

Mk4/DiFX fourfit 3.23 rev 3383

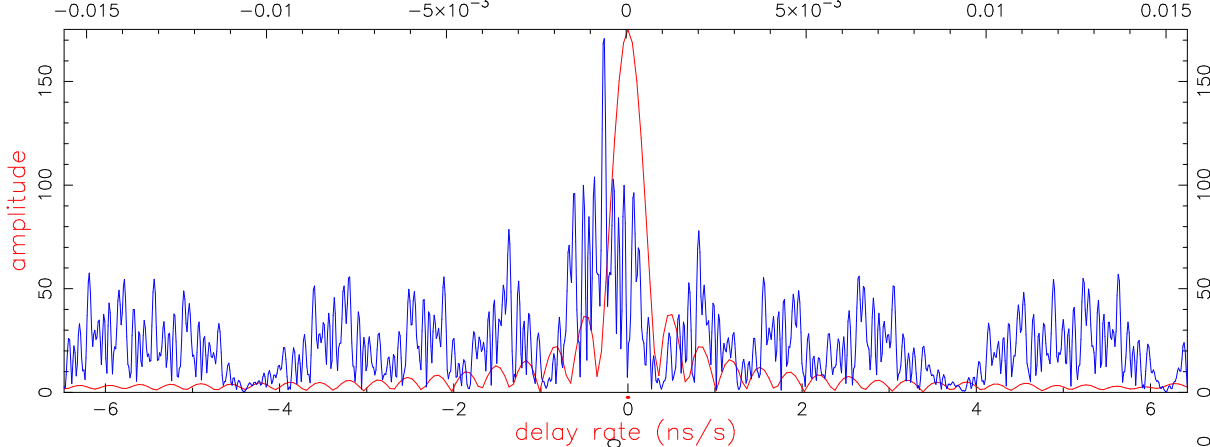
l46.vsc.xcat

0333+321.2MWLEA, SIM001, LW

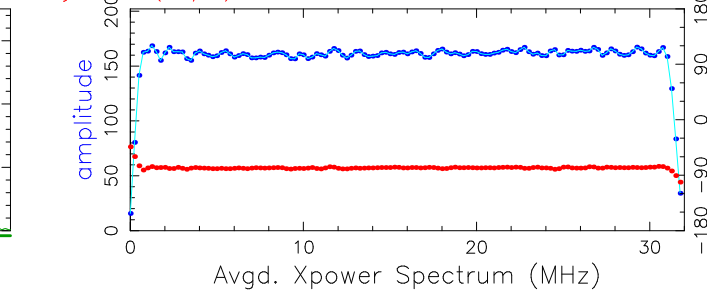
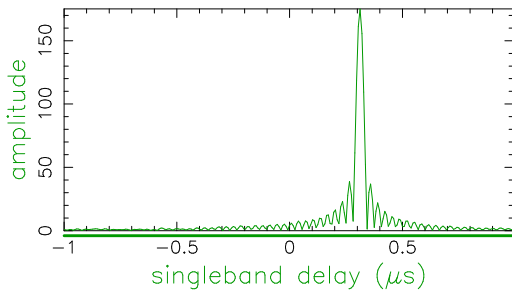
WETT213S - GGAO12M, fgroup X, pol RR

multiband delay (μ s)

Fringe quality 9

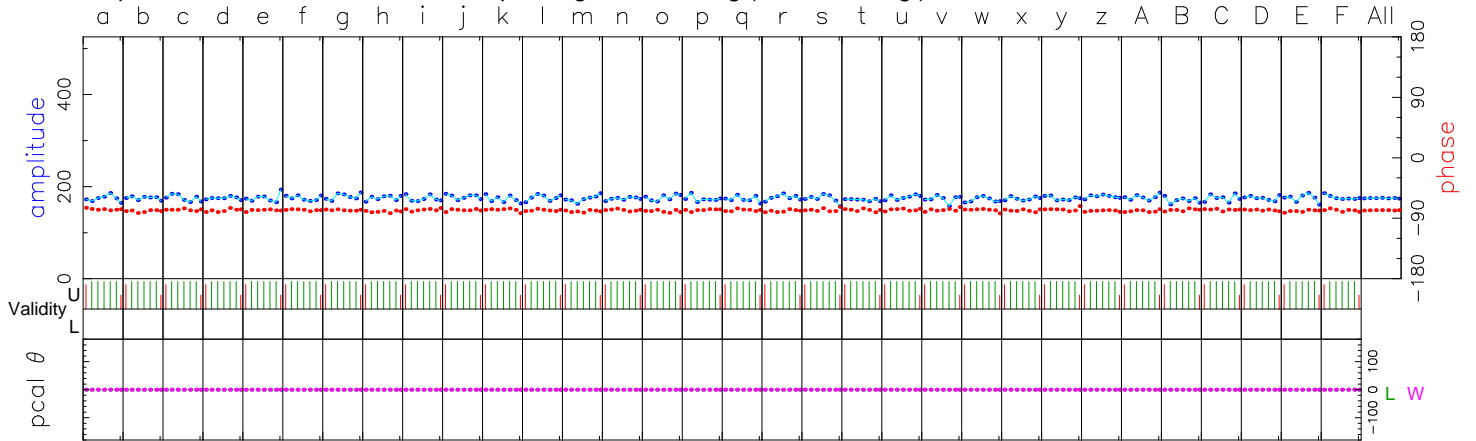


SNR 485.2
Int time 0.981
Amp 175.169
Phase -78.1
PFD 0.0e+00
Delays (us)
SBD 0.311823
MBD -0.000624
Fringe rate (Hz) 0.000473
Ion TEC 0.000
Ref freq (MHz) 3016.4000
AP (sec) 0.026



Exp. sim
Exper # 1234
Yr:day 2020:028
Start 211345.00
Stop 211346.00
FRT 211345.00
Corr/FF/build
2023:076:144850
2023:076:144917
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	48freq (MHz)	All	
	-76.7	-79.4	-77.4	-78.3	-78.0	-77.6	-77.8	-80.1	-77.5	-77.8	-77.1	-78.0	-79.5	-77.8	-79.3	-77.8	-77.9	-79.2	-77.7	-77.8	-77.4	-77.7	-77.5	-78.5	-77.0	-78.9	-79.2	-77.8	-77.3	-77.8	-79.2	-78.0	Phase	-78.1	
	175.1	175.5	175.9	175.2	174.4	175.0	178.1	175.4	174.6	178.4	173.5	175.8	173.2	174.0	176.2	173.6	173.9	176.8	175.1	171.5	177.0	173.2	171.8	174.2	174.9	178.6	176.5	171.1	175.6	174.9	176.3	176.6	Ampl.	175.0	
	169.0	168.9	168.9	168.9	168.9	168.9	168.9	169.0	168.9	168.9	169.0	168.9	168.9	169.0	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	169.0	168.9	168.9	Sbd 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	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		
	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		
L																																		Tracks	
W																																		Chan ids	

Group delay (usec) (MODEL)	-6.23980468750E-04	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-6.23980E-04	+/-	1.3E-07
Sband delay (usec)	3.11823000000E-01	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	3.11823E-01	+/-	3.6E-05
Phase delay (usec)	-7.19154845216E-05	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-7.19155E-05	+/-	2.2E-07
Delay rate (us/s)	1.56800000000E-07	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	1.56800E-07	+/-	3.8E-07
Total phase (deg)	-78.1	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	-78.1	+/-	0.2

ph/seg (deg)	0.2	Theor.	Amplitude	175.169 +/- 0.361	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	0.4	0.3	Search (128X1024)	170.729	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	0.8	0.7	Interp.	0.000	Bits/sample: 1x1	mb window (us) -0.016 0.016
amp/frq (%)	1.0	1.2	Inc. seg. avg.	175.040	SampCntNorm: disabled	dr window (ns/s) -0.010 0.010
			Inc. frq. avg.	175.047	Data rate(MSamp/s): 64 MBpts 1024 Amb 0.031 us	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: /gps/cdata/simulation/SOFT/20230312/node00/VieRDS/OUT/2023_075_16_38_35/1234/SIM001/LW..2MWLEA Output file: /gps/cdata/simulation/SOFT/2023_075_16_38_35/1234/SIM001/LW..2MWLEA