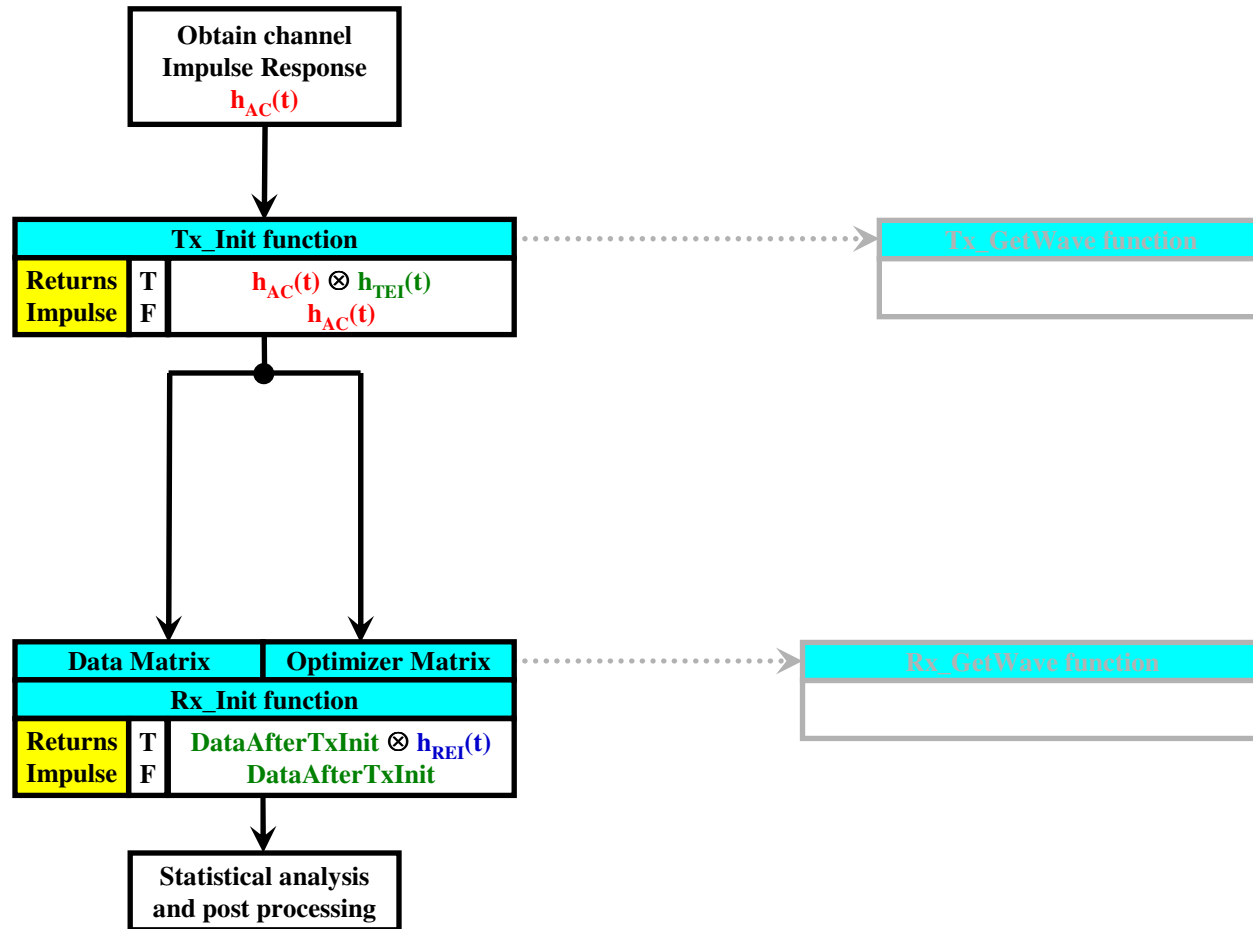


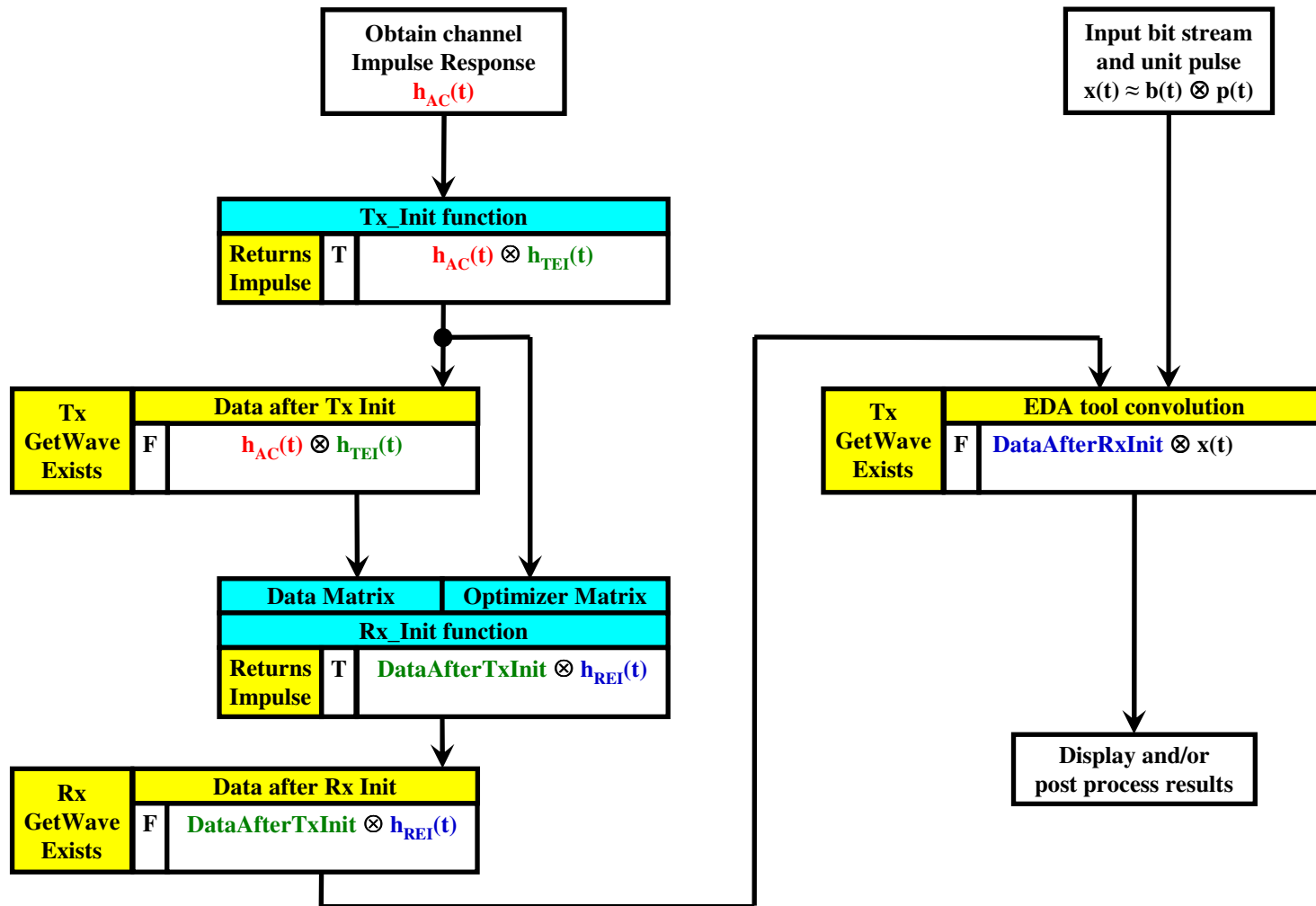
AMI flow #9 - statistical simulations



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

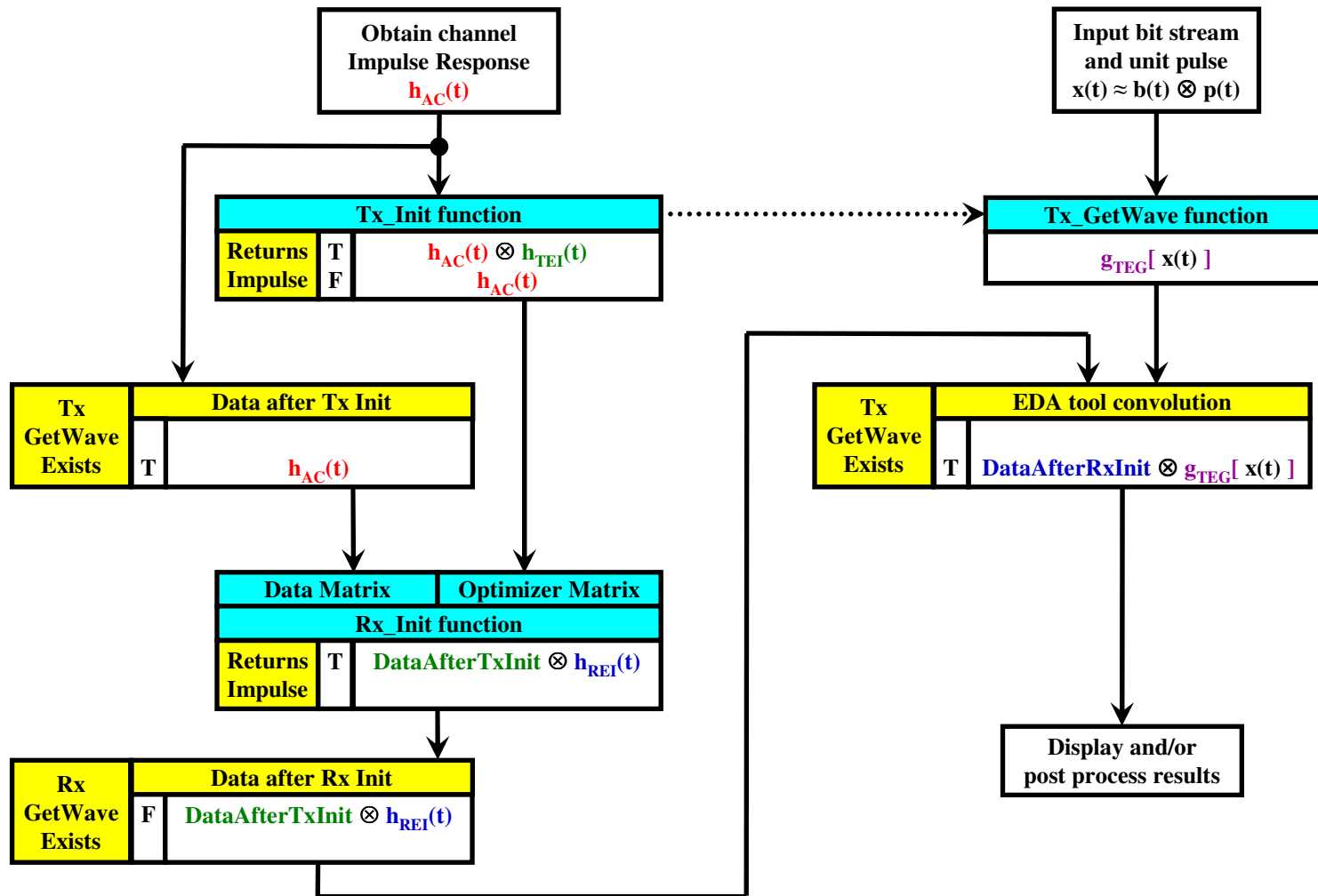
AMI flow #9 - TD simulations without GetWave



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

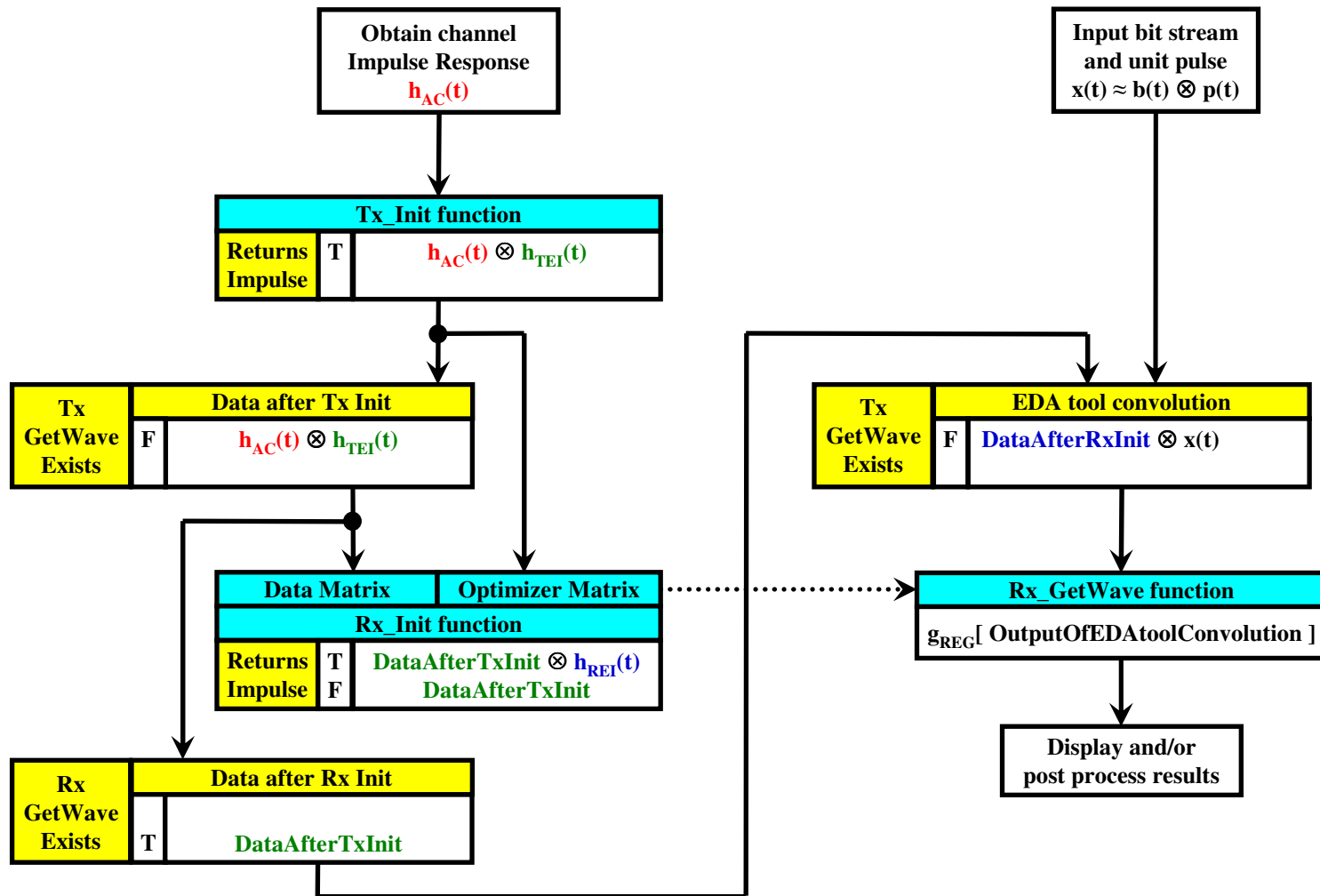
AMI flow #9 - TD simulations with Tx GetWave only



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

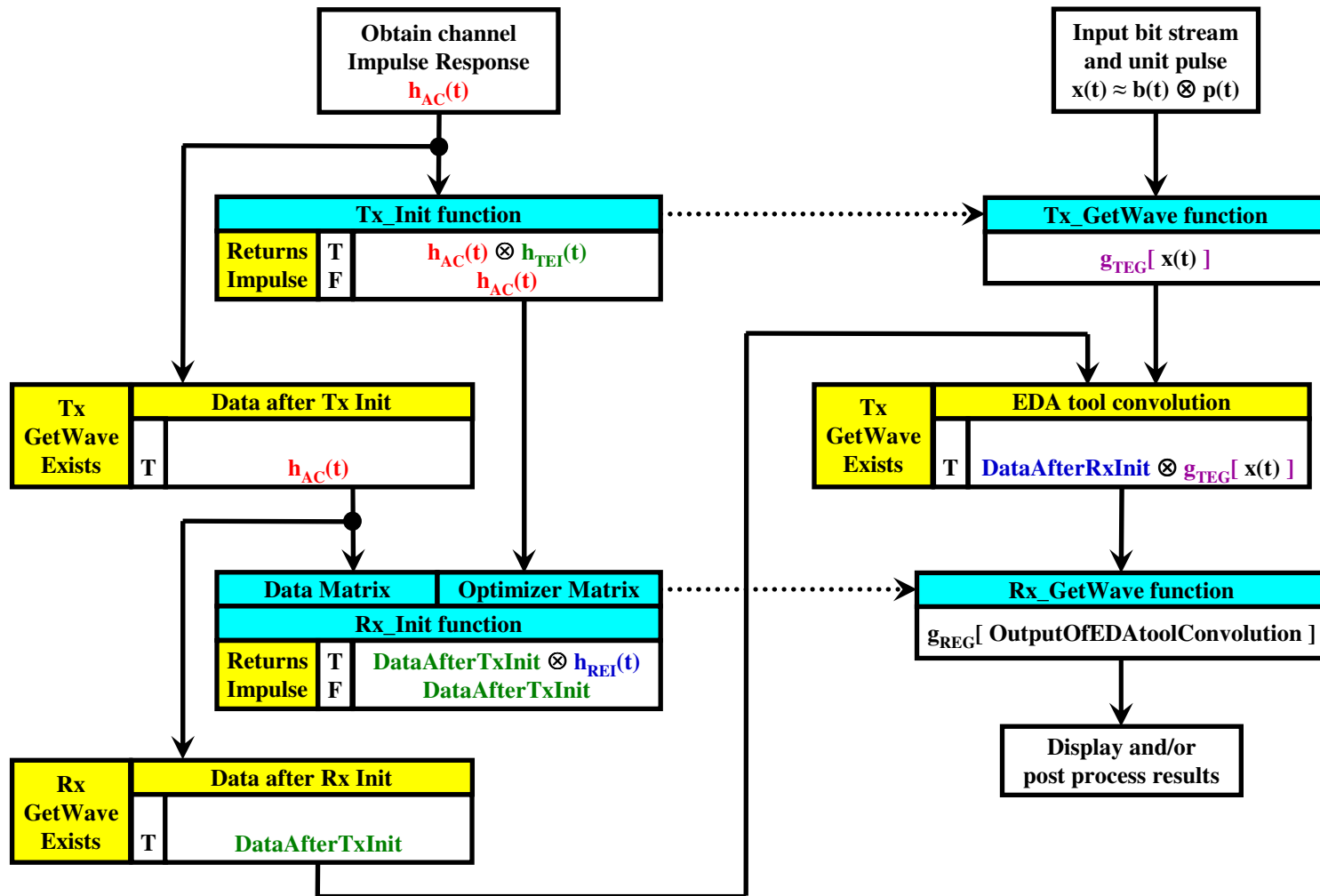
AMI flow #9 - TD simulations with Rx GetWave only



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

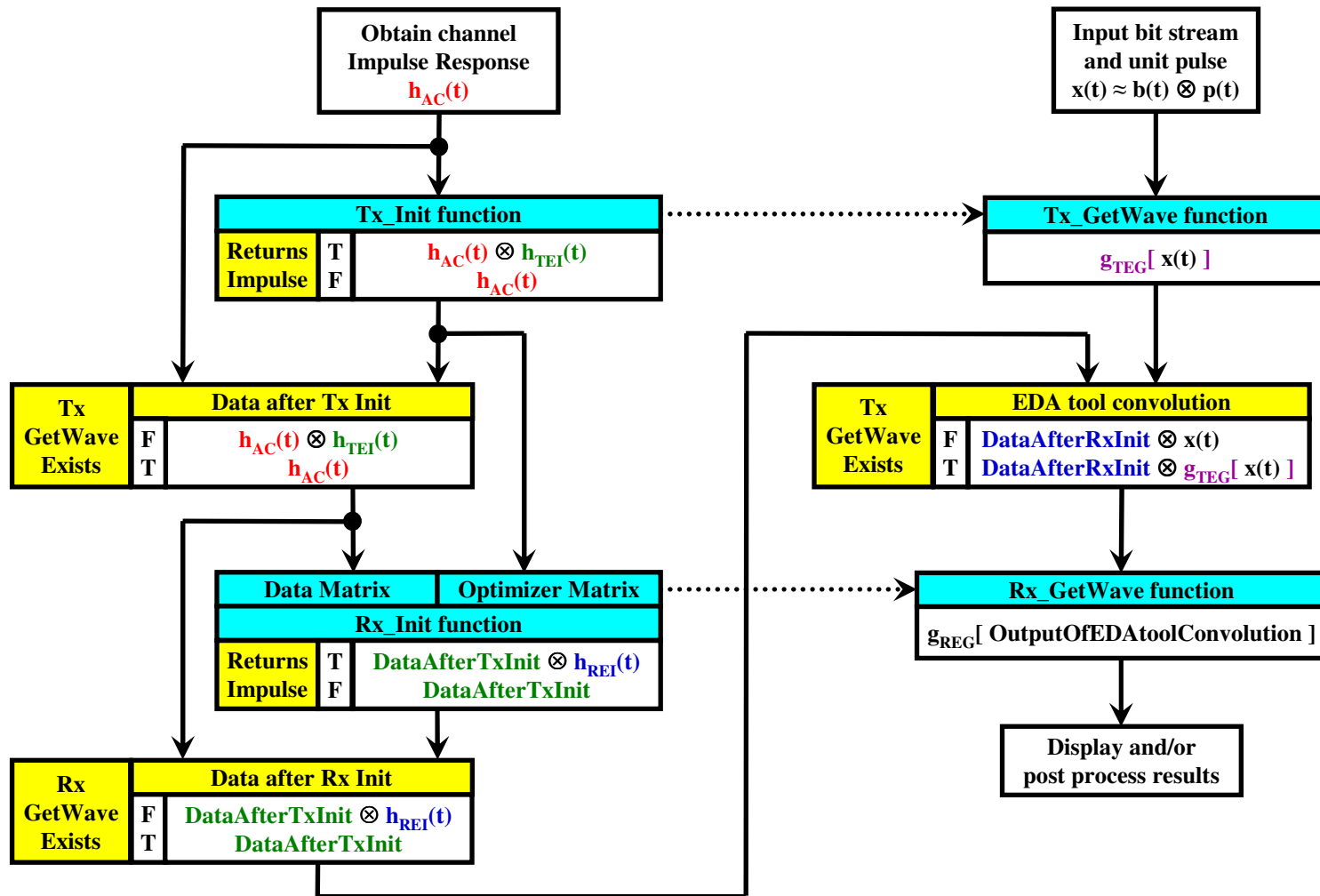
AMI flow #9 - TD simulations with both GetWaves



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

AMI flow #9 - all in one for TD simulations



Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

Truth table for statistical simulations

Tx GetWave Exists	Tx Init Returns Impulse	Rx GetWave Exists	Rx Init Returns Impulse	Expected input to statistical analysis and post processing
X	T	X	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t)$
X	T	X	F	$h_{AC}(t) \otimes h_{TEI}(t)$
X	F	X	T	$h_{AC}(t) \otimes h_{REI}(t)$
X	F	X	F	$h_{AC}(t)$

slide 1
slide 1
slide 1
slide 1

Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored

Truth table for TD simulations

Tx GetWave Exists	Tx Init Returns Impulse	Rx GetWave Exists	Rx Init Returns Impulse	Expected TD simulation results	
F	T	F	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t) \otimes x(t)$	slide 2
F	T	T	X	$g_{REG}[h_{AC}(t) \otimes h_{TEI}(t) \otimes x(t)]$	slide 4
T	X	F	T	$h_{AC}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 3
T	X	T	X	$g_{REG}[h_{AC}(t) \otimes g_{TEG}[x(t)]]$	slide 5

Notes:

1. When *GetWave_Exists* = FALSE, *Init_Returns_Impulse* must be TRUE
2. For statistical simulations *GetWave_Exists* is ignored