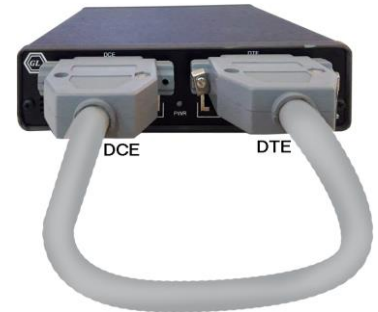


Quick Steps

- After successful installation of **tProbe™ Datacom Analyzer Hardware**, Connect a loopback RS-530 cable to **DCE** and **DTE**.



- Double-click on the **tProbe™ Datacom Analyzer** () shortcut icon on the Desktop, the application should come up.

- Set the Card Settings as shown below.

Card Settings							
Port	Interface	Loopback	Termination	Clock	Mode	Data Rate	
1	EIA_530A	No Loop Back	Terminate	Internal	Sync	16.384 Mbps	<input type="button" value="Set all cards as selected"/> <- Double-click to change values
2	EIA_530A	No Loop Back	Terminate	Internal	Sync	16.384 Mbps	

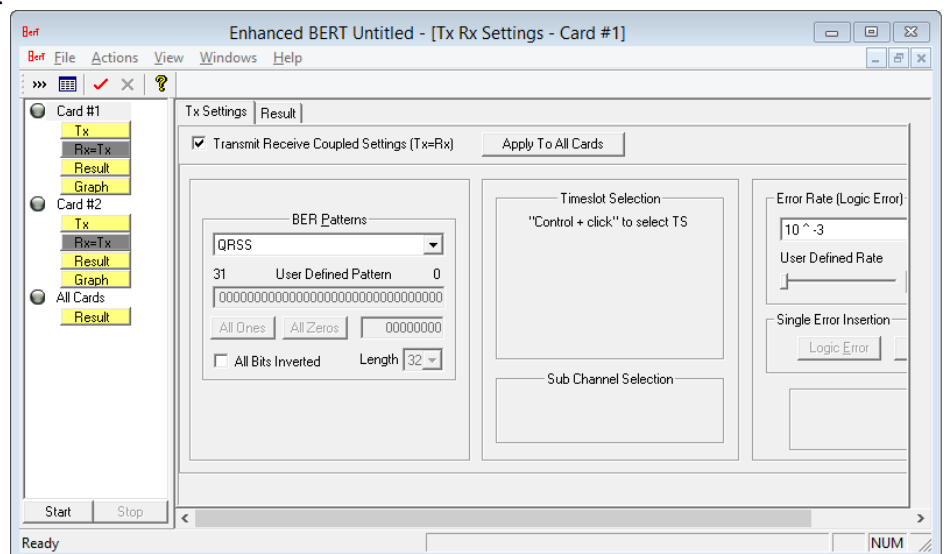
- On **Data Comm Rx Status** window, observe that frequency for both the ports is displayed as **16 384 Mbps**.

	Port 1	Port 2
RXD		
RXC		
TXC		
CTS		
RI		
DSR		
DCD		
TM		
Freq	16 384 010	16 384 010

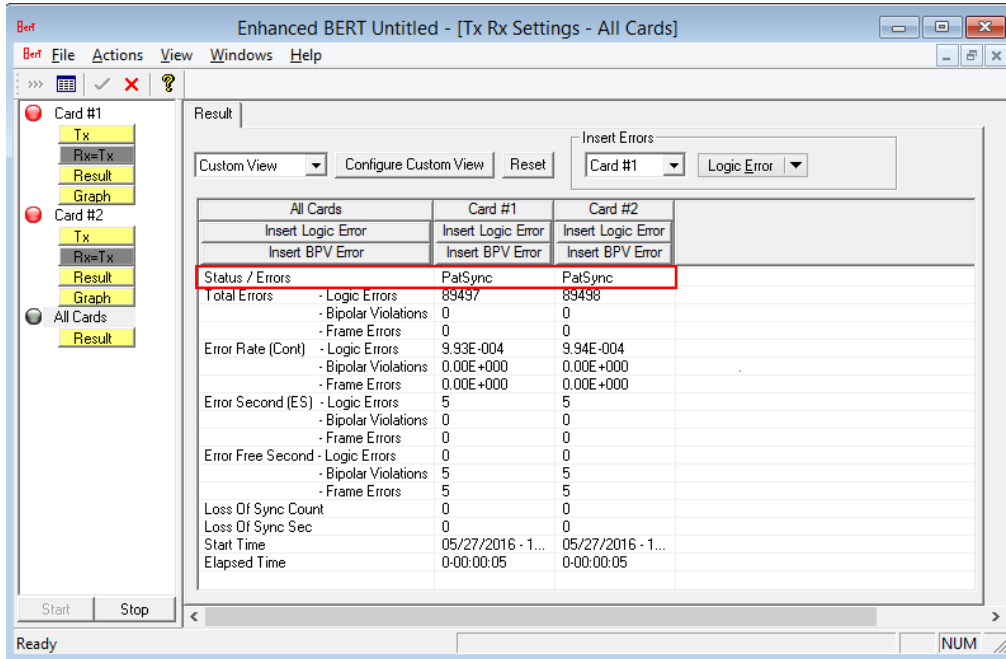
- Click **Intrusive Test** → **Enhanced BERT**

- Configure **Enhanced BERT** as below:

- Select **Card #1** from the left pane, in the Tx Settings tab, check the option “Transmit Receive Coupled settings (Tx=Rx)”
- In the Tx Settings tab, select BER Pattern as **QRSS** and Error Rate (Logic Error) as 10^{-3}
- Click on **Apply To All Cards**
- On the left pane, select **All Cards** and click ‘**Start**’.



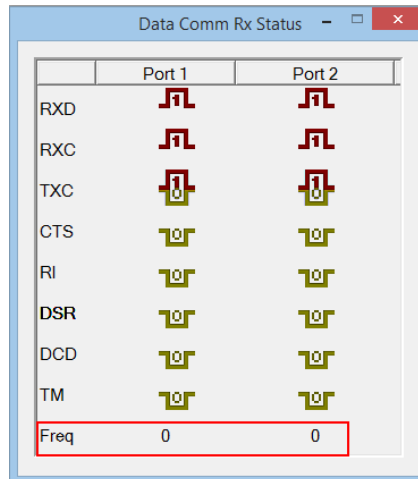
- Click on **Result** tab, the results on **Card #1** and **Card #2** should show pattern sync.



Troubleshoot

If there are any problems while conducting the above test, please troubleshoot with the following steps:

- Check if the analyzer software invokes without any Frequency in the **Data Comm Rx Status** window, then ensure that RS-530 cable is properly plugged-in.



- Check if the Card settings are properly selected as shown in the previous section.
- Follow the detailed instructions in the **tProbe™ Datacom Analyzer Installation Guide**.
- If you are still having issues or have any other related questions call GL Communications Inc. 301 670 4784