

# Observation and Present Data

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NAOC

# Current Status

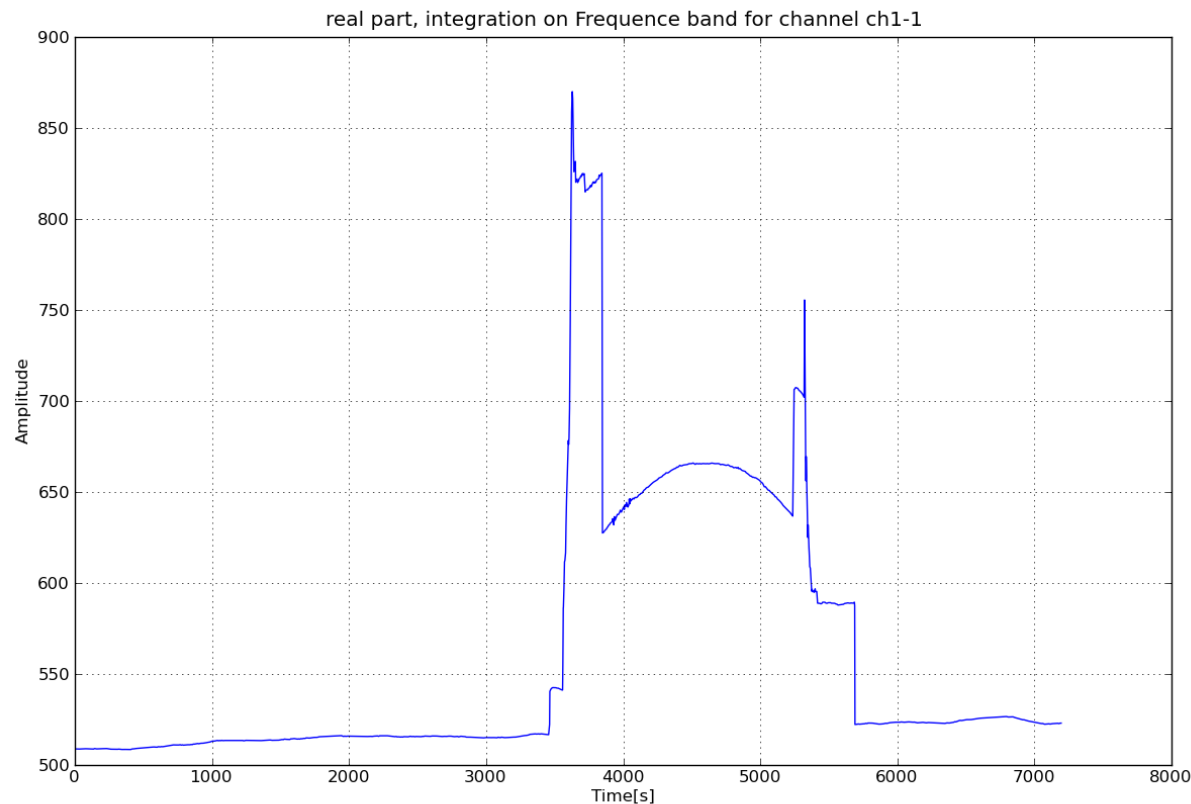
- 16-Dish system completed.
  - 3 to 4 channels function not well.
  - Observations:
    - Cas A, Cyg A, Crab Nebula, North Pole
- Cylinder system begin to work within 10 days.
  - Fix a few hardware problems on correlator.

# Dish System Parameters

- Functional Channels: <28
- Integration time: 1 sec
- Frequency Range: 700~800MHz
- Obs type: Transit

# Dish System Parameters

- Obs type: Transit

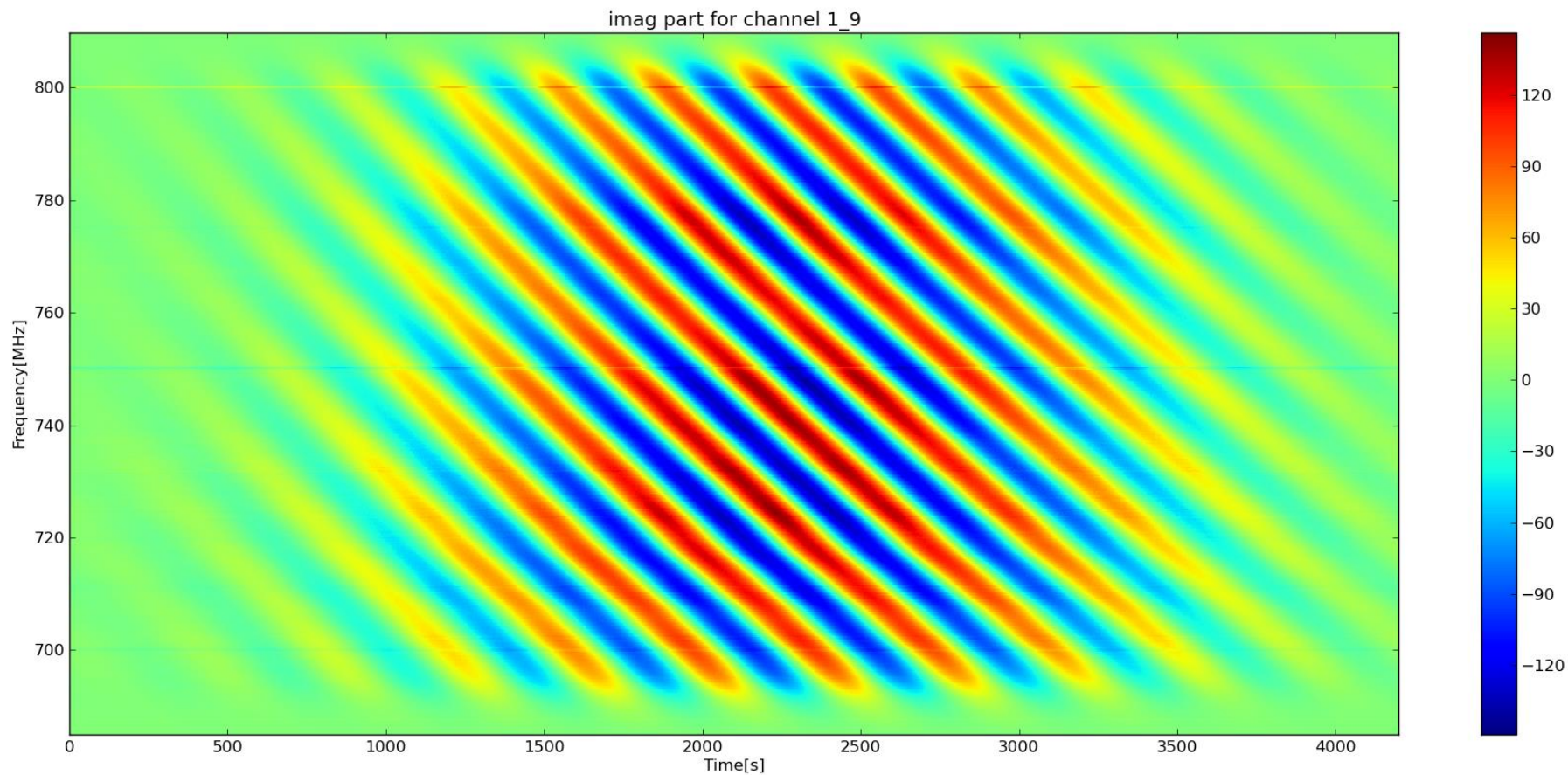


North and Cyg A?/Cas A

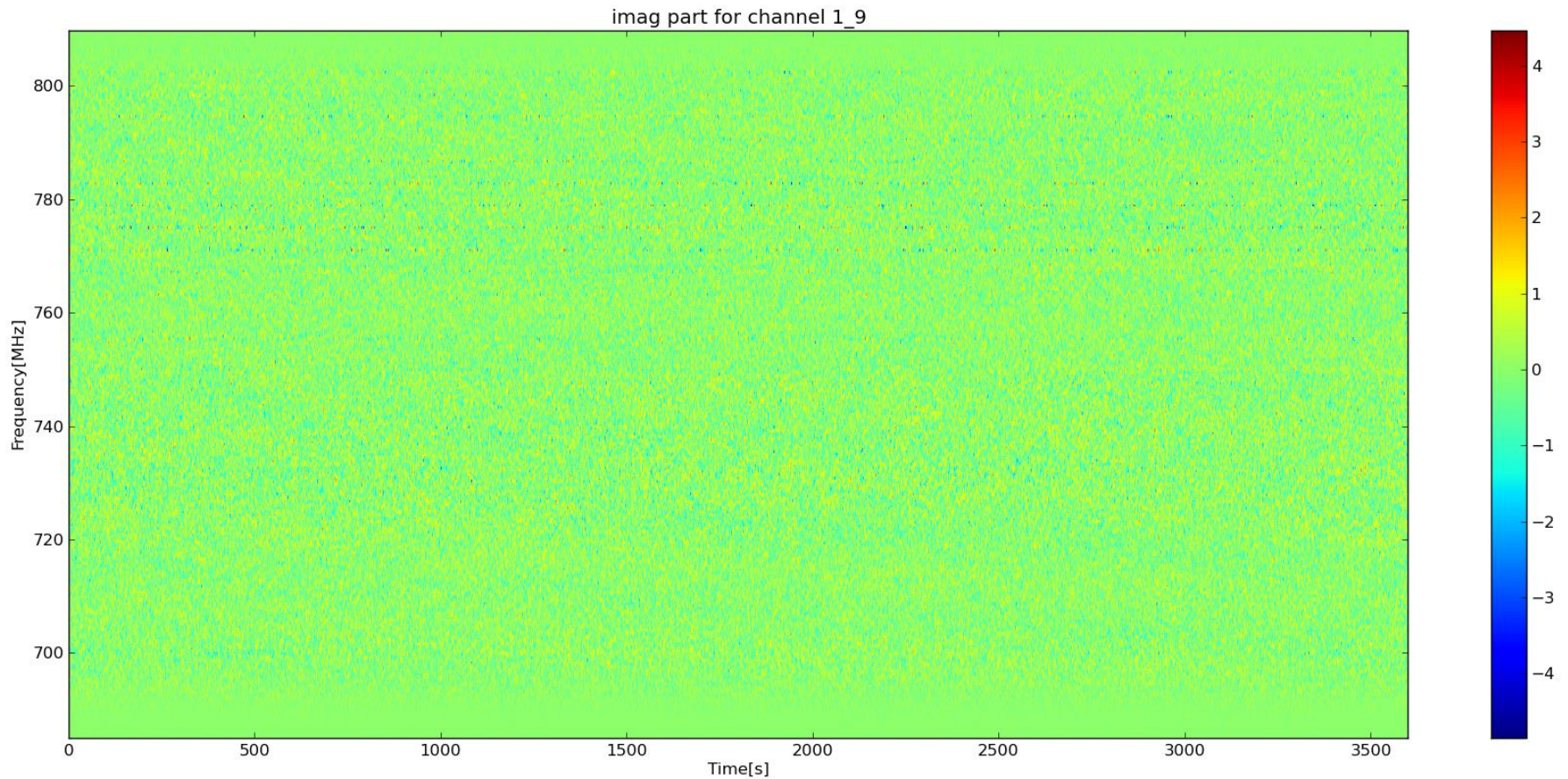
# Dish System Parameters

- Functional Channels: <28
- Integration time: 1 sec
- Frequency Range: 700~800MHz
- Obs type: Transit
- Dish Pointing Error

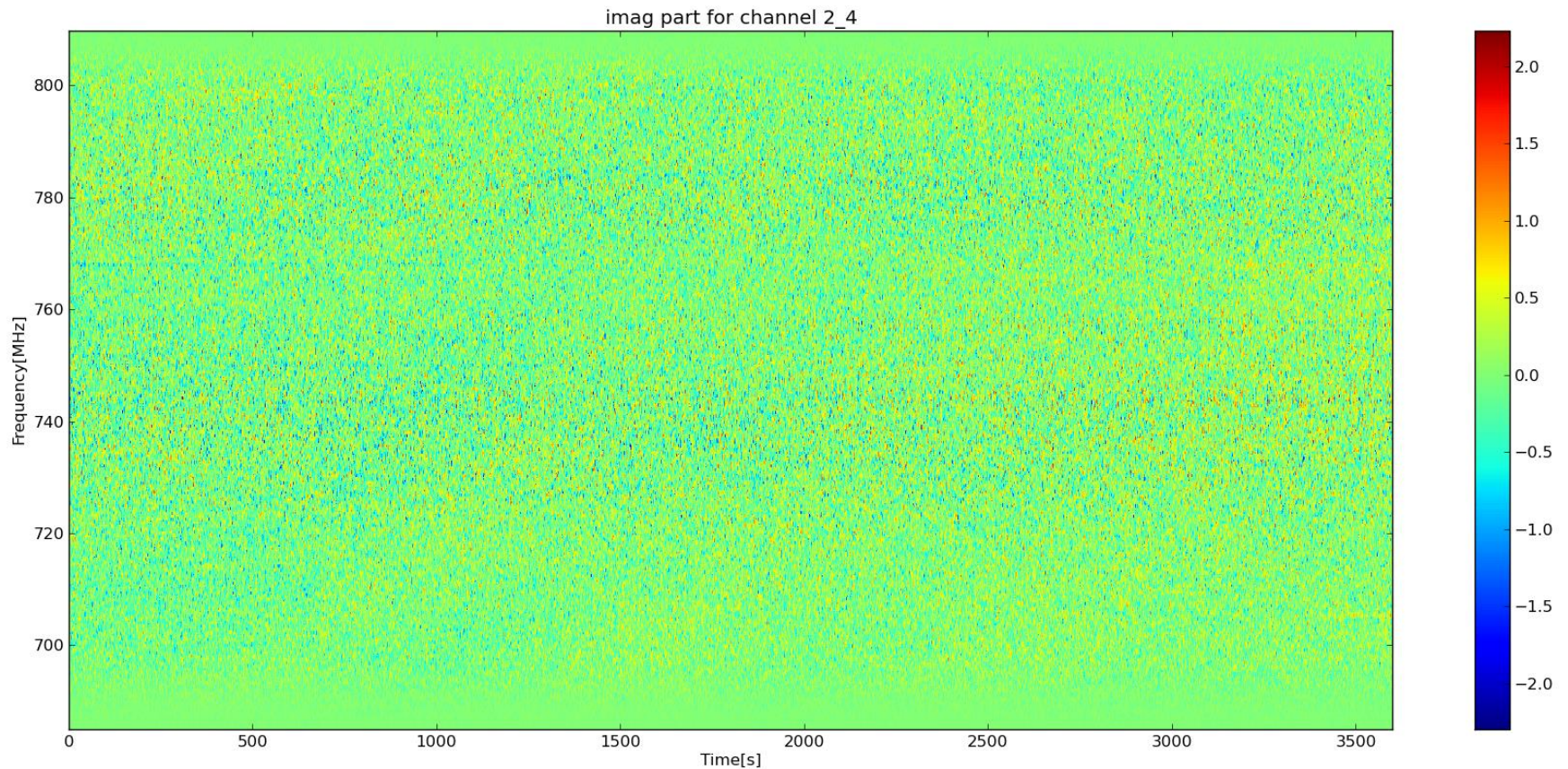
# Cassiopeia A



# North Pole

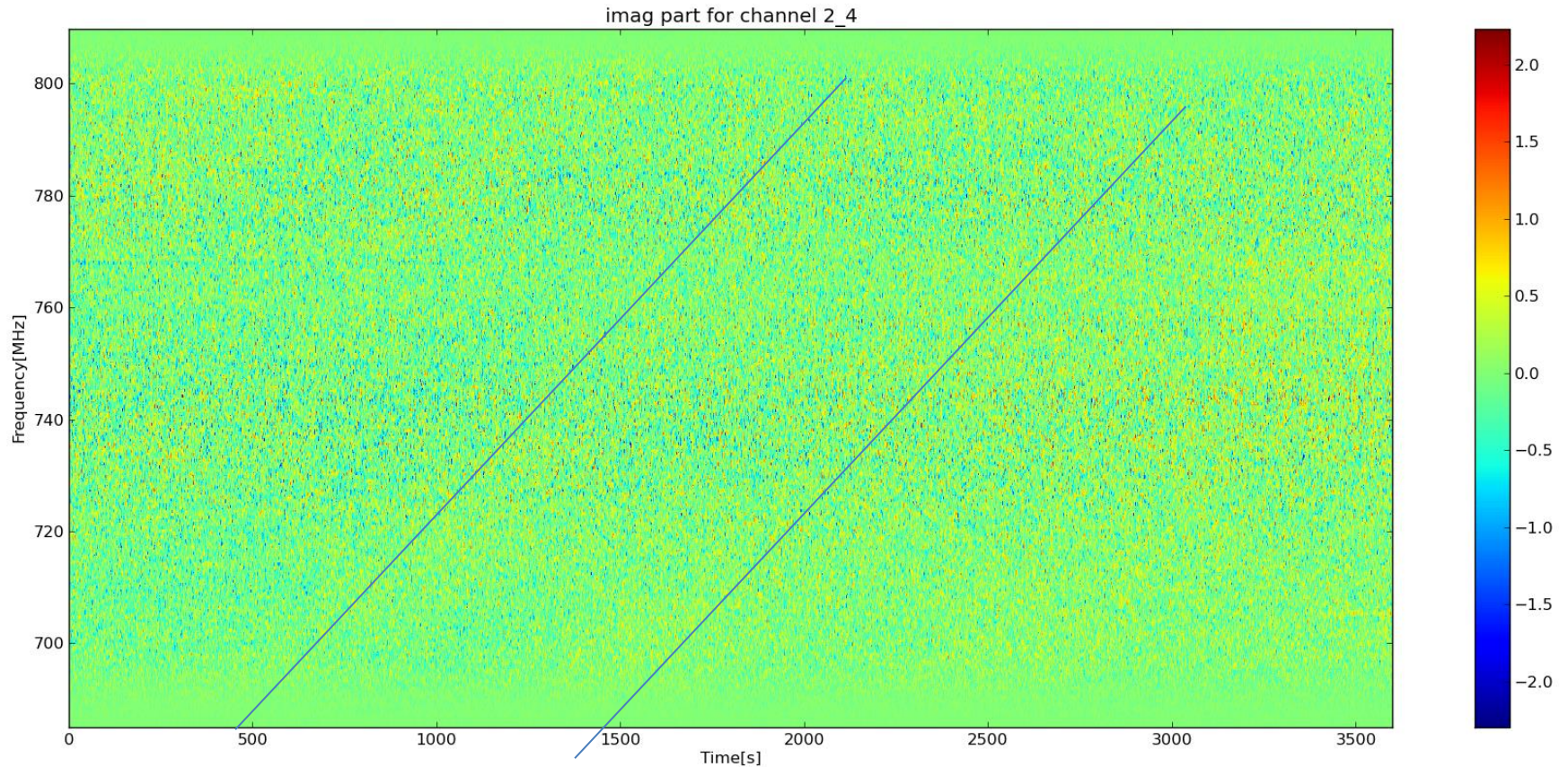


# North Pole



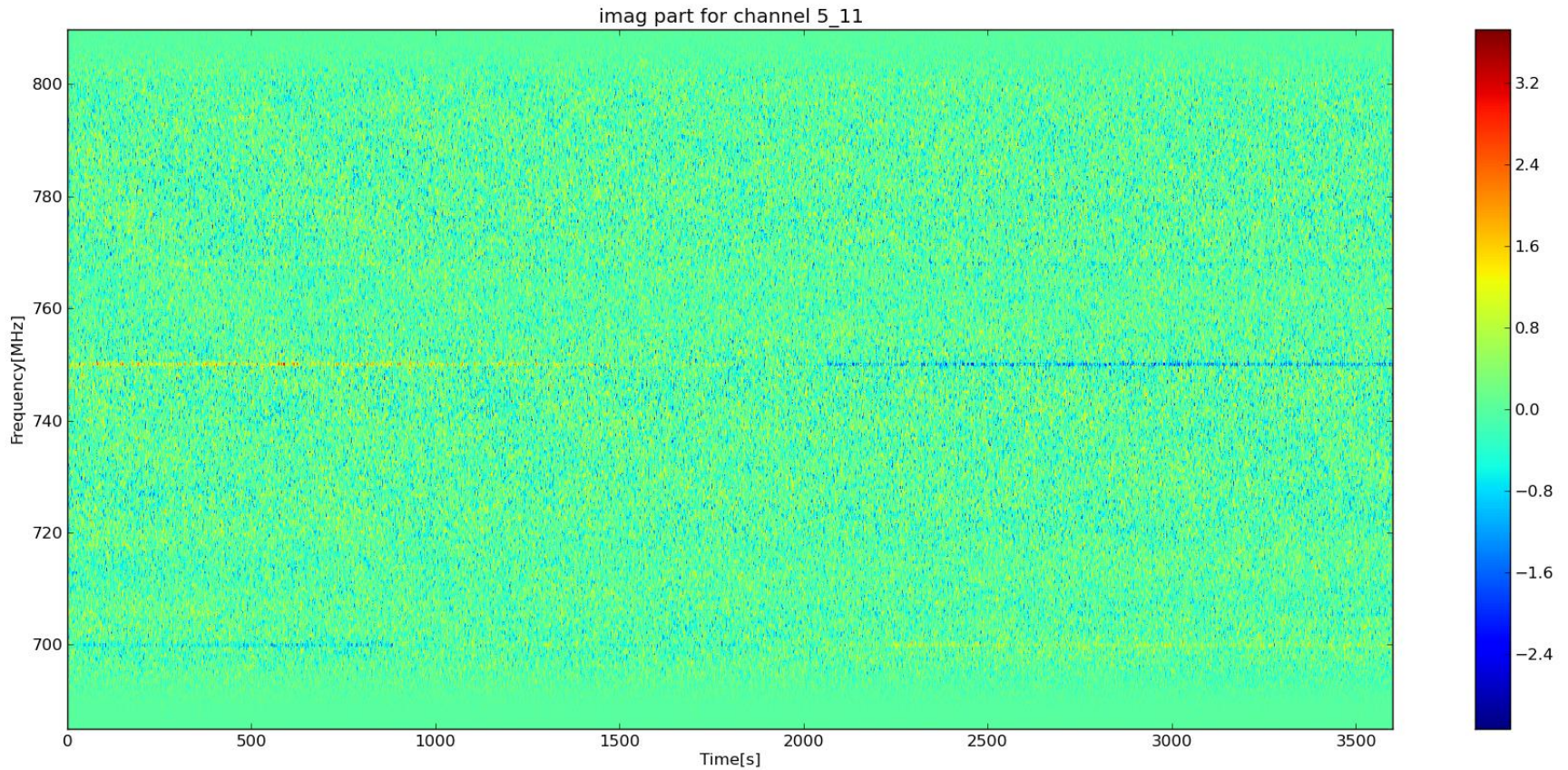
Bottom left → Top right

# North Pole



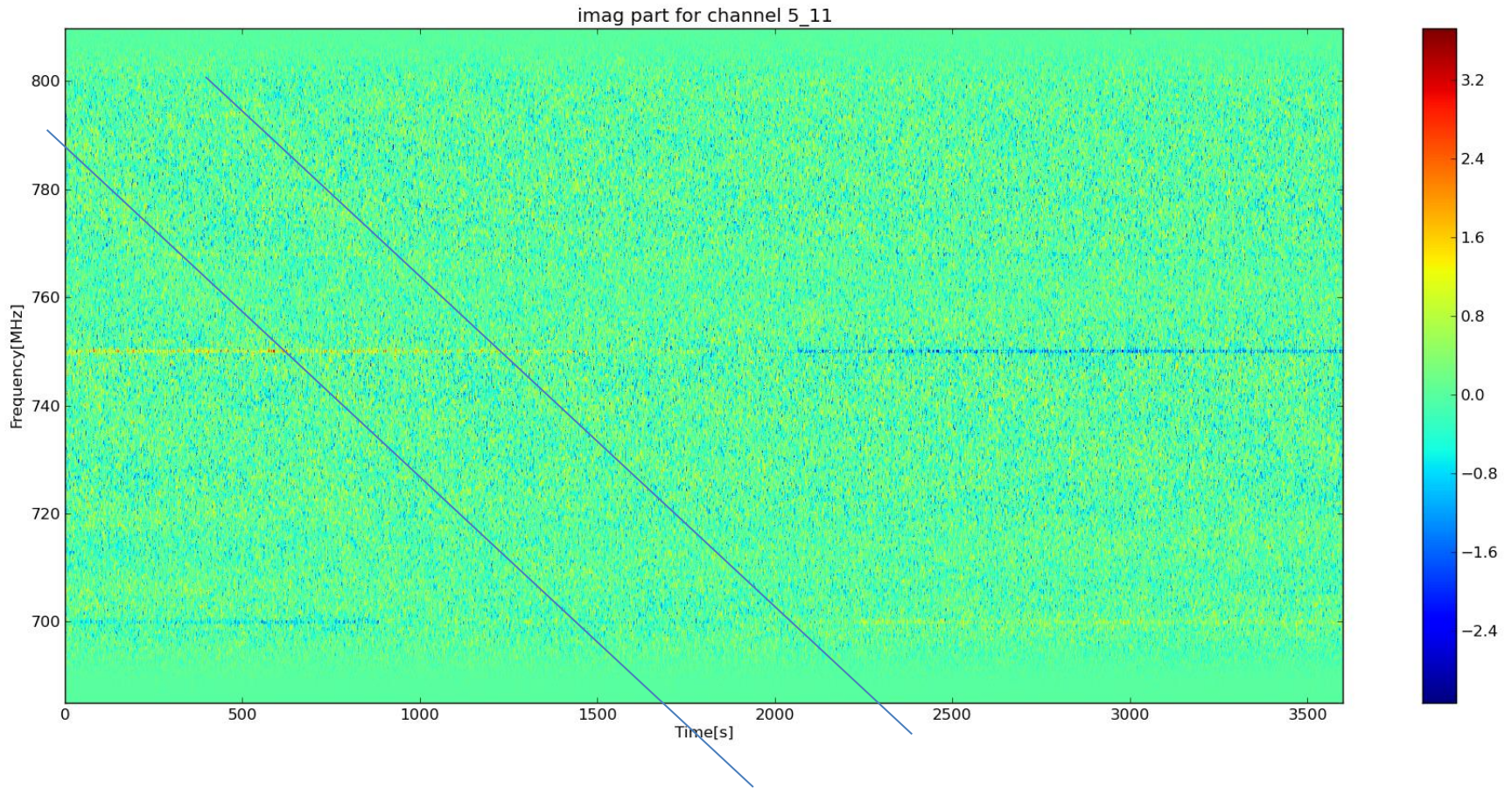
Bottom left → Top right

# North Pole



Top left → Bottom right

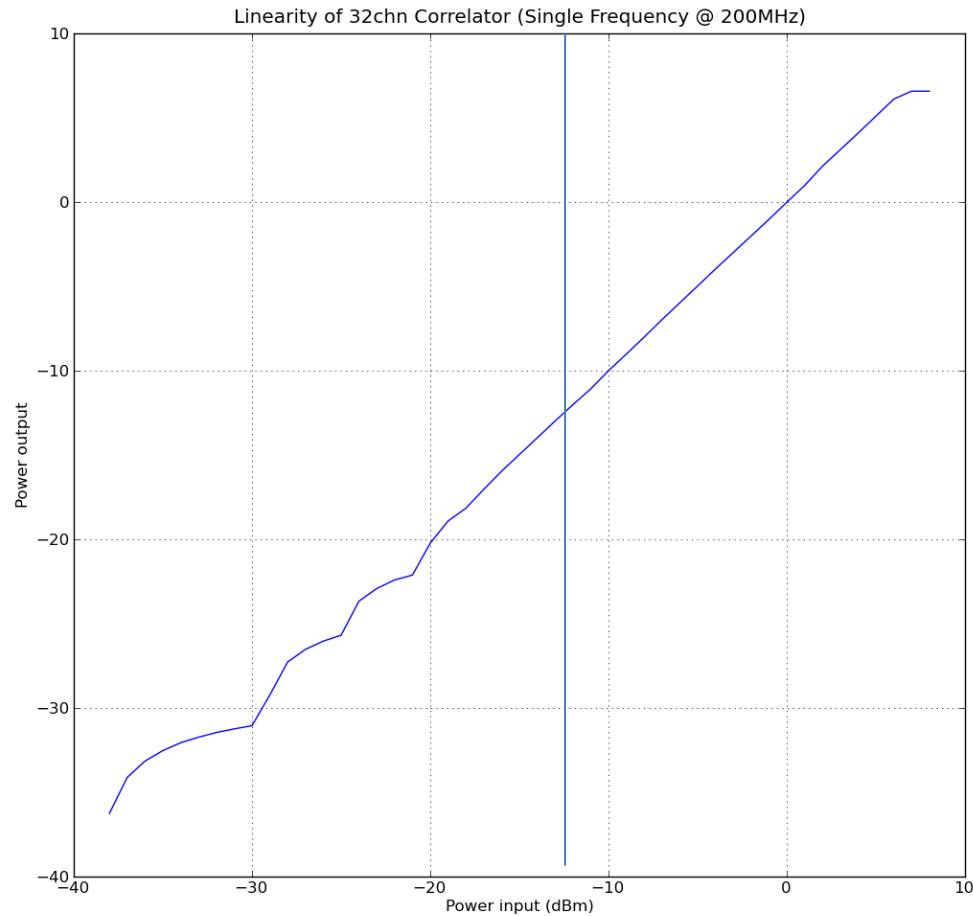
# North Pole



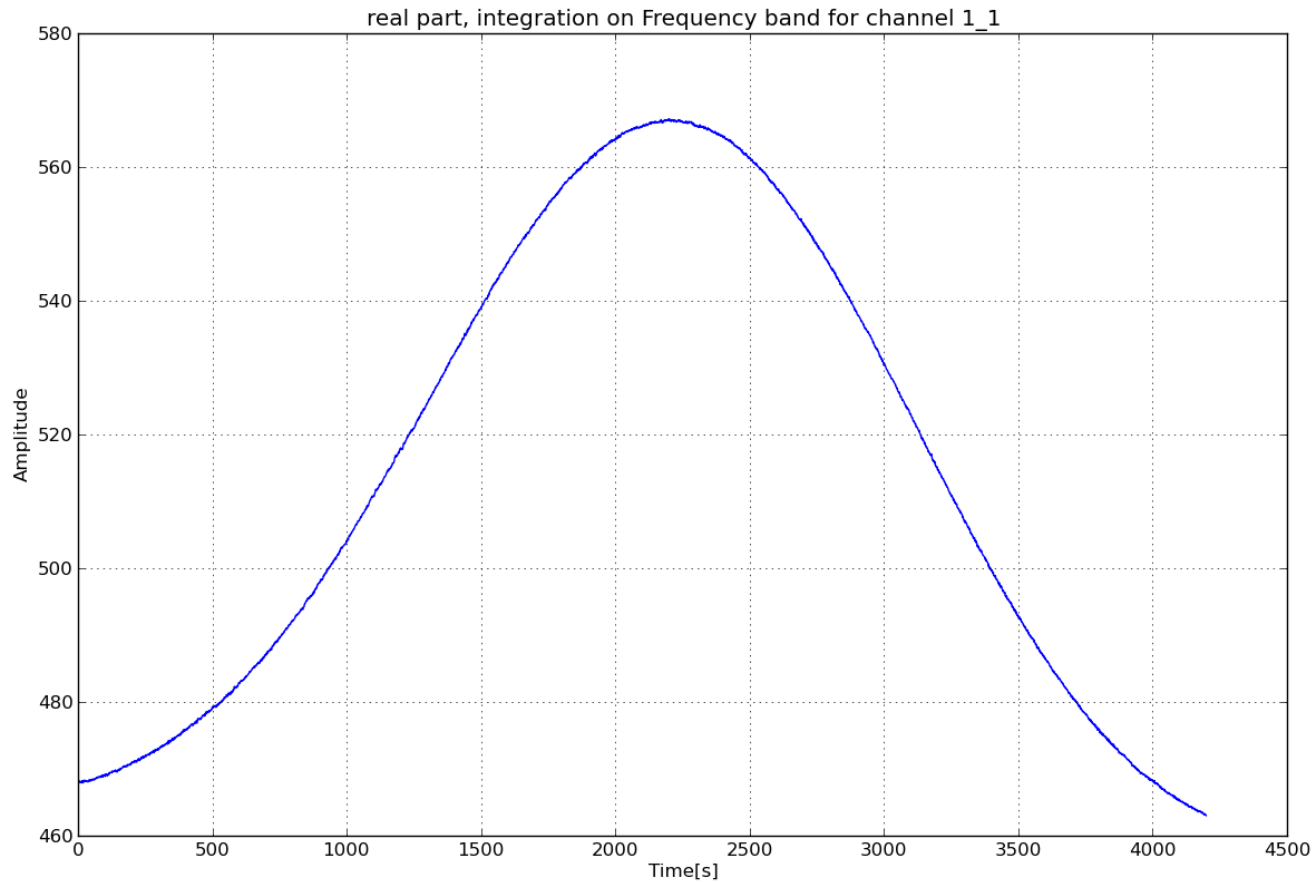
Top left → Bottom right

# Correlator Linearity

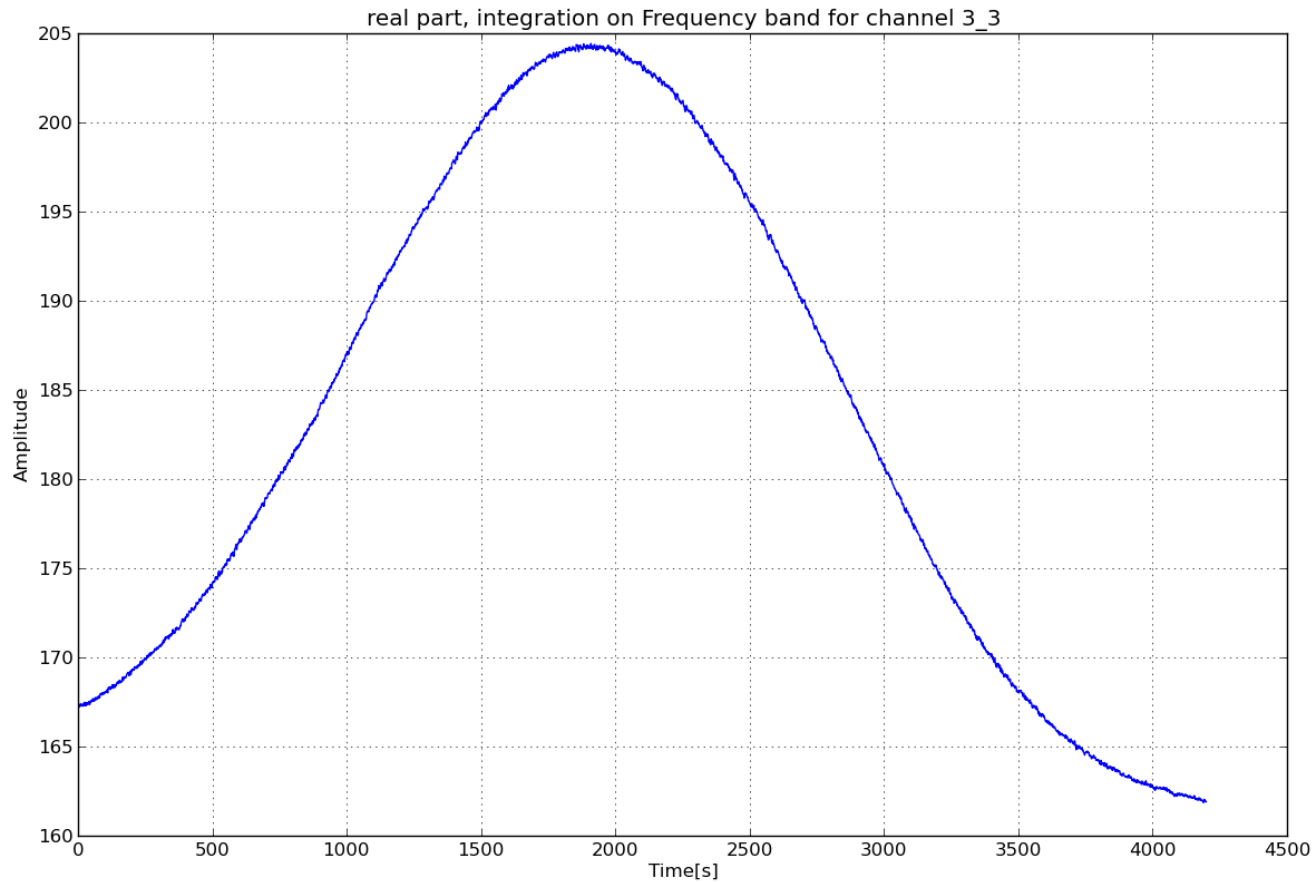
IF level:  
-13dBm/250MHz



# Cas A Transit Time



# Cas A Transit Time



# Cas A Transit Time

