

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2626 - L2 Version 3
Chandra X-Ray Center

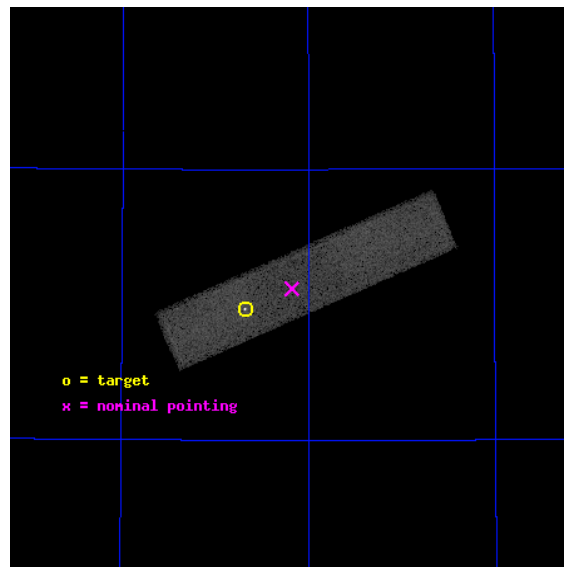
L2 Processing Date : Oct 1 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

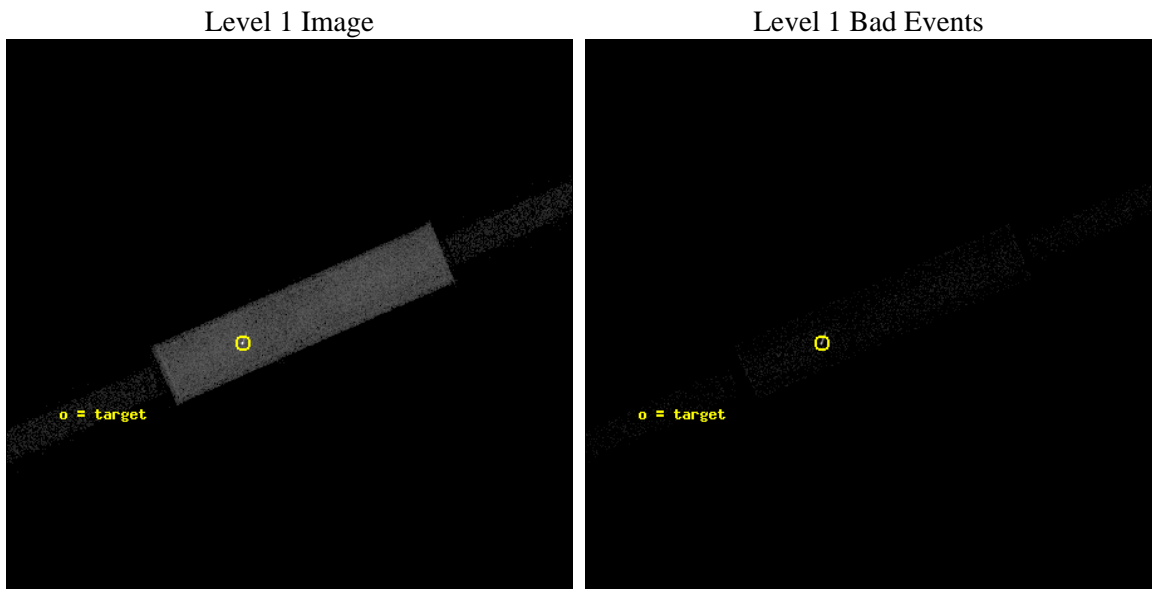
seq_num	290182	Sequence number
obs_id	2626	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.04415416291	Nominal RA [deg]
dec_nom	45.779783402957	Nominal Dec [deg]
roll_nom	336.31492062037	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1145.1812961549	[s]
livetime	1136.6061179891	Ontime multiplied by DTCOR
l2events	61073	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1145.1812961549	[s]
caldbver	4.5.2	 	l1events	107123	Number of level 1 events
date	2012-10-01T03:02:09	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

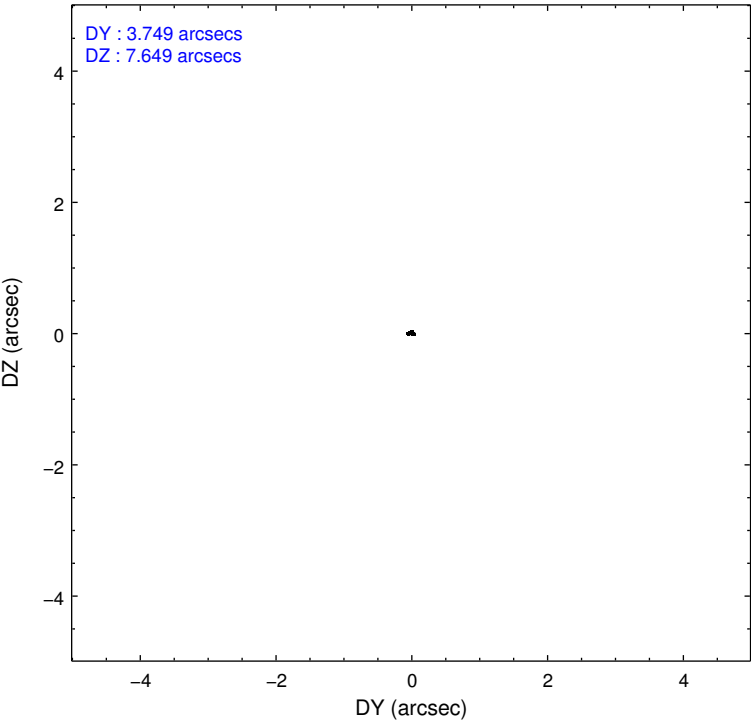
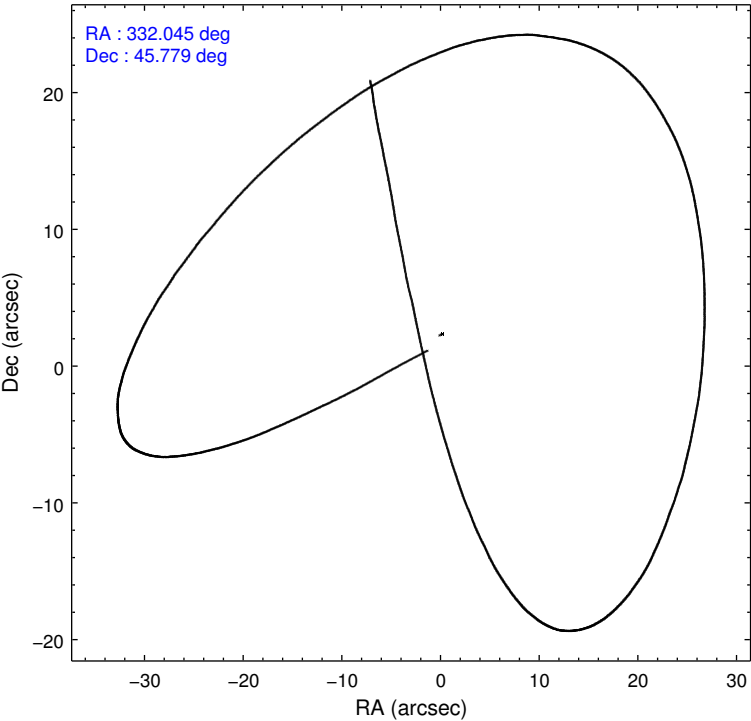
Level 1 Events

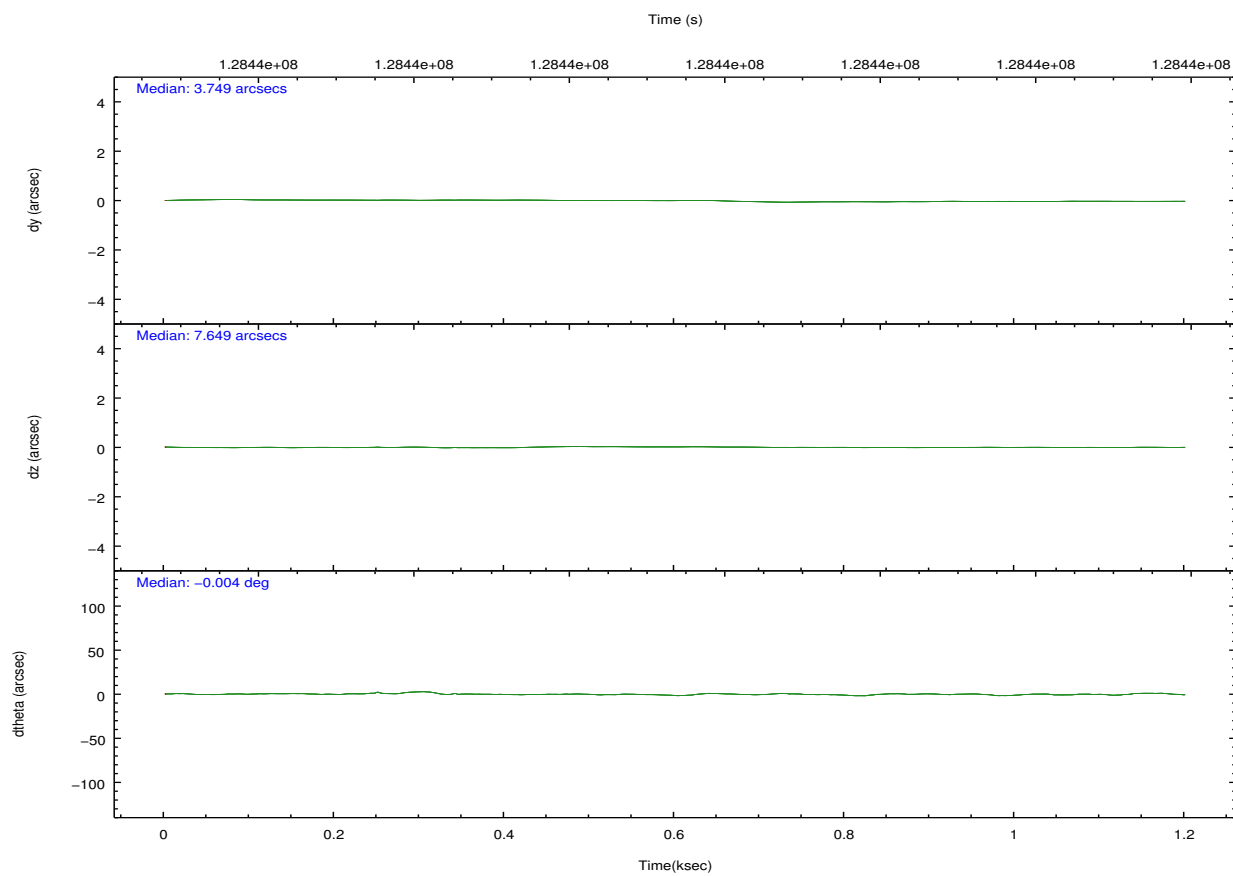
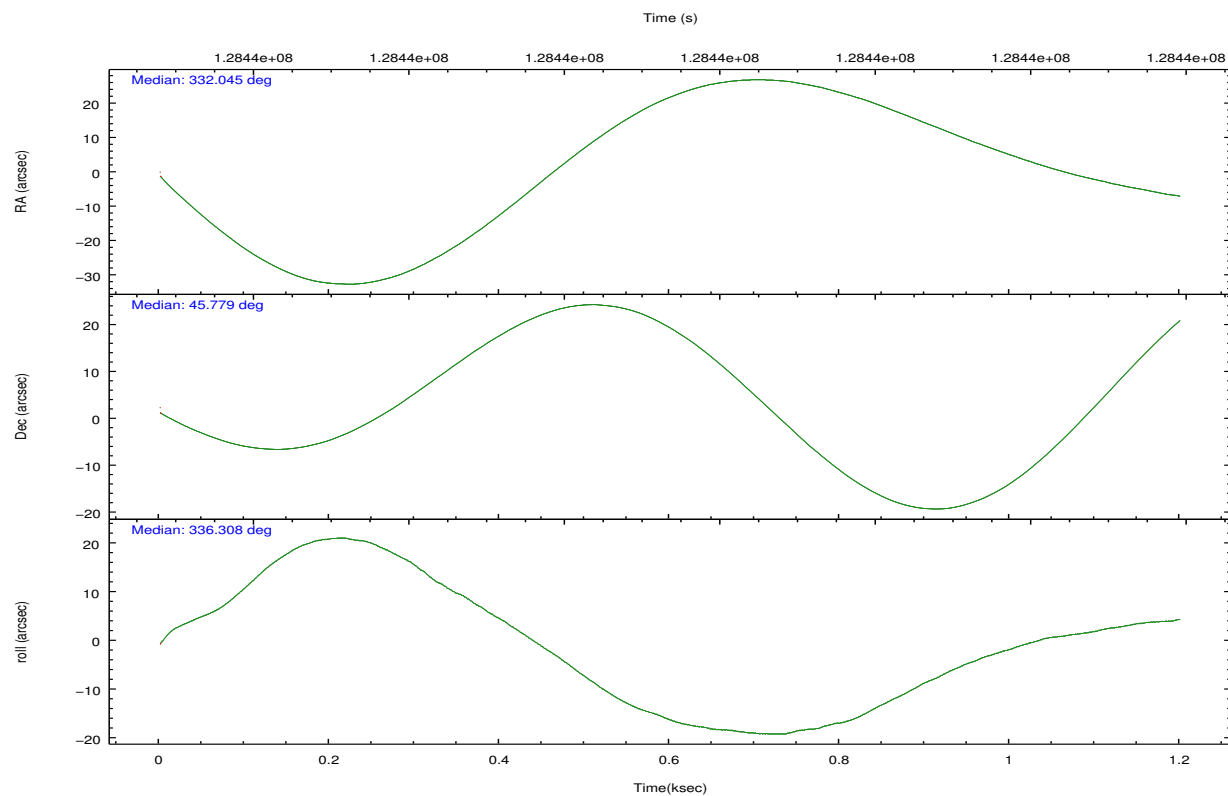
	segment 1	segment 2	segment 3
level 1 events	3726	100256	3141
rejected events	3726	28978	3141
rejected %	100%	28%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	332.004428	332.0441541629137			
[deg] Pointing Dec	45.776090	45.77978340295682			
[deg] Pointing Roll	336.276068	336.3149206203703			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	128443537.184000	128443161.52586			
Observation start date	2002-01-26T14:44:33	2002-01-26T14:39:21			
[s] Observation end time (MET)	128444537.184000	128444671.35092			
Observation end date	2002-01-26T15:01:13	2002-01-26T15:04:31			

2.3 Aspect



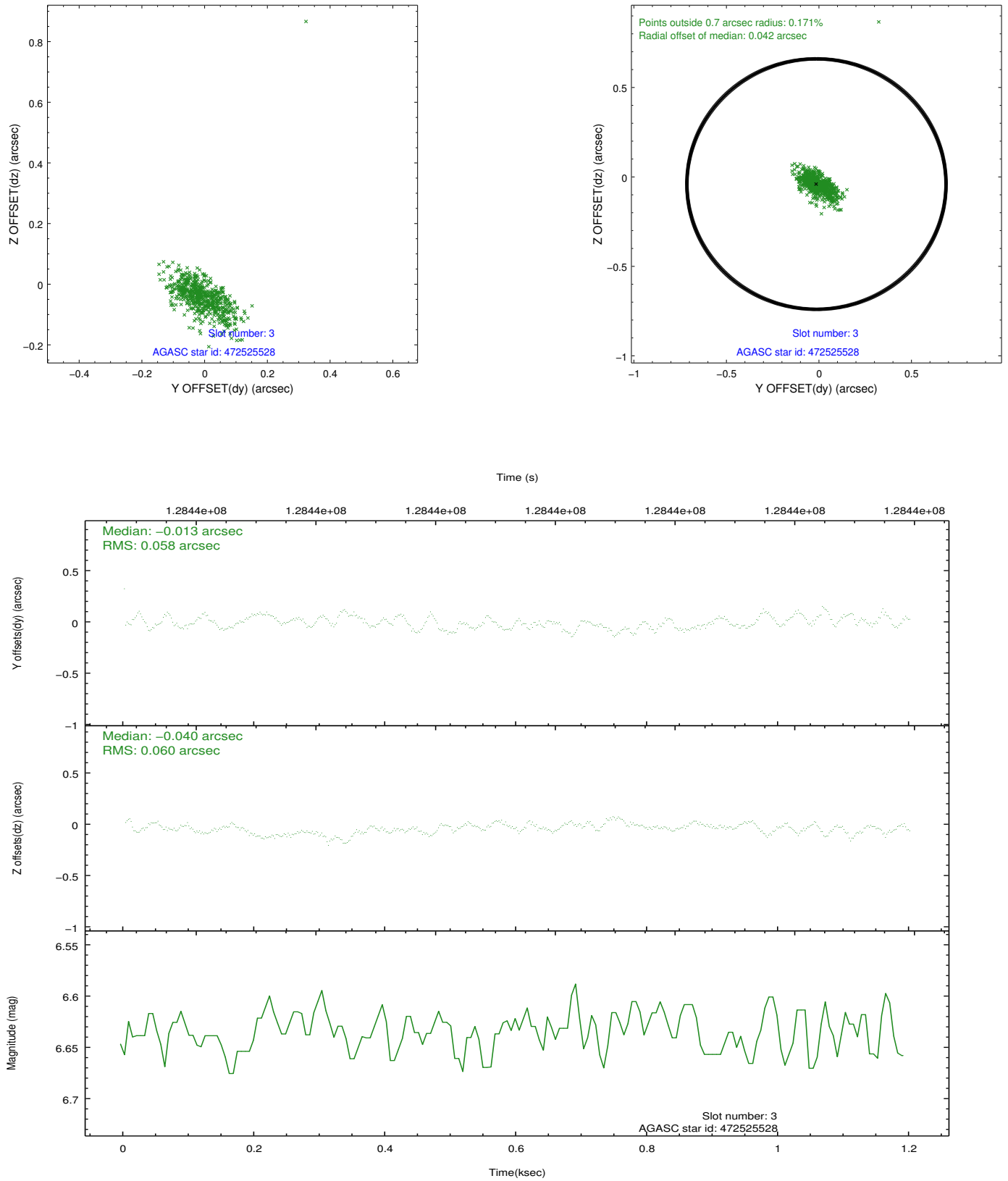


Slot Statistics

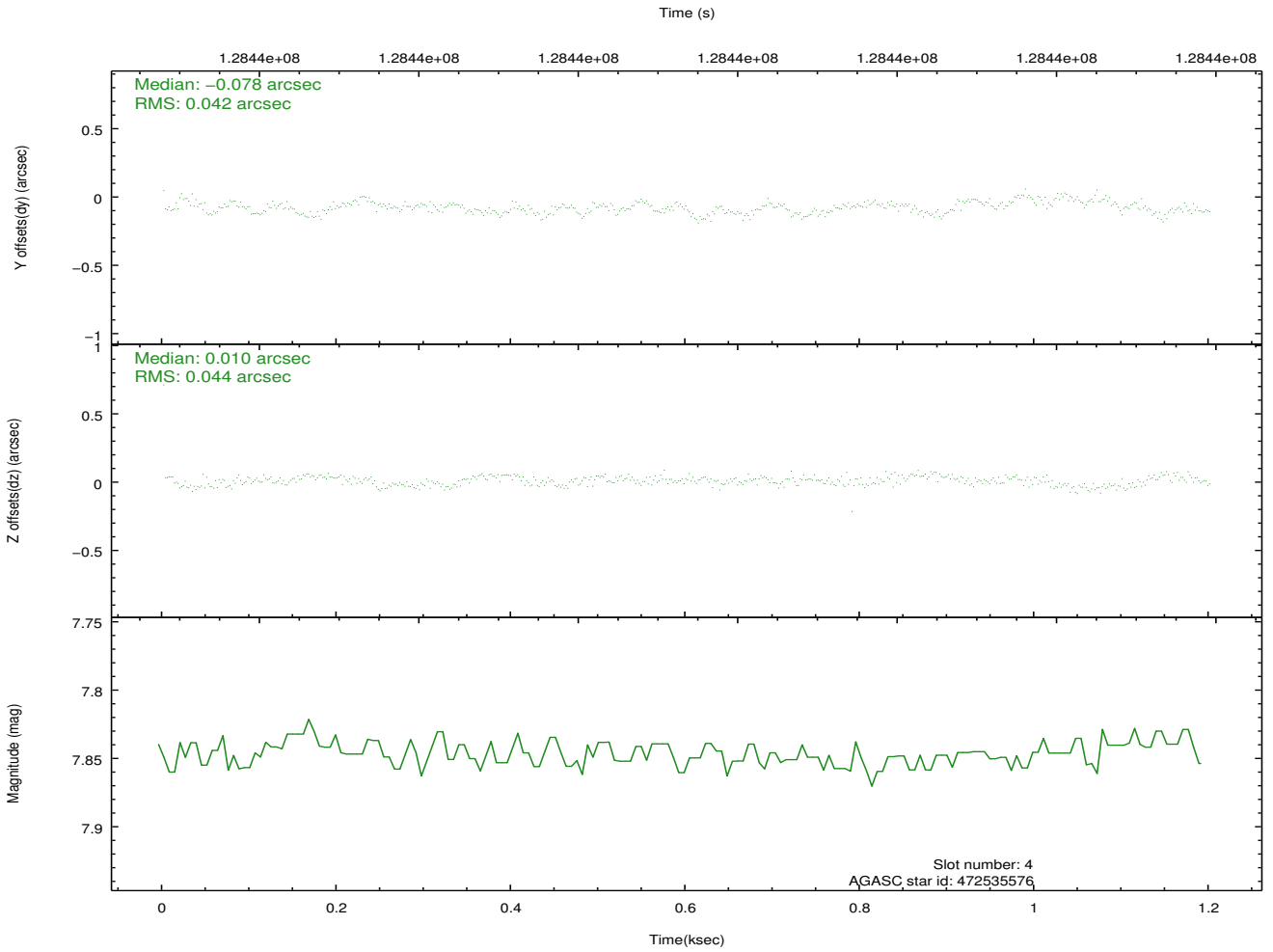
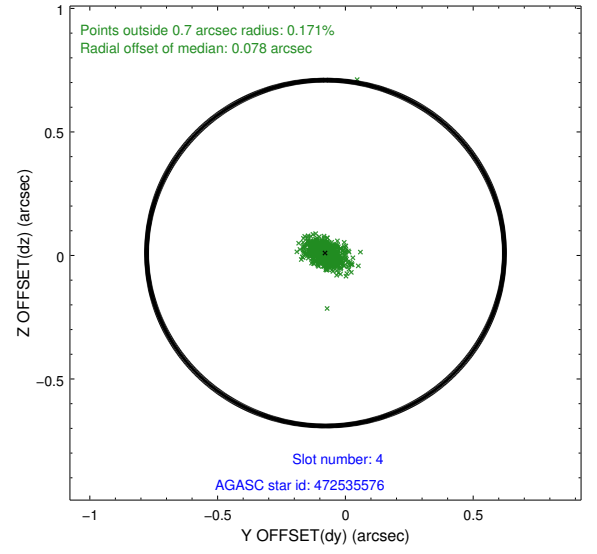
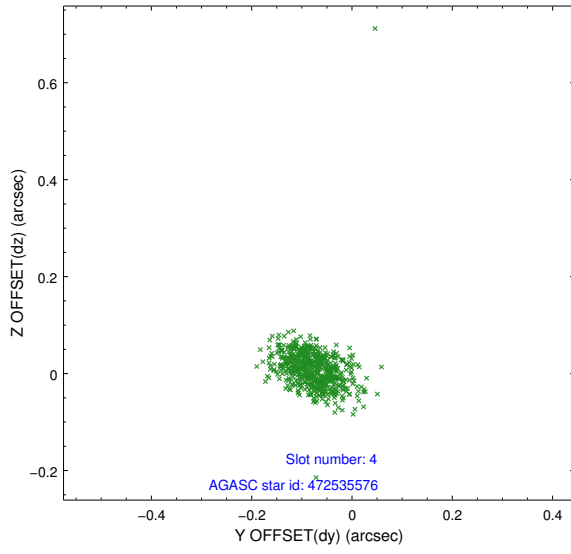
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	293	0.152	-0.085	0.007	0.011	0.000000	0.000000	-1157.77	-456.20
1	FID	HRC-S-2	6.99	293	0.076	-0.087	0.004	0.009	0.000000	0.000000	1237.88	-450.37
2	FID	HRC-S-3	7.00	293	0.163	-0.131	0.006	0.012	0.000000	0.000000	-1156.27	571.75
3	GUIDE	472525528	6.64	586	-0.013	-0.040	0.074	0.137	331.551102	45.248694	-289.67	-2194.14
4	GUIDE	472535576	7.85	586	-0.078	0.010	0.055	0.092	331.438373	46.291802	-2039.41	1137.19
5	GUIDE	472536328	8.13	586	-0.039	0.047	0.064	0.102	331.496671	46.454831	-2141.99	1739.19
6	GUIDE	472659832	9.46	586	0.073	0.037	0.107	0.176	332.780399	46.098139	1298.75	1855.96
7	GUIDE	472654568	9.43	580	0.052	-0.050	0.110	0.181	332.194449	45.063576	1476.02	-2146.74

2.4 Star Slots

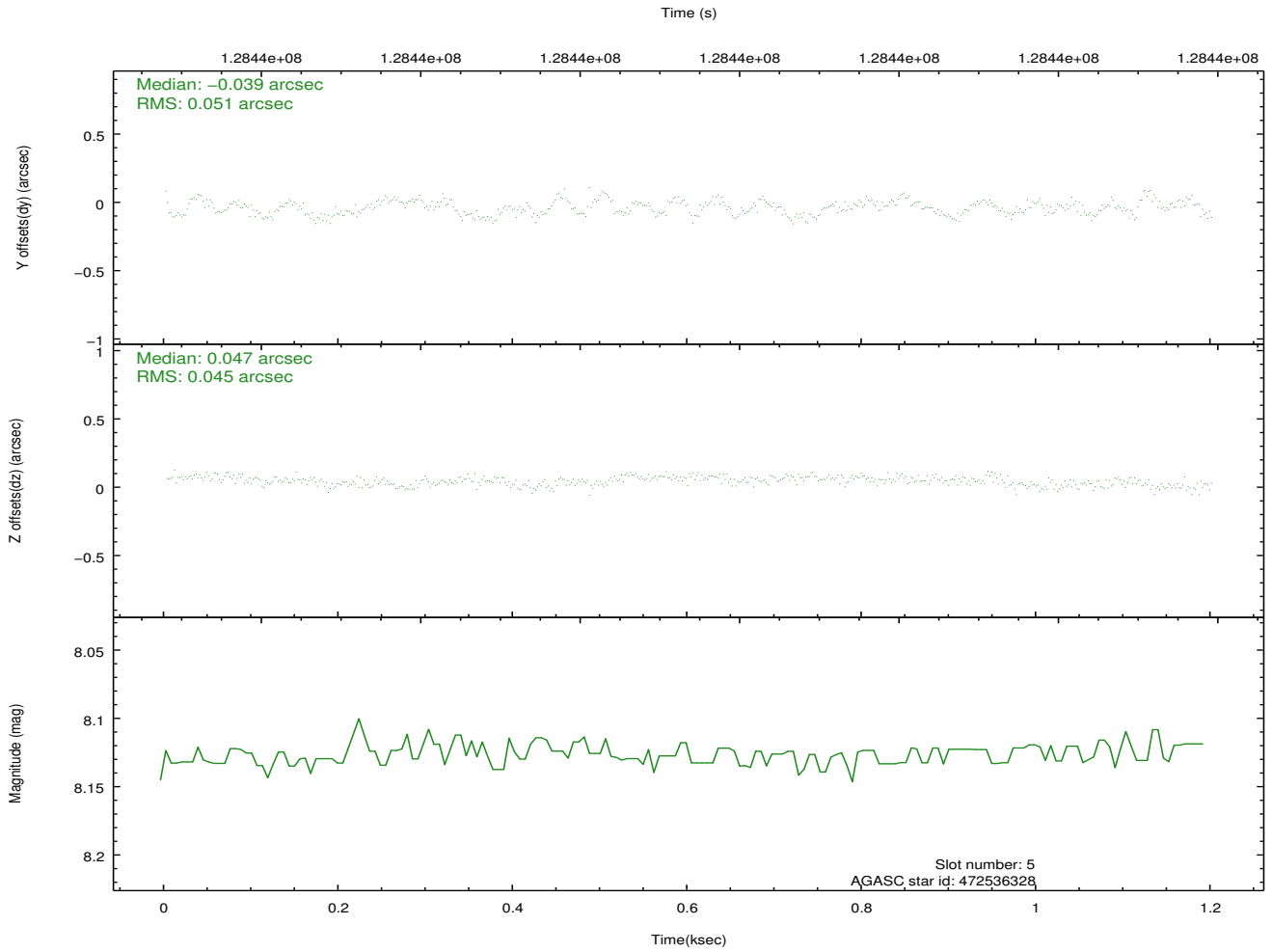
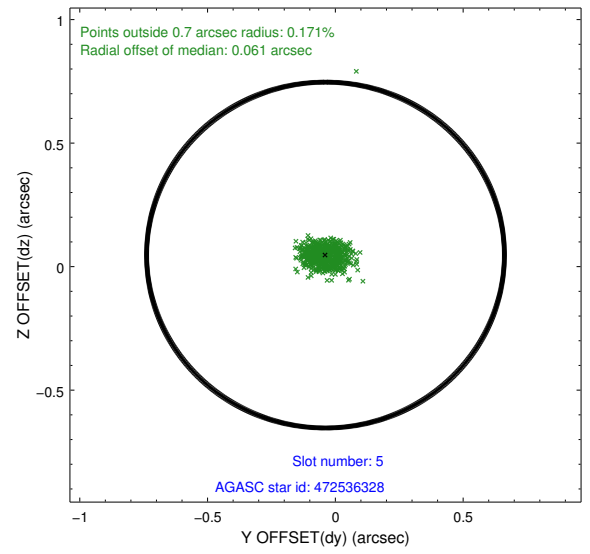
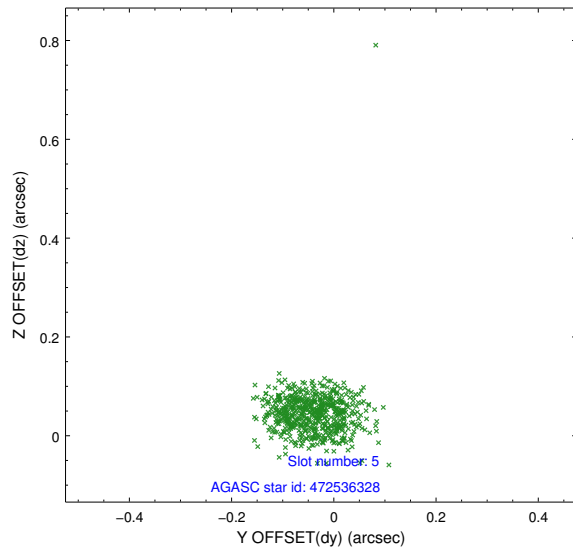
2.4.1 Slot 3



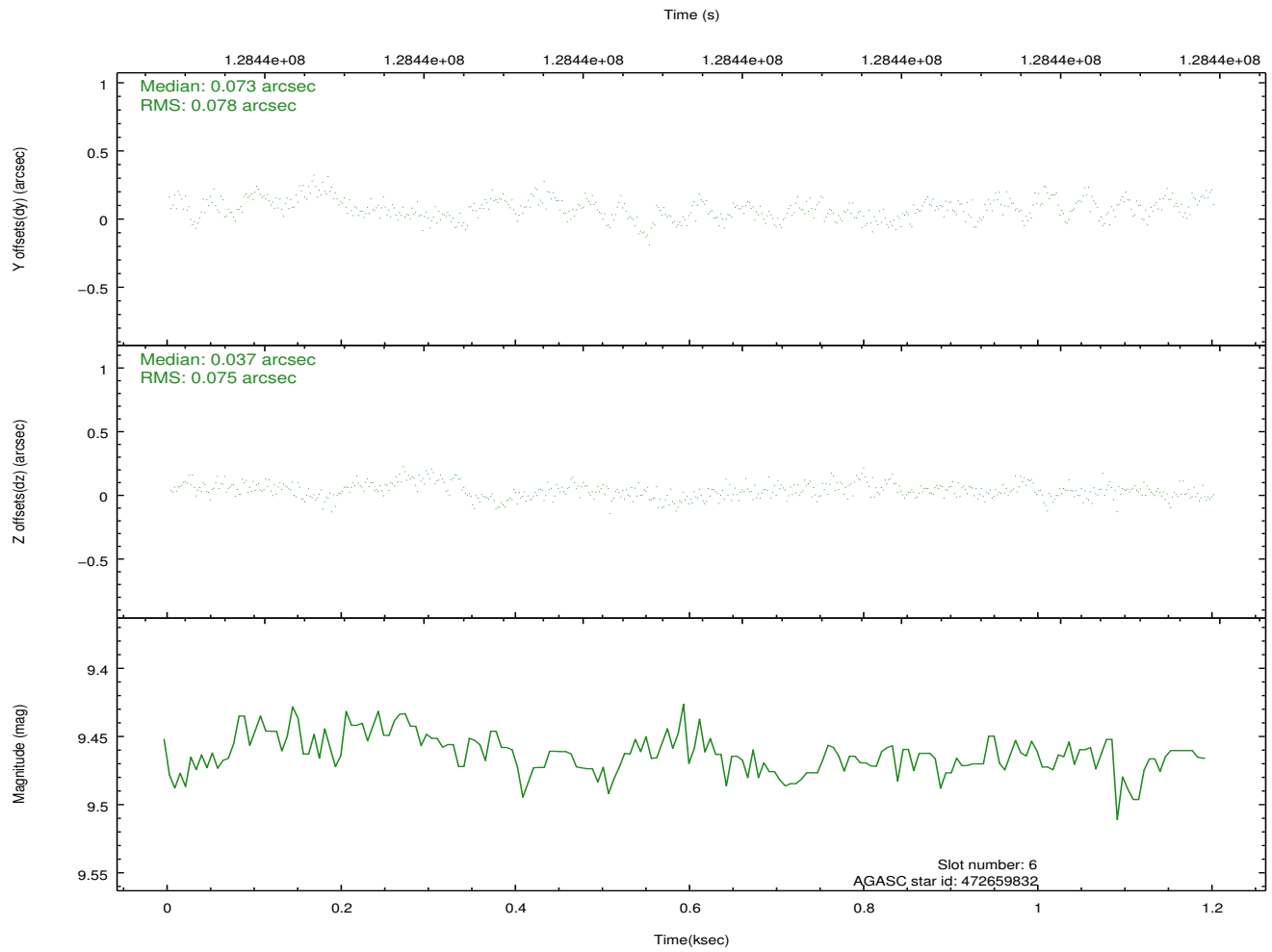
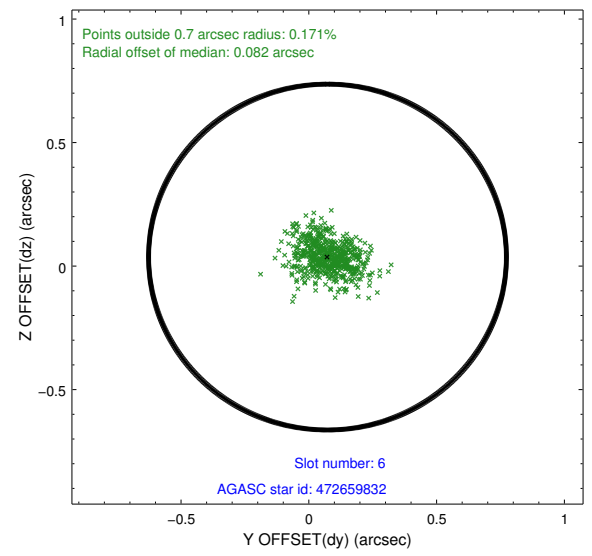
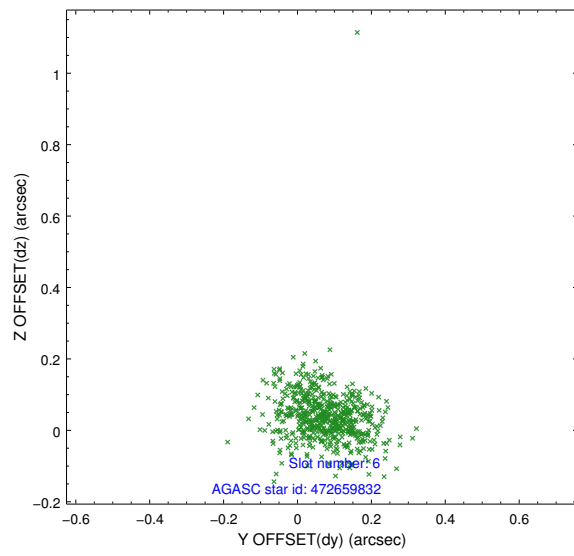
2.4.2 Slot 4



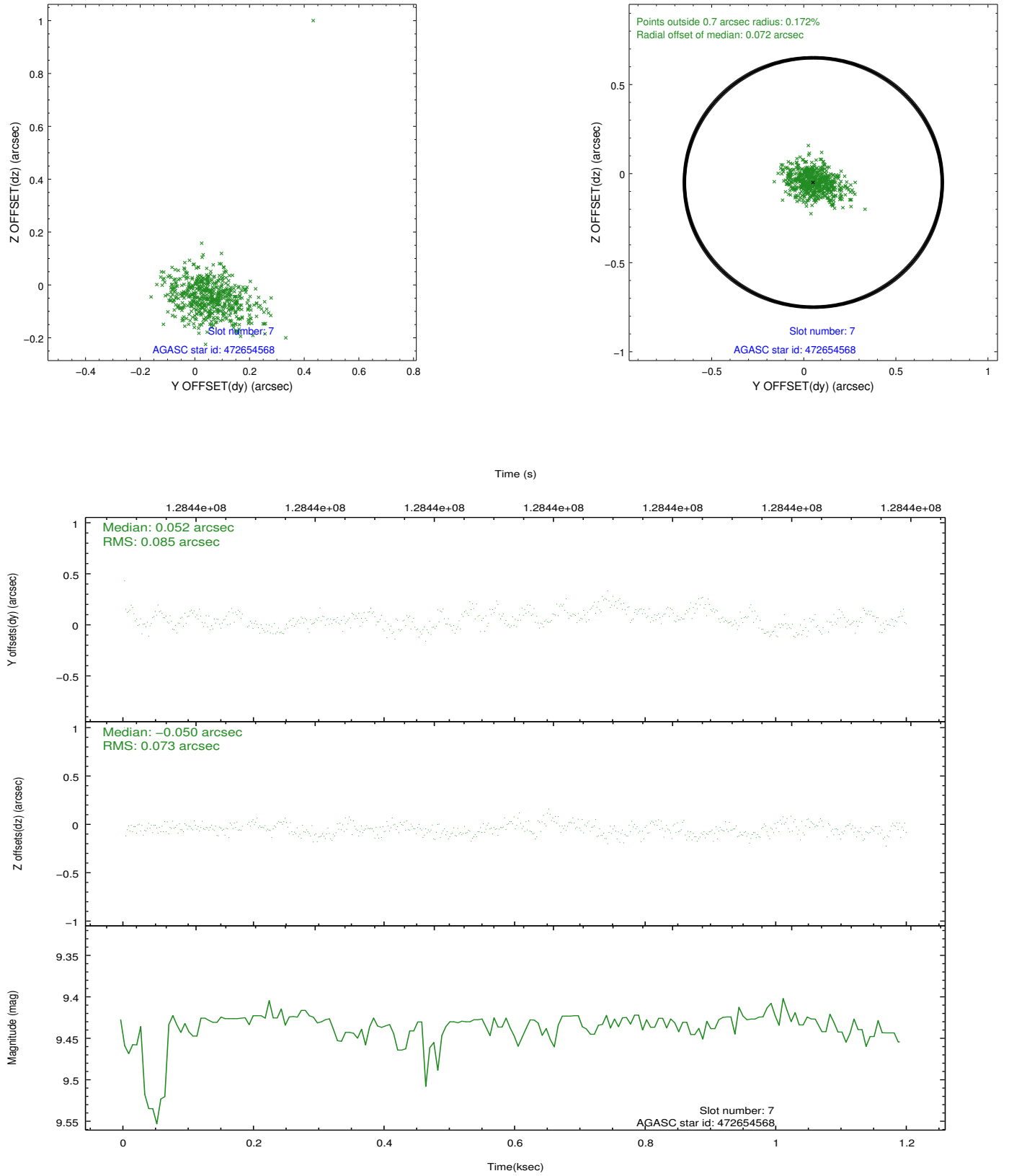
2.4.3 Slot 5



2.4.4 Slot 6

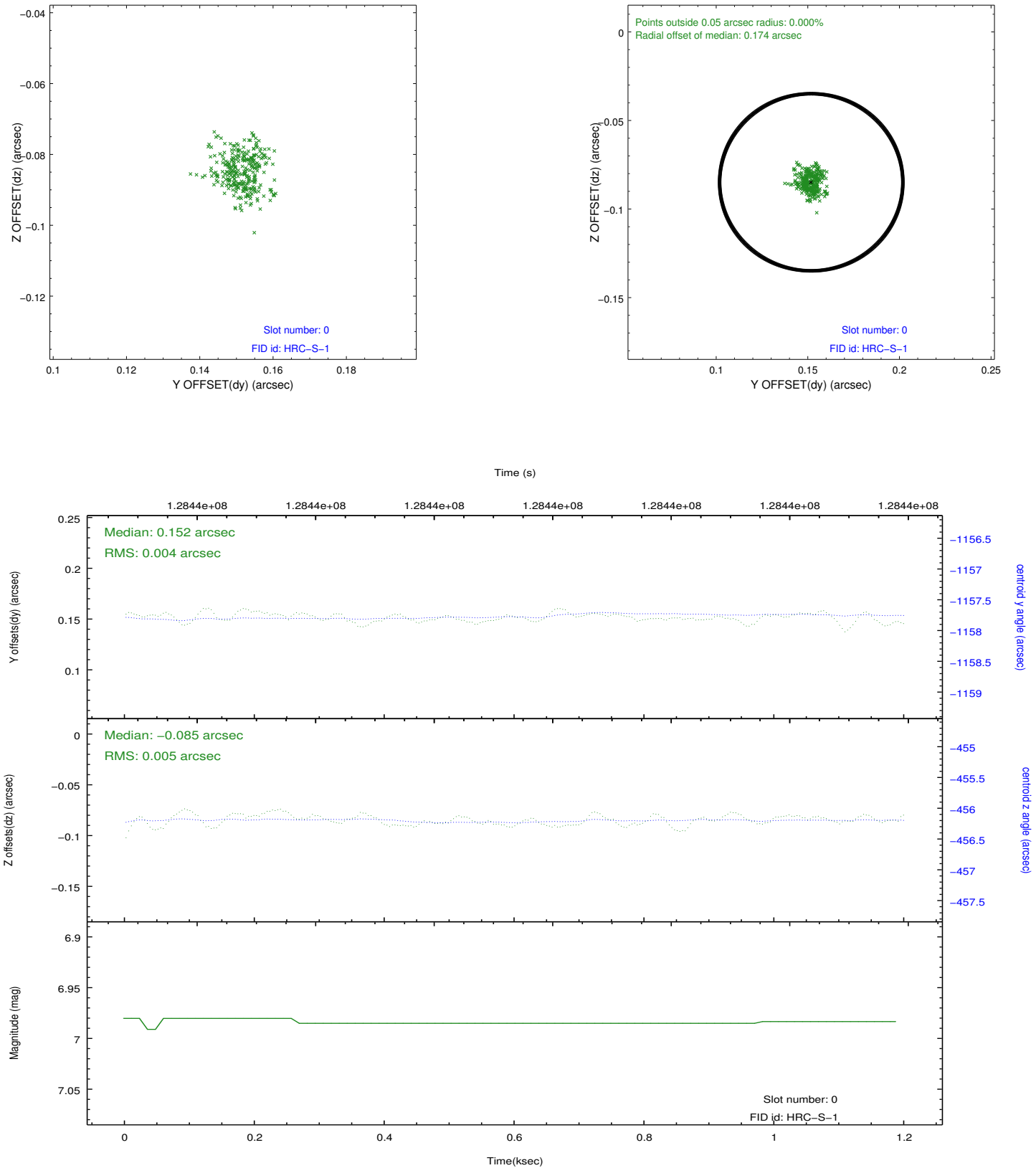


2.4.5 Slot 7

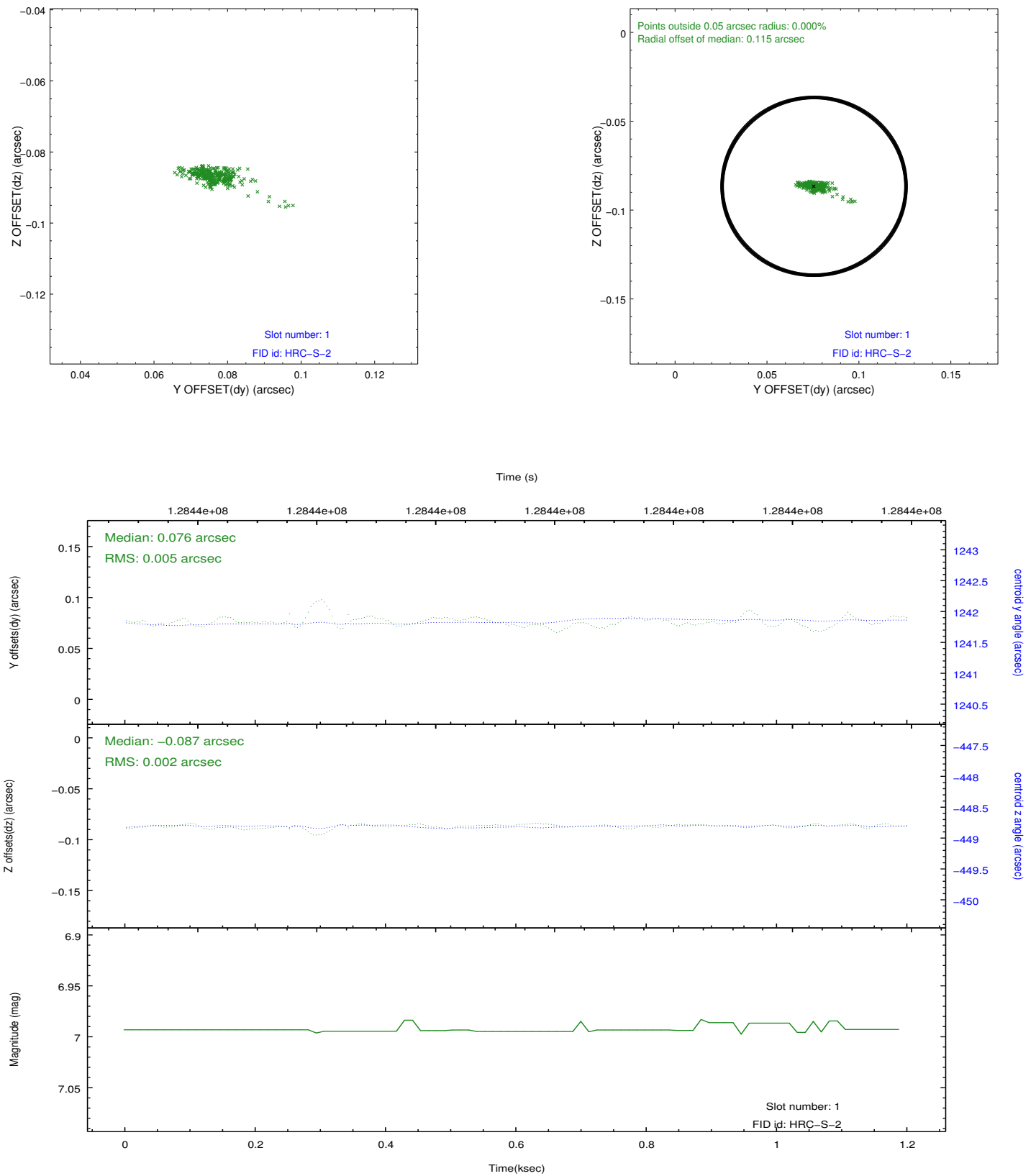


2.5 FID Slots

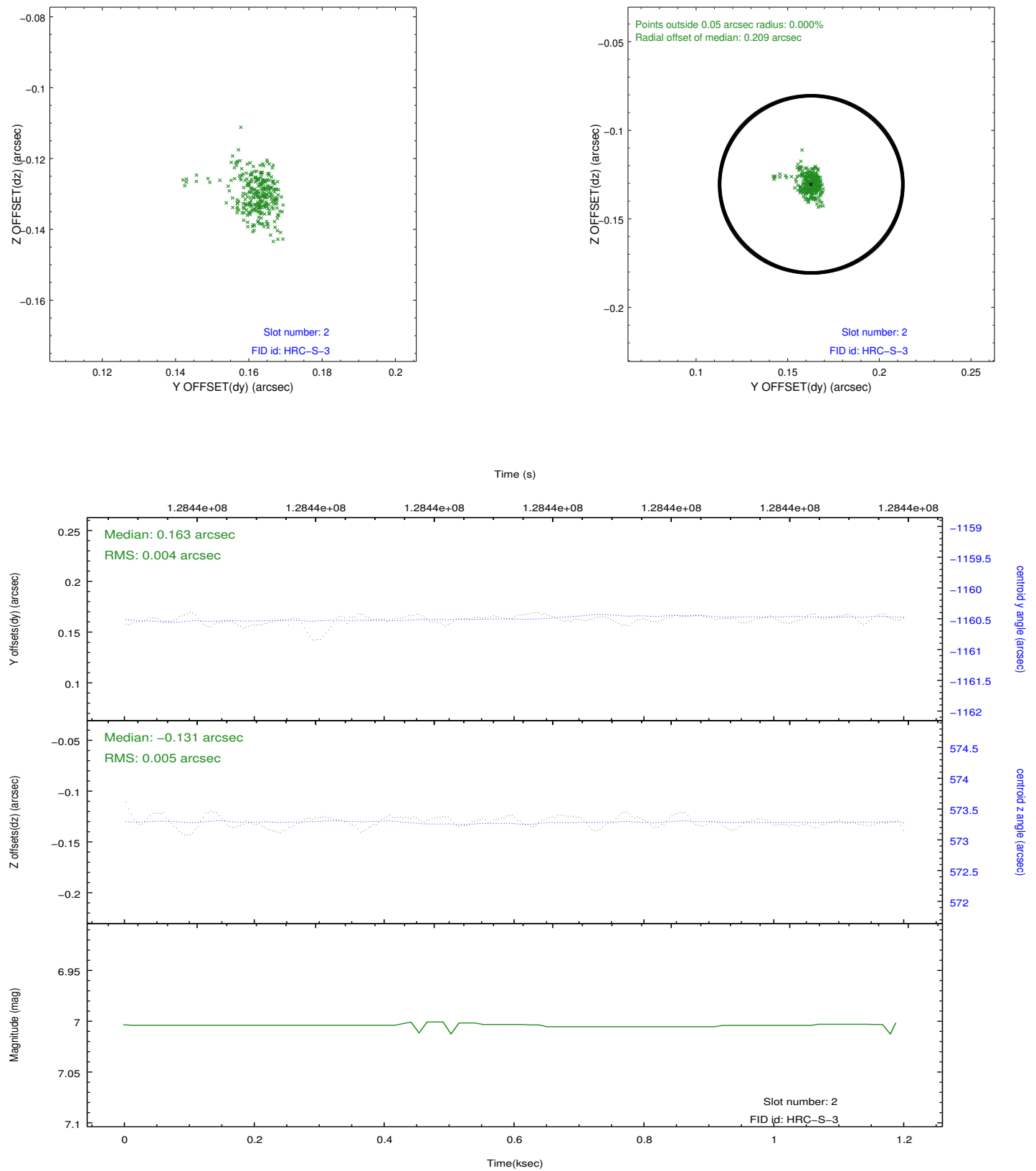
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.198

A.2 Comments

Charge time for this observation remains at previous value of 1.198 ksec.