compile.bat -coverage

mkdir coverage\_output

|  |  |  |
| --- | --- | --- |
| 1+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_access\_control\_regs\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_access\_control\_regs\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 2+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_lp\_ctrl\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_lp\_ctrl\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 3+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_lp\_data\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_lp\_data\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 4+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_lp\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_lp\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 5+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_phymstr\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_phymstr\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 6+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_phyupd\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_phyupd\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 7+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_ctrlupd\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_ctrlupd\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 8+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_several\_control\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_several\_control\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 9+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_several\_lp\_small\_wakeup\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_several\_lp\_small\_wakeup\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 10+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_several\_lp\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_several\_lp\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 11+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_several\_phymstr\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_several\_phymstr\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 12+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_several\_phyupd\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_several\_phyupd\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 13+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_control\_with\_regs\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_control\_with\_regs\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 14+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_power\_down\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_power\_down\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 15+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_status\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_status\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 16+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_write\_2to1\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_write\_2to1\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 17+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_many\_write\_2to1\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_many\_write\_2to1\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 18+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_all\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_all\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 19+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_random\_write\_data\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_random\_write\_data\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 20+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_write\_4to1\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_write\_4to1\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 21+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_many\_write\_4to1\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_many\_write\_4to1\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 22+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_all\_part2\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_all\_part2\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -suppress 3839 -suppress 12023 -do simulate.do |
| 23+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_DFI\_read\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_DFI\_read\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" +gb=2 +freqRatio=2 -suppress 3839 -suppress 12023 -do simulate.do |
| 24 |  | vsim -coverage +UVM\_TESTNAME=dfi\_ca\_rand\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/dfi\_ca\_rand\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" +gb=2 +freqRatio=2 -suppress 3839 -suppress 12023 -do simulate.do |
| wavios tests | | |
| 25+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_ddr\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_ddr\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 26+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_ddr\_spice\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_ddr\_spice\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 27+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_dfistatus\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_dfistatus\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 28 |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_freqsw\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_freqsw\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 29+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_mcu\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_mcu\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |
| 30+ |  | vsim -coverage +UVM\_TESTNAME=wddr\_dt\_pll\_test -voptargs="+cover=becfst" -c work.wddr\_tb\_top -novopt -do "coverage save -onexit coverage\_output/wddr\_dt\_pll\_test.ucdb -instance /wddr\_tb\_top/u\_phy\_1x32 -du work.wddr\_pkg" -do simulate.do |

REM set %1

set instances=

set testcases=testcases.txt

vsim -c -do "vcover merge -inputs coverage\_output/ucdb\_files.txt -out coverage\_output/final.ucdb; exit"

vsim -c -do "vcover merge -inputs coverage\_output/ucdb\_files\_wavious.txt -out coverage\_output/wavious\_final.ucdb; exit"

vsim -c -do "vcover merge -inputs coverage\_output/ucdb\_files\_wavious\_include.txt -out coverage\_output/final\_wavious\_include.ucdb; exit"

vsim -viewcov coverage\_output/final.ucdb -c -do "coverage report -html coverage\_output/final.ucdb -details=abcdefgst -htmldir coverage\_output/final -showcvggoalpcnt; exit"

vsim -viewcov coverage\_output/wavious\_final.ucdb -c -do "coverage report -html coverage\_output/wavious\_final.ucdb -details=abcdefgst -htmldir coverage\_output/finalwav -showcvggoalpcnt; exit"

vsim -viewcov coverage\_output/final\_wavious\_include.ucdb -c -do "coverage report -html coverage\_output/final\_wavious\_include.ucdb -details=abcdefgst -htmldir coverage\_output/finalall -showcvggoalpcnt; exit"