

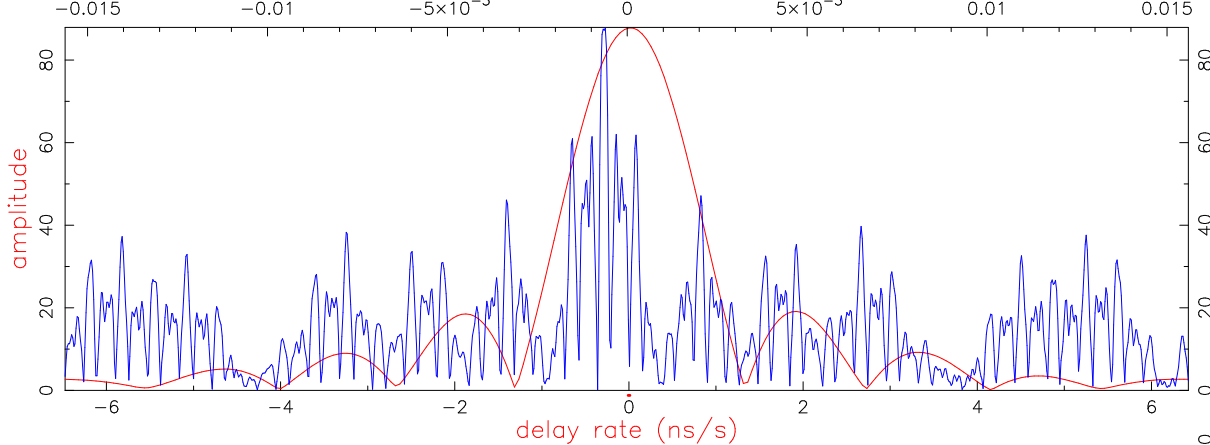
## Mk4/DiFX fourfit 3.23 rev 3383

i42.vsc.xcat

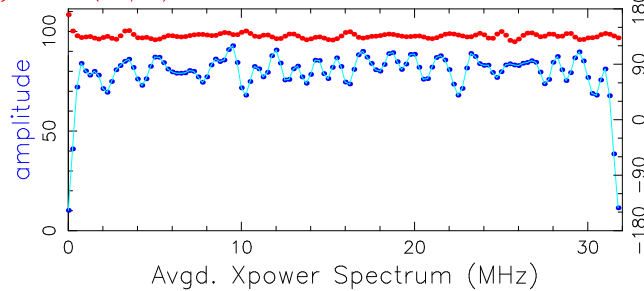
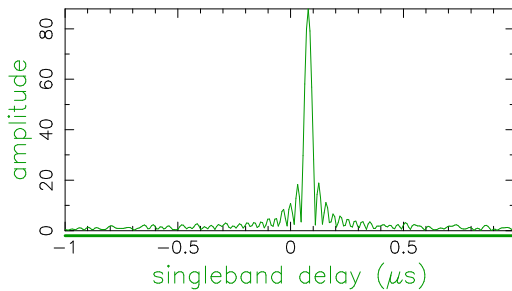
multiband delay ( $\mu$ s)

0333+321.2MP4V6, SIM001, LW

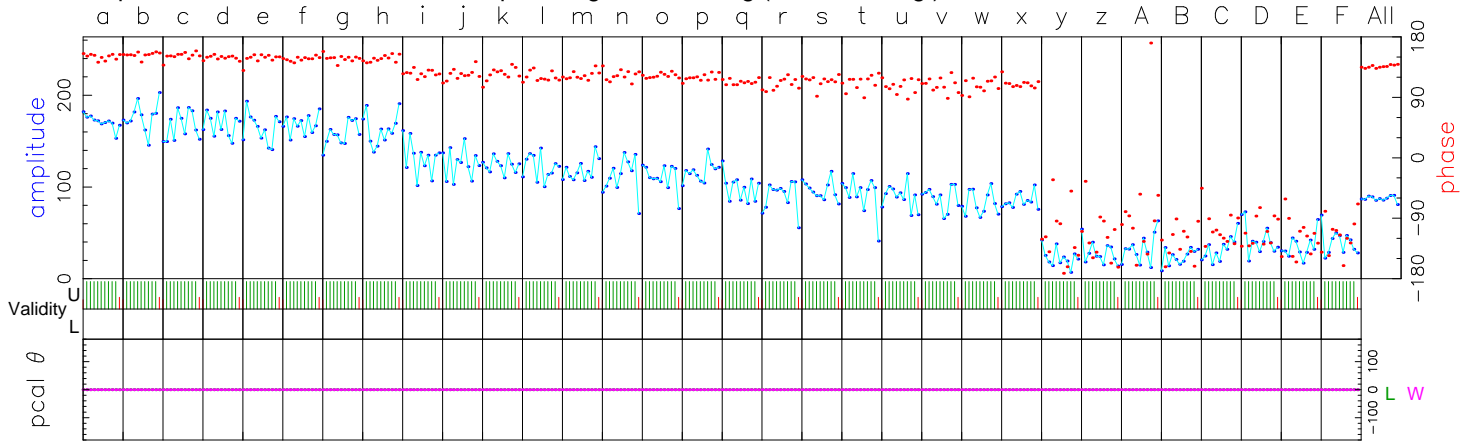
WETT13S - GGAO12M, fgroup X, pol RR



Fringe quality 5  
Error code G  
SNR 122.9  
Int time 0.250  
Amp 87.906  
Phase 135.9  
PFD 0.0e+00  
Delays (us)  
SBD 0.077951  
MBD -0.000616  
Fringe rate (Hz)  
-0.030164  
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  
2023:072:140834  
2023:072:153552  
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	
	149.9	153.2	152.4	149.4	148.9	147.0	147.4	147.0	126.0	124.8	126.1	121.7	122.8	121.5	122.5	119.5	112.1	111.4	113.6	110.9	104.1	109.9	108.5	109.0	-121.1	-122.3	-105.0	-130.7	-107.9	-110.6	-122.7	-117.3	Phase	135.9	
	170.1	174.8	167.6	168.7	164.3	167.2	159.1	160.0	129.4	124.0	122.5	121.3	117.4	114.5	112.0	117.1	97.2	92.3	96.0	92.8	90.0	86.7	82.3	85.8	17.8	23.4	26.7	22.2	30.3	39.5	29.9	36.1	Ampl.	101.1	
	138.9	138.9	139.0	138.9	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	138.9	139.0	138.8	139.0	139.1	139.0	139.4	139.1	138.8	139.4	139.1	139.1	138.4	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	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	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	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	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	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	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		
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)	-6.15839843750E-04	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-6.15840E-04	+/-	5.0E-07
Sband delay (usec)	7.79515000000E-02	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	7.79515E-02	+/-	1.4E-04
Phase delay (usec)	1.25136481161E-04	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	1.25136E-04	+/-	8.6E-07
Delay rate (us/s)	-1.00000000000E-05	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	-1.00000E-05	+/-	5.3E-06
Total phase (deg)	135.9	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	135.9	+/-	0.9

ph/seg (deg)	RMS	Theor.	Amplitude	87.906 +/- 0.715	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
amp/seg (%)	2.0	1.5	Search (32X1024)	87.691	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	2.8	2.7	Interp.	0.000	Bits/sample: 1x1	SampCntNorm: disabled	mb window (us)	-0.016 0.016
amp/frq (%)	57.8	2.6	Inc. seg. avg.	87.797	Data rate(MSamp/s): 64 MBpts 1024 Amb 0.031 us	dr window (ns/s)	-0.010 0.010	
	59.3	4.6	Inc. frq. avg.	101.099	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: /gpfs/cdata/simulation/SOFT/20230311/node05/VieRDS/OUT/2023\_071\_13\_16\_12/1234/SIM001/LW..2MP4V6 Output file: /gpfs/cdata/simulation/SOFT/20230311/node05/VieRDS/OUT/2023\_071\_13\_16\_12/1234/SIM001/LW..2MP4V6