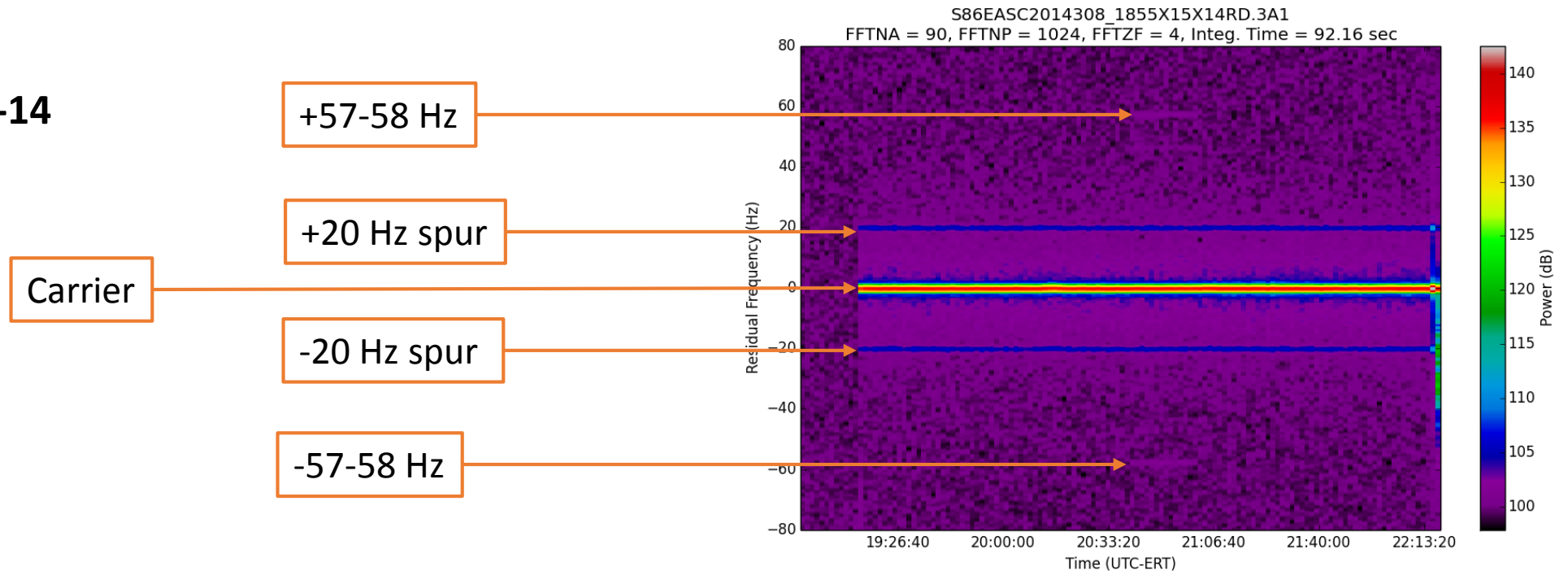


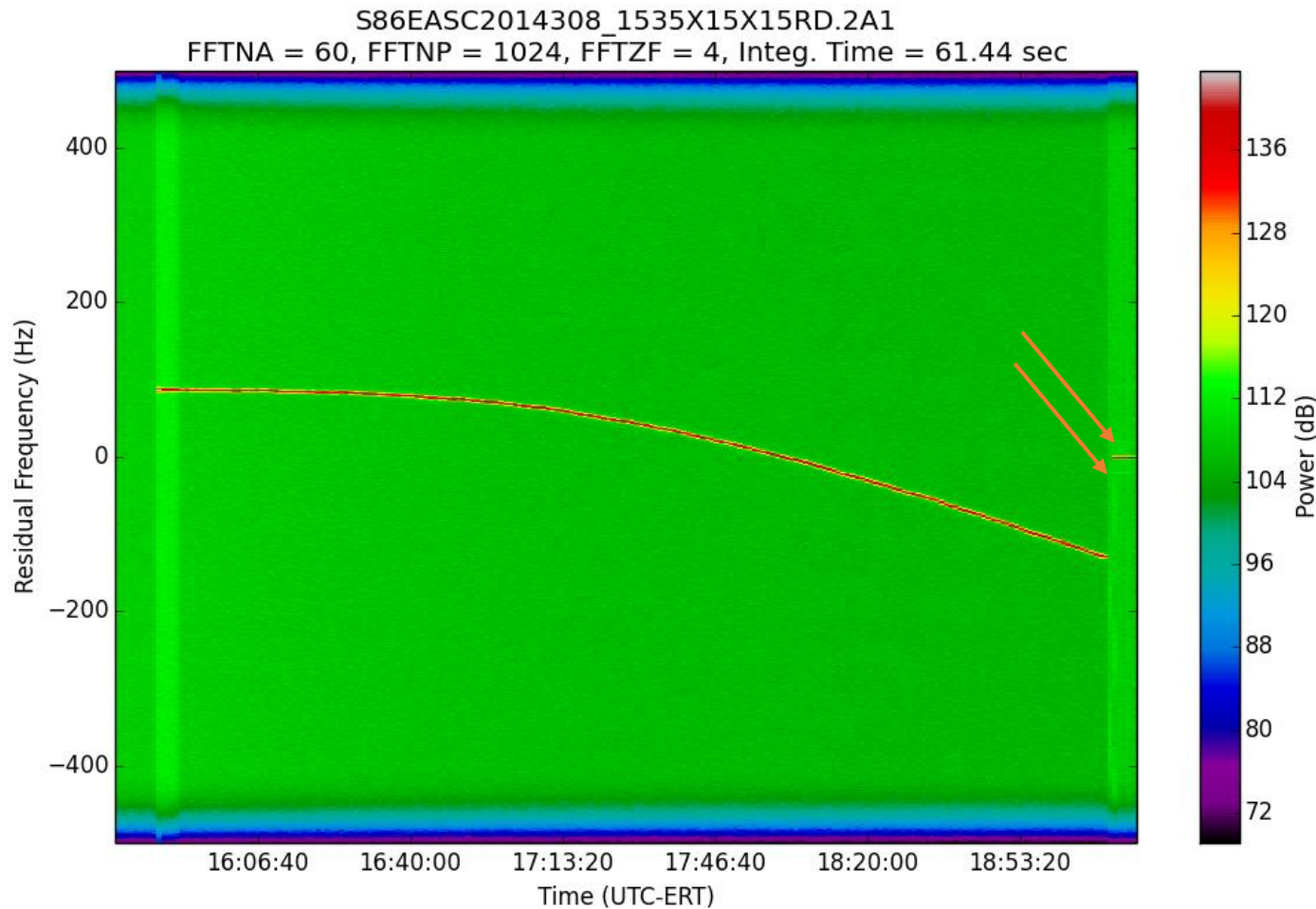
# 2014-308 Spur Summary

- Clear X-band Spurs  $\pm 20$  Hz off the carrier during coherent tracking at both DSS-15 and DSS-14
- Intermittent X-band Spurs  $\pm 57-58$  Hz off the carrier from 20:41 - 21:01 at DSS-14
- Small S-band Spurs  $\pm 20$  Hz off the carrier during coherent tracking at only DSS-14

Zoom-in at  
X-band, DSS-14



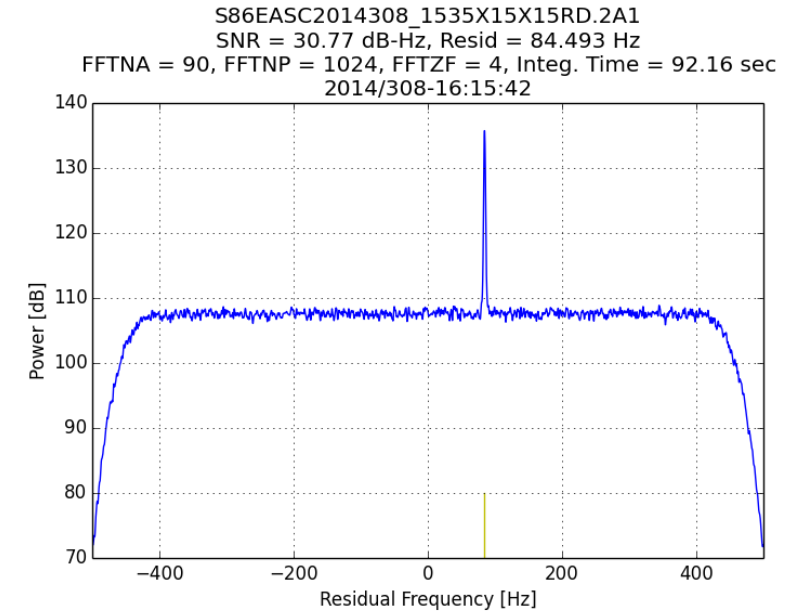
# 2014-308 DSS-15 X-band



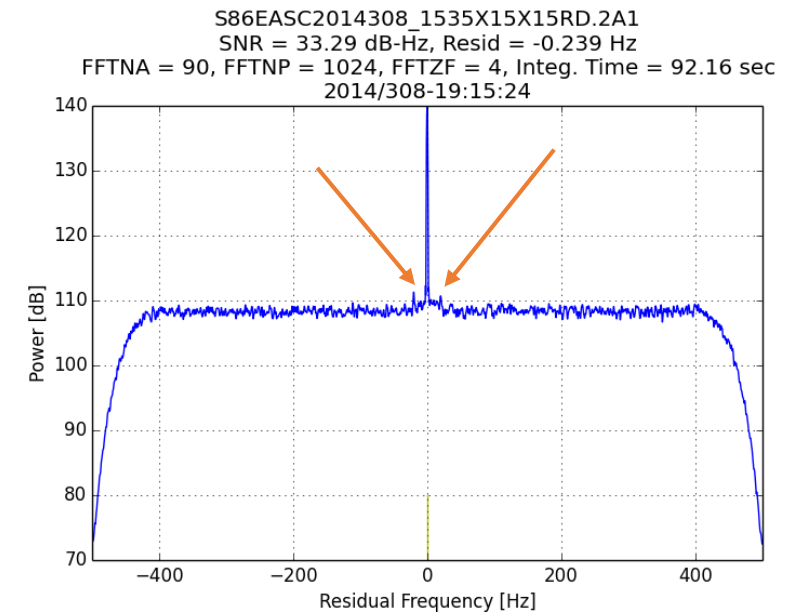
11/6/2014

Buccino

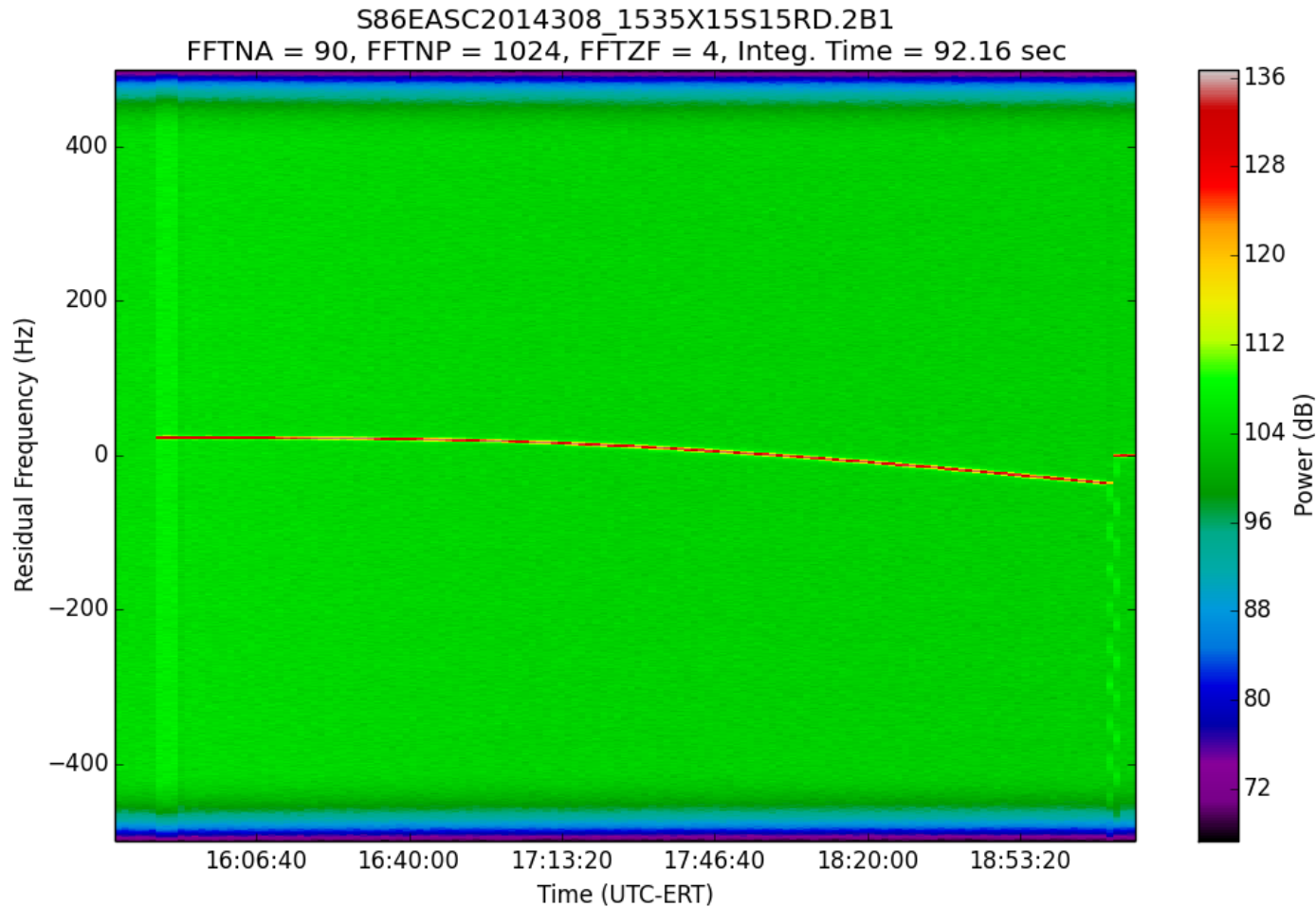
## 1-Way @ 16:15



## Coherent @ 19:15



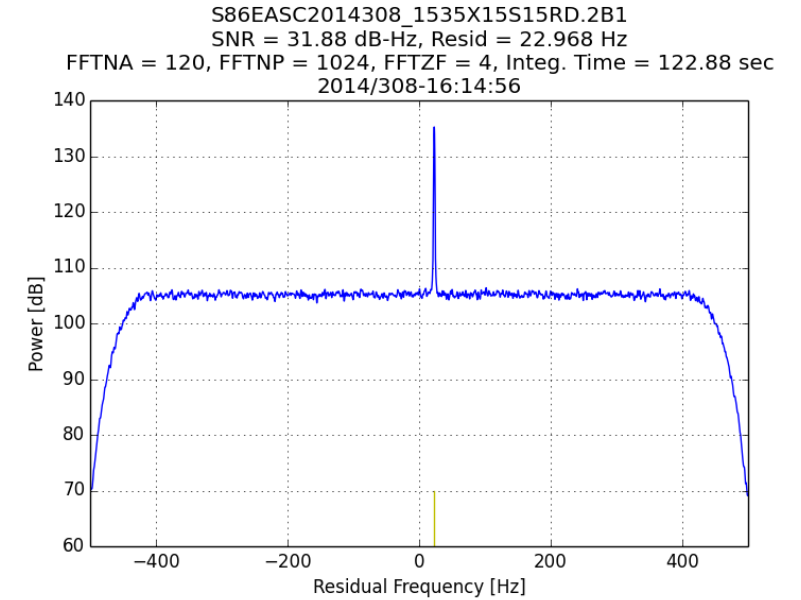
# 2014-308 DSS-15 S-band



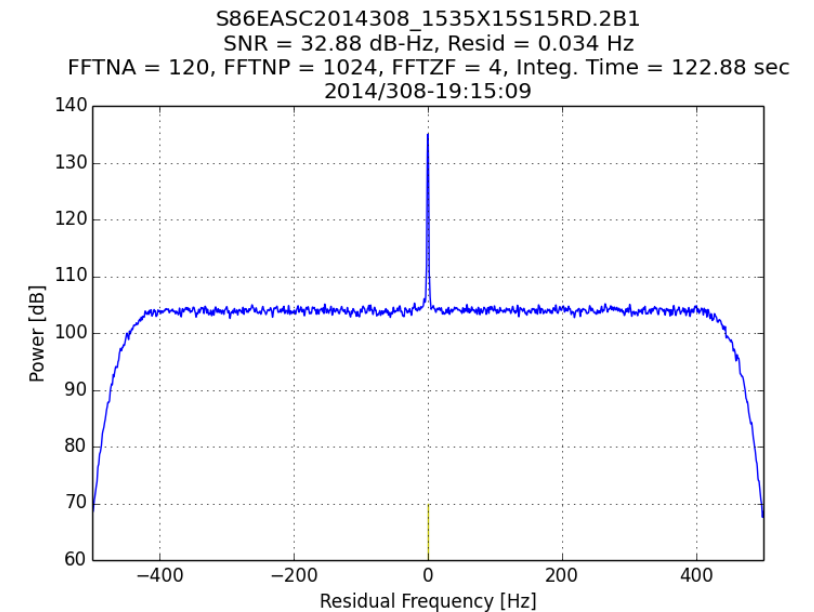
11/6/2014

Buccino

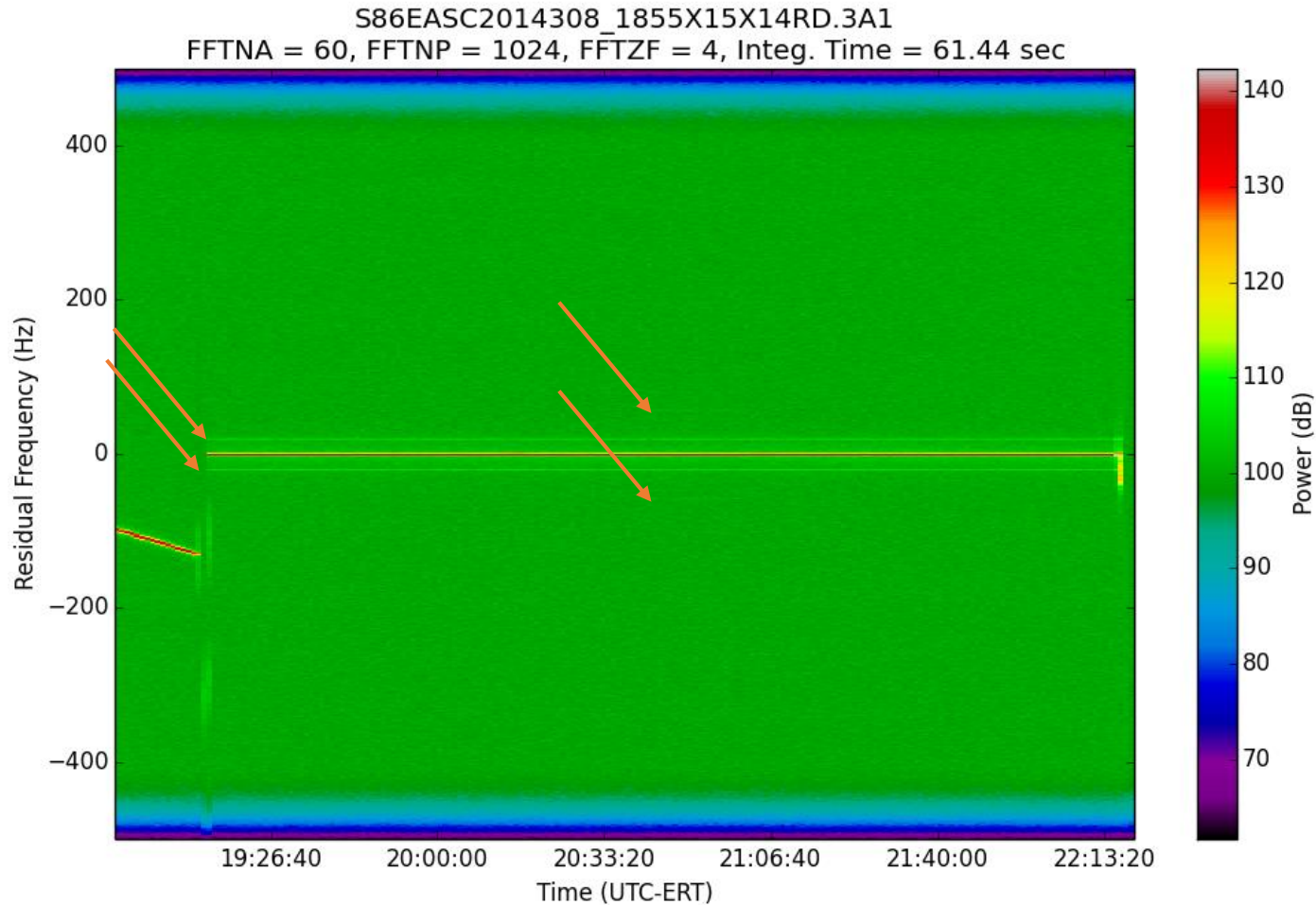
## 1-Way @ 16:15



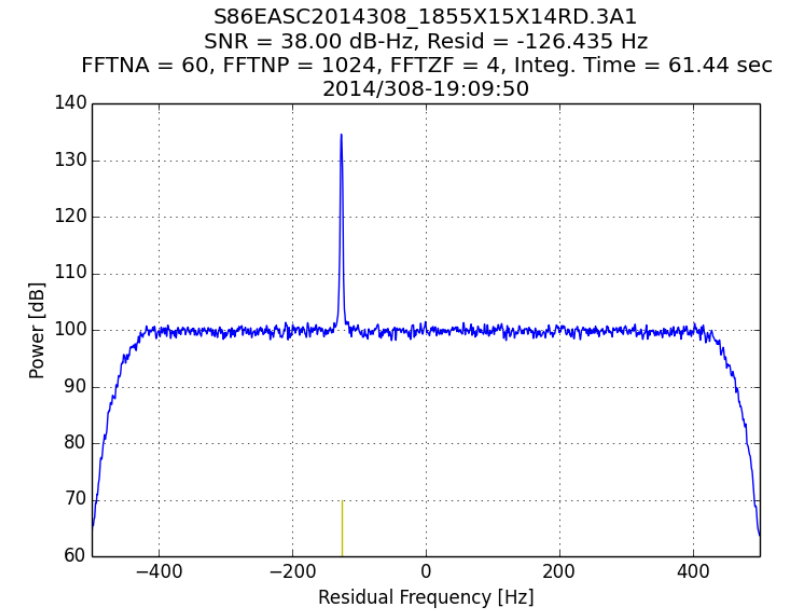
## Coherent @ 19:15



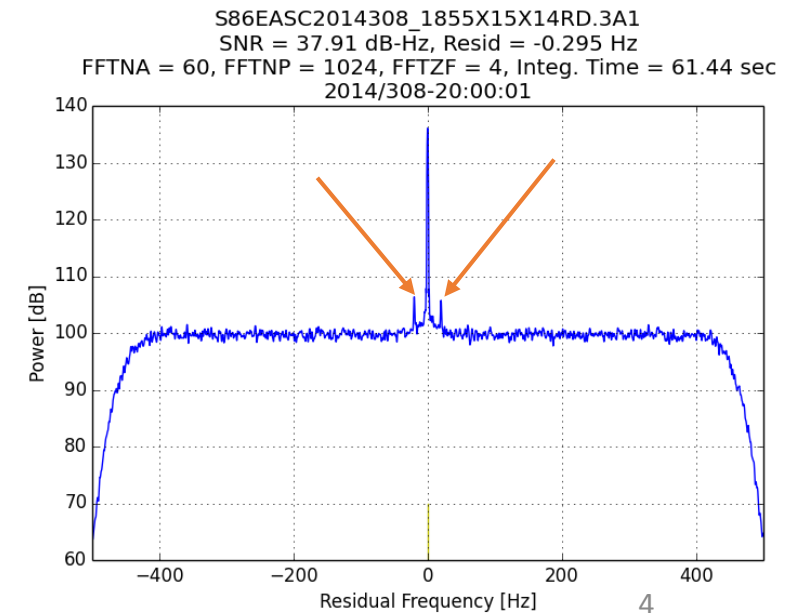
# 2014-308 DSS-14 X-band



## 1-Way @ 19:10

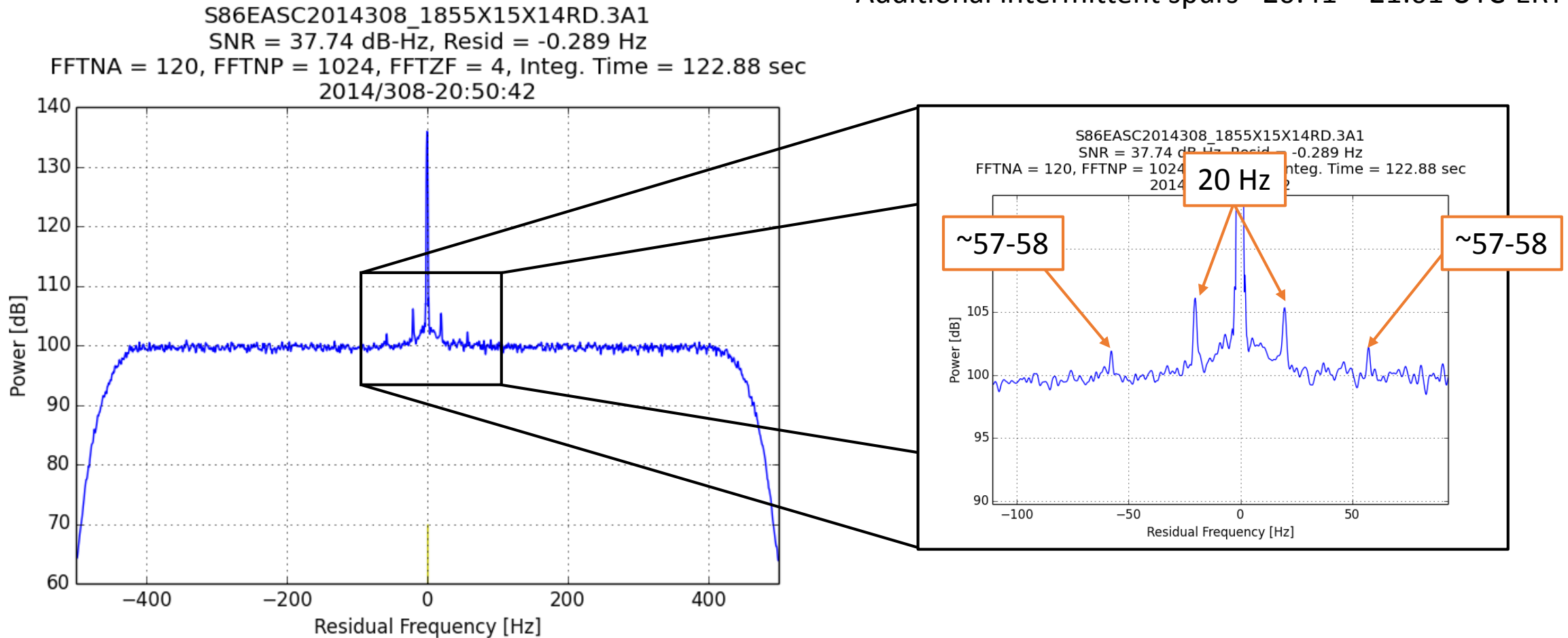


## Coherent @ 20:00



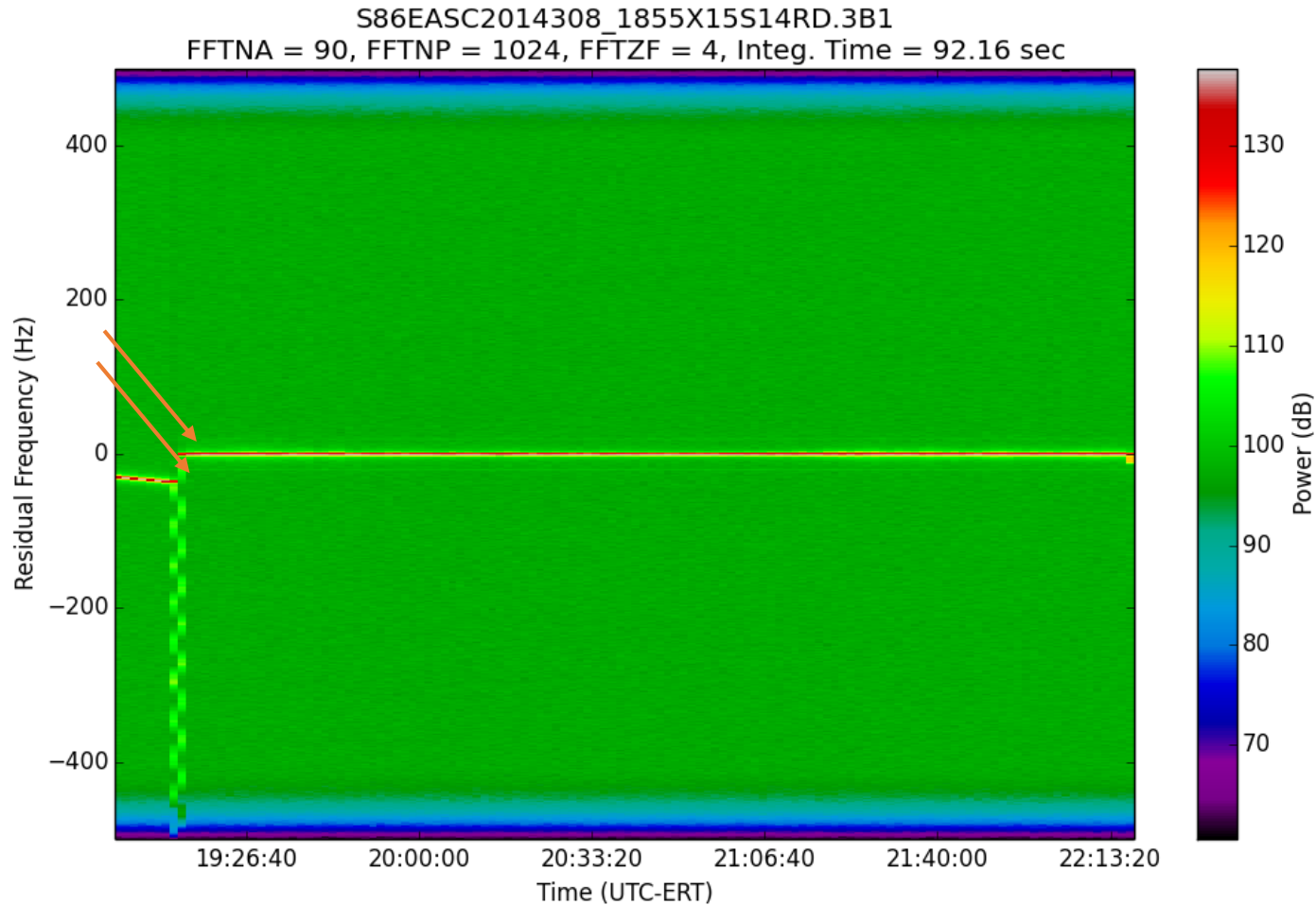
# 2014-308 DSS-14 X-band (continued)

Additional intermittent spurs ~20:41 – 21:01 UTC-ERT





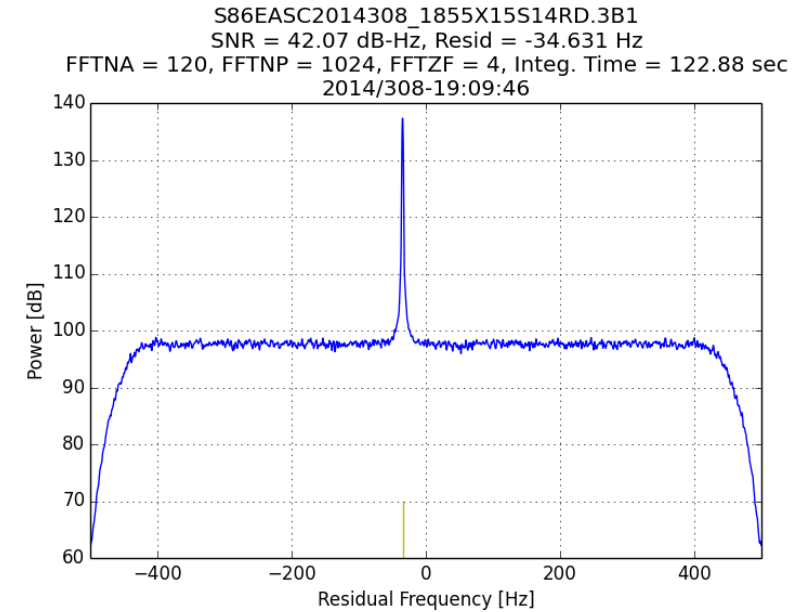
# 2014-308 DSS-14 S-band



11/6/2014

Buccino

## 1-Way @ 19:10



## Coherent @ 20:00

