

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 14562 - L2 Version 2
Chandra X-Ray Center

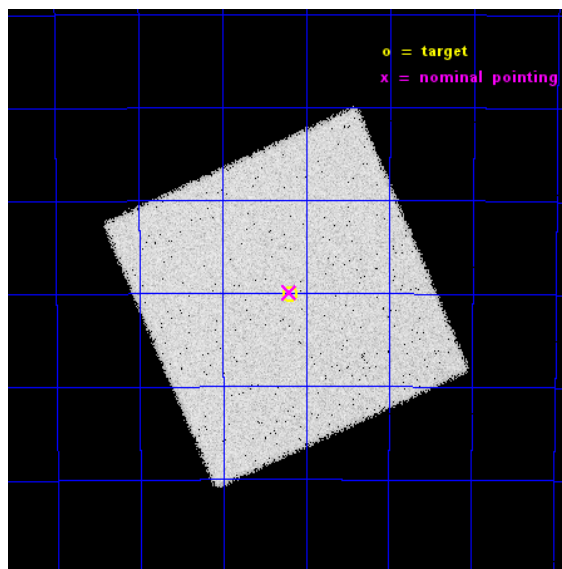
L2 Processing Date : Dec 1 2014

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1 Front

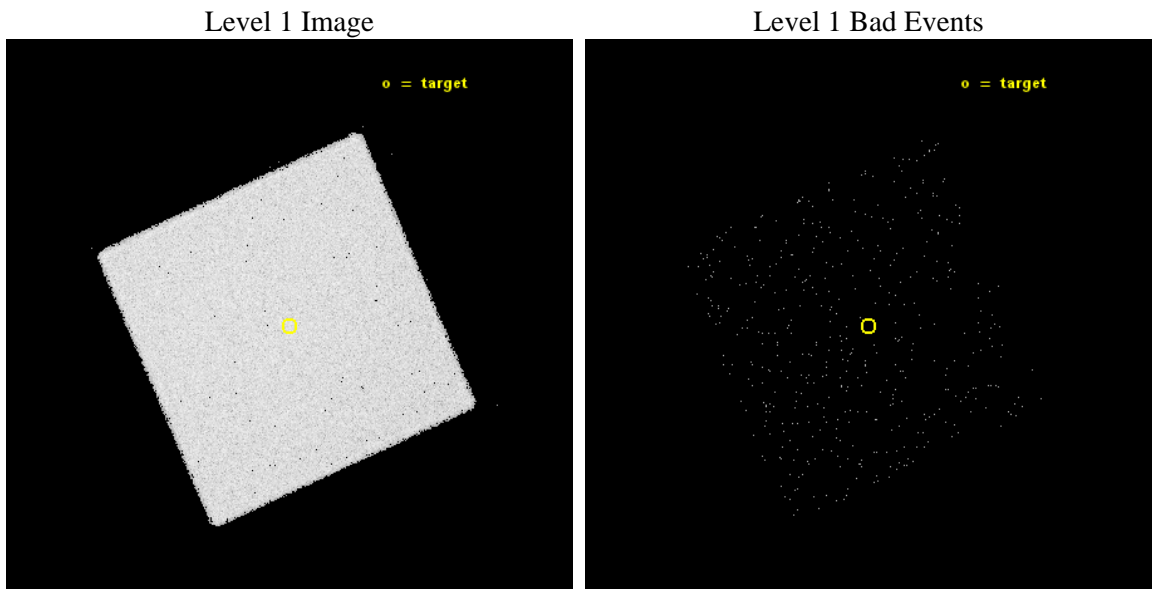
seq_num	200863	Sequence number
obs_id	14562	Observation id
title	Search for X-ray emission from a sample of luminous O-type subdwarfs	
observer	Mr. Nicola La Palombara	Principal investigator
object	LSE 263	Source name
ra_targ	285.549167	Observer's specified target RA [deg]
dec_targ	-51.502639	Observer's specified target Dec [deg]
ra_nom	285.54959113503	Nominal RA [deg]
dec_nom	-51.498398965181	Nominal Dec [deg]
roll_nom	111.0981697632	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3794.5502054095	[s]
livetime	3761.7215458098	Ontime multiplied by DTCOR
l2events	246470	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	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.3	Processing system revision	ontime	3794.5502054095	[s]
caldbver	4.6.4	 	l1events	343044	Number of level 1 events
date	2014-12-02T00:13:41	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

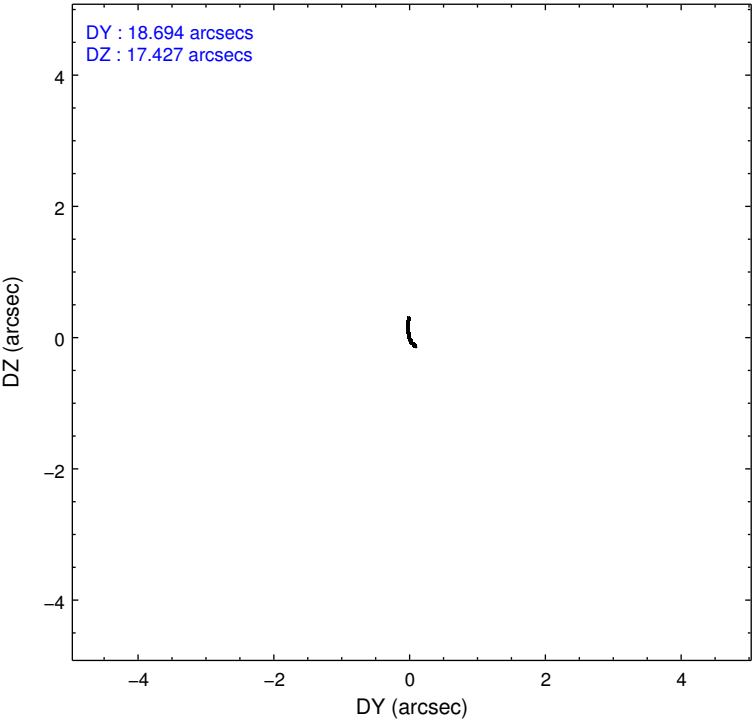
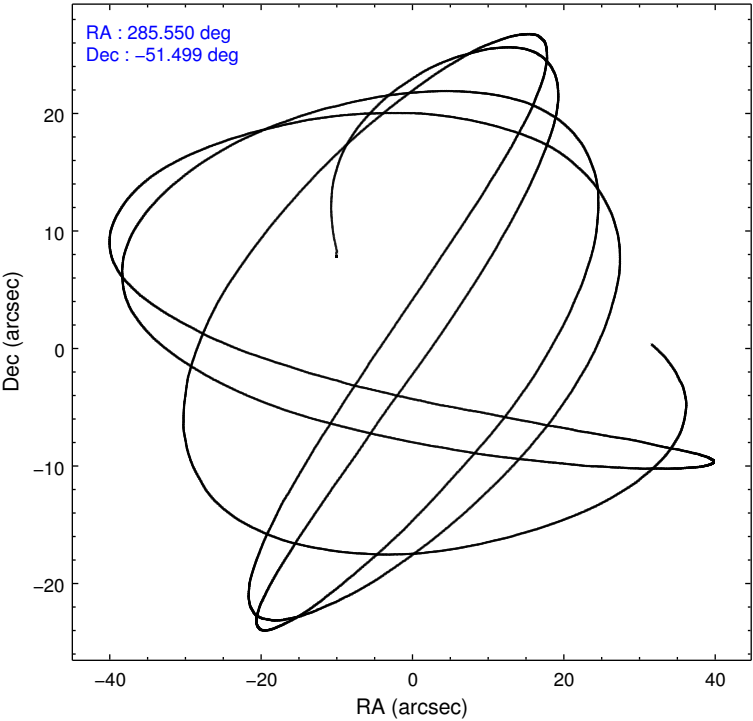
Level 1 Events

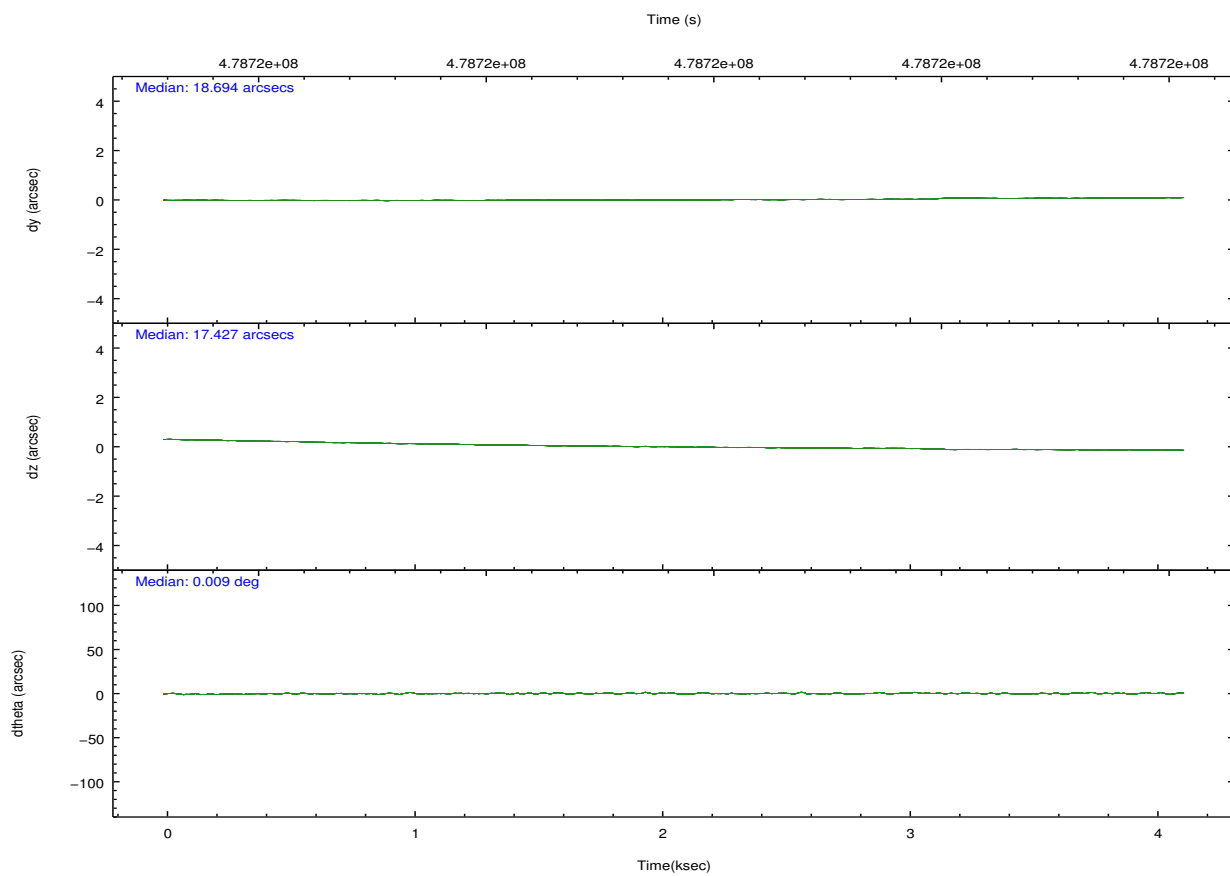
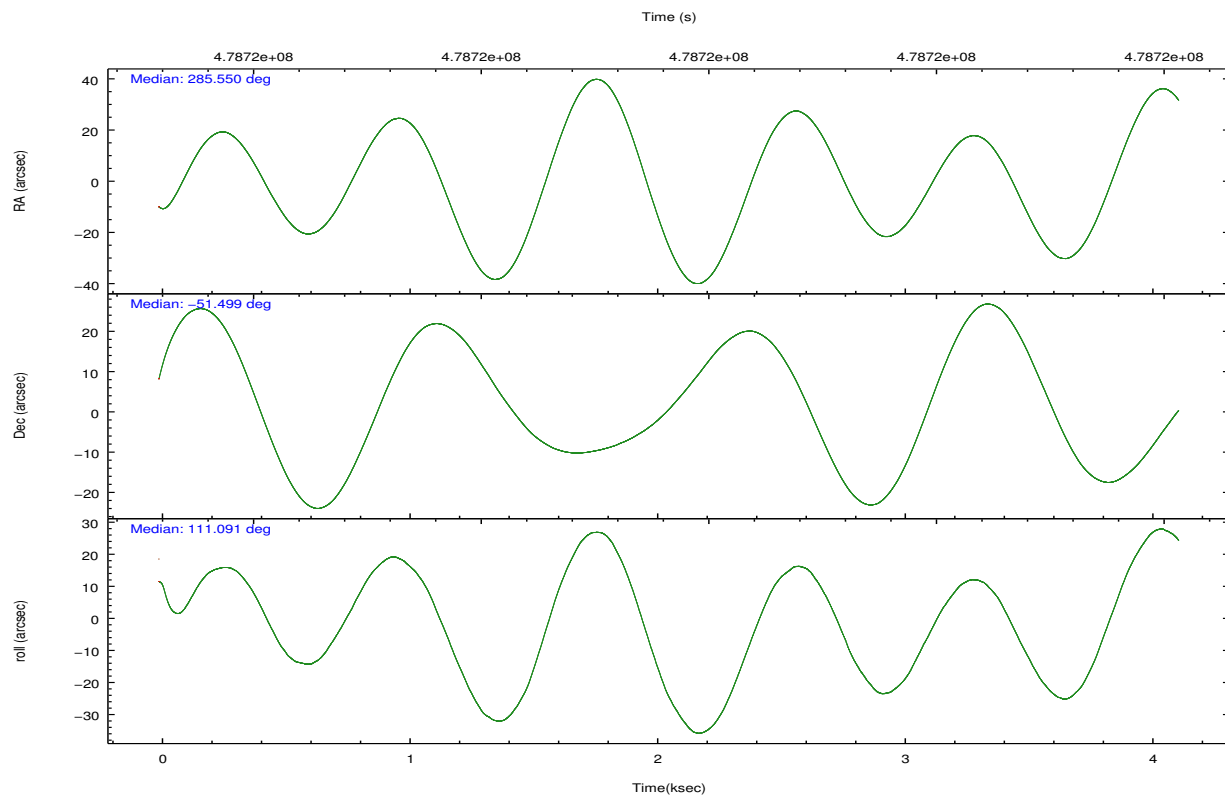
	segment 0
level 1 events	343044
rejected events	7165
rejected %	2%

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	285.583873	285.5495911350285			
[deg] Pointing Dec	-51.514990	-51.49839896518106			
[deg] Pointing Roll	111.220467	111.0981697632027			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	478719879.184000	478718737.27919			
Observation start date	2013-03-03T17:43:32	2013-03-03T17:25:37			
[s] Observation end time (MET)	478723879.184000	478724840.12952			
Observation end date	2013-03-03T18:50:12	2013-03-03T19:07:20			

2.3 Aspect



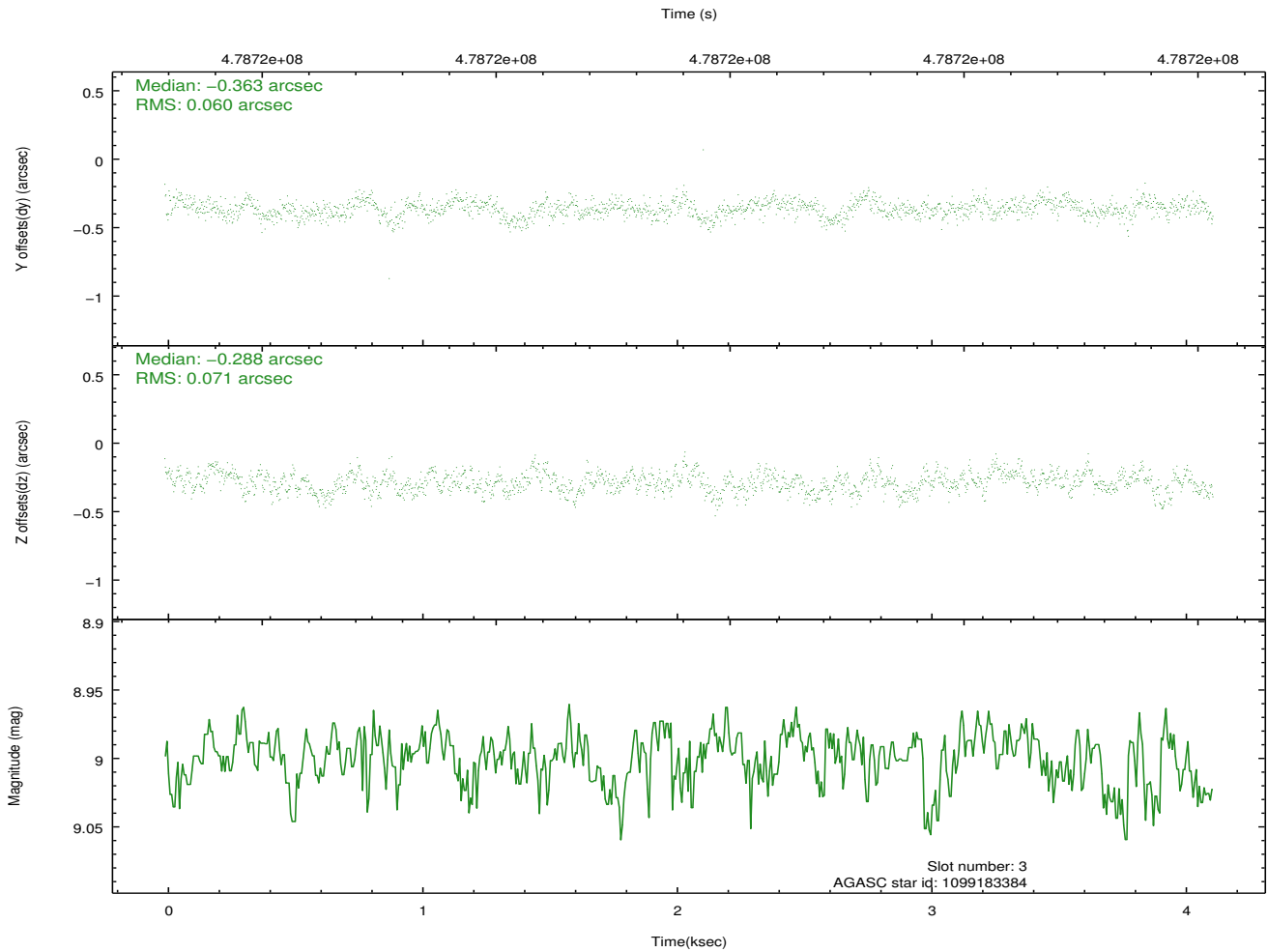
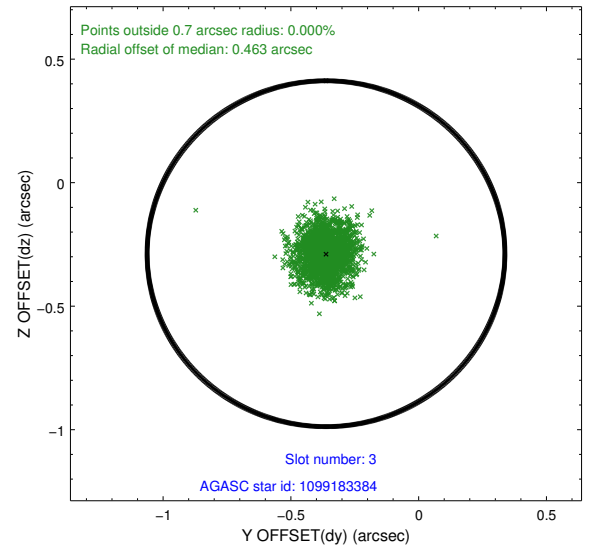
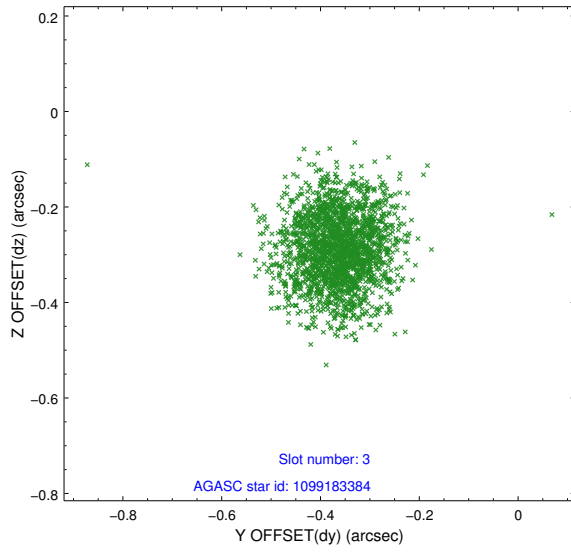


Slot Statistics

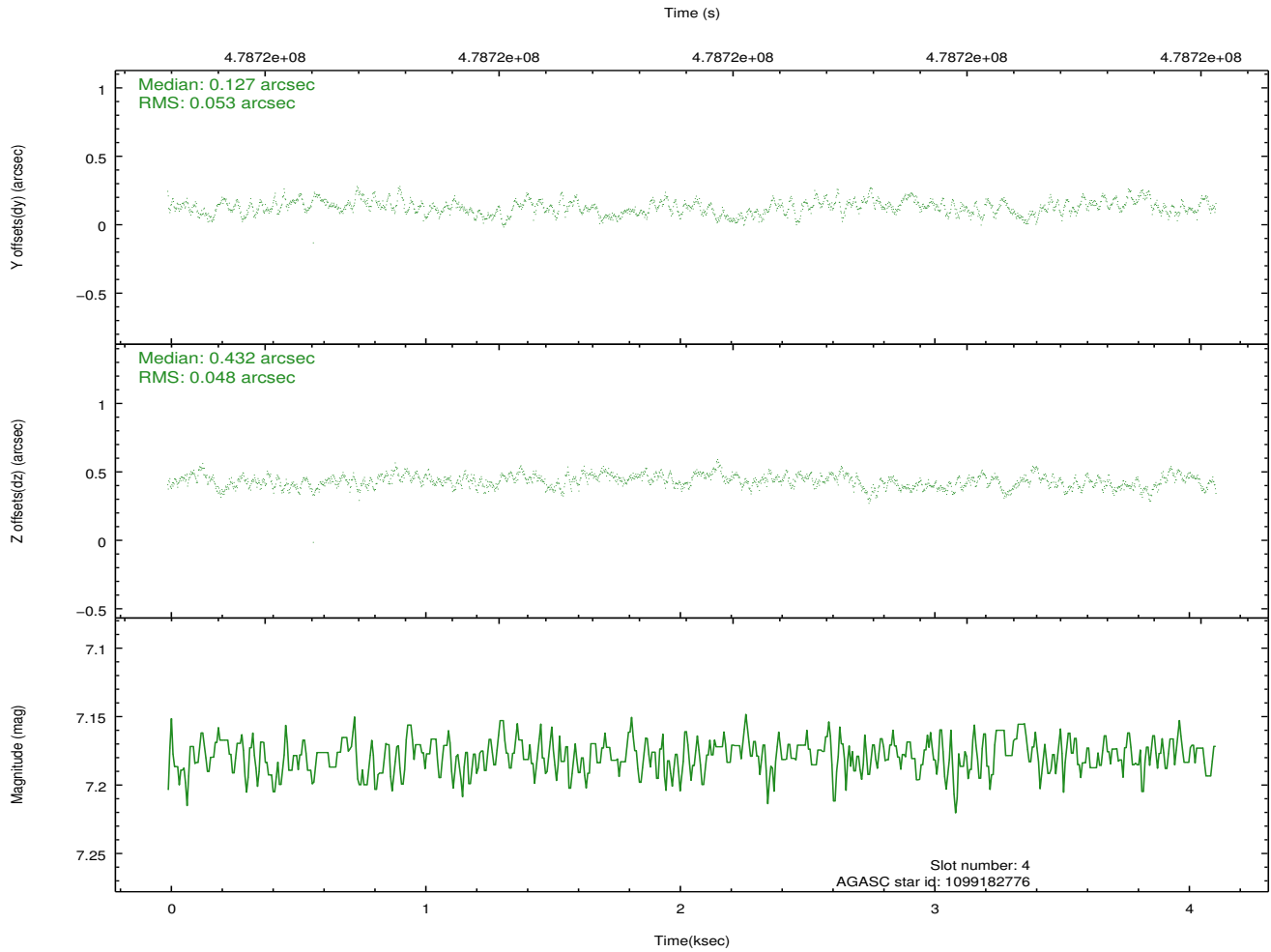
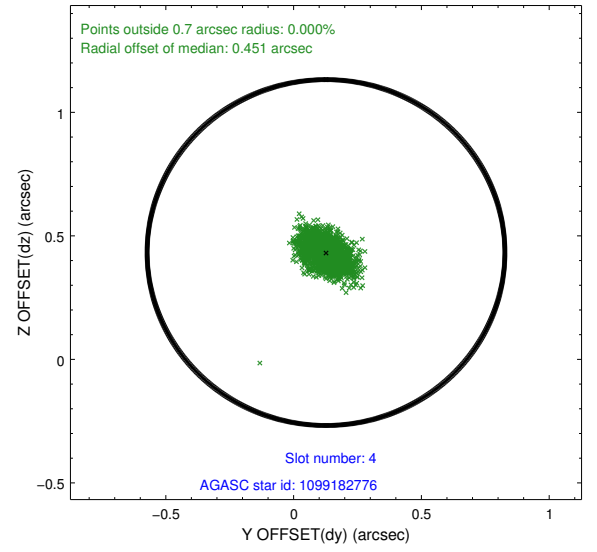
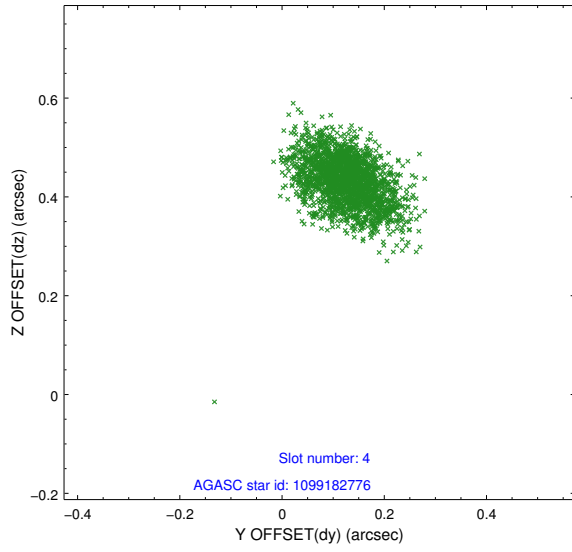
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.02	1005	-0.097	0.043	0.006	0.010	0.000000	0.000000	-774.70	-1305.51
1	FID		HRC-I-2	7.05	1005	0.291	-0.176	0.006	0.010	0.000000	0.000000	837.54	-1308.60
2	FID		HRC-I-3	7.10	1005	-0.076	0.044	0.005	0.010	0.000000	0.000000	-1202.34	997.75
3	GUIDE	used	1099183384	9.00	2008	-0.363	-0.288	0.098	0.157	285.320816	-51.175001	1355.06	111.81
4	GUIDE	used	1099182776	7.18	2010	0.127	0.432	0.075	0.122	286.658787	-51.417561	-561.36	-2368.63
5	GUIDE	used	1099172704	9.40	2007	0.005	-0.130	0.121	0.195	285.105676	-52.053092	-1425.86	1688.87
6	GUIDE	used	1099171792	9.64	1997	0.213	-0.149	0.161	0.255	285.290760	-52.252652	-2243.09	1565.44
7	GUIDE	used	1099182608	8.47	1928	0.017	0.138	0.080	0.129	286.083275	-51.175937	725.89	-1488.64

2.4 Star Slots

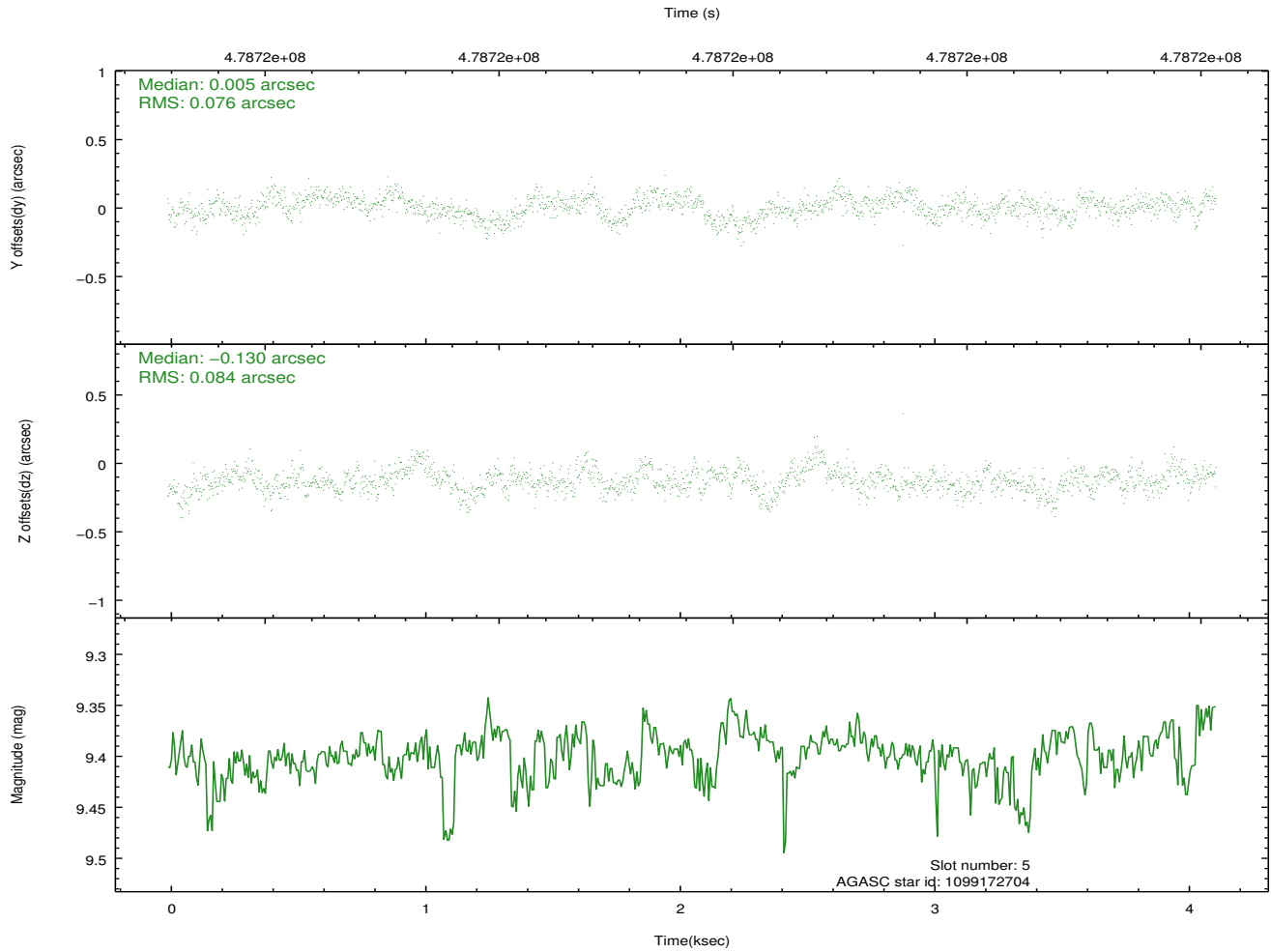
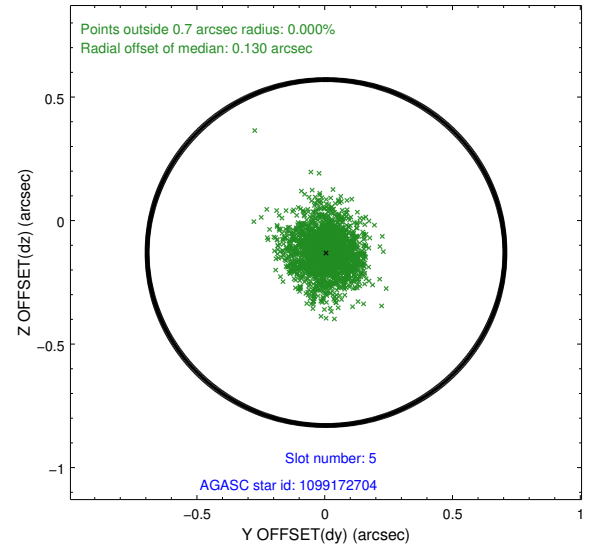
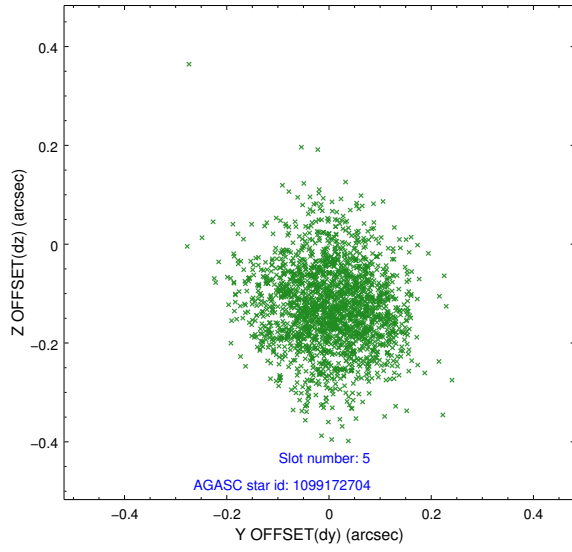
2.4.1 Slot 3



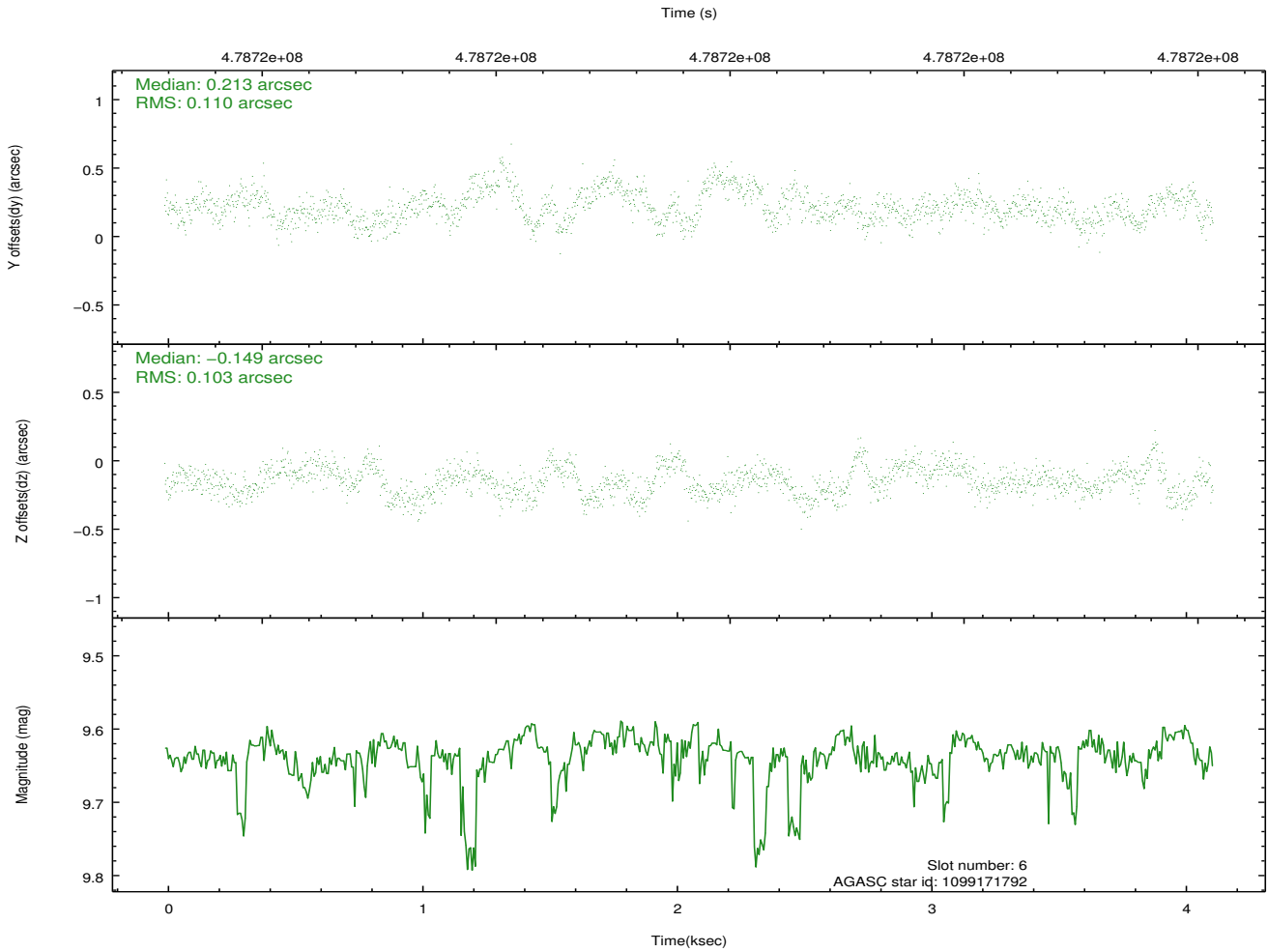
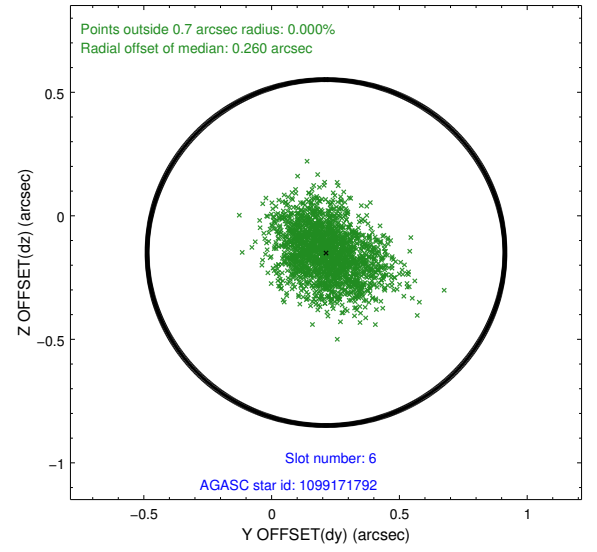
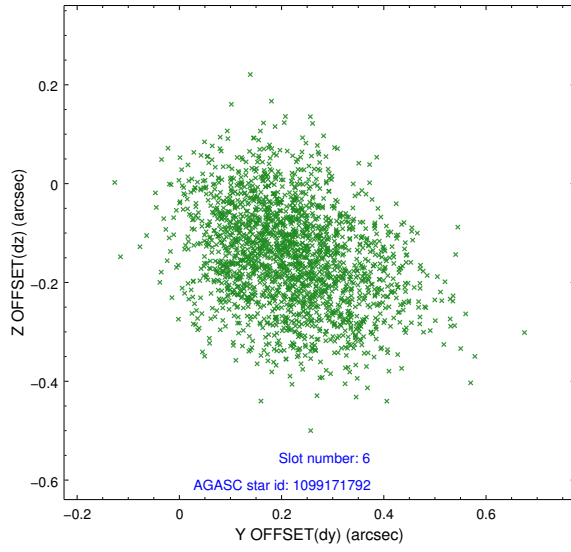
2.4.2 Slot 4



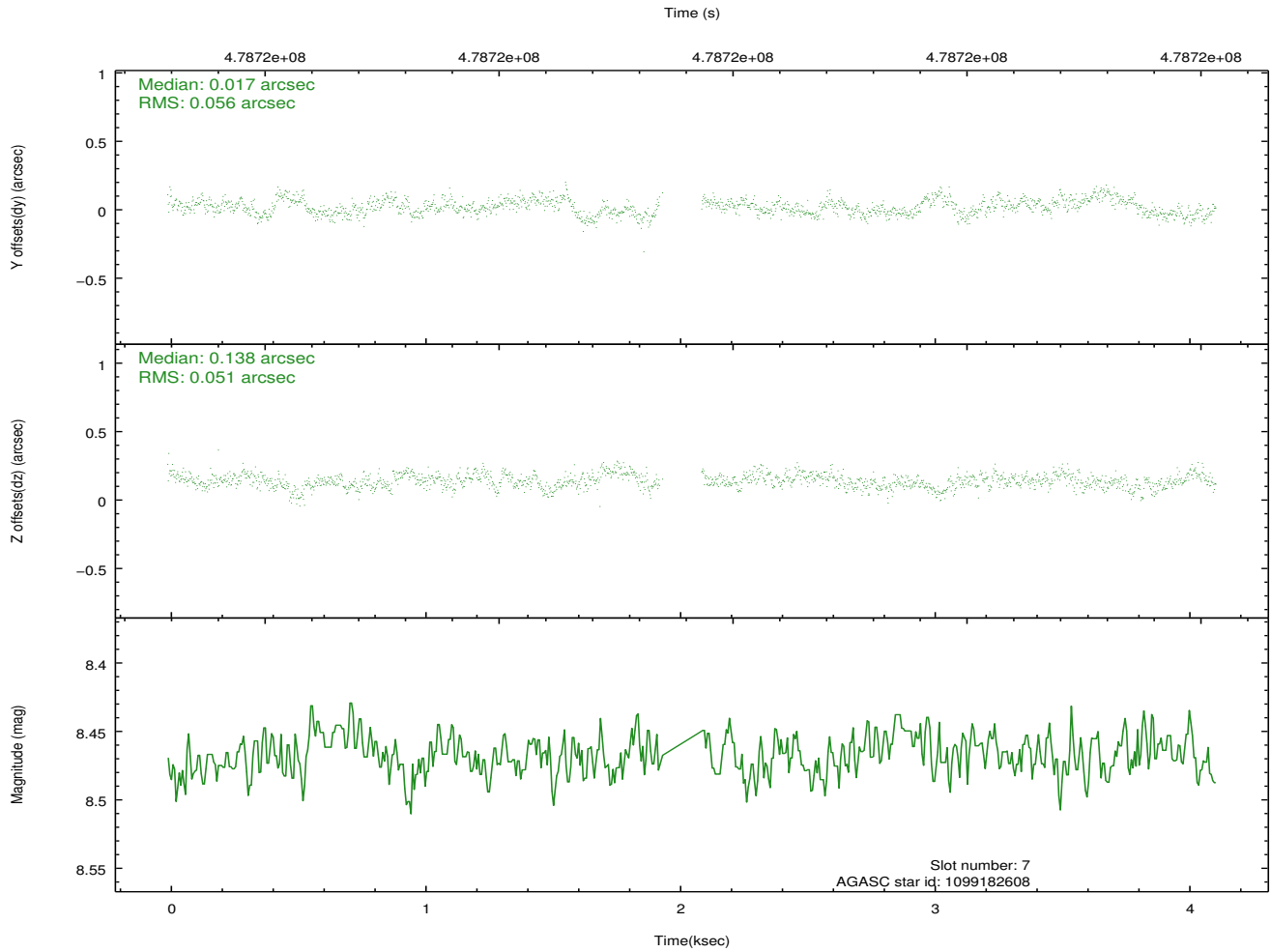
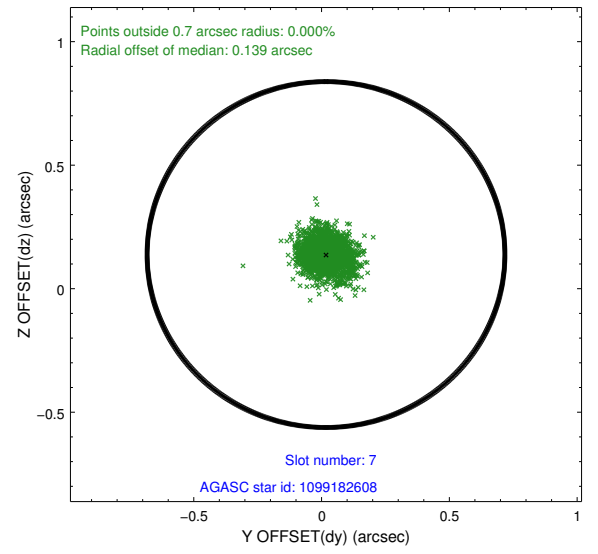
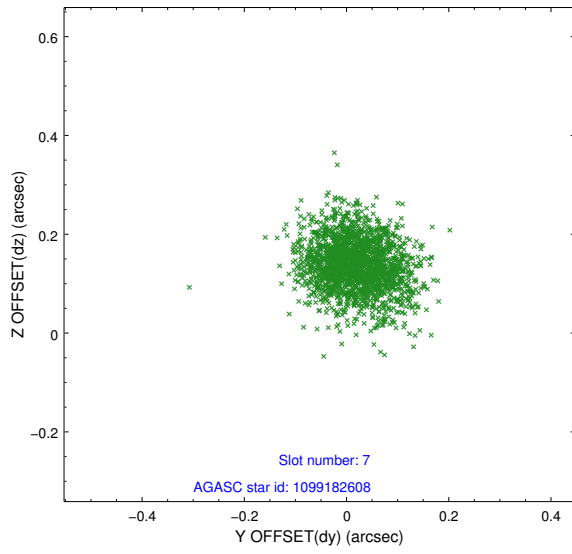
2.4.3 Slot 5



2.4.4 Slot 6

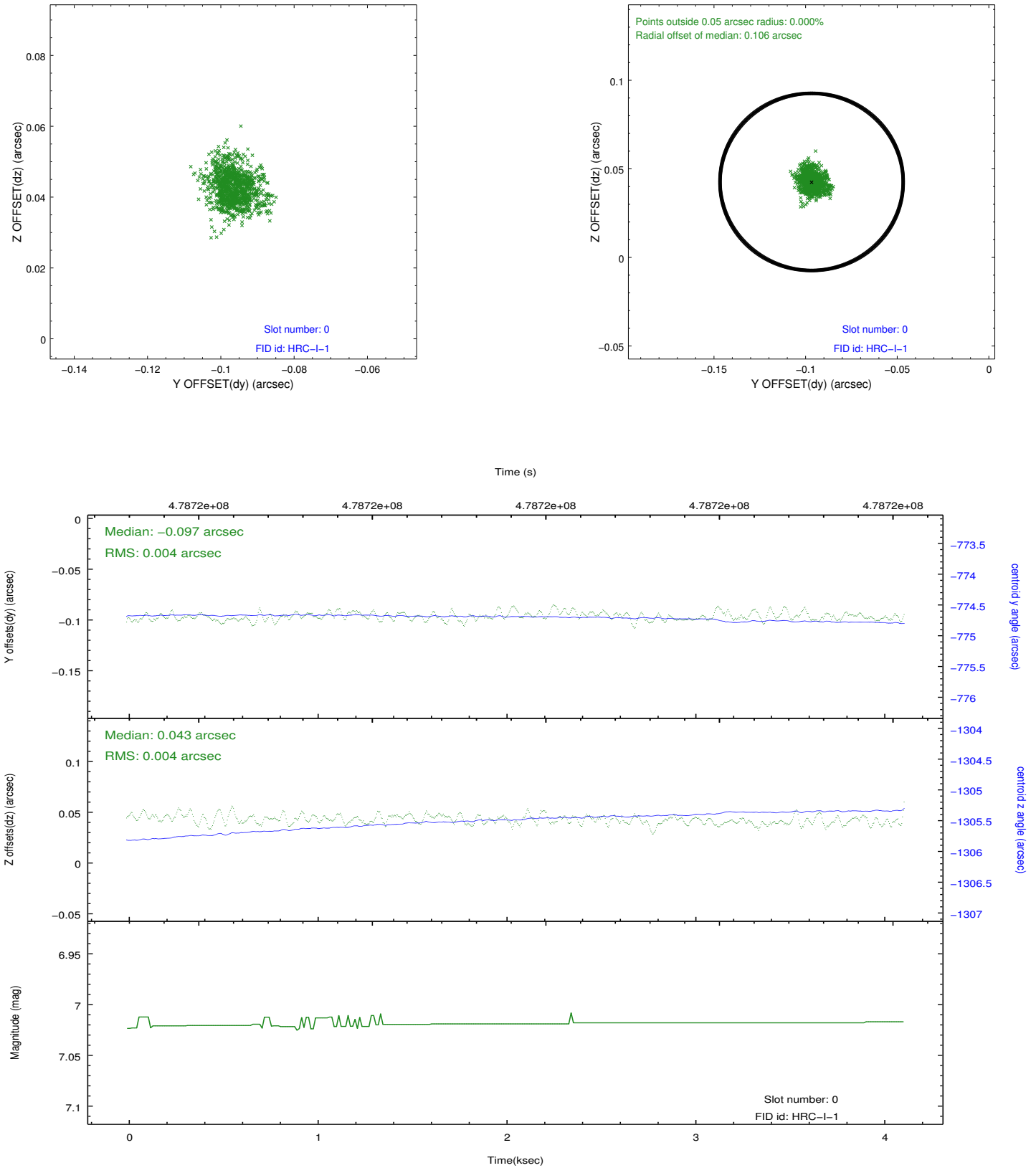


2.4.5 Slot 7

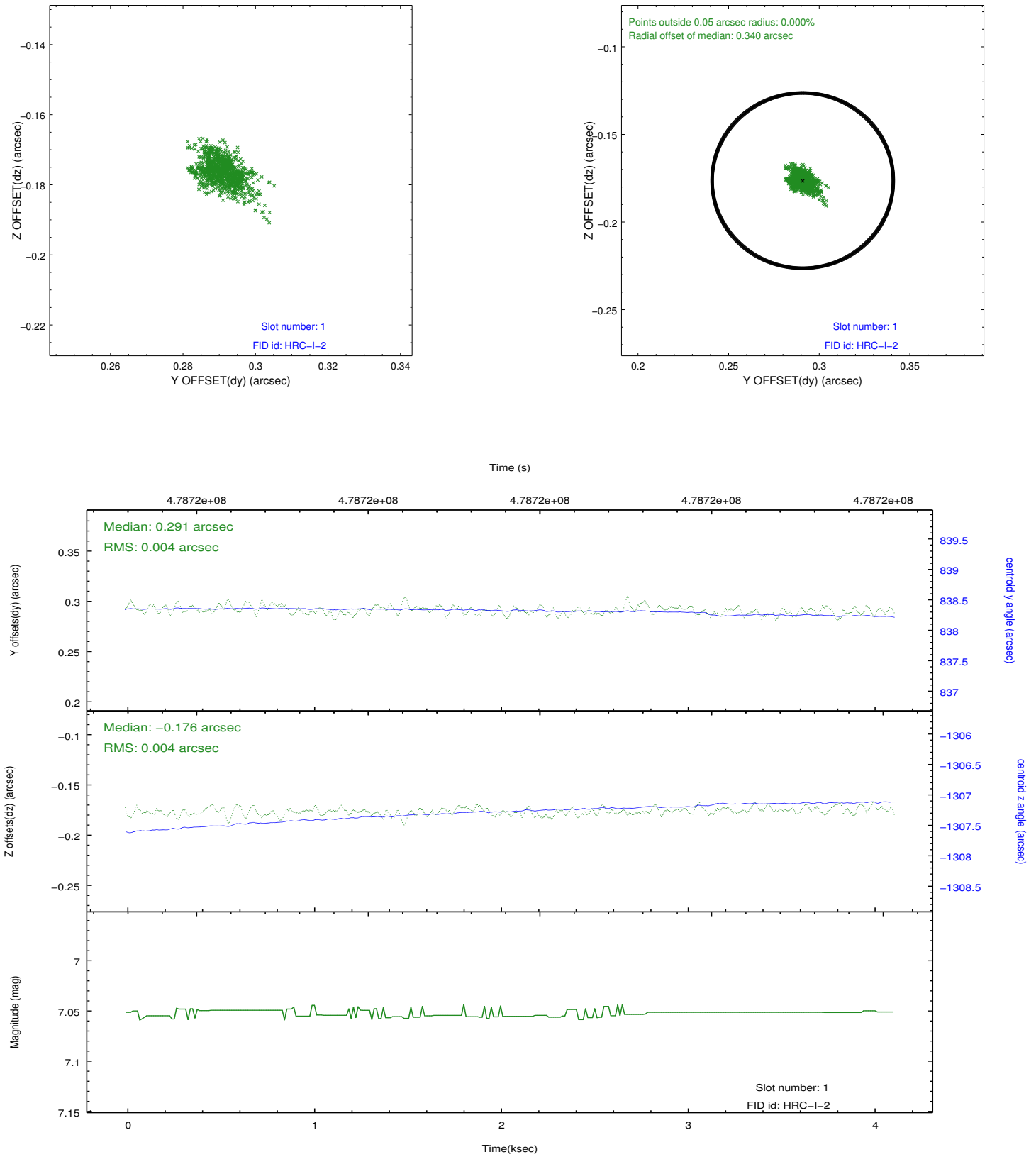


2.5 FID Slots

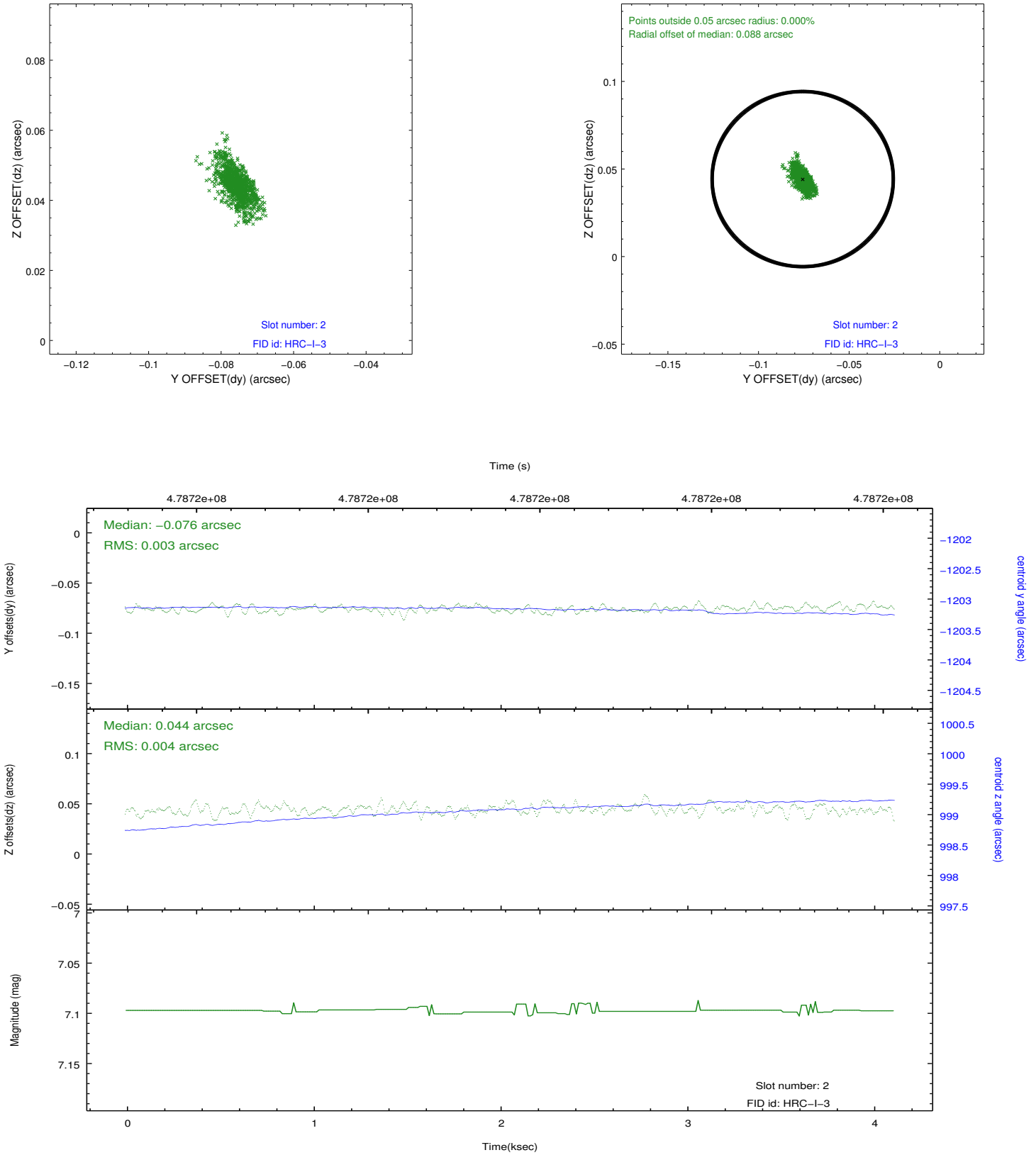
2.5.1 Slot 0



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)	2014.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.7945502054095

A.2 Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.