

TEST REPORT

EMC Test for LSIU6339XE

APPLICANT
LG Electronics Inc.

REPORT NO.
HCT-EM-2602-FC005-R1

DATE OF ISSUE
March 10, 2026

Tested by
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TEST REPORT

FCC Certification

REPORT NO.

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FCC ID.

2B03LS47A11KA

Applicant**LG Electronics Inc.**

170, Seongsan Pachong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do
51533, Republic of Korea

Product Name

Electric Range

Model Name

LSIU6339XE

Date of Test

February 06, 2026 to February 12, 2026

Location of Test☒ Permanent Testing Lab☐ On Site Testing Lab

(Address: See clause 1.2)

Test Standard Used

FCC 47 CFR Ch. I PART 18

ANSI C63.4-2014

Test Results

Refer to the present document

Manufacturer

LG Electronics Inc.

Brand Name

LG

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	February 27, 2026	Initial Release
1	March 10, 2026	Changed the FCC ID

Notice

Content

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked *.

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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1. TESTING LABORATORY

1.1 General Information

Organization Name	HCT Co., Ltd.
Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Telephone	+82 31 645 6300
FAX	+82 31 645 6401

1.2 Location of the Test Site

The test site is located at the following address.;

Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Telephone	+82 31 645 6300
FAX	+82 31 645 6401

2. SUMMARY OF TEST STANDARD APPLIED

FCC 47 CFR Ch. I PART 18 - INDUSTRIAL, SCIENTIFIC, AND MEDICAL EQUIPMENT

§ 18.305	Radiated emission
§ 18.307	Conduction emission

- EUT (Model Name: LSIU6339XE) corresponds to induction cooking ranges equipment.

3. GENERAL INFORMATION

3.1 Description of EUT

FCC ID.	2B03LS47A11KA
Product Name	Electric Range
Model Name	LSIU6339XE
Clock Frequency	133 MHz
Frequency Range	Cooking Coil: 20 kHz to 75 kHz
Power Rating	AC 208 V, AC 240 V
Manufacturer	LG Electronics Inc.

3.2 Debug Information

Not applicable

3.3 Power Source

During the test, the following power supply levels are utilized/provided.;

Power supply: AC 208 V / 60 Hz, AC 240 V / 60 Hz

3.4 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Product Name	Model Name	Serial Number	Manufacturer	Note
Electric Range (EUT)	LSIU6339XE	-	LG Electronics Inc.	
Mobile phone	SM-S928N	-	Samsung Electronics Co., Ltd	

3.5 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	AC IN	N/A	N/A	(P) 1.2

(D) Data cable, (P) Power cable

3.6 Noise Suppression Parts on Cable (I/O Cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	AC IN	N	N/A	N	N/A

4. DESCRIPTION OF TEST

4.1 Measurement of Conducted Emission

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

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

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 LISNs provide $50 \Omega / 50 \mu\text{H}$ of coupling impedance for the measuring instrument.

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

c. The frequency ranges from 150 kHz to 30 MHz was searched.

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 (dB μ V)	
	Quasi-peak	Average
0.15–0.5	66 to 56 *	56 to 46 *
0.5–5	56	46
5–30	60	50

(c) RF lighting devices:

Frequency of emission (MHz)	Maximum RF line voltage measured with a 50 μ H / 50 Ω LISN (μ V)
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

4.2 Measurement of Radiated Emission

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

- a. 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.
- b. The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height 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.
- d. 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.
- e. The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. 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.
- g. 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 emissions at each frequency of significant emissions, with polarization oriented for maximum response. (1 GHz to 40 GHz)

FCC Part 18 § 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 (μV/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	Any	10	1,600
	Above 5,725 MHz	Any	(²)	(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	Any	$24,000/F(\text{kHz})$	30
	Above 1,600 kHz	Any	15	30
Induction cooking ranges	Below 90 kHz	Any	1,500	⁴ 30
	On or above 90 kHz	Any	300	⁴ 30

¹Field 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.

²Reduced to the greatest extent possible.

³Field 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.

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 (dB $\mu\text{V}/\text{m}$)
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 ($\mu\text{V}/\text{m}$)
Non-consumer equipment:	
30–88	30
88–216	50
216–1000	70
Consumer equipment:	
30–88	10
88–216	15
216–1000	20

Frequency Range of Radiated Measurements;

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

FCC Part 18 § 18.309

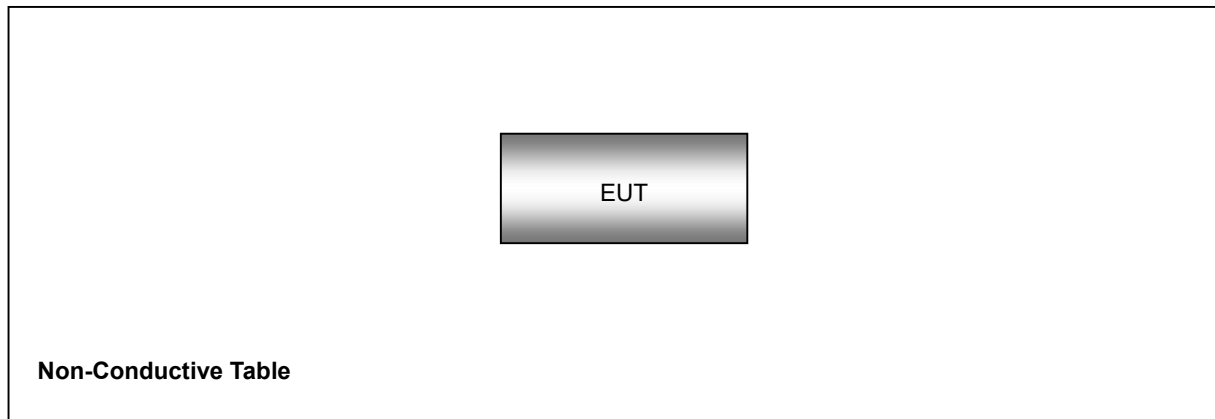
Frequency band in which device operates (MHz)	Range of frequency measurements	
	Lowest frequency	Highest frequency
Below 1.705	Lowest frequency generated in the device, but not lower than 9 kHz.	30 MHz
1.705 to 30	Lowest frequency generated in the device, but not lower than 9 kHz.	400 MHz
30 to 500	Lowest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

4.3 Configuration of Tested System

The EUT was configured in the following manner.

The layout was configured according to the manufacturer's guide.

[Induction cooking mode]



4.4 Operating Mode of The Test

During the preliminary and final tests, the following operating mode was investigated.

The following operating mode was tested after connecting all peripheral devices.

Induction cooking mode (Right Front/Center Rear/Left Front/Left Rear/Warm Zone)

The test was conducted with the five cooking zones of the induction cooktop activated separately and water was boiled.

Each cooking zone was set to High/Boost mode. Tests were conducted at 208 V/60 Hz and 240 V/60 Hz.

5. TEST FACILITY REGISTRATIONS

5.1 Test Facility

The SAC (Semi Anechoic Chamber) and conducted measurement facilities used for collecting radiated data were constructed in accordance with the requirements of ANSI C63.4-2014 + C63.4a-2017 and ANSI C63.25.1-2018. Our laboratories are accredited and designated in accordance with the provisions of Radio Waves ACT and International Standard ISO/IEC 17025:2017. (National Radio Research Agency, CABID No. KR0032)

5.2 Measuring Instrument Calibration

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5:2017.

5.3 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the UCISPR measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Phenomenon	Test Site (Chamber)	Expanded Uncertainty	
Conducted Emission	EMI Shield Room	2.4 dB	
Radiated emission	10 m Semi Anechoic Chamber #1	9 kHz to 30 MHz	2.8 dB
	10 m Semi Anechoic Chamber #1	30 MHz to 1 GHz	5.0 dB
	10 m Semi Anechoic Chamber #1	1 GHz to 18 GHz	N/A
	10 m Semi Anechoic Chamber #1	18 GHz to 40 GHz	N/A

5.4 Decision Rules and Statements of Conformity

Simple Acceptance

6. MEASURING EQUIPMENT

Type	Model Name	Manufacturer	Serial Number	Cal. Cycle	Next Cal. Date (yy.mm.dd)
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Conducted emission

☒	EMI Test Receiver	ESR7	ROHDE&SCHWARZ	101910	1 year	2026.08.20
☒	LISN	ENV432	Rohde & Schwarz	101352	1 year	2026.12.23
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Radiated emission for 9 kHz to 30 MHz

☒	EMI Test Receiver	ESU26	ROHDE&SCHWARZ	100241	1 year	2026.05.27
☒	Loop Antenna	FMZB 1513	Schwarzbeck	1513-175	2 year	2027.06.24
☒	Turn Table	DT3000-3t	INNCO SYSTEM	DT3000/69	N/A	-
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Radiated emission up to 1 GHz (30 MHz to 1 GHz)

☒	EMI Test Receiver	ESU26	ROHDE&SCHWARZ	100241	1 year	2026.05.27
☒	Bilog Antenna	VULB 9168	Schwarzbeck	847	2 year	2026.04.23
☒	Antenna Mast	MA4000-EP	INNCO SYSTEM	-	N/A	-
☒	Turn Table	DT3000-3t	INNCO SYSTEM	DT3000/69	N/A	-
☐	Low Noise Amplifier	TK-PA01S	TESTEK	160014-L	1 year	2026.09.01
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Type	Model Name	Manufacturer	Serial Number	Cal. Cycle	Next Cal. Date (yy.mm.dd)
Radiated emission above 1 GHz					
☐ EMI Test Receiver	ESU26	Rohde & Schwarz	100241	1 year	2026.05.27
☐ Horn Antenna	HF907	Rohde & Schwarz	103161	1 year	2026.10.14
☐ Antenna Mast	MA4640-XP-ET	INNCO SYSTEM	-	N/A	-
☐ Turn Table	DT3000-3t	INNCO SYSTEM	DT3000/69	N/A	-
☐ Amplifier	CBLU1183540	CERNEX	21691	1 year	2026.05.27
☐ Low Noise Amplifier	TK-PA18H	TESTEK	170034-L	1 year	2026.10.02
☐ Software	EMC32	Rohde & Schwarz	-	N/A	-
☐ EMI Test Receiver	ESW44	Rohde & Schwarz	101946	1 year	2026.11.04
☐ Horn Antenna	HF907	Rohde & Schwarz	103160	1 year	2026.10.14
☐ Power Amplifier	TK-PA18H	TESTEK	170034-L	1 year	2026.10.02
☐ Horn Antenna	BBHA 9170	Schwarzbeck	BBHA9170 #786	1 year	2026.10.27
☐ Power Amplifier	TK-PA1840H	TESTEK	170030-L	1 year	2026.10.27
☐ Antenna Mast	MA4640-XP-ET	INNCO SYSTEM	-	N/A	-
☐ Turn Table	DS2000-S	INNCO SYSTEM	-	N/A	-

7. SUMMARY OF TEST RESULTS

7.1 Conducted Emission

7.1.1 Operating Conditions

The test results of conducted emission at mains ports provide the following information:

Date of Test (yy.mm.dd)	2026.02.06		
Temperature	min. 19.0 °C	Relative Humidity	min. 27.4 %
	max. 23.3 °C		max. 32.8 %
Test Site	EMI Shield Room		
Test Standard Used	FCC 47 CFR Ch. I PART 18 § 18.307 (a)		
	ANSI C63.4-2014		
Frequency Range	9 kHz to 30 MHz		
Bandwidth	9 kHz to 150 kHz / RBW: 200 Hz(6 dB), VBW: 500 Hz		
	150 kHz to 30 MHz / RBW: 9 kHz (6 dB), VBW: 30 kHz		
Detector Type	Quasi-Peak, CAverage		
Operating Mode	[208 V] Induction cooking_Center Rear		
	[208 V] Induction cooking_Left Front		
	[208 V] Induction cooking_Left Rear		
	[208 V] Induction cooking_Right Front		
	[208 V] Induction cooking_Warm Zone		
	[240 V] Oven+Camera+WiFi+BT Idle		
	[240 V] Induction cooking_Center Rear		
	[240 V] Induction cooking_Left Front		
	[240 V] Induction cooking_Left Rear		
	[240 V] Induction cooking_Right Front		
Test Result	[240 V] Induction cooking_Warm Zone		
	PASS		

A disturbance voltage is calculated by the following equation;

$$A = B + C$$

Where

A: QuasiPeak or CAverage in dB μ V

B: Meter reading in dB μ V

C: Corr. in dB (Cable loss + LISN factor)

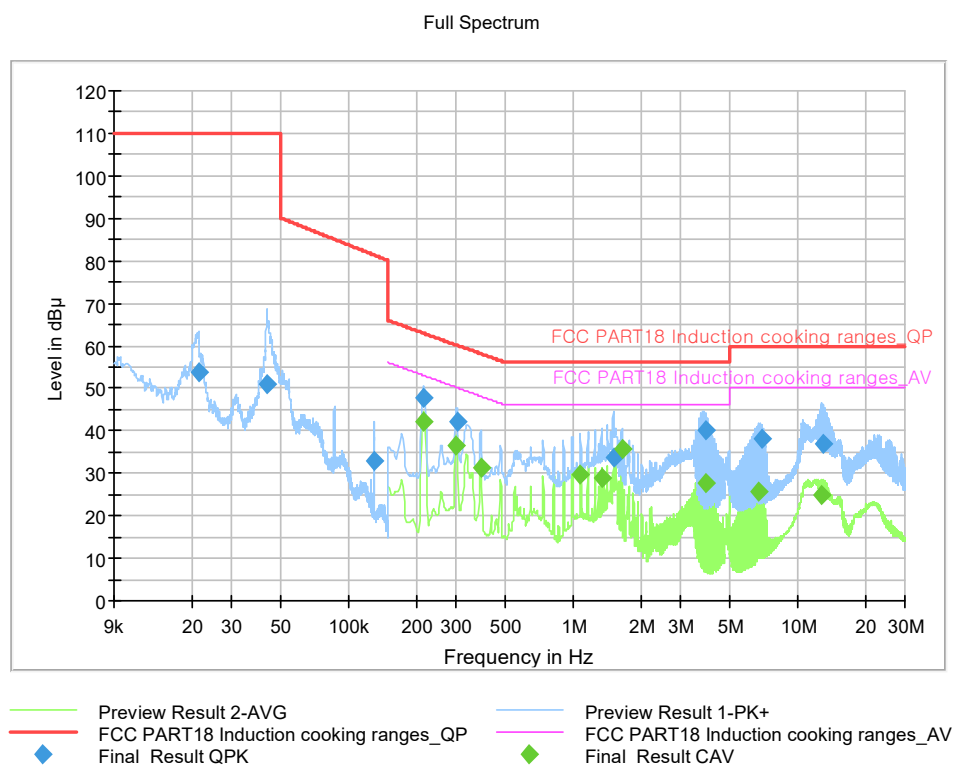
Margin in dB: Limit - A

If it's an AC mains cable, the readings includes both Live (L1, L2) and Neutral (N).

The measurements for both Live (L1, L2) and Neutral (N) from the LISN are combined into a single graph.

7.1.2 Measurement Data

[208 V] Induction cooking_Center Rear

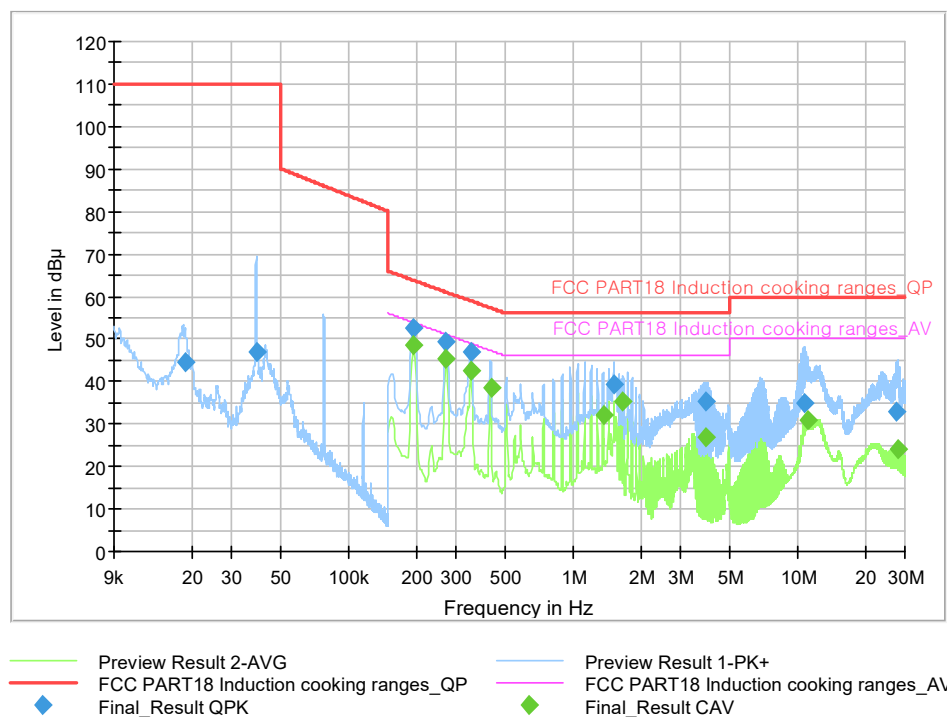


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0214	53.94	110.00	56.06	0.200	N
0.0431	50.89	110.00	59.11	0.200	L1
0.1294	32.79	81.35	48.56	0.200	L1
0.2153	47.58	63.00	15.42	9.000	L1
0.3030	42.06	60.16	18.10	9.000	L1
1.5090	33.77	56.00	22.23	9.000	N
3.8828	40.21	56.00	15.79	9.000	L1
6.9023	38.15	60.00	21.85	9.000	L2
13.0223	36.83	60.00	23.17	9.000	L1

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2153	42.21	53.00	10.79	9.000	L1
0.3008	36.62	50.22	13.60	9.000	L1
0.3885	31.31	48.10	16.79	9.000	L1
1.0770	29.87	46.00	16.13	9.000	N
1.3380	28.73	46.00	17.27	9.000	L2
1.6440	35.77	46.00	10.23	9.000	N
3.8805	27.68	46.00	18.32	9.000	L1
6.7335	25.56	50.00	24.44	9.000	L2
12.8468	25.08	50.00	24.92	9.000	L1

[208 V] Induction cooking_Left Front

Full Spectrum

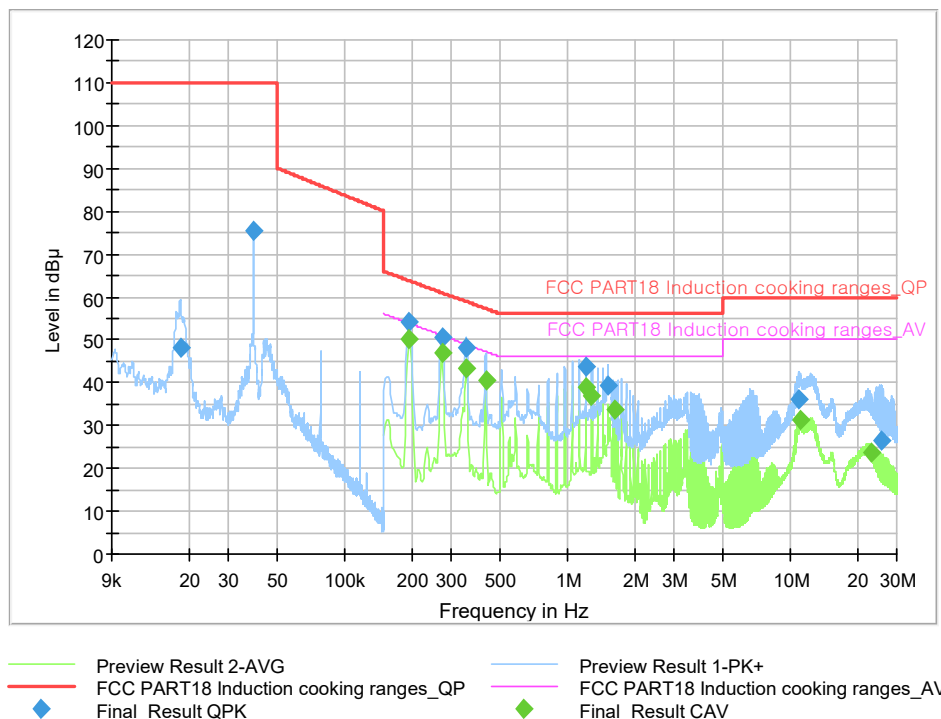


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0186	44.73	110.00	65.27	0.200	N
0.0387	46.89	110.00	63.11	0.200	L1
0.1950	52.46	63.82	11.36	9.000	N
0.2715	49.46	61.07	11.61	9.000	N
0.3503	46.89	58.96	12.07	9.000	N
1.5158	39.47	56.00	16.53	9.000	N
3.8738	35.48	56.00	20.52	9.000	L1
10.7520	34.82	60.00	25.18	9.000	L1
27.5798	32.86	60.00	27.14	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1950	48.38	53.82	5.44	9.000	N
0.2715	45.30	51.07	5.78	9.000	N
0.3503	42.56	48.96	6.40	9.000	N
0.4290	38.66	47.27	8.61	9.000	N
1.3583	32.18	46.00	13.82	9.000	N
1.6463	35.50	46.00	10.50	9.000	N
3.8760	26.96	46.00	19.04	9.000	L1
11.1728	31.01	50.00	18.99	9.000	L1
27.8385	24.19	50.00	25.81	9.000	L1

[208 V] Induction cooking_Left Rear

Full Spectrum

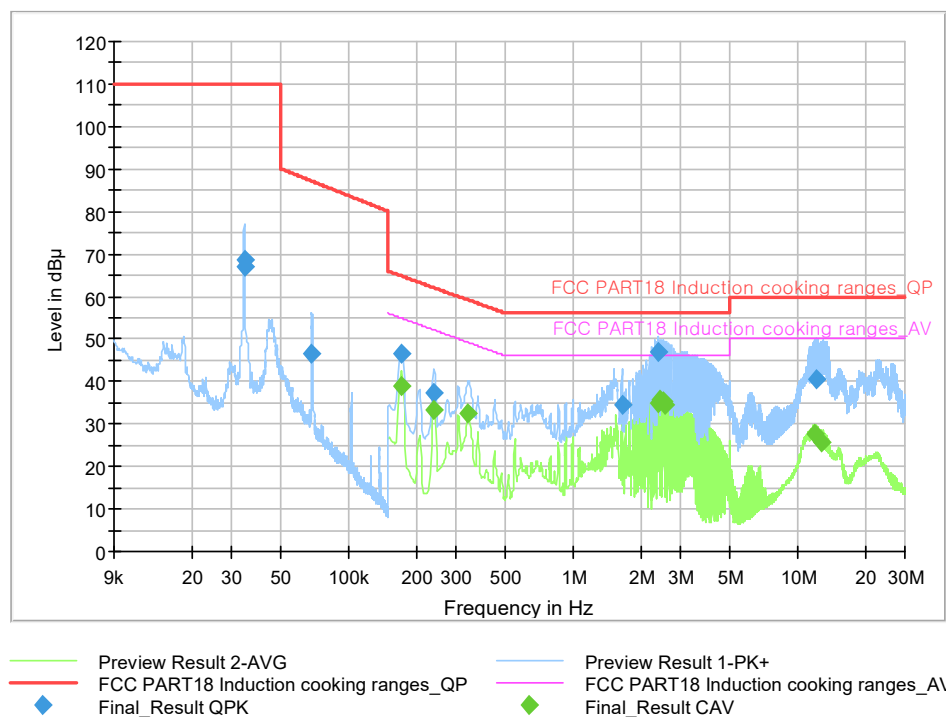


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0183	48.03	110.00	61.97	0.200	N
0.0390	75.61	110.00	34.39	0.200	L1
0.1950	54.07	63.82	9.75	9.000	N
0.2738	50.70	61.00	10.30	9.000	N
0.3503	48.22	58.96	10.74	9.000	N
1.2075	43.58	56.00	12.42	9.000	N
1.5203	39.53	56.00	16.47	9.000	N
10.9073	35.97	60.00	24.03	9.000	L1
25.5570	26.42	60.00	33.58	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1950	50.08	53.82	3.74	9.000	N
0.2738	46.79	51.00	4.22	9.000	N
0.3525	43.50	48.90	5.40	9.000	N
0.4290	40.60	47.27	6.67	9.000	N
1.2098	38.92	46.00	7.08	9.000	N
1.2863	36.77	46.00	9.23	9.000	N
1.6418	33.72	46.00	12.28	9.000	N
11.1030	31.11	50.00	18.89	9.000	L1
22.9853	23.62	50.00	26.38	9.000	L2

[208 V] Induction cooking_Right Front

Full Spectrum

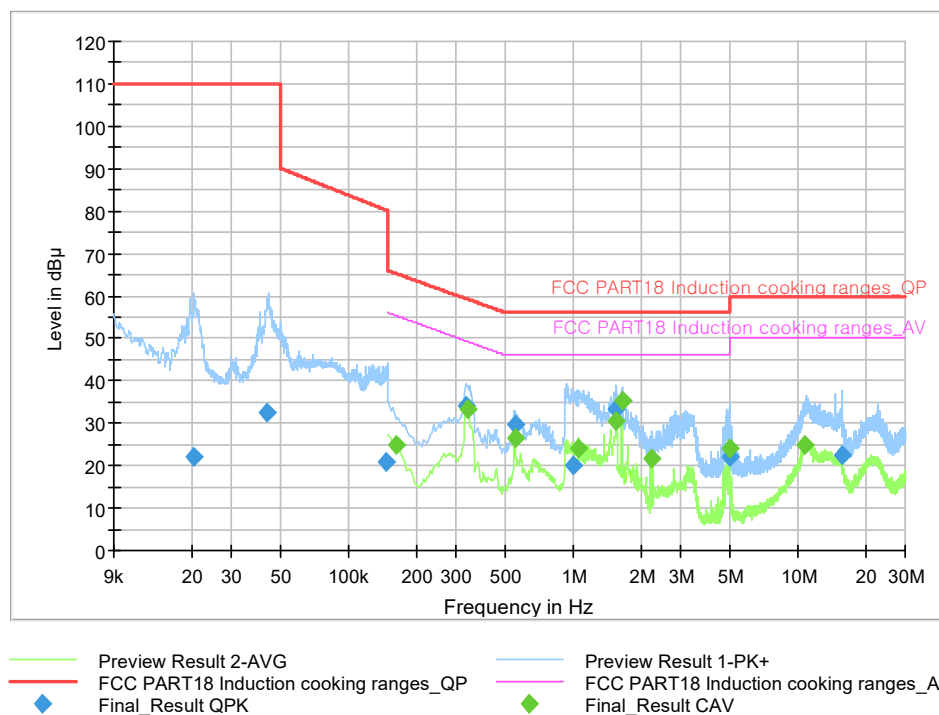


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0342	66.89	110.00	43.11	0.200	L1
0.0344	68.53	110.00	41.47	0.200	L1
0.0686	46.55	87.13	40.58	0.200	L1
0.1703	46.42	64.95	18.53	9.000	L1
0.2400	37.43	62.10	24.66	9.000	L1
1.6463	34.63	56.00	21.37	9.000	L1
2.3775	46.98	56.00	9.02	9.000	L2
2.3843	47.00	56.00	9.00	9.000	L2
12.1448	40.72	60.00	19.28	9.000	L1

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1725	38.92	54.84	15.92	9.000	L1
0.2400	33.33	52.10	18.77	9.000	L1
0.3413	32.47	49.17	16.70	9.000	N
2.3843	35.06	46.00	10.94	9.000	L2
2.4540	35.84	46.00	10.16	9.000	L2
2.5215	35.23	46.00	10.77	9.000	L2
2.5440	34.35	46.00	11.65	9.000	N
11.9670	27.73	50.00	22.27	9.000	L1
12.7545	25.62	50.00	24.38	9.000	L1

[208 V] Induction cooking_Warm Zone

Full Spectrum

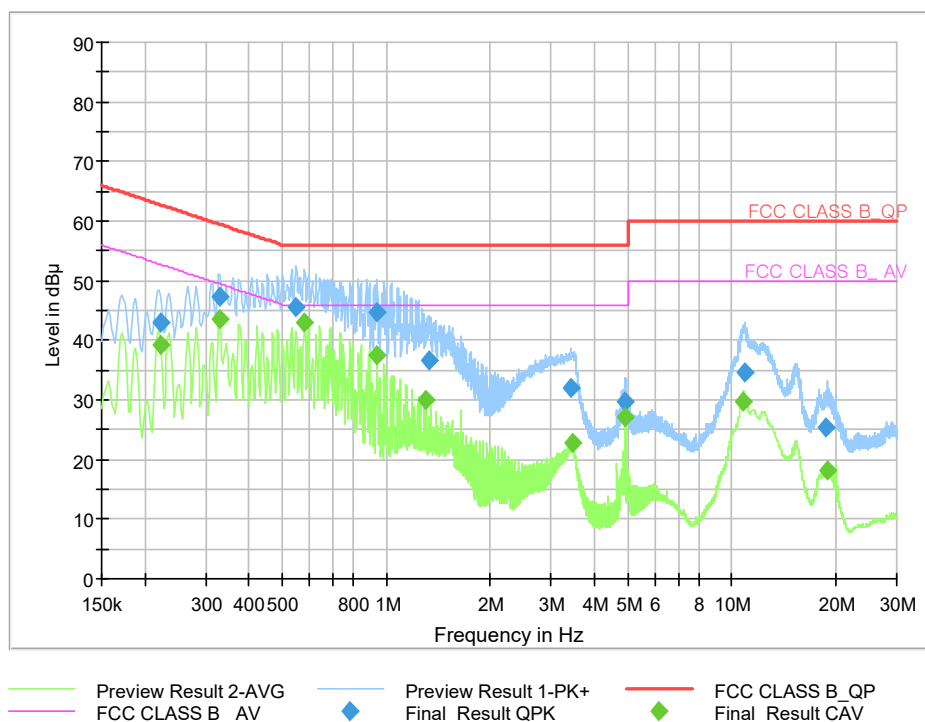


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0205	22.21	110.00	87.79	0.200	N
0.0431	32.69	110.00	77.31	0.200	N
0.1477	20.89	80.14	59.25	0.200	N
0.3340	34.15	59.35	25.20	9.000	N
0.5500	29.72	56.00	26.28	9.000	N
1.0020	20.26	56.00	35.74	9.000	L2
1.5540	33.18	56.00	22.82	9.000	N
4.9340	21.99	56.00	34.01	9.000	N
15.7580	22.33	60.00	37.67	9.000	N

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1620	25.05	55.36	30.31	9.000	N
0.3380	33.12	49.25	16.13	9.000	N
0.5500	26.60	46.00	19.40	9.000	N
1.0540	24.09	46.00	21.91	9.000	L2
1.5540	30.60	46.00	15.40	9.000	N
1.6460	35.37	46.00	10.63	9.000	N
2.2460	21.84	46.00	24.16	9.000	N
4.9420	24.06	46.00	21.94	9.000	N
10.7660	25.08	50.00	24.92	9.000	L1

[240 V] Oven+Camera+WiFi+BT Idle mode

Full Spectrum

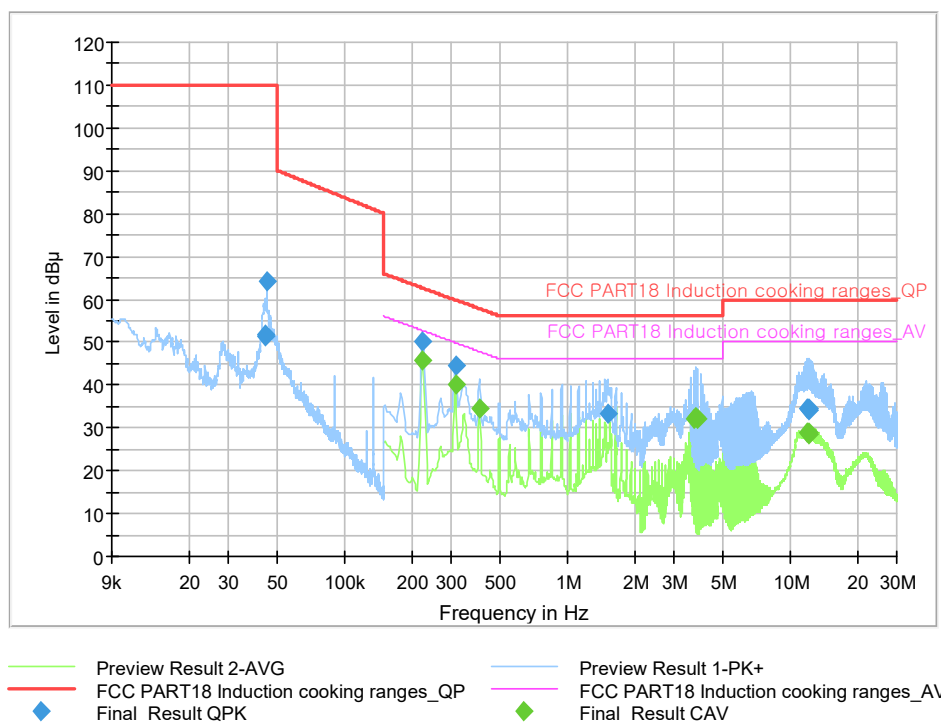


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2220	43.04	62.74	19.70	9.000	N
0.3300	47.38	59.45	12.07	9.000	N
0.5483	45.63	56.00	10.37	9.000	N
0.9398	44.74	56.00	11.26	9.000	N
1.3290	36.50	56.00	19.50	9.000	L1
3.4283	31.89	56.00	24.11	9.000	L1
4.9290	29.58	56.00	26.42	9.000	L2
10.9568	34.57	60.00	25.43	9.000	L2
18.7530	25.27	60.00	34.74	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2220	39.18	52.74	13.57	9.000	N
0.3300	43.50	49.45	5.95	9.000	N
0.5775	42.92	46.00	3.08	9.000	N
0.9420	37.53	46.00	8.47	9.000	N
1.3020	29.94	46.00	16.06	9.000	L1
3.4440	22.77	46.00	23.23	9.000	L1
4.9313	27.16	46.00	18.84	9.000	L2
10.7565	29.62	50.00	20.38	9.000	L2
18.8678	18.10	50.00	31.90	9.000	L2

[240 V] Induction cooking_Center Rear

Full Spectrum

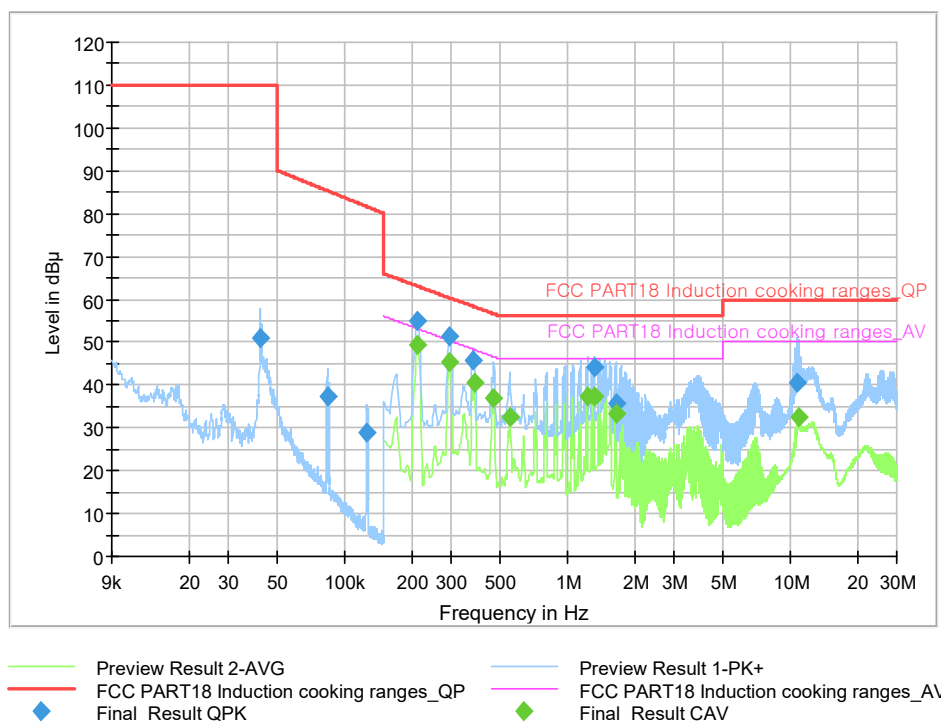


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0438	51.46	110.00	58.54	0.200	N
0.0440	51.78	110.00	58.22	0.200	N
0.0448	64.34	110.00	45.66	0.200	L2
0.2243	50.10	62.66	12.56	9.000	L1
0.3143	44.68	59.86	15.18	9.000	L1
1.5068	33.40	56.00	22.60	9.000	N
11.9243	34.38	60.00	25.62	9.000	L1
12.0210	34.38	60.00	25.63	9.000	L1
12.1088	34.13	60.00	25.87	9.000	L1

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2243	45.73	52.66	6.93	9.000	L1
0.3143	40.24	49.86	9.62	9.000	L1
0.4043	34.46	47.77	13.31	9.000	L1
3.6735	31.98	46.00	14.02	9.000	L2
3.7635	32.50	46.00	13.50	9.000	L2
3.8535	32.05	46.00	13.95	9.000	L2
11.8410	28.92	50.00	21.08	9.000	L1
12.0210	28.78	50.00	21.22	9.000	L1
12.1088	28.55	50.00	21.45	9.000	L1

[240 V] Induction cooking_Left Front

Full Spectrum

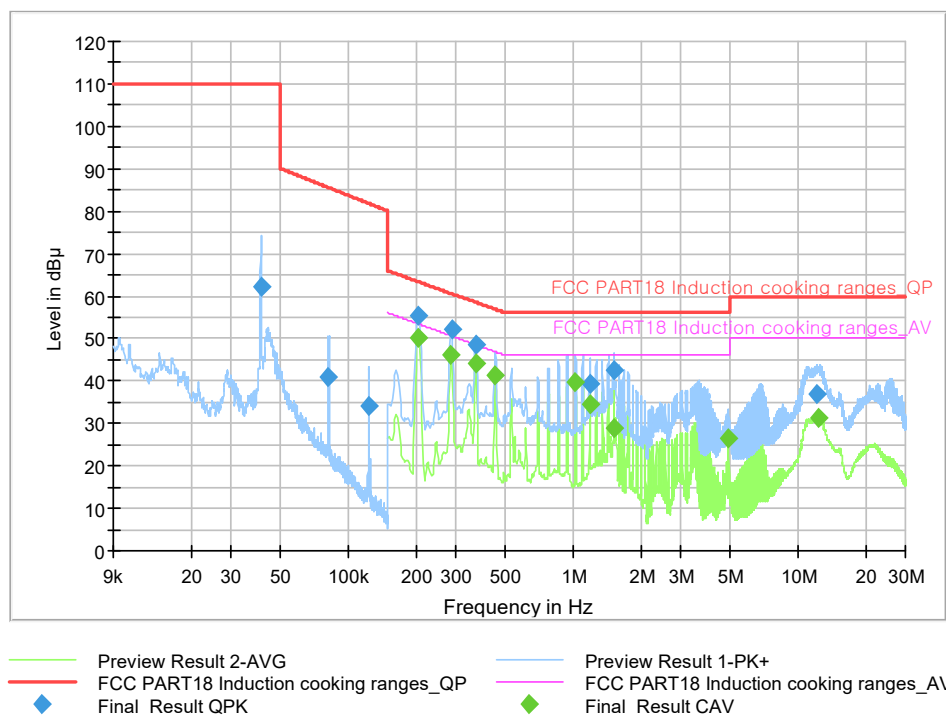


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0418	51.09	110.00	58.91	0.200	L2
0.0834	37.46	85.35	47.89	0.200	L2
0.1251	28.86	81.65	52.79	0.200	L2
0.2108	54.85	63.18	8.33	9.000	N
0.2963	51.18	60.35	9.17	9.000	N
0.3795	45.83	58.29	12.46	9.000	N
1.3155	44.04	56.00	11.96	9.000	N
1.6440	35.72	56.00	20.28	9.000	L1
10.7430	40.64	60.00	19.36	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2130	49.22	53.09	3.87	9.000	N
0.2963	45.51	50.35	4.84	9.000	N
0.3818	40.41	48.24	7.83	9.000	N
0.4673	36.81	46.56	9.75	9.000	N
0.5505	32.41	46.00	13.59	9.000	N
1.2300	37.33	46.00	8.67	9.000	N
1.3133	37.35	46.00	8.65	9.000	N
1.6530	33.48	46.00	12.52	9.000	N
10.8285	32.48	50.00	17.52	9.000	L2

[240 V] Induction cooking_Left Rear

Full Spectrum

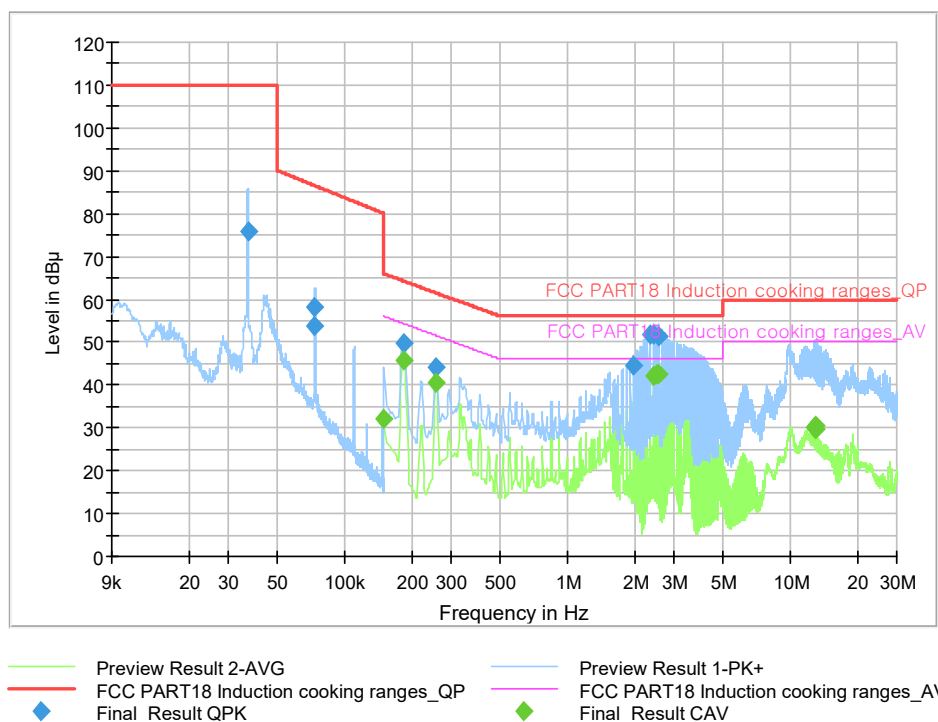


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0409	62.12	110.00	47.88	0.200	L1
0.0817	40.83	85.53	44.70	0.200	L1
0.1229	34.16	81.81	47.65	0.200	N
0.2040	55.54	63.45	7.90	9.000	N
0.2873	52.35	60.60	8.26	9.000	N
0.3683	48.63	58.54	9.91	9.000	N
1.1873	39.44	56.00	16.56	9.000	N
1.5180	42.35	56.00	13.65	9.000	N
12.1965	37.10	60.00	22.90	9.000	L1

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.2040	50.21	53.45	3.24	9.000	N
0.2850	46.30	50.67	4.36	9.000	N
0.3683	44.30	48.54	4.24	9.000	N
0.4515	41.24	46.85	5.60	9.000	N
1.0253	39.66	46.00	6.34	9.000	N
1.1873	34.62	46.00	11.38	9.000	N
1.5135	29.03	46.00	16.97	9.000	N
4.9290	26.33	46.00	19.67	9.000	L1
12.4125	31.49	50.00	18.51	9.000	L1

[240 V] Induction cooking_Right Front

Full Spectrum

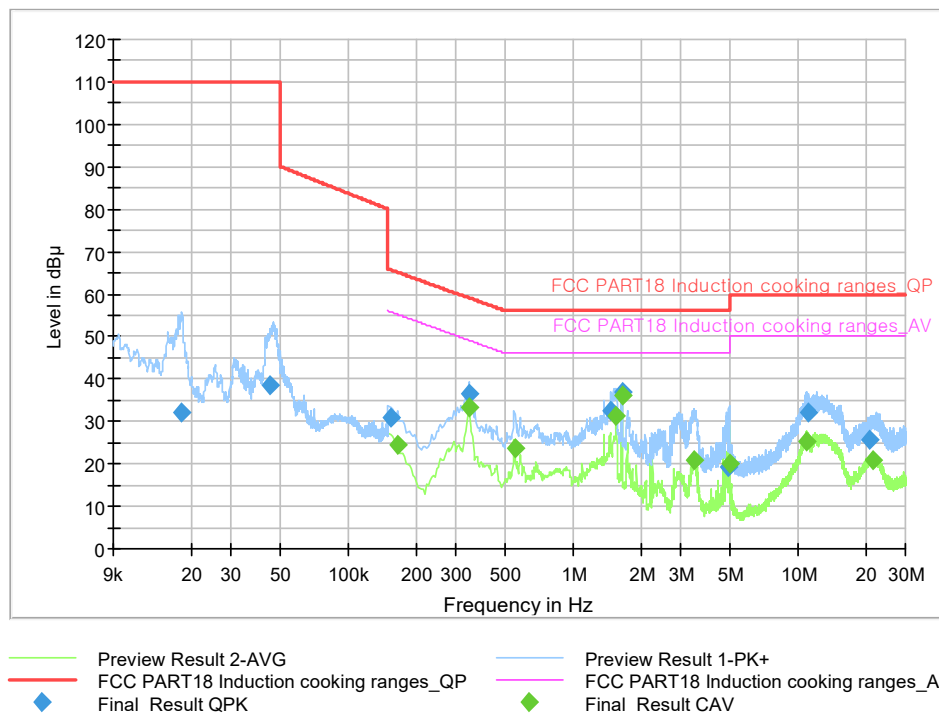


Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0368	75.97	110.00	34.03	0.200	L2
0.0734	53.85	86.51	32.66	0.200	L2
0.0736	58.08	86.49	28.41	0.200	L2
0.1838	49.75	64.31	14.57	9.000	L1
0.2580	44.16	61.50	17.33	9.000	L1
1.9883	44.46	56.00	11.54	9.000	L2
2.3550	51.59	56.00	4.41	9.000	L2
2.4270	51.93	56.00	4.07	9.000	L2
2.5733	51.55	56.00	4.45	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1500	32.20	56.00	23.80	9.000	L1
0.1838	45.80	54.31	8.51	9.000	L1
0.2580	40.45	51.50	11.04	9.000	L1
2.4270	42.29	46.00	3.71	9.000	N
2.5013	42.74	46.00	3.26	9.000	N
2.5733	42.43	46.00	3.57	9.000	N
12.8018	30.05	50.00	19.95	9.000	L1
12.8760	30.43	50.00	19.57	9.000	L1
13.0223	29.53	50.00	20.47	9.000	L1

[240 V] Induction cooking_Warm Zone

Full Spectrum



Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.0182	32.19	110.00	77.81	0.200	N
0.0452	38.36	110.00	71.64	0.200	N
0.1540	31.07	65.78	34.71	9.000	N
0.3420	36.51	59.16	22.65	9.000	N
1.4620	32.47	56.00	23.53	9.000	N
1.6460	36.96	56.00	19.04	9.000	N
4.9260	19.15	56.00	36.85	9.000	N
11.0340	32.09	60.00	27.91	9.000	L1
20.9460	25.72	60.00	34.28	9.000	L2

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line
0.1660	24.43	55.16	30.73	9.000	N
0.3420	33.46	49.16	15.70	9.000	N
0.5500	23.51	46.00	22.49	9.000	N
1.5540	31.15	46.00	14.85	9.000	N
1.6460	36.05	46.00	9.95	9.000	N
3.4580	20.78	46.00	25.22	9.000	L1
4.9340	19.90	46.00	26.10	9.000	N
10.9980	25.38	50.00	24.62	9.000	L1
21.6180	21.00	50.00	29.00	9.000	L2

7.2 Radiated Emission for 9 kHz to 30 MHz

7.2.1 Operating Condition

The test results of radiated emission provide the following information:

Date of Test (yy.mm.dd)	2026.02.08 ~ 2026.02.12		
Temperature	min. 18.6 °C	Relative Humidity	min. 33.2 %
	max. 24.2 °C		max. 44.1 %
Test Site	10 m Semi Anechoic Chamber #1		
Used Test Standard	FCC 47 CFR Ch. I PART 18 ANSI C63.4-2014		
Frequency Range	0.009 MHz to 30 MHz		
Bandwidth	9 kHz to 150 kHz / RBW: 200 Hz (6 dB), VBW: 500 Hz 150 kHz to 30 MHz / RBW: 9 kHz (6 dB), VBW: 30 kHz		
Detector Type	Quasi-Peak		
Measurement Distance	10 m		
Antenna Height	2 m		
Antenna Polarity	X, Y, Z		
Operating Mode	[208 V] Induction cooking_Center Rear [208 V] Induction cooking_Left Front [208 V] Induction cooking_Left Rear [208 V] Induction cooking_Right Front [208 V] Induction cooking_Warm Zone [240 V] Induction cooking_Center Rear [240 V] Induction cooking_Left Front [240 V] Induction cooking_Left Rear [240 V] Induction cooking_Right Front [240 V] Induction cooking_Warm Zone		
Test Result	PASS		

A field strength is calculated by the following equation;

$$A = B + C$$

Where

A: Field strength (Quasi Peak) in dB μ V/m

B: Meter reading in dB μ V/m

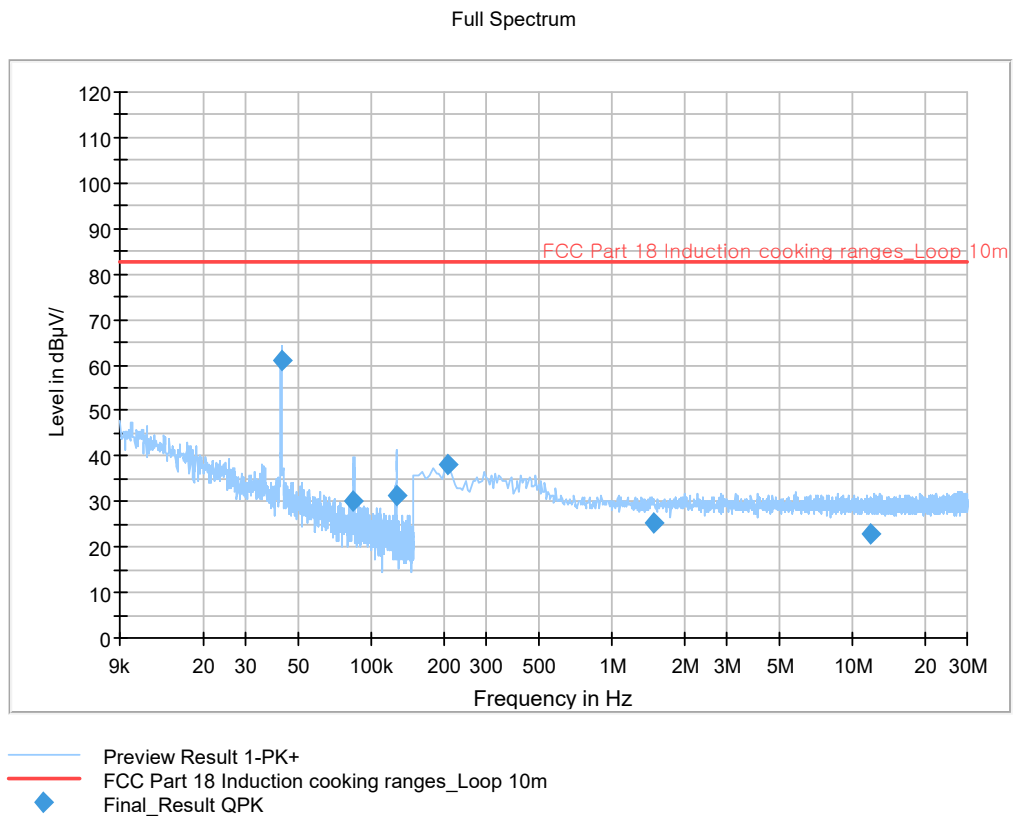
C: Corr. in dB (Cable loss + Antenna factor)

Margin in dB: Limit - A

The measurements' polarities are X, Y and Z.

7.2.2 Measurement Data

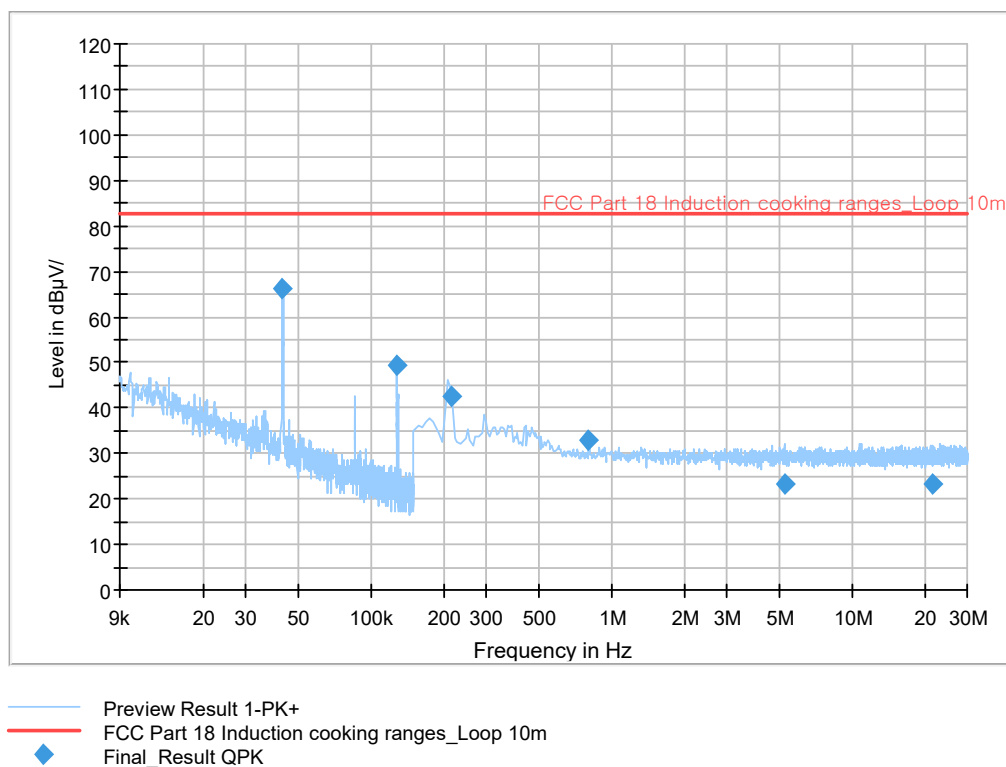
[208 V] Induction cooking_Center Rear_X-axis



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.042298	60.81	82.60	21.79	0.200	280.0	19.8
0.084652	30.01	82.60	52.59	0.200	207.0	19.8
0.127060	31.24	82.60	51.36	0.200	280.0	19.8
0.209700	38.00	82.60	44.60	9.000	11.0	19.8
1.487280	25.42	82.60	57.18	9.000	11.0	20.0
11.988510	22.73	82.60	59.87	9.000	288.0	20.1

[208 V] Induction cooking_Center Rear_Y-axis

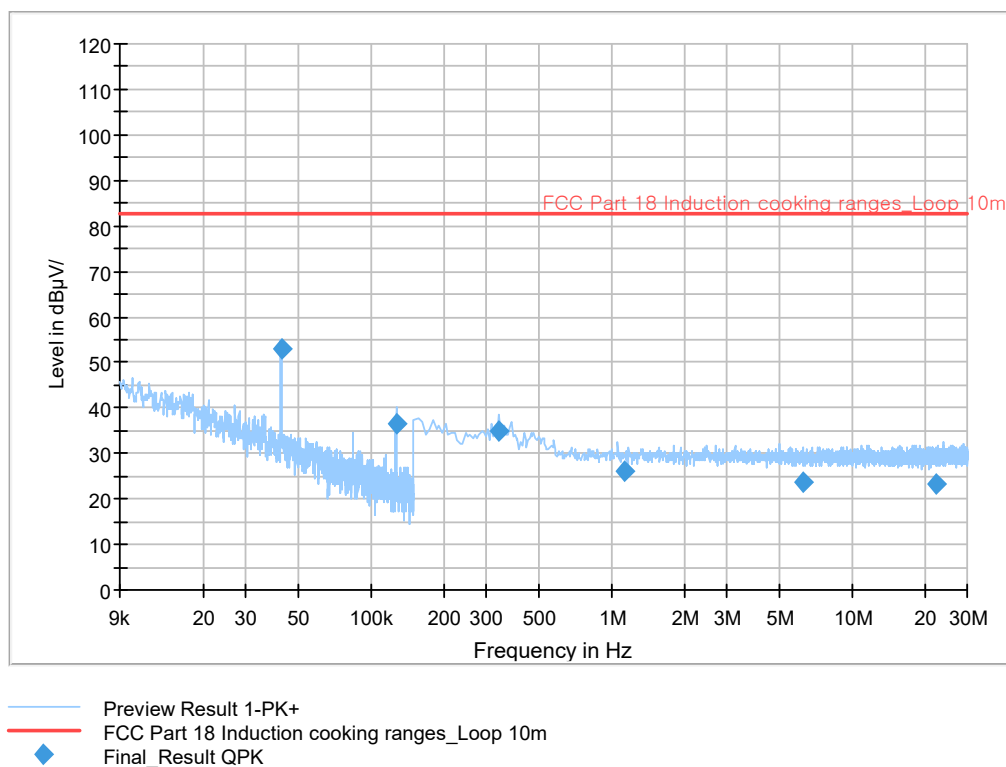
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0428	66.31	82.60	16.29	0.200	135.0	19.8
0.1285	49.44	82.60	33.16	0.200	350.0	19.8
0.2157	42.39	82.60	40.21	9.000	288.0	19.8
0.8007	32.77	82.60	49.83	9.000	288.0	19.9
5.2006	23.44	82.60	59.16	9.000	8.0	20.1
21.6778	23.28	82.60	59.32	9.000	156.0	20.3

[208 V] Induction cooking_Center Rear_Z-axis

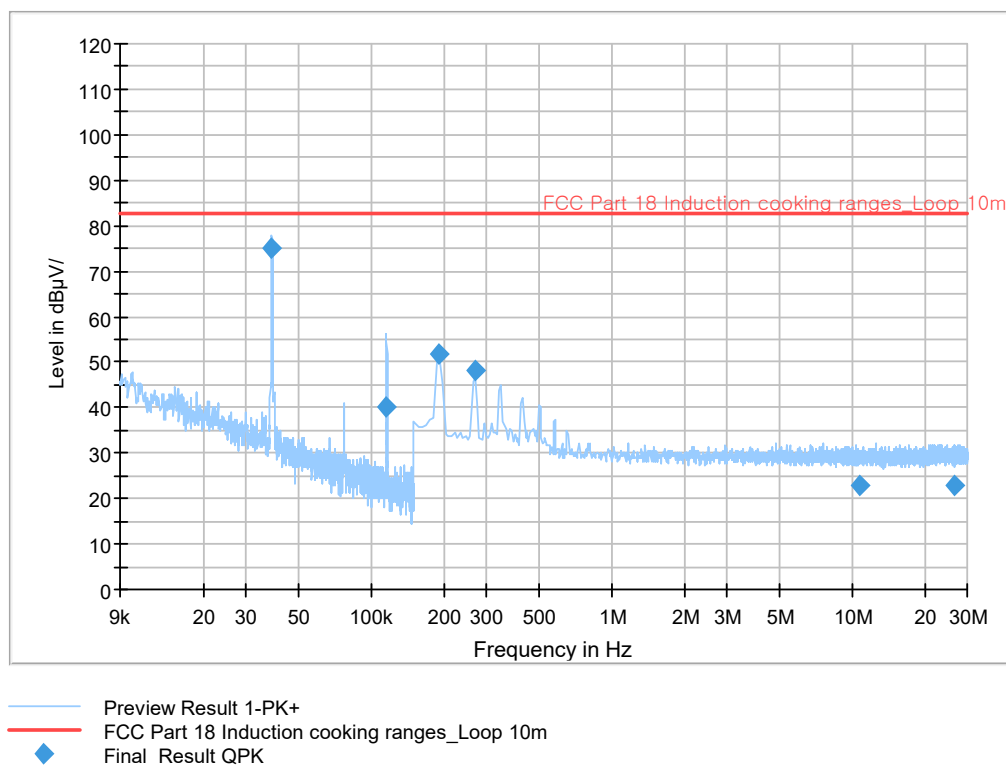
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0422	53.01	82.60	29.59	0.200	62.0	19.8
0.1266	36.41	82.60	46.19	0.200	135.0	19.8
0.3410	34.76	82.60	47.84	9.000	157.0	19.8
1.1351	26.24	82.60	56.36	9.000	157.0	20.0
6.2275	23.66	82.60	58.94	9.000	11.0	20.1
22.4360	23.08	82.60	59.52	9.000	11.0	20.3

[208 V] Induction cooking_Left Front_X-axis

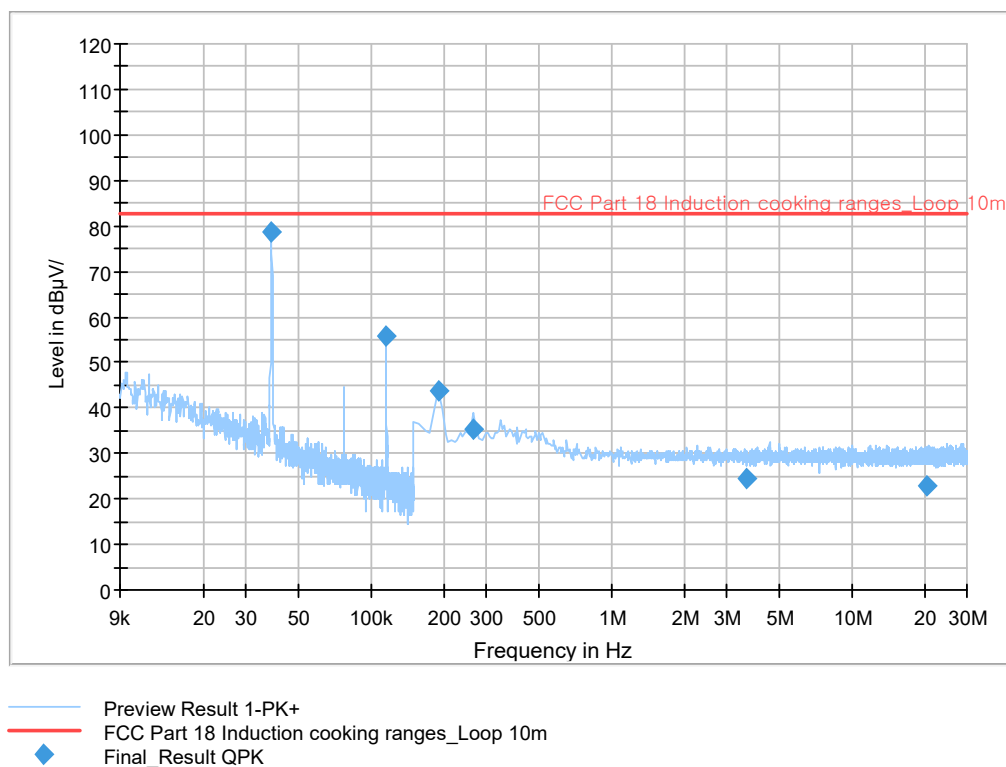
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.038556	75.13	82.60	7.47	0.200	63.0	19.8
0.115672	40.06	82.60	42.54	0.200	205.0	19.8
0.191790	51.97	82.60	30.63	9.000	160.0	19.8
0.269400	48.22	82.60	34.38	9.000	160.0	19.8
10.675110	22.77	82.60	59.83	9.000	160.0	20.1
26.382180	23.05	82.60	59.55	9.000	291.0	20.4

[208 V] Induction cooking_Left Front_Y-axis

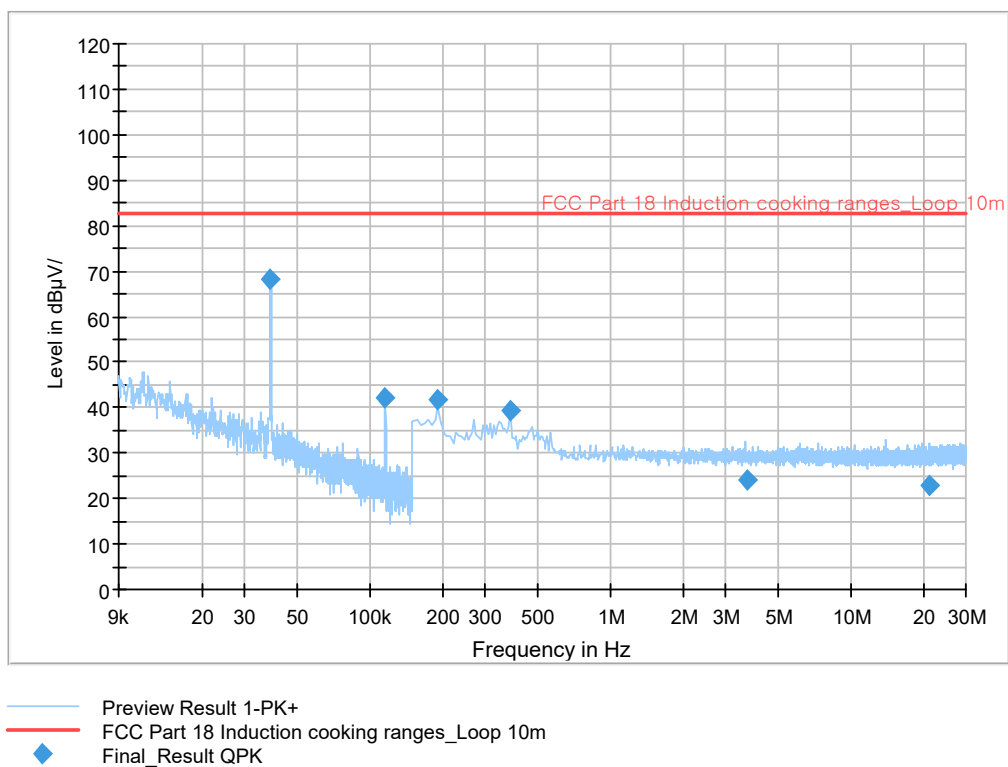
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0384	78.50	82.60	4.10	0.200	83.0	19.8
0.1155	55.67	82.60	26.93	0.200	83.0	19.8
0.1918	43.70	82.60	38.90	9.000	66.0	19.8
0.2634	35.33	82.60	47.27	9.000	348.0	19.8
3.6544	24.68	82.60	57.92	9.000	200.0	20.1
20.5077	22.88	82.60	59.72	9.000	66.0	20.3

[208 V] Induction cooking_Left Front_Z-axis

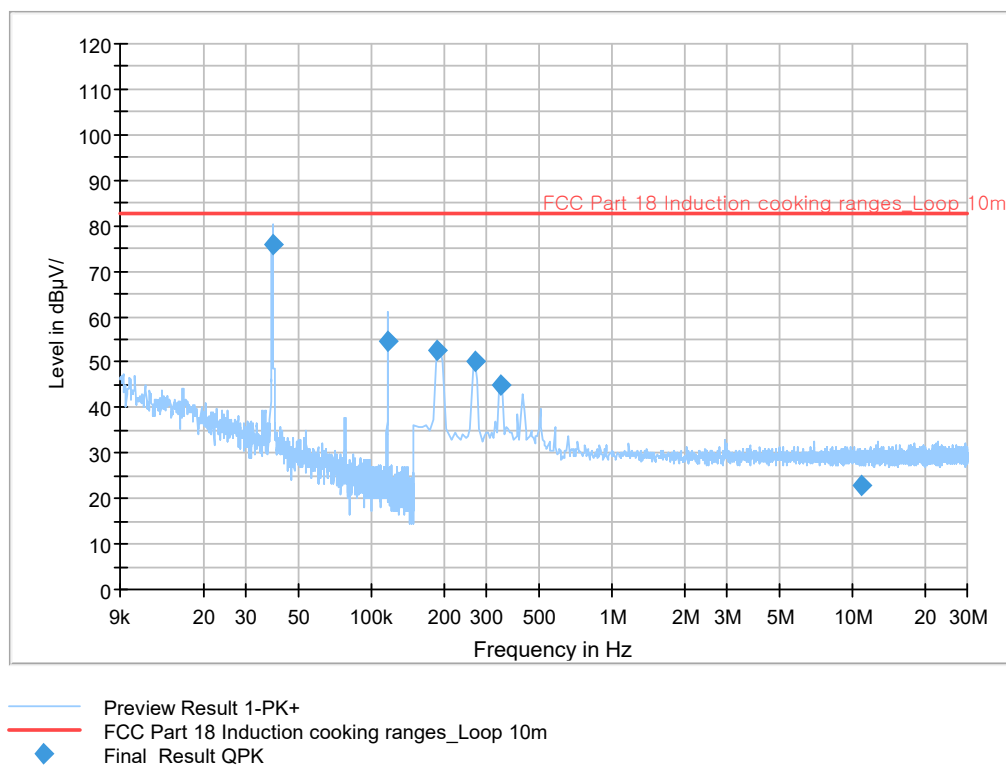
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0386	68.11	82.60	14.49	0.200	0.0	19.8
0.1157	42.23	82.60	40.37	0.200	63.0	19.8
0.1918	41.66	82.60	40.94	9.000	160.0	19.8
0.3828	39.15	82.60	43.45	9.000	160.0	19.8
3.6663	24.04	82.60	58.56	9.000	291.0	20.1
21.0928	22.85	82.60	59.75	9.000	12.0	20.3

[208 V] Induction cooking_Left Rear _X-axis

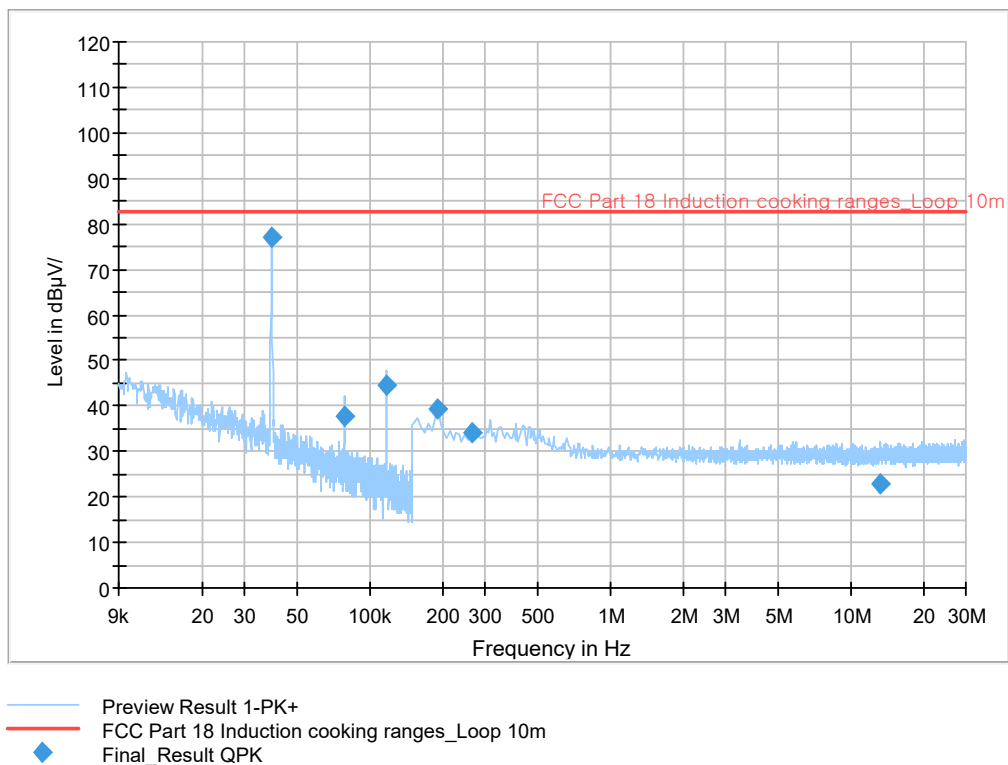
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0387	75.96	82.60	6.64	0.200	207.0	19.8
0.1164	54.71	82.60	27.89	0.200	134.0	19.8
0.1858	52.70	82.60	29.90	9.000	14.0	19.8
0.2694	50.04	82.60	32.56	9.000	14.0	19.8
0.3470	45.10	82.60	37.50	9.000	160.0	19.8
10.8244	22.85	82.60	59.75	9.000	160.0	20.1

[208 V] Induction cooking_Left Rear _Y-axis

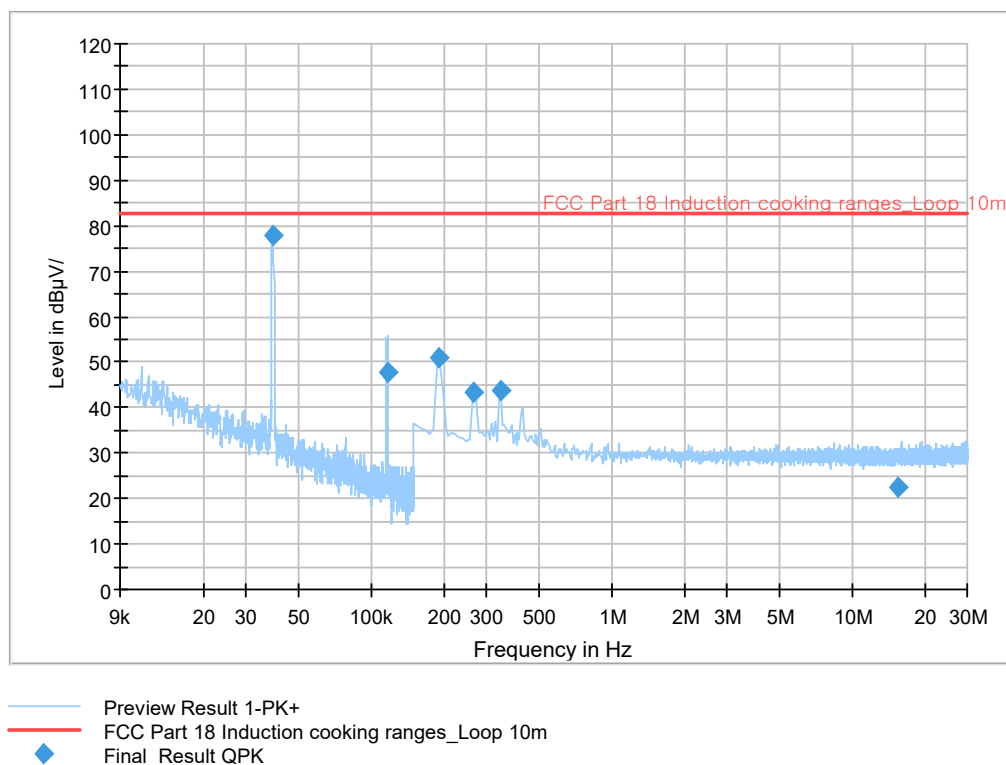
Full Spectrum



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0389	77.04	82.60	5.56	0.200	209.0	19.8
0.0779	37.79	82.60	44.81	0.200	67.0	19.8
0.1169	44.53	82.60	38.07	0.200	352.0	19.8
0.1918	39.52	82.60	43.08	9.000	11.0	19.8
0.2634	34.03	82.60	48.57	9.000	292.0	19.8
13.2780	22.83	82.60	59.77	9.000	292.0	20.1

[208 V] Induction cooking_Left Rear _Z-axis

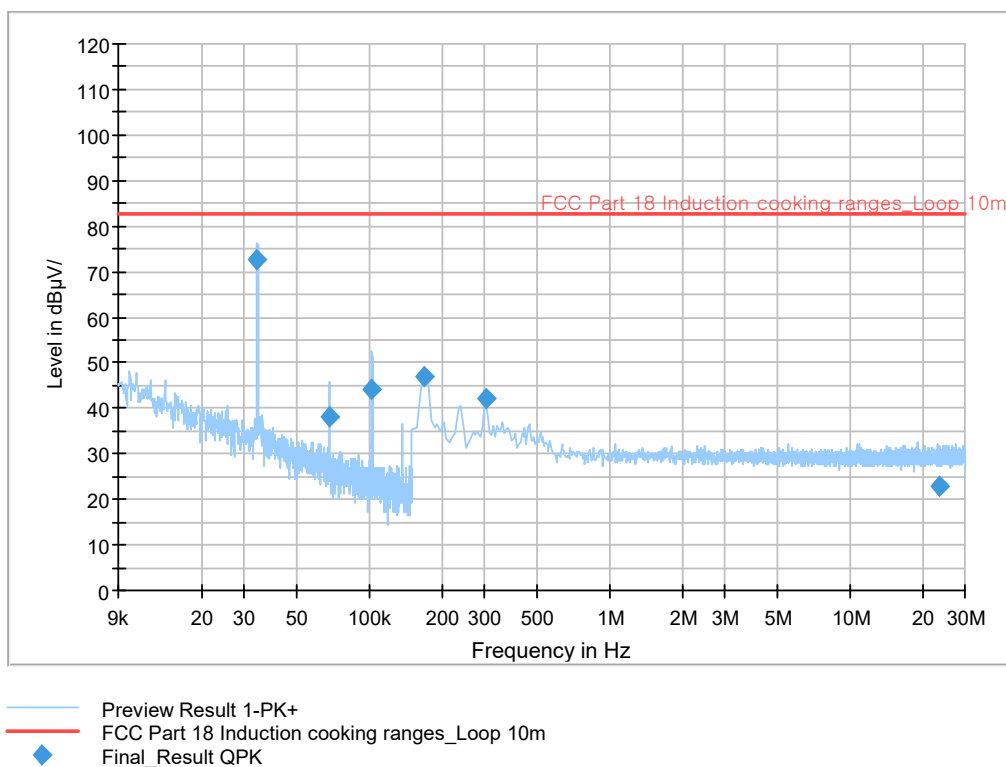
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0390	77.79	82.60	4.81	0.200	206.0	19.8
0.1163	47.80	82.60	34.80	0.200	62.0	19.8
0.1918	50.90	82.60	31.70	9.000	8.0	19.8
0.2634	43.35	82.60	39.25	9.000	8.0	19.8
0.3470	43.80	82.60	38.80	9.000	156.0	19.8
15.3317	22.59	82.60	60.01	9.000	289.0	20.2

[208 V] Induction cooking_ Right Front _X-axis

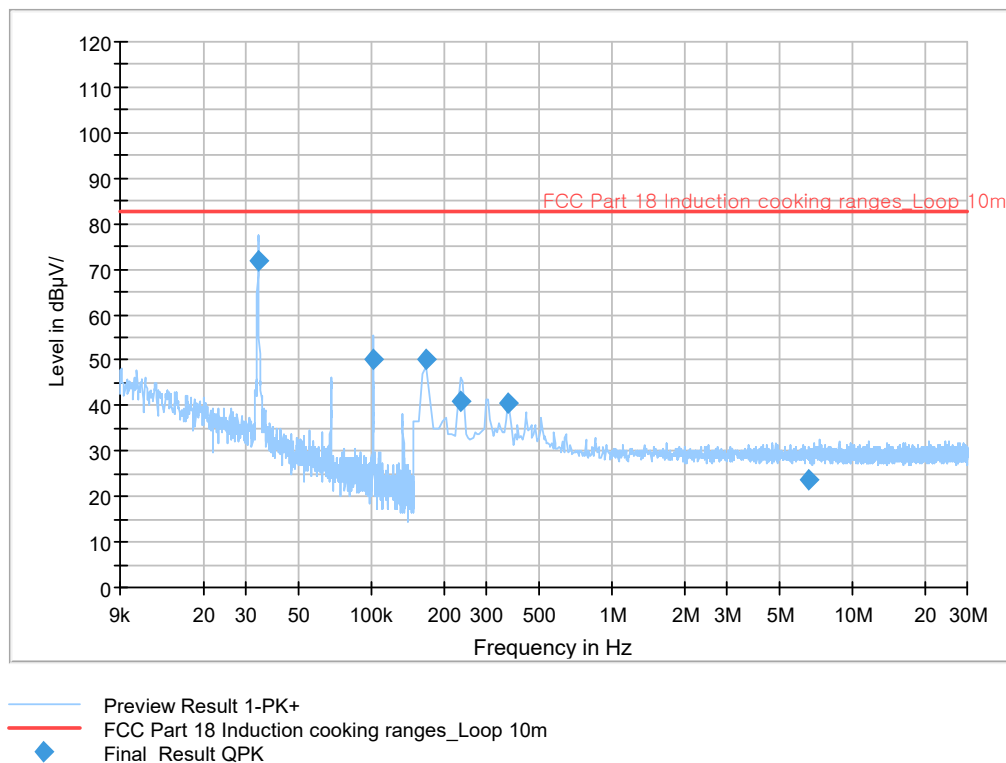
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0341	72.66	82.60	9.94	0.200	204.0	19.8
0.0683	38.25	82.60	44.35	0.200	204.0	19.8
0.1024	44.13	82.60	38.47	0.200	204.0	19.8
0.1679	46.95	82.60	35.65	9.000	159.0	19.8
0.3052	42.04	82.60	40.56	9.000	159.0	19.8
23.6002	22.96	82.60	59.64	9.000	11.0	20.4

[208 V] Induction cooking_Right Front _Y-axis

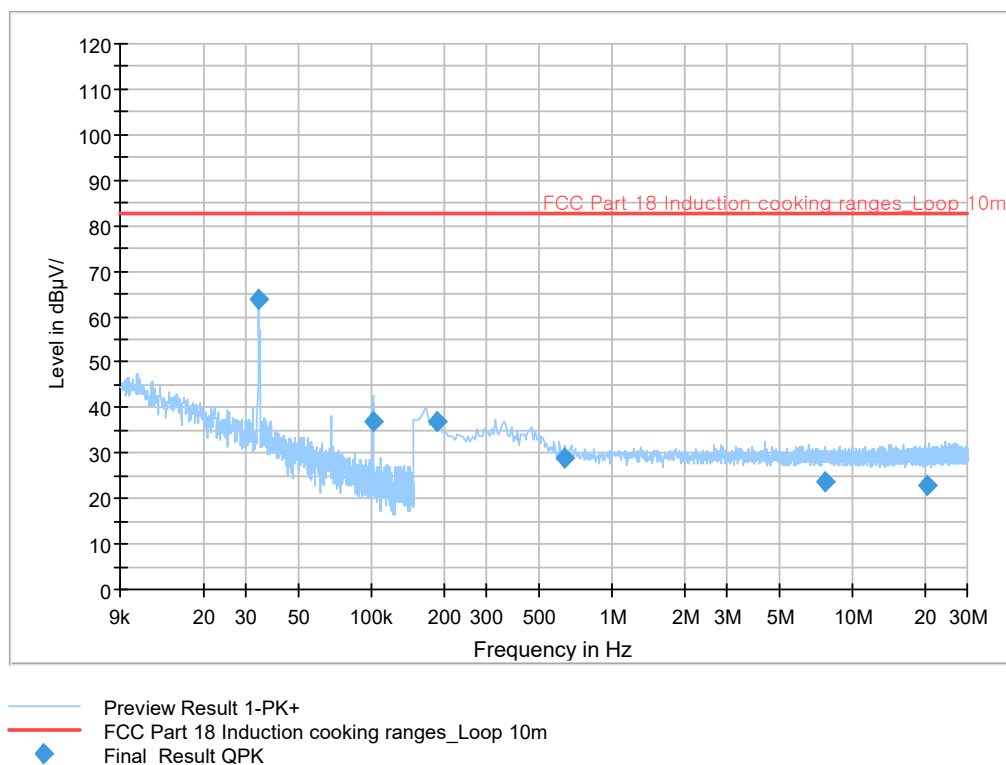
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0339	71.83	82.60	10.77	0.200	276.0	19.8
0.1015	50.11	82.60	32.49	0.200	349.0	19.8
0.1679	50.06	82.60	32.54	9.000	291.0	19.8
0.2336	41.12	82.60	41.48	9.000	291.0	19.8
0.3709	40.36	82.60	42.24	9.000	291.0	19.8
6.6095	23.73	82.60	58.87	9.000	11.0	20.1

[208 V] Induction cooking_Right Front _Z-axis

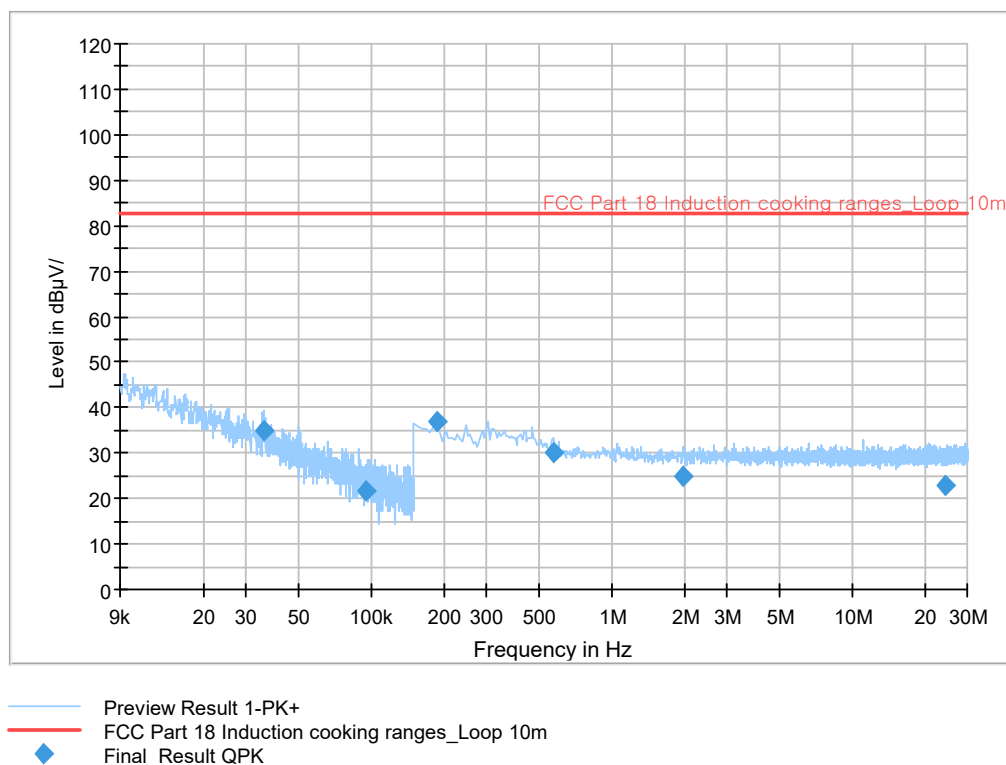
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0340	63.80	82.60	18.80	0.200	153.0	19.8
0.1018	36.93	82.60	45.67	0.200	299.0	19.8
0.1858	37.09	82.60	45.51	9.000	349.0	19.8
0.6336	28.84	82.60	53.76	9.000	70.0	19.9
7.6483	23.87	82.60	58.73	9.000	202.0	20.1
20.6092	23.04	82.60	59.56	9.000	202.0	20.3

[208 V] Induction cooking_ Warm Zone _X-axis

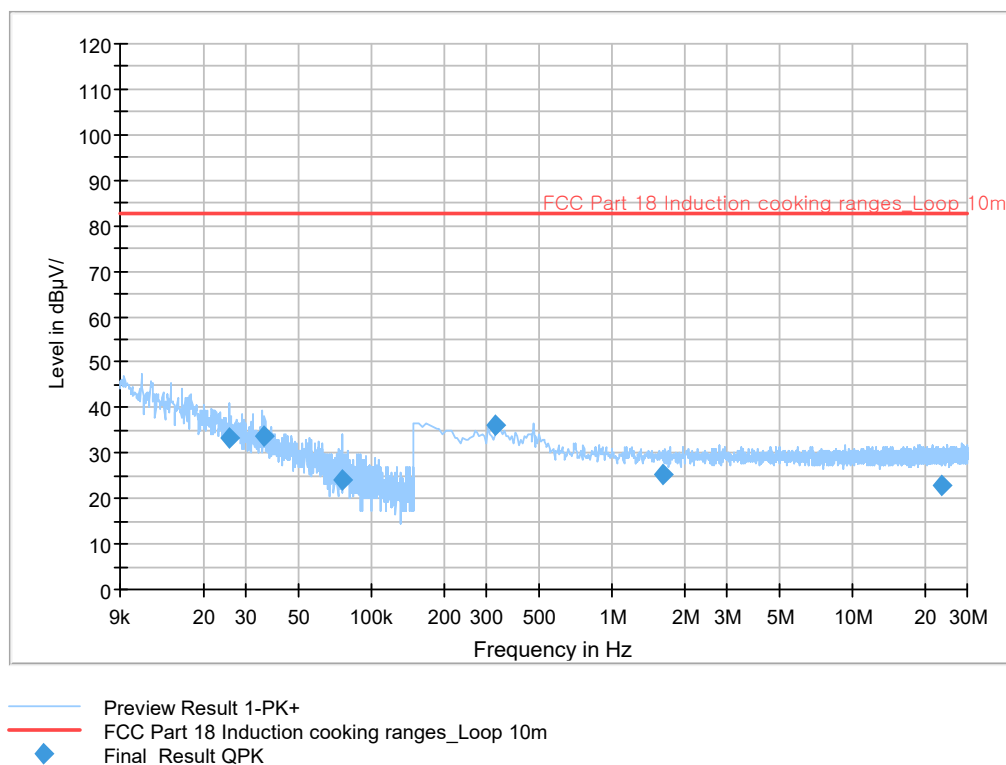
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0359	34.81	82.60	47.79	0.200	80.0	19.8
0.0942	21.62	82.60	60.98	0.200	0.0	19.8
0.1858	37.07	82.60	45.53	9.000	352.0	19.8
0.5679	30.24	82.60	52.36	9.000	352.0	19.8
1.9649	24.89	82.60	57.71	9.000	42.0	20.0
24.1613	22.99	82.60	59.61	9.000	42.0	20.4

[208 V] Induction cooking_ Warm Zone _Y-axis

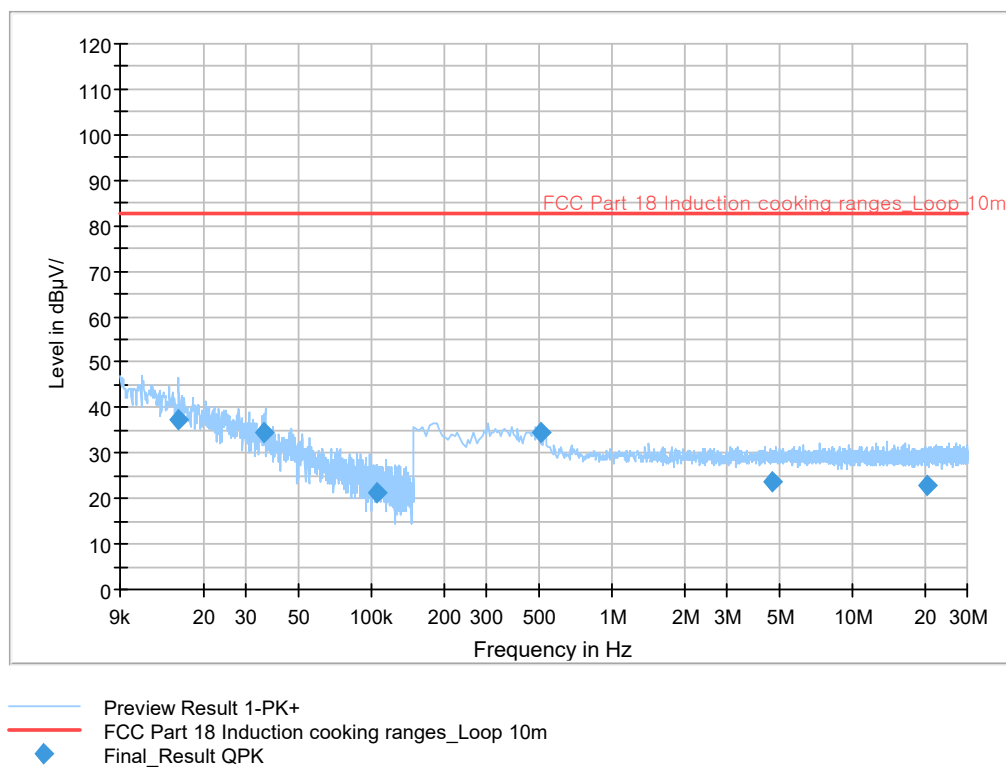
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0256	33.44	82.60	49.16	0.200	280.0	19.8
0.0360	33.64	82.60	48.96	0.200	207.0	19.8
0.0758	24.28	82.60	58.32	0.200	0.0	19.8
0.3291	35.98	82.60	46.62	9.000	10.0	19.8
1.6365	25.15	82.60	57.45	9.000	296.0	20.0
23.6300	23.03	82.60	59.57	9.000	163.0	20.4

[208 V] Induction cooking_ Warm Zone _Z-axis

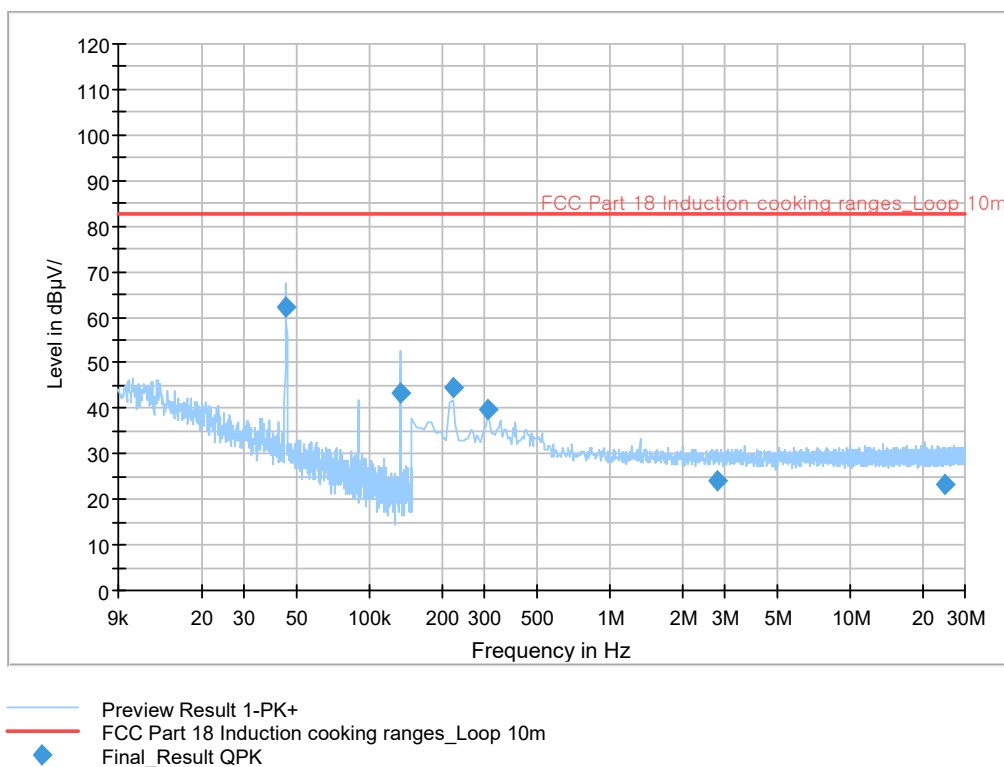
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0158	37.26	82.60	45.34	0.200	0.0	19.8
0.0360	34.42	82.60	48.18	0.200	153.0	19.8
0.1054	21.09	82.60	61.51	0.200	0.0	19.8
0.5022	34.67	82.60	47.93	9.000	199.0	19.8
4.6275	23.62	82.60	58.98	9.000	199.0	20.1
20.2928	22.85	82.60	59.75	9.000	199.0	20.3

[240 V] Induction cooking_Center Rear_X-axis

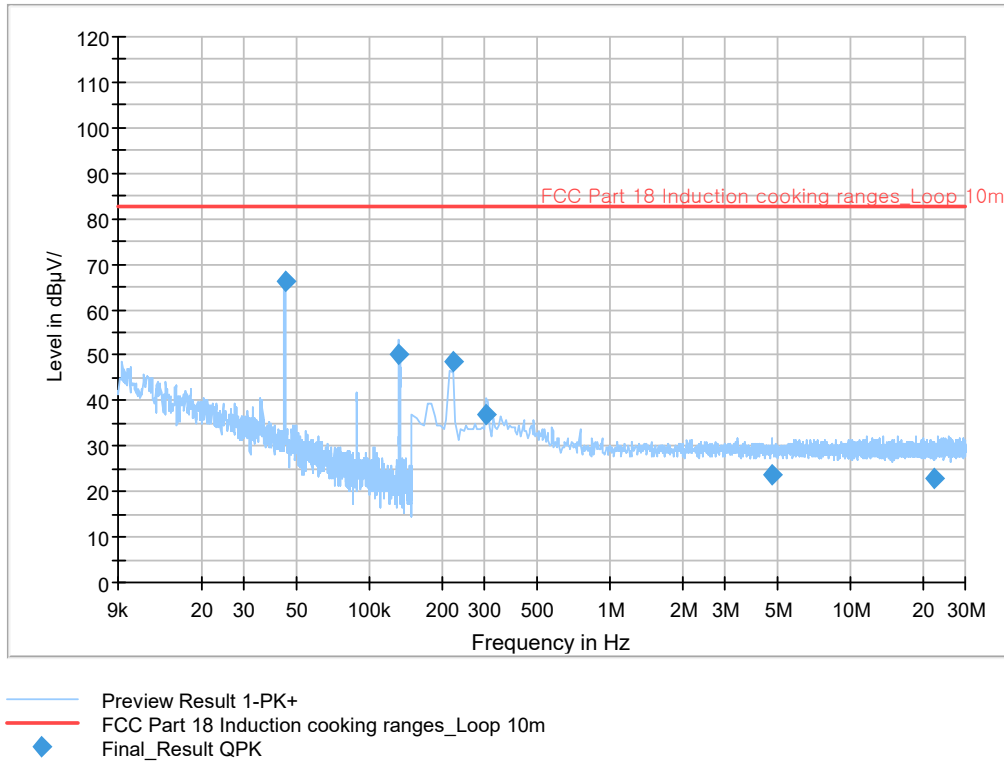
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0447	62.28	82.60	20.32	0.200	0.0	19.8
0.1348	43.19	82.60	39.41	0.200	134.0	19.8
0.2216	44.35	82.60	38.25	9.000	8.0	19.8
0.3112	39.62	82.60	42.98	9.000	8.0	19.8
2.8126	24.05	82.60	58.55	9.000	8.0	20.0
24.8718	23.10	82.60	59.50	9.000	288.0	20.4

[240 V] Induction cooking_Center Rear_Y-axis

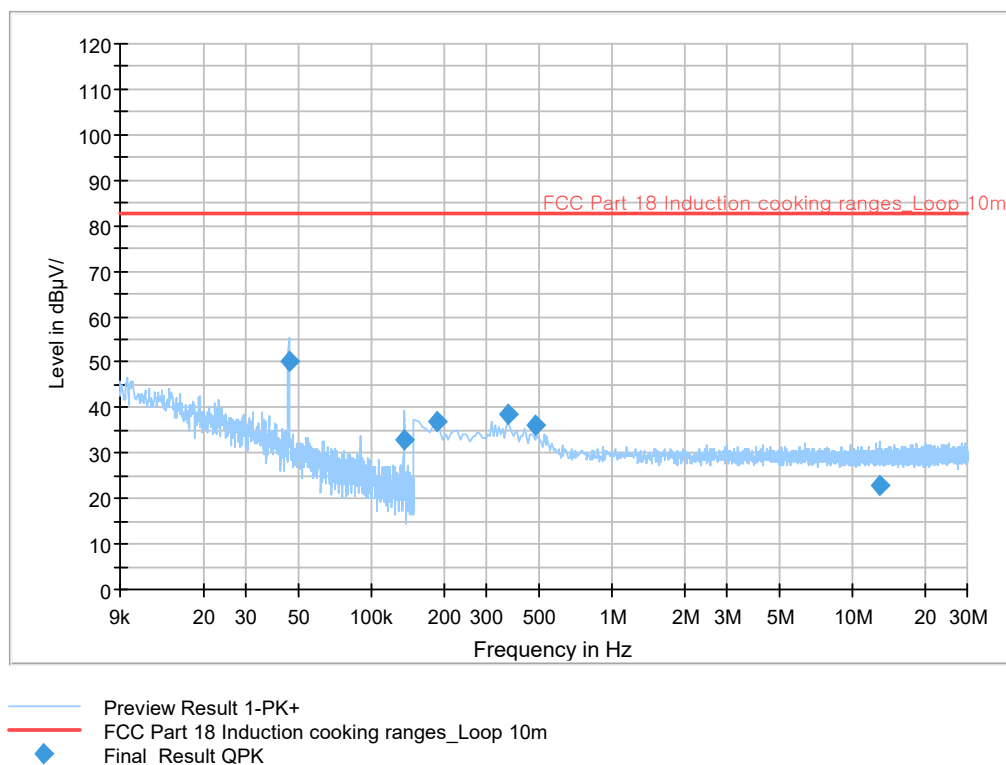
Full Spectrum



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0445	66.34	82.60	16.26	0.200	131.0	19.8
0.1331	50.33	82.60	32.27	0.200	346.0	19.8
0.2216	48.53	82.60	34.07	9.000	293.0	19.8
0.3052	37.09	82.60	45.51	9.000	293.0	19.8
4.6872	23.69	82.60	58.91	9.000	11.0	20.1
22.4778	22.89	82.60	59.71	9.000	11.0	20.3

[240 V] Induction cooking_Center Rear_Z-axis

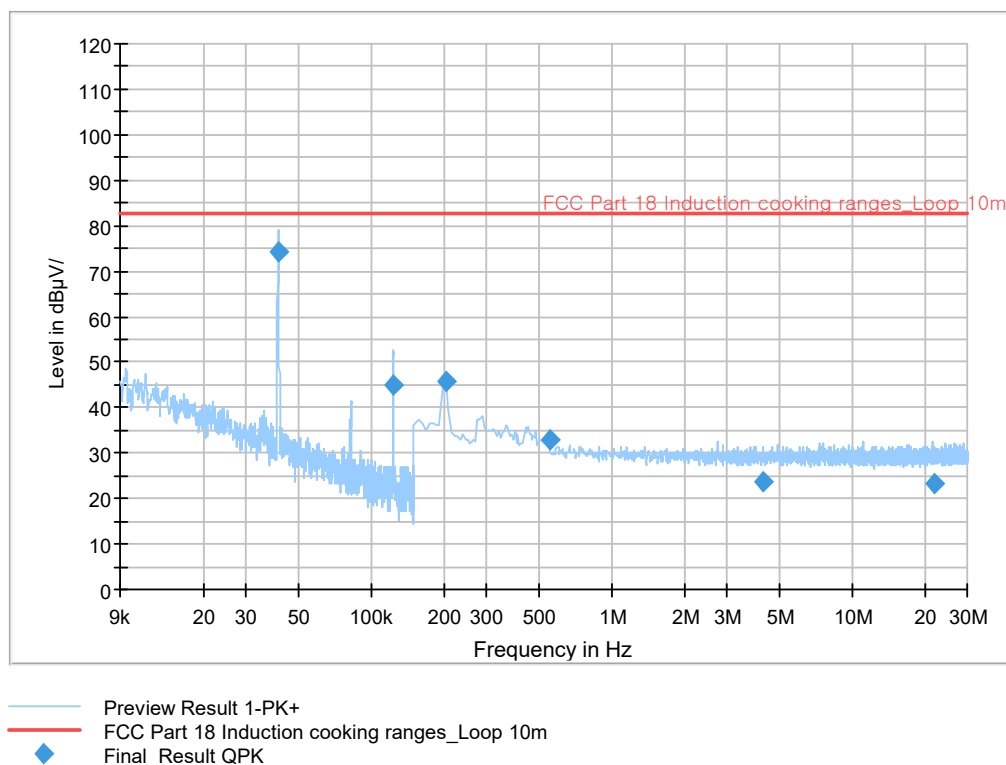
Full Spectrum



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0453	50.30	82.60	32.30	0.200	155.0	19.8
0.1359	33.10	82.60	49.50	0.200	155.0	19.8
0.1858	37.12	82.60	45.48	9.000	352.0	19.8
0.3709	38.70	82.60	43.90	9.000	352.0	19.8
0.4843	36.27	82.60	46.33	9.000	352.0	19.8
13.0691	22.86	82.60	59.74	9.000	204.0	20.1

[240 V] Induction cooking_Left Front_X-axis

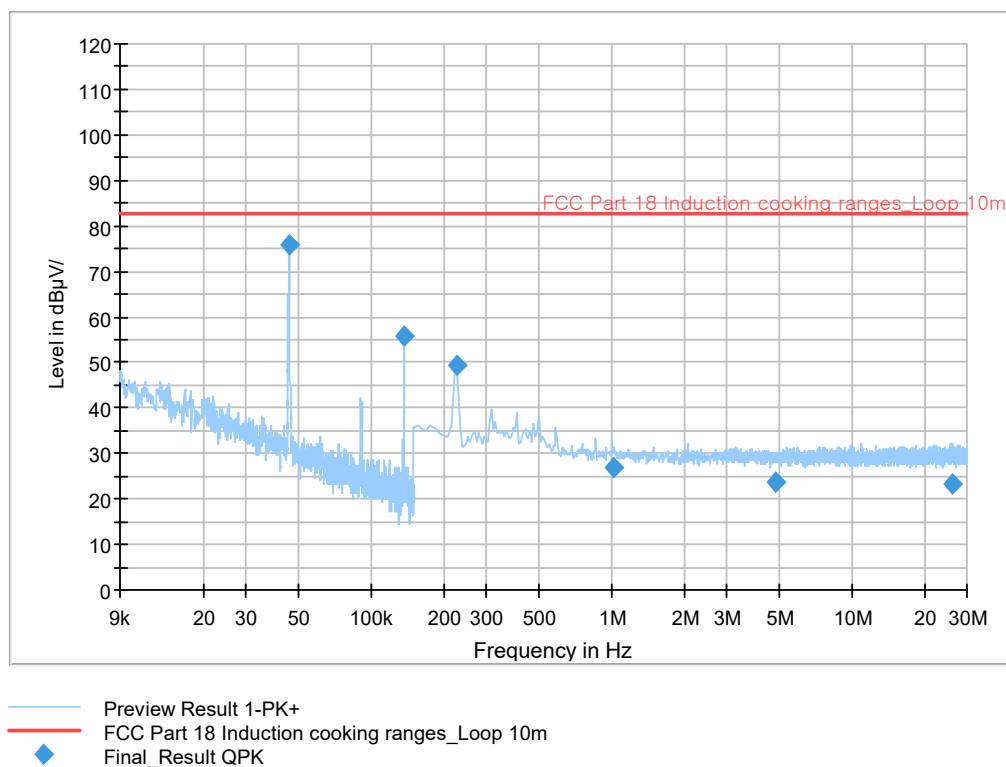
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.040942	74.44	82.60	8.16	0.200	60.0	19.8
0.122939	45.02	82.60	37.58	0.200	0.0	19.8
0.203730	45.89	82.60	36.71	9.000	157.0	19.8
0.549990	32.76	82.60	49.84	9.000	157.0	19.8
4.263330	23.81	82.60	58.79	9.000	290.0	20.1
21.827070	23.09	82.60	59.51	9.000	157.0	20.3

[240 V] Induction cooking_Left Front_Y-axis

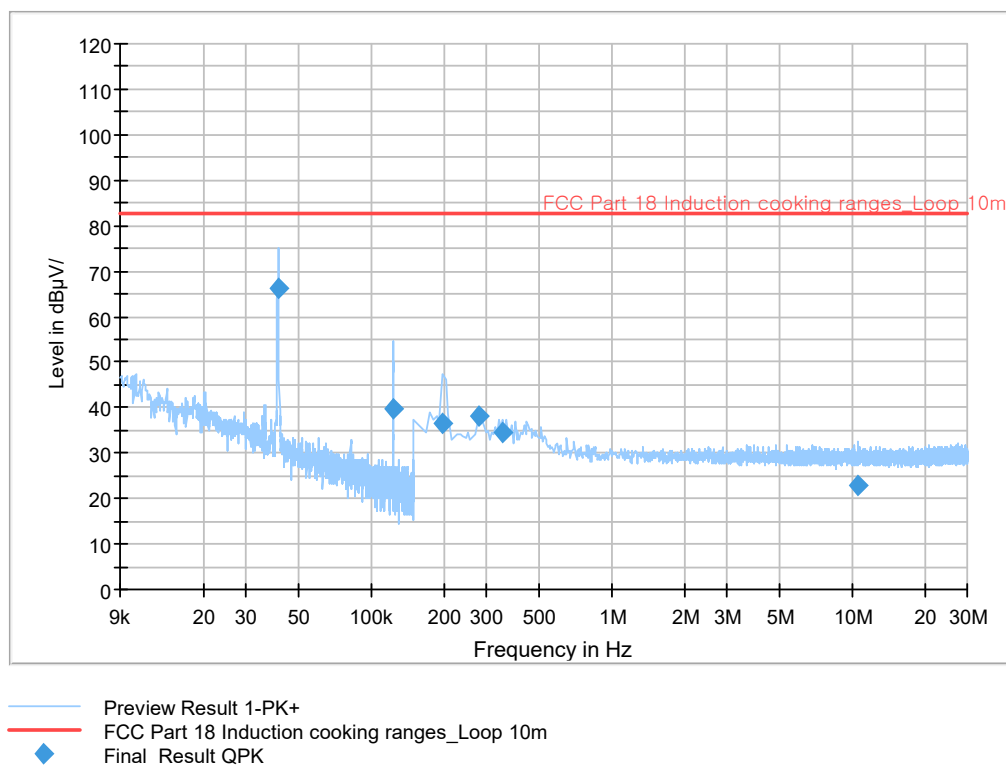
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0453	75.74	82.60	6.86	0.200	135.0	19.8
0.1366	55.60	82.60	27.00	0.200	349.0	19.8
0.2276	49.22	82.60	33.38	9.000	292.0	19.8
1.0216	26.80	82.60	55.80	9.000	292.0	20.0
4.8365	23.85	82.60	58.75	9.000	159.0	20.1
26.1255	23.16	82.60	59.44	9.000	292.0	20.4

[240 V] Induction cooking_Left Front_Z-axis

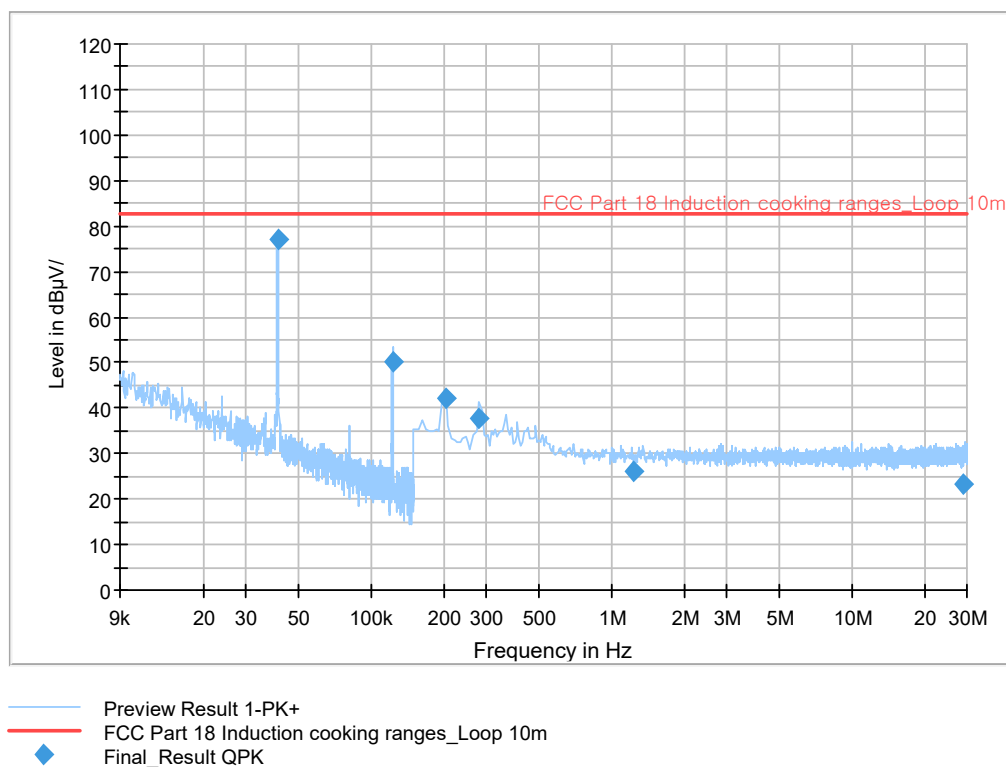
Full Spectrum



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0409	66.13	82.60	16.47	0.200	58.0	19.8
0.1227	39.89	82.60	42.71	0.200	276.0	19.8
0.1978	36.39	82.60	46.21	9.000	10.0	19.8
0.2813	38.05	82.60	44.55	9.000	10.0	19.8
0.3530	34.60	82.60	48.00	9.000	290.0	19.8
10.5975	23.03	82.60	59.57	9.000	10.0	20.1

[240 V] Induction cooking_Left Rear _X-axis

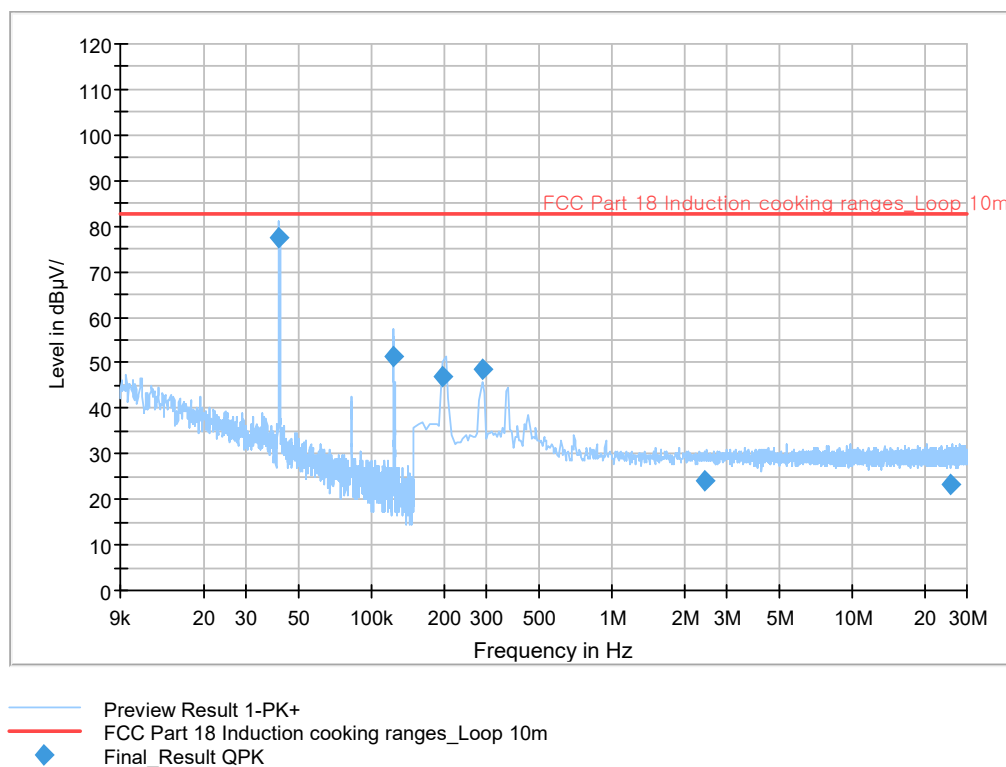
Full Spectrum



Frequency (MHz)	QuasiPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0407	77.00	82.60	5.60	0.200	279.0	19.8
0.1223	50.00	82.60	32.60	0.200	134.0	19.8
0.2037	42.00	82.60	40.60	9.000	12.0	19.8
0.2813	37.89	82.60	44.71	9.000	12.0	19.8
1.2365	26.09	82.60	56.51	9.000	290.0	20.0
28.9075	23.26	82.60	59.34	9.000	12.0	20.5

[240 V] Induction cooking_Left Rear _Y-axis

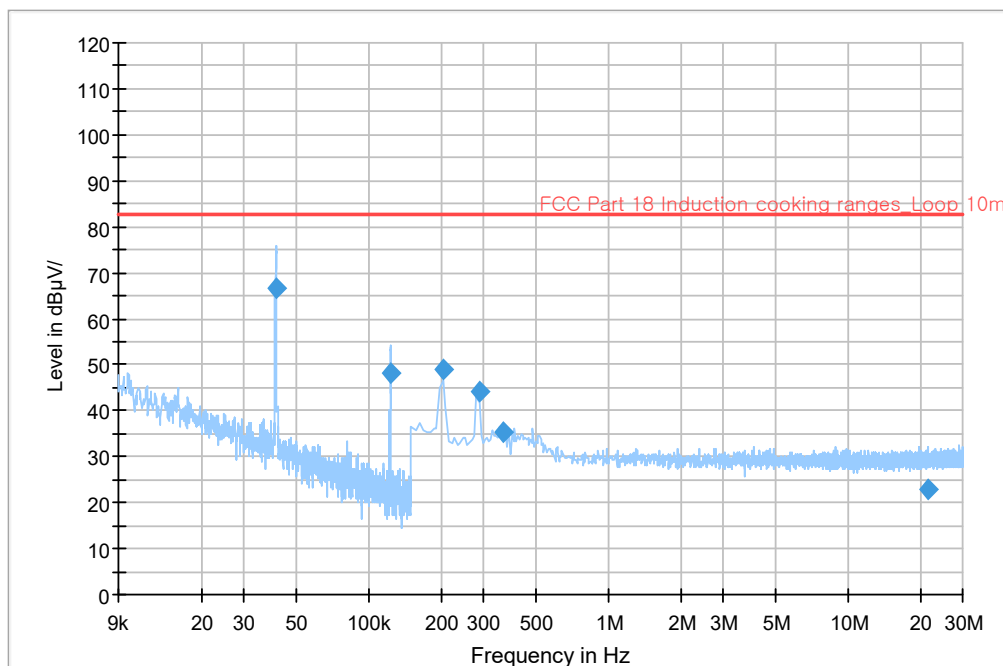
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0414	77.55	82.60	5.05	0.200	82.0	19.8
0.1239	51.33	82.60	31.27	0.200	82.0	19.8
0.1978	46.96	82.60	35.64	9.000	346.0	19.8
0.2873	48.41	82.60	34.19	9.000	346.0	19.8
2.4365	24.26	82.60	58.34	9.000	69.0	20.0
25.5285	23.09	82.60	59.51	9.000	346.0	20.4

[240 V] Induction cooking_Left Rear _Z-axis

Full Spectrum

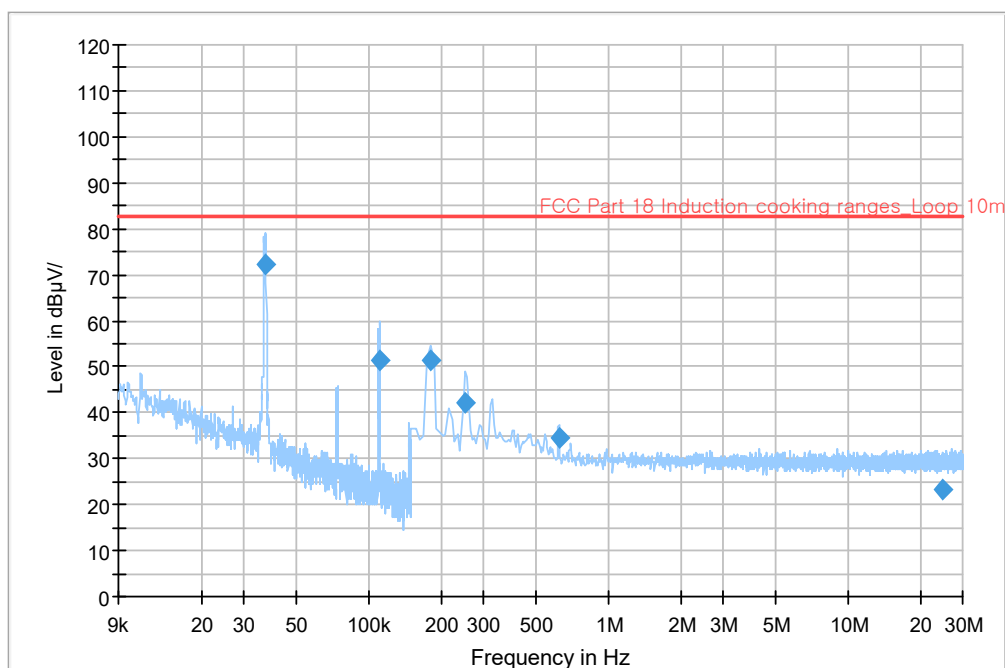


Preview Result 1-PK+
 FCC Part 18 Induction cooking ranges_Loop 10m
 Final_Result QPK

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0409	66.75	82.60	15.85	0.200	155.0	19.8
0.1226	48.04	82.60	34.56	0.200	0.0	19.8
0.2037	48.79	82.60	33.81	9.000	348.0	19.8
0.2873	43.98	82.60	38.62	9.000	348.0	19.8
0.3649	35.30	82.60	47.30	9.000	200.0	19.8
21.5465	23.04	82.60	59.56	9.000	348.0	20.3

[240 V] Induction cooking_Right Front _X-axis

Full Spectrum

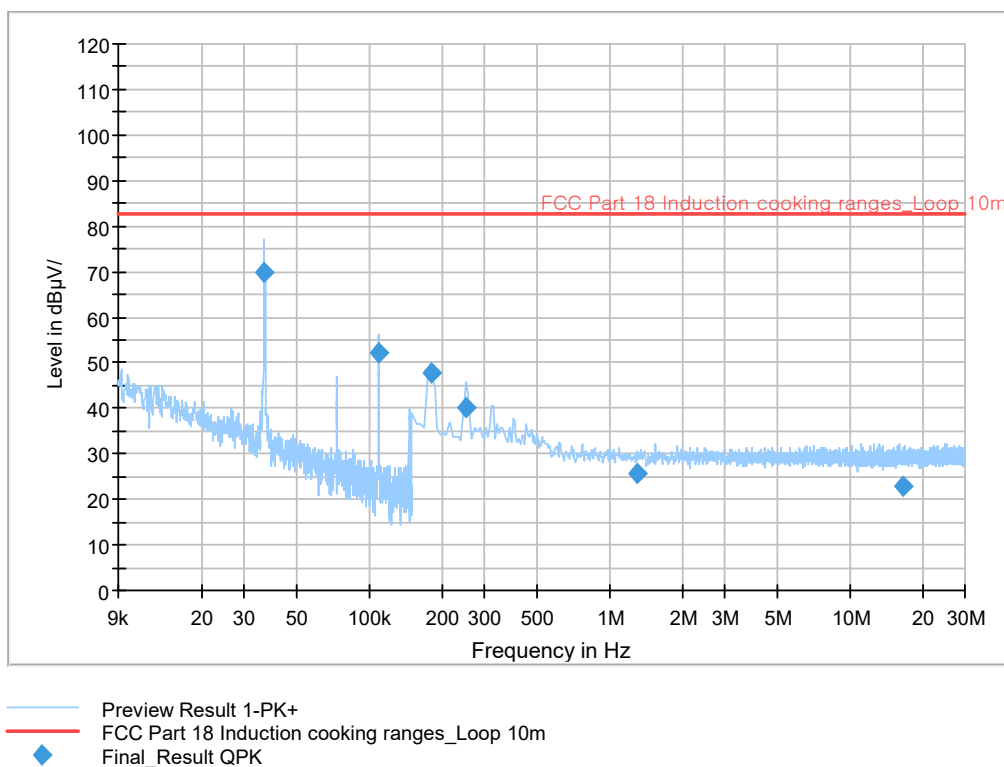


Preview Result 1-PK+
 FCC Part 18 Induction cooking ranges_Loop 10m
 Final_Result QPK

Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0368	72.20	82.60	10.40	0.200	352.0	19.8
0.1110	51.44	82.60	31.16	0.200	0.0	19.8
0.1799	51.24	82.60	31.36	9.000	160.0	19.8
0.2515	42.01	82.60	40.59	9.000	160.0	19.8
0.6216	34.48	82.60	48.12	9.000	160.0	19.9
24.5912	23.17	82.60	59.43	9.000	160.0	20.4

[240 V] Induction cooking_Right Front _Y-axis

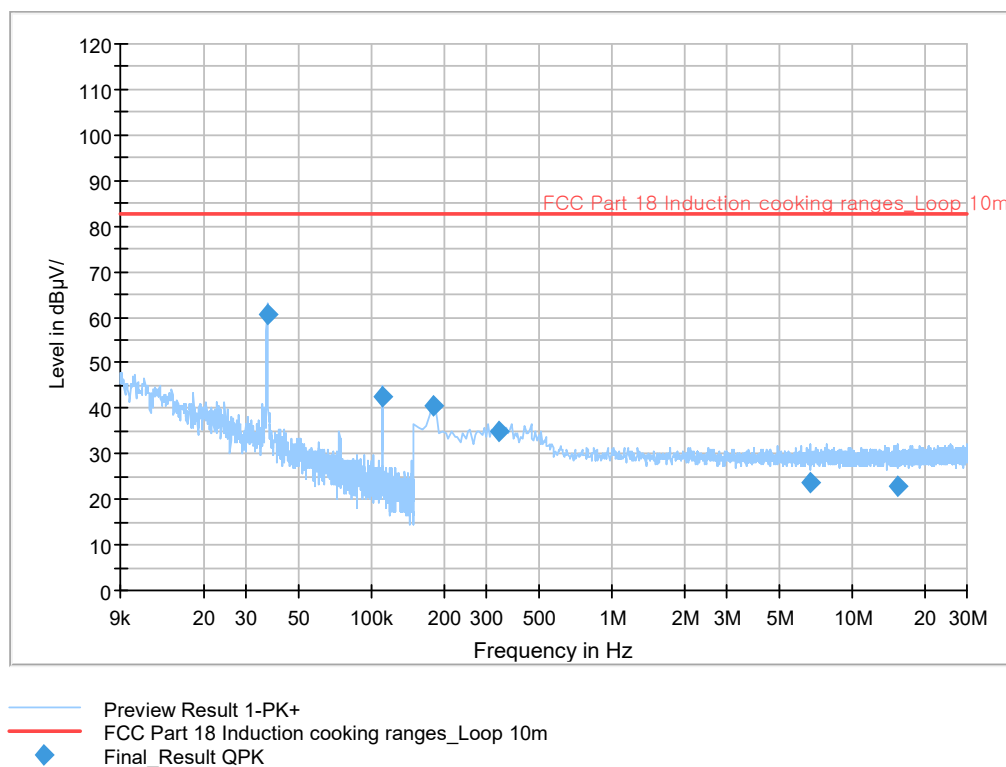
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0364	69.91	82.60	12.69	0.200	66.0	19.8
0.1094	52.27	82.60	30.33	0.200	138.0	19.8
0.1799	47.62	82.60	34.98	9.000	10.0	19.8
0.2515	40.10	82.60	42.50	9.000	10.0	19.8
1.2962	25.78	82.60	56.82	9.000	158.0	20.0
16.4899	22.78	82.60	59.82	9.000	10.0	20.2

[240 V] Induction cooking_ Right Front _Z-axis

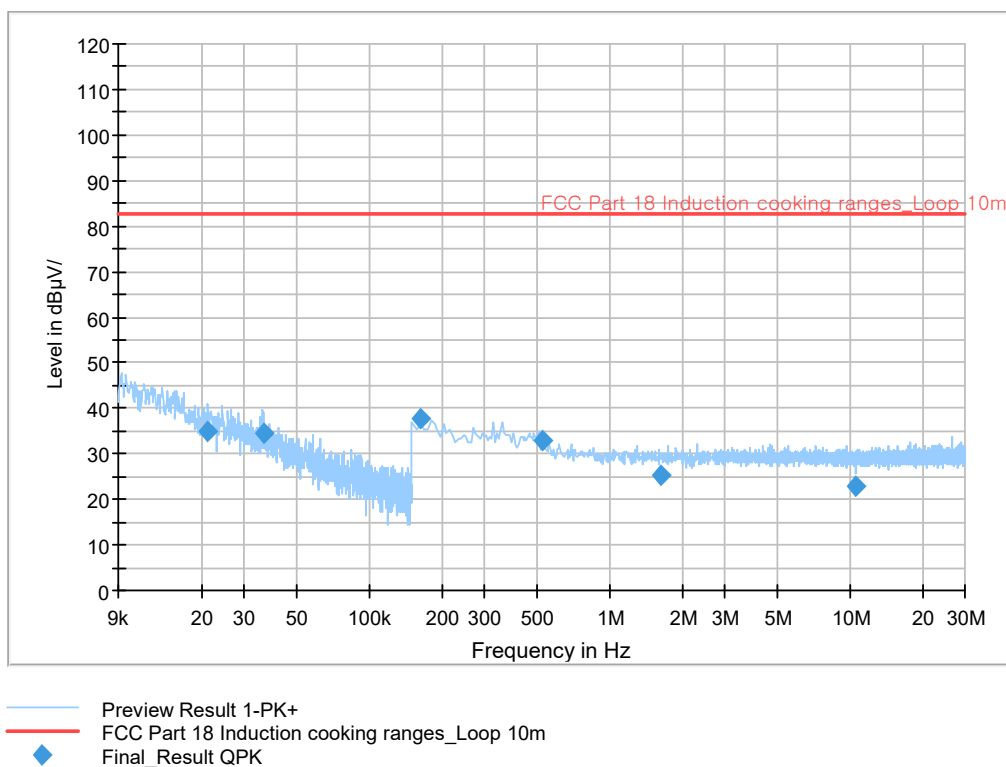
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0367	60.77	82.60	21.83	0.200	63.0	19.8
0.1104	42.52	82.60	40.08	0.200	279.0	19.8
0.1799	40.38	82.60	42.23	9.000	292.0	19.8
0.3410	34.96	82.60	47.64	9.000	292.0	19.8
6.6692	23.69	82.60	58.91	9.000	292.0	20.1
15.3496	22.80	82.60	59.80	9.000	12.0	20.2

[240 V] Induction cooking_ Warm Zone _X-axis

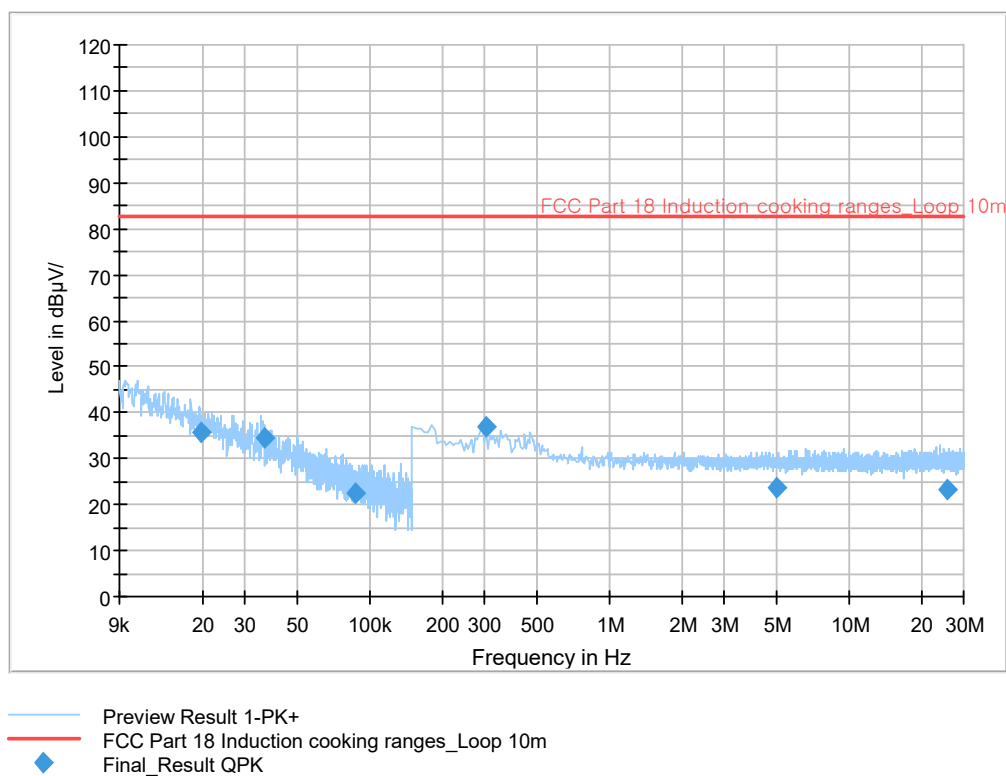
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0212	34.89	82.60	47.71	0.200	0.0	19.8
0.0361	34.68	82.60	47.92	0.200	131.0	19.8
0.1619	37.79	82.60	44.81	9.000	159.0	19.8
0.5201	32.83	82.60	49.77	9.000	293.0	19.8
1.6425	25.14	82.60	57.46	9.000	159.0	20.0
10.4841	22.84	82.60	59.76	9.000	293.0	20.1

[240 V] Induction cooking_ Warm Zone _Y-axis

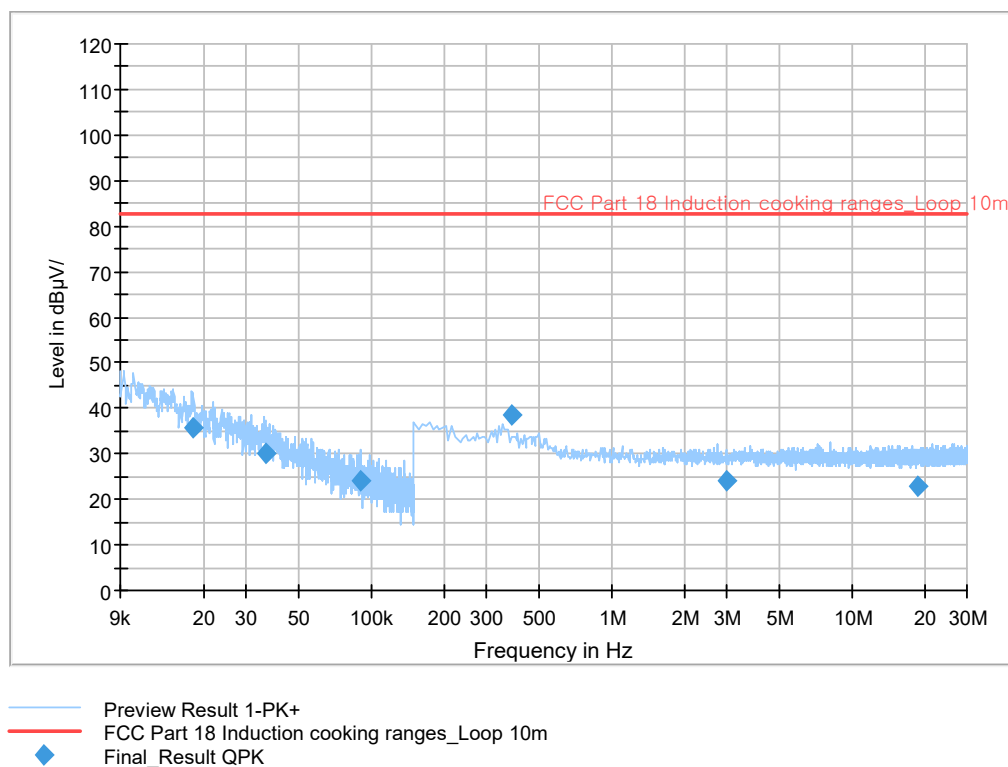
Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.019738	35.54	82.60	47.06	0.200	0.0	19.8
0.036061	34.40	82.60	48.20	0.200	0.0	19.8
0.086442	22.42	82.60	60.18	0.200	0.0	19.8
0.305220	36.86	82.60	45.74	9.000	347.0	19.8
5.009580	23.57	82.60	59.03	9.000	200.0	20.1
25.707570	23.26	82.60	59.34	9.000	200.0	20.4

[240 V] Induction cooking_ Warm Zone _Z-axis

Full Spectrum



Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB)
0.0182	35.91	82.60	46.69	0.200	0.0	19.8
0.0366	30.02	82.60	52.58	0.200	0.0	19.8
0.0896	24.24	82.60	58.36	0.200	0.0	19.8
0.3828	38.64	82.60	43.96	9.000	68.0	19.8
2.9738	24.10	82.60	58.50	9.000	68.0	20.0
18.6570	22.87	82.60	59.73	9.000	68.0	20.2

7.3 Radiated Emission up to 1 GHz

7.3.1 Operating Condition

The test results of radiated emission provide the following information:

Date of Test (yy.mm.dd)	2026.02.08 ~ 2026.02.09		
Temperature	min. 19.1 °C	Relative Humidity	min. 33.2 %
	max. 23.6 °C		max. 43.5 %
Test Site	10 m Semi Anechoic Chamber #1		
Used Test Standard	FCC 47 CFR Ch. I PART 18 ANSI C63.4-2014		
Frequency Range	30 MHz to 1 000 MHz		
Bandwidth	RBW: 120 kHz (6 dB), VBW: 300 kHz		
Detector Type	Quasi-Peak		
Measurement Distance	3 m		
Antenna Height	1 m to 4 m		
Antenna Polarity	Horizontal, Vertical		
Operating Mode	[208 V] Induction cooking_Center Rear [208 V] Induction cooking_Left Front [208 V] Induction cooking_Left Rear [208 V] Induction cooking_Right Front [208 V] Induction cooking_Warm Zone [240 V] Oven+Camera+WiFi+BT Idle [240 V] Induction cooking_Center Rear [240 V] Induction cooking_Left Front [240 V] Induction cooking_Left Rear [240 V] Induction cooking_Right Front [240 V] Induction cooking_Warm Zone		
Test Result	PASS		

A field strength is calculated by the following equation.;

$$A = B + C$$

Where

A: Field strength (Quasi Peak) in dB μ V/m

B: Meter reading in dB μ V/m

C: Corr. in dB (Cable loss + Antenna factor)

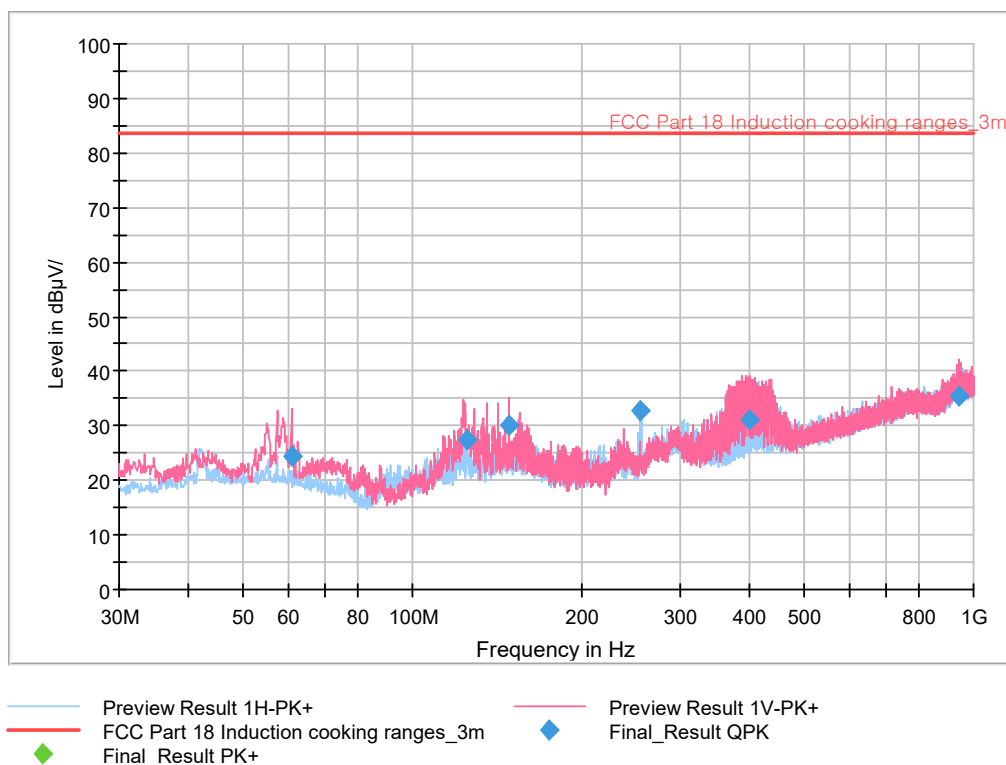
Margin in dB: Limit - A

The measurements' polarities are H and V, where H means horizontal and V means vertical.

7.3.2 Measurement Data

[208V] Induction_Center Rear

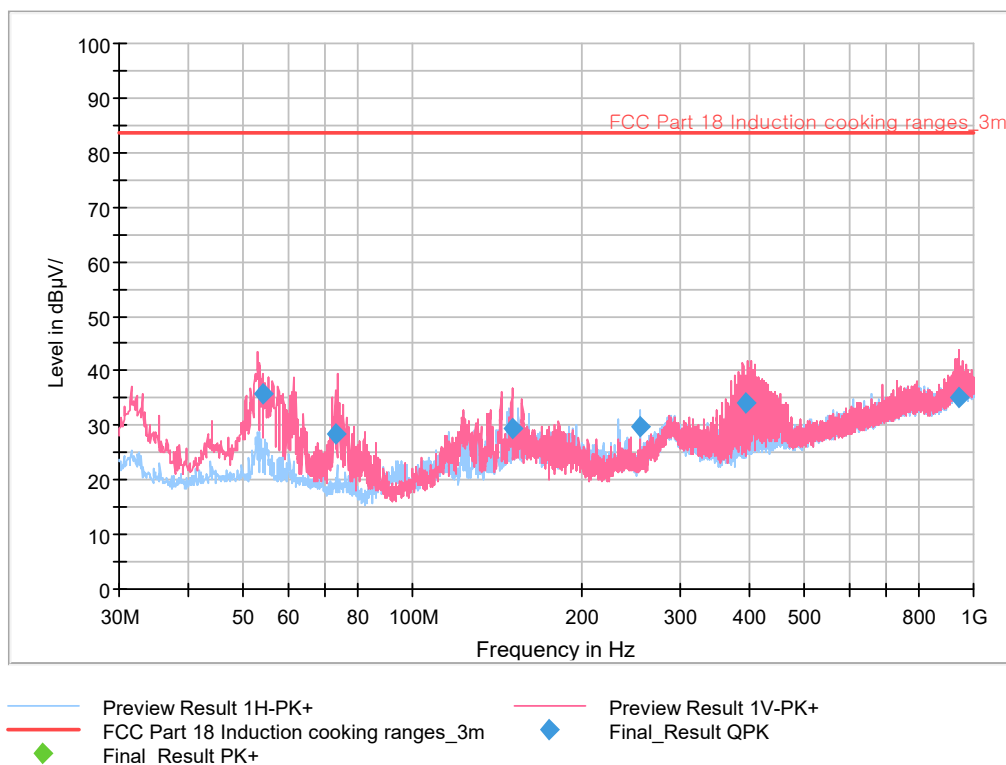
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
61.0400	24.51	192.4	V	239.0	20.1	58.99	83.50
124.7924	27.50	100.0	V	273.0	18.9	56.00	83.50
148.3874	29.98	300.8	H	234.0	21.3	53.52	83.50
255.0572	32.82	100.1	H	203.0	20.5	50.68	83.50
399.6200	31.05	100.0	V	178.0	25.0	52.45	83.50
941.4716	35.46	192.4	V	125.0	34.9	48.04	83.50

[208V] Induction_Left Front

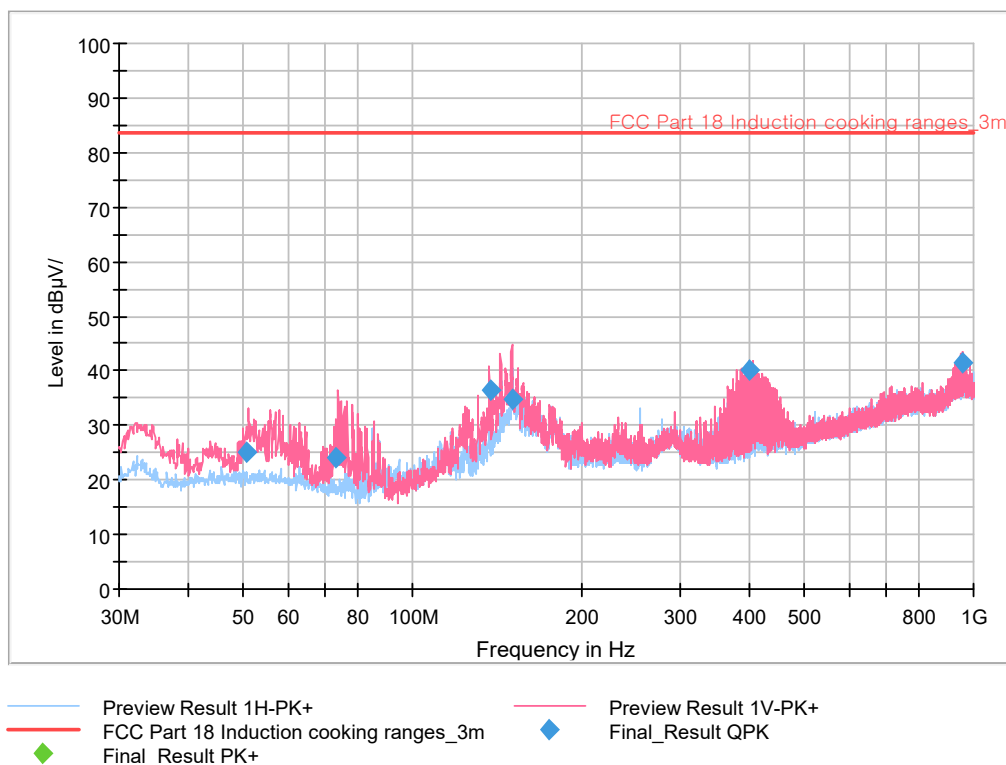
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
54.1762	35.91	100.0	V	214.0	20.7	47.59	83.50
72.9424	28.48	100.0	V	92.0	18.2	55.02	83.50
150.5742	29.44	100.0	V	163.0	21.3	54.06	83.50
254.6194	29.76	100.1	H	221.0	20.5	53.74	83.50
393.9808	34.25	100.0	V	204.0	24.8	49.25	83.50
940.4780	35.06	192.3	V	210.0	35.0	48.44	83.50

[208V] Induction_Left Rear

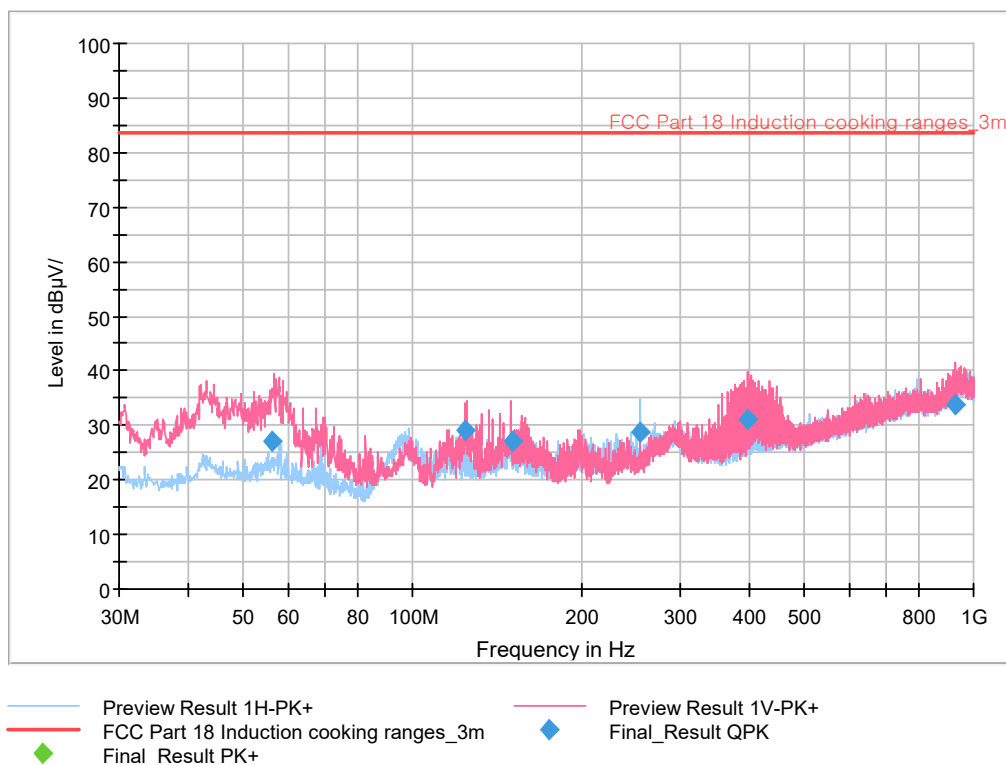
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
50.6344	25.10	100.0	V	86.0	20.8	58.40	83.50
72.8812	24.23	100.0	V	135.0	18.2	59.27	83.50
138.2790	36.38	100.0	V	350.0	20.7	47.12	83.50
151.0570	34.71	100.0	V	115.0	21.3	48.79	83.50
398.5130	40.09	100.0	V	176.0	25.0	43.41	83.50
956.1596	41.47	192.4	V	138.0	34.9	42.03	83.50

[208V] Induction_Right Front

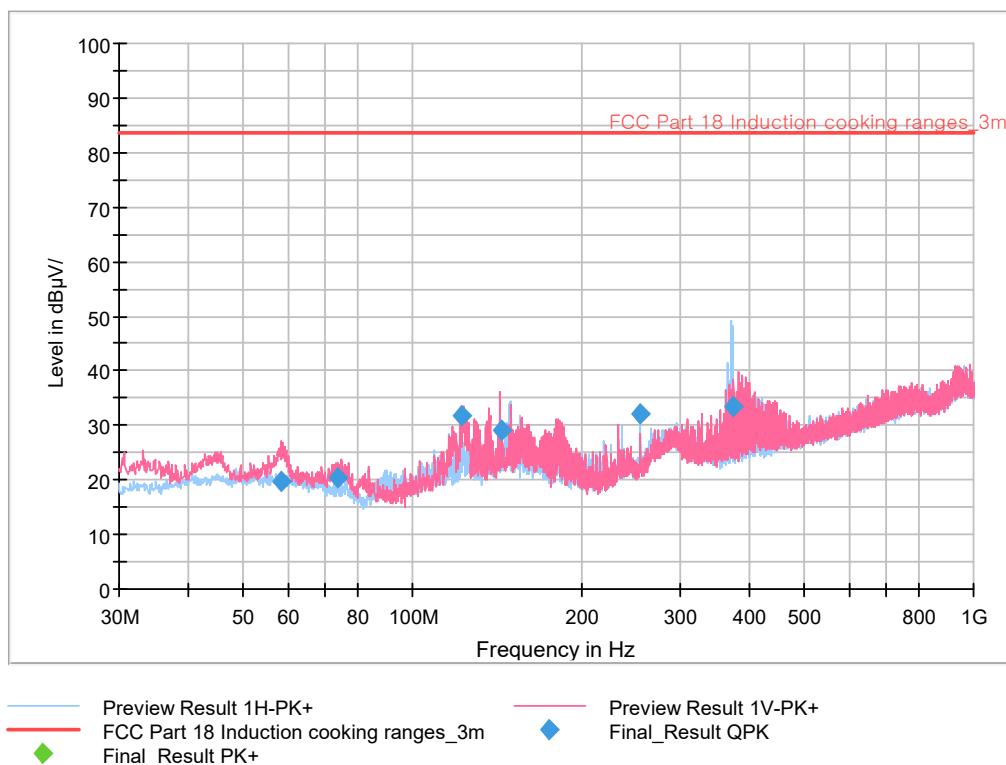
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
56.3748	27.07	100.0	V	206.0	20.6	56.43	83.50
124.0684	29.04	100.0	V	264.0	18.8	54.46	83.50
150.5480	26.96	100.0	V	302.0	21.3	56.54	83.50
255.3506	28.71	100.0	H	316.0	20.5	54.79	83.50
395.8702	31.12	100.0	V	118.0	24.9	52.38	83.50
930.2140	33.66	302.1	V	80.0	34.6	49.84	83.50

[208V] Induction_Warm zone

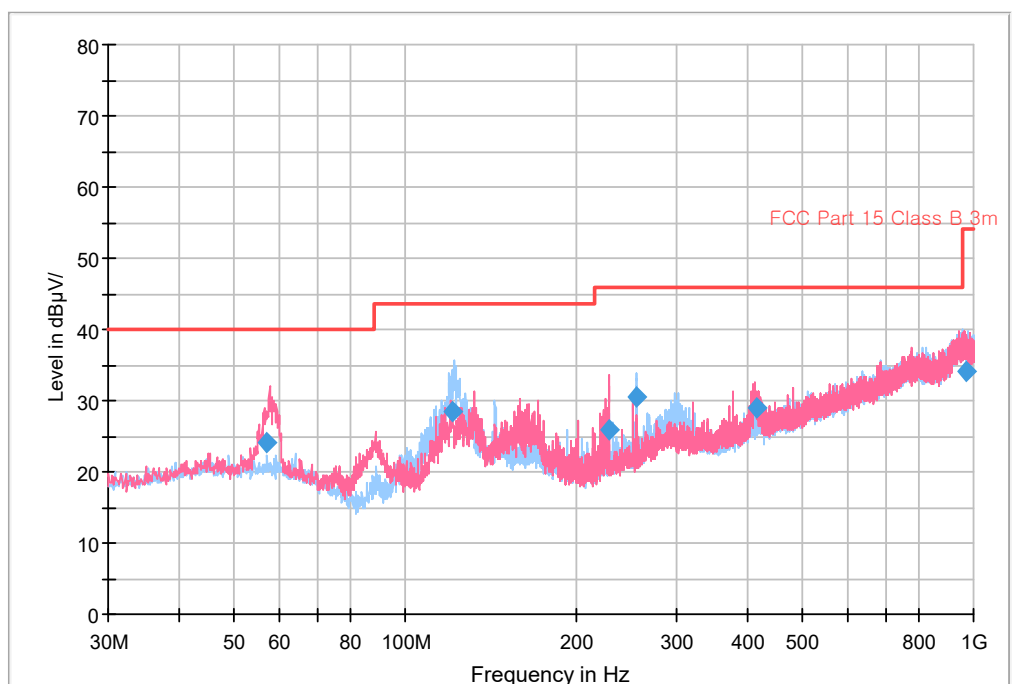
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
58.3038	19.62	192.3	V	229.0	20.4	63.88	83.50
73.6206	20.33	107.5	V	202.0	18.0	63.17	83.50
122.5642	31.70	192.4	H	256.0	18.6	51.80	83.50
143.8560	28.94	100.0	V	327.0	21.2	54.56	83.50
255.2800	32.12	100.0	H	202.0	20.5	51.38	83.50
374.0696	33.58	202.0	H	135.0	24.3	49.92	83.50

[240V] OVEN+CAMERA+WIFI+BT Idle

Full Spectrum

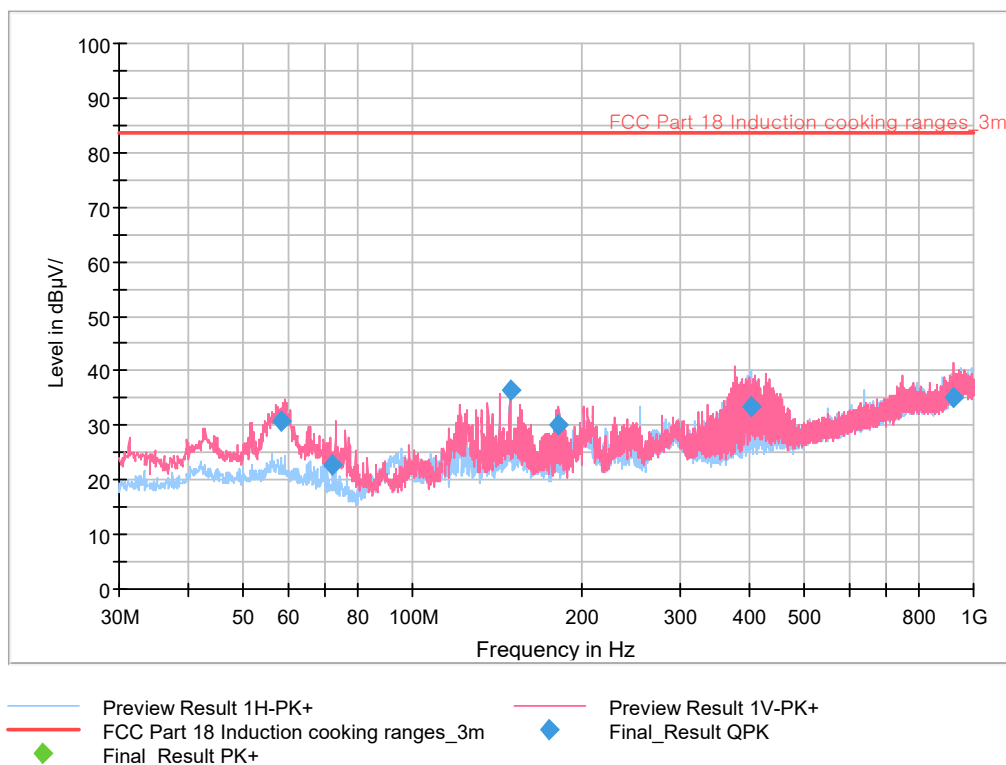


◆ Preview Result 1H-PK+ Final_Result QPK
 ◆ Preview Result 1V-PK+ Final_Result PK+
 — FCC Part 15 Class B 3m

Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBµV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBµV/m]
56.9594	24.22	100.0	V	237.0	20.5	15.78	40.00
121.2742	28.58	174.9	H	245.0	18.4	14.92	43.50
227.9624	25.97	125.0	V	145.0	19.0	20.03	46.00
254.7248	30.54	100.0	H	208.0	20.5	15.46	46.00
413.9184	29.07	100.0	V	17.0	25.5	16.93	46.00
968.5368	34.01	374.7	H	273.0	35.2	19.99	54.00

[240V] Induction_Center Rear

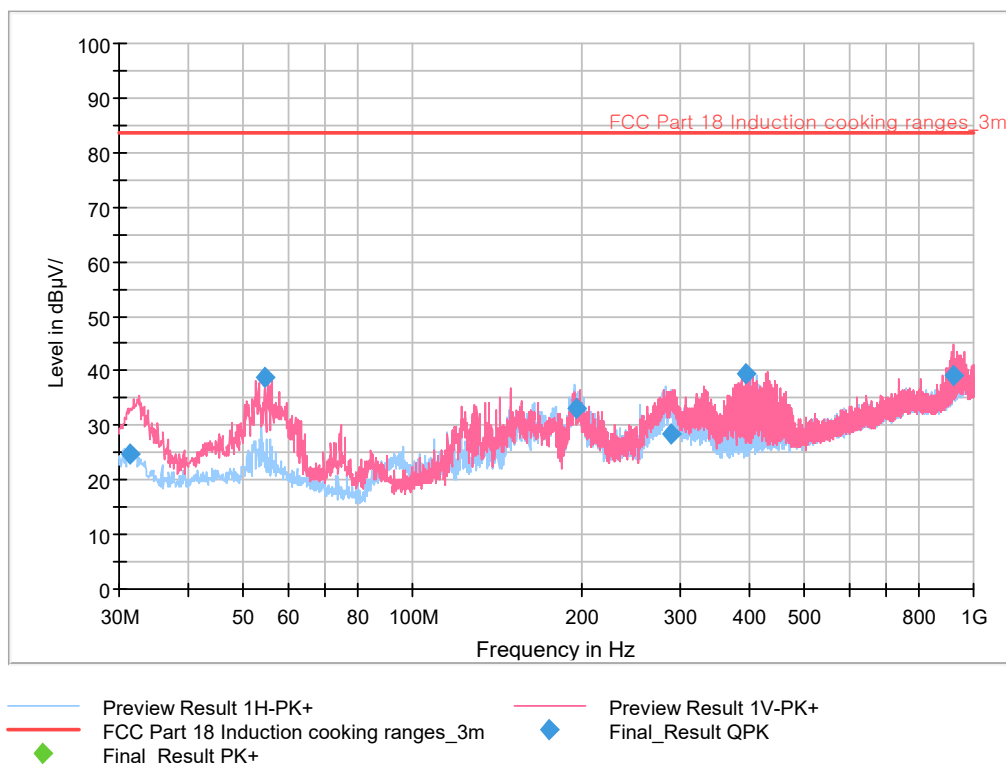
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
58.4452	30.67	100.0	V	199.0	20.4	52.83	83.50
71.9758	22.61	100.0	V	9.0	18.5	60.89	83.50
149.2208	36.29	104.5	V	326.0	21.4	47.21	83.50
181.9708	30.20	100.0	V	4.0	19.4	53.30	83.50
400.8208	33.42	289.9	H	73.0	25.0	50.08	83.50
918.3748	34.99	108.1	V	234.0	34.6	48.51	83.50

[240V] Induction_Left Front

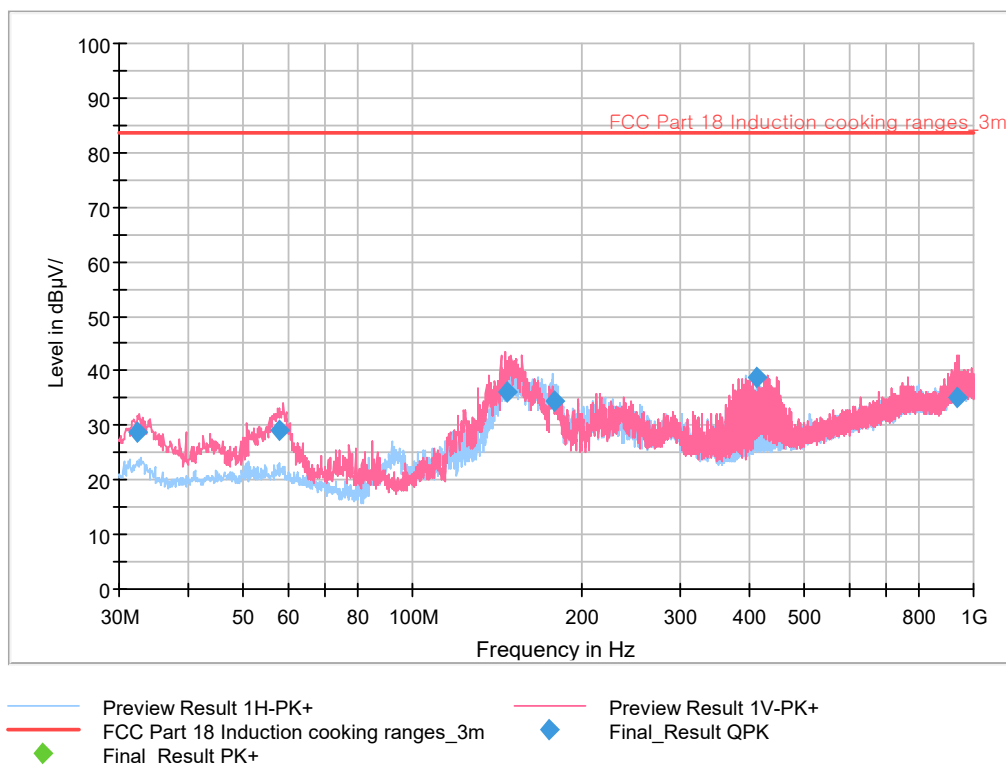
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
31.3056	24.88	200.0	V	310.0	18.9	58.62	83.50
54.6752	38.68	100.0	V	158.0	20.6	44.82	83.50
196.3948	32.95	189.9	H	240.0	18.4	50.55	83.50
289.0180	28.41	189.9	V	279.0	21.9	55.09	83.50
391.7392	39.62	100.0	V	208.0	24.7	43.88	83.50
921.8348	39.22	189.8	V	208.0	34.6	44.28	83.50

[240V] Induction_Left Rear

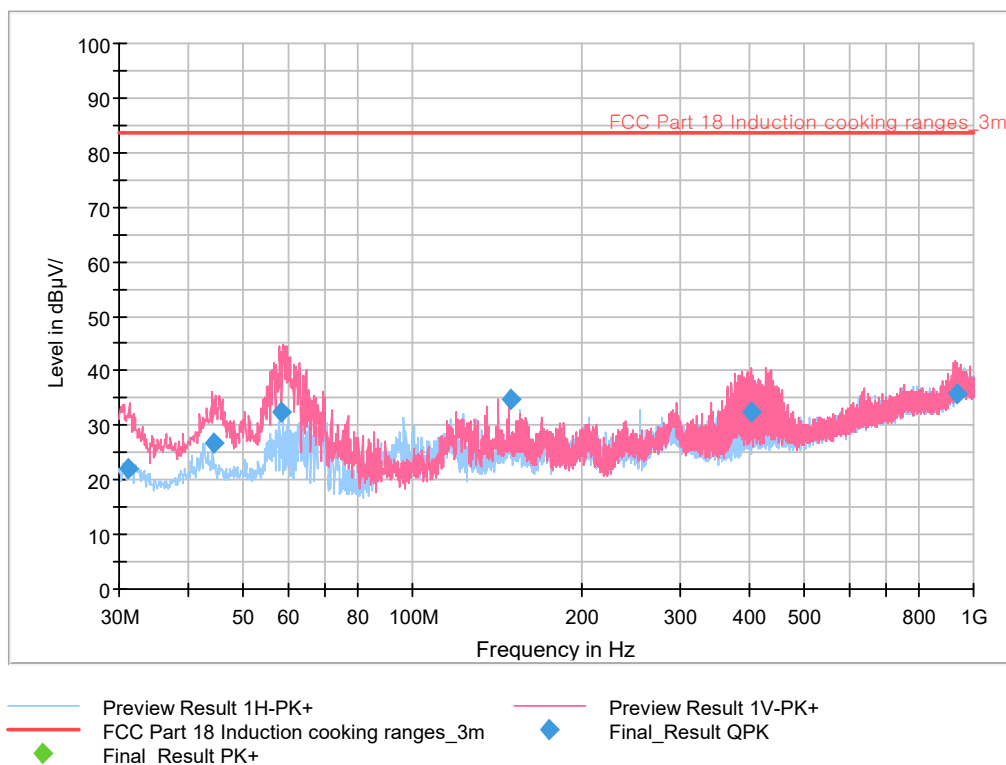
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
32.3848	28.69	100.0	V	135.0	19.0	54.81	83.50
58.0364	29.00	100.0	V	223.0	20.4	54.50	83.50
147.7798	36.23	100.0	V	104.0	21.3	47.27	83.50
178.6812	34.38	194.2	H	0.0	19.8	49.12	83.50
411.4972	38.68	100.0	V	202.0	25.4	44.82	83.50
938.3118	35.14	107.6	V	233.0	34.9	48.36	83.50

[240V] Induction_Right Front

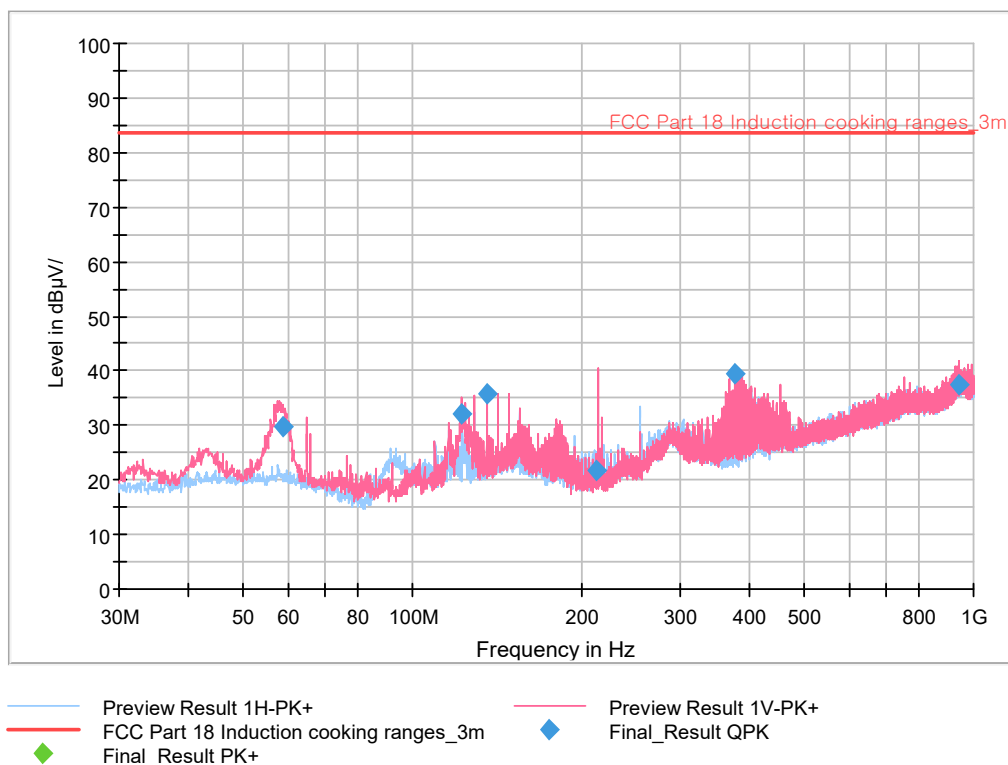
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
31.2054	22.20	100.0	V	270.0	18.9	61.30	83.50
44.2904	26.75	100.0	V	270.0	20.7	56.75	83.50
58.5364	32.36	100.0	V	202.0	20.4	51.14	83.50
149.1548	34.62	100.0	V	133.0	21.4	48.88	83.50
402.5972	32.30	100.0	V	202.0	25.1	51.20	83.50
934.6174	35.89	189.7	V	216.0	34.8	47.61	83.50

[240V] Induction_Warm zone

Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
58.9706	29.89	100.0	V	209.0	20.3	53.61	83.50
122.7388	32.13	202.3	H	229.0	18.7	51.37	83.50
135.7104	35.76	100.0	V	0.0	20.4	47.74	83.50
212.9338	21.81	107.5	V	349.0	17.9	61.69	83.50
374.9004	39.32	107.5	V	114.0	24.3	44.18	83.50
940.2908	37.42	100.0	V	3.0	35.0	46.08	83.50

7.4 Radiated Emission above 1 GHz (Not Applicable)

7.4.1 Operating Condition

The test results of radiated emission provide the following information:

Date of Test (yy.mm.dd)	---		
Temperature	min.	°C	Relative Humidity
	max.	°C	
			min. %
			max. %
Test Site	10 m Semi Anechoic Chamber #1		
Used Test Standard	ANSI C63.4-2014		
Detector / Bandwidth	Peak, CISPR-Average / RBW: 1 MHz, VBW: 3 MHz		
Highest Frequency	---		
Tested Frequency Range	---		
Measurement Distance	3 m		
Antenna Height	1 m to 4 m		
Antenna Polarity	Horizontal, Vertical		
Operating Mode	----		
Test Result	----		

A field strength is calculated by the following equation:

$$A = B + C$$

Where

A: Field strength (Peak or CAverage) in dBμV/m

B: Meter reading in dBμV/m

C: Corr. in dB (Cable loss + Antenna factor - Amplifier gain)

Margin in dB: Limit - A

The measurements' polarities are H and V, where H means horizontal and V means vertical.

7.4.2 Measurement Data

Not applicable

APPENDIX A. TEST SETUP PHOTO**APPENDIX.B INTERNAL PHOTO OF EUT****APPENDIX.C EXTERNAL PHOTO OF EUT**

Please refer to Appendix file no. as follows;

File No.	Date of Issue	Description
HCT-EM-2602-FC005-P	February 27, 2026	Initial Release

End of report