Tests:

1. Check if assigning port is correct, whether in programming mode (should not be sent on any outputs) or functional mode (should be sent on the chosen output).

2. Check if a packet is sent correctly – 1 start, 8 data, 1 parity, 1 stop.

3. Check if DUT is ignoring two packets after:

   a) wrong start bit,

   b) wrong parity bit,

   c) wrong stop bit.

4. Corner cases – 0xFF and 0x00.