W5 CT

W5CT

WSET

WSET

WS/TEST REPORT WSET

FCC ID: 2AIZN-X1101B

Product: Tablet

Model No.: X1101B

Trade Mark: Infinix

Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Issued Date: 14 November 2024

W5 CT

Issued for:

WSCI

WS CT

INFINIX MOBILITY LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET **FOTAN NT HONGKONG**

WSET

Issued By:

W5 [7] World Standardization Certification & Testing Group(Shenzhen) Co., Ltd.

Building A-B, Baoli'an Industrial Park, No. 58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China

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W5 CT

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World Standardization Certification& Testing Group (Shenzhen) Co.,Ltd

W5 C1







Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| WSET WSET | W5 CT | WSET | WSCT | _/ |

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W5CT





Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Test Certification

Product: Tablet

X1101B

Additional // Model:

WSET

Model No.:

Infinix

Applicant:

INFINIX MOBILITY LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN

MEI STREET FOTAN NT HONGKONG

Manufacturer:

INFINIX MOBILITY LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN

MEI STREET FOTAN NT HONGKONG

Date of Test:

29 September 2024 to 13 November 2024

Applicable Standards:

FCC CFR Title 47 FCC Part 15 Subpart E

The above equipment has been tested by World Standardization Certification & Testing Group(Shenzhen)Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

(Wang Xiang)

Checked By:

(Qin Shuiquan

WSET

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Approved By:

Date: Movem

(Li Huaibi)

WSET

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WS CT

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W5CT



Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

2 **EUT Description**

| | W5CT W5 | CT WSCT WSCT W | SET" |
|----------|----------------------|--|------------|
| | Product: | Tablet | |
| _ | Model No.: | X1101B | |
| 0 | Trade Mark: | Infinix WSCT WSCT WSCT | |
| | Software version: | X1101B-M1101CDEGHIJKL | X |
| | Hardware version: | V1.0 WSCT WSCT W | ET |
| | Operation Frequency: | Band 1: 5180-5240 MHz Band 2: 5260-5320 MHz Band 3: 5500-5700 MHz Band 4: 5745-5825 MHz | |
| | Modulation type: | IEEE 802.11a/n/ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) | X |
| / | Antenna Type: | Internal Antenna VS [7] WS [7] W | 5 C T |
| | Antenna Gain | 1dBi | |
| <u>}</u> | Operating Voltage: | Adapter1: U180XKB Input: 100-240V~50/60Hz 0.6A Output: 5.0V2.4A , 7.5V2.4A 18W max Adapter2: U180XED Input: 100-240V~50/60Hz 0.6A Output: 5.0V2.4A , 7.5V2.4A 18W max Rechargeable Li-ion Polymer Battery: BL-68CX Rated Voltage: 3.85V Rated Capacity: 6800mAh /26.18Wh Typical Capacity: 7000mAh /26.95Wh Limited Charge Voltage: 4.4V | 307 |
| | | | |

Note: 1. N/A stands for no applicable.

2. Antenna gain provided by the customer.

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WSIT

AWSET

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World Standardization Certification& Testing Group(Shenzhen) Co.,L

L: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert



W5 CT



W5CT°

Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

3 TEST DESCRIPTION

3.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}_{\uparrow}$ where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}_{\uparrow}$ providing a level of confidence of approximately $\mathbf{95}$ %.

WSE

| | No. | Item | Uncertainty | |
|------|-----|---|--------------|-------|
| | 1 | Conducted Emission Test | ±3.2dB | |
| W5 | 2 | RF power, conducted | ±0.16dB | WSET |
| | 3 | Spurious emissions, conducted | ±0.21dB | |
| | 4 | All emissions, radiated(<1GHz) | ±4.7dB | |
| WSET | 5 W | All emissions, radiated(>1GHz) | ±4.7dB 5 6 7 | W5CT |
| | 6 | Temperature | ±0.5°C | |
| | 7 | Humidity | ±2% | |
| W5 | 8 | Receiver Spurious Emissions W5/ | ±2.5% W5 [7] | W5 ET |
| | 9 | Transmitter Unwanted Emissions in the Spurious Domain | ±2.5% | |
| WSET | 10 | Transmitter Unwanted Emission in the out-of Band | ±1.3% | WSET |
| | 11 | Occupied Channel Bandwidth | ±2.4% | |
| | | | | |

| WSET | WSET | WSET | WSET | WSET | |
|------|------|----------|------|--------|----|
| | | \times | | SCT WS | TT |
| WSET | WSET | WSET | WSET | WSET | |

| WSET | WSET | WSET | WSET | acation& Testio |
|------|------|------|------|---|
| | | | | S. E. C. S. |

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World Standard ation Certification & Testing Group (Shenzhen) Co.,Lt

ber of the WSCT Group (WSCT 8A)

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WSET

SET







Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

3.2 TEST ENVIRONMENT AND MODE

| Operating Environment: | | |
|--------------------------|--------------------------------|--|
| Temperature: | 25.0 C | |
| Humidity: | 56 % RH | |
| Atmospheric Pressure: W5 | 1010 mbar 15 57 W5 57 | |
| | | |
| Test Mode: | | |
| / - \ / \ | AZ OF ELITE: C. C. C. C. C. C. | |

Enginee

Keep the EUT in continuous transmitting by select channel and modulations(The value of duty cycle is 98.46%)

The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. For the full battery state and The output power to the maximum state.

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

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| | Test Mode | Description | |
|---|--------------|--------------------------|---|
| | Mode 1 | 802.11a | |
| _ | W5 Mode 2 | W5 ET 802.11n20 W5 ET | Ļ |
| | Mode 3 | 802.11n40 | |
| | Mode 4 | 802.11ac20 | |
| / | Mode 5/5 [7] | W5 [T] 802.11ac40 W5 [T] | Í |
| | Mode 6 | 802.11ac80 | |

Note:

15 C I

(1) The measurements are performed at the highest, lowest available channels.

(2) The EUT use new battery.

(3) Record the worst case of each test item in this report.

YSCT WSCT WSCT WSC

WSCT WSCT

W5 CT

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7°

WSIT

SET WSET





W5CT

| Report No.: WS0 | CT-ANAB-R&E24 | 1100056 | A-Wi-Fi2 | | | | 74 | | minue | Cerunca | ate Number : A1-3951 | _ |
|-----------------|---------------|----------|---------------|-----------|--------------|---------------|-------------|-------|-------|---------|----------------------|---|
| \times | | \times | | | X | | | X | | | X | |
| 3.3 TABLE O | F PARAMETER | S OF T | EXT SO | FTWAF | RE SET | TING | | | | | | |
| W5 CT | | SET | | A Comment | 'S E T | | | NS CT | | | W5CT | |
| | | | | | | | | | | | | |
| | Test program | | | *# | *#3646 | 633#*# | * | | | X . | | |
| WSET | W/Mode | | 4 | Test | Freque | ncy (M | Hz) | | /10 | CT | | |
| VIP LA | Mode | | IW 3 L | | NCB: 2 | 0MHz | 7. | | / 17/ | | | |
| X | 802.11a | 5180 | 5240 | 5260 | 5320 | 5500 | 5700 | 5745 | 5825 | | X | |
| | 802.11n | 5180 | 5240 | 5260 | 5320 | 5500 | 5700 | 5745 | 5825 | | | |
| W5CT° | 802.11ac | 5180 | 5240 | 5260 | L V min mile | | 5700 | 5745 | 5825 | _/ | W5CT | |
| | 002.1740 | 0100 | 0210 | | NCB: 4 | | 0,00 | 07 10 | 0020 | | | |
| | 000 44 = | 5400 | 5000 | e e | | | 5070 | -7 | F70F | | | |
| WSET | 802.11n | 5190 | 5230 | 5270 | 5310 | 5510 | 5670 | 5755 | 5795 | ET. | | , |
| | 802.11ac | 5190 | 5230 | 5270 | 5310 | | 5670 | 5755 | 5795 | | | _ |
| X | | X | | | NCB: 8 | 0MHz | | X | | | X | |
| | 802.11ac | 5210 | 5290 | 5530 | | 5775 | | | | | | |
| W5 [T | W | 5 E T L | $\overline{}$ | _/W | SET | $\overline{}$ | | V5 CT | | -/ | W5 CT | |
| | | | | | | | | | | / | | |
| | | | | | | | | | | | | |
| WSET | WSLT | | W5 C | 7° | | W5 | CT° | | W | ET | | / |
| | | | | | | | | | | | | |
| X | | X | | | X | | | X | | | X | |
| | | | | | | | / | /// | | | August 1 | |
| WSET | W | SET° | | / 17 | 'S ET' | \ | | W5 | - | -/ | WS CT | |
| | \times | | X | | | | | | | X | | |
| | | | | | | | | | | | | |
| WSET | WSLT | | W5C | 7 | | W5 | ET ° | | W | ET | | _ |
| | | | | | | | | | | | | |
| | , | | | | X | | | | | | | |
| WSET | W | SET | | | SET | | / | W5 CT | | | WSET | |
| | | | | / | | $\overline{}$ | | 12171 | | _ | | |
| X | X | | X | | | \rightarrow | | | | X | | |
| | | | | | | | | | | | | |
| WSET | WSET | | W5C | | | W5 | <i>[7</i>] | | W | ET | | / |
| | | / | | | / | | | / | | | | |
| | | | | | | | | | | | | |
| WSET | W | SET | | W | SET | | / | W5 ET | | cations | tes. | |
| \/ | | | | | | | / | | V | Cartiff | ET* | |
| X | X | | X | | | > | | | ation | WS | CT P(Sh | |
| | | | | | | | | | P | 1 | 9 | |

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Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

CONFIGURATION OF SYSTEM UNDER TEST

WSCT WSCT WSCT WSCT WSCT

AC Mains
USB Cable
EUT

WSCT WSCT WSCT WSCT

(EUT: Tablet)

3.4 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

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.

| Item | Equipment Mfr/Brand | | Model/Type No. | Series No. | Note | |
|------|---------------------|------|----------------|--------------|------|---|
| 7 | Adapter | WSET | Adapter1/2 | WSET | 1 | 1 |
| 2 | Router | ASUS | GT-AXE11000 | M6LAJF201230 | /// | |

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in [Length | column.

| | (3) "YES" is mea | one type I/O cable should ans "shielded" "with core supply by the applicant. | e"; "NO" is means "ur | | |
|------|------------------|--|-----------------------|-------|---------------------|
| | WSET | W5ET° | WSET | W5 CT | W5 CT |
| WSET | W5 L | WSL | T W | SCT W | VSET . |
| | WSET | WSET | WSET | WSET | WSCT |
| WSCT | | $\langle \ \rangle$ | | | YSET |
| | WSET | WSCT | WSET | WSET | illications Testing |
| WSET | \rangle | $\langle \hspace{0.1cm} \rangle$ | 7 | 567 | C Coup (Shenzhon) |

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W5 C7

W5 C7

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W5 CT



Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| VS ET® | SET |
|--------|-----|
|--------|-----|

| E I | | FCC Part15 Subpart C&E | | |
|-----|-----------------------|--|----------|--------------|
| | Standard Section | Test Item | Judgment | Remark |
| | 2.1049 15.403(i) | 26dB & 99% Bandwidth | PASS | Complies |
| / | 15.407(e) | 6dB Spectrum Bandwidth | PASS | Complies |
| | 15.407(a) | Maximum Conducted Output Power | PASS | Complies |
| E1 | 15.407(a) | Power Spectral Density | PASS | Complies |
| | 15.407(b) | Unwanted Emissions | PASS | Complies |
| | 15.2075 <i>[</i>] | AC Conducted Emission W5LT | PASS W5 | Complies |
| < | 15.407(g) | Frequency Stability | PASS | Complies |
| E1 | 15.407(c) W5C | Automatically Discontinue Transmission | PASS | Complies 5 7 |
| | 15.203 & 15.407(a) | Antenna Requirement | PASS | Complies |
| | 15.407(h) | Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) | PASS WS | Complies |
| | | | | |

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

W5 ET W5 E1 W5 CI W5 E1

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W5CT



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5 MEASUREMENT INSTRUMENTS

| | WSCT | WSCT | WSCT | N /N | IS CT | W5 | Г |
|------------|--|---------------------------|------------------|------------------|---------------------|---------------------|---|
| | NAME OF EQUIPMENT | MANUFACTURER | MODEL | SERIAL NUMBER | Calibration Date | Calibration Due. | |
| 7 | Test software | W | C7EZ-EMC | CON-03A | W | ET° | |
| | Test software | | MTS8310 | - | V- | - \ | |
| | EMI Test Receiver | R&S | ESCI | 100005 | 11/05/2024 | 11/04/2025 | |
| _ | W5 LISN | AFJ AFJ | LS165 [7 | 16010222119 | 11/05/2024 | 11/04/2025 | Ľ |
| | LISN(EUT) | Mestec | AN3016 | 04/10040 | 11/05/2024 | 11/04/2025 | |
| 7 | Universal Radio Communication Tester | R&S W | CMU 200 | 1100.0008.02 | 11/05/2024 | 11/04/2025 | |
| | Coaxial cable | Megalon | LMR400 | N/A | 11/05/2024 | 11/04/2025 | 1 |
| | GPIB cable | Megalon | GPIB | N/A | 11/05/2024 | 11/04/2025 | |
| - | Spectrum Analyzer | R&S | FSU ⁵ | 100114 | 11/05/2024 | 11/04/2025 | L |
| | Pre Amplifier | H.P. | HP8447E | 2945A02715 | 11/05/2024 | 11/04/2025 | |
| | Pre-Amplifier | CDSI | PAP-1G18-38 | 777 | 11/05/2024 | 11/04/2025 | |
| | Bi-log Antenna | SCHWARZBECK | VULB9168 | 01488 | 7/29/2024 | 7/28/2025 | |
| | 9*6*6 Anechoic | X- | X | | 11/05/2024 | 11/04/2025 | |
| | Horn Antenna | COMPLIANCE ENGINEERING | CE18000 | - / | 11/05/2024 | 11/04/2025 | £ |
| | Horn Antenna | SCHWARZBECK | BBHA9120D | 9120D-631 | 11/05/2024 | 11/04/2025 | |
| | Cable | TIME MICROWAVE | LMR-400 | N-TYPE04 | 11/05/2024 | 11/04/2025 | |
| 7 ° | System-Controller | ccs | CT N/A | W N/A | N.C.RV | C N.C.R | |
| | Turn Table | ccs | N/A | N/A | N.C.R | N.C.R | 1 |
| | Antenna Tower | ccs | N/A | N/A | N.C.R | N.C.R | |
| 7 | RF cable | Murata | MXHQ87WA300 0 | | 11/05/2024 | 11/04/2025 | £ |
| | Loop Antenna | EMCO | 6502 | 00042960 | 11/05/2024 | 11/04/2025 | |
| 7 | Horn Antenna | SCHWARZBECK | BBHA 9170 | 1123 | 11/05/2024 | 11/04/2025 | |
| | Power meter | Anritsu | ML2487A | 6K00003613 | 11/05/2024 | 11/04/2025 | |
| | Power sensor | Anritsu | MX248XD | | 11/05/2024 | 11/04/2025 | |
| | Spectrum Analyzer | Keysight | N9010B | MY60241089 | 11/05/2024 | 11/04/2025 | Ţ |

VS CT WS

AW5 CT

WS CT

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World Standard Lation Certification & Testing Group (Shenzhen) Co., L

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Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Facilities and Accreditations

6.1 FACILITIES

All measurement facilities used to collect the measurement data are located at Building A-B, Baoli'an Industrial Park, No. 58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China of the World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2 ACCREDITATIONS

ANAB - Certificate Number: AT-3951

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB). Certification Number: AT-3951

| WS | ET WS | W | SET | VS CT | WSET |
|------|-------|----------------------------------|----------|-------------|-----------------------------|
| WSCT | WSCT | WSET | WSET | WSCT | |
| W/s | | $\langle \hspace{0.1cm} \rangle$ | \times | WSCT | WSCT |
| WSCT | WSCT | WSET | WSET | WSCT | |
| | ET WS | $\langle \hspace{0.1cm} \rangle$ | SET | WSCT | WSCT |
| WSCT | WSCT | WSET | WSET | WSCT | |
| W/5 | | $\langle \hspace{0.1cm} \rangle$ | \times | \times | në Testa |
| WSET | WSCT | WSET | WSCT | A Mario Co. | n& Testing Group (Shenzhen) |

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W5C



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WS CI



Test Results and Measurement Data 7

7.1 CONDUCTED EMISSION MEASUREMENT

POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

| 7 | FREQUENCY (MHz) | Class A (dBuV) | | Class B (dBuV) | | Standard |
|---|------------------|----------------|---------|----------------|-----------|----------|
| | FREQUENCT (MITZ) | Quasi-peak | Average | Quasi-peak | Average | Standard |
| | 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * | FCC |
| | w 5 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 | FCC |
| | 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 | FCC |

Note:

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

The following table is the setting of the receiver

| , | Receiver Parameters | Setting |
|---|---------------------|------------|
| | Attenuation | 10 dB |
| 1 | Start Frequency | 0.15 MHz |
| Ż | Stop Frequency W5ET | W5 [30 MHz |
| | IF Bandwidth | 9 kHz |

| WSET | WSET | WSET | WSET | WSET | |
|------|-------|-------|-------|-------|-----|
| W5 | ET WS | ET WS | CT WS | CT W: | ET. |
| WSET | W5LT | WSCT | WSET | WSCT | |
| | | | | | |

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7.1.1 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to W51 the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

IWS CT

7.2 DEVIATION FROM TEST STANDARD

No deviation

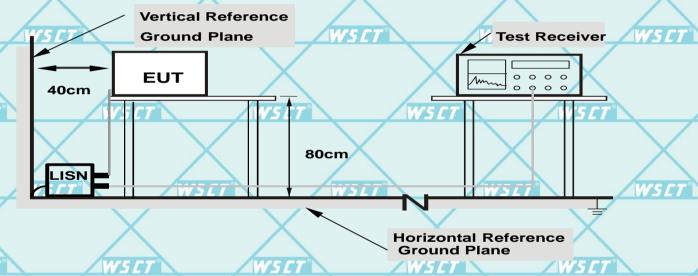
W5 CT W5 C

W5CT

W5 CT

TEST SETUP

WSCI



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

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

7.2.1 EUT OPERATING CONDITIONS

The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

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Frequency

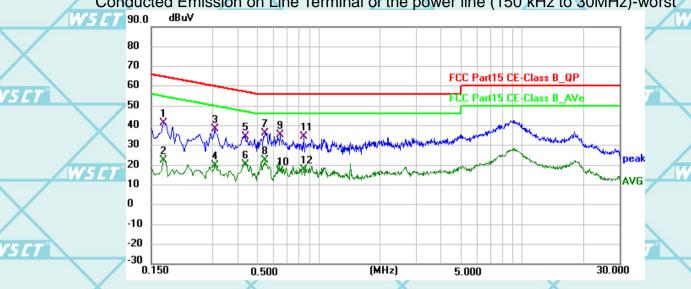
0.8430

Reading

7.2.2 **TEST RESULTS**

Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)-worst

W5 CI



| | 5 | L | T |
|--|---|---|---|
| | | | |
| | | | |

WS CT

No

12

(MHz) (dBuV) (dB) (dBuV) (dBuV) (dB) 1 0.1725 20.56 20.71 41.27 64.84 -23.57QP 2 20.71 -32.340.1725 1.79 22.50 54.84 AVG 3 0.3075 20.63 60.04 QP 17.53 38.16 -21.884 0.3075 -0.7920.63 19.84 50.04 -30.20AVG 5 0.4335 20.55 57.19 -22.55QP 14.09 34.64 6 0.4335 0.00 20.55 20.55 47.19 -26.64**AVG** 7 * 56.00 QP 0.5415 15.67 20.52 36.19 -19.818 0.5415 1.93 20.52 22.45 46.00 -23.55AVG QP 9 0.6450 14.84 20.53 35.37 56.00 -20.6310 -3.72-29.19AVG 0.6450 20.53 16.81 46.00 11 0.8430 13.71 20.60 34.31 56.00 -21.69QP

Factor

Level

17.76

Limit

46.00

Margin

Detector

AVG

Remark: All the modes have been investigated, and only worst mode is presented in this report.

20.60

-2.84

WSC

WSE

-28.24

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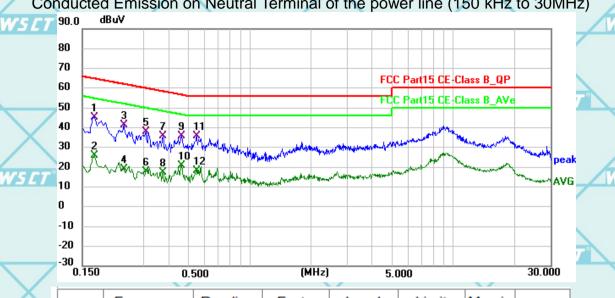




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Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)

WS CI



WSET

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W5 CT

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|--------------------|----------------|----------------|-----------------|-----------------|----------------|----------|
| 1 * | 0.1725 | 24.68 | 20.71 | 45.39 | 64.84 | -19.45 | QP |
| 2 | 0.1725 | 5.13 | 20.71 | 25.84 | 54.84 | -29.00 | AVG |
| 3 | 0.2400 | 20.59 | 20.67 | 41.26 | 62.10 | -20.84 | QP |
| 4 | 0.2400 | -1.57 | 20.67 | 19.10 | 52.10 | -33.00 | AVG |
| 5 | 0.3075 | 17.37 | 20.63 | 38.00 | 60.04 | -22.04 | QP |
| 6 | 0.3075 | -2.63 | 20.63 | 18.00 | 50.04 | -32.04 | AVG |
| 7 | 0.3750 | 15.10 | 20.59 | 35.69 | 58.39 | -22.70 | QP |
| 8 | 0.3750 | -3.03 | 20.59 | 17.56 | 48.39 | -30.83 | AVG |
| 9 | 0.4605 | 15.24 | 20.53 | 35.77 | 56.68 | -20.91 | QP |
| 10 | 0.4605 | 0.08 | 20.53 | 20.61 | 46.68 | -26.07 | AVG |
| 11 | 0.5460 | 15.24 | 20.52 | 35.76 | 56.00 | -20.24 | QP |
| 12 | 0.5460 | -2.18 | 20.52 | 18.34 | 46.00 | -27.66 | AVG |
| | | | | | | | |

Note1:

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard

 $Margin (dB) = Measurement (dB\mu V) - Limits (dB\mu V)$

Q.P. =Quasi-Peak AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

For multiple adapters, the report only displays the adapter with the worst data.

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WSET

W5E

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VS ET

CT° W







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7.3 RADIATED EMISSION MEASUREMENT

Radiated Emission Limits (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

WS CI

| | Frequencies | Field Strength | Measurement Distance | |
|---|-----------------|--------------------|--------------------------|---|
| 1 | (MHz) | (micorvolts/meter) | (meters) | |
| | 0.009~0.490 | 2400/F(KHz) | 300 | |
| | 0.490~1.705 | 24000/F(KHz) | 30 | |
| V | 1.705~30.0 W5 L | 30 W5 C7 | 30 | |
| | 30~88 | 100 | 3 | - |
| | 88~216 | 150 | 3 | |
| _ | 216~960 | W5 ET 200 | W5LT 3 W5L | 7 |
| | Above 960 | 500 | 3 | |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Limit (dBuV/m) (at 3M) FREQUENCY (MHz) **PEAK AVERAGE** Above 1000 15 E 174 54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.

Spectrum Parameter

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

| | • | |
|-------|-----------------|----------------|
| W5 CT | Attenuation | 5 CT W5 C Auto |
| | Start Frequency | 1000 MHz |
| | X X | V |

| Stop Frequency | 10th carrier harmonic |
|---------------------------------|---|
| RB / VB (emission in restricted | 1 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average |
| band) | TWINE TO TOOK, TWINE THE TOTAL TOTAL |

| | Receiver Parameter | Setting |
|---------------------|------------------------|-------------------------------|
| W5CT [®] N | Attenuation | 5 Auto W5 |
| | Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP |
| | Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP |
| | | |

Start ~ Stop Frequency

30MHz~1000MHz / RB 120kHz for QP

Setting

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WSCT

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1011 NO.: VVSC1-ANAD-R&E241100050A-VVI-F12

7.3.1 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.
 Note:

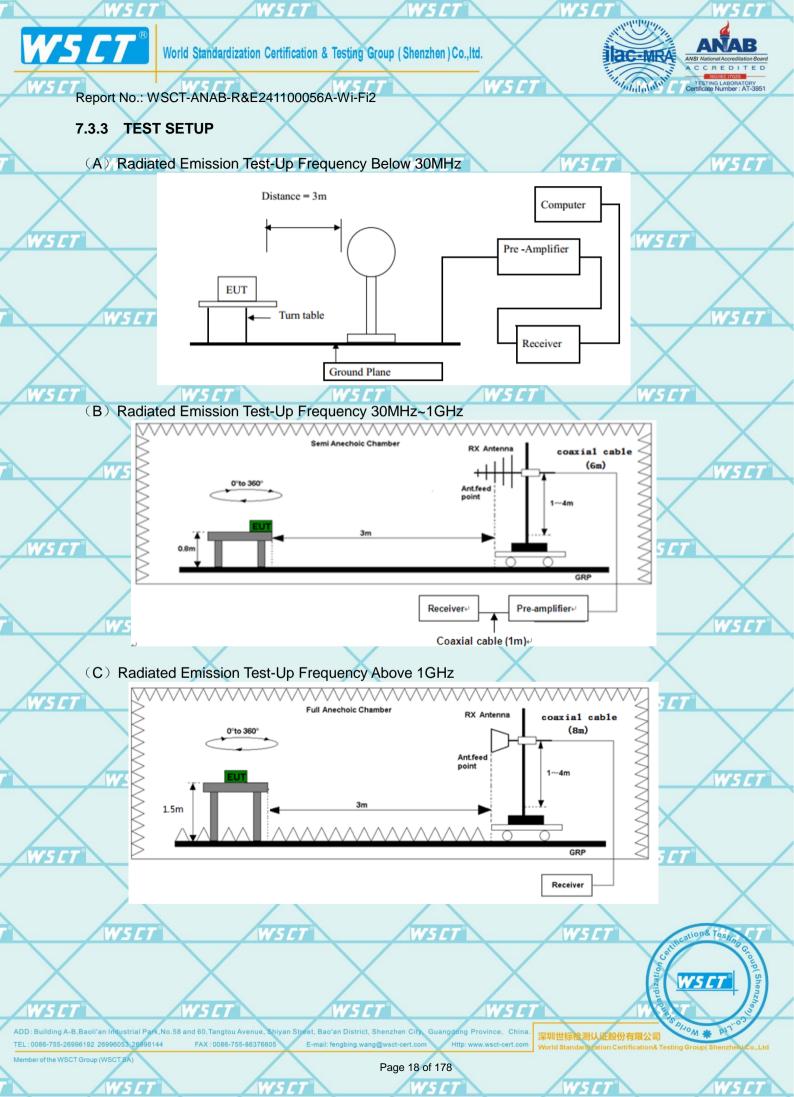
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

| | orthogonal axis. The wor | rst case emissions were re | ported | | |
|------|--------------------------|----------------------------|----------|--------------|------------------------|
| 7.3. | | TEST STANDARD W | SET W | ET | WSET |
| WSCT | No deviation | WSET | WSET | WSCT | |
| | X | \times | \times | SET | WSET |
| WSET | WSCT | WSET | WSET | WSET | |
| | X | \times | SET W | SET | WSET |
| WSCT | WSCT | WSET | WSET | WSCT | |
| | W5 CT | WSET W | SET W | SET scations | Testin T |
| | | | | varion WSL | Testing Group (Shenzhe |

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VSCT WSCT



WSET

W5 ET

ANAB ANSI National Accreditation Bi A C C R E D LITE



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WSCI

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Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

W5CT

7.3.4 EUT OPERATING CONDITIONS

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

7.3.5 RESULTS (BELOW 30 MHZ)

| Freq. | Reading | Limit | Margin | State |
|-------|----------|----------|--------|-------|
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | P/F |
| | | - | - | P |
| X | X | -X | X | Р |

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4:5 The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

| WSET | WSET | WSET | WS ET | WSET |
|------|--------|------|----------------------------------|------|
| | SET WS | | $\langle \hspace{0.1cm} \rangle$ | ET . |
| WSET | WSLT | WSET | W5 ET | WSET |
| | SET WS | | $\langle \hspace{0.1cm} \rangle$ | CT . |
| | | | | |

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W5/T°





Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

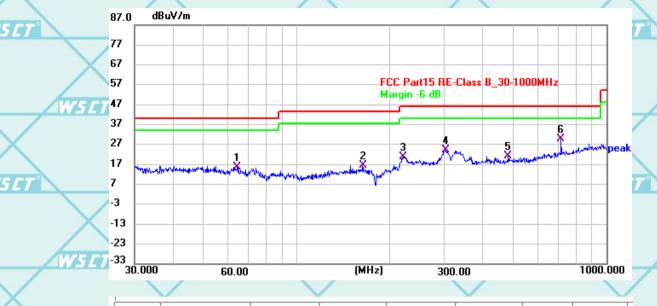
TEST RESULTS (BETWEEN 30M - 1000 MHZ)

Please refer to following diagram for individual

WSCI

Horizontal:





W5E

Frequency Reading Factor Limit Margin Level Detector No. (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1 64.5179 36.72 -21.1815.54 40.00 -24.46 QP 2 163.3249 QP 36.61 -19.9716.64 43.50 -26.863 QP 221.0043 44.37 -23.7320.64 46.00 -25.36 4 303.5437 44.39 -20.0924.30 46.00 -21.70 QP 5 482.4270 36.99 -15.81 21.18 46.00 -24.82 QP 6 * 714.1734 41.67 -12.0729.60 46.00 -16.40QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

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W5CT"

Vertical:



W5 CT

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | |
|-----|--------------------|-------------------|------------------|-------------------|-------------------|----------------|----------|---|
| 1 | 40.9163 | 41.79 | -18.90 | 22.89 | 40.00 | -17.11 | QP | |
| 2 | 53.2946 | 38.79 | -19.02 | 19.77 | 40.00 | -20.23 | QP | |
| 3 | 71.4239 | 43.46 | -22.45 | 21.01 | 40.00 | -18.99 | QP | |
| 4 | 86.2379 | 53.49 | -23.90 | 29.59 | 40.00 | -10.41 | QP | |
| 5 | 164.6186 | 39.84 | -20.03 | 19.81 | 43.50 | -23.69 | QP | Ī |
| 6 * | 827.1308 | 47.82 | -10.62 | 37.20 | 46.00 | -8.80 | QP | |

Note1:

W5ET

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

WSET

Measurement ($dB\mu V$) = Reading level ($dB\mu V$) + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

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W5 CT

WSET

WSET*

W5 CT

WSET

WELT

AWSET

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WSET

WS CT WS







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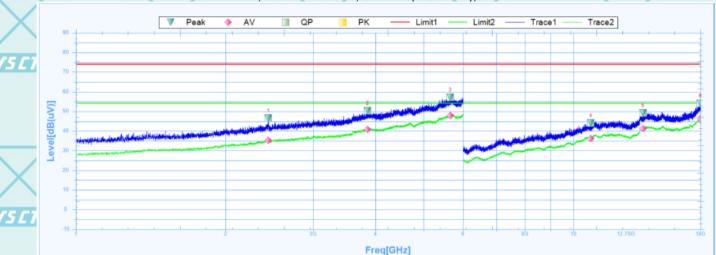
7.3.7 TEST RESULTS (ABOVE 1GHZ)

Note: 1. The spurious above 18G is noise only, do not show on the report.

2. Report and only recorded the worst-case scenario 802.11a.

11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT H

W5CT



Susputed Data List Reading Factor Level Limit Margin Deg Freq. NO. **Polarity** Verdict Trace [dB(uV)] [dB] [dB] [MHz] [dB(uV)] [dB] [°] 2436.8750 46.48 27.39 19.09 74 -27.52 204.4 Horizontal PΚ Pass Pass 35.29 27.39 7.9 54 -18.71 204.4 ΑV 2436.8750 Horizontal 2 50.33 29.36 20.97 74 -23.67 174.6 PK Pass 3856.8750 Horizontal 40.93 29.36 54 -13.07 174.6 ΑV 2 3856.8750 11.57 Horizontal Pass 3 5658,7500 57.13 32.25 24.88 74 -16.87 359.6 PK Pass Horizontal 3 5658.7500 47.94 32.25 15.69 54 -6.06 359.6 ΑV Horizontal Pass 10840.5000 44.1 14.84 29.26 74 -29.9 115.3 Horizontal PΚ Pass 10840.5000 36.26 14.84 21.42 54 -17.74 115.3 ΑV Pass Horizontal 5 49.18 74 -24.82 PK 13795.5000 18.53 30.65 360 Pass Horizontal 5 54 -12.84 ΑV 13795.5000 41.16 18.53 22.63 360 Horizontal Pass PK Pass 6 17998.5000 53.97 23.92 30.05 74 -20.03 352.9 Horizontal 17998.5000 46.35 23.92 22.43 54 -7.65 352.9 Horizontal ΑV Pass

| | WSET | WSET | WSET | W5 ET | WSET |
|------|-------------|------|-----------|--------------|--------|
| | \setminus | | \langle | \checkmark | \vee |
| WSET | WSE | 7 W- | TET V | V5.ET | VS CT |
| | | | | | |

VSCT WSCT WSCT WSCT

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WSET

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tion& Tes

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W5 CT W5



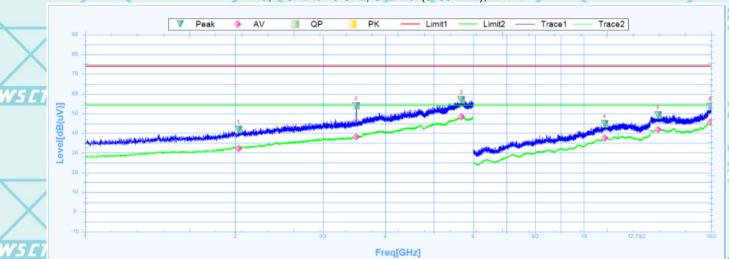




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

W5CT

11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT V



| | Susputed Data List | | | | | | | | | | | |
|----------|--------------------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|--|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict | |
| _ | 1 | 2028.7500 | 41.99 | 26 | 15.99 | 74 | -32.01 | 359.9 | Vertical | PK | Pass | |
| | 1 | 2028.7500 | 32.25 | 26 | 6.25 | 54 | -21.75 | 359.9 | Vertical | AV | Pass | |
| | 2 | 3497.5000 | 53.8 | 28.5 | 25.3 | 74 | -20.2 | 339.8 | Vertical | PK | Pass | |
| 7 | 2 | 3497.5000 | 38.15 | 28.5 | 9.65 | 54 | -15.85 | 339.8 | Vertical | AV | Pass | |
| 5 | 3 | 5681.2500 | 57 | 32.29 | 24.71 | 74 | -17 | 345.8 | Vertical | PK | Pass | |
| | 3 | 5681.2500 | 48.33 | 32.29 | 16.04 | 54 | -5.67 | 345.8 | Vertical | AV | Pass | |
| | 4 | 11005.5000 | 44.69 | 15.64 | 29.05 | 74 | -29.31 | 359.5 | Vertical | PK | Pass | |
| | 4 | 11005.5000 | 37.4 | 15.64 | 21.76 | 54 | -16.6 | 359.5 | Vertical | AV | Pass | |
| | 5 | 14083.5000 | 49.28 | 19.04 | 30.24 | 74 | -24.72 | 350.6 | Vertical | PK | Pass | |
| | 5 | 14083.5000 | 42.01 | 19.04 | 22.97 | 54 | -11.99 | 350.6 | Vertical | AV | Pass | |
| | 6 | 17925.0000 | 53.4 | 23.42 | 29.98 | 74 | -20.6 | 217.3 | Vertical | PK | Pass | |
| | 6 | 17925.0000 | 45.7 | 23.42 | 22.28 | 54 | -8.3 | 217.3 | Vertical | AV | Pass | |

W5 C

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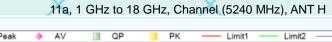






Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

W5CT





| 1 | Suspu | ited Data Lis | st | | | | | | | | |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2843.1250 | 45.4 | 28.01 | 17.39 | 74 | -28.6 | 31.5 | Horizontal | PK | Pass |
| | 1 | 2843.1250 | 36.23 | 28.01 | 8.22 | 54 | -17.77 | 31.5 | Horizontal | AV | Pass |
| | 2 | 3517.5000 | 54.48 | 28.54 | 25.94 | 74 | -19.52 | 77 | Horizontal | PK | Pass |
| | 2 | 3517.5000 | 38.07 | 28.54 | 9.53 | 54 | -15.93 | 77 | Horizontal | AV | Pass |
| 5 | 3 | 5970.6250 | 57.08 | 32.75 | 24.33 | 74 | -16.92 | 320.9 | Horizontal | PK | Pass |
| 4 | 3 | 5970.6250 | 47.29 | 32.75 | 14.54 | 54 | -6.71 | 320.9 | Horizontal | AV | Pass |
| | 4 | 11113.5000 | 44.79 | 15.86 | 28.93 | 74 | -29.21 | 16.5 | Horizontal | PK | Pass |
| | 4 | 11113.5000 | 37.61 | 15.86 | 21.75 | 54 | -16.39 | 16.5 | Horizontal | AV | Pass |
| | 5 | 14320.5000 | 49.53 | 18.79 | 30.74 | 74 | -24.47 | 79.8 | Horizontal | PK | Pass |
| | 5 | 14320.5000 | 42.04 | 18.79 | 23.25 | 54 | -11.96 | 79.8 | Horizontal | AV | Pass |
| | 6 | 17995.5000 | 54.18 | 23.9 | 30.28 | 74 | -19.82 | 100.2 | Horizontal | PK | Pass |
| | 6 | 17995.5000 | 46.63 | 23.9 | 22.73 | 54 | -7.37 | 100.2 | Horizontal | AV | Pass |

| W5 C1 | ° W5 | CT° W5 | CT W. | CT° W. | ET |
|-------|------|--------|-------|--------|-------|
| | | | | | |
| | X | X | X | X | X |
| | | | | | |
| | WSET | W5 CT | W5 CT | W5 CT | W5 CT |
| | | | | | |

W5 CT W5 C1

FAX: 0086-755-86376605



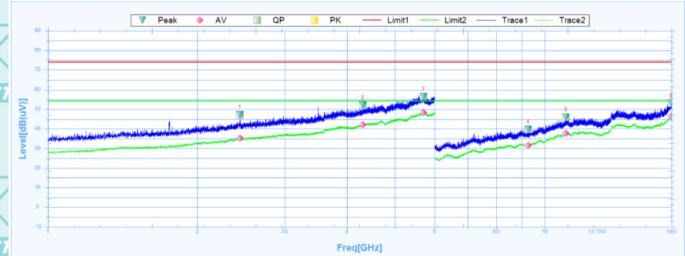




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

W5CT"





W5 E1

Susputed Data List

| | Juspu | Jusputeu Data List | | | | | | | | | | | |
|---|-------|--------------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|--|--|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict | | |
| | 1 | 2435.0000 | 47.26 | 27.38 | 19.88 | 74 | -26.74 | 93.8 | Vertical | PK | Pass | | |
| / | 1 | 2435.0000 | 35.32 | 27.38 | 7.94 | 54 | -18.68 | 93.8 | Vertical | AV | Pass | | |
| \ | 2 | 4306.2500 | 52.01 | 30.25 | 21.76 | 74 | -21.99 | 360 | Vertical | PK | Pass | | |
| ļ | 2 | 4306.2500 | 42.16 | 30.25 | 11.91 | 54 | -11.84 | 360 | Vertical | AV | Pass | | |
| L | 3 | 5696.8750 | 56.58 | 32.32 | 24.26 | 74 | -17.42 | 281.4 | Vertical | PK | Pass | | |
| | 3 | 5696.8750 | 48.25 | 32.32 | 15.93 | 54 | -5.75 | 281.4 | Vertical | AV | Pass | | |
| | 4 | 9262.5000 | 39.82 | 10.26 | 29.56 | 74 | -34.18 | 53.5 | Vertical | PK | Pass | | |
| | 4 | 9262.5000 | 31.62 | 10.26 | 21.36 | 54 | -22.38 | 53.5 | Vertical | AV | Pass | | |
| | 5 | 11031.0000 | 45.94 | 15.71 | 30.23 | 74 | -28.06 | 237.7 | Vertical | PK | Pass | | |
| | 5 | 11031.0000 | 37.76 | 15.71 | 22.05 | 54 | -16.24 | 237.7 | Vertical | AV | Pass | | |
| | 6 | 17982.0000 | 52.9 | 23.8 | 29.1 | 74 | -21.1 | 359.5 | Vertical | PK | Pass | | |

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DD: Building A-B,Baoil'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China.

EL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert.com

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W5CT°

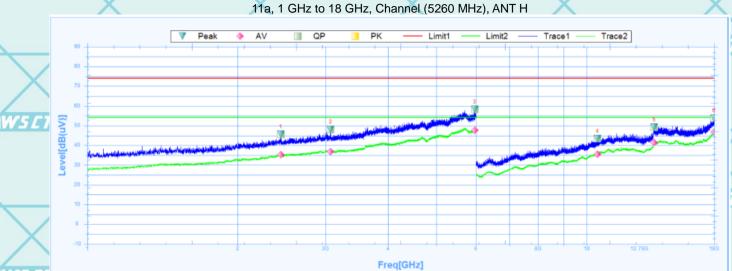






Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| | Suspu | ited Data Lis | st | | | | | | | | | 7 |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|---|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict | |
| | 1 | 2438.1250 | 45.67 | 27.39 | 18.28 | 74 | -28.33 | 145.1 | Horizontal | PK | Pass | 7 |
| | 1 | 2438.1250 | 35.34 | 27.39 | 7.95 | 54 | -18.66 | 145.1 | Horizontal | AV | Pass | |
| | 2 | 3070.0000 | 48.03 | 28.24 | 19.79 | 74 | -25.97 | 148.7 | Horizontal | PK | Pass | |
| 1 | 2 | 3070.0000 | 36.93 | 28.24 | 8.69 | 54 | -17.07 | 148.7 | Horizontal | AV | Pass | |
| | 3 | 5965.0000 | 58.25 | 32.74 | 25.51 | 74 | -15.75 | 255.1 | Horizontal | PK | Pass | |
| - | 3 | 5965.0000 | 47.63 | 32.74 | 14.89 | 54 | -6.37 | 255.1 | Horizontal | AV | Pass | |
| | 4 | 10510.5000 | 43.4 | 13.97 | 29.43 | 74 | -30.6 | 52.2 | Horizontal | PK | Pass | |
| | 4 | 10510.5000 | 35.62 | 13.97 | 21.65 | 54 | -18.38 | 52.2 | Horizontal | AV | Pass | |
| | 5 | 13651.5000 | 49.29 | 18.12 | 31.17 | 74 | -24.71 | 93 | Horizontal | PK | Pass | |
| | 5 | 13651.5000 | 41.5 | 18.12 | 23.38 | 54 | -12.5 | 93 | Horizontal | AV | Pass | 4 |
| / | 6 | 17992.5000 | 53.77 | 23.88 | 29.89 | 74 | -20.23 | 78.6 | Horizontal | PK | Pass | |
| | 6 | 17992.5000 | 46.78 | 23.88 | 22.9 | 54 | -7.22 | 78.6 | Horizontal | AV | Pass | |

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D: Building A-B, Baoll'an Industrial Park, No. 58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China,

Member of the WSCT Group (WSCT SA)

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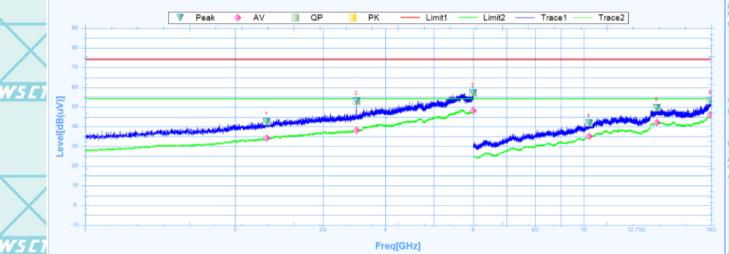




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| | Suspu | ited Data Lis | st | | | | | | | | |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2311.2500 | 42.68 | 26.96 | 15.72 | 74 | -31.32 | 153.5 | Vertical | PK | Pass |
| / | 1 | 2311.2500 | 34.14 | 26.96 | 7.18 | 54 | -19.86 | 153.5 | Vertical | AV | Pass |
| | 2 | 3498.1250 | 53.07 | 28.5 | 24.57 | 74 | -20.93 | 337.6 | Vertical | PK | Pass |
| | 2 | 3498.1250 | 38.12 | 28.5 | 9.62 | 54 | -15.88 | 337.6 | Vertical | AV | Pass |
| L | 3 | 5988.1250 | 57.24 | 32.78 | 24.46 | 74 | -16.76 | 9.2 | Vertical | PK | Pass |
| | 3 | 5988.1250 | 48.08 | 32.78 | 15.3 | 54 | -5.92 | 9.2 | Vertical | AV | Pass |
| | 4 | 10230.0000 | 41.95 | 13.07 | 28.88 | 74 | -32.05 | 0 | Vertical | PK | Pass |
| | 4 | 10230.0000 | 35.01 | 13.07 | 21.94 | 54 | -18.99 | 0 | Vertical | AV | Pass |
| | 5 | 13989.0000 | 49.76 | 19.09 | 30.67 | 74 | -24.24 | 359.5 | Vertical | PK | Pass |
| , | 5 | 13989.0000 | 42.05 | 19.09 | 22.96 | 54 | -11.95 | 359.5 | Vertical | AV | Pass |
| / | 6 | 17922.0000 | 53.29 | 23.4 | 29.89 | 74 | -20.71 | 348.5 | Vertical | PK | Pass |
| | 6 | 17922.0000 | 46.02 | 23.4 | 22.62 | 54 | -7.98 | 348.5 | Vertical | AV | Pass |

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深圳世标检测认证股份有限公司

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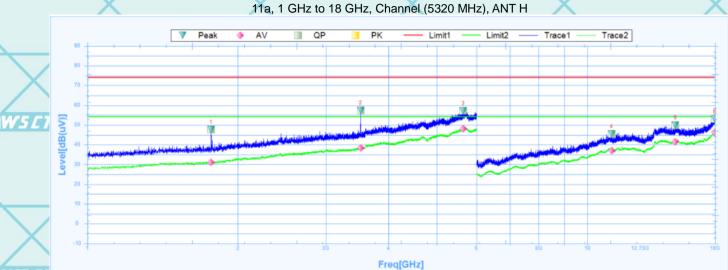






Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| | Suspu | ited Data Lis | st | | | | | | | | | |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|----|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict | |
| | 1 | 1766.8750 | 47.71 | 24.98 | 22.73 | 74 | -26.29 | 3.8 | Horizontal | PK | Pass | ij |
| | 1 | 1766.8750 | 31.13 | 24.98 | 6.15 | 54 | -22.87 | 3.8 | Horizontal | AV | Pass | |
| | 2 | 3520.0000 | 57.39 | 28.55 | 28.84 | 74 | -16.61 | 360.1 | Horizontal | PK | Pass | |
| | 2 | 3520.0000 | 38.38 | 28.55 | 9.83 | 54 | -15.62 | 360.1 | Horizontal | AV | Pass | |
| | 3 | 5648.1250 | 57.13 | 32.24 | 24.89 | 74 | -16.87 | 49.5 | Horizontal | PK | Pass | |
| | 3 | 5648.1250 | 48.07 | 32.24 | 15.83 | 54 | -5.93 | 49.5 | Horizontal | AV | Pass | 7 |
| | 4 | 11181.0000 | 45.47 | 15.77 | 29.7 | 74 | -28.53 | 118.1 | Horizontal | PK | Pass | |
| | 4 | 11181.0000 | 37.14 | 15.77 | 21.37 | 54 | -16.86 | 118.1 | Horizontal | AV | Pass | |
| | 5 | 15001.5000 | 49.8 | 18.93 | 30.87 | 74 | -24.2 | 353.8 | Horizontal | PK | Pass | |
| | 5 | 15001.5000 | 41.55 | 18.93 | 22.62 | 54 | -12.45 | 353.8 | Horizontal | AV | Pass | 7 |
| / | 6 | 17980.5000 | 53.06 | 23.79 | 29.27 | 74 | -20.94 | 358.9 | Horizontal | PK | Pass | |
| | 6 | 17980.5000 | 46.26 | 23.79 | 22.47 | 54 | -7.74 | 358.9 | Horizontal | AV | Pass | |

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W5 E1 W5 C1 W5 E1 W5E7

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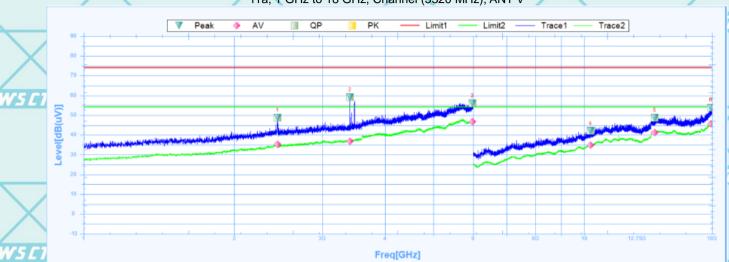




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

11a, 1 GHz to 18 GHz, Channel (5320 MHz), ANT V

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| | Suspu | ıted Data Lis | it | | | | | | | | |
|-----|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2438.1250 | 48.81 | 27.39 | 21.42 | 74 | -25.19 | 263.8 | Vertical | PK | Pass |
| / | 1 | 2438.1250 | 35.37 | 27.39 | 7.98 | 54 | -18.63 | 263.8 | Vertical | AV | Pass |
| 1 | 2 | 3404.3750 | 59.1 | 28.44 | 30.66 | 74 | -14.9 | 263.8 | Vertical | PK | Pass |
| | 2 | 3404.3750 | 36.8 | 28.44 | 8.36 | 54 | -17.2 | 263.8 | Vertical | AV | Pass |
| E I | 3 | 5976.8750 | 56.07 | 32.76 | 23.31 | 74 | -17.93 | -0.1 | Vertical | PK | Pass |
| | 3 | 5976.8750 | 46.81 | 32.76 | 14.05 | 54 | -7.19 | -0.1 | Vertical | AV | Pass |
| | 4 | 10299.0000 | 42.23 | 13.29 | 28.94 | 74 | -31.77 | 277.8 | Vertical | PK | Pass |
| | 4 | 10299.0000 | 34.78 | 13.29 | 21.49 | 54 | -19.22 | 277.8 | Vertical | AV | Pass |
| | 5 | 13825.5000 | 48.77 | 18.62 | 30.15 | 74 | -25.23 | 133.2 | Vertical | PK | Pass |
| | 5 | 13825.5000 | 41.37 | 18.62 | 22.75 | 54 | -12.63 | 133.2 | Vertical | AV | Pass |
| | 6 | 17907.0000 | 53.96 | 23.31 | 30.65 | 74 | -20.04 | 0.5 | Vertical | PK | Pass |
| | 6 | 17907.0000 | 45.77 | 23.31 | 22.46 | 54 | -8.23 | 0.5 | Vertical | AV | Pass |

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FAX: 0086-755-86376605

深圳世标检测认证股份有限公司

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Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| L | Suspu | ited Data Lis | st | | | | | | | | |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2410.6250 | 47.42 | 27.3 | 20.12 | 74 | -26.58 | 169 | Horizontal | PK | Pass |
| , | 1 | 2410.6250 | 36.93 | 27.3 | 9.63 | 54 | -17.07 | 169 | Horizontal | AV | Pass |
| | 2 | 3521.2500 | 49.4 | 28.55 | 20.85 | 74 | -24.6 | 359.5 | Horizontal | PK | Pass |
| - | 2 | 3521.2500 | 40.42 | 28.55 | 11.87 | 54 | -13.58 | 359.5 | Horizontal | AV | Pass |
| Ţ | 3 | 5855.0000 | 60.71 | 32.57 | 28.14 | 74 | -13.29 | 24.4 | Horizontal | PK | Pass |
| | 3 | 5855.0000 | 51.01 | 32.57 | 18.44 | 54 | -2.99 | 24.4 | Horizontal | AV | Pass |
| | 4 | 10116.0000 | 40.94 | 12.71 | 28.23 | 74 | -33.06 | 180.2 | Horizontal | PK | Pass |
| | 4 | 10116.0000 | 33.63 | 12.71 | 20.92 | 54 | -20.37 | 180.2 | Horizontal | AV | Pass |
| | 5 | 13684.5000 | 48.67 | 18.21 | 30.46 | 74 | -25.33 | 217.2 | Horizontal | PK | Pass |
| | 5 | 13684.5000 | 41.29 | 18.21 | 23.08 | 54 | -12.71 | 217.2 | Horizontal | AV | Pass |
| 1 | 6 | 17949.0000 | 53.5 | 23.57 | 29.93 | 74 | -20.5 | 207.7 | Horizontal | PK | Pass |
| | 6 | 17949.0000 | 46.17 | 23.57 | 22.6 | 54 | -7.83 | 207.7 | Horizontal | AV | Pass |

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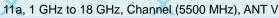


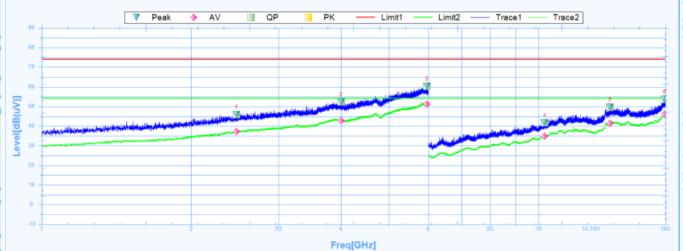




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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W5 E

| | Suspu | ited Data Lis | st | | | | | | | | |
|---|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2463.1250 | 45.93 | 27.47 | 18.46 | 74 | -28.07 | 257.6 | Vertical | PK | Pass |
| | 1 | 2463.1250 | 37.2 | 27.47 | 9.73 | 54 | -16.8 | 257.6 | Vertical | AV | Pass |
| | 2 | 4005.0000 | 52.21 | 29.71 | 22.5 | 74 | -21.79 | 277.8 | Vertical | PK | Pass |
| | 2 | 4005.0000 | 42.75 | 29.71 | 13.04 | 54 | -11.25 | 277.8 | Vertical | AV | Pass |
| Ţ | 3 | 5958.1250 | 60.28 | 32.73 | 27.55 | 74 | -13.72 | 22.2 | Vertical | PK | Pass |
| L | 3 | 5958.1250 | 51.14 | 32.73 | 18.41 | 54 | -2.86 | 22.2 | Vertical | AV | Pass |
| | 4 | 10290.0000 | 41.68 | 13.26 | 28.42 | 74 | -32.32 | 84.6 | Vertical | PK | Pass |
| | 4 | 10290.0000 | 34.78 | 13.26 | 21.52 | 54 | -19.22 | 84.6 | Vertical | AV | Pass |
| | 5 | 13926.0000 | 49.66 | 18.91 | 30.75 | 74 | -24.34 | 211.3 | Vertical | PK | Pass |
| | 5 | 13926.0000 | 41.46 | 18.91 | 22.55 | 54 | -12.54 | 211.3 | Vertical | AV | Pass |
| 1 | 6 | 17935.5000 | 53.56 | 23.49 | 30.07 | 74 | -20.44 | 351.2 | Vertical | PK | Pass |
| | 6 | 17935 5000 | 46 09 | 23 49 | 22.6 | 54 | -7 91 | 351.2 | Vertical | AV | Pass |

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W5 C1

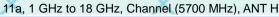






Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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|----|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|
| _ | Suspu | ited Data Lis | st | | | | | | | | |
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2698.7500 | 46.97 | 27.84 | 19.13 | 74 | -27.03 | 75.8 | Horizontal | PK | Pass |
| , | 1 | 2698.7500 | 38.18 | 27.84 | 10.34 | 54 | -15.82 | 75.8 | Horizontal | AV | Pass |
| | 2 | 3828.1250 | 51.99 | 29.29 | 22.7 | 74 | -22.01 | 85.4 | Horizontal | PK | Pass |
| \ | 2 | 3828.1250 | 42.91 | 29.29 | 13.62 | 54 | -11.09 | 85.4 | Horizontal | AV | Pass |
| Ţ | 3 | 5905.6250 | 60.4 | 32.65 | 27.75 | 74 | -13.6 | 185.8 | Horizontal | PK | Pass |
| L | 3 | 5905.6250 | 50.67 | 32.65 | 18.02 | 54 | -3.33 | 185.8 | Horizontal | AV | Pass |
| | 4 | 10996.5000 | 44.78 | 15.6 | 29.18 | 74 | -29.22 | 359.5 | Horizontal | PK | Pass |
| | 4 | 10996.5000 | 37.58 | 15.6 | 21.98 | 54 | -16.42 | 359.5 | Horizontal | AV | Pass |
| | 5 | 13713.0000 | 48.53 | 18.29 | 30.24 | 74 | -25.47 | 235.3 | Horizontal | PK | Pass |
| | 5 | 13713.0000 | 40.87 | 18.29 | 22.58 | 54 | -13.13 | 235.3 | Horizontal | AV | Pass |
| 1 | 6 | 17961.0000 | 53.22 | 23.65 | 29.57 | 74 | -20.78 | 211.3 | Horizontal | PK | Pass |
| | 6 | 17961.0000 | 46.3 | 23.65 | 22.65 | 54 | -7.7 | 211.3 | Horizontal | AV | Pass |

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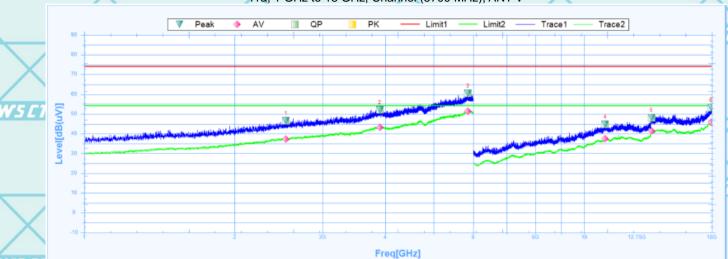




Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

11a, 1 GHz to 18 GHz, Channel (5700 MHz), ANT V

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| Susp | outed Data Lis | st | | | | | | | | |
|------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| 1 | 2531.8750 | 46.49 | 27.64 | 18.85 | 74 | -27.51 | 83 | Vertical | PK | Pass |
| 1 | 2531.8750 | 37.23 | 27.64 | 9.59 | 54 | -16.77 | 83 | Vertical | AV | Pass |
| 2 | 3900.6250 | 52.13 | 29.46 | 22.67 | 74 | -21.87 | 230 | Vertical | PK | Pass |
| 2 | 3900.6250 | 43.15 | 29.46 | 13.69 | 54 | -10.85 | 230 | Vertical | AV | Pass |
| 7 3 | 5855.6250 | 60.44 | 32.57 | 27.87 | 74 | -13.56 | 324.4 | Vertical | PK | Pass |
| 3 | 5855.6250 | 51.33 | 32.57 | 18.76 | 54 | -2.67 | 324.4 | Vertical | AV | Pass |
| 4 | 11014.5000 | 44.82 | 15.67 | 29.15 | 74 | -29.18 | 173.1 | Vertical | PK | Pass |
| 4 | 11014.5000 | 37.46 | 15.67 | 21.79 | 54 | -16.54 | 173.1 | Vertical | AV | Pass |
| 5 | 13627.5000 | 48.12 | 18.05 | 30.07 | 74 | -25.88 | 102.6 | Vertical | PK | Pass |
| - 5 | 13627.5000 | 41.56 | 18.05 | 23.51 | 54 | -12.44 | 102.6 | Vertical | AV | Pass |
| 6 | 17938.5000 | 53.27 | 23.51 | 29.76 | 74 | -20.73 | 170.7 | Vertical | PK | Pass |
| 6 | 17938.5000 | 45.81 | 23.51 | 22.3 | 54 | -8.19 | 170.7 | Vertical | AV | Pass |

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Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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|----|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2438.7500 | 45.32 | 27.39 | 17.93 | 74 | -28.68 | 293.4 | Horizontal | PK | Pass |
| | 1 | 2438.7500 | 35.85 | 27.39 | 8.46 | 54 | -18.15 | 293.4 | Horizontal | AV | Pass |
| | 2 | 3811.2500 | 50.95 | 29.25 | 21.7 | 74 | -23.05 | 80.6 | Horizontal | PK | Pass |
| | 2 | 3811.2500 | 41.54 | 29.25 | 12.29 | 54 | -12.46 | 80.6 | Horizontal | AV | Pass |
| | 3 | 5717.5000 | 62.14 | 32.35 | 29.79 | 74 | -11.86 | 360 | Horizontal | PK | Pass |
| 24 | 3 | 5717.5000 | 53.03 | 32.35 | 20.68 | 54 | -0.97 | 360 | Horizontal | AV | Pass |
| | 4 | 8911.5000 | 39.05 | 9.78 | 29.27 | 74 | -34.95 | 263.8 | Horizontal | PK | Pass |
| | 4 | 8911.5000 | 31.79 | 9.78 | 22.01 | 54 | -22.21 | 263.8 | Horizontal | AV | Pass |
| | 5 | 11913.0000 | 45.51 | 16.57 | 28.94 | 74 | -28.49 | 287.8 | Horizontal | PK | Pass |
| | 5 | 11913.0000 | 38.31 | 16.57 | 21.74 | 54 | -15.69 | 287.8 | Horizontal | AV | Pass |
| / | 6 | 17974.5000 | 52.85 | 23.75 | 29.1 | 74 | -21.15 | -0.1 | Horizontal | PK | Pass |
| | 6 | 17974 5000 | 46.2 | 23.75 | 22.45 | 5/ | -7.8 | -0.1 | Horizontal | Δ\/ | Page |

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DD: Building A-B,Baoil'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China EL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http: www.wsct-cert.com

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W5 C1

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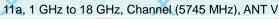






Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

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| Ĭ | Suspu | ited Data Lis | st | | | | | | | | |
|----|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2753.7500 | 46.33 | 27.9 | 18.43 | 74 | -27.67 | 28 | Vertical | PK | Pass |
| | 1 | 2753.7500 | 37.3 | 27.9 | 9.4 | 54 | -16.7 | 28 | Vertical | AV | Pass |
| | 2 | 3917.5000 | 51.65 | 29.5 | 22.15 | 74 | -22.35 | 320.9 | Vertical | PK | Pass |
| | 2 | 3917.5000 | 42.07 | 29.5 | 12.57 | 54 | -11.93 | 320.9 | Vertical | AV | Pass |
| Ç. | 3 | 5984.3750 | 63.65 | 32.78 | 30.87 | 74 | -10.35 | 4.2 | Vertical | PK | Pass |
| _ | 3 | 5984.3750 | 49.13 | 32.78 | 16.35 | 54 | -4.87 | 4.2 | Vertical | AV | Pass |
| | 4 | 11043.0000 | 44.79 | 15.75 | 29.04 | 74 | -29.21 | 17.6 | Vertical | PK | Pass |
| | 4 | 11043.0000 | 37.71 | 15.75 | 21.96 | 54 | -16.29 | 17.6 | Vertical | AV | Pass |
| | 5 | 14185.5000 | 49.46 | 18.94 | 30.52 | 74 | -24.54 | 296.2 | Vertical | PK | Pass |
| | 5 | 14185.5000 | 41.69 | 18.94 | 22.75 | 54 | -12.31 | 296.2 | Vertical | AV | Pass |
| 1 | 6 | 17998.5000 | 53.48 | 23.92 | 29.56 | 74 | -20.52 | 359.5 | Vertical | PK | Pass |
| | 6 | 17998.5000 | 46.35 | 23.92 | 22.43 | 54 | -7.65 | 359.5 | Vertical | AV | Pass |

W5 CT W5 E1 WS C1 W5 []

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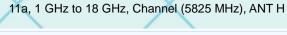


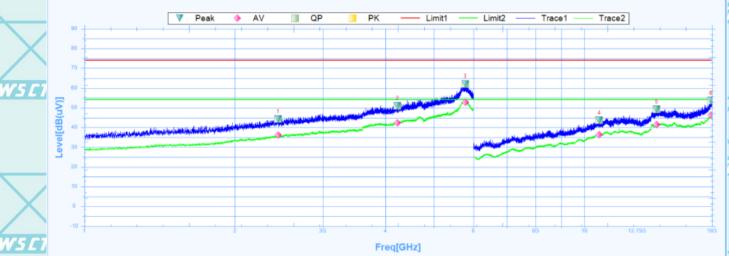




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W5CT°





| | | | | | | | | | | | | - |
|----|-------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|------------|-------|---------|---|
| | Suspu | ited Data Lis | t | | | | | | | | | |
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict | |
| | 1 | 2438.7500 | 44.32 | 27.39 | 16.93 | 74 | -29.68 | 159.5 | Horizontal | PK | Pass | Ī |
| / | 1 | 2438.7500 | 36.21 | 27.39 | 8.82 | 54 | -17.79 | 159.5 | Horizontal | AV | Pass | |
| / | 2 | 4231.8750 | 51.02 | 30.12 | 20.9 | 74 | -22.98 | 7.5 | Horizontal | PK | Pass | |
| _ | 2 | 4231.8750 | 42.26 | 30.12 | 12.14 | 54 | -11.74 | 7.5 | Horizontal | AV | Pass | |
| 54 | 3 | 5780.0000 | 62.13 | 32.45 | 29.68 | 74 | -11.87 | 254 | Horizontal | PK | Pass | |
| | 3 | 5780.0000 | 52.76 | 32.45 | 20.31 | 54 | -1.24 | 254 | Horizontal | AV | Pass | |
| | 4 | 10708.5000 | 43.64 | 14.62 | 29.02 | 74 | -30.36 | 0 | Horizontal | PK | Pass | |
| | 4 | 10708.5000 | 36.4 | 14.62 | 21.78 | 54 | -17.6 | 0 | Horizontal | AV | Pass | |
| | 5 | 13953.0000 | 49.12 | 18.99 | 30.13 | 74 | -24.88 | 0 | Horizontal | PK | Pass | 1 |
| / | 5 | 13953.0000 | 41.51 | 18.99 | 22.52 | 54 | -12.49 | 0 | Horizontal | AV | Pass | |
| | 6 | 17923.5000 | 53.68 | 23.41 | 30.27 | 74 | -20.32 | 359.5 | Horizontal | PK | Pass | |
| 1 | 6 | 17923.5000 | 46.27 | 23.41 | 22.86 | 54 | -7.73 | 359.5 | Horizontal | AV | Pass | |

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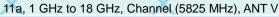






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WS C

| | Susputed Data List | | | | | | | | | | |
|---|--------------------|----------------|---------------------|----------------|-------------------|---------------|----------------|------------|----------|-------|---------|
| | NO. | Freq. [MHz] | Reading [dB(uV)] | Factor [dB] | Level [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| | 1 | 2095.6250 | 42.76 | 26.23 | 16.53 | 74 | -31.24 | 159.5 | Vertical | PK | Pass |
| | 1 | 2095.6250 | 33.67 | 26.23 | 7.44 | 54 | -20.33 | 159.5 | Vertical | AV | Pass |
| | 2 | 3401.2500 | 50.24 | 28.44 | 21.8 | 74 | -23.76 | 224.1 | Vertical | PK | Pass |
| - | 2 | 3401.2500 | 38.51 | 28.44 | 10.07 | 54 | -15.49 | 224.1 | Vertical | AV | Pass |
| 7 | 3 | 5704.3750 | 61.68 | 32.33 | 29.35 | 74 | -12.32 | 22.2 | Vertical | PK | Pass |
| 4 | 3 | 5704.3750 | 52.71 | 32.33 | 20.38 | 54 | -1.29 | 22.2 | Vertical | AV | Pass |
| | 4 | 10488.0000 | 42.98 | 13.89 | 29.09 | 74 | -31.02 | 156.2 | Vertical | PK | Pass |
| | 4 | 10488.0000 | 35.55 | 13.89 | 21.66 | 54 | -18.45 | 156.2 | Vertical | AV | Pass |
| | 5 | 13665.0000 | 48.92 | 18.16 | 30.76 | 74 | -25.08 | 235.2 | Vertical | PK | Pass |
| | 5 | 13665.0000 | 41.65 | 18.16 | 23.49 | 54 | -12.35 | 235.2 | Vertical | AV | Pass |
| 1 | 6 | 17994.0000 | 53.53 | 23.89 | 29.64 | 74 | -20.47 | 69 | Vertical | PK | Pass |
| | 6 | 17994.0000 | 46.68 | 23.89 | 22.79 | 54 | -7.32 | 69 | Vertical | AV | Pass |

W5CT

Note:

- 1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
- 2. Emission Level= Reading Level+ Probe Factor +Cable Loss.
- 3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

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WSET

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WS L

W5L





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7.3.8 RESTRICTED BANDS REQUIREMENTS

| | Test Result(Only recorded the worst case in the report): | | | | | | | | | |
|---|--|---------------------------------|---------|----------------|------------------|--------|----------------|----------|-------|--|
| | Frequency | Reading | Correct | Emission | Limit | Margin | Polar | Detector | | |
| 1 | | | Factor | Level | | | | | | |
| Ż | (MHz) | (dBuV/m) | dB/m | (dBuV/m) | (dBuV/m) | (dB) | H/V | | | |
| | | 802.11a(6Mbps) Test channel:36 | | | | | | | | |
| | 5150 | 60.01 | -5.24 | 54.77 | 68.23 | 13.46 | H | PK | | |
| | 5150 CT | 53.49 | -5.24 | 48.25 | 75 C 754 | 5.75 | <i>'5 HT</i> î | AV | WSET | |
| | 5150 | 59.33 | -4.87 | 54.46 | 68.23 | 13.77 | V | PK | | |
| 1 | 5150 | 54.75 | -4.87 | 49.88 | 54 | 4.12 | V | AV | | |
| 4 | | WSET | 802.1 | 1a(6Mbps) Tes | t channel:48 W/S | ET° | | W5 CT | | |
| | 5350 | 63.57 | -5.24 | 58.33 | 68.23 | 9.90 | 1 | PK | | |
| | 5350 | 54.49 | -5.24 | 49.25 | 54 | 4.75 | Ŧ | AV | | |
| | 5350 TT | 63.78 | -4.87 | 58.91 | 68.23 | 9.32 | 5 NT | PK | W5 CT | |
| | 5350 | 54.13 | -4.87 | 49.26 | 54 | 4.74 | V | AV | | |
| 1 | Č. | | 802.11 | a(6Mbps) Test | channel: 165 | | | | | |
| | 5850 | 63.91 | -5.24 | 58.67 | 122.23 | 63.53 | Н | PK | | |
| | 5850 | 60.25 | -4.87 | 55.38 | 122.23 | 66.82 | V | PK | | |

Note: Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard

Margin (dB) = Level (dB μ V) – Limits (dB μ V)

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WS ET

W5 ET W5 E1 W5 E1 W5 E1

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W5C1

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7.4 ANTENNA REQUIREMENT

Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

Antenna Gain

The Bluetooth antenna is a Internal Antenna. it meets the standards, and the best case gain of the antenna is 1dBi.

| WSCT | WSET | WSET | WSET | WSET | |
|------|------|----------------------------------|---|----------|--------------------------|
| WS | | $\langle \hspace{0.1cm} \rangle$ | $\langle $ | SET° | WSET |
| WSCT | WSET | WSET | WSET | WSET | |
| WS | | $\langle \hspace{0.1cm} \rangle$ | $\langle $ | SET | WSET |
| WSET | WSLT | WSCT | WSET | WSET | |
| WS | | | | SET | WSET |
| WSET | WSET | WSCT | WSET | WSCT | |
| W5 | | | $\langle $ | \times | & Téstic |
| WSCI | WSCI | WSOT | WSITE | W.S | ET Sing Group (Shenzine) |

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CT WSET





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7.5 EMISSION BANDWIDTH

7.5.1 TEST EQUIPMENT

Please refer to Section 5 this report.

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7.5.2 TEST PROCEDURE

Test Method:

a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Measure the maximum width of the emission that is 26 dB down from the peak of the emission Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Test Equipment Setting - 99%% Bandwidth:

Test Equipment Setting – 26dB Bandwidth: a)Attenuation: Auto

a)Attenuation: Auto
a)Span: 1.5 times to 5.0 times the OBW
b)Span Frequency: > 26dB Bandwidth
b)RBW: 1 % to 5 % of the OBW

c)RBW: Approximately 1% of the emission bandwidth d)VBW: VBW > RBW e)Detector: Peak

f)Trace: Max Hold W5 7 9)Sweep Time: Auto

dth c)VBW: ≥ 3 x RBW d)Detector: Peak e)Trace: Max Hold X

6 dB Bandwidth:

Test Method:

a)The transmitter was radiated to the spectrum analyzer in peak hold mode.

b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth.

c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions

Testing of Transmitters with Multiple Outputs in the Same Band.

d)Measured the spectrum width with power higher than 6dB below carrier.

Test Equipment Setting:
a)Attenuation: Auto

b)Span Frequency: > 6dB Bandwidth

c)RBW: 100kHz d)VBW: ≥ 3 x RBW e)Detector: Peak f)Trace: Max Hold g)Sweep Time: Auto

Maximum Conducted Output Power Measurement:

Test Method:

a)The transmitter output (antenna port) was connected to the power meter.

b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter).

c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions

Testing of Transmitters with Multiple Outputs in the Same Band.

d)When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula.

Test Equipment Setting: Detector - Average

Power Spectral Density:

Test Method:

a)The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Power Spectral Density (PSD).

c)Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 in-Band Power

Spectral Density (PSD) Measurements (a) Measure and sum the spectra across the

d)When measuring first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3 and so on up to the Nth output to obtain the value for

the first frequency bin of the summed spectrum. The summed spectrum value for each of the other

frequency bins is computed in the same way.

e)For 5.725~5.85 GHz, the measured result of PSD level must add 10log(500kHz/RBW) and the final result should ≤ 30 dBm.

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Test Equipment Setting: a)Attenuation: Auto e)Detector: RMS b)Span Frequency: Encompass the entire emissions bandwidth (EBW) of f)Trace: AVERAGE g)Sweep Time: Auto the signal c)RBW: 1000 kHz h)Trace Average: 100 times d)VBW: 3000 kHz Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement. Frequency Stability Measurement: Test Method: a)The transmitter output (antenna port) was connected to the spectrum analyzer. b) EUT have transmitted absence of modulation signal and fixed channelize. c)Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth. d)Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings. e)fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification). f)The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value g)Extreme temperature is 0°C~40°C Test Equipment Setting: a)Attenuation: Auto e)Sweep Time: Auto b)Span Frequency: Entire absence of modulation emissions bandwidth c)RBW: 10 kHz d)VBW: 10 kHz 7.5.3 CONFIGURATION OF THE EUT Same as section 3.4 of this report 7.5.4 EUT OPERATING CONDITION Same as section 3.5 of this report.

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| 7.5.5 LIMIT | | |
|--|--|----------------|
| -26dB Bandwidth and 99% Occupied Bandwidth: | | |
| Limit: No restriction limits. | WSFT WSFT | W5 ET |
| -6 dB Bandwidth: | | |
| | nimum 6dB bandwidth shall be at least 500 kHz. | |
| Test Equipment Setting: | | |
| a)Attenuation: Auto | e)Detector: Peak | |
| b)Span Frequency: > 6dB Bandwidth | f)Trace: Max Hold | 7.0 |
| 0)11211. 10011112 | g)Sweep Time: Auto | |
| d)VBW; ≥ 3 x RBW | | |
| Maximum Conducted Output Power Measurement: | 25.011 | X |
| <u></u> | | |
| Limit of Outdoor access point: | Limit of Indoor access point: | August and |
| The maximum conducted output power over the | The maximum conducted output power over the | WSLI |
| frequency band of operation shall not exceed 1 W | frequency band of operation shall not exceed 1 W | |
| (30dBm) provided the maximum antenna gain does not | (30dBm) provided the maximum antenna gain does | |
| exceed 6 dBi. If transmitting antennas of directional gain | not | ly . |
| greater than 6 dBi are used, both the maximum conducted output power and the maximum power | exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum | |
| spectral density shall be reduced by the amount in dB | conducted output power and the maximum power | 7° |
| that the directional gain of the antenna exceeds 6 dBi. | spectral density shall be reduced by the amount in | |
| The maximum e.i.r.p. at any elevation angle above 30 | dB | |
| degrees as measured from the horizon must not exceed | that the directional gain of the antenna exceeds 6 | X |
| 125 mW (21 dBm). | dBi. | |
| Limit of Fixed point-to-point access points: | ☑Limit of Mobile and portable client devices: | WE CO |
| The maximum conducted output power over the | The maximum conducted output power over the | 11-14 |
| frequency band of operation shall not exceed 1 W | frequency band of operation shall not exceed 250 | |
| (30dBm). Fixed point-to-point U-NII devices may employ | mW | |
| antennas with directional gain up to 23 dBi without any | (24dBm) provided the maximum antenna gain does | |
| corresponding reduction in the maximum conducted | not | |
| output power or maximum power spectral density. For | exceed 6 dBi. If transmitting antennas of directional | |
| fixed point-to-point transmitters that employ a directional | gain greater than 6 dBi are used, both the maximum | |
| antenna gain greater than 23 dBi, a 1 dB reduction in | conducted output power and the maximum power | |
| maximum conducted output power and maximum | spectral density shall be reduced by the amount in | |
| power spectral density is required for each 1 dB of | dB | |
| antenna gain in excess of 23 dBi. | that the directional gain of the antenna exceeds 6 | WSCT |
| | dBi. | |
| ∑5.25-5.35 GHz & ∑ | | |
| The maximum conducted output power over the frequency | | |
| mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB el | | |
| antennas of directional gain greater than 6 dBi are used, b | | |
| maximum power spectral density shall be reduced by the | amount in dB that the directional gain of the antenna | |
| exceeds 6 dBi. | 25.01 | |
| ∑5.725~5. | | X |
| The maximum conducted output power over the frequency | | |
| transmitting antennas of directional gain greater than 6 dE | | - |
| power and the maximum power spectral density shall be re | | W5 CT |
| the antenna exceeds 6 dBi. However, fixed point-to-point | U-NII devices operating in this band may employ | |
| transmitting antennas with directional gain greater than 6 dBi without any correspond | ling reduction in transmitter conducted newer | ſ |
| | ning reduction in transmitter conducted power. | |
| Power Spectral Density | | |
| <u> </u> | | 7° |
| Limit of Outdoor access point: 17 dBm/MHz | Limit of Indoor access point: 17 dBm/MHz | |
| Limit of Fixed point-to-point access points: 17 | | |
| dBm/MHz | dBm/MHz | X |
| □5.25-5.35 GHz | 11 dBm/MHz | |
| □5.470-5.725 GHz | 11 dBm/MHz | tond to the |
| ⊠5.725~5.85 GHz | 30 dBm/500kHz | ation& Testing |
| Frequency Stability Measurement: | | G. |
| | the band of operation under all conditions of normal | l p |
| operation as specified in the user's ma | | WS CT Shenz |
| | ance shall be \pm 20 ppm maximum for the 5 GHz band | 7 725 |
| (IEEE 802.11n specification). | WATER TO THE STATE OF THE STATE | 3 |
| | To be | 1.00 |

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: PASS

7.5.6 TEST RESULT

-26dB Bandwidth and 99% Occupied Bandwidth

| | | \wedge | | \wedge |
|---|--------------|----------------------------------|-------------|---------------------|
| | Product | : EUT-Sample | Test Mode | : See section 3.4 |
| ý | Test Item | : -26dB Bandwidth/-6dB Bandwidth | Temperature | : 25 °C W5 <i>C</i> |
| | | and 99% Occupied Bandwidth | | |
| | Test Voltage | : DC 3.85V | Humidity | : 56%RH |

-26Db&99% Bandwidth

Test Result

| -2600&99% | Bandw | latn | | | | |
|-----------|-------|-----------------|---------------------------|-----------------------|---------|-----|
| | Mode | Frequency (MHz) | -26 dB Bandwidth (MHz) | 99%dB Bandwidth (MHz) | Verdict | \ |
| W5ET* | a 5 | 5180 | 19.59 | 16.417 | Pass | 1 |
| | а | 5240 | 19.71 | 16.381 | Pass | |
| | а | 5260 | 19.69 | 16.396 | Pass | |
| W5 CT | а | 53205 | 19.78 W5 C | 16.386 W5 | Pass | |
| | a | 5500 | 19.75 | 16.390 | Pass | / |
| | а | 5700 | 20.11 | 16.403 | Pass | \ |
| WSET | n20 | 5180 | w 5 20.52 | 17.545 | Pass | 7 |
| | n20 | 5240 | 20.54 | 17.557 | Pass | |
| | n20 | 5260 | 20.57 | 17.553 | Pass | |
| WSET | n20 | 5320 | 20.70 WS C | 17.567 WS | Pass | |
| | n20 | 5500 | 20.79 | 17.554 | Pass | 7 |
| X | n20 | 5700 | 23.58 | 17.571 | Pass | |
| WSET | n40 | 5190 | 42.13 | 36.040 | Pass | - |
| | n40 | 5230 | 51.96 | 35.998 | Pass | |
| X | n40 | 5270 | 50.50 | 35.987 | Pass | |
| We can | n40 | 5310 | 43.40 | 36.017 | Pass | |
| WSET | n40 | 5510 | 51.93 | 36.041 | Pass | |
| X | n40 | 5670 | 59.10 | 36.039 | Pass | |
| | ac20 | 5180 | 20.06 | 17.522 | Pass | |
| W5 ET | ac20 | 5240 | 20.12 | 17.544 | Pass | Ż |
| \times | ac20 | 5260 | 19.95 | 17.542 | Pass | |
| | ac20 | 5320 | 20.09 | 17.530 | Pass | |
| WSET | ac20 | 55005 [7] | 20.17 W5 C | 17.551 W5 | Pass | VCS |
| | ac20 | 5700 | 20.07 | 17.551 | Pass | |
| | ac40 | 5190 | 39.94 | 35.934 | Pass | U |

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5230 ac40 **Pass** 40.22 35.990 5270 ac40 **Pass** 40.04 35.932 ac40 5310 Pass 40.54 35.926 ac40 5510 Pass 40.07 35.964 5670 Pass ac40 39.79 35.991 ac80 5210 Pass 80.32 75.312 5290 ac80 Pass 80.52 75.249 5530 ac80 Pass 80.60 75.308 5610 ac80 Pass 80.48 75.278

W5CT

-6dB&99% Bandwidth

V5 C

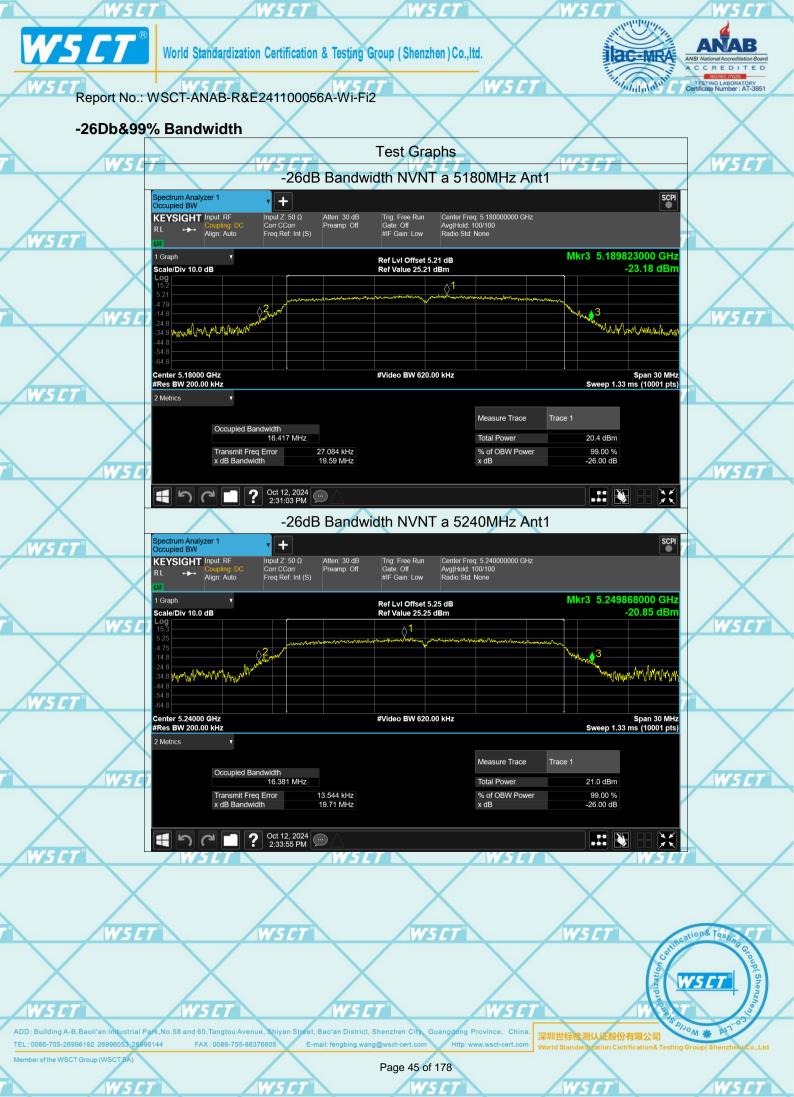
W5E

| -oubass /o bandwidth | | | WA- | WA-TH | WS | | |
|----------------------|------|-----------|-----------------|-----------------|-----------------|---------|---|
| | Mode | Frequency | -6 dB Bandwidth | 99%dB Bandwidth | Limit -6 dB | Verdict | Ī |
| | | (MHz) | (MHz) | (MHz) | Bandwidth (MHz) | | |
| | a | 5745 | 14.77 | 16.339 | 0.5 | Pass | 1 |
| | a | 5825 | 14.71 | 16.335 | 0.5 | Pass | , |
| _ | n20 | 5745 | 15.28 | 17.544 | W51-0.5 | Pass | 4 |
| | n20 | 5825 | 14.98 | 17.522 | 0.5 | Pass | |
| | n40 | 5755 | 32.60 | 35.845 | 0.5 | Pass | |
| / | n40 | 5795 | 35.11 | 35.896 | 0.5 | Pass | |
| 7 | ac20 | 5745 | 14.02/5/7 | 17.538 | 0.5 WSC | Pass | |
| | ac20 | 5825 | 13.86 | 17.538 | 0.5 | Pass | Ī |
| | ac40 | 5755 | 35.05 | 35.824 | 0.5 | Pass | 1 |
| | ac40 | 5795 | 35.05 | 35.826 | 0.5 | Pass | 1 |
| | ac80 | 5775 | 75.11 | 75.133 | 0.5 | Pass | |

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World Standardization Certification & Testing Group (Shenzhen) Co.,ltd. **ac-MR**A CCREDITED "Infalalala Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2 -26dB Bandwidth NVNT a 5260MHz Ant1 WS Spectrum Analyzer 1 Occupied BW + Center Freq: 5.260000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Align: Auto Mkr3 5.269847000 GHz 1 Graph Ref Lvi Offset 5.30 dB Ref Value 25.30 dBm -19.58 dBm Scale/Div 10.0 dB Center 5.26000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 30 MHz Sweep 1.33 ms (10001 pts) Measure Trace Trace 1 Occupied Bandwidth 16.396 MHz Total Power 21.1 dBm 1.101 kHz 19.69 MHz % of OBW Power x dB 99.00 % -26.00 dB Transmit Freq Error x dB Bandwidth 1 9 6 7 Oct 12, 2024 2:36:11 PM ** -26dB Bandwidth NVNT a 5320MHz Ant1 Spectrum Analyzer 1 Occupied BW + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 5.320000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.329913000 GHz 1 Graph Ref LvI Offset 5.35 dB Ref Value 25.35 dBm -21.31 dBm Scale/Div 10.0 dB W5L ydynytyyhynyh myraphy makhapany myryhyn

Span 30 MHz Sweep 1.33 ms (10001 pts) Center 5.32000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 16.386 MHz Total Power 21.3 dBm Transmit Freq Error 21.132 kHz 19.78 MHz % of OBW Power x dB 99.00 % -26.00 dB W5 C Oct 12, 2024 2:55:21 PM

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WSCI

WSCT WSCT

World Standardization Certification & Testing Group (Shenzhen) Co.,ltd. **ac-MR**A CCREDITED Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2 -26dB Bandwidth NVNT a 5500MHz Ant1 WS Spectrum Analyzer 1 Occupied BW + Center Freq: 5.500000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Align: Auto Mkr3 5.509892000 GHz 1 Graph Ref Lvi Offset 5.34 dB Ref Value 25.34 dBm -19.27 dBm Scale/Div 10.0 dB LANDER COMPANY CONTRACTOR Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 30 MHz Sweep 1.33 ms (10001 pts) Measure Trace Trace 1 Occupied Bandwidth 16.390 MHz Total Power 21.4 dBm % of OBW Powe Transmit Freq Error x dB Bandwidth 16.537 kHz 19.75 MHz 99.00 % -26.00 dB 1 9 6 7 Oct 12, 2024 2:59:16 PM ** -26dB Bandwidth NVNT a 5700MHz Ant1 Spectrum Analyzer 1 Occupied BW + Center Freq: 5.700000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.710051000 GHz 1 Graph Ref Lvl Offset 5.43 dB Ref Value 25.43 dBm -23.24 dBm Scale/Div 10.0 dB **⊘**1 W5L way oper grapher of the way of year Span 30 MHz Sweep 1.33 ms (10001 pts) Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 16.403 MHz Total Power 21.6 dBm Transmit Freq Error -3.475 kHz 20.11 MHz % of OBW Power x dB 99.00 % -26.00 dB W5 C Oct 12, 2024 3:01:35 PM WSE tion& Testin WSE W5 C1 ADD: Building A-B, Baoli'an Industrial Park, No.58 ar 深圳世标检测认证股份有限公司 TEL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605

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WSET

WSCT

Midulata World Standardization Certification & Testing Group (Shenzhen) Co.,ltd. **ac-MR**A CCREDITED "Infalalala Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2 -26dB Bandwidth NVNT n20 5180MHz Ant1 WS Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 5.180000000 GHz Avg|Hold: 100/100 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.190273000 GHz 1 Graph Ref Lvi Offset 5.21 dB Ref Value 25.21 dBm -24.20 dBm Scale/Div 10.0 dB

WS. Center 5.18000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 30 MHz Sweep 1.33 ms (10001 pts) 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 17.545 MHz Total Power 21.2 dBm 13.148 kHz 20.52 MHz % of OBW Power x dB 99.00 % -26.00 dB Transmit Freq Error x dB Bandwidth 1 9 6 7 Oct 12, 2024 9:34:42 PM ** -26dB Bandwidth NVNT n20 5240MHz Ant1 Spectrum Analyzer 1 Occupied BW + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 5.240000000 GHz Avg|Hold: 100/100 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.250290000 GHz 1 Graph Ref LvI Offset 5.25 dB Ref Value 25.25 dBm -22.81 dBm Scale/Div 10.0 dB W5L watermillowed With Male Mark Span 30 MHz Sweep 1.33 ms (10001 pts) Center 5.24000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 17.557 MHz Total Power 21.6 dBm Transmit Freq Error 18.261 kHz 20.54 MHz % of OBW Power x dB 99.00 % -26.00 dB W5 C Oct 12, 2024 9:36:57 PM **







Midulata W5CT® World Standardization Certification & Testing Group (Shenzhen) Co.,ltd. **ac-MR**A CCREDITED "Infalalala Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2 -26dB Bandwidth NVNT n40 5270MHz Ant1 WS Spectrum Analyzer 1 Occupied BW SCPI + Center Freq: 5.270000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.295267000 GHz 1 Graph Ref Lvi Offset 5.31 dB Ref Value 25.31 dBm -31.08 dBm Scale/Div 10.0 dB **∂**1 Mary May day 3 perfect of Center 5.27000 GHz #Res BW 430.00 kHz #Video BW 1.3000 MHz Span 60 MHz Sweep 1.33 ms (10001 pts) 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 35.987 MHz Total Power 22.6 dBm 18.240 kHz 50.50 MHz % of OBW Power x dB 99.00 % -26.00 dB Transmit Freq Error x dB Bandwidth 1 9 6 2 Oct 12, 2024 01:19:35 PM ** -26dB Bandwidth NVNT n40 5310MHz Ant1 Spectrum Analyzer 1 Occupied BW + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 5.310000000 GHz Avg|Hold: 100/100 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 5.331734000 GHz 1 Graph Ref LvI Offset 5.35 dB Ref Value 25.35 dBm -25.25 dBm Scale/Div 10.0 dB \Diamond^1 W5L httantllananna planninker. Why January Span 60 MHz Sweep 1.33 ms (10001 pts) Center 5.31000 GHz #Res BW 430.00 kHz #Video BW 1.3000 MHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 36.017 MHz Total Power 22.9 dBm Transmit Freq Error 31.302 kHz 43.40 MHz % of OBW Power x dB 99.00 % -26.00 dB W5 C Oct 12, 2024 10:21:55 PM ** WSE tion& Testin WSE W5 C1 ADD: Building A-B, Baoli'an Industrial Park, No.58 ar 深圳世标检测认证股份有限公司 TEL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 Page 52 of 178