

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2628 - L2 Version 3
Chandra X-Ray Center

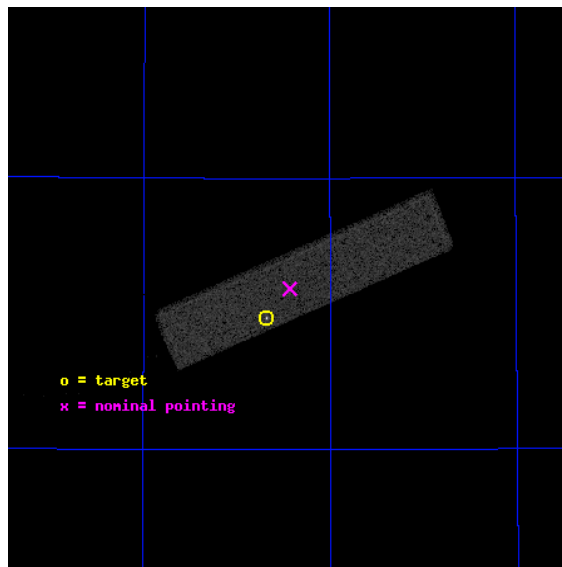
L2 Processing Date : Oct 1 2012

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1 Front

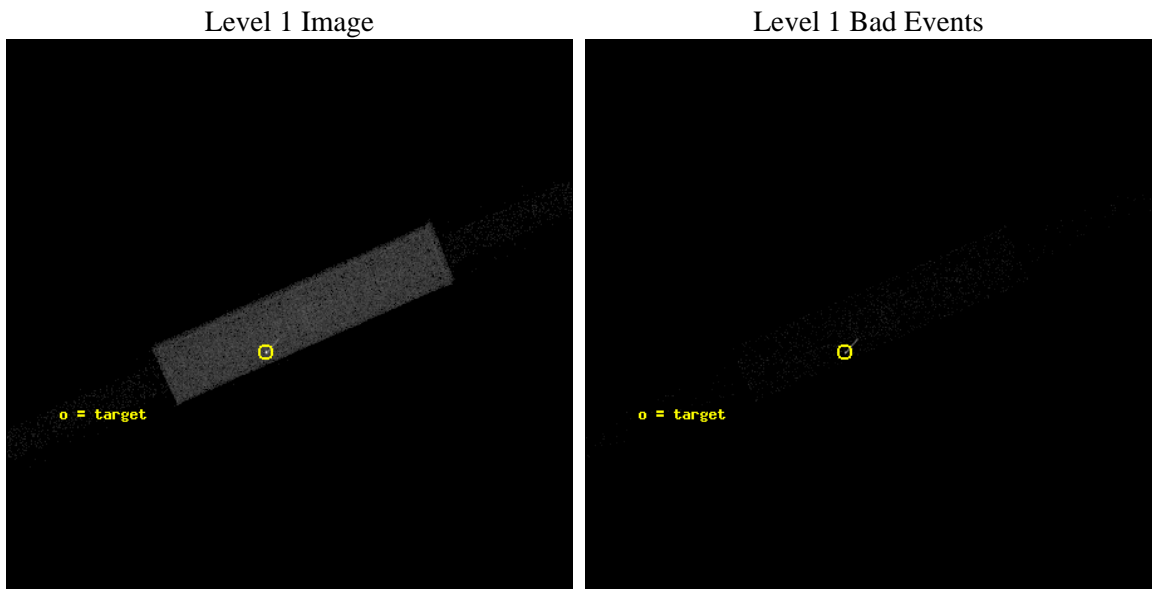
seq_num	290184	Sequence number
obs_id	2628	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1078904208	Nominal RA [deg]
dec_nom	45.796491472764	Nominal Dec [deg]
roll_nom	336.29067263116	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1145.18129614	[s]
livetime	1138.8984078483	Ontime multiplied by DTCOR
l2events	42988	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	1145.18129614	[s]
caldbver	4.5.2	 	l1events	70838	Number of level 1 events
date	2012-10-01T03:02:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

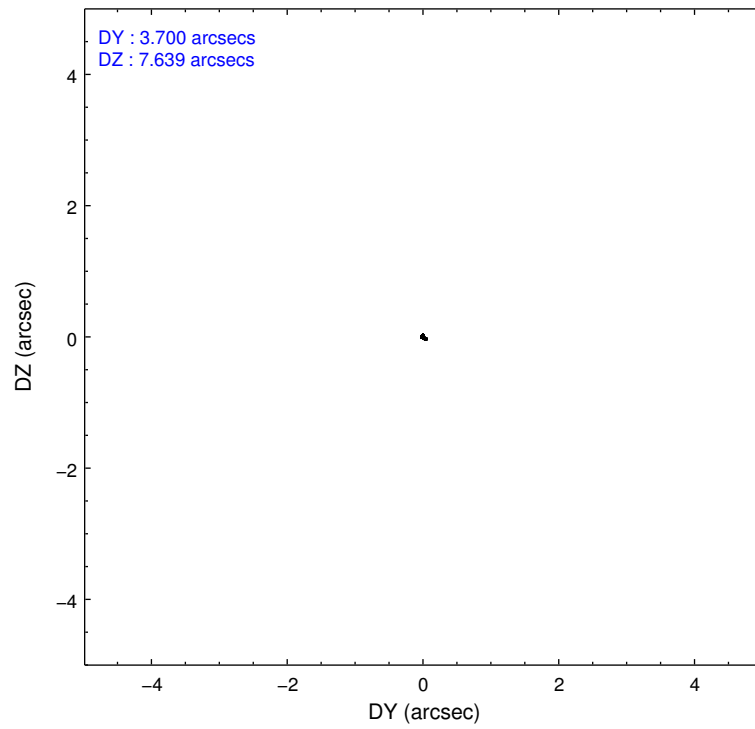
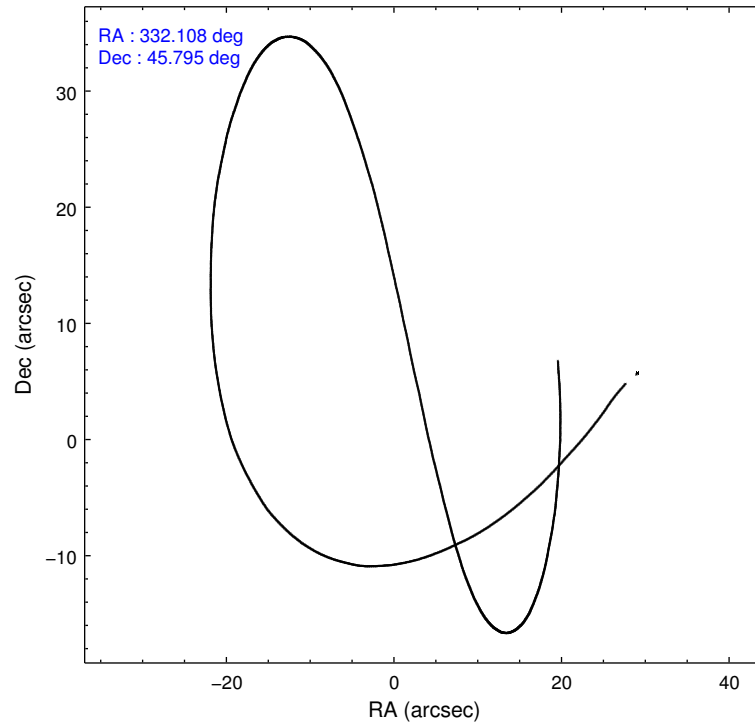
Level 1 Events

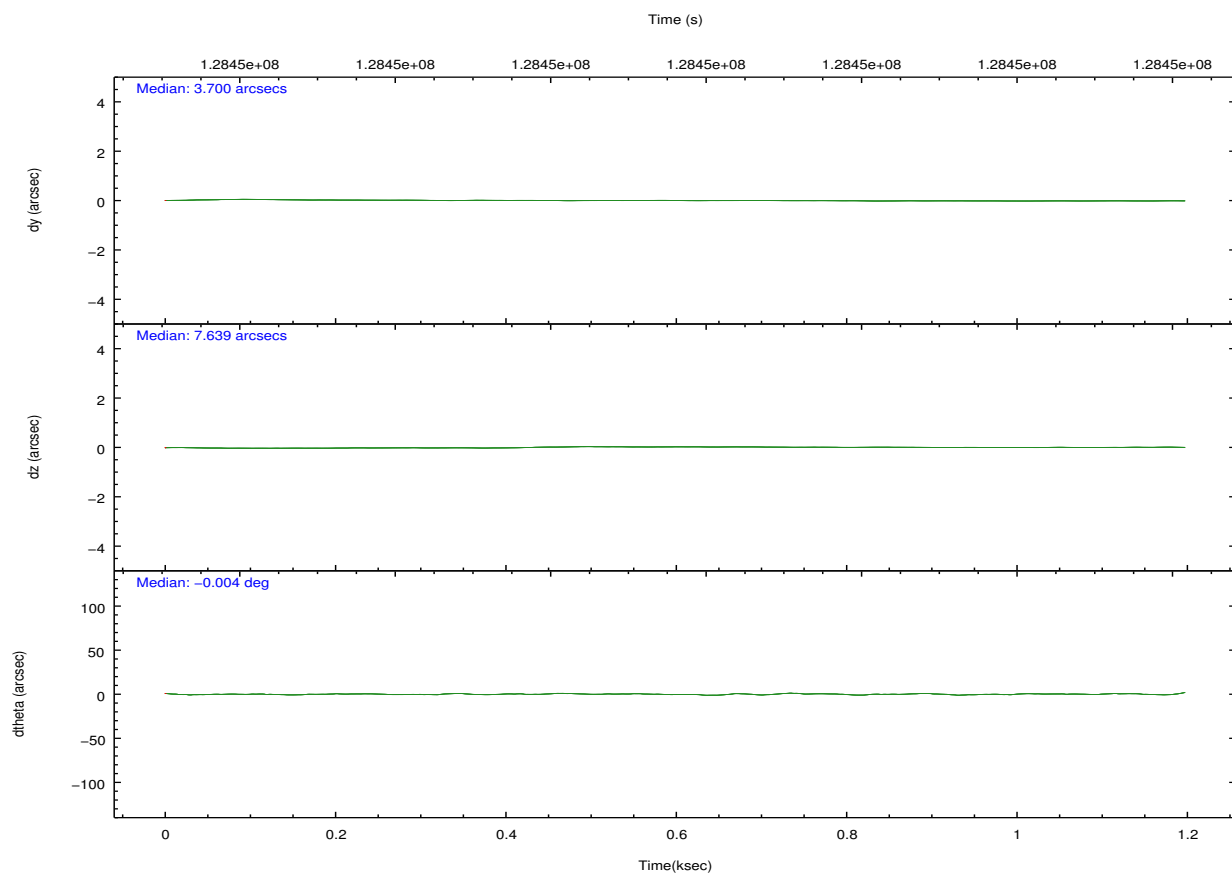
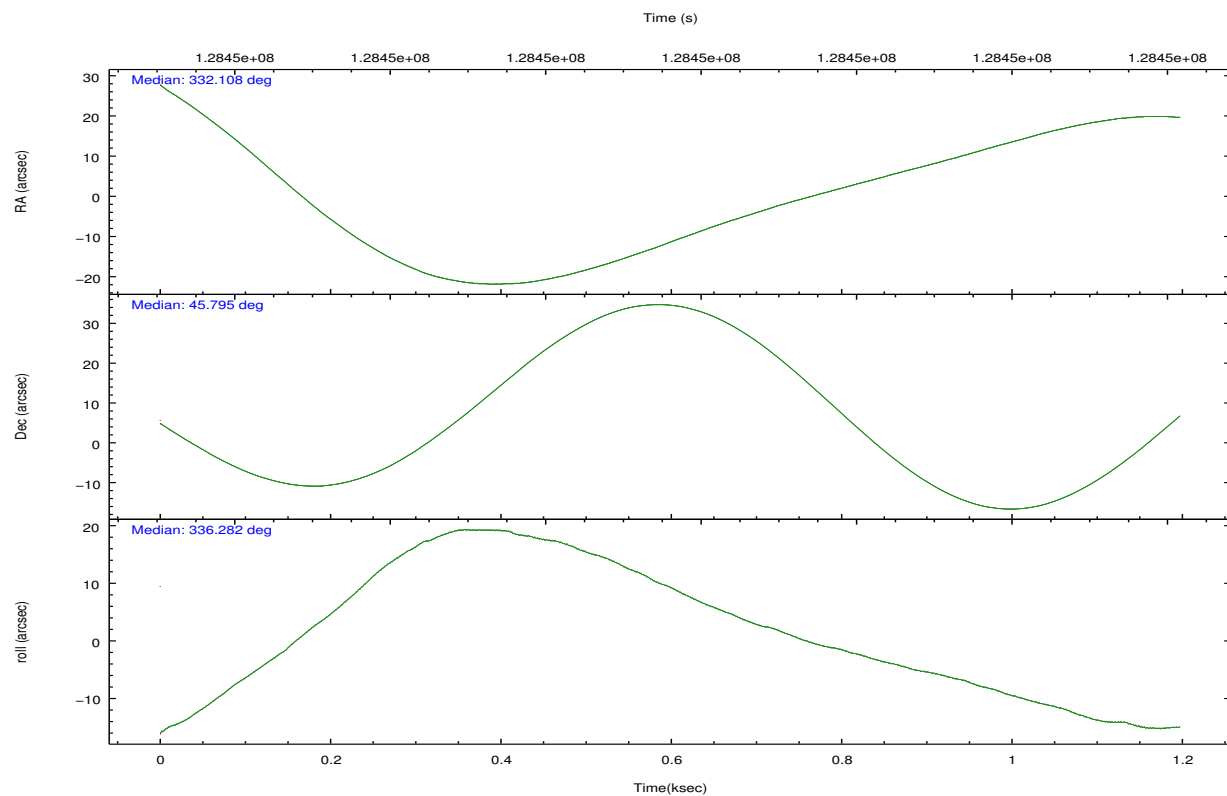
	segment 1	segment 2	segment 3
level 1 events	1213	68474	1151
rejected events	1211	15372	1127
rejected %	99%	22%	97%

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	332.067406	332.1078904207986			
[deg] Pointing Dec	45.793159	45.79649147276411			
[deg] Pointing Roll	336.252350	336.2906726311591			
[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)	128446557.184000	128446181.17598			
Observation start date	2002-01-26T15:34:53	2002-01-26T15:29:41			
[s] Observation end time (MET)	128447557.184000	128447691.00104			
Observation end date	2002-01-26T15:51:33	2002-01-26T15:54:51			

2.3 Aspect



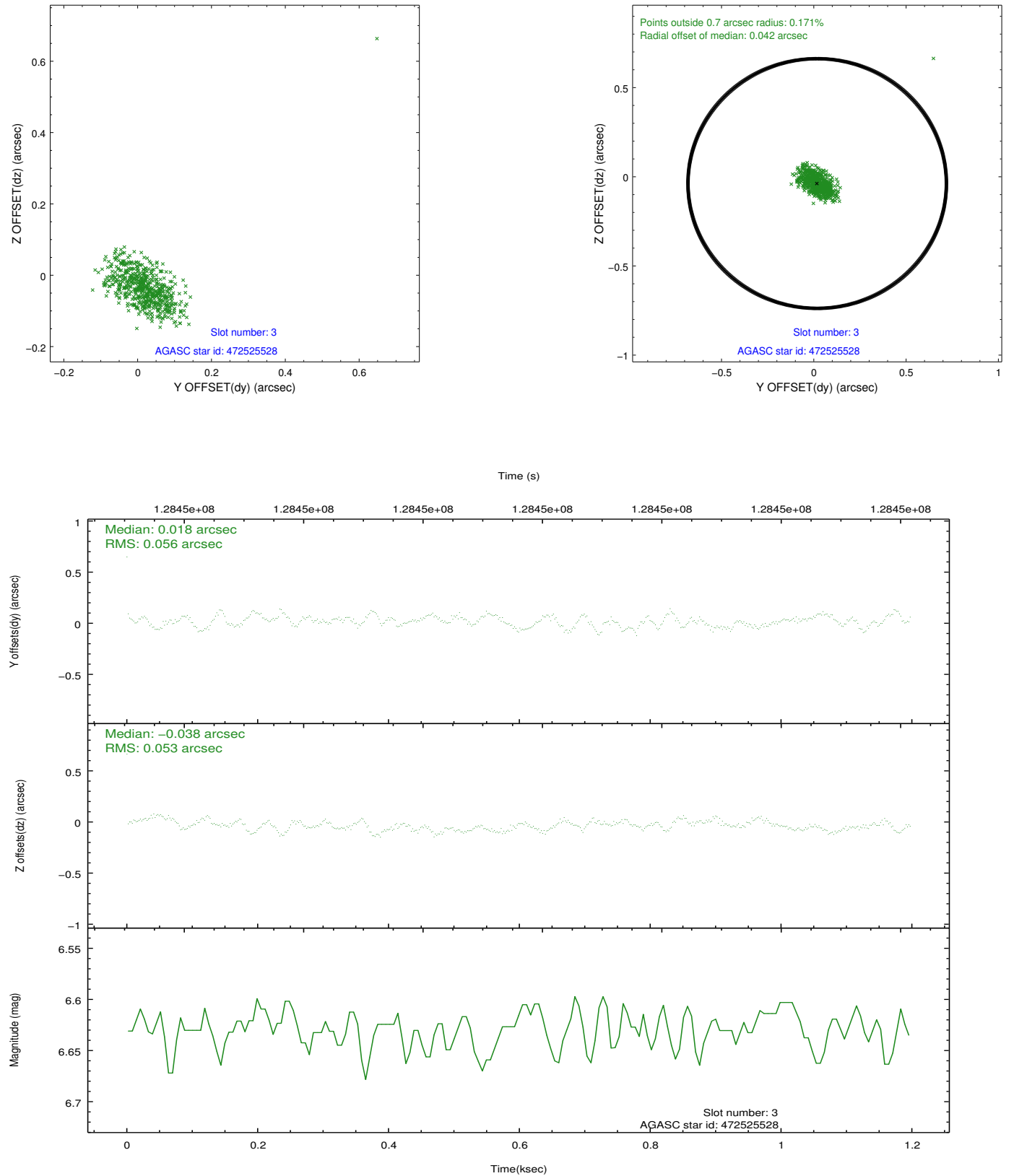


Slot Statistics

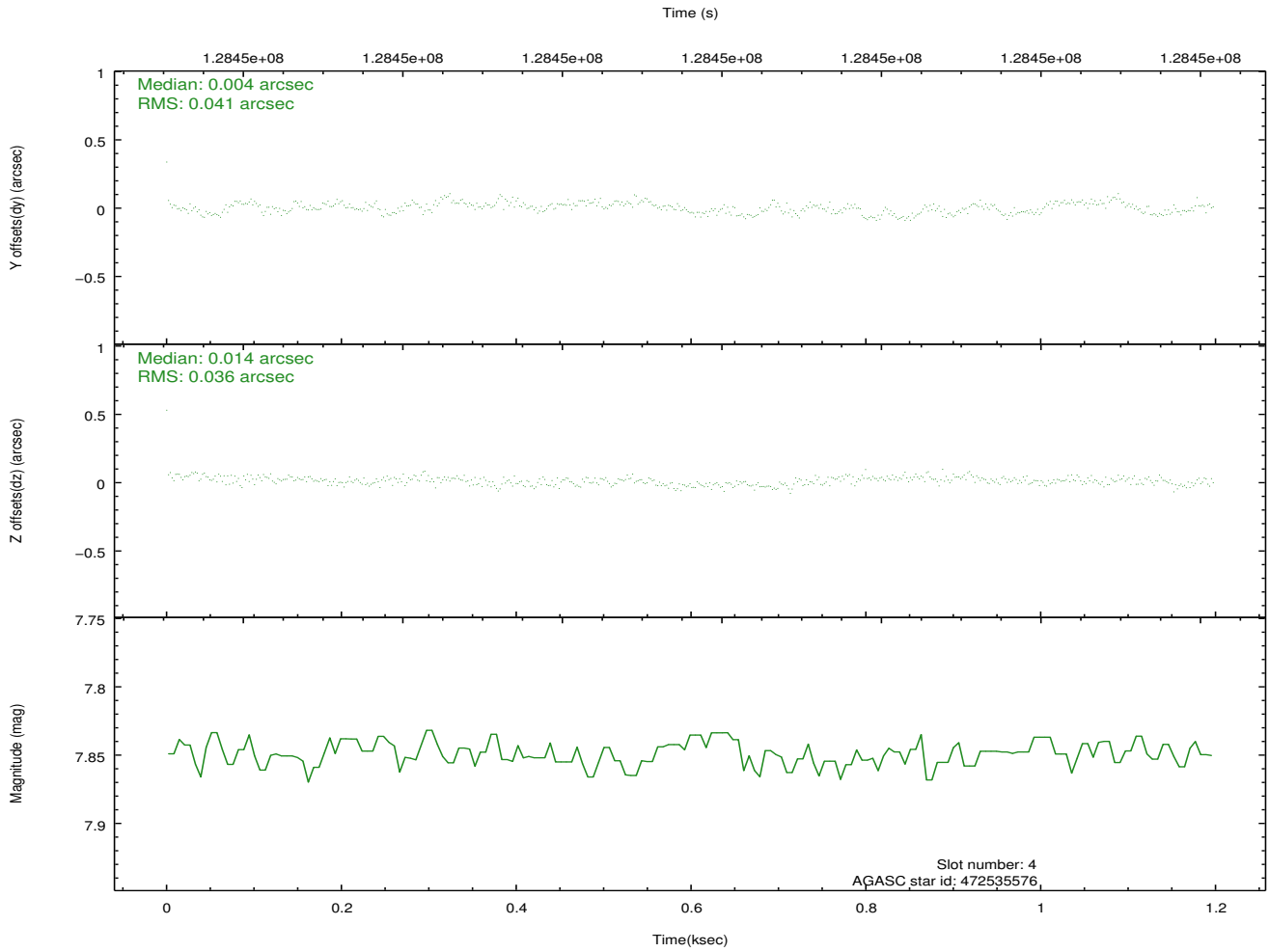
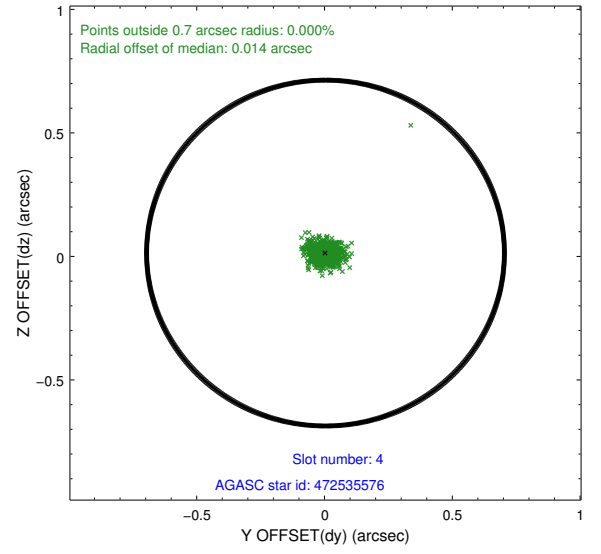
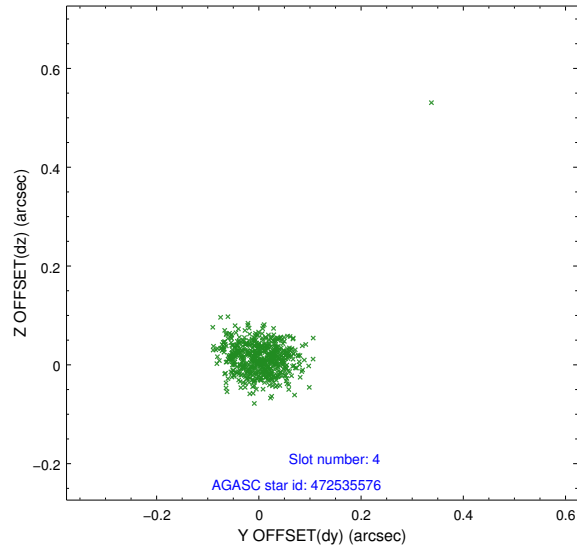
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	293	0.154	-0.085	0.006	0.011	0.000000	0.000000	-1157.73	-456.18
1	FID	HRC-S-2	6.99	293	0.076	-0.087	0.004	0.008	0.000000	0.000000	1237.92	-450.35
2	FID	HRC-S-3	7.01	293	0.161	-0.130	0.006	0.011	0.000000	0.000000	-1156.23	571.77
3	GUIDE	472525528	6.63	585	0.018	-0.038	0.072	0.117	331.551102	45.248694	-412.47	-2313.48
4	GUIDE	472535576	7.85	585	0.004	0.014	0.052	0.083	331.438373	46.291802	-2161.18	1018.27
5	GUIDE	472536328	8.12	585	-0.012	0.098	0.061	0.100	331.496671	46.454831	-2263.61	1620.36
6	GUIDE	472665256	9.01	583	-0.063	-0.031	0.091	0.138	332.808125	46.195041	1096.65	2082.19
7	GUIDE	472654568	9.44	584	0.057	-0.044	0.108	0.170	332.194449	45.063576	1352.99	-2266.24

2.4 Star Slots

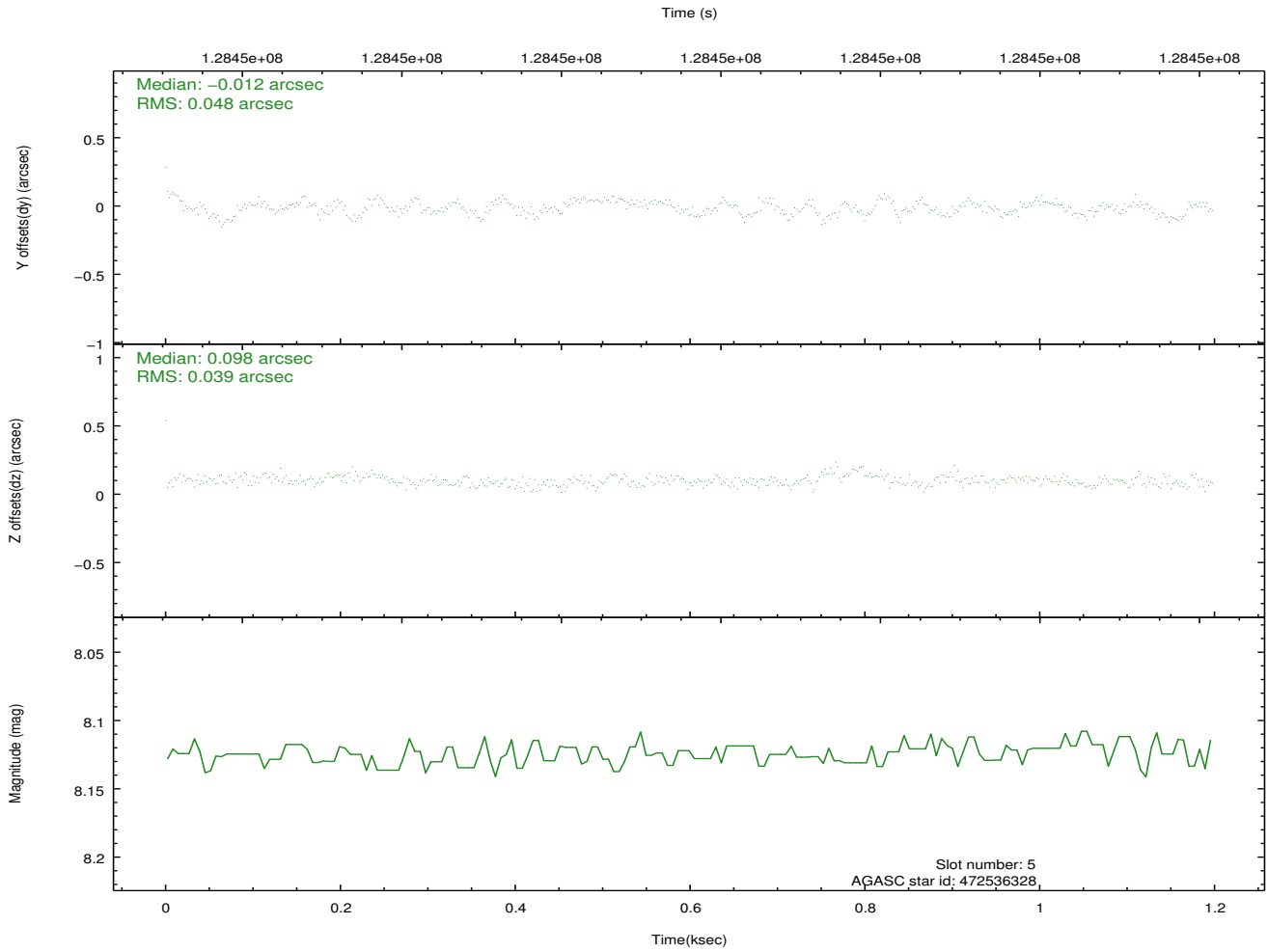
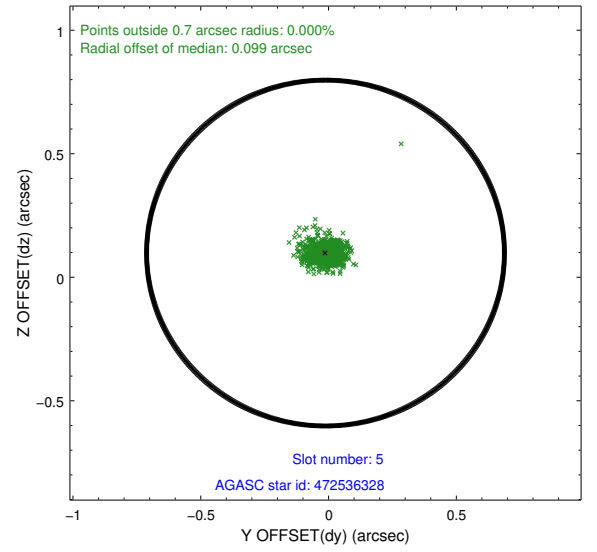
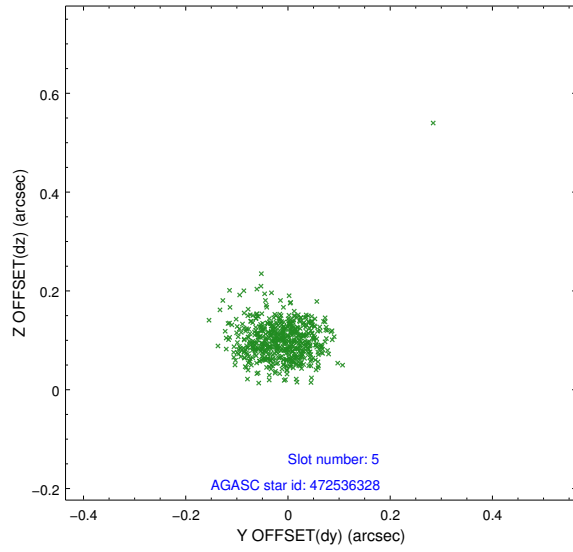
2.4.1 Slot 3



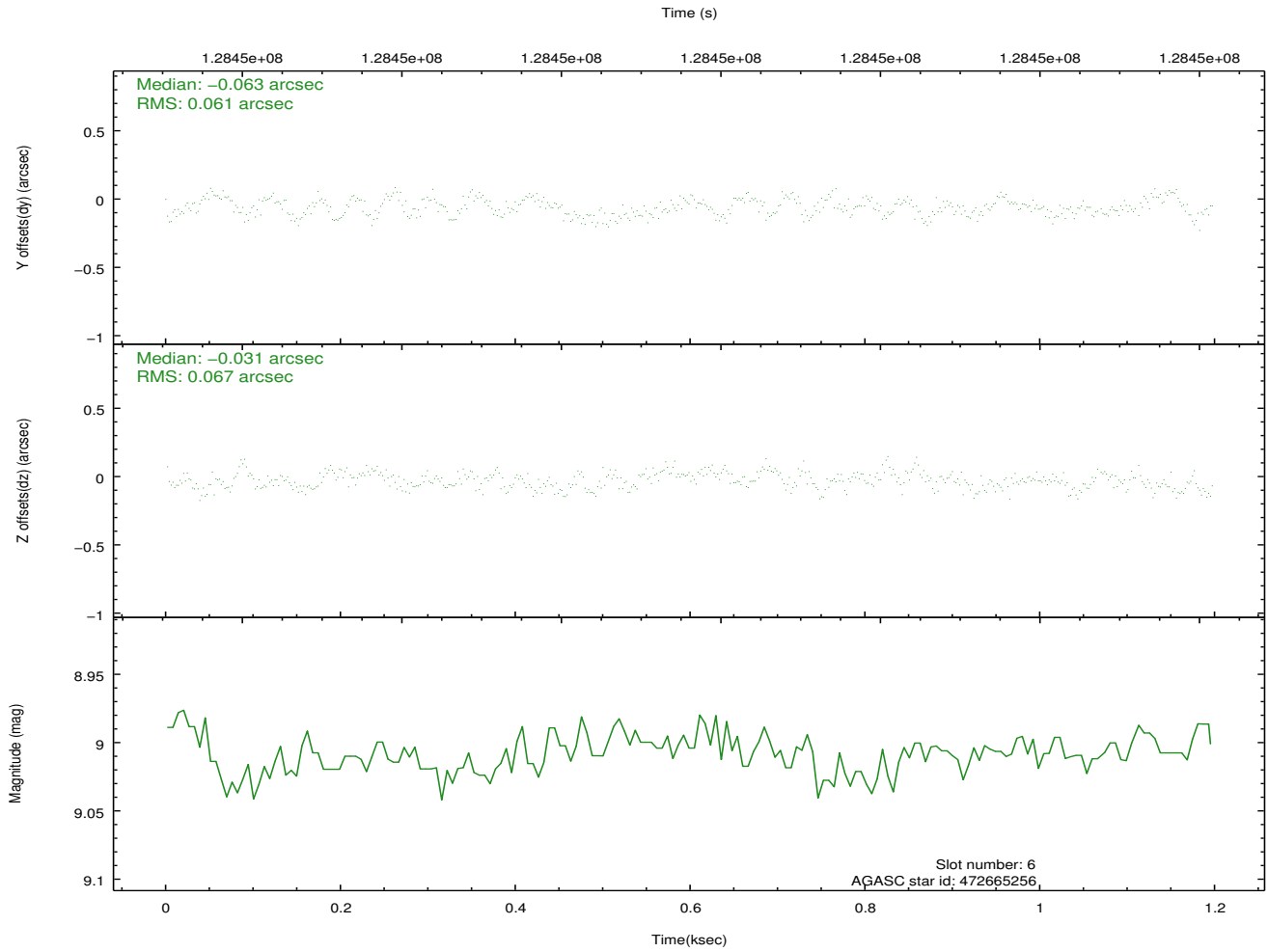
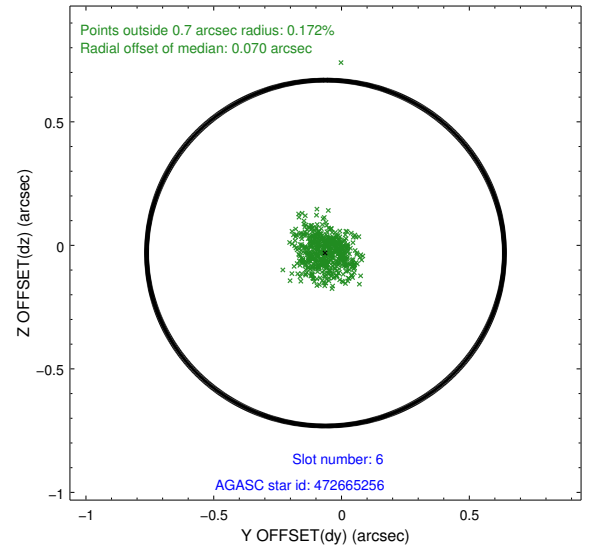
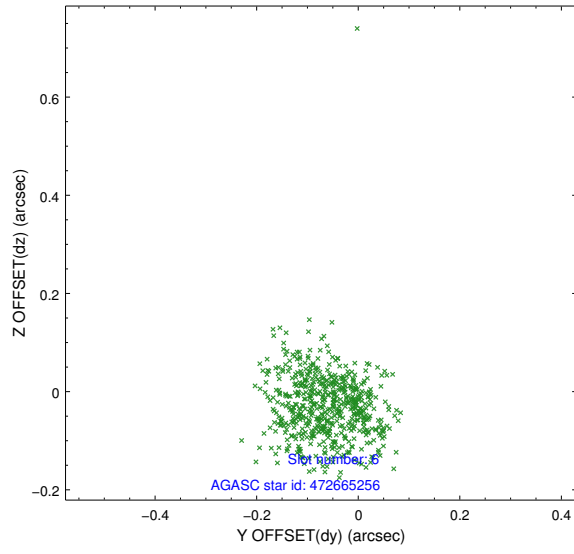
2.4.2 Slot 4



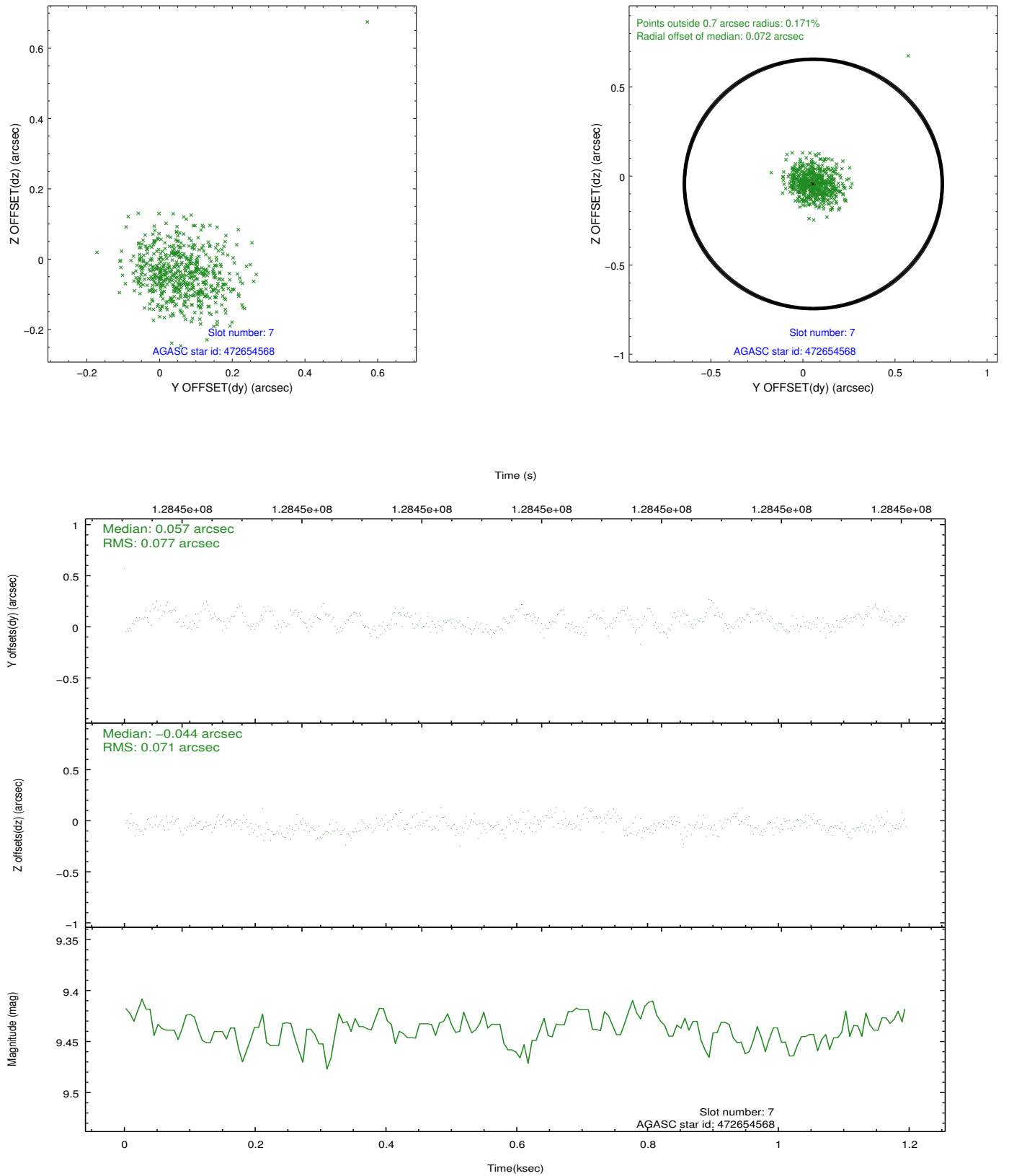
2.4.3 Slot 5



2.4.4 Slot 6

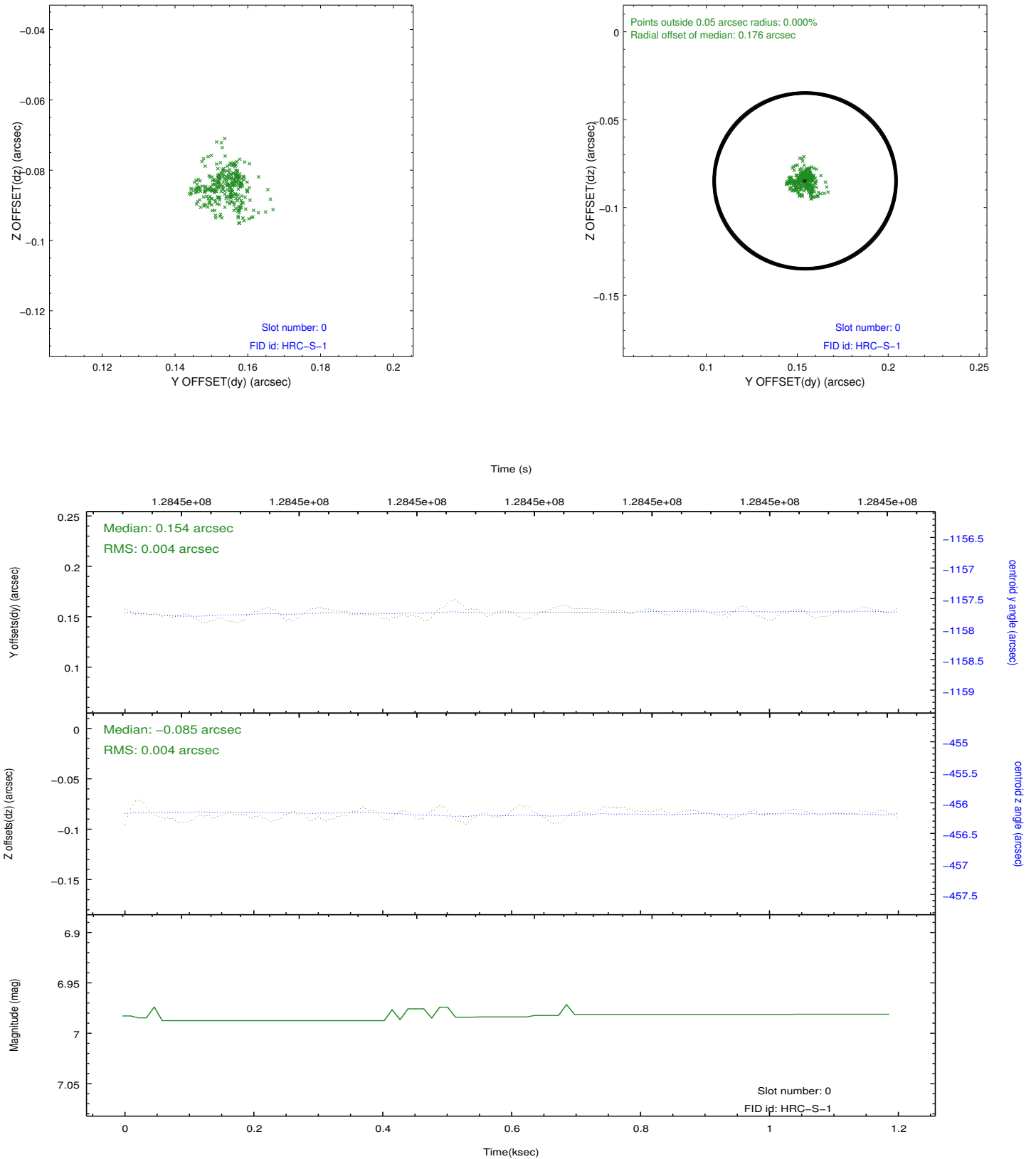


2.4.5 Slot 7

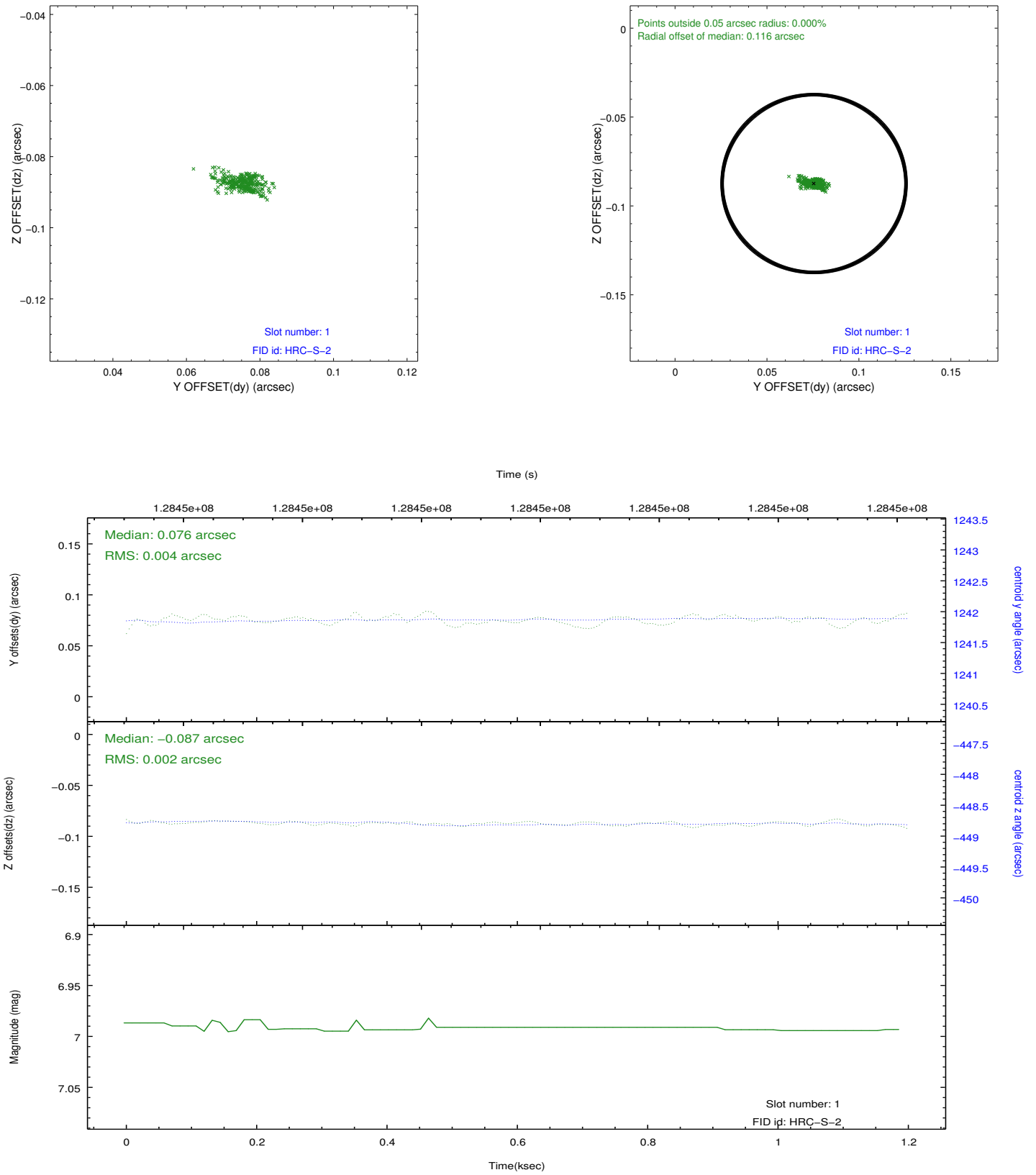


2.5 FID Slots

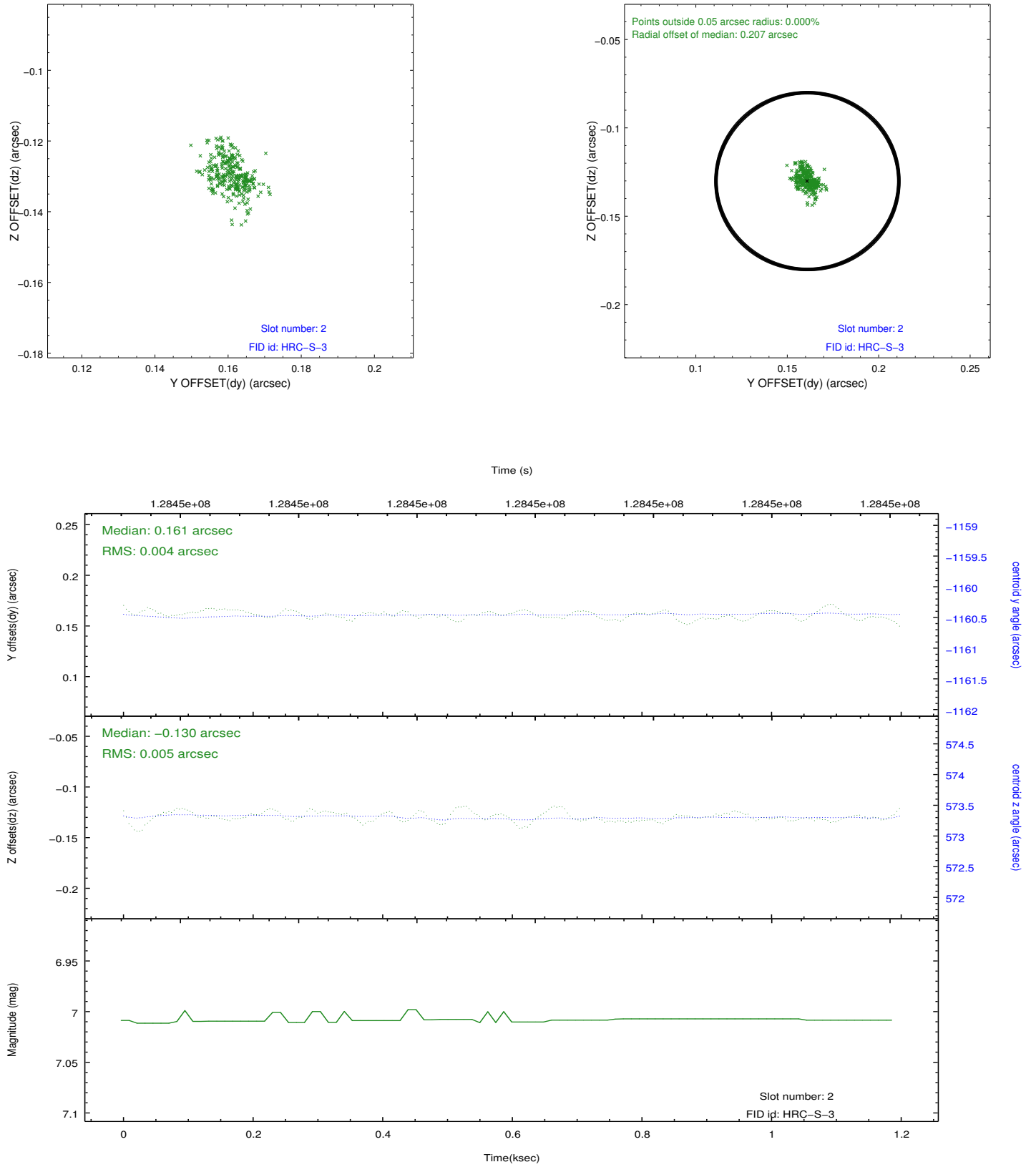
2.5.1 Slot 0



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	1.19

A.2 Comments

Charge time for this observation remains at previous value of 1.19 ksec.