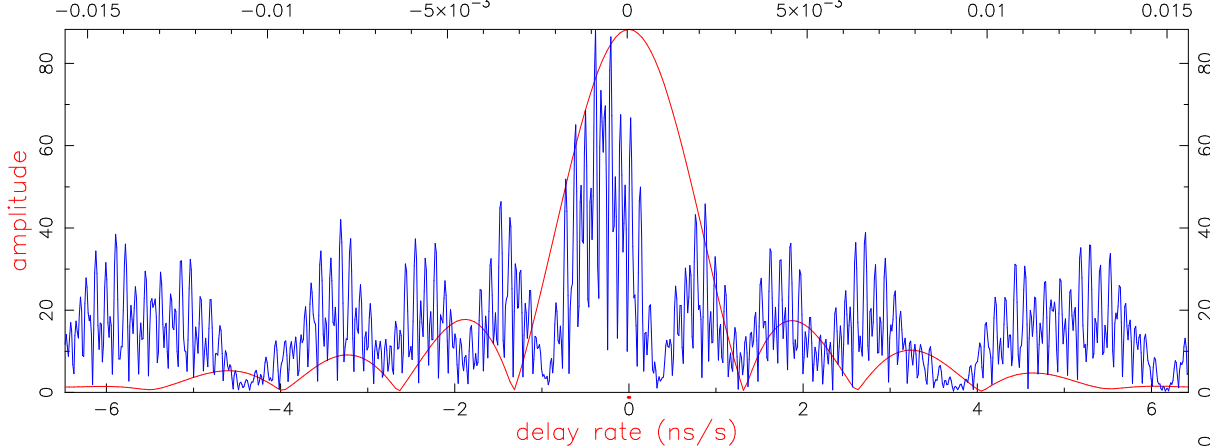


## Mk4/DiFX fourfit 3.23 rev 3383

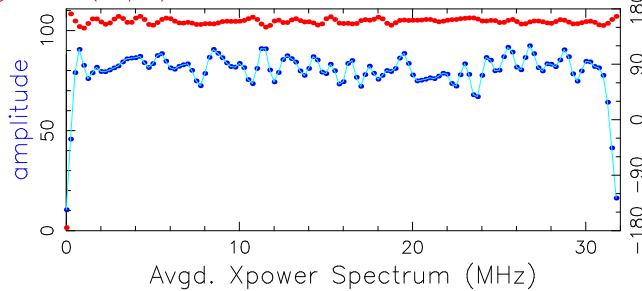
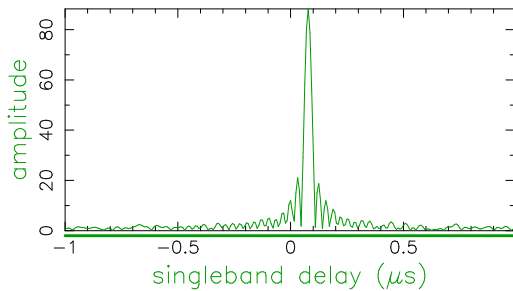
i42.vsc.xcat

0333+321.2MP5AB, SIM001, LW

WETTZ13S - GGAO12M, fgroup X, pol RR

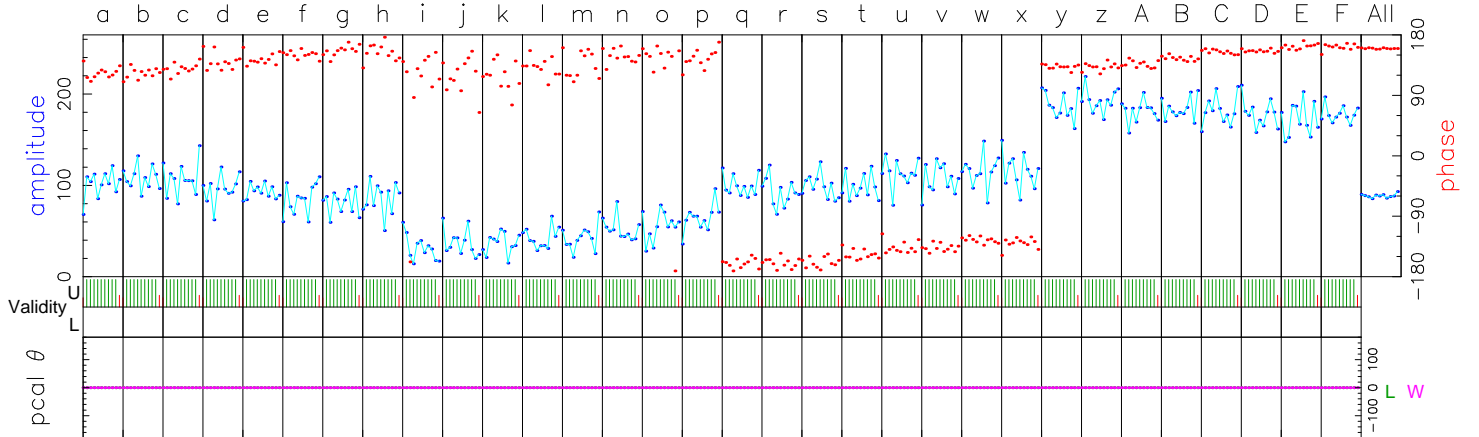
multiband delay ( $\mu$ s)

Fringe quality 5  
Error code G  
SNR 123.4  
Int time 0.250  
Amp 88.287  
Phase 159.6  
PFD 0.0e+00  
Delays (us)  
SBD 0.077744  
MBD -0.000887  
Fringe rate (Hz)  
0.001506  
Ion TEC 0.000  
Ref freq (MHz)  
3016.4000  
AP (sec) 0.026



Exp. sim  
Exper # 1234  
Yr:day 2020:028  
Start 211345.00  
Stop 211345.28  
FRT 211345.00  
Corr/FF/build  
2023:072:141739  
2023:072:154522  
2022:343:140503  
RA & Dec (J2000)  
03h36m30.107611s  
+32°18'29.344021"

Amp. and Phase vs. time for each freq., 11 segs, 1 APs / seg (0.03 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	Freq (MHz)	All		
	121.3	122.8	129.5	137.8	142.1	150.9	156.7	155.0	132.3	125.6	121.1	134.1	137.5	147.3	152.2	146.0	-159.7	-158.8	-159.2	-147.2	-138.2	-137.0	-125.5	-128.9	132.2	132.9	136.1	144.9	154.8	155.9	163.0	162.7	Phase	159.6		
	102.8	107.7	103.1	93.6	93.2	85.2	81.4	84.7	27.6	34.0	34.1	40.8	38.2	50.6	52.2	64.6	96.9	91.7	99.3	99.4	111.8	108.1	114.6	112.8	185.3	191.7	180.4	182.0	181.5	177.4	172.1	177.5	Ampl.	105.4		
	138.9	138.9	139.0	138.8	138.9	139.0	138.8	139.0	138.4	139.1	139.2	139.3	139.2	138.7	138.8	138.9	138.9	138.9	139.0	139.0	139.0	139.0	139.0	138.9	139.0	139.0	139.0	139.1	139.0	138.9	139.0	139.1	138.9	Sbd box	139.0	
U/L	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	11/0	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	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	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	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		
																																			Tracks	
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		

Group delay (usec) (MODEL)	-8.87070312500E-04	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-8.87070E-04	+/-	4.9E-07
Sband delay (usec)	7.77435000000E-02	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	7.77435E-02	+/-	1.4E-04
Phase delay (usec)	1.47009747198E-04	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	1.47010E-04	+/-	8.5E-07
Delay rate (us/s)	4.99200000000E-07	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	4.99200E-07	+/-	5.3E-06
Total phase (deg)	159.6	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	159.6	+/-	0.9

ph/seg (deg)	0.7	Theor.	1.5	Amplitude	88.287 +/- 0.715	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
amp/seg (%)	2.0	Search (32X1024)	88.199	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000	
ph/frq (deg)	35.7	Inc. seg. avg.	88.239	Inc. seg. avg.	88.239	Bits/sample: 1x1	SampCntNorm: disabled	mb window (us)	-0.016	0.016
amp/frq (%)	60.1	Inc. frq. avg.	105.402	Inc. frq. avg.	105.402	Data rate(MSamp/s): 64 MBpts 1024 Amb 0.031 us	dr window (ns/s)	-0.010	0.010	
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	Data rate(Mb/s): 2048	nlags: 128 t_coherence infinite	ion window (TEC)	0.00	0.00

Control file: default Input file: /gfps/cdata/simulation/SOFT/20230311/node06/VieRDS/OUT/2023\_071\_15\_38\_40/1234/SIM001/LW..2MP5AB Output file: /gfps/cdata/simulation/SOFT/20230311/node06/VieRDS/OUT/2023\_071\_15\_38\_40/1234/SIM001/LW..2MP5AB