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Report No.:1819C40034112501 FCC ID: 2BKRS-NOSIEPOPBUDS

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FCC Test Report

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Applicant : Nexxbase Marketing Private Limited

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Address

Nexxbase Marketing Private Limited 15th Floor, DLF City Phase 5, Two Horizon Centre, Golf course Road, Sector 43, Gurugram, Haryana,122002 India

Product Name : Noise Pop buds

Report Date : Sept. 29, 2024

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Shenzhen Anbotek Compliance Laboratory Limited

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Shenzhen Anbotek Compliance Laboratory Limited

Anbote

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China Tel:(86)0755-26066440 Email: service@anbotek.com



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| 9 Duroll Timo | <u>, </u> | hotek Ant | oto Au | . tek | Anboten |
| o. Dwell Time | VUPOISE | Nor. | nbolet | Aupo. | |
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| -tek | 9.3. Test Data | | | | ex | Anv | 26 |
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Report No.:1819C40034112501 FCC ID: 2BKRS-NOSIEPOPBUDS

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TEST REPORT

Nexxbase Marketing Private Limited

Manufacturer

Applicant

: ILJIN ELECTRONICS INDIA PVT LTD

Product Name

Noise Pop buds

: Noise Pop buds

Trade Mark

Model No.

: N/A Input:

Rating(s)

Test Standard(s)

Case: 5V-400mA(with DC 3.7V, 400mAh Battery inside) Single Earphone: DC 3.7V, 40mAh Battery inside 47 CFR Part 15.247 ANSI C63.10-2020 KDB 558074 D01 15.247 Meas Guidance v05r02

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 above listed standard(s) 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. 30, 2024

Date of Test:

Prepared By:

Approved & Authorized Signer:

Aug. 30, 2024 to Sept. 11, 2024

Tu Tu Hon

(TuTu Hong)

(Kingkong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

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1. General Information

1.1. Client Information

| Applicant | : | Nexxbase Marketing Private Limited |
|--------------|---|--|
| Address | : | Nexxbase Marketing Private Limited 15th Floor, DLF City Phase 5, Two Horizon Centre, Golf course Road, Sector 43, Gurugram, Haryana,122002 India |
| Manufacturer | : | ILJIN ELECTRONICS INDIA PVT LTD |
| Address | : | B-24,SECTOR 85, NOIDA,UTTAR PRADESH-201305.INDIA |
| Factory | : | ILJIN ELECTRONICS INDIA PVT LTD |
| Address | : | B-24,SECTOR 85, NOIDA,UTTAR PRADESH-201305.INDIA |

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1.2. Description of Device (EUT)

| Ans | Ver. | All Aler |
|---|------------|---|
| Product Name | : | Noise Pop buds |
| Model No. | : | Noise Pop buds |
| Trade Mark | : | N/A hotek Anbolek Anbolek Anbo |
| Test Power Supply | : | AC 120V/60Hz for Adapter/DC 3.7V Battery inside |
| Test Sample No. | : | 1-2-1(Normal Sample), 1-2-2(Engineering Sample) |
| Adapter | : | N/A Anbot At abotek Anbotek Anbotek Anbotek |
| RF Specification | | |
| Operation Frequency | : | 2402MHz to 2480MHz |
| Number of Channel | : | 79 hotek Anbotek Anbotek Anbotek Anbo |
| Modulation Type | : | GFSK, π/4 DQPSK |
| Antenna Type | : | Ceramic antenna |
| Antenna Gain(Peak) | : | of:5dBi Anbolek Anbolek Anbolek Anbolek |
| (2) For a more detaileUser's Manual.(3)The EUT consists | edf oft | ation are provided by customer. Teatures description, please refer to the manufacturer's specifications or the two parts, the left and right earphone, both have been tested and only the one recorded in this report. |

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1.3. Auxiliary Equipment Used During Test

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| 1.3. Auxiliary Equip | nent Used During Test | otek Anbotek A | nbore Amanbotek | Anbo |
|----------------------|---------------------------------------|----------------|------------------|--------|
| Title | Manufacturer | Model No. | Serial No. | 1 |
| Xiaomi 33W adapter | Xiaomi | MDY-11-EX | SA62212LA04358J | |
| Case | Nexxbase Marketing Private Limited | Noise Pop buds | Lek Anbolek Anbo | lek el |
| Anbor At atek | Anboten Ant | ak abotek Anb | v sotek p | nbore |

1.4. Operation channel list

Operation Band:

| Operation L | ana. | Ner I | 100 | N. | 10 ¹⁰ | Dr. | 10% |
|---------------------|---|-----------------------------------|---------------------------------------|------------|-------------------------|--------------------|--------------------------------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1botek | 2402 | 20.0 | 2422 | 40 de | 2442 | 60 ^{Ano} | 2462 |
| Anbalek | 2403 | 21 notek | 2423 | 41 | otek 2443 And | 61 AT | 2463 |
| 2notek | 2404 | 22 | 16 ^K 2424 M ^{nbo} | 42 | 2444 | nbote 62 | 2464 |
| 3 Anbo | 2405 | 23 | 2425 N | 43 | 2445 | 63 | 2465 |
| Nek 4 | 100 ¹⁰ 2406 | 24 | 2426 | Ant 44 | 2446 | 6400ter | 2466 |
| 5 | 2407 | Anboard | 2427 | 45 | 2447 | 65 Autoo | 2467 ^{Anb} |
| nb 6 ek | 2408 | 26 | 2428 | 46 Anboth | 2448 | otek 66 | 10 ⁰¹⁶ 2468 |
| Anor Ak | 2409 | 27 noore | 2429 | tek 47 An | 2449 Am | 67 | 2469 |
| 8. nbote. | 2410 | e ^k 28 A ^{nb} | 2430 | 48 | 2450 | 68 K | 2470 |
| 9 Anb' | 2411 | thote ^k 29 | 2431 | 49 | 2451 | 69 | 2471 |
| o ^{tek} 10 | 2412 | 30 | 2432 | 50 tek | 2452 | 70 | 2472 nt |
| Anbo 11 | 2413 | 31 otek | 2433 | 51 | × 2453 no ¹⁶ | 71 And | 2473 |
| 1210K | 2414 | 32 | 2434 | 52 | 2454 | poter 72 | 2474 |
| 13 note | 2415 | 33 | otek 2435 MM | 53 | 2455 | Anbo73 | 2475 |
| × 14 | o ^{vek} 2416 M ^{nb^c} | 34 | 2436 | Anbot 54 | 2456 | ,74 ^{10k} | 2476 |
| 15 | 2417 | 100 35 | 2437 | A 55 | 2457 | 75 nbote | 2477 |
| 16 | 2418 | 36 | 2438 | 56,001er | 2458 | ex 76 Ant | o ^{tek} 2478 M ⁿ |
| Anbot 17 | 2419 | 370010 | 2439 | × 57 Autoc | 2459 And 2 | utek77 | 2479 |
| 18 | 2420 | 38 Anbo | 2440 | otek 58 | 2460 × | 78 | 2480 |
| 19 ⁴ | 2421 | otek 39 M | 2441 | 59 | 2461 | And - ek | Anbolek |

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Anbotek 1.5. Description of Test Modes

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| Pretest Modes | Descriptions | | | | | |
|---------------------------------|---|--|--|--|--|--|
| Ant TM1 Anot | Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. | | | | | |
| TM2 otek A | Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation. | | | | | |
| no potek TM3 Anbotek | Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. | | | | | |
| Anbote ^k TM4 Anboten | Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation. | | | | | |

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1.6. Measurement Uncertainty

| Conducted emissions (AMN 150kHz~30MHz) | 3.4dB |
|--|--|
| And Lotek And | det proto Alli |
| Occupied Bandwidth | 925Hz hotek Anbole All tek |
| Conducted Output Power | 0.76dB |
| Conducted Spurious Emission | 1.24dB And |
| Dwell Time Anbolek Anbolek Anbolek | 2% Anbolet Ant Anto tek Anbolek Anto |
| All Anboten And rek noot | 1G-6GHz: 4.78dB; |
| Radiated spurious emissions (above 1GHz) | 6G-18GHz: 4.88dB |
| And | 18G-40GHz: 5.68dB |
| Radiated emissions (Below 30MHz) | 3.53dB |
| Radiated spurious emissions (30MHz~1GHz) | Horizontal: 3.92dB; Vertical: 4.52dB |
| The measurement uncertainty and decision risk ev | valuated according to AB/WI-RF-F-032. |

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Anbotek Noto 1.7. Test Summary

| Test Items | Test Modes | Status |
|--|-------------|---------------------|
| Antenna requirement | Anbote / Am | Anbote |
| Conducted Emission at AC power line | Mode1,2 | ek P Anto |
| Occupied Bandwidth | Mode1,2 | b ^{otek} P |
| Maximum Conducted Output Power | Mode1,2 | abold P |
| Channel Separation | Mode3,4 | Prek |
| Number of Hopping Frequencies | Mode3,4 | P |
| Dwell Time Anbole And Lotek Anbole Anbole Anbole | Mode3,4 | P |
| Emissions in non-restricted frequency bands | Mode1,2,3,4 | P |
| Band edge emissions (Radiated) | Mode1,2 | NOOL P |
| Emissions in frequency bands (below 1GHz) | Mode1,2 | Anboto P |
| Emissions in frequency bands (above 1GHz) | Mode1,2 | AP OTO |

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1.8. Description of Test Facility

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

FCC-Registration No.:434132

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. 434132.

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

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Product Safety

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

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- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
- 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
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Report No.:1819C40034112501 FCC ID: 2BKRS-NOSIEPOPBUDS

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1.10. Test Equipment List

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| Cond | ucted Emission at A | C power line | nbotek | Anbore | k An. botek | Anboten |
|--------------------|--|------------------|-----------|------------------|-------------|--------------|
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Date |
| n ^{botek} | L.I.S.N. Artificial Mains Network | Rohde & Schwarz | ENV216 | 100055 | 2024-01-18 | 2025-01-17 |
| Anbo 2 | Three Phase V- type Artificial Power Network | CYBERTEK | EM5040DT | E215040D T001 | 2024-01-17 | 2025-01-16 |
| 3 | Software Name EZ-EMC | Farad Technology | ANB-03A | N/A otok | Ayboro | Am |
| o ^{rek} 4 | EMI Test Receiver | Rohde & Schwarz | ESPI3 | 100926 | 2023-10-12 | 2024-10-11 |

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Occupied Bandwidth

Maximum Conducted Output Power

Channel Separation Number of Hopping Frequencies

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Emissions in non-restricted frequency bands

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Date |
|------------------|---|-----------------|----------------|-----------------------|------------|--------------|
| Anyotek | Constant Temperature Humidity Chamber | ZHONGJIAN | ZJ- KHWS80B | po ^{rek} N/A | 2023-10-16 | 2024-10-15 |
| 2 | DC Power Supply | IVYTECH | IV3605 | 1804D360 510 | 2023-10-20 | 2024-10-19 |
| ж З | Spectrum Analyzer | Rohde & Schwarz | FSV40-N | 102150 | 2024-05-06 | 2025-05-05 |
| , 4 ^r | MXA Spectrum Analysis | KEYSIGHT | N9020A | MY505318 23 | 2024-02-22 | 2025-02-21 |
| 500 | Oscilloscope | Tektronix | MDO3012 | C020298 | 2023-10-12 | 2024-10-11 |
| 6 Ani | MXG RF Vector Signal Generator | Agilent | N5182A | MY474206 47 | 2024-02-04 | 2025-02-03 |
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|-----------------------|---|------------------|----------------------|-----------------|------------|-------------|
| | sions in frequency ba edge emissions (Ra | | Anbotek | Anbo | Anbotek | Anboten |
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Da |
| 1 | EMI Test Receiver | Rohde & Schwarz | ESR26 | 101481 | 2024-01-23 | 2025-01-2 |
| ^{nbote} 2 | EMI Preamplifier | SKET Electronic | LNPA- 0118G-45 | SKET-PA- 002 | 2024-01-17 | 2025-01-1 |
| 3 | Double Ridged Horn Antenna | SCHWARZBECK | BBHA 9120D | 02555 | 2022-10-16 | 2025-10-1 |
| 4 | EMI Test Software EZ-EMC | SHURPLE | N/A | Anbo N/A | Albotek | Anbor Anbor |
| ve'5 | Horn Antenna | A-INFO novek | LB-180400- KF | J21106062 8 | 2023-10-12 | 2024-10-1 |
| Anb6rek | Spectrum Analyzer | Rohde & Schwarz | FSV40-N | 102150 | 2024-05-06 | 2025-05-0 |
| <u>X</u> up | Amplifier | Talent Microwave | TLLA18G40 G-50-30 | 23022802 | 2024-05-07 | 2025-05-0 |

| Emissions in | frequency bands | (below 1GHz) |
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| ltem | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Date |
|------|-----------------------------|-----------------|-----------------------|------------|-------------|--------------|
| 1 | EMI Test Receiver | Rohde & Schwarz | ESR26 | 101481 | 2024-01-23 | 2025-01-22 |
| 2 | Pre-amplifier | SONOMA | 310N | 186860 | 2024-01-17 | 2025-01-16 |
| 3400 | Bilog Broadband Antenna | Schwarzbeck | VULB9163 | Anto 345 | 2022-10-23 | 2025-10-22 |
| 4 | Loop Antenna (9K- 30M) | Schwarzbeck | FMZB1519 B | 00053 | 2023-10-12 | 2024-10-11 |
| 5 | EMI Test Software EZ-EMC | SHURPLE | N/A ^{looten} | N/A | otek Anbote | Anbo he |

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Anbotek 2. Antenna requirement

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| ek. | Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to | |
|-------------------|--|---------|
| tek Aupor | ensure that no antenna other than that furnished by the responsible party | 45 |
| Test Requirement: | shall be used with the device. The use of a permanently attached antenna or | |
| aboten And | of an antenna that uses a unique coupling to the intentional radiator shall be | boter |
| All alloten | considered sufficient to comply with the provisions of this section. | 140 |
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2.1. Conclusion

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The antenna is a Ceramic antenna which permanently attached, and the best case gain of the antenna is 1.5dBi. It complies with the standard requirement. Anbote AUPO

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Anbotek 3. Conducted Emission at AC power line

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| tek Anbotek A | Refer to 47 CFR 15.207(a), Except section, for an intentional radiator to public utility (AC) power line, the radiator to public utility (AC) power line (AC) public utility (AC) power line (AC) public utility (| that is designed to be con | nected to the |
|-------------------|--|--|-------------------------------------|
| Test Requirement: | back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN). | y frequency or frequencie exceed the limits in the fo | s, within the ollowing table, as |
| Plup of | Frequency of emission (MHz) | Conducted limit (dBµV) | ek abotet |
| Anbore An | at aboten And | Quasi-peak | Average |
| - ctek | 0.15-0.5 | 66 to 56* | 56 to 46* |
| Test Limit: | 0.5-5 | 56 hole M | 46 |
| ek aboten | 5-30 hotek And | 60 | 50 |
| nbore An otek | *Decreases with the logarithm of th | ne frequency. | bolek p |
| Test Method: | ANSI C63.10-2020 section 6.2 | botek Anboto | Am |
| Procedure: | Refer to ANSI C63.10-2020 section line conducted emissions from unli | | |

3.1. EUT Operation

Operating Environment:

| Operating En | vironment: | Aupoter | Anbo | ek nbote | k Aupor | A A | otek Anbo |
|--------------|-----------------------|---------------------|---------------------------|----------|---------|------------------------------------|-----------|
| Test mode: | hopping) 2: TX-π/4 | with GFS I-DQPSK | K modulatio (Non-Hoppi | moter An | | r transmitting n uously transmi | Anbox |
| 3.2. Test Se | tup Anbo | e. | Annotek | Anbotek | Anbo | Anbotek | Anbors |

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3.2. Test Setup

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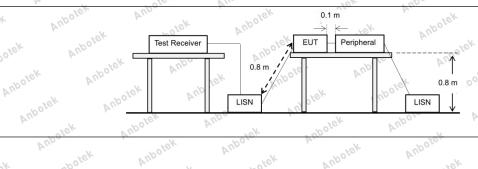
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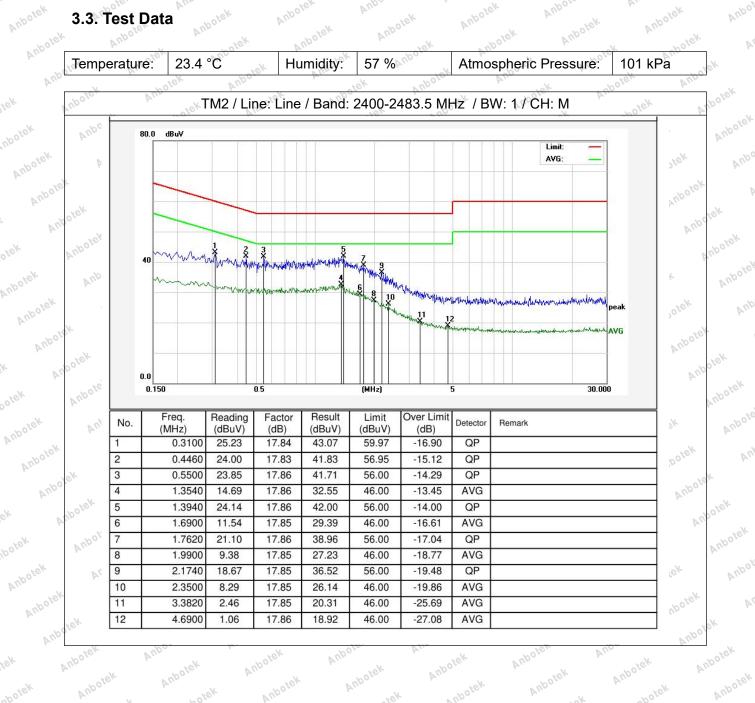
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3.3. Test Data



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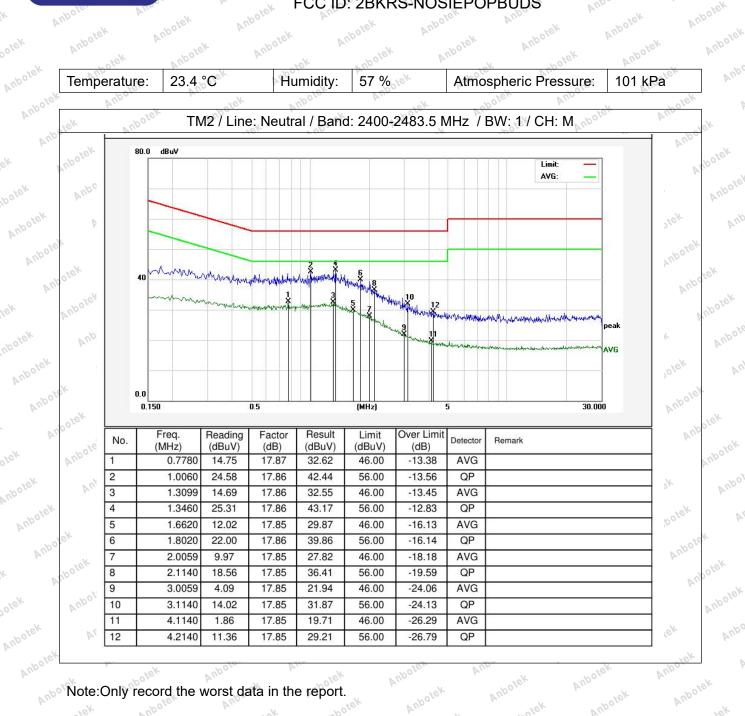
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Anbo Note:Only record the worst data in the report. nbotek Anbotek

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4. Occupied Bandwidth

| Test Requirement: | 47 CFR 15.247(a)(1) | Anboten |
|---|--|---------------------------------|
| noviek Anborek | Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in 15.217 through 15.257 and in subpart E of this part, must be design ensure that the 20 dB bandwidth of the emission, or whatever bandwidth of the emission under which equipment operates, is contained within the frequency band design the rule section under which the equipment is operated. | s§ Ned to Width the |
| Test Method: | ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measure use the procedure in 6.9.3. Frequency hopping shall be disabled for KDB 558074 D01 15.247 Meas Guidance v05r02 | |
| Anbotek Anbor Anbotek Anbotek Anbotek Anbotek | The occupied bandwidth is the frequency bandwidth such that, belo lower and above its upper frequency limits, the mean powers are ea to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth: a) The instrument center frequency is set to the nominal EUT chann frequency. The frequency span for the spectrum analyzer shall be b | ach equal g nel center |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range 5% of the OBW, and VBW shall be at least three times the RBW, un otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the from exceeding the maximum input mixer level for linear operation. | of 1% to nless signal |
| ak Anbotek Anbo bolek Anbotek A | general, the peak of the spectral envelope shall be more than [10 lo (OBW/RBW)] below the reference level. Specific guidance is given i 4.1.6.2. d) Step a) through step c) might require iteration to adjust within the | in Anbotek |
| Anbotek Anbotek | specified range. e) Video averaging is not permitted. Where practical, a sample dete single sweep mode shall be used. Otherwise, peak detection and m mode (until the trace stabilizes) shall be used. | ction and hax-hold |
| ek Anbotek Anbotek Anbo | f) Use the 99% power bandwidth function of the instrument (if availar report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, trace data points are recovered and directly summed in linear power. The recovered amplitude data points, beginning at the lowest frequence. | , then the r terms. |
| Anbotek Anboten Anbotek Anbotek | placed in a running sum until 0.5% of the total is reached; that freque recorded as the lower frequency. The process is repeated until 99.5 total is reached; that frequency is recorded as the upper frequency. power bandwidth is the difference between these two frequencies. | iency is % of the The 99% |
| otek Anbotek Ant | h) The occupied bandwidth shall be reported by providing spectral p the measuring instrument display; the plot axes and the scale units division shall be clearly labeled. Tabular data may be reported in ad the plot(s). | per |

4.1. EUT Operation

Operating Environment:

Test mode: 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-

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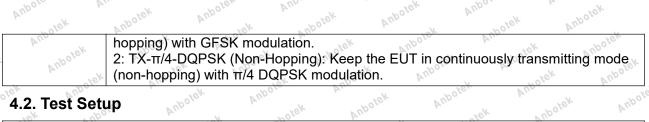
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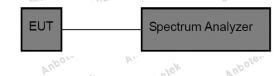
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4.2. Test Setup



4.3. Test Data

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| 4.3. Test Dat | a Ans | potek | Anbotek | Anos | botek | Anbotek | Anboro | sk Ar | hotek |
|-----------------|----------|---------|-----------|------|-------|---------------|-----------|---------|-------|
| Temperature: | 22.8 °C | nbotek | Humidity: | 49 % | hotel | Atmospheric F | Pressure: | 101 kPa | nbo |
| Please Refer to | Appendix | for Det | ek Anbo | 10. | Vur | otek Anbote | SK Ar | loo. | |

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Please Refer to Appendix for Details. Anbote

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Anbotek 5. Maximum Conducted Output Power

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| Test Requirement: | 47 CFR 15.247(b)(1) |
|---|---|
| Test Limit: Anbotek | Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts. |
| Test Method: | ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02 |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer settings: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. |
| Procedure: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | f) Trace: Max-hold. g) Allow trace to stabilize. h) Use the marker-to-peak function to set the marker to the peak of the emission. i) The indicated level is the peak output power, after any corrections for external attenuators and cables. j) A spectral plot of the test results and setup description shall be included in the test report. NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer. |
| 5.1. EUT Operation | Nek Anbore Ann Anborek Anboren Anborek Anborek |

5.1. EUT Operation

| Operating Envir | onment; wover | And | anbotek | Anbo | k bole | anbore |
|-----------------|------------------------------------|-----------------|-------------|--------------|------------------|----------------|
| ter And | 1: TX-GFSK (No | | • | o continuous | sly transmitting | g mode (non-o` |
| Test mode: | hopping) with GI 2: TX-π/4-DQPS | | | EUT in cont | inuously trans | smitting mode |
| abotek A | (non-hopping) w | ith π/4 DQPSK r | modulation. | Nek. | Anboten | And |

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Report No.:1819C40034112501 FCC ID: 2BKRS-NOSIEPOPBUDS Anbo

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Anbotek 5.2. Test Setup

| nboten Anb | Anti Anbotek Anbotek | 0 | EUT | Spectru | um Analyzer | Ant | Anbotek Ant | Anbokek Ant |
|---------------|-------------------------|---------|---------|--------------------|-------------|----------------|-------------|-------------|
| | 5.3. Test Data | polek A | Anbotek | Anbotek Anbotek | Anboten | And Anbotek | Anbotek | Anbotek |

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5.3. Test Data

| Temperature: | 22.8 °C | Humidity: | 49 % | Atmospheric Pr | essure: | 101 kPa |
|-----------------|-----------------|---------------------|---------|----------------|---------|---------|
| K Anboten | And | ~botek | Anbo | r bek | Anboic | An |
| Please Refer to | Appendix for De | tails. ^A | Anboten | Ano | abote | K Anbo |

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Please Refer to Appendix for Details. Anbotel Anbotek

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Anbotek Shenzhen Anbotek Compliance Laboratory Limited

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6. Channel Separation

| Test Requirement: | 47 CFR 15.247(a)(1) |
|--|---|
| npotek Test Limit: Anbotek Anbotek Anbotek Anbotek | Refer to 47 CFR 15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. |
| Test Method: | ANSI C63.10-2020, section 7.8.2 KDB 558074 D01 15.247 Meas Guidance v05r02 |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbote K Anbotek An | The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: Wide enough to capture the peaks of two adjacent channels. b) RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel. c) Video (or average) bandwidth (VBW) ≥ RBW. |
| Procedure: model Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek | d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate regulatory limit shall be determined. A spectral plot of the data shall be |
| and Aug | included in the test report. |

6.1. EUT Operation

| lek- | Operating Envir | onment: | abotek | Anb | Lotek | Anbor | P |
|-----------|-----------------|-----------|----------------------------|------------------------|---------------|-----------------|------------------|
| otek | Anbolek | 3: TX-GFS | | | in continuous | ly transmitting | g mode (hopping) |
| nbs hotek | Test mode: | | K modulation, DQPSK (Ho | ,. pping): Keep the | EUT in conti | nuously trans | mitting mode |
| Ann | yek polek | | | PSK modulation | | - dek | upoten Anu |

6.2. Test Setup

| Anbotek | Anbor | EUT | Spectrum A | nalyzer | ek atek | Anborek |
|---------------|--------------|----------------|------------|-------------|-----------|-----------------|
| 6.3. Test Dat | ta Anbotek | An- Anbotek | Anbotek | Anb- | Anbotek | Anbotek Anbo |
| Temperature: | 22.8 °C Made | Humidity: | 49 % | Atmospheric | Pressure: | 101 kPa |

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7. Number of Hopping Frequencies

| Test Requirement: | 47 CFR 15.247(a)(1)(iii) |
|--|---|
| Test Limit: | Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used. |
| Test Method: | ANSI C63.10-2020, section 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02 |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen. b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. |
| Procedure: | c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. |
| ek Anbolek A hbolek Anbolek | It might prove necessary to break the span up into subranges to show clearly all of the hopping frequencies. Compliance of an EUT with the appropriate regulatory limit shall be determined for the number of hopping channels. A spectral plot of the data shall be included in the test report. |

7.1. EUT Operation

| | Operating Envir | onment: | Annotek | Anbolen | Ann | Anbotek | Anbo | .ex |
|---|-----------------|----------------------------|--------------------------|---|---------------|----------|--------|--------|
| 4 | Test mode: | with GFSK r 4: TX-π/4-D | nodulation, QPSK (Hop | Keep the EUT pping): Keep th 2SK modulatior | e EUT in cont | oten Ano | | Lovek |
| | 7.2. Test Setu | le Plus | abotek | Anborek | Aupor | Anbotek | Anbolo | - VII. |

7.2. Test Setup

| 7.2. Test Setup | Anbotek | Anbo | Anbotek | Anbore | A |
|-------------------------------|-----------|----------|-----------------|------------|--------------------|
| Anbole Ann Anbolek Anbolek | EUT | Spe | ectrum Analyzer | Notek | Anbotek Anbotek |
| stek Anboten And | potek Anb | ole. Vu. | wotek An | poter Anbo | ne An |
| 7 2 Test Dete | N. | hoten A | no | 10K | upo. K. |

7.3. Test Data AND

| Temperature: | 22.8 °C | abote | Humidity: ⁰⁰ | 49 % | And | Atmospheric Pressure: | 101 kPa | - <u>1</u> 0- |
|--------------|---------|-------|-------------------------|------|-----|-----------------------|-------------------|---------------|
| pe. V | ~ Ole | Nu | | 101 | 000 | | ~\00 ¹ | 1 |

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Anbotek ,otek 8. Dwell Time

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| Test Requirement: | 47 CFR 15.247(a)(1)(iii) |
|---|--|
| ek Anbo hotek Anbotek Test Limit: Anbotek | Refer to 47 CFR 15.247(a)(1)(iii), Frequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress |
| Anbo abolek Ar | transmissions on a particular hopping frequency provided that a minimum of 15 channels are used. |
| Test Method: | ANSI C63.10-2020, section 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02 |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | The dwell time per hop on a channel is the time from the start of the first transmission to the end of the last transmission for that hop. If the device has a single transmission per hop then the dwell time is the duration of that transmission. If the device has a multiple transmissions per hop then the dwell time is measured from the start of the first transmission to the end of the last transmission. |
| And | The time of occupancy is the total time that the device dwells on a channel over an observation period specified in the regulatory requirement. To determine the time of occupancy the spectrum analyzer will be configured to measure both the dwell time per hop and the number of times the device transmits on a specific channel in a given period. |
| And Anbotek Anbotek Anbotek Anbotek | The EUT shall have its hopping function enabled. Compliance with the requirements shall be made with the minimum and with the maximum number of channels enabled. If the dwell time per channel does not vary with the number of channels than compliance with the requirements may be based on the minimum number of channels. If the device supports different dwell times per channel (example Bluetooth devices can dwell on a channel |
| Procedure: | for 1, 3 or 5 time slots) then measurements can be limited to the longest dwell time with the minimum number of channels. |
| Ant Anbolek Ant | Use the following spectrum analyzer settings to determine the dwell time per hop: |
| botek Anbotek | a) Span: Zero span, centered on a hopping channel. b) RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected transmission time per hop. |
| Anbotek Anbote | c) Sweep time: Set so that the start of the first transmission and end of the last transmission for the hop are clearly captured. Setting the sweep time to be slightly longer than the hopping period per channel (hopping period = |
| Anotek An | 1/hopping rate) should achieve this. d) Use a video trigger, where possible with a trigger delay, so that the start of the transmission is clearly observed. The trigger level might need adjustment |
| nbotek Anbotek | to reduce the chance of triggering when the system hops on an adjacent channel. e) Detector function: Peak. |
| Anbotek Anboter | f) Trace: Clear-write, single sweep. g) Place markers at the start of the first transmission on the channel and at |

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the end of the last transmission. The dwell time per hop is the time between these two markers.

To determine the number of hops on a channel in the regulatory observation period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep time.

The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel divided by the spectrum analyzer sweep time multiplied by the regulatory observation period. For example, if three hops are counted with an analyzer sweep time of 500 ms and the regulatory observation period is 10 s, then the number of hops in that ten seconds is $3 / 0.5 \times 10$, or 60 hops.

The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

AND

8.1. EUT Operation

| Operating Envir | onment: | Anu | nbotek | Anbo | hotek |
|-----------------|--|-----------|--------|------|-------------|
| Test mode: | 3: TX-GFSK (Hoppir with GFSK modulation 4: TX-π/4-DQPSK (H | on, hovek | Anbo | - r | stek Anbore |

(hopping) with $\pi/4$ DQPSK modulation.

8.2. Test Setup

| EUT | Spectr | um Analyzer |
|------|--------|-------------|
| Anv- | 4.01 | . npo- |

8.3. Test Data

| | | | | | | | he h |
|-----|--------------------------|------------|-----------------------|-----------|-------|-----------------------|--|
| 1 T | Temperature [.] | 22 8 °C | Humidity [.] | 49 % | hotek | Atmospheric Pressure: | 101 kPa |
| | iomportation of | 622.0 O A. | _ riannancy. | Ser. 6 76 | AUN | , anophono in occaro. | |

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Anbotek 9. Emissions in non-restricted frequency bands

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| Test Requirement: | 47 CFR 15.247(d), 15.209, 15.205 |
|-------------------|---|
| et Anbor p | Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator |
| nboter And | is operating, the radio frequency power that is produced by the intentional |
| tek aboten | radiator shall be at least 20 dB below that in the 100 kHz bandwidth within |
| Anbore Ar. | the band that contains the highest level of the desired power, based on |
| sotek Anbors | either an RF conducted or a radiated measurement, provided the transmitter |
| Test Limit: | demonstrates compliance with the peak conducted power limits. If the |
| Ant Ant | transmitter complies with the conducted power limits based on the use of |
| All | RMS averaging over a time interval, as permitted under paragraph (b)(3) of |
| tek Anbore | this section, the attenuation required under this paragraph shall be 30 dB |
| in the second | instead of 20 dB. Attenuation below the general limits specified in § |
| boten And | 15.209(a) is not required. |
| All det aboter | An oter Any cet abo |
| Test Method: | ANSI C63.10-2020 section 7.8.7 |
| potek Anbor | KDB 558074 D01 15.247 Meas Guidance v05r02 |
| Ano | 7.8.7.1 General considerations |
| k nboter An | To demonstrate compliance with the relative out-of-band emissions |
| P. | requirements conducted spurious emissions shall be measured for the |
| otek Anbor | transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers. |
| -k wotek | Frequency hopping shall be disabled for this test with the exception of |
| aboten And | measurements at the allocated band-edges which shall be repeated with |
| All aboter | hopping enabled. |
| Anbore An | ek nooten And k notek Andor h atek |
| otek Anbo | Connect the primary antenna port through an attenuator to the spectrum |
| Anb | analyzer input; in the results, account for all losses between the unlicensed |
| K aboten Al | wireless device output and the spectrum analyzer. The frequency range of |
| All | testing shall span 30 MHz to 10 times the operating frequency and this may |
| otek Anbore | be done in a single sweep or, to aid resolution, across a number of sweeps. |
| lo tek | The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a |
| aboten Anos | coupled sweep time with a peak detector. |
| All boken | And week Andor A. tek Andore. |
| Procedure: | The limit is based on the highest in-band level across all channels measured |
| Theedure. | using the same instrument settings (resolution bandwidth of 100 kHz, video |
| Ano | bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To |
| et solet P | help clearly demonstrate compliance a display line may be set at the |
| en bui | required offset (typically 20 dB) below the highest in-band level. Where the |
| otek Anboic | highest in-band level is not clearly identified in the out-of-band |
| 10- Clek | measurements a separate spectral plot showing the in-band level shall be |
| abolek Anb | provided. And |
| All botek | And k hotek Anbor An tek hoter |
| Aupore Ann | When conducted measurements cannot be made (for example a device with |
| atek and | integrated, non-removable antenna) radiated measurements shall be used. |
| Anbu | The reference level for determining the limit shall be established by |
| ak abotek | maximizing the field strength from the highest power channel and measuring |
| No. An. | using the resolution and video bandwidth settings and peak detector as |
| tek anbore. | described above. The field strength limit for spurious emissions outside of |
| rok be | restricted-bands shall then be set at the required offset (typically 20 dB) |
| hotek Anbor | below the highest in-band level. Radiated measurements will follow the |
| Anp- | standards measurement procedures described in Clause 6 with the |
| | |

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exception that the resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector. Note that use of wider measurement bandwidths are acceptable for measuring the spurious emissions provided that the peak detector is used and that the measured value of spurious emissions are compared to the highest in-band level measured with the 100 kHz / 300 kHz bandwidth settings to determine compliance.

7.8.7.2 Band-edges

Compliance with a relative limit at the band-edges (e.g., -20 dBc) shall be made on the lowest and on the highest channels with frequency hopping disabled and repeated with frequency hopping enabled. For the latter test the hopping sequence shall include the lowest and highest channels.

For measurements with the hopping disabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of the allocated band-edge.

For measurements with the hopping enabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of both of the allocated band-edges. This could require separate spectral plots for each band-edge.

9.1. EUT Operation

Operating Environment:

Test mode:1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
hopping) with GFSK modulation.
2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode
(non-hopping) with π/4 DQPSK modulation.
3: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping)
with GFSK modulation,.
4: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode

4: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π/4 DQPSK modulation.

9.2. Test Setup

| | An | 5.0 - | C- () * | | | _ { 0 | Pu |
|----|-----------------|----------|----------|---------|-------------|-------|----------|
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9.3. Test Data

| Temperature: | 22.8 °C | Humidity: | 49 % | Atmospheric Pressure: | 101 kPa |
|--|---------|-----------|------|---|---------|
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | VUN | 10. | | V ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | b. |

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| Test Requirement: | restricted bands, as define |), In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2 | ly with the |
|---|--|--|--|
| Anbotek Anbotek | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
| botek Anbo | 0.009-0.490 | 2400/F(kHz) | 300 400 |
| Alle | 0.490-1.705 | 24000/F(kHz) | 30 Note |
| Anbors A | 1.705-30.0 | 30 K botek And | 30 |
| k hotek | 30-88 | 100 ** | 3ter Anb |
| ter Ans | 88-216 | 150 ** the subort | 3 |
| stek anbore. | 216-960 | 200 ** | 3 nbor A |
| Test Limit: | Above 960 | 500 boten And | 3 Jolek |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | intentional radiators operation frequency bands 54-72 MF However, operation within sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and these three bands are base detector. | e, the tighter limit applies at the b in the above table are based on peak detector except for the freq above 1000 MHz. Radiated emis ed on measurements employing | e located in the 470-806 MHz. ed under other oand edges. measurements uency bands 9– ssion limits in |
| - otek And | ANSI C63.10-2020 section | 16.10 And And | k hote |
| Test Method: | KDB 558074 D01 15.247 | Meas Guidance v05r02 | poter And |

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10.1. EUT Operation

| Operating Envir | ronment: | Aupor | k bott | sk Anb | ote. And | olek o | nbotek |
|-----------------|--------------------------|-------------------------|-------------|------------|----------------------------------|-----------|--------|
| Test mode: | hopping) \ 2: TX-π/4- | with GFSK i DQPSK (N | nodulation. | Keep the E | continuously t UT in continue | Anboten - | Ann |
| hotek Anbo | lek Ar | 100 stek | Anbotek | Anboro | k An | K Anboter | Ano |

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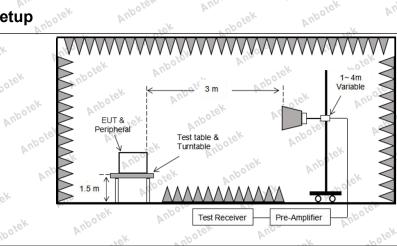
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Report No.:1819C40034112501 FCC ID: 2BKRS-NOSIEPOPBUDS

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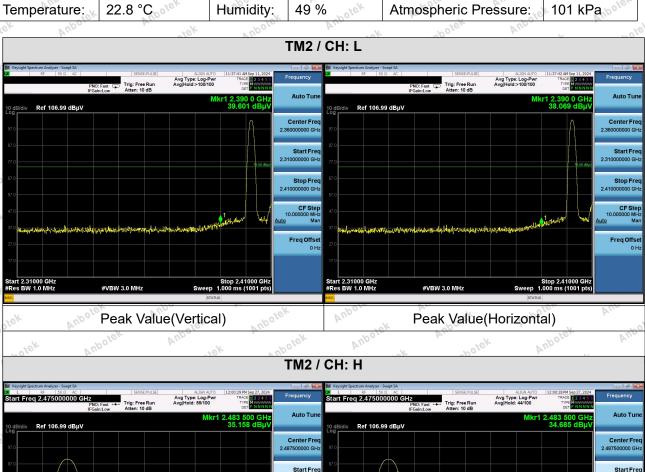
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10.3. Test Data

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Start Fred 2.475000000 G 2.500000 CF Ste 2.500000 +** CF Step Freq Offs Freq Offse Stop 2.50000 Gl ep 1.000 ms (1001 p rt 2.47500 GHz s BW 1.0 MHz tart 2.47500 GHz Res BW 1.0 MHz Stop 2.50000 GF Sweep 1.000 ms (1001 pt #VBW 3.0 MHz #VBW 3.0 MHz Peak Value(Vertical) Peak Value(Horizontal)

Remark:

1. During the test, pre-scan all modes, the report only record the worse case mode.

Note: When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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| Test Requirement: | restricted bands, as define |), In addition, radiated emissions ed in § 15.205(a), must also comp pecified in § 15.209(a)(see § 15.2 | ly with the |
|---|--|--|---|
| Anbotek Antotek | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
| Anbotek Anbo | 0.009-0.490 | 2400/F(kHz) | 300 400 |
| r otek Ar | 0.490-1.705 | 24000/F(kHz) | 30 Anboro |
| Ano | 1.705-30.0 | 30 Andre And | 30 3 |
| otek Anbore | 88-216 | 150 ** | 3 |
| ak botek | 216-960 | 200 ** | 3 nbotek |
| Anbote. And tek | Above 960 | 500 Loter Ambor | 3 .tok |
| Anb Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | intentional radiators opera frequency bands 54-72 Mł However, operation within sections of this part, e.g., { In the emission table abov The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and these three bands are bas detector. | e, the tighter limit applies at the b in the above table are based on peak detector except for the freq above 1000 MHz. Radiated emis red on measurements employing | e located in the 470-806 MHz. aed under other band edges. measurements uency bands 9– ssion limits in |
| Anbo. | ANSI C63.10-2020 section | | stek Anbote |
| Test Method: | KDB 558074 D01 15.247 I | vieas Guidance v05r02 | 00. r |

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11.1. EUT Operation

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| Operating Envir | ronment: | Anbor | k bote | sk Ant | ote. And | otek A | nbotek |
|-----------------|---------------------------|-------------------------|-------------|------------|----------------|----------|--------|
| Test mode: | hopping) w 2: TX-π/4-I | ith GFSK n DQPSK (No | nodulation. | Keep the E | continuously t | A nboten | Ann |
| botek Anbo | tek Ant | lek. | Anbolek | Anboro | At. abotel | Aupoter | And |

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Anbotek otek 11.2. Test Setup

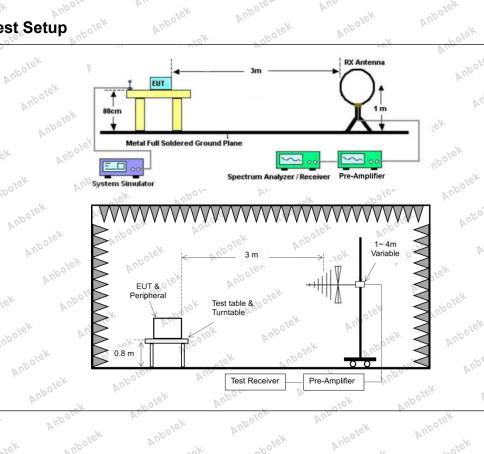
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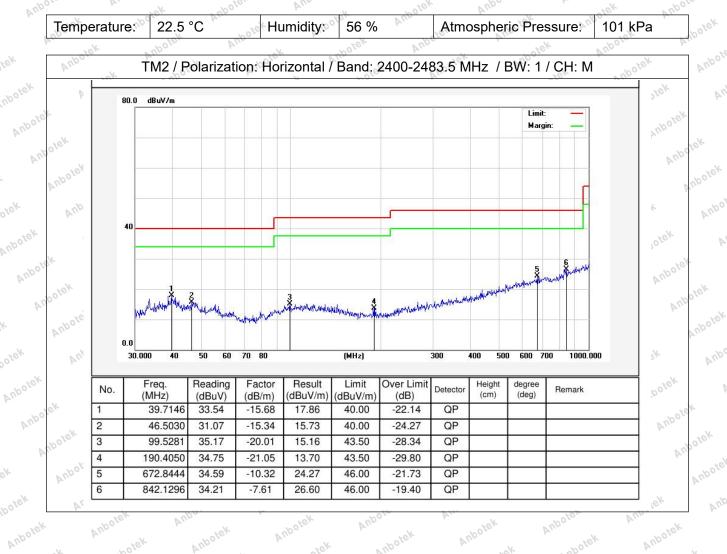
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Anbotel 11.3. Test Data

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The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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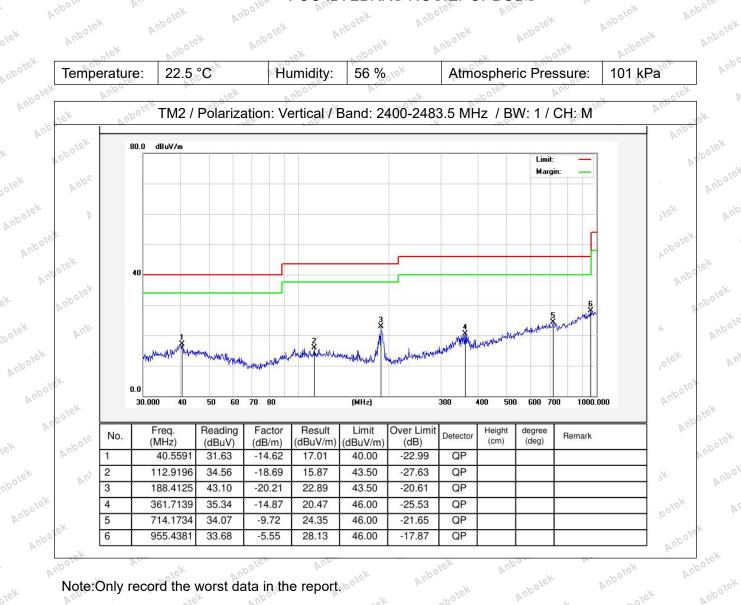
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Note:Only record the worst data in the report. Anbotek

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| Test Requirement: | | ons which fall in the restricted ba omply with the radiated emission 5(c)). | |
|--|--|--|--|
| Anbotek Anotek | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
| abotek Anbo | 0.009-0.490 | 2400/F(kHz) | 300 And |
| A | 0.490-1.705 | 24000/F(kHz) | 30 nbole |
| Anbor | 1.705-30.0 | 30 botek Anb | 30 |
| k hotek | 30-88 | 100 ** | 3ter And |
| And | 88-216 | 150 ** tex hoote | 3 |
| tek nboter | 216-960 | 200 ** | 3 nbore Arr |
| Do. W. | Above 960 | 500 boten And | 3 dek M |
| Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek | However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a | z, 76-88 MHz, 174-216 MHz or hese frequency bands is permit § 15.231 and 15.241. a, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emis ed on measurements employing | ted under other pand edges. measurements juency bands 9– ssion limits in |
| est Method: | ANSI C63.10-2020 section KDB 558074 D01 15.247 N | | potek Anbolek |
| Procedure: | ANSI C63.10-2020 section | 6.6.4 AND | hotek Anbor |
| V. WV. | | 70. | 0~ |

12. Emissions in frequency bands (above 1GHz)

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12.1. EUT Operation

| Operating Envir | ronment: | Anbor | A. bolek | Anbore. | Ans | otek Anb | otek |
|-----------------|--------------------------|--------------------------|---|-------------|-------|----------|------|
| Test mode: | hopping) w 2: TX-π/4- | /ith GFSK m DQPSK (No | pping): Keep th odulation. n-Hopping): K I DQPSK mod | eep the EUT | - Kek | nboten | Ann |
| lek no | tek An | 00. | hotek | Anbore | Am | Anboten | Ano |

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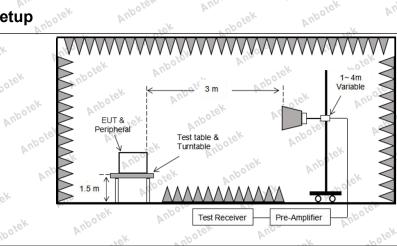
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| tek | 12.3. Test Da | ta Anbotek | Anbolek | Anbote | Anbotek | Anbotek | Anbotek |
|--------|-------------------------|-------------------|------------------|--------------------|------------------------|--------------------|--------------------------|
| nbotek | Temperature: | 23.5 °C | Humidity: | 56.3 % | Atmospheric | Pressure: | 101 kPapo ^{tek} |
| | tek Anbor | p. stek | Anbore. | Pu. | K solotek | Anbo | v |
| AUP | | | • | TM2 / CH: L | | | |
| P | Peak value: | | | | | | |
| ek | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
| | 4804.00 | 30.32 | 15.27 | 45.59 | 74.00 | -28.41 | Vertical |
| nbotek | 7206.00 | 30.94 | 18.09 | 49.03 | 74.00 | -24.97 | Vertical |
| | Not an all and a second | 1 N N | . OKO. | Plan | (S | 00 | |

| 1200.00 | 30.94 | 10.09 | 49.03 | 74.00 | -24.97 ver | venical |
|----------|---|---------|----------|--------------|------------|------------|
| 9608.00 | 32.84 | 23.76 | 56.60 | × 74.00 00 × | -17.40 | Vertical |
| 12010.00 | * A | tek noo | ter Aupo | 74.00 | otek Anbo | Vertical |
| 14412.00 | potek * Aup | | botek Ar | 74.00 | Notek D | Vertical |
| 4804.00 | 30.42 | 15.27 | 45.69 | 74.00 | -28.31 | Horizontal |
| 7206.00 | 32.28 | 18.09 | 50.37 | 74.00 | -23.63 | Horizontal |
| 9608.00 | 29.58 | 23.76 | 53.34 | 74.00 | -20.66 | Horizontal |
| 12010.00 | *nbolo | Ant | Anbotek | 74.00 | k sbotek | Horizontal |
| 14412.00 | * ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | K Anbo | | × 74.00 m | b, | Horizontal |

Average value:

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| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | polarization |
|---|-------------------|------------------|--------------------|-----------------------------|--------------------|--------------|
| 4804.00 | 19.70 | 15.27 | 34.97 | 54.00 | -19.03 | Vertical |
| 7206.00 | 19.97 | 18.09 | 38.06 | 54.00 | -15.94 | Vertical |
| o ^{ve^k 9608.00[%]} | 21.86 | 23.76 | 45.62 | 54.00 NO | -8.38 | Vertical |
| 12010.00 | ter * Ann | tek an | otek Anb | 54.00 | botek Ant | Vertical |
| 14412.00 | nbotek * Ar | loo. r | holek | 54.00 | atek. | Vertical |
| 4804.00 | 18.77 | 15.27 | 34.04 | 54.00 | -19.96 | Horizontal |
| 7206.00 | 21.34 | 18.09 | 39.43 | 54.00 | -14.57 | Horizontal |
| 9608.00 | 18.89 | 23.76 | 42.65 | 54.00 | -11.35 | Horizontal |
| 12010.00 | * * Anboten | bur | ek nbote | 54.00 | at above | Horizontal |
| 14412.00 | * * | rek Anbo | h h | otek 54.00 pm ^{bc} | to. An | Horizontal |
| Anbotek Ant | or A. | nbotek Ar | boten Aut | Anbolek A | nbotek An | h nbotek |

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| nbolt | Peak value: | | | | | | |
|---------|--------------------|--|------------------|----------------------|--|--|---------------------------|
| Anbol | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
| Þ | 4882.00 | 10 ¹⁰ 30.34 m ⁰ | 15.42 | 45.76 | o ^{ven} 74.00 M nD | -28.24 | v ^v Vertical v |
| 6 | 7323.00 | 30.79 | 18.02 | 48.81 | 74.00 | -25.19 | Vertical |
| otek | 9764.00 | 31.85 | 23.80 | 55.65 | 74.00 | -18.35 | Vertical |
| | 12205.00 | Anbo* | Vun | Anbotek | 74.00 | -botek | Vertical |
| Anbotek | 14646.00 | *polek | Anbo | hotek | 74.00 | Am | Vertical |
| Anbo | 4882.00 | 30.12 | 15.42 | 45.54 | 74.00 | -28.46 | Horizontal |
| b. | 7323.00 | 32.27 | 18.02 | 50.29 ¹⁰⁰ | 74.00 | o ^{rek} -23.71 pr ^{p0} | Horizontal |
| P | 9764.00 | o ^{vek} 29.28 p ^{nb} | 23.80 | 53.08 | 74.00 | -20.92 | Horizontal |
| 3K | 12205.00 | wolek* | Anbote. A | CLOK CLOK | 74.00 | Aupo | Horizontal |
| botek | 14646.00 | And * | nbotek | Aupor | 74.00 | Anboro | Horizontal |
| 0- | | | | | | | |

Average value:

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| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | polarization |
|--------------------|-------------------|------------------------------|--------------------|-------------------|--------------------|--------------|
| 4882.00 | 19.43 | otek 15.42 And | 34.85 | 54.00 | -19.15 And | Vertical |
| 7323.00 | 20.07 | 18.02 | 38.09 | 54.00 | -15.91 | Vertical |
| 9764.00 | 21.72 | 23.80 | 45.52 | 54.00 | -8.48 | Vertical |
| 12205.00 | * tek | Anbor | Att | 54.00 | And | Vertical |
| 14646.00 | A"* | Anboten | And | 54.00 | Anbors | Vertical |
| 4882.00 00 ter | 18.68 | 15.42 | 34.10 | 54.00 | -19.90 | Horizontal |
| 7323.00 | 20.90 Moo | 18.02 | Net 38.92 mb | 54.00 | -15.08 | Horizontal |
| 9764.00 | 19.40 | 100 ¹⁰¹ 23.80 Ant | 43.20 | 54.00 | -10.80 | Horizontal |
| 12205.00 | × da | abotek | Anbort | 54.00 | Anboten | Horizontal |
| 14646.00 | Anbot* | An | Anboter | 54.00 | abotek | Horizontal |
| Ann Anbotek | Anbotek | Anbo | Anbotek | Anbor | A. Anbotek | Anbote. |

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| TM2 / CH: H | | | | | | | |
|-----------------------|-------------------|------------------------|------------------------------------|----------------------------|---|--------------|---------|
| Peak value: | | | | | | | 1 |
| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization | |
| 4960.00 ⁰⁰ | 30.61 | 15.58 | 46.19 | otek 74.00 pr/06 | -27.81 | Vertical | otek |
| 7440.00 | 30.80 | 17.93 | 48.73 AM | 74.00 | -25.27 | Vertical | Anbote |
| 9920.00 | 32.40 | 23.83 | 56.23 | 74.00 | -17.77 | Vertical | N |
| 12400.00 | the abotter | Anbor | A. bolek | 74.00 | Ann | Vertical | Ant |
| 14880.00 | * tek | Anbolet | Ann | 74.00 | Anbolo | Vertical | 1 |
| 4960.00 | 30.19 | 15.58 | 45.77 | 74.00 | -28.23 | Horizontal | .ek |
| 7440.00 | 32.30 | 17.93 | 50.23 m ^{ov} | 74.00 | -23.77 | Horizontal | otek |
| 9920.00 | 29.96 | 23.83 M | 53.79 | o ^{tek} 74.00 Ant | -20.21 | Horizontal | WP - |
| 12400.00 | * | abotek A | upor k. | 74.00 | Anbote. A | Horizontal | Anbot |
| 14880.00 | Anbore * | A | Anbolek | 74.00 | a nbotek | Horizontal | - P. |
| Average value: | | | | | | | P |
| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | polarization | ek. |
| 4960.00 | 20.55 | 15.58 | ¹⁶ 36.13 ^{h00} | 54.00 | o ^{vek} -17.87 An ^b | Vertical | hotek |
| 7440.00 | 21.08 | 17.93 | 39.01 | 54.00 | -14.99 | Vertical | No. |
| 9920.00 | 22.27 | 23.83 | 46.10 | 54.00 | -7.90 | Vertical | Anbo |
| 12400.00 | Vun * 16K | nbotek | Anbo | 54.00 | Anbote | Vertical | 0 |
| 14880.00 | Aut * | A. Sotek | Anboten | 54.00 | Anbotek | Vertical | |
| 4960.00 | 20.12 | 15.58 | 35.70 o ^{tek} | 54.00 | -18.30 | Horizontal | 1 |
| 7440.00 | 22.27 | 17.93 ⁰⁰⁰¹⁰ | 40.20 | 54.00 m ⁰⁰ | -13.80 | Horizontal | oter |
| 9920.00 | 19.30 | 23.83 | 43.13 | 54.00 | 10.87 Ant | Horizontal | botel |
| 12400.00 | uporer * Ar | 19 Lek | nbolek | 54.00 | abotek | Horizontal | per ser |

Remark:

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14880.00

- 1. Result =Reading + Factor
- Anbotek An12. Test frequency are from 1GHz to 25GHz, "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report. AND

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54.00

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Only the worst case is recorded in the report. 3. Anbote

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Shenzhen Anbotek Compliance Laboratory Limited

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Anbotek **APPENDIX I -- TEST SETUP PHOTOGRAPH**

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Please refer to separated files Appendix I -- Test Setup Photograph_RF Anbotek

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APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

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Anbotek End of Report

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