



## *A low frequency look at two giant radio galaxies*

*Aleksandar Shulevski + Raffaella Morganti + the nearby AGN group (ASTRON)*

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*Assen*

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Netherlands Institute for Radio Astronomy

What are GRGs and why low frequencies

LOFAR imaging of NGC 6251 and 3C 236

Results and prospects

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Mpc

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GRG) > 1 Mpc

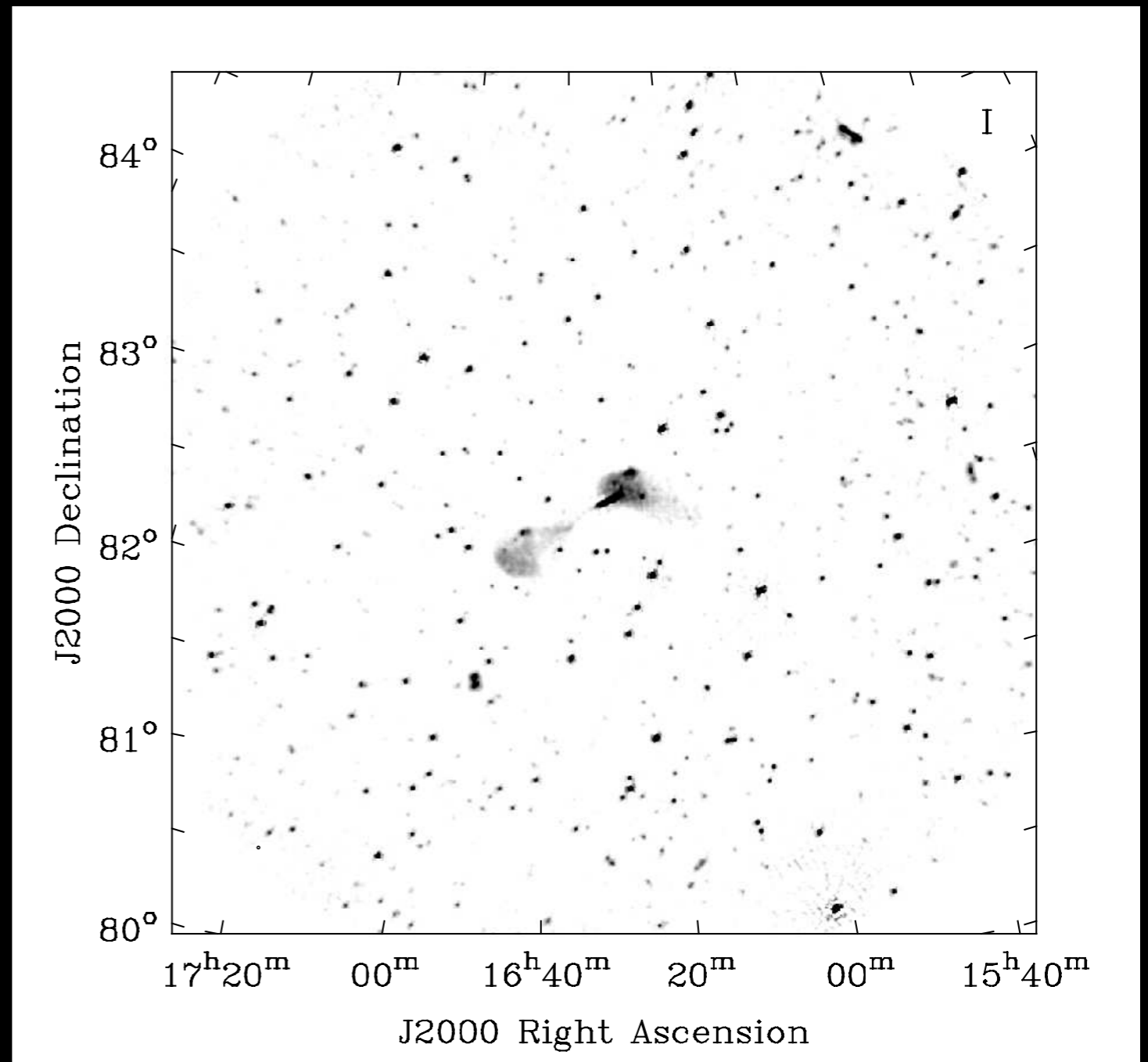
1 degree  
200,000 light-years

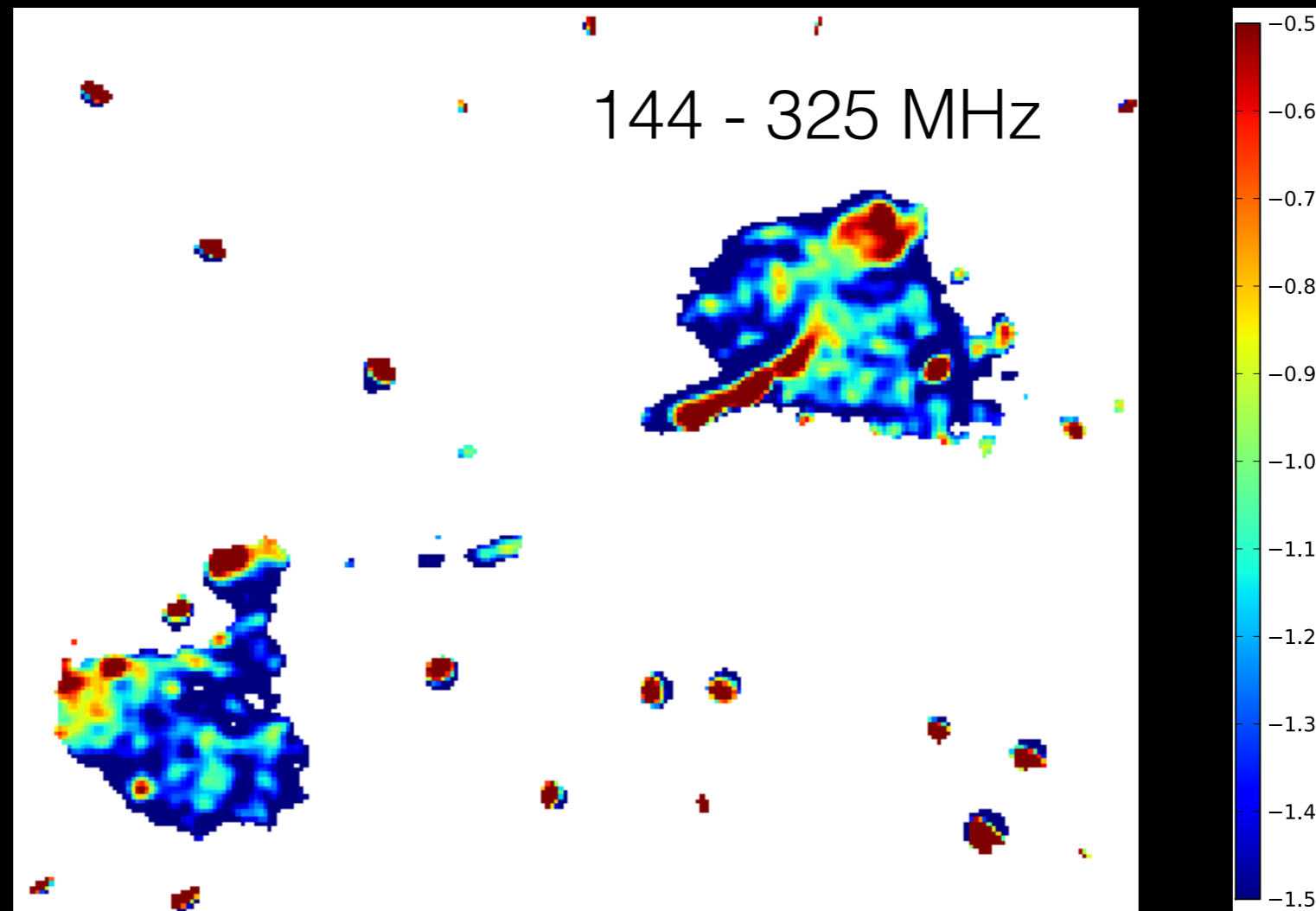
## NGC 6251

Observation duration: 4 hrs

Image:

- $f = 144$  MHz
- BW: 36 MHz
- noise: 4 mJy/b
- res:  $55''$



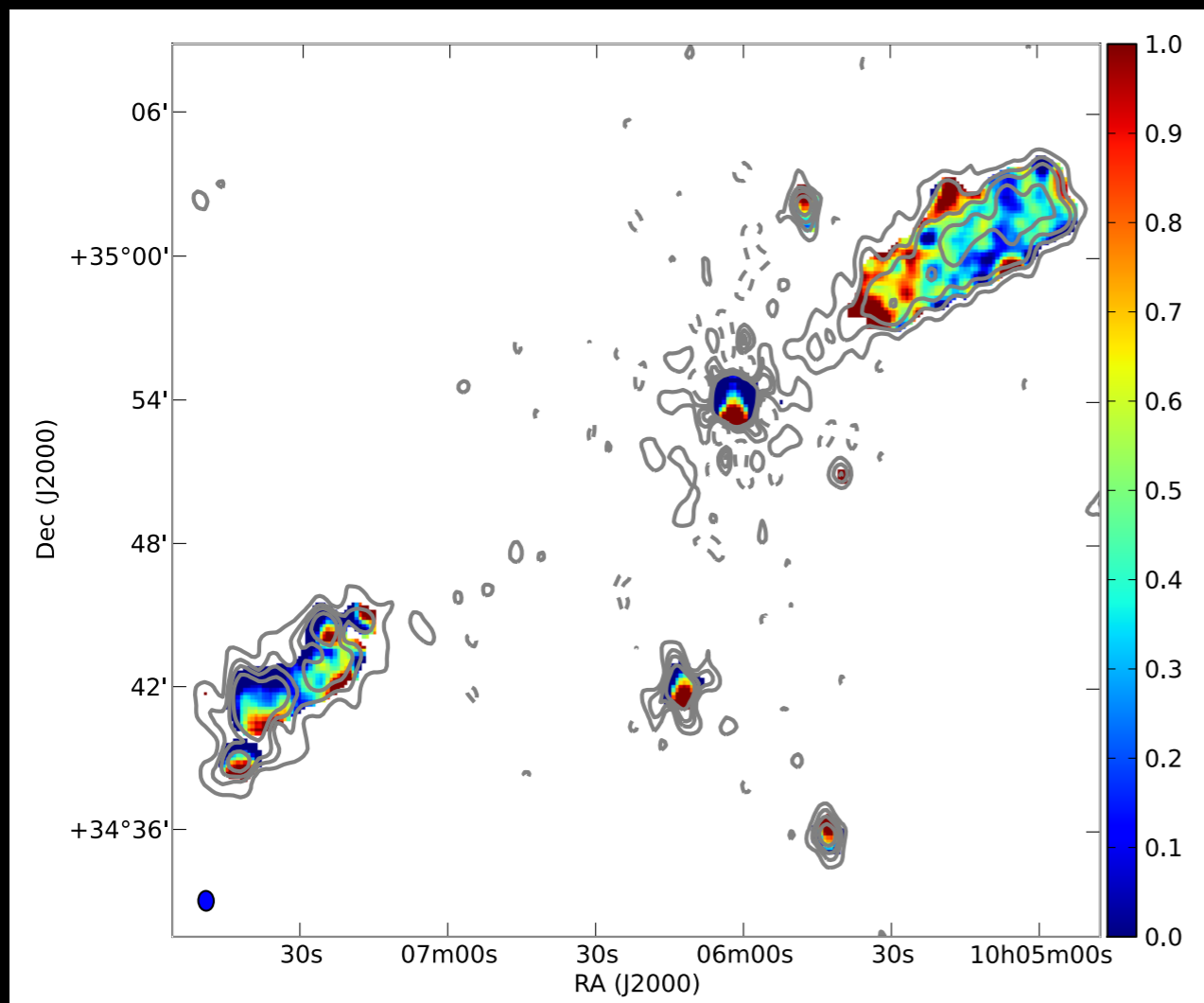


3C 236

Spectral curvature

$\text{spc} = 144/609 - 609/1400 \text{ MHz}$

Older plasma in the inner NW lobe



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