**Place & Route Tutorial #2 Iteration Record**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Iteration | 1 | 2 | 3 | 4 | 5 |
| Period | 5 ns | 4.5 ns | 4.5 ns | 4.5 ns | 4.5 |
| Clock Uncertainty | 50 ps | 50 ps | 50 ps | 50 ps | 50ps |
| INIT AspectRatio | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| INIT Density | 85% | 85% | 85% | 85% | 85% |
| CTS Max Tran | 500 ps | 400 ps | 300 ps | 200 ps | 100 ps |
| CTS Leaf Max Tran | 500 ps | 500 ps | 500 ps | 500 ps | 500 ps |
| CTS Target Skew | 0 | 0 | 0 | 0 | 0 |
| ROUTE overflow GRCs | 8%H 1%V | 8%H 1%V | 8%H 1%V | 8%H 1%V | 8%H 1%V |
| ROUTE violations | 0 | 0 | 0 | 0 | 0 |
| PT Slow Max Ins Delay | 160 ps | 171 | 171 | 171 | 113 ps |
| PT Slow Min Ins Delay | 134 ps | 141 | 141 | 141 | 96 ps |
| PT Slow Max Clk Tran | 249 ps | 257 | 257 | 257 | **103 ps** |
| PT Slow Min Clk Tran | 177 ps | 167 | 167 | 167 | 50 ps |
| PT Slow Hold Slack | 179 ps | 196 | 196 | 196 | **182 ps** |
| PT Slow Setup Slack | 170 ps | 102 | 102 | 102 | 190 ps |
| NOTES: |  |  |  |  |  |