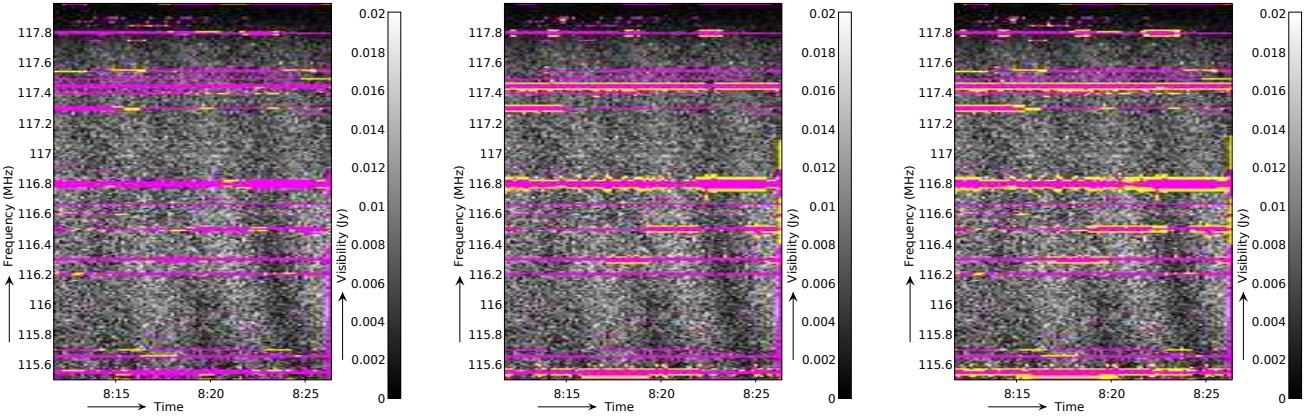
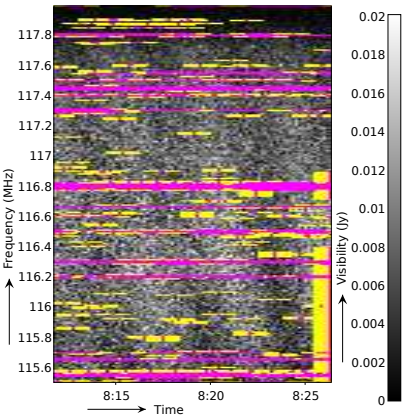


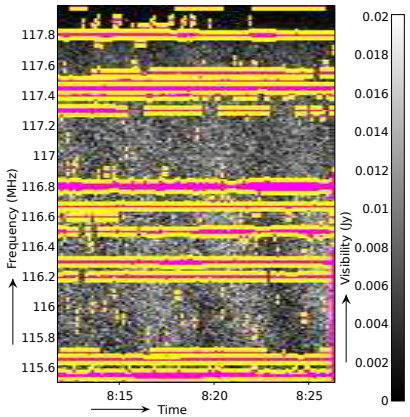
(a) Horizontal SIR operator

(b) Vertical SIR operator

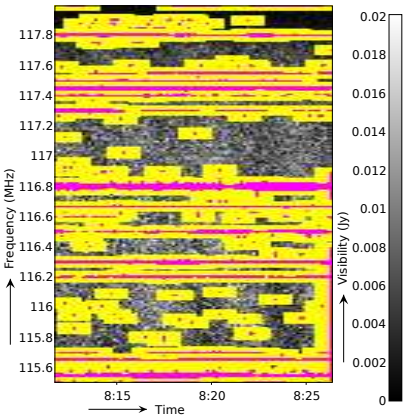
(c) SIR operator in both directions



(d) Horizontal dilation



(e) Vertical dilation



(f) Dilation with a square kernel