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Be sure to disable the Wireless LAN Radio and the Bluetooth Transmitter on the Tablet PC to minimize interference with the Yellowjacket® Receiver before you establish a connection.
Unpack and assemble your Yellowjacket®-TABLET unit as shown. Your Yellowjacket®-TABLET is a self-contained spectrum analyzer. The user interface (Samsung Q1 UMPC Tablet), antenna and power connections are all accessible, but there is usually no need to open the protective, yellow and black hard rubber casing. The tablet should not be disconnected and removed nor batteries changed by users. Removing such components will void your hardware warranty. Please consult the included Samsung Q1 documentation for complete operating instructions, troubleshooting and tips of tablet PC. When you open your yellow, hard, protective case you will see the Yellowjacket®-TABLET unit with receiver hidden below it, included antennas, SD software loader card, receiver power/charging adapter, ethernet cable and GPS antenna. The required USB communication cable is located in the documentation box. After screwing the bottom plate onto the monopole, the Yellowjacket®-TABLET unit simply rests on the surface to alleviate the weight for the user.
About Yellowjacket®-TABLET

All basic ports and functions on the Samsung Q1 Tablet portion of your Yellowjacket-TABLET Wi-Fi Analyzer are explained in your Samsung Q1 user’s manual included with your Yellowjacket unit. The Yellowjacket receiver contains all indicators and ports you need to communicate with the Q1 tablet. The receiver should not be removed from the tablet unless a BVS technical support expert has instructed you to do so. The ethernet 10/100 Mbit port is used to communicate with a PC. Be sure that the USB cable is securely connected between the Q1 tablet and Yellowjacket receiver. The SD card slot is located next to that for installing, removing or re-installing the Yellowjacket-TABLET software. The SMA male antenna connector is for use with the included omni directional antennas or the optional DF antenna systems. Please consult with Berkeley engineers before employing any antenna not supplied by BVS. The stylus can be found connected to the attached coil-cord which is attached to the bottom of the Q1 tablet. The unit also contains a GPS antenna input when GPS data is required for studies.

Powering Your Yellowjacket®-TABLET

Powering up your Yellowjacket-TABLET begins by switching power on the Tablet PC. The Power ON/OFF switch is located on the side of the tablet PC under the rubber flap. Yellowjacket-TABLET Wi-Fi Analyzer contains an internal, rechargeable Li-Ion battery system in the receiver unit on the bottom. Users should not open the receiver unless a BVS technical support expert has instructed you to do so. The internal batteries are charged using the supplied DC power adapter connected to the power input. Consult the technical specifications sheet for common charging and running times for your unit. The red LED light next to this power input will blink while charging and go solid red when charging is complete. When your Yellowjacket-TABLET Wi-Fi Analyzer is charged, the Samsung Q1 tablet is powered on and the Yellowjacket-TABLET software is running, the red LED on the receiver (next to the GPS antenna input) will turn on. This indicates constant communication between the receiver and the tablet interface. NOTE: BVS recommends charging the unit every 2 weeks and at least once a month to avoid poor battery life.

Opening Your Yellowjacket®-TABLET

Always contact BVS technical support (1-888-737-4287 or +1 732-548-3737 8AM - 6PM EST or e-mail support@bvsystems.com) before attempting any modifications or repairs to your Yellowjacket-TABLET. In some cases, users may replace batteries or perform simple changes within the receiver module but failure to contact BVS technical support for procedural steps before proceeding will result in a VOIDED WARRANTY.
Optional Directional & Omni Antenna Specifications

2.4 GHz Direction Finding
Corner Reflector

2.4 GHz Direction Finding
Corner Reflector

4.9/5 GHz Direction Finding
Corner Reflector

4.9/5 GHz Direction Finding
Corner Reflector

2.4 GHz Omni-Directional (7.5” long)

4.9/5 GHz Omni-Directional (5.5” long)

Electrical Properties:
- Frequency Range: 2.4-2.5 GHz
- Impedance: 50 Ohm nominal
- VSWR: <2.0:1
- Gain: 5 dB
- Radiation: Omni
- Polarization: Vertical

Mechanical Properties:
- Connector: SMA Plug (m/f)
- Material: Polyethylene (Black) / Swivel Mechanism: Polyethylene (Black)
- Connector: Brass with black chrome plating
- Operation Temp: -20°C to +50°C
- Storage Temp: -30°C to +70°C

Electrical Properties:
- Frequency Range: 5.15-5.35 GHz
- Impedance: 50 Ohm nominal
- VSWR: <2.0:1
- Gain: 5 dB
- Radiation: Omni
- Polarization: Vertical

Mechanical Properties:
- Connector: SMA Plug (m/f)
- Material: Polyethylene (Black) / Swivel Mechanism: Polyethylene (Black)
- Connector: Brass with black chrome plating
- Operation Temp: -20°C to +50°C
- Storage Temp: -30°C to +70°C
Accessories for your **YELLOWJACKET-TABLET**

- **2.4 GHz Direction Finding Antenna** with mounting bracket, cable & SMA male
  - 9 dBi gain
  - P/N 2ND
  - $250.00

- **4.9/5 GHz Direction Finding Antenna** with mounting bracket, cable & SMA male
  - 9 dBi gain
  - P/N 5NE
  - $250.00

- **30 dB attenuator pad** for use with directional antennas (between DF antenna & Yellowjacket®)
  - SMA male to female
  - P/N bbpad30
  - $30.00

- **Remote Manager**
  - 802.11b/a/n/g monitoring software
  - Ask for a Quote

- **Rugged Carrying Case**
  - ABS Plastic
  - P/N P-CASE
  - $150.00

- **12VDC to 110VAC car cigarette lighter power inverter**
  - 75 Watts output
  - P/N YF-12V-USB
  - $75.00

- **Swarm**
  - 802.11b/a/n/g mapping software
  - Ask for a Quote

- **2.4 GHz Omni Antenna**
  - SMA male swivel
  - Co-Linear Dipole 5 dBi VSWR 1.8:1
  - P/N K181AM-5250S
  - $25.00

- **3.5 GHz Omni Antenna**
  - SMA male swivel
  - P/N 5NP
  - $25.00

- **4.9/5 GHz Omni Antenna**
  - SMA male swivel
  - Co-Linear Dipole 5 dBi VSWR 1.8:1
  - P/N K181AM-5250S
  - $25.00

- **12VDC to 110VAC car cigarette lighter power inverter**
  - 75 Watts output
  - P/N YF-12V-USB
  - $75.00

**OPTIONAL**

- **Remote Manager**
  - 802.11b/a/n/g monitoring software
  - Ask for a Quote

- **30 dB attenuator pad** for use with directional antennas (between DF antenna & Yellowjacket®)
  - SMA male to female
  - P/N bbpad30
  - $30.00
**Create Survey Maps:**

**Swarm Projector (PC)**
- Import any bitmap for use in your Yellowjacket B/A/N/G
- Create geo-coded site files for analysis

**Constant Realtime Wi-Fi Surveys:**

**Swarm Collector (iPAQ)**
- Scan all 802.11 channels on BOTH 2.4 GHz and 5 GHz
- JPEG snapshots of any survey screen
- Collect survey data automatically via GPS
- Collect data by manually tapping touch-screen

**Coverage Reliability Analysis:**

**Swarm Analyzer (PC)**
- Plot surveys in multiple graphical and table views
- Plot coverage by APs or AP channels
- Locate unknown APs’ positions
- Print and export plots into BMP files for spreadsheets
- Create KML file for plotting coverage over Google Earth™

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**Swarm™** combines the power of realtime Yellowjacket® 802.11b/a/n/g Wi-Fi measurements with GPS geo-coding accuracy. First, create your survey bitmaps with both Linear and GPS PROJECTOR software. Next, simply walk or drive to any spot with GPS reception while **Swarm™ COLLECTOR** scans all 802.11b/a/n/g channels and correlates them to your exact location automatically via GPS or manually by tapping on the touch-screen. GPS measurements provide both LAT and LON as well as time stamping for a complete Wi-Fi survey path anywhere in the world. **Swarm™ COLLECTOR** allows JPEG screen snapshots to be taken at particular points of interest throughout the survey. Finally, survey data such as RSSI, MAC and SSID may be exported into **Swarm’s ANALYZER** for further mapping coverage studies in multiple graphical and tabular layouts. In areas with little or no GPS reception, **Swarm™ ANALYZER** only needs a few reference points to fill in the locations for the rest making it effective for quick outdoor studies. Surveys may be exported further into KML files for plotting in applications such as Google Earth™.

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**Features:**
- Create survey bitmaps with BVS’ Linear or GPS Projector software
- Collect data by using GPS position for outdoor surveys
- Collect data by manually tapping locations for indoor studies
- Choose any 802.11b/a/n/g Wi-Fi channels to scan
- JPEG screen snapshots may be taken throughout the survey
- Survey data such as RSSI, MAC and SSID is exported into Swarm Analyzer for further mapping coverage studies in multiple graphical and spreadsheet layouts
- Surveys may be exported further into KML files for plotting in applications such as Google Earth™

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**Clarifying RF**
**BERKELEY VARITRONICS SYSTEMS®**
Providing wireless solutions for over 35 years.

802.11b/a/n/g Wi-Fi Indoor/Outdoor Site Surveys

**Swarm Projector (PC)**
- Create survey bitmaps with GPS geo-coding accuracy
- Collect survey data automatically via GPS
- Collect data by manually tapping touch-screen

**Swarm Collector (iPAQ)**
- Scan all 802.11 channels on BOTH 2.4 GHz and 5 GHz
- Collect survey data automatically via GPS
- Collect data by manually tapping touch-screen

**Swarm Analyzer (PC)**
- Plot surveys in multiple graphical and table views
- Plot coverage by APs or AP channels
- Locate unknown APs’ positions
- Print and export plots into BMP files for spreadsheets
- Create KML file for plotting coverage over Google Earth™

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Call us today for more information:
TOLL FREE 1-888-737-4287
Tel: +1 732-548-3737       Fax: (732) 548-3404
www.bvsystems.com         email: sales@bvsystems.com

**Optional Software Available for your Yellowjacket-Tablet**

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Google Earth is a registered ® trademark of the Google Corporation.
See EVERYTHING your Wi-Fi receiver sees...

REMOTE MANAGER software for your YELLOWJACKET®-B/A/N/G

802.11B/A/N/G Remote Monitoring Software

Remote Manager™ software is a data monitoring & reporting application that connects to any Yellowjacket® B/A/N/G or Beetle™-BANG through a standard 10/100 ethernet connection. With Remote Manager™, users can control what wireless data is to be collected via the Yellowjacket® or Beetle™ Wi-Fi receivers and store that data in a relational database* for future retrieval and analysis. Remote Manager™ allows users to scan the RF spectrum (Yellowjacket® B/A/N/G only) for packets and interference over time creating a network footprint of usage to find out who’s in your network airspace with or without authorization. Remote Manager™ even creates comprehensive PDF or MS Excel reports for an IT manager’s overview. All of this can be accomplished from anywhere in the world; all you need is access to an ethernet connection to place your Yellowjacket® or Beetle™ Wi-Fi receiver.

REMOTE MANAGER Features:
- Controls Yellowjacket B/A/N/G or Beetle-BANG remotely from any RJ-45 connection
- Monitor your network from anywhere - home and office.
- Data collected in real-time and stored in a relational database*
- Create comprehensive reports from your measured network data
- Export reports to PDF® and MS Excel® formats
- Collect spectrum data from the RF environment
- Collect packet data parameters such as MAC, SSID, Channel
- Data reports over various time periods for temporal overview of your network
- Software includes ethernet receiver dongle and cable

OPTIONAL SOFTWARE AVAILABLE FOR YOUR YELLOWJACKET-TABLET
INTRODUCTION

The YellowJacket Toughbook control software runs on a Windows-based Tablet (XP/Vista) that is connected to a YellowJacket BANG system. This connection is made through USB. The software can also run on a Windows PC or laptop if portability is not desired.

Through this USB connection, the YellowJacket BANG (YJBANG) can be controlled. The YJBANG can be set to any mode and settings available. Data can be monitored in real-time and stored in a log file for later post-processing.
INSTALLATION
The YellowJacket software can be installed from the SD card provided using the USB SD card adapter. .NET Framework needs to be installed on the computer in order for the software to function correctly. This framework is already installed at the factory on the tablet systems.

The framework can be found on the SD card or on the internet at www.microsoft.com.

SYSTEM REQUIREMENTS
Below is the minimum system requirements recommended to run the YellowJacket Toughbook software.
Tablet Operating Systems: Windows XP, Vista
PC Operating Systems: Windows Vista, Windows 7 (32-bit)
Processor Speed: 1.33 GHz
Memory: 1 GB RAM
Hard Drive: 15 GB (or more for large log files)

CONNECTION STATUS
The status bar on the bottom of the main window will display the serial number of the YJBANG hardware and the firmware version installed. This information will only be displayed if the software has connected properly. A 'NOT CONNECTED' message will be displayed if this information was not able to be retrieved.
Other items on the toolbar include a real-time clock, log file status, and whether or not the YJBANG is being powered internally via battery or externally via the A/C transformer and cord.
OPERATING MODES
When starting up the application, a main menu will appear. The options for each of the menu items are discussed in the following sections.

SPECTRUM
Pressing the “SPECTRUM” button from the main menu placing the instrument into “Spectrum Analysis” mode. A screen will appear which displays the current spectrum being scanned as well as an option menu on the right-hand side of the screen.
SPECTRUM ANALYSIS MODE

The 'RETURN' option on the menu will return control to the main menu.

The following information is displayed underneath the current spectrum:
Center Frequency
Current Span
Start Frequency
Stop Frequency
Resolution Bandwidth
Reference Level

The settings available from the option menu are discussed in the following sections. They are listed in alphabetical order with menu depth listed in parenthesis. For instance, the option for reference level is listed as (AMPLITUDE/REF LVL). This is because the user must press the AMPLITUDE option followed by the REF LVL option.

Center Frequency: (FREQUENCY/CENTER)
Changes the center frequency of the spectrum being displayed.

Delta: (MORE/MORE/DELTA/ON-OFF)
This delta marker shows the difference in frequency and power from the marker.

Delta Center: (MORE/MORE/DELTA/CENTER)
Places the delta at the center frequency of the current spectrum.

Delta Peak: (MORE/MORE/DELTA/PEAK)
Places the delta on the highest power value.

**Delta Track: (MORE/MORE/DELTA/TRACK)**
Choosing this option will have the delta marker track the peak value.

**Full Span: (SPAN/FULL SPAN)**
That span will be set to the last span that was set using SPAN.

**Last Span: (SPAN/LAST SPAN)**
The span will be set to the last span value using any of span options.

**Marker: (MORE/MORE/MARKER/ON-OFF)**
The marker menu option allows the user to place a marker at a certain frequency. The frequency and power values are shown at the marker position.

**Marker Center: (MORE/MORE/MARKER/CENTER)**
Places the marker at the center frequency of the current spectrum.

**Marker Peak: (MORE/MORE/MARKER/PEAK)**
Places the marker on the highest power value.

**Marker Track: (MORE/MORE/MARKER/TRACK)**
Choosing this option will have the marker track the peak value.

**Reference Level: (AMPLITUDE/REF LVL)**
This menu option allows the user to set the current reference level of the receiver. The valid choices are between -20 and -70 dBm, in 10 dBm increments. The Reference Level should be adjusted to obtain the greatest dynamic range. The Reference Level should be set so that the strongest signal
on the display is about 10 dB down from the top of the measurement display. If a signal is drawn off the top of the measurement display or the message “clipped” is displayed, lower the Reference Level.

Resolution Bandwidth: (MORE/RES BW)
The YellowJacket measures the energy present in different frequency bins, each bin’s width equal to the resolution bandwidth. The resolution bandwidth is set by setting the level for the resolution bandwidth desired.

Why use a small Resolution Bandwidth? A small Resolution Bandwidth is appropriate to measure frequency components and signal characteristics. Smaller Resolution Bandwidths increases the Sweep Time (number of traces displayed per second) for a given frequency span.

Why use a large Resolution Bandwidth? A large Resolution Bandwidth is appropriate to measure large Spans of frequencies quickly. A Resolution Bandwidth larger than the signal’s bandwidth can measure channel power.

The YellowJacket may be set to a large Resolution Bandwidth and a large Span to quickly sweep and identify frequencies of interest. The Span and Center can then be decreased to measure frequency components and the signal's characteristics.

Screen Averaging: (MORE/SCR AVG)
Using this setting, the average of the last N sweeps will be displayed.

Span: (SPAN/SPAN)
Sets the new span of the spectrum being displayed.

Span Zoom: (SPAN/SPAN ZOOM)
Reduces the span to half of the current span.
Start Frequency: (FREQUENCY/START)
Sets the start frequency of the spectrum displayed. Center and Span will be adjusted accordingly.

Stop Frequency: (FREQUENCY/STOP))
Sets the stop frequency of the spectrum displayed. Center and Span will be adjusted accordingly.

Traces: (MORE/MORE/TRACES)
There are three available traces for display. By default, trace 1 is set to the live feed.
Each trace can be set to the following:
- LIVE – Current real-time data will be displayed.
- PEAK – The highest value recorded at each frequency will be displayed.
- AVG – Video Smoothing and Screen Average results will display.
- FREEZE – The last sweep will be displayed and frozen.
- OFF – Trace will be turned off.
Trigger: (MORE/MORE/MORE/TRIGGER)

Triggering enables the YJBANG to quickly capture the spectrum from sources that are not continuously transmitting. The trigger threshold represents the amount of CHANNEL POWER that when exceeded will trigger the YJBANG to measure the spectrum.

The trigger delay sets a delay between the trigger threshold being exceeded and the measurement of the spectrum. The trigger threshold is set by the user in dBm, and its range is from the current Reference Level to 20dB below the current Reference Level. Trigger Mode is very useful to capture the spectrum from any source that is not continually transmitting on the same frequency.

The trigger delay sets a delay between the trigger threshold being exceeded and the measurement of the spectrum. The trigger threshold is set by the user in dBm, and its range is from the current Reference Level to 20dB below the
current Reference Level. Trigger Mode is very useful to capture the spectrum from any source that is not continually transmitting on the same frequency.

Video Smoothing: (MORE/VID SM)
Video Smoothing uses adjacent bin averaging to reduce the amount of fluctuation in the measured trace due to noise. This is different from Screen Averaging, which averages the same frequency bin from different traces. Use the arrows to increase or decrease the bandwidth which are averaged for the smoothing.

When properly set, Video Smoothing can reduce the variation of the trace due to noise without distorting the trace. It is especially useful for smoothing signals that are not continuous or repetitive. The user must use good judgment when applying Video Smoothing. It is possible to smooth the trace too much so that the trace no longer represents the spectrum of the signal.
Wi-Fi

Pressing the WiFi icon from the main menu brings up the 802.11 scan mode. This mode will display any 802.11 devices found on any of the frequencies in the scan list.

SCAN MODE

By default, the last frequency list selected is used. A new or existing channel table can be loaded by choosing the “channel list” option from the options menu on the right. Using this dialog, a user can create a new list, and save/restore existing lists to /from a file.

Scan Mode will scan through these frequencies one at a time. If there are more than 10 frequencies in the list, than a section of the list which is being
scanned (up to 10 frequencies) will be displayed. To look at an individual frequency only, touch the frequency box desired from the list on the left.

Each list item displays the following:

- Item number
- Whether it is an AP or not
- Channel number
- MAC address
- SSID
- Manufacturer's ID
- RSSI
- Signal/Noise

Choosing “CHANNEL LIST” from the option menu on the right side of the scan screen pulls up the current scan list. This list can be altered by choosing any of the standard 802.11a,b,g, and h channels. Custom frequencies can also
be added to the list.

The current list can be saved to a file for later retrieval.

To choose a standard channel, click on either A/H or B/G on the options menu. Then select or deselect any of the channels on the menu.

Choose “CUSTOM” to enter a custom frequency to be added to the list.
SORTING OPTIONS

Choosing the “SORT” option from the scan screen. This option allows a sort of the device list by appearance time, MAC address, SSID, RSSI, channel number, and signal/noise.
FILTERING OPTIONS

Choosing the “FILTER” option from the scan screen displays a list of current filters being applied to incoming packets.

These filters include drop off time, authorized MAC addresses, RSSI threshold, and SSID.

FILTER SETTINGS

Drop Off Time – This filter will remove a device from the list when the device has not been seen in a specified amount of time.

Security – This filter allows the user to set a list of authorized MAC addresses. When an unauthorized MAC address is located, a warning message will display and the MAC address will be added to an unauthorized MAC address list.
RSSI – This value can be set so that only devices with RSSI's above a certain value will be displayed.

SSID – Can be set so that only devices with a certain SSID will display.
SINGLE FREQUENCY MODE

Single frequency mode can be reached from the scan list screen by selecting one of the frequency buttons on the list to the left of the device list.

Click on the “BACK” button to return to the frequency list screen.
SINGLE DEVICE MODE

A closer look can be taken at any device by tapping on the individual box in the device list. Only information from the selected device will be displayed. Press 'BACK' from the options menu to go back to single frequency mode.

The RSSI value for the selected device is shown over time along with the high and low watermark levels.

There are additional data screens that can be reached from this screen. These are multipath, channel frequency response, antenna alignment, high throughput data, and security information. They can each be chosen from the option menu on the right hand side of the display. There are multiple option menus. Select “MORE” to see the additional options.
MULTIPATH

This display shows the multipath components for the device in question. In general, there should be one peak at or near the line marked '0'. Anything to the left is before the signal arrives. If multiple peaks are displayed to the right of the main peak, these would be multipath components.

In essence, reflections of the main received signal path are seen. This could be from walls inside a building or clutter in the outside environment such as buildings.
ANTENNA ALIGNMENT

By clicking on the 'ALIGNMENT' button, a gauge will display. This gauge shows the current RSSI value (yellow) along with the peak value (blue) in dBm. The peak indicator can be reset by pressing the “Reset Peak” button.

By connecting a direction-finding antenna to the YBANG, this gauge will assist in locating an access point. Simply change direction and watch the gauge. The peak indicator will mark the strongest signal received. By turning the unit until the current indicator approaches the peak indicator, the direction of the incoming signal can be located.
CHANNEL FREQUENCY RESPONSE

The channel frequency response screen shows the frequency response for the MAC in question. The plot is signal strength versus frequency.
HIGH THROUGHPUT (802.11n)
The HT (High Throughput) screen will display high throughput data if the
access point/client is 802.11n capable and transmitting the high throughput
information elements.

The data is a series of information. There are high throughput capabilities
such as information about the 40 MHz mode. There are transmitter
beamforming capabilities. This is followed by antenna selection capabilities
and finally other data such as channel information. The data on this screen is
not valid on a non-802.11n access point.
SECURITY
The security screen shows any security information that can be ascertained from the packets for this MAC address. Information on security types such as WEP, TKIP, CCMP, etc. may be shown.
GPS

Choosing GPS from the main menu activates a display which contains information from the internal GPS receiver. This display will show the position and current time if there is a 3D lock acquired from the GPS satellites in orbit. This information can be useful in real-time and also in post-processing as it is contained in log files.

If there is a point of interest during a study, the position and time will be marked in the log file along with the data taken at that point in time.
Data Logs

Use this option of the main menu to start and stop logging of data being transmitted from the YJBANG to the computer.

There are a number of options in the option menu to facilitate the logging of data which can be post-processed later using the Processing option on the main menu. The log file contains information for either LTE or Spectrum mode as well as other information such as GPS data and receiver information.
FILE
The file option lets the user choose where to store the data being logged.

START
Pressing this button on the option menu opens the file for logging using the current mode.

STOP
Pressing this button on the option menu closes the file to logging.

MODE
Pressing this button allows the user to decide whether or not the file will be overwritten or appended to when logging is started.
**Processing**

The processing option off of the main menu allows the user to convert data logged into an ASCII-delimited readable format which is suitable for various spreadsheet applications as well as other applications for further post-processing.

The main processing screen displays the current files selected, the fields and options selected, the number of bytes in the input file, and the progress of any conversion in progress.
The options menu on the right allows for the selection of the input (binary) file, the output (converted) file, the fields to be included in the output file, and the options to be used during conversion.

**FIELDS**

Choosing FIELDS from the option menu displays the 'Data Type' selection. Choose whether to convert WiFi data or SPECTRUM data. The option menu on the right the allows for the selection of individual GPS, spectrum, WiFi, or RTC (real-time clock) fields.
GPS Field Selection

GPS fields which can be selected include latitude, longitude, date, time, speed, altitude, and status (2D or 3D lock).
Spectrum

Spectrum fields include center, span, start and stop frequencies. Also, step size, resolution bandwidth, reference level, first frequency in the current record, count of rssi values in the current record, and the actual rssi values for the record.
WIFI

WiFi fields available include MAC address, SSID, RSSI, frequency, channel, signal/noise ratio, whether the packet is OFDM or DSS, the manufacturer id of the device, and whether privacy is enabled. Also, a selection is made on whether to include only basic data or multipath data.
RTC
Here the RTC date and time can be selected. This is convenient where there is no GPS available.
OPTIONS

Certain options which are selectable by pressing the options button in the option menu of the main processing display. These include the selection of a field delimiter, whether or not units will be Metric or English, and if a header record is to be included in the output file.
System Information

The system information button on the main menu displays pertinent version and copyright information.

YELLOWJACKET TOUGHBOOK WIFI ANALYZER (2000 - 5900 MHz) - System Info

YellowJacket Toughbook WiFi Analyzer
@Copyright 2011
Berkeley Varitronics Systems, Inc., All Rights Reserved
Version 1.00.C

SN: 301630  FW: V3.3.0

(2000 - 5900 MHz)
Exit
Pressing this button from the main menu will exit the YellowJacket application. Various settings and options are saved.