

TEST REPORT

JNM Korea Testing Center Co. Ltd. 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do, Korea 12813 Tel: +82-31-727-8300 Fax: +82-31-764-0800	Report No.: TR-W2609-017 Page (1) / (64) Pages	
Project Number : EA2609C-028 Test Report Number : TR-W2609-017 Type of Equipment : ELECTRIC INDUCTION RANGE Model Name : LSIU6338XE Additional Model Name(s) : LSIU6338NE Applicant : LG Electronics Inc. Address : 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 17709, Republic of Korea Manufacturer : LG Electronics Inc. Address : 170, Seongsanpaechongr, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51533, Republic of Korea FCC Rule : CFR 47 Part 18 - INDUSTRIAL, SCIENTIFIC, AND MEDICAL EQUIPMENT Date of Receipt : 2026-09-02 Date(s) of tests : 2026-09-18 Date of Issue : 2026-09-22 Test Result : PASS The results shown in this test report refer only to the sample(s) tested unless otherwise stated. It shall not be reproduced except in full, without the written approval of the JNM Korea Testing Center Co. Ltd.		
Prepared by  _____ Park, Jun-il / Engineer		Approved by  _____ Hwang, Jin-young / Team Leader

CONTENTS

	Page
1. Test Summary	4
1.1 Test standards and results	4
1.2 Test Methodology	4
1.3 Additions, deviations, exclusions from standards	4
1.4 Purpose of the test	4
1.5 Test Facility	5
2. General Product Description	6
2.1 Equipment Description	6
2.2 Equipment Information	6
2.3 Additional Model Name(s)	6
3. Test Condition and Operating Modes	7
3.1 Description of associated equipment	7
3.2 Description of cable(s)	7
3.3 Modes of operation during the test	7
3.4 Test Setup Configuration	8
4. EUT Modifications	8
5. Emission Tests	9
5.1 Conducted Emission	9
5.2 Radiated Emission	28
Appendix I. Test Instrumentation	64

JNM Korea Testing Center Co. Ltd. 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do, Korea 12813 Tel: +82-31-727-8300 Fax: +82-31-764-0800	Report No.: TR-W2609-017 Page (3) / (64) Pages	
--	---	---

Revision History

Date	Report No.	Description	Revised By	Reviewed By
2026-09-22	TR-W2609-017	Initial report	Park, Jun-il	Hwang, Jin-young

1. Test Summary

1.1 Test standards and results

The sample submitted for evaluation (Hereafter refer to as the EUT) has been tested in accordance with the following standards.

Agency	Applicable Section	Test Items	Results	Note
FCC	Part 18 Section 18.307	Conducted Emissions	C	-
	Part 18 Section 18.305	Radiated Emissions	C	-

Remark:

EUT (Model Name: LSIU6338XE) corresponds to induction cooking ranges equipment

C means Comply	N/C means Not Comply	N/A means Not Applicable
-----------------------	-----------------------------	---------------------------------

1.2 Test Methodology

FCC: ANSI C 63.4:2014, FCC CFR 47 Part 2, and Part 18, FCC/OST MP-5(1986)

1.3 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

1.4 Purpose of the test

To determine whether the equipment under test fulfills the FCC Rules, Regulation and standards stated in section 1.1 and 1.2.

JNM Korea Testing Center Co. Ltd. 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do, Korea 12813 Tel: +82-31-727-8300 Fax: +82-31-764-0800	Report No.: TR-W2609-017 Page (5) / (64) Pages	
--	---	---

1.5 Test Facility

The measurement facilities are located at 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do 12813, Korea. Our test facilities are accredited as a Conformity Assessment Body (CAB) by the FCC and ISED Canada, designated by the RRA (National Radio Research Agency), and accredited by KOLAS (Korea Laboratory Accreditation Scheme) in Korea and approved by TÜV SÜD and Korean Register of Shipping according to the requirement of ISO/IEC 17025.

Laboratory Qualification	Registration No.	Mark
FCC	KR0160	
ISED Canada	12721A	
RRA	KR0160	
TÜV SÜD	CARAT 094465 0004 Rev.00	
Korean Agency for Technology and Standards	KT733	
Korea Register of Shipping	PCT40841-TL001	
VCCI	Member No: 4297 Registration No.: C-20140, T-20140, R-20184, G-20179	

Remark. This report is not related to KOLAS accreditation and relevant regulation.

2. General Product Description

2.1 Equipment Description

Description
The EUT is an electric product that directly heats the pot itself using a magnetic field.

2.2 Equipment Information

FCC ID	2B03LS47A11KB
Product	ELECTRIC INDUCTION RANGE
Test Model	LSIU6338XE
Classification of Equipment	☒ Except for Class A ☐ Class A
Highest Clock Frequency	133 MHz (Cooking coil operation Frequency: 20 kHz ~ 75 kHz)
Input Power Rating	12.1 kW AC 120/240 V or 10.2 kW AC 120/208 V
Tested Power Supply	AC 208 V / 60 Hz, AC 240 V / 60 Hz
I/O Ports	AC IN
Wireless Function	BT & Wi-Fi Module (FCC ID : BEJ-LCWB004)

2.3 Additional Model Name(s)

Model Name	Model Difference
LSIU6338XE	Basic Model
LSIU6338NE	The exterior color has been changed to white, and the handle color has also been modified; however, the electrical circuits, functions, and components of the derivative model remain identical to those of the base model.
Note: The information about the additional models was listed by the manufacturer's declaration.	

3. Test Condition and Operating Modes

3.1 Description of associated equipment

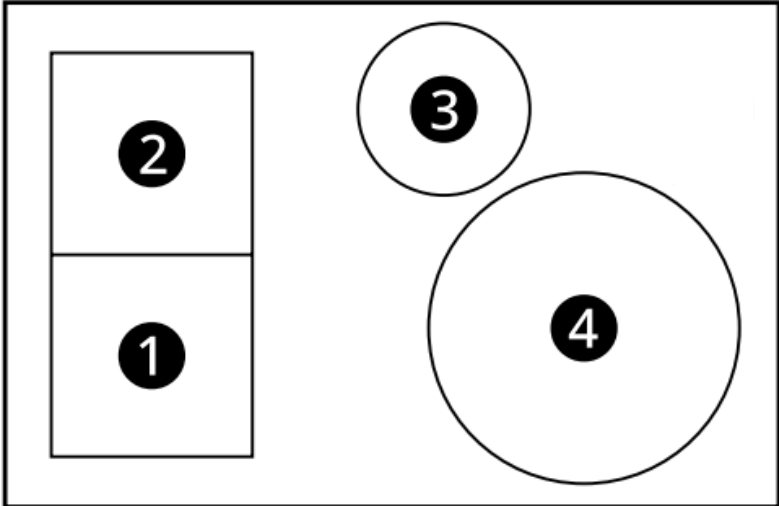
The following peripheral devices and/or interface cables were connected during the measurement:

Description	Model No.	Serial No.	Manufacturer.
ELECTRIC INDUCTION RANGE (EUT)	LSIU6338XE	N/A	LG Electronics Inc.

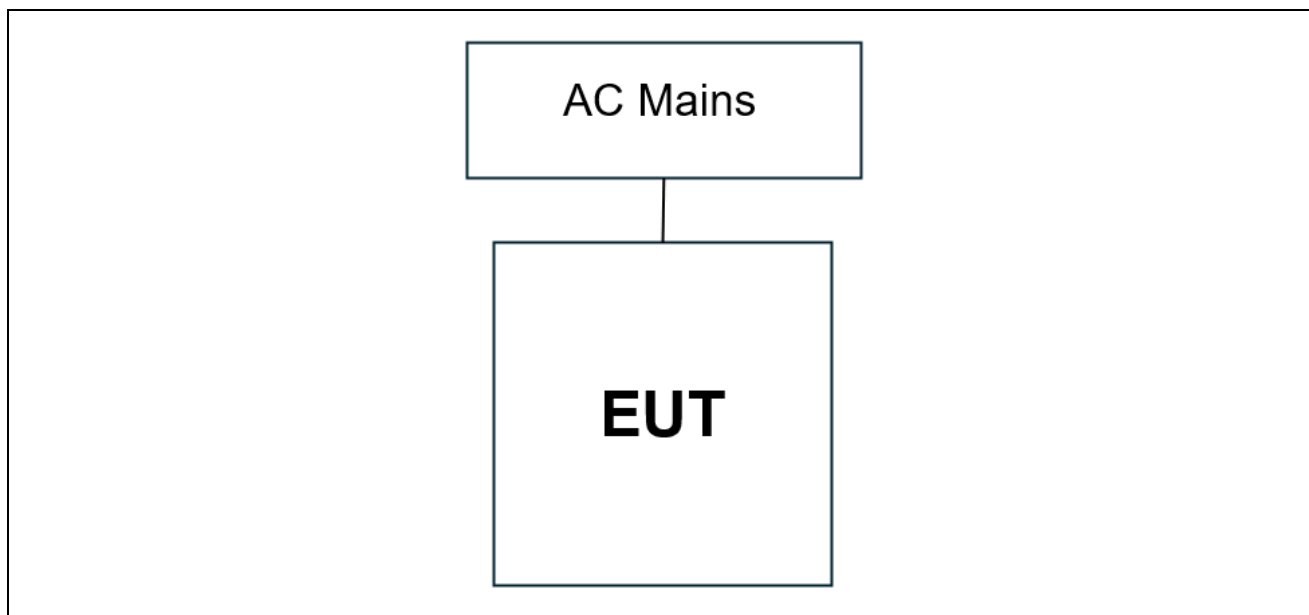
3.2 Description of cable(s)

Description	Ports Name	Shielded (Y/N)	Ferrite Core (Y/N)	Length (m)	Connected to
EUT	AC IN	N	N	1.8	AC MAIN
-	-	-	-	-	-

3.3 Modes of operation during the test

Test Mode	Description
Mode #1	This device has been tested in the configuration of induction mode with WLAN module operating. Induction heating mode: This device has been operated (boost mode) with an enameled steel vessel filled with tap water up to 80 % of its maximum capacity. The test was conducted with the four cooking zones of the induction cooktop activated separately and water was boiled. Cooking zone: (Left Front #1 / Left Rear #2 / Center Rear #3 / Right Front #4) - Position of cooking element 

3.4 Test Setup Configuration



4. EUT Modifications

- No EMC-related modifications were made to the EUT by this test laboratory.

5. Emission Tests

5.1 Conducted Emission

5.1.1 Test setup

The test procedure was in accordance with ANSI C63.4-2014, Clause 7.3

The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).

If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).

Other support units were connected to the power mains through another LISN.

The two LISN provide 50 Ω /50 μ H of coupling impedance for the measuring instrument.

Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.

The frequency ranges from 9 kHz to 30 MHz was searched.

The test set-up photos are included in appendix II.

5.1.2 Measurement uncertainty

Frequency range	Uncertainty
9 kHz ~ 30 MHz	2.30 dB

The measurement uncertainties are given with 95 % confidence with the coverage factor, $k = 2$.

5.1.3 Limits

FCC Part 18 §18.307 Conduction limits

(a) All induction cooking ranges and ultrasonic equipment:

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.009~0.05	110	-
0.05-0.15	90~80*	-
0.15~0.5	66 to 56*	56 to 46*
0.5~5	56	46
5~30	60	50
* Decreases with the logarithm of the frequency.		

(b) All other part 18 consumer devices:

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5~30	60	50

(b) All other part 18 consumer devices:

Frequency of emission (MHz)	Maximum RF line voltage measured with a 50 μH /50 Ω LISN (μV)
Non-consumer equipment:	
0.45 to 1.6	1,000
1.6 to 30	3,000
Consumer equipment:	
0.45 to 2.51	250
2.51 to 3.0	3,000
3.0 to 30	250

Note) Formula

Final Value (QP and/or AV) = Reading Value (QP and/or AV) + Corr.(LISN/ISN/Current probe Insertion Loss + Cable Loss)

Margin (QP and/or AV) = Limit – Final Value (QP and/or AV)

QP = Quasi-Peak, AV = Average, Corr. = Correction Factor

5.1.4 Test Result

Date of Test	2026-09-18		
Temperature	(21.2 ± 1) °C	Relative humidity	(55.4 ± 1) % R.H.
Frequency range	RBW	VBW	Detector Mode
0.15 MHz ~ 30 MHz	9 kHz	30 kHz	Peak, Q.P and/or Average
Test Mode	Mode #1		
Test Result	Pass	Tested By	Lee, Ju-Ho



5.1.5 Test data

Mode #1(Left Front #1)_AC 208 V

Results of Conducted Emission

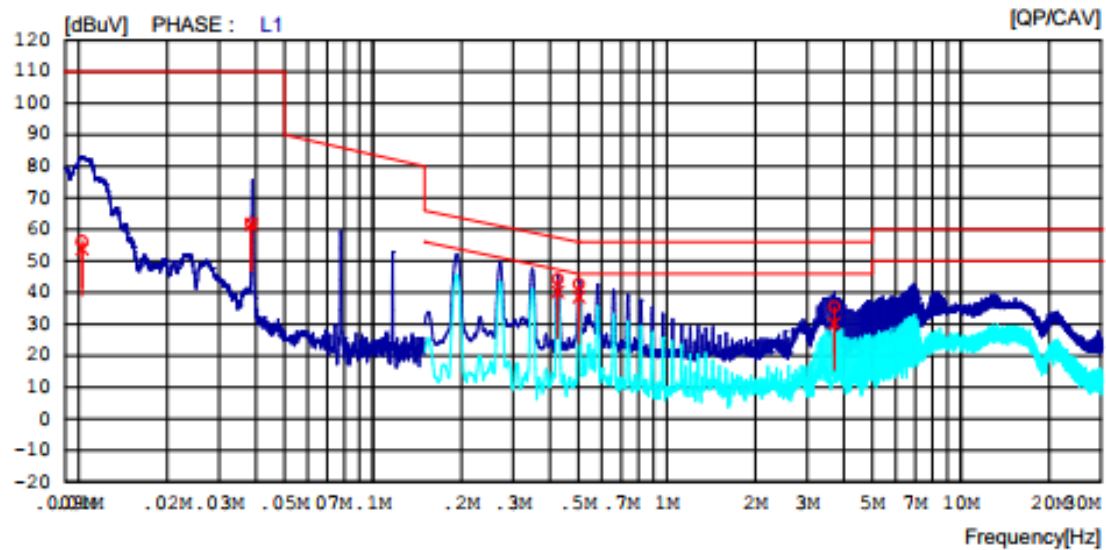
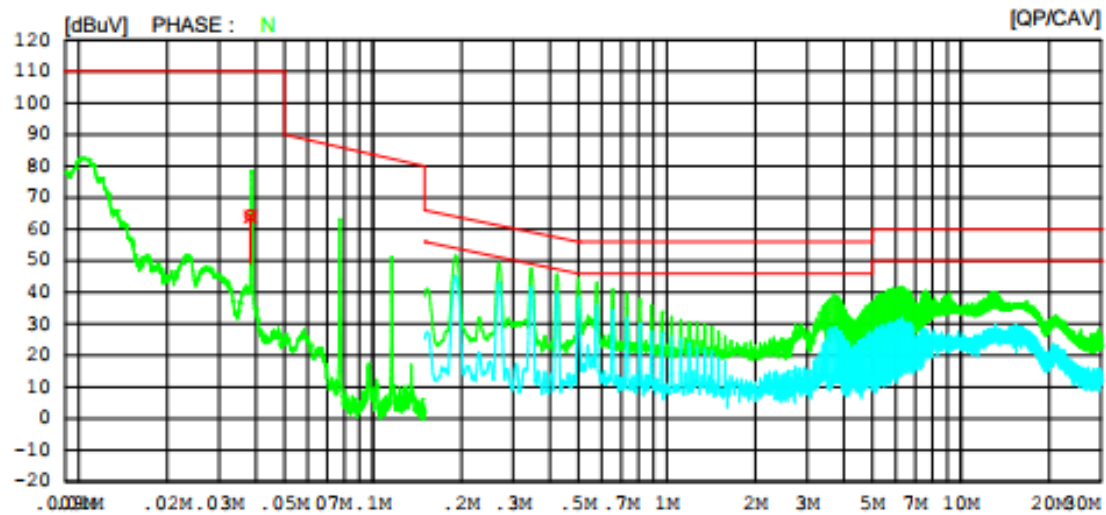
Date : 2026-09-18 (21:12)

Project Number : EA2609C-028
Power Supply : AC 208 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H

Comment : 1 hob (left front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (21:12)

Project Number : EA2609C-028 Power Supply : AC 208 V, 60 Hz Test Condition : Induction Boost mode Location : CE#2	Environment : 21.2 °C, 55.4 % R.H : : :
--	--

Comment : 1 hob (left front)

LIMIT : FCC Part 18 Induction cooking_QP
 FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.03834	54.93	54.50	9.44	64.37	63.94	110.00	----	45.63	----	N
2	0.01027	46.48	43.97	9.84	56.32	53.81	110.00	----	53.68	----	L1
3	0.03861	52.39	52.14	9.48	61.87	61.62	110.00	----	48.13	----	L1
4	0.42523	34.92	30.83	9.42	44.34	40.25	57.35	47.35	13.01	7.10	L1
5	0.50268	33.25	29.21	9.42	42.67	38.63	56.00	46.00	13.33	7.37	L1
6	3.70981	26.03	20.75	9.48	35.51	30.23	56.00	46.00	20.49	15.77	L1



Mode #1(Left Rear #2)_AC 208 V

Results of Conducted Emission

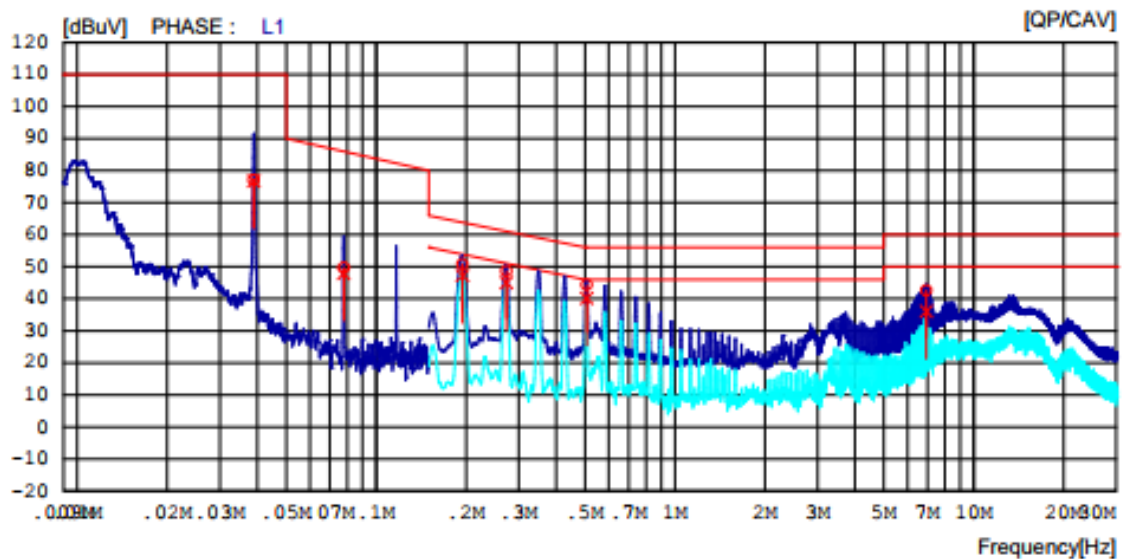
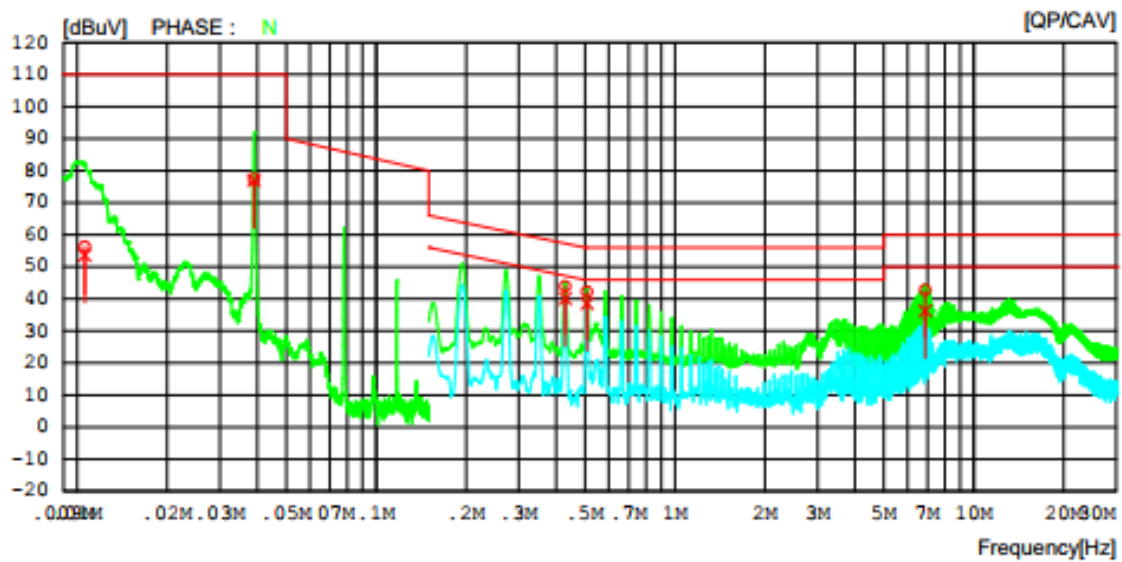
Date : 2026-09-18 (20:53)

Project Number : EA2609C-028
Power Supply : AC 208 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H
:
:
:

Comment : 2 hob (left rear)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (20:53)

Project Number : EA2609C-028	Environment : 21.2 'C, 55.4 % R.H
Power Supply : AC 208 V, 60 Hz	:
Test Condition : Induction Boost mode	:
Location : CE#2	:
Comment : 2 hob (left rear)	:

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.01059	46.49	43.79	9.82	56.31	53.61	110.00	----	53.69	----	N
2	0.03899	67.98	67.53	9.44	77.42	76.97	110.00	----	32.58	----	N
3	0.42960	34.53	30.69	9.41	43.94	40.10	57.26	47.26	13.32	7.16	N
4	0.50844	32.83	29.16	9.41	42.24	38.57	56.00	46.00	13.76	7.43	N
5	6.86929	33.26	26.74	9.52	42.78	36.26	60.00	50.00	17.22	13.74	N
6	0.03896	67.63	67.26	9.48	77.11	76.74	110.00	----	32.89	----	L1
7	0.07794	40.25	38.49	9.43	49.68	47.92	85.96	----	36.28	----	L1
8	0.19464	41.45	37.86	9.38	50.83	47.24	63.84	53.84	13.01	6.60	L1
9	0.27303	39.23	35.59	9.40	48.63	44.99	61.03	51.03	12.40	6.04	L1
10	0.50671	34.95	30.75	9.42	44.37	40.17	56.00	46.00	11.63	5.83	L1
11	6.93898	33.08	26.49	9.53	42.61	36.02	60.00	50.00	17.39	13.98	L1



Mode #1(Center Rear #3)_AC 208 V

Results of Conducted Emission

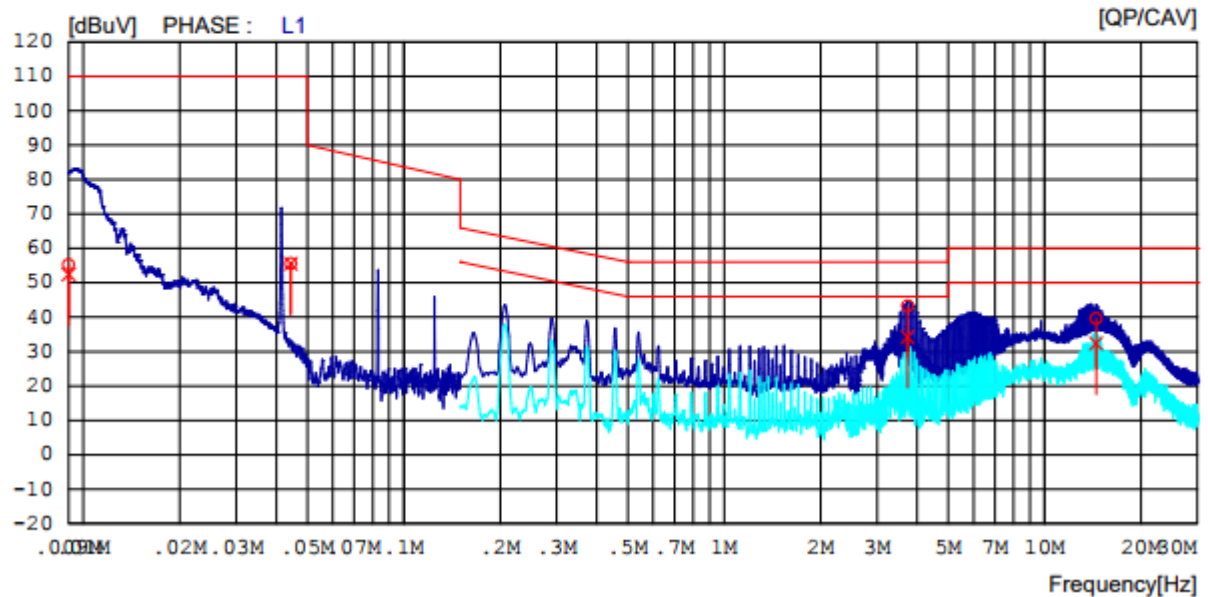
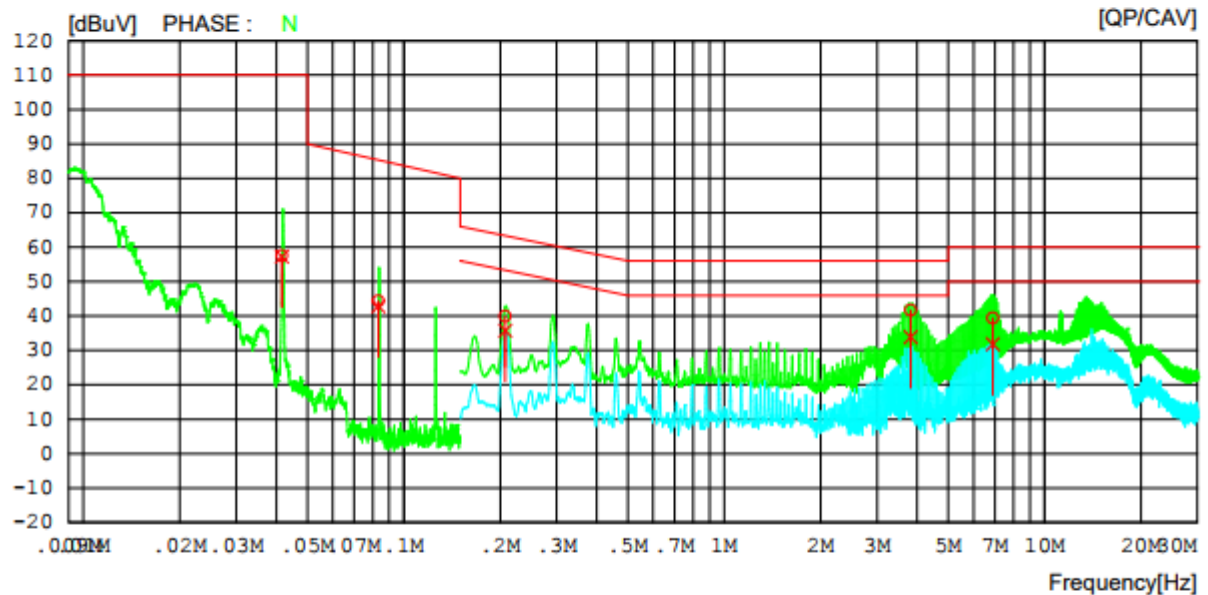
Date : 2026-09-18 (20:26)

Project Number : EA2609C-028
Power Supply : AC 208 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H

Comment : 3 hob (center rear)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (20:26)

Project Number : EA2609C-028 Power Supply : AC 208 V, 60 Hz Test Condition : Induction Boost mode Location : CE#2	Environment : 21.2 'C, 55.4 % R.H : : :
--	--

Comment : 3 hob (center rear)

LIMIT : FCC Part 18 Induction cooking_QP
 FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.04169	48.11	47.82	9.44	57.55	57.26	110.00	----	52.45	----	N
2	0.08331	34.93	33.41	9.40	44.33	42.81	85.35	----	41.02	----	N
3	0.20749	30.61	26.38	9.37	39.98	35.75	63.31	53.31	23.33	17.56	N
4	3.81973	32.26	24.36	9.47	41.73	33.83	56.00	46.00	14.27	12.17	N
5	6.88638	29.92	22.26	9.52	39.44	31.78	60.00	50.00	20.56	18.22	N
6	0.00900	45.37	42.52	9.87	55.24	52.39	110.00	----	54.76	----	L1
7	0.04444	46.15	46.03	9.47	55.62	55.50	110.00	----	54.38	----	L1
8	3.73110	33.80	24.76	9.48	43.28	34.24	56.00	46.00	12.72	11.76	L1
9	14.47691	29.91	22.72	9.65	39.56	32.37	60.00	50.00	20.44	17.63	L1



Mode #1(Right Front #4)_AC 208 V

Results of Conducted Emission

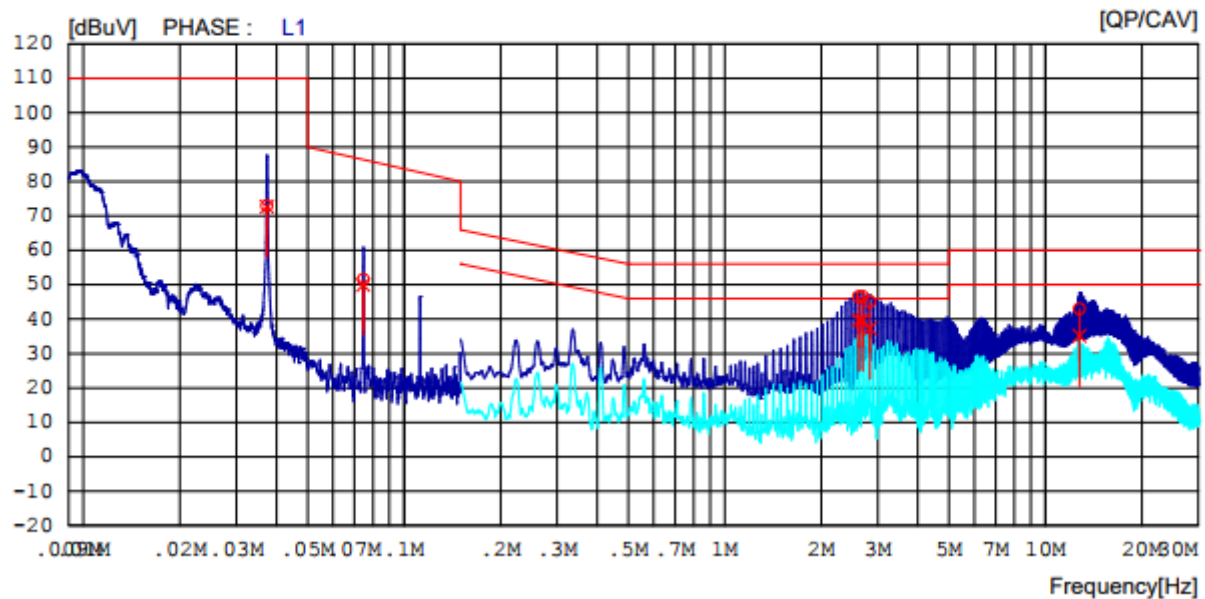
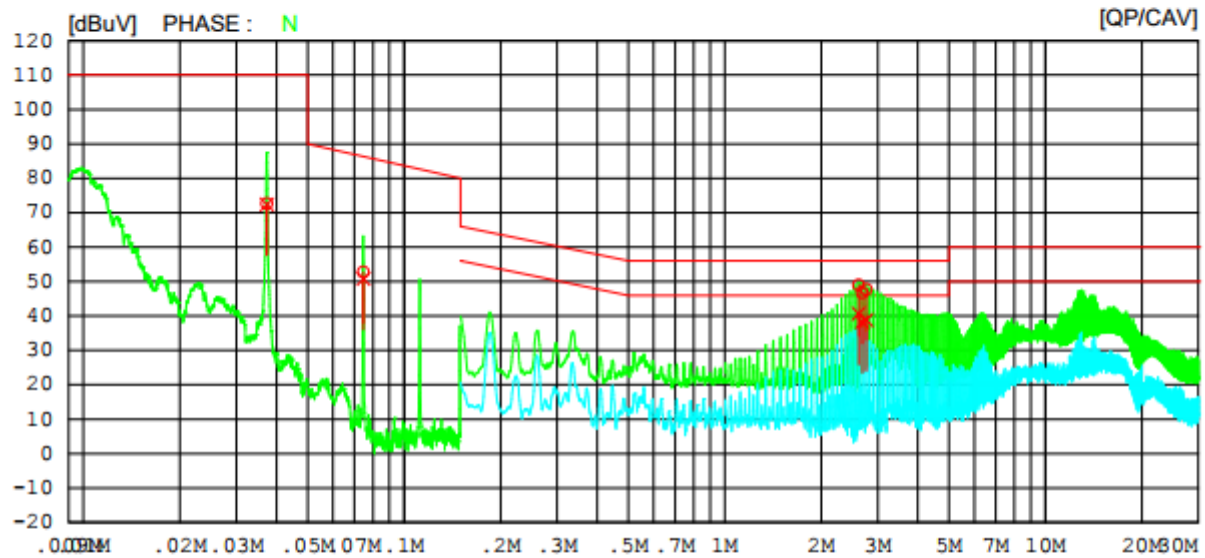
Date : 2026-09-18 (20:09)

Project Number : EA2609C-028
Power Supply : AC 208 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H
:
:
:

Comment : 4 hob (right front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (20:09)

Project Number : EA2609C-028	Environment : 21.2 °C, 55.4 % R.H
Power Supply : AC 208 V, 60 Hz	:
Test Condition : Induction Boost mode	:
Location : CE#2	:

Comment : 4 hob (right front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.03735	63.19	62.92	9.45	72.64	72.37	110.00	-----	37.36	-----	N
2	0.07475	43.34	41.35	9.41	52.75	50.76	86.34	-----	33.59	-----	N
3	2.61400	39.53	31.20	9.45	48.98	40.65	56.00	46.00	7.02	5.35	N
4	2.68730	37.32	28.76	9.45	46.77	38.21	56.00	46.00	9.23	7.79	N
5	2.76619	38.29	29.30	9.45	47.74	38.75	56.00	46.00	8.26	7.25	N
6	0.03732	63.46	63.20	9.48	72.94	72.68	110.00	-----	37.06	-----	L1
7	0.07461	42.11	40.55	9.43	51.54	49.98	86.36	-----	34.82	-----	L1
8	2.61510	37.03	30.19	9.46	46.49	39.65	56.00	46.00	9.51	6.35	L1
9	2.68771	37.16	30.18	9.46	46.62	39.64	56.00	46.00	9.38	6.36	L1
10	2.83650	35.59	27.87	9.46	45.05	37.33	56.00	46.00	10.95	8.67	L1
11	12.76600	33.32	25.55	9.64	42.96	35.19	60.00	50.00	17.04	14.81	L1



Mode #1(Left Front #1)_AC 240 V

Results of Conducted Emission

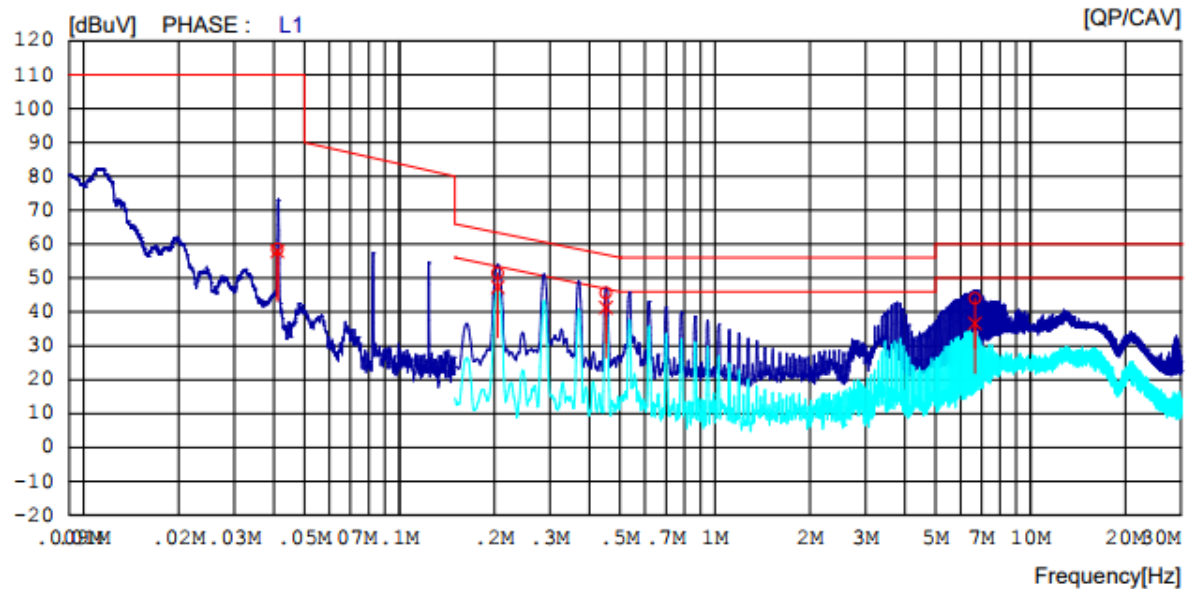
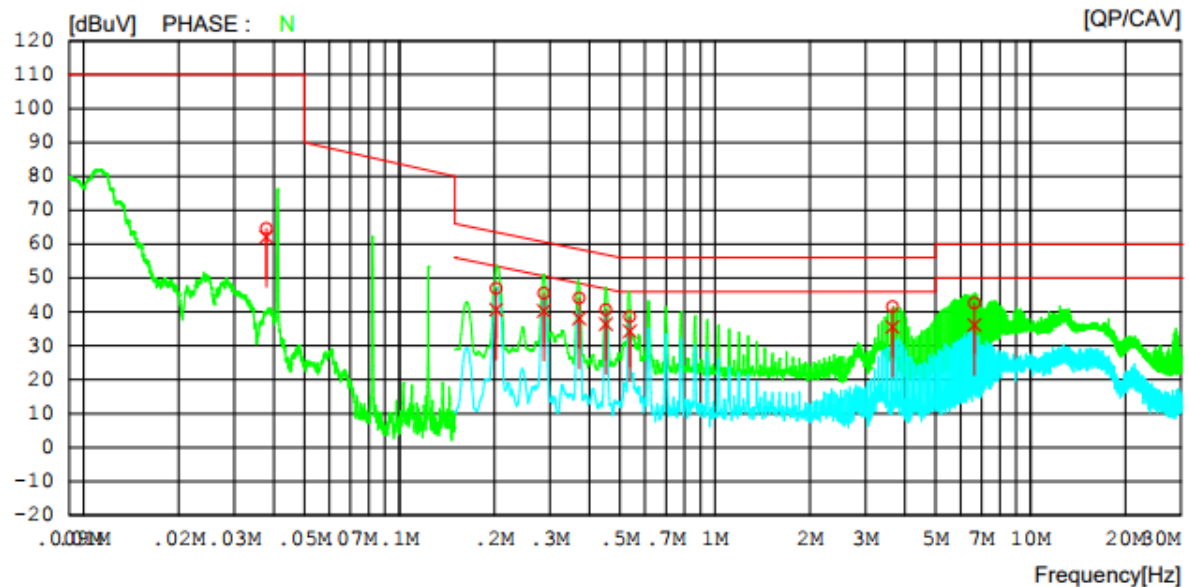
Date : 2026-09-18 (22:00)

Project Number : EA2609C-028
Power Supply : AC 240 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H

Comment : 1 hob (left front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (22:00)

Project Number : EA2609C-028	Environment : 21.2 'C, 55.4 % R.H
Power Supply : AC 240 V, 60 Hz	
Test Condition : Induction Boost mode	
Location : CE#2	

Comment : 1 hob (left front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.03788	55.16	52.65	9.44	64.60	62.09	110.00	----	45.40	----	N
2	0.20250	37.58	31.29	9.37	46.95	40.66	63.51	53.51	16.56	12.85	N
3	0.28707	36.09	30.92	9.40	45.49	40.32	60.61	50.61	15.12	10.29	N
4	0.37131	34.66	28.67	9.41	44.07	38.08	58.47	48.47	14.40	10.39	N
5	0.45161	31.21	26.99	9.41	40.62	36.40	56.85	46.85	16.23	10.45	N
6	0.53794	29.21	24.85	9.41	38.62	34.26	56.00	46.00	17.38	11.74	N
7	3.65157	32.11	26.10	9.47	41.58	35.57	56.00	46.00	14.42	10.43	N
8	6.64542	33.07	26.60	9.52	42.59	36.12	60.00	50.00	17.41	13.88	N
9	0.04108	49.10	48.42	9.47	58.57	57.89	110.00	----	51.43	----	L1
10	0.20524	42.05	37.89	9.38	51.43	47.27	63.40	53.40	11.97	6.13	L1
11	0.45161	36.17	31.84	9.42	45.59	41.26	56.85	46.85	11.26	5.59	L1
12	6.66211	34.48	27.10	9.53	44.01	36.63	60.00	50.00	15.99	13.37	L1



Mode #1(Left Rear #2)_AC 240 V

Results of Conducted Emission

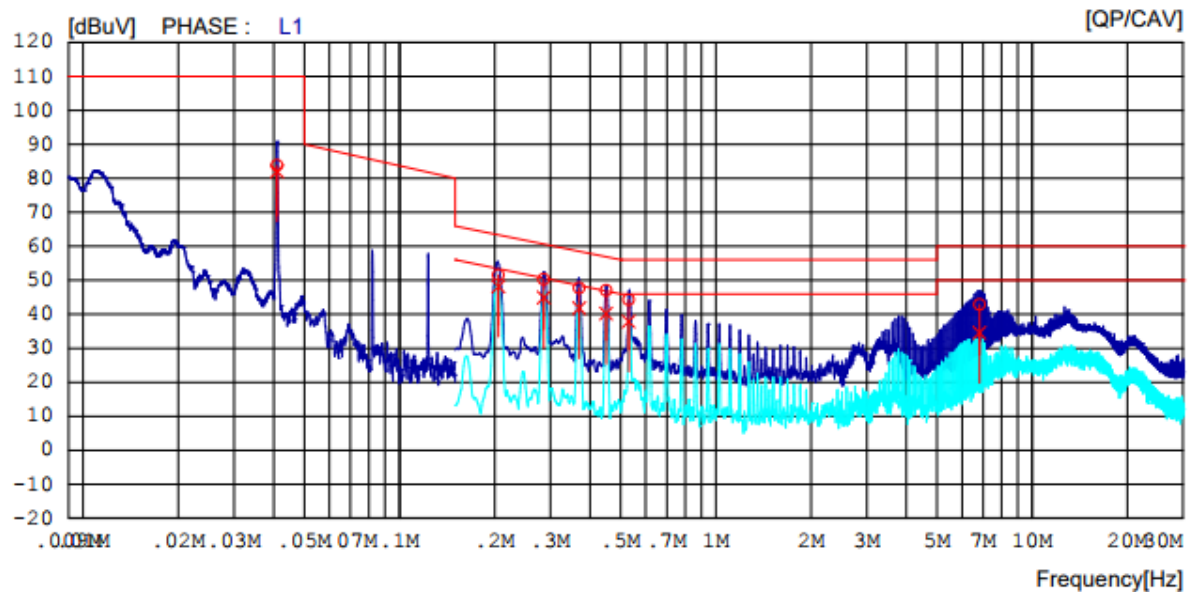
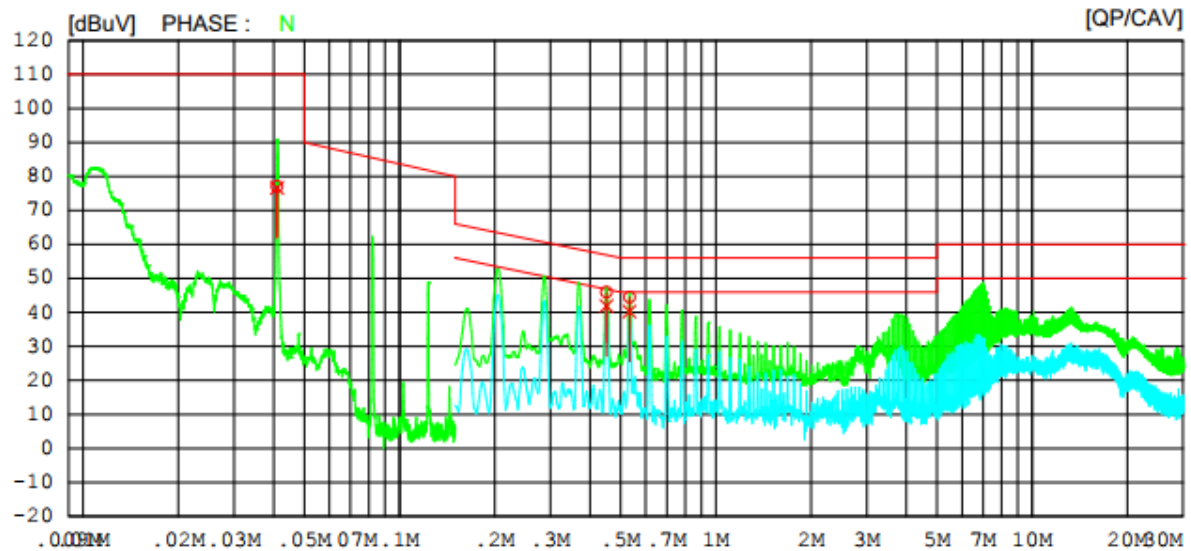
Date : 2026-09-18 (22:19)

Project Number : EA2609C-028
Power Supply : AC 240 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H
:
:
:

Comment : 2 hob (left rear)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (22:19)

Project Number : EA2609C-028	Environment : 21.2 'C, 55.4 % R.H
Power Supply : AC 240 V, 60 Hz	:
Test Condition : Induction Boost mode	:
Location : CE#2	:

Comment : 2 hob (left rear)

LIMIT : FCC Part 18 Induction cooking_QP
 FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.04099	67.60	67.21	9.44	77.04	76.65	110.00	----	32.96	----	N
2	0.45140	36.51	32.46	9.41	45.92	41.87	56.85	46.85	10.93	4.98	N
3	0.53364	35.02	30.84	9.41	44.43	40.25	56.00	46.00	11.57	5.75	N
4	0.04100	74.32	72.56	9.47	83.79	82.03	110.00	----	26.21	----	L1
5	0.20552	42.18	38.76	9.38	51.56	48.14	63.38	53.38	11.82	5.24	L1
6	0.28567	40.88	35.48	9.41	50.29	44.89	60.65	50.65	10.36	5.76	L1
7	0.36981	38.30	32.36	9.42	47.72	41.78	58.51	48.51	10.79	6.73	L1
8	0.45005	37.64	30.78	9.42	47.06	40.20	56.87	46.87	9.81	6.67	L1
9	0.52997	34.89	28.47	9.42	44.31	37.89	56.00	46.00	11.69	8.11	L1
10	6.81031	33.31	25.02	9.53	42.84	34.55	60.00	50.00	17.16	15.45	L1



Mode #1(Center Rear #3)_AC 240 V

Results of Conducted Emission

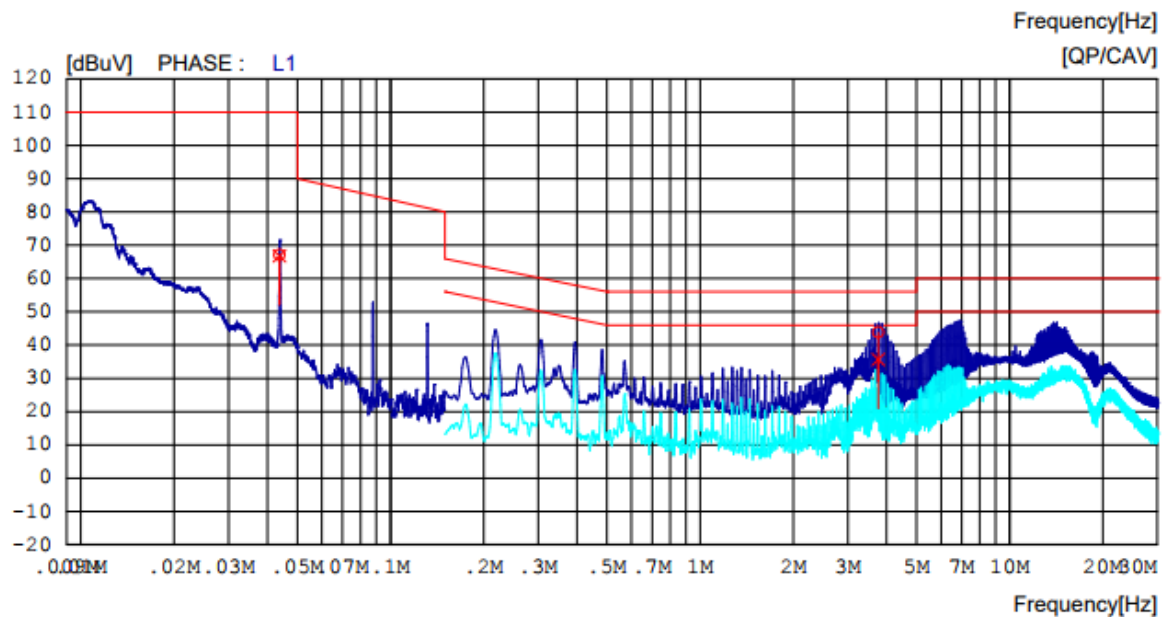
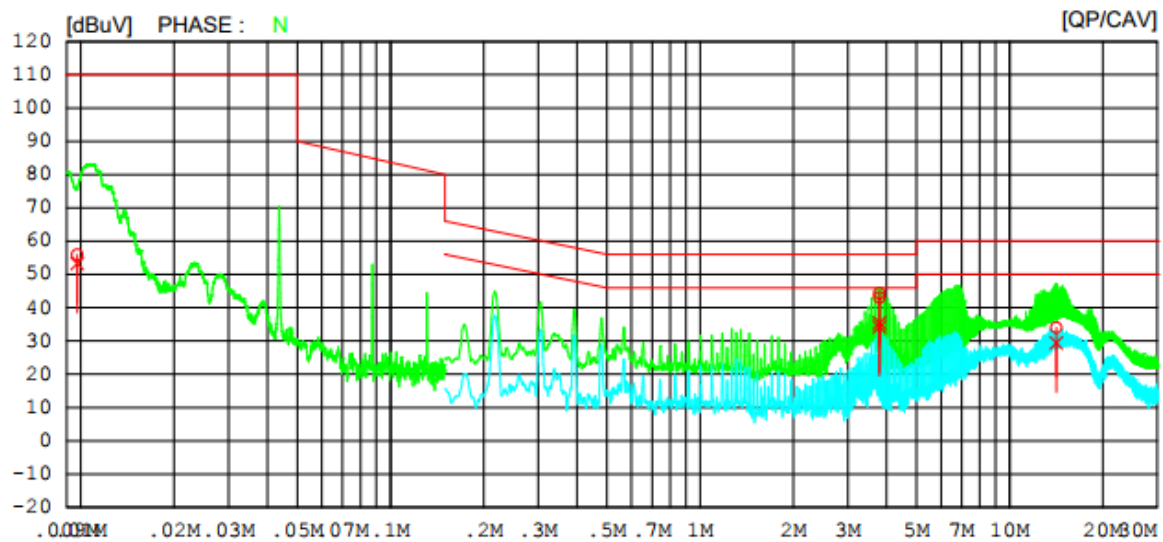
Date : 2026-09-18 (22:39)

Project Number : EA2609C-028
Power Supply : AC 240 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H

Comment : 3 hob (center rear)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (22:39)

Project Number : EA2609C-028	Environment : 21.2 'C, 55.4 % R.H
Power Supply : AC 240 V, 60 Hz	:
Test Condition : Induction Boost mode	:
Location : CE#2	:

Comment : 3 hob (center rear)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.00973	46.12	43.39	9.85	55.97	53.24	110.00	----	54.03	----	N
2	3.79426	34.91	25.94	9.47	44.38	35.41	56.00	46.00	11.62	10.59	N
3	3.79405	33.53	24.78	9.47	43.00	34.25	56.00	46.00	13.00	11.75	N
4	14.14924	24.32	19.77	9.65	33.97	29.42	60.00	50.00	26.03	20.58	N
5	0.04379	57.59	57.34	9.47	67.06	66.81	110.00	----	42.94	----	L1
6	3.76341	34.38	26.19	9.48	43.86	35.67	56.00	46.00	12.14	10.33	L1



Mode #1(Right Front #4)_AC 240 V

Results of Conducted Emission

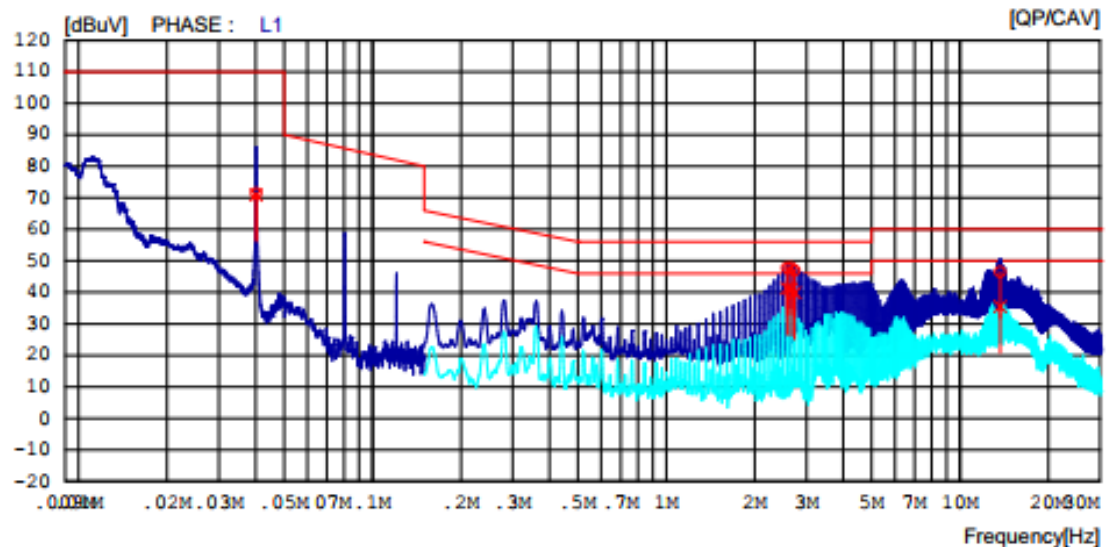
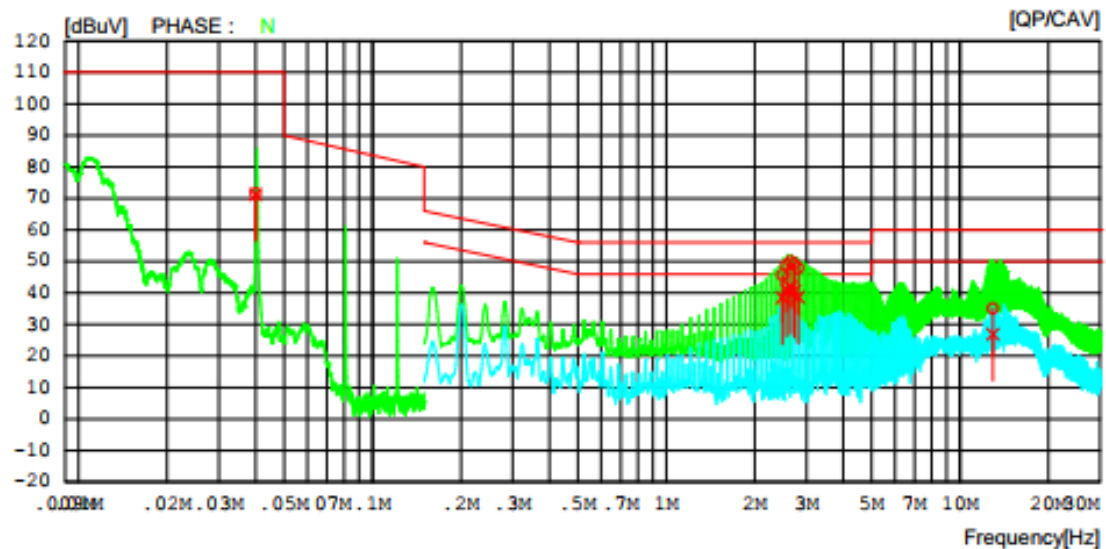
Date : 2026-09-18 (23:00)

Project Number : EA2609C-028
Power Supply : AC 240 V, 60 Hz
Test Condition : Induction Boost mode
Location : CE#2

Environment : 21.2 °C, 55.4 % R.H
:
:
:

Comment : 4 hob (right Front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV



Results of Conducted Emission

Date : 2026-09-18 (23:00)

Project Number : EA2609C-028	Environment : 21.2 °C, 55.4 % R.H
Power Supply : AC 240 V, 60 Hz	:
Test Condition : Induction Boost mode	:
Location : CE#2	:

Comment : 4 hob (right Front)

LIMIT : FCC Part 18 Induction cooking_QP
FCC Part 18 Induction cooking_AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.04001	62.19	61.83	9.44	71.63	71.27	110.00	----	38.37	----	N
2	2.48342	36.25	29.07	9.45	45.70	38.52	56.00	46.00	10.30	7.48	N
3	2.56572	39.32	31.54	9.45	48.77	40.99	56.00	46.00	7.23	5.01	N
4	2.64892	40.60	32.36	9.45	50.05	41.81	56.00	46.00	5.95	4.19	N
5	2.72942	39.88	31.17	9.45	49.33	40.62	56.00	46.00	6.67	5.38	N
6	2.81301	38.49	29.19	9.45	47.94	38.64	56.00	46.00	8.06	7.36	N
7	12.92359	25.48	17.26	9.64	35.12	26.90	60.00	50.00	24.88	23.10	N
8	0.04018	61.92	61.42	9.47	71.39	70.89	110.00	----	38.61	----	L1
9	2.57380	38.28	31.78	9.46	47.74	41.24	56.00	46.00	8.26	4.76	L1
10	2.65440	38.37	31.60	9.46	47.83	41.06	56.00	46.00	8.17	4.94	L1
11	2.73460	37.53	30.35	9.46	46.99	39.81	56.00	46.00	9.01	6.19	L1
12	13.67570	36.90	25.82	9.65	46.55	35.47	60.00	50.00	13.45	14.53	L1

5.2 Radiated Emission

5.2.1 Test setup

The test procedure was in accordance with ANSI C63.4-2014, Clause 8 and Clause 12.2.5

The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi-anechoic chamber.

The table was rotated 360 degrees to determine the position of the highest radiation.

The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

The antenna heights is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength.

Both horizontal and vertical polarizations of the antenna are set to make the measurement.

For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.

The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emission at each frequency of significant emissions, with polarization oriented for maximum response.(1 GHz to 40 GHz)

The test set-up photos are included in appendix II.

5.2.2 Measurement frequency range

FCC Part 18 §18.309

Frequency band in which device operated (MHz)	Range of frequency measurements	
	Lowest frequency	Highest frequency
Below 1.705 MHz	Lowest frequency generated in the device, but not lower than 9 kHz.	30 MHz
(1.705 ~ 108) MHz	Lowest frequency generated in the device, but not lower than 9 kHz.	400 MHz
(108 ~ 500) MHz	Lowest frequency generated in the device, or 25 MHz, whichever is lower.	Tenth harmonic or 1,000 MHz, Whichever is higher.
(500 ~ 1 000) MHz	Lowest frequency generated in the device, or 100 MHz, whichever is lower	Tenth harmonic.
Above 1 000 MHz	-	Tenth harmonic or highest detectable emission

5.2.3 Measurement uncertainty

Frequency range	Uncertainty
Below 1 000 MHz	4.93 dB
Above 1 000 MHz	5.40 dB

The measurement uncertainties are given with 95 % confidence with the coverage factor, $k = 2$.

5.2.4 Limits

§18.305 Field strength limits.

(a) ISM equipment operating on a frequency specified in §18.301 is permitted

unlimited radiated energy in the band specified for that frequency.

(b) The field strength levels of emissions which lie outside the bands specified in

§18.301, unless otherwise indicated, shall not exceed the following:

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

¹Field strength may not exceed $10 \mu\text{V/m}$ 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.

²Reduced to the greatest extent possible.

³Field strength may not exceed $10 \mu\text{V/m}$ at 1600 meters. Consumer equipment is not permitted the increase in field strength otherwise permitted here for over 500 watts.

⁴Induction cooking ranges manufactured prior to February 1, 1980, shall be subject to the field strength limits

for miscellaneous ISM equipment.

Frequency (MHz)	Antenna Distance (m)	Quasi-Peak (dBμV/m)
0.009 to 30	10	82.6
30 to 1 000	3	83.5

At 10 m Distance Quasi-Peak Limit(0.009 MHz to 30 MHz): $20 \log(1\ 500) + 40 \log(30/10) = 82.6$

At 3 m Distance Quasi-Peak Limit(30 MHz to 1 000 MHz): $20 \log(1\ 500) + 20 \log(30/3) = 83.5$

(c) The field strength limits for RF lighting devices shall be the following;

Frequency of emission (MHz)	Field strength limit at 30 m (μV/m)
Non-consumer equipment:	
30-88	30
88-216	50
216-1000	70
Consumer equipment:	
30-88	10
88-216	15
216-1000	20

Note) Formula

Final Value (QP) = Reading Value (QP) + Corr.(Antenna Factor + Cable Loss - Pre-amplifier gain)

Margin (QP) = Limit - Final Value (QP)

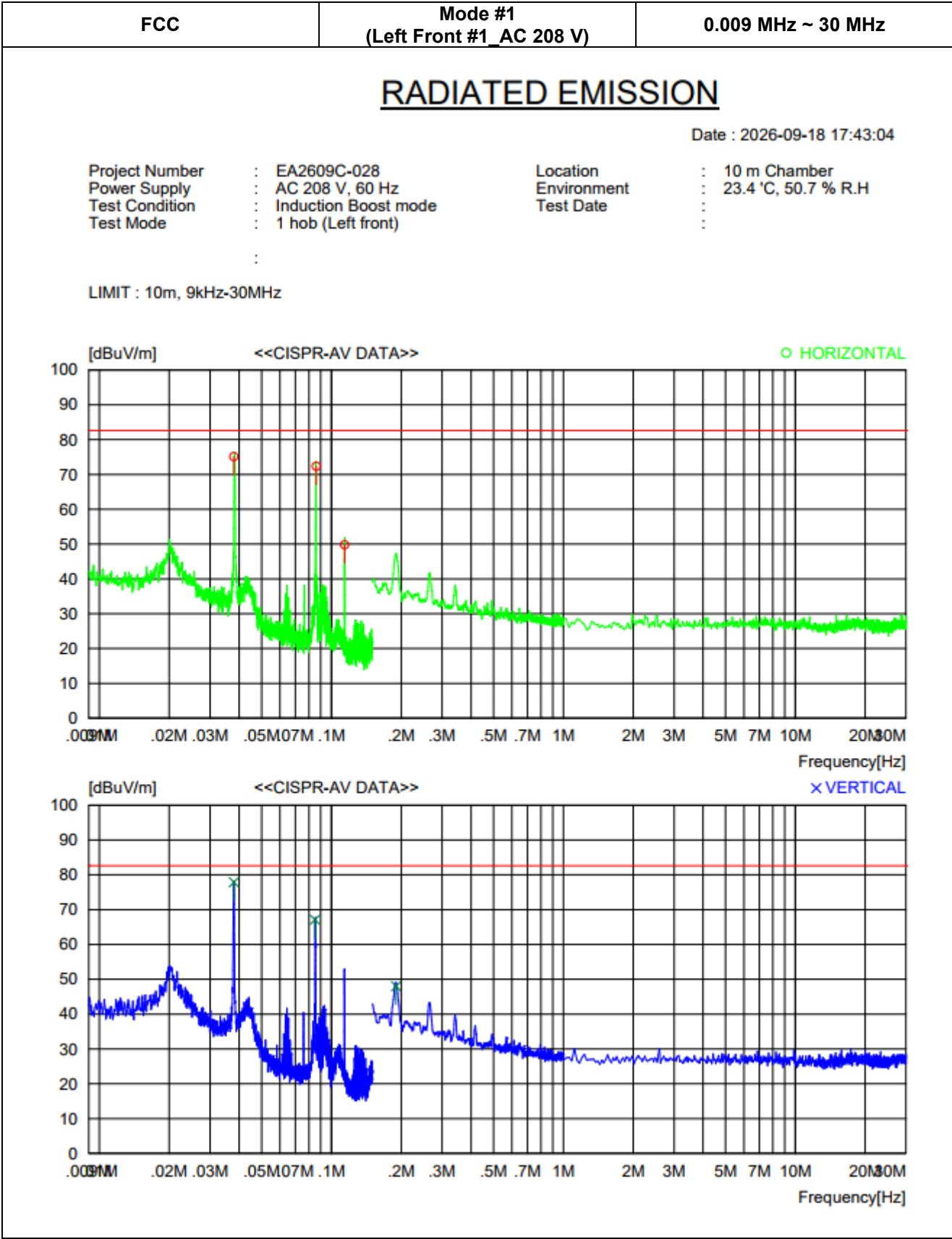
QP = Quasi-Peak, Corr. = Correction Factor

5.2.5 Test Result

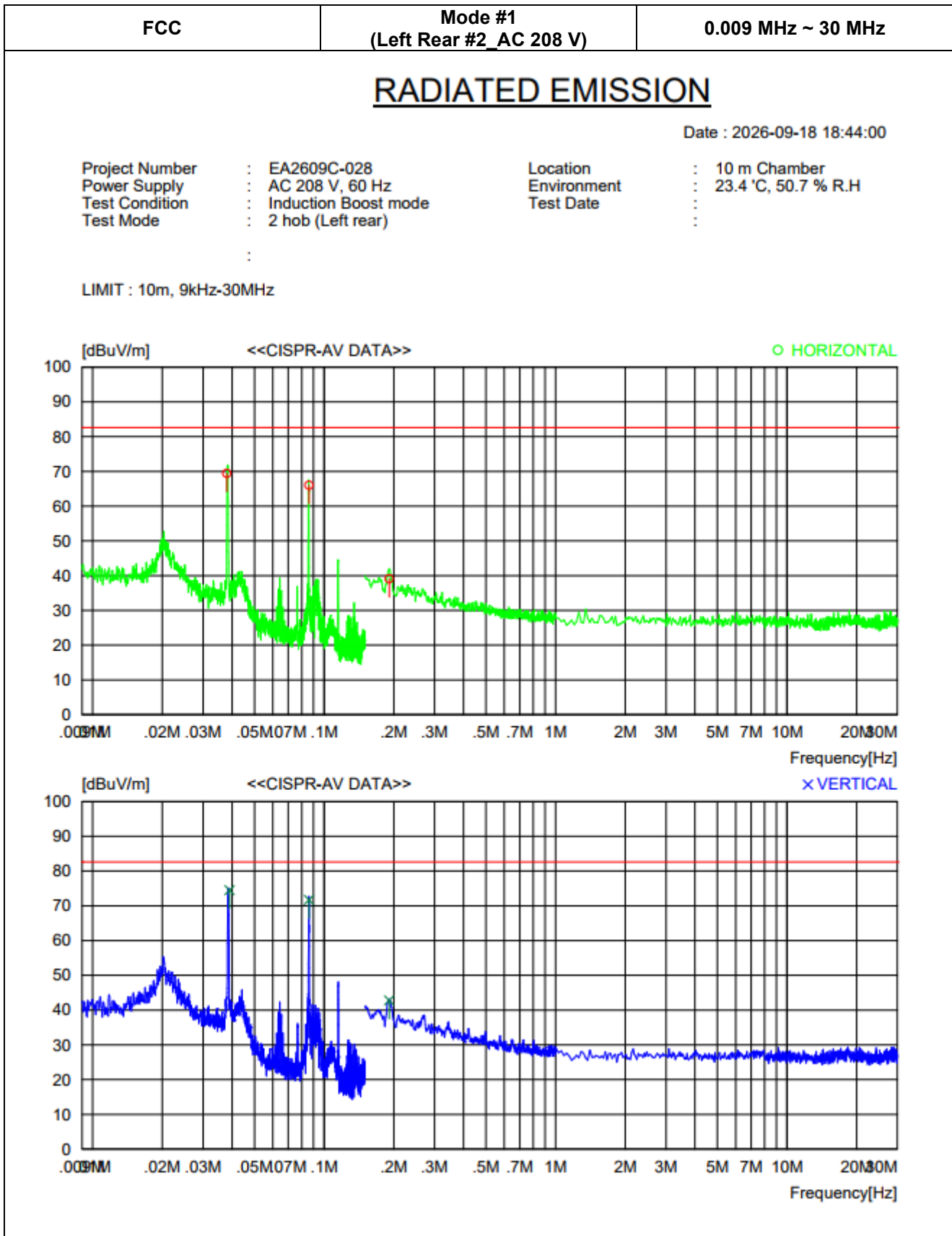
Date of Test	2026.09.18			
Temperature	(23.4 ± 1) °C		Relative humidity	(50.7 ± 1) %R.H.
Operating Input Voltage	208 Vac / 240 Vac		Input Frequency	60 Hz
Frequency range	RBW	VBW	Detector Mode	Measurement distance
Below 1 000 MHz	9 kHz	30 kHz	Peak or Q.P.	10 m
Test Mode	Mode #1			
Test Result	Pass	Tested By	Park, Jun-il	

Date of Test	2026.09.18			
Temperature	(23.7 ± 1) °C		Relative humidity	(51.4 ± 1) %R.H.
Operating Input Voltage	208 Vac / 240 Vac		Input Frequency	60 Hz
Frequency range	RBW	VBW	Detector Mode	Measurement distance
Below 1 000 MHz	120 kHz	300 kHz	Peak or Q.P.	3 m
Test Mode	Mode #1			
Test Result	Pass	Tested By	Park, Jun-il	

5.2.6 Test data



<



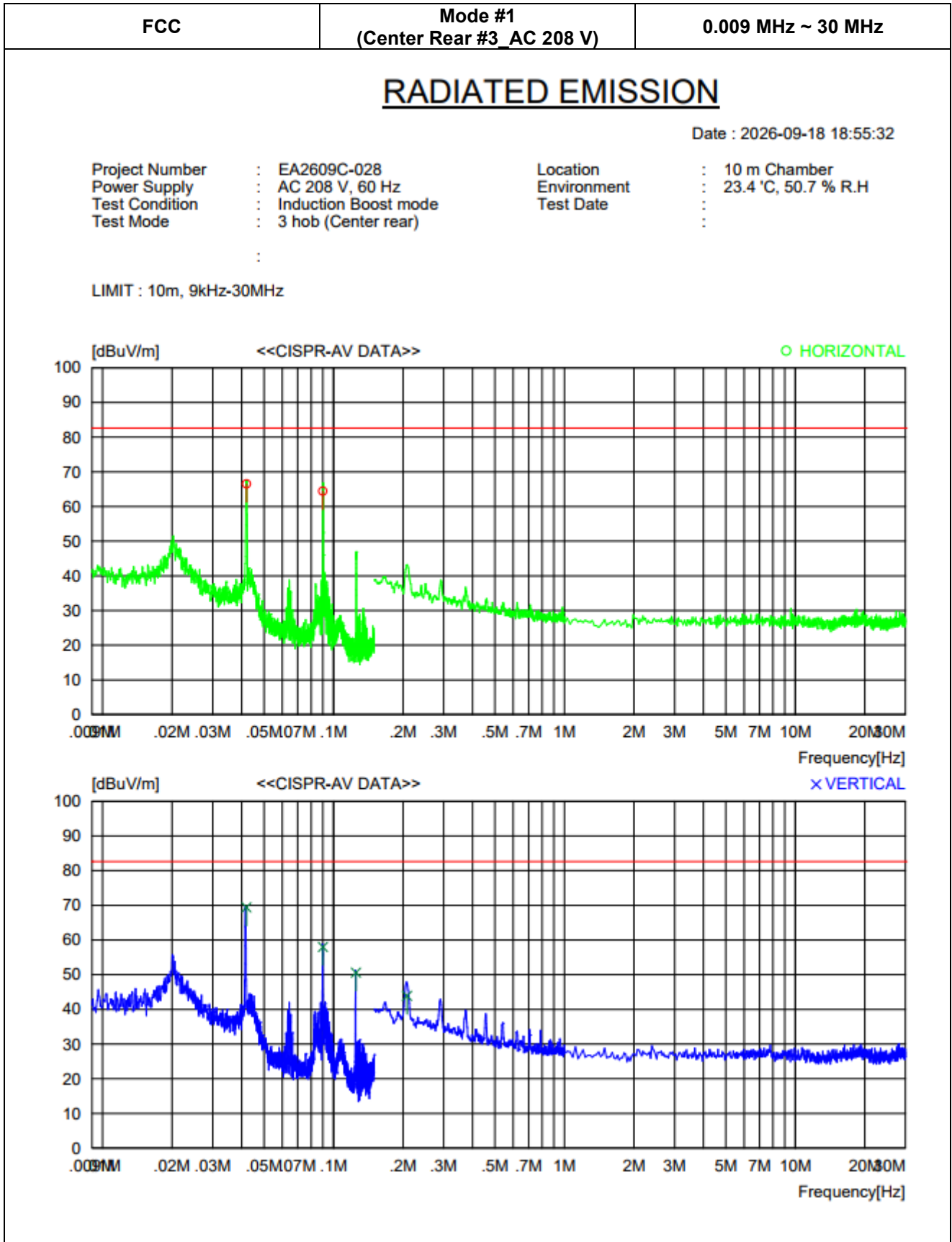
RADIATED EMISSION

Date : 2026-09-18 18:44:00

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 208 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 2 hob (Left rear)	:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.038	82.0	19.7	0.4	32.7	69.4	82.6	13.2	200	359
2	0.086	78.9	19.5	0.3	32.7	66.0	82.6	16.6	200	358
3	0.191	52.1	19.5	0.2	32.7	39.1	82.6	43.5	200	0
----- Vertical -----										
4	0.039	87.1	19.7	0.4	32.7	74.5	82.6	8.1	200	0
5	0.086	84.6	19.5	0.3	32.7	71.7	82.6	10.9	200	3
6	0.191	55.8	19.5	0.2	32.7	42.8	82.6	39.8	200	359



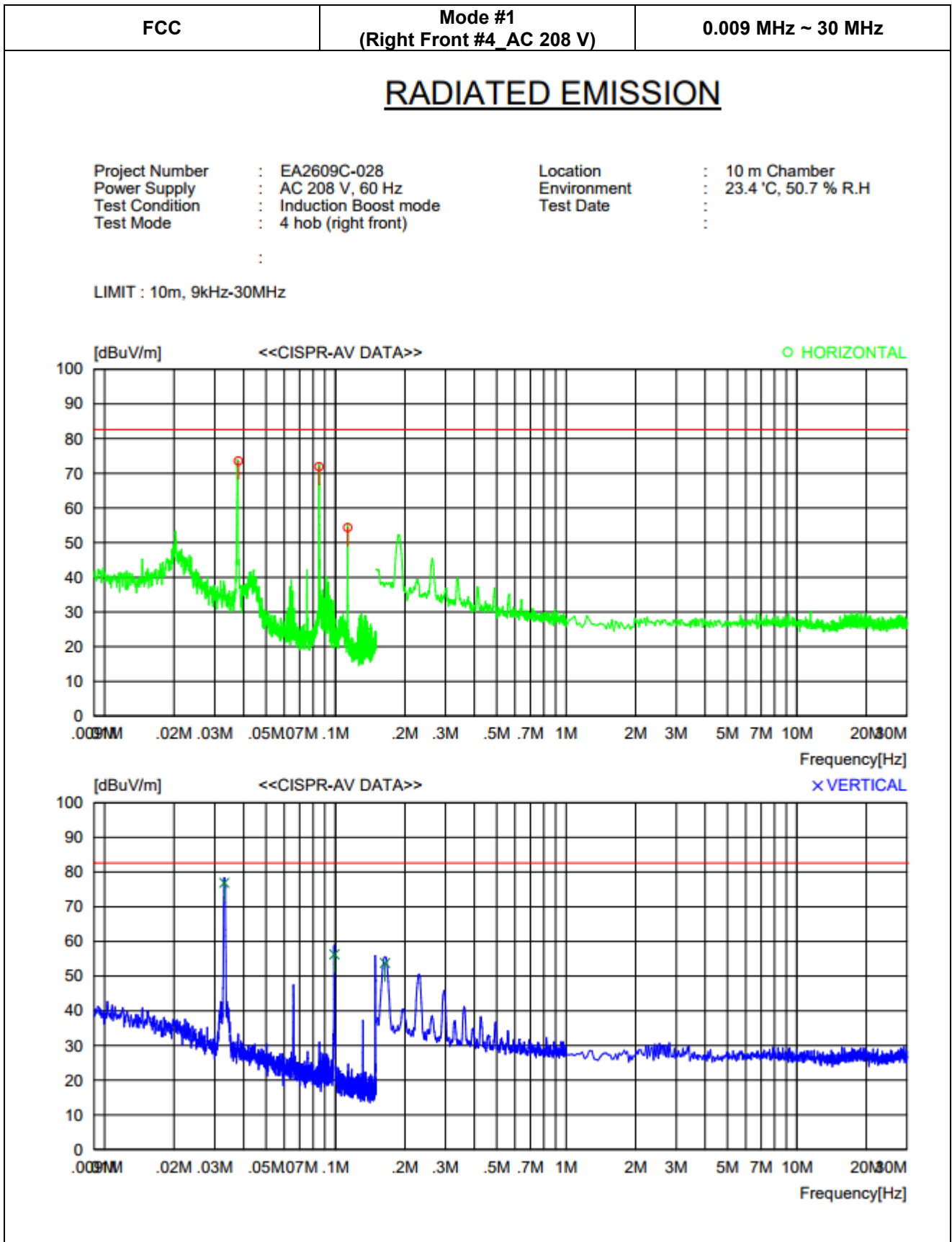
RADIATED EMISSION

Date : 2026-09-18 18:55:32

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 208 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 3 hof (Center rear)	

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.042	79.2	19.6	0.4	32.7	66.5	82.6	16.1	200	348
2	0.090	77.3	19.5	0.3	32.7	64.4	82.6	18.2	200	7
----- Vertical -----										
3	0.042	82.1	19.6	0.4	32.7	69.4	82.6	13.2	200	276
4	0.090	70.9	19.5	0.3	32.7	58.0	82.6	24.6	200	353
5	0.125	63.5	19.5	0.3	32.7	50.6	82.6	32.0	200	359
6	0.208	56.9	19.5	0.2	32.7	43.9	82.6	38.7	200	117



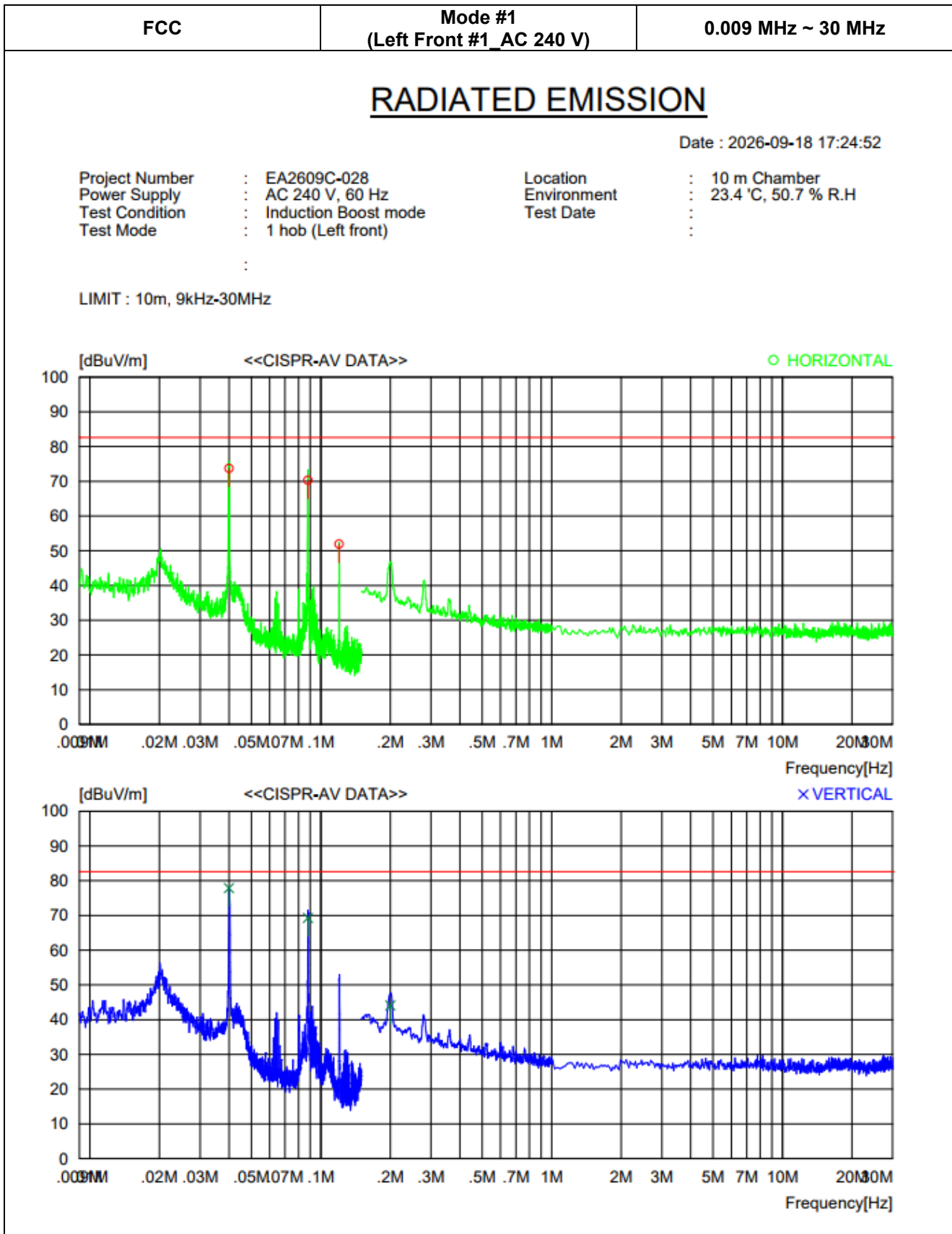
RADIATED EMISSION

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 208 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 4 hob (right front)	:

:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.038	86.1	19.7	0.4	32.7	73.5	82.6	9.1	200	0
2	0.085	84.9	19.5	0.3	32.8	71.9	82.6	10.7	200	3
3	0.113	67.2	19.5	0.3	32.7	54.3	82.6	28.3	200	0
----- Vertical -----										
4	0.033	89.4	19.7	0.4	32.6	76.9	82.6	5.7	200	142
5	0.099	69.2	19.5	0.3	32.7	56.3	82.6	26.3	200	317
6	0.164	66.9	19.5	0.1	32.7	53.8	82.6	28.8	200	359



RADIATED EMISSION

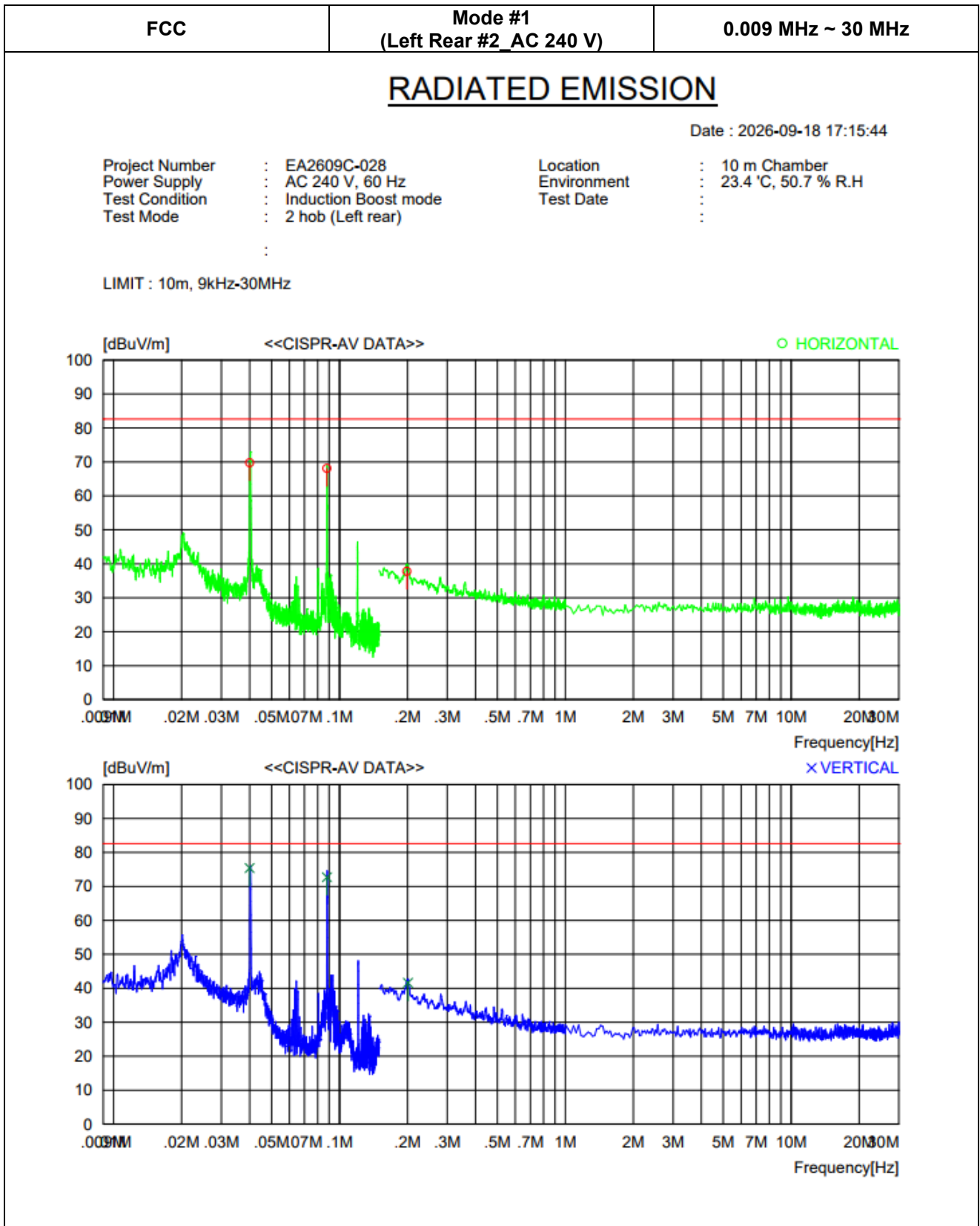
Date : 2026-09-18 17:24:52

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 240 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 1 hob (Left front)	:

:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.040	86.3	19.7	0.4	32.7	73.7	82.6	8.9	200	0
2	0.088	83.2	19.5	0.3	32.7	70.3	82.6	12.3	200	8
3	0.120	64.8	19.5	0.3	32.7	51.9	82.6	30.7	200	0
----- Vertical -----										
4	0.040	90.5	19.7	0.4	32.7	77.9	82.6	4.7	200	249
5	0.088	82.2	19.5	0.3	32.7	69.3	82.6	13.3	200	354
6	0.200	57.1	19.5	0.2	32.7	44.1	82.6	38.5	200	0



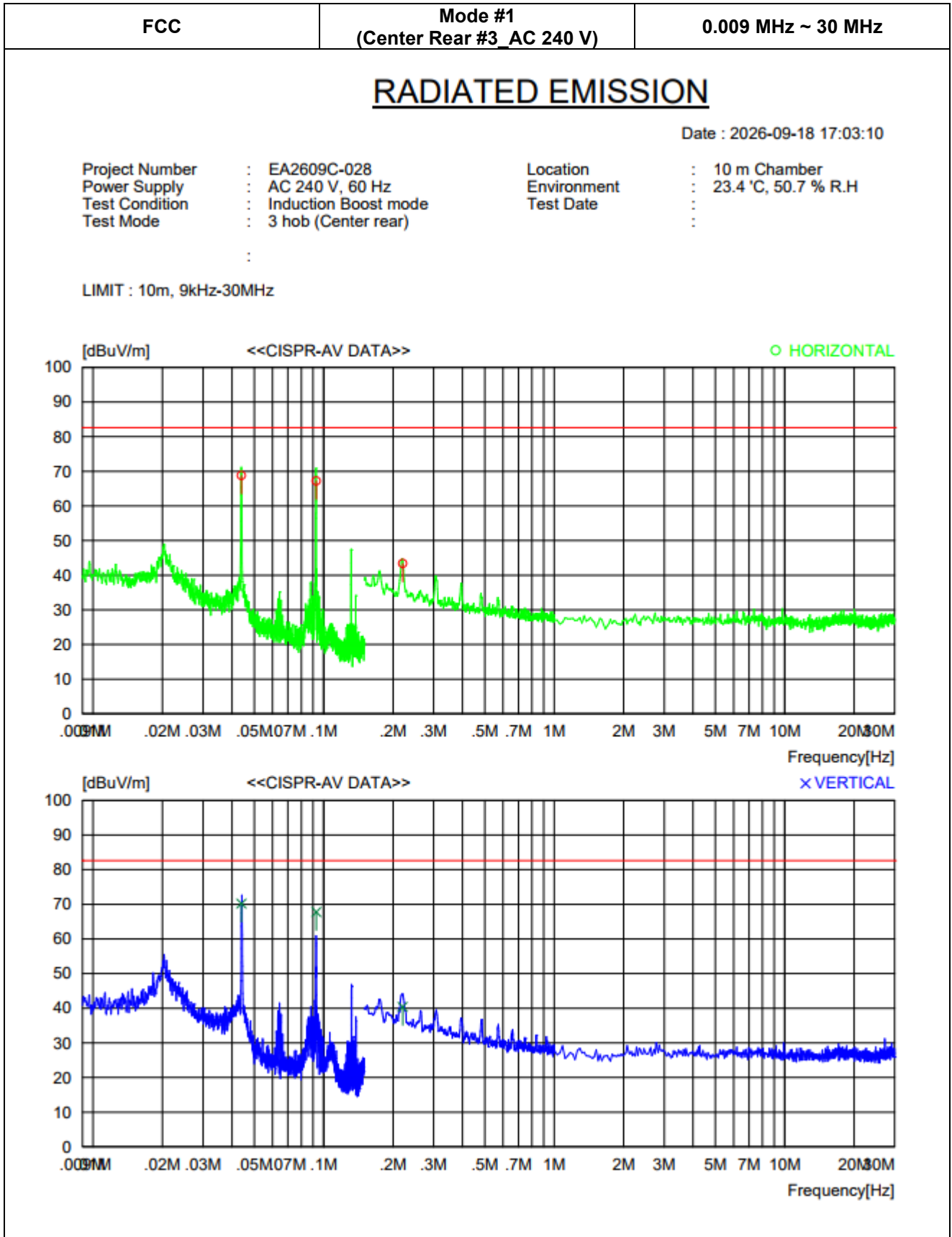
RADIATED EMISSION

Date : 2026-09-18 17:15:44

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 240 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 2 hob (Left rear)	:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.040	82.3	19.7	0.4	32.7	69.7	82.6	12.9	200	359
2	0.088	81.0	19.5	0.3	32.7	68.1	82.6	14.5	200	358
3	0.199	50.8	19.5	0.2	32.7	37.8	82.6	44.8	200	0
----- Vertical -----										
4	0.040	88.0	19.7	0.4	32.7	75.4	82.6	7.2	200	326
5	0.088	85.6	19.5	0.3	32.7	72.7	82.6	9.9	200	7
6	0.201	54.6	19.5	0.2	32.7	41.6	82.6	41.0	200	359



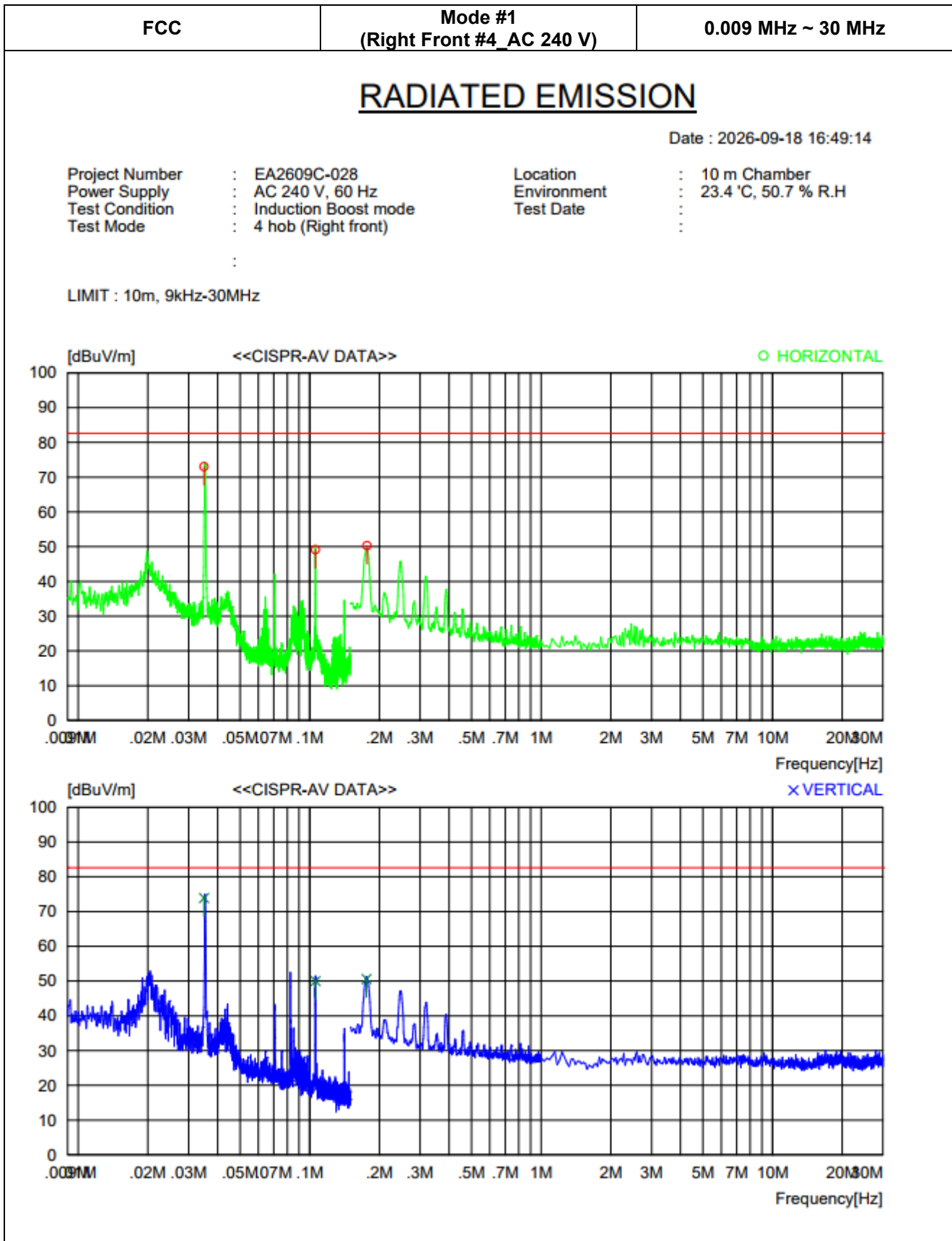
RADIATED EMISSION

Date : 2026-09-18 17:03:10

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 240 V, 60 Hz	Environment : 23.4 °C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 3 hob (Center rear)	:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.044	81.5	19.6	0.4	32.7	68.8	82.6	13.8	200	0
2	0.093	80.1	19.5	0.3	32.7	67.2	82.6	15.4	200	2
3	0.220	56.4	19.5	0.2	32.7	43.4	82.6	39.2	200	72
----- Vertical -----										
4	0.044	82.9	19.6	0.4	32.7	70.2	82.6	12.4	200	87
5	0.093	80.7	19.5	0.3	32.7	67.8	82.6	14.8	200	358
6	0.220	53.4	19.5	0.2	32.7	40.4	82.6	42.2	200	0



RADIATED EMISSION

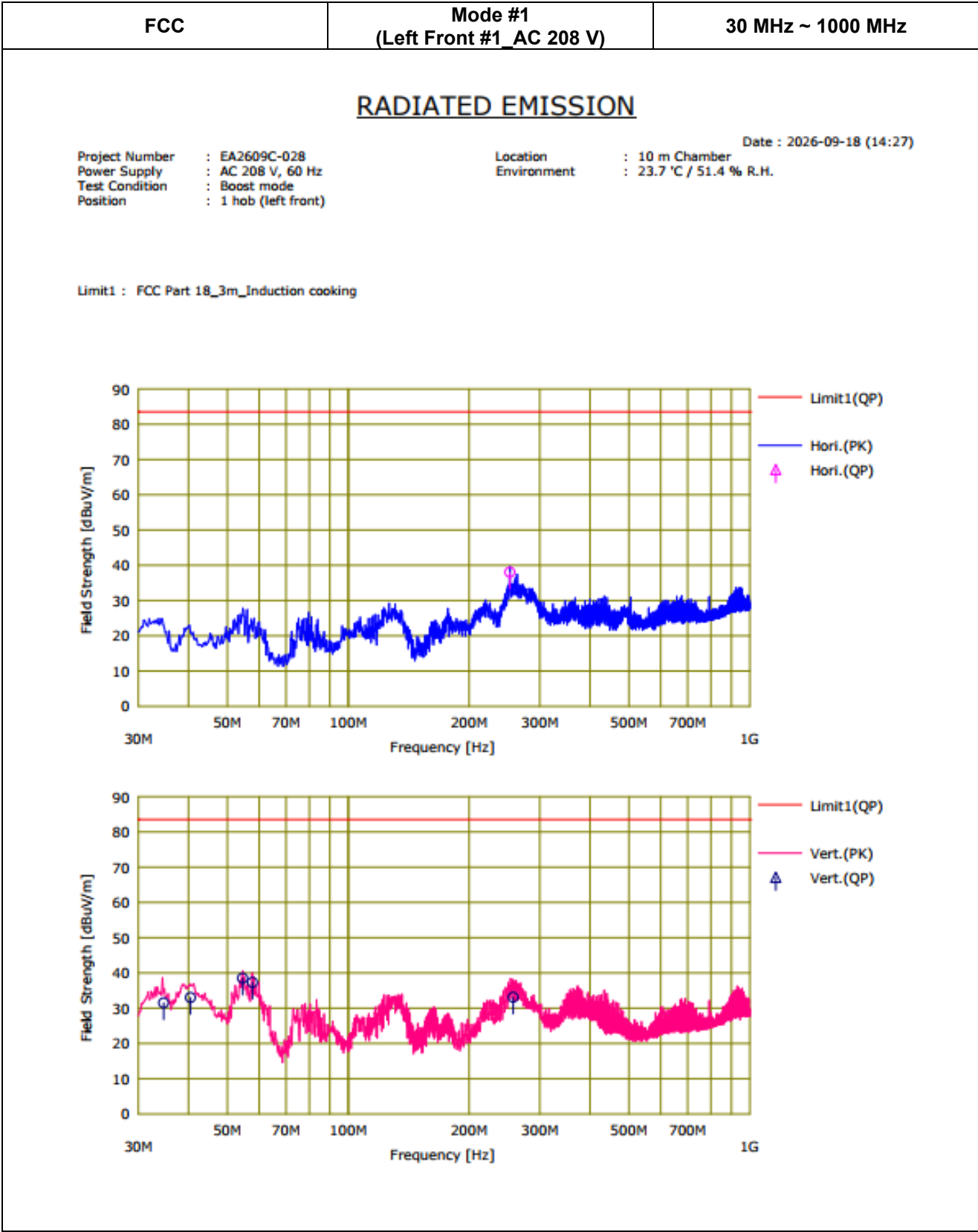
Date : 2026-09-18 16:49:14

Project Number : EA2609C-028	Location : 10 m Chamber
Power Supply : AC 240 V, 60 Hz	Environment : 23.4 'C, 50.7 % R.H
Test Condition : Induction Boost mode	Test Date :
Test Mode : 4 hob (Right front)	:

:

LIMIT : 10m, 9kHz-30MHz

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
		CAV	FACTOR							
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	0.035	85.6	19.7	0.4	32.7	73.0	82.6	9.6	200	64
2	0.106	62.0	19.5	0.3	32.7	49.1	82.6	33.5	200	87
3	0.177	63.4	19.5	0.1	32.7	50.3	82.6	32.3	200	74
----- Vertical -----										
4	0.035	86.5	19.7	0.4	32.7	73.9	82.6	8.7	200	0
5	0.106	62.9	19.5	0.3	32.7	50.0	82.6	32.6	200	11
6	0.176	63.7	19.5	0.1	32.7	50.6	82.6	32.0	200	28

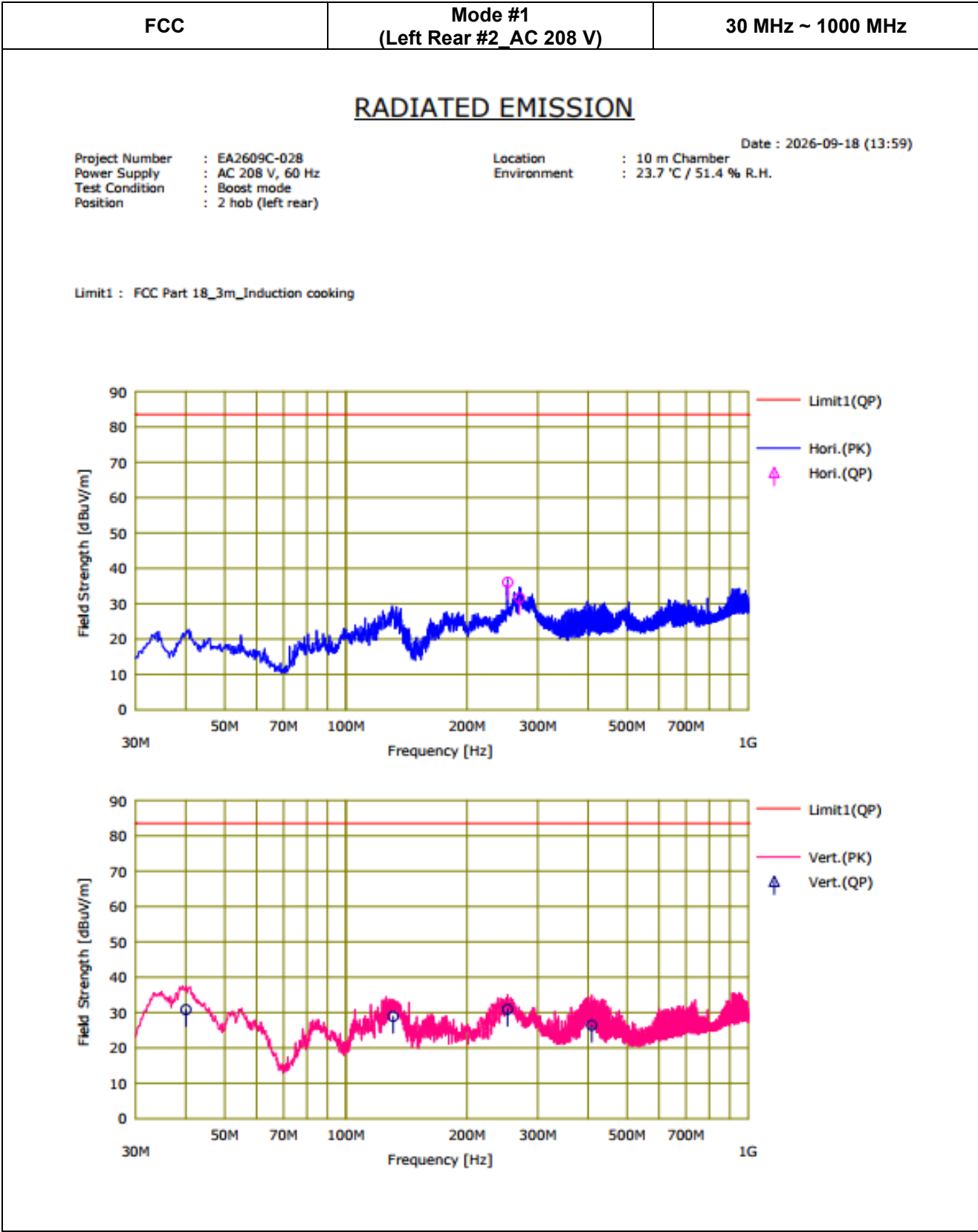


RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 208 V, 60 Hz Test Condition : Boost mode Position : 1 hob (left front)	Date : 2026-09-18 (14:27) Location : 10 m Chamber Environment : 23.7 'C / 51.4 % R.H.
--	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT QP [dBuV/m]	LIMIT QP [dBuV/m]	MARGIN QP [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	252.696	48.2	18.4	4.0	32.6	38.0	83.5	45.5	101	56
----- Vertical -----										
2	34.710	46.5	16.2	1.5	32.7	31.5	83.5	52.0	105	300
3	40.482	45.9	18.1	1.7	32.7	33.0	83.5	50.5	100	8
4	54.561	50.0	19.2	2.0	32.7	38.5	83.5	45.0	100	339
5	57.757	49.2	18.8	2.0	32.7	37.3	83.5	46.2	103	0
6	257.502	43.1	18.5	4.0	32.5	33.1	83.5	50.4	223	358

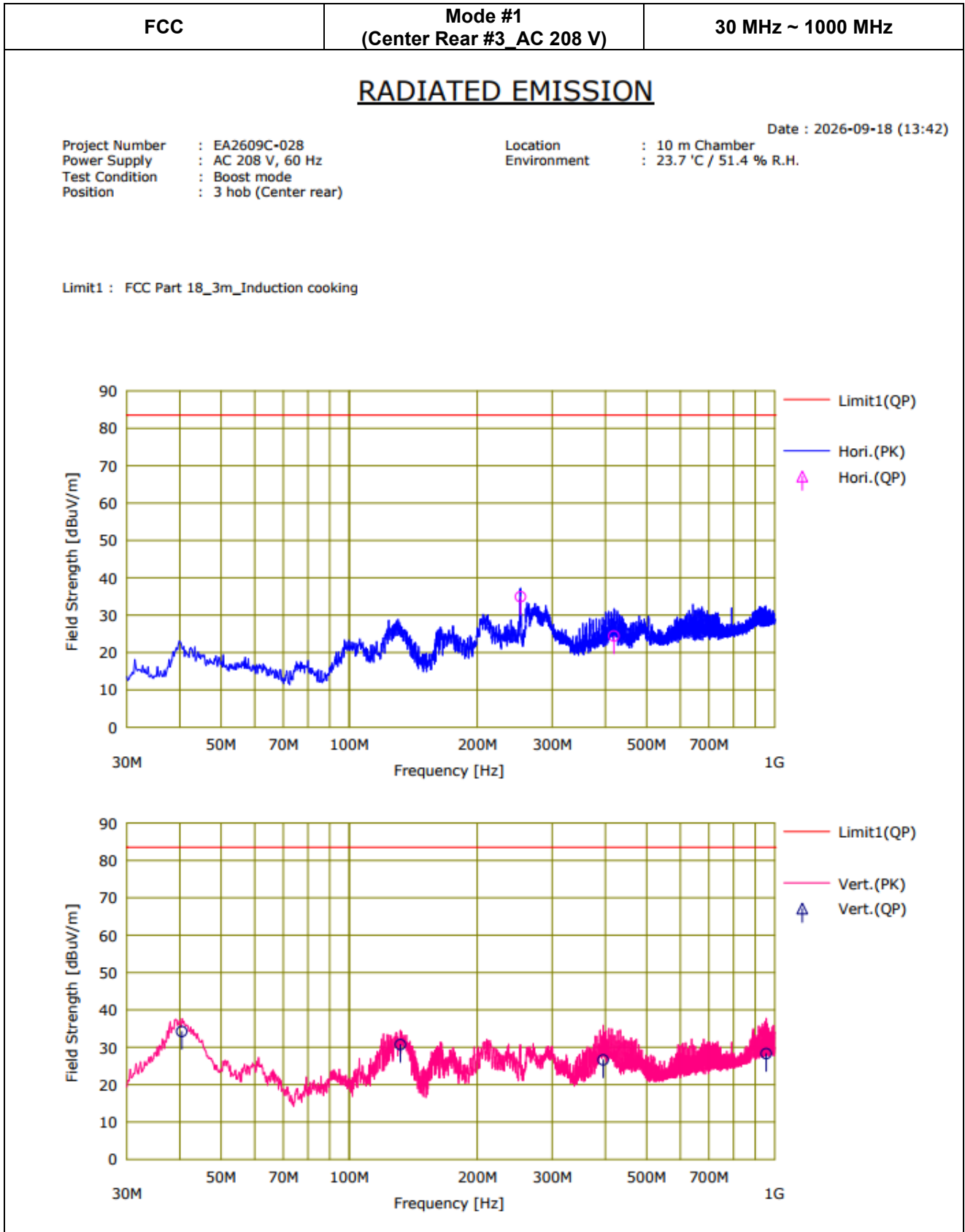


RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 208 V, 60 Hz Test Condition : Boost mode Position : 2 hob (left rear)	Date : 2026-09-18 (13:59) Location : 10 m Chamber Environment : 23.7 °C / 51.4 % R.H.
---	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT QP [dBuV/m]	LIMIT QP [dBuV/m]	MARGIN QP [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	252.542	46.2	18.4	4.0	32.6	36.0	83.5	47.5	102	19
2	269.966	41.2	18.8	4.1	32.5	31.6	83.5	51.9	100	25
----- Vertical -----										
3	40.060	43.8	18.0	1.7	32.7	30.8	83.5	52.7	103	355
4	131.055	44.1	14.6	2.8	32.6	28.9	83.5	54.6	100	182
5	252.245	41.1	18.4	4.0	32.6	30.9	83.5	52.6	100	359
6	408.563	32.3	21.6	5.0	32.5	26.4	83.5	57.1	197	353

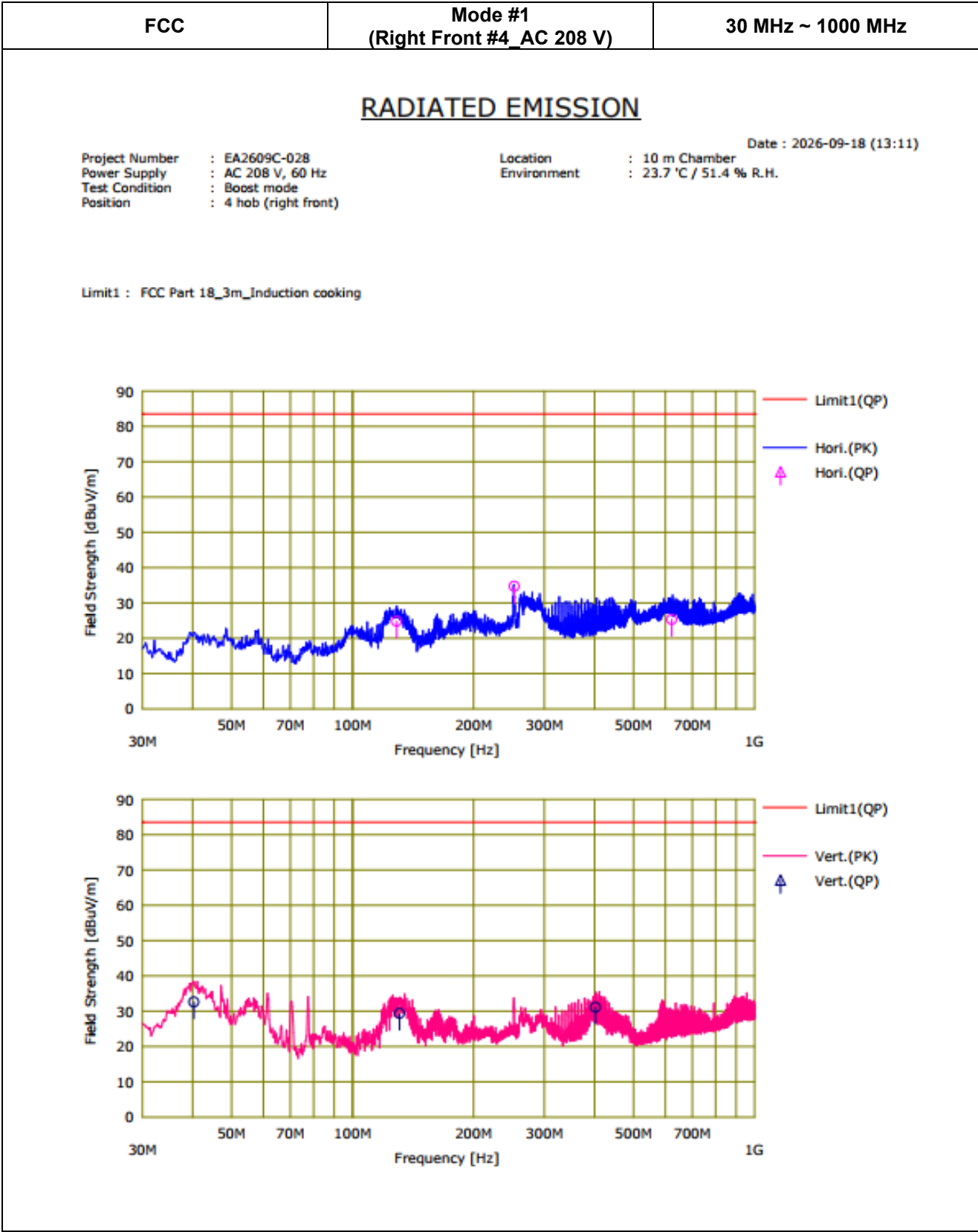


RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 208 V, 60 Hz Test Condition : Boost mode Position : 3 hob (Center rear)	Date : 2026-09-18 (13:42) Location : 10 m Chamber Environment : 23.7 'C / 51.4 % R.H.
---	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT QP [dBuV/m]	LIMIT QP [dBuV/m]	MARGIN QP [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	252.700	45.1	18.4	4.0	32.6	34.9	83.5	48.6	101	35
2	418.758	30.1	21.8	5.0	32.5	24.4	83.5	59.1	237	59
----- Vertical -----										
3	40.412	47.1	18.1	1.7	32.7	34.2	83.5	49.3	100	1
4	131.962	46.0	14.5	2.8	32.6	30.7	83.5	52.8	105	149
5	395.232	32.8	21.4	4.9	32.5	26.6	83.5	56.9	100	0
6	954.952	23.5	28.5	7.8	31.5	28.3	83.5	55.2	198	29





RADIATED EMISSION

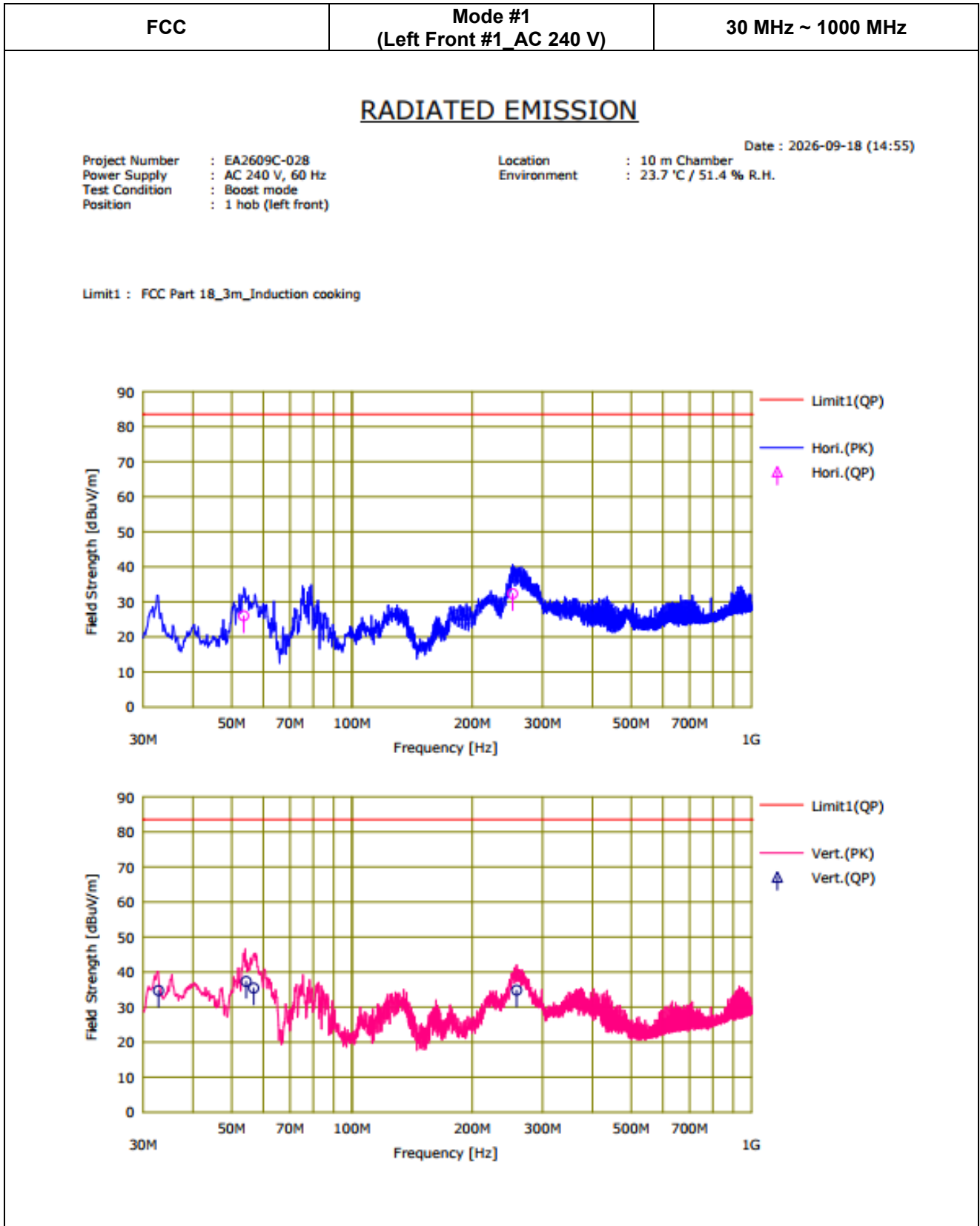
Date : 2026-09-18 (13:11)

Project Number : EA2609C-028
Power Supply : AC 208 V, 60 Hz
Test Condition : Boost mode
Position : 4 hob (right front)

Location : 10 m Chamber
Environment : 23.7 °C / 51.4 % R.H.

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	QP	QP	QP	[cm]	[DEG]
		[dBuV]	[dB]			[dBuV/m]	[dBuV/m]	[dB]		
----- Horizontal -----										
1	128.742	39.8	14.8	2.8	32.6	24.8	83.5	58.7	245	353
2	252.430	44.9	18.4	4.0	32.6	34.7	83.5	48.8	102	1
3	622.300	26.3	25.4	6.3	32.7	25.3	83.5	58.2	100	0
----- Vertical -----										
4	40.291	45.5	18.1	1.7	32.7	32.6	83.5	50.9	105	2
5	130.893	44.6	14.6	2.8	32.6	29.4	83.5	54.1	101	159
6	401.938	37.2	21.5	4.9	32.5	31.1	83.5	52.4	100	358

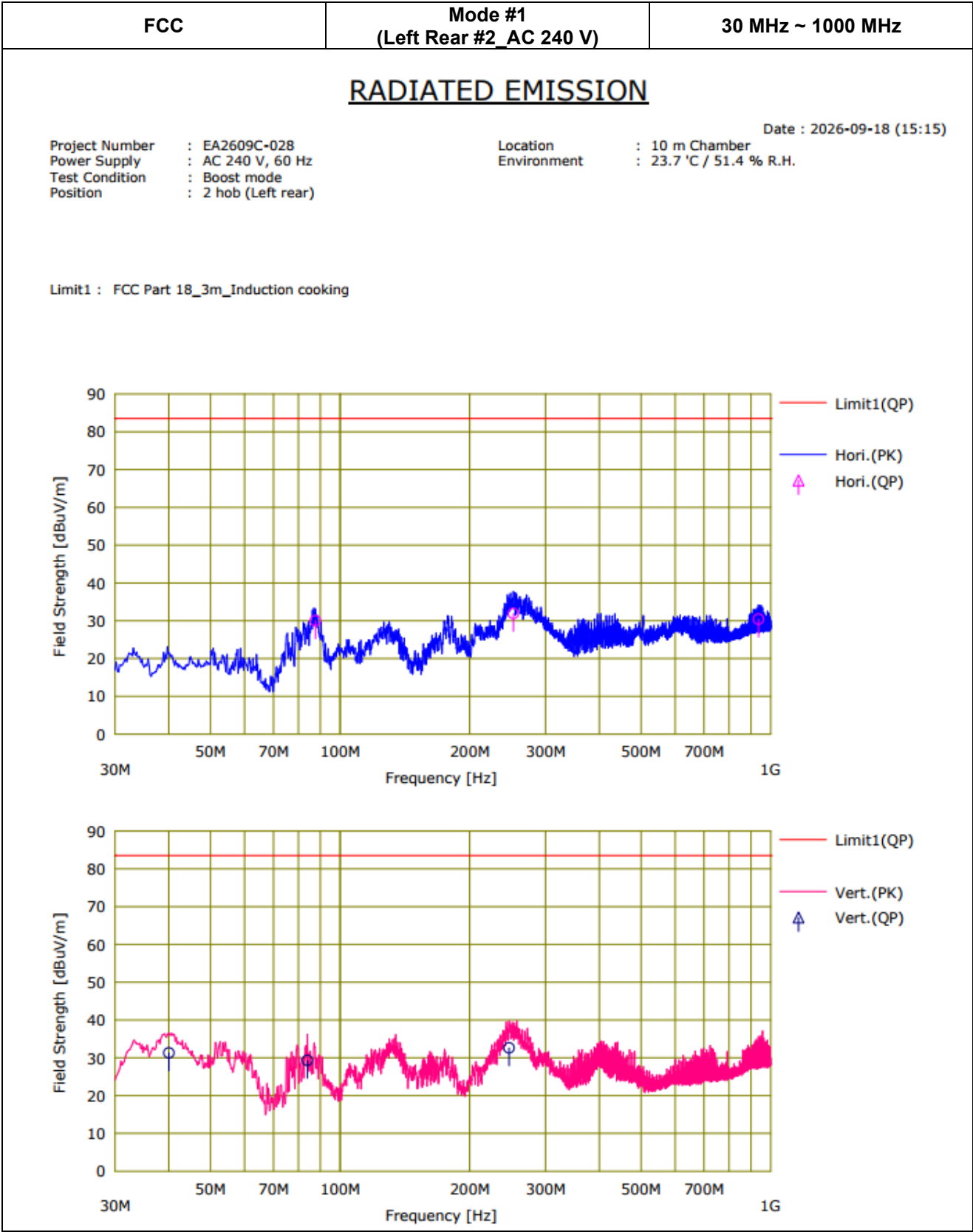


RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 240 V, 60 Hz Test Condition : Boost mode Position : 1 hob (left front)	Date : 2026-09-18 (14:55) Location : 10 m Chamber Environment : 23.7 °C / 51.4 % R.H.
--	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR			QP	QP	QP		
		[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	53.592	37.5	19.3	1.9	32.7	26.0	83.5	57.5	205	15
2	252.511	42.5	18.4	4.0	32.6	32.3	83.5	51.2	115	35
----- Vertical -----										
3	32.801	49.7	16.2	1.5	32.7	34.7	83.5	48.8	186	5
4	54.358	48.8	19.2	2.0	32.7	37.3	83.5	46.2	100	286
5	56.774	47.2	18.9	2.0	32.7	35.4	83.5	48.1	100	0
6	258.375	44.7	18.6	4.0	32.5	34.8	83.5	48.7	194	348



RADIATED EMISSION

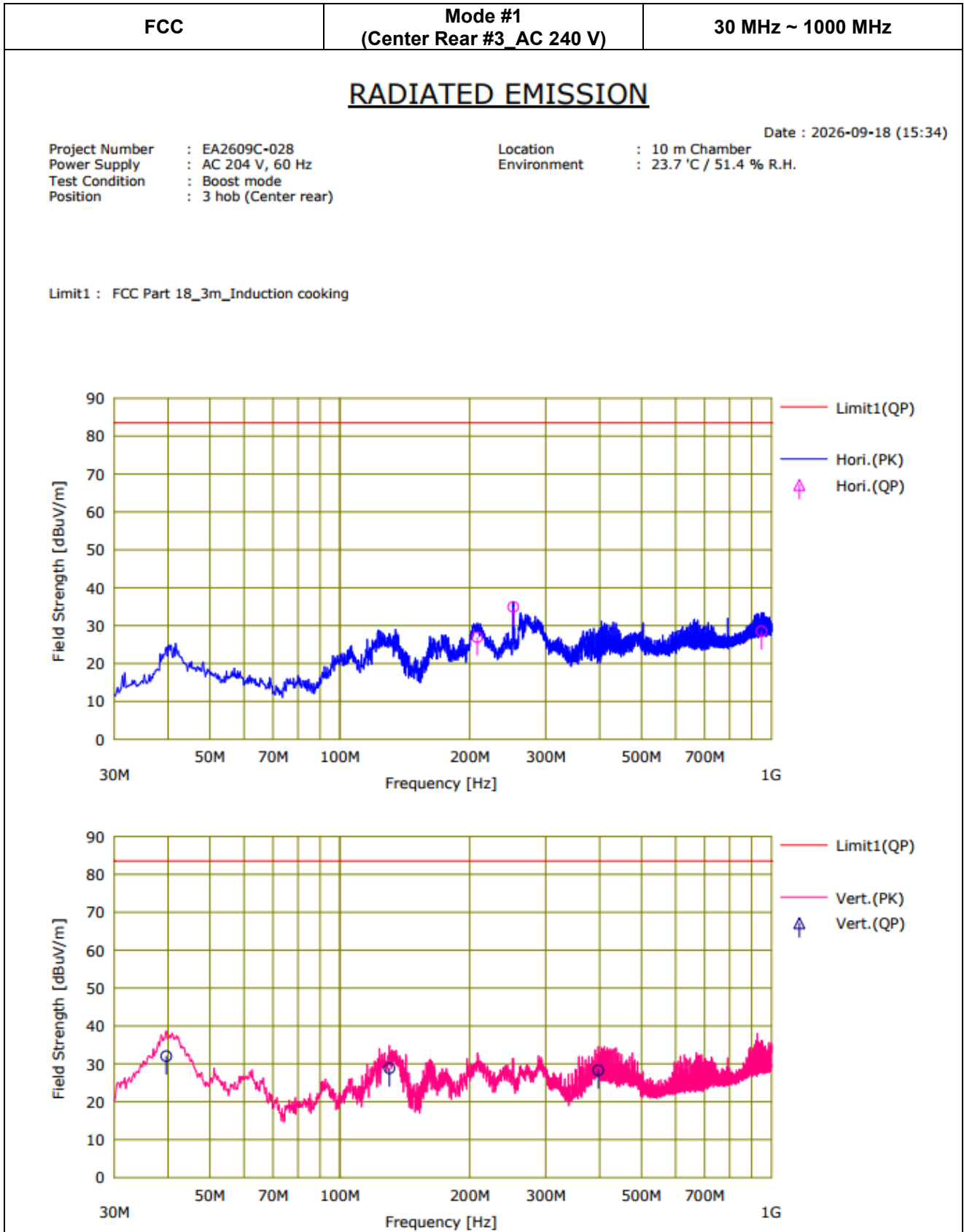
Date : 2026-09-18 (15:15)

Project Number : EA2609C-028
 Power Supply : AC 240 V, 60 Hz
 Test Condition : Boost mode
 Position : 2 hob (Left rear)

Location : 10 m Chamber
 Environment : 23.7 'C / 51.4 % R.H.

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT QP [dBuV/m]	LIMIT QP [dBuV/m]	MARGIN QP [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	87.625	45.2	15.0	2.4	32.6	30.0	83.5	53.5	206	350
2	252.555	42.1	18.4	4.0	32.6	31.9	83.5	51.6	120	45
3	937.153	26.0	28.4	7.7	31.7	30.4	83.5	53.1	398	346
----- Vertical -----										
4	40.041	44.3	18.0	1.7	32.7	31.3	83.5	52.2	100	42
5	83.937	45.8	13.9	2.3	32.7	29.3	83.5	54.2	102	324
6	246.878	43.1	18.3	3.8	32.6	32.6	83.5	50.9	205	171

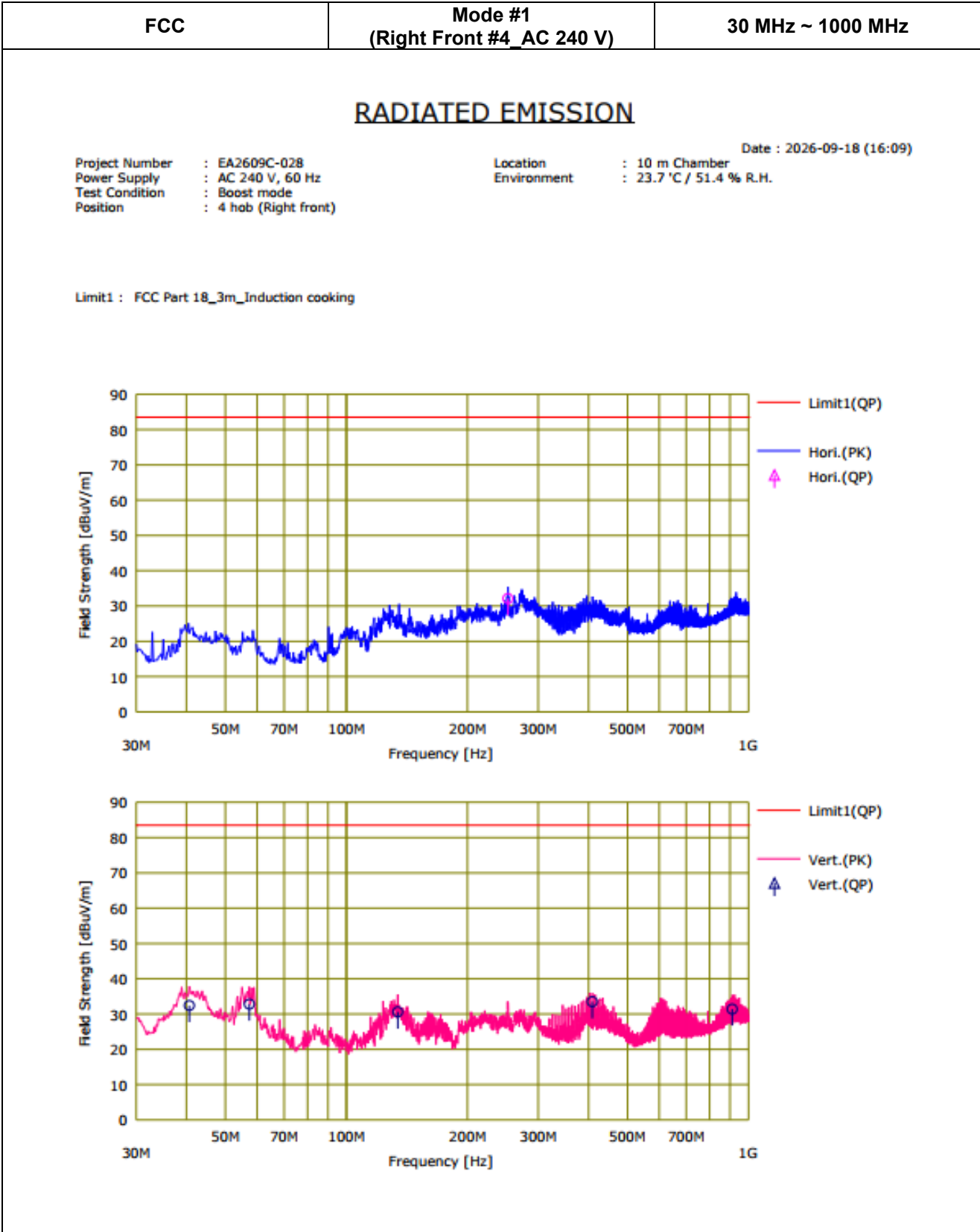


RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 204 V, 60 Hz Test Condition : Boost mode Position : 3 hob (Center rear)	Date : 2026-09-18 (15:34) Location : 10 m Chamber Environment : 23.7 'C / 51.4 % R.H.
---	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	QP	QP	QP	[cm]	[DEG]
		[dBuV]	[dB]			[dBuV/m]	[dBuV/m]	[dB]		
----- Horizontal -----										
1	208.197	38.6	17.3	3.6	32.6	26.9	83.5	56.6	305	18
2	252.409	45.1	18.4	4.0	32.6	34.9	83.5	48.6	100	28
3	948.680	23.9	28.4	7.7	31.5	28.5	83.5	55.0	398	336
----- Vertical -----										
4	39.614	45.2	17.9	1.6	32.7	32.0	83.5	51.5	101	146
5	130.303	43.9	14.7	2.8	32.6	28.8	83.5	54.7	100	95
6	397.143	34.5	21.4	4.9	32.5	28.3	83.5	55.2	102	0



RADIATED EMISSION

Project Number : EA2609C-028 Power Supply : AC 240 V, 60 Hz Test Condition : Boost mode Position : 4 hob (Right front)	Date : 2026-09-18 (16:09) Location : 10 m Chamber Environment : 23.7 °C / 51.4 % R.H.
---	---

Limit1 : FCC Part 18_3m_Induction cooking

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT QP [dBuV/m]	LIMIT QP [dBuV/m]	MARGIN QP [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	252.119	42.3	18.4	4.0	32.6	32.1	83.5	51.4	127	122
----- Vertical -----										
2	40.693	45.2	18.2	1.7	32.7	32.4	83.5	51.1	100	1
3	57.351	44.7	18.8	2.0	32.7	32.8	83.5	50.7	100	168
4	134.179	45.9	14.4	2.9	32.6	30.6	83.5	52.9	110	146
5	408.909	39.3	21.7	5.0	32.5	33.5	83.5	50.0	195	313
6	911.151	27.4	28.3	7.6	31.9	31.4	83.5	52.1	205	5

Appendix I. Test Instrumentation

Name of Equipment	Model Number	Manufacturer	Serial Number	Cal. Due (Interval)	USE
EMI Test Receiver	ESW	Rohde & Schwarz	101197	2026-12-08 (1Y)	☒
Test Receiver	ESR7	Rohde & Schwarz	101543	2027-06-22 (1Y)	☐
LISN	ENV4200	Rohde & Schwarz	100203	2026-12-08 (1Y)	☐
LISN	ENV216	Rohde & Schwarz	102572	2026-12-08 (1Y)	☒
LISN	ENV216	Rohde & Schwarz	100110	2027-06-22 (1Y)	☒
Artificial Hand	N/A	N/A	N/A	N/A	☐
Test Receiver	ESU	Rohde & Schwarz	100303	2026-12-12 (1Y)	☒
Trilog Broadband Antenna	VULB9163	Schwarzbeck	9163-770	2027-08-05 (2Y)	☒
6 dB Attenuator	PE7390-6	Pasternack	1818-1		☒
Loop Antenna	HFH2-Z2	Rohde & Schwarz	100341	2027-05-22 (2Y)	☒
Preamplifier 9 kHz-1 GHz	310N	Sonoma Instrument	344015	2026-12-09 (1Y)	☒
Antenna Master	MA4000-EP	INNCO SYSTEM	4600814	N/A	☒
Turn Table	DT3000-3t	INNCO SYSTEM	1310814	N/A	☒
CO3000 Controller	CO3000-4PORT	INNCO SYSTEM	CO3000/806/34130 814/L	N/A	☒

The above measuring equipment have been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

(End of report)