

## C222D Correlation Report

### General information

- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: [https://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/oct22/feedback\\_oct22.asc](https://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/oct22/feedback_oct22.asc)

### Status

what	date
Fringe search 3mm started	30 Jan 2023
Correlation 3mm started	09 Feb 2023
Correlation 3mm finished	13 Feb 2023
Packaging finished	13 Feb 2023

### Fringes

Station	Code	Fringes	Plots	Comments
KVN-EU		yes	<a href="#">No0005</a> Kt-Ky-Ku-On-Ef	
VLBA-EU		yes	<a href="#">No0045</a> Br-Fd-La-Nl-Pt-Nn	
			<a href="#">No0056</a> Mk-Nn	
EU		yes	<a href="#">No0058</a> Ef-On-Ys-Mh-Nn-Ov-Fd-...	

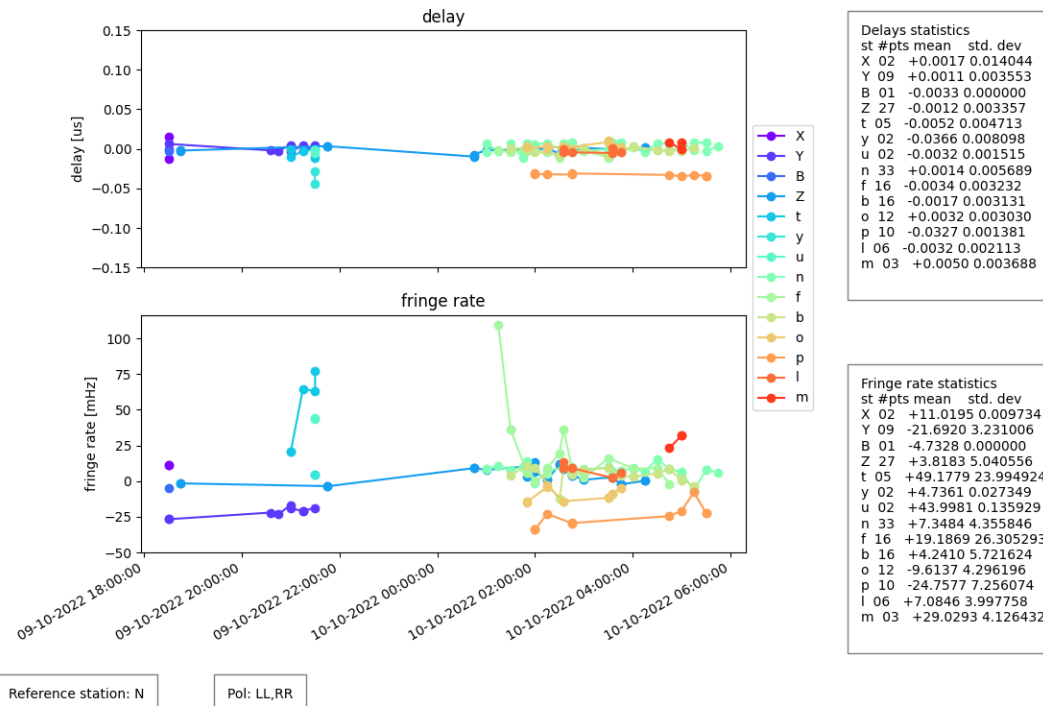
### Notes

- PV notes say "not scheduled, observing another project"
- VLBA KP could not observe
- VLBA PT module: the last six scans starting from No0245 have zero bytes of data
- VLBA BR polarization in LCP has reduced SNR
- KVN Ky, Ku some incomplete or missing data

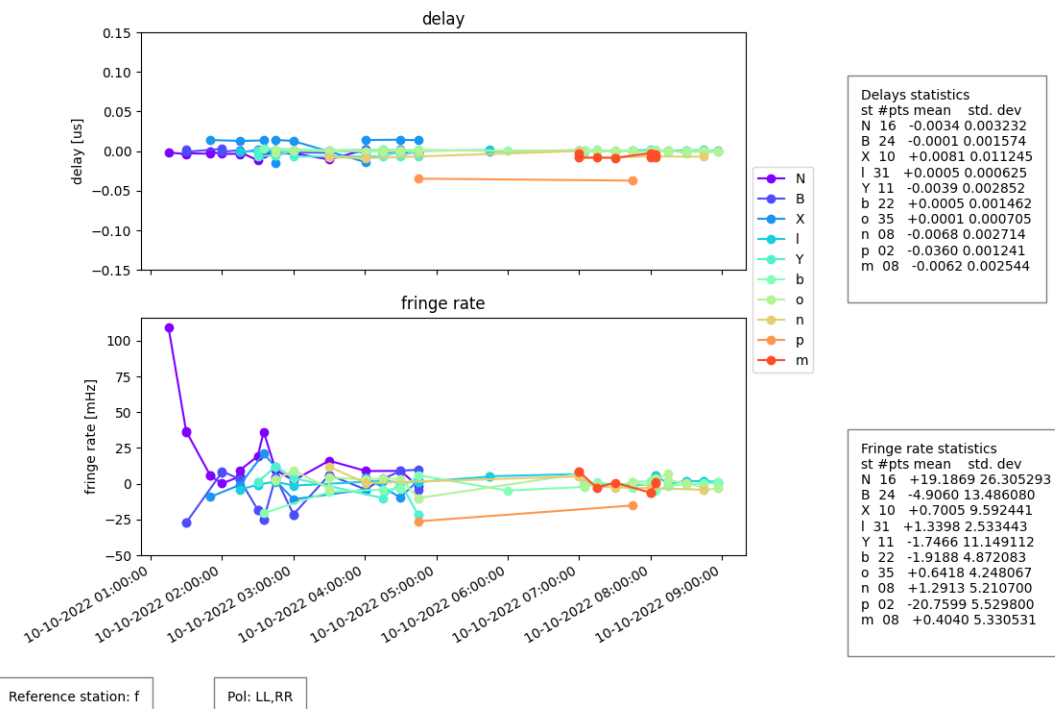
### Post-Correlation checks

#### Residuals 3mm

Residuals to NOEMA

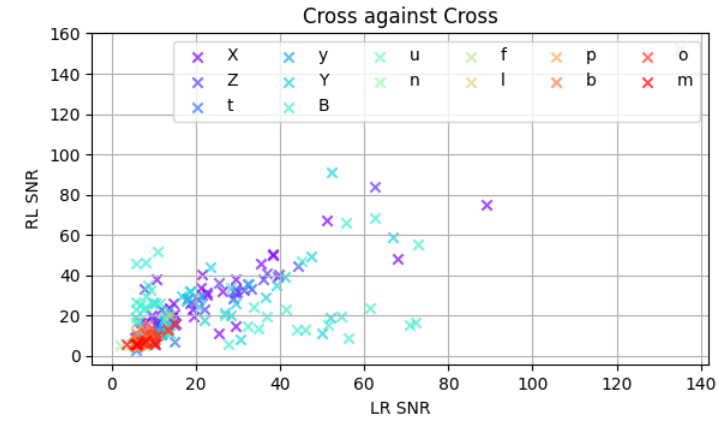
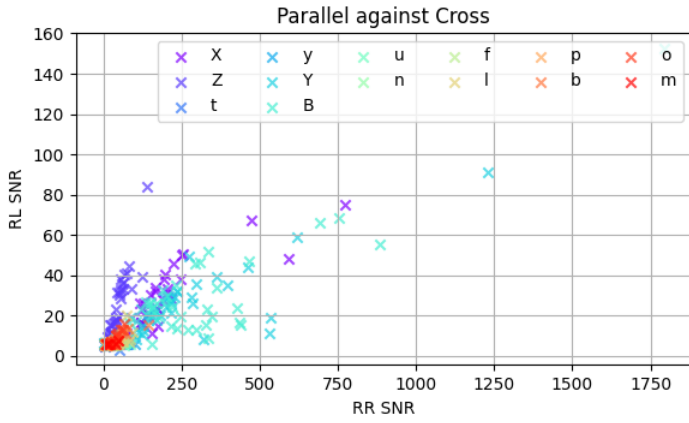
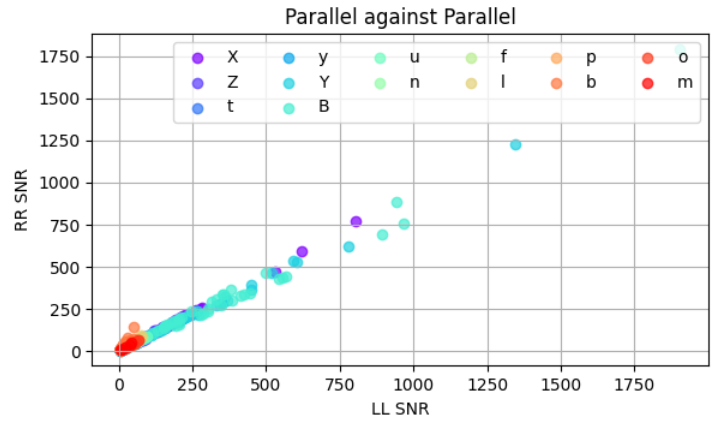
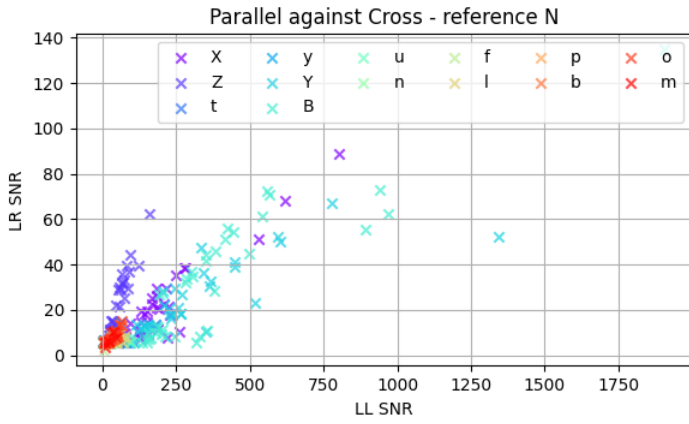


### Residuals to VLBA Fd

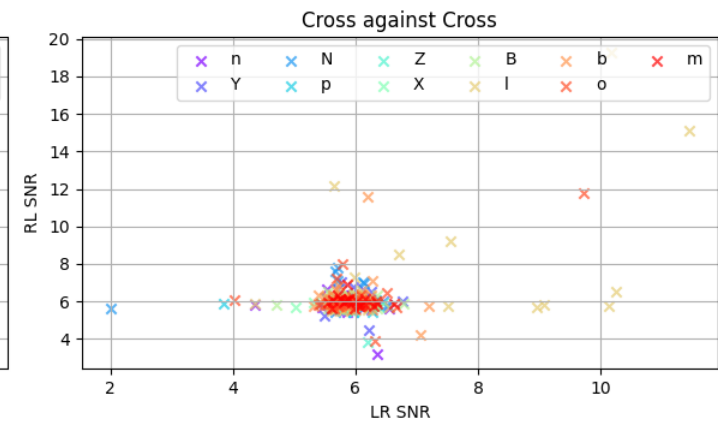
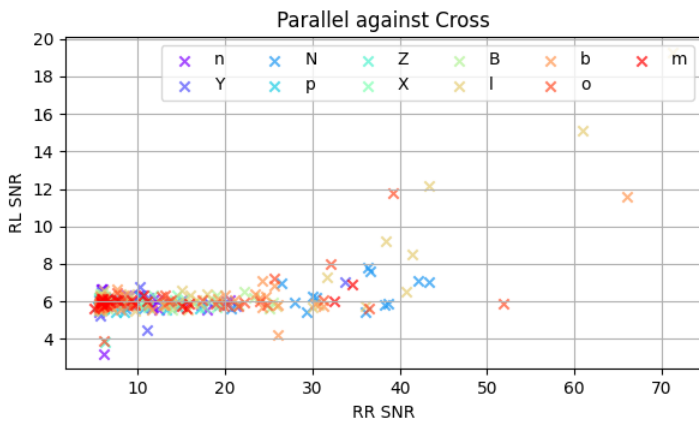
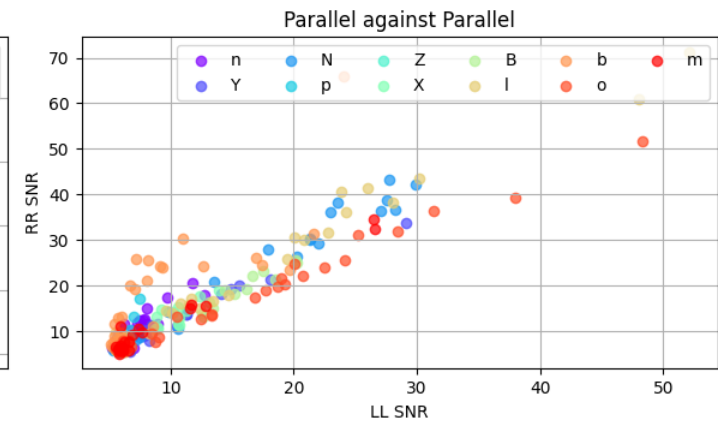
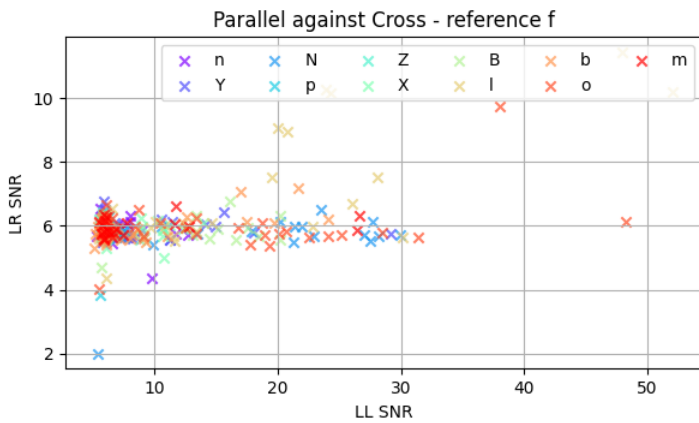


### Polarization 3mm

Fringe SNRs on baselines to NOEMA



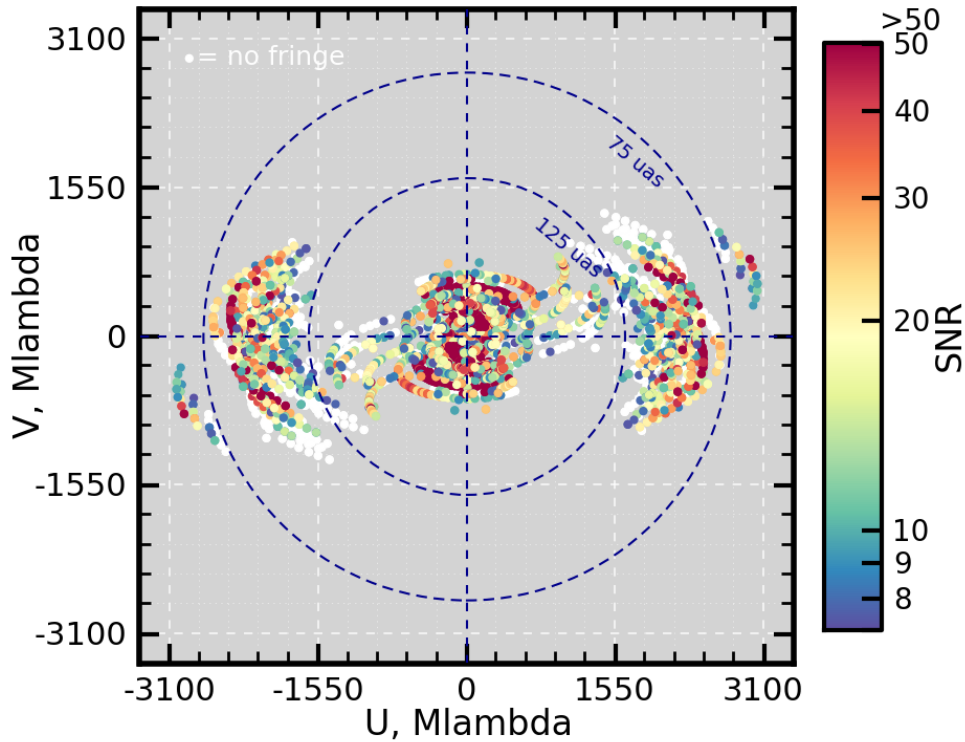
Fringe SNRs on baselines to VLBA Fd



VLBA Br has reduced SNR in LCP, though not as readily apparent as in tracks C222A and C222B

**Detections 3mm**

UV cov.: all sources, all antennas, all pols.



**FITS completeness (pclist)**

					EF	ON	YS	PV	NN	MH	NL	FD	PT	LA	OV	BR	MK
HN	SC	KY	KU	KT													
c222d_1000	No0001	CTA102	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	o	x	o												
c222d_1001	No0002	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	o	x	o												
c222d_1002	No0003	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	o	x	o												
c222d_1003	No0004	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	o	x	o												
c222d_1004	No0005	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	71	38	o												
c222d_1005	No0006	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	27	x	o												
c222d_1006	No0007	CTA102	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	.	.													
c222d_1007	No0008	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	x	x	o												
c222d_1008	No0009	0109+224	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.
.	.	.	x	x	o												
c222d_1009	No0010	0106+013	86ghz		o	o	o	.	o	o	.	.	.	.	.	.	.

. . x x o	c222d_1010	No0011	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1011	No0012	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . 61 o o	c222d_1012	No0013	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1013	No0014	0106+013	86ghz	o	o	x	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1014	No0015	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1015	No0016	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1016	No0017	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1017	No0018	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1018	No0019	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . 38 o o	c222d_1019	No0020	3C84	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . x o o	c222d_1020	No0021	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1021	No0022	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1022	No0023	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1023	No0024	0106+013	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1024	No0025	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1025	No0026	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1026	No0027	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1027	No0028	0109+224	86ghz	o	o	88	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1028	No0029	0106+013	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1029	No0030	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1030	No0031	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1031	No0032	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1032	No0033	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1033	No0034	0106+013	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.
. . . . .	c222d_1034	No0035	0109+224	86ghz	o	o	o	.	o	o	.	.	.	.	.	.	.

c222d_1035	No0036	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	.	.	.
c222d_1036	No0037	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	.	.	.
c222d_1037	No0038	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	.	o	.
c222d_1038	No0039	0106+013	86ghz	o	o	o	.	o	o	o	o	.	o	.	.	.
c222d_1039	No0040	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1040	No0041	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1041	No0042	0109+224	86ghz	o	o	88	.	o	o	o	o	o	o	o	o	.
c222d_1042	No0043	0106+013	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1043	No0044	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1044	No0045	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1045	No0046	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1046	No0047	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1047	No0048	0106+013	86ghz	o	o	o	.	o	.	o	o	o	o	o	o	.
c222d_1048	No0049	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1049	No0050	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1050	No0051	3C84	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1051	No0052	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1052	No0053	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	o
c222d_1053	No0054	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	o
c222d_1054	No0055	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	o
c222d_1055	No0056	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	o
c222d_1056	No0057	0109+224	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	o
c222d_1057	No0058	3C84	86ghz	o	o	o	.	o	o	o	o	o	o	o	o	.
c222d_1058	No0059	0106+013	86ghz	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1059	No0060	0109+224	86ghz	.	.	.	.	.	.	o	o	o	o	o	o	o

c222d_1060	No0061	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1061	No0062	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1062	No0063	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1063	No0064	0106+013	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1064	No0065	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1065	No0066	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1066	No0067	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1067	No0068	0109+224	86ghz	.	.	.	.	.	.	.	o	o	o	o	o	o	o
c222d_1068	No0069	0106+013	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o
c222d_1069	No0070	0109+224	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o
c222d_1070	No0071	0109+224	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o
c222d_1071	No0072	0109+224	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o
c222d_1072	No0073	0109+224	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o
c222d_1073	No0074	3C84	86ghz	.	.	.	.	.	.	.	o	o	x	o	o	o	o