

MAX-860 Report

PASS

Report Header: Equicom Méréstechnikai Kft.
Report Title:
Report Date: 2018.04.20. 11:03:33
Type: EtherBERT - Framed

Job Information

Job ID: US16-150_teszt
Circuit ID: 1-2
Contractor Name:
Customer Name:
Operator Name: Ákos
Comment:

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SUMMARY

Results Summary

| Test Status | |
|-------------------|----------------------|
| Test Status | Completed |
| Pass/Fail Verdict | PASS |
| Start Time | 2018.04.20. 10:20:12 |
| Duration | 00d:00:15:00 |
| Test Recovery | 0 |

| BER Pass/Fail Verdict | |
|-----------------------|------|
| Pass/Fail Verdict | PASS |

| BER Alarms | Seconds |
|--------------|---------|
| No Traffic | 0 |
| Pattern Loss | 0 |

| BER Errors | Seconds | Count | Rate |
|--------------|---------|-------|---------|
| Bit Error | 0 | 0 | 0,00E00 |
| Mismatch '0' | 0 | 0 | 0,00E00 |
| Mismatch '1' | 0 | 0 | 0,00E00 |

| Traffic | Frame Count |
|----------|-------------|
| Total TX | 73196277 |
| Total RX | 73197194 |

| RX Frequency | | |
|------------------------|---------------------|---------------------|
| | Max Negative Offset | Max Positive Offset |
| Frequency Offset (ppm) | 0,0 | 11,1 |

Alarms/Errors

| Alarms/Errors List | |
|---------------------------------|------|
| Active/Historical Alarms/Errors | None |

| Interface | |
|-----------|---------|
| Alarms | Seconds |
| Frequency | 0 |

| Clock Sync | |
|------------|---------|
| Alarm | Seconds |
| LOC | 0 |

| Ethernet | |
|-----------|---------|
| Alarms | Seconds |
| Link Down | 0 |

| Errors | Seconds | Count | Rate |
|---------------|----------|-------|---------|
| Symbol | 0 | 0 | 0,00E00 |
| False Carrier | 0 | 0 | 0,00E00 |
| Idle | 0 | 0 | 0,00E00 |
| FCS | 0 | 0 | 0,00E00 |
| Jabber | 0 | 0 | 0,00E00 |
| Oversize | Disabled | | |
| Runt | 0 | 0 | 0,00E00 |
| Undersize | 0 | 0 | 0,00E00 |
| Total | | 0 | |

| BER Alarms | Seconds |
|--------------|---------|
| No Traffic | 0 |
| Pattern Loss | 0 |

| BER Errors | Seconds | Count | Rate |
|--------------|---------|-------|---------|
| Bit Error | 0 | 0 | 0,00E00 |
| Mismatch '0' | 0 | 0 | 0,00E00 |
| Mismatch '1' | 0 | 0 | 0,00E00 |

| IP/UDP/TCP | | | |
|-------------------|----------------|--------------|-------------|
| Errors | Seconds | Count | Rate |
| IP Checksum | 0 | 0 | 0,00E00 |
| UDP Checksum | 0 | 0 | 0,00E00 |
| TCP Checksum | 0 | 0 | 0,00E00 |
| Total | | 0 | |

Setup Summary

| | |
|-------------------------|--------------------|
| Application Type | EtherBERT - Framed |
|-------------------------|--------------------|

| Interface | Port 1 |
|-----------------------|-------------------------|
| Interface/Rate | 10/100/1000M Electrical |
| Connector | RJ45 |

| | |
|-------------------------|-------------|
| Auto-Negotiation | Enabled |
| Speed | 1000 Mbit/s |
| Duplex | Full |
| Flow Control | None |
| Local Clock | Slave |

Framing: MAC

| | |
|-------------------|------|
| IP Version | IPv4 |
|-------------------|------|

| | MAC |
|--------------------|-------------------|
| Source | 00:03:01:11:85:01 |
| Destination | 00:03:01:11:84:F2 |

| | |
|------------------|--------|
| EtherType | 0x88B7 |
|------------------|--------|

BER

| | TX | RX |
|----------------|---------------------|---------------------|
| Pattern | PRBS31 Non-Inverted | PRBS31 Non-Inverted |

| Bit Error | |
|--------------------------|----------------|
| Pass/Fail Verdict | Bit Error Rate |
| BER Threshold | 1,0E-12 |

| | |
|---------------------------|-----------------|
| Service Disruption | Disabled |
|---------------------------|-----------------|

| | |
|---------------------------|------------|
| Frame Size (Bytes) | 1512 Fixed |
| TX Rate (%) | 100,0000 |

TEST RESULTS

Ethernet Traffic

| Frame Type | TX Count | RX Count |
|-------------|----------|----------|
| Multicast | 0 | 479 |
| Broadcast | 0 | 439 |
| Unicast | 73196277 | 73196276 |
| Non-Unicast | 0 | 918 |
| Total | 73196277 | 73197194 |

| Frame Size (Bytes) | RX Count | % |
|--------------------|----------|----|
| < 64 | 0 | 0 |
| 64 | 801 | 0 |
| 65 - 127 | 29 | 0 |
| 128 - 255 | 89 | 0 |
| 256 - 511 | 0 | 0 |
| 512 - 1023 | 0 | 0 |
| 1024 - 1518 | 73196275 | 99 |
| > 1518 | 0 | 0 |
| Total | 73197194 | |

TEST SETUP

| Clock Synchronization | |
|-----------------------|-----------|
| Clock Mode | Recovered |

FUNCTIONS

Ping & Trace Route

| Network | |
|------------------------|-------------------|
| Source MAC Address | 00:03:01:11:85:01 |
| Source IP Address | 10.10.133.1 |
| Destination IP Address | 0.0.0.0 |

| Ping | |
|-----------------------|------|
| Timeout (ms) | 4000 |
| Delay (ms) | 1000 |
| Data Size (Bytes) | 32 |
| TTL | 128 |
| Type Of Service (TOS) | 0x00 |

| Ping Statistics | |
|------------------------------|----|
| Packets Transmitted | -- |
| Packets Received | -- |
| Percentage Lost (%) | -- |
| Minimum Round Trip Time (ms) | -- |
| Maximum Round Trip Time (ms) | -- |
| Average Round Trip Time (ms) | -- |

| Trace Route | |
|---------------|------|
| Timeout (ms) | 4000 |
| Max Hop Count | 128 |

Filters & Packet Capture

Filters

Filter 1

| Filter Configuration | |
|----------------------|------|
| Enabled Time | -- |
| Filter | None |
| Value | |
| Mask | |

| Filter Results | |
|----------------|-------------|
| Traffic | Frame Count |
| Total RX | -- |

Filter 2

| Filter Configuration | |
|----------------------|------|
| Enabled Time | -- |
| Filter | None |
| Value | |
| Mask | |

| Filter Results | |
|----------------|-------------|
| Traffic | Frame Count |
| Total RX | -- |

Filter 3

| Filter Configuration | |
|----------------------|------|
| Enabled Time | -- |
| Filter | None |
| Value | |
| Mask | |

| Filter Results | |
|----------------|-------------|
| Traffic | Frame Count |
| Total RX | -- |

Filter 4

| Filter Configuration | |
|----------------------|------|
| Enabled Time | -- |
| Filter | None |
| Value | |
| Mask | |

| Filter Results | |
|----------------|-------------|
| Traffic | Frame Count |
| Total RX | -- |

SYSTEM INFORMATION

| | |
|-----------------------------------|----------------------|
| Product Name | MaxTester Series |
| Version | MaxTester Series 1.6 |
| Module ID | MAX-860 |
| Slot ID | 1 |
| Software Product Version | 1.6.0.104 |
| | MaxTester Series 1.6 |
| Assembly Hardware Revision | B |
| Serial Number | 1072210 |
| Calibration Date | 2017.11.15. 1:48:00 |

Software Options

| | | |
|------------------|---|----------|
| 100optical | Ethernet 100Base-FX (Optical) Interface | Disabled |
| GigE_Optical | Ethernet 1000Base-X (Optical) Interface | Enabled |
| GigE_Electrical | Ethernet 1000Base-T (Electrical) Interface | Enabled |
| TCP-THPUT | Tcp Throughput Test Application | Disabled |
| ADV-FILTERS | Advanced Filtering | Disabled |
| MPLS | MPLS Encapsulation (10GE and less) | Disabled |
| IPV6 | Internet Protocol Version 6 (IPv6) (10GE and less) | Disabled |
| ETH-THRU | Through Mode Test Application | Disabled |
| Cable_Test | Cable Test | Disabled |
| ETH-CAPTURE | Ethernet Frame Capture for Advanced Troubleshooting | Disabled |
| ETH-OAM | Carrier Ethernet OAM Test Application | Disabled |
| DUAL-PORT | Dual Port Test | Disabled |
| RFC6349 | RFC 6349 Test Application (10GE and less) | Disabled |
| LINK-OAM | Link OAM | Disabled |
| RFC6349-EXFOWorx | Enables EXFO Worx Interop Operation Mode | Disabled |

LOGGER

| ID | Time | Event | Duration | Details |
|----|----------------|--------------|----------|------------|
| 1 | 04.20 10:20:12 | Test Started | | 2018-04-20 |
| 2 | 04.20 10:35:12 | Test Stopped | | ✓ PASS |

EtherBERT_2018.04.20_11.03.25

