

s14rdc1

Description	ATCA-KVN Q/W band Fringe Test
Antennas	At-Ky-Ku-Kt-Mp
Start	329 19:30:00
Stop	330 02:01:00
PI	ATCA-KVN

Setup special64.W:

Station Modes	At
Channel 1	DAS #1 IFP#1 87000 - 87064 MHz USB RCP
Channel 2	DAS #1 IFP#2 87000 - 87064 MHz USB LCP
Channel 3	DAS #2 IFP#1 87128 - 87192 MHz USB RCP
Channel 4	DAS #2 IFP#2 87128 - 87192 MHz USB LCP
DAS 1 Skyfreq	87032 MHz
DAS 2 Skyfreq	87160 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)
Station Modes	Ky Ku Kt
Channel 1	87000 - 87064 MHz USB RCP
Channel 2	87128 - 87192 MHz USB RCP
Channel 3	87000 - 87064 MHz USB LCP
Channel 4	87128 - 87192 MHz USB LCP
Bandwidth	64 MHz
DAS Mode	Mark5
Station Modes	Mp
Channel 1	IFP#1 87000 - 87064 MHz USB RCP
Channel 2	IFP#2 87000 - 87064 MHz USB LCP
DAS 1 Skyfreq	87032 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)

Setup special64.Q:

Station Modes	At
Channel 1	DAS #1 IFP#1 43500 - 43564 MHz USB RCP
Channel 2	DAS #1 IFP#2 43500 - 43564 MHz USB LCP
Channel 3	DAS #2 IFP#1 43628 - 43692 MHz USB RCP
Channel 4	DAS #2 IFP#2 43628 - 43692 MHz USB LCP
DAS 1 Skyfreq	43532 MHz
DAS 2 Skyfreq	43660 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)
Station Modes	Ky Ku Kt
Channel 1	43500 - 43564 MHz USB RCP
Channel 2	43628 - 43692 MHz USB RCP

Channel 3	43500 - 43564 MHz USB LCP
Channel 4	43628 - 43692 MHz USB LCP
Bandwidth	64 MHz
DAS Mode	Mark5
Station Modes	Mp
Channel 1	IFP#1 43500 - 43564 MHz USB RCP
Channel 2	IFP#2 43500 - 43564 MHz USB LCP
DAS 1 Skyfreq	43532 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)

Setup special64.QW:

Station Modes	At Mp
Channel 1	IFP#1 87000 - 87064 MHz USB RCP
Channel 2	IFP#2 87000 - 87064 MHz USB LCP
DAS 1 Skyfreq	87032 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)
Station Modes	Ky Ku Kt
Channel 1	43500 - 43564 MHz USB RCP
Channel 2	43500 - 43564 MHz USB LCP
Channel 3	87000 - 87064 MHz USB RCP
Channel 4	87000 - 87064 MHz USB LCP
Bandwidth	64 MHz
DAS Mode	Mark5

Mode changes:

- 329 19:30:00 special64.Q
- 329 19:38:00 special64.W
- 329 19:46:00 special64.QW

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/s14/s14rdc1>

Comments:

Observing comments for each antenna:

[At](#) [Ky](#) [Ku](#) [Kt](#) [Mp](#)

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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