

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

47 CFR FCC Part 15, Subpart E (Section 15.407)

Report No.: RFBBQZ-WTW-P24020178-4

FCC ID: PY323400615

Product: NIGHTHAWK BE6500 WiFi 7 Router, NIGHTHAWK BE5000 WiFi 7 Router.

NIGHTHAWK BE4300 WiFi 7 Router (refer to item 3.1 for more details)

Brand: NETGEAR

Model No.: RS200

Series Model: RS150, RS150v2, RS140 (refer to item 3.1 for more details)

Received Date: 2024/2/6

Test Date: 2024/6/6 ~ 2024/7/2

Issued Date: 2024/7/12

Applicant and Manufacturer: NETGEAR, INC.

Address: 350 East Plumeria Drive San Jose CA 95134

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan

FCC Registration /

Designation Number: 788550 / TW0003

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Prepared by : Polly Chien / Specialist

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Release Control Record

| Issue No. | Description | Date Issued |
|------------------------|-------------------|-------------|
| RFBBQZ-WTW-P24020178-4 | Original release. | 2024/7/12 |

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1 Certificate

Product: NIGHTHAWK BE6500 WiFi 7 Router, NIGHTHAWK BE5000 WiFi 7 Router, NIGHTHAWK

BE4300 WiFi 7 Router (refer to item 3.1 for more details)

Brand: NETGEAR

Test Model: RS200

Series Model: RS150, RS150v2, RS140 (refer to item 3.1 for more details)

Sample Status: Engineering sample

Applicant and

NETGEAR, INC.

Manufacturer:

Test Date: 2024/6/6 ~ 2024/7/2

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement

ANSI C63.10-2013

procedure:

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

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2 Summary of Test Results

| 47 CFR FCC Part 15, Subpart C (Section 15.247) 47 CFR FCC Part 15, Subpart E (Section 15.407) | | | |
|---|---------------------------------|--------|---|
| Clause | Test Item | Result | Remark |
| 15.205 / 15.209 / 15.247(d) 15.407(b)(9) | Unwanted Emissions below 1 GHz | Pass | Minimum passing margin is -6.3 dB at 51.34 MHz |
| 15.205 / 15.209 / 15.247(d) 15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10) 15.407(b)(5) 15.407(b)(10) | Unwanted Emissions above 1 GHz | Pass | Minimum passing margin is -4.3 dB at 11490.00 MHz |
| 15.247(d) | Conducted Out of Band Emissions | Pass | Meet the requirement of limit. |

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

| Parameter | Specification | Uncertainty (±) |
|--------------------------------|-----------------|--------------------|
| Unwanted Emissions below 1 GHz | 9 kHz ~ 30 MHz | 3.59 dB |
| Onwanted Emissions below 1 GHZ | 30 MHz ~ 1 GHz | 3.64 dB |
| Unwanted Emissions above 1 CHz | 1 GHz ~ 18 GHz | 2.29 dB |
| Unwanted Emissions above 1 GHz | 18 GHz ~ 40 GHz | 2.29 dB |

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.



3 General Information

3.1 General Description of EUT

| Product | NIGHTHAWK BE6500 WiFi 7 Router, NIGHTHAWK BE5000 WiFi 7 Router, | |
|-----------------------|--|--|
| Troduct | NIGHTHAWK BE4300 WiFi 7 Router (Refer to note) | |
| Brand | NETGEAR | |
| Test Model | RS200 | |
| Series Model | RS150, RS150v2, RS140 | |
| Model Difference | Refer to note | |
| Status of EUT | Engineering sample | |
| Power Supply Rating | 12 Vdc from adapter | |
| | CCK, DQPSK, DBPSK for DSSS | |
| | 64QAM, 16QAM, QPSK, BPSK for OFDM | |
| Modulation Type | 256QAM for OFDM in VHT mode | |
| | 1024QAM for OFDMA in 11ax mode | |
| | 4096QAM for OFDMA in 11be mode | |
| Modulation Technology | DSSS, OFDM, OFDMA | |
| Transfer Rate | up to 688 Mbps (For 2.4G Band) | |
| Transier Rate | up to 5764 Mbps (For 5G Band) | |
| | 2.412 GHz ~ 2.462 GHz | |
| | 5.18 GHz ~ 5.25 GHz | |
| On anoting Francisco | 5.25 GHz ~ 5.32 GHz | |
| Operating Frequency | 5.50 GHz ~ 5.72 GHz | |
| | 5.745 GHz ~ 5.825 GHz | |
| | 5.815 GHz ~ 5.885 GHz | |
| | 2.4 GHz | |
| | 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20), 802.11be (EHT20): 11 | |
| | 802.11n (HT40), VHT40, 802.11ax (HE40), 802.11be (EHT40): 7 | |
| Number of Channel | 5 GHz: | |
| Number of Chamile | 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20): 28 | |
| | 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40): 14 | |
| | 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80): 7 | |
| | 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160): 3 | |
| | 2.412 GHz ~ 2.462 GHz: Conducted Power: 913.154 mW (29.61 dBm) | |
| | 5.18 GHz ~ 5.25 GHz : Conducted Power:847.316 mW (29.28 dBm) | |
| Output Power | 5.25 GHz ~ 5.32 GHz : Conducted Power:211.959 mW (23.26 dBm) | |
| Output Power | 5.50 GHz ~ 5.72 GHz : Conducted Power:211.187 mW (23.25 dBm) | |
| | 5.745 GHz ~ 5.825 GHz : Conducted Power:863.959 mW (29.36 dBm) | |
| | 5.815 GHz ~ 5.885 GHz: EIRP: 3396.253 mW (35.31 dBm) | |

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Note:

1. The following product and models are as below. The model of the RS200 was chosen for final test.

| Product | Model | remark |
|--------------------------------|----------|--|
| NIGHTHAWK BE6500 WiFi 7 Router | IRS200 | 2.4GHz (2 x 2): 0.7 Gbps 5GHz (4 x 4): 5.8 Gbps |
| NIGHTHAWK BE5000 WiFi 7 Router | IRS150 | 2.4GHz (2 x 2): 0.7 Gbps 5GHz (3 x 3): 4.3 Gbps |
| | IRS ISUV | 2.4GHz (2 x 2): 0.7 Gbps 5GHz (3 x 3): 4.3 Gbps |
| NIGHTHAWK BE4300 WiFi 7 Router | IRS 140 | 2.4GHz (2 x 2): 0.7 Gbps 5GHz (3 x 3): 3.6 Gbps |

2. The EUT uses following accessories.

| Z. THE LOT USE | 2. The EOT uses following accessories. | | | | | |
|----------------|--|---------------------|---|--|--|--|
| AC Adapter 1 | AC Adapter 1 | | | | | |
| Brand | Model | Part Number | Specification | | | |
| | | | AC Input: 100-240 Vac, 50/60 Hz, 1.0 A | | | |
| | | | DC Output: 12.0 Vdc, 2.5 A, 30 W | | | |
| NETGEAR | ADS-40FPC-12 12030E | 332-11699-01 | DC Output Cable: 1.76 m / 0 core | | | |
| | | | Plug: US/EU/AU | | | |
| | | | Manufacturer: Vietnam Honor High Tech Company Limited | | | |
| AC Adapter 2 | | | | | | |
| Brand | Model | Part Number | Specification | | | |
| | | | AC Input: 100-240 Vac, 50/60 Hz, 1.0 A | | | |
| | 2AED030FC | 332-11712-01 | DC Output: 12.0 Vdc, 2.5 A, 30.0W | | | |
| NETGEAR | | | DC Output Cable: 1.8 m / 0 core | | | |
| | | | Plug: US/EU/AU | | | |
| | | | Manufacturer: Channel Well Technology(Guangzhou) Co., Ltd | | | |
| Ethernet Cable | | | | | | |
| Brand | Model | Specification | | | | |
| NETGEAR | N/A | Signal Line: 1.96 m | | | | |

3. Simultaneously transmission condition.

| Condition | Technology | | |
|-----------|---------------|-------------|--|
| 1 | WLAN (2.4GHz) | WLAN (5GHz) | |

^{4.} The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.



3.2 Antenna Description of EUT

1. The antenna information is listed as below.

| Antenna Type | Dipole |
|-----------------|------------------------|
| Connector Type | ipex(MHF) |
| Antenna Gain | Directional Gain (dBi) |
| 2400~2483.5 MHz | 3.81 |
| 5150~5250 MHz | 6.05 |
| 5250~5350 MHz | 6.06 |
| 5470~5725 MHz | 6.21 |
| 5725~5850 MHz | 6.33 |

^{*}The detailed antenna information, please refer to the BV CPS Directional Gain Measurement Report no.: RFBBQZ-WTW-P24020178-5.

| Antenna No. | Gain (dBi) 5850 MHz | Antenna Type | Connector Type |
|-------------|------------------------|--------------|----------------|
| ANT 1 | 3.78 | Dipole | ipex(MHF) |
| ANT 2 | 3.84 | Dipole | ipex(MHF) |
| ANT 3 | 4.20 | Dipole | ipex(MHF) |
| ANT 4 | 3.00 | Dipole | ipex(MHF) |

^{*} Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.



2. The EUT incorporates a MIMO function:

For 2.4G

| 2.4 GHz Band | | | |
|------------------|-----------------------|-----|--|
| Modulation Mode | TX & RX Configuration | | |
| 802.11b | 2TX | 2RX | |
| 802.11g | 2TX | 2RX | |
| 802.11n (HT20) | 2TX | 2RX | |
| 802.11n (HT40) | 2TX | 2RX | |
| VHT20 | 2TX | 2RX | |
| VHT40 | 2TX | 2RX | |
| 802.11ax (HE20) | 2TX | 2RX | |
| 802.11ax (HE40) | 2TX | 2RX | |
| 802.11be (EHT20) | 2TX | 2RX | |
| 802.11be (EHT40) | 2TX | 2RX | |

Note:

- 1. All of modulation mode support beamforming function except 802.11b/g modulation mode.
- 2. For 802.11ax/be, the EUT not support Partial RU (resource unit) reduction mechanisms.

For 5G

| Modulation Mode | Tx & Rx Configuration | |
|-------------------|-----------------------|-----|
| 802.11a | 4TX | 4RX |
| 802.11n (HT20) | 4TX | 4RX |
| 802.11n (HT40) | 4TX | 4RX |
| 802.11ac (VHT20) | 4TX | 4RX |
| 802.11ac (VHT40) | 4TX | 4RX |
| 802.11ac (VHT80) | 4TX | 4RX |
| 802.11ac (VHT160) | 4TX | 4RX |
| 802.11ax (HE20) | 4TX | 4RX |
| 802.11ax (HE40) | 4TX | 4RX |
| 802.11ax (HE80) | 4TX | 4RX |
| 802.11ax (HE160) | 4TX | 4RX |
| 802.11be (EHT20) | 4TX | 4RX |
| 802.11be (EHT40) | 4TX | 4RX |
| 802.11be (EHT80) | 4TX | 4RX |
| 802.11be (EHT160) | 4TX | 4RX |

Note:

- 1. All of modulation mode support beamforming function except 802.11a modulation mode.
- 2. For 802.11ax/be, the EUT not support Partial RU (resource unit) and channel puncturing/bandwidth reduction mechanisms.



3.3 Channel List

FOR 2412 ~ 2462 MHz

11 channels are provided for 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20), 802.11be (EHT20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 1 | 2412 MHz | 7 | 2442 MHz |
| 2 | 2417 MHz | 8 | 2447 MHz |
| 3 | 2422 MHz | 9 | 2452 MHz |
| 4 | 2427 MHz | 10 | 2457 MHz |
| 5 | 2432 MHz | 11 | 2462 MHz |
| 6 | 2437 MHz | | |

7 channels are provided for 802.11n (HT40), VHT40, 802.11ax (HE40), 802.11be (EHT40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 3 | 2422 MHz | 7 | 2442 MHz |
| 4 | 2427 MHz | 8 | 2447 MHz |
| 5 | 2432 MHz | 9 | 2452 MHz |
| 6 | 2437 MHz | | |

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FOR 5180 ~ 5320 MHz

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 36 | 5180 MHz | 52 | 5260 MHz |
| 40 | 5200 MHz | 56 | 5280 MHz |
| 44 | 5220 MHz | 60 | 5300 MHz |
| 48 | 5240 MHz | 64 | 5320 MHz |

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 38 | 5190 MHz | 54 | 5270 MHz |
| 46 | 5230 MHz | 62 | 5310 MHz |

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 42 | 5210 MHz | 58 | 5290 MHz |

1 straddle channel is provided for 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160):

| Channel | Frequency | |
|---------|-----------|--|
| 50 | 5250 MHz | |

FOR 5500 ~ 5720 MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 100 | 5500 MHz | 124 | 5620 MHz |
| 104 | 5520 MHz | 128 | 5640 MHz |
| 108 | 5540 MHz | 132 | 5660 MHz |
| 112 | 5560 MHz | 136 | 5680 MHz |
| 116 | 5580 MHz | 140 | 5700 MHz |
| 120 | 5600 MHz | 144 | 5720 MHz |

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 102 | 5510 MHz | 126 | 5630 MHz |
| 110 | 5550 MHz | 134 | 5670 MHz |
| 118 | 5590 MHz | 142 | 5710 MHz |

3 channels are provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 106 | 5530 MHz | 138 | 5690 MHz |
| 122 | 5610 MHz | | |

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160):

| | <i>,</i> , | |
|---------|------------|--|
| Channel | Frequency | |
| 114 | 5570 MHz | |

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FOR 5745 ~ 5825 MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 149 | 5745 MHz | 161 | 5805 MHz |
| 153 | 5765 MHz | 165 | 5825 MHz |
| 157 | 5785 MHz | | |

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 151 | 5755 MHz | 159 | 5795 MHz |

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

| Channel | Frequency | | |
|---------|-----------|--|--|
| 155 | 5775 MHz | | |

FOR 5815 ~ 5855 MHz:

3 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| *169 | 5845 MHz | 173 | 5865 MHz | 177 | 5885 MHz |

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| *167 | 5835 MHz | 175 | 5875 MHz |

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

| Channel | Frequency | |
|---------|-----------|--|
| *171 | 5855 MHz | |

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160):

| Channel | Frequency |
|---------|-----------|
| *163 | 5815 MHz |

Note: * U-NII-3 & -4 span channels.

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3.4 Test Mode Applicability and Tested Channel Detail

| | For Unwanted Emission (below 1GHz) and AC Power Conducted Emissions items: AC Adapter 1 and AC Adapter 2. Pre-scan these modes and find the worst case as a representative test condition. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). |
|---------------|---|
| l Worst Case: | AC Adapter 1 and AC Adapter 2 Worst Condition: AC Adapter 1 The EUT is designed to be positioned on the Z-Plane only. |

Following channel(s) was (were) selected for the final test as listed below:

| Test Item | Mode | Signal Mode | Tested Channel | Modulation | Data Rate Parameter |
|------------------------------------|-------------------|-------------|-------------------|-----------------|------------------------|
| Unwanted Emissions below 1 GHz | 802.11b + 802.11a | CDD + CDD | 1 + 149 | DBPSK + BPSK | 1Mb/s + MCS0 |
| Unwanted Emissions above 1 GHz | 802.11b + 802.11a | CDD + CDD | 1 + 149 | DBPSK + BPSK | 1Mb/s + MCS0 |
| Conducted Out of Band Emissions | 802.11b + 802.11a | CDD + CDD | 1 + 149 | DBPSK + BPSK | 1Mb/s + MCS0 |

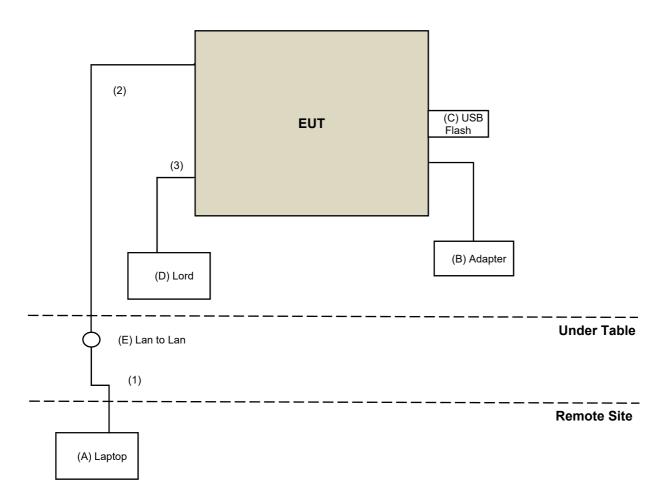
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3.5 Test Program Used and Operation Descriptions

Controlling software Access manual Tool 3.2.1.5 has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.6 Connection Diagram of EUT and Peripheral Devices



3.7 Configuration of Peripheral Devices and Cable Connections

| ID | Product | Brand | Model No. | Serial No. | FCC ID | Remarks |
|----|------------|---------|---------------------|------------|--------|-----------------------|
| Α | Laptop | DELL | E5430 | 2RL3YW1 | N/A | Provided by Lab |
| В | Adapter | NETGEAR | ADS-40FPC-12 12030E | N/A | N/A | Supplied by applicant |
| С | USB Flash | SanDisk | SDDDC3-032G | N/A | N/A | Provided by Lab |
| D | Lord | N/A | N/A | N/A | N/A | Provided by Lab |
| Е | Lan to Lan | N/A | N/A | N/A | N/A | Provided by Lab |

| ID | Cable Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks |
|----|--------------------|------|---------------|-----------------------|-----------------|------------------|
| 1 | RJ-45 Cable | 1 | 10 | N | N | Provided by Lab |
| 2 | RJ-45 Cable | 1 | 1.96 | N | N | Accessory of EUT |
| 3 | RJ-45 Cable | 4 | 1.5 | N | N | Provided by Lab |

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4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Conducted Out of Band Emissions

| Description Manufacturer | Model No. | Serial No. | Calibrated Date | Calibrated Until |
|-----------------------------------|----------------------------------|------------|--------------------|---------------------|
| Signal & Spectrum Analyzer R&S | FSV3044 | 101105 | 2024/2/27 | 2025/2/26 |
| Software BV | ADT_RF Test Software V7.6.5.4 | N/A | N/A | N/A |

Notes:

1. The test was performed in Oven room.

2. Tested Date: 2024/6/18

4.2 Unwanted Emissions below 1 GHz

| Description Manufacturer | Model No. | Serial No. | Calibrated Date | Calibrated Until |
|-----------------------------------|------------------------------|--------------|--------------------|---------------------|
| Antenna Tower inn-co GmbH | MA 4000 | 010303 | N/A | N/A |
| Bi_Log Antenna Schwarzbeck | VULB 9168 | 9168-155 | 2023/10/13 | 2024/10/12 |
| EMI Test Receiver R&S | ESR3 | 102782 | 2023/12/7 | 2024/12/6 |
| Loop Antenna Electro-Metrics | EM-6879 | 269 | 2023/9/23 | 2024/9/22 |
| Loop Antenna TESEQ | HLA 6121 | 45745 | 2023/8/8 | 2024/8/7 |
| Preamplifier Agilent | 8447D | 2944A10631 | 2024/5/1 | 2025/4/30 |
| Preamplifier EMCI | EMC001340 | 980201 | 2023/9/27 | 2024/9/26 |
| RF Coaxial Cable Woken | 8D-FB | Cable-CH4-01 | 2023/7/8 | 2024/7/7 |
| Signal & Spectrum Analyzer R&S | FSW43 | 101582 | 2024/4/12 | 2025/4/11 |
| Software BV ADT | ADT_Radiated_ V7.6.15.9.5 | N/A | N/A | N/A |
| Turn Table BV ADT | TT100 | TT93021705 | N/A | N/A |
| Turn Table Controller BV ADT | SC100 | SC93021705 | N/A | N/A |

Notes:

1. The test was performed in HY - 966 chamber 3.

2. Tested Date: 2024/6/6

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4.3 **Unwanted Emissions above 1 GHz**

| Description Manufacturer | Model No. | Serial No. | Calibrated Date | Calibrated Until |
|------------------------------------|------------------------------|----------------------|--------------------|---------------------|
| Antenna Tower inn-co GmbH | MA 4000 | 010303 | N/A | N/A |
| Boresight antenna tower fixture BV | BAF-02 | 5 | N/A | N/A |
| EMI Test Receiver R&S | ESR3 | 102782 | 2023/12/7 | 2024/12/6 |
| | BBHA 9120D | 9120D-408 | 2023/11/12 | 2024/11/11 |
| Horn Antenna | | 9170-480 | 2023/11/12 | 2024/11/11 |
| Schwarzbeck | BBHA 9170 | BBHA9170241 | 2023/10/16 | 2024/10/15 |
| | | BBHA9170243 | 2023/11/12 | 2024/11/11 |
| Preamplifier EMCI | EMC 184045 | 980116 | 2023/9/27 | 2024/9/26 |
| Preamplifier Keysight | 83017A | MY53270295 | 2024/5/1 | 2025/4/30 |
| RF Coaxial Cable | EMC102-KM-KM-600 | 150928 | 2023/7/8 | 2024/7/7 |
| EMCI | EMC102-KM-KM-3000 | 150929 | 2023/7/8 | 2024/7/7 |
| RF Coaxial Cable | SUCOFLEX 104 | Cable-CH4-03(250724) | 2024/5/1 | 2025/4/30 |
| HUBER+SUHNER | Sucoflex 104 | MY 13380+295012/04 | 2024/5/1 | 2025/4/30 |
| Signal & Spectrum Analyzer R&S | FSW43 | 101582 | 2024/4/12 | 2025/4/11 |
| Software BV ADT | ADT_Radiated_ V7.6.15.9.5 | N/A | N/A | N/A |
| Turn Table BV ADT | TT100 | TT93021705 | N/A | N/A |
| Turn Table Controller BV ADT | SC100 | SC93021705 | N/A | N/A |

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: $2024/6/7 \sim 2024/7/2$

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5 Limits of Test Items

5.1 Conducted Out of Band Emissions

Below 30 dB of the highest emission level of operating band (in 100 kHz Resolution Bandwidth).

5.2 Unwanted Emissions below 1 GHz

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 30 dB below the highest level of the desired power:

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| 0.009 ~ 0.490 | 2400/F(kHz) | 300 |
| 0.490 ~ 1.705 | 24000/F(kHz) | 30 |
| 1.705 ~ 30.0 | 30 | 30 |
| 30 ~ 88 | 100 | 3 |
| 88 ~ 216 | 150 | 3 |
| 216 ~ 960 | 200 | 3 |
| Above 960 | 500 | 3 |

Notes:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

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5.3 Unwanted Emissions above 1 GHz

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 30 dB below the highest level of the desired power

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| Above 960 | 500 | 3 |

Notes:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

For 5 15-5 850 GHz band limits of unwanted emission out of the restricted bands

| of the thought of the band in the transfer of the four of the four of the four of the bands | | | | | |
|---|-----------------------|-----------------|--|--|--|
| Applicable To | Limit | | | | |
| 789033 D02 General UNII Test Procedure New Rules | Field Strength at 3 m | | | | |
| v02r01 | PK: 74 (dBµV/m) | AV: 54 (dBμV/m) | | | |

For transmitters operating in the 5.15-5.25 GHz band:

| Applicable To | EIRP Limit | Equivalent Field Strength at 3 m |
|---------------|-------------------|----------------------------------|
| 15.407(b)(1) | PK: -27 (dBm/MHz) | PK: 68.2 (dBμV/m) |

For transmitters operating in the 5.25-5.35 GHz band:

| Applicable To | EIRP Limit | Equivalent Field Strength at 3 m |
|---------------|-------------------|----------------------------------|
| 15.407(b)(2) | PK: -27 (dBm/MHz) | PK: 68.2 (dBµV/m) |

For transmitters operating in the 5.47-5.725 GHz band:

| 1 of transmitted operating in the 6.47 6.725 on 2 band. | | | | | | |
|---|-------------------|----------------------------------|--|--|--|--|
| Applicable To | EIRP Limit | Equivalent Field Strength at 3 m | | | | |
| 15.407(b)(3) | PK: -27 (dBm/MHz) | PK: 68.2 (dBµV/m) | | | | |

For transmitters operating in the 5.725-5.850 GHz band:

| DK: 27 (| , |
|-------------------------------------|---|
| 15.407(b)(4)(i) PK: 10 (i) PK: 15.6 | dBm/MHz) *1 PK: 68.2 (dBμV/m) *1 dBm/MHz) *2 PK: 105.2 (dBμV/m) *2 (dBm/MHz) *3 PK: 110.8 (dBμV/m) *3 PK: 122.2 (dBμV/m) *4 |

^{*1} beyond 75 MHz or more above of the band edge.

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

E =
$$\frac{1000000\sqrt{30P}}{3}$$
 µV/m, where P is the eirp (Watts).

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^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



For 5.815-5.855 GHz band limits of unwanted emission out of the restricted bands

- (i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz.
- (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.
- (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

E =
$$\frac{1000000\sqrt{30P}}{3}$$
 µV/m, where P is the eirp (Watts).

For 5.925-7.125 GHz band limits of unwanted emission out of the restricted bands

| Frequencies (MHz) | EIRP Limit | Equivalent Field Strength at 3 m |
|-------------------------|------------------------|----------------------------------|
| 5005 MH- > 5 > 7405 MH- | Peak: -7 (dBm/MHz) | 88.2 (dBuV/m) |
| 5925 MHz > F > 7125 MHz | Average: -27 (dBm/MHz) | 68.2 (dBuV/m) |

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3}$$
 µV/m, where P is the eirp (Watts).

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6 Test Arrangements

6.1 Conducted Out of Band Emissions

6.1.1 Test Setup



6.1.2 Test Procedure

MEASUREMENT PROCEDURE REF

- a. Set the RBW = 100 kHz.
- b. Set the VBW ≥ 300 kHz.
- c. Detector = peak.
- d. Sweep time = auto couple.
- e. Trace mode = max hold.
- f. Allow trace to fully stabilize.
- g. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

- a. Set RBW = 100 kHz.
- b. Set VBW ≥ 300 kHz.
- c. Detector = peak.
- d. Sweep = auto couple.
- e. Trace Mode = max hold.
- f. Allow trace to fully stabilize.
- g. Use the peak marker function to determine the maximum amplitude level.

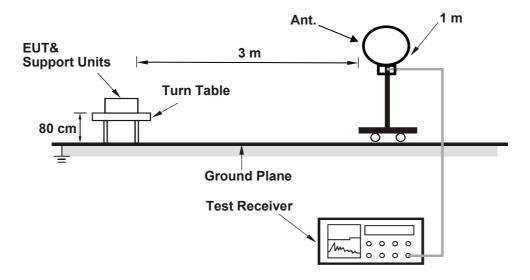
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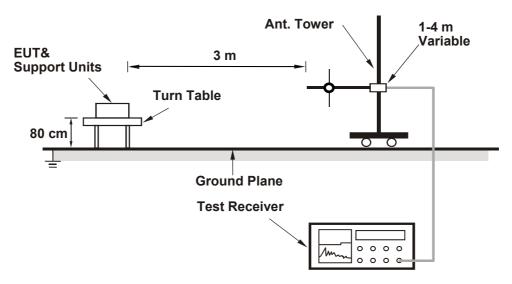
6.2 Unwanted Emissions below 1 GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).



6.2.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
- 2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
- 3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

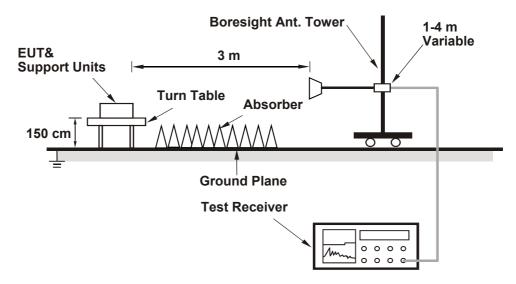
- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
- 2. All modes of operation were investigated and the worst-case emissions are reported.

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6.3 Unwanted Emissions above 1 GHz

6.3.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.3.2 Test Procedure

- a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- 1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- 2. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10 Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1 GHz.
- 3. All modes of operation were investigated and the worst-case emissions are reported.

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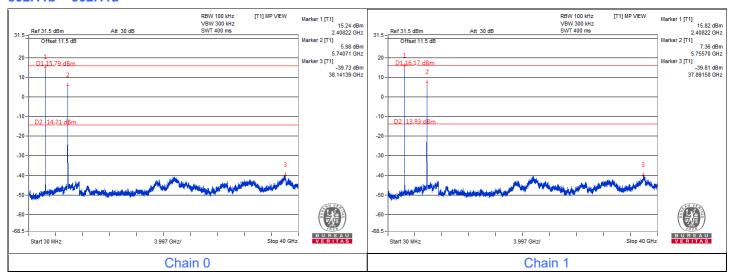


7 Test Results of Test Item

7.1 Conducted Out of Band Emissions

| Input Power: | 120 Vac, 60 Hz | Environmental Conditions: | 23°C, 66% RH | Tested By: | Titan Hsu |
|--------------|----------------|---------------------------|--------------|------------|-----------|
|--------------|----------------|---------------------------|--------------|------------|-----------|

802.11b + 802.11a





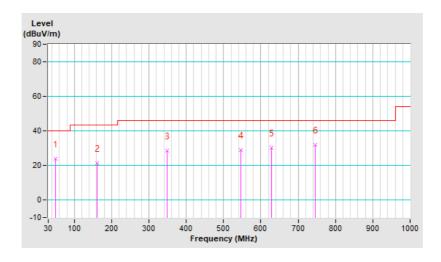
7.2 Unwanted Emissions below 1 GHz

| RF Mode | 802.11b + 802.11a | Channel | CH 1 : 2412 MHz + CH 149 : 5745 MHz |
|-----------------|-------------------|-------------------------------|--|
| Frequency Range | 30 MHz ~ 1 GHz | Detector Function & Bandwidth | QP: RB=120kHz, DET=Quasi-Peak |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 23°C, 66% RH |
| Tested By | Titan Hsu | | |

| | Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | |
|----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 50.37 | 23.9 QP | 40.0 | -16.1 | 1.50 H | 261 | 32.5 | -8.6 |
| 2 | 160.95 | 21.5 QP | 43.5 | -22.0 | 1.50 H | 7 | 30.1 | -8.6 |
| 3 | 349.13 | 28.4 QP | 46.0 | -17.6 | 1.00 H | 316 | 35.1 | -6.7 |
| 4 | 546.04 | 29.0 QP | 46.0 | -17.0 | 1.00 H | 0 | 32.0 | -3.0 |
| 5 | 628.49 | 30.2 QP | 46.0 | -15.8 | 1.00 H | 341 | 30.9 | -0.7 |
| 6 | 744.89 | 32.0 QP | 46.0 | -14.0 | 1.50 H | 245 | 30.1 | 1.9 |

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 5. The frequency range 9 kHz \sim 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



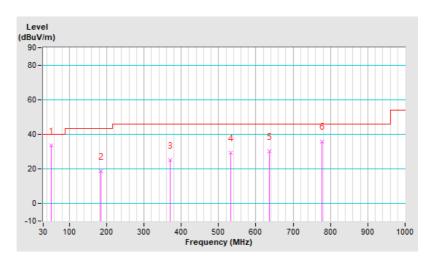


| | | | VERITAS |
|-----------------|-------------------|-------------------------------|--|
| RF Mode | 802.11b + 802.11a | Channel | CH 1 : 2412 MHz + CH 149 : 5745 MHz |
| Frequency Range | 30 MHz ~ 1 GHz | Detector Function & Bandwidth | QP: RB=120kHz, DET=Quasi-Peak |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 23°C, 66% RH |
| Tested By | Titan Hsu | | |

| | Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|--|
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 51.34 | 33.7 QP | 40.0 | -6.3 | 1.00 V | 316 | 42.3 | -8.6 | |
| 2 | 185.20 | 18.9 QP | 43.5 | -24.6 | 1.50 V | 338 | 29.6 | -10.7 | |
| 3 | 369.50 | 25.2 QP | 46.0 | -20.8 | 1.00 V | 312 | 31.3 | -6.1 | |
| 4 | 532.46 | 29.2 QP | 46.0 | -16.8 | 1.50 V | 211 | 32.4 | -3.2 | |
| 5 | 637.22 | 30.3 QP | 46.0 | -15.7 | 1.00 V | 110 | 30.9 | -0.6 | |
| 6 | 776.90 | 36.0 QP | 46.0 | -10.0 | 1.00 V | 232 | 33.7 | 2.3 | |

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 5. The frequency range 9 kHz \sim 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.





7.3 Unwanted Emissions above 1 GHz

| RF Mode | 802.11b + 802.11a Channel | | CH 1 : 2412 MHz + CH 149 : 5745 MHz |
|-----------------|---------------------------|-------------------------------|--|
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 23°C, 66% RH |
| Tested By | Titan Hsu | | _ |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|--------------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2390.00 | 59.5 PK | 74.0 | -14.5 | 2.55 H | 138 | 24.6 | 34.9 |
| 2 | 2390.00 | 47.2 AV | 54.0 | -6.8 | 2.55 H | 138 | 12.3 | 34.9 |
| 3 | *2412.00 | 113.0 PK | | | 2.55 H | 138 | 78.0 | 35.0 |
| 4 | *2412.00 | 110.5 AV | | | 2.55 H | 138 | 75.5 | 35.0 |
| 5 | 4824.00 | 50.7 PK | 74.0 | -23.3 | 1.85 H | 229 | 37.2 | 13.5 |
| 6 | 4824.00 | 41.0 AV | 54.0 | -13.0 | 1.85 H | 229 | 27.5 | 13.5 |
| 7 | #5642.40 | 61.1 PK | 68.2 | -7.1 | 2.45 H | 103 | 47.7 | 13.4 |
| 8 | *5745.00 | 117.1 PK | | | 2.45 H | 103 | 72.5 | 44.6 |
| 9 | *5745.00 | 107.2 AV | | | 2.45 H | 103 | 62.6 | 44.6 |
| 10 | #5969.20 | 61.4 PK | 68.2 | -6.8 | 2.45 H | 103 | 47.4 | 14.0 |
| 11 | 11490.00 | 62.8 PK | 74.0 | -11.2 | 1.77 H | 193 | 39.4 | 23.4 |
| 12 | 11490.00 | 49.3 AV | 54.0 | -4.7 | 1.77 H | 193 | 25.9 | 23.4 |

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit.
- 5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
- 6. " # ": The radiated frequency is out of the restricted band.

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| | | | VERITAS |
|-----------------|-------------------|-------------------------------|--|
| RF Mode | 802.11b + 802.11a | Channel | CH 1 : 2412 MHz + CH 149 : 5745 MHz |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 23°C, 66% RH |
| Tested By | Titan Hsu | | |

| | Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | |
|----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2390.00 | 60.1 PK | 74.0 | -13.9 | 1.56 V | 129 | 25.2 | 34.9 |
| 2 | 2390.00 | 47.4 AV | 54.0 | -6.6 | 1.56 V | 129 | 12.5 | 34.9 |
| 3 | *2412.00 | 118.5 PK | | | 1.56 V | 129 | 83.5 | 35.0 |
| 4 | *2412.00 | 116.0 AV | | | 1.56 V | 129 | 81.0 | 35.0 |
| 5 | 4824.00 | 52.3 PK | 74.0 | -21.7 | 1.45 V | 250 | 38.8 | 13.5 |
| 6 | 4824.00 | 44.0 AV | 54.0 | -10.0 | 1.45 V | 250 | 30.5 | 13.5 |
| 7 | #5627.60 | 60.9 PK | 68.2 | -7.3 | 1.51 V | 296 | 47.7 | 13.2 |
| 8 | *5745.00 | 123.3 PK | | | 1.51 V | 296 | 78.7 | 44.6 |
| 9 | *5745.00 | 113.9 AV | | | 1.51 V | 296 | 69.3 | 44.6 |
| 10 | #5934.80 | 61.3 PK | 68.2 | -6.9 | 1.51 V | 296 | 47.3 | 14.0 |
| 11 | 11490.00 | 63.4 PK | 74.0 | -10.6 | 2.31 V | 198 | 40.0 | 23.4 |
| 12 | 11490.00 | 49.7 AV | 54.0 | -4.3 | 2.31 V | 198 | 26.3 | 23.4 |

Remarks:

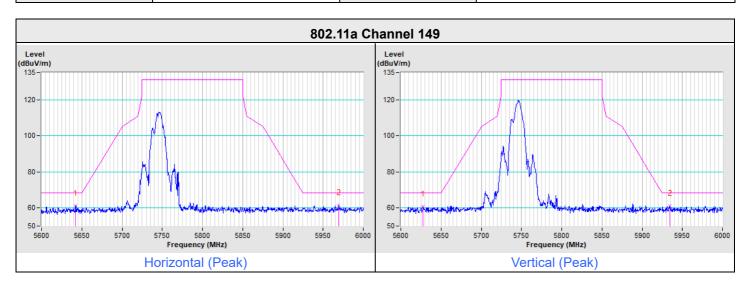
- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit.
- 5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
- 6. " # ": The radiated frequency is out of the restricted band.

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Plot of Band Edge

| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|
|-----------------|-----------------|-------------------------------|----------------------------------|





8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

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9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180 Fax: 886-2-26051924

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232 Fax: 886-3-3270892

Email: service.adt@bureauveritas.com. Web Site: http://ee.bureauveritas.com.tw

The address and road map of all our labs can be found in our web site also.

--- END ---

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