

rg14h

Description	RadioAstron Imaging of high-redshift quasars
Antennas	At-Cd-Ho-Ud-Ks-Ti-Br-Fd-Mp-Us-Kp-La-Mk-Nl-Ov-Pt-Wa-T6-Pu-Pa-Bd-Ur-Zc-Ir-Sv-Hh
Start	108 10:30:00
Stop	108 19:50:00
PI	Leonid Gurvits

Setup ra18cm2:

Station Modes	Cd Ho Pa
Channel 1	IFP#1-L0 1652 - 1668 MHz LSB RCP
Channel 2	IFP#1-HI 1668 - 1684 MHz USB RCP
Channel 3	IFP#2-L0 1652 - 1668 MHz LSB LCP
Channel 4	IFP#2-HI 1668 - 1684 MHz USB LCP
DAS 1 Skyfreq	1668 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Ud
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ks
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1668 - 1684 MHz USB LCP
Channel 4	1652 - 1668 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ti
Channel 1	IFP#1-L0 1652 - 1668 MHz LSB LCP
Channel 2	IFP#1-HI 1668 - 1684 MHz USB LCP
DAS 1 Skyfreq	1668 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Br Fd
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1652 - 1668 MHz LSB LCP
Channel 4	1668 - 1684 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Pu
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1668 - 1684 MHz USB LCP

Channel 4	1652 - 1668 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra6cm2:

Station Modes	At Mp
Channel 1	IFP#1-L0 4820 - 4836 MHz LSB RCP
Channel 2	IFP#1-HI 4836 - 4852 MHz USB RCP
Channel 3	IFP#2-L0 4820 - 4836 MHz LSB LCP
Channel 4	IFP#2-HI 4836 - 4852 MHz USB LCP
DAS 1 Skyfreq	4836 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)

Station Modes	Us
Channel 1	4836 - 4852 MHz USB LCP
Channel 2	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Kp La Mk Nl Ov Pt
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Wa T6 Ir
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Bd Zc Sv Hh
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Ur
Channel 1	4820 - 4836 MHz LSB RCP
Channel 2	4836 - 4852 MHz USB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz

DAS Mode	Mark5
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Mode changes:

108 10:30:00 ra6cm2
 108 10:45:00 ra18cm2
 108 10:45:00 ra6cm2
 108 10:45:00 ra18cm2
 108 11:35:30 ra6cm2
 108 13:45:00 ra18cm2
 108 13:45:00 ra6cm2
 108 13:45:00 ra18cm2
 108 14:36:00 ra6cm2
 108 17:15:00 ra18cm2
 108 17:15:00 ra6cm2
 108 17:15:00 ra18cm2
 108 19:28:00 ra6cm2

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/radioastron/rg14h>

Comments:

Observing comments for each antenna:

At	Cd	Ho	Ud	Ks	Ti	Br	Fd	Mp	Us	Kp	La	Mk	Nl	Ov	Pt	Wa	T6	Pu	Pa	Bd	Ur	Zc	Ir	Sv	Hh
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Observing Logs

[ATCA antenna summary](#)
[Parkes onsource flagging](#)
[ATCA onsource flagging](#)
[Mopra onsource flagging](#)
[Mopra Tsys \(plot\)](#)
[Parkes Tsys](#)

Weather

[ATCA Weather](#)
[Mopra Weather](#)
[Parkes Weather](#)

Monica log information - EXPERIMENTAL:

[Mopra Tsys](#)

[Parkes Tsys](#)

[ATCA Tsys](#)

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