















```

1, 100, 1, 1000, 128, 256, , , , , , , , ,
2, 100, 1, 1000, 128, 256, , , , , , , , ,
3, 100, 1, 1000, 128, 256, , , , , , , , ,
4, 100, 1, 1000, 128, 256, , , , , , , , ,
5, 100, 1, 1000, 128, 256, , , , , , , , ,
6, 100, 1, 1000, 128, 256, , , , , , , , ,
7, 100, 1, 1000, 128, 256, , , , , , , , ,
8, 100, 1, 1000, 128, 256, , , , , , , , ,
9, 100, 1, 1000, 128, 256, , , , , , , , ,
10, 100, 1, 1000, 128, 256, , , , , , , , ,
#VLCONFIG, "(vlid, Smin, Smax, bag(0.5 - 128ms), jitter(0 -
10000us), inputport, outputport(op)1, op2, op3, op4, op5,
op6, op7, op8, op9, op10, ACi, priority 0 - low 1 - high)", , , ,
, , , , , , , , , ,
0, 100, 200, 32, 1000, 3, 2, 1, , , , , , , 0, 0,
2, 100, 200, 32, 1000, 3, 2, 1, , , , , , , 0, 0,
4, 100, 200, 32, 1000, 3, 2, 1, , , , , , , 0, 0,
65533, 100, 200, 32, 1000, 1, 3, 2, , , , , , , 0, 0,
65534, 100, 200, 32, 1000, 1, 3, 2, , , , , , , 0, 0,
65535, 100, 200, 32, 1000, 1, 3, 2, , , , , , , 0, 0,
350, 100, 200, 32, 1000, 2, 3, 1, , , , , , , 0, 0,
500, 100, 200, 32, 1000, 2, 3, 1, , , , , , , 0, 0,
1350, 100, 200, 32, 1000, 2, 3, 1, , , , , , , 0, 0,
##END, , , , , , , , , ,

```

```

inside option Pinside option I 1 : 1inside option SGLOBAL STATSPORT STATS of PORT : 1
lmin_err : 300 filtercnt : 300 dropped : 300 rx : 300VL STATS of VL : 0stats command done successfullyinside
option Pinside option I 2 : 2inside option SGLOBAL STATSPORT STATS of PORT : 2 lmin_err : 100
filtercnt : 100 dropped : 100 tx : 200 rx : 300VL STATS of VL : 0stats command done successfullyinside
option Pinside option I 3 : 3inside option
SGLOBAL STATSPORT STATS of PORT : 3 lmin_err : 100 filtercnt : 100 dropped : 100 tx : 200
rx : 300VL STATS of VL : 0stats command done successfully

```

**Figure log file of smin and port status**

**Smax Filtering Test:**

All the frames with size above 1538 bytes or Smax value as programmed in configuration table to be discarded and MIB to be updated port wise

```

inside option Pinside option I 1 : 1inside option SGLOBAL STATSPORT STATS of PORT : 1
lmin_err : 300 filtercnt : 300 dropped : 300 rx : 300VL STATS of VL:0stats command done successfullyinside option
Pinside option I 2 : 2inside option SGLOBAL STATSPORT STATS of PORT: 2lmin_err : 100filtercnt : 100dropped : 100
tx : 200 rx : 300VL STATS of VL : 0stats command done successfullyinside option Pinside option
I 3 : 3inside option SGLOBAL STATSPORT STATS of PORT : 3
lmin_err : 100 filtercnt : 100 dropped : 100 tx : 200rx : 300VL STATS of
VL : 0stats command done successfully

```

**Figure 10: Log file S max and the respective port status**

**6. Conclusion**

After implementing the testing the Filtering and policing logics on the T1040RDB reference design board for a speed for a speed of 1000Mbps the testing will be implemented on the RCI designed AFDX switch.

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**7. Acknowledgement**

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**References**

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