

be074

Description	GMVA Sep 29, ATCA 3mm Test w. CenA
Antennas	Fd-Kp-Mk-At
Start	273 20:27:48
Stop	273 22:30:00
PI	P. Edwards/T. Krichbaum

Setup PulseCalOFF#07:

Station Modes	Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP
Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup PulseCalOFF#02:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP

Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup PulseCalOFF:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP
Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup 3mm_RDBE:

Station Modes	Fd Kp Mk
Channel 1	86124 - 86156 MHz LSB RCP
Channel 2	86124 - 86156 MHz LSB LCP
Channel 3	86156 - 86188 MHz LSB RCP
Channel 4	86156 - 86188 MHz LSB LCP
Channel 5	86188 - 86220 MHz LSB RCP
Channel 6	86188 - 86220 MHz LSB LCP
Channel 7	86220 - 86252 MHz LSB RCP
Channel 8	86220 - 86252 MHz LSB LCP
Channel 9	86252 - 86284 MHz LSB RCP
Channel 10	86252 - 86284 MHz LSB LCP
Channel 11	86284 - 86316 MHz LSB RCP
Channel 12	86284 - 86316 MHz LSB LCP
Channel 13	86316 - 86348 MHz LSB RCP
Channel 14	86316 - 86348 MHz LSB LCP
Channel 15	86348 - 86380 MHz LSB RCP
Channel 16	86348 - 86380 MHz LSB LCP
Bandwidth	32 MHz

DAS Mode	Mark5
Station Modes	At
Channel 1	DAS #1 IFP#1 86188 - 86252 MHz USB RCP
Channel 2	DAS #1 IFP#2 86188 - 86252 MHz USB LCP
Channel 3	DAS #2 IFP#1 86252 - 86316 MHz USB RCP
Channel 4	DAS #2 IFP#2 86252 - 86316 MHz USB LCP
DAS 1 Skyfreq	86220 MHz
DAS 2 Skyfreq	86284 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)

Setup PulseCalOFF#04:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP
Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup PulseCalOFF#05:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP

Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP
Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup PulseCalOFF#03:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP
Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Setup PulseCalOFF#06:

Station Modes	Fd Kp Mk
Channel 1	43056 - 43088 MHz LSB RCP
Channel 2	43056 - 43088 MHz LSB LCP
Channel 3	43088 - 43120 MHz LSB RCP
Channel 4	43088 - 43120 MHz LSB LCP
Channel 5	43120 - 43152 MHz LSB RCP
Channel 6	43120 - 43152 MHz LSB LCP
Channel 7	43152 - 43184 MHz LSB RCP
Channel 8	43152 - 43184 MHz LSB LCP
Channel 9	43184 - 43216 MHz LSB RCP
Channel 10	43184 - 43216 MHz LSB LCP
Channel 11	43216 - 43248 MHz LSB RCP
Channel 12	43216 - 43248 MHz LSB LCP
Channel 13	43248 - 43280 MHz LSB RCP
Channel 14	43248 - 43280 MHz LSB LCP

Channel 15	43280 - 43312 MHz LSB RCP
Channel 16	43280 - 43312 MHz LSB LCP
Bandwidth	32 MHz
DAS Mode	Mark5

Mode changes:

273 20:27:48 PulseCalOFF
273 20:27:48 PulseCalOFF#02
273 20:30:00 3mm_RDBE
273 20:37:16 PulseCalOFF#03
273 20:37:30 PulseCalOFF#04
273 20:40:00 3mm_RDBE
273 20:47:15 PulseCalOFF#03
273 20:47:29 PulseCalOFF#04
273 20:50:00 3mm_RDBE
273 20:57:15 PulseCalOFF#03
273 20:57:28 PulseCalOFF#04
273 21:00:00 3mm_RDBE
273 21:07:15 PulseCalOFF#03
273 21:07:27 PulseCalOFF#04
273 21:10:00 3mm_RDBE
273 21:17:15 PulseCalOFF#03
273 21:17:26 PulseCalOFF#04
273 21:20:00 3mm_RDBE
273 21:27:14 PulseCalOFF#05
273 21:27:15 PulseCalOFF#02
273 21:30:00 3mm_RDBE
273 21:37:15 PulseCalOFF#05
273 21:37:18 PulseCalOFF#02
273 21:40:00 3mm_RDBE
273 21:47:15 PulseCalOFF#05
273 21:47:20 PulseCalOFF#02
273 21:50:00 3mm_RDBE
273 21:57:48 PulseCalOFF#03
273 21:57:48 PulseCalOFF#04
273 22:00:00 3mm_RDBE
273 22:07:16 PulseCalOFF#05
273 22:07:24 PulseCalOFF#02
273 22:10:00 3mm_RDBE
273 22:17:25 PulseCalOFF#06
273 22:17:11 PulseCalOFF#07
273 22:20:00 3mm_RDBE

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi//be074>

Comments:

Observing comments for each antenna:

[Fd](#) [Kp](#) [Mk](#) [At](#)

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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