

- relation3Parameter: here you set the frequency, load the packet, and turn on the radio (and you should also set the timer DURATION_tt2)
guard: isrllee154eTimer_isPresent
output: setTimer = DURATION_tt2
- relation4Parameter:
- relation5Parameter: here you set the timer DURATION_tt3 and tell the radio to start transmitting
guard: isrllee154eTimer_isPresent
output: setTimer=DURATION_tt3
- relation6Parameter: when receive a frame, you HAVE TO cancel timer tt3 and set timer DURATION_tt4
guard: isSync==true && isrllee154eStartOfFrame_isPresent
output: setTimer=DURATION_tt4
- relation7Parameter: when the timer tt3 goes off, if nothing else happened
guard: ! isrllee154eStartOfFrame_isPresent && isrllee154eTimer_isPresent
- relationParameter: don't need to wait for ACK
guard: isrllee154eTimer_isPresent && isSync==true && dataToSendIsBroadcastOrMulticast
output: resetTimer=true
- relation8Parameter: when timer tt4 goes off and you have't finished to send the packet-> ERROR
guard: ! isrllee154eEndOfFrame_isPresent && isrllee154eTimer_isPresent
output: failure = true
- relation10Parameter: if it is not synchronized anymore
guard: isrllee154eTimer_isPresent && isSync == false && isrllee154eEndOfFrame_isPresent
- relation21Parameter: take ownership of the packet (? COMPONENT_IEEE802154E)
guard: isAckReceived_isPresent && ! isValidPacket
- relation19Parameter: error
guard: ! isAckReceived_isPresent

- relation15Parameter: if timer DURATION_tt7 goes off, there is an error... check COMPONENT_RES_TO_IEEE802154E;
guard: isrllee154eTimer_isPresent
output: failure= I2_retriesLeft==0 ? true : false
- relation16Parameter: cancel timer; schedule DURATION_tt8
guard: isSync==true && isrllee154eStartOfFrame_isPresent
output: setTimer=DURATION_tt8
- relation17Parameter: if DURATION_tt8 goes off cancel timers, no ack, abort
guard: isrllee154eTimer_isPresent
output: failure = true
- relation9Parameter: here you have set tt5, turn off radio (radio_rfOff)
guard: isrllee154eTimer_isPresent && isSync==true && ! dataToSendIsBroadcastOrMulticast
output: setTimer = DURATION_tt5
- relation11Parameter: successfully sent a packet; cancel any timer
guard: dataToSendIsBroadcastOrMulticast
output: outPacket = true
- relation12Parameter: Turn on radio in rx mode schedule DURATION_tt6
guard: isrllee154eTimer_isPresent
output: setTimer = DURATION_tt6
- relation13Parameter:
- relation14Parameter: DURATION_tt6 goes off, start listen to the radio; schedule DURATION_tt7
guard: isrllee154eTimer_isPresent
output: setTimer = DURATION_tt7
- relation18Parameter: if receive ack before DURATION_tt8 goes off; turn off the radio, capture time.
guard: isSync==true && isrllee154eEndOfFrame_isPresent
output: resetTimer = true
- relation20Parameter: take ownership of the packet (? COMPONENT_IEEE802154E)
guard: isAckReceived_isPresent && isValidPacket
output: outPacket = true

