

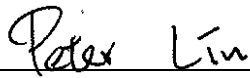
# ISED Test Report

**Equipment** : Bluetooth LE + 802.15.4 + NFC module  
**Model No.** : BL54L15μ  
**Brand Name** : Ezurio  
**Applicant** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012, USA  
**Standard** : ICES-003 Issue 7, Class B  
**Received Date** : Jan. 10, 2025  
**Tested Date** : Jan. 16 ~ Jan. 21, 2025

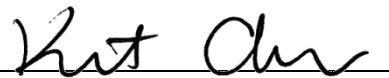
We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:



Peter Lin / Assistant Manager



Kent Chen / Manager

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## Release Record

Report No.	Version	Description	Issued Date
CI511001	Rev. 01	Initial issue	Feb. 17, 2025

## Summary of Test Results

ICES-003 Emission Tests				
Ref. Std. Clause	Test Standard	Test Items	Measured	Result
3.2.1	ICES-003 Issue 7, Class B	Conducted Emissions	Under limit 15.88dB @ 18.863MHz.	Pass
3.2.2	ICES-003 Issue 7, Class B	Radiated Emissions	Under limit 5.02dB @ 35.11MHz.	Pass

### Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

# 1 General Description

## 1.1 Information

### 1.1.1 Feature of Equipment under Test (EUT)

<b>Power Supply Type</b>	1.8Vdc from host
<b>Highest Frequency of the Internal Sources</b>	2.4GHz

### 1.1.2 Antenna Details

External Antenna list for BL54L15 $\mu$  RF trace pin module variant (453-00224R)

Manufacturer	Model	Part Number	Type	Connector	2400-2500 (MHz)	2400-2480 (MHz)
Ezurio	NanoBlue	EBL2400A1-10 MH4L	PCB Dipole	IPEX MHF4	2 dBi	-
Ezurio	FlexPIFA	001-0022	FlexPIFA	IPEX MHF4L	-	2 dBi
Mag.Layers	EDA-8709-2G4C 1-B27-CY	0600-00057	Dipole	IPEX MHF4	2.32 dBi	-
Ezurio	mFlexPIFA	EFA2400A3S-10 MH4L	PIFA	IPEX MHF4L	-	2 dBi
Ezurio	i-FlexPIFATM Mini Series	EFG2401A3S-1 0MH4L	i-FlexPIFA	IPEX MHF4L	-	2 dBi
Ezurio	Ezurio NFC	0600-00061	Coiled Inductor	FFC/FPC Connector	-	-

Integrated Antenna BL54L15 $\mu$  Chip antenna module variant (453-00223R)

Manufacturer	Model	Part Number	Type	Connector	2400-2500 (MHz)
Yaego (Pulse)	NC	ANT1608LL14R 2400A	Chip Antenna	N/A	2.0 dBi
Ezurio	Ezurio NFC	0600-00061	Coiled Inductor	FFC/FPC Connector	-

### 1.1.3 Accessories

N/A

## 1.2 Test Equipment and Calibration Data

<b>Test Item</b>	Conducted Emission				
<b>Test Site</b>	Conduction room 1 / (CO01-WS)				
<b>Tested Date</b>	Jan. 16, 2025				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
LISN	R&S	ENV216	101579	May 09, 2024	May 08, 2025
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 09, 2024	Oct. 08, 2025
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127666	Mar. 05, 2024	Mar. 04, 2025
50 ohm terminal (Support Unit)	NA	50	01	Jun. 19, 2024	Jun. 18, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11.8	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission below 1GHz				
<b>Test Site</b>	966 chamber 2 / (03CH02-WS)				
<b>Test Date</b>	Jan, 20, 2025				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Receiver	Agilent	N9038A	MY53290044	Sep. 16, 2024	Sep. 15, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-562	May 17, 2024	May 16, 2025
Preamplifier	EMC	EMC02325	980194	Sep. 13, 2024	Sep. 12, 2025
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160501	Oct. 01, 2024	Sep. 30, 2025
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-003	Oct. 01, 2024	Sep. 30, 2025
LF cable 10M	EMC	CFD400-E	CFD400-001	Oct. 01, 2024	Sep. 30, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11.8	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission above 1GHz				
<b>Test Site</b>	966 chamber 2 / (03CH02-WS)				
<b>Test Date</b>	Jan, 21, 2025				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101063	Dec. 13, 2024	Dec. 12, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1095	Aug. 28, 2024	Aug. 27, 2025
Preamplifier	Agilent	83017A	MY39501309	Aug. 29, 2024	Aug. 28, 2025
RF Cable	EMC	EMC105-SM-SM-8000	180512	Oct. 01, 2024	Sep. 30, 2025
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16018/4	Oct. 01, 2024	Sep. 30, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11.8	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

### 1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

ICES-003 Issue 7, Class B

ANSI C63.4-2014 amended as per ANSI C63.4a-2017

### 1.4 Deviation from Test Standard and Measurement Procedure

None

### 1.5 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

Measurement Uncertainty		
Test Item	Frequency	Uncertainty
Conducted Emissions	150kHz ~ 30MHz	$\pm 2.92$ dB
Radiated Emissions	30MHz ~ 1GHz	$\pm 4.32$ dB
	Above 1GHz	$\pm 4.9$ dB

Note: The results of measurements of emissions shall reference the measurement uncertainty considerations contained in CISPR 16-4-2.

## 2 Test Configuration

### 2.1 Testing Facility

<b>Test Laboratory</b>	International Certification Corporation
<b>Test Site</b>	CO01-WS, 03CH02-WS
<b>Address of Test Site</b>	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

### 2.2 The Worst Case Measurement Configuration

Radiation Pretest Mode	
Pretest Mode	Operating Description
1	EUT(ST Type): X-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V
2	EUT(ST Type): Y-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V
3	EUT(ST Type): Z-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V
4	EUT(ST Type): Y-axis + Ant.: 001-0022, BT link, NFC passive, DC 1.8V
5	EUT(SC Type): Y-axis + Ant.: EFA2400A3S-10MH4L, BT link, NFC passive, DC 1.8V
6	EUT(SC Type): Y-axis + Ant.: EFG2401A3S-10MH4L, BT link, NFC passive, DC 1.8V
7	EUT(SC Type): Y-axis + Ant.: EBL2400A1-10MH4L, BT link, NFC passive, DC 1.8V
8	EUT(SC Type): Y-axis + Ant.: 0600-00057, .802.15.4 link, NFC passive, DC 1.8V
9	EUT(SA Type): Y-axis + Ant.: NN02-101, BT link, NFC passive, DC 1.8V
For <b>Pretest Mode 1</b> is the worst case and only its data was record in this test report.	

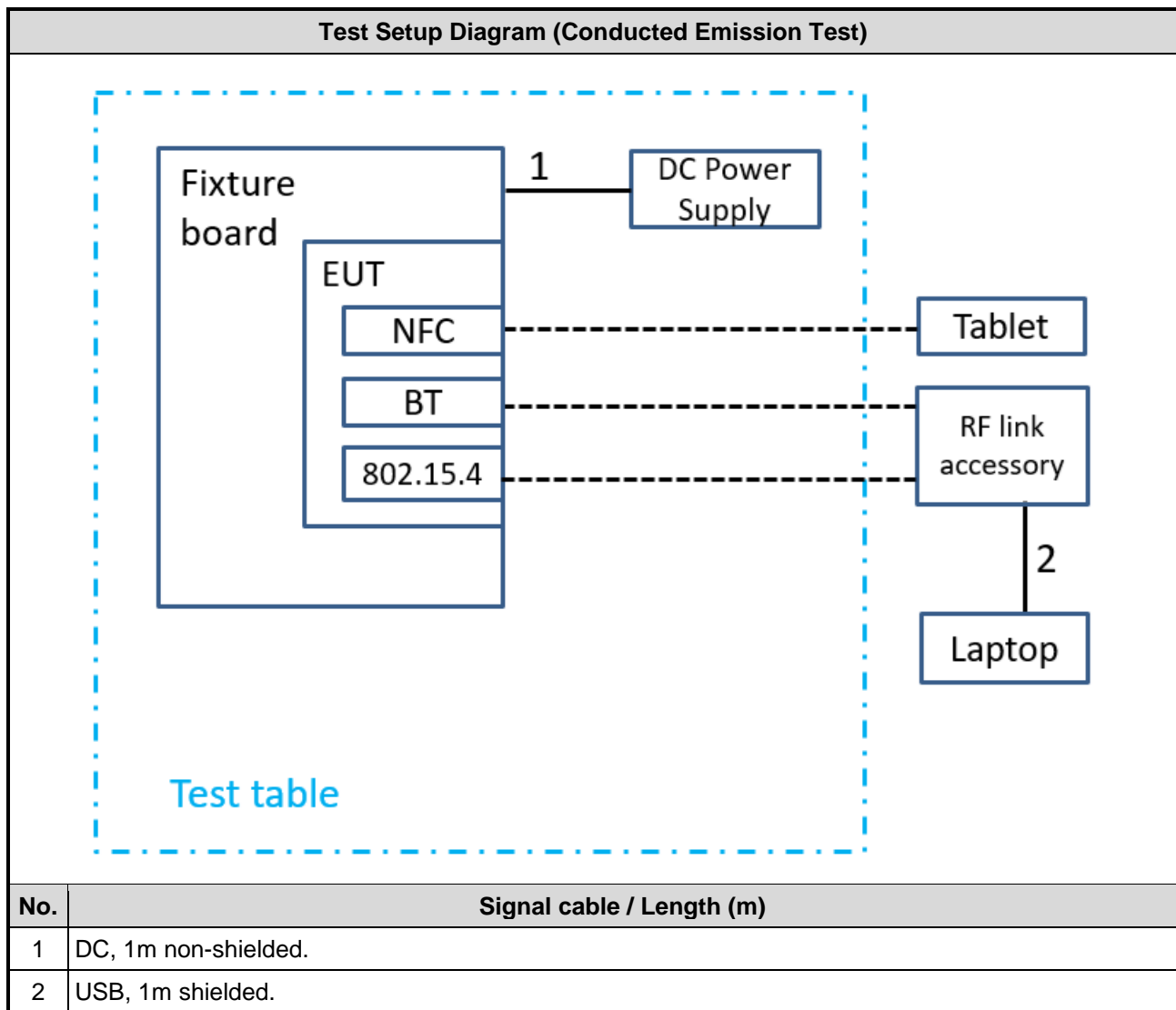
The Determined Worst Case Configurations	
Conducted Emissions	
Test Mode	Operating Description
1	EUT(ST Type): X-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V with power supply 120V/60Hz
Radiated Emissions	
Test Mode ≤ 1GHz	Operating Description
1	EUT(ST Type): Y-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V
Test Mode > 1GHz	Operating Description
1	EUT(ST Type): Y-axis + Ant.: 0600-00057, BT link, NFC passive, DC 1.8V

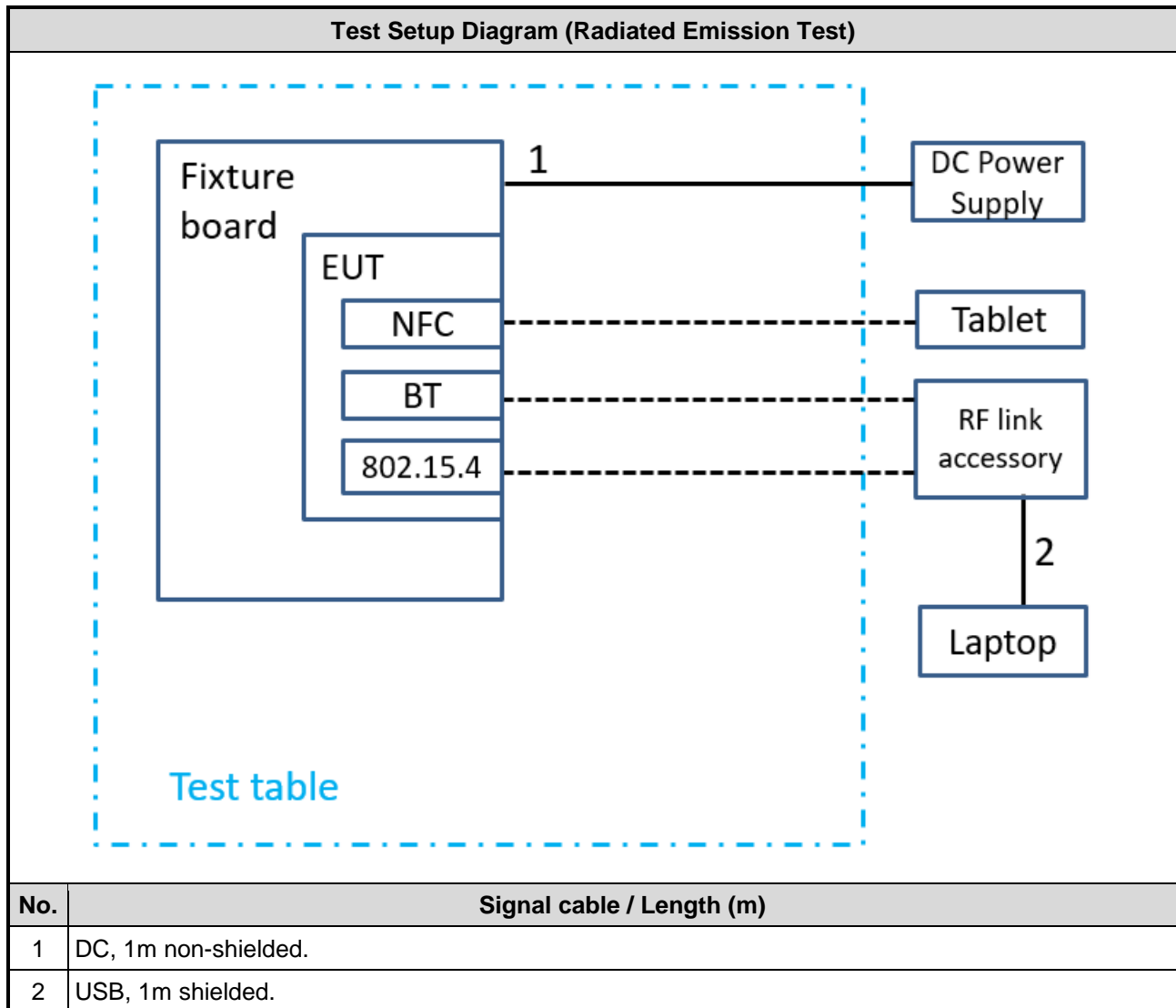


## 2.3 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	S/N	Remarks
1	Laptop	DELL	Latitude E6440	2PXMD12	---
2	Tablet	SONY	SGP511TW/B	CB5126VXTX	---
3	Fixture board	---	---	---	Provided by applicant.
4	RF link accessory	Ezurio	BL54L15	---	Provided by applicant.
5	DC Power Supply	Twintex	PPM-3010	PC210501076	---

## 2.4 Test Setup Chart





## 2.5 Test Software and Operating Condition

- The support laptop executed putty command to enable 802.15.4 link to RF link accessory.
- The support laptop executed putty command to enable BT link to RF link accessory.
- The support laptop executed putty command to enable NFC Rx, link with tablet.

### 3 Emission Tests Results

#### 3.1 Conducted Emissions

##### 3.1.1 Limit of Conducted Emissions

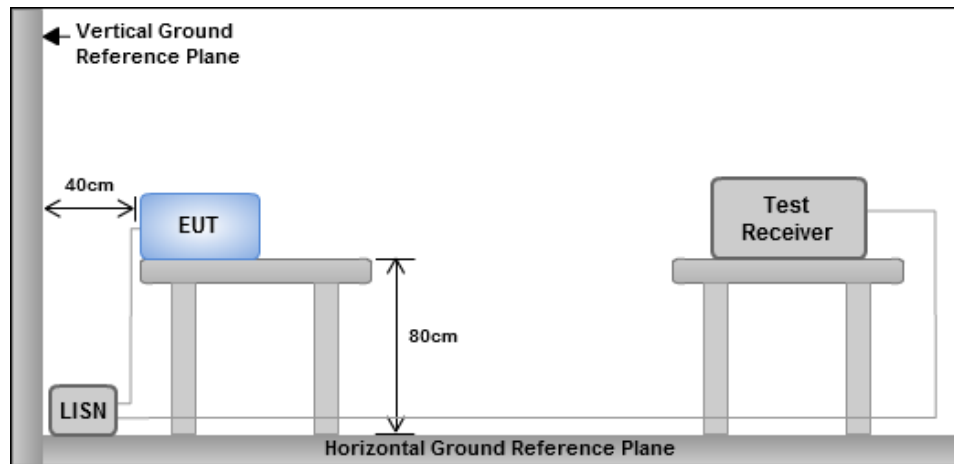
Frequency Range (MHz)	Class A Quasi-Peak (dBuV)	Class A Average (dBuV)	Class B Quasi-Peak (dBuV)	Class B Average (dBuV)
0.15 – 0.5	79	66	66 to 56 <sup>i</sup>	56 to 46 <sup>i</sup>
0.5 – 5	73	60	56	46
5 – 30	73	60	60	50

Note: The more stringent limit applies at transition frequencies.  
i. The limit level in dBuV decreases linearly with the logarithm of frequency.

##### 3.1.2 Test Procedures

- The EUT was placed on a table with a height of 0.8 meters from the metal ground plane and 0.4 meters from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
- The test equipment EUT installed received DC power through a Line Impedance Stabilization Network (LISN), which supplied power source and was grounded to the ground plane.
- All the support units were connected to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The CISPR states that a 50 ohm, 50 microhenry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The measurement frequency range extends from 150 kHz to 30 MHz.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

### 3.1.3 Test Setup



- Note: 1. Support units were connected to second LISN.  
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

### 3.1.4 Measurement Formula and Calculation

Level (dBuV) = Raw (Read level) + LISN (LISN factor) + CL (Cable loss) + AT (Attenuator)  
Margin (dB) = Level (dBuV) – Limit (dBuV)

### 3.1.5 Test Results

Refer to Appendix A.

## 3.2 Radiated Emissions

### 3.2.1 Limit of Radiated Emissions

Radiated emissions limits (30 MHz to 1 GHz) at 3 m distance

Frequency range (MHz)	Class A Quasi-peak (dBuV/m)	Class B Quasi-peak (dBuV/m)
30 – 88	50.0	40.0
88 – 216	54.0	43.5
216 – 230	56.9	46.0
230 – 960	57.0	47.0
960 – 1000	60.0	54.0
Note: The more stringent limit applies at transition frequencies.		

Required emission limits at 3 m distance (at and above 1 GHz)

Frequency range (GHz) <sup>i</sup>	Class A Average dB(μV/m)	Class A Peak dB(μV/m)	Class B Average dB(μV/m)	Class B Peak dB(μV/m)
1 – F <sub>M</sub>	60	80	54	74
i. The highest measurement frequency, F <sub>M</sub> in GHz, shall be determined as per table above.				

Required highest measurement frequency for radiated emissions:

Highest internal frequency (F <sub>x</sub> ) <sup>i</sup>	Highest measurement frequency (F <sub>M</sub> )
F <sub>x</sub> ≤ 108 MHz	1 GHz
108 MHz < F <sub>x</sub> ≤ 500 MHz	2 GHz
500 MHz < F <sub>x</sub> ≤ 1 GHz	5 GHz
F <sub>x</sub> > 1 GHz	5 x F <sub>x</sub> up to maximum of 40GHz
i. F <sub>x</sub> is the highest fundamental frequency generated and/or used in the ITE or digital apparatus under test.	

### 3.2.2 Test Procedures

#### Measuring below 1 GHz:

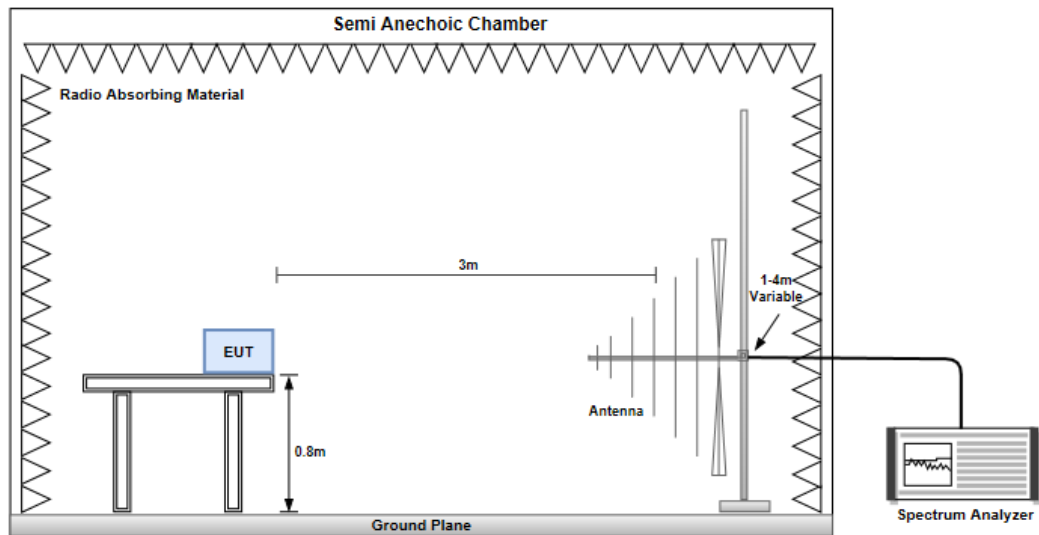
- a. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
- b. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
- c. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

#### Measuring above 1 GHz:

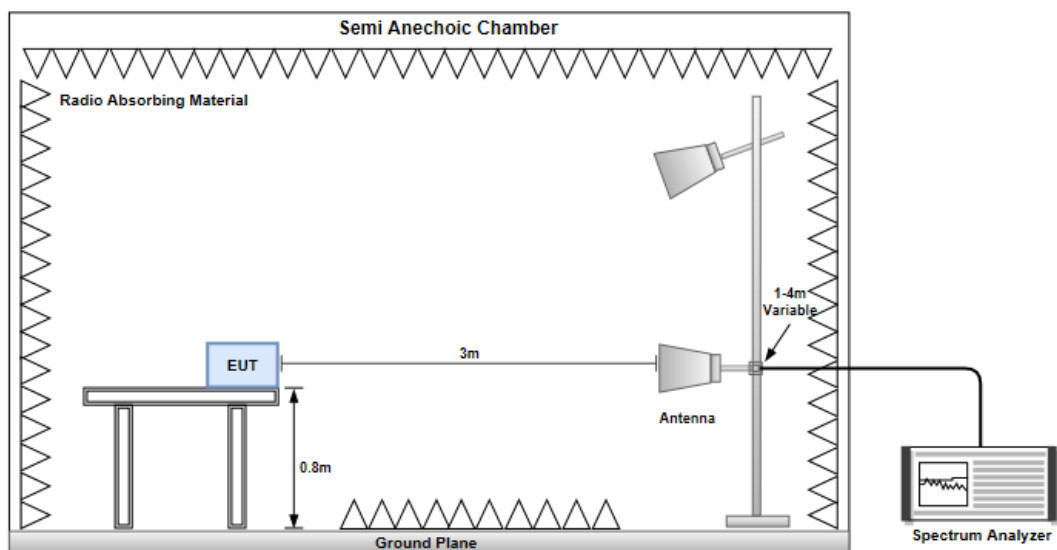
- a. Same test set up as below 1GHz radiated testing.
- b. The EUT was set 3 meters from the interference-receiving antenna which was mounted on the top of a variable height antenna tower.
- c. There should be absorber placed between the EUT and Antenna and its located size should let the test site meet CISPR16-1-4 requirement.
- d. The table was rotated 360 degrees to determine the position of the highest radiation.
- e. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- f. Set the Horn Antenna at 1m height, then run the turn table to get the maximum noise reading from Horizontal and Vertical polarity separately.
- g. When EUT locating on the turn-table, the Horn Antenna must be raised up and descended down, then turning around the turn-table to get the maximum noise reading of the Horizontal and Vertical polarity separately. Note the maximum raise up height is same as the top of EUT.
- h. If 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.

### 3.2.3 Test Setup

#### Radiated Emissions below 1 GHz



#### Radiated Emissions above 1 GHz



### **3.2.4 Measurement Formula and Calculation**

Level (dBuV/m) = Raw (Read level) + AF (Antenna factor) + CL (Cable loss) – PA (Preamplifier factor)

Margin (dB) = Level (dBuV/m) – Limit (dBuV/m)

### **3.2.5 Test Results (Below 1GHz)**

Refer to Appendix B.

### **3.2.6 Test Results (Above 1GHz)**

Refer to Appendix C.



## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC\_Service@icertifi.com.tw

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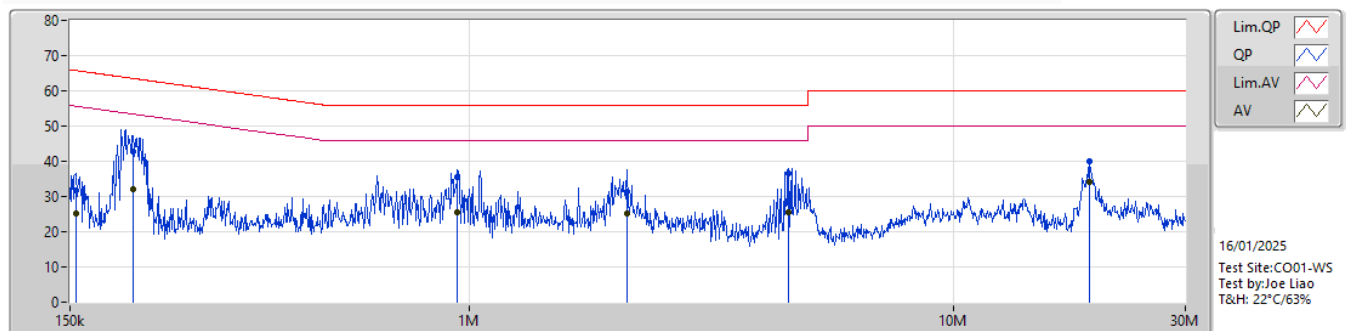


**Summary**

Mode	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 1	AV	19.091M	35.06	50.00	-14.94	10.37	Neutral



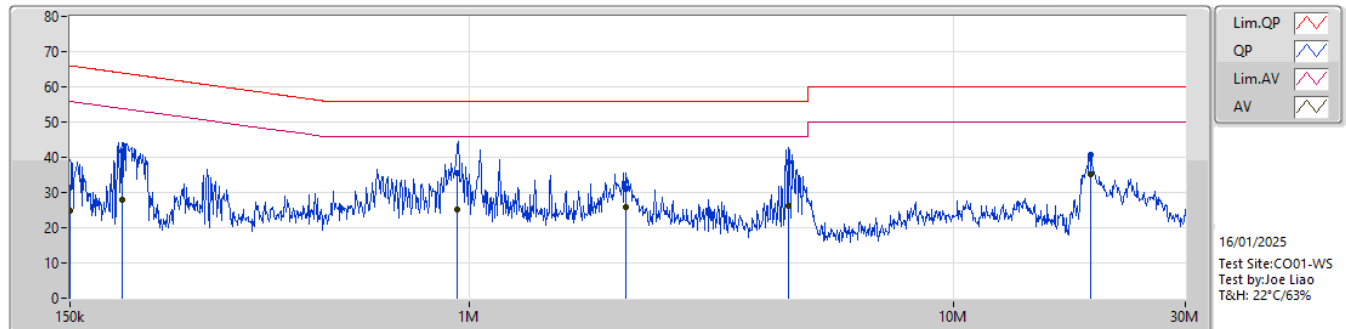
## Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.251k	31.66	65.77	-34.11	9.73	Line	-	21.93	9.65	0.08	-						
AV	154.251k	25.13	55.77	-30.64	9.73	Line	-	15.40	9.65	0.08	-						
QP	202.358k	42.71	63.51	-20.80	9.73	Line	-	32.98	9.65	0.08	-						
AV	202.358k	32.04	53.51	-21.47	9.73	Line	-	22.31	9.65	0.08	-						
QP	944.785k	35.66	56.00	-20.34	9.75	Line	-	25.91	9.65	0.10	-						
AV	944.785k	25.37	46.00	-20.63	9.75	Line	-	15.62	9.65	0.10	-						
QP	2.116M	31.39	56.00	-24.61	9.83	Line	-	21.56	9.66	0.17	-						
AV	2.116M	25.18	46.00	-20.82	9.83	Line	-	15.35	9.66	0.17	-						
QP	4.554M	36.40	56.00	-19.60	9.91	Line	"Worst"	26.49	9.68	0.23	-						
AV	4.554M	25.66	46.00	-20.34	9.91	Line	-	15.75	9.68	0.23	-						
QP	19.014M	40.10	60.00	-19.90	10.23	Line	-	29.87	9.68	0.55	-						
AV	19.014M	34.07	50.00	-15.93	10.23	Line	"Worst"	23.84	9.68	0.55	-						



## Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT						
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)						
QP	150k	31.40	66.00	-34.60	9.74	Neutral	-	21.66	9.66	0.08	-						
AV	150k	24.86	56.00	-31.14	9.74	Neutral	-	15.12	9.66	0.08	-						
QP	192.124k	41.71	63.93	-22.22	9.73	Neutral	-	31.98	9.65	0.08	-						
AV	192.124k	27.79	53.93	-26.14	9.73	Neutral	-	18.06	9.65	0.08	-						
QP	944.785k	35.45	56.00	-20.55	9.75	Neutral	-	25.70	9.65	0.10	-						
AV	944.785k	25.12	46.00	-20.88	9.75	Neutral	-	15.37	9.65	0.10	-						
QP	2.108M	30.94	56.00	-25.06	9.83	Neutral	-	21.11	9.66	0.17	-						
AV	2.108M	25.79	46.00	-20.21	9.83	Neutral	-	15.96	9.66	0.17	-						
QP	4.554M	38.76	56.00	-17.24	9.92	Neutral	"Worst"	28.84	9.69	0.23	-						
AV	4.554M	26.22	46.00	-19.78	9.92	Neutral	-	16.30	9.69	0.23	-						
QP	19.091M	40.82	60.00	-19.18	10.37	Neutral	-	30.45	9.82	0.55	-						
AV	19.091M	35.06	50.00	-14.94	10.37	Neutral	"Worst"	24.69	9.82	0.55	-						

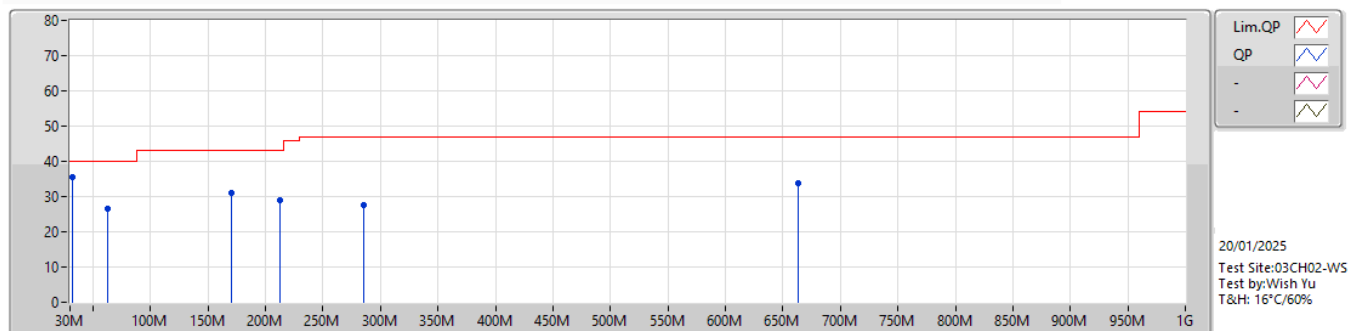


**Summary**

Mode	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Condition	Azimuth (°)	Height (m)
Mode 1	PK	32.56M	35.55	40.00	-4.45	-10.22	Vertical	-	-



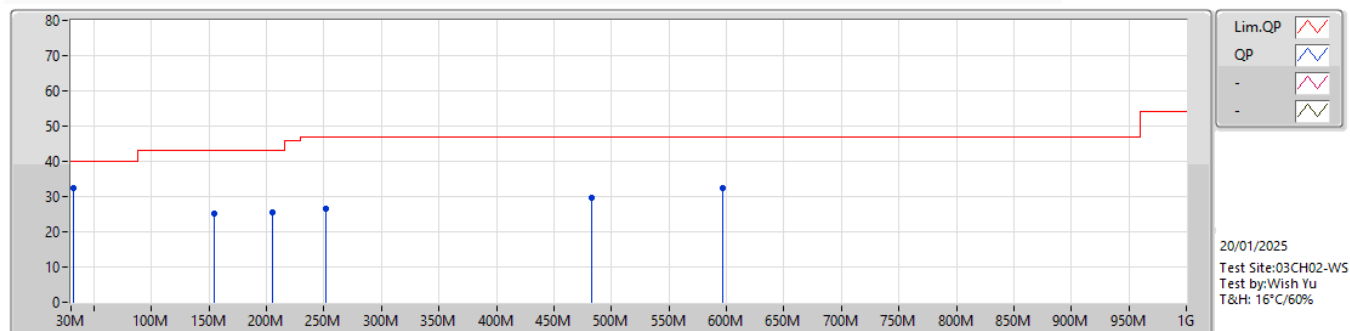
Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	32.56M	35.55	40.00	-4.45	-10.22	3	Vertical	-	-	"Worst"	45.77	17.24	0.73	28.19		
PK	62.63M	26.45	40.00	-13.55	-9.26	3	Vertical	-	-	-	35.71	17.84	1.15	28.25		
PK	170.05M	31.18	43.00	-11.82	-9.04	3	Vertical	-	-	-	40.22	17.31	2.11	28.46		
PK	212.3M	29.13	43.00	-13.87	-10.20	3	Vertical	-	-	-	39.33	15.78	2.49	28.47		
PK	285.91M	27.71	47.00	-19.29	-7.06	3	Vertical	-	-	-	34.77	18.22	3.14	28.42		
PK	663.06M	33.88	47.00	-13.12	2.29	3	Vertical	-	-	-	31.59	25.56	4.59	27.86		



Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	32.56M	32.53	40.00	-7.47	-10.22	3	Horizontal	-	-	"Worst"	42.75	17.24	0.73	28.19		
PK	154.86M	25.13	43.00	-17.87	-8.17	3	Horizontal	-	-	-	33.30	18.29	1.99	28.45		
PK	204.89M	25.67	43.00	-17.33	-10.77	3	Horizontal	-	-	-	36.44	15.30	2.41	28.48		
PK	251.76M	26.61	47.00	-20.39	-6.81	3	Horizontal	-	-	-	33.42	18.75	2.88	28.44		
PK	482.86M	29.59	47.00	-17.41	-1.93	3	Horizontal	-	-	-	31.52	22.46	3.76	28.15		
PK	596.87M	32.30	47.00	-14.70	0.98	3	Horizontal	-	-	-	31.32	24.64	4.31	27.97		

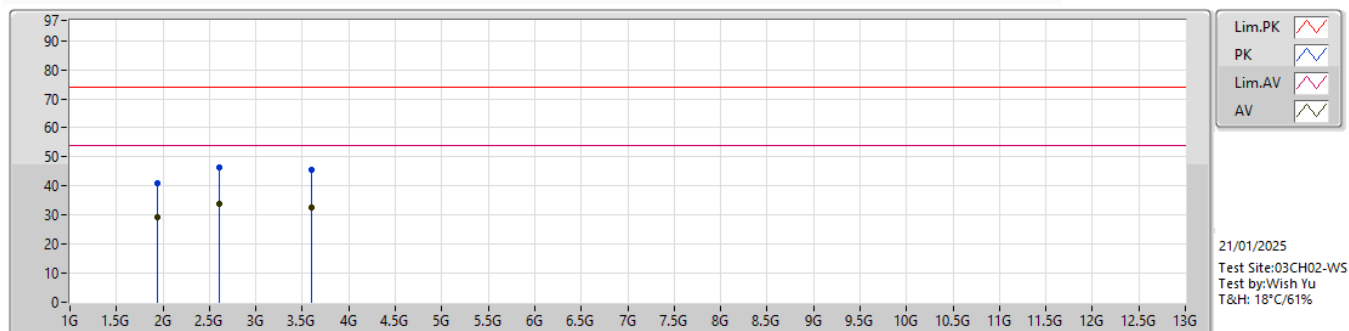


**Summary**

Mode	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Condition	Azimuth (°)	Height (m)
Mode 1	AV	2.6G	33.83	54.00	-20.17	-1.39	Vertical	245	1.00



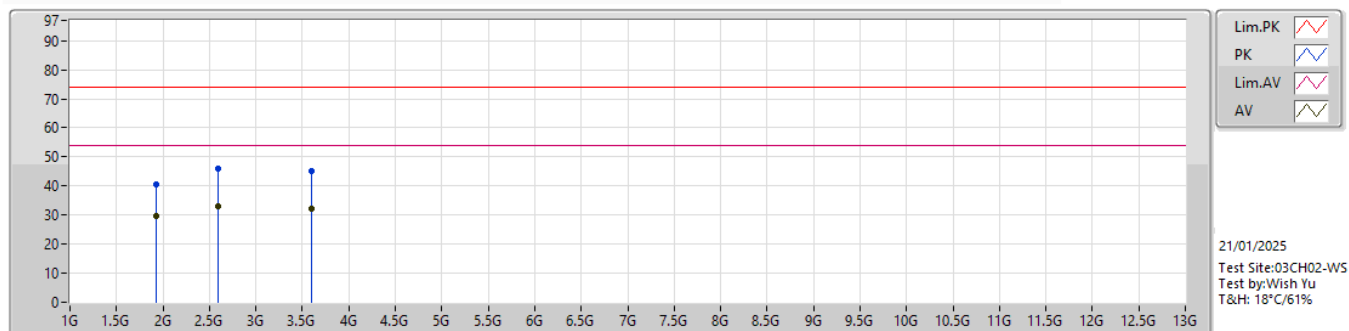
## Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	1.935G	40.77	74.00	-33.23	-4.04	3	Vertical	65	1.00	-	44.81	25.95	4.14	34.13		
AV	1.935G	29.13	54.00	-24.87	-4.04	3	Vertical	65	1.00	-	33.17	25.95	4.14	34.13		
PK	2.6G	46.27	74.00	-27.73	-1.39	3	Vertical	245	1.00	"Worst"	47.66	27.50	4.97	33.86		
AV	2.6G	33.83	54.00	-20.17	-1.39	3	Vertical	245	1.00	"Worst"	35.22	27.50	4.97	33.86		
PK	3.595G	45.76	74.00	-28.24	1.85	3	Vertical	80	1.00	-	43.91	29.18	5.92	33.25		
AV	3.595G	32.52	54.00	-21.48	1.85	3	Vertical	80	1.00	-	30.67	29.18	5.92	33.25		

Note: The emission levels of the other frequencies were significantly within the prescribed regulatory limits.

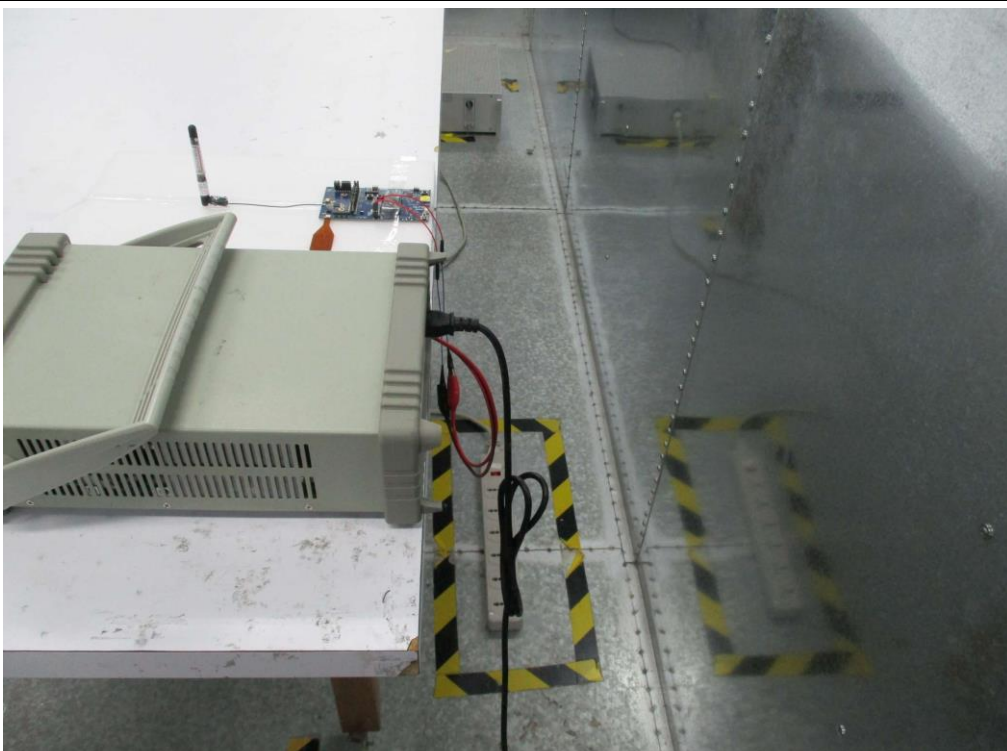
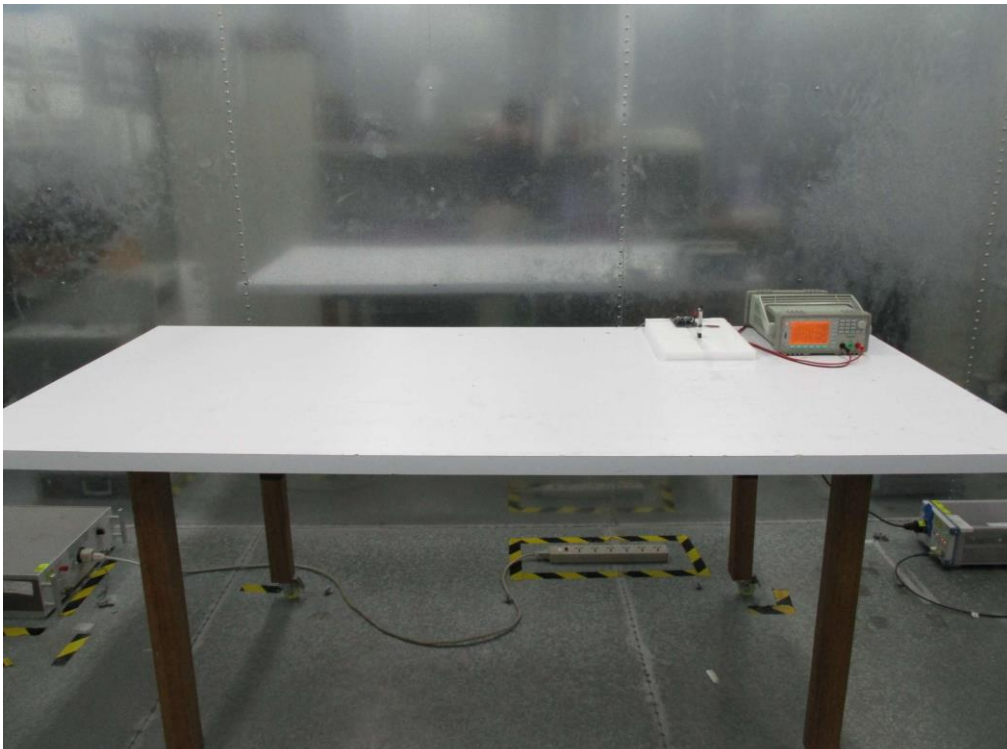
## Mode 1



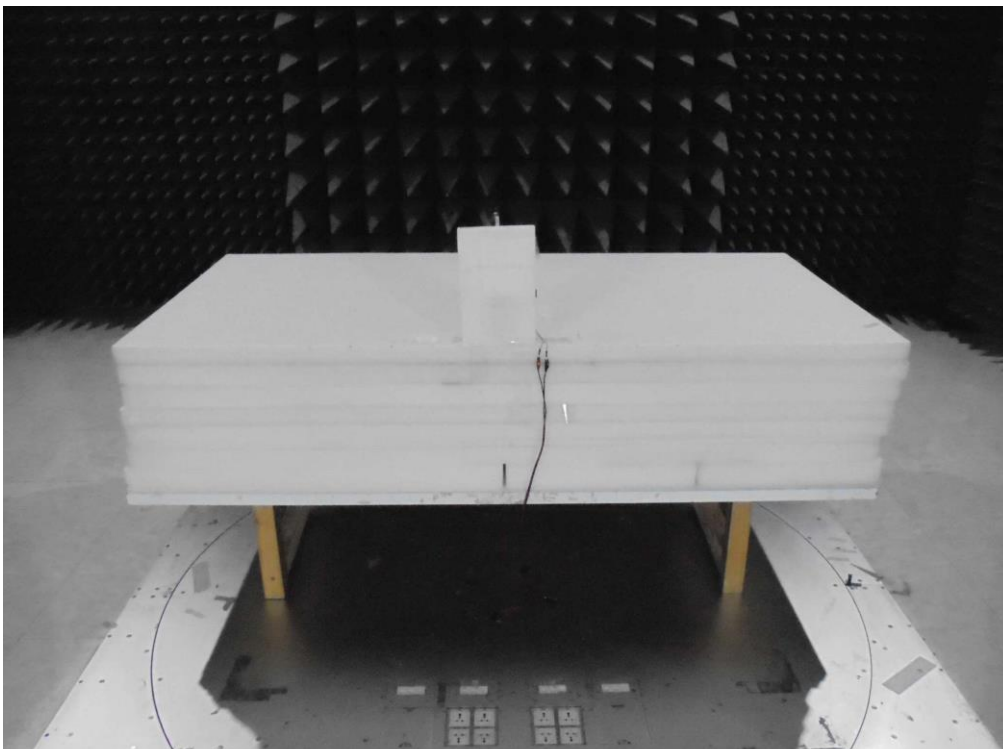
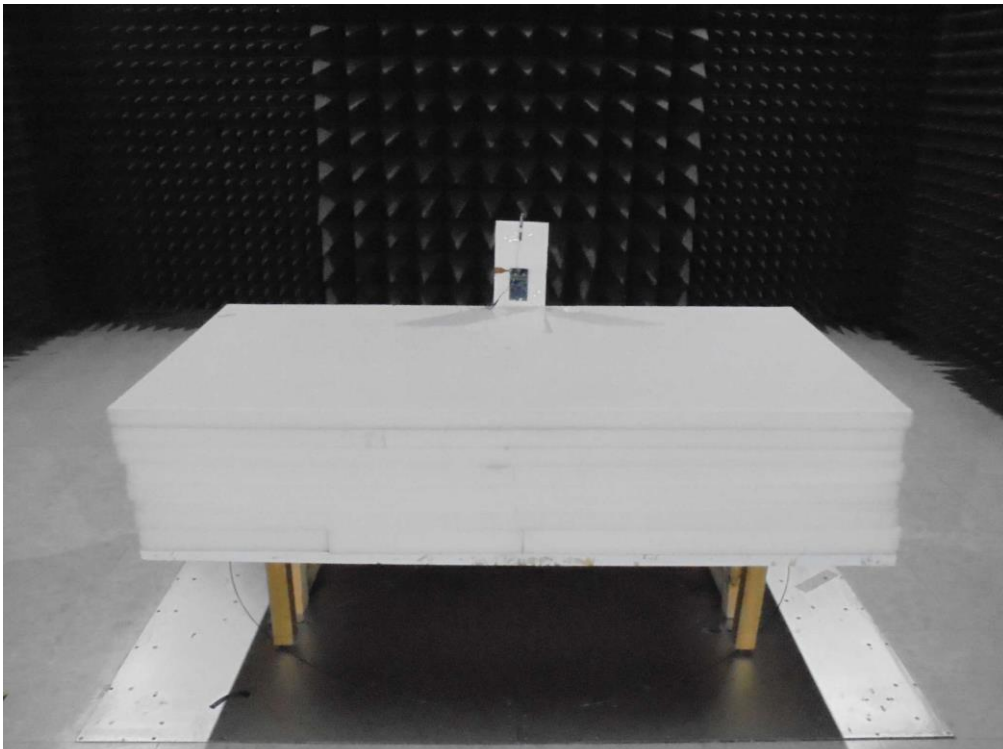
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	1.925G	40.37	74.00	-33.63	-4.21	3	Horizontal	35	1.00	-	44.58	25.80	4.14	34.15		
AV	1.925G	29.55	54.00	-24.45	-4.21	3	Horizontal	35	1.00	-	33.76	25.80	4.14	34.15		
PK	2.599G	45.82	74.00	-28.18	-1.39	3	Horizontal	235	1.00	"Worst"	47.21	27.50	4.97	33.86		
AV	2.599G	33.13	54.00	-20.87	-1.39	3	Horizontal	235	1.00	"Worst"	34.52	27.50	4.97	33.86		
PK	3.595G	45.24	74.00	-28.76	1.85	3	Horizontal	170	1.00	-	43.39	29.18	5.92	33.25		
AV	3.595G	32.07	54.00	-21.93	1.85	3	Horizontal	170	1.00	-	30.22	29.18	5.92	33.25		

Note: The emission levels of the other frequencies were significantly within the prescribed regulatory limits.

Conducted Emissions Test



Radiated Emission Below 1GHz Test



Radiated Emission Above 1GHz Test

