



FCC RF Test Report

APPLICANT : Amazon.com Services, LLC
EQUIPMENT : Digital Media Receiver
FCC ID : 2AZ5B21A01
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : May 01, 2021 ~ May 30, 2021

We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager



Sporton International (Kunshan) Inc.

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People's Republic of China**



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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION | ISSUED DATE |
|--------------|---------|-------------------------------------|---------------|
| FR082617-01D | Rev. 01 | Initial issue of report | Jun. 09, 2021 |
| FR082617-01D | Rev. 02 | Revised report based on TCB comment | Jul. 01, 2021 |
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SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result |
|----------------|--------------------|--|--------------------------|--------|
| 3.1 | 2.1049 & 15.403(i) | 26dB & 99% Bandwidth | - | N/A |
| 3.2 | 15.407(a) | Maximum Conducted Output Power | ≤ 24 dBm | Pass |
| 3.3 | 15.407(a) | Power Spectral Density | ≤ 11 dBm | Pass |
| 3.4 | 15.407(b) | Unwanted Emissions | 15.407(b) & 15.209(a) | Pass |
| 3.5 | 15.207 | AC Conducted Emission | 15.207(a) | Pass |
| 3.6 | 15.407(c) | Automatically Discontinue Transmission | Discontinue Transmission | Pass |
| 3.7 | 15.203 & 15.407(a) | Antenna Requirement | N/A | N/A |

| |
|--|
| Declaration of Conformity: |
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. |
| Comments and Explanations: |
| The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. |



1 General Description

1.1 Applicant

Amazon.com Services, LLC
410 Terry Ave N Seattle, WA 98109

1.2 Product Feature of Equipment Under Test

| Product Feature | |
|---------------------------------|--|
| Equipment | Digital Media Receiver |
| FCC ID | 2AZ5B21A01 |
| EUT supports Radios application | WLAN 2.4GHz 802.11b/g/n HT20 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE |

1.3 Product Specification of Equipment Under Test

| Standards-related Product Specification | | | | | | | |
|---|--|--------|--------|--------|--------------------|---|---|
| Tx/Rx Frequency Range | 5180 MHz ~ 5240 MHz | | | | | | |
| Maximum Output Power to Antenna | <5180 MHz ~ 5240 MHz> 802.11a : 19.13 dBm / 0.0818 W 802.11n HT20 : 19.10 dBm / 0.0813 W 802.11n HT40 : 20.13 dBm / 0.1030 W 802.11ac VHT20 : 18.90 dBm / 0.0776 W 802.11ac VHT40 : 20.00 dBm / 0.1000 W 802.11ac VHT80 : 16.46 dBm / 0.0443 W | | | | | | |
| 99% Occupied Bandwidth | 802.11a : 23.13 MHz 802.11n HT20 : 25.77 MHz 802.11n HT40 : 36.86 MHz 802.11ac VHT20 : 18.38 MHz 802.11ac VHT40 : 36.76 MHz 802.11ac VHT80 : 75.64 MHz | | | | | | |
| Antenna Type / Gain | <Ant. 1> : Fixed internal Antenna with gain 4.60 dBi <Ant. 2> : Fixed internal Antenna with gain 4.40 dBi | | | | | | |
| Type of Modulation | 802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) | | | | | | |
| Antenna Function Description | <table border="1"> <thead> <tr> <th></th> <th>Ant. 1</th> <th>Ant. 2</th> </tr> </thead> <tbody> <tr> <td>802.11 a/n/ac MIMO</td> <td>V</td> <td>V</td> </tr> </tbody> </table> | | Ant. 1 | Ant. 2 | 802.11 a/n/ac MIMO | V | V |
| | Ant. 1 | Ant. 2 | | | | | |
| 802.11 a/n/ac MIMO | V | V | | | | | |

1.4 Modification of EUT

No modifications are made to the EUT during all test items.



1.5 Testing Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

| | | | |
|---------------------------|--|----------------------------|---------------------------------------|
| Test Firm | Sporton International (Kunshan) Inc. | | |
| Test Site Location | No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958 | | |
| Test Site No. | Sporton Site No. | FCC Designation No. | FCC Test Firm Registration No. |
| | CO01-KS 03CH06-KS TH01-KS | CN1257 | 314309 |

1.6 Test Software

| Item | Site | Manufacturer | Name | Version |
|------|-----------|---------------|-------|---------------|
| 1. | 03CH06-KS | AUDIX | E3 | 6.2009-8-24a1 |
| 2. | CO01-KS | Rohde&Schwarz | EMC32 | 10.60.0.0 |

1.7 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|--------------------------|---------|-------------|---------|-------------|
| 5180-5240 MHz U-NII-1 | 36 | 5180 | 44 | 5220 |
| | 38 | 5190 | 46 | 5230 |
| | 40 | 5200 | 48 | 5240 |
| | 42 | 5210 | | |



2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

MIMO Mode

| Modulation | Data Rate |
|----------------|-----------|
| 802.11a | 6 Mbps |
| 802.11n HT20 | MCS0 |
| 802.11n HT40 | MCS0 |
| 802.11ac VHT20 | MCS0 |
| 802.11ac VHT40 | MCS0 |
| 802.11ac VHT80 | MCS0 |

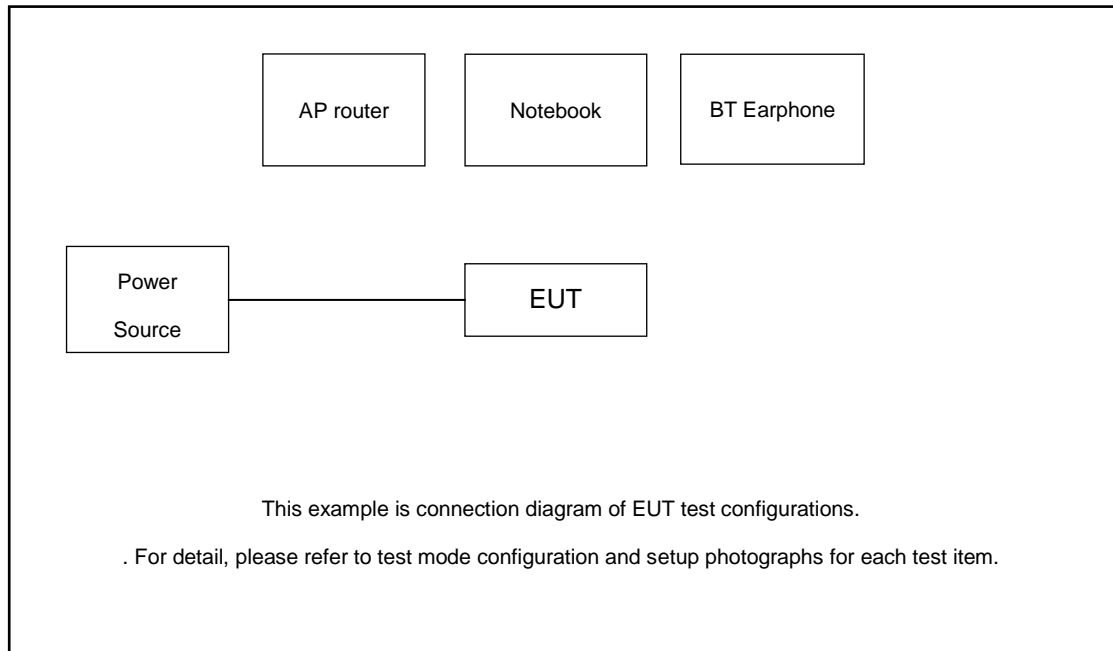
| Test Cases | |
|--|--|
| AC Conducted Emission | Mode 1 : Bluetooth Link + WLAN (5G) Link + Display + Video Play + Power from Adapter |
| Remark: For Radiated Test Cases, The tests were performed with Adapter. | |

| Ch. # | | U-NII-1 : 5180-5240 MHz | U-NII-1 : 5180-5240 MHz | U-NII-1 : 5180-5240 MHz |
|-------|--------|-------------------------|-------------------------|-------------------------|
| | | 802.11a | 802.11n HT20 | 802.11n HT40 |
| L | Low | 36 | 36 | 38 |
| M | Middle | 44 | 44 | - |
| H | High | 48 | 48 | 46 |

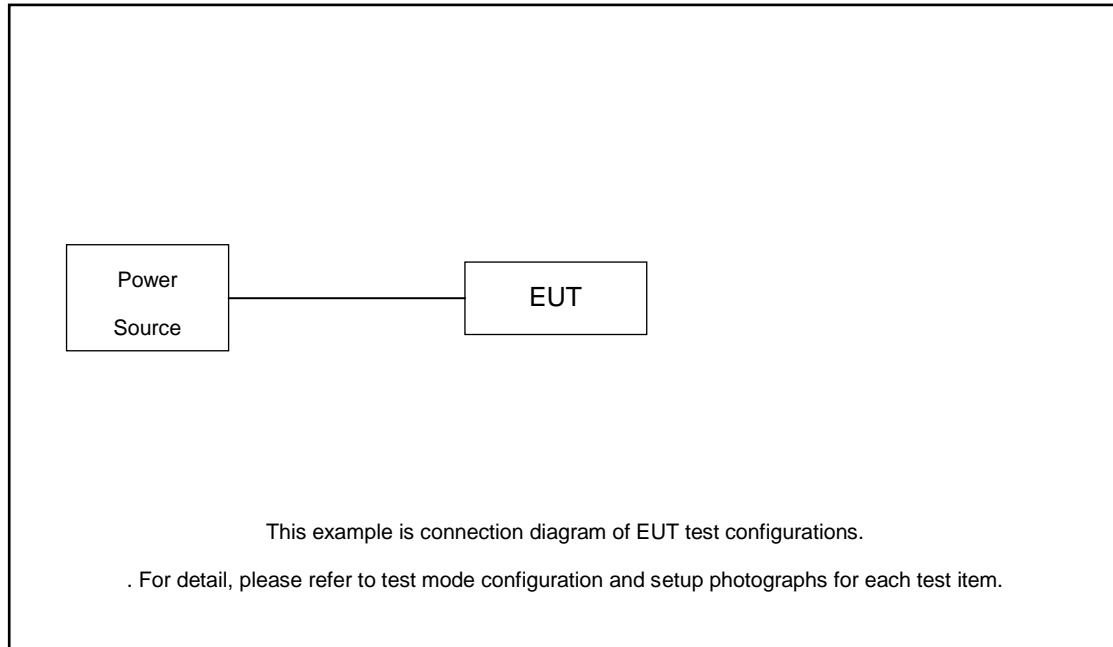
| Ch. # | | U-NII-1 : 5180-5240 MHz | U-NII-1 : 5180-5240 MHz | U-NII-1 : 5180-5240 MHz |
|-------|--------|-------------------------|-------------------------|-------------------------|
| | | 802.11ac VHT20 | 802.11ac VHT40 | 802.11ac VHT80 |
| L | Low | 36 | 38 | - |
| M | Middle | 44 | - | 42 |
| H | High | 48 | 46 | - |

2.3 Connection Diagram of Test System

For Conducted Emission:



For Radiated Emission:





2.4 Support Unit used in test configuration and system

| Item | Equipment | Model Name | FCC ID | Data Cable | Power Cord |
|------|--------------------|------------|---------------|------------|--|
| 1. | WLAN AP | DIR-655 | KA21R655B1 | N/A | Unshielded, 1.8m |
| 2. | Notebook | G480 | QDS-BRCM1050I | N/A | AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m |
| 3. | Bluetooth Earphone | LBH308 | N/A | N/A | N/A |

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the Bluetooth Earphone and WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 7.2 dB.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 7.2 \text{ (dB)} \end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

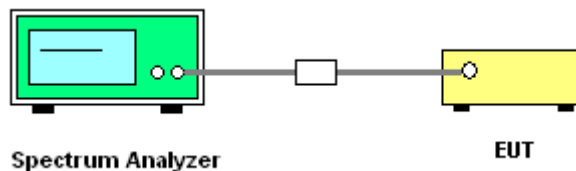
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

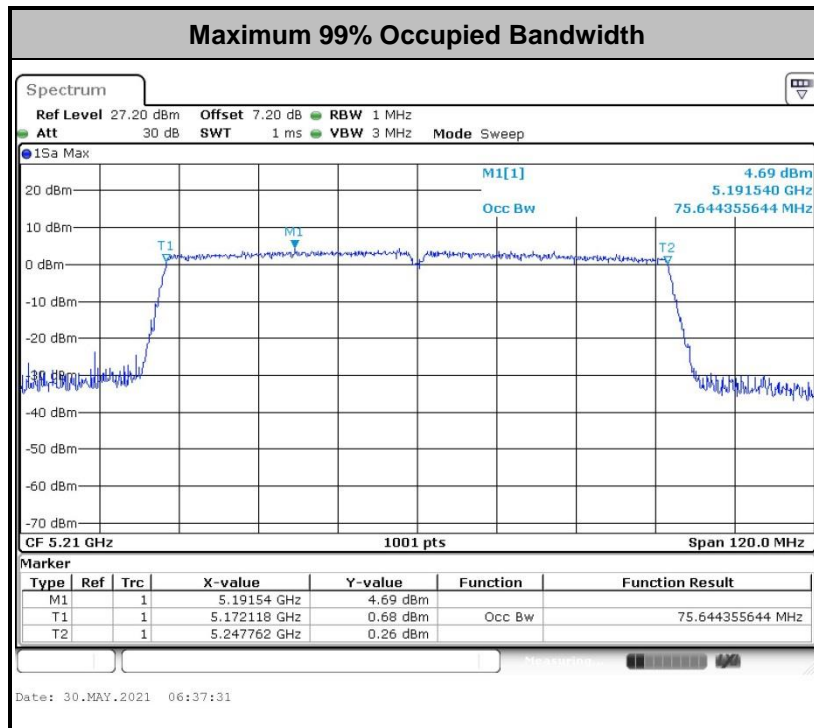
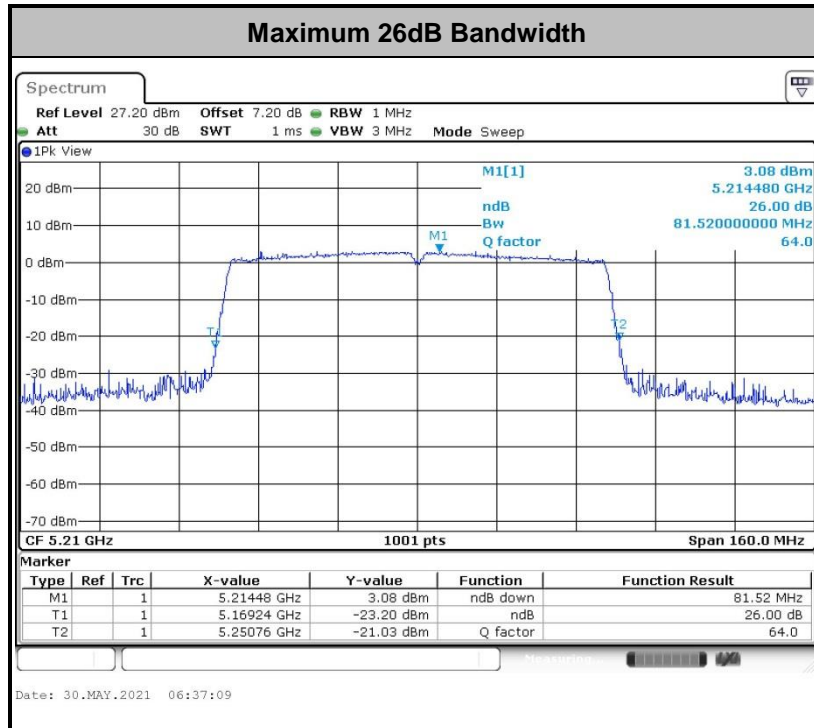
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1MHz and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

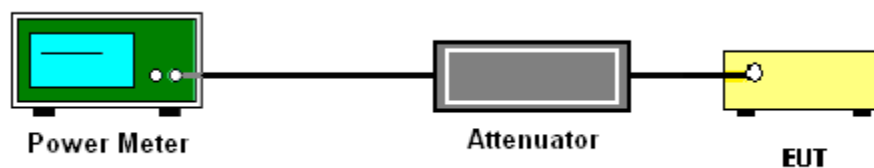
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

Method SA-2

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

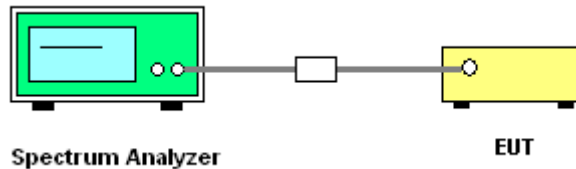
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW \geq 3 MHz.
- Number of points in sweep \geq 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

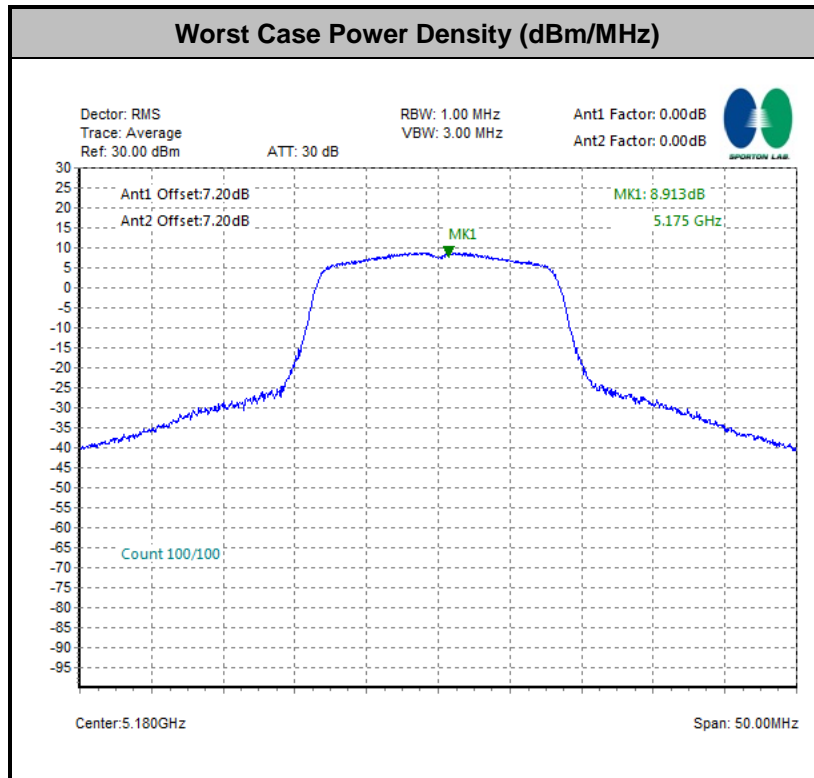
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.





3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.
- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

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

| EIRP (dBm) | Field Strength at 3m (dBµV/m) |
|------------|-------------------------------|
| - 27 | 68.3 |

Note: The following formula is used to convert the EIRP to field strength.

$$EIRP = E_{Meas} + 20\log (d_{Meas}) -104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBµV/m

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.



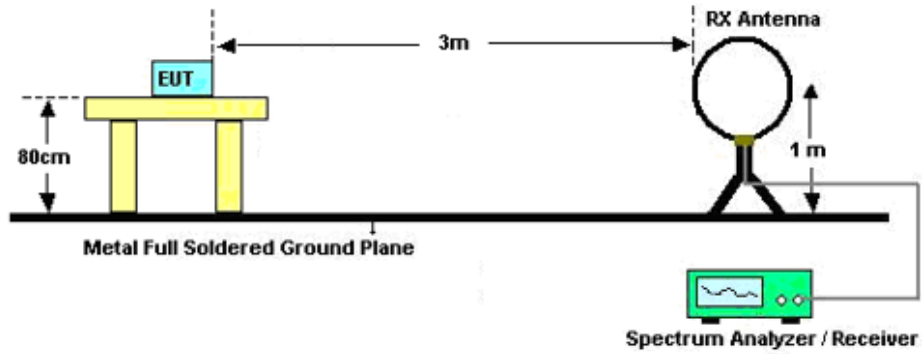
3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW \geq 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
 - Detector = Peak
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in

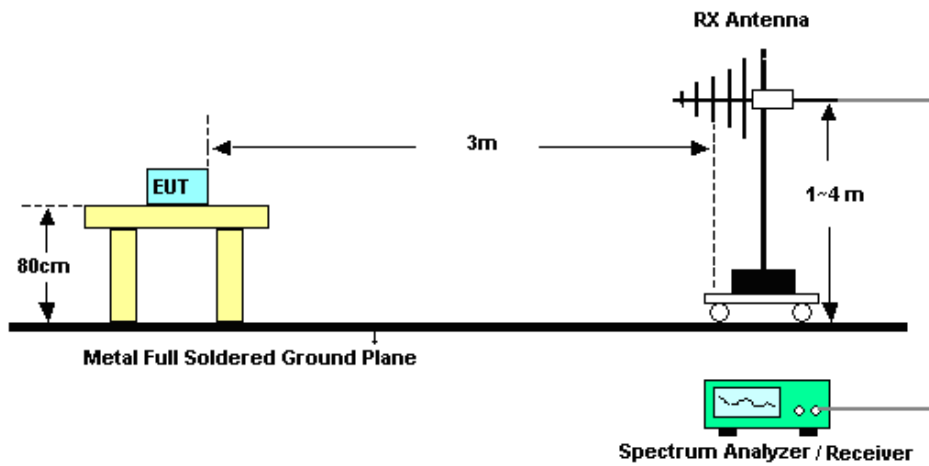
average mode again and reported.

3.4.4 Test Setup

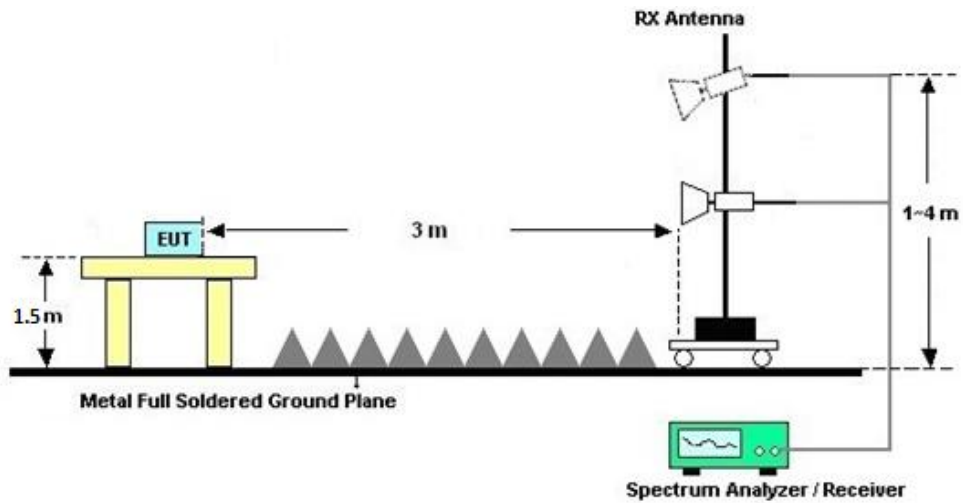
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C & D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C & D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

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

*Decreases with the logarithm of the frequency.

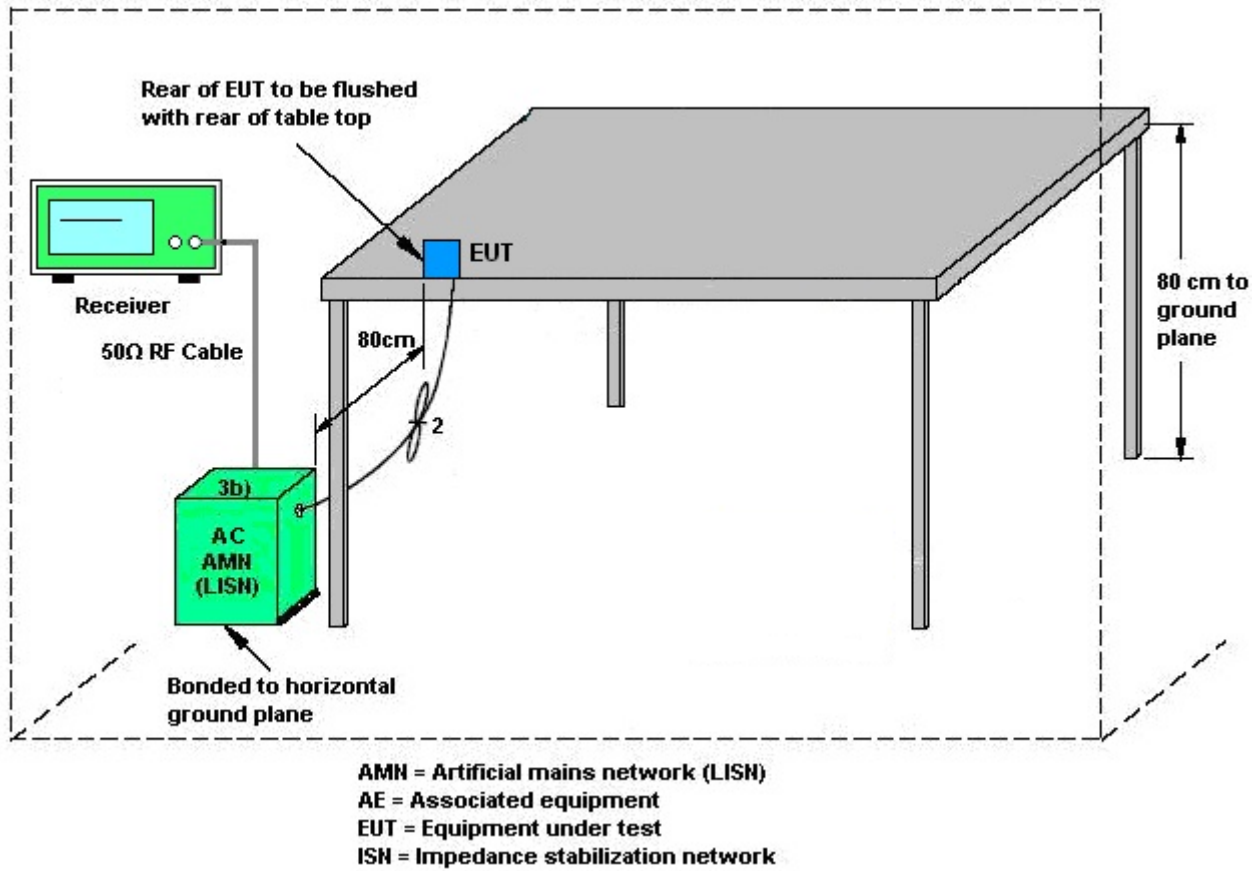
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

| <CDD Modes> | | | | | | |
|--------------------------|-------------------------|-------------------------|---------------------------------------|-------------------------------------|---|---|
| | | | DG for Power (dBi) | DG for PSD (dBi) | Power Limit Reduction (dB) | PSD Limit Reduction (dB) |
| | Ant. 1 (dBi) | Ant. 2 (dBi) | | | | |
| Band I | 4.60 | 4.40 | 4.60 | 7.51 | 0.00 | 1.51 |

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)



4 List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-----------------------------------|--------------|------------------------|--------------|-------------------------|------------------|--------------|---------------|-----------------------|
| Spectrum Analyzer | R&S | FSV40 | 101040 | 10Hz~40GHz | Nov. 01, 2020 | May 30, 2021 | Oct. 31, 2021 | Conducted (TH01-KS) |
| Pulse Power Sensor | Anritsu | MA2411B | 0917070 | 300MHz~40GHz | Jan. 07, 2021 | May 30, 2021 | Jan. 06, 2022 | Conducted (TH01-KS) |
| Power Meter | Anritsu | ML2495A | 1005002 | 50MHz Bandwidth | Jan. 07, 2021 | May 30, 2021 | Jan. 06, 2022 | Conducted (TH01-KS) |
| EMI Test Receiver | Keysight | N9038A | MY56400004 | 3Hz~8.5GHz;Max 30dBm | Oct. 17, 2020 | May 01, 2021 | Oct. 16, 2021 | Radiation (03CH06-KS) |
| EXA Spectrum Analyzer | Keysight | N9010A | MY55150208 | 10Hz~44GHz | Apr. 12, 2021 | May 01, 2021 | Apr. 11, 2022 | Radiation (03CH06-KS) |
| Loop Antenna | R&S | HFH2-Z2 | 100321 | 9kHz~30MHz | Nov. 01, 2020 | May 01, 2021 | Oct. 31, 2021 | Radiation (03CH06-KS) |
| Bilog Antenna | TeseQ | CBL6111D | 49921 | 30MHz~1GHz | May 29, 2020 | May 01, 2021 | May 28, 2021 | Radiation (03CH06-KS) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117 | 00218652 | 1GHz~18GHz | Apr. 25, 2021 | May 01, 2021 | Apr. 24, 2022 | Radiation (03CH06-KS) |
| SHF-EHF Horn | Com-power | AH-840 | 101115 | 18GHz~40GHz | Nov. 10, 2020 | May 01, 2021 | Nov. 09, 2021 | Radiation (03CH06-KS) |
| Amplifier | SONOMA | 310N | 187289 | 9KHz ~1GHZ | Apr. 12, 2021 | May 01, 2021 | Apr. 11, 2022 | Radiation (03CH06-KS) |
| Amplifier | MITEQ | EM18G40GGA | 060728 | 18~40GHz | Jan. 06, 2021 | May 01, 2021 | Jan. 05, 2022 | Radiation (03CH06-KS) |
| high gain Amplifier | MITEQ | AMF-7D-00101800-30-10P | 2025788 | 1Ghz-18Ghz | Jan. 06, 2021 | May 01, 2021 | Jan. 05, 2022 | Radiation (03CH06-KS) |
| Amplifier | Keysight | 83017A | MY53270203 | 500MHz~26.5GHz | Apr. 13, 2021 | May 01, 2021 | Apr. 12, 2022 | Radiation (03CH06-KS) |
| AC Power Source | Chroma | 61601 | F104090004 | N/A | NCR | May 01, 2021 | NCR | Radiation (03CH06-KS) |
| Turn Table | ChamPro | EM 1000-T | 060762-T | 0~360 degree | NCR | May 01, 2021 | NCR | Radiation (03CH06-KS) |
| Antenna Mast | ChamPro | EM 1000-A | 060762-A | 1 m~4 m | NCR | May 01, 2021 | NCR | Radiation (03CH06-KS) |
| EMI Receiver | R&S | ESCI7 | 100768 | 9kHz~7GHz; | Apr. 21, 2021 | May 06, 2021 | Apr. 20, 2022 | Conduction (CO01-KS) |
| AC LISN (for auxiliary equipment) | MessTec | AN3016 | 060103 | 9kHz~30MHz | Oct. 17, 2020 | May 06, 2021 | Oct. 16, 2021 | Conduction (CO01-KS) |
| AC LISN | MessTec | AN3016 | 060105 | 9kHz~30MHz | Apr. 13, 2021 | May 06, 2021 | Apr. 12, 2022 | Conduction (CO01-KS) |
| AC Power Source | Chroma | 61602 | ABP000000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 17, 2020 | May 06, 2021 | Oct. 16, 2021 | Conduction (CO01-KS) |

NCR: No Calibration Required



5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

| | |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.94dB |
|---|--------|

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|



Appendix A. Conducted Test Results

| | | | | |
|----------------|-----------|--------------------|-------|----|
| Test Engineer: | HeYong | Temperature: | 21~25 | °C |
| Test Date: | 2021/5/30 | Relative Humidity: | 51~54 | % |

TEST RESULTS DATA
26dB and 99% OBW

| U-NII-1 | | | | | | | | | | | | | |
|---------|-----------|-----|-----|-------------|---------------------|-------|-----------------------|-------|------------------------------------|-------|-----------------------------------|-------|------|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | Note |
| | | | | | Ant 1 | Ant 2 | Ant 1 | Ant 2 | Ant 1 | Ant 2 | Ant 1 | Ant 2 | |
| 11a | 6Mbps | 2 | 36 | 5180 | 17.53 | 17.53 | 22.43 | 22.53 | - | - | 22.44 | | |
| 11a | 6Mbps | 2 | 44 | 5220 | 23.13 | 22.88 | 36.71 | 36.11 | - | - | 23.01 | | |
| 11a | 6Mbps | 2 | 48 | 5240 | 22.83 | 22.98 | 36.11 | 36.36 | - | - | 23.01 | | |
| HT20 | MCS0 | 2 | 36 | 5180 | 18.58 | 18.38 | 24.13 | 24.73 | - | - | 22.64 | | |
| HT20 | MCS0 | 2 | 44 | 5220 | 24.88 | 25.77 | 38.86 | 39.66 | - | - | 23.01 | | |
| HT20 | MCS0 | 2 | 48 | 5240 | 21.88 | 22.78 | 35.51 | 36.21 | - | - | 23.01 | | |
| HT40 | MCS0 | 2 | 38 | 5190 | 36.46 | 36.46 | 41.45 | 41.27 | - | - | 23.01 | | |
| HT40 | MCS0 | 2 | 46 | 5230 | 36.76 | 36.86 | 43.43 | 42.44 | - | - | 23.01 | | |
| VHT20 | MCS0 | 2 | 36 | 5180 | 18.38 | 18.28 | 21.38 | 21.48 | - | - | 22.62 | | |
| VHT20 | MCS0 | 2 | 44 | 5220 | 18.38 | 18.18 | 21.38 | 21.58 | - | - | 22.60 | | |
| VHT20 | MCS0 | 2 | 48 | 5240 | 18.33 | 18.18 | 21.98 | 21.73 | - | - | 22.60 | | |
| VHT40 | MCS0 | 2 | 38 | 5190 | 36.46 | 36.56 | 41.45 | 41.36 | - | - | 23.01 | | |
| VHT40 | MCS0 | 2 | 46 | 5230 | 36.76 | 36.66 | 43.52 | 41.81 | - | - | 23.01 | | |
| VHT80 | MCS0 | 2 | 42 | 5210 | 75.64 | 75.64 | 81.52 | 81.36 | - | - | 23.01 | | |

TEST RESULTS DATA
Average Power Table

| FCC U-NII-1 | | | | | | | | | | | | | | |
|-------------|-----------|-----|-----|-------------|------------------|-------|-------------------------------|-------|-------|---------------------------------|-------|----------|-------|-----------|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | Pass/Fail |
| | | | | | Ant 1 | Ant 2 | Ant 1 | Ant 2 | SUM | Ant 1 | Ant 2 | Ant 1 | Ant 2 | |
| 11a | 6Mbps | 2 | 36 | 5180 | 0.00 | 0.00 | 16.46 | 15.74 | 19.13 | 24.00 | | 4.60 | Pass | |
| 11a | 6Mbps | 2 | 44 | 5220 | 0.00 | 0.00 | 15.92 | 15.84 | 18.89 | 24.00 | | 4.60 | Pass | |
| 11a | 6Mbps | 2 | 48 | 5240 | 0.00 | 0.00 | 16.08 | 15.85 | 18.98 | 24.00 | | 4.60 | Pass | |
| HT20 | MCS0 | 2 | 36 | 5180 | 0.00 | 0.00 | 16.33 | 15.83 | 19.10 | 24.00 | | 4.60 | Pass | |
| HT20 | MCS0 | 2 | 44 | 5220 | 0.00 | 0.00 | 15.88 | 15.95 | 18.93 | 24.00 | | 4.60 | Pass | |
| HT20 | MCS0 | 2 | 48 | 5240 | 0.00 | 0.00 | 15.94 | 15.93 | 18.95 | 24.00 | | 4.60 | Pass | |
| HT40 | MCS0 | 2 | 38 | 5190 | 0.00 | 0.00 | 13.29 | 12.69 | 16.01 | 24.00 | | 4.60 | Pass | |
| HT40 | MCS0 | 2 | 46 | 5230 | 0.00 | 0.00 | 17.22 | 17.02 | 20.13 | 24.00 | | 4.60 | Pass | |
| VHT20 | MCS0 | 2 | 36 | 5180 | 0.00 | 0.00 | 15.75 | 14.95 | 18.38 | 24.00 | | 4.60 | Pass | |
| VHT20 | MCS0 | 2 | 44 | 5220 | 0.00 | 0.00 | 15.80 | 15.92 | 18.87 | 24.00 | | 4.60 | Pass | |
| VHT20 | MCS0 | 2 | 48 | 5240 | 0.00 | 0.00 | 15.91 | 15.87 | 18.90 | 24.00 | | 4.60 | Pass | |
| VHT40 | MCS0 | 2 | 38 | 5190 | 0.00 | 0.00 | 13.12 | 12.99 | 16.07 | 24.00 | | 4.60 | Pass | |
| VHT40 | MCS0 | 2 | 46 | 5230 | 0.00 | 0.00 | 17.06 | 16.92 | 20.00 | 24.00 | | 4.60 | Pass | |
| VHT80 | MCS0 | 2 | 42 | 5210 | 0.00 | 0.00 | 13.86 | 12.99 | 16.46 | 24.00 | | 4.60 | Pass | |

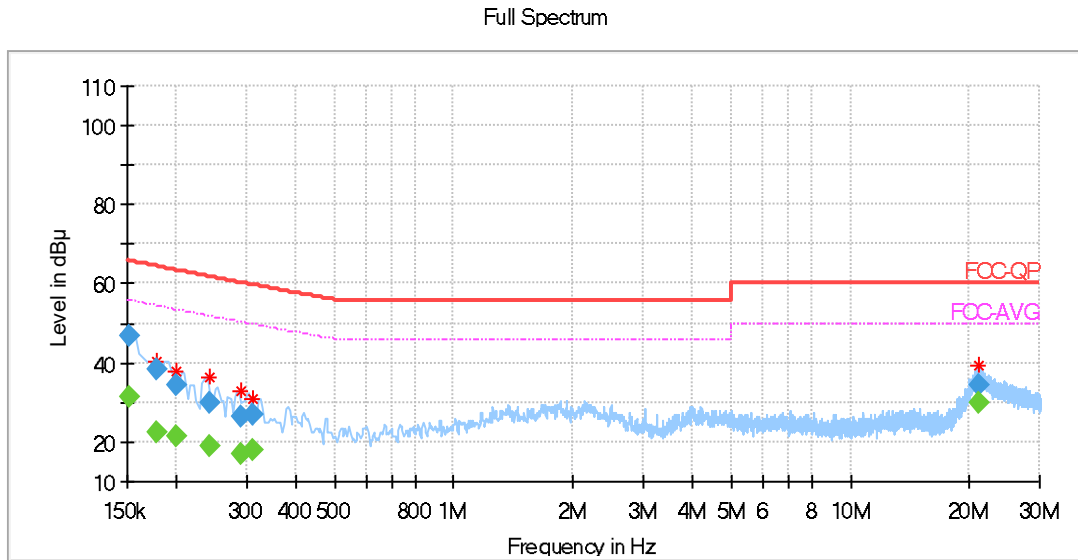
TEST RESULTS DATA
Power Spectral Density

| FCC U-NII-1 | | | | | | | | | | | | | | |
|-------------|-----------|-----|-----|-------------|------------------|-------|---------------------------------|-------|-------|-----------------------------|-------|----------|-------|------------|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | Pass /Fail |
| | | | | | Ant 1 | Ant 2 | Ant 1 | Ant 2 | SUM | Ant 1 | Ant 2 | Ant 1 | Ant 2 | |
| 11a | 6Mbps | 2 | 36 | 5180 | 0.00 | 0.00 | | | 8.91 | 9.49 | 7.51 | | Pass | |
| 11a | 6Mbps | 2 | 44 | 5220 | 0.00 | 0.00 | | | 8.66 | 9.49 | 7.51 | | Pass | |
| 11a | 6Mbps | 2 | 48 | 5240 | 0.00 | 0.00 | | | 8.74 | 9.49 | 7.51 | | Pass | |
| HT20 | MCS0 | 2 | 36 | 5180 | 0.00 | 0.00 | | | 8.86 | 9.49 | 7.51 | | Pass | |
| HT20 | MCS0 | 2 | 44 | 5220 | 0.00 | 0.00 | | | 8.46 | 9.49 | 7.51 | | Pass | |
| HT20 | MCS0 | 2 | 48 | 5240 | 0.00 | 0.00 | | | 8.42 | 9.49 | 7.51 | | Pass | |
| HT40 | MCS0 | 2 | 38 | 5190 | 0.00 | 0.00 | | | 3.07 | 9.49 | 7.51 | | Pass | |
| HT40 | MCS0 | 2 | 46 | 5230 | 0.00 | 0.00 | | | 6.46 | 9.49 | 7.51 | | Pass | |
| VHT20 | MCS0 | 2 | 36 | 5180 | 0.00 | 0.00 | | | 7.29 | 9.49 | 7.51 | | Pass | |
| VHT20 | MCS0 | 2 | 44 | 5220 | 0.00 | 0.00 | | | 8.22 | 9.49 | 7.51 | | Pass | |
| VHT20 | MCS0 | 2 | 48 | 5240 | 0.00 | 0.00 | | | 8.40 | 9.49 | 7.51 | | Pass | |
| VHT40 | MCS0 | 2 | 38 | 5190 | 0.00 | 0.00 | | | 2.26 | 9.49 | 7.51 | | Pass | |
| VHT40 | MCS0 | 2 | 46 | 5230 | 0.00 | 0.00 | | | 6.03 | 9.49 | 7.51 | | Pass | |
| VHT80 | MCS0 | 2 | 42 | 5210 | 0.00 | 0.00 | | | -1.59 | 9.49 | 7.51 | | Pass | |



Appendix B. AC Conducted Emission Test Results

| | | | |
|-----------------|---|---------------------|-------------|
| Test Engineer : | Amos Zhang | Temperature : | 25.3~26.2°C |
| | | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |

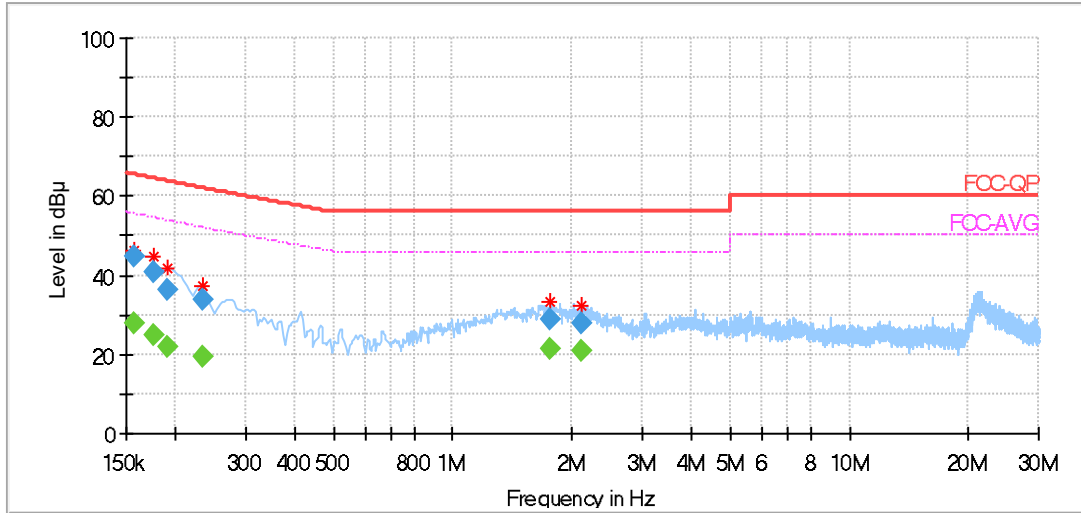


| Frequency (MHz) | Quasi Peak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|-------------------|----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 31.26 | 55.86 | 24.60 | L1 | OFF | 20.1 |
| 0.152250 | 46.78 | --- | 65.87 | 19.09 | L1 | OFF | 20.1 |
| 0.178312 | --- | 22.60 | 54.44 | 31.84 | L1 | OFF | 20.0 |
| 0.178312 | 38.41 | --- | 64.46 | 26.05 | L1 | OFF | 20.0 |
| 0.199219 | --- | 21.26 | 53.46 | 32.21 | L1 | OFF | 20.0 |
| 0.199219 | 34.33 | --- | 63.49 | 29.16 | L1 | OFF | 20.0 |
| 0.242569 | --- | 18.74 | 51.77 | 33.03 | L1 | OFF | 19.9 |
| 0.242569 | 29.84 | --- | 61.81 | 31.97 | L1 | OFF | 19.9 |
| 0.291075 | --- | 16.74 | 50.25 | 33.51 | L1 | OFF | 19.9 |
| 0.291075 | 26.40 | --- | 60.29 | 33.89 | L1 | OFF | 19.9 |
| 0.312638 | --- | 18.20 | 49.67 | 31.47 | L1 | OFF | 19.9 |
| 0.312638 | 27.07 | --- | 59.71 | 32.64 | L1 | OFF | 19.9 |
| 21.048731 | --- | 29.67 | 50.00 | 20.33 | L1 | OFF | 20.2 |
| 21.048731 | 34.35 | --- | 60.00 | 25.65 | L1 | OFF | 20.2 |



| | | | |
|-----------------|---|---------------------|-------------|
| Test Engineer : | Amos Zhang | Temperature : | 25.3~26.2°C |
| | | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Neutral |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |

Full Spectrum



| Frequency (MHz) | Quasi Peak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|-------------------|----------------|--------------|-------------|------|--------|------------|
| 0.156694 | --- | 27.93 | 55.60 | 27.67 | N | OFF | 20.2 |
| 0.156694 | 44.98 | --- | 65.61 | 20.63 | N | OFF | 20.2 |
| 0.176888 | --- | 24.95 | 54.51 | 29.56 | N | OFF | 20.2 |
| 0.176888 | 40.81 | --- | 64.53 | 23.72 | N | OFF | 20.2 |
| 0.191044 | --- | 21.90 | 53.83 | 31.94 | N | OFF | 20.2 |
| 0.191044 | 36.20 | --- | 63.86 | 27.65 | N | OFF | 20.2 |
| 0.234338 | --- | 19.63 | 52.06 | 32.43 | N | OFF | 20.1 |
| 0.234338 | 33.85 | --- | 62.10 | 28.25 | N | OFF | 20.1 |
| 1.760628 | --- | 21.44 | 46.00 | 24.56 | N | OFF | 19.8 |
| 1.760628 | 28.92 | --- | 56.00 | 27.08 | N | OFF | 19.8 |
| 2.116250 | --- | 20.83 | 46.00 | 25.17 | N | OFF | 19.8 |
| 2.116250 | 27.86 | --- | 56.00 | 28.14 | N | OFF | 19.8 |



Appendix C. Radiated Spurious Emission

| | |
|-------------------------|----------------------------|
| Test Engineer: Henzy Li | Temperature: 22~23 °C |
| Test Date: 2021/05/01 | Relative Humidity: 41~42 % |

Band UNII 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|---------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11a CH 36 5180MHz | | 5149.28 | 66.72 | -7.28 | 74 | 52.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | P | H |
| | | 5148.96 | 52.72 | -1.28 | 54 | 38.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | A | H |
| | * | 5182 | 112.6 | - | - | 97.92 | 35.31 | 12.08 | 32.71 | 240 | 330 | P | H |
| | | 5182 | 105.88 | - | - | 91.2 | 35.31 | 12.08 | 32.71 | 240 | 330 | A | H |
| | | 5146.4 | 60.34 | -13.66 | 74 | 46.11 | 34.93 | 12.02 | 32.72 | 302 | 352 | P | V |
| | | 5149.44 | 49.5 | -4.5 | 54 | 35.27 | 34.93 | 12.02 | 32.72 | 302 | 352 | A | V |
| | * | 5182 | 108.41 | - | - | 94.08 | 34.96 | 12.08 | 32.71 | 302 | 352 | P | V |
| | | 5182 | 102.26 | - | - | 87.93 | 34.96 | 12.08 | 32.71 | 302 | 352 | A | V |
| 802.11a CH 44 5220MHz | | 5145.28 | 57.06 | -16.94 | 74 | 42.47 | 35.29 | 12.02 | 32.72 | 235 | 330 | P | H |
| | | 5149.98 | 47.18 | -6.82 | 54 | 32.59 | 35.29 | 12.02 | 32.72 | 235 | 330 | A | H |
| | * | 5218 | 115.89 | - | - | 101.12 | 35.33 | 12.13 | 32.69 | 235 | 330 | P | H |
| | | 5218 | 109.2 | - | - | 94.43 | 35.33 | 12.13 | 32.69 | 235 | 330 | A | H |
| | | 5356.08 | 56.29 | -17.71 | 74 | 41.22 | 35.42 | 12.29 | 32.64 | 235 | 330 | P | H |
| | | 5351.76 | 46.17 | -7.83 | 54 | 31.11 | 35.42 | 12.29 | 32.65 | 235 | 330 | A | H |
| | | 5118.88 | 56.2 | -17.8 | 74 | 42.07 | 34.9 | 11.96 | 32.73 | 314 | 350 | P | V |
| | | 5131.04 | 45.52 | -8.48 | 54 | 31.35 | 34.91 | 11.99 | 32.73 | 314 | 350 | A | V |
| | * | 5218 | 112.5 | - | - | 98.07 | 34.99 | 12.13 | 32.69 | 314 | 350 | P | V |
| | | 5218 | 104.88 | - | - | 90.45 | 34.99 | 12.13 | 32.69 | 314 | 350 | A | V |
| | | 5358.78 | 54.32 | -19.68 | 74 | 39.55 | 35.12 | 12.29 | 32.64 | 314 | 350 | P | V |
| | 5351.76 | 44.33 | -9.67 | 54 | 29.57 | 35.12 | 12.29 | 32.65 | 314 | 350 | A | V | |



| | | | | | | | | | | | | | |
|-----------------------------|---|---------|--------|--------|----|--------|-------|-------|-------|-----|-----|---|---|
| 802.11a CH 48 5240MHz | | 5364.72 | 57.09 | -16.91 | 74 | 42 | 35.42 | 12.31 | 32.64 | 243 | 330 | P | H |
| | | 5352.48 | 46.5 | -7.5 | 54 | 31.44 | 35.42 | 12.29 | 32.65 | 243 | 330 | A | H |
| | * | 5242 | 116.66 | - | - | 101.84 | 35.34 | 12.17 | 32.69 | 243 | 330 | P | H |
| | | 5242 | 109.51 | - | - | 94.69 | 35.34 | 12.17 | 32.69 | 243 | 330 | A | H |
| | | 5356.08 | 55 | -19 | 74 | 40.23 | 35.12 | 12.29 | 32.64 | 311 | 351 | P | V |
| | | 5353.2 | 44.54 | -9.46 | 54 | 29.77 | 35.12 | 12.29 | 32.64 | 311 | 351 | A | V |
| | * | 5242 | 111.58 | - | - | 97.07 | 35.03 | 12.17 | 32.69 | 311 | 351 | P | V |
| | | 5242 | 104.97 | - | - | 90.46 | 35.03 | 12.17 | 32.69 | 311 | 351 | A | V |
| Remark | <ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for channels 36, 44, and 48 at various frequencies and a final Remark section.



**Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|--------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT20 CH 36 5180MHz | | 5143.68 | 66.43 | -7.57 | 74 | 51.84 | 35.29 | 12.02 | 32.72 | 113 | 330 | P | H |
| | | 5149.98 | 53.41 | -0.59 | 54 | 38.82 | 35.29 | 12.02 | 32.72 | 113 | 330 | A | H |
| | * | 5176 | 112.33 | - | - | 97.66 | 35.3 | 12.08 | 32.71 | 113 | 330 | P | H |
| | | 5176 | 104.51 | - | - | 89.84 | 35.3 | 12.08 | 32.71 | 113 | 330 | A | H |
| | | 5144.8 | 61.11 | -12.89 | 74 | 46.88 | 34.93 | 12.02 | 32.72 | 302 | 351 | P | V |
| | | 5149.98 | 49.74 | -4.26 | 54 | 35.51 | 34.93 | 12.02 | 32.72 | 302 | 351 | A | V |
| | * | 5176 | 108.53 | - | - | 94.2 | 34.96 | 12.08 | 32.71 | 302 | 351 | P | V |
| | | 5176 | 100.89 | - | - | 86.56 | 34.96 | 12.08 | 32.71 | 302 | 351 | A | V |
| 802.11n HT20 CH 44 5220MHz | | 5137.92 | 56.57 | -17.43 | 74 | 42.03 | 35.28 | 11.99 | 32.73 | 236 | 330 | P | H |
| | | 5149.28 | 47.19 | -6.81 | 54 | 32.6 | 35.29 | 12.02 | 32.72 | 236 | 330 | A | H |
| | * | 5218 | 114.12 | - | - | 99.35 | 35.33 | 12.13 | 32.69 | 236 | 330 | P | H |
| | | 5218 | 107.47 | - | - | 92.7 | 35.33 | 12.13 | 32.69 | 236 | 330 | A | H |
| | | 5354.1 | 56.68 | -17.32 | 74 | 41.61 | 35.42 | 12.29 | 32.64 | 236 | 330 | P | H |
| | | 5350 | 46.09 | -7.91 | 54 | 31.03 | 35.42 | 12.29 | 32.65 | 236 | 330 | A | H |
| | | 5138.24 | 55.45 | -18.55 | 74 | 41.28 | 34.91 | 11.99 | 32.73 | 100 | 18 | P | V |
| | | 5149.98 | 45.29 | -8.71 | 54 | 31.06 | 34.93 | 12.02 | 32.72 | 100 | 18 | A | V |
| | * | 5218 | 110.6 | - | - | 96.17 | 34.99 | 12.13 | 32.69 | 100 | 18 | P | V |
| | | 5218 | 103.27 | - | - | 88.84 | 34.99 | 12.13 | 32.69 | 100 | 18 | A | V |
| | | 5355.54 | 55.36 | -18.64 | 74 | 40.59 | 35.12 | 12.29 | 32.64 | 100 | 18 | P | V |
| | 5350.5 | 44.35 | -9.65 | 54 | 29.59 | 35.12 | 12.29 | 32.65 | 100 | 18 | A | V | |



| | | | | | | | | | | | | | |
|-------------------------------------|---|---------|--------|--------|----|-------|-------|-------|-------|-----|-----|---|---|
| 802.11n HT20 CH 48 5240MHz | | 5367.6 | 56.24 | -17.76 | 74 | 41.14 | 35.43 | 12.31 | 32.64 | 232 | 330 | P | H |
| | | 5351.76 | 46.81 | -7.19 | 54 | 31.75 | 35.42 | 12.29 | 32.65 | 232 | 330 | A | H |
| | * | 5236 | 116.2 | - | - | 101.4 | 35.34 | 12.15 | 32.69 | 232 | 330 | P | H |
| | | 5236 | 108.19 | - | - | 93.39 | 35.34 | 12.15 | 32.69 | 232 | 330 | A | H |
| | | 5355.72 | 54.72 | -19.28 | 74 | 39.95 | 35.12 | 12.29 | 32.64 | 100 | 88 | P | V |
| | | 5351.76 | 45.04 | -8.96 | 54 | 30.28 | 35.12 | 12.29 | 32.65 | 100 | 88 | A | V |
| | * | 5236 | 111.93 | - | - | 97.46 | 35.01 | 12.15 | 32.69 | 100 | 88 | P | V |
| | | 5236 | 104.66 | - | - | 90.19 | 35.01 | 12.15 | 32.69 | 100 | 88 | A | V |
| Remark | <ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for channels 36, 44, and 48 at various frequencies.



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ac VHT20 CH 36 (5180MHz) and 802.11ac VHT20 CH 44 (5220MHz).



| | | | | | | | | | | | | | |
|---------------------------------------|---|---------|--------|--------|-------|--------|-------|-------|-------|-----|-----|---|---|
| 802.11ac VHT20 CH 48 5240MHz | | 5352.3 | 56.61 | -17.39 | 74 | 41.55 | 35.42 | 12.29 | 32.65 | 230 | 335 | P | H |
| | | 5352.12 | 47.49 | -6.51 | 54 | 32.43 | 35.42 | 12.29 | 32.65 | 230 | 335 | A | H |
| | * | 5242 | 118.79 | - | - | 103.97 | 35.34 | 12.17 | 32.69 | 230 | 335 | P | H |
| | | 5242 | 111.57 | ----- | ----- | 96.75 | 35.34 | 12.17 | 32.69 | 230 | 335 | A | H |
| | | 5362.56 | 56.02 | -17.98 | 74 | 41.21 | 35.14 | 12.31 | 32.64 | 100 | 90 | P | V |
| | | 5352.3 | 45.84 | -8.16 | 54 | 31.08 | 35.12 | 12.29 | 32.65 | 100 | 90 | A | V |
| | * | 5236 | 113.2 | - | - | 98.73 | 35.01 | 12.15 | 32.69 | 100 | 90 | P | V |
| | | 5236 | 106.67 | ----- | ----- | 92.2 | 35.01 | 12.15 | 32.69 | 100 | 90 | A | V |

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for channels 36, 44, and 48.



**Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac VHT40 CH 38 5190MHz | | 5148.8 | 67.69 | -6.31 | 74 | 53.1 | 35.29 | 12.02 | 32.72 | 100 | 333 | P | H |
| | | 5149.98 | 52.93 | -1.07 | 54 | 38.34 | 35.29 | 12.02 | 32.72 | 100 | 333 | A | H |
| | * | 5194 | 108.48 | - | - | 93.76 | 35.31 | 12.11 | 32.7 | 100 | 333 | P | H |
| | | 5194 | 100.76 | - | - | 86.04 | 35.31 | 12.11 | 32.7 | 100 | 333 | A | H |
| | | 5369.4 | 55.97 | -18.03 | 74 | 40.87 | 35.43 | 12.31 | 32.64 | 100 | 333 | P | H |
| | | 5350.14 | 45.42 | -8.58 | 54 | 30.36 | 35.42 | 12.29 | 32.65 | 100 | 333 | A | H |
| | | 5149.92 | 61.89 | -12.11 | 74 | 47.66 | 34.93 | 12.02 | 32.72 | 316 | 326 | P | V |
| | | 5149.98 | 49.19 | -4.81 | 54 | 34.96 | 34.93 | 12.02 | 32.72 | 316 | 326 | A | V |
| | * | 5194 | 103.59 | - | - | 89.2 | 34.98 | 12.11 | 32.7 | 316 | 326 | P | V |
| | | 5194 | 96.01 | - | - | 81.62 | 34.98 | 12.11 | 32.7 | 316 | 326 | A | V |
| | | 5364 | 54.78 | -19.22 | 74 | 39.97 | 35.14 | 12.31 | 32.64 | 316 | 326 | P | V |
| | | 5350.32 | 44.78 | -9.22 | 54 | 30.02 | 35.12 | 12.29 | 32.65 | 316 | 326 | A | V |
| 802.11ac VHT40 CH 46 5230MHz | | 5148.64 | 59.23 | -14.77 | 74 | 44.64 | 35.29 | 12.02 | 32.72 | 204 | 334 | P | H |
| | | 5149.98 | 48.99 | -5.01 | 54 | 34.4 | 35.29 | 12.02 | 32.72 | 204 | 334 | A | H |
| | * | 5242 | 111.5 | - | - | 96.68 | 35.34 | 12.17 | 32.69 | 204 | 334 | P | H |
| | | 5242 | 103.31 | - | - | 88.49 | 35.34 | 12.17 | 32.69 | 204 | 334 | A | H |
| | | 5382.54 | 56.85 | -17.15 | 74 | 41.71 | 35.44 | 12.33 | 32.63 | 204 | 334 | P | H |
| | | 5350.86 | 47.29 | -6.71 | 54 | 32.23 | 35.42 | 12.29 | 32.65 | 204 | 334 | A | H |
| | | 5149.6 | 58.47 | -15.53 | 74 | 44.24 | 34.93 | 12.02 | 32.72 | 207 | 345 | P | V |
| | | 5149.98 | 47.48 | -6.52 | 54 | 33.25 | 34.93 | 12.02 | 32.72 | 207 | 345 | A | V |
| | * | 5230 | 107.73 | - | - | 93.26 | 35.01 | 12.15 | 32.69 | 207 | 345 | P | V |
| | | 5230 | 99.82 | - | - | 85.35 | 35.01 | 12.15 | 32.69 | 207 | 345 | A | V |
| | | 5362.56 | 55.28 | -18.72 | 74 | 40.47 | 35.14 | 12.31 | 32.64 | 207 | 345 | P | V |
| | 5351.58 | 45.22 | -8.78 | 54 | 30.46 | 35.12 | 12.29 | 32.65 | 207 | 345 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ac VHT40 CH 38 5190MHz and CH 46 5230MHz, and a Remark section.



**Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 38 5190MHz | | 5148.96 | 65.32 | -8.68 | 74 | 50.73 | 35.29 | 12.02 | 32.72 | 237 | 329 | P | H |
| | | 5149.98 | 52.52 | -1.48 | 54 | 37.93 | 35.29 | 12.02 | 32.72 | 237 | 329 | A | H |
| | * | 5194 | 107.4 | - | - | 92.68 | 35.31 | 12.11 | 32.7 | 237 | 329 | P | H |
| | | 5194 | 98.54 | ----- | ----- | 83.82 | 35.31 | 12.11 | 32.7 | 237 | 329 | A | H |
| | | 5383.44 | 55.33 | -18.67 | 74 | 40.19 | 35.44 | 12.33 | 32.63 | 237 | 329 | P | H |
| | | 5351.76 | 45.35 | -8.65 | 54 | 30.29 | 35.42 | 12.29 | 32.65 | 237 | 329 | A | H |
| | | 5149.76 | 62.26 | -11.74 | 74 | 48.03 | 34.93 | 12.02 | 32.72 | 301 | 352 | P | V |
| | | 5149.92 | 49.28 | -4.72 | 54 | 35.05 | 34.93 | 12.02 | 32.72 | 301 | 352 | A | V |
| | * | 5188 | 103.38 | - | - | 89.05 | 34.96 | 12.08 | 32.71 | 301 | 352 | P | V |
| | | 5188 | 96.11 | ----- | ----- | 81.78 | 34.96 | 12.08 | 32.71 | 301 | 352 | A | V |
| | | 5378.76 | 54.63 | -19.37 | 74 | 39.77 | 35.16 | 12.33 | 32.63 | 301 | 352 | P | V |
| | | 5374.98 | 44 | -10 | 54 | 29.19 | 35.14 | 12.31 | 32.64 | 301 | 352 | A | V |
| 802.11n HT40 CH 46 5230MHz | | 5145.92 | 58.6 | -15.4 | 74 | 44.01 | 35.29 | 12.02 | 32.72 | 234 | 330 | P | H |
| | | 5149.98 | 48.49 | -5.51 | 54 | 33.9 | 35.29 | 12.02 | 32.72 | 234 | 330 | A | H |
| | * | 5230 | 110 | - | - | 95.2 | 35.34 | 12.15 | 32.69 | 234 | 330 | P | H |
| | | 5230 | 101.82 | ----- | ----- | 87.02 | 35.34 | 12.15 | 32.69 | 234 | 330 | A | H |
| | | 5353.74 | 56.49 | -17.51 | 74 | 41.42 | 35.42 | 12.29 | 32.64 | 234 | 330 | P | H |
| | | 5350 | 46.61 | -7.39 | 54 | 31.55 | 35.42 | 12.29 | 32.65 | 234 | 330 | A | H |
| | | 5147.36 | 56.67 | -17.33 | 74 | 42.44 | 34.93 | 12.02 | 32.72 | 313 | 350 | P | V |
| | | 5149.92 | 46.38 | -7.62 | 54 | 32.15 | 34.93 | 12.02 | 32.72 | 313 | 350 | A | V |
| | * | 5236 | 105.36 | - | - | 90.89 | 35.01 | 12.15 | 32.69 | 313 | 350 | P | V |
| | | 5236 | 97.82 | ----- | ----- | 83.35 | 35.01 | 12.15 | 32.69 | 313 | 350 | A | V |
| | 5359.68 | 55.09 | -18.91 | 74 | 40.32 | 35.12 | 12.29 | 32.64 | 313 | 350 | P | V | |
| | 5351.94 | 44.44 | -9.56 | 54 | 29.68 | 35.12 | 12.29 | 32.65 | 313 | 350 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



**Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11n HT40 | | 10378.38 | 42.72 | -25.58 | 68.3 | 48.7 | 38.6 | 18.05 | 62.63 | 300 | 0 | P | H |
| CH 38 5190MHz | | 10378.38 | 41.88 | -26.42 | 68.3 | 48.68 | 37.78 | 18.05 | 62.63 | 100 | 360 | P | V |
| 802.11n HT40 | | 10460 | 42.6 | -25.7 | 68.3 | 48.51 | 38.65 | 18.11 | 62.67 | 300 | 0 | P | H |
| CH 46 5230MHz | | 10460 | 43.8 | -24.5 | 68.3 | 50.53 | 37.83 | 18.11 | 62.67 | 100 | 360 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ac VHT80 CH 42 5210MHz | | 5140.16 | 70.2 | -3.8 | 74 | 55.63 | 35.28 | 12.02 | 32.73 | 102 | 330 | P | H |
| | | 5149.92 | 53.24 | -0.76 | 54 | 38.65 | 35.29 | 12.02 | 32.72 | 102 | 330 | A | H |
| | * | 5206 | 104.54 | - | - | 89.81 | 35.32 | 12.11 | 32.7 | 102 | 330 | P | H |
| | | 5206 | 96.9 | - | - | 82.17 | 35.32 | 12.11 | 32.7 | 102 | 330 | A | H |
| | | 5383.98 | 54.78 | -19.22 | 74 | 39.64 | 35.44 | 12.33 | 32.63 | 102 | 330 | P | H |
| | | 5350.32 | 44.75 | -9.25 | 54 | 29.69 | 35.42 | 12.29 | 32.65 | 102 | 330 | A | H |
| | | 5144.32 | 62.75 | -11.25 | 74 | 48.52 | 34.93 | 12.02 | 32.72 | 297 | 350 | P | V |
| | | 5149.98 | 48.57 | -5.43 | 54 | 34.34 | 34.93 | 12.02 | 32.72 | 297 | 350 | A | V |
| | * | 5206 | 99.97 | - | - | 85.58 | 34.98 | 12.11 | 32.7 | 297 | 350 | P | V |
| | | 5206 | 92.37 | - | - | 77.98 | 34.98 | 12.11 | 32.7 | 297 | 350 | A | V |
| | 5366.7 | 54.83 | -19.17 | 74 | 40.02 | 35.14 | 12.31 | 32.64 | 297 | 350 | P | V | |
| | 5358.6 | 44.17 | -9.83 | 54 | 29.4 | 35.12 | 12.29 | 32.64 | 297 | 350 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac VHT80 | | 10420 | 42.67 | -25.63 | 68.3 | 48.62 | 38.62 | 18.08 | 62.65 | 300 | 0 | P | H |
| CH 42 5210MHz | | 10420 | 41.87 | -26.43 | 68.3 | 48.63 | 37.81 | 18.08 | 62.65 | 100 | 360 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Emission below 1GHz
WIFI 802.11n HT20 (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|-----------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11n HT20 LF | | 110.51 | 24.45 | -19.05 | 43.5 | 38.57 | 17.05 | 1.71 | 32.88 | - | - | P | H |
| | | 144.46 | 24.1 | -19.4 | 43.5 | 38.4 | 16.58 | 1.93 | 32.81 | - | - | P | H |
| | | 228.85 | 25.24 | -20.76 | 46 | 38.67 | 17.23 | 2.44 | 33.1 | - | - | P | H |
| | | 359.8 | 28.83 | -17.17 | 46 | 37.86 | 20.77 | 3.08 | 32.88 | - | - | P | H |
| | | 562.53 | 27.62 | -18.38 | 46 | 31.28 | 25.05 | 3.86 | 32.57 | - | - | P | H |
| | | 794.36 | 29.06 | -16.94 | 46 | 30.92 | 26.08 | 4.58 | 32.52 | 108 | 39 | P | H |
| | | 30 | 29.48 | -10.52 | 40 | 36.1 | 25.5 | 0.58 | 32.7 | - | - | P | V |
| | | 120.21 | 29.51 | -13.99 | 43.5 | 42.73 | 17.86 | 1.78 | 32.86 | - | - | P | V |
| | | 239.52 | 25.69 | -20.31 | 46 | 37.55 | 18.74 | 2.5 | 33.1 | - | - | P | V |
| | | 359.8 | 39.76 | -6.24 | 46 | 47.91 | 21.65 | 3.08 | 32.88 | 120 | 30 | P | V |
| | | 399.57 | 30.89 | -15.11 | 46 | 37.73 | 22.7 | 3.26 | 32.8 | - | - | P | V |
| | 945.68 | 30.74 | -15.26 | 46 | 30.19 | 27.86 | 5.01 | 32.32 | - | - | P | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | |



Co-location:

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Band Edge @ 3m)

| WIFI | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n HT20 CH 36 5180MHz | | 5149.92 | 66.42 | -7.58 | 74 | 51.83 | 35.29 | 12.02 | 32.72 | 121 | 330 | P | H |
| | | 5150 | 53.15 | -0.85 | 54 | 38.56 | 35.29 | 12.02 | 32.72 | 121 | 330 | A | H |
| | * | 5176 | 112.19 | - | - | 97.52 | 35.3 | 12.08 | 32.71 | 121 | 330 | P | H |
| | | 5176 | 103.86 | - | - | 89.19 | 35.3 | 12.08 | 32.71 | 121 | 330 | A | H |
| | | 5146.56 | 62.54 | -11.46 | 74 | 48.31 | 34.93 | 12.02 | 32.72 | 109 | 96 | P | V |
| | | 5150 | 48.82 | -5.18 | 54 | 34.59 | 34.93 | 12.02 | 32.72 | 109 | 96 | A | V |
| | * | 5176 | 108.46 | - | - | 94.13 | 34.96 | 12.08 | 32.71 | 109 | 96 | P | V |
| | | 5176 | 100.81 | - | - | 86.48 | 34.96 | 12.08 | 32.71 | 109 | 96 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Band Edge @ 3m)

| BLE | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------|---|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| BLE (1Mbps) CH00 | | 2352.64 | 54.14 | -19.86 | 74 | 47.52 | 32.05 | 8.02 | 33.45 | 102 | 215 | P | H |
| | | 2357.06 | 44.29 | -9.71 | 54 | 37.67 | 32.05 | 8.02 | 33.45 | 102 | 215 | A | H |
| | * | 2402 | 103.48 | - | - | 96.63 | 32.2 | 8.09 | 33.44 | 102 | 215 | P | H |
| | * | 2402 | 102.86 | - | - | 96.01 | 32.2 | 8.09 | 33.44 | 102 | 215 | A | H |
| | | 2376.17 | 55.46 | -18.54 | 74 | 47.56 | 33.29 | 8.06 | 33.45 | 128 | 170 | P | V |
| | | 2384.88 | 45.62 | -8.38 | 54 | 37.72 | 33.29 | 8.06 | 33.45 | 128 | 170 | A | V |
| | * | 2402 | 98.74 | - | - | 90.59 | 33.5 | 8.09 | 33.44 | 128 | 170 | P | V |
| | * | 2402 | 98.06 | - | - | 89.91 | 33.5 | 8.09 | 33.44 | 128 | 170 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Harmonic @ 3m)

| WIFI | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n HT20 CH 36 5180MHz | | 10360 | 45.2 | -23.1 | 68.3 | 51.2 | 38.59 | 18.03 | 62.62 | 300 | 0 | P | H |
| | | 10360 | 46.72 | -21.58 | 68.3 | 53.54 | 37.77 | 18.03 | 62.62 | 100 | 360 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Harmonic @ 3m)

| BLE | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------|---|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| BLE (1Mbps) CH00 | | 4804 | 41.58 | -32.42 | 74 | 56.83 | 34.96 | 11.51 | 61.72 | 300 | 0 | P | H |
| | | 4804 | 40.7 | -33.3 | 74 | 56.07 | 34.84 | 11.51 | 61.72 | 300 | 360 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Note symbol

| | |
|-----|--|
| * | Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is over limit line. |
| P/A | Peak or Average |
| H/V | Horizontal or Vertical |



A calculation example for radiated spurious emission is shown as below:

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11b | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| CH 01 | | | | | | | | | | | | | |
| 2412MHz | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



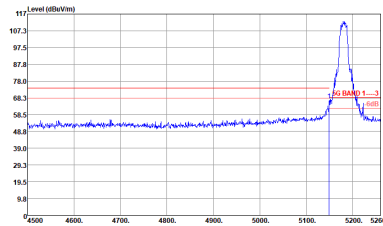
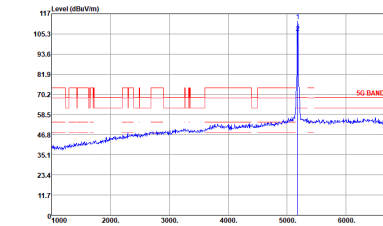
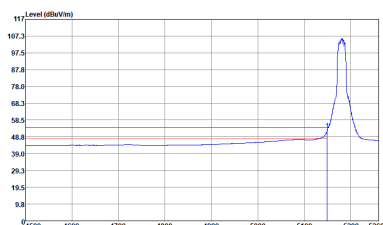
Appendix D. Radiated Spurious Emission

Note symbol

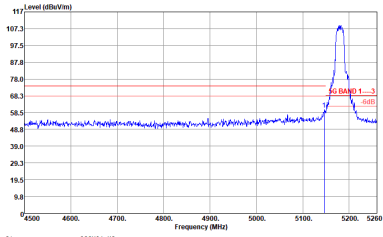
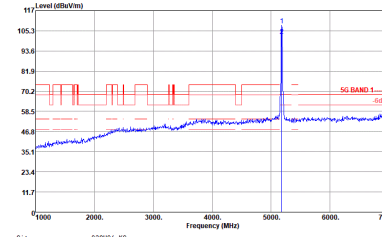
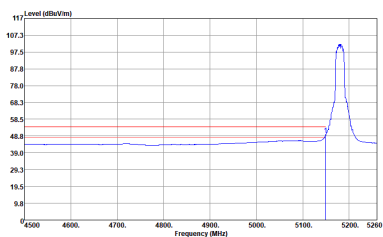
| | |
|----|-----------------------|
| -L | Low channel location |
| -R | High channel location |



Band UNII 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--------------|-------------|--------------|--------|----------|--------|----------|-----|---------|--------------------|----|--------|--------|----|----|----|-----|--|--|---|---------|-------|-------|-------|-------|-------|-------|-------|-----|-----|--------------------|--|------------|-------------|--------------|-------|-------|--------|----------|-----|-------|-------|----|--------|--------|----|----|----|-----|--|--|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11a CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030806-KS : 5G BAND 1----3 3m 3117 SN 79957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>Limit</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.28</td> <td>66.72</td> <td>-7.28</td> <td>74.00</td> <td>52.13</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>240</td> <td>330</td> <td>Peak HORIZONTAL</td> </tr> </tbody> </table> | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | 1 | 5149.28 | 66.72 | -7.28 | 74.00 | 52.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | Peak HORIZONTAL |  <p>Site Condition : 030806-KS : 5G BAND 1----3 3m 3117 SN 79957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>Limit</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5182.00</td> <td>112.88</td> <td>-----</td> <td>97.92</td> <td>85.21</td> <td>12.08</td> <td>32.71</td> <td>240</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5182.00</td> <td>105.88</td> <td>-----</td> <td>91.20</td> <td>35.31</td> <td>12.08</td> <td>32.71</td> <td>240</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | 1 | 5182.00 | 112.88 | ----- | 97.92 | 85.21 | 12.08 | 32.71 | 240 | 330 | Peak | HORIZONTAL | 2 | 5182.00 | 105.88 | ----- | 91.20 | 35.31 | 12.08 | 32.71 | 240 | 330 | Average | HORIZONTAL |
| Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.28 | 66.72 | -7.28 | 74.00 | 52.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5182.00 | 112.88 | ----- | 97.92 | 85.21 | 12.08 | 32.71 | 240 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5182.00 | 105.88 | ----- | 91.20 | 35.31 | 12.08 | 32.71 | 240 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030806-KS : 5G BAND 1----3 (AVG) 3m 3117 SN 79957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>Limit</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5148.96</td> <td>52.72</td> <td>-1.28</td> <td>54.00</td> <td>38.13</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>240</td> <td>330</td> <td>Average HORIZONTAL</td> </tr> </tbody> </table> | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | 1 | 5148.96 | 52.72 | -1.28 | 54.00 | 38.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | Average HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | Level | Limit | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5148.96 | 52.72 | -1.28 | 54.00 | 38.13 | 35.29 | 12.02 | 32.72 | 240 | 330 | Average HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------|-------------|-------|--------|--------|----------|--------|----------|----------|----------|-------|-------|-------|------|--------|------|--------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|-------|------|--------|------|--------|-----|--------|----|--------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11a CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-K3 : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5146.40</td> <td>60.34</td> <td>-13.66</td> <td>74.00</td> <td>46.11</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>302</td> <td>352</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 5146.40 | 60.34 | -13.66 | 74.00 | 46.11 | 34.93 | 12.02 | 32.72 | 302 | 352 | Peak | VERTICAL |  <p>Site Condition : 030906-K3 : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5182.00</td> <td>108.41</td> <td>-----</td> <td>94.08</td> <td>34.96</td> <td>12.08</td> <td>32.71</td> <td>302</td> <td>352</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5182.00</td> <td>102.26</td> <td>-----</td> <td>87.93</td> <td>34.96</td> <td>12.08</td> <td>32.71</td> <td>302</td> <td>352</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 5182.00 | 108.41 | ----- | 94.08 | 34.96 | 12.08 | 32.71 | 302 | 352 | Peak | VERTICAL | 2 | 5182.00 | 102.26 | ----- | 87.93 | 34.96 | 12.08 | 32.71 | 302 | 352 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5146.40 | 60.34 | -13.66 | 74.00 | 46.11 | 34.93 | 12.02 | 32.72 | 302 | 352 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5182.00 | 108.41 | ----- | 94.08 | 34.96 | 12.08 | 32.71 | 302 | 352 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5182.00 | 102.26 | ----- | 87.93 | 34.96 | 12.08 | 32.71 | 302 | 352 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030906-K3 : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.0100kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.44</td> <td>49.50</td> <td>-4.50</td> <td>54.00</td> <td>35.27</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>302</td> <td>352</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 5149.44 | 49.50 | -4.50 | 54.00 | 35.27 | 34.93 | 12.02 | 32.72 | 302 | 352 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.44 | 49.50 | -4.50 | 54.00 | 35.27 | 34.93 | 12.02 | 32.72 | 302 | 352 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|--------|------|--------|----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|--------|------|--------|----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11a CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 020900-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5145.28</td> <td>57.06</td> <td>-16.94</td> <td>74.00</td> <td>42.47</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>235</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | 1 | 5145.28 | 57.06 | -16.94 | 74.00 | 42.47 | 35.29 | 12.02 | 32.72 | 235 | 330 | Peak | HORIZONTAL | <p>Site : 020900-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5218.00</td> <td>115.89</td> <td>-----</td> <td>101.12</td> <td>35.23</td> <td>12.12</td> <td>32.69</td> <td>235</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5218.00</td> <td>109.20</td> <td>-----</td> <td>94.43</td> <td>35.33</td> <td>12.13</td> <td>32.69</td> <td>235</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | 1 | 5218.00 | 115.89 | ----- | 101.12 | 35.23 | 12.12 | 32.69 | 235 | 330 | Peak | HORIZONTAL | 2 | 5218.00 | 109.20 | ----- | 94.43 | 35.33 | 12.13 | 32.69 | 235 | 330 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5145.28 | 57.06 | -16.94 | 74.00 | 42.47 | 35.29 | 12.02 | 32.72 | 235 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 | 115.89 | ----- | 101.12 | 35.23 | 12.12 | 32.69 | 235 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 | 109.20 | ----- | 94.43 | 35.33 | 12.13 | 32.69 | 235 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 020900-KS Condition : SG BAND 1----3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz YBR:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>47.18</td> <td>-6.82</td> <td>54.00</td> <td>32.59</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>235</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | 1 | 5149.98 | 47.18 | -6.82 | 54.00 | 32.59 | 35.29 | 12.02 | 32.72 | 235 | 330 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 47.18 | -6.82 | 54.00 | 32.59 | 35.29 | 12.02 | 32.72 | 235 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | |
|------|---|-------------|---------|-------|--------|-------|-------|-------|-------|-------|---------|------------|---------|------------|---|
| ANT | 802.11a CH44 5220MHz - R | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 030906-K3 : SG BAND 1---3 @ 3117 SN 70957 HORIZONTAL : RBW 1000.000kHz VBW 3000.000kHz SMT Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5356.09</th> <th>56.29</th> <th>-17.71</th> <th>74.00</th> <th>41.22</th> <th>35.42</th> <th>12.29</th> <th>32.64</th> <th>235</th> <th>330</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5356.09 | 56.29 | -17.71 | 74.00 | 41.22 | 35.42 | 12.29 | 32.64 | 235 | 330 | Peak | HORIZONTAL | - |
| 1 | 5356.09 | 56.29 | -17.71 | 74.00 | 41.22 | 35.42 | 12.29 | 32.64 | 235 | 330 | Peak | HORIZONTAL | | | |
| Avg. | <p>Site Condition : 030906-K3 : SG BAND 1---3 (AVG) @ 3117 SN 70957 HORIZONTAL : RBW 1000.000kHz VBW 0.0100kHz SMT Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5351.76</th> <th>46.17</th> <th>-7.83</th> <th>54.00</th> <th>31.11</th> <th>35.42</th> <th>12.29</th> <th>32.65</th> <th>235</th> <th>330</th> <th>Average</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5351.76 | 46.17 | -7.83 | 54.00 | 31.11 | 35.42 | 12.29 | 32.65 | 235 | 330 | Average | HORIZONTAL | - |
| 1 | 5351.76 | 46.17 | -7.83 | 54.00 | 31.11 | 35.42 | 12.29 | 32.65 | 235 | 330 | Average | HORIZONTAL | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|-------|-------------|-------|--------|--------|----------|----------|----------|------|-------|-------|-------|-------|------|------|----|-----|-----|-------|----|-------|-----|----|----|----|-----|---|----------------------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|-------|------|------|----|-----|-----|-------|----|-------|-----|----|----|----|-----|---|----------------|-------|-------|-------|-------|-----|-----|------|----------|---|----------------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11a CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 030906-K3 : SG BAND 1-3 @ 3117 SN 75957 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dBV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5118.88 56.20 -17.80</td> <td>74.00</td> <td>42.07</td> <td>34.90</td> <td>11.90</td> <td>32.73</td> <td>314</td> <td>350</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Loss | on | deg | MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | 1 | 5118.88 56.20 -17.80 | 74.00 | 42.07 | 34.90 | 11.90 | 32.73 | 314 | 350 | Peak | VERTICAL | <p>Site Condition : 030906-K3 : SG BAND 1-3 @ 3117 SN 75957 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dBV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5218.00 112.50</td> <td>98.07</td> <td>34.99</td> <td>12.13</td> <td>32.69</td> <td>314</td> <td>350</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5218.00 104.88</td> <td>90.45</td> <td>34.99</td> <td>12.13</td> <td>32.69</td> <td>314</td> <td>350</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Loss | on | deg | MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | 1 | 5218.00 112.50 | 98.07 | 34.99 | 12.13 | 32.69 | 314 | 350 | Peak | VERTICAL | 2 | 5218.00 104.88 | 90.45 | 34.99 | 12.13 | 32.69 | 314 | 350 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Loss | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5118.88 56.20 -17.80 | 74.00 | 42.07 | 34.90 | 11.90 | 32.73 | 314 | 350 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Loss | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 112.50 | 98.07 | 34.99 | 12.13 | 32.69 | 314 | 350 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 104.88 | 90.45 | 34.99 | 12.13 | 32.69 | 314 | 350 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site Condition : 030906-K3 : SG BAND 1-3 (AVG) @ 3117 SN 75957 VERTICAL : RBW 1000.000kHz VBW 0.100kHz SBT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dBV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5131.04 45.52 -8.48</td> <td>54.00</td> <td>31.35</td> <td>34.91</td> <td>11.99</td> <td>32.73</td> <td>314</td> <td>350</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Loss | on | deg | MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | 1 | 5131.04 45.52 -8.48 | 54.00 | 31.35 | 34.91 | 11.99 | 32.73 | 314 | 350 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Loss | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dBV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5131.04 45.52 -8.48 | 54.00 | 31.35 | 34.91 | 11.99 | 32.73 | 314 | 350 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|----------|-------|------|--------|--|--|-----|--------|----|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|---|
| ANT | 802.11a CH44 5220MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-K3 Condition : SG BAND 1---3 @ 3117 SN 70957 VERTICAL RBW:1000.000MHz VBW:3000.000MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.78</td> <td>54.32</td> <td>-19.68</td> <td>74.00</td> <td>29.55</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>314</td> <td>350</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5350.78 | 54.32 | -19.68 | 74.00 | 29.55 | 35.12 | 12.29 | 32.64 | 314 | 350 | Peak | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.78 | 54.32 | -19.68 | 74.00 | 29.55 | 35.12 | 12.29 | 32.64 | 314 | 350 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030906-K3 Condition : SG BAND 1---3 (AVG) @ 3117 SN 70957 VERTICAL RBW:1000.000MHz VBW:0.010MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5351.76</td> <td>44.33</td> <td>-9.67</td> <td>54.00</td> <td>29.57</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>314</td> <td>350</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5351.76 | 44.33 | -9.67 | 54.00 | 29.57 | 35.12 | 12.29 | 32.65 | 314 | 350 | Average | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5351.76 | 44.33 | -9.67 | 54.00 | 29.57 | 35.12 | 12.29 | 32.65 | 314 | 350 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



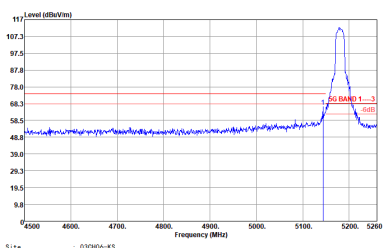
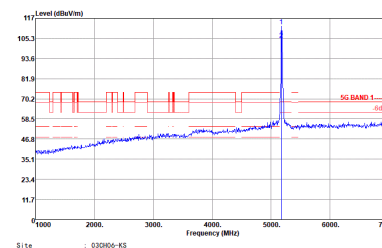
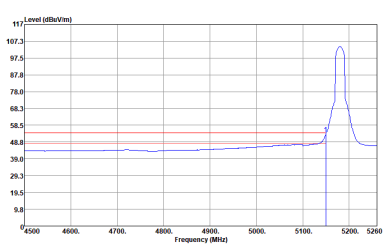
| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|------|------|--|--|-----|--------|----|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|------|--|--|-----|--------|----|--------|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11a CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 020906-KS : SG BAND 1---3 On 3117 SN 75957 HORIZONTAL : RBW:1000.000MHz VBW:3000.000MHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5364.72</td> <td>57.09</td> <td>-16.91</td> <td>74.00</td> <td>42.00</td> <td>35.42</td> <td>12.31</td> <td>32.64</td> <td>243</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5364.72 | 57.09 | -16.91 | 74.00 | 42.00 | 35.42 | 12.31 | 32.64 | 243 | 330 | Peak | HORIZONTAL | <p>Site Condition : 020906-KS : SG BAND 1---3 On 3117 SN 75957 HORIZONTAL : RBW:1000.000MHz VBW:3000.000MHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5242.00</td> <td>116.46</td> <td>-----</td> <td>101.84</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>243</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5242.00</td> <td>109.51</td> <td>-----</td> <td>94.69</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>243</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5242.00 | 116.46 | ----- | 101.84 | 35.34 | 12.17 | 32.69 | 243 | 330 | Peak | HORIZONTAL | 2 | 5242.00 | 109.51 | ----- | 94.69 | 35.34 | 12.17 | 32.69 | 243 | 330 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5364.72 | 57.09 | -16.91 | 74.00 | 42.00 | 35.42 | 12.31 | 32.64 | 243 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5242.00 | 116.46 | ----- | 101.84 | 35.34 | 12.17 | 32.69 | 243 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5242.00 | 109.51 | ----- | 94.69 | 35.34 | 12.17 | 32.69 | 243 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5362.48 | 46.50 | -7.50 | 54.00 | 31.44 | 35.42 | 12.29 | 32.65 | 243 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



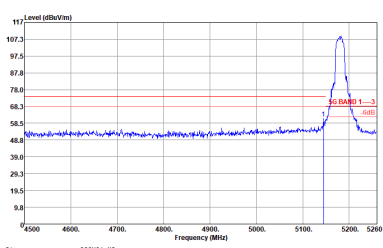
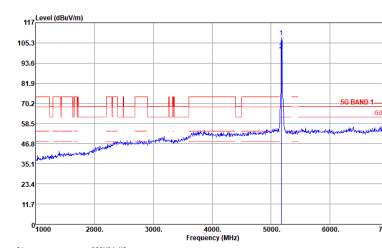
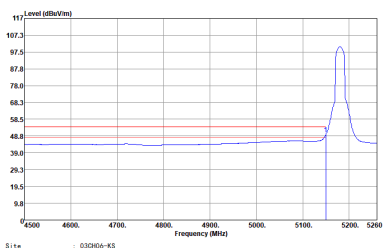
| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|----------|----------|-------|------|--------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|--------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11a CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 020906-KS : SG BAND 1---3 On 3117 SN 75957 VERTICAL : RBW:1000.000MHz VBW:3000.000MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5356.08</td> <td>55.00</td> <td>-19.00</td> <td>74.00</td> <td>40.23</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>311</td> <td>351</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | 1 | 5356.08 | 55.00 | -19.00 | 74.00 | 40.23 | 35.12 | 12.29 | 32.64 | 311 | 351 | Peak | VERTICAL | <p>Site Condition : 020906-KS : SG BAND 1---3 On 3117 SN 75957 VERTICAL : RBW:1000.000MHz VBW:3000.000MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5242.00</td> <td>111.58</td> <td>-----</td> <td>97.07</td> <td>35.03</td> <td>12.17</td> <td>32.69</td> <td>311</td> <td>351</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5242.00</td> <td>104.97</td> <td>-----</td> <td>90.46</td> <td>35.03</td> <td>12.17</td> <td>32.69</td> <td>311</td> <td>351</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | 1 | 5242.00 | 111.58 | ----- | 97.07 | 35.03 | 12.17 | 32.69 | 311 | 351 | Peak | VERTICAL | 2 | 5242.00 | 104.97 | ----- | 90.46 | 35.03 | 12.17 | 32.69 | 311 | 351 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5356.08 | 55.00 | -19.00 | 74.00 | 40.23 | 35.12 | 12.29 | 32.64 | 311 | 351 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5242.00 | 111.58 | ----- | 97.07 | 35.03 | 12.17 | 32.69 | 311 | 351 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5242.00 | 104.97 | ----- | 90.46 | 35.03 | 12.17 | 32.69 | 311 | 351 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site Condition : 020906-KS : SG BAND 1---3 (AVG) On 3117 SN 75957 VERTICAL : RBW:1000.000MHz VBW:0.010MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>on</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5353.20</td> <td>44.54</td> <td>-9.46</td> <td>54.00</td> <td>29.77</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>311</td> <td>351</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | 1 | 5353.20 | 44.54 | -9.46 | 54.00 | 29.77 | 35.12 | 12.29 | 32.64 | 311 | 351 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | on | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5353.20 | 44.54 | -9.46 | 54.00 | 29.77 | 35.12 | 12.29 | 32.64 | 311 | 351 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



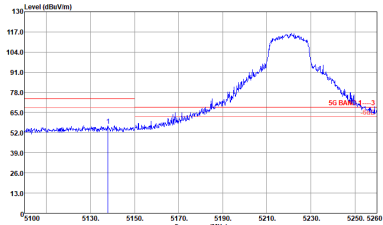
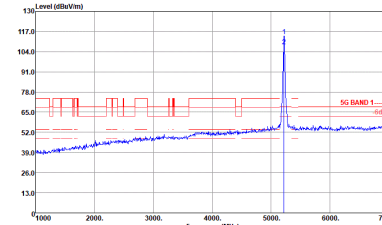
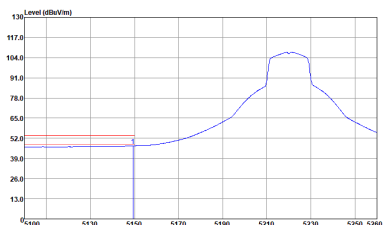
**Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|------|------|----|-----|-----|--------|----|--------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|-------|-------|-----|-----|---------|------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|------|----|-----|-----|--------|----|--------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11n HT20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 032806-KS Condition : SB BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5143.68</td> <td>66.43</td> <td>-7.57</td> <td>74.00</td> <td>51.84</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>113</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cm | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5143.68 | 66.43 | -7.57 | 74.00 | 51.84 | 35.29 | 12.02 | 32.72 | 113 | 330 | Peak | HORIZONTAL |  <p>Site : 032806-KS Condition : SB BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5176.00</td> <td>112.33</td> <td>-----</td> <td>97.66</td> <td>35.30</td> <td>12.08</td> <td>32.71</td> <td>113</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5176.00</td> <td>104.51</td> <td>-----</td> <td>89.84</td> <td>35.30</td> <td>12.08</td> <td>32.71</td> <td>113</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cm | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5176.00 | 112.33 | ----- | 97.66 | 35.30 | 12.08 | 32.71 | 113 | 330 | Peak | HORIZONTAL | 2 | 5176.00 | 104.51 | ----- | 89.84 | 35.30 | 12.08 | 32.71 | 113 | 330 | Average | HORIZONTAL |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5143.68 | 66.43 | -7.57 | 74.00 | 51.84 | 35.29 | 12.02 | 32.72 | 113 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5176.00 | 112.33 | ----- | 97.66 | 35.30 | 12.08 | 32.71 | 113 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5176.00 | 104.51 | ----- | 89.84 | 35.30 | 12.08 | 32.71 | 113 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 032806-KS Condition : SB BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:0.0100kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>53.41</td> <td>-0.99</td> <td>54.00</td> <td>38.82</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>113</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cm | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5149.98 | 53.41 | -0.99 | 54.00 | 38.82 | 35.29 | 12.02 | 32.72 | 113 | 330 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 53.41 | -0.99 | 54.00 | 38.82 | 35.29 | 12.02 | 32.72 | 113 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|----------|----------|--------------|-------------|----|----|--------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|--------------|-------------|----|----|--------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11n HT20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>on deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5144.80</td> <td>61.11</td> <td>-12.89</td> <td>74.00</td> <td>46.86</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>302</td> <td>351</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | on deg | 1 | 5144.80 | 61.11 | -12.89 | 74.00 | 46.86 | 34.93 | 12.02 | 32.72 | 302 | 351 | Peak | VERTICAL |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>on deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5176.00</td> <td>108.53</td> <td>-----</td> <td>84.30</td> <td>34.94</td> <td>12.08</td> <td>32.71</td> <td>302</td> <td>351</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5176.00</td> <td>100.89</td> <td>-----</td> <td>84.56</td> <td>34.94</td> <td>12.08</td> <td>32.71</td> <td>302</td> <td>351</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | on deg | 1 | 5176.00 | 108.53 | ----- | 84.30 | 34.94 | 12.08 | 32.71 | 302 | 351 | Peak | VERTICAL | 2 | 5176.00 | 100.89 | ----- | 84.56 | 34.94 | 12.08 | 32.71 | 302 | 351 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | on deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5144.80 | 61.11 | -12.89 | 74.00 | 46.86 | 34.93 | 12.02 | 32.72 | 302 | 351 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | on deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5176.00 | 108.53 | ----- | 84.30 | 34.94 | 12.08 | 32.71 | 302 | 351 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5176.00 | 100.89 | ----- | 84.56 | 34.94 | 12.08 | 32.71 | 302 | 351 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | on deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 49.74 | -4.26 | 54.00 | 35.51 | 34.93 | 12.02 | 32.72 | 302 | 351 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

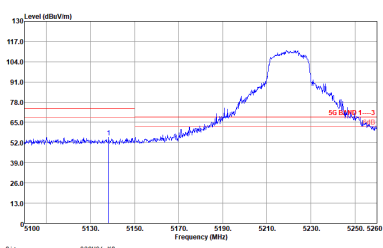
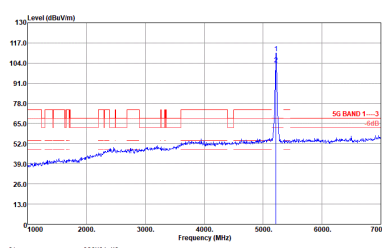
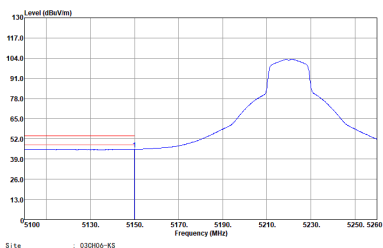


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|------|--------|----|----|-----|--------|----|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|--------|----|----|-----|--------|----|--------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11n HT20 CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5137.92 | 56.97 | -17.43 | 74.00 | 42.03 | 35.28 | 11.99 | 32.73 | 236 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 | 114.13 | ----- | 99.35 | 35.33 | 12.13 | 32.69 | 236 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 | 107.47 | ----- | 92.70 | 35.33 | 12.13 | 32.69 | 236 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.28 | 47.19 | -6.81 | 54.00 | 32.60 | 35.29 | 12.02 | 32.72 | 236 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------|--------------|-------------|----|-----|--|-----------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|
| ANT | 802.11n HT20 CH44 5220MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030806-KS Condition : SG BAND 1---3 3a 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 5354.10</td> <td>56.68</td> <td>-17.32</td> <td>74.00</td> <td>41.61</td> <td>35.42</td> <td>12.29</td> <td>32.64</td> <td>236</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | cm | deg | | 1 5354.10 | 56.68 | -17.32 | 74.00 | 41.61 | 35.42 | 12.29 | 32.64 | 236 | 330 | Peak | HORIZONTAL | - |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5354.10 | 56.68 | -17.32 | 74.00 | 41.61 | 35.42 | 12.29 | 32.64 | 236 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | |
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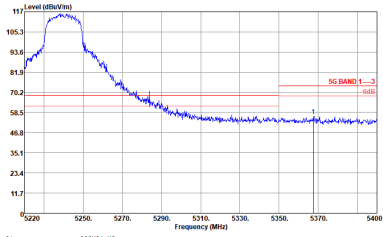
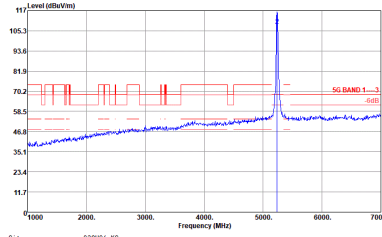
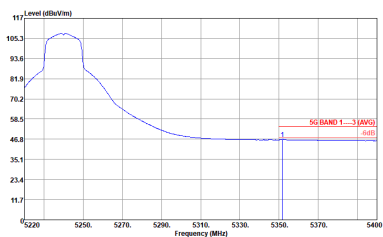


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------|-------------|-------|--------|--------|----------|--------|----------|----------|----------|------|-------|--------|------|--------|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|------|-------|--------|------|--------|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|----|------|----------|---|---------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|
| ANT | 802.11n HT20 CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 030900-KS Condition : SG BAND 1---3 In 3117 SN 75957 VERTICAL SBB: 1000.000MHz VBR: 3000.000MHz SRT: Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5138.24</td> <td>55.45</td> <td>-18.55</td> <td>74.00</td> <td>41.28</td> <td>34.91</td> <td>11.99</td> <td>32.73</td> <td>100</td> <td>18</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | 1 | 5138.24 | 55.45 | -18.55 | 74.00 | 41.28 | 34.91 | 11.99 | 32.73 | 100 | 18 | Peak | VERTICAL |  <p>Site : 030900-KS Condition : SG BAND 1---3 In 3117 SN 75957 VERTICAL SBB: 1000.000MHz VBR: 3000.000MHz SRT: Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5218.00</td> <td>110.60</td> <td>-----</td> <td>86.17</td> <td>34.99</td> <td>12.13</td> <td>32.69</td> <td>100</td> <td>18</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5218.00</td> <td>103.27</td> <td>-----</td> <td>88.84</td> <td>34.99</td> <td>12.13</td> <td>32.69</td> <td>100</td> <td>18</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | 1 | 5218.00 | 110.60 | ----- | 86.17 | 34.99 | 12.13 | 32.69 | 100 | 18 | Peak | VERTICAL | 2 | 5218.00 | 103.27 | ----- | 88.84 | 34.99 | 12.13 | 32.69 | 100 | 18 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5138.24 | 55.45 | -18.55 | 74.00 | 41.28 | 34.91 | 11.99 | 32.73 | 100 | 18 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 | 110.60 | ----- | 86.17 | 34.99 | 12.13 | 32.69 | 100 | 18 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 | 103.27 | ----- | 88.84 | 34.99 | 12.13 | 32.69 | 100 | 18 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 030900-KS Condition : SG BAND 1---3 (AVG) In 3117 SN 75957 VERTICAL SBB: 1000.000MHz VBR: 0.010MHz SRT: Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>45.29</td> <td>-8.71</td> <td>54.00</td> <td>31.06</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>18</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | 1 | 5149.98 | 45.29 | -8.71 | 54.00 | 31.06 | 34.93 | 12.02 | 32.72 | 100 | 18 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 45.29 | -8.71 | 54.00 | 31.06 | 34.93 | 12.02 | 32.72 | 100 | 18 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

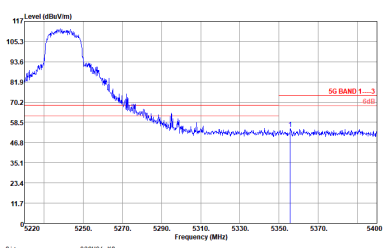
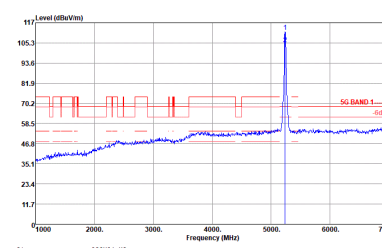
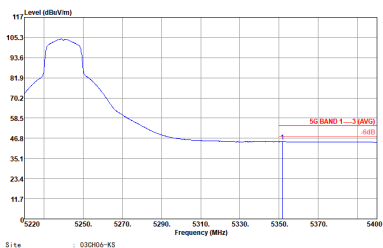


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|----------|--------------|-------------|----|-----|--|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|---|
| ANT | 802.11n HT20 CH44 5220MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030806-K3 Condition : SG BAND 1---3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5355.54</td> <td>55.36</td> <td>-18.64</td> <td>74.00</td> <td>40.59</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>100</td> <td>18</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | 1 | 5355.54 | 55.36 | -18.64 | 74.00 | 40.59 | 35.12 | 12.29 | 32.64 | 100 | 18 | Peak | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5355.54 | 55.36 | -18.64 | 74.00 | 40.59 | 35.12 | 12.29 | 32.64 | 100 | 18 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030806-K3 Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.50</td> <td>44.35</td> <td>-9.65</td> <td>54.00</td> <td>29.59</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>100</td> <td>18</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | 1 | 5350.50 | 44.35 | -9.65 | 54.00 | 29.59 | 35.12 | 12.29 | 32.65 | 100 | 18 | Average | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.50 | 44.35 | -9.65 | 54.00 | 29.59 | 35.12 | 12.29 | 32.65 | 100 | 18 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------|-------------|--------|--------|--------|----------|--------|----------|------------|------------|-------|-------|------|--------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|------|--------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11n HT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-K3 : SG BAND 1---3 @ 3117 SW 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>dB</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5367.00</td> <td>56.24</td> <td>-17.76</td> <td>74.00</td> <td>41.14</td> <td>35.43</td> <td>12.31</td> <td>32.64</td> <td>232</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | 1 | 5367.00 | 56.24 | -17.76 | 74.00 | 41.14 | 35.43 | 12.31 | 32.64 | 232 | 330 | Peak | HORIZONTAL |  <p>Site Condition : 030906-K3 : SG BAND 1---3 @ 3117 SW 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>dB</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5236.00</td> <td>116.20</td> <td>-----</td> <td>101.60</td> <td>35.34</td> <td>12.15</td> <td>32.69</td> <td>232</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5236.00</td> <td>108.19</td> <td>-----</td> <td>93.39</td> <td>35.34</td> <td>12.15</td> <td>32.69</td> <td>232</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | 1 | 5236.00 | 116.20 | ----- | 101.60 | 35.34 | 12.15 | 32.69 | 232 | 330 | Peak | HORIZONTAL | 2 | 5236.00 | 108.19 | ----- | 93.39 | 35.34 | 12.15 | 32.69 | 232 | 330 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5367.00 | 56.24 | -17.76 | 74.00 | 41.14 | 35.43 | 12.31 | 32.64 | 232 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5236.00 | 116.20 | ----- | 101.60 | 35.34 | 12.15 | 32.69 | 232 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5236.00 | 108.19 | ----- | 93.39 | 35.34 | 12.15 | 32.69 | 232 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030906-K3 : SG BAND 1---3 (AVG) @ 3117 SW 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>dB</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5351.76</td> <td>46.81</td> <td>-7.19</td> <td>54.00</td> <td>31.75</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>232</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | 1 | 5351.76 | 46.81 | -7.19 | 54.00 | 31.75 | 35.42 | 12.29 | 32.65 | 232 | 330 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5351.76 | 46.81 | -7.19 | 54.00 | 31.75 | 35.42 | 12.29 | 32.65 | 232 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



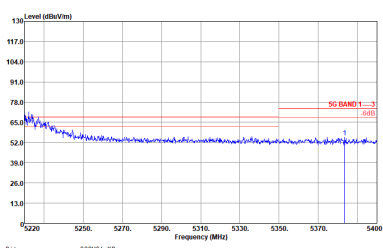
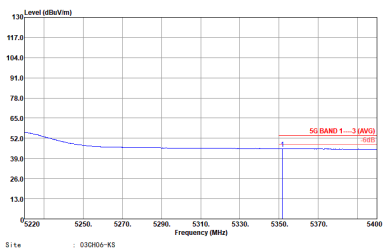
| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|----------|----------|--------------|-------------|--|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|------|--------------|-------------|--|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|--------|--|-------|-------|-------|-------|-----|----|------|----------|---|---------|--------|--|-------|-------|-------|-------|-----|----|---------|----------|
| ANT | 802.11n HT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 020806-KS : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.0000Hz YBR:3000.0000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5355.72</td> <td>54.72</td> <td>-19.28</td> <td>74.00</td> <td>39.95</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>100</td> <td>88</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | 1 | 5355.72 | 54.72 | -19.28 | 74.00 | 39.95 | 35.12 | 12.29 | 32.64 | 100 | 88 | Peak | VERTICAL |  <p>Site Condition : 020806-KS : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.0000Hz YBR:3000.0000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5236.00</td> <td>111.93</td> <td></td> <td>97.66</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>100</td> <td>88</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5236.00</td> <td>104.56</td> <td></td> <td>90.19</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>100</td> <td>88</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | 1 | 5236.00 | 111.93 | | 97.66 | 35.01 | 12.15 | 32.69 | 100 | 88 | Peak | VERTICAL | 2 | 5236.00 | 104.56 | | 90.19 | 35.01 | 12.15 | 32.69 | 100 | 88 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5355.72 | 54.72 | -19.28 | 74.00 | 39.95 | 35.12 | 12.29 | 32.64 | 100 | 88 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5236.00 | 111.93 | | 97.66 | 35.01 | 12.15 | 32.69 | 100 | 88 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5236.00 | 104.56 | | 90.19 | 35.01 | 12.15 | 32.69 | 100 | 88 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 020806-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.0000Hz YBR:0.01000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5351.76</td> <td>45.04</td> <td>-8.96</td> <td>54.00</td> <td>30.28</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>100</td> <td>88</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | 1 | 5351.76 | 45.04 | -8.96 | 54.00 | 30.28 | 35.12 | 12.29 | 32.65 | 100 | 88 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5351.76 | 45.04 | -8.96 | 54.00 | 30.28 | 35.12 | 12.29 | 32.65 | 100 | 88 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



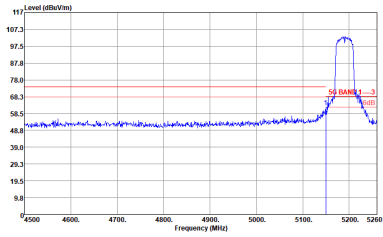
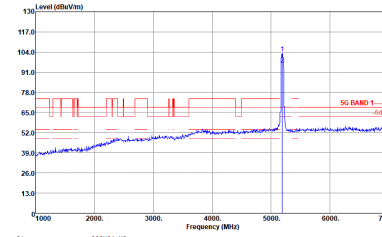
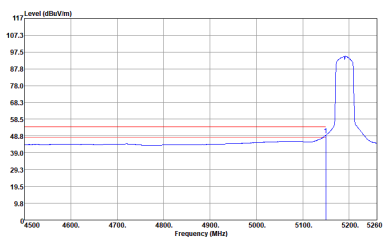
Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|---------|-------|-------|-------|-------|-------|-------|---------|------------|------------|---------|------------|---|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|-------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11n HT40 CH38 5190MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 032006-KS Condition : 5G_BAND 1-----3 3m 3117 5N 79957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5148.96</th> <th>65.32</th> <th>-8.68</th> <th>74.00</th> <th>50.73</th> <th>35.29</th> <th>12.02</th> <th>32.72</th> <th>237</th> <th>329</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5148.96 | 65.32 | -8.68 | 74.00 | 50.73 | 35.29 | 12.02 | 32.72 | 237 | 329 | Peak | HORIZONTAL | <p>Site : 032006-KS Condition : 5G_BAND 1-----3 3m 3117 5N 79957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5194.00</th> <th>107.40</th> <th>-----</th> <th>92.68</th> <th>35.31</th> <th>12.11</th> <th>32.70</th> <th>237</th> <th>329</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> <tr> <th>2</th> <th>5194.00</th> <th>78.94</th> <th>-----</th> <th>83.82</th> <th>35.31</th> <th>12.11</th> <th>32.70</th> <th>237</th> <th>329</th> <th>Average</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5194.00 | 107.40 | ----- | 92.68 | 35.31 | 12.11 | 32.70 | 237 | 329 | Peak | HORIZONTAL | 2 | 5194.00 | 78.94 | ----- | 83.82 | 35.31 | 12.11 | 32.70 | 237 | 329 | Average | HORIZONTAL |
| 1 | 5148.96 | 65.32 | -8.68 | 74.00 | 50.73 | 35.29 | 12.02 | 32.72 | 237 | 329 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5194.00 | 107.40 | ----- | 92.68 | 35.31 | 12.11 | 32.70 | 237 | 329 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5194.00 | 78.94 | ----- | 83.82 | 35.31 | 12.11 | 32.70 | 237 | 329 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 032006-KS Condition : 5G_BAND 1-----3 (AVG) 3m 3117 5N 79957 HORIZONTAL RBR:1000.000kHz YBR:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5149.98</th> <th>52.52</th> <th>-1.48</th> <th>54.00</th> <th>37.93</th> <th>35.29</th> <th>12.02</th> <th>32.72</th> <th>237</th> <th>329</th> <th>Average</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5149.98 | 52.52 | -1.48 | 54.00 | 37.93 | 35.29 | 12.02 | 32.72 | 237 | 329 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 52.52 | -1.48 | 54.00 | 37.93 | 35.29 | 12.02 | 32.72 | 237 | 329 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------|--------------|-------------|--|--|--|-----|--------|----|--------|----|----|----|-----|-----------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|----------|
| ANT | 802.11n HT40 CH38 5190MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> |  <p>Site : 030806-K3 Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5383.44</td> <td>55.33</td> <td>-18.67</td> <td>74.00</td> <td>40.19</td> <td>35.44</td> <td>12.33</td> <td>32.63</td> <td>237</td> <td>329</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | 1 5383.44 | 55.33 | -18.67 | 74.00 | 40.19 | 35.44 | 12.33 | 32.63 | 237 | 329 | Peak | HORIZONTAL | <p>-</p> |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5383.44 | 55.33 | -18.67 | 74.00 | 40.19 | 35.44 | 12.33 | 32.63 | 237 | 329 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Avg.</p> |  <p>Site : 030806-K3 Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.0000Hz VBW:0.010000Hz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5351.76</td> <td>45.35</td> <td>-8.65</td> <td>54.00</td> <td>30.29</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>237</td> <td>329</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | 1 5351.76 | 45.35 | -8.65 | 54.00 | 30.29 | 35.42 | 12.29 | 32.65 | 237 | 329 | Average | HORIZONTAL | <p>-</p> |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5351.76 | 45.35 | -8.65 | 54.00 | 30.29 | 35.42 | 12.29 | 32.65 | 237 | 329 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------|-------------|-------|--------|--------|----------|--------|----------|----------|----------|-------|-------|-------|------|--------|--------|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|-------|------|--------|--------|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------|-------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11n HT40 CH38 5190MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 03090-KS Condition : SG BAND 1---3 3m 5117 SN 75957 VERTICAL FSW:1000.000MHz YSW:3000.000MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.76</td> <td>62.26</td> <td>-11.74</td> <td>74.00</td> <td>48.03</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>301</td> <td>352</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Factor | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 5149.76 | 62.26 | -11.74 | 74.00 | 48.03 | 34.93 | 12.02 | 32.72 | 301 | 352 | Peak | VERTICAL |  <p>Site : 03090-KS Condition : SG BAND 1---3 3m 5117 SN 75957 VERTICAL FSW:1000.000MHz YSW:3000.000MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5188.00</td> <td>103.38</td> <td>-----</td> <td>89.05</td> <td>34.94</td> <td>12.08</td> <td>32.71</td> <td>301</td> <td>352</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5188.00</td> <td>94.11</td> <td>-----</td> <td>81.78</td> <td>34.94</td> <td>12.08</td> <td>32.71</td> <td>301</td> <td>352</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Factor | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 5188.00 | 103.38 | ----- | 89.05 | 34.94 | 12.08 | 32.71 | 301 | 352 | Peak | VERTICAL | 2 | 5188.00 | 94.11 | ----- | 81.78 | 34.94 | 12.08 | 32.71 | 301 | 352 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.76 | 62.26 | -11.74 | 74.00 | 48.03 | 34.93 | 12.02 | 32.72 | 301 | 352 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5188.00 | 103.38 | ----- | 89.05 | 34.94 | 12.08 | 32.71 | 301 | 352 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5188.00 | 94.11 | ----- | 81.78 | 34.94 | 12.08 | 32.71 | 301 | 352 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 03090-KS Condition : SG BAND 1---3 (AVG) 3m 5117 SN 75957 VERTICAL FSW:1000.000MHz YSW:0.010MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.92</td> <td>49.28</td> <td>-4.72</td> <td>54.00</td> <td>35.05</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>301</td> <td>352</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Factor | Factor | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 5149.92 | 49.28 | -4.72 | 54.00 | 35.05 | 34.93 | 12.02 | 32.72 | 301 | 352 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.92 | 49.28 | -4.72 | 54.00 | 35.05 | 34.93 | 12.02 | 32.72 | 301 | 352 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|----------|-------|------|--------|--------|--------|-----|--------|----|--------|----|----|----|----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|---|
| ANT | 802.11n HT40 CH38 5190MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 03000-KS Condition : SG BAND 1---3 @ 3117 SN 70567 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5378.76</td> <td>54.63</td> <td>-19.37</td> <td>74.00</td> <td>39.77</td> <td>35.16</td> <td>12.33</td> <td>32.63</td> <td>301</td> <td>352</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | Factor | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | 1 | 5378.76 | 54.63 | -19.37 | 74.00 | 39.77 | 35.16 | 12.33 | 32.63 | 301 | 352 | Peak | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5378.76 | 54.63 | -19.37 | 74.00 | 39.77 | 35.16 | 12.33 | 32.63 | 301 | 352 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 03000-KS Condition : SG BAND 1---3 (AVG) @ 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:0.0100kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5374.98</td> <td>44.00</td> <td>-10.00</td> <td>54.00</td> <td>29.19</td> <td>35.14</td> <td>12.31</td> <td>32.64</td> <td>301</td> <td>352</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | Factor | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | 1 | 5374.98 | 44.00 | -10.00 | 54.00 | 29.19 | 35.14 | 12.31 | 32.64 | 301 | 352 | Average | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5374.98 | 44.00 | -10.00 | 54.00 | 29.19 | 35.14 | 12.31 | 32.64 | 301 | 352 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |

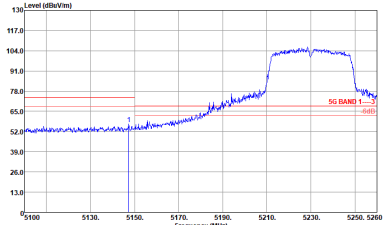
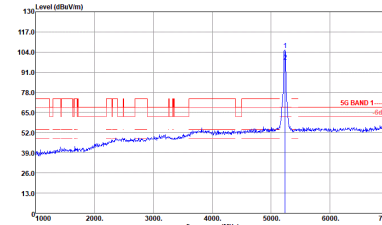
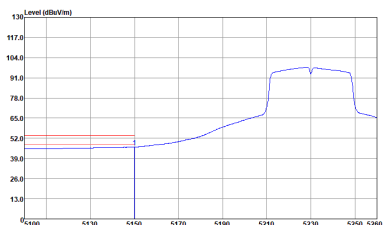


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------|-------------|-------|--------|--------|----------|--------|----------|------------|------------|-------|-------|--------|------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|--------|------|--------|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11n HT40 CH46 5230MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 030906-KS : SG BAND 1---3 On 3117 SN 70957 HORIZONTAL : RBW:1000.000MHz VBW:3000.000MHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5145.92</td> <td>58.60</td> <td>-15.40</td> <td>74.00</td> <td>44.01</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>234</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | 1 | 5145.92 | 58.60 | -15.40 | 74.00 | 44.01 | 35.29 | 12.02 | 32.72 | 234 | 330 | Peak | HORIZONTAL | <p>Site Condition : 030906-KS : SG BAND 1---3 On 3117 SN 70957 HORIZONTAL : RBW:1000.000MHz VBW:3000.000MHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5230.00</td> <td>110.00</td> <td>-----</td> <td>80.00</td> <td>30.34</td> <td>12.15</td> <td>32.69</td> <td>234</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5230.00</td> <td>101.82</td> <td>-----</td> <td>87.02</td> <td>30.34</td> <td>12.15</td> <td>32.69</td> <td>234</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | 1 | 5230.00 | 110.00 | ----- | 80.00 | 30.34 | 12.15 | 32.69 | 234 | 330 | Peak | HORIZONTAL | 2 | 5230.00 | 101.82 | ----- | 87.02 | 30.34 | 12.15 | 32.69 | 234 | 330 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5145.92 | 58.60 | -15.40 | 74.00 | 44.01 | 35.29 | 12.02 | 32.72 | 234 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5230.00 | 110.00 | ----- | 80.00 | 30.34 | 12.15 | 32.69 | 234 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5230.00 | 101.82 | ----- | 87.02 | 30.34 | 12.15 | 32.69 | 234 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 48.49 | -15.51 | 54.00 | 33.90 | 35.29 | 12.02 | 32.72 | 234 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|------------|--------------|-------------|----|-----|--|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|
| ANT | 802.11n HT40 CH46 5230MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030806-K3 Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5353.74</td> <td>56.49</td> <td>-17.01</td> <td>74.00</td> <td>41.42</td> <td>35.42</td> <td>12.29</td> <td>32.64</td> <td>234</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | 1 | 5353.74 | 56.49 | -17.01 | 74.00 | 41.42 | 35.42 | 12.29 | 32.64 | 234 | 330 | Peak | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5353.74 | 56.49 | -17.01 | 74.00 | 41.42 | 35.42 | 12.29 | 32.64 | 234 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030806-K3 Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>46.61</td> <td>-7.39</td> <td>54.00</td> <td>31.55</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>234</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | 1 | 5350.00 | 46.61 | -7.39 | 54.00 | 31.55 | 35.42 | 12.29 | 32.65 | 234 | 330 | Average | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 46.61 | -7.39 | 54.00 | 31.55 | 35.42 | 12.29 | 32.65 | 234 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | |



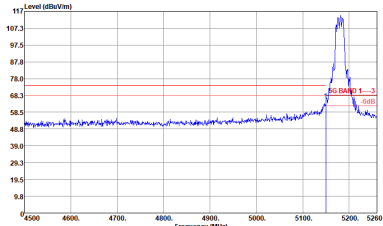
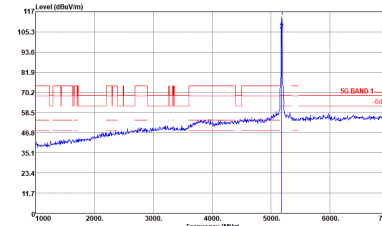
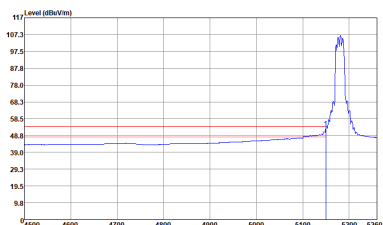
| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|--------------|--------------|--------|----------|--------|----------|---------|----------|----------|------|--------------|-------------|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|--------|--|-------|-------|-------|-------|-----|-----|------|----------|---|---------|-------|--|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11n HT40 CH46 5230MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5147.36 | 56.67 | -17.33 | 74.00 | 42.44 | 34.93 | 12.02 | 32.72 | 313 | 350 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5236.00 | 155.36 | | 80.89 | 15.01 | 12.15 | 32.69 | 313 | 350 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5236.00 | 97.82 | | 83.35 | 35.01 | 12.15 | 32.69 | 313 | 350 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 020806-KS Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL RBW:1000.0000Hz YBR:0.01000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.92</td> <td>46.38</td> <td>-7.62</td> <td>54.00</td> <td>32.15</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>313</td> <td>350</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor | | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | ca | deg | 1 | 5149.92 | 46.38 | -7.62 | 54.00 | 32.15 | 34.93 | 12.02 | 32.72 | 313 | 350 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.92 | 46.38 | -7.62 | 54.00 | 32.15 | 34.93 | 12.02 | 32.72 | 313 | 350 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | |
|------|--|-------------|---------|-------|--------|-------|-------|-------|-------|-------|---------|----------|---------|----------|---|
| ANT | 802.11n HT40 CH46 5230MHz - R | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | |
| Peak | <p>Site : 03000-K3 Condition : SG BAND 1---3 On 3117 SN 70957 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5309.68</th> <th>55.09</th> <th>-18.91</th> <th>74.00</th> <th>40.32</th> <th>35.12</th> <th>12.29</th> <th>32.64</th> <th>313</th> <th>350</th> <th>Peak</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5309.68 | 55.09 | -18.91 | 74.00 | 40.32 | 35.12 | 12.29 | 32.64 | 313 | 350 | Peak | VERTICAL | - |
| 1 | 5309.68 | 55.09 | -18.91 | 74.00 | 40.32 | 35.12 | 12.29 | 32.64 | 313 | 350 | Peak | VERTICAL | | | |
| Avg. | <p>Site : 03000-K3 Condition : SG BAND 1---3 (AVG) On 3117 SN 70957 VERTICAL : RBW 1000.000kHz VBW 0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5351.94</th> <th>44.44</th> <th>-9.56</th> <th>54.00</th> <th>29.68</th> <th>35.12</th> <th>12.29</th> <th>32.65</th> <th>313</th> <th>350</th> <th>Average</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5351.94 | 44.44 | -9.56 | 54.00 | 29.68 | 35.12 | 12.29 | 32.65 | 313 | 350 | Average | VERTICAL | - |
| 1 | 5351.94 | 44.44 | -9.56 | 54.00 | 29.68 | 35.12 | 12.29 | 32.65 | 313 | 350 | Average | VERTICAL | | | |



WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------|-------------|-------|-------------|-------|-------------|-------------|------------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|-------------|-------|-------|-------|-------|-------|-------|-------|-----|-------------|------------|---|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|-------------|--------|-------|-------|-------|-------|-------|-----|----------|------------|--|-----------|--------|-------|-------|-------|-------|-------|-----|-------------|------------|--|
| ANT | 802.11ac VHT20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 032004-KS Condition : 5G_BAND 1----3 3e 3117 5N 75957 HORIZONTAL RBW:1000.000kHz YBR:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 5149.92</td> <td>65.45</td> <td>-8.55</td> <td>74.00</td> <td>50.86</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>236</td> <td>335 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | 1 5149.92 | 65.45 | -8.55 | 74.00 | 50.86 | 35.29 | 12.02 | 32.72 | 236 | 335 Peak | HORIZONTAL |  <p>Site : 032004-KS Condition : 5G_BAND 1----3 3e 3117 5N 75957 HORIZONTAL RBW:1000.000kHz YBR:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 * 5182.00</td> <td>114.16</td> <td>-----</td> <td>99.48</td> <td>35.21</td> <td>12.08</td> <td>32.71</td> <td>236</td> <td>335 Peak</td> <td>HORIZONTAL</td> <td></td> </tr> <tr> <td>2 5182.00</td> <td>100.21</td> <td>-----</td> <td>91.53</td> <td>35.31</td> <td>12.08</td> <td>32.71</td> <td>236</td> <td>335 Average</td> <td>HORIZONTAL</td> <td></td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | 1 * 5182.00 | 114.16 | ----- | 99.48 | 35.21 | 12.08 | 32.71 | 236 | 335 Peak | HORIZONTAL | | 2 5182.00 | 100.21 | ----- | 91.53 | 35.31 | 12.08 | 32.71 | 236 | 335 Average | HORIZONTAL | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5149.92 | 65.45 | -8.55 | 74.00 | 50.86 | 35.29 | 12.02 | 32.72 | 236 | 335 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 * 5182.00 | 114.16 | ----- | 99.48 | 35.21 | 12.08 | 32.71 | 236 | 335 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 5182.00 | 100.21 | ----- | 91.53 | 35.31 | 12.08 | 32.71 | 236 | 335 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 032004-KS Condition : 5G_BAND 1----3 (AVG) 3e 3117 5N 75957 HORIZONTAL RBW:1000.000kHz YBR:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 1 5149.98</td> <td>53.25</td> <td>-0.75</td> <td>54.00</td> <td>38.66</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>236</td> <td>335 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | 1 1 5149.98 | 53.25 | -0.75 | 54.00 | 38.66 | 35.29 | 12.02 | 32.72 | 236 | 335 Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 1 5149.98 | 53.25 | -0.75 | 54.00 | 38.66 | 35.29 | 12.02 | 32.72 | 236 | 335 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--------------|--------------|-------------|--------------|--------|----------|--------|----------|----------|----------|--------------|-------------|----|----|----|-----|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|-------|------|--------------|-------------|----|----|----|-----|---------|--------|-------|-------|-------|-------|-------|-----|----|------|----------|---------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|
| ANT | 802.11ac VHT20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 03090-KS Condition : SG BAND 1-3 @ 3117 SN 75957 VERTICAL RBW:1000.000MHz VBW:3000.000MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>5149.98</td> <td>59.63</td> <td>-14.37</td> <td>74.00</td> <td>45.40</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>88</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | 5149.98 | 59.63 | -14.37 | 74.00 | 45.40 | 34.93 | 12.02 | 32.72 | 100 | 88 | Peak | VERTICAL | <p>Site : 03090-KS Condition : SG BAND 1-3 @ 3117 SN 75957 VERTICAL RBW:1000.000MHz VBW:3000.000MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>5182.00</td> <td>108.89</td> <td>-----</td> <td>84.66</td> <td>34.96</td> <td>12.08</td> <td>32.71</td> <td>100</td> <td>88</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>5182.00</td> <td>101.65</td> <td>-----</td> <td>87.32</td> <td>34.98</td> <td>12.08</td> <td>32.71</td> <td>100</td> <td>88</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | 5182.00 | 108.89 | ----- | 84.66 | 34.96 | 12.08 | 32.71 | 100 | 88 | Peak | VERTICAL | 5182.00 | 101.65 | ----- | 87.32 | 34.98 | 12.08 | 32.71 | 100 | 88 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5149.98 | 59.63 | -14.37 | 74.00 | 45.40 | 34.93 | 12.02 | 32.72 | 100 | 88 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5182.00 | 108.89 | ----- | 84.66 | 34.96 | 12.08 | 32.71 | 100 | 88 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5182.00 | 101.65 | ----- | 87.32 | 34.98 | 12.08 | 32.71 | 100 | 88 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 03090-KS Condition : SG BAND 1-3 (AVG) @ 3117 SN 75957 VERTICAL RBW:1000.000MHz VBW:0.010MHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>5149.98</td> <td>49.36</td> <td>-4.64</td> <td>54.00</td> <td>35.13</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>88</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | 5149.98 | 49.36 | -4.64 | 54.00 | 35.13 | 34.93 | 12.02 | 32.72 | 100 | 88 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Level | Line | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5149.98 | 49.36 | -4.64 | 54.00 | 35.13 | 34.93 | 12.02 | 32.72 | 100 | 88 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------|--------|-------|--------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11ac VHT20 CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 020900-K5 : SG BAND 1----3 On 3117 SN 70957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5116.04</td> <td>58.85</td> <td>-15.19</td> <td>74.00</td> <td>44.37</td> <td>35.26</td> <td>11.90</td> <td>32.74</td> <td>233</td> <td>335</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | 1 | 5116.04 | 58.85 | -15.19 | 74.00 | 44.37 | 35.26 | 11.90 | 32.74 | 233 | 335 | Peak | HORIZONTAL | <p>Site Condition : 020900-K5 : SG BAND 1----3 On 3117 SN 70957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5218.00</td> <td>117.48</td> <td>-----</td> <td>102.71</td> <td>35.23</td> <td>12.13</td> <td>32.69</td> <td>233</td> <td>335</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5218.00</td> <td>110.00</td> <td>-----</td> <td>95.83</td> <td>35.23</td> <td>12.13</td> <td>32.69</td> <td>233</td> <td>335</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | 1 | 5218.00 | 117.48 | ----- | 102.71 | 35.23 | 12.13 | 32.69 | 233 | 335 | Peak | HORIZONTAL | 2 | 5218.00 | 110.00 | ----- | 95.83 | 35.23 | 12.13 | 32.69 | 233 | 335 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5116.04 | 58.85 | -15.19 | 74.00 | 44.37 | 35.26 | 11.90 | 32.74 | 233 | 335 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 | 117.48 | ----- | 102.71 | 35.23 | 12.13 | 32.69 | 233 | 335 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 | 110.00 | ----- | 95.83 | 35.23 | 12.13 | 32.69 | 233 | 335 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site Condition : 020900-K5 : SG BAND 1----3 (AVG) On 3117 SN 70957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>48.50</td> <td>-5.50</td> <td>54.00</td> <td>33.91</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>233</td> <td>335</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | 1 | 5149.98 | 48.50 | -5.50 | 54.00 | 33.91 | 35.29 | 12.02 | 32.72 | 233 | 335 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 48.50 | -5.50 | 54.00 | 33.91 | 35.29 | 12.02 | 32.72 | 233 | 335 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------|-------------|-------|-------------|-------|--------|--------|-------------|------------|----------|-----|--------|----|--------|-------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-------------|------------|---|
| ANT | 802.11ac VHT20 CH44 5220MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-K3 Condition : SG BAND 1---3 @ 3117 SN 70957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5360.58</td> <td>58.45</td> <td>-15.54</td> <td>74.00</td> <td>43.37</td> <td>35.42</td> <td>12.31</td> <td>32.64</td> <td>233</td> <td>335 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | cm | deg | | | 1 | 5360.58 | 58.45 | -15.54 | 74.00 | 43.37 | 35.42 | 12.31 | 32.64 | 233 | 335 Peak | HORIZONTAL | - |
| Freq | Level | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5360.58 | 58.45 | -15.54 | 74.00 | 43.37 | 35.42 | 12.31 | 32.64 | 233 | 335 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030906-K3 Condition : SG BAND 1---3 (AVG) @ 3117 SN 70957 HORIZONTAL RBW:1000.000kHz VBW:0.01000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.68</td> <td>47.06</td> <td>-6.94</td> <td>54.00</td> <td>32.00</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>233</td> <td>335 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | cm | deg | | | 1 | 5350.68 | 47.06 | -6.94 | 54.00 | 32.00 | 35.42 | 12.29 | 32.65 | 233 | 335 Average | HORIZONTAL | - |
| Freq | Level | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.68 | 47.06 | -6.94 | 54.00 | 32.00 | 35.42 | 12.29 | 32.65 | 233 | 335 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | |

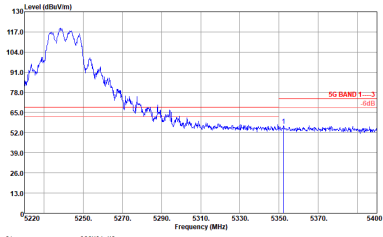
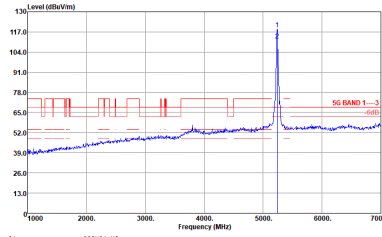
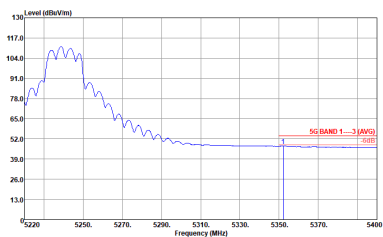


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|----------|----------|-------|------|------|----|-----|-----|--------|----|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|------|----|-----|-----|--------|----|--------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|----|------|----------|---|---------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|
| ANT | 802.11ac VHT20 CH44 5220MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 032604-K5 : SG BAND 1---3 3m 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5170.00</td> <td>57.60</td> <td>-16.40</td> <td>74.00</td> <td>43.47</td> <td>34.90</td> <td>11.96</td> <td>32.73</td> <td>100</td> <td>87</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cn | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5170.00 | 57.60 | -16.40 | 74.00 | 43.47 | 34.90 | 11.96 | 32.73 | 100 | 87 | Peak | VERTICAL | <p>Site Condition : 032604-K5 : SG BAND 1---3 3m 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5218.00</td> <td>112.63</td> <td>-----</td> <td>88.00</td> <td>34.99</td> <td>12.12</td> <td>32.69</td> <td>100</td> <td>87</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5218.00</td> <td>106.54</td> <td>-----</td> <td>92.11</td> <td>34.99</td> <td>12.13</td> <td>32.69</td> <td>100</td> <td>87</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cn | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5218.00 | 112.63 | ----- | 88.00 | 34.99 | 12.12 | 32.69 | 100 | 87 | Peak | VERTICAL | 2 | 5218.00 | 106.54 | ----- | 92.11 | 34.99 | 12.13 | 32.69 | 100 | 87 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5170.00 | 57.60 | -16.40 | 74.00 | 43.47 | 34.90 | 11.96 | 32.73 | 100 | 87 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5218.00 | 112.63 | ----- | 88.00 | 34.99 | 12.12 | 32.69 | 100 | 87 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5218.00 | 106.54 | ----- | 92.11 | 34.99 | 12.13 | 32.69 | 100 | 87 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site Condition : 032604-K5 : SG BAND 1---3 (AVG) 3m 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>cn</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>46.95</td> <td>-7.05</td> <td>54.00</td> <td>32.72</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>87</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Loss | cn | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 | 5149.98 | 46.95 | -7.05 | 54.00 | 32.72 | 34.93 | 12.02 | 32.72 | 100 | 87 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Loss | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 46.95 | -7.05 | 54.00 | 32.72 | 34.93 | 12.02 | 32.72 | 100 | 87 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

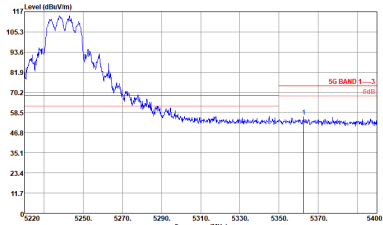
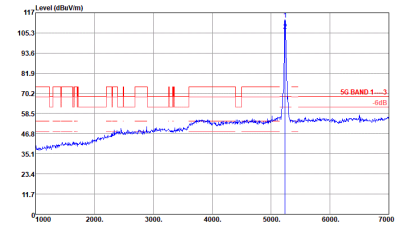
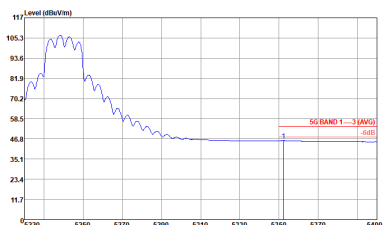


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|----------|--------------|-------------|----|-----|--|-----|--------|----|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|---|
| ANT | 802.11ac VHT20 CH44 5220MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-K3 Condition : SG BAND 1---3 @ 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5358.78</td> <td>56.22</td> <td>-17.78</td> <td>74.00</td> <td>41.45</td> <td>35.12</td> <td>12.29</td> <td>32.64</td> <td>100</td> <td>87</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | 1 | 5358.78 | 56.22 | -17.78 | 74.00 | 41.45 | 35.12 | 12.29 | 32.64 | 100 | 87 | Peak | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5358.78 | 56.22 | -17.78 | 74.00 | 41.45 | 35.12 | 12.29 | 32.64 | 100 | 87 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030906-K3 Condition : SG BAND 1---3 (AVG) @ 3117 SN 70957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>ca</th> <th>deg</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5351.40</td> <td>45.54</td> <td>-8.46</td> <td>54.00</td> <td>30.78</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>100</td> <td>87</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | 1 | 5351.40 | 45.54 | -8.46 | 54.00 | 30.78 | 35.12 | 12.29 | 32.65 | 100 | 87 | Average | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5351.40 | 45.54 | -8.46 | 54.00 | 30.78 | 35.12 | 12.29 | 32.65 | 100 | 87 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|------------|-------------|------------|-------------|-------|--------|-------------|-------------|------------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-------------|------------|--|------|------|-------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|---------|--------|-------|--------|-------|-------|-------|-----|----------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-------------|------------|
| ANT | 802.11ac VHT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 020906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBμV/m</th> <th>dB</th> <th>dBμV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5352.30</td> <td>56.61</td> <td>-17.39</td> <td>74.00</td> <td>41.55</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>230</td> <td>335 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | 1 | 5352.30 | 56.61 | -17.39 | 74.00 | 41.55 | 35.42 | 12.29 | 32.65 | 230 | 335 Peak | HORIZONTAL |  <p>Site Condition : 020906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBμV/m</th> <th>dB</th> <th>dBμV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5242.00</td> <td>118.79</td> <td>-----</td> <td>102.97</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>230</td> <td>335 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5242.00</td> <td>111.57</td> <td>-----</td> <td>96.75</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>230</td> <td>335 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | 1 | 5242.00 | 118.79 | ----- | 102.97 | 35.34 | 12.17 | 32.69 | 230 | 335 Peak | HORIZONTAL | 2 | 5242.00 | 111.57 | ----- | 96.75 | 35.34 | 12.17 | 32.69 | 230 | 335 Average | HORIZONTAL |
| Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5352.30 | 56.61 | -17.39 | 74.00 | 41.55 | 35.42 | 12.29 | 32.65 | 230 | 335 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5242.00 | 118.79 | ----- | 102.97 | 35.34 | 12.17 | 32.69 | 230 | 335 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5242.00 | 111.57 | ----- | 96.75 | 35.34 | 12.17 | 32.69 | 230 | 335 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 020906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Avg</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBμV/m</th> <th>dB</th> <th>dBμV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5352.12</td> <td>47.49</td> <td>-6.51</td> <td>54.00</td> <td>32.43</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>230</td> <td>335 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Avg | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | 1 | 5352.12 | 47.49 | -6.51 | 54.00 | 32.43 | 35.42 | 12.29 | 32.65 | 230 | 335 Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBμV/m | dB | dBμV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5352.12 | 47.49 | -6.51 | 54.00 | 32.43 | 35.42 | 12.29 | 32.65 | 230 | 335 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--------------|--------------|-------------|--------------|--------|----------|--------|----------|------------|----------|--------------|-------------|----|----|-----|--|-----------|-------|--------|-------|-------|-------|-------|-------|-----|----|---------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------------|------|--------------|-------------|----|----|-----|--|-------------|--------|-------|-------|-------|-------|-------|-------|-----|----|------|----------|-----------|--------|-------|-------|-------|-------|-------|-------|-----|----|---------|----------|
| ANT | 802.11ac VHT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 020906-K3 : 5G BAND T-----3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 5362.56</td> <td>56.02</td> <td>-17.98</td> <td>74.00</td> <td>41.21</td> <td>35.14</td> <td>12.31</td> <td>32.64</td> <td>100</td> <td>90</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | 1 5362.56 | 56.02 | -17.98 | 74.00 | 41.21 | 35.14 | 12.31 | 32.64 | 100 | 90 | Peak | VERTICAL |  <p>Site Condition : 020906-K3 : 5G BAND T-----3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 * 5236.00</td> <td>113.20</td> <td>-----</td> <td>-----</td> <td>98.73</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>100</td> <td>90</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2 5236.00</td> <td>106.07</td> <td>-----</td> <td>-----</td> <td>92.20</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>100</td> <td>90</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | 1 * 5236.00 | 113.20 | ----- | ----- | 98.73 | 35.01 | 12.15 | 32.69 | 100 | 90 | Peak | VERTICAL | 2 5236.00 | 106.07 | ----- | ----- | 92.20 | 35.01 | 12.15 | 32.69 | 100 | 90 | Average | VERTICAL |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5362.56 | 56.02 | -17.98 | 74.00 | 41.21 | 35.14 | 12.31 | 32.64 | 100 | 90 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 * 5236.00 | 113.20 | ----- | ----- | 98.73 | 35.01 | 12.15 | 32.69 | 100 | 90 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 5236.00 | 106.07 | ----- | ----- | 92.20 | 35.01 | 12.15 | 32.69 | 100 | 90 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 020906-K3 : 5G BAND T-----3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 5352.30</td> <td>45.84</td> <td>-8.16</td> <td>54.00</td> <td>31.08</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>100</td> <td>90</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | 1 5352.30 | 45.84 | -8.16 | 54.00 | 31.08 | 35.12 | 12.29 | 32.65 | 100 | 90 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq Level | Line | Level Factor | Loss Factor | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5352.30 | 45.84 | -8.16 | 54.00 | 31.08 | 35.12 | 12.29 | 32.65 | 100 | 90 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



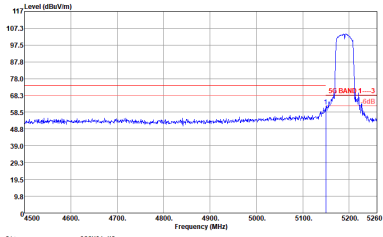
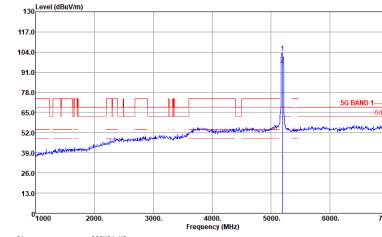
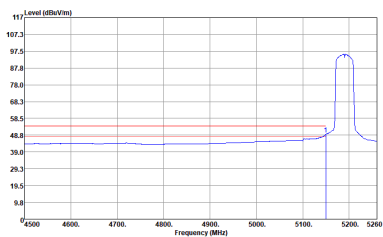
**Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--------------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------------|-------|------|--------|--------|--------|-----|--------|----|--------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|------|--------|--------|--------|-----|--------|----|--------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11ac VHT40 CH38 5190MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 032026-KS : 5G BAND 1-----3 3m 3117 5N 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5148.80</td> <td>67.69</td> <td>-6.31</td> <td>74.00</td> <td>53.10</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>333</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | Factor | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | 1 | 5148.80 | 67.69 | -6.31 | 74.00 | 53.10 | 35.29 | 12.02 | 32.72 | 100 | 333 | Peak | HORIZONTAL | <p>Site Condition : 032026-KS : 5G BAND 1-----3 3m 3117 5N 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5194.00</td> <td>108.48</td> <td>-----</td> <td>93.76</td> <td>35.31</td> <td>12.11</td> <td>32.70</td> <td>100</td> <td>333</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5194.00</td> <td>100.75</td> <td>-----</td> <td>86.04</td> <td>35.31</td> <td>12.11</td> <td>32.70</td> <td>100</td> <td>333</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | Factor | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | 1 | 5194.00 | 108.48 | ----- | 93.76 | 35.31 | 12.11 | 32.70 | 100 | 333 | Peak | HORIZONTAL | 2 | 5194.00 | 100.75 | ----- | 86.04 | 35.31 | 12.11 | 32.70 | 100 | 333 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5148.80 | 67.69 | -6.31 | 74.00 | 53.10 | 35.29 | 12.02 | 32.72 | 100 | 333 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5194.00 | 108.48 | ----- | 93.76 | 35.31 | 12.11 | 32.70 | 100 | 333 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5194.00 | 100.75 | ----- | 86.04 | 35.31 | 12.11 | 32.70 | 100 | 333 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site Condition : 032026-KS : 5G BAND 1-----3 3m 3117 5N 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>52.93</td> <td>-1.07</td> <td>54.00</td> <td>38.34</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>100</td> <td>333</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | Factor | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | 1 | 5149.98 | 52.93 | -1.07 | 54.00 | 38.34 | 35.29 | 12.02 | 32.72 | 100 | 333 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 52.93 | -1.07 | 54.00 | 38.34 | 35.29 | 12.02 | 32.72 | 100 | 333 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | |
|------|--|-------------|---------|-------|--------|-------|-------|-------|-------|-------|---------|------------|---------|------------|---|
| ANT | 802.11ac VHT40 CH38 5190MHz - R | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-K3 Condition : SG BAND 1---3 @a 3117 SN 70957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5309.40</th> <th>55.97</th> <th>-18.03</th> <th>74.00</th> <th>40.87</th> <th>35.43</th> <th>12.31</th> <th>32.64</th> <th>100</th> <th>333</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5309.40 | 55.97 | -18.03 | 74.00 | 40.87 | 35.43 | 12.31 | 32.64 | 100 | 333 | Peak | HORIZONTAL | - |
| 1 | 5309.40 | 55.97 | -18.03 | 74.00 | 40.87 | 35.43 | 12.31 | 32.64 | 100 | 333 | Peak | HORIZONTAL | | | |
| Avg. | <p>Site : 030906-K3 Condition : SG BAND 1---3 (AVG) @a 3117 SN 70957 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5350.14</th> <th>45.42</th> <th>-8.58</th> <th>54.00</th> <th>30.36</th> <th>35.42</th> <th>12.29</th> <th>32.65</th> <th>100</th> <th>333</th> <th>Average</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 5350.14 | 45.42 | -8.58 | 54.00 | 30.36 | 35.42 | 12.29 | 32.65 | 100 | 333 | Average | HORIZONTAL | - |
| 1 | 5350.14 | 45.42 | -8.58 | 54.00 | 30.36 | 35.42 | 12.29 | 32.65 | 100 | 333 | Average | HORIZONTAL | | | |

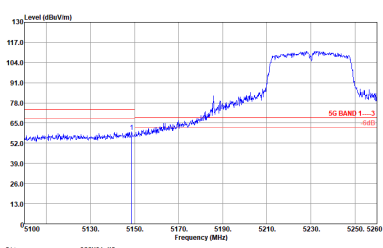
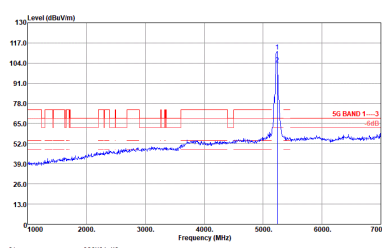
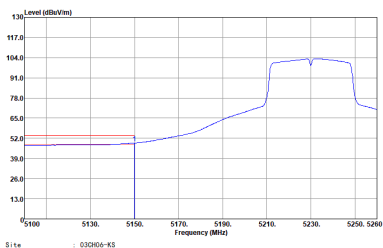


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|-------|--------|--------|----------|--------|----------|----------|----------|-------|--------------|-------------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|--------------|-------------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------|-------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11ac VHT40 CH38 5190MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 70567 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.92</td> <td>61.89</td> <td>-12.11</td> <td>74.00</td> <td>47.66</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>316</td> <td>326</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | 1 | 5149.92 | 61.89 | -12.11 | 74.00 | 47.66 | 34.93 | 12.02 | 32.72 | 316 | 326 | Peak | VERTICAL |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 70567 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5194.00</td> <td>103.59</td> <td>-----</td> <td>89.00</td> <td>34.98</td> <td>12.11</td> <td>32.70</td> <td>316</td> <td>326</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5194.00</td> <td>94.01</td> <td>-----</td> <td>81.62</td> <td>34.98</td> <td>12.11</td> <td>32.70</td> <td>316</td> <td>326</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | 1 | 5194.00 | 103.59 | ----- | 89.00 | 34.98 | 12.11 | 32.70 | 316 | 326 | Peak | VERTICAL | 2 | 5194.00 | 94.01 | ----- | 81.62 | 34.98 | 12.11 | 32.70 | 316 | 326 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.92 | 61.89 | -12.11 | 74.00 | 47.66 | 34.93 | 12.02 | 32.72 | 316 | 326 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5194.00 | 103.59 | ----- | 89.00 | 34.98 | 12.11 | 32.70 | 316 | 326 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5194.00 | 94.01 | ----- | 81.62 | 34.98 | 12.11 | 32.70 | 316 | 326 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 70567 VERTICAL : RBW:1000.0000Hz VBW:0.010000Hz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>49.19</td> <td>-4.81</td> <td>54.00</td> <td>34.96</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>316</td> <td>326</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | 1 | 5149.98 | 49.19 | -4.81 | 54.00 | 34.96 | 34.93 | 12.02 | 32.72 | 316 | 326 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 49.19 | -4.81 | 54.00 | 34.96 | 34.93 | 12.02 | 32.72 | 316 | 326 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------|-------------|-------|--------|--------|----------|--------|-------------|----------|-------|-------|-------|------|----|----|----|-----|-----|--------|----|--------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-------------|----------|---|
| ANT | 802.11ac VHT40 CH38 5190MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 03000-KS Condition : SG BAND 1---3 On 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5364.00</td> <td>54.78</td> <td>-19.22</td> <td>74.00</td> <td>29.97</td> <td>35.14</td> <td>12.31</td> <td>32.64</td> <td>316</td> <td>326 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | dB | dB | dB | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | deg | 1 | 5364.00 | 54.78 | -19.22 | 74.00 | 29.97 | 35.14 | 12.31 | 32.64 | 316 | 326 Peak | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5364.00 | 54.78 | -19.22 | 74.00 | 29.97 | 35.14 | 12.31 | 32.64 | 316 | 326 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 03000-KS Condition : SG BAND 1---3 (AVG) On 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.32</td> <td>44.78</td> <td>-9.22</td> <td>54.00</td> <td>30.02</td> <td>35.12</td> <td>12.29</td> <td>32.65</td> <td>316</td> <td>326 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | dB | dB | dB | deg | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | deg | 1 | 5350.32 | 44.78 | -9.22 | 54.00 | 30.02 | 35.12 | 12.29 | 32.65 | 316 | 326 Average | VERTICAL | - |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.32 | 44.78 | -9.22 | 54.00 | 30.02 | 35.12 | 12.29 | 32.65 | 316 | 326 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

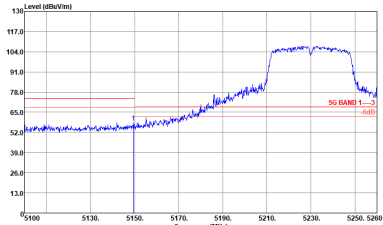
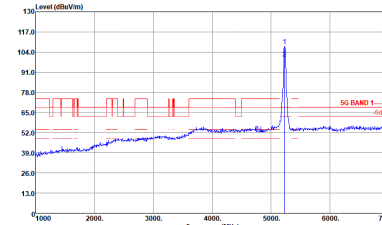
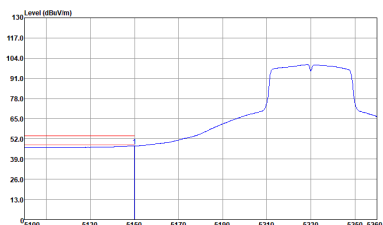


| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|-------|--------|--------|----------|--------|----------|------------|------------|-------|--------------|-------------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|--------------|-------------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|------|------------|---|---------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11ac VHT40 CH46 5230MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 70957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5148.64</td> <td>59.23</td> <td>-14.77</td> <td>74.00</td> <td>44.64</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>204</td> <td>334</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | 1 | 5148.64 | 59.23 | -14.77 | 74.00 | 44.64 | 35.29 | 12.02 | 32.72 | 204 | 334 | Peak | HORIZONTAL |  <p>Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 70957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5242.00</td> <td>111.50</td> <td>-----</td> <td>86.68</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>204</td> <td>334</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5242.00</td> <td>103.31</td> <td>-----</td> <td>88.49</td> <td>35.34</td> <td>12.17</td> <td>32.69</td> <td>204</td> <td>334</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | 1 | 5242.00 | 111.50 | ----- | 86.68 | 35.34 | 12.17 | 32.69 | 204 | 334 | Peak | HORIZONTAL | 2 | 5242.00 | 103.31 | ----- | 88.49 | 35.34 | 12.17 | 32.69 | 204 | 334 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5148.64 | 59.23 | -14.77 | 74.00 | 44.64 | 35.29 | 12.02 | 32.72 | 204 | 334 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5242.00 | 111.50 | ----- | 86.68 | 35.34 | 12.17 | 32.69 | 204 | 334 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5242.00 | 103.31 | ----- | 88.49 | 35.34 | 12.17 | 32.69 | 204 | 334 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 70957 HORIZONTAL : RBW:1000.0000Hz VBW:0.010000Hz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>ca</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98</td> <td>48.99</td> <td>-5.01</td> <td>54.00</td> <td>34.40</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>204</td> <td>334</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | 1 | 5149.98 | 48.99 | -5.01 | 54.00 | 34.40 | 35.29 | 12.02 | 32.72 | 204 | 334 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | ca | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 | 48.99 | -5.01 | 54.00 | 34.40 | 35.29 | 12.02 | 32.72 | 204 | 334 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|------|---------|------------|-------|------|--------|--|--|-----|-------|----|-------|-----|----|----|-----|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|
| ANT | 802.11ac VHT40 CH46 5230MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030806-KS Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dBV</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5382.54</td> <td>56.85</td> <td>-17.10</td> <td>74.00</td> <td>41.71</td> <td>35.44</td> <td>12.33</td> <td>32.63</td> <td>204</td> <td>334</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | | | MHz | dBV/m | dB | dBV/m | dBV | dB | cm | deg | 1 | 5382.54 | 56.85 | -17.10 | 74.00 | 41.71 | 35.44 | 12.33 | 32.63 | 204 | 334 | Peak | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dBV | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5382.54 | 56.85 | -17.10 | 74.00 | 41.71 | 35.44 | 12.33 | 32.63 | 204 | 334 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030806-KS Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.0100kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dBV</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.86</td> <td>47.29</td> <td>-6.71</td> <td>54.00</td> <td>32.23</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>204</td> <td>334</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Loss | Factor | | | MHz | dBV/m | dB | dBV/m | dBV | dB | cm | deg | 1 | 5350.86 | 47.29 | -6.71 | 54.00 | 32.23 | 35.42 | 12.29 | 32.65 | 204 | 334 | Average | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dBV | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.86 | 47.29 | -6.71 | 54.00 | 32.23 | 35.42 | 12.29 | 32.65 | 204 | 334 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



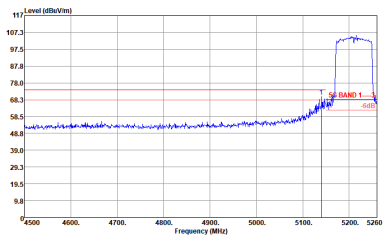
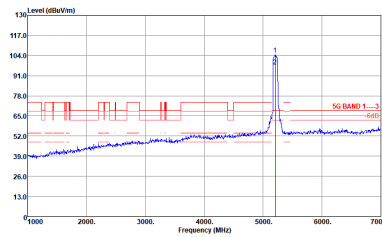
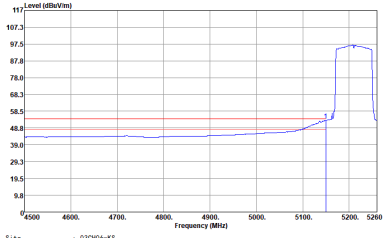
| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|----------|----------|-------|--------------|-------------|----|----|----|-----|--------|----|--------|----|----|----|----|---|---------------|--------|-------|-------|-------|-------|-------|-----|-----|---------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|--------------|-------------|----|----|----|-----|--------|----|--------|----|----|----|----|---|----------------|-------|-------|-------|-------|-------|-----|-----|------|----------|---|---------------|-------|-------|-------|-------|-------|-----|-----|---------|----------|
| ANT | 802.11ac VHT40 CH46 5230MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030900-KS : SG BAND 1---3 On 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.60 58.47</td> <td>-15.53</td> <td>74.00</td> <td>44.24</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>207</td> <td>345</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | 1 | 5149.60 58.47 | -15.53 | 74.00 | 44.24 | 34.93 | 12.02 | 32.72 | 207 | 345 | Peak | VERTICAL |  <p>Site Condition : 030900-KS : SG BAND 1---3 On 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5230.00 167.73</td> <td>-----</td> <td>82.16</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>207</td> <td>345</td> <td>Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5230.00 99.82</td> <td>-----</td> <td>85.35</td> <td>35.01</td> <td>12.15</td> <td>32.69</td> <td>207</td> <td>345</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | 1 | 5230.00 167.73 | ----- | 82.16 | 35.01 | 12.15 | 32.69 | 207 | 345 | Peak | VERTICAL | 2 | 5230.00 99.82 | ----- | 85.35 | 35.01 | 12.15 | 32.69 | 207 | 345 | Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.60 58.47 | -15.53 | 74.00 | 44.24 | 34.93 | 12.02 | 32.72 | 207 | 345 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5230.00 167.73 | ----- | 82.16 | 35.01 | 12.15 | 32.69 | 207 | 345 | Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5230.00 99.82 | ----- | 85.35 | 35.01 | 12.15 | 32.69 | 207 | 345 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site Condition : 030900-KS : SG BAND 1---3 (AVG) On 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.98 47.48</td> <td>-6.52</td> <td>54.00</td> <td>33.25</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>207</td> <td>345</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | 1 | 5149.98 47.48 | -6.52 | 54.00 | 33.25 | 34.93 | 12.02 | 32.72 | 207 | 345 | Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level Factor | Loss Factor | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.98 47.48 | -6.52 | 54.00 | 33.25 | 34.93 | 12.02 | 32.72 | 207 | 345 | Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | |
|------|---|-------------|---------|-------|--------|-------|-------|-------|-------|-------|---------|----------|---------|----------|---|
| ANT | 802.11ac VHT40 CH46 5230MHz - R | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | |
| Peak | <p>Site : 032006-K3 Condition : SG BAND 1---3 @ 3117 SN 70957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5362.56</th> <th>55.28</th> <th>-18.72</th> <th>74.00</th> <th>40.47</th> <th>35.14</th> <th>12.31</th> <th>32.64</th> <th>207</th> <th>345</th> <th>Peak</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5362.56 | 55.28 | -18.72 | 74.00 | 40.47 | 35.14 | 12.31 | 32.64 | 207 | 345 | Peak | VERTICAL | - |
| 1 | 5362.56 | 55.28 | -18.72 | 74.00 | 40.47 | 35.14 | 12.31 | 32.64 | 207 | 345 | Peak | VERTICAL | | | |
| Avg. | <p>Site : 032006-K3 Condition : SG BAND 1---3 (AVG) @ 3117 SN 70957 VERTICAL RBW:1000.000kHz VBW:0.0100kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5351.58</th> <th>45.22</th> <th>-8.78</th> <th>54.00</th> <th>30.46</th> <th>35.12</th> <th>12.29</th> <th>32.65</th> <th>207</th> <th>345</th> <th>Average</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5351.58 | 45.22 | -8.78 | 54.00 | 30.46 | 35.12 | 12.29 | 32.65 | 207 | 345 | Average | VERTICAL | - |
| 1 | 5351.58 | 45.22 | -8.78 | 54.00 | 30.46 | 35.12 | 12.29 | 32.65 | 207 | 345 | Average | VERTICAL | | | |



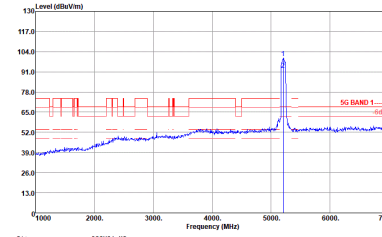
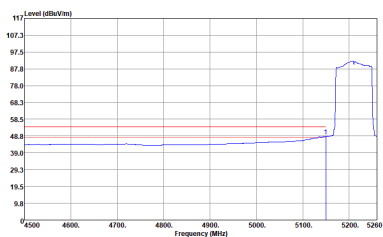
**Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|------|--------------|-------------|--|--|--|-----|--------|----|--------|----|----|----|-----|-------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|------|--------------|-------------|--|--|--|-----|--------|----|--------|----|----|----|-----|-----|---------|--------|--|-------|-------|-------|-------|-----|-----|------|------------|---|---------|-------|--|-------|-------|-------|-------|-----|-----|---------|------------|
| ANT | 802.11ac VHT80 CH42 5210MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 032006-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5140.16</td> <td>70.20</td> <td>-3.80</td> <td>74.00</td> <td>55.63</td> <td>35.28</td> <td>12.02</td> <td>32.73</td> <td>102</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 5140.16 | 70.20 | -3.80 | 74.00 | 55.63 | 35.28 | 12.02 | 32.73 | 102 | 330 | Peak | HORIZONTAL |  <p>Site : 032006-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 *</td> <td>5206.00</td> <td>104.54</td> <td></td> <td>89.81</td> <td>35.32</td> <td>12.11</td> <td>32.70</td> <td>102</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5206.00</td> <td>76.90</td> <td></td> <td>82.17</td> <td>35.32</td> <td>12.11</td> <td>32.70</td> <td>102</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 * | 5206.00 | 104.54 | | 89.81 | 35.32 | 12.11 | 32.70 | 102 | 330 | Peak | HORIZONTAL | 2 | 5206.00 | 76.90 | | 82.17 | 35.32 | 12.11 | 32.70 | 102 | 330 | Average | HORIZONTAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5140.16 | 70.20 | -3.80 | 74.00 | 55.63 | 35.28 | 12.02 | 32.73 | 102 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 * | 5206.00 | 104.54 | | 89.81 | 35.32 | 12.11 | 32.70 | 102 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5206.00 | 76.90 | | 82.17 | 35.32 | 12.11 | 32.70 | 102 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 032006-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz YBR:0.0100kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5149.92</td> <td>53.24</td> <td>-0.76</td> <td>54.00</td> <td>38.65</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>102</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level Factor | Loss Factor | | | | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 5149.92 | 53.24 | -0.76 | 54.00 | 38.65 | 35.29 | 12.02 | 32.72 | 102 | 330 | Average | HORIZONTAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level Factor | Loss Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5149.92 | 53.24 | -0.76 | 54.00 | 38.65 | 35.29 | 12.02 | 32.72 | 102 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|-------------|--------------|-------------|--------------|--------|----------|--------|----------|---------|------------|-------|-------|--------|------|--------|--|-----|--------|----|--------|----|----|----|----|-----------|-------|--------|-------|-------|-------|-------|-------|-----|-----|---------|------------|---|
| ANT | 802.11ac VHT80 CH42 5210MHz - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-KS Condition : SG BAND 1---3 Ch 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1 5383.99</td> <td>54.78</td> <td>-19.22</td> <td>74.00</td> <td>29.64</td> <td>35.44</td> <td>12.33</td> <td>32.63</td> <td>102</td> <td>330</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | 1 5383.99 | 54.78 | -19.22 | 74.00 | 29.64 | 35.44 | 12.33 | 32.63 | 102 | 330 | Peak | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5383.99 | 54.78 | -19.22 | 74.00 | 29.64 | 35.44 | 12.33 | 32.63 | 102 | 330 | Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | <p>Site : 030906-KS Condition : SG BAND 1---3 (AVG) Ch 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1 5350.32</td> <td>44.75</td> <td>-9.25</td> <td>54.00</td> <td>29.69</td> <td>35.42</td> <td>12.29</td> <td>32.65</td> <td>102</td> <td>330</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Level | Factor | Loss | Factor | | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | 1 5350.32 | 44.75 | -9.25 | 54.00 | 29.69 | 35.42 | 12.29 | 32.65 | 102 | 330 | Average | HORIZONTAL | - |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5350.32 | 44.75 | -9.25 | 54.00 | 29.69 | 35.42 | 12.29 | 32.65 | 102 | 330 | Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|-------------|--------------|-------------|--------------|--------|----------|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-----|--------|----|--------|----|----|----|-----|-----------|-------|--------|-------|-------|-------|-------|-------|-----|-------------|----------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|-------|-------|-------|-------|-----|--------|----|--------|----|----|----|-----|-------------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|-------|-------|-------|-------|-------|-------|-----|-------------|----------|
| ANT | 802.11ac VHT80 CH42 5210MHz - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site : 020804-K5 Condition : SG BAND 1-----3 3m 3117 SN 75957 VERTICAL FSW:1000.000MHz YSW:3000.000MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5144.32</td> <td>62.75</td> <td>-11.25</td> <td>74.00</td> <td>48.52</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>297</td> <td>350 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 5144.32 | 62.75 | -11.25 | 74.00 | 48.52 | 34.93 | 12.02 | 32.72 | 297 | 350 Peak | VERTICAL |  <p>Site : 020804-K5 Condition : SG BAND 1-----3 3m 3117 SN 75957 VERTICAL FSW:1000.000MHz YSW:3000.000MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 * 5206.00</td> <td>99.97</td> <td>-----</td> <td>85.58</td> <td>34.98</td> <td>12.11</td> <td>32.70</td> <td>297</td> <td>350 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2 5206.00</td> <td>92.27</td> <td>-----</td> <td>77.98</td> <td>34.98</td> <td>12.11</td> <td>32.70</td> <td>297</td> <td>350 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 * 5206.00 | 99.97 | ----- | 85.58 | 34.98 | 12.11 | 32.70 | 297 | 350 Peak | VERTICAL | 2 5206.00 | 92.27 | ----- | 77.98 | 34.98 | 12.11 | 32.70 | 297 | 350 Average | VERTICAL |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5144.32 | 62.75 | -11.25 | 74.00 | 48.52 | 34.93 | 12.02 | 32.72 | 297 | 350 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 * 5206.00 | 99.97 | ----- | 85.58 | 34.98 | 12.11 | 32.70 | 297 | 350 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 5206.00 | 92.27 | ----- | 77.98 | 34.98 | 12.11 | 32.70 | 297 | 350 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. |  <p>Site : 020804-K5 Condition : SG BAND 1-----3 (AVG) 3m 3117 SN 75957 VERTICAL FSW:1000.000MHz YSW:0.010MHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 5149.98</td> <td>48.57</td> <td>-5.43</td> <td>54.00</td> <td>34.34</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>297</td> <td>350 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Level | Level | Level | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | 1 5149.98 | 48.57 | -5.43 | 54.00 | 34.34 | 34.93 | 12.02 | 32.72 | 297 | 350 Average | VERTICAL | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Level | Level | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 5149.98 | 48.57 | -5.43 | 54.00 | 34.34 | 34.93 | 12.02 | 32.72 | 297 | 350 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Band Edge @ 3m | | | | | | | | | | | | | | |
|------|--|-------------|---------|-------|--------|-------|-------|-------|-------|-------|---------|----------|---------|----------|---|
| ANT | 802.11ac VHT80 CH42 5210MHz - R | | | | | | | | | | | | | | |
| 1+2 | Vertical | Fundamental | | | | | | | | | | | | | |
| Peak | <p>Site : 030905-KS Condition : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5366.70</th> <th>54.83</th> <th>-19.17</th> <th>74.00</th> <th>40.02</th> <th>35.14</th> <th>12.31</th> <th>32.64</th> <th>297</th> <th>350</th> <th>Peak</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5366.70 | 54.83 | -19.17 | 74.00 | 40.02 | 35.14 | 12.31 | 32.64 | 297 | 350 | Peak | VERTICAL | - |
| 1 | 5366.70 | 54.83 | -19.17 | 74.00 | 40.02 | 35.14 | 12.31 | 32.64 | 297 | 350 | Peak | VERTICAL | | | |
| Avg. | <p>Site : 030905-KS Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.0100kHz SRT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>5358.60</th> <th>44.17</th> <th>-9.83</th> <th>54.00</th> <th>29.40</th> <th>35.12</th> <th>12.29</th> <th>32.64</th> <th>297</th> <th>350</th> <th>Average</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 5358.60 | 44.17 | -9.83 | 54.00 | 29.40 | 35.12 | 12.29 | 32.64 | 297 | 350 | Average | VERTICAL | - |
| 1 | 5358.60 | 44.17 | -9.83 | 54.00 | 29.40 | 35.12 | 12.29 | 32.64 | 297 | 350 | Average | VERTICAL | | | |



Band UNII 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|-----------------|--------|-------------|-------|-------------|-------|--------|--------|-------------------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|-------------------|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|-------------------|
| ANT | 802.11a CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 025950-KS Condition : SG BAND 1 --- 3.3m 3117.0M 7050V HORIZONTAL RES:1000.000MHz; YER:3000.000MHz; SRT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10358.36</td> <td>44.73</td> <td>-23.57</td> <td>68.30</td> <td>50.73</td> <td>38.99</td> <td>18.02</td> <td>62.61</td> <td>300</td> <td>0 Peak HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | 1 | 10358.36 | 44.73 | -23.57 | 68.30 | 50.73 | 38.99 | 18.02 | 62.61 | 300 | 0 Peak HORIZONTAL | <p>Site : 025950-KS Condition : SG BAND 1 --- 3.3m 3117.0M 7050V VERTICAL RES:1000.000MHz; YER:3000.000MHz; SRT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10358.36</td> <td>46.60</td> <td>-21.70</td> <td>68.30</td> <td>53.43</td> <td>37.76</td> <td>18.02</td> <td>62.61</td> <td>100</td> <td>360 Peak VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | 1 | 10358.36 | 46.60 | -21.70 | 68.30 | 53.43 | 37.76 | 18.02 | 62.61 | 100 | 360 Peak VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10358.36 | 44.73 | -23.57 | 68.30 | 50.73 | 38.99 | 18.02 | 62.61 | 300 | 0 Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10358.36 | 46.60 | -21.70 | 68.30 | 53.43 | 37.76 | 18.02 | 62.61 | 100 | 360 Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|-------------|-------------|-------------|--------|--------|--------|----------|----------|----------|------------|-------|-------|------|-------|--------|------|--------|----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|------|-------|--------|------|--------|----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11a CH44 5220MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg. | <p>Site : 030800-KS Condition : 5G BAND 1-3 In 3117 OM 75957 HORIZONTAL RBW:1000,000kHz; VBR:3000,000kHz; SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10440.00</td> <td>47.66</td> <td>-20.64</td> <td>68.30</td> <td>53.60</td> <td>38.63</td> <td>18.09</td> <td>62.66</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | 1 | 10440.00 | 47.66 | -20.64 | 68.30 | 53.60 | 38.63 | 18.09 | 62.66 | 300 | 0 Peak | HORIZONTAL | <p>Site : 030800-KS Condition : 5G BAND 1-3 In 3117 OM 75957 VERTICAL RBW:1000,000kHz; VBR:3000,000kHz; SRT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10440.00</td> <td>45.77</td> <td>-22.53</td> <td>68.30</td> <td>52.52</td> <td>37.82</td> <td>18.09</td> <td>62.66</td> <td>100</td> <td>300 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | 1 | 10440.00 | 45.77 | -22.53 | 68.30 | 52.52 | 37.82 | 18.09 | 62.66 | 100 | 300 Peak | VERTICAL |
| | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10440.00 | 47.66 | -20.64 | 68.30 | 53.60 | 38.63 | 18.09 | 62.66 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10440.00 | 45.77 | -22.53 | 68.30 | 52.52 | 37.82 | 18.09 | 62.66 | 100 | 300 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|-------------|-------|-------------|--------|--------|--------|----------|----------|------------|------|-------|-------|------|-------|--------|------|--------|----|------------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|------|-------|--------|------|--------|----|------------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11a CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 0M 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>47.14</td> <td>-20.90</td> <td>68.30</td> <td>52.24</td> <td>38.65</td> <td>18.14</td> <td>62.69</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | 1 10478.47 | 47.14 | -20.90 | 68.30 | 52.24 | 38.65 | 18.14 | 62.69 | 300 | 0 Peak | HORIZONTAL | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 0M 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>45.92</td> <td>-22.38</td> <td>68.30</td> <td>52.61</td> <td>37.86</td> <td>18.14</td> <td>62.69</td> <td>100</td> <td>300 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | 1 10478.47 | 45.92 | -22.38 | 68.30 | 52.61 | 37.86 | 18.14 | 62.69 | 100 | 300 Peak | VERTICAL |
| Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 47.14 | -20.90 | 68.30 | 52.24 | 38.65 | 18.14 | 62.69 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level | Factor | Loss | Factor | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 45.92 | -22.38 | 68.30 | 52.61 | 37.86 | 18.14 | 62.69 | 100 | 300 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



**Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

| | | |
|----------------------|---|-----------------|
| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11n HT20 CH36 5180MHz | |
| 1+2 | Horizontal | Vertical |
| Peak Avg. | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|----------|--------|-------------|-------|-------------|-------|--------|--------|-------------------|--------|----------|-----|--------|----|--------|-------|----|----|----|-----|--|--|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|-------------------|---|------|-------|-------|------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|-------|----|----|----|-----|--|--|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|-------------------|
| ANT | 802.11n HT20 CH44 5220MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> <p>Avg.</p> | <p>Site : 032600-KS Condition : SG BAND 1---3 In 3117.0M 70501 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10438.44</td> <td>46.50</td> <td>-21.80</td> <td>68.30</td> <td>52.44</td> <td>38.63</td> <td>18.09</td> <td>62.66</td> <td>300</td> <td>0 Peak HORIZONTAL</td> </tr> </tbody> </table> | Over | Level | Limit | Line | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | dB | deg | | | 1 | 10438.44 | 46.50 | -21.80 | 68.30 | 52.44 | 38.63 | 18.09 | 62.66 | 300 | 0 Peak HORIZONTAL | <p>Site : 032600-KS Condition : SG BAND 1---3 In 3117.0M 70501 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10438.44</td> <td>45.76</td> <td>-22.54</td> <td>68.30</td> <td>52.51</td> <td>37.82</td> <td>18.09</td> <td>62.66</td> <td>100</td> <td>300 Peak VERTICAL</td> </tr> </tbody> </table> | Over | Level | Limit | Line | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | dB | deg | | | 1 | 10438.44 | 45.76 | -22.54 | 68.30 | 52.51 | 37.82 | 18.09 | 62.66 | 100 | 300 Peak VERTICAL |
| Over | Level | Limit | Line | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10438.44 | 46.50 | -21.80 | 68.30 | 52.44 | 38.63 | 18.09 | 62.66 | 300 | 0 Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Level | Limit | Line | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/dB | dB | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10438.44 | 45.76 | -22.54 | 68.30 | 52.51 | 37.82 | 18.09 | 62.66 | 100 | 300 Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|-------------|-------|--------------|-------------|--------|--------|-----------------------|--------|----------|------|-------|-------|------|--------------|-------------|----|-----|--|------------|-------|--------|-------|-------|-------|-------|-------|-----------------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|----|-----|--|------------|-------|--------|-------|-------|-------|-------|-------|-----------------------|
| ANT | 802.11n HT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> <p>Avg.</p> | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 0M 7000 HORIZONTAL RBW:1000,000kHz VBW:3000,000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>46.02</td> <td>-22.28</td> <td>68.30</td> <td>51.92</td> <td>38.65</td> <td>18.14</td> <td>62.69</td> <td>300 0 Peak HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor | dB | deg | | 1 10478.47 | 46.02 | -22.28 | 68.30 | 51.92 | 38.65 | 18.14 | 62.69 | 300 0 Peak HORIZONTAL | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 0M 7000 VERTICAL RBW:1000,000kHz VBW:3000,000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>dB</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>47.74</td> <td>-20.56</td> <td>68.30</td> <td>54.43</td> <td>37.86</td> <td>18.14</td> <td>62.69</td> <td>100 300 Peak VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor | dB | deg | | 1 10478.47 | 47.74 | -20.56 | 68.30 | 54.43 | 37.86 | 18.14 | 62.69 | 100 300 Peak VERTICAL |
| Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level Factor | Loss Factor | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 46.02 | -22.28 | 68.30 | 51.92 | 38.65 | 18.14 | 62.69 | 300 0 Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Limit | Line | Level Factor | Loss Factor | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 47.74 | -20.56 | 68.30 | 54.43 | 37.86 | 18.14 | 62.69 | 100 300 Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



**Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

| | | |
|------------------|---|-----------------|
| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11n HT40 CH38 5190MHz | |
| 1+2 | Horizontal | Vertical |
| Peak Avg. | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|-------------|-------------|-------------|--------|--------|--------|----------|----------|----------|------------|-------|-------|-------|-------|------|------|-----|-----|-----|--------|----|--------|--------|----|----|----|-----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|-------|------|------|-----|-----|-----|--------|----|--------|--------|----|----|----|-----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11n HT40 CH46 5230MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg. | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 OM 7000 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>dBm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm/Vm</th> <th>dB</th> <th>dBm/Vm</th> <th>dBm/Vm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10460.00</td> <td>42.60</td> <td>-25.70</td> <td>68.30</td> <td>48.51</td> <td>38.65</td> <td>18.11</td> <td>62.67</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Loss | dBm | deg | MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | dB | cm | deg | 1 | 10460.00 | 42.60 | -25.70 | 68.30 | 48.51 | 38.65 | 18.11 | 62.67 | 300 | 0 Peak | HORIZONTAL | <p>Site : 030800-KS Condition : SG BAND 1---3 3m 3117 OM 7000 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>HeadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Poa</th> <th>T/Poa</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>dBm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm/Vm</th> <th>dB</th> <th>dBm/Vm</th> <th>dBm/Vm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10460.00</td> <td>43.90</td> <td>-24.50</td> <td>68.30</td> <td>50.53</td> <td>37.83</td> <td>18.11</td> <td>62.67</td> <td>100</td> <td>300 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | Freq | Level | Level | Level | Level | Loss | Loss | dBm | deg | MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | dB | cm | deg | 1 | 10460.00 | 43.90 | -24.50 | 68.30 | 50.53 | 37.83 | 18.11 | 62.67 | 100 | 300 Peak | VERTICAL |
| | Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Loss | dBm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10460.00 | 42.60 | -25.70 | 68.30 | 48.51 | 38.65 | 18.11 | 62.67 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | HeadAntenna | Cable | Preamp | A/Poa | T/Poa | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Level | Loss | Loss | dBm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10460.00 | 43.90 | -24.50 | 68.30 | 50.53 | 37.83 | 18.11 | 62.67 | 100 | 300 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



WIFI 802.11ac VHT20 (Harmonic @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|----------|----------|-------|--------|-------|-------|-------|-------|----------|------------|--------|------------|--|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11ac VHT20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 020906-RS Condition : SG_BAND 1-----3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>10358.36</th> <th>48.92</th> <th>-19.38</th> <th>68.30</th> <th>52.88</th> <th>38.59</th> <th>18.02</th> <th>60.57</th> <th>300</th> <th>0 Peak</th> <th>HORIZONTAL</th> </tr> </thead> </table> | 1 | 10358.36 | 48.92 | -19.38 | 68.30 | 52.88 | 38.59 | 18.02 | 60.57 | 300 | 0 Peak | HORIZONTAL | <p>Site : 020906-RS Condition : SG_BAND 1-----3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>1</th> <th>10358.36</th> <th>48.26</th> <th>-20.04</th> <th>68.30</th> <th>53.05</th> <th>37.76</th> <th>18.02</th> <th>60.57</th> <th>100</th> <th>300 Peak</th> <th>VERTICAL</th> </tr> </thead> </table> | 1 | 10358.36 | 48.26 | -20.04 | 68.30 | 53.05 | 37.76 | 18.02 | 60.57 | 100 | 300 Peak | VERTICAL |
| 1 | 10358.36 | 48.92 | -19.38 | 68.30 | 52.88 | 38.59 | 18.02 | 60.57 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | |
| 1 | 10358.36 | 48.26 | -20.04 | 68.30 | 53.05 | 37.76 | 18.02 | 60.57 | 100 | 300 Peak | VERTICAL | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|-------------|-------------|-------------|--------|--------|--------|----------|----------|----------|------------|-------|------|-------|--------|------|--------|----|-----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|------|-------|--------|------|--------|----|-----|---|----------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11ac VHT20 CH44 5220MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg. | <p>Site : 030900-KS Condition : 5G BAND 1-3 @ 3m 5117.0M 7000J HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10438.44</td> <td>53.15</td> <td>-15.15</td> <td>68.30</td> <td>57.00</td> <td>38.63</td> <td>18.09</td> <td>60.57</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | 1 | 10438.44 | 53.15 | -15.15 | 68.30 | 57.00 | 38.63 | 18.09 | 60.57 | 300 | 0 Peak | HORIZONTAL | <p>Site : 030900-KS Condition : 5G BAND 1-3 @ 3m 5117.0M 7000J VERTICAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>cn</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10438.44</td> <td>49.03</td> <td>-19.27</td> <td>68.30</td> <td>53.09</td> <td>37.82</td> <td>18.09</td> <td>60.57</td> <td>100</td> <td>360 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | 1 | 10438.44 | 49.03 | -19.27 | 68.30 | 53.09 | 37.82 | 18.09 | 60.57 | 100 | 360 Peak | VERTICAL |
| | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10438.44 | 53.15 | -15.15 | 68.30 | 57.00 | 38.63 | 18.09 | 60.57 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | cn | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10438.44 | 49.03 | -19.27 | 68.30 | 53.09 | 37.82 | 18.09 | 60.57 | 100 | 360 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|----------|--------|-------------|-------------|-------------|--------|--------|----------|------------|----------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|---|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11ac VHT20 CH48 5240MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg. | <p>Site : 030900-KS Condition : 5G BAND 1-3 @ 2117.0M 70967 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>49.64</td> <td>-18.60</td> <td>68.20</td> <td>53.43</td> <td>38.45</td> <td>18.14</td> <td>60.58</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 10478.47 | 49.64 | -18.60 | 68.20 | 53.43 | 38.45 | 18.14 | 60.58 | 300 | 0 Peak | HORIZONTAL | <p>Site : 030900-KS Condition : 5G BAND 1-3 @ 2117.0M 70967 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10478.47</td> <td>48.78</td> <td>-19.52</td> <td>68.30</td> <td>53.30</td> <td>37.86</td> <td>18.14</td> <td>60.58</td> <td>100</td> <td>300 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 10478.47 | 48.78 | -19.52 | 68.30 | 53.30 | 37.86 | 18.14 | 60.58 | 100 | 300 Peak | VERTICAL |
| | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 49.64 | -18.60 | 68.20 | 53.43 | 38.45 | 18.14 | 60.58 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10478.47 | 48.78 | -19.52 | 68.30 | 53.30 | 37.86 | 18.14 | 60.58 | 100 | 300 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



**Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|-----------------|--------|-------------|-------|-------------|-------|--------|----------|------------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11ac VHT40 CH38 5190MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg. | <p>Site : 020806-RS Condition : 5G BAND 1-----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10378.38</td> <td>44.83</td> <td>-23.47</td> <td>68.30</td> <td>48.75</td> <td>38.60</td> <td>18.05</td> <td>60.57</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 10378.38 | 44.83 | -23.47 | 68.30 | 48.75 | 38.60 | 18.05 | 60.57 | 300 | 0 Peak | HORIZONTAL | <p>Site : 020806-RS Condition : 5G BAND 1-----3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10378.38</td> <td>43.93</td> <td>-24.37</td> <td>68.30</td> <td>48.67</td> <td>37.78</td> <td>18.05</td> <td>60.57</td> <td>100</td> <td>360 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 10378.38 | 43.93 | -24.37 | 68.30 | 48.67 | 37.78 | 18.05 | 60.57 | 100 | 360 Peak | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10378.38 | 44.83 | -23.47 | 68.30 | 48.75 | 38.60 | 18.05 | 60.57 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10378.38 | 43.93 | -24.37 | 68.30 | 48.67 | 37.78 | 18.05 | 60.57 | 100 | 360 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------------|------------|-------------|--------|--------|--------|----------|-------------------|----------|------|-------|-------|-------|------|--------|--------|----|-----|-----|------------|----|------------|----|----|----|--|--|------------|--------|--------|-------|-------|-------|-------|-------|-----|-------------------|---|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|-------|------|--------|--------|----|-----|-----|------------|----|------------|----|----|----|--|--|------------|--------|--------|-------|-------|-------|-------|-------|-----|-------------------|
| ANT | 802.11ac VHT40 CH46 5230MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 030906-KS Condition : SG BAND 1---3 3m 3117 SW 7095J HORIZONTAL RBW:1000,000kHz VBW:3000,000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm/100MHz</th> <th>dB</th> <th>dBm/100MHz</th> <th>dB</th> <th>dB</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10458.46</td> <td>-46.62</td> <td>-21.68</td> <td>68.30</td> <td>50.45</td> <td>38.04</td> <td>18.11</td> <td>60.58</td> <td>300</td> <td>0 Peak HORIZONTAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | cm | deg | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | | | 1 10458.46 | -46.62 | -21.68 | 68.30 | 50.45 | 38.04 | 18.11 | 60.58 | 300 | 0 Peak HORIZONTAL | <p>Site : 030906-KS Condition : SG BAND 1---3 3m 3117 SW 7095J VERTICAL RBW:1000,000kHz VBW:3000,000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBm/100MHz</th> <th>dB</th> <th>dBm/100MHz</th> <th>dB</th> <th>dB</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10458.46</td> <td>-45.56</td> <td>-22.74</td> <td>68.30</td> <td>50.30</td> <td>37.83</td> <td>18.11</td> <td>60.58</td> <td>100</td> <td>360 Peak VERTICAL</td> </tr> </tbody> </table> | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | Freq | Level | Level | Level | Loss | Factor | Factor | cm | deg | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | | | 1 10458.46 | -45.56 | -22.74 | 68.30 | 50.30 | 37.83 | 18.11 | 60.58 | 100 | 360 Peak VERTICAL |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10458.46 | -46.62 | -21.68 | 68.30 | 50.45 | 38.04 | 18.11 | 60.58 | 300 | 0 Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Level | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10458.46 | -45.56 | -22.74 | 68.30 | 50.30 | 37.83 | 18.11 | 60.58 | 100 | 360 Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI | Band UNII 1 5150~5250MHz Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-----------------|-------|-------------|-------|-------------|-------|--------|----------|------------|--------|----------|-----|-------|----|-------|------|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|---|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|-------|----|-------|------|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | 802.11ac VHT80 CH42 5210MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site : 032006-03 Condition : 5G BAND 1-----3 3m 3117 SN 79957 HORIZONTAL Site: 1500 000000- VHF 3000 000000 ZPT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10420.00</td> <td>42.67</td> <td>-25.63</td> <td>68.30</td> <td>48.62</td> <td>38.62</td> <td>18.08</td> <td>62.65</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBV/m | dB | dBV/m | dB/m | dB | dB | cm | deg | | | 1 10420.00 | 42.67 | -25.63 | 68.30 | 48.62 | 38.62 | 18.08 | 62.65 | 300 | 0 Peak | HORIZONTAL | <p>Site : 032006-03 Condition : 5G BAND 1-----3 3m 3117 SN 79957 VERTICAL Site: 1500 000000- VHF 3000 000000 ZPT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10420.00</td> <td>41.87</td> <td>-26.43</td> <td>68.30</td> <td>48.63</td> <td>37.81</td> <td>18.08</td> <td>62.65</td> <td>100</td> <td>360 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBV/m | dB | dBV/m | dB/m | dB | dB | cm | deg | | | 1 10420.00 | 41.87 | -26.43 | 68.30 | 48.63 | 37.81 | 18.08 | 62.65 | 100 | 360 Peak | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10420.00 | 42.67 | -25.63 | 68.30 | 48.62 | 38.62 | 18.08 | 62.65 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBV/m | dB | dBV/m | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10420.00 | 41.87 | -26.43 | 68.30 | 48.63 | 37.81 | 18.08 | 62.65 | 100 | 360 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

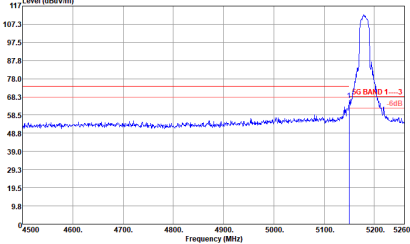
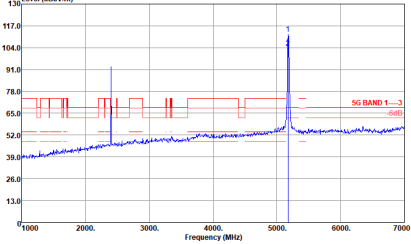
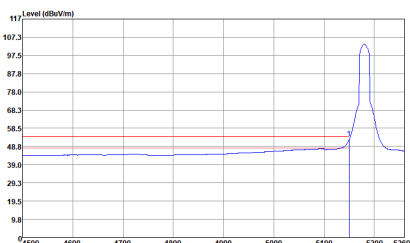


Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

| WIFI | 5GHz WIFI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|------------|------------|-------------|------------|-------------|-------|--------|--------|--------------------|--------|----------|--|-----|------------|------------|------------|------------|------------|----|-----|--|--|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|--------------------|--|------|------|-------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|------------|------------|------------|------------|------------|----|-----|--|--|---|-------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------------------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|---------------|
| ANT | 802.11n HT20 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1+2 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QP / Peak | <p>Site : 03000-KS Condition : 24 BAND 1-3 34 08L0110 0823188 HORIZONTAL RBW:100.000KHz VBW:300.000KHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>110.51</td> <td>24.45</td> <td>-19.05</td> <td>43.50</td> <td>38.57</td> <td>17.05</td> <td>1.73</td> <td>32.88</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>2</td> <td>144.46</td> <td>24.10</td> <td>-19.40</td> <td>43.50</td> <td>38.40</td> <td>16.98</td> <td>1.79</td> <td>32.91</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>3</td> <td>228.85</td> <td>25.24</td> <td>-18.26</td> <td>44.00</td> <td>38.67</td> <td>17.23</td> <td>2.44</td> <td>33.10</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>4</td> <td>309.80</td> <td>28.63</td> <td>-14.87</td> <td>46.00</td> <td>37.86</td> <td>20.77</td> <td>3.08</td> <td>32.89</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>5</td> <td>562.53</td> <td>27.62</td> <td>-15.88</td> <td>46.00</td> <td>31.28</td> <td>25.05</td> <td>3.80</td> <td>32.57</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>6</td> <td>794.36</td> <td>29.55</td> <td>-13.95</td> <td>46.00</td> <td>30.92</td> <td>26.08</td> <td>4.26</td> <td>32.52</td> <td>108</td> <td>3P Peak HORIZONTAL</td> </tr> </tbody> </table> | Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | cm | deg | | | 1 | 110.51 | 24.45 | -19.05 | 43.50 | 38.57 | 17.05 | 1.73 | 32.88 | --- | Peak HORIZONTAL | 2 | 144.46 | 24.10 | -19.40 | 43.50 | 38.40 | 16.98 | 1.79 | 32.91 | --- | Peak HORIZONTAL | 3 | 228.85 | 25.24 | -18.26 | 44.00 | 38.67 | 17.23 | 2.44 | 33.10 | --- | Peak HORIZONTAL | 4 | 309.80 | 28.63 | -14.87 | 46.00 | 37.86 | 20.77 | 3.08 | 32.89 | --- | Peak HORIZONTAL | 5 | 562.53 | 27.62 | -15.88 | 46.00 | 31.28 | 25.05 | 3.80 | 32.57 | --- | Peak HORIZONTAL | 6 | 794.36 | 29.55 | -13.95 | 46.00 | 30.92 | 26.08 | 4.26 | 32.52 | 108 | 3P Peak HORIZONTAL | <p>Site : 03000-KS Condition : 24 BAND 1-3 34 08L0110 0823188 VERTICAL RBW:100.000KHz VBW:300.000KHz SFT:Auto</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>dBm/100MHz</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>30.00</td> <td>29.48</td> <td>-10.52</td> <td>40.00</td> <td>36.10</td> <td>25.50</td> <td>0.58</td> <td>32.70</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>2</td> <td>130.21</td> <td>29.51</td> <td>-10.49</td> <td>43.50</td> <td>42.73</td> <td>17.88</td> <td>1.78</td> <td>32.86</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>3</td> <td>239.52</td> <td>25.69</td> <td>-14.31</td> <td>46.00</td> <td>37.55</td> <td>18.74</td> <td>2.50</td> <td>33.10</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>4</td> <td>359.80</td> <td>29.74</td> <td>-10.26</td> <td>46.00</td> <td>47.91</td> <td>21.45</td> <td>3.02</td> <td>32.88</td> <td>120</td> <td>3P Peak VERTICAL</td> </tr> <tr> <td>5</td> <td>599.57</td> <td>30.89</td> <td>-9.11</td> <td>46.00</td> <td>37.73</td> <td>22.70</td> <td>3.26</td> <td>32.80</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>6</td> <td>945.48</td> <td>30.74</td> <td>-9.26</td> <td>46.00</td> <td>30.19</td> <td>27.86</td> <td>5.01</td> <td>32.32</td> <td>---</td> <td>Peak VERTICAL</td> </tr> </tbody> </table> | Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | cm | deg | | | 1 | 30.00 | 29.48 | -10.52 | 40.00 | 36.10 | 25.50 | 0.58 | 32.70 | --- | Peak VERTICAL | 2 | 130.21 | 29.51 | -10.49 | 43.50 | 42.73 | 17.88 | 1.78 | 32.86 | --- | Peak VERTICAL | 3 | 239.52 | 25.69 | -14.31 | 46.00 | 37.55 | 18.74 | 2.50 | 33.10 | --- | Peak VERTICAL | 4 | 359.80 | 29.74 | -10.26 | 46.00 | 47.91 | 21.45 | 3.02 | 32.88 | 120 | 3P Peak VERTICAL | 5 | 599.57 | 30.89 | -9.11 | 46.00 | 37.73 | 22.70 | 3.26 | 32.80 | --- | Peak VERTICAL | 6 | 945.48 | 30.74 | -9.26 | 46.00 | 30.19 | 27.86 | 5.01 | 32.32 | --- | Peak VERTICAL |
| Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 110.51 | 24.45 | -19.05 | 43.50 | 38.57 | 17.05 | 1.73 | 32.88 | --- | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 144.46 | 24.10 | -19.40 | 43.50 | 38.40 | 16.98 | 1.79 | 32.91 | --- | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 228.85 | 25.24 | -18.26 | 44.00 | 38.67 | 17.23 | 2.44 | 33.10 | --- | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 309.80 | 28.63 | -14.87 | 46.00 | 37.86 | 20.77 | 3.08 | 32.89 | --- | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 562.53 | 27.62 | -15.88 | 46.00 | 31.28 | 25.05 | 3.80 | 32.57 | --- | Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 794.36 | 29.55 | -13.95 | 46.00 | 30.92 | 26.08 | 4.26 | 32.52 | 108 | 3P Peak HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | dBm/100MHz | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 30.00 | 29.48 | -10.52 | 40.00 | 36.10 | 25.50 | 0.58 | 32.70 | --- | Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 130.21 | 29.51 | -10.49 | 43.50 | 42.73 | 17.88 | 1.78 | 32.86 | --- | Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 239.52 | 25.69 | -14.31 | 46.00 | 37.55 | 18.74 | 2.50 | 33.10 | --- | Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 359.80 | 29.74 | -10.26 | 46.00 | 47.91 | 21.45 | 3.02 | 32.88 | 120 | 3P Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 599.57 | 30.89 | -9.11 | 46.00 | 37.73 | 22.70 | 3.26 | 32.80 | --- | Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 945.48 | 30.74 | -9.26 | 46.00 | 30.19 | 27.86 | 5.01 | 32.32 | --- | Peak VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Co-location:

| WIFI | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|-------------|--------|-------------|-------|-------------|-------|--------|-------------|-------------|------------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|---|---------|-------|-------|-------|-------|-------|-------|-------|-----|-------------|------------|---|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|---|-----------|--------|--|-------|-------|-------|-------|-----|----------|------------|---|---------|--------|--|-------|-------|-------|-------|-----|-------------|------------|
| 802.11n20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> |  <p>Site : 030806-KS Condition : 5G BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.92</td> <td>66.42</td> <td>-7.58</td> <td>74.00</td> <td>51.83</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>121</td> <td>330 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 5149.92 | 66.42 | -7.58 | 74.00 | 51.83 | 35.29 | 12.02 | 32.72 | 121 | 330 Peak | HORIZONTAL |  <p>Site : 030806-KS Condition : 5G BAND 1----3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>* 5176.00</td> <td>112.19</td> <td></td> <td>97.62</td> <td>35.30</td> <td>12.08</td> <td>32.71</td> <td>121</td> <td>330 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>5176.00</td> <td>103.86</td> <td></td> <td>89.19</td> <td>35.30</td> <td>12.08</td> <td>32.71</td> <td>121</td> <td>330 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | * 5176.00 | 112.19 | | 97.62 | 35.30 | 12.08 | 32.71 | 121 | 330 Peak | HORIZONTAL | 2 | 5176.00 | 103.86 | | 89.19 | 35.30 | 12.08 | 32.71 | 121 | 330 Average | HORIZONTAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5149.92 | 66.42 | -7.58 | 74.00 | 51.83 | 35.29 | 12.02 | 32.72 | 121 | 330 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | * 5176.00 | 112.19 | | 97.62 | 35.30 | 12.08 | 32.71 | 121 | 330 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5176.00 | 103.86 | | 89.19 | 35.30 | 12.08 | 32.71 | 121 | 330 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Avg.</p> |  <p>Site : 030806-KS Condition : 5G BAND 1----3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>53.15</td> <td>-0.85</td> <td>54.00</td> <td>38.56</td> <td>35.29</td> <td>12.02</td> <td>32.72</td> <td>121</td> <td>330 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 5150.00 | 53.15 | -0.85 | 54.00 | 38.56 | 35.29 | 12.02 | 32.72 | 121 | 330 Average | HORIZONTAL | <p style="text-align: center;">-</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 53.15 | -0.85 | 54.00 | 38.56 | 35.29 | 12.02 | 32.72 | 121 | 330 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

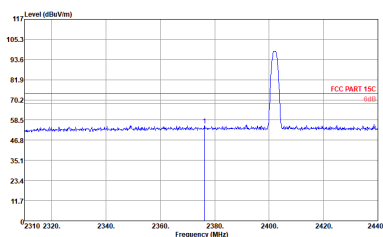
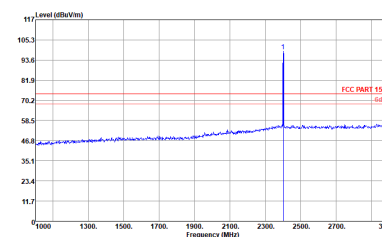
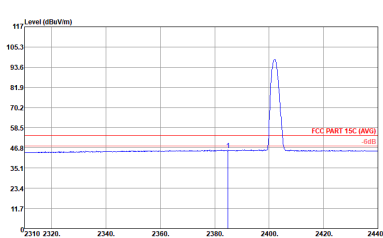
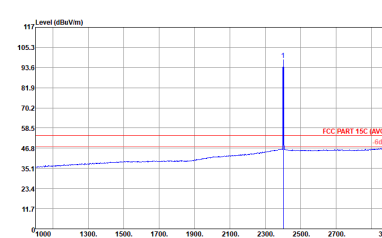


| WIFI | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|-------------|-------------|--------------|-------------|--------------|--------|----------|------------|------------|----------|--------|----|--------|--------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|------------|----------|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|--|---|---------|--------|--|-------|-------|-------|-------|-----|---------|----------|---|---------|--------|--|-------|-------|-------|-------|-----|------------|----------|
| ANT | 802.11n20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> | <p>Site : 030806-KS Condition : 5G BAND 1-3 @ 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5146.56</td> <td>62.54</td> <td>-11.46</td> <td>74.00</td> <td>48.31</td> <td>34.93</td> <td>12.02</td> <td>32.72</td> <td>109</td> <td>96 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | deg | | 1 | 5146.56 | 62.54 | -11.46 | 74.00 | 48.31 | 34.93 | 12.02 | 32.72 | 109 | 96 Peak | VERTICAL | <p>Site : 030806-KS Condition : 5G BAND 1-3 @ 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5176.00</td> <td>108.46</td> <td></td> <td>94.13</td> <td>34.96</td> <td>12.08</td> <td>32.71</td> <td>109</td> <td>96 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>5176.00</td> <td>100.81</td> <td></td> <td>86.48</td> <td>34.96</td> <td>12.08</td> <td>32.71</td> <td>109</td> <td>96 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | deg | | 1 | 5176.00 | 108.46 | | 94.13 | 34.96 | 12.08 | 32.71 | 109 | 96 Peak | VERTICAL | 2 | 5176.00 | 100.81 | | 86.48 | 34.96 | 12.08 | 32.71 | 109 | 96 Average | VERTICAL |
| Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5146.56 | 62.54 | -11.46 | 74.00 | 48.31 | 34.93 | 12.02 | 32.72 | 109 | 96 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5176.00 | 108.46 | | 94.13 | 34.96 | 12.08 | 32.71 | 109 | 96 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5176.00 | 100.81 | | 86.48 | 34.96 | 12.08 | 32.71 | 109 | 96 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 48.82 | -5.18 | 54.00 | 34.59 | 34.93 | 12.02 | 32.72 | 109 | 96 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

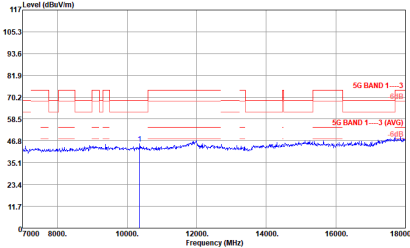
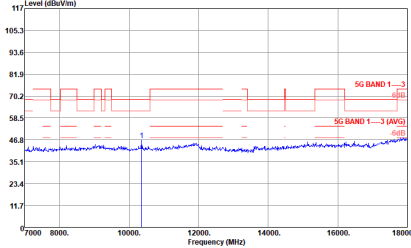


| BLE | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|-------------|------------|-------------|------------|-------------|-------|--------|-------------|-------------|--------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|--|---|------|-------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|---------|--------|--|-------|-------|------|-------|-----|-------------|------------|
| BLE CH00 2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2352.64 | 54.14 | -19.86 | 74.00 | 47.52 | 32.05 | 8.02 | 33.45 | 102 | 215 Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 103.48 | | 96.63 | 32.20 | 8.09 | 33.44 | 102 | 215 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2352.64 | 44.29 | -9.71 | 54.00 | 37.67 | 32.05 | 8.02 | 33.45 | 102 | 215 Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Freq | Level | Over Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 102.86 | | 96.01 | 32.20 | 8.09 | 33.44 | 102 | 215 Average | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| BLE | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|-------------|--------|-------------|-------|-------------|-------|--------|-------------|-------------|----------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|---|---------|-------|--|-------|-------|------|-------|-----|-------------|----------|
| BLE CH00 2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Site Condition : 030906-KS : FCC PART 15C 3m 3117 SN 79957 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz SFT Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2376.17</td> <td>55.46</td> <td>-18.54</td> <td>74.00</td> <td>47.56</td> <td>33.29</td> <td>8.06</td> <td>33.45</td> <td>128</td> <td>170 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 2376.17 | 55.46 | -18.54 | 74.00 | 47.56 | 33.29 | 8.06 | 33.45 | 128 | 170 Peak | VERTICAL |  <p>Site Condition : 030906-KS : FCC PART 15C 3m 3117 SN 79957 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz SFT Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>98.74</td> <td></td> <td>90.59</td> <td>33.50</td> <td>8.09</td> <td>33.44</td> <td>128</td> <td>170 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 2402.00 | 98.74 | | 90.59 | 33.50 | 8.09 | 33.44 | 128 | 170 Peak | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2376.17 | 55.46 | -18.54 | 74.00 | 47.56 | 33.29 | 8.06 | 33.45 | 128 | 170 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 98.74 | | 90.59 | 33.50 | 8.09 | 33.44 | 128 | 170 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Site Condition : 030906-KS : FCC PART 15C (AVG) 3m 3117 SN 79957 VERTICAL : RBW 1000.000kHz VBW 2.700kHz SFT Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2384.88</td> <td>45.62</td> <td>-8.38</td> <td>54.00</td> <td>37.72</td> <td>33.29</td> <td>8.06</td> <td>33.45</td> <td>128</td> <td>170 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 2384.88 | 45.62 | -8.38 | 54.00 | 37.72 | 33.29 | 8.06 | 33.45 | 128 | 170 Average | VERTICAL |  <p>Site Condition : 030906-KS : FCC PART 15C (AVG) 3m 3117 SN 79957 VERTICAL : RBW 1000.000kHz VBW 2.700kHz SFT Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>98.66</td> <td></td> <td>89.91</td> <td>33.50</td> <td>8.09</td> <td>33.44</td> <td>128</td> <td>170 Average</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 | 2402.00 | 98.66 | | 89.91 | 33.50 | 8.09 | 33.44 | 128 | 170 Average | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2384.88 | 45.62 | -8.38 | 54.00 | 37.72 | 33.29 | 8.06 | 33.45 | 128 | 170 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 98.66 | | 89.91 | 33.50 | 8.09 | 33.44 | 128 | 170 Average | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| WIFI | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|----------|--------|-------------|-------|-------------|-------|--------|----------|------------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|------------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| | 802.11n20 CH36 5180MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 030406-KS Condition : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBR:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10360.00</td> <td>45.20</td> <td>-23.10</td> <td>68.30</td> <td>51.20</td> <td>38.59</td> <td>18.03</td> <td>62.62</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | dB | cm | deg | | | 1 10360.00 | 45.20 | -23.10 | 68.30 | 51.20 | 38.59 | 18.03 | 62.62 | 300 | 0 Peak | HORIZONTAL |  <p>Site : 030406-KS Condition : SG BAND 1----3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBR:3000.000kHz SMT:Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 10360.00</td> <td>46.72</td> <td>-21.58</td> <td>68.30</td> <td>53.54</td> <td>37.77</td> <td>18.03</td> <td>62.62</td> <td>100</td> <td>360 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | dB | cm | deg | | | 1 10360.00 | 46.72 | -21.58 | 68.30 | 53.54 | 37.77 | 18.03 | 62.62 | 100 | 360 Peak | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10360.00 | 45.20 | -23.10 | 68.30 | 51.20 | 38.59 | 18.03 | 62.62 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 10360.00 | 46.72 | -21.58 | 68.30 | 53.54 | 37.77 | 18.03 | 62.62 | 100 | 360 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| BLE | WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Harmonic @ 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|----------|--------|-------------|-------|-------------|-------|--------|----------|------------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|-----------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|----|----|----|----|-----|--|--|-----------|-------|--------|-------|-------|-------|-------|-------|-----|----------|----------|
| ANT | BLE CH00 2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <p>Site Condition : 030906-KS : FCC PART 15C @ 3117.5M 100PCT HORIZONTAL : BW: 1000.000kHz VSW: 3000.000kHz SFT: Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 4804.00</td> <td>41.58</td> <td>-32.42</td> <td>74.00</td> <td>56.83</td> <td>34.96</td> <td>11.51</td> <td>61.72</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 4804.00 | 41.58 | -32.42 | 74.00 | 56.83 | 34.96 | 11.51 | 61.72 | 300 | 0 Peak | HORIZONTAL | <p>Site Condition : 030906-KS : FCC PART 15C @ 3117.5M 100PCT VERTICAL : BW: 1000.000kHz VSW: 3000.000kHz SFT: Auto</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1 4804.00</td> <td>40.70</td> <td>-33.30</td> <td>74.00</td> <td>56.07</td> <td>34.84</td> <td>11.51</td> <td>61.72</td> <td>300</td> <td>360 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | 1 4804.00 | 40.70 | -33.30 | 74.00 | 56.07 | 34.84 | 11.51 | 61.72 | 300 | 360 Peak | VERTICAL |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 4804.00 | 41.58 | -32.42 | 74.00 | 56.83 | 34.96 | 11.51 | 61.72 | 300 | 0 Peak | HORIZONTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Poi/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dB | dBuV/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 4804.00 | 40.70 | -33.30 | 74.00 | 56.07 | 34.84 | 11.51 | 61.72 | 300 | 360 Peak | VERTICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

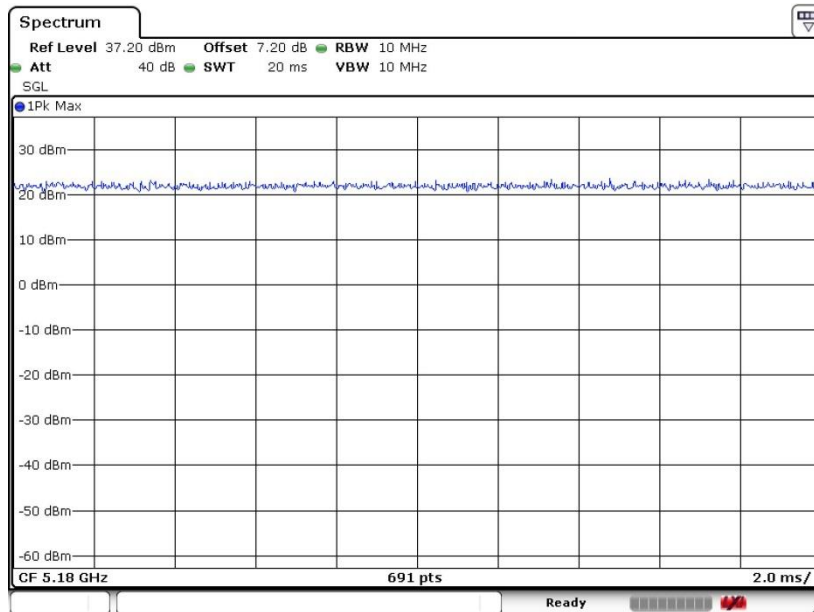
Note: For above testing, we have also tested from 18GHz to 40GHz and found no emissions.



Appendix E. Duty Cycle Plots

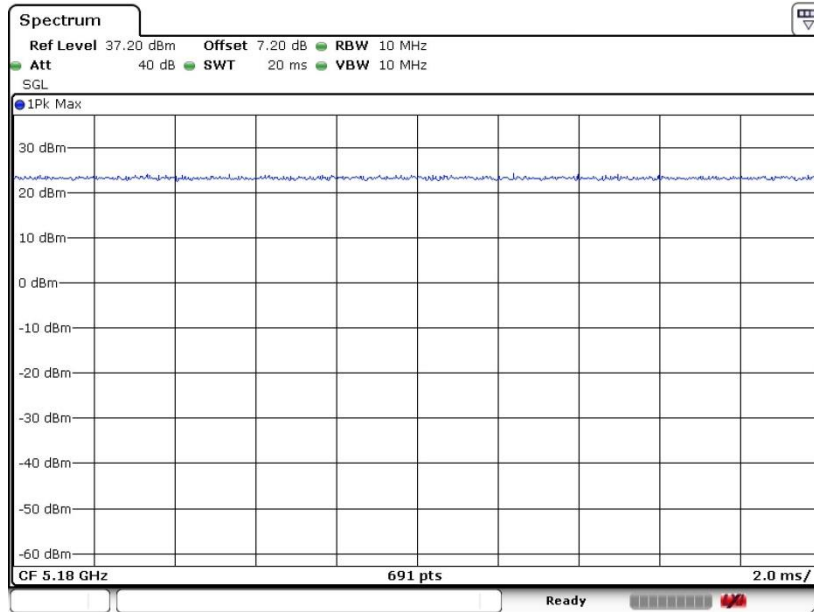
| Band | Duty Cycle(%) | Duty Factor(dB) | T(ms) | 1/T(kHz) | VBW Setting |
|------------------------|---------------|-----------------|-------|----------|-------------|
| 802.11a Ant 1+2 | 100 | 0 | - | - | 10Hz |
| 802.11n HT20 Ant 1+2 | 100 | 0 | - | - | 10Hz |
| 802.11n HT40 Ant 1+2 | 100 | 0 | - | - | 10Hz |
| 802.11ac VHT20 Ant 1+2 | 100 | 0 | - | - | 10Hz |
| 802.11ac VHT40 Ant 1+2 | 100 | 0 | - | - | 10Hz |
| 802.11ac VHT80 Ant 1+2 | 100 | 0 | - | - | 10Hz |
| Bluetooth LE 1Mbps | 60.65 | 0.37971 | 2.17 | 2.634 | 2.7KHz |

802.11a

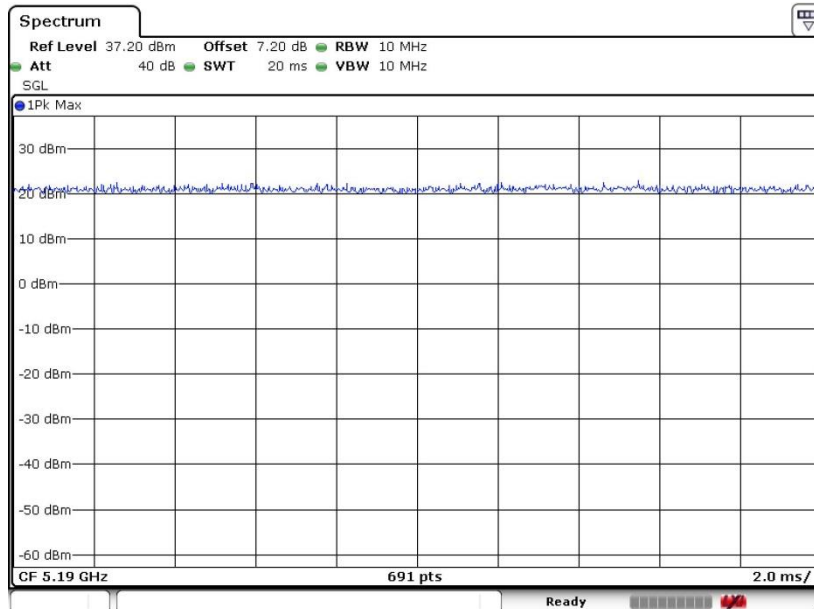




802.11n HT20

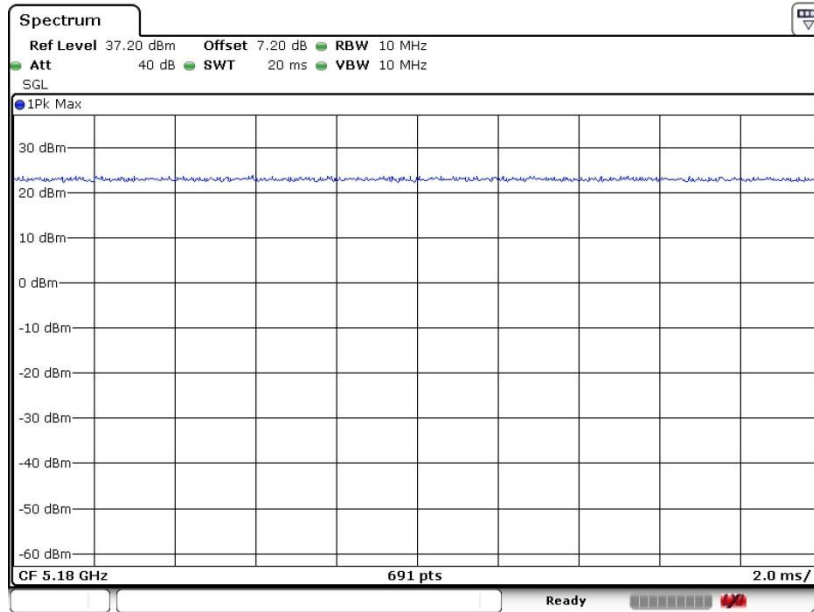


802.11n HT40

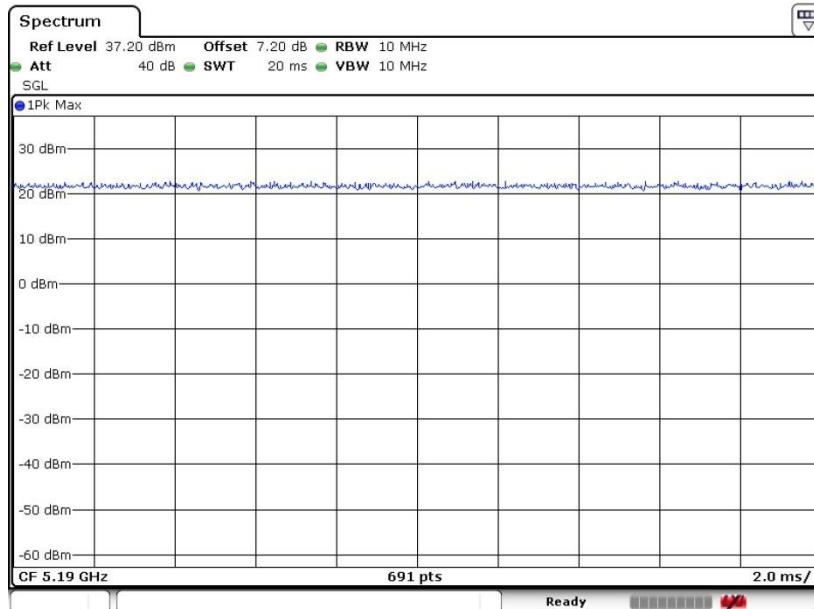




802.11ac VHT20

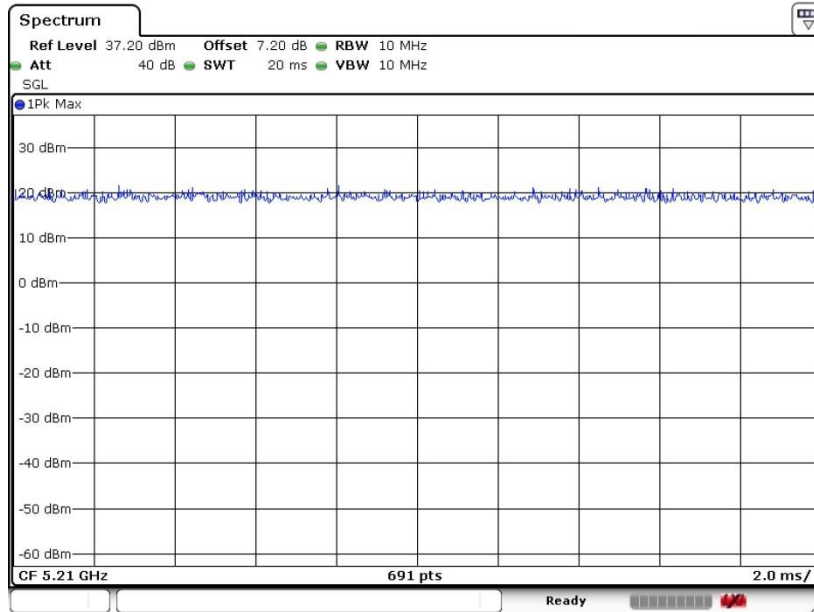


802.11ac VHT40





802.11ac VHT80



Bluetooth LE 1Mbps

