Abbreviations
$\sim M_3535 = a1_3391$
\sim M_3537 = a2_3388
\sim M_3538 = emptyset
~M_3533 = cellidSource_3389
~M_3534 = cellidTarget_3497
M 3654 - sign((kdf(cellidSource 3380 kdf(cellidSource 3380

A trace has been found.

~M_3654 = sign((kdf(cellidSource_3389,kdf(cellidSource_3389, keyAKA_3390)),consset(a1_3391,consset(a2_3388, emptyset))),skSE_3392)

Honest Process Attacker {1}new a1_3391 {2}new a2_3388 {3}new keyAKA_3390 {4}new skSE_3392 {5}new skTE_3393 {6}new skMME_3394 {10}new cellidSource_3389 {11}new cellidTarget_3497 (consset(~M_3535,consset(~M_3537,~M_3538)),~M_3533, $\sim M_3534)$ Beginning of process UE(consset(a1_3391,consset(a2_3388,emptyset)), kdf(cellidSource_3389,keyAKA_3390), cellidSource_3389) Beginning of process SeNodeB(consset(a1_3391,consset(a2_3388,emptyset)), kdf(cellidSource_3389,keyAKA_3390), cellidSource_3389, skSE_3392, spk(skTE_3393)) Beginning of process TeNodeB(cellidTarget_3497, kdf(cellidSource_3389,keyAKA_3390), skTE_3393, spk(skSE_3392), spk(skMME_3394)) Beginning of process MME(kdf(kdf(kdf(cellidSource_3389, keyAKA_3390),keyAKA_3390),keyAKA_3390), kdf(cellidSource_3389, keyAKA_3390), skMME_3394, spk(skTE_3393)) {17}new radioSignal_3629 {18}new PCI_3630 (a_3386,a_3387) {30}event SNSendsHORequiredToTE(cellidSource_3389) {32}event kenbstarSE(kdf(cellidSource_3389,kdf(cellidSource_3389,keyAKA_3390))) ~M_3654 ~M_3654 {48}event TNReceivesHORequestFromSE(cellidTarget_3497) {49}event kenbstarTE(kdf(cellidSource_3389,kdf(cellidSource_3389,keyAKA_3390))) \sim M_3713 = sign((a2_3388,hndCMD),\$kTE_3393) $\sim M_3713 = sign((a2_3388,hndCMD),skTE_3393)$ ~M_3725 = sign((kdf(cellidSource_3389,kdf(ce okHandover