

FCC TEST REPORT

Job No. : GPEM2210000505EC
Applicant : PLUTO Solution Co., LTD
Equipment Under Test (EUT) :
Product Name : PINIX Main Module
Model Name : PXM-100
FCC Authorization Type : Certification
Applied Standards : FCC Part 15 Subpart B, Class A
FCC ID : 2AZ8A-PXM-100
Date of Receipt : October 24, 2022
Date of Test : November 9 ~ November 22, 2022
Date of Issue : February 17, 2023
Test Results : Complied

Tested by :



Kevin Jo

Reviewed by :



Paul Kang

This test report does not assure KOLAS accreditation.

- 1) The results of this test report are effective only to the items tested.
- 2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.

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The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full.

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Revision History

Revision	Report number	Description
0	F690501-RF-EMC001027	Initial
1	F690501-RF-EMC001027_1	Revise 1.3 General Information of E.U.T.

1. General Information

1.1 Client Information

Applicant	PLUTO Solution CO., LTD
Applicant Address	B-1122, Kumkang Penterium IT Tower 282, Hagui-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
Manufacturer	PLUTO Solution CO., LTD
Manufacturer Address	B-1122, Kumkang Penterium IT Tower 282, Hagui-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea

1.2 Test Laboratory

Name and Address	SGS Korea Co., Ltd.
- Giheung Laboratory	35, Giheungdanji-ro 121beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- Gunpo Laboratory	4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, 15807, Republic of Korea
- Dongtan Laboratory	12, Dongtansandan 10-gil, Hwaseong-si, Gyeonggi-do, 18487, Republic of Korea
FCC Registration No.	KR0150
Phone	+ 82 31 428 5719
Fax	+ 82 31 427 2371
e-mail	paul.kang@sgs.com

1.3 General Information of E.U.T.

Classification	Specification
Product Name	PINIX Main Module
Model Name	PXM-100
Serial No.	XM1008ML00024A
EMI Classification	Class A
Test Voltage	AC 120 V, 60 Hz
Rated Power	INPUT: AC (100 ~ 240) V, 50/60 Hz OUTPUT: DC 24 V, 5 A
Internal Clock Frequency	1 800 MHz
Wireless network specification	802.11 a/b/g/n/ac (2.4, 5 GHz)
Port	Expansion Port-Ethernet(DIN 8PIN)(2 EA), Eth1 External Ethernet, Eth0 External Ethernet, Power Jack (Unused/Administrator Port : ADB Debug Port, UART Debug Port)
S/W Version	V2.0.0
H/W Version	V1.3.0
Components	-
Function	General purpose sensor gateway

1.4 Operating Modes and Conditions

Operating mode	Operating Condition
Operating	Data communication state with PINIX Serial Module.

1.5 Peripheral Equipments

Description	Model	Serial No.	Manufacturer	Note.
Sensor	THS-100	-	PLUTO Solution Co., LTD	16 EA
PINIX Serial Module	PXS-100	-	PLUTO Solution Co., LTD	2 EA
Laptop PC	15-bc225TX	-	HP	-
USB Mouse	M90	-	logitech	-
Router	A1004	-	EFM-Networks	-
Laptop Adaptor	TPN-DA03	-	DELTA ELECTRONICS (JIANGSU) LTD.	-

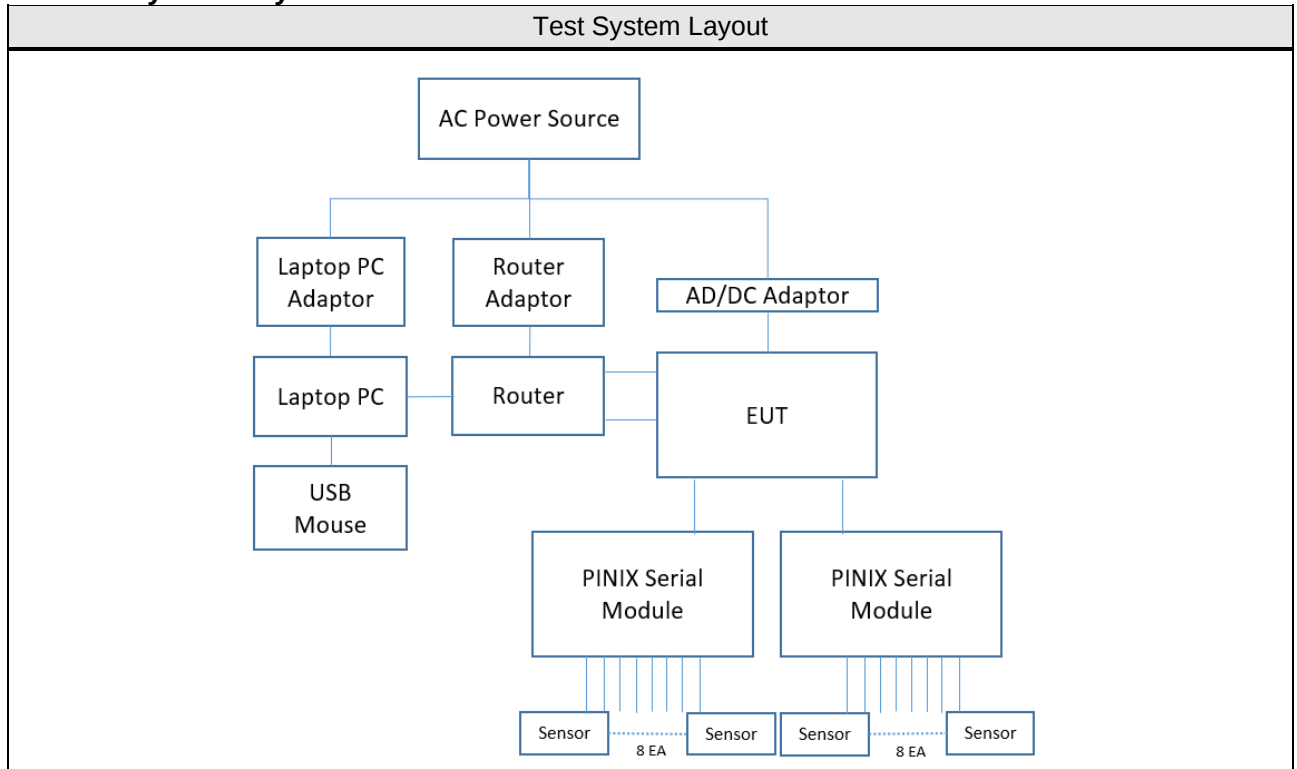
1.6 Cable List

Start		END		Cable Spec.		Used core
Name	I/O Port	Name	I/O Port	Length (m)	Shield	
EUT	Power Jack	AC/DC Adaptor	DC OUT	1.5	Unshield	-
	Ether1 External Ethernet	Router	Ethernet	3.0	Unshield	-
	Ether0 External Ethernet		Ethernet	4.2	Unshield	-
	Expansion Port 1	PINIX Serial Module	Ethernet (DIN 8 PIN)	5.2	Shield	-
	Expansion Port 2		Ethernet (DIN 8 PIN)	5.2	Shield	-

1.7 System Configurations

Description	Model	Serial No.	Manufacturer	Note
Antenna	-	-	-	-
LCD Module	ST7735S Controller	-	Waveshare	-
Main Board	PINIX MAIN_MX8MM_STL071 ETHRSUS V1.2.0	-	-	-
WLAN Board	DART-MX8M-MINI V1.1	-	Variscite	-
AC/DC Adaptor	GM130-2400500-F	-	Foshan Shunde Guanyuda Power Supply Co., Ltd.	-

1.8 Test System Layout



1.9 Modifications/Notes

- There was no modified item during the test.

1.10 Applicable Standards for Testing

Standards	Status	Deviation
FCC Part 15 : Subpart B ANSI C63.4a:2017	Applicable	No Deviation

1.11 Summary of Test Results

Test Item	Standards	Results
Conducted Emission	FCC Part 15 Subpart B Section 15.107 ANSI C63.4a:2017	Complied
Radiated Emission	FCC Part 15 Subpart B Section 15.109 ANSI C63.4a:2017	Complied

Note : Test methods of all test items are performed according to the basic standards in this table.

EMISSION

2.1 Test Results

Test Items	Standards	Test Results
Conducted Emission	FCC Part 15 Subpart B Section 15.107 ANSI C63.4a:2017	Complied
Radiated Emission	FCC Part 15 Subpart B Section 15.109 ANSI C63.4a:2017	Complied

2.2 Test Method and Limits

2.2.1 Test Method

Test Items	Measuring Frequency Range	RBW	Measuring Distance
Conducted Emission	0.15 MHz ~ 30 MHz	9 kHz	-
Radiated Emission	30 MHz ~ 1 GHz	120 kHz	10 m & 3 m
	Above 1 GHz	1 MHz	3 m

Note : 10 m method of radiated emission measurement is only applied to Class A equipment over the frequency range of 30 MHz ~ 1 GHz. Except this, 3 m method is applied to Class B equipment over the frequency range of 30 MHz ~ 1 GHz and Class A and Class B equipment above 1 GHz.

2.2.2 Test Limits

-Conducted Emission Limits

Frequency Range	Limits(dB μ V)		Class
	Quasi-peak	Average	
0.15 MHz ~ 0.5 MHz	79	66	Class A
0.5 MHz ~ 30 MHz	73	60	
0.15 MHz ~ 0.5 MHz	66 to 56	56 to 46	Class B
0.5 MHz ~ 5 MHz	56	46	
5 MHz ~ 30 MHz	60	50	

Note : The lower limit shall apply at the transition frequencies. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

-Radiated Emission Limits below 1 GHz

Frequency Range	Limits(dB μ V/m)	Class
	Quasi-peak	
30 MHz ~ 88 MHz	39.1	Class A (10 m method)
88 MHz ~ 216 MHz	43.5	
216 MHz ~ 960 MHz	46.4	
960 MHz ~ 1 GHz	49.5	
30 MHz ~ 88 MHz	40.0	Class B (3 m method)
88 MHz ~ 216 MHz	43.5	
216 MHz ~ 960 MHz	46.0	
960 MHz ~ 1 GHz	54.0	

-Radiated Emission Limits above 1 GHz (3 m method)

Frequency Range	Limits(dB μ V/m)		Class
	Average	Peak	
Above 1 GHz	60.0	80.0	Class A
Above 1 GHz	54.0	74.0	Class B

Note : The limits of class A equipment is extrapolated using an extrapolation factor of 20 dB/decade because it was measured at 3 m distance not 10 m distance.

2.3 Conducted Disturbance

The initial preliminary exploratory scans were performed over the measuring frequency range(0.15 MHz to 30 MHz) using a max hold mode incorporating a Peak detector and CISPR-Average detector and using the EMI measuring software. The final test data was measured using a Quasi-Peak detector and CISPR-Average detector.

Note. Measuring software

- Giheung Lab.: EMC32(V10.40.10) from R&S
- Gunpo Lab.: EMC32(V10.60.20) from R&S
- Dongtan Lab.: EMC32(V10.40.00) from R&S

2.3.1 Test Equipments

Equipment	Model	Manufacturer	Serial No	Cal Due. Date
Two-Line V-Network	ENV216	R & S	100190	2023.05.13
Test Receiver	ESCI 7	R & S	100911	2023.02.23
RF Cable	CA-03	-	-	-

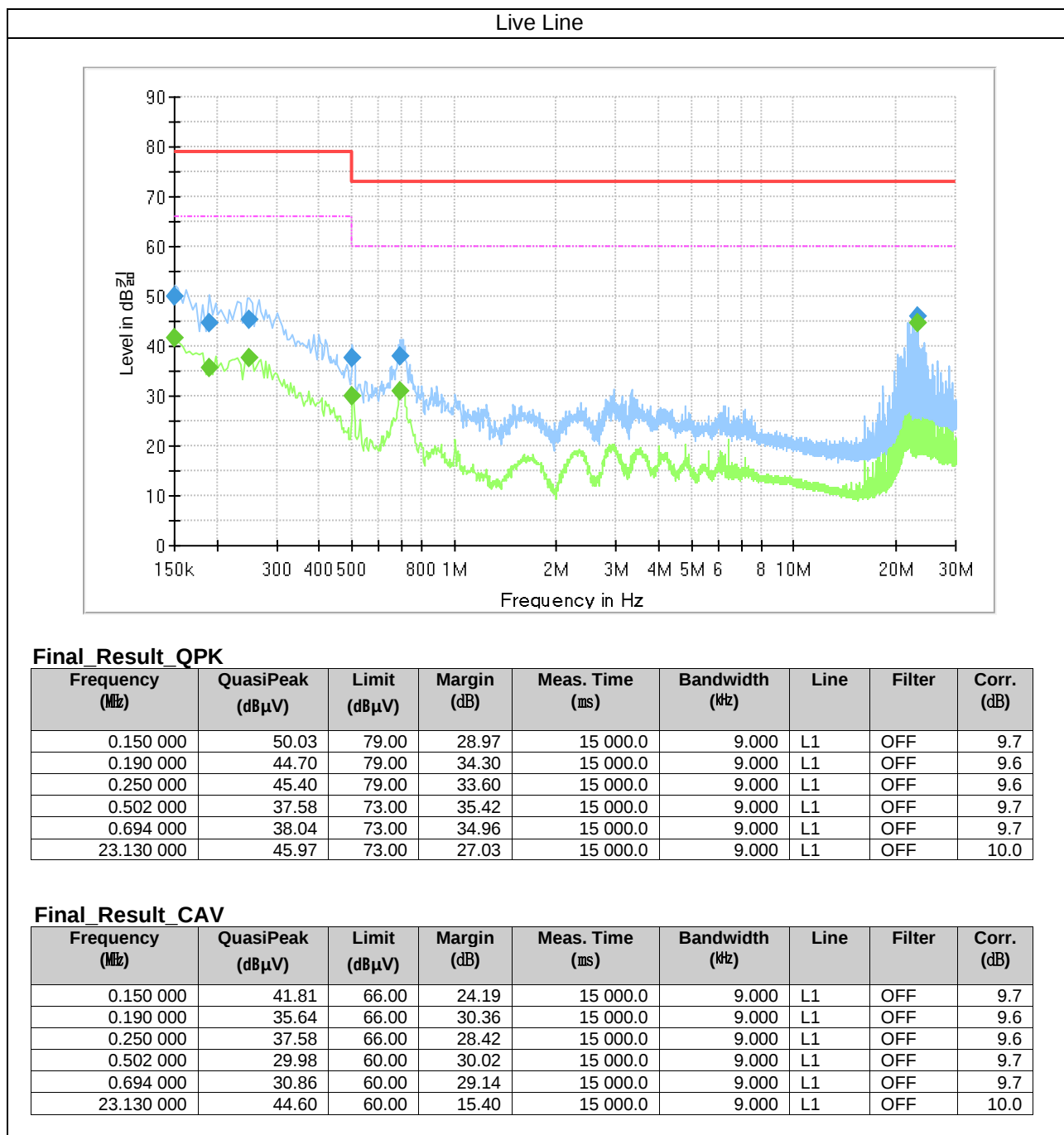
2.3.2 Test Site

Shield Room in Gunpo Laboratory

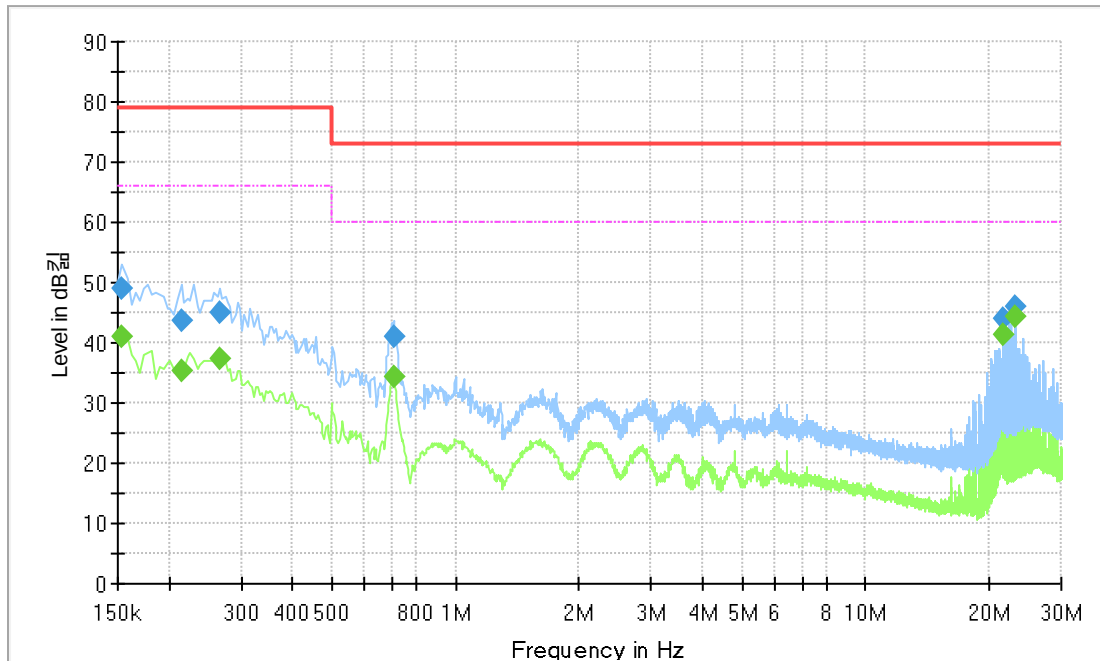
2.3.3 Environment Conditions

Temperature	(Minimum 21.6, Maximum 21.8) °C
Humidity	(Minimum 31.0, Maximum 33.0) % R.H.
Atmospheric Pressure	(Minimum 102.7, Maximum 102.7) kPa
Test Date	November 18, 2022

2.3.4 Test Results



Neutral Line



Final Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154 000	49.17	79.00	29.83	15 000.0	9.000	N	OFF	9.6
0.214 000	43.60	79.00	35.40	15 000.0	9.000	N	OFF	9.6
0.266 000	45.12	79.00	33.88	15 000.0	9.000	N	OFF	9.6
0.706 000	41.13	73.00	31.87	15 000.0	9.000	N	OFF	9.7
21.662 000	44.14	73.00	28.86	15 000.0	9.000	N	OFF	10.0
23.130 000	45.89	73.00	27.11	15 000.0	9.000	N	OFF	10.0

Final Result_CAV

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154 000	41.09	66.00	24.91	15 000.0	9.000	N	OFF	9.6
0.214 000	35.26	66.00	30.74	15 000.0	9.000	N	OFF	9.6
0.266 000	37.41	66.00	28.60	15 000.0	9.000	N	OFF	9.6
0.706 000	34.30	60.00	25.70	15 000.0	9.000	N	OFF	9.7
21.662 000	41.43	60.00	18.57	15 000.0	9.000	N	OFF	10.0
23.130 000	44.31	60.00	15.69	15 000.0	9.000	N	OFF	10.0

Measurement Uncertainty : See Appendix A

Note1 : • Line (L1) : Hot • Line (N) : Neutral

- Margin = Limit – Quasi Peak or CAverage
- Corr. = LISN Factor + Cable loss

Ex) In case

Freq ; 0.5 MHz, level ; 30 dB(μV), CL ; 0.2 dB, LISN ; 9.5 dB, P/L: 9.8 dB

Result = Level + CL + LISN + P/L

= 30 + 0.2 + 9.5 + 9.8

= 49.5

Margin = Limit – Result

= 79 - 49.5

= 29.5

2.4 Radiated Emission

The initial preliminary exploratory scans were performed over the measuring frequency range (30 MHz to 30 GHz) using a max hold mode incorporating a Peak detector by using the EMI measuring software. The final test data was measured using a Quasi-Peak detector below 1 GHz, Peak and CISPR Average detector above 1 GHz.

Measurements were made with the antenna positioned in both the horizontal and vertical planes of polarization. The antenna height was varied from 1 m to 4 m and the EUT was rotated 360° to find the maximum emitting point for each frequency.

Note. Measuring software

- Giheung Lab.: EMC32(V10.40.10) from R&S
- Gunpo Lab.: EP5RE(V5.3.70) from TOYO
- Dongtan Lab.: EMC32(V10.40.10) from R&S

2.4.1 Test Equipments

Equipment	Model	Manufacturer	Serial No	Cal Due. Date
Horn Antenna	HF906	R & S	100326	2023.02.18
Signal Conditioning Unit	SCU 18	R & S	10117	2023.06.13
Test Receiver	ESU26	R & S	100109	2023.01.18
Test Receiver	ESW44	R & S	101767	2023.10.20
Horn Antenna	BBHA9170	SCHWARZBECK	9170-540	2023.11.30
Pre Amplifier	TK-PA1840H	TESTEK	130016	2023.01.10
RF Cable	CA-04	-	-	-
RF Cable	CA-05	-	-	-
RF Cable	CA-06	RF ONE	J023142	-
RF Cable	CA-07	RF ONE	0200324001	-
PREAMPLIFIER	AM-1431	MITEQ	1336160	2023.05.20
Hybrid Antenna	VULB9163	SCHWARZBECK	396	2023.03.24
EMI TEST RECEIVER	ESU40	R&S	100075	2023.01.19
RF Cable	EMH-1Lab-RE-02	-	-	-
RF Cable	EMH-1Lab-RE-03	-	-	-
RF Cable	EMH-1Lab-RE-04	-	-	-

Note: The calibration period of every equipment is 1 year.

2.4.2 Test Site

10 m SEMI-ANECHOIC CHAMBER in Giheung Laboratory(Below 1 GHz)

3 m SEMI-ANECHOIC CHAMBER in Gunpo Laboratory(Above 1 GHz)

2.4.3 Environment Conditions

Below 1 GHz

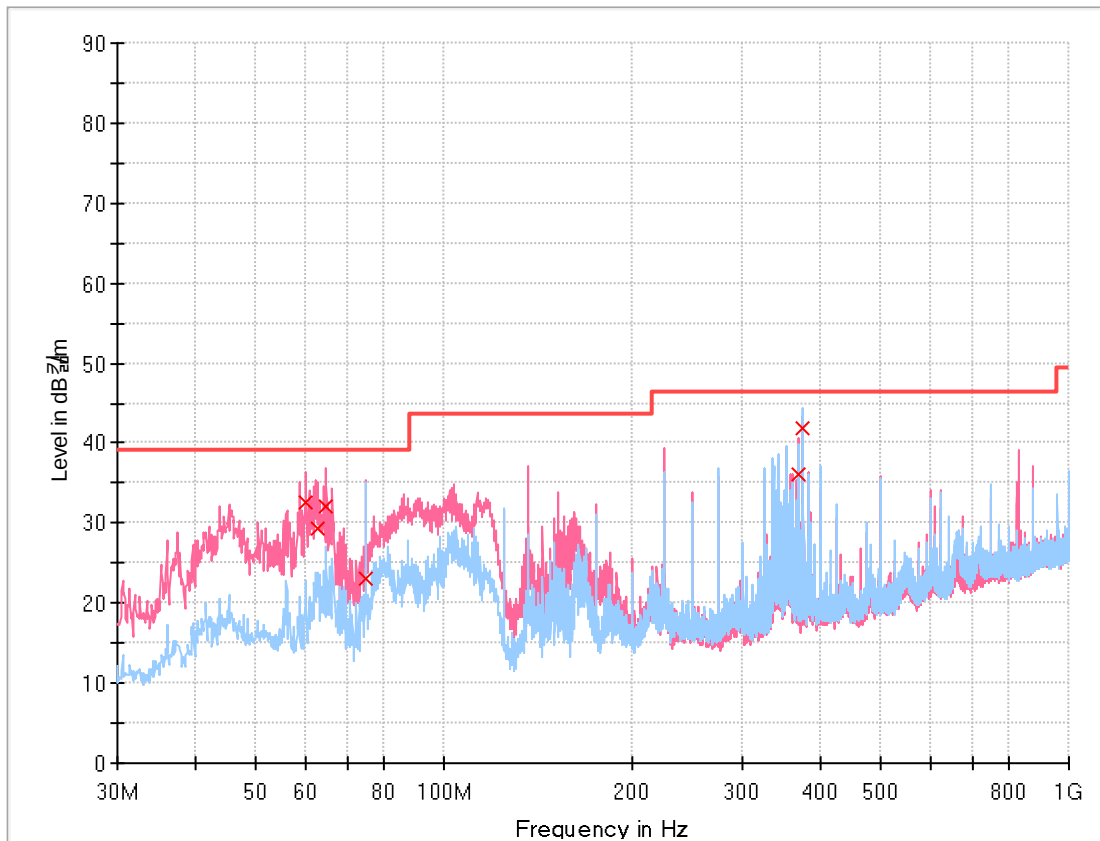
Temperature	(Minimum 21.1, Maximum 21.6) °C
Humidity	(Minimum 33.0, Maximum 33.0) % R.H.
Atmospheric Pressure	(Minimum 101.2, Maximum 101.2) kPa
Test Date	November 9, 2022

Above 1 GHz

Temperature	(Minimum 19.4, Maximum 19.8) °C
Humidity	(Minimum 24.0, Maximum 26.0) % R.H.
Atmospheric Pressure	(Minimum 100.1, Maximum 100.1) kPa
Test Date	November 22, 2022

2.4.4 Test Results

Below 1 GHz (10 m method)



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
60.167	32.56	39.10	6.54	15 000.0	120.000	270.0	V	336.0	-19.1
62.689	29.32	39.10	9.78	15 000.0	120.000	100.0	V	310.0	-19.7
64.726	31.98	39.10	7.12	15 000.0	120.000	100.0	V	241.0	-20.3
74.911	23.08	39.10	16.02	15 000.0	120.000	100.0	V	266.0	-24.0
367.948	36.11	46.40	10.29	15 000.0	120.000	100.0	V	0.0	-15.0
375.029	41.80	46.40	4.60	15 000.0	120.000	180.0	H	225.0	-14.8

Measurement Uncertainty: See Appendix A

Note : • POL H = Horizontal

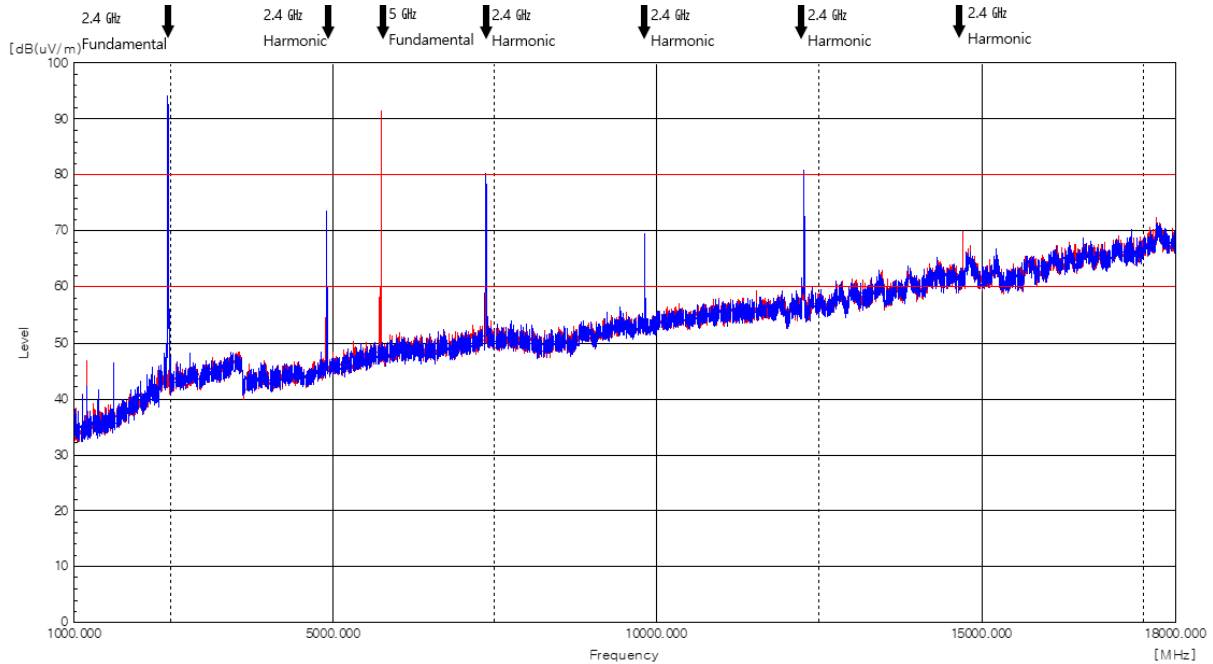
• Margin = Limit – Quasi Peak

• POL V = Vertical

• Corr. = Antenna Factor + Cable loss – Amplifier Gain

Above 1 GHz (3 m method)

① 1 GHz - 18 GHz



Freq. (MHz)	Level (dBμV)		Pol. (H/V)	A (°)	H (cm)	AF (dB)	CL (dB)	Amp. (dB)	CF (dB)	F/S (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Peak	C-AV										
1 196.92	61.80	-	H	164	100	25.38	5.64	45.50	0.00	47.32	80.00	32.68
1 196.92	-	46.80	H	164	100	25.38	5.64	45.50	0.00	32.32	60.00	27.68
1 374.00	55.70	-	V	203	100	25.05	6.24	45.41	0.00	41.58	80.00	38.42
1 374.00	-	41.60	V	203	100	25.05	6.24	45.41	0.00	27.48	60.00	32.52
1 624.75	59.70	-	V	121	100	25.90	6.78	45.39	0.00	46.99	80.00	33.01
1 624.75	-	46.60	V	121	100	25.90	6.78	45.39	0.00	33.89	60.00	26.11
2 785.00	56.10	-	V	37	100	28.91	8.51	45.30	0.00	48.22	80.00	31.78
2 785.00	-	48.10	V	37	100	28.91	8.51	45.30	0.00	40.22	60.00	19.78
17 715.25	43.00	-	H	176	100	43.93	22.94	45.07	0.00	64.80	80.00	15.20
17 715.25	-	31.00	H	176	100	43.93	22.94	45.07	0.00	52.80	60.00	7.20
17 733.66	42.00	-	V	75	100	43.97	24.07	45.09	0.00	64.95	80.00	15.05
17 733.66	-	30.00	V	75	100	43.97	24.07	45.09	0.00	52.95	60.00	7.05

Measurement Uncertainty: See the Appendix A

Note: • AF = Antenna Factor

• Pol.(H) = Horizontal

• Margin = Limit – F/S

• A: Angle

• CL = Cable Loss

• Pol.(V) = Vertical

• F/S = Level + AF + CL – Amp.

• H: Height

• F/S = Field Strength

• Amp. = Amplifier Gain

Ex) In case

Freq ; 100 MHz, level ; 30 dB(μV/m), AF ; 10 dB/m, CL ; 4 dB, Amp ; 25 dB

Result = Level + AF + CL – Amp

= 30 + 10 + 4 - 25

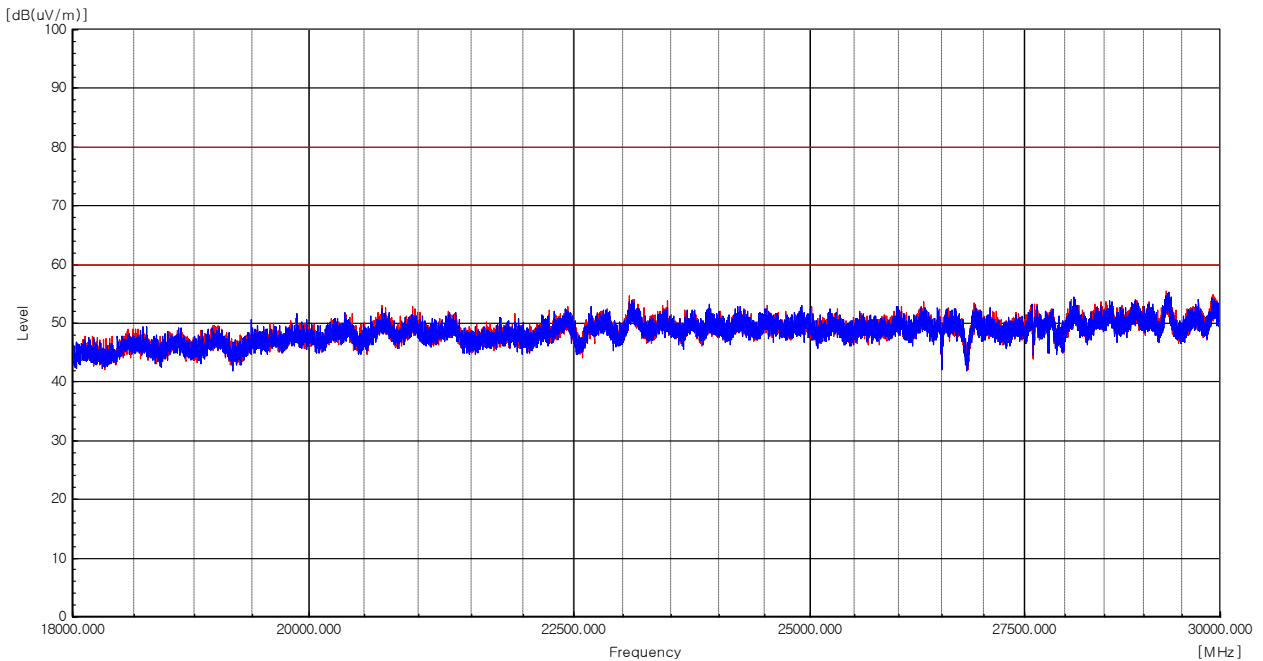
= 19

Margin = Limit – Result

= 43.5 – 19

= 24.5

② 18 GHz - 30 GHz



Freq. (MHz)	Level (dBμV)		Pol. (H/V)	A (°)	H (cm)	AF (dB)	CL (dB)	Amp. (dB)	CF (dB)	F/S (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Peak	C-AV										
18 125.16	44.60	-	H	115	100	37.90	9.14	50.39	0.00	41.25	80.00	38.75
18 125.16	-	38.30	H	115	100	37.90	9.14	50.39	0.00	34.95	60.00	25.05
20 234.29	45.50	-	V	35	100	38.00	10.31	50.21	0.00	43.60	80.00	36.40
20 234.29	-	38.00	V	35	100	38.00	10.31	50.21	0.00	36.10	60.00	23.90
22 403.60	44.90	-	H	197	100	38.90	10.39	50.30	0.00	43.89	80.00	36.11
22 403.60	-	37.60	H	197	100	38.90	10.39	50.30	0.00	36.59	60.00	23.41
24 495.70	46.50	-	V	0	100	39.39	11.37	50.38	0.00	46.88	80.00	33.12
24 495.70	-	37.50	V	0	100	39.39	11.37	50.38	0.00	37.88	60.00	22.12
26 330.90	47.30	-	V	1	100	39.56	11.64	50.24	0.00	48.26	80.00	31.74
26 330.90	-	38.40	V	1	100	39.56	11.64	50.24	0.00	39.36	60.00	20.64
29 116.60	46.60	-	H	357	100	40.28	12.63	49.91	0.00	49.60	80.00	30.40
29 116.60	-	38.60	H	357	100	40.28	12.63	49.91	0.00	41.60	60.00	18.40

Measurement Uncertainty: See the Appendix A

Note: • AF = Antenna Factor

• Pol.(H) = Horizontal

• Margin = Limit – F/S

• A: Angle

• CL = Cable Loss

• Pol.(V) = Vertical

• F/S = Level + AF + CL – Amp.

• H: Height

• F/S = Field Strength

• Amp. = Amplifier Gain

Ex) In case

Freq ; 100 MHz, level ; 30 dB(μV/m), AF ; 10 dB/m, CL ; 4 dB, Amp ; 25 dB

Result = Level + AF + CL – Amp

= 30 + 10 + 4 - 25

= 19

Margin = Limit – Result

= 43.5 – 19

= 24.5

Appendix A : Measurement Uncertainty

- Giheung Laboratory

EMCing Laboratory

Test Method		Measurement Uncertainty	
Conducted Emission		ENV216	3.7 dB (The confidential level is 95 %, k=2)
		ESH2-Z5	3.2 dB (The confidential level is 95 %, k=2)
		ESH3-Z6	3.2 dB (The confidential level is 95 %, k=2)
		NNLK8129	3.1 dB (The confidential level is 95 %, k=2)
Conducted Emission - Signal		ISN T800	5.4 dB (The confidential level is 95 %, k=2)
		ISN ST08	6.6 dB (The confidential level is 95 %, k=2)
Discontinuous		2.7 dB (The confidential level is 95 %, k=2)	
Radiated Emission	9 kHz ~30 MHz (3m chamber)	Horizontal	3.3 dB (The confidential level is 95 %, k=2)
		Vertical	3.3 dB (The confidential level is 95 %, k=2)
	30 MHz ~ 1 000 MHz (10m chamber)	Horizontal	4.3 dB (The confidential level is 95 %, k=2)
		Vertical	4.6 dB (The confidential level is 95 %, k=2)
	1 GHz ~ 18 GHz (3m chamber)	Horizontal	3.9 dB (The confidential level is 95 %, k=2)
		Vertical	4.0 dB (The confidential level is 95 %, k=2)
Radiated Immunity Test		1.3 dB (The confidential level is 95 %, k=2)	
Conducted Immunity Test		4.4 dB (The confidential level is 95 %, k=2)	
Magnetic Field		2.1 dB (The confidential level is 95 %, k=2)	
Radiated fields in close proximity Immunity	30 kHz, 134.2 kHz	1.8 dB (The confidential level is 95 %, k=2)	
		13.56 MHz	1.8 dB (The confidential level is 95 %, k=2)

- Gunpo Laboratory

Test Method		Measurement Uncertainty	
Conducted Emission		ENV216	3.4 dB (The confidential level is 95 %, k=2)
		ESH2-Z5	3.2 dB (The confidential level is 95 %, k=2)
		ESH3-Z6	3.4 dB (The confidential level is 95 %, k=2)
Conducted Emission - Signal		ISN T800	5.6 dB (The confidential level is 95 %, k=2)
		ISNT8-Cat6	5.6 dB (The confidential level is 95 %, k=2)
		ISN S751	7.3 dB (The confidential level is 95 %, k=2)
Disturbance Voltage at Antenna Terminal		2.4 dB (The confidential level is 95 %, k=2)	
Radiated Emission	9 kHz ~30 MHz (3 m chamber)	Horizontal	3.3 dB (The confidential level is 95 %, k=2)
		Vertical	3.3 dB (The confidential level is 95 %, k=2)
	30 MHz ~ 1 000 MHz (3 m chamber)	Horizontal	4.8 dB (The confidential level is 95 %, k=2)
		Vertical	5.2 dB (The confidential level is 95 %, k=2)
	1 GHz ~ 18 GHz (3 m chamber)	Horizontal	3.9 dB (The confidential level is 95 %, k=2)
		Vertical	4.0 dB (The confidential level is 95 %, k=2)
Radiated Immunity Test		1.8 dB (The confidential level is 95 %, k=2)	
Conducted Immunity Test		1.9 dB (The confidential level is 95 %, k=2)	
Magnetic Field		2.0 dB (The confidential level is 95 %, k=2)	
Radiated fields in close proximity Immunity		30 kHz, 134.2 kHz	2.3 dB (The confidential level is 95 %, k=2)
		13.56 MHz	1.7 dB (The confidential level is 95 %, k=2)

- Dongtan Laboratory

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Test Method		Measurement Uncertainty	
Conducted Emission		ENV216	3.4 dB (The confidential level is 95 %, k=2)
		ESH2-Z5	3.1 dB (The confidential level is 95 %, k=2)
		ESH3-Z6	3.1 dB (The confidential level is 95 %, k=2)
		NNLK8129	3.1 dB (The confidential level is 95 %, k=2)
Conducted Emission - Signal		ISN T800	5.4 dB (The confidential level is 95 %, k=2)
		ISN ST08	5.4 dB (The confidential level is 95 %, k=2)
		ISN S751	5.6 dB (The confidential level is 95 %, k=2)
Discontinuous		3.1 dB (The confidential level is 95 %, k=2)	
disturbance Power		3.0 dB (The confidential level is 95 %, k=2)	
Radiated Emission	9 kHz ~30 MHz (Triple Loop Ant)	2.7 dB (The confidential level is 95 %, k=2)	
	9 kHz ~30 MHz	Horizontal	3.3 dB (The confidential level is 95 %, k=2)
		Vertical	3.3 dB (The confidential level is 95 %, k=2)
	30 MHz ~ 1 000 MHz	Horizontal	4.7 dB (The confidential level is 95 %, k=2)
		Vertical	4.7 dB (The confidential level is 95 %, k=2)
	1 GHz ~ 18 GHz	Horizontal	4.0 dB (The confidential level is 95 %, k=2)
		Vertical	4.0 dB (The confidential level is 95 %, k=2)
Radiated Immunity Test		1.3 dB (The confidential level is 95 %, k=2)	
Conducted Immunity Test		1.9 dB (The confidential level is 95 %, k=2)	
Magnetic Field		2.1 dB (The confidential level is 95 %, k=2)	
Radiated fields in close proximity Immunity		30 kHz, 134.2 kHz	2.3 dB (The confidential level is 95 %, k=2)
		13.56 MHz	1.7 dB (The confidential level is 95 %, k=2)

- End of Test Report -