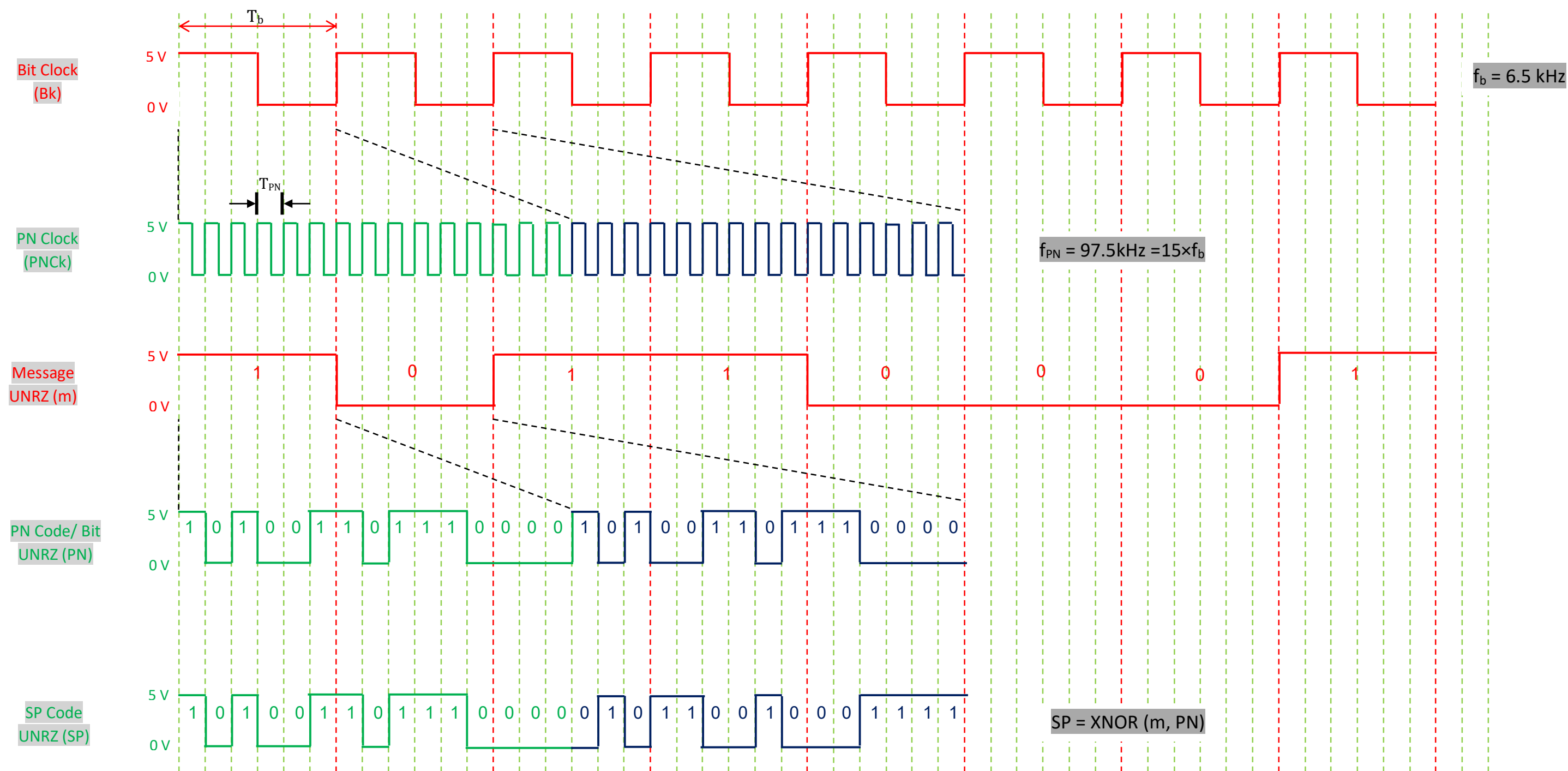
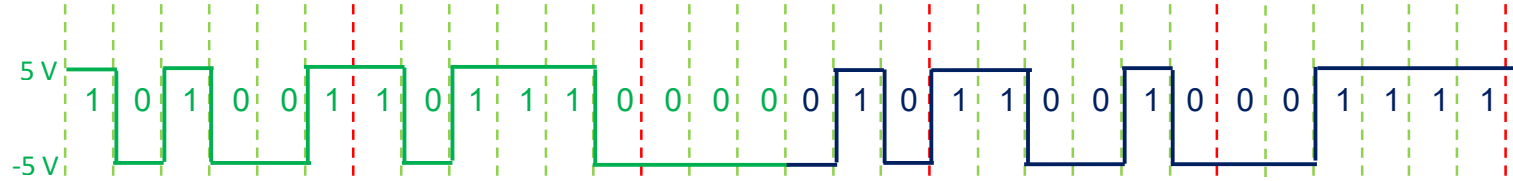


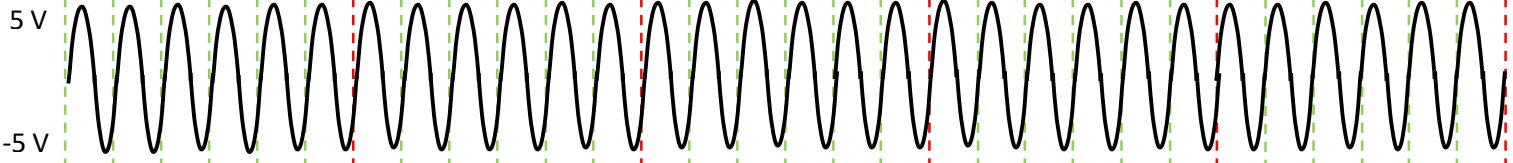
HARDWARE EXP: DSSS-BPSK



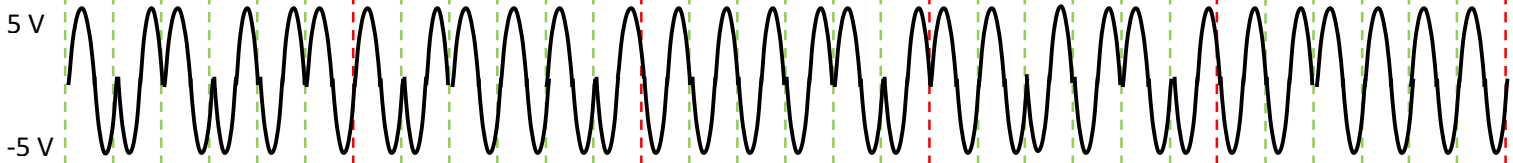
SP Code
PNRZ



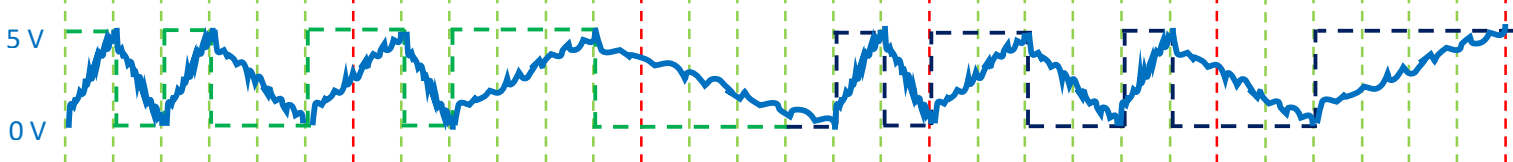
RF Carrier
(fc)



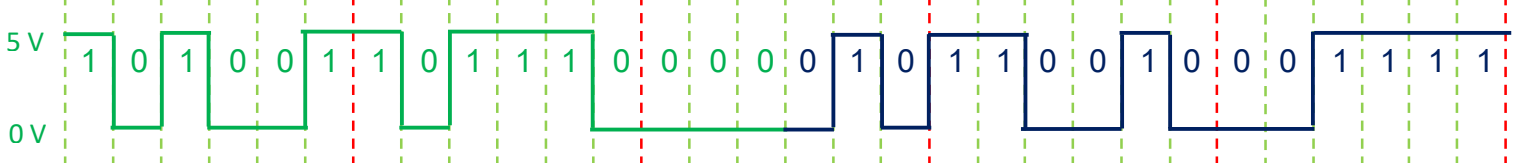
DS-BPSK
Signal



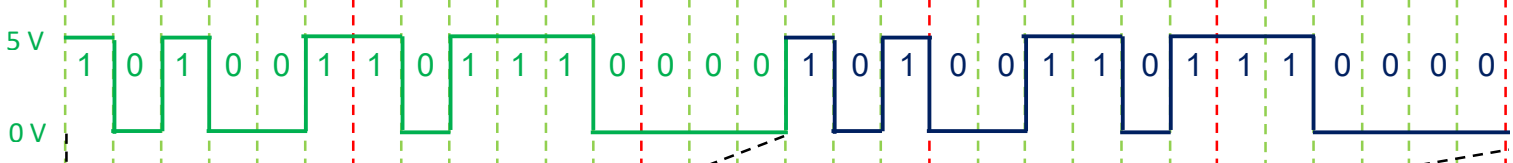
Noisy SP
Code



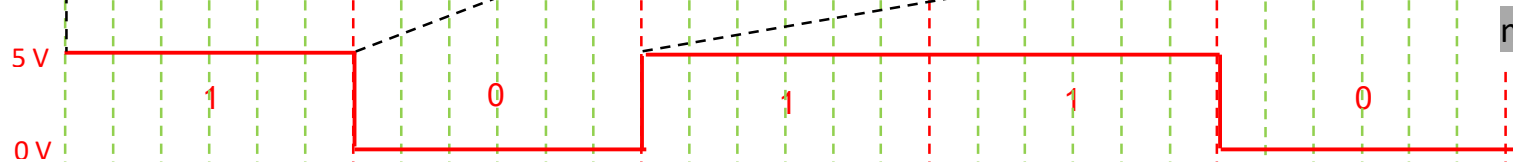
Recovered SP
Code (SP)



PN Code (PN)
Redrawn



Recovered
message (m)



$f_{RF} = 488 \text{ kHz} = 5 \times f_{PN}$

$m = \text{XNOR}(\text{SP}, \text{PN})$