

re03qs

Description	RadioAstron AGN fringe survey: IDV target 1519-273
Antennas	At-Ho-Cd-Ak-Ww-Hh
Start	98 12:00:00
Stop	98 20:00:00
PI	Hayley Bignall / Yuri Kovalev

Setup ra18cm2:

Station Modes	At Cd
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	Ak
Channel 1	IFP#1 1652 - 1716 MHz USB RCP
Channel 2	IFP#2 1652 - 1716 MHz USB LCP
DAS 1 Skyfreq	1668 MHz
Bandwidth	64 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Ww
Channel 1	1652 - 1668 MHz LSB RCP
Channel 2	1668 - 1684 MHz USB RCP
Channel 3	1652 - 1668 MHz LSB LCP
Channel 4	1668 - 1684 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra6cm2:

Station Modes	At Ho
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	Hh
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

Mode changes (ATCA only):

98 12:00:00 ra6cm2
98 12:30:00 ra18cm2
98 13:01:00 ra6cm2
98 14:40:00 ra18cm2
98 15:01:00 ra6cm2
98 16:20:00 ra18cm2
98 16:41:00 ra6cm2
98 18:00:00 ra18cm2
98 18:21:00 ra6cm2
98 19:40:00 ra18cm2

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/re03/re03qs>

Comments:

Ak: Note the use of the dual sideband vsop profile. Only the lower sideband should be selected for transfer.

Observing comments for each antenna:

At	Ho	Cd	Ak	Ww	Hh
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Observing Logs

[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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<https://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

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