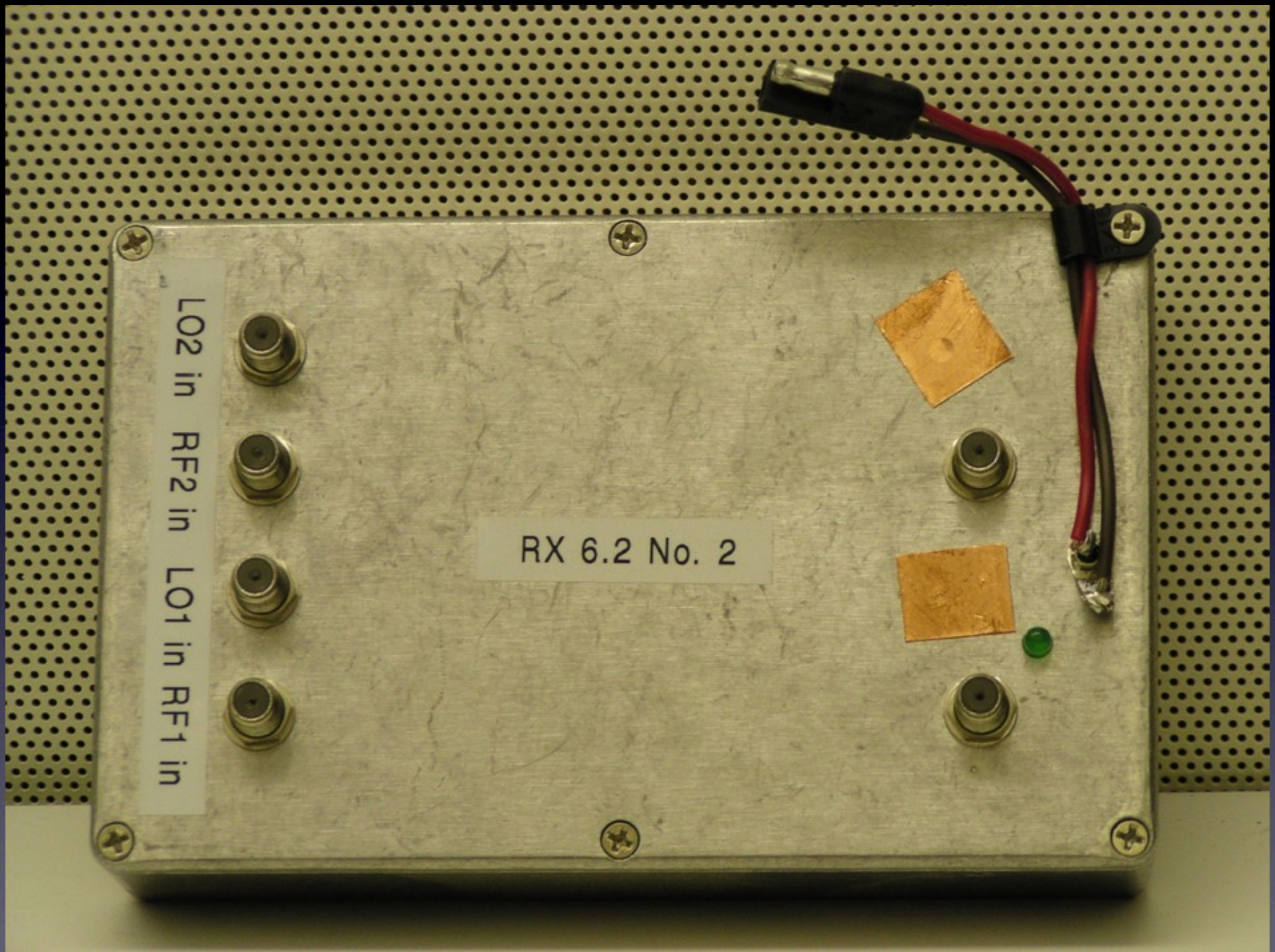
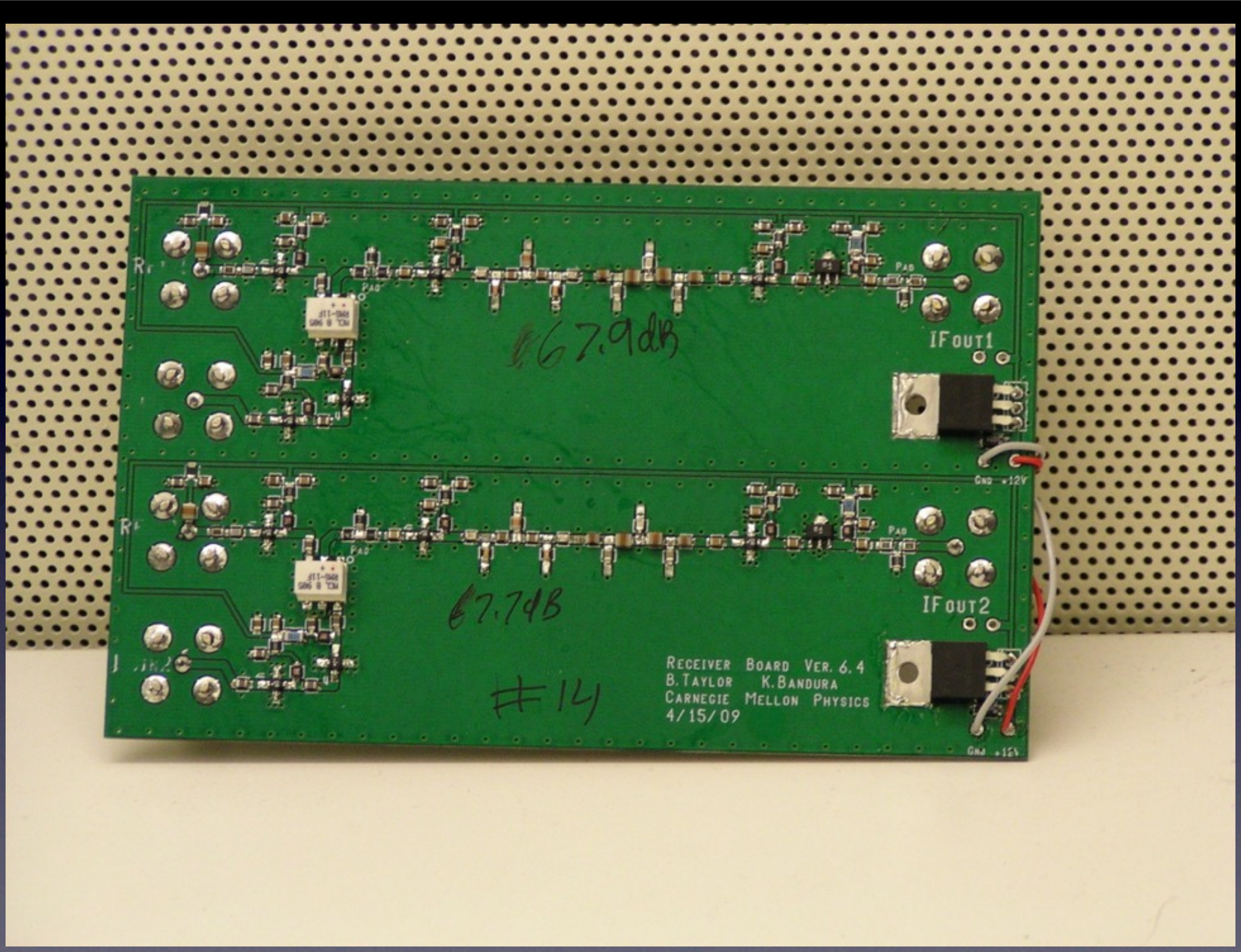
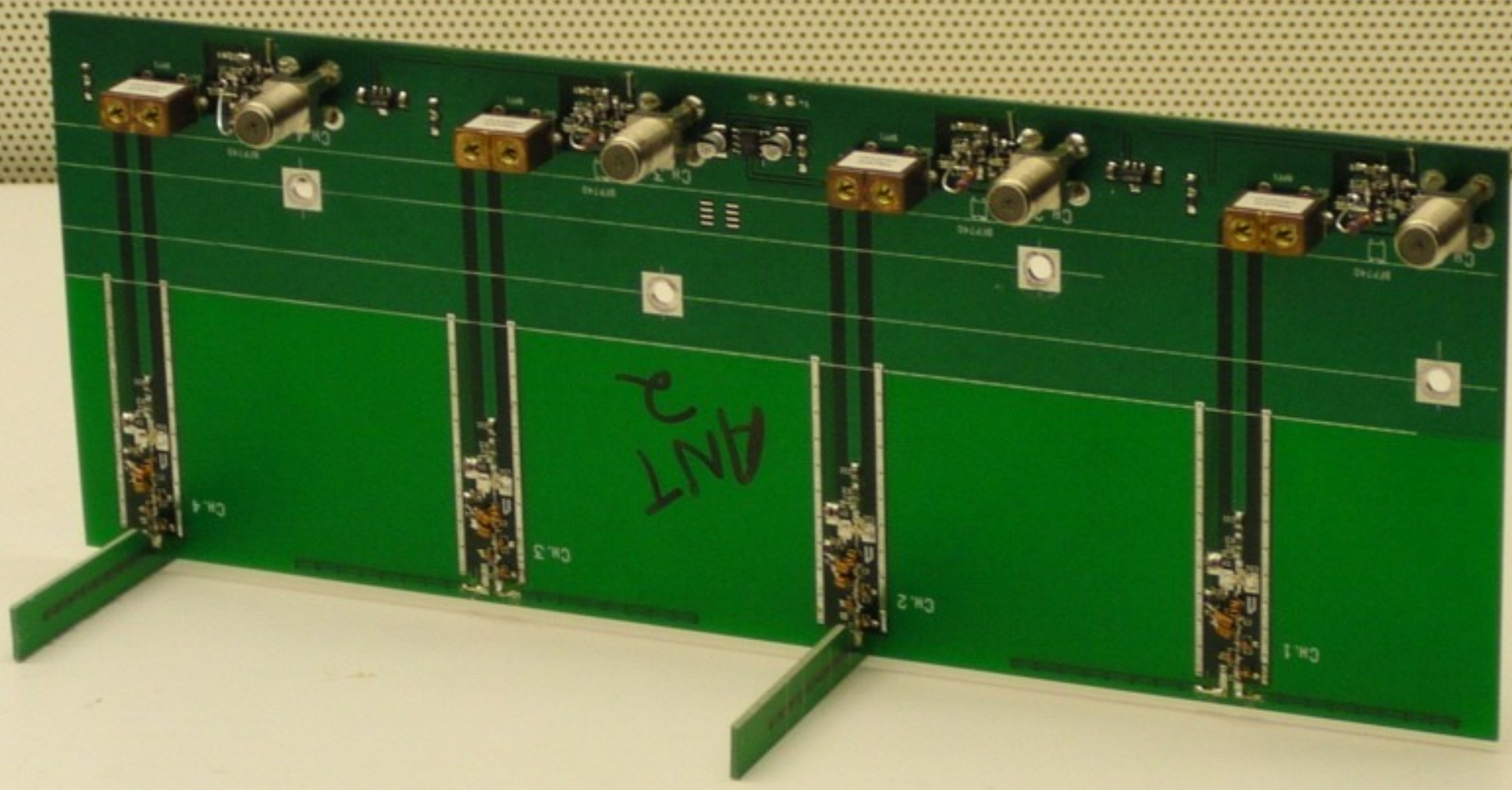
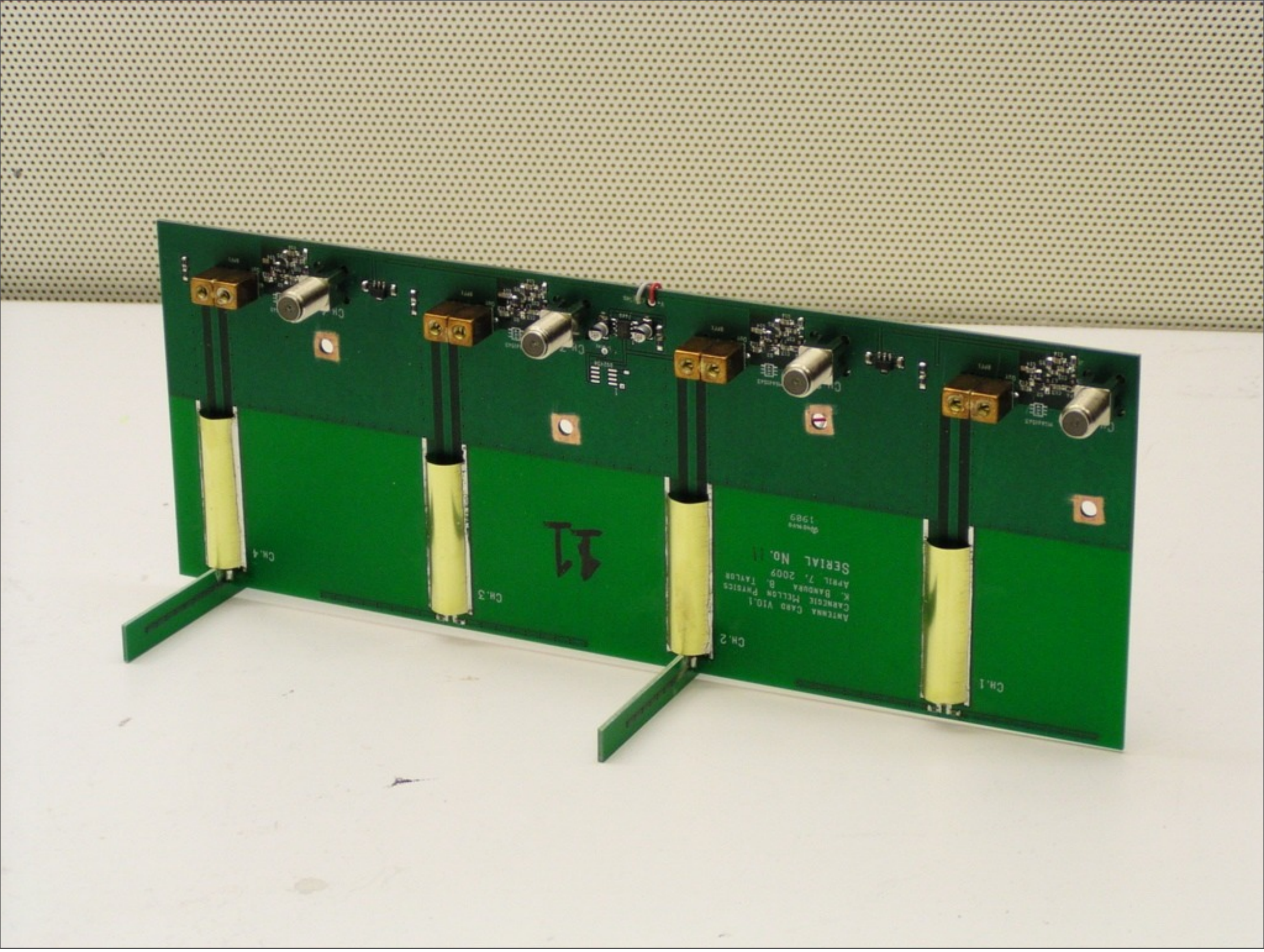
Pittsburgh Cylinder Current Status

Kevin Bandura


LO2 in RF2 in LO1 in RF1 in
RX 6.2 No. 2


IFOUT1
IFOUT2
RECEIVER BOARD VER. 6.4
B.TAYLOR K.BANDURA
CARNEGIE MELLON PHYSICS
4/15/09
#67.9dB
#67.7dB
#14

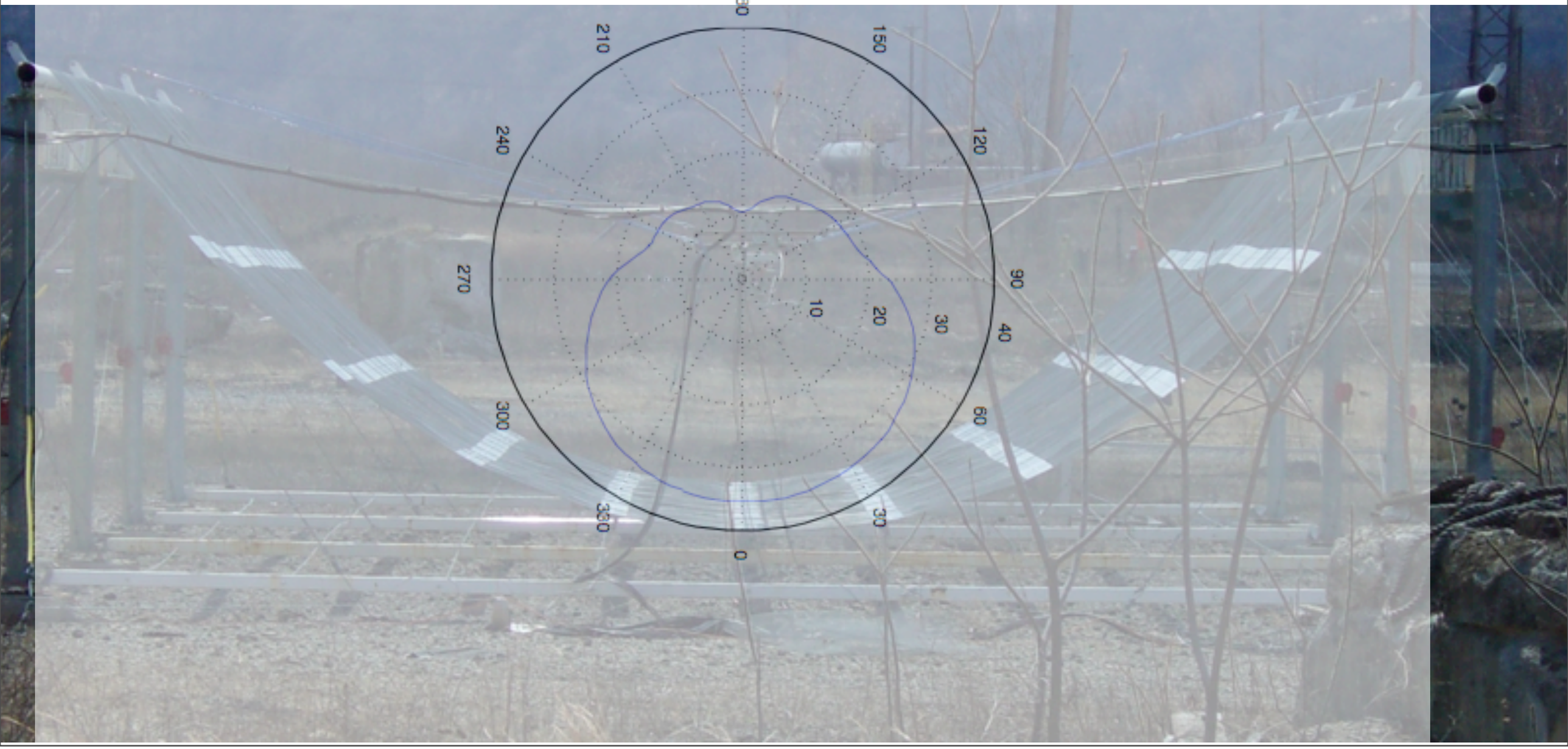

ANT
Ch.4
Ch.3
Ch.2
Ch.1


ANTENNA CARD V10.1
CARNEGIE MELLON PHYSICS
K. BANDURA B. TAYLOR
APRIL 7, 2009
SERIAL NO. 11
1989
CH.1
CH.2
CH.3
CH.4
11

8 Channel System

- 8 dipoles per Cylinder
- 4 of each polarization
- 8 acquisition channels

H-Plane Dipole Pattern



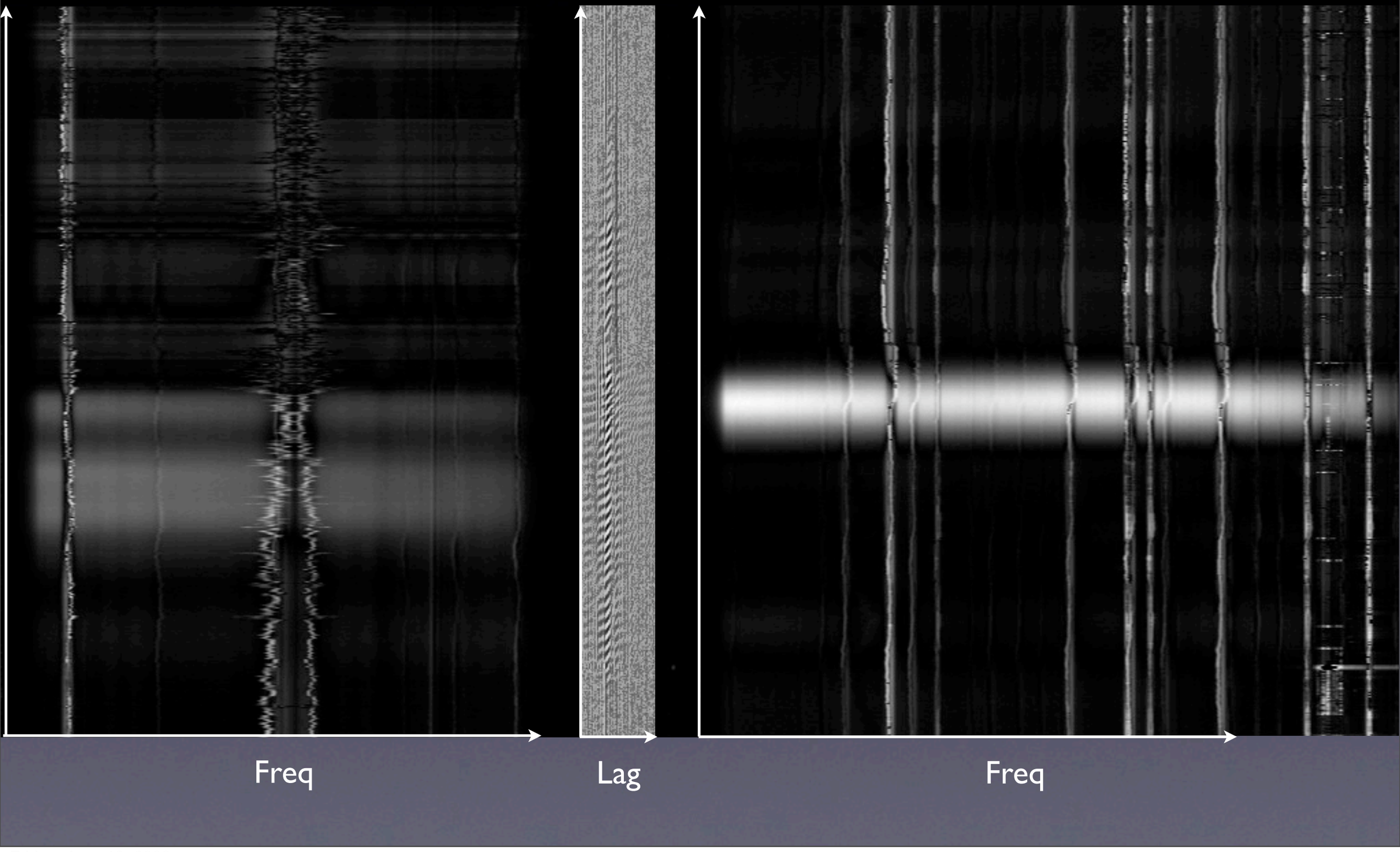
Feed Focusing

- West Cylinder image

- East Cylinder image

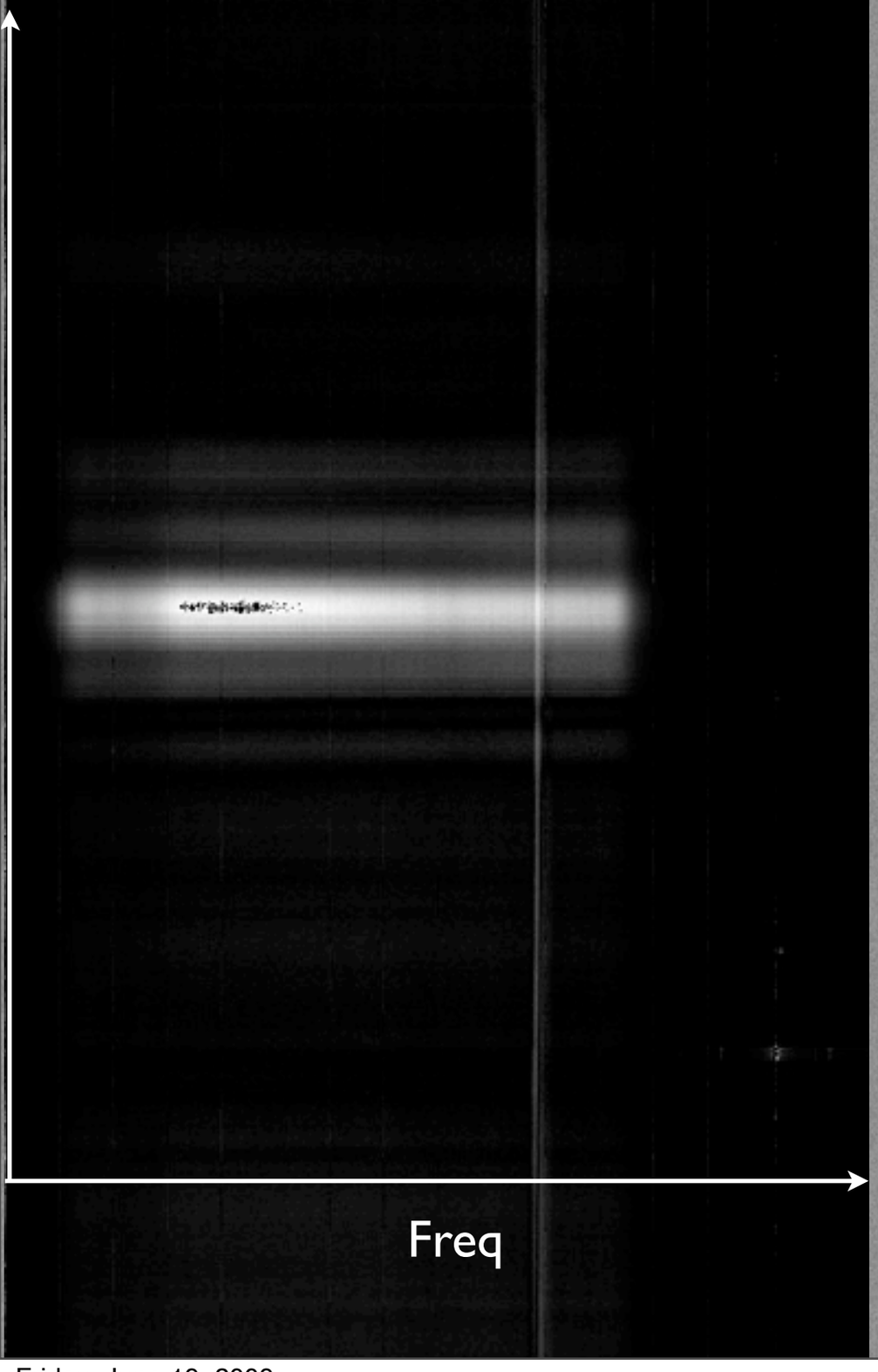
Data April - Sun

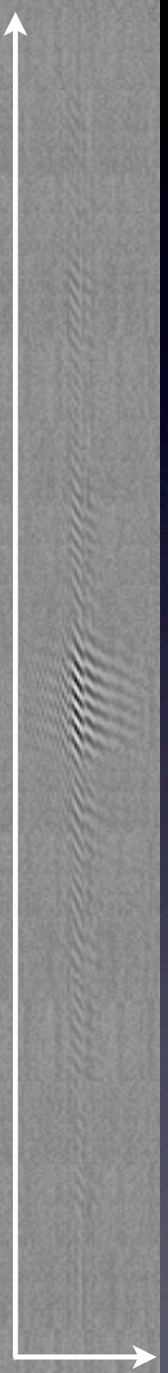
West Amplitude Correlation fringes East Amplitude

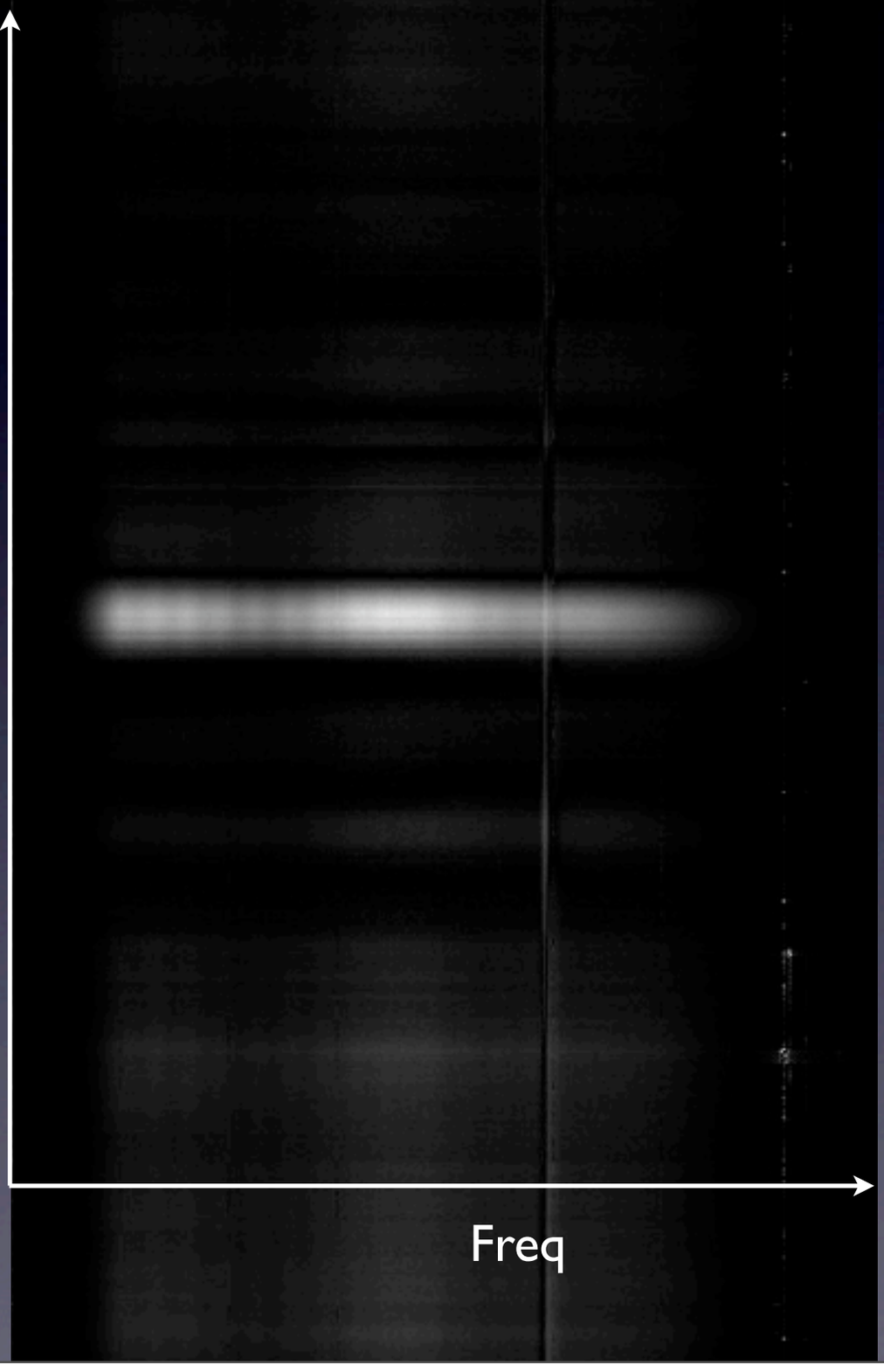
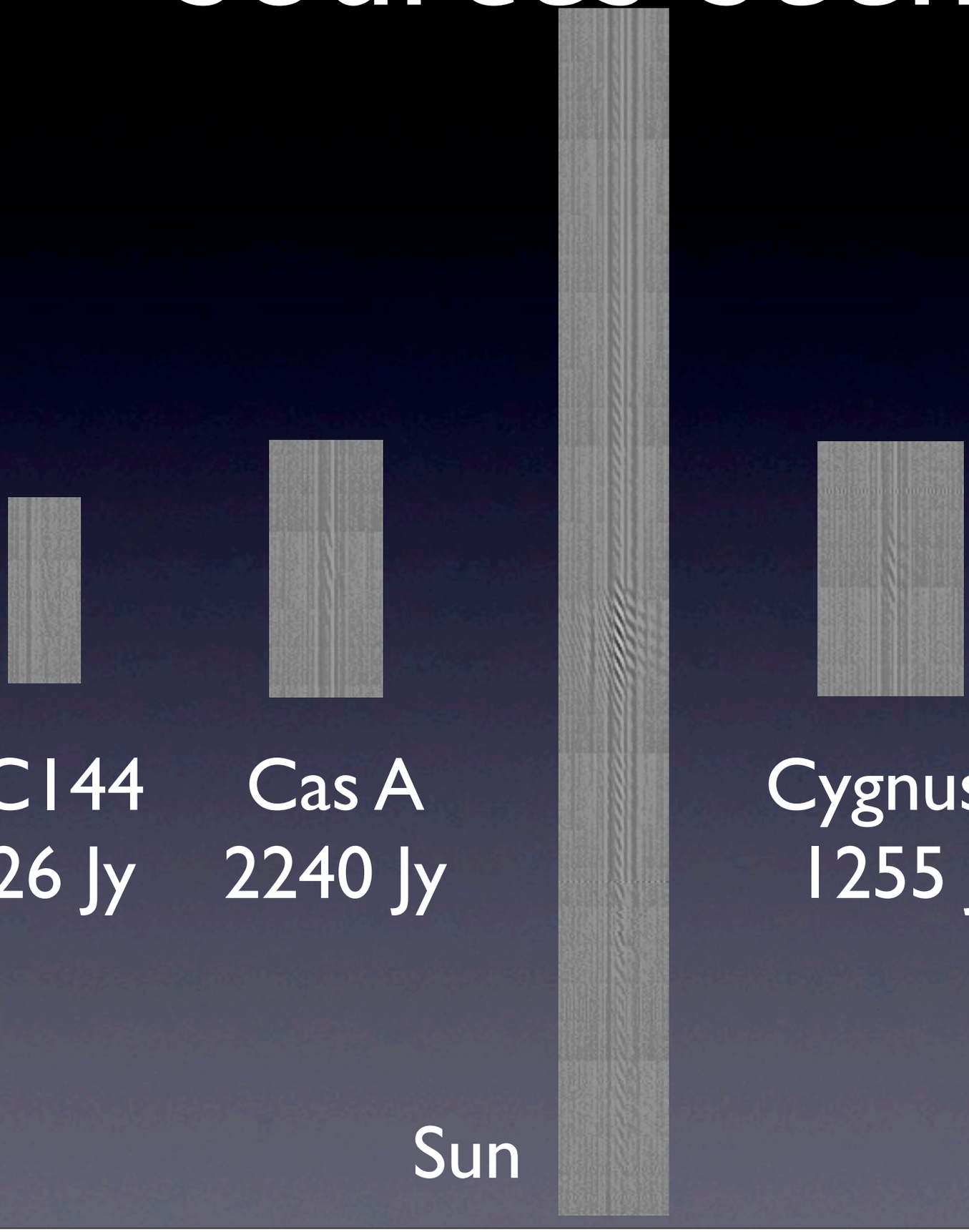


Data June-4-09 - Sun

West Amplitude Correlation fringes East Amplitude







Sources Seen