



**Prerequisites:**  
 1) Complete TALON-DX Base  
 2) Partial TALON-DX-TDC layer with items shown  
 3) TDC VCC Build 1 persona IP blocks shown – implemented and unit tested  
 4) TDC VCC Build 1 persona bitstream  
 5) Test vector generation as shown  
 6) Test tools

**Test Vectors for Simulation:**  
 1) Short test vector, content not important, check every output value.

**LSTV Requirements:**  
 1) Broadband noise  
 2) Spectral structure  
 3) Tones

**Test Tools:**  
 1) RDMA receiver on server  
 2) Data analysis – Matlab or Python  
 a) Spectral shape of FS  
 b) Bulk delay application