

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12498 - L2 Version 3
Chandra X-Ray Center

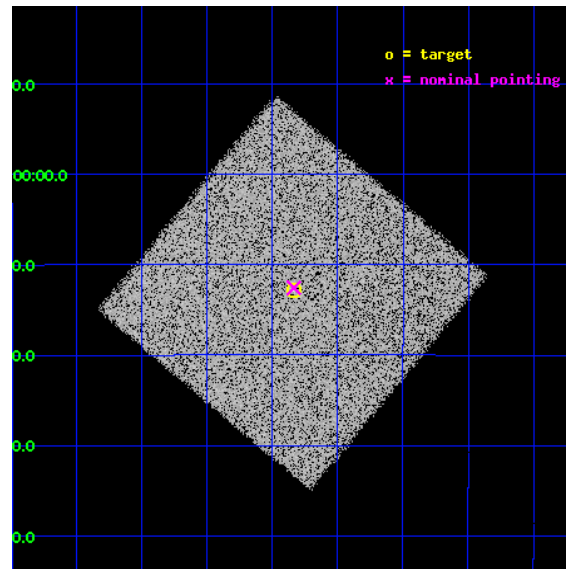
L2 Processing Date : Jul 27 2012

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1 Front

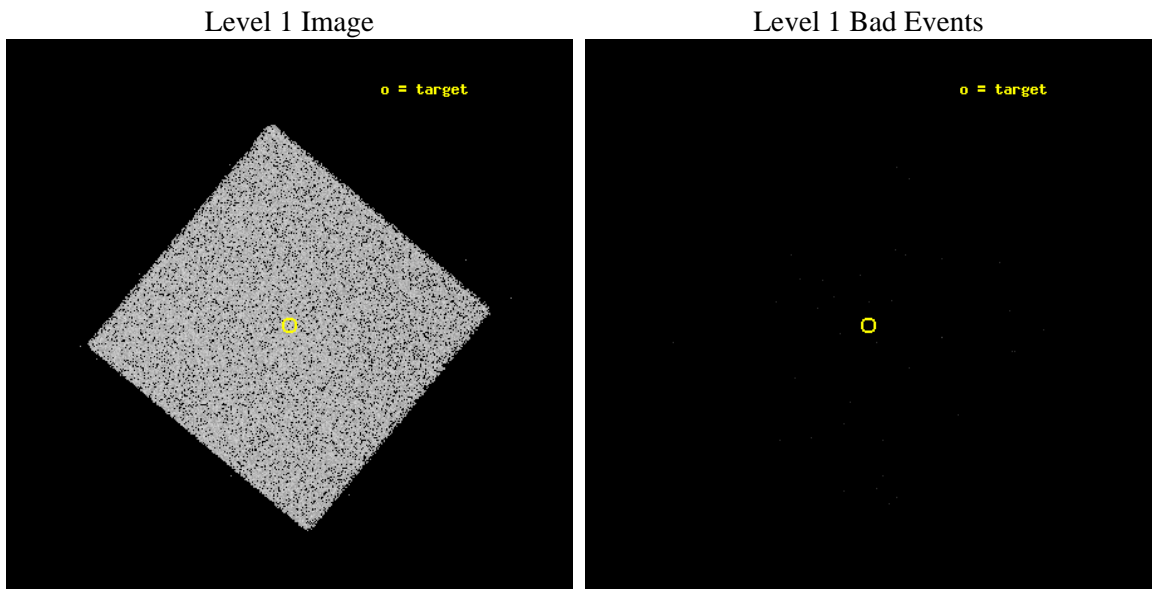
seq_num	401239	Sequence number
obs_id	12498	Observation id
title	PRECISE CHANDRA LOCALIZATION OF FAINT PERSISTENT X-RAY SOURCES NEAR THE GALACTIC PLANE	Proposal title
observer	Dr. Alexander Lutovinov	Principal investigator
object	IGR J18293-1213	Source name
ra_targ	277.332917	Observer's specified target RA [deg]
dec_targ	-12.213	Observer's specified target Dec [deg]
ra_nom	277.33367766633	Nominal RA [deg]
dec_nom	-12.209289297766	Nominal Dec [deg]
roll_nom	84.92474426006	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1182.0813111663	[s]
livetime	1169.9929552261	Ontime multiplied by DTCOR
l2events	82277	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1182.0813111663	[s]
caldbver	4.5.1	 	l1events	142575	Number of level 1 events
date	2012-07-27T20:13:37	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

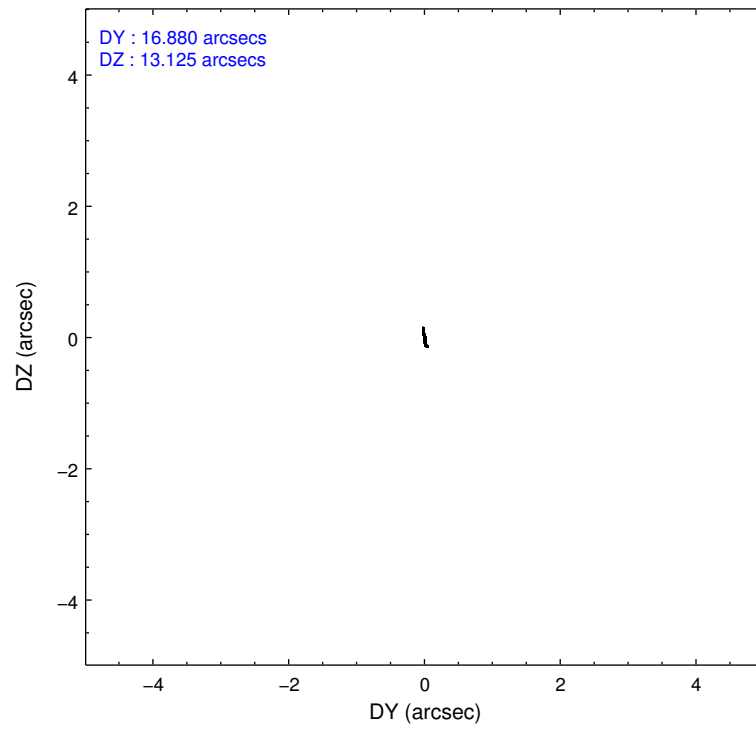
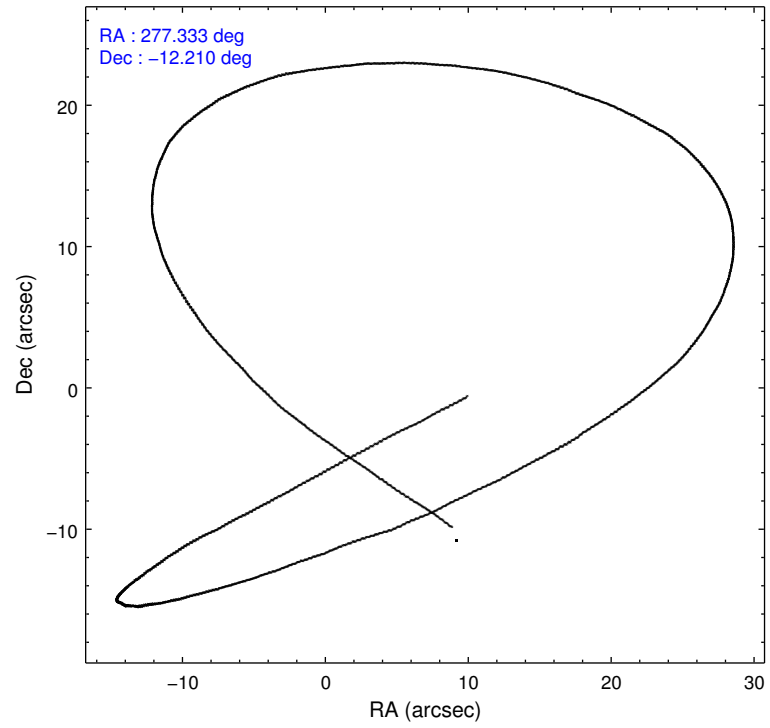
Level 1 Events

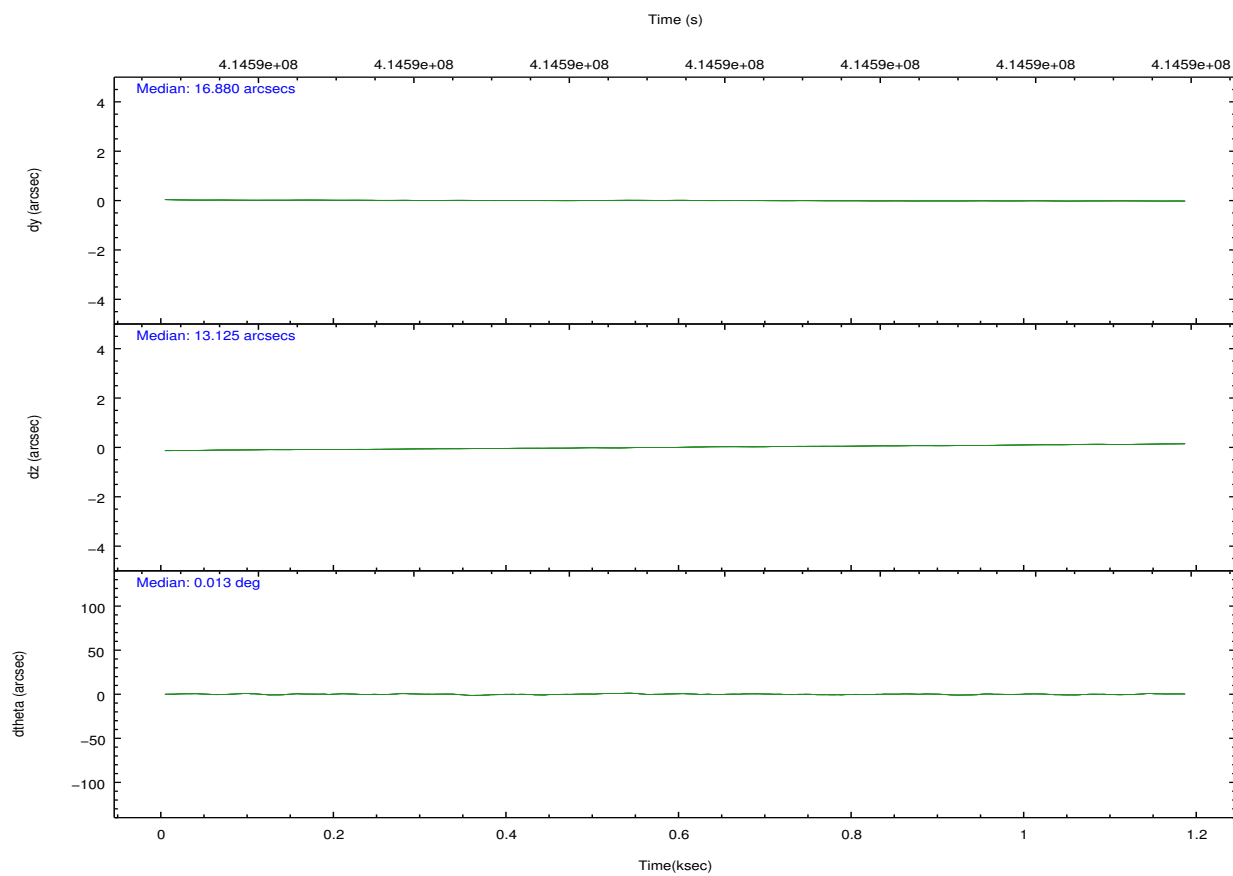
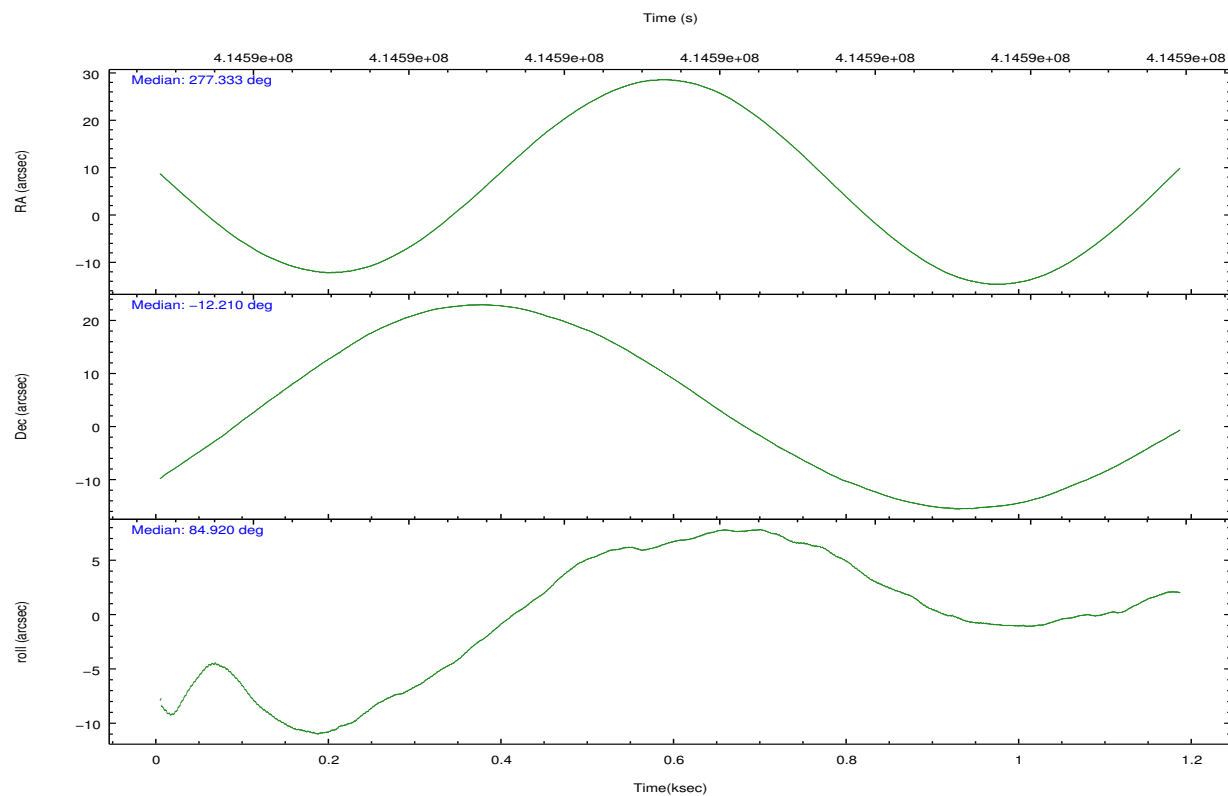
	segment 0
level 1 events	142575
rejected events	26547
rejected %	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	277.347168	277.3336776663311			
[deg] Pointing Dec	-12.233620	-12.2092892977656			
[deg] Pointing Roll	85.023155	84.92474426005987			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	414593531.184000	414593096.01087			
Observation start date	2011-02-20T12:51:05	2011-02-20T12:44:56			
[s] Observation end time (MET)	414594531.184000	414594759.07346			
Observation end date	2011-02-20T13:07:45	2011-02-20T13:12:39			

2.3 Aspect



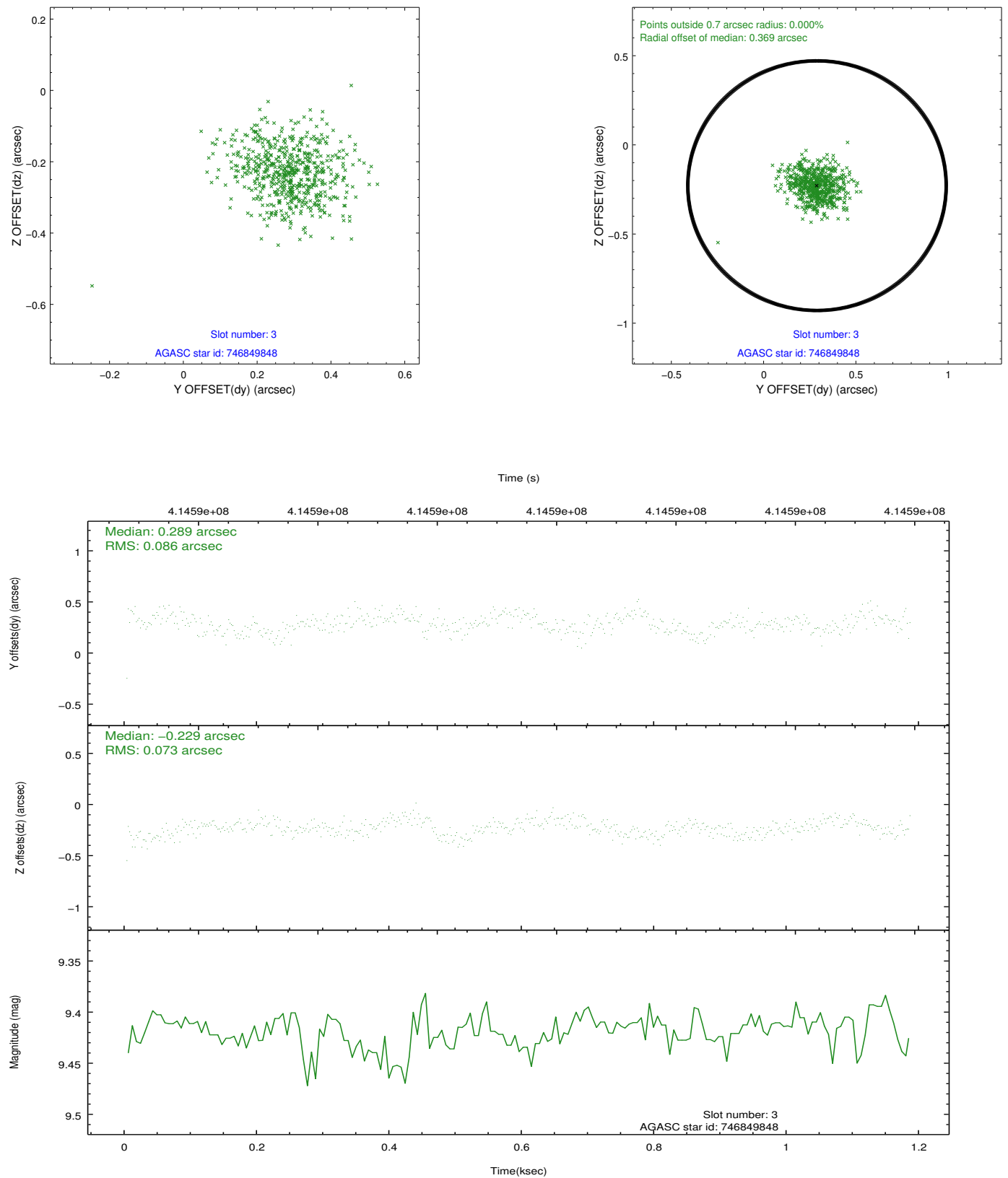


Slot Statistics

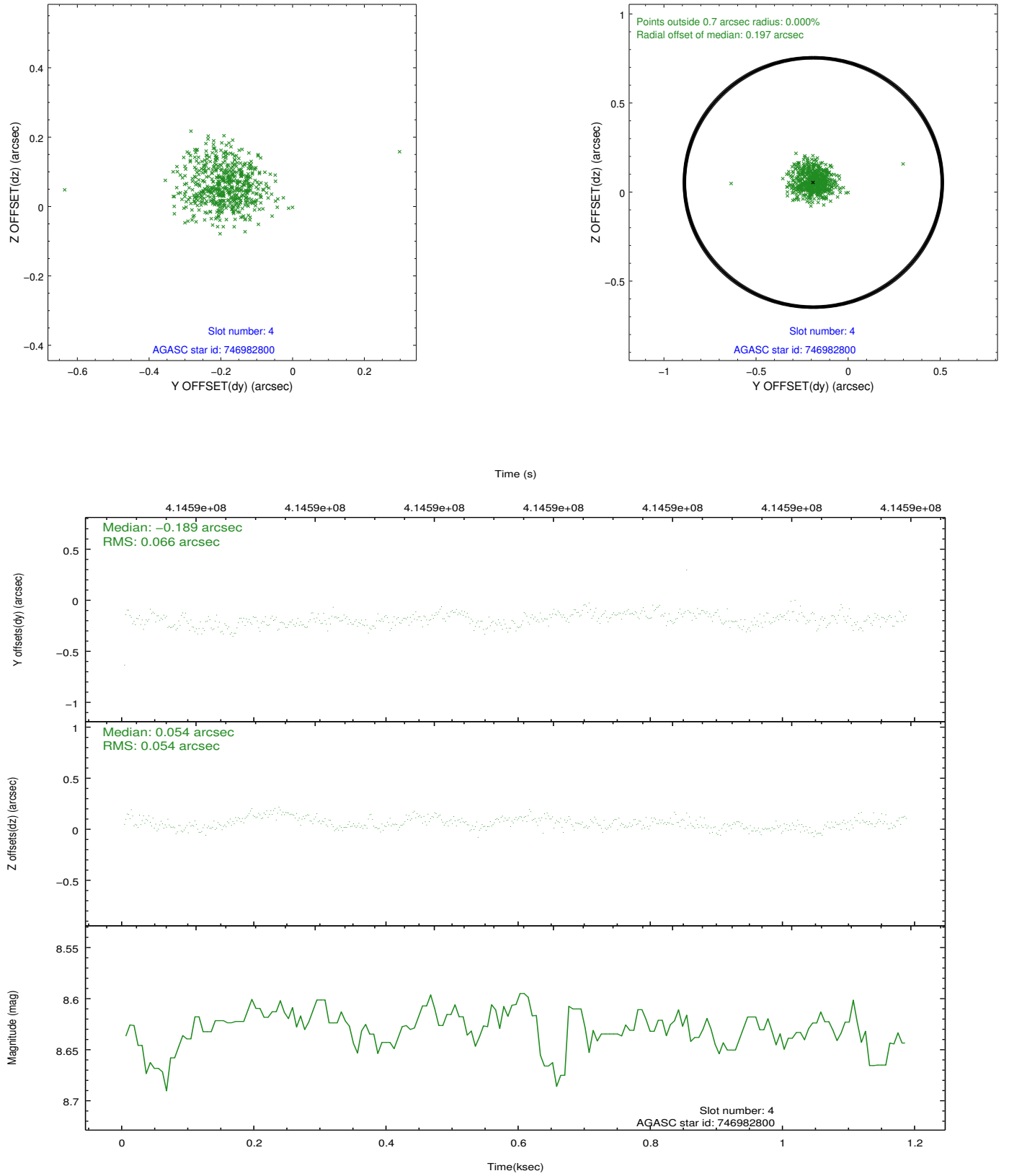
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	0.007	-0.013	0.006	0.009	0.000000	0.000000	-772.85	-1301.10
1	FID	HRC-I-3	7.05	289	-0.092	-0.071	0.008	0.014	0.000000	0.000000	-1203.91	998.94
2	FID	HRC-I-4	6.98	289	0.199	-0.005	0.005	0.008	0.000000	0.000000	1266.17	1004.35
3	GUIDE	746849848	9.42	578	0.289	-0.229	0.119	0.193	277.122496	-12.799904	-2098.40	604.65
4	GUIDE	746982800	8.63	578	-0.189	0.054	0.089	0.140	277.693854	-11.796819	1669.13	-1083.38
5	GUIDE	746996576	9.14	577	-0.126	-0.006	0.130	0.222	277.796322	-11.890255	1371.28	-1474.96
6	GUIDE	747028080	8.70	578	0.179	0.124	0.093	0.145	277.862767	-12.591819	-1125.29	-1922.99
7	GUIDE	747012512	7.71	577	-0.159	0.047	0.092	0.147	277.858924	-12.020749	915.16	-1735.80

2.4 Star Slots

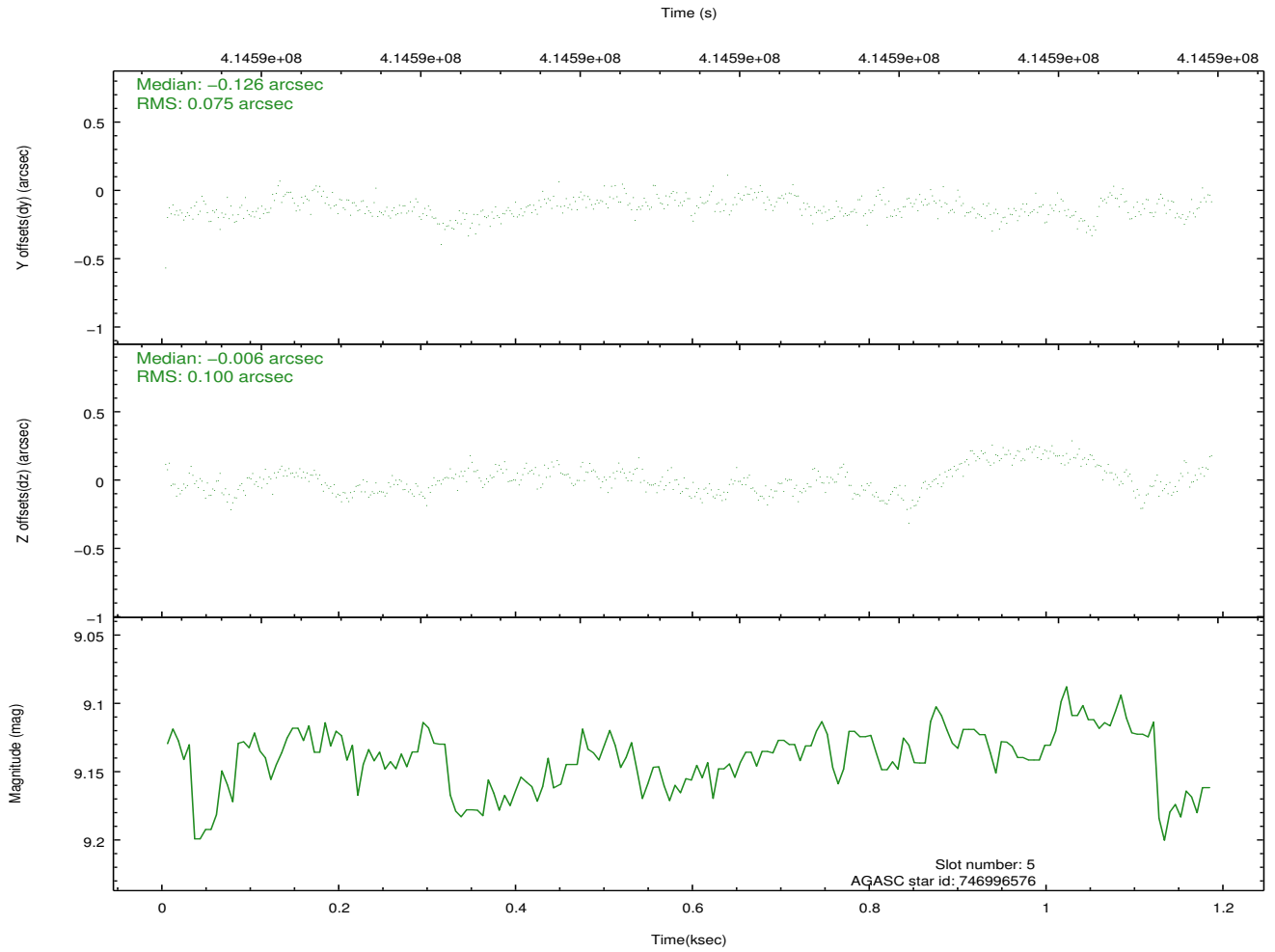
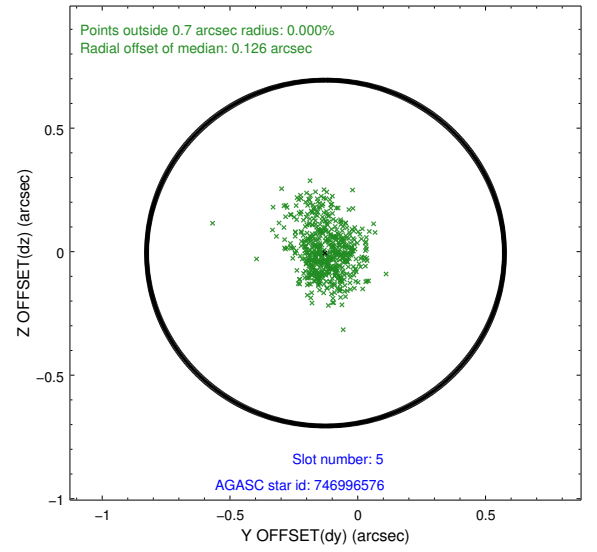
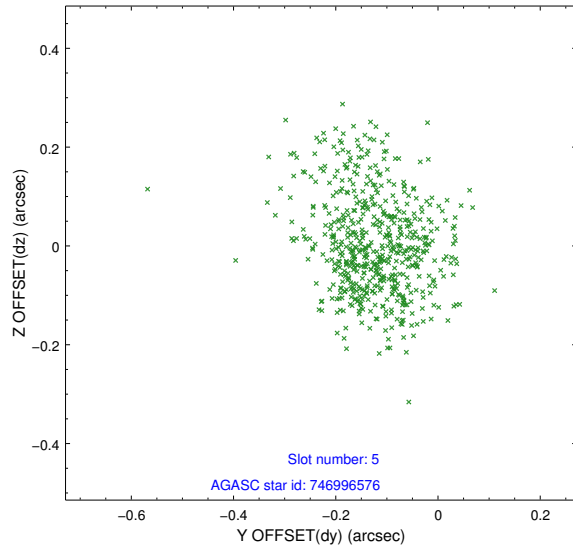
2.4.1 Slot 3



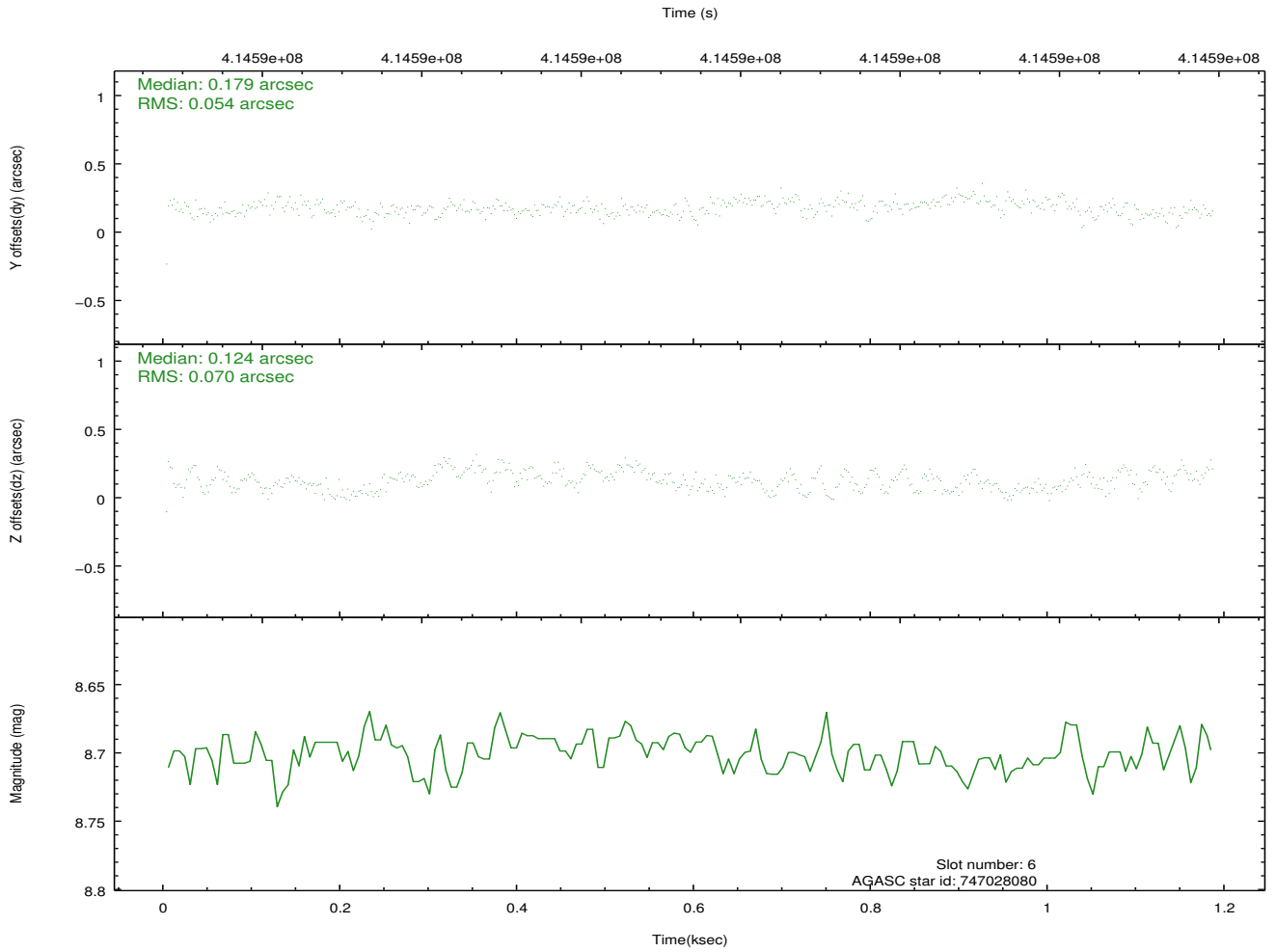
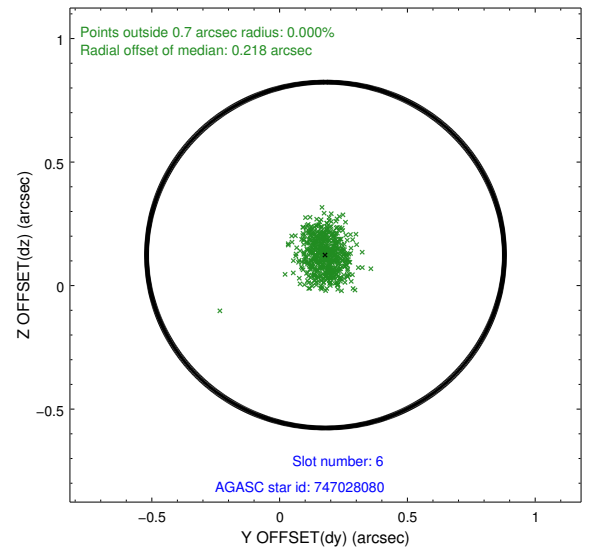
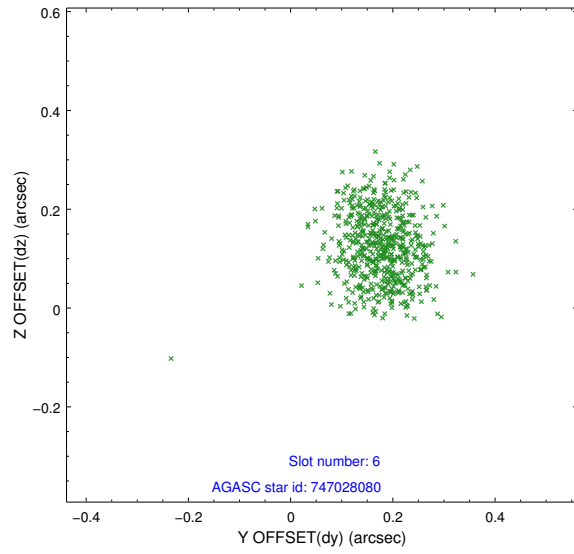
2.4.2 Slot 4



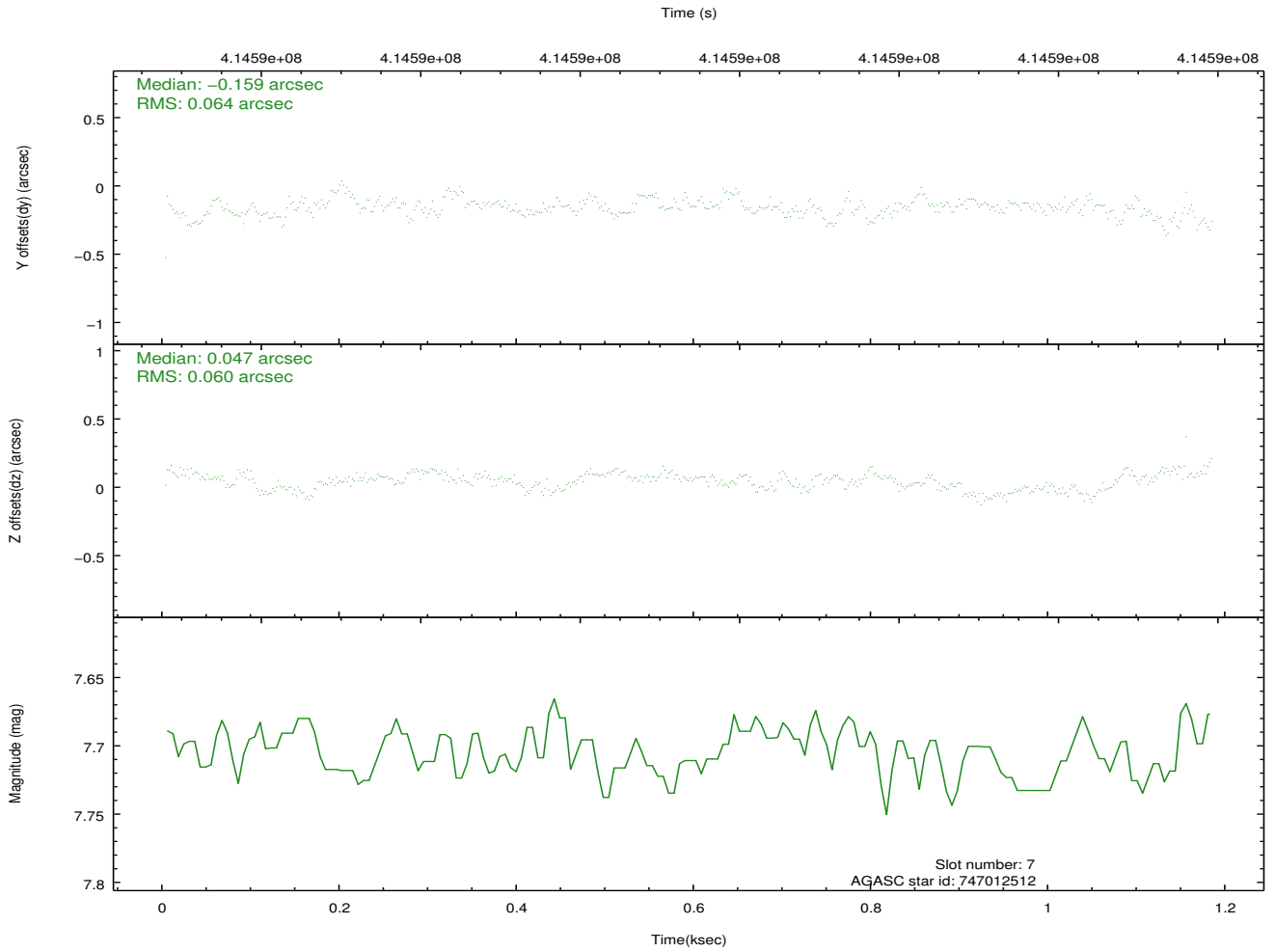
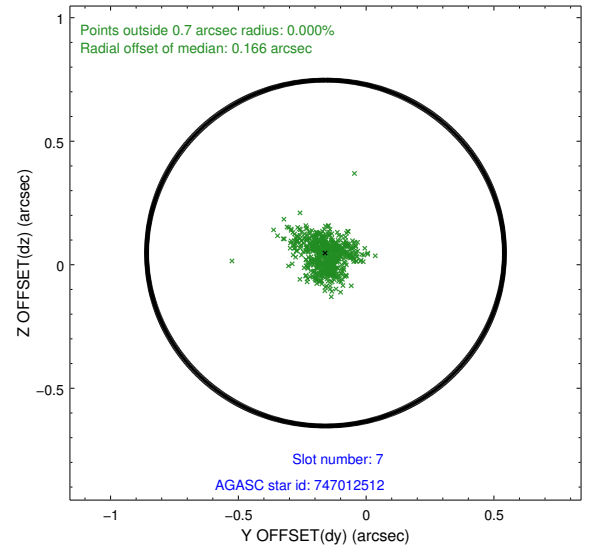
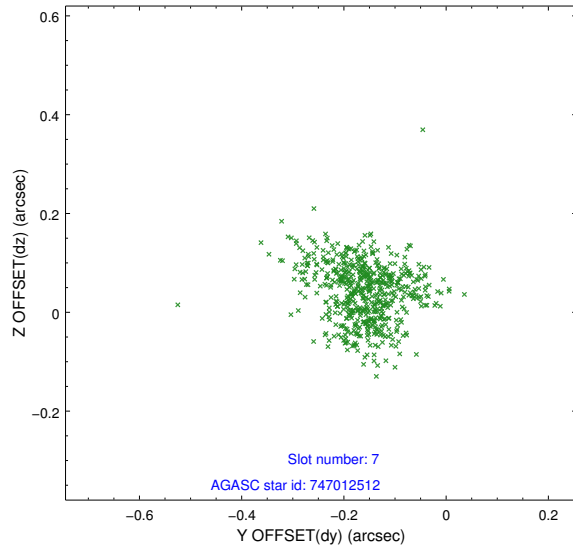
2.4.3 Slot 5



2.4.4 Slot 6

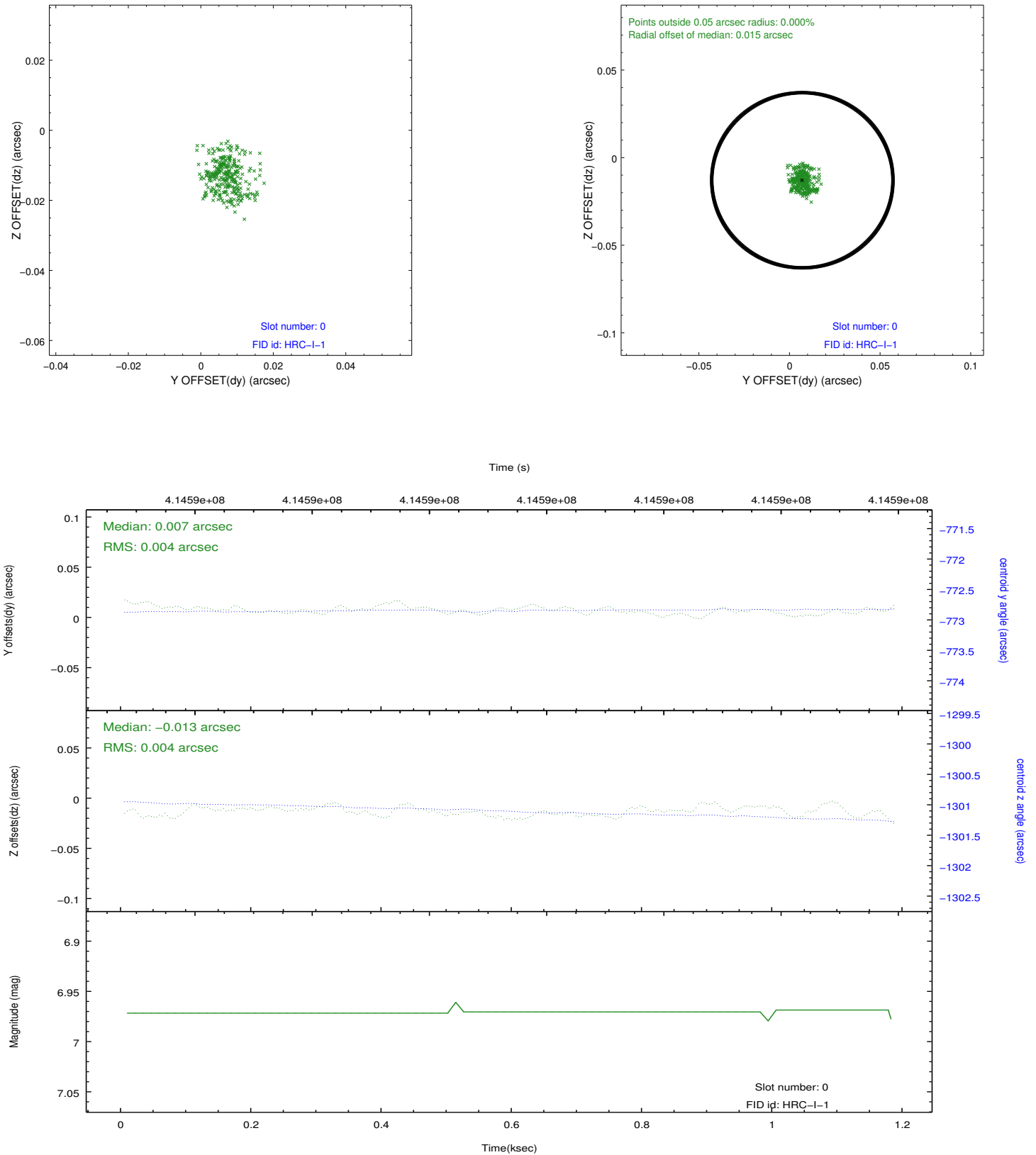


2.4.5 Slot 7

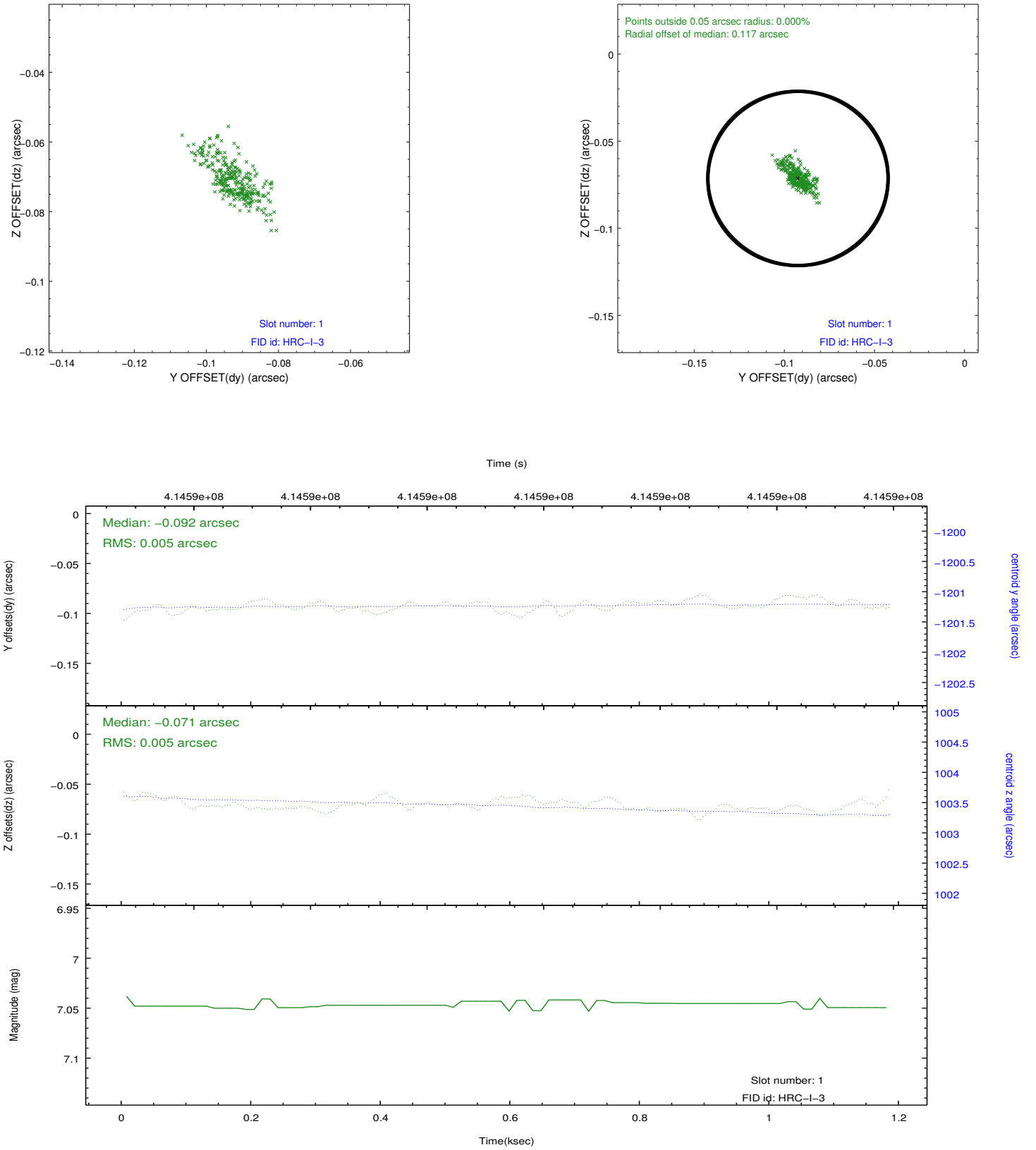


2.5 FID Slots

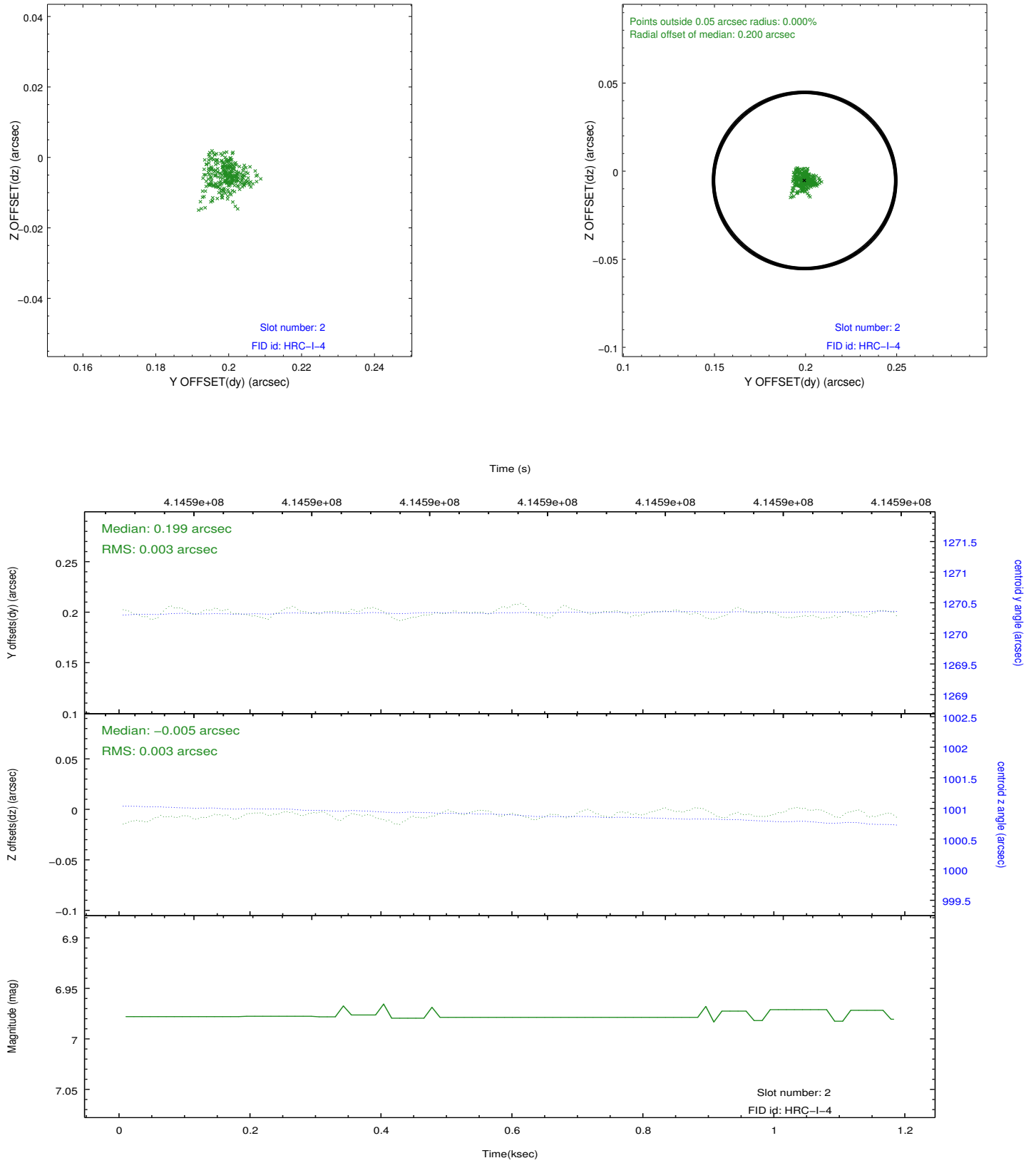
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813112259

A.2 Comments