

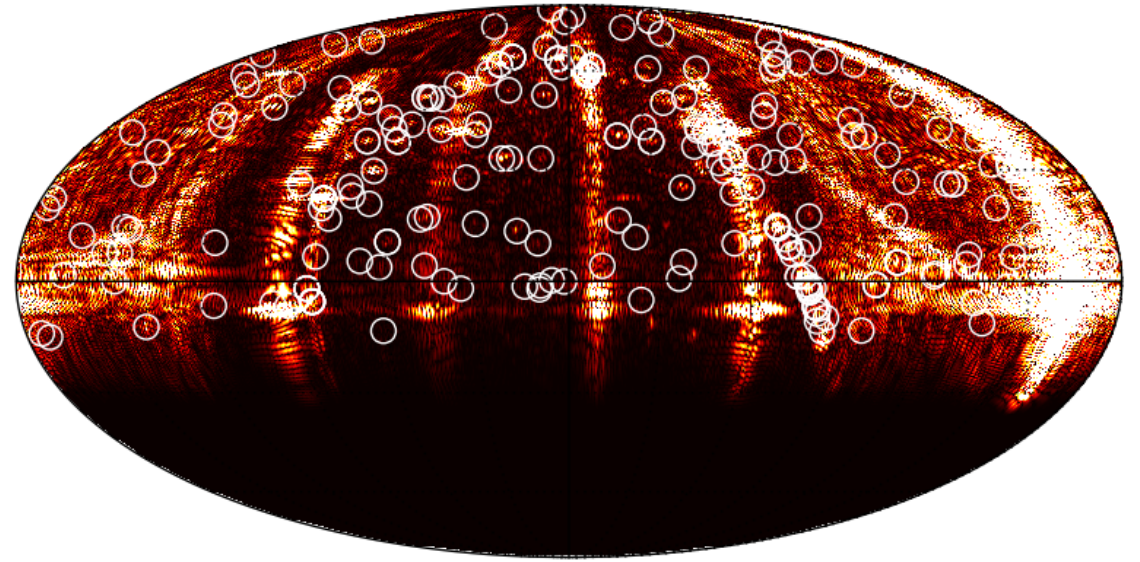
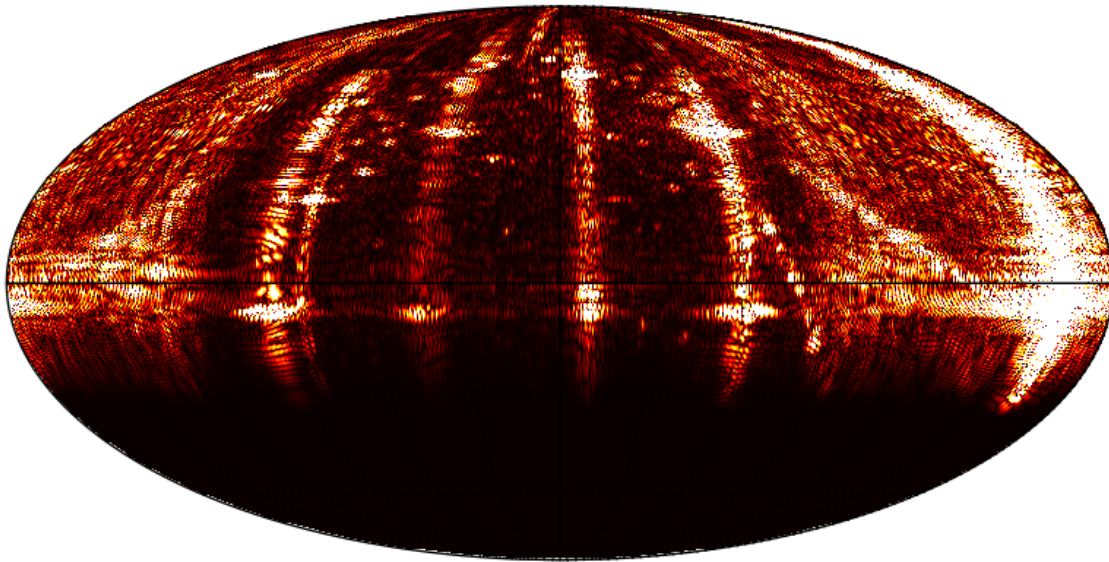
# Tianlai Data Analysis

Shifan Zuo

2017.01.19

# Map-Making

for data observed in 2016/10/11-2016/10/13, 50 frequencies synthesis



# RFI Flagging

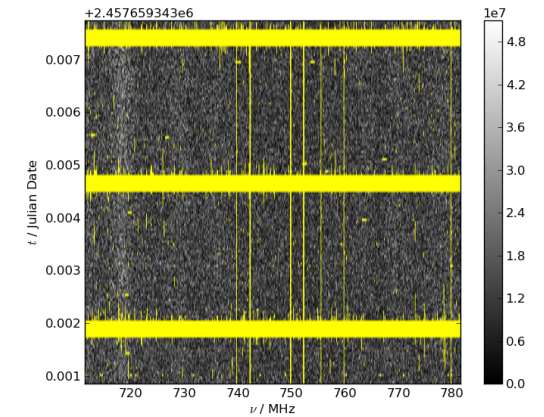
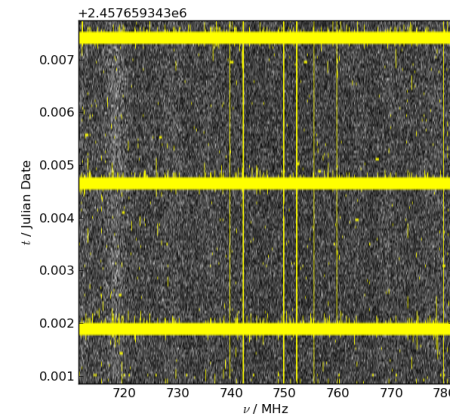
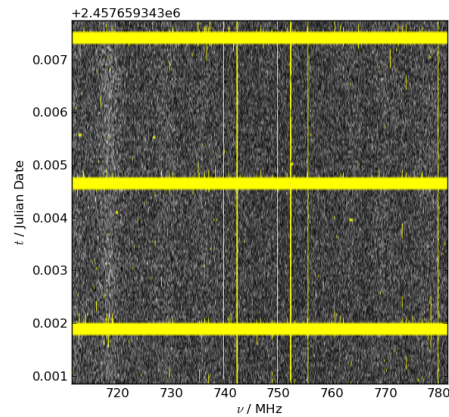
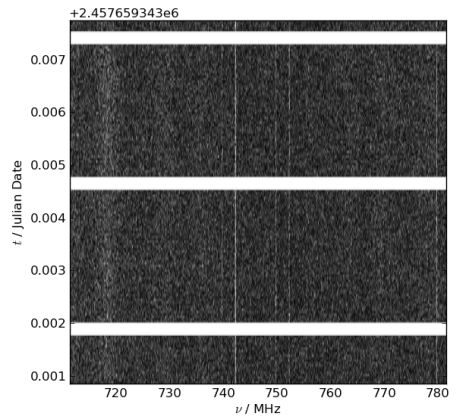
for data observed in 2016/09/27, 10 minutes data at ~ 04h

visibility

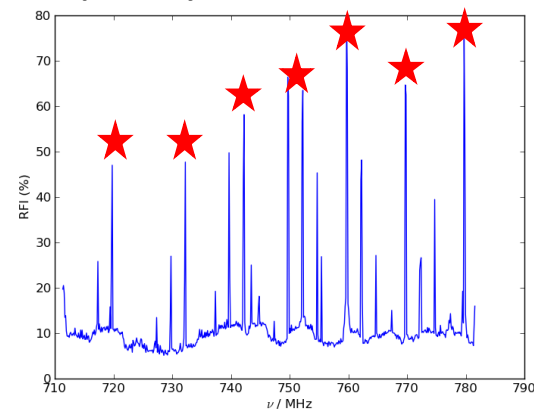
SumThreshold

stack 4 pols

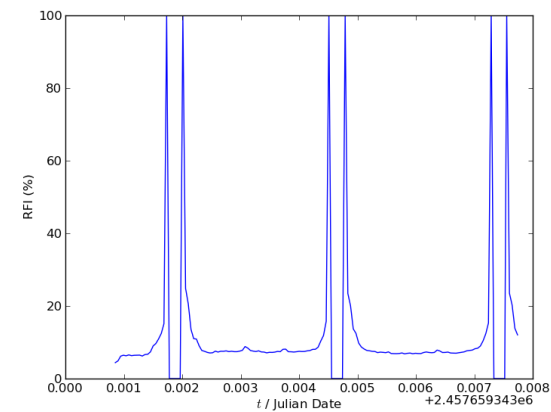
SIR operator



frequency distribution of RFI



time distribution of RFI



# RFI Flagging

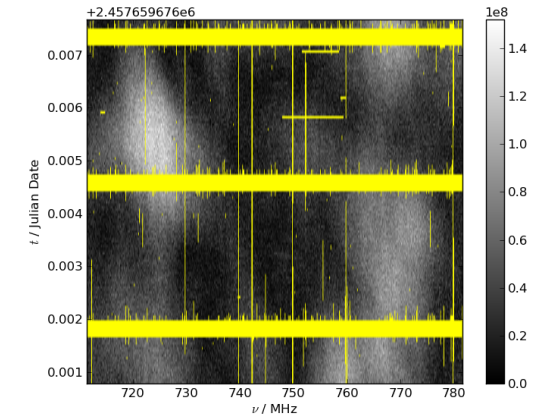
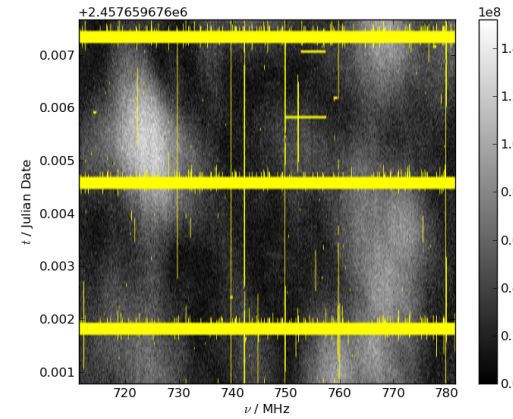
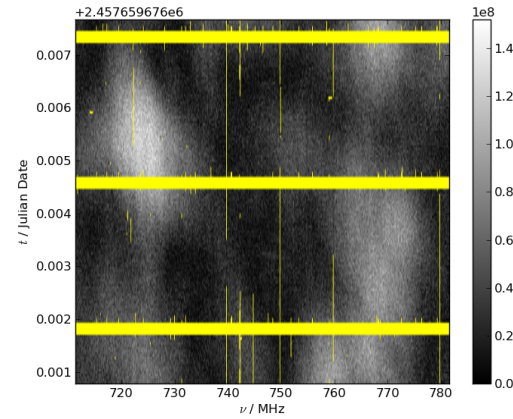
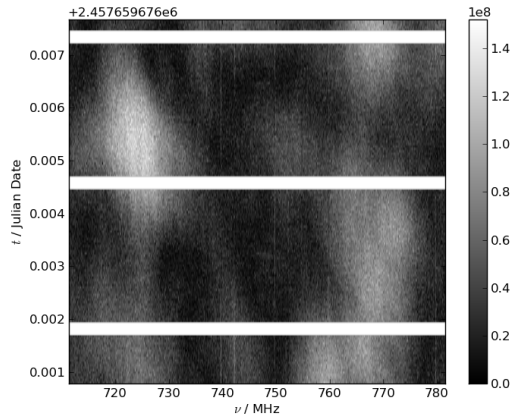
for data observed in 2016/09/27, 10 minutes data at ~ 12h

visibility

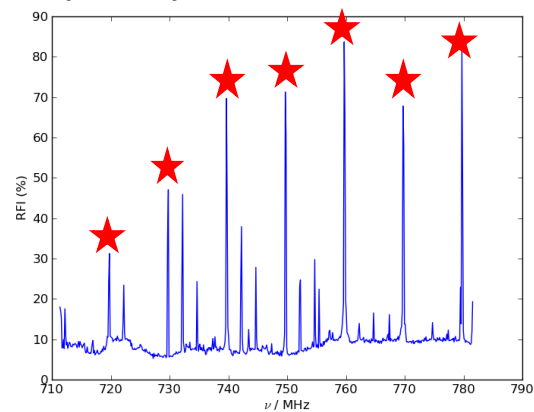
SumThreshold

stack 4 pols

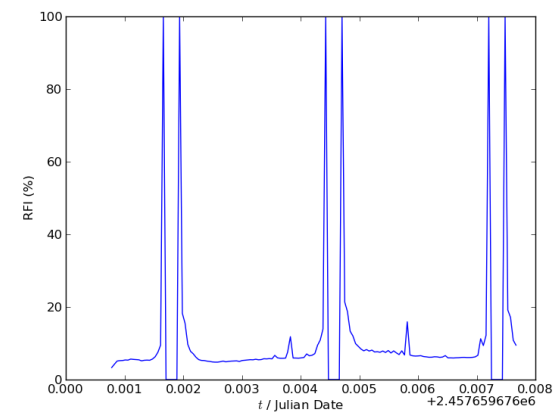
SIR operator



frequency distribution of RFI



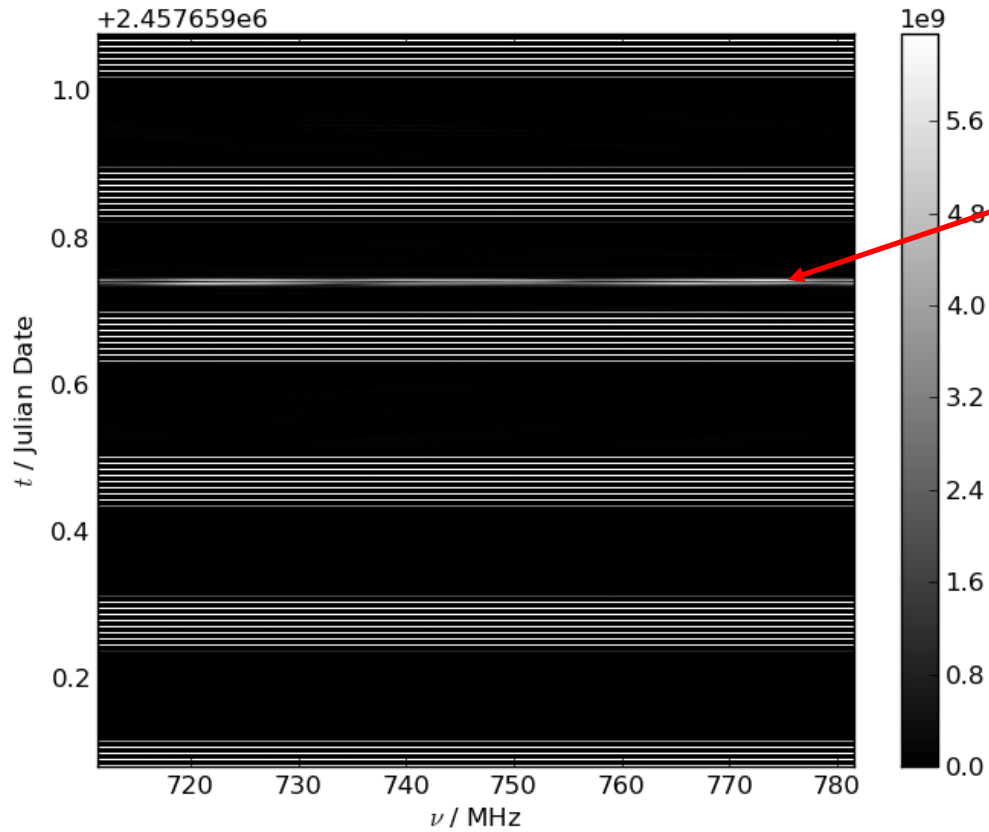
time distribution of RFI



# RFI Flagging

For data observed in 2016/09/27, 1 day's data

visibility



The Sun

flag by SumThreshold

