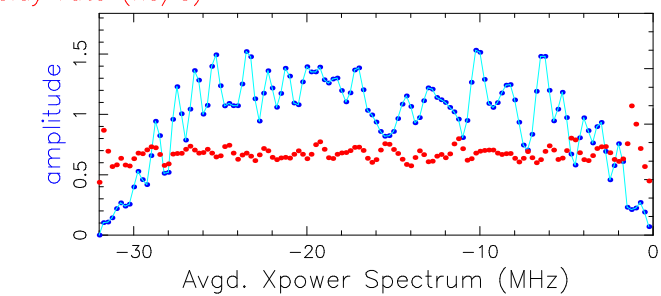
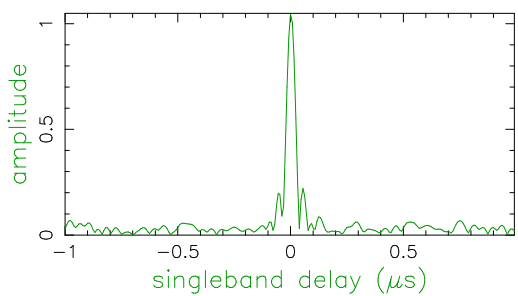


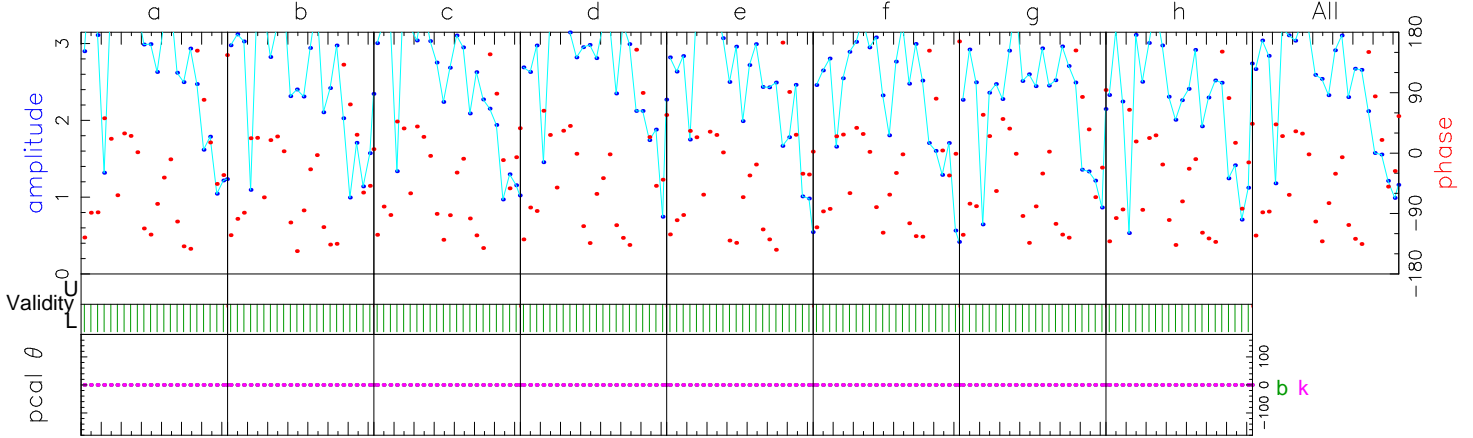
Fringe quality 7

SNR 41.6  
Int time 419.987  
Amp 1.049  
Phase -52.9  
PFD 0.0e+00  
Delays (us)  
SBD 0.001931  
MBD 0.001095  
Fringe rate (Hz)  
-0.007977  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.500

Exp. c181e  
Exper # 16383  
Yr:day 2018:106  
Start 130000.00  
Stop 130700.00  
FRT 130330.00  
Corr/FF/build  
2018:244:065042  
2018:244:140140  
2018:095:094034  
RA & Dec (J2000)  
22h53m57.7479s  
+16°08'53.561"



Amp. and Phase vs. time for each freq., 23 segs, 38 APs / seg (19.00 sec / seg.), time ticks 30 sec



86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	86412.00	86444.00	86476.00	86508.00	86540.00	86572.00	86604.00	86636.00	86668.00	86700.00	86732.00	86764.00	86796.00	86828.00	86860.00	86892.00	86924.00	86956.00	86988.00	87020.00	87052.00	87084.00	87116.00	87148.00	87180.00	87212.00	87244.00	87276.00	87308.00	87340.00	87372.00	87404.00	87436.00	87468.00	87500.00	87532.00	87564.00	87596.00	87628.00	87660.00	87692.00	87724.00	87756.00	87788.00	87820.00	87852.00	87884.00	87916.00	87948.00	87980.00	88012.00	88044.00	88076.00	88108.00	88140.00	88172.00	88204.00	88236.00	88268.00	88300.00	88332.00	88364.00	88396.00	88428.00	88460.00	88492.00	88524.00	88556.00	88588.00	88620.00	88652.00	88684.00	88716.00	88748.00	88780.00	88812.00	88844.00	88876.00	88908.00	88940.00	88972.00	89004.00	89036.00	89068.00	89100.00	89132.00	89164.00	89196.00	89228.00	89260.00	89292.00	89324.00	89356.00	89388.00	89420.00	89452.00	89484.00	89516.00	89548.00	89580.00	89612.00	89644.00	89676.00	89708.00	89740.00	89772.00	89804.00	89836.00	89868.00	89900.00	89932.00	89964.00	89996.00	90028.00	90060.00	90092.00	90124.00	90156.00	90188.00	90220.00	90252.00	90284.00	90316.00	90348.00	90380.00	90412.00	90444.00	90476.00	90508.00	90540.00	90572.00	90604.00	90636.00	90668.00	90700.00	90732.00	90764.00	90796.00	90828.00	90860.00	90892.00	90924.00	90956.00	90988.00	91020.00	91052.00	91084.00	91116.00	91148.00	91180.00	91212.00	91244.00	91276.00	91308.00	91340.00	91372.00	91404.00	91436.00	91468.00	91500.00	91532.00	91564.00	91596.00	91628.00	91660.00	91692.00	91724.00	91756.00	91788.00	91820.00	91852.00	91884.00	91916.00	91948.00	91980.00	92012.00	92044.00	92076.00	92108.00	92140.00	92172.00	92204.00	92236.00	92268.00	92300.00	92332.00	92364.00	92396.00	92428.00	92460.00	92492.00	92524.00	92556.00	92588.00	92620.00	92652.00	92684.00	92716.00	92748.00	92780.00	92812.00	92844.00	92876.00	92908.00	92940.00	92972.00	93004.00	93036.00	93068.00	93100.00	93132.00	93164.00	93196.00	93228.00	93260.00	93292.00	93324.00	93356.00	93388.00	93420.00	93452.00	93484.00	93516.00	93548.00	93580.00	93612.00	93644.00	93676.00	93708.00	93740.00	93772.00	93804.00	93836.00	93868.00	93900.00	93932.00	93964.00	93996.00	94028.00	94060.00	94092.00	94124.00	94156.00	94188.00	94220.00	94252.00	94284.00	94316.00	94348.00	94380.00	94412.00	94444.00	94476.00	94508.00	94540.00	94572.00	94604.00	94636.00	94668.00	94700.00	94732.00	94764.00	94796.00	94828.00	94860.00	94892.00	94924.00	94956.00	94988.00	95020.00	95052.00	95084.00	95116.00	95148.00	95180.00	95212.00	95244.00	95276.00	95308.00	95340.00	95372.00	95404.00	95436.00	95468.00	95500.00	95532.00	95564.00	95596.00	95628.00	95660.00	95692.00	95724.00	95756.00	95788.00	95820.00	95852.00	95884.00	95916.00	95948.00	95980.00	96012.00	96044.00	96076.00	96108.00	96140.00	96172.00	96204.00	96236.00	96268.00	96300.00	96332.00	96364.00	96396.00	96428.00	96460.00	96492.00	96524.00	96556.00	96588.00	96620.00	96652.00	96684.00	96716.00	96748.00	96780.00	96812.00	96844.00	96876.00	96908.00	96940.00	96972.00	97004.00	97036.00	97068.00	97100.00	97132.00	97164.00	97196.00	97228.00	97260.00	97292.00	97324.00	97356.00	97388.00	97420.00	97452.00	97484.00	97516.00	97548.00	97580.00	97612.00	97644.00	97676.00	97708.00	97740.00	97772.00	97804.00	97836.00	97868.00	97900.00	97932.00	97964.00	97996.00	98028.00	98060.00	98092.00	98124.00	98156.00	98188.00	98220.00	98252.00	98284.00	98316.00	98348.00	98380.00	98412.00	98444.00	98476.00	98508.00	98540.00	98572.00	98604.00	98636.00	98668.00	98700.00	98732.00	98764.00	98796.00	98828.00	98860.00	98892.00	98924.00	98956.00	98988.00	99020.00	99052.00	99084.00	99116.00	99148.00	99180.00	99212.00	99244.00	99276.00	99308.00	99340.00	99372.00	99404.00	99436.00	99468.00	99500.00	99532.00	99564.00	99596.00	99628.00	99660.00	99692.00	99724.00	99756.00	99788.00	99820.00	99852.00	99884.00	99916.00	99948.00	99980.00
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Group delay (usec)(sbd) -2.50261965710E+03 Apriori delay (usec) -2.50262075170E+03 Resid mbdelay (usec) 1.09460E-03 +/- 5.2E-05  
 Sband delay (usec) -2.50261882070E+03 Apriori clock (usec) -7.1837025E+00 Resid sbdelay (usec) 1.93100E-03 +/- 4.1E-04  
 Phase delay (usec) -2.50262075340E+03 Apriori clockrate (us/s) 1.3659999E-08 Resid phdelay (usec) -1.70498E-06 +/- 8.9E-08  
 Delay rate (us/s) -1.47622741983E-01 Apriori rate (us/s) -1.47622649380E-01 Resid rate (us/s) -9.26022E-08 +/- 3.7E-10  
 Total phase (deg) -251.4 Apriori accel (us/s/s) 2.00632384261E-05 Resid phase (deg) -52.9 +/- 2.8

RMS Theor. Amplitude 1.049 +/- 0.025 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 72.7 6.6 Search (2048X32) 1.034 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 149.7 11.5 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 ph/frq (deg) 3.9 3.9 Inc. seg. avg. 2.436 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.012 0.012  
 amp/frq (%) 8.8 6.8 Inc. frq. avg. 1.044 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

b: az 98.5 el 29.4 pa -43.4 k: az 93.5 el 37.4 pa -61.8 u,v (fr/asec) 906.635 2286.270 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/c181e/v2/1234/No0049/bk..09M5UB Output file: /Exps/c181e/v2/1234/No0049/bk.W.9.09M5UB