

**rd05b**

<b>Description</b>	RadioAstron Imaging of high-redshift quasars
<b>Antennas</b>	At-Wa-Mp-Us-Ti-Ks-Ho-Ud-Pu-T6-Km-Bd-Ur-U2-Sh
<b>Start</b>	173 05:25:00
<b>Stop</b>	173 11:05:00
<b>PI</b>	Leonid Gurvits

Setup ra18cm2:

<b>Station Modes</b>	Ti
<b>Channel 1</b>	IFP#1-L0 1652 - 1668 MHz LSB RCP
<b>Channel 2</b>	IFP#1-HI 1668 - 1684 MHz USB RCP
<b>Channel 3</b>	IFP#2-L0 1652 - 1668 MHz LSB LCP
<b>Channel 4</b>	IFP#2-HI 1668 - 1684 MHz USB LCP
<b>DAS 1 Skyfreq</b>	1668 MHz
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	16mhz_ul ( <a href="#">telescope</a> )
<b>Station Modes</b>	Ks Ud
<b>Channel 1</b>	1668 - 1684 MHz USB RCP
<b>Channel 2</b>	1652 - 1668 MHz LSB RCP
<b>Channel 3</b>	1668 - 1684 MHz USB LCP
<b>Channel 4</b>	1652 - 1668 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	Ho
<b>Channel 1</b>	1668 - 1684 MHz USB RCP
<b>Channel 2</b>	1652 - 1668 MHz LSB RCP
<b>Channel 3</b>	1668 - 1684 MHz USB LCP
<b>Channel 4</b>	1652 - 1668 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	Pu
<b>Channel 1</b>	1668 - 1684 MHz USB RCP
<b>Channel 2</b>	1652 - 1668 MHz LSB RCP
<b>Channel 3</b>	1668 - 1684 MHz USB LCP
<b>Channel 4</b>	1652 - 1668 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	Sh
<b>Channel 1</b>	1668 - 1684 MHz USB RCP
<b>Channel 2</b>	1652 - 1668 MHz LSB RCP
<b>Channel 3</b>	1668 - 1684 MHz USB LCP
<b>Channel 4</b>	1652 - 1668 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5

Setup ra6cm2:

<b>Station Modes</b>	At Mp
<b>Channel 1</b>	IFP#1-L0 4820 - 4836 MHz LSB RCP
<b>Channel 2</b>	IFP#1-HI 4836 - 4852 MHz USB RCP
<b>Channel 3</b>	IFP#2-L0 4820 - 4836 MHz LSB LCP
<b>Channel 4</b>	IFP#2-HI 4836 - 4852 MHz USB LCP
<b>DAS 1 Skyfreq</b>	4836 MHz
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	16mhz_ul ( <a href="#">telescope</a> )
<b>Station Modes</b>	Wa Km
<b>Channel 1</b>	4836 - 4852 MHz USB RCP
<b>Channel 2</b>	4820 - 4836 MHz LSB RCP
<b>Channel 3</b>	4836 - 4852 MHz USB LCP
<b>Channel 4</b>	4820 - 4836 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	Us
<b>Channel 1</b>	4836 - 4852 MHz USB RCP
<b>Channel 2</b>	4820 - 4836 MHz LSB RCP
<b>Channel 3</b>	4836 - 4852 MHz USB LCP
<b>Channel 4</b>	4820 - 4836 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	T6 Bd U2
<b>Channel 1</b>	4836 - 4852 MHz USB RCP
<b>Channel 2</b>	4820 - 4836 MHz LSB RCP
<b>Channel 3</b>	4836 - 4852 MHz USB LCP
<b>Channel 4</b>	4820 - 4836 MHz LSB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5
<b>Station Modes</b>	Ur
<b>Channel 1</b>	4820 - 4836 MHz LSB RCP
<b>Channel 2</b>	4836 - 4852 MHz USB RCP
<b>Channel 3</b>	4820 - 4836 MHz LSB LCP
<b>Channel 4</b>	4836 - 4852 MHz USB LCP
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	Mark5

**Mode changes:**

- 173 05:25:00 ra6cm2
- 173 05:30:00 ra18cm2
- 173 06:21:00 ra6cm2
- 173 06:21:00 ra18cm2
- 173 10:10:00 ra6cm2
- 173 10:10:00 ra18cm2
- 173 11:00:30 ra6cm2

173 11:00:30 ra18cm2

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/rd05/rd05b>

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## Comments:

### Observing comments for each antenna:

<a href="#">At</a>	<a href="#">Wa</a>	<a href="#">Mp</a>	<a href="#">Us</a>	<a href="#">Ti</a>	<a href="#">Ks</a>	<a href="#">Ho</a>	<a href="#">Ud</a>	<a href="#">Pu</a>	<a href="#">T6</a>	<a href="#">Km</a>	<a href="#">Bd</a>	<a href="#">Ur</a>	<a href="#">U2</a>	<a href="#">Sh</a>
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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

[Mopra Tsys](#)  
[Parkes Tsys](#)  
[ATCA Tsys](#)  
[ATNF Clock Offsets](#)

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