FCC 47 CFR PART 18

TEST REPORT

Test Report No.	**: OT-239-RED-085**
Reception No.	**: 2309003016**
Applicant	**: LG Electronics USA, Inc.**
Address	**: 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey, 07632, United States**
Manufacturer	**: LG Electronics USA, Inc.**
Address	**: 170, Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51533 Korea**
Type of Equipment	**: HOUSEHOLD ELECTRIC RANGE**
Model Name	**: LSIL6334FE**
Multiple Model Name	**: LSIL6334*E**
FCC ID.	**: BEJS47113HA**
Serial number	**: N/A**
Total page of Report	**: 70 pages (including this page)**
Date of Incoming	**: September 21, 2023**
Test Period	**: September 21, 2023 ~ September 26, 2023**
Date of Issuing	**: September 27, 2023**

SUMMARY

The equipment complies with the requirement of ***FCC CFR 47 PART 18.***

This test report contains only the results of a single test of the sample supplied for the examination.

It is not a general valid assessment of the features of the respective products of the mass-production.

This report is not correlated with the "KS Q ISO/IEC 17025 and KOLAS accreditation" of Korean Laboratory Accreditation Scheme.

Reviewed by:

Sang-Hyun, Jeong / Sr. Engineer
EMC Testing Div.
ONETECH Corp.

Approved by:

Seung-Hyun, Park / Sr. Engineer
EMC Testing Div.
ONETECH Corp.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

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APPENDIX A – TEST SET-UP PHOTOGRAPHS

APPENDIX B – PHOTOGRAPHS OF EUT

APPENDIX C – INTERNAL PHOTOGRAPHS

APPENDIX D – DECLARATION OF CONFORMITY

APPENDIX E – LABELLING REQUIREMENTS / INFORMATION TO THE USER IN USER'S MANUAL

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Revision History

Rev. No.	Issued Report No.	Issued Date	Revisions	Section Affected
0	OT-239-RED-085	September 27, 2023	Initial Issue	All

* Please contact us (e-mail: info@onetech.co.kr) for verification of this test report.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

1. VERIFICATION OF COMPLIANCE

APPLICANT	LG Electronics USA, Inc. 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey, 07632, United States
MANUFACTURER	LG Electronics USA, Inc. 170, Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51533 Korea
FACTORY	LG Electronics USA, Inc. 170, Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51533 Korea

E.U.T. DESCRIPTION	HOUSEHOLD ELECTRIC RANGE
MEASUREMENT PROCEDURES	MP-5: 1986
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
STANDARDS	FCC Part 18, Section 18.311
MODIFICATIONS ON THE EQUIPMENT TO ACHIEVE COMPLIANCE	None
FINAL TEST WAS CONDUCTED ON	10 m semi anechoic chamber

ONETECH Corp. tested the above equipment in accordance with the requirements set forth in the above standard. The test results show that equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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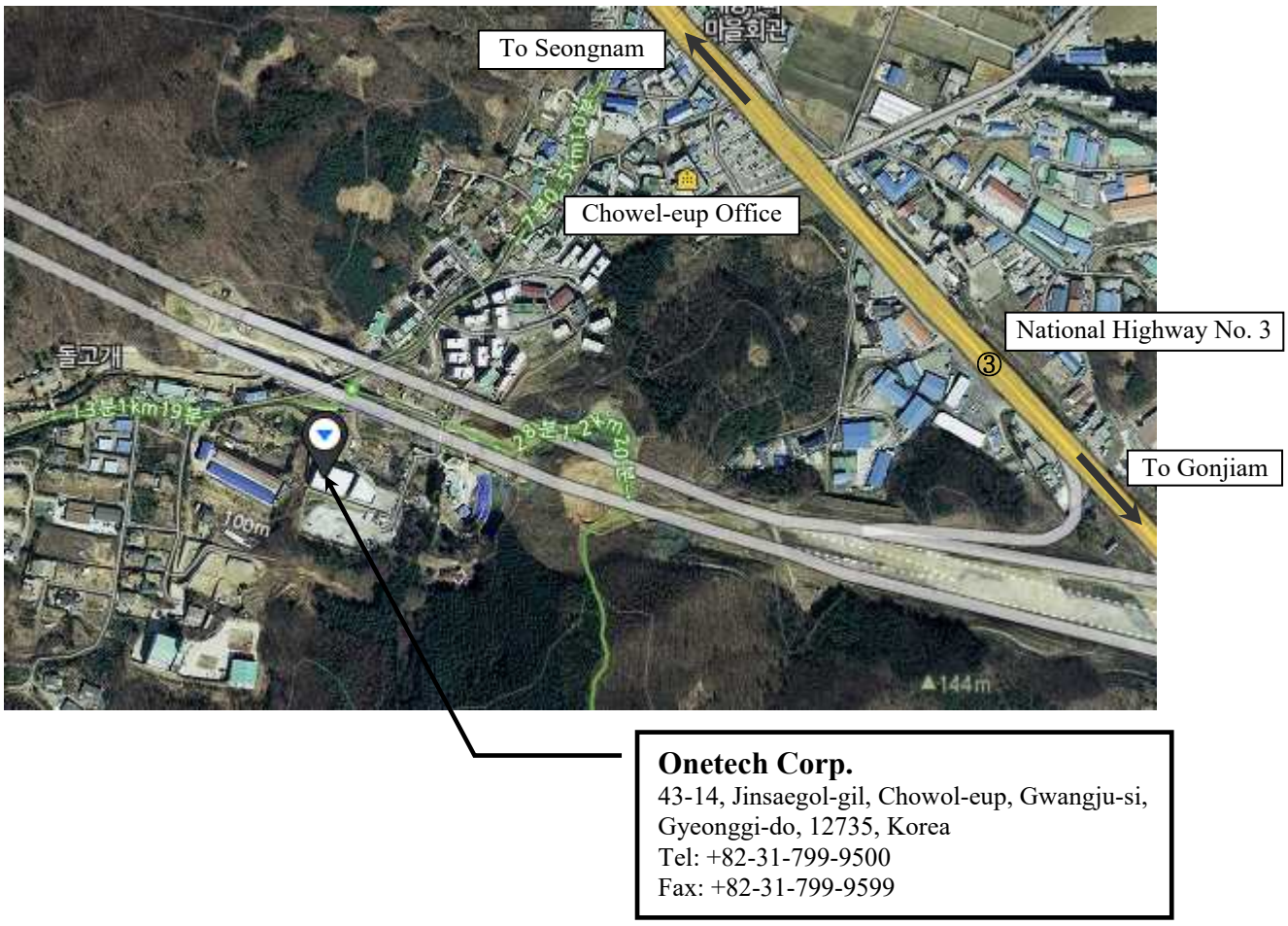
2. TEST FACILITY

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025 by Radio Research Agency as accreditation body. The Onetech Corp. is accredited for measuring devices subject to Declaration of Conformity (DOC) under Parts 15 & 18 as a Conformity Assessment Body (CAB) with designation number KR0013.

These measurement tests were conducted at Onetech Corp.

The 10 m semi anechoic chamber and conducted measurement facilities are located at

1) 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea.
2) 12-5, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea.



Onetech Corp.
43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si,
Gyeonggi-do, 12735, Korea
Tel: +82-31-799-9500
Fax: +82-31-799-9599

3. PRODUCT INFORMATION

3.1 Description of EUT

The LG Electronics USA, Inc., Model LSIL6334FE (referred to as the EUT in this report) is a HOUSEHOLD ELECTRIC RANGE.

Product specification described herein was obtained from product data sheet or user's manual.

CHASSIS TYPE	Metal & Plastic
LIST OF EACH OSC. or CRY. FREQ. (FREQ. >= 1 MHz)	10 MHz
RF OPERATING FREQUENCY	Wi-Fi 2.4 GHz (Wi-Fi Module Model: LCWB-001) * Wi-Fi Module FCC ID : BEJ-LCWB001
NUMBER OF PCB LAYERS	-
P. C. Board name	-
Induction cooking range Operating frequency (ISM frequency band)	26 kHz ~ 75 kHz
ELECTRICAL RATING	120/240 V, 11.4 kW Or 120/208 V, 9.45 kW/ 60 Hz
EXTERNAL CONNECTOR	AC IN

3.2 Model Differences

LSIL6334FE, LSIL6334*E		
Variable	Range of variable	Content
1st '*'	A to Z	Cosmetic features.

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3.3 Support Equipment

The model numbers for all the equipment that were used in the tested system is:

Description	Model	Manufacturer	Connected to
HOUSEHOLD ELECTRIC RANGE (EUT)	LSIL6334FE	LG Electronics USA, Inc.	-

3.4 System Configuration

DEVICE TYPE	MODEL/PART NUMBER	MANUFACTURER
HOUSEHOLD ELECTRIC RANGE	LSIL6334FE	LG Electronics USA, Inc.

3.5 System Configuration

Ports Name	Shielded	Ferrite Bead	Metal Shell	Length (m)	Connected to
AC IN	N	N	N	1.5	LISN

3.6 Equipment Modifications

-. None

3.7 Information of Measurement Software

	Chamber name	Software name	Software version
☐ -	Conducted Emission #1	Noise Terminal Voltage Measurement	2.00.0180
☐ -	Conducted Emission #2	EMC32	10.60.10
■ -	Conducted Emission #3	Noise Terminal Voltage Measurement	2.00.0178
☐ -	Radiated Emission 10 m SAC 1	Radiated Emission Measurement	2.00.0201
■ -	Radiated Emission 10 m SAC 2	Radiated Emission Measurement	2.00.0202
☐ -	Radiated Emission 3 m SAC	Radiated Emission Measurement	2.00.0202

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4. DESCRIPTION OF TESTS

4.1 Test Methodology

Both conducted and radiated testing was performed according to the procedures in MP-5: 1986.

Radiated testing was performed at a distance of 10 m from EUT to the antenna.

4.2 Test Condition

The test conditions of the noted test mode(s) in this test report are;

-. Test Voltage / Frequency:

1) AC 208/240 V / 60 Hz

Test Mode		Operating States
1	Cook mode	After AC power was applied to the EUT, the test was performed by observing the cook mode operation status through the EUT.

4.3 Conducted Emission

The EUT was placed on non-conductive support 0.1 m above a reference ground plane (RGP) and were put into operation according to the specified operating mode.

The power of EUT is fed through a 50 Ω/ 50 μH + 5 Ω LISN and all support equipment is powered from another LISN. Powers to the LISN are filtered by high-current high insertion loss power line filter.

Sufficient time for EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition.

The RF output of the LISN was connected to the EMI test receiver.

Exploratory measurements were conducted to identify the highest emission by operating the EUT in a range of typical modes of operation, cable positions, system configuration and arrangement.

Based on exploratory measurements, the final measurements were conducted at the worst test conditions.

Exploratory measurements were scanned using Peak mode of EMI Test receiver from 9 kHz to 30 MHz with 20 ms sweep time. The final measurements were measured with Quasi-Peak and CISPR Average mode.

4.4 Radiated Emission

Exploratory Radiated measurements were conducted at the 10 m semi anechoic chamber in order to identify the highest emission by operating the EUT in a range of typical modes of operation, cable positions, system configuration and arrangement.

Based on exploratory measurements, the final measurements were conducted at the worst test conditions.

Final measurements were made at 10 m semi anechoic chamber that complies with CISPR 16/MP-5.

Exploratory measurements were scanned using Peak mode of EMI Test receiver and final measurements were measured with Quasi-Peak mode .

The system was rotated 360°, and the antenna was varied in height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

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5. FINAL RESULT OF MEASUREMENT

Exploratory measurement was done in normal operation mode. And the final measurement was selected for the maximized emission level.

5.1 Conducted Emission Test

5.1.1 Operating Environment

Temperature : 22.4 °C

Relative humidity : 53.4 % R.H.

5.1.2 Test Setup

The EUT and all local support equipment were placed on non-conductive support 0.1 m above a reference ground plane . The power of EUT was fed through a 50 Ω/ 50 μH + 5 Ω LISN. The ground plane was electrically bonded to the reference ground system and all power lines were filtered from ambient.

5.1.3 Measurement uncertainty

Conducted emission, quasi-peak detection : 2.1 dB

Conducted emission, CISPR-average detection : 2.1 dB

Measurement uncertainty is calculated in accordance with CISPR 16-4-2. The measurement uncertainty is given with a confidence of 95 % with the coverage factor, $k = 2$.

5.1.4 Limit

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	CISPR 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		

5.1.5 Test Equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
■ -	ESCI	Rohde & Schwarz	Test Receiver	101420	Mar. 06, 2023 (1Y)
■ -	NNLK8129	Schwarzbeck	LISN	436	Oct. 14, 2022 (1Y)
□	3825/2	EMCO	AMN	9109-1867	Mar. 07, 2023 (1Y)
■ -	11947A	Hewlett Packard	Transient Limiter	3107A02762	Mar. 07, 2023 (1Y)

All test equipment used is calibrated on a regular basis.

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5.1.6 Test Data

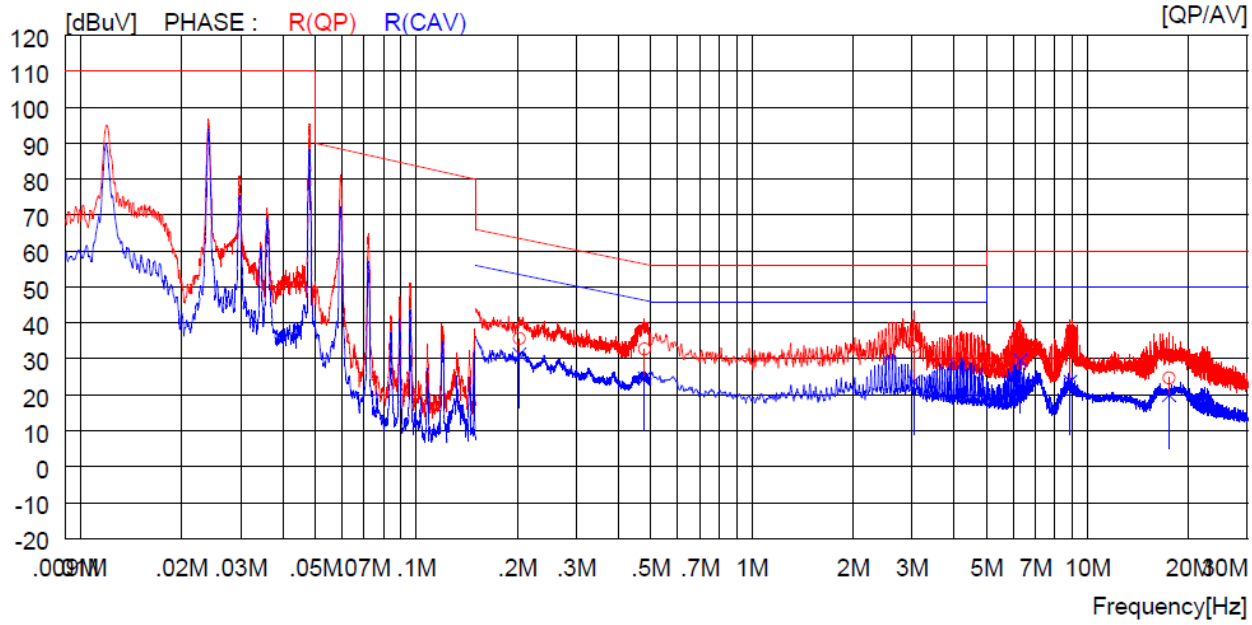
5.1.6.1 Operating Condition: AC 208 / 60 Hz

-. Test Result : Pass

박 병 관

Tested by: Byeong-Kwan, Park/ Sr. Engineer

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.20300	25.3	----	10.4	35.7	----	63.5	----	27.8	----	R(QP)
2	0.47800	22.6	----	10.2	32.8	----	56.4	----	23.6	----	R(QP)
3	3.03800	23.4	----	10.2	33.6	----	56.0	----	22.4	----	R(QP)
4	6.30500	25.6	----	10.2	35.8	----	60.0	----	24.2	----	R(QP)
5	8.87000	24.7	----	10.3	35.0	----	60.0	----	25.0	----	R(QP)
6	17.47000	14.1	----	10.6	24.7	----	60.0	----	35.3	----	R(QP)
7	0.20300	----	20.9	10.4	----	31.3	----	53.5	----	22.2	R(CAV)
8	0.47800	----	14.5	10.2	----	24.7	----	46.4	----	21.7	R(CAV)
9	3.03800	----	13.5	10.2	----	23.7	----	46.0	----	22.3	R(CAV)
10	6.30500	----	19.4	10.2	----	29.6	----	50.0	----	20.4	R(CAV)
11	8.87000	----	13.4	10.3	----	23.7	----	50.0	----	26.3	R(CAV)
12	17.47000	----	9.3	10.6	----	19.9	----	50.0	----	30.1	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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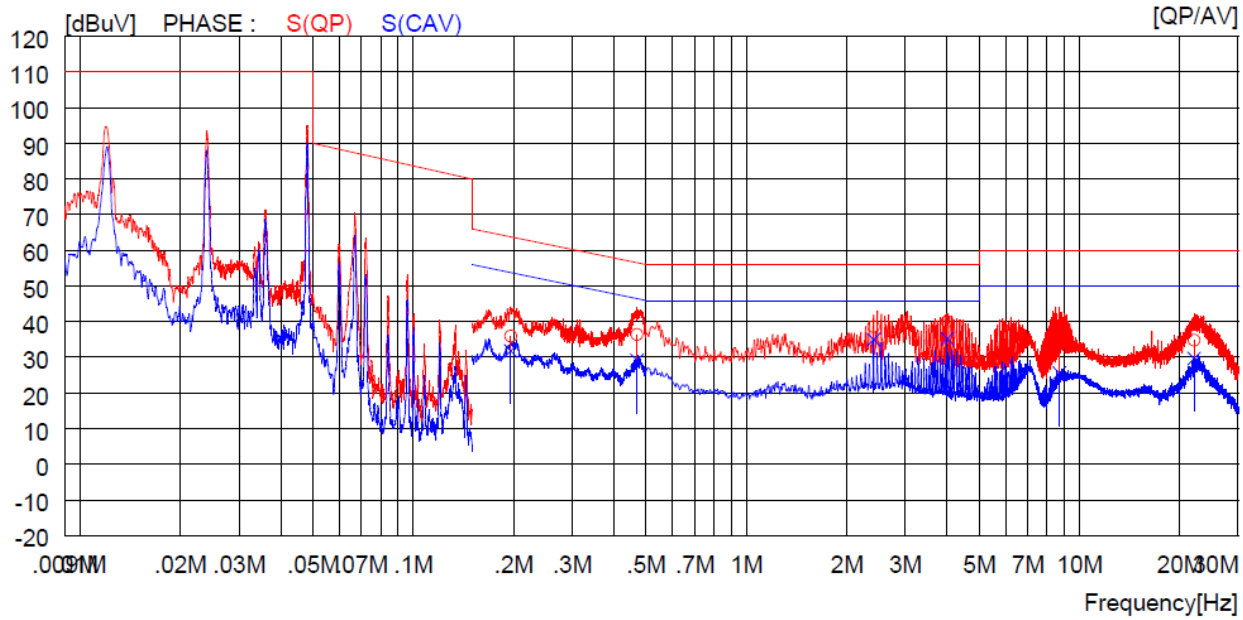
Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19600	25.6	----	10.4	36.0	----	63.8	----	27.8	----	S(QP)
2	0.46900	26.2	----	10.2	36.4	----	56.5	----	20.1	----	S(QP)
3	2.40800	28.4	----	10.2	38.6	----	56.0	----	17.4	----	S(QP)
4	4.01000	29.8	----	10.2	40.0	----	56.0	----	16.0	----	S(QP)
5	8.69500	27.2	----	10.3	37.5	----	60.0	----	22.5	----	S(QP)
6	22.09000	24.1	----	10.7	34.8	----	60.0	----	25.2	----	S(QP)
7	0.19600	----	21.4	10.4	----	31.8	----	53.8	----	22.0	S(CAV)
8	0.46900	----	19.0	10.2	----	29.2	----	46.5	----	17.3	S(CAV)
9	2.40800	----	24.8	10.2	----	35.0	----	46.0	----	11.0	S(CAV)
10	4.01000	----	25.1	10.2	----	35.3	----	46.0	----	10.7	S(CAV)
11	8.69500	----	15.3	10.3	----	25.6	----	50.0	----	24.4	S(CAV)
12	22.09000	----	19.0	10.7	----	29.7	----	50.0	----	20.3	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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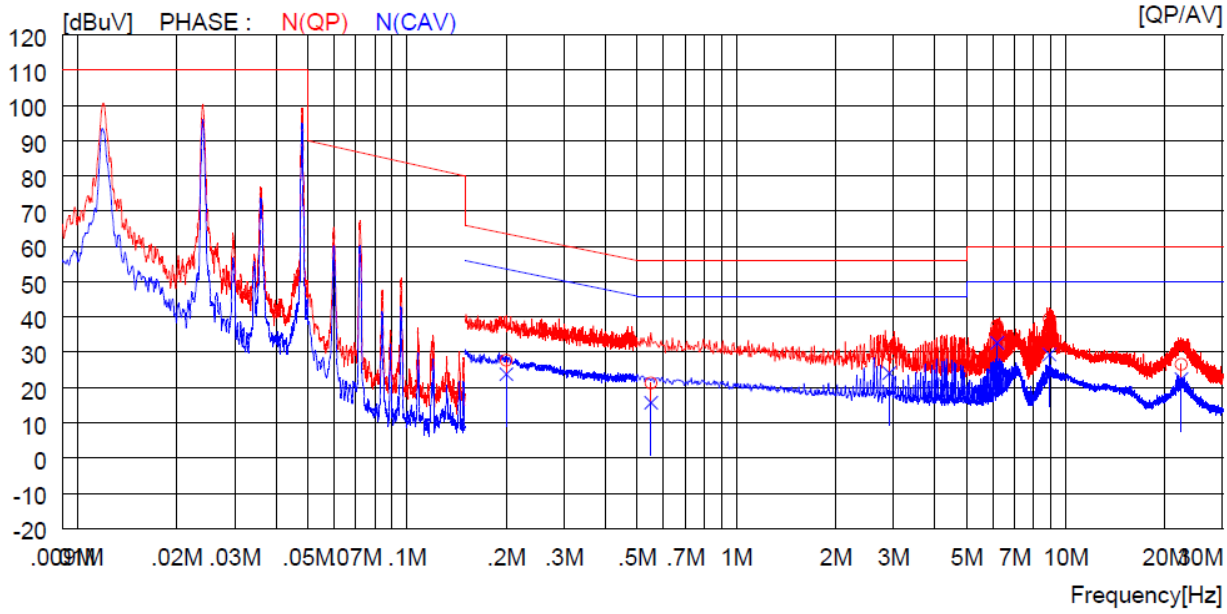
Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



NO	FREQ	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
	[MHz]										
1	0.20000	17.3	----	10.4	27.7	----	63.6	----	35.9	----	N(QP)
2	0.55000	11.0	----	10.3	21.3	----	56.0	----	34.7	----	N(QP)
3	2.91200	19.2	----	10.2	29.4	----	56.0	----	26.6	----	N(QP)
4	6.18500	27.4	----	10.2	37.6	----	60.0	----	22.4	----	N(QP)
5	8.92500	29.2	----	10.3	39.5	----	60.0	----	20.5	----	N(QP)
6	22.42000	15.9	----	10.7	26.6	----	60.0	----	33.4	----	N(QP)
7	0.20000	----	13.4	10.4	----	23.8	----	53.6	----	29.8	N(CAV)
8	0.55000	----	5.4	10.3	----	15.7	----	46.0	----	30.3	N(CAV)
9	2.91200	----	13.9	10.2	----	24.1	----	46.0	----	21.9	N(CAV)
10	6.18500	----	22.5	10.2	----	32.7	----	50.0	----	17.3	N(CAV)
11	8.92500	----	19.1	10.3	----	29.4	----	50.0	----	20.6	N(CAV)
12	22.42000	----	11.7	10.7	----	22.4	----	50.0	----	27.6	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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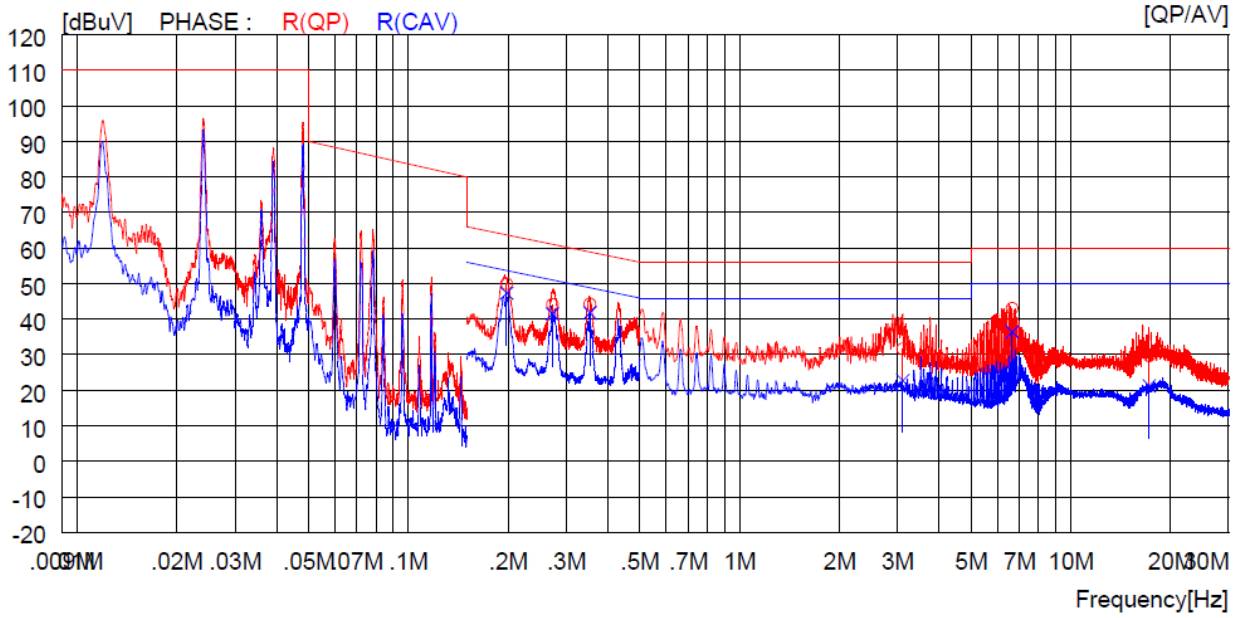
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.19800	39.5	----	10.4	49.9	----	63.7	----	13.8	----	R(QP)
2	0.27200	33.9	----	10.2	44.1	----	61.1	----	17.0	----	R(QP)
3	0.35300	34.1	----	10.2	44.3	----	58.9	----	14.6	----	R(QP)
4	3.11000	21.4	----	10.2	31.6	----	56.0	----	24.4	----	R(QP)
5	6.65500	32.7	----	10.3	43.0	----	60.0	----	17.0	----	R(QP)
6	17.24000	19.1	----	10.6	29.7	----	60.0	----	30.3	----	R(QP)
7	0.19800	----	36.9	10.4	----	47.3	----	53.7	----	6.4	R(CAV)
8	0.27200	----	31.3	10.2	----	41.5	----	51.1	----	9.6	R(CAV)
9	0.35300	----	31.6	10.2	----	41.8	----	48.9	----	7.1	R(CAV)
10	3.11000	----	12.6	10.2	----	22.8	----	46.0	----	23.2	R(CAV)
11	6.65500	----	26.1	10.3	----	36.4	----	50.0	----	13.6	R(CAV)
12	17.24000	----	10.7	10.6	----	21.3	----	50.0	----	28.7	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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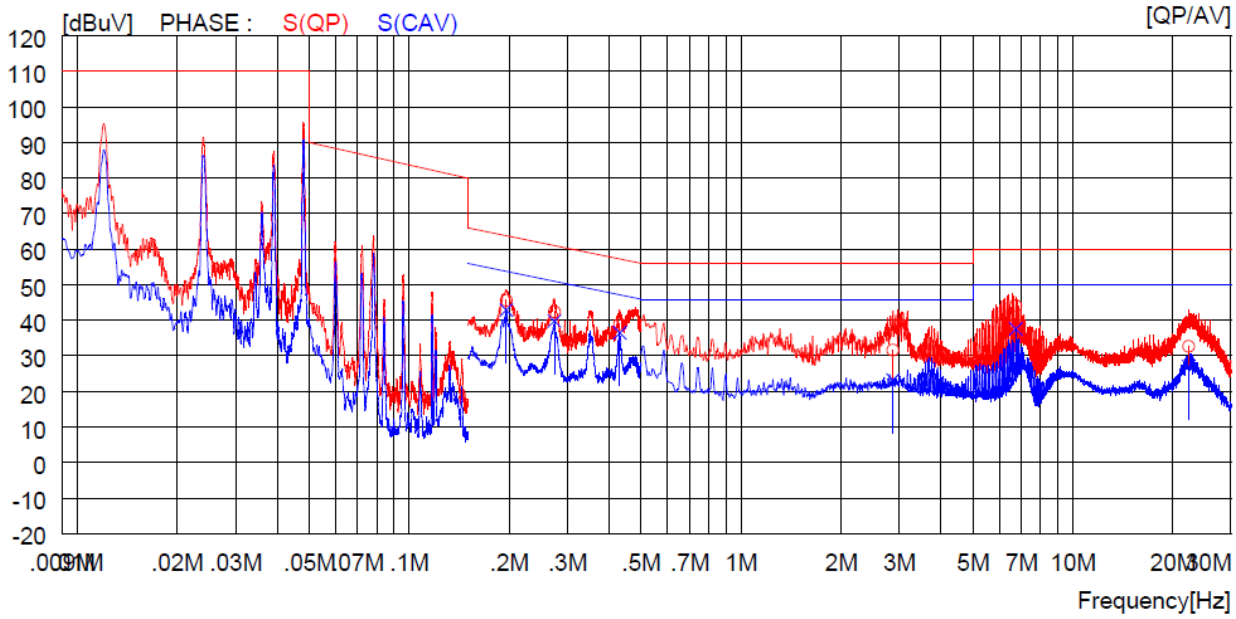
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19600	35.2	----	10.4	45.6	----	63.8	----	18.2	----	S(QP)
2	0.27400	32.2	----	10.2	42.4	----	61.0	----	18.6	----	S(QP)
3	0.43100	28.8	----	10.2	39.0	----	57.2	----	18.2	----	S(QP)
4	2.86700	21.4	----	10.2	31.6	----	56.0	----	24.4	----	S(QP)
5	6.72500	33.8	----	10.3	44.1	----	60.0	----	15.9	----	S(QP)
6	22.33000	22.0	----	10.7	32.7	----	60.0	----	27.3	----	S(QP)
7	0.19600	----	32.5	10.4	----	42.9	----	53.8	----	10.9	S(CAV)
8	0.27400	----	29.6	10.2	----	39.8	----	51.0	----	11.2	S(CAV)
9	0.43100	----	26.3	10.2	----	36.5	----	47.2	----	10.7	S(CAV)
10	2.86700	----	13.0	10.2	----	23.2	----	46.0	----	22.8	S(CAV)
11	6.72500	----	27.3	10.3	----	37.6	----	50.0	----	12.4	S(CAV)
12	22.33000	----	16.4	10.7	----	27.1	----	50.0	----	22.9	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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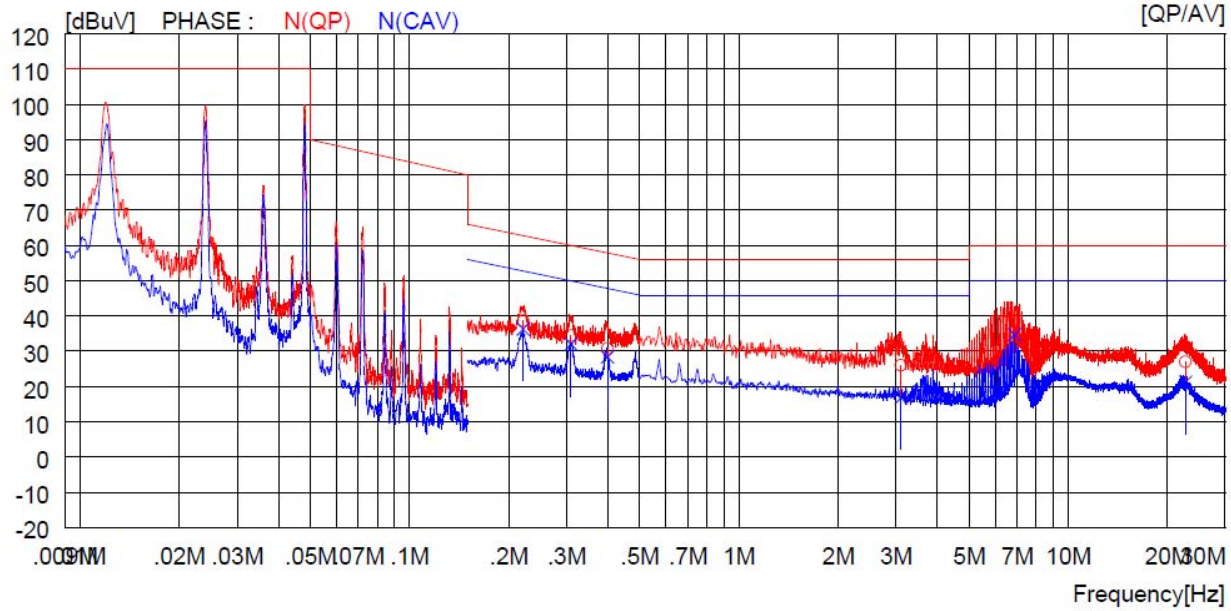
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.22100	28.3	----	10.4	38.7	----	62.8	----	24.1	----	N(QP)
2	0.30900	24.2	----	10.2	34.4	----	60.0	----	25.6	----	N(QP)
3	0.39900	20.6	----	10.2	30.8	----	57.9	----	27.1	----	N(QP)
4	3.10600	15.9	----	10.2	26.1	----	56.0	----	29.9	----	N(QP)
5	6.86500	28.7	----	10.3	39.0	----	60.0	----	21.0	----	N(QP)
6	22.70000	16.3	----	10.7	27.0	----	60.0	----	33.0	----	N(QP)
7	0.22100	----	25.9	10.4	----	36.3	----	52.8	----	16.5	N(CAV)
8	0.30900	----	21.8	10.2	----	32.0	----	50.0	----	18.0	N(CAV)
9	0.39900	----	18.2	10.2	----	28.4	----	47.9	----	19.5	N(CAV)
10	3.10600	----	6.6	10.2	----	16.8	----	46.0	----	29.2	N(CAV)
11	6.86500	----	24.4	10.3	----	34.7	----	50.0	----	15.3	N(CAV)
12	22.70000	----	10.6	10.7	----	21.3	----	50.0	----	28.7	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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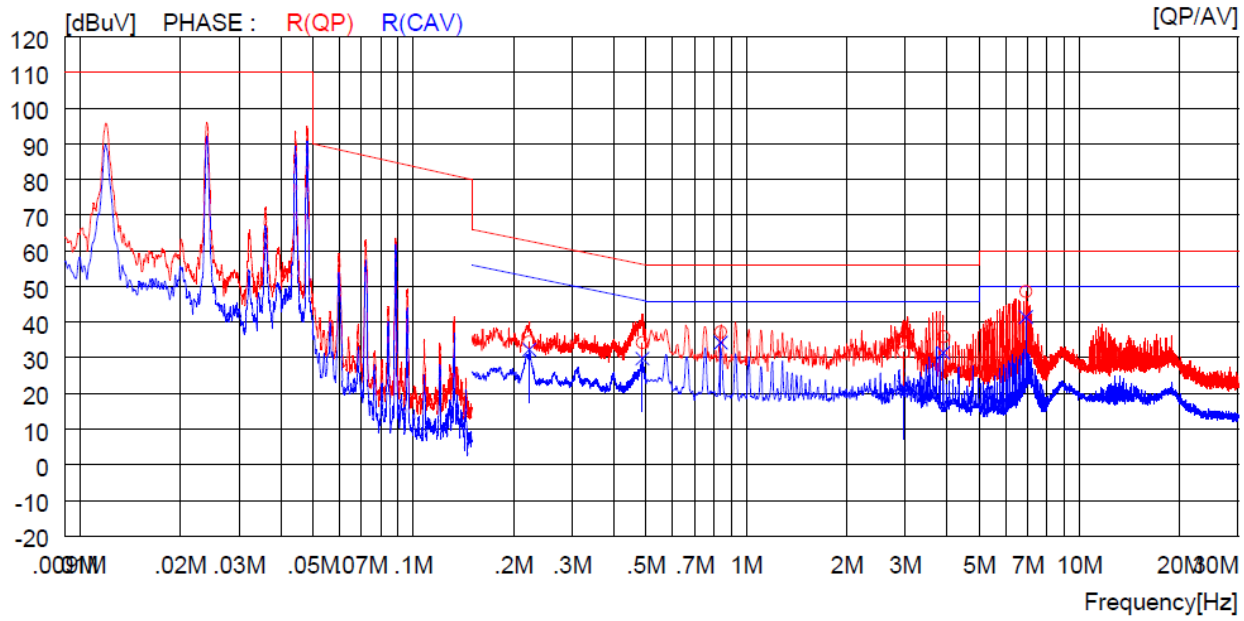
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.22300	24.0	----	10.4	34.4	----	62.7	----	28.3	----	R(QP)
2	0.48700	24.1	----	10.2	34.3	----	56.2	----	21.9	----	R(QP)
3	0.83800	27.1	----	10.2	37.3	----	56.0	----	18.7	----	R(QP)
4	2.96600	21.4	----	10.2	31.6	----	56.0	----	24.4	----	R(QP)
5	3.89800	25.8	----	10.2	36.0	----	56.0	----	20.0	----	R(QP)
6	6.90500	38.3	----	10.3	48.6	----	60.0	----	11.4	----	R(QP)
7	0.22300	----	21.9	10.4	----	32.3	----	52.7	----	20.4	R(CAV)
8	0.48700	----	19.6	10.2	----	29.8	----	46.2	----	16.4	R(CAV)
9	0.83800	----	24.1	10.2	----	34.3	----	46.0	----	11.7	R(CAV)
10	2.96600	----	11.6	10.2	----	21.8	----	46.0	----	24.2	R(CAV)
11	3.89800	----	21.2	10.2	----	31.4	----	46.0	----	14.6	R(CAV)
12	6.90500	----	31.1	10.3	----	41.4	----	50.0	----	8.6	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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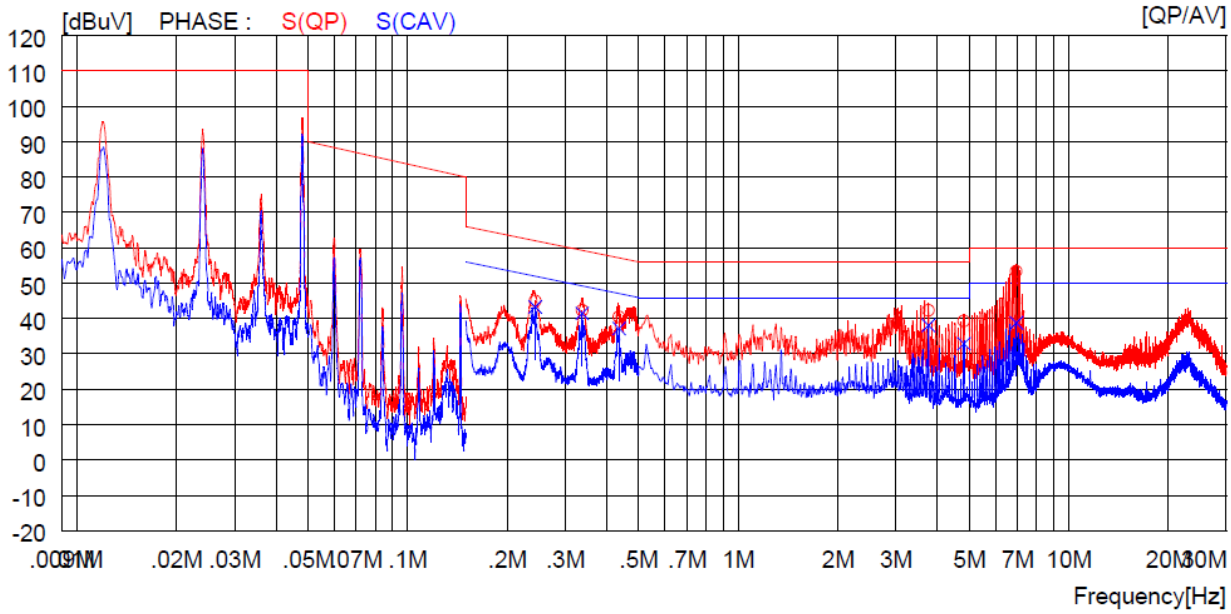
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.24300	34.7	----	10.3	45.0	----	62.0	----	17.1	----	S(QP)
2	0.33700	32.1	----	10.2	42.3	----	59.3	----	17.0	----	S(QP)
3	0.43600	30.3	----	10.2	40.5	----	57.1	----	16.6	----	S(QP)
4	3.75800	32.1	----	10.2	42.3	----	56.0	----	13.7	----	S(QP)
5	4.81600	29.1	----	10.2	39.3	----	56.0	----	16.7	----	S(QP)
6	6.93500	43.1	----	10.3	53.4	----	60.0	----	6.6	----	S(QP)
7	0.24300	----	33.0	10.3	----	43.3	----	52.0	----	8.7	S(CAV)
8	0.33700	----	31.3	10.2	----	41.5	----	49.3	----	7.8	S(CAV)
9	0.43600	----	27.0	10.2	----	37.2	----	47.1	----	9.9	S(CAV)
10	3.75800	----	27.9	10.2	----	38.1	----	46.0	----	7.9	S(CAV)
11	4.81600	----	22.7	10.2	----	32.9	----	46.0	----	13.1	S(CAV)
12	6.93500	----	28.5	10.3	----	38.8	----	50.0	----	11.2	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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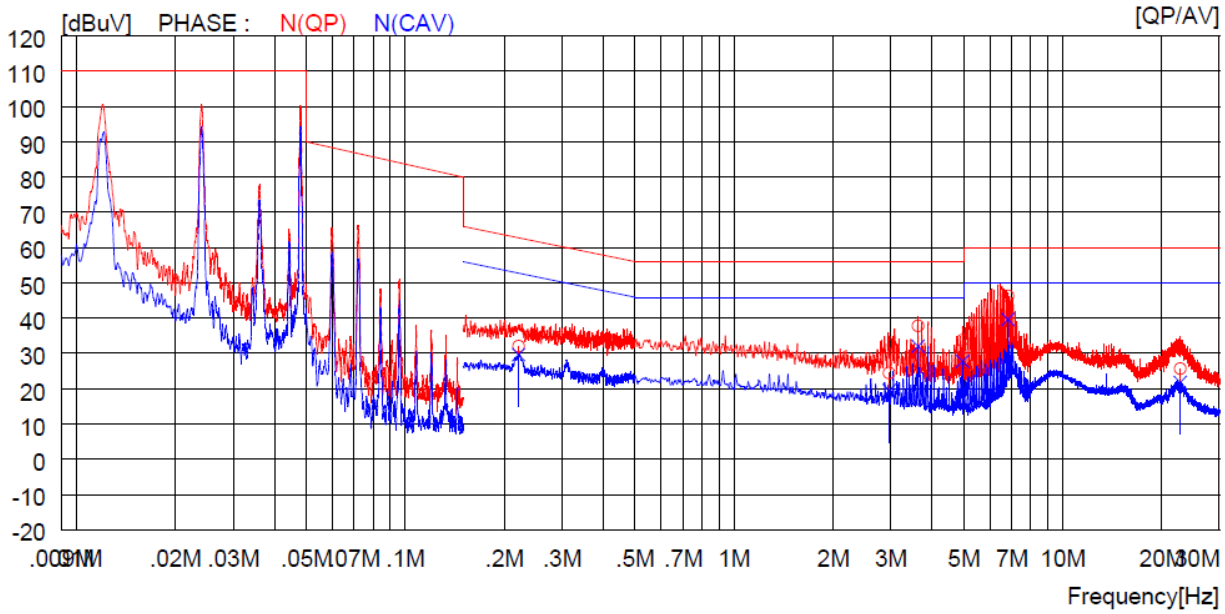
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



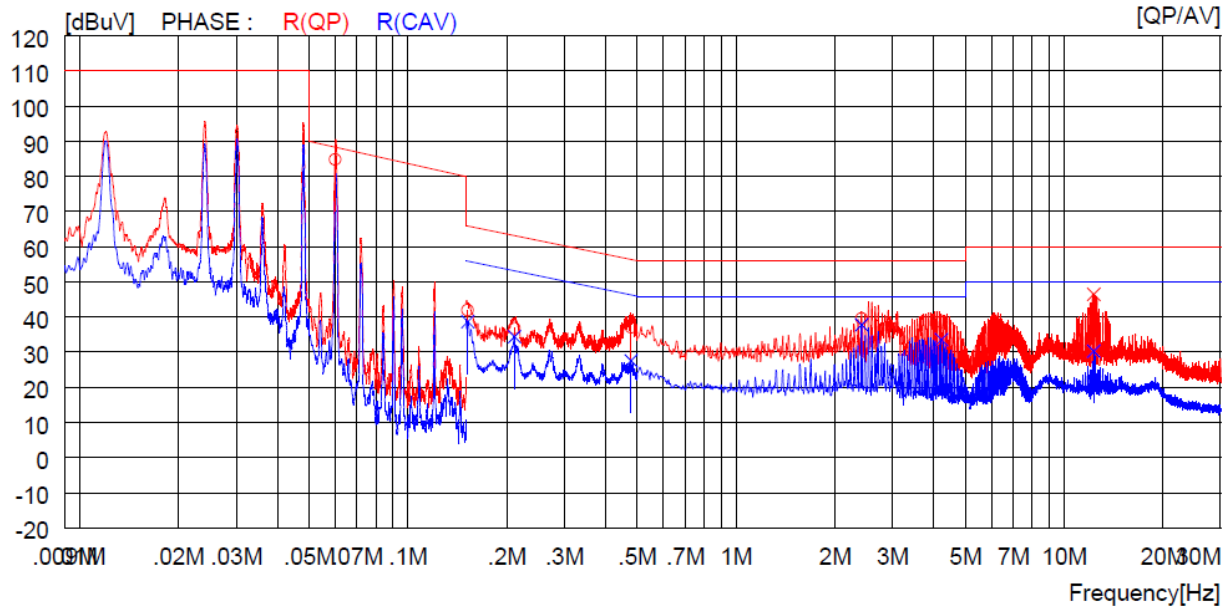
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.22100	21.7	----	10.4	32.1	----	62.8	----	30.7	----	N(QP)
2	2.96200	14.3	----	10.2	24.5	----	56.0	----	31.5	----	N(QP)
3	3.62800	27.6	----	10.2	37.8	----	56.0	----	18.2	----	N(QP)
4	4.95500	23.5	----	10.2	33.7	----	56.0	----	22.3	----	N(QP)
5	6.81000	36.0	----	10.3	46.3	----	60.0	----	13.7	----	N(QP)
6	22.76000	15.0	----	10.7	25.7	----	60.0	----	34.3	----	N(QP)
7	0.22100	----	19.3	10.4	----	29.7	----	52.8	----	23.1	N(CAV)
8	2.96200	----	9.3	10.2	----	19.5	----	46.0	----	26.5	N(CAV)
9	3.62800	----	21.9	10.2	----	32.1	----	46.0	----	13.9	N(CAV)
10	4.95500	----	17.6	10.2	----	27.8	----	46.0	----	18.2	N(CAV)
11	6.81000	----	29.4	10.3	----	39.7	----	50.0	----	10.3	N(CAV)
12	22.76000	----	11.1	10.7	----	21.8	----	50.0	----	28.2	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.06000	74.4	----	10.4	84.8	----	88.3	----	3.5	----	R(QP)
2	0.15200	31.6	----	10.4	42.0	----	65.9	----	23.9	----	R(QP)
3	0.21100	26.5	----	10.4	36.9	----	63.2	----	26.3	----	R(QP)
4	0.47800	26.9	----	10.2	37.1	----	56.4	----	19.3	----	R(QP)
5	2.41300	29.4	----	10.2	39.6	----	56.0	----	16.4	----	R(QP)
6	4.22200	28.4	----	10.2	38.6	----	56.0	----	17.4	----	R(QP)
7	12.30000	----	36.1	10.4	----	46.5	----	50.0	----	3.5	R(QP)
8	0.15200	----	28.3	10.4	----	38.7	----	55.9	----	17.2	R(CAV)
9	0.21100	----	24.0	10.4	----	34.4	----	53.2	----	18.8	R(CAV)
10	0.47800	----	17.4	10.2	----	27.6	----	46.4	----	18.8	R(CAV)
11	2.41300	----	27.6	10.2	----	37.8	----	46.0	----	8.2	R(CAV)
12	4.22200	----	23.4	10.2	----	33.6	----	46.0	----	12.4	R(CAV)
13	12.30000	----	19.9	10.4	----	30.3	----	50.0	----	19.7	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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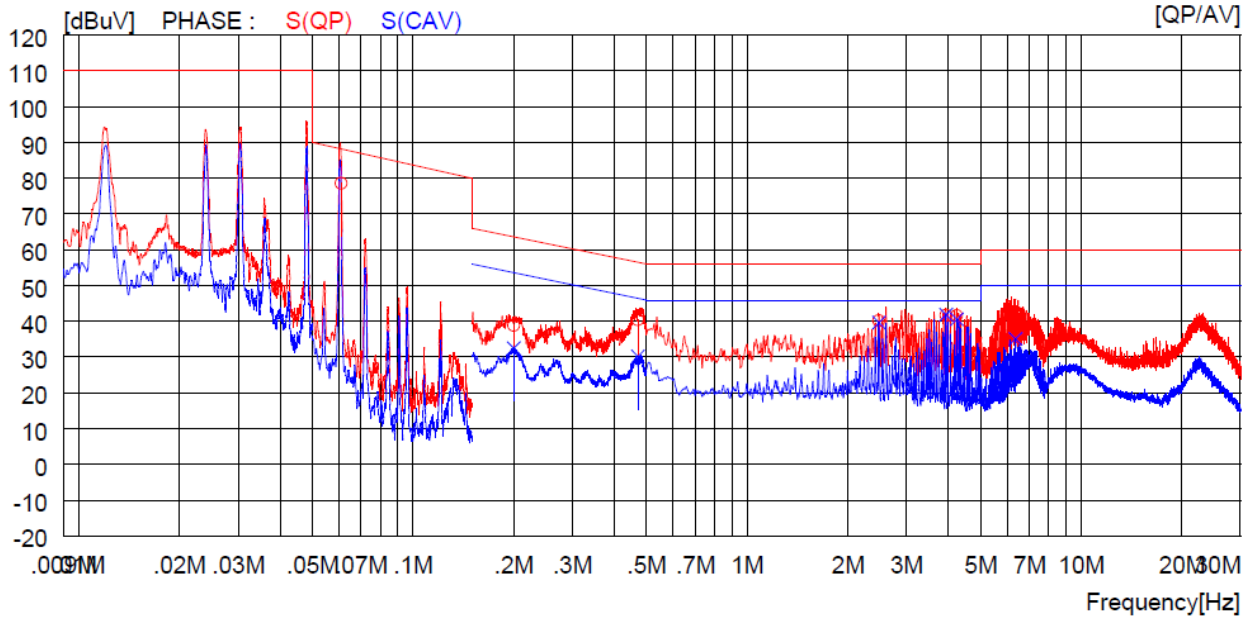
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



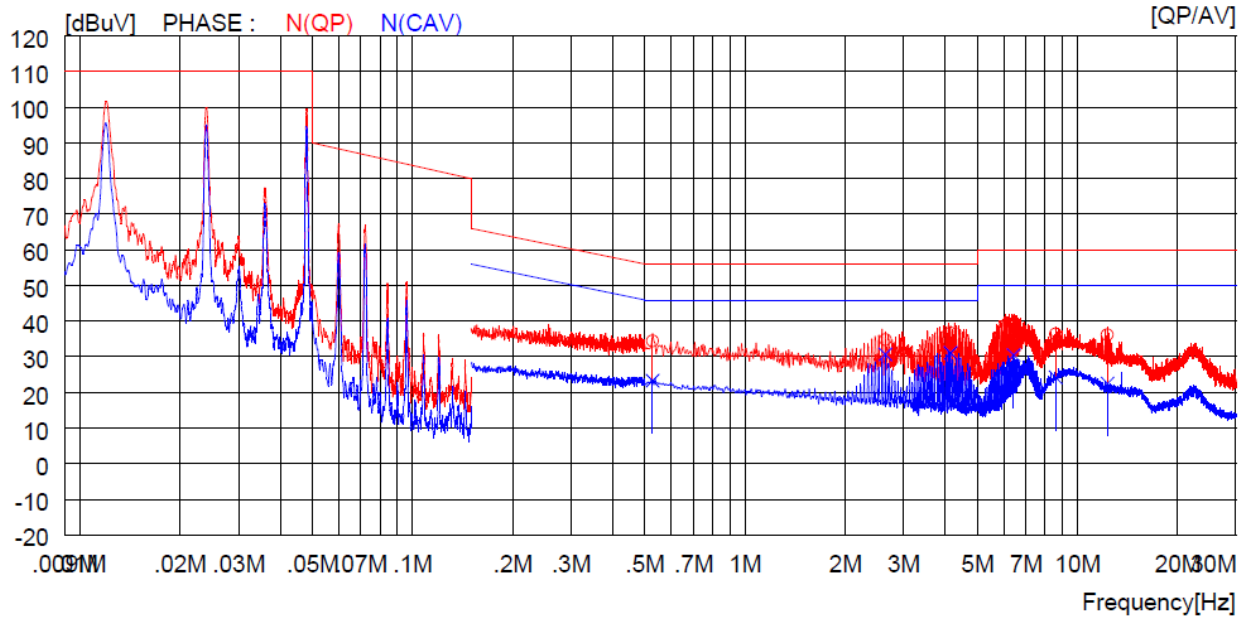
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.06100	68.2	----	10.4	78.6	----	88.2	----	9.6	----	S(QP)
2	0.20000	28.6	----	10.3	38.9	----	63.6	----	24.7	----	S(QP)
3	0.47100	30.3	----	10.2	40.5	----	56.5	----	16.0	----	S(QP)
4	2.48000	30.0	----	10.2	40.2	----	56.0	----	15.8	----	S(QP)
5	3.93400	31.5	----	10.2	41.7	----	56.0	----	14.3	----	S(QP)
6	4.24000	31.4	----	10.2	41.6	----	56.0	----	14.4	----	S(QP)
7	0.20000	----	22.2	10.3	----	32.5	----	53.6	----	21.1	S(CAV)
8	0.47100	----	20.0	10.2	----	30.2	----	46.5	----	16.3	S(CAV)
9	2.48000	----	29.5	10.2	----	39.7	----	46.0	----	6.3	S(CAV)
10	3.93400	----	31.7	10.2	----	41.9	----	46.0	----	4.1	S(CAV)
11	4.24000	----	30.4	10.2	----	40.6	----	46.0	----	5.4	S(CAV)
12	6.36000	----	24.9	10.2	----	35.1	----	50.0	----	14.9	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.52700	24.3	----	10.2	34.5	----	56.0	----	21.5	----	N(QP)
2	2.64200	24.6	----	10.2	34.8	----	56.0	----	21.2	----	N(QP)
3	4.15000	26.5	----	10.2	36.7	----	56.0	----	19.3	----	N(QP)
4	6.43000	28.9	----	10.2	39.1	----	60.0	----	20.9	----	N(QP)
5	8.59500	26.1	----	10.3	36.4	----	60.0	----	23.6	----	N(QP)
6	12.31000	25.8	----	10.4	36.2	----	60.0	----	23.8	----	N(QP)
7	0.52700	----	13.1	10.2	----	23.3	----	46.0	----	22.7	N(CAV)
8	2.64200	----	20.5	10.2	----	30.7	----	46.0	----	15.3	N(CAV)
9	4.15000	----	20.9	10.2	----	31.1	----	46.0	----	14.9	N(CAV)
10	6.43000	----	20.3	10.2	----	30.5	----	50.0	----	19.5	N(CAV)
11	8.59500	----	14.0	10.3	----	24.3	----	50.0	----	25.7	N(CAV)
12	12.31000	----	12.1	10.4	----	22.5	----	50.0	----	27.5	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

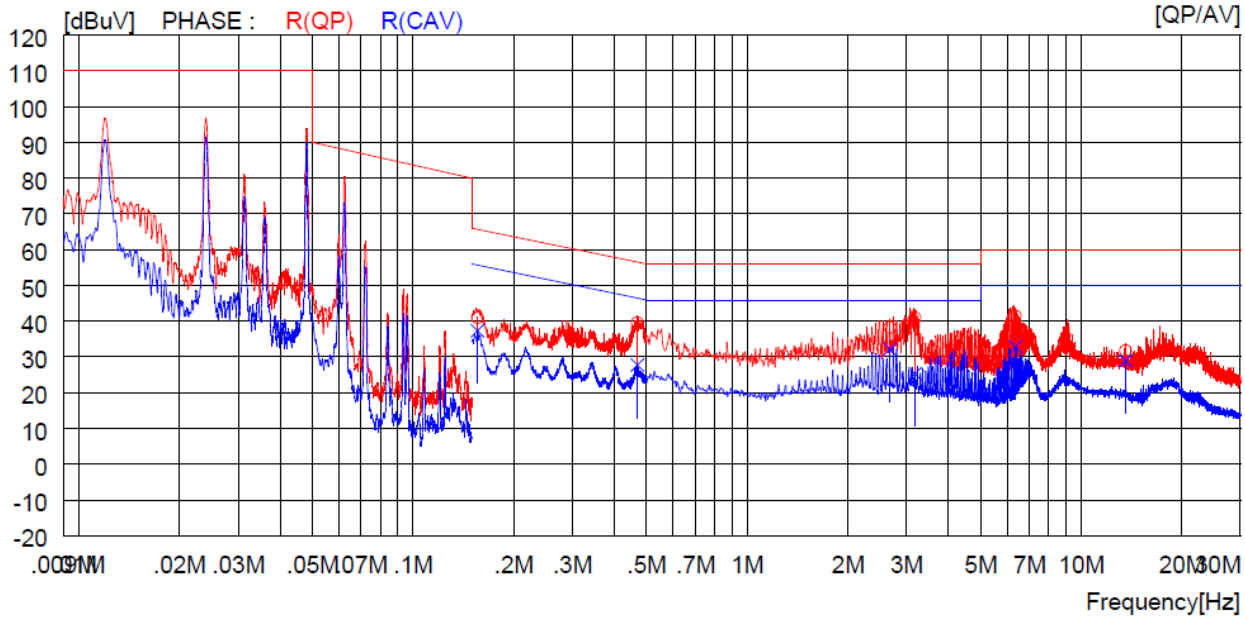
The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

5.1.6.2 Operating Condition: AC 240 V / 60 Hz

-. Test Result : Pass

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



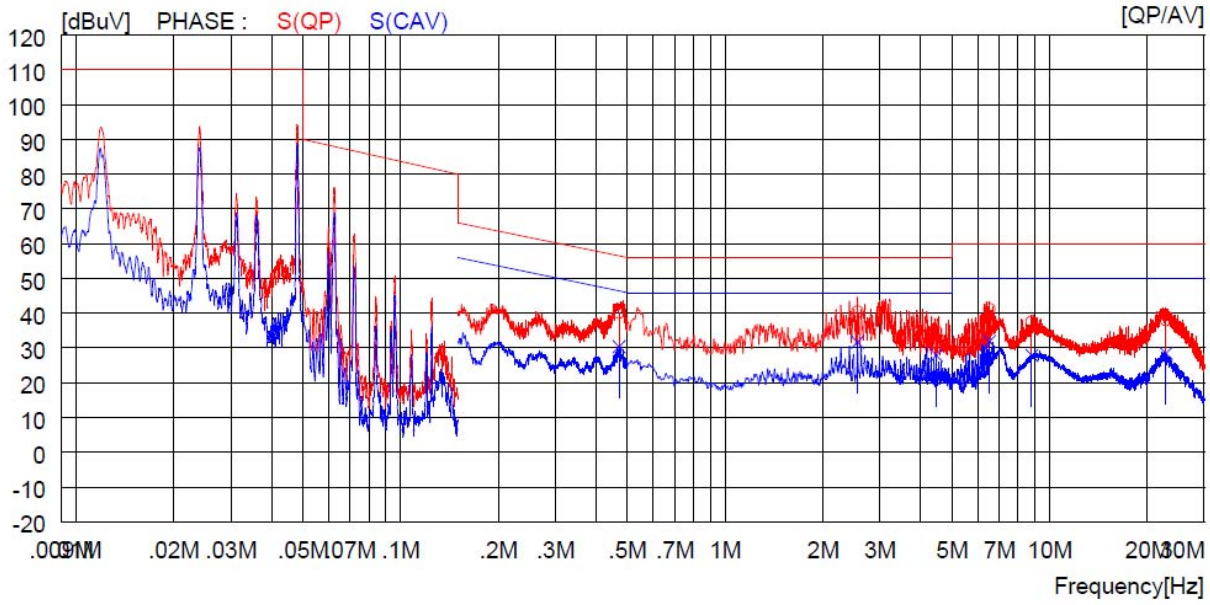
NO	FREQ	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
	[MHz]										
1	0.15600	30.6	----	10.4	41.0	----	65.7	----	24.7	----	R(QP)
2	0.46900	29.4	----	10.2	39.6	----	56.5	----	16.9	----	R(QP)
3	2.67400	28.1	----	10.2	38.3	----	56.0	----	17.7	----	R(QP)
4	3.17800	30.7	----	10.2	40.9	----	56.0	----	15.1	----	R(QP)
5	6.34000	31.3	----	10.3	41.6	----	60.0	----	18.5	----	R(QP)
6	13.57000	21.4	----	10.4	31.8	----	60.0	----	28.2	----	R(QP)
7	0.15600	----	27.0	10.4	----	37.4	----	55.7	----	18.3	R(CAV)
8	0.46900	----	17.6	10.2	----	27.8	----	46.5	----	18.7	R(CAV)
9	2.67400	----	22.0	10.2	----	32.2	----	46.0	----	13.8	R(CAV)
10	3.17800	----	15.1	10.2	----	25.3	----	46.0	----	20.7	R(CAV)
11	6.34000	----	22.6	10.3	----	32.9	----	50.0	----	17.1	R(CAV)
12	13.57000	----	18.6	10.4	----	29.0	----	50.0	----	21.0	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



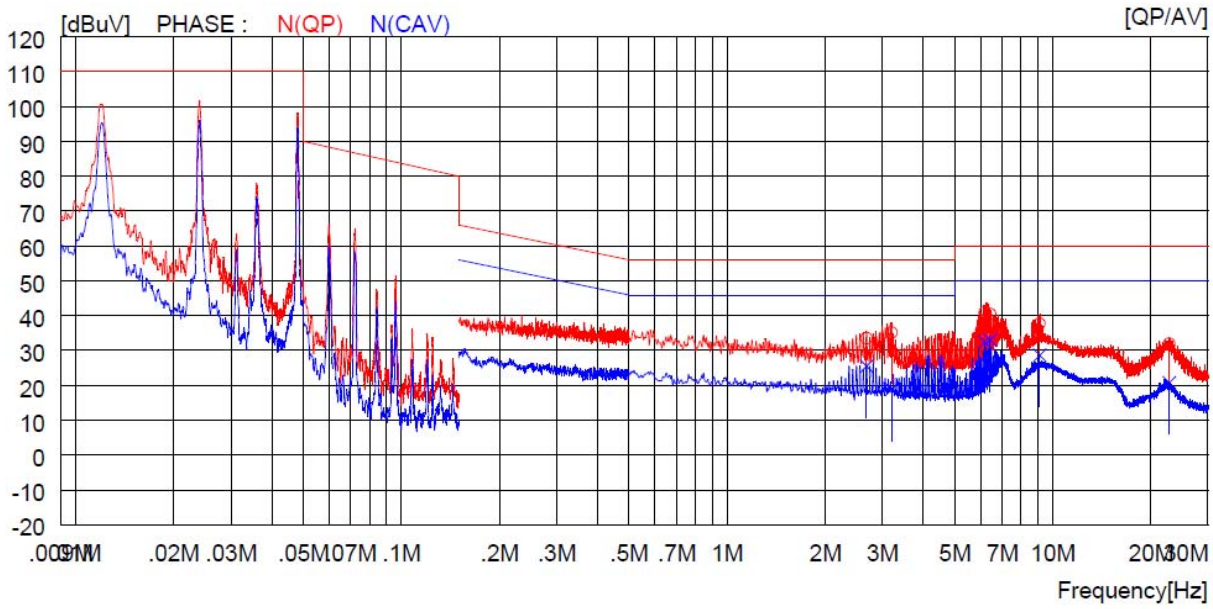
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.47100	30.0	----	10.2	40.2	----	56.5	----	16.3	----	S(QP)
2	2.55700	30.3	----	10.2	40.5	----	56.0	----	15.5	----	S(QP)
3	4.47400	24.6	----	10.2	34.8	----	56.0	----	21.2	----	S(QP)
4	6.53000	30.9	----	10.3	41.2	----	60.0	----	18.8	----	S(QP)
5	8.81000	27.2	----	10.3	37.5	----	60.0	----	22.5	----	S(QP)
6	22.84000	27.5	----	10.6	38.1	----	60.0	----	21.9	----	S(QP)
7	0.47100	----	20.2	10.2	----	30.4	----	46.5	----	16.1	S(CAV)
8	2.55700	----	21.5	10.2	----	31.7	----	46.0	----	14.3	S(CAV)
9	4.47400	----	17.7	10.2	----	27.9	----	46.0	----	18.1	S(CAV)
10	6.53000	----	21.6	10.3	----	31.9	----	50.0	----	18.1	S(CAV)
11	8.81000	----	17.6	10.3	----	27.9	----	50.0	----	22.1	S(CAV)
12	22.84000	----	17.9	10.6	----	28.5	----	50.0	----	21.5	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	2.67800	23.4	----	10.2	33.6	----	56.0	----	22.4	----	N(QP)
2	3.19600	25.0	----	10.2	35.2	----	56.0	----	20.8	----	N(QP)
3	6.17500	30.7	----	10.2	40.9	----	60.0	----	19.1	----	N(QP)
4	6.42500	30.2	----	10.3	40.5	----	60.0	----	19.5	----	N(QP)
5	9.11000	27.4	----	10.3	37.7	----	60.0	----	22.3	----	N(QP)
6	22.77000	21.3	----	10.7	32.0	----	60.0	----	28.0	----	N(QP)
7	2.67800	----	15.3	10.2	----	25.5	----	46.0	----	20.5	N(CAV)
8	3.19600	----	8.7	10.2	----	18.9	----	46.0	----	27.1	N(CAV)
9	6.17500	----	22.3	10.2	----	32.5	----	50.0	----	17.5	N(CAV)
10	6.42500	----	22.7	10.3	----	33.0	----	50.0	----	17.0	N(CAV)
11	9.11000	----	18.4	10.3	----	28.7	----	50.0	----	21.3	N(CAV)
12	22.77000	----	10.1	10.7	----	20.8	----	50.0	----	29.2	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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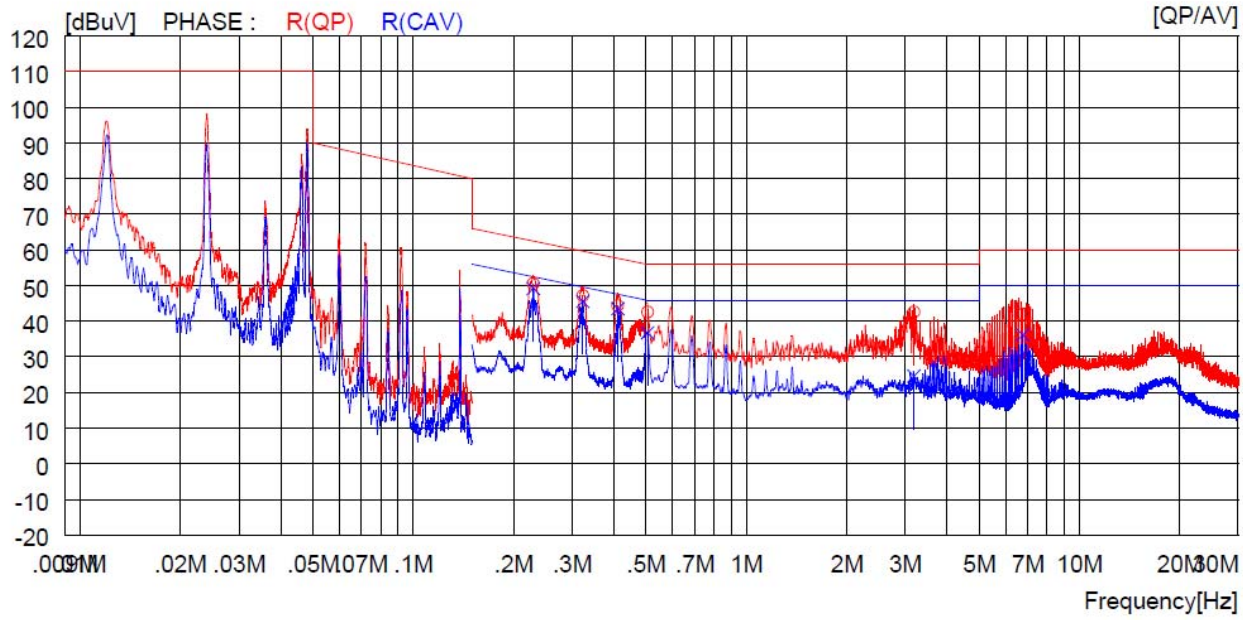
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



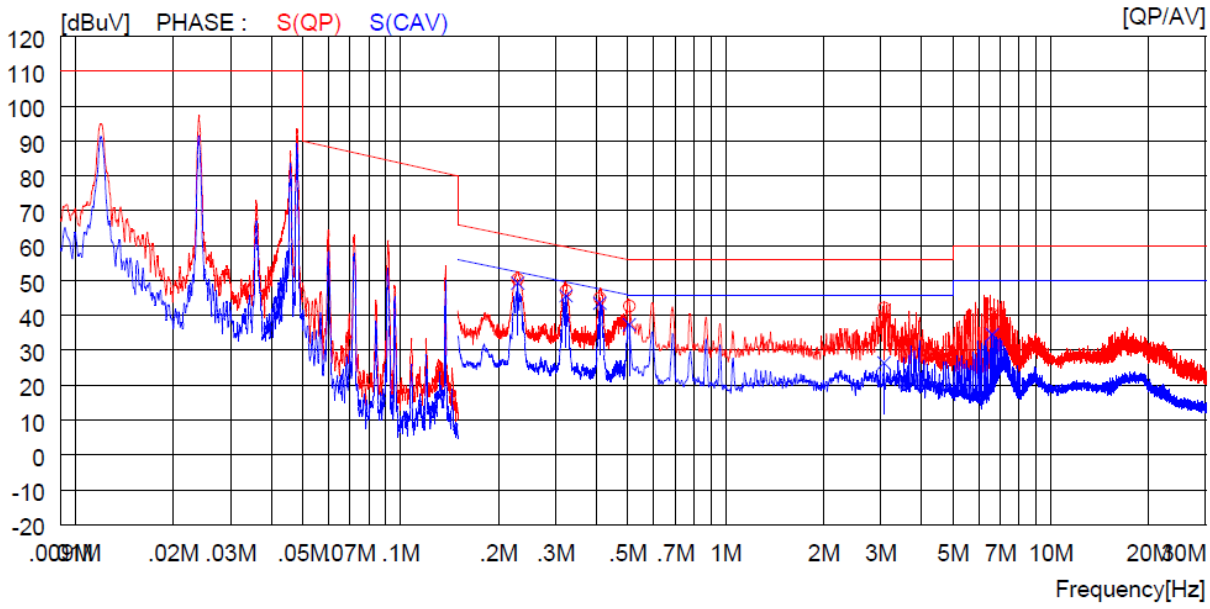
NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.22900	40.1	----	10.4	50.5	----	62.5	----	12.0	----	R(QP)
2	0.32300	37.0	----	10.2	47.2	----	59.6	----	12.4	----	R(QP)
3	0.41100	34.2	----	10.2	44.4	----	57.6	----	13.2	----	R(QP)
4	0.50500	32.4	----	10.2	42.6	----	56.0	----	13.4	----	R(QP)
5	3.18200	32.4	----	10.2	42.6	----	56.0	----	13.4	----	R(QP)
6	6.76500	31.7	----	10.3	42.0	----	60.0	----	18.0	----	R(QP)
7	0.22900	----	38.8	10.4	----	49.2	----	52.5	----	3.3	R(CAV)
8	0.32300	----	35.4	10.2	----	45.6	----	49.6	----	4.0	R(CAV)
9	0.41100	----	33.3	10.2	----	43.5	----	47.6	----	4.1	R(CAV)
10	0.50500	----	26.6	10.2	----	36.8	----	46.0	----	9.2	R(CAV)
11	3.18200	----	14.4	10.2	----	24.6	----	46.0	----	21.4	R(CAV)
12	6.76500	----	25.9	10.3	----	36.2	----	50.0	----	13.8	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



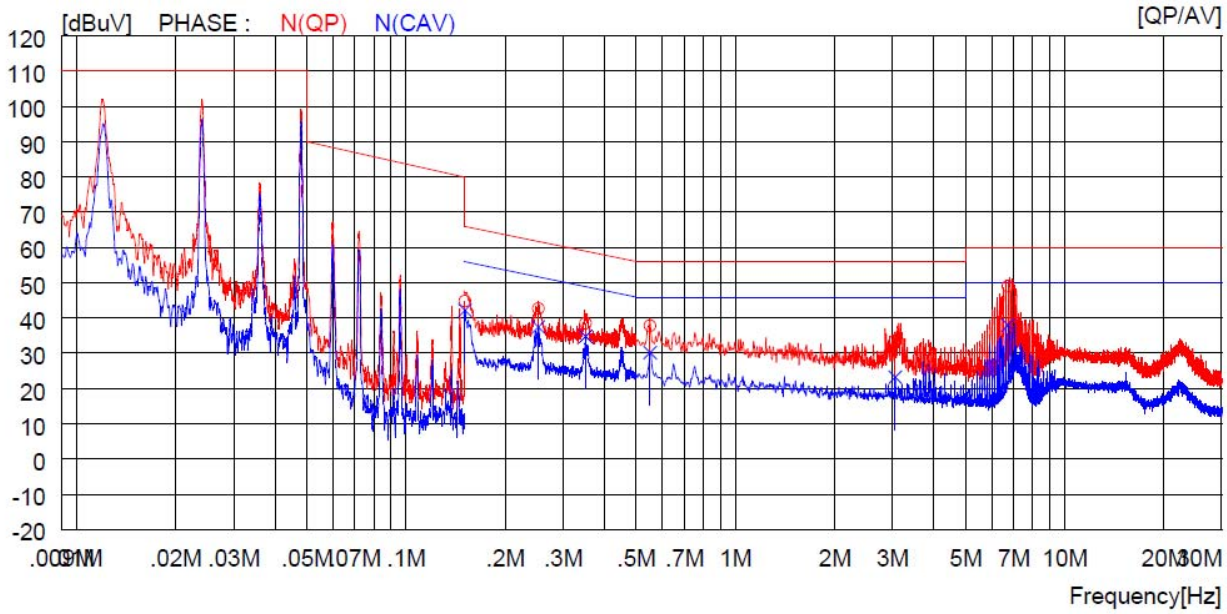
NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.22900	40.1	----	10.3	50.4	----	62.5	----	12.1	----	S(QP)
2	0.32300	36.9	----	10.2	47.1	----	59.6	----	12.5	----	S(QP)
3	0.41000	34.8	----	10.2	45.0	----	57.6	----	12.6	----	S(QP)
4	0.50500	32.5	----	10.2	42.7	----	56.0	----	13.3	----	S(QP)
5	3.06500	31.9	----	10.2	42.1	----	56.0	----	13.9	----	S(QP)
6	6.60000	30.1	----	10.3	40.4	----	60.0	----	19.6	----	S(QP)
7	0.22900	----	39.0	10.3	----	49.3	----	52.5	----	3.2	S(CAV)
8	0.32300	----	35.5	10.2	----	45.7	----	49.6	----	3.9	S(CAV)
9	0.41000	----	33.3	10.2	----	43.5	----	47.6	----	4.1	S(CAV)
10	0.50500	----	27.2	10.2	----	37.4	----	46.0	----	8.6	S(CAV)
11	3.06500	----	16.2	10.2	----	26.4	----	46.0	----	19.6	S(CAV)
12	6.60000	----	24.2	10.3	----	34.5	----	50.0	----	15.5	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



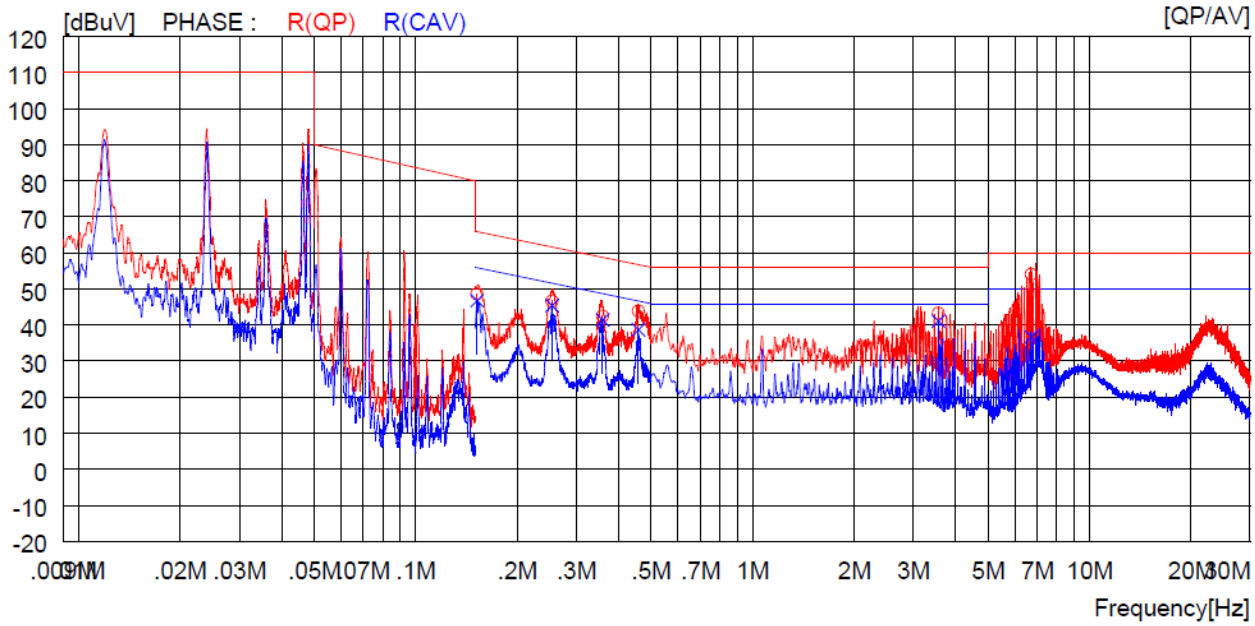
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.15100	34.5	----	10.3	44.8	----	65.9	----	21.1	----	N(QP)
2	0.25200	32.4	----	10.3	42.7	----	61.7	----	19.0	----	N(QP)
3	0.35100	28.3	----	10.2	38.5	----	58.9	----	20.4	----	N(QP)
4	0.55000	27.6	----	10.2	37.8	----	56.0	----	18.2	----	N(QP)
5	3.05600	23.4	----	10.2	33.6	----	56.0	----	22.4	----	N(QP)
6	6.73000	38.7	----	10.3	49.0	----	60.0	----	11.0	----	N(QP)
7	0.15100	----	31.9	10.3	----	42.2	----	55.9	----	13.7	N(CAV)
8	0.25200	----	27.2	10.3	----	37.5	----	51.7	----	14.2	N(CAV)
9	0.35100	----	24.6	10.2	----	34.8	----	48.9	----	14.1	N(CAV)
10	0.55000	----	20.0	10.2	----	30.2	----	46.0	----	15.8	N(CAV)
11	3.05600	----	13.0	10.2	----	23.2	----	46.0	----	22.8	N(CAV)
12	6.73000	----	27.7	10.3	----	38.0	----	50.0	----	12.0	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



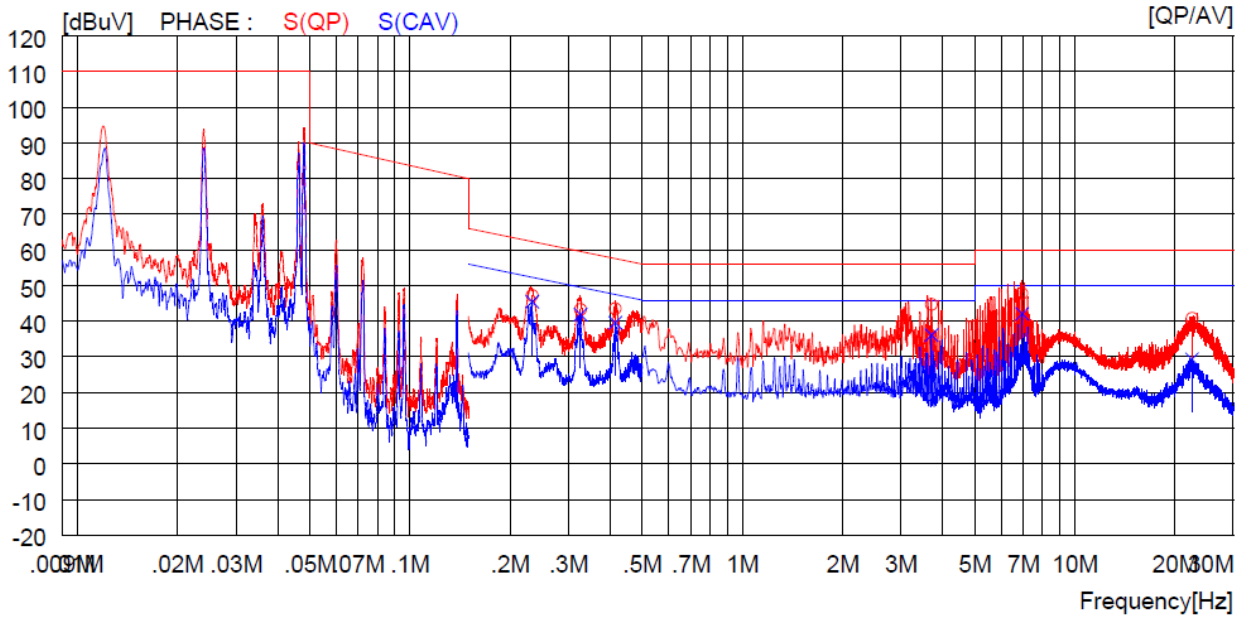
NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.15200	38.2	----	10.4	48.6	----	65.9	----	17.3	----	R(QP)
2	0.25400	36.4	----	10.3	46.7	----	61.6	----	14.9	----	R(QP)
3	0.35900	32.3	----	10.2	42.5	----	58.8	----	16.3	----	R(QP)
4	0.45800	33.7	----	10.2	43.9	----	56.7	----	12.8	----	R(QP)
5	3.56000	33.1	----	10.2	43.3	----	56.0	----	12.7	----	R(QP)
6	6.71500	43.8	----	10.3	54.1	----	60.0	----	5.9	----	R(QP)
7	0.15200	----	36.4	10.4	----	46.8	----	55.9	----	9.1	R(CAV)
8	0.25400	----	35.1	10.3	----	45.4	----	51.6	----	6.2	R(CAV)
9	0.35900	----	31.2	10.2	----	41.4	----	48.8	----	7.4	R(CAV)
10	0.45800	----	28.5	10.2	----	38.7	----	46.7	----	8.0	R(CAV)
11	3.56000	----	30.9	10.2	----	41.1	----	46.0	----	4.9	R(CAV)
12	6.71500	----	26.5	10.3	----	36.8	----	50.0	----	13.2	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



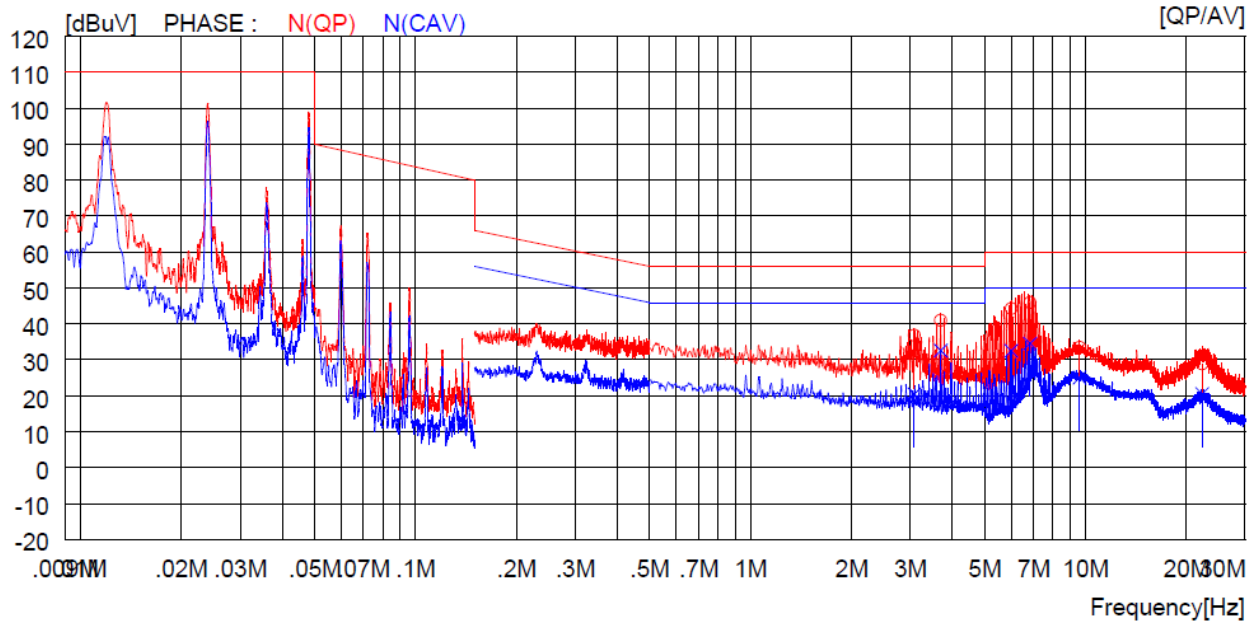
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.23300	37.0	----	10.3	47.3	----	62.3	----	15.0	----	S(QP)
2	0.32600	33.1	----	10.2	43.3	----	59.6	----	16.3	----	S(QP)
3	0.41400	33.4	----	10.2	43.6	----	57.6	----	14.0	----	S(QP)
4	3.70000	34.5	----	10.2	44.7	----	56.0	----	11.3	----	S(QP)
5	6.93000	37.5	----	10.3	47.8	----	60.0	----	12.2	----	S(QP)
6	22.51000	30.2	----	10.6	40.8	----	60.0	----	19.2	----	S(QP)
7	0.23300	----	35.2	10.3	----	45.5	----	52.3	----	6.8	S(CAV)
8	0.32600	----	31.7	10.2	----	41.9	----	49.6	----	7.7	S(CAV)
9	0.41400	----	29.4	10.2	----	39.6	----	47.6	----	8.0	S(CAV)
10	3.70000	----	25.9	10.2	----	36.1	----	46.0	----	9.9	S(CAV)
11	6.93000	----	31.8	10.3	----	42.1	----	50.0	----	7.9	S(CAV)
12	22.51000	----	18.8	10.6	----	29.4	----	50.0	----	20.6	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



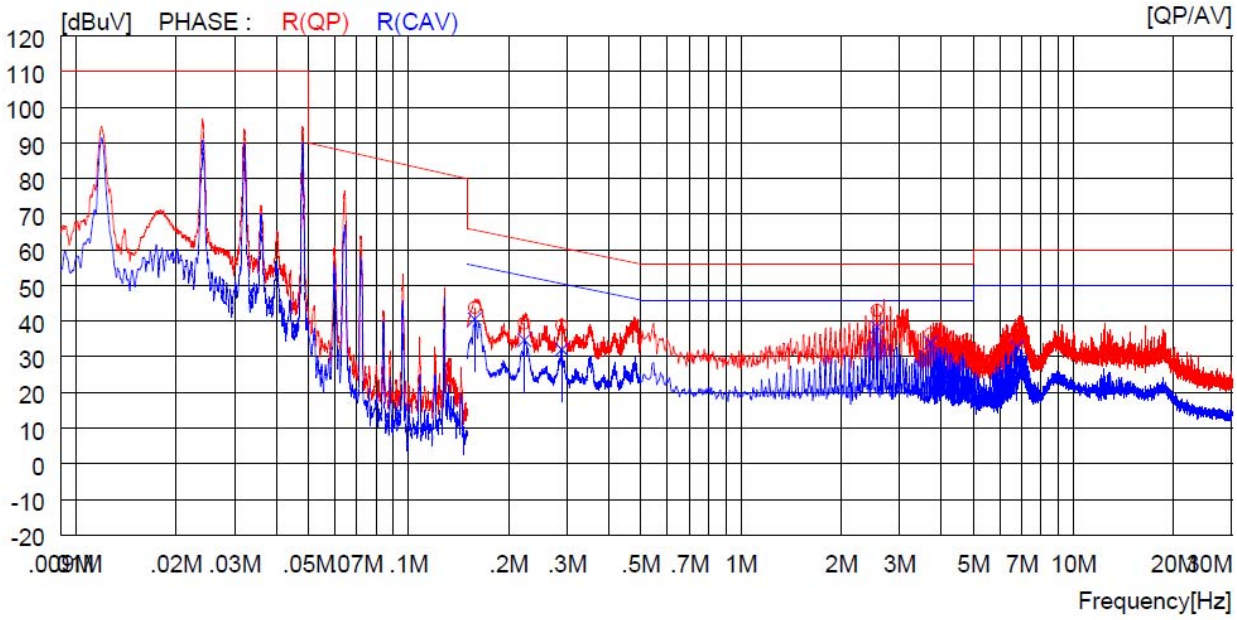
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	3.08300	26.6	----	10.2	36.8	----	56.0	----	19.2	----	N(QP)
2	3.69500	30.8	----	10.2	41.0	----	56.0	----	15.0	----	N(QP)
3	6.00000	34.1	----	10.2	44.3	----	60.0	----	15.7	----	N(QP)
4	6.83000	35.6	----	10.3	45.9	----	60.0	----	14.1	----	N(QP)
5	9.60000	23.2	----	10.3	33.5	----	60.0	----	26.5	----	N(QP)
6	22.28000	18.3	----	10.6	28.9	----	60.0	----	31.1	----	N(QP)
7	3.08300	----	10.3	10.2	----	20.5	----	46.0	----	25.5	N(CAV)
8	3.69500	----	22.4	10.2	----	32.6	----	46.0	----	13.4	N(CAV)
9	6.00000	----	22.3	10.2	----	32.5	----	50.0	----	17.5	N(CAV)
10	6.83000	----	24.3	10.3	----	34.6	----	50.0	----	15.4	N(CAV)
11	9.60000	----	14.8	10.3	----	25.1	----	50.0	----	24.9	N(CAV)
12	22.28000	----	10.0	10.6	----	20.6	----	50.0	----	29.4	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: R



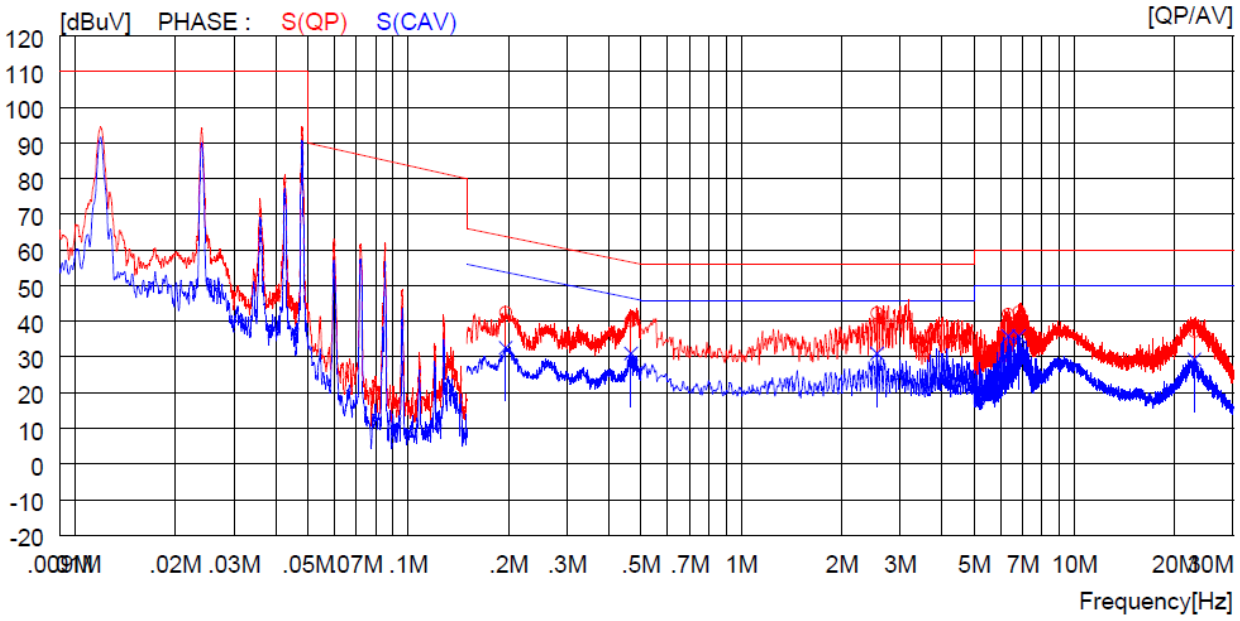
NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.15800	33.4	----	10.4	43.8	----	65.6	----	21.8	----	R(QP)
2	0.22300	29.0	----	10.4	39.4	----	62.7	----	23.3	----	R(QP)
3	0.28900	28.6	----	10.2	38.8	----	60.6	----	21.8	----	R(QP)
4	2.56600	32.8	----	10.2	43.0	----	56.0	----	13.0	----	R(QP)
5	3.72200	26.3	----	10.2	36.5	----	56.0	----	19.5	----	R(QP)
6	6.76500	27.2	----	10.3	37.5	----	60.0	----	22.5	----	R(QP)
7	0.15800	----	30.2	10.4	----	40.6	----	55.6	----	15.0	R(CAV)
8	0.22300	----	24.3	10.4	----	34.7	----	52.7	----	18.0	R(CAV)
9	0.28900	----	21.9	10.2	----	32.1	----	50.6	----	18.5	R(CAV)
10	2.56600	----	28.2	10.2	----	38.4	----	46.0	----	7.6	R(CAV)
11	3.72200	----	23.7	10.2	----	33.9	----	46.0	----	12.1	R(CAV)
12	6.76500	----	22.4	10.3	----	32.7	----	50.0	----	17.3	R(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: S



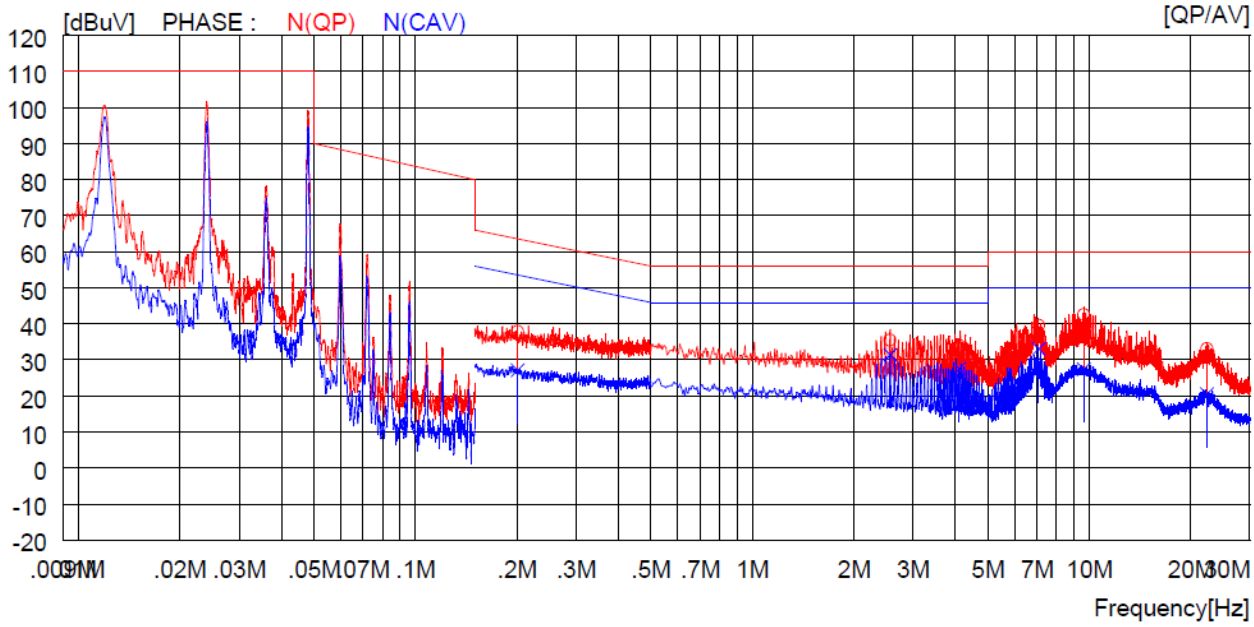
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19600	32.2	----	10.3	42.5	----	63.8	----	21.3	----	S(QP)
2	0.46600	29.9	----	10.2	40.1	----	56.6	----	16.5	----	S(QP)
3	2.55200	32.1	----	10.2	42.3	----	56.0	----	13.7	----	S(QP)
4	6.32500	31.8	----	10.2	42.0	----	60.0	----	18.0	----	S(QP)
5	6.80500	32.3	----	10.3	42.6	----	60.0	----	17.4	----	S(QP)
6	22.92000	26.6	----	10.6	37.2	----	60.0	----	22.8	----	S(QP)
7	0.19600	----	22.3	10.3	----	32.6	----	53.8	----	21.2	S(CAV)
8	0.46600	----	20.8	10.2	----	31.0	----	46.6	----	15.6	S(CAV)
9	2.55200	----	20.8	10.2	----	31.0	----	46.0	----	15.0	S(CAV)
10	6.32500	----	25.7	10.2	----	35.9	----	50.0	----	14.1	S(CAV)
11	6.80500	----	25.6	10.3	----	35.9	----	50.0	----	14.1	S(CAV)
12	22.92000	----	18.8	10.6	----	29.4	----	50.0	----	20.6	S(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 26, 2023
Resolution bandwidth	: 9 kHz	Tested Line	: N



NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.20100	27.5	----	10.4	37.9	----	63.6	----	25.7	----	N(QP)
2	2.56100	25.3	----	10.2	35.5	----	56.0	----	20.5	----	N(QP)
3	4.10900	23.8	----	10.2	34.0	----	56.0	----	22.0	----	N(QP)
4	7.07500	29.3	----	10.3	39.6	----	60.0	----	20.4	----	N(QP)
5	9.62500	32.3	----	10.3	42.6	----	60.0	----	17.4	----	N(QP)
6	22.34000	22.4	----	10.7	33.1	----	60.0	----	26.9	----	N(QP)
7	0.20100	----	16.8	10.4	----	27.2	----	53.6	----	26.4	N(CAV)
8	2.56100	----	21.2	10.2	----	31.4	----	46.0	----	14.6	N(CAV)
9	4.10900	----	17.4	10.2	----	27.6	----	46.0	----	18.4	N(CAV)
10	7.07500	----	22.8	10.3	----	33.1	----	50.0	----	16.9	N(CAV)
11	9.62500	----	17.1	10.3	----	27.4	----	50.0	----	22.6	N(CAV)
12	22.34000	----	9.9	10.7	----	20.6	----	50.0	----	29.4	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (AMN), cable loss and attenuator.

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5.2 Radiated Emission Test

5.2.1 Operating Environment

Temperature : 23.2 °C

Relative humidity : 55.1 % R.H.

5.2.2 Test Setup

The radiated emissions measurements were on the 10 m semi anechoic chamber. The EUT and all local support equipment were placed on non-conductive support 0.1 m above a reference ground plane.

The frequency spectrum of 9 kHz to 30 MHz, 30 MHz to 1 000 MHz, 1 GHz to 25 GHz was scanned and the maximum emission level of each frequency was recorded. The maximum emission level was determined by rotating the system 360° and changing the height of the antenna between 1.0m and 4.0m, and the height of the loop antenna was set to 2m. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

5.2.3 Measurement uncertainty

Radiated emission electric field intensity, 9 kHz ~ 30 MHz : ± 4.1 dB

Radiated emission electric field intensity, 30 MHz ~ 1 000 MHz : ± 4.1 dB

Radiated emission electric field intensity, 1 000 MHz ~ 6 000 MHz : ± 6.2 dB

Radiated emission electric field intensity, 6 000 MHz ~ 25 000 MHz : ± 6.1 dB

Measurement uncertainty is calculated in accordance with CISPR 16-4-2. The measurement uncertainty is given with a confidence of 95 % with the coverage factor, $k = 2$.

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5.2.4 Limit

Equipment	Operating frequency	RF Power generated by equipment (watts)	Field strength limit (uV/m)	Distance (meters)
Any type unless otherwise specified (miscellaneous)	Any ISM frequency	Below 500 500 or more	25 25 × SQRT(power/500)	300 300 [1)]
	Any non-ISM frequency	Below 500 500 or more	15 15 × SQRT(power/500)	300 300 [1)]
Industrial heatrs 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 non-ISM frequency	Any Any	25 15	300 300
Ultrasonic	Below 490 kHz	Below 500 500 or more	2,400/F(kHz) 2,400/F(kHz) × SQRT(power/500)	300 300 [3)]
	490 to 1,600 kHz Above 1,600 kHz	Any Any	24,000/F(kHz) 15	30 30
Induction cooking ranges	Below 90 kHz On or above 90 kHz	Any Any	1,500 300	30 [4)] 30 [4)]

1) Field strength may not exceed 10 μ 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.
2) Reduced to the greatest extent possible.
3) Field strength may not exceed 10 μ V/m at 1600 meters. Consumer equipment is not permitted the increase in field strength otherwise permitted here for over 500 watts.
4) Induction cooking ranges manufactured prior to February 1, 1980, shall be subject to the field strength limits for miscellaneous ISM equipment.

Note 1: Limit 10m(dBμV/m)=Limit 1 500m(dBμV/m)+40Log(30m/10m) (Below 30 MHz)

Note 2: Limit 10m(dBμV/m)=Limit 1 500m(dBμV/m)+20Log(30m/10m) (Above 30 MHz)

Note 3: Limit 3m(dBμV/m)=Limit 1 500m(dBμV/m)+20Log(30m/3m) (Above 30 MHz)

Note 4: This product is a induction cooking range which operated Below 90 kHz.

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5.2.5 Test Equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
■ -	ESW 44	Rohde & Schwarz	EMI Test Receiver	101851	Mar. 07, 2023 (1Y)
■ -	VULB9163	Schwarzbeck	Trilog Broadband Antenna	9163-225	Sep. 14. 2022 (2Y)
■ -	8447D	Hewlett Packard	Amplifier	2944A07777	Mar. 07, 2023 (1Y)
■ -	CO3000	Innco Systems GmbH	Controller	CO3000/1015	N/A
■ -	DT5000	Innco Systems GmbH	Turn Table	N/A	N/A
■ -	MA4000-EP	Innco Systems GmbH	Antenna Master	MA4000/508	N/A
■ -	FMZB 1513	Schwarzbeck	Loop Antenna	1513-235	Mar. 24, 2022 (2Y)
■ -	MA-4640-XPET	Innco Systems GmbH	Antenna Master	MA4640/592/40700517	N/A
■ -	3115	ETS-LINDGREN	Horn Antenna	34823	Aug. 14, 2023 (1Y)
■ -	SAS-574	A.H. System	Horn Antenna	676	Oct. 19, 2022 (1Y)
■ -	PAM-118A	Com-Power	Preamplifier	18040081	Oct. 13, 2022 (1Y)
■ -	PAM-840A	Com-Power	Preamplifier	461339	Oct. 13, 2022 (1Y)
■ -	WT-A3882-R10	Microwave	Cavity Band Rejection Filter	WT22040502-1	Apr. 03, 2023 (1Y)

All test equipment used is calibrated on a regular basis.

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5.2.6 Test Data

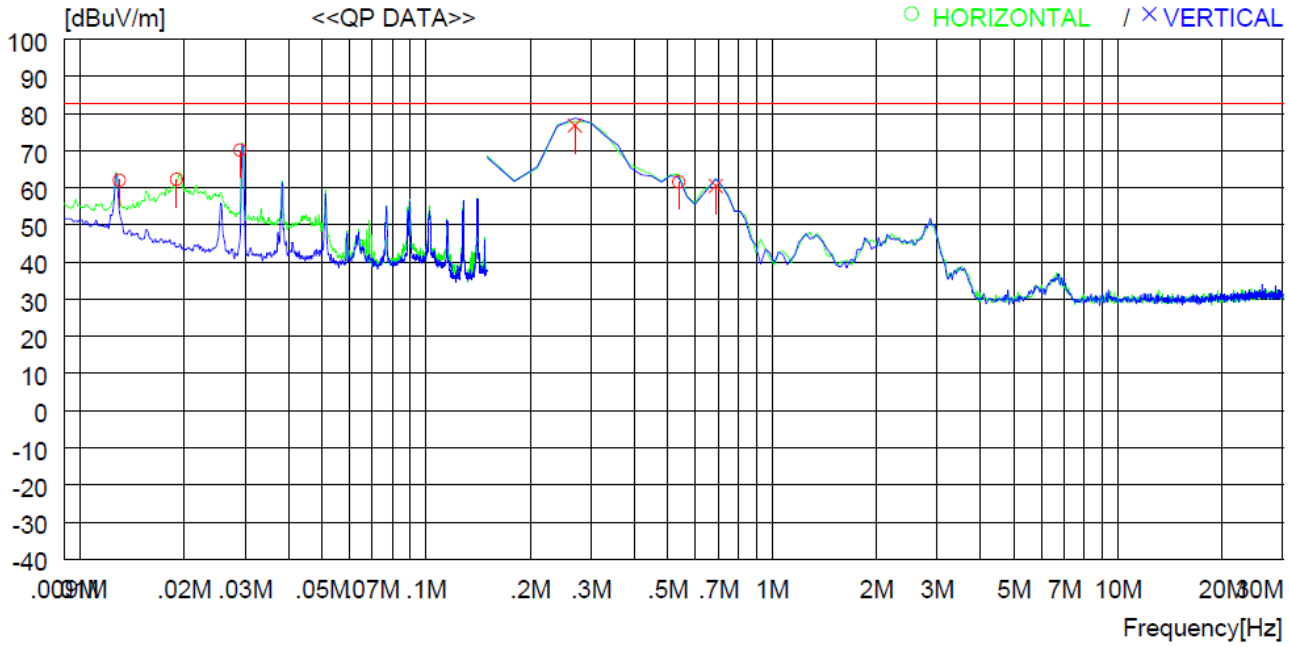
5.2.6.1 Operating Condition: AC 208 V / 60 Hz

-. Test Result : Pass

박 병 관

Tested by: Byeong-Kwan, Park/ Sr. Engineer

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.013	42.8	19.0	0.2	0.0	62.0	82.6	20.6	100	359
2	0.019	43.0	19.0	0.3	0.0	62.3	82.6	20.3	100	200
3	0.029	50.9	19.0	0.3	0.0	70.2	82.6	12.4	100	319
4	0.538	42.3	18.9	0.4	0.0	61.6	82.6	21.0	100	189
----- Vertical ------										
5	0.269	57.5	19.0	0.3	0.0	76.8	82.6	5.8	100	12
6	0.687	41.2	18.9	0.4	0.0	60.5	82.6	22.1	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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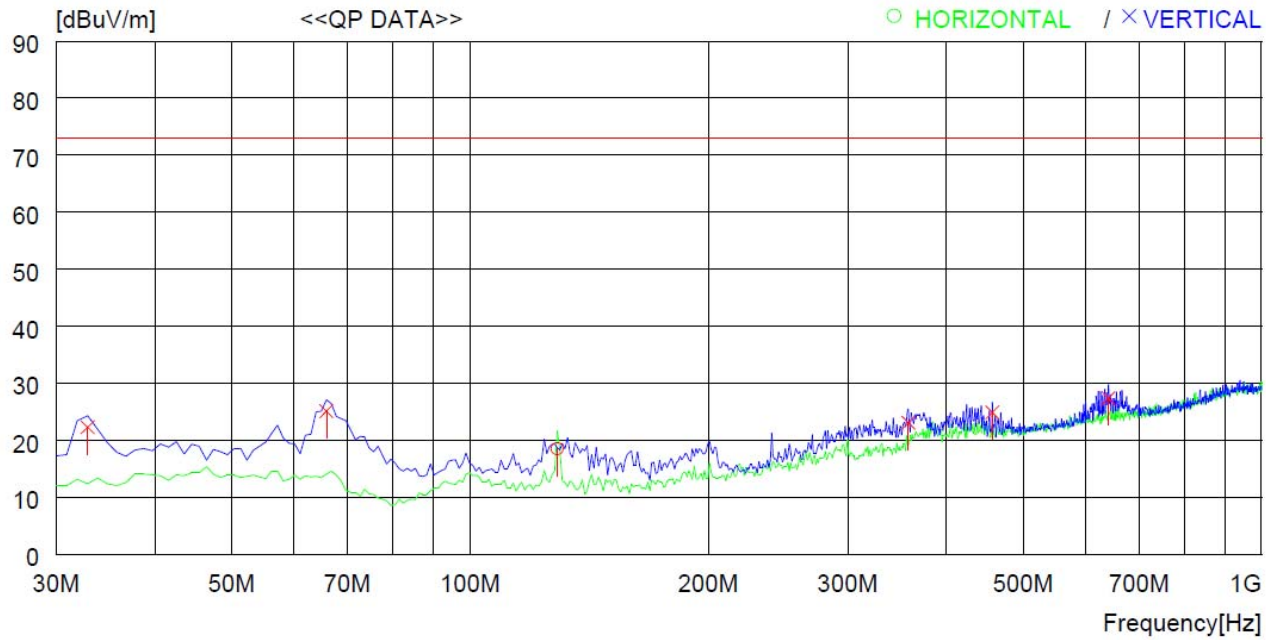
Cooking Areas 1			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	128.940	33.1	9.2	4.4	28.2	18.5	73.1	54.6	400	0
----- Vertical ------										
2	32.910	36.0	12.5	2.2	28.4	22.3	73.1	50.8	300	0
3	65.890	39.0	11.3	3.1	28.3	25.1	73.1	48.0	300	0
4	357.860	28.4	14.9	7.5	27.7	23.1	73.1	50.0	400	5
5	456.801	27.5	16.8	8.6	28.0	24.9	73.1	48.2	300	0
6	640.127	26.3	19.3	10.7	28.9	27.4	73.1	45.7	200	84

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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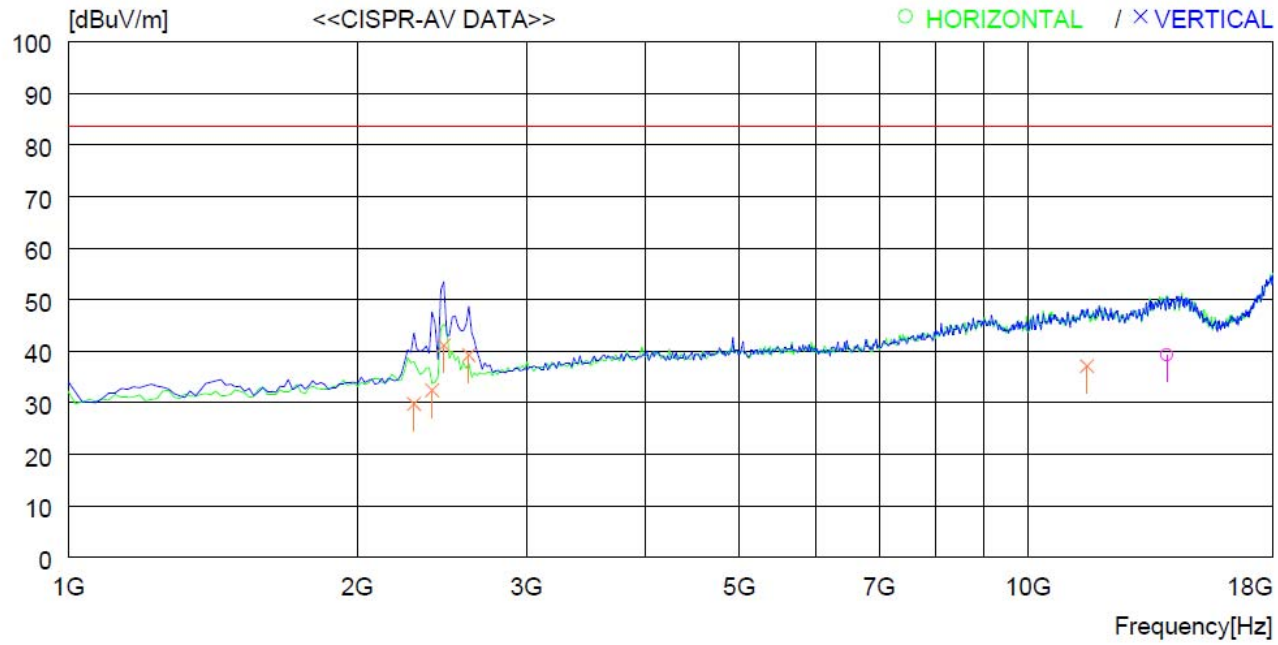
Cooking Areas 1			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	13954.000	31.4	41.4	8.7	42.2	39.3	83.5	44.2	100	25
----- Vertical ------										
2	2292.000	41.2	27.9	3.4	42.7	29.8	83.5	53.7	100	149
3	2394.000	43.5	28.1	3.5	42.7	32.4	83.5	51.1	100	107
4	2462.000	52.2	28.2	3.5	42.8	41.1	83.5	42.4	100	99
5	2615.000	49.8	28.7	3.6	42.9	39.2	83.5	44.3	100	359
6	11523.000	32.5	39.0	8.1	42.5	37.1	83.5	46.4	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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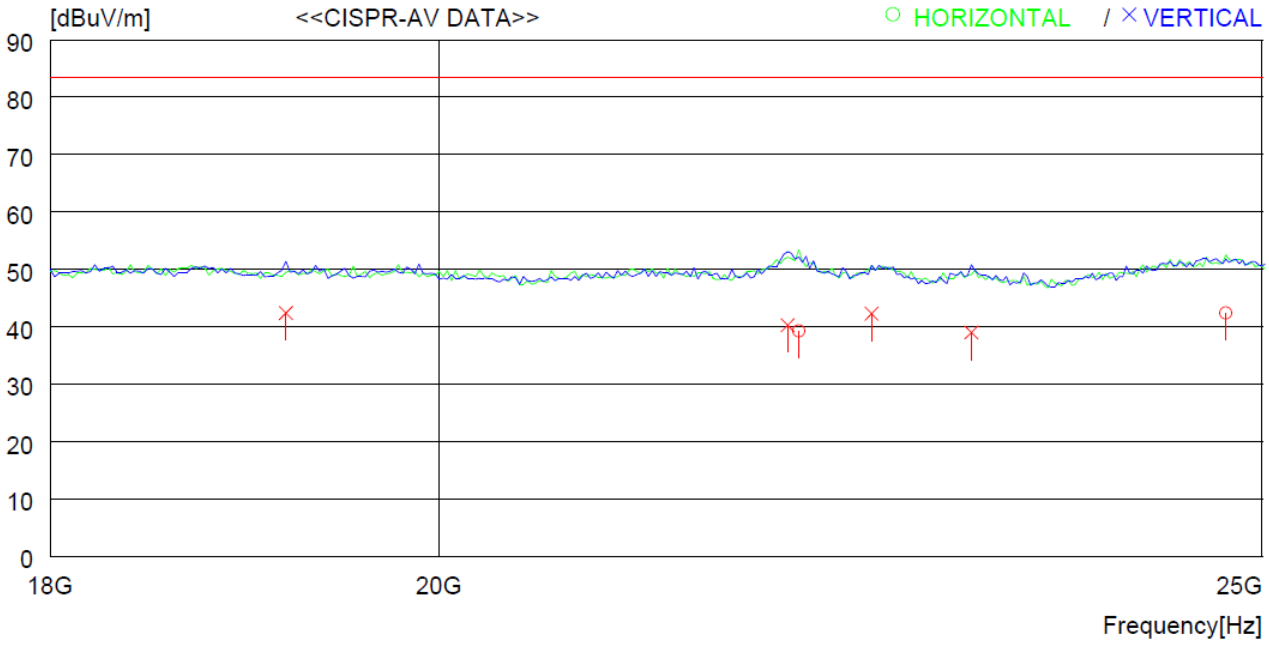
Cooking Areas 1			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal ------										
1	22048.000	30.5	40.2	11.5	42.9	39.3	83.5	44.2	300	1
2	24754.000	33.3	40.3	11.8	43.0	42.4	83.5	41.1	200	0
----- Vertical ------										
3	19188.000	32.4	40.3	10.4	40.7	42.4	83.5	41.1	100	359
4	21982.000	31.5	40.2	11.5	42.9	40.3	83.5	43.2	100	137
5	22488.000	34.2	40.1	11.0	43.0	42.3	83.5	41.2	200	359
6	23104.000	31.0	40.1	11.0	43.1	39.0	83.5	44.5	300	359

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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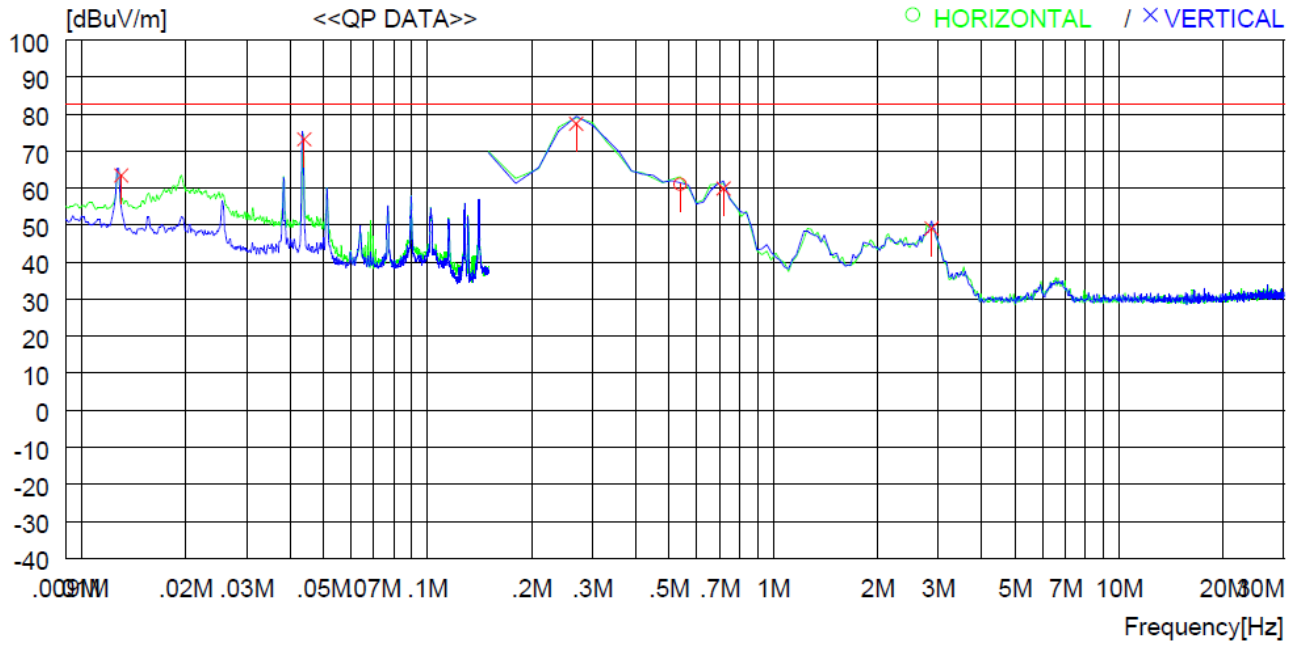
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.538	41.8	18.9	0.4	0.0	61.1	82.6	21.5	100	0
----- Vertical ------										
2	0.013	44.2	19.0	0.2	0.0	63.4	82.6	19.2	100	359
3	0.044	53.9	19.0	0.3	0.0	73.2	82.6	9.4	100	67
4	0.269	58.1	19.0	0.3	0.0	77.4	82.6	5.2	100	224
5	0.717	40.6	18.9	0.4	0.0	59.9	82.6	22.7	100	90
6	2.866	29.5	19.0	0.7	0.0	49.2	82.6	33.4	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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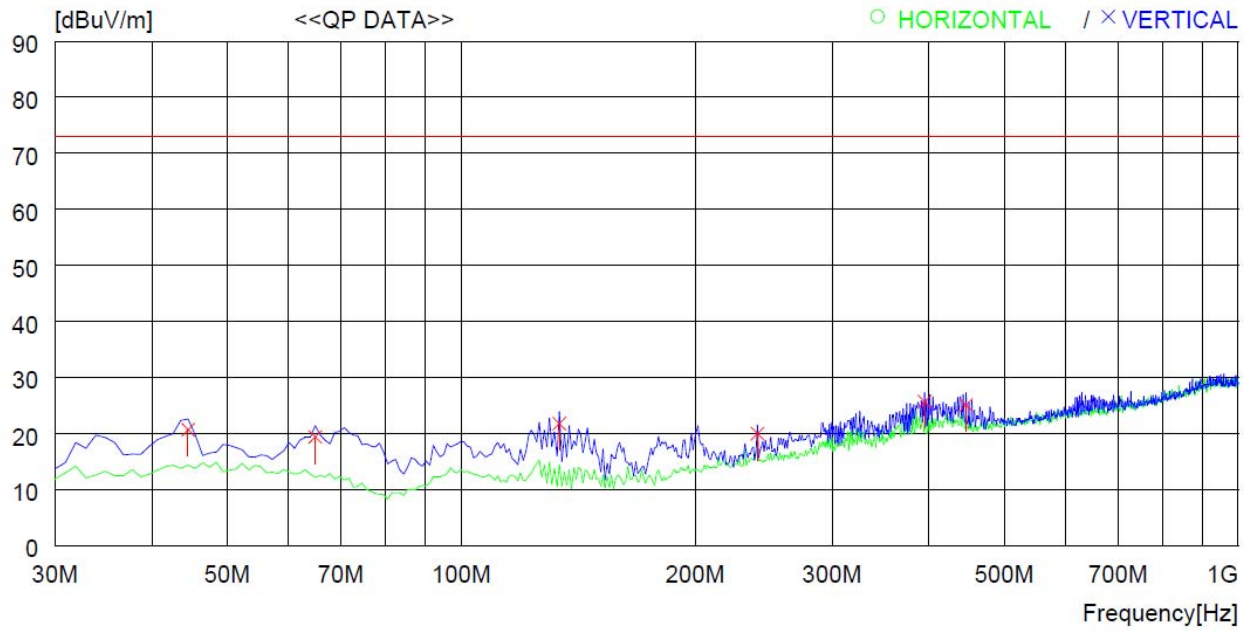
Cooking Areas 2			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	44.550	32.4	14.1	2.6	28.4	20.7	73.1	52.4	300	142
2	64.920	33.0	11.6	3.1	28.3	19.4	73.1	53.7	200	2
3	133.790	36.7	8.8	4.5	28.2	21.8	73.1	51.3	100	0
4	240.490	29.7	12.3	6.0	28.0	20.0	73.1	53.1	100	0
5	394.720	29.5	15.9	8.0	27.7	25.7	73.1	47.4	300	44
6	446.131	27.8	16.6	8.6	27.9	25.1	73.1	48.0	300	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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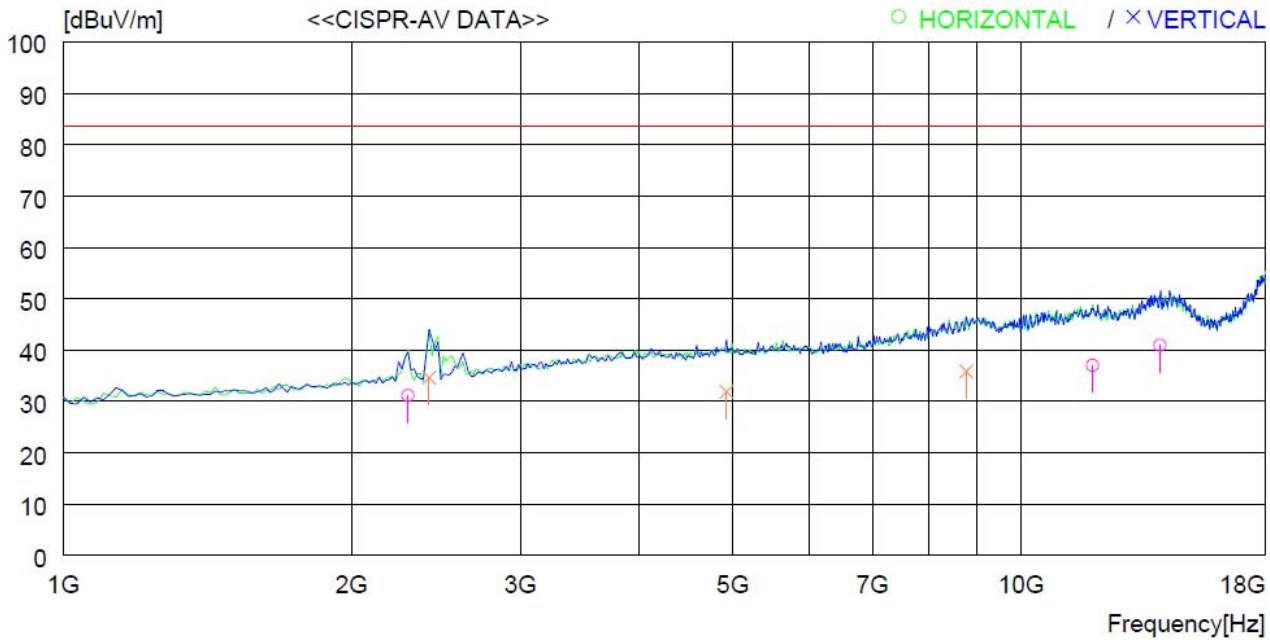
Cooking Areas 2			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2292.000	42.5	27.9	3.4	42.7	31.1	83.5	52.4	400	359
2	11880.000	32.5	39.2	8.3	43.0	37.0	83.5	46.5	100	0
3	13971.000	33.0	41.4	8.7	42.2	40.9	83.5	42.6	100	359
----- Vertical ------										
4	2411.000	45.7	28.1	3.5	42.7	34.6	83.5	48.9	200	0
5	4927.000	36.6	33.2	5.1	43.0	31.9	83.5	51.6	100	174
6	8769.000	32.7	38.5	6.8	42.2	35.8	83.5	47.7	300	173

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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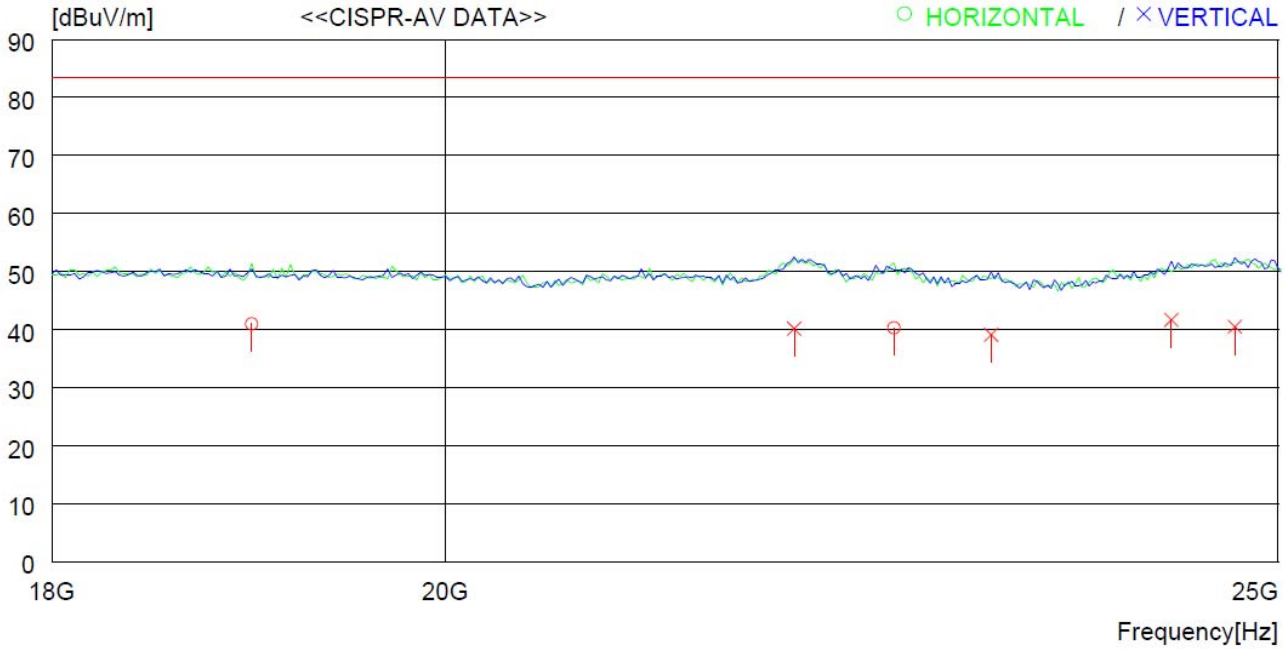
Cooking Areas 2			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal ------										
1	18990.000	30.7	40.3	10.4	40.4	41.0	83.5	42.5	400	0
2	22554.000	32.2	40.1	11.0	43.0	40.3	83.5	43.2	300	132
----- Vertical ------										
3	21960.000	31.4	40.2	11.5	42.9	40.2	83.5	43.3	100	359
4	23148.000	31.1	40.1	11.0	43.1	39.1	83.5	44.4	200	146
5	24292.000	32.8	40.2	11.8	43.1	41.7	83.5	41.8	100	123
6	24710.000	31.6	40.2	11.8	43.1	40.5	83.5	43.0	100	358

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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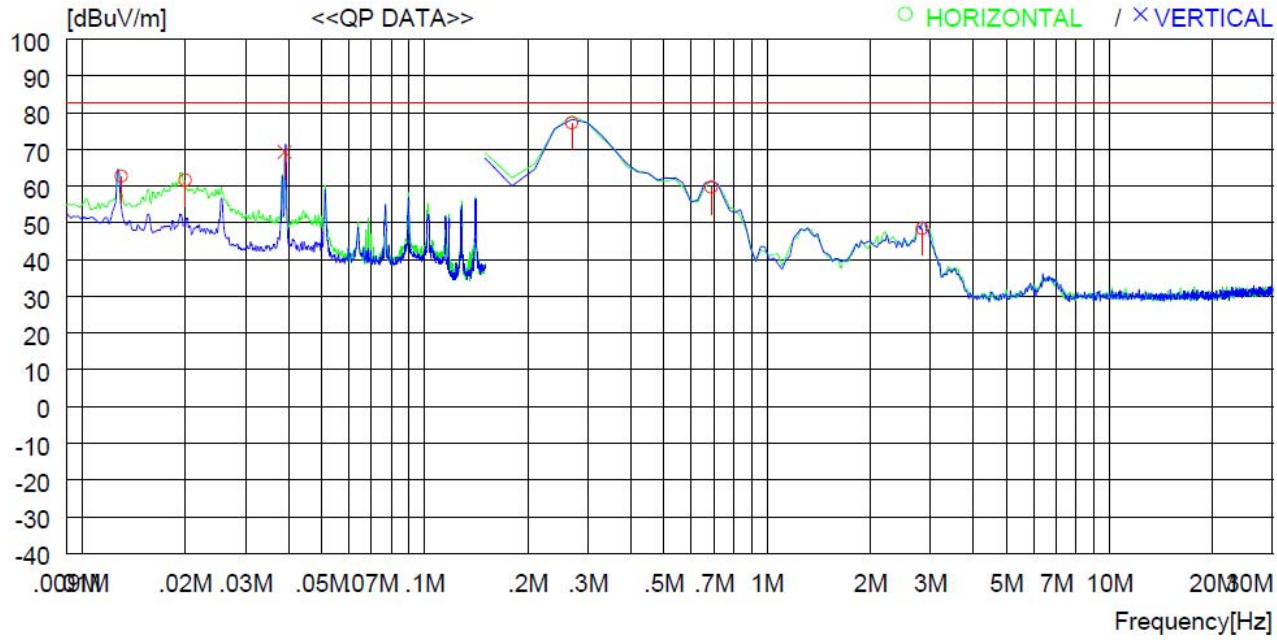
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.013	43.5	19.0	0.2	0.0	62.7	82.6	19.9	100	73
2	0.020	42.4	19.0	0.3	0.0	61.7	82.6	20.9	100	359
3	0.269	57.9	19.0	0.3	0.0	77.2	82.6	5.4	100	0
4	0.687	40.4	18.9	0.4	0.0	59.7	82.6	22.9	100	0
5	2.837	28.8	19.0	0.7	0.0	48.5	82.6	34.1	100	1
----- Vertical ------										
6	0.039	50.0	19.0	0.3	0.0	69.3	82.6	13.3	100	20

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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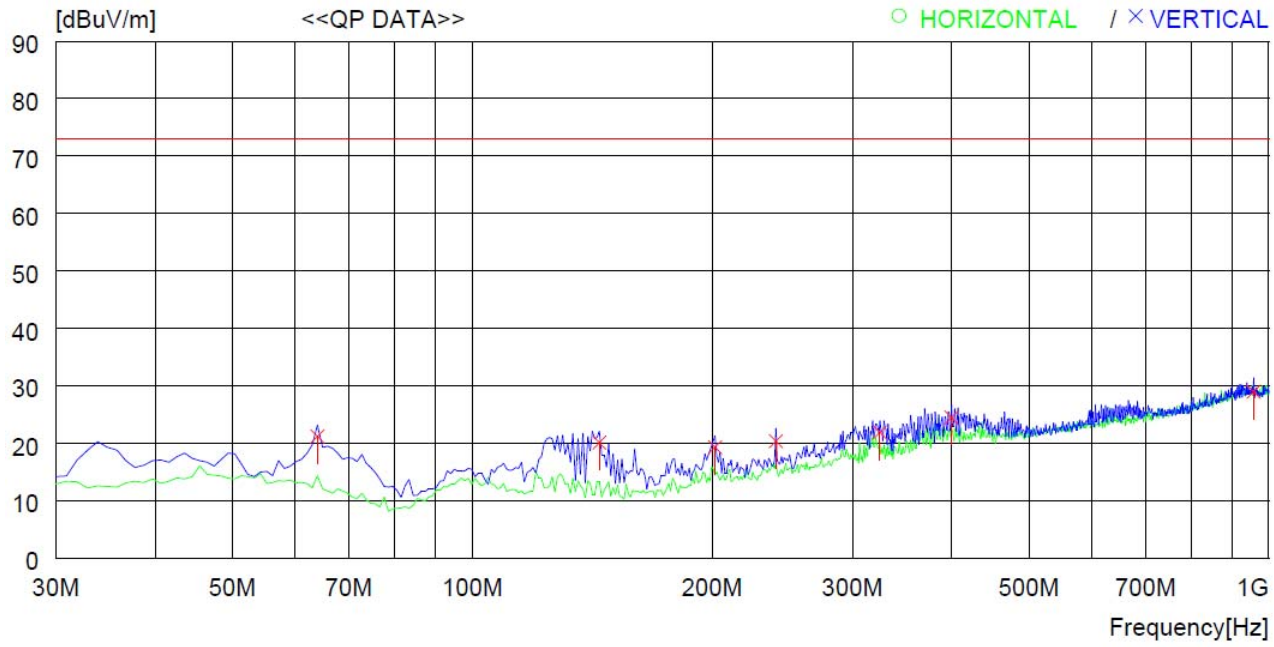
Cooking Areas 3			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	63.950	34.5	11.9	3.1	28.3	21.2	73.1	51.9	100	32
2	144.460	35.2	8.4	4.7	28.2	20.1	73.1	53.0	100	0
3	201.690	31.2	10.8	5.5	28.2	19.3	73.1	53.8	100	0
4	240.490	30.1	12.3	6.0	28.0	20.4	73.1	52.7	100	0
5	324.880	28.4	14.1	7.1	27.7	21.9	73.1	51.2	400	288
6	399.570	28.1	16.0	8.1	27.7	24.5	73.1	48.6	300	0
7	956.337	22.2	22.3	12.5	28.0	29.0	73.1	44.1	300	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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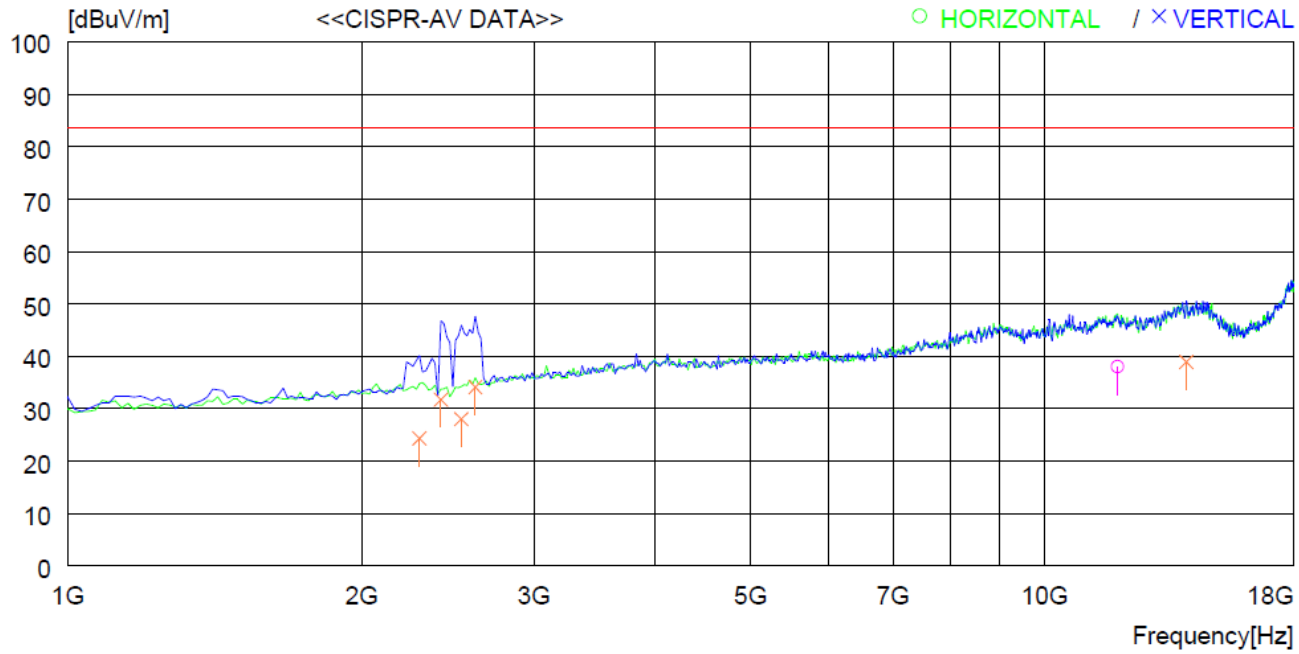
Cooking Areas 3			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	11880.000	33.5	39.2	8.3	43.0	38.0	83.5	45.5	100	359
----- Vertical ------										
2	2292.000	35.7	27.9	3.4	42.7	24.3	83.5	59.2	100	131
3	2411.000	42.8	28.1	3.5	42.7	31.7	83.5	51.8	200	114
4	2530.000	38.8	28.4	3.6	42.8	28.0	83.5	55.5	200	0
5	2615.000	44.7	28.7	3.6	42.9	34.1	83.5	49.4	200	0
6	13971.000	31.0	41.4	8.7	42.2	38.9	83.5	44.6	300	286

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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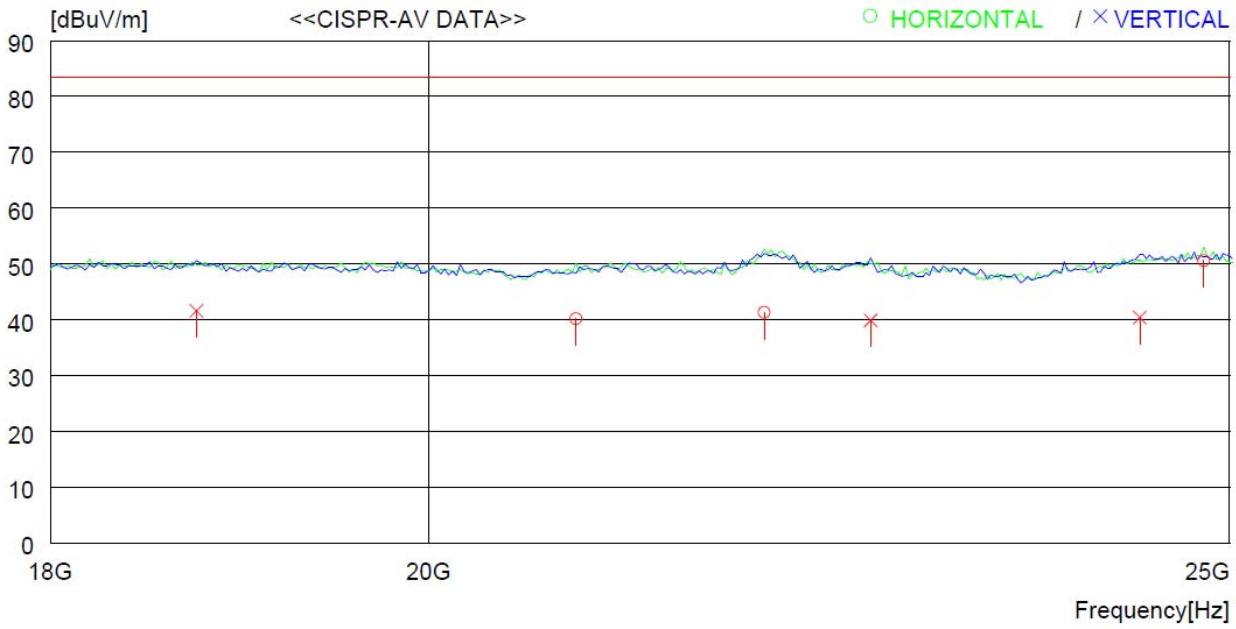
Cooking Areas 3			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20838.000	30.4	40.2	11.8	42.2	40.2	83.5	43.3	300	0
2	21960.000	32.5	40.2	11.5	42.9	41.3	83.5	42.2	300	75
3	24820.000	41.5	40.3	11.8	43.0	50.6	83.5	32.9	400	6
----- Vertical ------										
4	18748.000	30.9	40.4	10.3	40.0	41.6	83.5	41.9	100	205
5	22620.000	31.8	40.1	11.0	43.0	39.9	83.5	43.6	200	359
6	24380.000	31.5	40.2	11.8	43.1	40.4	83.5	43.1	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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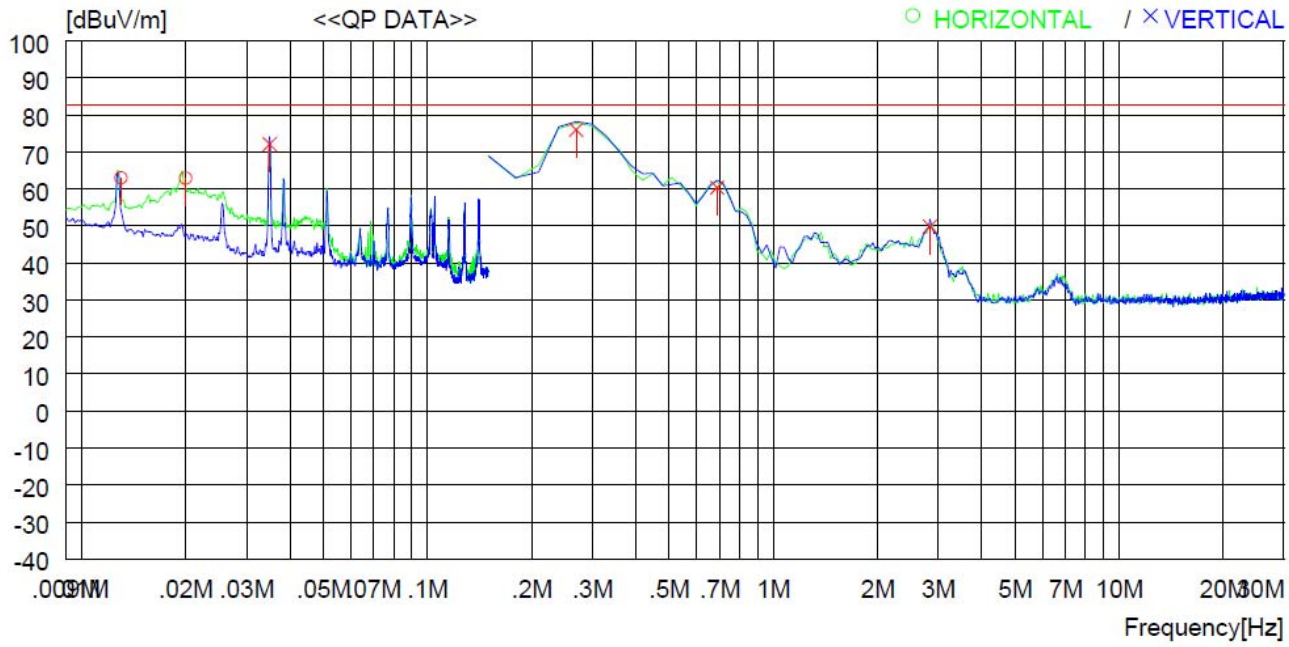
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.013	43.8	19.0	0.2	0.0	63.0	82.6	19.6	100	246
2	0.020	43.6	19.0	0.3	0.0	62.9	82.6	19.7	100	100
----- Vertical ------										
3	0.035	52.8	19.0	0.3	0.0	72.1	82.6	10.5	100	359
4	0.269	56.7	19.0	0.3	0.0	76.0	82.6	6.6	100	91
5	0.687	41.1	18.9	0.4	0.0	60.4	82.6	22.2	100	0
6	2.837	30.2	19.0	0.7	0.0	49.9	82.6	32.7	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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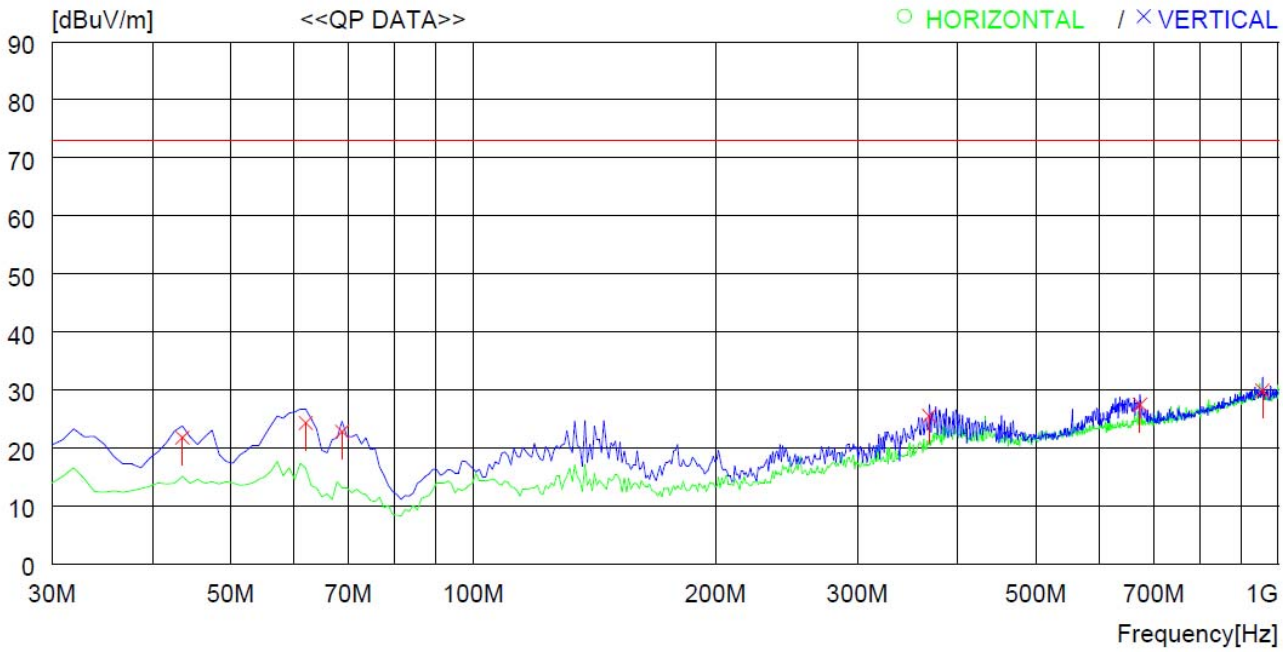
Cooking Areas 4			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	43.580	33.7	14.0	2.5	28.4	21.8	73.1	51.3	200	160
2	62.010	37.1	12.6	3.0	28.4	24.3	73.1	48.8	300	2
3	68.800	37.5	10.4	3.2	28.3	22.8	73.1	50.3	300	0
4	368.530	30.3	15.2	7.7	27.7	25.5	73.1	47.6	400	52
5	673.106	26.0	19.4	11.0	28.9	27.5	73.1	45.6	200	329
6	955.367	23.1	22.3	12.5	28.0	29.9	73.1	43.2	300	0

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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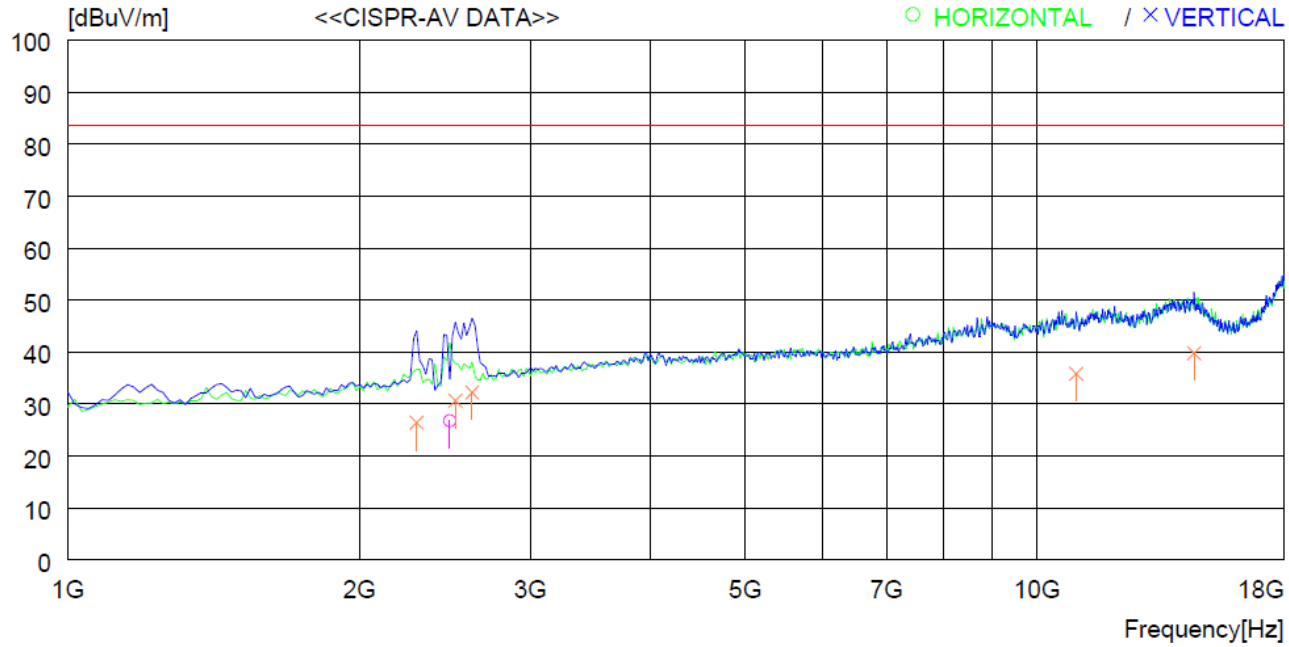
Cooking Areas 4			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2479.000	37.8	28.3	3.5	42.8	26.8	83.5	56.7	100	99
----- Vertical ------										
2	2292.000	37.8	27.9	3.4	42.7	26.4	83.5	57.1	100	359
3	2513.000	41.5	28.3	3.6	42.8	30.6	83.5	52.9	100	359
4	2615.000	42.8	28.7	3.6	42.9	32.2	83.5	51.3	100	132
5	10979.000	31.6	38.3	7.8	41.9	35.8	83.5	47.7	100	359
6	14532.000	31.1	42.1	8.9	42.3	39.8	83.5	43.7	100	50

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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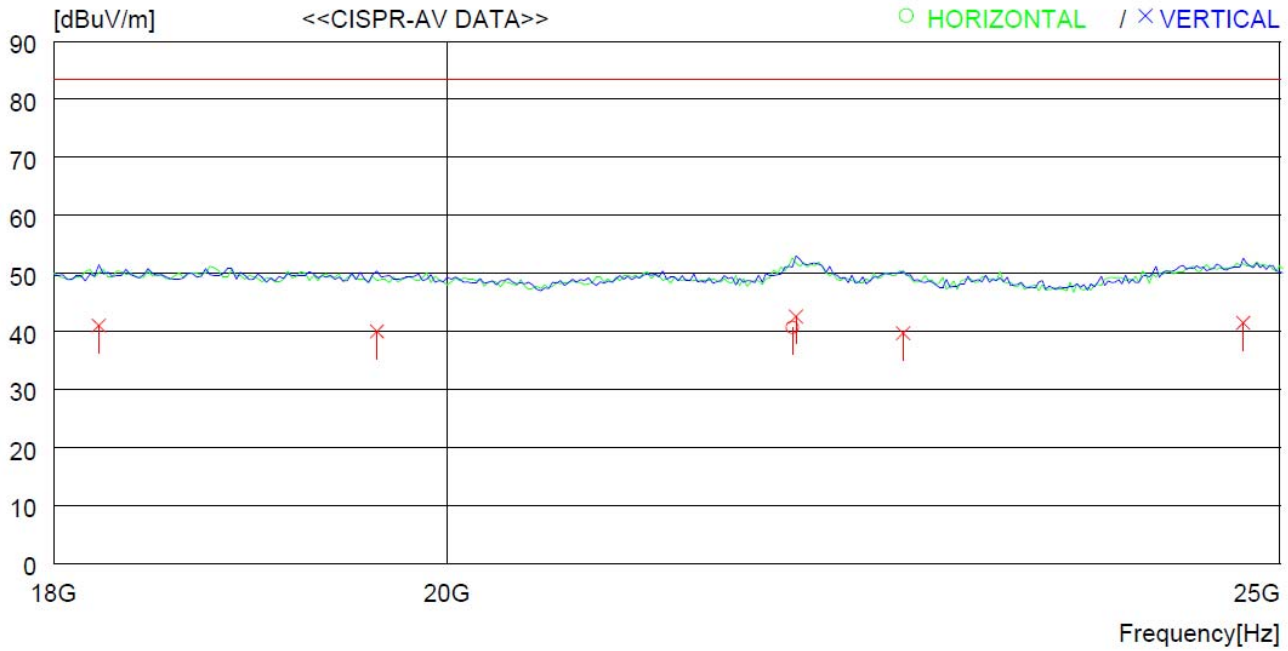
Cooking Areas 4			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	21938.000	32.0	40.2	11.4	42.9	40.7	83.5	42.8	300	327
----- Vertical ------										
2	18220.000	30.0	40.3	10.3	39.6	41.0	83.5	42.5	100	359
3	19628.000	30.5	40.2	10.6	41.3	40.0	83.5	43.5	100	359
4	21960.000	33.8	40.2	11.5	42.9	42.6	83.5	40.9	100	359
5	22598.000	31.6	40.1	11.0	43.0	39.7	83.5	43.8	200	47
6	24754.000	32.4	40.3	11.8	43.0	41.5	83.5	42.0	100	336

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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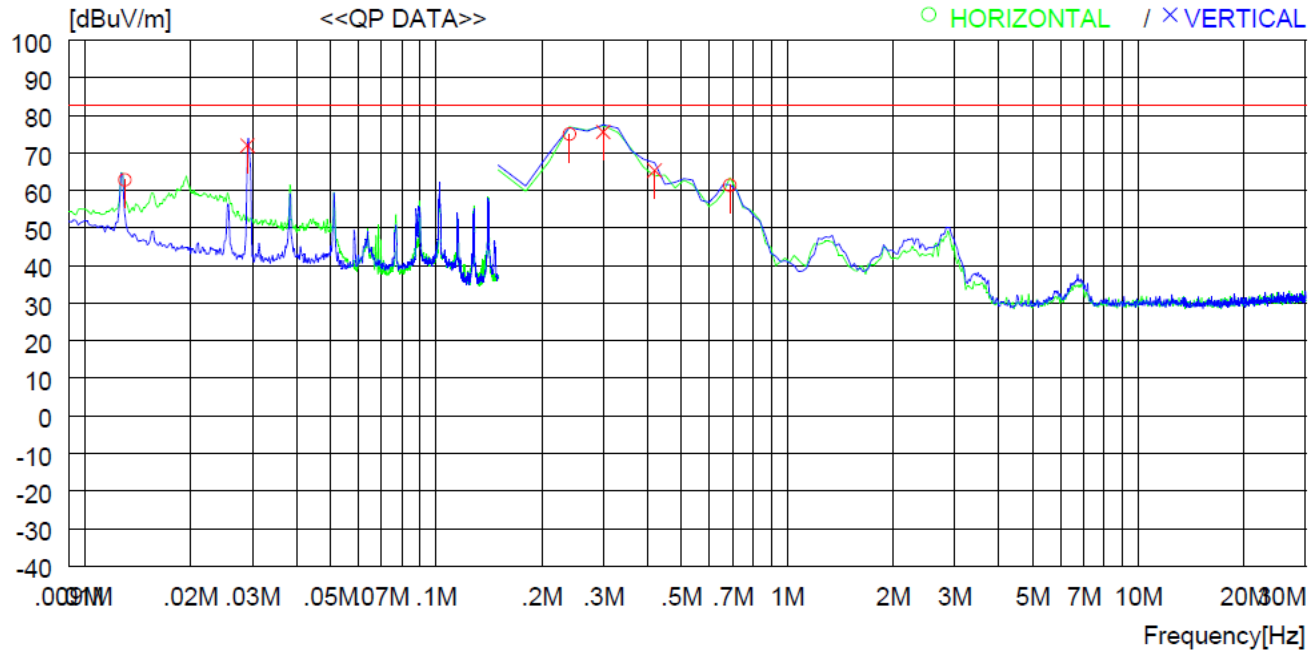
5.2.6.2 Operating Condition: AC 240 V / 60 Hz

-. Test Result : Pass

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.013	43.6	19.0	0.2	0.0	62.8	82.6	19.8	100	359
2	0.240	55.7	19.0	0.3	0.0	75.0	82.6	7.6	100	123
3	0.687	42.1	18.9	0.4	0.0	61.4	82.6	21.2	100	73
----- Vertical ------										
4	0.029	52.7	19.0	0.3	0.0	72.0	82.6	10.6	100	359
5	0.299	56.3	19.0	0.3	0.0	75.6	82.6	7.0	100	0
6	0.419	46.1	18.9	0.4	0.0	65.4	82.6	17.2	100	92

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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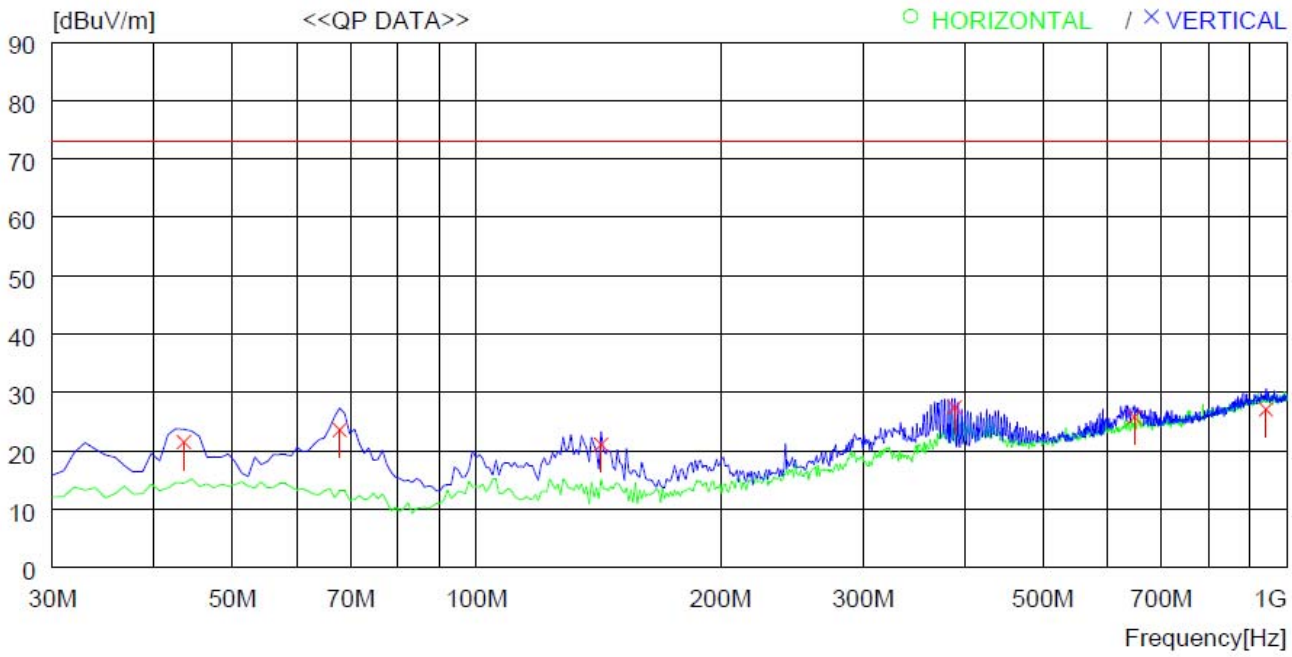
Cooking Areas 1			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	43.580	33.4	14.0	2.5	28.4	21.5	73.1	51.6	300	0
2	67.830	38.0	10.7	3.2	28.3	23.6	73.1	49.5	300	346
3	142.520	36.2	8.4	4.7	28.2	21.1	73.1	52.0	100	0
4	388.900	31.5	15.7	8.0	27.7	27.5	73.1	45.6	300	40
5	647.887	24.7	19.3	10.7	28.9	25.8	73.1	47.3	200	345
6	941.788	20.4	22.3	12.5	28.1	27.1	73.1	46.0	200	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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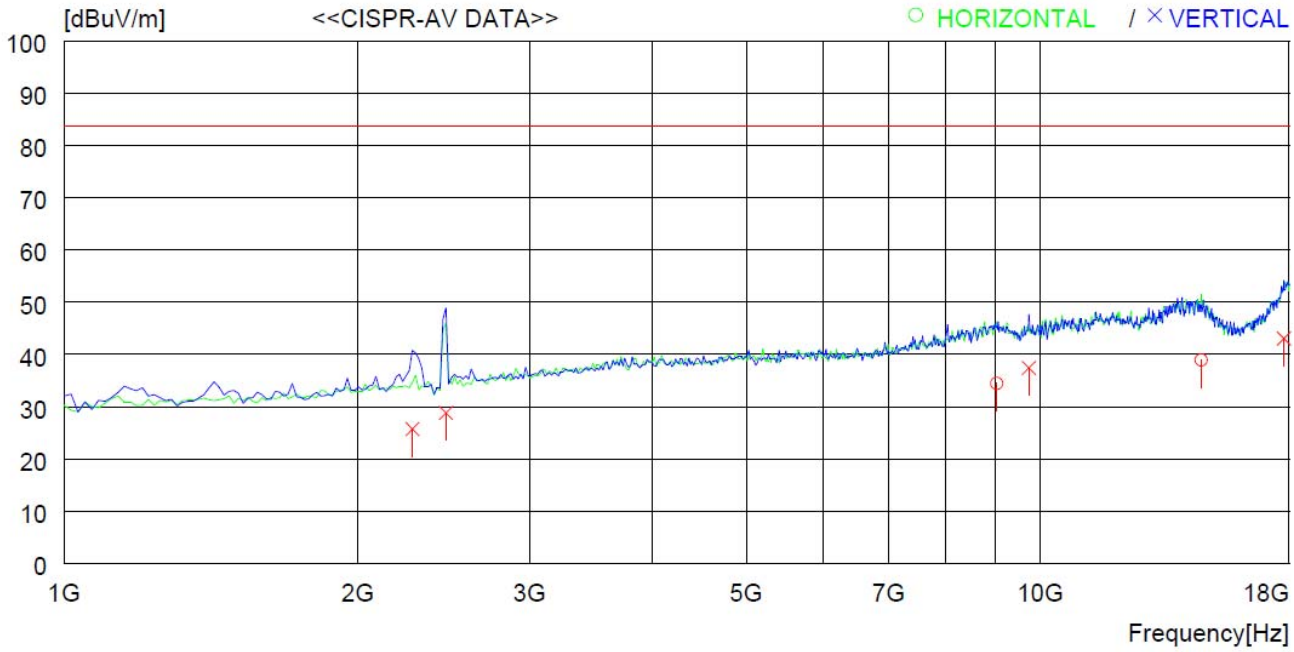
Cooking Areas 1			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal ------										
1	9024.000	31.0	38.6	6.9	42.1	34.4	83.5	49.1	100	359
2	14617.000	30.5	41.8	8.9	42.3	38.9	83.5	44.6	100	359
----- Vertical ------										
3	2275.000	37.1	27.9	3.4	42.7	25.7	83.5	57.8	100	0
4	2462.000	39.9	28.2	3.5	42.8	28.8	83.5	54.7	100	67
5	9738.000	35.2	38.1	7.1	43.0	37.4	83.5	46.1	100	0
6	17762.000	30.2	46.1	10.1	43.4	43.0	83.5	40.5	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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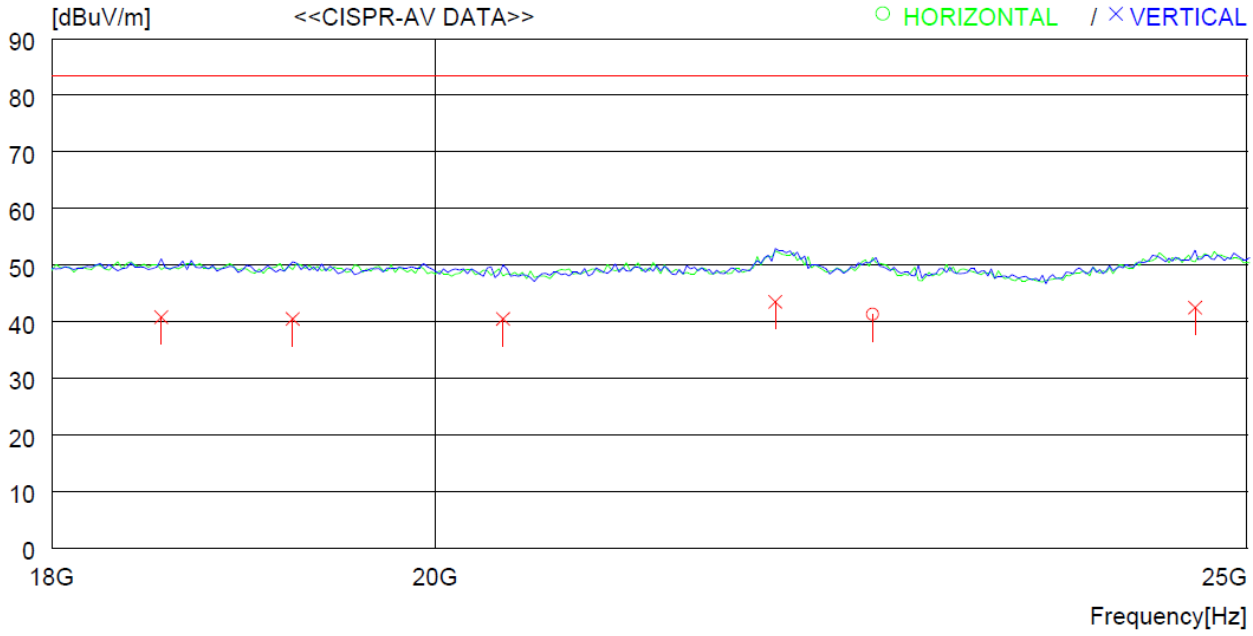
Cooking Areas 1			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	22554.000	33.2	40.1	11.0	43.0	41.3	83.5	42.2	300	0
----- Vertical ------										
2	18550.000	30.0	40.4	10.2	39.8	40.8	83.5	42.7	100	340
3	19232.000	30.5	40.3	10.4	40.7	40.5	83.5	43.0	200	0
4	20376.000	31.5	40.2	10.8	42.0	40.5	83.5	43.0	100	359
5	21960.000	34.7	40.2	11.5	42.9	43.5	83.5	40.0	100	9
6	24644.000	33.6	40.2	11.8	43.1	42.5	83.5	41.0	100	128

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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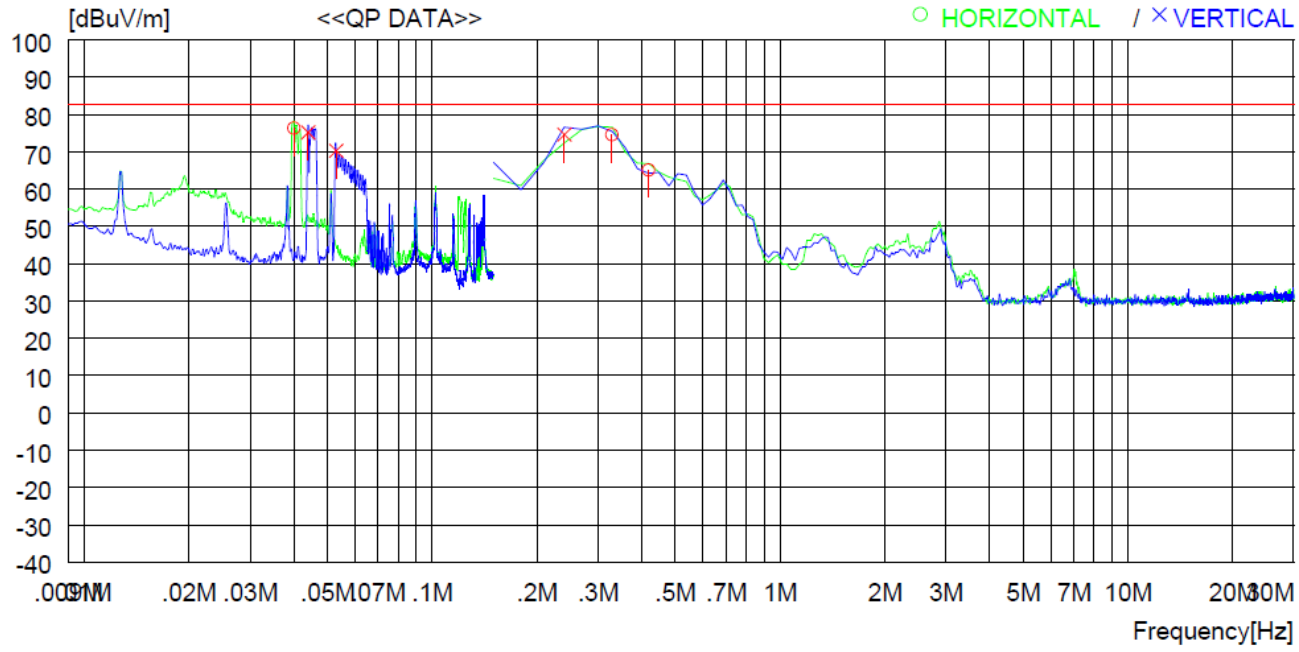
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.040	57.0	19.0	0.3	0.0	76.3	82.6	6.3	100	337
2	0.329	55.3	19.0	0.3	0.0	74.6	82.6	8.0	100	0
3	0.419	45.8	18.9	0.4	0.0	65.1	82.6	17.5	100	15
----- Vertical ------										
4	0.044	55.9	19.0	0.3	0.0	75.2	82.6	7.4	100	68
5	0.240	55.3	19.0	0.3	0.0	74.6	82.6	8.0	100	0
6	0.053	51.0	19.0	0.3	0.0	70.3	82.6	12.3	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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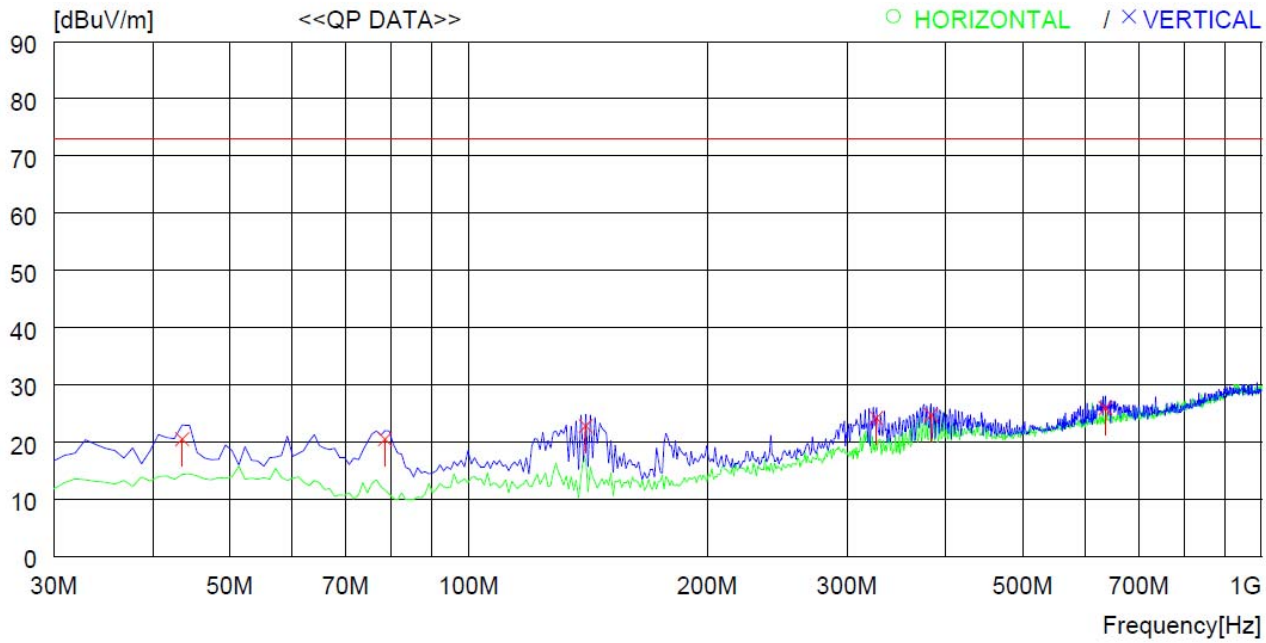
Cooking Areas 2			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	43.580	32.4	14.0	2.5	28.4	20.5	73.1	52.6	300	0
2	78.500	37.5	7.9	3.4	28.3	20.5	73.1	52.6	200	0
3	140.580	38.1	8.3	4.6	28.2	22.8	73.1	50.3	100	113
4	326.820	30.5	14.2	7.2	27.7	24.2	73.1	48.9	400	60
5	383.080	28.9	15.6	7.9	27.7	24.7	73.1	48.4	400	177
6	635.277	25.0	19.2	10.6	28.9	25.9	73.1	47.2	200	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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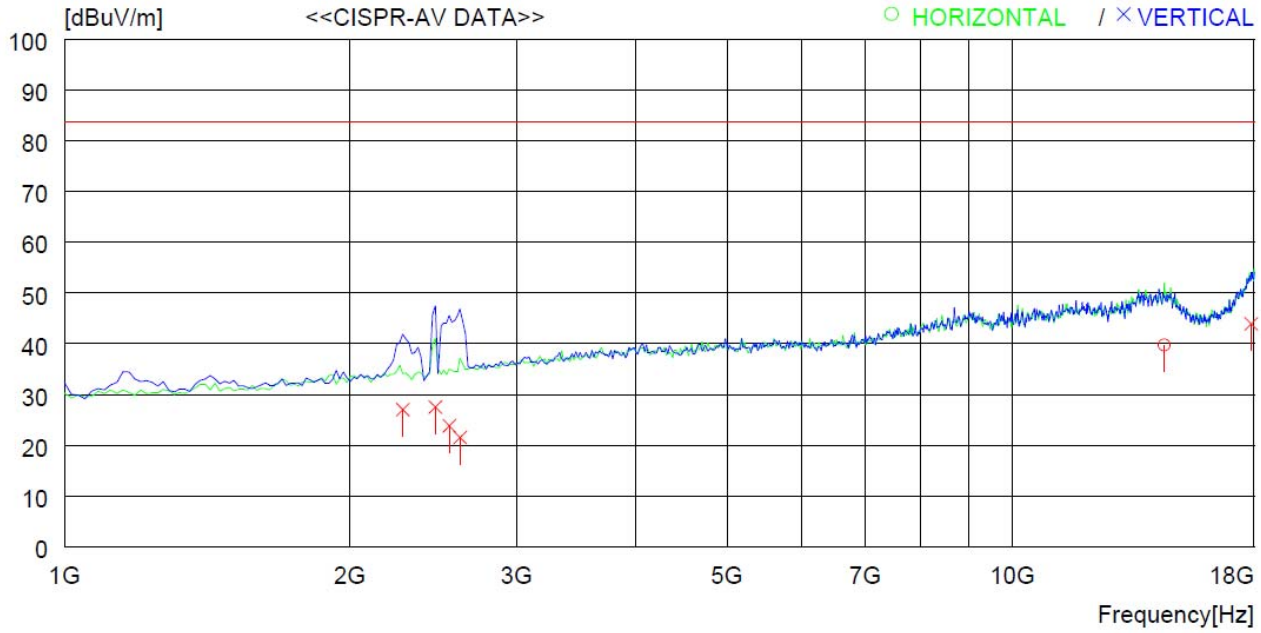
Cooking Areas 2			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	14464.000	31.0	42.1	8.8	42.2	39.7	83.5	43.8	400	0
----- Vertical ------										
2	2275.000	38.4	27.9	3.4	42.7	27.0	83.5	56.5	100	359
3	2462.000	38.6	28.2	3.5	42.8	27.5	83.5	56.0	200	359
4	2547.000	34.5	28.5	3.6	42.8	23.8	83.5	59.7	300	359
5	2615.000	32.1	28.7	3.6	42.9	21.5	83.5	62.0	100	138
6	17864.000	30.2	46.9	10.1	43.3	43.9	83.5	39.6	200	359

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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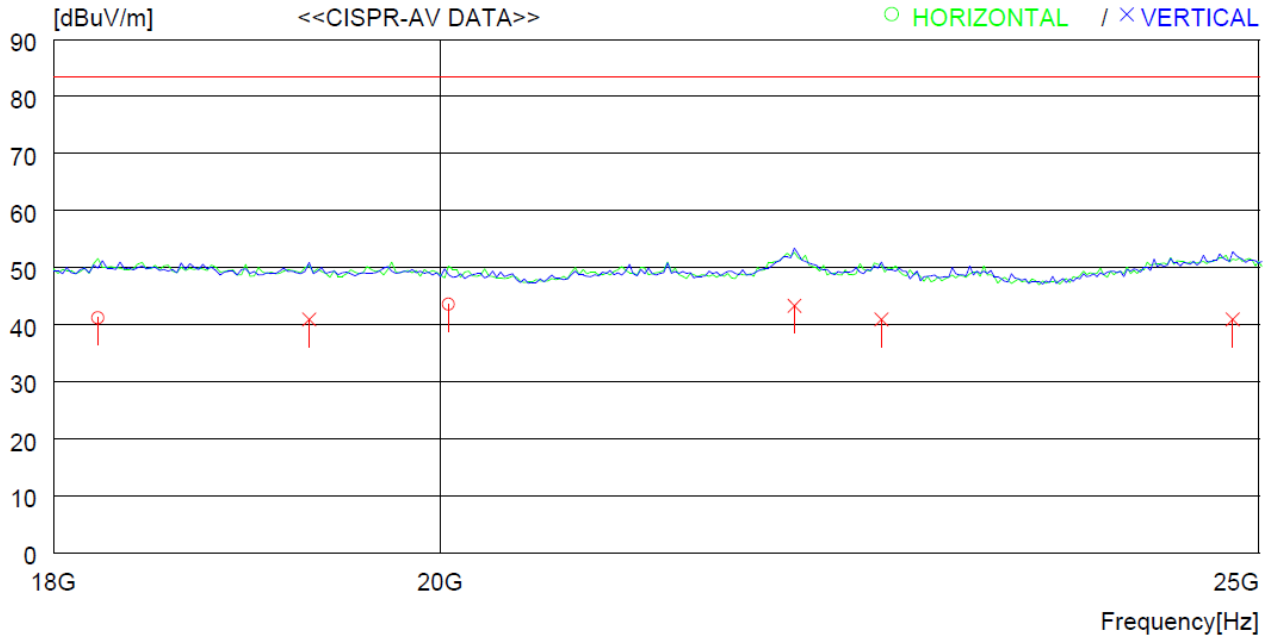
Cooking Areas 2			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal ------										
1	18220.000	30.2	40.3	10.3	39.6	41.2	83.5	42.3	400	81
2	20046.000	34.0	40.3	11.0	41.7	43.6	83.5	39.9	300	262
----- Vertical ------										
3	19298.000	31.1	40.2	10.4	40.8	40.9	83.5	42.6	100	319
4	22026.000	34.5	40.2	11.5	42.9	43.3	83.5	40.2	200	130
5	22554.000	32.8	40.1	11.0	43.0	40.9	83.5	42.6	100	359
6	24820.000	31.8	40.3	11.8	43.0	40.9	83.5	42.6	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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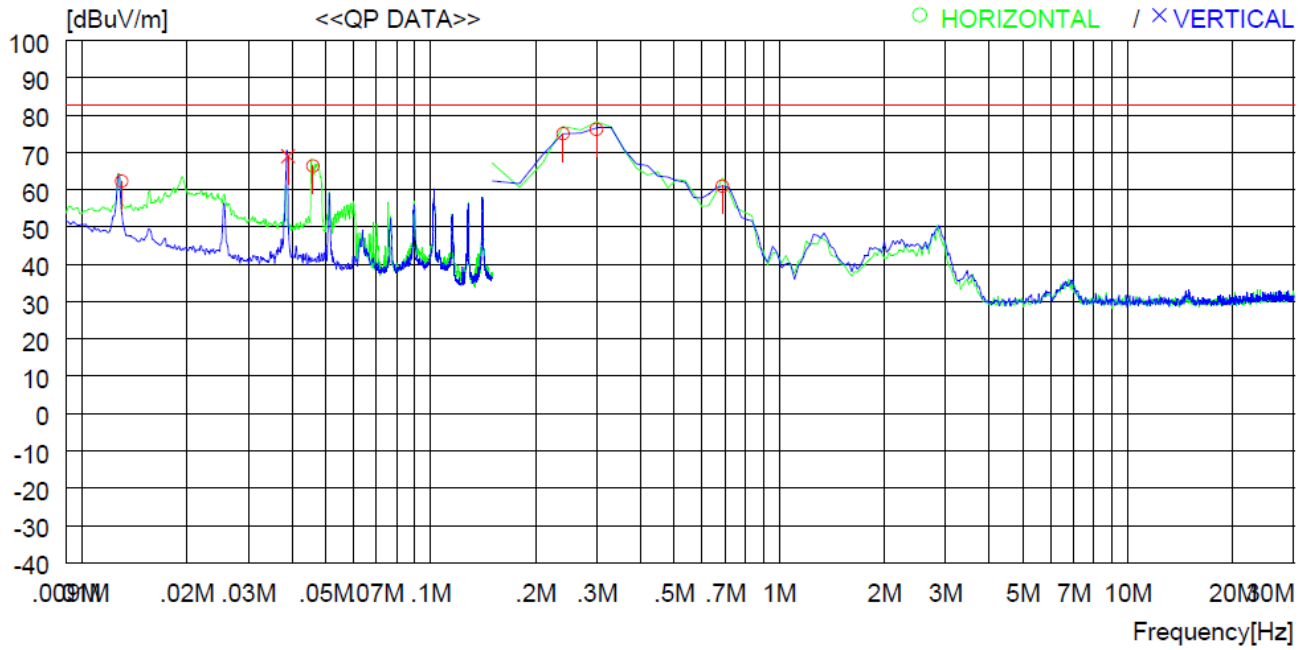
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	0.013	43.1	19.0	0.2	0.0	62.3	82.6	20.3	100	320
2	0.046	47.1	19.0	0.3	0.0	66.4	82.6	16.2	100	359
3	0.240	55.7	19.0	0.3	0.0	75.0	82.6	7.6	100	1
4	0.299	56.9	19.0	0.3	0.0	76.2	82.6	6.4	100	352
5	0.687	41.7	18.9	0.4	0.0	61.0	82.6	21.6	100	0
----- Vertical ------										
6	0.039	49.7	19.0	0.3	0.0	69.0	82.6	13.6	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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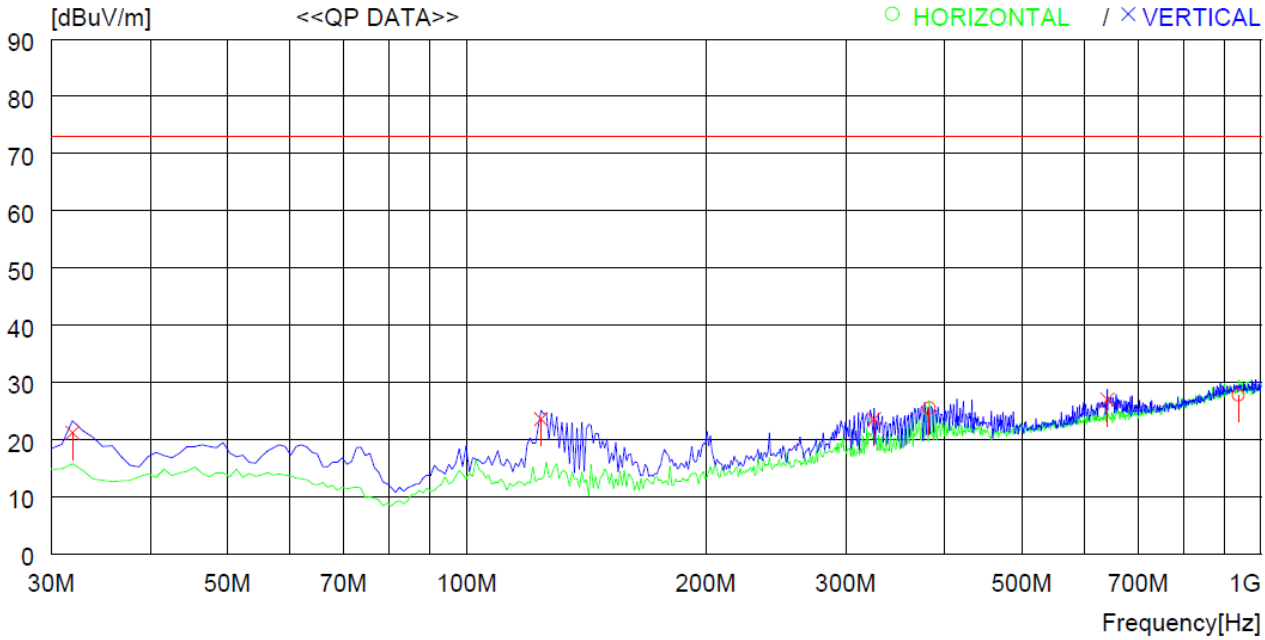
Cooking Areas 3			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	382.110	29.7	15.6	7.9	27.7	25.5	73.1	47.6	200	0
2	935.968	21.3	22.2	12.4	28.1	27.8	73.1	45.3	300	359
----- Vertical ------										
3	31.940	35.1	12.4	2.1	28.4	21.2	73.1	51.9	400	301
4	124.090	37.8	9.7	4.3	28.2	23.6	73.1	49.5	100	135
5	325.850	30.0	14.1	7.2	27.7	23.6	73.1	49.5	400	359
6	640.127	25.9	19.3	10.7	28.9	27.0	73.1	46.1	200	2

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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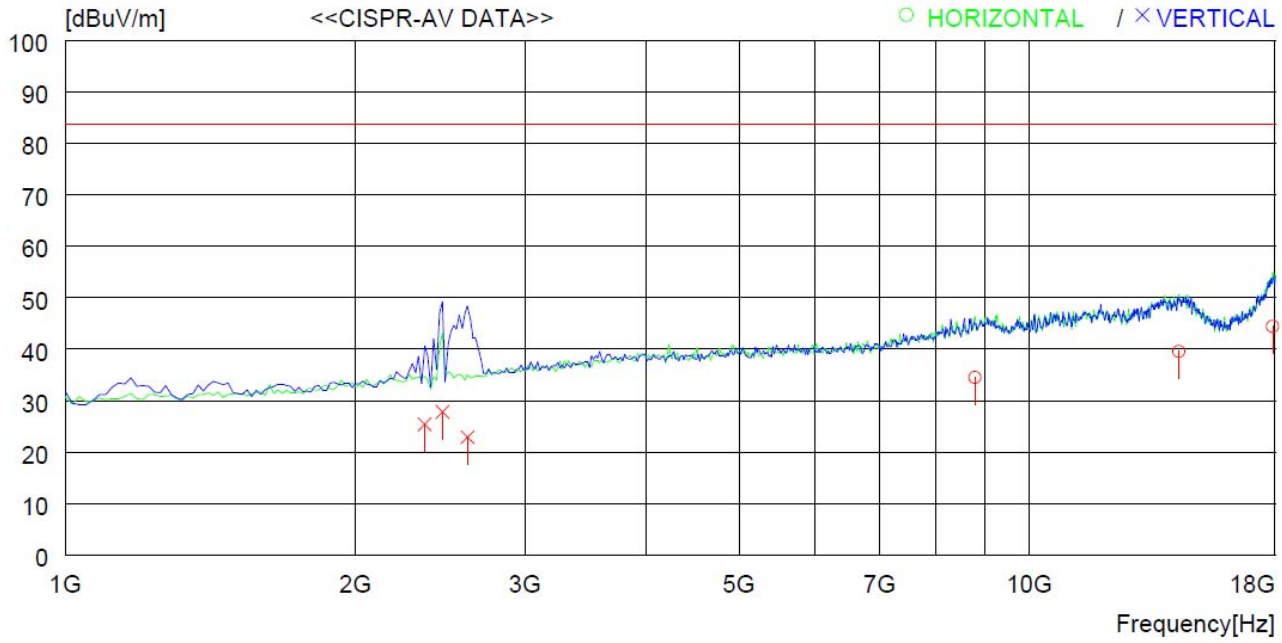
Cooking Areas 3			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	8786.000	31.4	38.5	6.8	42.2	34.5	83.5	49.0	400	302
2	14294.000	31.0	41.9	8.8	42.2	39.5	83.5	44.0	300	359
3	17881.000	30.5	47.0	10.2	43.3	44.4	83.5	39.1	300	359
----- Vertical ------										
4	2360.000	36.6	28.0	3.5	42.7	25.4	83.5	58.1	200	122
5	2462.000	38.9	28.2	3.5	42.8	27.8	83.5	55.7	100	122
6	2615.000	33.5	28.7	3.6	42.9	22.9	83.5	60.6	100	0

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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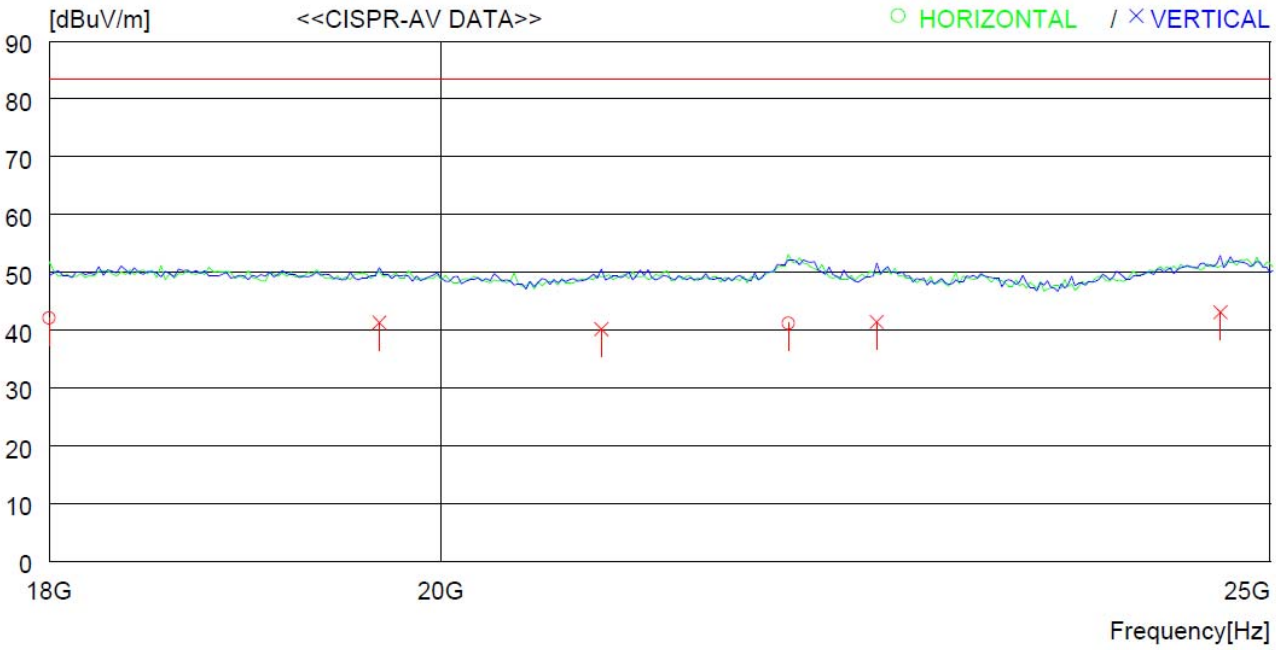
Cooking Areas 3			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	18000.000	31.2	40.2	10.3	39.6	42.1	83.5	41.4	300	0
2	21960.000	32.4	40.2	11.5	42.9	41.2	83.5	42.3	400	3
----- Vertical ------										
3	19672.000	31.8	40.2	10.6	41.3	41.3	83.5	42.2	200	154
4	20882.000	30.4	40.2	11.9	42.3	40.2	83.5	43.3	100	245
5	22488.000	33.3	40.1	11.0	43.0	41.4	83.5	42.1	200	359
6	24666.000	34.2	40.2	11.8	43.1	43.1	83.5	40.4	100	2

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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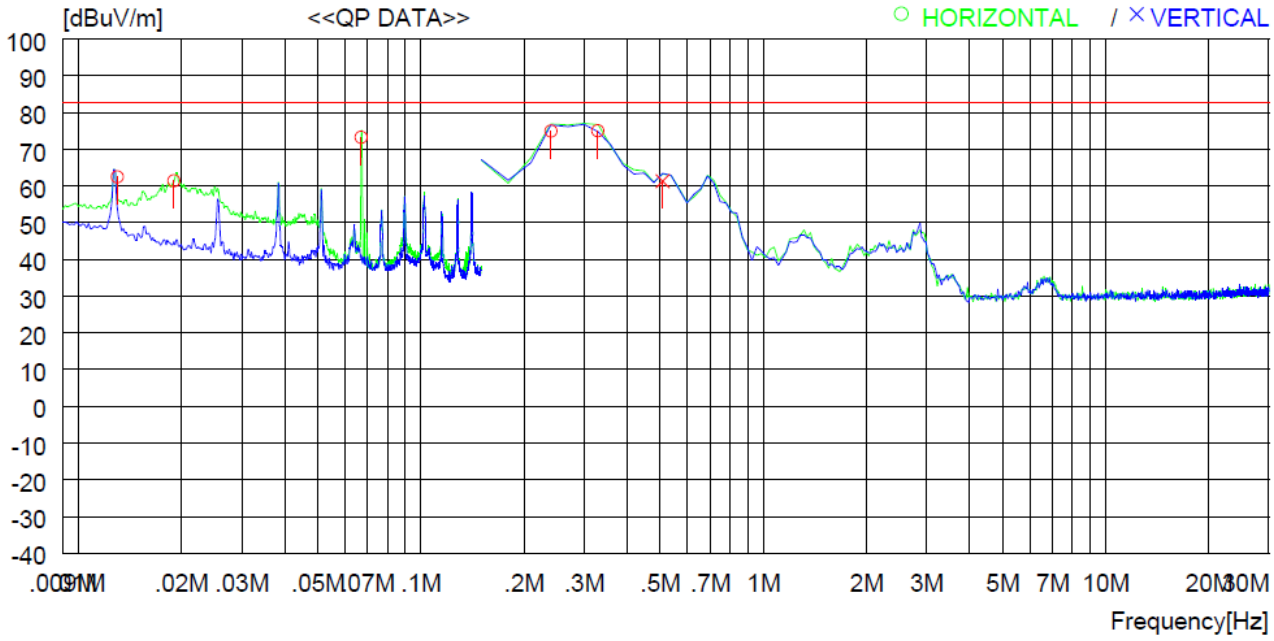
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ	READING QP	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal ------										
1	0.013	43.3	19.0	0.2	0.0	62.5	82.6	20.1	100	82
2	0.019	42.1	19.0	0.3	0.0	61.4	82.6	21.2	100	272
3	0.067	53.9	19.0	0.3	0.0	73.2	82.6	9.4	100	359
4	0.240	55.6	19.0	0.3	0.0	74.9	82.6	7.7	100	128
5	0.329	55.7	19.0	0.3	0.0	75.0	82.6	7.6	100	53
----- Vertical ------										
6	0.508	42.0	18.9	0.4	0.0	61.3	82.6	21.3	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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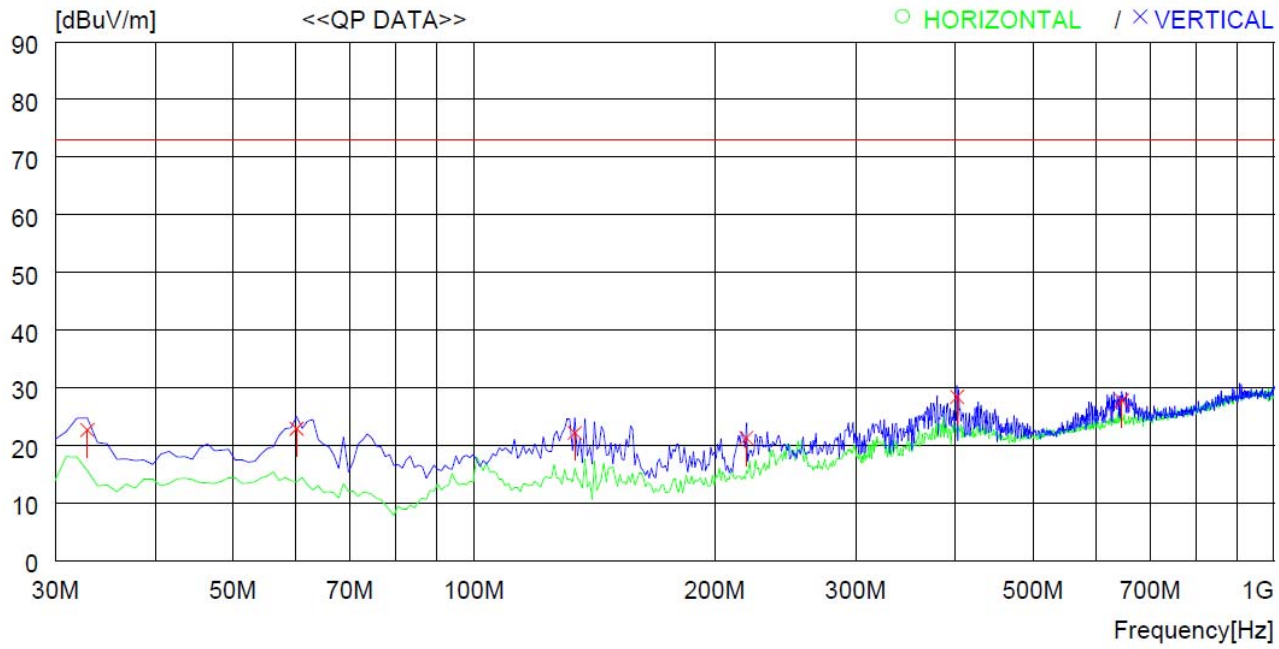
Cooking Areas 4			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: September 21, 2023
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	32.910	36.4	12.5	2.2	28.4	22.7	73.1	50.4	400	359
2	60.070	35.2	13.2	2.9	28.4	22.9	73.1	50.2	100	0
3	133.790	37.1	8.8	4.5	28.2	22.2	73.1	50.9	100	299
4	219.150	32.1	11.5	5.8	28.1	21.3	73.1	51.8	100	0
5	401.510	32.0	16.0	8.1	27.7	28.4	73.1	44.7	300	0
6	644.977	26.7	19.3	10.7	28.9	27.8	73.1	45.3	200	359

Remark: Margin (dB) = Limit – Result

Result = Reading Quasi-Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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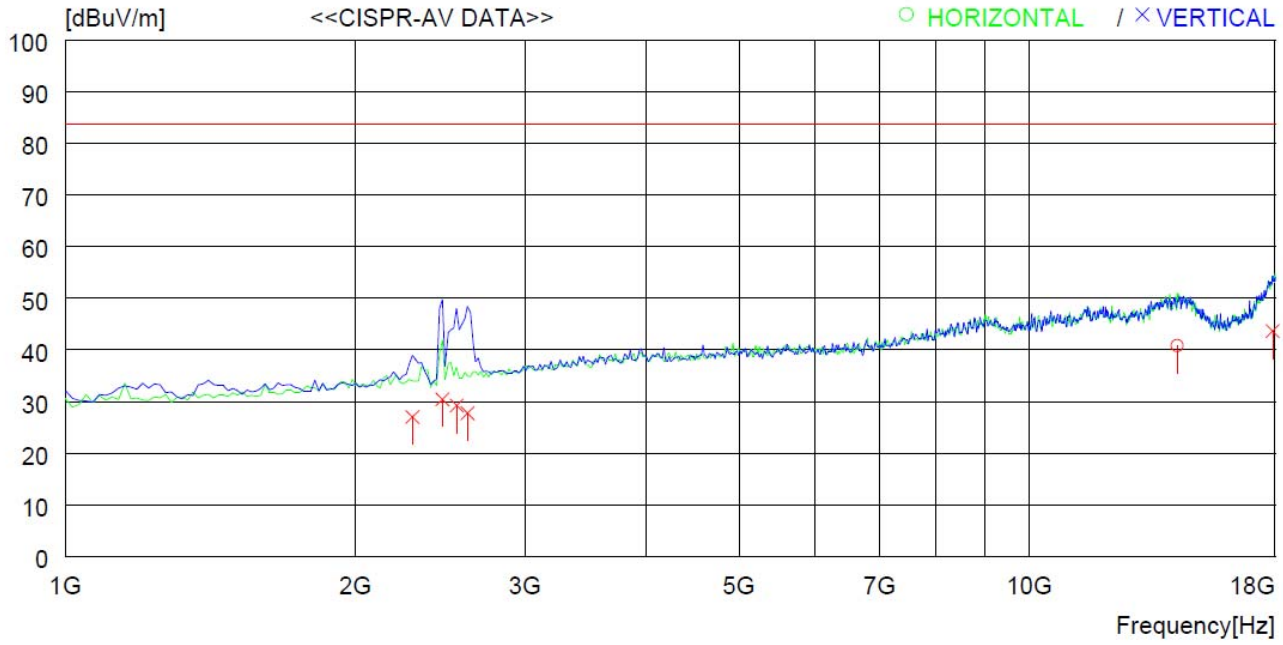
Cooking Areas 4			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	14243.000	32.4	41.8	8.8	42.2	40.8	83.5	42.7	300	2
----- Vertical ------										
2	2292.000	38.4	27.9	3.4	42.7	27.0	83.5	56.5	100	114
3	2462.000	41.5	28.2	3.5	42.8	30.4	83.5	53.1	200	0
4	2547.000	39.9	28.5	3.6	42.8	29.2	83.5	54.3	200	0
5	2615.000	38.3	28.7	3.6	42.9	27.7	83.5	55.8	400	0
6	17881.000	29.7	47.0	10.2	43.3	43.6	83.5	39.9	100	136

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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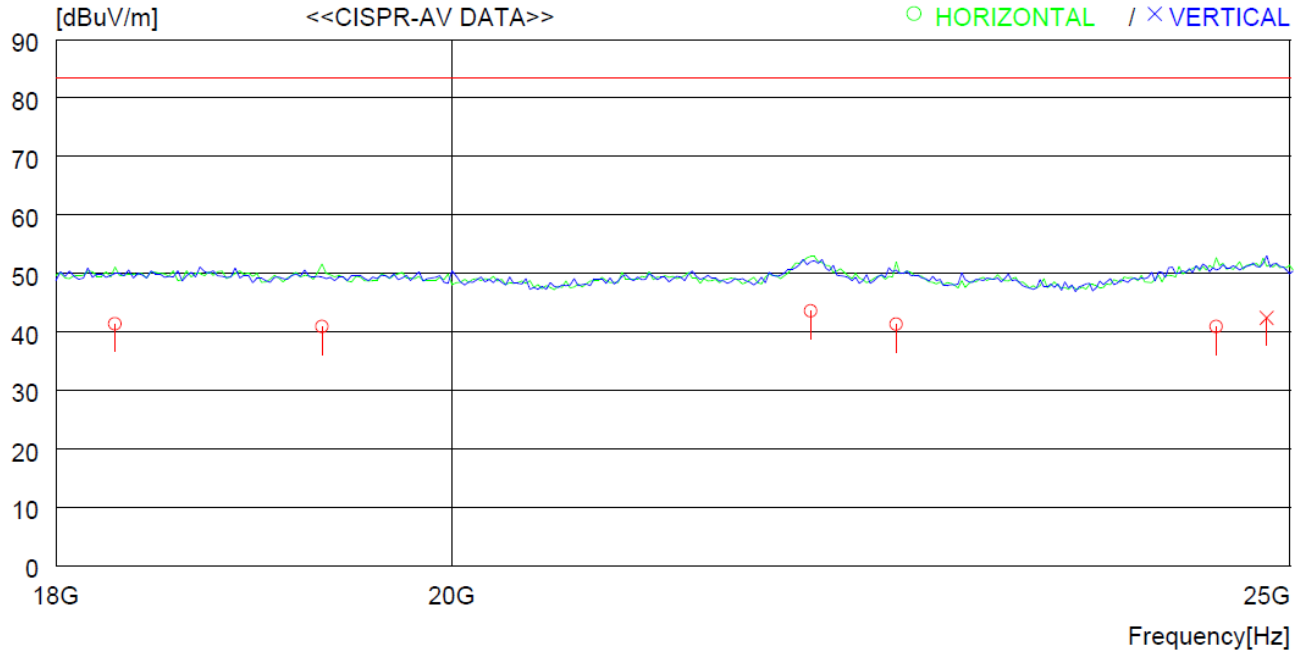
Cooking Areas 4			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: September 21, 2023
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: CISPR Average		



No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	18286.000	30.6	40.3	10.2	39.7	41.4	83.5	42.1	300	320
2	19320.000	31.1	40.2	10.4	40.8	40.9	83.5	42.6	400	352
3	22004.000	34.8	40.2	11.5	42.9	43.6	83.5	39.9	400	0
4	22510.000	33.2	40.1	11.0	43.0	41.3	83.5	42.2	200	0
5	24512.000	32.0	40.2	11.8	43.1	40.9	83.5	42.6	100	294
----- Vertical ------										
6	24842.000	33.3	40.3	11.8	43.0	42.4	83.5	41.1	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading CISPR-Average + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

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6. SAMPLE CALCULATIONS

$$dB\mu V = 20\ Log_{10}(\mu V)$$

Margin = Limit - Result

-. Example 1: 0.20300 MHz

Limit	= 53.5 dBμV (CISPR Average)
Reading	= 20.9 dBμV
Correction Factor	= Cable Loss + Pulse Limiter
	= 10.4 dB
Total	= 31.3 dBμV
Margin	= 53.5 dBμV – 31.3 dBμV
	= 22.2 dB

-. Example 2: 32.910 MHz

Limit	= 73.1 dBμV/m (Quasi-peak)
Reading	= 36.0 dBμV
Correction Factor	= Antenna Factor (12.5 dB/m) + Cable Loss (2.2 dB) - Amp. Gain (28.4 dB)
	= -13.7 dB
Total	= 22.3 dBμV/m
Margin	= 73.1 dBμV/m – 22.3 dBμV/m
	= 50.8 dB

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