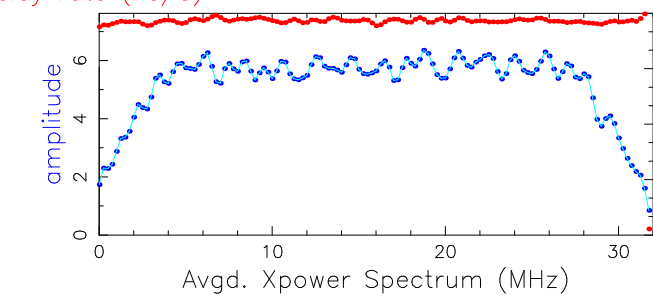
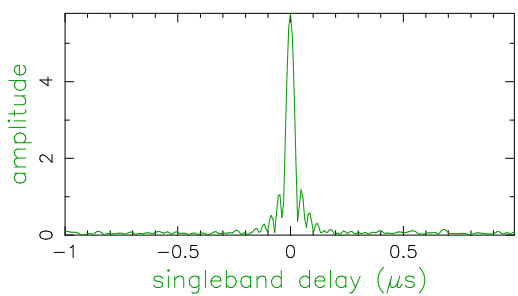


Fringe quality 8

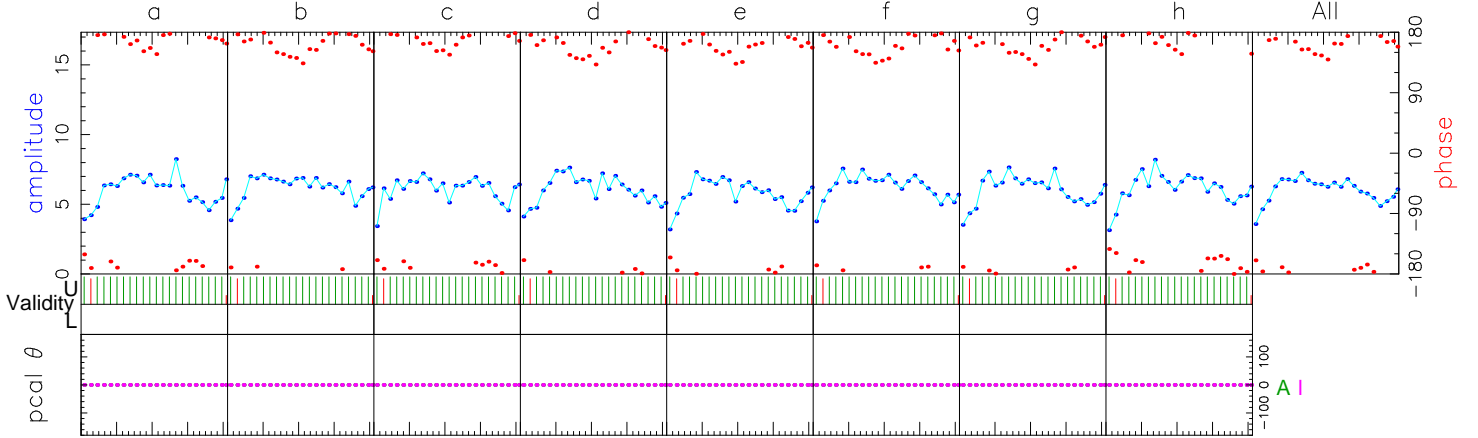
SNR 173.0  
 Int time 239.151  
 Amp 5.784  
 Phase 169.7  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.001060  
 MBD -0.001361  
 Fringe rate (Hz)  
 -0.009977  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.000  
 AP (sec) 0.512

Exp. c181c  
 Exper # 16383  
 Yr:day 2018:105  
 Start 020200.00  
 Stop 020600.13  
 FRT 020400.00  
 Corr/FF/build  
 2018:295:130625  
 2018:312:043347  
 2018:249:082454  
 RA & Dec (J2000)  
 12h56m11.1666s  
 -5°47'21.525"



Avgd. Xpower Spectrum (MHz)

Amp. and Phase vs. time for each freq., 23 segs, 21 APs / seg (10.75 sec / seg.), time ticks 10 sec



|                         |                    |                          |                    |                      |              |          |          |            |       |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|----------|----------|------------|-------|
| 86124.00                | 86156.00           | 86188.00                 | 86220.00           | 86252.00             | 86284.00     | 86316.00 | 86348.00 | Freq (MHz) | All   |
| 177.2                   | 164.3              | 177.0                    | 163.4              | 165.2                | 164.0        | 164.1    | -177.2   | Phase      | 169.7 |
| 5.8                     | 6.0                | 5.8                      | 5.8                | 5.6                  | 6.0          | 5.8      | 5.8      | Ampl.      | 5.8   |
| 128.8                   | 129.1              | 128.6                    | 129.0              | 128.5                | 129.2        | 128.6    | 129.2    | Sbd box    | 128.9 |
| U/L 468/0               | 468/0              | 468/0                    | 468/0              | 468/0                | 468/0        | 468/0    | 468/0    | APs used   |       |
| A 0                     | 0                  | 0                        | 0                  | 0                    | 0            | 0        | 0        | PC freqs   |       |
| I 1000                  | 1000               | 1000                     | 1000               | 1000                 | 1000         | 1000     | 1000     | PC freqs   |       |
| A:I 0:0                 | 0:0                | 0:0                      | 0:0                | 0:0                  | 0:0          | 0:0      | 0:0      | PC phase   |       |
| A:I 0:0                 | 0:0                | 0:0                      | 0:0                | 0:0                  | 0:0          | 0:0      | 0:0      | ManI PC    |       |
| A 1000                  | 1000               | 1000                     | 1000               | 1000                 | 1000         | 1000     | 1000     | PC amp     |       |
| I 1000                  | 1000               | 1000                     | 1000               | 1000                 | 1000         | 1000     | 1000     |            |       |
| A W00UL                 | W01UL              | W02UL                    | W03UL              | W04UL                | W05UL        | W06UL    | W07UL    | Chan ids   |       |
| I W00UL                 | W01UL              | W02UL                    | W03UL              | W04UL                | W05UL        | W06UL    | W07UL    | Tracks     |       |
|                         |                    |                          |                    |                      |              |          |          | Chan ids   |       |
|                         |                    |                          |                    |                      |              |          |          | Tracks     |       |
| Group delay (usec)(sbd) | 1.03651816978E+04  | Apriori delay (usec)     | 1.03651830586E+04  | Resid mbdelay (usec) | -1.36076E-03 | +/-      | 1.3E-05  |            |       |
| Sband delay (usec)      | 1.03651819986E+04  | Apriori clock (usec)     | -2.0963337E+03     | Resid sbdelay (usec) | -1.06000E-03 | +/-      | 1.0E-04  |            |       |
| Phase delay (usec)      | 1.03651830640E+04  | Apriori clockrate (us/s) | -3.6700000E-07     | Resid phdelay (usec) | 5.47253E-06  | +/-      | 2.1E-08  |            |       |
| Delay rate (us/s)       | -4.84113375208E-01 | Apriori rate (us/s)      | -4.84113259390E-01 | Resid rate (us/s)    | -1.15818E-07 | +/-      | 1.5E-10  |            |       |
| Total phase (deg)       | 49.2               | Apriori accel (us/s/s)   | -5.49969401160E-05 | Resid phase (deg)    | 169.7        | +/-      | 0.7      |            |       |

ph/seg (deg) 16.2 1.6 Theor. Amplitude 5.784 +/- 0.033 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 15.1 2.8 Search (1024X32) 5.589 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 8.5 0.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 amp/frq (%) 2.3 1.6 Inc. seg. avg. 6.004 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.011 0.011  
 Inc. frq. avg. 5.823 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

A: az 62.3 el 57.8 pa -125.1 I: az 108.8 el 14.9 pa -50.4 u,v (fr/asec) 2745.555 -8132.139 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c181c/v2\_pc1/1234/No0075/AI..0D2X6U Output file: /Exps/c181c/v2\_pc1/1234/No0075/AI.W.13.0D2X6U