

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4321 - L2 Version 001
Chandra X-Ray Center

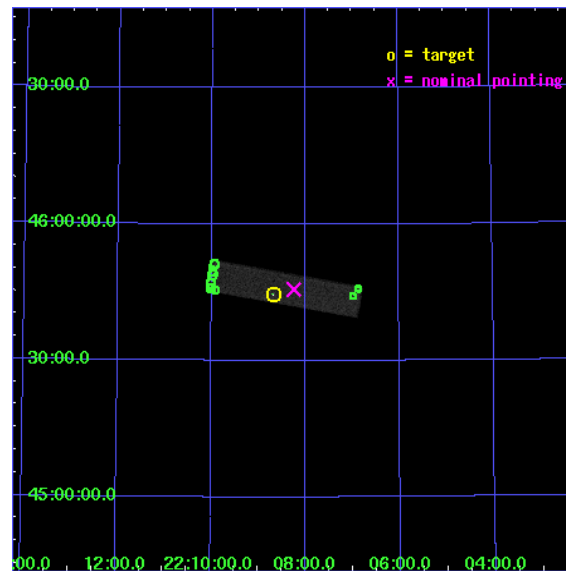
L2 Processing Date : Jul 7 2006

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1 Front

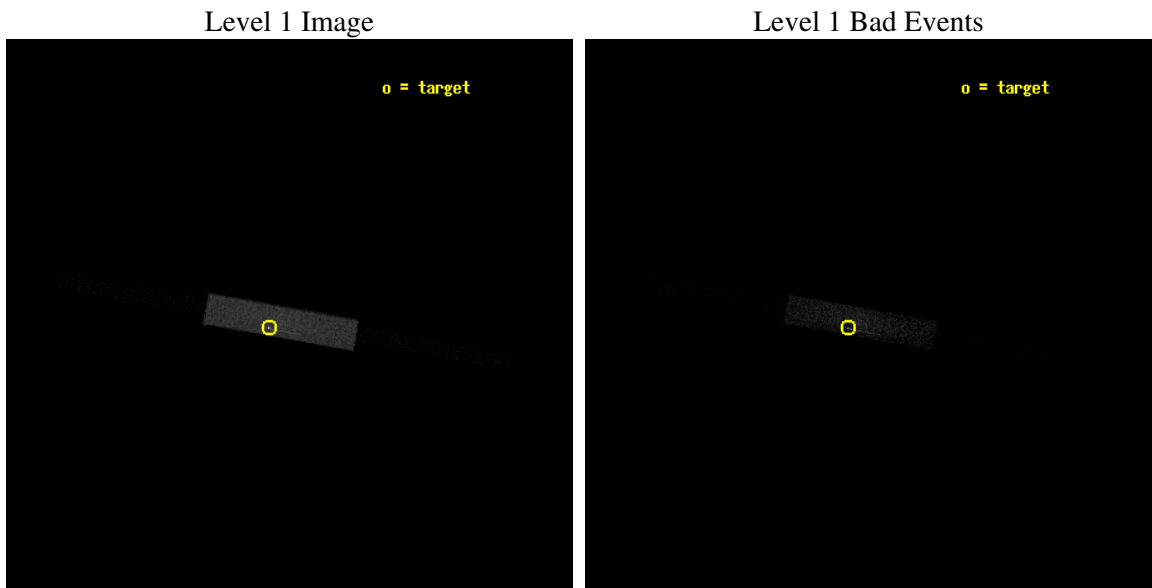
seq_num	290281
obs_id	4321
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.06067901208
dec_nom	45.761880220152
roll_nom	190.03730421071
revision	2
ontime	1142.1062988639
livetime	1136.3597485931
l2events	38138



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T21:45:36
revision	2

sched_exp_time	1000.000000
ontime	1181.8250505626
l1events	66858

2.1.3 Events

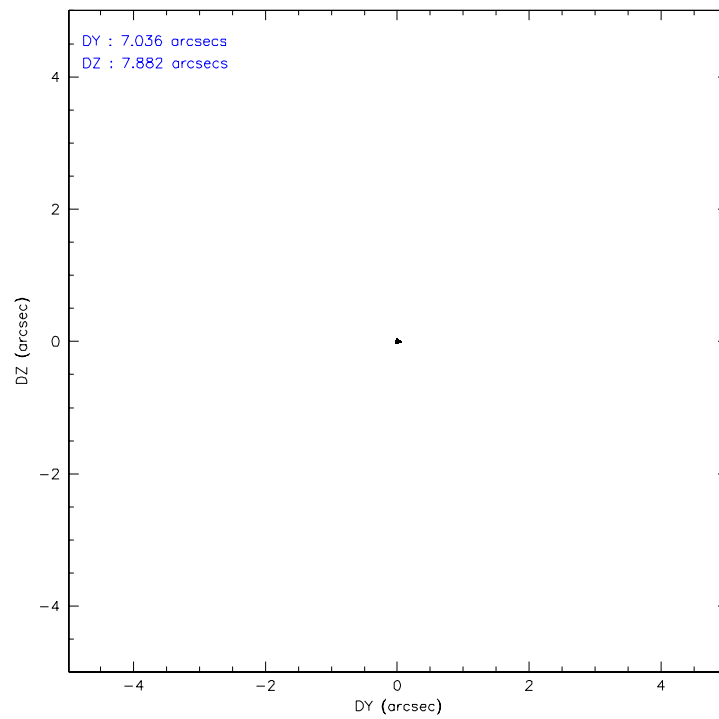
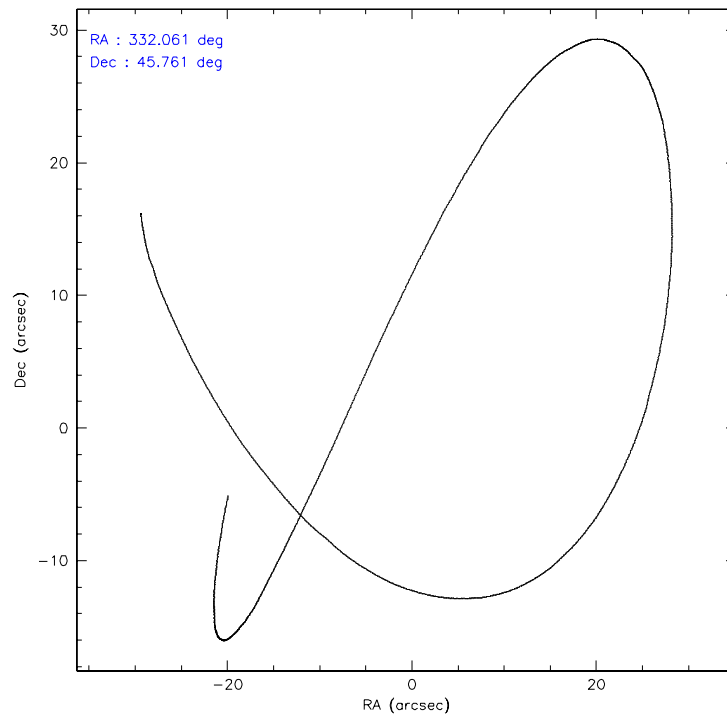
Level 1 Events

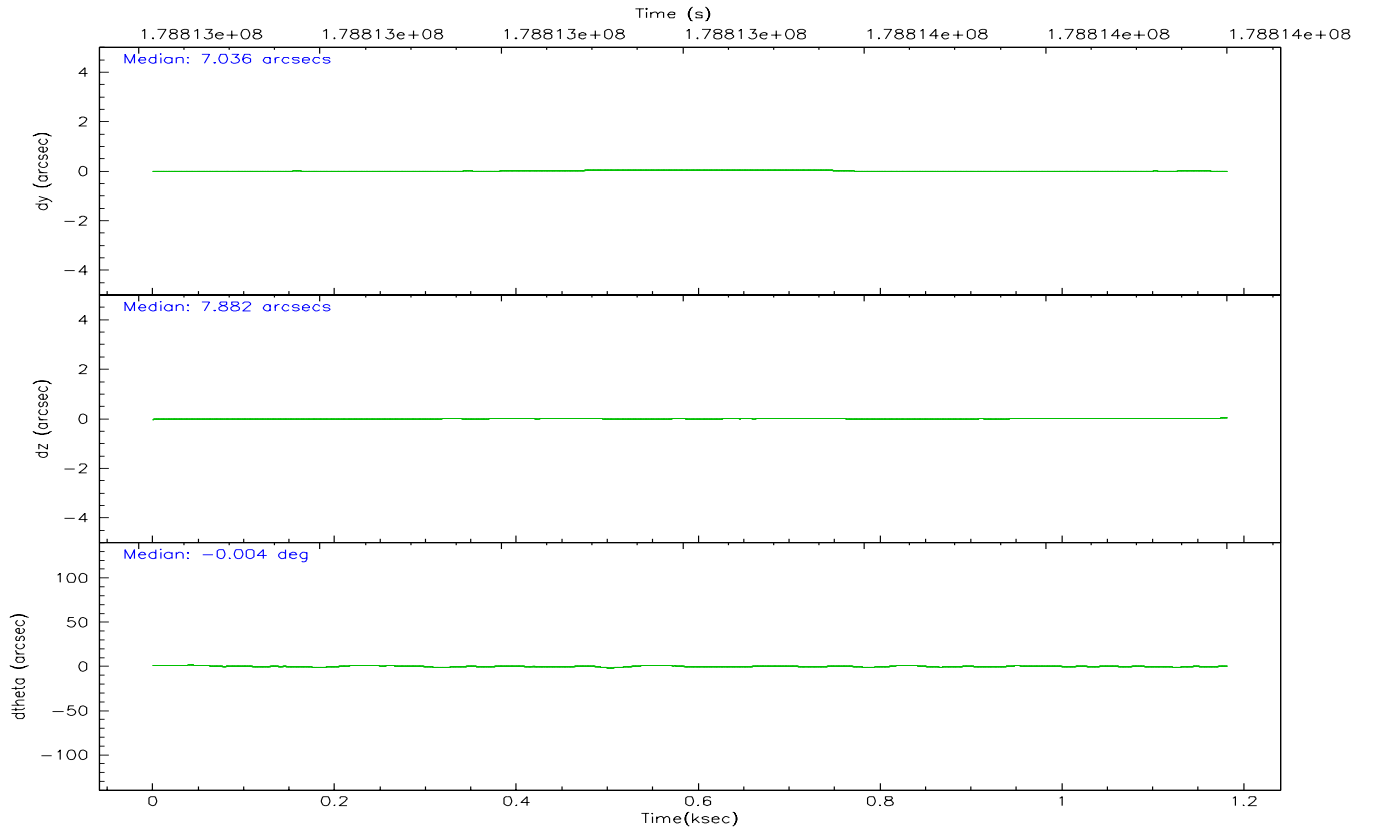
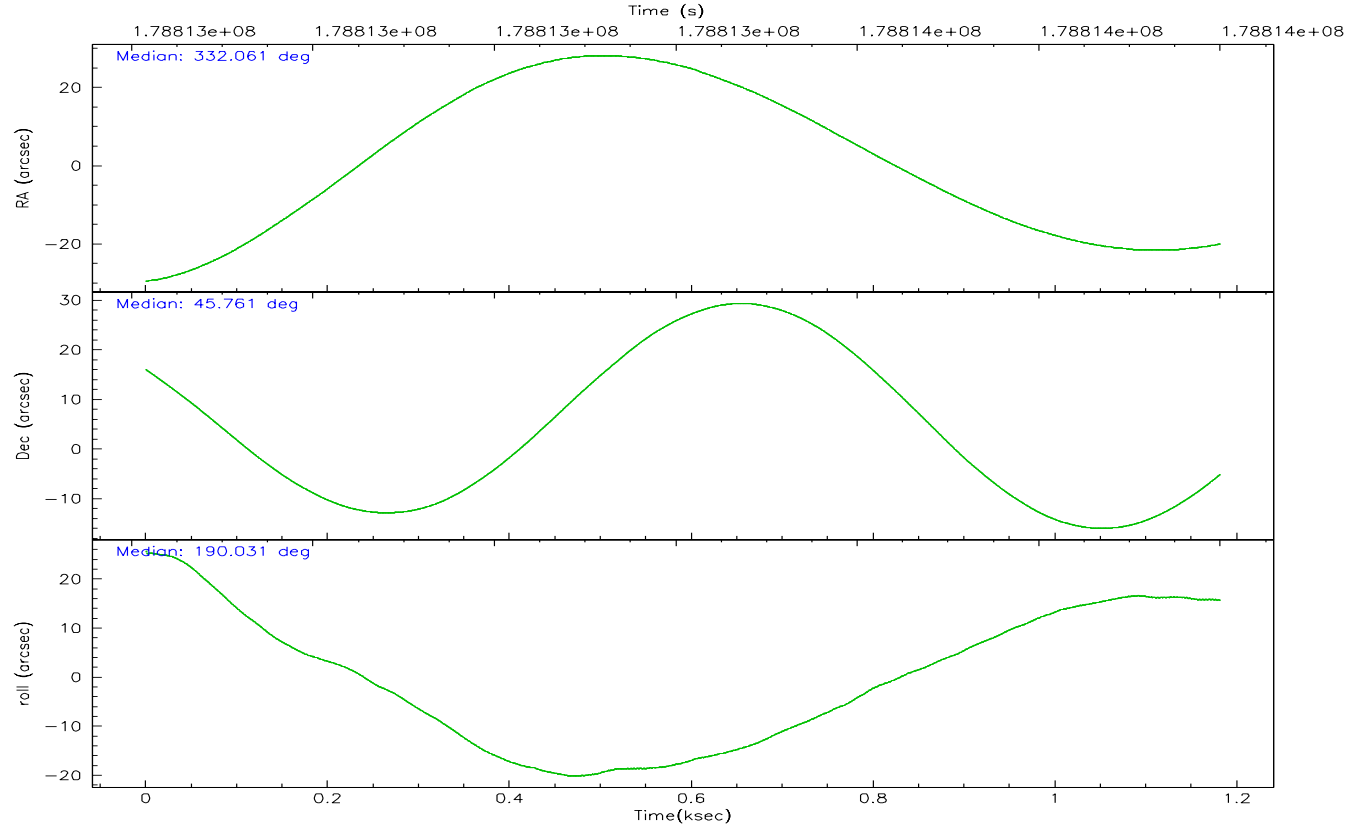
	segment 1	segment 2	segment 3
level 1 events	1083	64727	1048
rejected events	1083	23670	1048
rejected %	100%	36%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.091061	332.0606790120764			
Pointing Dec	45.782414	45.76188022015197			
Pointing Roll	189.948188	190.037304210707			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	178812998.184000	178812623.02017			
Observation start date	2003-09-01T14:15:34	2003-09-01T14:10:23			
Observation end time	178813998.184000	178814132.84524			
Observation end date	2003-09-01T14:32:14	2003-09-01T14:35:32			

2.3 Aspect



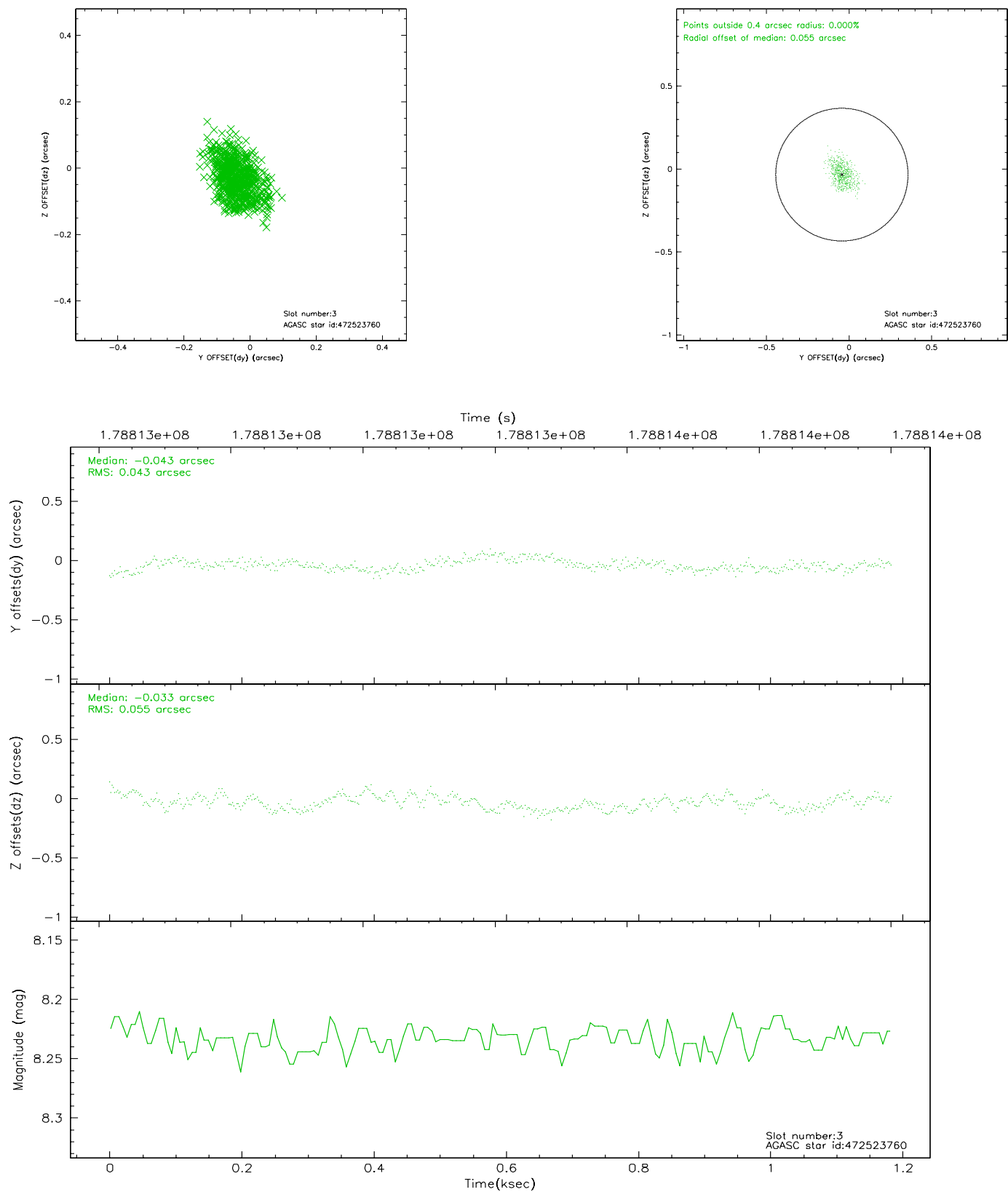


Slot Statistics

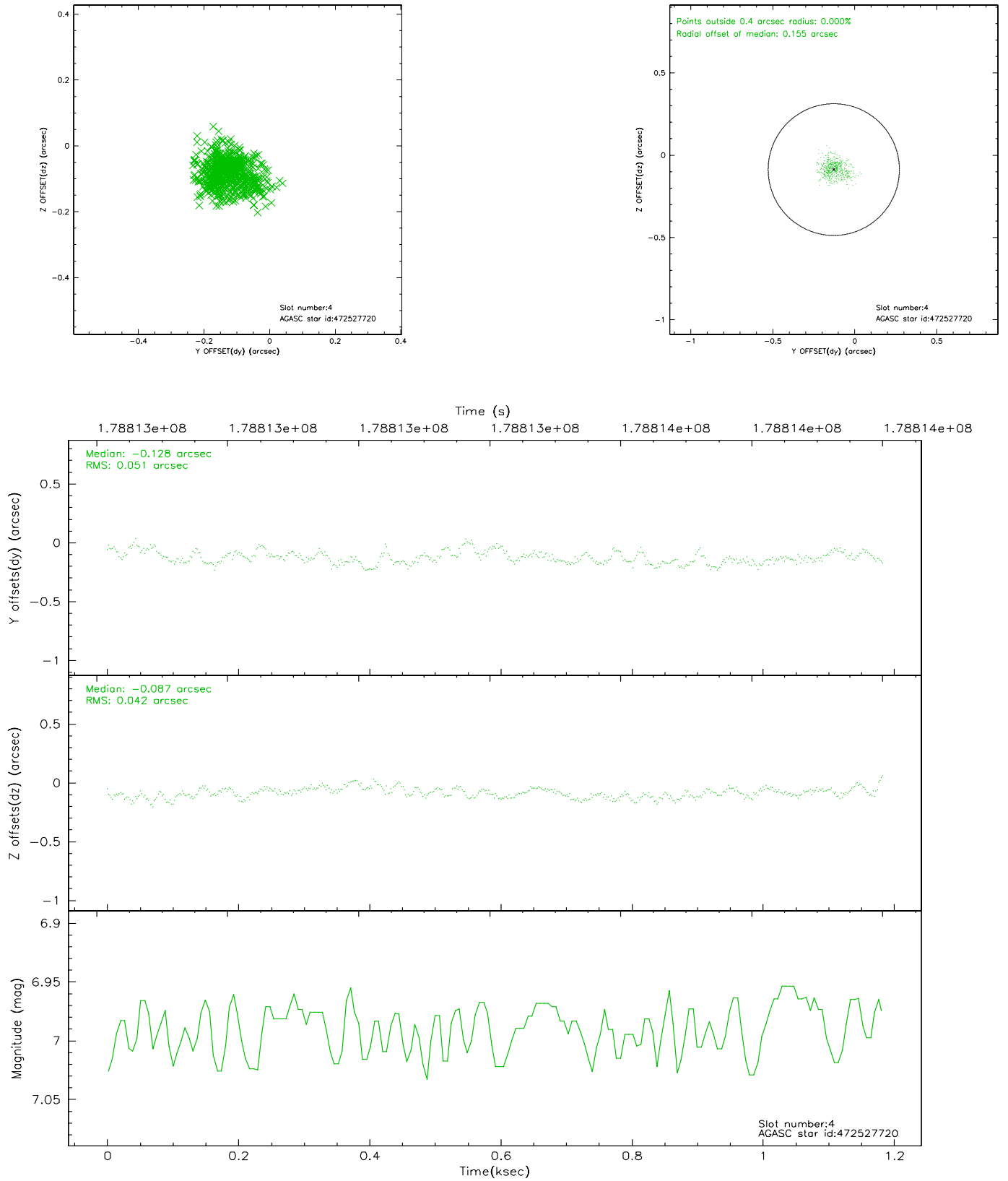
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	289	0.120	-0.114	0.008	0.012	0.000000	0.000000	-1161.20	-456.47
1	FID	HRC-S-2	7.02	289	0.156	-0.108	0.005	0.009	0.000000	0.000000	1234.49	-450.67
2	FID	HRC-S-3	7.03	289	0.113	-0.081	0.007	0.012	0.000000	0.000000	-1159.67	571.53
3	GUIDE	472523760	8.23	578	-0.043	-0.033	0.076	0.119	331.645363	45.403260	1343.43	1143.38
4	GUIDE	472527720	6.99	578	-0.128	-0.087	0.071	0.114	331.460205	45.112509	1994.90	2090.99
5	GUIDE	472533912	9.15	578	-0.000	0.010	0.113	0.177	331.791136	46.368695	371.35	-2208.81
6	GUIDE	472655152	9.45	578	0.089	0.057	0.092	0.155	332.504239	45.862991	-1071.43	-116.75
7	GUIDE	472659832	9.46	576	0.093	0.052	0.143	0.272	332.780399	46.098139	-1895.56	-833.42

2.4 Star Slots

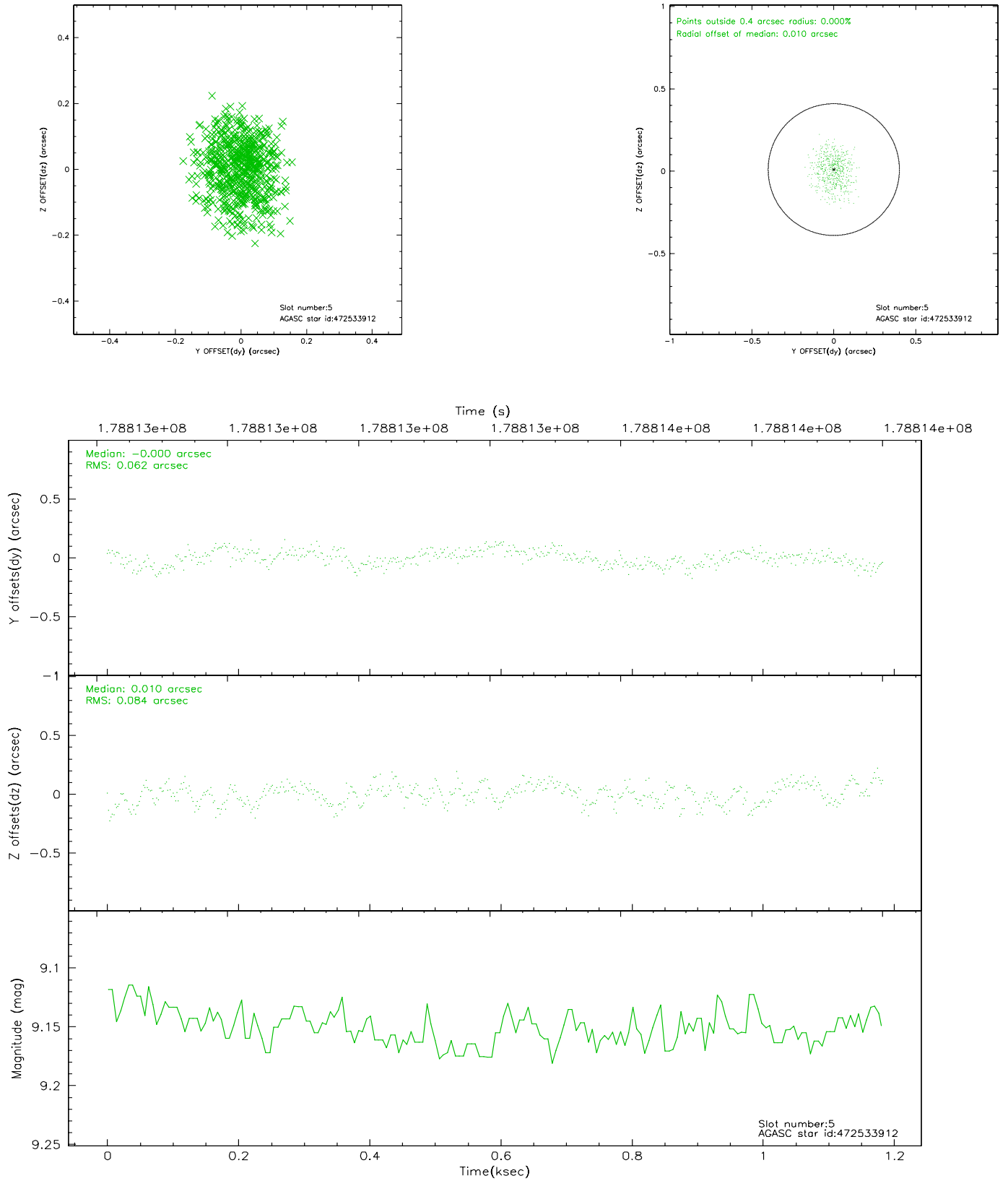
2.4.1 Slot 3



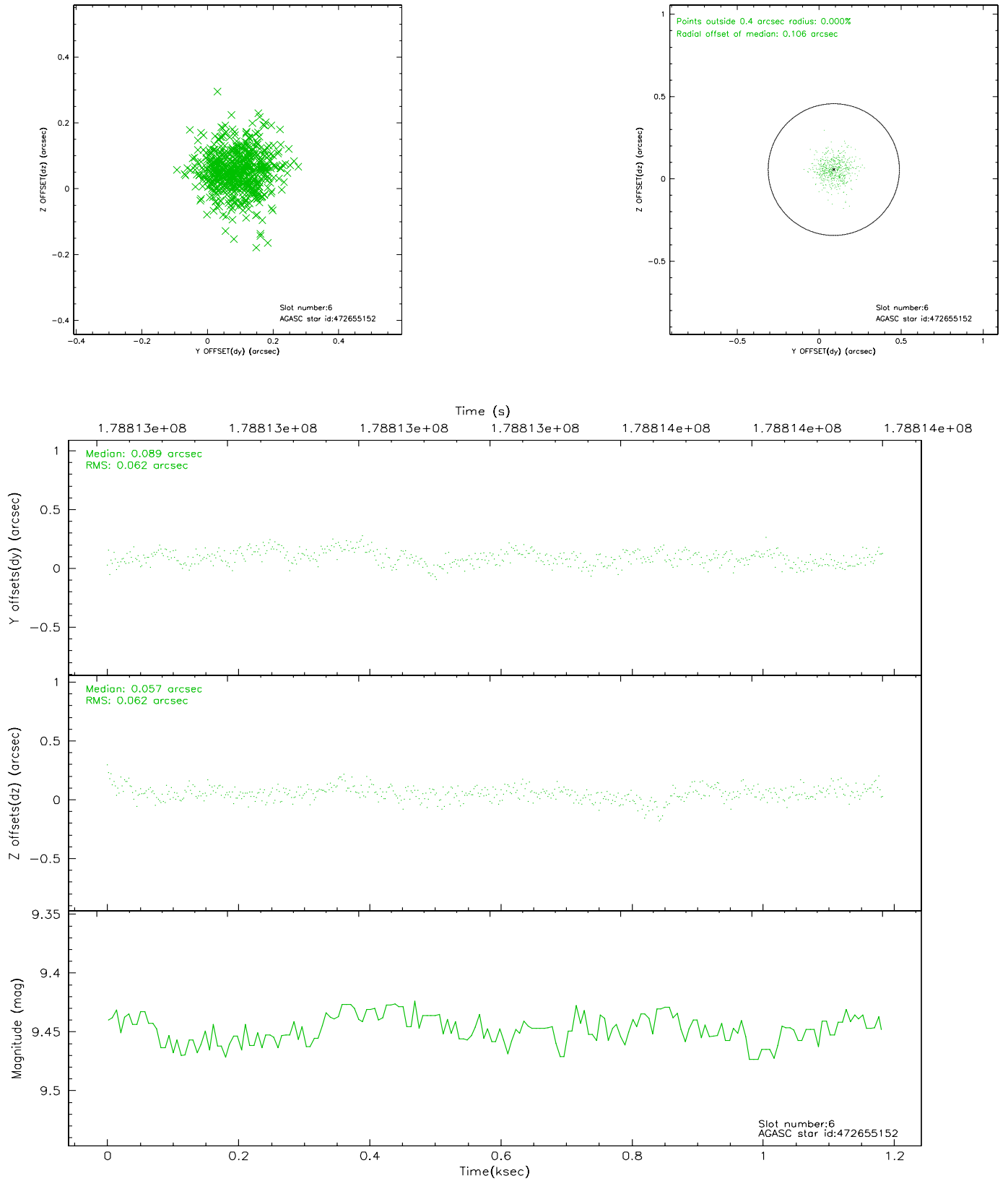
2.4.2 Slot 4



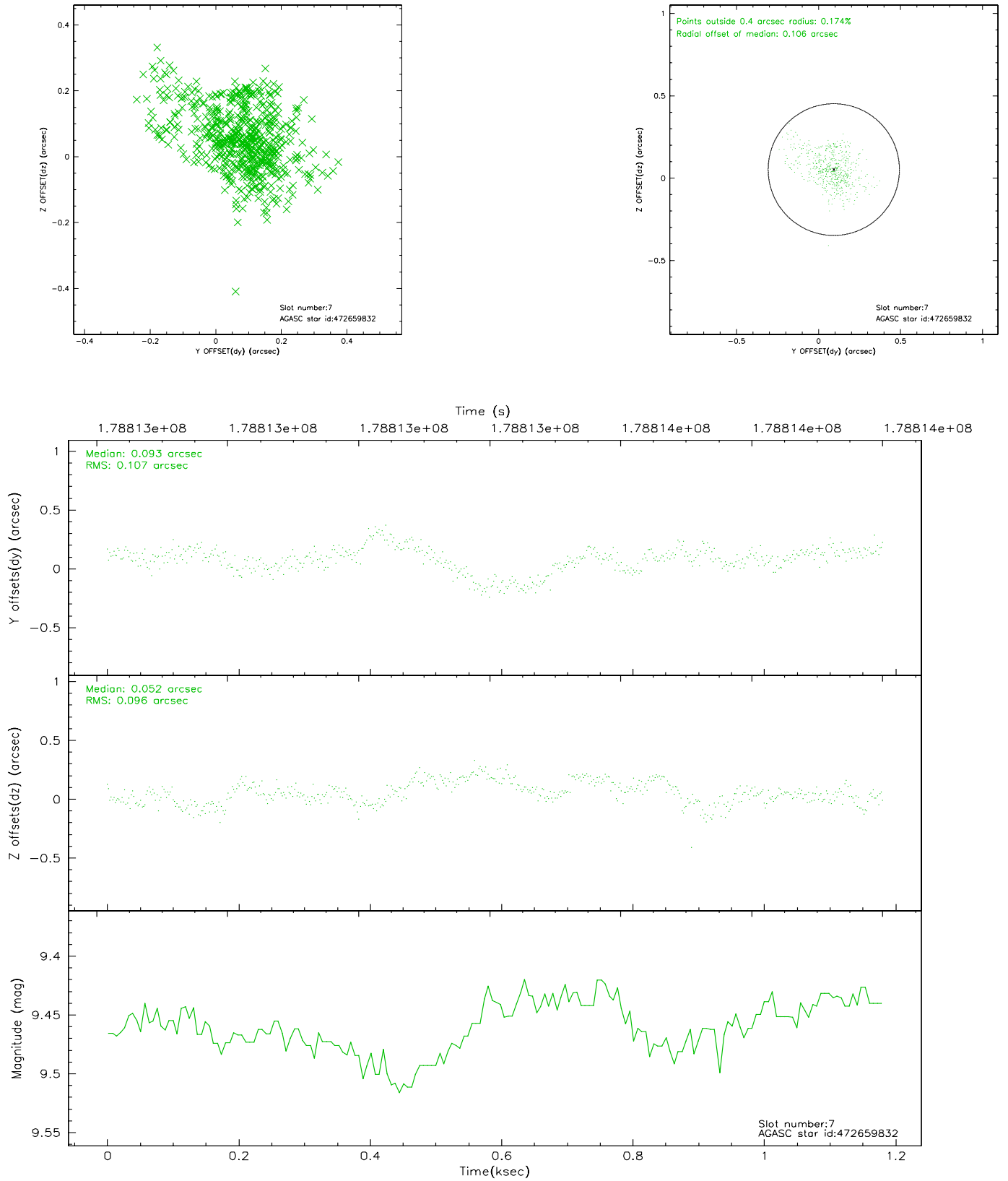
2.4.3 Slot 5



2.4.4 Slot 6

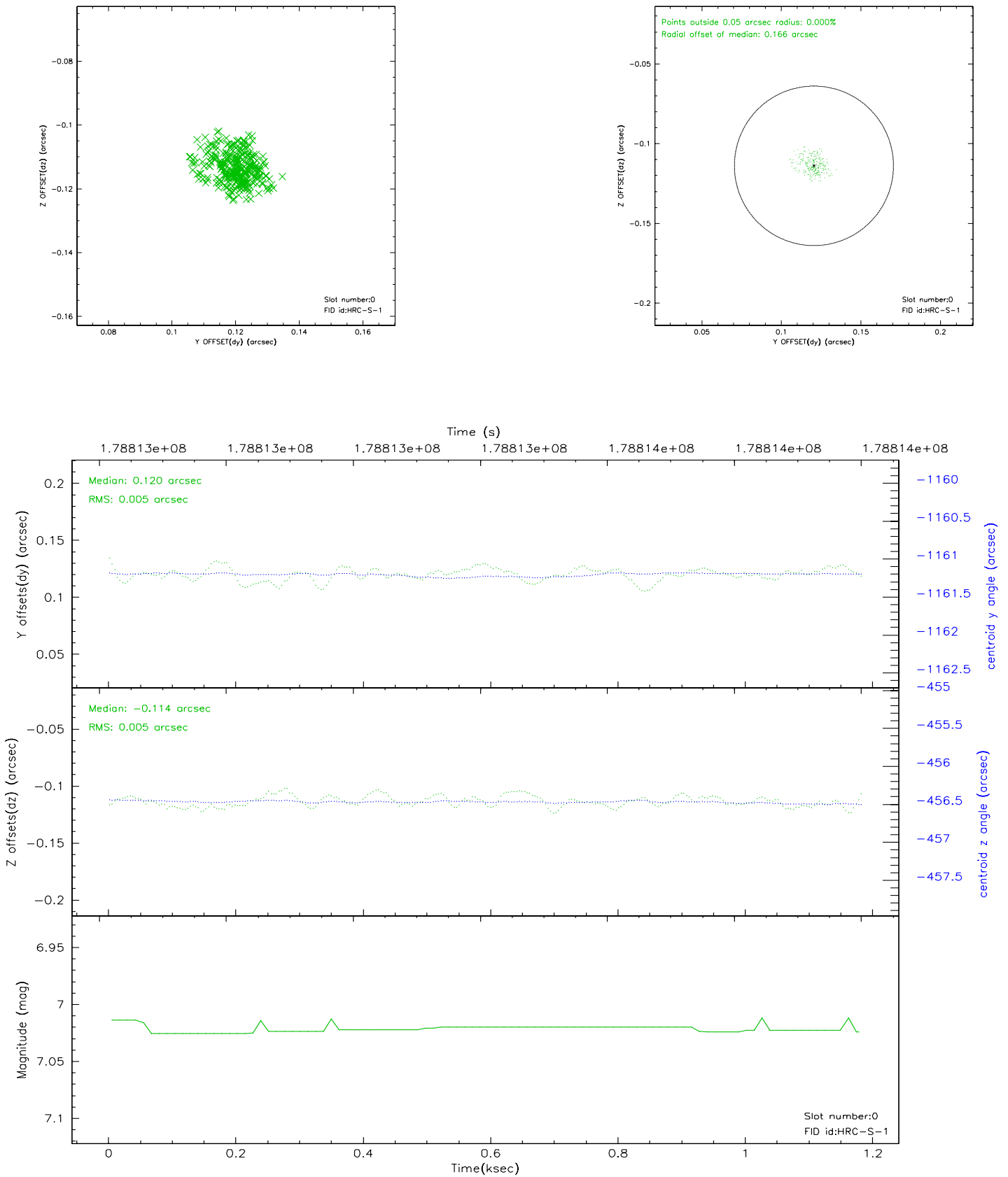


2.4.5 Slot 7

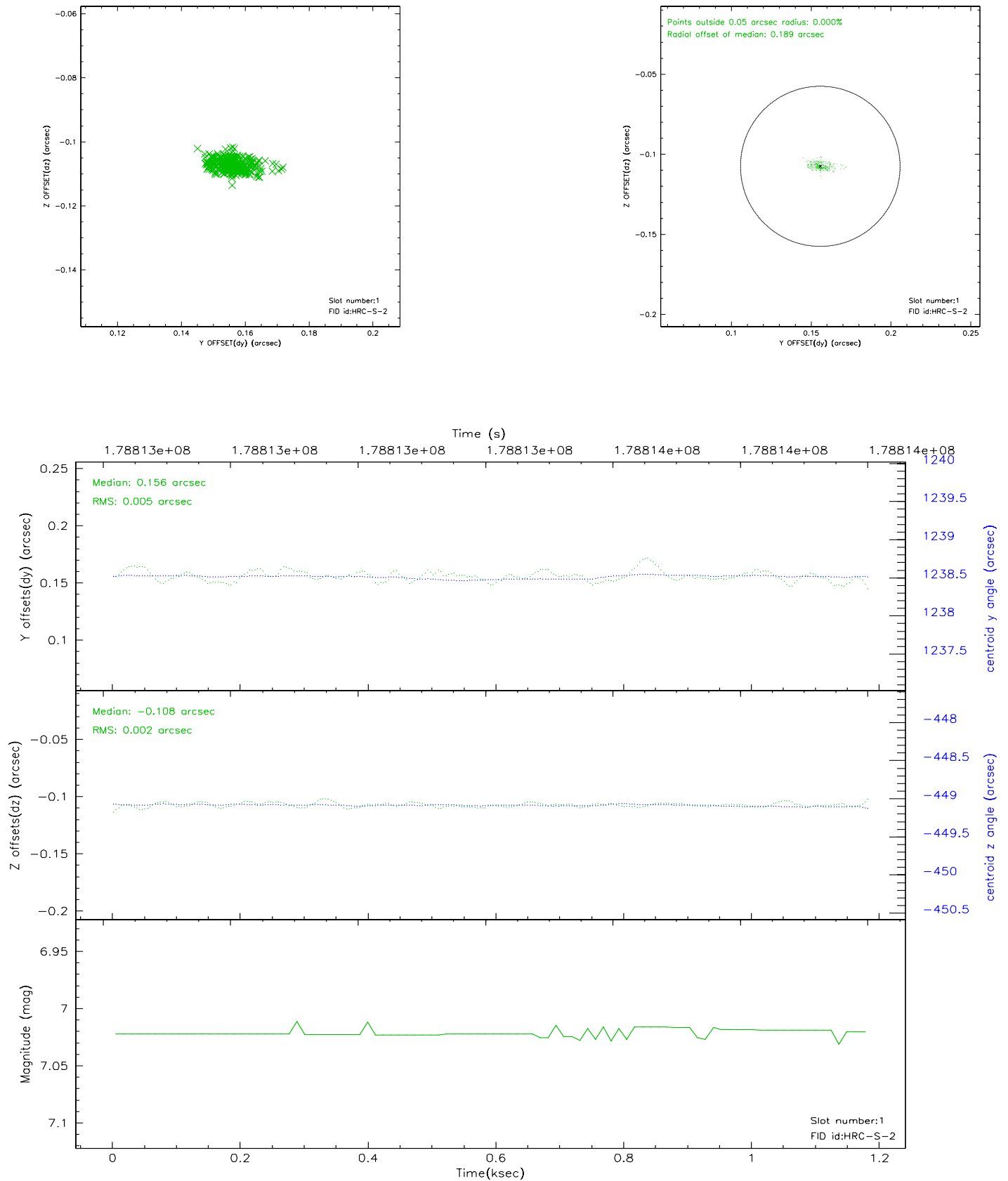


2.5 FID Slots

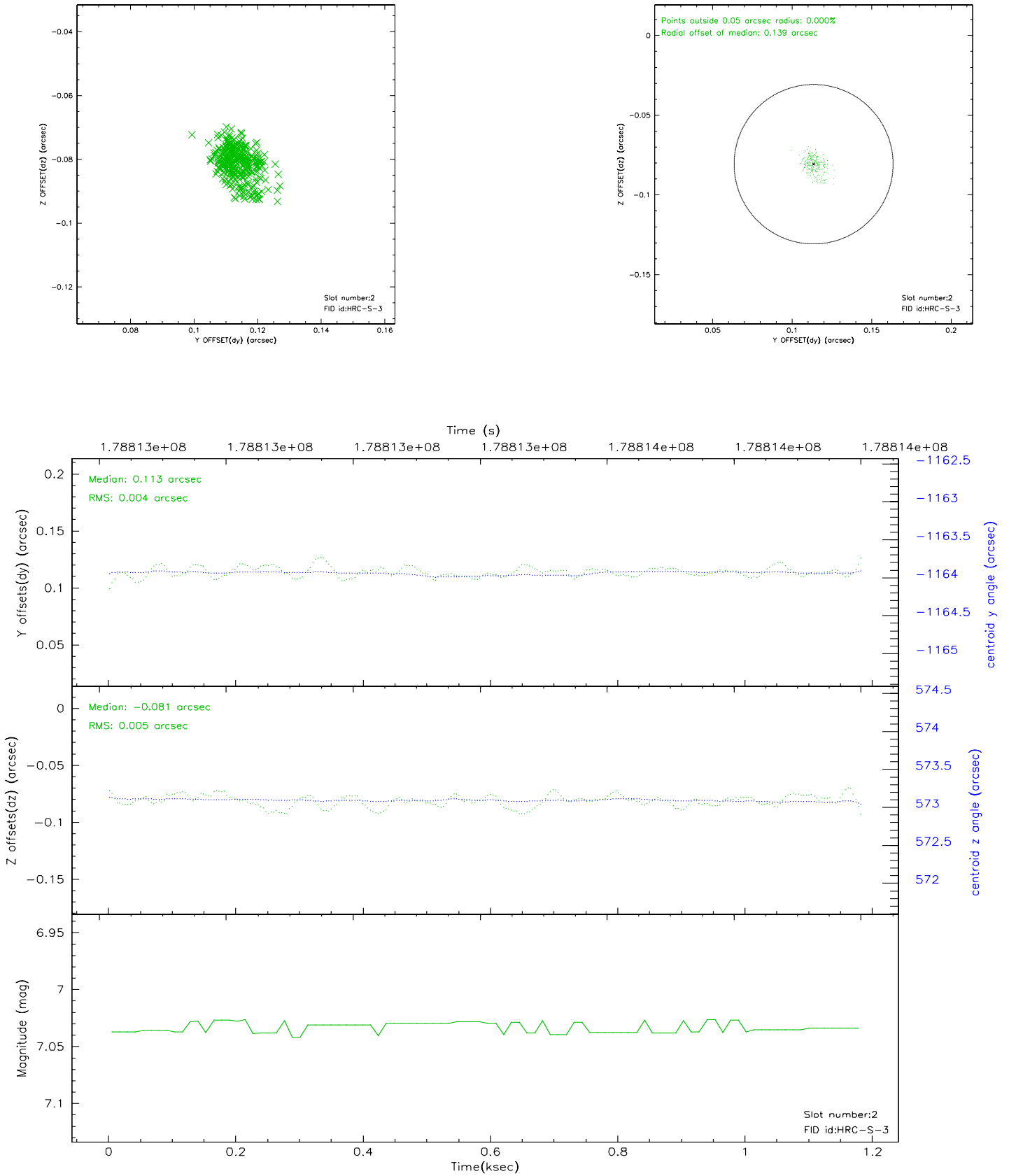
2.5.1 Slot 0



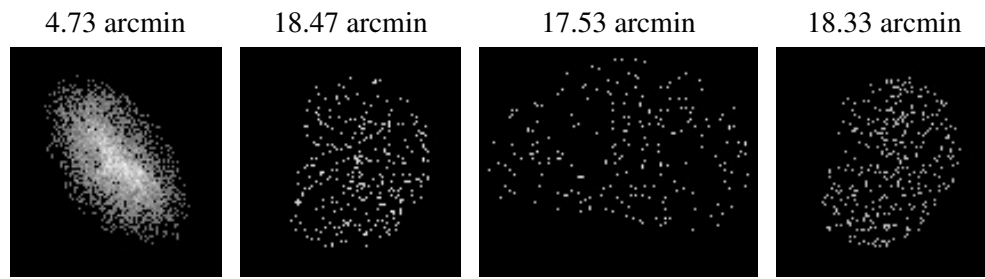
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments