

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6198 - L2 Version 4
Chandra X-Ray Center

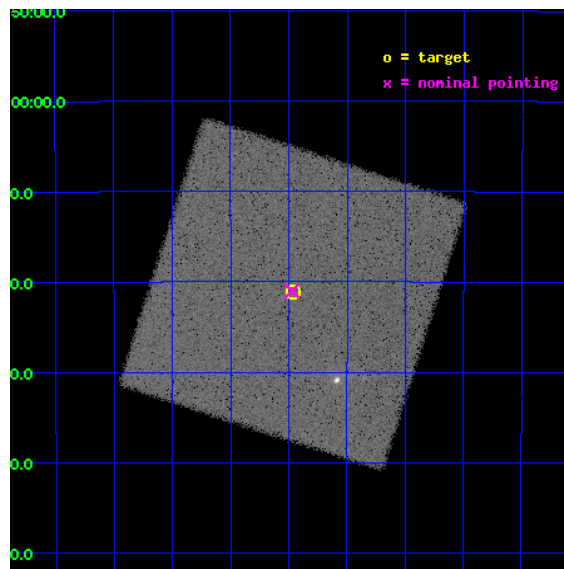
L2 Processing Date : Dec 24 2012

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

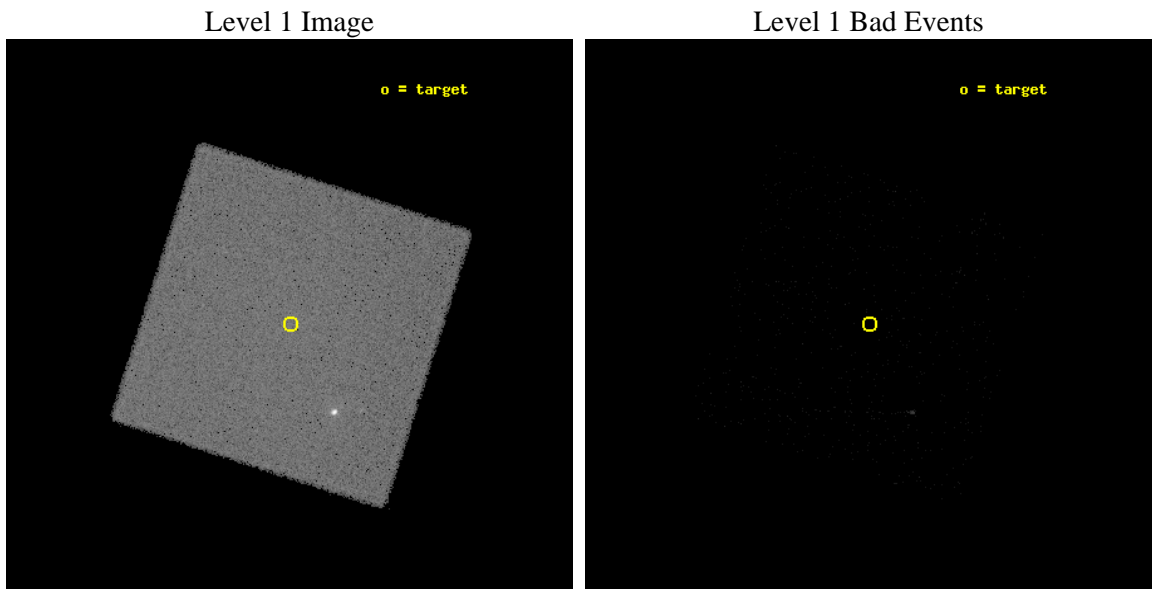
seq_num	400458	Sequence number
obs_id	6198	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-9	Source name
ra_targ	266.615	Observer's specified target RA [deg]
dec_targ	-29.3525	Observer's specified target Dec [deg]
ra_nom	266.61844543583	Nominal RA [deg]
dec_nom	-29.349946578278	Nominal Dec [deg]
roll_nom	62.87151819196	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5183.681486547	[s]
livetime	5146.7706120304	Ontime multiplied by DTCOR
l2events	201004	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	5183.681486547	[s]
caldbver	4.5.5	 	l1events	315942	Number of level 1 events
date	2012-12-24T11:42:06	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

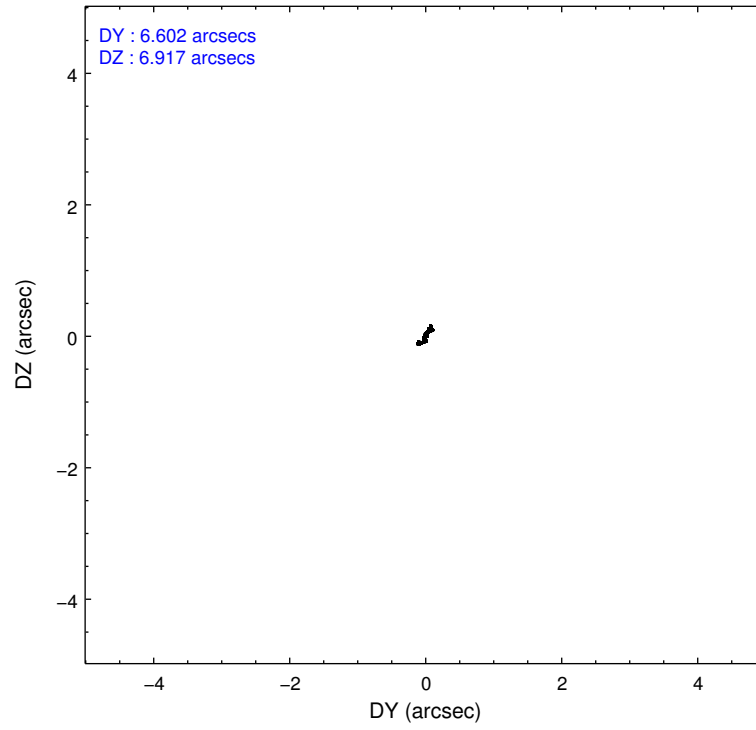
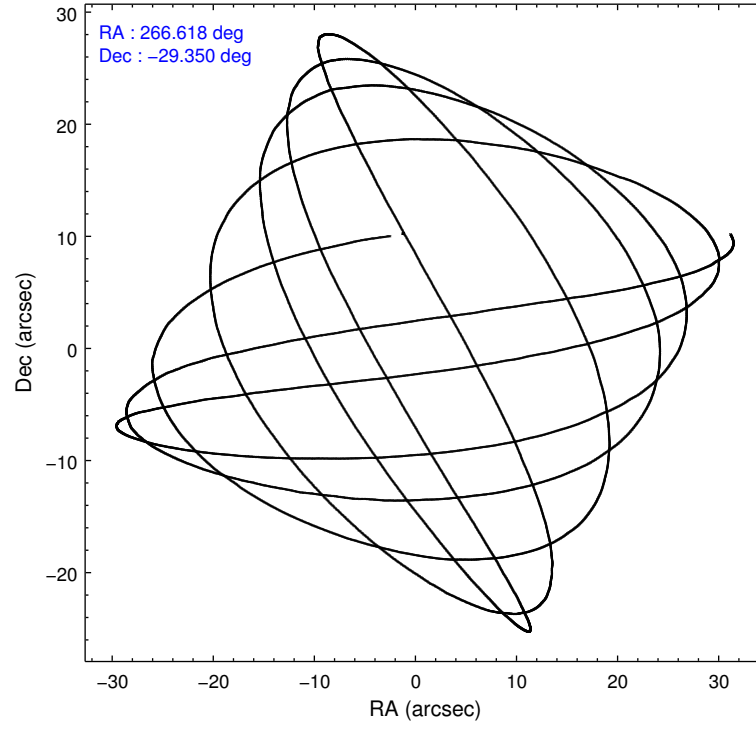
Level 1 Events

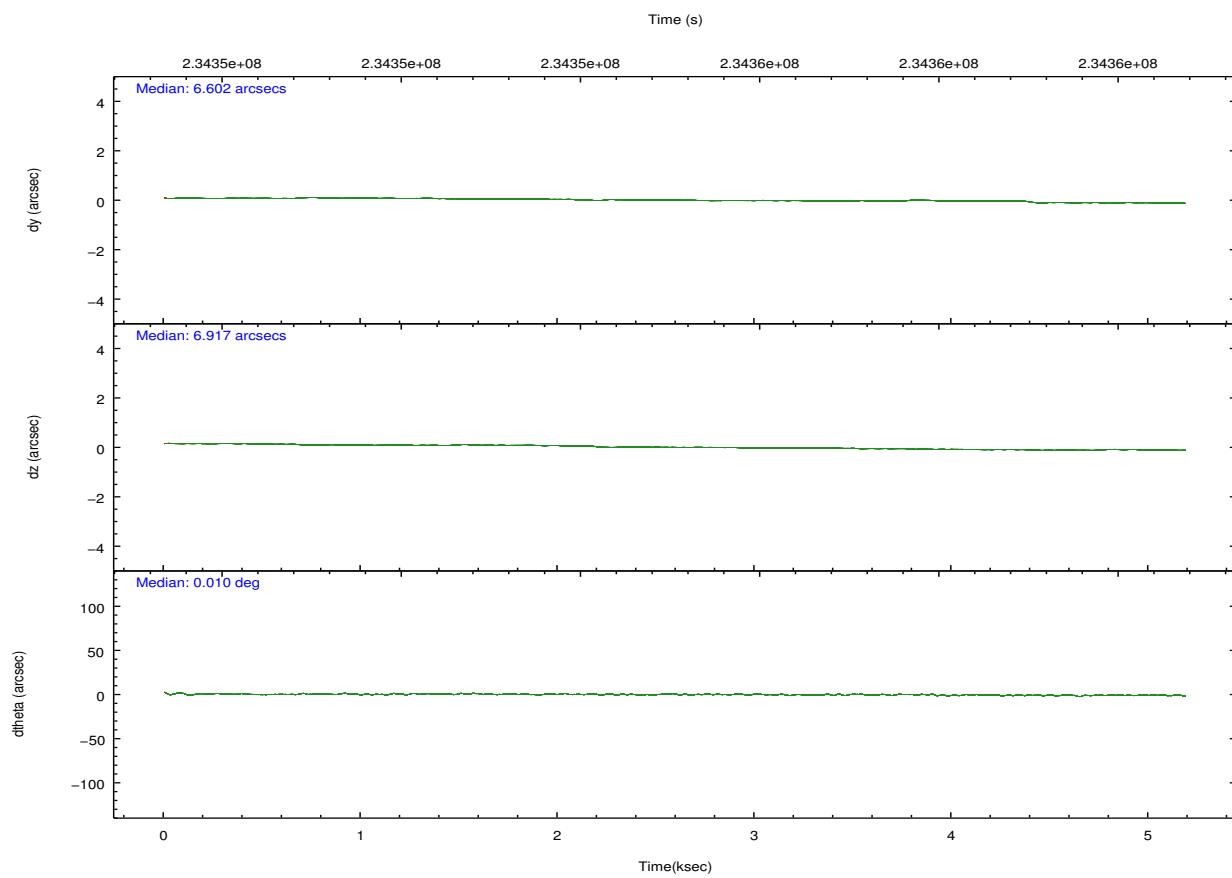
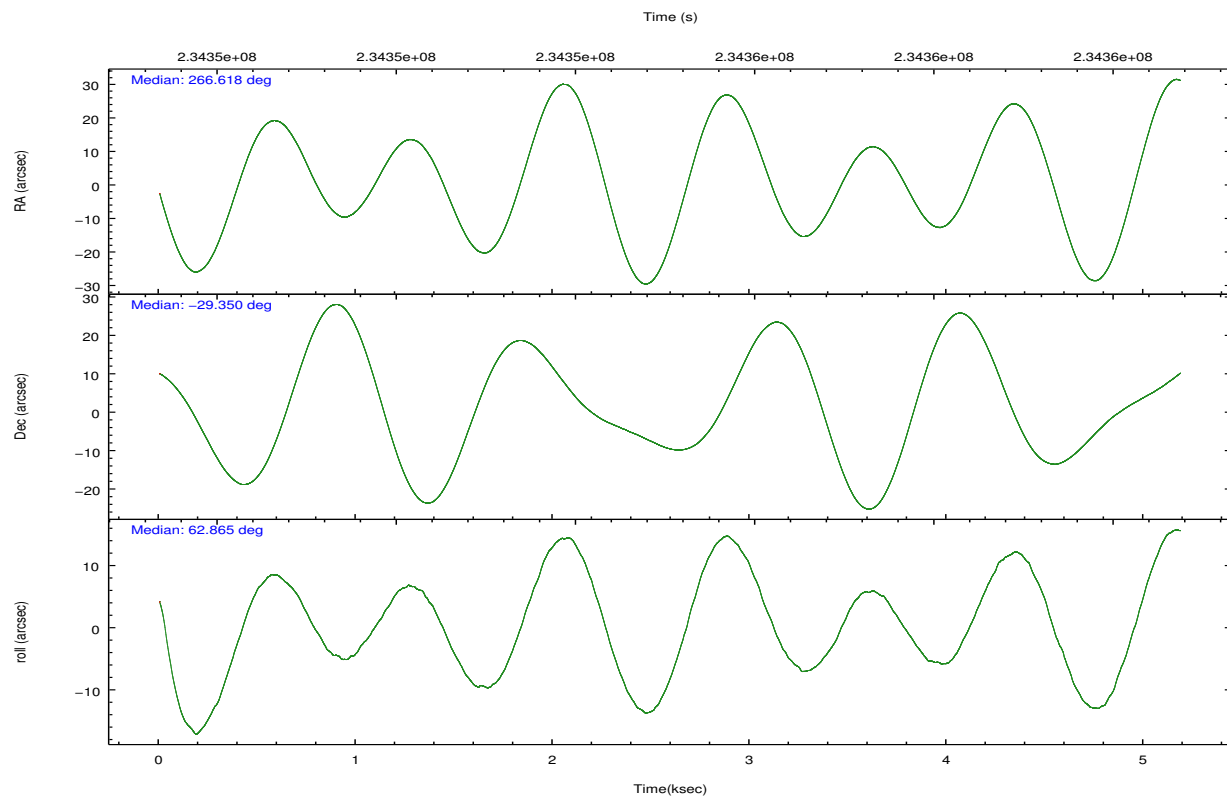
	segment 0
level 1 events	315942
rejected events	18826
rejected %	5%

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	266.620925	266.6184454358305			
[deg] Pointing Dec	-29.376842	-29.34994657827806			
[deg] Pointing Roll	62.968218	62.87151819195964			
[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)	234352128.184000	234351752.33349			
Observation start date	2005-06-05T09:47:44	2005-06-05T09:42:32			
[s] Observation end time (MET)	234357128.184000	234357265.80874			
Observation end date	2005-06-05T11:11:04	2005-06-05T11:14:25			

2.3 Aspect



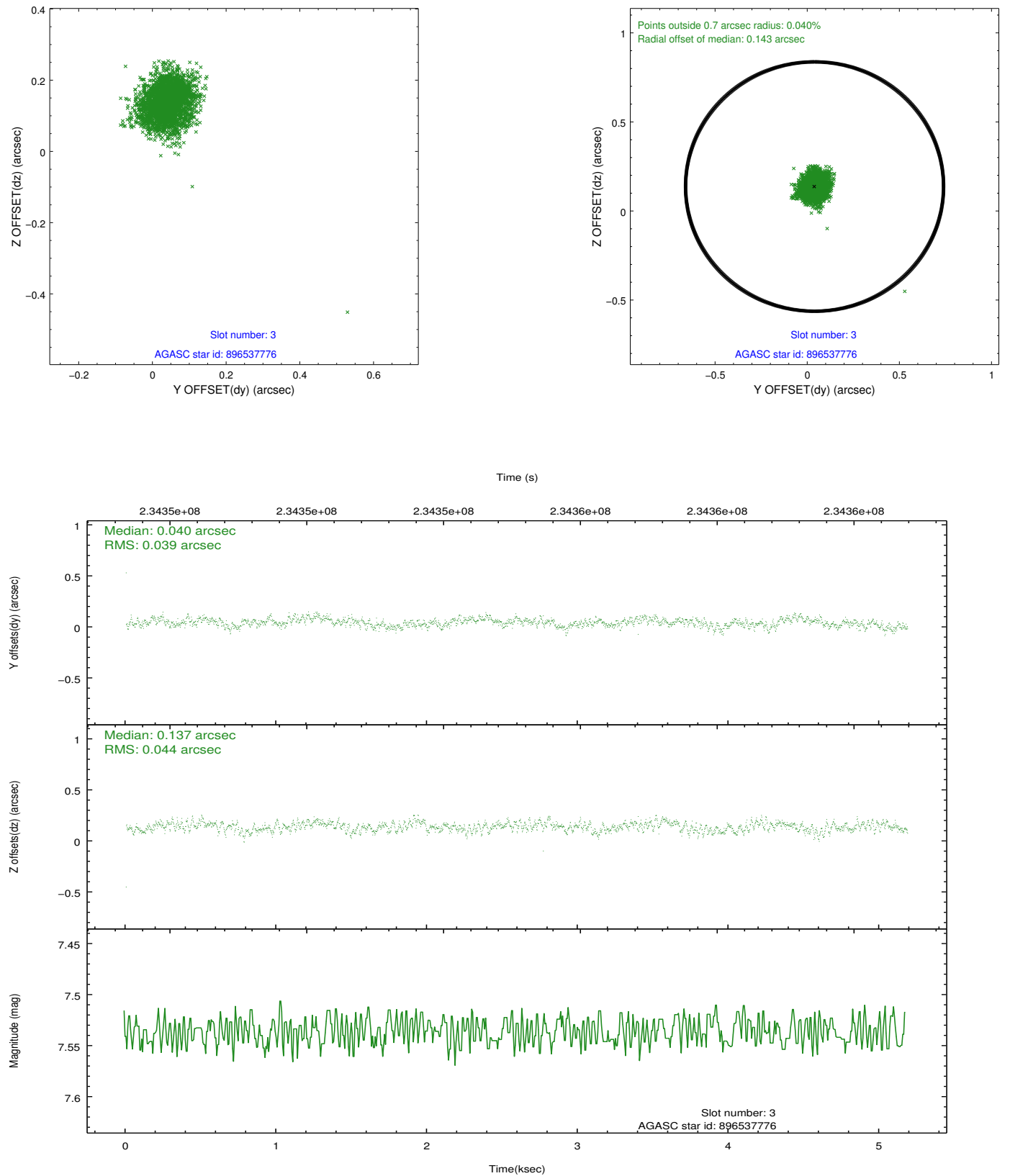


Slot Statistics

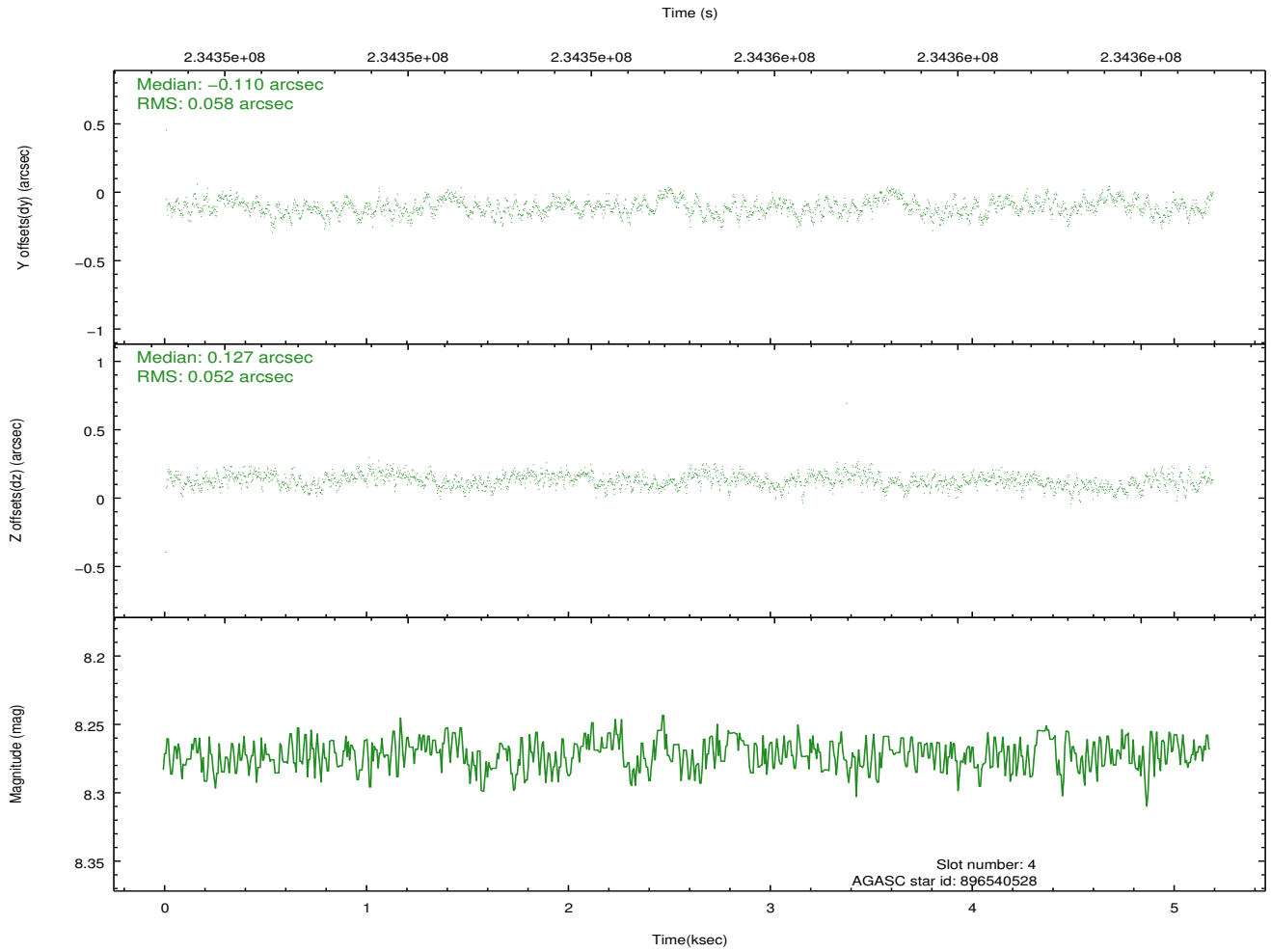
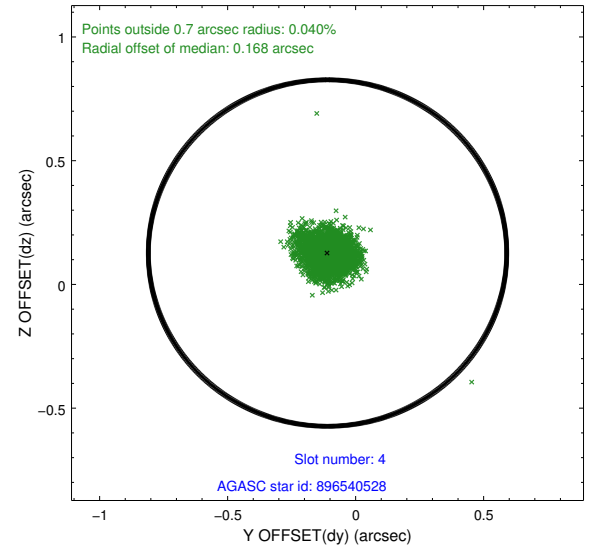
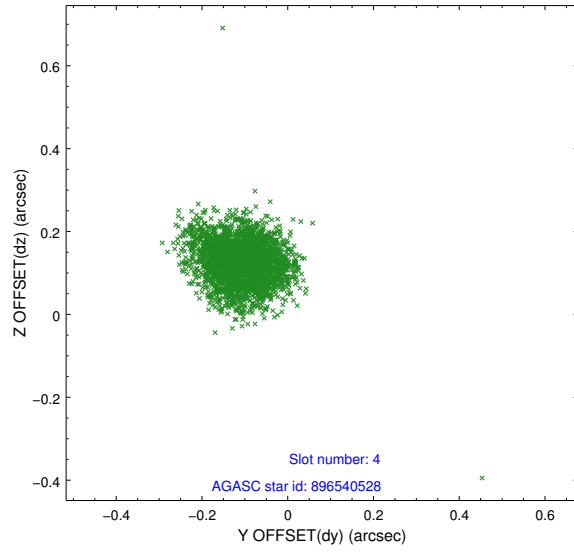
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1265	0.025	-0.014	0.012	0.028	0.000000	0.000000	-762.20	-1294.77
1	FID	HRC-I-3	7.08	1265	-0.055	-0.051	0.009	0.016	0.000000	0.000000	-1191.30	1008.75
2	FID	HRC-I-4	7.03	1265	0.143	-0.022	0.011	0.025	0.000000	0.000000	1279.84	1008.13
3	GUIDE	896537776	7.54	2530	0.040	0.137	0.061	0.095	266.655684	-29.665673	-875.74	-569.65
4	GUIDE	896540528	8.27	2530	-0.110	0.127	0.083	0.128	267.368305	-29.314773	1259.38	-1992.04
5	GUIDE	896540808	7.44	2530	0.035	-0.168	0.049	0.083	265.985401	-29.308604	-691.47	1884.98
6	GUIDE	896541168	8.15	2530	0.119	-0.044	0.065	0.102	266.319970	-29.850801	-1947.33	61.30
7	GUIDE	896537176	8.03	2529	-0.089	-0.050	0.055	0.089	266.498272	-28.678259	2063.88	1487.98

2.4 Star Slots

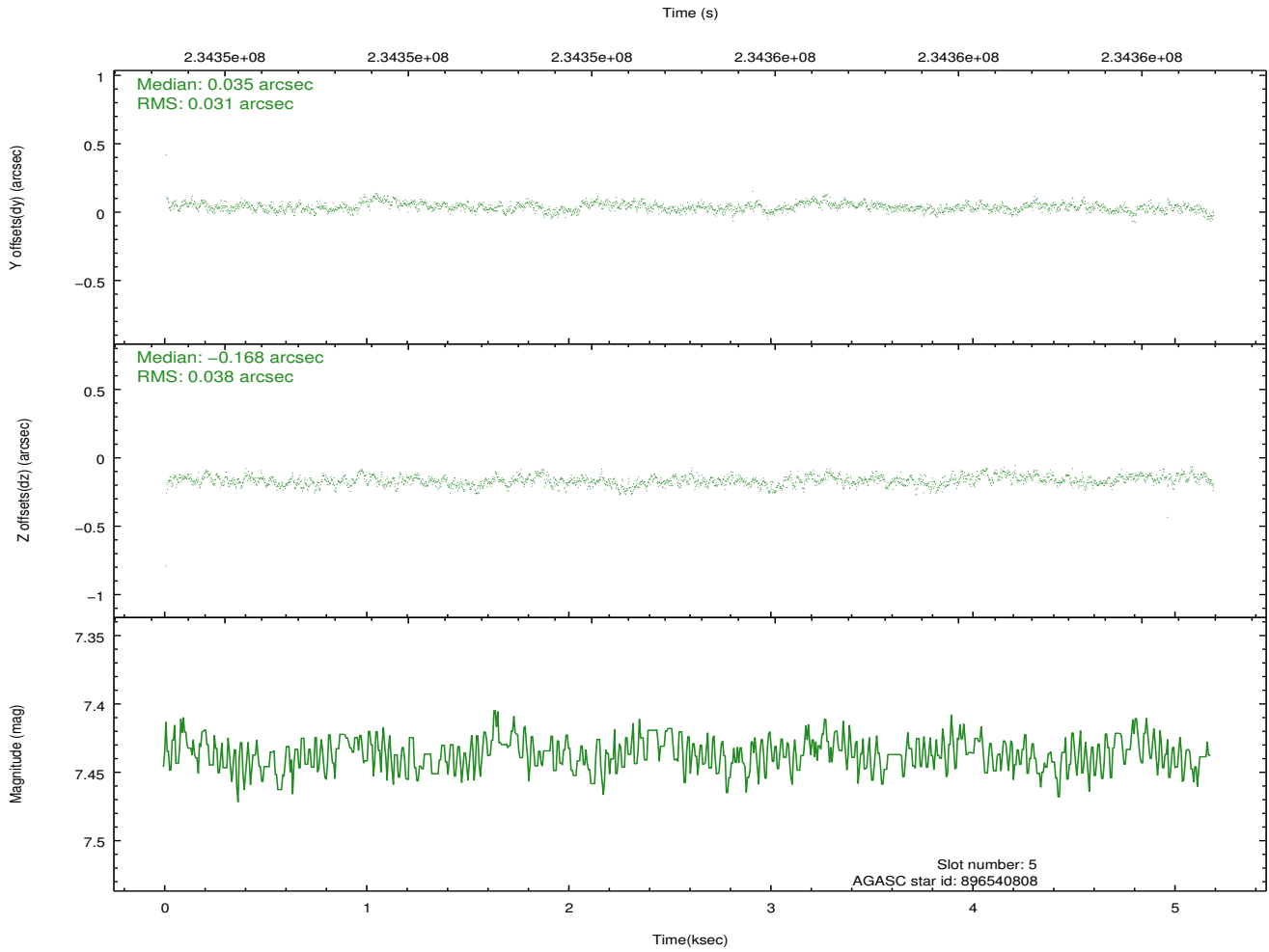
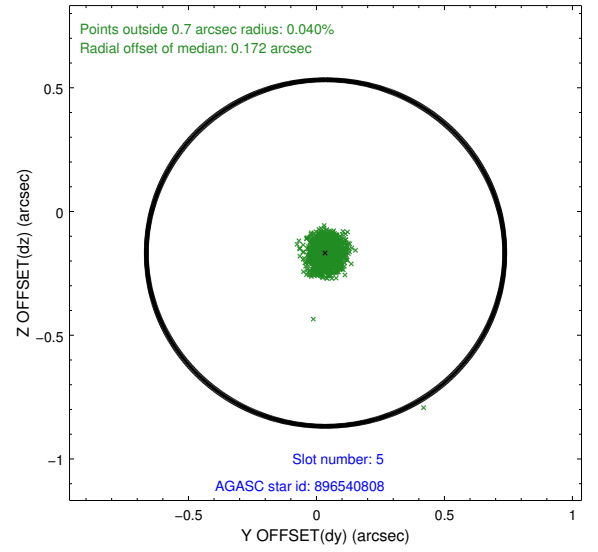
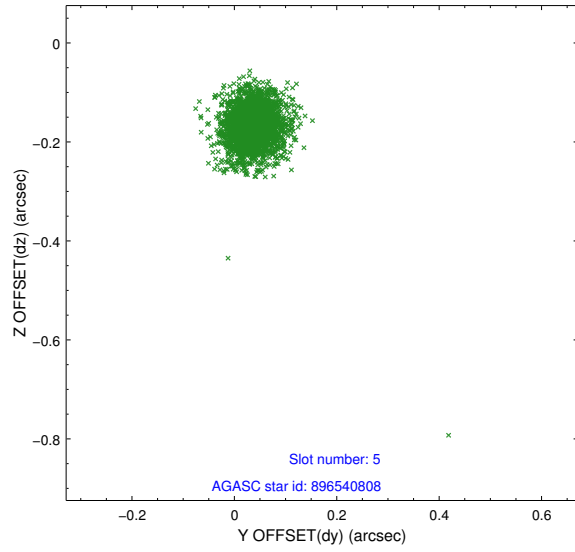
2.4.1 Slot 3



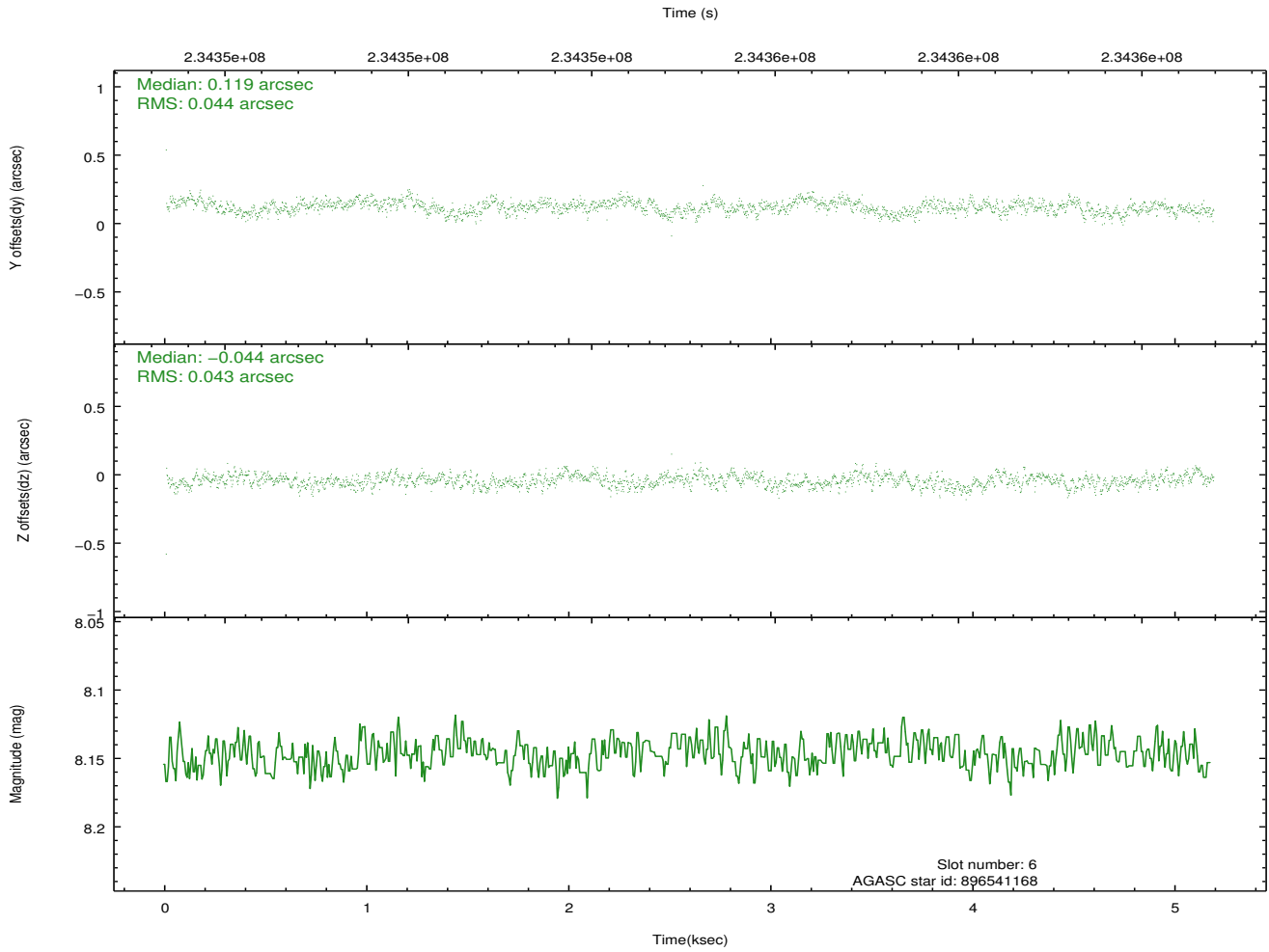
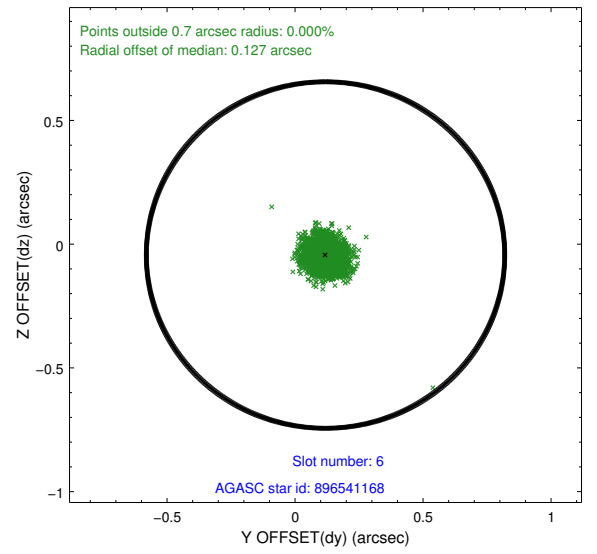
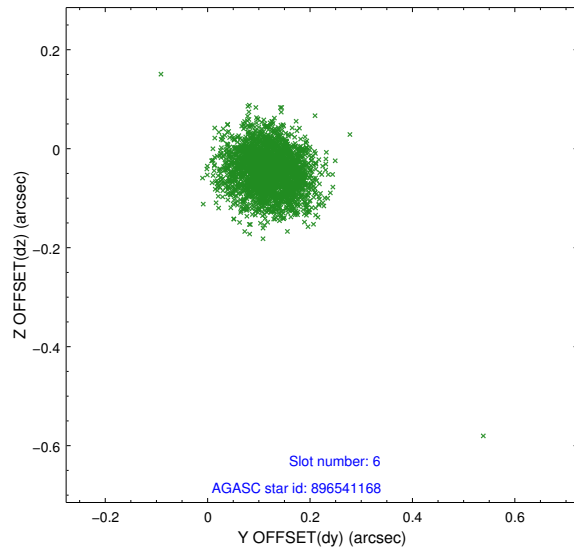
2.4.2 Slot 4



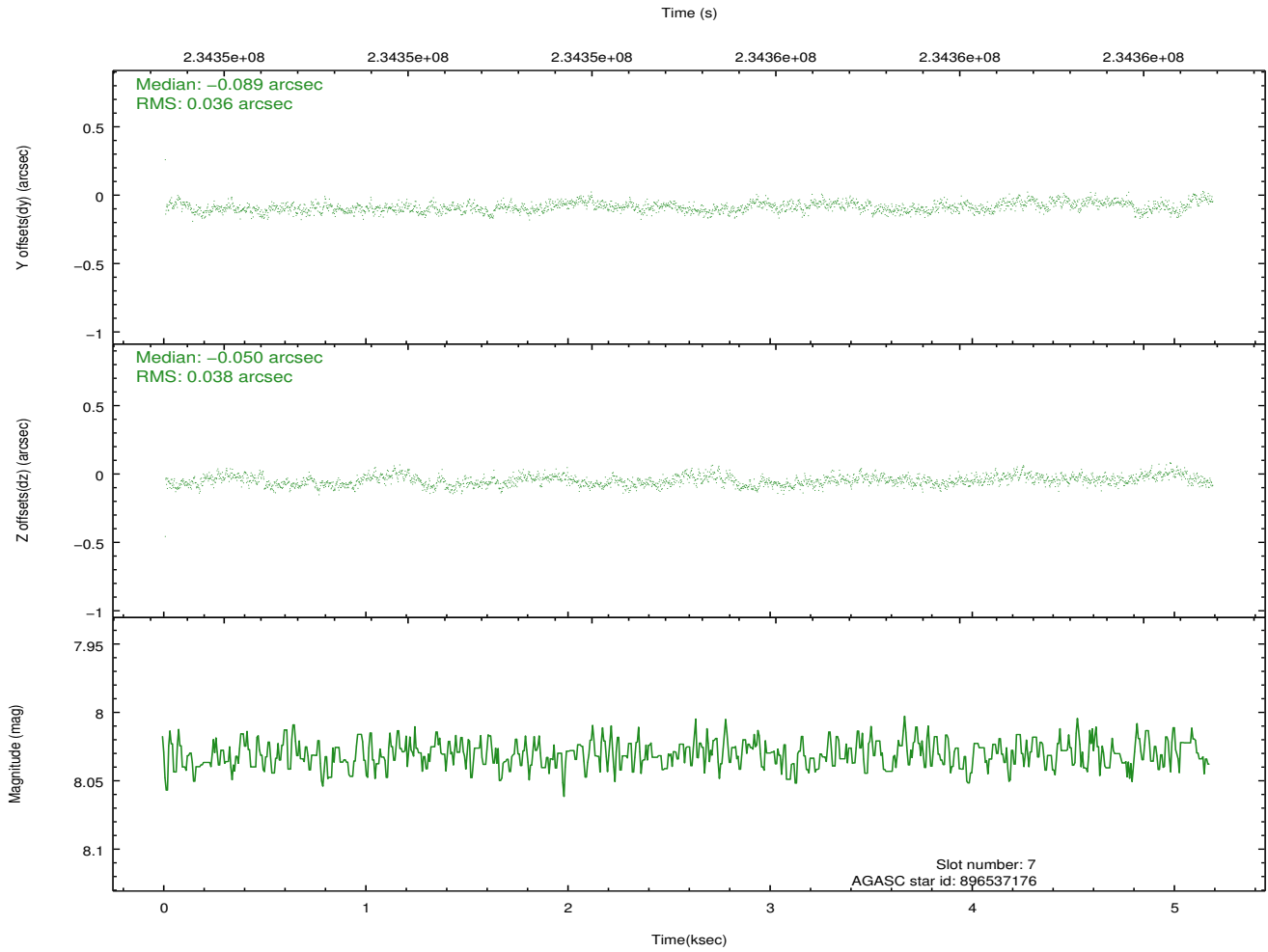
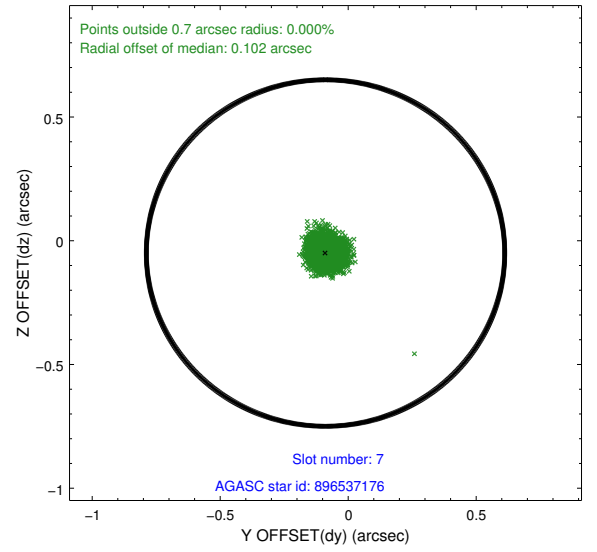
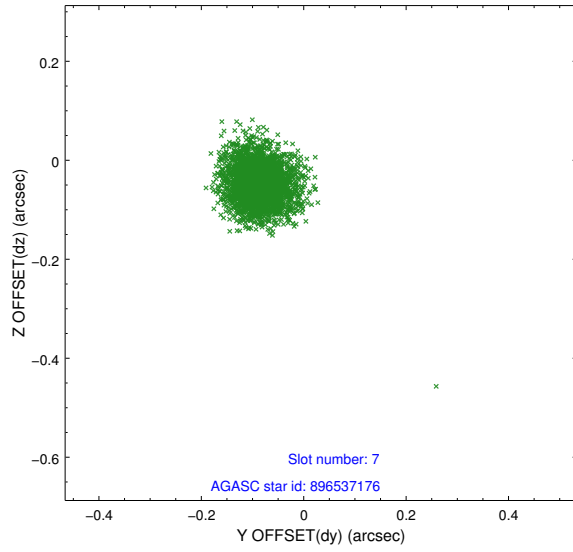
2.4.3 Slot 5



2.4.4 Slot 6

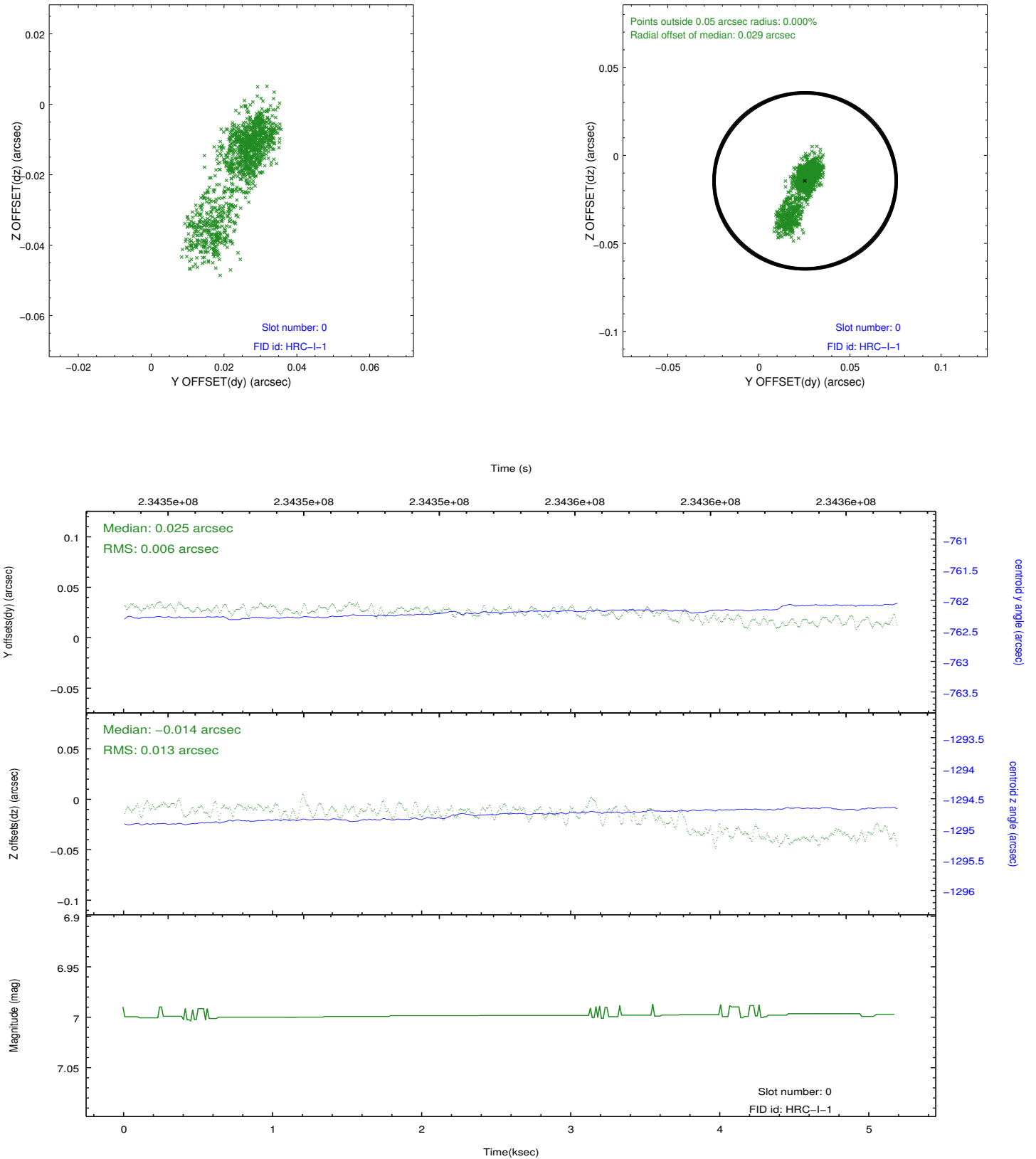


2.4.5 Slot 7

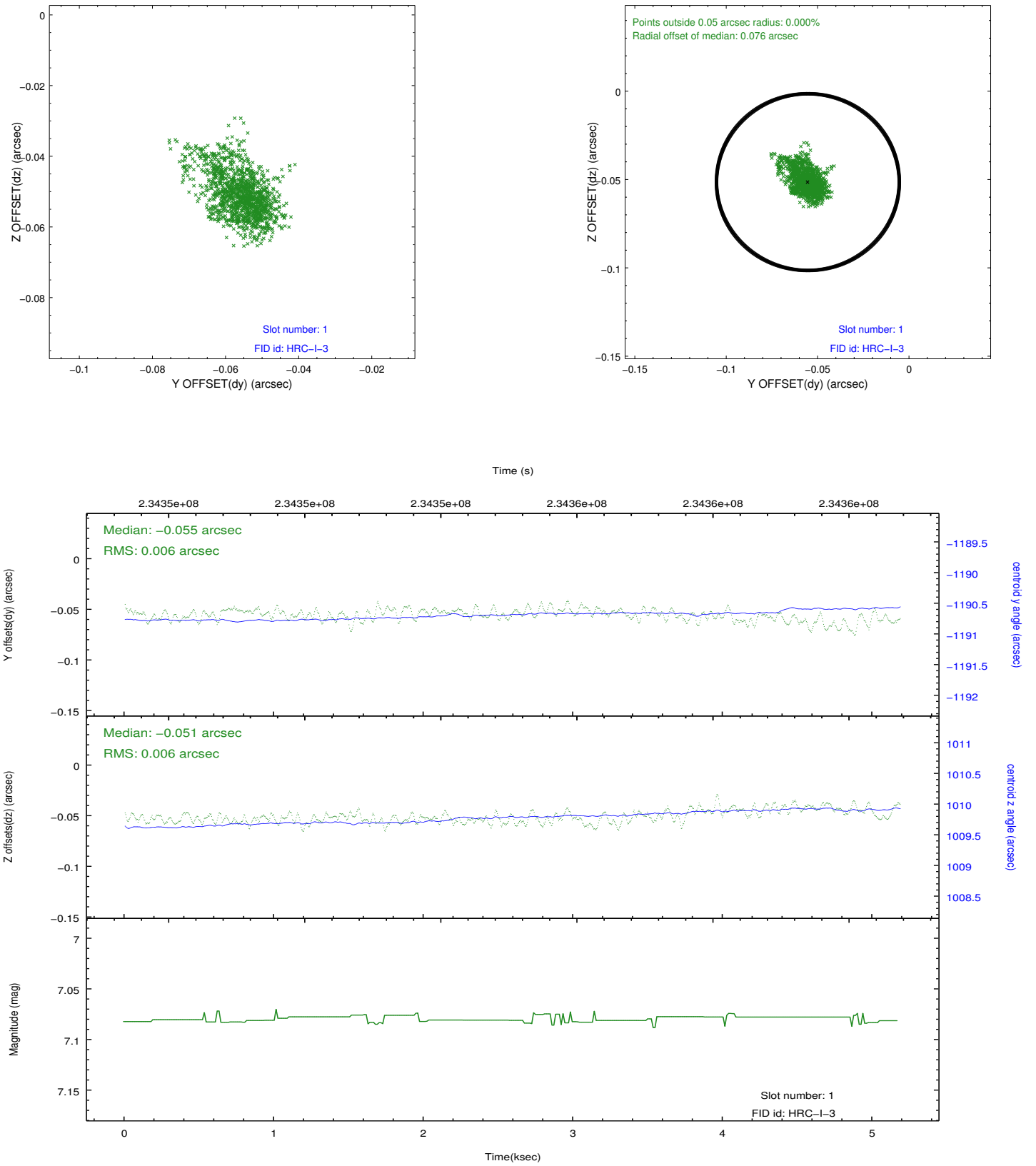


2.5 FID Slots

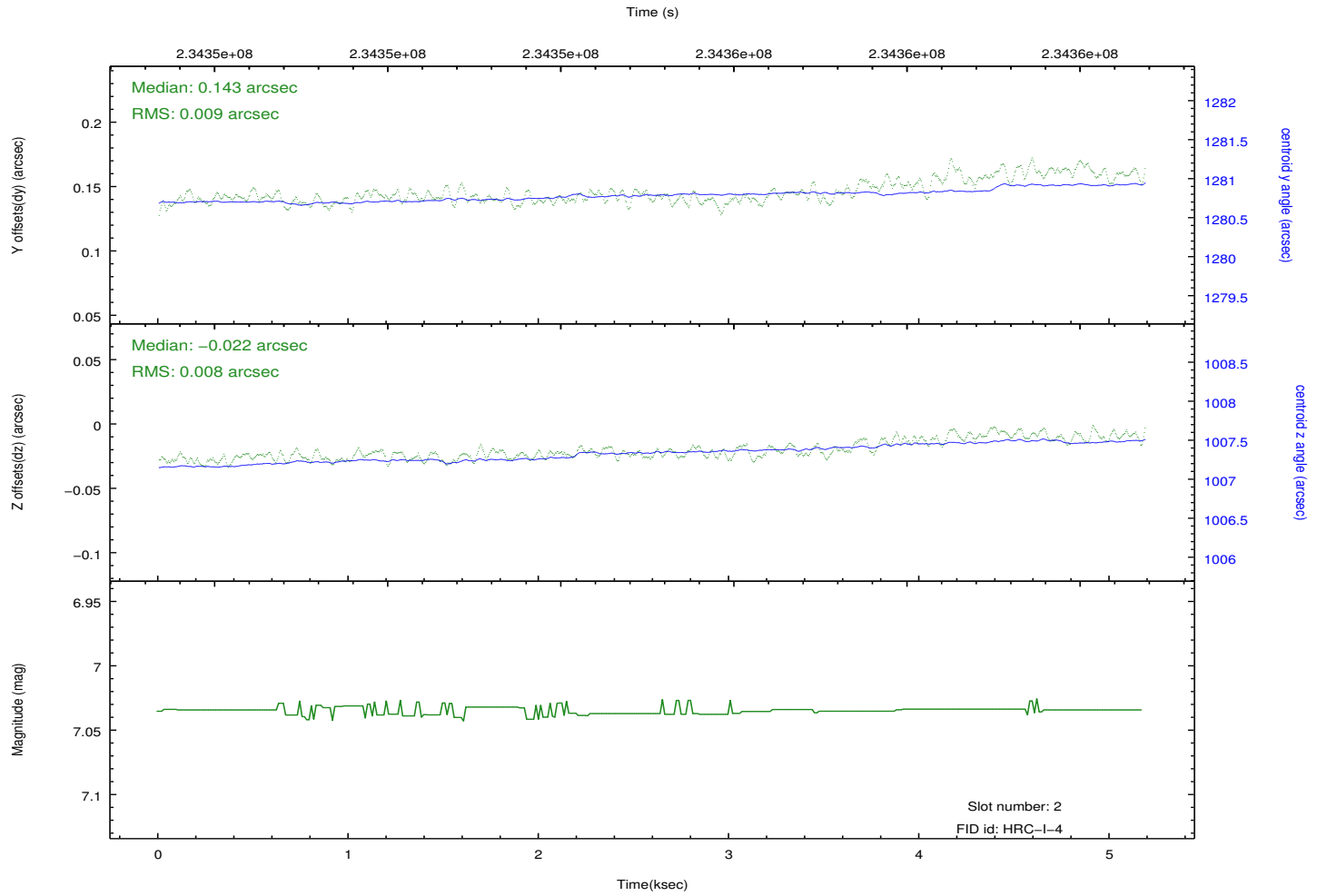
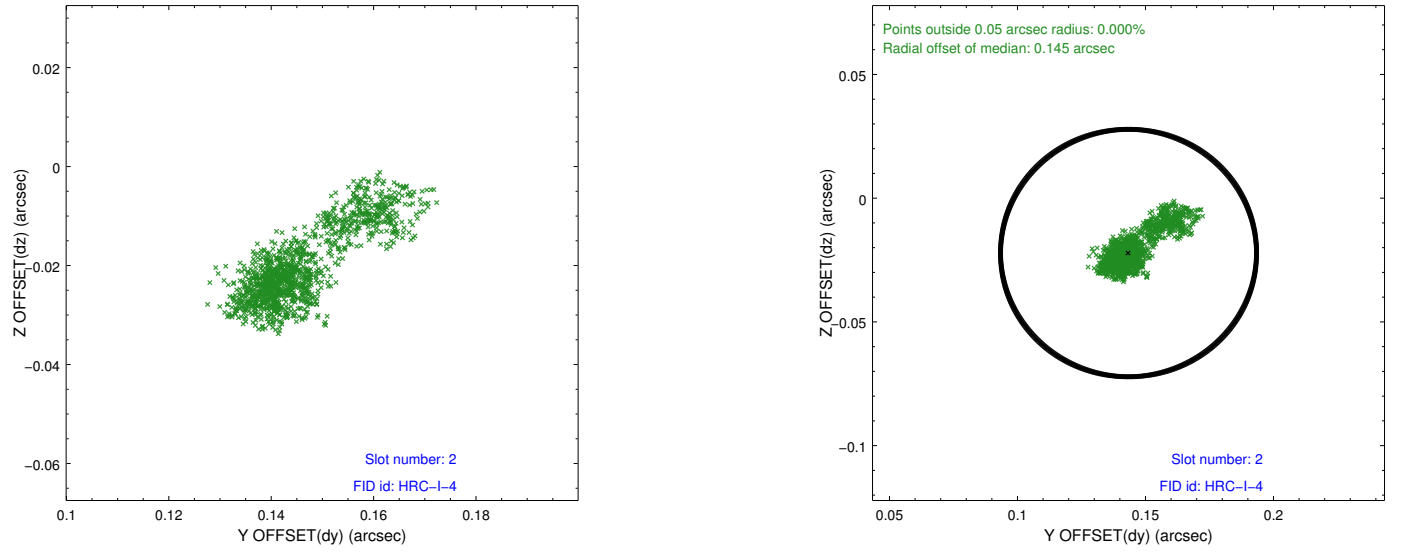
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.183681

A.2 Comments

Joint Proposal: CX0-XMM