

Report No.:18230EC20201201 Page 1 of 21

Report **EMC Test**

RAYTALK COMMUNICATIONS LTD **Client Name**

3rd Floor, Building C, Kemron Science

& Technology Park, Guansheng 5th Road, **Client Address**

Longhua District, Shenzhen, China, 518110

Product Name Aviation Headset

Report Date Aug. 23, 2022

Shenzhen Anbotek Compliance Laboratory Limited

Anbotek

Compliance Laborator







Report No.:18230EC20201201

Page 2 of 21

Contents

| 1. General Information | | | |
|---|---------------------------------------|--|------------|
| 1.1. Client Information | | mbores Anb | |
| Description of Device (EUT) 1.3. Auxiliary Equipment Used During Test | Vun. | | 4 |
| 1.3. Auxiliary Equipment Used During Test | · · · · · · · · · · · · · · · · · · · | | anbore Ani |
| 1.4. Description of Test Mode | wak was a way one. | Wun. | logiek |
| 1.4. Description of Test Mode | | Willow. | 5 |
| 1.6 Test Equipment List | | | VILLE. |
| 1.7. Description of Test Facility | Music Aug | | |
| 1.7. Description of Test Facility 1.8. EMS Performance Criteria | Aiodek | 400 | wek who we |
| Radiated Emission Test | Ney- | vupo, b. | 30 |
| 2.1. Test Standard and Limit | | looter | 8 |
| 2.2 Test Setup | | | Vupo, V |
| 2.3. EUT Configuration on Measurement 2.4. Operating Condition of EUT | wotek Anbore | | 8 |
| 2.4. Operating Condition of EUT | | And | 9 |
| 2.5. Test Procedure | | watek Anbor | 9 |
| 2.6. Test Results | | | ote |
| 2.6. Test Results 3. Electrostatic Discharge Immunity Test | Napole. | Anu | |
| 3.1. Test Standard and Level | | ************************************** | 12 |
| 3.2. Test Setup | | Hupo _{te} . | 12 |
| 3.3. EUT Configuration on Measurement | Pose. Pur | | 12 |
| 3.4. Operating Condition of EUT | Anbotek Anbo | | 12 |
| 3.5. Test Procedure | | oote An- | 13 |
| 3.6. Test Results | | Mbotek Anb | 13 |
| RF Field Strength Susceptibility Test 4.1. Test Standard and Level | Anbo | | 15 |
| 4.1. Test Standard and Level | ek "nbore | | 15 |
| 4.2. Test Setup | | Anb | 19 |
| 4.3. EUT Configuration on Measurement4.4. Operating Condition of EUT | | yk "Upo, " | 16 |
| 4.4. Operating Condition of EUT | Anhors Am | | 16 |
| 4.5. Test Procedure4.6. Measuring Results | | | 16 |
| 4.6. Measuring Results | tek | Npo. Air | 16 |
| APPENDIX I TEST SETUP PHOTOGRAPH | <u>yo</u> y | Mipole, Vi | 18 |
| APPENDIX II EXTERNAL PHOTOGRAPH | And | , otek | 20 |





Report No.:18230EC20201201 Page 3 of 21

TEST REPORT

Applicant : RAYTALK COMMUNICATIONS LTD

Manufacturer : RAYTALK COMMUNICATIONS LTD

Product Name : Aviation Headset

Model No. : PH-100AO-GA/PNR, PH-100A-GA/PNR, PH-100M-GA/PNR,

PH-100A-GA/ANR, PH-100M-GA/ANR, PH-100A-H/PNR, PH-100M-H/PNR,

PH-100L-H, PH-100L-PJ055, PH-100A-H/ANR, PH-100M-H/ANR,

PH-400A-GA/PNR, PH-400A-GA/ANR, PH-400A-H/PNR, PH-500A-GA/PNR,

PH-200A-PJ051/PNR, PH-100AK-GA/PNR, PH-HM100-GA/PNR, PH-HM200Q-GA/PNR, PH-HM300Q-GA/PNR, PH-HM400Q-GA/PNR

Trade Mark : N.A.

Rating(s) : N.A.

Test Standard(s) : BS BS EN 55032: 2015+A11: 2020;

BS BS EN 55035: 2017+A11: 2020; (IEC 61000-4-2; IEC 61000-4-3)

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the BS EN 55032, BS EN 55035 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

| Date of Receipt: | | | Aug. 12, 2022 | | |
|-----------------------|-------------|-------------|--------------------|-----------|-----------|
| Date of Test: | | | Aug. 12~Aug. 22, 2 | 2022 | |
| | | | Yee Huand | Anbotek | |
| Reviewer: | stek nbotek | Anbore A | rek supo, | Anbo | K |
| | | | (Yee Huang) | | |
| | | | (ingkong)i | notes And | |
| Approved & Authorized | l Signer: _ | Aupoter Aup | ((())) | -84 | An abotek |





Report No.:18230EC20201201 Page 4 of 21

1. General Information

1.1. Client Information

| -V 20 | _ | h. No. No. |
|--------------|---|--|
| Applicant | : | RAYTALK COMMUNICATIONS LTD |
| Address | : | 3rd Floor, Building C, Kemron Science & Technology Park, Guansheng 5th Road, Longhua District, Shenzhen, China, 518110 |
| Manufacturer | : | RAYTALK COMMUNICATIONS LTD |
| Address | : | 3rd Floor, Building C, Kemron Science & Technology Park, Guansheng 5th Road, Longhua District, Shenzhen, China, 518110 |
| Factory | : | RAYTALK COMMUNICATIONS LTD |
| Address | : | 3rd Floor, Building C, Kemron Science & Technology Park, Guansheng 5th Road, Longhua District, Shenzhen, China, 518110 |

1.2. Description of Device (EUT)

| Product Name | : | Aviation Headset |
|---------------------|---|--|
| Model No. | : | PH-100AO-GA/PNR, PH-100A-GA/PNR, PH-100M-GA/PNR, PH-100A-GA/ANR, PH-100M-GA/ANR, PH-100A-H/PNR, PH-100L-H, PH-100L-PJ055, PH-100A-H/ANR, PH-100M-H/ANR, PH-400A-GA/PNR, PH-400A-GA/PNR, PH-400A-H/PNR, PH-500A-GA/PNR, PH-200A-PJ051/PNR, PH-100AK-GA/PNR, PH-HM100-GA/PNR, PH-HM200Q-GA/PNR, PH-HM300Q-GA/PNR, PH-HM400Q-GA/PNR (Note: All samples are the same except the model number & appearance, so we prepare "PH-100AO-GA/PNR" for test only.) |
| Trade Mark | : | N.A. And Andrek Anbotek Anbotek Anbotek Anbotek |
| Test Power Supply | | N/A |
| Test Sample No. | | 1-1-1 botek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek |
| Product Description | : | Adapter: N/A |

Remark: (1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

1.3. Auxiliary Equipment Used During Test

| | - 14 | La U · La | 25.60 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 100 |
|-------------|------|--|-------|---------------------------------------|---------|-------|
| MacBook Air | : | Model: A1466 | Aupo. | Ar. hotek | Anbore. | Ano |
| | | Input: 14.85V/3.05A | | | | Vupo. |
| | | CMIIT ID:C02HXB48DRVC | | | | 20 |

Shenzhen Anbotek Compliance Laboratory Limited

Code:AB-EMC-02-c





Report No.:18230EC20201201 Page 5 of 21

1.4. Description of Test Mode

| Pretest Mode | | Description | | |
|--------------|-----------|------------------|------------|---------|
| Mode 1 | boten And | Anbotek On Anbot | An. abotek | Anboten |

For Mode 1 Block Diagram of Test Setup



1.5. Test Summary

| Test Items | Test Mode | Status |
|--|-----------------|------------------------|
| Power Line Conducted Emission Test (150KHz To 30MHz) | Anbore An | botek N Anbotek |
| Radiated Emission Test (30MHz To 1000MHz) | Mode 1 | Anbotes P |
| Electrostatic Discharge immunity Test | Mode 1 | And Pek |
| RF Field Strength susceptibility Test | Mode 1 | ek IP ^{botek} |
| Electrical Fast Transient/Burst Immunity Test | Anbotek An | botek N Anbot |
| Surge Immunity Test | Anbotek | Anbotek An |
| Injected Currents Susceptibility Test | botek / Anbotek | N N N |
| Magnetic Field Susceptibility Test | Anbotek Anbot | otek Nanbotek |
| Voltage Dips and Interruptions Test | Anbox | Anborek N Anbor |
| P) Indicates "PASS". N) Indicates "Not applicable". | tek Anbotek | Anboys, Au |







Page 6 of 21 Report No.:18230EC20201201

1.6. Test Equipment List

Radiated Emission Measurement

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|----------------------------|--------------------|-----------|------------|---------------|---------------|
| | EMI Test Receiver | Rohde & Schwarz | ESCI | 100627 | Oct. 22, 2021 | 1 Year |
| 2. | Pre-amplifier | Schwarzbeck | BBV-9745 | 9745-075 | Oct. 22, 2021 | 1 Year |
| 3. | Bilog Broadband Antenna | SCHWARZBECK | VULB 9163 | 01109 | Oct. 22, 2021 | 2 Year |
| 4,00 | Software Name EZ-EMC | Ferrari Technology | EMEC-3A1 | N/A M | N/A | N/A |

Electrostatic Discharge Measurement

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-------|----------------|--------------|------------|------------|---------------|---------------|
| 1.,,, | ESD Simulators | emtest | ESD NX30.1 | 11936 | Mar. 25, 2022 | 1 Year |

R/S Immunity Measurement

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-------------------|-------------------------|-------------------------|-----------------------|----------------|---------------|---------------|
| 1. | Signal Generator | Agilent | N5182A | MY4818065 6 | Oct. 22, 2021 | 1 Year |
| 2,ek | Amplifier | Micotoop | MPA-80-100 0-250 | MPA190309 6 | Oct. 22, 2021 | 1 Year |
| 3. ¹⁰⁰ | Amplifier | Micotoop | MPA-1000-6 000-100 | MPA190312 2 | Oct. 22, 2021 | 1 Year |
| 4. | Log-Periodic Antenna | Schwarzbeck | VULP9118E | 00992 | N/A | N/A |
| 5. | Horn Antenna | Instruments corporation | GTH-0118 | 351600 | Oct. 22, 2021 | 2 Year |
| 6.0 | Power Sensor | Agilent | E9301A | MY4149890 6 | Oct. 22, 2021 | 1 Year |
| 7. ^{Ain} | Power Sensor | Agilent | E9301A | MY4149808 8 | Oct. 22, 2021 | 1 Year |
| 8. | Power Meter | Agilent | E4419B | GB4020290 9 | Oct. 22, 2021 | 1 Year |
| 9. | Electric field Probe | Narda | EP 601 | 811ZX10351 | Oct. 22, 2021 | 1 Year |
| 10. | RS Test software | EMtrace | EM 3 | V1.1.7 | N/A | N/A |





Report No.:18230EC20201201 Page 7 of 21

1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128

1.8. EMS Performance Criteria

- $\sqrt{}$ A: Normal performance within the specification limits
- $\sqrt{}$ B: Temporary degradation or loss of function or performance which is self-recoverable
- √ C: Temporary degradation or loss of function or performance which requires operator intervention or system reset
- $\sqrt{}$ D: Degradation or loss of function which is not recoverable due to damage of equipment (components) or software, or loss of data

Note: The manufacturer's specification may define effects on the EUT which may be considered insignificant, and therefore acceptable.

This classification may be used as a guide in formulating performance criteria, by committees responsible for generic, product and product-family standards, or as a framework for the agreement on performance criteria between the manufacturer and the purchaser, for example where no suitable generic, product or product-family standard exists.







Report No.:18230EC20201201 Page 8 of 21

2. Radiated Emission Test

2.1. Test Standard and Limit

| Test Standard | BS EN 55032 | | | | | |
|---------------|-------------|--|--|--|--|--|
|---------------|-------------|--|--|--|--|--|

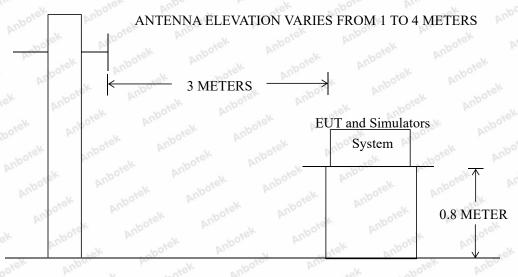
Radiated Emission Test Limit

| Test Limit | Frequency (MHz) | DISTANCE (Meters) | FIELD STRENGTHS LIMIT (dBμV/m) | |
|------------|--------------------|----------------------|--------------------------------------|--|
| | 30 ~ 230 | Anbotel 3 Anbo | abor 40 Ambor | |
| | 230 ~ 1000 | ek abo'3k Anbo's | 47× Anbor | |

Remark: (1)The smaller limit shall apply at the combination point between two frequency bands.

- (2) Distancer efers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT.
- (3) 3M Limit=10M Limit+k k=20log(D1/D2)=10 3M Limit=10M Limit +10 (D1 = 10M)D2=3M)

2.2. Test Setup



GROUND PLANE

2.3. EUT Configuration on Measurement

The BS EN 55032 regulations test method must be used to find the maximum emission during radiated emission measurement.







Report No.:18230EC20201201 Page 9 of 21

2.4. Operating Condition of EUT

- 2.4.1. Setup the EUT as shown in Section 2.2.
- 2.4.2. Turn on the power of all equipments.
- 2.4.3. Let the EUT work in test mode and measure it.

2.5. Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Bilog antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the Receiver (ESCI) is set at 120kHz.

The EUT is tested in 9*6*6 Chamber.

The test results are listed in Section 2.6.

2.6. Test Results

PASS

The frequency range from 30MHz to 1000MHz is investigated.

The test curves are shown in the following pages.





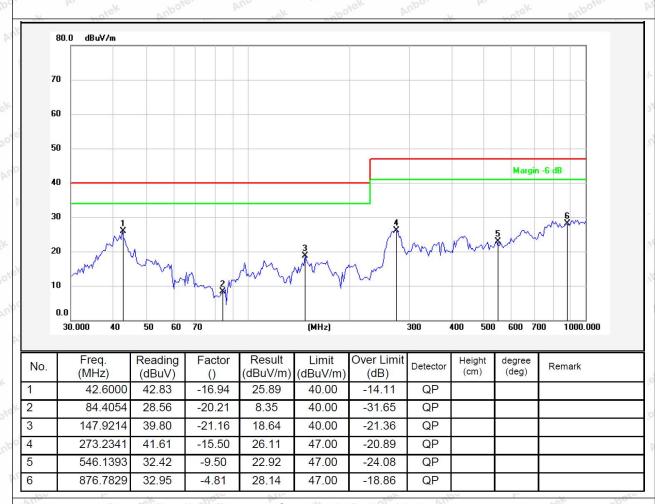


Report No.:18230EC20201201 Page 10 of 21

Test item: **Radiation Test** Polarization: Horizontal

(RE)BS EN 55032 Standard: **Power Source:** N/A

23.3(Distance: Temp.(°C)/Hum.(%RH): ℃)/52%RH 3m



Note: Result=Reading+Factor **Over Limit=Result-Limit**



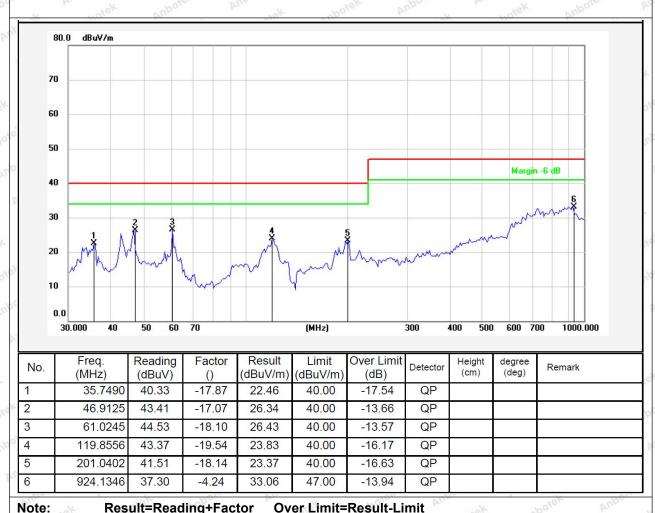


Report No.:18230EC20201201 Page 11 of 21

Test item: **Radiation Test** Polarization: Vertical

(RE)BS EN 55032 Standard: **Power Source:** N/A

Distance: Temp.(°C)/Hum.(%RH): 23.3(℃)/52%RH 3m



Result=Reading+Factor **Over Limit=Result-Limit**





Report No.:18230EC20201201 Page 12 of 21

3. Electrostatic Discharge Immunity Test

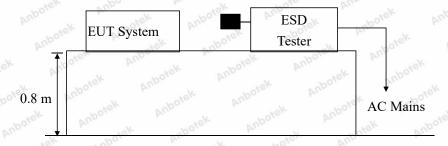
3.1. Test Standard and Level

| Test Standard: | BS E | BS EN 55035 (IEC 61000-4-2) | | | Anbotek | Aupo. |
|---|------|-----------------------------|-------|---------|---------|-------|
| Performance Criterion: | В | Anbotek | Anbor | Andorek | Anboten | Anbo |
| Severity Level: 3 / Air Discharge: ±8kV, Level: 2 / Contact Discharge: ±4kV | | | | | | |

Test Level

| | Level | Test Voltage | Test Voltage Air Discharge (kV) | | |
|---|------------------|------------------------------|------------------------------------|--|--|
| | Level | Contact Discharge (kV) | | | |
| 2 | ak 1 Dotek | Anboret And Sorat2 Anborek A | to tek hotek ±2 Anbote And | | |
| 2 | otek 2. nbotek | Ambore And total | Anborek Anborek +4 Anbore | | |
| 5 | otek 3. Anbote | Anborek ±6 tek Anborek | Ambounded Ambounded | | |
| | Ant hotel 4. Anb | tek +8 upotek Aupotek | ±15 | | |
| | X. | Special | Special | | |

3.2. Test Setup



3.3. EUT Configuration on Measurement

The following equipments are installed on electrostatic discharge immunity measurement to meet BS EN 55035 requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

3.4. Operating Condition of EUT

- 3.4.1. Setup the EUT as shown on Section 3.2.
- 3.4.2. Turn on the power of all equipments.
- 3.4.3. After that, let the EUT work in test mode measure it.





Report No.:18230EC20201201 Page 13 of 21

3.5. Test Procedure

3.5.1. Air Discharge:

This test is done on a non-conductive surface. The round discharge tip of the discharge electrode shall be approached as fast as possible to touch the EUT. After each discharge, the discharge electrode shall be removed from the EUT. The generator is then re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. This procedure shall be repeated until all the air discharge completed

3.5.2. Contact Discharge:

All the procedure shall be same as Section 3.5.1. except that the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

3.5.3. Indirect discharge for horizontal coupling plane

At least 20 single discharges shall be applied to the horizontal coupling plane, at points on each side of the EUT. The discharge electrode positions vertically at a distance of 0.1m from the EUT and with the discharge electrode touching the coupling plane.

3.5.4. Indirect discharge for vertical coupling plane

At least 20 single discharge shall be applied to the center of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m × 0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges shall be applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.

3.6. Test Results

PASS

Please refer to the following page.





Report No.:18230EC20201201 Page 14 of 21

Electrostatic Discharge Test Results

| | | vo' | | | 10,0 | |
|---------------------------|----------------------|-------------|--------------------|----------|-------------|-----------|
| Air discharge : | ±8.0kV | otek Anbo | Temperature : | ek An | 22℃ | Anbotek |
| Contact discharge : | ±4.0kV | inbotek A | Humidity : | ootek | 50% | Anbote |
| Power Supply : | N/A | Anbotek | Expert conclusion | on:otek | A Anbore | tek And |
| Number of discharge : | 10 | Anbore | Test Result: | Anbot | ⊠ Pass | Fail |
| Anbotek Anbotek | Anbotek Anbote | itek Anto | tek Anbotek | k Vul | obotek | Anbotek |
| Anbor Air | "poles Vup | | Kind | | Wek. | abole |
| hotek Anbor | anation stek | upotek hu | | rac | Anbor Bos | pa- |
| And ok hore | ocation | rek | A-Air Discha | - 1/4 | Result | |
| K Mpore, Aug | ok hotek | Aupo. | C-Contact Disc | charge | Ann | . 10 |
| week anbrew | YUR PUR | spotek | Anbo | - Oto | ✓A | □B An |
| AUX IN Port | 4 poi | nts | O ^{stodo} | AUD | . C | □ D |
| niek Anboter A | up Potek | Pupo, | N. Stek | anb | 01, 10 | 150 |
| AUX OUT Port | 4 poi | nts 30 | ek Aupole | V | ✓A | □В |
| aboten And | Lotek Anbo | b2. | tek abote | 1 | upo □ C | D D rek |
| Ar Anbote | Vun Volk | botek Ani | 00. | Nek | ✓A | □В |
| Metal | 4 poi | nts | abotek C Anbore | V- | □С | □ Diupor |
| K Vupage, Mun | ek botek | Yupo. | A Andrew | upote | ✓A | NDB and |
| Knob | 4 poi | nts | | | | |
| oter And | Potek Pupo, | NI. | V poter. | AUD | □С | □ D |
| Slot | 4 poi | nte Anbo | kek Ant Aek Ar | Anbe | ✓A | □В |
| noiot hotek | Anbor Art po | ek upote | ote. Aur. | | hotek D C | □D |
| Vupose Vin | aborek Anbe | V 10 | otek Anbore | P | ØA | □ Boten |
| HCP | 4 po | nts | oter And | rek | Ambo, □ C | D word |
| Au Tek Upotek | 1400 | wotel. | Anbore Ans | rek | | □В |
| VCP of the front | 4 poi | nts | abotek C Anbo. | | | |
| tek abotek Anbo | -k worek | Anbore | VII. | " upoten | ΩС | □ D |
| VCP of the rear | 4 points | nte sbotek | Anbo C | by. | ✓A | □В |
| VOI OI IIIO IOGI | hotek Anbolo | IIIO AII | k anboten | Anbo | □C | \Box D |
| anbore Anbore | Arm botek A | Anbo | k ovek | 65 | Voge | B |
| VCP of the left | 4 po | nts | ofer PiC | -No. | otel C | □ D |
| Anbore An | opoton Mul | -V- | Potek Pupo | | ✓A | □ B∩bores |
| VCP of the right | 4 poi | nts | me C | botek | Arrib □ C | |
| Ar. otek Anboti | AND | -botok | bupo, by | Yek | Vupole, | AUD |
| | otek Anbore | Arrabotek | | Anbe | | |
| botek Anbotek | Anbotek Anbote | k Wupotsk | Anbotek | Anbo | ootek A | nbotek |
| Remark: Discharge shou | uld be considered or | Contact and | Air and Horizon | ntal Cou | pling Plane | (HCP) |
| and Vertical Coupling Pla | | O. Vin | | S.c. | Anb | Lotek |
| and vertical coupling Fla | iic (voi). | | | | | |

Shenzhen Anbotek Compliance Laboratory Limited





Report No.:18230EC20201201 Page 15 of 21

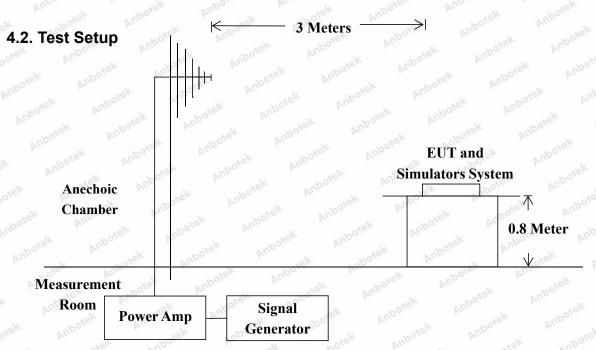
4. RF Field Strength Susceptibility Test

4.1. Test Standard and Level

| AD 10 10 10 10 10 10 10 10 10 10 10 10 10 |
|--|
| BS EN 55035 (IEC 61000-4-3) |
| A Anborek Anborek Anborek Anborek Anborek |
| 80MHz to 1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz |
| 3 V/m Anborek Anborek Anborek Anborek |
| 1kHz Sine Wave, 80%, AM Modulation |
| 1 % of preceding frequency value |
| Horizontal and Vertical |
| 3 m Annotek Anbotek Anbotek Anbotek Anbotek |
| 1.5 m Anborek Anborek Anborek Anborek Anborek |
| at least 0.5s |
| |

Test Level

| | Laval | Field Strength V/m | | | | |
|---|------------------------|-----------------------------------|--|--|--|--|
| | Level | | | | | |
| 1 | Ant hotek 1. Anbotek A | hotek Anbotek Anbotek Anbotek Ant | | | | |
| 1 | Anhorek | Anbotek Anbotek Anbotek Anbotek | | | | |
| | Anborek Anborek | And Sotek Anbotek Anbotek Anbotek | | | | |
| | Anborek X.botek Anbore | Special Special | | | | |



Shenzhen Anbotek Compliance Laboratory Limited





Report No.:18230EC20201201 Page 16 of 21

4.3. EUT Configuration on Measurement

The following equipments are installed on RF Field Strength susceptibility Measurement to meet BS EN 55035 requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

4.4. Operating Condition of EUT

- 4.4.1. Setup the EUT as shown on Section 4.2.
- 4.4.2. Turn on the power of all equipments.
- 4.4.3. After that, let the EUT work in test mode measure it.

4.5. Test Procedure

The EUT and support equipment, which are placed on a table that is 0.8 meter above ground and the testing was performed in a fully-anechoic chamber. The testing distance from antenna to the EUT was 3 meters.

- 80 MHz to 1000 MHz the field strength level was 3V/m, 1800MHz, 2600MHz, 3500MHz, 5000MHz the field strength level was 3V/m.
- The frequency range is swept from 80 MHz to 1000 MHz with the signal 80% amplitude modulated with a 1kHz sine wave.
- 3) The frequency range is swept from 1800MHz, 2600MHz, 3500MHz, 5000MHz with the signal 80% amplitude modulated with a 1kHz sine wave.
- 4) The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond, but shall in no case be less than 0.5s.
- 5) The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.

4.6. Measuring Results

PASS

Please refer to the following page.





Report No.:18230EC20201201 Page 17 of 21

RF Field Strength Susceptibility Test Results

| Field Strength : | 3V/m | Temperature : | 22.8℃ |
|--------------------|------------|---------------|-----------------|
| Expert conclusion: | A Mark | Humidity: | 49% |
| Power Supply : | N/A | Test Result : | ⊠ Pass □ Fail |
| Dwell Time: | 1s Anborek | Anbote, And | Anbotek Anbot A |

| 101 | Frequency Range | Antenna Polarity | R.F. Field Strength | Azimuth | Result |
|-----|-----------------|------------------|------------------------|----------------|-----------------|
| ,n | botek Anbotek | Anbotek Ar | Anbotek Anbotek | Front | tek Anbotek |
| | 80MHz~1000MHz | H/V | 3 V/m (rms) | Rear | ØA □B |
| 4 | Anbotek Anb | otek H/V | 10 m | Left | DC D |
| *6 | Ant abotek | inbotek Anbotek | sk aupotek Aup | Right | Anbotek Anbote |
| 2, | 1800MHz | Anbore. Anb | botek Anbotek A | Front | Anbores An |
| U | 2600MHz | Anbotek An | Anbotek | Rear | ⊠A □B |
| | 3500MHz | lek spotek | 3 V/m (rms) | Left | |
| | 3000Wii 12 | notek Anboten | VII. | Right | Anbore Anbore |
| 10 | Anbotek A | Anbotek Anbot | | hbotek Anbotek | Anborek Anb |
| 10 | | | | | ek abovek p |
| þ | | | | | stek suboten |
| | | | | | Anbotek Anbotek |





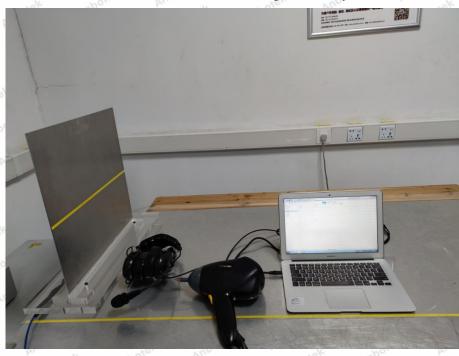
Report No.:18230EC20201201 Page 18 of 21

APPENDIX I -- TEST SETUP PHOTOGRAPH





Photo of Electrostatic Discharge Immunity Test









Report No.:18230EC20201201 Page 19 of 21



Photo of RF Field Strength susceptibility Test

Code:AB-EMC-02-c





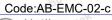
Report No.:18230EC20201201 Page 20 of 21

APPENDIX II -- EXTERNAL PHOTOGRAPH





Shenzhen Anbotek Compliance Laboratory Limited









Report No.:18230EC20201201 Page 21 of 21

UKCA Label

- The UKCA conformity marking must consist of the initials 'UKCA' taking the following form:
 If the UKCA marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
- 2. The UKCA marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
- The UKCA marking must be affixed visibly, legibly and indelibly.It must have the same height as the initials 'UKCA'.

| potek Anbo | End o | f Report | And And |
|------------|--------|-----------|---------|
| , | Ella 0 | i i Cport | V. |

