Bluetooth Baseband LSI Panasonic PAN1026

Toshiba TC35661

SMP
Message Sequence Chart

October.2013

00.063.0EBA1-0.008.09TS

- PANASONIC is continually working to improve the quality and reliability of its products. Nevertheless, semiconductor devices in general can malfunction or fail due to their inherent electrical sensitivity and vulnerability to physical stress. It is the responsibility of the buyer, when utilizing PANASONIC products, to comply with the standards of safety in making a safe design for the entire system, and to avoid situations in which a malfunction or failure of such PANASONIC products could cause loss of human life, bodily injury or damage to property.
 - In developing your designs, please ensure that PANASONIC products are used within specified operating ranges asset forth in the most recent PANASONIC products specifications.
- The PANASONIC products listed in this document are intended for usage in general electronics applications (computer, personal equipment, office equipment, measuring equipment, industrial robotics, domestic appliances, etc.). These PANASONIC products are neither intended nor warranted for usage in equipment that requires extraordinarily high quality and/or reliability or a malfunction or failure of which may cause loss of human life or bodily injury ("Unintended Usage"). Unintended Usage include atomic energy control instruments, airplane or spaceship instruments, transportation instruments, traffic signal instruments, combustion control instruments, medical instruments, all types of safety devices, etc.. Unintended Usage of PANASONIC products listed in this document shall be made at the customer's own risk.
- The products described in this document are subject to the foreign exchange and foreign trade laws.

 The information contained herein is presented only as a guide for the applications of our products. No responsibility is assumed by PANASONIC CORPORATION for any infringements of intellectual property or other rights of the third parties which may result from its use. No license is granted by implication or otherwise under any intellectual property or other rights of PANASONIC CORPORATION or others.
- The information contained herein is subject to change without notice.
- The information contained herein is presented only as a guide for the product operation, its functions, and applications. We request that the operation of any application system incorporating this product is fully tested by system vendor.

Revision History

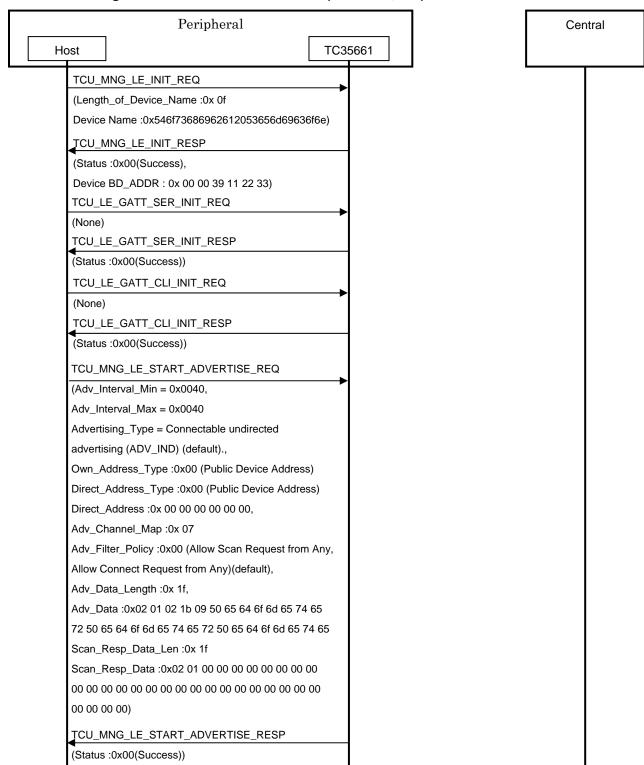
Date	Modification	Note
19th-August-2013	1st Release	
3rd-October-2013	Added the explanations to the following chapters:	
	1.1 Initial Setting -> Connection ->	
	1.2 Connection -> Authentication(JustWork,LTK) from Central	
	1.4 Key update	
	Added the following chapter:	
	1.3 Connection -> Authentication(JustWork,LTK) from Peripheral ->	
	Disconnection	

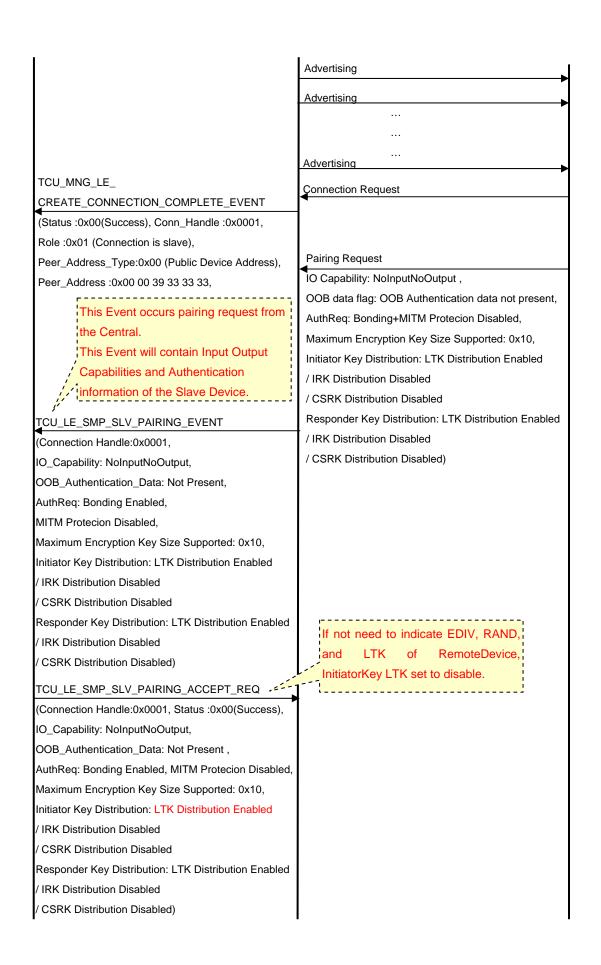
CONTENT

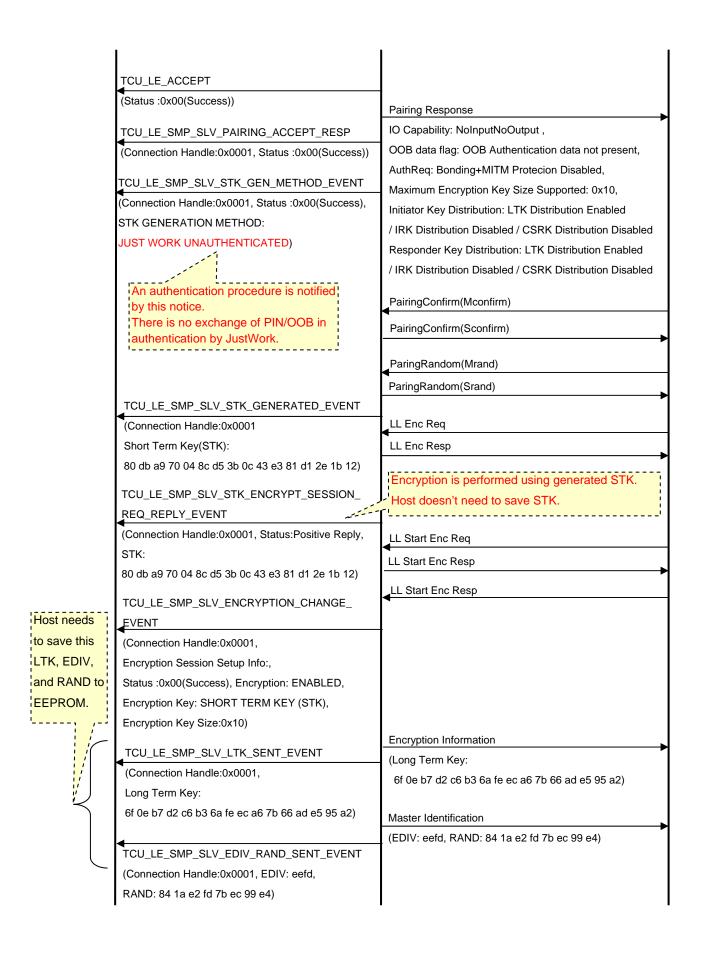
1.	MS	6C 5
	1.1	Initial Setting -> Connection -> Authentication(JustWork,LTK) from Central -> D
	isconne	ection5
	1.2	Connection -> Authentication(JustWork,LTK) from Central -> Disconnection ->
	Reconn	ection -> Encryption -> Disconnection9
	1.3	Connection -> Authentication(JustWork,LTK) from Peripheral -> Disconnection14
	1.4	Key update······· 18

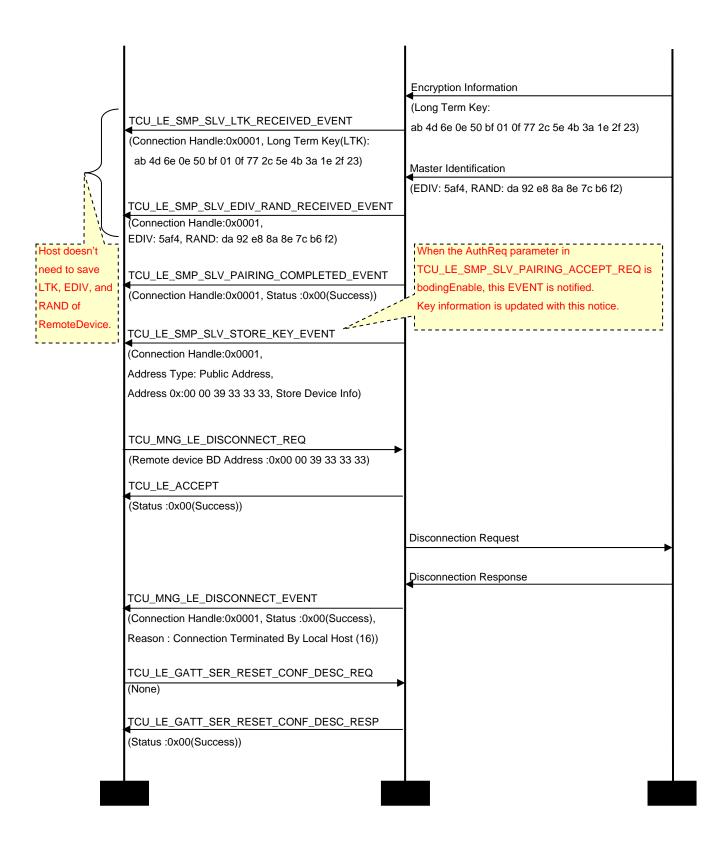
1. MSC

1.1 Initial Setting -> Connection -> Authentication(JustWork,LTK) from Central -> Disconnection

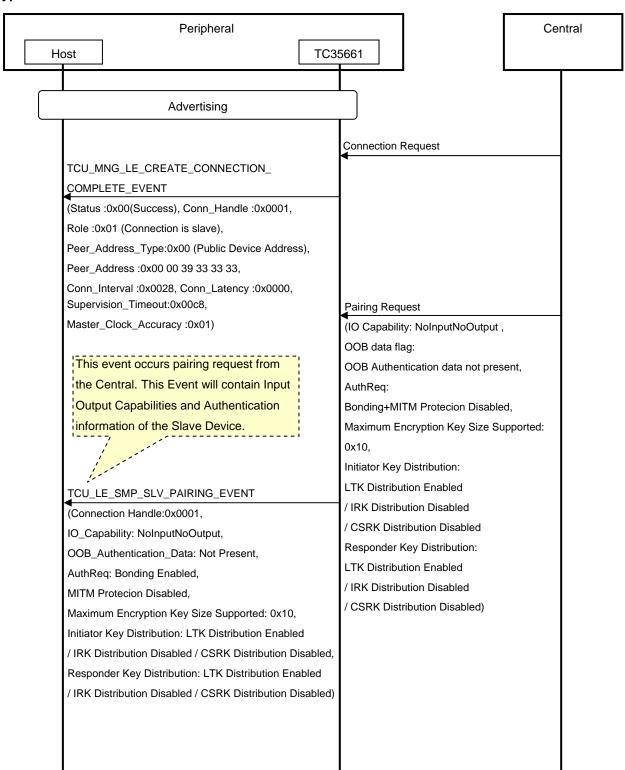


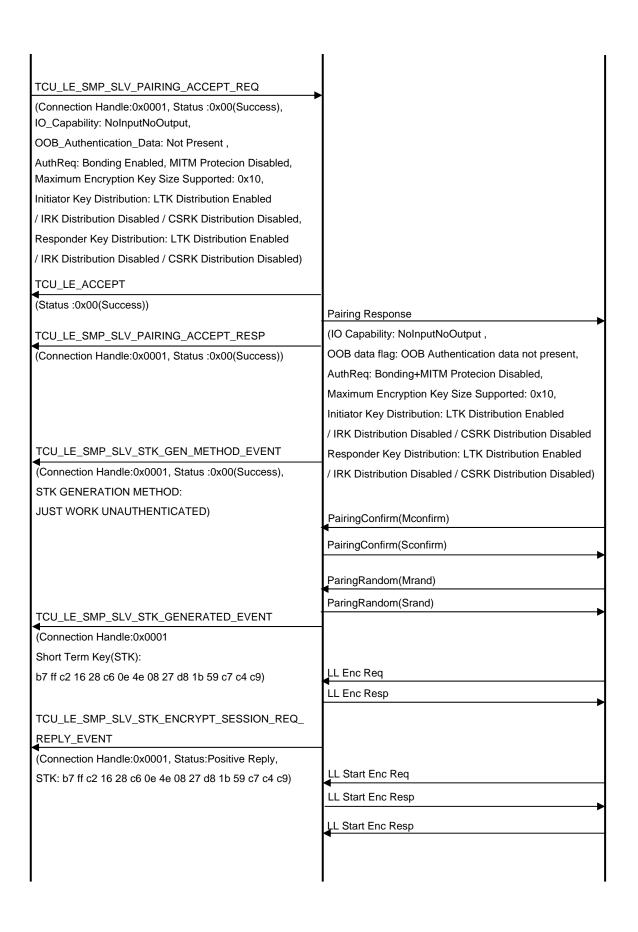


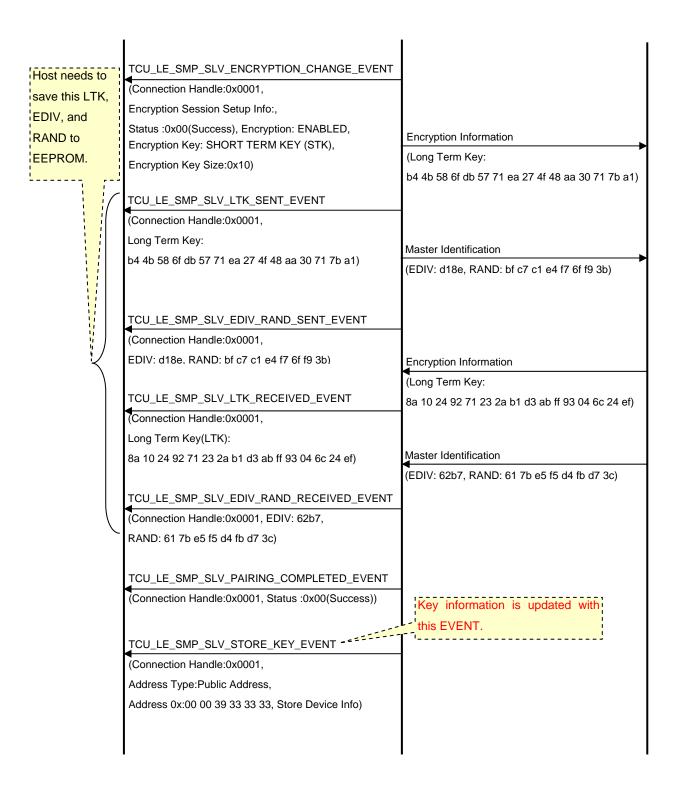


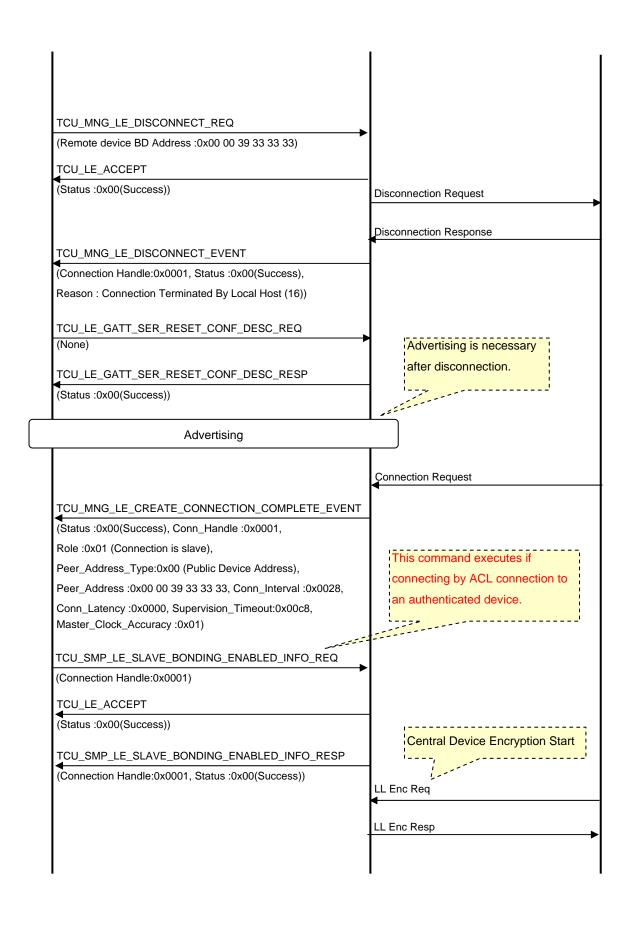


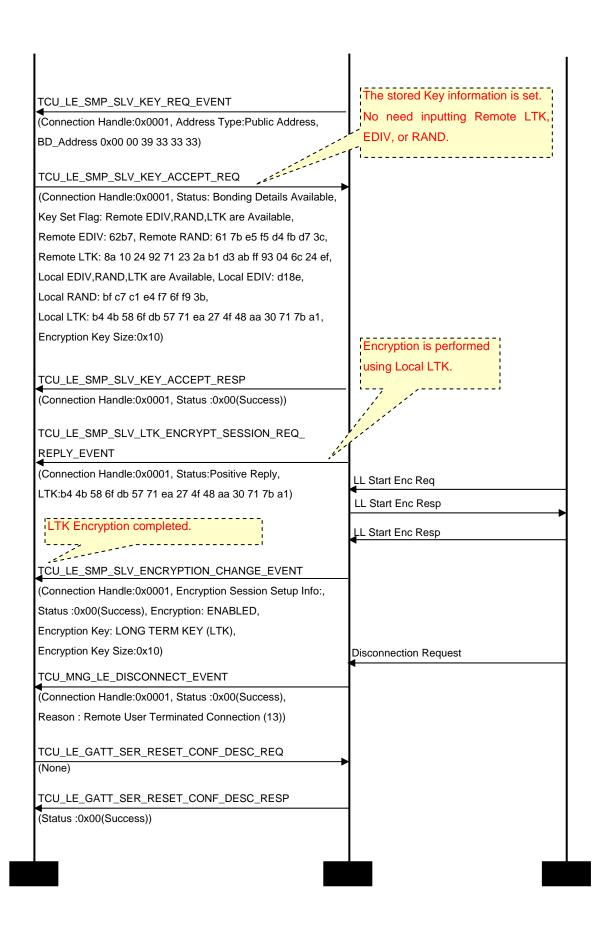
1.2 Connection -> Authentication(JustWork,LTK) from Central -> Disconnection -> Reconnection -> Encryption -> Disconnection



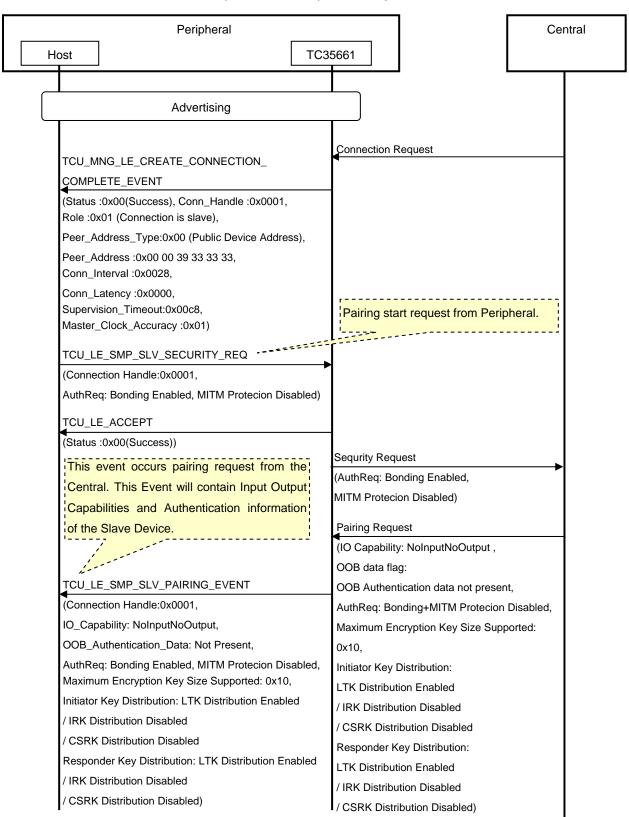


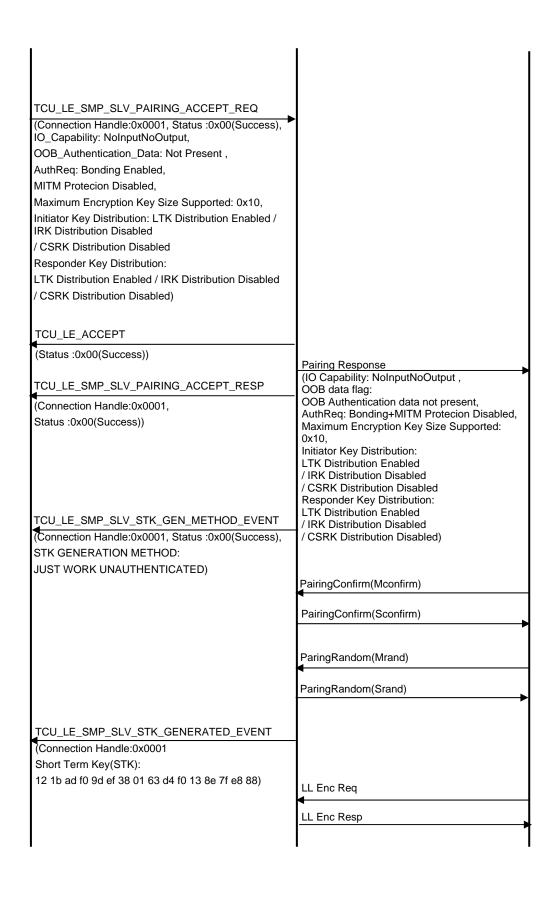


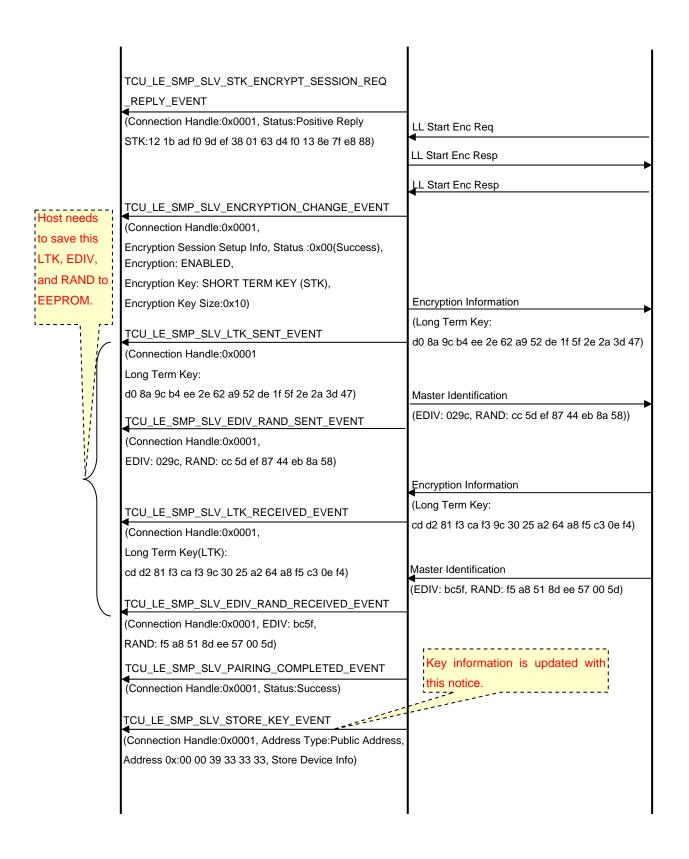


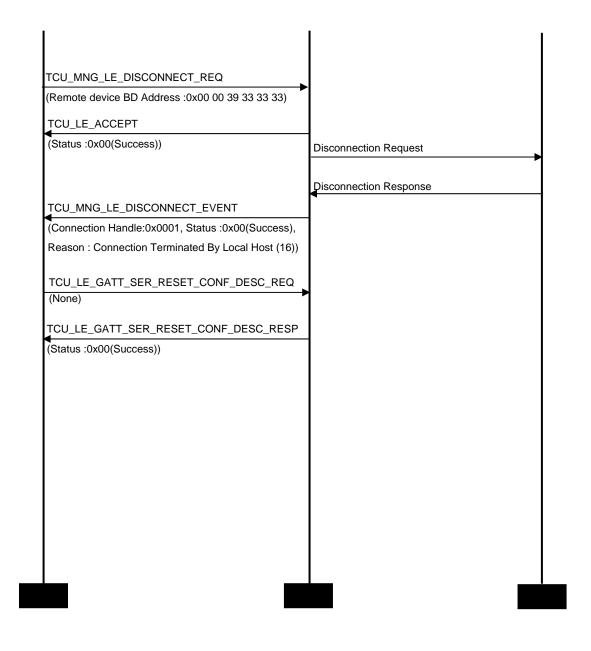


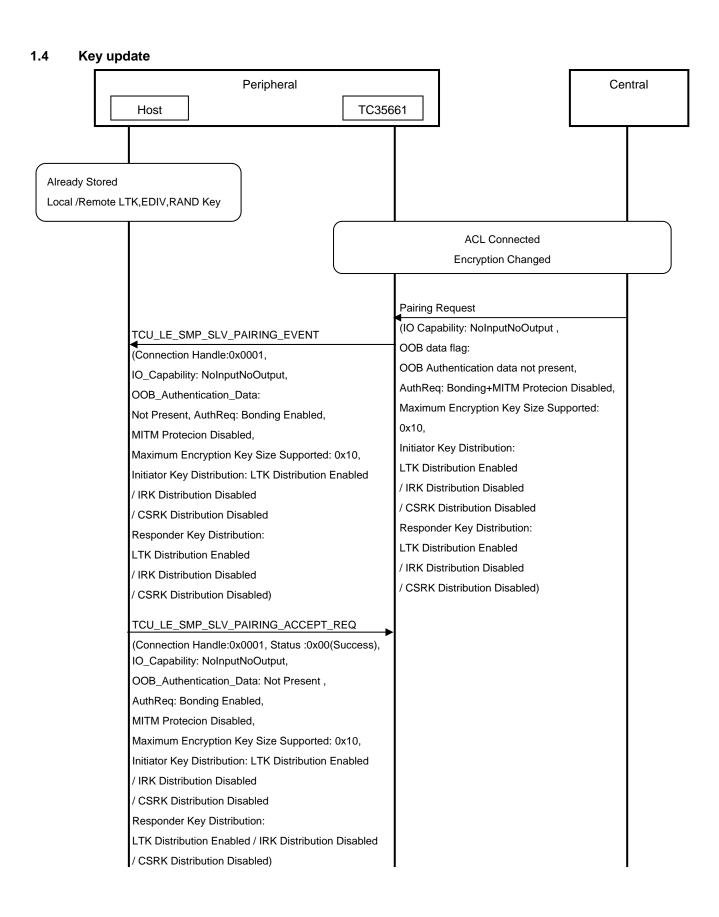
1.3 Connection -> Authentication(JustWork,LTK) from Peripheral -> Disconnection

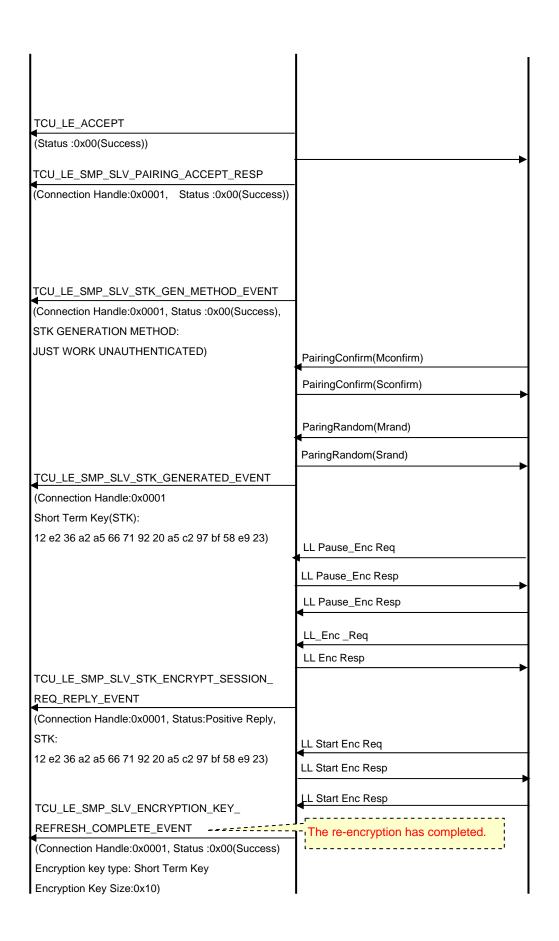


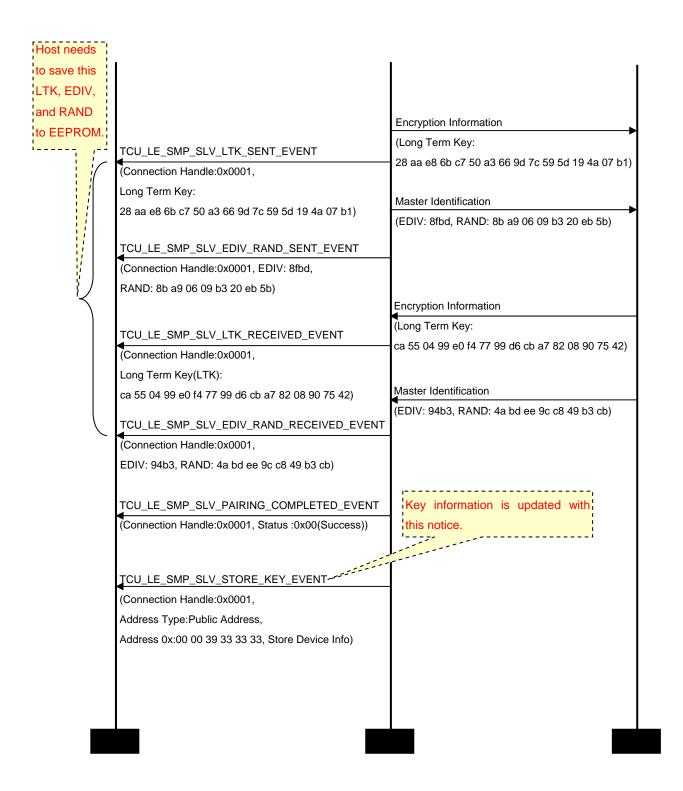












End of document.