

# FTB-880 Report

PASS

Report Header: НТО "ИРЭ-Полюс"  
Report Title:  
Report Date: 16.09.2024 12:58:57  
Type: EtherBERT - Framed

## Job Information

Job ID:  
Circuit ID:  
Contractor Name:  
Customer Name:  
Operator Name:  
Comment:

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## SUMMARY

### Results Summary

Test Status	
Test Status	Completed
Pass/Fail Verdict	PASS
Start Time	14.09.2024 01:06:12
Duration	02d:11:52:33
Power 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	317567075811
Total RX	317567075811

Service Disruption						
Longest (ms)	Shortest (ms)	Last (ms)	Average (ms)	Total duration (ms)	Count	Verdict
0,000	0,000	0,000	0,000	0,000	0	Disabled

RX Frequency		
	Max Negative Offset	Max Positive Offset
Frequency Offset (ppm)	0,0	53,5

## 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

<b>Application Type</b>	EtherBERT - Framed
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Interface	Port 1
<b>Interface/Rate</b>	10/100/1000M Electrical
<b>Connector</b>	RJ45

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

## Framing: MAC/IP/UDP

<b>IP Version</b>	IPv4
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	MAC	IP Address	UDP Port
<b>Source</b>	00:03:01:10:28:3F	10.10.40.63 / 255.255.0.0	49184
<b>Destination</b>	00:03:01:10:28:86	10.10.40.64	7

<b>EtherType</b>	0x0800
<b>Automatic IP (DHCP)</b>	Disabled
<b>TTL</b>	128
<b>TOS</b>	0x00
<b>Default Gateway</b>	Disabled

## BER

	TX	RX
<b>Pattern</b>	PRBS31 Non-Inverted	PRBS31 Non-Inverted

Bit Error	
<b>Pass/Fail Verdict</b>	Bit Error Rate
<b>BER Threshold</b>	1,0E-12

Service Disruption	
<b>No Traffic Time (ms)</b>	50,0
<b>Pass/Fail Verdict</b>	Disabled

<b>Frame Size (Bytes)</b>	64 Fixed
<b>TX Rate (%)</b>	99,0000

## TEST RESULTS

### Ethernet Traffic

Frame Type	TX Count	RX Count
Multicast	0	0
Broadcast	0	0
Unicast	317567075811	317567075811
Non-Unicast	0	0
Total	317567075811	317567075811

Frame Size (Bytes)	RX Count	%
< 64	0	0
64	317567075811	100
65 – 127	0	0
128 – 255	0	0
256 – 511	0	0
512 – 1023	0	0
1024 – 1518	0	0
> 1518	0	0
Total	317567075811	

## TEST SETUP

Clock Synchronization	
<b>Clock Mode</b>	Recovered

## FUNCTIONS

### Ping & Trace Route

Network	
Source MAC Address	00:03:01:10:28:3F
Source IP Address	10.10.40.63
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

## SYSTEM INFORMATION




<b>Product Name</b>	NetBlazer Series
<b>Version</b>	NetBlazer Series 2.10
<b>Module ID</b>	FTB-880
<b>Slot ID</b>	0
<b>Software Product Version</b>	2.10.0.37
	NetBlazer Series 2.10
<b>Assembly Hardware Revision</b>	C
<b>Serial Number</b>	842451
<b>Calibration Date</b>	25.06.2015 19:38:00

## Software Options

DS1-FDL	DS1/1.5M Facility Data Link	Disabled
DS3-FEAC	DS3/45M Far-End Alarm and Control	Disabled
DS3-G747	ITU-T Recommendation G.747 (E1 in DS3)	Disabled
DSn	Digital Signal (DS1, DS3)	Disabled
PDH	Plesiochronous Digital Hierarchy (E1, E3, E4)	Disabled
DUALRX	Dual RX (DS1, DS3)	Disabled
ISDN-PRI	Primary Rate North American and/or European ISDN	Disabled
NI-CSU	NI/CSU Emulation	Disabled
SDH	Synchronous Digital Hierarchy	Enabled
SONET	Synchronous Optical Network	Enabled
622M	622 Mbit/s	Enabled
155M	155 Mbit/s	Enabled
2488M	2.488 Gbit/s	Enabled
TCM	Tandem Connection Monitoring HO/LO	Disabled
9953M	9.953 Gbit/s	Enabled
52M	52 Mbit/s	Enabled
OTU1	Optical Transport Unit-1 (2.7 Gbit/s)	Disabled
OTU2	Optical Transport Unit-2 (10.7 Gbit/s)	Enabled
OTU2-1e-2e	Optical Transport Unit-2 Overclocked (11.049/11.096 Gbit/s)	Disabled
OTU2-1f-2f	Optical Transport Unit-2 Overclocked (11.270/11.317 Gbit/s)	Disabled
10G_LAN	Ethernet 10G LAN optical interface	Enabled
10G_WAN	Ethernet 10G WAN optical interface	Enabled
FC-10X	Fibre Channel 10X	Disabled
FC-8X	Fibre Channel 8X	Disabled
100optical	Ethernet 100Base-FX (Optical) Interface	Disabled
GigE_Optical	Ethernet 1000Base-X (Optical) Interface	Enabled
GigE_Electrical	Ethernet 1000Base-T (Electrical) Interface	Enabled
FC-1X	Fibre Channel 1X	Disabled
FC-2X	Fibre Channel 2X	Disabled
TCP-THPUT	Tcp Throughput Test Application	Disabled

FC-4X	Fibre Channel 4X	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
TRAFFIC_GEN	Traffic Generation and Monitoring Test Application	Enabled
CPRI-1.2G	CPRI 1.2288 Gbit/s	Disabled
CPRI	CPRI 2.4576 Gbit/s and 3.072 Gbit/s	Disabled
CPRI-4.9G	CPRI 4.9152 Gbit/s	Disabled
CPRI-6.1G	CPRI 6.144 Gbit/s	Disabled
CPRI-9.8G	CPRI 9.8304 Gbit/s	Disabled
OBSAI	OBSAI 3.072 Gbit/s	Disabled
1588PTP	1588 Precision Time Protocol	Disabled
SyncE	Synchronous Ethernet	Disabled
ETH-OAM	Carrier Ethernet OAM Test Application	Disabled
ETH-CAPTURE	Ethernet Frame Capture for Advanced Troubleshooting	Disabled
ADV-FILTERS	Advanced Filtering	Disabled
RFC6349	RFC 6349 Test Application (10GE and less)	Disabled
iSAM	Intelligent Service Activation Methodology	Disabled
LINK-OAM	Link OAM	Disabled
TRAFFIC-SCAN	Traffic Scan	Disabled
TST-OAM	Test Over Service OAM	Disabled

## LOGGER

ID	Time	Event	Duration	Details
1	09.14 01:06:12	Test Started		2024-09-14
2	09.16 12:58:44	Test Stopped		 PASS