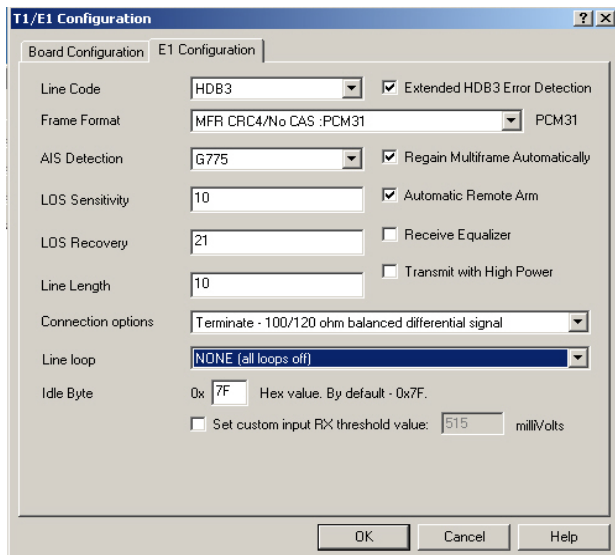


ODIN E1/T1 Analyzer features Panels (partial)

Complete Board configuration



T1/E1 Configuration

Board Configuration | E1 Configuration

Line Code: HDB3 ☒ Extended HDB3 Error Detection

Frame Format: MFR CRC4/No CAS :PCM31 PCM31

ALS Detection: G775 ☒ Regain Multiframe Automatically

LDS Sensitivity: 10 ☒ Automatic Remote Arm

LDS Recovery: 21 ☐ Receive Equalizer

Line Length: 10 ☐ Transmit with High Power

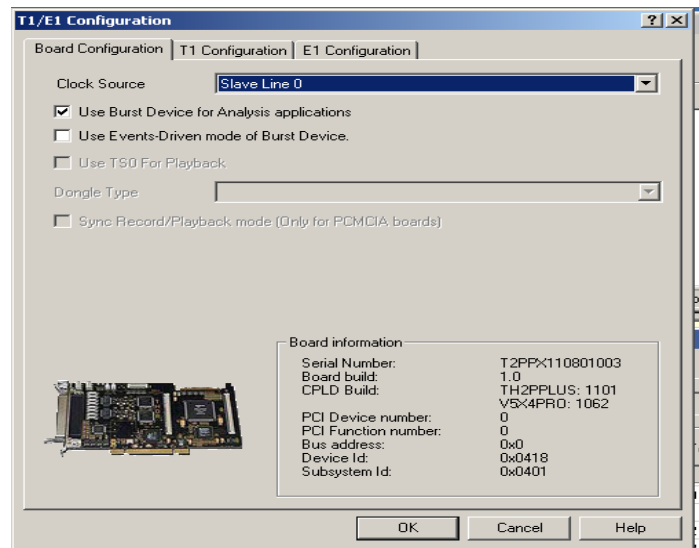
Connection options: Terminate - 100/120 ohm balanced differential signal

Line loop: NONE (all loops off)

Idle Byte: 0x 7F Hex value. By default - 0x7F.

☐ Set custom input RX threshold value: 515 millVolts

OK Cancel Help



T1/E1 Configuration

Board Configuration | T1 Configuration | E1 Configuration

Clock Source: Slave Line 0

☒ Use Burst Device for Analysis applications

☐ Use Events-Driven mode of Burst Device.

☐ Use TSO For Playback

Dongle Type:

☐ Sync Record/Playback mode (Only for PCMCIA boards)

Board information

Serial Number: T2PPX110801003

Board build: 1.0

CPLD Build: TH2PPLUS: 1101

PCI Device number: 0

PCI Function number: 0

Bus address: 0x0

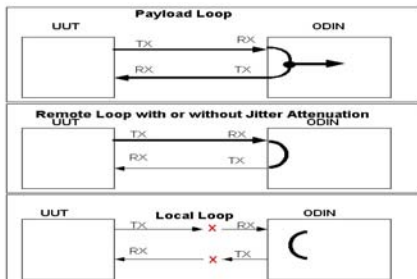
Device Id: 0x0418

Subsystem Id: 0x0401

OK Cancel Help

Line Loop options

Loop back options in ODIN Analyzer (Updated 10-Feb-2008)



Frame, Input and Loop options list

Frame format options:

- Double Frame: PCM31
- CRS Multiframe: PCM31
- CRC Multiframe G.706: PCM31
- CAS Multiframe : PCM30
- CAS+CRC Multiframe : PCM30
- UNFRAMED : PCM32

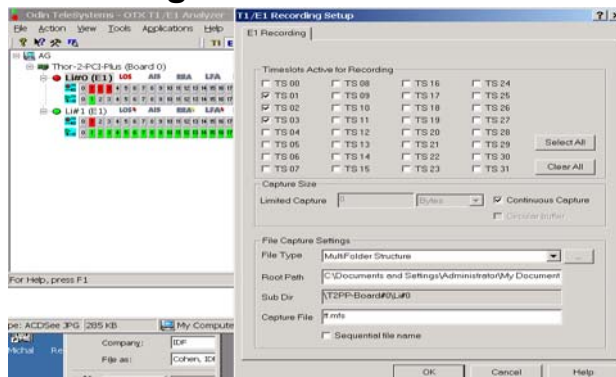
Line Input impedance options:

- Bridge High Z Impedance (for Monitoring)
- Terminate - 75 ohm
- Terminate 120ohm

Line Loop Options:

- NONE
- Line Loop (Payload)
- Remote Loop with Jitter Attenuation
- Remote Loop without Jitter Attenuation
- Local Loop

Recording



T1/E1 Recording Setup

E1 Recording

Timestamps Active for Recording

TS 00 TS 08 TS 16 TS 24

TS 01 TS 09 TS 17 TS 25

TS 02 TS 10 TS 18 TS 26

TS 03 TS 11 TS 19 TS 27

TS 04 TS 12 TS 20 TS 28

TS 05 TS 13 TS 21 TS 29

TS 06 TS 14 TS 22 TS 30

TS 07 TS 15 TS 23 TS 31

Select All Clear All

Capture Size: Limited Capture [1] Rules ☒ Continuous Capture ☐ Circular buffer

File Capture Settings

File Type: MultiFolder Structure

Root Path: C:\Documents and Settings\Administrator\My Document

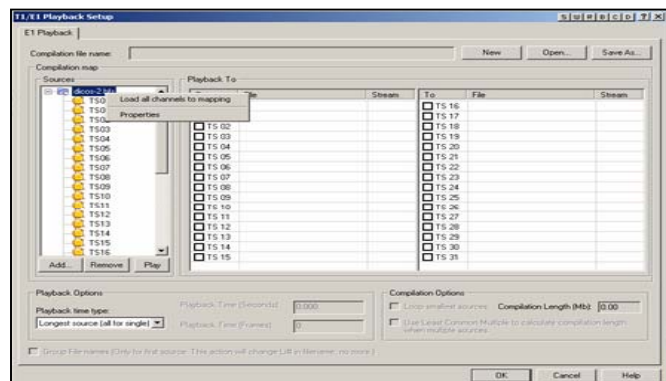
Sub Dir: T2PP-Board\NUIB

Capture File: f.mts

☐ Sequential file name

OK Cancel Help

Playback



T1/E1 Playback Setup

E1 Playback

Compilation file name: New Open... Save As...

Compilation map

Sources: Load all channels to mapping

Properties

TS 00 TS 01 TS 02 TS 03 TS 04 TS 05 TS 06 TS 07 TS 08 TS 09 TS 10 TS 11 TS 12 TS 13 TS 14 TS 15 TS 16 TS 17 TS 18 TS 19 TS 20 TS 21 TS 22 TS 23 TS 24 TS 25 TS 26 TS 27 TS 28 TS 29 TS 30 TS 31

Playback Options

Playback file type: Longest source (all for single)

Playback Time (seconds): 1000

Playback Time (frames):

Compilation Options

☐ Loop infinite sources

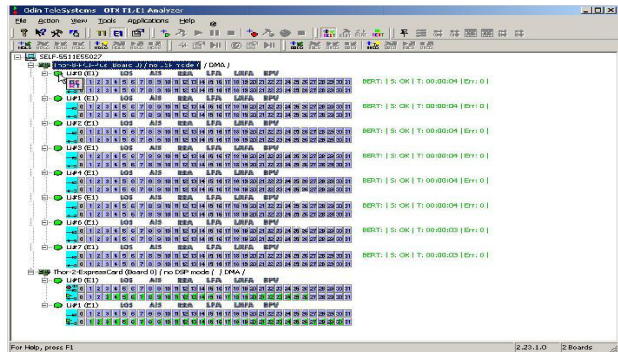
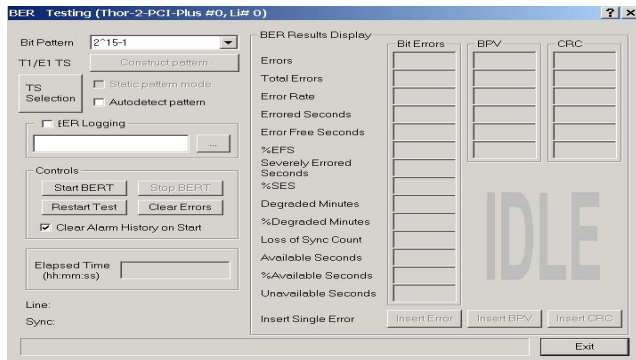
Compilation Length (MB): 5.00

☐ Use Least Common Multiple to calculate compilation length when multiple sources

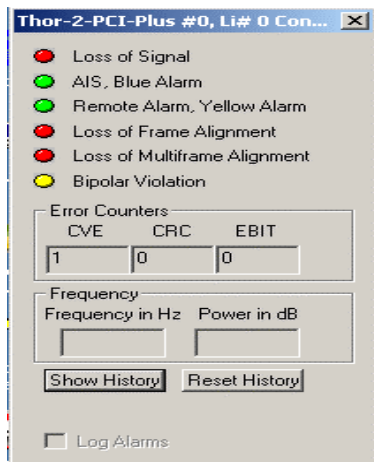
☐ Group file names (Only for test source. This action will change LUI in Release mode)

OK Cancel Help

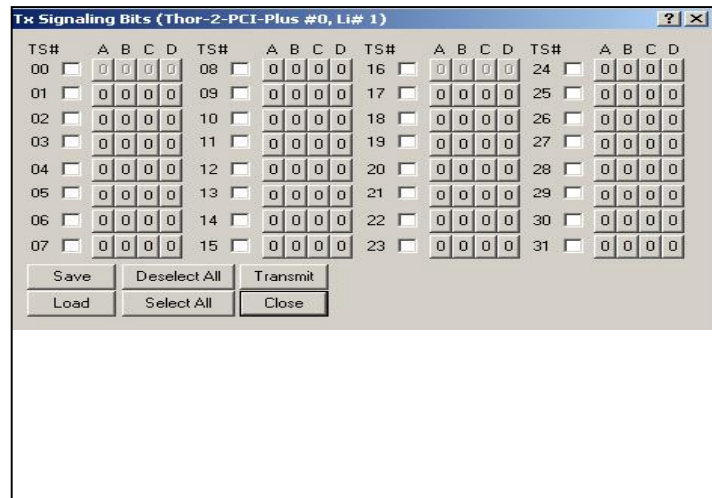
BER Test G.821 & G.826



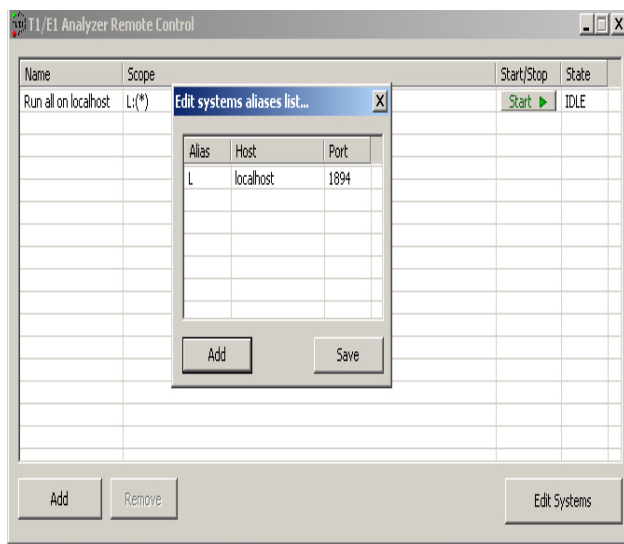
Line Status



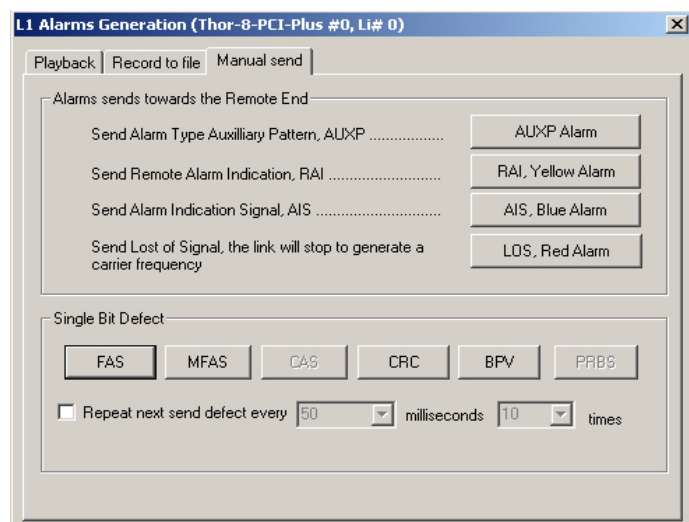
ABCD Bits RX and TX



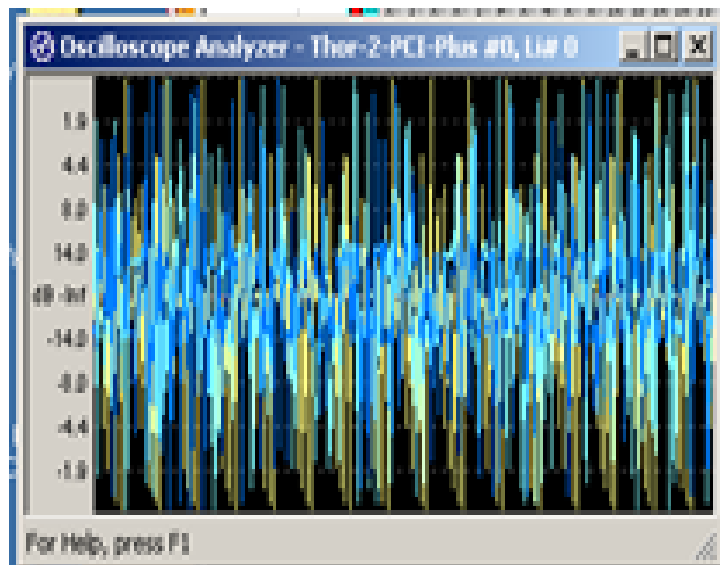
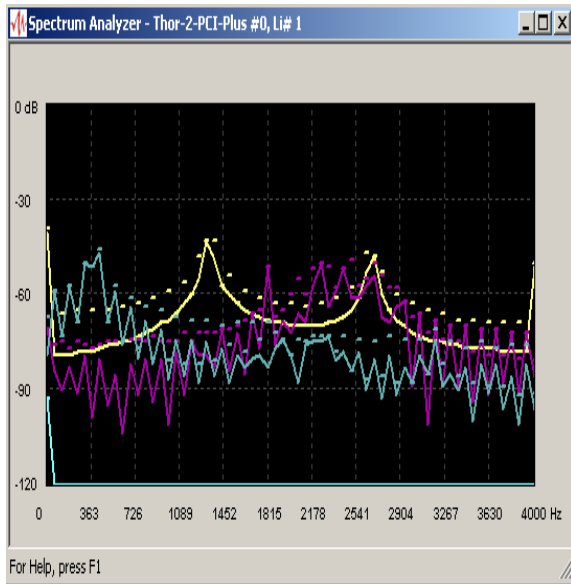
Remote and Grouping Control



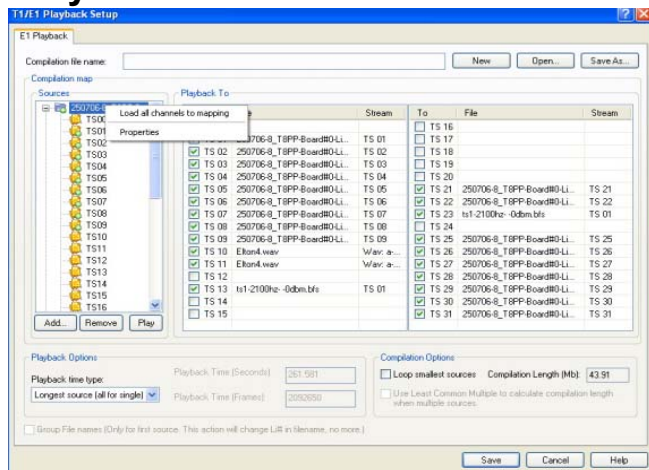
Alarms Generation



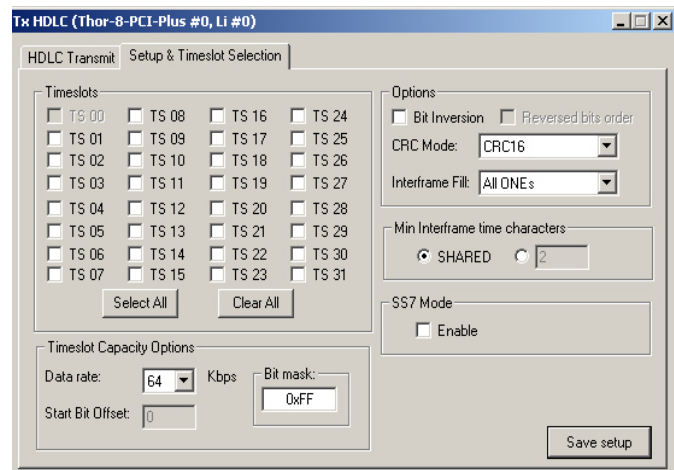
Spectrum & Oscilloscope



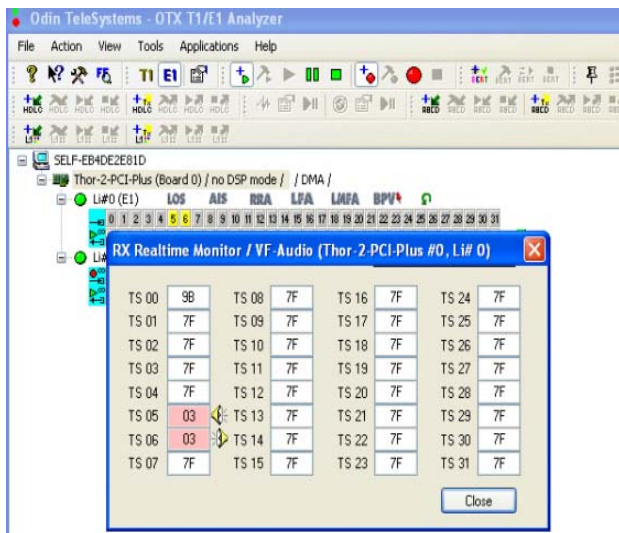
Playlist



HDLC



RX Monitor+L/R Speaker



TX Monitor +L/R Microphone

