RF Function List

- 1. Operation Mode
- 1-1.Coordinator
- 1-2.Router
- 1-3.END-device
 - a. always power
 - b. Sleepy
 - c. mobile(5.5X)
- 2. Explanation for each modes operation (first power ON)
- 2-1. Coordinator
 - a. After the network scanning(ch.11~26), select the channel.
 - b. Based on extended PAN-ID, extended PAN-ID, and extended short ID, make one network
 - c. With the push button(on the bottom side) control the join permission mode.

2-2 Router

- a. Set the slide switch as "Router", and then if power on, it works as router- mode.
- b. Scan the networks for pressing the push bottom for 3 times.
- c. Rounter scans the coordinator networks, and get the PAN-ID and short ID from the join perm tted ID , and provide its PAN-ID for network formation.

2-3 END-device

- a. Send its information to the network with broadcasting
 - coordinator directly communitarian is not possible, using networks Rounter for transferring the information.
- b. Each Routers that are connected in the networks, send its extended PAN-ID to the Coordinator.
- c. The Coordiantor save its extended PAN-ID, EUI ID, and PAN-ID to a table, and save the received information as turns.
- d. Coordinator send its saved network information table to the end-device.
 - Use network Router when coordinator direct commnunication is not possible.
- e. The end-device classifies the network construction each from received table information with by extended PAN-ID. A user join the each contruction device, and control the devices that are conneted via Routers.