

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9073 - L2 Version 3
Chandra X-Ray Center

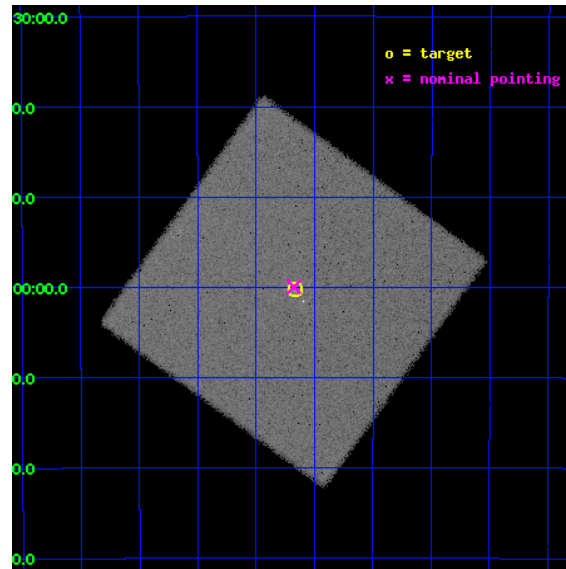
L2 Processing Date : Aug 12 2012

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

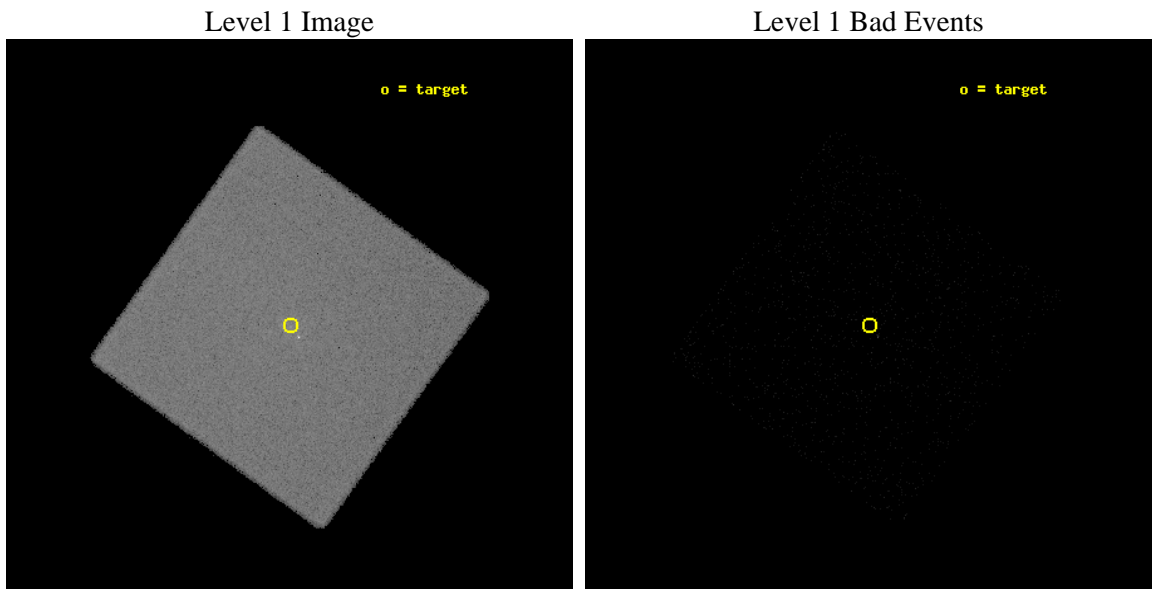
seq_num	400924	Sequence number
obs_id	9073	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-2	Source name
ra_targ	266.416667	Observer's specified target RA [deg]
dec_targ	-29.003056	Observer's specified target Dec [deg]
ra_nom	266.41918492632	Nominal RA [deg]
dec_nom	-28.999289137132	Nominal Dec [deg]
roll_nom	80.905740518506	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5179.5815023184	[s]
livetime	5125.6170430328	Ontime multiplied by DTCOR
l2events	325441	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5179.5815023184	[s]
caldbver	4.5.1.1	 	l1events	505087	Number of level 1 events
date	2012-08-12T12:34:03	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

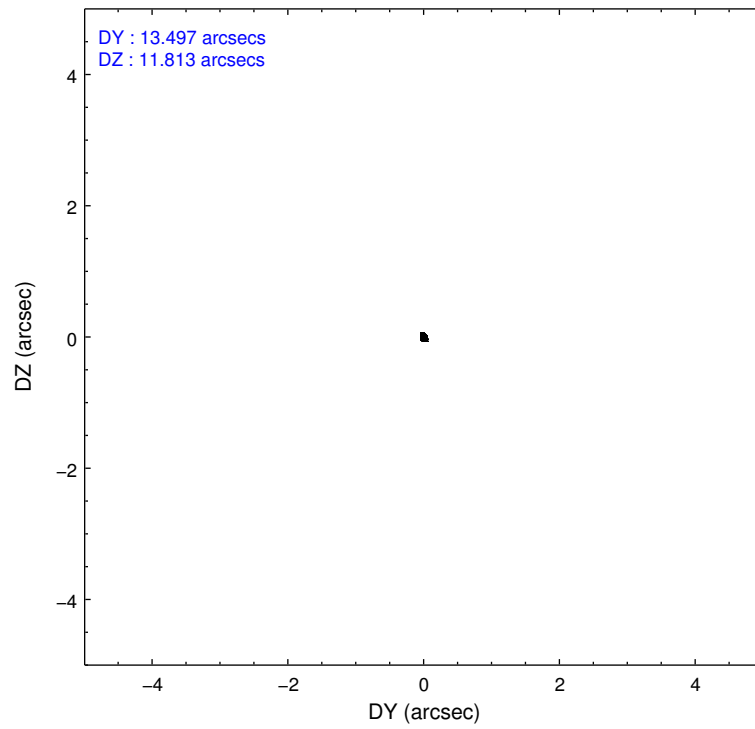
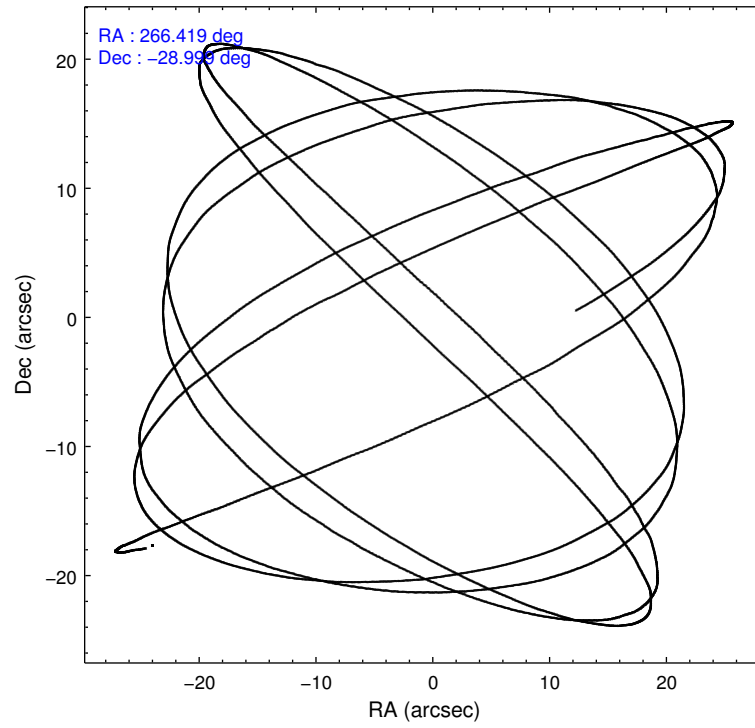
Level 1 Events

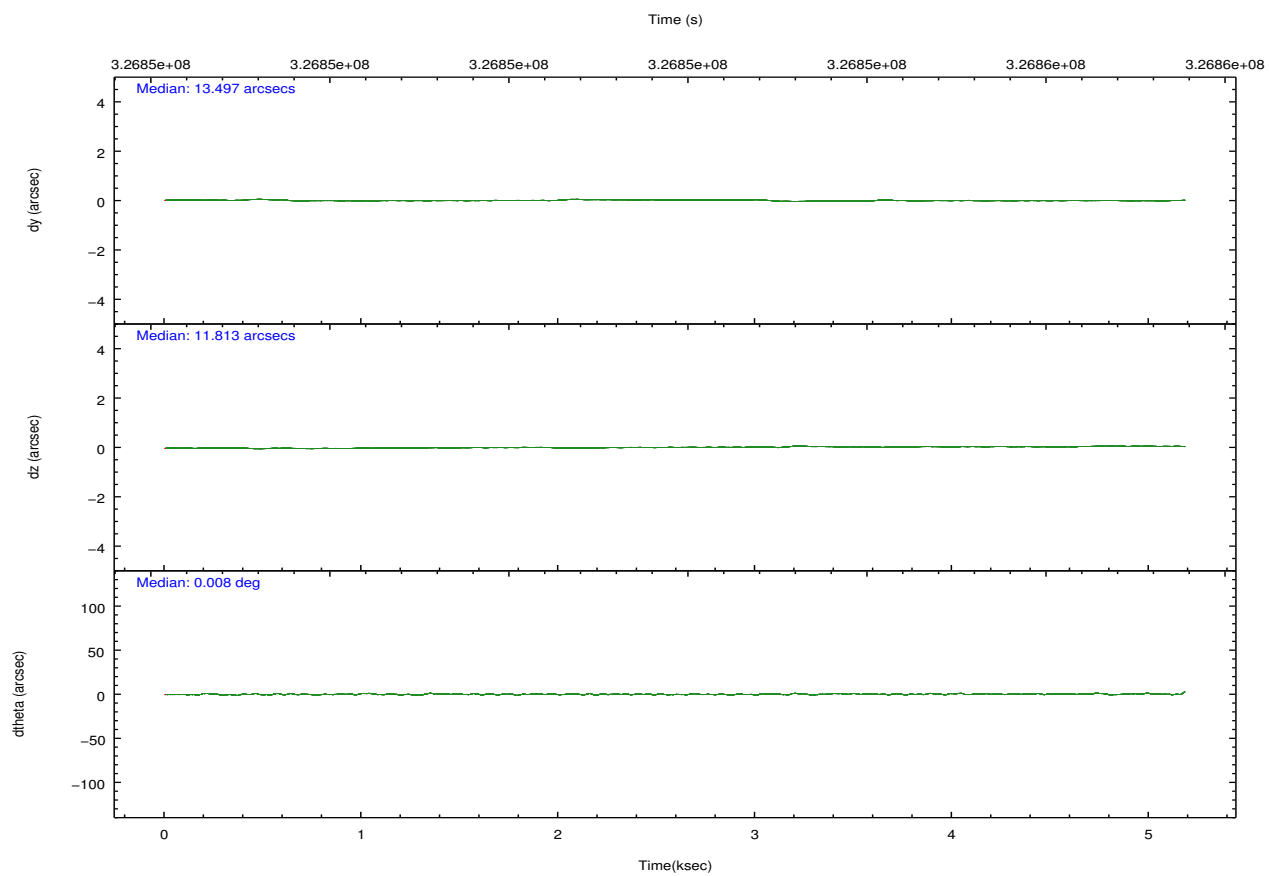
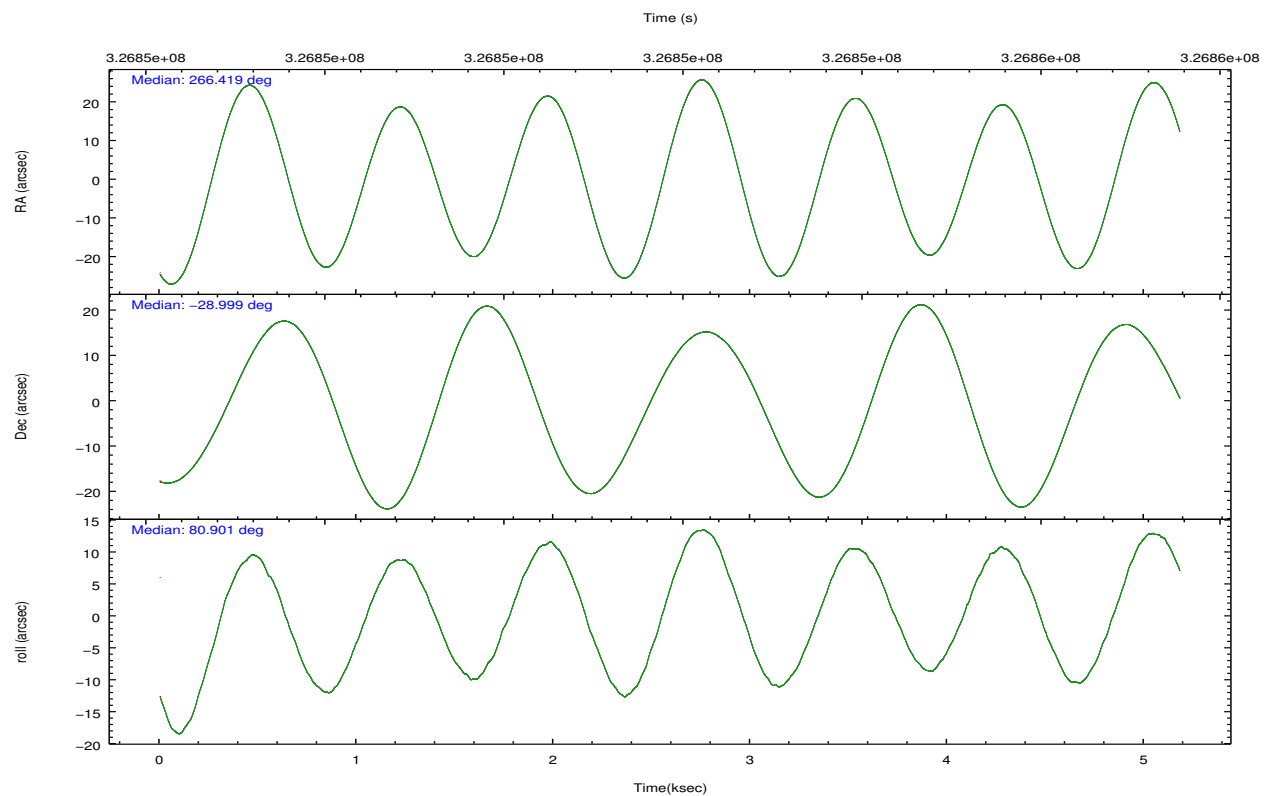
	segment 0
level 1 events	505087
rejected events	30230
rejected %	5%

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	266.430905	266.4191849263249			
[deg] Pointing Dec	-29.024596	-28.99928913713247			
[deg] Pointing Roll	81.006907	80.90574051850579			
[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)	326850524.184000	326850148.02783			
Observation start date	2008-05-10T23:47:39	2008-05-10T23:42:28			
[s] Observation end time (MET)	326855524.184000	326855657.9156			
Observation end date	2008-05-11T01:10:59	2008-05-11T01:14:17			

2.3 Aspect



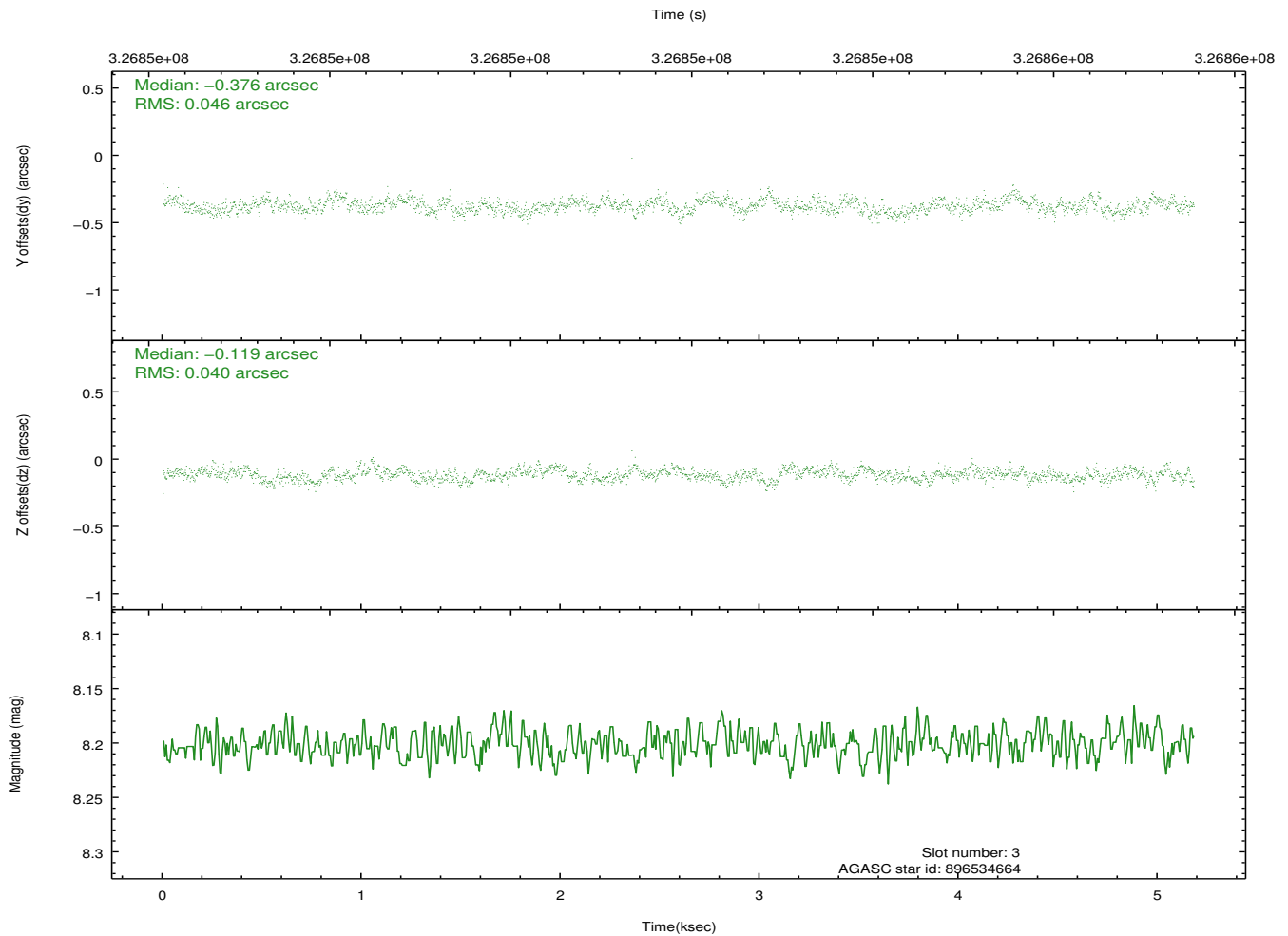
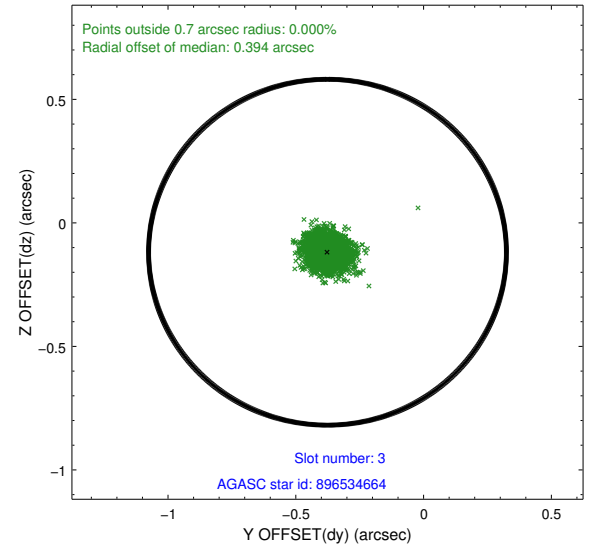
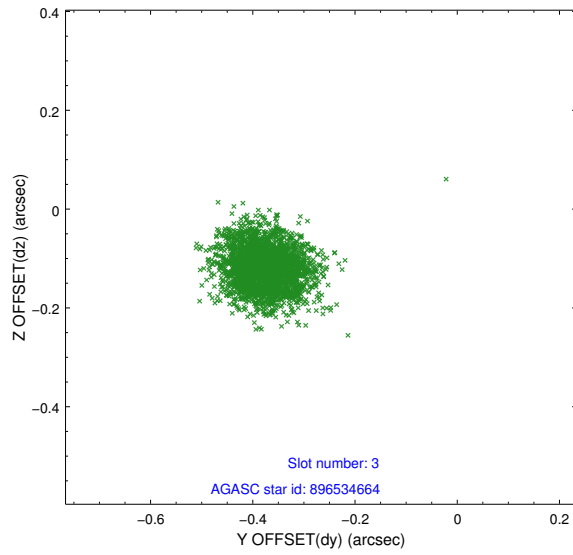


Slot Statistics

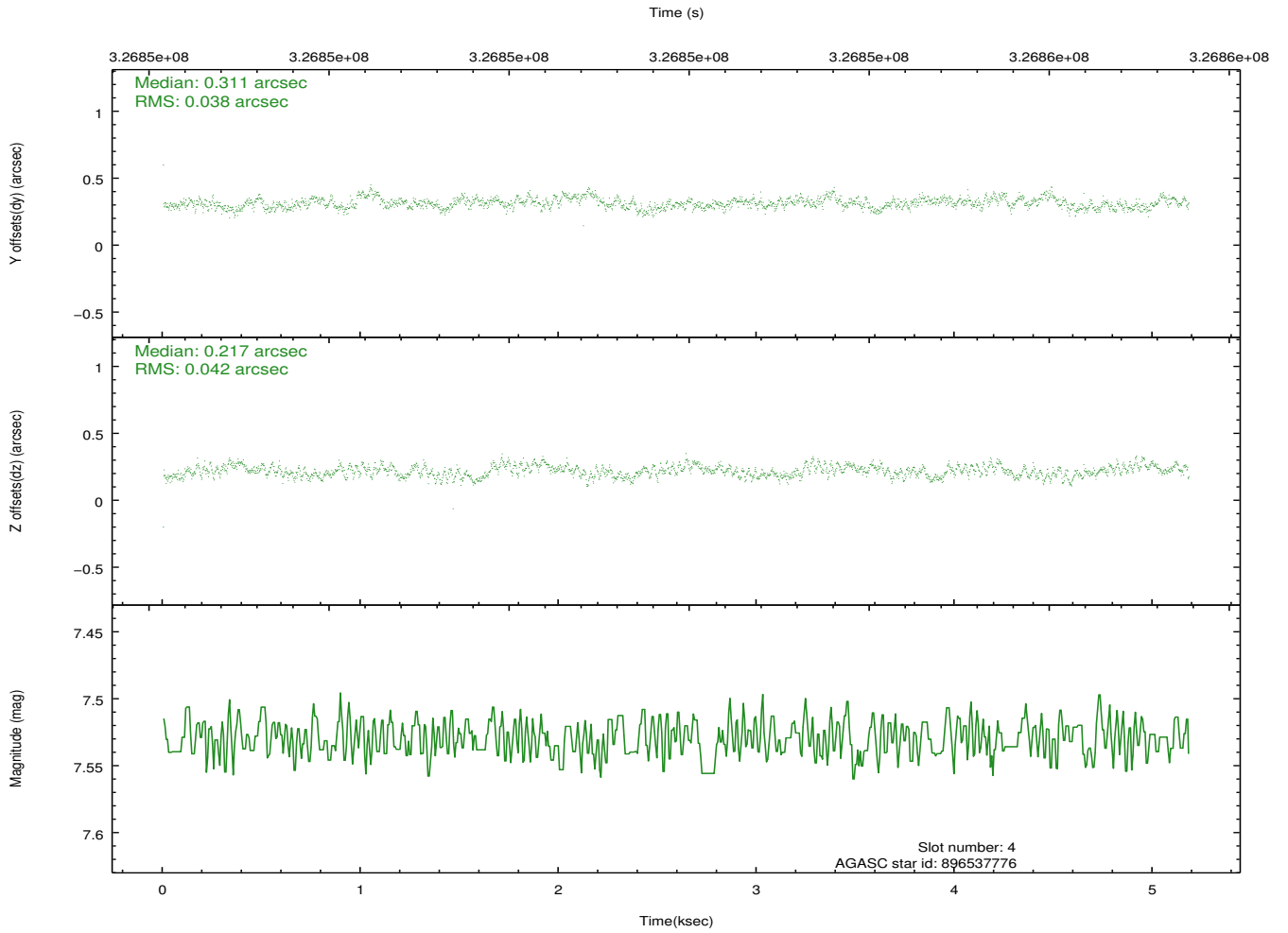
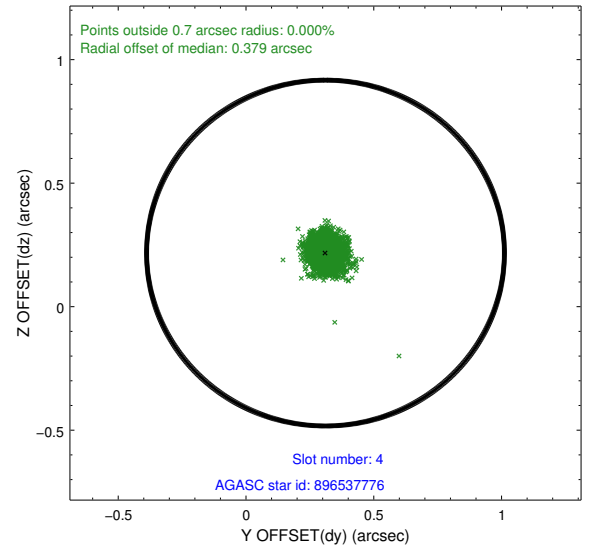
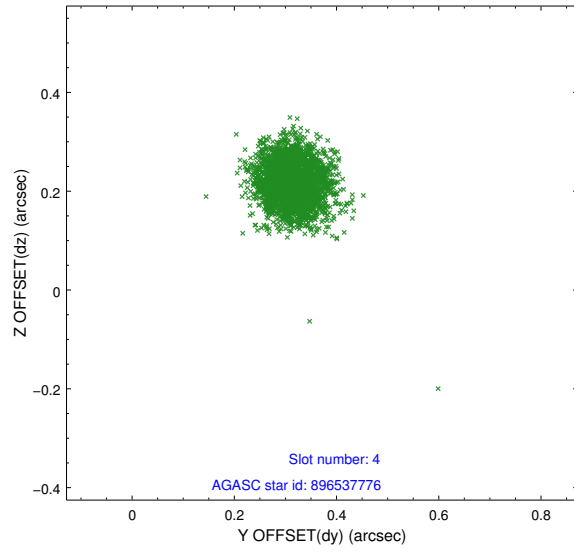
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1264	-0.061	0.020	0.007	0.011	0.000000	0.000000	-769.31	-1299.79
1	FID	HRC-I-2	7.00	1263	0.222	-0.134	0.006	0.011	0.000000	0.000000	842.99	-1302.53
2	FID	HRC-I-3	7.06	1264	-0.042	0.024	0.006	0.011	0.000000	0.000000	-1197.13	1003.74
3	GUIDE	896534664	8.20	2528	-0.376	-0.119	0.064	0.103	266.405570	-28.407461	2180.99	426.81
4	GUIDE	896537776	7.53	2528	0.311	0.217	0.060	0.093	266.655684	-29.665673	-2169.44	-1054.99
5	GUIDE	896541576	8.19	2526	0.096	0.245	0.075	0.125	267.051055	-28.762912	1230.32	-1786.46
6	GUIDE	896403224	8.29	2527	0.289	-0.229	0.075	0.125	265.612825	-29.438915	-1883.03	2297.85
7	GUIDE	896538696	6.89	2527	-0.323	-0.114	0.057	0.092	266.298470	-28.325572	2418.17	809.10

2.4 Star Slots

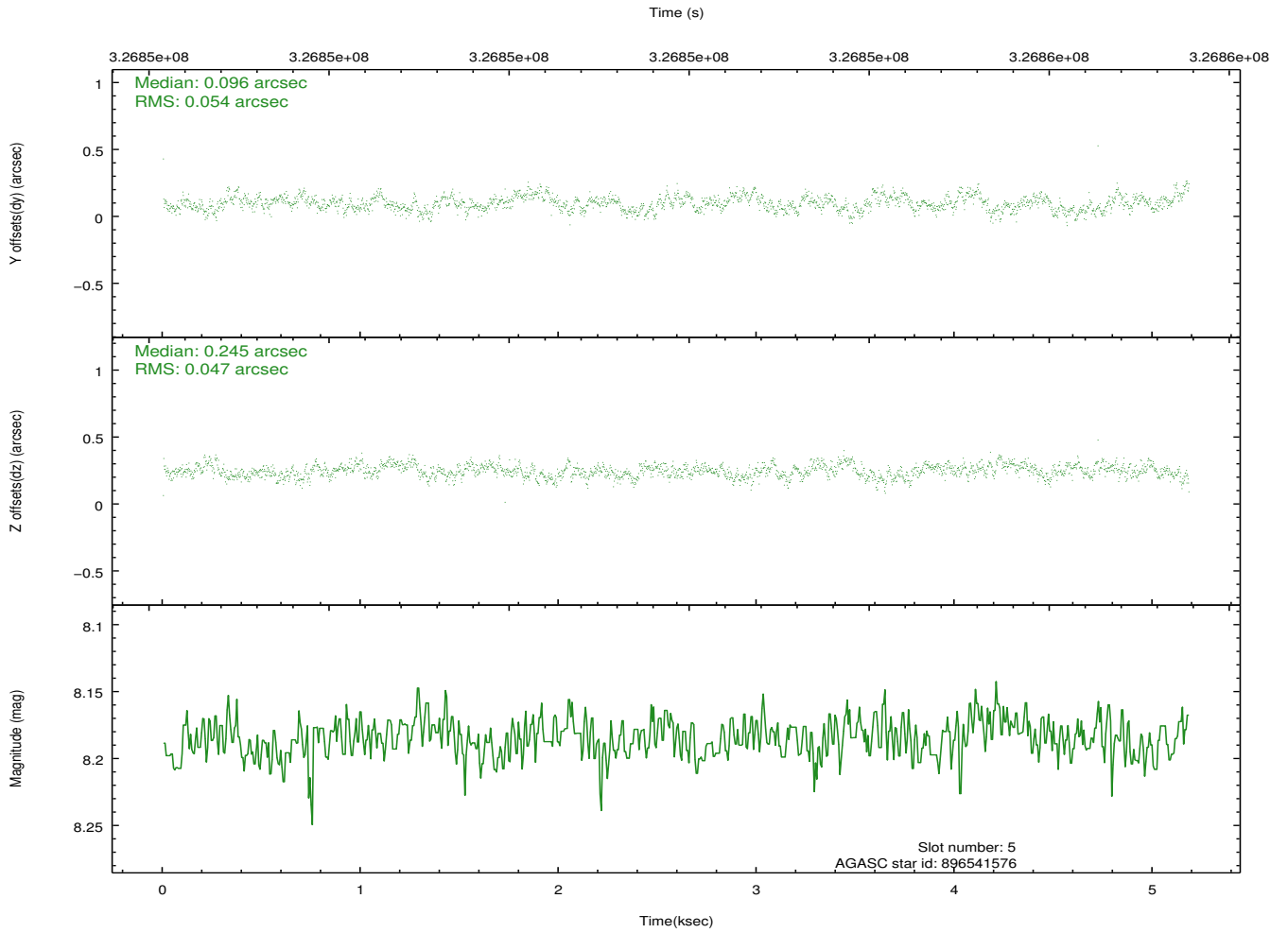
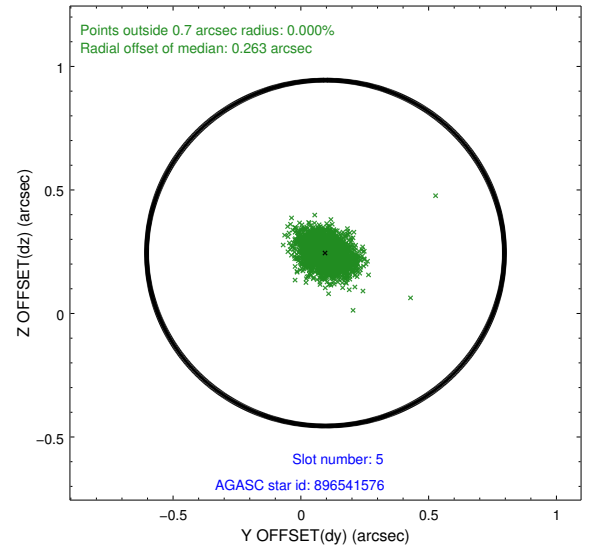
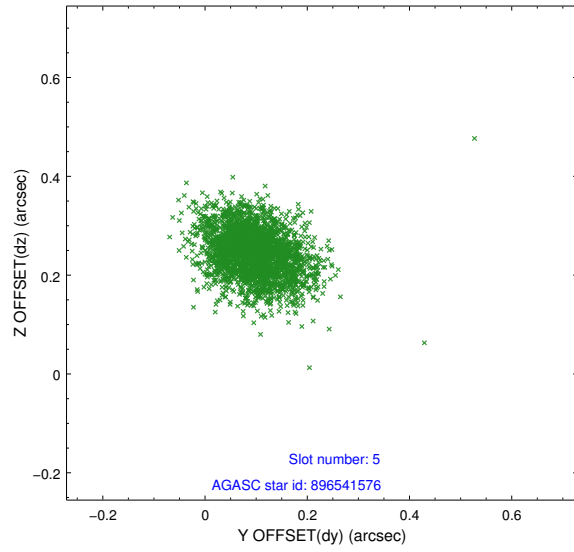
2.4.1 Slot 3



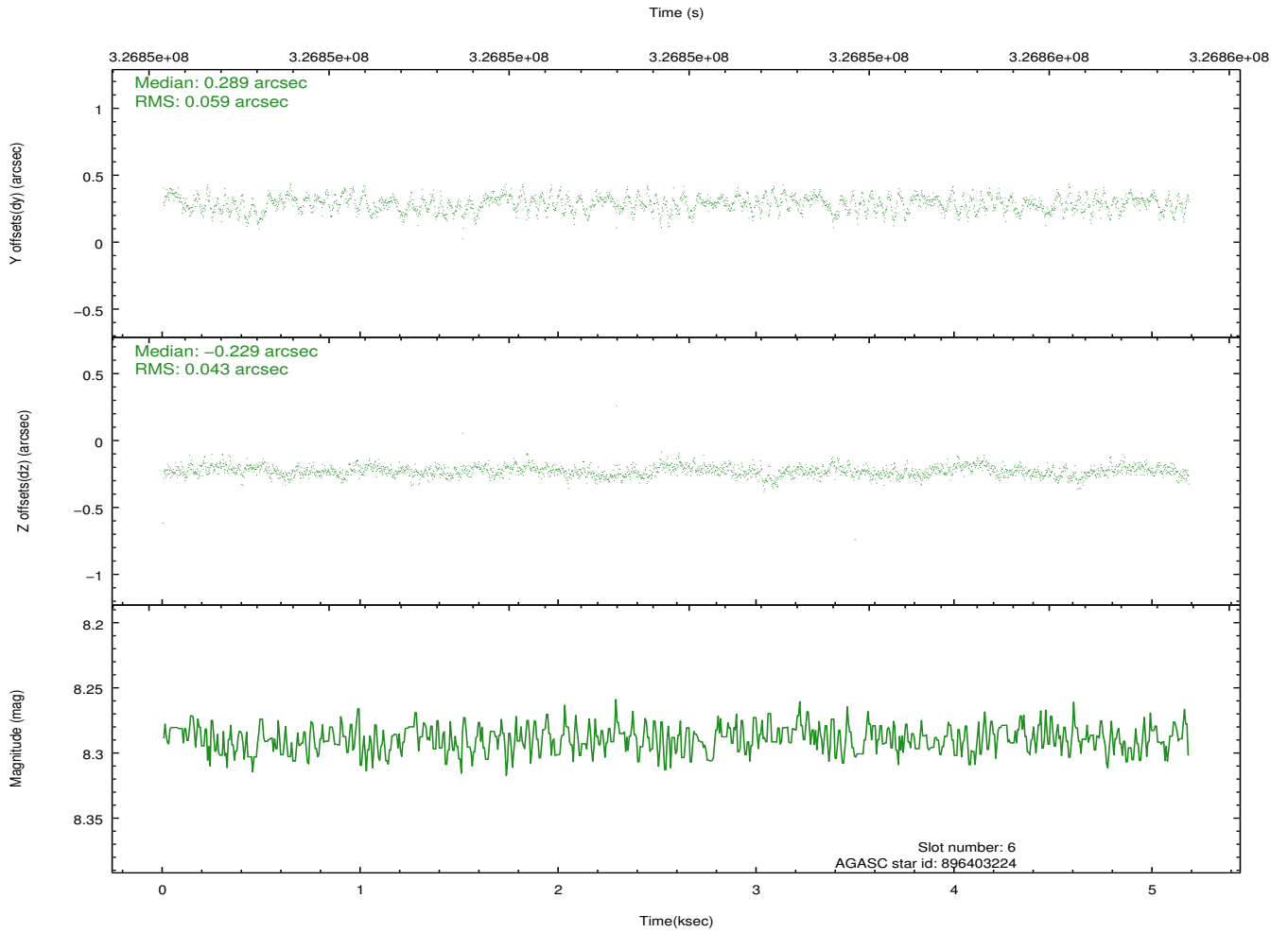
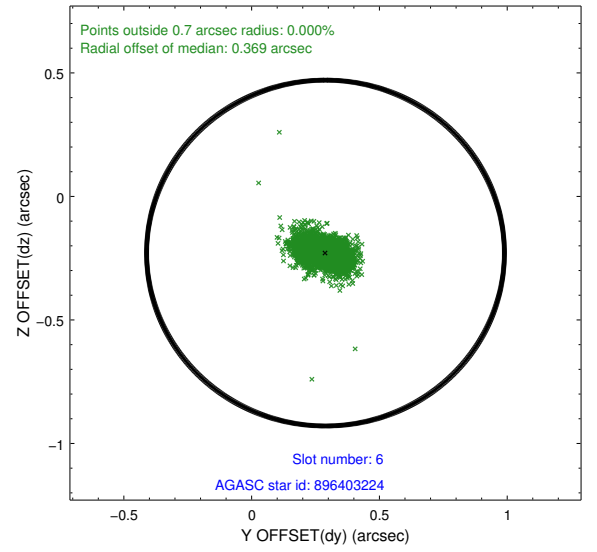
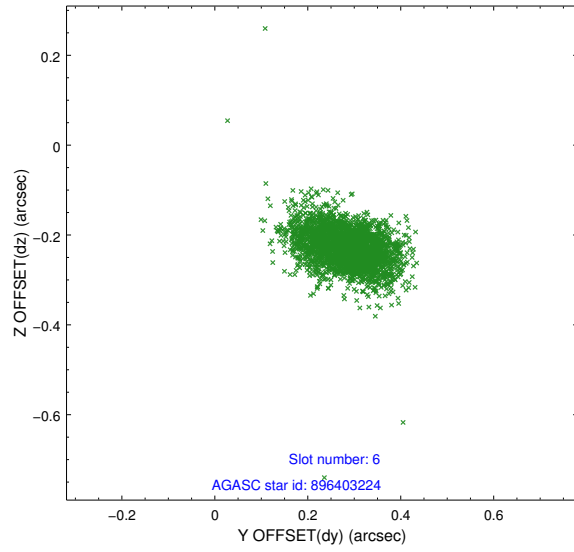
2.4.2 Slot 4



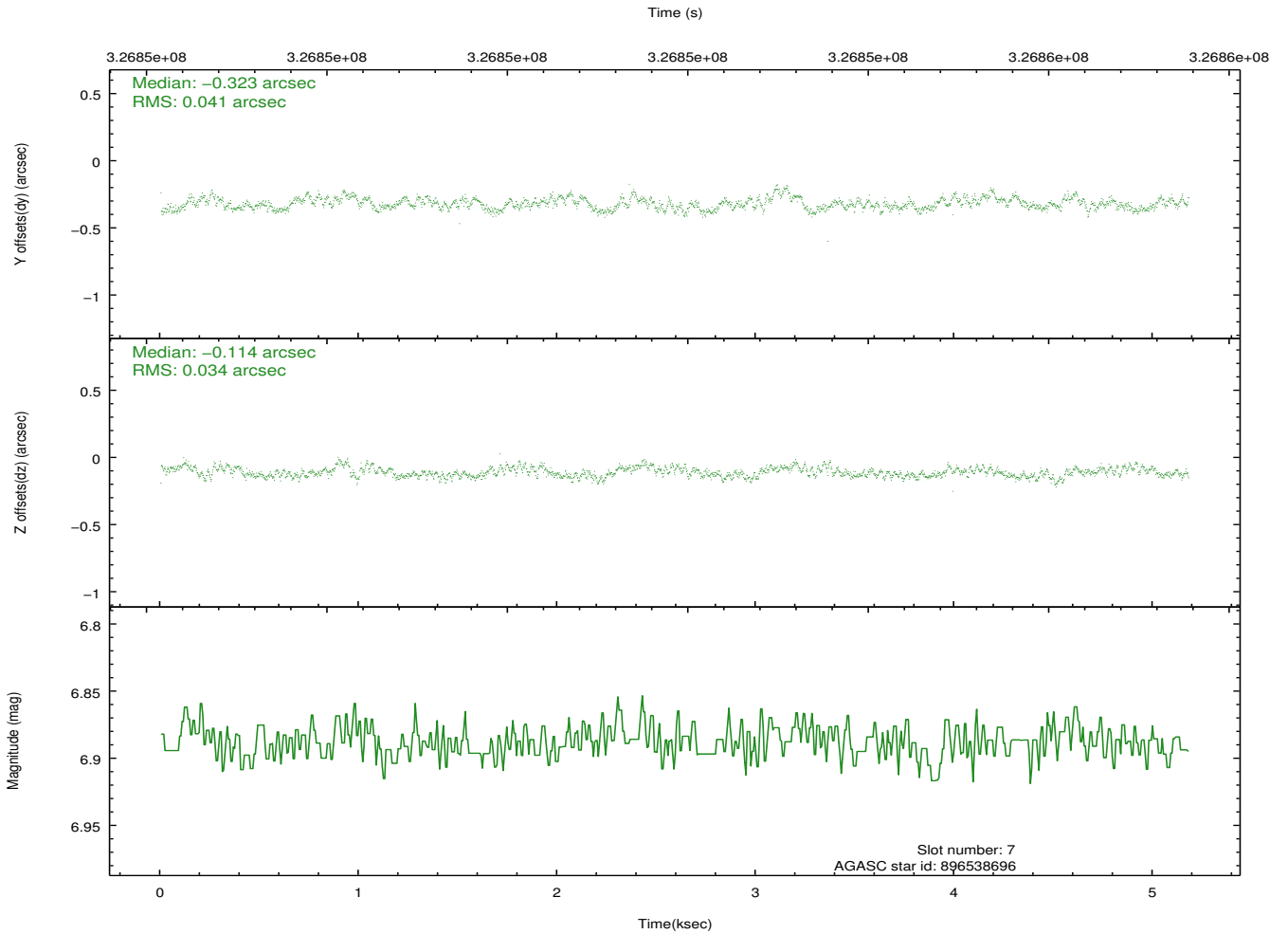
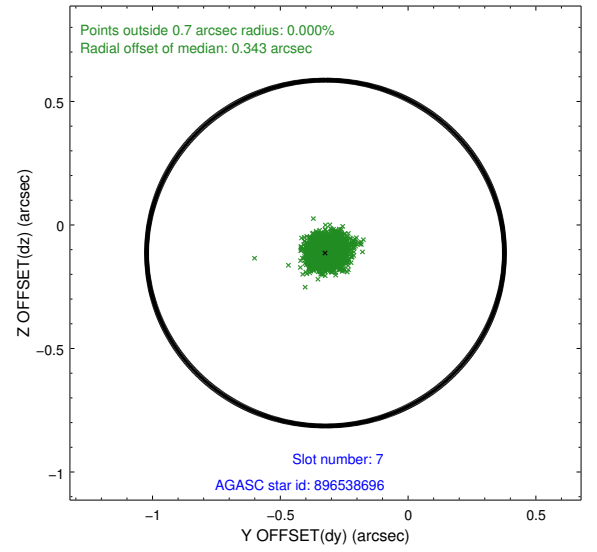
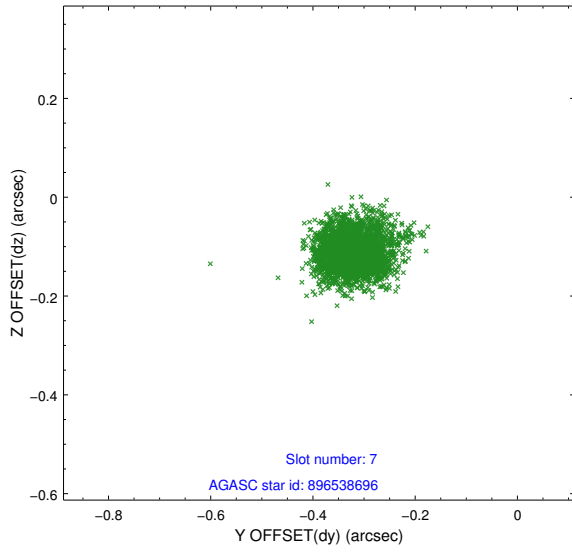
2.4.3 Slot 5



2.4.4 Slot 6

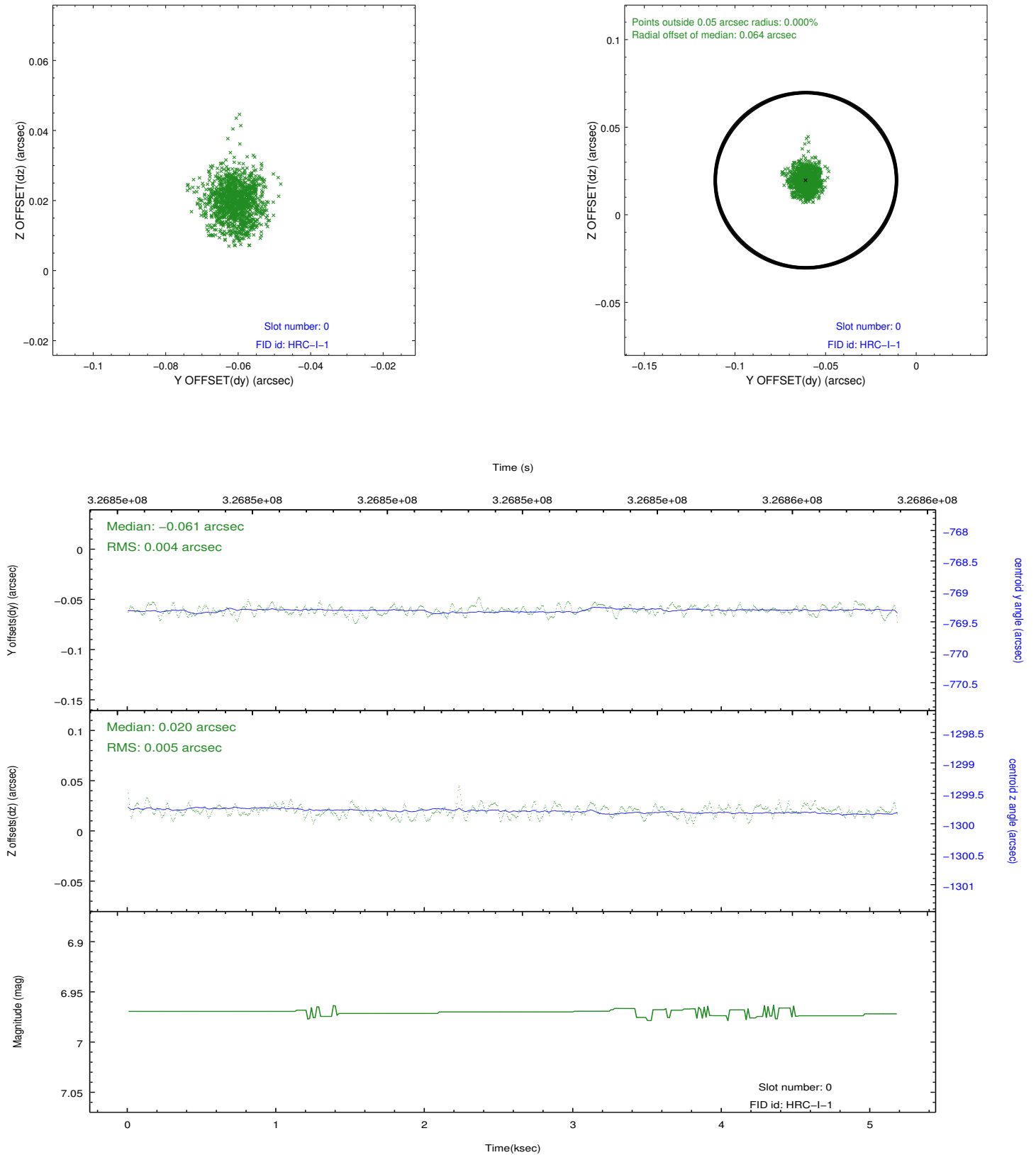


2.4.5 Slot 7

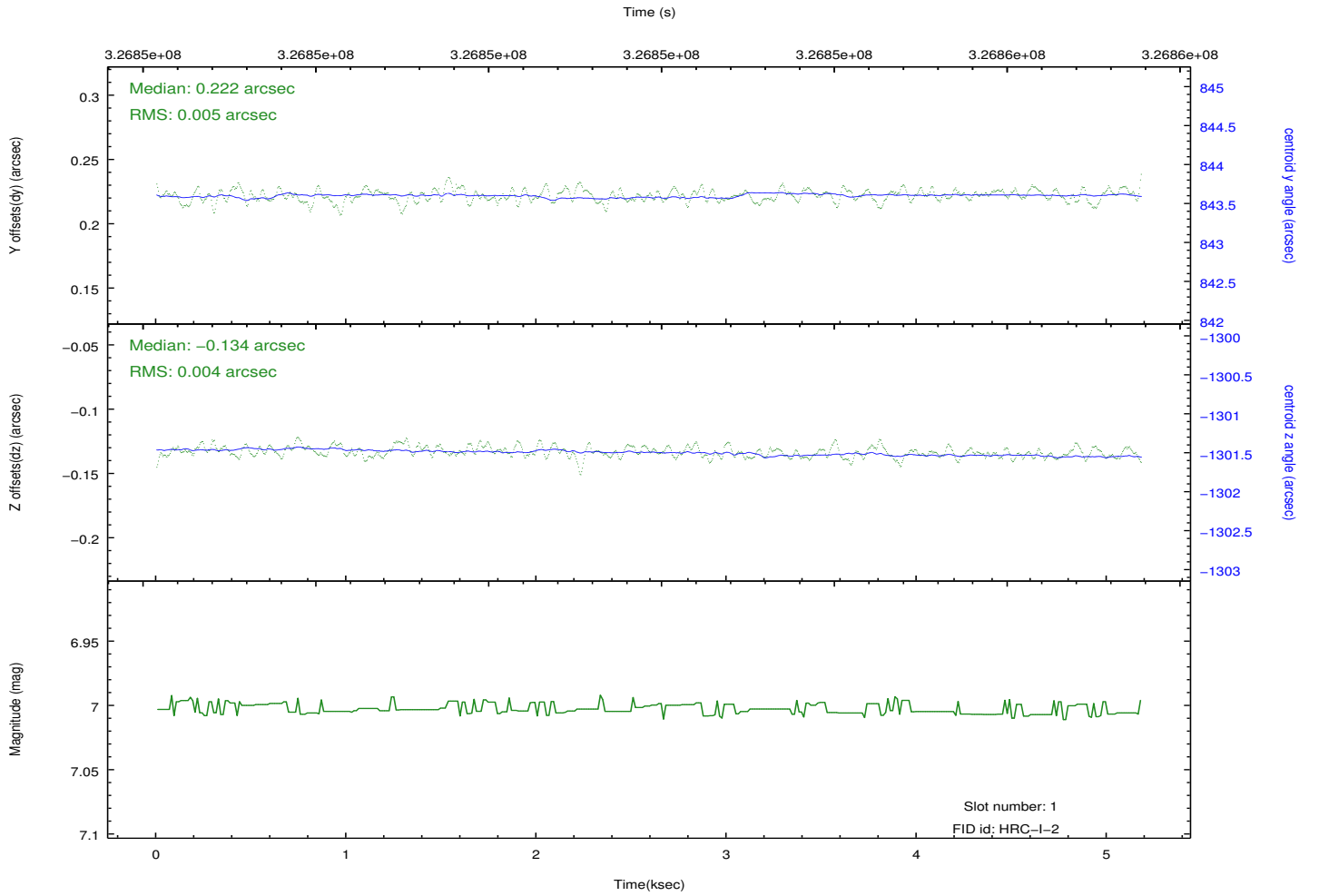
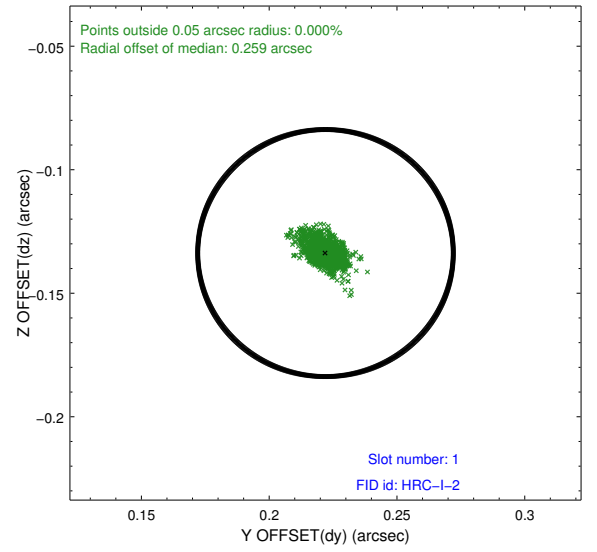
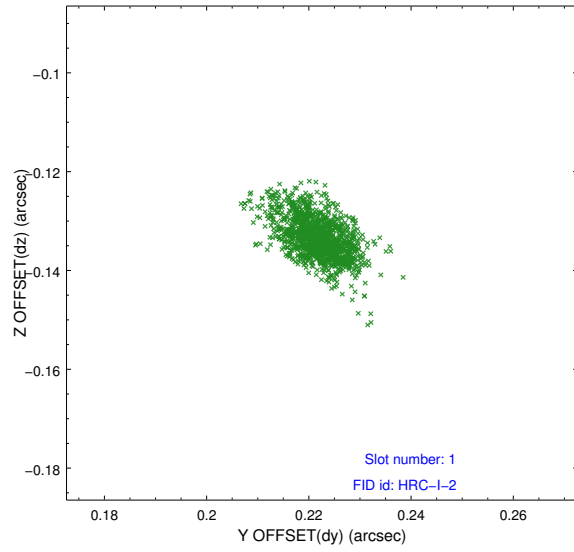


2.5 FID Slots

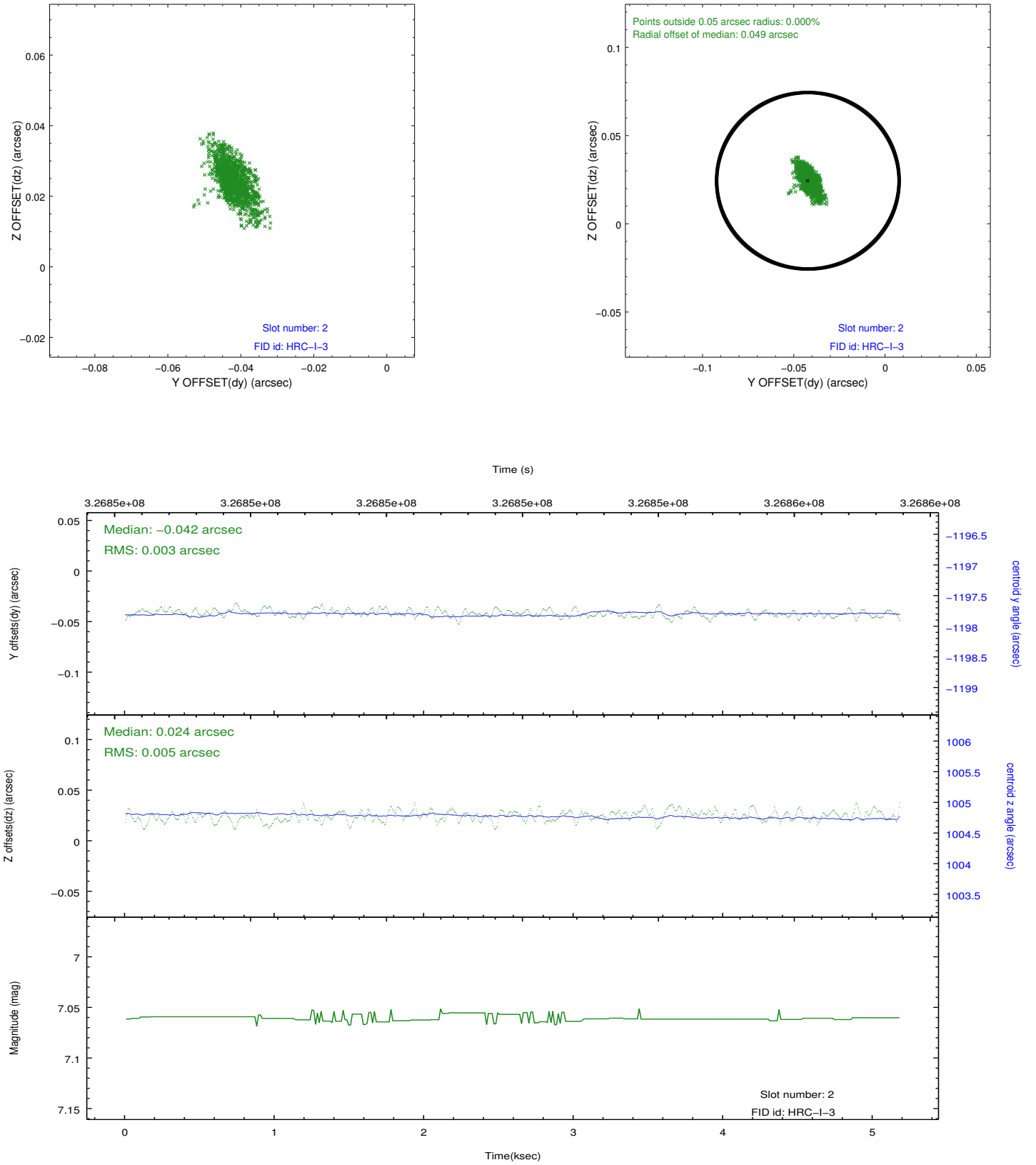
2.5.1 Slot 0



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	5.1795815

A.2 Comments

Joint proposal with XMM.