rk02ay

Description	RadioAstron Pulsar perigee observations
Antennas	At-Mp-Ho-Cd-Pa-Pu-Ti-Hh
Start	77 13:58:00
Stop	78 00:30:00
PI	Yuri Kovalev

Setup ra18cm2:

Station Modes	At Mp Ho Cd Pa
Channel 1	IFP#1-LO 1652 - 1668 MHz LSB RCP
Channel 2	IFP#1-HI 1668 - 1684 MHz USB RCP
Channel 3	IFP#2-LO 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	Pu
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1668 - 1684 MHz USB LCP
Channel 4	1652 - 1668 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ti
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
Station Modes	Hh
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1668 - 1684 MHz USB LCP
Channel 4	1652 - 1668 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra18cm2_autolevel:

Station Modes	At Mp Ho Cd Pa
Channel 1	IFP#1-LO 1652 - 1668 MHz LSB RCP
Channel 2	IFP#1-HI 1668 - 1684 MHz USB RCP
Channel 3	IFP#2-LO 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	Ti
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
Station Modes	Hh
Channel 1	1668 - 1684 MHz USB RCP
Channel 2	1652 - 1668 MHz LSB RCP
Channel 3	1668 - 1684 MHz USB LCP
Channel 4	1652 - 1668 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Mode changes:
77 13:58:00 ra18cm2_autolevel
77 14:00:00 ra18cm2
77 18:18:30 ra18cm2_autolevel
77 18:20:00 ra18cm2
77 21:20:00 ra18cm2_autolevel
77 21:21:30 ra18cm2
77 22:28:30 ra18cm2_autolevel
77 22:30:00 ra18cm2

Ftp: ftp://ftp.atnf.csiro.au/pub/people/vlbi/radioastron/rk02ay

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Comments:

Observing comments for each antenna:

At	Mp	Ho	Cd	Pa	Pu	Ti	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