

Fringe quality 7

SNR 107.8

Int time 319.629

Amp 2.278

Phase -22.7

PFD 0.0e+00

Delays (us)

SBD 0.006087

MBD 0.006048

Fringe rate (Hz) 0.005842

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 0.512

Exp. c181c

Exper # 16383

Yr:day 2018:105

Start 153000.00

Stop 154000.06

FRT 153500.00

Corr/FF/build

2018:289:022036

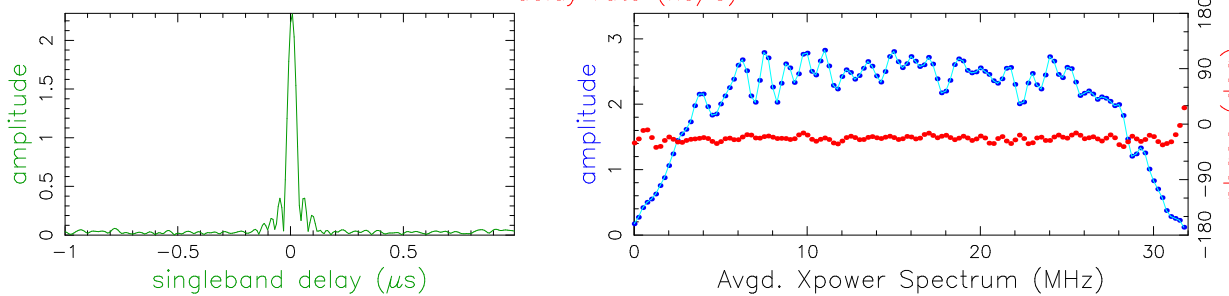
2018:312:113116

2018:249:082454

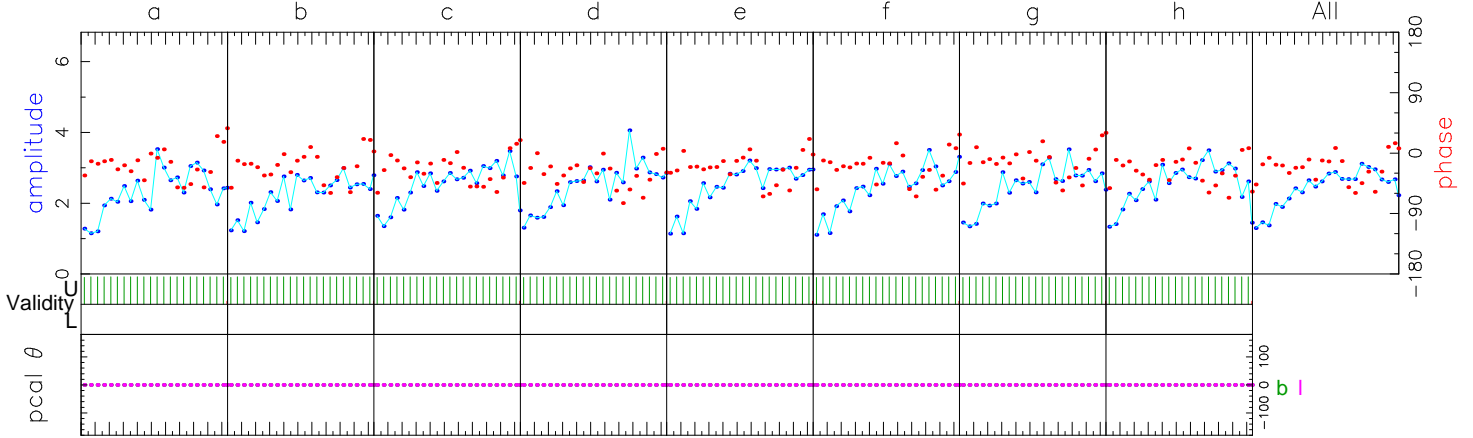
RA & Dec (J2000)

22h32m36.4089s

+11°43'50.904"



Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 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
-20.0	-18.9	-25.5	-31.9	-21.6	-21.7	-14.6	-26.3	Phase	-22.7
2.2	2.1	2.4	2.3	2.3	2.3	2.3	2.4	Ampl.	2.3
129.6	129.9	129.8	129.8	129.9	129.7	129.8	129.7	Sbd box	129.8
U/L 1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	APs used	
b 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
l 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
b:l 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
b:l 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Man'l PC	
b 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
l 1000	1000	1000	1000	1000	1000	1000	1000		
b W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
l W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Tracks	
								Chan ids	
								Tracks	

Group delay (usec)(sbd) -3.05203498333E+03 Apriori delay (usec) -3.05204103118E+03 Resid mbdelay (usec) 6.04785E-03 +/- 2.0E-05

Sband delay (usec) -3.05203494418E+03 Apriori clock (usec) 3.4878423E+00 Resid sbdelay (usec) 6.08700E-03 +/- 1.6E-04

Phase delay (usec) -3.05204103191E+03 Apriori clockrate (us/s) 5.9999999E-08 Resid phdelay (usec) -7.31230E-07 +/- 3.4E-08

Delay rate (us/s) 2.03622307169E-01 Apriori rate (us/s) 2.03622239354E-01 Resid rate (us/s) 6.78150E-08 +/- 1.9E-10

Total phase (deg) -175.9 Apriori accel (us/s/s) 1.99457501303E-05 Resid phase (deg) -22.7 +/- 1.1

RMS Theor. Amplitude 2.278 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 20.3 2.5 Search (4096X32) 2.242 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 23.4 4.4 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 5.7 1.5 Inc. seg. avg. 2.427 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 (%) 4.5 2.6 Inc. frq. avg. 2.278 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

b: az 146.0 el 49.4 pa -22.3 l: az 160.4 el 64.9 pa -13.7 u,v (fr/asec) -1155.014 1721.439 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c181c/v2\_pc1/1234/No0187/bl..0D2YR1 Output file: /Exps/c181c/v2\_pc1/1234/No0187/bl.W.10.0D2YR1