FCC 47 CFR PART 18

TEST REPORT

Test Report No.	**: OT-242-RED-061**
Reception No.	**: 2402000433**
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	**: LSIL633TFE**
Multiple Model Name	**: LSIL633**E**
FCC ID.	**: BEJS47111IA**
Serial number	**: N/A**
Total page of Report	**: 70 pages (including this page)**
Date of Incoming	**: February 06, 2024**
Test Period	**: February 06, 2024 ~ February 13, 2024**
Date of Issuing	**: February 14, 2024**

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:

Sun-Teak, Oh / Manager
EMC Testing Div.
ONETECH Corp.

Approved by:

Seung-Hyun, Park / Senior Manager
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-242-RED-061	February 14, 2024	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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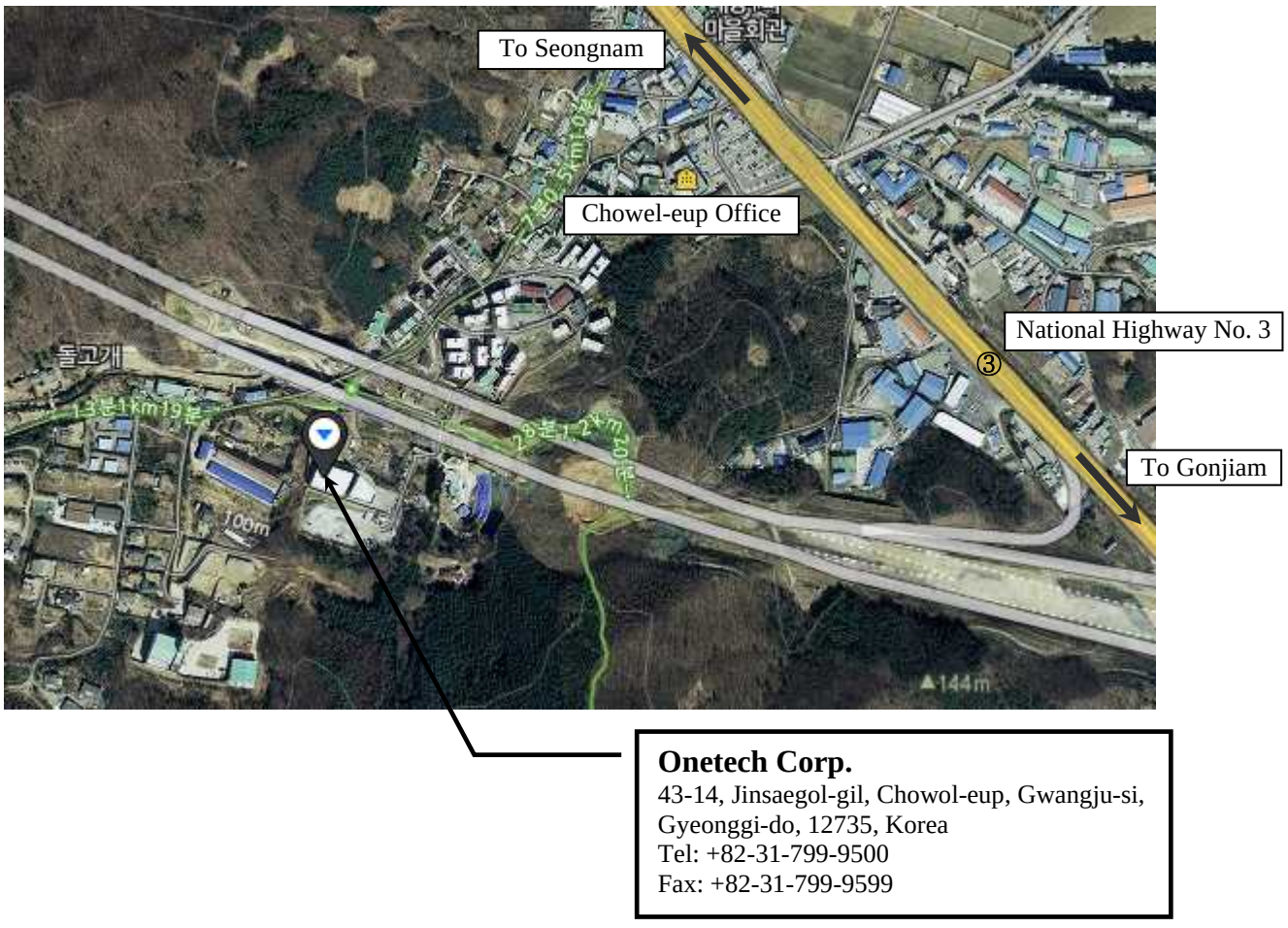
2. TEST FACILITY

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.



3. PRODUCT INFORMATION

3.1 Description of EUT

The LG Electronics USA, Inc., Model LSIL633TFE (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 (2 412 – 2 462 MHz), Bluetooth (2 402 – 2 480 MHz) (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)	20 kHz ~ 75 kHz
ELECTRICAL RATING	240 V, 11.4 kW Or 208 V, 9.45 kW/ 60 Hz
EXTERNAL CONNECTOR	AC IN

3.2 Model Differences

LSIL633TFE, LSIL633**E		
Variable	Range of variable	Content
1st '*'	T or 2	Door
2nd '*'	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)	LSIL633TFE	LG Electronics USA, Inc.	-

3.4 System Configuration

DEVICE TYPE	MODEL/PART NUMBER	MANUFACTURER
HOUSEHOLD ELECTRIC RANGE	LSIL633TFE	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

*) Measurement distance: 10 m, 3 m

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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. (The operation status of each area is Worst than operating simultaneously.)

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 : 20.1 ℃

Relative humidity : 40.8 % 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)
■ -	LT32C/10	Afj Instruments	LISN	32032039322	Mar. 07 2023 (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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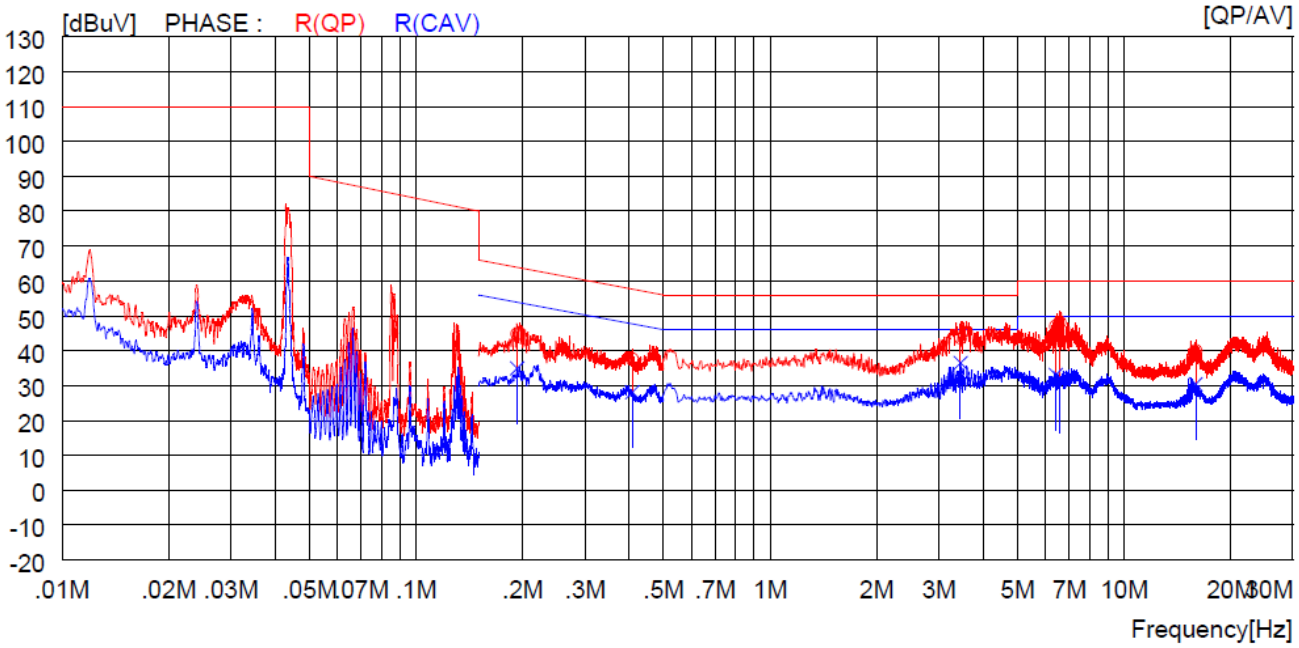
5.1.6 Test Data

5.1.6.1 Operating Condition: AC 208 / 60 Hz

-. Test Result : Pass

Tested by: Young-Jae, Kim / Project Engineer

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
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	0.19300	23.1	----	21.7	44.8	----	63.9	----	19.1	----	R(QP)
2	0.40800	16.0	----	21.6	37.6	----	57.7	----	20.1	----	R(QP)
3	3.45200	22.2	----	21.5	43.7	----	56.0	----	12.3	----	R(QP)
4	6.41500	25.5	----	21.5	47.0	----	60.0	----	13.0	----	R(QP)
5	6.59000	26.6	----	21.5	48.1	----	60.0	----	11.9	----	R(QP)
6	15.93000	18.6	----	21.4	40.0	----	60.0	----	20.0	----	R(QP)
7	0.19300	----	13.2	21.7	----	34.9	----	53.9	----	19.0	R(CAV)
8	0.40800	----	6.5	21.6	----	28.1	----	47.7	----	19.6	R(CAV)
9	3.45200	----	15.0	21.5	----	36.5	----	46.0	----	9.5	R(CAV)
10	6.41500	----	11.6	21.5	----	33.1	----	50.0	----	16.9	R(CAV)
11	6.59000	----	10.7	21.5	----	32.2	----	50.0	----	17.8	R(CAV)
12	15.93000	----	9.0	21.4	----	30.4	----	50.0	----	19.6	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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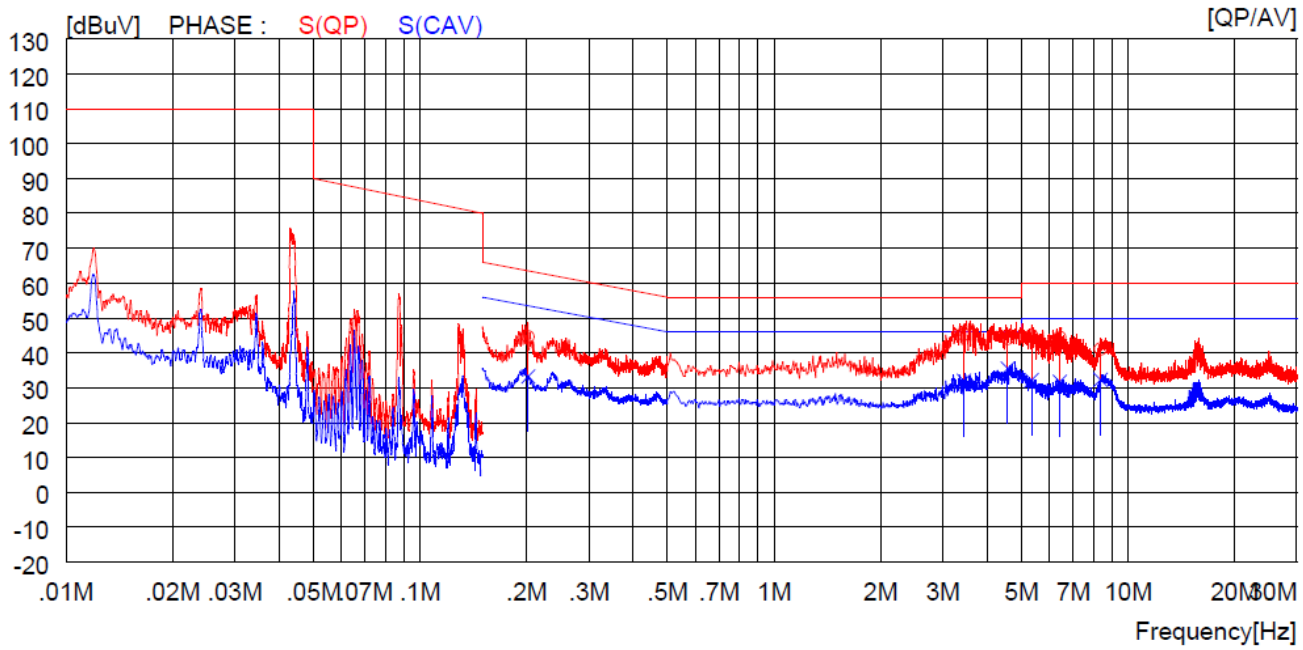
Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



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	0.20200	23.0	----	21.6	44.6	----	63.5	----	18.9	----	S(QP)
2	3.43900	23.8	----	21.5	45.3	----	56.0	----	10.7	----	S(QP)
3	4.57300	22.6	----	21.5	44.1	----	56.0	----	11.9	----	S(QP)
4	5.34500	23.5	----	21.5	45.0	----	60.0	----	15.0	----	S(QP)
5	6.41000	22.9	----	21.5	44.4	----	60.0	----	15.6	----	S(QP)
6	8.37000	19.6	----	21.5	41.1	----	60.0	----	18.9	----	S(QP)
7	0.20200	----	11.6	21.6	----	33.2	----	53.5	----	20.3	S(CAV)
8	3.43900	----	10.5	21.5	----	32.0	----	46.0	----	14.0	S(CAV)
9	4.57300	----	14.0	21.5	----	35.5	----	46.0	----	10.5	S(CAV)
10	5.34500	----	10.7	21.5	----	32.2	----	50.0	----	17.8	S(CAV)
11	6.41000	----	10.2	21.5	----	31.7	----	50.0	----	18.3	S(CAV)
12	8.37000	----	10.8	21.5	----	32.3	----	50.0	----	17.7	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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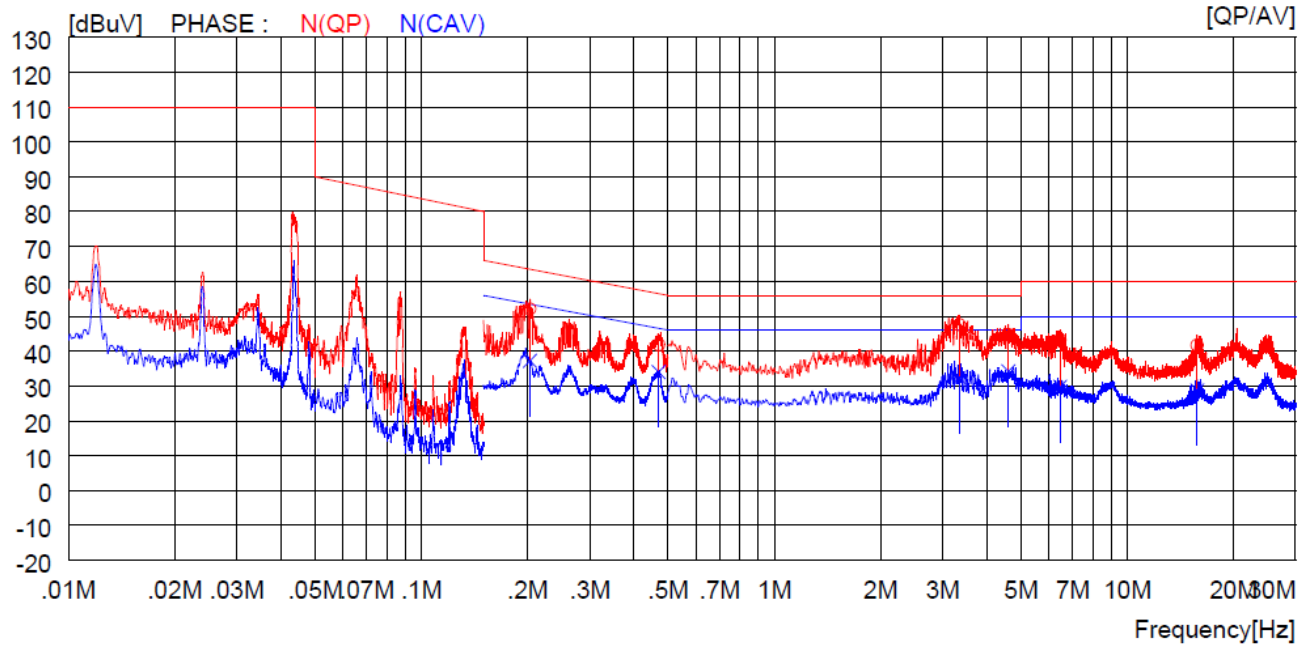
Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



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	0.20300	30.3	----	21.7	52.0	----	63.5	----	11.5	----	N(QP)
2	0.47000	20.3	----	21.6	41.9	----	56.5	----	14.6	----	N(QP)
3	3.34400	26.0	----	21.5	47.5	----	56.0	----	8.5	----	N(QP)
4	4.60400	23.2	----	21.5	44.7	----	56.0	----	11.3	----	N(QP)
5	6.45000	21.7	----	21.5	43.2	----	60.0	----	16.8	----	N(QP)
6	15.79000	20.2	----	21.4	41.6	----	60.0	----	18.4	----	N(QP)
7	0.20300	----	15.5	21.7	----	37.2	----	53.5	----	16.3	N(CAV)
8	0.47000	----	12.4	21.6	----	34.0	----	46.5	----	12.5	N(CAV)
9	3.34400	----	10.9	21.5	----	32.4	----	46.0	----	13.6	N(CAV)
10	4.60400	----	12.7	21.5	----	34.2	----	46.0	----	11.8	N(CAV)
11	6.45000	----	8.2	21.5	----	29.7	----	50.0	----	20.3	N(CAV)
12	15.79000	----	7.3	21.4	----	28.7	----	50.0	----	21.3	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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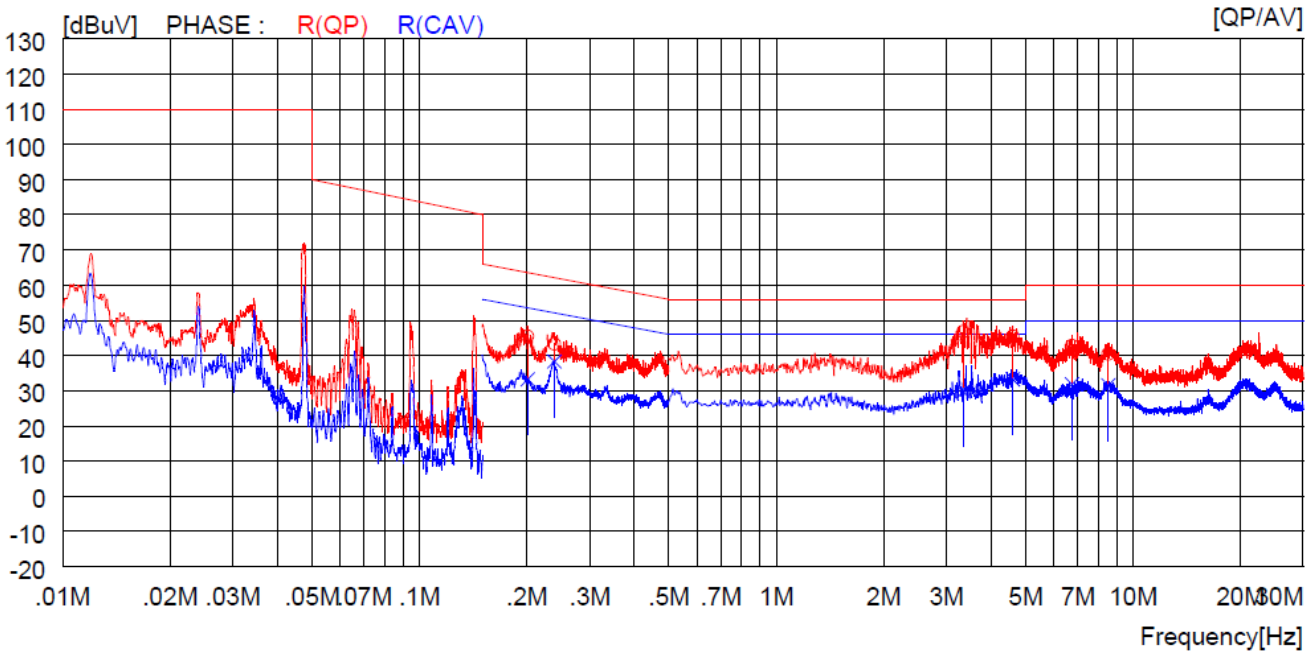
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



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	0.20100	23.8	----	21.7	45.5	----	63.6	----	18.1	----	R(QP)
2	0.23900	21.6	----	21.7	43.3	----	62.1	----	18.8	----	R(QP)
3	3.34400	25.3	----	21.5	46.8	----	56.0	----	9.2	----	R(QP)
4	4.60400	23.9	----	21.5	45.4	----	56.0	----	10.6	----	R(QP)
5	6.74000	21.3	----	21.5	42.8	----	60.0	----	17.2	----	R(QP)
6	8.52500	18.9	----	21.5	40.4	----	60.0	----	19.6	----	R(QP)
7	0.20100	----	11.5	21.7	----	33.2	----	53.6	----	20.4	R(CAV)
8	0.23900	----	16.6	21.7	----	38.3	----	52.1	----	13.8	R(CAV)
9	3.34400	----	8.3	21.5	----	29.8	----	46.0	----	16.2	R(CAV)
10	4.60400	----	11.7	21.5	----	33.2	----	46.0	----	12.8	R(CAV)
11	6.74000	----	10.3	21.5	----	31.8	----	50.0	----	18.2	R(CAV)
12	8.52500	----	10.0	21.5	----	31.5	----	50.0	----	18.5	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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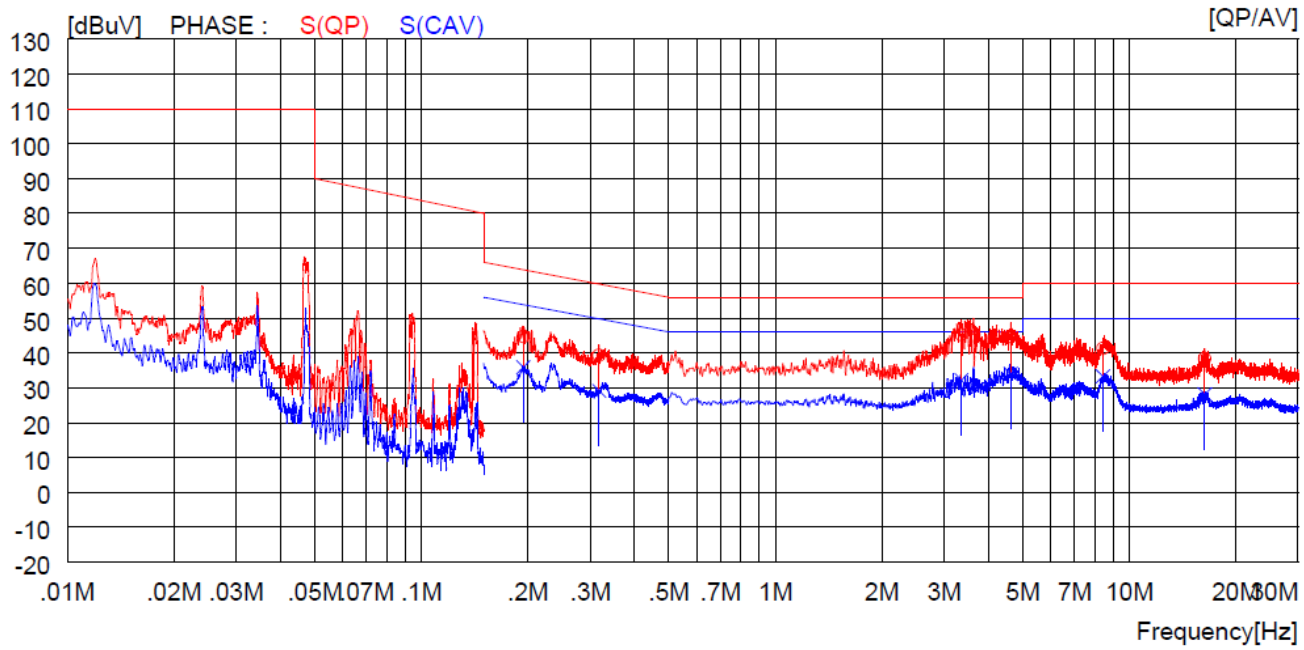
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



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	0.19400	23.1	----	21.6	44.7	----	63.9	----	19.2	----	S(QP)
2	0.31800	17.8	----	21.5	39.3	----	59.8	----	20.5	----	S(QP)
3	3.35300	23.8	----	21.5	45.3	----	56.0	----	10.7	----	S(QP)
4	4.62200	23.2	----	21.5	44.7	----	56.0	----	11.3	----	S(QP)
5	8.42000	19.8	----	21.5	41.3	----	60.0	----	18.7	----	S(QP)
6	16.33000	16.9	----	21.4	38.3	----	60.0	----	21.7	----	S(QP)
7	0.19400	----	14.3	21.6	----	35.9	----	53.9	----	18.0	S(CAV)
8	0.31800	----	7.6	21.5	----	29.1	----	49.8	----	20.7	S(CAV)
9	3.35300	----	10.7	21.5	----	32.2	----	46.0	----	13.8	S(CAV)
10	4.62200	----	12.5	21.5	----	34.0	----	46.0	----	12.0	S(CAV)
11	8.42000	----	11.8	21.5	----	33.3	----	50.0	----	16.7	S(CAV)
12	16.33000	----	6.7	21.4	----	28.1	----	50.0	----	21.9	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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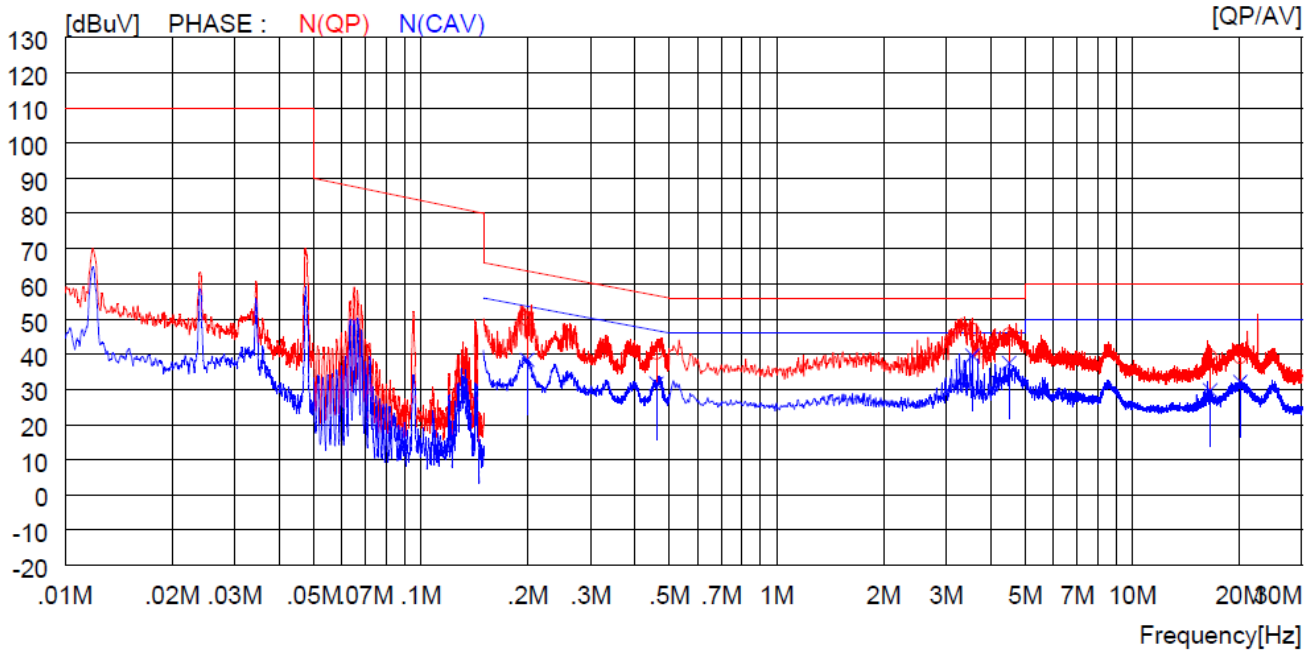
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



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	0.19900	28.1	----	21.7	49.8	----	63.7	----	13.9	----	N(QP)
2	0.45900	18.7	----	21.6	40.3	----	56.7	----	16.4	----	N(QP)
3	3.55100	25.5	----	21.5	47.0	----	56.0	----	9.0	----	N(QP)
4	4.50100	24.1	----	21.5	45.6	----	56.0	----	10.4	----	N(QP)
5	16.54000	18.0	----	21.4	39.4	----	60.0	----	20.6	----	N(QP)
6	20.11000	17.7	----	21.4	39.1	----	60.0	----	20.9	----	N(QP)
7	0.19900	----	16.7	21.7	----	38.4	----	53.7	----	15.3	N(CAV)
8	0.45900	----	10.0	21.6	----	31.6	----	46.7	----	15.1	N(CAV)
9	3.55100	----	18.1	21.5	----	39.6	----	46.0	----	6.4	N(CAV)
10	4.50100	----	16.0	21.5	----	37.5	----	46.0	----	8.5	N(CAV)
11	16.54000	----	8.3	21.4	----	29.7	----	50.0	----	20.3	N(CAV)
12	20.11000	----	10.7	21.4	----	32.1	----	50.0	----	17.9	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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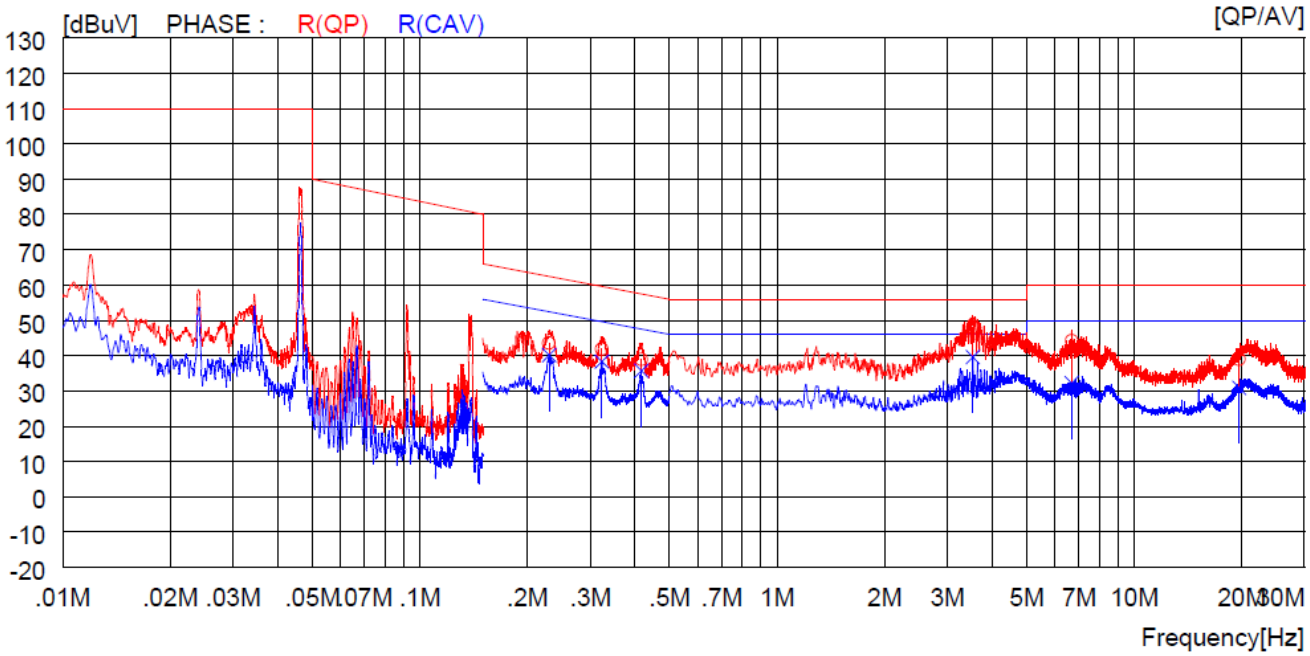
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



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	0.23000	21.9	----	21.7	43.6	----	62.4	----	18.8	----	R(QP)
2	0.32300	20.2	----	21.6	41.8	----	59.6	----	17.8	----	R(QP)
3	0.41700	17.3	----	21.6	38.9	----	57.5	----	18.6	----	R(QP)
4	3.53300	26.4	----	21.5	47.9	----	56.0	----	8.1	----	R(QP)
5	6.67500	22.7	----	21.5	44.2	----	60.0	----	15.8	----	R(QP)
6	19.67000	17.6	----	21.4	39.0	----	60.0	----	21.0	----	R(QP)
7	0.23000	----	18.4	21.7	----	40.1	----	52.4	----	12.3	R(CAV)
8	0.32300	----	16.7	21.6	----	38.3	----	49.6	----	11.3	R(CAV)
9	0.41700	----	14.1	21.6	----	35.7	----	47.5	----	11.8	R(CAV)
10	3.53300	----	18.1	21.5	----	39.6	----	46.0	----	6.4	R(CAV)
11	6.67500	----	10.7	21.5	----	32.2	----	50.0	----	17.8	R(CAV)
12	19.67000	----	9.5	21.4	----	30.9	----	50.0	----	19.1	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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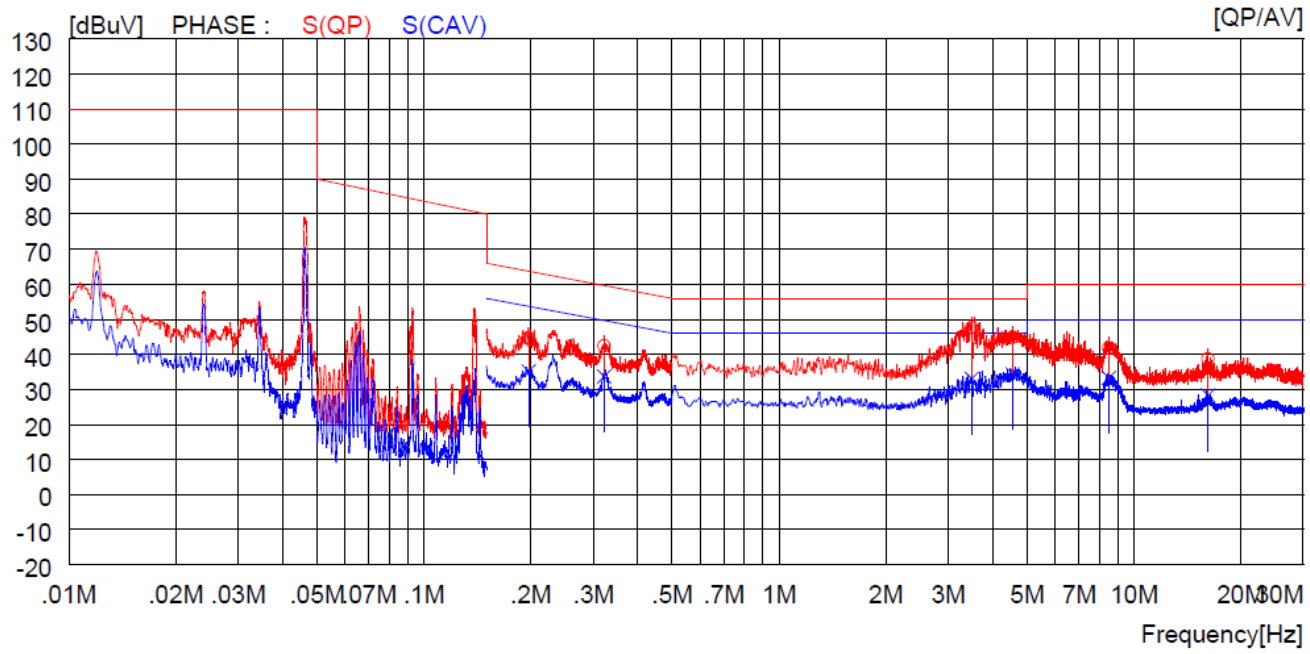
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



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	0.19700	23.1	----	21.6	44.7	----	63.7	----	19.0	----	S(QP)
2	0.32200	20.9	----	21.5	42.4	----	59.7	----	17.3	----	S(QP)
3	3.49300	26.1	----	21.5	47.6	----	56.0	----	8.4	----	S(QP)
4	4.55000	23.4	----	21.5	44.9	----	56.0	----	11.1	----	S(QP)
5	8.50000	20.4	----	21.5	41.9	----	60.0	----	18.1	----	S(QP)
6	16.14000	17.3	----	21.4	38.7	----	60.0	----	21.3	----	S(QP)
7	0.19700	----	13.6	21.6	----	35.2	----	53.7	----	18.5	S(CAV)
8	0.32200	----	12.2	21.5	----	33.7	----	49.7	----	16.0	S(CAV)
9	3.49300	----	11.6	21.5	----	33.1	----	46.0	----	12.9	S(CAV)
10	4.55000	----	12.8	21.5	----	34.3	----	46.0	----	11.7	S(CAV)
11	8.50000	----	11.8	21.5	----	33.3	----	50.0	----	16.7	S(CAV)
12	16.14000	----	6.9	21.4	----	28.3	----	50.0	----	21.7	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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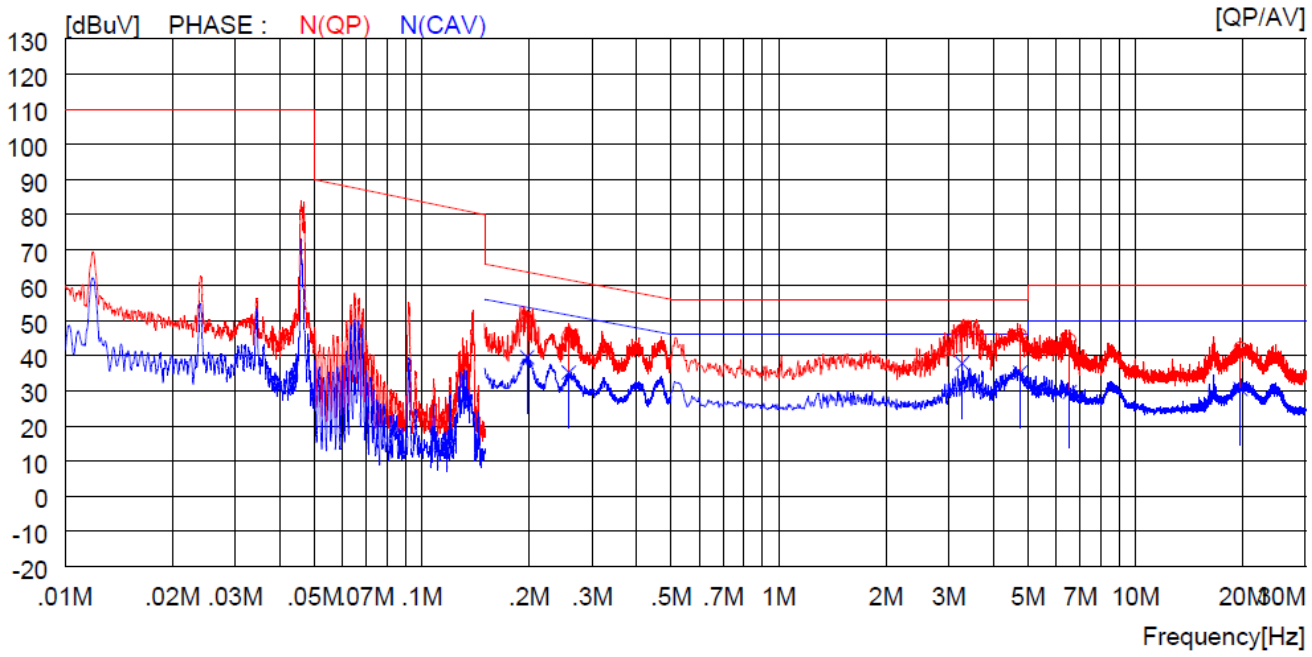
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



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	0.19700	27.8	----	21.7	49.5	----	63.7	----	14.2	----	N(QP)
2	0.25800	24.0	----	21.7	45.7	----	61.5	----	15.8	----	N(QP)
3	3.26800	25.6	----	21.5	47.1	----	56.0	----	8.9	----	N(QP)
4	4.75300	24.3	----	21.5	45.8	----	56.0	----	10.2	----	N(QP)
5	6.54500	22.9	----	21.5	44.4	----	60.0	----	15.6	----	N(QP)
6	19.69000	20.6	----	21.4	42.0	----	60.0	----	18.0	----	N(QP)
7	0.19700	----	17.8	21.7	----	39.5	----	53.7	----	14.2	N(CAV)
8	0.25800	----	13.5	21.7	----	35.2	----	51.5	----	16.3	N(CAV)
9	3.26800	----	16.3	21.5	----	37.8	----	46.0	----	8.2	N(CAV)
10	4.75300	----	13.6	21.5	----	35.1	----	46.0	----	10.9	N(CAV)
11	6.54500	----	8.1	21.5	----	29.6	----	50.0	----	20.4	N(CAV)
12	19.69000	----	9.1	21.4	----	30.5	----	50.0	----	19.5	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.

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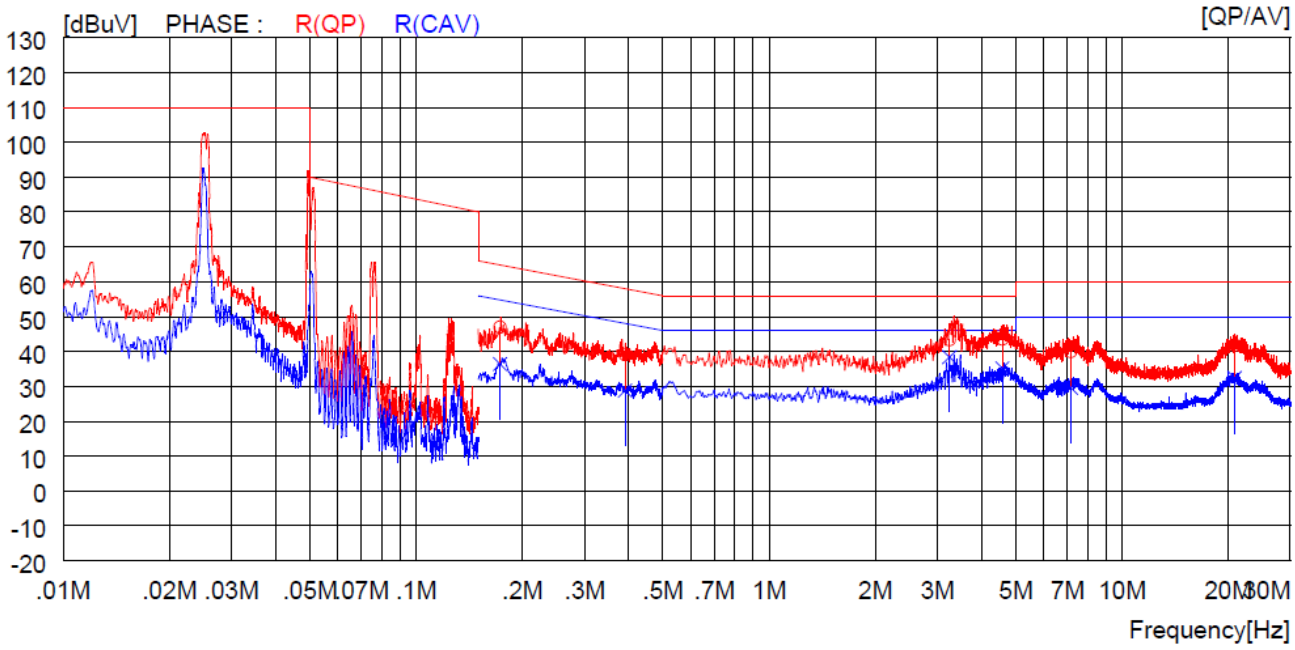
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



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	0.17300	25.3	----	21.7	47.0	----	64.8	----	17.8	----	R(QP)
2	0.39100	17.5	----	21.6	39.1	----	58.0	----	18.9	----	R(QP)
3	3.24500	21.9	----	21.5	43.4	----	56.0	----	12.6	----	R(QP)
4	4.57700	22.0	----	21.5	43.5	----	56.0	----	12.5	----	R(QP)
5	7.16000	18.5	----	21.5	40.0	----	60.0	----	20.0	----	R(QP)
6	20.84000	20.4	----	21.4	41.8	----	60.0	----	18.2	----	R(QP)
7	0.17300	----	14.7	21.7	----	36.4	----	54.8	----	18.4	R(CAV)
8	0.39100	----	7.2	21.6	----	28.8	----	48.0	----	19.2	R(CAV)
9	3.24500	----	16.9	21.5	----	38.4	----	46.0	----	7.6	R(CAV)
10	4.57700	----	13.7	21.5	----	35.2	----	46.0	----	10.8	R(CAV)
11	7.16000	----	8.1	21.5	----	29.6	----	50.0	----	20.4	R(CAV)
12	20.84000	----	11.0	21.4	----	32.4	----	50.0	----	17.6	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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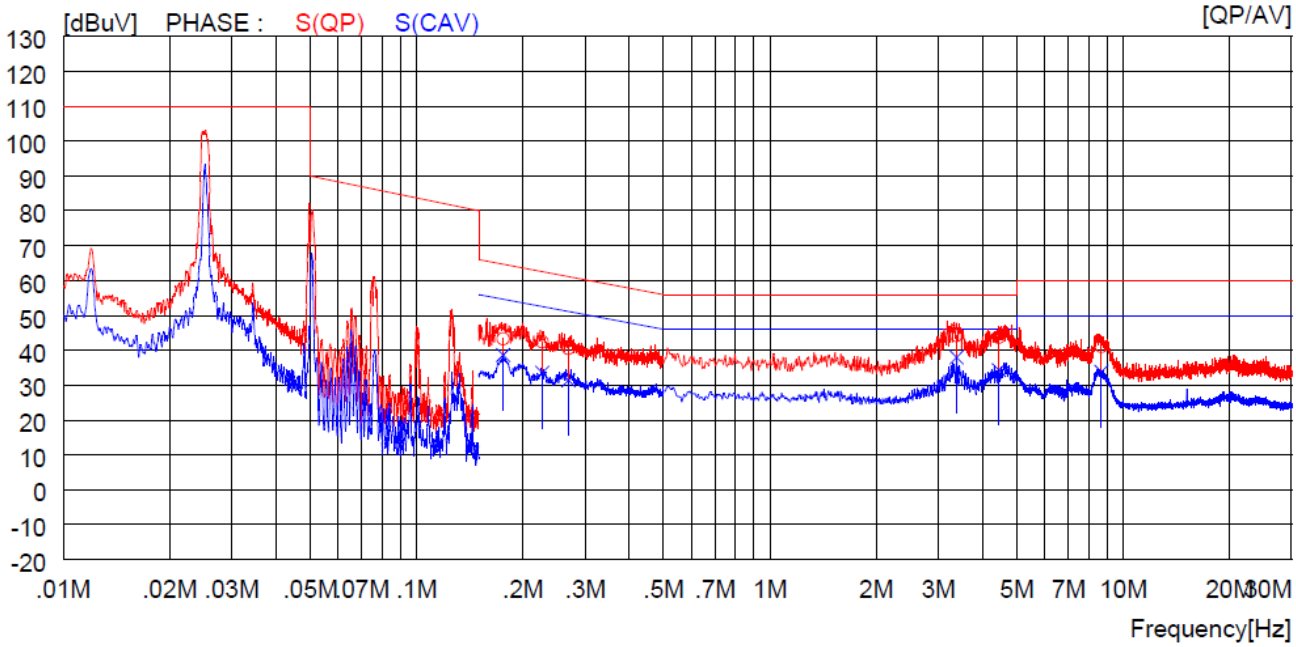
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



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	0.17600	21.7	----	21.6	43.3	----	64.7	----	21.4	----	S(QP)
2	0.22700	20.8	----	21.6	42.4	----	62.6	----	20.2	----	S(QP)
3	0.26900	19.0	----	21.5	40.5	----	61.1	----	20.6	----	S(QP)
4	3.37600	22.7	----	21.5	44.2	----	56.0	----	11.8	----	S(QP)
5	4.44200	22.3	----	21.5	43.8	----	56.0	----	12.2	----	S(QP)
6	8.68000	19.7	----	21.4	41.1	----	60.0	----	18.9	----	S(QP)
7	0.17600	----	17.0	21.6	----	38.6	----	54.7	----	16.1	S(CAV)
8	0.22700	----	11.9	21.6	----	33.5	----	52.6	----	19.1	S(CAV)
9	0.26900	----	9.9	21.5	----	31.4	----	51.1	----	19.7	S(CAV)
10	3.37600	----	16.5	21.5	----	38.0	----	46.0	----	8.0	S(CAV)
11	4.44200	----	12.8	21.5	----	34.3	----	46.0	----	11.7	S(CAV)
12	8.68000	----	12.4	21.4	----	33.8	----	50.0	----	16.2	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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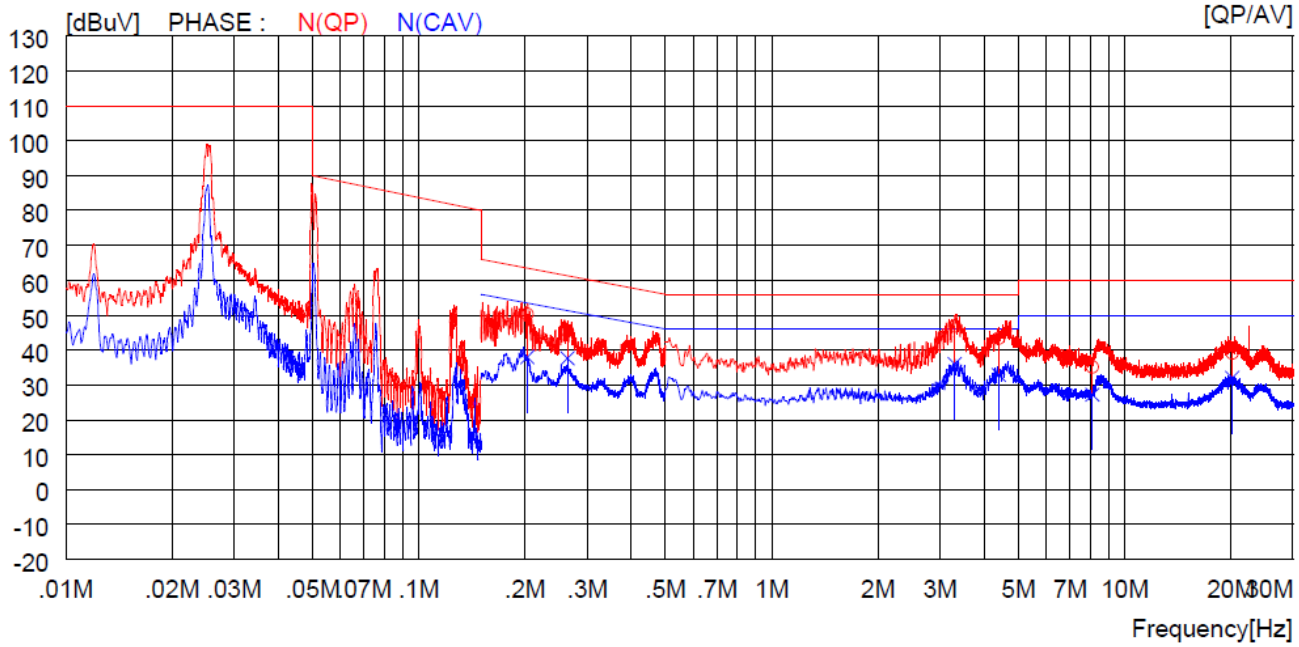
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



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	0.20300	28.6	----	21.7	50.3	----	63.5	----	13.2	----	N(QP)
2	0.26400	23.8	----	21.6	45.4	----	61.3	----	15.9	----	N(QP)
3	3.29900	25.4	----	21.5	46.9	----	56.0	----	9.1	----	N(QP)
4	4.39700	21.9	----	21.5	43.4	----	56.0	----	12.6	----	N(QP)
5	8.09000	13.6	----	21.5	35.1	----	60.0	----	24.9	----	N(QP)
6	20.18000	17.7	----	21.4	39.1	----	60.0	----	20.9	----	N(QP)
7	0.20300	----	16.3	21.7	----	38.0	----	53.5	----	15.5	N(CAV)
8	0.26400	----	16.1	21.6	----	37.7	----	51.3	----	13.6	N(CAV)
9	3.29900	----	14.5	21.5	----	36.0	----	46.0	----	10.0	N(CAV)
10	4.39700	----	11.4	21.5	----	32.9	----	46.0	----	13.1	N(CAV)
11	8.09000	----	5.7	21.5	----	27.2	----	50.0	----	22.8	N(CAV)
12	20.18000	----	10.6	21.4	----	32.0	----	50.0	----	18.0	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.

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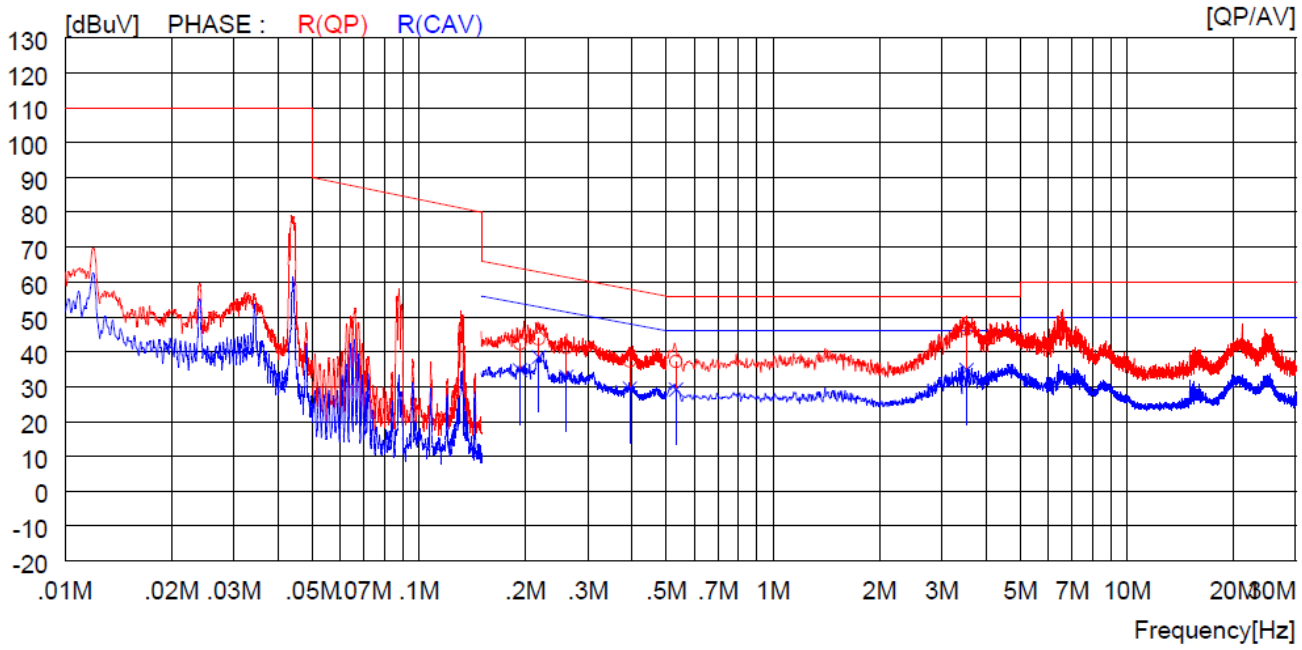
5.1.6.2 Operating Condition: AC 240 V / 60 Hz

-. Test Result : Pass

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
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	0.19300	20.6	----	21.7	42.3	----	63.9	----	21.6	----	R(QP)
2	0.21800	22.1	----	21.7	43.8	----	62.9	----	19.1	----	R(QP)
3	0.26100	19.5	----	21.7	41.2	----	61.4	----	20.2	----	R(QP)
4	0.39400	15.8	----	21.6	37.4	----	58.0	----	20.6	----	R(QP)
5	0.53200	15.6	----	21.6	37.2	----	56.0	----	18.8	----	R(QP)
6	3.52000	24.9	----	21.5	46.4	----	56.0	----	9.6	----	R(QP)
7	0.19300	----	13.0	21.7	----	34.7	----	53.9	----	19.2	R(CAV)
8	0.21800	----	16.8	21.7	----	38.5	----	52.9	----	14.4	R(CAV)
9	0.26100	----	11.2	21.7	----	32.9	----	51.4	----	18.5	R(CAV)
10	0.39400	----	7.9	21.6	----	29.5	----	48.0	----	18.5	R(CAV)
11	0.53200	----	7.6	21.6	----	29.2	----	46.0	----	16.8	R(CAV)
12	3.52000	----	13.3	21.5	----	34.8	----	46.0	----	11.2	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.

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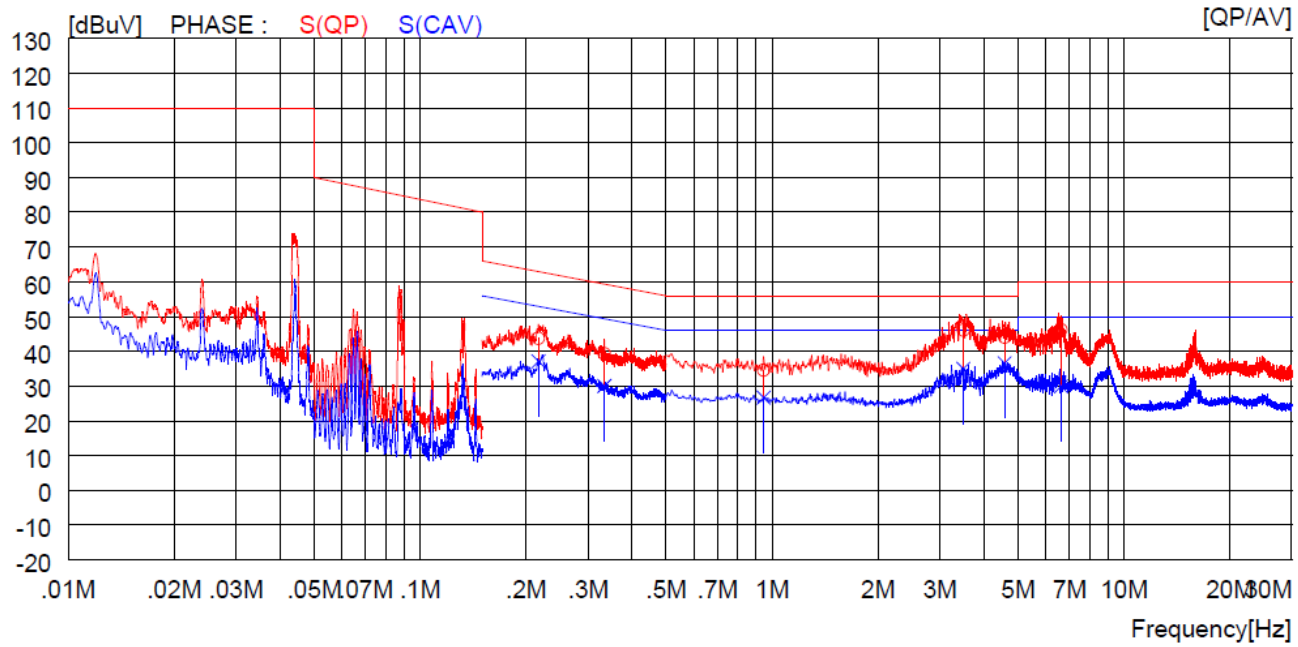
Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



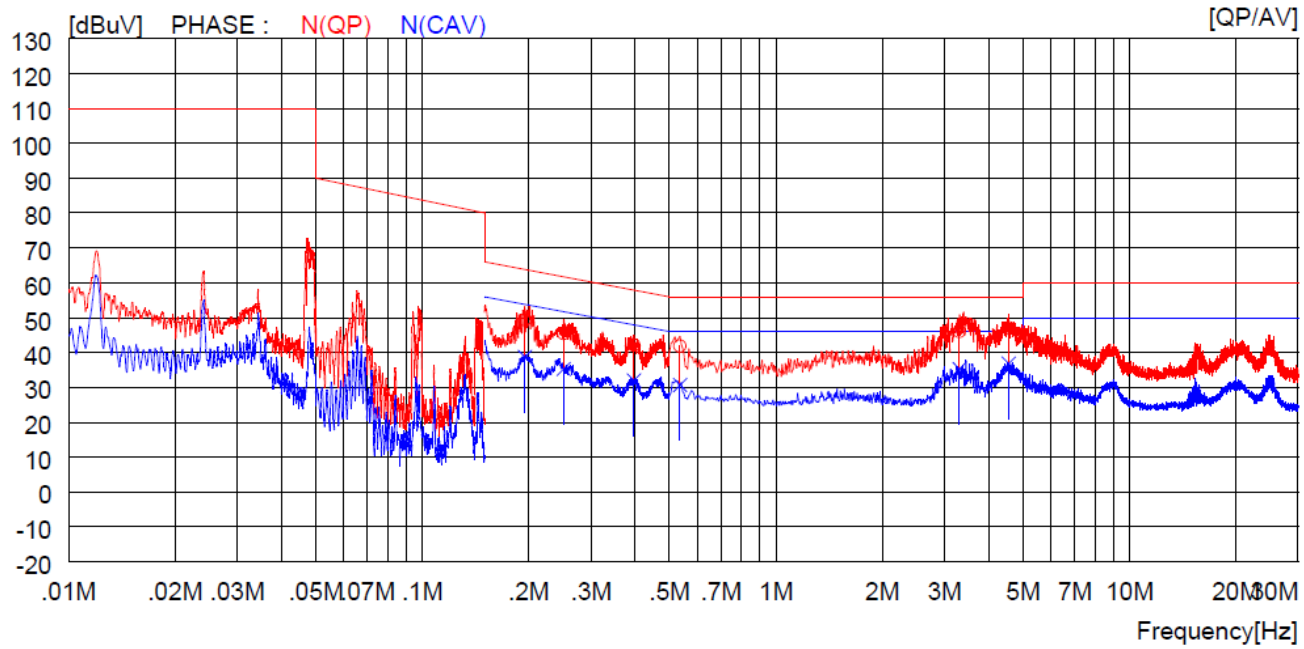
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.21700	22.2	----	21.6	43.8	----	62.9	----	19.1	----	S(QP)
2	0.33400	17.8	----	21.5	39.3	----	59.4	----	20.1	----	S(QP)
3	0.94600	13.0	----	21.5	34.5	----	56.0	----	21.5	----	S(QP)
4	3.49700	24.6	----	21.5	46.1	----	56.0	----	9.9	----	S(QP)
5	4.57700	22.5	----	21.5	44.0	----	56.0	----	12.0	----	S(QP)
6	6.63000	24.7	----	21.5	46.2	----	60.0	----	13.8	----	S(QP)
7	0.21700	----	15.5	21.6	----	37.1	----	52.9	----	15.8	S(CAV)
8	0.33400	----	8.5	21.5	----	30.0	----	49.4	----	19.4	S(CAV)
9	0.94600	----	5.2	21.5	----	26.7	----	46.0	----	19.3	S(CAV)
10	3.49700	----	13.5	21.5	----	35.0	----	46.0	----	11.0	S(CAV)
11	4.57700	----	15.1	21.5	----	36.6	----	46.0	----	9.4	S(CAV)
12	6.63000	----	8.4	21.5	----	29.9	----	50.0	----	20.1	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	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



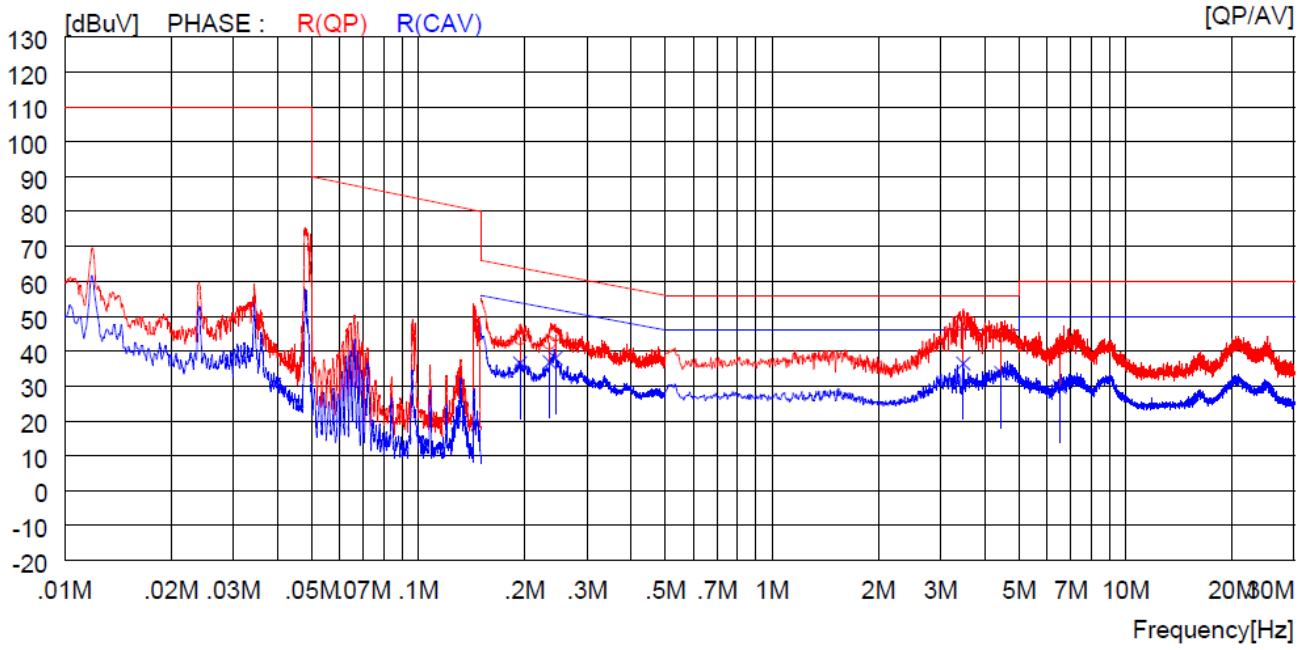
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19500	27.6	----	21.7	49.3	----	63.8	----	14.5	----	N(QP)
2	0.25100	23.8	----	21.7	45.5	----	61.7	----	16.2	----	N(QP)
3	0.39700	20.5	----	21.6	42.1	----	57.9	----	15.8	----	N(QP)
4	0.53600	20.2	----	21.6	41.8	----	56.0	----	14.2	----	N(QP)
5	3.30400	24.5	----	21.5	46.0	----	56.0	----	10.0	----	N(QP)
6	4.55000	25.6	----	21.5	47.1	----	56.0	----	8.9	----	N(QP)
7	0.19500	----	17.0	21.7	----	38.7	----	53.8	----	15.1	N(CAV)
8	0.25100	----	13.6	21.7	----	35.3	----	51.7	----	16.4	N(CAV)
9	0.39700	----	10.4	21.6	----	32.0	----	47.9	----	15.9	N(CAV)
10	0.53600	----	9.1	21.6	----	30.7	----	46.0	----	15.3	N(CAV)
11	3.30400	----	13.8	21.5	----	35.3	----	46.0	----	10.7	N(CAV)
12	4.55000	----	15.3	21.5	----	36.8	----	46.0	----	9.2	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 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



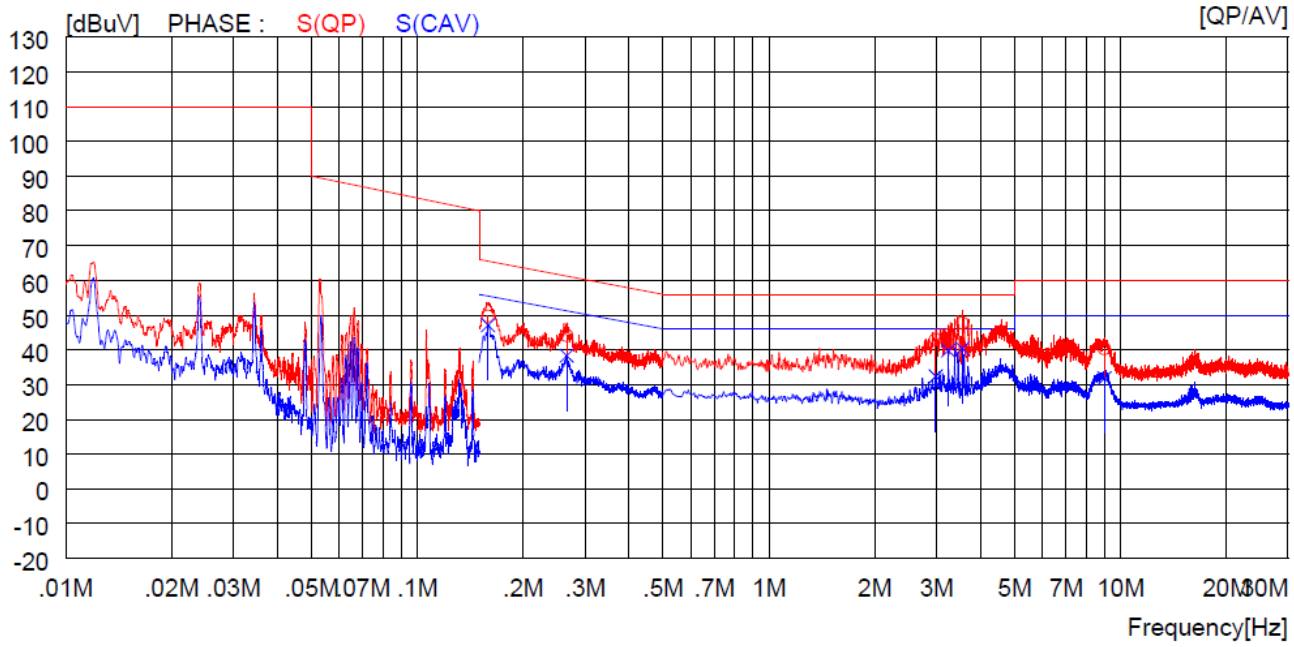
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19400	22.0	----	21.7	43.7	----	63.9	----	20.2	----	R(QP)
2	0.23500	20.6	----	21.7	42.3	----	62.3	----	20.0	----	R(QP)
3	0.24400	23.0	----	21.7	44.7	----	62.0	----	17.3	----	R(QP)
4	3.47500	26.6	----	21.5	48.1	----	56.0	----	7.9	----	R(QP)
5	4.45100	23.0	----	21.5	44.5	----	56.0	----	11.5	----	R(QP)
6	6.50500	19.3	----	21.5	40.8	----	60.0	----	19.2	----	R(QP)
7	0.19400	----	14.8	21.7	----	36.5	----	53.9	----	17.4	R(CAV)
8	0.23500	----	15.1	21.7	----	36.8	----	52.3	----	15.5	R(CAV)
9	0.24400	----	16.2	21.7	----	37.9	----	52.0	----	14.1	R(CAV)
10	3.47500	----	14.9	21.5	----	36.4	----	46.0	----	9.6	R(CAV)
11	4.45100	----	12.2	21.5	----	33.7	----	46.0	----	12.3	R(CAV)
12	6.50500	----	8.2	21.5	----	29.7	----	50.0	----	20.3	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 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



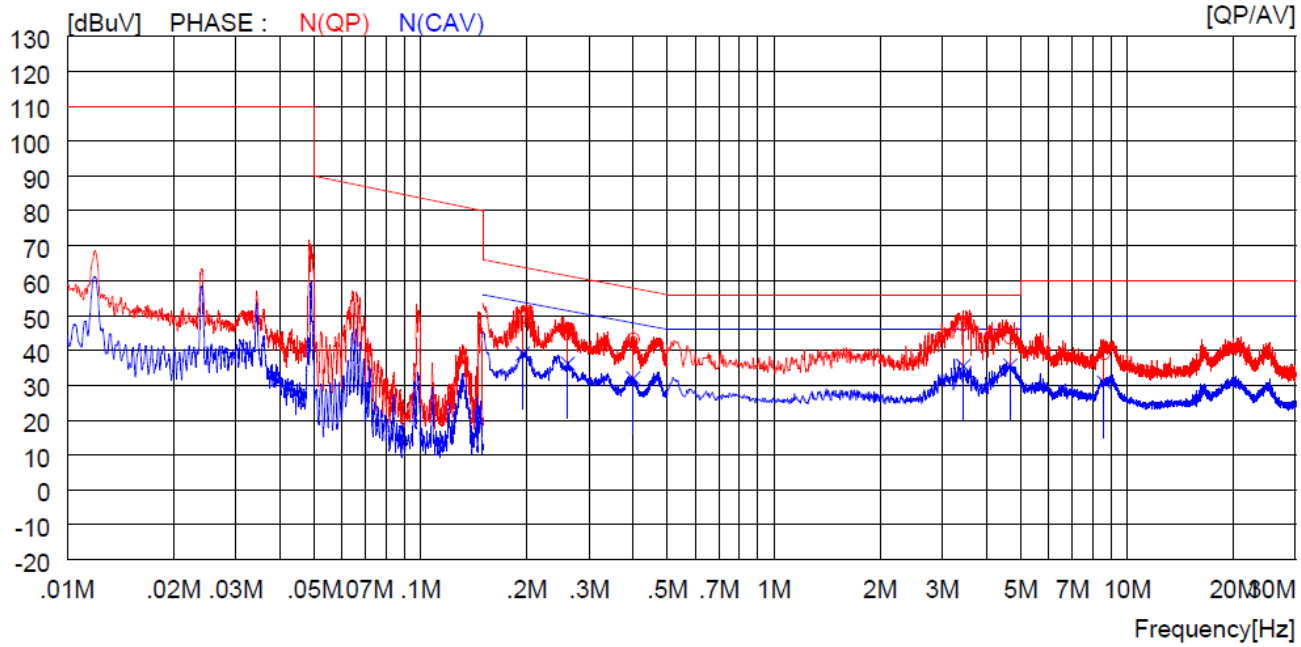
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.15900	28.1	----	21.6	49.7	----	65.5	----	15.8	----	S(QP)
2	0.26600	22.6	----	21.5	44.1	----	61.2	----	17.1	----	S(QP)
3	2.98400	21.5	----	21.5	43.0	----	56.0	----	13.0	----	S(QP)
4	3.23600	22.7	----	21.5	44.2	----	56.0	----	11.8	----	S(QP)
5	3.55100	26.2	----	21.5	47.7	----	56.0	----	8.3	----	S(QP)
6	9.00000	18.9	----	21.4	40.3	----	60.0	----	19.7	----	S(QP)
7	0.15900	----	25.6	21.6	----	47.2	----	55.5	----	8.3	S(CAV)
8	0.26600	----	16.8	21.5	----	38.3	----	51.2	----	12.9	S(CAV)
9	2.98400	----	10.9	21.5	----	32.4	----	46.0	----	13.6	S(CAV)
10	3.23600	----	18.3	21.5	----	39.8	----	46.0	----	6.2	S(CAV)
11	3.55100	----	18.8	21.5	----	40.3	----	46.0	----	5.7	S(CAV)
12	9.00000	----	10.4	21.4	----	31.8	----	50.0	----	18.2	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.

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	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



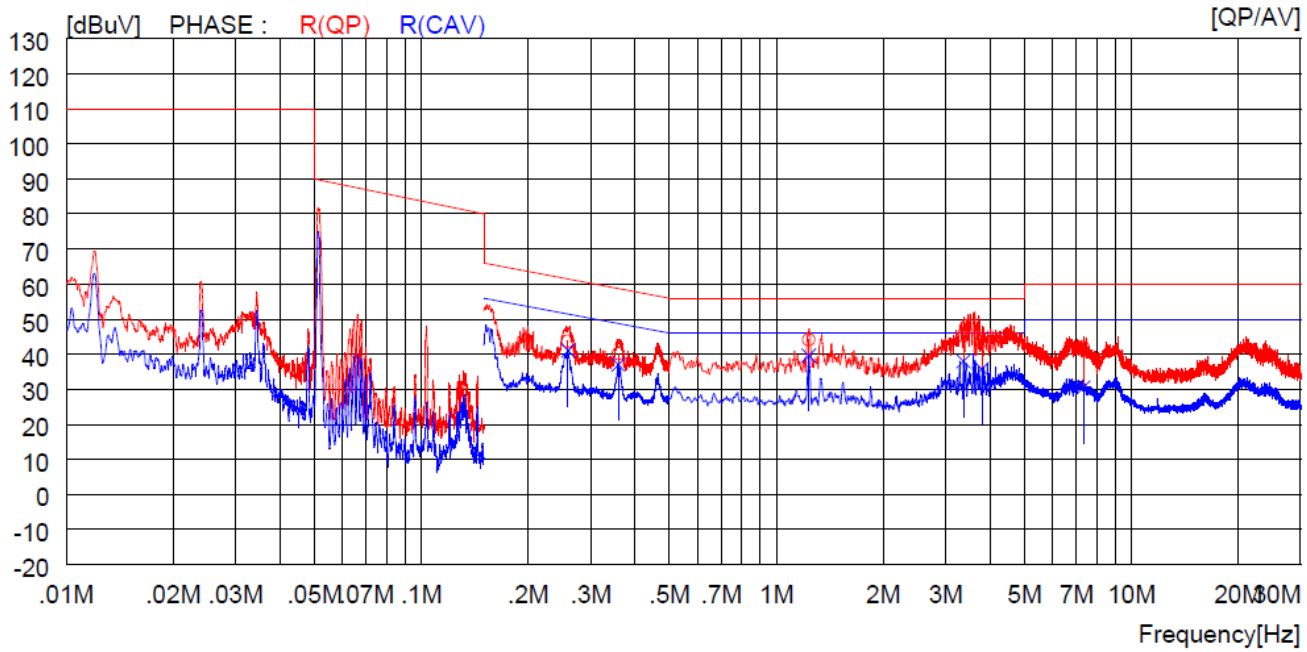
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19500	27.9	----	21.7	49.6	----	63.8	----	14.2	----	N(QP)
2	0.26100	23.1	----	21.7	44.8	----	61.4	----	16.6	----	N(QP)
3	0.40000	21.6	----	21.6	43.2	----	57.9	----	14.7	----	N(QP)
4	3.43900	25.8	----	21.5	47.3	----	56.0	----	8.7	----	N(QP)
5	4.66700	22.0	----	21.5	43.5	----	56.0	----	12.5	----	N(QP)
6	8.59500	17.6	----	21.5	39.1	----	60.0	----	20.9	----	N(QP)
7	0.19500	----	17.4	21.7	----	39.1	----	53.8	----	14.7	N(CAV)
8	0.26100	----	14.5	21.7	----	36.2	----	51.4	----	15.2	N(CAV)
9	0.40000	----	10.4	21.6	----	32.0	----	47.9	----	15.9	N(CAV)
10	3.43900	----	14.0	21.5	----	35.5	----	46.0	----	10.5	N(CAV)
11	4.66700	----	14.2	21.5	----	35.7	----	46.0	----	10.3	N(CAV)
12	8.59500	----	9.3	21.5	----	30.8	----	50.0	----	19.2	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 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



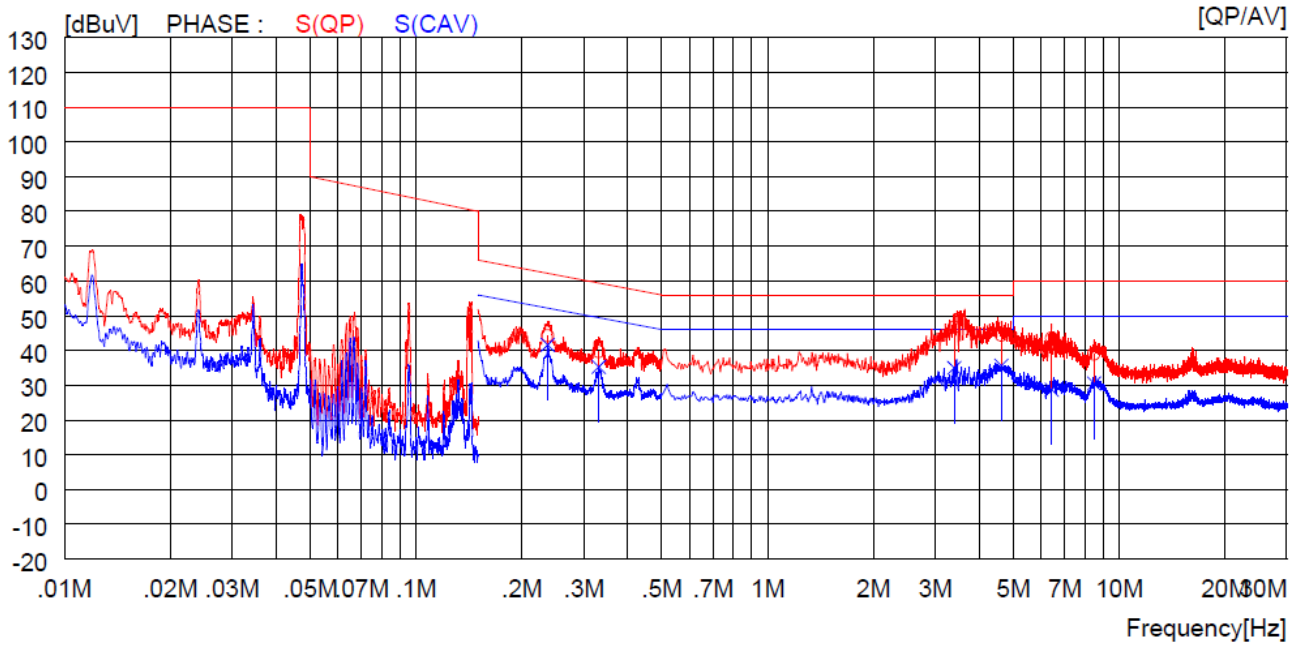
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.25900	22.1	----	21.7	43.8	----	61.5	----	17.7	----	R(QP)
2	0.35900	18.5	----	21.6	40.1	----	58.8	----	18.7	----	R(QP)
3	1.23400	22.6	----	21.5	44.1	----	56.0	----	11.9	----	R(QP)
4	3.36700	23.8	----	21.5	45.3	----	56.0	----	10.7	----	R(QP)
5	3.79000	22.3	----	21.5	43.8	----	56.0	----	12.2	----	R(QP)
6	7.31500	20.3	----	21.5	41.8	----	60.0	----	18.2	----	R(QP)
7	0.25900	----	19.3	21.7	----	41.0	----	51.5	----	10.5	R(CAV)
8	0.35900	----	15.4	21.6	----	37.0	----	48.8	----	11.8	R(CAV)
9	1.23400	----	18.1	21.5	----	39.6	----	46.0	----	6.4	R(CAV)
10	3.36700	----	16.5	21.5	----	38.0	----	46.0	----	8.0	R(CAV)
11	3.79000	----	14.3	21.5	----	35.8	----	46.0	----	10.2	R(CAV)
12	7.31500	----	9.0	21.5	----	30.5	----	50.0	----	19.5	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	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



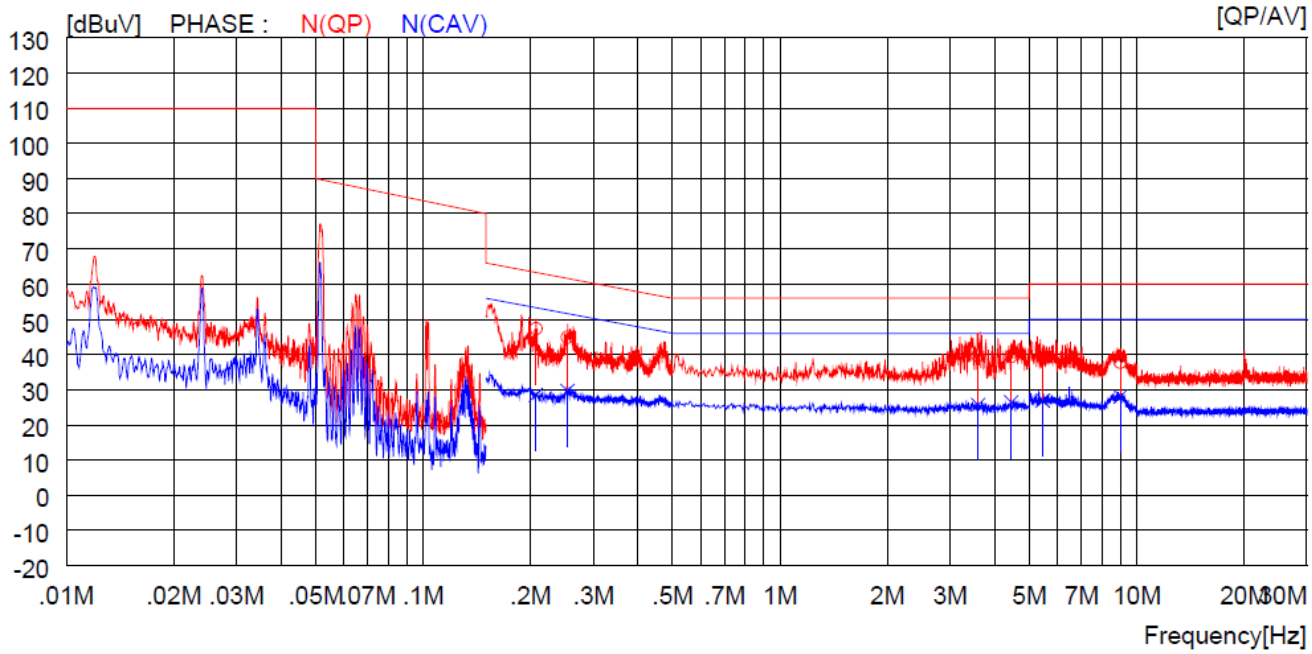
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.23700	22.6	----	21.6	44.2	----	62.2	----	18.0	----	S(QP)
2	0.33100	18.2	----	21.5	39.7	----	59.4	----	19.7	----	S(QP)
3	3.39400	25.2	----	21.5	46.7	----	56.0	----	9.3	----	S(QP)
4	4.62200	22.9	----	21.5	44.4	----	56.0	----	11.6	----	S(QP)
5	6.42500	22.1	----	21.5	43.6	----	60.0	----	16.4	----	S(QP)
6	8.48000	17.5	----	21.5	39.0	----	60.0	----	21.0	----	S(QP)
7	0.23700	----	20.0	21.6	----	41.6	----	52.2	----	10.6	S(CAV)
8	0.33100	----	13.8	21.5	----	35.3	----	49.4	----	14.1	S(CAV)
9	3.39400	----	13.5	21.5	----	35.0	----	46.0	----	11.0	S(CAV)
10	4.62200	----	14.1	21.5	----	35.6	----	46.0	----	10.4	S(CAV)
11	6.42500	----	7.2	21.5	----	28.7	----	50.0	----	21.3	S(CAV)
12	8.48000	----	9.0	21.5	----	30.5	----	50.0	----	19.5	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 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: N



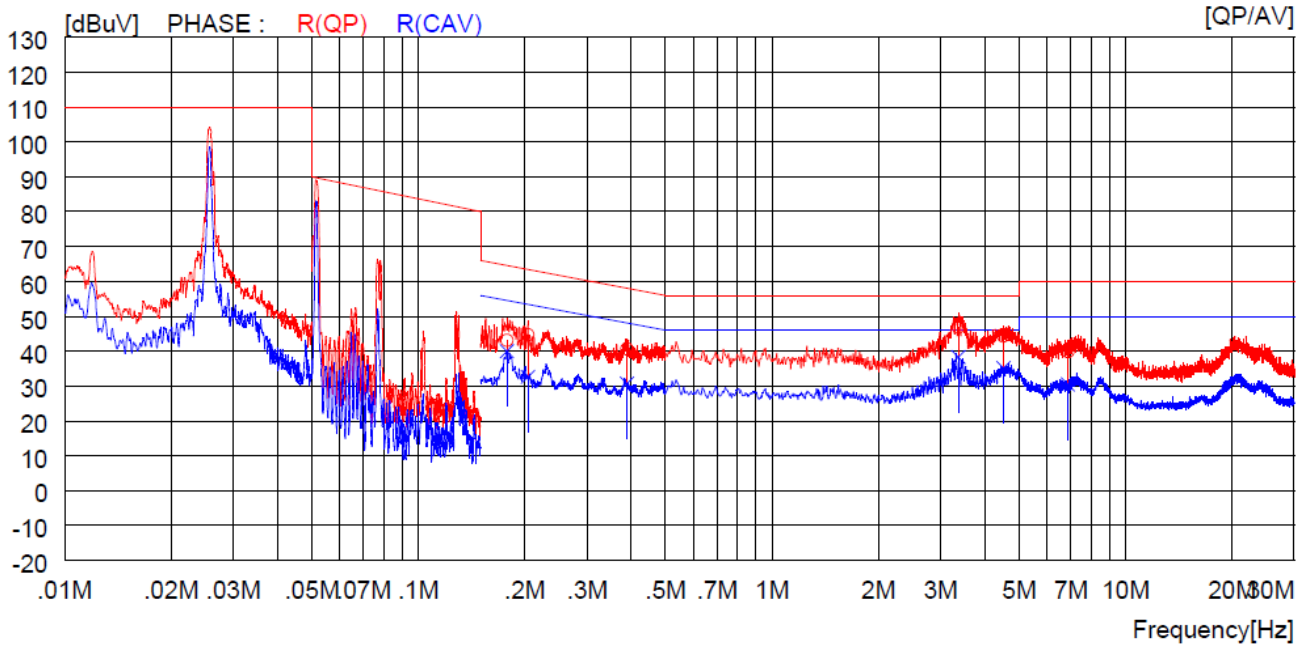
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.20700	25.7	----	21.7	47.4	----	63.3	----	15.9	----	N(QP)
2	0.25400	23.2	----	21.7	44.9	----	61.6	----	16.7	----	N(QP)
3	3.58700	18.2	----	21.5	39.7	----	56.0	----	16.3	----	N(QP)
4	4.44200	17.9	----	21.5	39.4	----	56.0	----	16.6	----	N(QP)
5	5.46000	17.5	----	21.5	39.0	----	60.0	----	21.0	----	N(QP)
6	8.99000	16.3	----	21.5	37.8	----	60.0	----	22.2	----	N(QP)
7	0.20700	----	6.8	21.7	----	28.5	----	53.3	----	24.8	N(CAV)
8	0.25400	----	7.9	21.7	----	29.6	----	51.6	----	22.0	N(CAV)
9	3.58700	----	4.2	21.5	----	25.7	----	46.0	----	20.3	N(CAV)
10	4.44200	----	4.9	21.5	----	26.4	----	46.0	----	19.6	N(CAV)
11	5.46000	----	5.4	21.5	----	26.9	----	50.0	----	23.1	N(CAV)
12	8.99000	----	6.5	21.5	----	28.0	----	50.0	----	22.0	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 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: R



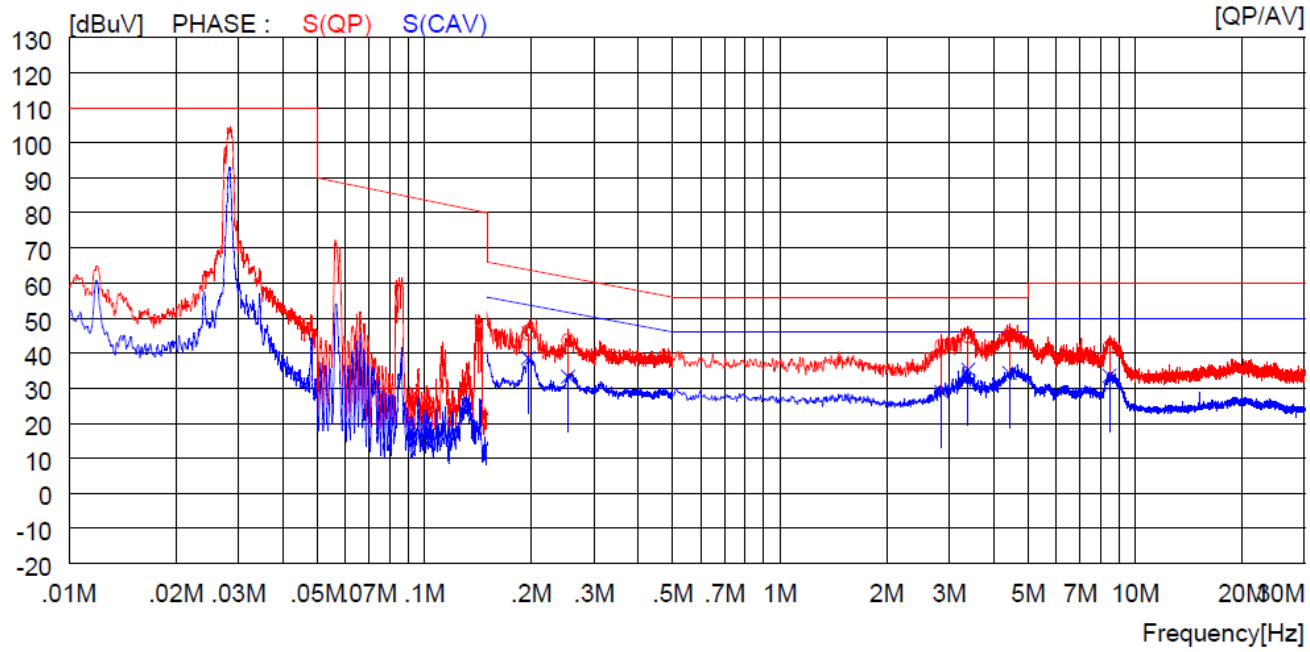
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.17800	21.4	----	21.7	43.1	----	64.6	----	21.5	----	R(QP)
2	0.20400	23.0	----	21.7	44.7	----	63.4	----	18.7	----	R(QP)
3	0.38900	19.0	----	21.6	40.6	----	58.1	----	17.5	----	R(QP)
4	3.36700	25.4	----	21.5	46.9	----	56.0	----	9.1	----	R(QP)
5	4.51400	22.8	----	21.5	44.3	----	56.0	----	11.7	----	R(QP)
6	6.86500	18.4	----	21.5	39.9	----	60.0	----	20.1	----	R(QP)
7	0.17800	----	18.3	21.7	----	40.0	----	54.6	----	14.6	R(CAV)
8	0.20400	----	10.9	21.7	----	32.6	----	53.4	----	20.8	R(CAV)
9	0.38900	----	9.1	21.6	----	30.7	----	48.1	----	17.4	R(CAV)
10	3.36700	----	16.8	21.5	----	38.3	----	46.0	----	7.7	R(CAV)
11	4.51400	----	13.6	21.5	----	35.1	----	46.0	----	10.9	R(CAV)
12	6.86500	----	9.0	21.5	----	30.5	----	50.0	----	19.5	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	: February 13, 2024
Resolution bandwidth	: 9 kHz	Tested Line	: S



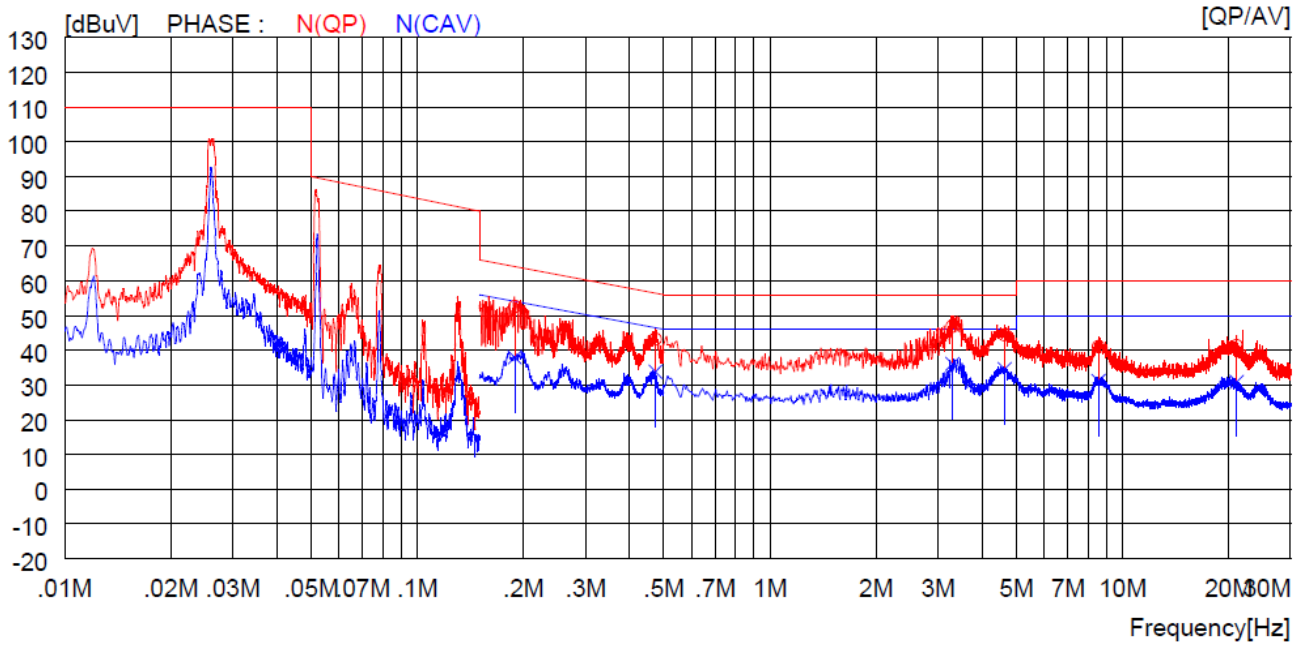
NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.19600	23.9	----	21.6	45.5	----	63.8	----	18.3	----	S(QP)
2	0.25400	22.1	----	21.6	43.7	----	61.6	----	17.9	----	S(QP)
3	2.84900	20.7	----	21.5	42.2	----	56.0	----	13.8	----	S(QP)
4	3.38900	23.2	----	21.5	44.7	----	56.0	----	11.3	----	S(QP)
5	4.42900	24.0	----	21.5	45.5	----	56.0	----	10.5	----	S(QP)
6	8.46500	20.3	----	21.5	41.8	----	60.0	----	18.2	----	S(QP)
7	0.19600	----	17.0	21.6	----	38.6	----	53.8	----	15.2	S(CAV)
8	0.25400	----	11.7	21.6	----	33.3	----	51.6	----	18.3	S(CAV)
9	2.84900	----	7.4	21.5	----	28.9	----	46.0	----	17.1	S(CAV)
10	3.38900	----	13.8	21.5	----	35.3	----	46.0	----	10.7	S(CAV)
11	4.42900	----	12.8	21.5	----	34.3	----	46.0	----	11.7	S(CAV)
12	8.46500	----	12.0	21.5	----	33.5	----	50.0	----	16.5	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 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 13, 2024
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	0.18900	30.8	----	21.7	52.5	----	64.1	----	11.6	----	N(QP)
2	0.47400	21.6	----	21.6	43.2	----	56.4	----	13.2	----	N(QP)
3	3.29500	25.4	----	21.5	46.9	----	56.0	----	9.1	----	N(QP)
4	4.63100	22.9	----	21.5	44.4	----	56.0	----	11.6	----	N(QP)
5	8.54500	19.5	----	21.5	41.0	----	60.0	----	19.0	----	N(QP)
6	21.07000	19.9	----	21.4	41.3	----	60.0	----	18.7	----	N(QP)
7	0.18900	----	16.2	21.7	----	37.9	----	54.1	----	16.2	N(CAV)
8	0.47400	----	12.2	21.6	----	33.8	----	46.4	----	12.6	N(CAV)
9	3.29500	----	14.6	21.5	----	36.1	----	46.0	----	9.9	N(CAV)
10	4.63100	----	13.1	21.5	----	34.6	----	46.0	----	11.4	N(CAV)
11	8.54500	----	9.6	21.5	----	31.1	----	50.0	----	18.9	N(CAV)
12	21.07000	----	9.5	21.4	----	30.9	----	50.0	----	19.1	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 : 24.5 °C

Relative humidity : (46.4 ~ 46.5) % 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 : 4.7dB

Radiated emission electric field intensity, 30 MHz ~ 1 000 MHz : 4.7dB

Radiated emission electric field intensity, 1 000 MHz ~ 6 000 MHz : 6.1dB

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)=20Log(Limit 1 500)(dBμV/m)+40Log(30m/10m) (Below 30 MHz)
=63.52(dBμV/m)+19.08(dBμV/m)=82.60(dBμV/m)

Note 2: Limit 10m(dBμV/m)= 20Log(Limit 1 500)(dBμV/m)+20Log(30m/10m) (Above 30 MHz)
=63.52(dBμV/m)+9.54(dBμV/m)=73.06(dBμV/m)

Note 3: Limit 3m(dBμV/m)= 20Log(Limit 1 500)(dBμV/m)+20Log(30m/3m) (Above 30 MHz)
=63.52(dBμV/m)+20(dBμV/m)=83.52(dBμV/m)

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, 2023 (1Y)
■ -	PAM-118A	Com-Power	Preamplifier	18040081	Oct. 16, 2023 (1Y)
■ -	PAM-840A	Com-Power	Preamplifier	461339	Oct. 16, 2023 (1Y)

All test equipment used is calibrated on a regular basis.

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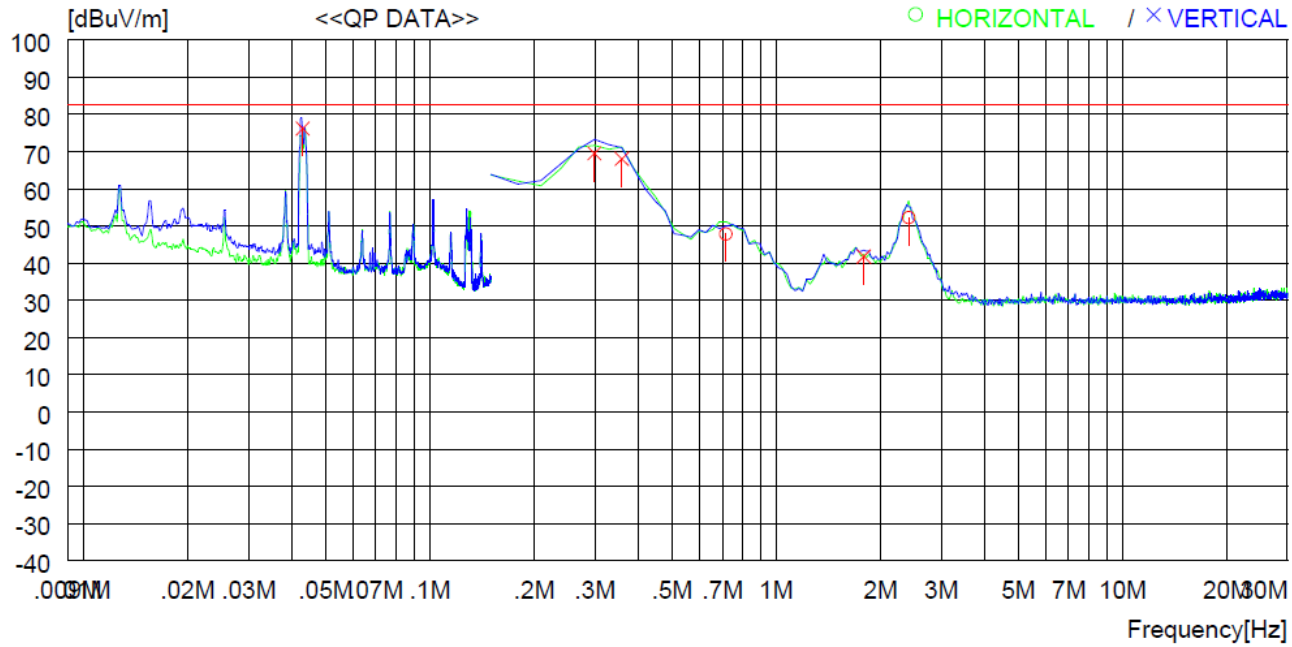
5.2.6 Test Data

5.2.6.1 Operating Condition: AC 208 V / 60 Hz

-. Test Result : Pass

Tested by: Young-Jae, Kim / Project Engineer

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
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	0.717	28.4	18.9	0.5	0.0	47.8	82.6	34.8	100	224
2	2.419	32.6	19.0	0.6	0.0	52.2	82.6	30.4	100	1
----- Vertical ------										
3	0.043	57.0	19.0	0.2	0.0	76.2	82.6	6.4	100	359
4	0.299	50.1	19.0	0.4	0.0	69.5	82.6	13.1	100	52
5	0.359	48.6	19.0	0.4	0.0	68.0	82.6	14.6	100	302
6	1.792	22.3	18.9	0.6	0.0	41.8	82.6	40.8	100	128

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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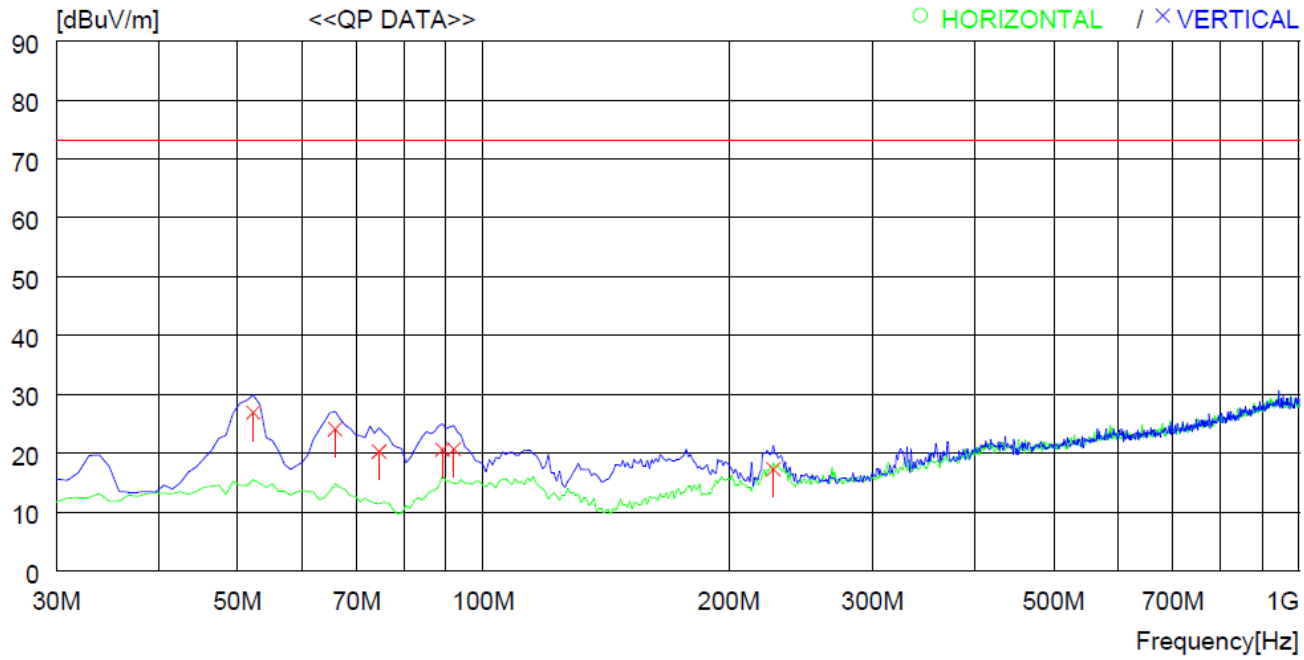
Cooking Areas 1			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	52.310	38.8	13.7	2.8	28.4	26.9	73.1	46.2	100	359
2	65.890	38.1	11.3	3.0	28.3	24.1	73.1	49.0	200	359
3	74.620	36.6	8.8	3.2	28.3	20.3	73.1	52.8	200	356
4	89.170	35.1	10.3	3.5	28.3	20.6	73.1	52.5	100	359
5	92.080	34.5	10.9	3.6	28.3	20.7	73.1	52.4	100	359
6	226.910	27.8	11.8	5.8	28.1	17.3	73.1	55.8	100	14

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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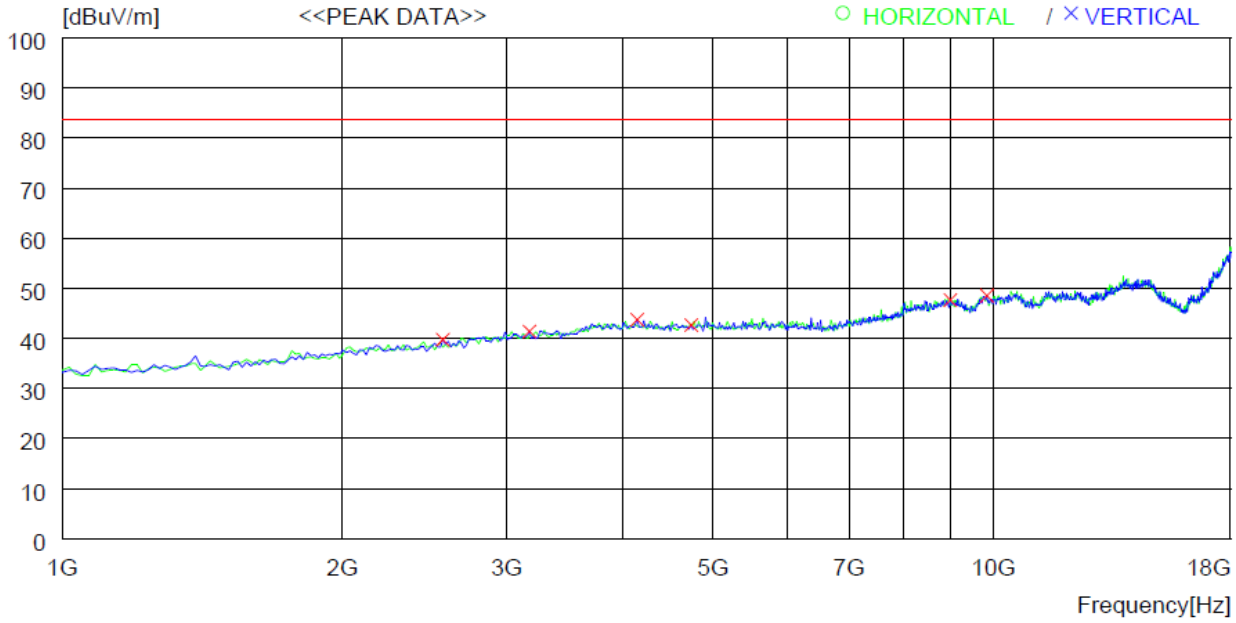
Cooking Areas 1			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	2564.000	48.6	28.6	2.2	39.7	39.7	83.5	43.8	100	236
2	3176.000	48.3	30.4	2.6	39.9	41.4	83.5	42.1	100	359
3	4145.000	48.4	32.5	2.9	40.1	43.7	83.5	39.8	100	359
4	4740.000	46.9	32.8	3.1	40.2	42.6	83.5	40.9	100	327
5	8990.000	45.0	38.6	4.2	40.2	47.6	83.5	35.9	100	359
6	9840.000	45.9	38.1	4.6	40.1	48.5	83.5	35	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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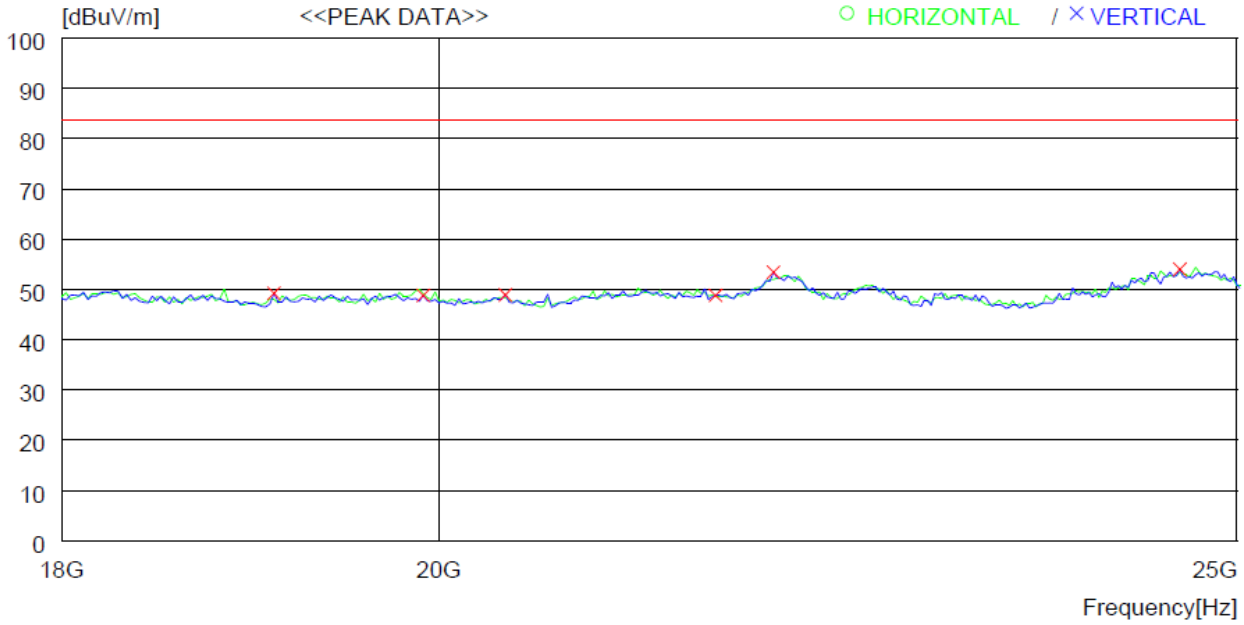
Cooking Areas 1			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	19100.000	39.0	40.3	10.4	40.5	49.2	83.5	34.3	100	212
2	19914.000	39.2	40.3	10.9	41.6	48.8	83.5	34.7	100	212
3	20376.000	39.9	40.2	10.8	42.0	48.9	83.5	34.6	100	9
4	21608.000	40.0	40.3	11.1	42.6	48.8	83.5	34.7	100	212
5	21960.000	44.6	40.2	11.5	42.9	53.4	83.5	30.1	100	212
6	24600.000	45.1	40.2	11.8	43.1	54.0	83.5	29.5	100	212

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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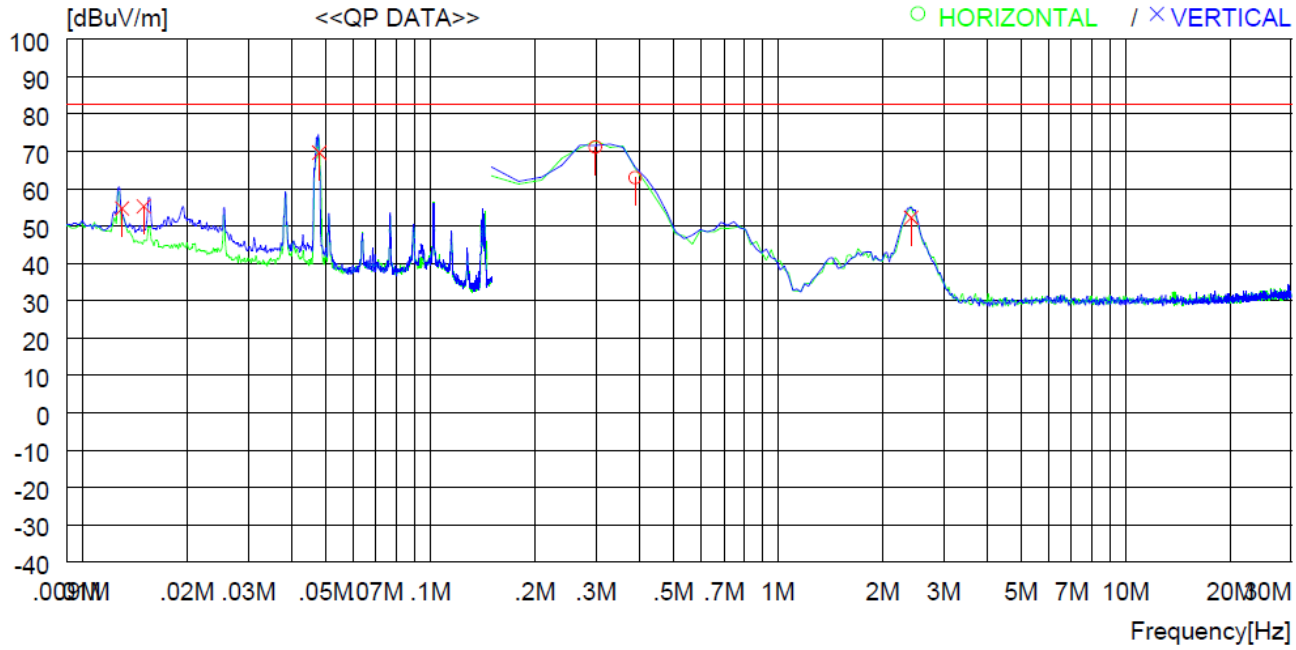
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	0.299	51.7	19.0	0.4	0.0	71.1	82.6	11.5	100	295
2	0.389	43.5	19.0	0.4	0.0	62.9	82.6	19.7	100	251
----- Vertical ------										
3	0.013	35.6	19.0	0.1	0.0	54.7	82.6	27.9	100	359
4	0.015	36.1	19.0	0.1	0.0	55.2	82.6	27.4	100	359
5	0.048	50.4	19.0	0.2	0.0	69.6	82.6	13.0	100	357
6	2.419	32.6	19.0	0.6	0.0	52.2	82.6	30.4	100	131

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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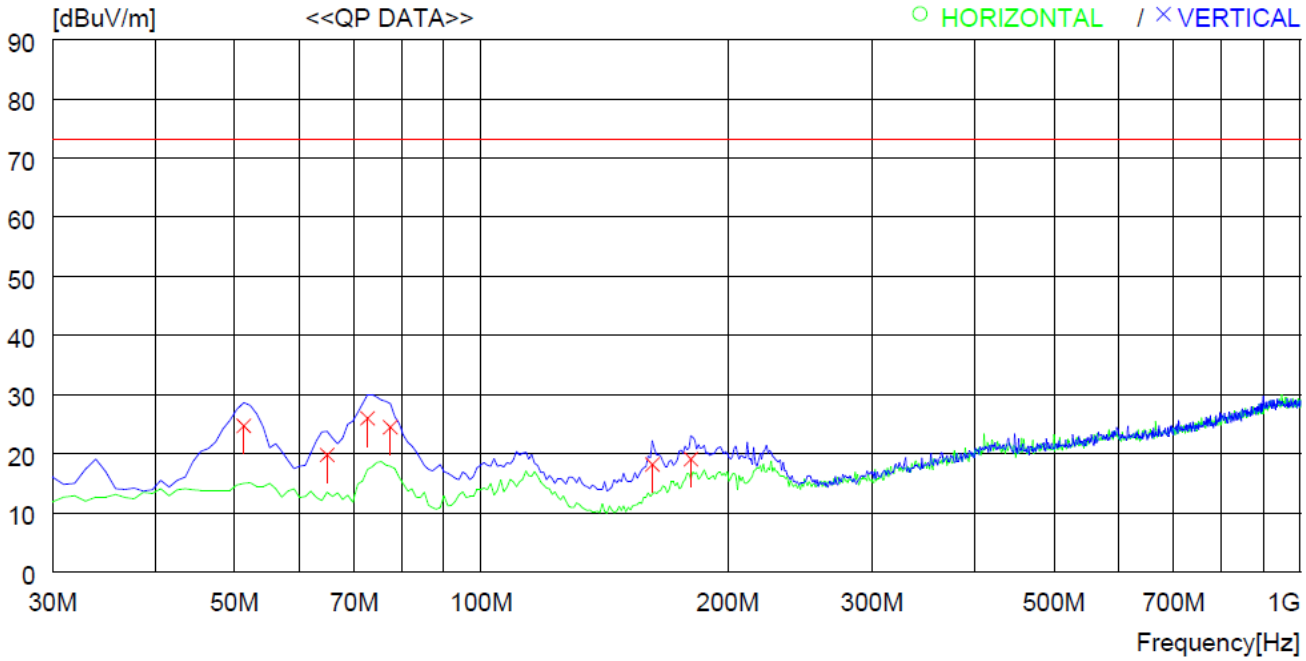
Cooking Areas 2			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	51.340	36.5	13.8	2.8	28.4	24.7	73.1	48.4	100	359
2	64.920	33.5	11.6	3.0	28.3	19.8	73.1	53.3	200	0
3	72.680	41.8	9.3	3.2	28.3	26.0	73.1	47.1	200	315
4	77.530	41.4	8.1	3.3	28.3	24.5	73.1	48.6	200	267
5	161.920	32.7	8.9	4.8	28.2	18.2	73.1	54.9	100	312
6	180.350	32.3	9.7	5.3	28.2	19.1	73.1	54.0	100	112

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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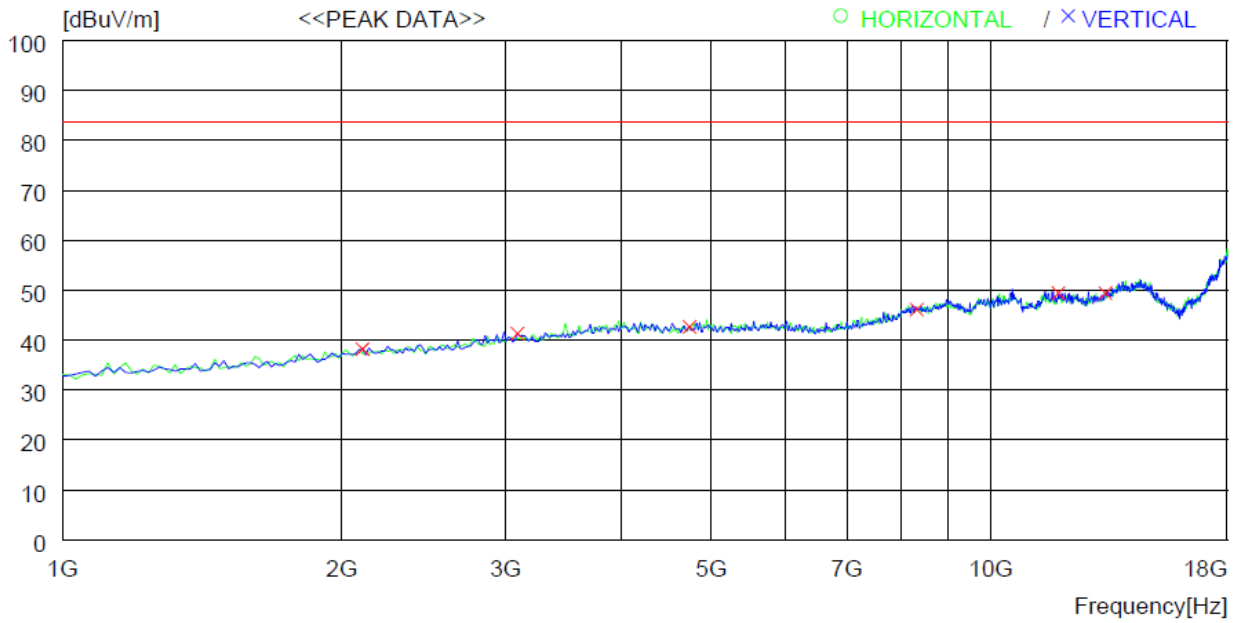
Cooking Areas 2			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	2105.000	48.0	27.6	2.1	39.5	38.2	83.5	45.3	100	325
2	3091.000	48.4	30.2	2.5	39.8	41.3	83.5	42.2	100	359
3	4740.000	46.9	32.8	3.1	40.2	42.6	83.5	40.9	100	109
4	8327.000	44.4	38.0	4.2	40.5	46.1	83.5	37.4	100	19
5	11829.000	45.8	39.2	5.1	40.7	49.4	83.5	34.1	100	359
6	13291.000	44.6	39.9	5.4	40.5	49.4	83.5	34.1	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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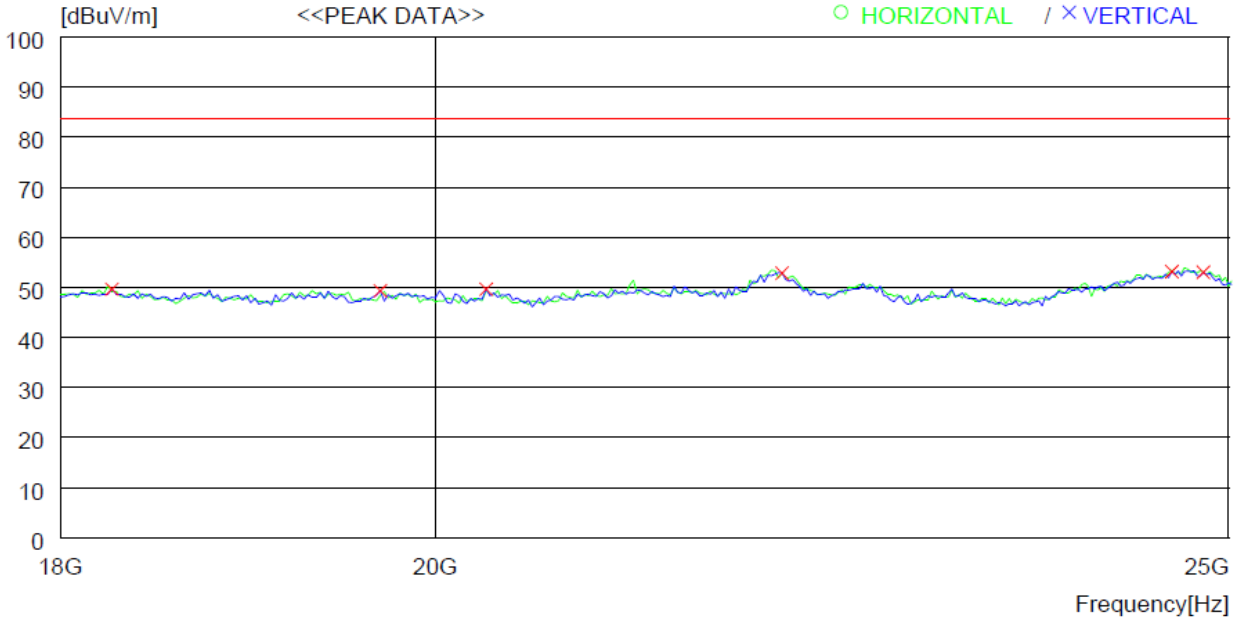
Cooking Areas 2			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	18264.000	38.8	40.3	10.2	39.7	49.6	83.5	33.9	100	0
2	19694.000	39.8	40.2	10.6	41.3	49.3	83.5	34.2	100	199
3	20288.000	40.5	40.2	10.8	41.9	49.6	83.5	33.9	100	0
4	22048.000	44.0	40.2	11.5	42.9	52.8	83.5	30.7	100	69
5	24600.000	44.2	40.2	11.8	43.1	53.1	83.5	30.4	100	199
6	24820.000	43.9	40.3	11.8	43.0	53.0	83.5	30.5	100	199

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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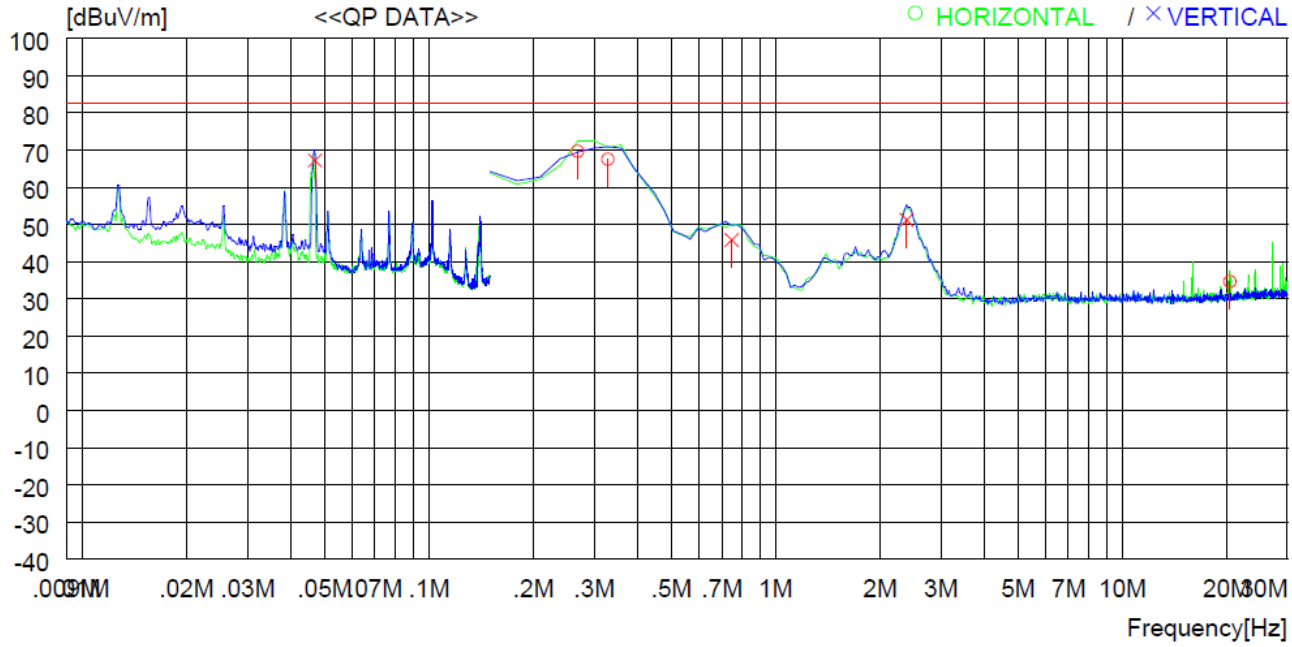
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	0.269	50.3	19.0	0.3	0.0	69.6	82.6	13.0	100	352
2	0.329	48.1	19.0	0.4	0.0	67.5	82.6	15.1	100	118
3	20.448	13.4	19.6	1.6	0.0	34.6	82.6	48.0	100	340
----- Vertical ------										
4	0.047	48.0	19.0	0.2	0.0	67.2	82.6	15.4	100	359
5	0.747	26.4	18.9	0.5	0.0	45.8	82.6	36.8	100	0
6	2.389	31.6	19.0	0.6	0.0	51.2	82.6	31.4	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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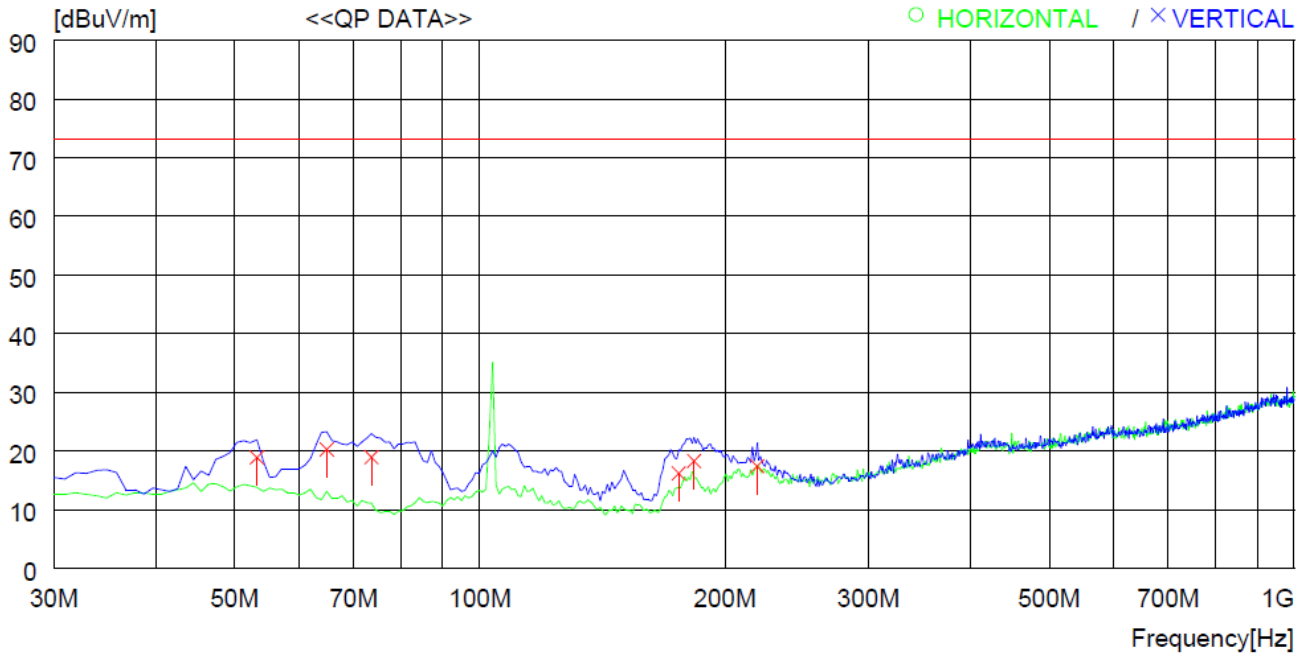
Cooking Areas 3			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	53.280	30.8	13.7	2.8	28.4	18.9	73.1	54.2	100	0
2	64.920	34.0	11.6	3.0	28.3	20.3	73.1	52.8	100	1
3	73.650	35.0	9.1	3.2	28.3	19.0	73.1	54.1	200	359
4	175.500	29.7	9.5	5.2	28.2	16.2	73.1	56.9	100	0
5	183.260	31.3	9.9	5.3	28.2	18.3	73.1	54.8	100	0
6	219.150	28.3	11.5	5.7	28.1	17.4	73.1	55.7	100	17

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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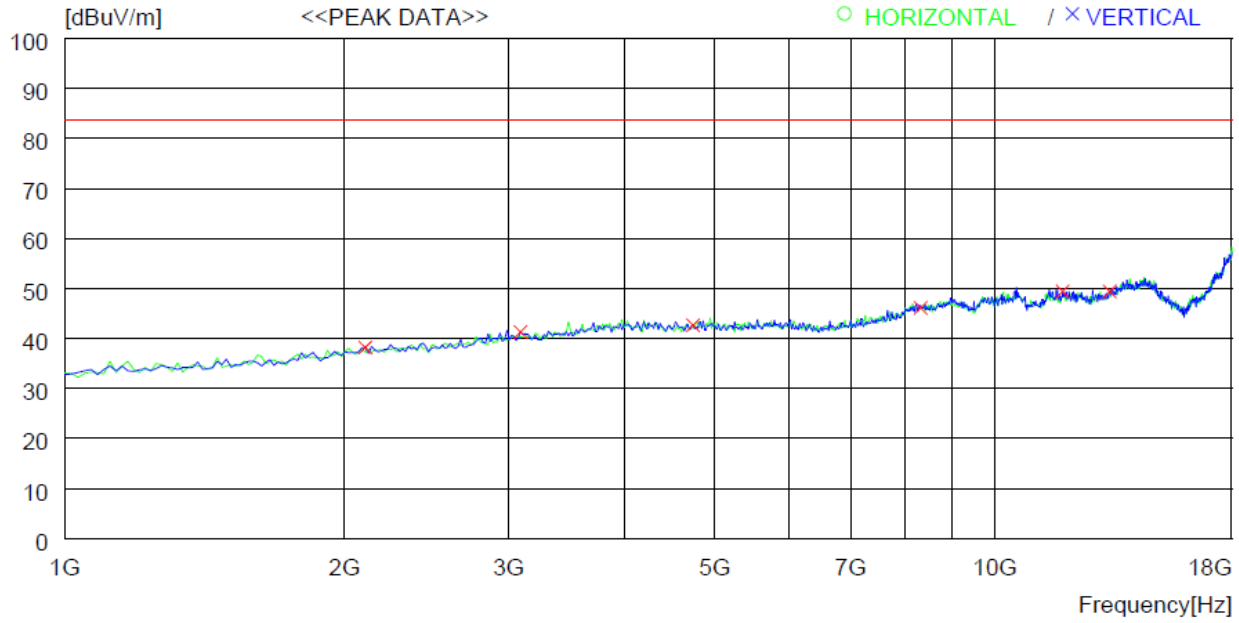
Cooking Areas 3			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	2105.000	48.0	27.6	2.1	39.5	38.2	83.5	45.3	100	325
2	3091.000	48.4	30.2	2.5	39.8	41.3	83.5	42.2	100	359
3	4740.000	46.9	32.8	3.1	40.2	42.6	83.5	40.9	100	109
4	8327.000	44.4	38.0	4.2	40.5	46.1	83.5	37.4	100	19
5	11829.000	45.8	39.2	5.1	40.7	49.4	83.5	34.1	100	359
6	13291.000	44.6	39.9	5.4	40.5	49.4	83.5	34.1	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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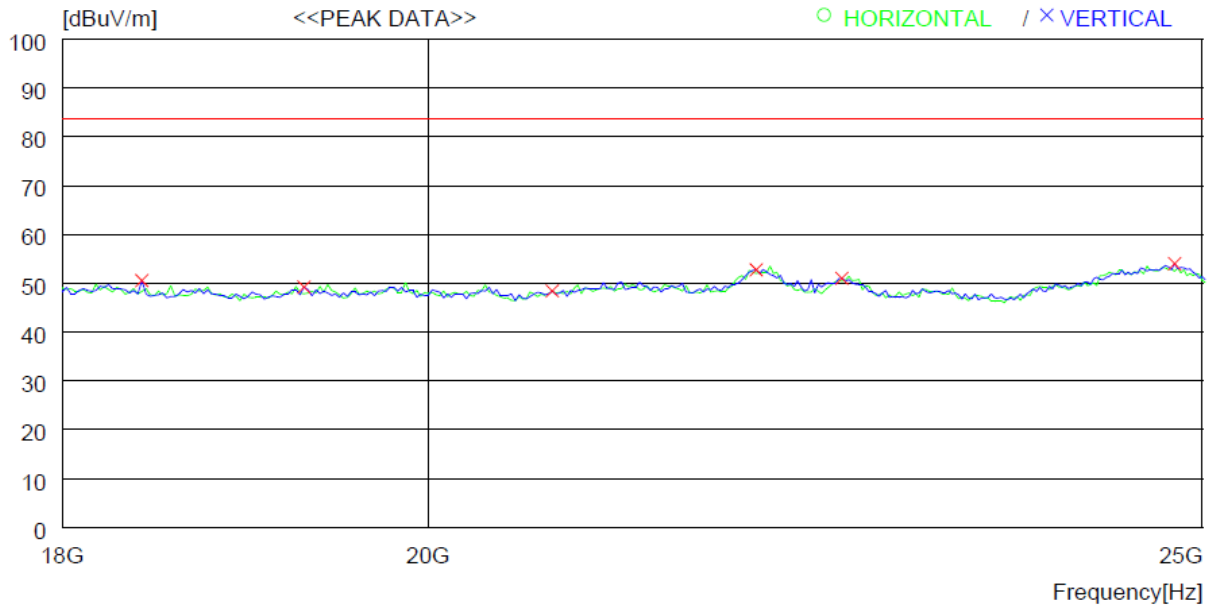
Cooking Areas 3			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	18418.000	39.6	40.4	10.2	39.7	50.5	83.5	33	100	265
2	19298.000	39.4	40.2	10.4	40.8	49.2	83.5	34.3	100	265
3	20728.000	39.0	40.2	11.4	42.2	48.4	83.5	35.1	100	79
4	21982.000	43.9	40.2	11.5	42.9	52.7	83.5	30.8	100	120
5	22532.000	42.9	40.1	11.0	43.0	51.0	83.5	32.5	100	14
6	24798.000	44.9	40.3	11.8	43.0	54.0	83.5	29.5	100	265

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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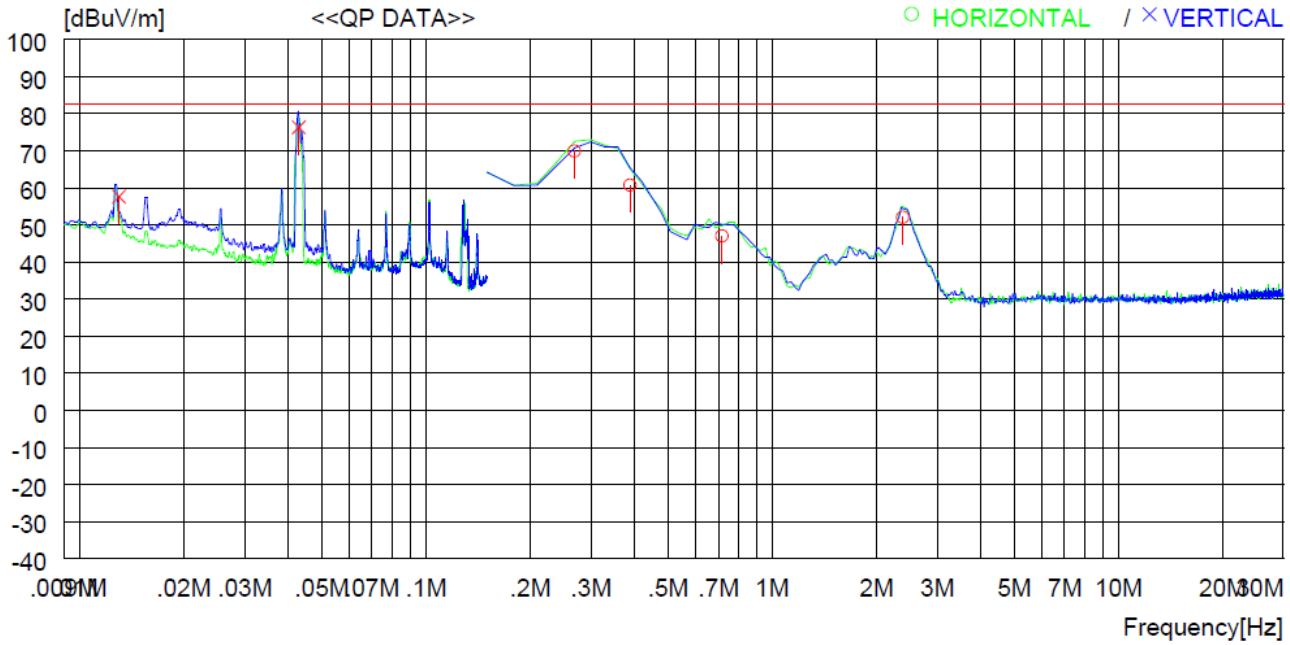
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	0.269	50.6	19.0	0.3	0.0	69.9	82.6	12.7	100	0
2	0.389	41.3	19.0	0.4	0.0	60.7	82.6	21.9	100	0
3	0.717	27.6	18.9	0.5	0.0	47.0	82.6	35.6	100	0
4	2.389	32.4	19.0	0.6	0.0	52.0	82.6	30.6	100	0
----- Vertical ------										
5	0.013	38.5	19.0	0.1	0.0	57.6	82.6	25.0	100	359
6	0.043	57.1	19.0	0.2	0.0	76.3	82.6	6.3	100	326

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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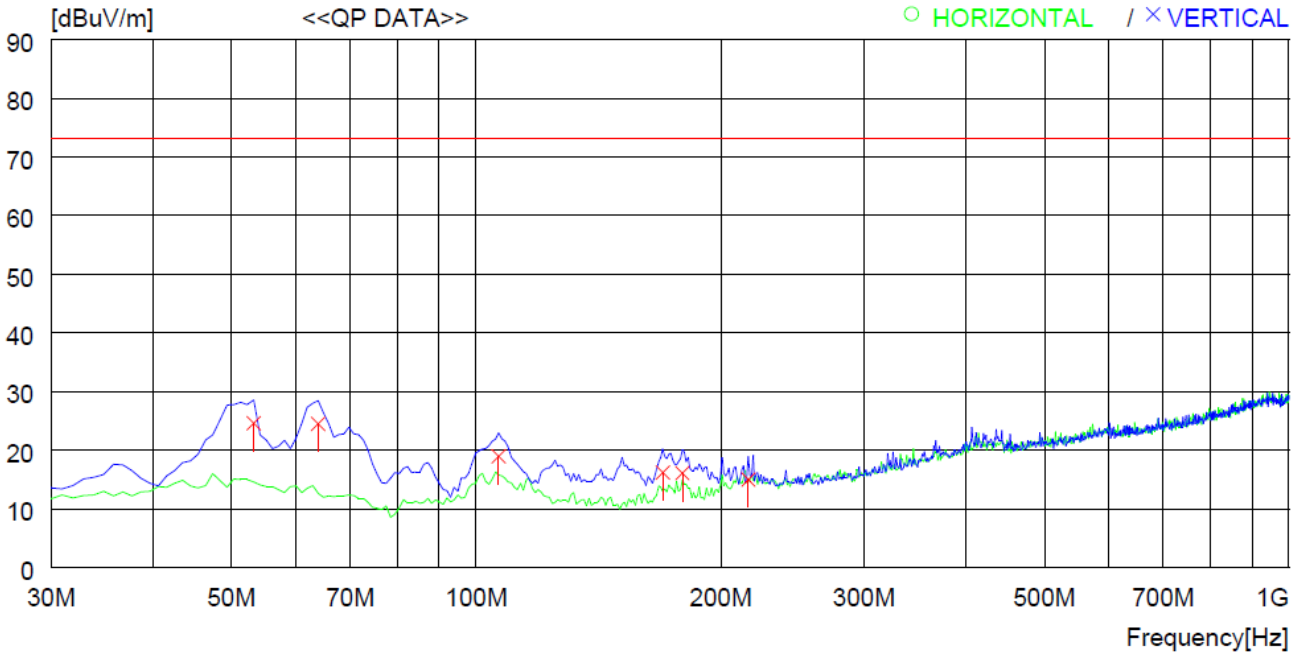
Cooking Areas 4			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	53.280	36.5	13.7	2.8	28.4	24.6	73.1	48.5	100	0
2	63.950	37.9	11.9	3.0	28.3	24.5	73.1	48.6	100	1
3	106.630	31.5	11.7	4.1	28.3	19.0	73.1	54.1	100	250
4	169.680	30.1	9.2	5.1	28.2	16.2	73.1	56.9	100	12
5	179.380	29.3	9.7	5.3	28.2	16.1	73.1	57.0	100	0
6	216.240	26.2	11.3	5.6	28.1	15.0	73.1	58.1	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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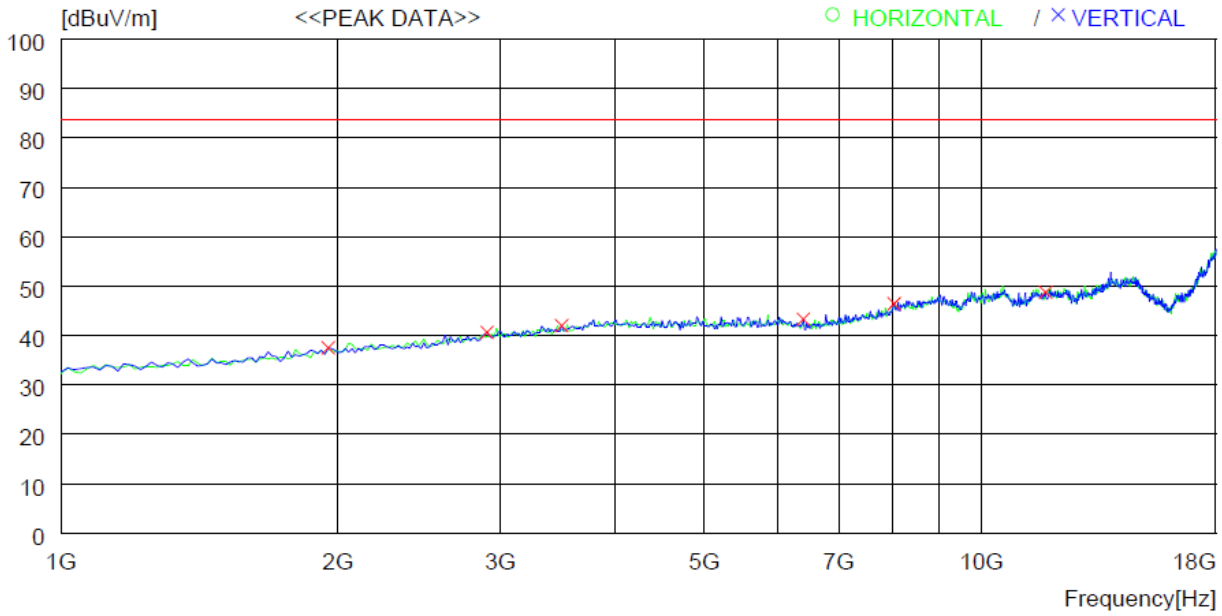
Cooking Areas 4			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	1952.000	47.8	27.2	2.0	39.5	37.5	83.5	46	100	58
2	2904.000	48.3	29.7	2.4	39.8	40.6	83.5	42.9	100	76
3	3499.000	48.1	31.1	2.7	39.9	42.0	83.5	41.5	100	359
4	6406.000	45.8	34.3	3.6	40.4	43.3	83.5	40.2	100	50
5	8038.000	45.6	37.3	4.1	40.6	46.4	83.5	37.1	100	82
6	11744.000	45.1	39.1	5.1	40.6	48.7	83.5	34.8	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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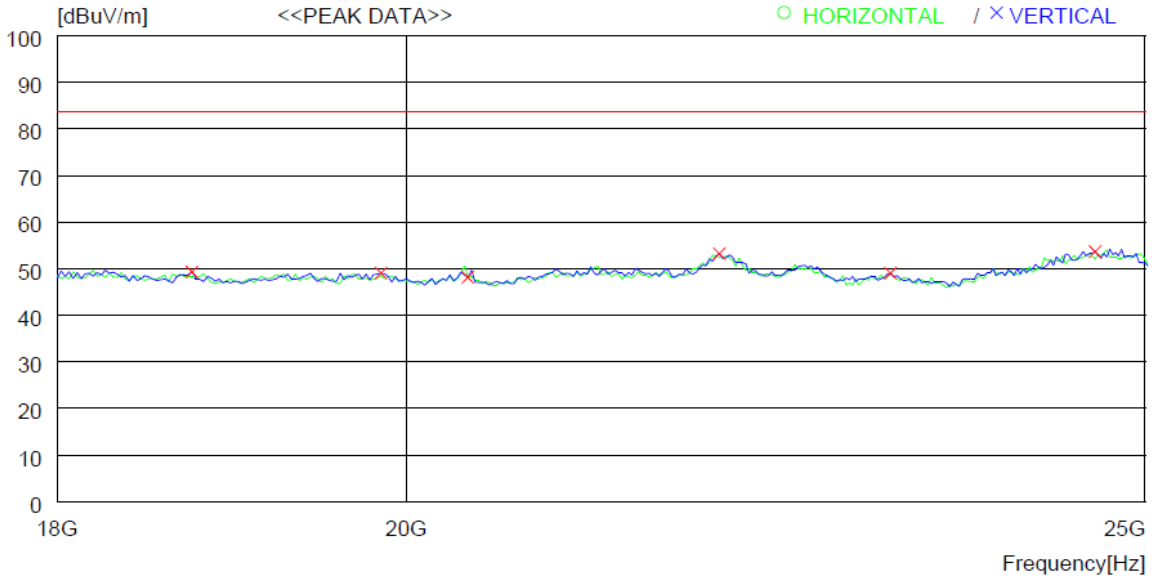
Cooking Areas 4			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	18748.000	38.6	40.4	10.3	40.0	49.3	83.5	34.2	100	319
2	19848.000	39.4	40.3	10.8	41.5	49.0	83.5	34.5	100	319
3	20376.000	39.1	40.2	10.8	42.0	48.1	83.5	35.4	100	192
4	21982.000	44.4	40.2	11.5	42.9	53.2	83.5	30.3	100	168
5	23148.000	41.0	40.1	11.0	43.1	49.0	83.5	34.5	100	200
6	24622.000	44.7	40.2	11.8	43.1	53.6	83.5	29.9	100	319

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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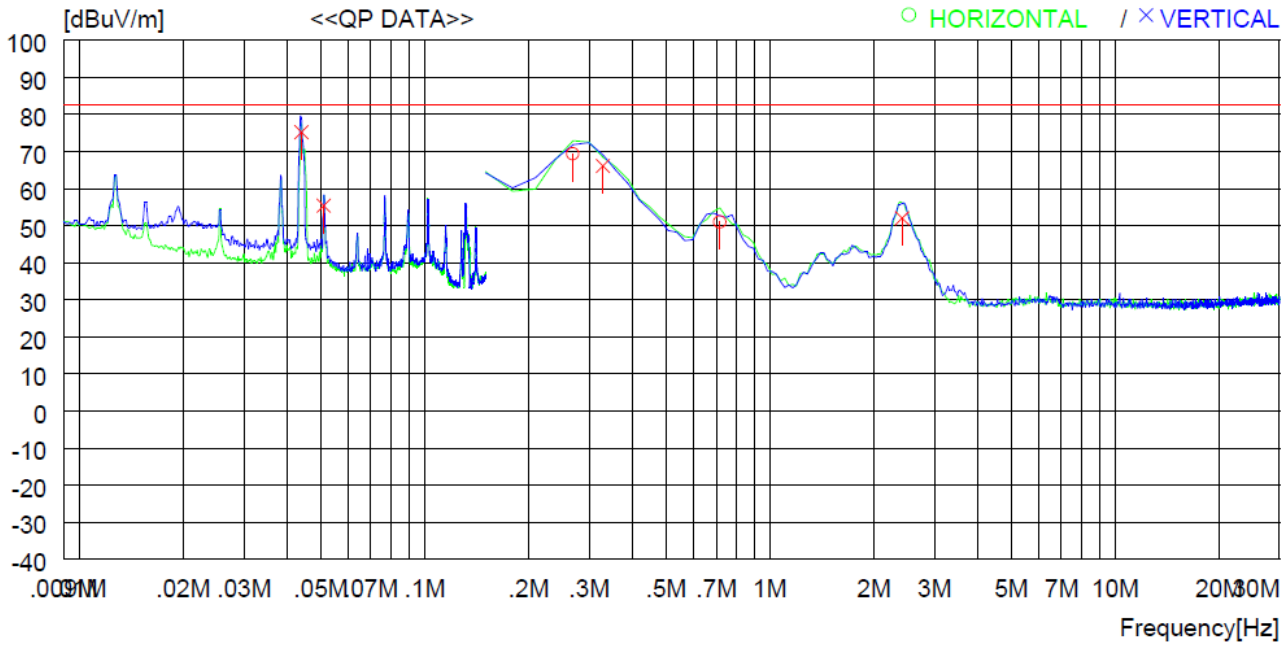
5.2.6.2 Operating Condition: AC 240 V / 60 Hz

-. Test Result : Pass

Cooking Areas 1			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
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	0.269	50.1	19.0	0.3	0.0	69.4	82.6	13.2	100	16
2	0.717	31.6	18.9	0.5	0.0	51.0	82.6	31.6	100	0
----- Vertical ------										
3	0.044	56.0	19.0	0.2	0.0	75.2	82.6	7.4	100	359
4	0.051	36.2	19.0	0.2	0.0	55.4	82.6	27.2	100	186
5	0.329	46.7	19.0	0.4	0.0	66.1	82.6	16.5	100	0
6	2.419	32.4	19.0	0.6	0.0	52.0	82.6	30.6	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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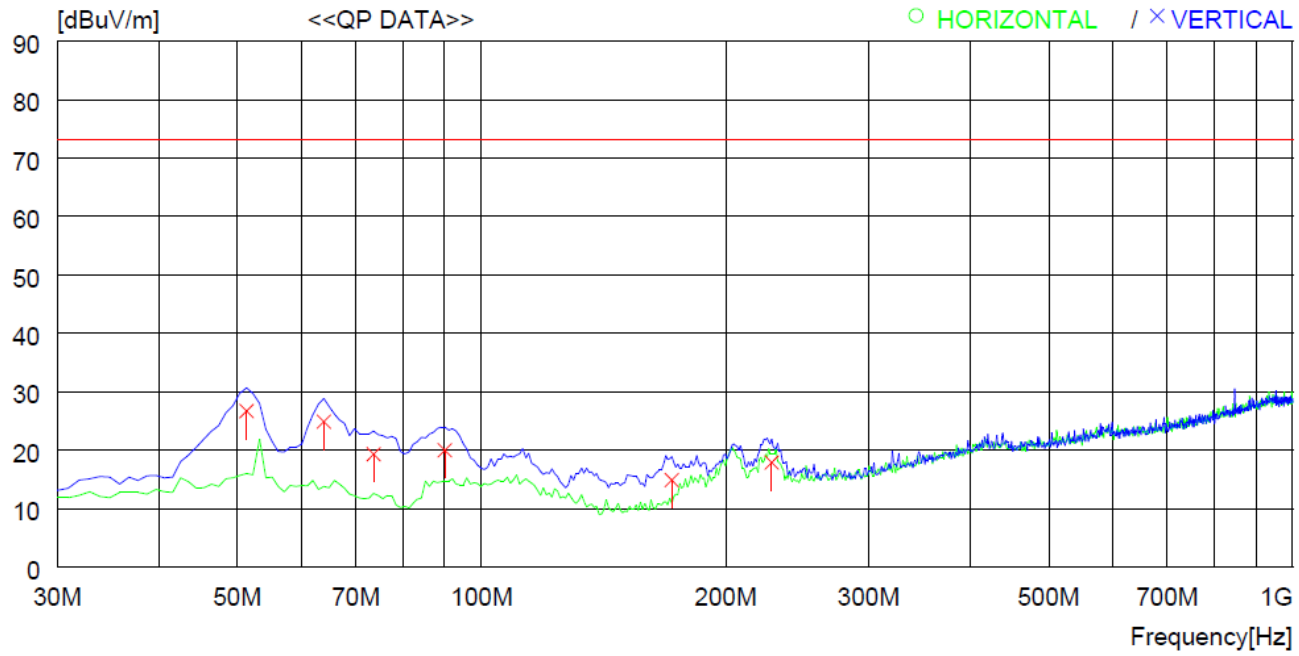
Cooking Areas 1			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	51.340	38.5	13.8	2.8	28.4	26.7	73.1	46.4	100	0
2	63.950	38.3	11.9	3.0	28.3	24.9	73.1	48.2	100	66
3	73.650	35.3	9.1	3.2	28.3	19.3	73.1	53.8	200	20
4	90.140	34.3	10.5	3.5	28.3	20.0	73.1	53.1	100	39
5	171.620	28.7	9.3	5.1	28.2	14.9	73.1	58.2	100	0
6	227.880	28.3	11.8	5.8	28.0	17.9	73.1	55.2	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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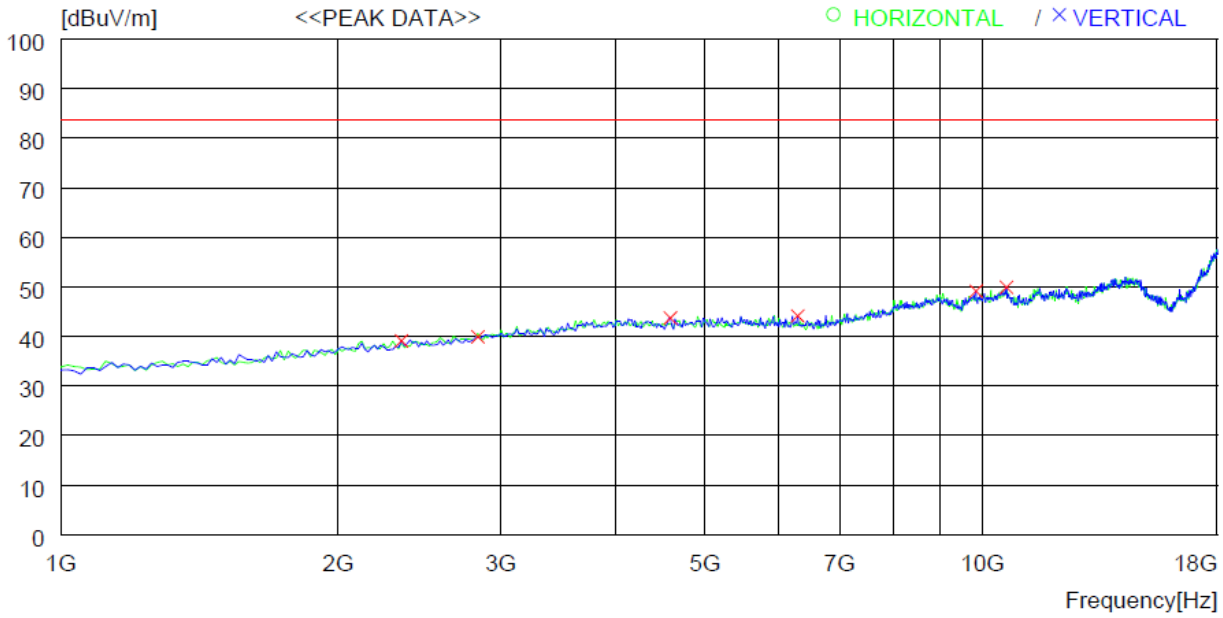
Cooking Areas 1			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	2343.000	48.4	28.1	2.2	39.6	39.1	83.5	44.4	100	303
2	2836.000	47.9	29.5	2.3	39.8	39.9	83.5	43.6	100	359
3	4587.000	48.2	32.6	3.1	40.2	43.7	83.5	39.8	100	359
4	6304.000	46.6	34.3	3.6	40.4	44.1	83.5	39.4	100	194
5	9840.000	46.5	38.1	4.6	40.1	49.1	83.5	34.4	100	359
6	10622.000	47.3	38.0	4.9	40.3	49.9	83.5	33.6	100	201

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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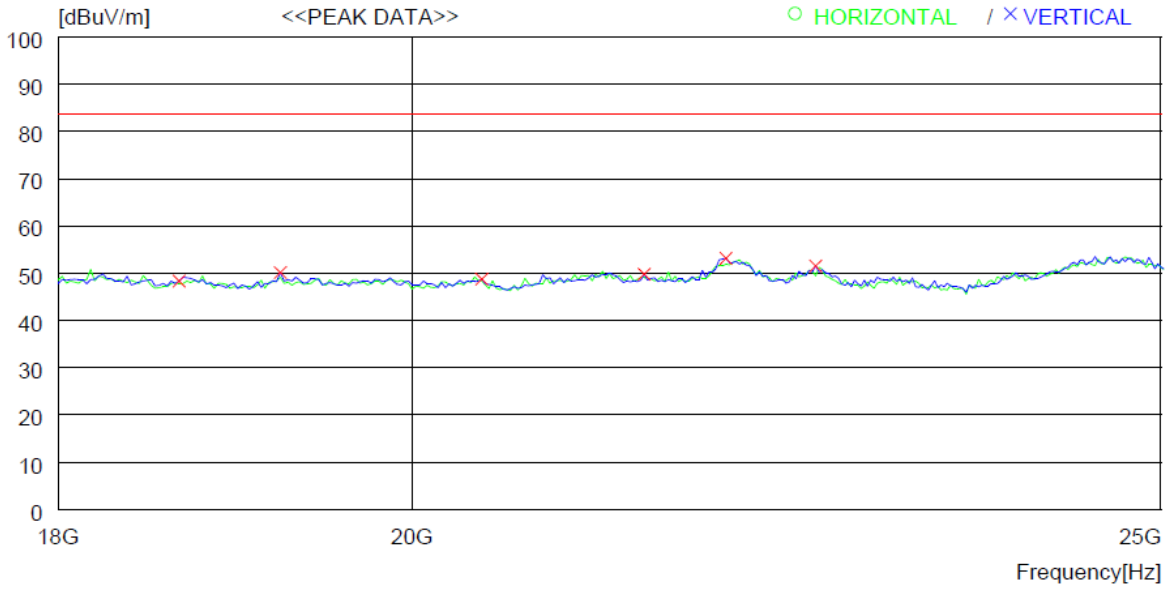
Cooking Areas 1			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	18660.000	37.5	40.4	10.3	39.9	48.3	83.5	35.2	100	243
2	19232.000	40.1	40.3	10.4	40.7	50.1	83.5	33.4	100	210
3	20420.000	39.8	40.2	10.7	42.0	48.7	83.5	34.8	100	234
4	21432.000	40.8	40.3	11.2	42.5	49.8	83.5	33.7	100	268
5	21960.000	44.3	40.2	11.5	42.9	53.1	83.5	30.4	100	325
6	22554.000	43.4	40.1	11.0	43.0	51.5	83.5	32	100	154

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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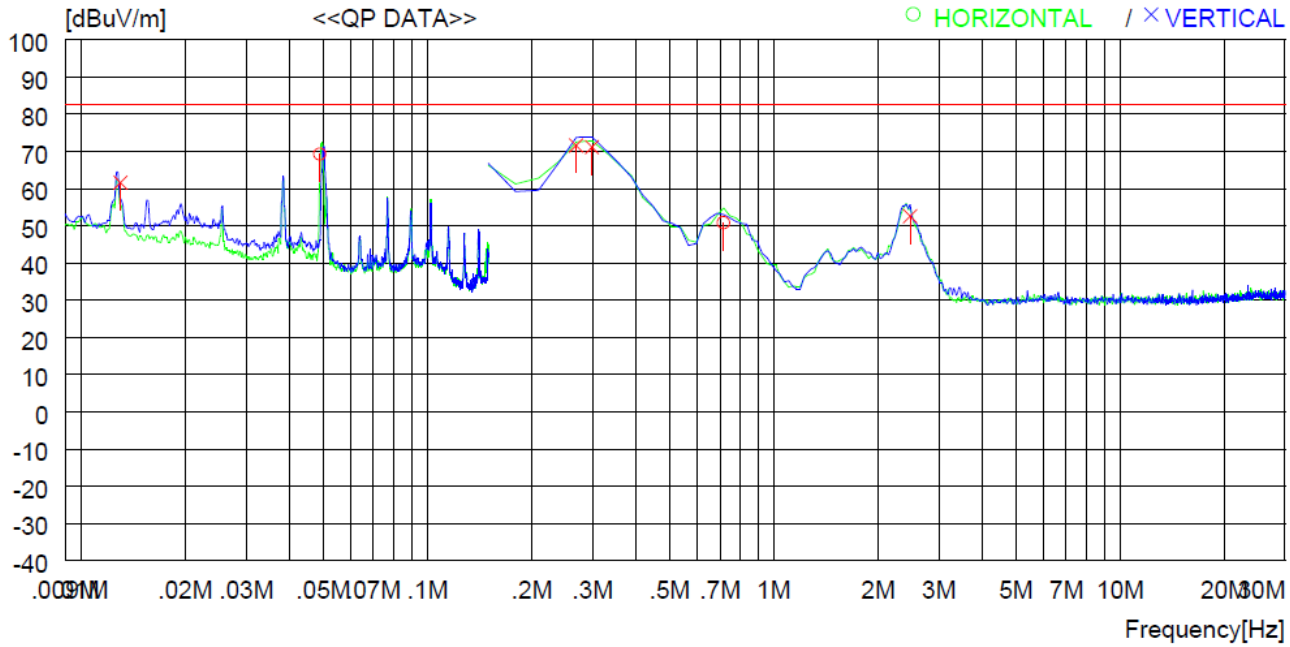
Cooking Areas 2			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	0.049	50.1	19.0	0.2	0.0	69.3	82.6	13.3	100	50
2	0.717	31.4	18.9	0.5	0.0	50.8	82.6	31.8	100	326
----- Vertical ------										
3	0.013	42.5	19.0	0.1	0.0	61.6	82.6	21.0	100	214
4	0.269	52.3	19.0	0.3	0.0	71.6	82.6	11.0	100	0
5	0.299	51.7	19.0	0.4	0.0	71.1	82.6	11.5	100	0
6	2.478	33.0	19.0	0.6	0.0	52.6	82.6	30.0	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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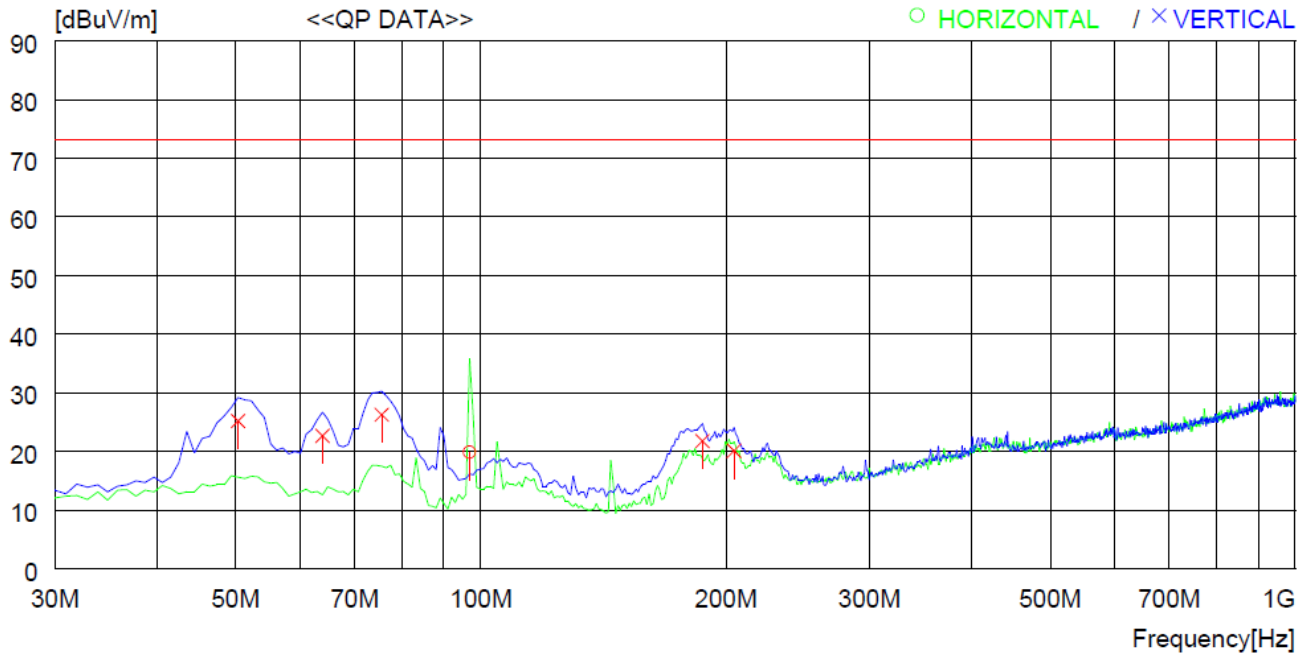
Cooking Areas 2			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	96.930	32.5	12.0	3.7	28.3	19.9	73.1	53.2	300	0
----- Vertical ------										
2	50.370	36.9	13.9	2.8	28.4	25.2	73.1	47.9	100	0
3	63.950	36.1	11.9	3.0	28.3	22.7	73.1	50.4	100	12
4	75.590	42.8	8.6	3.2	28.3	26.3	73.1	46.8	200	299
5	187.140	34.6	10.1	5.3	28.2	21.8	73.1	51.3	100	301
6	204.600	31.9	10.9	5.5	28.2	20.1	73.1	53.0	100	167

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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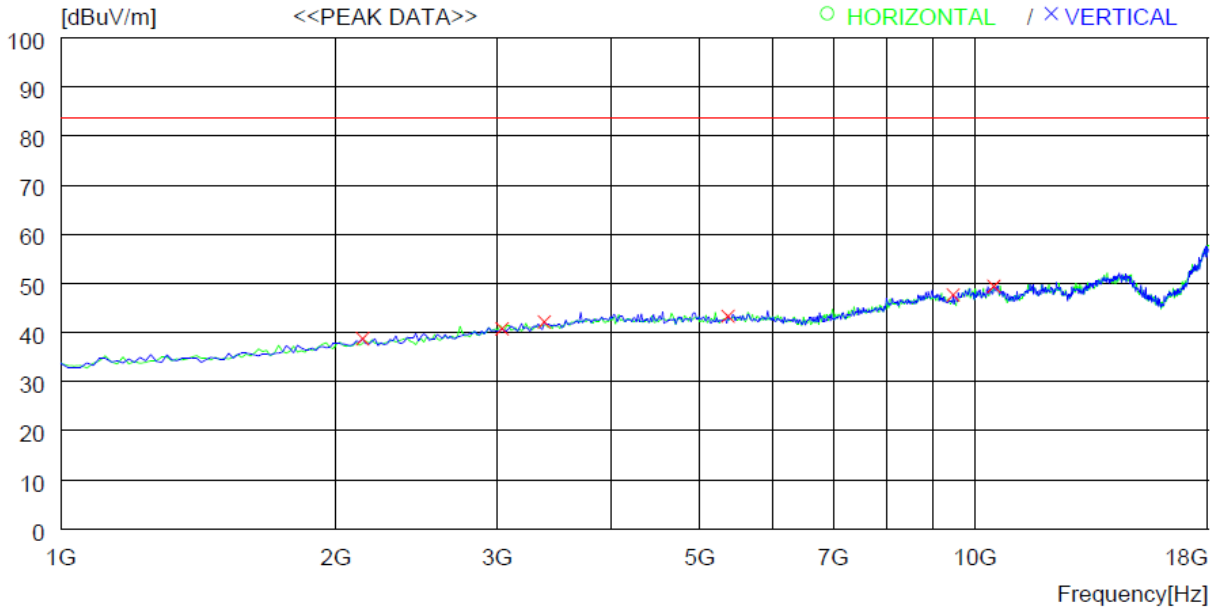
Cooking Areas 2			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	2139.000	48.4	27.7	2.1	39.5	38.7	83.5	44.8	100	347
2	3040.000	48.0	30.1	2.4	39.8	40.7	83.5	42.8	100	261
3	3380.000	48.5	30.8	2.7	39.9	42.1	83.5	41.4	100	343
4	5369.000	46.3	33.8	3.4	40.2	43.3	83.5	40.2	100	60
5	9466.000	45.4	38.0	4.4	40.2	47.6	83.5	35.9	100	359
6	10486.000	46.9	38.0	4.8	40.3	49.4	83.5	34.1	100	359

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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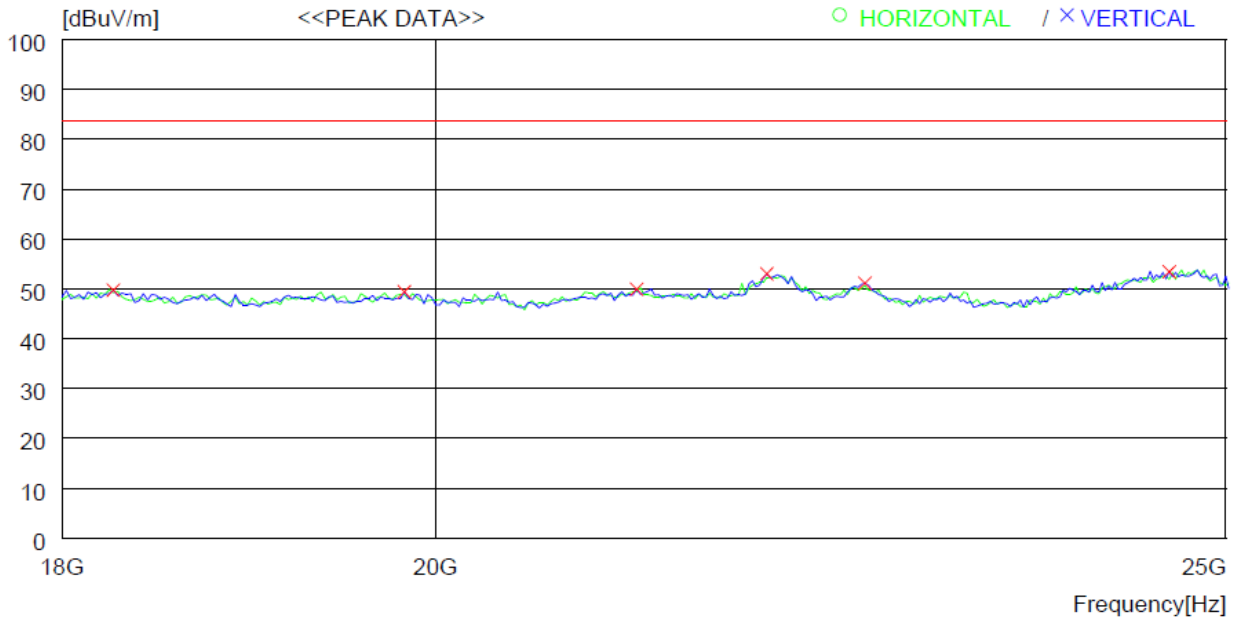
Cooking Areas 2			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	18264.000	38.9	40.3	10.2	39.7	49.7	83.5	33.8	100	139
2	19826.000	39.8	40.3	10.8	41.5	49.4	83.5	34.1	100	303
3	21168.000	40.2	40.2	11.9	42.4	49.9	83.5	33.6	100	245
4	21960.000	44.2	40.2	11.5	42.9	53.0	83.5	30.5	100	237
5	22576.000	43.0	40.1	11.0	43.0	51.1	83.5	32.4	100	303
6	24600.000	44.5	40.2	11.8	43.1	53.4	83.5	30.1	100	303

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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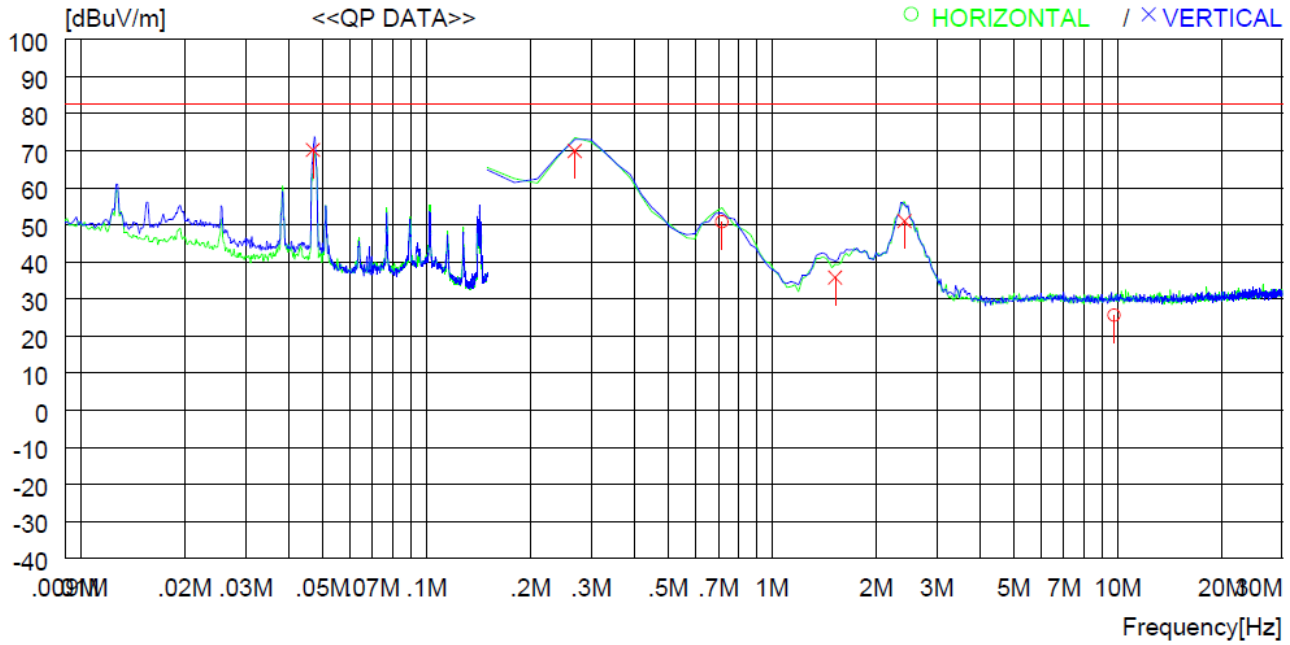
Cooking Areas 3			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	0.717	31.4	18.9	0.5	0.0	50.8	82.6	31.8	100	169
2	9.762	5.0	19.5	1.1	0.0	25.6	82.6	57.0	100	299
----- Vertical ------										
3	0.047	51.0	19.0	0.2	0.0	70.2	82.6	12.4	100	36
4	0.269	50.6	19.0	0.3	0.0	69.9	82.6	12.7	100	0
5	1.523	16.3	18.9	0.6	0.0	35.8	82.6	46.8	100	167
6	2.419	31.4	19.0	0.6	0.0	51.0	82.6	31.6	100	209

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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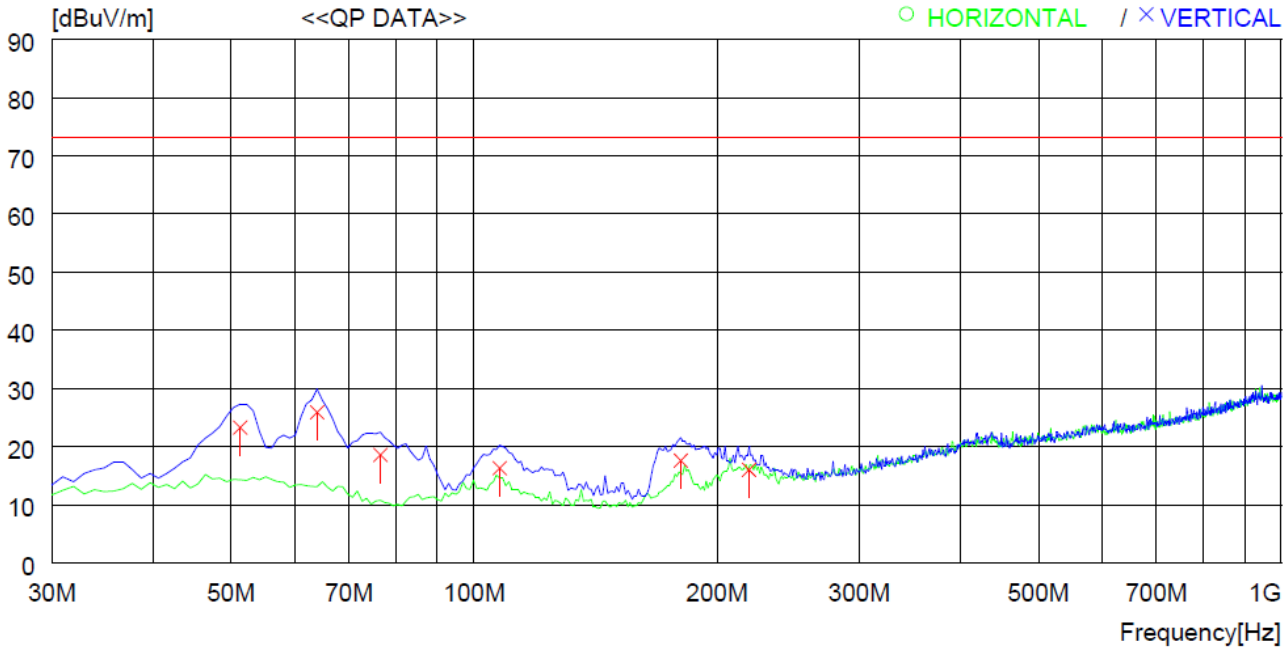
Cooking Areas 3			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	51.340	35.1	13.8	2.8	28.4	23.3	73.1	49.8	100	0
2	63.950	39.3	11.9	3.0	28.3	25.9	73.1	47.2	100	0
3	76.560	35.2	8.4	3.3	28.3	18.6	73.1	54.5	200	313
4	107.600	28.9	11.6	4.1	28.3	16.3	73.1	56.8	200	359
5	180.350	30.8	9.7	5.3	28.2	17.6	73.1	55.5	100	0
6	219.150	26.9	11.5	5.7	28.1	16.0	73.1	57.1	100	80

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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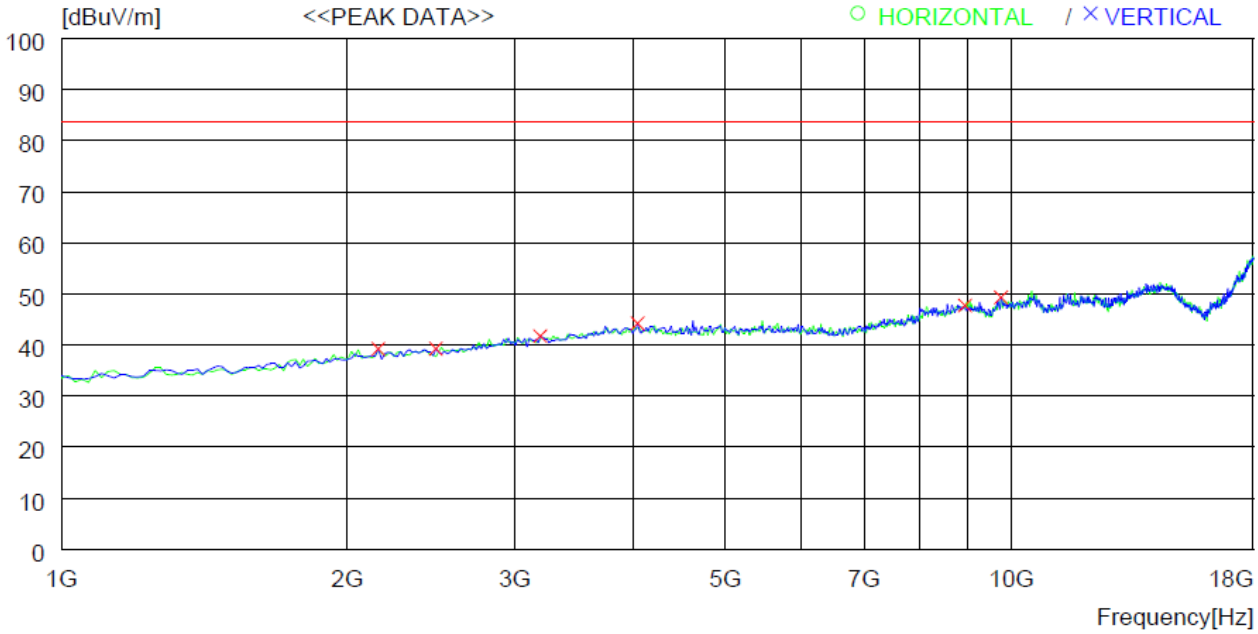
Cooking Areas 3			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	2156.000	48.9	27.7	2.1	39.5	39.2	83.5	44.3	100	94
2	2479.000	48.3	28.4	2.2	39.6	39.3	83.5	44.2	100	302
3	3193.000	48.6	30.4	2.6	39.9	41.7	83.5	41.8	100	359
4	4043.000	48.9	32.6	2.8	40.1	44.2	83.5	39.3	100	359
5	8939.000	45.1	38.6	4.2	40.2	47.7	83.5	35.8	100	295
6	9755.000	46.7	38.1	4.6	40.1	49.3	83.5	34.2	100	27

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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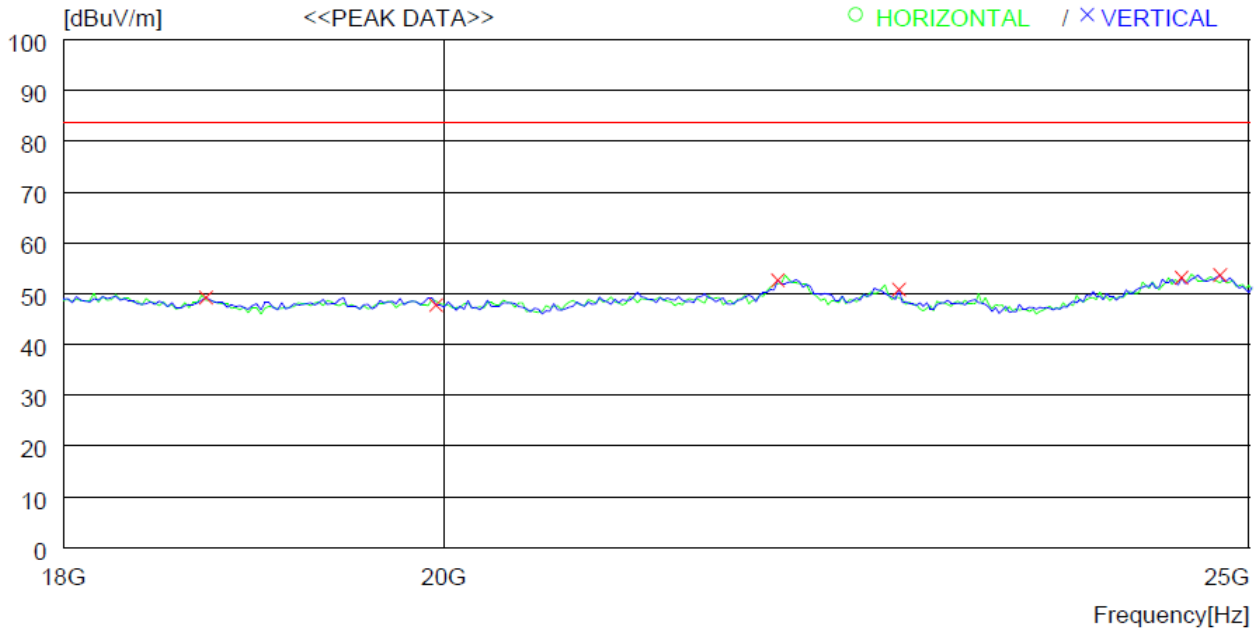
Cooking Areas 3			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	18726.000	38.5	40.4	10.3	40.0	49.2	83.5	34.3	100	129
2	19958.000	38.1	40.3	10.9	41.6	47.7	83.5	35.8	100	282
3	21938.000	43.9	40.2	11.4	42.9	52.6	83.5	30.9	100	282
4	22686.000	42.7	40.1	11.0	43.0	50.8	83.5	32.7	100	275
5	24534.000	44.2	40.2	11.8	43.1	53.1	83.5	30.4	100	138
6	24798.000	44.5	40.3	11.8	43.0	53.6	83.5	29.9	100	342

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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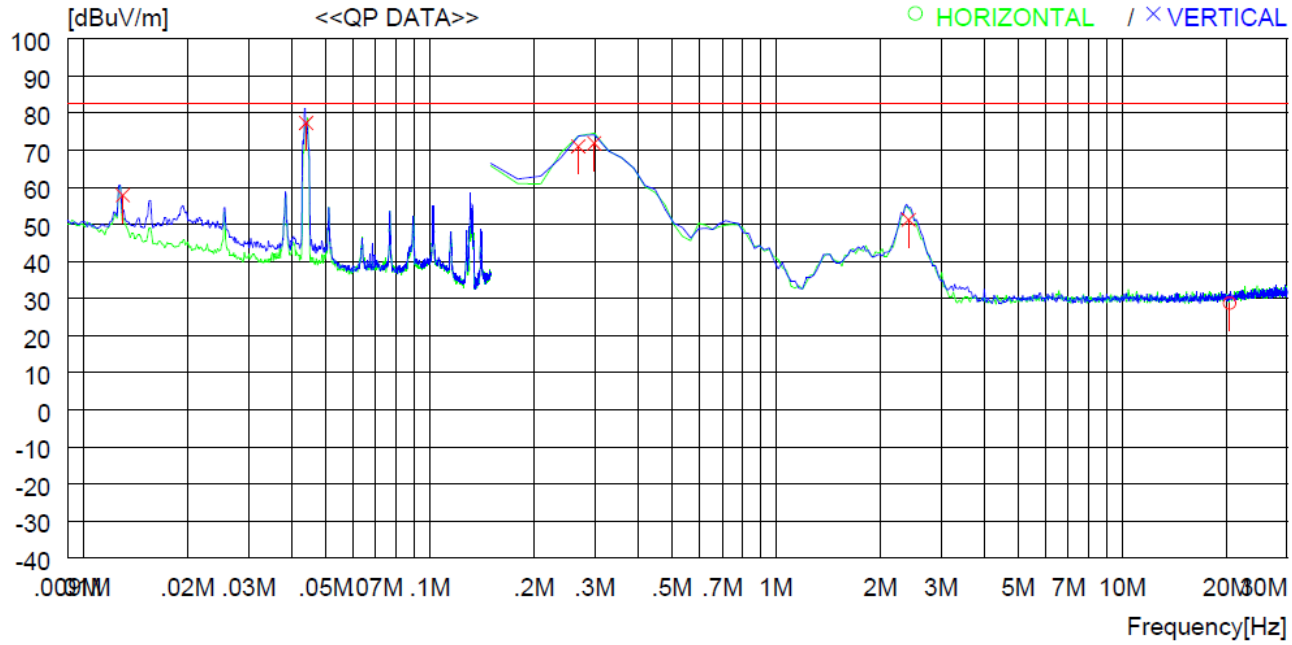
Cooking Areas 4			
Frequency range	: 9 kHz ~ 30 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 200 Hz, 9 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	20.478	7.5	19.6	1.6	0.0	28.7	82.6	53.9	100	0
----- Vertical ------										
2	0.013	38.7	19.0	0.1	0.0	57.8	82.6	24.8	100	109
3	0.044	58.1	19.0	0.2	0.0	77.3	82.6	5.3	100	333
4	0.269	51.7	19.0	0.3	0.0	71.0	82.6	11.6	100	0
5	0.299	52.4	19.0	0.4	0.0	71.8	82.6	10.8	100	298
6	2.419	31.6	19.0	0.6	0.0	51.2	82.6	31.4	100	258

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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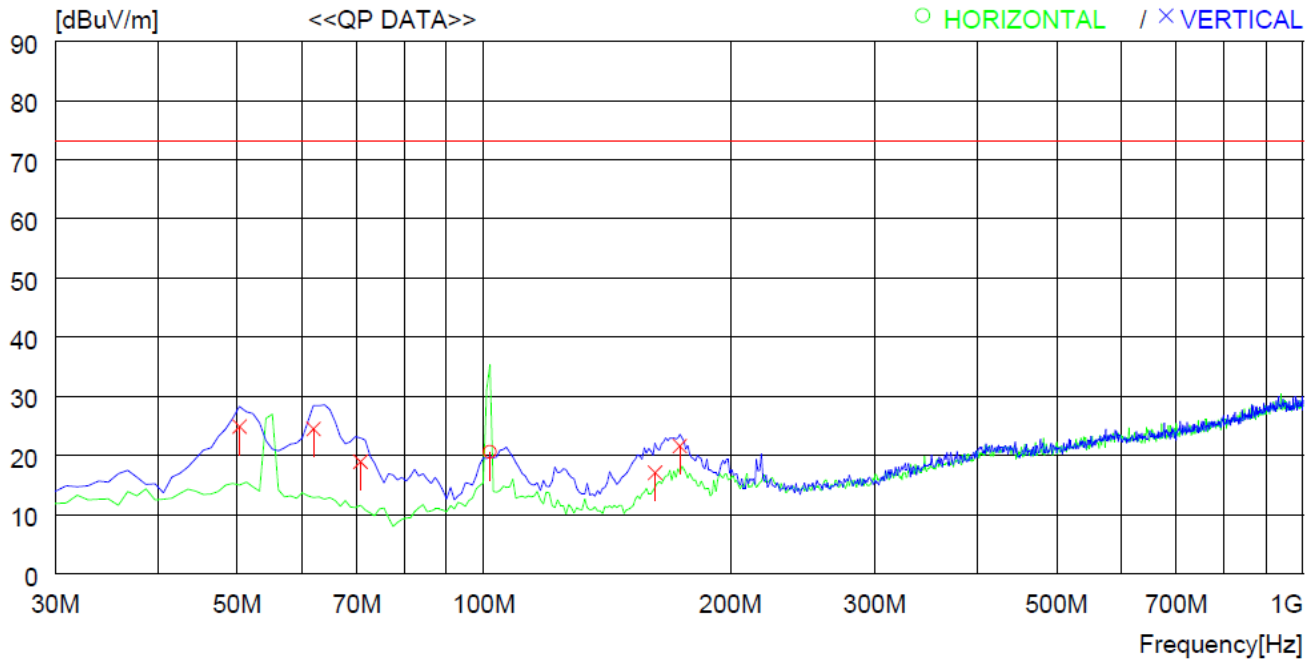
Cooking Areas 4			
Frequency range	: 30 MHz ~ 1 000 MHz	Test Date	: February 06, 2024
Resolution bandwidth	: 120 kHz	Measurement distance	: 10 m
Detector Mode	: Quasi Peak		



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	101.780	32.6	12.4	3.9	28.3	20.6	73.1	52.5	300	97
----- Vertical ------										
2	50.370	36.6	13.9	2.8	28.4	24.9	73.1	48.2	200	86
3	62.010	37.3	12.6	3.0	28.4	24.5	73.1	48.6	100	0
4	70.740	34.4	9.8	3.1	28.3	19.0	73.1	54.1	200	359
5	161.920	31.6	8.9	4.8	28.2	17.1	73.1	56.0	100	301
6	173.560	35.2	9.4	5.2	28.2	21.6	73.1	51.5	100	15

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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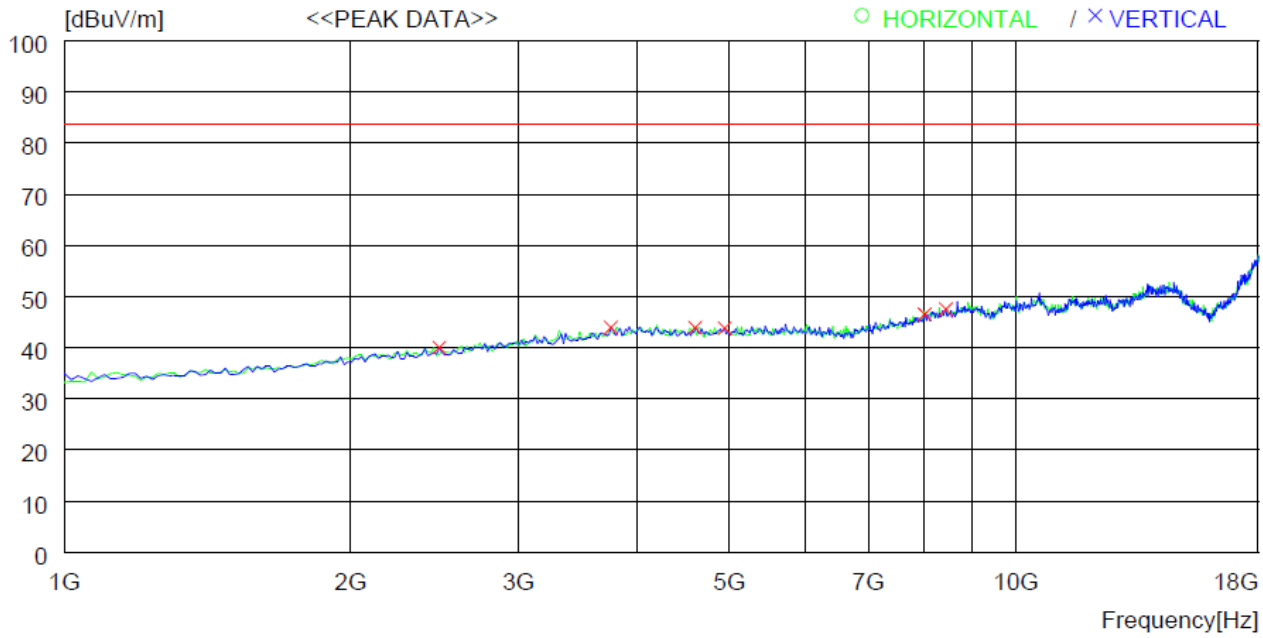
Cooking Areas 4			
Frequency range	: 1 GHz ~ 18 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	2479.000	49.0	28.4	2.2	39.6	40.0	83.5	43.5	100	0
2	3754.000	49.2	31.9	2.8	40.0	43.9	83.5	39.6	100	2
3	4604.000	48.4	32.6	3.1	40.2	43.9	83.5	39.6	100	0
4	4944.000	47.5	33.2	3.3	40.2	43.8	83.5	39.7	100	58
5	8021.000	45.7	37.3	4.1	40.6	46.5	83.5	37	100	83
6	8446.000	45.4	38.3	4.2	40.4	47.5	83.5	36	100	150

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + Antenna Factor + Loss – Gain

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

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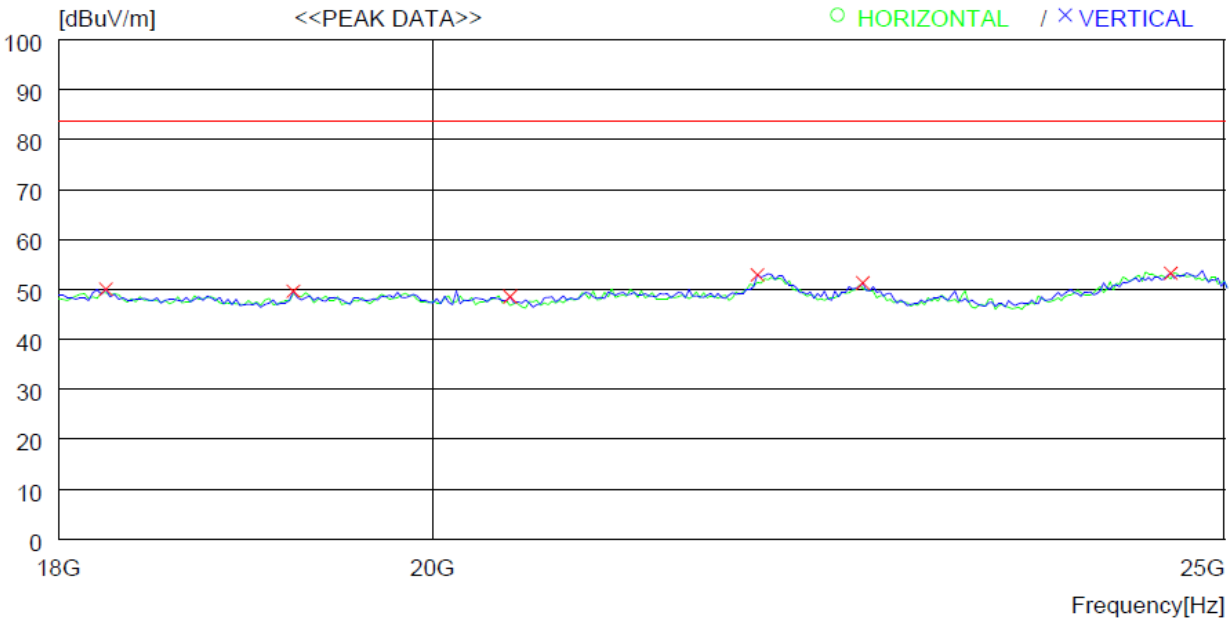
Cooking Areas 4			
Frequency range	: 18 GHz ~ 25 GHz	Test Date	: February 06, 2024
Resolution bandwidth	: 1 MHz	Measurement distance	: 3 m
Detector Mode	: PEAK		



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	[DEG]
----- Vertical ------										
1	18242.000	39.0	40.3	10.3	39.6	50.0	83.5	33.5	100	188
2	19232.000	39.6	40.3	10.4	40.7	49.6	83.5	33.9	100	359
3	20442.000	39.7	40.2	10.7	42.1	48.5	83.5	35	100	240
4	21916.000	44.1	40.2	11.4	42.8	52.9	83.5	30.6	100	359
5	22576.000	43.2	40.1	11.0	43.0	51.3	83.5	32.2	100	272
6	24622.000	44.3	40.2	11.8	43.1	53.2	83.5	30.3	100	352

Remark: Margin (dB) = Limit – Result

Result = Reading PEAK + 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: 3.55100 MHz

Limit	= 46.0 dBμV (CISPR Average)
Reading	= 18.8 dBμV
Correction Factor	= Cable Loss + Pulse Limiter
	= 21.5 dB
Total	= 40.3 dBμV
Margin	= 46.0 dBμV – 40.3 dBμV
	= 5.7 dB

-. Example 2: 0.044 MHz

Limit	= 82.6 dBμV/m (Quasi-peak)
Reading	= 58.1 dBμV
Correction Factor	= Antenna Factor (19.0 dB/m) + Cable Loss (0.2 dB) - Amp. Gain (0.0 dB)
	= 19.2 dB
Total	= 77.3 dBμV/m
Margin	= 82.6 dBμV/m – 77.3 dBμV/m
	= 5.3 dB

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