

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9040 - L2 Version 3
Chandra X-Ray Center

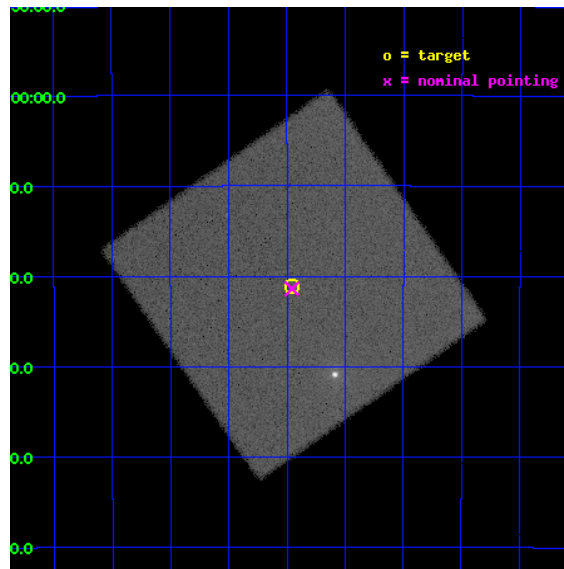
L2 Processing Date : Aug 12 2012

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	400891	Sequence number
obs_id	9040	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-6	Source name
ra_targ	266.615	Observer's specified target RA [deg]
dec_targ	-29.352417	Observer's specified target Dec [deg]
ra_nom	266.6142938873	Nominal RA [deg]
dec_nom	-29.356643339764	Nominal Dec [deg]
roll_nom	280.17216755405	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5177.5315033197	[s]
livetime	5119.8854518306	Ontime multiplied by DTCOR
l2events	357072	Number of level 2 events

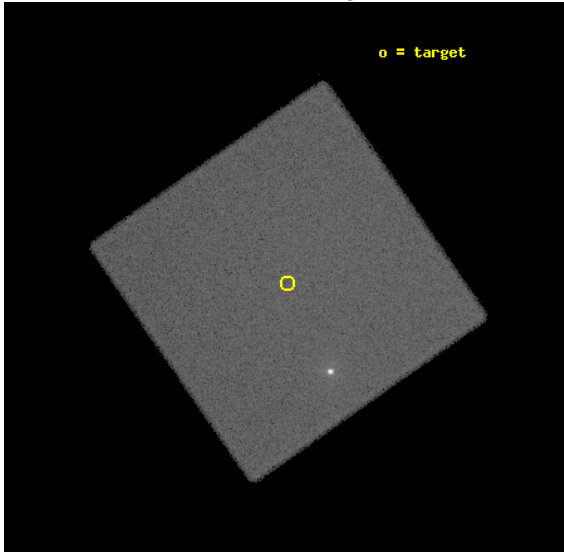


2 OBI

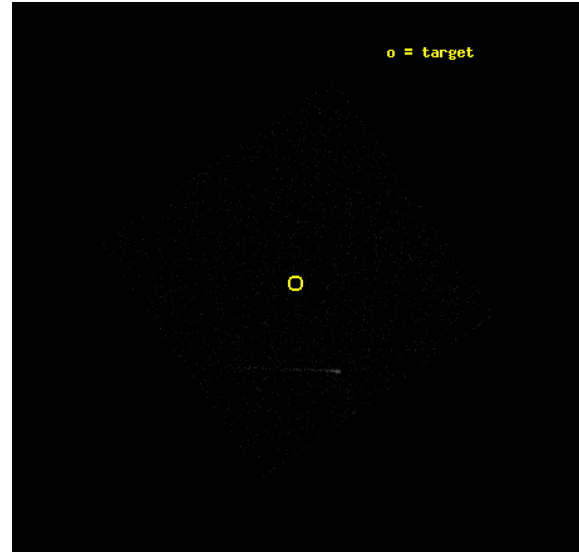
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5177.5315033197	[s]
caldbver	4.5.1.1	 	l1events	544788	Number of level 1 events
date	2012-08-12T16:05:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

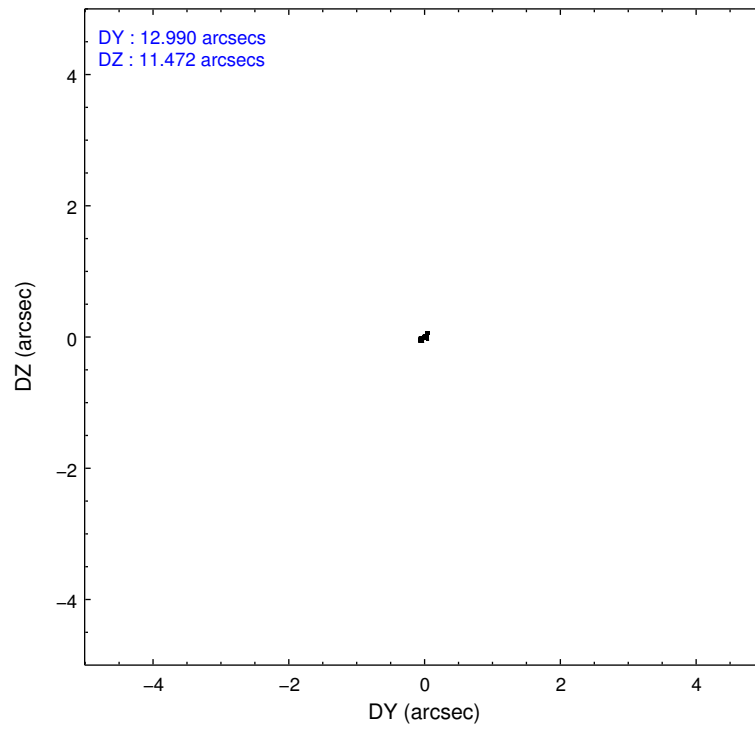
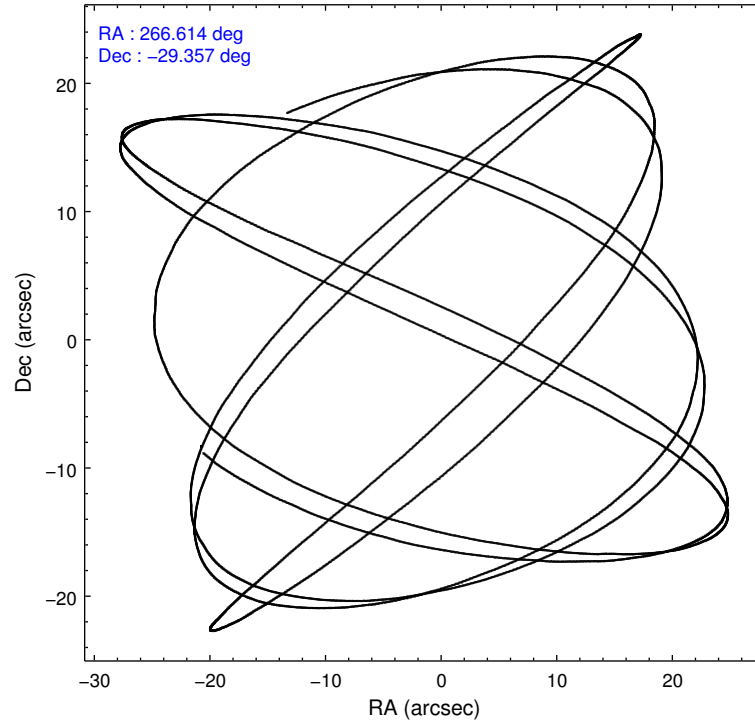
Level 1 Events

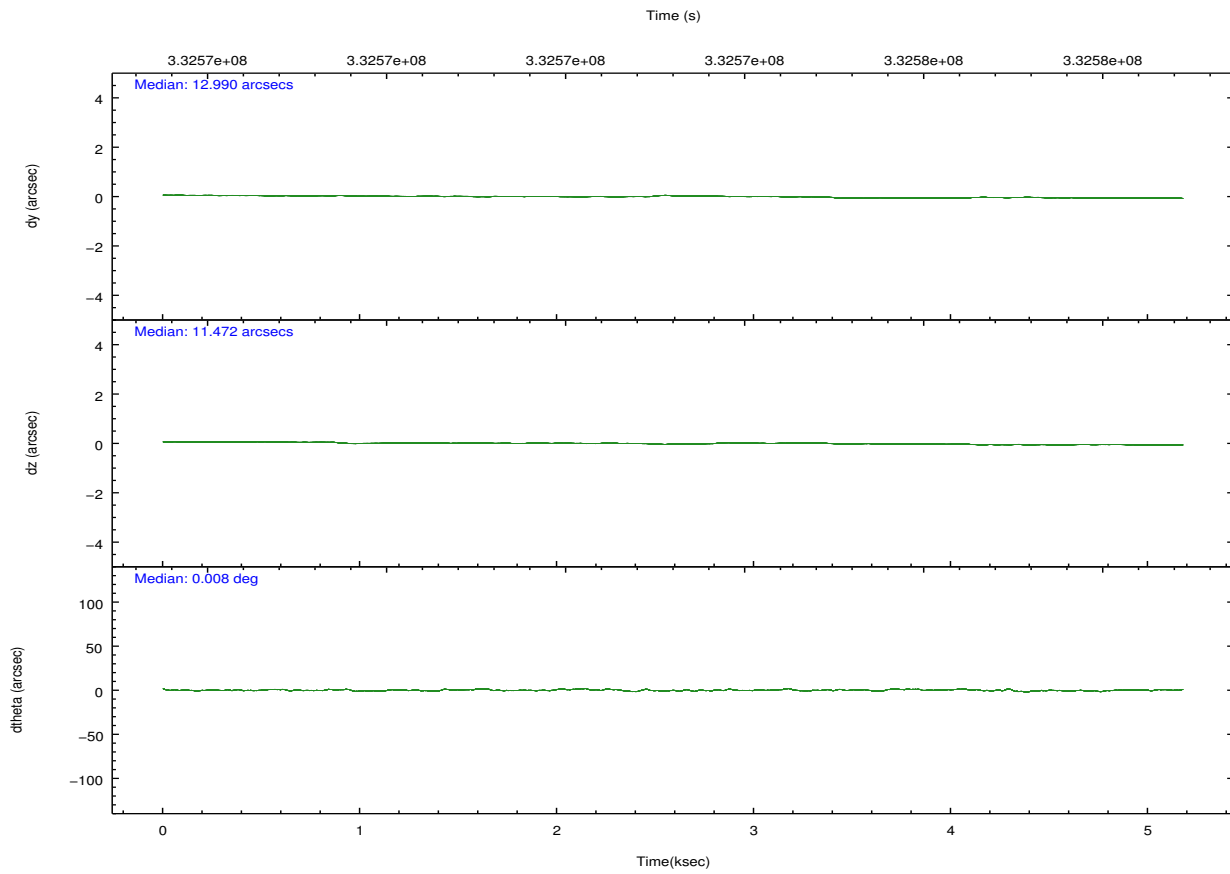
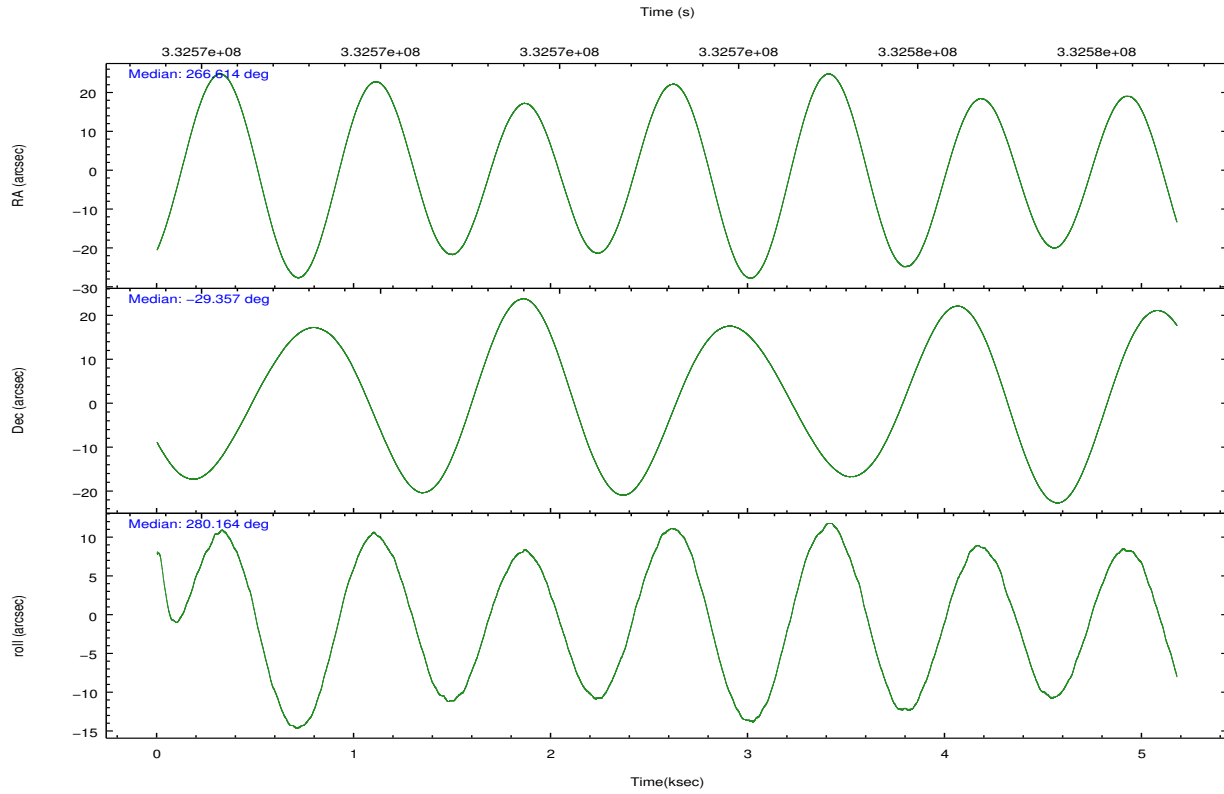
	segment 0
level 1 events	544788
rejected events	34242
rejected %	6%

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	266.593359	266.6142938873024			
[deg] Pointing Dec	-29.336181	-29.35664333976395			
[deg] Pointing Roll	280.257385	280.1721675540477			
[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)	332571189.184000	332570807.58238			
Observation start date	2008-07-16T04:52:04	2008-07-16T04:46:47			
[s] Observation end time (MET)	332576189.184000	332576323.10765			
Observation end date	2008-07-16T06:15:24	2008-07-16T06:18:43			

2.3 Aspect



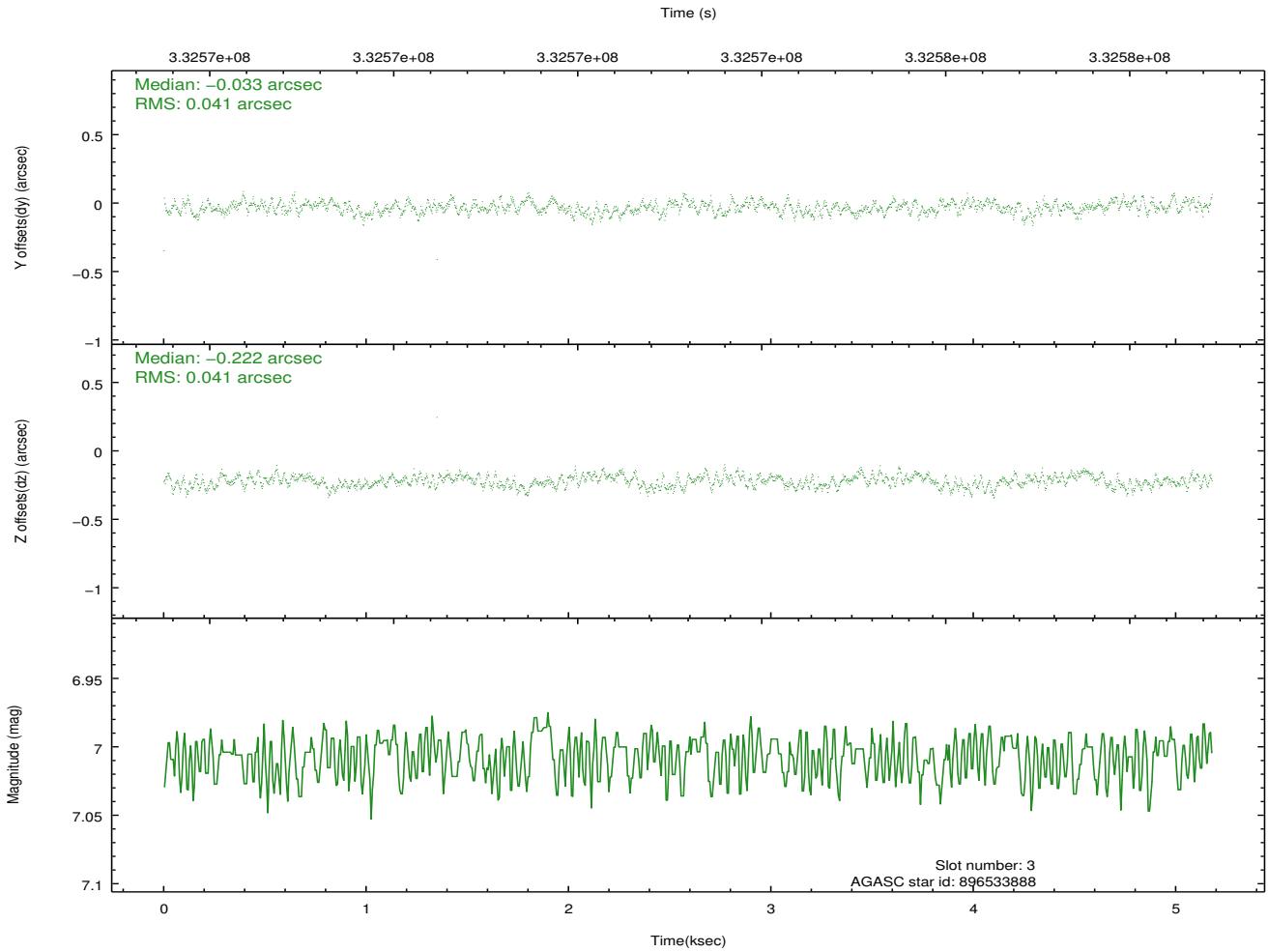
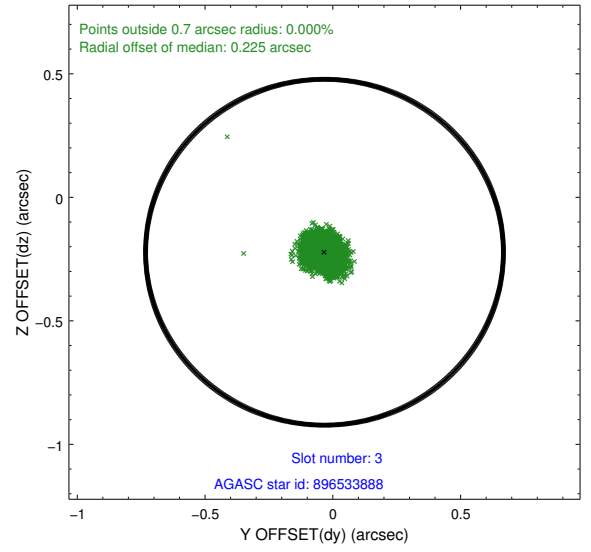
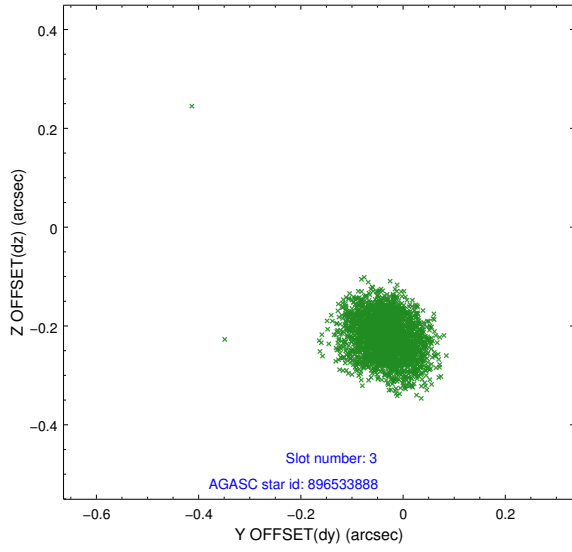


Slot Statistics

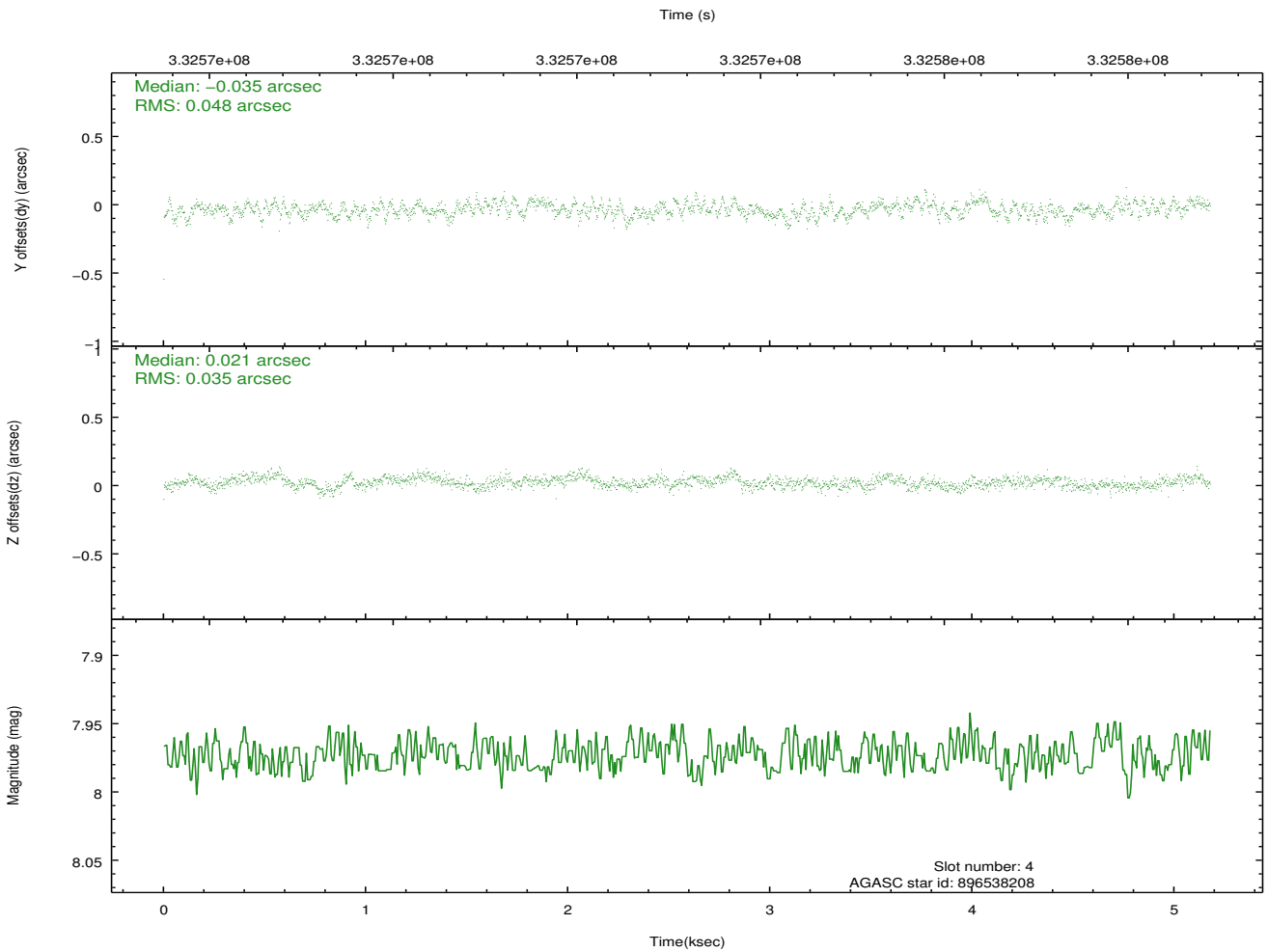
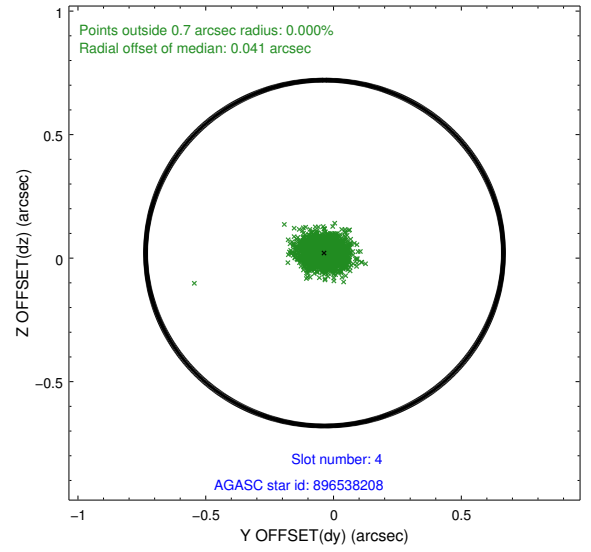
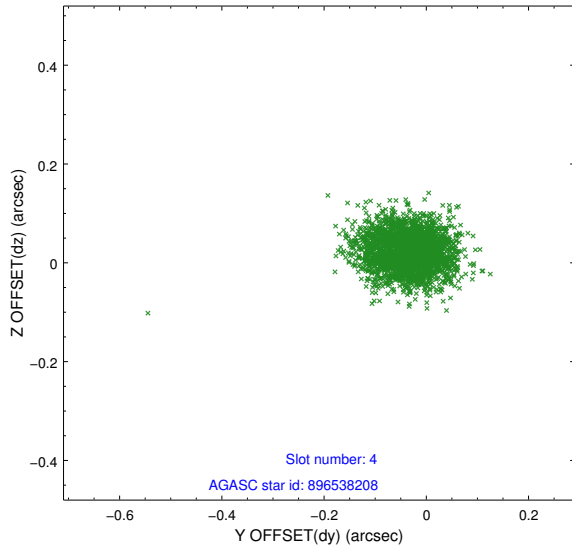
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	1263	-0.058	0.013	0.007	0.014	0.000000	0.000000	-768.77	-1299.45
1	FID	HRC-I-2	7.00	1263	0.194	-0.104	0.006	0.013	0.000000	0.000000	843.51	-1302.14
2	FID	HRC-I-3	7.06	1263	-0.017	0.002	0.007	0.017	0.000000	0.000000	-1196.58	1004.07
3	GUIDE	896533888	7.01	2526	-0.033	-0.222	0.062	0.097	266.666434	-29.392757	241.06	188.57
4	GUIDE	896538208	7.97	2526	-0.035	0.021	0.062	0.100	267.176969	-28.671626	-2021.95	2238.51
5	GUIDE	896540808	7.49	2527	-0.007	0.043	0.057	0.088	265.985401	-29.308604	-433.37	-1860.83
6	GUIDE	896541168	8.15	2527	0.099	0.054	0.067	0.107	266.319970	-29.850801	1672.03	-1171.18
7	GUIDE	896541576	8.18	2522	-0.021	0.107	0.071	0.119	267.051055	-28.762912	-1770.64	1787.25

2.4 Star Slots

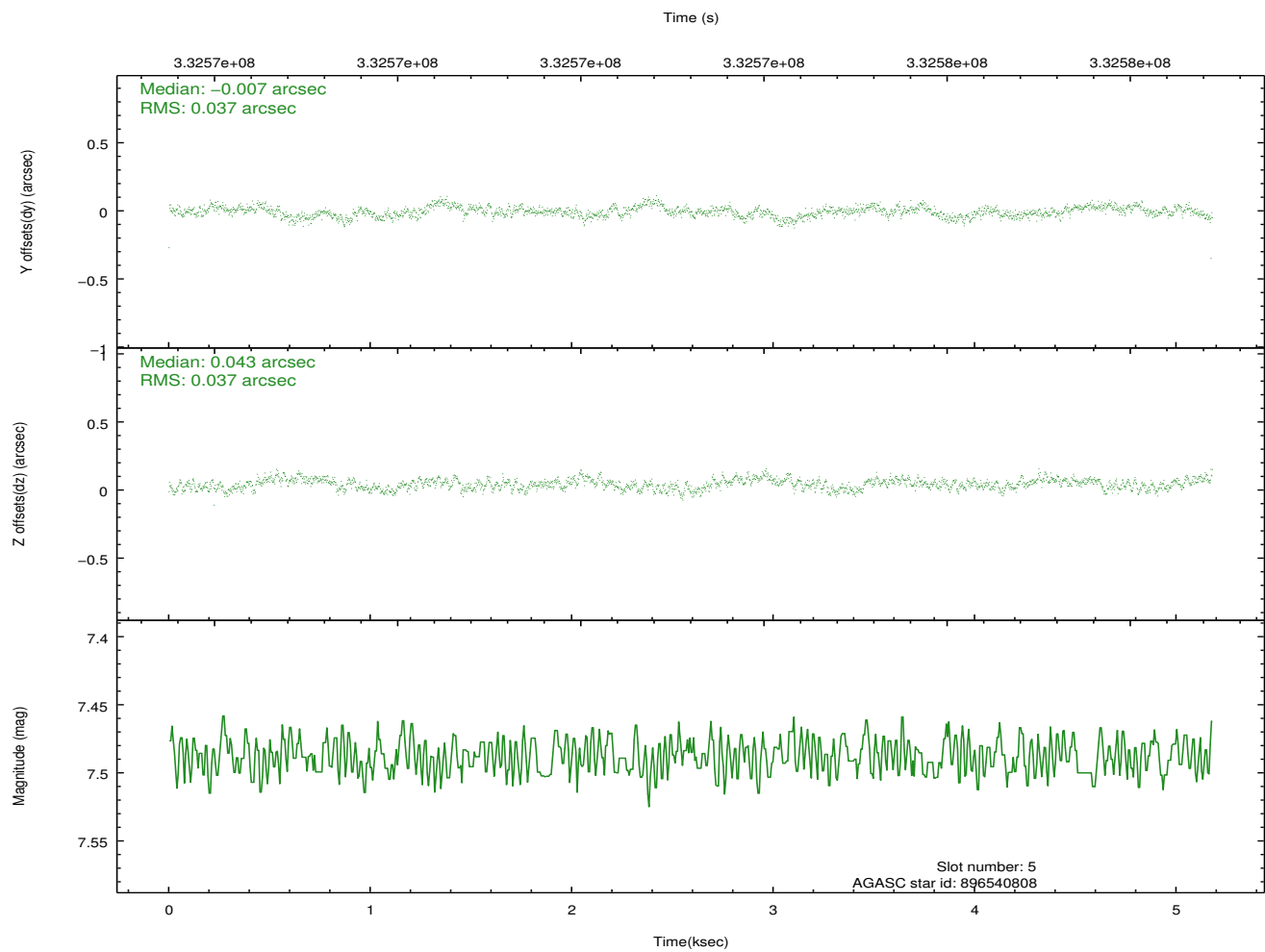
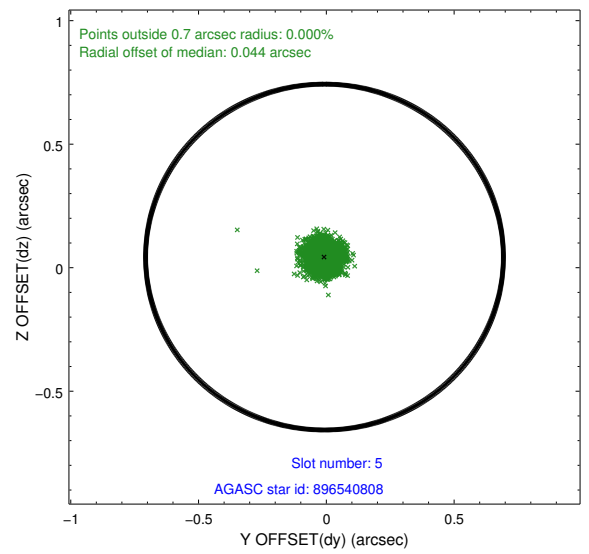
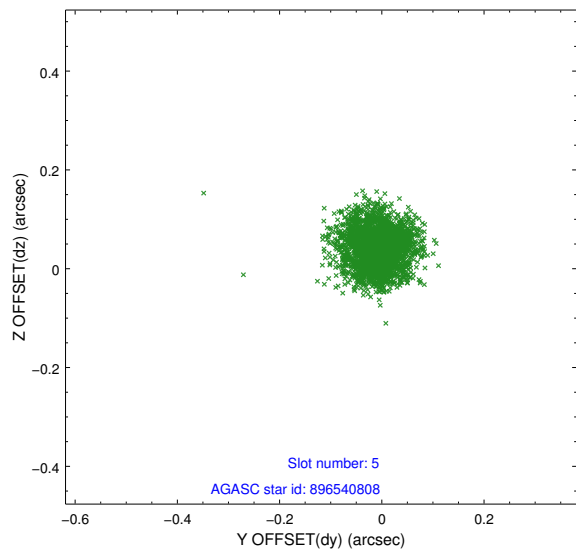
2.4.1 Slot 3



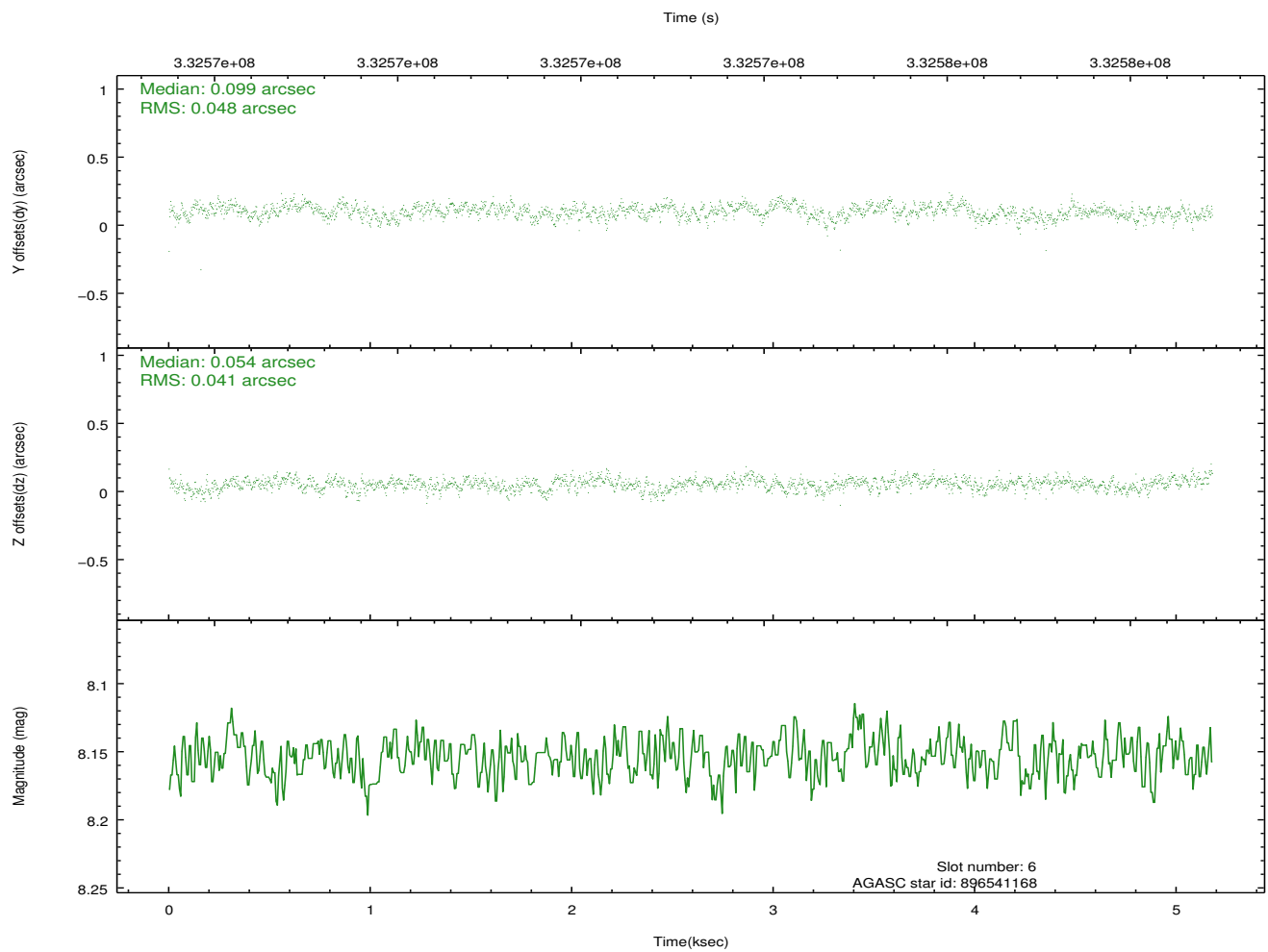
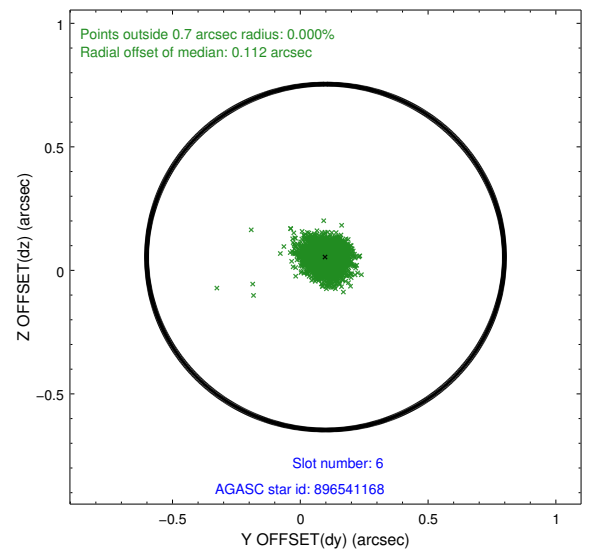
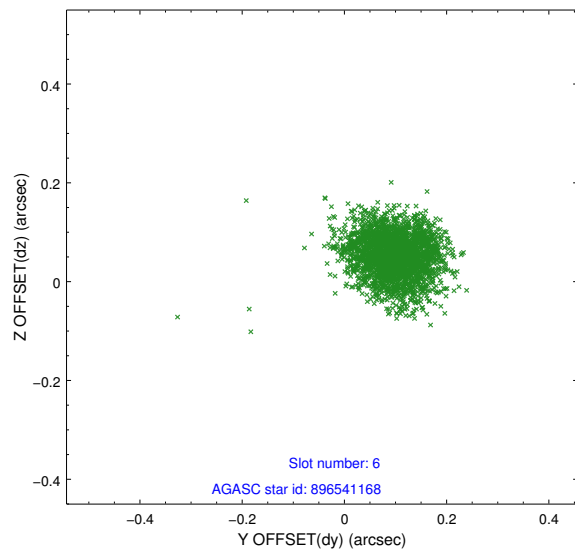
2.4.2 Slot 4



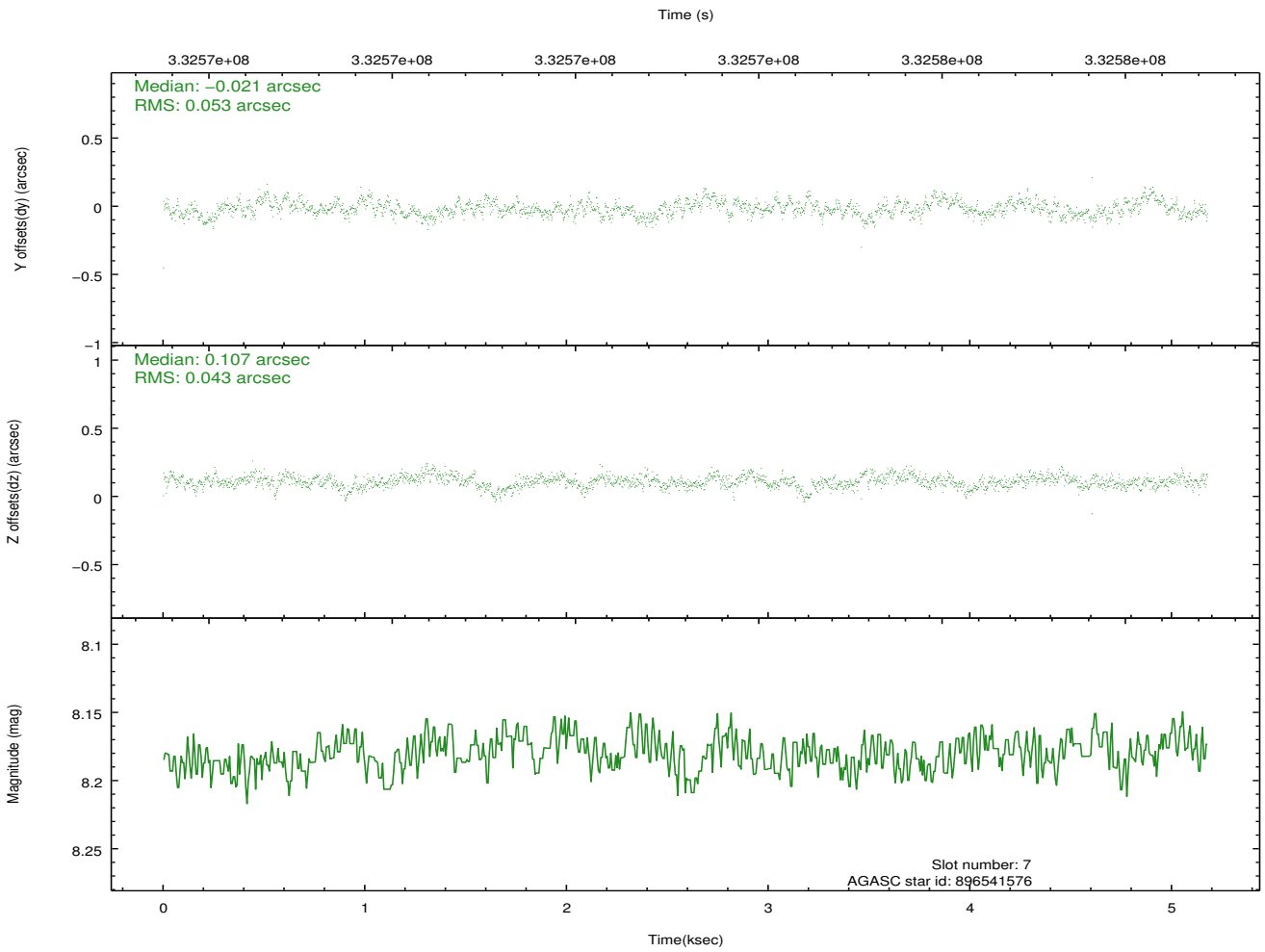
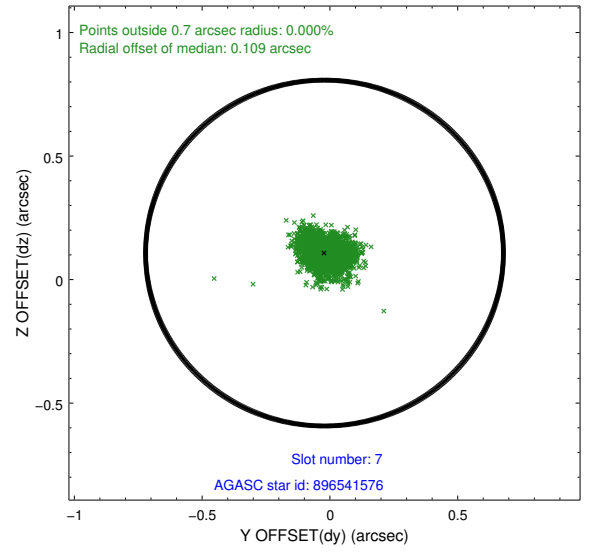
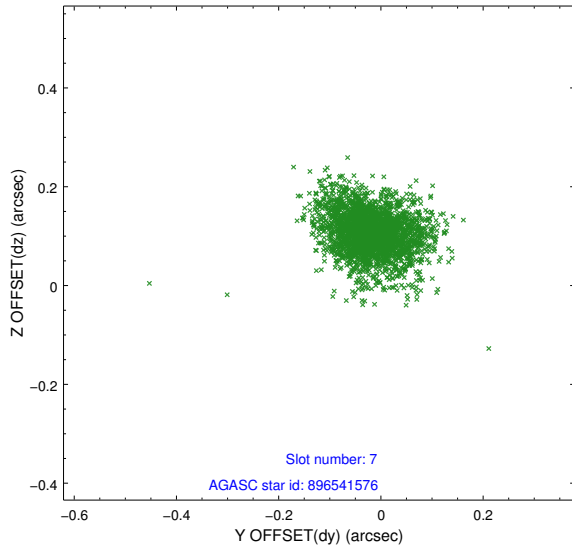
2.4.3 Slot 5



2.4.4 Slot 6

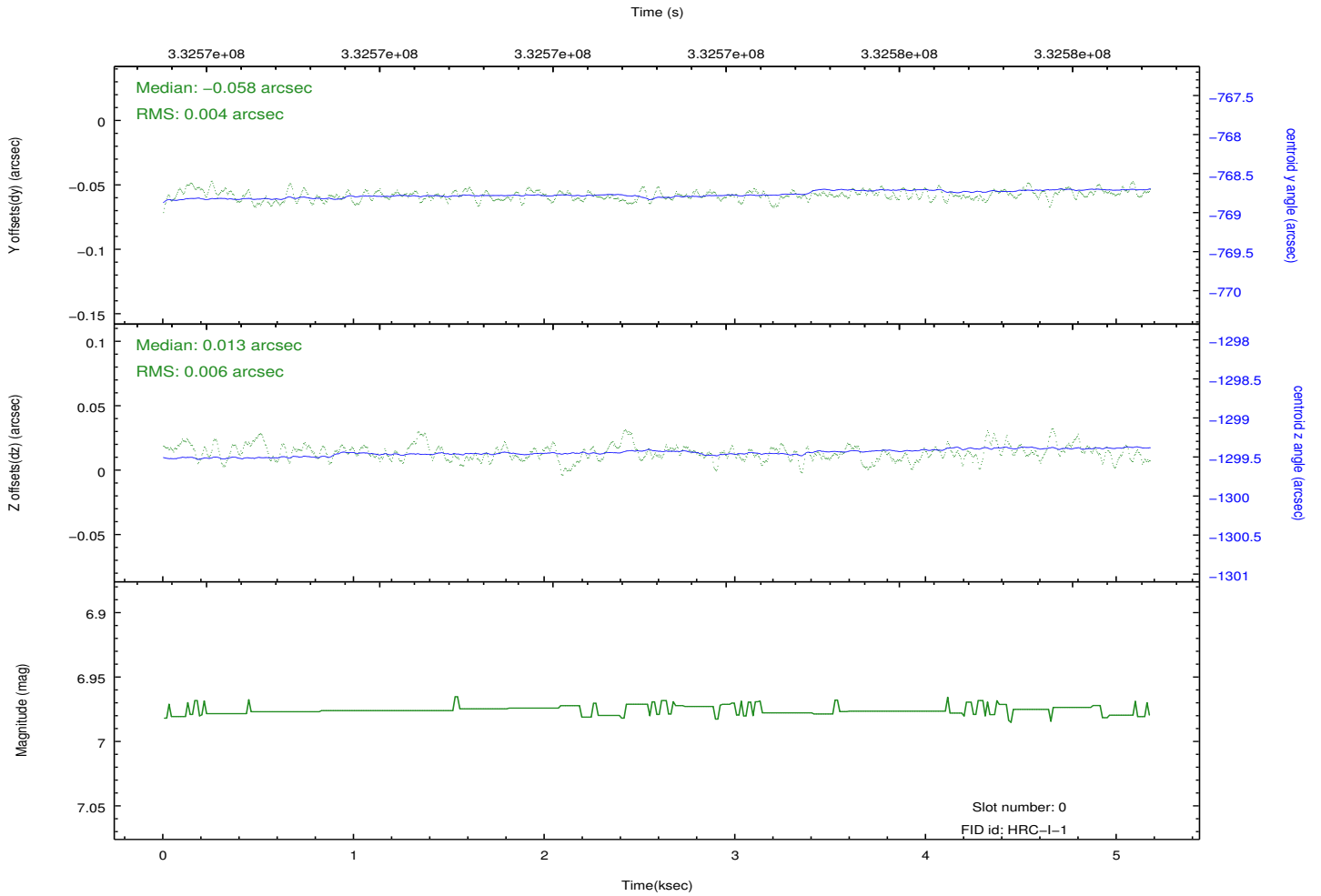
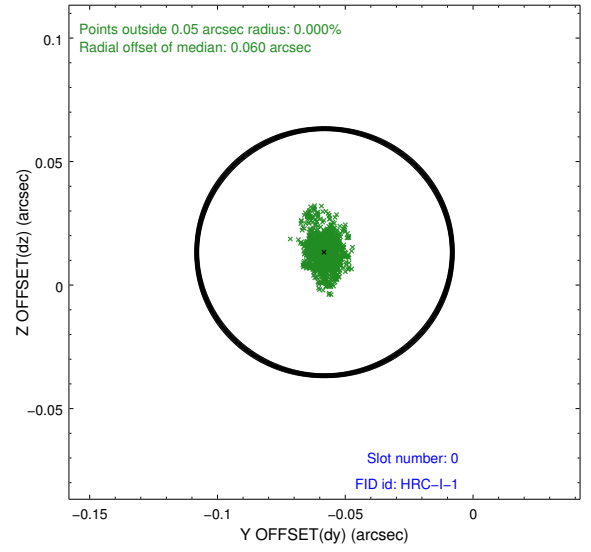
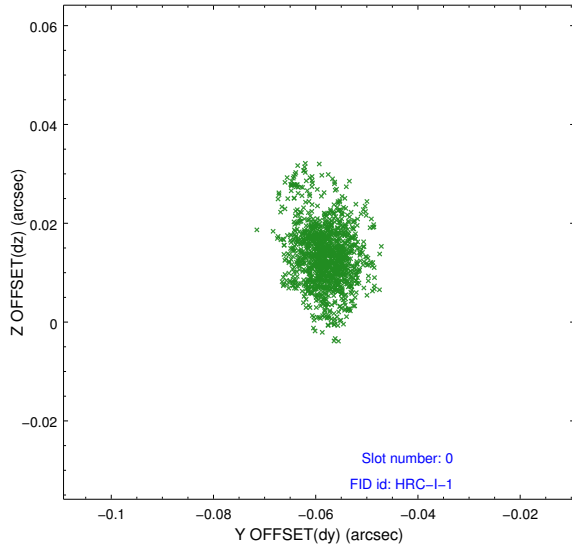


2.4.5 Slot 7

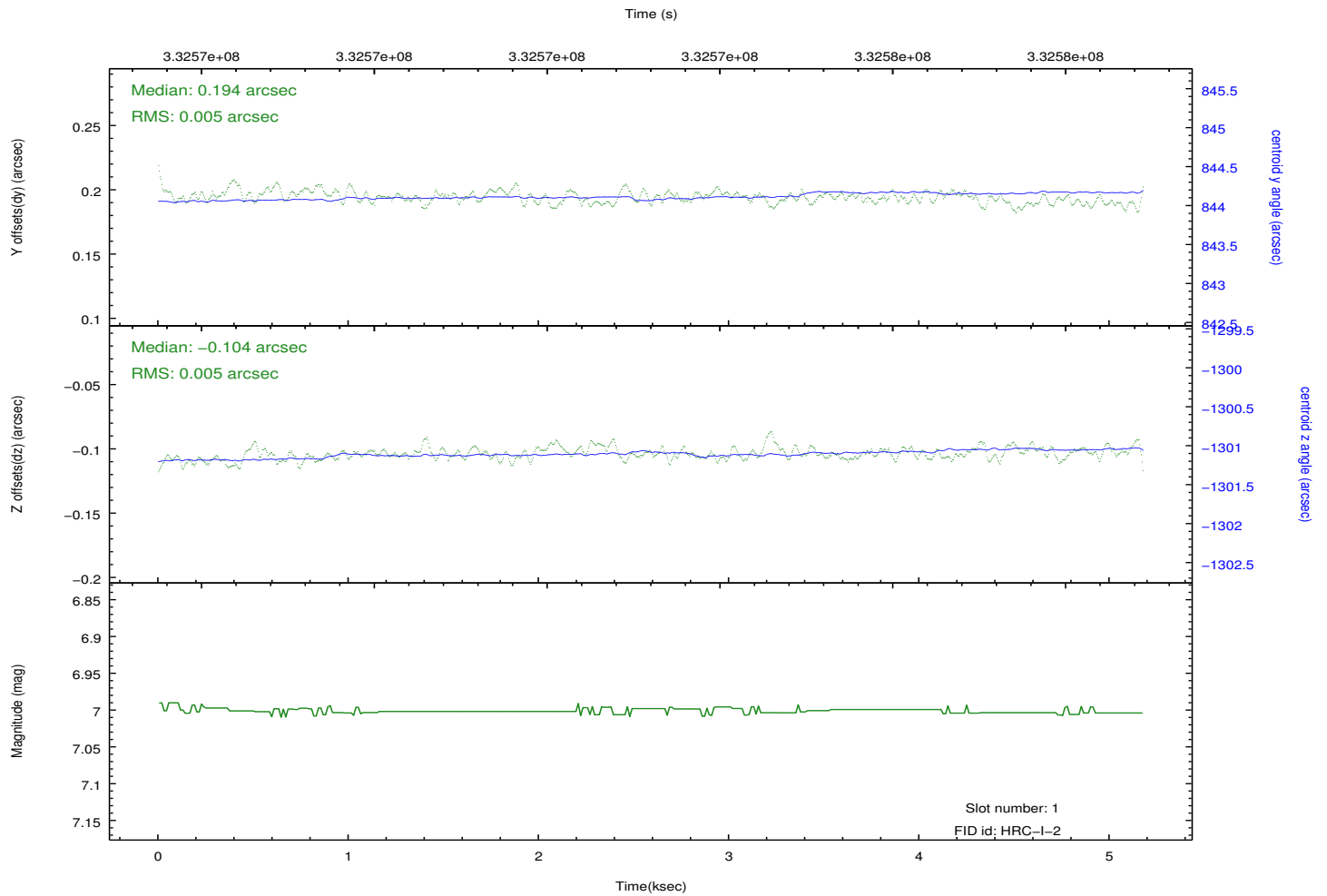
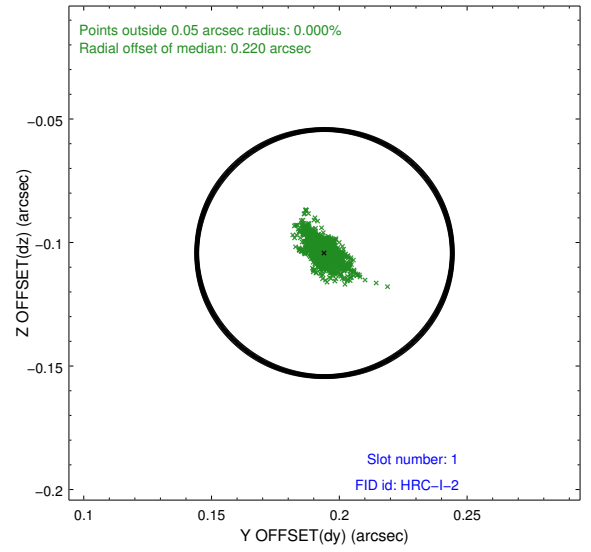
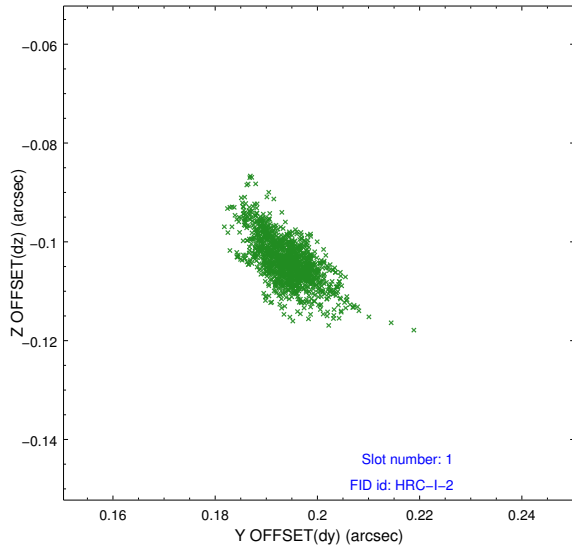


2.5 FID Slots

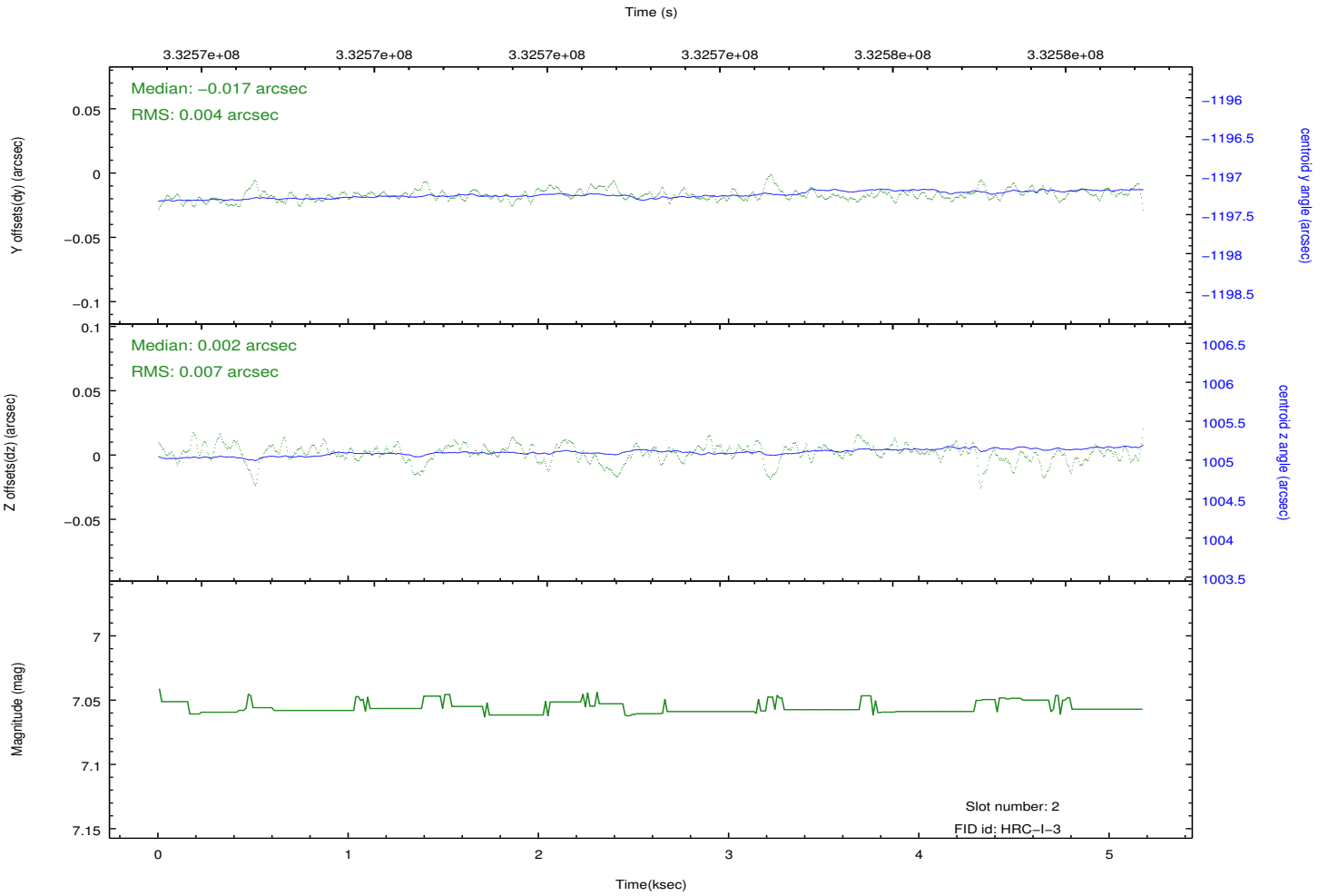
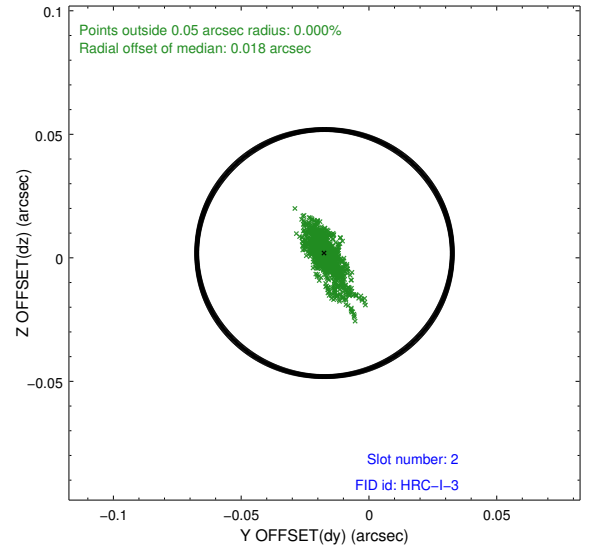
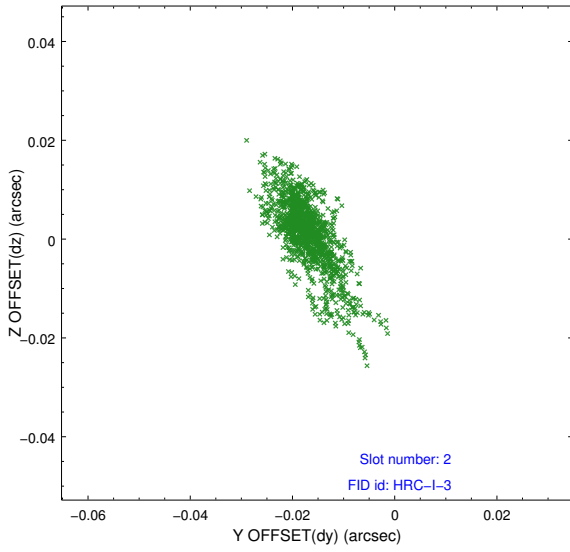
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17727525

A.2 Comments

Joint Proposal with XMM.