Comparison of IWL Network Emulators

	KMAX Lite	KMAX MM	KMAX P / V	Maxwell Pro / V
Interfaces:				
10/100 Mbits/sec	✓	✓	✓	✓
10/100 Mbits/sec and higher	—	✓	✓	✓
10/100/1000 Mbits/sec	—	—	✓	✓
Optional 10 Gbits/sec for two ports	—	—	✓	✓
Multiple ports option	—	—	✓	—
Pre-defined Scenarios	—	✓	✓	✓
Protocol Tests	—	—	—	✓
G.1050 Tests	—	—	—	✓
Hardware Enclosure				
Tablet sized: 6.6" x 6.2" x 1.2"	✓	✓	—	—
Lunchbox sized: 12.9" x 8.7" x 3.8"	—	—	✓	✓
Rackmount option: 15.7" x 11.8" x 1.7"	✓	✓	✓	✓
Virtual Machine VM (software only)	—	—	✓	✓
Impairments				
Packet Delay/Latency, Jitter, Duplication, Drop/Loss with burst options and multiple distribution options	✓	✓	✓	✓
Rate Limitation with multiple user selectable variables, distributions, queues	✓	✓	✓	✓
Packet Corruption with multiple distribution options and burst options	✓	✓	✓	✓
"Smart" impairments of specific protocol fields	—	—	—	✓
Bit or Packet Corruption	—	✓	✓	✓
User defined impairment function	—	—	✓	—
Packet Flow				
Uni and bi-directional packet flow	✓	✓	✓	✓
Packet Classification	—	✓	✓	✓
Bands / Flows				
1 in each direction; 2 total	✓	✓	✓	✓
5 in each direction; 10 total	—	✓	✓	✓
64 in each direction; 128 total	—	—	✓	✓
User Interface				
User-friendly Interface	✓	✓	✓	—
Graphical and Command Line	✓	✓	✓	✓
Script control	✓	✓	✓	✓
Save Scenarios	—	✓	✓	✓
Remote operation via Internet browser	✓	✓	✓	—
Remote operation via VNC, SSH, telnet	—	—	—	✓