



# ByteBlower Wireless Endpoint

## DATASHEET

### SUPPORTED DEVICES

Supported OS	Android	Apple iOS	Microsoft Windows	Apple macOS
Minimum version	5.0	9.2.1	Windows 7	El Capitan 10.11.5

### FEATURES AND BENEFITS

#### Generic Features

- Real-world network behavior on the transport layer
- One client can control multiple ByteBlower Wireless Endpoints
- Packet loss measurements
- Latency, latency distribution and jitter measurements
- Testing NAT-ed devices
- WMM (Wi-Fi Multimedia) support

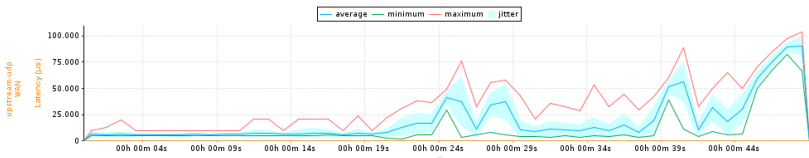
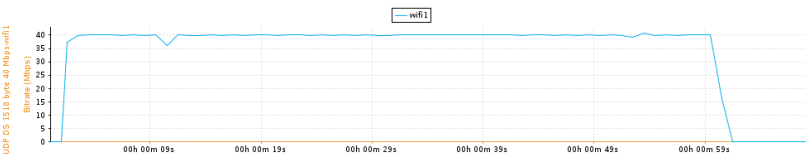
#### User interaction features

- Time-saving and intuitive platform-independent graphical user interface ( GUI )
- Scheduled execution using batches
- Import of PCAP files
- Full control of start and stop times of each flow
- Automated project creation using wizards
- Automatic frame creation and addressing or control at bit level
- Clear report in HTML and in Microsoft® Excel or CSV format
- Automatic project backup
- RFC2544
- Low cost of ownership and ease of use, everything included

#### Automation

- Execution of GUI configurations from command line
- Fully flexible scripting capabilities with platform independent Tcl API or Python API

## GENERATION AND ANALYSIS

Frame size with CRC	64 — 1518 bytes
Flow statistics	<p><b>Latency distribution</b></p>  <p><b>Latency over time</b></p>  <p><b>TCP throughput over time</b></p>  <p><b>Frameblasting throughput over time</b></p> 
Protocols	<ul style="list-style-type: none"> <li>• UDP</li> <li>• TCP</li> </ul>
Features	<ul style="list-style-type: none"> <li>• Import PCAP frames</li> </ul>



## Supported devices

Our solution is device independent. It should work on all devices running the one of the supported Oses, but our solution is tested and guaranteed on the below mentioned selection of devices.

Android	Apple iOS	Microsoft Windows	Apple macOS
Samsung Galaxy S6/S7/S8	iPhone 6s/7/8	Dell Latitude 5570 running Windows 10 professional	MacBook Air 2013
Samsung Tab S2 10.1	iPad 2	Microsoft Surface Book 2	MacBook Pro 2016
	iPad Air 2		

## Supported devices

		Android	Apple iOS	Microsoft Windows	Apple macOS
Results over time (graph, table)	TCP out	✓	✓	✓	✓
	TCP in	✓	✓	✓	✓
	UDP out	✓	✓	✓	✓
	UDP in	✓	✓	✓	✓
Configurable session start and duration		✓	✓	✓	✓
Client RSSI feedback		✗	✗	✗	✗
Configurable TCP window size		✓	✓	✓	✓
WMM support (TOS/DSCP)	TCP out	⚠ Supported values are device dependent			
	TCP in	✓	✓	✓	✓
	UDP out	⚠ Supported values are device dependent			
	UDP in	✓	✓	✓	✓



## CLIENT SOFTWARE

	Windows®	Linux®	MacOS®
GUI	✓	✓	✓
Tcl API	✓	✓	✓
Python API ( 2.7/3.x )	✓	✓	✓