

Parameters: None

Returns: LQI value.

getCrcBit()

Read the cyclic redundancy check (CRC) bit for the last received data stream.

Parameters: None

Returns: CRC bit value – valid (1) or invalid (0).

transmit(address, dataField, length)

Build a data stream from the data field provided and transmit the resulting message over-the-air to a specified address.

Parameters: **address:** uint8_t

 The device address of the receiving node. This address may go to a broadcast address (0x00).

dataField: uint8_t*

 Payload for the data stream.

length: uint8_t

 Number of bytes in the data field buffer.

Returns: Nothing

receiverOn(dataField, length, timeout)

Turn on the radio receiver and listen until a timeout occurs.

Parameters: **dataField:** uint8_t*

 Buffer that stores the data field. This buffer is assumed to be large enough to store the largest expected data field.

length: uint8_t

 Size of the data field in bytes.

timeout: uint16_t

 Period to listen for (maximum) in milliseconds.

Returns: Number of bytes read from the RX FIFO that were copied into the data field.