# Test Report

**Verified code:** 713816

**Report No.:** E202309059135-01-8

| | |
|---|---|
| Customer: | Kräemer Automotive Systems GmbH |
| Address: | Obere Wässere 6-8 72764 Reutlingen Germany |
| Sample Name: | Bentley Infotainment System(BIS) |
| Sample Model: | KR-BIS |
| Receive Sample Date: | Sep.22,2023 |
| Test Date: | Nov.28,2023 ~ May.10,2024 |
| Reference Document: | 47 CFR, FCC Parts 15 Subpart E Unlicensed National Information Infrastructure Devices |
| Test Result: | Pass |

Prepared by: Chen Xiaocong Chen Xiaocong

Reviewed by: Wu Haoting Wu Haoting

Approved by: Xiao Liang Xiao Liang

GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2024-07-24

GRG METROLOGY & TEST GROUP CO., LTD.
Address: No.163, Pingyun Road, West of Huangpu Avenue, Guangzhou, Guangdong, China
Tel：（+86）400-602-0999 FAX：（+86）020-38698685 Web：http://www.grgtest.com

# Statement

1. The report is invalid without "special seal for inspection and testing"; some copies are invalid; The report is invalid if it is altered or missing; The report is invalid without the signature of the person who prepared, reviewed and approved it.

2. The sample information is provided by the client and responsible for its authenticity; The content of the report is only valid for the samples sent this time.

3. When there are reports in both Chinese and English, the Chinese version will prevail when the language problems are inconsistent.

4. If there is any objection concerning the report, please inform us within 15 days from the date of receiving the report.

5. This testing report is only for scientific research, teaching, internal quality control, etc.

**——Blank space below this page——**

# Table of Contents

**——Blank space below this page——**

**REPORT ISSUED HISTORY**

| Report Version | Report No. | Description | Compile Date |
|---|---|---|---|
| 1.0 | E202309059135-01-8 | Original Issue | 2024-05-22 |

**——Blank space below this page——**

## 1. TEST RESULT SUMMARY

| Standard | Item | Limit / Severity | Result |
|---|---|---|---|
| 47 CFR, FCC Parts 15 Subpart E (§15.407) | 6dB Bandwidth &26dB Bandwidth & 99% Occupied Bandwidth | 15.407(a) 15.407(e) | PASS |
| | AC Power Line Conducted Emissions | 15.207 15.407(b)(9) | N/A[2)] |
| | Unwanted Emissions and Band Edge | 15.205 15.209 15.407(b) | PASS |
| | Output Power | 15.407(a) | PASS |
| | Peak Power Spectral Density | 15.407(a) | PASS |
| | Frequency Stability | 15.407(g) | PASS |
| | Antenna Requirement | 15.203 | PASS[1)] |

Note:[1)] The antenna is Ceramics antenna. The max gain of antenna is 3.66dBi, which accordance 15.203 is considered sufficient to comply with the provisions of this section.

[2)]Test is not applicable to this Equipment. This EUT is no AC mains power ports.

**——Blank space below this page——**

# 2. GENERAL DESCRIPTION OF EUT

## 2.1 APPLICANT

| | |
|---|---|
| Name: | Kräemer Automotive Systems GmbH |
| Address: | Obere Wässere 6-8 72764 Reutlingen Germany |

## 2.2 MANUFACTURER

| | |
|---|---|
| Name: | Kräemer Automotive Systems GmbH |
| Address: | Obere Wässere 6-8 72764 Reutlingen Germany |

## 2.3 FACTORY

| | |
|---|---|
| Name : | Huizhou Foryou General Electronics Co., Ltd. |
| Address : | No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, 516005 Huizhou city, Guangdong Province, China(PROC) |

## 2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

| | |
|---|---|
| Product Name: | Bentley Infotainment System(BIS) |
| Product Model: | KR-BIS |
| FCC ID: | 2AD6S-KRBIS |
| Trade Mark: | BENTLEY |
| Power Supply: | DC 12V, 15A |
| Frequency Band: | U-NII-1: 5180MHz~5240MHz<br>U-NII-3: 5745MHz~5825MHz |
| Modulation Type: | IEEE 802.11a: OFDM<br>IEEE 802.11n: OFDM<br>IEEE 802.11ac: OFDM |
| Antenna Specification: | U-NII-1: Ceramics antenna with 2.58dBi antenna gain(max)<br>U-NII-3: Ceramics antenna with 3.66dBi antenna gain(max) |
| Channels Spacing: | IEEE 802.11a: 20MHz<br>IEEE 802.11n HT20: 20MHz<br>IEEE 802.11n HT40: 40MHz<br>IEEE 802.11acVHT20: 20MHz<br>IEEE 802.11acVHT40: 40MHz<br>IEEE 802.11acVHT80: 80MHz |
| Transmit Power: | U-NII-1:<br>9.28dBm for IEEE 802.11a<br>8.93dBm for IEEE 802.11n HT20<br>9.31dBm for IEEE 802.11acVHT20<br>9.54dBm for IEEE 802.11n HT40<br>9.31dBm for IEEE 802.11acVHT40<br>8.25dBm for IEEE 802.11ac VHT80<br>U-NII-3: |

| | |
|---|---|
| | 9.08dBm for IEEE 802.11a<br>8.06dBm for IEEE 802.11n HT20<br>7.97dBm for IEEE 802.11acVHT20<br>8.46dBm for IEEE 802.11n HT40<br>8.28dBm for IEEE 802.11acVHT40<br>8.15dBm for IEEE 802.11ac VHT80 |
| Temperature Range: | -20℃~+60℃ |
| Hardware Version: | V0.1 |
| Software Version: | V00.00.01 |
| Sample submitting way: | ■Provided by customer □Sampling |
| Sample No: | E202309059135-01-0003, E202309059135-01-0004 |
| Note : | The EUT antenna gain is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions. |

**——Blank space below this page——**

## 2.5 CHANNEL LIST AND POWER SETTING

| Mode | Frequecy (MHz) | Power Setting | Frequecy (MHz) | Power Setting |
|---|---|---|---|---|
| IEEE 802.11a | 5180 | 48 | 5745 | 48 |
| | 5200 | 48 | 5785 | 48 |
| | 5240 | 48 | 5825 | 48 |

| Mode | Frequecy (MHz) | Power Setting | Mode | Frequecy (MHz) | Power Setting |
|---|---|---|---|---|---|
| IEEE 802.11n HT20 | 5180 | 48 | IEEE 802.11ac VHT20 | 5180 | 48 |
| | 5200 | 48 | | 5200 | 48 |
| | 5240 | 43 | | 5240 | 43 |
| | 5745 | 48 | | 5745 | 48 |
| | 5785 | 48 | | 5785 | 48 |
| | 5825 | 48 | | 5825 | 48 |

| Mode | Frequecy (MHz) | Power Setting | Mode | Frequecy (MHz) | Power Setting |
|---|---|---|---|---|---|
| IEEE 802.11n HT40 | 5190 | 45 | IEEE 802.11ac VHT40 | 5190 | 48 |
| | 5230 | 41 | | 5230 | 43 |
| | 5755 | 48 | | 5755 | 48 |
| | 5795 | 48 | | 5795 | 48 |

| Mode | Frequecy (MHz) | Power Setting | Frequecy (MHz) | Power Setting |
|---|---|---|---|---|
| IEEE 802.11ac VHT80 | 5210 | 37 | 5775 | 48 |

**Test software:**

| Software version |
|---|
| adb |

## 2.6 TEST OPERATION MODE

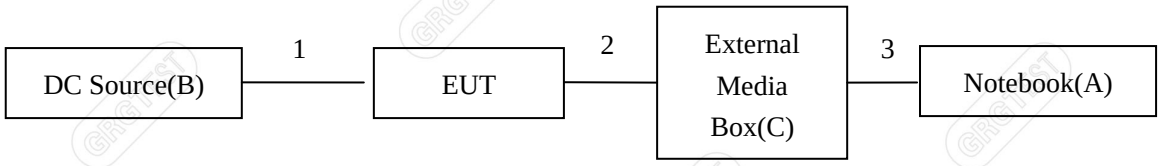
| Mode No. | Description of the modes |
|---|---|
| 1 | 5GHz Wi-Fi fixed frequency transmitting |

## 2.7 LOCAL SUPPORTIVEINSTRUMENTS

| No. | Name of Equipment | Manufacturer | Model | Serial Number |
|---|---|---|---|---|
| A | Notebook | DELL | Latitude3400 | 8RZFJW2 |
| B | DC source | KEYSIGHT | E36131A | MY59001135 |
| C | External Media BOX | / | / | / |

| No. | Cable Type | Qty. | Shielded Type | Ferrite Core(Qty.) | Length |
|---|---|---|---|---|---|
| 1 | DC cable | 1 | No | 0 | 1.0m |
| 2 | Serial cable | 1 | No | 0 | 1.0m |
| 3 | USB cable | 1 | No | 0 | 1.5m |

## 2.8 CONFIGURATION OF SYSTEM UNDER TEST




**——Blank space below this page——**

## 2.9 DUTY CYCLE

Environment: 26.4℃/61%RH 101.0kPa Voltage:DC 12V
Tested By: Huang Tianmei Date: 2023-11-28

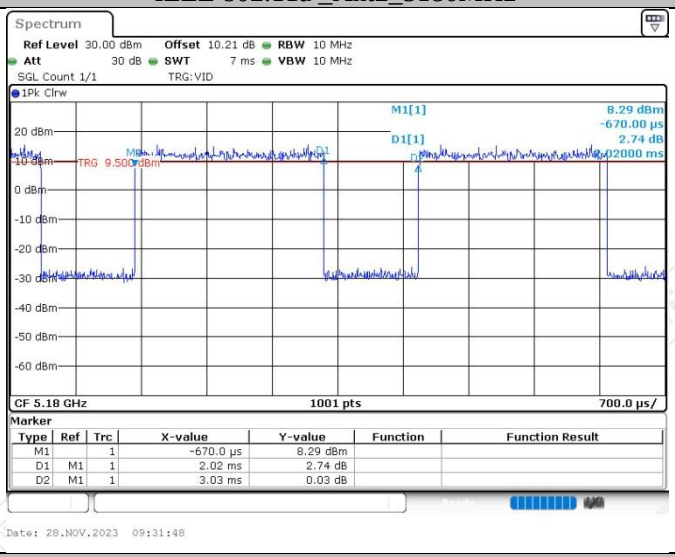
| TestMode | Antenna | Freq (MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Factor | T(s) |
|---|---|---|---|---|---|---|---|
| IEEE 802.11a | Ant2 | 5180 | 2.02 | 3.03 | 66.67 | 1.76 | 0.00202 |
| IEEE 802.11n HT20 | Ant2 | 5180 | 1.89 | 2.89 | 65.40 | 1.84 | 0.00189 |
| IEEE 802.11n HT40 | Ant2 | 5190 | 0.92 | 1.93 | 47.67 | 3.22 | 0.00092 |
| IEEE 802.11ac VHT20 | Ant2 | 5180 | 1.89 | 2.90 | 65.17 | 1.86 | 0.00189 |
| IEEE 802.11ac VHT40 | Ant2 | 5190 | 0.93 | 1.94 | 47.94 | 3.19 | 0.00093 |
| IEEE 802.11ac VHT80 | Ant2 | 5210 | 0.45 | 1.46 | 30.82 | 5.11 | 0.00045 |

Note:Duty Factor=10log(1/Duty Cycle).

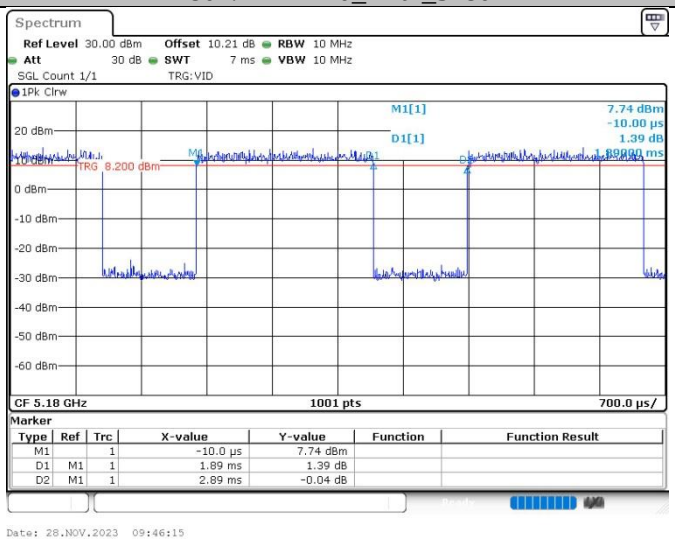
**——Blank space below this page——**

Test Graphs

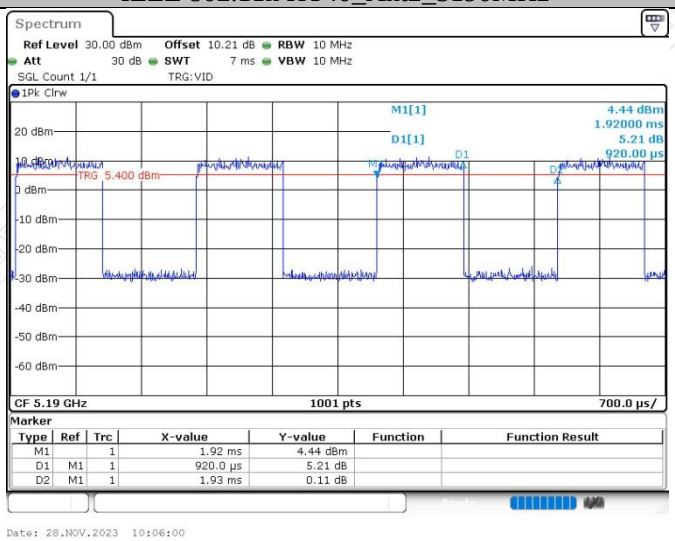
IEEE 802.11a _Ant2_5180MHz



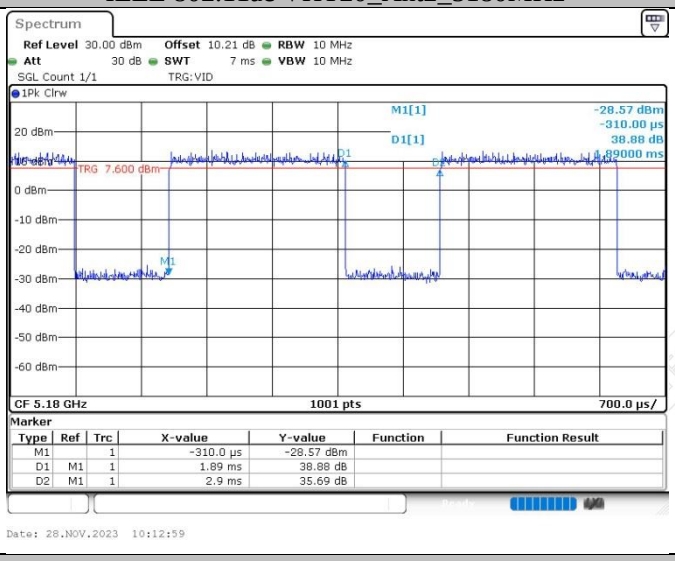

IEEE 802.11n HT20_Ant2_5180MHz



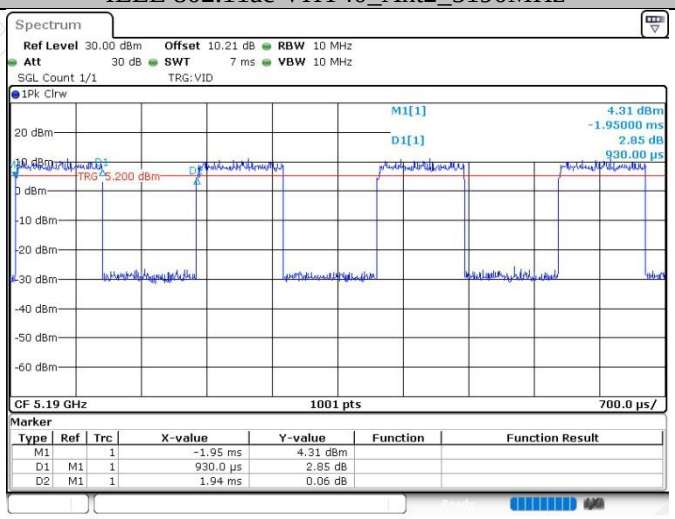

IEEE 802.11n HT40_Ant2_5190MHz



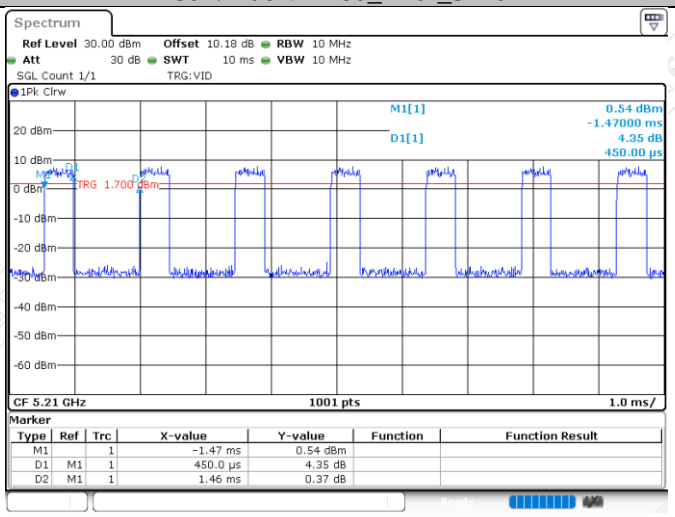
IEEE 802.11ac VHT20_Ant2_5180MHz




IEEE 802.11ac VHT40_Ant2_5190MHz




IEEE 802.11ac VHT80_Ant2_5210MHz



# 3. LABORATORY AND ACCREDITATIONS AND MEASUREMENT UNCERTAINTY

## 3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP CO., LTD.

Add.: No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China

P.C.: 518110

Tel : 0755-61180008

Fax: 0755-61180008

## 3.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

| | |
|---|---|
| **USA** | A2LA(Certificate #2861.01) |

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

| | |
|---|---|
| **Canada** | ISED (Company Number: 24897, CAB identifier:CN0069) |
| **USA** | FCC (Registration Number: 759402, Designation Number:CN1198) |

Copies of granted accreditation certificates are available for downloading from our web site, http://www.grgtest.com

**——Blank space below this page——**

---

### 3.3 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:

| Measurement | | Frequency | Uncertainty |
|---|---|---|---|
| Radiated Emission | X | 9kHz～30MHz | 4.4dB[1)] |
| | Y | 9kHz～30MHz | 4.4dB[1)] |
| | Z | 9kHz～30MHz | 4.4dB[1)] |
| | Horizontal | 30MHz～200MHz | 4.6dB[1)] |
| | | 200MHz~1000MHz | 4.8dB[1)] |
| | | 1GHz～18GHz | 5.0dB[1)] |
| | | 18GHz～40GHz | 5.2dB[1)] |
| | Vertical | 30MHz～200MHz | 4.7dB[1)] |
| | | 200MHz~1000MHz | 4.7dB[1)] |
| | | 1GHz～18GHz | 5.1dB[1)] |
| | | 18GHz～40GHz | 5.4dB[1)] |

| Measurement | Uncertainty |
|---|---|
| RF frequency | $6.0\times10^{-6}$ |
| RF power conducted | 0.78dB |
| Power spectral density | 0.78dB |
| Occupied channel bandwidth | 0.4dB |
| Unwanted emission, conducted | 0.68dB |
| Humidity | 6.0% |
| Temperature | 2.0℃ |

Note:

[1)] This uncertainty represents an expanded uncertainty expressed at approximately the 95%.

This uncertainty represents an expanded uncertainty factor of *k*=2.

## 4. LIST OF USED TEST EQUIPMENT AT GRGT

| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Due |
|---|---|---|---|---|
| **Unwanted Emissions & Band Edge** | | | | |
| Loop Antenna | Schwarzbeck | FMZB 1513-60 | 1513-60-56 | 2024-07-15 |
| Loop Antenna | Schwarzbeck | FMZB 1513-60 | 1513-60-56 | 2025-05-07 |
| Preamplifier | SHIRONG ELECTRONIC | DLNA-30M1G-G40 | 20200928001 | 2025-01-30 |
| Bi-log Antenna | Schwarzbeck | VULB9160 | VULB9160-3402 | 2024-10-06 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | 02143 | 2024-09-23 |
| Test Receiver | R&S | ESR26 | 101758 | 2024-09-22 |
| Spectrum Analyzer | Agilent | N9010A | MY52221469 | 2025-04-19 |
| Board-Band Horn Antenna | Schwarzbeck | BBHA 9170 | BBHA 9170-497 | 2024-09-18 |
| Amplifier | Tonscend | TAP01018048 | AP20E8060075 | 2025-03-01 |
| Amplifier | Tonscend | TAP184050 | AP20E806071 | 2025-03-01 |
| Amplifier | SHIRONG | DLNA-1G18G-G40 | 20200928005 | 2024-08-17 |
| Test S/W | Tonscend | JS36-RE/2.5.1.5 | | |
| Test S/W | EZ | CCS-03A1 | | |
| **99% Bandwidth & 6 dB Bandwidth & 26dB Bandwidth & Peak power spectral density & Duty cycle** | | | | |
| Spectrum Analyzer | R&S | FSV30 | 1321.3008K30 -104381-rH | 2024-10-13 |
| Automatic control unit | TONSCEND | JS0806-2 | 2018060317 | 2024-08-04 |
| BT/WIFI System | Tonscend | JS1120-3 | | |
| **Output Power** | | | | |
| Pulse power sensor | Anristu | MA2411B | 1126150 | 2024-02-12 |
| Pulse power sensor | Anristu | MA2411B | 1126150 | 2025-01-11 |
| Power meter | Anristu | ML2495A | 1204003 | 2024-02-12 |
| Power meter | Anristu | ML2495A | 1204003 | 2025-01-11 |

| **Frequency Stability** | | | | |
|---|---|---|---|---|
| Spectrum Analyzer | R&S | FSV30 | 1321.3008K30 -104381-rH | 2024-10-13 |
| Automatic control unit | TONSCEND | JS0806-2 | 2018060317 | 2024-08-04 |
| DC source | KEYSIGHT | E36131A | MY59001135 | 2024-09-22 |
| Programmable constant temperature and humidity test chamber | FC | FPHC-23AW-40 | FD202306015 | 2024-09-10 |
| BT/WIFI System | TONSCEND | JS1120-3 | / | / |

Note: The calibration interval of the above test instruments is 12 months.

**——Blank space below this page——**

## 5. UNWANTED EMISSIONS

### 5.1 LIMITS

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The unwanted emissions which fall in Restricted bands shall not exceed the field strength levels specified in the following table:

15.209 Radiated emission limits

| Frequency (MHz) | Field Strength(μV/m) | Distance(m) |
|---|---|---|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

**——Blank space below this page——**

## 5.2 TEST PROCEDURES

a) EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
b) EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
c) Set the EUT transmit continuously with maximum output power.
d) The turn table can rotate 360 degrees to determine the position of the maximum emission level.
e) The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
f) Spectrum analyzer setting parameters please see the below table.
g) Repeat above procedures until all channels were measured.
h) Record the results in the test report.

For 9kHz-150kHz

| Spectrum Parameters | Setting |
|---|---|
| RBW | 300Hz(for Peak&AVG)/CISPR 200Hz(for QP) |
| VBW | 300Hz(for Peak&AVG)/CISPR 200Hz(for QP) |
| Start frequency | 9kHz |
| Stop frequency | 150kHz |
| Sweep Time | Auto |
| Detector | PEAK/QP/AVG |
| Trace Mode | Max Hold |

Note : For 9kHz-90kHz&110kHz-150kHz,the detector is average,other frequency is CISPR QP detector.

For 150kHz-30MHz

| Spectrum Parameters | Setting |
|---|---|
| RBW | 9kHz |
| VBW | 9kHz |
| Start frequency | 150kHz |
| Stop frequency | 30MHz |
| Sweep Time | Auto |
| Detector | QP |
| Trace Mode | Max Hold |

Note : For 150kHz-490kHz,the detector is average,other frequency is CISPR QP detector.

For 30MHz-1GHz

| Spectrum Parameters | Setting |
|---|---|
| RBW | 120kHz |
| VBW | 300kHz |
| Start frequency | 30MHz |
| Stop frequency | 1GHz |
| Sweep Time | Auto |
| Detector | QP |
| Trace Mode | Max Hold |

For Above 1GHz

| Spectrum Parameters | Setting | |
|---|---|---|
| RBW | 1MHz | |
| VBW | PEAK Measurement | AVG Measurement |
| | 3MHz | Duty cycle≥98%,VBW=10Hz<br>Duty cycle＜98%,VBW≥1/T<br>Video bandwidth mode=RMS (power averaging) |
| Start frequency | 1GHz | |
| Stop frequency | 40GHz | |
| Sweep Time | Auto | |
| Detector | PEAK | |
| Trace Mode | Max Hold | |

Note :

(1) T is the on-time time of the duty cycle,when EUT transmit continuously with maximum output power,unit is seconds. reference section 2.9 for the on-time time.

(2) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:
E = EIRP – 20log D + 104.8
where:
E = electric field strength in dBμV/m,
EIRP = equivalent isotropic radiated power in dBm
D = specified measurement distance in meters.
So: E= -27 – 20log 3 + 104.8=68.3 (dBμV/m).

(3) The unwanted emissions which fall in Restricted bands shall not exceed the field strength ,Above 18G test distance is 1m, so the Peak Limit=74+20*log(3/1)=83.54 (dBμV/m).
The Avg Limit=54+20*log(3/1)=63.54 (dBμV/m).

(4) The maximum emissions of the operation frequency bands ,Above 18G test distance is 1m, so the Peak Limit=68.3+20*log(3/1)=77.84 (dBμV/m).

## 5.3 TEST SETUP

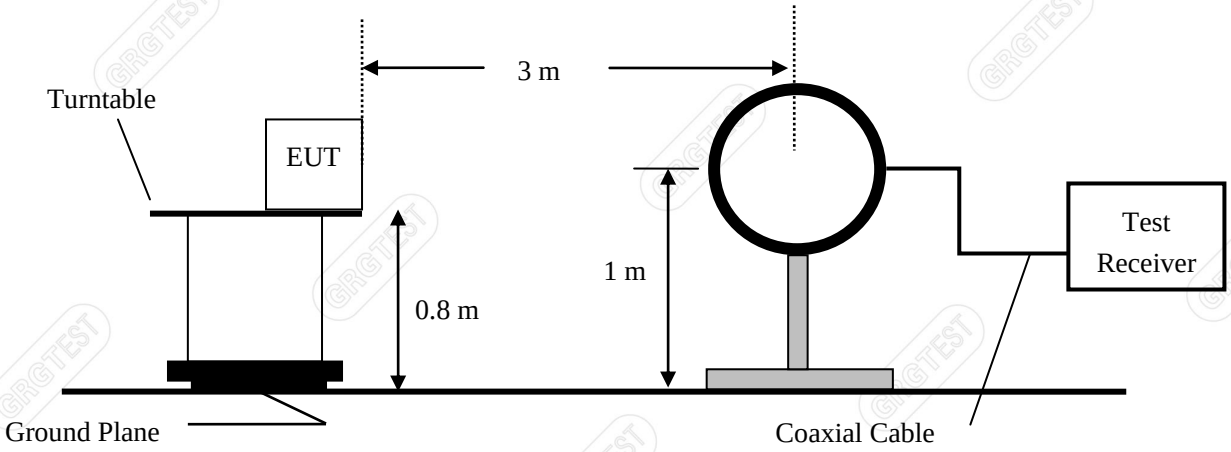



**Figure 1. 9kHz to 30MHz radiated emissions test configuration**

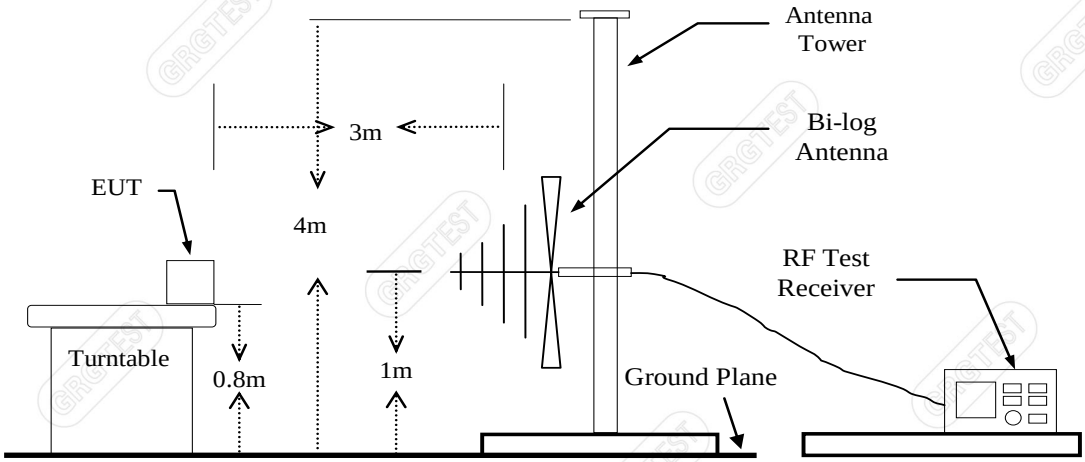



**Figure 2. 30MHz to 1GHz radiated emissions test configuration**

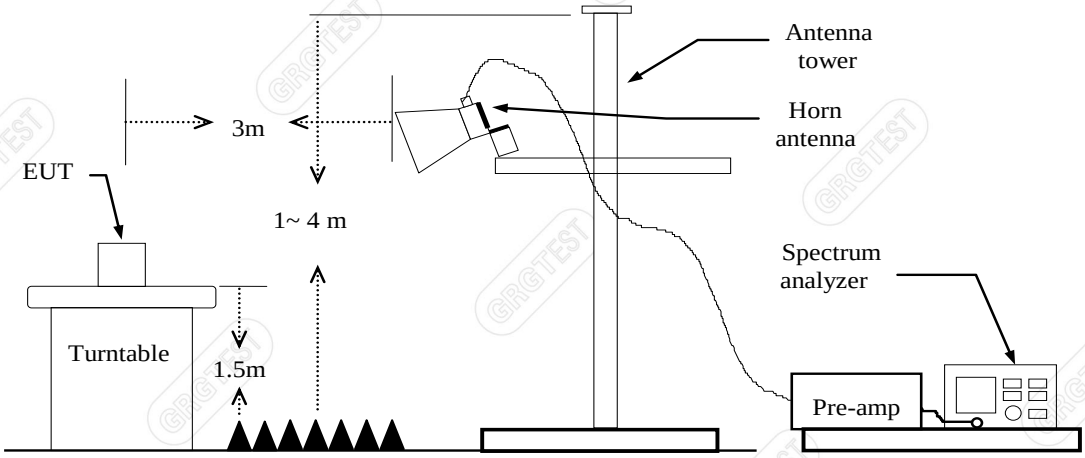



**Figure 3. 1GHz to 18GHz radiated emissions test configuration**

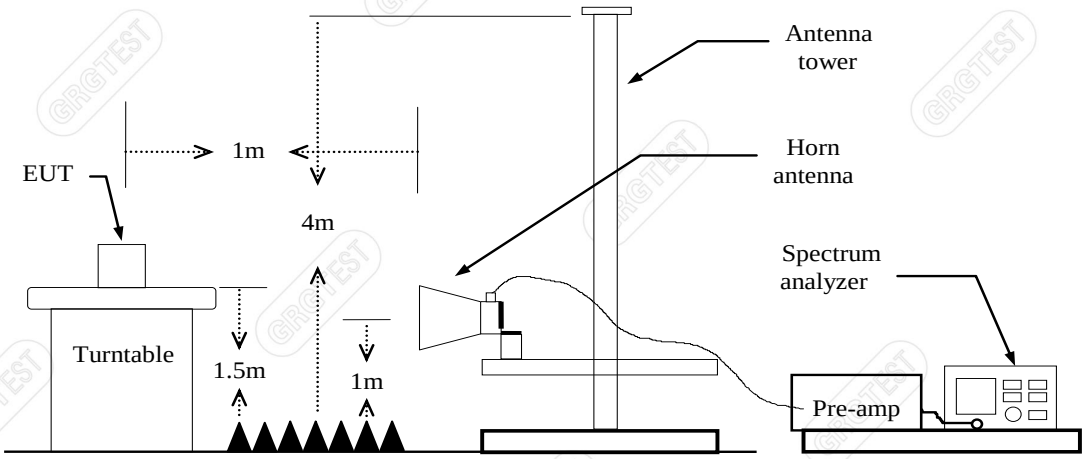



**Figure 4. Above 18GHz radiated emissions test configuration**

## 5.4 DATA SAMPLE

**30MHz to 1GHz**

| Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Heigh (cm) | Detector type |
|---|---|---|---|---|---|---|---|---|
| XXX.XXXX | 54.95 | -28.84 | 26.11 | 43.50 | -17.39 | 78 | 200 | QP |

Frequency (MHz) = Emission frequency in MHz

Reading (dBuV) = Uncorrected Analyzer / Receiver reading

Correct Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain

Result (dBuV/m) = Reading (dBuV) + Correct Factor (dB/m)

Limit (dBuV/m) = Limit stated in standard

Margin (dB) = Result (dBuV/m)-Limit (dBuV/m)

Peak = Peak Reading

QP = Quasi-peak Reading

**1GHz-18GHz**

| No. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| xxx | xxxx | 78.01 | 55.30 | -22.71 | 74.00 | 18.70 | 100 | 50 | Horizontal | Peak |
| xxx | xxxx | 66.37 | 43.66 | -22.71 | 54.00 | 10.34 | 100 | 50 | Horizontal | AVG |

**Above 18GHz**

| **Suspected Data List** | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level for 1m [dBμV/m] | Level for 3m [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | Remark |
| xxx | xxxx | 54.49 | 42.38 | 32.84 | -12.11 | 74.00 | 41.16 | 100 | 211 | Horizontal | Peak |
| xxx | xxxx | 43.99 | 31.88 | 22.34 | -12.11 | 54.00 | 31.66 | 100 | 211 | Horizontal | AVG |

Frequency (MHz) = Emission frequency in MHz
Reading (dBuV/m) = Uncorrected Analyzer / Receiver reading
Factor (dB) = Antenna factor + Cable loss – Amplifier gain
Level for 1m (dBuV/m) = Reading (dBuV/m) + Factor (dB)
Level for 3m (dBuV/m) = Level for 1m (dBuV/m) + 20*log(1/3)
Limit (dBuV/m) = Limit stated in standard
Margin (dB) = Limit (dBuV/m) – Level (dBuV/m)
Polarity = Antenna polarization
Peak = Peak Reading
AVG = Average Reading

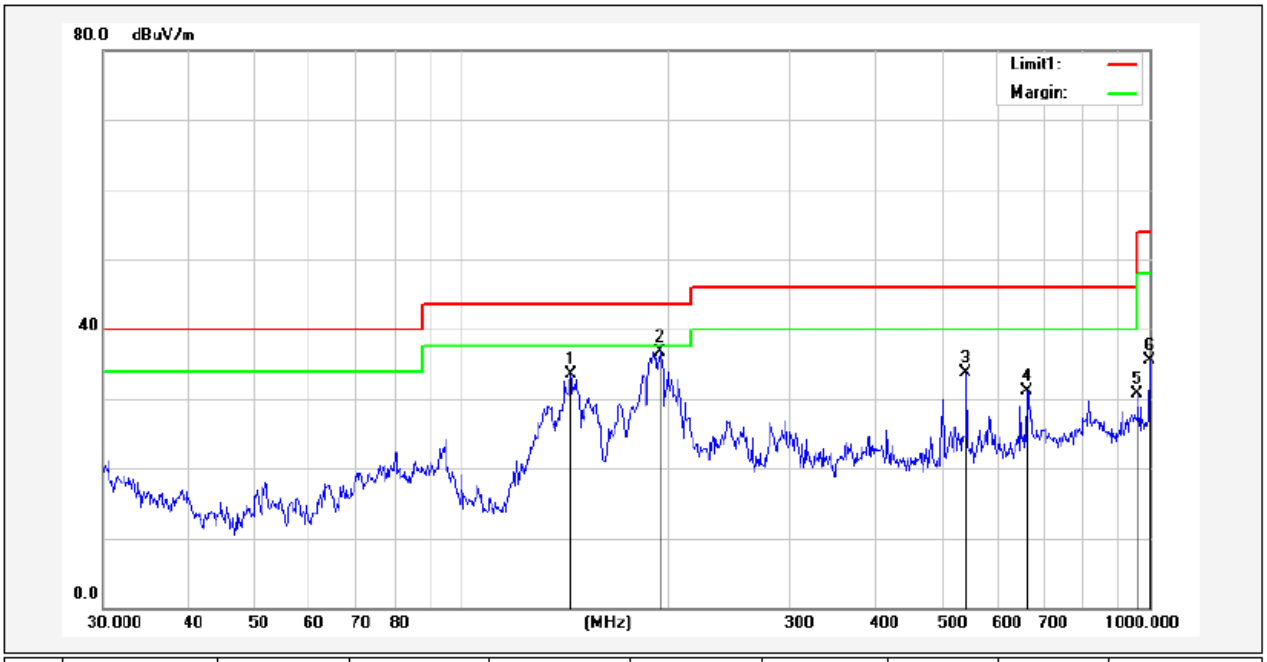
**——Blank space below this page——**

## 5.5 TEST RESULTS

**Below 1GHz**

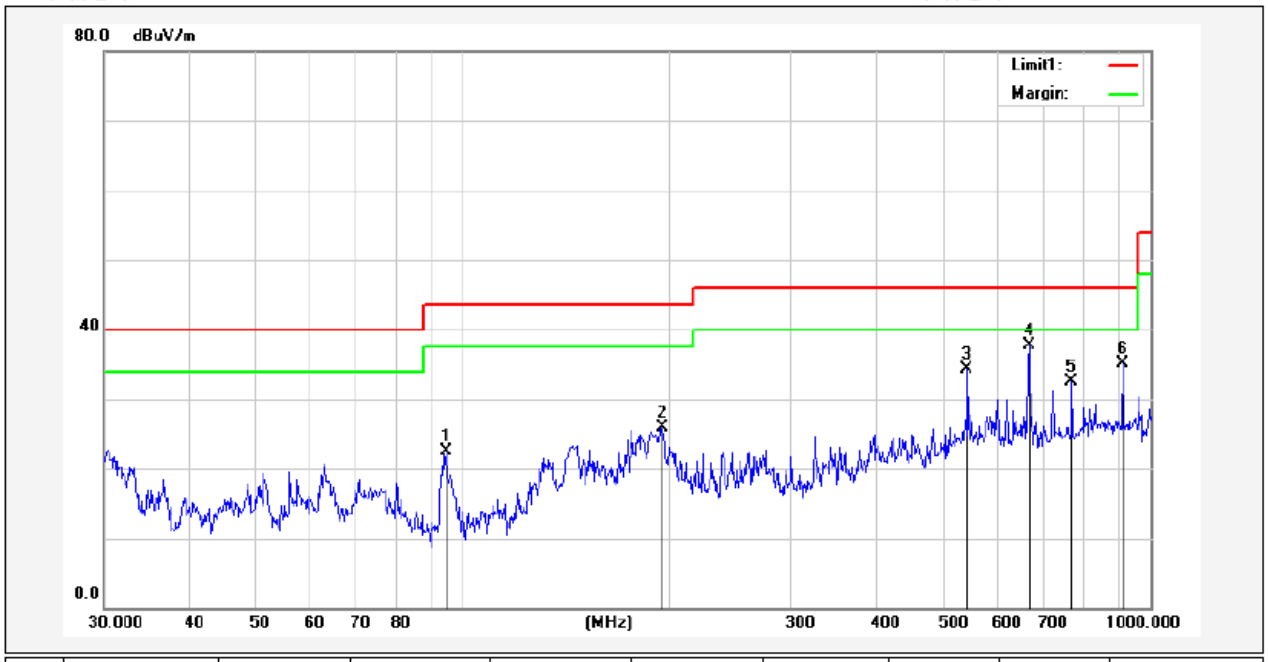
Note: Pre-scan all modes, only the worst case(IEEE 802.11a 5200MHz) is recorded in this report.

| | | | |
|---|---|---|---|
| EUT Name: | Bentley Infotainment System(BIS) | Test Mode: | Mode 1 |
| Model: | KR-BIS | Sample No: | E202309059135-01-0004 |
| Power supply: | DC 12V | Environmental Conditions: | 24.8℃/52%RH/101.0kPa |
| Test Engineer: | Zhang Zishan | Test Date: | 2024-05-06 |
| Frequency | IEEE 802.11a 5200MHz | Polarity: | Horizontal |




| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Detector type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 143.8291 | 61.35 | -27.77 | 33.58 | 43.50 | -9.92 | 49 | 200 | QP |
| 2* | 194.4533 | 67.02 | -30.28 | 36.74 | 43.50 | -6.76 | 357 | 100 | QP |
| 3 | 541.3721 | 54.01 | -20.36 | 33.65 | 46.00 | -12.35 | 200 | 100 | QP |
| 4 | 663.4728 | 49.48 | -18.34 | 31.14 | 46.00 | -14.86 | 154 | 200 | QP |
| 5 | 962.1621 | 45.26 | -14.60 | 30.66 | 54.00 | -23.34 | 156 | 100 | QP |
| 6 | 1000.0000 | 49.53 | -14.08 | 35.45 | 54.00 | -18.55 | 129 | 100 | QP |

| | | | |
|---|---|---|---|
| EUT Name: | Bentley Infotainment System(BIS) | Test Mode: | Mode 1 |
| Model: | KR-BIS | Sample No: | E202309059135-01-0004 |
| Power supply: | DC 12V | Environmental Conditions: | 24.8℃/52%RH/101.0kPa |
| Test Engineer: | Zhang Zishan | Test Date: | 2024-05-06 |
| Frequency | IEEE 802.11a 5200MHz | Polarity: | Vertical |




| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Detector type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 94.4282 | 54.41 | -31.87 | 22.54 | 43.50 | -20.96 | 158 | 100 | QP |
| 2 | 195.1365 | 56.24 | -30.32 | 25.92 | 43.50 | -17.58 | 113 | 200 | QP |
| 3 | 541.3721 | 54.70 | -20.36 | 34.34 | 46.00 | -11.66 | 120 | 100 | QP |
| 4* | 665.8034 | 55.95 | -18.31 | 37.64 | 46.00 | -8.36 | 198 | 100 | QP |
| 5 | 768.7481 | 49.37 | -16.79 | 32.58 | 46.00 | -13.42 | 157 | 200 | QP |
| 6 | 912.8620 | 50.31 | -15.22 | 35.09 | 46.00 | -10.91 | 215 | 100 | QP |

**Remark:**

1 No emission found between lowest internal used/generated frequency to 30MHz.

2 Radiated emissions measured in frequency range from 9kHz to 1GHz were made with an instrument using Quasi-peak detector mode.

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.

4 The IF bandwidth of Receiver between 30MHz to 1GHz was 120kHz.

5 If the margin of the pre test results is greater than 6db, it meets the requirements of quasipeak or average values, and final testing is no longcr required.

**1GHz-18GHz:**

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Mode: IEEE 802.11a
Lowest Frequency (5180MHz) Date: 2024-05-10
Environment: 24.3℃/56%RH/101.0kPa Voltage:DC 12V
Tested By:Zhang Zishan

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.2000 | 62.64 | 41.66 | -20.98 | 74.00 | 32.34 | 200 | 155 | Horizontal |
| 2 | 1198.5500 | 62.95 | 42.16 | -20.79 | 74.00 | 31.84 | 100 | 128 | Horizontal |
| 3 | 2831.5000 | 55.30 | 41.12 | -14.18 | 74.00 | 32.88 | 100 | 140 | Horizontal |
| 4 | 3985.4000 | 57.73 | 47.70 | -10.03 | 74.00 | 26.30 | 100 | 140 | Horizontal |
| 5 | 8127.2500 | 42.52 | 45.62 | 3.10 | 74.00 | 28.38 | 200 | 274 | Horizontal |
| 6 | 15436.6500 | 34.04 | 51.52 | 17.48 | 74.00 | 22.48 | 100 | 31 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15436.6500 | 17.48 | 27.06 | 44.54 | 54.00 | 9.46 | 100 | 31 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.3500 | 62.12 | 39.58 | -22.54 | 74.00 | 34.42 | 200 | 141 | Vertical |
| 2 | 1662.7500 | 59.06 | 38.52 | -20.54 | 74.00 | 35.48 | 100 | 172 | Vertical |
| 3 | 2657.1500 | 59.35 | 43.51 | -15.84 | 68.30 | 24.79 | 100 | 75 | Vertical |
| 4 | 3989.2500 | 55.39 | 44.88 | -10.51 | 74.00 | 29.12 | 100 | 116 | Vertical |
| 5 | 8291.7000 | 39.79 | 43.90 | 4.11 | 74.00 | 30.10 | 100 | 235 | Vertical |
| 6 | 12236.2000 | 36.65 | 50.85 | 14.20 | 74.00 | 23.15 | 100 | 166 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 12236.2000 | 14.20 | 26.15 | 40.35 | 54.00 | 13.65 | 100 | 166 | Vertical |

Mode: IEEE 802.11a
Middle Frequency (5200MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.9000 | 62.25 | 41.25 | -21.00 | 74.00 | 32.75 | 200 | 133 | Horizontal |
| 2 | 1599.5000 | 59.06 | 38.70 | -20.36 | 74.00 | 35.30 | 100 | 108 | Horizontal |
| 3 | 1660.0000 | 62.88 | 43.12 | -19.76 | 68.30 | 25.18 | 100 | 178 | Horizontal |
| 4 | 3992.5500 | 55.85 | 45.70 | -10.15 | 74.00 | 28.30 | 100 | 215 | Horizontal |
| 5 | 7424.6000 | 42.30 | 44.71 | 2.41 | 74.00 | 29.29 | 200 | 89 | Horizontal |
| 6 | 15885.1500 | 34.49 | 51.59 | 17.10 | 74.00 | 22.41 | 200 | 118 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15885.1500 | 17.10 | 27.84 | 44.94 | 54.00 | 9.06 | 200 | 118 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 63.92 | 41.34 | -22.58 | 74.00 | 32.66 | 200 | 151 | Vertical |
| 2 | 1663.3000 | 64.50 | 43.96 | -20.54 | 74.00 | 30.04 | 100 | 149 | Vertical |
| 3 | 2829.8500 | 58.58 | 44.21 | -14.37 | 74.00 | 29.79 | 100 | 28 | Vertical |
| 4 | 3987.6000 | 57.20 | 46.73 | -10.47 | 74.00 | 27.27 | 100 | 217 | Vertical |
| 5 | 7441.8500 | 41.33 | 43.60 | 2.27 | 74.00 | 30.40 | 200 | 291 | Vertical |
| 6 | 15955.3000 | 35.78 | 52.15 | 16.37 | 74.00 | 21.85 | 100 | 208 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15955.3000 | 16.37 | 26.84 | 43.21 | 54.00 | 10.79 | 100 | 208 | Vertical |

Mode: IEEE 802.11a
Highest Frequency (5240MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.7500 | 61.69 | 40.73 | -20.96 | 74.00 | 33.27 | 200 | 96 | Horizontal |
| 2 | 1665.5000 | 58.76 | 38.99 | -19.77 | 74.00 | 35.01 | 100 | 299 | Horizontal |
| 3 | 3999.7000 | 53.27 | 43.00 | -10.27 | 74.00 | 31.00 | 100 | 119 | Horizontal |
| 4 | 4835.1500 | 49.85 | 44.27 | -5.58 | 74.00 | 29.73 | 100 | 340 | Horizontal |
| 5 | 8162.9000 | 40.58 | 43.70 | 3.12 | 74.00 | 30.30 | 200 | 181 | Horizontal |
| 6 | 15536.7000 | 35.37 | 52.74 | 17.37 | 74.00 | 21.26 | 100 | 20 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15536.6800 | 17.37 | 27.84 | 45.21 | 54.00 | 8.79 | 100 | 20 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.9000 | 63.95 | 41.41 | -22.54 | 74.00 | 32.59 | 200 | 151 | Vertical |
| 2 | 1660.5500 | 60.84 | 40.32 | -20.52 | 74.00 | 33.68 | 200 | 342 | Vertical |
| 3 | 2824.9000 | 57.60 | 43.26 | -14.34 | 74.00 | 30.74 | 100 | 219 | Vertical |
| 4 | 3998.0500 | 58.58 | 47.85 | -10.73 | 74.00 | 26.15 | 100 | 232 | Vertical |
| 5 | 8465.3500 | 39.07 | 43.75 | 4.68 | 74.00 | 30.25 | 100 | 343 | Vertical |
| 6 | 15911.6000 | 36.11 | 51.39 | 15.28 | 74.00 | 22.61 | 200 | 292 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15911.6000 | 15.28 | 26.99 | 42.27 | 54.00 | 11.73 | 200 | 292 | Vertical |

Mode: IEEE 802.11a
Lowest Frequency (5745MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.8500 | 61.18 | 40.23 | -20.95 | 74.00 | 33.77 | 100 | 138 | Horizontal |
| 2 | 1663.3000 | 57.75 | 37.99 | -19.76 | 74.00 | 36.01 | 100 | 192 | Horizontal |
| 3 | 2394.2500 | 59.96 | 43.45 | -16.51 | 68.30 | 24.85 | 100 | 123 | Horizontal |
| 4 | 3995.8500 | 57.77 | 47.56 | -10.21 | 74.00 | 26.44 | 100 | 123 | Horizontal |
| 5 | 8124.9500 | 40.59 | 43.70 | 3.11 | 74.00 | 30.30 | 200 | 359 | Horizontal |
| 6 | 15658.6000 | 35.29 | 52.64 | 17.35 | 74.00 | 21.36 | 200 | 21 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15658.6010 | 17.35 | 27.14 | 44.49 | 54.00 | 9.51 | 200 | 359 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.2000 | 63.73 | 41.16 | -22.57 | 74.00 | 32.84 | 200 | 166 | Vertical |
| 2 | 1663.8500 | 60.91 | 40.36 | -20.55 | 74.00 | 33.64 | 200 | 177 | Vertical |
| 3 | 2828.2000 | 58.86 | 44.50 | -14.36 | 74.00 | 29.50 | 100 | 30 | Vertical |
| 4 | 3990.9000 | 57.81 | 47.25 | -10.56 | 74.00 | 26.75 | 100 | 150 | Vertical |
| 5 | 8110.0000 | 41.29 | 44.34 | 3.05 | 74.00 | 29.66 | 100 | 143 | Vertical |
| 6 | 16031.2000 | 36.04 | 52.16 | 16.12 | 74.00 | 21.84 | 100 | 262 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16031.1800 | 16.12 | 27.55 | 43.67 | 54.00 | 10.33 | 100 | 262 | Vertical |

Mode: IEEE 802.11a
Middle Frequency (5785MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.6500 | 61.20 | 40.22 | -20.98 | 74.00 | 33.78 | 200 | 97 | Horizontal |
| 2 | 1664.4000 | 58.56 | 38.79 | -19.77 | 74.00 | 35.21 | 100 | 326 | Horizontal |
| 3 | 3990.9000 | 56.62 | 46.49 | -10.13 | 74.00 | 27.51 | 100 | 125 | Horizontal |
| 4 | 4974.3000 | 49.26 | 44.84 | -4.42 | 74.00 | 29.16 | 100 | 57 | Horizontal |
| 5 | 8060.5500 | 41.49 | 44.71 | 3.22 | 74.00 | 29.29 | 200 | 113 | Horizontal |
| 6 | 15683.9000 | 34.99 | 52.35 | 17.36 | 74.00 | 21.65 | 100 | 140 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15683.9000 | 17.36 | 27.01 | 44.37 | 54.00 | 9.63 | 100 | 140 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.6500 | 63.59 | 41.02 | -22.57 | 74.00 | 32.98 | 200 | 151 | Vertical |
| 2 | 1660.0000 | 62.90 | 42.38 | -20.52 | 68.30 | 25.92 | 100 | 165 | Vertical |
| 3 | 3995.8500 | 55.29 | 44.61 | -10.68 | 74.00 | 29.39 | 100 | 340 | Vertical |
| 4 | 5086.5000 | 48.71 | 45.32 | -3.39 | 74.00 | 28.68 | 200 | 151 | Vertical |
| 5 | 8020.3000 | 41.56 | 45.07 | 3.51 | 68.30 | 23.23 | 100 | 356 | Vertical |
| 6 | 16023.1500 | 36.59 | 52.61 | 16.02 | 74.00 | 21.39 | 100 | 303 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16023.1410 | 16.02 | 26.87 | 42.89 | 54.00 | 11.11 | 100 | 303 | Vertical |

Mode: IEEE 802.11a
Highest Frequency (5825MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 63.20 | 42.20 | -21.00 | 74.00 | 31.80 | 100 | 138 | Horizontal |
| 2 | 3999.7000 | 56.45 | 46.18 | -10.27 | 74.00 | 27.82 | 100 | 125 | Horizontal |
| 3 | 4845.0500 | 49.63 | 44.21 | -5.42 | 74.00 | 29.79 | 200 | 111 | Horizontal |
| 4 | 7434.9500 | 43.07 | 45.35 | 2.28 | 74.00 | 28.65 | 100 | 20 | Horizontal |
| 5 | 8466.5000 | 40.50 | 45.11 | 4.61 | 74.00 | 28.89 | 100 | 60 | Horizontal |
| 6 | 17887.3000 | 29.50 | 52.01 | 22.51 | 74.00 | 21.99 | 200 | 313 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17887.2140 | 22.51 | 27.35 | 49.86 | 54.00 | 4.14 | 200 | 313 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1095.7000 | 64.39 | 41.89 | -22.50 | 74.00 | 32.11 | 200 | 153 | Vertical |
| 2 | 1660.5500 | 61.54 | 41.02 | -20.52 | 74.00 | 32.98 | 200 | 314 | Vertical |
| 3 | 2819.9500 | 58.08 | 43.77 | -14.31 | 74.00 | 30.23 | 100 | 218 | Vertical |
| 4 | 3985.4000 | 57.47 | 47.06 | -10.41 | 74.00 | 26.94 | 100 | 231 | Vertical |
| 5 | 9357.7500 | 39.65 | 47.29 | 7.64 | 74.00 | 26.71 | 100 | 209 | Vertical |
| 6 | 15535.5500 | 36.11 | 52.65 | 16.54 | 74.00 | 21.35 | 100 | 49 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15535.5400 | 16.54 | 26.81 | 43.35 | 54.00 | 10.65 | 100 | 49 | Vertical |

Mode: IEEE 802.11n HT20
Lowest Frequency (5180MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.7500 | 61.60 | 40.64 | -20.96 | 74.00 | 33.36 | 100 | 134 | Horizontal |
| 2 | 1664.9500 | 60.14 | 40.37 | -19.77 | 74.00 | 33.63 | 100 | 120 | Horizontal |
| 3 | 3987.0500 | 54.14 | 44.08 | -10.06 | 74.00 | 29.92 | 100 | 120 | Horizontal |
| 4 | 7434.9500 | 41.74 | 44.02 | 2.28 | 74.00 | 29.98 | 200 | 200 | Horizontal |
| 5 | 8327.3500 | 40.21 | 43.89 | 3.68 | 74.00 | 30.11 | 200 | 132 | Horizontal |
| 6 | 17967.8000 | 29.56 | 52.67 | 23.11 | 74.00 | 21.33 | 100 | 128 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17967.8000 | 23.11 | 24.92 | 48.03 | 54.00 | 5.97 | 100 | 128 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.0000 | 62.51 | 39.94 | -22.57 | 74.00 | 34.06 | 100 | 84 | Vertical |
| 2 | 1570.9000 | 56.35 | 36.65 | -19.70 | 74.00 | 37.35 | 200 | 0 | Vertical |
| 3 | 3983.7500 | 59.34 | 48.96 | -10.38 | 74.00 | 25.04 | 100 | 245 | Vertical |
| 4 | 7167.0000 | 47.49 | 48.91 | 1.42 | 68.30 | 19.39 | 100 | 89 | Vertical |
| 5 | 7397.0000 | 41.19 | 44.36 | 3.17 | 74.00 | 29.64 | 200 | 276 | Vertical |
| 6 | 15967.9500 | 35.92 | 52.10 | 16.18 | 74.00 | 21.90 | 200 | 102 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15967.9400 | 16.18 | 27.81 | 43.99 | 54.00 | 10.01 | 200 | 102 | Vertical |

Mode: IEEE 802.11n HT20
Middle Frequency (5200 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.9000 | 61.52 | 40.52 | -21.00 | 74.00 | 33.48 | 100 | 139 | Horizontal |
| 2 | 1493.3500 | 55.77 | 35.42 | -20.35 | 74.00 | 38.58 | 100 | 178 | Horizontal |
| 3 | 2658.2500 | 58.34 | 42.58 | -15.76 | 68.30 | 25.72 | 100 | 125 | Horizontal |
| 4 | 3992.5500 | 53.19 | 43.04 | -10.15 | 74.00 | 30.96 | 100 | 18 | Horizontal |
| 5 | 8152.5500 | 41.21 | 44.27 | 3.06 | 74.00 | 29.73 | 200 | 329 | Horizontal |
| 6 | 15664.3500 | 35.89 | 53.24 | 17.35 | 74.00 | 20.76 | 100 | 155 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15664.3100 | 17.35 | 26.17 | 43.52 | 54.00 | 10.48 | 100 | 155 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 63.66 | 41.07 | -22.59 | 74.00 | 32.93 | 200 | 164 | Vertical |
| 2 | 2356.3000 | 54.67 | 38.07 | -16.60 | 74.00 | 35.93 | 100 | 85 | Vertical |
| 3 | 3986.5000 | 59.04 | 48.60 | -10.44 | 74.00 | 25.40 | 100 | 246 | Vertical |
| 4 | 7430.3500 | 42.43 | 44.97 | 2.54 | 74.00 | 29.03 | 200 | 181 | Vertical |
| 5 | 8282.5000 | 40.33 | 44.33 | 4.00 | 74.00 | 29.67 | 200 | 128 | Vertical |
| 6 | 17820.6000 | 31.44 | 52.44 | 21.00 | 74.00 | 21.56 | 100 | 248 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17820.5100 | 21.00 | 26.96 | 47.96 | 54.00 | 6.04 | 100 | 248 | Vertical |

Mode: IEEE 802.11n HT20
Highest Frequency (5240MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.2000 | 61.96 | 40.98 | -20.98 | 74.00 | 33.02 | 100 | 139 | Horizontal |
| 2 | 2826.0000 | 55.65 | 41.50 | -14.15 | 74.00 | 32.50 | 100 | 44 | Horizontal |
| 3 | 4862.1000 | 49.76 | 44.43 | -5.33 | 74.00 | 29.57 | 200 | 83 | Horizontal |
| 4 | 7502.8000 | 43.17 | 44.87 | 1.70 | 74.00 | 29.13 | 100 | 304 | Horizontal |
| 5 | 8472.2500 | 40.57 | 45.12 | 4.55 | 74.00 | 28.88 | 200 | 194 | Horizontal |
| 6 | 15911.6000 | 35.33 | 52.50 | 17.17 | 74.00 | 21.50 | 200 | 194 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15911.1700 | 17.17 | 27.03 | 44.20 | 54.00 | 9.80 | 200 | 194 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 63.60 | 41.01 | -22.59 | 74.00 | 32.99 | 200 | 150 | Vertical |
| 2 | 1473.0000 | 58.42 | 38.67 | -19.75 | 74.00 | 35.33 | 200 | 165 | Vertical |
| 3 | 2821.6000 | 55.97 | 41.66 | -14.31 | 74.00 | 32.34 | 100 | 31 | Vertical |
| 4 | 3997.5000 | 57.69 | 46.97 | -10.72 | 74.00 | 27.03 | 100 | 152 | Vertical |
| 5 | 8279.0500 | 40.26 | 44.21 | 3.95 | 74.00 | 29.79 | 100 | 46 | Vertical |
| 6 | 17852.8000 | 30.86 | 53.16 | 22.30 | 74.00 | 20.84 | 200 | 248 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17852.4700 | 22.30 | 26.82 | 49.12 | 54.00 | 4.88 | 200 | 248 | Vertical |

Mode: IEEE 802.11n HT20
Lowest Frequency (5745MHz) Date: 2024-05-10
Environment: 24.3℃/56%RH/101.0kPa Voltage:DC 12V
Tested By:Zhang Zishan

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 61.69 | 40.69 | -21.00 | 74.00 | 33.31 | 100 | 135 | Horizontal |
| 2 | 1662.2000 | 58.02 | 38.25 | -19.77 | 74.00 | 35.75 | 200 | 111 | Horizontal |
| 3 | 3991.4500 | 56.20 | 46.06 | -10.14 | 74.00 | 27.94 | 100 | 109 | Horizontal |
| 4 | 7437.2500 | 41.89 | 44.14 | 2.25 | 74.00 | 29.86 | 200 | 170 | Horizontal |
| 5 | 8047.9000 | 40.73 | 43.96 | 3.23 | 74.00 | 30.04 | 100 | 141 | Horizontal |
| 6 | 17782.6500 | 32.73 | 53.13 | 20.40 | 74.00 | 20.87 | 200 | 210 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17782.6300 | 20.40 | 27.04 | 47.44 | 54.00 | 6.56 | 200 | 210 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1096.8000 | 63.23 | 40.71 | -22.52 | 74.00 | 33.29 | 200 | 151 | Vertical |
| 2 | 1165.5500 | 58.62 | 37.32 | -21.30 | 74.00 | 36.68 | 100 | 110 | Vertical |
| 3 | 2821.0500 | 56.27 | 41.95 | -14.32 | 74.00 | 32.05 | 100 | 219 | Vertical |
| 4 | 7400.4500 | 41.65 | 44.87 | 3.22 | 74.00 | 29.13 | 200 | 262 | Vertical |
| 5 | 8121.5000 | 41.46 | 44.48 | 3.02 | 74.00 | 29.52 | 200 | 195 | Vertical |
| 6 | 15749.4500 | 36.72 | 52.83 | 16.11 | 74.00 | 21.17 | 100 | 292 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15749.4300 | 16.11 | 27.06 | 43.17 | 54.00 | 10.83 | 100 | 292 | Vertical |

Mode: IEEE 802.11n HT20
Middle Frequency (5785 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.3000 | 63.67 | 42.71 | -20.96 | 74.00 | 31.29 | 200 | 123 | Horizontal |
| 2 | 2829.8500 | 56.02 | 41.85 | -14.17 | 74.00 | 32.15 | 100 | 150 | Horizontal |
| 3 | 3984.3000 | 54.05 | 44.03 | -10.02 | 74.00 | 29.97 | 100 | 123 | Horizontal |
| 4 | 7448.7500 | 42.41 | 44.51 | 2.10 | 74.00 | 29.49 | 100 | 329 | Horizontal |
| 5 | 8145.6500 | 40.76 | 43.82 | 3.06 | 74.00 | 30.18 | 100 | 20 | Horizontal |
| 6 | 15700.0000 | 35.39 | 52.76 | 17.37 | 74.00 | 21.24 | 200 | 250 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15700.0200 | 17.38 | 27.15 | 44.53 | 54.00 | 9.47 | 200 | 100 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.0000 | 64.81 | 42.24 | -22.57 | 74.00 | 31.76 | 200 | 153 | Vertical |
| 2 | 2824.3500 | 56.70 | 42.37 | -14.33 | 74.00 | 31.63 | 100 | 21 | Vertical |
| 3 | 3982.6500 | 58.72 | 48.37 | -10.35 | 74.00 | 25.63 | 100 | 234 | Vertical |
| 4 | 7399.3000 | 41.33 | 44.55 | 3.22 | 74.00 | 29.45 | 100 | 47 | Vertical |
| 5 | 8066.3000 | 41.02 | 44.20 | 3.18 | 74.00 | 29.80 | 100 | 143 | Vertical |
| 6 | 17674.5500 | 31.91 | 52.69 | 20.78 | 68.30 | 15.61 | 100 | 306 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17674.5300 | 20.78 | 27.11 | 47.89 | 54.00 | 6.11 | 100 | 306 | Vertical |

Mode: IEEE 802.11n HT20
Highest Frequency (5825MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.6500 | 63.57 | 42.59 | -20.98 | 74.00 | 31.41 | 200 | 137 | Horizontal |
| 2 | 2824.3500 | 53.85 | 39.72 | -14.13 | 74.00 | 34.28 | 100 | 340 | Horizontal |
| 3 | 4857.7000 | 49.43 | 44.10 | -5.33 | 74.00 | 29.90 | 100 | 177 | Horizontal |
| 4 | 7296.9500 | 42.53 | 44.45 | 1.92 | 74.00 | 29.55 | 200 | 222 | Horizontal |
| 5 | 8138.7500 | 42.00 | 45.08 | 3.08 | 74.00 | 28.92 | 200 | 60 | Horizontal |
| 6 | 17952.8500 | 29.70 | 53.22 | 23.52 | 74.00 | 20.78 | 100 | 222 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17952.8300 | 23.52 | 27.25 | 50.77 | 54.00 | 3.23 | 100 | 222 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.6500 | 63.45 | 40.88 | -22.57 | 74.00 | 33.12 | 100 | 97 | Vertical |
| 2 | 2832.6000 | 58.89 | 44.50 | -14.39 | 74.00 | 29.50 | 100 | 28 | Vertical |
| 3 | 3989.2500 | 55.99 | 45.48 | -10.51 | 74.00 | 28.52 | 100 | 137 | Vertical |
| 4 | 7339.5000 | 42.22 | 44.33 | 2.11 | 74.00 | 29.67 | 100 | 307 | Vertical |
| 5 | 8119.2000 | 41.27 | 44.29 | 3.02 | 74.00 | 29.71 | 200 | 129 | Vertical |
| 6 | 17657.3000 | 32.21 | 53.01 | 20.80 | 68.30 | 15.29 | 200 | 76 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17657.2500 | 20.80 | 27.22 | 48.02 | 53.99 | 5.97 | 200 | 76 | Vertical |

Mode: IEEE 802.11n HT40
Lowest Frequency (5190MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 63.07 | 42.08 | -20.99 | 74.00 | 31.92 | 100 | 305 | Horizontal |
| 2 | 2331.5500 | 56.78 | 40.35 | -16.43 | 74.00 | 33.65 | 100 | 305 | Horizontal |
| 3 | 4643.7500 | 55.56 | 48.02 | -7.54 | 74.00 | 25.98 | 200 | 305 | Horizontal |
| 4 | 7405.0500 | 41.56 | 44.22 | 2.66 | 74.00 | 29.78 | 200 | 271 | Horizontal |
| 5 | 8096.2000 | 40.85 | 44.02 | 3.17 | 74.00 | 29.98 | 100 | 110 | Horizontal |
| 6 | 17944.8000 | 29.61 | 53.13 | 23.52 | 74.00 | 20.87 | 200 | 217 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17944.7140 | 23.52 | 27.06 | 50.58 | 54.00 | 3.42 | 200 | 217 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1094.6000 | 63.71 | 41.23 | -22.48 | 74.00 | 32.77 | 200 | 62 | Vertical |
| 2 | 1198.0000 | 62.70 | 41.88 | -20.82 | 74.00 | 32.12 | 200 | 196 | Vertical |
| 3 | 2830.4000 | 60.18 | 45.80 | -14.38 | 74.00 | 28.20 | 100 | 48 | Vertical |
| 4 | 3999.1500 | 55.21 | 44.45 | -10.76 | 74.00 | 29.55 | 100 | 253 | Vertical |
| 5 | 7398.1500 | 41.45 | 44.64 | 3.19 | 74.00 | 29.36 | 200 | 56 | Vertical |
| 6 | 16061.1000 | 36.77 | 53.03 | 16.26 | 74.00 | 20.97 | 200 | 0 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16061.0200 | 16.26 | 26.97 | 43.23 | 54.00 | 10.77 | 200 | 0 | Vertical |

Mode: IEEE 802.11n HT40
Middle Frequency (5230 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.9000 | 61.52 | 40.52 | -21.00 | 74.00 | 33.48 | 100 | 317 | Horizontal |
| 2 | 2790.2500 | 63.71 | 49.47 | -14.24 | 74.00 | 24.53 | 200 | 209 | Horizontal |
| 3 | 4000.2500 | 53.82 | 43.54 | -10.28 | 74.00 | 30.46 | 100 | 129 | Horizontal |
| 4 | 7438.4000 | 41.60 | 43.83 | 2.23 | 74.00 | 30.17 | 200 | 27 | Horizontal |
| 5 | 8105.4000 | 41.11 | 44.27 | 3.16 | 74.00 | 29.73 | 200 | 27 | Horizontal |
| 6 | 17806.8000 | 32.24 | 53.12 | 20.88 | 74.00 | 20.88 | 100 | 137 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17806.7400 | 20.88 | 27.18 | 48.06 | 54.00 | 5.94 | 100 | 137 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1103.4000 | 61.80 | 39.28 | -22.52 | 74.00 | 34.72 | 100 | 315 | Vertical |
| 2 | 2830.9500 | 56.62 | 42.24 | -14.38 | 74.00 | 31.76 | 100 | 100 | Vertical |
| 3 | 3988.7000 | 60.04 | 49.54 | -10.50 | 74.00 | 24.46 | 100 | 249 | Vertical |
| 4 | 7400.4500 | 40.87 | 44.09 | 3.22 | 74.00 | 29.91 | 100 | 341 | Vertical |
| 5 | 8300.9000 | 39.30 | 43.50 | 4.20 | 74.00 | 30.50 | 100 | 178 | Vertical |
| 6 | 15747.1500 | 36.89 | 52.99 | 16.10 | 74.00 | 21.01 | 200 | 341 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15747.1300 | 16.10 | 27.10 | 43.20 | 54.00 | 10.80 | 200 | 341 | Vertical |

Mode: I EEE 802.11n HT40
Highest Frequency (5755MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.0000 | 61.62 | 40.63 | -20.99 | 74.00 | 33.37 | 200 | 332 | Horizontal |
| 2 | 1599.5000 | 56.97 | 36.61 | -20.36 | 74.00 | 37.39 | 100 | 141 | Horizontal |
| 3 | 2822.7000 | 54.46 | 40.33 | -14.13 | 74.00 | 33.67 | 100 | 289 | Horizontal |
| 4 | 3984.3000 | 55.57 | 45.55 | -10.02 | 74.00 | 28.45 | 100 | 128 | Horizontal |
| 5 | 7426.9000 | 41.68 | 44.06 | 2.38 | 74.00 | 29.94 | 200 | 40 | Horizontal |
| 6 | 15694.2500 | 35.28 | 52.64 | 17.36 | 74.00 | 21.36 | 200 | 258 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15694.2500 | 17.36 | 28.06 | 45.42 | 54.00 | 8.58 | 200 | 258 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.9000 | 62.72 | 40.18 | -22.54 | 74.00 | 33.82 | 200 | 315 | Vertical |
| 2 | 1473.0000 | 55.69 | 35.94 | -19.75 | 74.00 | 38.06 | 200 | 330 | Vertical |
| 3 | 2830.4000 | 57.56 | 43.18 | -14.38 | 74.00 | 30.82 | 100 | 194 | Vertical |
| 4 | 3995.3000 | 57.86 | 47.20 | -10.66 | 74.00 | 26.80 | 100 | 235 | Vertical |
| 5 | 7392.4000 | 40.99 | 44.06 | 3.07 | 74.00 | 29.94 | 200 | 341 | Vertical |
| 6 | 16041.5500 | 36.76 | 53.02 | 16.26 | 74.00 | 20.98 | 200 | 98 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16041.5200 | 16.26 | 27.54 | 43.80 | 54.00 | 10.20 | 200 | 98 | Vertical |

Mode: I EEE 802.11n HT40
Lowest Frequency (5795MHz) Date: 2024-05-10
Environment: 24.3℃/56%RH/101.0kPa Voltage:DC 12V
Tested By:Zhang Zishan

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 61.53 | 40.53 | -21.00 | 74.00 | 33.47 | 100 | 317 | Horizontal |
| 2 | 1457.6000 | 54.59 | 34.80 | -19.79 | 74.00 | 39.20 | 100 | 360 | Horizontal |
| 3 | 3987.6000 | 55.22 | 45.15 | -10.07 | 74.00 | 28.85 | 100 | 128 | Horizontal |
| 4 | 4859.9000 | 49.85 | 44.52 | -5.33 | 74.00 | 29.48 | 100 | 19 | Horizontal |
| 5 | 7437.2500 | 41.74 | 43.99 | 2.25 | 74.00 | 30.01 | 200 | 312 | Horizontal |
| 6 | 16103.6500 | 35.36 | 53.09 | 17.73 | 74.00 | 20.91 | 100 | 85 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16103.6000 | 17.73 | 27.36 | 45.09 | 54.00 | 8.91 | 100 | 85 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.3000 | 62.38 | 39.84 | -22.54 | 74.00 | 34.16 | 100 | 316 | Vertical |
| 2 | 2826.5500 | 59.42 | 45.07 | -14.35 | 74.00 | 28.93 | 100 | 237 | Vertical |
| 3 | 3989.2500 | 58.37 | 47.86 | -10.51 | 74.00 | 26.14 | 100 | 250 | Vertical |
| 4 | 4984.2000 | 48.98 | 44.44 | -4.54 | 74.00 | 29.56 | 200 | 317 | Vertical |
| 5 | 7407.3500 | 40.68 | 43.74 | 3.06 | 74.00 | 30.26 | 200 | 114 | Vertical |
| 6 | 15718.4000 | 36.97 | 52.93 | 15.96 | 74.00 | 21.07 | 200 | 167 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15718.3400 | 15.96 | 27.55 | 43.51 | 54.00 | 10.49 | 200 | 167 | Vertical |

Mode: IEEE 802.11ac VHT20
Middle Frequency (5180 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1096.8000 | 61.26 | 40.26 | -21.00 | 74.00 | 33.74 | 200 | 318 | Horizontal |
| 2 | 1600.0500 | 60.32 | 39.96 | -20.36 | 74.00 | 34.04 | 100 | 129 | Horizontal |
| 3 | 2824.9000 | 54.62 | 40.48 | -14.14 | 74.00 | 33.52 | 200 | 86 | Horizontal |
| 4 | 4577.7500 | 53.74 | 46.15 | -7.59 | 74.00 | 27.85 | 100 | 236 | Horizontal |
| 5 | 8139.9000 | 40.91 | 43.98 | 3.07 | 74.00 | 30.02 | 100 | 139 | Horizontal |
| 6 | 15519.4500 | 35.40 | 52.93 | 17.53 | 74.00 | 21.07 | 200 | 0 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBµV/m] | AV Value [dBµV/m] | AV Limit [dBµV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15519.4400 | 17.53 | 27.68 | 45.21 | 54.00 | 8.79 | 200 | 0 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1098.4500 | 61.58 | 39.02 | -22.56 | 74.00 | 34.98 | 200 | 304 | Vertical |
| 2 | 1162.2500 | 59.20 | 37.86 | -21.34 | 74.00 | 36.14 | 200 | 208 | Vertical |
| 3 | 2827.6500 | 58.52 | 44.16 | -14.36 | 74.00 | 29.84 | 100 | 46 | Vertical |
| 4 | 7402.7500 | 40.90 | 44.06 | 3.16 | 74.00 | 29.94 | 200 | 232 | Vertical |
| 5 | 8173.2500 | 40.86 | 44.08 | 3.22 | 74.00 | 29.92 | 100 | 165 | Vertical |
| 6 | 15530.9500 | 36.01 | 52.61 | 16.60 | 74.00 | 21.39 | 200 | 69 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBµV/m] | AV Value [dBµV/m] | AV Limit [dBµV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15530.9400 | 16.60 | 27.39 | 43.99 | 54.00 | 10.01 | 200 | 69 | Vertical |

Mode: IEEE 802.11ac VHT20
Highest Frequency (5200MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.8500 | 61.13 | 40.18 | -20.95 | 74.00 | 33.82 | 100 | 317 | Horizontal |
| 2 | 1494.4500 | 55.90 | 35.53 | -20.37 | 74.00 | 38.47 | 100 | 360 | Horizontal |
| 3 | 2829.3000 | 53.51 | 39.35 | -14.16 | 74.00 | 34.65 | 100 | 86 | Horizontal |
| 4 | 4862.1000 | 50.26 | 44.93 | -5.33 | 74.00 | 29.07 | 200 | 142 | Horizontal |
| 5 | 7540.7500 | 41.43 | 43.35 | 1.92 | 74.00 | 30.65 | 100 | 28 | Horizontal |
| 6 | 15415.9500 | 35.32 | 52.89 | 17.57 | 74.00 | 21.11 | 200 | 151 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15415.9100 | 17.57 | 27.06 | 44.63 | 54.00 | 9.37 | 200 | 151 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 62.41 | 39.82 | -22.59 | 74.00 | 34.18 | 200 | 316 | Vertical |
| 2 | 2827.1000 | 56.34 | 41.99 | -14.35 | 74.00 | 32.01 | 100 | 19 | Vertical |
| 3 | 3982.1000 | 58.82 | 48.48 | -10.34 | 74.00 | 25.52 | 100 | 248 | Vertical |
| 4 | 7397.0000 | 41.21 | 44.38 | 3.17 | 74.00 | 29.62 | 200 | 286 | Vertical |
| 5 | 8272.1500 | 39.74 | 43.61 | 3.87 | 74.00 | 30.39 | 200 | 272 | Vertical |
| 6 | 16064.5500 | 36.78 | 53.00 | 16.22 | 74.00 | 21.00 | 100 | 273 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16064.5300 | 16.22 | 28.07 | 44.29 | 54.00 | 9.71 | 100 | 273 | Vertical |

Mode: IEEE 802.11ac VHT20
Middle Frequency (5240 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1103.9500 | 61.74 | 40.81 | -20.93 | 74.00 | 33.19 | 200 | 331 | Horizontal |
| 2 | 1456.5000 | 53.86 | 34.09 | -19.77 | 74.00 | 39.91 | 100 | 19 | Horizontal |
| 3 | 3992.5500 | 53.58 | 43.43 | -10.15 | 74.00 | 30.57 | 100 | 118 | Horizontal |
| 4 | 7436.1000 | 41.33 | 43.59 | 2.26 | 74.00 | 30.41 | 100 | 95 | Horizontal |
| 5 | 8195.1000 | 39.96 | 43.27 | 3.31 | 74.00 | 30.73 | 100 | 180 | Horizontal |
| 6 | 17940.2000 | 30.49 | 53.95 | 23.46 | 74.00 | 20.05 | 200 | 97 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 17940.1000 | 23.46 | 26.98 | 50.44 | 54.00 | 3.56 | 200 | 97 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 62.26 | 39.67 | -22.59 | 74.00 | 34.33 | 200 | 331 | Vertical |
| 2 | 1596.2000 | 58.35 | 38.43 | -19.92 | 74.00 | 35.57 | 200 | 49 | Vertical |
| 3 | 2826.5500 | 55.59 | 41.24 | -14.35 | 74.00 | 32.76 | 100 | 62 | Vertical |
| 4 | 3984.3000 | 57.76 | 47.37 | -10.39 | 74.00 | 26.63 | 100 | 156 | Vertical |
| 5 | 7406.2000 | 41.27 | 44.36 | 3.09 | 74.00 | 29.64 | 100 | 340 | Vertical |
| 6 | 15769.0000 | 37.21 | 53.11 | 15.90 | 74.00 | 20.89 | 200 | 112 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15769.0200 | 15.88 | 26.99 | 42.87 | 54.00 | 11.13 | 200 | 19 | Vertical |

Mode: IEEE 802.11ac VHT20
Highest Frequency (5745MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.6500 | 61.49 | 40.51 | -20.98 | 74.00 | 33.49 | 200 | 326 | Horizontal |
| 2 | 1663.3000 | 57.51 | 37.75 | -19.76 | 74.00 | 36.25 | 100 | 117 | Horizontal |
| 3 | 2829.3000 | 54.31 | 40.15 | -14.16 | 74.00 | 33.85 | 100 | 157 | Horizontal |
| 4 | 4861.0000 | 49.47 | 44.14 | -5.33 | 74.00 | 29.86 | 100 | 223 | Horizontal |
| 5 | 8105.4000 | 40.80 | 43.96 | 3.16 | 74.00 | 30.04 | 200 | 151 | Horizontal |
| 6 | 15678.1500 | 35.78 | 53.13 | 17.35 | 74.00 | 20.87 | 200 | 178 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15678.1100 | 17.35 | 27.51 | 44.86 | 54.00 | 9.14 | 200 | 178 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.3500 | 62.02 | 39.48 | -22.54 | 74.00 | 34.52 | 200 | 48 | Vertical |
| 2 | 1570.9000 | 55.87 | 36.17 | -19.70 | 74.00 | 37.83 | 100 | 169 | Vertical |
| 3 | 2822.7000 | 58.02 | 43.69 | -14.33 | 74.00 | 30.31 | 100 | 224 | Vertical |
| 4 | 7439.5500 | 41.30 | 43.62 | 2.32 | 74.00 | 30.38 | 200 | 57 | Vertical |
| 5 | 8305.5000 | 40.21 | 44.32 | 4.11 | 74.00 | 29.68 | 200 | 341 | Vertical |
| 6 | 16110.5500 | 37.23 | 53.02 | 15.79 | 74.00 | 20.98 | 100 | 70 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16110.5300 | 15.79 | 28.06 | 43.85 | 54.00 | 10.15 | 100 | 70 | Vertical |

Mode: IEEE 802.11ac VHT20
Middle Frequency (5785 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.0000 | 61.51 | 40.52 | -20.99 | 74.00 | 33.48 | 200 | 316 | Horizontal |
| 2 | 1599.5000 | 59.05 | 38.69 | -20.36 | 74.00 | 35.31 | 100 | 130 | Horizontal |
| 3 | 2823.2500 | 54.07 | 39.94 | -14.13 | 74.00 | 34.06 | 100 | 90 | Horizontal |
| 4 | 4946.2500 | 50.17 | 45.37 | -4.80 | 74.00 | 28.63 | 200 | 75 | Horizontal |
| 5 | 7429.2000 | 42.29 | 44.64 | 2.35 | 74.00 | 29.36 | 200 | 231 | Horizontal |
| 6 | 16002.4500 | 35.13 | 52.67 | 17.54 | 74.00 | 21.33 | 200 | 70 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16002.4500 | 17.54 | 27.06 | 44.60 | 54.00 | 9.40 | 200 | 70 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1103.4000 | 63.29 | 40.77 | -22.52 | 74.00 | 33.23 | 200 | 315 | Vertical |
| 2 | 1472.4500 | 58.06 | 38.30 | -19.76 | 74.00 | 35.70 | 200 | 18 | Vertical |
| 3 | 2826.0000 | 57.50 | 43.15 | -14.35 | 74.00 | 30.85 | 100 | 100 | Vertical |
| 4 | 7410.8000 | 41.00 | 43.98 | 2.98 | 74.00 | 30.02 | 200 | 165 | Vertical |
| 5 | 8185.9000 | 40.78 | 44.15 | 3.37 | 74.00 | 29.85 | 100 | 118 | Vertical |
| 6 | 15713.8000 | 36.65 | 52.58 | 15.93 | 74.00 | 21.42 | 100 | 327 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15713.7800 | 15.93 | 27.18 | 43.11 | 54.00 | 10.89 | 100 | 327 | Vertical |

Mode: IEEE 802.11ac VHT20
Highest Frequency (5825MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1101.2000 | 61.62 | 40.64 | -20.98 | 74.00 | 33.36 | 200 | 315 | Horizontal |
| 2 | 1430.1000 | 62.91 | 43.22 | -19.69 | 68.30 | 25.08 | 100 | 198 | Horizontal |
| 3 | 2821.6000 | 54.36 | 40.25 | -14.11 | 74.00 | 33.75 | 200 | 74 | Horizontal |
| 4 | 3986.5000 | 55.47 | 45.42 | -10.05 | 74.00 | 28.58 | 100 | 129 | Horizontal |
| 5 | 4828.0000 | 50.20 | 44.51 | -5.69 | 74.00 | 29.49 | 200 | 315 | Horizontal |
| 6 | 15516.0000 | 35.91 | 53.48 | 17.57 | 74.00 | 20.52 | 200 | 219 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15516.0000 | 17.57 | 28.06 | 45.63 | 54.00 | 8.37 | 200 | 219 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 62.13 | 39.54 | -22.59 | 74.00 | 34.46 | 200 | 316 | Vertical |
| 2 | 1433.9500 | 64.74 | 44.46 | -20.28 | 68.30 | 23.84 | 100 | 210 | Vertical |
| 3 | 2823.8000 | 54.80 | 40.47 | -14.33 | 74.00 | 33.53 | 200 | 235 | Vertical |
| 4 | 7422.3000 | 41.84 | 44.56 | 2.72 | 74.00 | 29.44 | 100 | 25 | Vertical |
| 5 | 8134.1500 | 40.77 | 43.76 | 2.99 | 74.00 | 30.24 | 100 | 25 | Vertical |
| 6 | 15666.6500 | 36.91 | 52.89 | 15.98 | 74.00 | 21.11 | 100 | 325 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15666.6500 | 15.98 | 26.99 | 42.97 | 54.00 | 11.03 | 100 | 325 | Vertical |

Mode: IEEE 802.11ac VHT40
Middle Frequency (5190 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 61.83 | 40.83 | -21.00 | 74.00 | 33.17 | 100 | 142 | Horizontal |
| 2 | 1600.0500 | 56.86 | 36.50 | -20.36 | 74.00 | 37.50 | 100 | 252 | Horizontal |
| 3 | 2823.8000 | 53.08 | 38.95 | -14.13 | 74.00 | 35.05 | 100 | 21 | Horizontal |
| 4 | 3984.8500 | 56.51 | 46.48 | -10.03 | 74.00 | 27.52 | 100 | 142 | Horizontal |
| 5 | 7424.6000 | 41.06 | 43.47 | 2.41 | 74.00 | 30.53 | 200 | 188 | Horizontal |
| 6 | 15778.2000 | 32.96 | 50.57 | 17.61 | 74.00 | 19.05 | 100 | 258 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15778.2000 | 17.61 | 27.16 | 44.77 | 54.00 | 9.23 | 100 | 258 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.8500 | 63.47 | 40.94 | -22.53 | 74.00 | 33.06 | 100 | 130 | Vertical |
| 2 | 1661.6500 | 60.74 | 40.20 | -20.54 | 74.00 | 33.80 | 100 | 158 | Vertical |
| 3 | 3995.3000 | 58.16 | 47.50 | -10.66 | 74.00 | 26.50 | 100 | 158 | Vertical |
| 4 | 7699.4500 | 42.54 | 44.77 | 2.23 | 74.00 | 29.23 | 100 | 166 | Vertical |
| 5 | 8425.1000 | 39.80 | 43.71 | 3.91 | 74.00 | 30.29 | 100 | 166 | Vertical |
| 6 | 15704.6000 | 36.98 | 52.87 | 15.89 | 74.00 | 21.13 | 100 | 286 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15704.5900 | 15.89 | 27.37 | 43.26 | 54.00 | 10.74 | 100 | 286 | Vertical |

Mode: IEEE 802.11ac VHT40
Highest Frequency (5230MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.5500 | 61.34 | 40.34 | -21.00 | 74.00 | 33.66 | 100 | 237 | Horizontal |
| 2 | 1394.3500 | 55.87 | 36.10 | -19.77 | 74.00 | 37.90 | 200 | 237 | Horizontal |
| 3 | 1662.2000 | 63.52 | 43.75 | -19.77 | 74.00 | 30.25 | 100 | 117 | Horizontal |
| 4 | 2832.0500 | 56.65 | 42.47 | -14.18 | 74.00 | 31.53 | 100 | 305 | Horizontal |
| 5 | 7509.7000 | 41.94 | 43.68 | 1.74 | 74.00 | 30.32 | 200 | 138 | Horizontal |
| 6 | 16207.1500 | 35.64 | 52.89 | 17.25 | 68.30 | 15.41 | 200 | 339 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16207.1300 | 17.25 | 27.32 | 44.57 | 53.80 | 9.23 | 200 | 339 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1095.1500 | 64.27 | 41.79 | -22.48 | 74.00 | 32.21 | 100 | 150 | Vertical |
| 2 | 1498.8500 | 56.47 | 37.09 | -19.38 | 74.00 | 36.91 | 100 | 128 | Vertical |
| 3 | 2832.6000 | 59.18 | 44.79 | -14.39 | 74.00 | 29.21 | 100 | 246 | Vertical |
| 4 | 3987.6000 | 57.43 | 46.96 | -10.47 | 74.00 | 27.04 | 100 | 246 | Vertical |
| 5 | 7397.0000 | 41.42 | 44.59 | 3.17 | 74.00 | 29.41 | 200 | 69 | Vertical |
| 6 | 15703.4500 | 37.13 | 53.01 | 15.88 | 74.00 | 20.99 | 100 | 69 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15703.4300 | 15.88 | 27.18 | 43.06 | 54.00 | 10.94 | 100 | 69 | Vertical |

Mode: IEEE 802.11ac VHT40
Middle Frequency (5755 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1103.4000 | 62.01 | 41.06 | -20.95 | 74.00 | 32.94 | 200 | 142 | Horizontal |
| 2 | 1162.8000 | 59.32 | 38.87 | -20.45 | 74.00 | 35.13 | 100 | 318 | Horizontal |
| 3 | 2823.2500 | 57.32 | 43.19 | -14.13 | 74.00 | 30.81 | 200 | 212 | Horizontal |
| 4 | 5034.8000 | 48.33 | 44.64 | -3.69 | 74.00 | 29.36 | 100 | 238 | Horizontal |
| 5 | 7424.6000 | 41.49 | 43.90 | 2.41 | 74.00 | 30.10 | 200 | 258 | Horizontal |
| 6 | 15662.0500 | 35.62 | 52.97 | 17.35 | 74.00 | 21.03 | 100 | 178 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15662.0300 | 17.35 | 26.96 | 44.31 | 54.00 | 9.69 | 100 | 178 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1099.0000 | 63.38 | 40.81 | -22.57 | 74.00 | 33.19 | 100 | 140 | Vertical |
| 2 | 1597.3000 | 67.98 | 48.04 | -19.94 | 74.00 | 25.96 | 200 | 102 | Vertical |
| 3 | 2820.5000 | 57.26 | 42.95 | -14.31 | 74.00 | 31.05 | 100 | 235 | Vertical |
| 4 | 3998.6000 | 57.28 | 46.53 | -10.75 | 74.00 | 27.47 | 100 | 34 | Vertical |
| 5 | 7436.1000 | 41.56 | 43.96 | 2.40 | 74.00 | 30.04 | 200 | 69 | Vertical |
| 6 | 16103.6500 | 37.16 | 52.99 | 15.83 | 74.00 | 21.01 | 100 | 125 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16103.6500 | 15.83 | 27.13 | 42.96 | 54.00 | 11.04 | 100 | 125 | Vertical |

Mode: IEEE 802.11ac VHT40
Highest Frequency (5795MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1103.9500 | 61.30 | 40.37 | -20.93 | 74.00 | 33.63 | 200 | 128 | Horizontal |
| 2 | 1600.0500 | 60.01 | 39.65 | -20.36 | 74.00 | 34.35 | 100 | 141 | Horizontal |
| 3 | 2820.5000 | 54.20 | 40.09 | -14.11 | 74.00 | 33.91 | 200 | 210 | Horizontal |
| 4 | 3983.7500 | 53.42 | 43.41 | -10.01 | 74.00 | 30.59 | 100 | 223 | Horizontal |
| 5 | 7356.7500 | 41.94 | 43.78 | 1.84 | 74.00 | 30.22 | 100 | 218 | Horizontal |
| 6 | 15729.9000 | 35.59 | 53.22 | 17.63 | 74.00 | 20.78 | 200 | 218 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15729.9000 | 17.63 | 28.16 | 45.79 | 54.00 | 8.21 | 200 | 218 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1097.3500 | 63.62 | 41.08 | -22.54 | 74.00 | 32.92 | 100 | 128 | Vertical |
| 2 | 1472.4500 | 56.24 | 36.48 | -19.76 | 74.00 | 37.52 | 200 | 156 | Vertical |
| 3 | 2821.0500 | 58.38 | 44.06 | -14.32 | 74.00 | 29.94 | 100 | 250 | Vertical |
| 4 | 3999.7000 | 55.82 | 45.05 | -10.77 | 74.00 | 28.95 | 100 | 236 | Vertical |
| 5 | 7408.5000 | 41.66 | 44.70 | 3.04 | 74.00 | 29.30 | 200 | 96 | Vertical |
| 6 | 15677.0000 | 36.97 | 52.92 | 15.95 | 74.00 | 21.08 | 100 | 80 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15677.0300 | 15.94 | 28.07 | 44.01 | 54.00 | 9.99 | 100 | 109 | Vertical |

Mode: IEEE 802.11ac VHT80
Middle Frequency (5210 MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1162.8000 | 69.93 | 47.16 | -22.77 | 74.00 | 26.84 | 200 | 322 | Horizontal |
| 2 | 1663.8500 | 67.98 | 46.22 | -21.76 | 74.00 | 27.78 | 100 | 320 | Horizontal |
| 3 | 2784.7500 | 56.54 | 39.92 | -16.62 | 74.00 | 34.08 | 200 | 208 | Horizontal |
| 4 | 4135.5500 | 55.42 | 43.32 | -12.10 | 74.00 | 30.68 | 100 | 16 | Horizontal |
| 5 | 7617.8000 | 50.84 | 47.81 | -3.03 | 74.00 | 26.19 | 100 | 220 | Horizontal |
| 6 | 16448.6500 | 44.60 | 54.17 | 9.57 | 68.30 | 14.13 | 200 | 40 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16448.6300 | 9.57 | 28.10 | 37.67 | 53.83 | 16.16 | 200 | 40 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1164.4500 | 69.13 | 45.52 | -23.61 | 74.00 | 28.48 | 200 | 36 | Vertical |
| 2 | 1328.3500 | 68.32 | 46.09 | -22.23 | 74.00 | 27.91 | 100 | 16 | Vertical |
| 3 | 1662.7500 | 69.32 | 46.78 | -22.54 | 74.00 | 27.22 | 200 | 36 | Vertical |
| 4 | 7305.0000 | 50.71 | 47.49 | -3.22 | 74.00 | 26.51 | 100 | 88 | Vertical |
| 5 | 8469.9500 | 48.05 | 47.48 | -0.57 | 74.00 | 26.52 | 200 | 28 | Vertical |
| 6 | 16215.2000 | 44.04 | 52.74 | 8.70 | 68.30 | 15.56 | 200 | 334 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16215.3000 | 8.65 | 27.15 | 35.80 | 53.80 | 18.00 | 100 | 305 | Vertical |

Mode: IEEE 802.11ac VHT80
Highest Frequency (5775MHz)
Environment: 24.3℃/56%RH/101.0kPa
Tested By:Zhang Zishan

Date: 2024-05-10
Voltage:DC 12V

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1102.8500 | 60.79 | 39.84 | -20.95 | 74.00 | 34.16 | 100 | 232 | Horizontal |
| 2 | 1481.2500 | 54.72 | 34.56 | -20.16 | 74.00 | 39.44 | 100 | 340 | Horizontal |
| 3 | 2826.0000 | 53.71 | 39.56 | -14.15 | 74.00 | 34.44 | 100 | 287 | Horizontal |
| 4 | 5059.0000 | 47.85 | 44.33 | -3.52 | 74.00 | 29.67 | 100 | 165 | Horizontal |
| 5 | 7401.6000 | 41.26 | 43.97 | 2.71 | 74.00 | 30.03 | 200 | 182 | Horizontal |
| 6 | 15386.0500 | 35.25 | 52.90 | 17.65 | 74.00 | 21.10 | 200 | 142 | Horizontal |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 15386.0300 | 17.65 | 28.04 | 45.69 | 54.00 | 8.31 | 200 | 142 | Horizontal |

| Suspected Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1100.1000 | 63.32 | 40.73 | -22.59 | 74.00 | 33.27 | 100 | 122 | Vertical |
| 2 | 1165.0000 | 59.04 | 37.74 | -21.30 | 74.00 | 36.26 | 200 | 191 | Vertical |
| 3 | 2824.9000 | 56.58 | 42.24 | -14.34 | 74.00 | 31.76 | 100 | 81 | Vertical |
| 4 | 7700.6000 | 41.68 | 43.92 | 2.24 | 74.00 | 30.08 | 100 | 349 | Vertical |
| 5 | 8213.5000 | 40.86 | 44.42 | 3.56 | 74.00 | 29.58 | 100 | 308 | Vertical |
| 6 | 16085.2500 | 36.08 | 52.08 | 16.00 | 74.00 | 21.92 | 200 | 265 | Vertical |

| AV Final Data List | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Factor [dB] | AV Reading [dBμV/m] | AV Value [dBμV/m] | AV Limit [dBμV/m] | AV Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 16085.2500 | 16.00 | 27.19 | 43.19 | 54.00 | 10.81 | 200 | 265 | Vertical |

**18GHz-40GHz:**

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Note: Pre-scan all modes, only the worst case(IEEE 802.11n HT40_5190MHz) is recorded in this report.

Mode: IEEE 802.11n HT40
Lowest Frequency (5190MHz) Date: 2024-05-10
Environment:24.3℃/56%RH/101.0kPa Voltage:DC 12V
Tested By:Zhang Zishan

| Suspected Data List | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level for 1m [dBμV/m] | Level for 3m [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 18920.7000 | 57.03 | 45.86 | 36.32 | -11.17 | 74.00 | 37.68 | 150 | 52 | Horizontal |
| 2 | 21604.7000 | 54.66 | 44.74 | 35.2 | -9.92 | 68.30 | 33.1 | 150 | 239 | Horizontal |
| 3 | 25021.3000 | 54.12 | 46.25 | 36.71 | -7.87 | 68.30 | 31.59 | 150 | 174 | Horizontal |
| 4 | 30817.2000 | 57.15 | 48.69 | 39.15 | -8.46 | 68.30 | 29.15 | 150 | 167 | Horizontal |
| 5 | 34228.3000 | 58.25 | 49.28 | 39.74 | -8.97 | 68.30 | 28.56 | 150 | 123 | Horizontal |
| 6 | 40000.0000 | 52.50 | 51.53 | 41.99 | -0.97 | 68.30 | 26.31 | 150 | 232 | Horizontal |

| Suspected Data List | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBμV/m] | Level for 1m [dBμV/m] | Level for 3m [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 18999.9000 | 55.78 | 44.68 | 35.14 | -11.10 | 74.00 | 38.86 | 150 | 138 | Vertical |
| 2 | 23882.8000 | 54.08 | 45.70 | 36.16 | -8.38 | 74.00 | 37.84 | 150 | 61 | Vertical |
| 3 | 25893.6000 | 54.18 | 45.94 | 36.4 | -8.24 | 68.30 | 31.9 | 150 | 268 | Vertical |
| 4 | 29966.9000 | 56.35 | 48.19 | 38.65 | -8.16 | 68.30 | 29.65 | 150 | 10 | Vertical |
| 5 | 34662.8000 | 58.64 | 49.44 | 39.9 | -9.20 | 68.30 | 28.4 | 150 | 321 | Vertical |
| 6 | 37980.4000 | 54.42 | 51.17 | 41.63 | -3.25 | 68.30 | 26.67 | 150 | 169 | Vertical |

***Remark:***

1 Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

2 Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

3 Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.

4 Above 18G test distance is 1m, so the Level for 3m= Level for 1m + 20*log(1/3)

## 6. RESTRICTED BANDS OF OPERATION

### 6.1 LIMITS

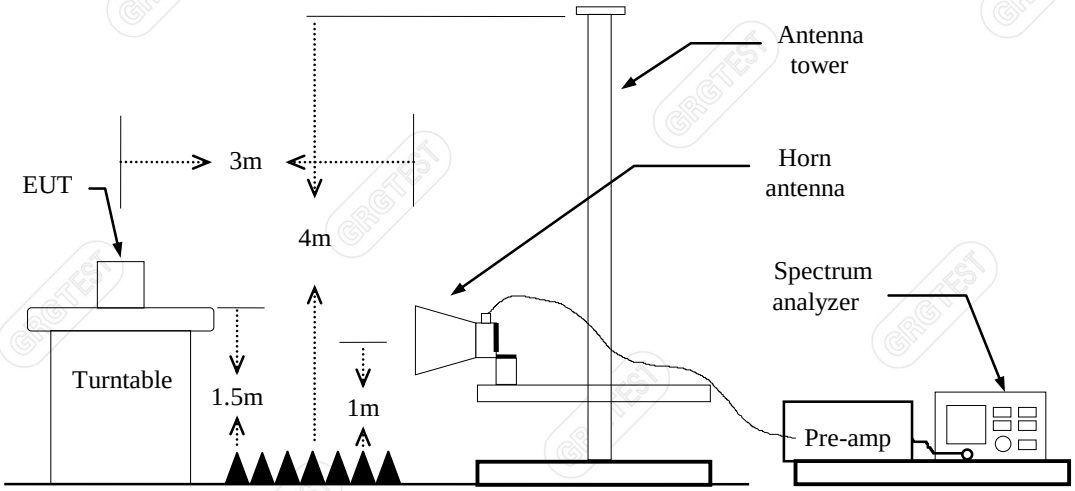
Section 15.407(b)(10) The provisions of §15.205 apply to intentional radiators operating under this section.
15.205(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

| MHz | MHz | MHz | GHz |
|---|---|---|---|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| [1]0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.52525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2655 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | ([2]) |

### 6.2 TEST PROCEDURES

a) The EUT is placed on a turntable, which is 1.5m above the ground plane.
b) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
c) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
d) Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
   a) PEAK Measurement: RBW=1MHz / VBW=3MHz / Sweep=AUTO
   b) AVERAGE Measurement: RBW=1MHz, Sweep=AUTO, There are two cases of VBW.
   If the EUT is configured to transmit with duty cycle ≥98%, set VBW=10Hz.If the EUT duty cycle is ＜ 98%,set VBW≥1/T, Where T is defined in section 2.9.
e) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

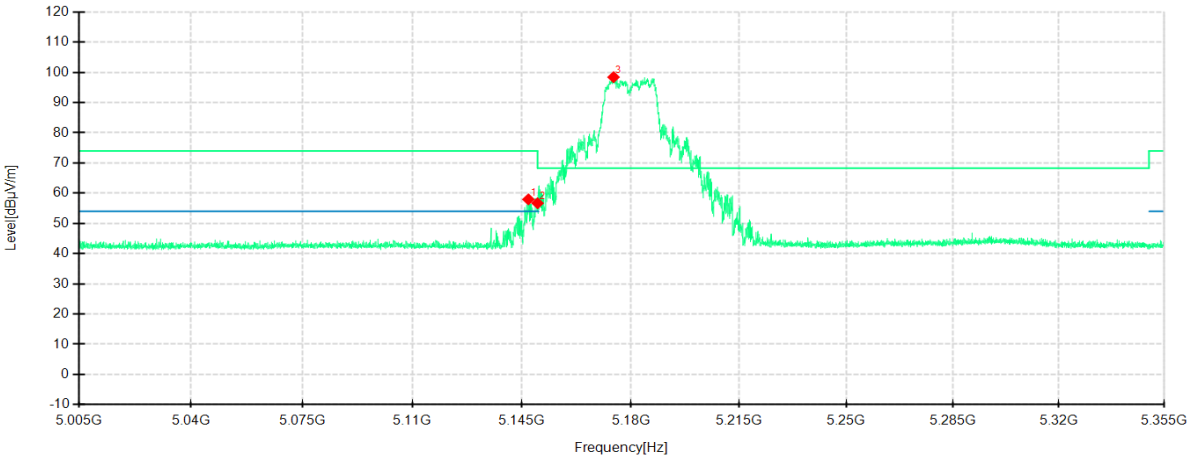
## 6.3 TEST SETUP



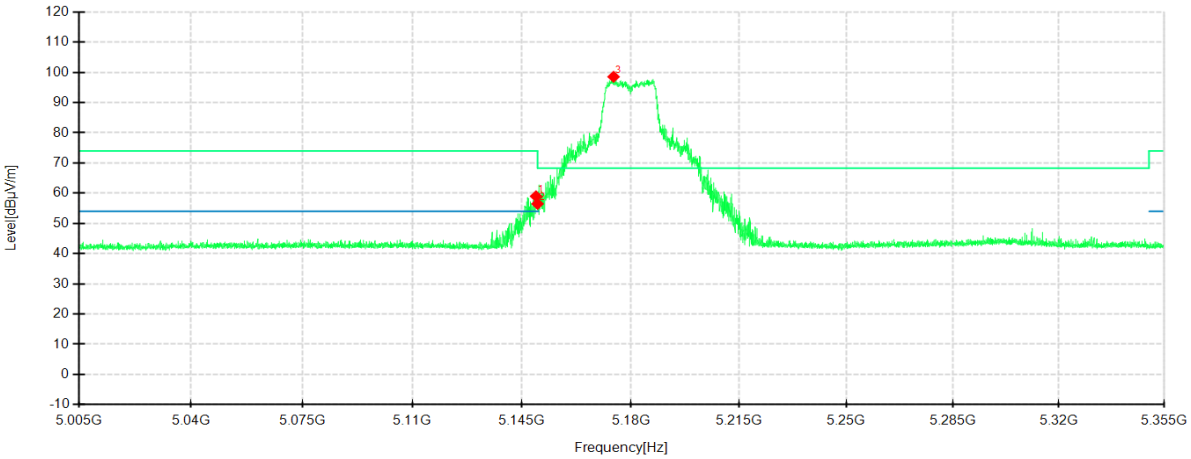

**——Blank space below this page——**

## 6.4 TEST RESULTS

**IEEE 802.11a mode ANT2**
**Lowest Channel**
Frequency 5180MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal



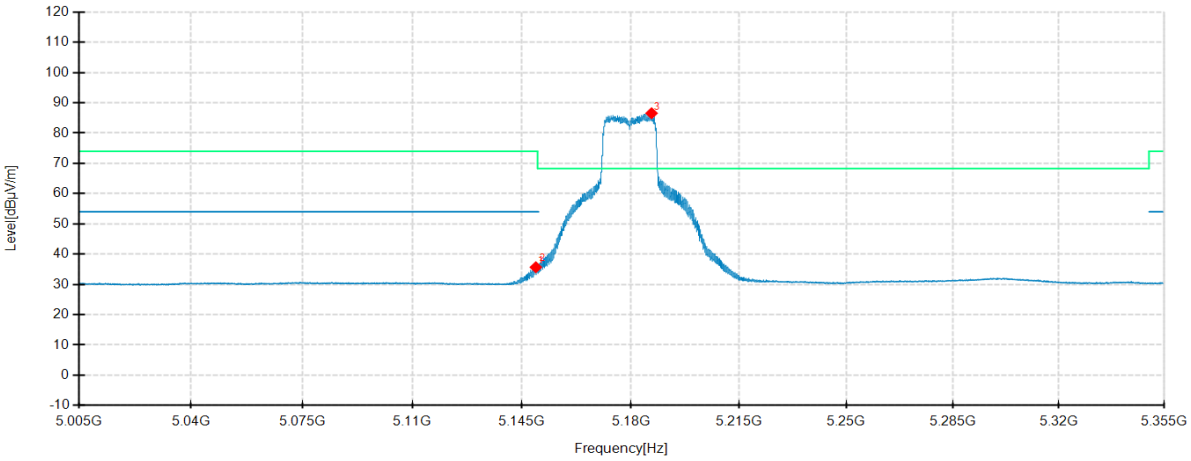

Detector mode: Peak Polarity: Vertical



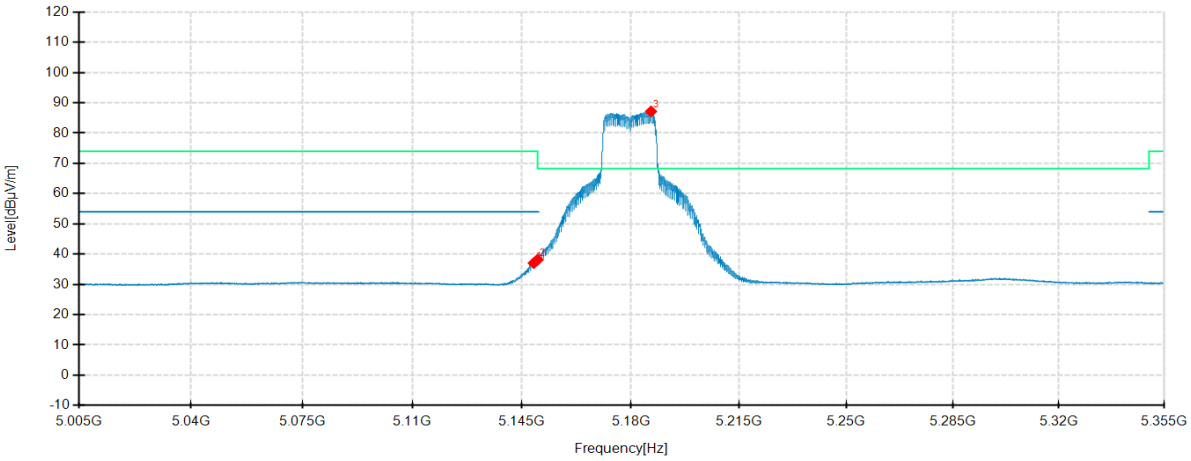
| No. | Frequency MHz | Reading dBμV/m | Level dBμV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5147.0563 | 61.86 | 57.96 | -3.90 | 74.00 | 16.04 | 100 | 262 | Horizontal | / |
| 2 | 5150.0000 | 60.63 | 56.70 | -3.93 | 68.30 | 11.60 | 100 | 262 | Horizontal | / |
| 3 | 5174.4438 | 101.93 | 98.42 | -3.51 | 68.30 | -30.12 | 100 | 262 | Horizontal | No limit |
| 1 | 5149.5063 | 63.13 | 59.00 | -4.13 | 74.00 | 15.00 | 200 | 109 | Vertical | / |
| 2 | 5150.0000 | 60.61 | 56.48 | -4.13 | 68.30 | 11.82 | 200 | 31 | Vertical | / |
| 3 | 5174.4438 | 102.31 | 98.55 | -3.76 | 68.30 | -30.25 | 200 | 109 | Vertical | No limit |

**——Blank space below this page——**

**IEEE 802.11a mode ANT2**
**Lowest Channel**
Frequency 5180MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Average Polarity: Horizontal

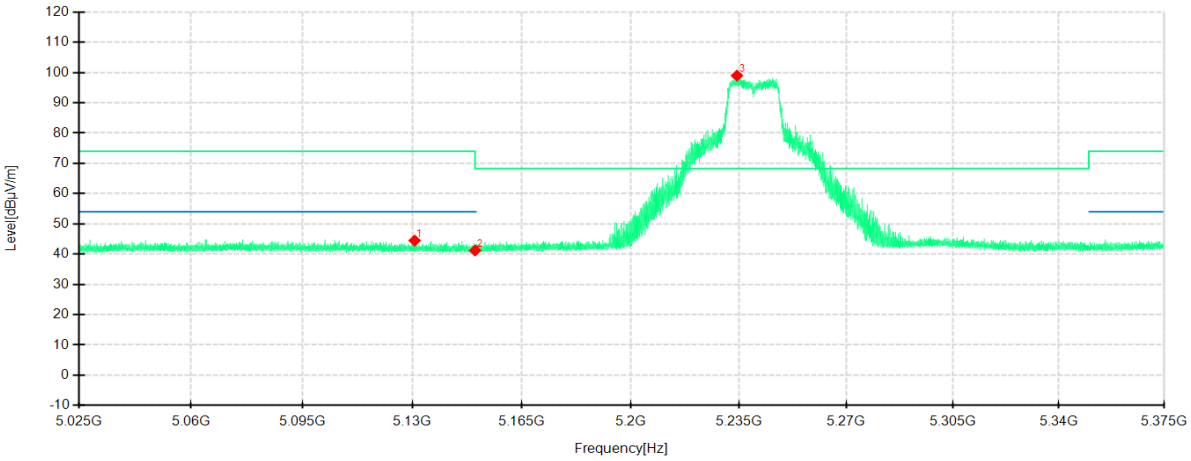



Detector mode: Average Polarity: Vertical

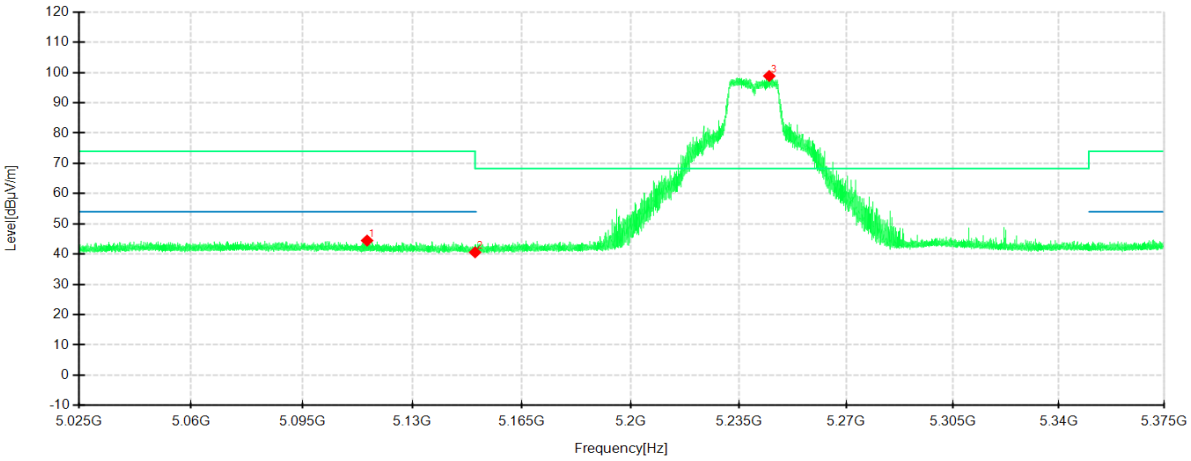



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.4625 | 39.60 | 35.67 | -3.93 | 54.00 | 18.33 | 100 | 260 | Horizontal | / |
| 2 | 5150.0000 | 40.37 | 36.44 | -3.93 | 54.00 | 17.56 | 100 | 260 | Horizontal | / |
| 3 | 5186.7200 | 89.85 | 86.56 | -3.29 | - | - | 100 | 260 | Horizontal | No limit |
| 1 | 5148.7975 | 41.15 | 37.04 | -4.11 | 54.00 | 16.96 | 200 | 118 | Vertical | / |
| 2 | 5150.0000 | 42.29 | 38.16 | -4.13 | 54.00 | 15.84 | 200 | 101 | Vertical | / |
| 3 | 5186.5450 | 90.73 | 87.15 | -3.58 | - | - | 200 | 118 | Vertical | No limit |

**IEEE 802.11a mode ANT2**
**Highest Channel**
Frequency 5240MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

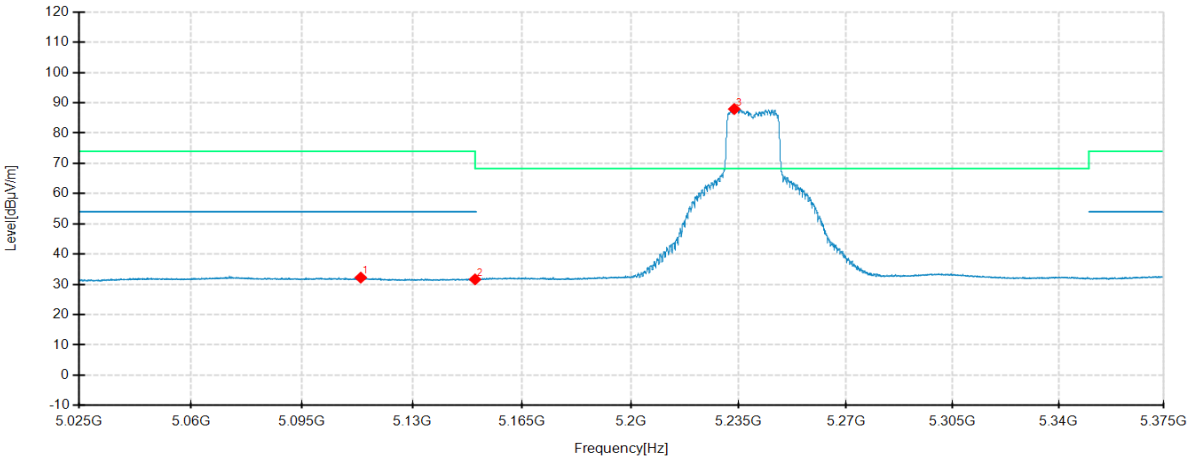



Detector mode: Peak Polarity: Vertical

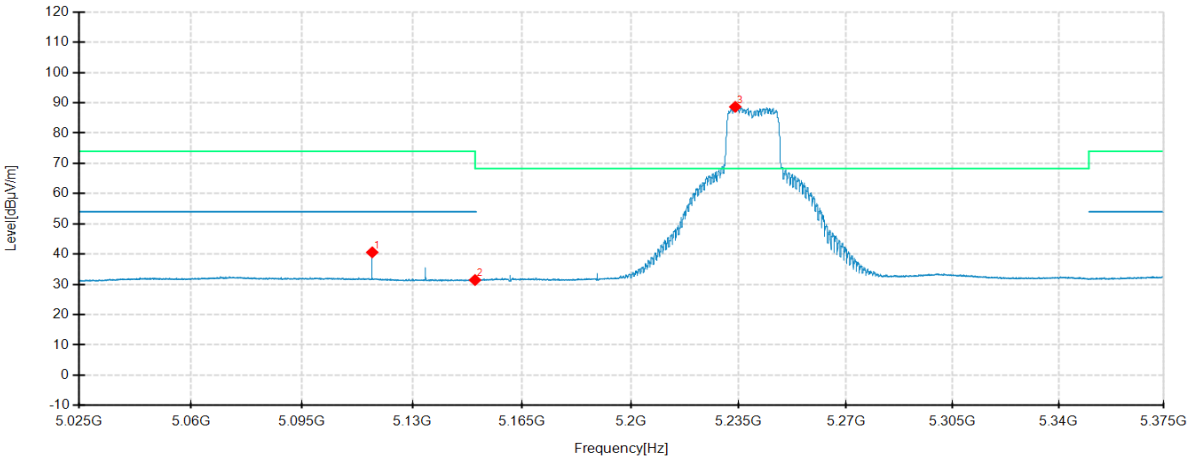



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5130.7000 | 48.24 | 44.49 | -3.75 | 74.00 | 29.51 | 200 | 118 | Horizontal | / |
| 2 | 5150.0000 | 45.14 | 41.21 | -3.93 | 68.30 | 27.09 | 100 | 212 | Horizontal | / |
| 3 | 5234.4050 | 102.45 | 99.00 | -3.45 | 68.30 | -30.70 | 100 | 260 | Horizontal | No limit |
| 1 | 5115.5975 | 48.10 | 44.49 | -3.61 | 74.00 | 29.51 | 100 | 246 | Vertical | / |
| 2 | 5150.0000 | 44.74 | 40.61 | -4.13 | 68.30 | 27.69 | 200 | 222 | Vertical | / |
| 3 | 5244.9050 | 102.82 | 98.87 | -3.95 | 68.30 | -30.57 | 200 | 108 | Vertical | No limit |

**IEEE 802.11a mode ANT2**
**Highest Channel**
Frequency 5240MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Average Polarity: Horizontal

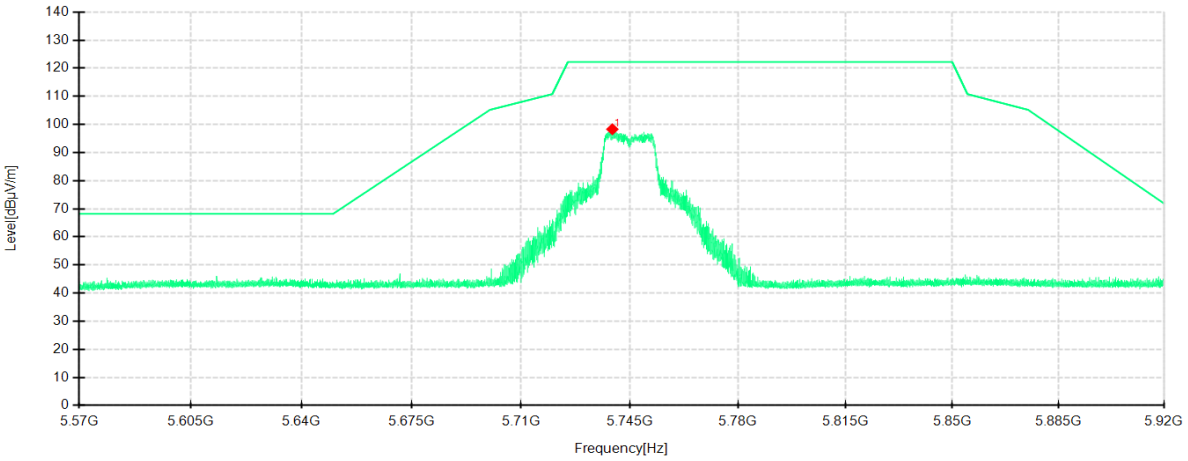



Detector mode: Average Polarity: Vertical

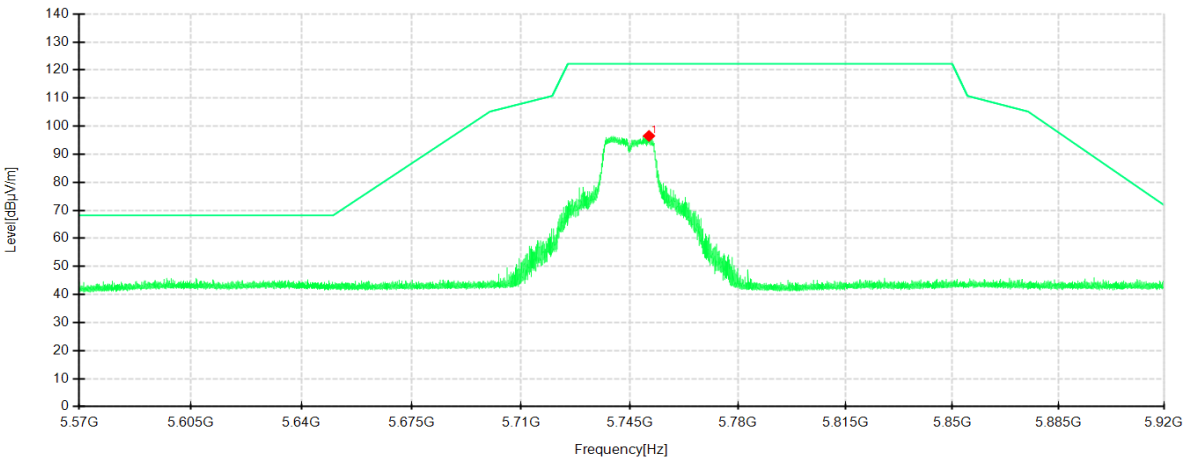



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5113.5850 | 35.86 | 32.25 | -3.61 | 54.00 | 21.75 | 200 | 2 | Horizontal | / |
| 2 | 5150.0000 | 35.59 | 31.66 | -3.93 | 54.00 | 22.34 | 100 | 128 | Horizontal | / |
| 3 | 5233.5300 | 91.39 | 87.95 | -3.44 | - | - | 100 | 259 | Horizontal | No limit |
| 1 | 5117.2250 | 44.25 | 40.61 | -3.64 | 54.00 | 13.39 | 200 | 204 | Vertical | / |
| 2 | 5150.0000 | 35.58 | 31.45 | -4.13 | 54.00 | 22.55 | 200 | 353 | Vertical | / |
| 3 | 5233.8450 | 92.48 | 88.67 | -3.81 | - | - | 100 | 121 | Vertical | No limit |

**IEEE 802.11a mode ANT2**
**Lowest Channel**
Frequency 5745MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

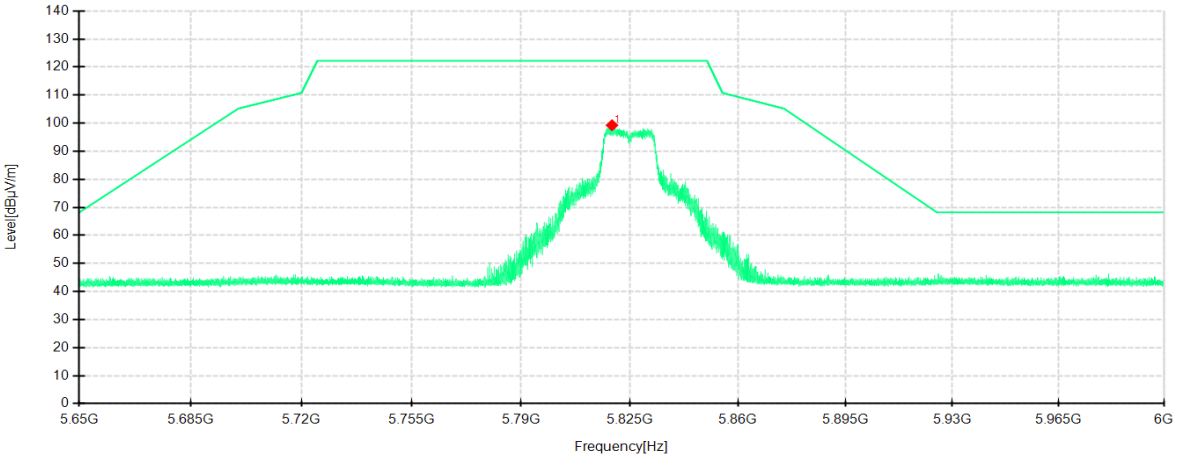



Detector mode: Peak Polarity: Vertical

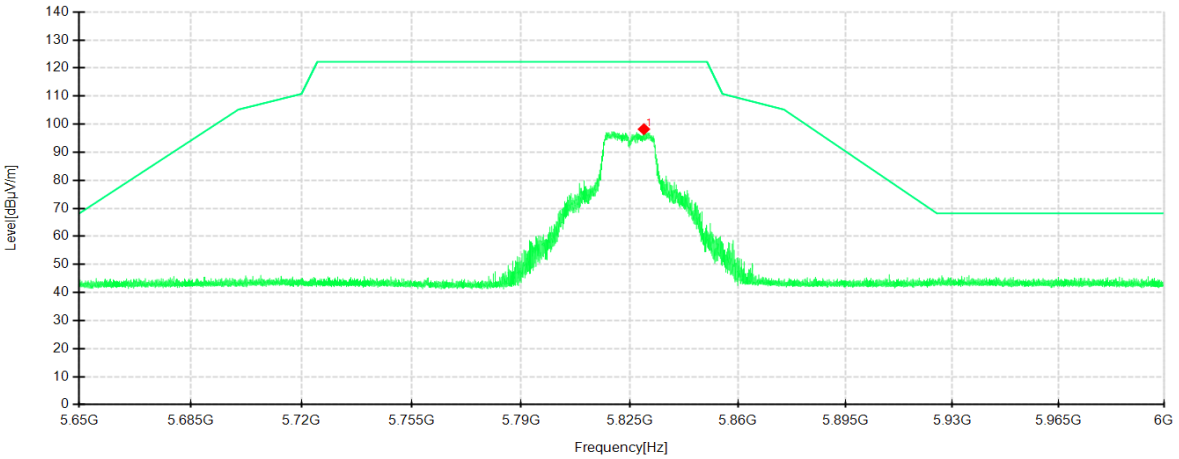



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5739.3475 | 100.92 | 98.29 | -2.63 | 122.20 | 23.91 | 100 | 262 | Horizontal | / |
| 1 | 5751.1775 | 99.40 | 96.52 | -2.88 | 122.20 | 25.68 | 200 | 99 | Vertical | / |

**IEEE 802.11a mode ANT2**
**Lowest Channel**
Frequency 5825MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

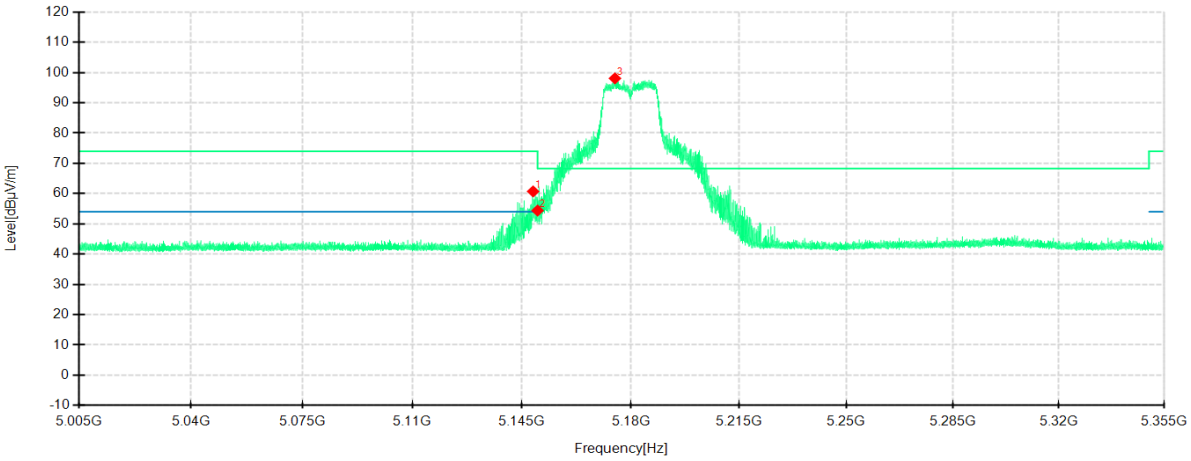



Detector mode: Peak Polarity: Vertical

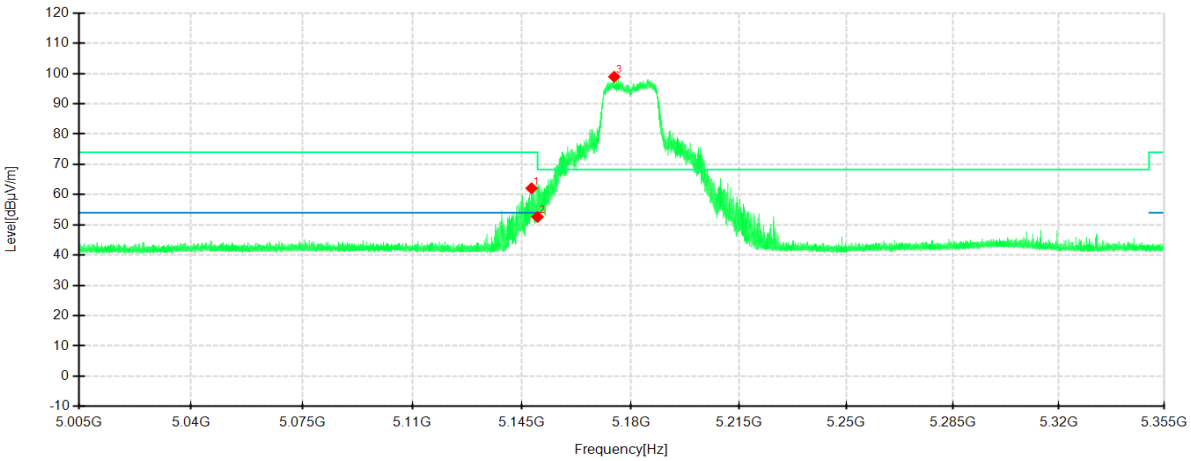



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5819.2600 | 101.69 | 99.26 | -2.43 | 122.20 | 22.94 | 100 | 259 | Horizontal | / |
| 1 | 5829.5675 | 100.74 | 98.21 | -2.53 | 122.20 | 23.99 | 200 | 99 | Vertical | / |

**IEEE 802.11n HT20 mode ANT2**
**Highest Channel**
Frequency 5180MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

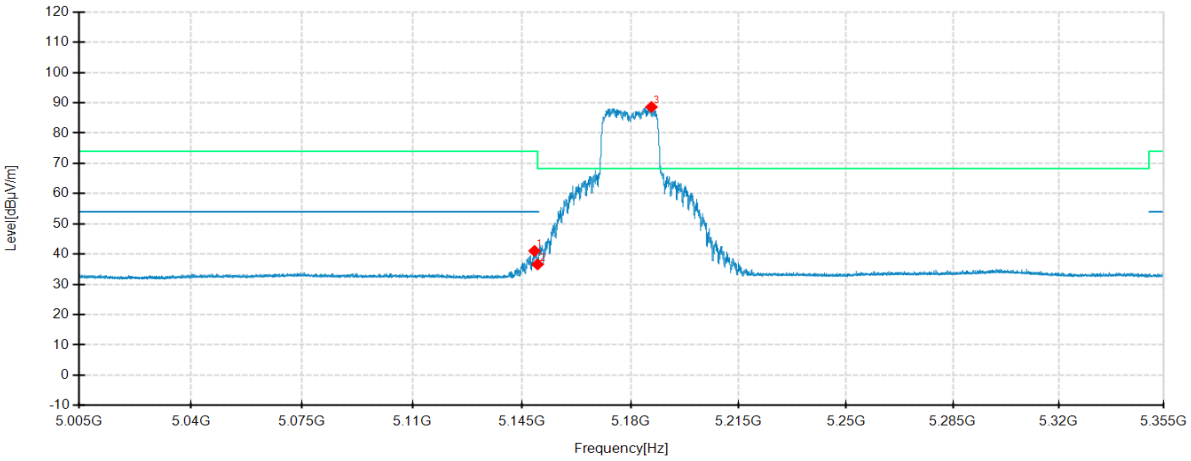



Detector mode: Peak Polarity: Vertical

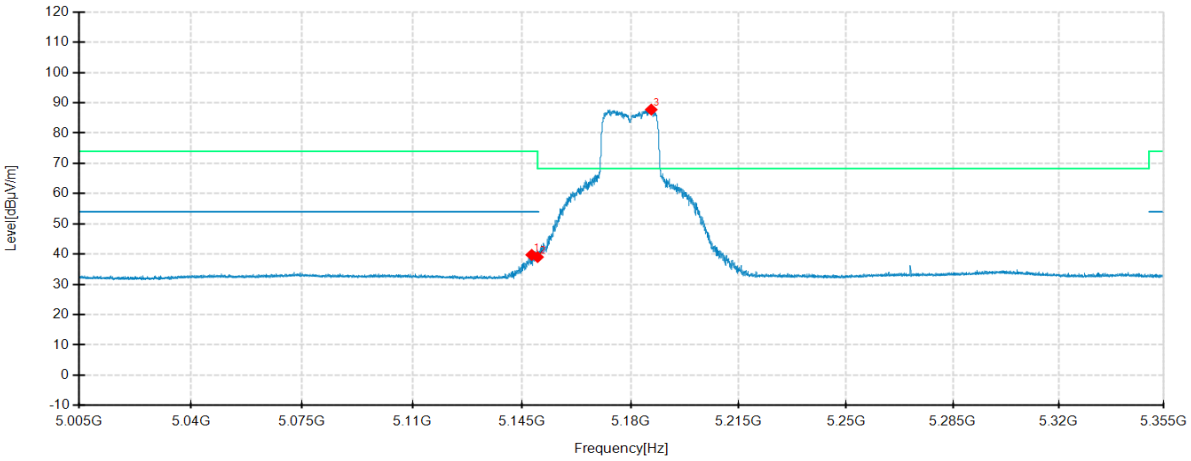



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5148.5700 | 64.65 | 60.73 | -3.92 | 74.00 | 13.27 | 100 | 243 | Horizontal | / |
| 2 | 5150.0000 | 58.34 | 54.41 | -3.93 | 68.30 | 13.89 | 100 | 243 | Horizontal | / |
| 3 | 5174.8900 | 101.58 | 98.08 | -3.50 | 68.30 | -29.78 | 100 | 243 | Horizontal | No limit |
| 1 | 5148.0800 | 66.20 | 62.10 | -4.10 | 74.00 | 11.90 | 200 | 117 | Vertical | / |
| 2 | 5150.0000 | 56.76 | 52.63 | -4.13 | 68.30 | 15.67 | 200 | 117 | Vertical | / |
| 3 | 5174.6800 | 102.72 | 98.96 | -3.76 | 68.30 | -30.66 | 200 | 117 | Vertical | No limit |

**IEEE 802.11n HT20 mode ANT2**
**Highest Channel**
Frequency 5180MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Average Polarity: Horizontal

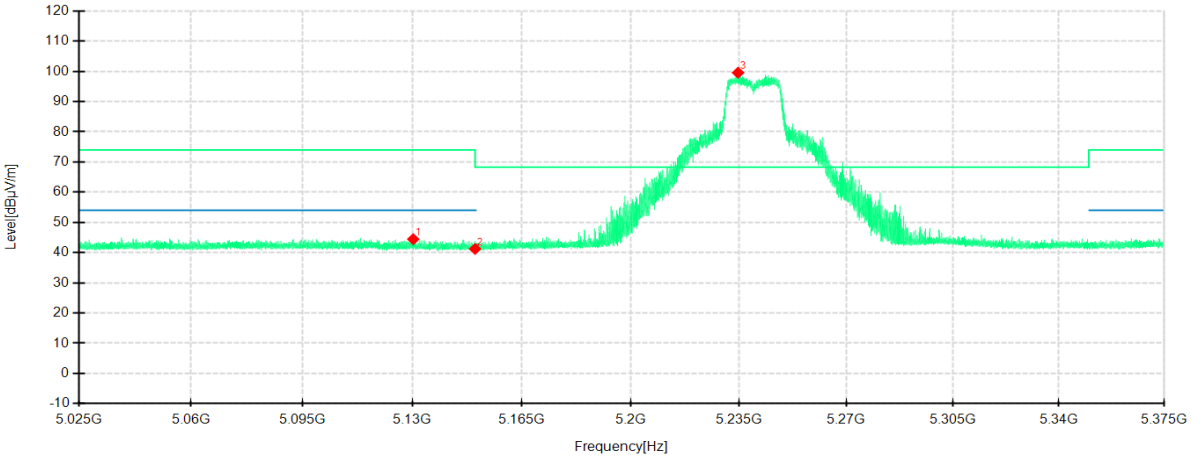



Detector mode: Average Polarity: Vertical

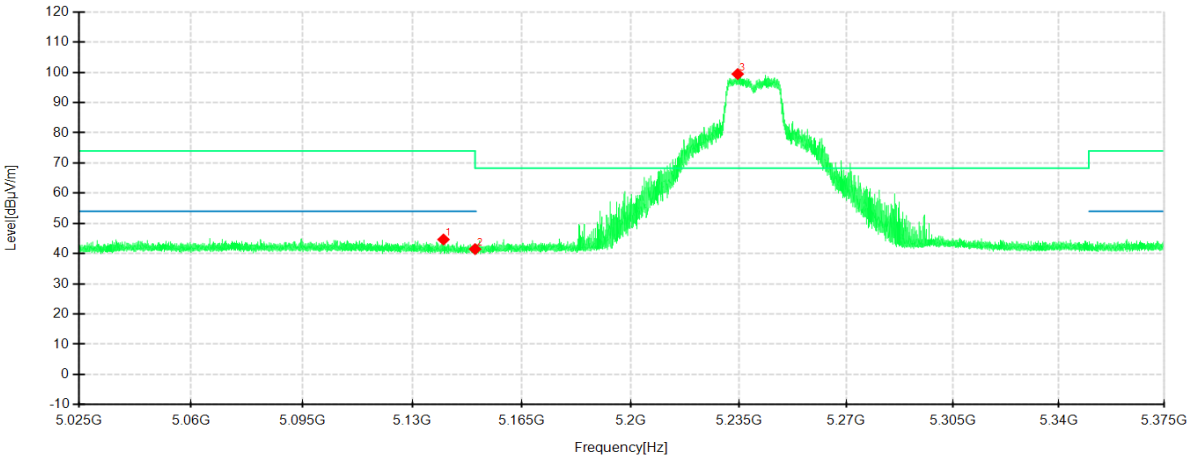



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.0250 | 44.99 | 41.07 | -3.92 | 54.00 | 12.93 | 100 | 265 | Horizontal | / |
| 2 | 5150.0000 | 40.54 | 36.61 | -3.93 | 54.00 | 17.39 | 100 | 250 | Horizontal | / |
| 3 | 5186.6850 | 91.91 | 88.61 | -3.30 | - | - | 100 | 265 | Horizontal | No limit |
| 1 | 5148.1150 | 43.87 | 39.77 | -4.10 | 54.00 | 14.23 | 100 | 108 | Vertical | / |
| 2 | 5150.0000 | 43.17 | 39.04 | -4.13 | 54.00 | 14.96 | 100 | 108 | Vertical | / |
| 3 | 5186.6150 | 91.34 | 87.76 | -3.58 | - | - | 100 | 121 | Vertical | No limit |

**IEEE 802.11n HT20 mode ANT2**
**Lowest Channel**
Frequency 5240MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

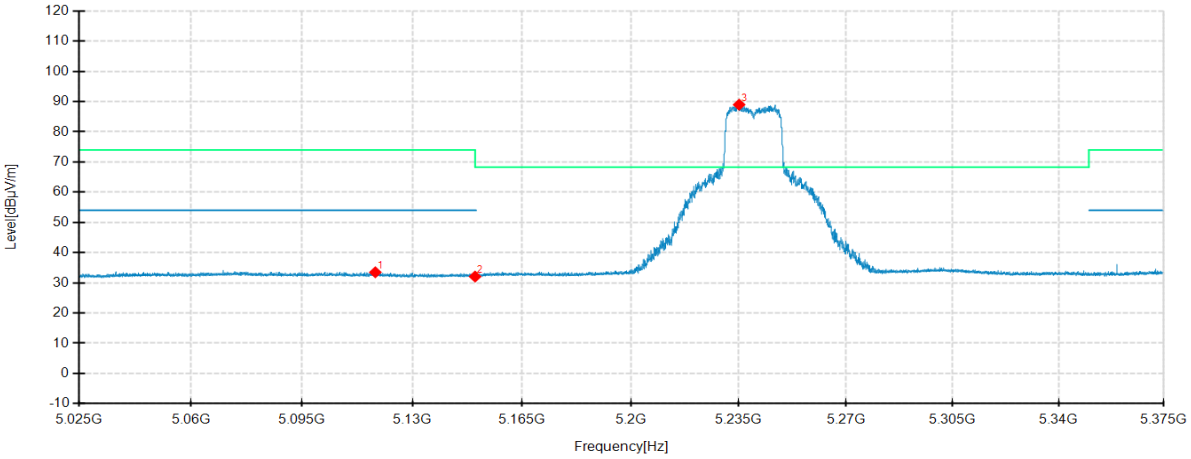



Detector mode: Peak Polarity: Vertical

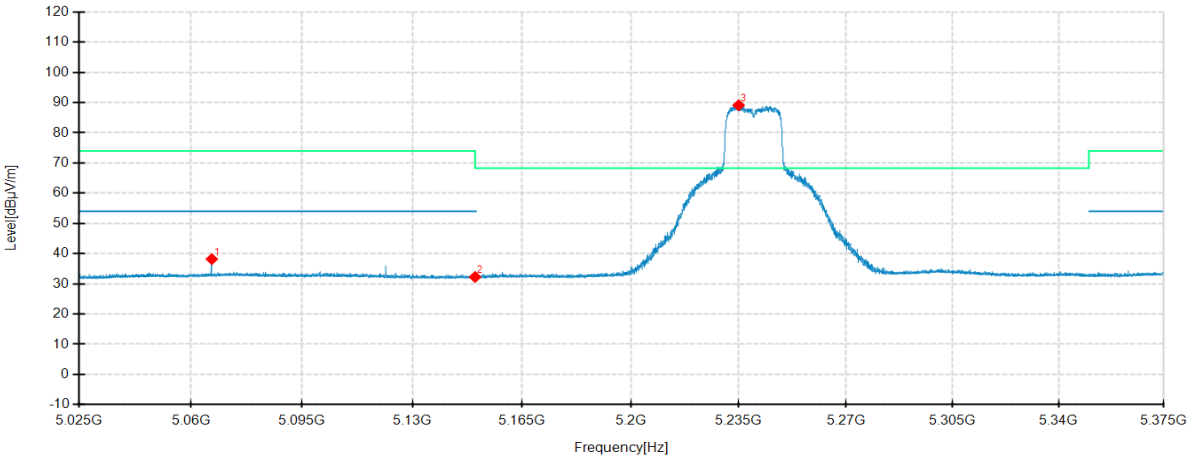



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5130.2625 | 48.21 | 44.46 | -3.75 | 74.00 | 29.54 | 200 | 149 | Horizontal | / |
| 2 | 5150.0000 | 45.17 | 41.24 | -3.93 | 68.30 | 27.06 | 200 | 83 | Horizontal | / |
| 3 | 5234.7550 | 103.01 | 99.56 | -3.45 | 68.30 | -31.26 | 100 | 243 | Horizontal | No limit |
| 1 | 5139.9050 | 48.66 | 44.68 | -3.98 | 74.00 | 29.32 | 200 | 260 | Vertical | / |
| 2 | 5150.0000 | 45.62 | 41.49 | -4.13 | 68.30 | 26.81 | 200 | 243 | Vertical | / |
| 3 | 5234.6325 | 103.27 | 99.45 | -3.82 | 68.30 | -31.15 | 200 | 117 | Vertical | No limit |

**IEEE 802.11n HT20 mode ANT2**
**Lowest Channel**
Frequency 5240MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Average Polarity: Horizontal

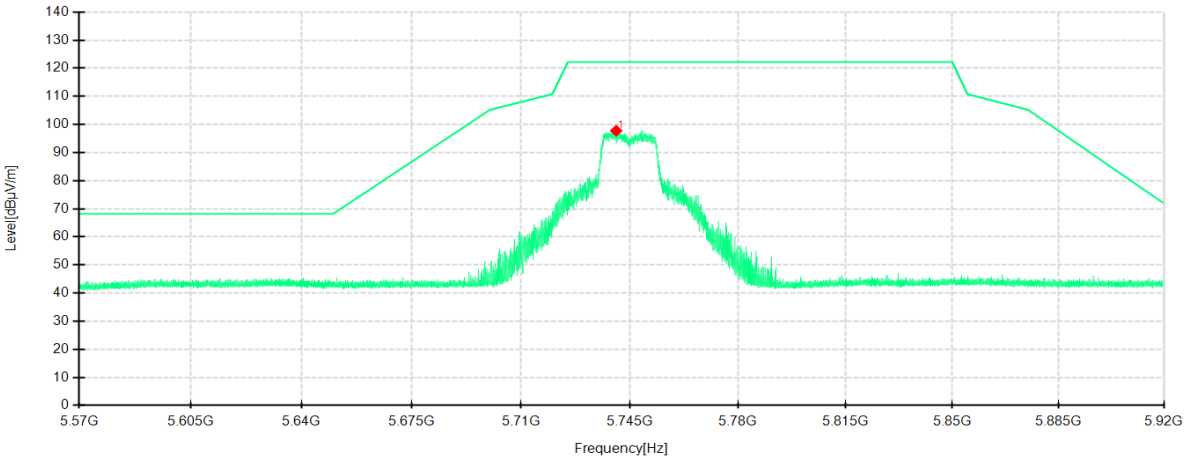



Detector mode: Average Polarity: Vertical

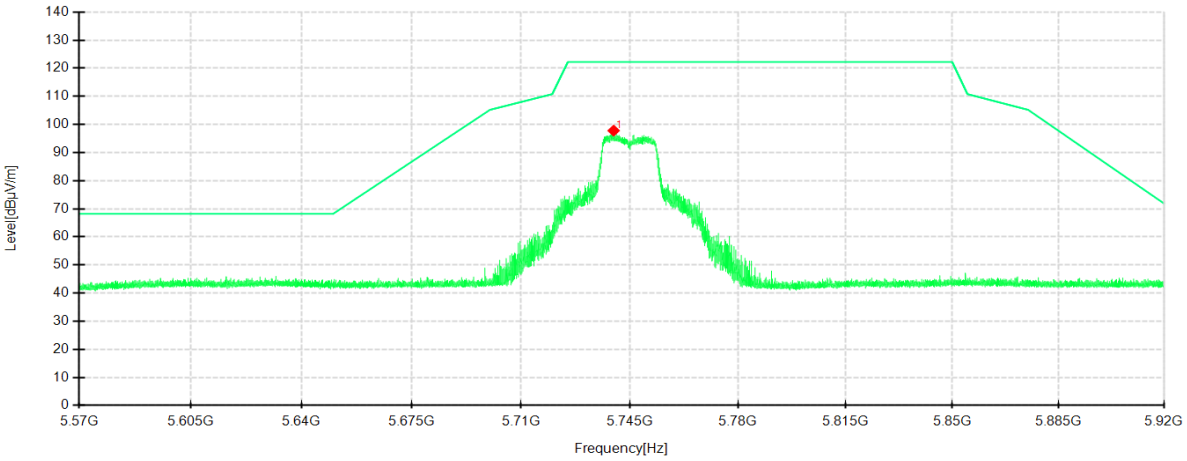



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5118.2050 | 37.14 | 33.49 | -3.65 | 54.00 | 20.51 | 100 | 19 | Horizontal | / |
| 2 | 5150.0000 | 36.01 | 32.08 | -3.93 | 54.00 | 21.92 | 200 | 135 | Horizontal | / |
| 3 | 5235.1050 | 92.44 | 88.98 | -3.46 | - | - | 100 | 253 | Horizontal | No limit |
| 1 | 5066.5100 | 41.60 | 38.19 | -3.41 | 54.00 | 15.81 | 200 | 115 | Vertical | / |
| 2 | 5150.0000 | 36.40 | 32.27 | -4.13 | 54.00 | 21.73 | 100 | 81 | Vertical | / |
| 3 | 5234.9650 | 92.94 | 89.12 | -3.82 | - | - | 100 | 107 | Vertical | No limit |

**IEEE 802.11n HT20 mode ANT2**
**Highest Channel**
Frequency 5745MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

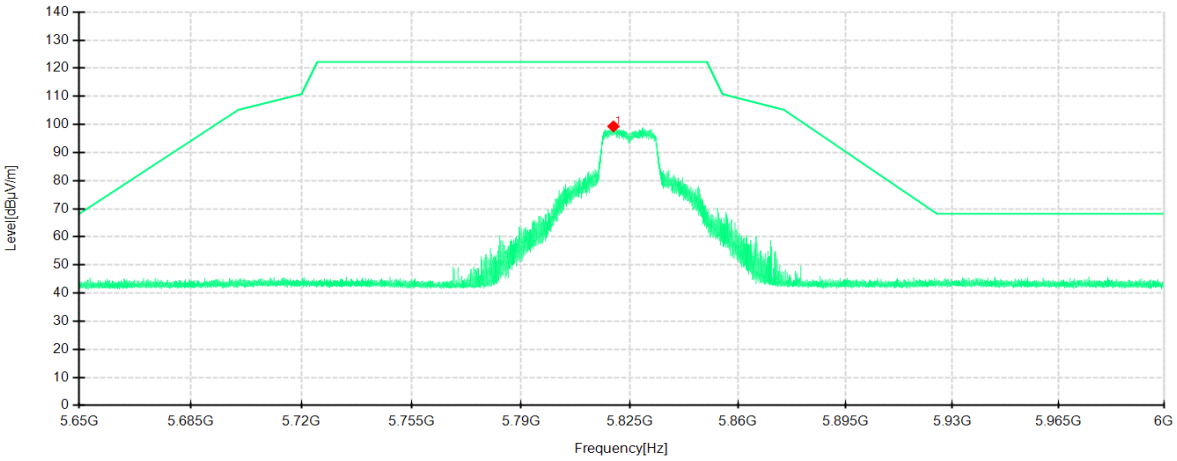



Detector mode: Peak Polarity: Vertical

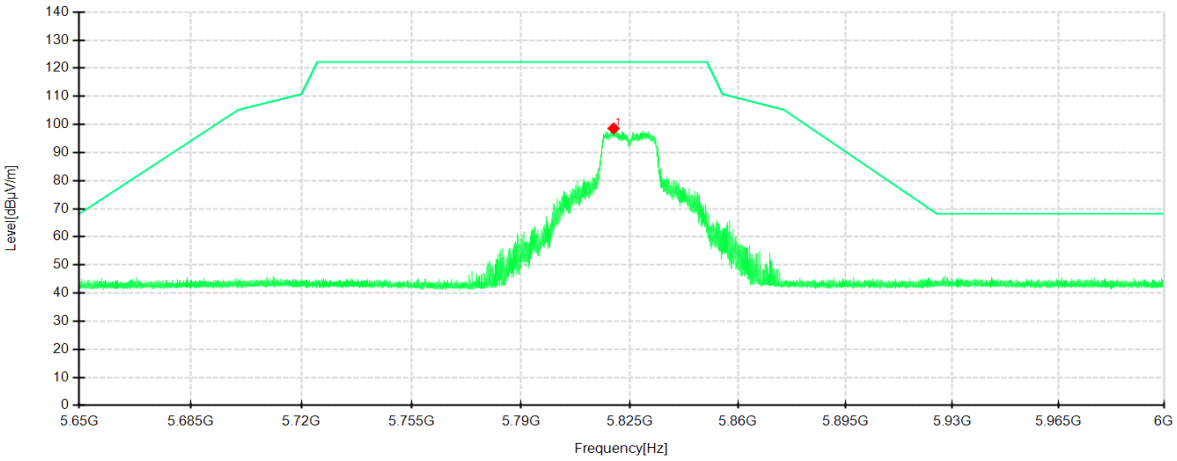



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5740.5725 | 100.39 | 97.75 | -2.64 | 122.20 | 24.45 | 100 | 258 | Horizontal | / |
| 1 | 5739.7675 | 100.62 | 97.80 | -2.82 | 122.20 | 24.40 | 100 | 115 | Vertical | / |

**IEEE 802.11n HT20 mode ANT2**
**Highest Channel**
Frequency 5825MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

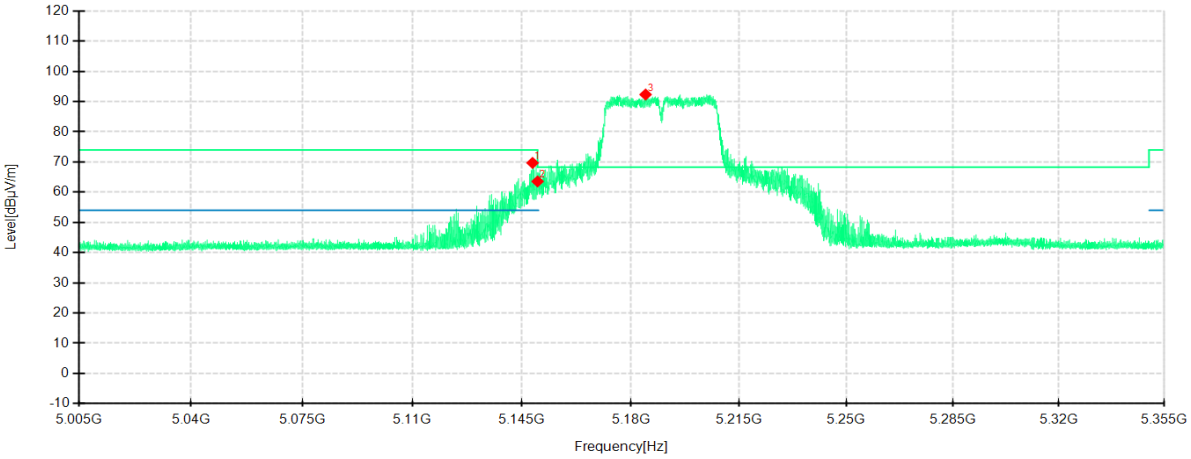



Detector mode: Peak Polarity: Vertical

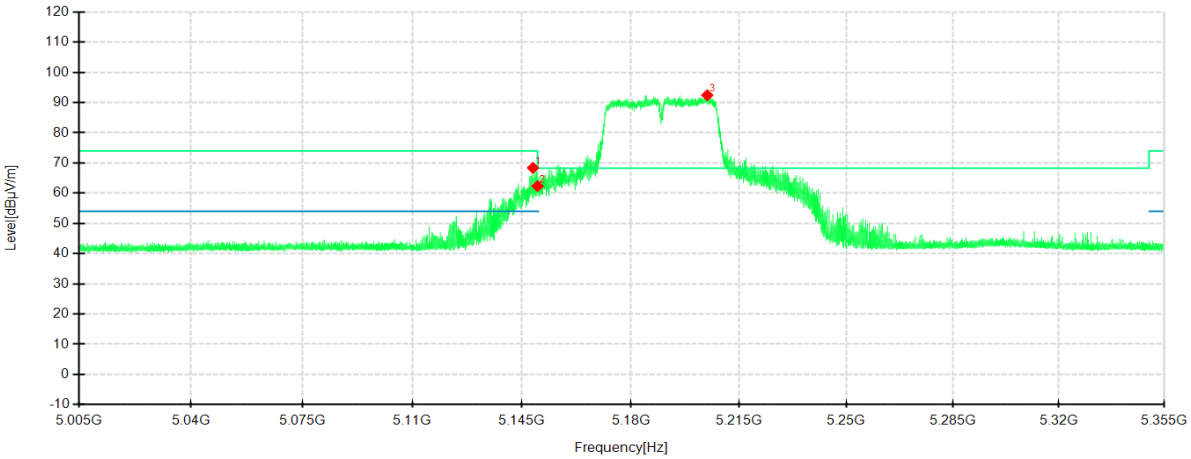



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5819.7500 | 101.73 | 99.31 | -2.42 | 122.20 | 22.89 | 100 | 258 | Horizontal | / |
| 1 | 5819.7850 | 101.38 | 98.60 | -2.78 | 122.20 | 23.60 | 200 | 114 | Vertical | / |

**IEEE 802.11n HT40 mode ANT2**
**Lowest Channel**
Frequency 5190MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Peak Polarity: Horizontal

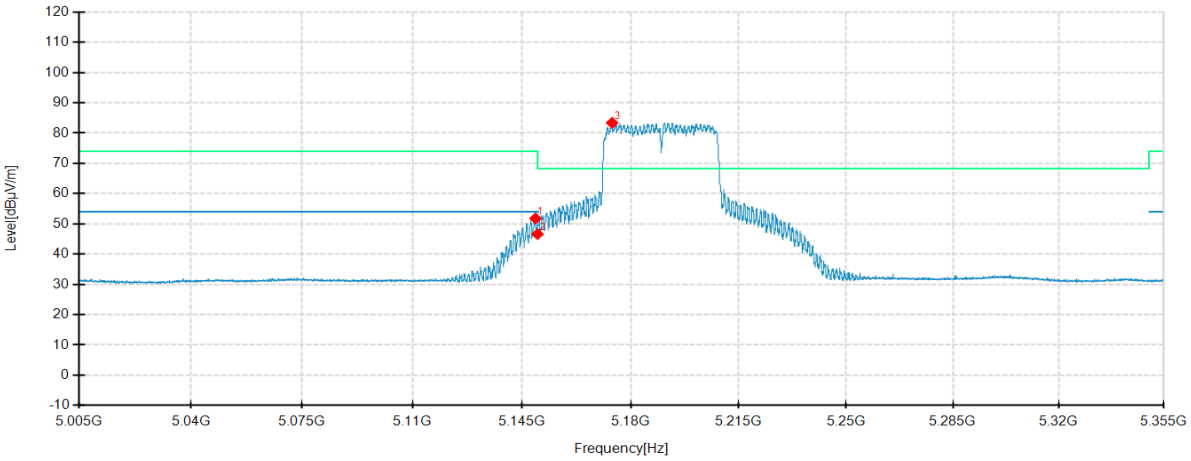



Detector mode: Peak Polarity: Vertical

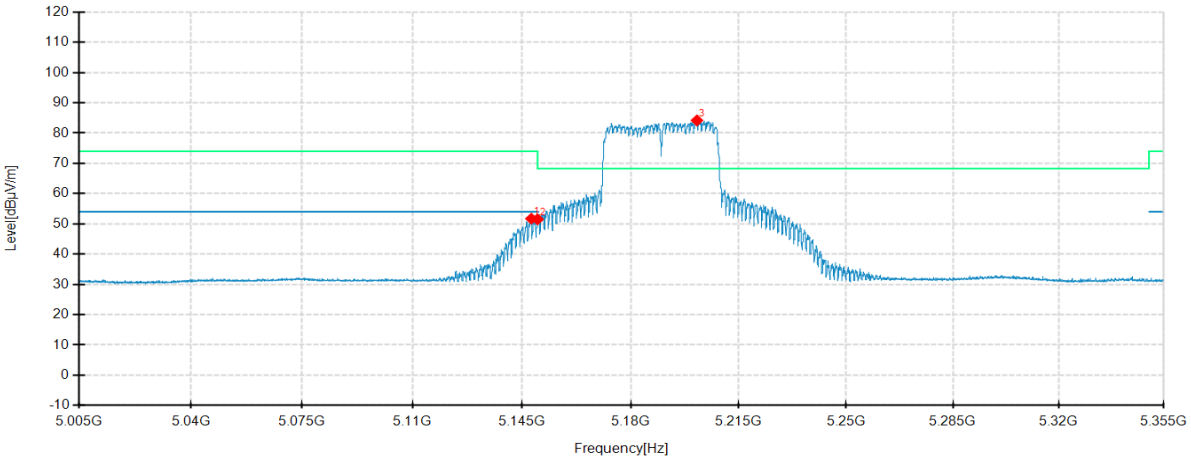



| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5148.3775 | 73.63 | 69.71 | -3.92 | 74.00 | 4.29 | 100 | 85 | Horizontal | / |
| 2 | 5150.0000 | 67.51 | 63.58 | -3.93 | 68.30 | 4.72 | 100 | 85 | Horizontal | / |
| 3 | 5184.7950 | 95.67 | 92.34 | -3.33 | 68.30 | -24.04 | 100 | 85 | Horizontal | No limit |
| 1 | 5148.5350 | 72.51 | 68.40 | -4.11 | 74.00 | 5.60 | 200 | 306 | Vertical | / |
| 2 | 5150.0000 | 66.48 | 62.35 | -4.13 | 68.30 | 5.95 | 200 | 306 | Vertical | / |
| 3 | 5204.7450 | 95.87 | 92.44 | -3.43 | 68.30 | -24.14 | 200 | 290 | Vertical | No limit |

**IEEE 802.11n HT40 mode ANT2**
**Lowest Channel**
Frequency 5190MHz
Environment: 24.3℃/56%RH/101.0kPa Voltage: DC 12V
Tested By: Zhang Zishan Date: 2024-05-10
Detector mode: Average Polarity: Horizontal




Detector mode: Average Polarity: Vertical




| No. | Frequency MHz | Reading dBµV/m | Level dBµV/m | Factor dB | Limit dBuV/m | Margin dB | Height cm | Angle ° | Pole | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.3400 | 55.72 | 51.79 | -3.93 | 54.00 | 2.21 | 100 | 265 | Horizontal | / |
| 2 | 5150.0000 | 50.55 | 46.62 | -3.93 | 54.00 | 7.38 | 200 | 157 | Horizontal | / |
| 3 | 5173.9800 | 86.91 | 83.39 | -3.52 | - | - | 100 | 265 | Horizontal | No limit |
| 1 | 5148.0100 | 55.83 | 51.73 | -4.10 | 54.00 | 2.27 | 100 | 129 | Vertical | / |
| 2 | 5150.0000 | 55.64 | 51.51 | -4.13 | 54.00 | 2.49 | 100 | 104 | Vertical | / |
| 3 | 5201.4200 | 87.58 | 84.19 | -3.39 | - | - | 100 | 129 | Vertical | No limit |