Direct Sequence Spread Spectrum

Roll Number 1809057
to Binary
11011100110101010100001

Transmitter Section

BPSK Modulation

**Multiply PN Sq
by BPSK signal**

BPSK demodulation

Unipolar to
Bipolar
Converter

x

x

+
+

x

x

Lowpass

wave

events

vth

1
0

Random
Source

PN Sequence
Generator

Unipolar to
Bipolar
Converter