Claims

1. A method of transmitting data from an analyte sensor system (8) to a display device (14), wherein the analyte sensor system (8) corresponds to a near field communication, NFC, target and comprises an analyte sensor (10) and an electronics module (12), wherein the electronics module (12) comprises a processor (214, 314) for obtaining and processing sensor measurement values from the analyte sensor (10) and a transceiver (316) for transmitting the data, wherein the analyte sensor (10) is physically connected to the electronics module (12), and wherein the display device (14) is capable of NFC communication and corresponds to an NFC initiator, the method comprising:

the analyte sensor system (8) gathering analyte data from the analyte sensor (10) that it periodically sends to the display device (14) via wireless transmission with the display device (14) at predetermined time intervals, wherein the analyte sensor system (8) and the display device (14) establish a communication channel between them to periodically communicate; and

waking up the electronics module (12) using NFC by the display device (14), where the NFC wakeup causes immediate or forced communication between the electronics module (12) and the display device (14),

wherein the NFC wakeup is user-initiated and switches the electronics module from a low power mode into a higher power operation mode, and

wherein the periodic sending of analyte data and the immediate or forced communication are performed by the transceiver.

2. The method of claim 1, wherein the analyte sensor system (8) periodically sends the analyte data to the display device (14) at the predetermined time intervals using Bluetooth wireless communication technology.

3. The method of any preceding claim, wherein the analyte sensor (10) is a continuous analyte sensor configured to continuously measure a concentration of analyte.