Spin Flow Chart
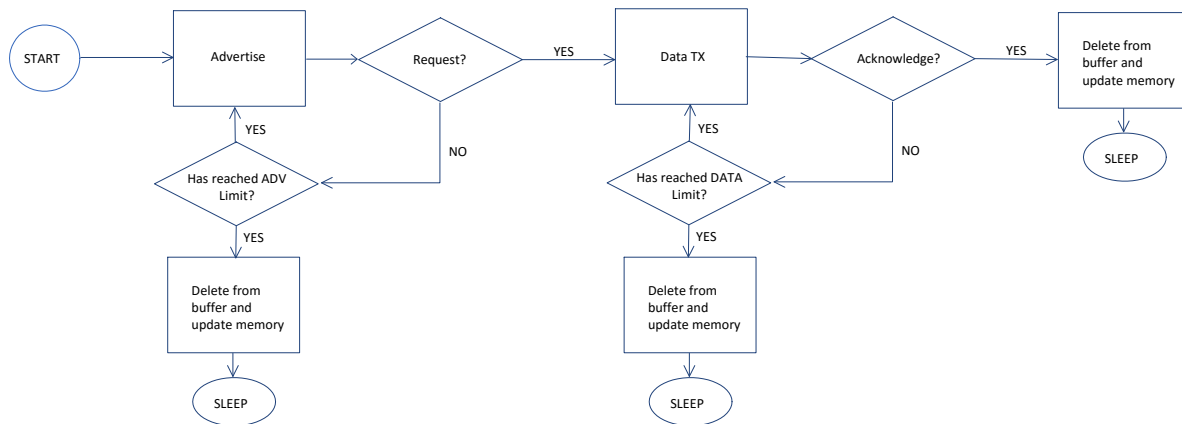
Thursday, March 24, 2016   1:27 AM

EVENT TO SEND

START → Advertise → Request? — YES → Data TX → Acknowledge? — YES → Delete from buffer and update memory → SLEEP

Request? — NO → Has reached ADV Limit?
Has reached ADV Limit? — YES → Advertise
Has reached ADV Limit? — YES → Delete from buffer and update memory → SLEEP

Acknowledge? — NO → Has reached DATA Limit?
Has reached DATA Limit? — YES → Data TX
Has reached DATA Limit? — YES → Delete from buffer and update memory → SLEEP

EVENT TO RECEIVE

START → Is Interesting? — YES → Send REQ → Listen for Data → Receive complete data? — YES → Send ACK → Update to Buffer → SLEEP

Is Interesting? — NO → SLEEP

Receive complete data? — NO → Reached DATA RX Limit?
Reached DATA RX Limit? — NO → Listen for Data
Reached DATA RX Limit? — YES → SLEEP