

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4331 - L2 Version 001
Chandra X-Ray Center

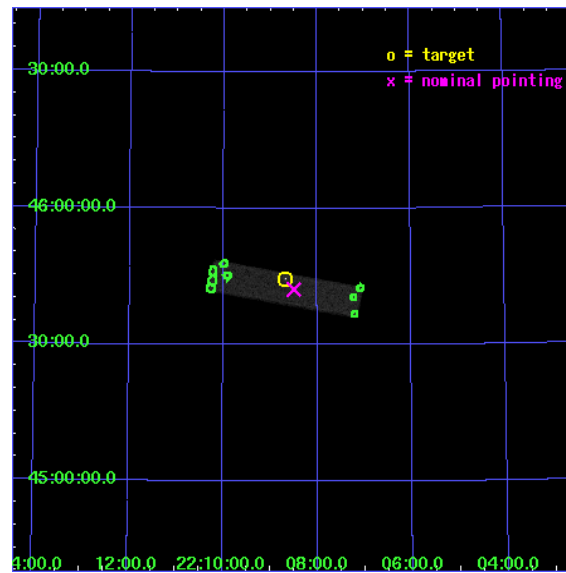
L2 Processing Date : Jul 7 2006

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1 Front

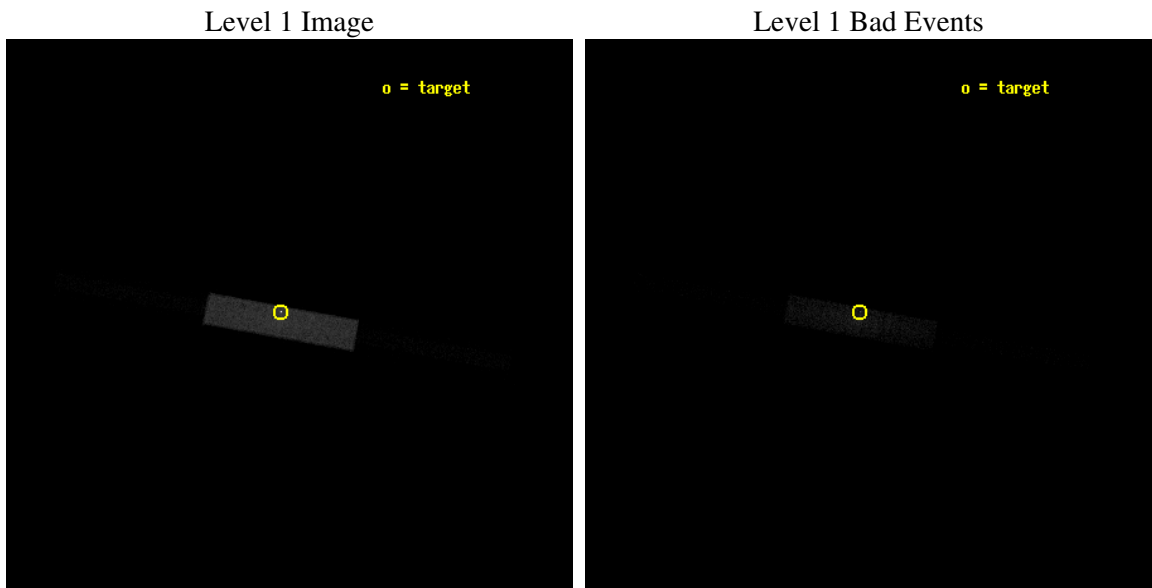
seq_num	290291
obs_id	4331
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.12392933295
dec_nom	45.703888259488
roll_nom	190.16969633668
revision	2
ontime	1141.8500510454
livetime	1135.988844743
l2events	39422



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	2006-07-07T23:19:17
revision	2

sched_exp_time	1000.000000
ontime	1182.0813005865
l1events	65418

2.1.3 Events

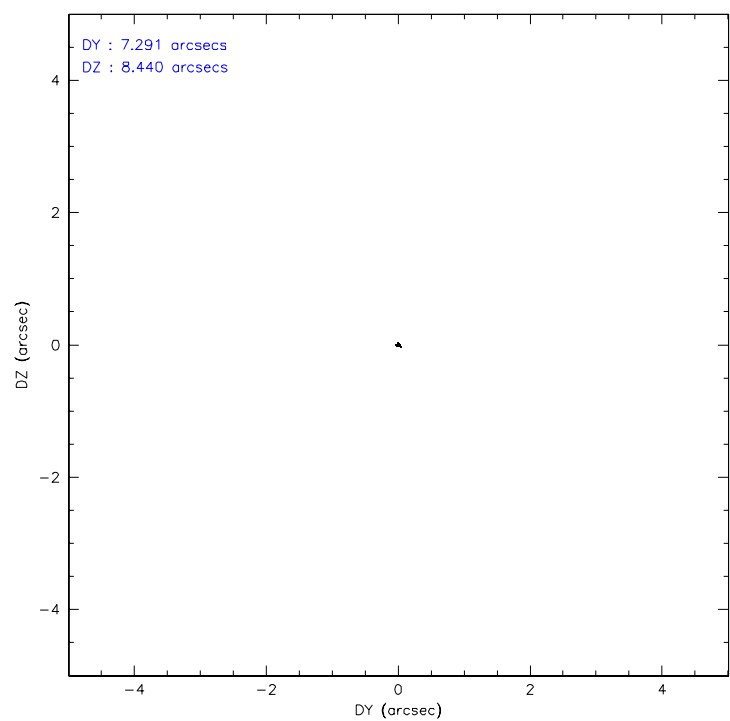
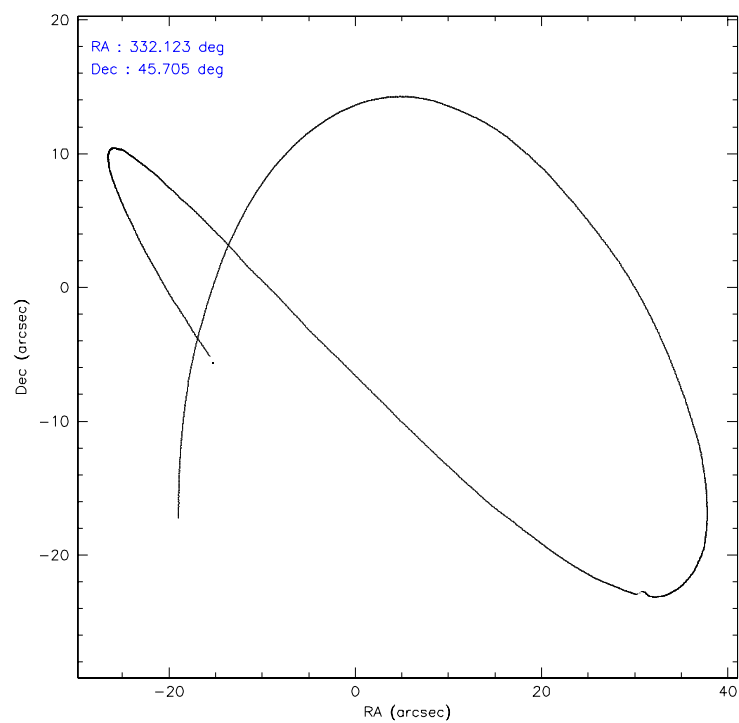
Level 1 Events

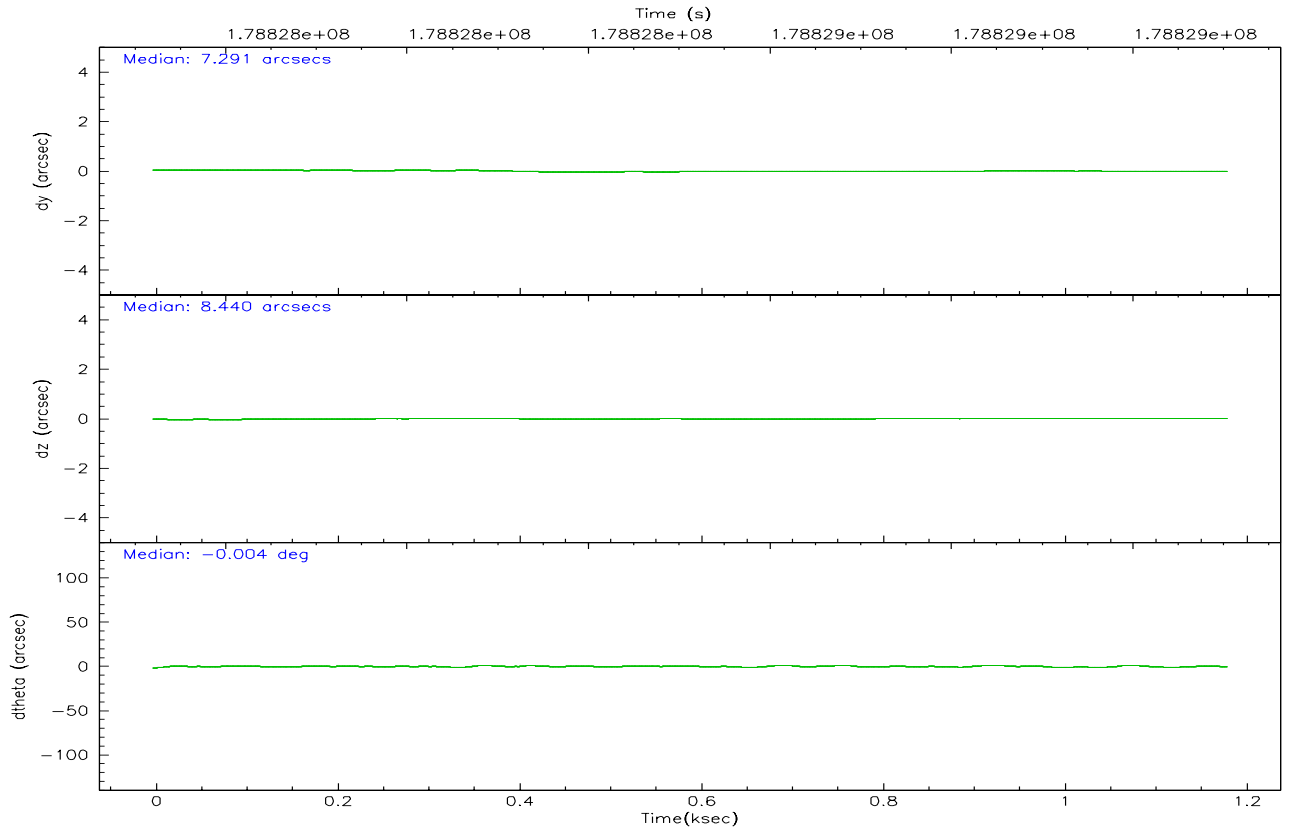
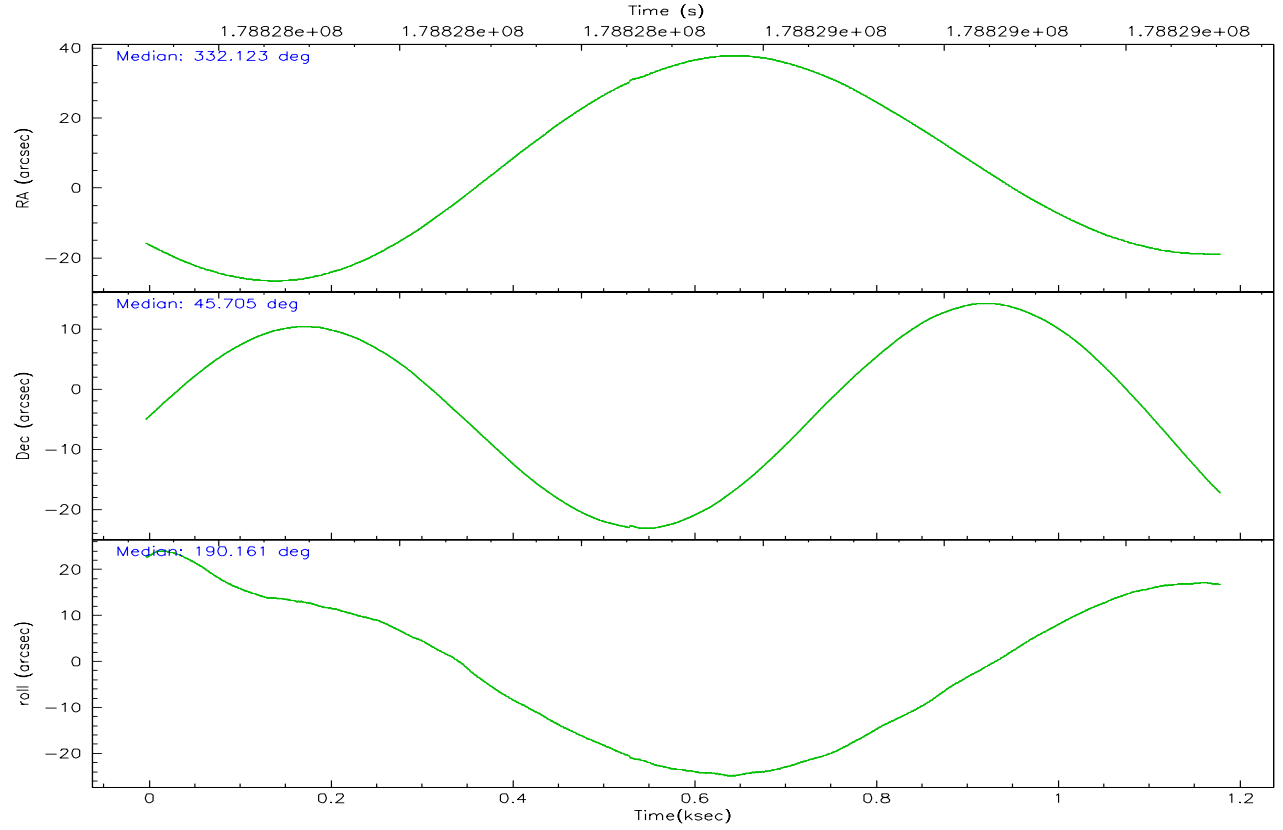
	segment 1	segment 2	segment 3
level 1 events	1097	63204	1117
rejected events	1097	20908	1117
rejected %	100%	33%	100%

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	332.154672	332.1239293329492			
Pointing Dec	45.722460	45.70388825948753			
Pointing Roll	190.080321	190.1696963366801			
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	178828098.184000	178827722.29582			
Observation start date	2003-09-01T18:27:14	2003-09-01T18:22:02			
Observation end time	178829098.184000	178829986.00842			
Observation end date	2003-09-01T18:43:54	2003-09-01T18:59:46			

2.3 Aspect



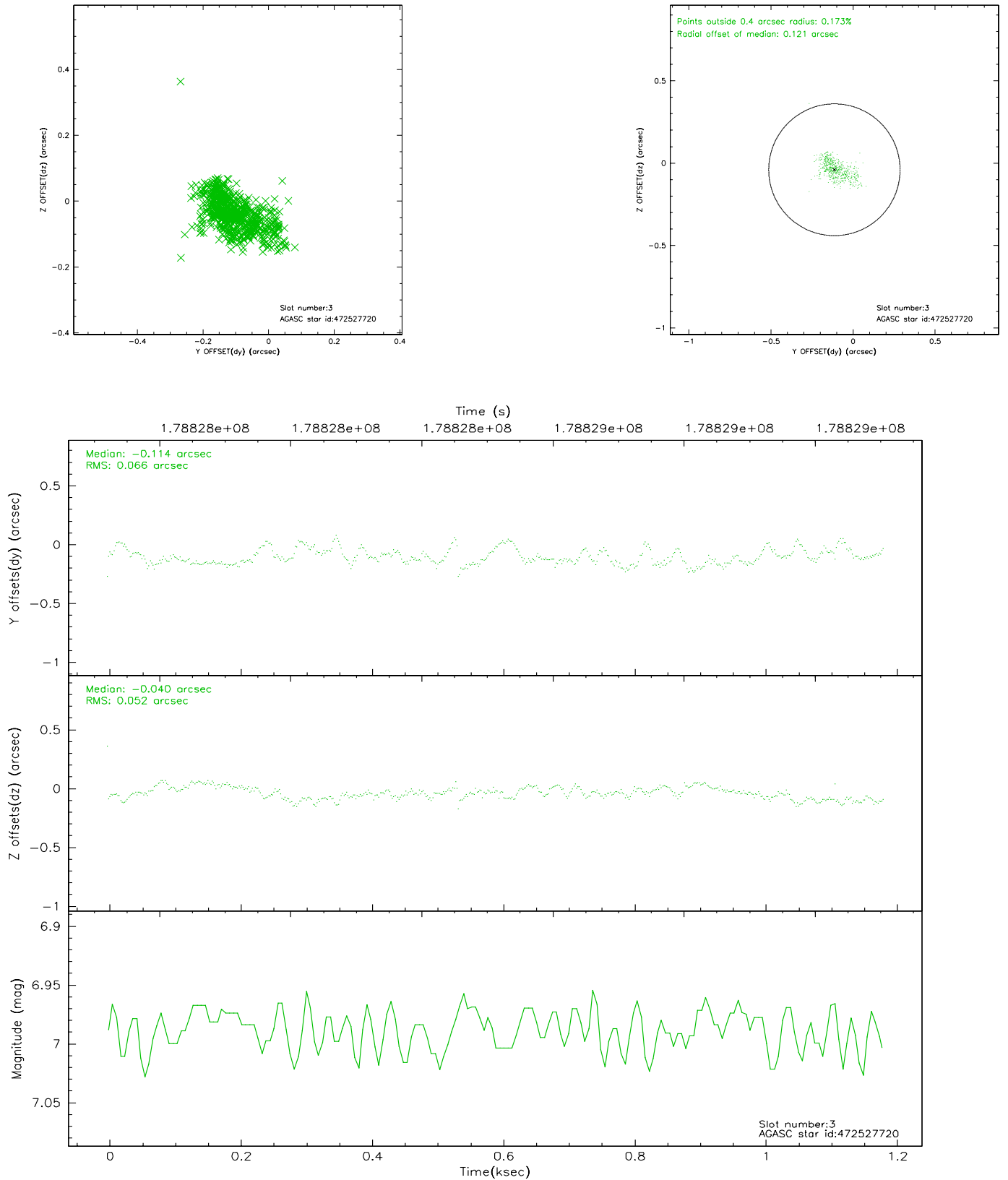


Slot Statistics

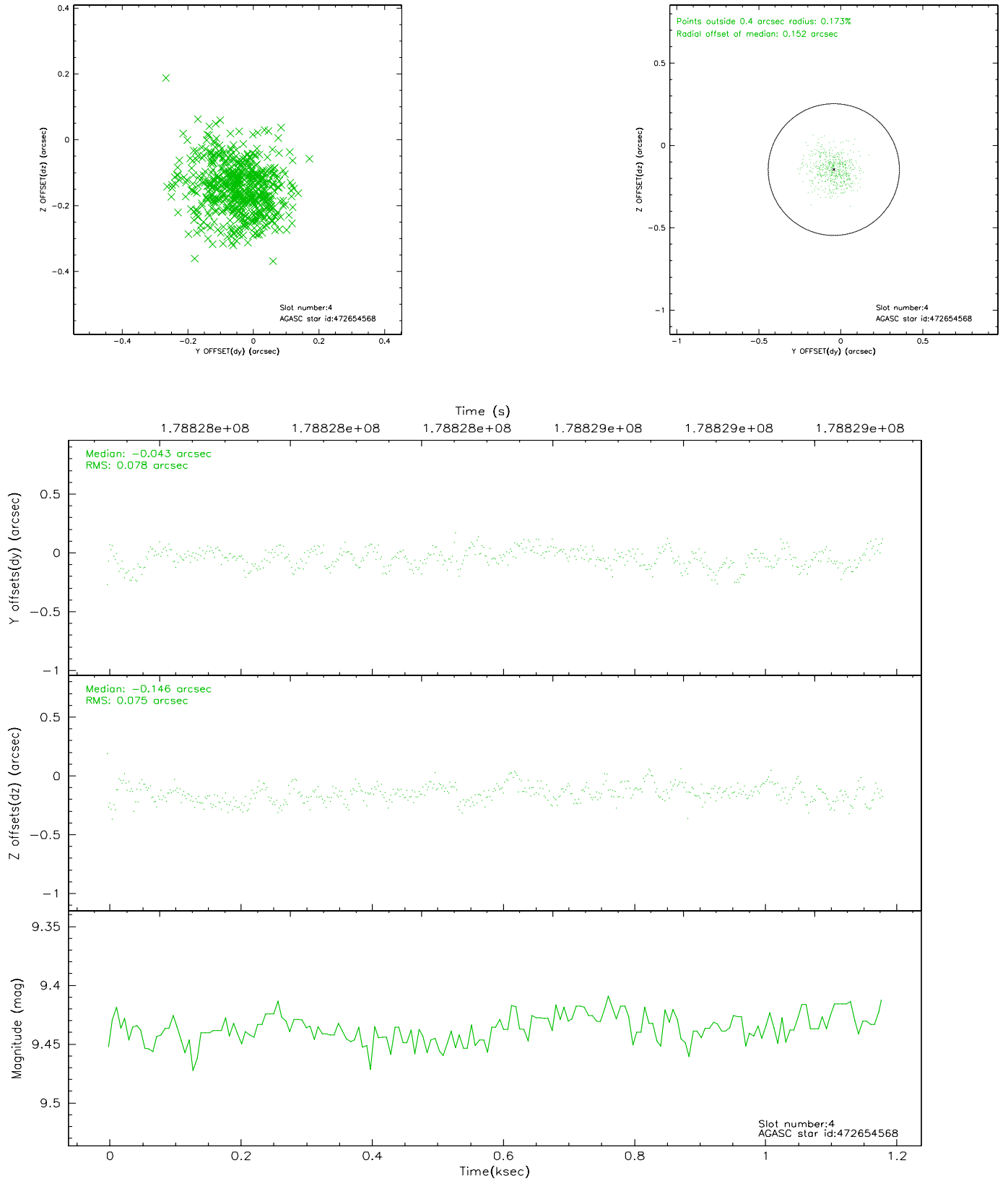
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	289	0.128	-0.135	0.005	0.010	0.000000	0.000000	-1161.46	-457.06
1	FID	HRC-S-2	7.01	289	0.153	-0.110	0.005	0.009	0.000000	0.000000	1234.23	-451.25
2	FID	HRC-S-3	7.03	289	0.108	-0.057	0.005	0.011	0.000000	0.000000	-1159.93	570.99
3	GUIDE	472527720	6.99	578	-0.114	-0.040	0.086	0.148	331.460205	45.112509	2118.56	1849.80
4	GUIDE	472654568	9.44	578	-0.043	-0.146	0.116	0.190	332.194449	45.063576	317.62	2360.00
5	GUIDE	472655152	9.44	578	0.118	0.065	0.117	0.192	332.504239	45.862991	-952.25	-338.70
6	GUIDE	472659832	9.47	578	0.070	0.072	0.105	0.198	332.780399	46.098139	-1778.36	-1061.14
7	GUIDE	472533912	9.15	577	-0.041	0.045	0.105	0.177	331.791136	46.368695	477.62	-2448.48

2.4 Star Slots

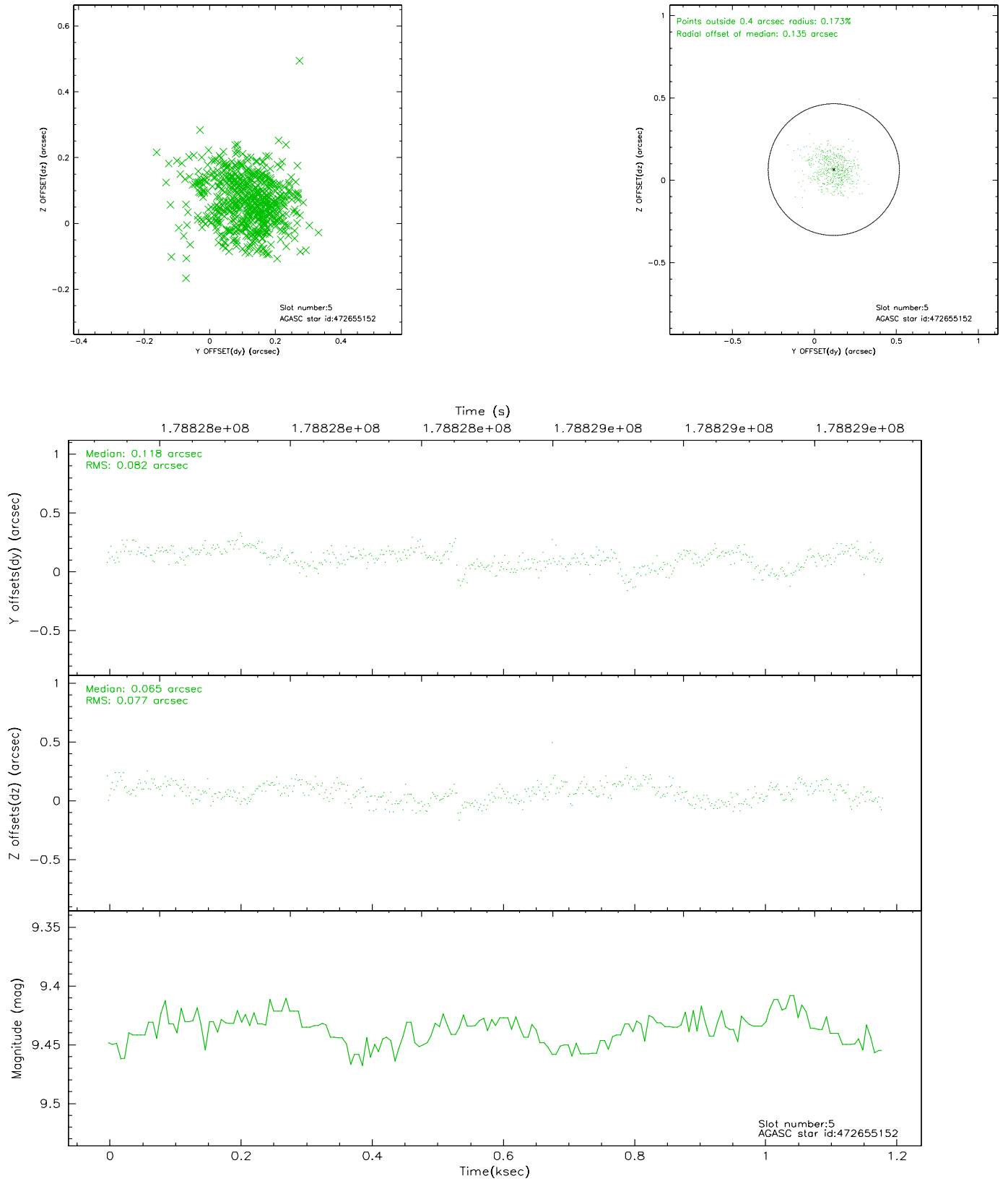
2.4.1 Slot 3



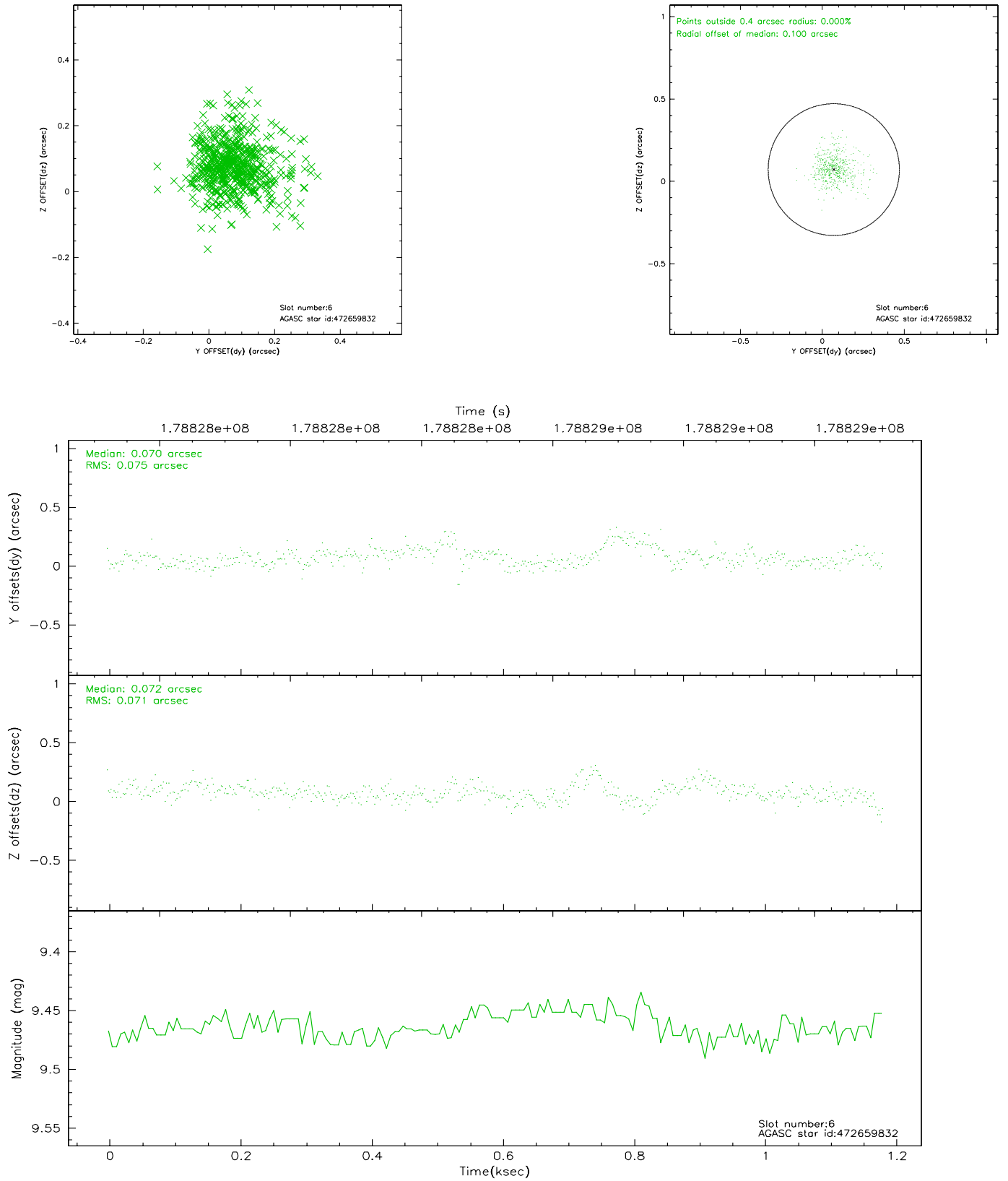
2.4.2 Slot 4



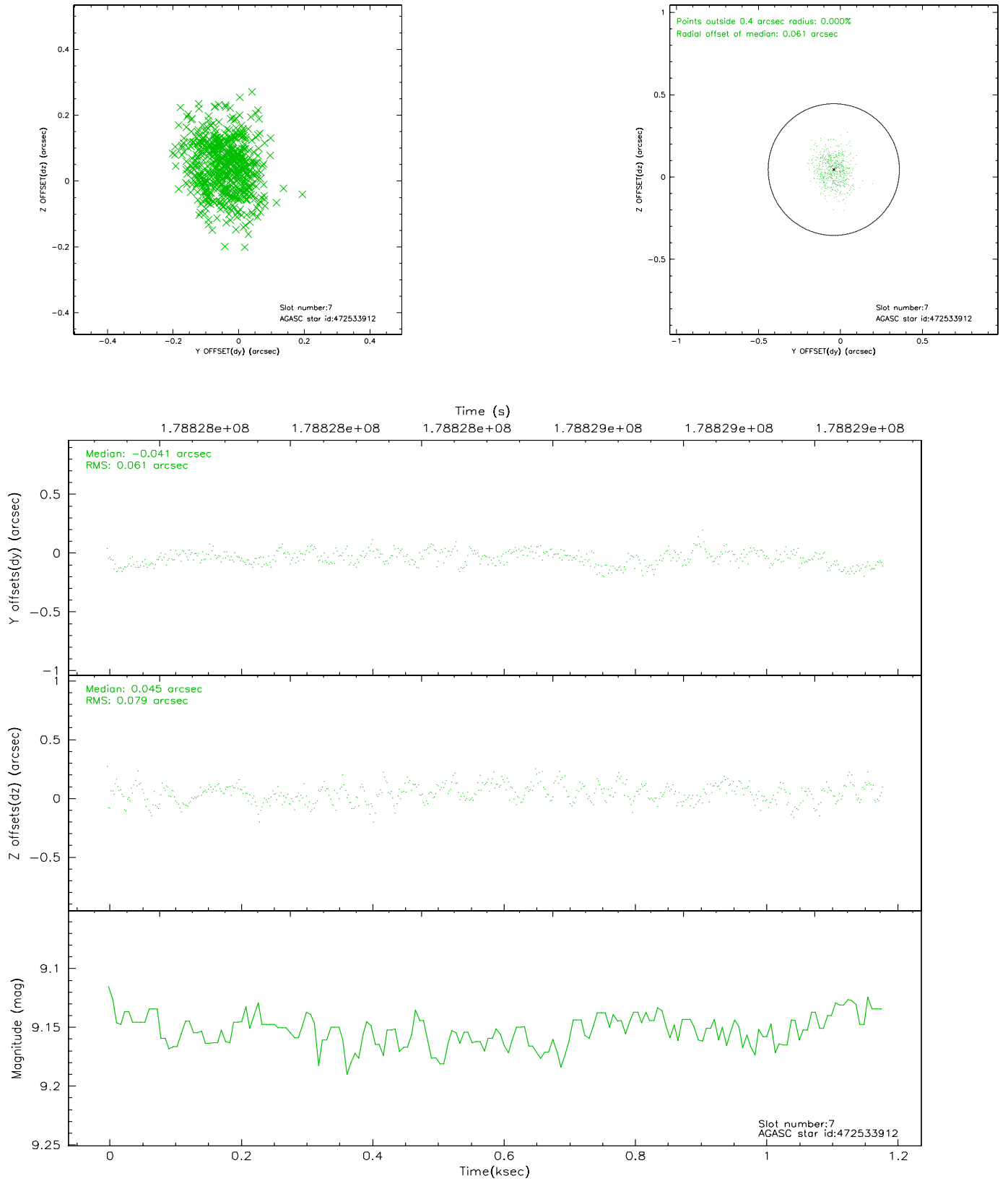
2.4.3 Slot 5



2.4.4 Slot 6

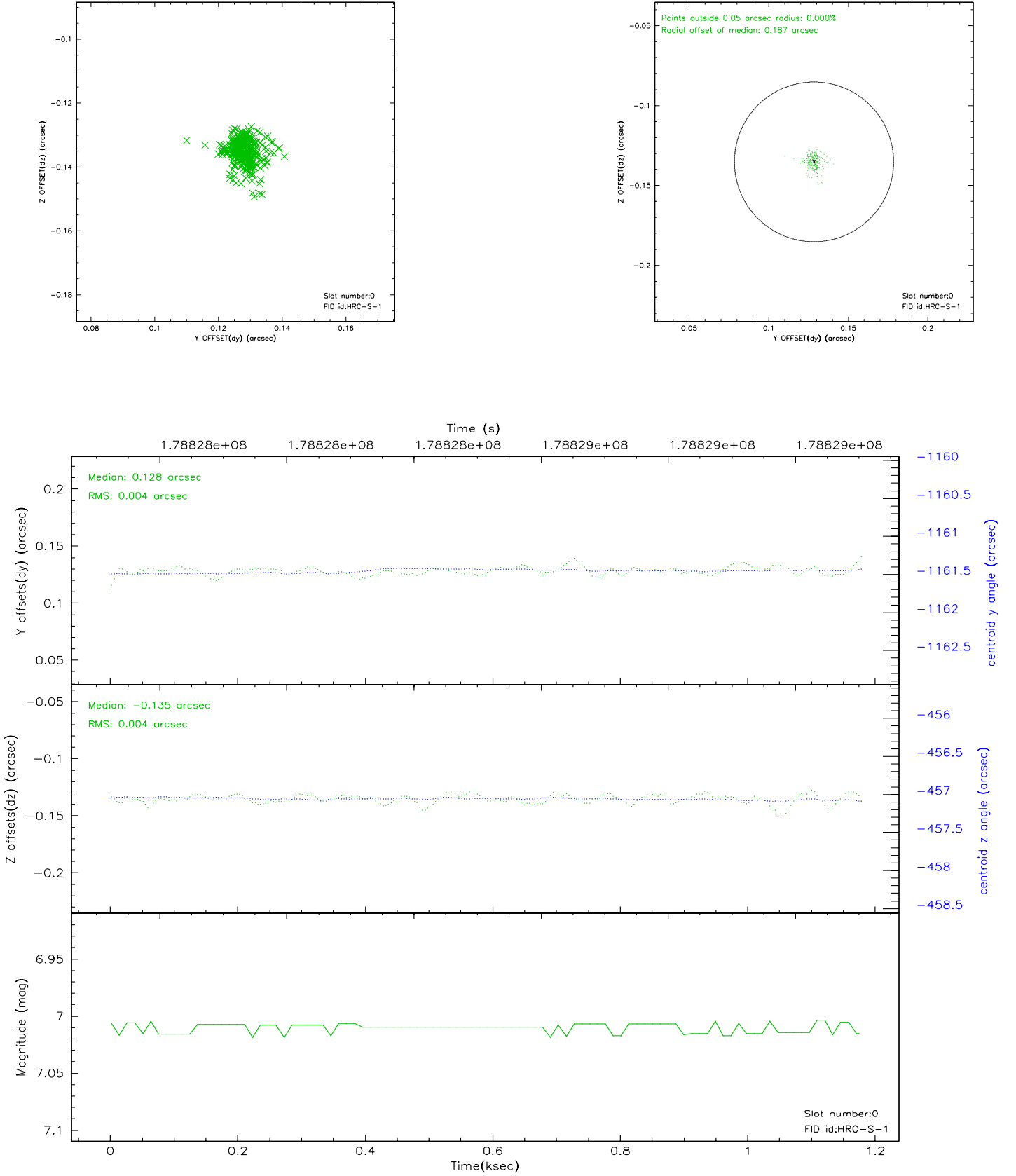


2.4.5 Slot 7

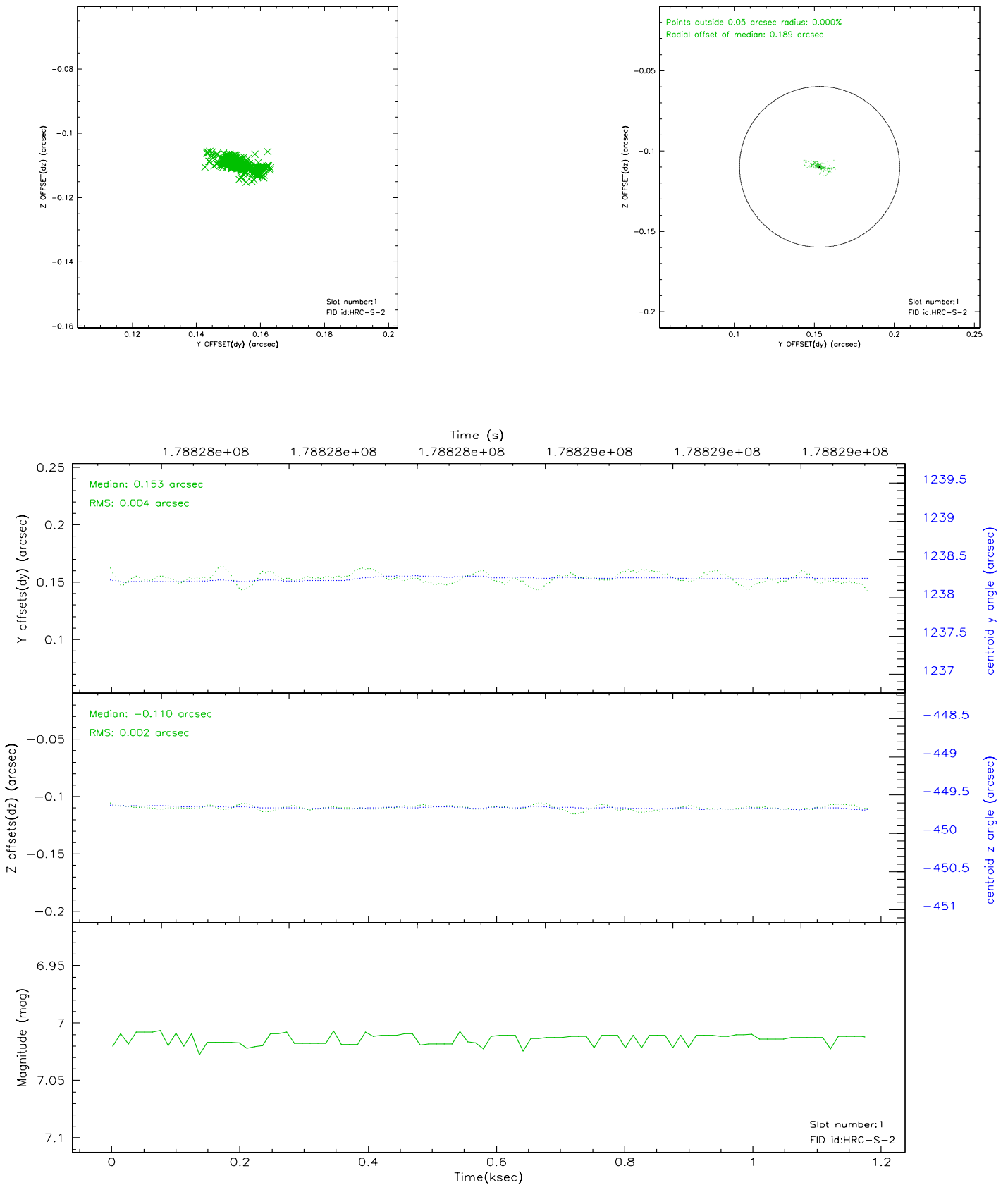


2.5 FID Slots

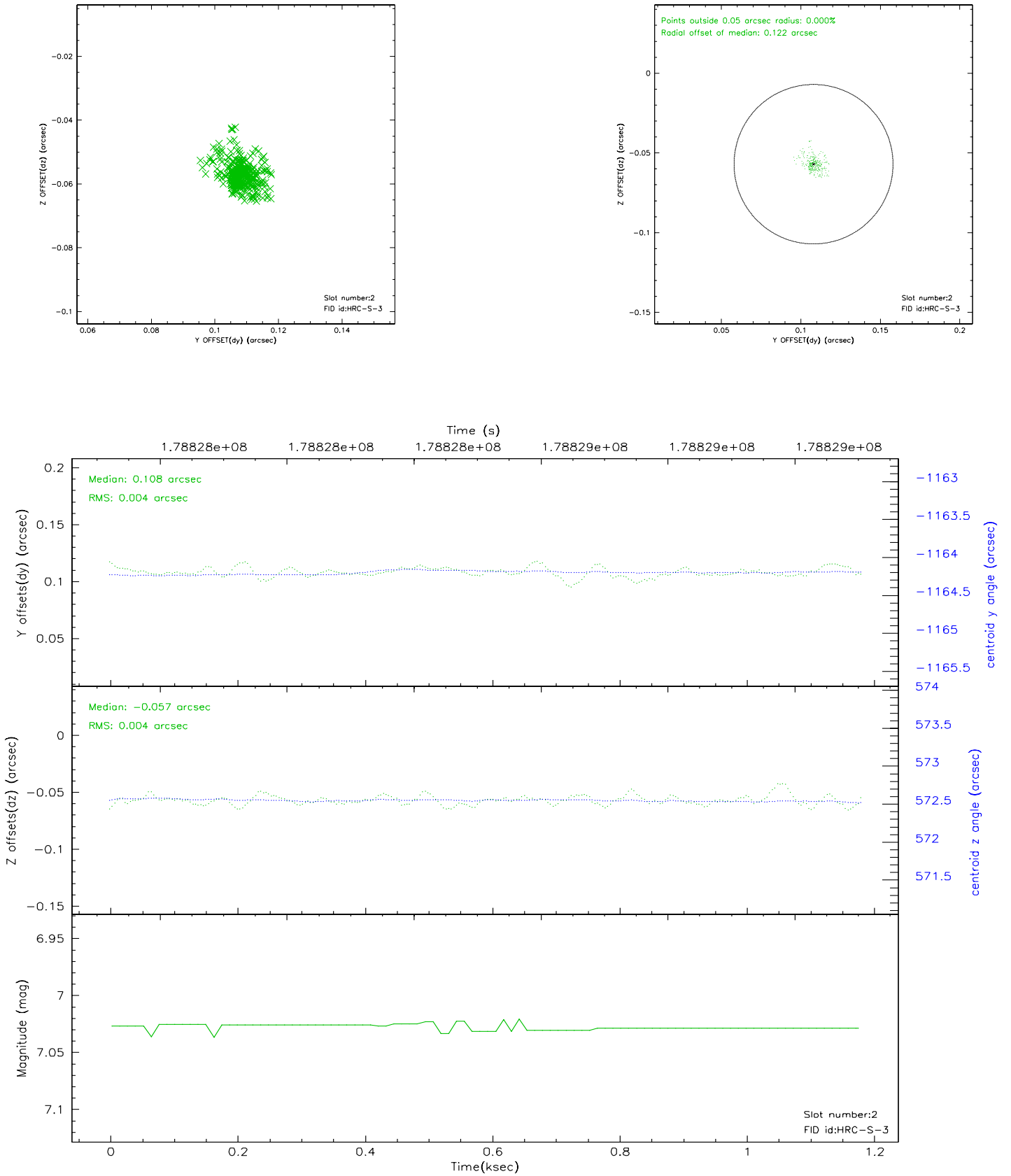
2.5.1 Slot 0



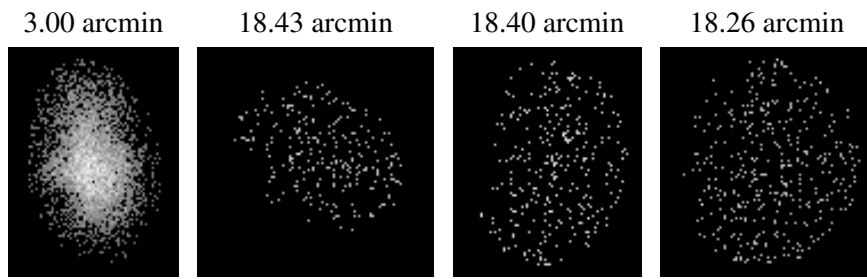
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.141

A.2 Comments

Monitor constraint met.

Target is near the edge of the chip.