

n17cm01a

Description	ATCA-KVN Q/W band Observations
Antennas	At-Ky-Ku-Kt
Start	65 16:00:00
Stop	65 20:10:00
PI	ATCA-KVN

Setup special64.QW-l:

Station Modes	At
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

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

Setup special64.QW-a:

Station Modes	At
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
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:

65 16:00:00 special64.Q
65 16:08:00 special64.W
65 16:16:00 special64.QW-a
65 16:27:00 special64.QW
65 20:07:00 special64.QW-l

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/n17cm01/n17cm01a>

Comments:

Observing comments for each antenna:

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

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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