



IBIS AMI: Flows

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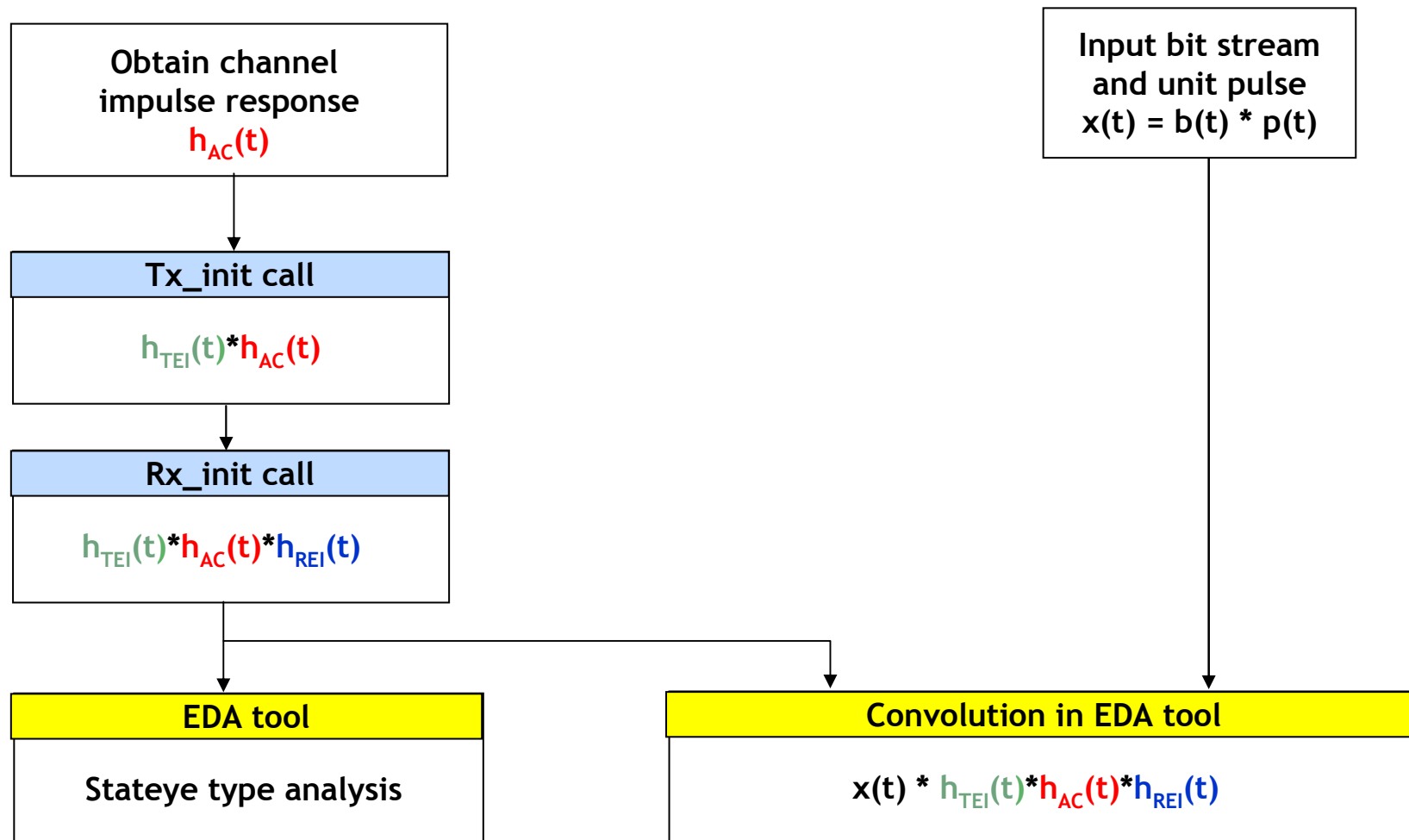
SIGRITY



Objective

- Illustrate flows for the following cases
 - Tx_Init, Rx_Init
 - Tx_Init, Rx_Getwave
 - Tx_Getwave, Rx_Init
 - Tx_Getwave, Rx_Getwave
 - Wfm at rxpad, Rx_Init
 - Wfm at rxpad, Rx_Getwave

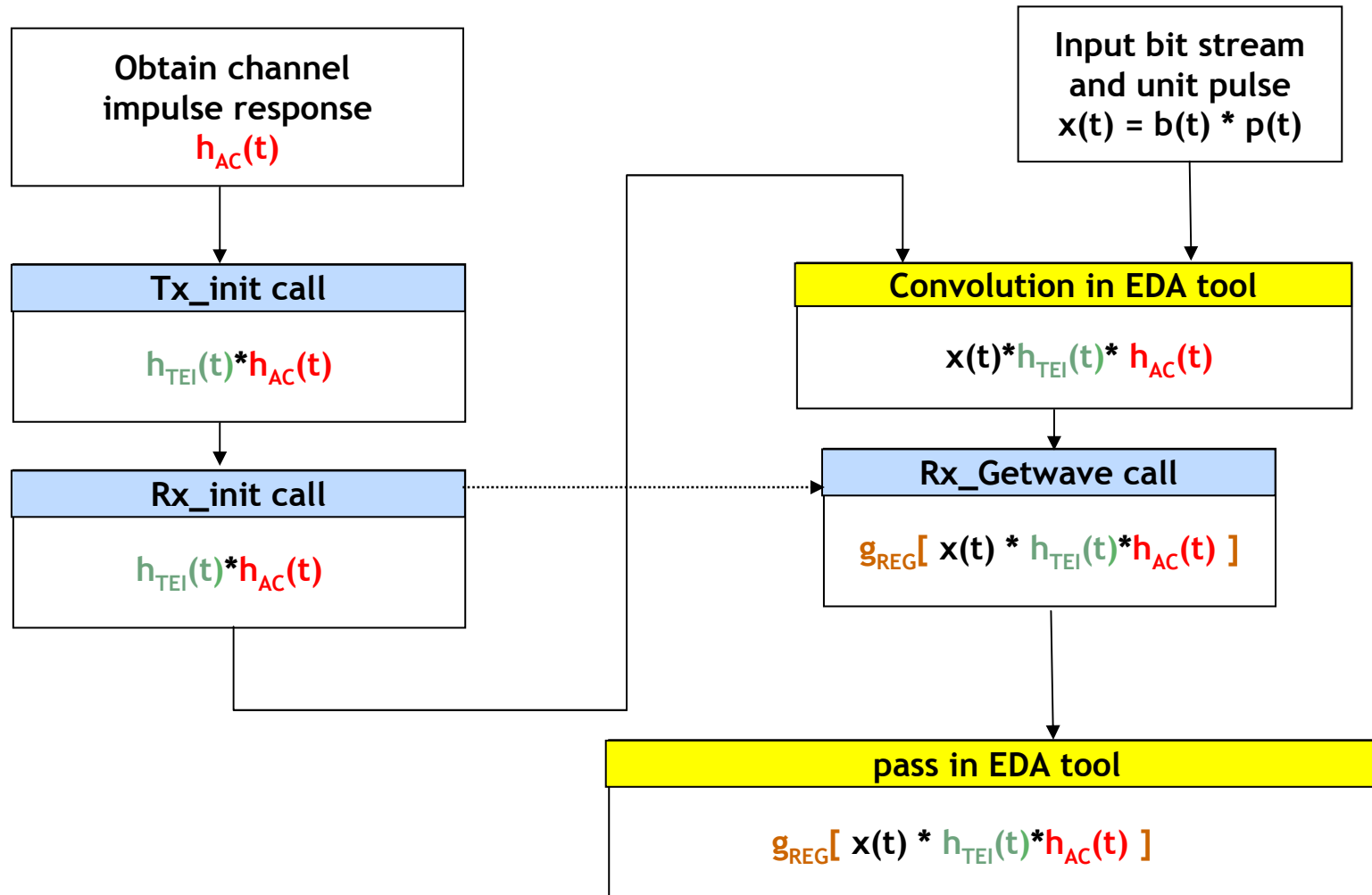
Tx_Init, Rx_Init only



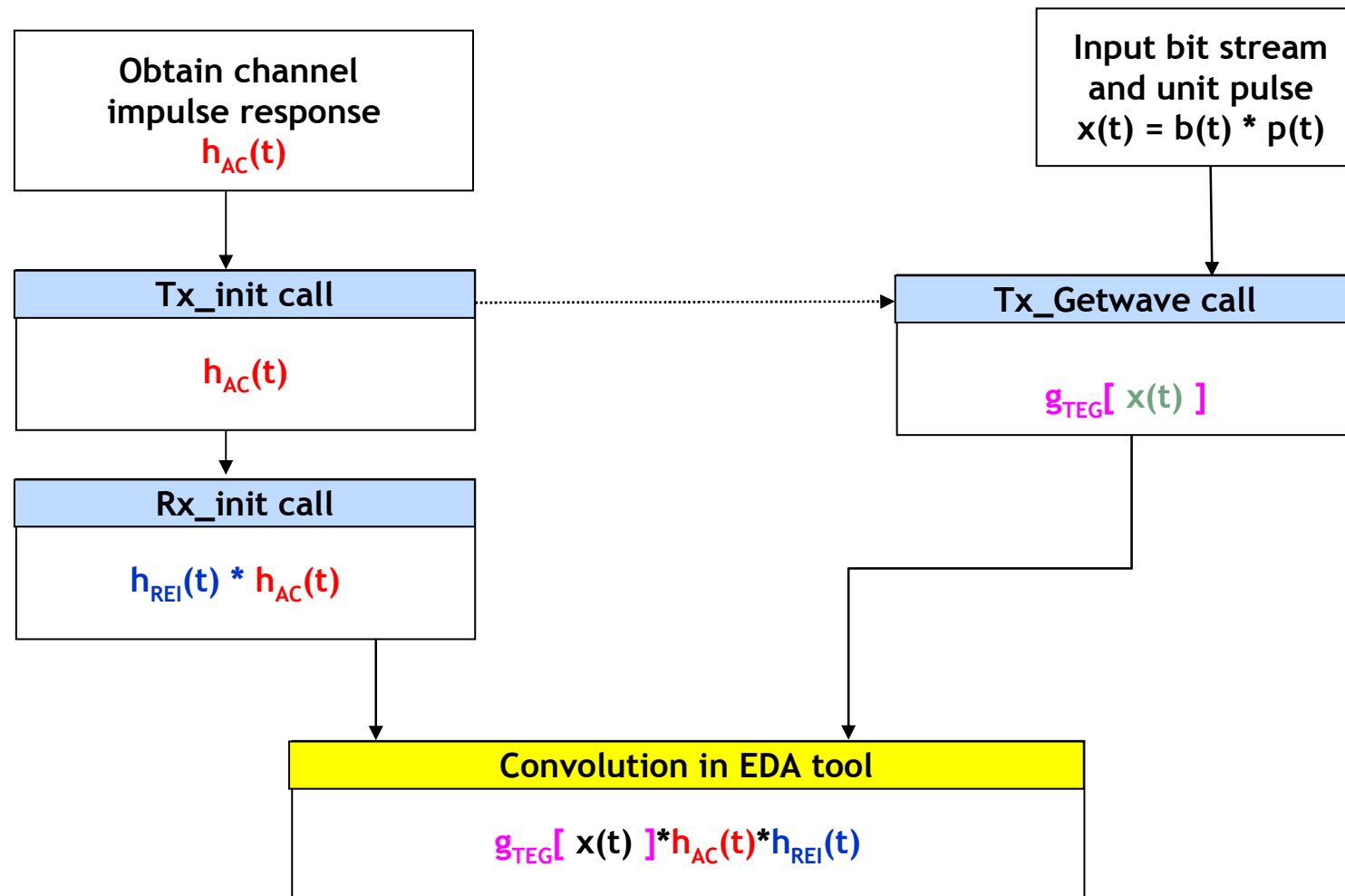
* = convolution



Tx_Init, Rx_Getwave

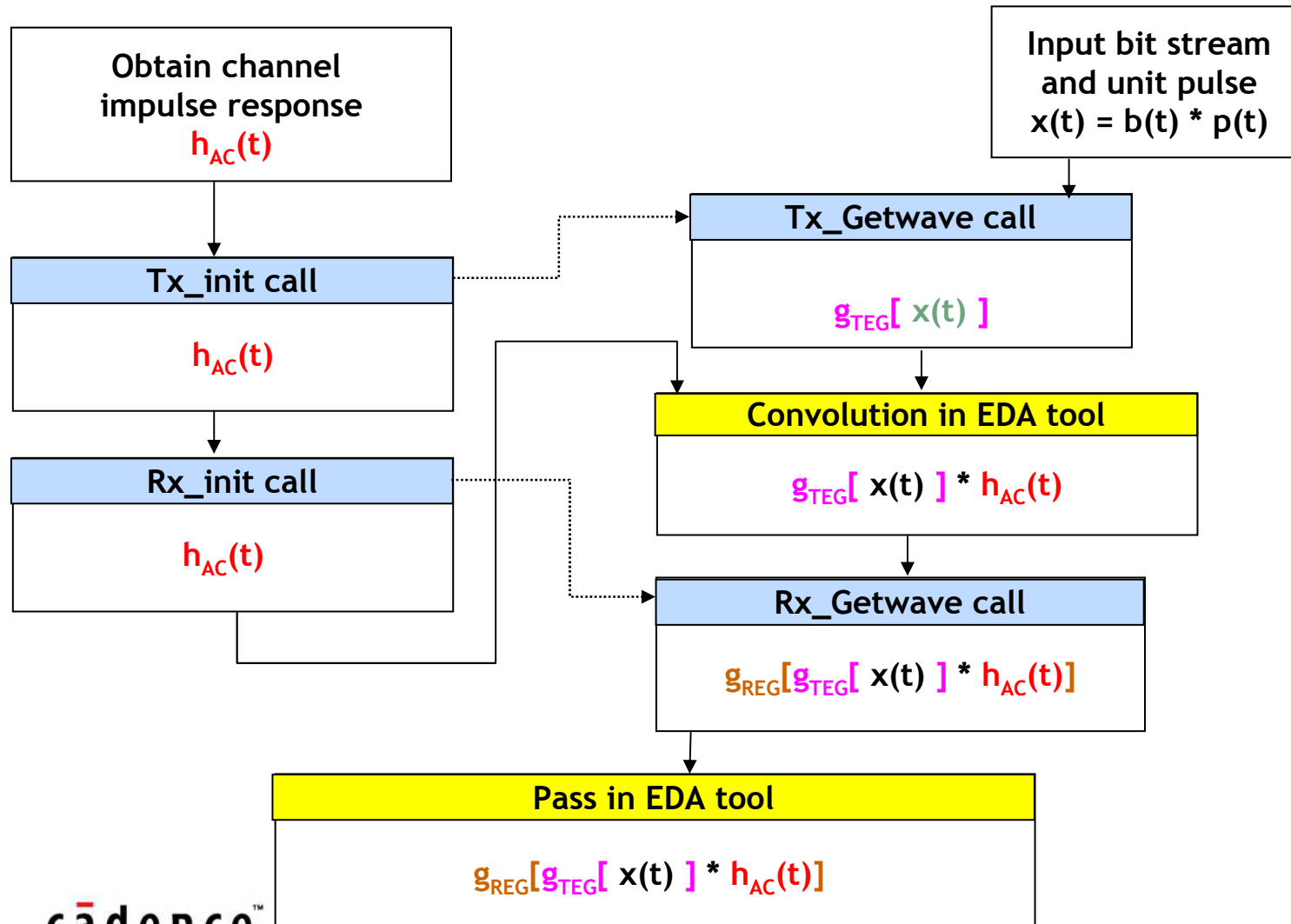


Tx_Getwave, Rx_Init



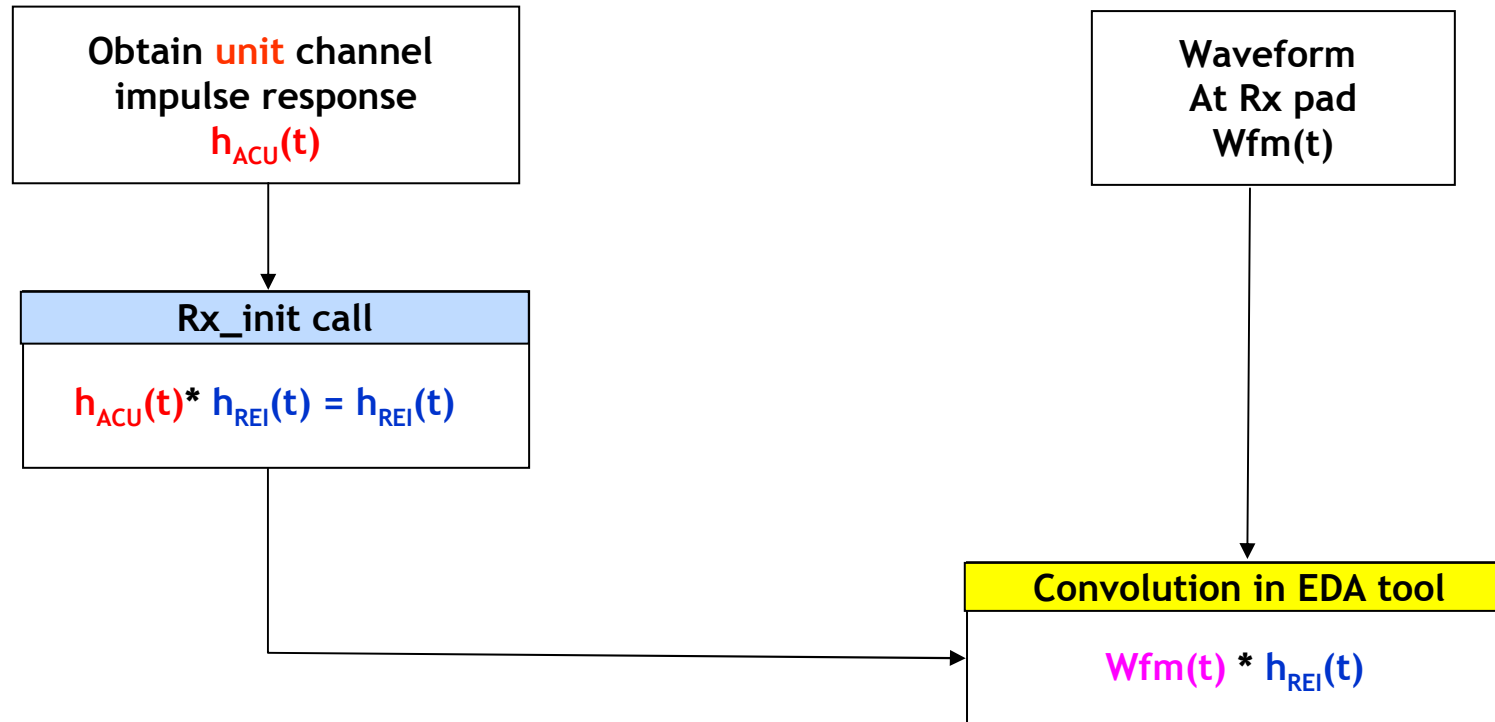


Tx_Getwave, Rx_Getwave

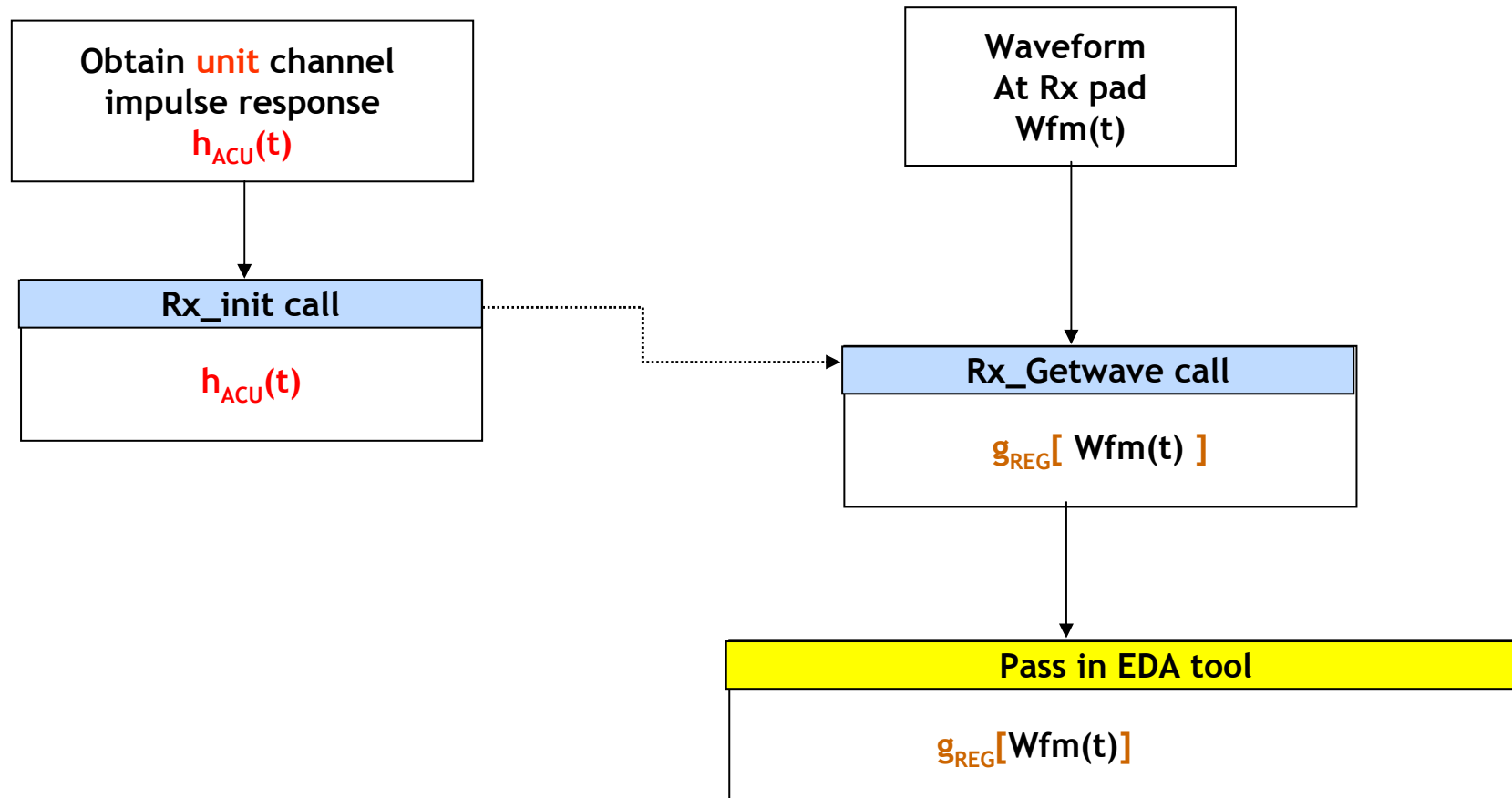




Rx_Init only, wfm at rx pad



Rx_GetWave, Wfm at rx pad (no tx involvement)



Summary

- Statistical analysis supported only in cases with no getwave call
- Time Domain simulation supported in all the cases
- The flow is simpler; there is no need for `init_returns_impulse` and `getwave_exists` parameters i.e. when `getwave` exists only time domain simulation is supported
- Models not supporting `getwave` simply will not have a `getwave`