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

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	No0005 Kt-Ky-Ku-On-Ef	
VLBA-EU		yes	No0045 Br-Fd-La-Nl-Pt-Nn	
			No0056 Mk-Nn	
EU		yes	No0058 Ef-On-Ys-Mh-Nn-Ov-Fd-...	

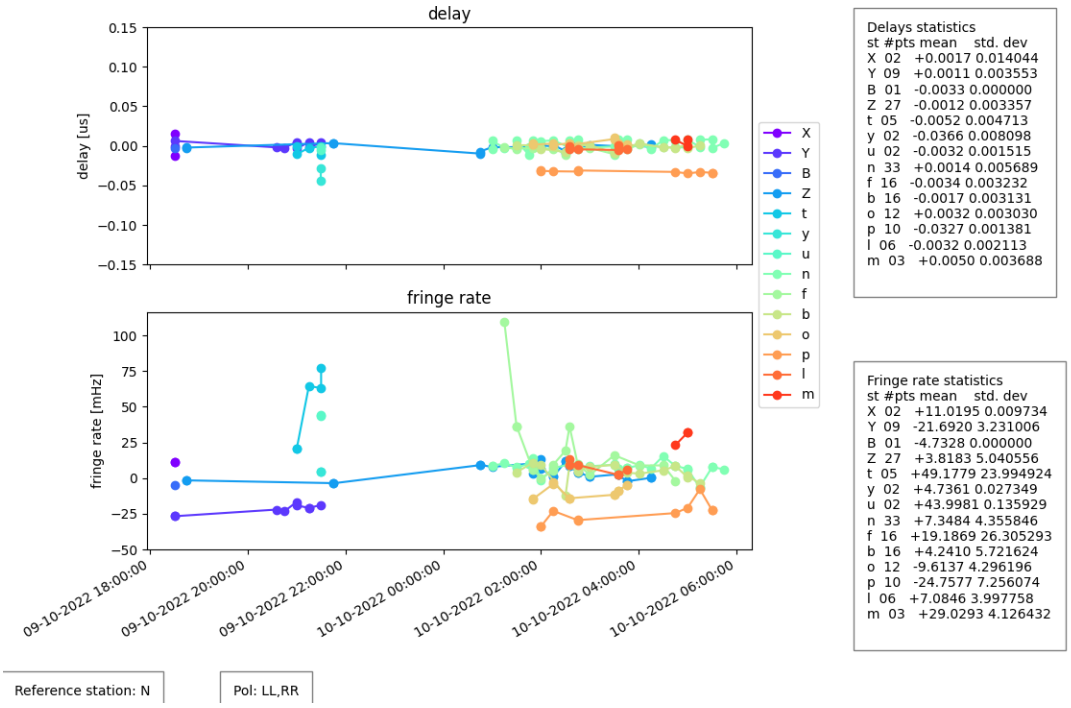
Notes

- 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

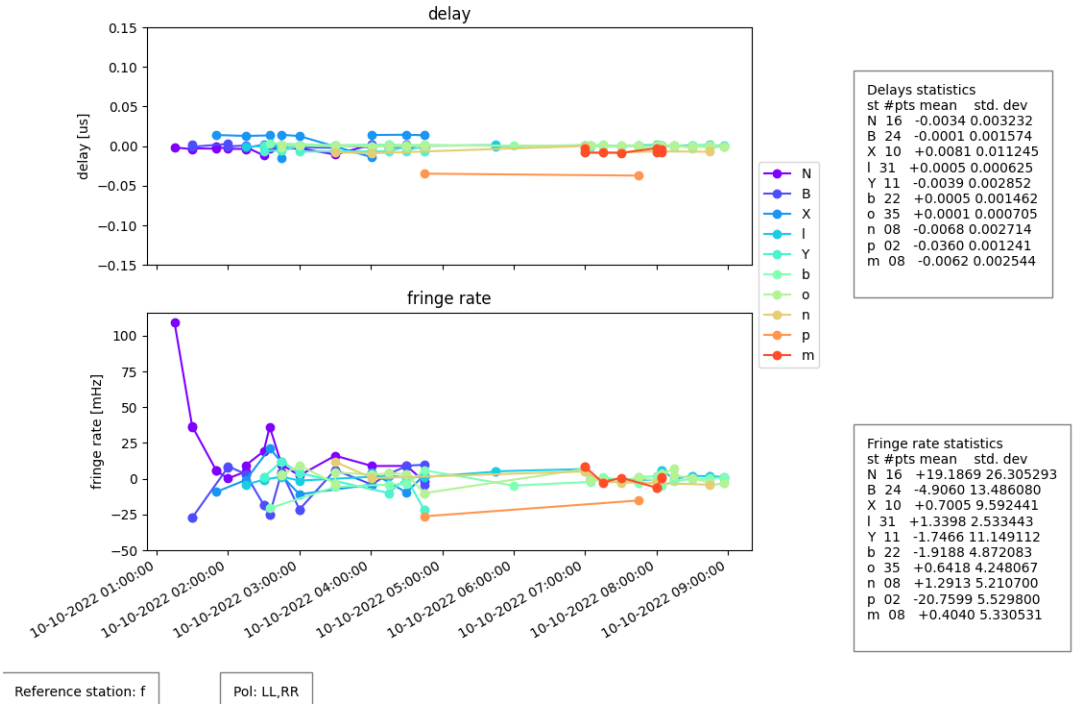
Post-Correlation checks

Residuals 3mm

Residuals to NOEMA

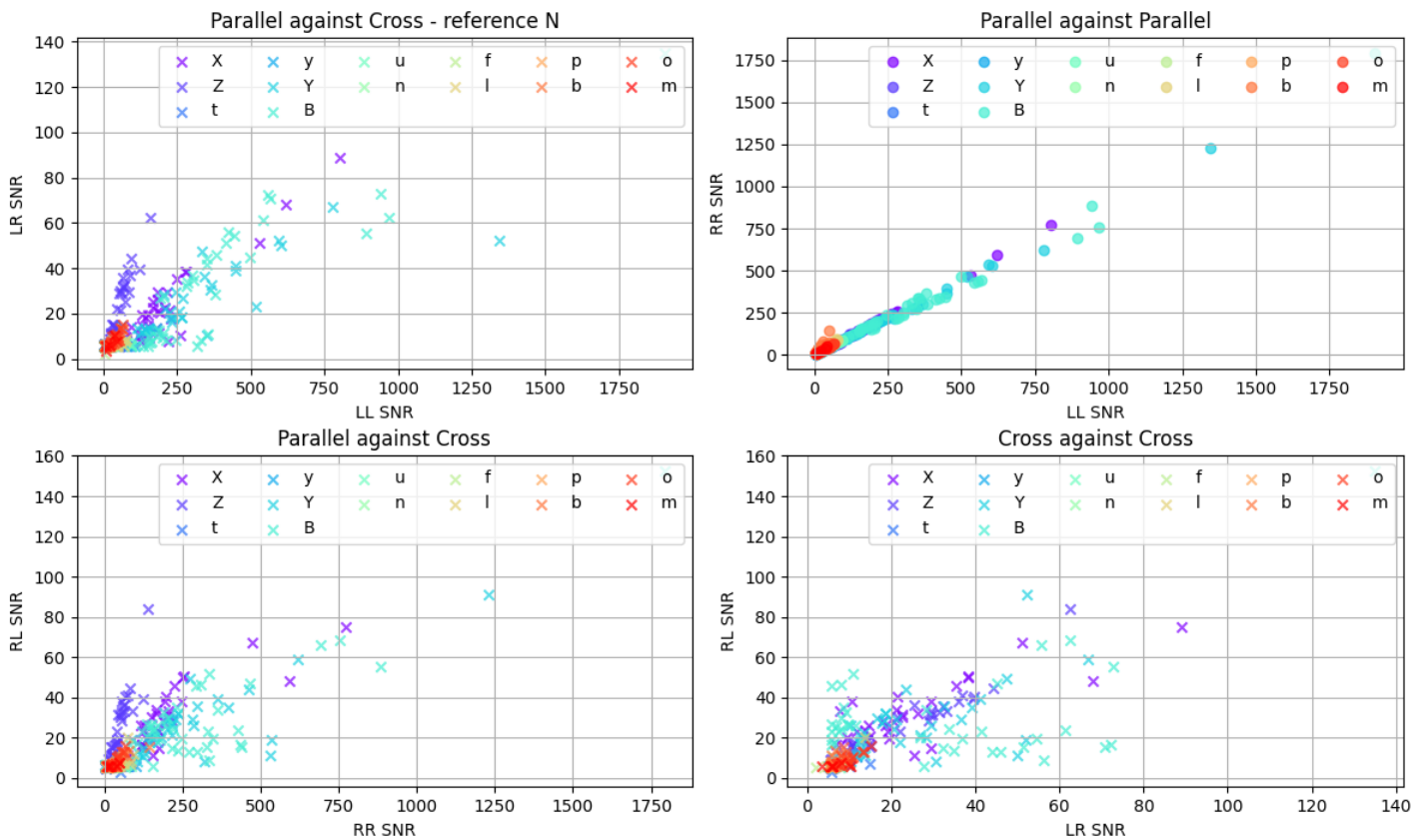


Residuals to VLBA Fd

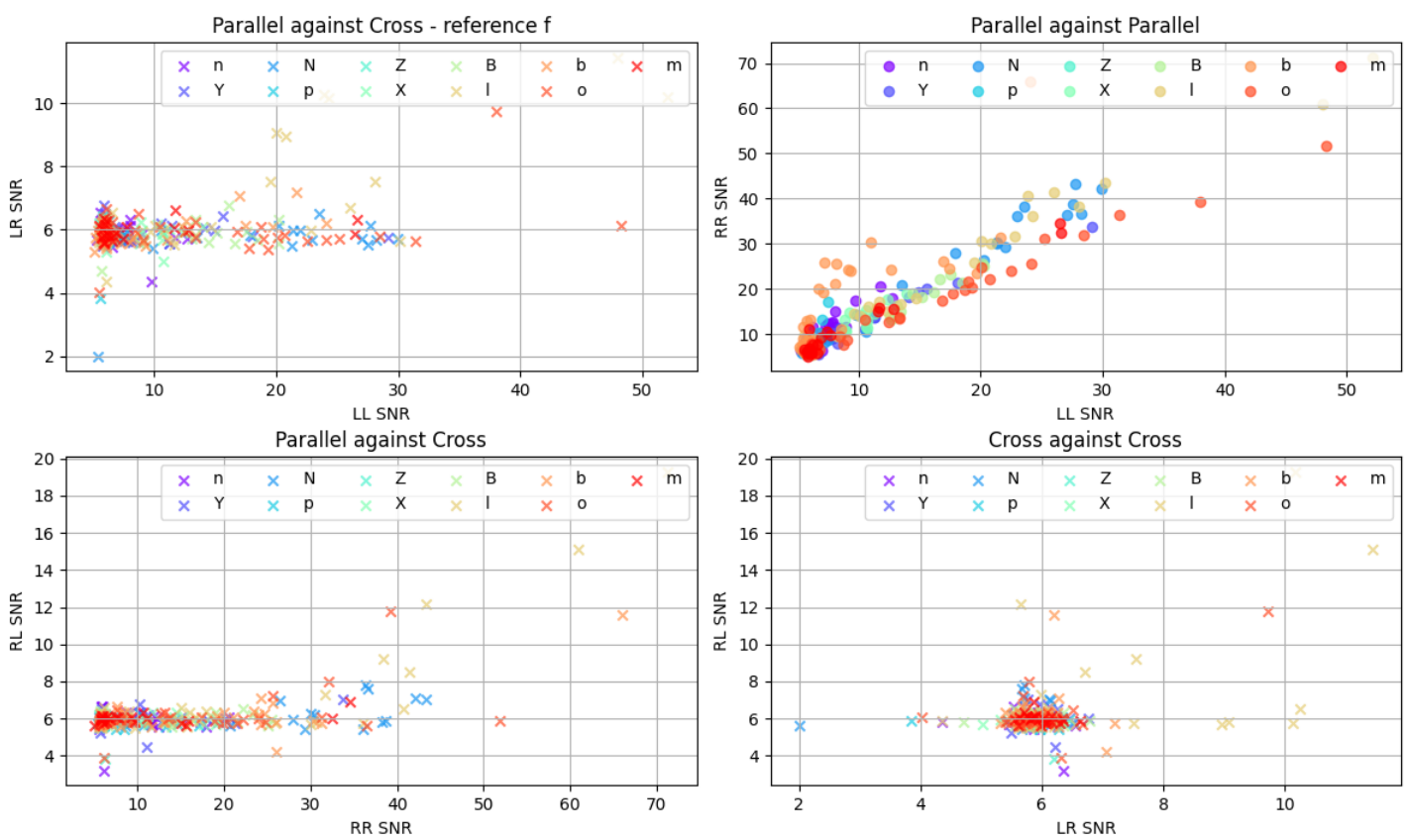


Polarization 3mm

Fringe SNRs on baselines to NOEMA

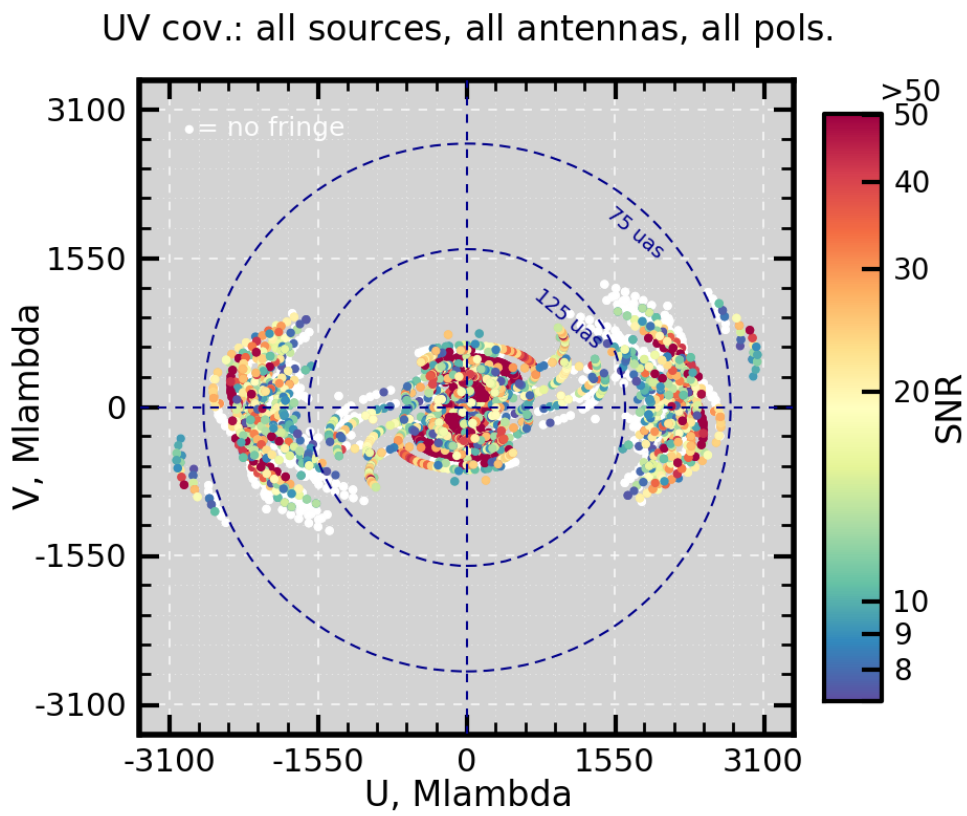


Fringe SNRs on baselines to VLBA Fd



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

Detections 3mm



FITS completeness (pclist)

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HN SC KY KU KT
c222d_1000 No0001   CTA102 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1001 No0002 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1002 No0003 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1003 No0004 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1004 No0005 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1005 No0006 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1006 No0007   CTA102 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1007 No0008 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1008 No0009 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1009 No0010 0106+013 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1010 No0011 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1011 No0012 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1012 No0013 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1013 No0014 0106+013 86ghz o  o  x  .  o  o  .  .  .  .  .  .  .
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c222d_1014 No0015 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1015 No0016 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1016 No0017 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1017 No0018 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1018 No0019 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1019 No0020     3C84 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1020 No0021 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1021 No0022 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1022 No0023 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1023 No0024 0106+013 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1024 No0025 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1025 No0026 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1026 No0027 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1027 No0028 0109+224 86ghz o  o  88 .  o  o  .  .  .  .  .  .  .
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c222d_1028 No0029 0106+013 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1029 No0030 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1030 No0031 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1031 No0032 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1032 No0033 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1033 No0034 0106+013 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1034 No0035 0109+224 86ghz o  o  o  .  o  o  .  .  .  .  .  .  .
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c222d_1035 No0036 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  .  .  .
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c222d_1036 No0037 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  .  .  .
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c222d_1037 No0038 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  .  o  .
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c222d_1038 No0039 0106+013 86ghz o  o  o  .  o  o  o  o  .  o  .  .  .
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c222d_1039 No0040 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1040 No0041 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1041 No0042 0109+224 86ghz o  o  88 .  o  o  o  o  o  o  o  o  .
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c222d_1042 No0043 0106+013 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1043 No0044 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1044 No0045 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1045 No0046 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1049 No0050 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1054 No0055 0109+224 86ghz o  o  o  .  o  o  o  o  o  o  o  o  o
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c222d_1057 No0058     3C84 86ghz o  o  o  .  o  o  o  o  o  o  o  o  .
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c222d_1058 No0059 0106+013 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1059 No0060 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1060 No0061 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1061 No0062 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1062 No0063 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1063 No0064 0106+013 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1064 No0065 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1065 No0066 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1066 No0067 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1067 No0068 0109+224 86ghz .  .  .  .  .  .  o  o  o  o  o  o  o
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c222d_1068 No0069 0106+013 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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c222d_1069 No0070 0109+224 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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c222d_1070 No0071 0109+224 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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c222d_1071 No0072 0109+224 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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c222d_1072 No0073 0109+224 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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c222d_1073 No0074     3C84 86ghz .  .  .  .  .  .  o  o  x  o  o  o  o
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