

Site Title

Observing Band

?

L band – 21 cm

L band – 18 cm

C band – 5 cm

...

Network

?

EVN

e-EVN

VLBA

...

Help dialogs that explain each field

Observing Start Time

?

Observing end Time

Source coordinates (h m s, d m s)

Optional:

Probably “optional” condition should go away...

% time on-target

Total Bandwidth

Number of subbands (IFs):

Number of spectral channels:

16 channels

32 channels

...

Number of polarizations:

Integration time:

Antennas

Sensitivity

Plots

Images

EVN Antennas:

☒ Effelsberg

☒ Torun

☒ ...

☐ Onsala

☐ Onsala

☐ ...

VLBA Antennas:

☒ Effelsberg

☒ Torun

☒ ...

☐ Onsala

☐ Onsala

☐ ...

...

...

Only shows antennas that can observe the selected band.

+LBA

+KVA

+GMVA

+EHT?

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Estimated image thermal noise:

10 uJy/beam

0.1 mJy/beam per spectral channel.

Here is more realistic than the current calculator as it considers when antennas can observe the source

Resulting FITS file size:

50 GB

Field of View limited by bandwidth-smearing to:

5 arcsec

We should give smearing per-channel number too.

Field of View limited by time-smearing to:

5 arcsec

Estimated synthesized beam?

Possibly...

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EL vs UT

elevation vs time (UTC and GST)

times with sources up for the different antennas.

Note that this is not SCHED: limits are due to source elevation only. Would be much harder to include off-limits like Wb in the north due to its mount, or Arecibo limits.

HD15558

J0207+6246

3C84

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Integration time:

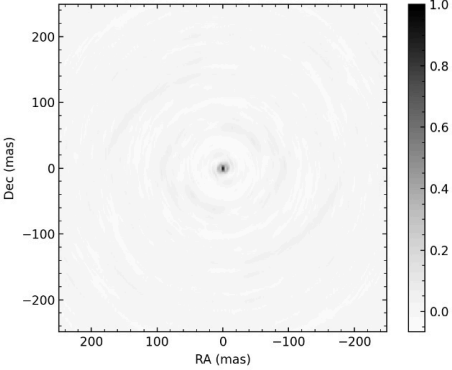
Antennas

Sensitivity

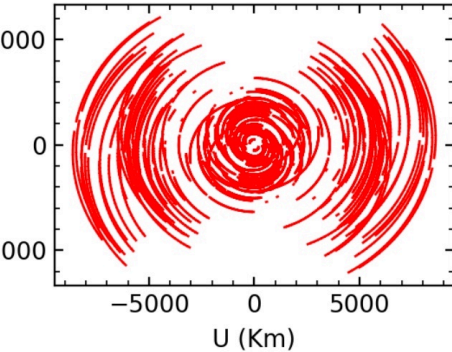
Plots

Images

Beam for HD15558 at 19.7 cm



HD15558



uv coverage and dirty beam images.

Estimated synthesized beam?

Possibly...