/m] = 1,500 [ $\mu$ V/m] = 63.5 [dB $\mu$ V/m] at 30 m

2. Distance extrapolation factor = [FS(d2) - FS(d1)] / log<sub>10</sub>(d1/d2) where

- d1 and d2 are the measurement distances (d2 > d1) in m

- FS(d1) is the field strength at d1 in dB $\mu$ V/m

- FS(d2) is the field strength at d2 in dB $\mu$ V/m

[79.1 - 91.8] / log(5/10) = 42.19

3. Field Strength Limit with Distance Extrapolation Factor

63.5 (dB $\mu$ V/m) + (Distance Extrapolation Factor) \* Log([d limit]/[d measure]) = 83.63 [dB $\mu$ V/m] at 10 m

63.5 [dBuV/m] + 42.19 \* log (30 [m]/10 [m]) = 83.63 dBuV/m

6.6.1. Operating condition: Cooking element #1

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict																														
Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>																														
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="3">Average</th> <th rowspan="3">Margin</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>62.8</td> <td>83.6</td> <td>63.5</td> <td>20.8</td> </tr> <tr> <td>0.073</td> <td>42.2</td> <td>83.6</td> <td>63.5</td> <td>41.4</td> </tr> <tr> <td>0.110</td> <td>46.5</td> <td>83.6</td> <td>63.5</td> <td>37.1</td> </tr> <tr> <td>18.866</td> <td>24.7</td> <td>83.6</td> <td>63.5</td> <td>58.9</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>	Frequency [MHz]	Average			Margin	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	10 m	30 m	0.037	62.8	83.6	63.5	20.8	0.073	42.2	83.6	63.5	41.4	0.110	46.5	83.6	63.5	37.1	18.866	24.7	83.6	63.5	58.9				
		Frequency [MHz]	Average				Margin																											
			Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]		Permitted Limit [dBuV/m]																												
	10 m			30 m																														
	0.037	62.8	83.6	63.5	20.8																													
	0.073	42.2	83.6	63.5	41.4																													
0.110	46.5	83.6	63.5	37.1																														
18.866	24.7	83.6	63.5	58.9																														
Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>																														
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="3">Average</th> <th rowspan="3">Margin</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>76.3</td> <td>83.6</td> <td>63.5</td> <td>7.3</td> </tr> <tr> <td>0.074</td> <td>38.6</td> <td>83.6</td> <td>63.5</td> <td>45.0</td> </tr> <tr> <td>0.107</td> <td>40.1</td> <td>83.6</td> <td>63.5</td> <td>43.5</td> </tr> <tr> <td>0.190</td> <td>32.6</td> <td>83.6</td> <td>63.5</td> <td>51.0</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>	Frequency [MHz]	Average			Margin	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	10 m	30 m	0.037	76.3	83.6	63.5	7.3	0.074	38.6	83.6	63.5	45.0	0.107	40.1	83.6	63.5	43.5	0.190	32.6	83.6	63.5	51.0				
		Frequency [MHz]	Average				Margin																											
			Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]		Permitted Limit [dBuV/m]																												
	10 m			30 m																														
	0.037	76.3	83.6	63.5	7.3																													
0.074	38.6	83.6	63.5	45.0																														
0.107	40.1	83.6	63.5	43.5																														
0.190	32.6	83.6	63.5	51.0																														

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>
CBIS3618BE Left Rear & Ant HOR Date: 23.SEP.2024 13:49:15				

Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>
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CBIS3618BE Left Rear & Ant VER Date: 24.SEP.2024 08:46:33				

6.6.2. Operating condition: Cooking element #2

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict		
Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>		
Frequency [MHz]	Average			Margin		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]			
		10 m	30 m			
	0.037	70.4	83.6		63.5	13.2
	0.110	50.4	83.6		63.5	33.2
0.182	48.8	83.6	63.5	34.8		
0.258	43.8	83.6	63.5	39.8		
The measured disturbance level includes all related factor. (Ant., Cable loss).						
Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>		
Frequency [MHz]	Average			Margin		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]			
		10 m	30 m			
	0.037	73.3	83.6		63.5	10.3
0.073	44.1	83.6	63.5	39.5		
0.109	34.9	83.6	63.5	48.7		
The measured disturbance level includes all related factor. (Ant., Cable loss).						

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>
<p> <small>           Spectrum Receiver            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBuV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan 1Pk Max            90 dBuV/m 100 kHz 1 km1[1] 68.30 dBuV/m            0.000 s 37.160 kHz            MAGNETIC_FCC_10m.LIN            70 dBuV/m M1            60 dBuV/m            50 dBuV/m            40 dBuV/m            30 dBuV/m            20 dBuV/m            10 dBuV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring...            CBIS3618BE            Left Front &amp; Ant HOR            Date: 23.SEP.2024 14:02:28         </small> </p>				

Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>
<p> <small>           Spectrum Receiver            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBuV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan 1Pk Max            90 dBuV/m 100 kHz 1 km1[1] 77.32 dBuV/m            0.000 s 37.080 kHz            MAGNETIC_FCC_10m.LIN            70 dBuV/m            60 dBuV/m            50 dBuV/m            40 dBuV/m            30 dBuV/m            20 dBuV/m            10 dBuV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring...            CBIS3618BE            Left Front &amp; Ant VBR            Date: 24.SEP.2024 08:59:21         </small> </p>				

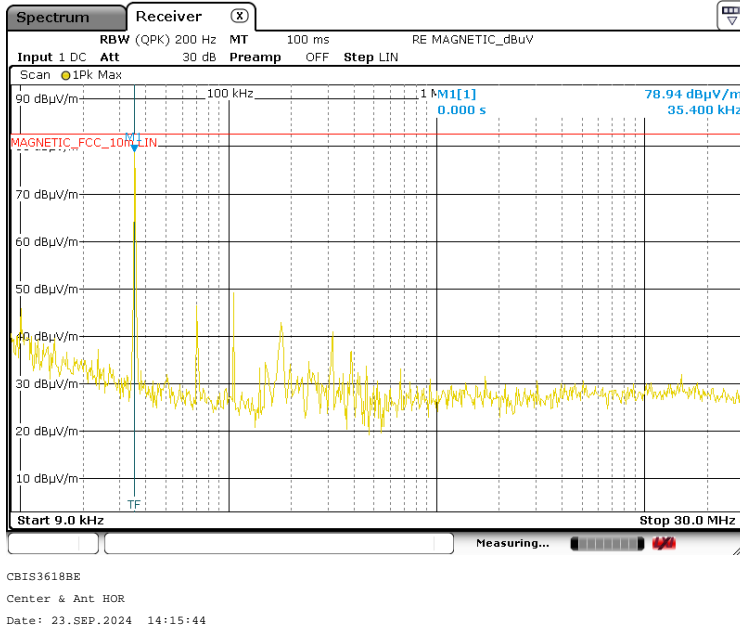


**6.6.3. Operating condition: Cooking element #3**

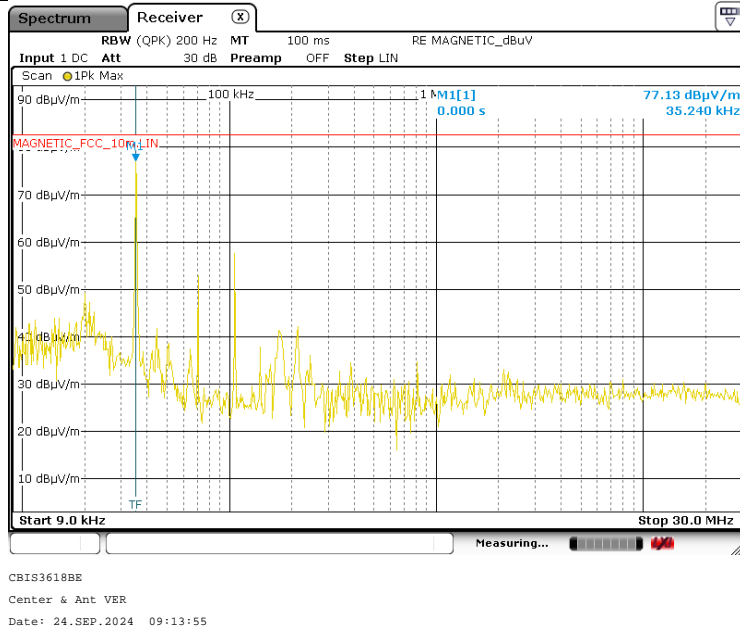
Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict	
Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>	
Frequency [MHz]	Average			Margin	
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]		
		10 m	30 m		
	0.035	83.6	63.5		7.5
	0.069	83.6	63.5		39.2
0.104	83.6	63.5	43.3		
0.174	46.1	83.6	63.5	37.5	
The measured disturbance level includes all related factor. (Ant., Cable loss).					
Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>	
Frequency [MHz]	Average			Margin	
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]		
		10 m	30 m		
	0.035	83.6	63.5		7.7
	0.070	83.6	63.5		42.0
0.103	83.6	63.5	44.3		
0.174	53.2	83.6	63.5	30.4	
The measured disturbance level includes all related factor. (Ant., Cable loss).					

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>
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Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>
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**6.6.4. Operating condition: Cooking element #4**

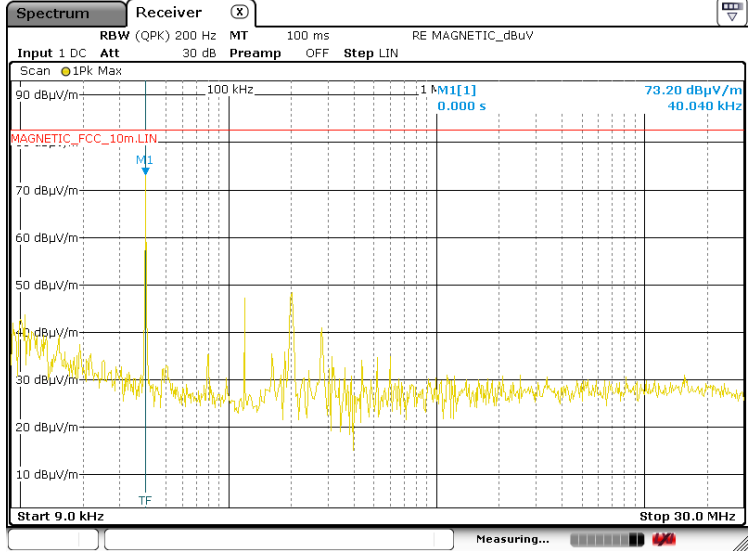
Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict																															
Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>74.5</td> <td>83.6</td> <td>63.5</td> <td>9.1</td> </tr> <tr> <td>0.110</td> <td>40.1</td> <td>83.6</td> <td>63.5</td> <td>43.5</td> </tr> <tr> <td>0.182</td> <td>40.9</td> <td>83.6</td> <td>63.5</td> <td>42.7</td> </tr> <tr> <td>0.258</td> <td>29.9</td> <td>83.6</td> <td>63.5</td> <td>53.7</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss)</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.037	74.5	83.6	63.5	9.1	0.110	40.1	83.6	63.5	43.5	0.182	40.9	83.6	63.5	42.7	0.258	29.9	83.6	63.5	53.7
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
		10 m	30 m																																
0.037	74.5	83.6	63.5	9.1																															
0.110	40.1	83.6	63.5	43.5																															
0.182	40.9	83.6	63.5	42.7																															
0.258	29.9	83.6	63.5	53.7																															
Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>79.1</td> <td>83.6</td> <td>63.5</td> <td>4.5</td> </tr> <tr> <td>0.109</td> <td>47.1</td> <td>83.6</td> <td>63.5</td> <td>36.5</td> </tr> <tr> <td>0.182</td> <td>51.8</td> <td>83.6</td> <td>63.5</td> <td>31.8</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.037	79.1	83.6	63.5	4.5	0.109	47.1	83.6	63.5	36.5	0.182	51.8	83.6	63.5	31.8					
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
		10 m	30 m																																
0.037	79.1	83.6	63.5	4.5																															
0.109	47.1	83.6	63.5	36.5																															
0.182	51.8	83.6	63.5	31.8																															

Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz				Verdict
Test voltage	208 V, 60 Hz	Polarization	Horizontal	P
<p> <b>Spectrum</b> Receiver <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span>            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBμV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan ● 1Pk Max            90 dBμV/m 100 kHz 1 kM1[1] 60.53 dBμV/m            0.000 s 37.000 kHz            MAGNETIC_FCC_10m.LIN            70 dBμV/m            60 dBμV/m            50 dBμV/m            40 dBμV/m            30 dBμV/m            20 dBμV/m            10 dBμV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring... <span style="color: red;">▶</span> </p> <p>           CBIS3618BE            Right Front &amp; Ant HOR            Date: 23.SEP.2024 14:28:18         </p>				
Test voltage	208 V, 60 Hz	Polarization	Vertical	P
<p> <b>Spectrum</b> Receiver <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span>            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBμV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan ● 1Pk Max            90 dBμV/m 100 kHz 1 kM1[1] 80.57 dBμV/m            0.000 s 37.000 kHz            MAGNETIC_FCC_10m.LIN            70 dBμV/m            60 dBμV/m            50 dBμV/m            40 dBμV/m            30 dBμV/m            20 dBμV/m            10 dBμV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring... <span style="color: red;">▶</span> </p> <p>           CBIS3618BE            Right Front &amp; Ant VER            Date: 24.SEP.2024 09:24:45         </p>				

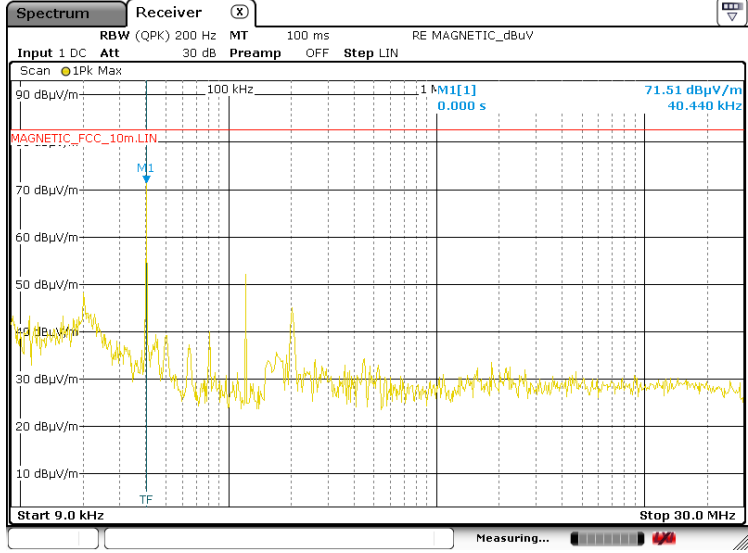
6.6.5. Operating condition: Cooking element #5

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict	
Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>	
Frequency [MHz]	Average				
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	
		10 m	30 m		
	0.040	74.8	83.6	63.5	8.8
	0.118	50.3	83.6	63.5	33.3
0.198	52.3	83.6	63.5	31.3	
0.286	38.3	83.6	63.5	45.3	
The measured disturbance level includes all related factor. (Ant., Cable loss).					
Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>	
Frequency [MHz]	Average				
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	
		10 m	30 m		
	0.040	73.0	83.6	63.5	10.6
0.120	51.1	83.6	63.5	32.5	
0.202	46.8	83.6	63.5	36.8	
The measured disturbance level includes all related factor. (Ant., Cable loss).					

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	208 V, 60 Hz	Polarization	Horizontal	<b>P</b>
				
CBIS3618BE Right Rear & Ant HOR Date: 23.SEP.2024 14:39:24				

Test voltage	208 V, 60 Hz	Polarization	Vertical	<b>P</b>
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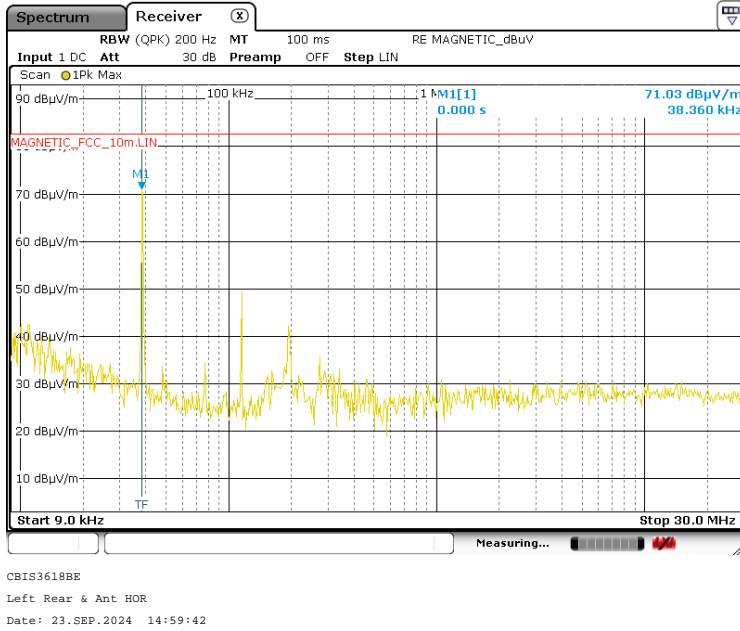
				
CBIS3618BE Right Rear & Ant VBR Date: 24.SEP.2024 09:37:20				

6.6.6. Operating condition: Cooking element #1

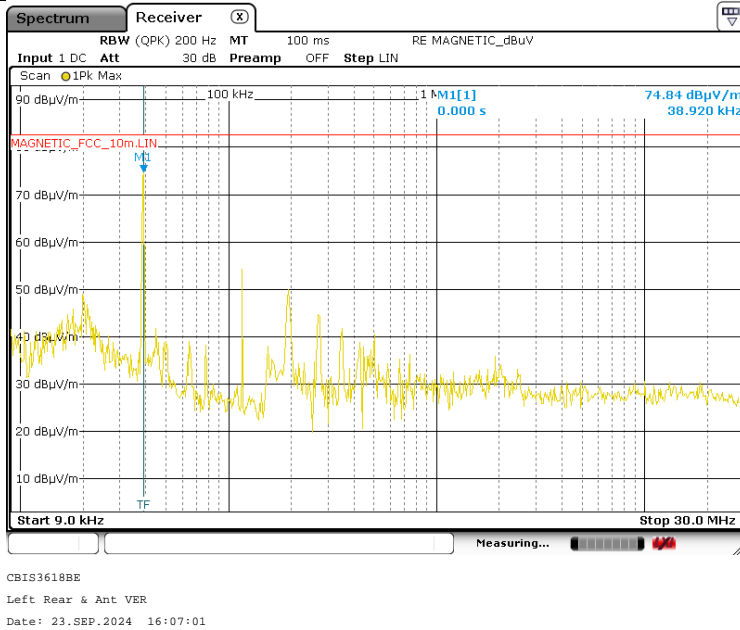
Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict																															
Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>75.2</td> <td>83.6</td> <td>63.5</td> <td>8.4</td> </tr> <tr> <td>0.114</td> <td>35.3</td> <td>83.6</td> <td>63.5</td> <td>48.3</td> </tr> <tr> <td>0.192</td> <td>48.6</td> <td>83.6</td> <td>63.5</td> <td>35.0</td> </tr> <tr> <td>0.266</td> <td>47.8</td> <td>83.6</td> <td>63.5</td> <td>35.8</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.038	75.2	83.6	63.5	8.4	0.114	35.3	83.6	63.5	48.3	0.192	48.6	83.6	63.5	35.0	0.266	47.8	83.6	63.5	35.8
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
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0.114	35.3	83.6	63.5	48.3																															
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0.266	47.8	83.6	63.5	35.8																															
Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>74.3</td> <td>83.6</td> <td>63.5</td> <td>9.3</td> </tr> <tr> <td>0.114</td> <td>41.4</td> <td>83.6</td> <td>63.5</td> <td>42.2</td> </tr> <tr> <td>0.190</td> <td>52.7</td> <td>83.6</td> <td>63.5</td> <td>30.9</td> </tr> <tr> <td>0.266</td> <td>49.3</td> <td>83.6</td> <td>63.5</td> <td>34.3</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.038	74.3	83.6	63.5	9.3	0.114	41.4	83.6	63.5	42.2	0.190	52.7	83.6	63.5	30.9	0.266	49.3	83.6	63.5	34.3
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
		10 m	30 m																																
0.038	74.3	83.6	63.5	9.3																															
0.114	41.4	83.6	63.5	42.2																															
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0.266	49.3	83.6	63.5	34.3																															

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>
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Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>
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**6.6.7. Operating condition: Cooking element #2**

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict																															
Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>69.0</td> <td>83.6</td> <td>63.5</td> <td>14.6</td> </tr> <tr> <td>0.077</td> <td>29.2</td> <td>83.6</td> <td>63.5</td> <td>54.4</td> </tr> <tr> <td>0.114</td> <td>51.7</td> <td>83.6</td> <td>63.5</td> <td>31.9</td> </tr> <tr> <td>0.190</td> <td>30.4</td> <td>83.6</td> <td>63.5</td> <td>53.2</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.038	69.0	83.6	63.5	14.6	0.077	29.2	83.6	63.5	54.4	0.114	51.7	83.6	63.5	31.9	0.190	30.4	83.6	63.5	53.2
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
		10 m	30 m																																
0.038	69.0	83.6	63.5	14.6																															
0.077	29.2	83.6	63.5	54.4																															
0.114	51.7	83.6	63.5	31.9																															
0.190	30.4	83.6	63.5	53.2																															
Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>																															
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="4">Average</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> <th rowspan="2">Margin</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.038</td> <td>78.7</td> <td>83.6</td> <td>63.5</td> <td>4.9</td> </tr> <tr> <td>0.113</td> <td>44.2</td> <td>83.6</td> <td>63.5</td> <td>39.4</td> </tr> <tr> <td>0.190</td> <td>49.9</td> <td>83.6</td> <td>63.5</td> <td>33.7</td> </tr> <tr> <td>0.266</td> <td>42.1</td> <td>83.6</td> <td>63.5</td> <td>41.5</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>					Frequency [MHz]	Average				Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	10 m	30 m	0.038	78.7	83.6	63.5	4.9	0.113	44.2	83.6	63.5	39.4	0.190	49.9	83.6	63.5	33.7	0.266	42.1	83.6	63.5	41.5
Frequency [MHz]	Average																																		
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin																															
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0.190	49.9	83.6	63.5	33.7																															
0.266	42.1	83.6	63.5	41.5																															

Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz				Verdict
Test voltage	240 V, 60 Hz	Polarization	Horizontal	P
<p> <b>Spectrum Receiver</b>            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBµV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan 1Pk Max            90 dBµV/m 100 kHz 1 M1[1] 73.96 dBµV/m            0.000 s 38.440 kHz            MAGNETIC_FCC_10m.LIN            70 dBµV/m M1            60 dBµV/m            50 dBµV/m            40 dBµV/m            30 dBµV/m            20 dBµV/m            10 dBµV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring...         </p> <p>           CBIS3618BE            Left Front &amp; Ant HOR            Date: 23.SEP.2024 15:12:59         </p>				
Test voltage	240 V, 60 Hz	Polarization	Vertical	P
<p> <b>Spectrum Receiver</b>            RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBµV            Input 1 DC Att 30 dB Preamp OFF Step LIN            Scan 1Pk Max            90 dBµV/m 100 kHz 1 M1[1] 71.92 dBµV/m            0.000 s 38.600 kHz            MAGNETIC_FCC_10m.LIN            70 dBµV/m M1            60 dBµV/m            50 dBµV/m            40 dBµV/m            30 dBµV/m            20 dBµV/m            10 dBµV/m            Start 9.0 kHz Stop 30.0 MHz            Measuring...         </p> <p>           CBIS3618BE            Left Front &amp; Ant VBR            Date: 23.SEP.2024 16:19:26         </p>				

**6.6.8. Operating condition: Cooking element #3**

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict	
Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>	
Frequency [MHz]	Average				
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	
		10 m	30 m		
	0.036	70.3	83.6	63.5	13.3
	0.109	50.3	83.6	63.5	33.3
0.182	50.6	83.6	63.5	33.0	
0.254	48.0	83.6	63.5	35.6	
The measured disturbance level includes all related factor. (Ant., Cable loss).					
Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>	
Frequency [MHz]	Average				
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	Margin	
		10 m	30 m		
	0.037	71.4	83.6	63.5	12.2
0.109	53.2	83.6	63.5	30.4	
0.182	53.0	83.6	63.5	30.6	
The measured disturbance level includes all related factor. (Ant., Cable loss).					

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

<b>Test voltage</b>	240 V, 60 Hz	<b>Polarization</b>	Horizontal	<b>P</b>
CBIS3618BE Center & Ant HOR Date: 23.SEP.2024 15:27:00				

<b>Test voltage</b>	240 V, 60 Hz	<b>Polarization</b>	Vertical	<b>P</b>
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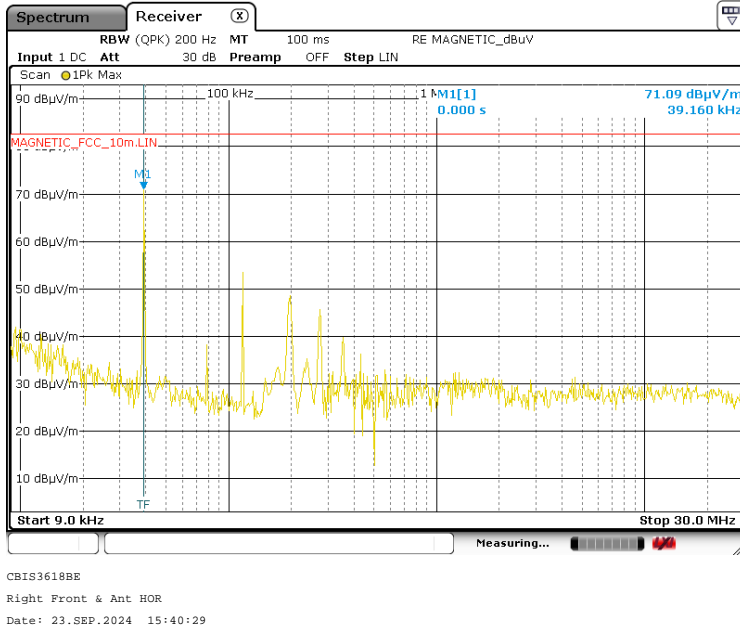
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**6.6.9. Operating condition: Cooking element #4**

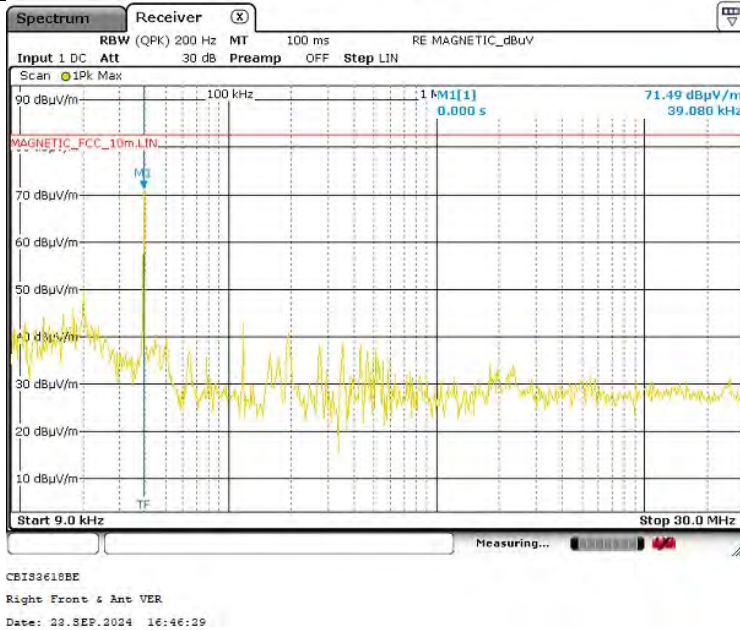
Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict																														
Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>																														
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="3">Average</th> <th rowspan="3">Margin</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>62.8</td> <td>83.6</td> <td>63.5</td> <td>20.8</td> </tr> <tr> <td>0.073</td> <td>42.2</td> <td>83.6</td> <td>63.5</td> <td>41.4</td> </tr> <tr> <td>0.110</td> <td>46.5</td> <td>83.6</td> <td>63.5</td> <td>37.1</td> </tr> <tr> <td>18.866</td> <td>24.7</td> <td>83.6</td> <td>63.5</td> <td>58.9</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>	Frequency [MHz]	Average			Margin	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	10 m	30 m	0.037	62.8	83.6	63.5	20.8	0.073	42.2	83.6	63.5	41.4	0.110	46.5	83.6	63.5	37.1	18.866	24.7	83.6	63.5	58.9				
		Frequency [MHz]	Average				Margin																											
			Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]		Permitted Limit [dBuV/m]																												
	10 m			30 m																														
	0.037	62.8	83.6	63.5	20.8																													
	0.073	42.2	83.6	63.5	41.4																													
0.110	46.5	83.6	63.5	37.1																														
18.866	24.7	83.6	63.5	58.9																														
Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>																														
<table border="1"> <thead> <tr> <th rowspan="3">Frequency [MHz]</th> <th colspan="3">Average</th> <th rowspan="3">Margin</th> </tr> <tr> <th rowspan="2">Disturbance Level [dBuV/m] at 10 m</th> <th>Permitted Limit [dBuV/m]</th> <th>Permitted Limit [dBuV/m]</th> </tr> <tr> <th>10 m</th> <th>30 m</th> </tr> </thead> <tbody> <tr> <td>0.039</td> <td>70.5</td> <td>83.6</td> <td>63.5</td> <td>13.1</td> </tr> <tr> <td>0.117</td> <td>42.3</td> <td>83.6</td> <td>63.5</td> <td>41.3</td> </tr> <tr> <td>0.194</td> <td>41.7</td> <td>83.6</td> <td>63.5</td> <td>41.9</td> </tr> </tbody> </table> <p>The measured disturbance level includes all related factor. (Ant., Cable loss).</p>	Frequency [MHz]	Average			Margin	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]	10 m	30 m	0.039	70.5	83.6	63.5	13.1	0.117	42.3	83.6	63.5	41.3	0.194	41.7	83.6	63.5	41.9									
		Frequency [MHz]	Average				Margin																											
			Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]		Permitted Limit [dBuV/m]																												
	10 m			30 m																														
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0.194	41.7	83.6	63.5	41.9																														

**Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz** **Verdict**

Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>
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Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>
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6.6.10. Operating condition: Cooking element #5

Measurement table – <i>Magnetic Field</i> , 0.09 MHz to 30 MHz				Verdict	
Test voltage	240 V, 60 Hz	Polarization	Horizontal	<b>P</b>	
Frequency [MHz]	Average			Margin	
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]		
		10 m	30 m		
	0.041	83.6	63.5		5.4
	0.123	83.6	63.5		43.9
0.206	83.6	63.5	31.9		
0.286	43.5	83.6	63.5	40.1	
The measured disturbance level includes all related factor. (Ant., Cable loss).					
Test voltage	240 V, 60 Hz	Polarization	Vertical	<b>P</b>	
Frequency [MHz]	Average			Margin	
	Disturbance Level [dBuV/m] at 10 m	Permitted Limit [dBuV/m]	Permitted Limit [dBuV/m]		
		10 m	30 m		
	0.041	83.6	63.5		9.0
0.065	83.6	63.5	45.8		
0.206	83.6	63.5	42.4		
The measured disturbance level includes all related factor. (Ant., Cable loss).					

Spectral Diagrams - Magnetic Field , 0.09 MHz to 30 MHz				Verdict
Test voltage	240 V, 60 Hz	Polarization	Horizontal	P
<p>                     Spectrum Receiver                      RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBµV                      Input 1 DC Att 30 dB Preamp OFF Step LIN                      Scan 1Pk Max                      90 dBµV/m 100 kHz 1 KM1[1] 74.67 dBµV/m                      0.000 s 41.400 kHz                      MAGNETIC_FCC_10m.LIN                      70 dBµV/m                      60 dBµV/m                      50 dBµV/m                      40 dBµV/m                      30 dBµV/m                      20 dBµV/m                      10 dBµV/m                      Start 9.0 kHz Stop 30.0 MHz                      Measuring...                 </p> <p>                     CBIS3618BE                      Right Rear &amp; Ant HOR                      Date: 23.SEP.2024 15:53:52                 </p>				
Test voltage	240 V, 60 Hz	Polarization	Vertical	P
<p>                     Spectrum Receiver                      RBW (QPK) 200 Hz MT 100 ms RE MAGNETIC_dBµV                      Input 1 DC Att 30 dB Preamp OFF Step LIN                      Scan 1Pk Max                      90 dBµV/m 100 kHz 1 KM1[1] 69.55 dBµV/m                      0.000 s 41.480 kHz                      MAGNETIC_FCC_10m.LIN                      70 dBµV/m                      60 dBµV/m                      50 dBµV/m                      40 dBµV/m                      30 dBµV/m                      20 dBµV/m                      10 dBµV/m                      Start 9.0 kHz Stop 30.0 MHz                      Measuring...                 </p> <p>                     CBIS3618BE                      Right Rear &amp; Ant VBR                      Date: 23.SEP.2024 16:59:55                 </p>				



## 8. Recommendation & Conclusion

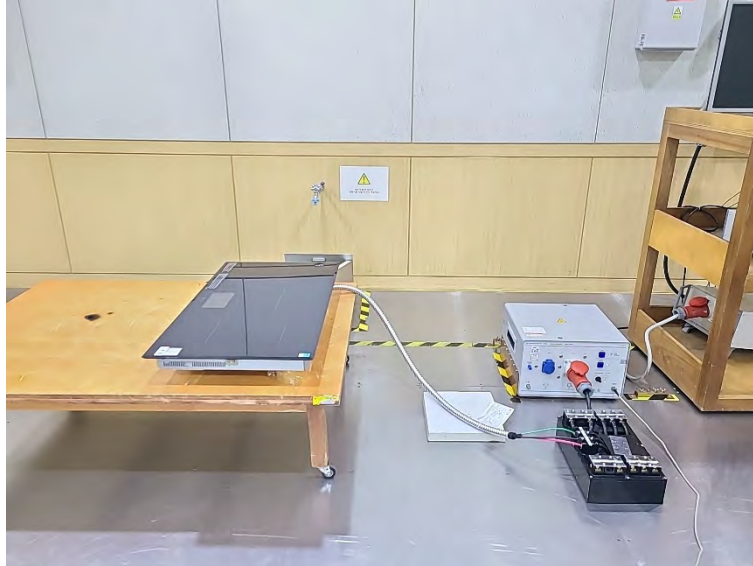
The data collected shows that the **LG Electronics USA. HOUSEHOLD COOKTOP (Model Name: CBIS3618BE)** was complies with §18.305 and 18.307 of the FCC Rules.

- The end

## **APPENDIX A. TEST SET UP PHOTOGRAPHS**

Test Photos show the worst case configuration and cable placement with a minimum margin to the specifications.

- Conducted Emission



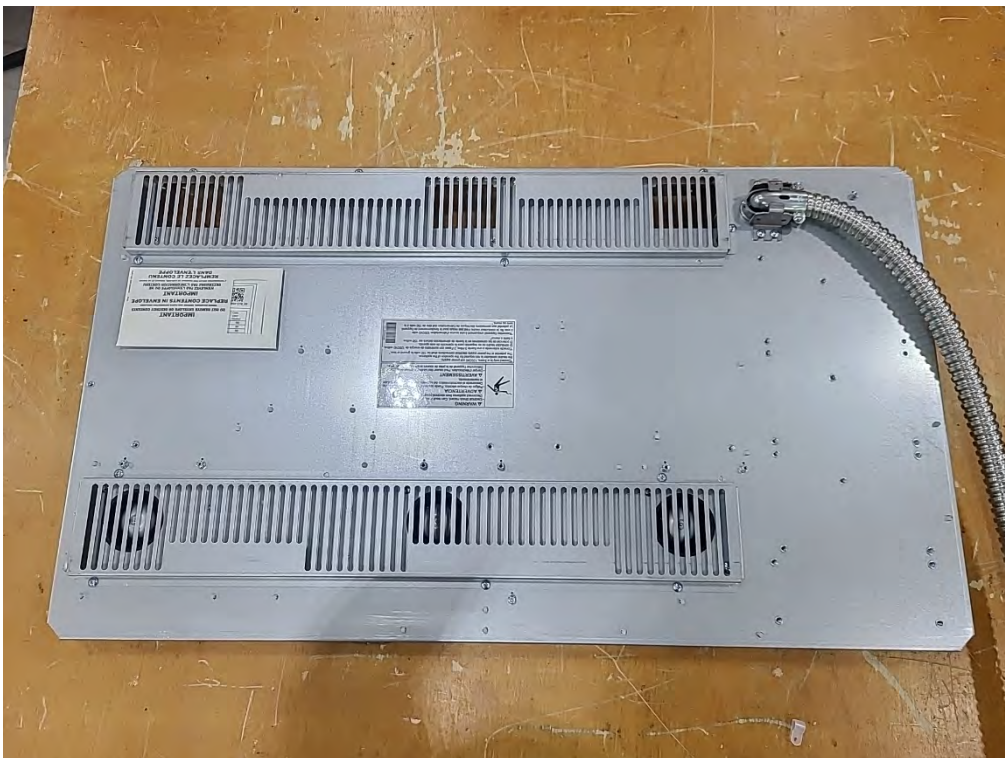
- Radiated Emission (Magnetic Field , Below 30 MHz)



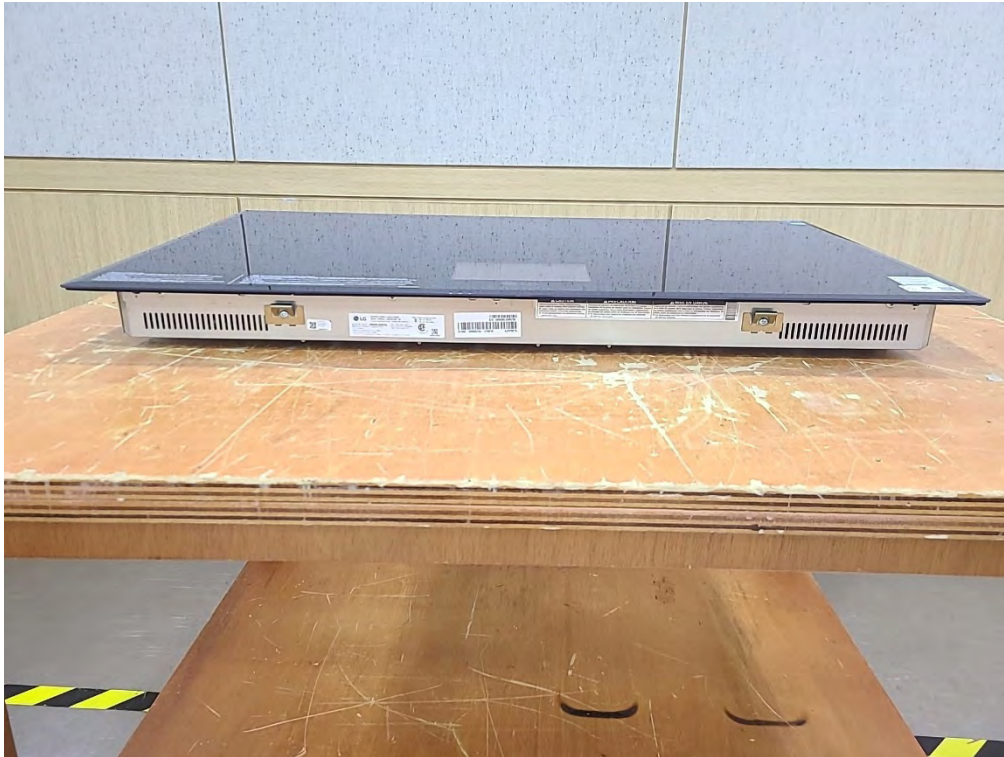
## APPENDIX B. EXTERNAL PHOTOGRAPHS



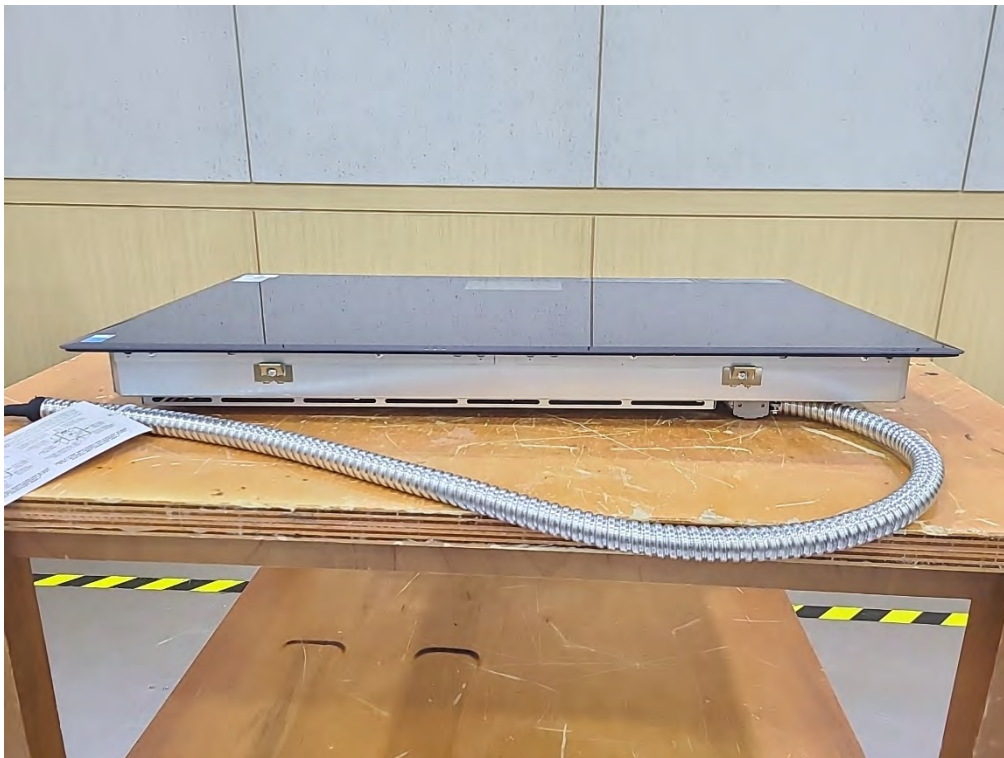
<Top View>



<Bottom View>



<Front Side View>



<Rear Side View>

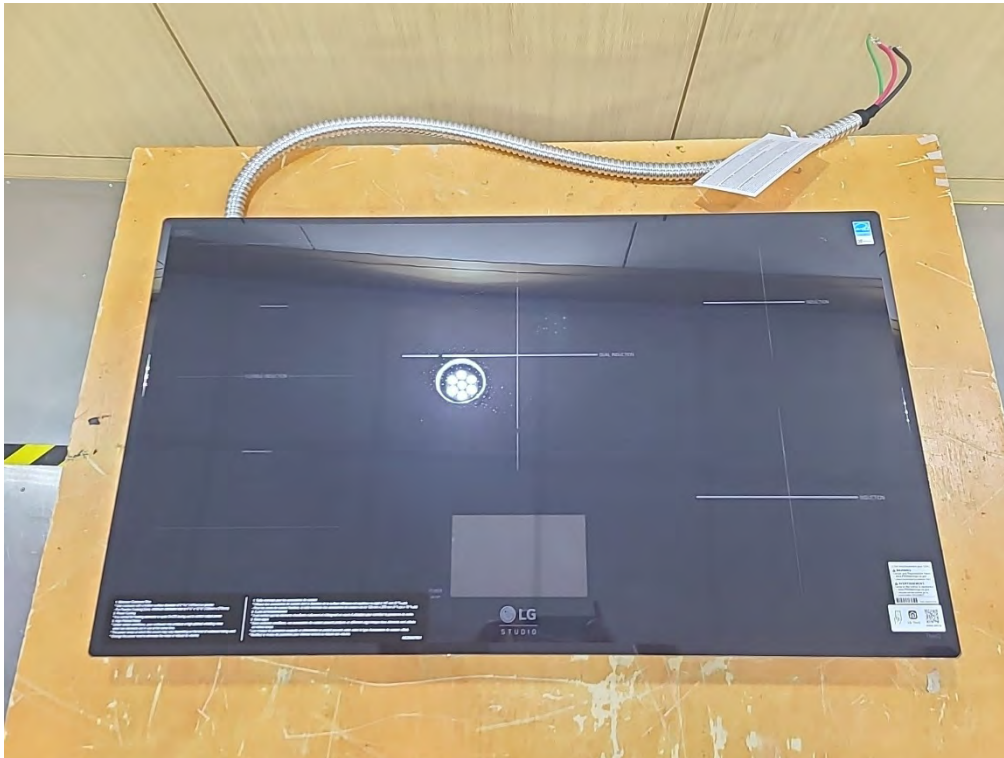


<Left Side View>



<Right Side View>

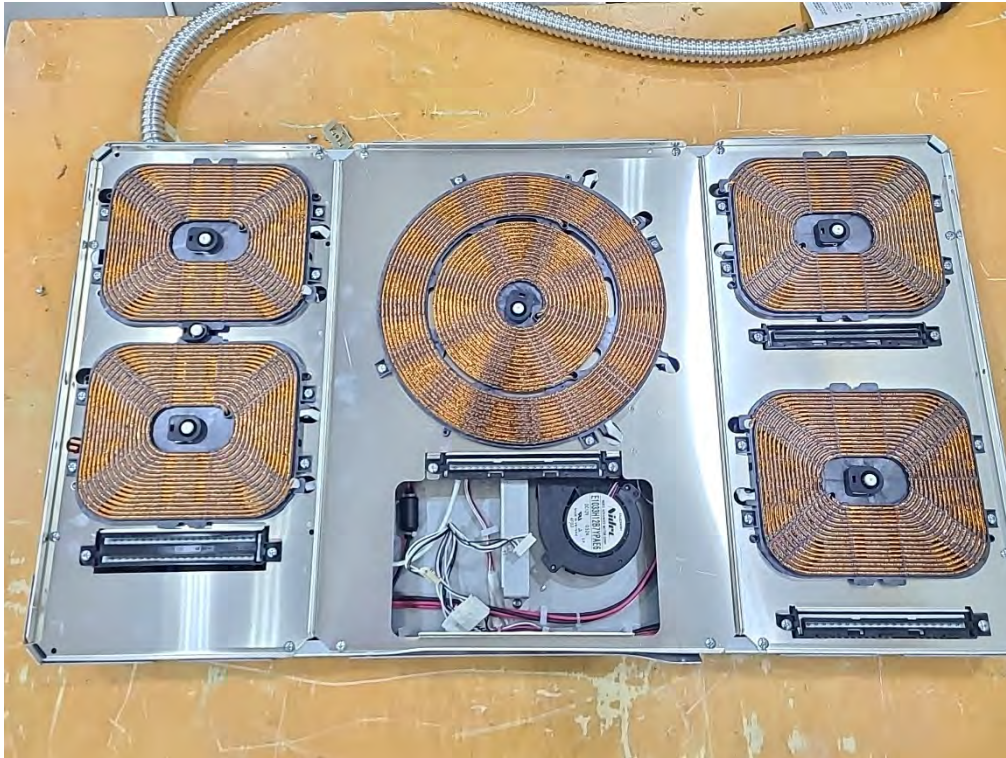
## APPENDIX C. INTERNAL PHOTOGRAPHS



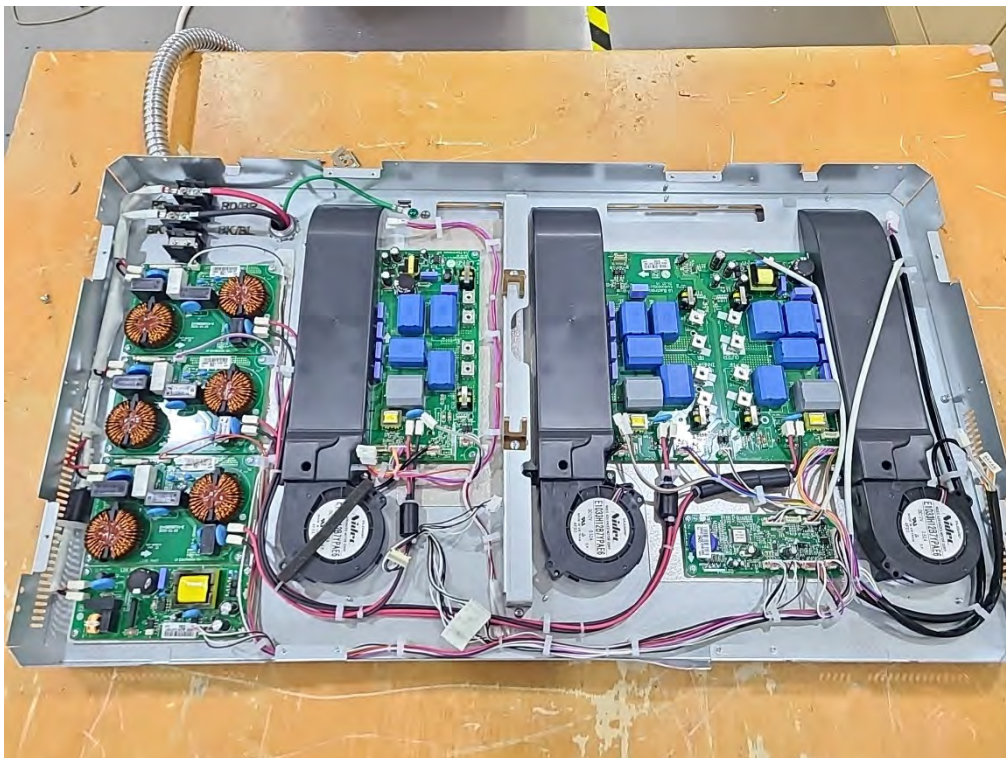
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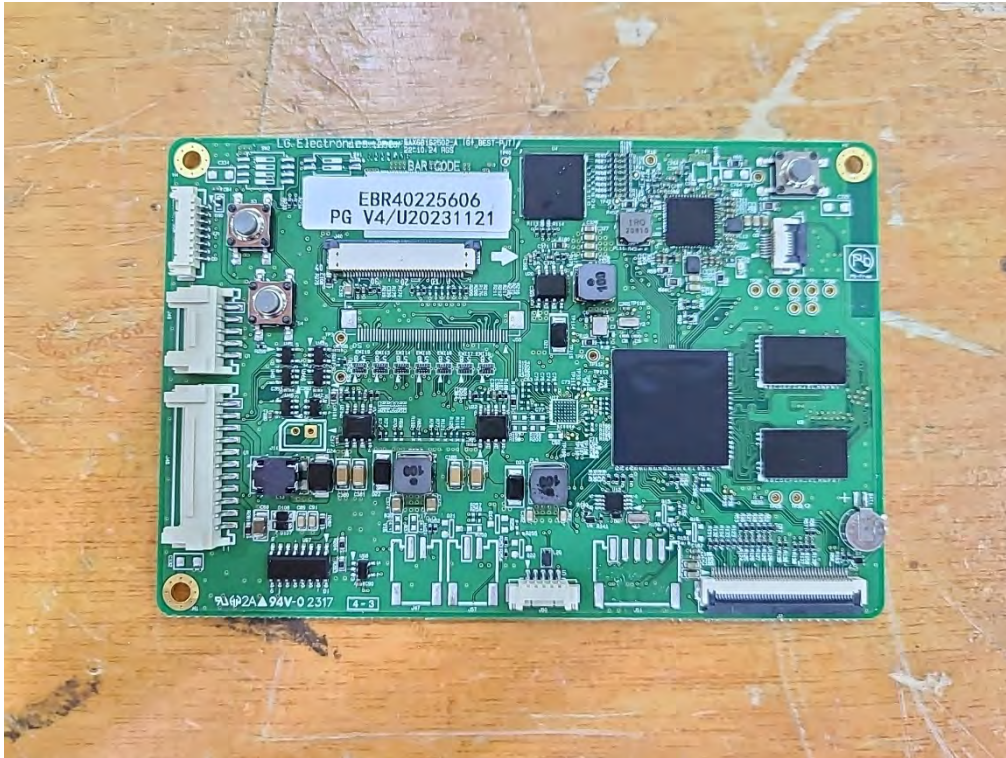
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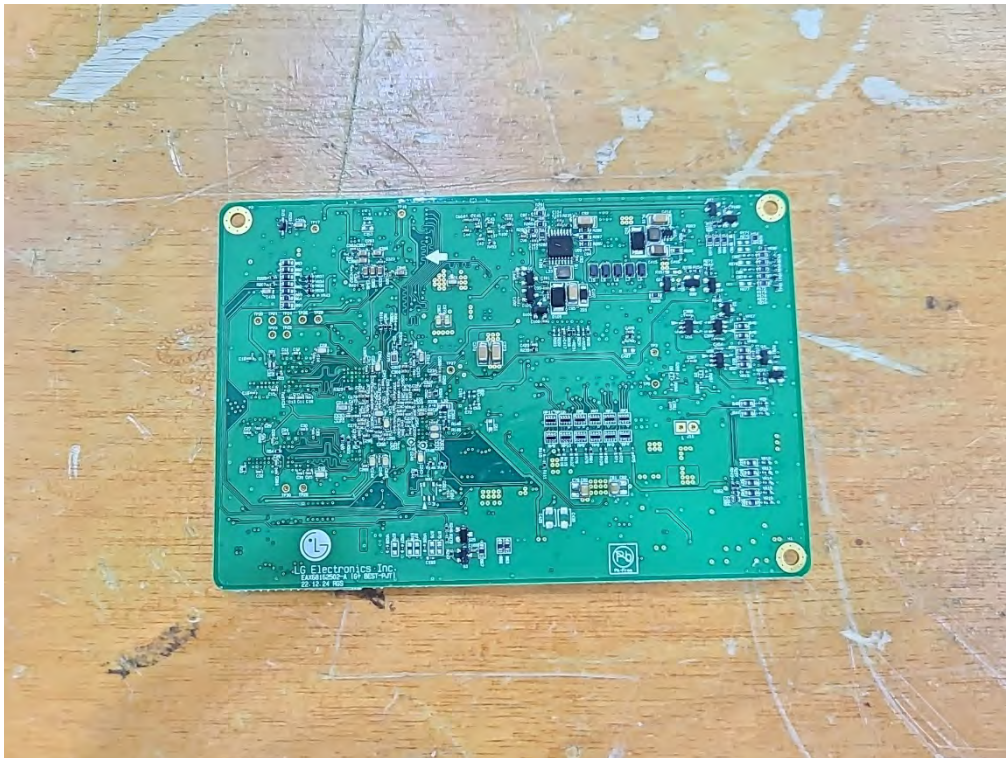
<IH Coil plate>



<Bottom plate>

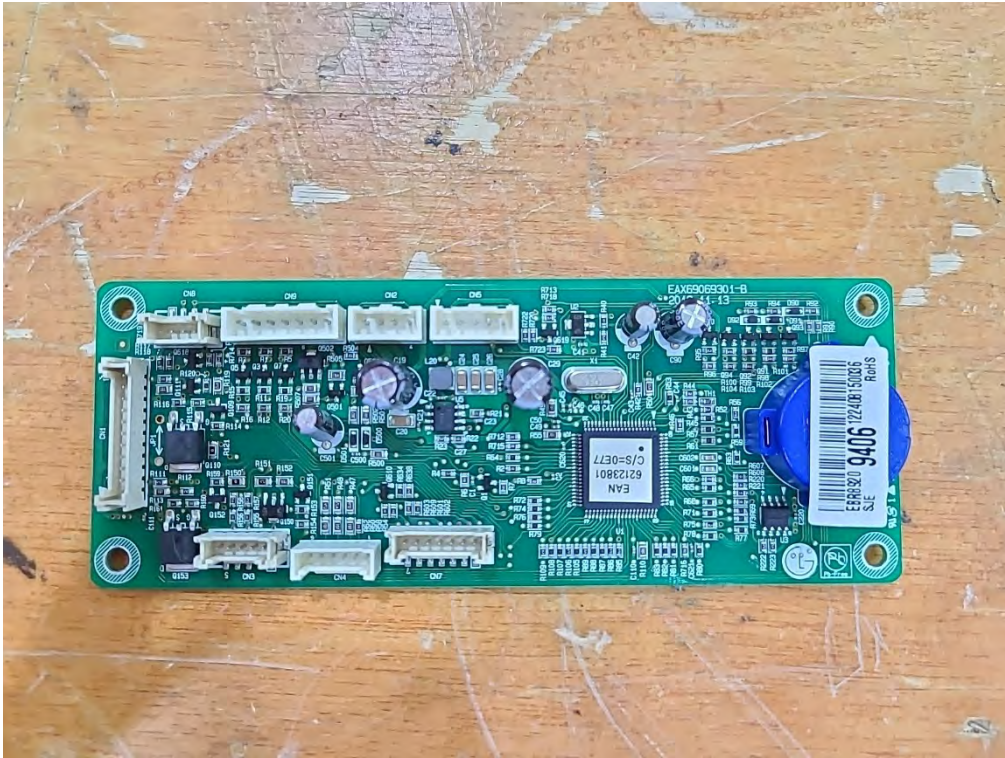


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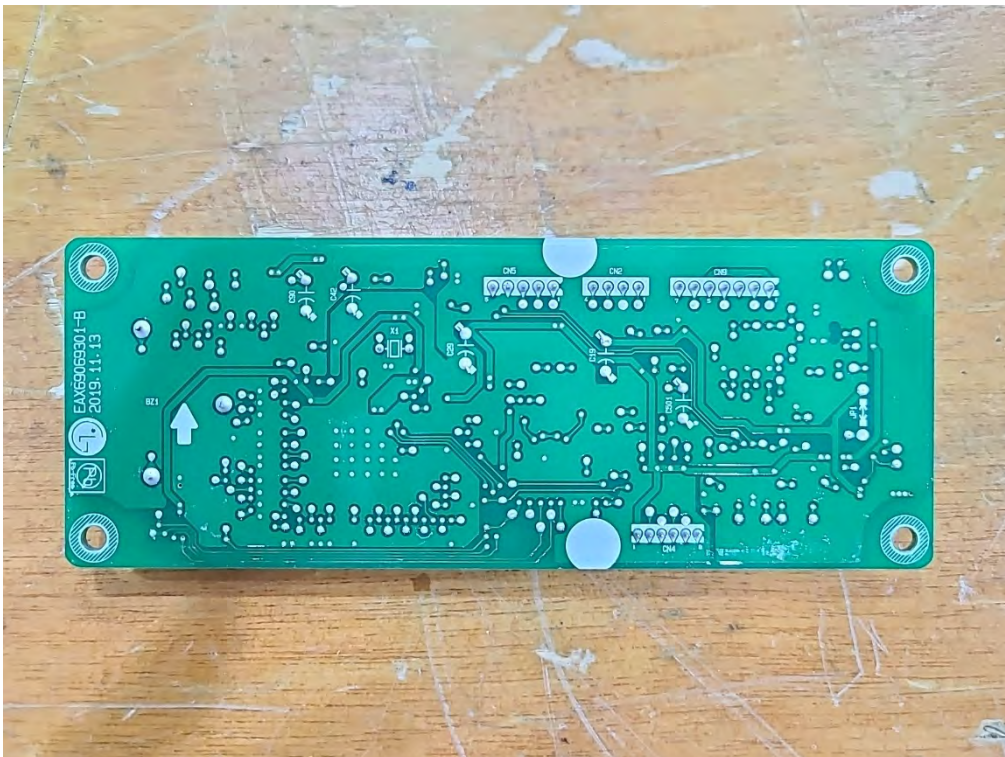


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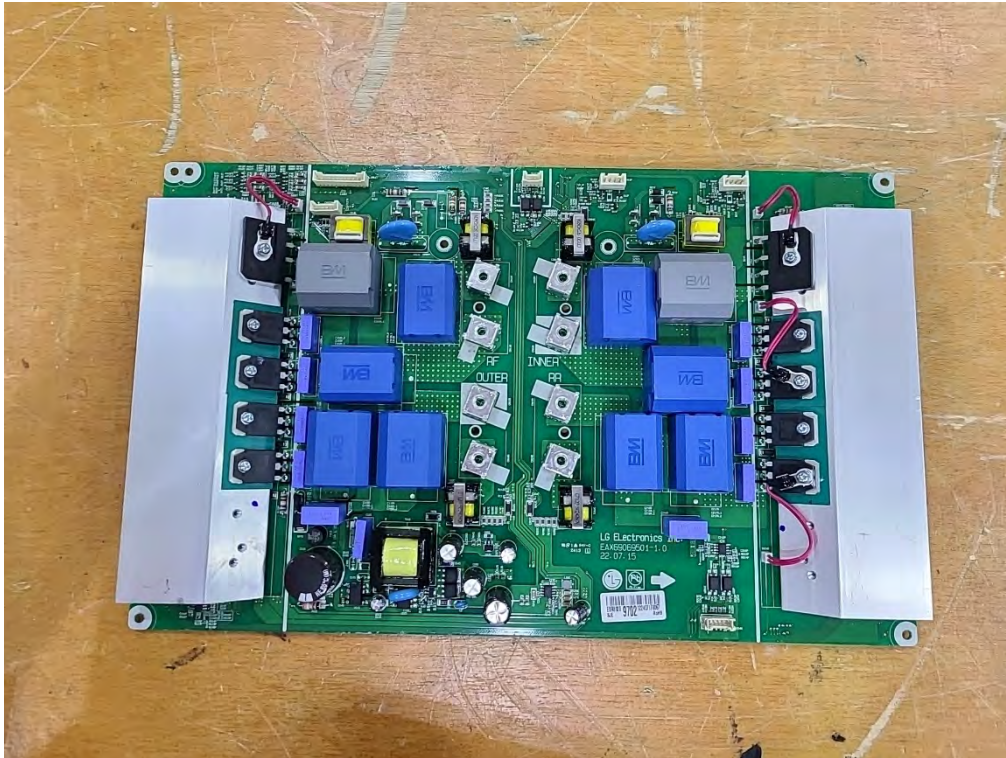




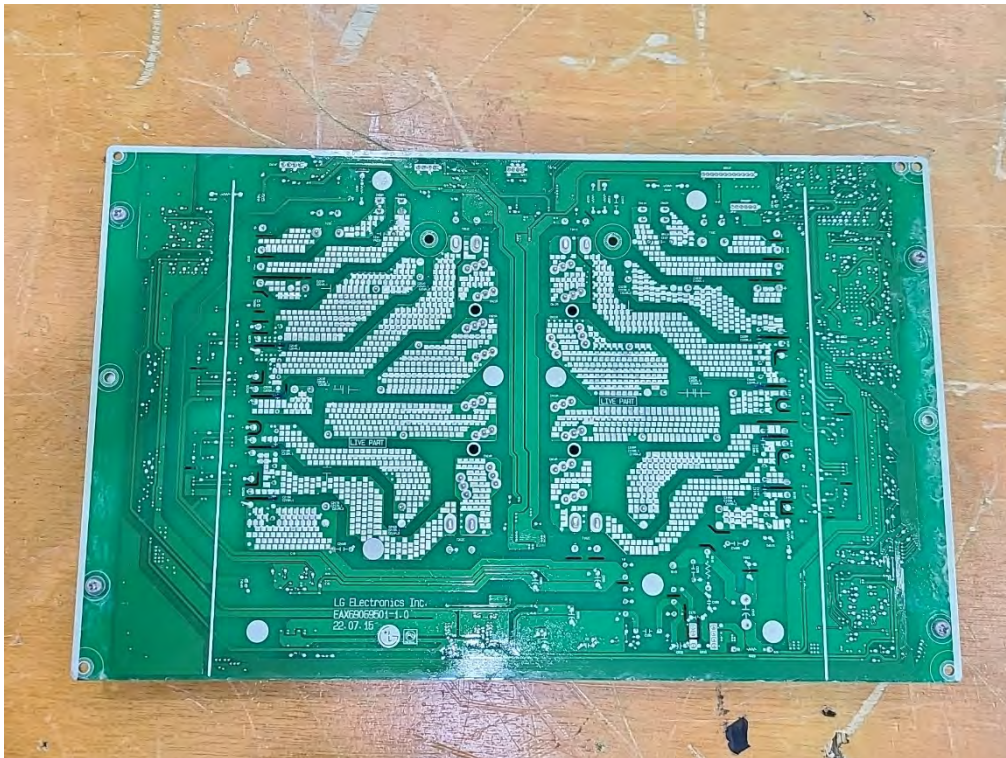
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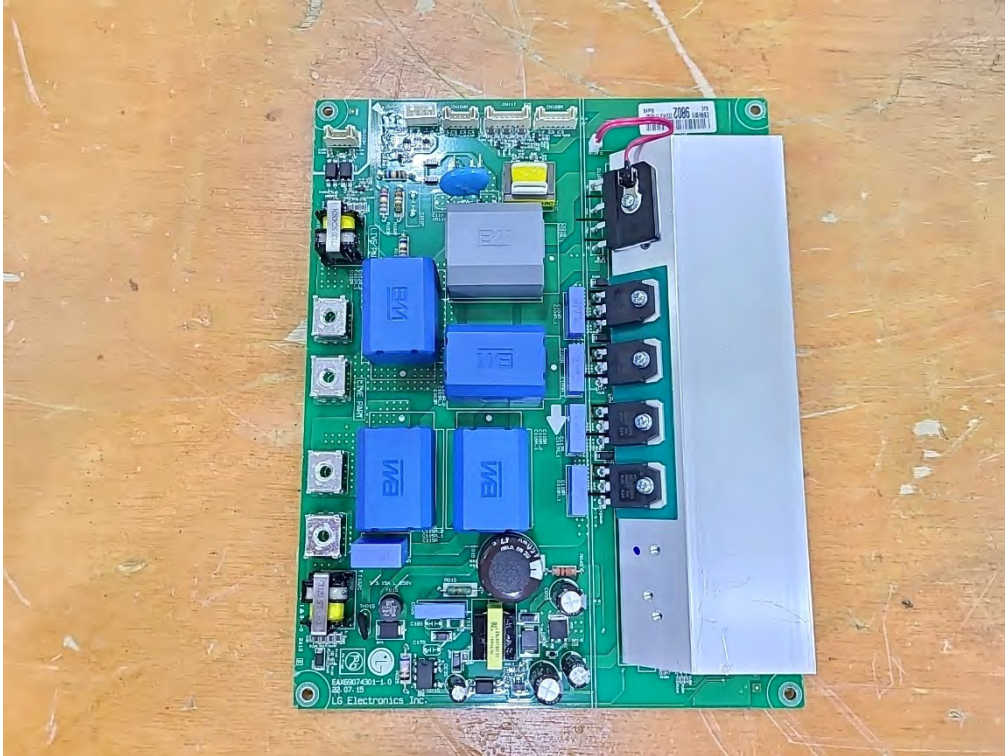
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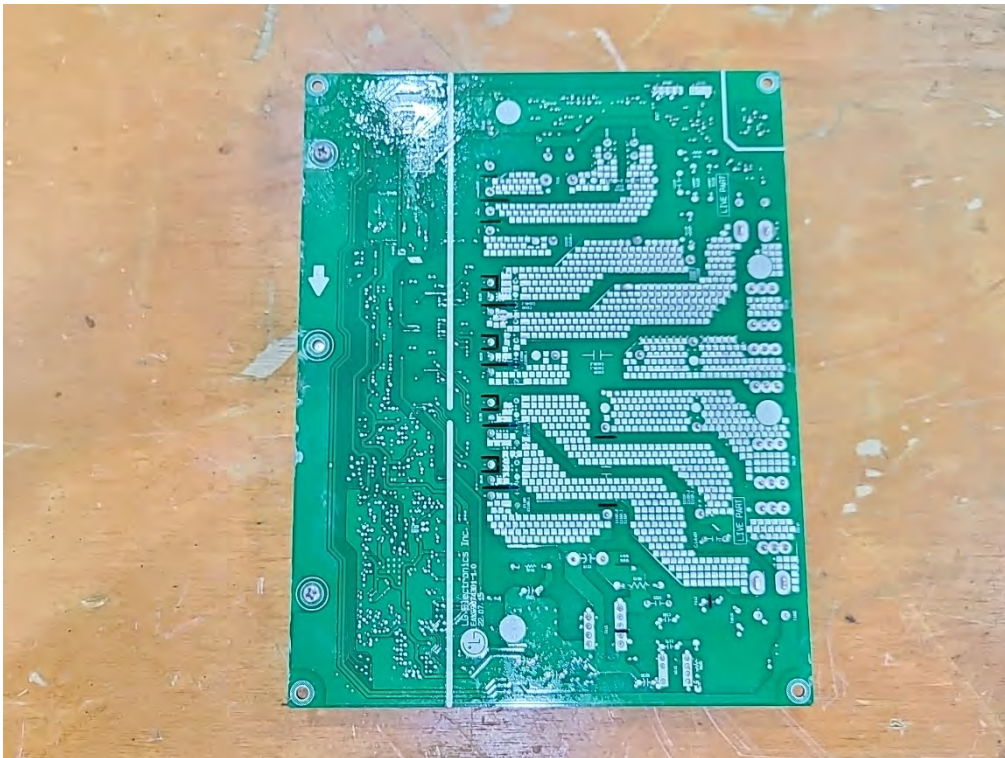
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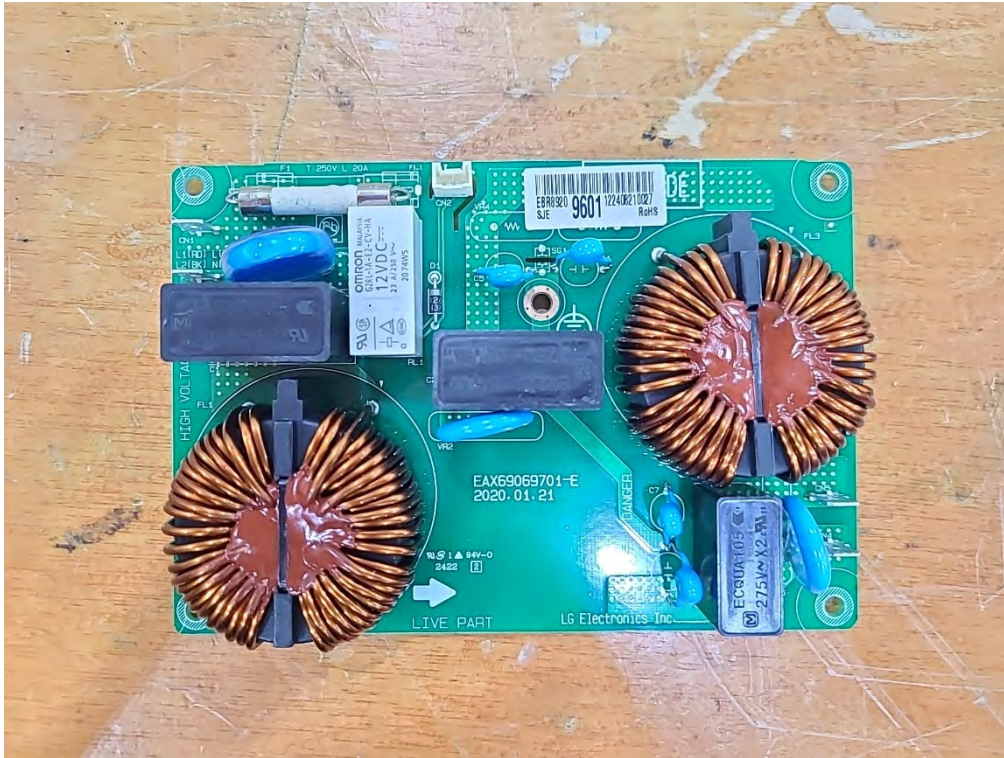
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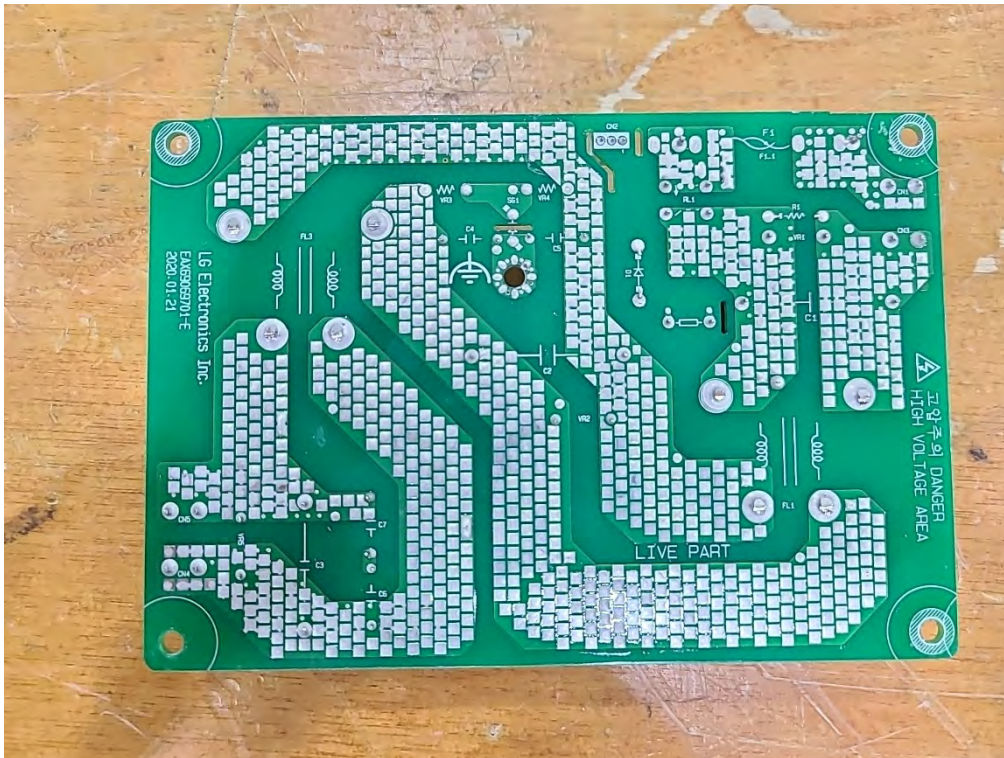
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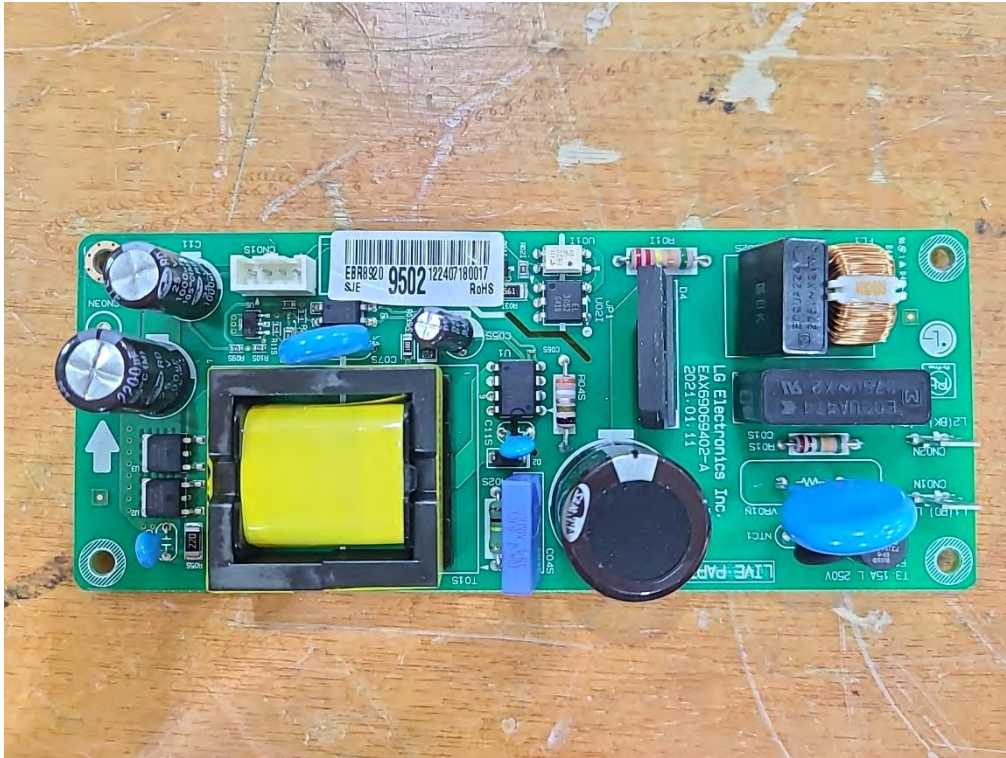
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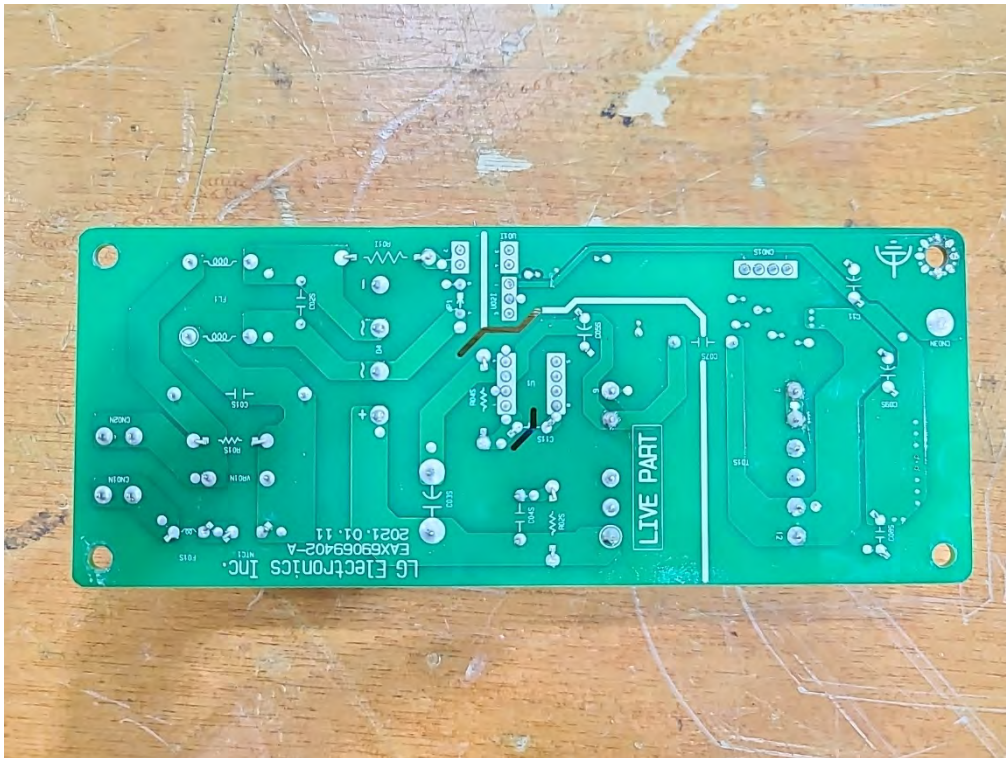
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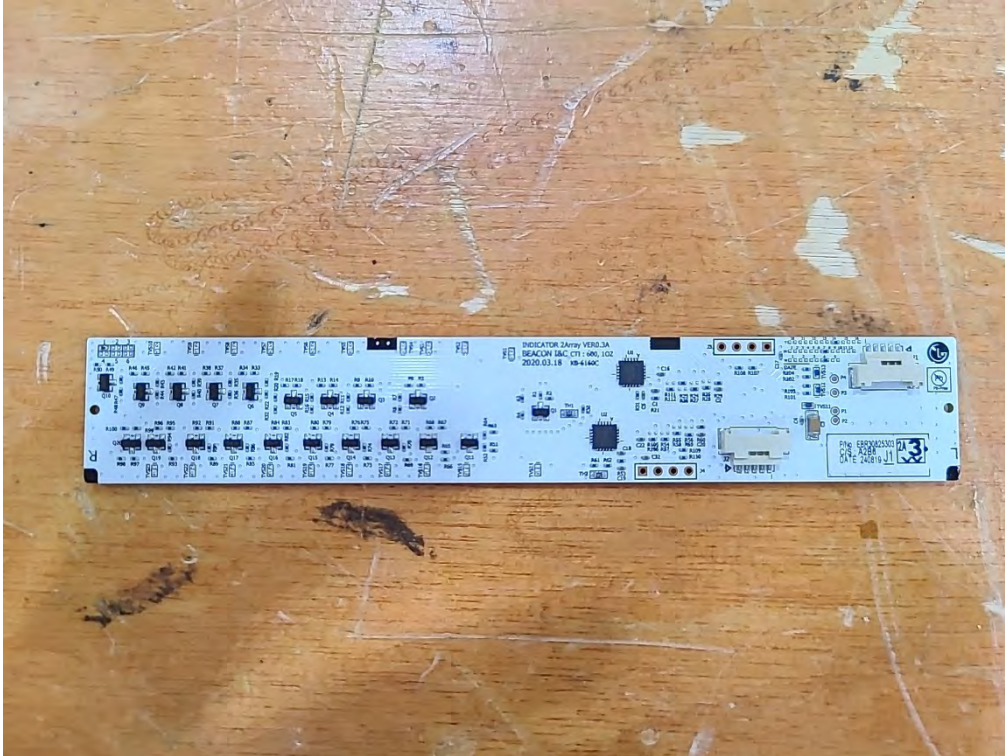
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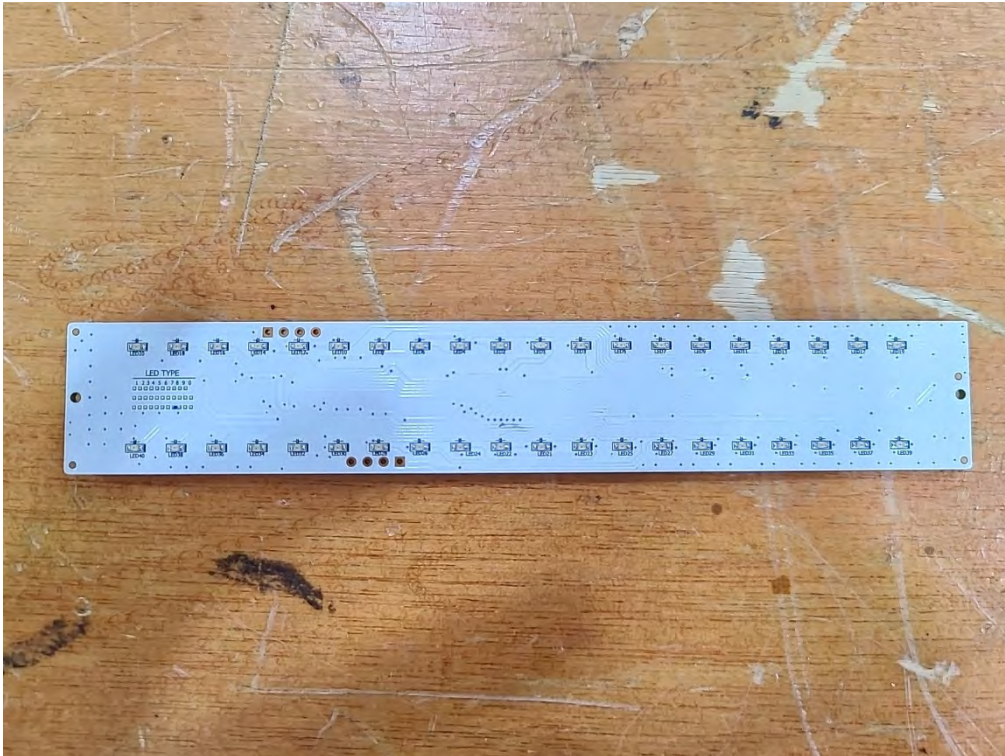
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<Indicator PCB (Left) (front)>



<Indicator PCB (Left) (rear)>

