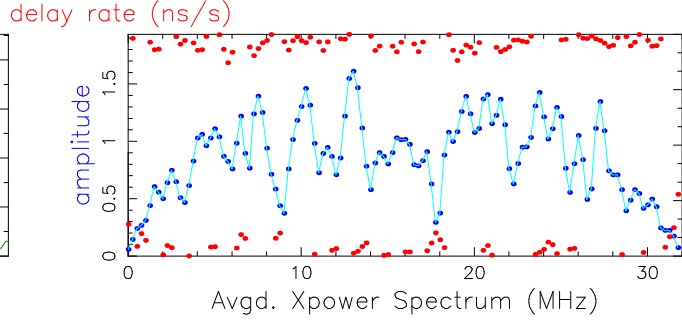
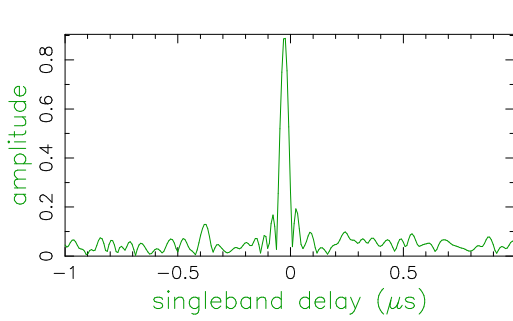


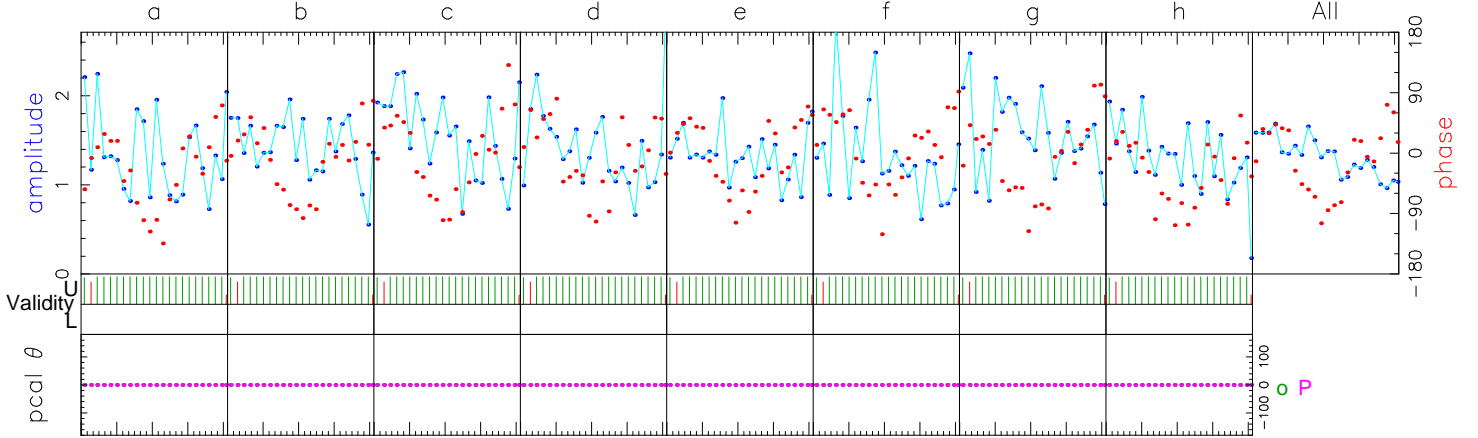
Fringe quality 7

SNR 26.9
Int time 236.989
Amp 0.905
Phase -189.4
PFD 0.0e+00
Delays (us)
SBD -0.027222
MBD 0.004695
Fringe rate (Hz)
-0.017164
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. c182c
Exper # 16383
Yr:day 2018:274
Start 020259.71
Stop 020659.84
FRT 020330.00
Corr/FF/build
2019:050:210240
2019:051:164239
2018:249:082454
RA & Dec (J2000)
22h53m57.7479s
+16°08'53.561"



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 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------|
| | -24.5 | -12.2 | -5.1 | -0.5 | 0.3 | 4.7 | -11.5 | -25.7 | Phase | -9.4 |
| | 0.8 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | Ampl. | 0.9 |
| | 125.1 | 125.5 | 125.9 | 125.2 | 125.6 | 125.5 | 125.9 | 125.3 | Sbd box | 125.5 |
| U/L | 466/0 | 466/0 | 466/0 | 466/0 | 466/0 | 466/0 | 466/0 | 466/0 | APs used | |
| o | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC freqs | |
| P | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC freqs | |
| o:P | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| o:P | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | ManI PC | |
| o | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| P | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| o | W00UL | W01UL | W02UL | W03UL | W04UL | W05UL | W06UL | W07UL | Chan ids | |
| P | W00UL | W01UL | W02UL | W03UL | W04UL | W05UL | W06UL | W07UL | Tracks | |

| | | | | | | | |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| Group delay (usec)(sbd) | -1.87791283321E+03 | Apriori delay (usec) | -1.87788627772E+03 | Resid mbdelay (usec) | 4.69452E-03 | +/- | 8.1E-05 |
| Sband delay (usec) | -1.87791350022E+03 | Apriori clock (usec) | 1.0778252E+01 | Resid sbdelay (usec) | -2.72225E-02 | +/- | 6.4E-04 |
| Phase delay (usec) | -1.87788627802E+03 | Apriori clockrate (us/s) | 4.6175997E-07 | Resid phdelay (usec) | -3.01708E-07 | +/- | 1.4E-07 |
| Delay rate (us/s) | 1.99952025332E+00 | Apriori rate (us/s) | 1.99952045258E+00 | Resid rate (us/s) | -1.99261E-07 | +/- | 1.0E-09 |
| Total phase (deg) | -176.0 | Apriori accel (us/s/s) | 1.01106170004E-05 | Resid phase (deg) | -189.4 | +/- | 4.3 |

| | | | | | | | | | | | | |
|-----------------------------|-----------------------------|------------------|-------|----------------|--------------------|-----------------------|-----------------------------|------------------|----------------|------------------|--------|-------|
| ph/seg (deg) | 49.8 | RMS | 10.2 | Theor. | 10.2 | Amplitude | 0.905 +/- 0.034 | Pcal mode: | MANUAL, MANUAL | PC period (AP's) | 5, 5 | |
| amp/seg (%) | 51.7 | Search (1024X32) | 0.883 | Interp. | 0.000 | Pcal rate: | 0.000E+00, 0.000E+00 (us/s) | sb window (us) | -1.000 | 1.000 | | |
| ph/frq (deg) | 12.2 | Inc. seg. avg. | 1.301 | Inc. frq. avg. | 0.898 | Bits/sample: | 2x2 | SampCntNorm: | enabled | mb window (us) | -0.016 | 0.016 |
| amp/frq (%) | 5.8 | Inc. frq. avg. | 0.898 | u,v (fr/asec) | -11913.887 306.497 | Sample rate(MSamp/s): | 64 | dr window (ns/s) | -0.011 | 0.011 | | |
| o: az 93.2 el 31.7 pa -55.8 | P: az 260.5 el 39.3 pa 54.9 | Data rate(Mb/s): | 1024 | nlags: | 128 | t_cohere: | infinite | ion window (TEC) | 0.00 | 0.00 | | |