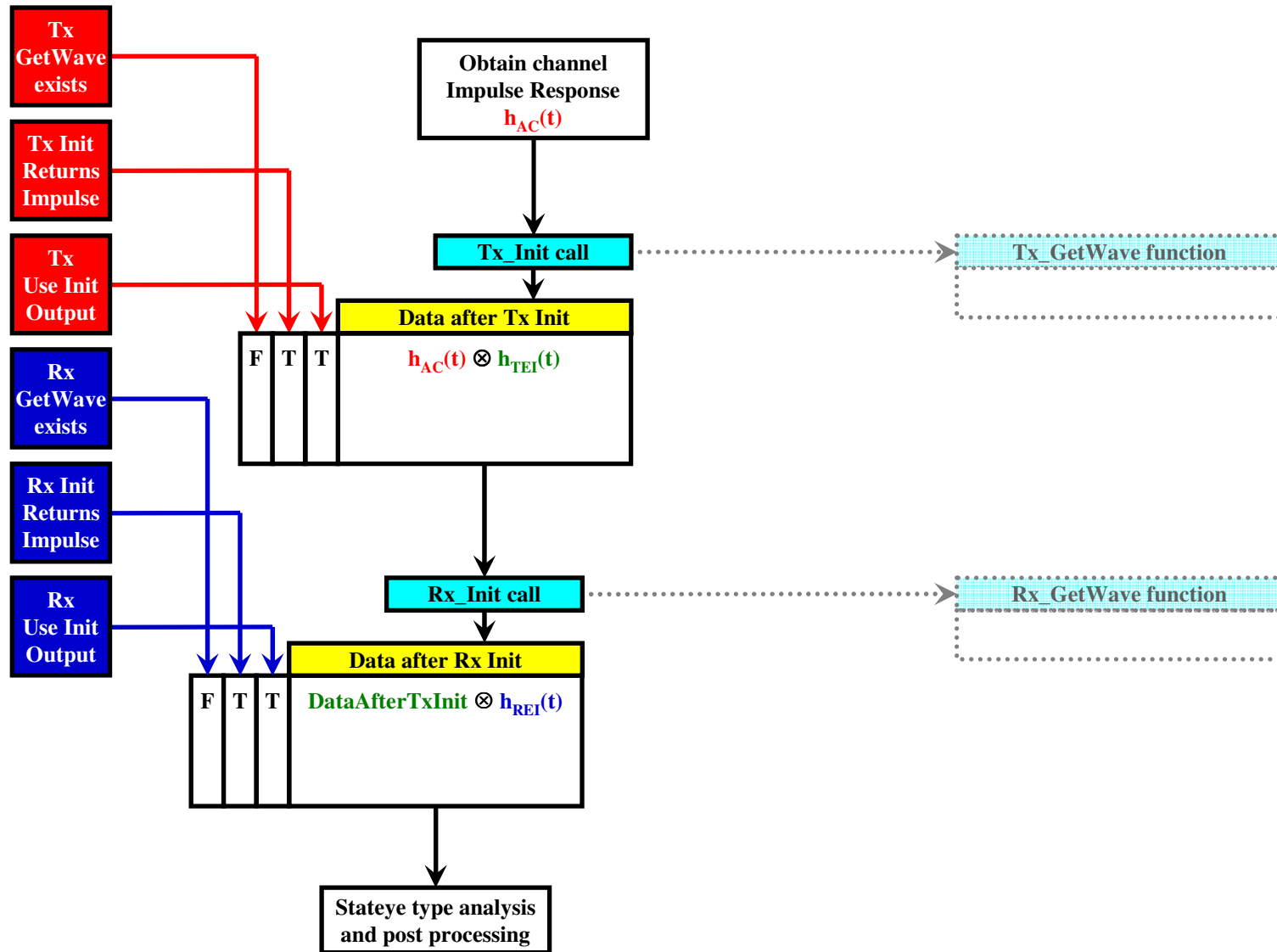


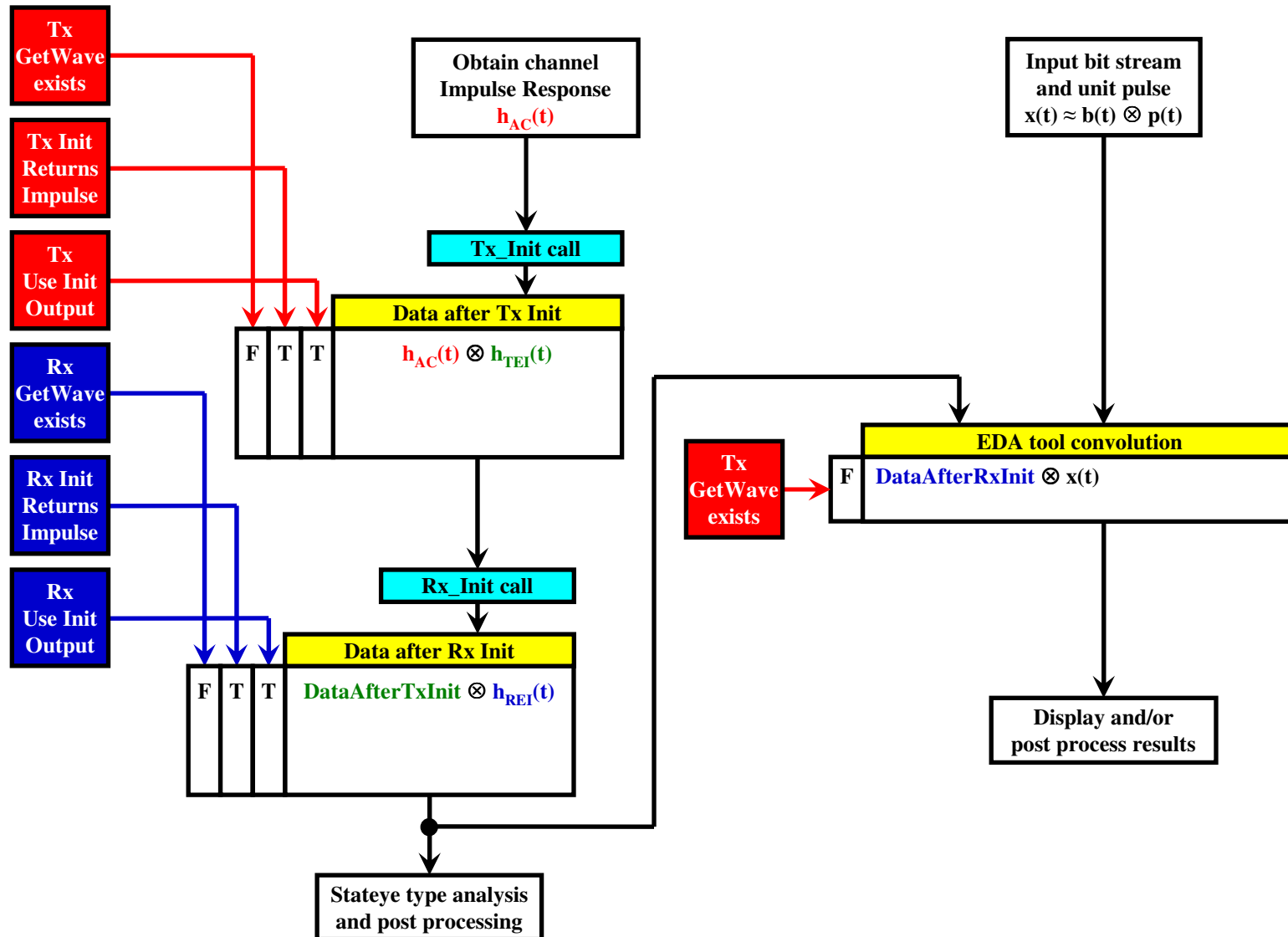
## AMI flow #7 - statistical simulation only



### Notes:

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

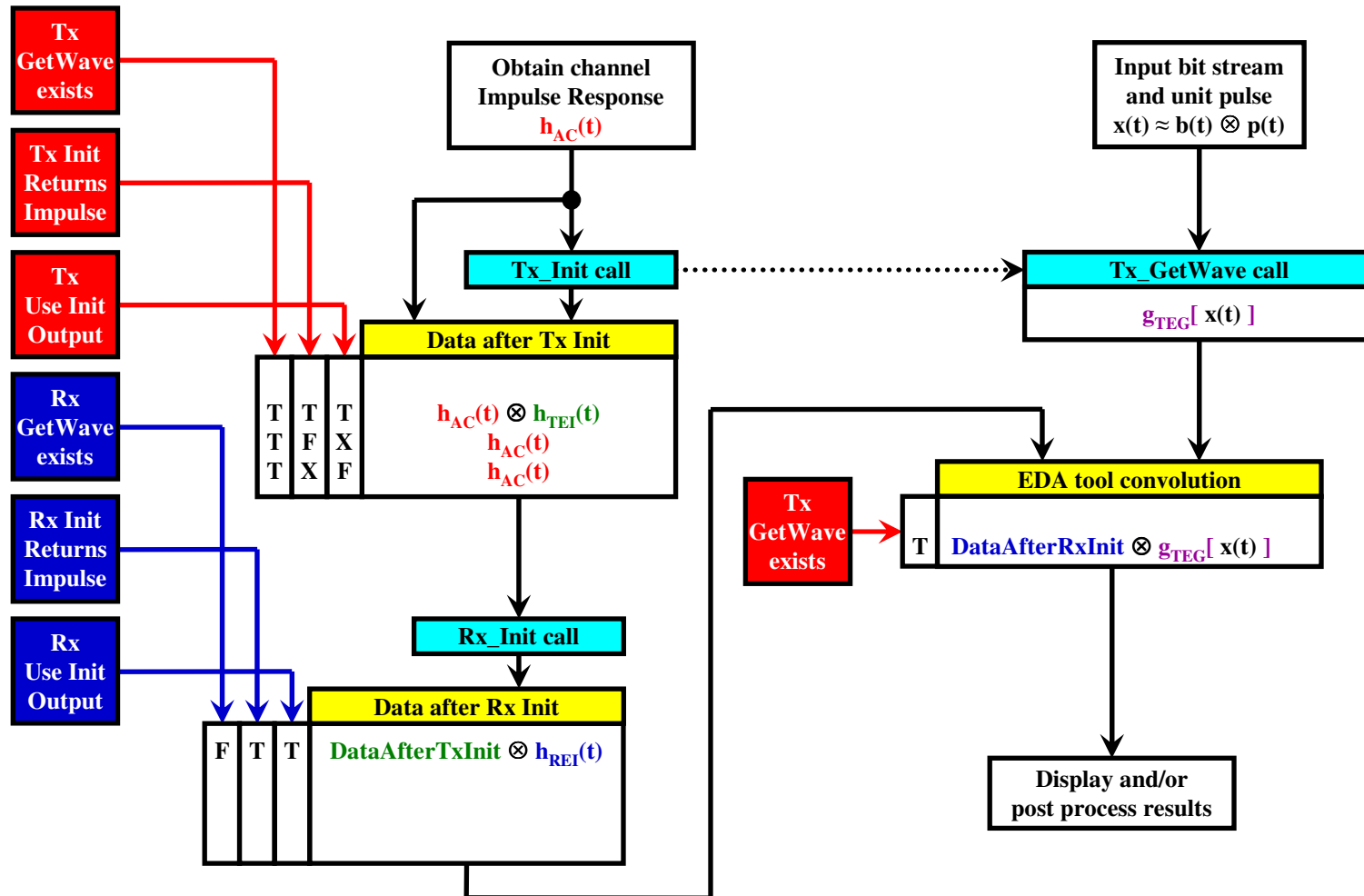
# AMI flow #7 - statistical and TD simulations without GetWave



**Notes:**

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

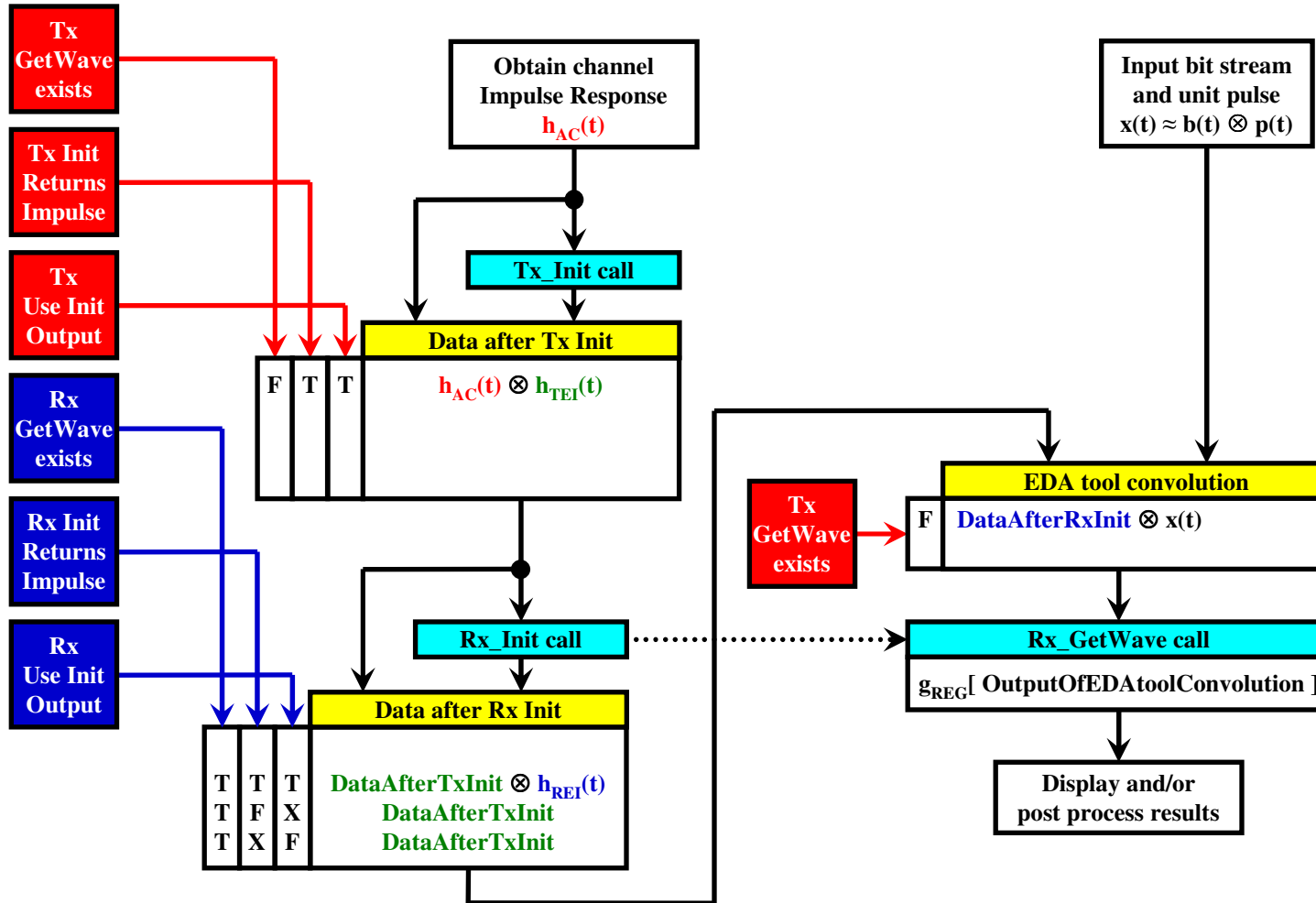
# AMI flow #7 - TD simulations with Tx GetWave only



Notes:

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

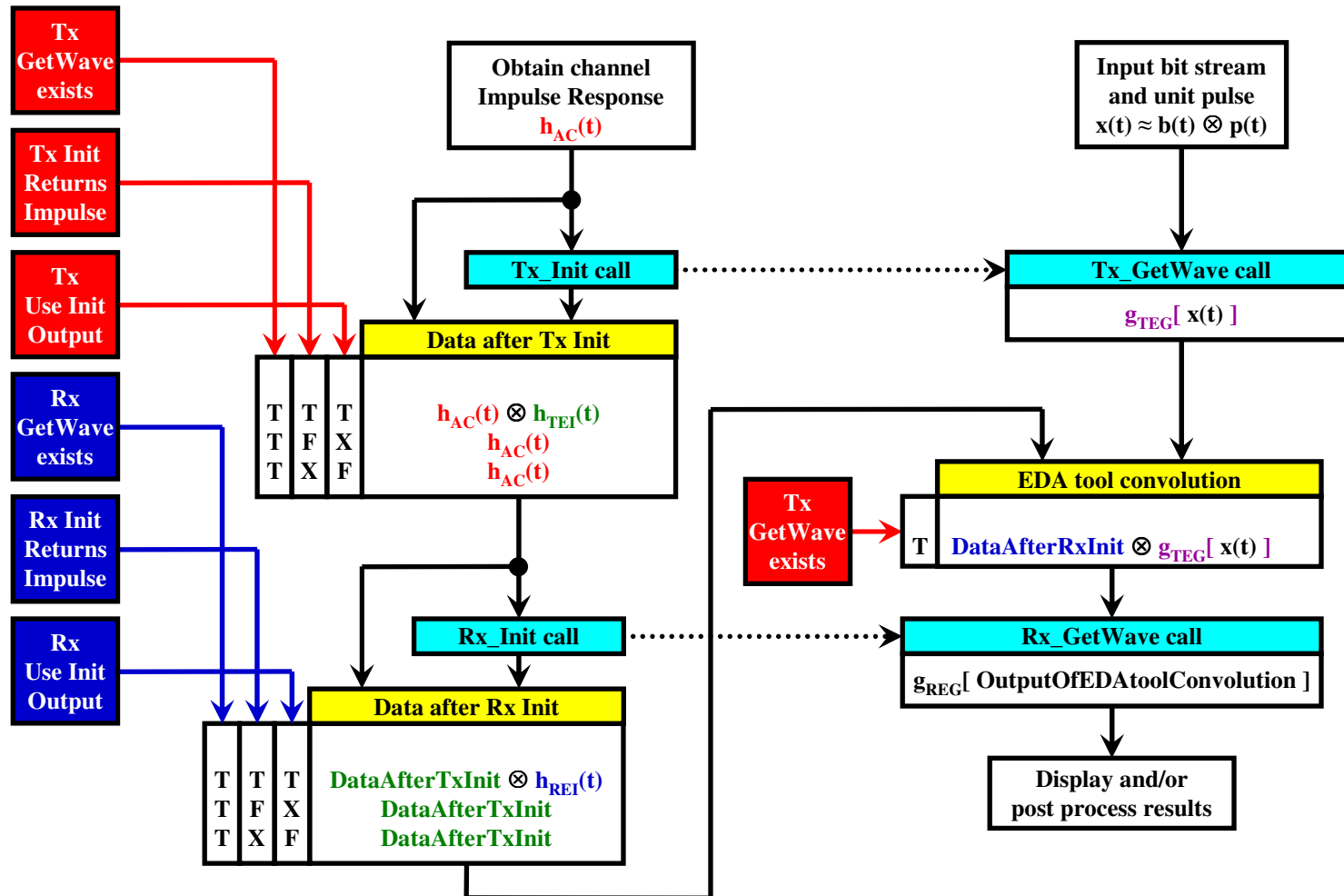
## AMI flow #7 - TD simulations with Rx GetWave only



### Notes:

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

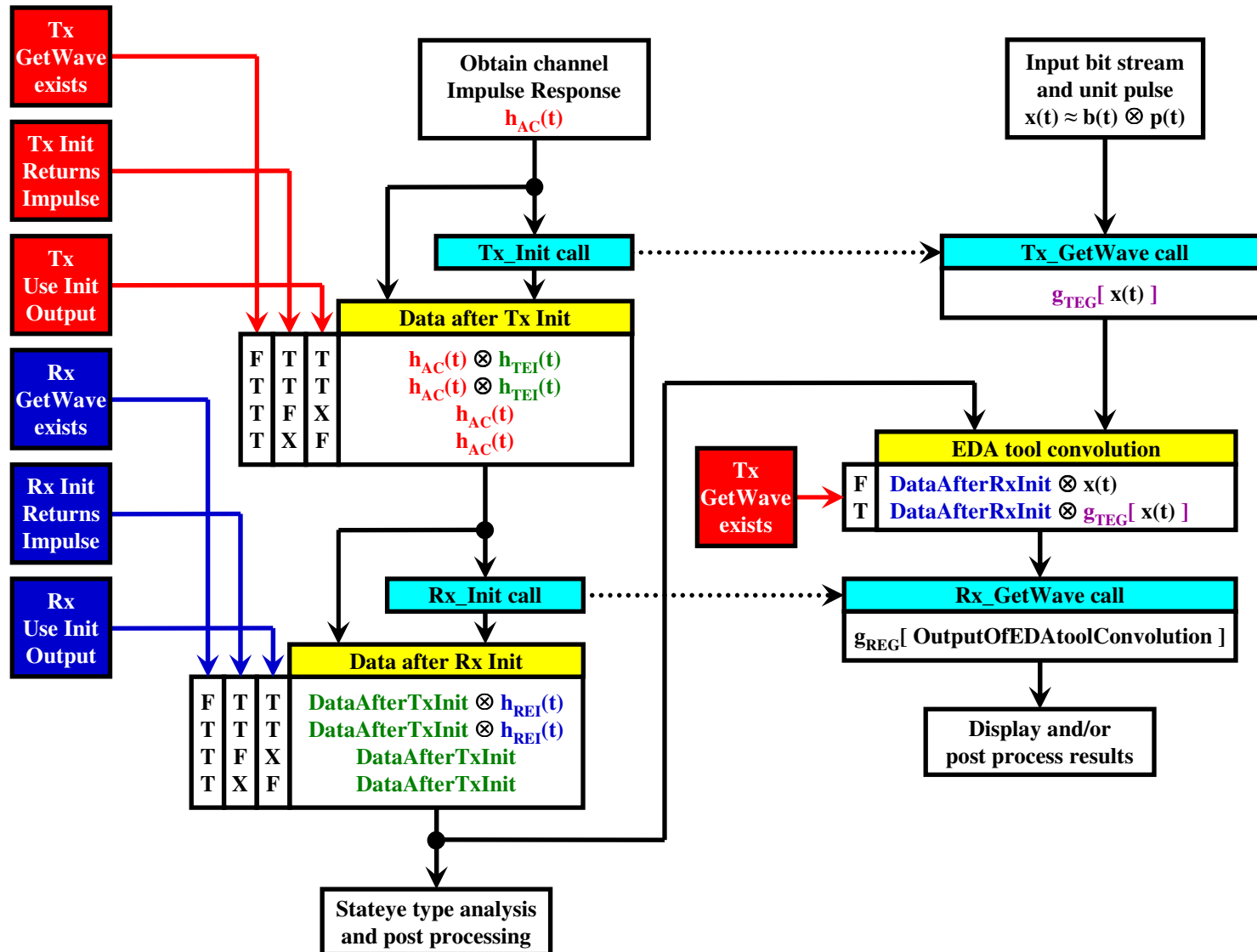
# AMI flow #7 - TD simulations with both GetWaves



**Notes:**

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

# AMI flow #7 - all in one



**Notes:**

1. When *GetWave\_Exists* = FALSE, both *Use\_Init\_Output* and *Init\_Returns\_Impuse* must be TRUE
2. For statistical simulations both *GetWave\_Exists* are always treated as FALSE, no matter how it is declared in the model
3. *Use\_Init\_Output* is optional. If not declared it defaults to TRUE.

# Truth table

Tx GetWave Exists	Tx Init Returns Impulse	Tx Use Init Output	Rx GetWave Exists	Rx Init Returns Impulse	Rx Use Init Output	Expected output from the EDA tool convolution box	
F	T	T	F	T	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t) \otimes x(t)$	slide 2
F	T	T	T	T	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t) \otimes x(t)$	slide 4
F	T	T	T	F	X	$h_{AC}(t) \otimes h_{TEI}(t) \otimes x(t)$	slide 4
F	T	T	T	X	F	$h_{AC}(t) \otimes h_{TEI}(t) \otimes x(t)$	slide 4
T	T	T	F	T	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 3
T	T	T	T	T	T	$h_{AC}(t) \otimes h_{TEI}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	T	T	T	F	X	$h_{AC}(t) \otimes h_{TEI}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	T	T	T	X	F	$h_{AC}(t) \otimes h_{TEI}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	F	X	F	T	T	$h_{AC}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 3
T	F	X	T	T	T	$h_{AC}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	F	X	T	F	X	$h_{AC}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	F	X	T	X	F	$h_{AC}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	X	F	F	T	T	$h_{AC}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 3
T	X	F	T	T	T	$h_{AC}(t) \otimes h_{REI}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	X	F	T	F	X	$h_{AC}(t) \otimes g_{TEG}[x(t)]$	slide 5
T	X	F	T	X	F	$h_{AC}(t) \otimes g_{TEG}[x(t)]$	slide 5