| | | | | |
|---|---|---|---|---|
| **Prüfbericht-Nr.:** *Test report no.:* | **IN24MKOD 001** | **Auftrags-Nr.:** *Order no.*: | **146919891 010** |  |
| **Kunden-Referenz-Nr.:** *Client reference no.:* | 2390953 | **Auftragsdatum:** *Order date:* | 2024-05-24 | |
| **Auftraggeber:** *Client:* | Proxim Wireless Corporation<br>2114 Ringwood Avenue, San Jose, California 95131 | | | |
| **Prüfgegenstand:** *Test item:* | EdgeAX 5GHz Radio Module | **Serien-Nr.:** *serial no.*: | Engineering Sample | |
| **Bezeichnung.:** *Identification .:* | Edge AX5 | | | |
| **Auftrags-Inhalt:** *Order content*: | Testing and issue of Test report with Grant Certificate | | | |
| **Prüfgrundlage:** *Test specification:* | FCC Part 15 Subpart C 15.247,15.207, 15.205 & 15.209, Subpart E 15.407<br>RSS 247 Issue 3 & RSS Gen Issue 5 | | | |
| **Wareneingangsdatum:** *Date of sample receipt:* | 2024-07-02 | | | |
| **Prüfmuster-Nr** *Test sample no* | A003759215-012<br>A003759215-005 | | | |
| **Prüfzeitraum:** *Testing period:* | 2024-08-05 - 2024-10-20 | | | |
| **Ort der Prüfung:** *Place of testing:* | Wireless laboratory, Bangalore | | | |
| **Prüflaboratorium:** *Testing laboratory:* | TÜV Rheinland (India) Pvt.Ltd., 27/B, 2nd Cross, Electronic City Phase1 Bangalore -560 100, India<br>FCC Test site registration number: 496599<br>ISED Test site registration number: 27711 | | | |
| **Prüfergebnis*:** *Test result*:* | Pass | | | |

| | | | |
|---|---|---|---|
| **geprüft von:** *tested by:* | | **genehmigt von:** *authorized by:* | |
| **Datum:** *Date:* **2025-01-09** | M.V. Naveen Kumar | **Ausstellatum:** *Issue date:* **2025-01-09** | Madhu K.N |
| **Stellung** / *Position:* | **M.V.Naveen Kumar**<br>**Senior Engineer** | **Stellung** / *Position:* | **Madhu K.N**<br>**Assistant Manager** |

| | |
|---|---|
| **Sonstiges** / *Other:* | FCC ID: HZB-MEGA5<br>IC: 1856A-MEGA5<br>HVIN: Megabit 5 dual |
| **Zustand des Prüfgegenstandes bei Anlieferung:** *Condition of the test item at delivery:* | Prüfmuster vollständig und unbeschädigt<br>*Test item complete and undamaged* |

| | | | | | |
|---|---|---|---|---|---|
| * Legende: | 1 = sehr gut | 2 = gut | 3 = befriedigend | 4 = ausreichend | 5 = mangelhaft |
| | P(ass) = entspricht o.g. Prüfgrundlage(n) | | F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | N/A = nicht anwendbar | N/T = nicht getestet |
| ** Legend:* | *1 = very good* | *2 = good* | *3 = satisfactory* | *4 = sufficient* | *5 = poor* |
| | *P(ass) = passed a.m. test specification(s)* | | *F(ail) = failed a.m. test specification(s)* | *N/A = not applicable* | *N/T = not tested* |

| | |
|---|---|
| **1** | Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.<br>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.<br><br>*The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.*<br>*Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.* |
| **2** | Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.<br><br>*As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.* |
| **3** | Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.<br>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.<br><br>*Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.*<br>*Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.* |
| **4** | Die Entscheidungsregel für Konformitätserklärungen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird.<br><br>*The decision rule for statements of conformity in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report.* |

# TEST SUMMARY

| Test Item | Applicable Standard | | Result |
|---|---|---|---|
| | FCC 47 CFR 15 | ISED | |
| Emission Bandwidth | 15.407 (a) & (e) | RSS Gen Issue 5 Section 6.7 RSS 247 Issue 3 Section 6.2.1.1; 6.2.4.1 | Pass |
| Frequency Stability | 15.407 (g) | RSS Gen Issue 5 Section 8.11 | Pass |
| Maximum conducted output power | 15.247 (b) & 15.407 (a) | RSS 247 Issue 3 Section 6.2.1; 6.2.4 | Pass |
| Maximum Power spectral density | 15.407 (a) | RSS 247 Issue 3 Section 6.2.2; 6.2.4 | Pass |
| Dynamic Frequency Selection | 15.407 (h) | RSS 247 Issue 3 Section 6.3 | *N/A |
| Spurious Radiated Emissions & Restricted Bands of Operation | 15.407 (b) / (15.205 &15.209) | RSS 247 Issue 3 Section 6.2.1; 6.2.4 RSS Gen Issue 5 Section 8.9 & 8.10 | Pass |
| AC Power Lines Conducted Emission | 15.207 | RSS Gen Issue 5 Section 8.8 | Pass |
| Antenna Requirement | 15.203 | - | Pass |

*N/A→ Not Applicable

*Note: The Radio Module tested in Host condition and host names mentioned below.

Host Name for Edge AX5 5GHz Radio Module is Stratum™ X3 and Stratum™ X1.

**Radio Modules to be hosted in following devices.**

SX3-1020A-US & SX3-1021A-US & SX1-1023C-US

SX3-1020A-WD & SX3-1021A-WD & SX1-1023C-WD

Product Category: Electronics Testing
Test Discipline : EMC Test Facility

# REVISION HISTORY OF THIS REPORT

| Report Number | Version | Description | Issue date |
|---|---|---|---|
| IN24MKOD 001 | 01 | Initial issue of report | 2025-01-09 |

# Table of Contents

# 1 GENERAL REMARKS

## 1.1 Attachments

All attachments are part of this test report and are issued in separate document

**1:** TEST SETUP PHOTOS

**2:** EUT EXTERNAL PHOTOS

**3:** EUT INTERNAL PHOTOS

**4:** FCC LABEL AND LABEL LOCATION

**5:** BLOCK DIAGRAM

**6:** SPECIFICATION OF EUT

**7:** SCHEMATIC DIAGRAM

**8:** BILL OF MATERIAL

**9:** USER MANUAL

**10:** MAXIMUM PERMISSIBLE EXPOSURE INFORMATION

**11:**TEST PLOTS

# 2 TEST SITES

## 2.1 Testing Facilities

1. TÜV Rheinland (India) Pvt.Ltd.,
   27/B, 2nd Cross,
   ElectronicCityPhase1
   Bangalore – 560 100,
   India
   Radiated Measurement site type :
   Fully anechoic chamber (used for above 1 GHz measurements)

2. TUV Rheinland (India) Pvt.Ltd.,
   108 , Beside ISBR Business School,
   Electronic city Phase I
   Bangalore - 560 100.
   India
   Radiated Measurement site type :
   Semi anechoic chamber (used for below 1 GHz measurements)

## 2.2 List of Test and Measurement Instruments

**Table 1: List of test and measurement instruments**

| Equipment | Manufacturer | Model Name | Serial Number | Firmware Versions | Calibration Due Date | Periodicity | Test Facility |
|---|---|---|---|---|---|---|---|
| EMI Receiver | Rohde & Schwarz | ESW 44 | 101732 | 4.73 SP5 | 17.09.2025 | Yearly | Radiated Spurious Emission |
| Active loop antenna | Frankonia | LAX-10 | LAX-10-800 | - | 23-03-2025 | Yearly | |
| Balun & Biconical Antenna | Schwarzbeck mess-elektronik | VHBB-9124 / BBA-9106 | 01028 | - | 08.02.2025 | Yearly | |
| Log-Periodic Antenna | Schwarzbeck mess-elektronik | VUSLP-9111B | 9111B-111 | - | 08.02.2025 | Yearly | |
| Horn Antenna | Schwarzbeck | BBHA 9120 D | 9120D-01944 | - | 12.11.2025 | Yearly | |
| Broadband Horn Antenna | Schwarzbeck mess-elektronik | BBHA 9120D | 2117 | - | 26.01.2025 | Yearly | |
| Horn Antenna | Schwarzbeck | BBHA 9170 | BBHA 9170-0904 | - | 15-01-2025 | Yearly | |
| EMI Test Receiver | Rohde & Schwarz | ESW44 | 101773 | 1.72.SP1 | 26.01.2025 | Yearly | |
| Semi Anechoic Chamber | Frankonia | - | - | - | - | - | |
| Fully Anechoic Chamber | Albatross | - | - | - | - | - | |
| Signal Analyzer | Rohde & Schwarz | FSV7 | 101644 | 3.40 | 09.02.2025 | Yearly | Conducted Test Parameters |
| Open Switch & Control Unit | Rohde & Schwarz | OSP120 Incl. B157 | OSP120-101323 & B157-100894 | 1.27.0.0 | 05.01.2025 | Yearly | |
| Vector Signal Generator | Rohde & Schwarz | SMBV 100A | 260789 | 4.15.125.49 | 09.02.2025 | Yearly | |
| RF and microwave Signal Generator | Rohde & Schwarz | SMB 100A | 108788 | 3.01.203.32 | 09.02.2025 | Yearly | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | 1201.0002 K50 | 3.7 | 29.11.2025 | Yearly | |
| MicroWave Switch System | KITHELEY | S46 | 1012004 | - | NA | - | |
| Vector Signal Generator | Rohde & Schwarz | SMU200 A | 100994 | - | 02.05.2025 | Yearly | |
| Fading Simulator | Rohde & Schwarz | ABFS | 100179 | - | 27.09.2025 | Yearly | |
| Spectrum Analyzer | Rohde & Schwarz | FSU26 | 200767 | - | 27.09.2025 | Yearly | |
| EMI Receiver | Rohde & Schwarz | ESR7 | 101133 | 3.48 SP3 | 16.09.2025 | Yearly | Conducted AC Power line Test |
| Two Line V-Network (LISN) | Rohde & Schwarz | ENV 216 | 100022 | - | 15-04-2025 | Yearly | |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100811 | - | 08-07-2025 | Yearly | |

**Table 2: Instrument application Software versions**

| SL. No. | Test Type | Application software | Version |
|---|---|---|---|
| 1 | Radiated spurious emission measurement in 10mtr-SAC | BAT EMC | 3.20.0.17 |
| 2 | Radiated spurious emission measurement in FAC | EMC 32 | 10.60.20 |
| 3 | Antenna Port conducted measurement: TS8997 system | WMS 32 | 10.60.20 |
| 4 | Antenna Port conducted measurement: CTE system | CTE | 52.1 |

# 3 GENERAL PRODUCT INFORMATION

## 3.1 Product Function and Intended Use

The EdgeAX 5 GHz radio module is based on 11ax WiFi standard Qualcomm chipset operating in 2x2 MIMO mode. It is designed to be used in Proxim Stratum X3 or Stratum X1 host device.

Both Stratum X3 and X1 are based on Qualcomm processor.

Differences between Stratum X3 and Stratum X1 are based on the Ethernet controller and number of available ethernet ports:

- Stratum X3 provides three 1Gbps ports
- Stratum X1 provides one 1Gbps port

The Stratum™ X3 and X1 are highly efficient radio endpoints that deliver up to one gigabit throughput in both point-to-point and multipoint wide area network configurations. Able to operate in MIMO 2x2, with either integrated or external antenna (software switchable on some variant), the Stratum™ X3 and X1 are ideally suited to backhaul, video surveillance, or multipoint deployments.

Powered by Proxim WORP® (Wireless Outdoor Router Protocol), managed via web GUI, CLI, Bluetooth- enabled Proxim BlueConnect™ and SNMP for ProximVision® Advanced, these platforms offer advanced Quality of Service, granular service level management, and very secure networking.

## 3.2 Ratings and System Details of Equipment under Test

**Table 3: Ratings and System Details as declared by the Client***

| | | |
|---|---|---|
| **Radio Protocol** | | WI-FI 5GHz |
| **Operating Frequency Range** | | UNII-1 _ 5150MHz to 5250MHz<br>UNII-3 _ 5725MHz to 5850MHz |
| **No. of Channels** | | (Refer Table 5) |
| **Channel Spacing** | | 20 MHz, 40MHz, 80MHz |
| **Modulation** | | OFDMA: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM,1024-QAM |
| **Power level index setting used** | | Refer the power levels Clause: |
| **Maximum Measured Average Power (dBm)** | | 19.95dBm@(n-20MHz, Ch-5230MHz)_Omni Antenna |
| **Number of antennas** | | 2(MIMO) |
| **Antenna Model & Gain(dBi)** | | Please refer<br><br>Table 4: Antenna Details |
| **Supply Voltage to Product** | | 36-57V DC to EUT(Through POE injector) & 110-230V AC to PoE injector |
| **Environmental Conditions** | Storage | -50°C to 70°C |
| | Operating | -40°C to 60°C |
| **EUT Dimension(L x Wx H)** | | **Radio Module** : 35.3 x 62.6 x 7.3 mm<br>**Host Device:**<br>SX3-1020A: 250 x 220 x 62 mm<br>SX3-1021A: 305 x 305 x 85 mm<br>SX1-1023C: 170 x 217 x 56 mm |

***Disclaimer**: The information/data is supplied by the client and the same is considered to arrive at the final value. Any changes made apart from the specified specification, can directly impact on the tests results. Refer the products user manual for more details.

**Table 4: Antenna Details**

| Manufacturer | Antenna Name | Antenna Model | Antenna Gain/used Frequency range |
|---|---|---|---|
| Telimart India | Omni Directional Antenna | TM55D-HVOMNI-12 | 1 X 12±0.5/ 5.15 to 5.850GHz |
| Telimart India | Dual Polarization Sector Antenna | TM55D-HVSCTR-21 | 1 X 21±0.5/ 5.15 to 5.850GHz |
| Telimart India | Dual Polarization Directional Antenna | MT-466010/NVH | 1 X 28±1.0/ 5.15 to 5.850GHz |
| Telimart India | Dish Antenna 4.9 - 5.9 GHz, Dual Polarized, | TM55L-DPDISH-35 | 1 x 35±0.5/ 5.15-5.25GHz & 5.15- 5.85GHz |
| Kingnet | 15dBi Plane Antenna For NGP_LCP | XD1C-B180B15D-01A | 15dBi 5.15-585GHz |
| SIGNAL PLUS TECHNOLOGY | Dual Polarization Integrated Panel Antenna | 4900-5900MHz Panel Antenna | 23dBi |

## 3.3 Measurement Uncertainty:

Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$

**Table 5: Measurement Uncertainty**

| Parameter | Uncertainty |
|---|---|
| Occupied Channel Bandwidth | ±5 % |
| RF output power, conducted | ±1.5 dB |
| Power Spectral Density, conducted | ±3 dB |
| Unwanted Emissions, conducted | ±3 dB |
| SAC, radiated measurement | ±6 dB |
| FAC, radiated measurement | ±6 dB |
| Temperature | ±3 ℃ |
| Supply Voltages | ±3 % |
| Time | ±5 % |

# 4 TEST SET-UP AND OPERATION MODE

## 4.1 Principle of Configuration Selection

Transmission was enabled with highest possible duty cycle on low, mid and high channels.

## 4.2 UUT Exercise Software

Hardware Name & Version : Edge AX MB PCB & 1.0

Software version : 15.05.1

Software Name: Openwrt Chaos Calmer

## 4.3 Special Accessories and Auxiliary Equipment

| **Model Name & Model Number** | **Power Adapter Ratings** |
|---|---|
| Gigabit PoE Injector<br>RP026-5601100YG/Proxim 400-00031 | Input: 100-240V˜50/60Hz 1.5A Max<br>Output: 56.0VDC 1.1A 61.6W<br>+(3,4,5,6) pins, -(1,2,7,8) pins |
| Gigabit PoE Injector<br>RP025-5600536YG/Proxim 400-00021 | Input: 100-240V˜50/60Hz 0.7A Max<br>Output: 56.0VDC 0.536A 30W<br>+(3,4,5,6) pins, -(1,2,7,8) pins |

## 4.4 Test Modes_ data rates & Modulation

- None

## 4.5 Simultaneous Transmission

- None

## 4.6 Countermeasures to achieve EMC Compliance

- None

## 4.7 List of frequencies

| Frequency Band | Channel No. | Frequency (MHz) |
|---|---|---|
| 5150–5250 MHz | 36 | 5180 |
| | 38 | 5190 |
| | 40 | 5200 |
| | 42 | 5210 |
| | 44 | 5220 |
| | 46 | 5230 |
| | 48 | 5240 |
| 5725-5850 MHz | 149 | 5745 |
| | 151 | 5755 |
| | 155 | 5775 |
| | 157 | 5785 |
| | 159 | 5795 |
| | 165 | 5825 |

**Table 6: List of Wi-Fi center Frequencies**

**Channel used for Wi-Fi Testing**

| Channel Bandwidth (20MHz) | Channel Bandwidth (40MHz) | Channel Bandwidth (80MHz) |
|---|---|---|
| 5180 | 5190 | 5210 |
| 5200 | 5230 | 5775 |
| 5240 | 5755 | - |
| 5745 | 5795 | - |
| 5785 | - | - |
| 5825 | - | - |

**Note:**

TUV Sample Identification number : A003759215-012 & A003759215-005– Radiated test Sample & Conducted test Sample

# 5 OPERATIONAL DESCRIPTION

The Edge AX1/AX3 PCBA with 5 GHz radio module is based on Qualcomm QCN6102, 802.11ax WiFi radio chipset operating in 2x2 MIMO mode. It is designed to be used in Proxim Stratum X1 (SX1) / Stratum X3 (SX3) host device. Both Stratum™ X1 and Stratum™ X3 products are based on Qualcomm IPQ5018 Dual Core ARM Cortex 64-bit A53 1.0GHz processor Maple Series. IPQ5018 is an SoC for 11ax Wi-Fi Access Points, Retail Routers and Carrier Gateways. The chip consists of a networking subsystem, and a CPU subsystem.

Differences between Stratum™ X1 and Stratum™ X3 products are based on the Ethernet controller and number of Ethernet ports available as below:

- Stratum X1 uses Qualcomm IPQ5018 built in ethernet controller and provides one 1Gbps port.
- Stratum X3 uses Qualcomm QCA8337N ethernet controller and provides three 1Gbps ports.

The Stratum™ X1 and Stratum™ X3 are highly efficient radio endpoints that deliver up to one gigabit throughput in both point-to-point and multipoint wide area network configurations. Able to operate in MIMO 2x2, with either integrated or external antenna (software switchable on some variant), the Stratum™ X1 and Stratum™ X3 are ideally suited to backhaul, video surveillance, or multipoint deployments.

Powered by Proxim WORP® (Wireless Outdoor Router Protocol), managed via web GUI, CLI, Bluetooth- enabled Proxim BlueConnect™ and SNMP for ProximVision® Advanced, these platform offer advanced Quality of Service, granular service level management, and very secure networking.

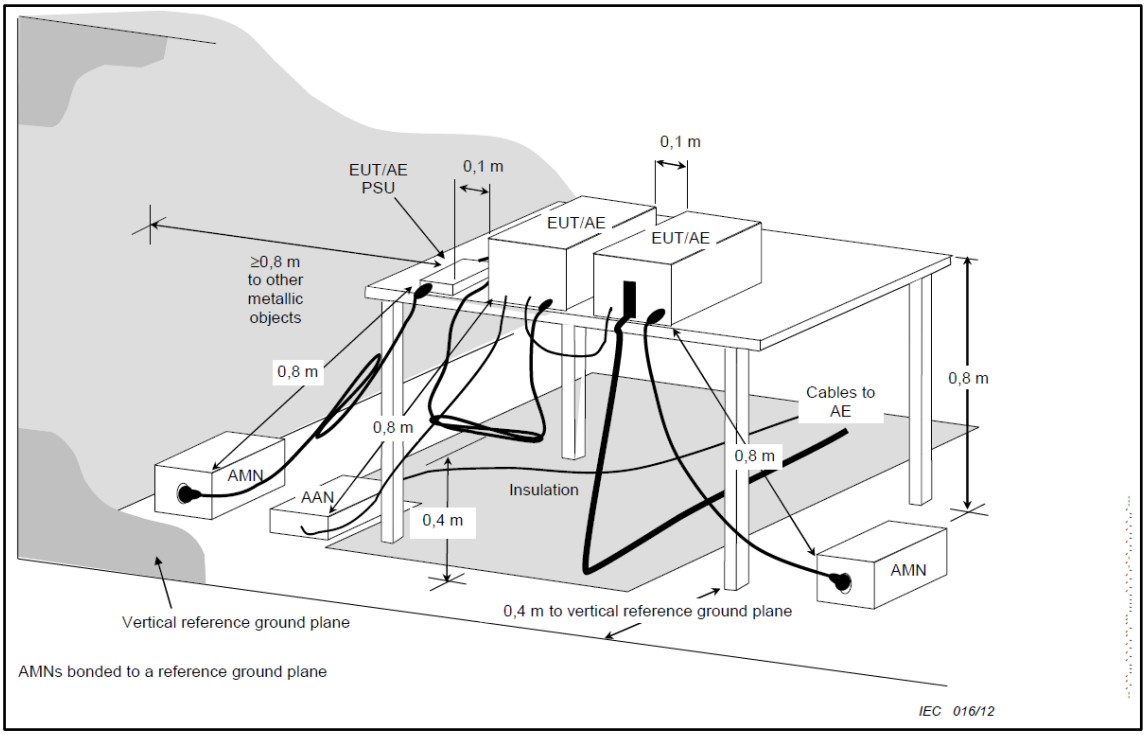
# 6 TEST METHODOLOGY

## 6.1 AC Power line Conducted Emission

Measured levels of ac power-line conducted emission across the 50Ω LISN port (to which the EUT is connected). All emission voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord by the use of mating plugs and receptacles on the LISN, if used. Equipment shall be tested with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended by the manufacturer.

The device is placed on the test table, raised 80cm above the referance ground plane. The vertical conducting plane is located 40cm to the rear of the device. AC Conducted emission measurement is made over frequency range from 150kHz to 30MHz, this measurement was performed with EUT powered with an AC adaptor with 110V AC 60Hz supply .

### 6.1.1 Test Setup Configuration



## 6.2 Radiated Emission Test

The radiated emission measurement was performed according to the procedures in ANSI C63.10-2013. The equipment under test (EUT) was placed at the middle of the 80 cm high turntable for below 1 GHz & 1.5 m height for above 1 GHz measurement, and the EUT is 3 meters far from the measuring antenna. The turntable was rotated 360˚ for obtaining the maximum emission. The height of the measuring antennas was scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained. The measurement above 1000 MHz was performed by horn antenna, The measurement below 30 MHz was performed by loop antenna, Measurement from 30 MHz to 200 MHz was performed by Baloon and Biconical Antenna, and mesurement from 200 MHz to 1 GHz was performed by Log-Periodic Antenna.

The EUT was rotated around the X-, Y-, and Z-Axis and the results from worst case axis are recorded

### 6.2.1 Test Setup Configuration

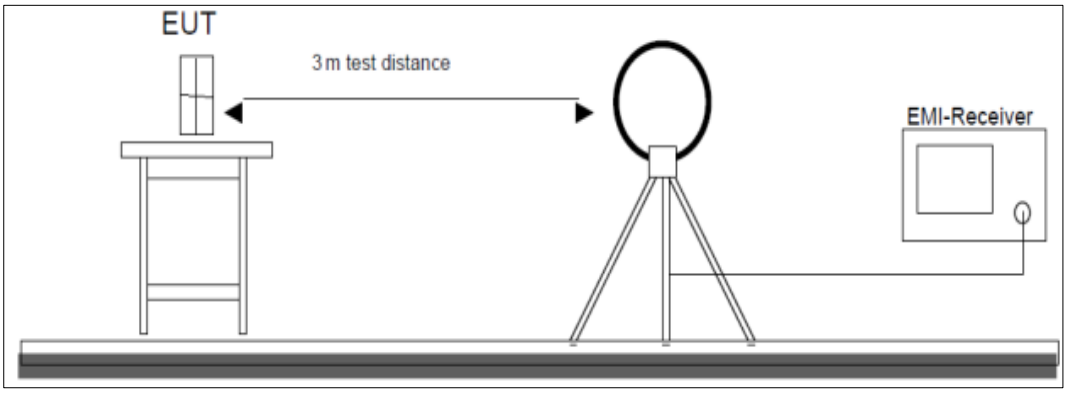



**Figure 1: Frequency Range 9 kHz- 30 MHz**

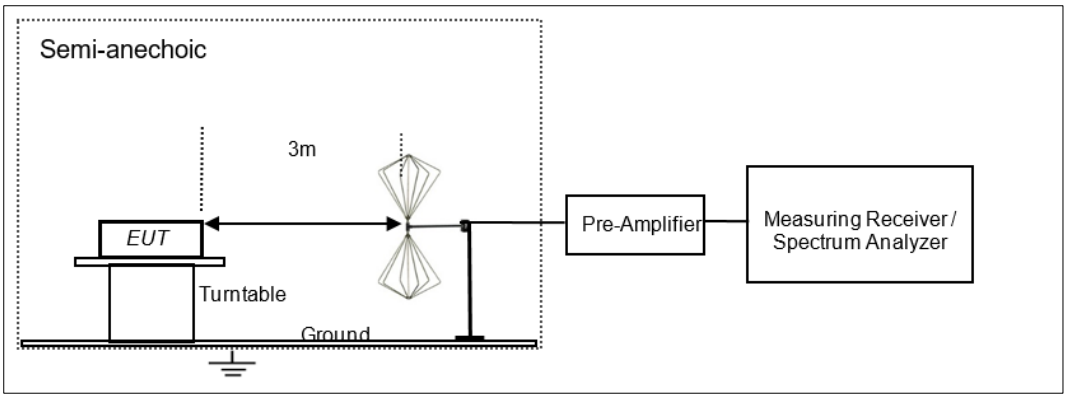



**Figure 2: Frequency Range 30 MHz – 200 MHz**

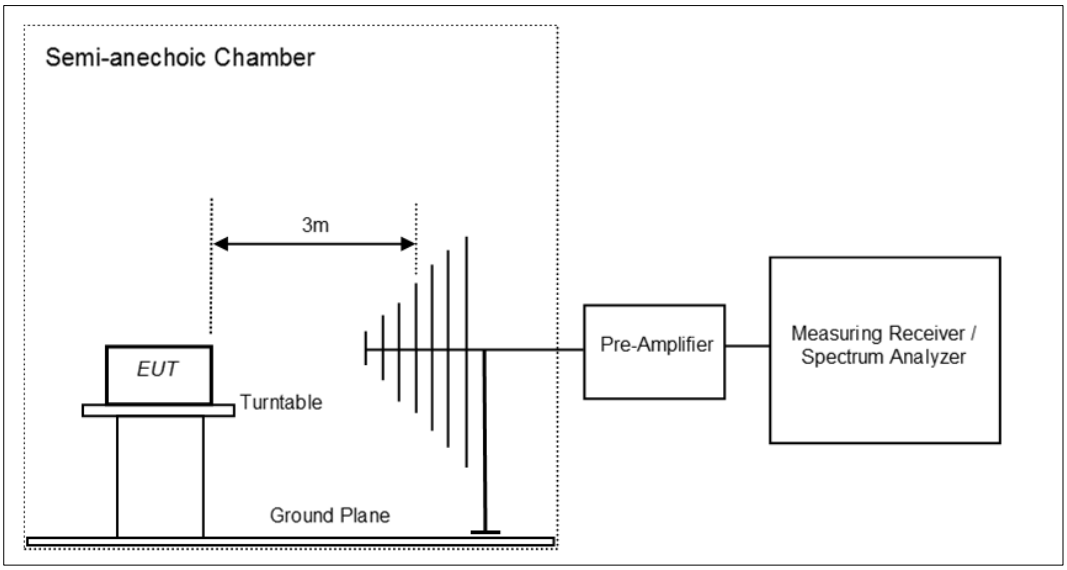



**Figure 3: Frequency Range 200 MHz - 1GHz**

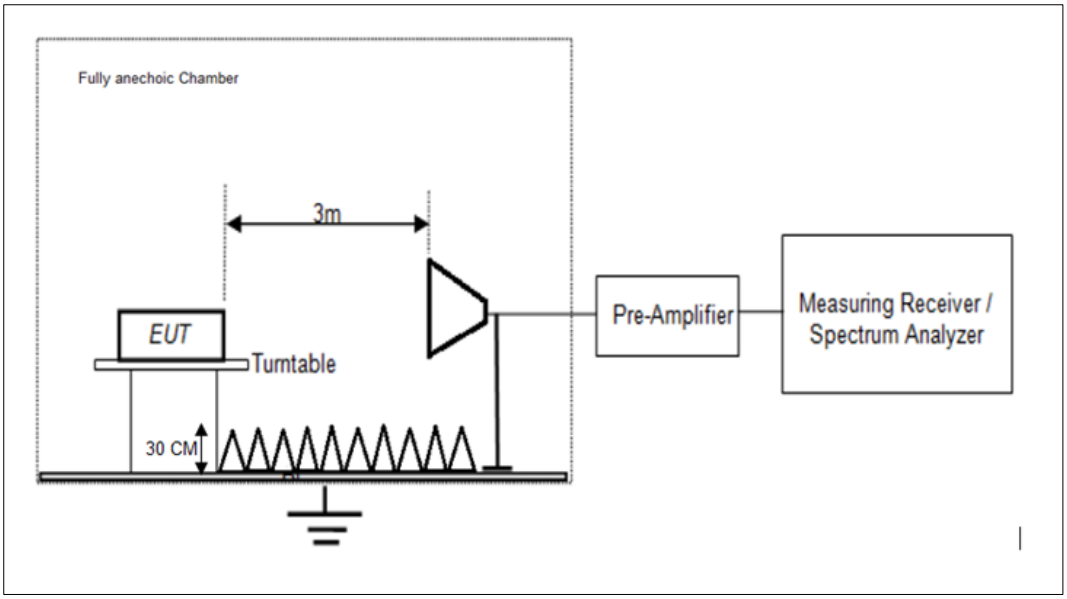



**Figure 4: Frequency Range above 1 GHz**

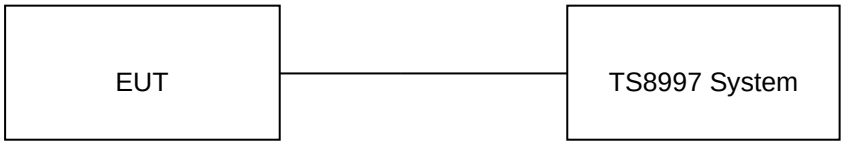
# 7 TEST RESULTS

## 7.1 Emission Bandwidth

***Result*** ***Pass***

| | |
|---|---|
| Test Specification | FCC part 15 Subpart C & E, 15.247 (a) (2), 15.407 (a) & (e)<br>RSS Gen Issue 5, section 6.7 & RSS 247 Issue 3, section 6.2.1.1 & 6.2.4.1 |
| Test Method | Subclause 12.4.1 of ANSI C63.10 for emission Bandwidth<br>Subclause 6.93 of ANSI C63.10 for Occupied channel Bandwidth |
| Measurement Bandwidth | Refer Test Method below |
| Detector | Refer Test Method below |
| Port of testing | Antenna port |
| Requirement | 1. 99% emission band width measurement for reporting purpose only in the band 5150-5250 MHz<br>2. For equipment operating in the band 5725-5850 MHz, the minimum 6 dB bandwidth shall be at least 500 kHz |

**Test Method**




**The following procedure shall be used for measuring (99%) power bandwidth:**

1. Set center frequency to the nominal EUT channel center frequency
2. Set span = 1.5 times to 5.0 times the OBW
3. Set RBW = 1% to 5% of the OBW
4. Set VBW ≥ 3 × RBW
5. Use the 99% power bandwidth function of the instrument
6. Use sample detector with single sweep mode, or use Peak detector and Max Hold mode (until the trace is stabilized)

**The following procedure shall be used for measuring 6dB or 26dB emission bandwidth:**

1. Set center frequency to the nominal EUT channel center frequency
2. Set span = 1.5 times to 5.0 times the OBW
3. Set RBW = 1% to 5% of the OBW (for 26 dB BW) & 100 kHz (for 6dB BW)
4. Set VBW ≥ 3 × RBW
5. Determine the "−xx dB down amplitude" using [(reference value) − xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument.

**Note** : All the steps in measurement method of KDB 789033 D02, ANSI C63.10 section 6.9.2 & 6.9.3, are followed

**Test Condition:**

**Normal Test Condition:**

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

**KDB Guidelines applied:**

Measurements were made as per section C & D in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

## Test results

**Note:**

1. All the losses are included during measurement
2. Testing has been performed in single chain mode condition.
3. Testing is performed with the maximum Power level setting.

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured 99% Bandwidth (MHz) | Measured 26dB Bandwiidth (MHz) | Measured 6dB Bandwidth (MHz) | Min Limit (MHz) |
|---|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 16.28 | 18.71 | - | 0.5 |
| | | | 5200 | 16.28 | 18.65 | - | 0.5 |
| | | | 5240 | 16.28 | 18.65 | - | 0.5 |
| | | UNII-3 | 5745 | 16.28 | - | 15.07 | 0.5 |
| | | | 5785 | 16.28 | - | 15.10 | 0.5 |
| | | | 5825 | 16.28 | - | 15.10 | 0.5 |
| | 54 | UNII-1 | 5180 | 16.54 | 19.93 | - | 0.5 |
| | | | 5200 | 16.54 | 19.80 | - | 0.5 |
| | | | 5240 | 16.54 | 19.80 | - | 0.5 |
| | | UNII-3 | 5745 | 16.54 | - | 16.48 | 0.5 |
| | | | 5785 | 16.54 | - | 16.44 | 0.5 |
| | | | 5825 | 16.54 | - | 16.44 | 0.5 |
| n | MCS0 | UNII-1 | 5180 | 17.44 | 20.77 | - | 0.5 |
| | | | 5200 | 17.44 | 20.38 | - | 0.5 |
| | | | 5240 | 17.44 | 20.00 | - | 0.5 |
| | | UNII-3 | 5745 | 17.44 | - | 15.01 | 0.5 |
| | | | 5785 | 17.44 | - | 13.86 | 0.5 |
| | | | 5825 | 17.44 | - | 15.04 | 0.5 |
| | MCS7 | UNII-1 | 5180 | 17.82 | 21.54 | - | 0.5 |
| | | | 5200 | 17.82 | 21.67 | - | 0.5 |
| | | | 5240 | 17.82 | 21.15 | - | 0.5 |
| | | UNII-3 | 5745 | 17.82 | - | 17.73 | 0.5 |
| | | | 5785 | 17.82 | - | 17.73 | 0.5 |
| | | | 5825 | 17.82 | - | 17.73 | 0.5 |

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured 99% Bandwidth (MHz) | Measured 26dB Bandwiidth (MHz) | Measured 6dB Bandwidth (MHz) | Min Limit (MHz) |
|---|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5180 | 17.44 | 20.38 | - | 0.5 |
| | | | 5200 | 17.50 | 20.51 | - | 0.5 |
| | | | 5240 | 17.44 | 19.87 | - | 0.5 |
| | | UNII-3 | 5745 | 17.44 | - | 15.10 | 0.5 |
| | | | 5785 | 17.50 | - | 15.07 | 0.5 |
| | | | 5825 | 17.43 | - | 15.10 | 0.5 |
| | MCS8 | UNII-1 | 5180 | 17.75 | 21.66 | - | 0.5 |
| | | | 5200 | 17.82 | 21.66 | - | 0.5 |
| | | | 5240 | 17.82 | 21.53 | - | 0.5 |
| | | UNII-3 | 5745 | 17.76 | - | 17.76 | 0.5 |
| | | | 5785 | 17.82 | - | 17.76 | 0.5 |
| | | | 5825 | 17.76 | - | 17.76 | 0.5 |
| ax | MCS0 | UNII-1 | 5180 | 18.84 | 20.89 | - | 0.5 |
| | | | 5200 | 18.84 | 20.89 | - | 0.5 |
| | | | 5240 | 18.84 | 20.89 | - | 0.5 |
| | | UNII-3 | 5745 | 18.84 | - | 15.39 | 0.5 |
| | | | 5785 | 18.84 | - | 13.98 | 0.5 |
| | | | 5825 | 18.84 | - | 15.42 | 0.5 |
| | MCS9 | UNII-1 | 5180 | 19.10 | 22.30 | - | 0.5 |
| | | | 5200 | 19.10 | 22.17 | - | 0.5 |
| | | | 5240 | 19.10 | 22.43 | - | 0.5 |
| | | UNII-3 | 5745 | 19.10 | - | 19.10 | 0.5 |
| | | | 5785 | 19.10 | - | 19.10 | 0.5 |
| | | | 5825 | 19.10 | - | 19.10 | 0.5 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured 99% Bandwidth (MHz) | Measured 26dB Bandwiidth (MHz) | Measured 6dB Bandwidth (MHz) | Min Limit (MHz) |
|---|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 35.89 | 43.33 | - | 0.5 |
| | | | 5230 | 35.76 | 43.46 | - | 0.5 |
| | | UNII-3 | 5755 | 35.89 | - | 35.07 | 0.5 |
| | | | 5795 | 35.89 | - | 35.00 | 0.5 |
| | MCS7 | UNII-1 | 5190 | 36.66 | 43.33 | - | 0.5 |
| | | | 5230 | 36.66 | 43.33 | - | 0.5 |
| | | UNII-3 | 5755 | 36.53 | - | 36.51 | 0.5 |
| | | | 5795 | 36.53 | - | 36.44 | 0.5 |
| ac | MCS0 | UNII-1 | 5190 | 35.89 | 42.69 | - | 0.5 |
| | | | 5230 | 35.76 | 42.82 | - | 0.5 |
| | | UNII-3 | 5755 | 35.76 | - | 35.04 | 0.5 |
| | | | 5795 | 35.89 | - | 33.85 | 0.5 |
| | MCS9 | UNII-1 | 5190 | 36.66 | 39.87 | - | 0.5 |
| | | | 5230 | 36.53 | 40.12 | - | 0.5 |
| | | UNII-3 | 5755 | 36.53 | - | 36.51 | 0.5 |
| | | | 5795 | 36.66 | - | 36.51 | 0.5 |

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured 99% Bandwidth (MHz) | Measured 26dB Bandwiidth (MHz) | Measured 6dB Bandwidth (MHz) | Min Limit (MHz) |
|---|---|---|---|---|---|---|---|
| ax | MCS0 | UNII-1 | 5190 | 37.56 | 40.51 | - | 0.5 |
| | | | 5230 | 37.56 | 40.38 | - | 0.5 |
| | | UNII-3 | 5755 | 37.56 | - | 35.04 | 0.5 |
| | | | 5795 | 37.56 | - | 35.42 | 0.5 |
| | MCS11 | UNII-1 | 5190 | 38.07 | 43.71 | - | 0.5 |
| | | | 5230 | 38.07 | 43.71 | - | 0.5 |
| | | UNII-3 | 5755 | 38.07 | - | 38.20 | 0.5 |
| | | | 5795 | 38.07 | - | 38.17 | 0.5 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured 99% Bandwidth (MHz) | Measured 26dB Bandwiidth (MHz) | Measured 6dB Bandwidth (MHz) | Min Limit (MHz) |
|---|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 75.00 | 80.76 | - | 0.5 |
| | | UNII-3 | 5775 | 75.00 | - | 72.52 | 0.5 |
| | MCS9 | UNII-1 | 5210 | 76.53 | 88.46 | - | 0.5 |
| | | UNII-3 | 5775 | 76.53 | - | 76.46 | 0.5 |
| ax | MCS0 | UNII-1 | 5210 | 76.92 | 81.53 | - | 0.5 |
| | | UNII-3 | 5775 | 76.92 | - | 71.23 | 0.5 |
| | MCS9 | UNII-1 | 5210 | 76.92 | 81.53 | - | 0.5 |
| | | UNII-3 | 5775 | 76.92 | - | 71.23 | 0.5 |

**Note: Refer Attached Appendix for test Plots**

## 7.2 Maximum Conducted Output Power

***Result*** ***Pass***

| | |
|---|---|
| Test Specification | FCC part 15 Subpart C 15.247(b) & Subpart E 15.407 (a) & RSS-247 Issue 3 Section 6.2.1 & 6.2.4 |
| Test Method | Subclause 12.3.3.2 of ANSI C63.10 |
| Measurement Bandwidth | Refer the remarks below |
| Detector | Average sample detector mode |
| Port of testing | Antenna port |
| Requirement for FCC | Please Refer the Below limits |

**Limits:**

**For FCC 15.407(a):**

1. For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2. For fixed point-to-point access points operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U–NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.

3. For the band 5.725–5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U–NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

**For ISED according to RSS-247 Clause 6.2**

**For Frequency band:5150MHz to 5250MHz:**

LE-LAN devices are restricted to indoor operation only in the band 5150-5250 MHz. However, original equipment manufacturer (OEM) devices, which are installed in vehicles by vehicles manufacturers, are permitted.

**Power limits**

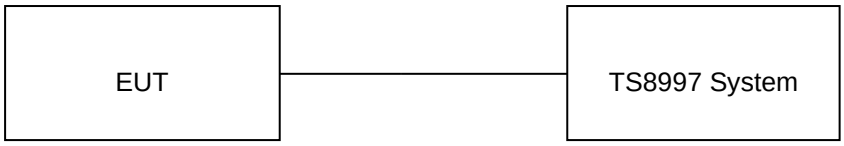
For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For other devices, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

**For Frequency band:5725MHz to 5850MHz**

The maximum conducted output power shall not exceed 1 W. The output power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint3 systems, omnidirectional applications and multiple collocated transmitters transmitting the same information

**Test Method**




**Test Condition:**

**Normal Test Condition:**

Temperature (Norm) = + 22.6 °C  Voltage = 56VDC through POE Injector  Relative humidity: 62 %

**KDB Guidelines applied:**

Measurements were made as per section E 3 sub-section (b) in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

**Test results:**

**Note:**
1. All the losses are included during measurement.

2. Testing has been performed in MIMO mode condition.

**Antenna type & Antenna Gain**: Omni Antenna & 12dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 16.85 | 24.00 | - |
| | | | 5200 | 16.96 | 24.00 | - |
| | | | 5240 | 16.81 | 24.00 | - |
| | | UNII-3 | 5745 | 16.28 | 24.00 | 24.00 |
| | | | 5785 | 17.21 | 24.00 | 24.00 |
| | | | 5825 | 17.86 | 24.00 | 24.00 |
| | 54 | UNII-1 | 5180 | 16.99 | 24.00 | - |
| | | | 5200 | 17.11 | 24.00 | - |
| | | | 5240 | 16.82 | 24.00 | - |
| | | UNII-3 | 5745 | 16.43 | 24.00 | 24.00 |
| | | | 5785 | 17.35 | 24.00 | 24.00 |
| | | | 5825 | 18.01 | 24.00 | 24.00 |
| n | MCS0 | UNII-1 | 5180 | 16.37 | 24.00 | - |
| | | | 5200 | 16.44 | 24.00 | - |
| | | | 5240 | 17.36 | 24.00 | - |
| | | UNII-3 | 5745 | 15.73 | 24.00 | 24.00 |
| | | | 5785 | 16.62 | 24.00 | 24.00 |
| | | | 5825 | 17.24 | 24.00 | 24.00 |
| | MCS7 | UNII-1 | 5180 | 16.98 | 24.00 | - |
| | | | 5200 | 17.12 | 24.00 | - |
| | | | 5240 | 17.97 | 24.00 | - |
| | | UNII-3 | 5745 | 16.33 | 24.00 | 24.00 |
| | | | 5785 | 17.23 | 24.00 | 24.00 |
| | | | 5825 | 17.77 | 24.00 | 24.00 |
| ac | MCS0 | UNII-1 | 5180 | 17.38 | 24.00 | - |
| | | | 5200 | 17.65 | 24.00 | - |
| | | | 5240 | 18.36 | 24.00 | - |
| | | UNII-3 | 5745 | 15.72 | 24.00 | 24.00 |
| | | | 5785 | 16.60 | 24.00 | 24.00 |
| | | | 5825 | 17.26 | 24.00 | 24.00 |
| | MCS8 | UNII-1 | 5180 | 17.90 | 24.00 | - |
| | | | 5200 | 18.08 | 24.00 | - |
| | | | 5240 | 18.91 | 24.00 | - |
| | | UNII-3 | 5745 | 16.23 | 24.00 | 24.00 |
| | | | 5785 | 17.12 | 24.00 | 24.00 |
| | | | 5825 | 17.68 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5180 | 17.55 | 24.00 | - |
| | | | 5200 | 17.84 | 24.00 | - |
| | | | 5240 | 18.56 | 24.00 | - |
| | | UNII-3 | 5745 | 15.98 | 24.00 | 24.00 |
| | | | 5785 | 16.84 | 24.00 | 24.00 |
| | | | 5825 | 17.43 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5180 | 18.01 | 24.00 | - |
| | | | 5200 | 18.17 | 24.00 | - |
| | | | 5240 | 19.05 | 24.00 | - |
| | | UNII-3 | 5745 | 16.35 | 24.00 | 24.00 |
| | | | 5785 | 17.22 | 24.00 | 24.00 |
| | | | 5825 | 17.78 | 24.00 | 24.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 19.35 | 24.00 | - |
| | | | **5230** | **19.95** | **24.00** | - |
| | | UNII-3 | 5755 | 17.39 | 24.00 | 24.00 |
| | | | 5795 | 17.60 | 24.00 | 24.00 |
| | MCS7 | UNII-1 | 5190 | 19.17 | 24.00 | - |
| | | | 5230 | 19.76 | 24.00 | - |
| | | UNII-3 | 5755 | 17.23 | 24.00 | 24.00 |
| | | | 5795 | 17.45 | 24.00 | 24.00 |
| ac | MCS0 | UNII-1 | 5190 | 19.23 | 24.00 | - |
| | | | 5230 | 19.82 | 24.00 | - |
| | | UNII-3 | 5755 | 17.27 | 24.00 | 24.00 |
| | | | 5795 | 17.49 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5190 | 19.35 | 24.00 | - |
| | | | 5230 | 19.94 | 24.00 | - |
| | | UNII-3 | 5755 | 17.38 | 24.00 | 24.00 |
| | | | 5795 | 17.61 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5190 | 19.19 | 24.00 | - |
| | | | 5230 | 19.75 | 24.00 | - |
| | | UNII-3 | 5755 | 17.27 | 24.00 | 24.00 |
| | | | 5795 | 17.56 | 24.00 | 24.00 |
| | MCS11 | UNII-1 | 5190 | 19.37 | 24.00 | - |
| | | | 5230 | 19.95 | 24.00 | - |
| | | UNII-3 | 5755 | 17.54 | 24.00 | 24.00 |
| | | | 5795 | 17.78 | 24.00 | 24.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 19.50 | 24.00 | - |
| | | UNII-3 | 5775 | 17.29 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5210 | 19.74 | 24.00 | - |
| | | UNII-3 | 5775 | 17.60 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5210 | 19.48 | 24.00 | - |
| | | UNII-3 | 5775 | 17.28 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5210 | 19.79 | 24.00 | - |
| | | UNII-3 | 5775 | 17.62 | 24.00 | 24.00 |

**Note:**

1. This is an Outdoor AP, and this band from 5150MHz to 5250MHz Only for FCC use
2. The duty cycle correction factor is added into the test data
3. The antenna Gain is 12dBi, the device employeed Cyclic Dealy diversity (CDD) for MIMO 802.11 transmtters per KDB 662911D01 Multiple transmitter output v02r01, for Power measurement on 802.11 devices
   Array gain =0dB(i.e., no array gain) for $N_{ANT} \leq 2$;
   So directional gain = 12dBi

**Antenna Type & Antenna Gain**: Integrated Panel Antenna & 15dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 16.13 | 30.00 | - |
| | | | 5200 | 16.19 | 30.00 | - |
| | | | 5240 | 17.00 | 30.00 | - |
| | | UNII-3 | 5745 | 16.82 | 30.00 | 30.00 |
| | | | 5785 | 17.50 | 30.00 | 30.00 |
| | | | 5825 | 18.42 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 16.15 | 30.00 | - |
| | | | 5200 | 16.24 | 30.00 | - |
| | | | 5240 | 17.03 | 30.00 | - |
| | | UNII-3 | 5745 | 16.88 | 30.00 | 30.00 |
| | | | 5785 | 17.62 | 30.00 | 30.00 |
| | | | 5825 | 18.52 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 15.56 | 30.00 | - |
| | | | 5200 | 15.54 | 30.00 | - |
| | | | 5240 | 16.38 | 30.00 | - |
| | | UNII-3 | 5745 | 16.28 | 30.00 | 30.00 |
| | | | 5785 | 16.97 | 30.00 | 30.00 |
| | | | 5825 | 17.88 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | 16.20 | 30.00 | - |
| | | | 5200 | 16.27 | 30.00 | - |
| | | | 5240 | 17.07 | 30.00 | - |
| | | UNII-3 | 5745 | 16.93 | 30.00 | 30.00 |
| | | | 5785 | 17.61 | 30.00 | 30.00 |
| | | | 5825 | 18.54 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 16.50 | 30.00 | - |
| | | | 5200 | 16.73 | 30.00 | - |
| | | | 5240 | 17.40 | 30.00 | - |
| | | UNII-3 | 5745 | 16.23 | 30.00 | 30.00 |
| | | | 5785 | 16.91 | 30.00 | 30.00 |
| | | | 5825 | 17.83 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | 17.20 | 30.00 | - |
| | | | 5200 | 17.32 | 30.00 | - |
| | | | 5240 | 18.11 | 30.00 | - |
| | | UNII-3 | 5745 | 16.90 | 30.00 | 30.00 |
| | | | 5785 | 17.58 | 30.00 | 30.00 |
| | | | 5825 | 18.53 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 16.65 | 30.00 | - |
| | | | 5200 | 16.93 | 30.00 | - |
| | | | 5240 | 17.55 | 30.00 | - |
| | | UNII-3 | 5745 | 16.44 | 30.00 | 30.00 |
| | | | 5785 | 17.15 | 30.00 | 30.00 |
| | | | 5825 | 18.10 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | 17.20 | 30.00 | - |
| | | | 5200 | 17.32 | 30.00 | - |
| | | | 5240 | 18.11 | 30.00 | - |
| | | UNII-3 | 5745 | 16.89 | 30.00 | 30.00 |
| | | | 5785 | 17.66 | 30.00 | 30.00 |
| | | | 5825 | 18.56 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 15.43 | 30.00 | - |
| | | | 5230 | 18.91 | 30.00 | - |
| | | UNII-3 | 5755 | 17.66 | 30.00 | 30.00 |
| | | | 5795 | 17.69 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | 12.44 | 30.00 | - |
| | | | 5230 | 18.81 | 30.00 | - |
| | | UNII-3 | 5755 | 17.66 | 30.00 | 30.00 |
| | | | 5795 | 17.95 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | 14.42 | 30.00 | - |
| | | | 5230 | 18.88 | 30.00 | - |
| | | UNII-3 | 5755 | 17.69 | 30.00 | 30.00 |
| | | | 5795 | 17.96 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | 12.39 | 30.00 | - |
| | | | 5230 | 18.84 | 30.00 | - |
| | | UNII-3 | 5755 | 17.69 | 30.00 | 30.00 |
| | | | 5795 | 17.99 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | 14.13 | 30.00 | - |
| | | | 5230 | 18.56 | 30.00 | - |
| | | UNII-3 | 5755 | 17.40 | 30.00 | 30.00 |
| | | | 5795 | 17.71 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | 12.46 | 30.00 | - |
| | | | 5230 | 18.86 | 30.00 | - |
| | | UNII-3 | 5755 | 17.73 | 30.00 | 30.00 |
| | | | 5795 | 18.02 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 13.14 | 30.00 | - |
| | | UNII-3 | 5775 | 17.24 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 12.78 | 30.00 | - |
| | | UNII-3 | 5775 | 17.59 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | 13.85 | 30.00 | - |
| | | UNII-3 | 5775 | 17.16 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 11.56 | 30.00 | - |
| | | UNII-3 | 5775 | 17.65 | 30.00 | 30.00 |

**Note:**

1. This is Fixed Point-point AP Application
2. The frequency band 5150MHz to 5250MHz is only for FCC Use
3. The duty cycle correction factor is added in the final test data
4. The antenna gain is 15dBi. The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 2$;
   So,
   Directional gain =15dBi for 5150MHz to 5250MHz & 5725MHz to 5850MHz

**Antenna type & Antenna Gain**: Sector Antenna & 21dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 13.72 | 30.00 | - |
| | | | 5200 | 13.76 | 30.00 | - |
| | | | 5240 | 14.31 | 30.00 | - |
| | | UNII-3 | 5745 | 15.27 | 30.00 | 30.00 |
| | | | 5785 | 16.14 | 30.00 | 30.00 |
| | | | 5825 | 16.89 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 13.86 | 30.00 | - |
| | | | 5200 | 13.77 | 30.00 | - |
| | | | 5240 | 14.39 | 30.00 | - |
| | | UNII-3 | 5745 | 15.40 | 30.00 | 30.00 |
| | | | 5785 | 16.28 | 30.00 | 30.00 |
| | | | 5825 | 17.03 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 8.97 | 30.00 | - |
| | | | 5200 | 9.60 | 30.00 | - |
| | | | 5240 | 10.05 | 30.00 | - |
| | | UNII-3 | 5745 | 14.81 | 30.00 | 30.00 |
| | | | 5785 | 15.67 | 30.00 | 30.00 |
| | | | 5825 | 16.46 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | 9.60 | 30.00 | - |
| | | | 5200 | 10.23 | 30.00 | - |
| | | | 5240 | 10.80 | 30.00 | - |
| | | UNII-3 | 5745 | 15.44 | 30.00 | 30.00 |
| | | | 5785 | 16.34 | 30.00 | 30.00 |
| | | | 5825 | 17.09 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 11.17 | 30.00 | - |
| | | | 5200 | 11.88 | 30.00 | - |
| | | | 5240 | 12.32 | 30.00 | - |
| | | UNII-3 | 5745 | 14.83 | 30.00 | 30.00 |
| | | | 5785 | 15.71 | 30.00 | 30.00 |
| | | | 5825 | 16.46 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | 11.85 | 30.00 | - |
| | | | 5200 | 12.53 | 30.00 | - |
| | | | 5240 | 13.06 | 30.00 | - |
| | | UNII-3 | 5745 | 15.48 | 30.00 | 30.00 |
| | | | 5785 | 16.34 | 30.00 | 30.00 |
| | | | 5825 | 17.10 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 11.39 | 30.00 | - |
| | | | 5200 | 12.10 | 30.00 | - |
| | | | 5240 | 12.49 | 30.00 | - |
| | | UNII-3 | 5745 | 15.10 | 30.00 | 30.00 |
| | | | 5785 | 15.94 | 30.00 | 30.00 |
| | | | 5825 | 16.73 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | 11.91 | 30.00 | - |
| | | | 5200 | 12.57 | 30.00 | - |
| | | | 5240 | 13.07 | 30.00 | - |
| | | UNII-3 | 5745 | 15.55 | 30.00 | 30.00 |
| | | | 5785 | 16.45 | 30.00 | 30.00 |
| | | | 5825 | 17.18 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 12.33 | 30.00 | - |
| | | | 5230 | 12.95 | 30.00 | - |
| | | UNII-3 | 5755 | 16.40 | 30.00 | 30.00 |
| | | | 5795 | 16.72 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | 12.26 | 30.00 | - |
| | | | 5230 | 12.89 | 30.00 | - |
| | | UNII-3 | 5755 | 16.36 | 30.00 | 30.00 |
| | | | 5795 | 16.64 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | 12.31 | 30.00 | - |
| | | | 5230 | 12.97 | 30.00 | - |
| | | UNII-3 | 5755 | 16.39 | 30.00 | 30.00 |
| | | | 5795 | 16.69 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | 12.30 | 30.00 | - |
| | | | 5230 | 12.91 | 30.00 | - |
| | | UNII-3 | 5755 | 16.36 | 30.00 | 30.00 |
| | | | 5795 | 16.73 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | 12.06 | 30.00 | - |
| | | | 5230 | 12.66 | 30.00 | - |
| | | UNII-3 | 5755 | 16.12 | 30.00 | 30.00 |
| | | | 5795 | 16.44 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | 12.31 | 30.00 | - |
| | | | 5230 | 12.93 | 30.00 | - |
| | | UNII-3 | 5755 | 16.39 | 30.00 | 30.00 |
| | | | 5795 | 16.74 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 12.39 | 30.00 | - |
| | | UNII-3 | 5775 | 10.90 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 12.64 | 30.00 | - |
| | | UNII-3 | 5775 | 11.22 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | 12.31 | 30.00 | - |
| | | UNII-3 | 5775 | 10.80 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 12.64 | 30.00 | - |
| | | UNII-3 | 5775 | 11.23 | 30.00 | 30.00 |

**Note:**

1. This is Fixed Point-point AP Application
2. The frequency band 5150MHz to 5250MHz is only for FCC Use
3. The duty cycle correction factor is added in the final test data
4. The antenna gain is 21dBi. The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices

Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 2$;
So,
Directional gain =21dBi for 5150MHz to 5250MHz & 5725MHz to 5850MHz

**Antenna Type & Antenna Gain: Integrated Panel Antenna & 23dBi**

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 14.82 | 30.00 | - |
| | | | 5200 | 14.86 | 30.00 | - |
| | | | 5240 | 15.48 | 30.00 | - |
| | | UNII-3 | 5745 | 16.25 | 30.00 | 30.00 |
| | | | 5785 | 16.91 | 30.00 | 30.00 |
| | | | 5825 | 17.91 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 14.99 | 30.00 | - |
| | | | 5200 | 14.88 | 30.00 | - |
| | | | 5240 | 15.55 | 30.00 | - |
| | | UNII-3 | 5745 | 16.38 | 30.00 | 30.00 |
| | | | 5785 | 17.00 | 30.00 | 30.00 |
| | | | 5825 | 18.03 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 10.01 | 30.00 | - |
| | | | 5200 | 10.64 | 30.00 | - |
| | | | 5240 | 11.06 | 30.00 | - |
| | | UNII-3 | 5745 | 14.44 | 30.00 | 30.00 |
| | | | 5785 | 15.40 | 30.00 | 30.00 |
| | | | 5825 | 16.44 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | 10.74 | 30.00 | - |
| | | | 5200 | 11.23 | 30.00 | - |
| | | | 5240 | 11.81 | 30.00 | - |
| | | UNII-3 | 5745 | 15.14 | 30.00 | 30.00 |
| | | | 5785 | 16.06 | 30.00 | 30.00 |
| | | | 5825 | 17.09 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 12.31 | 30.00 | - |
| | | | 5200 | 12.91 | 30.00 | - |
| | | | 5240 | 13.30 | 30.00 | - |
| | | UNII-3 | 5745 | 14.50 | 30.00 | 30.00 |
| | | | 5785 | 15.42 | 30.00 | 30.00 |
| | | | 5825 | 16.46 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | 12.97 | 30.00 | - |
| | | | 5200 | 13.48 | 30.00 | - |
| | | | 5240 | 14.00 | 30.00 | - |
| | | UNII-3 | 5745 | 15.12 | 30.00 | 30.00 |
| | | | 5785 | 16.02 | 30.00 | 30.00 |
| | | | 5825 | 17.07 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 12.50 | 30.00 | - |
| | | | 5200 | 13.11 | 30.00 | - |
| | | | 5240 | 13.59 | 30.00 | - |
| | | UNII-3 | 5745 | 14.65 | 30.00 | 30.00 |
| | | | 5785 | 15.64 | 30.00 | 30.00 |
| | | | 5825 | 16.70 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | 13.04 | 30.00 | - |
| | | | 5200 | 13.59 | 30.00 | - |
| | | | 5240 | 14.07 | 30.00 | - |
| | | UNII-3 | 5745 | 15.12 | 30.00 | 30.00 |
| | | | 5785 | 16.08 | 30.00 | 30.00 |
| | | | 5825 | 17.12 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 13.37 | 30.00 | - |
| | | | 5230 | 13.90 | 30.00 | - |
| | | UNII-3 | 5755 | 15.80 | 30.00 | 30.00 |
| | | | 5795 | 16.50 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | 13.34 | 30.00 | - |
| | | | 5230 | 13.84 | 30.00 | - |
| | | UNII-3 | 5755 | 15.81 | 30.00 | 30.00 |
| | | | 5795 | 16.43 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | 13.37 | 30.00 | - |
| | | | 5230 | 13.92 | 30.00 | - |
| | | UNII-3 | 5755 | 15.77 | 30.00 | 30.00 |
| | | | 5795 | 16.47 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | 13.35 | 30.00 | - |
| | | | 5230 | 13.87 | 30.00 | - |
| | | UNII-3 | 5755 | 15.81 | 30.00 | 30.00 |
| | | | 5795 | 16.45 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | 13.13 | 30.00 | - |
| | | | 5230 | 13.61 | 30.00 | - |
| | | UNII-3 | 5755 | 15.53 | 30.00 | 30.00 |
| | | | 5795 | 16.19 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | 13.40 | 30.00 | - |
| | | | 5230 | 13.87 | 30.00 | - |
| | | UNII-3 | 5755 | 15.87 | 30.00 | 30.00 |
| | | | 5795 | 16.48 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 13.38 | 30.00 | - |
| | | UNII-3 | 5775 | 10.48 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 13.70 | 30.00 | - |
| | | UNII-3 | 5775 | 10.84 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | 13.25 | 30.00 | - |
| | | UNII-3 | 5775 | 10.43 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 13.73 | 30.00 | - |
| | | UNII-3 | 5775 | 10.91 | 30.00 | 30.00 |

**Note:**

1. This is Fixed Point-point AP Application
2. The frequency band 5150MHz to 5250MHz is only for FCC Use
3. The duty cycle correction factor is added in the final test data
4. The antenna gain is 23dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices. Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 2$;

So, Directional gain: 23dBi for 5150MHz to 5250MHz & 5725MHz to 5850MHz

**Antenna Type & Antenna Gain: Panel Antenna & 28dBi**

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 11.78 | 25.00 | - |
| | | | 5200 | 12.17 | 25.00 | - |
| | | | 5240 | 12.59 | 25.00 | - |
| | | UNII-3 | 5745 | 14.84 | 30.00 | 30.00 |
| | | | 5785 | 15.81 | 30.00 | 30.00 |
| | | | 5825 | 16.85 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 11.89 | 25.00 | - |
| | | | 5200 | 12.23 | 25.00 | - |
| | | | 5240 | 12.71 | 25.00 | - |
| | | UNII-3 | 5745 | 14.93 | 30.00 | 30.00 |
| | | | 5785 | 15.91 | 30.00 | 30.00 |
| | | | 5825 | 16.99 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 11.29 | 25.00 | - |
| | | | 5200 | 11.69 | 25.00 | - |
| | | | 5240 | 12.13 | 25.00 | - |
| | | UNII-3 | 5745 | 14.38 | 30.00 | 30.00 |
| | | | 5785 | 15.38 | 30.00 | 30.00 |
| | | | 5825 | 16.42 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | 11.95 | 25.00 | - |
| | | | 5200 | 12.38 | 25.00 | - |
| | | | 5240 | 12.80 | 25.00 | - |
| | | UNII-3 | 5745 | 14.95 | 30.00 | 30.00 |
| | | | 5785 | 15.88 | 30.00 | 30.00 |
| | | | 5825 | 16.94 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 13.02 | 25.00 | - |
| | | | 5200 | 13.59 | 25.00 | - |
| | | | 5240 | 14.11 | 25.00 | - |
| | | UNII-3 | 5745 | 15.90 | 30.00 | 30.00 |
| | | | 5785 | 16.97 | 30.00 | 30.00 |
| | | | 5825 | 17.96 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | 13.03 | 25.00 | - |
| | | | 5200 | 13.61 | 25.00 | - |
| | | | 5240 | 14.08 | 25.00 | - |
| | | UNII-3 | 5745 | 15.90 | 30.00 | 30.00 |
| | | | 5785 | 16.95 | 30.00 | 30.00 |
| | | | 5825 | 18.00 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 12.54 | 25.00 | - |
| | | | 5200 | 13.14 | 25.00 | - |
| | | | 5240 | 13.53 | 25.00 | - |
| | | UNII-3 | 5745 | 14.48 | 30.00 | 30.00 |
| | | | 5785 | 15.50 | 30.00 | 30.00 |
| | | | 5825 | 16.59 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | 13.08 | 25.00 | - |
| | | | 5200 | 13.60 | 25.00 | - |
| | | | 5240 | 14.04 | 25.00 | - |
| | | UNII-3 | 5745 | 15.96 | 30.00 | 30.00 |
| | | | 5785 | 17.01 | 30.00 | 30.00 |
| | | | 5825 | 18.07 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | 13.37 | 25.00 | - |
| | | | 5230 | 13.91 | 25.00 | - |
| | | UNII-3 | 5755 | 16.73 | 30.00 | 30.00 |
| | | | 5795 | 17.50 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | 13.33 | 25.00 | - |
| | | | 5230 | 13.89 | 25.00 | - |
| | | UNII-3 | 5755 | 16.72 | 30.00 | 30.00 |
| | | | 5795 | 17.46 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | 13.42 | 25.00 | - |
| | | | 5230 | 13.94 | 25.00 | - |
| | | UNII-3 | 5755 | 16.69 | 30.00 | 30.00 |
| | | | 5795 | 17.49 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | 13.40 | 25.00 | - |
| | | | 5230 | 13.89 | 25.00 | - |
| | | UNII-3 | 5755 | 16.72 | 30.00 | 30.00 |
| | | | 5795 | 17.45 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | 13.01 | 25.00 | - |
| | | | 5230 | 13.63 | 25.00 | - |
| | | UNII-3 | 5755 | 16.42 | 30.00 | 30.00 |
| | | | 5795 | 17.24 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | 13.42 | 25.00 | - |
| | | | 5230 | 13.89 | 25.00 | - |
| | | UNII-3 | 5755 | 16.79 | 30.00 | 30.00 |
| | | | 5795 | 17.52 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) | Margin (dB) |
|---|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | 13.39 | 25.00 | - |
| | | UNII-3 | 5775 | 7.30 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 13.69 | 25.00 | - |
| | | UNII-3 | 5775 | 7.69 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | 13.27 | 25.00 | - |
| | | UNII-3 | 5775 | 7.23 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 13.69 | 25.00 | - |
| | | UNII-3 | 5775 | 9.52 | 30.00 | 30.00 |

***Note:**

1. This is Fixed Point-point AP Application
2. The frequency band 5150MHz to 5250MHz is only for FCC Use
3. The duty cycle correction factor is added in the final test data
4. The antenna gain is 28dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices.

Array Gain =0dB (i.e., no array gain) for NANT≤2;
So,
Directional gain: 28dBi for 5150MHz to 5250MHz & 5725MHz to 5850MHz

**Antenna Type & Antenna Gain: Dish Antenna & 35dBi**

**Bandwidth:20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) |
|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | -0.43 | 18 |
| | | | 5200 | -0.21 | 18 |
| | | | 5240 | -0.32 | 18 |
| | | UNII-3 | 5745 | 14.27 | 30 |
| | | | 5785 | 15.15 | 30 |
| | | | 5825 | 15.98 | 30 |
| | 54 | UNII-1 | 5180 | -0.81 | 18 |
| | | | 5200 | -0.56 | 18 |
| | | | 5240 | -0.63 | 18 |
| | | UNII-3 | 5745 | 14.34 | 30 |
| | | | 5785 | 15.28 | 30 |
| | | | 5825 | 16.11 | 30 |
| n | MCS0 | UNII-1 | 5180 | -0.62 | 18 |
| | | | 5200 | -0.44 | 18 |
| | | | 5240 | -0.46 | 18 |
| | | UNII-3 | 5745 | 13.76 | 30 |
| | | | 5785 | 14.71 | 30 |
| | | | 5825 | 15.53 | 30 |
| | MCS7 | UNII-1 | 5180 | -0.82 | 18 |
| | | | 5200 | -0.61 | 18 |
| | | | 5240 | -0.68 | 18 |
| | | UNII-3 | 5745 | 14.42 | 30 |
| | | | 5785 | 15.3 | 30 |
| | | | 5825 | 16.18 | 30 |
| ac | MCS0 | UNII-1 | 5180 | -0.57 | 18 |
| | | | 5200 | -0.41 | 18 |
| | | | 5240 | -0.48 | 18 |
| | | UNII-3 | 5745 | 13.84 | 30 |
| | | | 5785 | 14.68 | 30 |
| | | | 5825 | 15.55 | 30 |
| | MCS8 | UNII-1 | 5180 | -0.78 | 18 |
| | | | 5200 | -0.56 | 18 |
| | | | 5240 | -0.63 | 18 |
| | | UNII-3 | 5745 | 14.42 | 30 |
| | | | 5785 | 15.37 | 30 |
| | | | 5825 | 16.16 | 30 |
| ax | MCS0 | UNII-1 | 5180 | -0.65 | 18 |
| | | | 5200 | -0.49 | 18 |
| | | | 5240 | -0.49 | 18 |
| | | UNII-3 | 5745 | 14.06 | 30 |
| | | | 5785 | 14.92 | 30 |
| | | | 5825 | 15.74 | 30 |
| | MCS9 | UNII-1 | 5180 | -0.74 | 18 |
| | | | 5200 | -0.59 | 18 |
| | | | 5240 | -0.57 | 18 |
| | | UNII-3 | 5745 | 14.46 | 30 |
| | | | 5785 | 15.38 | 30 |
| | | | 5825 | 16.23 | 30 |

**Bandwidth:40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) |
|---|---|---|---|---|---|
| n | MCS0 | UNII-1 | 5190 | -0.87 | 18 |
| | | | 5230 | -0.83 | 18 |
| | | UNII-3 | 5755 | 15.38 | 30 |
| | | | 5795 | 15.69 | 30 |
| | MCS7 | UNII-1 | 5190 | -0.83 | 18 |
| | | | 5230 | -0.8 | 18 |
| | | UNII-3 | 5755 | 15.34 | 30 |
| | | | 5795 | 15.63 | 30 |
| ac | MCS0 | UNII-1 | 5190 | -0.77 | 18 |
| | | | 5230 | -0.72 | 18 |
| | | UNII-3 | 5755 | 15.38 | 30 |
| | | | 5795 | 15.62 | 30 |
| | MCS9 | UNII-1 | 5190 | -0.77 | 18 |
| | | | 5230 | -0.72 | 18 |
| | | UNII-3 | 5755 | 15.38 | 30 |
| | | | 5795 | 15.66 | 30 |
| ax | MCS0 | UNII-1 | 5190 | -0.75 | 18 |
| | | | 5230 | -0.66 | 18 |
| | | UNII-3 | 5755 | 15.16 | 30 |
| | | | 5795 | 15.44 | 30 |
| | MCS11 | UNII-1 | 5190 | -0.69 | 18 |
| | | | 5230 | -0.68 | 18 |
| | | UNII-3 | 5755 | 15.41 | 30 |
| | | | 5795 | 15.64 | 30 |

**Bandwidth:80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured Power (dBm) | Limit (dBm) |
|---|---|---|---|---|---|
| ac | MCS0 | UNII-1 | 5210 | -0.53 | 18 |
| | | UNII-3 | 5775 | 7.87 | 30 |
| | MCS9 | UNII-1 | 5210 | -0.88 | 18 |
| | | UNII-3 | 5775 | 8.17 | 30 |
| ax | MCS0 | UNII-1 | 5210 | -0.43 | 18 |
| | | UNII-3 | 5775 | 7.8 | 30 |
| | MCS9 | UNII-1 | 5210 | -0.64 | 18 |
| | | UNII-3 | 5775 | 8.19 | 30 |

**Note:**

1. This is Fixed Point-point AP Application
2. The frequency band 5150MHz to 5250MHz is only for FCC Use
3. The duty cycle correction factor is added in the final test data
4. The antenna gain is 35dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices. Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 2$;So,

Directional gain =35dBi

## 7.3 Maximum Power Spectral Density

***Result*** ***Pass***

| | |
|---|---|
| Test Specification | FCC part 15 Subpart E 15.407 (a) &<br>RSS-247 Issue 3 Clause 6.2.1 & 6.2.4 |
| Test Method | Subclause 12.5 of ANSI C63.10 |
| Measurement Bandwidth | 300kHz/1 MHz |
| Detector | Average sample detector |
| Port of testing | Antenna port |
| Requirement for FCC & IC | Please Refer the below the limit |

**Limits:**

For FCC 15.407(a):

1. For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
2. For fixed point-to-point access points operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U–NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

3. For the band 5.725–5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500–kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U–NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations

**According to RSS 247 Issue 3 Clause 6.2**

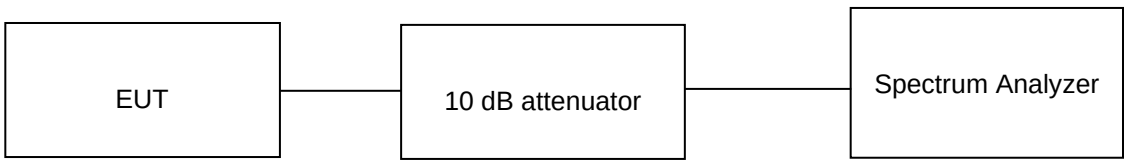
**Frequency band: 5150MHz to 5250MHz**

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.
For other devices, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

**Frequency band: 5725MHz to 5850MHz**

The maximum conducted output power shall not exceed 1 W. The output power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint3 systems, omnidirectional applications and multiple collocated transmitters transmitting the same information

**Test Method:**



**The following procedure shall be used:**

1. Set center frequency to the nominal EUT channel center frequency
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal
3. Set RBW = 1MHz (5.15-5.25 GHz band) / 500kHz (5.725-5.85 GHz band)
4. Set VBW ≥ 3 × RBW
5. Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode
8. Do not use sweep triggering. Allow the sweep to "free run."
9. Trace average at least 100 traces and Compute power by integrating the spectrum across the EBW
10. Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission)
11. If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

a. Set RBW = 300 kHz
b. Set VBW ≥ 3*RBW
c. If measurement bandwidth of Maximum PSD is specified in 500 kHz

PSD bandwidth correction Factor = 10 * log (500 kHz / RBW)

**Test Condition:**

**Normal Test Condition:**

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

**KDB Guidelines applied:**

Measurements were made as per section F in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

## Test results:

**Note:**
1. All the losses are included during measurement and final values are mentioned in the test report
2. Duty cycle correction factor is considered in Final Average power

Duty cycle Correction factor = 10*LOG (1/X) Where X is Duty Cycle

**Note: Refer Attached Appendix for test Plots**

**Antenna Type & Antenna Gain**: Omni Antenna & 12dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) Chain-1 | Measured PSD (dBm) Chain-2 | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 5.01 | 3.90 | 7.50 | 8.00 | - |
| | | | 5200 | 5.43 | 3.61 | 7.62 | 8.00 | - |
| | | | 5240 | 5.61 | 3.12 | 7.55 | 8.00 | - |
| | | UNII-3 | 5745 | 0.82 | 0.85 | 3.85 | 24.00 | 24.00 |
| | | | 5785 | 1.38 | 2.15 | 4.79 | 24.00 | 24.00 |
| | | | 5825 | 2.28 | 2.66 | 5.48 | 24.00 | 24.00 |
| | 54 | UNII-1 | 5180 | 4.24 | 3.47 | 6.88 | 8.00 | - |
| | | | 5200 | 4.86 | 2.72 | 6.93 | 8.00 | - |
| | | | 5240 | 5.34 | 4.02 | 7.74 | 8.00 | - |
| | | UNII-3 | 5745 | 0.23 | 0.33 | 3.29 | 24.00 | 24.00 |
| | | | 5785 | 0.64 | 1.96 | 4.36 | 24.00 | 24.00 |
| | | | 5825 | 1.27 | 2.01 | 4.67 | 24.00 | 24.00 |
| n | MCS0 | UNII-1 | 5180 | 4.33 | 3.06 | 6.75 | 8.00 | - |
| | | | 5200 | 4.57 | 2.82 | 6.79 | 8.00 | - |
| | | | 5240 | 5.54 | 2.71 | 7.36 | 8.00 | - |
| | | UNII-3 | 5745 | 0.24 | 0.23 | 3.25 | 24.00 | 24.00 |
| | | | 5785 | 0.60 | 1.43 | 4.05 | 24.00 | 24.00 |
| | | | 5825 | 1.55 | 2.00 | 4.79 | 24.00 | 24.00 |
| | MCS7 | UNII-1 | 5180 | 3.27 | 2.47 | 5.90 | 8.00 | - |
| | | | 5200 | 3.60 | 2.17 | 5.95 | 8.00 | - |
| | | | 5240 | 4.71 | 2.71 | 6.83 | 8.00 | - |
| | | UNII-3 | 5745 | -0.90 | -0.78 | 2.17 | 24.00 | 24.00 |
| | | | 5785 | -0.43 | 0.56 | 3.10 | 24.00 | 24.00 |
| | | | 5825 | 0.32 | 0.84 | 3.60 | 24.00 | 24.00 |
| ac | MCS0 | UNII-1 | 5180 | 4.05 | 4.12 | 7.10 | 8.00 | - |
| | | | 5200 | 4.27 | 3.74 | 7.02 | 8.00 | - |
| | | | 5240 | 5.07 | 3.84 | 7.51 | 8.00 | - |
| | | UNII-3 | 5745 | -2.49 | 0.29 | 2.13 | 24.00 | 24.00 |
| | | | 5785 | -2.13 | 1.63 | 3.16 | 24.00 | 24.00 |
| | | | 5825 | -1.08 | 2.24 | 3.90 | 24.00 | 24.00 |
| | MCS8 | UNII-1 | 5180 | 2.74 | 3.07 | 5.92 | 8.00 | - |
| | | | 5200 | 2.89 | 3.09 | 6.00 | 8.00 | - |
| | | | 5240 | 4.15 | 3.81 | 6.99 | 8.00 | - |
| | | UNII-3 | 5745 | -3.90 | -0.56 | 1.09 | 24.00 | 24.00 |
| | | | 5785 | -3.59 | 0.73 | 2.10 | 24.00 | 24.00 |
| | | | 5825 | -2.37 | 1.21 | 2.79 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5180 | 3.63 | 3.95 | 6.80 | 8.00 | - |
| | | | 5200 | 3.96 | 3.80 | 6.89 | 8.00 | - |
| | | | 5240 | 4.78 | 3.74 | 7.30 | 8.00 | - |
| | | UNII-3 | 5745 | -2.95 | 0.29 | 1.98 | 24.00 | 24.00 |
| | | | 5785 | -2.24 | 1.67 | 3.15 | 24.00 | 24.00 |
| | | | 5825 | -1.56 | 2.11 | 3.66 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5180 | 2.47 | 3.03 | 5.77 | 8.00 | - |
| | | | 5200 | 2.51 | 2.92 | 5.73 | 8.00 | - |
| | | | 5240 | 3.45 | 3.57 | 6.52 | 8.00 | - |
| | | UNII-3 | 5745 | -4.54 | -1.20 | 0.45 | 24.00 | 24.00 |
| | | | 5785 | -4.10 | 0.16 | 1.54 | 24.00 | 24.00 |
| | | | 5825 | -3.14 | 0.48 | 2.05 | 24.00 | 24.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | 3.09 | 3.01 | 6.06 | 8.00 | - |
| | | | 5230 | 3.44 | 3.16 | 6.31 | 8.00 | - |
| | | UNII-3 | 5755 | -4.19 | -0.89 | 0.78 | 24.00 | 24.00 |
| | | | 5795 | -4.13 | 0.02 | 1.43 | 24.00 | 24.00 |
| | MCS7 | UNII-1 | 5190 | 1.20 | 1.24 | 4.23 | 8.00 | - |
| | | | 5230 | 1.80 | 1.51 | 4.67 | 8.00 | - |
| | | UNII-3 | 5755 | -6.26 | -2.41 | -0.91 | 24.00 | 24.00 |
| | | | 5795 | -5.99 | -2.13 | -0.63 | 24.00 | 24.00 |
| ac | MCS0 | UNII-1 | 5190 | 2.92 | 3.11 | 6.03 | 8.00 | - |
| | | | 5230 | 3.35 | 3.21 | 6.29 | 8.00 | - |
| | | UNII-3 | 5755 | -4.30 | -0.51 | 1.01 | 24.00 | 24.00 |
| | | | 5795 | -4.27 | -0.15 | 1.27 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5190 | 1.19 | 1.42 | 4.32 | 8.00 | - |
| | | | 5230 | 1.66 | 1.60 | 4.64 | 8.00 | - |
| | | UNII-3 | 5755 | -6.14 | -2.27 | -0.78 | 24.00 | 24.00 |
| | | | 5795 | -6.16 | -2.05 | -0.63 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5190 | 2.64 | 2.78 | 5.72 | 8.00 | - |
| | | | 5230 | 2.43 | 2.91 | 5.69 | 8.00 | - |
| | | UNII-3 | 5755 | -3.96 | -1.02 | 0.76 | 24.00 | 24.00 |
| | | | 5795 | -3.94 | -0.48 | 1.14 | 24.00 | 24.00 |
| | MCS11 | UNII-1 | 5190 | 0.96 | 1.25 | 4.12 | 8.00 | - |
| | | | 5230 | 1.67 | 1.27 | 4.48 | 8.00 | - |
| | | UNII-3 | 5755 | -5.78 | -2.72 | -0.98 | 24.00 | 24.00 |
| | | | 5795 | -5.71 | -2.47 | -0.78 | 24.00 | 24.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | 0.4 | 0.29 | 3.36 | 8.00 | - |
| | | UNII-3 | 5775 | -6.84 | -3.25 | -1.67 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5210 | -1.86 | -1.28 | 1.45 | 8.00 | - |
| | | UNII-3 | 5775 | -8.94 | -5.6 | -3.95 | 24.00 | 24.00 |
| ax | MCS0 | UNII-1 | 5210 | 0.02 | -0.06 | 2.99 | 8.00 | - |
| | | UNII-3 | 5775 | -6.87 | -3.46 | -1.83 | 24.00 | 24.00 |
| | MCS9 | UNII-1 | 5210 | -2.04 | -1.84 | 1.07 | 8.00 | - |
| | | UNII-3 | 5775 | -9.1 | -5.75 | -4.10 | 24.00 | 24.00 |

**Note:**

The Maximum antenna gain is 12dBi in 5GHz band. The device employeed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices:

Array Gain =10 log($N_{ANT}/N_{SS}$) dB

So: Directional Gain = GANT + Array Gain = 12dBi+10*log(2/1)=15dBi

**Antenna type & Antenna Gain**: Integrated Panel Antenna & 15dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| a | 6 | UNII-1 | 5180 | 5.17 | 3.96 | 7.62 | 17.00 | - |
| | | | 5200 | 5.48 | 3.71 | 7.69 | 17.00 | - |
| | | | 5240 | 5.40 | 2.80 | 7.30 | 17.00 | - |
| | | UNII-3 | 5745 | 0.85 | 0.89 | 3.88 | 30.00 | 30.00 |
| | | | 5785 | 1.66 | 2.18 | 4.94 | 30.00 | 30.00 |
| | | | 5825 | 2.40 | 2.74 | 5.58 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 4.37 | 3.38 | 6.91 | 17.00 | - |
| | | | 5200 | 4.59 | 2.52 | 6.69 | 17.00 | - |
| | | | 5240 | 5.70 | 3.19 | 7.63 | 17.00 | - |
| | | UNII-3 | 5745 | -1.85 | -2.30 | 0.94 | 30.00 | 30.00 |
| | | | 5785 | 0.91 | 1.31 | 4.12 | 30.00 | 30.00 |
| | | | 5825 | 1.43 | 2.08 | 4.78 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 4.49 | 2.86 | 6.76 | 17.00 | - |
| | | | 5200 | 4.65 | 2.69 | 6.79 | 17.00 | - |
| | | | 5240 | 5.82 | 2.64 | 7.53 | 17.00 | - |
| | | UNII-3 | 5745 | 0.31 | 0.10 | 3.22 | 30.00 | 30.00 |
| | | | 5785 | 0.90 | 1.56 | 4.25 | 30.00 | 30.00 |
| | | | 5825 | 1.71 | 1.99 | 4.86 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | 3.38 | 2.33 | 5.90 | 17.00 | - |
| | | | 5200 | 3.64 | 2.11 | 5.95 | 17.00 | - |
| | | | 5240 | 4.77 | 2.65 | 6.85 | 17.00 | - |
| | | UNII-3 | 5745 | -1.01 | -0.95 | 2.03 | 30.00 | 30.00 |
| | | | 5785 | -0.47 | 0.33 | 2.96 | 30.00 | 30.00 |
| | | | 5825 | 0.48 | 0.83 | 3.67 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 5.14 | 3.84 | 7.55 | 17.00 | - |
| | | | 5200 | 5.77 | 3.54 | 7.81 | 17.00 | - |
| | | | 5240 | 6.63 | 3.77 | 8.44 | 17.00 | - |
| | | UNII-3 | 5745 | 0.12 | 0.07 | 3.11 | 30.00 | 30.00 |
| | | | 5785 | 0.74 | 1.49 | 4.14 | 30.00 | 30.00 |
| | | | 5825 | 1.62 | 1.77 | 4.71 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | 4.43 | 3.29 | 6.91 | 17.00 | - |
| | | | 5200 | 4.68 | 3.40 | 7.10 | 17.00 | - |
| | | | 5240 | 5.87 | 3.90 | 8.01 | 17.00 | - |
| | | UNII-3 | 5745 | -1.17 | -0.84 | 2.01 | 30.00 | 30.00 |
| | | | 5785 | -0.55 | 0.59 | 3.07 | 30.00 | 30.00 |
| | | | 5825 | 0.55 | 1.10 | 3.84 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 5.43 | 3.89 | 7.74 | 17.00 | - |
| | | | 5200 | 5.75 | 3.84 | 7.91 | 17.00 | - |
| | | | 5240 | 6.66 | 3.59 | 8.40 | 17.00 | - |
| | | UNII-3 | 5745 | 0.19 | 0.17 | 3.19 | 30.00 | 30.00 |
| | | | 5785 | 0.85 | 1.61 | 4.26 | 30.00 | 30.00 |
| | | | 5825 | 1.61 | 2.04 | 4.84 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | 4.12 | 3.01 | 6.61 | 17.00 | - |
| | | | 5200 | 4.47 | 3.00 | 6.81 | 17.00 | - |
| | | | 5240 | 5.58 | 3.53 | 7.69 | 17.00 | - |
| | | UNII-3 | 5745 | -1.39 | -1.20 | 1.72 | 30.00 | 30.00 |
| | | | 5785 | -0.74 | 0.22 | 2.78 | 30.00 | 30.00 |
| | | | 5825 | 0.13 | 0.66 | 3.41 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | 4.78 | 3.13 | 7.04 | 17.00 | - |
| | | | 5230 | 5.18 | 3.27 | 7.34 | 17.00 | - |
| | | UNII-3 | 5755 | -1.02 | -0.60 | 2.21 | 30.00 | 30.00 |
| | | | 5795 | -1.02 | -0.10 | 2.47 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | 2.63 | 1.17 | 4.97 | 17.00 | - |
| | | | 5230 | 3.29 | 1.43 | 5.47 | 17.00 | - |
| | | UNII-3 | 5755 | -3.14 | -2.62 | 0.14 | 30.00 | 30.00 |
| | | | 5795 | -2.88 | -2.29 | 0.44 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | 4.72 | 3.30 | 7.08 | 17.00 | - |
| | | | 5230 | 5.25 | 3.23 | 7.37 | 17.00 | - |
| | | UNII-3 | 5755 | -1.09 | -0.43 | 2.26 | 30.00 | 30.00 |
| | | | 5795 | -1.18 | -0.07 | 2.42 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | 2.75 | 1.40 | 5.14 | 17.00 | - |
| | | | 5230 | 3.40 | 1.65 | 5.62 | 17.00 | - |
| | | UNII-3 | 5755 | -2.79 | -2.29 | 0.48 | 30.00 | 30.00 |
| | | | 5795 | -2.74 | -2.07 | 0.62 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | 4.27 | 2.52 | 6.49 | 17.00 | - |
| | | | 5230 | 5.04 | 2.94 | 7.13 | 17.00 | - |
| | | UNII-3 | 5755 | -1.45 | -1.02 | 1.78 | 30.00 | 30.00 |
| | | | 5795 | -1.30 | -0.44 | 2.16 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | 2.74 | 1.36 | 5.11 | 17.00 | - |
| | | | 5230 | 3.50 | 1.22 | 5.52 | 17.00 | - |
| | | UNII-3 | 5755 | -3.27 | -2.83 | -0.03 | 30.00 | 30.00 |
| | | | 5795 | -3.17 | -2.45 | 0.22 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | 2.57 | 0.46 | 4.65 | 17.00 | - |
| | | UNII-3 | 5775 | -4.30 | -3.44 | -0.84 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 0.35 | -1.50 | 2.53 | 17.00 | - |
| | | UNII-3 | 5775 | -6.38 | -5.64 | -2.98 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | 2.05 | 0.13 | 4.21 | 17.00 | - |
| | | UNII-3 | 5775 | -4.21 | -3.59 | -0.88 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | 2.37 | 0.17 | 4.42 | 17.00 | - |
| | | UNII-3 | 5775 | -3.98 | -3.61 | -0.78 | 30.00 | 30.00 |

**Note:**

The Maximum antenna gain is 15dBi in 5GHz band. The device employeed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices:

Array Gain =10 log($N_{ANT}/N_{SS}$) dB

So: Directional Gain = GANT + Array Gain = 15dBi+10*log(2/1)=18dBi

**Antenna Type & Antenna Gain**: Sector Antenna & 21dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) Chain-1 | Measured PSD (dBm) Chain-2 | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | 7.13 | 5.77 | 9.51 | 17.00 | - |
| | | | 5200 | 7.59 | 5.72 | 9.77 | 17.00 | - |
| | | | 5240 | 8.32 | 6.06 | 10.35 | 17.00 | - |
| | | UNII-3 | 5745 | 0.91 | 0.71 | 3.82 | 30.00 | 30.00 |
| | | | 5785 | 1.51 | 2.03 | 4.79 | 30.00 | 30.00 |
| | | | 5825 | 2.35 | 2.63 | 5.50 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 2.02 | 1.00 | 4.55 | 17.00 | - |
| | | | 5200 | 2.68 | 0.61 | 4.78 | 17.00 | - |
| | | | 5240 | 3.70 | 1.14 | 5.62 | 17.00 | - |
| | | UNII-3 | 5745 | -0.98 | -1.33 | 1.86 | 30.00 | 30.00 |
| | | | 5785 | -0.53 | 0.07 | 2.79 | 30.00 | 30.00 |
| | | | 5825 | 0.29 | 0.99 | 3.66 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | 2.35 | 1.09 | 4.78 | 17.00 | - |
| | | | 5200 | 2.72 | 0.46 | 4.75 | 17.00 | - |
| | | | 5240 | 3.41 | 0.69 | 5.27 | 17.00 | - |
| | | UNII-3 | 5745 | -0.71 | -0.96 | 2.18 | 30.00 | 30.00 |
| | | | 5785 | -0.38 | 0.41 | 3.04 | 30.00 | 30.00 |
| | | | 5825 | 0.83 | 0.80 | 3.83 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | -2.67 | -3.94 | -0.25 | 17.00 | - |
| | | | 5200 | -1.81 | -3.84 | 0.30 | 17.00 | - |
| | | | 5240 | -0.86 | -3.41 | 1.06 | 17.00 | - |
| | | UNII-3 | 5745 | -1.91 | -1.96 | 1.08 | 30.00 | 30.00 |
| | | | 5785 | -1.43 | -0.50 | 2.07 | 30.00 | 30.00 |
| | | | 5825 | -0.44 | -0.12 | 2.73 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | -1.84 | -3.34 | 0.48 | 17.00 | - |
| | | | 5200 | -0.81 | -3.29 | 1.13 | 17.00 | - |
| | | | 5240 | -0.03 | -3.27 | 1.66 | 17.00 | - |
| | | UNII-3 | 5745 | -0.75 | -0.94 | 2.17 | 30.00 | 30.00 |
| | | | 5785 | -0.30 | 0.50 | 3.13 | 30.00 | 30.00 |
| | | | 5825 | 0.59 | 1.18 | 3.91 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | -0.57 | -1.87 | 1.84 | 17.00 | - |
| | | | 5200 | 0.30 | -1.53 | 2.49 | 17.00 | - |
| | | | 5240 | 1.26 | -1.01 | 3.28 | 17.00 | - |
| | | UNII-3 | 5745 | -1.98 | -1.95 | 1.05 | 30.00 | 30.00 |
| | | | 5785 | -1.56 | -0.58 | 1.97 | 30.00 | 30.00 |
| | | | 5825 | -0.52 | -0.26 | 2.62 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 0.50 | -1.11 | 2.78 | 17.00 | - |
| | | | 5200 | 1.43 | -0.95 | 3.41 | 17.00 | - |
| | | | 5240 | 1.99 | -0.99 | 3.76 | 17.00 | - |
| | | UNII-3 | 5745 | -0.70 | -0.82 | 2.25 | 30.00 | 30.00 |
| | | | 5785 | -0.25 | 0.49 | 3.15 | 30.00 | 30.00 |
| | | | 5825 | 0.66 | 1.02 | 3.85 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | -0.51 | -2.07 | 1.79 | 17.00 | - |
| | | | 5200 | 0.25 | -1.79 | 2.36 | 17.00 | - |
| | | | 5240 | 0.95 | -1.32 | 2.97 | 17.00 | - |
| | | UNII-3 | 5745 | -2.01 | -2.27 | 0.87 | 30.00 | 30.00 |
| | | | 5785 | -1.73 | -0.88 | 1.73 | 30.00 | 30.00 |
| | | | 5825 | -0.76 | -0.36 | 2.45 | 30.00 | 30.00 |

**Bandwidth:40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | -1.12 | -2.80 | 1.13 | 17.00 | - |
| | | | 5230 | -0.17 | -2.44 | 1.85 | 17.00 | - |
| | | UNII-3 | 5755 | -2.26 | -1.51 | 1.14 | 30.00 | 30.00 |
| | | | 5795 | -2.22 | -1.15 | 1.36 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | -2.96 | -4.60 | -0.69 | 17.00 | - |
| | | | 5230 | -1.99 | -4.21 | 0.05 | 17.00 | - |
| | | UNII-3 | 5755 | -4.06 | -3.64 | -0.83 | 30.00 | 30.00 |
| | | | 5795 | -3.82 | -3.22 | -0.50 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | -0.89 | -2.74 | 1.29 | 17.00 | - |
| | | | 5230 | -0.14 | -2.52 | 1.84 | 17.00 | - |
| | | UNII-3 | 5755 | -1.97 | -1.61 | 1.22 | 30.00 | 30.00 |
| | | | 5795 | -2.07 | -1.25 | 1.37 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | -2.95 | -4.44 | -0.62 | 17.00 | - |
| | | | 5230 | -2.06 | -4.13 | 0.04 | 17.00 | - |
| | | UNII-3 | 5755 | -3.97 | -3.50 | -0.72 | 30.00 | 30.00 |
| | | | 5795 | -3.98 | -3.24 | -0.58 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | -1.31 | -2.99 | 0.94 | 17.00 | - |
| | | | 5230 | -0.35 | -3.18 | 1.47 | 17.00 | - |
| | | UNII-3 | 5755 | -2.27 | -2.14 | 0.81 | 30.00 | 30.00 |
| | | | 5795 | -2.52 | -1.52 | 1.02 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | -2.87 | -4.34 | -0.53 | 17.00 | - |
| | | | 5230 | -1.95 | -4.33 | 0.03 | 17.00 | - |
| | | UNII-3 | 5755 | -4.29 | -3.71 | -0.98 | 30.00 | 30.00 |
| | | | 5795 | -4.10 | -3.34 | -0.69 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | -3.22 | -5.72 | -1.28 | 17.00 | - |
| | | UNII-3 | 5775 | -10.11 | -9.84 | -6.96 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -5.19 | -7.30 | -3.11 | 17.00 | - |
| | | UNII-3 | 5775 | -12.12 | -11.82 | -8.96 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | -3.29 | -5.70 | -1.32 | 17.00 | - |
| | | UNII-3 | 5775 | -10.22 | -10.23 | -7.21 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -5.57 | -7.81 | -3.54 | 17.00 | - |
| | | UNII-3 | 5775 | -12.10 | -11.96 | -9.02 | 30.00 | 30.00 |

**Note:**

The Maximum antenna gain is 21dBi in 5GHz band. The sector antenna has two cross polarized antennas per KDB The device employed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices:

> b) *Sectorized antenna systems*. In sectorized antenna systems in which each antenna is used to transmit different data in a different direction from the other antennas, directional gain is equal to the gain of an individual sector antenna.
>
> c) *Cross-polarized antennas*. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.
>
> (i) *Cross-polarized antennas with* $N_{ANT} = 2$. In the case of a transmitter with only two outputs driving a pair of antennas that are cross-polarized (*e.g.*, vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

So: Directional Gain = GANT = 21dBi

**Antenna Type & Antenna Gain**: Integrated Panel Antenna & 23dBi

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| a | 6 | UNII-1 | 5180 | 3.09 | 2.01 | 5.59 | 17.00 | - |
| | | | 5200 | 3.38 | 1.49 | 5.55 | 17.00 | - |
| | | | 5240 | 4.06 | 1.82 | 6.09 | 17.00 | - |
| | | UNII-3 | 5745 | -0.19 | -0.36 | 2.74 | 30.00 | 30.00 |
| | | | 5785 | 0.35 | 1.11 | 3.76 | 30.00 | 30.00 |
| | | | 5825 | 1.24 | 1.56 | 4.41 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | 2.78 | 1.13 | 5.04 | 17.00 | - |
| | | | 5200 | 2.91 | 0.31 | 4.81 | 17.00 | - |
| | | | 5240 | 3.60 | 1.28 | 5.60 | 17.00 | - |
| | | UNII-3 | 5745 | -0.58 | -1.33 | 2.07 | 30.00 | 30.00 |
| | | | 5785 | -0.60 | 0.38 | 2.93 | 30.00 | 30.00 |
| | | | 5825 | 0.49 | 0.50 | 3.51 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | -1.78 | -3.17 | 0.59 | 17.00 | - |
| | | | 5200 | -0.82 | -3.24 | 1.15 | 17.00 | - |
| | | | 5240 | -0.24 | -3.26 | 1.52 | 17.00 | - |
| | | UNII-3 | 5745 | -0.84 | -0.96 | 2.11 | 30.00 | 30.00 |
| | | | 5785 | -0.15 | 0.38 | 3.13 | 30.00 | 30.00 |
| | | | 5825 | 0.74 | 0.91 | 3.84 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | -2.62 | -4.02 | -0.25 | 17.00 | - |
| | | | 5200 | -1.73 | -3.88 | 0.34 | 17.00 | - |
| | | | 5240 | -0.98 | -3.46 | 0.96 | 17.00 | - |
| | | UNII-3 | 5745 | -1.82 | -2.12 | 1.04 | 30.00 | 30.00 |
| | | | 5785 | -1.38 | -0.62 | 2.03 | 30.00 | 30.00 |
| | | | 5825 | -0.33 | -0.11 | 2.79 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | 0.49 | -1.24 | 2.72 | 17.00 | - |
| | | | 5200 | 1.38 | -0.98 | 3.37 | 17.00 | - |
| | | | 5240 | 2.08 | -0.97 | 3.83 | 17.00 | - |
| | | UNII-3 | 5745 | -0.79 | -0.94 | 2.15 | 30.00 | 30.00 |
| | | | 5785 | 1.00 | 1.16 | 4.09 | 30.00 | 30.00 |
| | | | 5825 | 0.67 | 1.09 | 3.90 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | -0.84 | -1.79 | 1.72 | 17.00 | - |
| | | | 5200 | 0.35 | -1.38 | 2.58 | 17.00 | - |
| | | | 5240 | 1.17 | -0.99 | 3.23 | 17.00 | - |
| | | UNII-3 | 5745 | -1.93 | -1.88 | 1.11 | 30.00 | 30.00 |
| | | | 5785 | -1.48 | -0.59 | 2.00 | 30.00 | 30.00 |
| | | | 5825 | -0.46 | -0.07 | 2.75 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | 0.80 | -1.15 | 2.94 | 17.00 | - |
| | | | 5200 | 1.40 | -0.92 | 3.40 | 17.00 | - |
| | | | 5240 | 2.20 | -0.83 | 3.95 | 17.00 | - |
| | | UNII-3 | 5745 | -0.62 | -0.78 | 2.31 | 30.00 | 30.00 |
| | | | 5785 | -0.16 | 0.45 | 3.17 | 30.00 | 30.00 |
| | | | 5825 | 0.73 | 1.08 | 3.92 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | -0.76 | -2.10 | 1.63 | 17.00 | - |
| | | | 5200 | 0.05 | -1.69 | 2.28 | 17.00 | - |
| | | | 5240 | 0.78 | -1.29 | 2.88 | 17.00 | - |
| | | UNII-3 | 5745 | -2.18 | -2.24 | 0.80 | 30.00 | 30.00 |
| | | | 5785 | -1.87 | -0.77 | 1.73 | 30.00 | 30.00 |
| | | | 5825 | -0.69 | -0.28 | 2.53 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | -1.11 | -2.60 | 1.22 | 17.00 | - |
| | | | 5230 | -0.29 | -2.45 | 1.77 | 17.00 | - |
| | | UNII-3 | 5755 | -2.32 | -1.76 | 0.98 | 30.00 | 30.00 |
| | | | 5795 | -2.28 | -1.07 | 1.38 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | -3.07 | -4.55 | -0.74 | 17.00 | - |
| | | | 5230 | -2.02 | -4.13 | 0.06 | 17.00 | - |
| | | UNII-3 | 5755 | -4.21 | -3.49 | -0.82 | 30.00 | 30.00 |
| | | | 5795 | -4.00 | -3.11 | -0.52 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | -0.99 | -2.48 | 1.34 | 17.00 | - |
| | | | 5230 | -0.22 | -2.32 | 1.87 | 17.00 | - |
| | | UNII-3 | 5755 | -2.00 | -1.40 | 1.32 | 30.00 | 30.00 |
| | | | 5795 | -2.14 | -1.04 | 1.46 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | -2.83 | -4.55 | -0.60 | 17.00 | - |
| | | | 5230 | -1.93 | -4.07 | 0.14 | 17.00 | - |
| | | UNII-3 | 5755 | -3.94 | -3.29 | -0.59 | 30.00 | 30.00 |
| | | | 5795 | -3.78 | -3.12 | -0.43 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | -1.31 | -3.08 | 0.90 | 17.00 | - |
| | | | 5230 | -0.29 | -3.10 | 1.54 | 17.00 | - |
| | | UNII-3 | 5755 | -2.34 | -1.89 | 0.90 | 30.00 | 30.00 |
| | | | 5795 | -2.40 | -1.33 | 1.18 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | -2.92 | -4.40 | -0.59 | 17.00 | - |
| | | | 5230 | -1.89 | -4.07 | 0.17 | 17.00 | - |
| | | UNII-3 | 5755 | -9.09 | -8.86 | -5.96 | 30.00 | 30.00 |
| | | | 5795 | -8.92 | -8.24 | -5.56 | 30.00 | 30.00 |

**Bandwidth: 80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | -3.33 | -5.04 | -1.09 | 17.00 | - |
| | | UNII-3 | 5775 | -9.95 | -9.49 | -6.70 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -4.97 | -7.44 | -3.02 | 17.00 | - |
| | | UNII-3 | 5775 | -12.02 | -11.85 | -8.92 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | -3.40 | -5.71 | -1.39 | 17.00 | - |
| | | UNII-3 | 5775 | -10.13 | -9.86 | -6.98 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -5.61 | -7.76 | -3.54 | 17.00 | - |
| | | UNII-3 | 5775 | -12.32 | -11.95 | -9.12 | 30.00 | 30.00 |

**Note:**

This is fixed Point to point AP application and the UNII-1 Band(5150MHz to 5250MHz) only for FCC
The Maximum antenna gain is 23dBi in UNII-1 & UNII-3 band. The antenna set has two cross polarized antennas
The device employed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices:

> b) *Sectorized antenna systems*. In sectorized antenna systems in which each antenna is used to transmit different data in a different direction from the other antennas, directional gain is equal to the gain of an individual sector antenna.
>
> c) *Cross-polarized antennas*. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.
>
> (i) *Cross-polarized antennas with* $N_{ANT} = 2$. In the case of a transmitter with only two outputs driving a pair of antennas that are cross-polarized (*e.g.*, vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

So: Directional Gain = GANT = 23dBi

**Antenna Type & Antenna Gain: integrated panel Antenna & 28dBi**

**Bandwidth: 20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| a | 6 | UNII-1 | 5180 | 0.48 | -1.22 | 2.72 | 12.00 | - |
| | | | 5200 | 1.00 | -1.15 | 3.07 | 12.00 | - |
| | | | 5240 | 1.64 | -0.96 | 3.54 | 12.00 | - |
| | | UNII-3 | 5745 | -0.09 | -0.04 | 2.95 | 30.00 | 30.00 |
| | | | 5785 | 0.53 | 1.20 | 3.89 | 30.00 | 30.00 |
| | | | 5825 | 1.40 | 1.73 | 4.58 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | -0.76 | -2.11 | 1.63 | 12.00 | - |
| | | | 5200 | 0.21 | -2.20 | 2.18 | 12.00 | - |
| | | | 5240 | -0.89 | -0.98 | 2.08 | 12.00 | - |
| | | UNII-3 | 5745 | -0.22 | -0.99 | 2.42 | 30.00 | 30.00 |
| | | | 5785 | 0.67 | 2.48 | 4.68 | 30.00 | 30.00 |
| | | | 5825 | 0.59 | 1.18 | 3.91 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | -0.41 | -2.12 | 1.83 | 12.00 | - |
| | | | 5200 | 0.07 | -2.19 | 2.10 | 12.00 | - |
| | | | 5240 | 0.91 | -2.00 | 2.70 | 12.00 | - |
| | | UNII-3 | 5745 | -0.77 | -0.89 | 2.18 | 30.00 | 30.00 |
| | | | 5785 | -0.20 | 0.68 | 3.27 | 30.00 | 30.00 |
| | | | 5825 | 0.92 | 0.99 | 3.97 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | -1.46 | -2.93 | 0.88 | 12.00 | - |
| | | | 5200 | -0.85 | -2.83 | 1.28 | 12.00 | - |
| | | | 5240 | -0.02 | -2.30 | 2.00 | 12.00 | - |
| | | UNII-3 | 5745 | -1.76 | -1.86 | 1.20 | 30.00 | 30.00 |
| | | | 5785 | -1.48 | -0.62 | 1.98 | 30.00 | 30.00 |
| | | | 5825 | -0.48 | -0.20 | 2.67 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | -0.41 | -2.34 | 1.74 | 12.00 | - |
| | | | 5200 | 0.15 | -2.22 | 2.14 | 12.00 | - |
| | | | 5240 | 0.96 | -2.29 | 2.64 | 12.00 | - |
| | | UNII-3 | 5745 | -0.43 | -1.01 | 2.30 | 30.00 | 30.00 |
| | | | 5785 | 0.31 | 0.46 | 3.40 | 30.00 | 30.00 |
| | | | 5825 | 1.23 | 0.94 | 4.10 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | -1.41 | -2.89 | 0.92 | 12.00 | - |
| | | | 5200 | -0.76 | -2.71 | 1.38 | 12.00 | - |
| | | | 5240 | 0.10 | -2.29 | 2.08 | 12.00 | - |
| | | UNII-3 | 5745 | -1.33 | -1.89 | 1.41 | 30.00 | 30.00 |
| | | | 5785 | -0.86 | -0.53 | 2.32 | 30.00 | 30.00 |
| | | | 5825 | 0.39 | -0.10 | 3.16 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | -0.43 | -2.16 | 1.80 | 12.00 | - |
| | | | 5200 | 0.54 | -2.22 | 2.39 | 12.00 | - |
| | | | 5240 | 1.09 | -2.17 | 2.77 | 12.00 | - |
| | | UNII-3 | 5745 | -0.14 | -0.78 | 2.56 | 30.00 | 30.00 |
| | | | 5785 | 0.54 | 0.75 | 3.66 | 30.00 | 30.00 |
| | | | 5825 | 1.29 | 1.16 | 4.24 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | -1.67 | -3.19 | 0.65 | 12.00 | - |
| | | | 5200 | -0.98 | -3.04 | 1.12 | 12.00 | - |
| | | | 5240 | -0.19 | -2.56 | 1.80 | 12.00 | - |
| | | UNII-3 | 5745 | -1.60 | -2.24 | 1.10 | 30.00 | 30.00 |
| | | | 5785 | -1.14 | -0.77 | 2.06 | 30.00 | 30.00 |
| | | | 5825 | -0.09 | -0.30 | 2.82 | 30.00 | 30.00 |

**Bandwidth: 40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | -2.01 | -3.94 | 0.14 | 12.00 | - |
| | | | 5230 | -1.12 | -3.68 | 0.80 | 12.00 | - |
| | | UNII-3 | 5755 | -1.56 | -1.57 | 1.45 | 30.00 | 30.00 |
| | | | 5795 | -1.53 | -1.16 | 1.67 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | -3.88 | -5.78 | -1.72 | 12.00 | - |
| | | | 5230 | -3.13 | -5.48 | -1.14 | 12.00 | - |
| | | UNII-3 | 5755 | -3.41 | -3.34 | -0.36 | 30.00 | 30.00 |
| | | | 5795 | -3.21 | -3.06 | -0.12 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | -2.01 | -3.97 | 0.13 | 12.00 | - |
| | | | 5230 | -1.19 | -3.67 | 0.75 | 12.00 | - |
| | | UNII-3 | 5755 | -1.29 | -1.33 | 1.70 | 30.00 | 30.00 |
| | | | 5795 | -1.56 | -1.16 | 1.65 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | -3.88 | -5.89 | -1.76 | 12.00 | - |
| | | | 5230 | -3.03 | -5.56 | -1.10 | 12.00 | - |
| | | UNII-3 | 5755 | -3.48 | -3.47 | -0.46 | 30.00 | 30.00 |
| | | | 5795 | -3.20 | -3.15 | -0.16 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | -2.33 | -4.31 | -0.20 | 12.00 | - |
| | | | 5230 | -1.35 | -4.05 | 0.52 | 12.00 | - |
| | | UNII-3 | 5755 | -1.87 | -2.02 | 1.07 | 30.00 | 30.00 |
| | | | 5795 | -1.92 | -1.55 | 1.28 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | -4.11 | -5.83 | -1.88 | 12.00 | - |
| | | | 5230 | -3.01 | -5.62 | -1.11 | 12.00 | - |
| | | UNII-3 | 5755 | -3.60 | -3.68 | -0.63 | 30.00 | 30.00 |
| | | | 5795 | -3.43 | -3.24 | -0.32 | 30.00 | 30.00 |

**Bandwidth:80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | -4.28 | -6.61 | -2.28 | 12.00 | - |
| | | UNII-3 | 5775 | -12.55 | -12.46 | -9.49 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -6.56 | -8.55 | -4.43 | 12.00 | - |
| | | UNII-3 | 5775 | -14.65 | -14.93 | -11.78 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | -4.42 | -6.95 | -2.49 | 12.00 | - |
| | | UNII-3 | 5775 | -12.68 | -12.90 | -9.78 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -6.63 | -9.07 | -4.67 | 12.00 | - |
| | | UNII-3 | 5775 | -14.75 | -14.98 | -11.85 | 30.00 | 30.00 |

**Note:**

1. This is fixed Point to point AP application and the UNII-1 Band(5150MHz to 5250MHz) only for FCC
2. The Maximum antenna gain is 28dBi in UNII-1 & UNII-3 band. The antenna set has two cross polarized antennas The device employed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices:

> b) *Sectorized antenna systems*. In sectorized antenna systems in which each antenna is used to transmit different data in a different direction from the other antennas, directional gain is equal to the gain of an individual sector antenna.
>
> c) *Cross-polarized antennas*. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.
>
> (i) *Cross-polarized antennas with* $N_{ANT} = 2$. In the case of a transmitter with only two outputs driving a pair of antennas that are cross-polarized (*e.g.*, vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

So: Directional Gain = GANT = 28dBi

**Antenna type & Antenna Gain: Dish Antenna & 35dBi**

**Bandwidth:20MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) Chain-1 | Measured PSD (dBm) Chain-2 | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| a | 6 | UNII-1 | 5180 | -12.64 | -11.10 | -8.79 | 5.00 | - |
| | | | 5200 | -12.60 | -11.10 | -8.78 | 5.00 | - |
| | | | 5240 | -12.70 | -11.18 | -8.86 | 5.00 | - |
| | | UNII-3 | 5745 | -0.96 | -1.33 | 1.87 | 30.00 | 30.00 |
| | | | 5785 | -0.75 | 0.13 | 2.72 | 30.00 | 30.00 |
| | | | 5825 | 0.38 | 0.64 | 3.52 | 30.00 | 30.00 |
| | 54 | UNII-1 | 5180 | -14.04 | -12.81 | -10.37 | 5.00 | - |
| | | | 5200 | -13.99 | -11.92 | -9.82 | 5.00 | - |
| | | | 5240 | -13.21 | -12.33 | -9.74 | 5.00 | - |
| | | UNII-3 | 5745 | -2.10 | -2.04 | 0.94 | 30.00 | 30.00 |
| | | | 5785 | -0.93 | -0.82 | 2.14 | 30.00 | 30.00 |
| | | | 5825 | -0.68 | 0.24 | 2.81 | 30.00 | 30.00 |
| n | MCS0 | UNII-1 | 5180 | -13.03 | -11.80 | -9.36 | 5.00 | - |
| | | | 5200 | -13.11 | -11.67 | -9.32 | 5.00 | - |
| | | | 5240 | -13.26 | -11.63 | -9.36 | 5.00 | - |
| | | UNII-3 | 5745 | -1.68 | -2.15 | 1.10 | 30.00 | 30.00 |
| | | | 5785 | -1.38 | -0.54 | 2.07 | 30.00 | 30.00 |
| | | | 5825 | 0.01 | 0.32 | 3.18 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5180 | -14.91 | -13.41 | -11.09 | 5.00 | - |
| | | | 5200 | -13.99 | -13.87 | -10.92 | 5.00 | - |
| | | | 5240 | -1.54 | -13.10 | -1.25 | 5.00 | - |
| | | UNII-3 | 5745 | -2.80 | -3.15 | 0.04 | 30.00 | 30.00 |
| | | | 5785 | -2.60 | -1.61 | 0.93 | 30.00 | 30.00 |
| | | | 5825 | -1.30 | -1.20 | 1.76 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5180 | -13.12 | -11.50 | -9.22 | 5.00 | - |
| | | | 5200 | -11.40 | -9.33 | -7.23 | 5.00 | - |
| | | | 5240 | -11.74 | -9.47 | -7.45 | 5.00 | - |
| | | UNII-3 | 5745 | -1.63 | -2.00 | 1.20 | 30.00 | 30.00 |
| | | | 5785 | -1.43 | -0.38 | 2.14 | 30.00 | 30.00 |
| | | | 5825 | -0.32 | 0.03 | 2.87 | 30.00 | 30.00 |
| | MCS8 | UNII-1 | 5180 | -14.84 | -13.41 | -11.06 | 5.00 | - |
| | | | 5200 | -14.86 | -13.06 | -10.86 | 5.00 | - |
| | | | 5240 | -14.48 | -12.97 | -10.65 | 5.00 | - |
| | | UNII-3 | 5745 | -2.99 | -3.18 | -0.07 | 30.00 | 30.00 |
| | | | 5785 | -2.71 | -1.66 | 0.86 | 30.00 | 30.00 |
| | | | 5825 | -1.41 | -1.07 | 1.77 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5180 | -13.33 | -11.82 | -9.50 | 5.00 | - |
| | | | 5200 | -13.29 | -11.77 | -9.45 | 5.00 | - |
| | | | 5240 | -13.31 | -12.13 | -9.67 | 5.00 | - |
| | | UNII-3 | 5745 | -1.61 | -1.95 | 1.23 | 30.00 | 30.00 |
| | | | 5785 | -1.25 | -0.58 | 2.11 | 30.00 | 30.00 |
| | | | 5825 | -0.33 | 0.08 | 2.89 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5180 | -15.13 | -13.70 | -11.35 | 5.00 | - |
| | | | 5200 | -15.08 | -13.38 | -11.14 | 5.00 | - |
| | | | 5240 | -14.97 | -13.44 | -11.13 | 5.00 | - |
| | | UNII-3 | 5745 | -3.24 | -3.34 | -0.28 | 30.00 | 30.00 |
| | | | 5785 | -2.93 | -1.88 | 0.64 | 30.00 | 30.00 |
| | | | 5825 | -1.78 | -1.39 | 1.43 | 30.00 | 30.00 |

**Bandwidth:40MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| n | MCS0 | UNII-1 | 5190 | -15.76 | -14.59 | -12.13 | 5.00 | - |
| | | | 5230 | -15.99 | -14.36 | -12.09 | 5.00 | - |
| | | UNII-3 | 5755 | -3.07 | -2.75 | 0.10 | 30.00 | 30.00 |
| | | | 5795 | -3.33 | -2.20 | 0.28 | 30.00 | 30.00 |
| | MCS7 | UNII-1 | 5190 | -17.84 | -16.51 | -14.11 | 5.00 | - |
| | | | 5230 | -17.89 | -16.29 | -14.01 | 5.00 | - |
| | | UNII-3 | 5755 | -5.16 | -4.71 | -1.92 | 30.00 | 30.00 |
| | | | 5795 | -5.12 | -4.30 | -1.68 | 30.00 | 30.00 |
| ac | MCS0 | UNII-1 | 5190 | -15.82 | -14.49 | -12.09 | 5.00 | - |
| | | | 5230 | -16.15 | -14.42 | -12.19 | 5.00 | - |
| | | UNII-3 | 5755 | -3.22 | -2.48 | 0.18 | 30.00 | 30.00 |
| | | | 5795 | -3.23 | -2.16 | 0.35 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5190 | -17.86 | -16.46 | -14.09 | 5.00 | - |
| | | | 5230 | -17.91 | -16.34 | -14.04 | 5.00 | - |
| | | UNII-3 | 5755 | -5.27 | -4.53 | -1.87 | 30.00 | 30.00 |
| | | | 5795 | -5.05 | -4.19 | -1.59 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5190 | -16.12 | -14.72 | -12.35 | 5.00 | - |
| | | | 5230 | -16.11 | -14.54 | -12.24 | 5.00 | - |
| | | UNII-3 | 5755 | -3.66 | -3.16 | -0.39 | 30.00 | 30.00 |
| | | | 5795 | -3.65 | -2.57 | -0.07 | 30.00 | 30.00 |
| | MCS11 | UNII-1 | 5190 | -17.78 | -16.29 | -13.96 | 5.00 | - |
| | | | 5230 | -17.93 | -16.20 | -13.97 | 5.00 | - |
| | | UNII-3 | 5755 | -5.38 | -4.68 | -2.01 | 30.00 | 30.00 |
| | | | 5795 | -5.32 | -4.26 | -1.75 | 30.00 | 30.00 |

**Bandwidth:80MHz**

| Mode | Data Rate | Band | Channel Frequency (MHz) | Measured PSD (dBm) | Measured PSD (dBm) | Measured Final PSD with DCCF (dBm) | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Chain-1 | Chain-2 | | | |
| ac | MCS0 | UNII-1 | 5210 | -17.96 | -16.99 | -14.44 | 5.00 | - |
| | | UNII-3 | 5775 | -13.26 | -12.62 | -9.92 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -20.68 | -19.29 | -16.92 | 5.00 | - |
| | | UNII-3 | 5775 | -15.21 | -14.88 | -12.03 | 30.00 | 30.00 |
| ax | MCS0 | UNII-1 | 5210 | -18.07 | -16.72 | -14.33 | 5.00 | - |
| | | UNII-3 | 5775 | -13.25 | -13.18 | -10.20 | 30.00 | 30.00 |
| | MCS9 | UNII-1 | 5210 | -20.96 | -19.50 | -17.16 | 5.00 | - |
| | | UNII-3 | 5775 | -15.43 | -14.97 | -12.18 | 30.00 | 30.00 |

**Note:**

1. This is fixed Point to point AP application and the UNII-1 Band(5150MHz to 5250MHz) only for FCC
2. The Maximum antenna gain is 35dBi in UNII-1 & UNII-3 band. The antenna set has two cross polarized antennas The device employed cyclic delay diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power Spectral Density (PSD) measurements on the devices.

> b) *Sectorized antenna systems*. In sectorized antenna systems in which each antenna is used to transmit different data in a different direction from the other antennas, directional gain is equal to the gain of an individual sector antenna.
>
> c) *Cross-polarized antennas*. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.
>
> (i) *Cross-polarized antennas with* $N_{ANT} = 2$. In the case of a transmitter with only two outputs driving a pair of antennas that are cross-polarized (*e.g.*, vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

So: Directional Gain = GANT = 35dBi

## 7.4 Spurious Radiated Emissions & Restricted Bands of Operation

***Result*** ***Pass***

| | |
|---|---|
| Test Specification | FCC part 15 Subpart E Section 15.407 (b) (15.205 & 15.209) & RSS 247 Issue 3 Section 6.2.1 & 6.2.4 / RSS Gen Issue 5 Section 8.9 & 8.10 |
| Test Method | ANSI C63.10 – 2013 |
| Measurement Bandwidth | 100kHz for below 1GHz<br>1MHz for above 1GHz |
| Measurement Location | Semi Anechoic Chamber 30MHz - 1 GHz<br>Fully Anechoic Chamber 1 GHz - 40GHz |
| Measuring Distance | 3 m |
| Detector | Refer Remark |
| Requirement | As per the limits mentioned in the below table |
| Test setup | Refer TEST METHODOLOGY |

**Limit:**

**Table 7: Undesirable emission limits**

**As per FCC Part15 Subaprt E 15.407(b)**

(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 solely in the 5.725–5.850 GHz band:

(i) 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.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

(3) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(4) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.

**According to RSS-247 Clause 6.2**

**Frequency range 5150MHz to 5250MHz**

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band**.**

**Frequency range 5745MHz to 5850MHz**

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:
a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

**Table 8: Transmitter limits for Radiated emission**

| Frequency (MHz) | Field strength (µV/m) | Field strength (dBµV/m) | Distance of Measurement (m) |
|---|---|---|---|
| 0.009 – 0.490 | 2400/F(kHz) | 48.50 – 13.80 | 300* |
| 0.490 – 1.705 | 24000/F(kHz) | 33.80 – 23.00 | 30* |
| 1.705 -30 | 30 | 29.54 | 30* |
| 30-88 | 100 | 40.0 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46.0 | 3 |
| Above 960 | 500 | 54.0 | 3 |

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBµV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

**Test Condition:**

**Normal Test Condition:**

Temperature (Norm) = + 23.2 °C  Voltage = 56VDC through POE Injector  Relative humidity: 62 %

**Test results:**

Note:All the losses are included during measurement and final values are mentioned in the test report. Refer TEST METHODOLOGY for more details

**Test results for Frequency range : 9kHz – 30MHz**

No Emissions found in the frequency range 9kHz – 30MHz

**Test results for frequency range 30MHz – 1GHz**

| Antenna Polarization | Measured Frequency (MHz) | Measured emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|
| Vertical | 31.13(QP) | 33.91 | 40.00 | -6.09 |
| | 36.12(PK) | 26.10 | 40.00 | -13.90 |
| | 60.27(PK) | 29.70 | 40.00 | -10.30 |
| | 86.67(QP) | 39.09 | 40.00 | -0.91 |
| | 412.97(PK) | 42.90 | 46.00 | -3.10 |
| | 544.02(QP) | 42.81 | 46.00 | -3.19 |
| | 622.34(QP) | 38.61 | 46.00 | -7.39 |
| | 636.86(QP) | 41.51 | 46.00 | -4.49 |
| Horizontal | 31.44(PK) | 25.90 | 40.00 | -14.10 |
| | 72.24(PK) | 24.60 | 40.00 | -15.40 |
| | 86.70(QP) | 37.13 | 40.00 | -2.87 |
| | 181.62(PK) | 35.80 | 43.50 | -7.70 |
| | 412.30(QP) | 44.44 | 46.00 | -1.56 |
| | 545.95(QP) | 41.18 | 46.00 | -4.82 |
| | 569.66(QP) | 37.40 | 46.00 | -8.60 |
| | 687.53(QP) | 43.94 | 46.00 | -2.06 |

**Test results for frequency range – 1GHz to 40 GHz**

**Antenna Type & Antenna Gain**: Omni Antenna & 12dBi

**Modulation: 802.11a**
**Data rate: 6Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 109.95 | - | - |
| | 5180 (Av) | | 100.57 | - | - |
| | 5150 (Pk) | | 51.32 | 74.00* | -22.68 |
| | 5150 (Av) | | 37.92 | 54.00* | -16.08 |
| | 10360 (Pk) | | 52.36 | 68.23 | -15.87 |
| | 10360 (Av) | | 39.92 | 54.00 | -14.08 |
| | 15540 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 15540 (Av) | | 41.24 | 54.00 | -12.76 |
| | 5180 (Pk) | Horizontal | 106.52 | - | - |
| | 5180 (Av) | | 96.52 | - | - |
| | 5150 (Pk) | | 47.65 | 74.00* | -26.35 |
| | 5150 (Av) | | 34.03 | 54.00* | -19.97 |
| | 10360 (Pk) | | 52.49 | 68.23 | -15.74 |
| | 10360 (Av) | | 40.03 | 54.00 | -13.97 |
| | 15540 (Pk) | | 53.47 | 68.23 | -14.76 |
| | 15540 (Av) | | 41.31 | 54.00 | -12.69 |
| 5200 | 5200 (Pk) | Vertical | 108.94 | - | - |
| | 5200 (Av) | | 99.61 | - | - |
| | 5150 (Pk) | | 45.34 | 74.00* | -28.66 |
| | 5150 (Av) | | 32.73 | 54.00* | -21.27 |
| | 10400 (Pk) | | 52.71 | 68.23 | -15.52 |
| | 10400 (Av) | | 40.49 | 54.00 | -13.51 |
| | 15600 (Pk) | | 51.99 | 68.23 | -16.24 |
| | 15600 (Av) | | 40.42 | 54.00 | -13.58 |
| | 5200 (Pk) | Horizontal | 104.46 | - | - |
| | 5200 (Av) | | 94.88 | - | - |
| | 5150 (Pk) | | 43.87 | 74.00* | -30.13 |
| | 5150 (Av) | | 30.82 | 54.00* | -23.18 |
| | 10400 (Pk) | | 51.95 | 68.23 | -16.28 |
| | 10400 (Av) | | 40.22 | 54.00 | -13.78 |
| | 15600 (Pk) | | 52.26 | 68.23 | -15.97 |
| | 15600 (Av) | | 40.31 | 54.00 | -13.69 |
| 5240 | 5240 (Pk) | Vertical | 106.13 | - | - |
| | 5240 (Av) | | 96.68 | - | - |
| | 5350 (Pk) | | 43.76 | 74.00* | -30.24 |
| | 5350 (Av) | | 31.58 | 54.00* | -22.42 |
| | 10480 (Pk) | | 52.60 | 68.23 | -15.63 |
| | 10480 (Av) | | 40.65 | 54.00 | -13.35 |
| | 15720 (Pk) | | 51.97 | 68.23 | -16.26 |
| | 15720 (Av) | | 38.88 | 54.00 | -15.12 |
| | 5240 (Pk) | Horizontal | 110.30 | - | - |
| | 5240 (Av) | | 100.98 | - | - |
| | 5350 (Pk) | | 46.82 | 74.00* | -27.18 |
| | 5350 (Av) | | 34.23 | 54.00* | -19.77 |
| | 10480 (Pk) | | 53.26 | 68.23 | -14.97 |
| | 10480 (Av) | | 40.88 | 54.00 | -13.12 |
| | 15720 (Pk) | | 51.27 | 68.23 | -16.96 |
| | 15720 (Av) | | 38.95 | 54.00 | -15.05 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 105.84 | - | - |
| | 5745 (Av) | | 96.50 | - | - |
| | 5725(Pk) | | 48.59 | 122.20* | -73.61 |
| | 5720(Pk) | | 46.55 | 110.80* | -64.25 |
| | 5700(Pk) | | 43.96 | 105.20* | -61.24 |
| | 5650(Pk) | | 43.81 | 68.20* | -24.39 |
| | 11490 (Pk) | | 58.08 | 68.23 | -10.15 |
| | 11490 (Av) | | 45.58 | 54.00 | -8.42 |
| | 17235 (Pk) | | 55.90 | 68.23 | -12.33 |
| | 17235 (Av) | | 43.04 | 54.00 | -10.96 |
| | 5745 (Pk) | Horizontal | 101.78 | - | - |
| | 5745 (Av) | | 92.62 | - | - |
| | 5725(Pk) | | 45.88 | 122.20* | -76.32 |
| | 5720(Pk) | | 44.28 | 110.80* | -66.52 |
| | 5700(Pk) | | 42.58 | 105.20* | -62.62 |
| | 5650(Pk) | | 46.41 | 68.20* | -21.79 |
| | 11490 (Pk) | | 55.89 | 68.23 | -12.34 |
| | 11490 (Av) | | 43.44 | 54.00 | -10.56 |
| | 17235 (Pk) | | 55.66 | 68.23 | -12.57 |
| | 17235 (Av) | | 42.93 | 54.00 | -11.07 |
| 5785 | 5785 (Pk) | Vertical | 105.20 | - | - |
| | 5785 (Av) | | 95.74 | - | - |
| | 5725(Pk) | | 45.50 | 122.20* | -76.70 |
| | 5720(Pk) | | 43.85 | 110.80* | -66.95 |
| | 5700(Pk) | | 44.27 | 105.20* | -60.93 |
| | 5650(Pk) | | 43.76 | 68.20* | -24.44 |
| | 11570 (Pk) | | 59.41 | 68.23 | -8.82 |
| | 11570 (Av) | | 45.88 | 54.00 | -8.12 |
| | 17355 (Pk) | | 56.17 | 68.23 | -12.06 |
| | 17355 (Av) | | 43.74 | 54.00 | -10.26 |
| | 5785 (Pk) | Horizontal | 104.11 | - | - |
| | 5785 (Av) | | 94.81 | - | - |
| | 5725(Pk) | | 45.69 | 122.20* | -76.51 |
| | 5720(Pk) | | 43.28 | 110.80* | -67.52 |
| | 5700(Pk) | | 43.46 | 105.20* | -61.74 |
| | 5650(Pk) | | 43.06 | 68.20* | -25.14 |
| | 11570 (Pk) | | 56.10 | 68.23 | -12.13 |
| | 11570 (Av) | | 43.67 | 54.00 | -10.33 |
| | 17355 (Pk) | | 56.47 | 68.23 | -11.76 |
| | 17355 (Av) | | 43.80 | 54.00 | -10.20 |
| 5825 | 5825 (Pk) | Vertical | 104.94 | - | - |
| | 5825 (Av) | | 95.39 | - | - |
| | 5850 (Pk) | | 48.37 | 122.20* | -73.83 |
| | 5855(Pk) | | 46.60 | 110.80* | -64.20 |
| | 5875(Pk) | | 44.03 | 105.20* | -61.17 |
| | 5925 (Pk) | | 44.29 | 68.20* | -23.91 |
| | 11650 (Pk) | | 60.88 | 68.23 | -7.35 |
| | 11650 (Av) | | 47.15 | 54.00 | -6.85 |
| | 17475 (Pk) | | 57.05 | 68.23 | -11.18 |
| | 17475 (Av) | | 44.87 | 54.00 | -9.13 |
| | 5825 (Pk) | Horizontal | 105.51 | - | - |
| | 5825 (Av) | | 96.19 | - | - |
| | 5850 (Pk) | | 48.10 | 122.20* | -74.10 |
| | 5855(Pk) | | 46.78 | 110.80* | -64.02 |
| | 5875(Pk) | | 44.68 | 105.20* | -60.52 |
| | 5925 (Pk) | | 45.89 | 68.20* | -22.31 |
| | 11650 (Pk) | | 58.98 | 68.23 | -9.25 |
| | 11650 (Av) | | 45.93 | 54.00 | -8.07 |
| | 17475 (Pk) | | 56.89 | 68.23 | -11.34 |
| | 17475 (Av) | | 44.91 | 54.00 | -9.09 |

**Modulation:** **802.11n**
**Data rate:** **MCS7**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 109.58 | - | - |
| | 5180 (Av) | | 97.74 | - | - |
| | 5150 (Pk) | | 50.92 | 74.00* | -23.08 |
| | 5150 (Av) | | 38.32 | 54.00* | -15.68 |
| | 10360 (Pk) | | 52.51 | 68.23 | -15.72 |
| | 10360 (Av) | | 40.09 | 54.00 | -13.91 |
| | 15540 (Pk) | | 52.99 | 68.23 | -15.24 |
| | 15540 (Av) | | 41.27 | 54.00 | -12.73 |
| | 5180 (Pk) | Horizontal | 105.36 | - | - |
| | 5180 (Av) | | 94.01 | - | - |
| | 5150 (Pk) | | 47.38 | 74.00* | -26.62 |
| | 5150 (Av) | | 34.62 | 54.00* | -19.38 |
| | 10360 (Pk) | | 52.08 | 68.23 | -16.15 |
| | 10360 (Av) | | 40.08 | 54.00 | -13.92 |
| | 15540 (Pk) | | 53.05 | 68.23 | -15.18 |
| | 15540 (Av) | | 41.24 | 54.00 | -12.76 |
| 5200 | 5200 (Pk) | Vertical | 109.38 | - | - |
| | 5200 (Av) | | 97.96 | - | - |
| | 5150 (Pk) | | 47.13 | 74.00* | -26.87 |
| | 5150 (Av) | | 34.43 | 54.00* | -19.57 |
| | 10400 (Pk) | | 53.89 | 68.23 | -14.34 |
| | 10400 (Av) | | 40.44 | 54.00 | -13.56 |
| | 15600 (Pk) | | 52.41 | 68.23 | -15.82 |
| | 15600 (Av) | | 40.25 | 54.00 | -13.75 |
| | 5200 (Pk) | Horizontal | 104.61 | - | - |
| | 5200 (Av) | | 93.14 | - | - |
| | 5150 (Pk) | | 44.49 | 74.00* | -29.51 |
| | 5150 (Av) | | 31.94 | 54.00* | -22.06 |
| | 10400 (Pk) | | 52.37 | 68.23 | -15.86 |
| | 10400 (Av) | | 40.42 | 54.00 | -13.58 |
| | 15600 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 15600 (Av) | | 40.25 | 54.00 | -13.75 |
| 5240 | 5240 (Pk) | Vertical | 110.91 | - | - |
| | 5240 (Av) | | 99.22 | - | - |
| | 5350 (Pk) | | 48.20 | 74.00* | -25.80 |
| | 5350 (Av) | | 34.76 | 54.00* | -19.24 |
| | 10480 (Pk) | | 52.94 | 68.23 | -15.29 |
| | 10480 (Av) | | 40.87 | 54.00 | -13.13 |
| | 15720 (Pk) | | 50.86 | 68.23 | -17.37 |
| | 15720 (Av) | | 38.90 | 54.00 | -15.10 |
| | 5240 (Pk) | Horizontal | 105.78 | - | - |
| | 5240 (Av) | | 94.57 | - | - |
| | 5350 (Pk) | | 45.26 | 74.00* | -28.74 |
| | 5350 (Av) | | 31.90 | 54.00* | -22.10 |
| | 10480 (Pk) | | 52.47 | 68.23 | -15.76 |
| | 10480 (Av) | | 40.89 | 54.00 | -13.11 |
| | 15720 (Pk) | | 51.87 | 68.23 | -16.36 |
| | 15720 (Av) | | 38.88 | 54.00 | -15.12 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 106.46 | - | - |
| | 5745 (Av) | | 94.42 | - | - |
| | 5725(Pk) | | 58.56 | 122.20* | -63.64 |
| | 5720(Pk) | | 53.36 | 110.80* | -57.44 |
| | 5700(Pk) | | 45.74 | 105.20* | -59.46 |
| | 5650(Pk) | | 44.44 | 68.20* | -23.76 |
| | 11490 (Pk) | | 57.91 | 68.23 | -10.32 |
| | 11490 (Av) | | 45.00 | 54.00 | -9.00 |
| | 17235 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 17235 (Av) | | 42.64 | 54.00 | -11.36 |
| | 5745 (Pk) | Horizontal | 101.65 | - | - |
| | 5745 (Av) | | 90.30 | - | - |
| | 5725(Pk) | | 54.26 | 122.20* | -67.94 |
| | 5720(Pk) | | 47.91 | 110.80* | -62.89 |
| | 5700(Pk) | | 43.48 | 105.20* | -61.72 |
| | 5650(Pk) | | 45.53 | 68.20* | -22.67 |
| | 11490 (Pk) | | 55.08 | 68.23 | -13.15 |
| | 11490 (Av) | | 43.07 | 54.00 | -10.93 |
| | 17235 (Pk) | | 54.84 | 68.23 | -13.39 |
| | 17235 (Av) | | 42.60 | 54.00 | -11.40 |
| 5785 | 5785 (Pk) | Vertical | 105.91 | - | - |
| | 5785 (Av) | | 93.76 | - | - |
| | 5725(Pk) | | 48.37 | 122.20* | -73.83 |
| | 5720(Pk) | | 43.68 | 110.80* | -67.12 |
| | 5700(Pk) | | 44.75 | 105.20* | -60.45 |
| | 5650(Pk) | | 44.43 | 68.20* | -23.77 |
| | 11570 (Pk) | | 60.67 | 68.23 | -7.56 |
| | 11570 (Av) | | 46.80 | 54.00 | -7.20 |
| | 17355 (Pk) | | 56.47 | 68.23 | -11.76 |
| | 17355 (Av) | | 43.69 | 54.00 | -10.31 |
| | 5785 (Pk) | Horizontal | 103.19 | - | - |
| | 5785 (Av) | | 92.32 | - | - |
| | 5725(Pk) | | 45.25 | 122.20* | -76.95 |
| | 5720(Pk) | | 44.19 | 110.80* | -66.61 |
| | 5700(Pk) | | 43.04 | 105.20* | -62.16 |
| | 5650(Pk) | | 43.51 | 68.20* | -24.69 |
| | 11570 (Pk) | | 65.10 | 68.23 | -3.13 |
| | 11570 (Av) | | 50.63 | 54.00 | -3.37 |
| | 17355 (Pk) | | 55.97 | 68.23 | -12.26 |
| | 17355 (Av) | | 43.63 | 54.00 | -10.37 |
| 5825 | 5825 (Pk) | Vertical | 105.34 | - | - |
| | 5825 (Av) | | 93.55 | - | - |
| | 5850 (Pk) | | 54.96 | 122.20* | -67.24 |
| | 5855(Pk) | | 52.05 | 110.80* | -58.75 |
| | 5875(Pk) | | 45.20 | 105.20* | -60.00 |
| | 5925 (Pk) | | 44.83 | 68.20* | -23.37 |
| | 11650 (Pk) | | 61.39 | 68.23 | -6.84 |
| | 11650 (Av) | | 48.52 | 54.00 | -5.48 |
| | 17475 (Pk) | | 57.43 | 68.23 | -10.80 |
| | 17475 (Av) | | 44.88 | 54.00 | -9.12 |
| | 5825 (Pk) | Horizontal | 105.61 | - | - |
| | 5825 (Av) | | 93.75 | - | - |
| | 5850 (Pk) | | 53.91 | 122.20* | -68.29 |
| | 5855(Pk) | | 54.83 | 110.80* | -55.97 |
| | 5875(Pk) | | 46.31 | 105.20* | -58.89 |
| | 5925 (Pk) | | 47.76 | 68.20* | -20.44 |
| | 11650 (Pk) | | 58.41 | 68.23 | -9.82 |
| | 11650 (Av) | | 45.18 | 54.00 | -8.82 |
| | 17475 (Pk) | | 56.98 | 68.23 | -11.25 |
| | 17475 (Av) | | 44.88 | 54.00 | -9.12 |

**Modulation:** **802.11ac**
**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 110.70 | - | - |
| | 5180 (Av) | | 99.86 | - | - |
| | 5150 (Pk) | | 51.27 | 74.00* | -22.73 |
| | 5150 (Av) | | 38.00 | 54.00* | -16.00 |
| | 10360 (Pk) | | 51.99 | 68.23 | -16.24 |
| | 10360 (Av) | | 40.03 | 54.00 | -13.97 |
| | 15540 (Pk) | | 53.32 | 68.23 | -14.91 |
| | 15540 (Av) | | 41.16 | 54.00 | -12.84 |
| | 5180 (Pk) | Horizontal | 106.60 | - | - |
| | 5180 (Av) | | 95.92 | - | - |
| | 5150 (Pk) | | 47.23 | 74.00* | -26.77 |
| | 5150 (Av) | | 34.16 | 54.00* | -19.84 |
| | 10360 (Pk) | | 51.39 | 68.23 | -16.84 |
| | 10360 (Av) | | 40.03 | 54.00 | -13.97 |
| | 15540 (Pk) | | 52.96 | 68.23 | -15.27 |
| | 15540 (Av) | | 41.17 | 54.00 | -12.83 |
| 5200 | 5200 (Pk) | Vertical | 111.16 | - | - |
| | 5200 (Av) | | 99.86 | - | - |
| | 5150 (Pk) | | 46.67 | 74.00* | -27.33 |
| | 5150 (Av) | | 34.63 | 54.00* | -19.37 |
| | 10400 (Pk) | | 52.49 | 68.23 | -15.74 |
| | 10400 (Av) | | 40.48 | 54.00 | -13.52 |
| | 15600 (Pk) | | 52.17 | 68.23 | -16.06 |
| | 15600 (Av) | | 40.24 | 54.00 | -13.76 |
| | 5200 (Pk) | Horizontal | 106.70 | - | - |
| | 5200 (Av) | | 95.65 | - | - |
| | 5150 (Pk) | | 44.24 | 74.00* | -29.76 |
| | 5150 (Av) | | 31.92 | 54.00* | -22.08 |
| | 10400 (Pk) | | 52.57 | 68.23 | -15.66 |
| | 10400 (Av) | | 40.38 | 54.00 | -13.62 |
| | 15600 (Pk) | | 51.89 | 68.23 | -16.34 |
| | 15600 (Av) | | 40.23 | 54.00 | -13.77 |
| 5240 | 5240 (Pk) | Vertical | 111.85 | - | - |
| | 5240 (Av) | | 101.22 | - | - |
| | 5350 (Pk) | | 47.80 | 74.00* | -26.20 |
| | 5350 (Av) | | 34.41 | 54.00* | -19.59 |
| | 10480 (Pk) | | 53.20 | 68.23 | -15.03 |
| | 10480 (Av) | | 40.88 | 54.00 | -13.12 |
| | 15720 (Pk) | | 50.79 | 68.23 | -17.44 |
| | 15720 (Av) | | 38.87 | 54.00 | -15.13 |
| | 5240 (Pk) | Horizontal | 107.73 | - | - |
| | 5240 (Av) | | 96.55 | - | - |
| | 5350 (Pk) | | 44.88 | 74.00* | -29.12 |
| | 5350 (Av) | | 31.91 | 54.00* | -22.09 |
| | 10480 (Pk) | | 52.70 | 68.23 | -15.53 |
| | 10480 (Av) | | 40.85 | 54.00 | -13.15 |
| | 15720 (Pk) | | 50.69 | 68.23 | -17.54 |
| | 15720 (Av) | | 38.91 | 54.00 | -15.09 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 106.14 | - | - |
| | 5745 (Av) | | 95.25 | - | - |
| | 5725(Pk) | | 49.14 | 122.20* | -73.06 |
| | 5720(Pk) | | 46.29 | 110.80* | -64.51 |
| | 5700(Pk) | | 45.56 | 105.20* | -59.64 |
| | 5650(Pk) | | 44.47 | 68.20* | -23.73 |
| | 11490 (Pk) | | 57.84 | 68.23 | -10.39 |
| | 11490 (Av) | | 44.30 | 54.00 | -9.70 |
| | 17235 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 17235 (Av) | | 42.61 | 54.00 | -11.39 |
| | 5745 (Pk) | Horizontal | 101.41 | - | - |
| | 5745 (Av) | | 90.88 | - | - |
| | 5725(Pk) | | 45.61 | 122.20* | -76.59 |
| | 5720(Pk) | | 44.32 | 110.80* | -66.48 |
| | 5700(Pk) | | 43.16 | 105.20* | -62.04 |
| | 5650(Pk) | | 46.01 | 68.20* | -22.19 |
| | 11490 (Pk) | | 55.61 | 68.23 | -12.62 |
| | 11490 (Av) | | 43.14 | 54.00 | -10.86 |
| | 17235 (Pk) | | 55.04 | 68.23 | -13.19 |
| | 17235 (Av) | | 42.63 | 54.00 | -11.37 |
| 5785 | 5785 (Pk) | Vertical | 104.86 | - | - |
| | 5785 (Av) | | 94.24 | - | - |
| | 5725(Pk) | | 46.18 | 122.20* | -76.02 |
| | 5720(Pk) | | 43.06 | 110.80* | -67.74 |
| | 5700(Pk) | | 43.47 | 105.20* | -61.73 |
| | 5650(Pk) | | 43.84 | 68.20* | -24.36 |
| | 11570 (Pk) | | 57.73 | 68.23 | -10.50 |
| | 11570 (Av) | | 44.52 | 54.00 | -9.48 |
| | 17355 (Pk) | | 56.97 | 68.23 | -11.26 |
| | 17355 (Av) | | 43.69 | 54.00 | -10.31 |
| | 5785 (Pk) | Horizontal | 104.19 | - | - |
| | 5785 (Av) | | 93.36 | - | - |
| | 5725(Pk) | | 45.05 | 122.20* | -77.15 |
| | 5720(Pk) | | 42.98 | 110.80* | -67.82 |
| | 5700(Pk) | | 42.96 | 105.20* | -62.24 |
| | 5650(Pk) | | 43.46 | 68.20* | -24.74 |
| | 11570 (Pk) | | 55.98 | 68.23 | -12.25 |
| | 11570 (Av) | | 43.45 | 54.00 | -10.55 |
| | 17355 (Pk) | | 55.27 | 68.23 | -12.96 |
| | 17355 (Av) | | 43.68 | 54.00 | -10.32 |
| 5825 | 5825 (Pk) | Vertical | 104.54 | - | - |
| | 5825 (Av) | | 93.97 | - | - |
| | 5850 (Pk) | | 47.23 | 122.20* | -74.97 |
| | 5855(Pk) | | 46.41 | 110.80* | -64.39 |
| | 5875(Pk) | | 44.38 | 105.20* | -60.82 |
| | 5925 (Pk) | | 44.84 | 68.20* | -23.36 |
| | 11650 (Pk) | | 61.90 | 68.23 | -6.33 |
| | 11650 (Av) | | 48.34 | 54.00 | -5.66 |
| | 17475 (Pk) | | 56.64 | 68.23 | -11.59 |
| | 17475 (Av) | | 44.77 | 54.00 | -9.23 |
| | 5825 (Pk) | Horizontal | 106.34 | - | - |
| | 5825 (Av) | | 95.18 | - | - |
| | 5850 (Pk) | | 46.80 | 122.20* | -75.40 |
| | 5855(Pk) | | 46.53 | 110.80* | -64.27 |
| | 5875(Pk) | | 45.79 | 105.20* | -59.41 |
| | 5925 (Pk) | | 47.40 | 68.20* | -20.80 |
| | 11650 (Pk) | | 58.86 | 68.23 | -9.37 |
| | 11650 (Av) | | 45.23 | 54.00 | -8.77 |
| | 17475 (Pk) | | 57.15 | 68.23 | -11.08 |
| | 17475 (Av) | | 44.81 | 54.00 | -9.19 |

**Modulation: 802.11ax**

**Data rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 112.28 | - | - |
| | 5180 (Av) | | 99.14 | - | - |
| | 5150 (Pk) | | 50.47 | 74.00* | -23.53 |
| | 5150 (Av) | | 38.11 | 54.00* | -15.89 |
| | 10360 (Pk) | | 52.28 | 68.23 | -15.95 |
| | 10360 (Av) | | 40.05 | 54.00 | -13.95 |
| | 15540 (Pk) | | 53.79 | 68.23 | -14.44 |
| | 15540 (Av) | | 41.36 | 54.00 | -12.64 |
| | 5180 (Pk) | Horizontal | 109.17 | - | - |
| | 5180 (Av) | | 96.24 | - | - |
| | 5150 (Pk) | | 47.84 | 74.00* | -26.16 |
| | 5150 (Av) | | 34.33 | 54.00* | -19.67 |
| | 10360 (Pk) | | 52.18 | 68.23 | -16.05 |
| | 10360 (Av) | | 40.00 | 54.00 | -14.00 |
| | 15540 (Pk) | | 53.77 | 68.23 | -14.46 |
| | 15540 (Av) | | 41.22 | 54.00 | -12.78 |
| 5200 | 5200 (Pk) | Vertical | 112.98 | - | - |
| | 5200 (Av) | | 99.96 | - | - |
| | 5150 (Pk) | | 47.63 | 74.00* | -26.37 |
| | 5150 (Av) | | 34.60 | 54.00* | -19.40 |
| | 10400 (Pk) | | 53.53 | 68.23 | -14.70 |
| | 10400 (Av) | | 40.45 | 54.00 | -13.55 |
| | 15600 (Pk) | | 52.33 | 68.23 | -15.90 |
| | 15600 (Av) | | 40.32 | 54.00 | -13.68 |
| | 5200 (Pk) | Horizontal | 108.61 | - | - |
| | 5200 (Av) | | 95.50 | - | - |
| | 5150 (Pk) | | 44.64 | 74.00* | -29.36 |
| | 5150 (Av) | | 31.96 | 54.00* | -22.04 |
| | 10400 (Pk) | | 52.43 | 68.23 | -15.80 |
| | 10400 (Av) | | 40.39 | 54.00 | -13.61 |
| | 15600 (Pk) | | 52.36 | 68.23 | -15.87 |
| | 15600 (Av) | | 40.25 | 54.00 | -13.75 |
| 5240 | 5240 (Pk) | Vertical | 114.56 | - | - |
| | 5240 (Av) | | 101.06 | - | - |
| | 5350 (Pk) | | 46.52 | 74.00* | -27.48 |
| | 5350 (Av) | | 34.20 | 54.00* | -19.80 |
| | 10480 (Pk) | | 52.58 | 68.23 | -15.65 |
| | 10480 (Av) | | 40.93 | 54.00 | -13.07 |
| | 15720 (Pk) | | 51.41 | 68.23 | -16.82 |
| | 15720 (Av) | | 38.90 | 54.00 | -15.10 |
| | 5240 (Pk) | Horizontal | 109.48 | - | - |
| | 5240 (Av) | | 96.79 | - | - |
| | 5350 (Pk) | | 44.28 | 74.00* | -29.72 |
| | 5350 (Av) | | 31.90 | 54.00* | -22.10 |
| | 10480 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 10480 (Av) | | 40.94 | 54.00 | -13.06 |
| | 15720 (Pk) | | 50.41 | 68.23 | -17.82 |
| | 15720 (Av) | | 38.91 | 54.00 | -15.09 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 108.63 | - | - |
| | 5745 (Av) | | 95.20 | - | - |
| | 5725(Pk) | | 50.73 | 122.20* | -71.47 |
| | 5720(Pk) | | 47.09 | 110.80* | -63.71 |
| | 5700(Pk) | | 45.19 | 105.20* | -60.01 |
| | 5650(Pk) | | 44.57 | 68.20* | -23.63 |
| | 11490 (Pk) | | 55.66 | 68.23 | -12.57 |
| | 11490 (Av) | | 43.61 | 54.00 | -10.39 |
| | 17235 (Pk) | | 54.43 | 68.23 | -13.80 |
| | 17235 (Av) | | 42.59 | 54.00 | -11.41 |
| | 5745 (Pk) | Horizontal | 104.48 | - | - |
| | 5745 (Av) | | 90.91 | - | - |
| | 5725(Pk) | | 47.57 | 122.20* | -74.63 |
| | 5720(Pk) | | 44.24 | 110.80* | -66.56 |
| | 5700(Pk) | | 43.70 | 105.20* | -61.50 |
| | 5650(Pk) | | 46.87 | 68.20* | -21.33 |
| | 11490 (Pk) | | 55.34 | 68.23 | -12.89 |
| | 11490 (Av) | | 43.19 | 54.00 | -10.81 |
| | 17235 (Pk) | | 55.02 | 68.23 | -13.21 |
| | 17235 (Av) | | 42.60 | 54.00 | -11.40 |
| 5785 | 5785 (Pk) | Vertical | 107.86 | - | - |
| | 5785 (Av) | | 94.52 | - | - |
| | 5725(Pk) | | 47.90 | 122.20* | -74.30 |
| | 5720(Pk) | | 43.45 | 110.80* | -67.35 |
| | 5700(Pk) | | 43.99 | 105.20* | -61.21 |
| | 5650(Pk) | | 43.80 | 68.20* | -24.40 |
| | 11570 (Pk) | | 56.43 | 68.23 | -11.80 |
| | 11570 (Av) | | 43.97 | 54.00 | -10.03 |
| | 17355 (Pk) | | 55.88 | 68.23 | -12.35 |
| | 17355 (Av) | | 43.67 | 54.00 | -10.33 |
| | 5785 (Pk) | Horizontal | 106.94 | - | - |
| | 5785 (Av) | | 93.42 | - | - |
| | 5725(Pk) | | 44.98 | 122.20* | -77.22 |
| | 5720(Pk) | | 42.88 | 110.80* | -67.92 |
| | 5700(Pk) | | 43.00 | 105.20* | -62.20 |
| | 5650(Pk) | | 43.27 | 68.20* | -24.93 |
| | 11570 (Pk) | | 56.02 | 68.23 | -12.21 |
| | 11570 (Av) | | 43.41 | 54.00 | -10.59 |
| | 17355 (Pk) | | 55.58 | 68.23 | -12.65 |
| | 17355 (Av) | | 43.69 | 54.00 | -10.31 |
| 5825 | 5825 (Pk) | Vertical | 108.33 | - | - |
| | 5825 (Av) | | 94.66 | - | - |
| | 5850 (Pk) | | 49.95 | 122.20* | -72.25 |
| | 5855(Pk) | | 48.31 | 110.80* | -62.49 |
| | 5875(Pk) | | 45.13 | 105.20* | -60.07 |
| | 5925 (Pk) | | 44.93 | 68.20* | -23.27 |
| | 11650 (Pk) | | 55.33 | 68.23 | -12.90 |
| | 11650 (Av) | | 43.07 | 54.00 | -10.93 |
| | 17475 (Pk) | | 57.21 | 68.23 | -11.02 |
| | 17475 (Av) | | 44.86 | 54.00 | -9.14 |
| | 5825 (Pk) | Horizontal | 108.95 | - | - |
| | 5825 (Av) | | 95.58 | - | - |
| | 5850 (Pk) | | 48.88 | 122.20* | -73.32 |
| | 5855(Pk) | | 48.70 | 110.80* | -62.10 |
| | 5875(Pk) | | 45.81 | 105.20* | -59.39 |
| | 5925 (Pk) | | 47.42 | 68.20* | -20.78 |
| | 11650 (Pk) | | 61.11 | 68.23 | -7.12 |
| | 11650 (Av) | | 45.89 | 54.00 | -8.11 |
| | 17475 (Pk) | | 56.70 | 68.23 | -11.53 |
| | 17475 (Av) | | 44.88 | 54.00 | -9.12 |

**Channel Bandwidth: 40MHz**

**Modulation: 802.11n**

**Data rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 106.27 | - | - |
| | 5190 (Av) | | 95.55 | - | - |
| | 5150 (Pk) | | 53.81 | 74.00* | -20.19 |
| | 5150 (Av) | | 40.46 | 54.00* | -13.54 |
| | 10380 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 10380 (Av) | | 40.18 | 54.00 | -13.82 |
| | 15570 (Pk) | | 55.06 | 68.23 | -13.17 |
| | 15570 (Av) | | 42.15 | 54.00 | -11.85 |
| | 5190 (Pk) | Horizontal | 101.60 | - | - |
| | 5190 (Av) | | 91.36 | - | - |
| | 5150 (Pk) | | 46.04 | 74.00* | -27.96 |
| | 5150 (Av) | | 33.47 | 54.00* | -20.53 |
| | 10380 (Pk) | | 52.32 | 68.23 | -15.91 |
| | 10380 (Av) | | 40.19 | 54.00 | -13.81 |
| | 15570 (Pk) | | 53.99 | 68.23 | -14.24 |
| | 15570 (Av) | | 42.11 | 54.00 | -11.89 |
| 5230 | 5230 (Pk) | Vertical | 109.58 | - | - |
| | 5230 (Av) | | 99.58 | - | - |
| | 5350 (Pk) | | 46.59 | 74.00* | -27.41 |
| | 5350 (Av) | | 34.69 | 54.00* | -19.31 |
| | 10460 (Pk) | | 52.72 | 68.23 | -15.51 |
| | 10460 (Av) | | 40.76 | 54.00 | -13.24 |
| | 15690 (Pk) | | 53.76 | 68.23 | -14.47 |
| | 15690 (Av) | | 41.76 | 54.00 | -12.24 |
| | 5230 (Pk) | Horizontal | 106.35 | - | - |
| | 5230 (Av) | | 95.84 | - | - |
| | 5350 (Pk) | | 44.49 | 74.00* | -29.51 |
| | 5350 (Av) | | 32.10 | 54.00* | -21.90 |
| | 10460 (Pk) | | 53.51 | 68.23 | -14.72 |
| | 10460 (Av) | | 40.81 | 54.00 | -13.19 |
| | 15690 (Pk) | | 54.06 | 68.23 | -14.17 |
| | 15690 (Av) | | 41.72 | 54.00 | -12.28 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 105.10 | - | - |
| | 5755 (Av) | | 93.34 | - | - |
| | 5725(Pk) | | 52.62 | 122.20* | -69.58 |
| | 5720(Pk) | | 47.53 | 110.80* | -63.27 |
| | 5700(Pk) | | 46.83 | 105.20* | -58.37 |
| | 5650(Pk) | | 44.08 | 68.20* | -24.12 |
| | 11510 (Pk) | | 56.31 | 68.23 | -11.92 |
| | 11510 (Av) | | 43.09 | 54.00 | -10.91 |
| | 17265 (Pk) | | 54.56 | 68.23 | -13.67 |
| | 17265 (Av) | | 42.62 | 54.00 | -11.38 |
| | 5755 (Pk) | Horizontal | 100.82 | - | - |
| | 5755 (Av) | | 89.93 | - | - |
| | 5725(Pk) | | 48.00 | 122.20* | -74.20 |
| | 5720(Pk) | | 46.92 | 110.80* | -63.88 |
| | 5700(Pk) | | 44.13 | 105.20* | -61.07 |
| | 5650(Pk) | | 44.56 | 68.20* | -23.64 |
| | 11510 (Pk) | | 55.65 | 68.23 | -12.58 |
| | 11510 (Av) | | 43.33 | 54.00 | -10.67 |
| | 17265 (Pk) | | 54.43 | 68.23 | -13.80 |
| | 17265 (Av) | | 42.60 | 54.00 | -11.40 |
| 5795 | 5795 (Pk) | Vertical | 103.66 | - | - |
| | 5795 (Av) | | 91.73 | - | - |
| | 5850 (Pk) | | 46.26 | 122.20* | -75.94 |
| | 5855(Pk) | | 45.69 | 110.80* | -65.11 |
| | 5875(Pk) | | 44.16 | 105.20* | -61.04 |
| | 5925 (Pk) | | 45.46 | 68.20* | -22.74 |
| | 11590 (Pk) | | 54.75 | 68.23 | -13.48 |
| | 11590 (Av) | | 43.10 | 54.00 | -10.90 |
| | 17385 (Pk) | | 54.99 | 68.23 | -13.24 |
| | 17385 (Pk) | | 43.40 | 54.00 | -10.60 |
| | 5795 (Pk) | Horizontal | 101.83 | - | - |
| | 5795 (Av) | | 91.11 | - | - |
| | 5850 (Pk) | | 45.70 | 122.20* | -76.50 |
| | 5855(Pk) | | 46.06 | 110.80* | -64.74 |
| | 5875(Pk) | | 45.48 | 105.20* | -59.72 |
| | 5925 (Pk) | | 44.41 | 68.20* | -23.79 |
| | 11590 (Pk) | | 55.58 | 68.23 | -12.65 |
| | 11590 (Av) | | 43.08 | 54.00 | -10.92 |
| | 17385 (Pk) | | 56.17 | 68.23 | -12.06 |
| | 17385 (Av) | | 43.42 | 54.00 | -10.58 |

**Modulation: 802.11ac**

**Data Rate: MCS8**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 104.86 | - | - |
| | 5190 (Av) | | 94.45 | - | - |
| | 5150 (Pk) | | 52.34 | 74.00* | -21.66 |
| | 5150 (Av) | | 37.97 | 54.00* | -16.03 |
| | 10380 (Pk) | | 52.08 | 68.23 | -16.15 |
| | 10380 (Av) | | 40.18 | 54.00 | -13.82 |
| | 15570 (Pk) | | 54.88 | 68.23 | -13.35 |
| | 15570 (Av) | | 42.14 | 54.00 | -11.86 |
| | 5190 (Pk) | Horizontal | 100.47 | - | - |
| | 5190 (Av) | | 90.31 | - | - |
| | 5150 (Pk) | | 45.03 | 74.00* | -28.97 |
| | 5150 (Av) | | 32.20 | 54.00* | -21.80 |
| | 10380 (Pk) | | 52.24 | 68.23 | -15.99 |
| | 10380 (Av) | | 40.10 | 54.00 | -13.90 |
| | 15570 (Pk) | | 55.30 | 68.23 | -12.93 |
| | 15570 (Av) | | 42.17 | 54.00 | -11.83 |
| 5230 | 5230 (Pk) | Vertical | 110.09 | - | - |
| | 5230 (Av) | | 99.72 | - | - |
| | 5350 (Pk) | | 47.17 | 74.00* | -26.83 |
| | 5350 (Av) | | 34.63 | 54.00* | -19.37 |
| | 10460 (Pk) | | 52.39 | 68.23 | -15.84 |
| | 10460 (Av) | | 40.71 | 54.00 | -13.29 |
| | 15690 (Pk) | | 53.49 | 68.23 | -14.74 |
| | 15690 (Av) | | 41.83 | 54.00 | -12.17 |
| | 5230 (Pk) | Horizontal | 106.00 | - | - |
| | 5230 (Av) | | 95.78 | - | - |
| | 5350 (Pk) | | 44.64 | 74.00* | -29.36 |
| | 5350 (Av) | | 32.04 | 54.00* | -21.96 |
| | 10460 (Pk) | | 52.71 | 68.23 | -15.52 |
| | 10460 (Av) | | 40.71 | 54.00 | -13.29 |
| | 15690 (Pk) | | 54.03 | 68.23 | -14.20 |
| | 15690 (Av) | | 41.76 | 54.00 | -12.24 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 104.30 | - | - |
| | 5755 (Av) | | 93.99 | - | - |
| | 5725(Pk) | | 52.80 | 122.20* | -69.40 |
| | 5720(Pk) | | 48.47 | 110.80* | -62.33 |
| | 5700(Pk) | | 45.32 | 105.20* | -59.88 |
| | 5650(Pk) | | 43.98 | 68.20* | -24.22 |
| | 11510 (Pk) | | 55.17 | 68.23 | -13.06 |
| | 11510 (Av) | | 43.60 | 54.00 | -10.40 |
| | 17265 (Pk) | | 55.10 | 68.23 | -13.13 |
| | 17265 (Av) | | 42.58 | 54.00 | -11.42 |
| | 5755 (Pk) | Horizontal | 100.67 | - | - |
| | 5755 (Av) | | 90.52 | - | - |
| | 5725(Pk) | | 47.69 | 122.20* | -74.51 |
| | 5720(Pk) | | 46.84 | 110.80* | -63.96 |
| | 5700(Pk) | | 43.57 | 105.20* | -61.63 |
| | 5650(Pk) | | 44.40 | 68.20* | -23.80 |
| | 11510 (Pk) | | 55.90 | 68.23 | -12.33 |
| | 11510 (Av) | | 43.20 | 54.00 | -10.80 |
| | 17265 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 17265 (Av) | | 42.58 | 54.00 | -11.42 |
| 5795 | 5795 (Pk) | Vertical | 103.11 | - | - |
| | 5795 (Av) | | 92.39 | - | - |
| | 5850 (Pk) | | 46.32 | 122.20* | -75.88 |
| | 5855(Pk) | | 45.87 | 110.80* | -64.93 |
| | 5875(Pk) | | 44.18 | 105.20* | -61.02 |
| | 5925 (Pk) | | 44.47 | 68.20* | -23.73 |
| | 11590 (Pk) | | 55.10 | 68.23 | -13.13 |
| | 11590 (Av) | | 42.92 | 54.00 | -11.08 |
| | 17385 (Pk) | | 55.47 | 68.23 | -12.76 |
| | 17385 (Pk) | | 43.44 | 54.00 | -10.56 |
| | 5795 (Pk) | Horizontal | 101.93 | - | - |
| | 5795 (Av) | | 91.85 | - | - |
| | 5850 (Pk) | | 47.20 | 122.20* | -75.00 |
| | 5855(Pk) | | 46.27 | 110.80* | -64.53 |
| | 5875(Pk) | | 44.87 | 105.20* | -60.33 |
| | 5925 (Pk) | | 44.98 | 68.20* | -23.22 |
| | 11590 (Pk) | | 56.10 | 68.23 | -12.13 |
| | 11590 (Av) | | 43.40 | 54.00 | -10.60 |
| | 17385 (Pk) | | 55.49 | 68.23 | -12.74 |
| | 17385 (Av) | | 43.41 | 54.00 | -10.59 |

**Modulation: 802.11ax**

**Data rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 110.76 | - | - |
| | 5190 (Av) | | 95.91 | - | - |
| | 5150 (Pk) | | 57.77 | 74.00* | -16.23 |
| | 5150 (Av) | | 42.20 | 54.00* | -11.80 |
| | 10380 (Pk) | | 51.97 | 68.23 | -16.26 |
| | 10380 (Av) | | 40.15 | 54.00 | -13.85 |
| | 15570 (Pk) | | 54.71 | 68.23 | -13.52 |
| | 15570 (Av) | | 42.26 | 54.00 | -11.74 |
| | 5190 (Pk) | Horizontal | 108.38 | - | - |
| | 5190 (Av) | | 94.62 | - | - |
| | 5150 (Pk) | | 53.75 | 74.00* | -20.25 |
| | 5150 (Av) | | 37.82 | 54.00* | -16.18 |
| | 10380 (Pk) | | 52.01 | 68.23 | -16.22 |
| | 10380 (Av) | | 40.11 | 54.00 | -13.89 |
| | 15570 (Pk) | | 54.42 | 68.23 | -13.81 |
| | 15570 (Av) | | 42.25 | 54.00 | -11.75 |
| 5230 | 5230 (Pk) | Vertical | 111.82 | - | - |
| | 5230 (Av) | | 98.15 | - | - |
| | 5350 (Pk) | | 45.14 | 74.00* | -28.86 |
| | 5350 (Av) | | 32.91 | 54.00* | -21.09 |
| | 10460 (Pk) | | 53.26 | 68.23 | -14.97 |
| | 10460 (Av) | | 40.79 | 54.00 | -13.21 |
| | 15690 (Pk) | | 53.95 | 68.23 | -14.28 |
| | 15690 (Av) | | 41.87 | 54.00 | -12.13 |
| | 5230 (Pk) | Horizontal | 108.80 | - | - |
| | 5230 (Av) | | 95.40 | - | - |
| | 5350 (Pk) | | 44.71 | 74.00* | -29.29 |
| | 5350 (Av) | | 32.20 | 54.00* | -21.80 |
| | 10460 (Pk) | | 53.64 | 68.23 | -14.59 |
| | 10460 (Av) | | 40.75 | 54.00 | -13.25 |
| | 15690 (Pk) | | 54.09 | 68.23 | -14.14 |
| | 15690 (Av) | | 41.83 | 54.00 | -12.17 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 106.82 | - | - |
| | 5755 (Av) | | 93.75 | - | - |
| | 5725(Pk) | | 51.70 | 122.20* | -70.50 |
| | 5720(Pk) | | 49.97 | 110.80* | -60.83 |
| | 5700(Pk) | | 46.17 | 105.20* | -59.03 |
| | 5650(Pk) | | 45.03 | 68.20* | -23.17 |
| | 11510 (Pk) | | 55.69 | 68.23 | -12.54 |
| | 11510 (Av) | | 43.76 | 54.00 | -10.24 |
| | 17265 (Pk) | | 54.56 | 68.23 | -13.67 |
| | 17265 (Av) | | 42.59 | 54.00 | -11.41 |
| | 5755 (Pk) | Horizontal | 103.61 | - | - |
| | 5755 (Av) | | 90.13 | - | - |
| | 5725(Pk) | | 47.22 | 122.20* | -74.98 |
| | 5720(Pk) | | 46.81 | 110.80* | -63.99 |
| | 5700(Pk) | | 43.32 | 105.20* | -61.88 |
| | 5650(Pk) | | 43.67 | 68.20* | -24.53 |
| | 11510 (Pk) | | 55.82 | 68.23 | -12.41 |
| | 11510 (Av) | | 43.16 | 54.00 | -10.84 |
| | 17265 (Pk) | | 54.39 | 68.23 | -13.84 |
| | 17265 (Av) | | 42.64 | 54.00 | -11.36 |
| 5795 | 5795 (Pk) | Vertical | 105.61 | - | - |
| | 5795 (Av) | | 91.97 | - | - |
| | 5850 (Pk) | | 47.15 | 122.20* | -75.05 |
| | 5855(Pk) | | 48.47 | 110.80* | -62.33 |
| | 5875(Pk) | | 44.45 | 105.20* | -60.75 |
| | 5925 (Pk) | | 44.25 | 68.20* | -23.95 |
| | 11590 (Pk) | | 55.99 | 68.23 | -12.24 |
| | 11590 (Av) | | 43.10 | 54.00 | -10.90 |
| | 17385 (Pk) | | 55.90 | 68.23 | -12.33 |
| | 17385 (Pk) | | 43.42 | 54.00 | -10.58 |
| | 5795 (Pk) | Horizontal | 105.25 | - | - |
| | 5795 (Av) | | 91.47 | - | - |
| | 5850 (Pk) | | 46.66 | 122.20* | -75.54 |
| | 5855(Pk) | | 47.52 | 110.80* | -63.28 |
| | 5875(Pk) | | 44.88 | 105.20* | -60.32 |
| | 5925 (Pk) | | 44.97 | 68.20* | -23.23 |
| | 11590 (Pk) | | 54.98 | 68.23 | -13.25 |
| | 11590 (Av) | | 43.12 | 54.00 | -10.88 |
| | 17385 (Pk) | | 55.42 | 68.23 | -12.81 |
| | 17385 (Av) | | 43.45 | 54.00 | -10.55 |

**Channel Bandwidth: 80MHz**

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 105.33 | - | - |
| | 5210 (Av) | | 94.69 | - | - |
| | 5150 (Pk) | | 56.41 | 74.00* | -17.59 |
| | 5150 (Av) | | 43.45 | 54.00* | -10.55 |
| | 10420 (Pk) | | 51.79 | 68.23 | -16.44 |
| | 10420 (Av) | | 40.30 | 54.00 | -13.70 |
| | 15630 (Pk) | | 54.02 | 68.23 | -14.21 |
| | 15630 (Av) | | 41.33 | 54.00 | -12.67 |
| | 5210 (Pk) | Horizontal | 102.38 | - | - |
| | 5210 (Av) | | 91.67 | - | - |
| | 5150 (Pk) | | 52.58 | 74.00* | -21.42 |
| | 5150 (Av) | | 39.14 | 54.00* | -14.86 |
| | 10420 (Pk) | | 51.94 | 68.23 | -16.29 |
| | 10420 (Av) | | 40.31 | 54.00 | -13.69 |
| | 15630 (Pk) | | 53.98 | 68.23 | -14.25 |
| | 15630 (Av) | | 41.35 | 54.00 | -12.65 |
| 5775 | 5775 (Pk) | Vertical | 101.41 | - | - |
| | 5775 (Pk) | | 90.30 | - | - |
| | 5850 (Pk) | | 48.21 | 122.20* | -73.99 |
| | 5855 (Pk) | | 46.82 | 110.80* | -63.98 |
| | 5875 (Pk) | | 45.32 | 105.20* | -59.88 |
| | 5925 (Pk) | | 44.66 | 68.20* | -23.54 |
| | 11550 (Pk) | | 54.49 | 68.23 | -13.74 |
| | 11550 (Av) | | 42.97 | 54.00 | -11.03 |
| | 17325 (Pk) | | 54.28 | 68.23 | -13.95 |
| | 17325 (Av) | | 42.68 | 54.00 | -11.32 |
| | 5775 (Pk) | Horizontal | 99.22 | - | - |
| | 5775 (Pk) | | 88.59 | - | - |
| | 5850 (Pk) | | 46.63 | 122.20* | -75.57 |
| | 5855 (Pk) | | 48.76 | 110.80* | -62.04 |
| | 5875 (Pk) | | 47.15 | 105.20* | -58.05 |
| | 5925 (Pk) | | 44.50 | 68.20* | -23.70 |
| | 11550 (Av) | | 55.72 | 68.23 | -12.51 |
| | 11550 (Pk) | | 42.91 | 54.00 | -11.09 |
| | 17325 (Pk) | | 54.48 | 68.23 | -13.75 |
| | 17325 (Av) | | 42.73 | 54.00 | -11.27 |

**Modulation:** **802.11ax**
**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 107.96 | - | - |
| | 5210 (Av) | | 94.43 | - | - |
| | 5150 (Pk) | | 56.63 | 74.00* | -17.37 |
| | 5150 (Av) | | 43.43 | 54.00* | -10.57 |
| | 10420 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 10420 (Av) | | 40.37 | 54.00 | -13.63 |
| | 15630 (Pk) | | 53.34 | 68.23 | -14.89 |
| | 15630 (Av) | | 41.39 | 54.00 | -12.61 |
| | 5210 (Pk) | Horizontal | 104.80 | - | - |
| | 5210 (Av) | | 91.73 | - | - |
| | 5150 (Pk) | | 52.14 | 74.00* | -21.86 |
| | 5150 (Av) | | 39.26 | 54.00* | -14.74 |
| | 10420 (Pk) | | 52.66 | 68.23 | -15.57 |
| | 10420 (Av) | | 40.38 | 54.00 | -13.62 |
| | 15630 (Pk) | | 53.52 | 68.23 | -14.71 |
| | 15630 (Av) | | 41.40 | 54.00 | -12.60 |
| 5775 | 5775 (Pk) | Vertical | 103.74 | - | - |
| | 5775 (Pk) | | 90.03 | - | - |
| | 5850 (Pk) | | 47.83 | 122.20* | -74.37 |
| | 5855 (Pk) | | 47.05 | 110.80* | -63.75 |
| | 5875 (Pk) | | 44.60 | 105.20* | -60.60 |
| | 5925 (Pk) | | 44.44 | 68.20* | -23.76 |
| | 11550 (Pk) | | 55.00 | 68.23 | -13.23 |
| | 11550 (Av) | | 42.94 | 54.00 | -11.06 |
| | 17325 (Pk) | | 55.36 | 68.23 | -12.87 |
| | 17325 (Av) | | 42.67 | 54.00 | -11.33 |
| | 5775 (Pk) | Horizontal | 101.73 | - | - |
| | 5775 (Pk) | | 88.57 | - | - |
| | 5850 (Pk) | | 48.22 | 122.20* | -73.98 |
| | 5855 (Pk) | | 49.53 | 110.80* | -62.70 |
| | 5875 (Pk) | | 48.10 | 105.20* | -60.07 |
| | 5925 (Pk) | | 45.13 | 68.20* | -23.07 |
| | 11550 (Pk) | | 56.26 | 68.23 | -11.97 |
| | 11550 (Av) | | 42.89 | 54.00 | -11.11 |
| | 17325 (Pk) | | 55.38 | 68.23 | -12.85 |
| | 17325 (Av) | | 42.67 | 54.00 | -11.33 |

**Note:**
*** : Indicate restricted band frequency in 15.205**
**Pk: Peak Detector; Av: Average Detector**

**Antenna Type & Antenna Gain**: Integrated Panel Antenna & 15dBi

**Channel Bandwidth: 20MHz**
**Modulation: 802.11a**
**Data Rate: 6Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 115.73 | - | - |
| | 5180 (Av) | | 107.33 | - | - |
| | 5150 (Pk) | | 61.75 | 74.00* | -12.25 |
| | 5150 (Av) | | 47.56 | 54.00* | -6.44 |
| | 10360 (Pk) | | 55.45 | 68.23 | -12.78 |
| | 10360 (Av) | | 41.49 | 54.00 | -12.51 |
| | 15540 (Pk) | | 54.07 | 68.23 | -14.16 |
| | 15540 (Av) | | 41.83 | 54.00 | -12.17 |
| | 5180 (Pk) | Horizontal | 116.91 | - | - |
| | 5180 (Av) | | 107.05 | - | - |
| | 5150 (Pk) | | 59.49 | 74.00* | -14.51 |
| | 5150 (Av) | | 46.29 | 54.00* | -7.71 |
| | 10360 (Pk) | | 52.37 | 68.23 | -15.86 |
| | 10360 (Av) | | 40.94 | 54.00 | -13.06 |
| | 15540 (Pk) | | 53.69 | 68.23 | -14.54 |
| | 15540 (Av) | | 41.77 | 54.00 | -12.23 |
| 5200 | 5200 (Pk) | Vertical | 115.54 | - | - |
| | 5200 (Av) | | 106.51 | - | - |
| | 5150 (Pk) | | 52.68 | 74.00* | -21.32 |
| | 5150 (Av) | | 38.83 | 54.00* | -15.17 |
| | 10400 (Pk) | | 53.96 | 68.23 | -14.27 |
| | 10400 (Av) | | 42.43 | 54.00 | -11.57 |
| | 15600 (Pk) | | 54.09 | 68.23 | -14.14 |
| | 15600 (Av) | | 41.45 | 54.00 | -12.55 |
| | 5200 (Pk) | Horizontal | 117.17 | - | - |
| | 5200 (Av) | | 106.57 | - | - |
| | 5150 (Pk) | | 49.62 | 74.00* | -24.38 |
| | 5150 (Av) | | 38.19 | 54.00* | -15.81 |
| | 10400 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 10400 (Av) | | 40.95 | 54.00 | -13.05 |
| | 15600 (Pk) | | 53.47 | 68.23 | -14.76 |
| | 15600 (Av) | | 41.53 | 54.00 | -12.47 |
| 5240 | 5240 (Pk) | Vertical | 115.51 | - | - |
| | 5240 (Av) | | 106.60 | - | - |
| | 5350 (Pk) | | 51.91 | 74.00* | -22.09 |
| | 5350 (Av) | | 38.20 | 54.00* | -15.80 |
| | 10480 (Pk) | | 56.12 | 68.23 | -12.11 |
| | 10480 (Av) | | 42.49 | 54.00 | -11.51 |
| | 15720 (Pk) | | 53.79 | 68.23 | -14.44 |
| | 15720 (Av) | | 41.30 | 54.00 | -12.70 |
| | 5240 (Pk) | Horizontal | 116.11 | - | - |
| | 5240 (Av) | | 105.70 | - | - |
| | 5350 (Pk) | | 48.52 | 74.00* | -25.48 |
| | 5350 (Av) | | 35.61 | 54.00* | -18.39 |
| | 10480 (Pk) | | 54.27 | 68.23 | -13.96 |
| | 10480 (Av) | | 42.54 | 54.00 | -11.46 |
| | 15720 (Pk) | | 53.41 | 68.23 | -14.82 |
| | 15720 (Av) | | 41.38 | 54.00 | -12.62 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 117.19 | - | - |
| | 5745 (Av) | | 107.87 | - | - |
| | 5725(Pk) | | 71.02 | 122.20* | -51.18 |
| | 5720(Pk) | | 66.47 | 110.80* | -44.33 |
| | 5700(Pk) | | 52.86 | 105.20* | -52.34 |
| | 5650(Pk) | | 49.82 | 68.20* | -18.38 |
| | 11490 (Pk) | | 54.48 | 68.23 | -13.75 |
| | 11490 (Av) | | 42.50 | 54.00 | -11.50 |
| | 17235 (Pk) | | 57.45 | 68.23 | -10.78 |
| | 17235 (Av) | | 45.12 | 54.00 | -8.88 |
| | 5745 (Pk) | Horizontal | 115.74 | - | - |
| | 5745 (Av) | | 106.14 | - | - |
| | 5725(Pk) | | 65.96 | 122.20* | -56.24 |
| | 5720(Pk) | | 61.32 | 110.80* | -49.48 |
| | 5700(Pk) | | 51.05 | 105.20* | -54.15 |
| | 5650(Pk) | | 55.61 | 68.20* | -12.59 |
| | 11490 (Pk) | | 54.76 | 68.23 | -13.47 |
| | 11490 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17235 (Pk) | | 56.93 | 68.23 | -11.30 |
| | 17235 (Av) | | 45.11 | 54.00 | -8.89 |
| 5785 | 5785 (Pk) | Vertical | 117.90 | - | - |
| | 5785 (Av) | | 108.49 | - | - |
| | 5725(Pk) | | 56.11 | 122.20* | -66.09 |
| | 5720(Pk) | | 51.11 | 110.80* | -59.69 |
| | 5700(Pk) | | 49.39 | 105.20* | -55.81 |
| | 5650(Pk) | | 49.60 | 68.20* | -18.60 |
| | 11570 (Pk) | | 53.58 | 68.23 | -14.65 |
| | 11570 (Av) | | 41.87 | 54.00 | -12.13 |
| | 17355 (Pk) | | 58.50 | 68.23 | -9.73 |
| | 17355 (Av) | | 45.88 | 54.00 | -8.12 |
| | 5785 (Pk) | Horizontal | 116.24 | - | - |
| | 5785 (Av) | | 106.48 | - | - |
| | 5725(Pk) | | 55.29 | 122.20* | -66.91 |
| | 5720(Pk) | | 49.14 | 110.80* | -61.66 |
| | 5700(Pk) | | 47.42 | 105.20* | -57.78 |
| | 5650(Pk) | | 47.76 | 68.20* | -20.44 |
| | 11570 (Pk) | | 54.20 | 68.23 | -14.03 |
| | 11570 (Av) | | 42.13 | 54.00 | -11.87 |
| | 17355 (Pk) | | 58.87 | 68.23 | -9.36 |
| | 17355 (Av) | | 45.82 | 54.00 | -8.18 |
| 5825 | 5825 (Pk) | Vertical | 118.16 | - | - |
| | 5825 (Av) | | 108.71 | - | - |
| | 5850 (Pk) | | 66.97 | 122.20* | -55.23 |
| | 5855(Pk) | | 65.21 | 110.80* | -45.59 |
| | 5875(Pk) | | 54.24 | 105.20* | -50.96 |
| | 5925 (Pk) | | 55.32 | 68.20* | -12.88 |
| | 11650 (Pk) | | 57.50 | 68.23 | -10.73 |
| | 11650 (Av) | | 44.21 | 54.00 | -9.79 |
| | 17475 (Pk) | | 59.01 | 68.23 | -9.22 |
| | 17475 (Av) | | 47.12 | 54.00 | -6.88 |
| | 5825 (Pk) | Horizontal | 116.63 | - | - |
| | 5825 (Av) | | 106.77 | - | - |
| | 5850 (Pk) | | 62.16 | 122.20* | -60.04 |
| | 5855(Pk) | | 59.31 | 110.80* | -51.49 |
| | 5875(Pk) | | 52.18 | 105.20* | -53.02 |
| | 5925 (Pk) | | 53.32 | 68.20* | -14.88 |
| | 11650 (Pk) | | 53.96 | 68.23 | -14.27 |
| | 11650 (Av) | | 42.72 | 54.00 | -11.28 |
| | 17475 (Pk) | | 59.80 | 68.23 | -8.43 |
| | 17475 (Pk) | | 47.08 | 54.00 | -6.92 |

**Modulation: 802.11n**
**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 115.91 | - | - |
| | 5180 (Av) | | 105.18 | - | - |
| | 5150 (Pk) | | 58.56 | 74.00* | -15.44 |
| | 5150 (Av) | | 44.29 | 54.00* | -9.71 |
| | 10360 (Pk) | | 53.62 | 68.23 | -14.61 |
| | 10360 (Av) | | 42.21 | 54.00 | -11.79 |
| | 15540 (Pk) | | 54.25 | 68.23 | -13.98 |
| | 15540 (Av) | | 41.72 | 54.00 | -12.28 |
| | 5180 (Pk) | Horizontal | 114.90 | - | - |
| | 5180 (Av) | | 103.93 | - | - |
| | 5150 (Pk) | | 54.75 | 74.00* | -19.25 |
| | 5150 (Av) | | 42.27 | 54.00* | -11.73 |
| | 10360 (Pk) | | 53.06 | 68.23 | -15.17 |
| | 10360 (Av) | | 41.26 | 54.00 | -12.74 |
| | 15540 (Pk) | | 54.06 | 68.23 | -14.17 |
| | 15540 (Av) | | 41.69 | 54.00 | -12.31 |
| 5200 | 5200 (Pk) | Vertical | 114.06 | - | - |
| | 5200 (Av) | | 103.47 | - | - |
| | 5150 (Pk) | | 47.83 | 74.00* | -26.17 |
| | 5150 (Av) | | 35.35 | 54.00* | -18.65 |
| | 10400 (Pk) | | 56.44 | 68.23 | -11.79 |
| | 10400 (Av) | | 42.79 | 54.00 | -11.21 |
| | 15600 (Pk) | | 53.36 | 68.23 | -14.87 |
| | 15600 (Av) | | 41.47 | 54.00 | -12.53 |
| | 5200 (Pk) | Horizontal | 114.07 | - | - |
| | 5200 (Av) | | 104.41 | - | - |
| | 5150 (Pk) | | 49.72 | 74.00* | -24.28 |
| | 5150 (Av) | | 35.94 | 54.00* | -18.06 |
| | 10400 (Pk) | | 53.66 | 68.23 | -14.57 |
| | 10400 (Av) | | 40.89 | 54.00 | -13.11 |
| | 15600 (Pk) | | 53.12 | 68.23 | -15.11 |
| | 15600 (Av) | | 41.44 | 54.00 | -12.56 |
| 5240 | 5240 (Pk) | Vertical | 114.75 | - | - |
| | 5240 (Av) | | 104.26 | - | - |
| | 5350 (Pk) | | 49.84 | 74.00* | -24.16 |
| | 5350 (Av) | | 37.97 | 54.00* | -16.03 |
| | 10480 (Pk) | | 53.25 | 68.23 | -14.98 |
| | 10480 (Av) | | 41.51 | 54.00 | -12.49 |
| | 15720 (Pk) | | 53.81 | 68.23 | -14.42 |
| | 15720 (Av) | | 41.40 | 54.00 | -12.60 |
| | 5240 (Pk) | Horizontal | 114.51 | - | - |
| | 5240 (Av) | | 103.42 | - | - |
| | 5350 (Pk) | | 48.18 | 74.00* | -25.82 |
| | 5350 (Av) | | 35.30 | 54.00* | -18.70 |
| | 10480 (Pk) | | 55.77 | 68.23 | -12.46 |
| | 10480 (Av) | | 42.57 | 54.00 | -11.43 |
| | 15720 (Pk) | | 53.31 | 68.23 | -14.92 |
| | 15720 (Av) | | 41.33 | 54.00 | -12.67 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 117.61 | - | - |
| | 5745 (Av) | | 106.87 | - | - |
| | 5725(Pk) | | 73.46 | 122.20* | -48.74 |
| | 5720(Pk) | | 65.45 | 110.80* | -45.35 |
| | 5700(Pk) | | 52.81 | 105.20* | -52.39 |
| | 5650(Pk) | | 49.83 | 68.20* | -18.37 |
| | 11490 (Pk) | | 56.82 | 68.23 | -11.41 |
| | 11490 (Av) | | 45.05 | 54.00 | -8.95 |
| | 17235 (Pk) | | 57.83 | 68.23 | -10.40 |
| | 17235 (Av) | | 46.24 | 54.00 | -7.76 |
| | 5745 (Pk) | Horizontal | 117.87 | - | - |
| | 5745 (Av) | | 106.30 | - | - |
| | 5725(Pk) | | 71.24 | 122.20* | -50.96 |
| | 5720(Pk) | | 65.44 | 110.80* | -45.36 |
| | 5700(Pk) | | 53.18 | 105.20* | -52.02 |
| | 5650(Pk) | | 57.02 | 68.20* | -11.18 |
| | 11490 (Pk) | | 56.63 | 68.23 | -11.60 |
| | 11490 (Av) | | 44.52 | 54.00 | -9.48 |
| | 17235 (Pk) | | 58.40 | 68.23 | -9.83 |
| | 17235 (Av) | | 46.27 | 54.00 | -7.73 |
| 5785 | 5785 (Pk) | Vertical | 118.11 | - | - |
| | 5785 (Av) | | 107.83 | - | - |
| | 5725(Pk) | | 57.02 | 122.20* | -65.18 |
| | 5720(Pk) | | 49.54 | 110.80* | -61.26 |
| | 5700(Pk) | | 49.74 | 105.20* | -55.46 |
| | 5650(Pk) | | 50.04 | 68.20* | -18.16 |
| | 11570 (Pk) | | 56.47 | 68.23 | -11.76 |
| | 11570 (Av) | | 44.21 | 54.00 | -9.79 |
| | 17355 (Pk) | | 58.23 | 68.23 | -10.00 |
| | 17355 (Av) | | 46.73 | 54.00 | -7.27 |
| | 5785 (Pk) | Horizontal | 118.56 | - | - |
| | 5785 (Av) | | 106.80 | - | - |
| | 5725(Pk) | | 56.75 | 122.20* | -65.45 |
| | 5720(Pk) | | 49.94 | 110.80* | -60.86 |
| | 5700(Pk) | | 49.09 | 105.20* | -56.11 |
| | 5650(Pk) | | 49.97 | 68.20* | -18.23 |
| | 11570 (Pk) | | 56.49 | 68.23 | -11.74 |
| | 11570 (Av) | | 44.28 | 54.00 | -9.72 |
| | 17355 (Pk) | | 58.60 | 68.23 | -9.63 |
| | 17355 (Av) | | 46.76 | 54.00 | -7.24 |
| 5825 | 5825 (Pk) | Vertical | 118.29 | - | - |
| | 5825 (Av) | | 107.56 | - | - |
| | 5850 (Pk) | | 69.50 | 122.20* | -52.70 |
| | 5855(Pk) | | 64.91 | 110.80* | -45.89 |
| | 5875(Pk) | | 54.05 | 105.20* | -51.15 |
| | 5925 (Pk) | | 54.38 | 68.20* | -13.82 |
| | 11650 (Pk) | | 55.70 | 68.23 | -12.53 |
| | 11650 (Av) | | 43.67 | 54.00 | -10.33 |
| | 17475 (Pk) | | 59.31 | 68.23 | -8.92 |
| | 17475 (Av) | | 47.41 | 54.00 | -6.59 |
| | 5825 (Pk) | Horizontal | 118.75 | - | - |
| | 5825 (Av) | | 107.29 | - | - |
| | 5850 (Pk) | | 68.62 | 122.20* | -53.58 |
| | 5855(Pk) | | 64.88 | 110.80* | -45.92 |
| | 5875(Pk) | | 53.81 | 105.20* | -51.39 |
| | 5925 (Pk) | | 53.92 | 68.20* | -14.28 |
| | 11650 (Pk) | | 57.19 | 68.23 | -11.04 |
| | 11650 (Av) | | 45.18 | 54.00 | -8.82 |
| | 17475 (Pk) | | 59.64 | 68.23 | -8.59 |
| | 17475 (Pk) | | 47.35 | 54.00 | -6.65 |

**Modulation: 802.11ac**
**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 117.18 | - | - |
| | 5180 (Av) | | 106.13 | - | - |
| | 5150 (Pk) | | 59.54 | 74.00* | -14.46 |
| | 5150 (Av) | | 45.88 | 54.00* | -8.12 |
| | 10360 (Pk) | | 55.83 | 68.23 | -12.40 |
| | 10360 (Av) | | 42.40 | 54.00 | -11.60 |
| | 15540 (Pk) | | 52.98 | 68.23 | -15.25 |
| | 15540 (Av) | | 40.93 | 54.00 | -13.07 |
| | 5180 (Pk) | Horizontal | 116.92 | - | - |
| | 5180 (Av) | | 106.49 | - | - |
| | 5150 (Pk) | | 63.83 | 74.00* | -10.17 |
| | 5150 (Av) | | 49.43 | 54.00* | -4.57 |
| | 10360 (Pk) | | 55.19 | 68.23 | -13.04 |
| | 10360 (Av) | | 41.93 | 54.00 | -12.07 |
| | 15540 (Pk) | | 53.17 | 68.23 | -15.06 |
| | 15540 (Av) | | 40.88 | 54.00 | -13.12 |
| 5200 | 5200 (Pk) | Vertical | 116.21 | - | - |
| | 5200 (Av) | | 105.70 | - | - |
| | 5150 (Pk) | | 52.44 | 74.00* | -21.56 |
| | 5150 (Av) | | 39.03 | 54.00* | -14.97 |
| | 10400 (Pk) | | 56.53 | 68.23 | -11.70 |
| | 10400 (Av) | | 42.75 | 54.00 | -11.25 |
| | 15600 (Pk) | | 52.79 | 68.23 | -15.44 |
| | 15600 (Av) | | 40.52 | 54.00 | -13.48 |
| | 5200 (Pk) | Horizontal | 116.54 | - | - |
| | 5200 (Av) | | 105.64 | - | - |
| | 5150 (Pk) | | 51.34 | 74.00* | -22.66 |
| | 5150 (Av) | | 38.51 | 54.00* | -15.49 |
| | 10400 (Pk) | | 54.20 | 68.23 | -14.03 |
| | 10400 (Av) | | 41.42 | 54.00 | -12.58 |
| | 15600 (Pk) | | 53.29 | 68.23 | -14.94 |
| | 15600 (Av) | | 40.51 | 54.00 | -13.49 |
| 5240 | 5240 (Pk) | Vertical | 116.19 | - | - |
| | 5240 (Av) | | 105.58 | - | - |
| | 5350 (Pk) | | 51.22 | 74.00* | -22.78 |
| | 5350 (Av) | | 38.26 | 54.00* | -15.74 |
| | 10480 (Pk) | | 56.66 | 68.23 | -11.57 |
| | 10480 (Av) | | 42.93 | 54.00 | -11.07 |
| | 15720 (Pk) | | 53.81 | 68.23 | -14.42 |
| | 15720 (Av) | | 40.58 | 54.00 | -13.42 |
| | 5240 (Pk) | Horizontal | 116.72 | - | - |
| | 5240 (Av) | | 105.42 | - | - |
| | 5350 (Pk) | | 50.52 | 74.00* | -23.48 |
| | 5350 (Av) | | 38.19 | 54.00* | -15.81 |
| | 10480 (Pk) | | 57.31 | 68.23 | -10.92 |
| | 10480 (Av) | | 43.24 | 54.00 | -10.76 |
| | 15720 (Pk) | | 52.65 | 68.23 | -15.58 |
| | 15720 (Av) | | 40.55 | 54.00 | -13.45 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 117.47 | - | - |
| | 5745 (Av) | | 106.78 | - | - |
| | 5725(Pk) | | 72.93 | 122.20* | -49.27 |
| | 5720(Pk) | | 68.03 | 110.80* | -42.77 |
| | 5700(Pk) | | 53.13 | 105.20* | -52.07 |
| | 5650(Pk) | | 50.20 | 68.20* | -18.00 |
| | 11490 (Pk) | | 57.72 | 68.23 | -10.51 |
| | 11490 (Av) | | 45.21 | 54.00 | -8.79 |
| | 17235 (Pk) | | 58.80 | 68.23 | -9.43 |
| | 17235 (Av) | | 46.31 | 54.00 | -7.69 |
| | 5745 (Pk) | Horizontal | 117.84 | - | - |
| | 5745 (Av) | | 106.36 | - | - |
| | 5725(Pk) | | 71.45 | 122.20* | -50.75 |
| | 5720(Pk) | | 64.97 | 110.80* | -45.83 |
| | 5700(Pk) | | 52.21 | 105.20* | -52.99 |
| | 5650(Pk) | | 56.53 | 68.20* | -11.67 |
| | 11490 (Pk) | | 56.01 | 68.23 | -12.22 |
| | 11490 (Av) | | 43.61 | 54.00 | -10.39 |
| | 17235 (Pk) | | 59.76 | 68.23 | -8.47 |
| | 17235 (Av) | | 47.42 | 54.00 | -6.58 |
| 5785 | 5785 (Pk) | Vertical | 118.30 | - | - |
| | 5785 (Av) | | 106.70 | - | - |
| | 5725(Pk) | | 55.61 | 122.20* | -66.59 |
| | 5720(Pk) | | 49.63 | 110.80* | -61.17 |
| | 5700(Pk) | | 47.89 | 105.20* | -57.31 |
| | 5650(Pk) | | 48.25 | 68.20* | -19.95 |
| | 11570 (Pk) | | 56.16 | 68.23 | -12.07 |
| | 11570 (Av) | | 44.47 | 54.00 | -9.53 |
| | 17355 (Pk) | | 58.76 | 68.23 | -9.47 |
| | 17355 (Av) | | 46.73 | 54.00 | -7.27 |
| | 5785 (Pk) | Horizontal | 118.23 | - | - |
| | 5785 (Av) | | 107.18 | - | - |
| | 5725(Pk) | | 55.99 | 122.20* | -66.21 |
| | 5720(Pk) | | 49.26 | 110.80* | -61.54 |
| | 5700(Pk) | | 48.78 | 105.20* | -56.42 |
| | 5650(Pk) | | 49.39 | 68.20* | -18.81 |
| | 11570 (Pk) | | 56.67 | 68.23 | -11.56 |
| | 11570 (Av) | | 44.45 | 54.00 | -9.55 |
| | 17355 (Pk) | | 58.78 | 68.23 | -9.45 |
| | 17355 (Av) | | 46.26 | 54.00 | -7.74 |
| 5825 | 5825 (Pk) | Vertical | 118.18 | - | - |
| | 5825 (Av) | | 107.50 | - | - |
| | 5850 (Pk) | | 68.32 | 122.20* | -53.88 |
| | 5855(Pk) | | 65.39 | 110.80* | -45.41 |
| | 5875(Pk) | | 54.29 | 105.20* | -50.91 |
| | 5925 (Pk) | | 54.61 | 68.20* | -13.59 |
| | 11650 (Pk) | | 56.21 | 68.23 | -12.02 |
| | 11650 (Av) | | 44.83 | 54.00 | -9.17 |
| | 17475 (Pk) | | 60.15 | 68.23 | -8.08 |
| | 17475 (Av) | | 47.58 | 54.00 | -6.42 |
| | 5825 (Pk) | Horizontal | 118.89 | - | - |
| | 5825 (Av) | | 107.23 | - | - |
| | 5850 (Pk) | | 68.85 | 122.20* | -53.35 |
| | 5855(Pk) | | 64.01 | 110.80* | -46.79 |
| | 5875(Pk) | | 53.58 | 105.20* | -51.62 |
| | 5925 (Pk) | | 54.50 | 68.20* | -13.70 |
| | 11650 (Pk) | | 57.71 | 68.23 | -10.52 |
| | 11650 (Av) | | 44.36 | 54.00 | -9.64 |
| | 17475 (Pk) | | 59.70 | 68.23 | -8.53 |
| | 17475 (Pk) | | 47.68 | 54.00 | -6.32 |

**Modulation:** **802.11ax**

**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 120.86 | - | - |
| | 5180 (Av) | | 107.40 | - | - |
| | 5150 (Pk) | | 69.13 | 74.00* | -4.87 |
| | 5150 (Av) | | 54.09 | 54.00* | 0.09 |
| | 10360 (Pk) | | 55.98 | 68.23 | -12.25 |
| | 10360 (Av) | | 42.48 | 54.00 | -11.52 |
| | 15540 (Pk) | | 52.83 | 68.23 | -15.40 |
| | 15540 (Av) | | 40.95 | 54.00 | -13.05 |
| | 5180 (Pk) | Horizontal | 120.05 | - | - |
| | 5180 (Av) | | 107.20 | - | - |
| | 5150 (Pk) | | 66.16 | 74.00* | -7.84 |
| | 5150 (Av) | | 51.14 | 54.00* | -2.86 |
| | 10360 (Pk) | | 53.62 | 68.23 | -14.61 |
| | 10360 (Av) | | 40.99 | 54.00 | -13.01 |
| | 15540 (Pk) | | 52.75 | 68.23 | -15.48 |
| | 15540 (Av) | | 40.98 | 54.00 | -13.02 |
| 5200 | 5200 (Pk) | Vertical | 119.27 | - | - |
| | 5200 (Av) | | 105.70 | - | - |
| | 5150 (Pk) | | 52.43 | 74.00* | -21.57 |
| | 5150 (Av) | | 39.51 | 54.00* | -14.49 |
| | 10400 (Pk) | | 56.42 | 68.23 | -11.81 |
| | 10400 (Av) | | 42.96 | 54.00 | -11.04 |
| | 15600 (Pk) | | 53.06 | 68.23 | -15.17 |
| | 15600 (Av) | | 40.57 | 54.00 | -13.43 |
| | 5200 (Pk) | Horizontal | 118.51 | - | - |
| | 5200 (Av) | | 105.69 | - | - |
| | 5150 (Pk) | | 51.49 | 74.00* | -22.51 |
| | 5150 (Av) | | 38.86 | 54.00* | -15.14 |
| | 10400 (Pk) | | 52.94 | 68.23 | -15.29 |
| | 10400 (Av) | | 41.48 | 54.00 | -12.52 |
| | 15600 (Pk) | | 52.62 | 68.23 | -15.61 |
| | 15600 (Av) | | 40.61 | 54.00 | -13.39 |
| 5240 | 5240 (Pk) | Vertical | 119.05 | - | - |
| | 5240 (Av) | | 105.56 | - | - |
| | 5350 (Pk) | | 50.48 | 74.00* | -23.52 |
| | 5350 (Av) | | 38.34 | 54.00* | -15.66 |
| | 10480 (Pk) | | 56.45 | 68.23 | -11.78 |
| | 10480 (Av) | | 42.90 | 54.00 | -11.10 |
| | 15720 (Pk) | | 53.09 | 68.23 | -15.14 |
| | 15720 (Av) | | 40.60 | 54.00 | -13.40 |
| | 5240 (Pk) | Horizontal | 118.69 | - | - |
| | 5240 (Av) | | 105.68 | - | - |
| | 5350 (Pk) | | 50.36 | 74.00* | -23.64 |
| | 5350 (Av) | | 38.33 | 54.00* | -15.67 |
| | 10480 (Pk) | | 52.49 | 68.23 | -15.74 |
| | 10480 (Av) | | 41.72 | 54.00 | -12.28 |
| | 15720 (Pk) | | 52.74 | 68.23 | -15.49 |
| | 15720 (Av) | | 40.58 | 54.00 | -13.42 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 120.36 | - | - |
| | 5745 (Av) | | 107.29 | - | - |
| | 5725(Pk) | | 78.26 | 122.20* | -43.94 |
| | 5720(Pk) | | 72.38 | 110.80* | -38.42 |
| | 5700(Pk) | | 54.14 | 105.20* | -51.06 |
| | 5650(Pk) | | 51.13 | 68.20* | -17.07 |
| | 11490 (Pk) | | 57.53 | 68.23 | -10.70 |
| | 11490 (Av) | | 45.37 | 54.00 | -8.63 |
| | 17235 (Pk) | | 59.10 | 68.23 | -9.13 |
| | 17235 (Av) | | 46.34 | 54.00 | -7.66 |
| | 5745 (Pk) | Horizontal | 119.72 | - | - |
| | 5745 (Av) | | 106.27 | - | - |
| | 5725(Pk) | | 74.73 | 122.20* | -47.47 |
| | 5720(Pk) | | 70.03 | 110.80* | -40.77 |
| | 5700(Pk) | | 53.39 | 105.20* | -51.81 |
| | 5650(Pk) | | 57.72 | 68.20* | -10.48 |
| | 11490 (Pk) | | 56.78 | 68.23 | -11.45 |
| | 11490 (Av) | | 45.13 | 54.00 | -8.87 |
| | 17235 (Pk) | | 58.26 | 68.23 | -9.97 |
| | 17235 (Av) | | 46.34 | 54.00 | -7.66 |
| 5785 | 5785 (Pk) | Vertical | 120.73 | - | - |
| | 5785 (Av) | | 107.79 | - | - |
| | 5725(Pk) | | 56.18 | 122.20* | -66.02 |
| | 5720(Pk) | | 50.30 | 110.80* | -60.50 |
| | 5700(Pk) | | 48.70 | 105.20* | -56.50 |
| | 5650(Pk) | | 50.33 | 68.20* | -17.87 |
| | 11570 (Pk) | | 56.32 | 68.23 | -11.91 |
| | 11570 (Av) | | 44.29 | 54.00 | -9.71 |
| | 17355 (Pk) | | 58.58 | 68.23 | -9.65 |
| | 17355 (Av) | | 46.73 | 54.00 | -7.27 |
| | 5785 (Pk) | Horizontal | 119.88 | - | - |
| | 5785 (Av) | | 106.83 | - | - |
| | 5725(Pk) | | 55.58 | 122.20* | -66.62 |
| | 5720(Pk) | | 49.04 | 110.80* | -61.76 |
| | 5700(Pk) | | 47.66 | 105.20* | -57.54 |
| | 5650(Pk) | | 48.41 | 68.20* | -19.79 |
| | 11570 (Pk) | | 56.74 | 68.23 | -11.49 |
| | 11570 (Av) | | 45.07 | 54.00 | -8.93 |
| | 17355 (Pk) | | 59.66 | 68.23 | -8.57 |
| | 17355 (Av) | | 46.80 | 54.00 | -7.20 |
| 5825 | 5825 (Pk) | Vertical | 121.03 | - | - |
| | 5825 (Av) | | 107.91 | - | - |
| | 5850 (Pk) | | 72.88 | 122.20* | -49.32 |
| | 5855(Pk) | | 67.22 | 110.80* | -43.58 |
| | 5875(Pk) | | 54.50 | 105.20* | -50.70 |
| | 5925 (Pk) | | 53.96 | 68.20* | -14.24 |
| | 11650 (Pk) | | 56.01 | 68.23 | -12.22 |
| | 11650 (Av) | | 44.44 | 54.00 | -9.56 |
| | 17475 (Pk) | | 59.54 | 68.23 | -8.69 |
| | 17475 (Av) | | 47.42 | 54.00 | -6.58 |
| | 5825 (Pk) | Horizontal | 120.58 | - | - |
| | 5825 (Av) | | 107.16 | - | - |
| | 5850 (Pk) | | 71.61 | 122.20* | -50.59 |
| | 5855(Pk) | | 65.51 | 110.80* | -45.29 |
| | 5875(Pk) | | 53.82 | 105.20* | -51.38 |
| | 5925 (Pk) | | 53.43 | 68.20* | -14.77 |
| | 11650 (Pk) | | 59.31 | 68.23 | -8.92 |
| | 11650 (Av) | | 44.90 | 54.00 | -9.10 |
| | 17475 (Pk) | | 60.26 | 68.23 | -7.97 |
| | 17475 (Pk) | | 47.42 | 54.00 | -6.58 |

**Channel Bandwidth: 40MHz**

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 113.29 | - | - |
| | 5190 (Av) | | 102.79 | - | - |
| | 5150 (Pk) | | 72.48 | 74.00* | -1.52 |
| | 5150 (Av) | | 57.22 | 54.00* | 3.22 |
| | 10380 (Pk) | | 52.54 | 68.23 | -15.69 |
| | 10380 (Av) | | 40.84 | 54.00 | -13.16 |
| | 15570 (Pk) | | 52.56 | 68.23 | -15.67 |
| | 15570 (Av) | | 40.72 | 54.00 | -13.28 |
| | 5190 (Pk) | Horizontal | 113.51 | - | - |
| | 5190 (Av) | | 102.41 | - | - |
| | 5150 (Pk) | | 69.62 | 74.00* | -4.38 |
| | 5150 (Av) | | 52.56 | 54.00* | -1.44 |
| | 10380 (Pk) | | 53.30 | 68.23 | -14.93 |
| | 10380 (Av) | | 40.66 | 54.00 | -13.34 |
| | 15570 (Pk) | | 53.05 | 68.23 | -15.18 |
| | 15570 (Av) | | 40.70 | 54.00 | -13.30 |
| 5230 | 5230 (Pk) | Vertical | 115.82 | - | - |
| | 5230 (Av) | | 105.15 | - | - |
| | 5350 (Pk) | | 52.08 | 74.00* | -21.92 |
| | 5350 (Av) | | 39.12 | 54.00* | -14.88 |
| | 10460 (Pk) | | 56.45 | 68.23 | -11.78 |
| | 10460 (Av) | | 43.08 | 54.00 | -10.92 |
| | 15690 (Pk) | | 52.72 | 68.23 | -15.51 |
| | 15690 (Av) | | 40.46 | 54.00 | -13.54 |
| | 5230 (Pk) | Horizontal | 116.94 | - | - |
| | 5230 (Av) | | 105.56 | - | - |
| | 5350 (Pk) | | 52.73 | 74.00* | -21.27 |
| | 5350 (Av) | | 39.02 | 54.00* | -14.98 |
| | 10460 (Pk) | | 53.62 | 68.23 | -14.61 |
| | 10460 (Av) | | 42.02 | 54.00 | -11.98 |
| | 15690 (Pk) | | 52.64 | 68.23 | -15.59 |
| | 15690 (Av) | | 40.47 | 54.00 | -13.53 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 117.72 | - | - |
| | 5755 (Av) | | 107.34 | - | - |
| | 5725(Pk) | | 84.54 | 122.20* | -37.66 |
| | 5720(Pk) | | 88.83 | 110.80* | -21.97 |
| | 5700(Pk) | | 66.69 | 105.20* | -38.51 |
| | 5650(Pk) | | 53.99 | 68.20* | -14.21 |
| | 11510 (Pk) | | 56.78 | 68.23 | -11.45 |
| | 11510 (Av) | | 44.90 | 54.00 | -9.10 |
| | 17265 (Pk) | | 58.27 | 68.23 | -9.96 |
| | 17265 (Av) | | 45.93 | 54.00 | -8.07 |
| | 5755 (Pk) | Horizontal | 116.85 | - | - |
| | 5755 (Av) | | 106.15 | - | - |
| | 5725(Pk) | | 84.26 | 122.20* | -37.94 |
| | 5720(Pk) | | 81.36 | 110.80* | -29.44 |
| | 5700(Pk) | | 65.88 | 105.20* | -39.32 |
| | 5650(Pk) | | 54.53 | 68.20* | -13.67 |
| | 11510 (Pk) | | 56.44 | 68.23 | -11.79 |
| | 11510 (Av) | | 44.48 | 54.00 | -9.52 |
| | 17265 (Pk) | | 57.55 | 68.23 | -10.68 |
| | 17265 (Av) | | 45.88 | 54.00 | -8.12 |
| 5795 | 5795 (Pk) | Vertical | 117.50 | - | - |
| | 5795 (Av) | | 106.97 | - | - |
| | 5850 (Pk) | | 65.83 | 122.20* | -56.37 |
| | 5855(Pk) | | 65.29 | 110.80* | -45.51 |
| | 5875(Pk) | | 60.03 | 105.20* | -45.17 |
| | 5925 (Pk) | | 54.64 | 68.20* | -13.56 |
| | 11590 (Pk) | | 57.52 | 68.23 | -10.71 |
| | 11590 (Av) | | 44.26 | 54.00 | -9.74 |
| | 17385 (Pk) | | 58.42 | 68.23 | -9.81 |
| | 17385 (Pk) | | 46.34 | 54.00 | -7.66 |
| | 5795 (Pk) | Horizontal | 116.80 | - | - |
| | 5795 (Av) | | 105.72 | - | - |
| | 5850 (Pk) | | 64.97 | 122.20* | -57.23 |
| | 5855(Pk) | | 60.03 | 110.80* | -50.77 |
| | 5875(Pk) | | 57.73 | 105.20* | -47.47 |
| | 5925 (Pk) | | 53.27 | 68.20* | -14.93 |
| | 11590 (Pk) | | 56.35 | 68.23 | -11.88 |
| | 11590 (Av) | | 44.20 | 54.00 | -9.80 |
| | 17385 (Pk) | | 59.13 | 68.23 | -9.10 |
| | 17385 (Pk) | | 46.32 | 54.00 | -7.68 |

**Modulation:** **802.11ac**

**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 112.19 | - | - |
| | 5190 (Av) | | 101.72 | - | - |
| | 5150 (Pk) | | 68.92 | 74.00* | -5.08 |
| | 5150 (Av) | | 53.89 | 54.00* | -0.11 |
| | 10380 (Pk) | | 52.22 | 68.23 | -16.01 |
| | 10380 (Av) | | 40.63 | 54.00 | -13.37 |
| | 15570 (Pk) | | 53.13 | 68.23 | -15.10 |
| | 15570 (Av) | | 40.56 | 54.00 | -13.44 |
| | 5190 (Pk) | Horizontal | 112.63 | - | - |
| | 5190 (Av) | | 101.62 | - | - |
| | 5150 (Pk) | | 67.13 | 74.00* | -6.87 |
| | 5150 (Av) | | 49.91 | 54.00* | -4.09 |
| | 10380 (Pk) | | 52.58 | 68.23 | -15.65 |
| | 10380 (Av) | | 40.57 | 54.00 | -13.43 |
| | 15570 (Pk) | | 52.97 | 68.23 | -15.26 |
| | 15570 (Av) | | 40.60 | 54.00 | -13.40 |
| 5230 | 5230 (Pk) | Vertical | 115.77 | - | - |
| | 5230 (Av) | | 105.19 | - | - |
| | 5350 (Pk) | | 51.48 | 74.00* | -22.52 |
| | 5350 (Av) | | 39.14 | 54.00* | -14.86 |
| | 10460 (Pk) | | 56.06 | 68.23 | -12.17 |
| | 10460 (Av) | | 42.90 | 54.00 | -11.10 |
| | 15690 (Pk) | | 52.40 | 68.23 | -15.83 |
| | 15690 (Av) | | 40.45 | 54.00 | -13.55 |
| | 5230 (Pk) | Horizontal | 116.59 | - | - |
| | 5230 (Av) | | 105.74 | - | - |
| | 5350 (Pk) | | 51.47 | 74.00* | -22.53 |
| | 5350 (Av) | | 39.06 | 54.00* | -14.94 |
| | 10460 (Pk) | | 58.00 | 68.23 | -10.23 |
| | 10460 (Av) | | 43.96 | 54.00 | -10.04 |
| | 15690 (Pk) | | 52.88 | 68.23 | -15.35 |
| | 15690 (Av) | | 40.42 | 54.00 | -13.58 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 114.80 | - | - |
| | 5755 (Av) | | 104.56 | - | - |
| | 5725(Pk) | | 81.21 | 122.20* | -40.99 |
| | 5720(Pk) | | 79.10 | 110.80* | -31.70 |
| | 5700(Pk) | | 61.94 | 105.20* | -43.26 |
| | 5650(Pk) | | 50.79 | 68.20* | -17.41 |
| | 11510 (Pk) | | 54.38 | 68.23 | -13.85 |
| | 11510 (Av) | | 42.82 | 54.00 | -11.18 |
| | 17265 (Pk) | | 55.47 | 68.23 | -12.76 |
| | 17265 (Av) | | 44.03 | 54.00 | -9.97 |
| | 5755 (Pk) | Horizontal | 112.90 | - | - |
| | 5755 (Av) | | 102.03 | - | - |
| | 5725(Pk) | | 73.08 | 122.20* | -49.12 |
| | 5720(Pk) | | 68.78 | 110.80* | -42.02 |
| | 5700(Pk) | | 53.31 | 105.20* | -51.89 |
| | 5650(Pk) | | 50.80 | 68.20* | -17.40 |
| | 11510 (Pk) | | 55.29 | 68.23 | -12.94 |
| | 11510 (Av) | | 43.15 | 54.00 | -10.85 |
| | 17265 (Pk) | | 56.90 | 68.23 | -11.33 |
| | 17265 (Av) | | 44.02 | 54.00 | -9.98 |
| 5795 | 5795 (Pk) | Vertical | 114.00 | - | - |
| | 5795 (Av) | | 103.55 | - | - |
| | 5850 (Pk) | | 56.75 | 122.20* | -65.45 |
| | 5855(Pk) | | 56.89 | 110.80* | -53.91 |
| | 5875(Pk) | | 50.76 | 105.20* | -54.44 |
| | 5925 (Pk) | | 50.53 | 68.20* | -17.67 |
| | 11590 (Pk) | | 54.88 | 68.23 | -13.35 |
| | 11590 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17385 (Pk) | | 56.68 | 68.23 | -11.55 |
| | 17385 (Pk) | | 44.16 | 54.00 | -9.84 |
| | 5795 (Pk) | Horizontal | 112.74 | - | - |
| | 5795 (Av) | | 102.02 | - | - |
| | 5850 (Pk) | | 53.99 | 122.20* | -68.21 |
| | 5855(Pk) | | 53.48 | 110.80* | -57.32 |
| | 5875(Pk) | | 50.36 | 105.20* | -54.84 |
| | 5925 (Pk) | | 49.19 | 68.20* | -19.01 |
| | 11590 (Pk) | | 55.19 | 68.23 | -13.04 |
| | 11590 (Av) | | 42.98 | 54.00 | -11.02 |
| | 17385 (Pk) | | 56.59 | 68.23 | -11.64 |
| | 17385 (Pk) | | 44.12 | 54.00 | -9.88 |

**Modulation:** **802.11ax**

**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 114.67 | - | - |
| | 5190 (Av) | | 101.26 | - | - |
| | 5150 (Pk) | | 68.46 | 74.00* | -5.54 |
| | 5150 (Av) | | 53.17 | 54.00* | -0.83 |
| | 10380 (Pk) | | 52.55 | 68.23 | -15.68 |
| | 10380 (Av) | | 40.59 | 54.00 | -13.41 |
| | 15570 (Pk) | | 52.66 | 68.23 | -15.57 |
| | 15570 (Av) | | 40.58 | 54.00 | -13.42 |
| | 5190 (Pk) | Horizontal | 114.66 | - | - |
| | 5190 (Av) | | 101.44 | - | - |
| | 5150 (Pk) | | 66.45 | 74.00* | -7.55 |
| | 5150 (Av) | | 50.24 | 54.00* | -3.76 |
| | 10380 (Pk) | | 52.19 | 68.23 | -16.04 |
| | 10380 (Av) | | 40.57 | 54.00 | -13.43 |
| | 15570 (Pk) | | 52.81 | 68.23 | -15.42 |
| | 15570 (Av) | | 40.66 | 54.00 | -13.34 |
| 5230 | 5230 (Pk) | Vertical | 117.91 | - | - |
| | 5230 (Av) | | 104.84 | - | - |
| | 5350 (Pk) | | 51.70 | 74.00* | -22.30 |
| | 5350 (Av) | | 39.18 | 54.00* | -14.82 |
| | 10460 (Pk) | | 56.41 | 68.23 | -11.82 |
| | 10460 (Av) | | 43.48 | 54.00 | -10.52 |
| | 15690 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 15690 (Av) | | 40.53 | 54.00 | -13.47 |
| | 5230 (Pk) | Horizontal | 119.07 | - | - |
| | 5230 (Av) | | 105.36 | - | - |
| | 5350 (Pk) | | 52.06 | 74.00* | -21.94 |
| | 5350 (Av) | | 39.05 | 54.00* | -14.95 |
| | 10460 (Pk) | | 57.40 | 68.23 | -10.83 |
| | 10460 (Av) | | 43.60 | 54.00 | -10.40 |
| | 15690 (Pk) | | 53.96 | 68.23 | -14.27 |
| | 15690 (Av) | | 40.47 | 54.00 | -13.53 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 116.70 | - | - |
| | 5755 (Av) | | 103.00 | - | - |
| | 5725(Pk) | | 76.87 | 122.20* | -45.33 |
| | 5720(Pk) | | 75.85 | 110.80* | -34.95 |
| | 5700(Pk) | | 59.66 | 105.20* | -45.54 |
| | 5650(Pk) | | 48.88 | 68.20* | -19.32 |
| | 11510 (Pk) | | 55.58 | 68.23 | -12.65 |
| | 11510 (Av) | | 42.79 | 54.00 | -11.21 |
| | 17265 (Pk) | | 56.26 | 68.23 | -11.97 |
| | 17265 (Av) | | 44.16 | 54.00 | -9.84 |
| | 5755 (Pk) | Horizontal | 115.20 | - | - |
| | 5755 (Av) | | 101.62 | - | - |
| | 5725(Pk) | | 69.45 | 122.20* | -52.75 |
| | 5720(Pk) | | 69.48 | 110.80* | -41.32 |
| | 5700(Pk) | | 53.59 | 105.20* | -51.61 |
| | 5650(Pk) | | 52.21 | 68.20* | -15.99 |
| | 11510 (Pk) | | 55.14 | 68.23 | -13.09 |
| | 11510 (Av) | | 42.75 | 54.00 | -11.25 |
| | 17265 (Pk) | | 56.00 | 68.23 | -12.23 |
| | 17265 (Av) | | 44.08 | 54.00 | -9.92 |
| 5795 | 5795 (Pk) | Vertical | 115.74 | - | - |
| | 5795 (Av) | | 101.88 | - | - |
| | 5850 (Pk) | | 56.45 | 122.20* | -65.75 |
| | 5855(Pk) | | 53.18 | 110.80* | -57.62 |
| | 5875(Pk) | | 49.31 | 105.20* | -55.89 |
| | 5925 (Pk) | | 49.95 | 68.20* | -18.25 |
| | 11590 (Pk) | | 55.00 | 68.23 | -13.23 |
| | 11590 (Av) | | 42.45 | 54.00 | -11.55 |
| | 17385 (Pk) | | 55.97 | 68.23 | -12.26 |
| | 17385 (Pk) | | 44.09 | 54.00 | -9.91 |
| | 5795 (Pk) | Horizontal | 114.09 | - | - |
| | 5795 (Av) | | 101.26 | - | - |
| | 5850 (Pk) | | 53.00 | 122.20* | -69.20 |
| | 5855(Pk) | | 52.09 | 110.80* | -58.71 |
| | 5875(Pk) | | 49.66 | 105.20* | -55.54 |
| | 5925 (Pk) | | 49.19 | 68.20* | -19.01 |
| | 11590 (Pk) | | 55.23 | 68.23 | -13.00 |
| | 11590 (Av) | | 42.56 | 54.00 | -11.44 |
| | 17385 (Pk) | | 56.15 | 68.23 | -12.08 |
| | 17385 (Pk) | | 44.14 | 54.00 | -9.86 |

**Channel Bandwidth: 80MHz**

**Modulation: 802.11ac**

**Data rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 108.65 | - | - |
| | 5210 (Av) | | 98.33 | - | - |
| | 5150 (Pk) | | 67.17 | 74.00* | -6.83 |
| | 5150 (Av) | | 52.81 | 54.00* | -1.19 |
| | 10420 (Pk) | | 52.16 | 68.23 | -16.07 |
| | 10420 (Av) | | 40.42 | 54.00 | -13.58 |
| | 15630 (Pk) | | 53.51 | 68.23 | -14.72 |
| | 15630 (Av) | | 41.64 | 54.00 | -12.36 |
| | 5210 (Pk) | Horizontal | 109.39 | - | - |
| | 5210 (Av) | | 98.48 | - | - |
| | 5150 (Pk) | | 65.68 | 74.00* | -8.32 |
| | 5150 (Av) | | 51.36 | 54.00* | -2.64 |
| | 10420 (Pk) | | 52.66 | 68.23 | -15.57 |
| | 10420 (Av) | | 40.36 | 54.00 | -13.64 |
| | 15630 (Pk) | | 53.63 | 68.23 | -14.60 |
| | 15630 (Av) | | 41.62 | 54.00 | -12.38 |
| 5775 | 5775 (Pk) | Vertical | 111.50 | - | - |
| | 5775 (Pk) | | 101.05 | - | - |
| | 5850 (Pk) | | 70.38 | 122.20* | -51.82 |
| | 5855 (Pk) | | 69.17 | 110.80* | -41.63 |
| | 5875 (Pk) | | 61.02 | 105.20* | -44.18 |
| | 5925 (Pk) | | 51.41 | 68.20* | -16.79 |
| | 11550 (Pk) | | 54.13 | 68.23 | -14.10 |
| | 11550 (Av) | | 42.43 | 54.00 | -11.57 |
| | 17325 (Pk) | | 56.40 | 68.23 | -11.83 |
| | 17325 (Av) | | 43.94 | 54.00 | -10.06 |
| | 5775 (Pk) | Horizontal | 111.30 | - | - |
| | 5775 (Pk) | | 99.58 | - | - |
| | 5850 (Pk) | | 65.39 | 122.20* | -56.81 |
| | 5855 (Pk) | | 63.10 | 110.80* | -47.70 |
| | 5875 (Pk) | | 56.43 | 105.20* | -48.77 |
| | 5925 (Pk) | | 51.11 | 68.20* | -17.09 |
| | 11550 (Av) | | 54.76 | 68.23 | -13.47 |
| | 11550 (Pk) | | 42.57 | 54.00 | -11.43 |
| | 17325 (Pk) | | 57.33 | 68.23 | -10.90 |
| | 17325 (Av) | | 44.59 | 54.00 | -9.41 |

**Modulation:** **802.11ax**

**Data rate:** **MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 112.68 | - | - |
| | 5210 (Av) | | 99.39 | - | - |
| | 5150 (Pk) | | 69.95 | 74.00* | -4.05 |
| | 5150 (Av) | | 56.28 | 54.00* | 2.28 |
| | 10420 (Pk) | | 52.08 | 68.23 | -16.15 |
| | 10420 (Av) | | 40.36 | 54.00 | -13.64 |
| | 15630 (Pk) | | 54.61 | 68.23 | -13.62 |
| | 15630 (Av) | | 41.77 | 54.00 | -12.23 |
| | 5210 (Pk) | Horizontal | 112.70 | - | - |
| | 5210 (Av) | | 99.55 | - | - |
| | 5150 (Pk) | | 68.98 | 74.00* | -5.02 |
| | 5150 (Av) | | 55.32 | 54.00* | 1.32 |
| | 10420 (Pk) | | 52.65 | 68.23 | -15.58 |
| | 10420 (Av) | | 40.28 | 54.00 | -13.72 |
| | 15630 (Pk) | | 53.87 | 68.23 | -14.36 |
| | 15630 (Av) | | 41.70 | 54.00 | -12.30 |
| 5775 | 5775 (Pk) | Vertical | 115.00 | - | - |
| | 5775 (Pk) | | 101.22 | - | - |
| | 5850 (Pk) | | 72.49 | 122.20* | -49.71 |
| | 5855 (Pk) | | 71.22 | 110.80* | -39.58 |
| | 5875 (Pk) | | 64.53 | 105.20* | -40.67 |
| | 5925 (Pk) | | 52.05 | 68.20* | -16.15 |
| | 11550 (Pk) | | 55.11 | 68.23 | -13.12 |
| | 11550 (Av) | | 42.43 | 54.00 | -11.57 |
| | 17325 (Pk) | | 56.39 | 68.23 | -11.84 |
| | 17325 (Av) | | 43.96 | 54.00 | -10.04 |
| | 5775 (Pk) | Horizontal | 113.73 | - | - |
| | 5775 (Pk) | | 99.81 | - | - |
| | 5850 (Pk) | | 66.27 | 122.20* | -55.93 |
| | 5855 (Pk) | | 65.97 | 110.80* | -44.83 |
| | 5875 (Pk) | | 57.72 | 105.20* | -47.48 |
| | 5925 (Pk) | | 50.21 | 68.20* | -17.99 |
| | 11550 (Av) | | 55.28 | 68.23 | -12.95 |
| | 11550 (Pk) | | 42.76 | 54.00 | -11.24 |
| | 17325 (Pk) | | 55.78 | 68.23 | -12.45 |
| | 17325 (Av) | | 43.95 | 54.00 | -10.05 |

**Antenna Type & Antenna Gain: Sector Antenna & 21dBi**

**Modulation: 802.11a**

**Data Rate: 6Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 109.83 | - | - |
| | 5180 (Av) | | 99.96 | - | - |
| | 5150 (Pk) | | 50.90 | 74.00* | -23.10 |
| | 5150 (Av) | | 37.68 | 54.00* | -16.32 |
| | 10360 (Pk) | | 52.15 | 68.23 | -16.08 |
| | 10360 (Av) | | 39.92 | 54.00 | -14.08 |
| | 15540 (Pk) | | 54.38 | 68.23 | -13.85 |
| | 15540 (Av) | | 42.48 | 54.00 | -11.52 |
| | 5180 (Pk) | Horizontal | 114.09 | - | - |
| | 5180 (Av) | | 104.85 | - | - |
| | 5150 (Pk) | | 55.82 | 74.00* | -18.18 |
| | 5150 (Av) | | 42.11 | 54.00* | -11.89 |
| | 10360 (Pk) | | 52.08 | 68.23 | -16.15 |
| | 10360 (Av) | | 39.92 | 54.00 | -14.08 |
| | 15540 (Pk) | | 54.99 | 68.23 | -13.24 |
| | 15540 (Av) | | 42.47 | 54.00 | -11.53 |
| 5200 | 5200 (Pk) | Vertical | 108.97 | - | - |
| | 5200 (Av) | | 98.50 | - | - |
| | 5150 (Pk) | | 44.95 | 74.00* | -29.05 |
| | 5150 (Av) | | 32.56 | 54.00* | -21.44 |
| | 10400 (Pk) | | 52.18 | 68.23 | -16.05 |
| | 10400 (Av) | | 40.12 | 54.00 | -13.88 |
| | 15600 (Pk) | | 53.70 | 68.23 | -14.53 |
| | 15600 (Av) | | 42.12 | 54.00 | -11.88 |
| | 5200 (Pk) | Horizontal | 112.77 | - | - |
| | 5200 (Av) | | 103.75 | - | - |
| | 5150 (Pk) | | 48.94 | 74.00* | -25.06 |
| | 5150 (Av) | | 36.20 | 54.00* | -17.80 |
| | 10400 (Pk) | | 53.42 | 68.23 | -14.81 |
| | 10400 (Av) | | 40.25 | 54.00 | -13.75 |
| | 15600 (Pk) | | 53.50 | 68.23 | -14.73 |
| | 15600 (Av) | | 42.10 | 54.00 | -11.90 |
| 5240 | 5240 (Pk) | Vertical | 109.86 | - | - |
| | 5240 (Av) | | 98.77 | - | - |
| | 5350 (Pk) | | 44.95 | 74.00* | -29.05 |
| | 5350 (Av) | | 32.77 | 54.00* | -21.23 |
| | 10480 (Pk) | | 53.03 | 68.23 | -15.20 |
| | 10480 (Av) | | 40.79 | 54.00 | -13.21 |
| | 15720 (Pk) | | 53.69 | 68.23 | -14.54 |
| | 15720 (Av) | | 41.78 | 54.00 | -12.22 |
| | 5240 (Pk) | Horizontal | 113.23 | - | - |
| | 5240 (Av) | | 104.10 | - | - |
| | 5350 (Pk) | | 47.76 | 74.00* | -26.24 |
| | 5350 (Av) | | 35.04 | 54.00* | -18.96 |
| | 10480 (Pk) | | 54.04 | 68.23 | -14.19 |
| | 10480 (Av) | | 40.74 | 54.00 | -13.26 |
| | 15720 (Pk) | | 53.31 | 68.23 | -14.92 |
| | 15720 (Av) | | 41.76 | 54.00 | -12.24 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 111.14 | - | - |
| | 5745 (Av) | | 101.35 | - | - |
| | 5725(Pk) | | 54.80 | 122.20* | -67.40 |
| | 5720(Pk) | | 51.44 | 110.80* | -59.36 |
| | 5700(Pk) | | 47.11 | 105.20* | -58.09 |
| | 5650(Pk) | | 49.50 | 68.20* | -18.70 |
| | 11490 (Pk) | | 54.97 | 68.23 | -13.26 |
| | 11490 (Av) | | 43.14 | 54.00 | -10.86 |
| | 17235 (Pk) | | 57.94 | 68.23 | -10.29 |
| | 17235 (Av) | | 45.32 | 54.00 | -8.68 |
| | 5745 (Pk) | Horizontal | 112.99 | - | - |
| | 5745 (Av) | | 103.64 | - | - |
| | 5725(Pk) | | 58.96 | 122.20* | -63.24 |
| | 5720(Pk) | | 53.12 | 110.80* | -57.68 |
| | 5700(Pk) | | 49.28 | 105.20* | -55.92 |
| | 5650(Pk) | | 48.89 | 68.20* | -19.31 |
| | 11490 (Pk) | | 55.67 | 68.23 | -12.56 |
| | 11490 (Av) | | 43.60 | 54.00 | -10.40 |
| | 17235 (Pk) | | 57.32 | 68.23 | -10.91 |
| | 17235 (Av) | | 45.25 | 54.00 | -8.75 |
| 5785 | 5785 (Pk) | Vertical | 112.51 | - | - |
| | 5785 (Av) | | 102.73 | - | - |
| | 5725(Pk) | | 51.64 | 122.20* | -70.56 |
| | 5720(Pk) | | 45.86 | 110.80* | -64.94 |
| | 5700(Pk) | | 45.37 | 105.20* | -59.83 |
| | 5650(Pk) | | 44.94 | 68.20* | -23.26 |
| | 11570 (Pk) | | 55.00 | 68.23 | -13.23 |
| | 11570 (Av) | | 43.05 | 54.00 | -10.95 |
| | 17355 (Pk) | | 57.53 | 68.23 | -10.70 |
| | 17355 (Av) | | 45.56 | 54.00 | -8.44 |
| | 5785 (Pk) | Horizontal | 113.25 | - | - |
| | 5785 (Av) | | 103.90 | - | - |
| | 5725(Pk) | | 51.67 | 122.20* | -70.53 |
| | 5720(Pk) | | 45.31 | 110.80* | -65.49 |
| | 5700(Pk) | | 45.81 | 105.20* | -59.39 |
| | 5650(Pk) | | 46.27 | 68.20* | -21.93 |
| | 11570 (Pk) | | 55.57 | 68.23 | -12.66 |
| | 11570 (Av) | | 42.76 | 54.00 | -11.24 |
| | 17355 (Pk) | | 57.27 | 68.23 | -10.96 |
| | 17355 (Av) | | 45.25 | 54.00 | -8.75 |
| 5825 | 5825 (Pk) | Vertical | 107.81 | - | - |
| | 5825 (Av) | | 98.42 | - | - |
| | 5850 (Pk) | | 49.49 | 122.20* | -72.71 |
| | 5855(Pk) | | 48.55 | 110.80* | -62.25 |
| | 5875(Pk) | | 45.87 | 105.20* | -59.33 |
| | 5925 (Pk) | | 45.62 | 68.20* | -22.58 |
| | 11650 (Pk) | | 54.62 | 68.23 | -13.61 |
| | 11650 (Av) | | 42.49 | 54.00 | -11.51 |
| | 17475 (Pk) | | 57.96 | 68.23 | -10.27 |
| | 17475 (Av) | | 46.78 | 54.00 | -7.22 |
| | 5825 (Pk) | Horizontal | 114.16 | - | - |
| | 5825 (Av) | | 104.22 | - | - |
| | 5850 (Pk) | | 55.47 | 122.20* | -66.73 |
| | 5855(Pk) | | 54.66 | 110.80* | -56.14 |
| | 5875(Pk) | | 49.01 | 105.20* | -56.19 |
| | 5925 (Pk) | | 50.39 | 68.20* | -17.81 |
| | 11650 (Pk) | | 55.03 | 68.23 | -13.20 |
| | 11650 (Av) | | 42.53 | 54.00 | -11.47 |
| | 17475 (Pk) | | 59.36 | 68.23 | -8.87 |
| | 17475 (Pk) | | 46.77 | 54.00 | -7.23 |

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 105.42 | - | - |
| | 5180 (Av) | | 93.69 | - | - |
| | 5150 (Pk) | | 46.49 | 74.00* | -27.51 |
| | 5150 (Av) | | 33.87 | 54.00* | -20.13 |
| | 10360 (Pk) | | 51.60 | 68.23 | -16.63 |
| | 10360 (Av) | | 39.90 | 54.00 | -14.10 |
| | 15540 (Pk) | | 54.33 | 68.23 | -13.90 |
| | 15540 (Av) | | 42.43 | 54.00 | -11.57 |
| | 5180 (Pk) | Horizontal | 109.94 | - | - |
| | 5180 (Av) | | 98.85 | - | - |
| | 5150 (Pk) | | 50.10 | 74.00* | -23.90 |
| | 5150 (Av) | | 37.64 | 54.00* | -16.36 |
| | 10360 (Pk) | | 52.37 | 68.23 | -15.86 |
| | 10360 (Av) | | 39.88 | 54.00 | -14.12 |
| | 15540 (Pk) | | 54.64 | 68.23 | -13.59 |
| | 15540 (Av) | | 42.53 | 54.00 | -11.47 |
| 5200 | 5200 (Pk) | Vertical | 104.46 | - | - |
| | 5200 (Av) | | 93.37 | - | - |
| | 5150 (Pk) | | 42.93 | 74.00* | -31.07 |
| | 5150 (Av) | | 30.96 | 54.00* | -23.04 |
| | 10400 (Pk) | | 51.82 | 68.23 | -16.41 |
| | 10400 (Av) | | 40.13 | 54.00 | -13.87 |
| | 15600 (Pk) | | 54.29 | 68.23 | -13.94 |
| | 15600 (Av) | | 42.11 | 54.00 | -11.89 |
| | 5200 (Pk) | Horizontal | 109.87 | - | - |
| | 5200 (Av) | | 99.10 | - | - |
| | 5150 (Pk) | | 46.12 | 74.00* | -27.88 |
| | 5150 (Av) | | 33.63 | 54.00* | -20.37 |
| | 10400 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 10400 (Av) | | 40.13 | 54.00 | -13.87 |
| | 15600 (Pk) | | 55.46 | 68.23 | -12.77 |
| | 15600 (Av) | | 42.10 | 54.00 | -11.90 |
| 5240 | 5240 (Pk) | Vertical | 104.15 | - | - |
| | 5240 (Av) | | 92.68 | - | - |
| | 5350 (Pk) | | 43.30 | 74.00* | -30.70 |
| | 5350 (Av) | | 30.98 | 54.00* | -23.02 |
| | 10480 (Pk) | | 52.82 | 68.23 | -15.41 |
| | 10480 (Av) | | 40.73 | 54.00 | -13.27 |
| | 15720 (Pk) | | 54.00 | 68.23 | -14.23 |
| | 15720 (Av) | | 41.73 | 54.00 | -12.27 |
| | 5240 (Pk) | Horizontal | 109.16 | - | - |
| | 5240 (Av) | | 98.59 | - | - |
| | 5350 (Pk) | | 44.25 | 74.00* | -29.75 |
| | 5350 (Av) | | 32.50 | 54.00* | -21.50 |
| | 10480 (Pk) | | 52.90 | 68.23 | -15.33 |
| | 10480 (Av) | | 40.68 | 54.00 | -13.32 |
| | 15720 (Pk) | | 53.48 | 68.23 | -14.75 |
| | 15720 (Av) | | 41.75 | 54.00 | -12.25 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 106.81 | - | - |
| | 5745 (Av) | | 96.39 | - | - |
| | 5725(Pk) | | 48.97 | 122.20* | -73.23 |
| | 5720(Pk) | | 47.10 | 110.80* | -63.70 |
| | 5700(Pk) | | 44.94 | 105.20* | -60.26 |
| | 5650(Pk) | | 43.56 | 68.20* | -24.64 |
| | 11490 (Pk) | | 54.99 | 68.23 | -13.24 |
| | 11490 (Av) | | 43.13 | 54.00 | -10.87 |
| | 17235 (Pk) | | 58.23 | 68.23 | -10.00 |
| | 17235 (Av) | | 45.16 | 54.00 | -8.84 |
| | 5745 (Pk) | Horizontal | 113.25 | - | - |
| | 5745 (Av) | | 102.50 | - | - |
| | 5725(Pk) | | 62.26 | 122.20* | -59.94 |
| | 5720(Pk) | | 52.90 | 110.80* | -57.90 |
| | 5700(Pk) | | 48.55 | 105.20* | -56.65 |
| | 5650(Pk) | | 51.61 | 68.20* | -16.59 |
| | 11490 (Pk) | | 54.99 | 68.23 | -13.24 |
| | 11490 (Av) | | 43.21 | 54.00 | -10.79 |
| | 17235 (Pk) | | 57.16 | 68.23 | -11.07 |
| | 17235 (Av) | | 45.18 | 54.00 | -8.82 |
| 5785 | 5785 (Pk) | Vertical | 106.61 | - | - |
| | 5785 (Av) | | 95.98 | - | - |
| | 5725(Pk) | | 48.34 | 122.20* | -73.86 |
| | 5720(Pk) | | 44.23 | 110.80* | -66.57 |
| | 5700(Pk) | | 43.79 | 105.20* | -61.41 |
| | 5650(Pk) | | 43.78 | 68.20* | -24.42 |
| | 11570 (Pk) | | 55.64 | 68.23 | -12.59 |
| | 11570 (Av) | | 42.76 | 54.00 | -11.24 |
| | 17355 (Pk) | | 57.52 | 68.23 | -10.71 |
| | 17355 (Av) | | 45.52 | 54.00 | -8.48 |
| | 5785 (Pk) | Horizontal | 113.34 | - | - |
| | 5785 (Av) | | 102.35 | - | - |
| | 5725(Pk) | | 51.13 | 122.20* | -71.07 |
| | 5720(Pk) | | 46.61 | 110.80* | -64.19 |
| | 5700(Pk) | | 44.99 | 105.20* | -60.21 |
| | 5650(Pk) | | 45.37 | 68.20* | -22.83 |
| | 11570 (Pk) | | 55.49 | 68.23 | -12.74 |
| | 11570 (Av) | | 42.98 | 54.00 | -11.02 |
| | 17355 (Pk) | | 57.46 | 68.23 | -10.77 |
| | 17355 (Av) | | 45.52 | 54.00 | -8.48 |
| 5825 | 5825 (Pk) | Vertical | 108.08 | - | - |
| | 5825 (Av) | | 97.12 | - | - |
| | 5850 (Pk) | | 49.82 | 122.20* | -72.38 |
| | 5855(Pk) | | 48.85 | 110.80* | -61.95 |
| | 5875(Pk) | | 45.28 | 105.20* | -59.92 |
| | 5925 (Pk) | | 45.25 | 68.20* | -22.95 |
| | 11650 (Pk) | | 54.33 | 68.23 | -13.90 |
| | 11650 (Av) | | 42.37 | 54.00 | -11.63 |
| | 17475 (Pk) | | 59.34 | 68.23 | -8.89 |
| | 17475 (Av) | | 46.73 | 54.00 | -7.27 |
| | 5825 (Pk) | Horizontal | 114.16 | - | - |
| | 5825 (Av) | | 102.93 | - | - |
| | 5850 (Pk) | | 55.66 | 122.20* | -66.54 |
| | 5855(Pk) | | 53.62 | 110.80* | -57.18 |
| | 5875(Pk) | | 49.37 | 105.20* | -55.83 |
| | 5925 (Pk) | | 50.29 | 68.20* | -17.91 |
| | 11650 (Pk) | | 53.89 | 68.23 | -14.34 |
| | 11650 (Av) | | 41.96 | 54.00 | -12.04 |
| | 17475 (Pk) | | 59.55 | 68.23 | -8.68 |
| | 17475 (Pk) | | 46.73 | 54.00 | -7.27 |

**Modulation: 802.11ac**

**Data Rate: MCS8**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 113.22 | - | - |
| | 5180 (Av) | | 101.20 | - | - |
| | 5150 (Pk) | | 56.86 | 74.00* | -17.14 |
| | 5150 (Av) | | 42.42 | 54.00* | -11.58 |
| | 10360 (Pk) | | 51.59 | 68.23 | -16.64 |
| | 10360 (Av) | | 39.87 | 54.00 | -14.13 |
| | 15540 (Pk) | | 55.03 | 68.23 | -13.20 |
| | 15540 (Av) | | 42.46 | 54.00 | -11.54 |
| | 5180 (Pk) | Horizontal | 107.09 | - | - |
| | 5180 (Av) | | 95.32 | - | - |
| | 5150 (Pk) | | 50.83 | 74.00* | -23.17 |
| | 5150 (Av) | | 37.49 | 54.00* | -16.51 |
| | 10360 (Pk) | | 51.64 | 68.23 | -16.59 |
| | 10360 (Av) | | 39.95 | 54.00 | -14.05 |
| | 15540 (Pk) | | 54.60 | 68.23 | -13.63 |
| | 15540 (Av) | | 42.42 | 54.00 | -11.58 |
| 5200 | 5200 (Pk) | Vertical | 106.28 | - | - |
| | 5200 (Av) | | 94.91 | - | - |
| | 5150 (Pk) | | 44.76 | 74.00* | -29.24 |
| | 5150 (Av) | | 32.38 | 54.00* | -21.62 |
| | 10400 (Pk) | | 52.19 | 68.23 | -16.04 |
| | 10400 (Av) | | 40.16 | 54.00 | -13.84 |
| | 15600 (Pk) | | 53.59 | 68.23 | -14.64 |
| | 15600 (Av) | | 42.08 | 54.00 | -11.92 |
| | 5200 (Pk) | Horizontal | 112.54 | - | - |
| | 5200 (Av) | | 100.58 | - | - |
| | 5150 (Pk) | | 48.08 | 74.00* | -25.92 |
| | 5150 (Av) | | 36.29 | 54.00* | -17.71 |
| | 10400 (Pk) | | 52.39 | 68.23 | -15.84 |
| | 10400 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15600 (Pk) | | 53.86 | 68.23 | -14.37 |
| | 15600 (Av) | | 42.13 | 54.00 | -11.87 |
| 5240 | 5240 (Pk) | Vertical | 109.22 | - | - |
| | 5240 (Av) | | 96.49 | - | - |
| | 5350 (Pk) | | 44.77 | 74.00* | -29.23 |
| | 5350 (Av) | | 32.56 | 54.00* | -21.44 |
| | 10480 (Pk) | | 52.76 | 68.23 | -15.47 |
| | 10480 (Av) | | 40.74 | 54.00 | -13.26 |
| | 15720 (Pk) | | 54.03 | 68.23 | -14.20 |
| | 15720 (Av) | | 41.80 | 54.00 | -12.20 |
| | 5240 (Pk) | Horizontal | 113.83 | - | - |
| | 5240 (Av) | | 102.02 | - | - |
| | 5350 (Pk) | | 47.63 | 74.00* | -26.37 |
| | 5350 (Av) | | 35.26 | 54.00* | -18.74 |
| | 10480 (Pk) | | 52.20 | 68.23 | -16.03 |
| | 10480 (Av) | | 40.73 | 54.00 | -13.27 |
| | 15720 (Pk) | | 53.79 | 68.23 | -14.44 |
| | 15720 (Av) | | 41.76 | 54.00 | -12.24 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 110.48 | - | - |
| | 5745 (Av) | | 99.24 | - | - |
| | 5725(Pk) | | 67.81 | 122.20* | -54.39 |
| | 5720(Pk) | | 61.19 | 110.80* | -49.61 |
| | 5700(Pk) | | 49.64 | 105.20* | -55.56 |
| | 5650(Pk) | | 50.53 | 68.20* | -17.67 |
| | 11490 (Pk) | | 55.30 | 68.23 | -12.93 |
| | 11490 (Av) | | 43.11 | 54.00 | -10.89 |
| | 17235 (Pk) | | 57.13 | 68.23 | -11.10 |
| | 17235 (Av) | | 45.15 | 54.00 | -8.85 |
| | 5745 (Pk) | Horizontal | 113.23 | - | - |
| | 5745 (Av) | | 101.37 | - | - |
| | 5725(Pk) | | 70.00 | 122.20* | -52.20 |
| | 5720(Pk) | | 64.34 | 110.80* | -46.46 |
| | 5700(Pk) | | 50.30 | 105.20* | -54.90 |
| | 5650(Pk) | | 47.98 | 68.20* | -20.22 |
| | 11490 (Pk) | | 55.31 | 68.23 | -12.92 |
| | 11490 (Av) | | 43.49 | 54.00 | -10.51 |
| | 17235 (Pk) | | 57.20 | 68.23 | -11.03 |
| | 17235 (Av) | | 45.14 | 54.00 | -8.86 |
| 5785 | 5785 (Pk) | Vertical | 112.32 | - | - |
| | 5785 (Av) | | 100.76 | - | - |
| | 5725(Pk) | | 51.33 | 122.20* | -70.87 |
| | 5720(Pk) | | 46.35 | 110.80* | -64.45 |
| | 5700(Pk) | | 45.25 | 105.20* | -59.95 |
| | 5650(Pk) | | 44.74 | 68.20* | -23.46 |
| | 11570 (Pk) | | 55.20 | 68.23 | -13.03 |
| | 11570 (Av) | | 43.30 | 54.00 | -10.70 |
| | 17355 (Pk) | | 58.40 | 68.23 | -9.83 |
| | 17355 (Av) | | 45.53 | 54.00 | -8.47 |
| | 5785 (Pk) | Horizontal | 113.03 | - | - |
| | 5785 (Av) | | 101.66 | - | - |
| | 5725(Pk) | | 51.00 | 122.20* | -71.20 |
| | 5720(Pk) | | 46.40 | 110.80* | -64.40 |
| | 5700(Pk) | | 46.00 | 105.20* | -59.20 |
| | 5650(Pk) | | 46.88 | 68.20* | -21.32 |
| | 11570 (Pk) | | 54.86 | 68.23 | -13.37 |
| | 11570 (Av) | | 43.19 | 54.00 | -10.81 |
| | 17355 (Pk) | | 57.48 | 68.23 | -10.75 |
| | 17355 (Av) | | 45.52 | 54.00 | -8.48 |
| 5825 | 5825 (Pk) | Vertical | 112.04 | - | - |
| | 5825 (Av) | | 100.43 | - | - |
| | 5850 (Pk) | | 64.95 | 122.20* | -57.25 |
| | 5855(Pk) | | 61.28 | 110.80* | -49.52 |
| | 5875(Pk) | | 48.69 | 105.20* | -56.51 |
| | 5925 (Pk) | | 50.41 | 68.20* | -17.79 |
| | 11650 (Pk) | | 54.80 | 68.23 | -13.43 |
| | 11650 (Av) | | 42.34 | 54.00 | -11.66 |
| | 17475 (Pk) | | 57.96 | 68.23 | -10.27 |
| | 17475 (Av) | | 45.56 | 54.00 | -8.44 |
| | 5825 (Pk) | Horizontal | 113.56 | - | - |
| | 5825 (Av) | | 101.67 | - | - |
| | 5850 (Pk) | | 66.07 | 122.20* | -56.13 |
| | 5855(Pk) | | 61.69 | 110.80* | -49.11 |
| | 5875(Pk) | | 51.22 | 105.20* | -53.98 |
| | 5925 (Pk) | | 49.92 | 68.20* | -18.28 |
| | 11650 (Pk) | | 53.90 | 68.23 | -14.33 |
| | 11650 (Av) | | 42.26 | 54.00 | -11.74 |
| | 17475 (Pk) | | 57.65 | 68.23 | -10.58 |
| | 17475 (Pk) | | 45.55 | 54.00 | -8.45 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 107.48 | - | - |
| | 5180 (Av) | | 94.96 | - | - |
| | 5150 (Pk) | | 46.02 | 74.00* | -27.98 |
| | 5150 (Av) | | 34.17 | 54.00* | -19.83 |
| | 10360 (Pk) | | 52.02 | 68.23 | -16.21 |
| | 10360 (Av) | | 39.93 | 54.00 | -14.07 |
| | 15540 (Pk) | | 54.76 | 68.23 | -13.47 |
| | 15540 (Av) | | 42.48 | 54.00 | -11.52 |
| | 5180 (Pk) | Horizontal | 114.48 | - | - |
| | 5180 (Av) | | 100.99 | - | - |
| | 5150 (Pk) | | 53.77 | 74.00* | -20.23 |
| | 5150 (Av) | | 41.58 | 54.00* | -12.42 |
| | 10360 (Pk) | | 52.10 | 68.23 | -16.13 |
| | 10360 (Av) | | 39.92 | 54.00 | -14.08 |
| | 15540 (Pk) | | 54.31 | 68.23 | -13.92 |
| | 15540 (Av) | | 42.46 | 54.00 | -11.54 |
| 5200 | 5200 (Pk) | Vertical | 108.94 | - | - |
| | 5200 (Av) | | 96.00 | - | - |
| | 5150 (Pk) | | 45.09 | 74.00* | -28.91 |
| | 5150 (Av) | | 32.26 | 54.00* | -21.74 |
| | 10400 (Pk) | | 51.85 | 68.23 | -16.38 |
| | 10400 (Av) | | 40.18 | 54.00 | -13.82 |
| | 15600 (Pk) | | 53.59 | 68.23 | -14.64 |
| | 15600 (Av) | | 42.10 | 54.00 | -11.90 |
| | 5200 (Pk) | Horizontal | 114.40 | - | - |
| | 5200 (Av) | | 101.21 | - | - |
| | 5150 (Pk) | | 48.52 | 74.00* | -25.48 |
| | 5150 (Av) | | 35.60 | 54.00* | -18.40 |
| | 10400 (Pk) | | 52.43 | 68.23 | -15.80 |
| | 10400 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15600 (Pk) | | 53.77 | 68.23 | -14.46 |
| | 15600 (Av) | | 42.11 | 54.00 | -11.89 |
| 5240 | 5240 (Pk) | Vertical | 108.20 | - | - |
| | 5240 (Av) | | 95.02 | - | - |
| | 5350 (Pk) | | 44.25 | 74.00* | -29.75 |
| | 5350 (Av) | | 32.28 | 54.00* | -21.72 |
| | 10480 (Pk) | | 53.42 | 68.23 | -14.81 |
| | 10480 (Av) | | 40.81 | 54.00 | -13.19 |
| | 15720 (Pk) | | 53.97 | 68.23 | -14.26 |
| | 15720 (Av) | | 41.84 | 54.00 | -12.16 |
| | 5240 (Pk) | Horizontal | 113.47 | - | - |
| | 5240 (Av) | | 101.08 | - | - |
| | 5350 (Pk) | | 47.43 | 74.00* | -26.57 |
| | 5350 (Av) | | 34.52 | 54.00* | -19.48 |
| | 10480 (Pk) | | 53.63 | 68.23 | -14.60 |
| | 10480 (Av) | | 40.80 | 54.00 | -13.20 |
| | 15720 (Pk) | | 53.96 | 68.23 | -14.27 |
| | 15720 (Av) | | 41.81 | 54.00 | -12.19 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 114.02 | - | - |
| | 5745 (Av) | | 100.63 | - | - |
| | 5725(Pk) | | 57.71 | 122.20* | -64.49 |
| | 5720(Pk) | | 54.46 | 110.80* | -56.34 |
| | 5700(Pk) | | 47.63 | 105.20* | -57.57 |
| | 5650(Pk) | | 51.52 | 68.20* | -16.68 |
| | 11490 (Pk) | | 55.63 | 68.23 | -12.60 |
| | 11490 (Av) | | 43.07 | 54.00 | -10.93 |
| | 17235 (Pk) | | 57.42 | 68.23 | -10.81 |
| | 17235 (Av) | | 45.16 | 54.00 | -8.84 |
| | 5745 (Pk) | Horizontal | 116.22 | - | - |
| | 5745 (Av) | | 102.45 | - | - |
| | 5725(Pk) | | 63.77 | 122.20* | -58.43 |
| | 5720(Pk) | | 57.95 | 110.80* | -52.85 |
| | 5700(Pk) | | 49.45 | 105.20* | -55.75 |
| | 5650(Pk) | | 49.72 | 68.20* | -18.48 |
| | 11490 (Pk) | | 55.36 | 68.23 | -12.87 |
| | 11490 (Av) | | 43.35 | 54.00 | -10.65 |
| | 17235 (Pk) | | 58.47 | 68.23 | -9.76 |
| | 17235 (Av) | | 45.21 | 54.00 | -8.79 |
| 5785 | 5785 (Pk) | Vertical | 115.30 | - | - |
| | 5785 (Av) | | 101.73 | - | - |
| | 5725(Pk) | | 51.42 | 122.20* | -70.78 |
| | 5720(Pk) | | 44.76 | 110.80* | -66.04 |
| | 5700(Pk) | | 44.07 | 105.20* | -61.13 |
| | 5650(Pk) | | 44.62 | 68.20* | -23.58 |
| | 11570 (Pk) | | 54.76 | 68.23 | -13.47 |
| | 11570 (Av) | | 42.90 | 54.00 | -11.10 |
| | 17355 (Pk) | | 58.15 | 68.23 | -10.08 |
| | 17355 (Av) | | 45.52 | 54.00 | -8.48 |
| | 5785 (Pk) | Horizontal | 116.39 | - | - |
| | 5785 (Av) | | 102.73 | - | - |
| | 5725(Pk) | | 51.19 | 122.20* | -71.01 |
| | 5720(Pk) | | 45.75 | 110.80* | -65.05 |
| | 5700(Pk) | | 45.98 | 105.20* | -59.22 |
| | 5650(Pk) | | 46.13 | 68.20* | -22.07 |
| | 11570 (Pk) | | 54.94 | 68.23 | -13.29 |
| | 11570 (Av) | | 43.03 | 54.00 | -10.97 |
| | 17355 (Pk) | | 57.85 | 68.23 | -10.38 |
| | 17355 (Av) | | 45.56 | 54.00 | -8.44 |
| 5825 | 5825 (Pk) | Vertical | 114.96 | - | - |
| | 5825 (Av) | | 101.41 | - | - |
| | 5850 (Pk) | | 56.31 | 122.20* | -65.89 |
| | 5855(Pk) | | 52.90 | 110.80* | -57.90 |
| | 5875(Pk) | | 48.00 | 105.20* | -57.20 |
| | 5925 (Pk) | | 49.03 | 68.20* | -19.17 |
| | 11650 (Pk) | | 54.36 | 68.23 | -13.87 |
| | 11650 (Av) | | 42.32 | 54.00 | -11.68 |
| | 17475 (Pk) | | 58.69 | 68.23 | -9.54 |
| | 17475 (Av) | | 46.77 | 54.00 | -7.23 |
| | 5825 (Pk) | Horizontal | 116.27 | - | - |
| | 5825 (Av) | | 102.59 | - | - |
| | 5850 (Pk) | | 55.68 | 122.20* | -66.52 |
| | 5855(Pk) | | 54.58 | 110.80* | -56.22 |
| | 5875(Pk) | | 48.62 | 105.20* | -56.58 |
| | 5925 (Pk) | | 49.54 | 68.20* | -18.66 |
| | 11650 (Pk) | | 54.88 | 68.23 | -13.35 |
| | 11650 (Av) | | 42.44 | 54.00 | -11.56 |
| | 17475 (Pk) | | 60.08 | 68.23 | -8.15 |
| | 17475 (Pk) | | 46.72 | 54.00 | -7.28 |

**Channel Bandwidth: 40MHz**

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 105.67 | - | - |
| | 5190 (Av) | | 94.61 | - | - |
| | 5150 (Pk) | | 49.53 | 74.00* | -24.47 |
| | 5150 (Av) | | 36.16 | 54.00* | -17.84 |
| | 10380 (Pk) | | 52.67 | 68.23 | -15.56 |
| | 10380 (Av) | | 40.12 | 54.00 | -13.88 |
| | 15570 (Pk) | | 54.46 | 68.23 | -13.77 |
| | 15570 (Av) | | 42.20 | 54.00 | -11.80 |
| | 5190 (Pk) | Horizontal | 110.32 | - | - |
| | 5190 (Av) | | 100.27 | - | - |
| | 5150 (Pk) | | 63.04 | 74.00* | -10.96 |
| | 5150 (Av) | | 46.46 | 54.00* | -7.54 |
| | 10380 (Pk) | | 52.61 | 68.23 | -15.62 |
| | 10380 (Av) | | 40.13 | 54.00 | -13.87 |
| | 15570 (Pk) | | 54.75 | 68.23 | -13.48 |
| | 15570 (Av) | | 42.11 | 54.00 | -11.89 |
| 5230 | 5230 (Pk) | Vertical | 105.58 | - | - |
| | 5230 (Av) | | 94.40 | - | - |
| | 5350 (Pk) | | 45.13 | 74.00* | -28.87 |
| | 5350 (Av) | | 32.63 | 54.00* | -21.37 |
| | 10460 (Pk) | | 53.01 | 68.23 | -15.22 |
| | 10460 (Av) | | 40.71 | 54.00 | -13.29 |
| | 15690 (Pk) | | 54.39 | 68.23 | -13.84 |
| | 15690 (Av) | | 41.74 | 54.00 | -12.26 |
| | 5230 (Pk) | Horizontal | 110.03 | - | - |
| | 5230 (Av) | | 99.76 | - | - |
| | 5350 (Pk) | | 47.16 | 74.00* | -26.84 |
| | 5350 (Av) | | 34.74 | 54.00* | -19.26 |
| | 10460 (Pk) | | 52.59 | 68.23 | -15.64 |
| | 10460 (Av) | | 40.71 | 54.00 | -13.29 |
| | 15690 (Pk) | | 53.40 | 68.23 | -14.83 |
| | 15690 (Av) | | 41.75 | 54.00 | -12.25 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 111.72 | - | - |
| | 5755 (Av) | | 101.05 | - | - |
| | 5725(Pk) | | 66.63 | 122.20* | -55.57 |
| | 5720(Pk) | | 65.30 | 110.80* | -45.50 |
| | 5700(Pk) | | 51.40 | 105.20* | -53.80 |
| | 5650(Pk) | | 49.66 | 68.20* | -18.54 |
| | 11510 (Pk) | | 56.78 | 68.23 | -11.45 |
| | 11510 (Av) | | 42.91 | 54.00 | -11.09 |
| | 17265 (Pk) | | 56.30 | 68.23 | -11.93 |
| | 17265 (Av) | | 44.29 | 54.00 | -9.71 |
| | 5755 (Pk) | Horizontal | 112.50 | - | - |
| | 5755 (Av) | | 102.36 | - | - |
| | 5725(Pk) | | 70.28 | 122.20* | -51.92 |
| | 5720(Pk) | | 67.80 | 110.80* | -43.00 |
| | 5700(Pk) | | 54.09 | 105.20* | -51.11 |
| | 5650(Pk) | | 48.00 | 68.20* | -20.20 |
| | 11510 (Pk) | | 56.17 | 68.23 | -12.06 |
| | 11510 (Av) | | 43.25 | 54.00 | -10.75 |
| | 17265 (Pk) | | 56.04 | 68.23 | -12.19 |
| | 17265 (Av) | | 44.31 | 54.00 | -9.69 |
| 5795 | 5795 (Pk) | Vertical | 111.92 | - | - |
| | 5795 (Av) | | 101.26 | - | - |
| | 5850 (Pk) | | 51.98 | 122.20* | -70.22 |
| | 5855(Pk) | | 52.20 | 110.80* | -58.60 |
| | 5875(Pk) | | 49.58 | 105.20* | -55.62 |
| | 5925 (Pk) | | 48.63 | 68.20* | -19.57 |
| | 11590 (Pk) | | 54.79 | 68.23 | -13.44 |
| | 11590 (Av) | | 42.56 | 54.00 | -11.44 |
| | 17385 (Pk) | | 57.07 | 68.23 | -11.16 |
| | 17385 (Pk) | | 44.79 | 54.00 | -9.21 |
| | 5795 (Pk) | Horizontal | 111.95 | - | - |
| | 5795 (Av) | | 101.71 | - | - |
| | 5850 (Pk) | | 54.69 | 122.20* | -67.51 |
| | 5855(Pk) | | 53.27 | 110.80* | -57.53 |
| | 5875(Pk) | | 49.43 | 105.20* | -55.77 |
| | 5925 (Pk) | | 49.67 | 68.20* | -18.53 |
| | 11590 (Pk) | | 54.18 | 68.23 | -14.05 |
| | 11590 (Av) | | 42.73 | 54.00 | -11.27 |
| | 17385 (Pk) | | 57.09 | 68.23 | -11.14 |
| | 17385 (Pk) | | 44.79 | 54.00 | -9.21 |

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 105.51 | - | - |
| | 5190 (Av) | | 94.56 | - | - |
| | 5150 (Pk) | | 49.46 | 74.00* | -24.54 |
| | 5150 (Av) | | 36.03 | 54.00* | -17.97 |
| | 10380 (Pk) | | 52.42 | 68.23 | -15.81 |
| | 10380 (Av) | | 40.22 | 54.00 | -13.78 |
| | 15570 (Pk) | | 54.55 | 68.23 | -13.68 |
| | 15570 (Av) | | 42.12 | 54.00 | -11.88 |
| | 5190 (Pk) | Horizontal | 110.14 | - | - |
| | 5190 (Av) | | 99.53 | - | - |
| | 5150 (Pk) | | 62.39 | 74.00* | -11.61 |
| | 5150 (Av) | | 45.10 | 54.00* | -8.90 |
| | 10380 (Pk) | | 52.44 | 68.23 | -15.79 |
| | 10380 (Av) | | 40.06 | 54.00 | -13.94 |
| | 15570 (Pk) | | 54.32 | 68.23 | -13.91 |
| | 15570 (Av) | | 42.06 | 54.00 | -11.94 |
| 5230 | 5230 (Pk) | Vertical | 105.36 | - | - |
| | 5230 (Av) | | 94.60 | - | - |
| | 5350 (Pk) | | 44.24 | 74.00* | -29.76 |
| | 5350 (Av) | | 32.56 | 54.00* | -21.44 |
| | 10460 (Pk) | | 53.37 | 68.23 | -14.86 |
| | 10460 (Av) | | 40.69 | 54.00 | -13.31 |
| | 15690 (Pk) | | 53.91 | 68.23 | -14.32 |
| | 15690 (Av) | | 41.61 | 54.00 | -12.39 |
| | 5230 (Pk) | Horizontal | 110.70 | - | - |
| | 5230 (Av) | | 100.74 | - | - |
| | 5350 (Pk) | | 47.97 | 74.00* | -26.03 |
| | 5350 (Av) | | 34.99 | 54.00* | -19.01 |
| | 10460 (Pk) | | 52.82 | 68.23 | -15.41 |
| | 10460 (Av) | | 40.63 | 54.00 | -13.37 |
| | 15690 (Pk) | | 53.88 | 68.23 | -14.35 |
| | 15690 (Av) | | 41.64 | 54.00 | -12.36 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 111.64 | - | - |
| | 5755 (Av) | | 101.02 | - | - |
| | 5725(Pk) | | 68.24 | 122.20* | -53.96 |
| | 5720(Pk) | | 64.62 | 110.80* | -46.18 |
| | 5700(Pk) | | 49.37 | 105.20* | -55.83 |
| | 5650(Pk) | | 50.21 | 68.20* | -17.99 |
| | 11510 (Pk) | | 54.60 | 68.23 | -13.63 |
| | 11510 (Av) | | 42.92 | 54.00 | -11.08 |
| | 17265 (Pk) | | 56.07 | 68.23 | -12.16 |
| | 17265 (Av) | | 44.28 | 54.00 | -9.72 |
| | 5755 (Pk) | Horizontal | 112.54 | - | - |
| | 5755 (Av) | | 102.13 | - | - |
| | 5725(Pk) | | 70.24 | 122.20* | -51.96 |
| | 5720(Pk) | | 67.05 | 110.80* | -43.75 |
| | 5700(Pk) | | 52.65 | 105.20* | -52.55 |
| | 5650(Pk) | | 47.66 | 68.20* | -20.54 |
| | 11510 (Pk) | | 55.26 | 68.23 | -12.97 |
| | 11510 (Av) | | 43.25 | 54.00 | -10.75 |
| | 17265 (Pk) | | 56.32 | 68.23 | -11.91 |
| | 17265 (Av) | | 44.34 | 54.00 | -9.66 |
| 5795 | 5795 (Pk) | Vertical | 112.17 | - | - |
| | 5795 (Av) | | 101.28 | - | - |
| | 5850 (Pk) | | 52.22 | 122.20* | -69.98 |
| | 5855(Pk) | | 51.88 | 110.80* | -58.92 |
| | 5875(Pk) | | 49.40 | 105.20* | -55.80 |
| | 5925 (Pk) | | 48.26 | 68.20* | -19.94 |
| | 11590 (Pk) | | 55.18 | 68.23 | -13.05 |
| | 11590 (Av) | | 42.52 | 54.00 | -11.48 |
| | 17385 (Pk) | | 56.70 | 68.23 | -11.53 |
| | 17385 (Pk) | | 44.78 | 54.00 | -9.22 |
| | 5795 (Pk) | Horizontal | 111.67 | - | - |
| | 5795 (Av) | | 101.67 | - | - |
| | 5850 (Pk) | | 52.49 | 122.20* | -69.71 |
| | 5855(Pk) | | 52.05 | 110.80* | -58.75 |
| | 5875(Pk) | | 49.36 | 105.20* | -55.84 |
| | 5925 (Pk) | | 48.97 | 68.20* | -19.23 |
| | 11590 (Pk) | | 54.97 | 68.23 | -13.26 |
| | 11590 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17385 (Pk) | | 56.74 | 68.23 | -11.49 |
| | 17385 (Pk) | | 44.76 | 54.00 | -9.24 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 107.52 | - | - |
| | 5190 (Av) | | 94.14 | - | - |
| | 5150 (Pk) | | 49.03 | 74.00* | -24.97 |
| | 5150 (Av) | | 36.03 | 54.00* | -17.97 |
| | 10380 (Pk) | | 51.90 | 68.23 | -16.33 |
| | 10380 (Av) | | 39.97 | 54.00 | -14.03 |
| | 15570 (Pk) | | 53.80 | 68.23 | -14.43 |
| | 15570 (Av) | | 41.93 | 54.00 | -12.07 |
| | 5190 (Pk) | Horizontal | 112.97 | - | - |
| | 5190 (Av) | | 99.89 | - | - |
| | 5150 (Pk) | | 62.79 | 74.00* | -11.21 |
| | 5150 (Av) | | 46.04 | 54.00* | -7.96 |
| | 10380 (Pk) | | 52.25 | 68.23 | -15.98 |
| | 10380 (Av) | | 39.87 | 54.00 | -14.13 |
| | 15570 (Pk) | | 54.93 | 68.23 | -13.30 |
| | 15570 (Av) | | 42.04 | 54.00 | -11.96 |
| 5230 | 5230 (Pk) | Vertical | 107.31 | - | - |
| | 5230 (Av) | | 94.31 | - | - |
| | 5350 (Pk) | | 44.67 | 74.00* | -29.33 |
| | 5350 (Av) | | 32.53 | 54.00* | -21.47 |
| | 10460 (Pk) | | 52.70 | 68.23 | -15.53 |
| | 10460 (Av) | | 40.48 | 54.00 | -13.52 |
| | 15690 (Pk) | | 53.54 | 68.23 | -14.69 |
| | 15690 (Av) | | 41.51 | 54.00 | -12.49 |
| | 5230 (Pk) | Horizontal | 113.08 | - | - |
| | 5230 (Av) | | 100.28 | - | - |
| | 5350 (Pk) | | 47.83 | 74.00* | -26.17 |
| | 5350 (Av) | | 34.92 | 54.00* | -19.08 |
| | 10460 (Pk) | | 54.74 | 68.23 | -13.49 |
| | 10460 (Av) | | 40.54 | 54.00 | -13.46 |
| | 15690 (Pk) | | 54.23 | 68.23 | -14.00 |
| | 15690 (Av) | | 41.54 | 54.00 | -12.46 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 114.38 | - | - |
| | 5755 (Av) | | 100.97 | - | - |
| | 5725(Pk) | | 68.34 | 122.20* | -53.86 |
| | 5720(Pk) | | 67.42 | 110.80* | -43.38 |
| | 5700(Pk) | | 51.89 | 105.20* | -53.31 |
| | 5650(Pk) | | 50.55 | 68.20* | -17.65 |
| | 11510 (Pk) | | 56.44 | 68.23 | -11.79 |
| | 11510 (Av) | | 42.90 | 54.00 | -11.10 |
| | 17265 (Pk) | | 57.15 | 68.23 | -11.08 |
| | 17265 (Av) | | 44.31 | 54.00 | -9.69 |
| | 5755 (Pk) | Horizontal | 115.35 | - | - |
| | 5755 (Av) | | 102.02 | - | - |
| | 5725(Pk) | | 69.92 | 122.20* | -52.28 |
| | 5720(Pk) | | 67.08 | 110.80* | -43.72 |
| | 5700(Pk) | | 53.76 | 105.20* | -51.44 |
| | 5650(Pk) | | 48.63 | 68.20* | -19.57 |
| | 11510 (Pk) | | 55.56 | 68.23 | -12.67 |
| | 11510 (Av) | | 43.11 | 54.00 | -10.89 |
| | 17265 (Pk) | | 56.42 | 68.23 | -11.81 |
| | 17265 (Av) | | 44.25 | 54.00 | -9.75 |
| 5795 | 5795 (Pk) | Vertical | 114.93 | - | - |
| | 5795 (Av) | | 101.29 | - | - |
| | 5850 (Pk) | | 52.17 | 122.20* | -70.03 |
| | 5855(Pk) | | 51.74 | 110.80* | -59.06 |
| | 5875(Pk) | | 49.58 | 105.20* | -55.62 |
| | 5925 (Pk) | | 48.60 | 68.20* | -19.60 |
| | 11590 (Pk) | | 54.71 | 68.23 | -13.52 |
| | 11590 (Av) | | 42.55 | 54.00 | -11.45 |
| | 17385 (Pk) | | 56.59 | 68.23 | -11.64 |
| | 17385 (Pk) | | 44.79 | 54.00 | -9.21 |
| | 5795 (Pk) | Horizontal | 115.23 | - | - |
| | 5795 (Av) | | 101.56 | - | - |
| | 5850 (Pk) | | 55.18 | 122.20* | -67.02 |
| | 5855(Pk) | | 52.62 | 110.80* | -58.18 |
| | 5875(Pk) | | 49.39 | 105.20* | -55.81 |
| | 5925 (Pk) | | 49.38 | 68.20* | -18.82 |
| | 11590 (Pk) | | 54.78 | 68.23 | -13.45 |
| | 11590 (Av) | | 42.55 | 54.00 | -11.45 |
| | 17385 (Pk) | | 56.92 | 68.23 | -11.31 |
| | 17385 (Pk) | | 44.78 | 54.00 | -9.22 |

**Channel Bandwidth: 80MHz**

**Modulation:802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 102.51 | - | - |
| | 5210 (Av) | | 91.47 | - | - |
| | 5150 (Pk) | | 51.72 | 74.00* | -22.28 |
| | 5150 (Av) | | 37.59 | 54.00* | -16.41 |
| | 10420 (Pk) | | 52.23 | 68.23 | -16.00 |
| | 10420 (Av) | | 40.25 | 54.00 | -13.75 |
| | 15630 (Pk) | | 54.57 | 68.23 | -13.66 |
| | 15630 (Av) | | 41.86 | 54.00 | -12.14 |
| | 5210 (Pk) | Horizontal | 107.88 | - | - |
| | 5210 (Av) | | 97.15 | - | - |
| | 5150 (Pk) | | 62.80 | 74.00* | -11.20 |
| | 5150 (Av) | | 49.27 | 54.00* | -4.73 |
| | 10420 (Pk) | | 52.64 | 68.23 | -15.59 |
| | 10420 (Av) | | 40.15 | 54.00 | -13.85 |
| | 15630 (Pk) | | 53.78 | 68.23 | -14.45 |
| | 15630 (Av) | | 41.82 | 54.00 | -12.18 |
| 5775 | 5775 (Pk) | Vertical | 104.01 | - | - |
| | 5775 (Pk) | | 93.18 | - | - |
| | 5850 (Pk) | | 48.24 | 122.20* | -73.96 |
| | 5855 (Pk) | | 47.59 | 110.80* | -63.21 |
| | 5875 (Pk) | | 46.91 | 105.20* | -58.29 |
| | 5925 (Pk) | | 45.64 | 68.20* | -22.56 |
| | 11550 (Pk) | | 57.30 | 68.23 | -10.93 |
| | 11550 (Av) | | 44.33 | 54.00 | -9.67 |
| | 17325 (Pk) | | 57.75 | 68.23 | -10.48 |
| | 17325 (Av) | | 45.34 | 54.00 | -8.66 |
| | 5775 (Pk) | Horizontal | 104.80 | - | - |
| | 5775 (Pk) | | 94.32 | - | - |
| | 5850 (Pk) | | 48.94 | 122.20* | -73.26 |
| | 5855 (Pk) | | 49.16 | 110.80* | -61.64 |
| | 5875 (Pk) | | 46.91 | 105.20* | -58.29 |
| | 5925 (Pk) | | 46.84 | 68.20* | -21.36 |
| | 11550 (Av) | | 54.91 | 68.23 | -13.32 |
| | 11550 (Pk) | | 42.89 | 54.00 | -11.11 |
| | 17325 (Pk) | | 57.81 | 68.23 | -10.42 |
| | 17325 (Av) | | 45.40 | 54.00 | -8.60 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 104.33 | - | - |
| | 5210 (Av) | | 91.03 | - | - |
| | 5150 (Pk) | | 49.51 | 74.00* | -24.49 |
| | 5150 (Av) | | 37.08 | 54.00* | -16.92 |
| | 10420 (Pk) | | 51.89 | 68.23 | -16.34 |
| | 10420 (Av) | | 40.02 | 54.00 | -13.98 |
| | 15630 (Pk) | | 53.90 | 68.23 | -14.33 |
| | 15630 (Av) | | 41.67 | 54.00 | -12.33 |
| | 5210 (Pk) | Horizontal | 109.90 | - | - |
| | 5210 (Av) | | 97.26 | - | - |
| | 5150 (Pk) | | 63.76 | 74.00* | -10.24 |
| | 5150 (Av) | | 50.08 | 54.00* | -3.92 |
| | 10420 (Pk) | | 52.00 | 68.23 | -16.23 |
| | 10420 (Av) | | 39.96 | 54.00 | -14.04 |
| | 15630 (Pk) | | 54.70 | 68.23 | -13.53 |
| | 15630 (Av) | | 41.66 | 54.00 | -12.34 |
| 5775 | 5775 (Pk) | Vertical | 106.51 | - | - |
| | 5775 (Pk) | | 93.14 | - | - |
| | 5850 (Pk) | | 47.51 | 122.20* | -74.69 |
| | 5855 (Pk) | | 47.20 | 110.80* | -63.60 |
| | 5875 (Pk) | | 46.66 | 105.20* | -58.54 |
| | 5925 (Pk) | | 46.18 | 68.20* | -22.02 |
| | 11550 (Pk) | | 57.66 | 68.23 | -10.57 |
| | 11550 (Av) | | 44.33 | 54.00 | -9.67 |
| | 17325 (Pk) | | 57.05 | 68.23 | -11.18 |
| | 17325 (Av) | | 45.31 | 54.00 | -8.69 |
| | 5775 (Pk) | Horizontal | 107.58 | - | - |
| | 5775 (Pk) | | 94.23 | - | - |
| | 5850 (Pk) | | 48.66 | 122.20* | -73.54 |
| | 5855 (Pk) | | 48.47 | 110.80* | -62.33 |
| | 5875 (Pk) | | 46.58 | 105.20* | -58.62 |
| | 5925 (Pk) | | 47.03 | 68.20* | -21.17 |
| | 11550 (Av) | | 59.25 | 68.23 | -8.98 |
| | 11550 (Pk) | | 45.35 | 54.00 | -8.65 |
| | 17325 (Pk) | | 57.52 | 68.23 | -10.71 |
| | 17325 (Av) | | 45.33 | 54.00 | -8.67 |

**Antenna Type & Antenna Gain: Integrated Panel Antenna & 24dBi**

**Channel Bandwidth: 20MHz**

**Modulation: 802.11a**

**Data Rate: 6Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 117.35 | - | - |
| | 5180 (Av) | | 108.08 | - | - |
| | 5150 (Pk) | | 62.35 | 74.00* | -11.65 |
| | 5150 (Av) | | 48.33 | 54.00* | -5.67 |
| | 10360 (Pk) | | 55.99 | 68.23 | -12.24 |
| | 10360 (Av) | | 41.80 | 54.00 | -12.20 |
| | 15540 (Pk) | | 55.58 | 68.23 | -12.65 |
| | 15540 (Av) | | 43.27 | 54.00 | -10.73 |
| | 5180 (Pk) | Horizontal | 115.73 | - | - |
| | 5180 (Av) | | 105.16 | - | - |
| | 5150 (Pk) | | 54.64 | 74.00* | -19.36 |
| | 5150 (Av) | | 40.60 | 54.00* | -13.40 |
| | 10360 (Pk) | | 53.85 | 68.23 | -14.38 |
| | 10360 (Av) | | 40.48 | 54.00 | -13.52 |
| | 15540 (Pk) | | 55.74 | 68.23 | -12.49 |
| | 15540 (Av) | | 43.28 | 54.00 | -10.72 |
| 5200 | 5200 (Pk) | Vertical | 118.00 | - | - |
| | 5200 (Av) | | 108.78 | - | - |
| | 5150 (Pk) | | 54.58 | 74.00* | -19.42 |
| | 5150 (Av) | | 40.28 | 54.00* | -13.72 |
| | 10400 (Pk) | | 53.22 | 68.23 | -15.01 |
| | 10400 (Av) | | 42.00 | 54.00 | -12.00 |
| | 15600 (Pk) | | 55.21 | 68.23 | -13.02 |
| | 15600 (Av) | | 42.95 | 54.00 | -11.05 |
| | 5200 (Pk) | Horizontal | 116.18 | - | - |
| | 5200 (Av) | | 106.02 | - | - |
| | 5150 (Pk) | | 50.60 | 74.00* | -23.40 |
| | 5150 (Av) | | 37.30 | 54.00* | -16.70 |
| | 10400 (Pk) | | 53.15 | 68.23 | -15.08 |
| | 10400 (Av) | | 40.66 | 54.00 | -13.34 |
| | 15600 (Pk) | | 55.17 | 68.23 | -13.06 |
| | 15600 (Av) | | 42.94 | 54.00 | -11.06 |
| 5240 | 5240 (Pk) | Vertical | 118.48 | - | - |
| | 5240 (Av) | | 108.88 | - | - |
| | 5350 (Pk) | | 51.53 | 74.00* | -22.47 |
| | 5350 (Av) | | 38.65 | 54.00* | -15.35 |
| | 10480 (Pk) | | 52.42 | 68.23 | -15.81 |
| | 10480 (Av) | | 40.71 | 54.00 | -13.29 |
| | 15720 (Pk) | | 54.84 | 68.23 | -13.39 |
| | 15720 (Av) | | 42.39 | 54.00 | -11.61 |
| | 5240 (Pk) | Horizontal | 115.89 | - | - |
| | 5240 (Av) | | 106.13 | - | - |
| | 5350 (Pk) | | 50.59 | 74.00* | -23.41 |
| | 5350 (Av) | | 37.93 | 54.00* | -16.07 |
| | 10480 (Pk) | | 53.43 | 68.23 | -14.80 |
| | 10480 (Av) | | 40.72 | 54.00 | -13.28 |
| | 15720 (Pk) | | 54.46 | 68.23 | -13.77 |
| | 15720 (Av) | | 42.44 | 54.00 | -11.56 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 116.38 | - | - |
| | 5745 (Av) | | 106.43 | - | - |
| | 5725(Pk) | | 68.05 | 122.20* | -54.15 |
| | 5720(Pk) | | 61.81 | 110.80* | -48.99 |
| | 5700(Pk) | | 53.94 | 105.20* | -51.26 |
| | 5650(Pk) | | 52.50 | 68.20* | -15.70 |
| | 11490 (Pk) | | 54.29 | 68.23 | -13.94 |
| | 11490 (Av) | | 42.05 | 54.00 | -11.95 |
| | 17235 (Pk) | | 58.61 | 68.23 | -9.62 |
| | 17235 (Av) | | 46.01 | 54.00 | -7.99 |
| | 5745 (Pk) | Horizontal | 120.34 | - | - |
| | 5745 (Av) | | 110.10 | - | - |
| | 5725(Pk) | | 82.80 | 122.20* | -39.40 |
| | 5720(Pk) | | 73.24 | 110.80* | -37.56 |
| | 5700(Pk) | | 57.51 | 105.20* | -47.69 |
| | 5650(Pk) | | 57.34 | 68.20* | -10.86 |
| | 11490 (Pk) | | 53.86 | 68.23 | -14.37 |
| | 11490 (Av) | | 41.85 | 54.00 | -12.15 |
| | 17235 (Pk) | | 57.81 | 68.23 | -10.42 |
| | 17235 (Av) | | 45.95 | 54.00 | -8.05 |
| 5785 | 5785 (Pk) | Vertical | 116.39 | - | - |
| | 5785 (Av) | | 106.55 | - | - |
| | 5725(Pk) | | 56.01 | 122.20* | -66.19 |
| | 5720(Pk) | | 49.33 | 110.80* | -61.47 |
| | 5700(Pk) | | 49.35 | 105.20* | -55.85 |
| | 5650(Pk) | | 50.11 | 68.20* | -18.09 |
| | 11570 (Pk) | | 54.18 | 68.23 | -14.05 |
| | 11570 (Av) | | 41.87 | 54.00 | -12.13 |
| | 17355 (Pk) | | 58.96 | 68.23 | -9.27 |
| | 17355 (Av) | | 46.71 | 54.00 | -7.29 |
| | 5785 (Pk) | Horizontal | 121.53 | - | - |
| | 5785 (Av) | | 110.66 | - | - |
| | 5725(Pk) | | 57.42 | 122.20* | -64.78 |
| | 5720(Pk) | | 54.89 | 110.80* | -55.91 |
| | 5700(Pk) | | 52.36 | 105.20* | -52.84 |
| | 5650(Pk) | | 51.62 | 68.20* | -16.58 |
| | 11570 (Pk) | | 53.80 | 68.23 | -14.43 |
| | 11570 (Av) | | 41.52 | 54.00 | -12.48 |
| | 17355 (Pk) | | 58.73 | 68.23 | -9.50 |
| | 17355 (Av) | | 46.60 | 54.00 | -7.40 |
| 5825 | 5825 (Pk) | Vertical | 118.27 | - | - |
| | 5825 (Av) | | 108.51 | - | - |
| | 5850 (Pk) | | 68.83 | 122.20* | -53.37 |
| | 5855(Pk) | | 66.66 | 110.80* | -44.14 |
| | 5875(Pk) | | 54.74 | 105.20* | -50.46 |
| | 5925 (Pk) | | 53.39 | 68.20* | -14.81 |
| | 11650 (Pk) | | 53.08 | 68.23 | -15.15 |
| | 11650 (Av) | | 41.53 | 54.00 | -12.47 |
| | 17475 (Pk) | | 60.12 | 68.23 | -8.11 |
| | 17475 (Av) | | 47.39 | 54.00 | -6.61 |
| | 5825 (Pk) | Horizontal | 122.02 | - | - |
| | 5825 (Av) | | 111.09 | - | - |
| | 5850 (Pk) | | 75.37 | 122.20* | -46.83 |
| | 5855(Pk) | | 72.85 | 110.80* | -37.95 |
| | 5875(Pk) | | 61.99 | 105.20* | -43.21 |
| | 5925 (Pk) | | 53.26 | 68.20* | -14.94 |
| | 11650 (Pk) | | 52.94 | 68.23 | -15.29 |
| | 11650 (Av) | | 41.40 | 54.00 | -12.60 |
| | 17475 (Pk) | | 59.42 | 68.23 | -8.81 |
| | 17475 (Pk) | | 47.42 | 54.00 | -6.58 |

**Modulation: 802.11n-20MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 117.58 | - | - |
| | 5180 (Av) | | 107.17 | - | - |
| | 5150 (Pk) | | 62.79 | 74.00* | -11.21 |
| | 5150 (Av) | | 47.85 | 54.00* | -6.15 |
| | 10360 (Pk) | | 53.03 | 68.23 | -15.20 |
| | 10360 (Av) | | 41.11 | 54.00 | -12.89 |
| | 15540 (Pk) | | 54.17 | 68.23 | -14.06 |
| | 15540 (Av) | | 42.32 | 54.00 | -11.68 |
| | 5180 (Pk) | Horizontal | 116.07 | - | - |
| | 5180 (Av) | | 104.15 | - | - |
| | 5150 (Pk) | | 53.26 | 74.00* | -20.74 |
| | 5150 (Av) | | 38.38 | 54.00* | -15.62 |
| | 10360 (Pk) | | 51.84 | 68.23 | -16.39 |
| | 10360 (Av) | | 40.33 | 54.00 | -13.67 |
| | 15540 (Pk) | | 54.45 | 68.23 | -13.78 |
| | 15540 (Av) | | 42.26 | 54.00 | -11.74 |
| 5200 | 5200 (Pk) | Vertical | 117.92 | - | - |
| | 5200 (Av) | | 107.85 | - | - |
| | 5150 (Pk) | | 53.58 | 74.00* | -20.42 |
| | 5150 (Av) | | 40.31 | 54.00* | -13.69 |
| | 10400 (Pk) | | 53.79 | 68.23 | -14.44 |
| | 10400 (Av) | | 41.77 | 54.00 | -12.23 |
| | 15600 (Pk) | | 53.46 | 68.23 | -14.77 |
| | 15600 (Av) | | 41.72 | 54.00 | -12.28 |
| | 5200 (Pk) | Horizontal | 115.62 | - | - |
| | 5200 (Av) | | 104.63 | - | - |
| | 5150 (Pk) | | 49.69 | 74.00* | -24.31 |
| | 5150 (Av) | | 36.86 | 54.00* | -17.14 |
| | 10400 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 10400 (Av) | | 40.55 | 54.00 | -13.45 |
| | 15600 (Pk) | | 54.05 | 68.23 | -14.18 |
| | 15600 (Av) | | 41.87 | 54.00 | -12.13 |
| 5240 | 5240 (Pk) | Vertical | 118.66 | - | - |
| | 5240 (Av) | | 107.98 | - | - |
| | 5350 (Pk) | | 50.81 | 74.00* | -23.19 |
| | 5350 (Av) | | 38.71 | 54.00* | -15.29 |
| | 10480 (Pk) | | 52.82 | 68.23 | -15.41 |
| | 10480 (Av) | | 41.16 | 54.00 | -12.84 |
| | 15720 (Pk) | | 52.55 | 68.23 | -15.68 |
| | 15720 (Av) | | 40.83 | 54.00 | -13.17 |
| | 5240 (Pk) | Horizontal | 116.42 | - | - |
| | 5240 (Av) | | 105.50 | - | - |
| | 5350 (Pk) | | 49.61 | 74.00* | -24.39 |
| | 5350 (Av) | | 38.10 | 54.00* | -15.90 |
| | 10480 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 10480 (Av) | | 40.51 | 54.00 | -13.49 |
| | 15720 (Pk) | | 53.64 | 68.23 | -14.59 |
| | 15720 (Av) | | 40.77 | 54.00 | -13.23 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 115.01 | - | - |
| | 5745 (Av) | | 104.56 | - | - |
| | 5725(Pk) | | 66.39 | 122.20* | -55.81 |
| | 5720(Pk) | | 59.30 | 110.80* | -51.50 |
| | 5700(Pk) | | 52.80 | 105.20* | -52.40 |
| | 5650(Pk) | | 50.98 | 68.20* | -17.22 |
| | 11490 (Pk) | | 54.08 | 68.23 | -14.15 |
| | 11490 (Av) | | 42.01 | 54.00 | -11.99 |
| | 17235 (Pk) | | 57.55 | 68.23 | -10.68 |
| | 17235 (Av) | | 45.97 | 54.00 | -8.03 |
| | 5745 (Pk) | Horizontal | 119.06 | - | - |
| | 5745 (Av) | | 107.73 | - | - |
| | 5725(Pk) | | 79.81 | 122.20* | -42.39 |
| | 5720(Pk) | | 72.85 | 110.80* | -37.95 |
| | 5700(Pk) | | 55.13 | 105.20* | -50.07 |
| | 5650(Pk) | | 56.99 | 68.20* | -11.21 |
| | 11490 (Pk) | | 54.07 | 68.23 | -14.16 |
| | 11490 (Av) | | 42.02 | 54.00 | -11.98 |
| | 17235 (Pk) | | 58.54 | 68.23 | -9.69 |
| | 17235 (Av) | | 45.96 | 54.00 | -8.04 |
| 5785 | 5785 (Pk) | Vertical | 115.62 | - | - |
| | 5785 (Av) | | 104.83 | - | - |
| | 5725(Pk) | | 55.78 | 122.20* | -66.42 |
| | 5720(Pk) | | 49.28 | 110.80* | -61.52 |
| | 5700(Pk) | | 48.96 | 105.20* | -56.24 |
| | 5650(Pk) | | 48.77 | 68.20* | -19.43 |
| | 11570 (Pk) | | 53.77 | 68.23 | -14.46 |
| | 11570 (Av) | | 41.81 | 54.00 | -12.19 |
| | 17355 (Pk) | | 59.08 | 68.23 | -9.15 |
| | 17355 (Av) | | 46.52 | 54.00 | -7.48 |
| | 5785 (Pk) | Horizontal | 119.92 | - | - |
| | 5785 (Av) | | 108.61 | - | - |
| | 5725(Pk) | | 56.32 | 122.20* | -65.88 |
| | 5720(Pk) | | 50.72 | 110.80* | -60.08 |
| | 5700(Pk) | | 50.25 | 105.20* | -54.95 |
| | 5650(Pk) | | 49.38 | 68.20* | -18.82 |
| | 11570 (Pk) | | 54.67 | 68.23 | -13.56 |
| | 11570 (Av) | | 41.73 | 54.00 | -12.27 |
| | 17355 (Pk) | | 58.85 | 68.23 | -9.38 |
| | 17355 (Av) | | 46.56 | 54.00 | -7.44 |
| 5825 | 5825 (Pk) | Vertical | 118.22 | - | - |
| | 5825 (Av) | | 106.85 | - | - |
| | 5850 (Pk) | | 70.12 | 122.20* | -52.08 |
| | 5855(Pk) | | 66.57 | 110.80* | -44.23 |
| | 5875(Pk) | | 53.82 | 105.20* | -51.38 |
| | 5925 (Pk) | | 52.65 | 68.20* | -15.55 |
| | 11650 (Pk) | | 53.05 | 68.23 | -15.18 |
| | 11650 (Av) | | 41.66 | 54.00 | -12.34 |
| | 17475 (Pk) | | 60.37 | 68.23 | -7.86 |
| | 17475 (Av) | | 47.32 | 54.00 | -6.68 |
| | 5825 (Pk) | Horizontal | 120.07 | - | - |
| | 5825 (Av) | | 108.76 | - | - |
| | 5850 (Pk) | | 74.45 | 122.20* | -47.75 |
| | 5855(Pk) | | 72.65 | 110.80* | -38.15 |
| | 5875(Pk) | | 56.49 | 105.20* | -48.71 |
| | 5925 (Pk) | | 53.41 | 68.20* | -14.79 |
| | 11650 (Pk) | | 53.82 | 68.23 | -14.41 |
| | 11650 (Av) | | 41.47 | 54.00 | -12.53 |
| | 17475 (Pk) | | 59.30 | 68.23 | -8.93 |
| | 17475 (Pk) | | 47.41 | 54.00 | -6.59 |

**Modulation: 802.11ac-20MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 117.36 | - | - |
| | 5180 (Av) | | 107.10 | - | - |
| | 5150 (Pk) | | 64.29 | 74.00* | -9.71 |
| | 5150 (Av) | | 47.69 | 54.00* | -6.31 |
| | 10360 (Pk) | | 53.51 | 68.23 | -14.72 |
| | 10360 (Av) | | 40.82 | 54.00 | -13.18 |
| | 15540 (Pk) | | 54.16 | 68.23 | -14.07 |
| | 15540 (Av) | | 41.91 | 54.00 | -12.09 |
| | 5180 (Pk) | Horizontal | 116.29 | - | - |
| | 5180 (Av) | | 104.49 | - | - |
| | 5150 (Pk) | | 54.44 | 74.00* | -19.56 |
| | 5150 (Av) | | 40.87 | 54.00* | -13.13 |
| | 10360 (Pk) | | 51.79 | 68.23 | -16.44 |
| | 10360 (Av) | | 40.06 | 54.00 | -13.94 |
| | 15540 (Pk) | | 53.87 | 68.23 | -14.36 |
| | 15540 (Av) | | 41.84 | 54.00 | -12.16 |
| 5200 | 5200 (Pk) | Vertical | 118.10 | - | - |
| | 5200 (Av) | | 107.74 | - | - |
| | 5150 (Pk) | | 52.79 | 74.00* | -21.21 |
| | 5150 (Av) | | 40.27 | 54.00* | -13.73 |
| | 10400 (Pk) | | 53.08 | 68.23 | -15.15 |
| | 10400 (Av) | | 41.55 | 54.00 | -12.45 |
| | 15600 (Pk) | | 53.60 | 68.23 | -14.63 |
| | 15600 (Av) | | 41.50 | 54.00 | -12.50 |
| | 5200 (Pk) | Horizontal | 115.60 | - | - |
| | 5200 (Av) | | 104.57 | - | - |
| | 5150 (Pk) | | 50.10 | 74.00* | -23.90 |
| | 5150 (Av) | | 36.90 | 54.00* | -17.10 |
| | 10400 (Pk) | | 54.20 | 68.23 | -14.03 |
| | 10400 (Av) | | 40.28 | 54.00 | -13.72 |
| | 15600 (Pk) | | 53.64 | 68.23 | -14.59 |
| | 15600 (Av) | | 41.46 | 54.00 | -12.54 |
| 5240 | 5240 (Pk) | Vertical | 118.35 | - | - |
| | 5240 (Av) | | 107.92 | - | - |
| | 5350 (Pk) | | 51.54 | 74.00* | -22.46 |
| | 5350 (Av) | | 38.69 | 54.00* | -15.31 |
| | 10480 (Pk) | | 53.02 | 68.23 | -15.21 |
| | 10480 (Av) | | 40.60 | 54.00 | -13.40 |
| | 15720 (Pk) | | 52.49 | 68.23 | -15.74 |
| | 15720 (Av) | | 40.57 | 54.00 | -13.43 |
| | 5240 (Pk) | Horizontal | 116.24 | - | - |
| | 5240 (Av) | | 105.11 | - | - |
| | 5350 (Pk) | | 50.12 | 74.00* | -23.88 |
| | 5350 (Av) | | 38.06 | 54.00* | -15.94 |
| | 10480 (Pk) | | 52.22 | 68.23 | -16.01 |
| | 10480 (Av) | | 40.46 | 54.00 | -13.54 |
| | 15720 (Pk) | | 52.60 | 68.23 | -15.63 |
| | 15720 (Av) | | 40.61 | 54.00 | -13.39 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 114.95 | - | - |
| | 5745 (Av) | | 104.29 | - | - |
| | 5725(Pk) | | 67.05 | 122.20* | -55.15 |
| | 5720(Pk) | | 60.20 | 110.80* | -50.60 |
| | 5700(Pk) | | 51.40 | 105.20* | -53.80 |
| | 5650(Pk) | | 49.60 | 68.20* | -18.60 |
| | 11490 (Pk) | | 54.15 | 68.23 | -14.08 |
| | 11490 (Av) | | 41.98 | 54.00 | -12.02 |
| | 17235 (Pk) | | 58.33 | 68.23 | -9.90 |
| | 17235 (Av) | | 45.87 | 54.00 | -8.13 |
| | 5745 (Pk) | Horizontal | 118.75 | - | - |
| | 5745 (Av) | | 107.52 | - | - |
| | 5725(Pk) | | 80.76 | 122.20* | -41.44 |
| | 5720(Pk) | | 73.01 | 110.80* | -37.79 |
| | 5700(Pk) | | 55.12 | 105.20* | -50.08 |
| | 5650(Pk) | | 56.21 | 68.20* | -11.99 |
| | 11490 (Pk) | | 53.68 | 68.23 | -14.55 |
| | 11490 (Av) | | 41.92 | 54.00 | -12.08 |
| | 17235 (Pk) | | 58.33 | 68.23 | -9.90 |
| | 17235 (Av) | | 45.84 | 54.00 | -8.16 |
| 5785 | 5785 (Pk) | Vertical | 115.55 | - | - |
| | 5785 (Av) | | 104.88 | - | - |
| | 5725(Pk) | | 51.88 | 122.20* | -70.32 |
| | 5720(Pk) | | 47.71 | 110.80* | -63.09 |
| | 5700(Pk) | | 49.16 | 105.20* | -56.04 |
| | 5650(Pk) | | 48.56 | 68.20* | -19.64 |
| | 11570 (Pk) | | 53.89 | 68.23 | -14.34 |
| | 11570 (Av) | | 41.81 | 54.00 | -12.19 |
| | 17355 (Pk) | | 58.66 | 68.23 | -9.57 |
| | 17355 (Av) | | 46.59 | 54.00 | -7.41 |
| | 5785 (Pk) | Horizontal | 119.77 | - | - |
| | 5785 (Av) | | 108.41 | - | - |
| | 5725(Pk) | | 56.44 | 122.20* | -65.76 |
| | 5720(Pk) | | 51.36 | 110.80* | -59.44 |
| | 5700(Pk) | | 50.59 | 105.20* | -54.61 |
| | 5650(Pk) | | 50.59 | 68.20* | -17.61 |
| | 11570 (Pk) | | 54.14 | 68.23 | -14.09 |
| | 11570 (Av) | | 41.70 | 54.00 | -12.30 |
| | 17355 (Pk) | | 58.87 | 68.23 | -9.36 |
| | 17355 (Av) | | 46.58 | 54.00 | -7.42 |
| 5825 | 5825 (Pk) | Vertical | 117.31 | - | - |
| | 5825 (Av) | | 106.53 | - | - |
| | 5850 (Pk) | | 68.61 | 122.20* | -53.59 |
| | 5855(Pk) | | 65.88 | 110.80* | -44.92 |
| | 5875(Pk) | | 53.18 | 105.20* | -52.02 |
| | 5925 (Pk) | | 52.05 | 68.20* | -16.15 |
| | 11650 (Pk) | | 54.16 | 68.23 | -14.07 |
| | 11650 (Av) | | 41.71 | 54.00 | -12.29 |
| | 17475 (Pk) | | 59.25 | 68.23 | -8.98 |
| | 17475 (Av) | | 47.36 | 54.00 | -6.64 |
| | 5825 (Pk) | Horizontal | 120.09 | - | - |
| | 5825 (Av) | | 108.68 | - | - |
| | 5850 (Pk) | | 74.18 | 122.20* | -48.02 |
| | 5855(Pk) | | 71.33 | 110.80* | -39.47 |
| | 5875(Pk) | | 56.23 | 105.20* | -48.97 |
| | 5925 (Pk) | | 52.44 | 68.20* | -15.76 |
| | 11650 (Pk) | | 52.95 | 68.23 | -15.28 |
| | 11650 (Av) | | 41.21 | 54.00 | -12.79 |
| | 17475 (Pk) | | 58.84 | 68.23 | -9.39 |
| | 17475 (Pk) | | 47.21 | 54.00 | -6.79 |

**Modulation: 802.11ax-20MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 120.15 | - | - |
| | 5180 (Av) | | 107.25 | - | - |
| | 5150 (Pk) | | 65.57 | 74.00* | -8.43 |
| | 5150 (Av) | | 50.70 | 54.00* | -3.30 |
| | 10360 (Pk) | | 54.24 | 68.23 | -13.99 |
| | 10360 (Av) | | 40.92 | 54.00 | -13.08 |
| | 15540 (Pk) | | 53.96 | 68.23 | -14.27 |
| | 15540 (Av) | | 41.58 | 54.00 | -12.42 |
| | 5180 (Pk) | Horizontal | 117.71 | - | - |
| | 5180 (Av) | | 104.63 | - | - |
| | 5150 (Pk) | | 57.31 | 74.00* | -16.69 |
| | 5150 (Av) | | 43.29 | 54.00* | -10.71 |
| | 10360 (Pk) | | 52.39 | 68.23 | -15.84 |
| | 10360 (Av) | | 40.01 | 54.00 | -13.99 |
| | 15540 (Pk) | | 53.31 | 68.23 | -14.92 |
| | 15540 (Av) | | 41.53 | 54.00 | -12.47 |
| 5200 | 5200 (Pk) | Vertical | 120.56 | - | - |
| | 5200 (Av) | | 107.86 | - | - |
| | 5150 (Pk) | | 53.61 | 74.00* | -20.39 |
| | 5150 (Av) | | 40.65 | 54.00* | -13.35 |
| | 10400 (Pk) | | 53.61 | 68.23 | -14.62 |
| | 10400 (Av) | | 41.63 | 54.00 | -12.37 |
| | 15600 (Pk) | | 52.83 | 68.23 | -15.40 |
| | 15600 (Av) | | 41.13 | 54.00 | -12.87 |
| | 5200 (Pk) | Horizontal | 117.41 | - | - |
| | 5200 (Av) | | 104.92 | - | - |
| | 5150 (Pk) | | 51.54 | 74.00* | -22.46 |
| | 5150 (Av) | | 38.91 | 54.00* | -15.09 |
| | 10400 (Pk) | | 51.91 | 68.23 | -16.32 |
| | 10400 (Av) | | 40.23 | 54.00 | -13.77 |
| | 15600 (Pk) | | 53.18 | 68.23 | -15.05 |
| | 15600 (Av) | | 41.09 | 54.00 | -12.91 |
| 5240 | 5240 (Pk) | Vertical | 121.06 | - | - |
| | 5240 (Av) | | 108.01 | - | - |
| | 5350 (Pk) | | 51.30 | 74.00* | -22.70 |
| | 5350 (Av) | | 38.71 | 54.00* | -15.29 |
| | 10480 (Pk) | | 51.45 | 68.23 | -16.78 |
| | 10480 (Av) | | 40.27 | 54.00 | -13.73 |
| | 15720 (Pk) | | 51.98 | 68.23 | -16.25 |
| | 15720 (Av) | | 40.13 | 54.00 | -13.87 |
| | 5240 (Pk) | Horizontal | 118.22 | - | - |
| | 5240 (Av) | | 103.00 | - | - |
| | 5350 (Pk) | | 50.06 | 74.00* | -23.94 |
| | 5350 (Av) | | 38.09 | 54.00* | -15.91 |
| | 10480 (Pk) | | 53.30 | 68.23 | -14.93 |
| | 10480 (Av) | | 40.37 | 54.00 | -13.63 |
| | 15720 (Pk) | | 51.64 | 68.23 | -16.59 |
| | 15720 (Av) | | 40.23 | 54.00 | -13.77 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 117.73 | - | - |
| | 5745 (Av) | | 104.42 | - | - |
| | 5725(Pk) | | 68.75 | 122.20* | -53.45 |
| | 5720(Pk) | | 65.14 | 110.80* | -45.66 |
| | 5700(Pk) | | 53.49 | 105.20* | -51.71 |
| | 5650(Pk) | | 50.93 | 68.20* | -17.27 |
| | 11490 (Pk) | | 55.35 | 68.23 | -12.88 |
| | 11490 (Av) | | 42.83 | 54.00 | -11.17 |
| | 17235 (Pk) | | 59.48 | 68.23 | -8.75 |
| | 17235 (Av) | | 46.47 | 54.00 | -7.53 |
| | 5745 (Pk) | Horizontal | 121.22 | - | - |
| | 5745 (Av) | | 107.63 | - | - |
| | 5725(Pk) | | 83.75 | 122.20* | -38.45 |
| | 5720(Pk) | | 76.22 | 110.80* | -34.58 |
| | 5700(Pk) | | 59.28 | 105.20* | -45.92 |
| | 5650(Pk) | | 57.87 | 68.20* | -10.33 |
| | 11490 (Pk) | | 54.96 | 68.23 | -13.27 |
| | 11490 (Av) | | 42.82 | 54.00 | -11.18 |
| | 17235 (Pk) | | 58.59 | 68.23 | -9.64 |
| | 17235 (Av) | | 46.48 | 54.00 | -7.52 |
| 5785 | 5785 (Pk) | Vertical | 117.96 | - | - |
| | 5785 (Av) | | 104.68 | - | - |
| | 5725(Pk) | | 55.36 | 122.20* | -66.84 |
| | 5720(Pk) | | 48.35 | 110.80* | -62.45 |
| | 5700(Pk) | | 48.64 | 105.20* | -56.56 |
| | 5650(Pk) | | 48.80 | 68.20* | -19.40 |
| | 11570 (Pk) | | 54.44 | 68.23 | -13.79 |
| | 11570 (Av) | | 42.77 | 54.00 | -11.23 |
| | 17355 (Pk) | | 59.44 | 68.23 | -8.79 |
| | 17355 (Av) | | 47.10 | 54.00 | -6.90 |
| | 5785 (Pk) | Horizontal | 121.82 | - | - |
| | 5785 (Av) | | 108.33 | - | - |
| | 5725(Pk) | | 56.57 | 122.20* | -65.63 |
| | 5720(Pk) | | 51.53 | 110.80* | -59.27 |
| | 5700(Pk) | | 50.60 | 105.20* | -54.60 |
| | 5650(Pk) | | 50.63 | 68.20* | -17.57 |
| | 11570 (Pk) | | 54.85 | 68.23 | -13.38 |
| | 11570 (Av) | | 42.57 | 54.00 | -11.43 |
| | 17355 (Pk) | | 59.86 | 68.23 | -8.37 |
| | 17355 (Av) | | 47.11 | 54.00 | -6.89 |
| 5825 | 5825 (Pk) | Vertical | 120.08 | - | - |
| | 5825 (Av) | | 106.77 | - | - |
| | 5850 (Pk) | | 69.92 | 122.20* | -52.28 |
| | 5855(Pk) | | 66.71 | 110.80* | -44.09 |
| | 5875(Pk) | | 53.47 | 105.20* | -51.73 |
| | 5925 (Pk) | | 51.64 | 68.20* | -16.56 |
| | 11650 (Pk) | | 55.19 | 68.23 | -13.04 |
| | 11650 (Av) | | 42.71 | 54.00 | -11.29 |
| | 17475 (Pk) | | 59.80 | 68.23 | -8.43 |
| | 17475 (Av) | | 47.91 | 54.00 | -6.09 |
| | 5825 (Pk) | Horizontal | 121.40 | - | - |
| | 5825 (Av) | | 108.24 | - | - |
| | 5850 (Pk) | | 78.24 | 122.20* | -43.96 |
| | 5855(Pk) | | 71.81 | 110.80* | -38.99 |
| | 5875(Pk) | | 61.22 | 105.20* | -43.98 |
| | 5925 (Pk) | | 52.55 | 68.20* | -15.65 |
| | 11650 (Pk) | | 55.22 | 68.23 | -13.01 |
| | 11650 (Av) | | 42.94 | 54.00 | -11.06 |
| | 17475 (Pk) | | 60.57 | 68.23 | -7.66 |
| | 17475 (Pk) | | 47.94 | 54.00 | -6.06 |

**Bandwidth: 40MHz**

**Modulation: 802.11n-40MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 111.58 | - | - |
| | 5190 (Av) | | 101.38 | - | - |
| | 5150 (Pk) | | 67.12 | 74.00* | -6.88 |
| | 5150 (Av) | | 51.39 | 54.00* | -2.61 |
| | 10380 (Pk) | | 52.33 | 68.23 | -15.90 |
| | 10380 (Av) | | 39.92 | 54.00 | -14.08 |
| | 15570 (Pk) | | 52.81 | 68.23 | -15.42 |
| | 15570 (Av) | | 41.14 | 54.00 | -12.86 |
| | 5190 (Pk) | Horizontal | 112.72 | - | - |
| | 5190 (Av) | | 101.64 | - | - |
| | 5150 (Pk) | | 68.07 | 74.00* | -5.93 |
| | 5150 (Av) | | 53.83 | 54.00* | -0.17 |
| | 10380 (Pk) | | 51.58 | 68.23 | -16.65 |
| | 10380 (Av) | | 39.84 | 54.00 | -14.16 |
| | 15570 (Pk) | | 52.91 | 68.23 | -15.32 |
| | 15570 (Av) | | 41.22 | 54.00 | -12.78 |
| 5230 | 5230 (Pk) | Vertical | 111.67 | - | - |
| | 5230 (Av) | | 101.66 | - | - |
| | 5350 (Pk) | | 48.24 | 74.00* | -25.76 |
| | 5350 (Av) | | 35.93 | 54.00* | -18.07 |
| | 10460 (Pk) | | 52.06 | 68.23 | -16.17 |
| | 10460 (Av) | | 40.23 | 54.00 | -13.77 |
| | 15690 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 15690 (Av) | | 40.21 | 54.00 | -13.79 |
| | 5230 (Pk) | Horizontal | 109.16 | - | - |
| | 5230 (Av) | | 98.30 | - | - |
| | 5350 (Pk) | | 46.68 | 74.00* | -27.32 |
| | 5350 (Av) | | 33.73 | 54.00* | -20.27 |
| | 10460 (Pk) | | 52.94 | 68.23 | -15.29 |
| | 10460 (Av) | | 40.20 | 54.00 | -13.80 |
| | 15690 (Pk) | | 51.75 | 68.23 | -16.48 |
| | 15690 (Av) | | 40.27 | 54.00 | -13.73 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 113.06 | - | - |
| | 5755 (Av) | | 102.57 | - | - |
| | 5725(Pk) | | 73.66 | 122.20* | -48.54 |
| | 5720(Pk) | | 72.10 | 110.80* | -38.70 |
| | 5700(Pk) | | 59.11 | 105.20* | -46.09 |
| | 5650(Pk) | | 51.17 | 68.20* | -17.03 |
| | 11510 (Pk) | | 54.65 | 68.23 | -13.58 |
| | 11510 (Av) | | 42.54 | 54.00 | -11.46 |
| | 17265 (Pk) | | 59.05 | 68.23 | -9.18 |
| | 17265 (Av) | | 46.25 | 54.00 | -7.75 |
| | 5755 (Pk) | Horizontal | 117.51 | - | - |
| | 5755 (Av) | | 106.49 | - | - |
| | 5725(Pk) | | 88.21 | 122.20* | -33.99 |
| | 5720(Pk) | | 87.81 | 110.80* | -22.99 |
| | 5700(Pk) | | 67.01 | 105.20* | -38.19 |
| | 5650(Pk) | | 56.18 | 68.20* | -12.02 |
| | 11510 (Pk) | | 54.84 | 68.23 | -13.39 |
| | 11510 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17265 (Pk) | | 57.98 | 68.23 | -10.25 |
| | 17265 (Av) | | 46.24 | 54.00 | -7.76 |
| 5795 | 5795 (Pk) | Vertical | 114.00 | - | - |
| | 5795 (Av) | | 102.82 | - | - |
| | 5850 (Pk) | | 61.01 | 122.20* | -61.19 |
| | 5855(Pk) | | 60.10 | 110.80* | -50.70 |
| | 5875(Pk) | | 50.59 | 105.20* | -54.61 |
| | 5925 (Pk) | | 49.78 | 68.20* | -18.42 |
| | 11590 (Pk) | | 54.38 | 68.23 | -13.85 |
| | 11590 (Av) | | 42.68 | 54.00 | -11.32 |
| | 17385 (Pk) | | 58.94 | 68.23 | -9.29 |
| | 17385 (Pk) | | 46.42 | 54.00 | -7.58 |
| | 5795 (Pk) | Horizontal | 117.53 | - | - |
| | 5795 (Av) | | 106.09 | - | - |
| | 5850 (Pk) | | 68.56 | 122.20* | -53.64 |
| | 5855(Pk) | | 67.70 | 110.80* | -43.10 |
| | 5875(Pk) | | 66.13 | 105.20* | -39.07 |
| | 5925 (Pk) | | 51.82 | 68.20* | -16.38 |
| | 11590 (Pk) | | 54.47 | 68.23 | -13.76 |
| | 11590 (Av) | | 42.56 | 54.00 | -11.44 |
| | 17385 (Pk) | | 58.18 | 68.23 | -10.05 |
| | 17385 (Pk) | | 46.43 | 54.00 | -7.57 |

**Modulation: 802.11ac-20MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 111.57 | - | - |
| | 5190 (Av) | | 101.04 | - | - |
| | 5150 (Pk) | | 66.79 | 74.00* | -7.21 |
| | 5150 (Av) | | 51.00 | 54.00* | -3.00 |
| | 10380 (Pk) | | 52.47 | 68.23 | -15.76 |
| | 10380 (Av) | | 39.88 | 54.00 | -14.12 |
| | 15570 (Pk) | | 52.37 | 68.23 | -15.86 |
| | 15570 (Av) | | 41.01 | 54.00 | -12.99 |
| | 5190 (Pk) | Horizontal | 109.11 | - | - |
| | 5190 (Av) | | 98.17 | - | - |
| | 5150 (Pk) | | 59.57 | 74.00* | -14.43 |
| | 5150 (Av) | | 44.19 | 54.00* | -9.81 |
| | 10380 (Pk) | | 51.69 | 68.23 | -16.54 |
| | 10380 (Av) | | 39.78 | 54.00 | -14.22 |
| | 15570 (Pk) | | 52.54 | 68.23 | -15.69 |
| | 15570 (Av) | | 40.97 | 54.00 | -13.03 |
| 5230 | 5230 (Pk) | Vertical | 111.56 | - | - |
| | 5230 (Av) | | 101.56 | - | - |
| | 5350 (Pk) | | 47.88 | 74.00* | -26.12 |
| | 5350 (Av) | | 35.86 | 54.00* | -18.14 |
| | 10460 (Pk) | | 52.36 | 68.23 | -15.87 |
| | 10460 (Av) | | 40.18 | 54.00 | -13.82 |
| | 15690 (Pk) | | 52.46 | 68.23 | -15.77 |
| | 15690 (Av) | | 40.15 | 54.00 | -13.85 |
| | 5230 (Pk) | Horizontal | 109.41 | - | - |
| | 5230 (Av) | | 99.09 | - | - |
| | 5350 (Pk) | | 46.25 | 74.00* | -27.75 |
| | 5350 (Av) | | 33.80 | 54.00* | -20.20 |
| | 10460 (Pk) | | 51.76 | 68.23 | -16.47 |
| | 10460 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15690 (Pk) | | 53.54 | 68.23 | -14.69 |
| | 15690 (Av) | | 40.13 | 54.00 | -13.87 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 112.58 | - | - |
| | 5755 (Av) | | 102.35 | - | - |
| | 5725(Pk) | | 75.56 | 122.20* | -46.64 |
| | 5720(Pk) | | 71.71 | 110.80* | -39.09 |
| | 5700(Pk) | | 58.08 | 105.20* | -47.12 |
| | 5650(Pk) | | 50.33 | 68.20* | -17.87 |
| | 11510 (Pk) | | 54.71 | 68.23 | -13.52 |
| | 11510 (Av) | | 42.54 | 54.00 | -11.46 |
| | 17265 (Pk) | | 58.74 | 68.23 | -9.49 |
| | 17265 (Av) | | 46.21 | 54.00 | -7.79 |
| | 5755 (Pk) | Horizontal | 117.27 | - | - |
| | 5755 (Av) | | 106.45 | - | - |
| | 5725(Pk) | | 89.25 | 122.20* | -32.95 |
| | 5720(Pk) | | 86.66 | 110.80* | -24.14 |
| | 5700(Pk) | | 67.01 | 105.20* | -38.19 |
| | 5650(Pk) | | 56.14 | 68.20* | -12.06 |
| | 11510 (Pk) | | 55.44 | 68.23 | -12.79 |
| | 11510 (Av) | | 42.58 | 54.00 | -11.42 |
| | 17265 (Pk) | | 58.14 | 68.23 | -10.09 |
| | 17265 (Av) | | 46.22 | 54.00 | -7.78 |
| 5795 | 5795 (Pk) | Vertical | 113.35 | - | - |
| | 5795 (Av) | | 102.74 | - | - |
| | 5850 (Pk) | | 61.10 | 122.20* | -61.10 |
| | 5855(Pk) | | 58.23 | 110.80* | -52.57 |
| | 5875(Pk) | | 50.73 | 105.20* | -54.47 |
| | 5925 (Pk) | | 48.67 | 68.20* | -19.53 |
| | 11590 (Pk) | | 54.80 | 68.23 | -13.43 |
| | 11590 (Av) | | 42.72 | 54.00 | -11.28 |
| | 17385 (Pk) | | 59.34 | 68.23 | -8.89 |
| | 17385 (Pk) | | 46.45 | 54.00 | -7.55 |
| | 5795 (Pk) | Horizontal | 117.68 | - | - |
| | 5795 (Av) | | 106.07 | - | - |
| | 5850 (Pk) | | 67.99 | 122.20* | -54.21 |
| | 5855(Pk) | | 67.36 | 110.80* | -43.44 |
| | 5875(Pk) | | 64.76 | 105.20* | -40.44 |
| | 5925 (Pk) | | 52.11 | 68.20* | -16.09 |
| | 11590 (Pk) | | 54.94 | 68.23 | -13.29 |
| | 11590 (Av) | | 42.58 | 54.00 | -11.42 |
| | 17385 (Pk) | | 59.02 | 68.23 | -9.21 |
| | 17385 (Pk) | | 46.45 | 54.00 | -7.55 |

**Modulation: 802.11ax-40MHz**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 113.55 | - | - |
| | 5190 (Av) | | 100.41 | - | - |
| | 5150 (Pk) | | 67.09 | 74.00* | -6.91 |
| | 5150 (Av) | | 50.41 | 54.00* | -3.59 |
| | 10380 (Pk) | | 51.34 | 68.23 | -16.89 |
| | 10380 (Av) | | 39.82 | 54.00 | -14.18 |
| | 15570 (Pk) | | 52.78 | 68.23 | -15.45 |
| | 15570 (Av) | | 41.06 | 54.00 | -12.94 |
| | 5190 (Pk) | Horizontal | 110.78 | - | - |
| | 5190 (Av) | | 97.41 | - | - |
| | 5150 (Pk) | | 59.30 | 74.00* | -14.70 |
| | 5150 (Av) | | 43.17 | 54.00* | -10.83 |
| | 10380 (Pk) | | 52.31 | 68.23 | -15.92 |
| | 10380 (Av) | | 39.81 | 54.00 | -14.19 |
| | 15570 (Pk) | | 53.52 | 68.23 | -14.71 |
| | 15570 (Av) | | 41.04 | 54.00 | -12.96 |
| 5230 | 5230 (Pk) | Vertical | 114.10 | - | - |
| | 5230 (Av) | | 101.04 | - | - |
| | 5350 (Pk) | | 47.83 | 74.00* | -26.17 |
| | 5350 (Av) | | 35.82 | 54.00* | -18.18 |
| | 10460 (Pk) | | 52.51 | 68.23 | -15.72 |
| | 10460 (Av) | | 40.21 | 54.00 | -13.79 |
| | 15690 (Pk) | | 51.86 | 68.23 | -16.37 |
| | 15690 (Av) | | 40.19 | 54.00 | -13.81 |
| | 5230 (Pk) | Horizontal | 111.03 | - | - |
| | 5230 (Av) | | 98.08 | - | - |
| | 5350 (Pk) | | 45.33 | 74.00* | -28.67 |
| | 5350 (Av) | | 33.56 | 54.00* | -20.44 |
| | 10460 (Pk) | | 51.38 | 68.23 | -16.85 |
| | 10460 (Av) | | 40.15 | 54.00 | -13.85 |
| | 15690 (Pk) | | 51.83 | 68.23 | -16.40 |
| | 15690 (Av) | | 40.19 | 54.00 | -13.81 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 115.08 | - | - |
| | 5755 (Av) | | 101.86 | - | - |
| | 5725(Pk) | | 72.23 | 122.20* | -49.97 |
| | 5720(Pk) | | 71.07 | 110.80* | -39.73 |
| | 5700(Pk) | | 56.68 | 105.20* | -48.52 |
| | 5650(Pk) | | 48.85 | 68.20* | -19.35 |
| | 11510 (Pk) | | 54.38 | 68.23 | -13.85 |
| | 11510 (Av) | | 42.53 | 54.00 | -11.47 |
| | 17265 (Pk) | | 58.78 | 68.23 | -9.45 |
| | 17265 (Av) | | 46.23 | 54.00 | -7.77 |
| | 5755 (Pk) | Horizontal | 119.41 | - | - |
| | 5755 (Av) | | 105.75 | - | - |
| | 5725(Pk) | | 87.63 | 122.20* | -34.57 |
| | 5720(Pk) | | 88.43 | 110.80* | -22.37 |
| | 5700(Pk) | | 68.31 | 105.20* | -36.89 |
| | 5650(Pk) | | 57.15 | 68.20* | -11.05 |
| | 11510 (Pk) | | 55.44 | 68.23 | -12.79 |
| | 11510 (Av) | | 42.58 | 54.00 | -11.42 |
| | 17265 (Pk) | | 58.25 | 68.23 | -9.98 |
| | 17265 (Av) | | 46.22 | 54.00 | -7.78 |
| 5795 | 5795 (Pk) | Vertical | 115.76 | - | - |
| | 5795 (Av) | | 102.05 | - | - |
| | 5850 (Pk) | | 61.21 | 122.20* | -60.99 |
| | 5855(Pk) | | 59.96 | 110.80* | -50.84 |
| | 5875(Pk) | | 49.82 | 105.20* | -55.38 |
| | 5925 (Pk) | | 48.31 | 68.20* | -19.89 |
| | 11590 (Pk) | | 54.49 | 68.23 | -13.74 |
| | 11590 (Av) | | 42.71 | 54.00 | -11.29 |
| | 17385 (Pk) | | 59.26 | 68.23 | -8.97 |
| | 17385 (Pk) | | 46.38 | 54.00 | -7.62 |
| | 5795 (Pk) | Horizontal | 118.89 | - | - |
| | 5795 (Av) | | 105.46 | - | - |
| | 5850 (Pk) | | 69.74 | 122.20* | -52.46 |
| | 5855(Pk) | | 67.36 | 110.80* | -43.44 |
| | 5875(Pk) | | 63.58 | 105.20* | -41.62 |
| | 5925 (Pk) | | 52.03 | 68.20* | -16.17 |
| | 11590 (Pk) | | 55.37 | 68.23 | -12.86 |
| | 11590 (Av) | | 42.58 | 54.00 | -11.42 |
| | 17385 (Pk) | | 58.56 | 68.23 | -9.67 |
| | 17385 (Pk) | | 46.43 | 54.00 | -7.57 |

**Bandwidth: 80MHz**

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 109.50 | - | - |
| | 5210 (Av) | | 98.61 | - | - |
| | 5150 (Pk) | | 66.54 | 74.00* | -7.46 |
| | 5150 (Av) | | 51.82 | 54.00* | -2.18 |
| | 10420 (Pk) | | 52.37 | 68.23 | -15.86 |
| | 10420 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15630 (Pk) | | 52.36 | 68.23 | -15.87 |
| | 15630 (Av) | | 40.35 | 54.00 | -13.65 |
| | 5210 (Pk) | Horizontal | 106.38 | - | - |
| | 5210 (Av) | | 95.17 | - | - |
| | 5150 (Pk) | | 57.41 | 74.00* | -16.59 |
| | 5150 (Av) | | 43.98 | 54.00* | -10.02 |
| | 10420 (Pk) | | 51.38 | 68.23 | -16.85 |
| | 10420 (Av) | | 40.14 | 54.00 | -13.86 |
| | 15630 (Pk) | | 52.73 | 68.23 | -15.50 |
| | 15630 (Av) | | 40.42 | 54.00 | -13.58 |
| 5775 | 5775 (Pk) | Vertical | 109.65 | - | - |
| | 5775 (Pk) | | 99.12 | - | - |
| | 5850 (Pk) | | 67.12 | 122.20* | -55.08 |
| | 5855 (Pk) | | 65.25 | 110.80* | -45.55 |
| | 5875 (Pk) | | 57.78 | 105.20* | -47.42 |
| | 5925 (Pk) | | 48.25 | 68.20* | -19.95 |
| | 11550 (Pk) | | 54.44 | 68.23 | -13.79 |
| | 11550 (Av) | | 42.53 | 54.00 | -11.47 |
| | 17325 (Pk) | | 59.06 | 68.23 | -9.17 |
| | 17325 (Av) | | 46.27 | 54.00 | -7.73 |
| | 5775 (Pk) | Horizontal | 114.78 | - | - |
| | 5775 (Pk) | | 103.58 | - | - |
| | 5850 (Pk) | | 82.71 | 122.20* | -39.49 |
| | 5855 (Pk) | | 80.77 | 110.80* | -30.03 |
| | 5875 (Pk) | | 73.00 | 105.20* | -32.20 |
| | 5925 (Pk) | | 59.07 | 68.20* | -9.13 |
| | 11550 (Av) | | 54.62 | 68.23 | -13.61 |
| | 11550 (Pk) | | 42.53 | 54.00 | -11.47 |
| | 17325 (Pk) | | 58.35 | 68.23 | -9.88 |
| | 17325 (Av) | | 46.30 | 54.00 | -7.70 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 111.26 | - | - |
| | 5210 (Av) | | 98.15 | - | - |
| | 5150 (Pk) | | 65.39 | 74.00* | -8.61 |
| | 5150 (Av) | | 51.93 | 54.00* | -2.07 |
| | 10420 (Pk) | | 52.13 | 68.23 | -16.10 |
| | 10420 (Av) | | 40.09 | 54.00 | -13.91 |
| | 15630 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 15630 (Av) | | 40.39 | 54.00 | -13.61 |
| | 5210 (Pk) | Horizontal | 108.42 | - | - |
| | 5210 (Av) | | 95.57 | - | - |
| | 5150 (Pk) | | 56.99 | 74.00* | -17.01 |
| | 5150 (Av) | | 44.96 | 54.00* | -9.04 |
| | 10420 (Pk) | | 52.13 | 68.23 | -16.10 |
| | 10420 (Av) | | 40.09 | 54.00 | -13.91 |
| | 15630 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 15630 (Av) | | 40.39 | 54.00 | -13.61 |
| 5775 | 5775 (Pk) | Vertical | 113.51 | - | - |
| | 5775 (Pk) | | 98.98 | - | - |
| | 5850 (Pk) | | 68.18 | 122.20* | -54.02 |
| | 5855 (Pk) | | 67.38 | 110.80* | -43.42 |
| | 5875 (Pk) | | 59.28 | 105.20* | -45.92 |
| | 5925 (Pk) | | 49.68 | 68.20* | -18.52 |
| | 11550 (Pk) | | 55.18 | 68.23 | -13.05 |
| | 11550 (Av) | | 42.53 | 54.00 | -11.47 |
| | 17325 (Pk) | | 58.19 | 68.23 | -10.04 |
| | 17325 (Av) | | 46.30 | 54.00 | -7.70 |
| | 5775 (Pk) | Horizontal | 117.03 | - | - |
| | 5775 (Pk) | | 103.26 | - | - |
| | 5850 (Pk) | | 82.33 | 122.20* | -39.87 |
| | 5855 (Pk) | | 81.50 | 110.80* | -29.30 |
| | 5875 (Pk) | | 74.78 | 105.20* | -30.42 |
| | 5925 (Pk) | | 59.97 | 68.20* | -8.23 |
| | 11550 (Av) | | 55.32 | 68.23 | -12.91 |
| | 11550 (Pk) | | 42.49 | 54.00 | -11.51 |
| | 17325 (Pk) | | 57.87 | 68.23 | -10.36 |
| | 17325 (Av) | | 46.28 | 54.00 | -7.72 |

**Antenna Type & Antenna Gain: Panel Antenna & 28dBi**

**Channel Bandwidth: 20MHz**

**Modulation: 802.11a**

**Data Rate: 54Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 118.29 | - | - |
| | 5180 (Av) | | 100.25 | - | - |
| | 5150 (Pk) | | 71.15 | 74.00* | -2.85 |
| | 5150 (Av) | | 50.25 | 54.00* | -3.75 |
| | 10360 (Pk) | | 55.64 | 68.23 | -12.59 |
| | 10360 (Av) | | 40.55 | 54.00 | -13.45 |
| | 15540 (Pk) | | 54.96 | 68.23 | -13.27 |
| | 15540 (Av) | | 42.73 | 54.00 | -11.27 |
| | 5180 (Pk) | Horizontal | 118.07 | - | - |
| | 5180 (Av) | | 100.56 | - | - |
| | 5150 (Pk) | | 70.25 | 74.00* | -3.75 |
| | 5150 (Av) | | 49.57 | 54.00* | -4.43 |
| | 10360 (Pk) | | 51.51 | 68.23 | -16.72 |
| | 10360 (Av) | | 39.90 | 54.00 | -14.10 |
| | 15540 (Pk) | | 55.04 | 68.23 | -13.19 |
| | 15540 (Av) | | 42.72 | 54.00 | -11.28 |
| 5200 | 5200 (Pk) | Vertical | 119.53 | - | - |
| | 5200 (Av) | | 101.26 | - | - |
| | 5150 (Pk) | | 63.01 | 74.00* | -10.99 |
| | 5150 (Av) | | 43.52 | 54.00* | -10.48 |
| | 10400 (Pk) | | 57.11 | 68.23 | -11.12 |
| | 10400 (Av) | | 42.22 | 54.00 | -11.78 |
| | 15600 (Pk) | | 54.89 | 68.23 | -13.34 |
| | 15600 (Av) | | 42.13 | 54.00 | -11.87 |
| | 5200 (Pk) | Horizontal | 118.47 | - | - |
| | 5200 (Av) | | 100.92 | - | - |
| | 5150 (Pk) | | 63.68 | 74.00* | -10.32 |
| | 5150 (Av) | | 41.57 | 54.00* | -12.43 |
| | 10400 (Pk) | | 55.38 | 68.23 | -12.85 |
| | 10400 (Av) | | 41.70 | 54.00 | -12.30 |
| | 15600 (Pk) | | 53.64 | 68.23 | -14.59 |
| | 15600 (Av) | | 42.10 | 54.00 | -11.90 |
| 5240 | 5240 (Pk) | Vertical | 120.27 | - | - |
| | 5240 (Av) | | 102.02 | - | - |
| | 5350 (Pk) | | 52.45 | 74.00* | -21.55 |
| | 5350 (Av) | | 38.10 | 54.00* | -15.90 |
| | 10480 (Pk) | | 57.90 | 68.23 | -10.33 |
| | 10480 (Av) | | 42.21 | 54.00 | -11.79 |
| | 15720 (Pk) | | 54.14 | 68.23 | -14.09 |
| | 15720 (Av) | | 41.87 | 54.00 | -12.13 |
| | 5240 (Pk) | Horizontal | 119.00 | - | - |
| | 5240 (Av) | | 101.31 | - | - |
| | 5350 (Pk) | | 53.50 | 74.00* | -20.50 |
| | 5350 (Av) | | 38.73 | 54.00* | -15.27 |
| | 10480 (Pk) | | 54.92 | 68.23 | -13.31 |
| | 10480 (Av) | | 41.38 | 54.00 | -12.62 |
| | 15720 (Pk) | | 53.48 | 68.23 | -14.75 |
| | 15720 (Av) | | 41.87 | 54.00 | -12.13 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 120.38 | - | - |
| | 5745 (Av) | | 102.22 | - | - |
| | 5725(Pk) | | 95.57 | 122.20* | -26.63 |
| | 5720(Pk) | | 85.91 | 110.80* | -24.89 |
| | 5700(Pk) | | 68.03 | 105.20* | -37.17 |
| | 5650(Pk) | | 53.83 | 68.20* | -14.37 |
| | 11490 (Pk) | | 54.19 | 68.23 | -14.04 |
| | 11490 (Av) | | 42.70 | 54.00 | -11.30 |
| | 17235 (Pk) | | 56.61 | 68.23 | -11.62 |
| | 17235 (Av) | | 44.69 | 54.00 | -9.31 |
| | 5745 (Pk) | Horizontal | 121.72 | - | - |
| | 5745 (Av) | | 103.73 | - | - |
| | 5725(Pk) | | 100.39 | 122.20* | -21.81 |
| | 5720(Pk) | | 92.46 | 110.80* | -18.34 |
| | 5700(Pk) | | 75.37 | 105.20* | -29.83 |
| | 5650(Pk) | | 58.58 | 68.20* | -9.62 |
| | 11490 (Pk) | | 54.82 | 68.23 | -13.41 |
| | 11490 (Av) | | 42.75 | 54.00 | -11.25 |
| | 17235 (Pk) | | 57.17 | 68.23 | -11.06 |
| | 17235 (Av) | | 44.67 | 54.00 | -9.33 |
| 5785 | 5785 (Pk) | Vertical | 120.59 | - | - |
| | 5785 (Av) | | 102.33 | - | - |
| | 5725(Pk) | | 62.83 | 122.20* | -59.37 |
| | 5720(Pk) | | 59.30 | 110.80* | -51.50 |
| | 5700(Pk) | | 52.94 | 105.20* | -52.26 |
| | 5650(Pk) | | 52.35 | 68.20* | -15.85 |
| | 11570 (Pk) | | 53.99 | 68.23 | -14.24 |
| | 11570 (Av) | | 42.12 | 54.00 | -11.88 |
| | 17355 (Pk) | | 57.47 | 68.23 | -10.76 |
| | 17355 (Av) | | 45.18 | 54.00 | -8.82 |
| | 5785 (Pk) | Horizontal | 122.46 | - | - |
| | 5785 (Av) | | 105.14 | - | - |
| | 5725(Pk) | | 68.87 | 122.20* | -53.33 |
| | 5720(Pk) | | 63.64 | 110.80* | -47.16 |
| | 5700(Pk) | | 58.72 | 105.20* | -46.48 |
| | 5650(Pk) | | 49.78 | 68.20* | -18.42 |
| | 11570 (Pk) | | 54.98 | 68.23 | -13.25 |
| | 11570 (Av) | | 42.13 | 54.00 | -11.87 |
| | 17355 (Pk) | | 56.98 | 68.23 | -11.25 |
| | 17355 (Av) | | 45.19 | 54.00 | -8.81 |
| 5825 | 5825 (Pk) | Vertical | 121.16 | - | - |
| | 5825 (Av) | | 103.21 | - | - |
| | 5850 (Pk) | | 86.66 | 122.20* | -35.54 |
| | 5855(Pk) | | 84.10 | 110.80* | -26.70 |
| | 5875(Pk) | | 68.15 | 105.20* | -37.05 |
| | 5925 (Pk) | | 55.63 | 68.20* | -12.57 |
| | 11650 (Pk) | | 53.80 | 68.23 | -14.43 |
| | 11650 (Av) | | 41.65 | 54.00 | -12.35 |
| | 17475 (Pk) | | 58.12 | 68.23 | -10.11 |
| | 17475 (Av) | | 46.55 | 54.00 | -7.45 |
| | 5825 (Pk) | Horizontal | 122.75 | - | - |
| | 5825 (Av) | | 105.41 | - | - |
| | 5850 (Pk) | | 93.13 | 122.20* | -29.07 |
| | 5855(Pk) | | 91.26 | 110.80* | -19.54 |
| | 5875(Pk) | | 71.89 | 105.20* | -33.31 |
| | 5925 (Pk) | | 60.99 | 68.20* | -7.21 |
| | 11650 (Pk) | | 53.50 | 68.23 | -14.73 |
| | 11650 (Av) | | 41.63 | 54.00 | -12.37 |
| | 17475 (Pk) | | 58.61 | 68.23 | -9.62 |
| | 17475 (Pk) | | 46.54 | 54.00 | -7.46 |

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 118.73 | - | - |
| | 5180 (Av) | | 108.04 | - | - |
| | 5150 (Pk) | | 66.65 | 74.00* | -7.35 |
| | 5150 (Av) | | 50.97 | 54.00* | -3.03 |
| | 10360 (Pk) | | 52.42 | 68.23 | -15.81 |
| | 10360 (Av) | | 41.35 | 54.00 | -12.65 |
| | 15540 (Pk) | | 54.32 | 68.23 | -13.91 |
| | 15540 (Av) | | 42.48 | 54.00 | -11.52 |
| | 5180 (Pk) | Horizontal | 118.91 | - | - |
| | 5180 (Av) | | 108.20 | - | - |
| | 5150 (Pk) | | 62.82 | 74.00* | -11.18 |
| | 5150 (Av) | | 48.48 | 54.00* | -5.52 |
| | 10360 (Pk) | | 51.68 | 68.23 | -16.55 |
| | 10360 (Av) | | 40.00 | 54.00 | -14.00 |
| | 15540 (Pk) | | 55.19 | 68.23 | -13.04 |
| | 15540 (Av) | | 42.52 | 54.00 | -11.48 |
| 5200 | 5200 (Pk) | Vertical | 120.80 | - | - |
| | 5200 (Av) | | 110.04 | - | - |
| | 5150 (Pk) | | 59.30 | 74.00* | -14.70 |
| | 5150 (Av) | | 44.16 | 54.00* | -9.84 |
| | 10400 (Pk) | | 58.45 | 68.23 | -9.78 |
| | 10400 (Av) | | 43.79 | 54.00 | -10.21 |
| | 15600 (Pk) | | 54.44 | 68.23 | -13.79 |
| | 15600 (Av) | | 41.91 | 54.00 | -12.09 |
| | 5200 (Pk) | Horizontal | 120.77 | - | - |
| | 5200 (Av) | | 109.72 | - | - |
| | 5150 (Pk) | | 55.56 | 74.00* | -18.44 |
| | 5150 (Av) | | 42.06 | 54.00* | -11.94 |
| | 10400 (Pk) | | 56.14 | 68.23 | -12.09 |
| | 10400 (Av) | | 42.80 | 54.00 | -11.20 |
| | 15600 (Pk) | | 54.37 | 68.23 | -13.86 |
| | 15600 (Av) | | 41.95 | 54.00 | -12.05 |
| 5240 | 5240 (Pk) | Vertical | 120.83 | - | - |
| | 5240 (Av) | | 110.37 | - | - |
| | 5350 (Pk) | | 50.63 | 74.00* | -23.37 |
| | 5350 (Av) | | 38.74 | 54.00* | -15.26 |
| | 10480 (Pk) | | 57.42 | 68.23 | -10.81 |
| | 10480 (Av) | | 43.60 | 54.00 | -10.40 |
| | 15720 (Pk) | | 53.69 | 68.23 | -14.54 |
| | 15720 (Av) | | 41.64 | 54.00 | -12.36 |
| | 5240 (Pk) | Horizontal | 120.13 | - | - |
| | 5240 (Av) | | 109.30 | - | - |
| | 5350 (Pk) | | 52.00 | 74.00* | -22.00 |
| | 5350 (Av) | | 40.02 | 54.00* | -13.98 |
| | 10480 (Pk) | | 55.23 | 68.23 | -13.00 |
| | 10480 (Av) | | 42.23 | 54.00 | -11.77 |
| | 15720 (Pk) | | 53.36 | 68.23 | -14.87 |
| | 15720 (Av) | | 41.70 | 54.00 | -12.30 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 121.01 | - | - |
| | 5745 (Av) | | 110.14 | - | - |
| | 5725(Pk) | | 88.33 | 122.20* | -33.87 |
| | 5720(Pk) | | 78.62 | 110.80* | -32.18 |
| | 5700(Pk) | | 64.53 | 105.20* | -40.67 |
| | 5650(Pk) | | 52.57 | 68.20* | -15.63 |
| | 11490 (Pk) | | 54.77 | 68.23 | -13.46 |
| | 11490 (Av) | | 42.66 | 54.00 | -11.34 |
| | 17235 (Pk) | | 56.63 | 68.23 | -11.60 |
| | 17235 (Av) | | 44.67 | 54.00 | -9.33 |
| | 5745 (Pk) | Horizontal | 123.01 | - | - |
| | 5745 (Av) | | 111.75 | - | - |
| | 5725(Pk) | | 96.99 | 122.20* | -25.21 |
| | 5720(Pk) | | 88.42 | 110.80* | -22.38 |
| | 5700(Pk) | | 71.28 | 105.20* | -33.92 |
| | 5650(Pk) | | 56.75 | 68.20* | -11.45 |
| | 11490 (Pk) | | 55.04 | 68.23 | -13.19 |
| | 11490 (Av) | | 42.72 | 54.00 | -11.28 |
| | 17235 (Pk) | | 56.70 | 68.23 | -11.53 |
| | 17235 (Av) | | 44.64 | 54.00 | -9.36 |
| 5785 | 5785 (Pk) | Vertical | 121.39 | - | - |
| | 5785 (Av) | | 110.38 | - | - |
| | 5725(Pk) | | 57.38 | 122.20* | -64.82 |
| | 5720(Pk) | | 54.03 | 110.80* | -56.77 |
| | 5700(Pk) | | 51.63 | 105.20* | -53.57 |
| | 5650(Pk) | | 51.83 | 68.20* | -16.37 |
| | 11570 (Pk) | | 54.52 | 68.23 | -13.71 |
| | 11570 (Av) | | 42.15 | 54.00 | -11.85 |
| | 17355 (Pk) | | 58.03 | 68.23 | -10.20 |
| | 17355 (Av) | | 45.17 | 54.00 | -8.83 |
| | 5785 (Pk) | Horizontal | 124.31 | - | - |
| | 5785 (Av) | | 113.10 | - | - |
| | 5725(Pk) | | 67.10 | 122.20* | -55.10 |
| | 5720(Pk) | | 63.38 | 110.80* | -47.42 |
| | 5700(Pk) | | 54.12 | 105.20* | -51.08 |
| | 5650(Pk) | | 51.04 | 68.20* | -17.16 |
| | 11570 (Pk) | | 53.61 | 68.23 | -14.62 |
| | 11570 (Av) | | 42.12 | 54.00 | -11.88 |
| | 17355 (Pk) | | 57.07 | 68.23 | -11.16 |
| | 17355 (Av) | | 45.18 | 54.00 | -8.82 |
| 5825 | 5825 (Pk) | Vertical | 121.81 | - | - |
| | 5825 (Av) | | 110.97 | - | - |
| | 5850 (Pk) | | 82.68 | 122.20* | -39.52 |
| | 5855(Pk) | | 75.13 | 110.80* | -35.67 |
| | 5875(Pk) | | 65.73 | 105.20* | -39.47 |
| | 5925 (Pk) | | 54.53 | 68.20* | -13.67 |
| | 11650 (Pk) | | 54.04 | 68.23 | -14.19 |
| | 11650 (Av) | | 42.01 | 54.00 | -11.99 |
| | 17475 (Pk) | | 58.30 | 68.23 | -9.93 |
| | 17475 (Av) | | 46.56 | 54.00 | -7.44 |
| | 5825 (Pk) | Horizontal | 123.74 | - | - |
| | 5825 (Av) | | 112.74 | - | - |
| | 5850 (Pk) | | 92.71 | 122.20* | -29.49 |
| | 5855(Pk) | | 80.57 | 110.80* | -30.23 |
| | 5875(Pk) | | 73.64 | 105.20* | -31.56 |
| | 5925 (Pk) | | 57.16 | 68.20* | -11.04 |
| | 11650 (Pk) | | 53.86 | 68.23 | -14.37 |
| | 11650 (Av) | | 41.63 | 54.00 | -12.37 |
| | 17475 (Pk) | | 58.45 | 68.23 | -9.78 |
| | 17475 (Pk) | | 46.61 | 54.00 | -7.39 |

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 118.78 | - | - |
| | 5180 (Av) | | 107.95 | - | - |
| | 5150 (Pk) | | 66.71 | 74.00* | -7.29 |
| | 5150 (Av) | | 50.63 | 54.00* | -3.37 |
| | 10360 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 10360 (Av) | | 41.40 | 54.00 | -12.60 |
| | 15540 (Pk) | | 54.53 | 68.23 | -13.70 |
| | 15540 (Av) | | 42.52 | 54.00 | -11.48 |
| | 5180 (Pk) | Horizontal | 119.09 | - | - |
| | 5180 (Av) | | 108.17 | - | - |
| | 5150 (Pk) | | 63.19 | 74.00* | -10.81 |
| | 5150 (Av) | | 48.42 | 54.00* | -5.58 |
| | 10360 (Pk) | | 52.57 | 68.23 | -15.66 |
| | 10360 (Av) | | 41.23 | 54.00 | -12.77 |
| | 15540 (Pk) | | 54.79 | 68.23 | -13.44 |
| | 15540 (Av) | | 42.51 | 54.00 | -11.49 |
| 5200 | 5200 (Pk) | Vertical | 120.30 | - | - |
| | 5200 (Av) | | 109.80 | - | - |
| | 5150 (Pk) | | 58.07 | 74.00* | -15.93 |
| | 5150 (Av) | | 44.70 | 54.00* | -9.30 |
| | 10400 (Pk) | | 58.82 | 68.23 | -9.41 |
| | 10400 (Av) | | 43.87 | 54.00 | -10.13 |
| | 15600 (Pk) | | 53.51 | 68.23 | -14.72 |
| | 15600 (Av) | | 41.85 | 54.00 | -12.15 |
| | 5200 (Pk) | Horizontal | 120.87 | - | - |
| | 5200 (Av) | | 109.65 | - | - |
| | 5150 (Pk) | | 55.32 | 74.00* | -18.68 |
| | 5150 (Av) | | 42.18 | 54.00* | -11.82 |
| | 10400 (Pk) | | 56.08 | 68.23 | -12.15 |
| | 10400 (Av) | | 42.91 | 54.00 | -11.09 |
| | 15600 (Pk) | | 54.21 | 68.23 | -14.02 |
| | 15600 (Av) | | 41.92 | 54.00 | -12.08 |
| 5240 | 5240 (Pk) | Vertical | 120.91 | - | - |
| | 5240 (Av) | | 110.32 | - | - |
| | 5350 (Pk) | | 51.05 | 74.00* | -22.95 |
| | 5350 (Av) | | 38.72 | 54.00* | -15.28 |
| | 10480 (Pk) | | 57.80 | 68.23 | -10.43 |
| | 10480 (Av) | | 43.82 | 54.00 | -10.18 |
| | 15720 (Pk) | | 54.46 | 68.23 | -13.77 |
| | 15720 (Av) | | 41.75 | 54.00 | -12.25 |
| | 5240 (Pk) | Horizontal | 120.34 | - | - |
| | 5240 (Av) | | 109.30 | - | - |
| | 5350 (Pk) | | 51.76 | 74.00* | -22.24 |
| | 5350 (Av) | | 39.87 | 54.00* | -14.13 |
| | 10480 (Pk) | | 56.27 | 68.23 | -11.96 |
| | 10480 (Av) | | 42.19 | 54.00 | -11.81 |
| | 15720 (Pk) | | 53.97 | 68.23 | -14.26 |
| | 15720 (Av) | | 41.72 | 54.00 | -12.28 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 120.71 | - | - |
| | 5745 (Av) | | 110.38 | - | - |
| | 5725(Pk) | | 88.25 | 122.20* | -33.95 |
| | 5720(Pk) | | 78.57 | 110.80* | -32.23 |
| | 5700(Pk) | | 63.98 | 105.20* | -41.22 |
| | 5650(Pk) | | 53.35 | 68.20* | -14.85 |
| | 11490 (Pk) | | 55.45 | 68.23 | -12.78 |
| | 11490 (Av) | | 42.78 | 54.00 | -11.22 |
| | 17235 (Pk) | | 56.18 | 68.23 | -12.05 |
| | 17235 (Av) | | 44.76 | 54.00 | -9.24 |
| | 5745 (Pk) | Horizontal | 123.28 | - | - |
| | 5745 (Av) | | 111.87 | - | - |
| | 5725(Pk) | | 96.82 | 122.20* | -25.38 |
| | 5720(Pk) | | 88.82 | 110.80* | -21.98 |
| | 5700(Pk) | | 71.83 | 105.20* | -33.37 |
| | 5650(Pk) | | 57.11 | 68.20* | -11.09 |
| | 11490 (Pk) | | 55.30 | 68.23 | -12.93 |
| | 11490 (Av) | | 42.57 | 54.00 | -11.43 |
| | 17235 (Pk) | | 56.92 | 68.23 | -11.31 |
| | 17235 (Av) | | 44.70 | 54.00 | -9.30 |
| 5785 | 5785 (Pk) | Vertical | 121.28 | - | - |
| | 5785 (Av) | | 110.54 | - | - |
| | 5725(Pk) | | 58.08 | 122.20* | -64.12 |
| | 5720(Pk) | | 54.04 | 110.80* | -56.76 |
| | 5700(Pk) | | 51.88 | 105.20* | -53.32 |
| | 5650(Pk) | | 51.89 | 68.20* | -16.31 |
| | 11570 (Pk) | | 54.56 | 68.23 | -13.67 |
| | 11570 (Av) | | 42.20 | 54.00 | -11.80 |
| | 17355 (Pk) | | 57.19 | 68.23 | -11.04 |
| | 17355 (Av) | | 45.22 | 54.00 | -8.78 |
| | 5785 (Pk) | Horizontal | 124.05 | - | - |
| | 5785 (Av) | | 113.12 | - | - |
| | 5725(Pk) | | 66.10 | 122.20* | -56.10 |
| | 5720(Pk) | | 62.29 | 110.80* | -48.51 |
| | 5700(Pk) | | 53.17 | 105.20* | -52.03 |
| | 5650(Pk) | | 49.36 | 68.20* | -18.84 |
| | 11570 (Pk) | | 53.88 | 68.23 | -14.35 |
| | 11570 (Av) | | 42.18 | 54.00 | -11.82 |
| | 17355 (Pk) | | 57.76 | 68.23 | -10.47 |
| | 17355 (Av) | | 45.23 | 54.00 | -8.77 |
| 5825 | 5825 (Pk) | Vertical | 121.92 | - | - |
| | 5825 (Av) | | 111.22 | - | - |
| | 5850 (Pk) | | 83.21 | 122.20* | -38.99 |
| | 5855(Pk) | | 75.42 | 110.80* | -35.38 |
| | 5875(Pk) | | 66.54 | 105.20* | -38.66 |
| | 5925 (Pk) | | 56.25 | 68.20* | -11.95 |
| | 11650 (Pk) | | 54.32 | 68.23 | -13.91 |
| | 11650 (Av) | | 41.75 | 54.00 | -12.25 |
| | 17475 (Pk) | | 58.57 | 68.23 | -9.66 |
| | 17475 (Av) | | 46.63 | 54.00 | -7.37 |
| | 5825 (Pk) | Horizontal | 123.85 | - | - |
| | 5825 (Av) | | 112.90 | - | - |
| | 5850 (Pk) | | 91.49 | 122.20* | -30.71 |
| | 5855(Pk) | | 79.95 | 110.80* | -30.85 |
| | 5875(Pk) | | 73.56 | 105.20* | -31.64 |
| | 5925 (Pk) | | 56.68 | 68.20* | -11.52 |
| | 11650 (Pk) | | 53.62 | 68.23 | -14.61 |
| | 11650 (Av) | | 41.84 | 54.00 | -12.16 |
| | 17475 (Pk) | | 58.35 | 68.23 | -9.88 |
| | 17475 (Pk) | | 46.59 | 54.00 | -7.41 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 120.40 | - | - |
| | 5180 (Av) | | 107.02 | - | - |
| | 5150 (Pk) | | 65.94 | 74.00* | -8.06 |
| | 5150 (Av) | | 50.17 | 54.00* | -3.83 |
| | 10360 (Pk) | | 52.14 | 68.23 | -16.09 |
| | 10360 (Av) | | 41.16 | 54.00 | -12.84 |
| | 15540 (Pk) | | 54.35 | 68.23 | -13.88 |
| | 15540 (Av) | | 42.58 | 54.00 | -11.42 |
| | 5180 (Pk) | Horizontal | 119.66 | - | - |
| | 5180 (Av) | | 107.20 | - | - |
| | 5150 (Pk) | | 63.49 | 74.00* | -10.51 |
| | 5150 (Av) | | 48.68 | 54.00* | -5.32 |
| | 10360 (Pk) | | 52.28 | 68.23 | -15.95 |
| | 10360 (Av) | | 40.52 | 54.00 | -13.48 |
| | 15540 (Pk) | | 55.00 | 68.23 | -13.23 |
| | 15540 (Av) | | 42.53 | 54.00 | -11.47 |
| 5200 | 5200 (Pk) | Vertical | 122.31 | - | - |
| | 5200 (Av) | | 109.47 | - | - |
| | 5150 (Pk) | | 61.11 | 74.00* | -12.89 |
| | 5150 (Av) | | 47.04 | 54.00* | -6.96 |
| | 10400 (Pk) | | 58.27 | 68.23 | -9.96 |
| | 10400 (Av) | | 44.16 | 54.00 | -9.84 |
| | 15600 (Pk) | | 54.21 | 68.23 | -14.02 |
| | 15600 (Av) | | 41.88 | 54.00 | -12.12 |
| | 5200 (Pk) | Horizontal | 122.35 | - | - |
| | 5200 (Av) | | 109.52 | - | - |
| | 5150 (Pk) | | 58.24 | 74.00* | -15.76 |
| | 5150 (Av) | | 43.65 | 54.00* | -10.35 |
| | 10400 (Pk) | | 56.48 | 68.23 | -11.75 |
| | 10400 (Av) | | 42.86 | 54.00 | -11.14 |
| | 15600 (Pk) | | 53.77 | 68.23 | -14.46 |
| | 15600 (Av) | | 41.87 | 54.00 | -12.13 |
| 5240 | 5240 (Pk) | Vertical | 123.37 | - | - |
| | 5240 (Av) | | 110.12 | - | - |
| | 5350 (Pk) | | 51.63 | 74.00* | -22.37 |
| | 5350 (Av) | | 38.78 | 54.00* | -15.22 |
| | 10480 (Pk) | | 58.98 | 68.23 | -9.25 |
| | 10480 (Av) | | 43.78 | 54.00 | -10.22 |
| | 15720 (Pk) | | 54.71 | 68.23 | -13.52 |
| | 15720 (Av) | | 41.72 | 54.00 | -12.28 |
| | 5240 (Pk) | Horizontal | 121.95 | - | - |
| | 5240 (Av) | | 109.32 | - | - |
| | 5350 (Pk) | | 52.65 | 74.00* | -21.35 |
| | 5350 (Av) | | 39.92 | 54.00* | -14.08 |
| | 10480 (Pk) | | 57.38 | 68.23 | -10.85 |
| | 10480 (Av) | | 42.37 | 54.00 | -11.63 |
| | 15720 (Pk) | | 54.07 | 68.23 | -14.16 |
| | 15720 (Av) | | 41.74 | 54.00 | -12.26 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 123.46 | - | - |
| | 5745 (Av) | | 110.29 | - | - |
| | 5725(Pk) | | 91.28 | 122.20* | -30.92 |
| | 5720(Pk) | | 84.61 | 110.80* | -26.19 |
| | 5700(Pk) | | 68.16 | 105.20* | -37.04 |
| | 5650(Pk) | | 52.39 | 68.20* | -15.81 |
| | 11490 (Pk) | | 55.24 | 68.23 | -12.99 |
| | 11490 (Av) | | 42.76 | 54.00 | -11.24 |
| | 17235 (Pk) | | 56.68 | 68.23 | -11.55 |
| | 17235 (Av) | | 44.78 | 54.00 | -9.22 |
| | 5745 (Pk) | Horizontal | 124.85 | - | - |
| | 5745 (Av) | | 111.79 | - | - |
| | 5725(Pk) | | 98.39 | 122.20* | -23.81 |
| | 5720(Pk) | | 95.29 | 110.80* | -15.51 |
| | 5700(Pk) | | 70.61 | 105.20* | -34.59 |
| | 5650(Pk) | | 56.55 | 68.20* | -11.65 |
| | 11490 (Pk) | | 54.82 | 68.23 | -13.41 |
| | 11490 (Av) | | 42.74 | 54.00 | -11.26 |
| | 17235 (Pk) | | 56.98 | 68.23 | -11.25 |
| | 17235 (Av) | | 44.69 | 54.00 | -9.31 |
| 5785 | 5785 (Pk) | Vertical | 123.64 | - | - |
| | 5785 (Av) | | 110.34 | - | - |
| | 5725(Pk) | | 58.25 | 122.20* | -63.95 |
| | 5720(Pk) | | 53.91 | 110.80* | -56.89 |
| | 5700(Pk) | | 51.76 | 105.20* | -53.44 |
| | 5650(Pk) | | 52.42 | 68.20* | -15.78 |
| | 11570 (Pk) | | 53.90 | 68.23 | -14.33 |
| | 11570 (Av) | | 42.17 | 54.00 | -11.83 |
| | 17355 (Pk) | | 57.14 | 68.23 | -11.09 |
| | 17355 (Av) | | 45.19 | 54.00 | -8.81 |
| | 5785 (Pk) | Horizontal | 125.81 | - | - |
| | 5785 (Av) | | 112.94 | - | - |
| | 5725(Pk) | | 67.96 | 122.20* | -54.24 |
| | 5720(Pk) | | 65.31 | 110.80* | -45.49 |
| | 5700(Pk) | | 55.29 | 105.20* | -49.91 |
| | 5650(Pk) | | 50.40 | 68.20* | -17.80 |
| | 11570 (Pk) | | 54.14 | 68.23 | -14.09 |
| | 11570 (Av) | | 42.15 | 54.00 | -11.85 |
| | 17355 (Pk) | | 57.45 | 68.23 | -10.78 |
| | 17355 (Av) | | 45.24 | 54.00 | -8.76 |
| 5825 | 5825 (Pk) | Vertical | 124.31 | - | - |
| | 5825 (Av) | | 111.04 | - | - |
| | 5850 (Pk) | | 87.69 | 122.20* | -34.51 |
| | 5855(Pk) | | 75.51 | 110.80* | -35.29 |
| | 5875(Pk) | | 69.77 | 105.20* | -35.43 |
| | 5925 (Pk) | | 56.74 | 68.20* | -11.46 |
| | 11650 (Pk) | | 54.27 | 68.23 | -13.96 |
| | 11650 (Av) | | 41.74 | 54.00 | -12.26 |
| | 17475 (Pk) | | 58.98 | 68.23 | -9.25 |
| | 17475 (Av) | | 46.59 | 54.00 | -7.41 |
| | 5825 (Pk) | Horizontal | 125.61 | - | - |
| | 5825 (Av) | | 112.72 | - | - |
| | 5850 (Pk) | | 96.65 | 122.20* | -25.55 |
| | 5855(Pk) | | 83.63 | 110.80* | -27.17 |
| | 5875(Pk) | | 72.31 | 105.20* | -32.89 |
| | 5925 (Pk) | | 58.07 | 68.20* | -10.13 |
| | 11650 (Pk) | | 53.38 | 68.23 | -14.85 |
| | 11650 (Av) | | 41.74 | 54.00 | -12.26 |
| | 17475 (Pk) | | 58.97 | 68.23 | -9.26 |
| | 17475 (Pk) | | 45.59 | 54.00 | -8.41 |

**Channel Bandwidth: 40MHz**

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 109.79 | - | - |
| | 5190 (Av) | | 98.32 | - | - |
| | 5150 (Pk) | | 61.85 | 74.00* | -12.15 |
| | 5150 (Av) | | 45.25 | 54.00* | -8.75 |
| | 10380 (Pk) | | 52.41 | 68.23 | -15.82 |
| | 10380 (Av) | | 40.06 | 54.00 | -13.94 |
| | 15570 (Pk) | | 54.87 | 68.23 | -13.36 |
| | 15570 (Av) | | 41.90 | 54.00 | -12.10 |
| | 5190 (Pk) | Horizontal | 113.32 | - | - |
| | 5190 (Av) | | 101.45 | - | - |
| | 5150 (Pk) | | 67.40 | 74.00* | -6.60 |
| | 5150 (Av) | | 50.67 | 54.00* | -3.33 |
| | 10380 (Pk) | | 53.42 | 68.23 | -14.81 |
| | 10380 (Av) | | 40.16 | 54.00 | -13.84 |
| | 15570 (Pk) | | 54.01 | 68.23 | -14.22 |
| | 15570 (Av) | | 41.78 | 54.00 | -12.22 |
| 5230 | 5230 (Pk) | Vertical | 117.80 | - | - |
| | 5230 (Av) | | 106.93 | - | - |
| | 5350 (Pk) | | 55.06 | 74.00* | -18.94 |
| | 5350 (Av) | | 40.07 | 54.00* | -13.93 |
| | 10460 (Pk) | | 53.62 | 68.23 | -14.61 |
| | 10460 (Av) | | 40.78 | 54.00 | -13.22 |
| | 15690 (Pk) | | 54.21 | 68.23 | -14.02 |
| | 15690 (Av) | | 41.50 | 54.00 | -12.50 |
| | 5230 (Pk) | Horizontal | 116.03 | - | - |
| | 5230 (Av) | | 105.76 | - | - |
| | 5350 (Pk) | | 54.04 | 74.00* | -19.96 |
| | 5350 (Av) | | 40.07 | 54.00* | -13.93 |
| | 10460 (Pk) | | 52.89 | 68.23 | -15.34 |
| | 10460 (Av) | | 40.92 | 54.00 | -13.08 |
| | 15690 (Pk) | | 53.07 | 68.23 | -15.16 |
| | 15690 (Av) | | 41.48 | 54.00 | -12.52 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 117.45 | - | - |
| | 5755 (Av) | | 106.23 | - | - |
| | 5725(Pk) | | 89.15 | 122.20* | -33.05 |
| | 5720(Pk) | | 87.94 | 110.80* | -22.86 |
| | 5700(Pk) | | 67.09 | 105.20* | -38.11 |
| | 5650(Pk) | | 56.57 | 68.20* | -11.63 |
| | 11510 (Pk) | | 57.60 | 68.23 | -10.63 |
| | 11510 (Av) | | 44.84 | 54.00 | -9.16 |
| | 17265 (Pk) | | 56.35 | 68.23 | -11.88 |
| | 17265 (Av) | | 45.01 | 54.00 | -8.99 |
| | 5755 (Pk) | Horizontal | 116.39 | - | - |
| | 5755 (Av) | | 106.24 | - | - |
| | 5725(Pk) | | 86.90 | 122.20* | -35.30 |
| | 5720(Pk) | | 85.59 | 110.80* | -25.21 |
| | 5700(Pk) | | 66.34 | 105.20* | -38.86 |
| | 5650(Pk) | | 53.05 | 68.20* | -15.15 |
| | 11510 (Pk) | | 58.57 | 68.23 | -9.66 |
| | 11510 (Av) | | 45.00 | 54.00 | -9.00 |
| | 17265 (Pk) | | 57.69 | 68.23 | -10.54 |
| | 17265 (Av) | | 44.94 | 54.00 | -9.06 |
| 5795 | 5795 (Pk) | Vertical | 117.84 | - | - |
| | 5795 (Av) | | 106.94 | - | - |
| | 5850 (Pk) | | 68.92 | 122.20* | -53.28 |
| | 5855(Pk) | | 68.30 | 110.80* | -42.50 |
| | 5875(Pk) | | 63.27 | 105.20* | -41.93 |
| | 5925 (Pk) | | 52.91 | 68.20* | -15.29 |
| | 11590 (Pk) | | 58.19 | 68.23 | -10.04 |
| | 11590 (Av) | | 44.35 | 54.00 | -9.65 |
| | 17385 (Pk) | | 58.33 | 68.23 | -9.90 |
| | 17385 (Pk) | | 45.12 | 54.00 | -8.88 |
| | 5795 (Pk) | Horizontal | 116.06 | - | - |
| | 5795 (Av) | | 105.80 | - | - |
| | 5850 (Pk) | | 66.25 | 122.20* | -55.95 |
| | 5855(Pk) | | 65.32 | 110.80* | -45.48 |
| | 5875(Pk) | | 58.85 | 105.20* | -46.35 |
| | 5925 (Pk) | | 52.27 | 68.20* | -15.93 |
| | 11590 (Pk) | | 56.95 | 68.23 | -11.28 |
| | 11590 (Av) | | 43.94 | 54.00 | -10.06 |
| | 17385 (Pk) | | 57.25 | 68.23 | -10.98 |
| | 17385 (Pk) | | 45.12 | 54.00 | -8.88 |

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 109.89 | - | - |
| | 5190 (Av) | | 98.93 | - | - |
| | 5150 (Pk) | | 61.86 | 74.00* | -12.14 |
| | 5150 (Av) | | 45.78 | 54.00* | -8.22 |
| | 10380 (Pk) | | 52.48 | 68.23 | -15.75 |
| | 10380 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15570 (Pk) | | 54.99 | 68.23 | -13.24 |
| | 15570 (Av) | | 42.27 | 54.00 | -11.73 |
| | 5190 (Pk) | Horizontal | 112.92 | - | - |
| | 5190 (Av) | | 101.93 | - | - |
| | 5150 (Pk) | | 68.47 | 74.00* | -5.53 |
| | 5150 (Av) | | 51.26 | 54.00* | -2.74 |
| | 10380 (Pk) | | 51.76 | 68.23 | -16.47 |
| | 10380 (Av) | | 40.11 | 54.00 | -13.89 |
| | 15570 (Pk) | | 54.81 | 68.23 | -13.42 |
| | 15570 (Av) | | 42.26 | 54.00 | -11.74 |
| 5230 | 5230 (Pk) | Vertical | 117.80 | - | - |
| | 5230 (Av) | | 106.86 | - | - |
| | 5350 (Pk) | | 55.67 | 74.00* | -18.33 |
| | 5350 (Av) | | 40.10 | 54.00* | -13.90 |
| | 10460 (Pk) | | 53.18 | 68.23 | -15.05 |
| | 10460 (Av) | | 40.79 | 54.00 | -13.21 |
| | 15690 (Pk) | | 53.61 | 68.23 | -14.62 |
| | 15690 (Av) | | 41.50 | 54.00 | -12.50 |
| | 5230 (Pk) | Horizontal | 116.84 | - | - |
| | 5230 (Av) | | 105.86 | - | - |
| | 5350 (Pk) | | 52.60 | 74.00* | -21.40 |
| | 5350 (Av) | | 40.06 | 54.00* | -13.94 |
| | 10460 (Pk) | | 53.52 | 68.23 | -14.71 |
| | 10460 (Av) | | 40.92 | 54.00 | -13.08 |
| | 15690 (Pk) | | 53.36 | 68.23 | -14.87 |
| | 15690 (Av) | | 41.50 | 54.00 | -12.50 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 117.03 | - | - |
| | 5755 (Av) | | 105.82 | - | - |
| | 5725(Pk) | | 88.18 | 122.20* | -34.02 |
| | 5720(Pk) | | 86.57 | 110.80* | -24.23 |
| | 5700(Pk) | | 67.19 | 105.20* | -38.01 |
| | 5650(Pk) | | 56.39 | 68.20* | -11.81 |
| | 11510 (Pk) | | 57.16 | 68.23 | -11.07 |
| | 11510 (Av) | | 44.31 | 54.00 | -9.69 |
| | 17265 (Pk) | | 56.67 | 68.23 | -11.56 |
| | 17265 (Av) | | 44.99 | 54.00 | -9.01 |
| | 5755 (Pk) | Horizontal | 115.74 | - | - |
| | 5755 (Av) | | 105.64 | - | - |
| | 5725(Pk) | | 84.93 | 122.20* | -37.27 |
| | 5720(Pk) | | 82.45 | 110.80* | -28.35 |
| | 5700(Pk) | | 64.50 | 105.20* | -40.70 |
| | 5650(Pk) | | 50.81 | 68.20* | -17.39 |
| | 11510 (Pk) | | 54.43 | 68.23 | -13.80 |
| | 11510 (Av) | | 42.60 | 54.00 | -11.40 |
| | 17265 (Pk) | | 57.01 | 68.23 | -11.22 |
| | 17265 (Av) | | 45.00 | 54.00 | -9.00 |
| 5795 | 5795 (Pk) | Vertical | 117.20 | - | - |
| | 5795 (Av) | | 106.37 | - | - |
| | 5850 (Pk) | | 68.31 | 122.20* | -53.89 |
| | 5855(Pk) | | 67.21 | 110.80* | -43.59 |
| | 5875(Pk) | | 62.78 | 105.20* | -42.42 |
| | 5925 (Pk) | | 54.05 | 68.20* | -14.15 |
| | 11590 (Pk) | | 57.43 | 68.23 | -10.80 |
| | 11590 (Av) | | 43.96 | 54.00 | -10.04 |
| | 17385 (Pk) | | 57.18 | 68.23 | -11.05 |
| | 17385 (Pk) | | 45.13 | 54.00 | -8.87 |
| | 5795 (Pk) | Horizontal | 115.45 | - | - |
| | 5795 (Av) | | 105.35 | - | - |
| | 5850 (Pk) | | 64.59 | 122.20* | -57.61 |
| | 5855(Pk) | | 63.58 | 110.80* | -47.22 |
| | 5875(Pk) | | 56.46 | 105.20* | -48.74 |
| | 5925 (Pk) | | 51.80 | 68.20* | -16.40 |
| | 11590 (Pk) | | 55.45 | 68.23 | -12.78 |
| | 11590 (Av) | | 43.44 | 54.00 | -10.56 |
| | 17385 (Pk) | | 56.93 | 68.23 | -11.30 |
| | 17385 (Pk) | | 45.15 | 54.00 | -8.85 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 111.33 | - | - |
| | 5190 (Av) | | 98.49 | - | - |
| | 5150 (Pk) | | 61.49 | 74.00* | -12.51 |
| | 5150 (Av) | | 46.03 | 54.00* | -7.97 |
| | 10380 (Pk) | | 51.67 | 68.23 | -16.56 |
| | 10380 (Av) | | 40.10 | 54.00 | -13.90 |
| | 15570 (Pk) | | 54.24 | 68.23 | -13.99 |
| | 15570 (Av) | | 41.84 | 54.00 | -12.16 |
| | 5190 (Pk) | Horizontal | 115.11 | - | - |
| | 5190 (Av) | | 101.79 | - | - |
| | 5150 (Pk) | | 67.44 | 74.00* | -6.56 |
| | 5150 (Av) | | 51.75 | 54.00* | -2.25 |
| | 10380 (Pk) | | 52.05 | 68.23 | -16.18 |
| | 10380 (Av) | | 40.13 | 54.00 | -13.87 |
| | 15570 (Pk) | | 54.03 | 68.23 | -14.20 |
| | 15570 (Av) | | 41.83 | 54.00 | -12.17 |
| 5230 | 5230 (Pk) | Vertical | 119.95 | - | - |
| | 5230 (Av) | | 106.63 | - | - |
| | 5350 (Pk) | | 54.15 | 74.00* | -19.85 |
| | 5350 (Av) | | 40.09 | 54.00* | -13.91 |
| | 10460 (Pk) | | 53.24 | 68.23 | -14.99 |
| | 10460 (Av) | | 40.80 | 54.00 | -13.20 |
| | 15690 (Pk) | | 54.71 | 68.23 | -13.52 |
| | 15690 (Av) | | 41.48 | 54.00 | -12.52 |
| | 5230 (Pk) | Horizontal | 119.03 | - | - |
| | 5230 (Av) | | 105.49 | - | - |
| | 5350 (Pk) | | 53.56 | 74.00* | -20.44 |
| | 5350 (Av) | | 40.31 | 54.00* | -13.69 |
| | 10460 (Pk) | | 52.72 | 68.23 | -15.51 |
| | 10460 (Av) | | 41.00 | 54.00 | -13.00 |
| | 15690 (Pk) | | 53.46 | 68.23 | -14.77 |
| | 15690 (Av) | | 41.46 | 54.00 | -12.54 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 118.70 | - | - |
| | 5755 (Av) | | 105.24 | - | - |
| | 5725(Pk) | | 85.90 | 122.20* | -36.30 |
| | 5720(Pk) | | 85.03 | 110.80* | -25.77 |
| | 5700(Pk) | | 66.58 | 105.20* | -38.62 |
| | 5650(Pk) | | 55.62 | 68.20* | -12.58 |
| | 11510 (Pk) | | 57.80 | 68.23 | -10.43 |
| | 11510 (Av) | | 43.78 | 54.00 | -10.22 |
| | 17265 (Pk) | | 56.89 | 68.23 | -11.34 |
| | 17265 (Av) | | 44.98 | 54.00 | -9.02 |
| | 5755 (Pk) | Horizontal | 118.78 | - | - |
| | 5755 (Av) | | 105.00 | - | - |
| | 5725(Pk) | | 83.09 | 122.20* | -39.11 |
| | 5720(Pk) | | 80.10 | 110.80* | -30.70 |
| | 5700(Pk) | | 65.31 | 105.20* | -39.89 |
| | 5650(Pk) | | 50.88 | 68.20* | -17.32 |
| | 11510 (Pk) | | 56.65 | 68.23 | -11.58 |
| | 11510 (Av) | | 43.62 | 54.00 | -10.38 |
| | 17265 (Pk) | | 56.95 | 68.23 | -11.28 |
| | 17265 (Av) | | 44.81 | 54.00 | -9.19 |
| 5795 | 5795 (Pk) | Vertical | 118.91 | - | - |
| | 5795 (Av) | | 105.54 | - | - |
| | 5850 (Pk) | | 67.28 | 122.20* | -54.92 |
| | 5855(Pk) | | 65.30 | 110.80* | -45.50 |
| | 5875(Pk) | | 59.28 | 105.20* | -45.92 |
| | 5925 (Pk) | | 53.19 | 68.20* | -15.01 |
| | 11590 (Pk) | | 54.18 | 68.23 | -14.05 |
| | 11590 (Av) | | 42.16 | 54.00 | -11.84 |
| | 17385 (Pk) | | 57.60 | 68.23 | -10.63 |
| | 17385 (Pk) | | 45.14 | 54.00 | -8.86 |
| | 5795 (Pk) | Horizontal | 118.45 | - | - |
| | 5795 (Av) | | 105.66 | - | - |
| | 5850 (Pk) | | 67.63 | 122.20* | -54.57 |
| | 5855(Pk) | | 66.01 | 110.80* | -44.79 |
| | 5875(Pk) | | 58.22 | 105.20* | -46.98 |
| | 5925 (Pk) | | 53.51 | 68.20* | -14.69 |
| | 11590 (Pk) | | 54.34 | 68.23 | -13.89 |
| | 11590 (Av) | | 42.16 | 54.00 | -11.84 |
| | 17385 (Pk) | | 56.88 | 68.23 | -11.35 |
| | 17385 (Pk) | | 45.18 | 54.00 | -8.82 |

**Channel Bandwidth: 80MHz**

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 106.57 | - | - |
| | 5210 (Av) | | 95.68 | - | - |
| | 5150 (Pk) | | 60.23 | 74.00* | -13.77 |
| | 5150 (Av) | | 46.28 | 54.00* | -7.72 |
| | 10420 (Pk) | | 52.10 | 68.23 | -16.13 |
| | 10420 (Av) | | 40.65 | 54.00 | -13.35 |
| | 15630 (Pk) | | 53.91 | 68.23 | -14.32 |
| | 15630 (Av) | | 41.76 | 54.00 | -12.24 |
| | 5210 (Pk) | Horizontal | 109.38 | - | - |
| | 5210 (Av) | | 98.32 | - | - |
| | 5150 (Pk) | | 65.92 | 74.00* | -8.08 |
| | 5150 (Av) | | 52.08 | 54.00* | -1.92 |
| | 10420 (Pk) | | 53.27 | 68.23 | -14.96 |
| | 10420 (Av) | | 40.47 | 54.00 | -13.53 |
| | 15630 (Pk) | | 55.26 | 68.23 | -12.97 |
| | 15630 (Av) | | 41.77 | 54.00 | -12.23 |
| 5775 | 5775 (Pk) | Vertical | 110.54 | - | - |
| | 5775 (Pk) | | 99.51 | - | - |
| | 5850 (Pk) | | 59.55 | 122.20* | -62.65 |
| | 5855 (Pk) | | 57.75 | 110.80* | -53.05 |
| | 5875 (Pk) | | 53.16 | 105.20* | -52.04 |
| | 5925 (Pk) | | 48.89 | 68.20* | -19.31 |
| | 11550 (Pk) | | 54.84 | 68.23 | -13.39 |
| | 11550 (Av) | | 42.68 | 54.00 | -11.32 |
| | 17325 (Pk) | | 56.79 | 68.23 | -11.44 |
| | 17325 (Av) | | 44.87 | 54.00 | -9.13 |
| | 5775 (Pk) | Horizontal | 108.19 | - | - |
| | 5775 (Pk) | | 97.83 | - | - |
| | 5850 (Pk) | | 56.05 | 122.20* | -66.15 |
| | 5855 (Pk) | | 53.76 | 110.80* | -57.04 |
| | 5875 (Pk) | | 50.67 | 105.20* | -54.53 |
| | 5925 (Pk) | | 48.48 | 68.20* | -19.72 |
| | 11550 (Av) | | 54.02 | 68.23 | -14.21 |
| | 11550 (Pk) | | 42.54 | 54.00 | -11.46 |
| | 17325 (Pk) | | 56.92 | 68.23 | -11.31 |
| | 17325 (Av) | | 44.87 | 54.00 | -9.13 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 109.27 | - | - |
| | 5210 (Av) | | 95.70 | - | - |
| | 5150 (Pk) | | 60.57 | 74.00* | -13.43 |
| | 5150 (Av) | | 46.86 | 54.00* | -7.14 |
| | 10420 (Pk) | | 52.88 | 68.23 | -15.35 |
| | 10420 (Av) | | 40.59 | 54.00 | -13.41 |
| | 15630 (Pk) | | 53.94 | 68.23 | -14.29 |
| | 15630 (Av) | | 41.80 | 54.00 | -12.20 |
| | 5210 (Pk) | Horizontal | 111.73 | - | - |
| | 5210 (Av) | | 98.39 | - | - |
| | 5150 (Pk) | | 66.86 | 74.00* | -7.14 |
| | 5150 (Av) | | 53.03 | 54.00* | -0.97 |
| | 10420 (Pk) | | 53.09 | 68.23 | -15.14 |
| | 10420 (Av) | | 40.51 | 54.00 | -13.49 |
| | 15630 (Pk) | | 53.34 | 68.23 | -14.89 |
| | 15630 (Av) | | 41.80 | 54.00 | -12.20 |
| 5775 | 5775 (Pk) | Vertical | 113.61 | - | - |
| | 5775 (Pk) | | 100.00 | - | - |
| | 5850 (Pk) | | 65.86 | 122.20* | -56.34 |
| | 5855 (Pk) | | 64.35 | 110.80* | -46.45 |
| | 5875 (Pk) | | 57.26 | 105.20* | -47.94 |
| | 5925 (Pk) | | 50.00 | 68.20* | -18.20 |
| | 11550 (Pk) | | 55.03 | 68.23 | -13.20 |
| | 11550 (Av) | | 42.74 | 54.00 | -11.26 |
| | 17325 (Pk) | | 56.61 | 68.23 | -11.62 |
| | 17325 (Av) | | 44.82 | 54.00 | -9.18 |
| | 5775 (Pk) | Horizontal | 113.82 | - | - |
| | 5775 (Pk) | | 100.03 | - | - |
| | 5850 (Pk) | | 66.86 | 122.20* | -55.34 |
| | 5855 (Pk) | | 64.69 | 110.80* | -46.11 |
| | 5875 (Pk) | | 58.77 | 105.20* | -46.43 |
| | 5925 (Pk) | | 49.17 | 68.20* | -19.03 |
| | 11550 (Av) | | 55.31 | 68.23 | -12.92 |
| | 11550 (Pk) | | 43.11 | 54.00 | -10.89 |
| | 17325 (Pk) | | 57.66 | 68.23 | -10.57 |
| | 17325 (Av) | | 45.13 | 54.00 | -8.87 |

**Antenna Type & Antenna Gain: 35dBi**

**Channel Bandwidth: 20MHz**

**Modulation: 802.11a**

**Data Rate: 6Mbps**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 106.46 | - | - |
| | 5180 (Av) | | 97.34 | - | - |
| | 5150 (Pk) | | 45.80 | 74.00* | -28.20 |
| | 5150 (Av) | | 33.70 | 54.00* | -20.30 |
| | 10360 (Pk) | | 51.99 | 68.23 | -16.24 |
| | 10360 (Av) | | 39.50 | 54.00 | -14.50 |
| | 15540 (Pk) | | 55.26 | 68.23 | -12.97 |
| | 15540 (Av) | | 42.76 | 54.00 | -11.24 |
| | 5180 (Pk) | Horizontal | 107.75 | - | - |
| | 5180 (Av) | | 98.43 | - | - |
| | 5150 (Pk) | | 46.47 | 74.00* | -27.53 |
| | 5150 (Av) | | 34.33 | 54.00* | -19.67 |
| | 10360 (Pk) | | 51.39 | 68.23 | -16.84 |
| | 10360 (Av) | | 39.38 | 54.00 | -14.62 |
| | 15540 (Pk) | | 54.51 | 68.23 | -13.72 |
| | 15540 (Av) | | 42.67 | 54.00 | -11.33 |
| 5200 | 5200 (Pk) | Vertical | 105.88 | - | - |
| | 5200 (Av) | | 96.76 | | - |
| | 5150 (Pk) | | 46.85 | 74.00* | -27.15 |
| | 5150 (Av) | | 33.16 | 54.00* | -20.84 |
| | 10400 (Pk) | | 52.46 | 68.23 | -15.77 |
| | 10400 (Av) | | 39.64 | 54.00 | -14.36 |
| | 15600 (Pk) | | 53.71 | 68.23 | -14.52 |
| | 15600 (Av) | | 42.32 | 54.00 | -11.68 |
| | 5200 (Pk) | Horizontal | 108.08 | - | - |
| | 5200 (Av) | | 97.91 | - | - |
| | 5150 (Pk) | | 46.47 | 74.00* | -27.53 |
| | 5150 (Av) | | 34.06 | 54.00* | -19.94 |
| | 10400 (Pk) | | 51.54 | 68.23 | -16.69 |
| | 10400 (Av) | | 39.63 | 54.00 | -14.37 |
| | 15600 (Pk) | | 54.51 | 68.23 | -13.72 |
| | 15600 (Av) | | 42.32 | 54.00 | -11.68 |
| 5240 | 5240 (Pk) | Vertical | 104.80 | - | - |
| | 5240 (Av) | | 95.50 | - | - |
| | 5350 (Pk) | | 44.11 | 74.00* | -29.89 |
| | 5350 (Av) | | 32.01 | 54.00* | -21.99 |
| | 10480 (Pk) | | 52.02 | 68.23 | -16.21 |
| | 10480 (Av) | | 40.08 | 54.00 | -13.92 |
| | 15720 (Pk) | | 54.39 | 68.23 | -13.84 |
| | 15720 (Av) | | 41.92 | 54.00 | -12.08 |
| | 5240 (Pk) | Horizontal | 107.61 | - | - |
| | 5240 (Av) | | 98.28 | - | - |
| | 5350 (Pk) | | 45.13 | 74.00* | -28.87 |
| | 5350 (Av) | | 32.96 | 54.00* | -21.04 |
| | 10480 (Pk) | | 52.44 | 68.23 | -15.79 |
| | 10480 (Av) | | 40.02 | 54.00 | -13.98 |
| | 15720 (Pk) | | 54.26 | 68.23 | -13.97 |
| | 15720 (Av) | | 41.91 | 54.00 | -12.09 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 115.87 | - | - |
| | 5745 (Av) | | 106.43 | - | - |
| | 5725(Pk) | | 63.23 | 122.20* | -58.97 |
| | 5720(Pk) | | 58.93 | 110.80* | -51.87 |
| | 5700(Pk) | | 49.36 | 105.20* | -55.84 |
| | 5650(Pk) | | 52.18 | 68.20* | -16.02 |
| | 11490 (Pk) | | 53.44 | 68.23 | -14.79 |
| | 11490 (Av) | | 41.24 | 54.00 | -12.76 |
| | 17235 (Pk) | | 58.94 | 68.23 | -9.29 |
| | 17235 (Av) | | 46.50 | 54.00 | -7.50 |
| | 5745 (Pk) | Horizontal | 120.41 | - | - |
| | 5745 (Av) | | 110.60 | - | - |
| | 5725(Pk) | | 82.14 | 122.20* | -40.06 |
| | 5720(Pk) | | 71.59 | 110.80* | -39.21 |
| | 5700(Pk) | | 59.40 | 105.20* | -45.80 |
| | 5650(Pk) | | 56.14 | 68.20* | -12.06 |
| | 11490 (Pk) | | 53.06 | 68.23 | -15.17 |
| | 11490 (Av) | | 41.21 | 54.00 | -12.79 |
| | 17235 (Pk) | | 59.62 | 68.23 | -8.61 |
| | 17235 (Av) | | 46.47 | 54.00 | -7.53 |
| 5785 | 5785 (Pk) | Vertical | 118.30 | - | - |
| | 5785 (Av) | | 108.58 | - | - |
| | 5725(Pk) | | 55.67 | 122.20* | -66.53 |
| | 5720(Pk) | | 49.07 | 110.80* | -61.73 |
| | 5700(Pk) | | 47.30 | 105.20* | -57.90 |
| | 5650(Pk) | | 48.31 | 68.20* | -19.89 |
| | 11570 (Pk) | | 53.35 | 68.23 | -14.88 |
| | 11570 (Av) | | 40.66 | 54.00 | -13.34 |
| | 17355 (Pk) | | 58.67 | 68.23 | -9.56 |
| | 17355 (Av) | | 46.91 | 54.00 | -7.09 |
| | 5785 (Pk) | Horizontal | 119.21 | - | - |
| | 5785 (Av) | | 108.47 | - | - |
| | 5725(Pk) | | 55.87 | 122.20* | -66.33 |
| | 5720(Pk) | | 49.94 | 110.80* | -60.86 |
| | 5700(Pk) | | 48.83 | 105.20* | -56.37 |
| | 5650(Pk) | | 48.69 | 68.20* | -19.51 |
| | 11570 (Pk) | | 52.65 | 68.23 | -15.58 |
| | 11570 (Av) | | 40.60 | 54.00 | -13.40 |
| | 17355 (Pk) | | 59.83 | 68.23 | -8.40 |
| | 17355 (Av) | | 46.86 | 54.00 | -7.14 |
| 5825 | 5825 (Pk) | Vertical | 119.32 | - | - |
| | 5825 (Av) | | 109.76 | - | - |
| | 5850 (Pk) | | 71.29 | 122.20* | -50.91 |
| | 5855(Pk) | | 65.76 | 110.80* | -45.04 |
| | 5875(Pk) | | 54.02 | 105.20* | -51.18 |
| | 5925 (Pk) | | 53.51 | 68.20* | -14.69 |
| | 11650 (Pk) | | 51.81 | 68.23 | -16.42 |
| | 11650 (Av) | | 40.21 | 54.00 | -13.79 |
| | 17475 (Pk) | | 59.19 | 68.23 | -9.04 |
| | 17475 (Av) | | 47.60 | 54.00 | -6.40 |
| | 5825 (Pk) | Horizontal | 120.88 | - | - |
| | 5825 (Av) | | 110.58 | - | - |
| | 5850 (Pk) | | 71.99 | 122.20* | -50.21 |
| | 5855(Pk) | | 70.47 | 110.80* | -40.33 |
| | 5875(Pk) | | 65.34 | 105.20* | -39.86 |
| | 5925 (Pk) | | 53.84 | 68.20* | -14.36 |
| | 11650 (Pk) | | 52.05 | 68.23 | -16.18 |
| | 11650 (Av) | | 40.22 | 54.00 | -13.78 |
| | 17475 (Pk) | | 59.76 | 68.23 | -8.47 |
| | 17475 (Pk) | | 47.58 | 54.00 | -6.42 |

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 106.69 | - | - |
| | 5180 (Av) | | 96.48 | - | - |
| | 5150 (Pk) | | 47.42 | 74.00* | -26.58 |
| | 5150 (Av) | | 34.13 | 54.00* | -19.87 |
| | 10360 (Pk) | | 52.09 | 68.23 | -16.14 |
| | 10360 (Av) | | 39.41 | 54.00 | -14.59 |
| | 15540 (Pk) | | 54.61 | 68.23 | -13.62 |
| | 15540 (Av) | | 42.62 | 54.00 | -11.38 |
| | 5180 (Pk) | Horizontal | 108.19 | - | - |
| | 5180 (Av) | | 97.34 | - | - |
| | 5150 (Pk) | | 45.91 | 74.00* | -28.09 |
| | 5150 (Av) | | 33.79 | 54.00* | -20.21 |
| | 10360 (Pk) | | 51.27 | 68.23 | -16.96 |
| | 10360 (Av) | | 39.43 | 54.00 | -14.57 |
| | 15540 (Pk) | | 54.78 | 68.23 | -13.45 |
| | 15540 (Av) | | 42.63 | 54.00 | -11.37 |
| 5200 | 5200 (Pk) | Vertical | 106.18 | - | - |
| | 5200 (Av) | | 95.93 | - | - |
| | 5150 (Pk) | | 46.09 | 74.00* | -27.91 |
| | 5150 (Av) | | 33.82 | 54.00* | -20.18 |
| | 10400 (Pk) | | 52.22 | 68.23 | -16.01 |
| | 10400 (Av) | | 39.68 | 54.00 | -14.32 |
| | 15600 (Pk) | | 55.26 | 68.23 | -12.97 |
| | 15600 (Av) | | 42.25 | 54.00 | -11.75 |
| | 5200 (Pk) | Horizontal | 108.04 | - | - |
| | 5200 (Av) | | 98.84 | - | - |
| | 5150 (Pk) | | 46.54 | 74.00* | -27.46 |
| | 5150 (Av) | | 33.85 | 54.00* | -20.15 |
| | 10400 (Pk) | | 51.66 | 68.23 | -16.57 |
| | 10400 (Av) | | 39.64 | 54.00 | -14.36 |
| | 15600 (Pk) | | 54.06 | 68.23 | -14.17 |
| | 15600 (Av) | | 42.21 | 54.00 | -11.79 |
| 5240 | 5240 (Pk) | Vertical | 105.04 | - | - |
| | 5240 (Av) | | 94.71 | - | - |
| | 5350 (Pk) | | 44.01 | 74.00* | -29.99 |
| | 5350 (Av) | | 31.95 | 54.00* | -22.05 |
| | 10480 (Pk) | | 52.53 | 68.23 | -15.70 |
| | 10480 (Av) | | 40.07 | 54.00 | -13.93 |
| | 15720 (Pk) | | 53.71 | 68.23 | -14.52 |
| | 15720 (Av) | | 41.91 | 54.00 | -12.09 |
| | 5240 (Pk) | Horizontal | 108.56 | - | - |
| | 5240 (Av) | | 97.63 | - | - |
| | 5350 (Pk) | | 45.68 | 74.00* | -28.32 |
| | 5350 (Av) | | 33.61 | 54.00* | -20.39 |
| | 10480 (Pk) | | 52.45 | 68.23 | -15.78 |
| | 10480 (Av) | | 40.04 | 54.00 | -13.96 |
| | 15720 (Pk) | | 54.45 | 68.23 | -13.78 |
| | 15720 (Av) | | 41.92 | 54.00 | -12.08 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 118.11 | - | - |
| | 5745 (Av) | | 107.47 | - | - |
| | 5725(Pk) | | 69.29 | 122.20* | -52.91 |
| | 5720(Pk) | | 62.59 | 110.80* | -48.21 |
| | 5700(Pk) | | 50.23 | 105.20* | -54.97 |
| | 5650(Pk) | | 52.06 | 68.20* | -16.14 |
| | 11490 (Pk) | | 53.09 | 68.23 | -15.14 |
| | 11490 (Av) | | 41.22 | 54.00 | -12.78 |
| | 17235 (Pk) | | 59.04 | 68.23 | -9.19 |
| | 17235 (Av) | | 46.44 | 54.00 | -7.56 |
| | 5745 (Pk) | Horizontal | 118.13 | - | - |
| | 5745 (Av) | | 107.06 | - | - |
| | 5725(Pk) | | 74.56 | 122.20* | -47.64 |
| | 5720(Pk) | | 71.33 | 110.80* | -39.47 |
| | 5700(Pk) | | 53.17 | 105.20* | -52.03 |
| | 5650(Pk) | | 55.29 | 68.20* | -12.91 |
| | 11490 (Pk) | | 53.12 | 68.23 | -15.11 |
| | 11490 (Av) | | 41.17 | 54.00 | -12.83 |
| | 17235 (Pk) | | 58.34 | 68.23 | -9.89 |
| | 17235 (Av) | | 46.39 | 54.00 | -7.61 |
| 5785 | 5785 (Pk) | Vertical | 119.51 | - | - |
| | 5785 (Av) | | 108.44 | - | - |
| | 5725(Pk) | | 55.63 | 122.20* | -66.57 |
| | 5720(Pk) | | 49.58 | 110.80* | -61.22 |
| | 5700(Pk) | | 47.08 | 105.20* | -58.12 |
| | 5650(Pk) | | 48.58 | 68.20* | -19.62 |
| | 11570 (Pk) | | 52.80 | 68.23 | -15.43 |
| | 11570 (Av) | | 40.62 | 54.00 | -13.38 |
| | 17355 (Pk) | | 59.05 | 68.23 | -9.18 |
| | 17355 (Av) | | 46.90 | 54.00 | -7.10 |
| | 5785 (Pk) | Horizontal | 120.86 | - | - |
| | 5785 (Av) | | 109.46 | - | - |
| | 5725(Pk) | | 57.35 | 122.20* | -64.85 |
| | 5720(Pk) | | 53.55 | 110.80* | -57.25 |
| | 5700(Pk) | | 50.21 | 105.20* | -54.99 |
| | 5650(Pk) | | 49.55 | 68.20* | -18.65 |
| | 11570 (Pk) | | 52.17 | 68.23 | -16.06 |
| | 11570 (Av) | | 40.62 | 54.00 | -13.38 |
| | 17355 (Pk) | | 58.51 | 68.23 | -9.72 |
| | 17355 (Av) | | 46.91 | 54.00 | -7.09 |
| 5825 | 5825 (Pk) | Vertical | 119.72 | - | - |
| | 5825 (Av) | | 108.52 | - | - |
| | 5850 (Pk) | | 69.61 | 122.20* | -52.59 |
| | 5855(Pk) | | 65.95 | 110.80* | -44.85 |
| | 5875(Pk) | | 52.65 | 105.20* | -52.55 |
| | 5925 (Pk) | | 52.68 | 68.20* | -15.52 |
| | 11650 (Pk) | | 51.98 | 68.23 | -16.25 |
| | 11650 (Av) | | 40.15 | 54.00 | -13.85 |
| | 17475 (Pk) | | 59.90 | 68.23 | -8.33 |
| | 17475 (Av) | | 47.58 | 54.00 | -6.42 |
| | 5825 (Pk) | Horizontal | 119.61 | - | - |
| | 5825 (Av) | | 108.30 | - | - |
| | 5850 (Pk) | | 73.21 | 122.20* | -48.99 |
| | 5855(Pk) | | 73.84 | 110.80* | -36.96 |
| | 5875(Pk) | | 61.60 | 105.20* | -43.60 |
| | 5925 (Pk) | | 54.33 | 68.20* | -13.87 |
| | 11650 (Pk) | | 52.30 | 68.23 | -15.93 |
| | 11650 (Av) | | 40.19 | 54.00 | -13.81 |
| | 17475 (Pk) | | 59.46 | 68.23 | -8.77 |
| | 17475 (Pk) | | 47.56 | 54.00 | -6.44 |

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 106.59 | - | - |
| | 5180 (Av) | | 96.13 | - | - |
| | 5150 (Pk) | | 46.61 | 74.00* | -27.39 |
| | 5150 (Av) | | 34.10 | 54.00* | -19.90 |
| | 10360 (Pk) | | 52.83 | 68.23 | -15.40 |
| | 10360 (Av) | | 39.39 | 54.00 | -14.61 |
| | 15540 (Pk) | | 54.19 | 68.23 | -14.04 |
| | 15540 (Av) | | 42.62 | 54.00 | -11.38 |
| | 5180 (Pk) | Horizontal | 108.96 | - | - |
| | 5180 (Av) | | 97.43 | - | - |
| | 5150 (Pk) | | 46.58 | 74.00* | -27.42 |
| | 5150 (Av) | | 34.07 | 54.00* | -19.93 |
| | 10360 (Pk) | | 52.11 | 68.23 | -16.12 |
| | 10360 (Av) | | 39.42 | 54.00 | -14.58 |
| | 15540 (Pk) | | 54.62 | 68.23 | -13.61 |
| | 15540 (Av) | | 42.64 | 54.00 | -11.36 |
| 5200 | 5200 (Pk) | Vertical | 105.55 | - | - |
| | 5200 (Av) | | 95.25 | - | - |
| | 5150 (Pk) | | 45.55 | 74.00* | -28.45 |
| | 5150 (Av) | | 33.72 | 54.00* | -20.28 |
| | 10400 (Pk) | | 51.42 | 68.23 | -16.81 |
| | 10400 (Av) | | 39.63 | 54.00 | -14.37 |
| | 15600 (Pk) | | 55.09 | 68.23 | -13.14 |
| | 15600 (Av) | | 42.19 | 54.00 | -11.81 |
| | 5200 (Pk) | Horizontal | 108.20 | - | - |
| | 5200 (Av) | | 97.40 | - | - |
| | 5150 (Pk) | | 46.37 | 74.00* | -27.63 |
| | 5150 (Av) | | 34.20 | 54.00* | -19.80 |
| | 10400 (Pk) | | 51.74 | 68.23 | -16.49 |
| | 10400 (Av) | | 39.64 | 54.00 | -14.36 |
| | 15600 (Pk) | | 54.46 | 68.23 | -13.77 |
| | 15600 (Av) | | 42.25 | 54.00 | -11.75 |
| 5240 | 5240 (Pk) | Vertical | 104.69 | - | - |
| | 5240 (Av) | | 94.44 | - | - |
| | 5350 (Pk) | | 44.80 | 74.00* | -29.20 |
| | 5350 (Av) | | 32.67 | 54.00* | -21.33 |
| | 10480 (Pk) | | 52.81 | 68.23 | -15.42 |
| | 10480 (Av) | | 40.04 | 54.00 | -13.96 |
| | 15720 (Pk) | | 54.28 | 68.23 | -13.95 |
| | 15720 (Av) | | 41.93 | 54.00 | -12.07 |
| | 5240 (Pk) | Horizontal | 108.74 | - | - |
| | 5240 (Av) | | 97.92 | - | - |
| | 5350 (Pk) | | 46.81 | 74.00* | -27.19 |
| | 5350 (Av) | | 34.77 | 54.00* | -19.23 |
| | 10480 (Pk) | | 52.08 | 68.23 | -16.15 |
| | 10480 (Av) | | 40.05 | 54.00 | -13.95 |
| | 15720 (Pk) | | 54.53 | 68.23 | -13.70 |
| | 15720 (Av) | | 41.88 | 54.00 | -12.12 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 119.05 | - | - |
| | 5745 (Av) | | 108.34 | - | - |
| | 5725(Pk) | | 71.89 | 122.20* | -50.31 |
| | 5720(Pk) | | 68.90 | 110.80* | -41.90 |
| | 5700(Pk) | | 52.73 | 105.20* | -52.47 |
| | 5650(Pk) | | 54.00 | 68.20* | -14.20 |
| | 11490 (Pk) | | 54.01 | 68.23 | -14.22 |
| | 11490 (Av) | | 41.15 | 54.00 | -12.85 |
| | 17235 (Pk) | | 58.57 | 68.23 | -9.66 |
| | 17235 (Av) | | 46.44 | 54.00 | -7.56 |
| | 5745 (Pk) | Horizontal | 120.49 | - | - |
| | 5745 (Av) | | 109.33 | - | - |
| | 5725(Pk) | | 85.01 | 122.20* | -37.19 |
| | 5720(Pk) | | 73.70 | 110.80* | -37.10 |
| | 5700(Pk) | | 63.03 | 105.20* | -42.17 |
| | 5650(Pk) | | 56.23 | 68.20* | -11.97 |
| | 11490 (Pk) | | 53.52 | 68.23 | -14.71 |
| | 11490 (Av) | | 41.17 | 54.00 | -12.83 |
| | 17235 (Pk) | | 59.01 | 68.23 | -9.22 |
| | 17235 (Av) | | 46.46 | 54.00 | -7.54 |
| 5785 | 5785 (Pk) | Vertical | 118.50 | - | - |
| | 5785 (Av) | | 107.94 | - | - |
| | 5725(Pk) | | 55.64 | 122.20* | -66.56 |
| | 5720(Pk) | | 48.51 | 110.80* | -62.29 |
| | 5700(Pk) | | 47.57 | 105.20* | -57.63 |
| | 5650(Pk) | | 48.31 | 68.20* | -19.89 |
| | 11570 (Pk) | | 52.66 | 68.23 | -15.57 |
| | 11570 (Av) | | 40.64 | 54.00 | -13.36 |
| | 17355 (Pk) | | 58.95 | 68.23 | -9.28 |
| | 17355 (Av) | | 46.92 | 54.00 | -7.08 |
| | 5785 (Pk) | Horizontal | 119.02 | - | - |
| | 5785 (Av) | | 107.58 | - | - |
| | 5725(Pk) | | 55.65 | 122.20* | -66.55 |
| | 5720(Pk) | | 53.01 | 110.80* | -57.79 |
| | 5700(Pk) | | 47.61 | 105.20* | -57.59 |
| | 5650(Pk) | | 48.84 | 68.20* | -19.36 |
| | 11570 (Pk) | | 52.30 | 68.23 | -15.93 |
| | 11570 (Av) | | 40.64 | 54.00 | -13.36 |
| | 17355 (Pk) | | 59.04 | 68.23 | -9.19 |
| | 17355 (Av) | | 46.90 | 54.00 | -7.10 |
| 5825 | 5825 (Pk) | Vertical | 119.34 | - | - |
| | 5825 (Av) | | 108.76 | - | - |
| | 5850 (Pk) | | 69.88 | 122.20* | -52.32 |
| | 5855(Pk) | | 64.60 | 110.80* | -46.20 |
| | 5875(Pk) | | 53.43 | 105.20* | -51.77 |
| | 5925 (Pk) | | 53.71 | 68.20* | -14.49 |
| | 11650 (Pk) | | 52.97 | 68.23 | -15.26 |
| | 11650 (Av) | | 40.21 | 54.00 | -13.79 |
| | 17475 (Pk) | | 59.79 | 68.23 | -8.44 |
| | 17475 (Av) | | 47.61 | 54.00 | -6.39 |
| | 5825 (Pk) | Horizontal | 119.56 | - | - |
| | 5825 (Av) | | 108.55 | - | - |
| | 5850 (Pk) | | 73.64 | 122.20* | -48.56 |
| | 5855(Pk) | | 71.91 | 110.80* | -38.89 |
| | 5875(Pk) | | 58.91 | 105.20* | -46.29 |
| | 5925 (Pk) | | 53.79 | 68.20* | -14.41 |
| | 11650 (Pk) | | 51.56 | 68.23 | -16.67 |
| | 11650 (Av) | | 40.23 | 54.00 | -13.77 |
| | 17475 (Pk) | | 59.94 | 68.23 | -8.29 |
| | 17475 (Pk) | | 47.57 | 54.00 | -6.43 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5180 | 5180 (Pk) | Vertical | 110.05 | - | - |
| | 5180 (Av) | | 95.84 | - | - |
| | 5150 (Pk) | | 46.42 | 74.00* | -27.58 |
| | 5150 (Av) | | 34.20 | 54.00* | -19.80 |
| | 10360 (Pk) | | 52.10 | 68.23 | -16.13 |
| | 10360 (Av) | | 39.38 | 54.00 | -14.62 |
| | 15540 (Pk) | | 54.20 | 68.23 | -14.03 |
| | 15540 (Av) | | 42.61 | 54.00 | -11.39 |
| | 5180 (Pk) | Horizontal | 108.81 | - | - |
| | 5180 (Av) | | 95.89 | - | - |
| | 5150 (Pk) | | 46.40 | 74.00* | -27.60 |
| | 5150 (Av) | | 34.08 | 54.00* | -19.92 |
| | 10360 (Pk) | | 51.67 | 68.23 | -16.56 |
| | 10360 (Av) | | 39.43 | 54.00 | -14.57 |
| | 15540 (Pk) | | 54.26 | 68.23 | -13.97 |
| | 15540 (Av) | | 42.61 | 54.00 | -11.39 |
| 5200 | 5200 (Pk) | Vertical | 109.33 | - | - |
| | 5200 (Av) | | 96.42 | - | - |
| | 5150 (Pk) | | 45.81 | 74.00* | -28.19 |
| | 5150 (Av) | | 33.78 | 54.00* | -20.22 |
| | 10400 (Pk) | | 52.32 | 68.23 | -15.91 |
| | 10400 (Av) | | 39.68 | 54.00 | -14.32 |
| | 15600 (Pk) | | 55.20 | 68.23 | -13.03 |
| | 15600 (Av) | | 42.23 | 54.00 | -11.77 |
| | 5200 (Pk) | Horizontal | 109.39 | - | - |
| | 5200 (Av) | | 96.77 | - | - |
| | 5150 (Pk) | | 47.53 | 74.00* | -26.47 |
| | 5150 (Av) | | 34.39 | 54.00* | -19.61 |
| | 10400 (Pk) | | 52.09 | 68.23 | -16.14 |
| | 10400 (Av) | | 39.67 | 54.00 | -14.33 |
| | 15600 (Pk) | | 54.56 | 68.23 | -13.67 |
| | 15600 (Av) | | 42.23 | 54.00 | -11.77 |
| 5240 | 5240 (Pk) | Vertical | 107.08 | - | - |
| | 5240 (Av) | | 94.33 | - | - |
| | 5350 (Pk) | | 44.16 | 74.00* | -29.84 |
| | 5350 (Av) | | 32.37 | 54.00* | -21.63 |
| | 10480 (Pk) | | 51.94 | 68.23 | -16.29 |
| | 10480 (Av) | | 40.06 | 54.00 | -13.94 |
| | 15720 (Pk) | | 53.95 | 68.23 | -14.28 |
| | 15720 (Av) | | 41.93 | 54.00 | -12.07 |
| | 5240 (Pk) | Horizontal | 108.22 | - | - |
| | 5240 (Av) | | 95.40 | - | - |
| | 5350 (Pk) | | 44.55 | 74.00* | -29.45 |
| | 5350 (Av) | | 32.46 | 54.00* | -21.54 |
| | 10480 (Pk) | | 52.02 | 68.23 | -16.21 |
| | 10480 (Av) | | 40.03 | 54.00 | -13.97 |
| | 15720 (Pk) | | 53.78 | 68.23 | -14.45 |
| | 15720 (Av) | | 41.96 | 54.00 | -12.04 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5745 | 5745 (Pk) | Vertical | 120.43 | - | - |
| | 5745 (Av) | | 106.95 | - | - |
| | 5725(Pk) | | 73.10 | 122.20* | -49.10 |
| | 5720(Pk) | | 69.82 | 110.80* | -40.98 |
| | 5700(Pk) | | 52.85 | 105.20* | -52.35 |
| | 5650(Pk) | | 55.12 | 68.20* | -13.08 |
| | 11490 (Pk) | | 53.21 | 68.23 | -15.02 |
| | 11490 (Av) | | 41.17 | 54.00 | -12.83 |
| | 17235 (Pk) | | 59.17 | 68.23 | -9.06 |
| | 17235 (Av) | | 46.43 | 54.00 | -7.57 |
| | 5745 (Pk) | Horizontal | 119.75 | - | - |
| | 5745 (Av) | | 106.93 | - | - |
| | 5725(Pk) | | 72.23 | 122.20* | -49.97 |
| | 5720(Pk) | | 70.39 | 110.80* | -40.41 |
| | 5700(Pk) | | 52.56 | 105.20* | -52.64 |
| | 5650(Pk) | | 53.76 | 68.20* | -14.44 |
| | 11490 (Pk) | | 53.05 | 68.23 | -15.18 |
| | 11490 (Av) | | 41.13 | 54.00 | -12.87 |
| | 17235 (Pk) | | 58.36 | 68.23 | -9.87 |
| | 17235 (Av) | | 46.43 | 54.00 | -7.57 |
| 5785 | 5785 (Pk) | Vertical | 121.49 | - | - |
| | 5785 (Av) | | 108.36 | - | - |
| | 5725(Pk) | | 56.86 | 122.20* | -65.34 |
| | 5720(Pk) | | 49.23 | 110.80* | -61.57 |
| | 5700(Pk) | | 48.42 | 105.20* | -56.78 |
| | 5650(Pk) | | 48.96 | 68.20* | -19.24 |
| | 11570 (Pk) | | 52.98 | 68.23 | -15.25 |
| | 11570 (Av) | | 40.67 | 54.00 | -13.33 |
| | 17355 (Pk) | | 58.94 | 68.23 | -9.29 |
| | 17355 (Av) | | 46.89 | 54.00 | -7.11 |
| | 5785 (Pk) | Horizontal | 122.66 | - | - |
| | 5785 (Av) | | 109.75 | - | - |
| | 5725(Pk) | | 57.56 | 122.20* | -64.64 |
| | 5720(Pk) | | 52.95 | 110.80* | -57.85 |
| | 5700(Pk) | | 50.51 | 105.20* | -54.69 |
| | 5650(Pk) | | 50.35 | 68.20* | -17.85 |
| | 11570 (Pk) | | 52.62 | 68.23 | -15.61 |
| | 11570 (Av) | | 40.62 | 54.00 | -13.38 |
| | 17355 (Pk) | | 58.53 | 68.23 | -9.70 |
| | 17355 (Av) | | 46.96 | 54.00 | -7.04 |
| 5825 | 5825 (Pk) | Vertical | 122.47 | - | - |
| | 5825 (Av) | | 109.49 | - | - |
| | 5850 (Pk) | | 74.33 | 122.20* | -47.87 |
| | 5855(Pk) | | 67.17 | 110.80* | -43.63 |
| | 5875(Pk) | | 53.95 | 105.20* | -51.25 |
| | 5925 (Pk) | | 53.86 | 68.20* | -14.34 |
| | 11650 (Pk) | | 52.63 | 68.23 | -15.60 |
| | 11650 (Av) | | 40.21 | 54.00 | -13.79 |
| | 17475 (Pk) | | 59.80 | 68.23 | -8.43 |
| | 17475 (Av) | | 47.60 | 54.00 | -6.40 |
| | 5825 (Pk) | Horizontal | 123.51 | - | - |
| | 5825 (Av) | | 110.63 | - | - |
| | 5850 (Pk) | | 82.22 | 122.20* | -39.98 |
| | 5855(Pk) | | 73.92 | 110.80* | -36.88 |
| | 5875(Pk) | | 61.42 | 105.20* | -43.78 |
| | 5925 (Pk) | | 54.11 | 68.20* | -14.09 |
| | 11650 (Pk) | | 52.77 | 68.23 | -15.46 |
| | 11650 (Av) | | 40.20 | 54.00 | -13.80 |
| | 17475 (Pk) | | 59.71 | 68.23 | -8.52 |
| | 17475 (Pk) | | 47.61 | 54.00 | -6.39 |

**Channel Bandwidth: 40MHz**

**Modulation: 802.11n**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 103.93 | - | - |
| | 5190 (Av) | | 92.74 | - | - |
| | 5150 (Pk) | | 46.32 | 74.00* | -27.68 |
| | 5150 (Av) | | 33.18 | 54.00* | -20.82 |
| | 10380 (Pk) | | 52.52 | 68.23 | -15.71 |
| | 10380 (Av) | | 40.25 | 54.00 | -13.75 |
| | 15570 (Pk) | | 54.24 | 68.23 | -13.99 |
| | 15570 (Av) | | 41.80 | 54.00 | -12.20 |
| | 5190 (Pk) | Horizontal | 104.58 | - | - |
| | 5190 (Av) | | 93.66 | - | - |
| | 5150 (Pk) | | 44.85 | 74.00* | -29.15 |
| | 5150 (Av) | | 32.89 | 54.00* | -21.11 |
| | 10380 (Pk) | | 52.48 | 68.23 | -15.75 |
| | 10380 (Av) | | 40.22 | 54.00 | -13.78 |
| | 15570 (Pk) | | 54.13 | 68.23 | -14.10 |
| | 15570 (Av) | | 41.85 | 54.00 | -12.15 |
| 5230 | 5230 (Pk) | Vertical | 101.56 | - | - |
| | 5230 (Av) | | 91.88 | - | - |
| | 5350 (Pk) | | 44.09 | 74.00* | -29.91 |
| | 5350 (Av) | | 31.79 | 54.00* | -22.21 |
| | 10460 (Pk) | | 53.33 | 68.23 | -14.90 |
| | 10460 (Av) | | 40.89 | 54.00 | -13.11 |
| | 15690 (Pk) | | 53.66 | 68.23 | -14.57 |
| | 15690 (Av) | | 41.39 | 54.00 | -12.61 |
| | 5230 (Pk) | Horizontal | 104.80 | - | - |
| | 5230 (Av) | | 94.35 | - | - |
| | 5350 (Pk) | | 46.10 | 74.00* | -27.90 |
| | 5350 (Av) | | 33.51 | 54.00* | -20.49 |
| | 10460 (Pk) | | 53.47 | 68.23 | -14.76 |
| | 10460 (Av) | | 40.90 | 54.00 | -13.10 |
| | 15690 (Pk) | | 53.09 | 68.23 | -15.14 |
| | 15690 (Av) | | 41.40 | 54.00 | -12.60 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 116.05 | - | - |
| | 5755 (Av) | | 105.69 | - | - |
| | 5725(Pk) | | 77.37 | 122.20* | -44.83 |
| | 5720(Pk) | | 73.55 | 110.80* | -37.25 |
| | 5700(Pk) | | 59.92 | 105.20* | -45.28 |
| | 5650(Pk) | | 51.64 | 68.20* | -16.56 |
| | 11510 (Pk) | | 54.73 | 68.23 | -13.50 |
| | 11510 (Av) | | 43.13 | 54.00 | -10.87 |
| | 17265 (Pk) | | 56.43 | 68.23 | -11.80 |
| | 17265 (Av) | | 44.65 | 54.00 | -9.35 |
| | 5755 (Pk) | Horizontal | 118.40 | - | - |
| | 5755 (Av) | | 107.94 | - | - |
| | 5725(Pk) | | 91.52 | 122.20* | -30.68 |
| | 5720(Pk) | | 91.19 | 110.80* | -19.61 |
| | 5700(Pk) | | 70.20 | 105.20* | -35.00 |
| | 5650(Pk) | | 59.69 | 68.20* | -8.51 |
| | 11510 (Pk) | | 55.85 | 68.23 | -12.38 |
| | 11510 (Av) | | 43.16 | 54.00 | -10.84 |
| | 17265 (Pk) | | 56.89 | 68.23 | -11.34 |
| | 17265 (Av) | | 44.59 | 54.00 | -9.41 |
| 5795 | 5795 (Pk) | Vertical | 115.80 | - | - |
| | 5795 (Av) | | 105.93 | - | - |
| | 5850 (Pk) | | 62.76 | 122.20* | -59.44 |
| | 5855(Pk) | | 63.10 | 110.80* | -47.70 |
| | 5875(Pk) | | 52.63 | 105.20* | -52.57 |
| | 5925 (Pk) | | 51.41 | 68.20* | -16.79 |
| | 11590 (Pk) | | 54.75 | 68.23 | -13.48 |
| | 11590 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17385 (Pk) | | 57.08 | 68.23 | -11.15 |
| | 17385 (Pk) | | 44.84 | 54.00 | -9.16 |
| | 5795 (Pk) | Horizontal | 118.95 | - | - |
| | 5795 (Av) | | 107.53 | - | - |
| | 5850 (Pk) | | 68.28 | 122.20* | -53.92 |
| | 5855(Pk) | | 66.76 | 110.80* | -44.04 |
| | 5875(Pk) | | 62.82 | 105.20* | -42.38 |
| | 5925 (Pk) | | 52.74 | 68.20* | -15.46 |
| | 11590 (Pk) | | 54.40 | 68.23 | -13.83 |
| | 11590 (Av) | | 42.56 | 54.00 | -11.44 |
| | 17385 (Pk) | | 57.91 | 68.23 | -10.32 |
| | 17385 (Pk) | | 44.82 | 54.00 | -9.18 |

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 103.29 | - | - |
| | 5190 (Av) | | 92.72 | - | - |
| | 5150 (Pk) | | 45.52 | 74.00* | -28.48 |
| | 5150 (Av) | | 33.63 | 54.00* | -20.37 |
| | 10380 (Pk) | | 52.56 | 68.23 | -15.67 |
| | 10380 (Av) | | 40.17 | 54.00 | -13.83 |
| | 15570 (Pk) | | 53.87 | 68.23 | -14.36 |
| | 15570 (Av) | | 41.79 | 54.00 | -12.21 |
| | 5190 (Pk) | Horizontal | 104.59 | - | - |
| | 5190 (Av) | | 94.01 | - | - |
| | 5150 (Pk) | | 46.75 | 74.00* | -27.25 |
| | 5150 (Av) | | 34.54 | 54.00* | -19.46 |
| | 10380 (Pk) | | 52.04 | 68.23 | -16.19 |
| | 10380 (Av) | | 40.19 | 54.00 | -13.81 |
| | 15570 (Pk) | | 53.89 | 68.23 | -14.34 |
| | 15570 (Av) | | 41.83 | 54.00 | -12.17 |
| 5230 | 5230 (Pk) | Vertical | 102.23 | - | - |
| | 5230 (Av) | | 91.84 | - | - |
| | 5350 (Pk) | | 43.80 | 74.00* | -30.20 |
| | 5350 (Av) | | 32.50 | 54.00* | -21.50 |
| | 10460 (Pk) | | 53.02 | 68.23 | -15.21 |
| | 10460 (Av) | | 40.88 | 54.00 | -13.12 |
| | 15690 (Pk) | | 53.17 | 68.23 | -15.06 |
| | 15690 (Av) | | 41.39 | 54.00 | -12.61 |
| | 5230 (Pk) | Horizontal | 104.61 | - | - |
| | 5230 (Av) | | 94.33 | - | - |
| | 5350 (Pk) | | 45.65 | 74.00* | -28.35 |
| | 5350 (Av) | | 33.45 | 54.00* | -20.55 |
| | 10460 (Pk) | | 52.94 | 68.23 | -15.29 |
| | 10460 (Av) | | 40.89 | 54.00 | -13.11 |
| | 15690 (Pk) | | 53.99 | 68.23 | -14.24 |
| | 15690 (Av) | | 41.38 | 54.00 | -12.62 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 114.60 | - | - |
| | 5755 (Av) | | 104.55 | - | - |
| | 5725(Pk) | | 75.48 | 122.20* | -46.72 |
| | 5720(Pk) | | 72.66 | 110.80* | -38.14 |
| | 5700(Pk) | | 58.74 | 105.20* | -46.46 |
| | 5650(Pk) | | 50.97 | 68.20* | -17.23 |
| | 11510 (Pk) | | 55.27 | 68.23 | -12.96 |
| | 11510 (Av) | | 43.16 | 54.00 | -10.84 |
| | 17265 (Pk) | | 56.53 | 68.23 | -11.70 |
| | 17265 (Av) | | 44.62 | 54.00 | -9.38 |
| | 5755 (Pk) | Horizontal | 118.58 | - | - |
| | 5755 (Av) | | 107.92 | - | - |
| | 5725(Pk) | | 91.40 | 122.20* | -30.80 |
| | 5720(Pk) | | 91.02 | 110.80* | -19.78 |
| | 5700(Pk) | | 70.06 | 105.20* | -35.14 |
| | 5650(Pk) | | 56.70 | 68.20* | -11.50 |
| | 11510 (Pk) | | 55.97 | 68.23 | -12.26 |
| | 11510 (Av) | | 43.18 | 54.00 | -10.82 |
| | 17265 (Pk) | | 57.26 | 68.23 | -10.97 |
| | 17265 (Av) | | 44.65 | 54.00 | -9.35 |
| 5795 | 5795 (Pk) | Vertical | 115.39 | - | - |
| | 5795 (Av) | | 105.31 | - | - |
| | 5850 (Pk) | | 61.64 | 122.20* | -60.56 |
| | 5855(Pk) | | 58.32 | 110.80* | -52.48 |
| | 5875(Pk) | | 52.41 | 105.20* | -52.79 |
| | 5925 (Pk) | | 21.04 | 68.20* | -47.16 |
| | 11590 (Pk) | | 54.32 | 68.23 | -13.91 |
| | 11590 (Av) | | 42.62 | 54.00 | -11.38 |
| | 17385 (Pk) | | 58.02 | 68.23 | -10.21 |
| | 17385 (Pk) | | 44.91 | 54.00 | -9.09 |
| | 5795 (Pk) | Horizontal | 118.31 | - | - |
| | 5795 (Av) | | 107.57 | - | - |
| | 5850 (Pk) | | 68.24 | 122.20* | -53.96 |
| | 5855(Pk) | | 66.75 | 110.80* | -44.05 |
| | 5875(Pk) | | 62.01 | 105.20* | -43.19 |
| | 5925 (Pk) | | 52.26 | 68.20* | -15.94 |
| | 11590 (Pk) | | 54.72 | 68.23 | -13.51 |
| | 11590 (Av) | | 42.59 | 54.00 | -11.41 |
| | 17385 (Pk) | | 57.37 | 68.23 | -10.86 |
| | 17385 (Pk) | | 44.84 | 54.00 | -9.16 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5190 | 5190 (Pk) | Vertical | 106.85 | - | - |
| | 5190 (Av) | | 93.54 | - | - |
| | 5150 (Pk) | | 45.17 | 74.00* | -28.83 |
| | 5150 (Av) | | 32.62 | 54.00* | -21.38 |
| | 10380 (Pk) | | 52.19 | 68.23 | -16.04 |
| | 10380 (Av) | | 40.21 | 54.00 | -13.79 |
| | 15570 (Pk) | | 54.05 | 68.23 | -14.18 |
| | 15570 (Av) | | 41.94 | 54.00 | -12.06 |
| | 5190 (Pk) | Horizontal | 106.25 | - | - |
| | 5190 (Av) | | 93.60 | - | - |
| | 5150 (Pk) | | 46.31 | 74.00* | -27.69 |
| | 5150 (Av) | | 34.36 | 54.00* | -19.64 |
| | 10380 (Pk) | | 52.71 | 68.23 | -15.52 |
| | 10380 (Av) | | 40.20 | 54.00 | -13.80 |
| | 15570 (Pk) | | 53.84 | 68.23 | -14.39 |
| | 15570 (Av) | | 41.84 | 54.00 | -12.16 |
| 5230 | 5230 (Pk) | Vertical | 104.48 | - | - |
| | 5230 (Av) | | 91.48 | - | - |
| | 5350 (Pk) | | 43.63 | 74.00* | -30.37 |
| | 5350 (Av) | | 32.19 | 54.00* | -21.81 |
| | 10460 (Pk) | | 53.21 | 68.23 | -15.02 |
| | 10460 (Av) | | 40.90 | 54.00 | -13.10 |
| | 15690 (Pk) | | 53.34 | 68.23 | -14.89 |
| | 15690 (Av) | | 41.43 | 54.00 | -12.57 |
| | 5230 (Pk) | Horizontal | 106.93 | - | - |
| | 5230 (Av) | | 93.86 | - | - |
| | 5350 (Pk) | | 45.48 | 74.00* | -28.52 |
| | 5350 (Av) | | 32.82 | 54.00* | -21.18 |
| | 10460 (Pk) | | 53.61 | 68.23 | -14.62 |
| | 10460 (Av) | | 40.86 | 54.00 | -13.14 |
| | 15690 (Pk) | | 53.61 | 68.23 | -14.62 |
| | 15690 (Av) | | 41.43 | 54.00 | -12.57 |

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5755 | 5755 (Pk) | Vertical | 117.76 | - | - |
| | 5755 (Av) | | 104.64 | - | - |
| | 5725(Pk) | | 82.68 | 122.20* | -39.52 |
| | 5720(Pk) | | 83.95 | 110.80* | -26.85 |
| | 5700(Pk) | | 71.11 | 105.20* | -34.09 |
| | 5650(Pk) | | 52.59 | 68.20* | -15.61 |
| | 11510 (Pk) | | 55.72 | 68.23 | -12.51 |
| | 11510 (Av) | | 43.15 | 54.00 | -10.85 |
| | 17265 (Pk) | | 56.89 | 68.23 | -11.34 |
| | 17265 (Av) | | 44.70 | 54.00 | -9.30 |
| | 5755 (Pk) | Horizontal | 120.60 | - | - |
| | 5755 (Av) | | 106.96 | - | - |
| | 5725(Pk) | | 89.60 | 122.20* | -32.60 |
| | 5720(Pk) | | 91.32 | 110.80* | -19.48 |
| | 5700(Pk) | | 69.67 | 105.20* | -35.53 |
| | 5650(Pk) | | 57.49 | 68.20* | -10.71 |
| | 11510 (Pk) | | 55.15 | 68.23 | -13.08 |
| | 11510 (Av) | | 43.14 | 54.00 | -10.86 |
| | 17265 (Pk) | | 56.13 | 68.23 | -12.10 |
| | 17265 (Av) | | 44.68 | 54.00 | -9.32 |
| 5795 | 5795 (Pk) | Vertical | 118.71 | - | - |
| | 5795 (Av) | | 104.96 | - | - |
| | 5850 (Pk) | | 60.32 | 122.20* | -61.88 |
| | 5855(Pk) | | 58.30 | 110.80* | -52.50 |
| | 5875(Pk) | | 52.15 | 105.20* | -53.05 |
| | 5925 (Pk) | | 51.09 | 68.20* | -17.11 |
| | 11590 (Pk) | | 55.03 | 68.23 | -13.20 |
| | 11590 (Av) | | 42.61 | 54.00 | -11.39 |
| | 17385 (Pk) | | 57.37 | 68.23 | -10.86 |
| | 17385 (Pk) | | 44.88 | 54.00 | -9.12 |
| | 5795 (Pk) | Horizontal | 120.43 | - | - |
| | 5795 (Av) | | 106.91 | - | - |
| | 5850 (Pk) | | 68.00 | 122.20* | -54.20 |
| | 5855(Pk) | | 65.74 | 110.80* | -45.06 |
| | 5875(Pk) | | 60.69 | 105.20* | -44.51 |
| | 5925 (Pk) | | 52.59 | 68.20* | -15.61 |
| | 11590 (Pk) | | 55.60 | 68.23 | -12.63 |
| | 11590 (Av) | | 42.63 | 54.00 | -11.37 |
| | 17385 (Pk) | | 56.98 | 68.23 | -11.25 |
| | 17385 (Pk) | | 44.84 | 54.00 | -9.16 |

**Channel Bandwidth: 80MHz**

**Modulation: 802.11ac**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 101.27 | - | - |
| | 5210 (Av) | | 91.00 | - | - |
| | 5150 (Pk) | | 45.67 | 74.00* | -28.33 |
| | 5150 (Av) | | 32.59 | 54.00* | -21.41 |
| | 10420 (Pk) | | 53.22 | 68.23 | -15.01 |
| | 10420 (Av) | | 40.63 | 54.00 | -13.37 |
| | 15630 (Pk) | | 53.56 | 68.23 | -14.67 |
| | 15630 (Av) | | 41.62 | 54.00 | -12.38 |
| | 5210 (Pk) | Horizontal | 101.85 | - | - |
| | 5210 (Av) | | 91.17 | - | - |
| | 5150 (Pk) | | 46.47 | 74.00* | -27.53 |
| | 5150 (Av) | | 34.37 | 54.00* | -19.63 |
| | 10420 (Pk) | | 52.67 | 68.23 | -15.56 |
| | 10420 (Av) | | 40.57 | 54.00 | -13.43 |
| | 15630 (Pk) | | 53.68 | 68.23 | -14.55 |
| | 15630 (Av) | | 41.56 | 54.00 | -12.44 |
| 5775 | 5775 (Pk) | Vertical | 105.78 | - | - |
| | 5775 (Pk) | | 95.59 | - | - |
| | 5850 (Pk) | | 49.09 | 122.20* | -73.11 |
| | 5855 (Pk) | | 48.46 | 110.80* | -62.34 |
| | 5875 (Pk) | | 47.10 | 105.20* | -58.10 |
| | 5925 (Pk) | | 46.38 | 68.20* | -21.82 |
| | 11550 (Pk) | | 58.56 | 68.23 | -9.67 |
| | 11550 (Av) | | 44.69 | 54.00 | -9.31 |
| | 17325 (Pk) | | 57.17 | 68.23 | -11.06 |
| | 17325 (Av) | | 44.46 | 54.00 | -9.54 |
| | 5775 (Pk) | Horizontal | 109.05 | - | - |
| | 5775 (Pk) | | 98.32 | - | - |
| | 5850 (Pk) | | 54.30 | 122.20* | -67.90 |
| | 5855 (Pk) | | 51.89 | 110.80* | -58.91 |
| | 5875 (Pk) | | 50.22 | 105.20* | -54.98 |
| | 5925 (Pk) | | 48.26 | 68.20* | -19.94 |
| | 11550 (Av) | | 64.85 | 68.23 | -3.38 |
| | 11550 (Pk) | | 50.27 | 54.00 | -3.73 |
| | 17325 (Pk) | | 56.08 | 68.23 | -12.15 |
| | 17325 (Av) | | 44.50 | 54.00 | -9.50 |

**Modulation: 802.11ax**

**Data Rate: MCS0**

| Channel Frequency (MHz) | Measured Frequency (MHz) | Antenna Polarization | Measured Emission (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|---|---|---|---|---|---|
| 5210 | 5210 (Pk) | Vertical | 102.25 | - | - |
| | 5210 (Av) | | 88.78 | - | - |
| | 5150 (Pk) | | 45.23 | 74.00* | -28.77 |
| | 5150 (Av) | | 32.70 | 54.00* | -21.30 |
| | 10420 (Pk) | | 53.78 | 68.23 | -14.45 |
| | 10420 (Av) | | 40.59 | 54.00 | -13.41 |
| | 15630 (Pk) | | 53.73 | 68.23 | -14.50 |
| | 15630 (Av) | | 41.44 | 54.00 | -12.56 |
| | 5210 (Pk) | Horizontal | 104.71 | - | - |
| | 5210 (Av) | | 91.72 | - | - |
| | 5150 (Pk) | | 47.17 | 74.00* | -26.83 |
| | 5150 (Av) | | 34.69 | 54.00* | -19.31 |
| | 10420 (Pk) | | 53.47 | 68.23 | -14.76 |
| | 10420 (Av) | | 40.56 | 54.00 | -13.44 |
| | 15630 (Pk) | | 53.57 | 68.23 | -14.66 |
| | 15630 (Av) | | 41.53 | 54.00 | -12.47 |
| 5775 | 5775 (Pk) | Vertical | 112.11 | - | - |
| | 5775 (Pk) | | 98.83 | - | - |
| | 5850 (Pk) | | 50.48 | 122.20* | -71.72 |
| | 5855 (Pk) | | 50.72 | 110.80* | -60.08 |
| | 5875 (Pk) | | 46.98 | 105.20* | -58.22 |
| | 5925 (Pk) | | 45.82 | 68.20* | -22.38 |
| | 11550 (Pk) | | 58.69 | 68.23 | -9.54 |
| | 11550 (Av) | | 44.82 | 54.00 | -9.18 |
| | 17325 (Pk) | | 56.67 | 68.23 | -11.56 |
| | 17325 (Av) | | 44.47 | 54.00 | -9.53 |
| | 5775 (Pk) | Horizontal | 113.34 | - | - |
| | 5775 (Pk) | | 99.56 | - | - |
| | 5850 (Pk) | | 58.92 | 122.20* | -63.28 |
| | 5855 (Pk) | | 56.33 | 110.80* | -54.47 |
| | 5875 (Pk) | | 51.68 | 105.20* | -53.52 |
| | 5925 (Pk) | | 47.88 | 68.20* | -20.32 |
| | 11550 (Av) | | 64.64 | 68.23 | -3.59 |
| | 11550 (Pk) | | 50.11 | 54.00 | -3.89 |
| | 17325 (Pk) | | 56.16 | 68.23 | -12.07 |
| | 17325 (Av) | | 44.55 | 54.00 | -9.45 |

# 7.5 FREQUENCY STABILITY

***Result*** ***Pass***

| | |
|---|---|
| Test Specification | FCC part 15 Subpart C 15.407 (g) / RSS Gen Issue 5, Section 8.11 |
| Test Method | Subclause 6.8.1 of ANSI C63.10 |
| Port of testing | Antenna port |
| Requirement | Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual |

**Test Method:**


**Test Condition:**

**Normal Test Condition:**

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

**KDB Guidelines applied:**

Measurements were made as per section A (3) in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

**Test results:**

| Temperature (°C) | Channel Bandwidth (MHz) | Channel frequency (MHz) | 0 Min | 2 Min | 5 Min | 10 Min |
|---|---|---|---|---|---|---|
| -40 | 20 | 5180 | -1.720 | -1.370 | -1.350 | -1.650 |
| | | 5200 | -0.950 | 0.830 | -1.080 | -1.860 |
| | | 5240 | -0.900 | -1.630 | -1.520 | 2.060 |
| | | 5745 | 0.840 | 0.820 | -0.200 | -0.180 |
| | | 5785 | 0.860 | 0.890 | 1.460 | 1.400 |
| | | 5825 | 0.680 | 0.240 | -9.590 | 0.800 |
| -30 | | 5180 | 0.810 | 0.790 | -0.980 | 1.180 |
| | | 5200 | 1.390 | -1.540 | 0.550 | -0.800 |
| | | 5240 | 1.800 | 0.710 | -1.680 | 1.520 |
| | | 5745 | -1.140 | -1.450 | 0.720 | 0.680 |
| | | 5785 | 0.670 | 0.790 | 0.750 | 0.750 |
| | | 5825 | 0.690 | 0.750 | -0.110 | -1.200 |
| -20 | | 5180 | 0.780 | 0.840 | 0.760 | -1.890 |
| | | 5200 | -1.300 | -1.600 | 0.320 | 0.360 |
| | | 5240 | -0.030 | 1.370 | 0.810 | -1.790 |
| | | 5745 | -0.900 | 1.180 | 0.620 | -0.020 |
| | | 5785 | 0.670 | -1.400 | 0.970 | 0.640 |
| | | 5825 | -0.990 | -0.980 | -1.530 | 0.840 |
| -10 | | 5180 | 1.500 | 0.800 | -1.520 | 0.060 |
| | | 5200 | 0.890 | 1.790 | -1.980 | 0.070 |
| | | 5240 | 1.300 | -1.710 | -1.010 | -0.560 |
| | | 5745 | -1.240 | -1.020 | -1.170 | -0.800 |
| | | 5785 | -1.060 | -0.210 | -0.920 | 1.110 |
| | | 5825 | 0.840 | 0.710 | 0.790 | 0.420 |
| 0 | | 5180 | -0.820 | 0.270 | -1.250 | -1.480 |
| | | 5200 | -0.890 | -1.750 | -1.940 | -1.940 |
| | | 5240 | -0.980 | 1.180 | 1.190 | -1.280 |
| | | 5745 | -1.010 | -0.930 | -1.780 | 0.800 |
| | | 5785 | 0.690 | 1.020 | 1.990 | 0.880 |
| | | 5825 | 0.880 | 0.800 | 0.730 | 0.680 |
| 10 | | 5180 | 0.820 | 0.760 | 0.580 | 0.670 |
| | | 5200 | 0.280 | 0.840 | 0.810 | 1.110 |
| | | 5240 | 0.820 | 1.480 | 1.590 | 1.770 |
| | | 5745 | 0.750 | 0.580 | 0.790 | 0.850 |
| | | 5785 | 0.750 | 0.780 | -1.030 | -1.010 |
| | | 5825 | -0.900 | -1.300 | -1.020 | -1.140 |
| 20 | | 5180 | 0.810 | 1.440 | 0.870 | 1.440 |
| | | 5200 | 0.850 | 0.870 | 0.880 | 0.800 |
| | | 5240 | 0.800 | 1.510 | 0.820 | 101.350 |
| | | 5745 | 0.670 | 0.680 | 0.820 | -0.100 |
| | | 5785 | 1.170 | 0.830 | 0.790 | 0.810 |
| | | 5825 | 0.720 | 0.840 | 0.840 | 1.080 |
| 30 | | 5180 | 2.050 | 0.840 | 1.880 | -0.320 |
| | | 5200 | 0.720 | 0.830 | 0.600 | 1.260 |
| | | 5240 | 110.870 | 0.760 | 1.230 | -1.450 |
| | | 5745 | -1.500 | 1.270 | 0.000 | 0.030 |
| | | 5785 | 0.940 | -0.120 | 0.730 | 0.900 |
| | | 5825 | 0.730 | 0.790 | 0.120 | 0.490 |
| 40 | | 5180 | 0.430 | 0.820 | 1.220 | 0.180 |
| | | 5200 | 1.000 | 0.880 | 0.850 | 0.680 |
| | | 5240 | 0.790 | 1.240 | 1.420 | 1.490 |
| | | 5745 | 0.790 | 0.810 | 0.780 | 0.750 |
| | | 5785 | 0.770 | 0.820 | -1.560 | -1.510 |
| | | 5825 | -0.970 | -0.850 | -1.070 | 1.600 |
| 50 | | 5180 | 0.860 | 0.200 | -1.350 | 0.280 |
| | | 5200 | -1.200 | 0.000 | -2.100 | -1.500 |
| | | 5240 | 1.470 | 0.790 | 0.160 | 0.920 |
| | | 5745 | 0.690 | 0.310 | 0.310 | 0.350 |
| | | 5785 | 0.770 | 1.030 | 1.200 | 1.750 |
| | | 5825 | 0.690 | 0.750 | 0.710 | -0.900 |
| 60 | | 5180 | -1.780 | -1.370 | -1.350 | -1.650 |
| | | 5200 | -0.920 | 0.830 | -1.080 | -1.860 |
| | | 5240 | -0.900 | -1.630 | -1.500 | 2.060 |
| | | 5745 | 0.840 | 0.820 | -0.200 | -0.180 |
| | | 5785 | 0.860 | 0.790 | 1.460 | 1.400 |
| | | 5825 | 0.150 | 0.240 | -9.590 | 0.800 |

| Temperature (ºC) | Channel Bandwidth (MHz) | Channel frequency (MHz) | 0 Min | 2 Min | 5 Min | 10 Min |
|---|---|---|---|---|---|---|
| -40 | 40 | 5190 | -2.150 | -2.300 | -2.140 | -2.520 |
| | | 5230 | -2.470 | -2.140 | -2.110 | -3.010 |
| | | 5755 | -2.770 | -4.460 | -4.510 | -4.320 |
| | | 5795 | -2.030 | -2.370 | -3.010 | -0.340 |
| -30 | | 5190 | -1.980 | -3.240 | -3.180 | -3.290 |
| | | 5230 | -3.760 | -1.750 | -2.090 | -3.320 |
| | | 5755 | -2.250 | -1.520 | -1.450 | -1.320 |
| | | 5795 | -2.520 | -1.520 | -3.100 | -1.320 |
| -20 | | 5190 | -1.910 | -2.450 | -2.140 | -2.320 |
| | | 5230 | -1.660 | -2.290 | -2.050 | -2.170 |
| | | 5755 | -1.610 | -2.990 | 1.630 | 1.380 |
| | | 5795 | 1.820 | 1.830 | -1.590 | 1.320 |
| -10 | | 5190 | 2.840 | 1.960 | -1.740 | -1.410 |
| | | 5230 | -1.390 | -2.030 | -2.450 | -1.130 |
| | | 5755 | -1.700 | 1.460 | -1.720 | 1.900 |
| | | 5795 | 2.060 | 1.720 | 1.510 | 1.850 |
| 0 | | 5190 | 3.800 | -2.040 | -3.010 | -2.440 |
| | | 5230 | -1.990 | -1.780 | -0.450 | -1.990 |
| | | 5755 | -1.970 | -2.030 | -2.300 | -2.010 |
| | | 5795 | -2.130 | 1.840 | 1.630 | -1.590 |
| 10 | | 5190 | -2.050 | -2.100 | -3.200 | -1.980 |
| | | 5230 | -3.370 | -2.660 | 3.170 | 3.180 |
| | | 5755 | 1.620 | 1.790 | 1.720 | 1.590 |
| | | 5795 | 2.220 | -1.790 | -0.400 | -1.760 |
| 20 | | 5190 | -1.400 | -2.000 | -3.370 | -1.450 |
| | | 5230 | -1.700 | 3.860 | -2.150 | -2.150 |
| | | 5755 | -1.920 | -1.460 | 1.860 | 1.590 |
| | | 5795 | 2.970 | 1.590 | 1.460 | 0.520 |
| 30 | | 5190 | -1.650 | -1.810 | -1.880 | -2.300 |
| | | 5230 | -1.720 | -1.980 | -1.880 | -2.730 |
| | | 5755 | -1.330 | -1.580 | 1.810 | 1.890 |
| | | 5795 | 1.470 | 1.890 | -1.930 | 1.670 |
| 40 | | 5190 | -1.610 | -2.310 | -3.790 | -3.790 |
| | | 5230 | -1.850 | -1.680 | -2.210 | 2.050 |
| | | 5755 | 1.830 | 0.720 | -0.280 | 1.580 |
| | | 5795 | 2.380 | 1.550 | 0.460 | -0.540 |
| 50 | | 5190 | 3.450 | 1.790 | 1.790 | -3.070 |
| | | 5230 | -3.720 | -4.560 | -2.460 | -1.040 |
| | | 5755 | -2.280 | 1.650 | 1.490 | 0.740 |
| | | 5795 | 1.620 | -1.940 | -1.740 | -0.450 |
| 60 | | 5190 | 1.610 | 2.700 | 1.600 | -1.790 |
| | | 5230 | -2.450 | -3.820 | -1.830 | -2.320 |
| | | 5755 | -1.470 | -1.750 | -2.110 | -1.540 |
| | | 5795 | -1.700 | -1.810 | -1.940 | -1.900 |

| Temperature (°C) | Channel Bandwidth (MHz) | Channel frequency (MHz) | 0 Min | 2 Min | 5 Min | 10 Min |
|---|---|---|---|---|---|---|
| -40 | 80 | 5210 | -2.200 | -2.790 | -2.740 | -2.770 |
| | | 5775 | 2.510 | 2.740 | 2.850 | 1.570 |
| -30 | | 5210 | -2.110 | -3.180 | -2.800 | -0.420 |
| | | 5775 | -2.000 | 1.620 | 1.690 | 1.880 |
| -20 | | 5210 | -3.790 | -2.910 | -1.970 | -2.670 |
| | | 5775 | 1.510 | 1.540 | 0.790 | -0.390 |
| -10 | | 5210 | -3.430 | 5.670 | -1.630 | -0.530 |
| | | 5775 | 1.390 | 1.440 | 0.450 | -1.320 |
| 0 | | 5210 | -2.110 | -3.240 | -2.800 | -0.450 |
| | | 5775 | -2.030 | 1.620 | 1.790 | 1.880 |
| 10 | | 5210 | -4.880 | -1.900 | -3.010 | 5.120 |
| | | 5775 | 1.890 | 5.480 | 1.630 | -0.340 |
| 20 | | 5210 | 5.390 | 4.860 | -2.940 | -2.850 |
| | | 5775 | 1.330 | 0.440 | -1.540 | 1.930 |
| 30 | | 5210 | 1.540 | -2.460 | 5.150 | 1.690 |
| | | 5775 | 1.850 | 0.760 | -1.210 | 1.540 |
| 40 | | 5210 | 2.830 | 1.900 | 1.920 | -1.320 |
| | | 5775 | -18.150 | -19.250 | -19.180 | -18.150 |
| 50 | | 5210 | -3.770 | -5.120 | 3.030 | 2.860 |
| | | 5775 | 2.160 | 0.750 | 1.380 | -0.850 |
| 60 | | 5210 | -3.880 | 3.260 | -0.880 | -4.470 |
| | | 5775 | -2.100 | -1.560 | -0.990 | -1.750 |

# 7.6 AC POWER LINES CONDUCTED EMISSION

***Result*** ***Pass***

| | | |
|---|---|---|
| Test Specification | : | FCC Part 15 Section 15.207/RSS Gen Issue 5 Section 8.8 |
| Test Method | : | ANSI C 63.10-2013 |
| Testing Location | : | Screened room |
| Measurement Bandwidth | : | 9kHz |
| Frequency Range | : | 150kHz – 30MHz |
| Supply Voltage | : | 110VAC,60Hz |
| Test Method | : | Refer TEST METHODOLOGY |

**Limits of section 15.207**

| **Frequency of emission (MHz)** | **Conducted limit (dBµV)** | |
|---|---|---|
| | **Quasi-peak (dBµV)** | **Average (dBµV)** |
| 0.15-0.5 | 66-56* | 56-46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

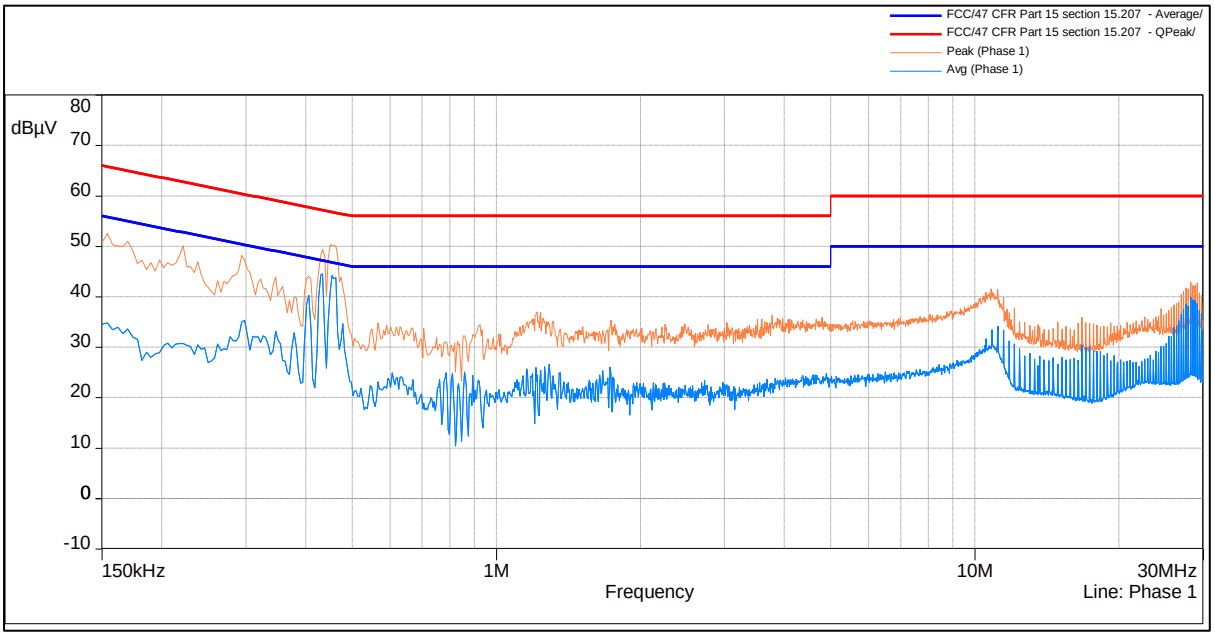
* Decreases with the logarithm of the frequency

**Test Conditions:**

Normal Temperature = +24°C Voltage (V norm) = 110V AC (Through POE Injector) RH = 64 %

## Test results:

### 110VAC-60Hz-Line



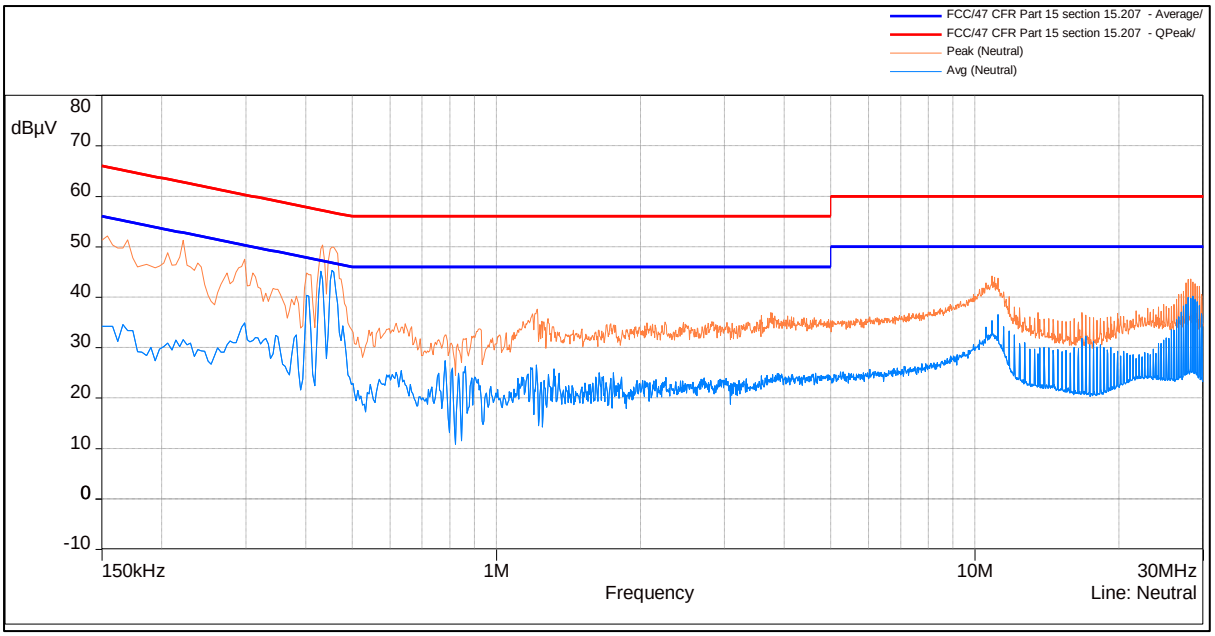

**Quasipeak:-**

| Frequency (MHz) | Level (dBµV) | Limit (dBµV) | Margin (dB) | Comments |
|---|---|---|---|---|
| 0.4486 | 48.49 | 56.88 | -8.39 | Pass |
| 0.42715 | 46.01 | 57.33 | -11.33 | Pass |
| 0.1545 | 48.83 | 65.78 | -16.95 | Pass |
| 28.2385 | 40.9 | 60 | -19.1 | Pass |
| 29.16825 | 39.67 | 60 | -20.33 | Pass |
| 11.17225 | 38.39 | 60 | -21.61 | Pass |
| 0.8544 | 30.76 | 56 | -25.24 | Pass |

**Average:-**

| Frequency (MHz) | Level (dBµV) | Limit (dBµV) | Margin (dB) | Comments |
|---|---|---|---|---|
| 0.42715 | 43.41 | 47.33 | -3.92 | Pass |
| 0.4486 | 40.76 | 46.88 | -6.11 | Pass |
| 28.2385 | 39.57 | 50 | -10.43 | Pass |
| 29.16825 | 38.14 | 50 | -11.86 | Pass |
| 11.17225 | 33.83 | 50 | -16.17 | Pass |
| 0.8544 | 24.99 | 46 | -21.01 | Pass |
| 0.1545 | 34.5 | 55.78 | -21.28 | Pass |

**110VAC-60Hz-Neutral:**




**Quasipeak:-**

| Frequency (MHz) | Level (dBµV) | Limit (dBµV) | Margin (dB) | Comments |
|---|---|---|---|---|
| 0.4507 | 48.73 | 56.88 | -8.15 | Pass |
| 0.2962 | 45.13 | 60.3 | -15.17 | Pass |
| 0.40425 | 42.27 | 57.73 | -15.46 | Pass |
| 0.1545 | 48.04 | 65.78 | -17.74 | Pass |
| 28.5496 | 41.21 | 60 | -18.79 | Pass |
| 27.92915 | 40.72 | 60 | -19.28 | Pass |
| 11.17315 | 40.1 | 60 | -19.9 | Pass |
| 1.2167 | 34.03 | 56 | -21.97 | Pass |

**Average:-**

| Frequency (MHz) | Level (dBµV) | Limit (dBµV) | Margin (dB) | Comments |
|---|---|---|---|---|
| 0.4507 | 43.37 | 46.88 | -3.51 | Pass |
| 0.40425 | 40.48 | 47.73 | -7.24 | Pass |
| 28.5496 | 39.97 | 50 | -10.03 | Pass |
| 27.92915 | 39.47 | 50 | -10.53 | Pass |
| 11.17315 | 35.39 | 50 | -14.61 | Pass |
| 0.2962 | 34.91 | 50.3 | -15.39 | Pass |
| 0.1545 | 33.72 | 55.78 | -22.06 | Pass |
| 1.2167 | 22.03 | 46 | -23.97 | Pass |

# 8 LIST OF TABLES

# 9 POWER LEVEL USED FOR TESTING

**Antenna Type & Antenna Gain: Omni Antenna & 12dBi**

| a-mode 6Mbps | |
|---|---|
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **a-mode 54Mbps** | |
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |

| n-mode HT20_MCS0 | |
|---|---|
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **n-mode HT20_MCS7** | |
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **n-mode HT40_MCS0** | |
| 5190 | 26 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **n-mode HT40_MCS7** | |
| 5190 | 20 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |

| ac-mode VHT40_MCS0 | |
|---|---|
| 5190 | 24 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 20 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ac_VHT80_MCS0** | |
| 5210 | 32 |
| 5775 | 32 |
| **ac_VHT80_MCS9** | |
| 5210 | 32 |
| 5775 | 32 |

| ax-mode HE20_HE0 | |
|---|---|
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ax-mode HE20_HE11** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |

| ax-mode HE40_HE0 | |
|---|---|
| 5190 | 32 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ax-mode HE40_HE11** | |
| 5190 | 32 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |

| ax-mode HE80_HE0 | |
|---|---|
| 5210 | 32 |
| 5775 | 32 |
| **ax-mode HE80_HE11** | |
| 5210 | 32 |
| 5775 | 32 |

**Antenna Type & Antenna Gain: Integrated Panel Antenna & 15dBi**

| a-mode 6Mbps | |
|---|---|
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **a-mode 54Mbps** | |
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |

| n-mode HT20_MCS0 | |
|---|---|
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **n-mode HT20_MCS7** | |
| 5180 | 28 |
| 5200 | 28 |
| 5240 | 28 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **n-mode HT40_MCS0** | |
| 5190 | 26 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **n-mode HT40_MCS7** | |
| 5190 | 20 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |

| ac-mode VHT40_MCS0 | |
|---|---|
| 5190 | 24 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 20 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ac_VHT80_MCS0** | |
| 5210 | 22 |
| 5775 | 32 |
| **ac_VHT80_MCS9** | |
| 5210 | 20 |
| 5775 | 32 |

| ax-mode HE20_HE0 | |
|---|---|
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |
| **ax-mode HE20_HE11** | |
| 5180 | 30 |
| 5200 | 30 |
| 5240 | 30 |
| 5745 | 32 |
| 5785 | 32 |
| 5825 | 32 |

| ax-mode HE40_HE0 | |
|---|---|
| 5190 | 24 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |
| **ax-mode HE40_HE11** | |
| 5190 | 20 |
| 5230 | 32 |
| 5755 | 32 |
| 5795 | 32 |

| ax-mode HE80_HE0 | |
|---|---|
| 5210 | 24 |
| 5775 | 32 |
| **ax-mode HE80_HE11** | |
| 5210 | 18 |
| 5775 | 32 |

**Antenna Type & Antenna Gain:** **Sector Antenna & 21dBi**

| a-mode 6Mbps | |
|---|---|
| 5180 | 24 |
| 5200 | 24 |
| 5240 | 24 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **a-mode 54Mbps** | |
| 5180 | 24 |
| 5200 | 24 |
| 5240 | 24 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |

| n-mode HT20_MCS0 | |
|---|---|
| 5180 | 16 |
| 5200 | 16 |
| 5240 | 16 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **n-mode HT20_MCS7** | |
| 5180 | 16 |
| 5200 | 16 |
| 5240 | 16 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **n-mode HT40_MCS0** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |
| **n-mode HT40_MCS7** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |

| ac-mode VHT40_MCS0 | |
|---|---|
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |
| **ac_VHT80_MCS0** | |
| 5210 | 20 |
| 5775 | 20 |
| **ac_VHT80_MCS9** | |
| 5210 | 20 |
| 5775 | 20 |

| ax-mode HE20_HE0 | |
|---|---|
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ax-mode HE20_HE11** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |

| ax-mode HE40_HE0 | |
|---|---|
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |
| **ax-mode HE40_HE11** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 30 |
| 5795 | 30 |

| ax-mode HE80_HE0 | |
|---|---|
| 5210 | 20 |
| 5775 | 20 |
| **ax-mode HE80_HE11** | |
| 5210 | 20 |
| 5775 | 20 |

**Antenna Type & Antenna Gain:** **Integrated Panel Antenna & 23dBi**

| a-mode 6Mbps | |
|---|---|
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **a-mode 54Mbps** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |

| n-mode HT20_MCS0 | |
|---|---|
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **n-mode HT20_MCS7** | |
| 5180 | 18 |
| 5200 | 18 |
| 5240 | 18 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **n-mode HT40_MCS0** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 28 |
| 5795 | 28 |
| **n-mode HT40_MCS7** | |
| 5190 | 20 |
| 5230 | 20 |
| 5755 | 28 |
| 5795 | 28 |

| ac-mode VHT40_MCS0 | |
|---|---|
| 5190 | 12 |
| 5230 | 12 |
| 5755 | 28 |
| 5795 | 28 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 12 |
| 5230 | 12 |
| 5755 | 28 |
| 5795 | 28 |
| **ac_VHT80_MCS0** | |
| 5210 | 12 |
| 5775 | 28 |
| **ac_VHT80_MCS9** | |
| 5210 | 12 |
| 5775 | 28 |

| ax-mode HE20_HE0 | |
|---|---|
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ax-mode HE20_HE11** | |
| 5180 | 20 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |

| ax-mode HE40_HE0 | |
|---|---|
| 5190 | 12 |
| 5230 | 12 |
| 5755 | 28 |
| 5795 | 28 |
| **ax-mode HE40_HE11** | |
| 5190 | 10 |
| 5230 | 10 |
| 5755 | 28 |
| 5795 | 28 |

| ax-mode HE80_HE0 | |
|---|---|
| 5210 | 12 |
| 5775 | 28 |
| **ax-mode HE80_HE11** | |
| 5210 | 12 |
| 5775 | 28 |

**Antenna Type & Antenna Gain:** **Panel Antenna & 28dBi**

| a-mode 6Mbps | |
|---|---|
| 5180 | 14 |
| 5200 | 16 |
| 5240 | 18 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **a-mode 54Mbps** | |
| 5180 | 16 |
| 5200 | 16 |
| 5240 | 18 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 13 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 13 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |

| n-mode HT20_MCS0 | |
|---|---|
| 5180 | 16 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **n-mode HT20_MCS7** | |
| 5180 | 13 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **n-mode HT40_MCS0** | |
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |
| **n-mode HT40_MCS7** | |
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |

| ac-mode VHT40_MCS0 | |
|---|---|
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |
| **ac_VHT80_MCS0** | |
| 5210 | 8 |
| 5775 | 20 |
| **ac_VHT80_MCS9** | |
| 5210 | 4 |
| 5775 | 20 |

| ax-mode HE20_HE0 | |
|---|---|
| 5180 | 14 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |
| **ax-mode HE20_HE11** | |
| 5180 | 13 |
| 5200 | 20 |
| 5240 | 20 |
| 5745 | 30 |
| 5785 | 30 |
| 5825 | 30 |

| ax-mode HE40_HE0 | |
|---|---|
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |
| **ax-mode HE40_HE11** | |
| 5190 | 10 |
| 5230 | 16 |
| 5755 | 30 |
| 5795 | 30 |

| ax-mode HE80_HE0 | |
|---|---|
| 5210 | 8 |
| 5775 | 20 |
| **ax-mode HE80_HE11** | |
| 5210 | 4 |
| 5775 | 20 |

**Antenna Type & Antenna Gain:** **Dish Antenna & 35dBi**

| **a-mode 6Mbps** | |
|---|---|
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **a-mode 54Mbps** | |
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **ac-mode VHT20_MCS0** | |
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **ac-mode VHT20_MCS8** | |
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |

| **n-mode HT20_MCS0** | |
|---|---|
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **n-mode HT20_MCS7** | |
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **n-mode HT40_MCS0** | |
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |
| **n-mode HT40_MCS7** | |
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |

| **ac-mode VHT40_MCS0** | |
|---|---|
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |
| **ac-mode VHT40_MCS9** | |
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |
| **ac_VHT80_MCS0** | |
| 5210 | 0 |
| 5775 | 14 |
| **ac_VHT80_MCS9** | |
| 5210 | 0 |
| 5775 | 14 |

| **ax-mode HE20_HE0** | |
|---|---|
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |
| **ax-mode HE20_HE11** | |
| 5180 | 0 |
| 5200 | 0 |
| 5240 | 0 |
| 5745 | 28 |
| 5785 | 28 |
| 5825 | 28 |

| **ax-mode HE40_HE0** | |
|---|---|
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |
| **ax-mode HE40_HE11** | |
| 5190 | 0 |
| 5230 | 0 |
| 5755 | 28 |
| 5795 | 28 |

| **ax-mode HE80_HE0** | |
|---|---|
| 5210 | 0 |
| 5775 | 14 |
| **ax-mode HE80_HE11** | |
| 5210 | 0 |
| 5775 | 14 |

***Note:** Above mentioned power level index updated as per the QRCT4 GUI Software provided by the manufacturer.

*****END OF TEST REPORT*****