

# EMC Test Report

Report No.: CTA231114012E02

Issued for

WHOOOP INTERNATIONAL TRADING LIMITED

Flat-B 8/F Chong Gming Building 72 Cheung Sha Wan Road,  
Kowloon, Hong Kong

Product Name: 10.1inch Quad Core 4G Tablet PC

Brand Name: ROVER

Model Name: R10

Series Model(s): N/A

Test Standards: FCC 47 CFR Part 15: Subpart B

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Shenzhen CTA Testing Technology Co., Ltd.

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China

TEST REPORT

Applicant's Name .....: WHOOP INTERNATIONAL TRADING LIMITED
Address .....: Flat-B 8/F Chong Gming Building 72 Cheung Sha Wan Road, Kowloon, Hong Kong

Manufacturer's Name .....: Shenzhen Teleone Technology Co.,Ltd
Address .....: Tower B 5/F, Shanshui Building, Nanshan Yungu Innovation Industry Park, 4093 Liuxian Avenue, Shenzhen, China

Product Description .....:
Product Name.....: 10.1 inch Quad Core 4G Tablet PC
Brand Name .....: ROVER
Model Name .....: R10
Series Model(s) .....: N/A

Test Standards.....: FCC 47 CFR Part 15: Subpart B
Test Procedure.....: ANSI C63.4-2014

This device described above has been tested by CTA, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test .....:
Date of Receipt of Test Item.....: 23 Oct. 2023
Date of Performance of Tests .....: 23 Oct. 2023 ~ 28 Oct. 2023
Date of Issue .....: 28 Oct. 2023
Test Result.....: Pass

Testing Engineer : [Signature]
(Zoey Cao)

Technical Manager : [Signature]
(Amy Wen)

Authorized Signatory : [Signature]
(Eric Wang)

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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	28 Oct. 2023	CTA231114012E02	ALL	Initial Issue

## 1. SUMMARY OF THE TEST RESULTS

Test procedures according to the technical standards:

EMISSION			
Standard	Item	Result	Remarks
FCC 47 CFR Part 15: Subpart B	Conducted Emission	PASS	Meet Class B limit
	Radiated Emission	PASS	Meet Class B limit

NOTE:

(1) N/A=Not Applicable.

## 1.1 TEST FACTORY

Shenzhen CTA Testing Technology Co., Ltd.  
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District,  
Shenzhen, China

FCC test Firm Registration Number: 517856

IC test Firm Registration Number: 27890

A2LA Certificate No.: 6534.01

IC CAB ID: CN0127

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

Test	Range	Measurement Uncertainty
Radiated Emission	30~1000MHz	4.06 dB
Radiated Emission	1~18GHz	5.14 dB
Radiated Emission	18-40GHz	5.38 dB
Conducted Disturbance	0.15~30MHz	2.14 dB

## 2. GENERAL INFORMATION

## 2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	10.1 inch Quad Core 4G Tablet PC	
Brand Name	ROVER	
Model Name	R10	
Series Model(s)	N/A	
Model Difference	N/A	
Product Description	<p>The EUT is a 10.1 inch Quad Core 4G Tablet PC</p> <p>ITE equipment having a primary function of either (or a combination of) entry, storage, display, retrieval, transmission, processing, switching, or control of data and/or telecommunication messages and which may be equipped with one or more ports typically for information transfer.</p>	
Frequency Bands	GSM	850: 824~8489MHz 1900:1850~1910MHz
	WCDMA	Band II: 1850 MHz~1990 MHz Band IV: 1710 MHz~1755 MHz Band V: 824 MHz~849 MHz
	LTE	LTE Band 2:1850~1910MHz LTE Band 4: 1710~1755MHz LTE Band 5: 824~849MHz LTE Band 12 :699~716MHz LTE Band 66: 1710~1780MHz
	Bluetooth	2402~ 2480MHz
	2.4G WLAN	802.11b/g/n 20: 2412~2462 MHz
	5G WLAN	802.11a/ n(HT20)/ac(VHT20): 5.180GHz-5.240GHz 802.11n(HT40)/ac(VHT40): 5.190GHz-5.310GHz 802.11ac(VHT80): 5.210GHz
		802.11a/ n(HT20)/ac(VHT20): 5.260GHz-5.320GHz 802.11n(HT40)/ac(VHT40): 5.270GHz-5.310GHz 802.11ac(VHT80): 5.290GHz
		802.11a/ n(HT20)/ac(VHT20): 5.500GHz-5.700GHz 802.11n(HT40)/ac(VHT40): 5.510GHz-5.670GHz 802.11ac(VHT80): 5.530GHz-5.610GHz
802.11a/ n(HT20)/ac(VHT20): 5.745GHz-5.825GHz 802.11n(HT40)/ac(VHT40): 5.755GHz-5.795GHz 802.11ac(VHT80): 5.775GHz		
Modulation Mode	GSM	GMSK for GPRS; GMSK and 8PSK for EDGE

	WCDMA	WCDMA: QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK
	LTE	QPSK/16QAM
	Bluetooth	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	2.4G WLAN	802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
	5G WLAN	802.11a(OFDM): BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM): BPSK,QPSK,16-QAM,64-QAM 802.11ac(OFDM): BPSK,QPSK,16-QAM,64-QAM,256-QAM
Adapter		Input: AC 100-240V 0.3A 50/60Hz Output: DC 5V 1500mA
Battery		Rated Voltage:3.8V Charge Limit Voltage:4.35 V Capacity: 5100mAh
Hardware Version Number		J866B_610&310_D4F_V1.0
Software Version Number		ROVER_R10_13_V01_20231201

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

## 2.2 DESCRIPTION OF THE TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	PC+USB Transmitting+SD Card
Mode 2	Adapter + Front camera+ BT Link
Mode 3	Adapter + Rear camera+ BT Link
Mode 4	GSM850 Link + Adapter + USB cable + Earphone + BT Link
Mode 5	GSM1900 Link + Adapter + USB cable + Earphone + BT Link
Mode 6	WCDMA B2 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 7	WCDMA B4 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 8	WCDMA B5 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 9	LTE B2 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 10	LTE B4 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 11	LTE B5 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 12	LTE B12 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link
Mode 13	LTE B66 Link + Adapter + USB cable + Earphone + BT Link + WLAN Link

For Conducted Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

For Radiated Test	
Final Test Mode	Description
Mode 1	PC+USB Transmitting+SD Card

### Note:

1. For conducted emission test, test mode 1 was the worst case and only this mode was presented in this report.
2. For radiated emission test, test mode 1 was the worst case and only this mode was presented in this report.
3. We have be tested for all available U.S. voltage and frequencies (For 120V, 50/60Hz) for which the device is capable of operation.



### 2.3 DESCRIPTION OF THE TEST SETUP

The EUT has been tested with associated equipment below and the test setup please refer to appendix 1 - test setup.

#### Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
	Adapter	N/A	YMK-12W050150	N/A	N/A
	USB Cable	N/A	N/A	95cm	NO

#### Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
	Notebook Adapter	DELL	HSTNN-CA15	N/A	N/A
	Personal computer	DELL	VOSTRO.3800	N/A	N/A
	Keyboard	Acer	SK-9624	N/A	N/A
	Mouse	HP	MODGUO	N/A	N/A
	Printer	LENOVO	LJ2400L	N/A	N/A
	DC Cable	N/A	N/A	120cm	NO
	USB Cable	N/A	N/A	110cm	NO
	USB Cable	N/A	N/A	110cm	NO
	USB Cable	N/A	N/A	110cm	NO

#### Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.

## 2.4 EQUIPMENTS LIST FOR ALL TEST ITEMS

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.

Radiated Emission						
Item	Test Equipment	Manufacturer	Model No.	Equipment No.	Last Cal.	Cal.Due
1	Ultra-Broadband Antenna	Schwarzbeck	VULB9163	CTA-310	2023/10/17	2024/10/16
2	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	CTA-306	2023/08/02	2024/08/01
3	Horn Antenna	Schwarzbeck	BBHA 9120D	CTA-309	2023/10/13	2024/10/12
4	Universal Radio Communication	CMW500	R&S	CTA-302	2023/08/02	2024/08/01
5	Band-reject filter	Xi'an Xingbo Technology Co.,Ltd	XBLBQ-DZA66	CTA-410	2023/08/02	2024/08/01
6	Band-reject filter	Xi'an Xingbo Technology Co.,Ltd	XBLBQ-DZA64	CTA-411	2023/08/02	2024/08/01
7	Band-reject filter	Xi'an Xingbo Technology Co.,Ltd	XBLBQ-DZA63	CTA-411	2023/08/02	2024/08/01
8	High-pass filter	Xi'an Xingbo Technology Co.,Ltd	XBLBQ-GTA10	CTA-412	2023/08/02	2024/08/01
9	High-pass filter	Xi'an Xingbo Technology Co.,Ltd	XBLBQ-GTA18	CTA-402	2023/08/02	2024/08/01

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Equipment No.	Last Cal.	Cal.Due
1	EMI Test Receiver	R&S	ESPI	CTA-307	2023/08/02	2024/08/01
2	Artificial Mains	R&S	ENV-216	CTA-308	2023/08/02	2024/08/01
3	Artificial Mains	R&S	ENV-216	CTA-314	2023/08/02	2024/08/01
4	ISN	Schwarzbeck	NTFM8158	CTA-407	2023/08/02	2024/08/01
5	ISN	Schwarzbeck	CAT58158	CTA-408	2023/08/02	2024/08/01
6	ISN	Schwarzbeck	CAT38158	CTA-409	2023/08/02	2024/08/01

7	Universal Radio Communication	R&S	CMW500	CTA-302	2023/08/02	2024/08/01
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Test Equipment	Manufacturer	Model No.	Version number	Calibration Date	Calibration Due Date
EMI Test Software	Tonscend	TS®JS32-RE	5.0.0.2	N/A	N/A
EMI Test Software	Tonscend	TS®JS32-CE	5.0.0.1	N/A	N/A

## 3. EMC EMISSION TEST

## 3.1 CONDUCTED EMISSION MEASUREMENT

## 3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	<input type="checkbox"/> Class A (dB $\mu$ V)		<input checked="" type="checkbox"/> Class B (dB $\mu$ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 ~ 0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.5 ~ 5	73.00	60.00	56.00	46.00
5 ~ 30	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

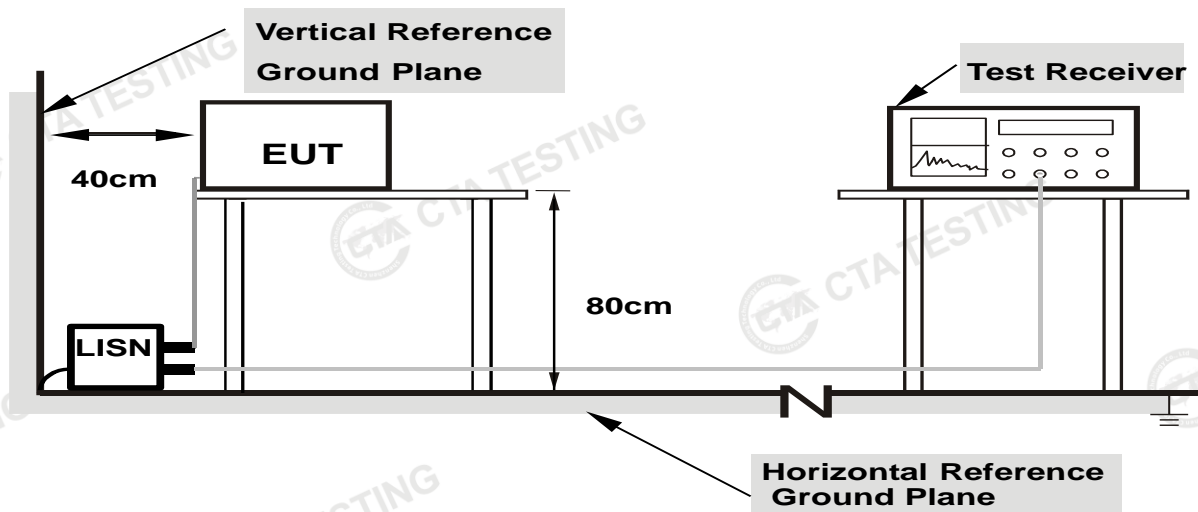
### 3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.3 DEVIATION FROM TEST STANDARD

No deviation

### 3.1.4 TEST SETUP



**Note: 1. Support units were connected to second LISN.**

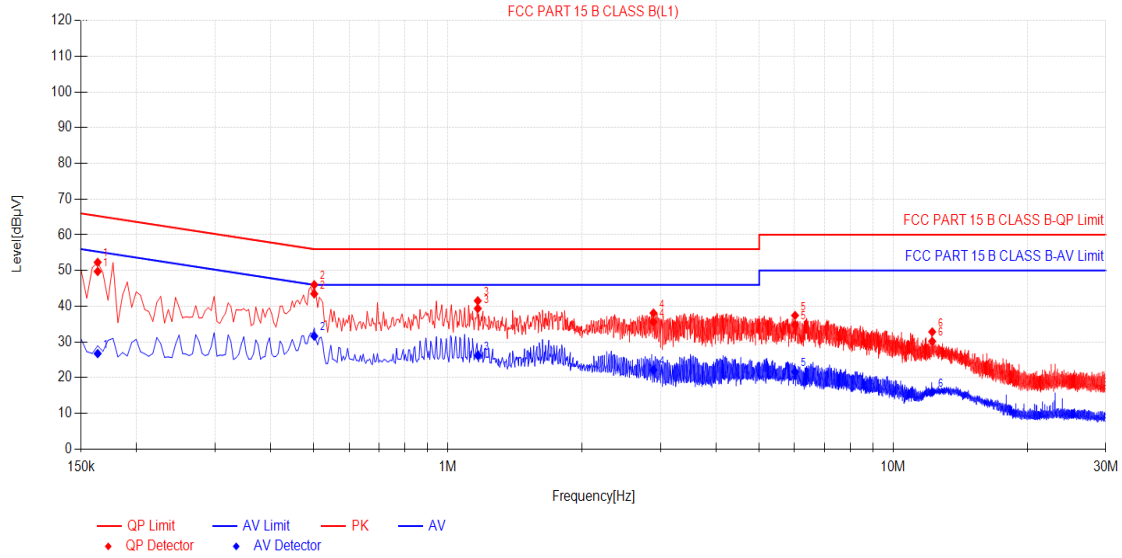
**2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes**

### 3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

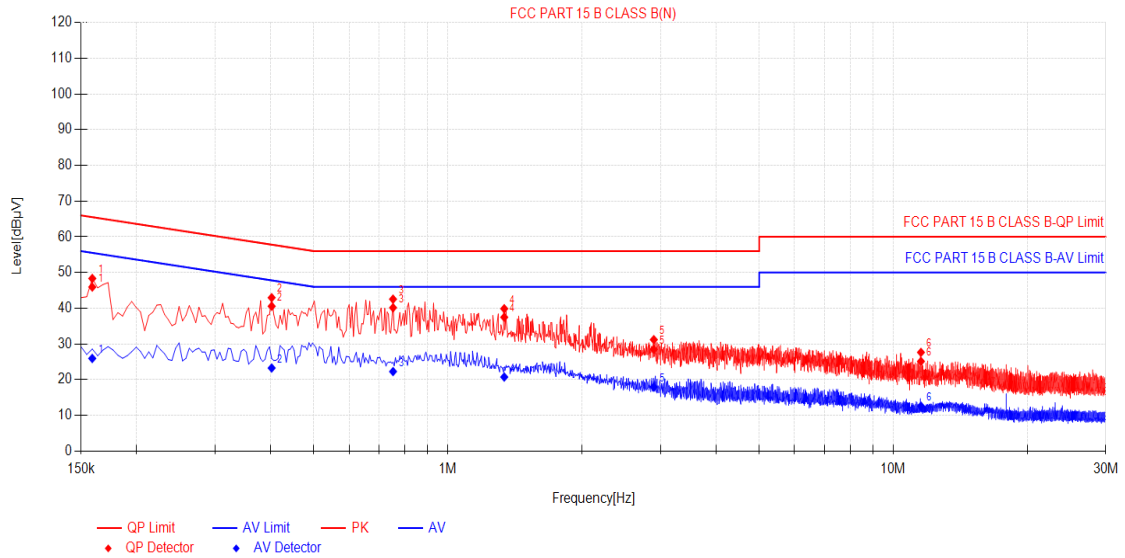
3.1.6 TEST RESULTS

Temperature:	26.2°C	Relative Humidity:	54%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.24



Final Data List											
NO.	Freq. [MHz]	Factor [dB]	QP Reading [dB µV]	QP Value [dB µV]	QP Limit [dB µV]	QP Margin [dB]	AV Reading [dB µV]	AV Value [dB µV]	AV Limit [dB µV]	AV Margin [dB]	Verdict
1	0.1635	10.50	39.24	49.74	65.28	15.54	16.24	26.74	55.28	28.54	PASS
2	0.501	10.50	32.97	43.47	56.00	12.53	21.14	31.64	46.00	14.36	PASS
3	1.167	10.50	28.87	39.37	56.00	16.63	15.73	26.23	46.00	19.77	PASS
4	2.895	10.50	25.13	35.63	56.00	20.37	11.65	22.15	46.00	23.85	PASS
5	6.018	10.50	24.35	34.85	60.00	25.15	11.13	21.63	50.00	28.37	PASS
6	12.2325	10.50	19.66	30.16	60.00	29.84	5.46	15.96	50.00	34.04	PASS

Temperature:	25.4 °C	Relative Humidity:	54%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.23



Final Data List											
NO.	Freq. [MHz]	Factor [dB]	QP Reading [dB µV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1 <sup>+</sup>	0.159 <sup>+</sup>	10.50 <sup>+</sup>	35.44 <sup>+</sup>	45.94 <sup>+</sup>	65.52 <sup>+</sup>	19.58 <sup>+</sup>	15.45 <sup>+</sup>	25.95 <sup>+</sup>	55.52 <sup>+</sup>	29.57 <sup>+</sup>	PASS <sup>+</sup>
2 <sup>+</sup>	0.402 <sup>+</sup>	10.50 <sup>+</sup>	30.07 <sup>+</sup>	40.57 <sup>+</sup>	57.81 <sup>+</sup>	17.24 <sup>+</sup>	12.77 <sup>+</sup>	23.27 <sup>+</sup>	47.81 <sup>+</sup>	24.54 <sup>+</sup>	PASS <sup>+</sup>
3 <sup>+</sup>	0.753 <sup>+</sup>	10.50 <sup>+</sup>	29.65 <sup>+</sup>	40.15 <sup>+</sup>	56.00 <sup>+</sup>	15.85 <sup>+</sup>	11.77 <sup>+</sup>	22.27 <sup>+</sup>	46.00 <sup>+</sup>	23.73 <sup>+</sup>	PASS <sup>+</sup>
4 <sup>+</sup>	1.338 <sup>+</sup>	10.50 <sup>+</sup>	26.98 <sup>+</sup>	37.48 <sup>+</sup>	56.00 <sup>+</sup>	18.52 <sup>+</sup>	10.24 <sup>+</sup>	20.74 <sup>+</sup>	46.00 <sup>+</sup>	25.26 <sup>+</sup>	PASS <sup>+</sup>
5 <sup>+</sup>	2.8995 <sup>+</sup>	10.50 <sup>+</sup>	17.99 <sup>+</sup>	28.49 <sup>+</sup>	56.00 <sup>+</sup>	27.51 <sup>+</sup>	7.44 <sup>+</sup>	17.94 <sup>+</sup>	46.00 <sup>+</sup>	28.06 <sup>+</sup>	PASS <sup>+</sup>
6 <sup>+</sup>	11.5395 <sup>+</sup>	10.50 <sup>+</sup>	14.83 <sup>+</sup>	25.13 <sup>+</sup>	60.00 <sup>+</sup>	34.87 <sup>+</sup>	2.10 <sup>+</sup>	12.60 <sup>+</sup>	50.00 <sup>+</sup>	37.40 <sup>+</sup>	PASS <sup>+</sup>

### 3.2 RADIATED EMISSION MEASUREMENT

#### 3.2.1 RADIATED EMISSION LIMITS

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	<input type="checkbox"/> Class A		<input checked="" type="checkbox"/> Class B
	Field strength (dBuV/m) ( at 10m)	Field strength (dBuV/m) (at 3m)	Field strength (dBuV/m) (at 3m)
30 ~ 88	39	49.5	40
88 ~ 216	43.5	54	43.5
216 ~ 960	46.4	56.9	46
Above 960	49.5	60	54

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	<input type="checkbox"/> Class A				<input checked="" type="checkbox"/> Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

#### Frequency Range of Radiated Disturbance Measurement

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 ~ 108	1000
108 ~ 500	2000
500 ~ 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

Note:

- (1) The limit for radiated test was performed in the following: FCC PART 15B.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m).



### 3.2.2 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. EUT as the center to the edge of the auxiliary device, the distance from the maximum edge to the center of the antenna is 3 meter.
- c. The height of antenna is varied from 1 meter to 4 meter above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meter and the rotatable table was turned from 0 degrees to 360 degree to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

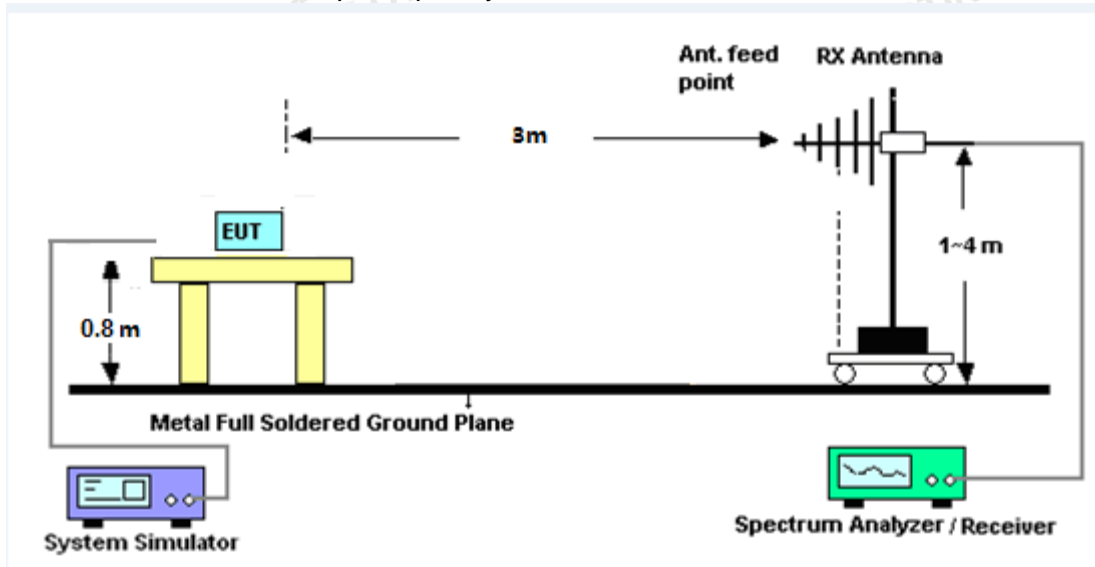
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

### 3.2.3 DEVIATION FROM TEST STANDARD

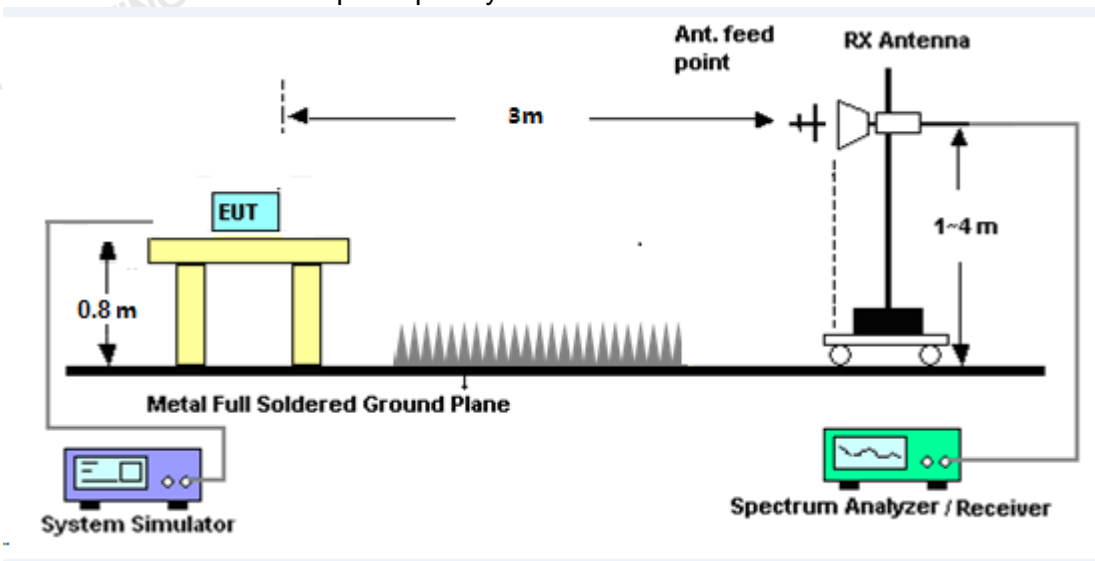
No deviation

### 3.2.4 TEST SETUP

#### (A) Radiated Emission Test-Up Frequency Below 1 GHz



#### (B) Radiated Emission Test-Up Frequency Above 1GHz



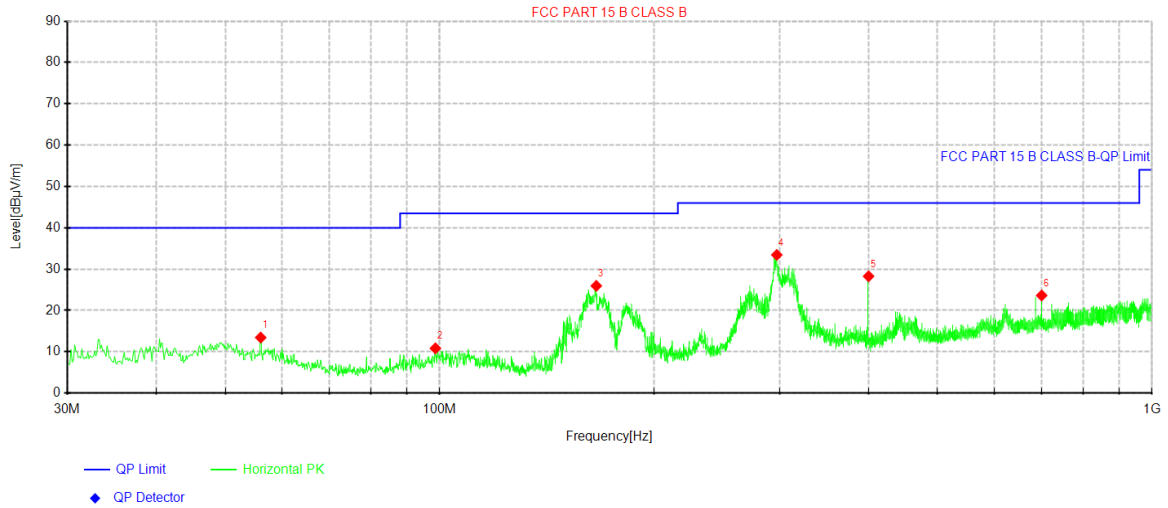
### 3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 described unless otherwise a special operating condition is specified in the following during the testing.

3.2.6 TEST RESULTS

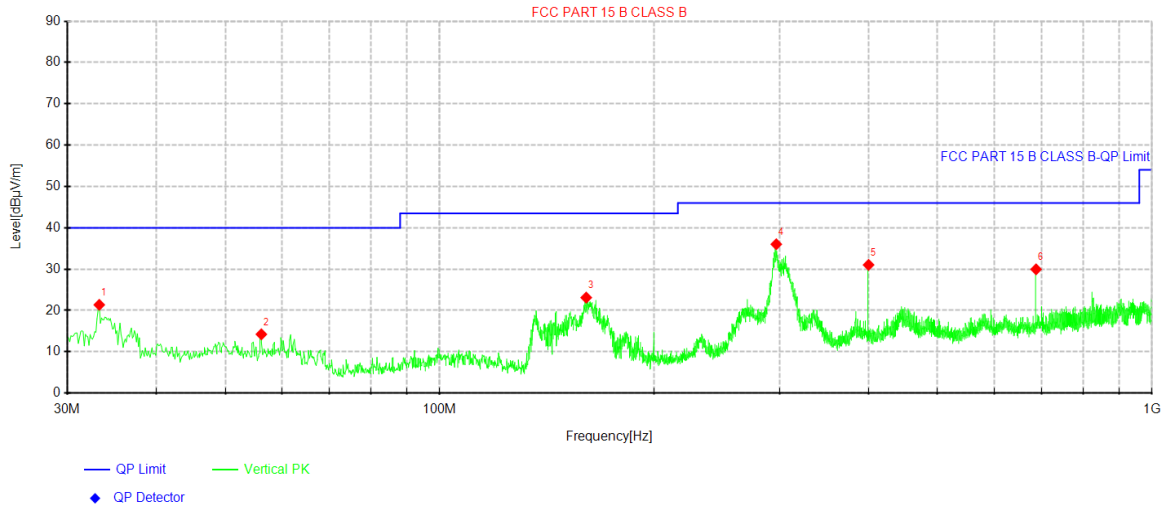
30MHz - 1000MHz

Temperature:	25.3°C	Relative Humidity:	43%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.25



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	56.0688	30.81	13.45	-17.36	40.00	26.55	100	360	Horizontal
2	98.6275	29.41	10.84	-18.57	43.50	32.66	100	358	Horizontal
3	165.921	47.24	25.96	-21.28	43.50	17.54	100	336	Horizontal
4	297.356	50.82	33.44	-17.38	46.00	12.56	100	296	Horizontal
5	400.055	43.78	28.27	-15.51	46.00	17.73	100	278	Horizontal
6	700.027	35.44	23.63	-11.81	46.00	22.37	100	69	Horizontal

Temperature:	25.3°C	Relative Humidity:	43%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.25



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.2738	39.53	21.37	-18.16	40.00	18.63	100	46	Vertical
2	56.19	31.63	14.24	-17.39	40.00	25.76	100	53	Vertical
3	160.586	44.69	23.11	-21.58	43.50	20.39	100	317	Vertical
4	296.871	53.41	36.02	-17.39	46.00	9.98	100	2	Vertical
5	400.055	46.54	31.03	-15.51	46.00	14.97	100	21	Vertical
6	687.538	41.69	29.95	-11.74	46.00	16.05	100	357	Vertical

(1 GHz - 18GHz)

Temperature:	25.3°C	Relative Humidity:	43%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3762.500	41.95	3.74	45.69	74.00	-28.31	Peak
2	3762.500	34.28	3.74	38.02	54.00	-15.98	AVG
3	6712.000	36.29	10.26	46.55	74.00	-27.45	Peak
4	6712.000	28.74	10.26	39.00	54.00	-15.00	AVG
5	9627.500	35.65	13.44	49.09	74.00	-24.91	Peak
6	9627.500	27.49	13.44	40.93	54.00	-13.07	AVG
7	12526.000	35.21	15.55	50.76	74.00	-23.24	Peak
8	12526.000	26.46	15.55	42.01	54.00	-11.99	AVG
9	15254.500	35.15	17.62	52.77	74.00	-21.23	Peak
10	15254.500	26.61	17.62	44.23	54.00	-9.77	AVG
11	17787.500	31.64	24.24	55.88	74.00	-18.12	Peak
12	17787.500	22.07	24.24	46.31	54.00	-7.69	AVG

Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

Temperature:	25.3°C	Relative Humidity:	42%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz	Test Date:	2023.10.25

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3779.500	41.30	3.79	45.09	74.00	-28.91	Peak
2	3779.500	32.99	3.79	36.78	54.00	-17.22	AVG
3	5853.500	38.77	7.50	46.27	74.00	-27.73	Peak
4	5853.500	30.12	7.50	37.62	54.00	-16.38	AVG
5	8803.000	36.15	13.38	49.53	74.00	-24.47	Peak
6	8803.000	26.73	13.38	40.11	54.00	-13.89	AVG
7	11761.000	36.19	14.61	50.80	74.00	-23.20	Peak
8	11761.000	27.82	14.61	42.43	54.00	-11.57	AVG
9	14778.500	34.11	17.99	52.10	74.00	-21.90	Peak
10	14778.500	24.82	17.99	42.81	54.00	-11.19	AVG
11	17753.500	31.22	23.68	54.90	74.00	-19.10	Peak
12	17753.500	22.21	23.68	45.89	54.00	-8.11	AVG

## Remark:

1. All readings are Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain

## Notes:

1. Measuring frequencies from 1 GHz to 18GHz.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak and average detector mode of the emission shown in Actual FS column.
3. The frequency emission of 18-25GHz is at least 20dB lower than the limit, and the frequency emission mainly comes from environmental noise.

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*