

**rk18kn**

|                    |                            |
|--------------------|----------------------------|
| <b>Description</b> | RadioAstron AGN Monitoring |
| <b>Antennas</b>    | Mp-Wa-Cd-Hh-At-Pu          |
| <b>Start</b>       | 23 18:00:00                |
| <b>Stop</b>        | 23 19:00:00                |
| <b>PI</b>          | Yuri Kovalev               |

Setup ra18cm2:

|                      |  |
|----------------------|--|
| <b>Station Modes</b> | Cd                                     |
| <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> | Hh                                     |
| <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> | At                                     |
| <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> ) |

Setup ra6cm2:

|                      |  |
|----------------------|--|
| <b>Station Modes</b> | Mp At                                  |
| <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                                     |
| <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> | Pu                      |
| <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                   |

**Mode changes:**

- 23 18:00:00 ra6cm2
- 23 18:00:00 ra18cm2
- 23 18:00:00 ra6cm2
- 23 18:30:00 ra18cm2
- 23 18:00:00 ra6cm2

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/radioastron/rk18kn>

**Comments:**

**Observing comments for each antenna:**

|                    |                    |                    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <a href="#">Mp</a> | <a href="#">Wa</a> | <a href="#">Cd</a> | <a href="#">Hh</a> | <a href="#">At</a> | <a href="#">Pu</a> |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|

**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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