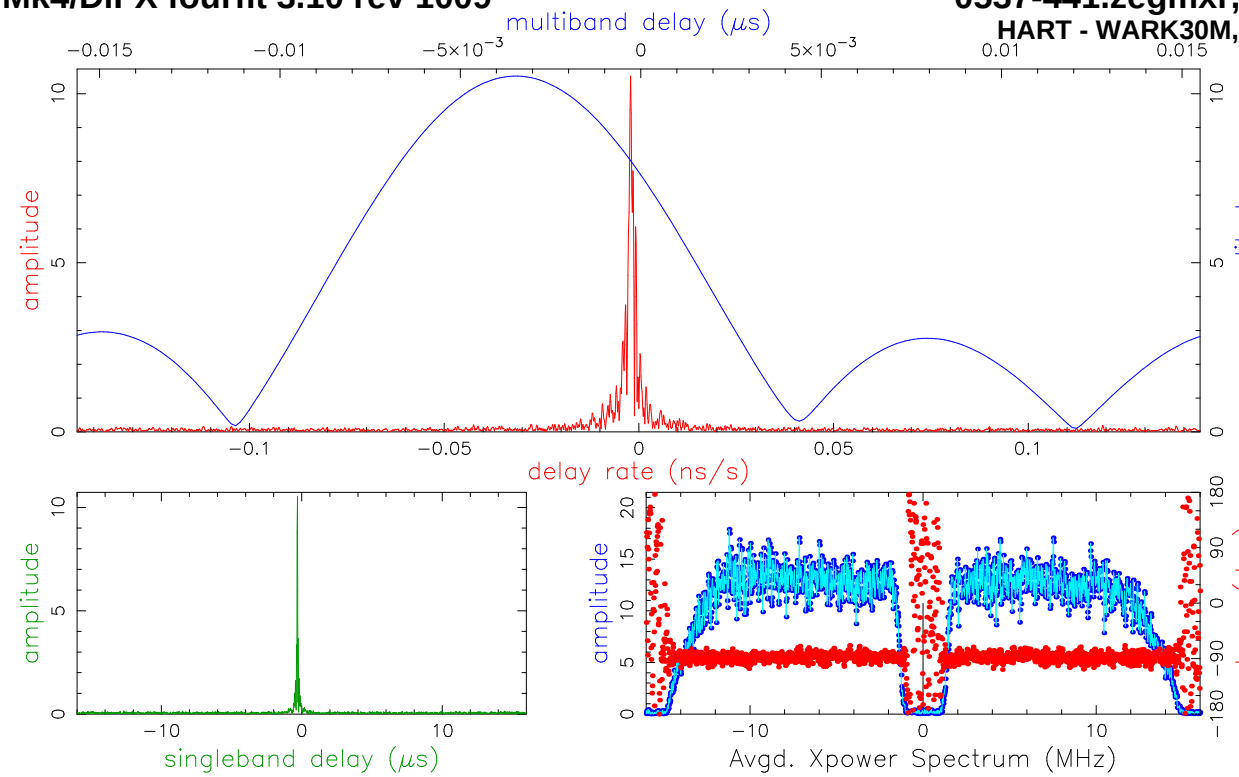
Mk4/DiFX fourfit 3.10 rev 1009

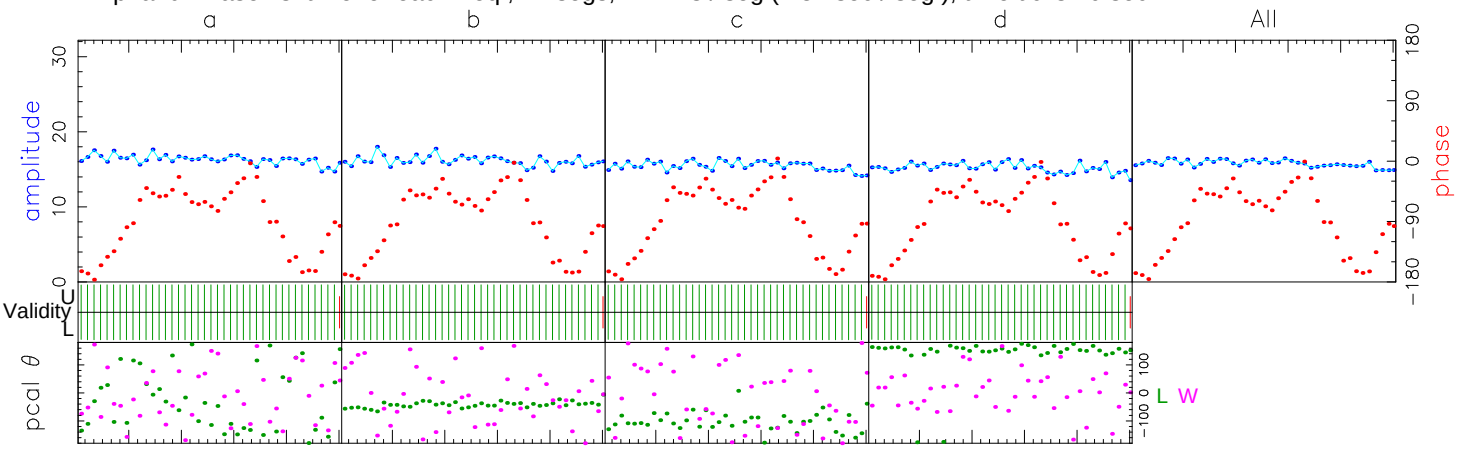
0537-441.zegmxr, No0006, LW

HART - WARK30M, fgroup X, pol RL



Fringe quality	5
SNR	253.2
Int time	297.720
Amp	10.734
Phase	-87.5
PFD	0.0e+00
Delays (us)	
SBD	-0.316312
MBD	-0.003474
Fringe rate (Hz)	
	-0.014425
Ion TEC	0.00
Ref freq (MHz)	
	6608.0000
AP (sec)	0.524
Exp.	hw03
Exper #	16383
Yr:day	2016:035
Start	133602.10
Stop	134059.90
FRT	133830.00
Corr/FF/build	
	2016:327:223633
	2016:328:000056
	2015:147:013013
RA & Dec (J2000)	
	05h38m50.3616s
	-44°05' 8.939"

Amp. and Phase vs. time for each freq., 41 segs, 14 APs / seg (7.34 sec / seg.), time ticks 10 sec



	a	b	c	d		All
	6608.00	6640.00	6672.00	6704.00	Freq (MHz)	
	-87.9	-88.0	-85.8	-88.2	Phase	-87.5
	11.0	10.8	10.3	10.1	Ampl.	10.5
	1004.7	1004.8	1004.8	1004.8	Sbd box	1004.8
U/L	568/568	568/568	568/568	568/568	APs used	
L	-1000	-1000	-1000	-1000	PC freqs	
W	-1000	-1000	-1000	-1000	PC freqs	
L:W	0:0	0:0	0:0	0:0	PC phase	
L:W	0:0	0:0	0:0	0:0	Manl PC	
L	1000	1000	1000	1000	PC amp	
W	1000	1000	1000	1000		
L	X00UR,X00LR	X01UR,X01LR	X02UR,X02LR	X03UR,X03LR	Chan ids	
					Tracks	
W	X00UL,X00LL	X01UL,X01LL	X02UL,X02LL	X03UL,X03LL	Chan ids	
					Tracks	

Group delay (usec)(model)	-4.07064054194E+03	Apriori delay (usec)	-4.07063706807E+03	Resid mbdelay (usec)	-3.47387E-03	+/-	1.8E-05
Sband delay (usec)	-4.07095338007E+03	Apriori clock (usec)	-4.1545002E+01	Resid sbdelay (usec)	-3.16312E-01	+/-	6.8E-05
Phase delay (usec)	-4.07063710485E+03	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-3.67792E-05	+/-	9.5E-08
Delay rate (us/s)	1.81866803031E+00	Apriori rate (us/s)	1.81867021322E+00	Resid rate (us/s)	-2.18291E-06	+/-	1.1E-09
Total phase (deg)	-356.0	Apriori accel (us/s/s)	9.10498704067E-06	Resid phase (deg)	-87.5	+/-	0.2

	RMS	Theor.					
ph/seg (deg)	49.6	1.4	Amplitude	10.734 +/- 0.042	Pcal mode: MANUAL, MANUAL	Pcal period (AP's) 5, 5	
amp/seg (%)	47.3	2.5	Search (2048X16)	9.941	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-16.000 16.000
ph/frq (deg)	1.4	0.5	Interp.	0.000	Bits/sample: 2 SampCntNorm: disabled	mb window (us)	-0.016 0.016
amp/frq (%)	3.9	0.8	Inc. seg. avg.	15.785	Sample rate(MSamp/s): 32	dr window (ns/s)	-0.144 0.144
			Inc. frq. avg.	10.525	Data rate(Mb/s): 512 nlags: 1024 t_cohere infinite	ion window (TEC)	0.00 0.00

L: az 128.8 el 25.3 pa -102.3 W: az 239.0 el 39.0 pa 105.8 u,v (fr/asec) -1111.484 12.707 simultaneous interpolator

Control file: ../cf_1234 Input file: /raid0/data0/etransfer/hhwa03/lwcc_1234/1234/No0006/LW..zegmxr Output file: /raid0/data0/etransfer/hhwa03/lwcc_1234/1234/No0006/LW.X.6.zegmxr