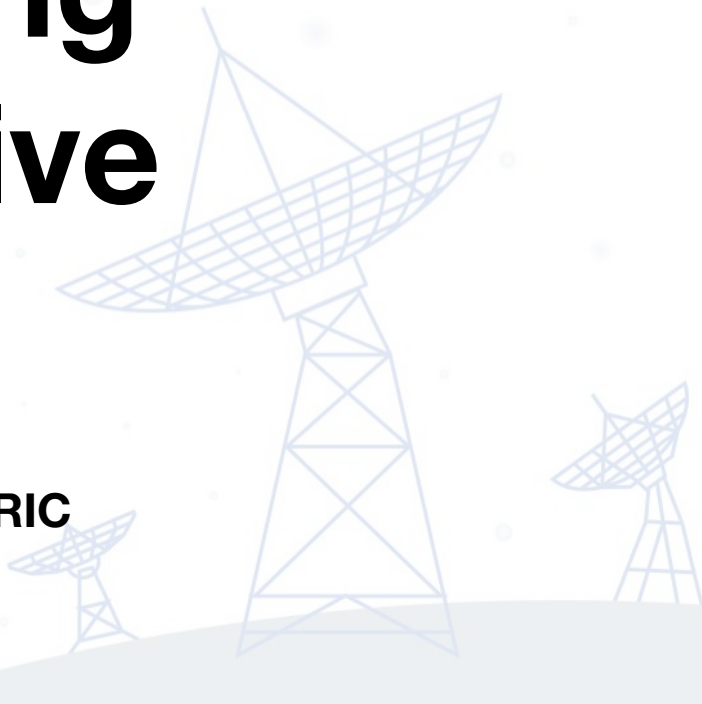


Introducing EVN archive

Junghwan Oh

Joint Institute for VLBI ERIC

JVS 2025



The EVN MkIV Data Processor

archive.jive.eu/scripts/portal.php

Incognito

EVN Data Archive at JIVE

The [EVN](#) Data Archive at [JIVE](#) contains correlated data associated with [EVN](#) observations processed at [JIVE](#). The archive includes a growing database of VLBI observations that have entered the public domain.

In addition, the archive makes available various correlator and pipeline products that give an impression of the data quality. In some cases, preliminary images of calibrators and target sources are also available. The archive allows these to be combined with external VO resources in a natural way.

Select EVN experiment

EB109A

Select a sourceposition from EVN experiment EB109A

Ra	Dec	Source	Image	Image
141.7626	39.0391	J0927+39		
202.7845	30.5092	3C286		
204.4568	55.0173	J1337+5501		
206.1755	55.8868	MRK273		

Access to EVN archive

- [Show experiment EB109A](#)
- [Show catalogue of experiments](#)
- [Search archive by sourcename or position](#)
- [The Bologna archive of EVN observations.](#)

Access to VO archives

- [Aladin Sky Atlas](#)
- [Sloan Digital Sky Survey](#)

Info

- [Increase of data since 2000](#)
- [Web statistics](#) since June 2004

 Co-funded by the European Union

This project has received funding from ACME, the European Union's Horizon Europe Research and Innovation programme under grant agreement [No 101131928](#).

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3

The EVN Data Archive at JIVE contains content from the EVN Data Archive at JIVE. The archive includes a growing data domain.

In addition, the archive makes available various tools and resources to give an impression of the data quality. In some cases, additional data is also available. The archive allows these to be accessed.

Select EVN experiment

EB109A

Access to EVN archive

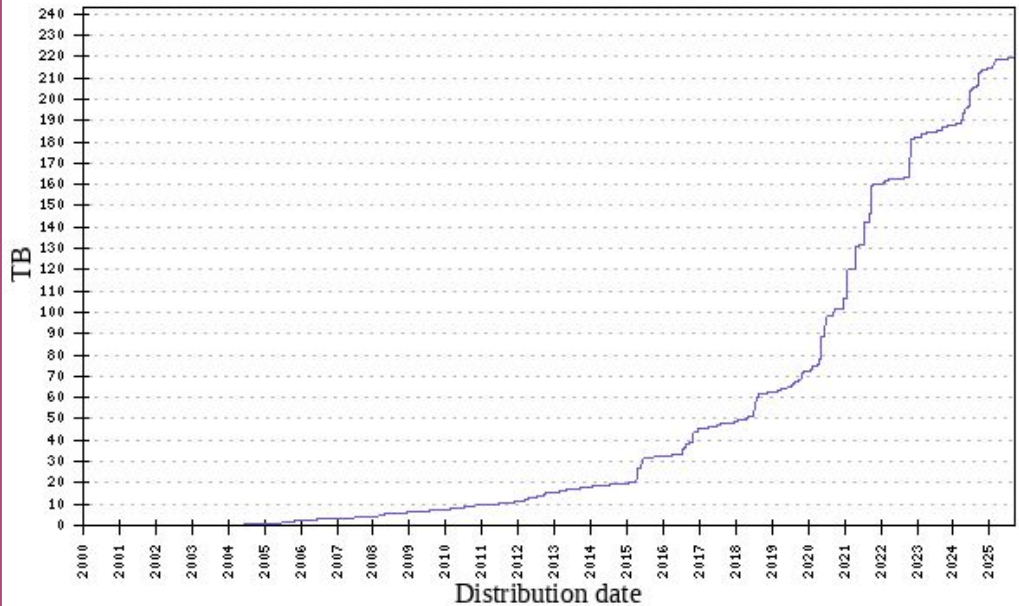
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EVN Data Archive at JIVE

contents: 220.2 TB, last update: 2025-09-15



TB

Distribution date

The EVN MkIV Data Processor

archive.jive.eu/scripts/portal.php

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Catalogue

EVN archive at JIVE

archive.jive.eu/scripts/listarch.php?order=Obs.Date&startYear=2025&endYear=2025

EVN Data Archive at JIVE

Availability of standard plots, pipeline and fitsfiles.

Select Sort order: Observation period: -

Experiment	Stnd	Pipe	Fits	P.Investigator	Stations	Obs. Date	Distr. Date	Publ. Date	Support Scientist
EW040B	x	x	x	HC.Wang	JbWbO8T6TrYsHhSr	250114	250117	260611	Oh
EA077C	x	x	x	Atri	JbWbO8T6TrYsHhSrCmDaDeKnPi	250115	250117	260415	Oh
EK060				Keane	JbNtO8TrUrCmDaDeKnPi	250207			
EB115A	x	x	x	Bloot	JbWbEfNtO8T6TrHh	250212	250217	260628	Marcote
RSM06B	x	x	x	Marti	JbWbEfNtO8T6TrHh	250212	250217	250817	Marcote
EH046A				Hu	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250220			Murthy
N25L1	x	x	x	Marcote	JbWbEfNtO8T6UrTrHhCmDaDeKnPiDeMe	250220	250327	250327	Marcote
EB104A	x	x	x	Bhandari	JbWbEfNtO8UrTrHh	250221	250529	260730	Marcote
EB104B	x	x	x	Bhandari	JbWbEfNtO8T6UrTr	250221	250730	260730	Marcote
EB104C	x	x	x	Bhandari	JbWbEfNtO8UrTrHh	250222	250610	260730	Marcote
EM181A		x	x	Murthy	JbEfWbNtO8T6UrTrHhCmDaDeKnPi	250222			Murthy
EN016A	x	x	x	Nair	JbWbEfNtO8T6UrTrHhCmDaDeKnPiDe	250222	250730	260801	Oh
EG131G	x	x	x	Ghosh	JbWbEfNtO8UrTrHhCmDaDeKnPi	250223	250724	260724	Murthy
EH046B	x		x	Hu	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250223			Murthy
EJ029	x	x	x	Jiang	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250223	250611	260611	Oh
EB105A	x	x	x	Bhandari	JbWbEfNtO8T6UrTrHh	250224	250610	260610	Marcote
N25K1	x	x	x	Oh	JbEfNtO6T6UrTrYsSrHhKtKyKuKcCmDaKnPi	250224	250710	250710	Oh
EN016B	x	x	x	Nair	JbEfNtO6T6UrTrYsHhKtKyKuKcSrCmDaKnPi	250225	250801	260801	Oh
EY045A	x	x	x	Yan	EfJbKtKyKuKcNtO6HhT6TrUrYsCmDaKnPiSr	250225			Murthy
EY049	x		x	Yang	JbEfMcNtO6T6UrTrYsKtKyKuKcSrCmDaKnPi	250225			Oh
EC098B	x	x	x	Cala	JbEfNtO6T6UrTrYsHhSrKtKyKuKc	250226			Orosz
EY045B	x		x	Yan	EfJbKtKyKuKcNtO6HhT6TrUrYsCmDaKnPiSr	250226			Murthy
GC040B				Charlot	AtMpFdHnNIMkLaPtScBrKpOvTrJbT6NtO6EfKcKyUrHhKtKyUsSr	250227			Campbell/Oh
EC097A				Chang	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250228			Murthy
EL074	x	x	x	Li	WbNtO8T6UrTrHhCmDaKnPiDeJbEfJm	250301	250904	260904	Orosz
EM164I				McKean	JbWbEfNtO8T6UrTrCmDaDeKnPiDe	250301			
EG131H				Ghosh	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250302			Murthy
ES116A				Spingola	EfWbJbNtO8T6UrTrHhCmDaDeKnPiMe	250302			Murthy
EB104D	x	x	x	Bhandari	WbEfNtO6T6UrTrYsKm	250303	250722	260730	Marcote
N25X1	x	x	x	Marcote	WbEfNtO6T6UrTrYsHhKmWz	250303	250520	250520	Marcote

Catalogue

EVN archive at JIVE

archive.jive.eu/scripts/listarch.php?order=Obs.Date&startYear=2025&endYear=2025

EVN Data Archive at JIVE

Availability of standard plots, pipeline and fitsfiles.

Select Sort order: Observation period: -

Experimr	Stnd	Pipe	Fits	Investigator	Stations	Obs. Date	Distr. Date	Publ. Date	Support Scientist
EW040B	x	x	x	H.C. Wang	JbWbO8T6TrYsHhSr	250114	250117	260611	Oh
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EK060				Keane	JbNtO8TrUrCmDaDeKnPi	250207			
EB115A	x	x	x	Blout	JbWbEfNtO8T6TrHh	250212	250217	260628	Marcote
RSM06B	x	x	x	Marti	JbWbEfNtO8T6TrHh	250212	250217	250817	Marcote
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N25L1	x	x	x	Marcote	JbWbEfNtO8T6UrTrHhCmDaDeKnPiDeMe	250220	250327	250327	Marcote
EB104A	x	x	x	Bandari	JbWbEfNtO8UrTrHh	250221	250529	260730	Marcote
EB104B	x	x	x	Bandari	JbWbEfNtO8T6UrTr	250221	250730	260730	Marcote
EB104C	x	x	x	Bandari	JbWbEfNtO8UrTrHh	250222	250610	260730	Marcote
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EH046B	x		x	Hu	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250223			Murthy
EJ029	x	x	x	Jiang	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250223	250611	260611	Oh
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N25K1	x	x	x	Oh	JbEfNtO6T6UrTrYsSrHhKtKyKuKcCmDaKnPi	250224	250710	250710	Oh
EN016B	x	x	x	Nair	JbEfNtO6T6UrTrYsHhKtKyKuKcSrCmDaKnPi	250225	250801	260801	Oh
EY045A	x	x	x	Yan	EfJbKtKyKuKcNtO6HhT6TrUrYsCmDaKnPiSr	250225			Murthy
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GC040B				Charlot	AtMpFdHnNIMkLaPtScBrKpOvTrJbT6NtO6EfKcKyUrHhKtKyUsSr	250227			Campbell/Oh
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EL074	x	x	x	Li	WbNtO8T6UrTrHhCmDaKnPiDeJbEfJm	250301	250904	260904	Orosz
EM164I				McKean	JbWbEfNtO8T6UrTrCmDaKnPiDe	250301			
EG131H				Ghosh	JbWbEfNtO8T6UrTrHhCmDaDeKnPi	250302			Murthy
ES116A				Spingola	EfWbJbNtO8T6UrTrHhCmDaDeKnPiMe	250302			Murthy
EB104D	x	x	x	Bandari	WbEfNtO6T6UrTrYsKm	250303	250722	260730	Marcote
N25X1	x	x	x	Marcote	WbEfNtO6T6UrTrYsHhKmWz	250303	250520	250520	Marcote

Catalogue (old)

EVN Data Archive at JIVE

Availability of standard plots, pipeline and fitsfiles.

Select Sort order: Observation period: -

Experiment	Std	Pipe	Fits	P.Investigator	Stations	Obs. Date	Distr. Date	Publ. Date	Support Scientist
EL011			x	H.vanLangevelde	EbJbMcNtMhOn	961016	010903	050601	vanLangevelde
GL034				H.vanLangevelde	JbWbEfOnMcNtTrShCmHnScFdPtLaKpOvNIBrMk	980527	000403	000403	van Langevelde
EG019			x	M.Garrett	EfMcNtOnTrWbJbCm	981122	991212	050601	Garrett
ES023	x	x	x	R.Schilizzi	EfMcNtOnWbJbTrShCm	981124	021217	050601	Campbell
EL023			x	H.vanLangevelde	EfMcNtJbOnWbTr	990222	990816	050601	vanLangevelde
ES023B			x	R.Schilizzi	EfMcNtOnWbJbTrSh	990529	991116	050601	Campbell
ES030A			x	R.Spencer	EfJbMcNtTrWbOnCm	990610	000607	050601	Campbell
ES030B			x	R.Spencer	EfJbMcNtTrWbOnCm	990613	000607	050601	Campbell
EO004A			x	C.ODea	EbJbOnTrWb	990908	001213	050601	Campbell
EO004B			x	C.ODea	EbJbOnTrWb	990909	000918	050601	Campbell
EV008A			x	R.Vermeulen	EbJbOnTrWb	990909	000711	050601	van Langevelde
EV008B			x	R.Vermeulen	EbJbOnTrWb	990910	010112	050601	Campbell
EM034			x	C.Moore	EbJbOnTrWb	990911	010321	050601	Campbell
EP031A			x	Y.Pihlstrom	EbJbOnTrWb	990911	001219	050601	Campbell
EP030			x	Y.Pihlstrom	EbJbOnTrWb	990912	000501	050601	Phillips
EP031B			x	Y.Pihlstrom	EbOnTrWb	990912	000918	050601	Campbell
EB015A			x	F.Briggs	EbJbOnTrWb	990913	010720	050601	Campbell
VAH1				R.Vermeulen	EbOnTrWb	990913	000904	050601	Phillips
EB015B			x	F.Briggs	EbJbOnTrWb	990914	010720	050601	Campbell
EO004C			x	C.ODea	EbJbOn	990914	000918	050601	Campbell
C99C3				L.Sjouwerman	EbJbMcNtTrWbOnSh	990915	000302	000302	Campbell
ES034A				I.Snellen	EbJbMcNtTrWbShHhOn	990923	000503	050601	Phillips
EP027A			x	A.Pedlar	EbMcNtTrWbOnJb	990925	000220	050601	Campbell
EP027B			x	A.Pedlar	EbMcNtTrWbOnJb	990926	000220	050601	Campbell
EB014A			x	W.Baan	EbJbMcNtTrWbOnShUr	990929	000425	050601	Phillips
GAH2			x	S.Garrington	EbJbMcNtWbOnTr	990929	000124	050601	Campbell
EB014B			x	W.Baan	EbJbMcNtTrWbOnShUr	990930	000425	050601	Phillips
ES028			x	L.Sjouwerman	EbJbMcNtTrWbOnCm	991114	010725	050601	Sjouwerman
ES034B				I.Snellen	EbJbMcNtTrWbShOn	991126	000613	050601	Phillips

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Search your data

FITS-finder Tool for the EVN Archive

Find FITS files in the EVN Archive matching specified selection criteria, including source name or position.

Show fields		Select values		Sort fields	
P. Investigator ☒	Frequency ☒	P. Investigator Any	Any ▲ Ar Br Cm Eb Ef Fd ▼ Select stations: ", " = and " " = or (priority in evaluation) E.g.: Ef Eb Wb,Ar Gb Any	P. Investigator ☐	
Experiment ☒	Channel width ☐	Experiment Any		Experiment ☐	
Source name ☒	Freq. channels ☐	Source name Any		Source name ☒	
RA ☒	Nr bands ☐	Polarization Any		RA ☐	
DEC ☒	Bandwidth / IF ☐		DEC ☐		
Equinox ☒	Total Width ☐		Observ. date ☒		
File name ☐	Stations ☐	Find sources in Circle ☐ Box ☐	Find sources in frequency range:	Frequency ☒	
File length ☐	Polarization ☐	RA (hh:mm:ss) 12:00:00	Any band ▲ P-band 90,49 cm L-band 21,18 cm S-band 13 cm C-band 6,5 cm X-band 2 cm K-band 1 cm ▼	Min. frequency 320 MHz	Total Width ☐
File startdate ☐	Integr. time ☐	DEC (dd:mm:ss) 00:00:00		Max. frequency 50000 MHz	Freq. channels ☐
File starttime ☐	Total time ☐	Radius (degr) 1			Integr. time ☐
File enddate ☐	Observ. date ☒	Offset degr RA,DEC 180 90			Total time ☐
File endtime ☐					Polarization ☐
		Show list Plot list Typed Input Info Defaults Reset			



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FITS-finder Tool for the EVN Archive

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Show fields		Select values		Sort fields		
P. Investigator ☒	Frequency ☒	P. Investigator Any	Any ▲ Ar Br Cm Eb Ef Fd ▼ Select stations: ", " = and " " = or (priority in evaluation) E.g.: Ef Eb Wb,Ar Gb Any	P. Investigator ☐		
Experiment ☒	Channel width ☐	Experiment Any			Experiment ☐	
Source name ☒	Freq. channels ☐	Source name Any			Source name ☒	
RA ☒	Nr bands ☐	Polarization Any			RA ☐	
DEC ☒	Bandwidth / IF ☐	Find sources in Circle ☐ Box ☐ RA (hh:mm:ss) 12:00:00 DEC (dd:mm:ss) 00:00:00 Radius (degr) 1 Offset degr RA,DEC 180 90		DEC ☐		
Equinox ☒	Total Width ☐				Observ. date ☒	
File name ☐	Stations ☐	Find sources in frequency range: Any band ▲ P-band 90,49 cm L-band 21,18 cm S-band 13 cm C-band 6,5 cm X-band 2 cm K-band 1 cm ▼ Min. frequency 320 MHz Max. frequency 50000 MHz		Frequency ☒		
File length ☐	Polarization ☐	Show list Plot list <input checked="" type="text" value="Typed Input"/> Info Defaults Reset		Total Width ☐		
File startdate ☐	Integr. time ☐			Freq. channels ☐		
File starttime ☐	Total time ☐			Integr. time ☐		
File enddate ☐	Observ. date ☒			Total time ☐		
File endtime ☐				Polarization ☐		



Search your data

FITS-finder Tool for the EVN Archive

Find FITS files in the EVN Archive matching specified selection criteria, including source name or position.

Show fields		Select values		Sort fields	
P. Investigator ☒	Frequency ☒	P. Investigator Any	Any ▲ Ar Br Cm Eb Ef Fd ▼	P. Investigator ☐	
Experiment ☒	Channel width ☐	Experiment Any		Select stations: ", " = and " " = or (priority in evaluation) E.g.: Ef Eb Wb,Ar Gb	Experiment ☐
Source name ☒	Freq. channels ☐	Source name 3C395		Any	Source name ☒
RA ☒	Nr bands ☐	Polarization Any			RA ☐
DEC ☒	Bandwidth / IF ☐				DEC ☐
Equinox ☒	Total Width ☐			Observ. date ☒	
File name ☐	Stations ☐	Find sources in Circle ☐ Box ☐	Find sources in frequency range:		
File length ☐	Polarization ☐	RA (hh:mm:ss) 12:00:00	Any band	Min. frequency	
File startdate ☐	Integr. time ☐	DEC (dd:mm:ss) 00:00:00	L-band 21,18 cm	1400 MHz	
File starttime ☐	Total time ☐	Radius (degr) 1	S-band 13 cm	Max. frequency	
File enddate ☐	Observ. date ☒	Offset degr RA,DEC 180 90	C-band 6,5 cm	1722 MHz	
File endtime ☐			X-band 2 cm		
			K-band 1 cm		
		Show list Plot list Typed Input Info Defaults Reset			

P. Investigator	Experiment	ObsDate	Source	RA h:m:s	DEC d:m:s	Equinox	Frequency MHz
Tudose	ET031A	2015-06-23	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Cseh	EC052E	2015-06-23	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Bhandari	EB096H	2022-06-07	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Murthy	N22L3	2022-10-28	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Oh	N23L3	2023-10-26	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Oh	N24L3	2024-10-17	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000

Experiment code

e.g. **E A 0 7 7 C**

Regular user experiment

E

Global array (e.g. +VLBA / +LBA)

G

Network monitoring experiment

N

Fast review, ToO

R

& Short

R

S

:

Epoch

1st letter of PI's
Last name

Search your data

FITS-finder Tool for the EVN Archive

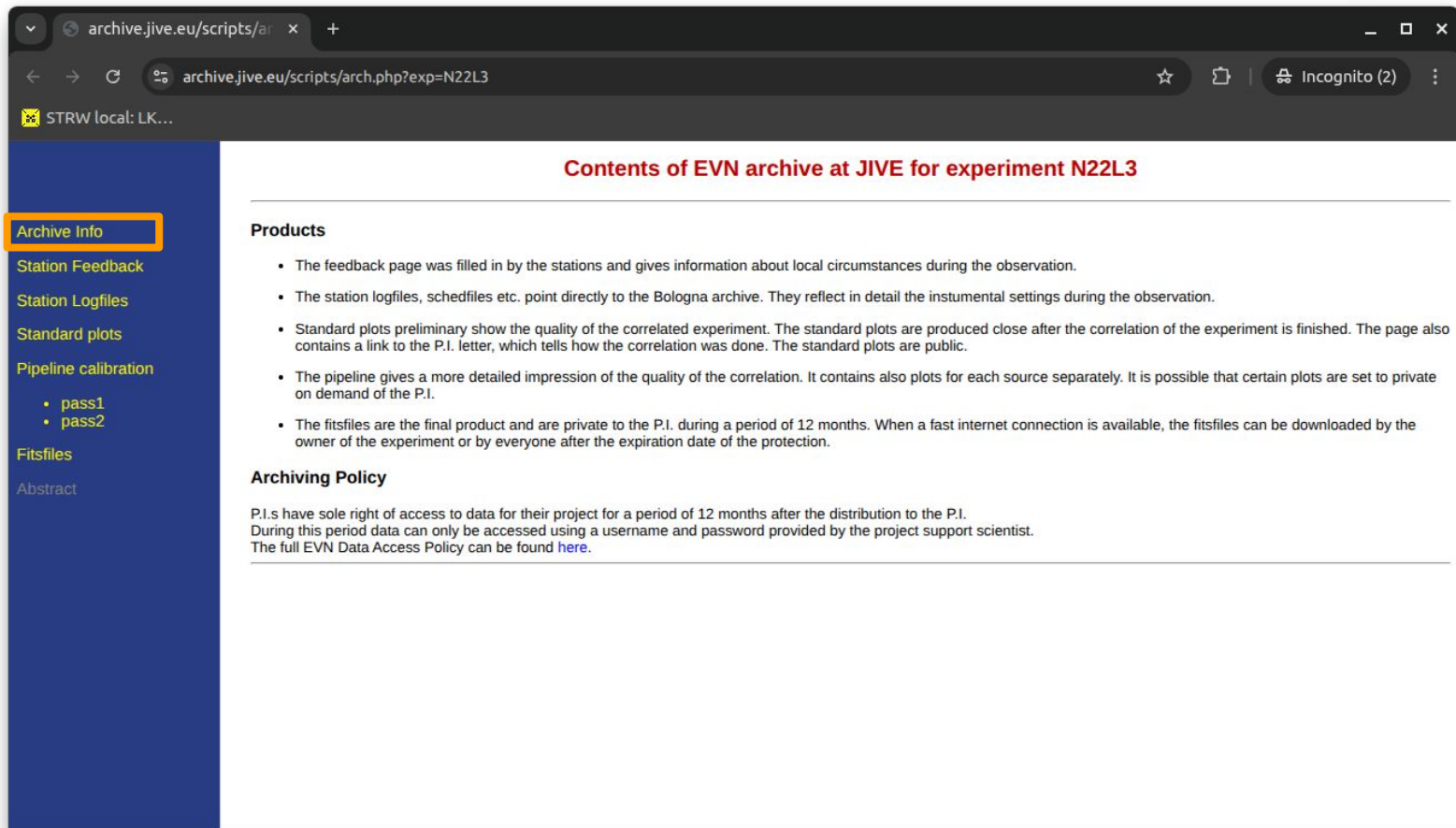
Find FITS files in the EVN Archive matching specified selection criteria, including source name or position.

Show fields		Select values		Sort fields	
P. Investigator ☒	Frequency ☒	P. Investigator Any	Any ▲ Ar Br Cm Eb Ef Fd ▼	P. Investigator ☐	
Experiment ☒	Channel width ☐	Experiment Any		Select stations: ", " = and "[] " = or (priority in evaluation) E.g.: Ef[Eb]Wb,Ar[Gb]	Experiment ☐
Source name ☒	Freq. channels ☐	Source name 3C395		Any	Source name ☒
RA ☒	Nr bands ☐	Polarization Any			RA ☐
DEC ☒	Bandwidth / IF ☐	Find sources in Circle ☐ Box ☐ Find sources in frequency range:		DEC ☐	
Equinox ☒	Total Width ☐	RA (hh:mm:ss) 12:00:00 DEC (dd:mm:ss) 00:00:00 Radius (degr) 1 Offset degr RA,DEC 180 90	Any band ▲ P-band 90,49 cm L-band 21,18 cm S-band 13 cm C-band 6,5 cm X-band 2 cm K-band 1 cm ▼	Min. frequency 1400 MHz Max. frequency 1722 MHz	Observ. date ☒
File name ☐	Stations ☐	Show list Plot list Typed Input Info Defaults Reset		Frequency ☒ Total Width ☐ Freq. channels ☐ Integr. time ☐ Total time ☐ Polarization ☐	

P. Investigator	Experiment	ObsDate	Source	RA h:m:s	DEC d:m:s	Equinox	Frequency MHz
Tudose	ET031A	2015-06-23	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Cseh	EC052E	2015-06-23	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Rhandari	FR096H	2022-06-07	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Murthy	N22L3	2022-10-28	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Oh	N23L3	2023-10-26	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000
Oh	N24L3	2024-10-17	3C395	19:02:55.9	31:59:41.7	J2000	1594.990000



What's in there?



archive.jive.eu/scripts/arch.php?exp=N22L3

STRW local: LK...

Contents of EVN archive at JIVE for experiment N22L3

Archive Info

Station Feedback

Station Logfiles

Standard plots

Pipeline calibration

- pass1
- pass2

Fitsfiles

Abstract

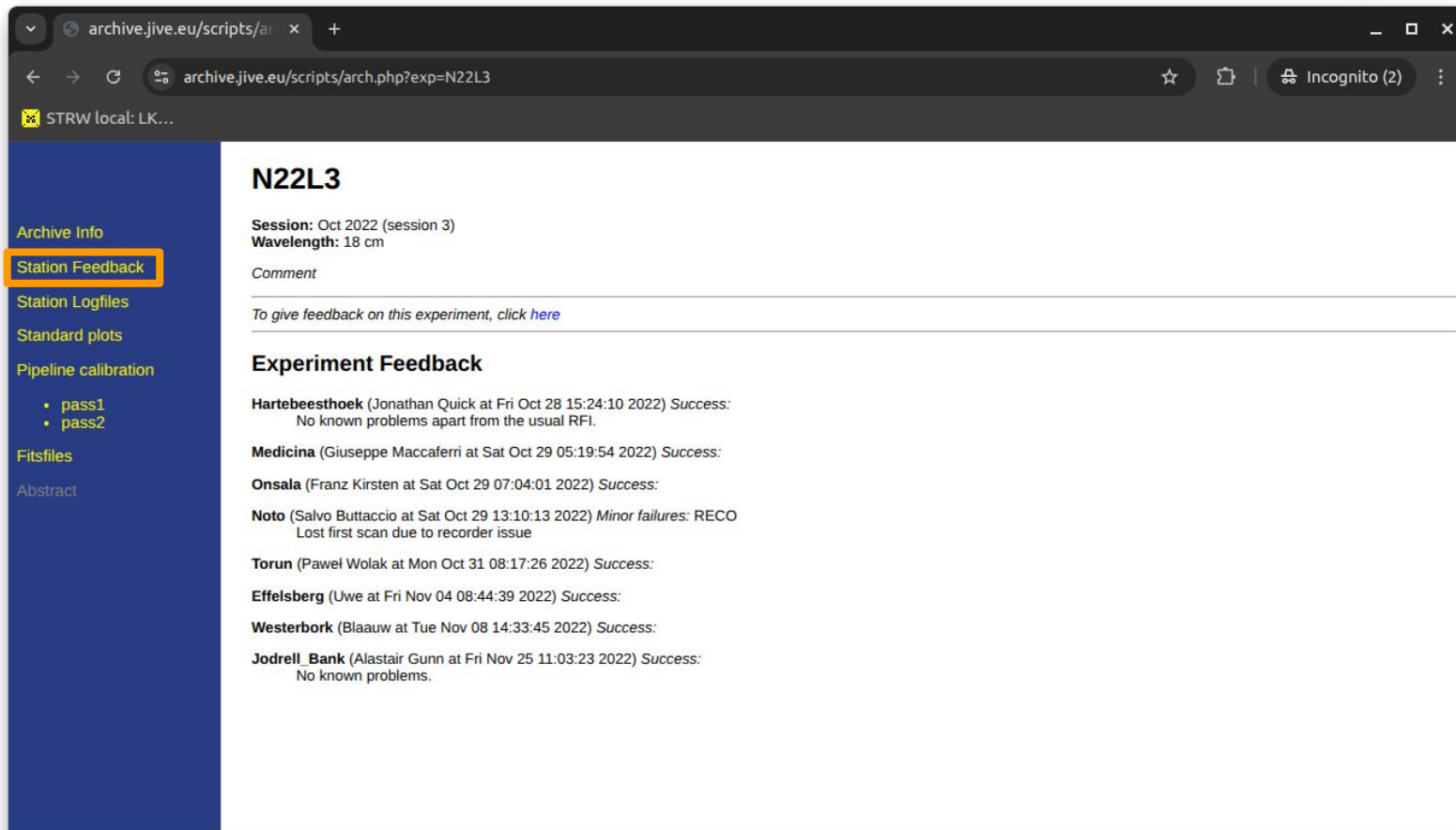
Products

- The feedback page was filled in by the stations and gives information about local circumstances during the observation.
- The station logfiles, schedfiles etc. point directly to the Bologna archive. They reflect in detail the instrumental settings during the observation.
- Standard plots preliminary show the quality of the correlated experiment. The standard plots are produced close after the correlation of the experiment is finished. The page also contains a link to the P.I. letter, which tells how the correlation was done. The standard plots are public.
- The pipeline gives a more detailed impression of the quality of the correlation. It contains also plots for each source separately. It is possible that certain plots are set to private on demand of the P.I.
- The fitsfiles are the final product and are private to the P.I. during a period of 12 months. When a fast internet connection is available, the fitsfiles can be downloaded by the owner of the experiment or by everyone after the expiration date of the protection.

Archiving Policy

P.I.s have sole right of access to data for their project for a period of 12 months after the distribution to the P.I. During this period data can only be accessed using a username and password provided by the project support scientist. The full EVN Data Access Policy can be found [here](#).

Station feedback



archive.jive.eu/scripts/arch.php?exp=N22L3

STRW local: LK...

Archive Info

Station Feedback

Station Logfiles

Standard plots

Pipeline calibration

- pass1
- pass2

Fitsfiles

Abstract

N22L3

Session: Oct 2022 (session 3)
Wavelength: 18 cm

Comment

To give feedback on this experiment, click [here](#)

Experiment Feedback

Hartebeesthoek (Jonathan Quick at Fri Oct 28 15:24:10 2022) Success:
No known problems apart from the usual RFI.

Medicina (Giuseppe Maccaferri at Sat Oct 29 05:19:54 2022) Success:

Onsala (Franz Kirsten at Sat Oct 29 07:04:01 2022) Success:

Noto (Salvo Buttaccio at Sat Oct 29 13:10:13 2022) *Minor failures:* RECO
Lost first scan due to recorder issue

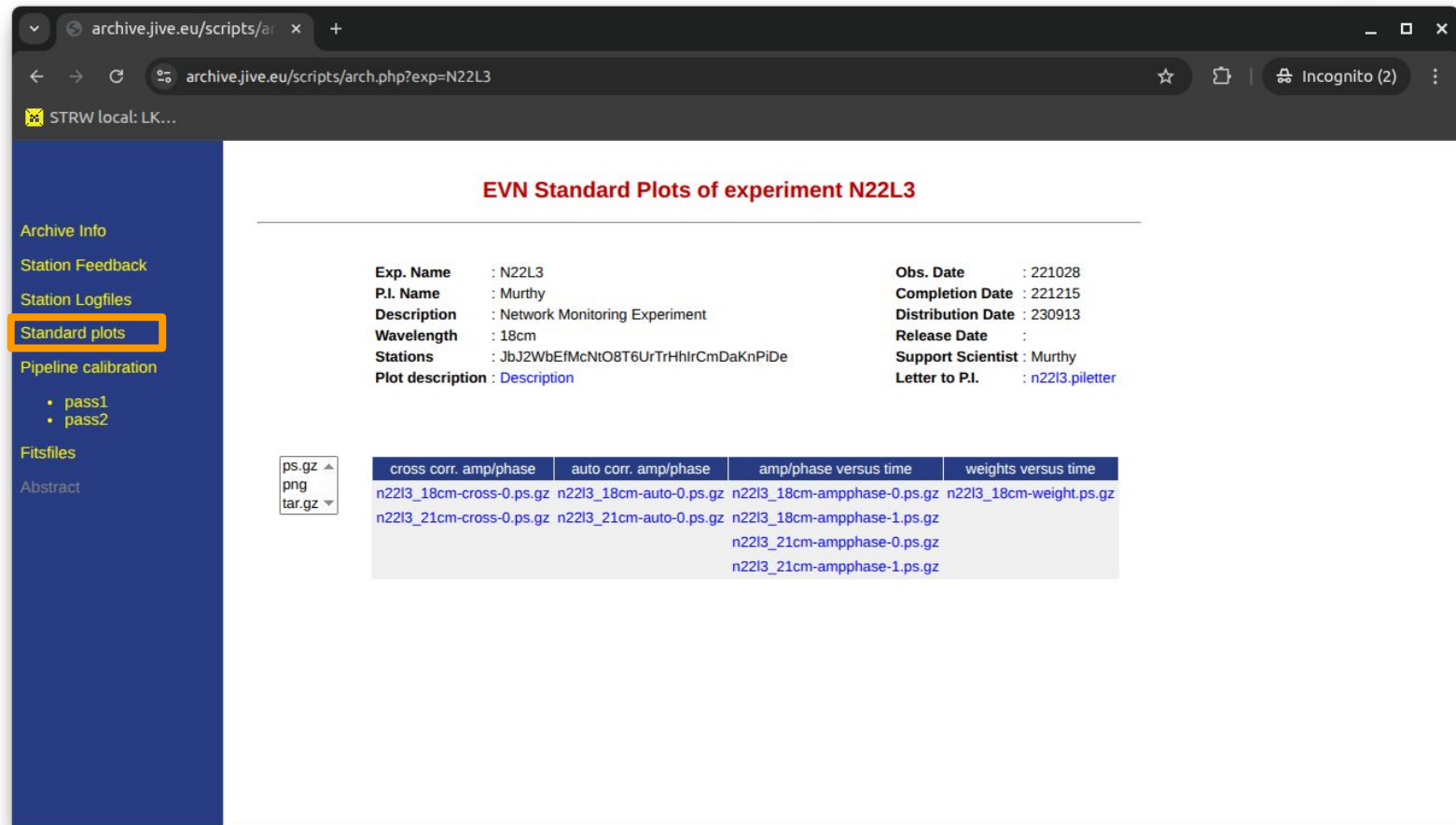
Torun (Paweł Wolak at Mon Oct 31 08:17:26 2022) Success:

Effelsberg (Uwe at Fri Nov 04 08:44:39 2022) Success:

Westerbork (Blaauw at Tue Nov 08 14:33:45 2022) Success:

Jodrell Bank (Alastair Gunn at Fri Nov 25 11:03:23 2022) Success:
No known problems.

Standard plots



The screenshot shows a web browser window with the URL `archive.jive.eu/scripts/arch.php?exp=N22L3`. The page title is "EVN Standard Plots of experiment N22L3". On the left sidebar, the "Standard plots" link is highlighted with an orange box. The main content area displays experiment details and a table of available plots.

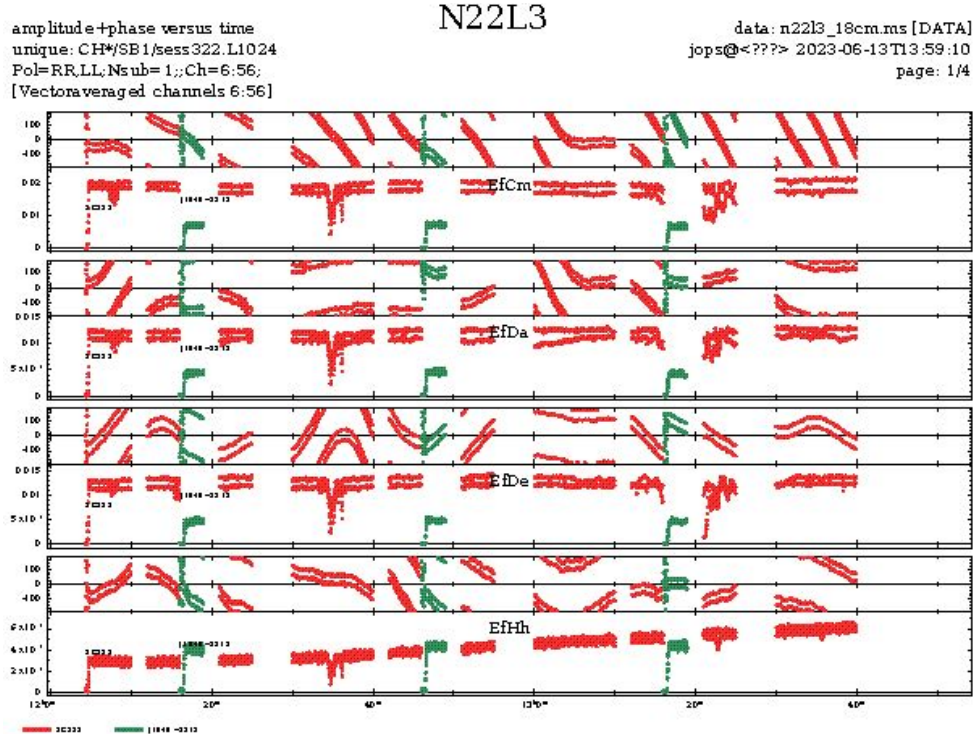
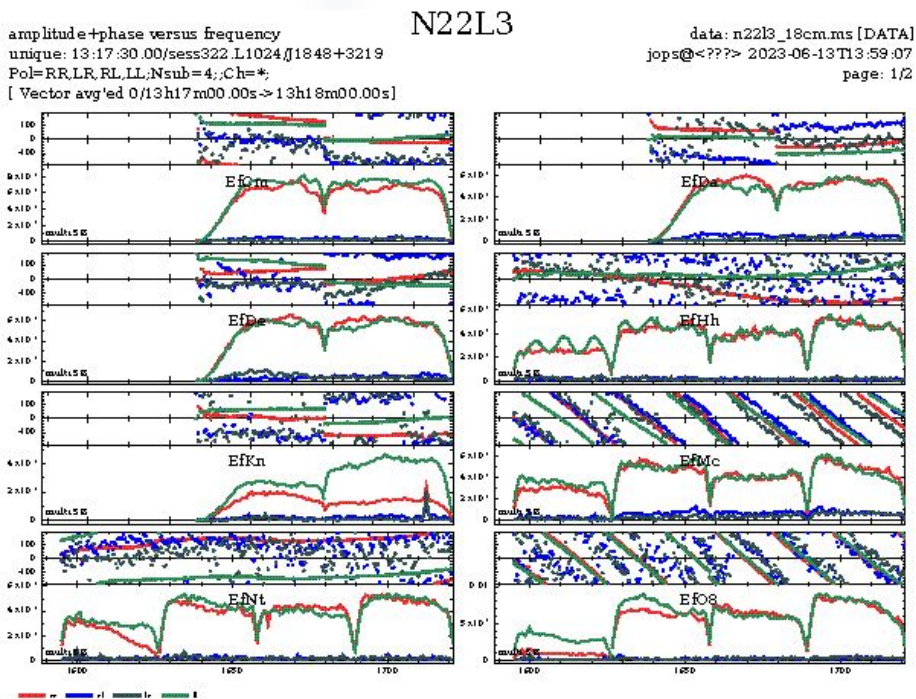
EVN Standard Plots of experiment N22L3

Exp. Name	: N22L3	Obs. Date	: 221028
P.I. Name	: Murthy	Completion Date	: 221215
Description	: Network Monitoring Experiment	Distribution Date	: 230913
Wavelength	: 18cm	Release Date	:
Stations	: JbJ2WbEfMcNtO8T6UrTrHhIrCmDaKnPiDe	Support Scientist	: Murthy
Plot description	: Description	Letter to P.I.	: n22l3.piletter

cross corr. amp/phase	auto corr. amp/phase	amp/phase versus time	weights versus time
n22l3_18cm-cross-0.ps.gz	n22l3_18cm-auto-0.ps.gz	n22l3_18cm-ampphase-0.ps.gz	n22l3_18cm-weight.ps.gz
n22l3_21cm-cross-0.ps.gz	n22l3_21cm-auto-0.ps.gz	n22l3_18cm-ampphase-1.ps.gz	
		n22l3_21cm-ampphase-0.ps.gz	
		n22l3_21cm-ampphase-1.ps.gz	

File format selection: [ps.gz](#) ▲, [png](#), [tar.gz](#) ▼

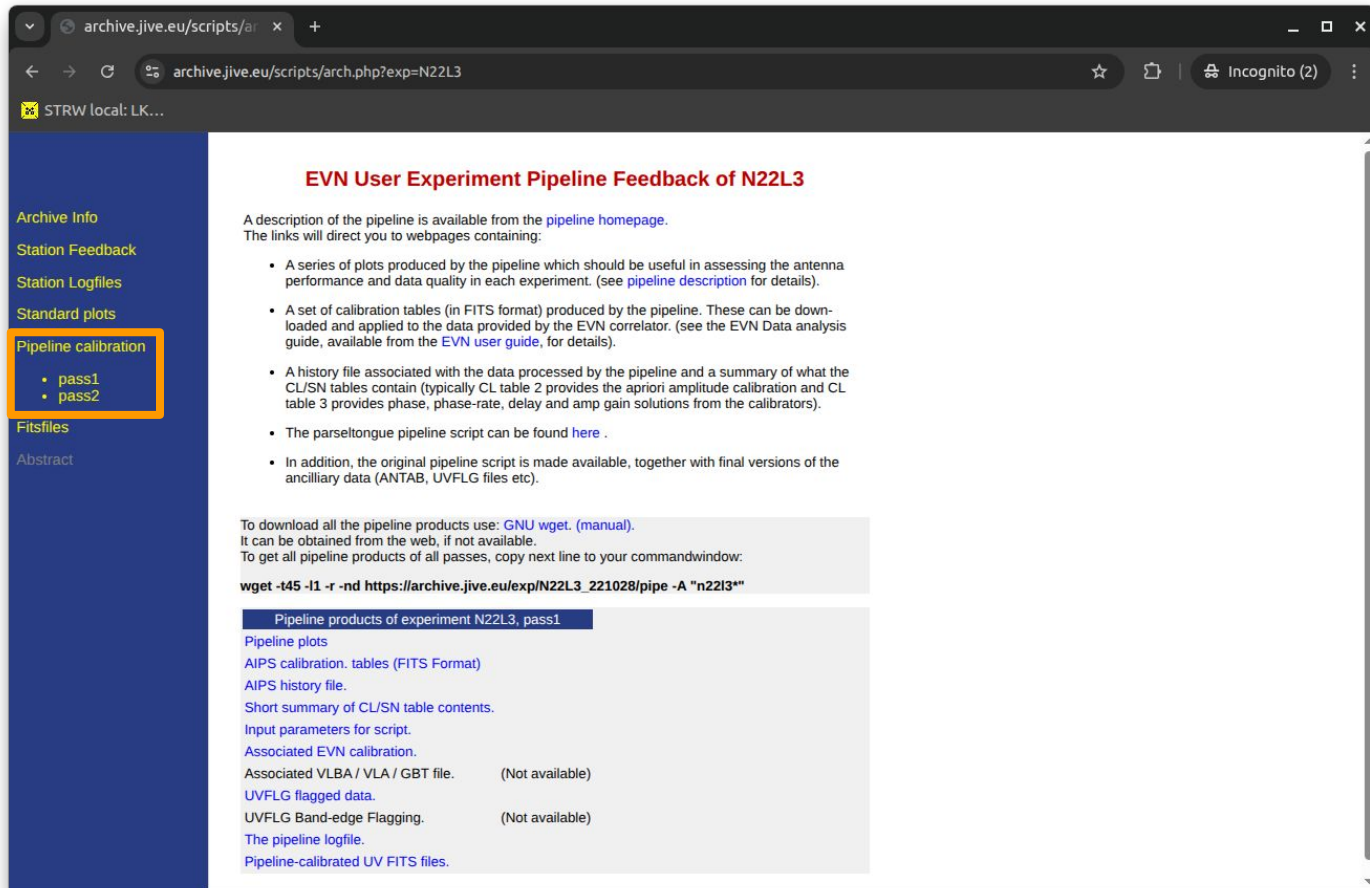
Standard plots



Cross-correlation

Amp & phase vs time

EVN pipeline results



archive.jive.eu/scripts/arch.php?exp=N22L3

STRW local: LK...

EVN User Experiment Pipeline Feedback of N22L3

A description of the pipeline is available from the [pipeline homepage](#).
The links will direct you to webpages containing:

- A series of plots produced by the pipeline which should be useful in assessing the antenna performance and data quality in each experiment. (see [pipeline description](#) for details).
- A set of calibration tables (in FITS format) produced by the pipeline. These can be downloaded and applied to the data provided by the EVN correlator. (see the EVN Data analysis guide, available from the [EVN user guide](#), for details).
- A history file associated with the data processed by the pipeline and a summary of what the CL/SN tables contain (typically CL table 2 provides the a priori amplitude calibration and CL table 3 provides phase, phase-rate, delay and amp gain solutions from the calibrators).
- The parseltongue pipeline script can be found [here](#).
- In addition, the original pipeline script is made available, together with final versions of the ancillary data (ANTAB, UVFLG files etc).

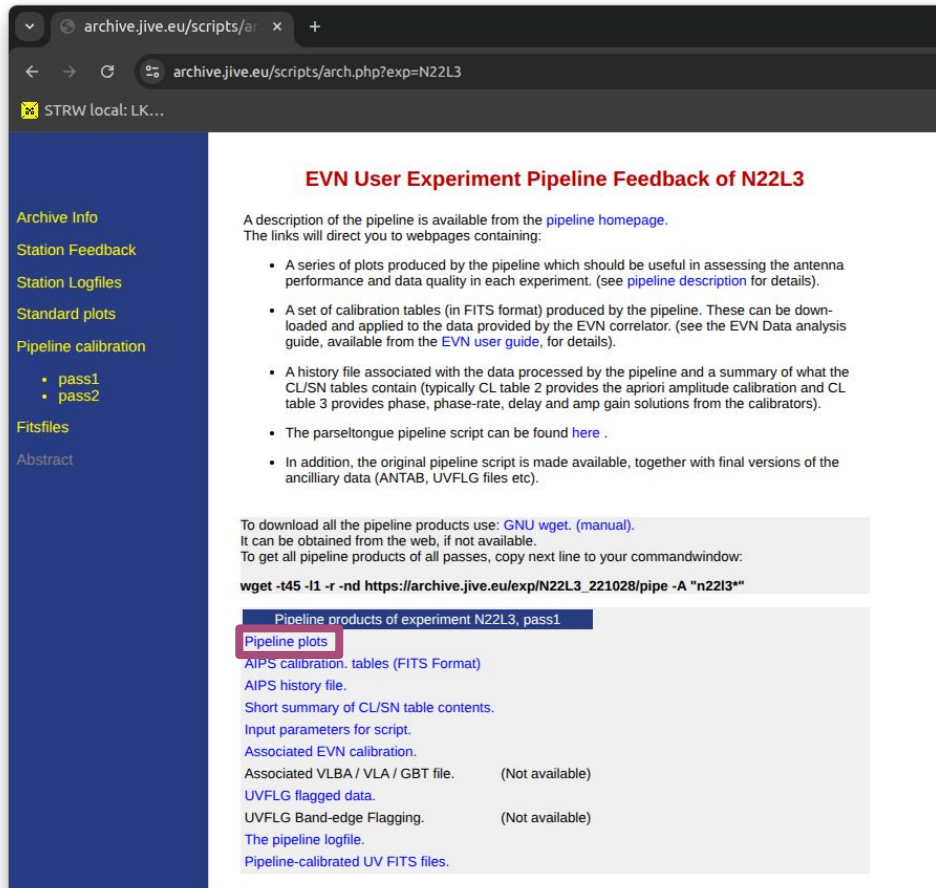
To download all the pipeline products use: [GNU wget. \(manual\)](#).
It can be obtained from the web, if not available.
To get all pipeline products of all passes, copy next line to your commandwindow:

```
wget -t45 -l1 -r -nd https://archive.jive.eu/exp/N22L3_221028/pipe -A "n22l3"
```

Pipeline products of experiment N22L3, pass1

- Pipeline plots
- AIPS calibration. tables (FITS Format)
- AIPS history file.
- Short summary of CL/SN table contents.
- Input parameters for script.
- Associated EVN calibration.
- Associated VLBA / VLA / GBT file. (Not available)
- UVFLG flagged data.
- UVFLG Band-edge Flagging. (Not available)
- The pipeline logfile.
- Pipeline-calibrated UV FITS files.

EVN pipeline results



The screenshot shows a web browser window with the URL `archive.jive.eu/scripts/arch.php?exp=N22L3`. The page title is "EVN User Experiment Pipeline Feedback of N22L3". The left sidebar contains a navigation menu with the following items: "Archive Info", "Station Feedback", "Station Logfiles", "Standard plots", "Pipeline calibration" (which is expanded to show "pass1" and "pass2"), "Fitsfiles", and "Abstract". The main content area has a red heading "EVN User Experiment Pipeline Feedback of N22L3". Below the heading, it states: "A description of the pipeline is available from the [pipeline homepage](#). The links will direct you to webpages containing:" followed by a bulleted list of links to various pipeline products. At the bottom, there is a section titled "Pipeline products of experiment N22L3, pass1" which lists several links, including "Pipeline plots" which is highlighted with a red box.

EVN User Experiment Pipeline Feedback of N22L3

A description of the pipeline is available from the [pipeline homepage](#).
The links will direct you to webpages containing:

- A series of plots produced by the pipeline which should be useful in assessing the antenna performance and data quality in each experiment. (see [pipeline description](#) for details).
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- The `parsetlongue` pipeline script can be found [here](#).
- In addition, the original pipeline script is made available, together with final versions of the ancillary data (ANTAB, UVFLG files etc).

To download all the pipeline products use: [GNU wget. \(manual\)](#).
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To get all pipeline products of all passes, copy next line to your commandwindow:
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Pipeline products of experiment N22L3, pass1

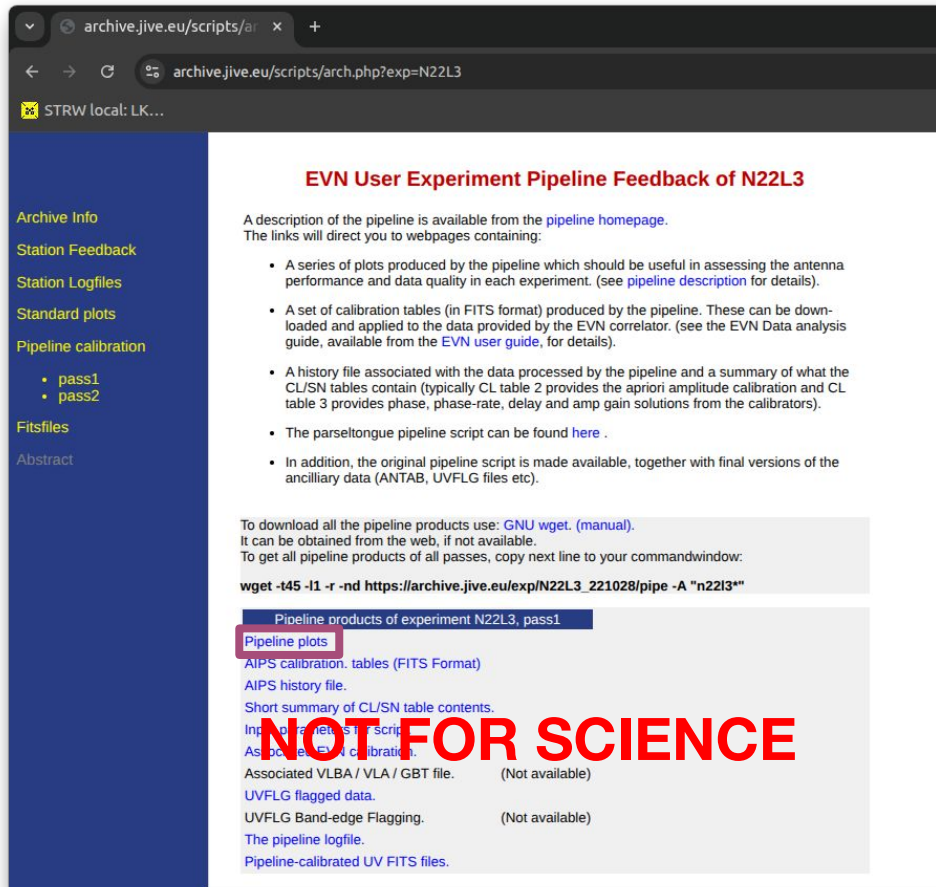
Pipeline plots

- [AIPS calibration. tables \(FITS Format\)](#)
- [AIPS history file.](#)
- [Short summary of CL/SN table contents.](#)
- [Input parameters for script.](#)
- [Associated EVN calibration.](#)
- [Associated VLBA / VLA / GBT file.](#) (Not available)
- [UVFLG flagged data.](#)
- [UVFLG Band-edge Flagging.](#) (Not available)
- [The pipeline logfile.](#)
- [Pipeline-calibrated UV FITS files.](#)

EVN pipeline flow

1. Load and sort the data
2. A-priori data flagging
3. Plot the raw data
4. Amplitude calibration and parallactic angle correction
5. Fringe-fitting
6. Bandpass calibration
7. Plot the results after amp cal, fringe fitting and bandpass.
8. Split
9. Create multi files and make dirty maps and first clean maps.
10. Continue mapping
11. Plot the final data
12. Calculate the antenna sensitivities
13. Save useful data and plot final map

EVN pipeline results



The screenshot shows a web browser window with the URL `archive.jive.eu/scripts/arch.php?exp=N22L3`. The page title is "EVN User Experiment Pipeline Feedback of N22L3". The left sidebar contains a navigation menu with the following items: "Archive Info", "Station Feedback", "Station Logfiles", "Standard plots", "Pipeline calibration" (which is expanded to show "pass1" and "pass2"), "Fitsfiles", and "Abstract". The main content area has a heading "EVN User Experiment Pipeline Feedback of N22L3" and a paragraph: "A description of the pipeline is available from the [pipeline homepage](#). The links will direct you to webpages containing:" followed by a bulleted list of links to various pipeline products. Below this, there is a section for downloading the pipeline products using the `wget` command. At the bottom, there is a section titled "Pipeline products of experiment N22L3, pass1" which lists various pipeline products and their availability.

EVN User Experiment Pipeline Feedback of N22L3

A description of the pipeline is available from the [pipeline homepage](#).
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Pipeline products of experiment N22L3, pass1

Pipeline plots

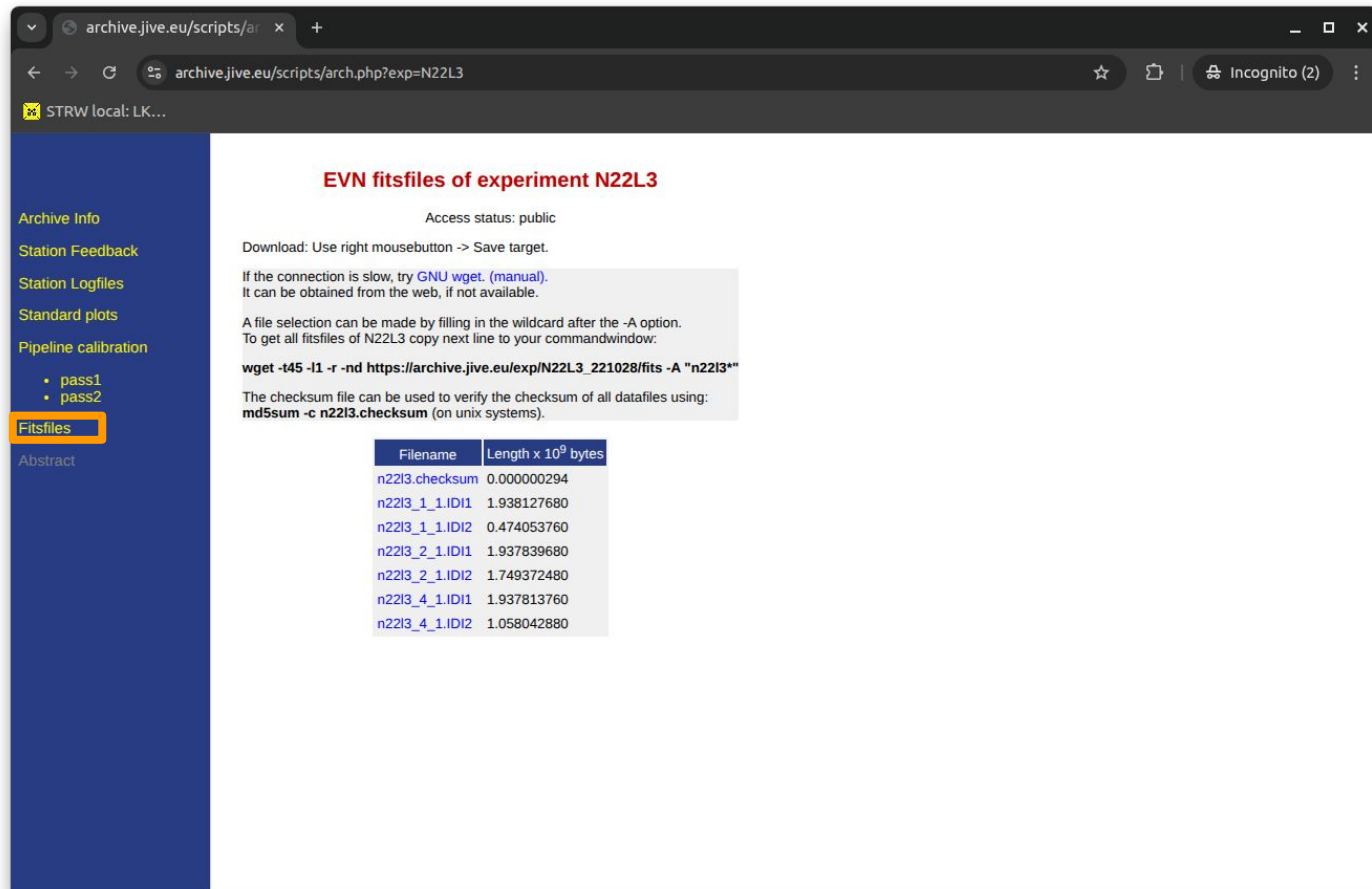
- [AIPS calibration tables \(FITS Format\)](#)
- [AIPS history file.](#)
- [Short summary of CL/SN table contents.](#)
- [Input parameters script.](#)
- [Associated EVN calibration.](#)
- [Associated VLBA / VLA / GBT file.](#) (Not available)
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- [UVFLG Band-edge Flagging.](#) (Not available)
- [The pipeline logfile.](#)
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NOT FOR SCIENCE

FITS files



The screenshot shows a web browser window with the address bar displaying `archive.jive.eu/scripts/arch.php?exp=N22L3`. The page title is "EVN fitsfiles of experiment N22L3". The left sidebar contains a navigation menu with the following items: "Archive Info", "Station Feedback", "Station Logfiles", "Standard plots", "Pipeline calibration", "Fitsfiles" (highlighted with an orange box), and "Abstract". The main content area displays the following information:

EVN fitsfiles of experiment N22L3

Access status: public

Download: Use right mousebutton -> Save target.

If the connection is slow, try [GNU wget. \(manual\)](#).
It can be obtained from the web, if not available.

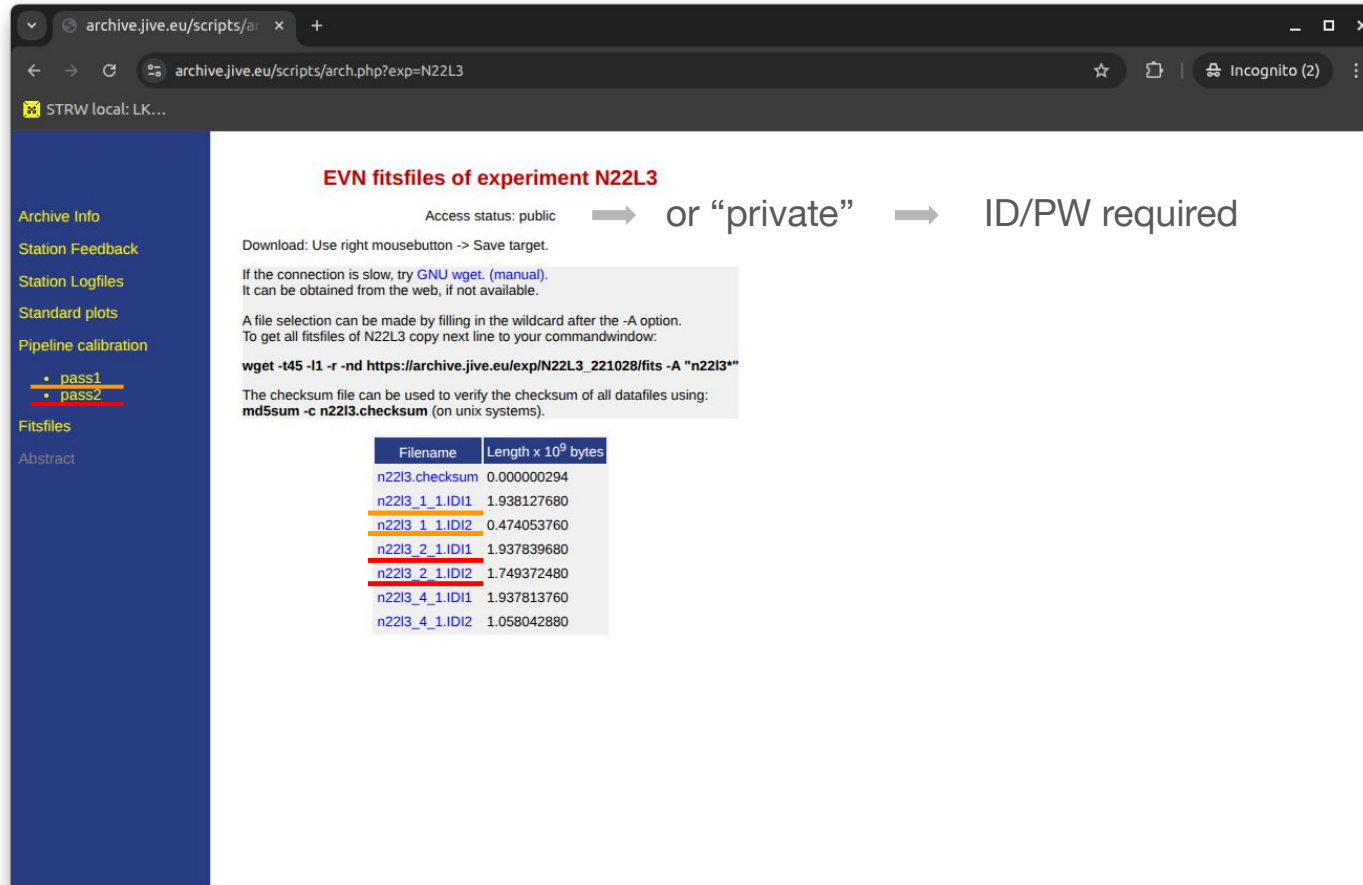
A file selection can be made by filling in the wildcard after the -A option.
To get all fitsfiles of N22L3 copy next line to your commandwindow.

wget -t45 -l1 -r -nd https://archive.jive.eu/exp/N22L3_221028/fits -A "n22l3"

The checksum file can be used to verify the checksum of all datafiles using:
md5sum -c n22l3.checksum (on unix systems).

Filename	Length x 10 ⁹ bytes
n22l3.checksum	0.000000294
n22l3_1_1.IDI1	1.938127680
n22l3_1_1.IDI2	0.474053760
n22l3_2_1.IDI1	1.937839680
n22l3_2_1.IDI2	1.749372480
n22l3_4_1.IDI1	1.937813760
n22l3_4_1.IDI2	1.058042880

FITS files



archive.jive.eu/scripts/arch.php?exp=N22L3

STRW local: LK...

EVN fitsfiles of experiment N22L3

Access status: public → or “private” → ID/PW required

Download: Use right mousebutton -> Save target.

If the connection is slow, try [GNU wget. \(manual\)](#).
It can be obtained from the web, if not available.

A file selection can be made by filling in the wildcard after the -A option.
To get all fitsfiles of N22L3 copy next line to your commandwindow.

```
wget -t45 -l1 -r -nd https://archive.jive.eu/exp/N22L3_221028/fits -A "n22l3"
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n22l3_1_1.IDI2	0.474053760
n22l3_2_1.IDI1	1.937839680
n22l3_2_1.IDI2	1.749372480
n22l3_4_1.IDI1	1.937813760
n22l3_4_1.IDI2	1.058042880

Summary

- **EVN archive**
 - 220 TB data from 1996
 - Search by source, position, date, frequency
 - FITS files + calibration tables
 - Pipeline outputs available - use for calibration guidance only
 - Search before submitting a new proposal
- **Future developments**
 - New archive under development
 - We welcome your feedback
 - usersupport@jive.eu