Abbreviations \sim M_9920 = a1_9762 \sim M_9922 = a2_9763 A trace has been found. \sim M_9923 = emptyset \sim M_9918 = cellidSource_9760 \sim M_9919 = cellidTarget_9764 Attacker **Honest Process** {1}new a1_9762 {2}new a2_9763 {3}new keyAKA_9761 {4}new skSE_9778 {5}new skTE_9779 {6}new skMME_9780 {10}new cellidSource_9760 {11}new cellidTarget_9764 (consset(~M_9920,consset(~M_9922,~M_9923)),~M_9918, \sim M_9919) Beginning of process UE(consset(a1_9762,consset(a2_9763,emptyset)), kdf(cellidSource_9760,keyAKA_9761), cellidSource_9760) Beginning of process TeNodeB(cellidTarget_9764, kdf(cellidSource_9760,keyAKA_9761), skTE_9779, spk(skSE_9778), spk(skMME_9780)) Beginning of process SeNodeB(consset(a1_9762,consset(a2_9763,emptyset)), kdf(cellidSource_9760,keyAKA_9761), cellidSource_9760, skSE_9778, spk(skTE_9779)) Beginning of process MME(kdf(kdf(kdf(cellidSource_9760, keyAKA_9761),keyAKA_9761),keyAKA_9761), kdf(cellidSource_9760, keyAKA_9761), skMME_9780, spk(skTE_9779)) {17}new radioSignal_10014 {18}new PCI_10015 {19}event UESendsMeasurementReport(radioSignal_10014, PCI_10015) $(\sim M_10018, \sim M_10019) = (radioSignal_10014, PCI_10015)$ \sim M_9920 = a1_9762 {22}event UEReceivesHOComand(a1_9762) {25}event kenbstarUE(kdf(cellidSource_9760,kdf(cellidSource_9760,keyAKA_9761)))