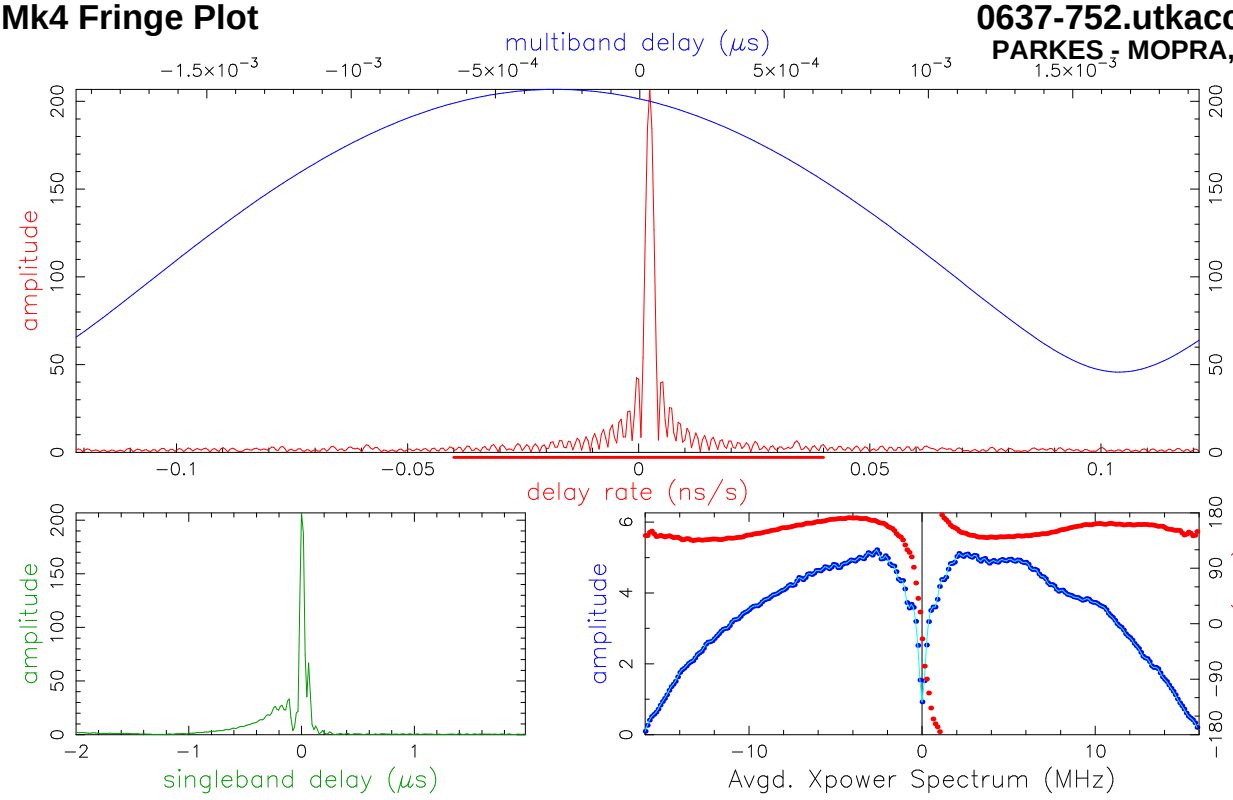
Mk4 Fringe Plot

0637-752.utkacc, No0028, PM
PARKES - MOPRA, fgroup X, pol RR

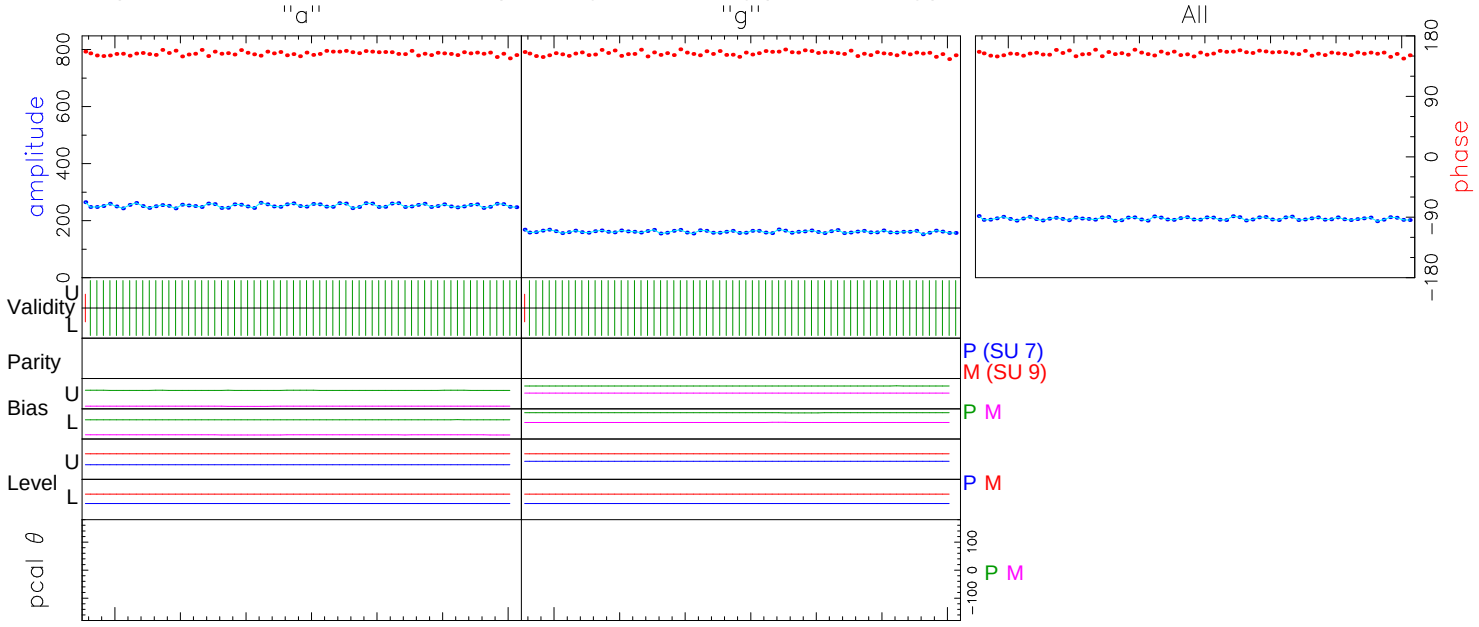


Fringe quality 8

SNR 1507.5
PFD 0.0e+00
Intg.time 66.492
Amp 212.025
Phase 153.7
Sbdelay (us) 0.004917
Mbdelay (us) -0.000293
Fr. rate (Hz) 0.019411
Ref freq (MHz) 8216.0000
AP (sec) 0.500

Exp. v271d
Exper # 2438
Yr:day 2009:346
Start 191655.00
Stop 191802.00
FRT 191727.00
Corr. date: 2010:089:071207
Fourfit date: 2010:102:093529
Position (J2000) 06h35m46.5070s -75°16'16.820"

Amp. and Phase vs. time for each freq., 67 segs, 2 APs / seg (1.00 sec / seg.), time ticks 2 sec



	8216.00	8472.00	Freq (MHz) All
	153.7	153.7	Phase 153.7
	258.9	165.1	Ampl. 212.0
	128.5	130.1	Sbd box 129.3
U/L	133/133	133/133	APs used
P:M	0:0	0:0	PC freqs
P:M	-90:-90	-90:-90	PC phase
P:M	0:0	0:0	Manl PC
P:M	0:0	0:0	PC amp
P	X1R,X0R	XDR,XCR	Chan ids
	2,3,18,19	14,15,30,31	Tracks
M	X1R,X0R	XDR,XCR	Chan ids
	4,5,2,3	12,13,10,11	Tracks

Group delay (usec)	5.39421258747E+02	Apriori delay (usec)	5.39421551722E+02	Resid mbdelay (usec)	-2.92975E-04	+/-	8.2E-07
Sband delay (usec)	5.39426468873E+02	Apriori clock (usec)	-7.9014778E-02	Resid sbdelay (usec)	4.91715E-03	+/-	1.1E-05
Phase delay (usec)	5.39421603692E+02	Apriori clockrate (us/s)	-1.9400000E-06	Resid phdelay (usec)	5.19702E-05	+/-	1.3E-08
Delay rate (us/s)	7.90868736360E-03	Apriori rate (us/s)	7.90632472642E-03	Resid rate (us/s)	2.36264E-06	+/-	6.7E-10
Total phase (deg)	322.5	Apriori accel (us/s/s)	-8.49465192864E-08	Resid phase (deg)	153.7	+/-	0.0

	RMS	Theor.			
			Amplitude	212.025 +/- 0.141	Pcal mode: MANUAL, MANUAL
ph/seg (deg)	2.7	0.3	Search (512X8)	205.387	Pcal rate: 0.000E+00, 0.000E+00 (us/s)
amp/seg (%)	2.2	0.5	Interp.	205.911	Bits/sample: 2 SampCntNorm: enabled
ph/frq (deg)	0.0	0.0	Inc. seg. avg.	212.268	Sample rate(MSamp/s): 32
amp/frq (%)	22.1	0.1	Inc. frq. avg.	212.025	Data rate(Mb/s): 256 nlags: 128

Control file: cf_2438 Input file: /datafs/2438/No0028/PM..utkacc Output file: /datafs/2438/No0028/PM.X.6.utkacc