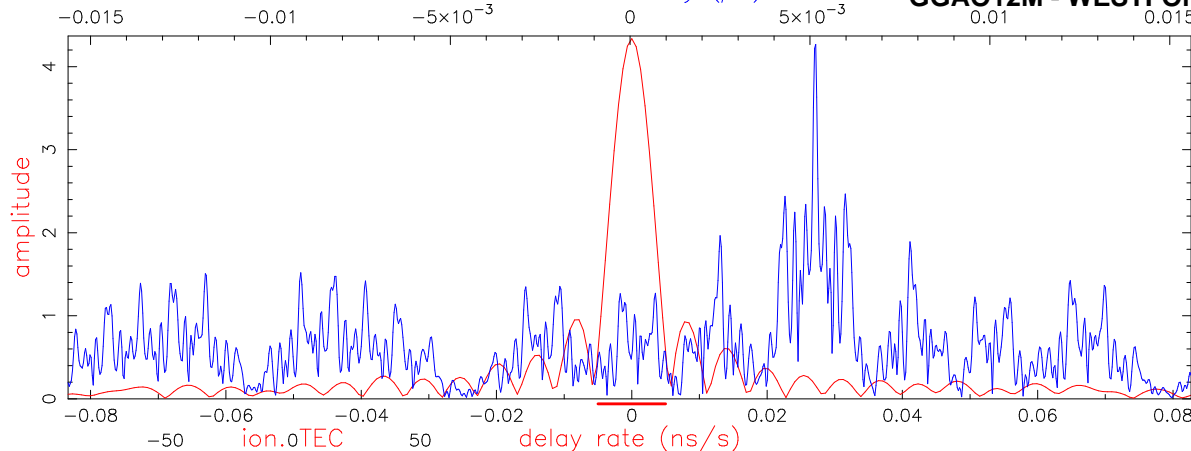


multiband delay (μs)

Fringe quality 8

SNR 129.5

Int time 29.353

Amp 4.370

Phase 7.6

PFD 0.0e+00

Delays (us)

SBD 0.005439

MBD 0.005144

Fringe rate (Hz)

0.000674

Ion TEC 0.764

Ref freq (MHz)

6000.0000

AP (sec) 1.000

Exp. VO2187

Exper # 2187

Yr:day 2022:188

Start 151325.00

Stop 151355.00

FRT 151340.00

Corr/FF/build

2022:250:211856

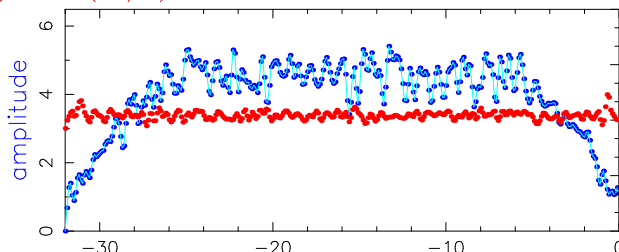
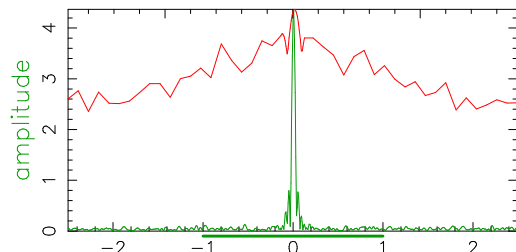
2025:017:010732

2025:015:214801

RA & Dec (J2000)

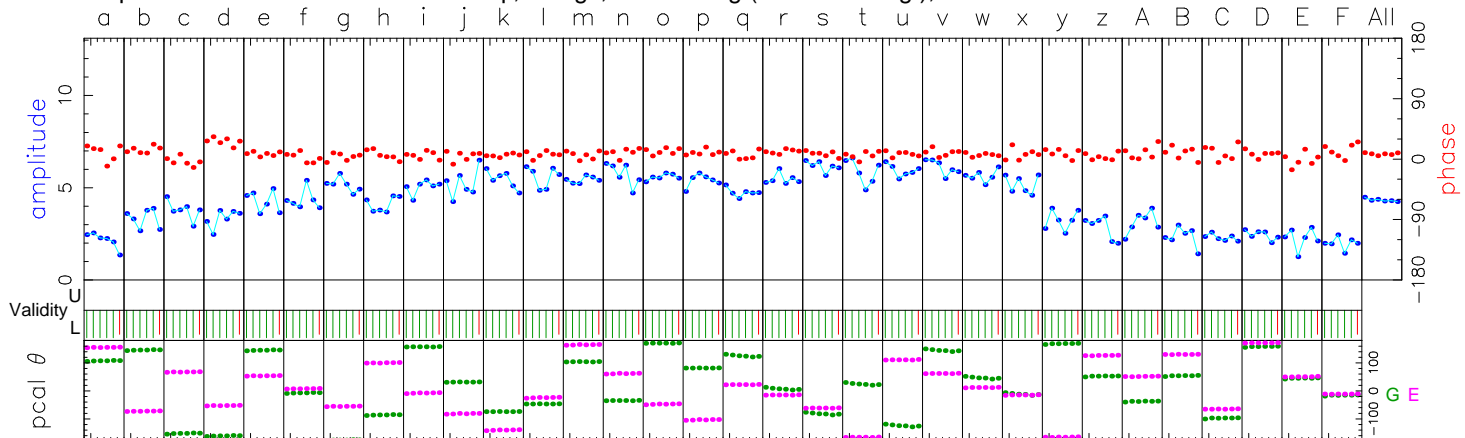
02h38m38.930099s

+16°36'59.274601"



Avgd. Xpower Spectrum (MHz)

Amp. and Phase vs. time for each freq., 6 segs, 5 APs / seg (5.00 sec / seg.), time ticks 5 sec



	3032.40	3064.40	3096.40	3224.40	3320.40	3384.40	3448.40	3480.40	5272.40	5304.40	5336.40	5464.40	5560.40	5624.40	5688.40	5720.40	6392.40	6424.40	6456.40	6584.40	6680.40	6744.40	6808.40	6840.40	10232.40	10264.40	10296.40	10424.40	10520.40	10584.40	10648.40	10680.40	4000.00	All	
	9.5	14.2	-2.9	25.8	7.9	2.1	3.3	6.4	5.7	5.3	5.6	6.7	5.9	9.8	11.5	9.9	6.3	11.3	8.0	5.5	7.7	10.0	6.2	6.7	8.6	3.3	8.6	9.8	9.5	8.1	-1.5	13.3	Phase	7.6	
	2.1	3.3	3.8	3.3	4.3	4.3	5.1	4.1	5.0	5.2	5.5	5.6	5.4	5.7	5.6	5.4	4.7	5.5	6.2	5.9	5.9	5.9	6.1	5.6	5.1	3.2	2.9	3.1	2.3	2.3	2.4	2.2	2.0	Ampl.	4.3
	321.3	321.4	321.8	322.0	322.2	321.7	321.8	321.5	321.2	321.5	321.7	322.0	322.0	321.5	321.7	320.8	321.6	321.8	321.9	321.9	322.0	321.7	321.7	321.0	321.6	321.7	322.3	321.9	321.8	321.9	321.3	321.9	321.3	Sbd box	321.7
U/L	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	0/30	APs used		
G	-190.7	-194.4	-195.8	-198.5	-198.8	-198.2	-197.6	-195.9	136.6	134.5	132.6	129.5	129.3	129.6	130.4	131.4	135.1	131.6	129.8	127.1	127.0	127.0	128.0	129.6	135.4	132.4	130.8	128.0	127.9	128.4	129.1	130.4	PC X delays (ns)		
G	-189.3	-192.3	-193.6	-196.9	-197.3	-196.6	-196.2	-195.1	137.5	134.8	133.1	130.6	130.5	130.7	131.6	132.6	137.1	133.2	131.6	129.2	128.5	128.5	129.0	130.0	136.2	133.2	131.8	128.9	128.8	129.5	130.7	PC Y delays (ns)			
E	-73.9	-74.2	-74.7	-76.3	-75.8	-75.3	-75.2	-76.7	-55.6	-56.7	-57.2	-56.9	-58.0	-56.7	-58.1	-57.3	-59.9	-59.4	-59.0	-60.6	-60.6	-60.6	-59.8	-60.7	-56.4	-57.2	-56.2	-56.5	-57.5	-56.4	-56.7	-56.6	PC X delays (ns)		
E	-80.6	-77.2	-77.3	-79.2	-79.3	-80.7	-78.5	-79.4	-56.1	-57.4	-57.4	-57.3	-58.5	-56.8	-59.5	-57.6	-54.9	-53.4	-53.2	-54.7	-54.6	-55.3	-55.6	-54.4	-54.6	-55.0	-54.8	-54.7	-54.7	-54.9	-54.9	-55.0	PC Y delays (ns)		
G/E	13:-141	51:-8	112:130	103:13	57:122	-95:66	95:-3	-174:15	190:16	-41:-57	-145:-118	15:-4	36:-178	-103:74	103:-35	16:-92	63:69	-56:37	-145:-3	-41:-116	173:159	82:106	-15:55	-72:28	117:-165	130	-89:65	3:145	-148:-47	106:-170	11:63	-73:-6	PC phase		
G/E	33:-3	34:-4	36:-2	39:-8	32:-12	33:-3	35:2	35:3	33:11	38:10	36:13	35:14	35:16	36:21	35:20	33:21	33:-18	35:-23	35:-29	37:-21	35:-20	35:-16	34:-16	33:-16	34:18	32:14	33:4	33:3	33:0	35:-1	39:5	40:12	Manl PC		
G	86	88	82	87	79	87	84	74	80	81	73	75	66	72	70	60	71	75	71	76	68	72	71	61	26	25	23	22	22	24	24	20	PC amp		
E	116	119	108	105	117	138	138	112	76	74	66	69	58	63	58	53	38	41	44	64	64	72	72	65	8	9	8	10	11	13	13	14			

Group delay (usec) (SBD)	1.43514469353E+03	Apriori delay (usec)	1.43513954930E+03	Resid mbdelay (usec)	5.14423E-03	+/-	1.6E-06
Sband delay (usec)	1.43514498780E+03	Apriori clock (usec)	1.6577768E+02	Resid sbdelay (usec)	5.43850E-03	+/-	1.3E-04
Phase delay (usec)	1.43513955281E+03	Apriori clockrate (us/s)	1.4745000E-06	Resid phdelay (usec)	3.51245E-06	+/-	4.1E-07
Delay rate (us/s)	4.15455762648E-02	Apriori rate (us/s)	4.15454639315E-02	Resid rate (us/s)	1.12333E-07	+/-	2.4E-08
Total phase (deg)	114.1	Apriori accel (us/s/s)	-8.28907203543E-06	Resid phase (deg)	7.6	+/-	3.2

ph/seg (deg)	RMS 1.6	Theor. 1.1	Amplitude 4.370 +/- 0.034	Pcal mode: MULTITONE, MULTITONE	PC period (AP's) 1, 1	dTEC +/-	0.035
amp/seg (%)	1.9	1.9	Search (64X1024) 4.263	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000
ph/frq (deg)	5.0	2.5	Interp. 0.000	Bits/sample: 2x2	SampCntNorm: disabled	mb window (us)	-0.016 0.016
amp/frq (%)	31.2	4.4	Inc. seg. avg. 4.338	Data rate(MISamp/s): 64 MBpts 1024 Amb 0.031 us	dr window (ns/s)	-0.005 0.005	
			Inc. frq. avg. 4.345	Data rate(Mb/s): 8192	nlags: 320 t_cohere infinite	ion window (TEC)	-88.00 88.00

G: az 245.6 el 51.0 pa 47.7 E: az 247.2 el 45.9 pa 45.1 u,v (fr/asec) -17.585 -41.646 simultaneous interpolator

Control file: /home/benkev/Work/2187/scratch/20250116-011600/2187/cf_5329_GEHIMSTY_pstokes Input file: /home/benkev/Work/2187/scratch/20250116-011600/2187/188-1513a/GE..3HJT

Output file: /home/benkev/Work/2187/scratch/20250116-011600/2187/188-1513a/GE.X.2.3HJTX0

Samplers: abcdefgh ijklmnop qrstuvw xyABCDEF