



No.:  
FCCSZ2025-0044-EMC

## TEST REPORT

FCC ID : 2A7DX-SHARKTIGER

NAME OF SAMPLE : Mobile Phone

APPLICANT : DOKE COMMUNICATION (HK) LIMITED

CLASSIFICATION OF TEST : N/A

**CVC Testing Technology (Shenzhen) Co., Ltd.**



<b>Applicant</b>		Name: DOKE COMMUNICATION (HK) LIMITED  Address: 19H MAXGRAND PLAZA NO 3 TAI YAU STREET SAN PO KONG KL	
<b>Manufacturer</b>		Name: Shenzhen DOKE Electronic Co., Ltd  Address: 801, Building3, 7th Industrial Zone, Yutang Community, Yutang Road, Guangming District, Shenzhen, China.	
<b>Equipment Under Test</b>		Product Name: Mobile Phone  Model Name: SHARK 6  Additional Model Name: TIGER 8  Brand Name: Blackview, OSCAL  Serial NO.: N/A  Sample NO.: 202505200770-2	
Date of Receipt.	May. 20, 2025		Date of Testing May. 20, 2025 ~ Jul. 08, 2025
Test Specification		Test Result	
FCC Part 15, Subpart B, Class B		PASS	
<b>Evaluation of Test Result</b>		The equipment under test was found to comply with the requirements of the standards applied.	
		Seal of CVC  Issue Date: Jul. 08, 2025	
Compiled by:    Zhu Yulin Name      Signature	Reviewed by:    Mo Xianbiao Name      Signature	Approved by:    Dong Sanbi Name      Signature	
<b>Other Aspects: NONE.</b>			
Abbreviations:OK, Pass= passed		Fail = failed	N/A= not applicable
EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2025-0044-EMC	Original release	Jul. 08, 2025



## 1. SUMMARY OF TEST RESULTS

EMISSION			
Standard	Test Item	Result	Remarks
FCC Part 15, Subpart B, Class B	Conducted Test	PASS	Minimum passing margin is 1.7dB at 0.456MHz
	Radiated Test (30MHz~1GHz)	PASS	Minimum passing margin is 10.51dB at 845.464MHz
	Radiated Test (Above 1GHz)	PASS	Minimum passing margin is 19.52dB at 13345.435MHz

### 1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal.Day	Cal. Due
Radiation Spurious Test - 3M Chamber #1						
EMI Test Receiver	Rohde&Schwarz	ESR 26	101718	1 year	2025/05/22	2026/05/21
Loop antenna (8.3k~30MHz)	Rohde&Schwarz	HFH2-Z2E	100951	1 year	2025/06/19	2026/06/18
Antenna(30MHz~1000MHz)	SCHWARZBECK	VULB 9168	1132	1 year	2025/02/28	2026/02/27
3m anechoic chamber	MORI	966	N/A	1 year	2025/05/19	2026/05/18
Preamplifier(10kHz-1GHz)	Rohde&Schwarz	SCU-01F	100298	1 year	2025/04/23	2026/04/22
Preamplifier(1GHz-18GHz)	Rohde&Schwarz	SCU-18F	100799	1 year	2025/04/23	2026/04/22
#1 control room	MORI	433	/	3year	2023/05/17	2026/05/16
Temperature and humidity meter	/	C193561473	C193561473	1 year	2025/04/29	2026/04/28
Conducted emission						
EMI Test Receiver	R&S	ESR3	CS0300001	1 year	2025/05/22	2026/05/21
Voltage probe	SCHWARZBECK	CVP9222C	CS0200002-2	1 year	2025/04/29	2026/04/28
Voltage probe	R&S	EZ-17	CS0200002-3	1 year	2025/04/23	2026/04/22
ISN network	R&S	ENY81	CS0200015	1 year	2025/04/23	2026/04/22
ISN network	R&S	ENY81Cat6	CS0200016	1 year	2025/04/23	2026/04/22
Artificial Power Network (three-phase)	SCHWARZBECK	NNLK&8129RC	CS0200037	1 year	2025/04/23	2026/04/22
Temperature and humidity meter	UNI-T	A10T	C193561430	1 year	2025/04/29	2026/04/28
limiter (10 dB)	Rohde&Schwarz	ESH3-Z2	102824	1 year	2024/05/16	2025/05/15



## 1.2 MEASUREMENT UNCERTAINTY

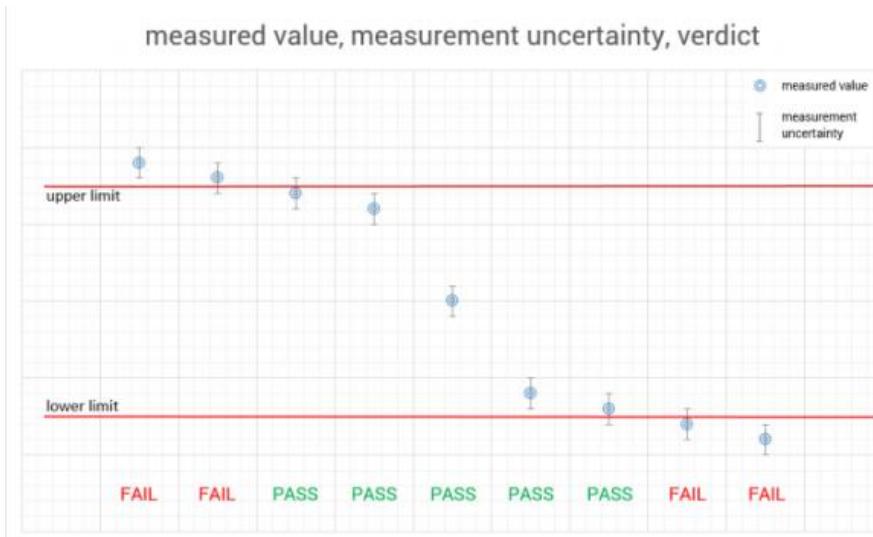
Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

No.	Item	Measurement Uncertainty
1	Conducted emission test	+/- 2.7 dB
2	Radiated emission 30MHz-1GHz	+/- 4.6 dB
3	Radiated emission 1GHz-18GHz	+/- 4.4 dB

**Remark: 95% Confidence Levels, k=2.**

Only the measured values related to their corresponding limits will be used to decide whether the equipment under test meets the requirements of the test standards listed.

The measurement uncertainty is mentioned in this test report, but is not taken into account - neither to the limits nor to the measurement results. Measurement results with a smaller margin to the corresponding limits than the measurement uncertainty have a potential risk of more than 5% that the decision might be wrong.



## 1.3 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab of CVC Testing Technology (Shenzhen) Co., Ltd.

Address: No. 1301-14&16, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua District, Shenzhen, Guangdong, China

Post Code: 518110      Tel: 0755-23763060-8805  
Fax: 0755-23763060      E-mail: sz-kf@cvc.org.cn  
FCC(Test firm designation number: CN1363)  
IC(Test firm CAB identifier number: CN0137)  
CNAS(Test firm designation number: L16091)



## 2. GENERAL INFORMATION

### 2.1 GENERAL PRODUCT INFORMATION

PRODUCT NAME	Mobile Phone	
BRAND NAME (Remark 4)	Blackview, OSCAL	
MODEL NAME	SHARK 6	
ADDITIONAL MODEL NAME (Remark 4)	TIGER 8	
POWER SUPPLY	1. DC 3.89V (1*3.89V Rechargeable Li-ion battery) 2. DC 5/9/12V From Adapter	
HARDWARE VERSION:	S823M_V1	
SOFTWARE VERSION:	SHARK 6:	SHARK6_NEU_S7608A_V1.0
	TIGER 8:	TIGER8_NEU_S7608B_V1.0
I/O PORTS	Refer to User's Manual	
CABLE SUPPLIED	N/A	

Remark:

1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
3. EUT photo refer to the report (Report NO.: FCCSZ2025-0044-EUT).
4. SHARK 6 and TIGER 8 differ only in the rear camera ID lens and brands (Blackview vs. OSCAL); all other specs are identical.

### 2.2 DESCRIPTION OF ACCESSORIES

	Adapter
Brand	N/A
Model No.:	QZ-0180AAA00
Input:	100-240V~50/60Hz 0.5A
	5.0V == 3.0A, 15.0W
Output:	9.0V == 2.0A, 18.0W 12.0V == 1.5A, 18.0W
SN	N/A
AC Cable:	N/A
DC Cable:	N/A



## 2.3 INDEPENDENT OPERATION MODES

The EUT were tested under the following modes, the final worst mode was marked in boldface and recorded in this report.

EMISSION Test Modes		
<b>For Conducted Emission Tests</b>		
Test Mode		Test Voltage
1	Front Camera + BT Link + WiFi Link + NFC Link + WWAN Link	DC 5/9/12V From Adapter
<b>3</b>	<b>Rear Camera (Flashlight) + BT Link + WiFi Link + NFC Link + WWAN Link</b>	<b>DC 5/9/12V From Adapter</b>
4	MP4 + BT Link + WiFi Link + WWAN Link	DC 5/9/12V From Adapter
5	FM + BT Link + WiFi Link + WWAN Link	DC 5/9/12V From Adapter
<b>For Radiated Emission Tests</b>		
Test Mode		Test Voltage
1	Front Camera + BT Link + WiFi Link + NFC Link + WWAN Link + FM	DC 5/9/12V From Adapter
<b>3</b>	<b>Rear Camera (Flashlight) + BT Link + WiFi Link + NFC Link + WWAN Link + FM</b>	<b>DC 5/9/12V From Adapter</b>
4	MP4 + BT Link + WiFi Link + WWAN Link + FM	DC 5/9/12V From Adapter
5	FM + BT Link + WiFi Link + WWAN Link	DC 5/9/12V From Adapter
6	MP4 + BT Link + WiFi Link + WWAN Link + USB + FM	DC 5V From USB Unit



## 2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS

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

**FCC PART 15, SUBPART B, CLASS B**

**ANSI C63.4:2014**

All test items have been performed and recorded as per the above standards.

## 2.5 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.

Support Equipment					
NO	Description	Brand	Model No.	Serial Number	Supplied by
1	N/A	N/A	N/A	N/A	N/A
Support Cable					
NO	Description	Quantity (Number)	Length (m)	Detachable (Yes/ No)	Shielded (Yes/ No)
1	N/A	N/A	N/A	N/A	N/A

### 3. EMISSION

#### 3.1 CONDUCTED EMISSION

##### 3.1.1 LIMITS OF CONDUCTED EMISSION

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.107)

Frequency (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE: 1. The lower limit shall apply at the transition frequencies.  
NOTE: 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.  
NOTE: 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

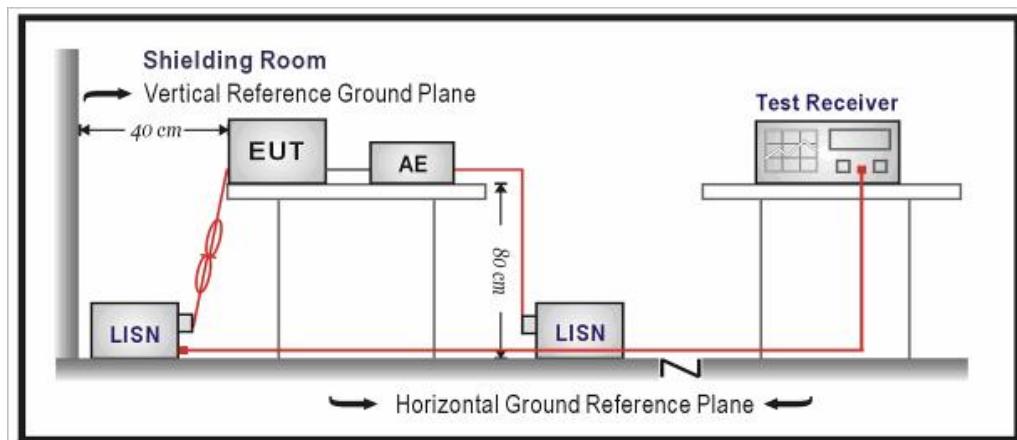
##### 3.1.2 TEST PROCEDURES

The basic test procedure was in accordance with ANSI C63.4:2014 (section 7).

- 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.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The test results of conducted emissions at mains ports are recorded of six worst margins for quasi-peak (mandatory) [and average (if necessary)] values against the limits at frequencies of interest unless the margin is 20 dB or greater.

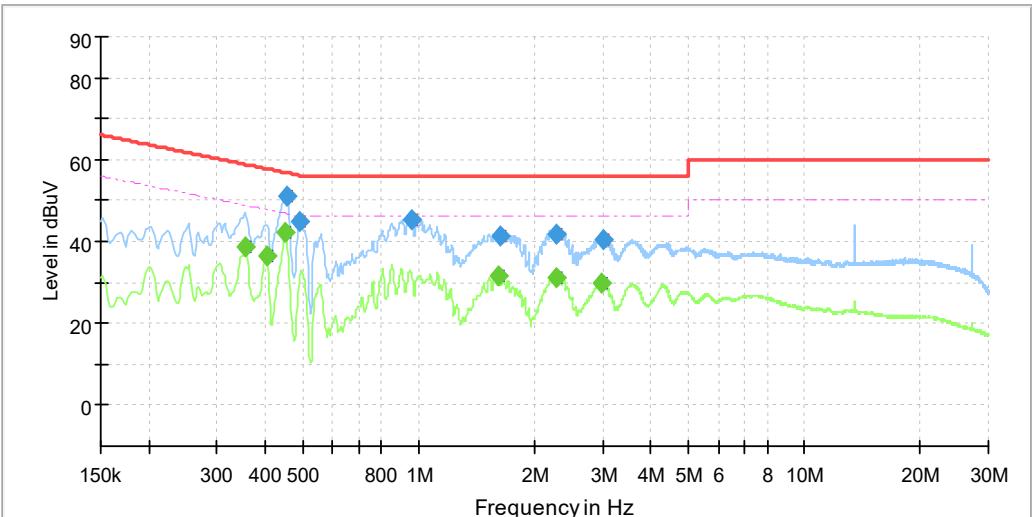
Note: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

##### 3.1.3 TEST SETUP



### 3.1.4 TEST RESULTS

CONDUCTED WORST-CASE DATA:

<b>Test Mode</b>	See section 2.3		<b>Frequency Range</b>	150kHz ~ 30MHz			
<b>Test Voltage</b>	See section 2.3		<b>PHASE</b>	Line (L)			
<b>Environmental Conditions</b>	24.7deg. C, 52% RH		<b>Tested By</b>	Zhou Ye			
							
NO	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.Factor (dB)
1	0.355	---	38.6	48.9	10.3	L	10.2
2	0.404	---	36.3	47.8	11.5	L	10.2
3	0.452	---	42.0	46.8	4.9	L	10.2
4	0.454	51.1	---	56.8	5.7	L	10.2
5	0.492	45.0	---	56.1	11.1	L	10.2
6	0.965	45.5	---	56.0	10.5	L	10.3
7	1.615	---	31.5	46.0	14.5	L	10.3
8	1.628	41.2	---	56.0	14.8	L	10.3
9	2.283	---	31.2	46.0	14.8	L	10.3
10	2.288	41.9	---	56.0	14.1	L	10.3
11	2.978	---	29.8	46.0	16.2	L	10.3
12	3.003	40.4	---	56.0	15.6	L	10.4
Remark: The emission levels of other frequencies were very low against the limit.							

<b>Test Mode</b>	See section 2.3	<b>Frequency Range</b>	150kHz ~ 30MHz
<b>Test Voltage</b>	See section 2.3	<b>PHASE</b>	Line (N)
<b>Environmental Conditions</b>	24.7deg. C, 52% RH	<b>Tested By</b>	Zhou Ye

NO	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.Factor (dB)
1	0.368	---	40.7	48.5	7.8	N	10.2
2	<b>0.456</b>	---	<b>45.0</b>	<b>46.8</b>	<b>1.7</b>	<b>N</b>	<b>10.2</b>
3	0.461	50.8	---	56.7	5.9	N	10.2
4	0.866	---	36.7	46.0	9.3	N	10.3
5	0.947	44.2	---	56.0	11.8	N	10.3
6	1.016	44.3	---	56.0	11.7	N	10.3
7	1.642	41.1	---	56.0	14.9	N	10.3
8	1.644	---	33.7	46.0	12.3	N	10.3
9	2.279	40.4	---	56.0	15.6	N	10.3
10	2.294	---	31.4	46.0	14.6	N	10.3
11	3.003	38.8	---	56.0	17.2	N	10.4
12	3.023	---	30.7	46.0	15.3	N	10.4

Remark: The emission levels of other frequencies were very low against the limit.



## 3.2 RADIATED EMISSION

### 3.2.1 LIMITS OF RADIATED EMISSION

#### TEST STANDARD:

FCC Part 15, Subpart B (Section: 15.109), for above 1GHz(section 3.2.2 Table 4)

FCC Part 15, Subpart B

Frequency (MHz)	Distance (m)	Class A (dBuV)	Class B (dBuV)
30 - 88	3	QP: 49.5	QP: 40
88 - 216	3	QP: 54	QP: 43.5
216 - 960	3	QP: 56.9	QP: 46
960-1000	3	QP: 60	QP: 54
Above 1000	3	Avg: 60 Peak: 80	Avg: 54 Peak: 74

NOTE: 1. The lower limit shall apply at the transition frequencies.  
NOTE: 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).  
NOTE: 3. All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

### 3.2.2 TEST PROCEDURES

The basic test procedure was in accordance with ANSI C63.4:2014 (section 12).

#### 1. From 30 MHz to 1GHz test procedure as below:

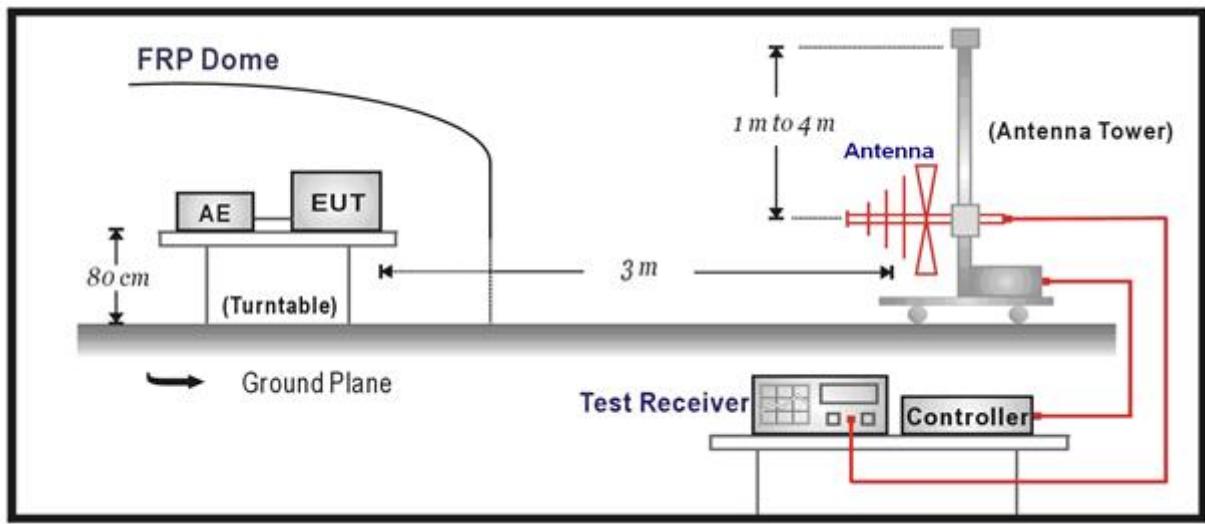
- 1) The radiated emissions were tested in a semi-anechoic chamber.
- 2) The Product was placed on the non-conductive turntable 0.1 m above the ground at a chamber.
- 3) Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- 4) For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

#### 2. Above 1GHz test procedure as below:

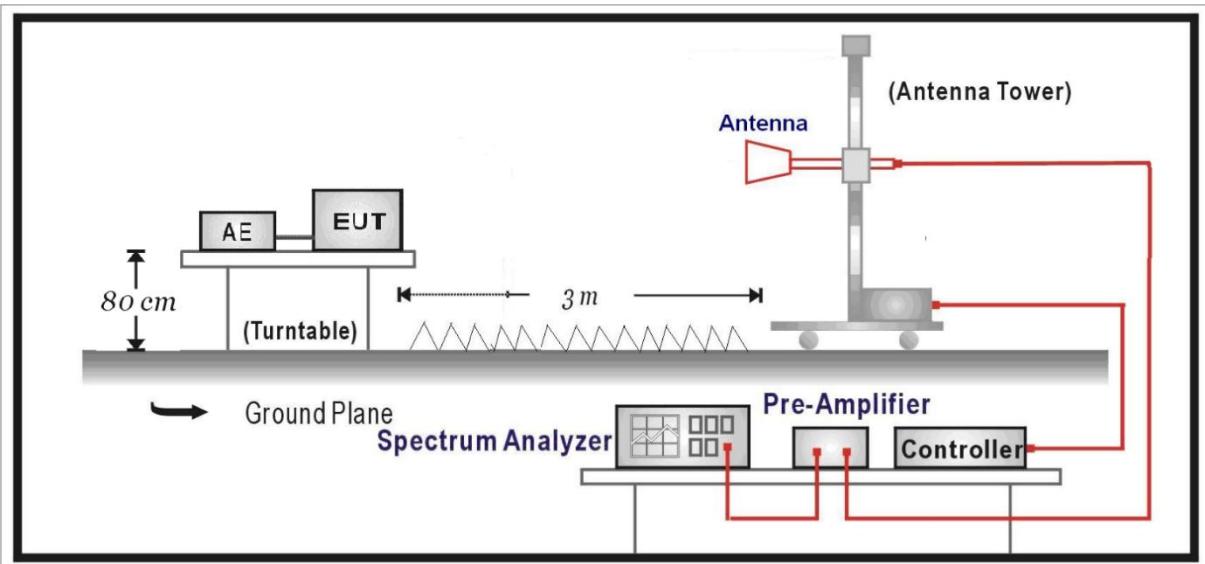
- 1) The radiated emissions were tested in a fully Anechoic Chamber.
- 2) Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 1MHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- 3) For each frequency whose maximum record was higher or close to limit, measure its AV value: rotate the turntable from 0 to 360 degrees to find the degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to AV value and specified bandwidth with Maximum Hold Mode, and record the maximum value.

### 3.2.3 TEST SETUP

Below 1GHz Test Setup:



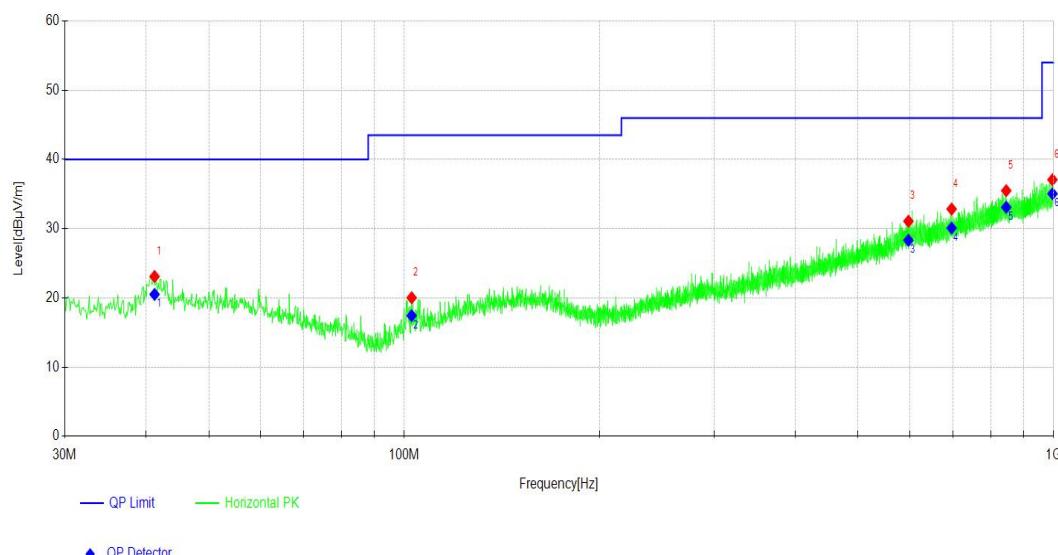
Above 1GHz Test Setup:



### 3.2.4 TEST RESULTS (Below 1GHz)

Test Mode:	See section 2.3	Frequency Range	30-1000MHz
Test Voltage	See section 2.3	Detector Function	Quasi-Peak
Environmental Conditions	25.1deg. C, 54% RH	Tested By	Zhou Ye

#### Horizontal



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]
1	41.253	3.50	19.59	23.09	40.00	16.91	100	80
2	102.660	4.05	15.97	20.02	43.50	23.48	100	282
3	597.701	3.64	27.44	31.08	46.00	14.92	100	235
4	696.651	4.02	28.82	32.84	46.00	13.16	100	295
5	<b>845.464</b>	<b>4.60</b>	<b>30.89</b>	<b>35.49</b>	<b>46.00</b>	<b>10.51</b>	<b>100</b>	<b>277</b>
6	996.411	4.42	32.66	37.08	54.00	16.92	100	84

Remark: 1. 9KHz~30MHz have been test and test data more than 20dB margin.

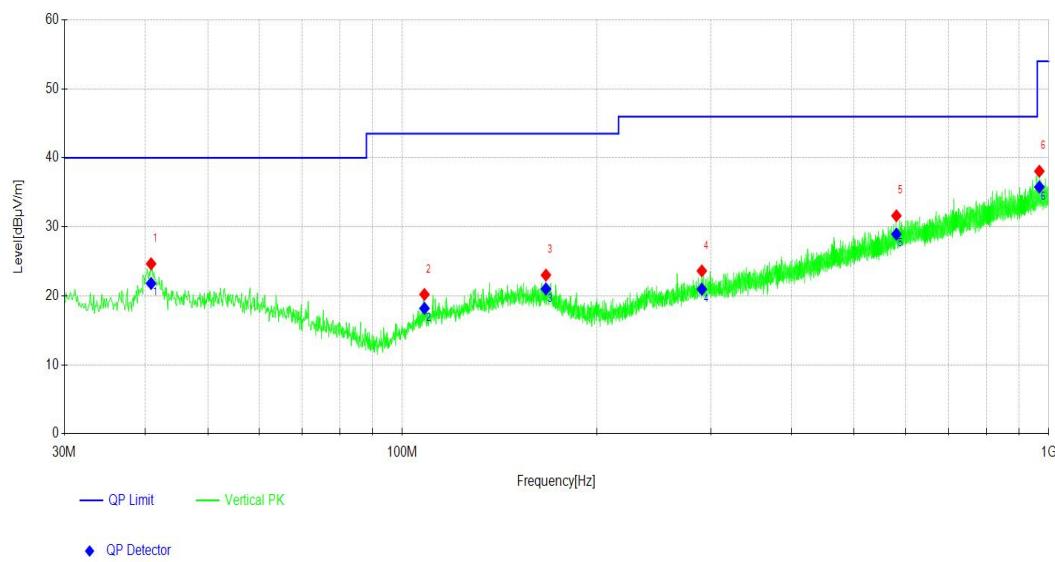
2. The emission levels of other frequencies were greater than 20dB margin.

3. Level (dB $\mu$ V/m) = Reading (dB $\mu$ V/m) + Factor (dB).

4. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).

5. Margin(dB) = Limit[dB $\mu$ V/m] - Level [dB $\mu$ V/m]

Test Mode:	See section 2.3	Frequency Range	30-1000MHz
Test Voltage	See section 2.3	Detector Function	Quasi-Peak
Environmental Conditions	25.1deg. C, 54% RH	Tested By	Zhou Ye

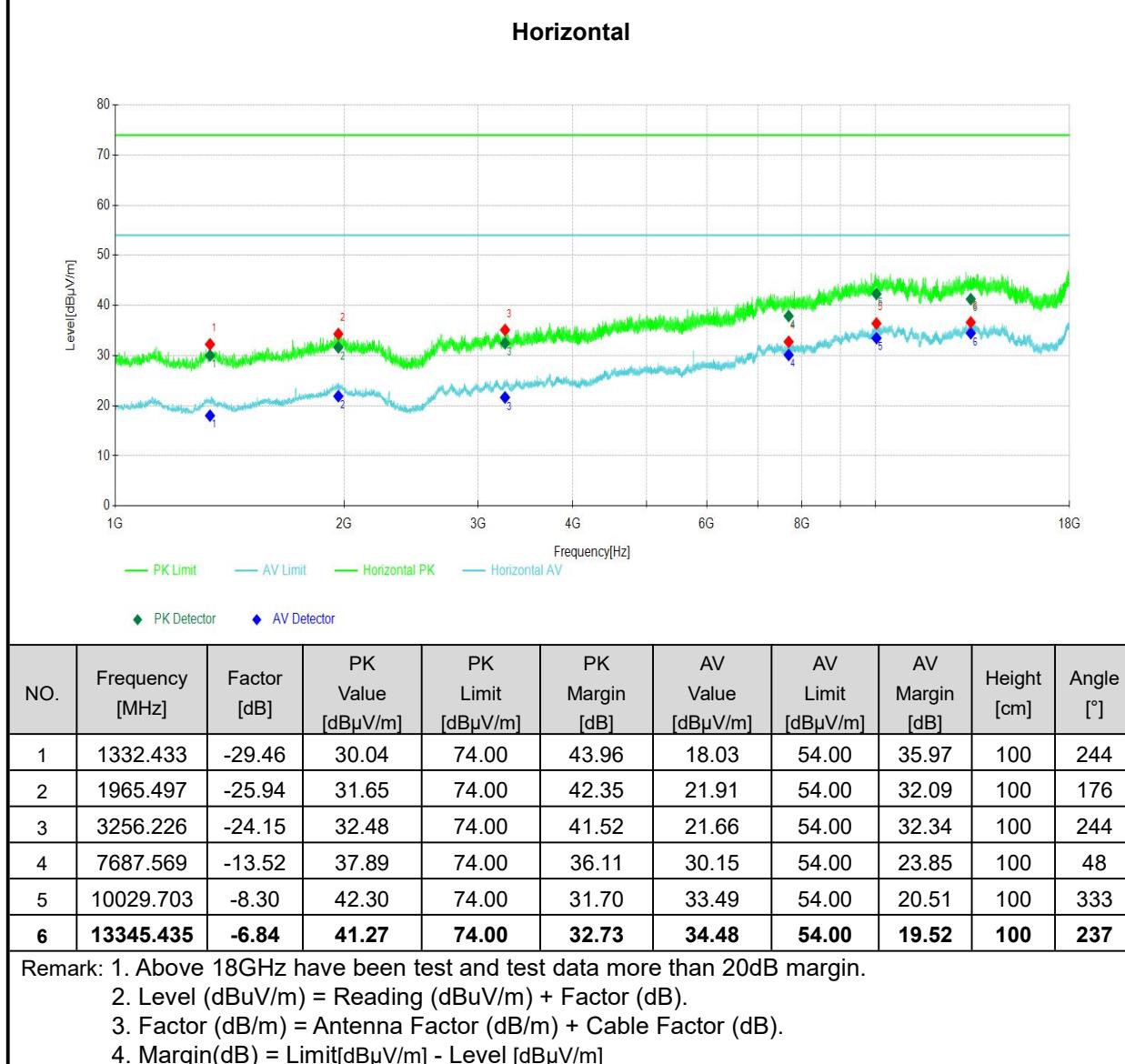
**Vertical**


NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Factor [dB]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]
1	40.865	5.14	19.51	24.65	40.00	15.35	100	130
2	108.190	3.34	16.86	20.20	43.50	23.30	100	329
3	166.784	3.03	19.98	23.01	43.50	20.49	100	195
4	290.568	3.03	20.59	23.62	46.00	22.38	100	324
5	581.112	4.64	26.97	31.61	46.00	14.39	100	277
6	966.920	5.45	32.62	38.07	54.00	15.93	100	182

Remark: 1. 9KHz~30MHz have been test and test data more than 20dB margin.  
2. The emission levels of other frequencies were greater than 20dB margin.  
3. Level (dB $\mu$ V/m) = Reading (dB $\mu$ V/m) + Factor (dB).  
4. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).  
5. Margin(dB) = Limit[dB $\mu$ V/m] - Level [dB $\mu$ V/m]

### 3.2.5 TEST RESULTS (Above 1GHz)

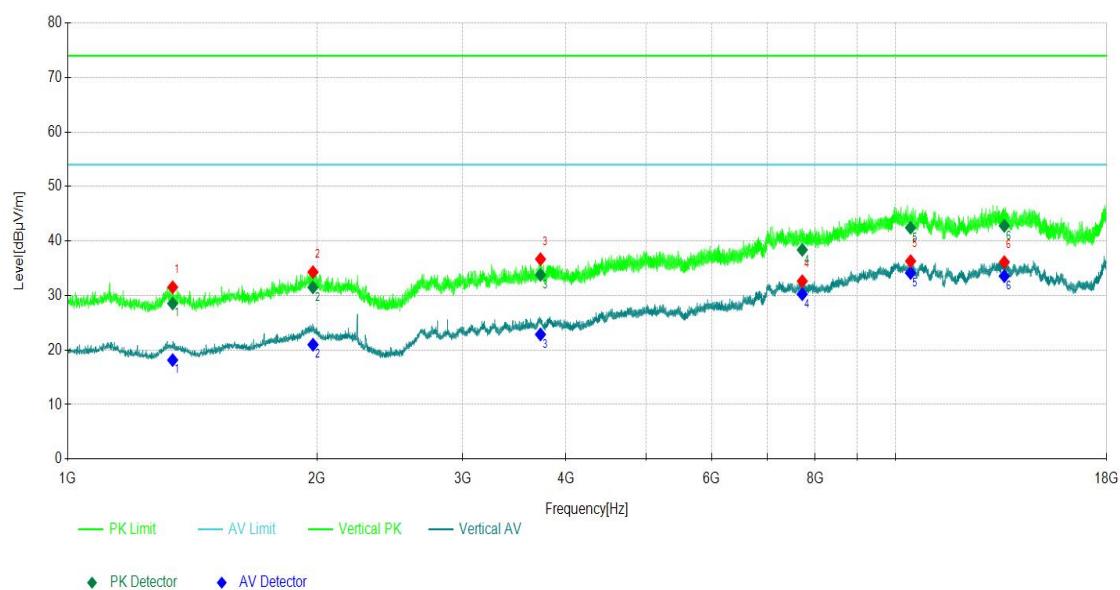
<b>Test Mode</b>	See section 2.3	<b>Frequency Range</b>	Above 1GHz
<b>Test Voltage</b>	See section 2.3	<b>Detector Function</b>	PK/AV
<b>Environmental Conditions</b>	25.1deg. C, 54% RH	<b>Tested By</b>	Zhou Ye





<b>Test Mode</b>	See section 2.3	<b>Frequency Range</b>	Above 1GHz
<b>Test Voltage</b>	See section 2.3	<b>Detector Function</b>	PK/AV
<b>Environmental Conditions</b>	25.1deg. C, 54% RH	<b>Tested By</b>	Zhou Ye

## Vertical



NO.	Frequency [MHz]	Factor [dB]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]
1	1339.034	-29.51	28.54	74.00	45.46	18.16	54.00	35.84	100	3
2	1978.698	-25.95	31.50	74.00	42.50	20.99	54.00	33.01	100	2
3	3726.073	-23.12	33.79	74.00	40.21	22.87	54.00	31.13	100	70
4	7718.372	-13.46	38.39	74.00	35.61	30.25	54.00	23.75	100	54
5	10432.343	-8.36	42.44	74.00	31.56	34.14	54.00	19.86	100	243
6	13541.254	-6.49	42.79	74.00	31.21	33.57	54.00	20.43	100	2

Remark: 1. Above 18GHz have been test and test data more than 20dB margin.

2. Level (dB $\mu$ V/m) = Reading (dB $\mu$ V/m) + Factor (dB).

3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).

4. Margin(dB) = Limit[dB $\mu$ V/m] - Level [dB $\mu$ V/m]



## 4. PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (Test Photos).



## 5. PHOTOGRAPHS OF THE EUT

Please refer to the attached file (External Photos and Internal Photos).

----- End of the Report -----



## Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

Address: No. 1301-14&16, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua District, Shenzhen, Guangdong, China

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<http://www.cvc.org.cn>