

Mk4/DiFX fourfit 3.23 rev 3383

l42.vsc.xcat

0333+321.2MP3XQ, SIM001, LW

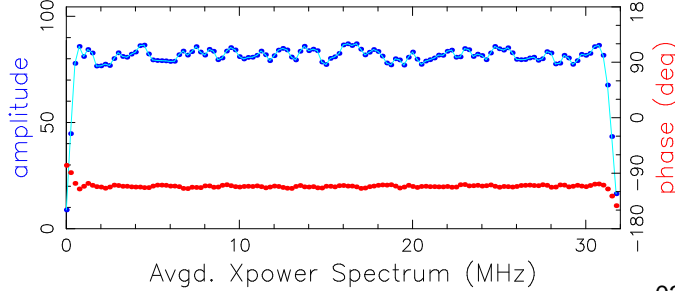
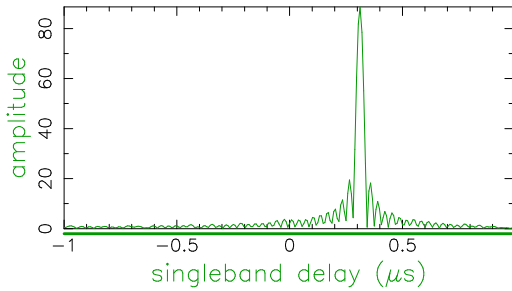
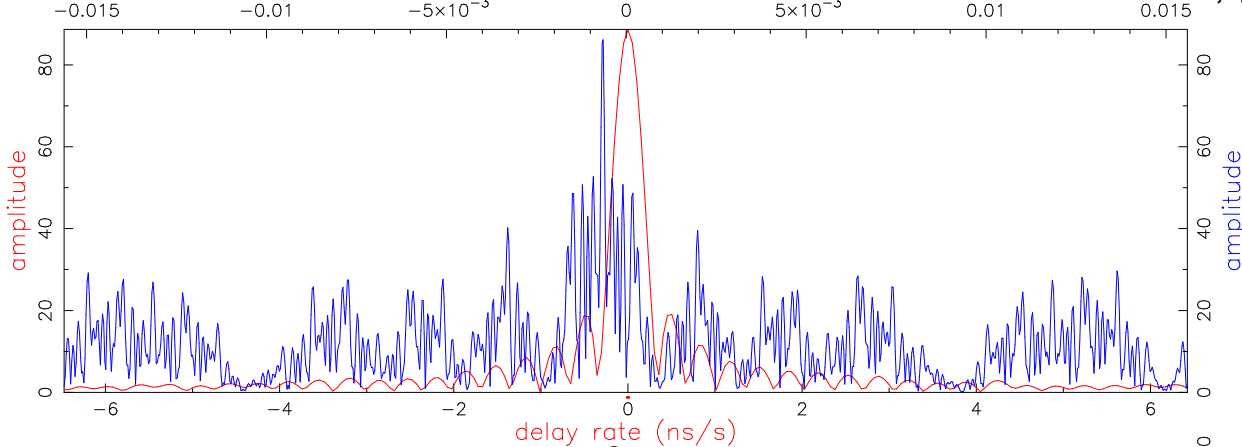
WETTZ13S - GGAO12M, fgroup X, pol RR

multiband delay (μ s)

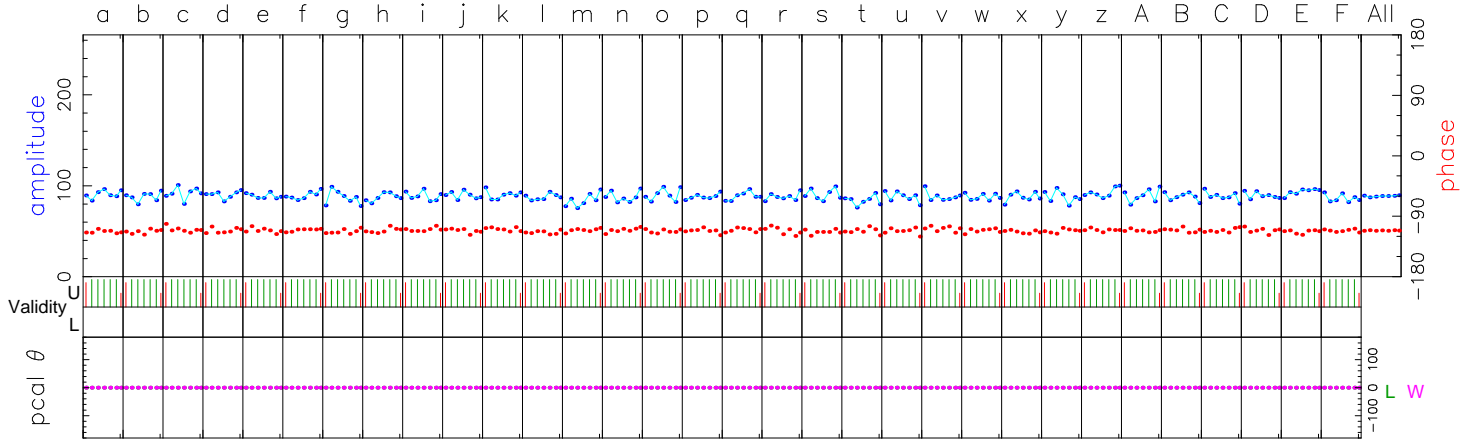
Fringe quality 9

SNR 245.6
Int time 0.981
Amp 88.673
Phase -111.3
PFD 0.0e+00
Delays (us)
SBD 0.311699
MBD -0.000655
Fringe rate (Hz)
-0.000506
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
2023:072:134830
2023:072:151449
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	Freq (MHz)	All	
	-112.7	-112.9	-109.6	-111.2	-110.9	-110.5	-113.0	-110.9	-109.8	-111.3	-108.9	-114.1	-110.8	-110.7	-112.3	-111.1	-110.3	-111.0	-113.0	-111.0	-111.3	-108.5	-111.1	-112.9	-111.7	-110.2	-111.6	-110.6	-111.2	-111.1	-113.1	-111.1	Phase	-111.3	
	90.5	87.5	91.9	89.9	88.9	88.9	87.7	87.4	88.8	89.6	90.0	87.7	83.6	87.3	89.5	87.7	88.6	87.2	90.9	84.1	88.4	88.1	87.8	88.0	92.0	88.6	88.5	89.1	89.4	93.2	86.4	Ampl.	88.6		
	168.9	168.9	168.8	169.0	168.9	169.0	168.9	168.9	168.8	168.8	169.0	169.0	168.8	168.9	168.9	169.0	169.0	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.8	168.8	168.9	168.9	168.9	168.9	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		
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)	-6.55189453125E-04	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-6.55189E-04	+/-	2.5E-07
Sband delay (usec)	3.11699000000E-01	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	3.11699E-01	+/-	7.0E-05
Phase delay (usec)	-1.02464602951E-04	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-1.02465E-04	+/-	4.3E-07
Delay rate (us/s)	-1.67680000000E-07	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	-1.67680E-07	+/-	7.5E-07
Total phase (deg)	-111.3	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	-111.3	+/-	0.5

ph/seg (deg)	0.4	Theor.	0.6	Amplitude	88.673 +/- 0.361	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
amp/seg (%)	0.8	1.1	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	1.3	1.3	Inc. seg. avg.	88.579	Bits/sample: 1x1	SampCntNorm: disabled	mb window (us)	-0.016 0.016
amp/frq (%)	2.2	2.3	Inc. frq. avg.	88.579	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/node03/VieRDS/OUT/2023_071_00_45_09/1234/SIM001/LW..2MP3XQ Output file: /gfps/cdata/simulation/SOFT/20230311/node03/VieRDS/OUT/2023_071_00_45_09/1234/SIM001/LW..2MP3XQ