

vc249c

Description	Measuring the proper motions of the Large and Small Magellanic Clouds
Antennas	At-Cd-Ho-Mp-Hh
Start	263 09:00:00
Stop	263 09:55:00
PI	S.P. Ellingsen

Setup v490c.1cm:

Station Modes	At Cd Ho Mp
Channel 1	IFP#1-L0 22211 - 22227 MHz USB RCP
Channel 2	IFP#1-HI 22211 - 22227 MHz USB RCP
Channel 3	IFP#2-L0 22227 - 22243 MHz USB LCP
Channel 4	IFP#2-HI 22227 - 22243 MHz USB LCP
DAS 1 Skyfreq	22219 & 22235 MHz
Bandwidth	16 MHz
DAS Mode	vsop.pro (telescope)
Station Modes	Hh
Channel 1	22211 - 22227 MHz USB RCP
Channel 2	22211 - 22227 MHz USB RCP
Channel 3	22227 - 22243 MHz USB LCP
Channel 4	22227 - 22243 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup v490c.1cm-icrf:

Station Modes	At Cd Ho Mp
Channel 1	DAS #1 IFP#1 22000 - 22016 MHz USB RCP
Channel 2	DAS #1 IFP#2 22016 - 22032 MHz USB LCP
Channel 3	DAS #2 IFP#1 22500 - 22516 MHz USB RCP
Channel 4	DAS #2 IFP#2 22516 - 22532 MHz USB LCP
DAS 1 Skyfreq	22008 & 22024 MHz
DAS 2 Skyfreq	22508 & 22524 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Hh
Channel 1	22000 - 22016 MHz USB RCP
Channel 2	22016 - 22032 MHz USB LCP
Channel 3	22500 - 22516 MHz USB RCP
Channel 4	22516 - 22532 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Mode changes:

263 09:00:00 v490c.1cm

263 09:04:00 v490c.1cm-icrf
263 09:08:00 v490c.1cm
263 09:12:00 v490c.1cm-icrf
263 09:16:00 v490c.1cm
263 09:20:00 v490c.1cm-icrf
263 09:24:00 v490c.1cm
263 09:28:00 v490c.1cm-icrf
263 09:32:00 v490c.1cm
263 09:36:00 v490c.1cm-icrf
263 09:40:00 v490c.1cm
263 09:44:00 v490c.1cm-icrf
263 09:48:00 v490c.1cm
263 09:52:00 v490c.1cm-icrf

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/fringe-checks/vc249c>

Comments:

At Cd Ho Mp: Dual frequency setup required. Will need special DAS setup

Observing comments for each antenna:

At	Cd	Ho	Mp	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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<http://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbasep2014/vc249c>

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