EAST COAST
DATACOM, INC.
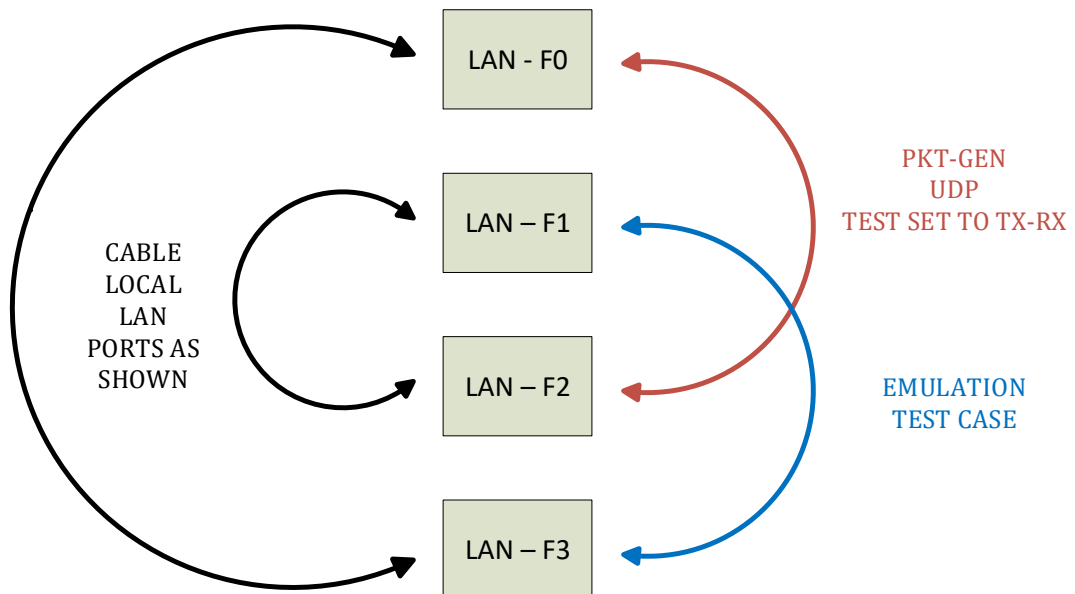### - Products for Global Networks -

TEST CASE – LOOP AND MEASURE

Example: The Wanraptor Network Emulator has a new feature is called, "PKT-GEN" and will generate UDP traffic sending the UDP traffic through an Emulation on the Wanraptor. Observing PKT-GEN Log Stats showing measured latency as well as using PKT-GEN to send and receive UDP traffic through your own device on the network or locally through a Router or switch. You can also configure PKT-GEN to send simplex UDP traffic for load testing to connected switches, routers or networks under test.

Example: WANRAPTOR LAN PORTS ENP101 F0-F4

CABLE LOCAL LAN PORTS AS SHOWN

LAN - F0

LAN – F1

LAN – F2

LAN – F3

PKT-GEN UDP TEST SET TO TX-RX

EMULATION TEST CASE

After Creating the Emulation and PKT-GEN test cases, turn on each test case.
Then observe the Emulation Logs and PKT-GEN Logs. PKT-GEN will show the packets stats for throughput and measured Latency as set in your emulation. The Emulation Logs will show the throughput of UDP packets flowing through the Emulation.

NOTE: For best accuracy, set both the Emulation and PKT-GEN sample rate to 2500. As well, set PKT-GEN transmit rate just below the Emulation Bandwidth Setting. Such as, Emulation Bandwidth at 1Gbps and PKT-GEN transmit Rate at 999Mbps.