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## **Main Enhancements in v1.3 for FE Parascope GigE**

### **RFC2544**

1. Add configurable % bandwidth of upper limit and lower limit in throughput parameter settings.
2. Add configurable % granularity of throughput test.
3. Add configurable PASS or Fail threshold in RFC2544.
4. Add configurable multi-stream in RFC2544 traffic generation.
5. Add user configurable time duration up to 1 hour.

### **Traffic Generation**

1. Add Aux-port to generate traffic(two independent Tx/Rx ports).
2. increase the multi-stream number from max 4 to max 8.
3. Add more configurable fields in multi-stream settings(MAC,IP,VLAN tag and priority,etc.).
4. Add more statistic info in traffic test.
5. Add configurable receiving filter.
6. Add FCS and PAUSE insertion (burst or rate).
7. Add Layer 4 traffic generation.(configurable port number of TCP/UDP).
8. Add configurable multi-source MAC to multi-destination MAC traffic generation.
9. Add user configurable time duration.

### **BERT**

1. Add Aux-port to generate BERT traffic(two independent Tx/Rx ports).
2. Add detailed list o of BERT errors.(date,time,count,etc.)
3. Add user configurable time duration.

### **IPDV**

1. Add IPDV function.
2. Add histogram to see IPDV test result.
3. Measure average, minimum and maximum jitter.

### **Network Monitor**

1. Distinguish up-stream and down-stream statistic info when through mode is selected.

### **System**

1. Add system update via FTP download.

Version 1.3 is due for release on or before Wednesday 31st December 2008