

s16rd01d

Description	ATCA-KVN Q/W band Observations
Antennas	At-Ky-Ku-Kt-Mp
Start	109 09:30:00
Stop	109 16:30:00
PI	ATCA-KVN

Setup special64.QW-l:

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

Setup special64.QW-c:

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

Setup special64.QW-b:

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

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-a:

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

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:

- 109 09:30:00 special64.Q
- 109 09:38:00 special64.W
- 109 09:46:00 special64.QW-a
- 109 09:59:00 special64.QW-b

109 10:02:00 special64.QW
109 10:05:00 special64.QW-b
109 10:08:00 special64.QW
109 10:12:00 special64.QW-b
109 10:15:00 special64.QW
109 10:18:00 special64.QW-b
109 10:21:00 special64.QW
109 10:25:00 special64.QW-b
109 10:28:00 special64.QW
109 10:38:00 special64.QW-c
109 10:41:00 special64.QW
109 10:51:00 special64.QW-b
109 10:54:00 special64.QW
109 11:04:00 special64.QW-b
109 11:07:00 special64.QW
109 11:17:00 special64.QW-b
109 11:20:00 special64.QW
109 11:30:00 special64.QW-c
109 11:33:00 special64.QW
109 12:10:00 special64.QW-b
109 12:13:00 special64.QW
109 12:23:00 special64.QW-b
109 12:26:00 special64.QW
109 12:36:00 special64.QW-c
109 12:39:00 special64.QW
109 12:49:00 special64.QW-b
109 12:52:00 special64.QW
109 13:02:00 special64.QW-b
109 13:05:00 special64.QW
109 13:15:00 special64.QW-b
109 13:18:00 special64.QW
109 13:53:00 special64.QW-c
109 13:56:00 special64.QW
109 14:06:00 special64.QW-b
109 14:09:00 special64.QW
109 14:19:00 special64.QW-b
109 14:22:00 special64.QW
109 14:32:00 special64.QW-b
109 14:35:00 special64.QW
109 14:45:00 special64.QW-b
109 14:48:00 special64.QW
109 14:58:00 special64.QW-c
109 15:01:00 special64.QW
109 15:32:00 special64.QW-b
109 15:35:00 special64.QW
109 15:45:00 special64.QW-b
109 15:48:00 special64.QW
109 15:58:00 special64.QW-c
109 16:01:00 special64.QW
109 16:11:00 special64.QW-b
109 16:14:00 special64.QW

109 16:21:00 special64.QW-b

109 16:25:00 special64.QW-l

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/s16rd01/s16rd01d>

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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