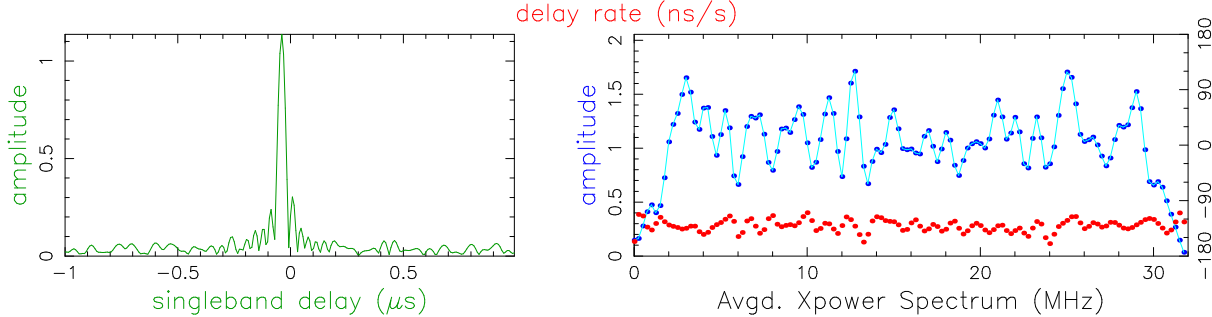


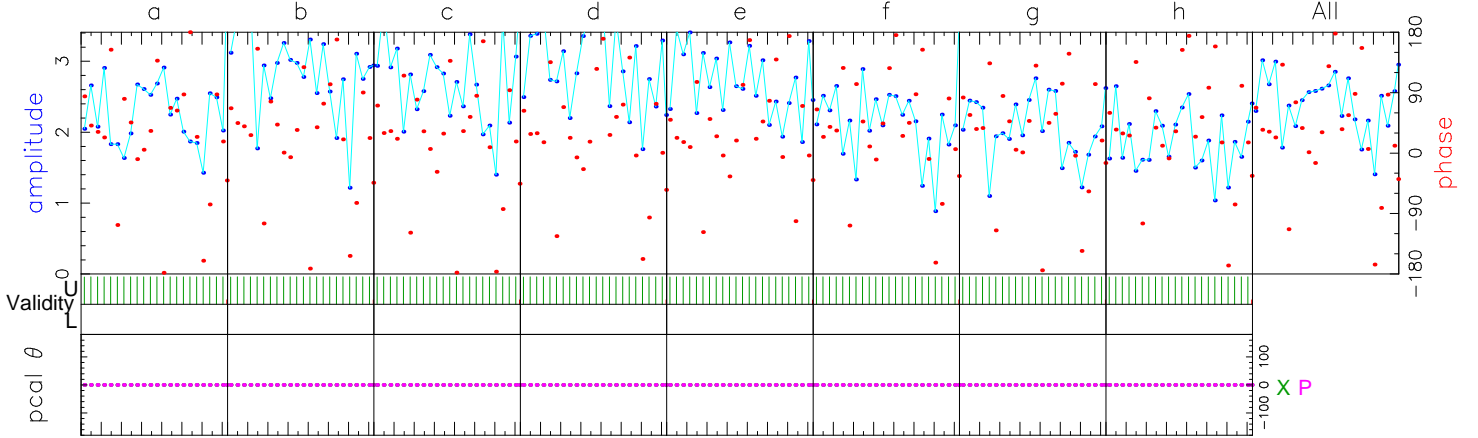
Fringe quality 7

SNR 45.0  
 Int time 418.323  
 Amp 1.137  
 Phase -134.0  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.039182  
 MBD -0.007390  
 Fringe rate (Hz)  
 -0.001670  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512

Exp. c182c  
 Exper # 16383  
 Yr:day 2018:274  
 Start 020000.00  
 Stop 020659.84  
 FRT 020330.00  
 Corr/FF/build  
 2019:050:210240  
 2019:051:164247  
 2018:249:082454  
 RA & Dec (J2000)  
 22h53m57.7479s  
 +16°08'53.561"



Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



|                         | 86124.00           | 86156.00 | 86188.00                 | 86220.00 | 86252.00           | 86284.00 | 86316.00             | 86348.00 | Freq (MHz)               | All   |
|-------------------------|--------------------|----------|--------------------------|----------|--------------------|----------|----------------------|----------|--------------------------|-------|
|                         | 55.4               | 49.5     | 42.2                     | 40.9     | 32.1               | 45.5     | 58.2                 | 49.4     | Phase                    | 46.0  |
|                         | 1.0                | 1.4      | 1.2                      | 1.3      | 1.2                | 1.0      | 1.1                  | 0.9      | Ampl.                    | 1.1   |
|                         | 124.1              | 123.9    | 124.0                    | 124.1    | 124.2              | 124.0    | 123.8                | 123.5    | Sbd box                  | 124.0 |
| U/L                     | 820/0              | 820/0    | 820/0                    | 820/0    | 820/0              | 820/0    | 820/0                | 820/0    | APs used                 |       |
| X                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC freqs                 |       |
| P                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC freqs                 |       |
| X:P                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | PC phase                 |       |
| X:P                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | ManI PC                  |       |
| X                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC amp                   |       |
| P                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     |                          |       |
| X                       | W00UR              | W01UR    | W02UR                    | W03UR    | W04UR              | W05UR    | W06UR                | W07UR    | Chan ids                 |       |
| P                       | W00UL              | W01UL    | W02UL                    | W03UL    | W04UL              | W05UL    | W06UL                | W07UL    | Tracks                   |       |
|                         |                    |          |                          |          |                    |          |                      |          | Chan ids                 |       |
|                         |                    |          |                          |          |                    |          |                      |          | Tracks                   |       |
| Group delay (usec)(sbd) | -4.28225657103E+03 |          | Apriori delay (usec)     |          | -4.28221793070E+03 |          | Resid mbdelay (usec) |          | -7.39033E-03 +/- 4.8E-05 |       |
| Sband delay (usec)      | -4.28225711270E+03 |          | Apriori clock (usec)     |          | 1.8197889E+01      |          | Resid sbdelay (usec) |          | -3.91820E-02 +/- 3.8E-04 |       |
| Phase delay (usec)      | -4.28221792921E+03 |          | Apriori clockrate (us/s) |          | 5.3730002E-07      |          | Resid phdelay (usec) |          | 1.48484E-06 +/- 8.2E-04  |       |
| Delay rate (us/s)       | 2.06989003427E-01  |          | Apriori rate (us/s)      |          | 2.06989022814E-01  |          | Resid rate (us/s)    |          | -1.93868E-08 +/- 3.4E-10 |       |
| Total phase (deg)       | -332.0             |          | Apriori accel (us/s/s)   |          | 3.04355091942E-05  |          | Resid phase (deg)    |          | -134.0 +/- 2.5           |       |

RMS Theor. Amplitude 1.137 +/- 0.025 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 74.6 6.1 Search (2048X32) 1.098 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 116.2 10.7 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 ph/frq (deg) 9.1 3.6 Inc. seg. avg. 2.383 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.011 0.011  
 amp/frq (%) 15.7 6.3 Inc. frq. avg. 1.145 ion window (TEC) 0.00 0.00

X: az 260.3 el 25.5 pa 33.6 P: az 260.5 el 39.3 pa 54.9 u,v (fr/asec) -1195.326 2741.905 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c182c/v1/1234/No0107/XP..0IGS14 Output file: /Exps/c182c/v1/1234/No0107/XP.W.303.0IGS14