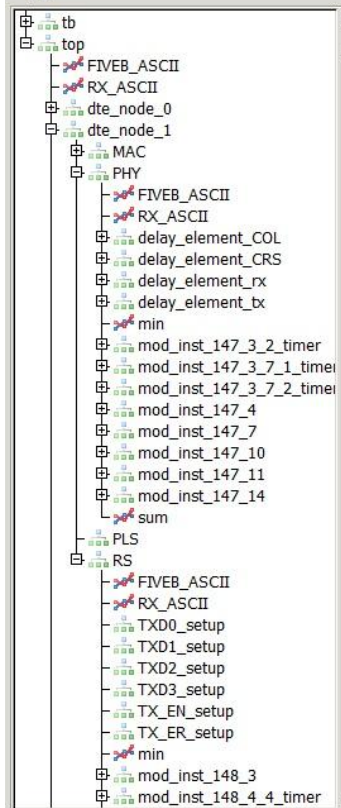


IEEE P802.3da draft D3.1

Comment R1-61

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SST



Type Signals

reg mod_148_5_state_ASCII[103:0]
 reg plca_status_ASCII[31:0]
 reg rx_cmd_ASCII[47:0]
 reg tx_cmd_ASCII[47:0]
 reg tx_cmd_sync_ASCII[47:0]

Filter: ascii

Append Insert Replace

Signals

```

Time
top.dte_node_2.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=
top.dte_node_2.RS.mod_inst_148_3.curID[7:0]=
top.dte_node_2.RS.mod_inst_148_3.rx_cmd_ASCII[47:0]=

top.dte_node_0.TX_EN=
top.dte_node_1.TX_ER=
top.dte_node_1.TX_EN=
top.dte_node_2.TX_ER=
top.dte_node_2.TX_EN=
top.dte_node_3.TX_ER=
top.dte_node_3.TX_EN=

top.dte_node_0.RS.local_nodeID[7:0]=
top.dte_node_1.RS.local_nodeID[7:0]=
top.dte_node_2.RS.local_nodeID[7:0]=
top.dte_node_3.RS.local_nodeID[7:0]=

top.dte_node_0.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=
top.dte_node_1.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=
top.dte_node_2.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=
top.dte_node_3.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=

top.dte_node_0.RS.mod_inst_148_3.curID[7:0]=
top.dte_node_1.RS.mod_inst_148_3.curID[7:0]=
top.dte_node_2.RS.mod_inst_148_3.curID[7:0]=
top.dte_node_3.RS.mod_inst_148_3.curID[7:0]=

top.dte_node_3.RS.CRS=
top.dte_node_3.RS.RX_DV=
top.dte_node_3.RS.receiving=
top.dte_node_3.RS.RX_ER=
top.dte_node_3.RS.rx_cmd_ASCII[103:0]=

top.dte_node_0.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=
top.dte_node_1.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=
top.dte_node_2.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=
top.dte_node_3.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=

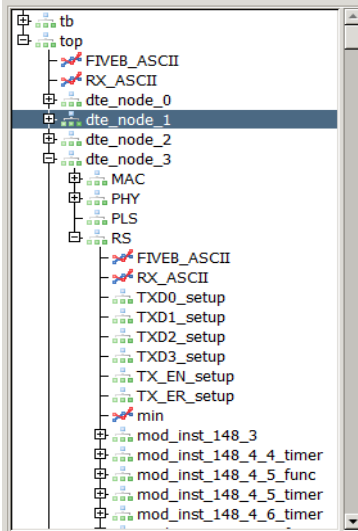
top.dte_node_0.RS.plca_active=
top.dte_node_1.RS.plca_active=
top.dte_node_2.RS.plca_active=
top.dte_node_3.RS.plca_active=

top.dte_node_0.RS.packetPending=
top.dte_node_1.RS.packetPending=
    
```

Waves



SST



Type Signals

wire CRS

Filter: crs

Append

Insert

Replace

Signals

```
Time
top.collision=0
top.BI_DA_N=1
top.BI_DA_P=0

top.dte_node_0.MAC.MA_DATA_request.MA_DATA_request=0
top.dte_node_1.MAC.MA_DATA_request.MA_DATA_request=0
top.dte_node_2.MAC.MA_DATA_request.MA_DATA_request=0
top.dte_node_3.MAC.MA_DATA_request.MA_DATA_request=0

top.dte_node_0.PHY.mod_inst_147_7.mod_147_7_state_ASCII[95:0]=DATA
top.dte_node_0.PHY.RXn_1_ASCII[23:0]=I/
top.dte_node_0.PHY.RXn_2_ASCII[23:0]=R/
top.dte_node_0.PHY.RXn_3_ASCII[23:0]=T/
top.dte_node_0.PHY.mod_inst_147_7.RXn_1_ASCII[95:0]=SILENCE

top.dte_node_0.RS.plca_status_ASCII[31:0]=OK
top.dte_node_1.RS.plca_status_ASCII[31:0]=OK
top.dte_node_2.RS.plca_status_ASCII[31:0]=OK
top.dte_node_3.RS.plca_status_ASCII[31:0]=OK

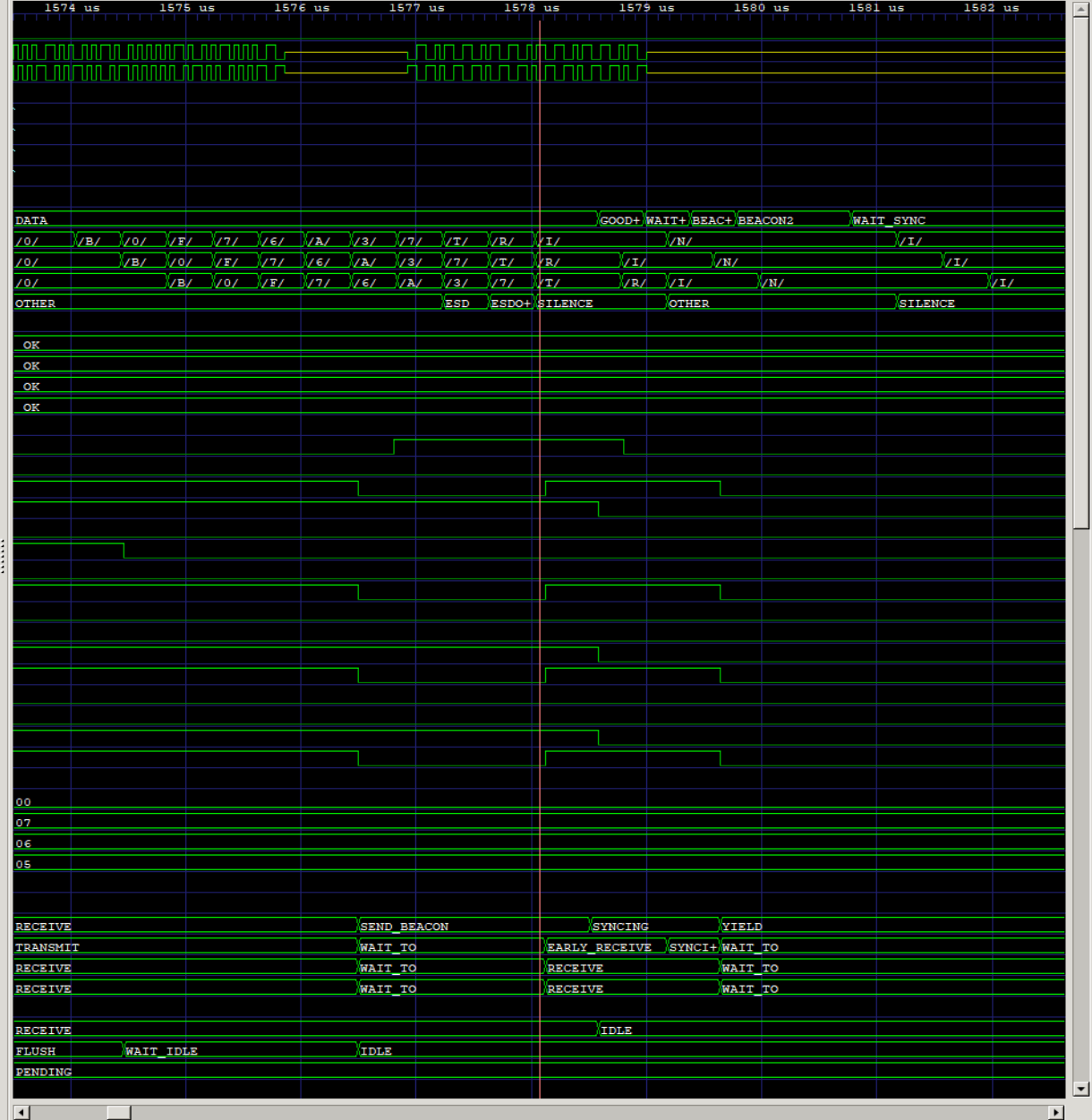
top.dte_node_0.TX_ER=1
top.dte_node_0.TX_EN=0
top.dte_node_0.CRS=0
top.dte_node_0.RX_DV=1
top.dte_node_1.TX_ER=0
top.dte_node_1.TX_EN=0
top.dte_node_1.RX_DV=0
top.dte_node_1.CRS=0
top.dte_node_2.TX_ER=0
top.dte_node_2.TX_EN=0
top.dte_node_2.RX_DV=1
top.dte_node_2.CRS=0
top.dte_node_3.TX_ER=0
top.dte_node_3.TX_EN=0
top.dte_node_3.RX_DV=1
top.dte_node_3.CRS=0

top.dte_node_0.RS.local_nodeID[7:0]=00
top.dte_node_1.RS.local_nodeID[7:0]=07
top.dte_node_2.RS.local_nodeID[7:0]=06
top.dte_node_3.RS.local_nodeID[7:0]=05

top.dte_node_0.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=SEND_BEACON
top.dte_node_1.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=WAIT_TO
top.dte_node_2.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=WAIT_TO
top.dte_node_3.RS.mod_inst_148_3.mod_148_3_state_ASCII[151:0]=WAIT_TO

top.dte_node_0.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=RECEIVE
top.dte_node_1.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=IDLE
top.dte_node_2.RS.mod_inst_148_5.mod_148_5_state_ASCII[103:0]=PENDING
```

Waves



TCI

PACKET

BEACON

Node 0

CRS

640 ns

400 ns

148-3

RECEIVE

SEND BEACON

SYNCING

CRS_RX_ER

120 ns

TX_CLK

TX_ER

Node n

CRS

640 ns

400 ns

RX_DV

TCI_RX_DV

148-3

RECEIVE

WAIT TO

RECEIVE

