



시험 성적서

TEST REPORT

페이지(page) : (1) / (총(Total) 20)

성적서 번호 Report No.		ICRT-TR-E211526-0B	
신청자 Client	기관명 Name	RADWAG Wagi Elektroniczne Witold Lewandowski	
	주소 Address	ul. Torunska 5, 26-600 Radom	
시험대상품목 Sample description		Moisture analyser	
모델명 Type designation		MA 50.X2.IC.A and MA 210.X2.A.WH	
정격 Ratings		AC 110 V, 60 Hz	
시험장소 Place of test		☒ 고정시험(Inside test) ☐ 현장시험(Field test) 주소지(Address): 112, 113, Hwanggeum3-ro 7beon-gil, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea	
시험기간 Date of test		2021. 06. 30	
시험방법/항목 Test Method/Item		FCC 47 CFR Part 15 Subpart B	
시험결과 Test Results		Refer to summary of test results	
확인 Affirmation	작성자 Tested by	기술책임자 Technical Manager	
	성명 Name	이수호(서명) Lee, Suho(Signature)	박명철(서명) Park, Myeongcheol(Signature)
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2021. 11. 19 주식회사 아이씨알 대표이사 The head of INTERNATIONAL CERTIFICATION REGISTRAR			



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경기도 김포시 양촌읍 황금 3로 7번길 112 / Tel: 02-6351-9001 ~ 6



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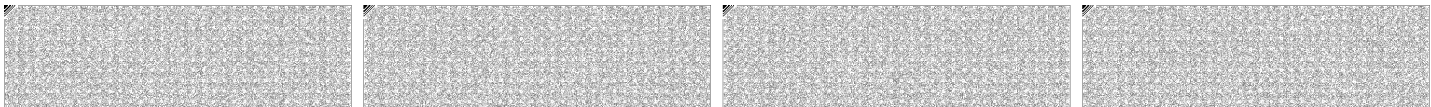
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페이지(page) : (3)/ 총(Total) 20)

1. Applicant Information

1.1 Applicant

Applicant : RADWAG Wagi Elektroniczne Witold Lewandowski
Address : ul. Torunska 5, 26-600 Radom
Contact person : Piotr Cieplucha
Telephone No. : 48483866240
Facsimile No. : -
E-mail : p.cieplucha@radwag.pl

1.2 Manufacture

Manufacture : RADWAG Wagi Elektroniczne Witold Lewandowski
Address : ul. Torunska 5, 26-600 Radom
Contact person : Piotr Cieplucha
Telephone No. : 48483866240
Facsimile No. : -
E-mail : p.cieplucha@radwag.pl

2. Laboratory

2.1 Information

Laboratory : ICR Co., Ltd
Address : 112, 113, Hwanggeum 3-ro 7beon-gil, Hagun-ri, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea
Telephone No. : +82-2-6351-9001
Facsimile No. : +82-2-6351-9007

KOLAS No. : KT652
RRA No. : KR0165

3. Revision History

Issued Report No.	Issued Date	Revisions	Effect Section
ICRT-TR-E211526-0A	2021. 07. 05	-	-
ICRT-TR-E211526-0B	2021. 11. 19	ADD FCC ID, Delete Test photos	Refer to 4.7

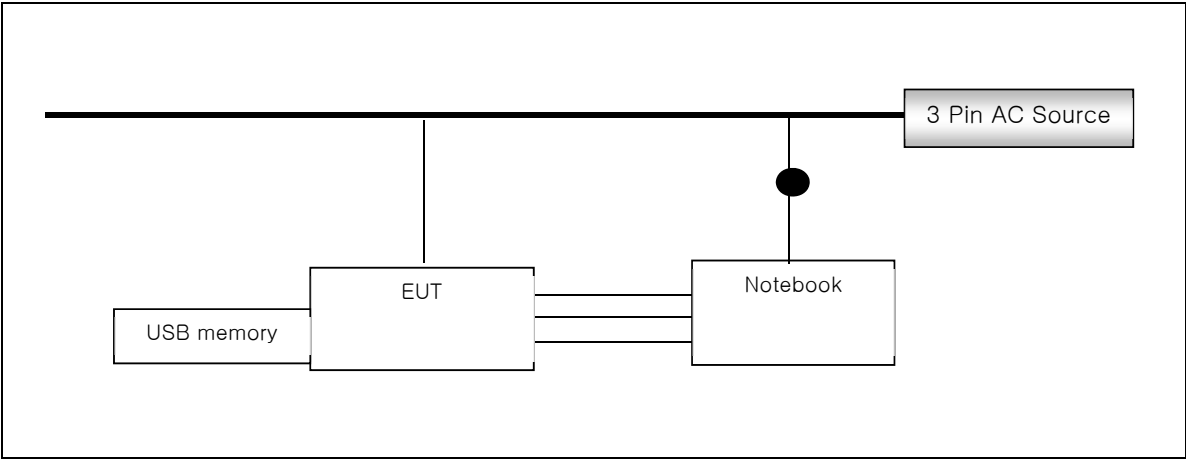


4. List of EUT and Accessory

4.1 Used equipment

Description	Model	Manufacturer	Remark
Moisture analyser	MA 50.X2.IC.A and MA 210.X2.A.WH	RADWAG Wagi Elektroniczne Witold Lewandowski	EUT
Notebook	NT300ESK	SAMSUNG	AE
Notebook adalpter	A13-040N2A	SAMSUNG	AE
USB MEMORY	-	SANDISK	AE

4.2 Test Configuration



4.3 CableList

Equipment	Port	Equipment	Port	Length (m)	Shielded
EUT	AC IN	3 PIN AC SOURCE	AC OUT	1.5	Unshielded
	USB 1	USB MEMORY	-	-	Unshielded
	USB 2	Notebook	USB	1.8	Unshielded
	ETHERNET		LAN	3.0	Unshielded
	COM		USB	2.0	Shielded





4.4 Mode of Operating during the test

[MODE 1] : EUT is connected as shown in the layout diagram and tested in the state of performing the weight sensing function.
[MODE 2] : EUT is connected like the layout diagram and tested in the state that the drying function is performed.

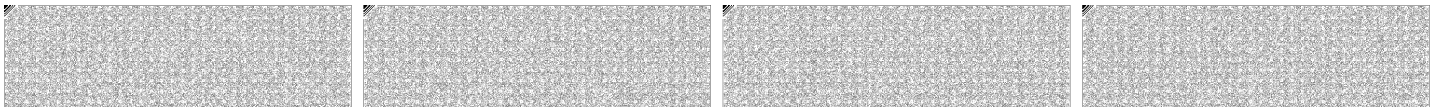
4.5 EUT Modifications

- None.

4.6 Family Model Name

NO	Family model name	Differential point
1	MA xx.X2.IC.A.yy	xx - 50/1 or between 50 and 210 and represent the weighing range which can be measured, /1 stands for higher resolution of measurement; IC – optional and stands for internal calibration A – optional and stands for semi-automatic opening of weighing chamber yy - WH stands for halogen heat source (no marking for standard infrared heat source).

4.7 FCC ID: 2AXRT-MAX





5. Summary of test result

5.1 Test Summary

Standard	Test items	Applied	Results
FCC Part 15.109 Class B	Radiated disturbance	☒	Pass
FCC Part 15.107 Class B	Conducted disturbance	☒	Pass
* The data in this test report are traceable to the national or international standards.			

Frequency range to be scanned:

0.15 MHz to 30 MHz as Conducted measurement
5th harmonic of the highest frequency or 40 GHz, whichever is lower as Radiated measurement

Bandwidth:

Measured by the CISPR quasi-peak function Bandwidth is 9 kHz in the frequency 0.15 MHz ~ 30 MHz and 120 kHz in the frequency 30 MHz ~ 1 000 MHz.
Measured by the CISPR Peak function Bandwidth is 1 MHz in the frequency 1 GHz ~ 40 GHz.

- Maximum operating frequency : 2.4 GHz





6. Test Description

6.1 Facility

All the testing facilities are periodically serviced as a daily check for equipment and cables systems, an every 6 months facility check for the facilities and a monthly check and annual calibration for testing equipment according to ISO/IEC 17025. All the testing facilities are used as the same specifications shown below. There are descriptions both for radiated disturbance measurement and conducted disturbance measurement conformed by ANSI C 63.4-2014.

6.2 Test Procedure

6.2.1 Radiated Disturbance Measurements – Below 1 GHz

- Test site is met the requirements of ANSI C 63.4-2014 and the distance between the EUT and the antenna is adjusted 3 m/10 m.
- The turntable can be rotated 360 degrees.
- The antenna can be adjusted between 1 m and 4 m in height above the ground.
- The EUT is placed on the non-conducting table with 0.8 m height on the turntable.
- Measurements are carried out using a EMI test receiver with peak detectors (100 kHz bandwidth) and an EMI receiver with quasi-peak detectors(120 kHz bandwidth).
- Refer to the list of test equipment used for the test.
- Trilog antenna are used as Broadband antenna.
- The Trilog antenna is used in the frequency range of 30 ~ 1 000MHz, the Horn antenna is used in the frequency range of 1 GHz ~ 18 GHz.
- A variable attenuator is used for verifying amplifier's linearity.
- Rotating the turntable and adjusting the height of the antenna are carried out by control buttons on the console.
- Refer to "Brief Information"(page 4-5) about details of the EUT and configuration of the cables.
- Measurement is carried out by a ICR operator as manual operation.
- searching for some of High disturbance frequency points than the other points with the following settings;
bandwidth 100 kHz, frequency range 10 MHz between 30 MHz and 300 MHz and frequency range 50 MHz between 300 MHz and 1 GHz.
- searching the worst direction with the maximum level of the disturbance wave in rotating the turntable 360 degrees at each searched frequency point.
- setting the height of the antenna with the maximum level of the disturbance wave from 1 m ~ 4 m.
- reading the disturbance level by the EMI receiver with quasi-peak detectors (120 kHz bandwidth) according to ANSI C 63.4-2014.
- measuring to vertical and horizontal polarization.
- calculating the measurement result with the following formula or equation:
[Measurement result= measured value + Antenna factor + Cable loss - (Amp.)]

6.2.2 Radiated Disturbance Measurements – Above 1 GHz

- Test site is met the requirements of ANSI C 63.4-2014 and the distance between the EUT and the antenna is adjusted 3 m.
- The turntable can be rotated 360 degrees.
- The antenna can be adjusted between 1 m in height above the ground.
- The EUT is placed on the non-conducting table with 1 m height on the turntable.
- Measurements are carried out using a EMI test receiver with peak detectors (1 MHz bandwidth) and an EMI receiver with peak and average detectors(1 MHz bandwidth).
- Refer to the list of test equipment used for the test.
- HORN ANTENNA are used as WIDEBAND ANTENNA.
- The HORN ANTENNA is used in the frequency range of 1 GHz ~ 18 GHz.
- A variable attenuator is used for verifying amplifier's linearity.
- Rotating the turntable and adjusting the height of the antenna are carried out by control buttons on the console.
- Refer to "Brief Information"(page 4-5) about details of the EUT and configuration of the cables.



- Measurement is carried out by a ICR operator as manual operation.
- searching the worst direction with the maximum level of the disturbance wave in rotating the turntable 360 degrees at each searched frequency point.– setting the height of the antenna with the maximum level of the disturbance wave from 1 m
- reading the disturbance level by the EMI receiver with peak and average detectors (1 MHz bandwidth) according to ANSI C 63.4-2014.
- measuring to vertical and horizontal polarization.
- calculating the measurement result with the following formula or equation:
[Measurement result= measured value + Antenna factor + Cable loss - (Amp.)]

6.2.3 Conducted Disturbance Measurements

- The measurement is carried out on an open site with horizontal and metallic ground plane.
- An AMN(Artificial Mains Network) with a nominal impedance (50 Ω/50 μH) as defined in ANSI C 63.4-2014., shall be utilized.
- The AMN is grounded on a horizontal metal ground plane.
- Measurement is carried out using an EMI receiver with quasi-peak detectors and average detector. (Refer to the List of test equipment used for the test.)
- The shortest distance between the EUT and the AMN is 0.8 m.
- The EUT is placed on the non-conducting table with 0.8 m height.
- A remote switch is used for changing phases between Line (L) and Neutral (N).
- Refer to "Brief Information"(page 4-5) about details of the EUT and configuration of the cables.
- Measurement is carried out as manual operation.
- detecting the maximized emission level using the maxhold function after setting the spectrum analyzer bandwidth 1 kHz and the frequency range from 150 kHz ~ 1 MHz, 1 MHz ~ 5 MHz and 5 MHz ~ 30 MHz.
- searching the maximum frequency point of the disturbance wave in each frequency range.
- reading the disturbance level of quasi-peak, average and Line (L) and Neutral (N) in 9 kHz bandwidth by the EMI receiver.
- calculating the measurement result with the following formula or equation.
(Result = Reading + Corr)
(Margin = Limit - Result)



7. EMISSION

7.1 Radiated disturbance

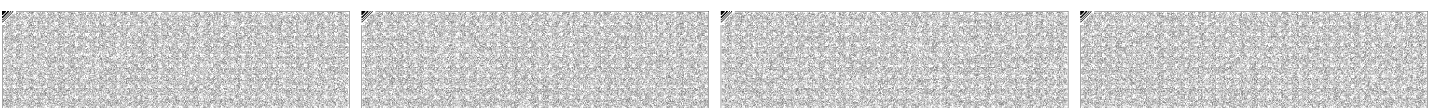
Definition:

The test assesses the ability of ancillary equipment to limit their internal noise from being radiated from the enclosure.

Test method	: FCC Part 15.109, Class B
Test Date	: 2021. 06. 30
Temperature, Humidity	: 23.7 °C ~ 24.8 °C , 42.4 % R.H. ~ 42.8 % R.H. (Below 1 GHz) : 23.6 °C ~ 24.8 °C , 42.3 % R.H. ~ 43.4 % R.H. (Above 1 GHz)
Measurement Distance	: 3 m (Below 1 GHz), 3 m (Above 1 GHz)
Measurement Frequency range	: 30 MHz ~ 18 GHz
Measurement RBW	: 120 kHz, 1 000 kHz
Test mode	: MODE 1, MODE 2
Result	: Pass

A sample calculation:

- Corr (correction factor) = Ant. Factor + Cable loss – (Amp.)
- Emission Level = meter reading + Corr
- Sample calculation; MODE 1
- Below 1 GHz (Quasi-Peak)
 - At Frequency : 375.029 MHz Result = Reading + Corr = 55.05 dB(μV/m) + (-15.9) dB = 39.15 dB(μV/m)
- Above 1 GHz (CISPR-Average)
 - At Frequency : 17 894.600 MHz Result = Reading + Corr = 34.22 dB(μV/m) + 11.3 dB = 45.52 dB(μV/m)
- Measurement Data kept in ICR





페이지(page) : (10)/(총(Total) 20)

Limits of below 1 GHz - CLASS A

Frequency Range (MHz)	Field strength ($\mu\text{V/m}$)	Distance (m)
30 ~ 88	90	10
88 ~ 216	150	
216 ~ 960	210	
Above 960	300	

Limits of below 1 GHz - CLASS B

Frequency Range (MHz)	Field strength ($\mu\text{V/m}$)	Distance (m)
30 ~ 88	100	3
88 ~ 216	150	
216 ~ 960	200	
Above 960	500	

Used equipments:**- Below 1 GHz**

Used	Equipment	Model name	Manufacturer	Serial No.	Next Cal.
☒	EMI Test Receiver	ESR7	R&S	101724	2022. 04. 14
☒	TRILOG BROAD BAND ANTENNA	VULB 9162	SCHWARZBECK	142	2023. 02. 03
☒	RF Pre Amplifier	SCU 08	R&S	100744	2022. 04. 14
☒	HUMIDITY/TEMP. DATA RECORDER	MHT-381SD	LUTRON	AI.63105	2022. 02. 25

- Above 1 GHz

Used	Equipment	Model name	Manufacturer	Serial No.	Next Cal.
☒	EMI Test Receiver	ESR26	R&S	101462	2022. 04. 14
☒	HORN ANTENNA (KOLAS)	HF907	R&S	102556	2021. 08. 21
☒	RF Pre Amplifier	SCU 18	R&S	102342	2022. 04. 14
☒	HUMIDITY/TEMP. DATA RECORDER	MHT-381SD	LUTRON	AI.63106	2022. 02. 25

Test Software:

Used	Description	Model name	Manufacturer	Version.
☒	EMI Test Software	EMC32	R & S	10.01.00

Measurement Data:

- Refer to the Next page.



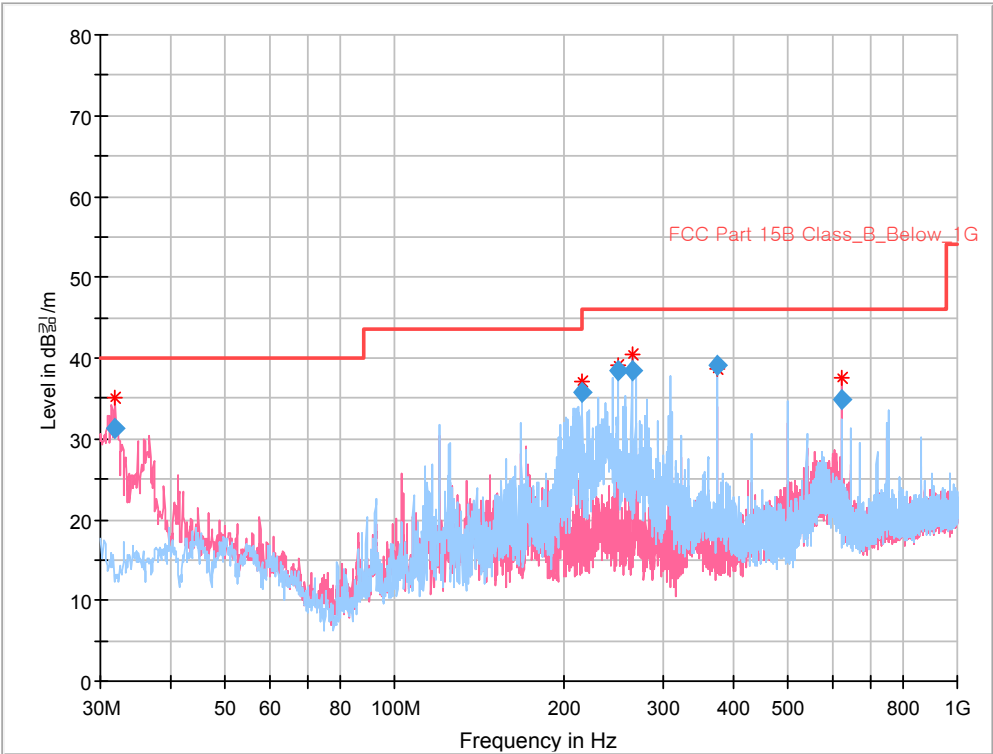
DATA_MODE 1 Below 1 GHz

Test Report

Common Information

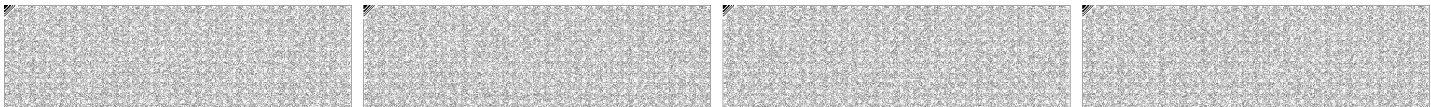
Test Description:
Operating Conditions:
Operator Name:
Comment:

MA 50.X2.IC.A and MA 210.X2.A.WH
ICR 3 m Chamber
LEE S H
RE_MODE 1



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.940	31.31	40.00	8.69	15000.0	120.000	100.1	V	111.0	-23.5
215.949	35.86	43.50	7.64	15000.0	120.000	100.1	H	0.0	-21.3
249.996	38.43	46.00	7.57	15000.0	120.000	100.1	H	120.0	-18.9
263.964	38.52	46.00	7.48	15000.0	120.000	100.1	H	120.0	-18.1
375.029	39.15	46.00	6.85	15000.0	120.000	100.1	H	134.0	-15.9
625.095	34.86	46.00	11.14	15000.0	120.000	100.1	V	219.0	-11.5



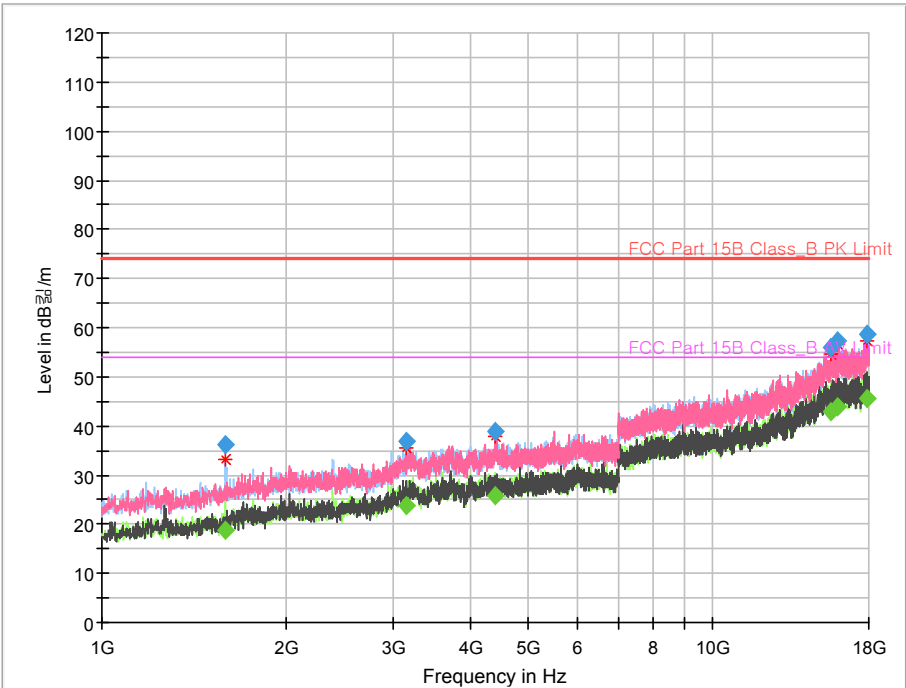


DATA_MODE 1 Above 1 GHz

Test Report

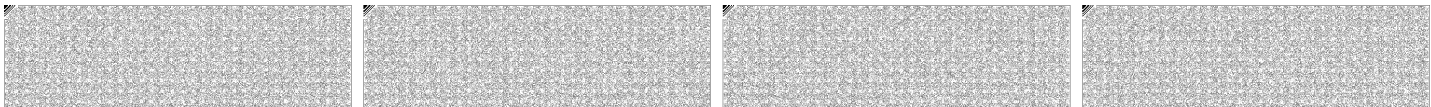
Common Information

Test Description: MA 50.X2.IC.A and MA 210.X2.A.WH
Test Site: ICR 3 m Chamber
Operator Name: LEE S H
Comment: ABOVE_MODE 1



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	CAverage (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1595.000	---	18.70	54.00	35.30	3000.0	1000.000	99.8	H	0.0	-16.4
1595.000	36.06	---	74.00	37.94	3000.0	1000.000	99.8	H	0.0	-16.4
3157.300	---	23.83	54.00	30.17	3000.0	1000.000	99.8	H	157.0	-8.2
3157.300	36.99	---	74.00	37.01	3000.0	1000.000	99.8	H	157.0	-8.2
4403.400	---	25.70	54.00	28.30	3000.0	1000.000	99.8	V	33.0	-5.3
4403.400	38.73	---	74.00	35.27	3000.0	1000.000	99.8	V	33.0	-5.3
15579.200	56.13	---	74.00	17.87	3000.0	1000.000	99.8	V	173.0	9.0
15579.200	---	43.07	54.00	10.93	3000.0	1000.000	99.8	V	173.0	9.0
16039.900	57.29	---	74.00	16.71	3000.0	1000.000	99.8	V	105.0	9.4
16039.900	---	44.01	54.00	9.99	3000.0	1000.000	99.8	V	105.0	9.4
17894.600	---	45.52	54.00	8.48	3000.0	1000.000	99.8	V	272.0	11.3
17894.600	58.53	---	74.00	15.47	3000.0	1000.000	99.8	V	272.0	11.3





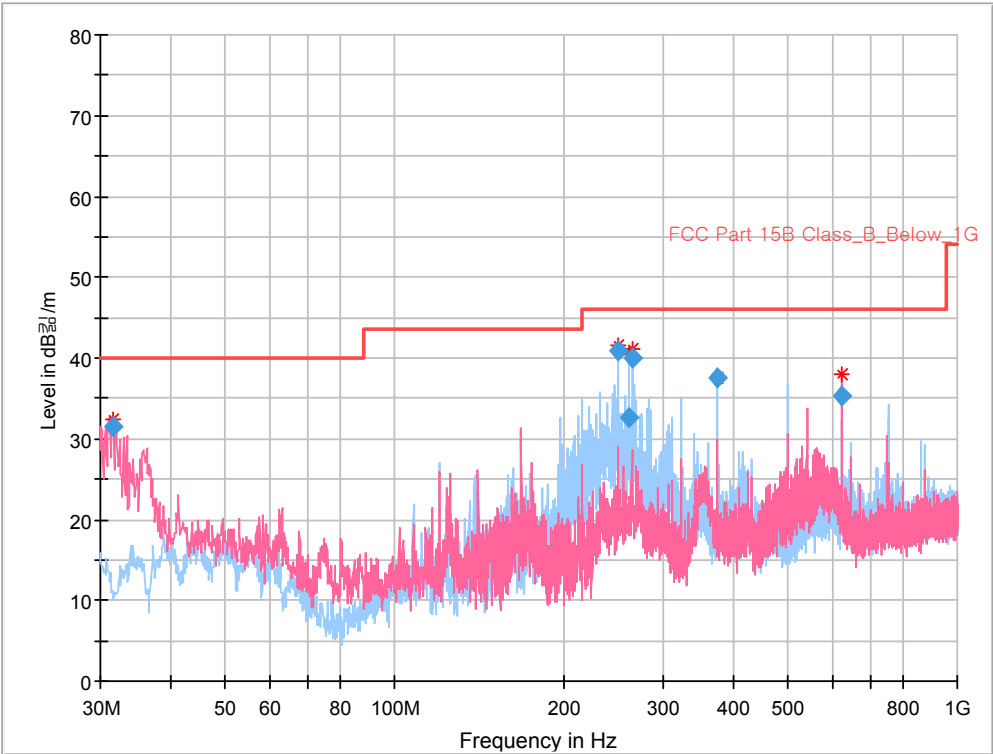
DATA_MODE 2 Below 1 GHz

Test Report

Common Information

Test Description:
Operating Conditions:
Operator Name:
Comment:

MA 50.X2.IC.A and MA 210.X2.A.WH
ICR 3 m Chamber
LEE S H
RE_MODE 2



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.552	31.52	40.00	8.48	15000.0	120.000	100.1	V	243.0	-23.6
249.996	41.00	46.00	5.00	15000.0	120.000	100.1	H	92.0	-18.9
260.375	32.55	46.00	13.45	15000.0	120.000	100.1	H	106.0	-18.3
263.964	39.96	46.00	6.04	15000.0	120.000	100.1	H	270.0	-18.1
375.029	37.55	46.00	8.45	15000.0	120.000	100.1	H	270.0	-15.9
625.095	35.25	46.00	10.75	15000.0	120.000	100.1	V	229.0	-11.5





DATA_MODE 2 Above 1 GHz

Test Report

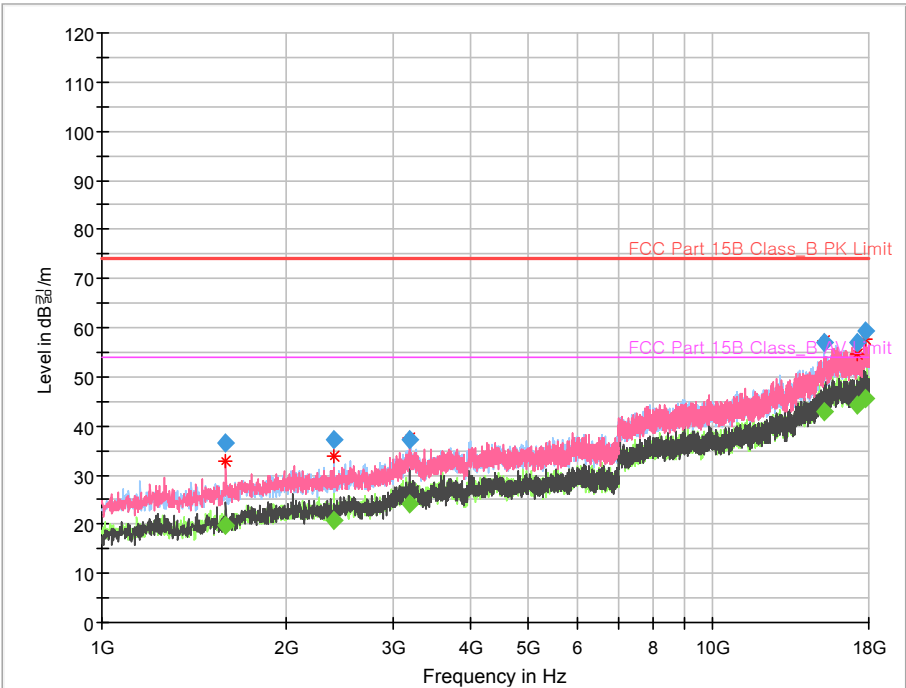
Common Information

Test Description:MA 50.X2.IC.A and MA 210.X2.A.WH

Test Site:ICR 3 m Chamber

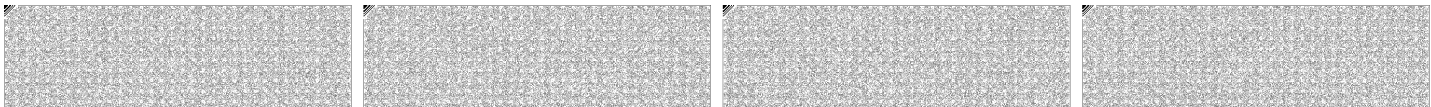
Operator Name:LEE S H

Comment:ABOVE_MODE 2



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	CAverage (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1596.700	---	19.87	54.00	34.13	3000.0	1000.000	99.8	V	25.0	-16.4
1596.700	36.61	---	74.00	37.39	3000.0	1000.000	99.8	V	25.0	-16.4
2397.400	---	20.62	54.00	33.38	3000.0	1000.000	99.8	H	203.0	-13.1
2397.400	37.16	---	74.00	36.84	3000.0	1000.000	99.8	H	203.0	-13.1
3187.900	---	24.13	54.00	29.87	3000.0	1000.000	99.8	V	25.0	-8.0
3187.900	37.30	---	74.00	36.70	3000.0	1000.000	99.8	V	25.0	-8.0
15249.400	56.84	---	74.00	17.16	3000.0	1000.000	99.8	H	270.0	9.0
15249.400	---	43.05	54.00	10.95	3000.0	1000.000	99.8	H	270.0	9.0
17275.800	57.14	---	74.00	16.86	3000.0	1000.000	99.8	H	68.0	9.7
17275.800	---	44.26	54.00	9.74	3000.0	1000.000	99.8	H	68.0	9.7
17809.600	---	45.48	54.00	8.52	3000.0	1000.000	99.8	V	329.0	10.9
17809.600	59.37	---	74.00	14.63	3000.0	1000.000	99.8	V	329.0	10.9





7.2 Conducted disturbance

Definition:

The test assesses the ability of the EUT to limit its internal noise from being present on the AC mains Power and Signal Line In / Output ports.

Test method	: FCC Part 15.107, Class B
Test Date	: 2021. 06. 30
Temperature, Humidity	: 23.6 °C ~ 24.8 °C , 42.6 % R.H. ~ 43.7 % R.H.
Measurement Frequency range and RBW	: 150 kHz ~ 30 MHz
Test mode	: MODE 1, MODE 2
Result	: Pass

A sample calculation:

- Corr (correction factor) = LISN Insertion loss + Cable loss
- Emission Level = meter reading + Corr
- Sample calculation; MODE 1 Live
- At Frequency: 24.002 MHz Result = Reading + Corr = 21.18 dB(μV) + 10.0 dB = 31.18 dB(μV)
- (☐ Quasi-peak, ☒ CISPR-Average)
- Measurement Data kept in ICR





페이지(page) : (16)/(총(Total) 20)

Limits for conducted emissions from the AC mains ports of class A equipment.

Applicable to AC mains power port		
Frequency Range (MHz)	Quasi-Peak [dB(μV)]	CISPR-Average [dB(μV)]
0.15 ~ 0.5	79	66
0.5 ~ 30	73	60

Limits for conducted emissions from the AC mains ports of class B equipment.

Applicable to AC mains power port		
Frequency Range (MHz)	Quasi-Peak [dB(μV)]	CISPR-Average [dB(μV)]
0.15 ~ 0.5	66 ~ 56*	56 ~ 46*
0.5 ~ 5	56	46
5 ~ 30	60	50
* Decreases with the logarithm of the frequency		

Used equipments:

Used	Equipment	Model no.	Makers	Serial no.	Next Cal.
☒	EMI Test Receiver	ESR3	R&S	102119	2022. 04. 14
☒	LISN(main)	ENV216	R&S	102194	2022. 04. 15
☒	LISN(sub)	ENV216	R&S	102193	2022. 04. 15
☐	LISN	NNLK 8130	SCHWARZBECK	05184	2021. 08. 13
☐	HIGH POWER VOLTAGE PROBE	TK 9421	SCHWARZBECK	271	2021. 08. 14
☒	HUMIDITY/TEMP. DATA RECORDER	MHT-381SD	LUTRON	AI.63101	2022. 02. 25

Test Software:

Used	Description	Model name	Manufacturer	Version.
☒	EMI Test Software	EMC32	R & S	10.01.02

Measurement Data:

- Refer to the Next page.



DATA_MODE 1 Live

Test Report

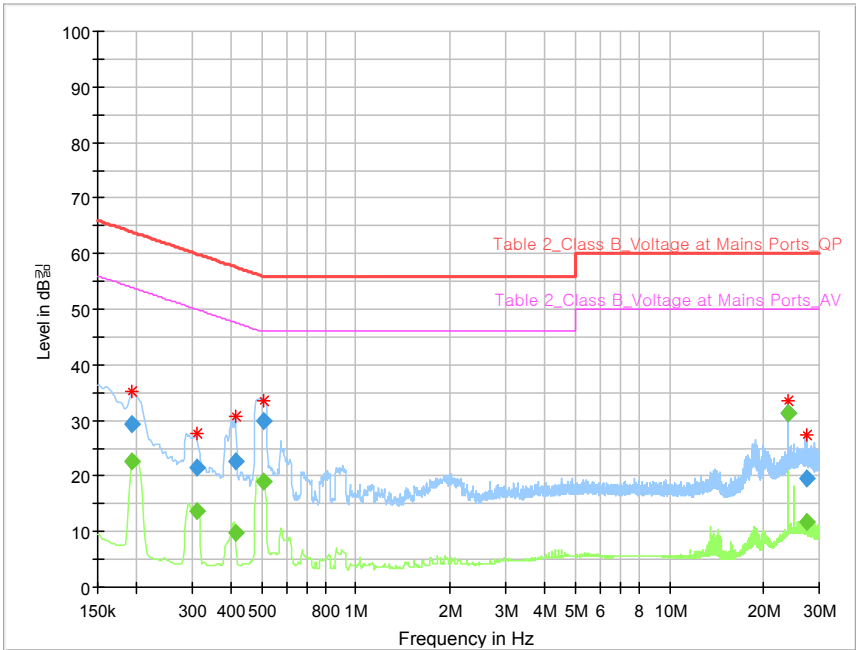
Common Information

Test Description:MA 50.X2.IC.A and MA 210.X2.A.WH

Test Site:ICR Shield Room

Operator Name:LEE S H

Comment:L_MODE 1



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.193	---	22.55	53.92	31.36	5000.0	9.000	L1	ON	9.9
0.193	29.27	---	63.92	34.65	5000.0	9.000	L1	ON	9.9
0.310	---	13.62	49.98	36.35	5000.0	9.000	L1	ON	9.8
0.310	21.47	---	59.98	38.51	5000.0	9.000	L1	ON	9.8
0.413	---	9.83	47.58	37.76	5000.0	9.000	L1	ON	9.9
0.413	22.65	---	57.58	34.93	5000.0	9.000	L1	ON	9.9
0.506	---	19.00	46.00	27.00	5000.0	9.000	L1	ON	9.9
0.506	29.92	---	56.00	26.08	5000.0	9.000	L1	ON	9.9
24.002	---	31.18	50.00	18.82	5000.0	9.000	L1	ON	10.0
24.002	31.41	---	60.00	28.59	5000.0	9.000	L1	ON	10.0
27.458	---	11.71	50.00	38.29	5000.0	9.000	L1	ON	9.8
27.458	19.47	---	60.00	40.53	5000.0	9.000	L1	ON	9.8





DATA_MODE 1 Neutral

Test Report

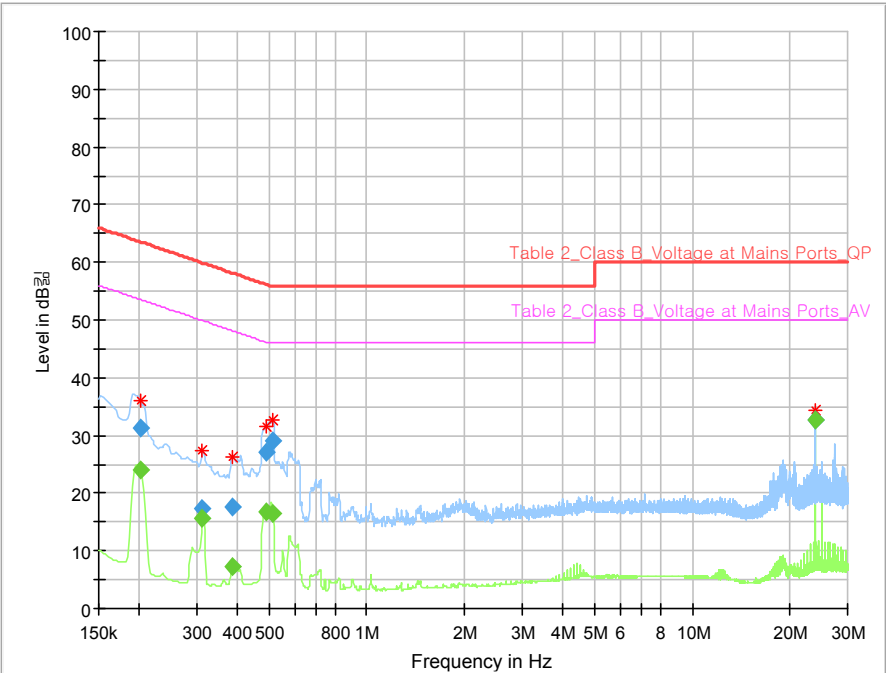
Common Information

Test Description:MA 50.X2.IC.A and MA 210.X2.A.WH

Test Site:ICR Shield Room

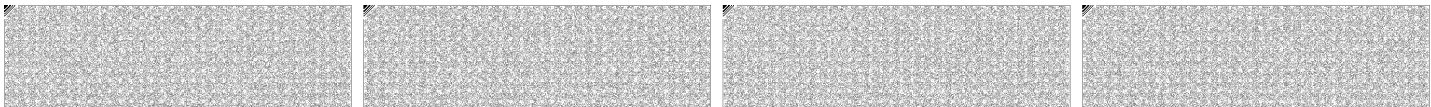
Operator Name:LEE S H

Comment:N_MODE 1



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.202	---	23.99	53.54	29.54	5000.0	9.000	N	ON	9.8
0.202	31.21	---	63.54	32.33	5000.0	9.000	N	ON	9.8
0.312	---	15.65	49.92	34.27	5000.0	9.000	N	ON	9.7
0.312	17.43	---	59.92	42.49	5000.0	9.000	N	ON	9.7
0.386	---	7.16	48.14	40.99	5000.0	9.000	N	ON	9.9
0.386	17.72	---	58.14	40.43	5000.0	9.000	N	ON	9.9
0.490	---	16.81	46.17	29.36	5000.0	9.000	N	ON	9.9
0.490	27.15	---	56.17	29.02	5000.0	9.000	N	ON	9.9
0.515	---	16.49	46.00	29.51	5000.0	9.000	N	ON	9.9
0.515	29.11	---	56.00	26.89	5000.0	9.000	N	ON	9.9
24.002	---	32.64	50.00	17.36	5000.0	9.000	N	ON	10.0
24.002	32.62	---	60.00	27.38	5000.0	9.000	N	ON	10.0





DATA_MODE 2 Live

Test Report

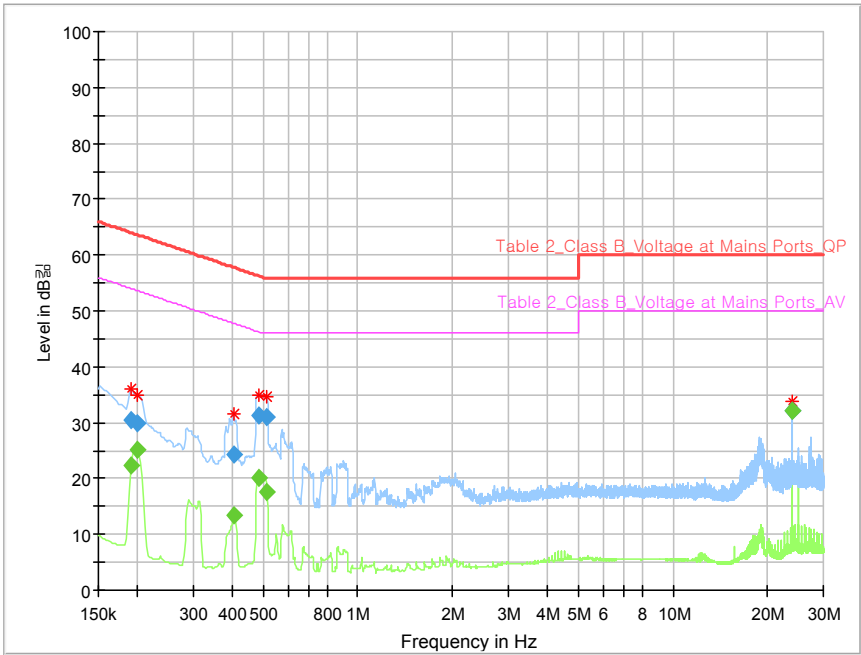
Common Information

Test Description:MA 50.X2.IC.A and MA 210.X2.A.WH

Test Site:ICR Shield Room

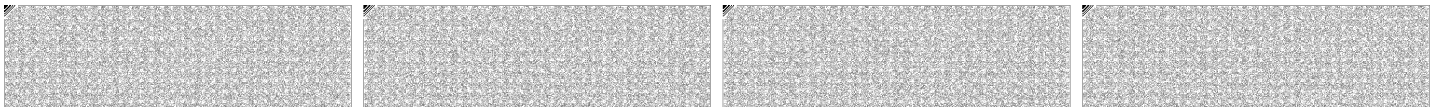
Operator Name:LEE S H

Comment:L_MODE 2



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.191	---	22.35	54.02	31.67	5000.0	9.000	L1	ON	9.9
0.191	30.54	---	64.02	33.47	5000.0	9.000	L1	ON	9.9
0.200	---	25.04	53.63	28.59	5000.0	9.000	L1	ON	9.9
0.200	29.99	---	63.63	33.64	5000.0	9.000	L1	ON	9.9
0.404	---	13.31	47.77	34.45	5000.0	9.000	L1	ON	9.9
0.404	24.27	---	57.77	33.50	5000.0	9.000	L1	ON	9.9
0.488	---	20.02	46.21	26.19	5000.0	9.000	L1	ON	9.9
0.488	31.28	---	56.21	24.93	5000.0	9.000	L1	ON	9.9
0.515	---	17.64	46.00	28.37	5000.0	9.000	L1	ON	9.9
0.515	30.98	---	56.00	25.02	5000.0	9.000	L1	ON	9.9
24.002	---	32.13	50.00	17.87	5000.0	9.000	L1	ON	10.0
24.002	32.14	---	60.00	27.86	5000.0	9.000	L1	ON	10.0





DATA_MODE 2 Neutral

Test Report

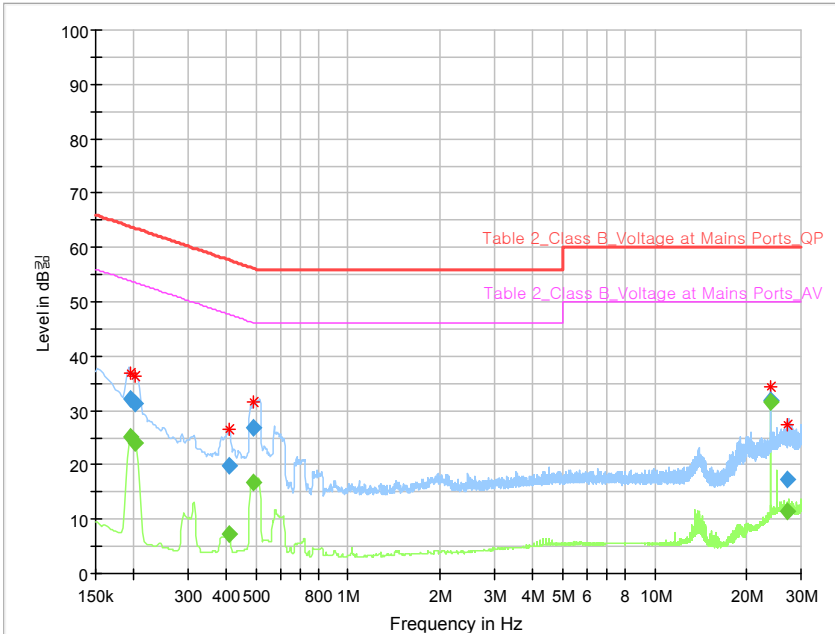
Common Information

Test Description:MA 50.X2.IC.A and MA 210.X2.A.WH

Test Site:ICR Shield Room

Operator Name:LEE S H

Comment:N_MODE 2



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195	---	25.06	53.82	28.76	5000.0	9.000	N	ON	9.9
0.195	32.10	---	63.82	31.72	5000.0	9.000	N	ON	9.9
0.202	---	24.13	53.54	29.41	5000.0	9.000	N	ON	9.8
0.202	31.42	---	63.54	32.12	5000.0	9.000	N	ON	9.8
0.411	---	7.23	47.63	40.39	5000.0	9.000	N	ON	9.9
0.411	19.91	---	57.63	37.72	5000.0	9.000	N	ON	9.9
0.490	---	16.77	46.17	29.40	5000.0	9.000	N	ON	9.9
0.490	26.72	---	56.17	29.45	5000.0	9.000	N	ON	9.9
24.002	---	31.51	50.00	18.49	5000.0	9.000	N	ON	10.0
24.002	31.78	---	60.00	28.22	5000.0	9.000	N	ON	10.0
27.146	---	11.58	50.00	38.42	5000.0	9.000	N	ON	9.8
27.146	17.25	---	60.00	42.75	5000.0	9.000	N	ON	9.8

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