

FCC PART 15E TEST REPORT FOR CERTIFICATION  
On Behalf of

Planet Computers Limited

Gemini

Gemini WiFi

FCC ID: 2A07Q-X600W1

Prepared for : Planet Computers Limited  
Suite #9, 56 Sloane Square, London, SW1W 8AX, United  
Kingdom

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
No. 6, Kefeng Road, Science & Technology Park,  
Nanshan District , Shenzhen, Guangdong, China

Tel: (0755) 26639496

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Date of Report : Apr.12, 2018

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## TEST REPORT CERTIFICATION

Applicant : Planet Computers Limited  
Manufacturer : Planet Computers Limited  
Product : Gemini  
FCC ID : 2A07Q-X600W1  
(A) Model No. : Gemini WiFi  
(B) Serial No. : N/A  
(C) Test Voltage : DC 5V From Adapter Input AC 120V/60Hz

Tested for comply with:  
FCC CFR47 Part 15 Subpart E

Test procedure used:  
ANSI C63.10: 2013  
KDB 789033 D02v02r01

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart E requirements. The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Jan.18~31, 2018 Report of date: Apr.12, 2018

Prepared by : Monica Liu Reviewed by : Sunny Lu  
Monica Liu / Assistant Sunny Lu / Deputy Manager



Approved & Authorized Signer : David Jin  
David Jin / Manager

## 1. SUMMARY OF STANDARDS AND RESULTS

### 1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| EMISSION                      |                        |         |
|-------------------------------|------------------------|---------|
| Description of Test Item      | Standard               | Results |
| Power Line Conducted Emission | FCC Part 15: 15.207    | PASS    |
| Radiated Emission             | FCC Part 15: 15.209    | PASS    |
| Band Edge Compliance          | FCC Part 15: 15.407    | PASS    |
| 6dB&26Bandwidth Test          | FCC Part 15: 15.407(a) | PASS    |
| Output Power Test             | FCC Part 15: 15.407(a) | PASS    |
| Power Spectral Density Test   | FCC Part 15: 15.407(a) | PASS    |
| Frequency Stability           | FCC Part 15: 15.407(g) | PASS    |
| Antenna requirement           | FCC Part 15: 15.203    | PASS    |

N/A is an abbreviation for Not Applicable.

## 2. GENERAL INFORMATION

### 2.1. Description of Device (EUT)

|                       |   |
|-----------------------|---|
| Product               | : Gemini  |
| Model No.             | : Gemini WiFi   |
| FCC ID                | : 2A07Q-X600W1  |
| Radio                 | : IEEE802.11 a/b/g/n/ac; Bluetooth V3.0+EDR; Bluetooth V4.0   |
| Operation Frequency   | : IEEE 802.11a: 5180MHz—5240MHz; 5745MHz—5825MHz<br>IEEE 802.11ac VHT20: 5180MHz—5240MHz; 5745MHz—5825MHz<br>IEEE 802.11ac VHT40: 5190MHz—5230MHz; 5755MHz—5795MHz<br>IEEE 802.11ac VHT80: 5210MHz; 5775MHz<br>IEEE 802.11b: 2412MHz—2462MHz<br>IEEE 802.11g: 2412MHz—2462MHz<br>IEEE802.11n HT20: 2412MHz—2462MHz; 5180MHz—5240MHz;<br>5745MHz—5825MHz<br>IEEE802.11n HT40: 2422MHz—2452MHz;<br>5190MHz—5230MHz; 5755MHz—5795MHz<br>Bluetooth : 2402-2480MHz |
| Modulation Technology | IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)<br>IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK)<br>IEEE 802.11ac VHT20, VHT40, VHT80: OFDM(16QAM, 64QAM, 256QAM, QPSK, BPSK)<br>IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM,QPSK,BPSK)<br>Bluetooth V3.0+EDR: GFSK, $\pi/4$ DQPSK,8-DPSK<br>Bluetooth V4.0:GFSK   |
| Antenna Assembly Gain | : Antenna Type: PIFA<br>Bluetooth: 2.0dBi<br>WIFI 2.4GHz: 2.0dBi<br>WIFI 5GHz: 0.42dBi  |
| Applicant             | : Planet Computers Limited<br>Suite #9, 56 Sloane Square, London, SW1W 8AX, United Kingdom  |
| Manufacturer          | : Planet Computers Limited<br>Suite #9, 56 Sloane Square, London, SW1W 8AX, United Kingdom  |
| Factory               | : SHENZHEN YIXU ELECTRONICS CO., LTD.<br>Building B, Area E, Yuwei, Qingxiang Rd, Longhua, Shenzhen   |
| Power Adapter         | : Manufacturer: Planet, M/N: TPA-10120125UUA-MTK;<br>Cable: Unshielded, Detachable, 1.0m  |
| USB Cable             | : Shielded, Detachable, 0.8m  |
| Date of Test          | : Jan.18~31, 2018   |
| Date of Receipt       | : Dec.26, 2017  |
| Sample Type           | : Prototype production  |

### 2.2. Test Information

A special test software was used to control EUT work in Continuous TX mode (The duty cycle of the test signal is 100%), and select test channel, wireless mode and data rate.

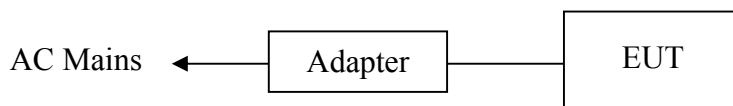
| Tested mode, channel, and data rate information |                            |               |                 |
|---|----------------------------|---------------|-----------------|
| Mode  | data rate (Mbps)(see Note) | Channel       | Frequency (MHz) |
| IEEE 802.11a                                    | 6                          | Low :CH36     | 5180            |
|   | 6                          | Middle: CH40  | 5200            |
|   | 6                          | High: CH48    | 5240            |
|   | 6                          | Low :CH149    | 5745            |
|   | 6                          | Middle: CH157 | 5785            |
|   | 6                          | High: CH165   | 5825            |
| IEEE 802.11nHT20                                | MCS0                       | Low :CH36     | 5180            |
|   | MCS0                       | Middle: CH40  | 5200            |
|   | MCS0                       | High: CH48    | 5240            |
|   | MCS0                       | Low :CH149    | 5745            |
|   | MCS0                       | Middle: CH157 | 5785            |
|   | MCS0                       | High: CH165   | 5825            |
| IEEE 802.11nHT40                                | MCS0                       | Low :CH38     | 5190            |
|   | MCS0                       | High: CH46    | 5230            |
|   | MCS0                       | Low :CH151    | 5755            |
|   | MCS0                       | High: CH159   | 5795            |
| IEEE 802.11acVHT20                              | MCS0                       | Low :CH36     | 5180            |
|   | MCS0                       | Middle: CH40  | 5200            |
|   | MCS0                       | High: CH48    | 5240            |
|   | MCS0                       | Low :CH149    | 5745            |
|   | MCS0                       | Middle: CH157 | 5785            |
|   | MCS0                       | High: CH165   | 5825            |
| IEEE 802.11acVHT40                              | MCS0                       | Low :CH38     | 5190            |
|   | MCS0                       | High: CH46    | 5230            |
|   | MCS0                       | Low :CH151    | 5755            |
|   | MCS0                       | High: CH159   | 5795            |
| IEEE 802.11acVHT80                              | MCS0                       | CH42          | 5210            |
|   | MCS0                       | CH155         | 5775            |

Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

### 2.3. Tested Supporting System Details

[None]

### 2.4. Block diagram of connection between the EUT and simulators



**(EUT: Gemini)**

**2.5. Test Facility**

Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.  
 No. 6, Kefeng Road, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China

EMC Lab. : Certified by Industry Canada  
 Registration Number: IC 5183A-1  
 Valid Date: May.07, 2020

: Certified by DAkkS, Germany  
 Registration No: D-PL-12151-01-00  
 Valid Date: Dec.07, 2021

: Accredited by NVLAP, USA  
 NVLAP Code: 200372-0  
 Valid Date: Mar.31, 2018

: Certified by FCC, USA  
 Designation Number: CN5022  
 Valid Date: Mar.31, 2018

**2.6. Measurement Uncertainty (95% confidence levels, k=2)**

| Test Item   | Uncertainty                        |
|---|------------------------------------|
| Uncertainty for Conduction emission test in No. 1 Conduction  | 3.6dB (150KHz to 30MHz)            |
| Uncertainty for Radiation Emission test in 3m chamber         | 2.8dB (30~200MHz, Polarization: H) |
|   | 2.8dB (30~200MHz, Polarization: V) |
|   | 3.0dB (200M~1GHz, Polarization: H) |
|   | 3.0dB (200M~1GHz, Polarization: V) |
| Uncertainty for Radiation Emission test in 3m chamber         | 5.6dB (1~6GHz, Distance: 3m)       |
|   | 5.8dB (6~18GHz, Distance: 3m)      |
|   | 5.8dB (Above 18GHz, Distance: 3m)  |
| Uncertainty for Radiated Spurious Emission test in RF chamber | 3.7dB(30MHz~1000MHz)               |
|   | 3.3dB(1GHz~26.5GHz)                |
| Uncertainty for Conduction Spurious emission test             | 2.0dB                              |
| Uncertainty for Output power test                             | 0.8dB                              |
| Uncertainty for Bandwidth test                                | 83 kHz                             |
| Uncertainty for DC power test                                 | 0.1 %                              |
| Uncertainty for test site temperature and humidity            | 0.6°C                              |
|   | 3%                                 |



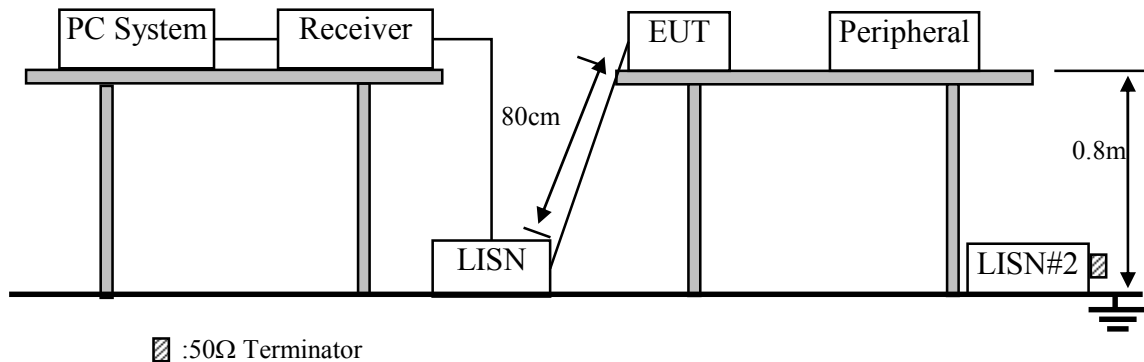
### 3. POWER LINE CONDUCTED EMISSION TEST

#### 3.1. Test Equipments

| Item | Equipment         | Manufacturer    | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|-----------------|-----------|------------|-----------|---------------|
| 1.   | 1# Shielding Room | AUDIX           | N/A       | N/A        | Apr.17,17 | 1 Year        |
| 2.   | Test Receiver     | Rohde & Schwarz | ESCI      | 100842     | Apr.22,17 | 1 Year        |
| 3.   | L.I.S.N.          | Rohde & Schwarz | ENV216    | 102160     | Mar.06.17 | 1 Year        |
| 4.   | L.I.S.N.#2        | Kyoritsu        | K NW-403D | 8-1750-2   | Apr.22,17 | 1 Year        |
| 5.   | I.S.N.            | TESEQ           | S751      | 24559      | Mar.06.17 | 1.year        |
| 6.   | Terminator        | Hubersuhner     | 50Ω       | No.1       | Apr.23,17 | 1 Year        |
| 7.   | Terminator        | Hubersuhner     | 50Ω       | No.2       | Apr.23,17 | 1 Year        |
| 8.   | RF Cable          | Fujikura        | RG55/U    | NO.2       | Apr.22,17 | 1Year         |
| 9.   | Coaxial Switch    | Anritsu         | MP59B     | 6201397223 | Apr.22,17 | 1 Year        |
| 10.  | Test Software     | AUDIX           | e3        | 6.100913a  | N/A       | N/A           |

Note: N/A means Not applicable.

#### 3.2. Block Diagram of Test Setup



#### 3.3. Power Line Conducted Emission Test Limits

| Frequency       | Maximum RF Line Voltage    |                         |
|-----------------|----------------------------|-------------------------|
|                 | Quasi-Peak Level<br>dB(μV) | Average Level<br>dB(μV) |
| 150kHz ~ 500kHz | 66 ~ 56*                   | 56 ~ 46*                |
| 500kHz ~ 5MHz   | 56                         | 46                      |
| 5MHz ~ 30MHz    | 60                         | 50                      |

Notes: 1. \* Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

### 3.4. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

#### 3.4.1. Gemini (EUT)

Model No. : Gemini WiFi  
Serial No. : N/A

3.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

### 3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipments.

3.5.3. PC run test software to control EUT work in Tx mode.

### 3.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via PC connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Test.

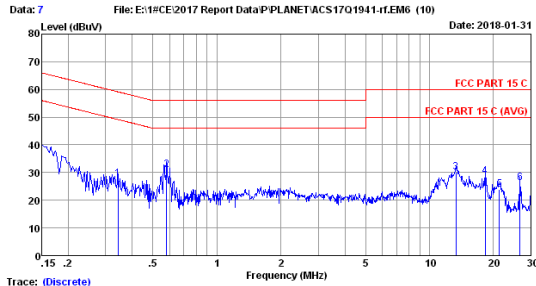
The bandwidth of test receiver (R & S ESCI) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

### 3.7. Power Line Conducted Emission Test Results

**PASS.** (All emissions not reported below are too low against the prescribed limits.)

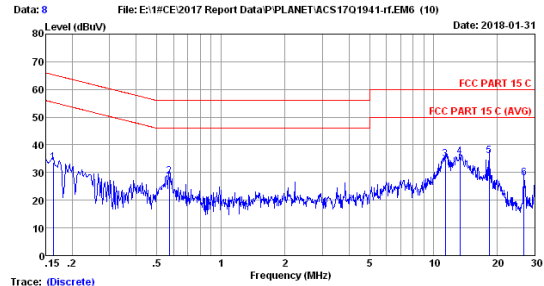
5180-5240MHz Band:



Trace: (Discrete)  
 Site no :1# CE Data No :7  
 Dis./Lisn :2017 LISN ENV216-L LISN phase:  
 Limit :FCC PART 15 C  
 Env./Ins. :21.5°C/53% Engineer :Garry  
 EUT :Gemini M/N:Gemini WiFi  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :WiFi 5G band1 TX

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|--------|
| 1  | 0.343      | 9.22             | 0.03            | 18.40          | 27.55                 | 59.13         | 31.48       | QP     |
| 2  | 0.579      | 9.50             | 0.03            | 21.54          | 31.07                 | 56.00         | 24.93       | QP     |
| 3  | 13.337     | 9.58             | 0.12            | 20.54          | 30.24                 | 60.00         | 29.76       | QP     |
| 4  | 18.232     | 9.69             | 0.12            | 18.80          | 28.61                 | 60.00         | 31.39       | QP     |
| 5  | 21.260     | 9.75             | 0.13            | 14.07          | 23.95                 | 60.00         | 36.05       | QP     |
| 6  | 26.699     | 9.80             | 0.13            | 16.44          | 26.37                 | 60.00         | 33.63       | QP     |

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.  
 2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

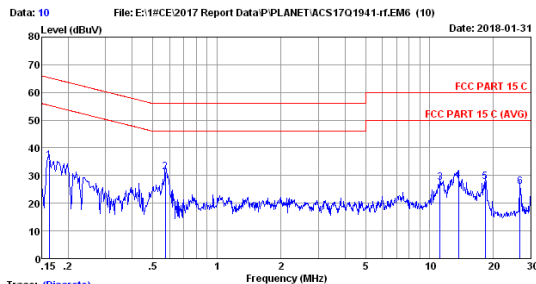


Trace: (Discrete)  
 Site no :1# CE Data No :8  
 Dis./Lisn :2017 LISN ENV216-N LISN phase:  
 Limit :FCC PART 15 C  
 Env./Ins. :21.5°C/53% Engineer :Garry  
 EUT :Gemini M/N:Gemini WiFi  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :WiFi 5G band1 TX

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|--------|
| 1  | 0.162      | 9.48             | 0.02            | 24.03          | 33.53                 | 65.34         | 31.81       | QP     |
| 2  | 0.573      | 9.31             | 0.03            | 19.34          | 28.68                 | 56.00         | 27.32       | QP     |
| 3  | 11.377     | 9.47             | 0.11            | 25.32          | 34.90                 | 60.00         | 25.10       | QP     |
| 4  | 13.337     | 9.49             | 0.12            | 26.22          | 35.83                 | 60.00         | 24.17       | QP     |
| 5  | 18.232     | 9.61             | 0.12            | 26.38          | 36.11                 | 60.00         | 23.89       | QP     |
| 6  | 26.699     | 9.79             | 0.13            | 16.06          | 27.98                 | 60.00         | 32.02       | QP     |

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.  
 2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

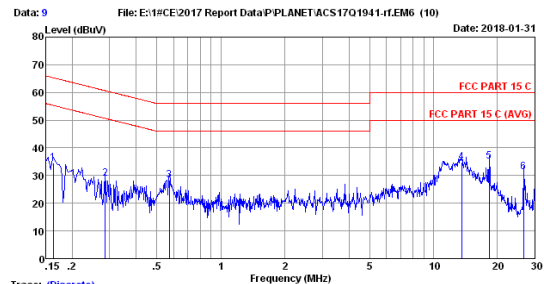
5745-5825MHz Band:



Trace: (Discrete)  
 Site no :1# CE Data No :10  
 Dis./Lisn :2017 LISN ENV216-L LISN phase:  
 Limit :FCC PART 15 C  
 Env./Ins. :21.5°C/53% Engineer :Garry  
 EUT :Gemini M/N:Gemini WiFi  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :WiFi 5G band4 TX

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|--------|
| 1  | 0.162      | 9.52             | 0.02            | 25.85          | 35.39                 | 65.34         | 29.95       | QP     |
| 2  | 0.573      | 9.50             | 0.03            | 21.71          | 31.24                 | 56.00         | 24.76       | QP     |
| 3  | 11.198     | 9.57             | 0.11            | 17.72          | 27.40                 | 60.00         | 32.60       | QP     |
| 4  | 13.551     | 9.58             | 0.12            | 18.59          | 28.29                 | 60.00         | 31.71       | QP     |
| 5  | 18.232     | 9.69             | 0.12            | 17.91          | 27.72                 | 60.00         | 32.28       | QP     |
| 6  | 26.699     | 9.80             | 0.13            | 16.17          | 26.10                 | 60.00         | 33.90       | QP     |

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.  
 2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Trace: (Discrete)  
 Site no :1# CE Data No :9  
 Dis./Lisn :2017 LISN ENV216-N LISN phase:  
 Limit :FCC PART 15 C  
 Env./Ins. :21.5°C/53% Engineer :Garry  
 EUT :Gemini M/N:Gemini WiFi  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :WiFi 5G band4 TX

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|--------|
| 1  | 0.162      | 9.48             | 0.02            | 24.98          | 34.48                 | 65.34         | 30.86       | QP     |
| 2  | 0.286      | 9.42             | 0.03            | 19.60          | 29.05                 | 60.63         | 31.58       | QP     |
| 3  | 0.573      | 9.31             | 0.03            | 19.02          | 28.36                 | 56.00         | 27.64       | QP     |
| 4  | 13.551     | 9.49             | 0.12            | 25.14          | 34.75                 | 60.00         | 25.25       | QP     |
| 5  | 18.232     | 9.61             | 0.12            | 25.48          | 35.21                 | 60.00         | 24.79       | QP     |
| 6  | 26.558     | 9.78             | 0.13            | 21.44          | 31.35                 | 60.00         | 28.65       | QP     |

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.  
 2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

## 4. RADIATED EMISSION TEST

### 4.1. Test Equipment

#### 4.1.1. For frequency range 30 MHz ~1000MHz (In 3m Anechoic Chamber)

| Item | Equipment                | Manufacturer    | Model No.   | Serial No.      | Last Cal. | Cal. Interval |
|------|--------------------------|-----------------|-------------|-----------------|-----------|---------------|
| 1.   | 3#Chamber                | AUDIX           | N/A         | N/A             | Mar.28,17 | 1 Year        |
| 2.   | Signal Analyzer          | R&S             | FSV30       | 103669          | Oct.15,17 | 1 Year        |
| 3.   | EMI Test Receiver        | Rohde & Schwarz | ESR7        | 101547          | Apr.22,17 | 1 Year        |
| 4.   | Amplifier                | HP              | 8447D       | 2648A04738      | Apr.22,17 | 1 Year        |
| 5.   | Trilog-Broadband Antenna | SCHWARZBECK     | VULB 9168   | 493             | Jun.27.17 | 1 Year        |
| 6.   | Loop Antenna             | Chase           | HLA6120     | 1062            | Oct.15,17 | 1 Year        |
| 7.   | RF Cable                 | MIYAZAKI        | CFD400NL-LW | No.3            | Sep.02.17 | 1 Year        |
| 8.   | Coaxial Switch           | Anritsu         | MP59B       | 6201397222      | Apr.22,17 | 1 Year        |
| 9.   | Test Software            | AUDIX           | e3          | 6.2009-5-21a(n) | N/A       | N/A           |

Note: N/A means Not applicable.

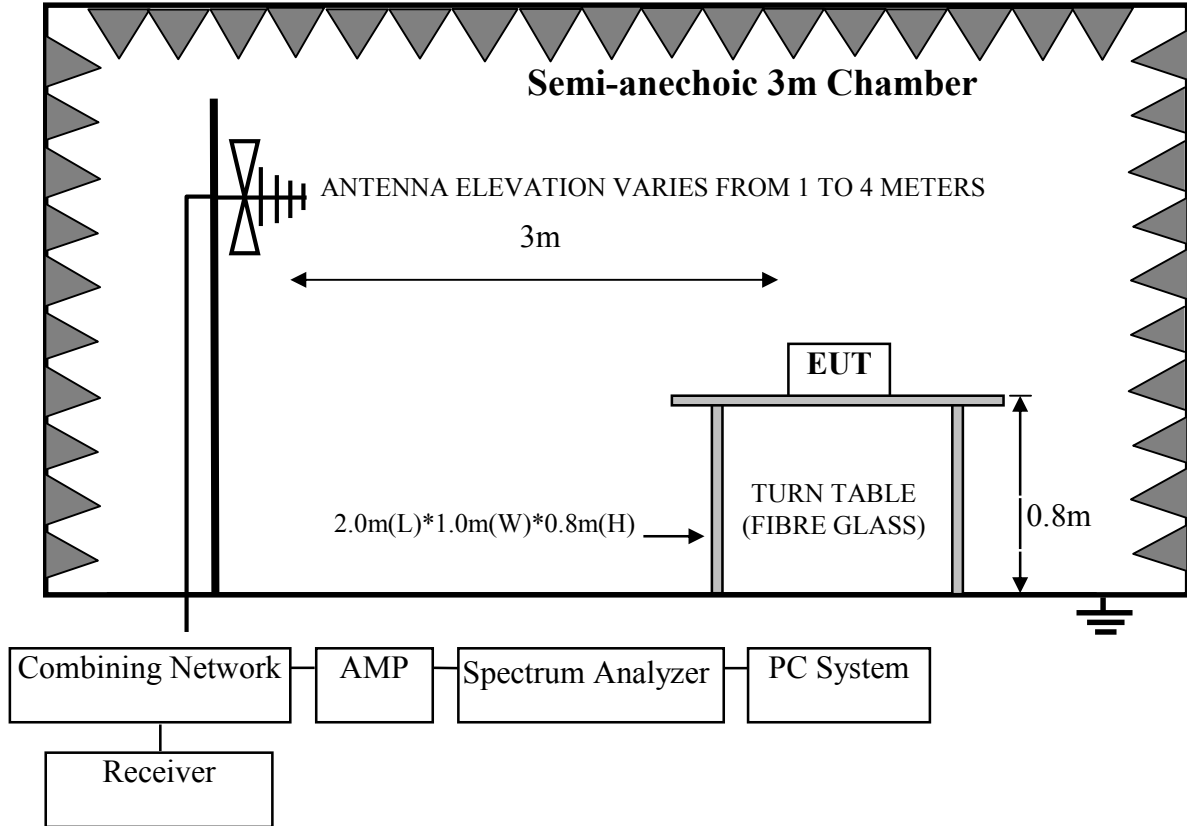
#### 4.1.2. For frequency range 1GHz~40GHz (In 3m Anechoic Chamber)

| Item | Equipment         | Manufacturer | Model No.   | Serial No.      | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-------------|-----------------|-----------|---------------|
| 1.   | Spectrum Analyzer | Agilent      | E4446A      | US44300459      | Apr.22,17 | 1 Year        |
| 2.   | Horn Antenna      | ETC          | MCTD 1209   | DRH15F03006     | May.15,17 | 1 Year        |
| 3.   | Amplifier         | Agilent      | 8449B       | 3008A02495      | Apr.22,17 | 1 Year        |
| 4.   | RF Cable          | Hubersuhner  | SUCOFLEX104 | 274094/4        | Apr.22,17 | 1 Year        |
| 5.   | Horn Antenna      | EMCO         | 3116        | 0062643         | Oct.10,17 | 1 Year        |
| 6.   | Test Software     | AUDIX        | e3          | 6.2009-5-21a(n) | N/A       | N/A           |

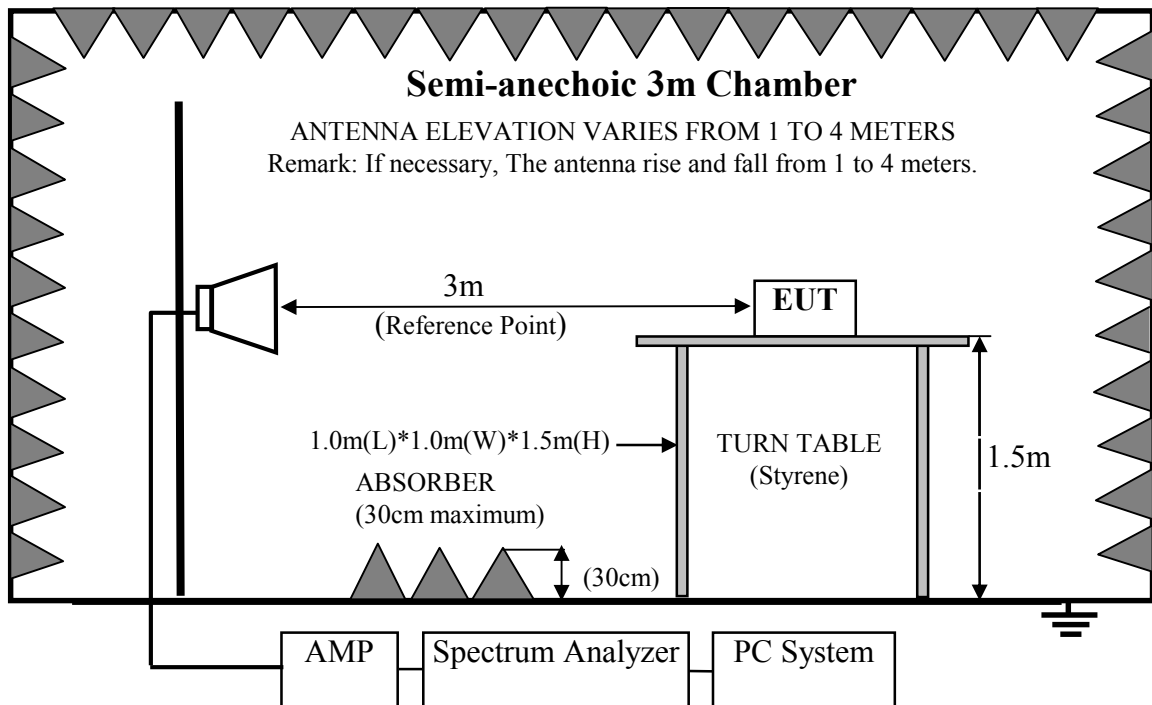
Note: N/A means Not applicable.

### 4.2. Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-40GHz



### 4.3. Radiated Emission Limit

For transmitters operating in the 5.15-5.25 GHz; 5.25-5.35GHz; 5.47-5.725GHz, 5.725-5.850GHz band: all emissions outside of those band shall not exceed an EIRP of -27 dBm/MHz. Unwanted emissions below 1 GHz and those emissions appearing within 15.205 restricted frequency bands must comply with the general field strength limits set forth in Section 15.209

#### 4.3.1. 15.209 limits

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT                           |          |
|------------------|--------------------|---|----------|
|                  |                    | μV/m  | dB(μV)/m |
| 30 ~ 88          | 3                  | 100   | 40.0     |
| 88 ~ 216         | 3                  | 150   | 43.5     |
| 216 ~ 960        | 3                  | 200   | 46.0     |
| 960 ~ 1000       | 3                  | 500   | 54.0     |
| Above 1000       | 3                  | 74.0 dB(μV)/m (Peak)<br>54.0 dB(μV)/m (Average) |          |

- Remarks :
- (1) Emission level dBμV = 20 log Emission level μV/m
  - (2) The smaller limit shall apply at the cross point between two frequency bands.
  - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

#### 4.3.2. 15.205 Restricted bands of operation

| MHz                 | MHz                   | MHz             | GHz              |
|---------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110       | 16.42 - 16.423        | 399.9 - 410     | 4.5 - 5.15       |
| 0.495 - 0.505       | 16.69475 - 16.69525   | 608 - 614       | 5.35 - 5.46      |
| 2.1735 - 2.1905     | 16.80425 - 16.80475   | 960 - 1240      | 7.25 - 7.75      |
| 4.125 - 4.128       | 25.5 - 25.67          | 1300 - 1427     | 8.025 - 8.5      |
| 4.17725 - 4.17775   | 37.5 - 38.25          | 1435 - 1626.5   | 9.0 - 9.2        |
| 4.20725 - 4.20775   | 73 - 74.6             | 1645.5 - 1646.5 | 9.3 - 9.5        |
| 6.215 - 6.218       | 74.8 - 75.2           | 1660 - 1710     | 10.6 - 12.7      |
| 6.26775 - 6.26825   | 108 - 121.94          | 1718.8 - 1722.2 | 13.25 - 13.4     |
| 6.31175 - 6.31225   | 123 - 138             | 2200 - 2300     | 14.47 - 14.5     |
| 8.291 - 8.294       | 149.9 - 150.05        | 2310 - 2390     | 15.35 - 16.2     |
| 8.362 - 8.366       | 156.52475 - 156.52525 | 2483.5 - 2500   | 17.7 - 21.4      |
| 8.37625 - 8.38675   | 156.7 - 156.9         | 2690 - 2900     | 22.01 - 23.12    |
| 8.41425 - 8.41475   | 162.0125 - 167.17     | 3260 - 3267     | 23.6 - 24.0      |
| 12.29 - 12.293      | 167.72 - 173.2        | 3332 - 3339     | 31.2 - 31.8      |
| 12.51975 - 12.52025 | 240 - 285             | 3345.8 - 3358   | 36.43 - 36.5     |
| 12.57675 - 12.57725 | 322 - 335.4           | 3600 - 4400     | ( <sup>2</sup> ) |

### 4.4. EUT Configuration on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

#### 4.4.1. Gemini (EUT)

Model No. : Gemini WiFi  
Serial No. : N/A

#### 4.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

#### 4.5. Operating Condition of EUT

- 4.5.1. Setup the EUT and simulator as shown as Section 4.2.
- 4.5.2. Turn on the power of all equipments.
- 4.5.3. Let EUT work in Tx mode.

#### 4.6. Test Procedure

##### **Frequency below 30MHz:**

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground for frequency 30MHz~1000MHz, 1.5 meter high above ground for frequency above 1GHz and put the absorbing with 2.4m(L)\*2.4m(W)\*0.3m(H) on the ground . The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna for frequency 30MHz~1000MHz, and the Horn antenna is used as receiving antenna for frequency above 1GHz. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.10-2013 on radiated emission Test.

For emissions below 1GHz and those emissions appearing within 15.205 restricted frequency bands use below procedure:

The bandwidth of the EMI test receiver (R&S ESR7) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

For the emissions above 1GHz and not appearing within 15.205 restricted frequency bands use below procedure:

- (1). The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
- (2). The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
- (3). A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
- (4). Repeated step 4 with both antenna polarizations
- (5). The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna. or use procedure (6).

- (6). Per KDB789033 clause H 2)d.if the test distance is 3m,the EIRP(dBm)=E(dBuv/m)-95.2  
Get the result of all unwanted emission outside the restricted band is less than the  
-27dBm/MHz.  
We had checked frequency range that is 30MHz to 10<sup>th</sup> harmonic (40GHz) and no any  
emissions were found from 18GHz to 40GHz, so the radiated emission from 18GHz to  
40GHz were not record.

#### 4.7.Radiated Emission Test Results

**PASS.**

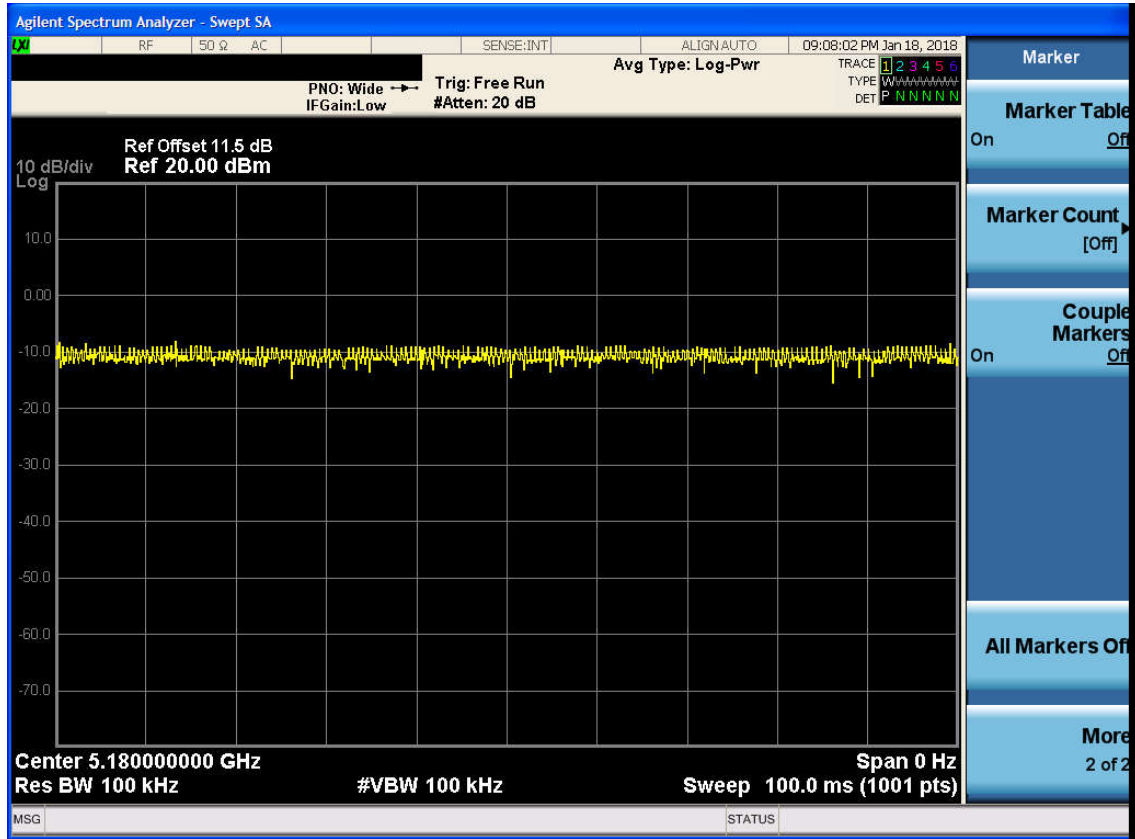
All the emissions from 30MHz to 1 GHz were comply with 15.209 limits.

All other emission comply with 15.407 (b)(1) requirements.

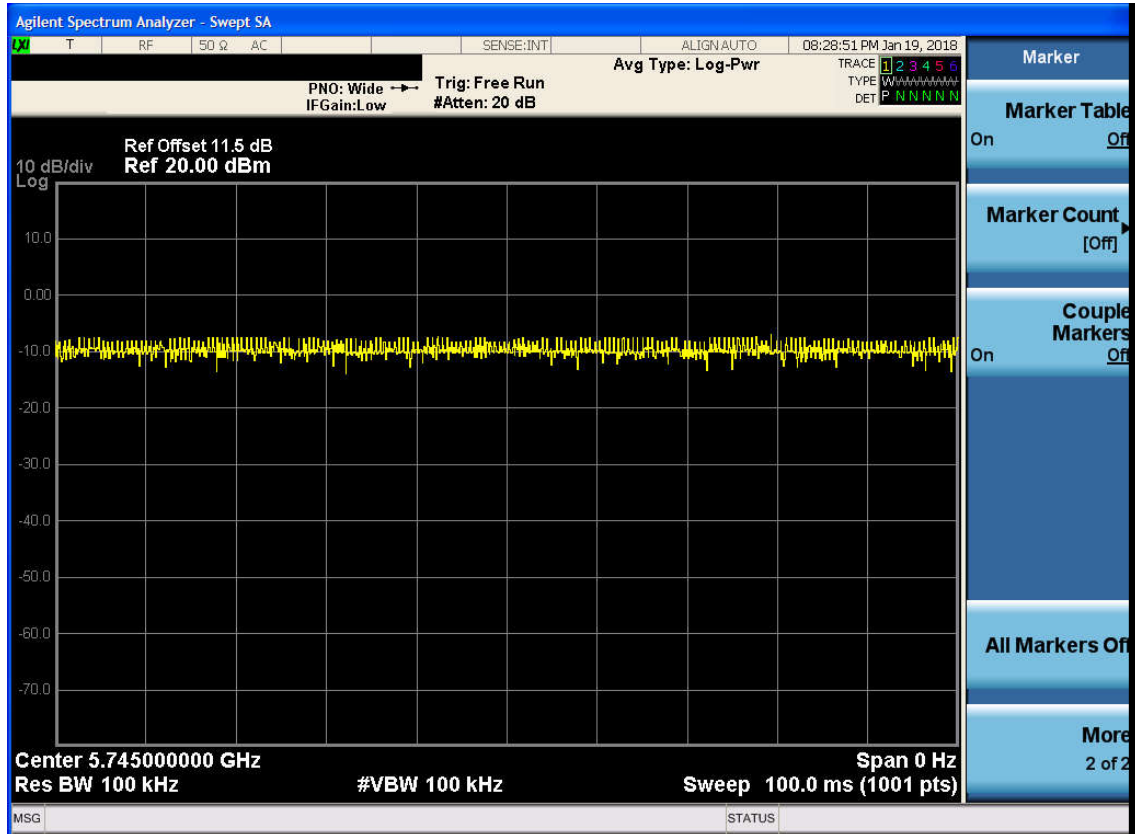
Note: The emissions (9kHz~30MHz) not reported for there is no emission be found.



**Duty cycle**  
**5180-5240MHz Band:**

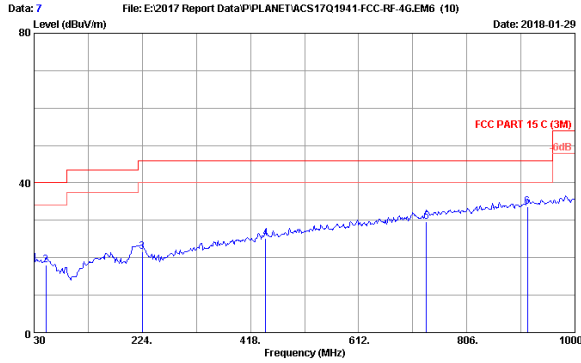


**5745-5825MHz Band:**



**Note: The duty cycle of the test signal is 100%.**

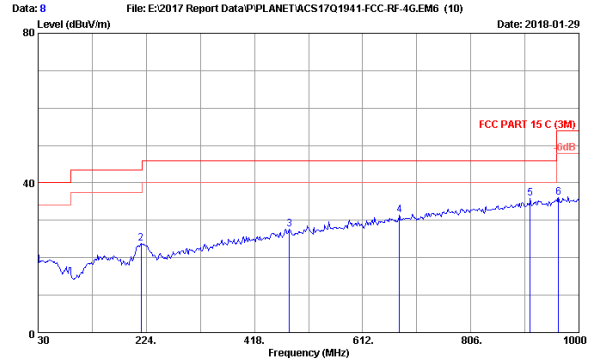
**5180-5240MHz Band:**  
**Frequency: 30MHz~1GHz**



Site no. : 3m Chamber Data no. : 7  
 Dis. / Ant. : 3m 2017 9168-493 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 23.7°C/52% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DCSV From Adapter input AC 120V/60Hz  
 Test Mode : WIFISG TX band1

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1   | 30.000      | 19.40              | 0.63            | 0.08           | 20.11                   | 40.00           | 19.89       | QP     |
| 2   | 51.340      | 20.31              | 0.78            | -3.01          | 18.08                   | 40.00           | 21.92       | QP     |
| 3   | 224.000     | 17.14              | 1.79            | 2.66           | 21.59                   | 46.00           | 24.41       | QP     |
| 4   | 445.180     | 23.06              | 3.02            | -0.81          | 25.27                   | 46.00           | 20.73       | QP     |
| 5   | 733.250     | 27.60              | 4.26            | -2.21          | 29.65                   | 46.00           | 16.35       | QP     |
| 6   | 914.640     | 29.63              | 5.15            | -1.11          | 33.67                   | 46.00           | 12.33       | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

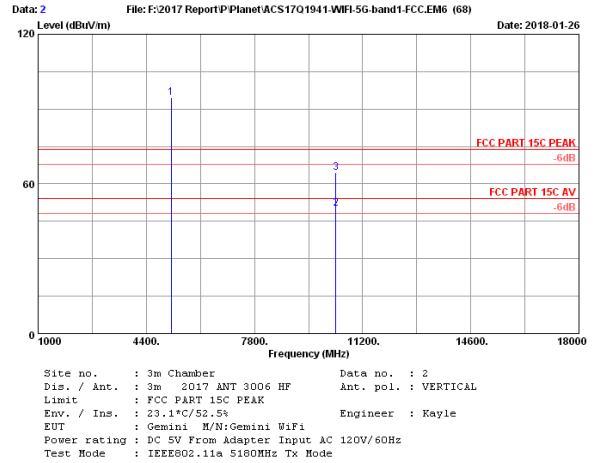
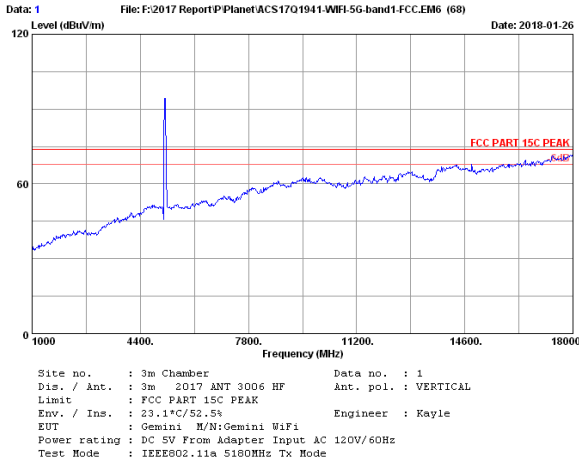


Site no. : 3m Chamber Data no. : 8  
 Dis. / Ant. : 3m 2017 9168-493 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 23.7°C/52% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DCSV From Adapter input AC 120V/60Hz  
 Test Mode : WIFISG TX band1

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1   | 30.000      | 19.40              | 0.63            | 1.64           | 21.67                   | 40.00           | 18.33       | QP     |
| 2   | 214.300     | 16.90              | 1.73            | 5.13           | 23.76                   | 43.50           | 19.74       | QP     |
| 3   | 481.050     | 23.73              | 3.13            | 0.87           | 27.73                   | 46.00           | 18.27       | QP     |
| 4   | 677.960     | 26.91              | 4.03            | 0.44           | 31.38                   | 46.00           | 14.62       | QP     |
| 5   | 912.700     | 29.61              | 5.14            | 1.07           | 35.82                   | 46.00           | 10.18       | QP     |
| 6   | 963.140     | 30.07              | 5.36            | 0.69           | 36.12                   | 54.00           | 17.88       | QP     |

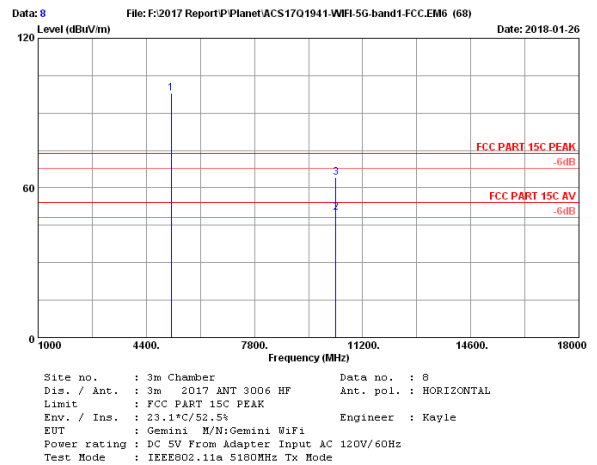
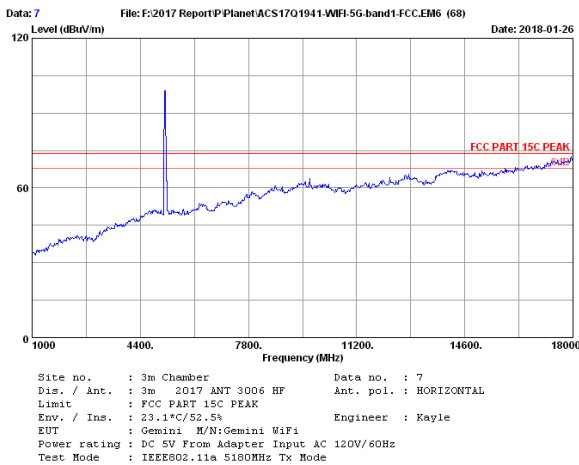
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Frequency: 1GHz~18GHz



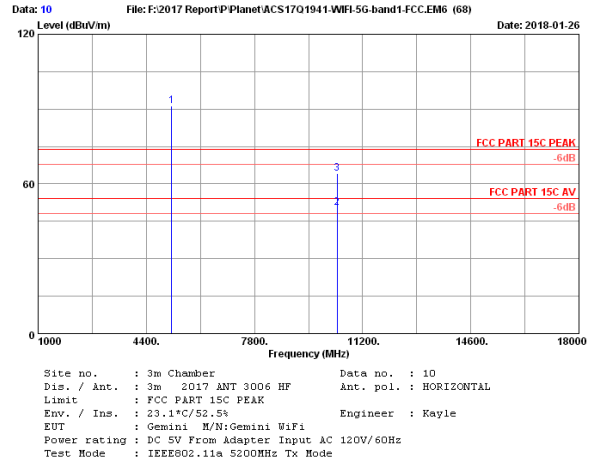
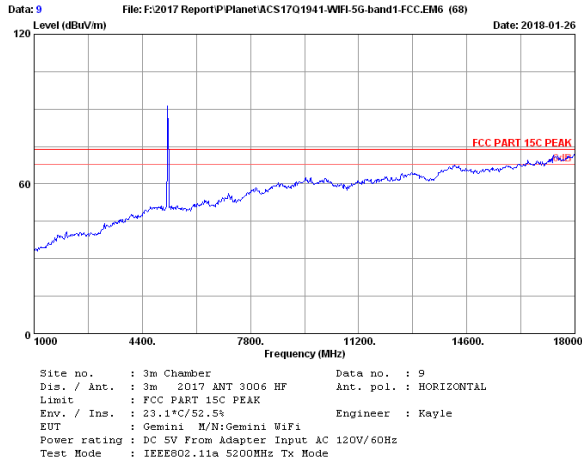
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5180.00     | 33.47              | 15.18           | 79.97          | 33.91           | 94.71                   | 74.00           | -20.71      | Peak    |
| 2   | 10360.00    | 38.29              | 20.23           | 27.24          | 35.58           | 50.18                   | 54.00           | 3.82        | Average |
| 3   | 10360.00    | 38.29              | 20.23           | 41.55          | 35.58           | 64.49                   | 74.00           | 9.51        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



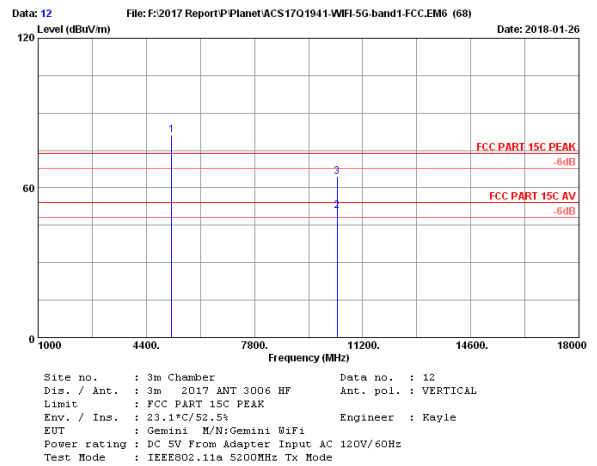
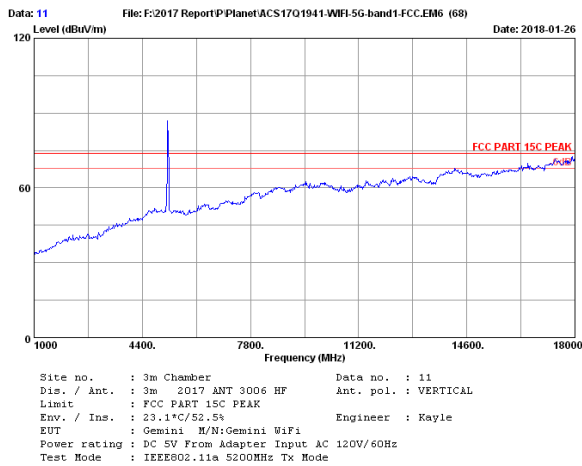
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5180.00     | 33.47              | 15.18           | 83.25          | 33.91           | 97.99                   | 74.00           | -23.99      | Peak    |
| 2   | 10360.00    | 38.29              | 20.23           | 27.33          | 35.58           | 50.27                   | 54.00           | 3.73        | Average |
| 3   | 10360.00    | 38.29              | 20.23           | 41.23          | 35.58           | 64.17                   | 74.00           | 9.83        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



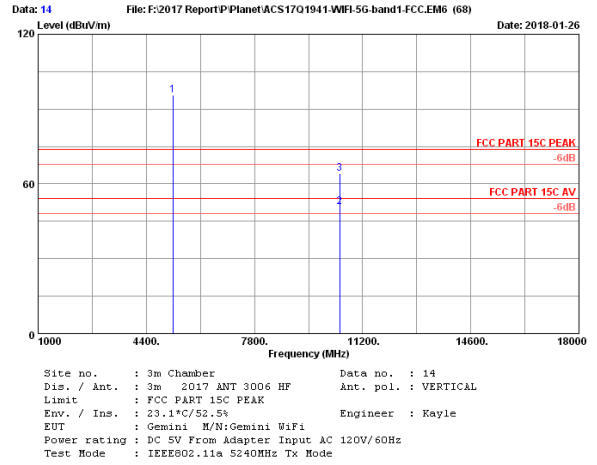
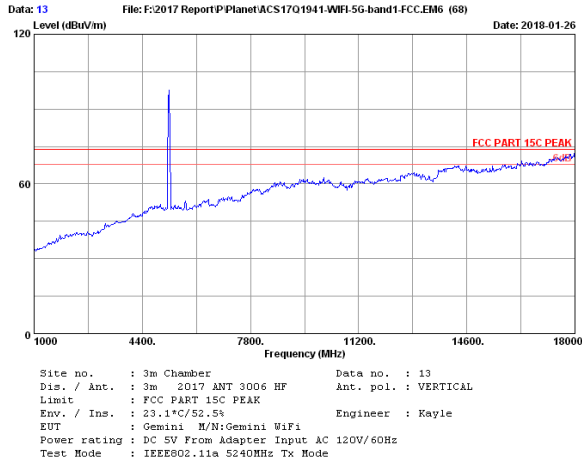
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5200.00     | 33.44              | 15.22           | 76.55          | 33.95           | 91.26                   | 74.00           | -17.26      | Peak    |
| 2   | 10400.00    | 38.34              | 20.22           | 27.87          | 35.80           | 50.63                   | 54.00           | 3.37        | Average |
| 3   | 10400.00    | 38.34              | 20.22           | 41.37          | 35.80           | 64.13                   | 74.00           | 9.87        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



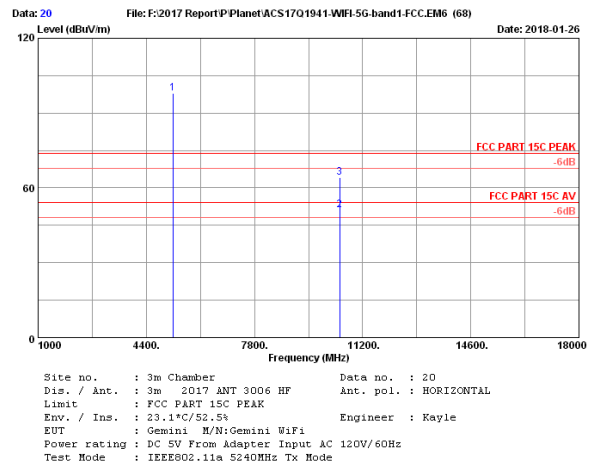
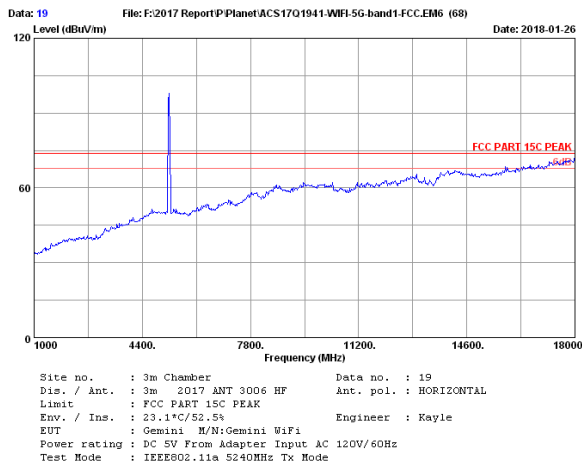
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5200.00     | 33.44              | 15.22           | 66.57          | 33.95           | 81.28                   | 74.00           | -7.28       | Peak    |
| 2   | 10400.00    | 38.34              | 20.22           | 27.94          | 35.80           | 50.70                   | 54.00           | 3.30        | Average |
| 3   | 10400.00    | 38.34              | 20.22           | 41.65          | 35.80           | 64.41                   | 74.00           | 9.59        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



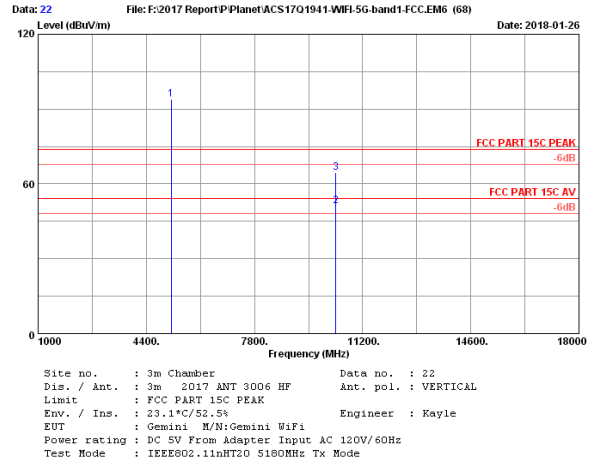
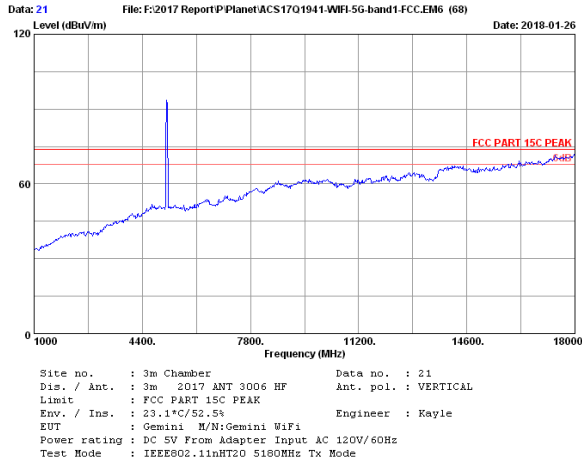
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5240.00     | 33.38              | 15.30           | 80.77          | 33.99           | 95.46                   | 74.00           | -21.46      | Peak    |
| 2   | 10480.00    | 38.47              | 20.20           | 28.42          | 36.13           | 50.96                   | 54.00           | 3.04        | Average |
| 3   | 10480.00    | 38.47              | 20.20           | 41.58          | 36.13           | 64.12                   | 74.00           | 9.88        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



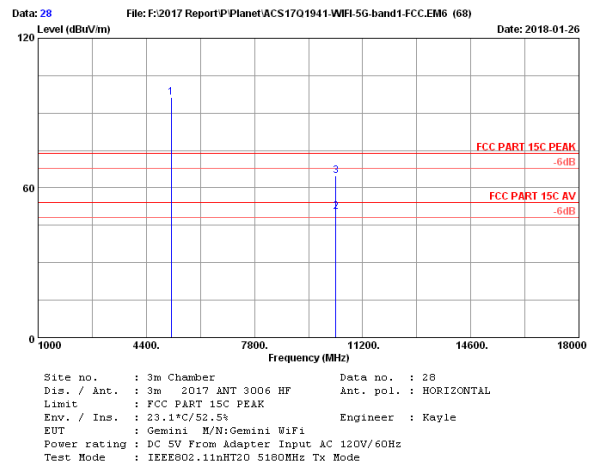
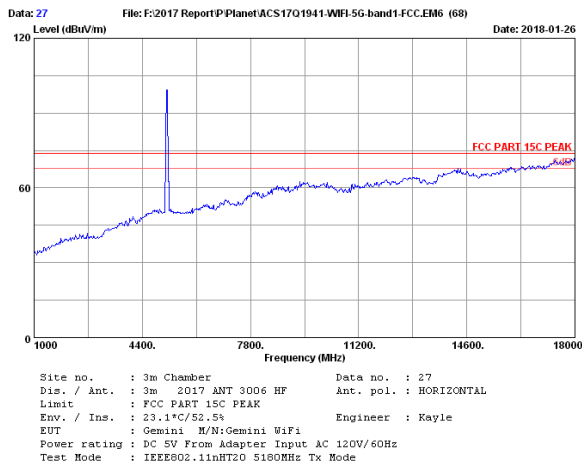
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5240.00     | 33.38              | 15.30           | 83.38          | 33.99           | 98.07                   | 74.00           | -24.07      | Peak    |
| 2   | 10480.00    | 38.47              | 20.20           | 28.65          | 36.13           | 51.19                   | 54.00           | 2.81        | Average |
| 3   | 10480.00    | 38.47              | 20.20           | 41.69          | 36.13           | 64.23                   | 74.00           | 9.77        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



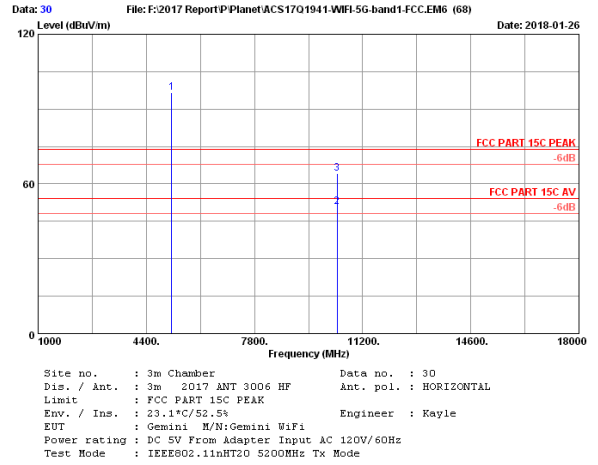
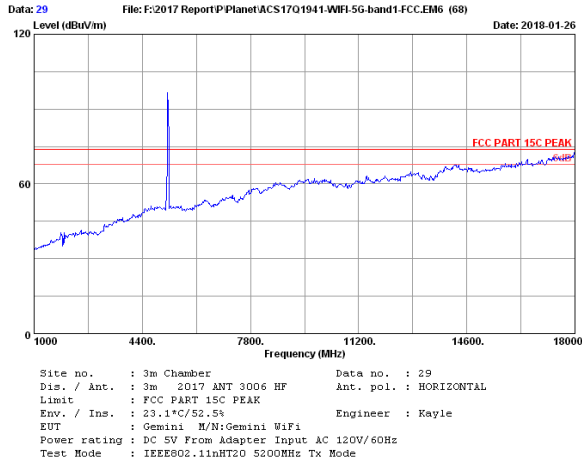
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5180.00     | 33.47              | 15.18           | 79.29          | 33.91           | 94.03                   | 74.00           | -20.03      | Peak    |
| 2   | 10360.00    | 38.29              | 20.23           | 28.12          | 35.58           | 51.06                   | 54.00           | 2.94        | Average |
| 3   | 10360.00    | 38.29              | 20.23           | 41.53          | 35.58           | 64.47                   | 74.00           | 9.53        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



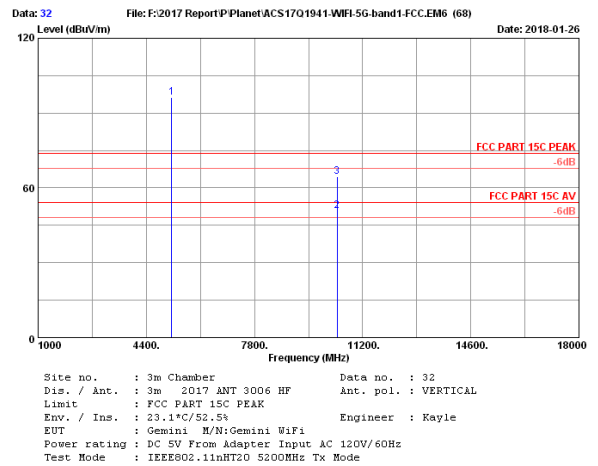
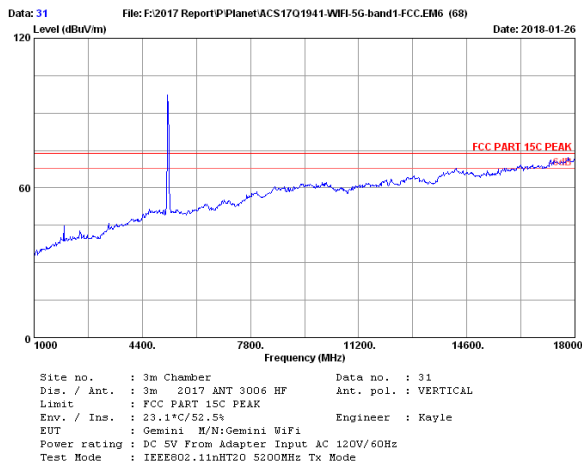
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5180.00     | 33.47              | 15.18           | 81.44          | 33.91           | 96.18                   | 74.00           | -22.18      | Peak    |
| 2   | 10360.00    | 38.29              | 20.23           | 27.63          | 35.58           | 50.57                   | 54.00           | 3.43        | Average |
| 3   | 10360.00    | 38.29              | 20.23           | 41.86          | 35.58           | 64.80                   | 74.00           | 9.20        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



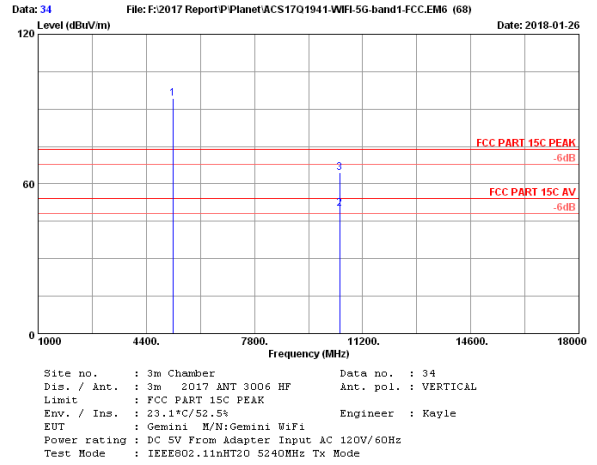
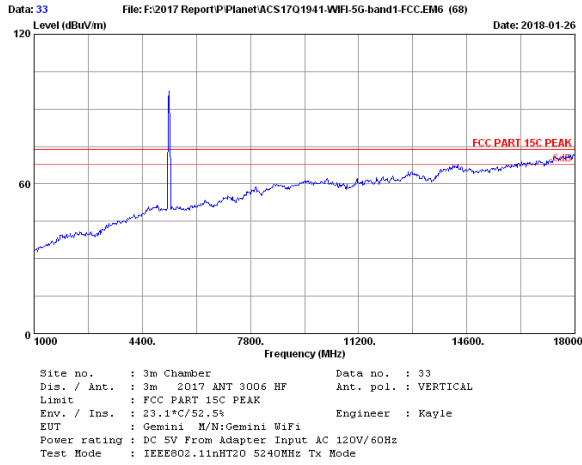
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5200.00     | 33.44              | 15.22           | 82.06          | 33.95           | 96.77                   | 74.00           | -22.77      | Peak    |
| 2   | 10400.00    | 38.34              | 20.22           | 28.21          | 35.80           | 50.97                   | 54.00           | 3.03        | Average |
| 3   | 10400.00    | 38.34              | 20.22           | 41.58          | 35.80           | 64.34                   | 74.00           | 9.66        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



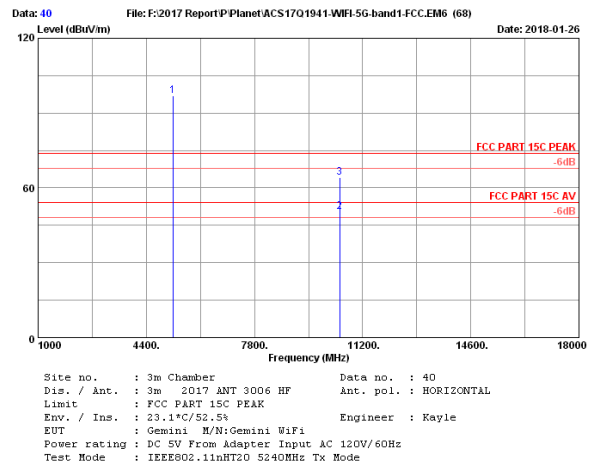
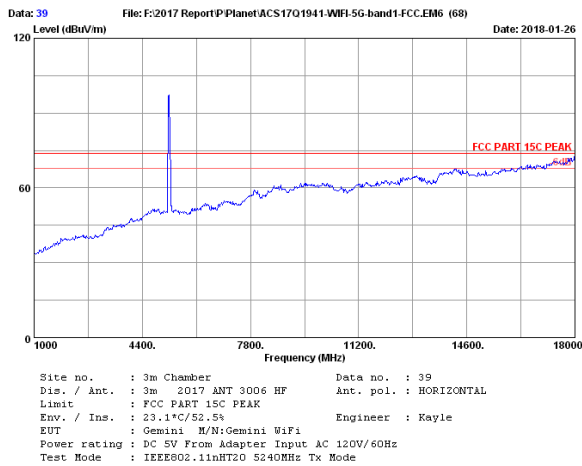
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5200.00     | 33.44              | 15.22           | 81.49          | 33.95           | 96.20                   | 74.00           | -22.20      | Peak    |
| 2   | 10400.00    | 38.34              | 20.22           | 27.94          | 35.80           | 50.70                   | 54.00           | 3.30        | Average |
| 3   | 10400.00    | 38.34              | 20.22           | 41.84          | 35.80           | 64.60                   | 74.00           | 9.40        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5240.00     | 33.38              | 15.30           | 79.46          | 33.99           | 94.15                   | 74.00           | -20.15      | Peak    |
| 2   | 10480.00    | 38.47              | 20.20           | 27.55          | 36.13           | 50.09                   | 54.00           | 3.91        | Average |
| 3   | 10480.00    | 38.47              | 20.20           | 41.87          | 36.13           | 64.41                   | 74.00           | 9.59        | Peak    |

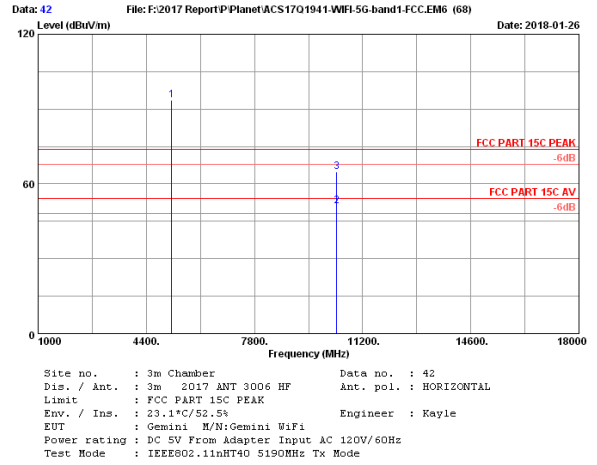
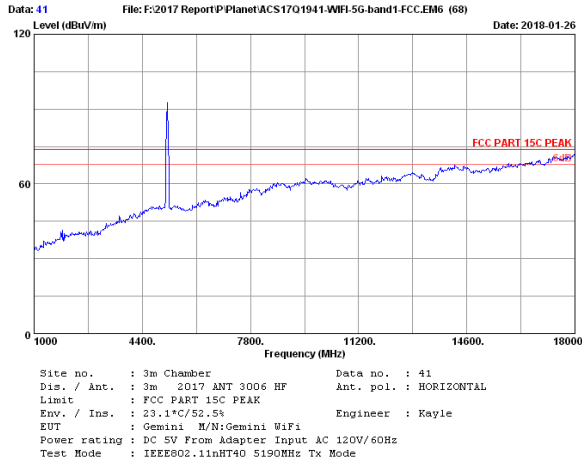
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5240.00     | 33.38              | 15.30           | 82.31          | 33.99           | 97.00                   | 74.00           | -23.00      | Peak    |
| 2   | 10480.00    | 38.47              | 20.20           | 27.98          | 36.13           | 50.52                   | 54.00           | 3.48        | Average |
| 3   | 10480.00    | 38.47              | 20.20           | 41.55          | 36.13           | 64.09                   | 74.00           | 9.91        | Peak    |

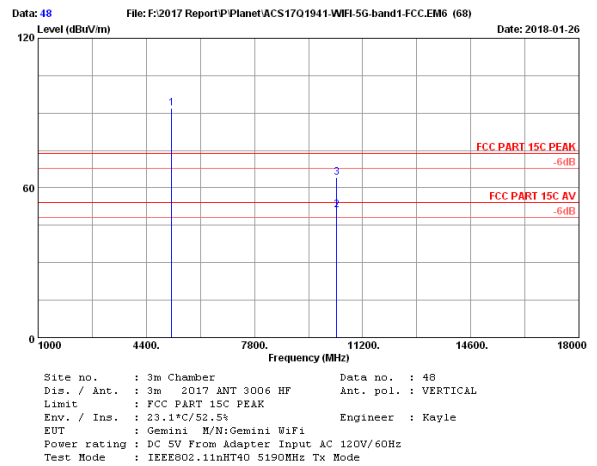
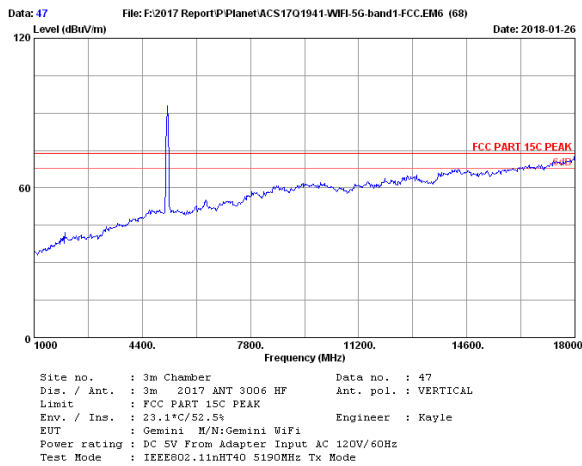
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





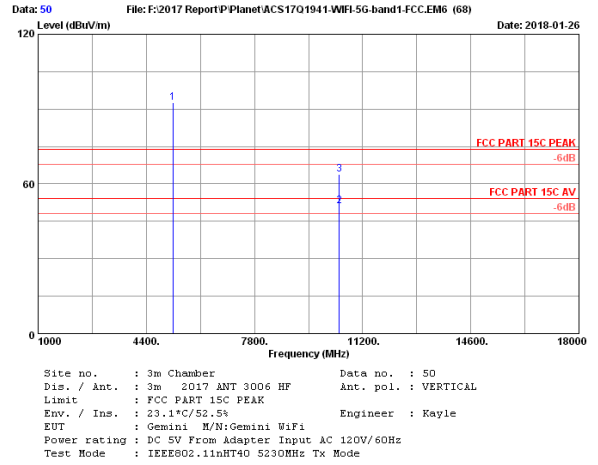
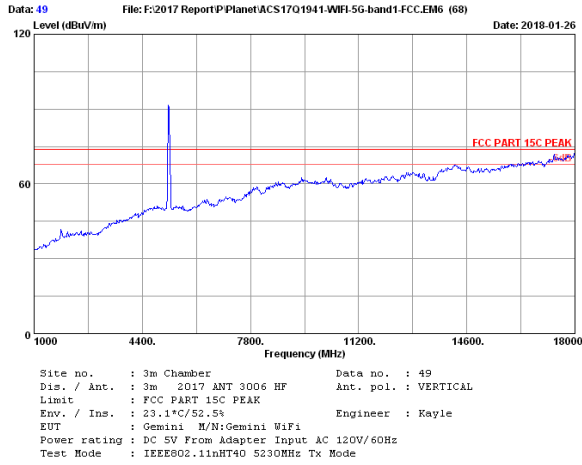
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5190.00     | 33.47              | 15.18           | 78.91          | 33.91           | 93.65                   | 74.00           | -19.65      | Peak    |
| 2   | 10380.00    | 38.31              | 20.22           | 28.17          | 35.69           | 51.01                   | 54.00           | 2.99        | Average |
| 3   | 10380.00    | 38.31              | 20.22           | 41.88          | 35.69           | 64.72                   | 74.00           | 9.28        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



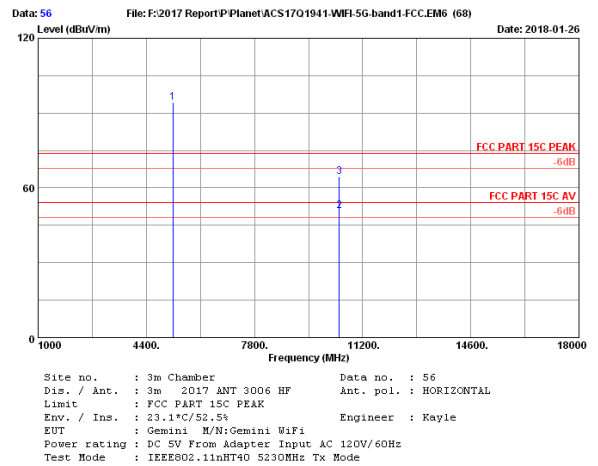
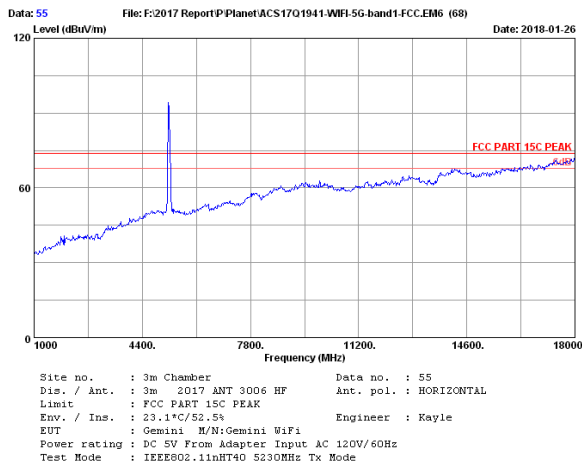
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5190.00     | 33.47              | 15.18           | 77.30          | 33.91           | 92.04                   | 74.00           | -18.04      | Peak    |
| 2   | 10380.00    | 38.31              | 20.22           | 28.15          | 35.69           | 50.99                   | 54.00           | 3.01        | Average |
| 3   | 10380.00    | 38.31              | 20.22           | 41.36          | 35.69           | 64.20                   | 74.00           | 9.80        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



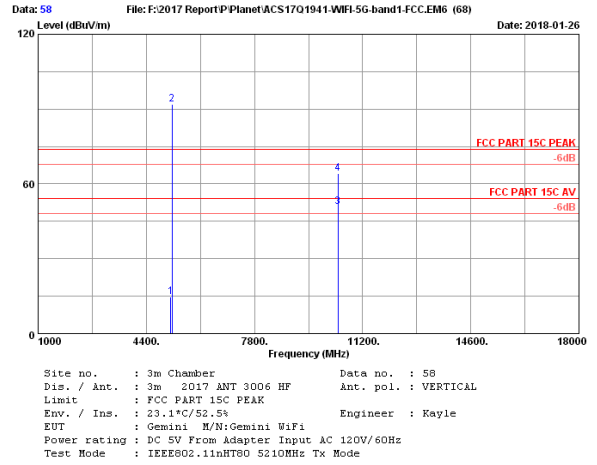
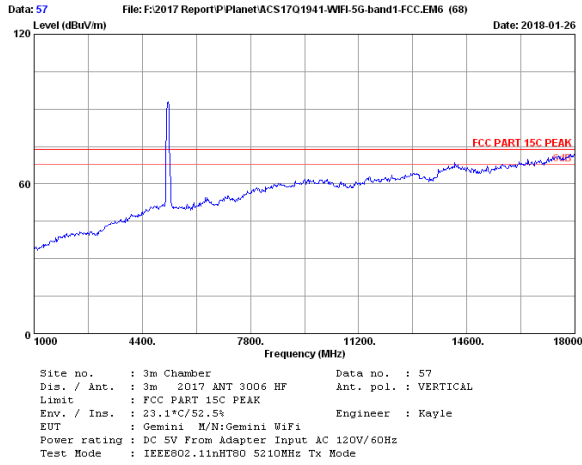
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5230.00     | 33.38              | 15.26           | 78.07          | 33.99           | 92.72                   | 74.00           | -18.72      | Peak    |
| 2   | 10460.00    | 38.42              | 20.21           | 28.64          | 36.02           | 51.25                   | 54.00           | 2.75        | Average |
| 3   | 10460.00    | 38.42              | 20.21           | 41.23          | 36.02           | 63.84                   | 74.00           | 10.16       | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



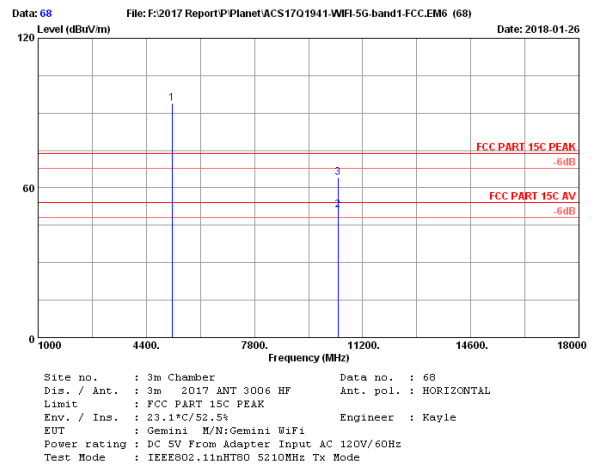
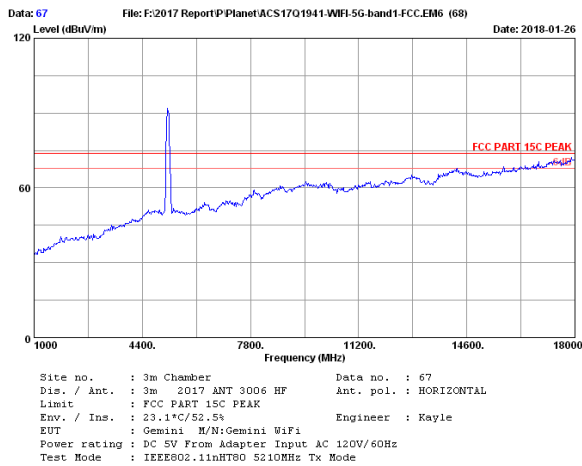
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5230.00     | 33.38              | 15.26           | 79.55          | 33.99           | 94.20                   | 74.00           | -20.20      | Peak    |
| 2   | 10460.00    | 38.42              | 20.21           | 28.16          | 36.02           | 50.77                   | 54.00           | 3.23        | Average |
| 3   | 10460.00    | 38.42              | 20.21           | 41.84          | 36.02           | 64.45                   | 74.00           | 9.55        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5165.00     | 33.50              | 15.14           | 0.00           | 33.87           | 14.77                   | 74.00           | 59.23       | Peak    |
| 2   | 5210.00     | 33.41              | 15.22           | 77.39          | 33.95           | 92.07                   | 74.00           | -18.07      | Peak    |
| 3   | 10420.00    | 38.37              | 20.22           | 28.16          | 35.80           | 50.95                   | 54.00           | 3.05        | Average |
| 4   | 10420.00    | 38.37              | 20.22           | 41.38          | 35.80           | 64.17                   | 74.00           | 9.83        | Peak    |

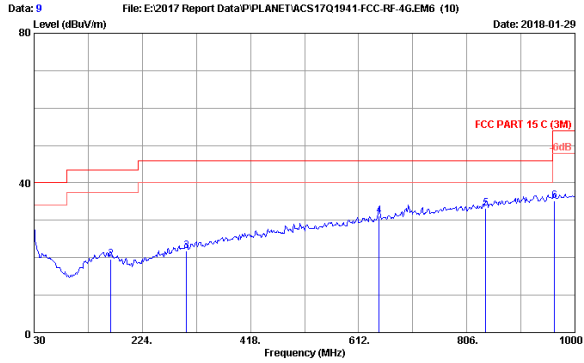
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5210.00     | 33.41              | 15.22           | 79.35          | 33.95           | 94.03                   | 74.00           | -20.03      | Peak    |
| 2   | 10420.00    | 38.37              | 20.22           | 28.38          | 35.80           | 51.17                   | 54.00           | 2.83        | Average |
| 3   | 10420.00    | 38.37              | 20.22           | 41.36          | 35.80           | 64.15                   | 74.00           | 9.85        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

**5745-5825MHz Band:**  
**Frequency: 30MHz~1GHz**

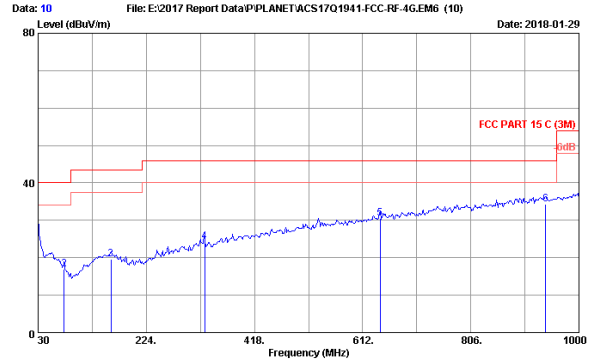


Data: 9 File: E:\2017 Report Data\PI\PLANET\ACS1701941-FCC-RF-4G.EM6 (10) Date: 2018-01-29

Site no. : 3m Chamber Data no. : 9  
 Dis. / Ant. : 3m 2017 9168-493 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 23.7°C/52% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DCSV From Adapter input AC 120V/60Hz  
 Test Mode : WIFISG TX band4

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1   | 30.000      | 19.40              | 0.63            | 6.71           | 26.74                   | 40.00           | 13.26       | QP     |
| 2   | 167.740     | 19.09              | 1.47            | -1.00          | 19.56                   | 43.50           | 23.94       | QP     |
| 3   | 303.540     | 19.99              | 2.27            | -0.45          | 21.81                   | 46.00           | 24.19       | QP     |
| 4   | 648.860     | 26.53              | 3.90            | 0.84           | 31.27                   | 46.00           | 14.73       | QP     |
| 5   | 839.950     | 28.84              | 4.74            | -0.35          | 33.23                   | 46.00           | 12.77       | QP     |
| 6   | 963.140     | 30.07              | 5.36            | -0.30          | 35.13                   | 54.00           | 18.87       | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



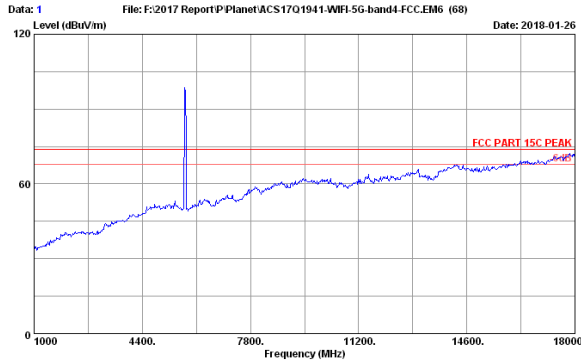
Data: 10 File: E:\2017 Report Data\PI\PLANET\ACS1701941-FCC-RF-4G.EM6 (10) Date: 2018-01-29

Site no. : 3m Chamber Data no. : 10  
 Dis. / Ant. : 3m 2017 9168-493 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 23.7°C/52% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DCSV From Adapter input AC 120V/60Hz  
 Test Mode : WIFISG TX band4

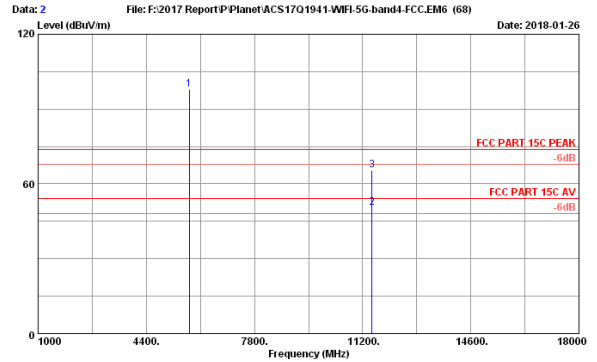
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1   | 30.000      | 19.40              | 0.63            | 8.10           | 28.13                   | 40.00           | 11.87       | QP     |
| 2   | 76.560      | 16.07              | 0.96            | -0.13          | 16.90                   | 40.00           | 23.10       | QP     |
| 3   | 160.950     | 19.62              | 1.43            | -1.35          | 19.70                   | 43.50           | 23.80       | QP     |
| 4   | 328.760     | 20.57              | 2.43            | 1.21           | 24.21                   | 46.00           | 21.79       | QP     |
| 5   | 643.040     | 26.46              | 3.87            | 0.15           | 30.48                   | 46.00           | 15.52       | QP     |
| 6   | 939.860     | 29.86              | 5.26            | -0.84          | 34.28                   | 46.00           | 11.72       | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Frequency: 1GHz~18GHz



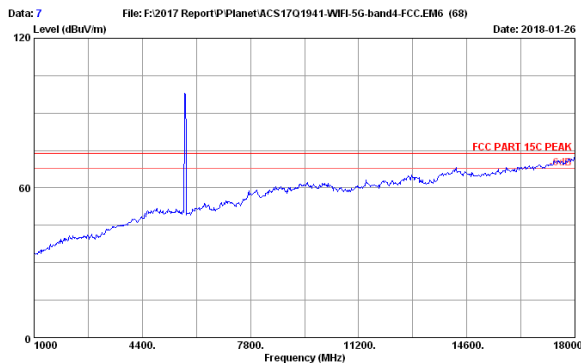
Site no. : 3m Chamber Data no. : 1  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode



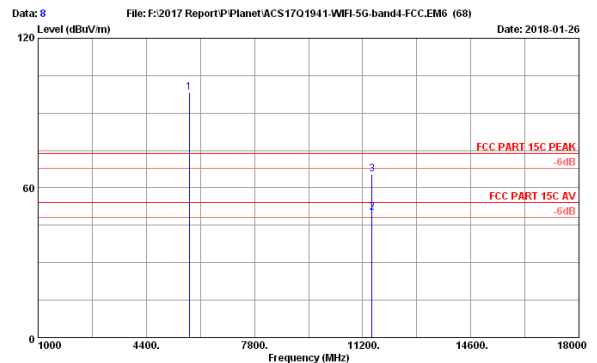
Site no. : 3m Chamber Data no. : 2  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5745.00     | 33.19              | 16.37           | 83.64          | 35.12           | 95.08                   | 74.00           | -24.08      | Peak    |
| 2   | 11490.00    | 38.22              | 21.20           | 25.67          | 34.56           | 50.53                   | 54.00           | 3.47        | Average |
| 3   | 11490.00    | 38.22              | 21.20           | 40.54          | 34.56           | 65.40                   | 74.00           | 8.60        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



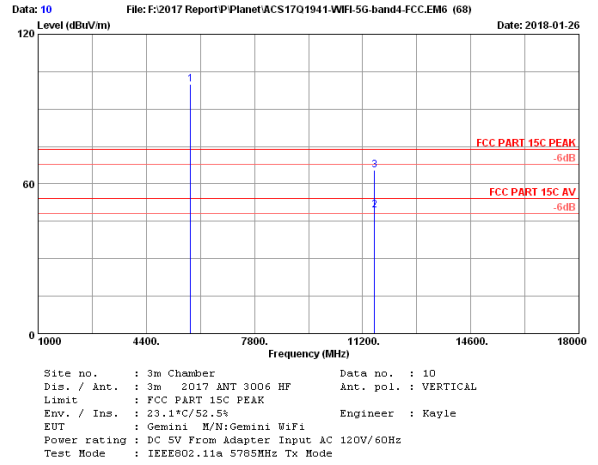
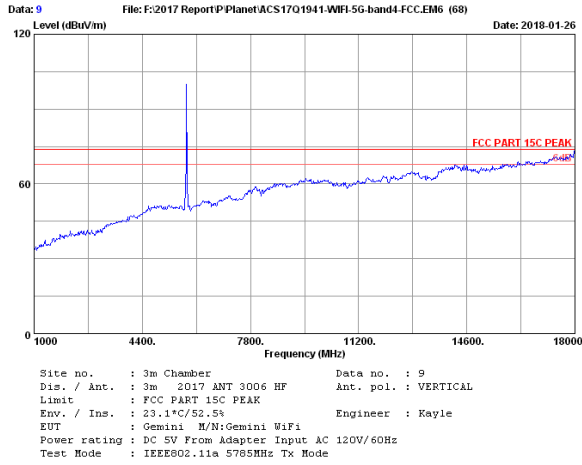
Site no. : 3m Chamber Data no. : 7  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode



Site no. : 3m Chamber Data no. : 8  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

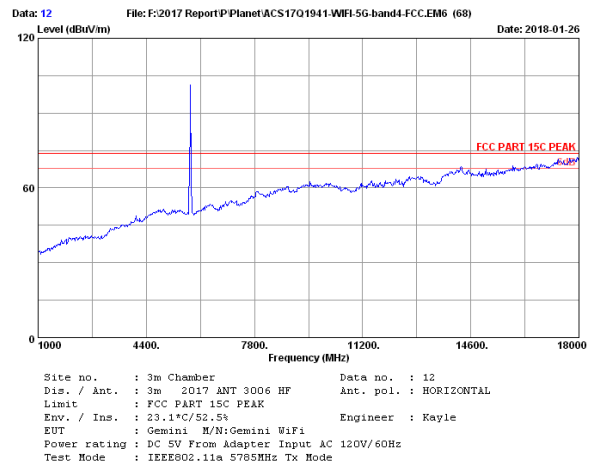
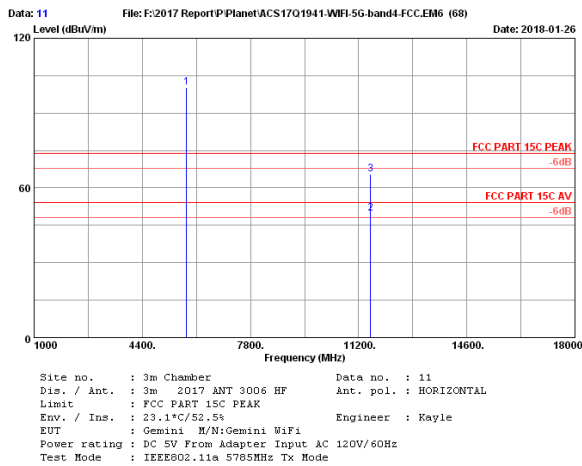
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5745.00     | 33.19              | 16.37           | 83.71          | 35.12           | 98.15                   | 74.00           | -24.15      | Peak    |
| 2   | 11490.00    | 38.22              | 21.20           | 25.12          | 34.56           | 49.98                   | 54.00           | 4.02        | Average |
| 3   | 11490.00    | 38.22              | 21.20           | 40.67          | 34.56           | 65.53                   | 74.00           | 8.47        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



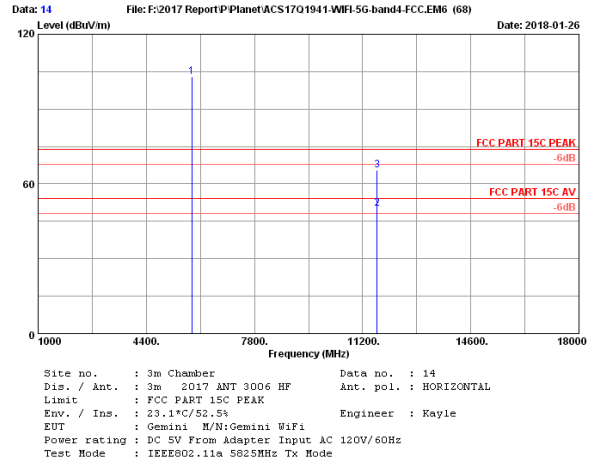
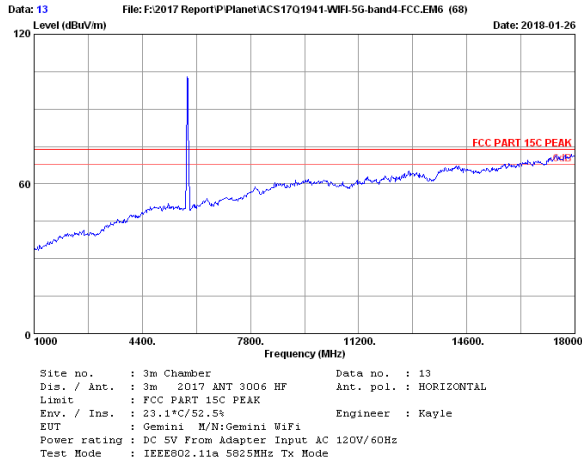
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5785.00     | 33.23              | 16.44           | 85.63          | 35.28           | 100.02                  | 74.00           | -26.02      | Peak    |
| 2   | 11570.00    | 38.19              | 21.36           | 24.66          | 34.74           | 49.47                   | 54.00           | 4.53        | Average |
| 3   | 11570.00    | 38.19              | 21.36           | 40.86          | 34.74           | 65.67                   | 74.00           | 8.33        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



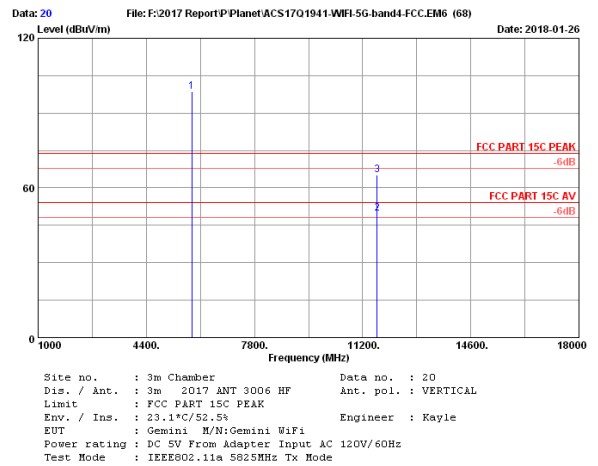
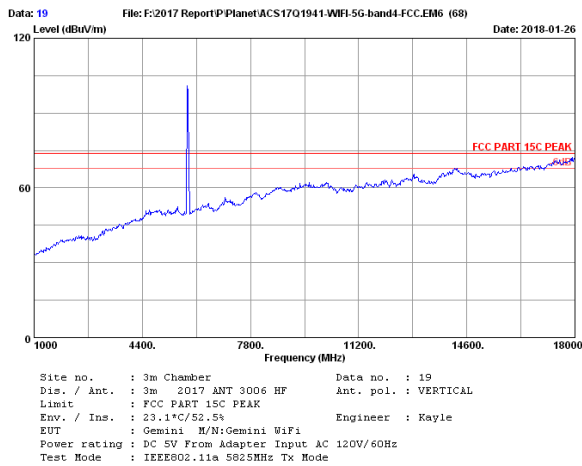
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5785.00     | 33.23              | 16.44           | 85.78          | 35.28           | 100.17                  | 74.00           | -26.17      | Peak    |
| 2   | 11570.00    | 38.19              | 21.36           | 24.97          | 34.74           | 49.78                   | 54.00           | 4.22        | Average |
| 3   | 11570.00    | 38.19              | 21.36           | 40.67          | 34.74           | 65.48                   | 74.00           | 8.52        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



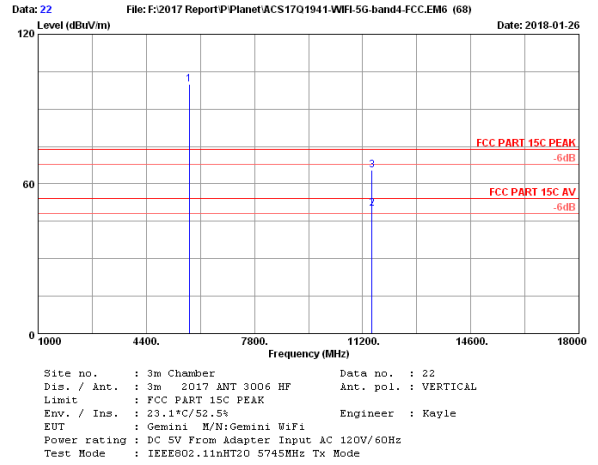
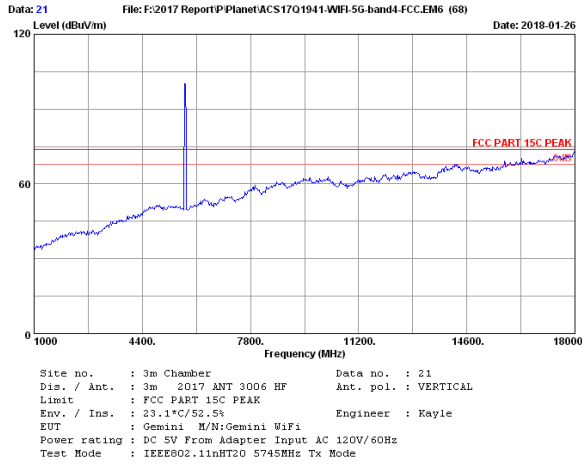
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5825.00     | 33.29              | 16.52           | 88.34          | 35.35           | 102.80                  | 74.00           | -28.80      | Peak    |
| 2   | 11650.00    | 38.17              | 21.55           | 25.48          | 35.02           | 50.18                   | 54.00           | 3.82        | Average |
| 3   | 11650.00    | 38.17              | 21.55           | 40.69          | 35.02           | 65.39                   | 74.00           | 8.61        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



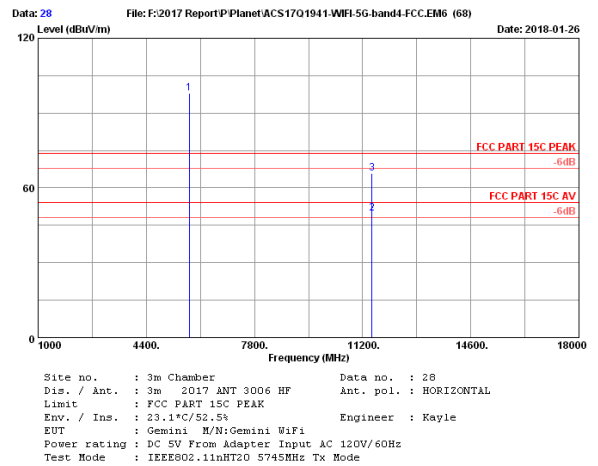
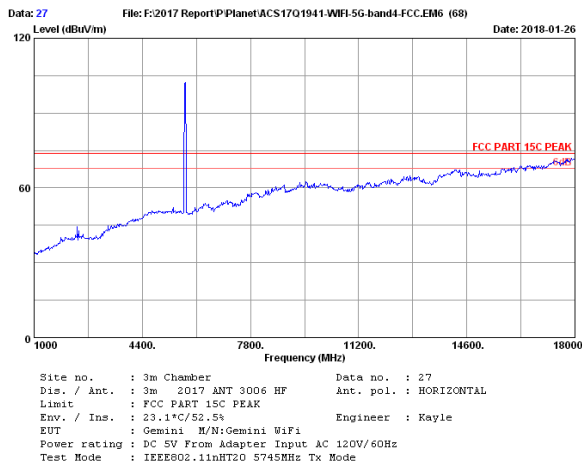
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5825.00     | 33.29              | 16.52           | 84.12          | 35.35           | 98.58                   | 74.00           | -24.58      | Peak    |
| 2   | 11650.00    | 38.17              | 21.55           | 25.20          | 35.02           | 49.90                   | 54.00           | 4.10        | Average |
| 3   | 11650.00    | 38.17              | 21.55           | 40.60          | 35.02           | 65.30                   | 74.00           | 8.70        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5745.00     | 33.19              | 16.37           | 85.35          | 35.12           | 95.79                   | 74.00           | -25.79      | Peak    |
| 2   | 11490.00    | 38.22              | 21.20           | 25.12          | 34.56           | 49.98                   | 54.00           | 4.02        | Average |
| 3   | 11490.00    | 38.22              | 21.20           | 40.58          | 34.56           | 65.44                   | 74.00           | 8.56        | Peak    |

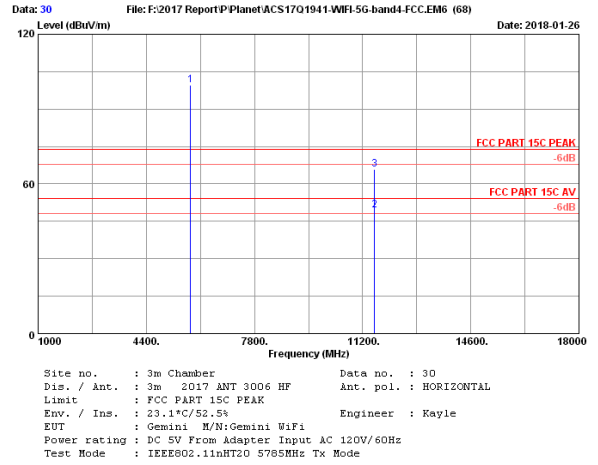
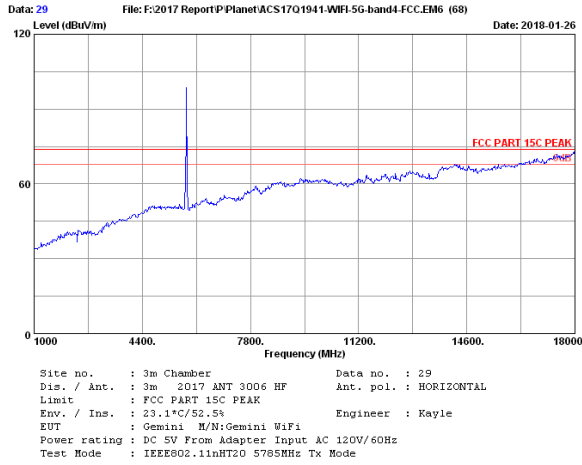
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5745.00     | 33.19              | 16.37           | 83.42          | 35.12           | 97.86                   | 74.00           | -23.86      | Peak    |
| 2   | 11490.00    | 38.22              | 21.20           | 24.97          | 34.56           | 49.83                   | 54.00           | 4.17        | Average |
| 3   | 11490.00    | 38.22              | 21.20           | 40.86          | 34.56           | 65.72                   | 74.00           | 8.28        | Peak    |

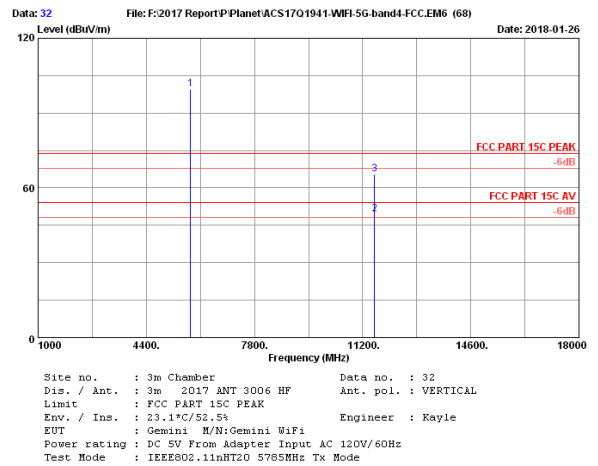
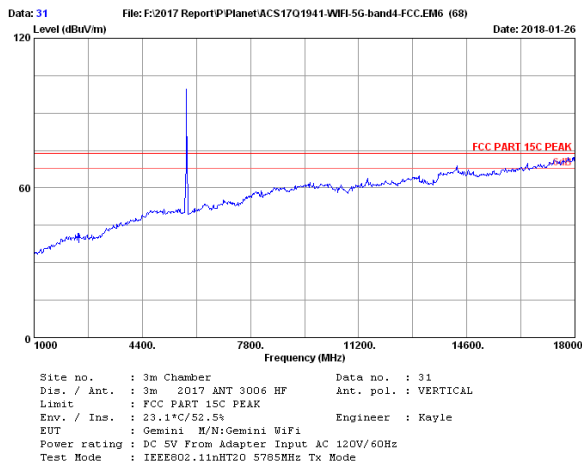
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





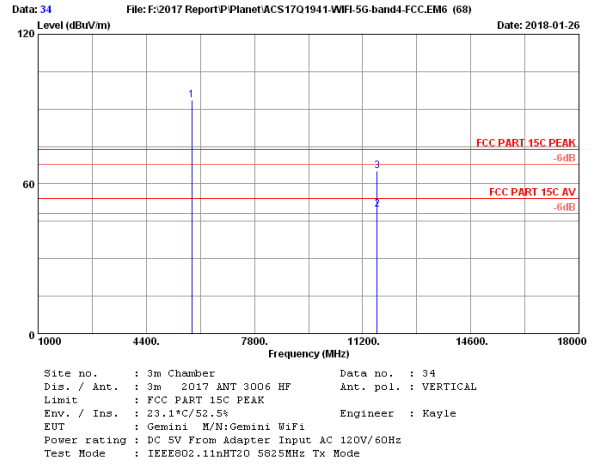
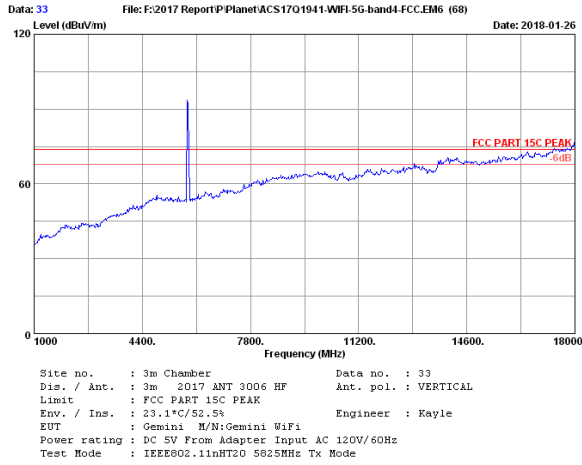
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5785.00     | 33.23              | 16.44           | 85.16          | 35.28           | 99.55                   | 74.00           | -25.55      | Peak    |
| 2   | 11570.00    | 38.19              | 21.36           | 24.67          | 34.74           | 49.48                   | 54.00           | 4.52        | Average |
| 3   | 11570.00    | 38.19              | 21.36           | 40.96          | 34.74           | 65.77                   | 74.00           | 8.23        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



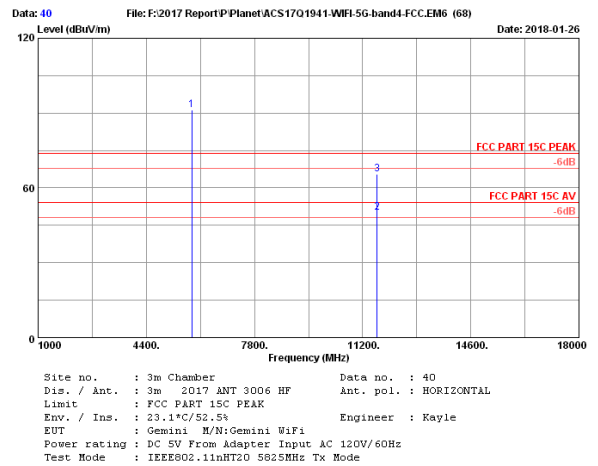
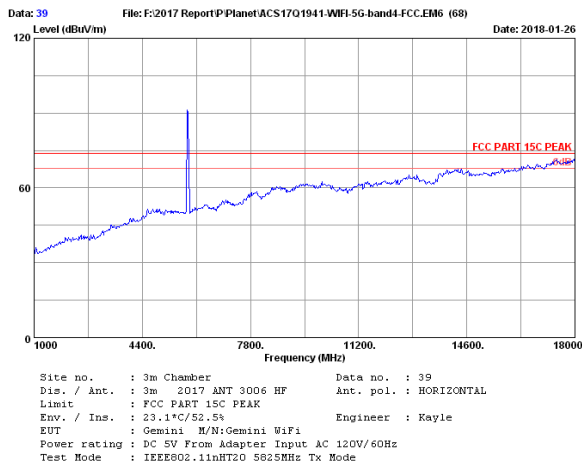
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5785.00     | 33.23              | 16.44           | 85.19          | 35.28           | 99.58                   | 74.00           | -25.58      | Peak    |
| 2   | 11570.00    | 38.19              | 21.36           | 24.66          | 34.74           | 49.47                   | 54.00           | 4.53        | Average |
| 3   | 11570.00    | 38.19              | 21.36           | 40.57          | 34.74           | 65.38                   | 74.00           | 8.62        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



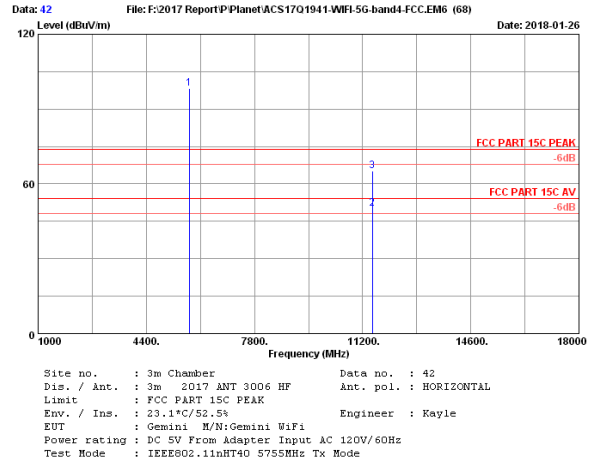
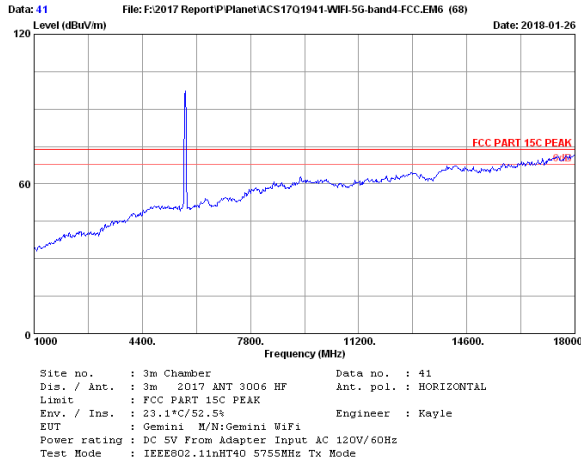
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5825.00     | 33.29              | 16.52           | 78.99          | 35.35           | 95.45                   | 74.00           | -19.45      | Peak    |
| 2   | 11650.00    | 38.17              | 21.55           | 24.98          | 35.02           | 49.68                   | 54.00           | 4.32        | Average |
| 3   | 11650.00    | 38.17              | 21.55           | 40.59          | 35.02           | 65.29                   | 74.00           | 8.71        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



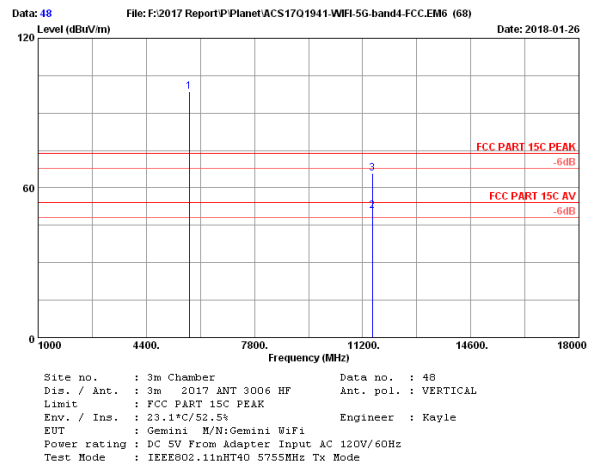
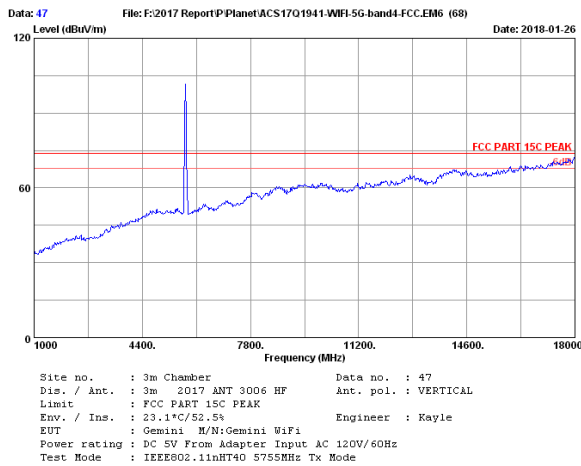
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5825.00     | 33.29              | 16.52           | 76.65          | 35.35           | 91.11                   | 74.00           | -17.11      | Peak    |
| 2   | 11650.00    | 38.17              | 21.55           | 25.58          | 35.02           | 50.28                   | 54.00           | 3.72        | Average |
| 3   | 11650.00    | 38.17              | 21.55           | 40.88          | 35.02           | 65.58                   | 74.00           | 8.42        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



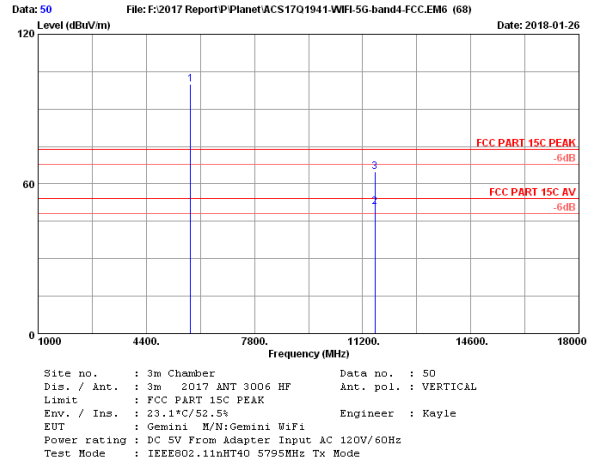
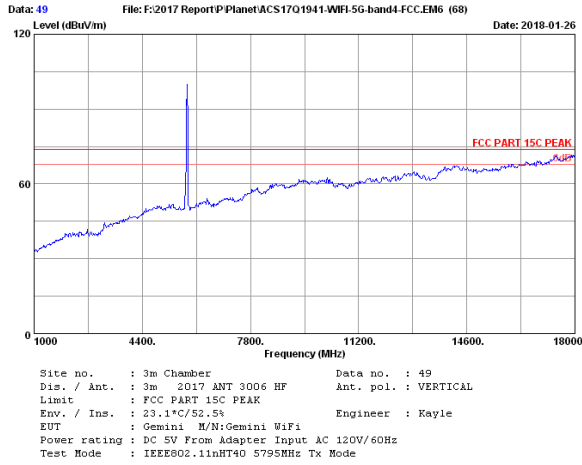
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5755.00     | 33.21              | 16.40           | 83.64          | 35.12           | 95.13                   | 74.00           | -24.13      | Peak    |
| 2   | 11510.00    | 38.20              | 21.24           | 25.14          | 34.47           | 50.11                   | 54.00           | 3.89        | Average |
| 3   | 11510.00    | 38.20              | 21.24           | 40.35          | 34.47           | 65.32                   | 74.00           | 8.68        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



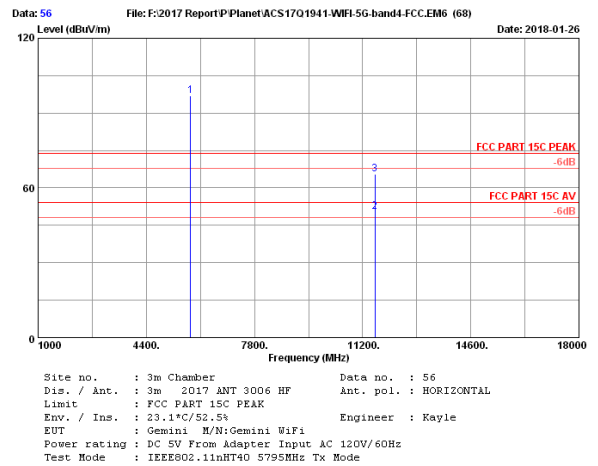
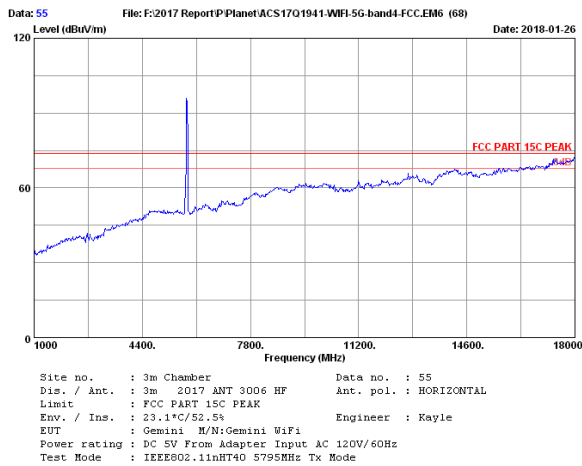
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5755.00     | 33.21              | 16.40           | 84.08          | 35.12           | 95.57                   | 74.00           | -24.57      | Peak    |
| 2   | 11510.00    | 38.20              | 21.24           | 25.68          | 34.47           | 50.65                   | 54.00           | 3.35        | Average |
| 3   | 11510.00    | 38.20              | 21.24           | 41.03          | 34.47           | 66.00                   | 74.00           | 8.00        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



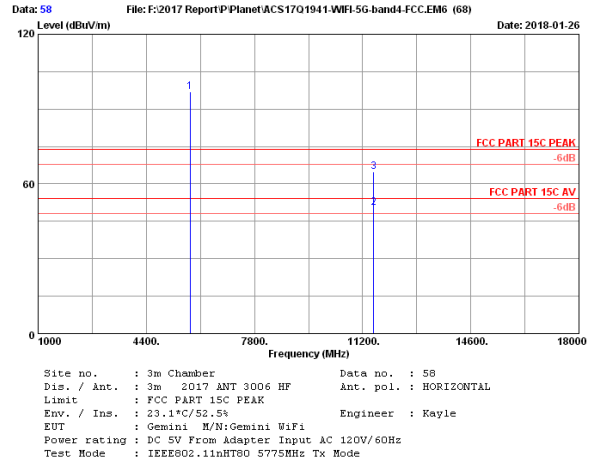
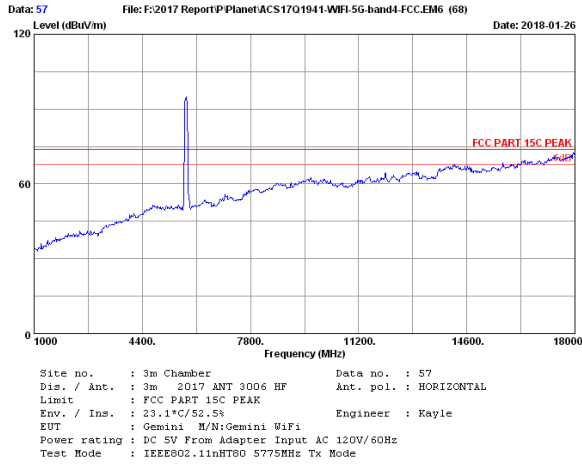
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5795.00     | 33.25              | 16.48           | 85.34          | 35.28           | 95.79                   | 74.00           | -25.79      | Peak    |
| 2   | 11590.00    | 38.18              | 21.40           | 25.60          | 34.74           | 50.64                   | 54.00           | 3.36        | Average |
| 3   | 11590.00    | 38.18              | 21.40           | 39.88          | 34.74           | 64.72                   | 74.00           | 9.28        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



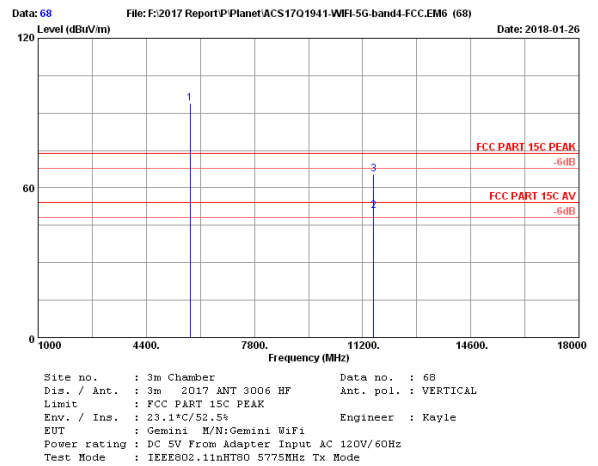
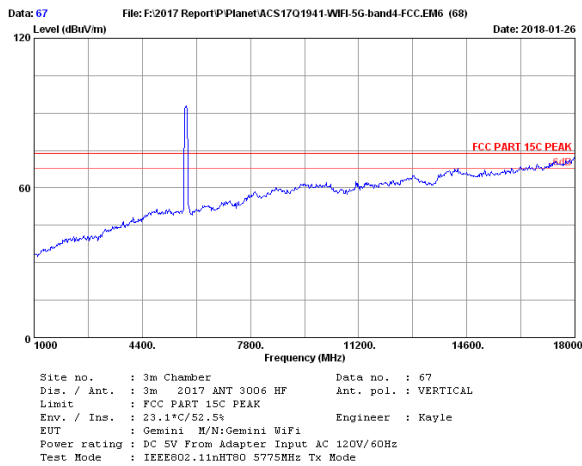
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5794.00     | 33.25              | 16.48           | 82.59          | 35.28           | 97.04                   | 74.00           | -23.04      | Peak    |
| 2   | 11590.00    | 38.18              | 21.40           | 25.67          | 34.74           | 50.51                   | 54.00           | 3.49        | Average |
| 3   | 11590.00    | 38.18              | 21.40           | 40.55          | 34.74           | 65.39                   | 74.00           | 8.61        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5775.00     | 33.23              | 16.44           | 82.57          | 35.20           | 97.04                   | 74.00           | -23.04      | Peak    |
| 2   | 11550.00    | 38.19              | 21.32           | 25.46          | 34.65           | 50.32                   | 54.00           | 3.68        | Average |
| 3   | 11550.00    | 38.19              | 21.32           | 39.86          | 34.65           | 64.72                   | 74.00           | 9.28        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5775.00     | 33.23              | 16.44           | 79.56          | 35.20           | 94.03                   | 74.00           | -20.03      | Peak    |
| 2   | 11550.00    | 38.19              | 21.32           | 25.93          | 34.65           | 50.79                   | 54.00           | 3.21        | Average |
| 3   | 11550.00    | 38.19              | 21.32           | 40.56          | 34.65           | 65.42                   | 74.00           | 8.58        | Peak    |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

## 5. BAND EDGE COMPLIANCE TEST

### 5.1. Test Equipment

| Item | Equipment    | Manufacturer | Model No.   | Serial No.  | Last Cal. | Cal. Interval |
|------|--------------|--------------|-------------|-------------|-----------|---------------|
| 1.   | Spectrum     | Agilent      | E4446A      | US44300459  | Apr.22,17 | 1 Year        |
| 2.   | Amp          | HP           | 8449B       | 3008A02495  | Apr.22.17 | 1 Year        |
| 3.   | Horn Antenna | ETC          | MCTD 1209   | DRH15F03006 | May.15,17 | 1 Year        |
| 4.   | HF Cable     | Hubersuhner  | Sucoflex104 | 274094/4    | Apr.22,17 | 1 Year        |

### 5.2. Limit

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For devices with both operating frequencies and channel bandwidths contained within the band 5250-5350 MHz,

All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the band 5470-5725MHz, Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For the band 5725-5850 MHz, emissions at frequencies from the band edges to 10 MHz above or below the band edges shall not exceed -17 dBm/MHz e.i.r.p.

For emissions at frequencies more than 10 MHz above or below the band edges, the emissions power shall not exceed -27 dBm/MHz.

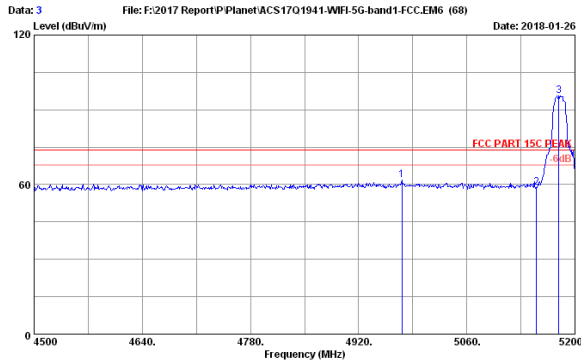
### 5.3. Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
  - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
  - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO
5. Per KDB789033 clause H 2)d).if the test distance is 3m,the EIRP(dBm)=E(dBuv/m)-95.2  
Get the final compare with limit.

### 5.4. Test Results

Pass (The testing data was attached in the next pages.)

5180-5240MHz Band:

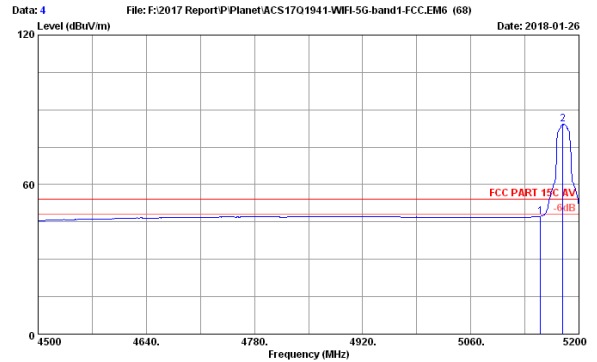


Data: 3 File: F:\2017 Report\PlanetACS1701941-WIFI-5G-band1-FCC.EM6 (68) Date: 2018-01-26

Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEES02.11a 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 4976.00     | 33.77              | 14.75           | 47.01          | 33.66           | 61.87                   | 74.00           | 12.13       | Peak   |
| 2   | 5150.00     | 33.53              | 15.11           | 44.04          | 33.87           | 58.81                   | 74.00           | 15.19       | Peak   |
| 3   | 5179.00     | 33.47              | 15.18           | 80.90          | 33.91           | 95.64                   | 74.00           | -21.64      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

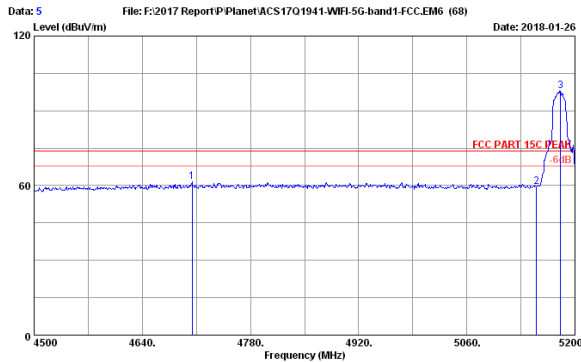


Data: 4 File: F:\2017 Report\PlanetACS1701941-WIFI-5G-band1-FCC.EM6 (68) Date: 2018-01-26

Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEES02.11a 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 32.52          | 33.87           | 47.29                   | 54.00           | 6.71        | Average |
| 2   | 5179.00     | 33.47              | 15.18           | 69.41          | 33.91           | 84.15                   | 54.00           | -30.15      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

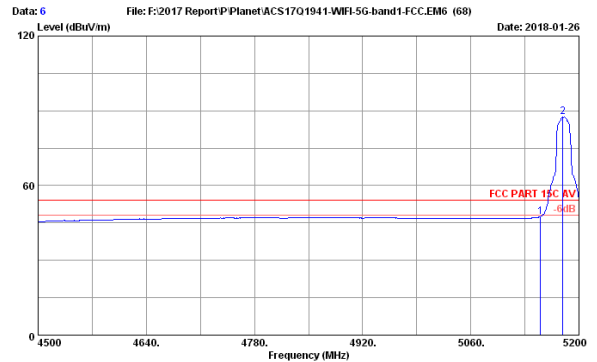


Data: 5 File: F:\2017 Report\PlanetACS1701941-WIFI-5G-band1-FCC.EM6 (68) Date: 2018-01-26

Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEES02.11a 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 4704.40     | 33.21              | 14.38           | 47.76          | 33.92           | 61.43                   | 74.00           | 12.57       | Peak   |
| 2   | 5150.00     | 33.53              | 15.11           | 44.89          | 33.87           | 59.66                   | 74.00           | 14.34       | Peak   |
| 3   | 5181.10     | 33.47              | 15.18           | 83.34          | 33.91           | 98.08                   | 74.00           | -24.08      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

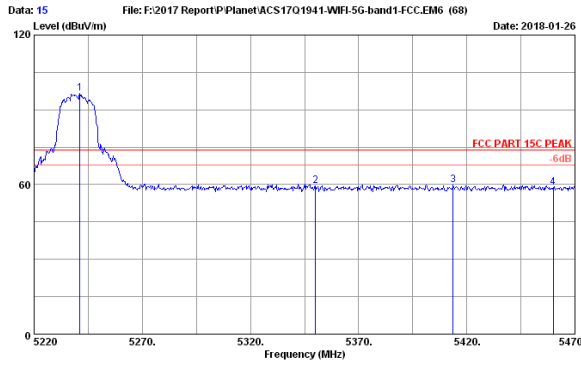


Data: 6 File: F:\2017 Report\PlanetACS1701941-WIFI-5G-band1-FCC.EM6 (68) Date: 2018-01-26

Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEES02.11a 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 32.83          | 33.87           | 47.60                   | 54.00           | 6.40        | Average |
| 2   | 5179.00     | 33.47              | 15.18           | 72.73          | 33.91           | 87.47                   | 54.00           | -33.47      | Average |

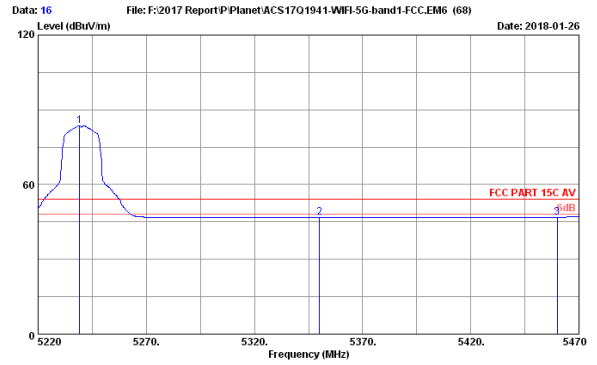
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 15  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5241.25     | 33.38              | 15.30           | 81.76          | 33.99           | 96.45                   | 74.00           | -22.45      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 45.03          | 34.18           | 59.55                   | 74.00           | 14.45       | Peak   |
| 3   | 5413.75     | 33.05              | 15.68           | 45.50          | 34.25           | 59.98                   | 74.00           | 14.02       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.27          | 34.33           | 58.68                   | 74.00           | 15.32       | Peak   |

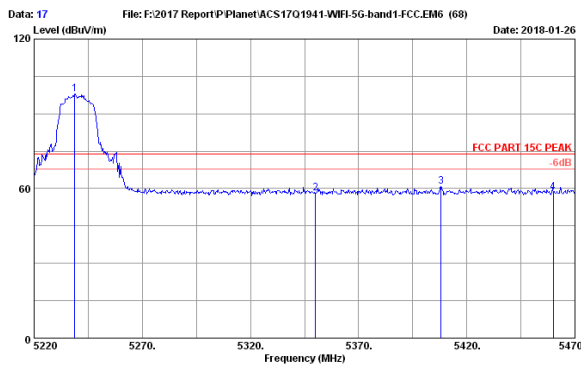
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 16  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5239.25     | 33.38              | 15.30           | 68.92          | 33.99           | 83.61                   | 54.00           | -29.61      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.27          | 34.18           | 46.79                   | 54.00           | 7.21        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.51          | 34.33           | 46.92                   | 54.00           | 7.08        | Average |

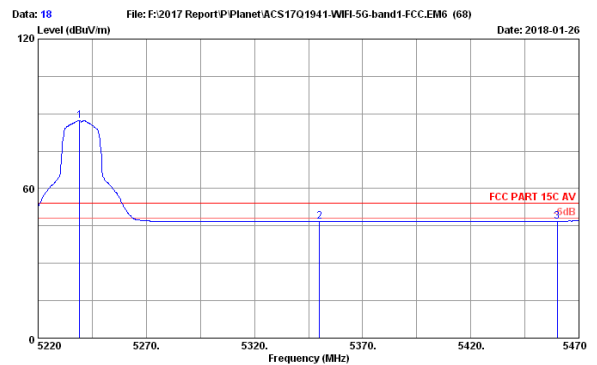
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5238.75     | 33.38              | 15.30           | 63.40          | 33.99           | 98.09                   | 74.00           | -24.09      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 43.49          | 34.18           | 58.01                   | 74.00           | 15.99       | Peak   |
| 3   | 5408.00     | 33.08              | 15.64           | 46.26          | 34.25           | 60.73                   | 74.00           | 13.27       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.07          | 34.33           | 58.48                   | 74.00           | 15.52       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

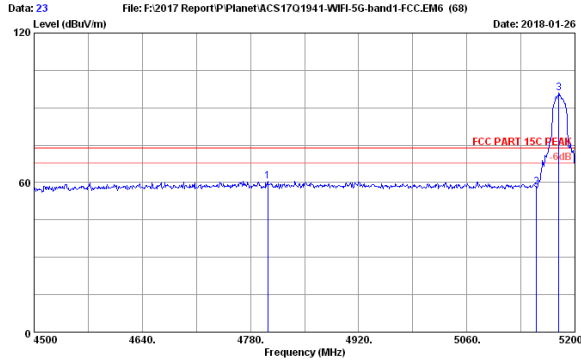


Site no. : 3m Chamber Data no. : 18  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5239.25     | 33.38              | 15.30           | 72.68          | 33.99           | 87.37                   | 54.00           | -33.37      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.24          | 34.18           | 46.78                   | 54.00           | 7.22        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.53          | 34.33           | 46.94                   | 54.00           | 7.06        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

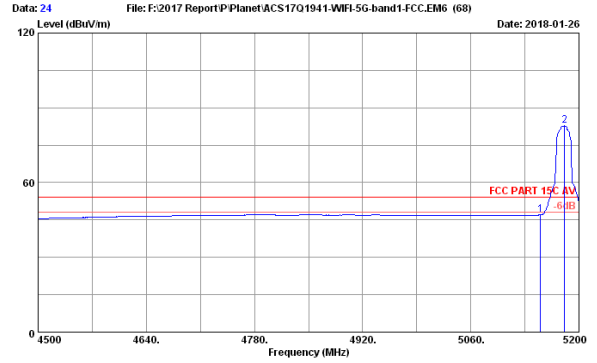




Site no. : 3m Chamber Data no. : 23  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 4802.40     | 33.42              | 14.52           | 46.49          | 33.82           | 60.61                   | 74.00           | 13.39       | Peak   |
| 2   | 5150.00     | 33.53              | 15.11           | 43.28          | 33.87           | 58.05                   | 74.00           | 15.95       | Peak   |
| 3   | 5179.00     | 33.47              | 15.18           | 81.08          | 33.91           | 95.82                   | 74.00           | -21.82      | Peak   |

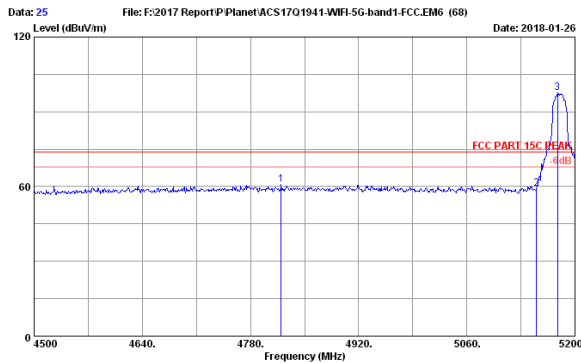
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 32.31          | 33.87           | 47.08                   | 54.00           | 6.92        | Average |
| 2   | 5181.10     | 33.47              | 15.18           | 66.00          | 33.91           | 82.74                   | 54.00           | -28.74      | Average |

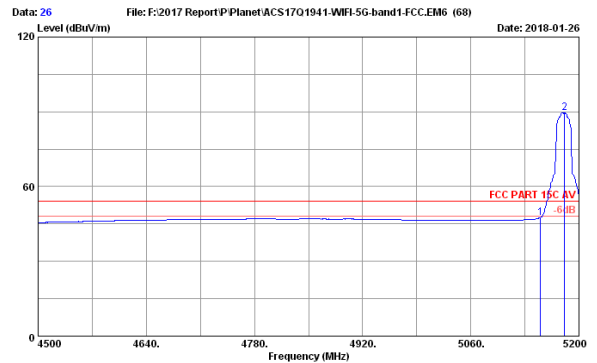
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 25  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 4819.90     | 33.46              | 14.55           | 46.56          | 33.80           | 60.77                   | 74.00           | 13.23       | Peak   |
| 2   | 5150.00     | 33.53              | 15.11           | 44.28          | 33.87           | 59.05                   | 74.00           | 14.95       | Peak   |
| 3   | 5177.60     | 33.47              | 15.14           | 82.96          | 33.91           | 97.66                   | 74.00           | -23.66      | Peak   |

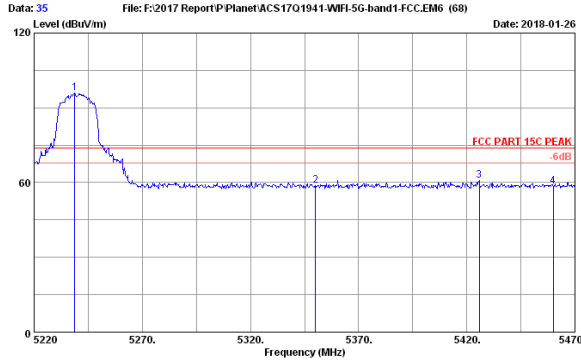
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 26  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5180MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 32.85          | 33.87           | 47.62                   | 54.00           | 6.38        | Average |
| 2   | 5181.10     | 33.47              | 15.18           | 74.82          | 33.91           | 89.56                   | 54.00           | -35.56      | Average |

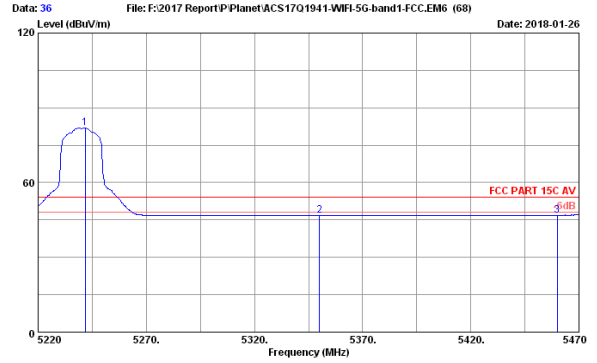
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 S240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5238.75     | 33.38              | 15.30           | 81.15          | 33.99           | 95.84                   | 74.00           | -21.84      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 44.15          | 34.18           | 58.67                   | 74.00           | 15.33       | Peak   |
| 3   | 5425.75     | 33.05              | 15.68           | 46.50          | 34.29           | 60.94                   | 74.00           | 13.06       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.19          | 34.33           | 58.60                   | 74.00           | 15.40       | Peak   |

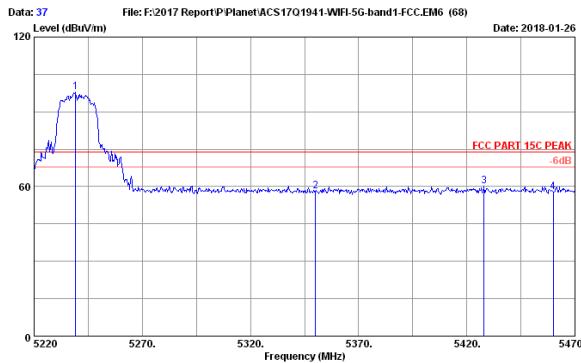
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 36  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 S240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5241.75     | 33.35              | 15.30           | 67.30          | 33.99           | 81.96                   | 54.00           | -27.96      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.26          | 34.18           | 46.78                   | 54.00           | 7.22        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.53          | 34.33           | 46.94                   | 54.00           | 7.06        | Average |

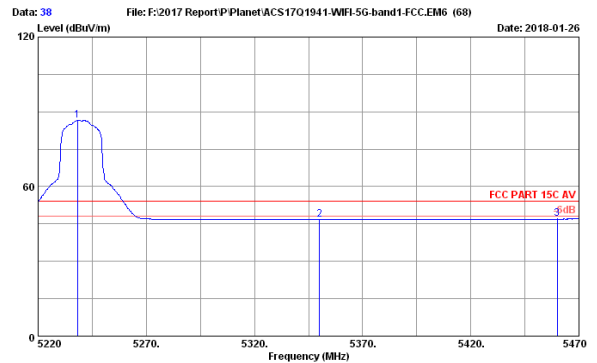
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 S240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5239.25     | 33.38              | 15.30           | 63.26          | 33.99           | 97.95                   | 74.00           | -23.95      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 43.71          | 34.18           | 58.23                   | 74.00           | 15.77       | Peak   |
| 3   | 5428.00     | 33.05              | 15.68           | 45.81          | 34.29           | 60.25                   | 74.00           | 13.75       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 43.45          | 34.33           | 57.86                   | 74.00           | 16.14       | Peak   |

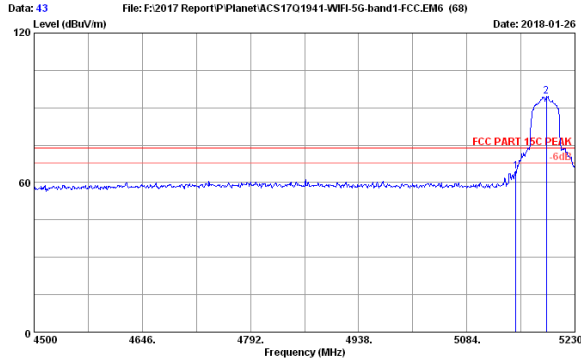
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 38  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 S240MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5239.25     | 33.38              | 15.30           | 72.02          | 33.99           | 86.71                   | 54.00           | -32.71      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.32          | 34.18           | 46.84                   | 54.00           | 7.16        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.56          | 34.33           | 46.97                   | 54.00           | 7.03        | Average |

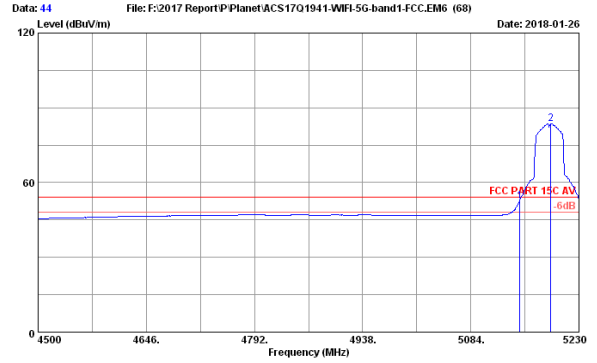
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Data no. : 43  
 Site no. : 3m Chamber  
 Dis. / Ant. : 3m 2017 ANT 3006 HF  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5%  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5190MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5190.00     | 33.53              | 15.11           | 49.79          | 33.87           | 64.56                   | 74.00           | 9.44        | Peak   |
| 2   | 5191.31     | 33.44              | 15.18           | 79.86          | 33.91           | 94.57                   | 74.00           | -20.57      | Peak   |

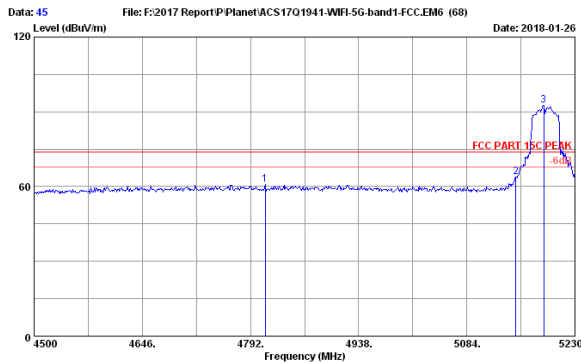
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Data no. : 44  
 Site no. : 3m Chamber  
 Dis. / Ant. : 3m 2017 ANT 3006 HF  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5%  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5190MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5190.00     | 33.53              | 15.11           | 37.86          | 33.87           | 52.63                   | 54.00           | 1.37        | Average |
| 2   | 5192.04     | 33.44              | 15.18           | 69.01          | 33.91           | 83.72                   | 54.00           | -29.72      | Average |

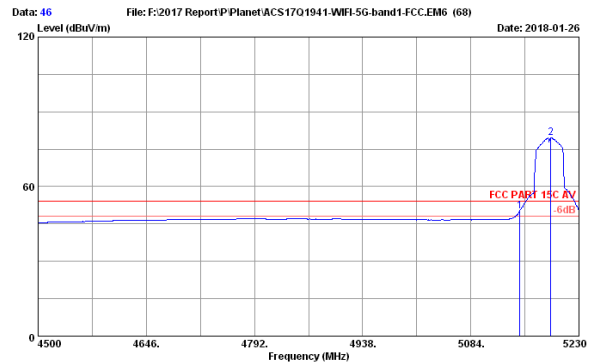
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Data no. : 45  
 Site no. : 3m Chamber  
 Dis. / Ant. : 3m 2017 ANT 3006 HF  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5%  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5190MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 4811.71     | 33.42              | 14.52           | 46.63          | 33.82           | 60.75                   | 74.00           | 13.25       | Peak   |
| 2   | 5190.00     | 33.53              | 15.11           | 49.18          | 33.87           | 63.95                   | 74.00           | 10.05       | Peak   |
| 3   | 5187.66     | 33.47              | 15.18           | 77.97          | 33.91           | 92.71                   | 74.00           | -18.71      | Peak   |

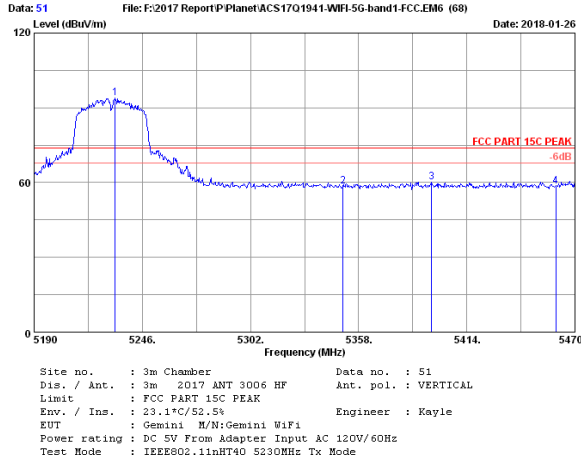
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Data no. : 46  
 Site no. : 3m Chamber  
 Dis. / Ant. : 3m 2017 ANT 3006 HF  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5%  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5190MHz Tx Mode

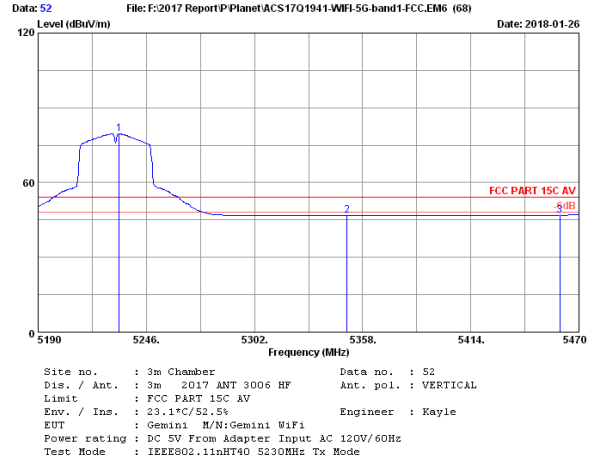
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5190.00     | 33.53              | 15.11           | 35.29          | 33.87           | 50.06                   | 54.00           | 3.94        | Average |
| 2   | 5192.04     | 33.44              | 15.18           | 64.94          | 33.91           | 79.65                   | 54.00           | -25.65      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



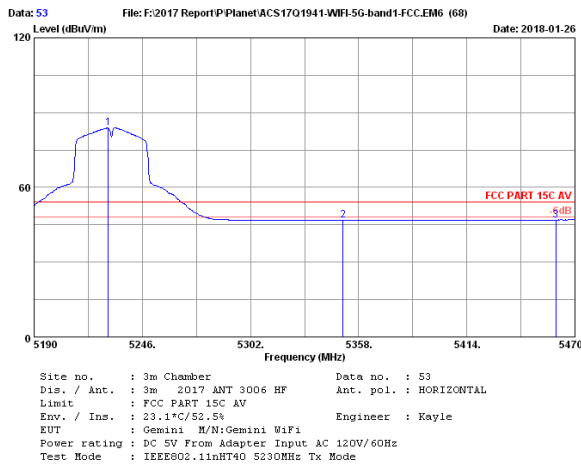
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5232.00     | 33.38              | 15.26           | 79.22          | 33.99           | 93.87                   | 74.00           | -19.87      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 44.12          | 34.18           | 58.64                   | 74.00           | 15.36       | Peak   |
| 3   | 5395.80     | 33.08              | 15.64           | 45.80          | 34.22           | 60.30                   | 74.00           | 13.70       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.16          | 34.33           | 58.57                   | 74.00           | 15.43       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



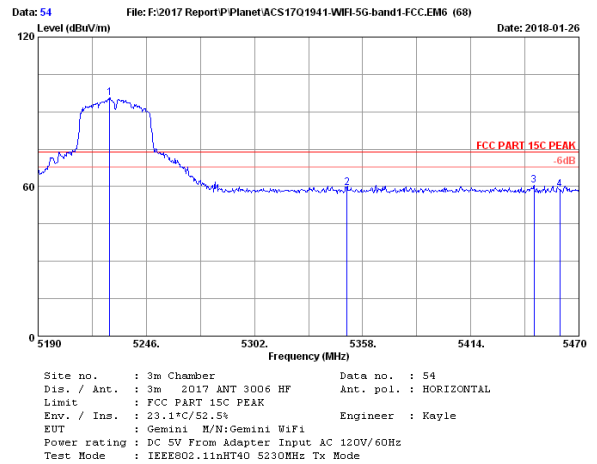
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5232.00     | 33.38              | 15.26           | 64.94          | 33.99           | 75.59                   | 54.00           | -25.59      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.28          | 34.18           | 46.80                   | 54.00           | 7.20        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.54          | 34.33           | 46.95                   | 54.00           | 7.05        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



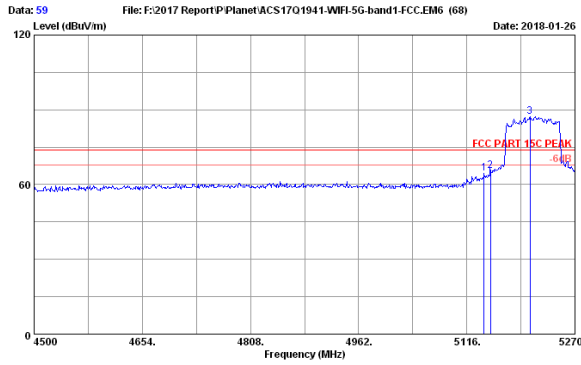
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5228.36     | 33.38              | 15.26           | 69.42          | 34.25           | 83.81                   | 54.00           | -29.81      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.38          | 34.27           | 46.81                   | 54.00           | 7.19        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.49          | 34.29           | 46.94                   | 54.00           | 7.06        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5228.96     | 33.38              | 15.26           | 80.95          | 33.99           | 95.60                   | 74.00           | -21.60      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 45.13          | 34.18           | 59.65                   | 74.00           | 14.35       | Peak   |
| 3   | 5446.76     | 32.99              | 15.72           | 46.11          | 34.29           | 60.53                   | 74.00           | 13.47       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.44          | 34.33           | 58.85                   | 74.00           | 15.15       | Peak   |

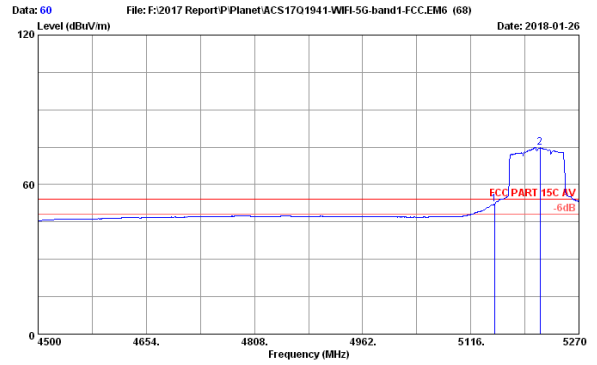
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 59  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5140.64     | 33.53              | 15.07           | 49.84          | 33.83           | 64.61                   | 74.00           | 9.39        | Peak   |
| 2   | 5150.00     | 33.53              | 15.11           | 50.85          | 33.87           | 65.62                   | 74.00           | 8.38        | Peak   |
| 3   | 5206.09     | 33.44              | 15.22           | 72.65          | 33.95           | 87.36                   | 74.00           | -13.36      | Peak   |

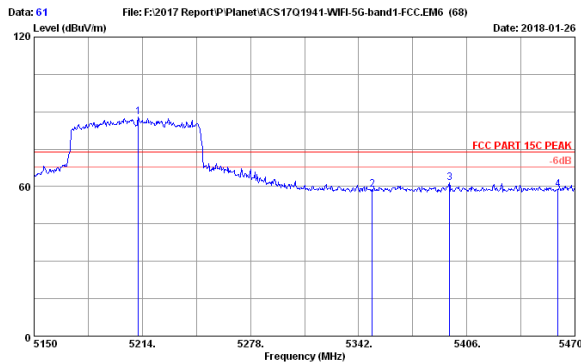
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 60  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 37.39          | 33.87           | 52.16                   | 54.00           | 1.84        | Average |
| 2   | 5214.56     | 33.41              | 15.26           | 60.05          | 33.95           | 74.77                   | 54.00           | -20.77      | Average |

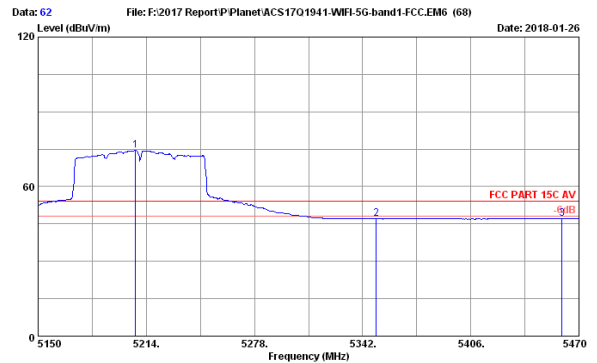
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 61  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5211.76     | 33.41              | 15.22           | 73.08          | 33.95           | 87.76                   | 74.00           | -13.76      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 44.29          | 34.18           | 58.81                   | 74.00           | 15.19       | Peak   |
| 3   | 5395.76     | 33.08              | 15.64           | 46.84          | 34.22           | 61.34                   | 74.00           | 12.66       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 44.45          | 34.33           | 58.86                   | 74.00           | 15.14       | Peak   |

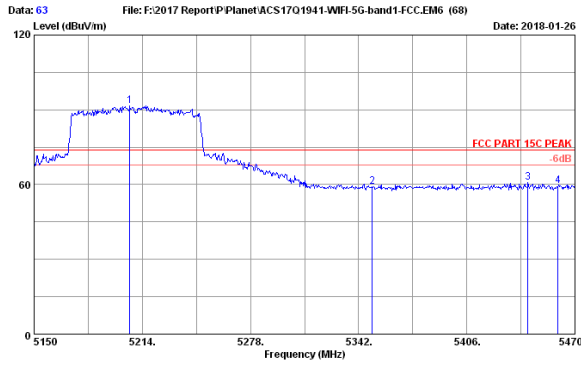
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 62  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1nC/52.5V Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5207.60     | 33.41              | 15.22           | 59.88          | 33.95           | 74.56                   | 54.00           | -20.56      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.49          | 34.18           | 47.01                   | 54.00           | 6.99        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.74          | 34.33           | 47.15                   | 54.00           | 6.85        | Average |

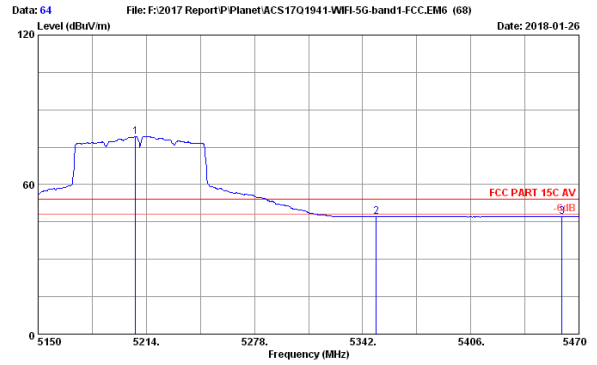
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 63  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5206.64     | 33.44              | 15.22           | 76.87          | 33.95           | 91.58                   | 74.00           | -17.58      | Peak   |
| 2   | 5350.00     | 33.17              | 15.53           | 44.61          | 34.18           | 59.13                   | 74.00           | 14.87       | Peak   |
| 3   | 5442.16     | 33.02              | 15.72           | 46.29          | 34.29           | 60.74                   | 74.00           | 13.26       | Peak   |
| 4   | 5460.00     | 32.99              | 15.75           | 45.14          | 34.33           | 59.55                   | 74.00           | 14.45       | Peak   |

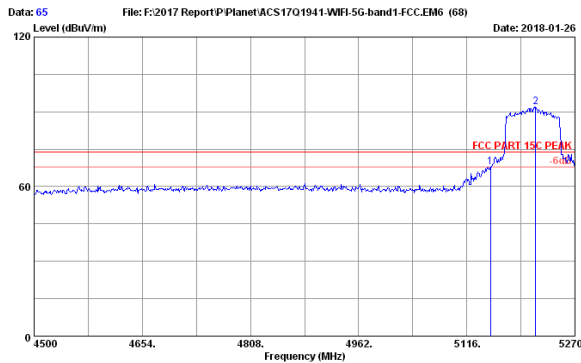
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 64  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5207.60     | 33.41              | 15.22           | 64.57          | 33.95           | 75.25                   | 54.00           | -25.25      | Average |
| 2   | 5350.00     | 33.17              | 15.53           | 32.54          | 34.18           | 47.06                   | 54.00           | 6.94        | Average |
| 3   | 5460.00     | 32.99              | 15.75           | 32.73          | 34.33           | 47.14                   | 54.00           | 6.86        | Average |

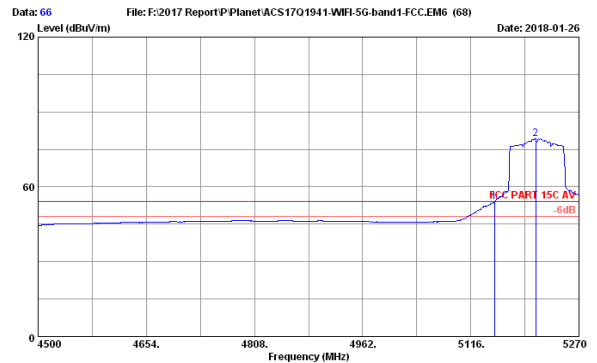
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 65  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5150.00     | 33.53              | 15.11           | 52.95          | 33.87           | 67.72                   | 74.00           | 6.28        | Peak   |
| 2   | 5219.79     | 33.41              | 15.22           | 77.33          | 33.95           | 92.01                   | 74.00           | -18.01      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

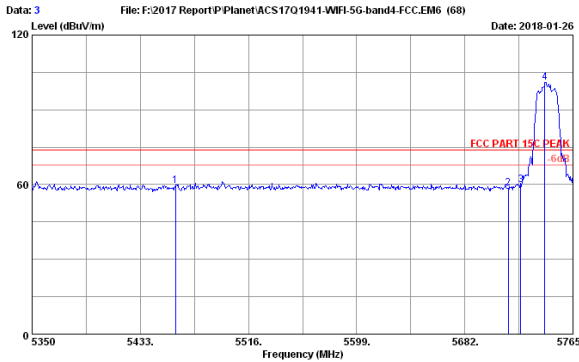


Site no. : 3m Chamber Data no. : 66  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 S210MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5150.00     | 33.53              | 15.11           | 39.10          | 33.87           | 53.87                   | 54.00           | 0.13        | Average |
| 2   | 5209.40     | 33.41              | 15.22           | 64.57          | 33.95           | 75.25                   | 54.00           | -25.25      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

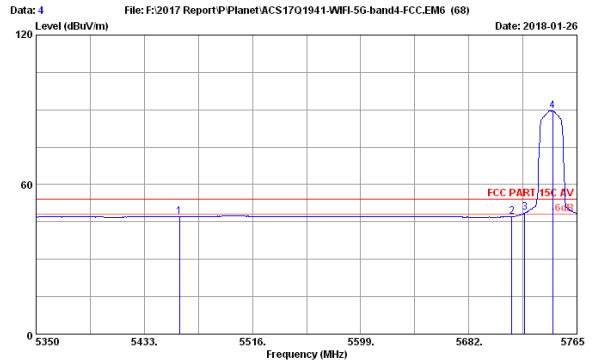
5745-5825MHz Band:



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5460.00     | 32.99              | 15.75           | 45.00          | 34.33           | 59.41                   | 74.00           | 14.59       | Peak   |
| 2   | 5715.00     | 33.15              | 16.29           | 44.15          | 35.05           | 58.54                   | 74.00           | 15.46       | Peak   |
| 3   | 5725.00     | 33.17              | 16.33           | 45.31          | 35.05           | 59.76                   | 74.00           | 14.24       | Peak   |
| 4   | 5743.42     | 33.19              | 16.37           | 86.47          | 35.12           | 100.91                  | 74.00           | -26.91      | Peak   |

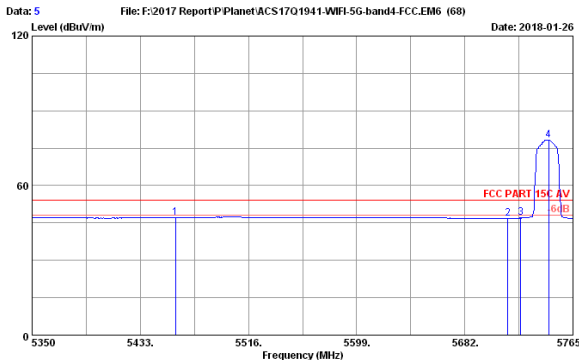
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.68          | 34.33           | 47.09                   | 54.00           | 6.91        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 32.73          | 35.05           | 47.12                   | 54.00           | 6.88        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 34.20          | 35.05           | 48.65                   | 54.00           | 5.35        | Average |
| 4   | 5746.33     | 33.19              | 16.37           | 75.11          | 35.12           | 89.55                   | 54.00           | -35.55      | Average |

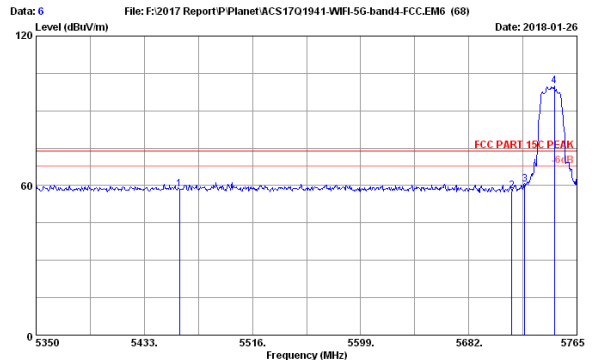
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.69          | 34.33           | 47.10                   | 54.00           | 6.90        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 32.44          | 35.05           | 46.83                   | 54.00           | 7.17        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 32.52          | 35.05           | 46.97                   | 54.00           | 7.03        | Average |
| 4   | 5746.33     | 33.19              | 16.37           | 63.90          | 35.12           | 78.34                   | 54.00           | -24.34      | Average |

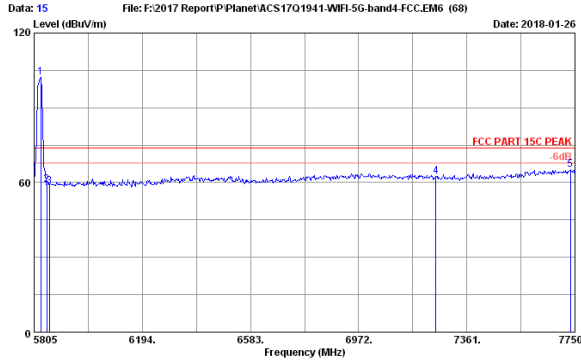
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5460.00     | 32.99              | 15.75           | 44.23          | 34.33           | 58.64                   | 74.00           | 15.36       | Peak   |
| 2   | 5715.00     | 33.15              | 16.29           | 43.46          | 35.05           | 57.85                   | 74.00           | 16.15       | Peak   |
| 3   | 5725.00     | 33.17              | 16.33           | 45.91          | 35.05           | 60.36                   | 74.00           | 13.64       | Peak   |
| 4   | 5747.57     | 33.19              | 16.37           | 85.48          | 35.12           | 99.92                   | 74.00           | -25.92      | Peak   |

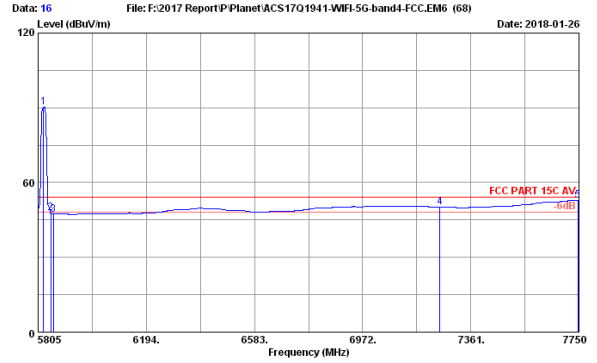
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 15  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5828.34     | 33.29              | 16.56           | 87.81          | 35.35           | 102.31                  | 74.00           | -28.31      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 44.57          | 35.43           | 59.04                   | 74.00           | 14.96       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 44.00          | 35.50           | 58.42                   | 74.00           | 15.58       | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 45.10          | 37.26           | 62.50                   | 74.00           | 11.50       | Peak   |
| 5   | 7734.44     | 36.57              | 19.09           | 45.81          | 36.40           | 65.07                   | 74.00           | 8.93        | Peak   |

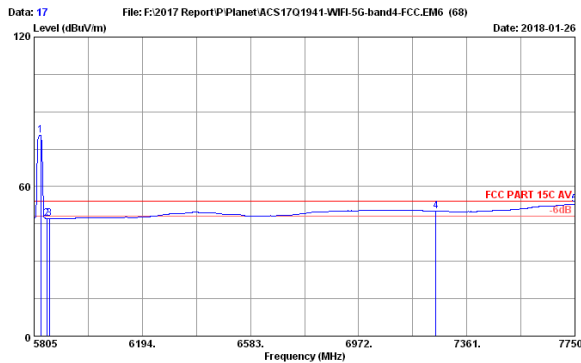
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 16  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5824.45     | 33.29              | 16.52           | 75.82          | 35.35           | 90.28                   | 54.00           | -36.28      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 33.39          | 35.43           | 47.86                   | 54.00           | 6.14        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 32.88          | 35.50           | 47.30                   | 54.00           | 6.70        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.69          | 37.26           | 50.09                   | 54.00           | 3.91        | Average |
| 5   | 7746.11     | 36.60              | 19.09           | 33.52          | 36.33           | 52.88                   | 54.00           | 1.12        | Average |

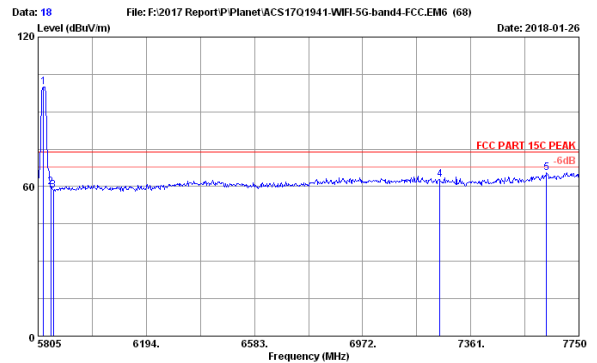
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5828.34     | 33.29              | 16.56           | 66.16          | 35.35           | 80.66                   | 54.00           | -26.66      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 32.57          | 35.43           | 47.04                   | 54.00           | 6.96        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 32.63          | 35.50           | 47.05                   | 54.00           | 6.95        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.68          | 37.26           | 50.08                   | 54.00           | 3.92        | Average |
| 5   | 7750.00     | 36.60              | 19.10           | 33.57          | 36.33           | 52.94                   | 54.00           | 1.06        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

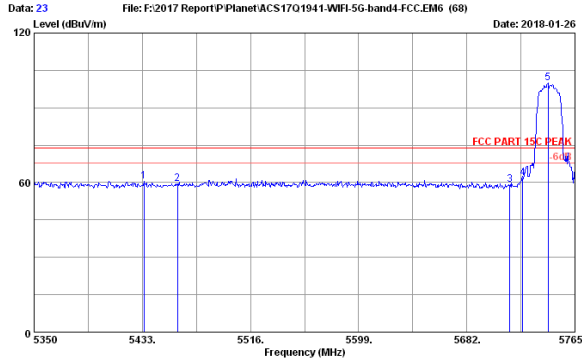


Site no. : 3m Chamber Data no. : 18  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5824.45     | 33.29              | 16.52           | 85.49          | 35.35           | 99.95                   | 74.00           | -25.95      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 45.22          | 35.43           | 59.69                   | 74.00           | 14.31       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 43.98          | 35.50           | 58.40                   | 74.00           | 15.60       | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 45.36          | 37.26           | 62.76                   | 74.00           | 11.24       | Peak   |
| 5   | 7633.30     | 36.37              | 19.00           | 46.81          | 36.67           | 65.51                   | 74.00           | 8.49        | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

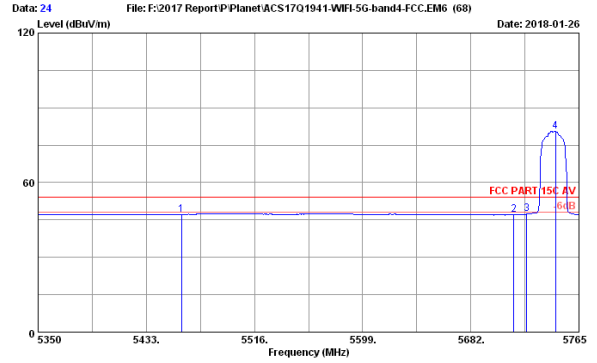




Site no. : 3m Chamber Data no. : 23  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEEE02.11nHT20 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5439.25     | 33.02              | 15.72           | 46.19          | 34.29           | 60.64                   | 74.00           | 13.36       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 44.93          | 34.33           | 59.34                   | 74.00           | 14.66       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 44.66          | 35.05           | 59.05                   | 74.00           | 14.95       | Peak   |
| 4   | 5725.00     | 33.17              | 16.33           | 47.51          | 35.05           | 61.96                   | 74.00           | 12.04       | Peak   |
| 5   | 5744.25     | 33.19              | 16.37           | 85.43          | 35.12           | 99.87                   | 74.00           | -25.87      | Peak   |

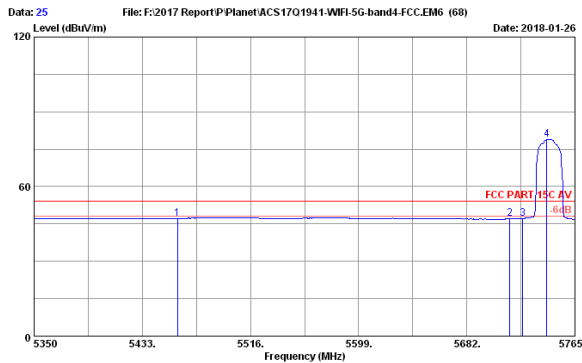
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEEE02.11nHT20 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.86          | 34.33           | 47.27                   | 54.00           | 6.73        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 32.63          | 35.05           | 47.02                   | 54.00           | 6.98        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 32.89          | 35.05           | 47.34                   | 54.00           | 6.66        | Average |
| 4   | 5747.16     | 33.19              | 16.37           | 66.07          | 35.12           | 80.51                   | 54.00           | -26.51      | Average |

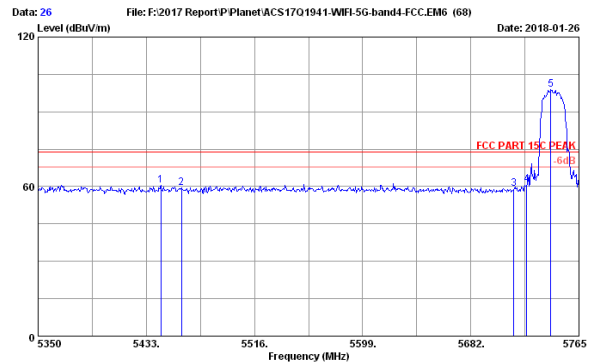
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 25  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEEE02.11nHT20 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.82          | 34.33           | 47.23                   | 54.00           | 6.77        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 32.62          | 35.05           | 47.01                   | 54.00           | 6.99        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 32.78          | 35.05           | 47.23                   | 54.00           | 6.77        | Average |
| 4   | 5743.42     | 33.19              | 16.37           | 64.58          | 35.12           | 79.02                   | 54.00           | -25.02      | Average |

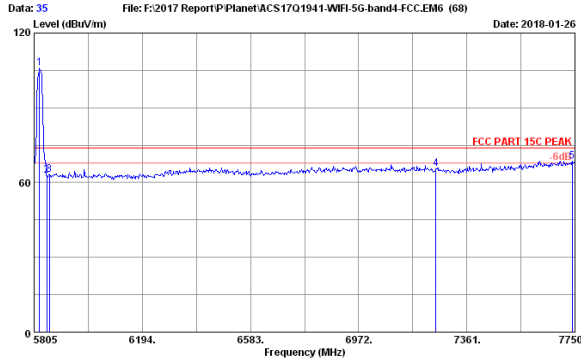
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 26  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEEE02.11nHT20 5745MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5444.21     | 33.02              | 15.72           | 46.07          | 34.29           | 60.52                   | 74.00           | 13.48       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 45.19          | 34.33           | 59.60                   | 74.00           | 14.40       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 44.65          | 35.05           | 59.04                   | 74.00           | 14.96       | Peak   |
| 4   | 5725.00     | 33.17              | 16.33           | 46.32          | 35.05           | 60.77                   | 74.00           | 13.23       | Peak   |
| 5   | 5743.42     | 33.19              | 16.37           | 84.47          | 35.12           | 98.91                   | 74.00           | -24.91      | Peak   |

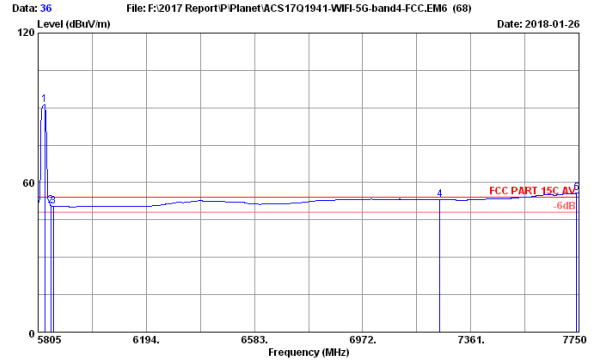
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5824.45     | 33.29              | 16.52           | 91.55          | 35.35           | 106.01                  | 74.00           | -32.01      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 48.52          | 35.43           | 62.99                   | 74.00           | 11.01       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 48.70          | 35.50           | 63.12                   | 74.00           | 10.88       | Peak   |
| 4   | 7250.14     | 35.96              | 18.70           | 48.02          | 37.26           | 65.42                   | 74.00           | 8.58        | Peak   |
| 5   | 7740.28     | 36.57              | 19.09           | 49.34          | 36.40           | 68.60                   | 74.00           | 5.40        | Peak   |

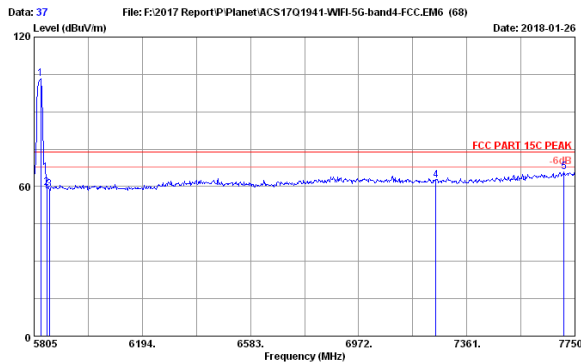
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 36  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5828.34     | 33.29              | 16.56           | 76.76          | 35.35           | 91.26                   | 54.00           | -37.26      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 36.42          | 35.43           | 50.89                   | 54.00           | 3.11        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 36.05          | 35.50           | 50.47                   | 54.00           | 3.53        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 35.61          | 37.26           | 53.01                   | 54.00           | 0.99        | Average |
| 5   | 7742.22     | 36.60              | 19.09           | 36.38          | 36.40           | 55.67                   | 54.00           | -1.67       | Average |

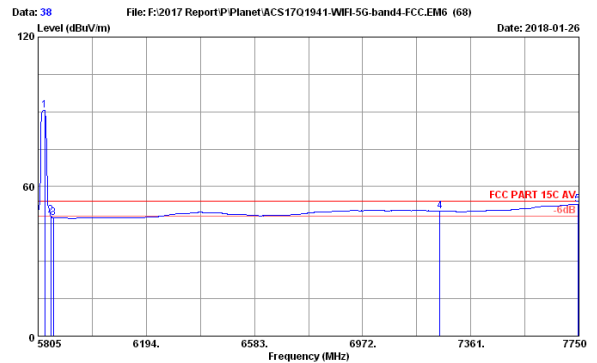
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5828.34     | 33.29              | 16.56           | 80.72          | 35.35           | 103.22                  | 74.00           | -29.22      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 45.06          | 35.43           | 59.53                   | 74.00           | 14.47       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 44.57          | 35.50           | 58.99                   | 74.00           | 15.01       | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 45.11          | 37.26           | 62.51                   | 74.00           | 11.49       | Peak   |
| 5   | 7711.10     | 36.53              | 19.06           | 46.85          | 36.47           | 65.97                   | 74.00           | 8.03        | Peak   |

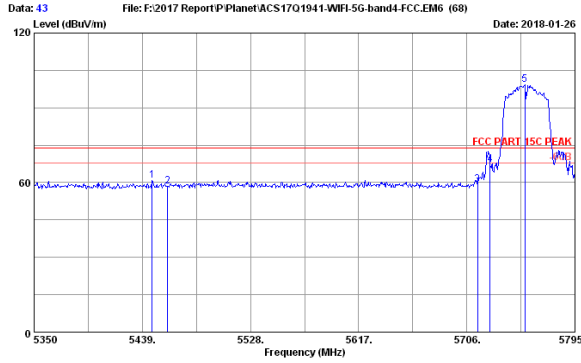
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 38  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 5825MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5828.34     | 33.29              | 16.56           | 76.24          | 35.35           | 90.74                   | 54.00           | -36.74      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 35.84          | 35.43           | 45.31                   | 54.00           | 5.69        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 32.95          | 35.50           | 47.37                   | 54.00           | 6.63        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.70          | 37.26           | 50.10                   | 54.00           | 3.90        | Average |
| 5   | 7746.11     | 36.60              | 19.09           | 33.47          | 36.33           | 52.83                   | 54.00           | 1.17        | Average |

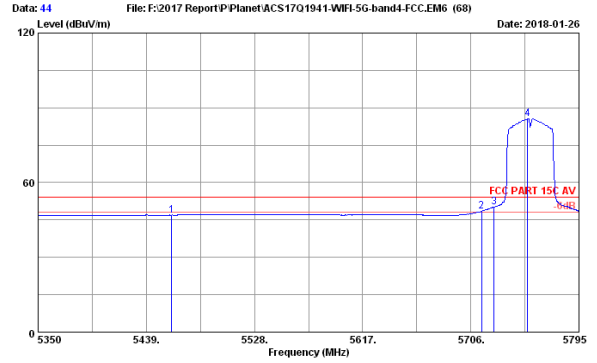
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 43  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5755MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5447.01     | 32.99              | 15.72           | 46.49          | 34.29           | 60.91                   | 74.00           | 13.09       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 44.25          | 34.33           | 58.66                   | 74.00           | 15.34       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 44.83          | 35.05           | 59.22                   | 74.00           | 14.78       | Peak   |
| 4   | 5725.00     | 33.17              | 16.33           | 52.83          | 35.05           | 67.28                   | 74.00           | 6.72        | Peak   |
| 5   | 5753.62     | 33.21              | 16.40           | 84.95          | 35.12           | 99.44                   | 74.00           | -25.44      | Peak   |

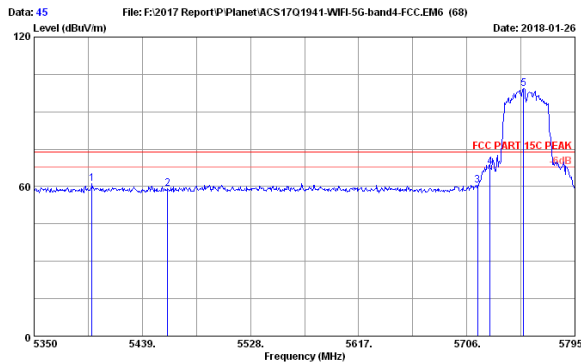
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 44  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5755MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.54          | 34.33           | 46.95                   | 54.00           | 7.05        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 34.04          | 35.05           | 48.43                   | 54.00           | 5.57        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 35.74          | 35.05           | 50.19                   | 54.00           | 3.81        | Average |
| 4   | 5752.73     | 33.21              | 16.37           | 71.07          | 35.12           | 85.53                   | 54.00           | -31.53      | Average |

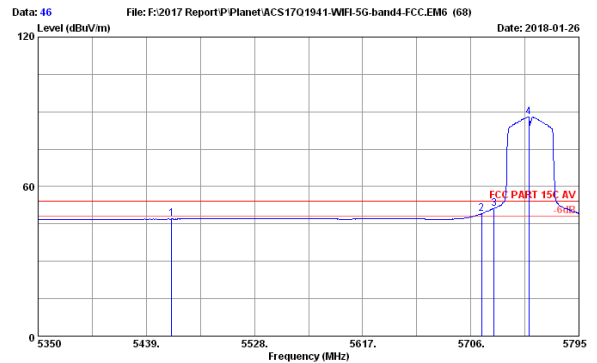
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5755MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5397.62     | 33.08              | 15.64           | 46.72          | 34.22           | 61.22                   | 74.00           | 12.78       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 44.76          | 34.33           | 59.17                   | 74.00           | 14.83       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 46.21          | 35.05           | 60.60                   | 74.00           | 13.40       | Peak   |
| 4   | 5725.14     | 33.17              | 16.33           | 53.31          | 35.05           | 67.76                   | 74.00           | 6.24        | Peak   |
| 5   | 5752.73     | 33.21              | 16.37           | 84.83          | 35.12           | 99.29                   | 74.00           | -25.29      | Peak   |

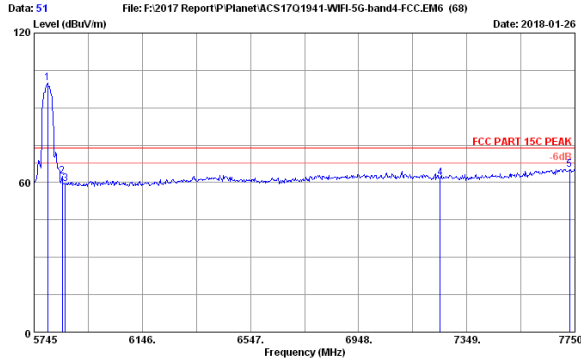
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 46  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5755MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.57          | 34.33           | 46.98                   | 54.00           | 7.02        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 34.69          | 35.05           | 49.08                   | 54.00           | 4.92        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 36.79          | 35.05           | 51.24                   | 54.00           | 2.76        | Average |
| 4   | 5753.62     | 33.21              | 16.40           | 73.39          | 35.12           | 87.88                   | 54.00           | -33.88      | Average |

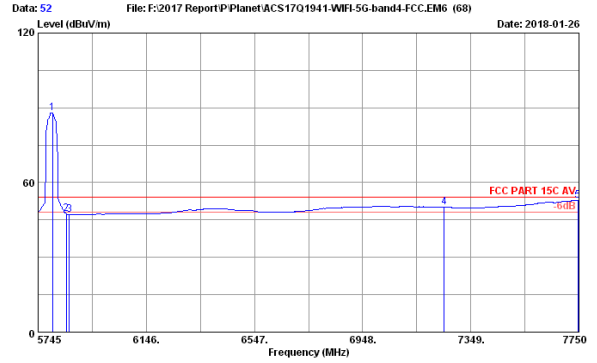
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 51  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5795MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5795.13     | 33.25              | 16.48           | 85.59          | 35.28           | 100.04                  | 74.00           | -26.04      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 45.11          | 35.43           | 62.58                   | 74.00           | 11.42       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 44.92          | 35.50           | 59.34                   | 74.00           | 14.66       | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 44.60          | 37.26           | 62.00                   | 74.00           | 12.00       | Peak   |
| 5   | 7729.95     | 36.57              | 19.07           | 46.03          | 36.40           | 65.27                   | 74.00           | 8.73        | Peak   |

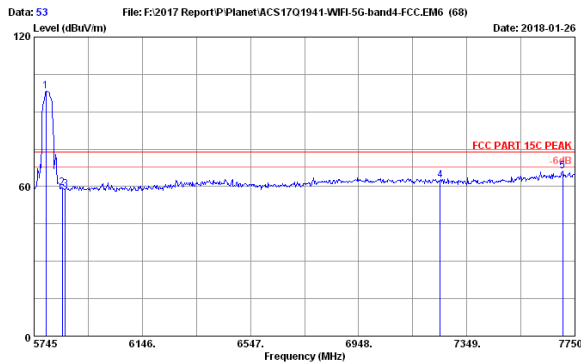
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 52  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5795MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5799.14     | 33.25              | 16.48           | 73.43          | 35.28           | 87.88                   | 54.00           | -33.88      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 33.00          | 35.43           | 47.47                   | 54.00           | 6.53        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 32.80          | 35.50           | 47.22                   | 54.00           | 6.78        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.64          | 37.26           | 50.04                   | 54.00           | 3.96        | Average |
| 5   | 7745.99     | 36.60              | 19.09           | 33.43          | 36.33           | 52.79                   | 54.00           | 1.21        | Average |

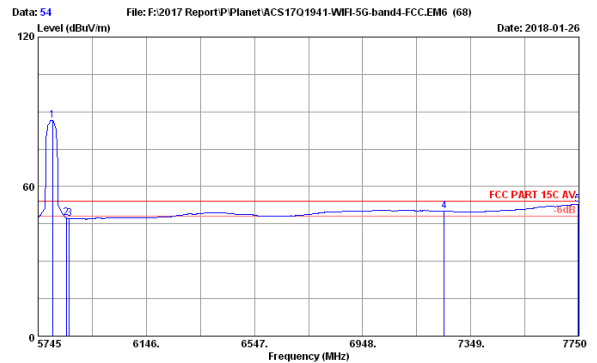
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 53  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5795MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5789.11     | 33.25              | 16.44           | 83.71          | 35.28           | 98.12                   | 74.00           | -24.12      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 45.11          | 35.43           | 59.58                   | 74.00           | 14.42       | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 44.50          | 35.50           | 58.92                   | 74.00           | 15.08       | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 45.19          | 37.26           | 62.59                   | 74.00           | 11.41       | Peak   |
| 5   | 7703.89     | 36.50              | 19.06           | 47.18          | 36.47           | 66.27                   | 74.00           | 7.73        | Peak   |

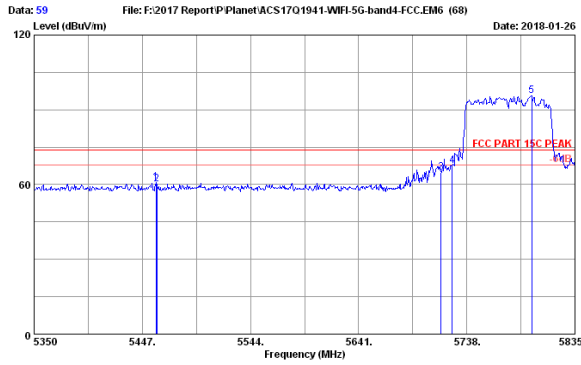
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 54  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 5795MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5799.14     | 33.25              | 16.48           | 72.25          | 35.28           | 86.70                   | 54.00           | -32.70      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 32.93          | 35.43           | 47.40                   | 54.00           | 6.60        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 32.72          | 35.50           | 47.14                   | 54.00           | 6.86        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.61          | 37.26           | 50.01                   | 54.00           | 3.99        | Average |
| 5   | 7745.99     | 36.60              | 19.09           | 33.44          | 36.33           | 52.80                   | 54.00           | 1.20        | Average |

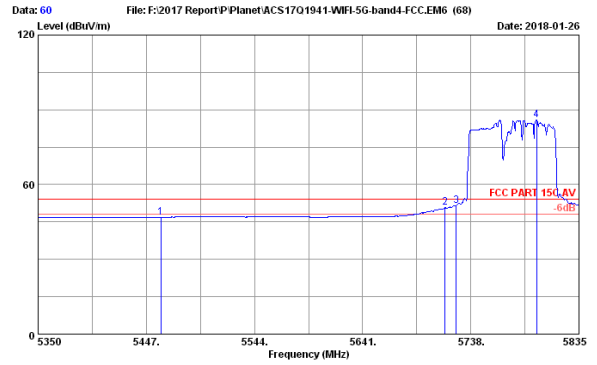
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 59  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5459.13     | 32.99              | 15.75           | 46.46          | 34.33           | 60.87                   | 74.00           | 13.13       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 45.71          | 34.33           | 60.12                   | 74.00           | 13.88       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 50.49          | 35.05           | 64.88                   | 74.00           | 9.12        | Peak   |
| 4   | 5725.00     | 33.17              | 16.33           | 53.08          | 35.05           | 67.53                   | 74.00           | 6.47        | Peak   |
| 5   | 5796.20     | 33.25              | 16.48           | 81.29          | 35.28           | 95.74                   | 74.00           | -21.74      | Peak   |

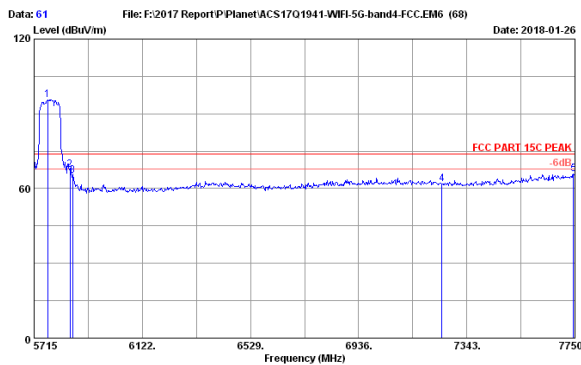
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 60  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.47          | 34.33           | 46.88                   | 54.00           | 7.12        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 36.31          | 35.05           | 50.70                   | 54.00           | 3.30        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 37.16          | 35.05           | 51.61                   | 54.00           | 2.39        | Average |
| 4   | 5797.17     | 33.25              | 16.48           | 71.41          | 35.28           | 85.66                   | 54.00           | -31.66      | Average |

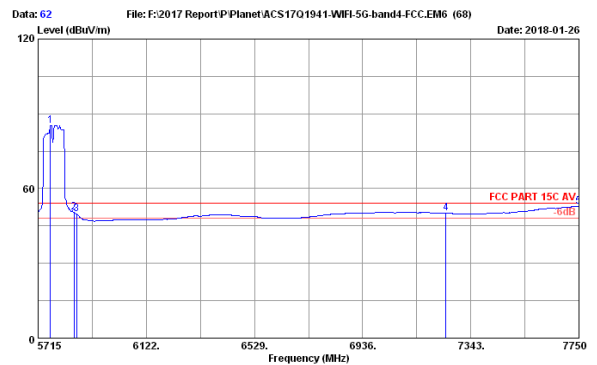
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 61  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5765.88     | 33.21              | 16.40           | 61.29          | 35.20           | 95.70                   | 74.00           | -21.70      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 53.13          | 35.43           | 67.60                   | 74.00           | 6.40        | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 50.66          | 35.50           | 65.08                   | 74.00           | 8.92        | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 44.50          | 37.26           | 61.90                   | 74.00           | 12.10       | Peak   |
| 5   | 7743.90     | 36.60              | 19.09           | 46.50          | 36.40           | 65.79                   | 74.00           | 8.21        | Peak   |

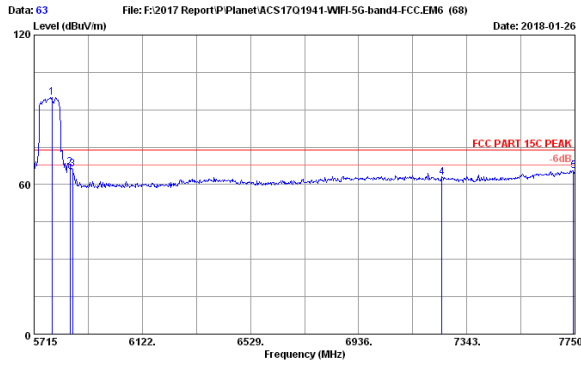
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 62  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5761.61     | 33.21              | 16.40           | 70.93          | 35.20           | 85.34                   | 54.00           | -31.34      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 35.93          | 35.43           | 50.40                   | 54.00           | 3.60        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 35.29          | 35.50           | 49.71                   | 54.00           | 4.29        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.63          | 37.26           | 50.03                   | 54.00           | 3.97        | Average |
| 5   | 7750.00     | 36.60              | 19.10           | 33.43          | 36.33           | 52.80                   | 54.00           | 1.20        | Average |

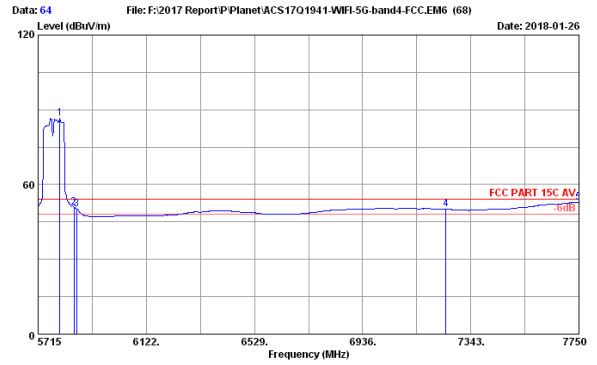
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 63  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5782.16     | 33.23              | 16.44           | 80.55          | 35.28           | 94.94                   | 74.00           | -20.94      | Peak   |
| 2   | 5850.00     | 33.31              | 16.59           | 52.55          | 35.43           | 67.02                   | 74.00           | 6.98        | Peak   |
| 3   | 5860.00     | 33.33              | 16.59           | 51.68          | 35.50           | 66.10                   | 74.00           | 7.90        | Peak   |
| 4   | 7250.00     | 35.96              | 18.70           | 45.48          | 37.26           | 62.88                   | 74.00           | 11.12       | Peak   |
| 5   | 7743.90     | 36.60              | 19.09           | 46.38          | 36.40           | 65.67                   | 74.00           | 8.33        | Peak   |

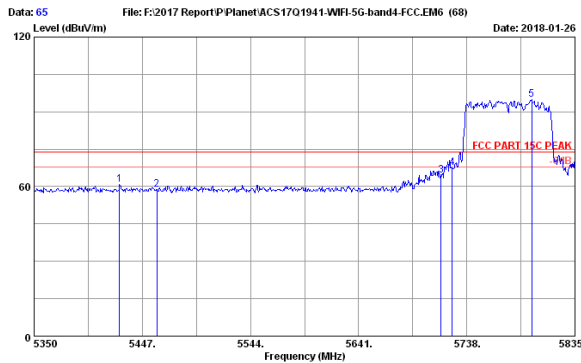
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 64  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5796.40     | 33.25              | 16.48           | 72.13          | 35.28           | 86.58                   | 54.00           | -32.58      | Average |
| 2   | 5850.00     | 33.31              | 16.59           | 36.46          | 35.43           | 50.93                   | 54.00           | 3.07        | Average |
| 3   | 5860.00     | 33.33              | 16.59           | 35.75          | 35.50           | 50.17                   | 54.00           | 3.83        | Average |
| 4   | 7250.00     | 35.96              | 18.70           | 32.60          | 37.26           | 50.00                   | 54.00           | 4.00        | Average |
| 5   | 7750.00     | 36.60              | 19.10           | 33.43          | 36.33           | 52.80                   | 54.00           | 1.20        | Average |

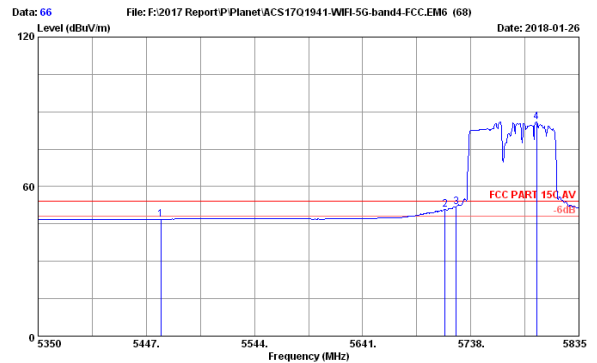
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 65  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|--------|
| 1   | 5426.63     | 33.05              | 15.60           | 46.36          | 34.29           | 60.80                   | 74.00           | 13.20       | Peak   |
| 2   | 5460.00     | 32.99              | 15.75           | 44.45          | 34.33           | 58.86                   | 74.00           | 15.14       | Peak   |
| 3   | 5715.00     | 33.15              | 16.29           | 50.10          | 35.05           | 64.49                   | 74.00           | 9.51        | Peak   |
| 4   | 5725.00     | 33.17              | 16.33           | 53.03          | 35.05           | 67.48                   | 74.00           | 6.52        | Peak   |
| 5   | 5796.20     | 33.25              | 16.48           | 80.45          | 35.28           | 94.90                   | 74.00           | -20.90      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 66  
 Dis. / Ant. : 3m 2017 ANT 3006 HF Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 23.1°C/52.5% Engineer : Kayle  
 EUT : Gemini M/N:Gemini WiFi  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT80 5775MHz Tx Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Amp factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark  |
|-----|-------------|--------------------|-----------------|----------------|-----------------|-------------------------|-----------------|-------------|---------|
| 1   | 5460.00     | 32.99              | 15.75           | 32.50          | 34.33           | 46.91                   | 54.00           | 7.09        | Average |
| 2   | 5715.00     | 33.15              | 16.29           | 36.50          | 35.05           | 50.89                   | 54.00           | 3.11        | Average |
| 3   | 5725.00     | 33.17              | 16.33           | 37.46          | 35.05           | 51.91                   | 54.00           | 2.09        | Average |
| 4   | 5797.17     | 33.25              | 16.48           | 71.58          | 35.28           | 86.03                   | 54.00           | -32.03      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp factor.  
 2. The emission levels that are 20dB below the official limit are not reported.