

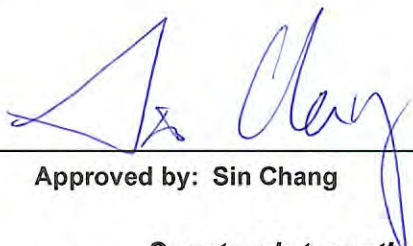


EMI TEST REPORT

Filing Type : Supplier's Declaration of Conformity
Equipment : Industrial Wireless Router
Brand Name : Atop
Model Name : AWR5805P/AWR5805
Applicant : Atop Technologies, Inc.
1F, No. 30 R&D Rd. II, Science-Based Industrial
Park, Hsinchu 30076, Tawian , R.O.C.
Manufacturer : Atop Technologies, Inc.
1F, No. 30 R&D Rd. II, Science-Based Industrial
Park, Hsinchu 30076, Tawian , R.O.C.
Standard : 47 CFR FCC Rules and Regulations Part 15
Subpart B Class A Digital Device

The product was received on Aug. 23, 2022, and testing was started from Nov. 01, 2022 and completed on Nov. 02, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2014 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sin Chang

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-I1_3 Ver1.1



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4	15.107	AC Power Port Conducted Emission	PASS	Under limit 17.23 dB at 13.56 MHz
5	15.109	Radiated Emission below 1GHz	PASS	Under limit 8.34 dB at 76.67 MHz
5	15.109	Radiated Emission above 1GHz	PASS	Under limit 18.32 dB at 1.4845 GHz

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sin Chang

Report Producer: Sophia Shiung

1. General Description of Equipment under Test

Product Detail	
Equipment Name	Industrial Wireless Router
Model Name	AWR5805P/AWR5805
Brand Name	Atop
Power Supply	For EUT 1 (AWR5805P): From DC internal power supply or PoE
	For EUT 2 (AWR5805): From DC internal power supply

1.1. Feature of Equipment under Test

1. The EUTs support WLAN 2.4GHz/5GHz function.
2. Accessories: DC jack*1
3. The difference for each model is show as below:

EUT	Model Name	PoE Function
1	AWR5805P	V
2	AWR5805	X

Note: The above information was declared by manufacturer.

4. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

1.2. Modification of EUT

Please refer to the technical specifications of EUT.

2. Test Configuration of Equipment under Test

2.1. Test Mode

The following table is a list of the test modes shown in this test report.

Conducted Emissions	
Test Mode	Description
1	Normal link: EUT 2_DC internal power supply
2	Normal link: EUT 1_DC internal power supply
3	Normal link: EUT 1_PoE
Mode 3 generated the worst test result, so it was recorded in this report.	

Radiated Emissions below 1GHz	
Test Mode	Description
1	Normal link: EUT 2 in Y_DC internal power supply
2	Normal link: EUT 2 in Z_DC internal power supply
Mode 2 has been evaluated to be the worst case among Mode 1~2, so measurement for Mode 3 ~ 4 will follow this same test mode.	
3	Normal link: EUT 1 in Z_DC internal power supply
4	Normal link: EUT 1 in Z_ PoE
Mode 4 generated the worst test result, so it was recorded in this report.	

Radiated Emissions above 1GHz	
1. Mode 2 generated the worst test results for EUT 2 in Radiated emission below 1GHz test, so the measurement for Radiated emission above 1GHz test will follow this same test configuration. 2. Mode 4 generated the worst test results for EUT 1 in Radiated emission below 1GHz test, so the measurement for Radiated emission above 1GHz test will follow this same test configuration.	
Test Mode	Description
1	Normal link: EUT 2 in Z_DC internal power supply
2	Normal link: EUT 1 in Z_ PoE
Mode 2 generated the worst test result, so it was recorded in this report.	

Note: The PoE and adapter were for measurement only and would not be marketed. Their information is showed as below:

Equipment	Brand	Model	FCC ID	Remark
PoE	Atop	IJG7001	N/A	-
Adapter	UNIFIVE	US315-12	N/A	Used with PoE

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

For Conducted Emissions test:

No.	Support Unit	Brand	Model	FCC ID
A	PoE	Atop	IJG7001	N/A
B	Micro SD Card	Transcend	TS16GUSDHC10	N/A
C	POE IN NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	WAN NB	DELL	E6430	N/A
G	LAN1 NB	DELL	E6430	N/A

For Radiated Emissions test:

No.	Support Unit	Brand	Model	FCC ID
A	PoE	Atop	IJG7001	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	WAN NB	DELL	E6430	N/A
F	Micro SD Card	Transcend	TS16GUSDHC10	N/A

2.3. EUT Operation Condition

During the test, the following programs under Win 7 were executed:

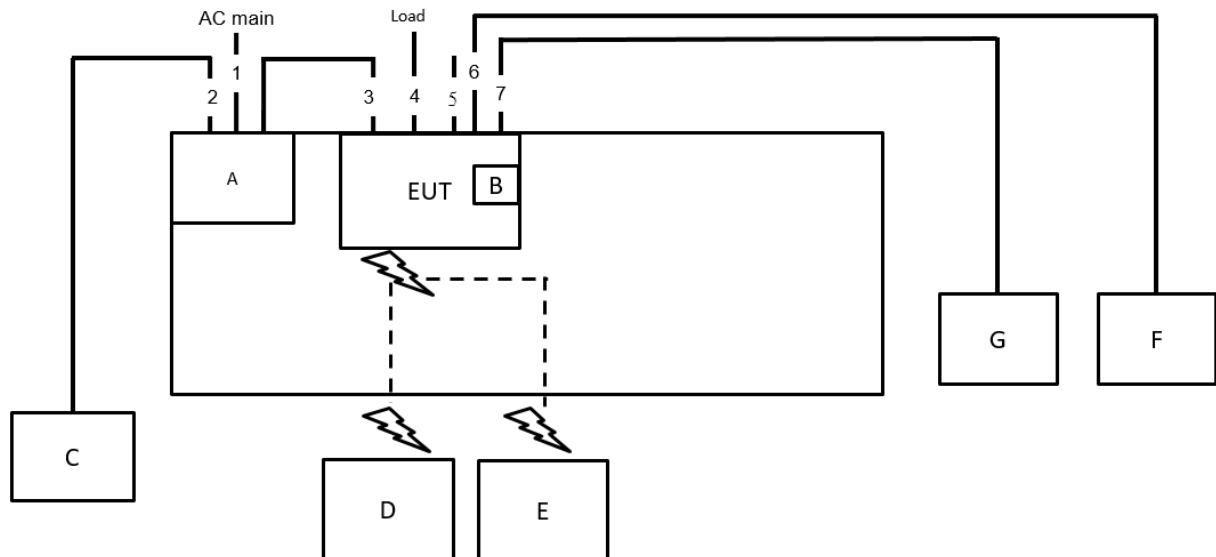
The remote NB executed "Telnet" to link with the EUT to confirm the read and write status from the SD card.

The remote NB executed "telnet" to bridge the WAN & LAN function.

The remote NB executed "ping.exe" to link with the EUT to maintain the connection by LAN, WAN and WLAN.

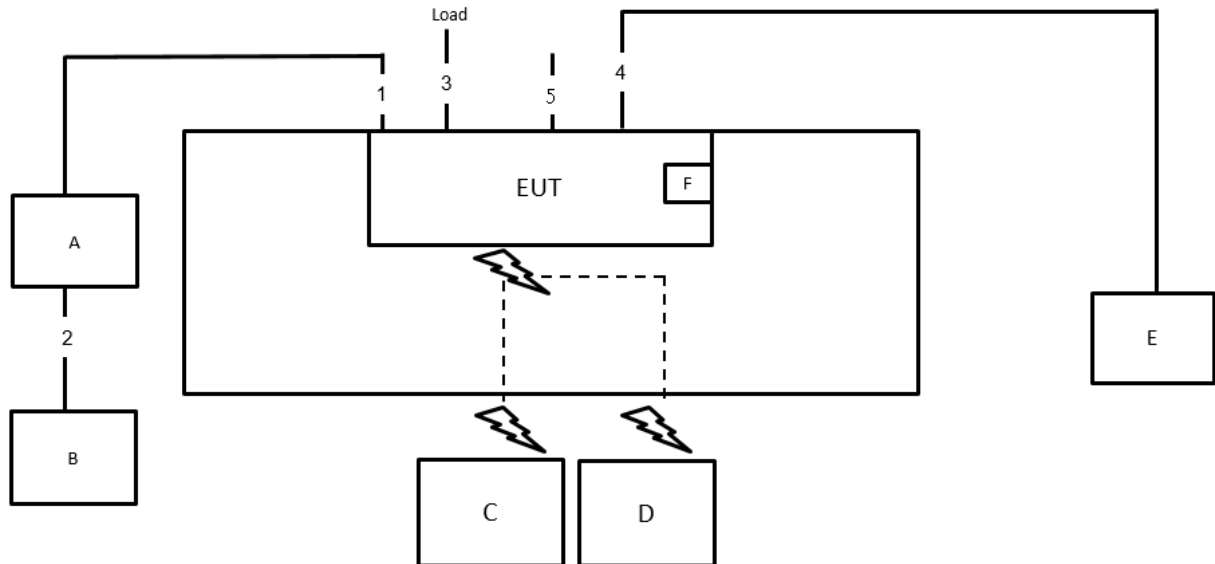
2.4. Connection Diagram of Test System

2.4.1. AC Power Line Conduction Emissions Test Configuration



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m
4	RJ-45 cable*2	No	1.5m
5	Ground cable	No	1.8m
6	RJ-45 cable	No	10m
7	RJ-45 cable	No	10m

2.4.2. Radiation Emissions Test Configuration



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	3m
3	RJ-45 cable*3	No	1.5m
4	RJ-45 cable	No	10m
5	Ground cable	No	1.8m

3. General Information of Test

3.1. Test Facility

EMI		
Test Lab. : Sporton International Inc. Hsinchu Laboratory		
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)	
(TAF: 3787)	TEL: 886-3-656-9065	FAX: 886-3-656-9085

3.2. Test Environment

Test Items	Test Site No.	Test Engineer	Test Environment			Test Date	Remark
			Temp (°C)	Humidity (%)	Pressure (kPa)		
AC Power Port Conducted Emission	CO01-CB	Tim Chen	23~24	58~59	-	Nov. 02, 2022	-
Radiated Emission below 1GHz	10CH01-CB	Ryan Huang	22~23	57~58	-	Nov. 01, 2022	-
Radiated Emission above 1GHz	10CH01-CB	Ryan Huang	22~23	57~58	-	Nov. 01, 2022~ Nov. 02, 2022	-

3.3. Test Voltage

Power Type	Test Voltage
AC Power Supply	120 V / 60 Hz

3.4. Standard for Methods of Measurement

ANSI C63.4-2014

3.5. Frequency Range Investigated

Test Items	Frequency Range
Conducted emission test	150 kHz to 30 MHz
Radiated emission test	30 MHz to 30,000 MHz

3.6. Test Distance

Test Items	Test Distance
Radiated emission test below 1 GHz (30 MHz to 1,000 MHz)	10 m
Radiated emission test above 1 GHz (1,000 MHz to 18,000 MHz)	3 m
Radiated emission test above 1 GHz (18,000 MHz to 30,000 MHz)	1 m

4. Test of Conducted Emission

4.1. Limit

Frequency (MHz)	QP Limit (dBuV)	AV Limit (dBuV)
0.15~0.5	79	66
0.5~30	73	60

4.2. Test Procedures

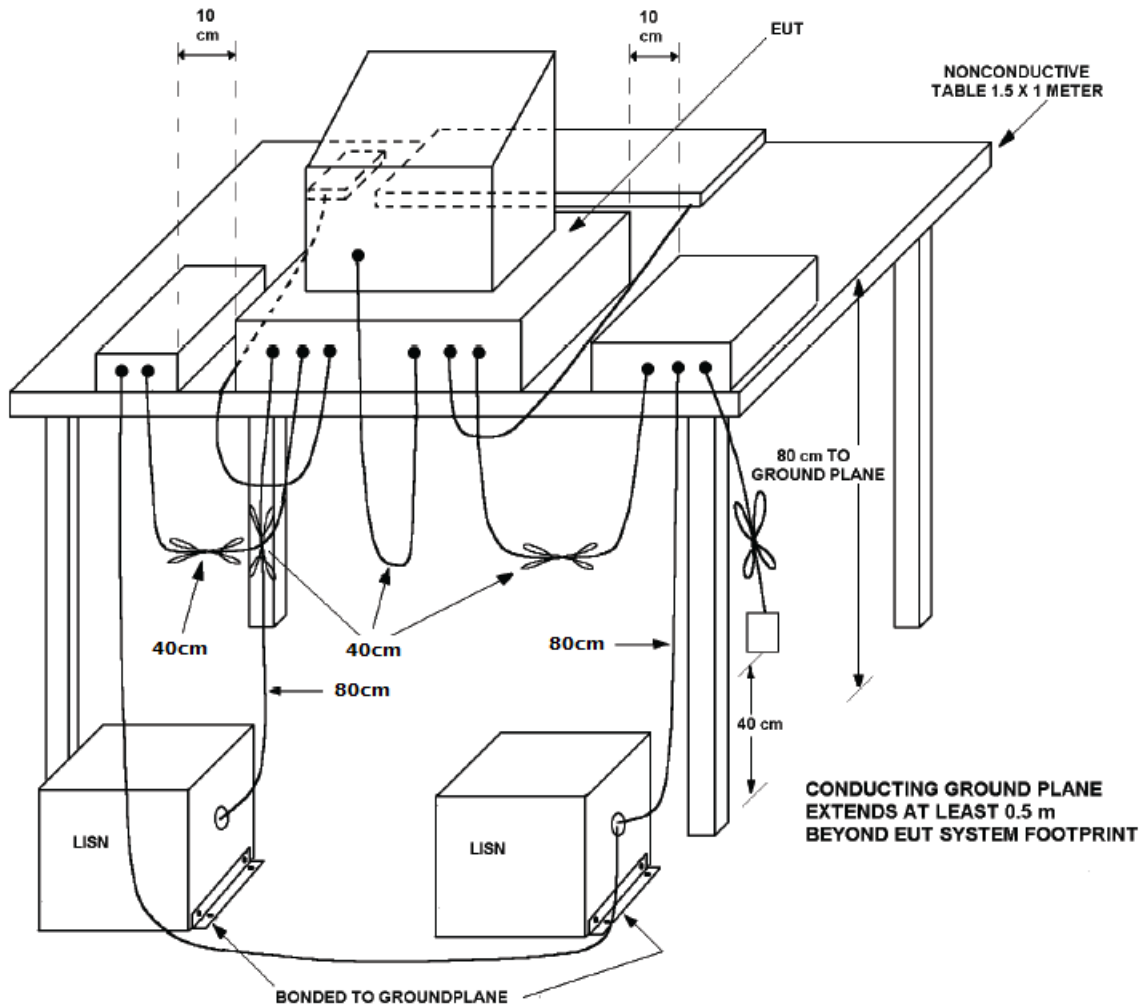
- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connect to the other LISN.
- The LISN provides 50 Ω coupling impedance for the measuring instrument.
- The FCC states that a 50 Ω , 50 μ H LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

4.3. Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw)
= Level
- Margin = -Limit + Level

4.4. Typical Test Setup Layout of Conducted Emission



4.5. Test Result of AC Power Ports

Refer as Appendix A

5. Test of Radiated Emission

5.1. Limit

Radiated Emission below 1 GHz test at 10 m:

Frequency (MHz)	QP (dBuV/m)
30~230	40
230~1,000	47

Radiated Emission 1~18 GHz test at 3 m:

Frequency (MHz)	PK (dBuV/m)	AV (dBuV/m)
1,000 to 18,000	80	60

Radiated Emission 18~30 GHz test at 1 m:

Frequency (MHz)	PK (dBuV/m)	AV (dBuV/m)
18,000 to 30,000	89.54	69.54

5.2. Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 10m (below 1GHz) / 3m (1GHz-18GHz) / 1m (18GHz-30GHz) meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

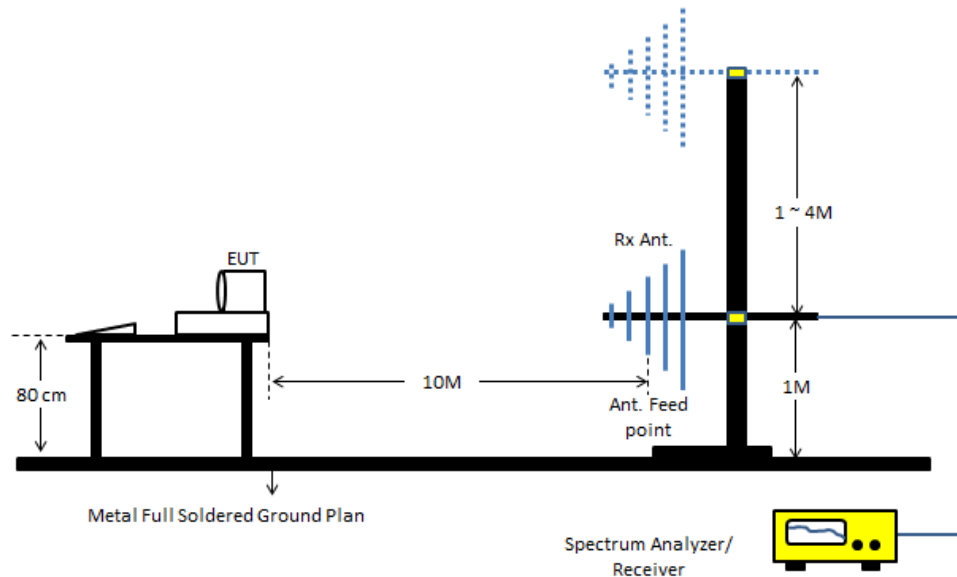
5.3. Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA) = Level
- b. Margin = -Limit + Level

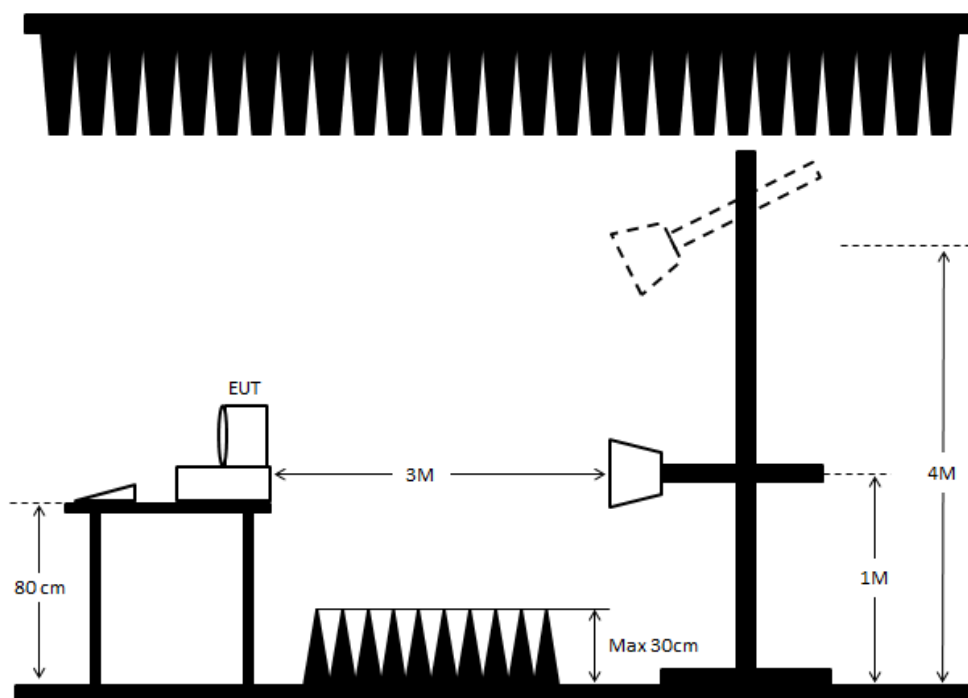
5.4. Typical Test Setup Layout of Radiated Emission

<Below 1 GHz>:

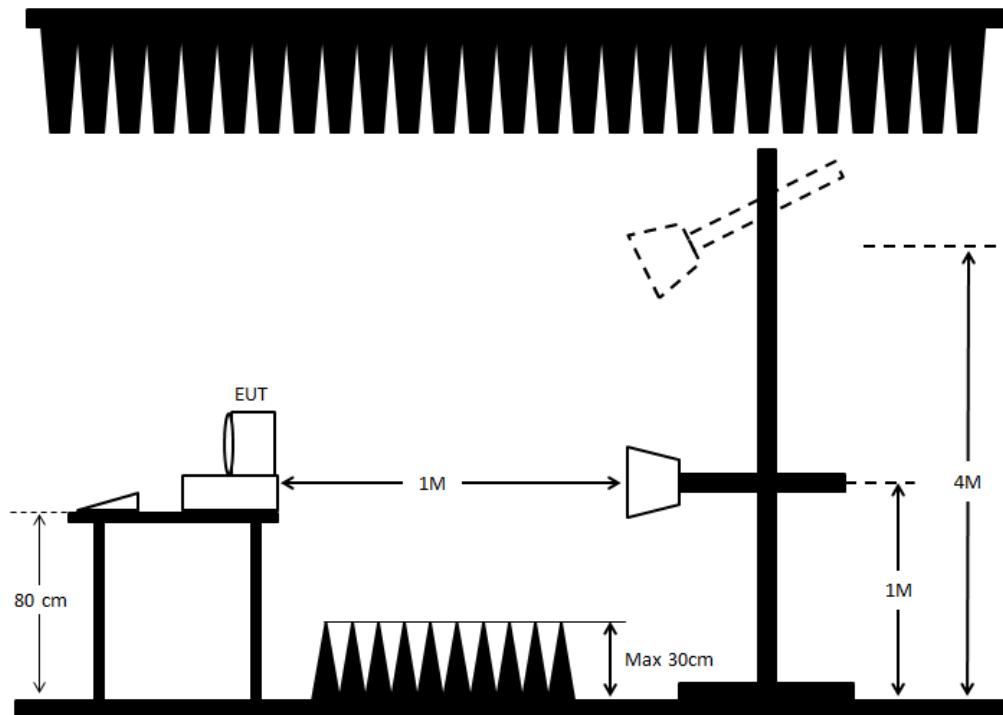


<Above 1 GHz>:

1,000~18,000 MHz



18,000~30,000 MHz



5.5. Test Result of Radiated Emission

Refer as Appendix B

6. List of Measuring Equipment Used

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber VSWR	TDK	SAC-10M	10CH01-CB	1GHz ~18GHz 3m	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Biconical Antenna	Schwarzbeck	VHBB 9124	324	30MHz ~ 200MHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
Log Antenna	Schwarzbeck	VUSLP 9111	247	200MHz ~ 1GHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 11, 2022	Jul. 10, 2023	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Horn Antenna	ESCO	3117	00081283	1GHz ~ 18GHz	Nov. 25, 2021	Nov. 24, 2022	Radiation (10CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02660	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (10CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (10CH01-CB)



High Cable	TITAN	T318E	high cable-02	1GHz ~ 18GHz	Mar. 16, 2022	Mar. 15, 2023	Radiation (10CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (10CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (10CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)

※ Calibration Interval of instruments listed above is one year.

※ N.C.R. means Non-Calibration required.



7. Uncertainty of Test Site

Test Items	Uncertainty	Remark
Conducted Emissions	3.4 dB	Confidence levels of 95%
Radiated Emissions below 1GHz	4.9 dB	Confidence levels of 95%
Radiated Emissions 1GHz ~ 40GHz	4.0 dB	Confidence levels of 95%



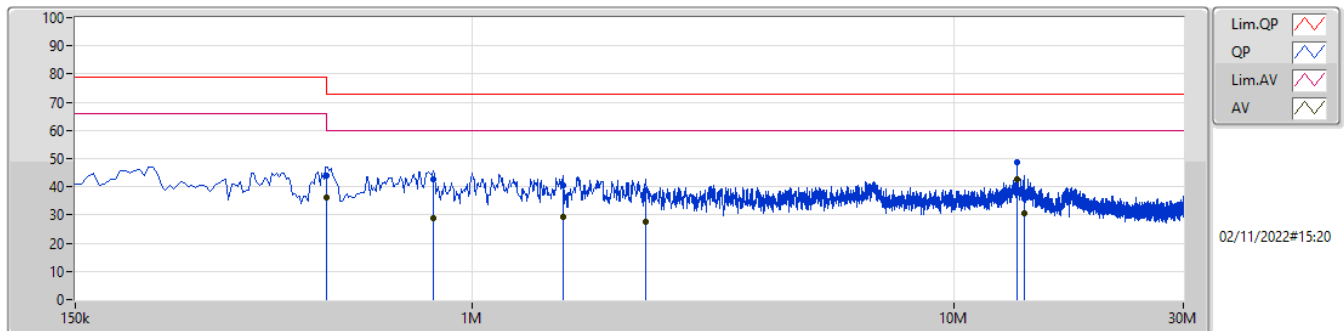
Conducted Emissions at Powerline

Appendix A

Summary

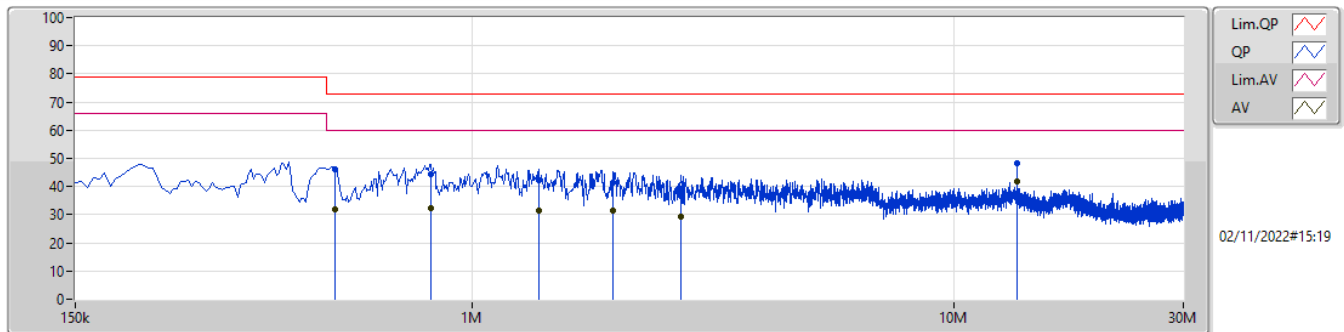
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	13.56M	42.77	60.00	-17.23	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	500k	44.06	73.00	-28.94	10.01	Line	-	34.05	0.06	0.06	9.89						
AV	500k	36.00	60.00	-24.00	10.01	Line	-	25.99	0.06	0.06	9.89						
QP	829.5k	42.70	73.00	-30.30	10.00	Line	-	32.70	0.07	0.04	9.89						
AV	829.5k	29.00	60.00	-31.00	10.00	Line	-	19.00	0.07	0.04	9.89						
QP	1.545M	40.70	73.00	-32.30	10.04	Line	-	30.66	0.08	0.07	9.89						
AV	1.545M	29.24	60.00	-30.76	10.04	Line	-	19.20	0.08	0.07	9.89						
QP	2.292M	38.75	73.00	-34.25	10.08	Line	-	28.67	0.10	0.09	9.89						
AV	2.292M	27.42	60.00	-32.58	10.08	Line	-	17.34	0.10	0.09	9.89						
QP	13.56M	48.86	73.00	-24.14	10.36	Line	-	38.50	0.26	0.17	9.93						
AV	13.56M	42.77	60.00	-17.23	10.36	Line	"Worst"	32.41	0.26	0.17	9.93						
QP	14.006M	37.74	73.00	-35.26	10.36	Line	-	27.38	0.26	0.17	9.93						
AV	14.006M	30.56	60.00	-29.44	10.36	Line	-	20.20	0.26	0.17	9.93						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	519k	45.95	73.00	-27.05	10.01	Neutral	-	35.94	0.07	0.05	9.89						
AV	519k	32.02	60.00	-27.98	10.01	Neutral	-	22.01	0.07	0.05	9.89						
QP	820.5k	44.60	73.00	-28.40	10.01	Neutral	-	34.59	0.08	0.04	9.89						
AV	820.5k	32.20	60.00	-27.80	10.01	Neutral	-	22.19	0.08	0.04	9.89						
QP	1.374M	42.31	73.00	-30.69	10.04	Neutral	-	32.27	0.09	0.06	9.89						
AV	1.374M	31.34	60.00	-28.66	10.04	Neutral	-	21.30	0.09	0.06	9.89						
QP	1.959M	41.45	73.00	-31.55	10.08	Neutral	-	31.37	0.10	0.09	9.89						
AV	1.959M	31.34	60.00	-28.66	10.08	Neutral	-	21.26	0.10	0.09	9.89						
QP	2.711M	39.41	73.00	-33.59	10.09	Neutral	-	29.32	0.11	0.09	9.89						
AV	2.711M	29.45	60.00	-30.55	10.09	Neutral	-	19.36	0.11	0.09	9.89						
QP	13.56M	48.21	73.00	-24.79	10.37	Neutral	-	37.84	0.27	0.17	9.93						
AV	13.56M	42.01	60.00	-17.99	10.37	Neutral	"Worst"	31.64	0.27	0.17	9.93						



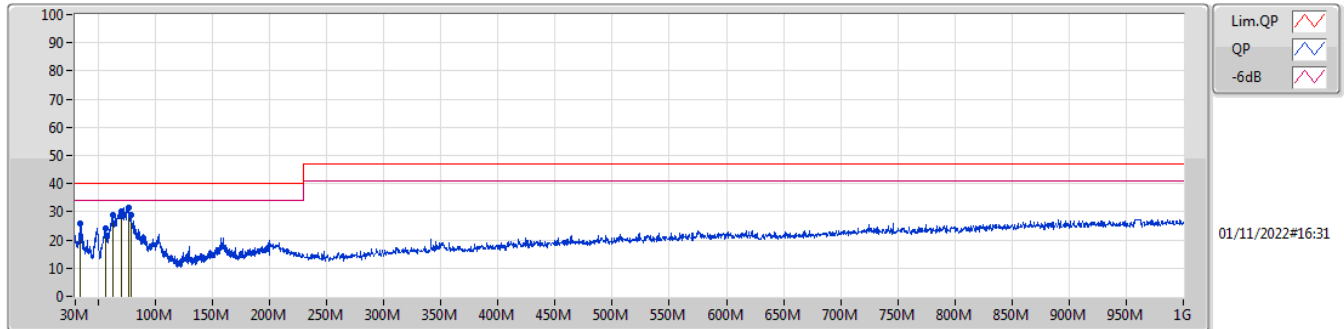
Radiated Emissions below 1GHz

Appendix B.1

Summary

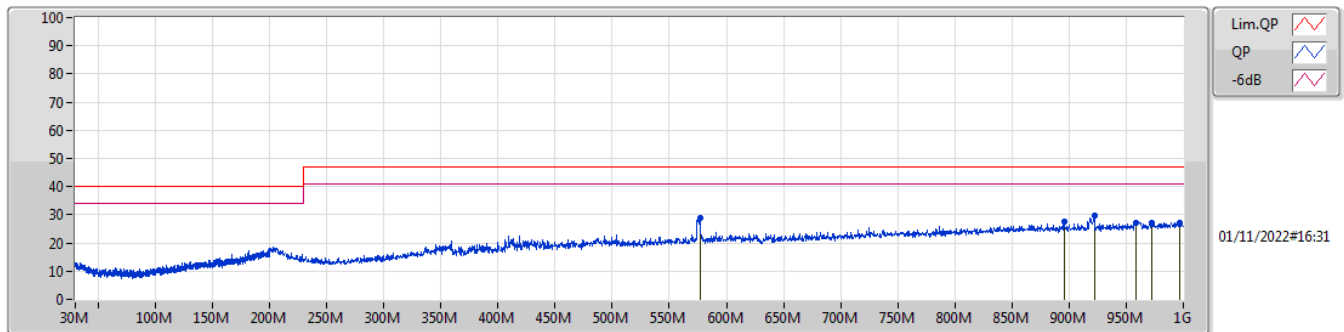
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	76.67M	31.66	40.00	-8.34	Vertical

Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	34.51M	25.82	40.00	-14.18	-15.30	10	Vertical	102	1.00	-	41.12	12.57	0.89	28.76		
PK	56.35M	24.22	40.00	-15.78	-17.63	10	Vertical	318	1.00	-	41.85	9.93	1.11	28.67		
PK	62.47M	28.76	40.00	-11.24	-17.76	10	Vertical	113	3.00	-	46.52	9.56	1.33	28.65		
PK	70.29M	30.28	40.00	-9.72	-17.96	10	Vertical	226	1.00	-	48.24	9.22	1.44	28.62		
PK	76.67M	31.66	40.00	-8.34	-17.69	10	Vertical	260	2.00	"Worst"	49.35	9.20	1.74	28.63		
PK	78.45M	28.83	40.00	-11.17	-17.75	10	Vertical	2	2.00	-	46.58	9.12	1.75	28.62		

Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	577.2M	29.02	47.00	-17.98	-4.13	10	Horizontal	126	2.00	-	33.15	19.13	5.18	28.44		
PK	895.6M	27.38	47.00	-19.62	0.84	10	Horizontal	3	1.00	-	26.54	21.77	6.54	27.47		
PK	922.4M	29.54	47.00	-17.46	1.25	10	Horizontal	0	1.00	"Worst"	28.29	22.07	6.57	27.39		
PK	958.4M	27.36	47.00	-19.64	1.73	10	Horizontal	302	1.00	-	25.63	22.37	6.66	27.30		
PK	972M	27.28	47.00	-19.72	1.93	10	Horizontal	51	4.00	-	25.35	22.46	6.75	27.28		
PK	997.2M	27.37	47.00	-19.63	2.58	10	Horizontal	230	3.00	-	24.79	22.88	6.93	27.23		



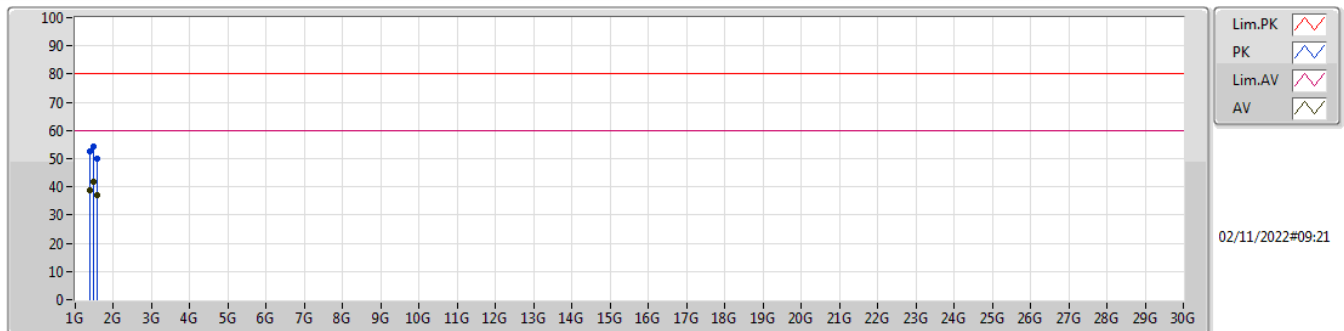
Radiated Emissions above 1GHz

Appendix B.2

Summary

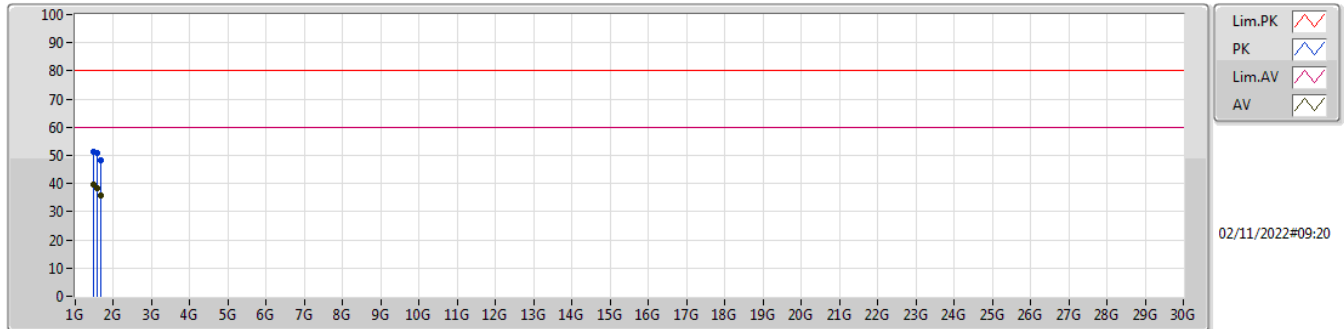
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.4845G	41.68	60.00	-18.32	Vertical

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	1.391G	52.78	80.00	-27.22	-2.46	3	Vertical	357	4.00	-	55.24	28.21	5.17	35.84		
AV	1.391G	38.77	60.00	-21.23	-2.46	3	Vertical	357	4.00	-	41.23	28.21	5.17	35.84		
PK	1.4845G	54.12	80.00	-25.88	-2.17	3	Vertical	357	1.00	-	56.29	28.02	5.45	35.64		
AV	1.4845G	41.68	60.00	-18.32	-2.17	3	Vertical	357	1.00	"Worst"	43.85	28.02	5.45	35.64		
PK	1.578G	49.91	80.00	-30.09	-1.51	3	Vertical	0	2.00	-	51.42	28.31	5.73	35.55		
AV	1.578G	37.22	60.00	-22.78	-1.51	3	Vertical	0	2.00	-	38.73	28.31	5.73	35.55		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	1.4845G	51.24	80.00	-28.76	-2.17	3	Horizontal	277	3.00	-	53.41	28.02	5.45	35.64		
AV	1.4845G	39.44	60.00	-20.56	-2.17	3	Horizontal	277	3.00	"Worst"	41.61	28.02	5.45	35.64		
PK	1.578G	51.03	80.00	-28.97	-1.51	3	Horizontal	312	2.00	-	52.54	28.31	5.73	35.55		
AV	1.578G	38.44	60.00	-21.56	-1.51	3	Horizontal	312	2.00	-	39.95	28.31	5.73	35.55		
PK	1.68G	48.18	80.00	-31.82	-0.13	3	Horizontal	300	1.00	-	48.31	29.46	5.88	35.47		
AV	1.68G	35.69	60.00	-24.31	-0.13	3	Horizontal	300	1.00	-	35.82	29.46	5.88	35.47		

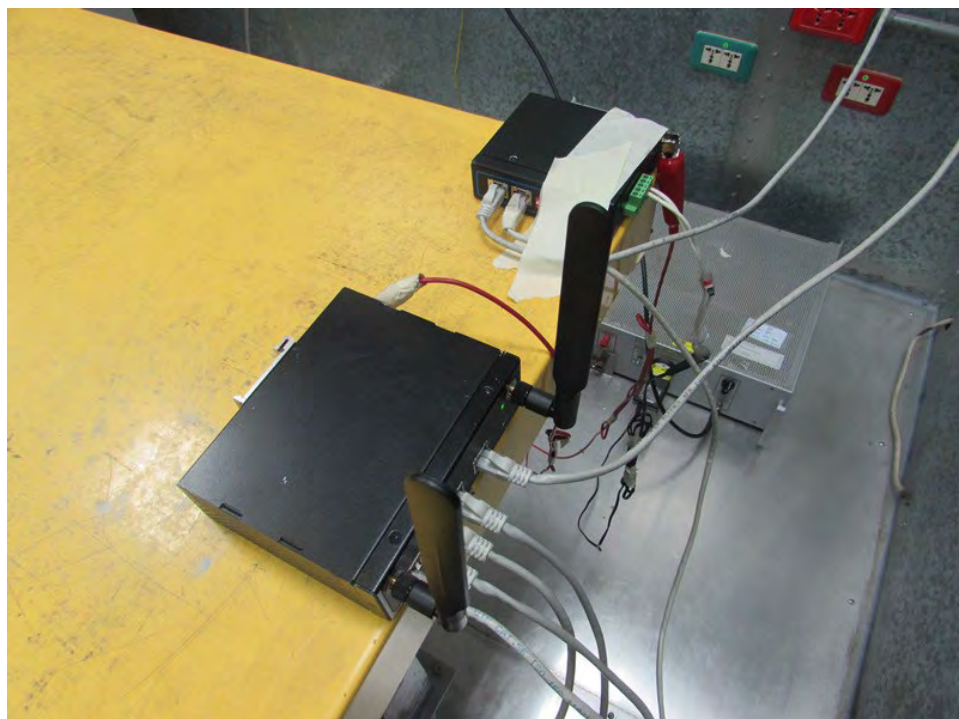
1. Photographs of Conducted Emissions Test Configuration

Test mode: Mode 3

FRONT VIEW



REAR VIEW



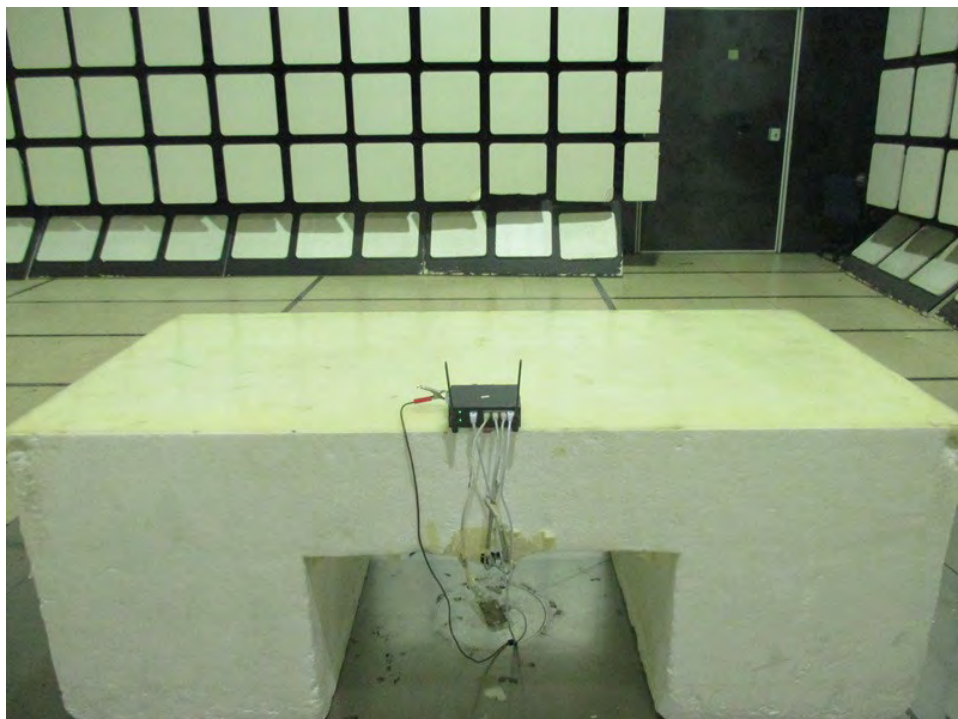
2. Photographs of Radiated Emissions Test Configuration

Test Configuration: 30MHz~1GHz / Test mode: Mode 4

FRONT VIEW



REAR VIEW

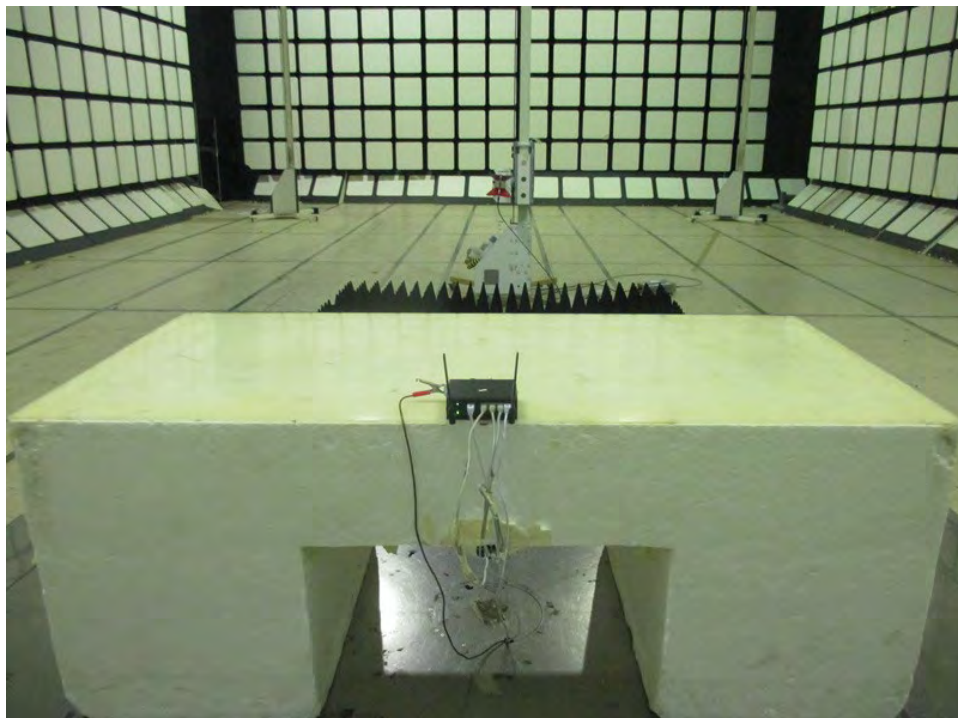


Test Configuration: Above 1GHz / Test mode: Mode 2

FRONT VIEW



REAR VIEW



————THE END————