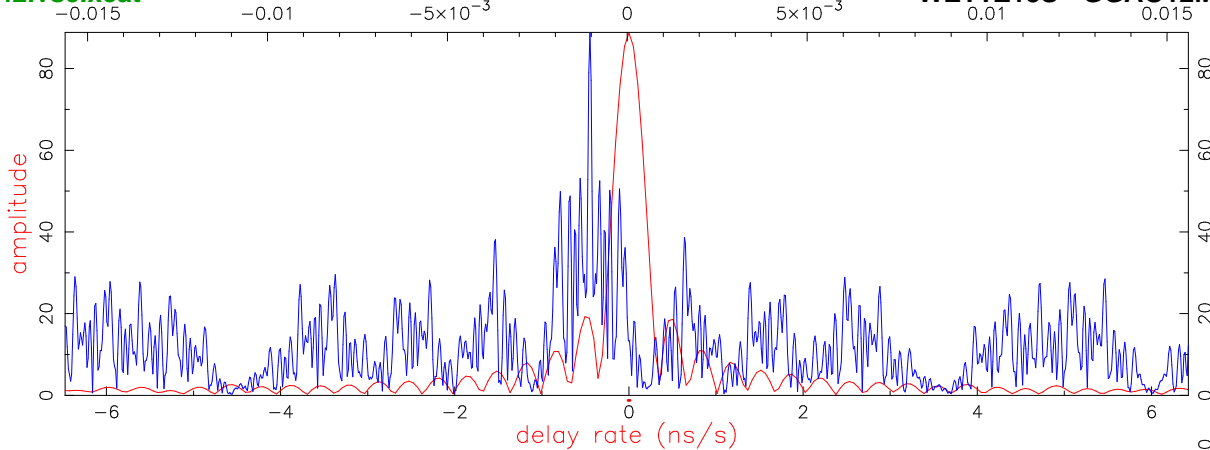


## Mk4/DiFX fourfit 3.23 rev 3383

i42.vsc.xcat

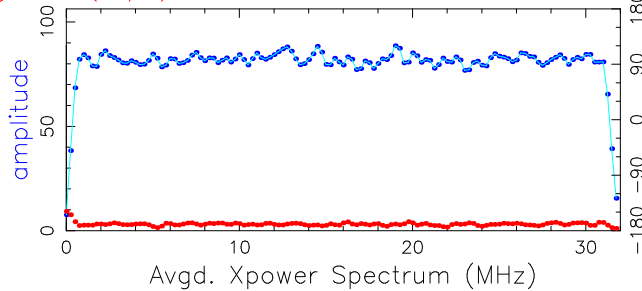
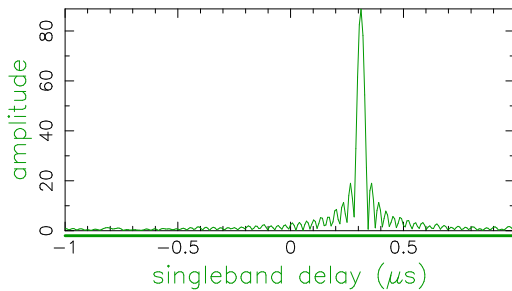
0333+321.2MP67Q, SIM001, LW

WETTZ13S - GGAO12M, fgroup X, pol RR

multiband delay ( $\mu$ s)

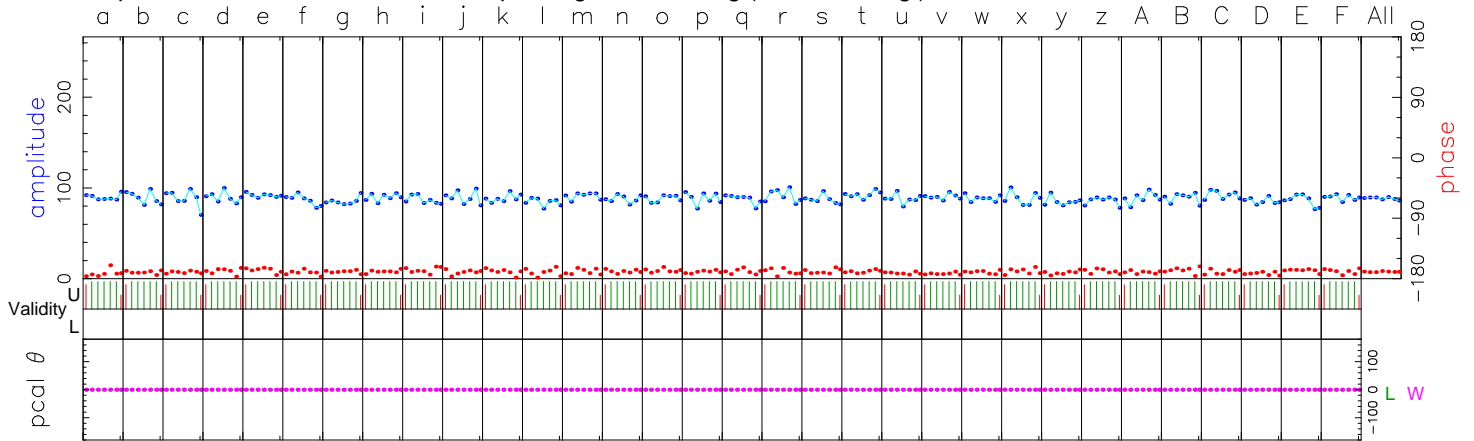
Fringe quality 9

SNR 246.1  
Int time 0.981  
Amp 88.854  
Phase -169.5  
PFD 0.0e+00  
Delays (us)  
SBD 0.311477  
MBD -0.001039  
Fringe rate (Hz)  
-0.000683  
Ion TEC 0.000  
Ref freq (MHz)  
3016.4000  
AP (sec) 0.026



Exp. sim  
Yr:day 1234  
Start 211345.00  
Stop 211346.00  
FRT 211345.00  
Corr/FF/build  
2023:072:143741  
2023:072:160421  
2022:343:140503  
RA & Dec (J2000)  
03h36m30.107611s  
+32°18'29.344021"

Amp. and Phase vs. time for each freq., 7 segs, 6 APs / seg (0.15 sec / seg.), time ticks 1 sec



	3016.40	3048.40	3080.40	3208.40	3304.40	3368.40	3432.40	3464.40	5256.40	5288.40	5320.40	5448.40	5544.40	5608.40	5672.40	5704.40	6376.40	6408.40	6440.40	6568.40	6664.40	6728.40	6792.40	6824.40	10216.40	10248.40	10280.40	10408.40	10504.40	10568.40	10632.40	10664.40	49req (MHz)	All		
	-171.7	-170.5	-170.1	-168.9	-167.0	-170.5	-169.3	-169.4	-167.6	-170.3	-169.6	-169.9	-168.9	-168.9	-167.7	-169.7	-169.1	-169.5	-169.0	-169.1	-171.5	-172.3	-170.2	-168.4	-171.2	-168.7	-170.4	-167.9	-169.7	-172.0	-167.2	-169.2	Phase	-169.5		
	89.2	89.9	89.8	89.8	91.8	87.1	84.9	89.9	87.0	90.3	88.4	84.5	91.3	87.8	88.6	88.9	87.9	91.4	87.5	92.7	88.0	90.5	88.6	88.8	85.2	86.3	89.2	89.5	92.5	85.9	86.8	89.5	Ampl.	88.7		
	168.8	168.9	168.9	168.8	168.8	168.8	168.9	168.9	168.9	168.9	168.9	169.0	168.8	169.0	168.9	168.9	168.9	168.8	168.9	168.8	168.9	168.9	168.9	168.9	168.8	168.8	168.9	168.9	168.8	168.8	168.9	168.9	Sdb box	168.9		
U/L	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	39/0	APs used			
L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PC freqs		
W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PC freqs		
LW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	PC phase		
LW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Manl PC		
L	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
W	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
L	X00UR	X01UR	X02UR	X03UR	X04UR	X05UR	X06UR	X07UR	X08UR	X09UR	X10UR	X11UR	X12UR	X13UR	X14UR	X15UR	X16UR	X17UR	X18UR	X19UR	X20UR	X21UR	X22UR	X23UR	X24UR	X25UR	X26UR	X27UR	X28UR	X29UR	X30UR	X31UR		Chan ids		
W	X00UR	X01UR	X02UR	X03UR	X04UR	X05UR	X06UR	X07UR	X08UR	X09UR	X10UR	X11UR	X12UR	X13UR	X14UR	X15UR	X16UR	X17UR	X18UR	X19UR	X20UR	X21UR	X22UR	X23UR	X24UR	X25UR	X26UR	X27UR	X28UR	X29UR	X30UR	X31UR		Chan ids		
																																		Tracks		

Group delay (usec) (MODEL)	-1.03902929687E-03	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-1.03903E-03	+/-	2.5E-07
Sband delay (usec)	3.11477000000E-04	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	3.11477E-04	+/-	7.0E-05
Phase delay (usec)	-1.56127550807E-04	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-1.56128E-04	+/-	4.3E-07
Delay rate (us/s)	-2.26560000000E-07	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	-2.26560E-07	+/-	7.4E-07
Total phase (deg)	-169.5	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	-169.5	+/-	0.5

ph/seg (deg)	0.5	Theor.	Amplitude	88.854 +/- 0.361	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
amp/seg (%)	1.3	0.6	Search (128X1024)	88.677	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000	
ph/frq (deg)	1.3	1.1	Interp.	0.000	Bits/sample: 1x1	SampCntNorm: disabled	mb window (us)	-0.016	0.016
amp/frq (%)	2.3	2.3	Inc. seg. avg.	88.704	Data rate (MSamp/s): 64 MBpts 1024 Amb 0.031 us	dr window (ns/s)	-0.010	0.010	
			Inc. frq. avg.	88.705	Data rate (Mb/s): 2048	nlags: 128 t_coherence infinite	ion window (TEC)	0.00	0.00

L: az 259.5 el 53.3 pa 49.6 W: az 259.5 el 53.3 pa 49.6 u,v (fr/asec) 0.000 0.000 simultaneous interpolator

Control file: default Input file: /gfps/cdata/simulation/SOFT/20230311/node09/VieRDS/OUT/2023\_070\_20\_56\_29/1234/SIM001/LW..2MP67Q Output file: /gfps/cdata/simulation/SOFT/20230311/node09/VieRDS/OUT/2023\_070\_20\_56\_29/1234/SIM001/LW..2MP67Q