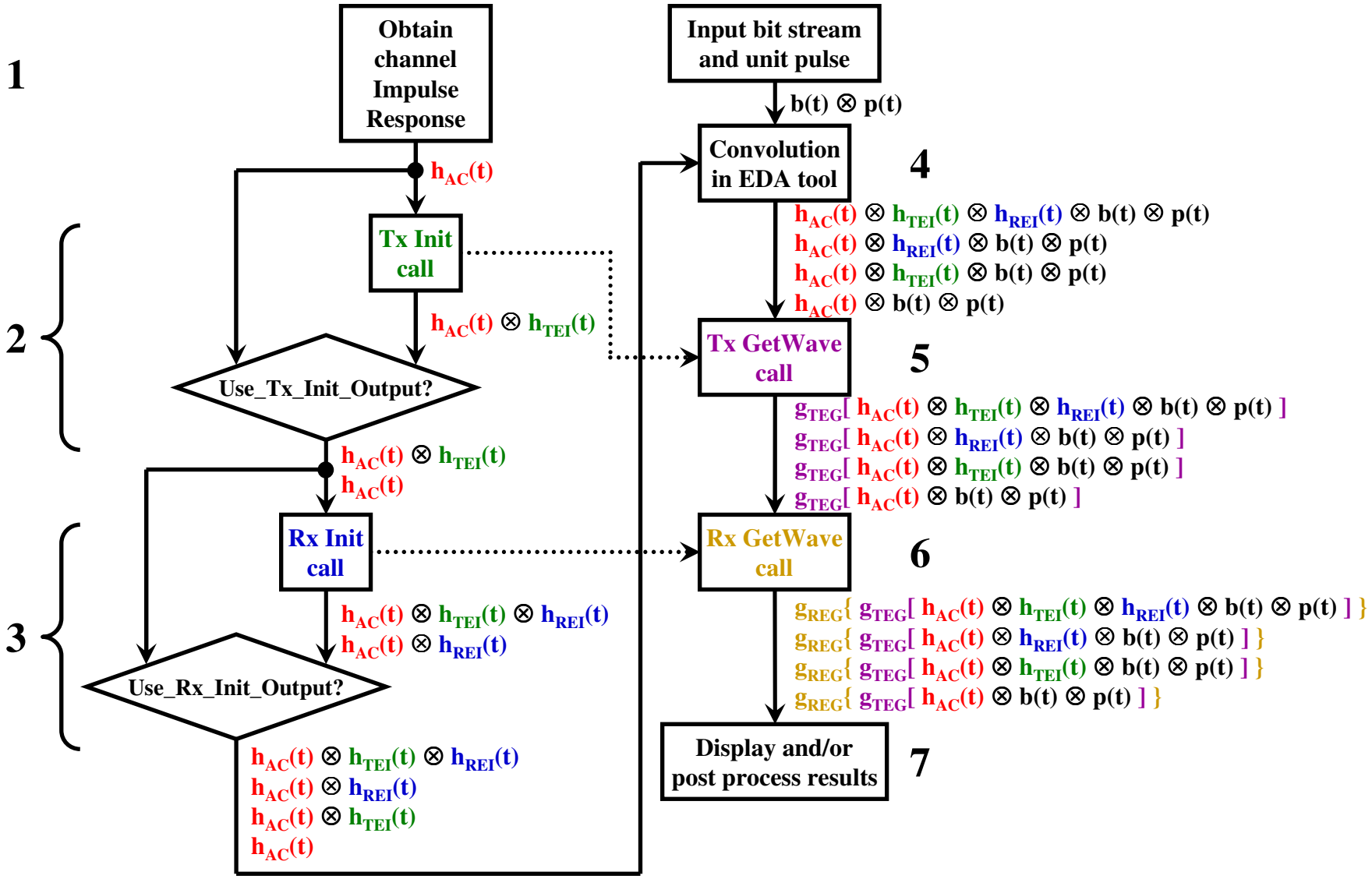
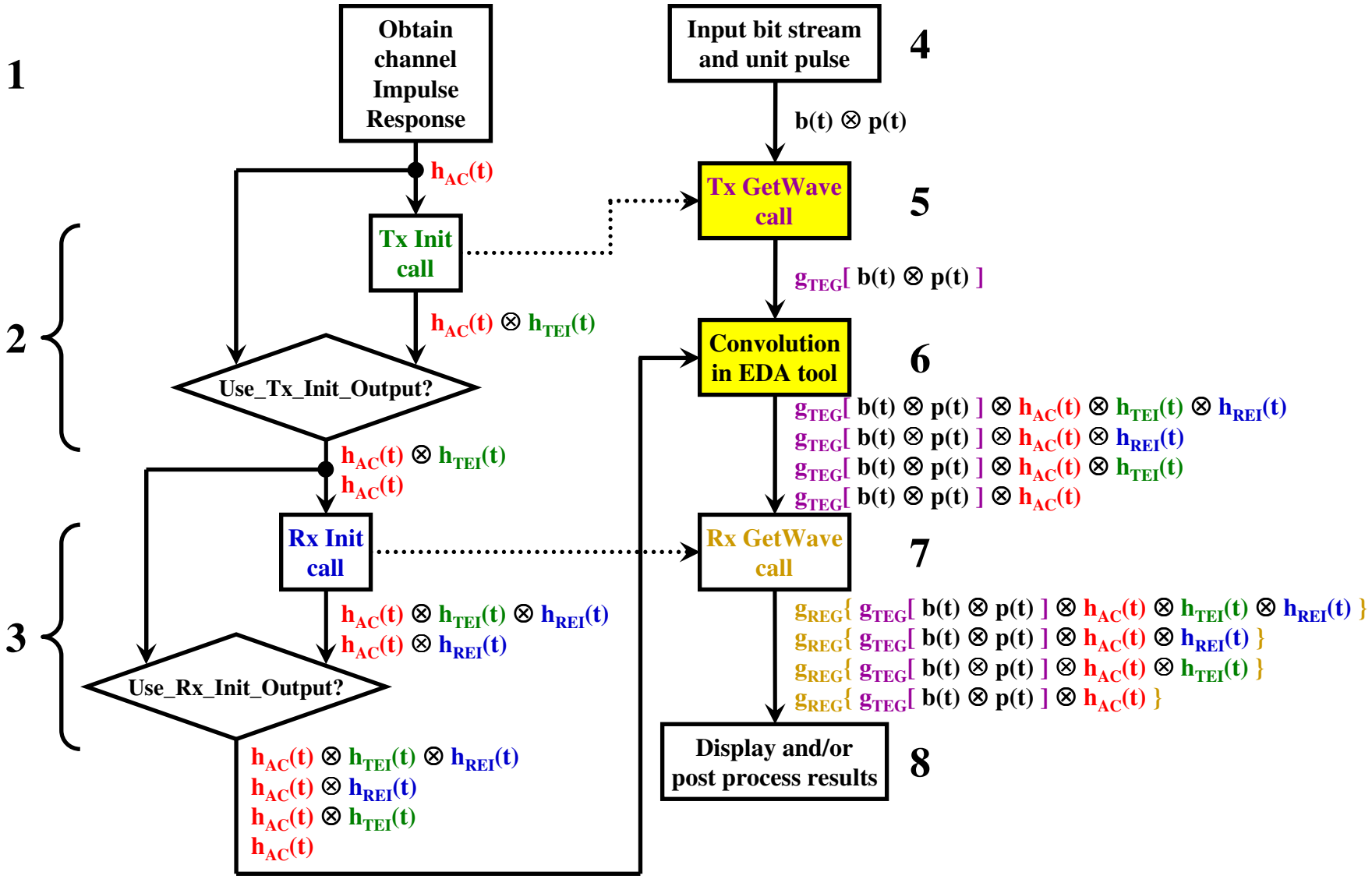
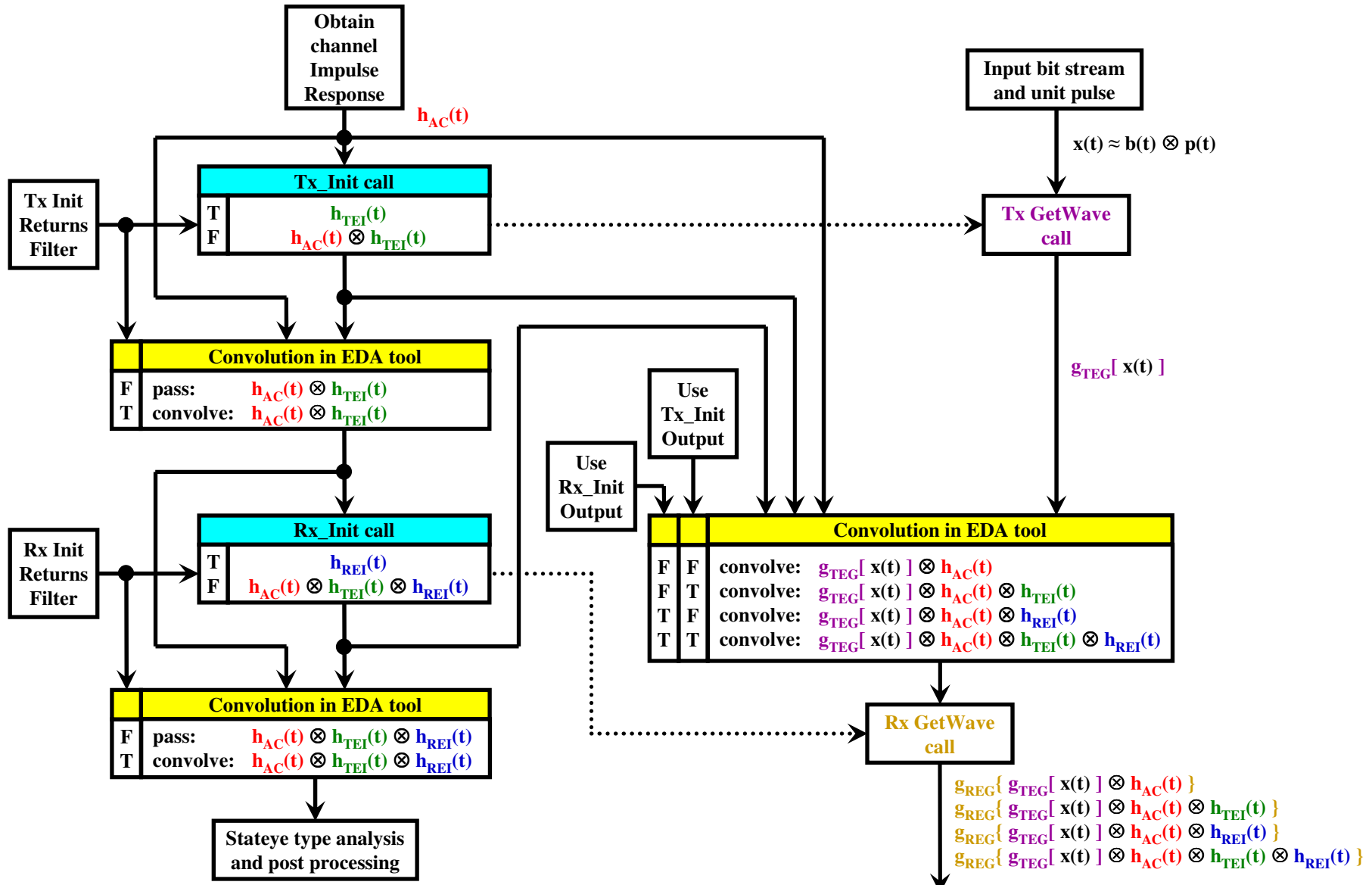
Current AMI Flow (based on the IBIS v5.0 specification)



Proposed AMI Flow (based on Walter's email on 9/8/2009)



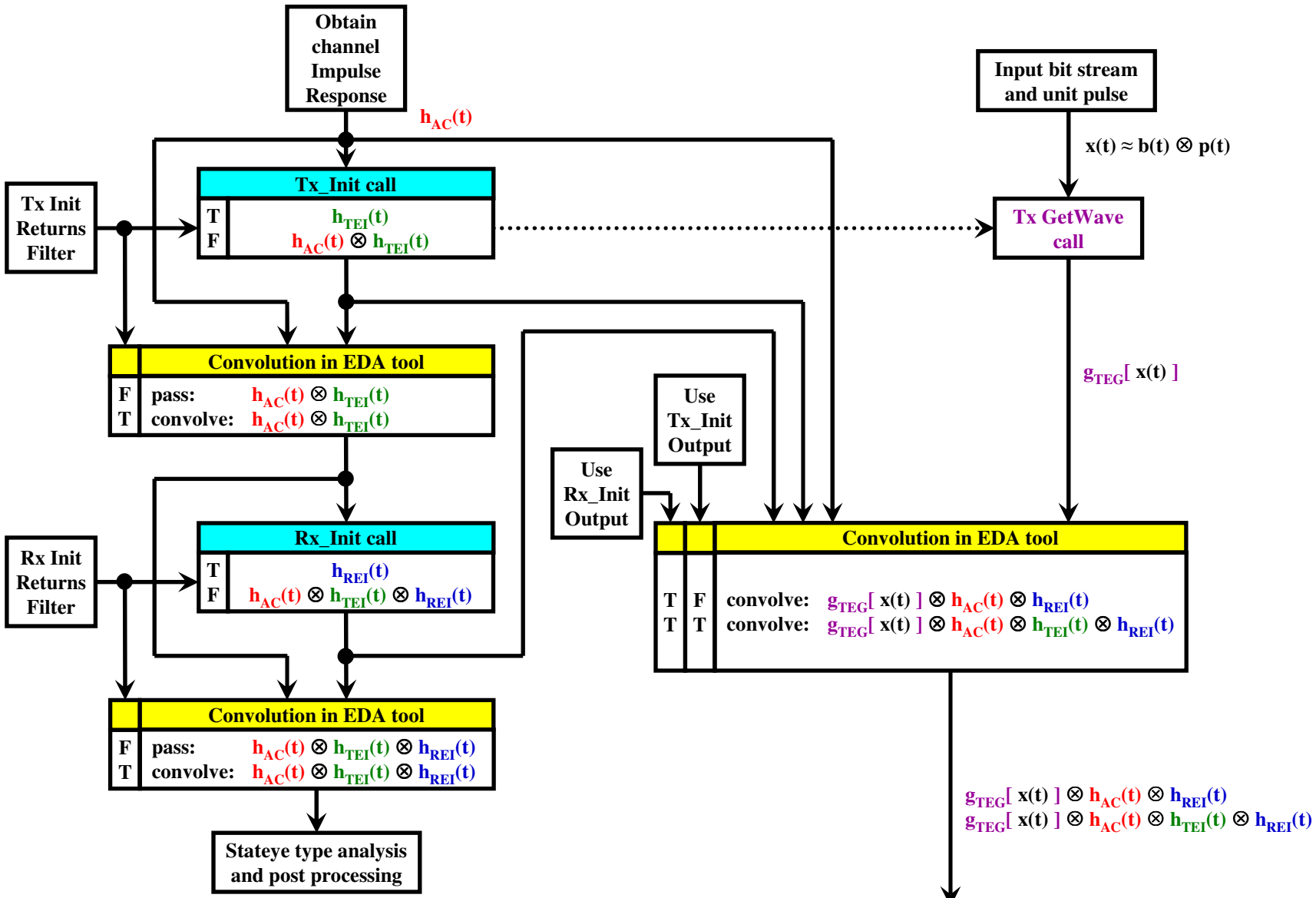
Walter's Proposed AMI Flow (9/15/2009) - complete



Notes:

1. *If the Tx Use_Init_Output is true, Tx_Init_Returns_Filter must be true or it must be fed into the convolution box on the right*
2. *If the Rx Use_Init_Output is true, Rx_Init_Returns_Filter must be true or it must be fed into the convolution box on the right*

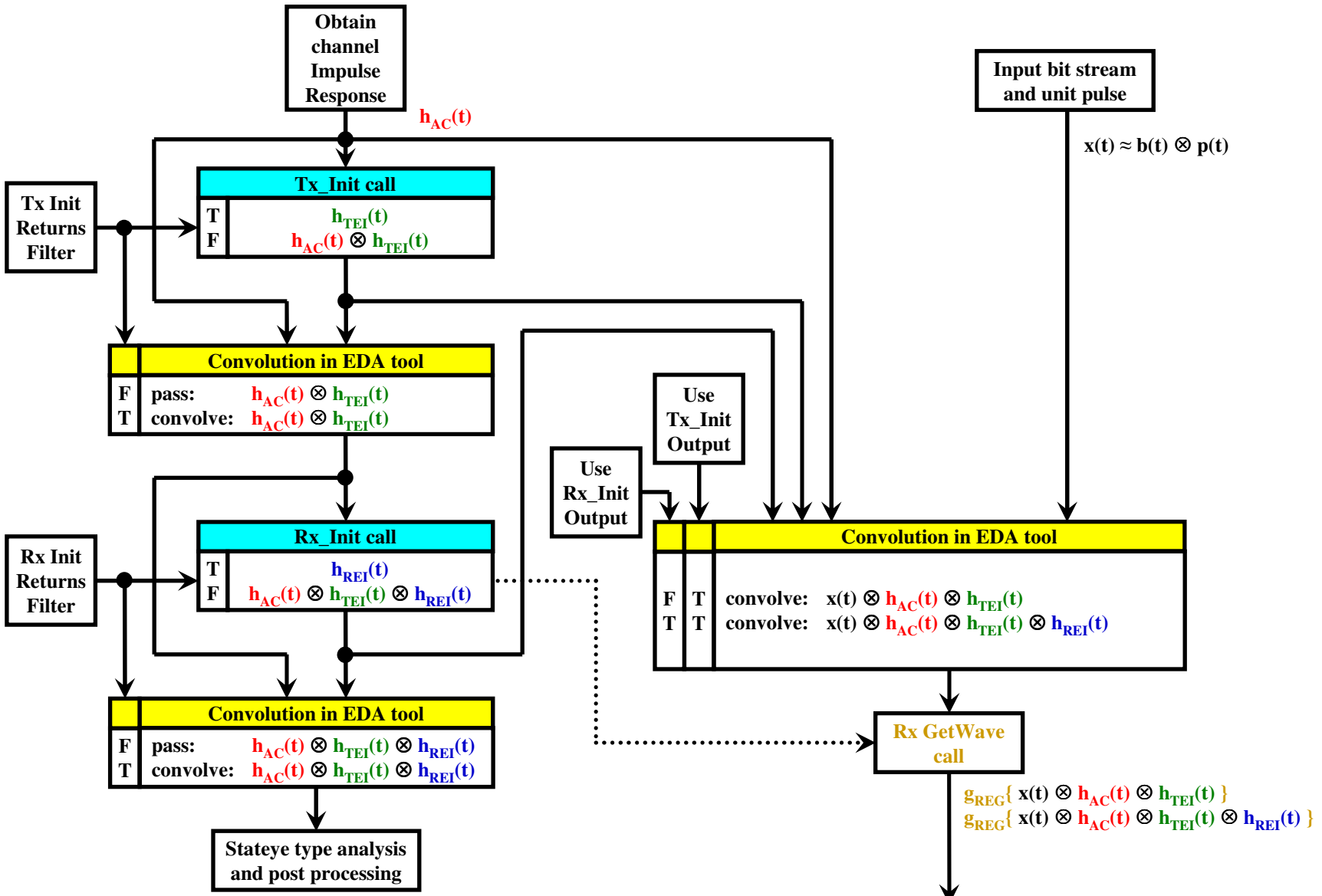
Walter's Proposed AMI Flow (9/15/2009) - only Tx_GetWave



Notes:

1. *Rx Use_Init_Output must be true, and consequently Rx_Init_Returns_Filter must be true or fed into the convolution box on the right*
2. *If the Tx Use_Init_Output is true, Tx_Init_Returns_Filter must be true or it must be fed into the convolution box on the right*

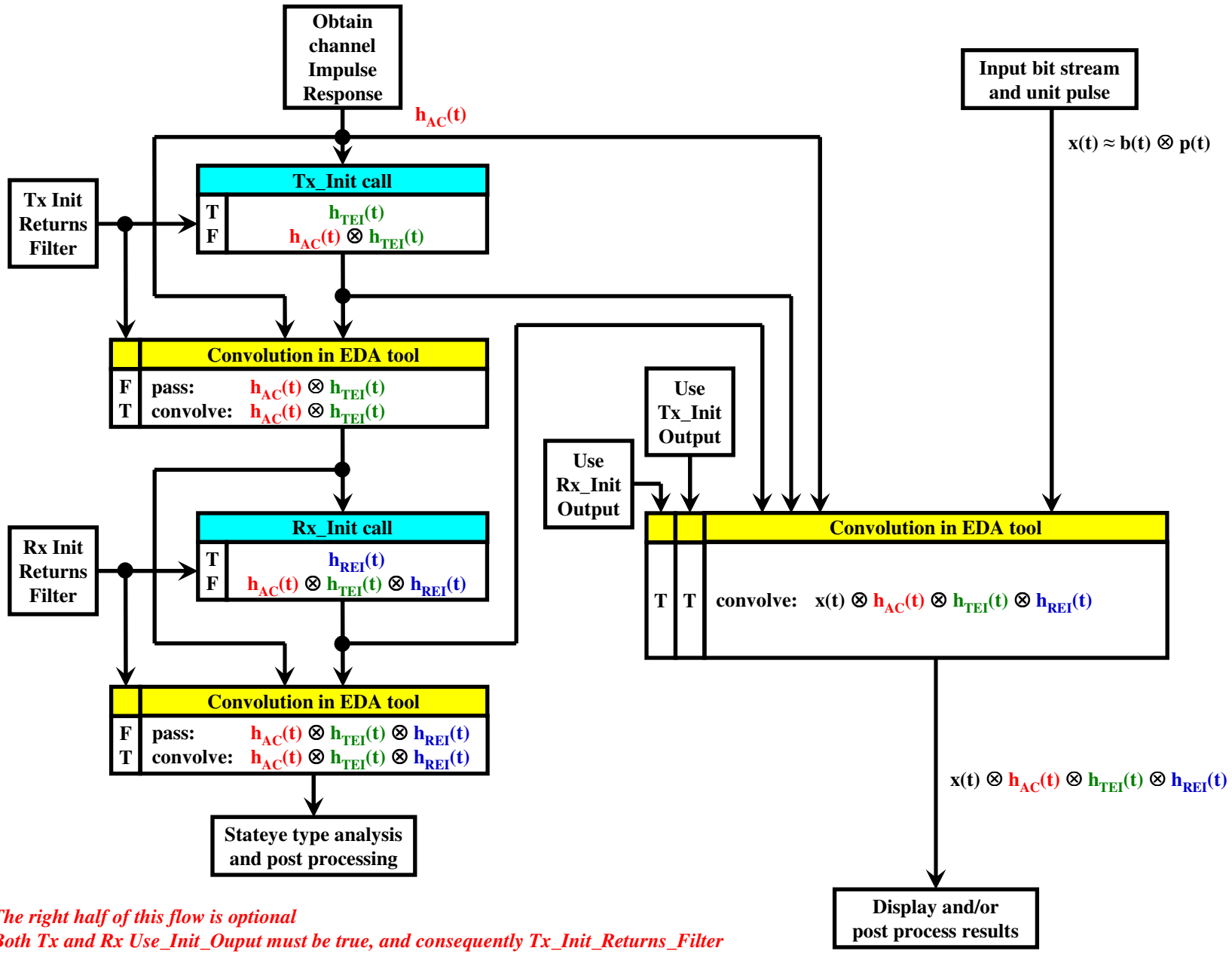
Walter's Proposed AMI Flow (9/15/2009) - only Rx_GetWave



Notes:

1. *Tx Use_Init_Output must be true, and consequently Tx_Init_Returns_Filter must be true or fed into the convolution box on the right*
2. *If the Rx Use_Init_Output is true, Rx_Init_Returns_Filter must be true or it must be fed into the convolution box on the right*

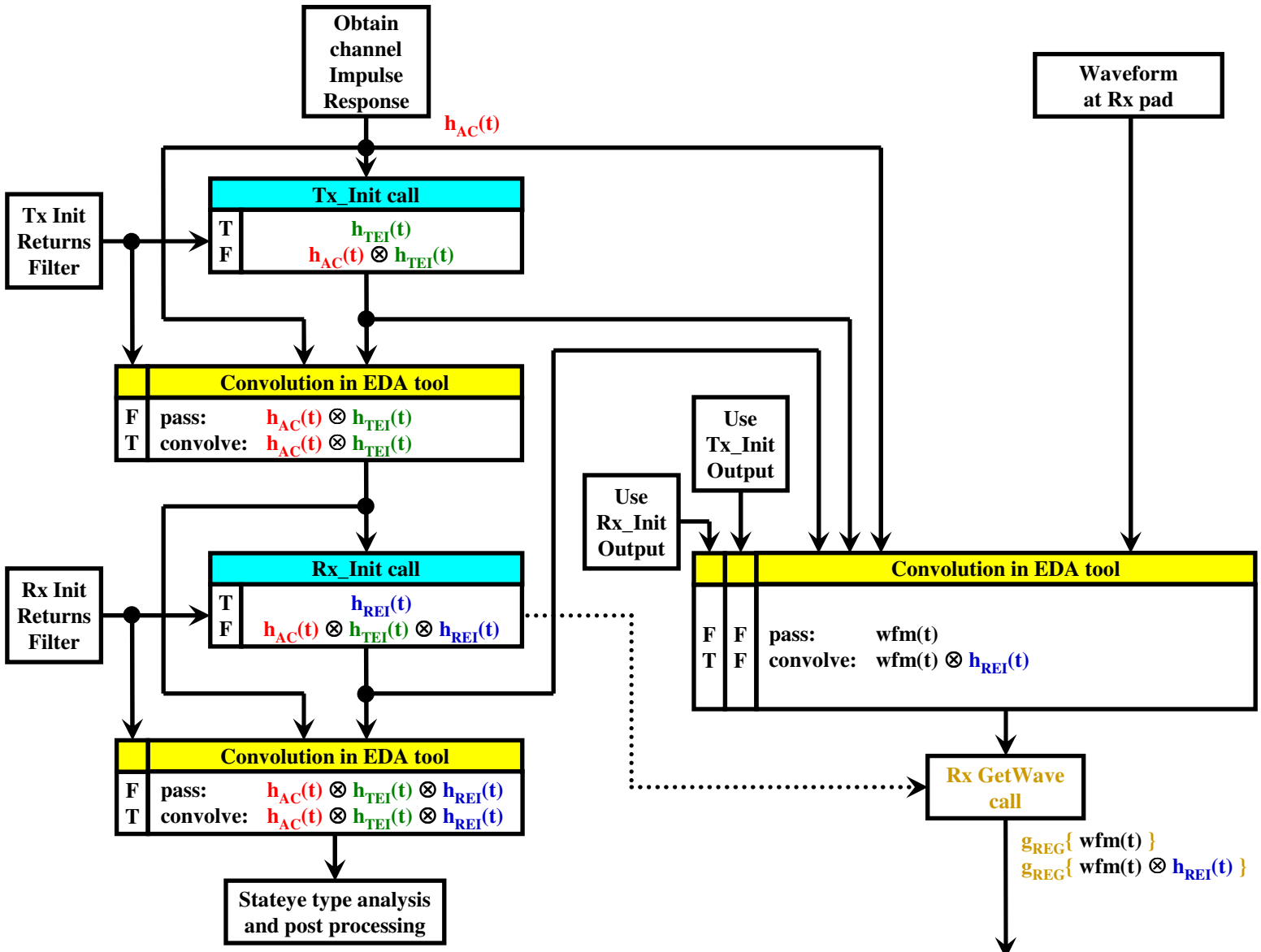
Walter's Proposed AMI Flow (9/15/2009) - no GetWave



Notes:

1. *The right half of this flow is optional*
2. *Both Tx and Rx Use_Init_Ouput must be true, and consequently Tx_Init_Returns_Filter and Rx_Init_Returns_Filter must be true or fed into the convolution box on the right*

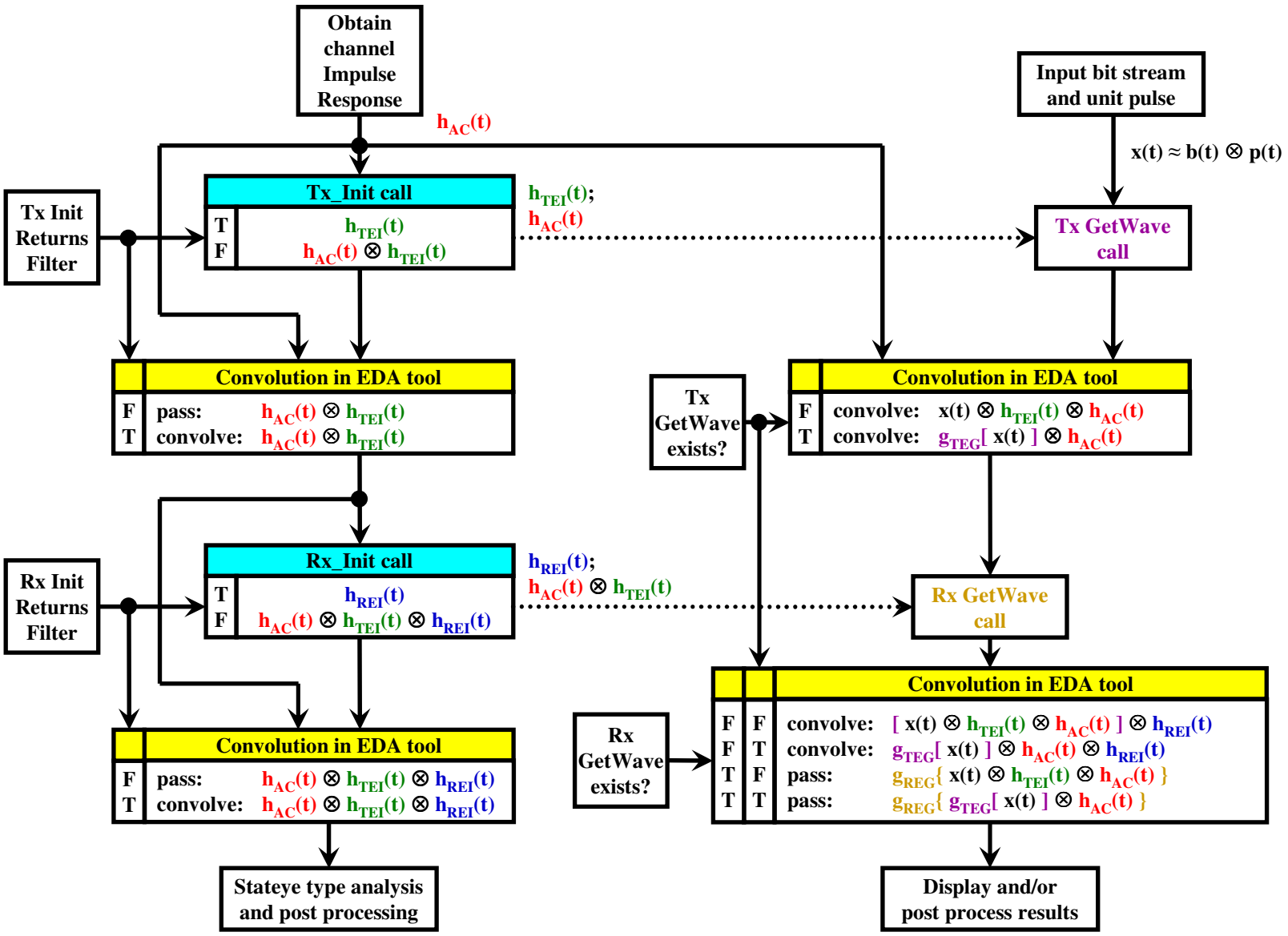
Walter's Proposed AMI Flow (9/15/2009) - wfm with Rx_GetWave



Notes:

1. *Tx Use_Init_Output must be false in this flow*
2. *Tx _Init is only there because it is required by the specification*
3. *If the Rx Use_Init_Output is true, Rx_Init_Returns_Filter must be true or it must be fed into the convolution box on the right*

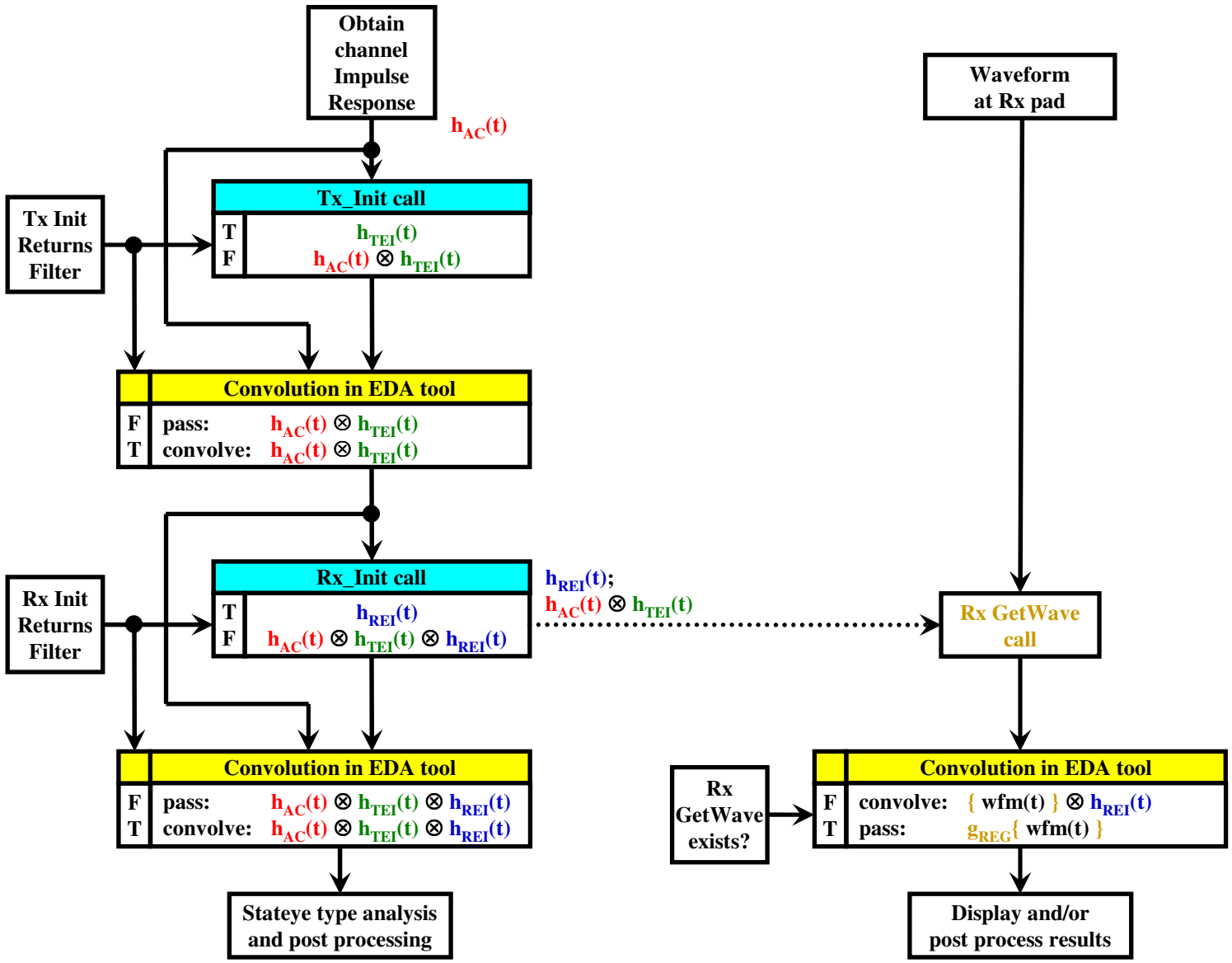
AMI Flow Proposed in the 9/29/2009 ATM meeting - complete



Notes:

1. *When a GetWave function does not exist, all of its inputs are passed on to the EDA convolution box that follows it*
2. *The Tx GetWave function must not incorporate $h_{AC}(t)$ in its algorithms since the EDA tool will convolve that with the output of Tx GetWave*
3. *The Rx GetWave function must not incorporate $h_{AC}(t) \otimes h_{TEI}(t)$ in its algorithms since that was already included in the Tx GetWave and/or the EDA convolution box before the Rx GetWave call*

AMI Flow Proposed in the 9/29/2009 ATM meeting - wfm with Rx_GetWave



Notes:

1. *When the Rx GetWave function does not exist, all of its inputs are passed on to the EDA convolution box that follows it*
2. *The Rx GetWave function must not incorporate $h_{AC}(t) \otimes h_{TEI}(t)$ in its algorithms since the effects of the Tx equalizer and the channel are already included in the imported Rx pad waveform*