



Report No.: FC482804-01

# **FCC EMI TEST REPORT**

FCC ID : GKRRMLN2X
Equipment : LGA Module
Brand Name : COMPAL
Model Name : RML-N2x

Model Name : RML-N2x
Marketing Name : RML-N2x

Applicant : Compal Electronics, Inc.

No.581 & 581-1, Ruiguang Rd., Neihu District,

Taipei, (114) Taiwan

Manufacturer : Compal Electronics, Inc.

No.581 & 581-1, Ruiguang Rd., Neihu District,

Taipei, (114) Taiwan

Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Aug. 29, 2024 and testing was performed from Sep. 11, 2024 to Sep. 20, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

TEL: 886-3-327-3456 Page Number : 1 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

## **Table of Contents**

Report No. : FC482804-01

story o	of this test report	3
mmar	ry of Test Result	4
Gene	eral Description	5
1.1. 1.2. 1.3. 1.4.	Modification of EUT Test LocationApplicable Standards	5 6
Test	Configuration of Equipment Under Test	7
<ul><li>2.1.</li><li>2.2.</li><li>2.3.</li><li>2.4.</li></ul>	Connection Diagram of Test System Support Unit used in test configuration and system	
Test	Result	9
3.1. 3.2.		
List	of Measuring Equipment	14
Meas	surement Uncertainty	15
pendi	ix B. Radiated Emission Test Result	
	mmai Gen 1.1. 1.2. 1.3. 1.4. Test 2.1. 2.2. 2.3. 2.4. Test 3.1. 3.2. List Mea pend	mmary of Test Result

TEL: 886-3-327-3456 : 2 of 15 Page Number FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024 Report Version : 02

Report Template No.: BU5-FD15B Version 2.6

# History of this test report

Report No. : FC482804-01

Report No.	Version	Description	Issue Date
FC482804-01	01	Initial issue of report	Oct. 24, 2024
FC482804-01	02	Revise Appendix C  This report is an updated version, replacing the report issued on Oct. 24, 2024.	Oct. 29, 2024

TEL: 886-3-327-3456 : 3 of 15 Page Number FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024 : 02

## **Summary of Test Result**

Report No.: FC482804-01

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	18.14 dB under the limit at 0.40 MHz
3.2	15.109	Radiated Emission	Pass	11.40 dB under the limit at 953.1 MHz

#### **Conformity Assessment Condition:**

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the
  regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who
  shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken
  into account.
- 2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

#### Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng Report Producer: Emma Hsiao

TEL: 886-3-327-3456 Page Number : 4 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

## 1. General Description

## 1.1. Product Feature of Equipment Under Test

#### **Product Feature**

Report No.: FC482804-01

#### **General Specs**

LTE/5G NR and GNSS.

#### **Antenna Type**

WWAN: Monopole Antenna

GPS / Glonass / BDS / Galileo: Monopole Antenna

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

#### 1.2. Modification of EUT

No modifications made to the EUT during the testing.

TEL: 886-3-327-3456 Page Number : 5 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

### 1.3. Test Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory			
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978			
Test Site No.	Sporton Site No. CO05-HY			

Report No.: FC482804-01

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
rest site No.	03CH10-HY (TAF Code: 3786)
Remark	The Radiated Emission test item subcontracted to Sporton International Inc. Wensan Laboratory

FCC designation No.: TW1093 and TW1132

## 1.4. Applicable Standards

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

- FCC 47 CFR FCC Part 15 Subpart B Class B
- + ANSI C63.4-2014
- + ANSI C63.4a-2017

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

TEL: 886-3-327-3456 Page Number : 6 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

## 2. Test Configuration of Equipment Under Test

#### 2.1. Test Mode

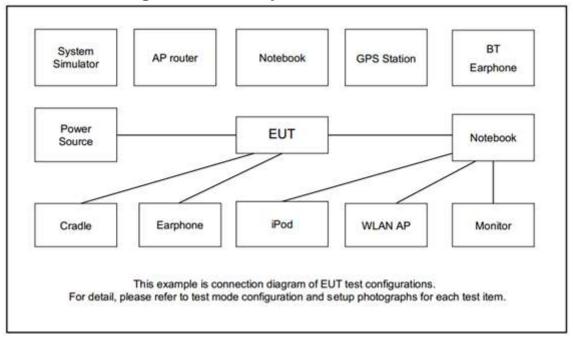
The EUT is tested along with the peripherals, operating under possible configurations in compliant with normal operation. The maximum emissions can be identified by a pre-scan carried out in different orientations of placement pursuant to ANSI C63.4-2014. Frequency range covered: Conduction Emission (150 kHz to 30 MHz), Radiation Emission (30 MHz to the 5<sup>th</sup> harmonics of the highest fundamental frequency or to 40 GHz, whichever is lower).

Report No.: FC482804-01

Test Items	Functions Enabled
AC Conducted Emission	Mode 1: 5G NR n71 Idle + GPS Rx + USB Cable (Charging form Adapter)
Radiated Emissions	Mode 1: 5G NR n71 Idle + GPS Rx + DC Power

**Remark:** For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (5G NR n71); only the worst case for cellular band test data of this mode was reported.

### 2.2. Connection Diagram of Test System



TEL: 886-3-327-3456 Page Number : 7 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

2.3. Support Unit used in test configuration and system

Item	Equipment	<b>Brand Name</b>	Model Name	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
3.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded,1.8m
4.	Adapter	Frecom	F24L15-120200SPAU	N/A	N/A	N/A
5.	Fixture	Compal	ZLN1	N/A	N/A	N/A
6.	Power Supply	GWINSTEK	GPE-2323	N/A	N/A	Unshielded,1.8m

Report No.: FC482804-01

## 2.4. EUT Operation Test Setup

The EUT is in 5G NR idle mode during the test. The EUT is synchronized with the BCCH, and has been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the following programs installed in the EUT are programmed during the test:

1. Execute "GPS Test" to turn on GPS, make the EUT search continuous signals from GPS station.

TEL: 886-3-327-3456 Page Number : 8 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

#### 3. Test Result

#### 3.1. Test of AC Conducted Emission Measurement

#### 3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Report No.: FC482804-01

#### <Class B>

Frequency of emission	Conducted	limit (dBuV)
(MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

<sup>\*</sup>Decreases with the logarithm of the frequency.

#### 3.1.2. Measuring Instruments

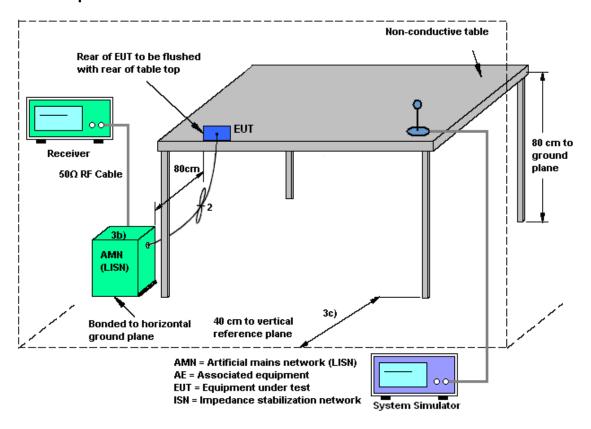
Please refer to the measuring equipment list in this test report.

#### 3.1.3. Test Procedure

- 1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
- 6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
- 7. The frequency range from 150 kHz to 30 MHz is scanned.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (If Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

TEL: 886-3-327-3456 Page Number : 9 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

### 3.1.4. Test Setup



Report No.: FC482804-01

#### 3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.

TEL: 886-3-327-3456 Page Number : 10 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024 : 02

#### 3.2. Test of Radiated Emission Measurement

#### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Report No.: FC482804-01

#### <Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)	
30 – 88	100	3	
88 – 216	150	3	
216 - 960	200	3	
Above 960	500	3	

#### 3.2.2. Measuring Instruments

Please refer to the measuring equipment list in this test report.

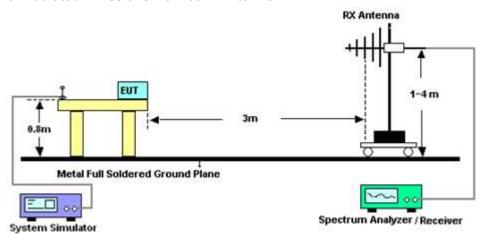
#### 3.2.3. Test Procedures

- 1. The EUT is placed on a turntable with 0.8 meter above ground.
- 2. The EUT is set 3 meters(30 M~18 G) and 1 meters (18 G~40 G) from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
- 3. The table is rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
- 7. If the emission level of the EUT in peak mode is 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.

TEL: 886-3-327-3456 Page Number : 11 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

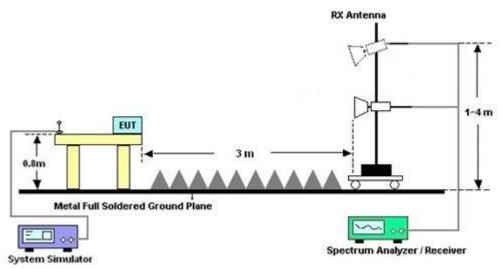
### 3.2.4. Test Setup of Radiated Emission

#### For Radiated Emissions from 30 MHz to 1 GHz



Report No.: FC482804-01

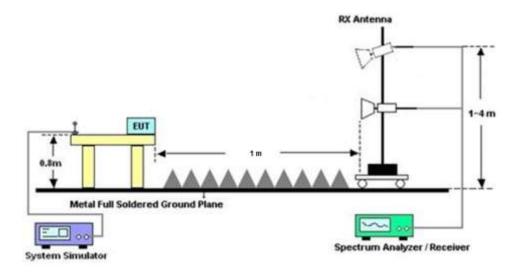
#### For Radiated Emissions from 1GHz to 18GHz



TEL: 886-3-327-3456 Page Number : 12 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024



#### For Radiated Emissions above 18GHz



#### 3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.

TEL: 886-3-327-3456 Page Number : 13 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

# 4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 20, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	Sep. 20, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Sep. 20, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	Sep. 20, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Sep. 20, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 30, 2024	Sep. 20, 2024	Jul. 29, 2025	Conduction (CO05-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Sep. 20, 2024	Mar. 13, 2025	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 16, 2023	Sep. 11, 2024	Oct. 15, 2024	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL6111D& 00802N1D01N- 06	55608 & 09	30MHz~1GHz	Oct. 20, 2023	Sep. 11, 2024	Oct. 19, 2024	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1325	1GHz~18GHz	Oct. 18, 2023	Sep. 11, 2024	Oct. 17, 2024	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800-3 0-10P	160118550004	1GHz~18GHz	Feb. 26, 2024	Sep. 11, 2024	Feb. 25, 2025	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 11, 2024	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Sep. 11, 2024	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Sep. 11, 2024	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Sep. 11, 2024	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Keysight	N9038A	MY59053012	3Hz~26.5GHz	Nov. 08, 2023	Sep. 11, 2024	Nov. 07, 2024	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519226/2, 804014/2, 804026/2	30MHz~40GHz	Nov. 01, 2023	Sep. 11, 2024	Oct. 31, 2024	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz-40GHz	Nov. 24, 2023	Sep. 11, 2024	Nov. 23, 2024	Radiation (03CH10-HY)
Signal Analyzer	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 19, 2024	Sep. 11, 2024	Jul. 18, 2025	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2023	Sep. 11, 2024	Dec. 06, 2024	Radiation (03CH10-HY)

Report No. : FC482804-01

TEL: 886-3-327-3456 Page Number : 14 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

## 5. Measurement Uncertainty

#### <u>Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)</u>

Measuring Uncertainty for a Level of Confidence	3.5 dB
of 95% (U = 2Uc(y))	3.5 UB

Report No.: FC482804-01

#### **Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

Measuring Uncertainty for a Level of Confidence	6.34 dB
of 95% (U = 2Uc(y))	6.34 UB

#### <u>Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)</u>

Measuring Uncertainty for a Level of Confidence	4,68 dB
of 95% (U = 2Uc(y))	4.00 UB

#### Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence	5.3 dB
of 95% (U = 2Uc(y))	5.3 UB

#### <u>Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)</u>

Measuring Uncertainty for a Level of Confidence	4.96 dB
of 95% (U = 2Uc(y))	4.90 UD

TEL: 886-3-327-3456 Page Number : 15 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 29, 2024

# **Appendix A. AC Conducted Emission Test Results**

Test Engineer :	Calvin Mana	Temperature :	<b>23~26</b> ℃
	Calvin Wang	Relative Humidity :	45~55%

Report No. : FC482804-01

TEL: 886-3-327-3456 Page Number : A1 of A3

Report No.: FC482804-01

### **EUT Information**

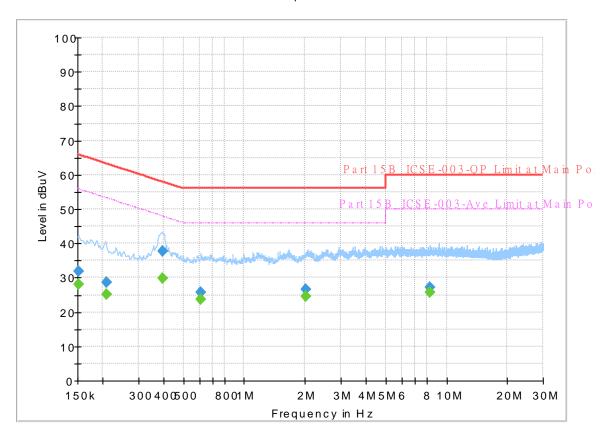
 Report NO :
 482804-01

 Test Mode :
 Mode 1

 Test Voltage :
 120Vac/60Hz

Phase: Line

FullSpectrum



## Final\_Result

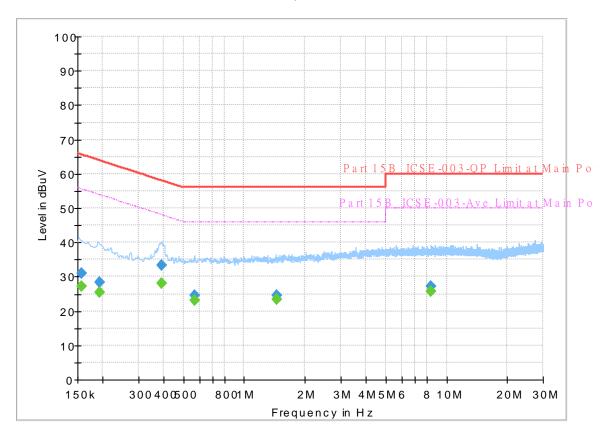
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250		28.14	55.88	27.74	L1	OFF	19.8
0.152250	31.84		65.88	34.04	L1	OFF	19.8
0.208500		25.24	53.27	28.03	L1	OFF	19.8
0.208500	28.52		63.27	34.75	L1	OFF	19.8
0.395250		29.81	47.95	18.14	L1	OFF	19.8
0.395250	37.61		57.95	20.34	L1	OFF	19.8
0.609000		23.75	46.00	22.25	L1	OFF	19.8
0.609000	25.79		56.00	30.21	L1	OFF	19.8
2.015250		24.62	46.00	21.38	L1	OFF	19.9
2.015250	26.57		56.00	29.43	L1	OFF	19.9
8.313000		25.83	50.00	24.17	L1	OFF	20.2
8.313000	27.08		60.00	32.92	L1	OFF	20.2

Report No.: FC482804-01

### **EUT Information**

Report NO: 482804-01
Test Mode: Mode 1
Test Voltage: 120Vac/60Hz
Phase: Neutral

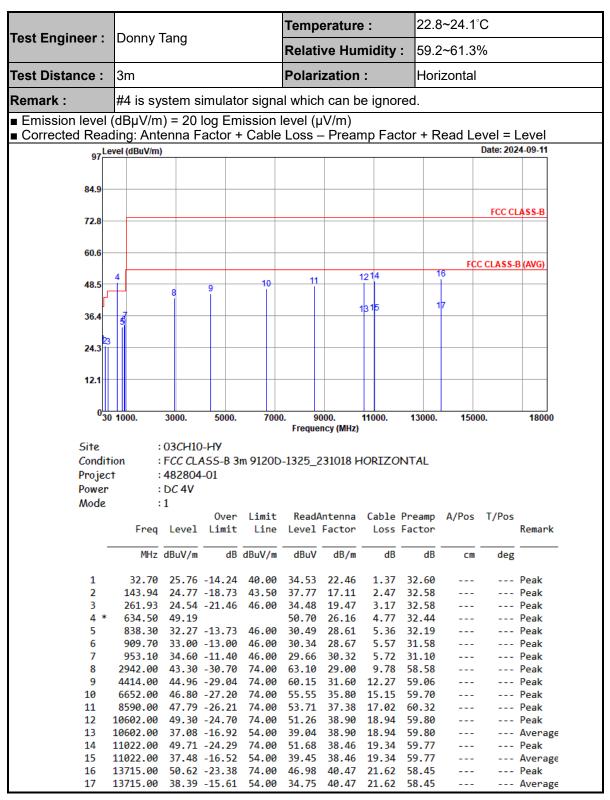
FullSpectrum



### Final\_Result

Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Filter	Corr.
(MHz)	(dBuV)	(dBuV)	(dBuV)	(dB)			(dB)
0.156750		27.10	55.63	28.53	N	OFF	19.8
0.156750	31.09		65.63	34.54	N	OFF	19.8
0.192750		25.33	53.92	28.59	N	OFF	19.8
0.192750	28.46		63.92	35.46	N	OFF	19.8
0.388500		28.19	48.10	19.91	N	OFF	19.8
0.388500	33.26		58.10	24.84	N	OFF	19.8
0.566250		23.22	46.00	22.78	N	OFF	19.8
0.566250	24.70		56.00	31.30	N	OFF	19.8
1.448250		23.32	46.00	22.68	N	OFF	19.9
1.448250	24.66		56.00	31.34	N	OFF	19.9
8.385000		25.65	50.00	24.35	N	OFF	20.2
8.385000	27.12		60.00	32.88	N	OFF	20.2

## **Appendix B. Radiated Emission Test Result**



Report No.: FC482804-01

TEL: 886-3-327-3456 Page Number : B1 of B4

Test Engineer : Donny Tang

Temperature : 22.8~24.1°C

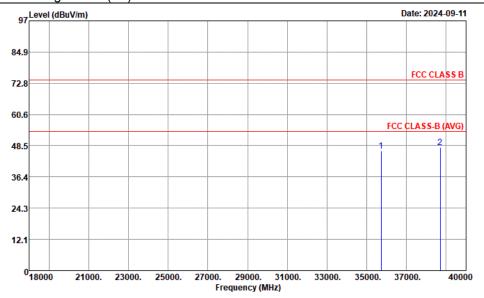
Relative Humidity : 59.2~61.3%

Test Distance : 3m

Polarization : Horizontal

Report No.: FC482804-01

- Emission level (dBµV/m) = 20 log Emission level (µV/m)
- Distance extrapolation factor = 20 log (specific distance/test distance) (dB)
- EX.: Distance extrapolation factor = 20 log (3/1) = 9.54 (dB)
- Factor(dB) = Antenna Factor + Path Loss Preamp Factor- Distance extrapolation factor
- Corrected Reading: Factor(dB) + Read Level = Level



Site : 03CH10-HY

Condition : FCC CLASS B 1m SHF\_00993\_231124 HORIZONTAL

Project : 482804-01 Power : DC 4V Mode : 1

Frequency	Level	Distance extrapolation	Over∂	Limite	Read∂	Antenna	Path₽	Preamp	Ant∂	Table	Peak₽
t	P	Factor4	Limit₽	Line∂	Level	Factor	Loss∂	Factor#	Pos	Pos	Average
(MHz)∂	(dBuV/m)	(dB)∂	( dB )₽	(dBµV/m)	(dBµV)∂	( dB/m )	( dB )₽	( dB )₽	( cm )	(deg)	(P/A)₽
35732₽	46.56₽	9.54₽	-27.44₽	74₽	32.82₽	42.98₽	34.89₽	54.59₽	¢	٠	P₽
38702₽	47.74₽	9.54₽	-26.26↩	74₽	29.09₽	43.58₽	36.21₽	51.6₽	¢	ą.	P₽

TEL: 886-3-327-3456 Page Number : B2 of B4



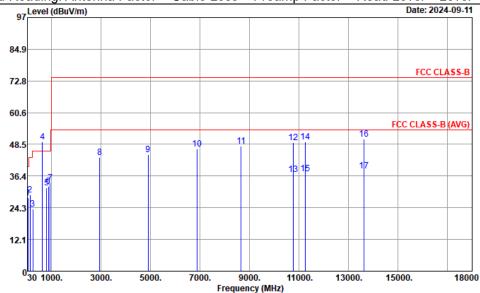
CC EMI TEST REPORT Report No. : FC482804-01

Test Engineer :		Temperature :	22.8~24.1°C
	Donny lang	Relative Humidity :	59.2~61.3%
Toet Dietanco :	3m	Polarization :	Vertical

Remark: #4 is system simulator signal which can be ignored.

■ Emission level (dBµV/m) = 20 log Emission level (µV/m)





Site : 03CH10-HY

Condition : FCC CLASS-B 3m 9120D-1325\_231018 VERTICAL

Project : 482804-01 Power : DC 4V Mode : 1

noue		1									
			0ver	Limit	Read/	Antenna	Cable	Preamp	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor			Remark
-	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	56.73	28.02	-11.98	40.00	47.28	11.74	1.68	32.68			Peak
2	143.94	29.14	-14.36	43.50	42.14	17.11	2.47	32.58			Peak
3	255.99	23.85	-22.15	46.00	34.58	18.72	3.14	32.59			Peak
4 *	634.50	49.47			50.98	26.16	4.77	32.44			Peak
5	813.10	31.85	-14.15	46.00	31.28	27.60	5.31	32.34			Peak
6	880.30	32.48	-13.52	46.00	30.41	28.45	5.48	31.86			Peak
7	955.90	33.75	-12.25	46.00	28.64	30.45	5.73	31.07			Peak
8	2954.00	43.63	-30.37	74.00	63.38	29.04	9.80	58.59			Peak
9	4908.00	44.46	-29.54	74.00	58.15	32.66	12.62	58.97			Peak
10	6882.00	46.71	-27.29	74.00	55.51	35.70	15.35	59.85			Peak
11	8666.00	47.71	-26.29	74.00	53.57	37.40	17.15	60.41			Peak
12	10782.00	49.31	-24.69	74.00	51.03	38.96	19.11	59.79			Peak
13	10782.00	37.08	-16.92	54.00	38.80	38.96	19.11	59.79			Averag
14	11258.00	49.42	-24.58	74.00	50.81	38.68	19.52	59.59			Peak
15	11258.00	37.20	-16.80	54.00	38.59	38.68	19.52	59.59			Averag
16	13615.00	50.58	-23.42	74.00	46.99	40.50	21.53	58.44			Peak
17	13615.00	38.35	-15.65	54.00	34.76	40.50	21.53	58.44			Averag

TEL: 886-3-327-3456 Page Number : B3 of B4

Test Engineer : Donny Tang

Temperature : 22.8~24.1°C

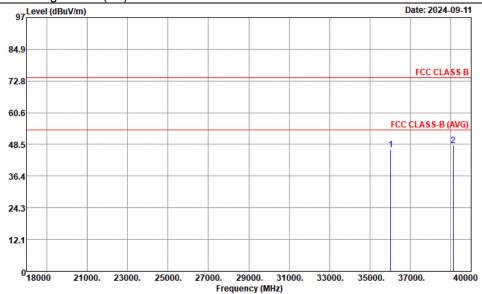
Relative Humidity : 59.2~61.3%

Test Distance : 3m

Polarization : Vertical

Report No.: FC482804-01

- Emission level (dBµV/m) = 20 log Emission level (µV/m)
- Distance extrapolation factor = 20 log (specific distance/test distance) (dB)
- EX.: Distance extrapolation factor = 20 log (3/1) = 9.54 (dB)
- Factor(dB) = Antenna Factor + Path Loss Preamp Factor- Distance extrapolation factor
- Corrected Reading: Factor(dB) + Read Level = Level



Site : 03CH10-HY

Condition : FCC CLASS B 1m SHF\_00993\_231124 VERTICAL

Project : 482804-01 Power : DC 4V Mode : 1

Frequency	Level	Distance extrapolation-	Over-	Limit∂	Read₽	Antenna	Path∂	Preamp	Ant∂	Table	Peak 🕫
¢	₽	Factor₽	Limit₽	Line∂	Level₽	Factor	Loss∂	Factor	Pos	Pos	Average
( MHz )	( dBµV/m )	( dB )∂	( dB )₽	( dBµV/m )	(dBµV)₽	( dB/m )	( dB )∂	( dB )₽	( cm )	( deg )	(P/A)₽
36018₽	46.59₄³	9.54₽	-27.41∉	74₽	32.01	43.86	35.06	54.8	₽	٠	P₽
39120₽	47.99₽	9.54₽	-26.01₽	74∻	27.54	44.42	36.47	50.9	4	4	P₽

TEL: 886-3-327-3456 Page Number : B4 of B4