Attacker

emptyset))),skSE_50917)

~M_52496 = senc(a1_50915,mac(a1_50915,kdf(cellidSource_50911, kdf(cellidSource_50911,ue1KeyAKA_50912))),kdf(
cellidSource_50911,kdf(cellidSource_50911,ue1KeyAKA_50912)))

~M_52524 = sign((kdf(cellidSource_50913,kdf(cellidSource_50913, ue1KeyAKA_50912)),consset(a1_50915,consset(a2_50916, emptyset))),skSE_50917)

{1}new a1_50915 {2}new a2_50916 (3)new ue1KeyAKA_50912 {4}new ue2KeyAKA_50931 {5}new skSE_50917 {6}new skMME_50932 {10}new skTE_52131 {10}new skTE_51473 {10}new skTE_51133 {10}new skTE_51797 {12}new cellidSource_50914 {12}new cellidSource_50911 {12}new cellidSource_50913 {12}new cellidSource_51168 {14}new cellidTarget_51542 {14}new cellidTarget_52200 {14}new cellidTarget_51203 {14}new cellidTarget_51866 Beginning of process SeNodeB(consset(a1_50915, consset(a2_50916,emptyset)), kdf(cellidSource_50911, ue1KeyAKA_50912), cellidSource_50911, skSE_50917, spk(skTE_51797)) Beginning of process SeNodeB(consset(a1_50915, consset(a2_50916,emptyset)), kdf(cellidSource_51168, ue1KeyAKA_50912), cellidSource_51168, skSE_50917, spk(skTE_51133)) Beginning of process MME(kdf(kdf(cellidSource_50911, ue1KeyAKA_50912), ue1KeyAKA_50912), kdf(cellidSource_50911, ue1KeyAKA_50912), skMME_50932, spk(skTE_51797)) Beginning of process MME(kdf(kdf(cellidSource_51168, ue1KeyAKA_50912), ue1KeyAKA_50912), kdf(cellidSource_51168, ue1KeyAKA_50912), skMME_50932, spk(skTE_51133)) Beginning of process UE(consset(a1_50915,consset(a2_50916,emptyset)), kdf(cellidSource_50911,ue1KeyAKA_50912), cellidSource_50911) Beginning of process TeNodeB(cellidTarget_51203, kdf(cellidSource_51168,ue1KeyAKA_50912), skTE_51133, spk(skSE_50917), spk(skMME_50932)) Beginning of process SeNodeB(consset(a1_50915, consset(a2_50916,emptyset)), kdf(cellidSource_50913, ue1KeyAKA_50912), cellidSource_50913, skSE_50917, spk(skTE_51473)) Beginning of process MME(kdf(kdf(cellidSource_50913, ue1KeyAKA_50912), ue1KeyAKA_50912), kdf(cellidSource_50913, ue1KeyAKA_50912), skMME_50932, spk(skTE_51473)) {24}new radioSignal_52125 {25}new PCI_52126 {55}event TNReceivesHORequestFromSE(cellidTarget_51203) {26}event UESendsMeasurementReport(radioSignal_52125, PCI_52126) Beginning of process SeNodeB(consset(a1_50915, consset(a2_50916,emptyset)), kdf(cellidSource_50914, ue1KeyAKA_50912), cellidSource_50914, skSE_50917, spk(skTE_52131)) Beginning of process MME(kdf(kdf(cellidSource_50914, ue1KeyAKA_50912), ue1KeyAKA_50912), kdf(cellidSource_50914, ue1KeyAKA_50912), skMME_50932, spk(skTE_52131)) $(\sim M_52129, \sim M_52130) = (radioSignal_52125, PCI_52126)$ (a_50885,a_50886) [38] event SNSendsHORequiredToTE(cellidSource_50914) {40}event kenbstarSE(kdf(cellidSource_50914,kdf(cellidSource_50914,ue1KeyAKA_50912))) ~M_52478 1-proj-consset(2-proj-2-tuple(getmsg(~M_52478))) = a1_50915 {29}event UEReceivesHOComand(a1_50915)

{30}event UESendsMeasurementReport2(radioSignal_52125, cellidSource_50911,kdf(cellidSource_50911,ue1KeyAKA_50912)) {33}event kenbstarUE(kdf(cellidSource_50911,kdf(cellidSource_50911,ue1KeyAKA_50912))) ~M_52496 (a_50897,a_50898) {38}event SNSendsHORequiredToTE(cellidSource_50913) {40}event kenbstarSE(kdf(cellidSource_50913,kdf(cellidSource_50913,ue1KeyAKA_50912))) ~M_52524

Honest Process

{58}event kenbstarTE(kdf(cellidSource_50913,kd