

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6659 - L2 Version 2
Chandra X-Ray Center

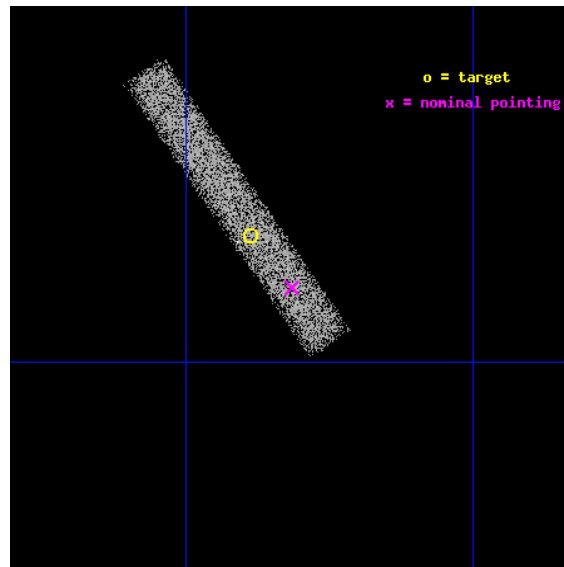
L2 Processing Date : Apr 6 2012

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1 Front

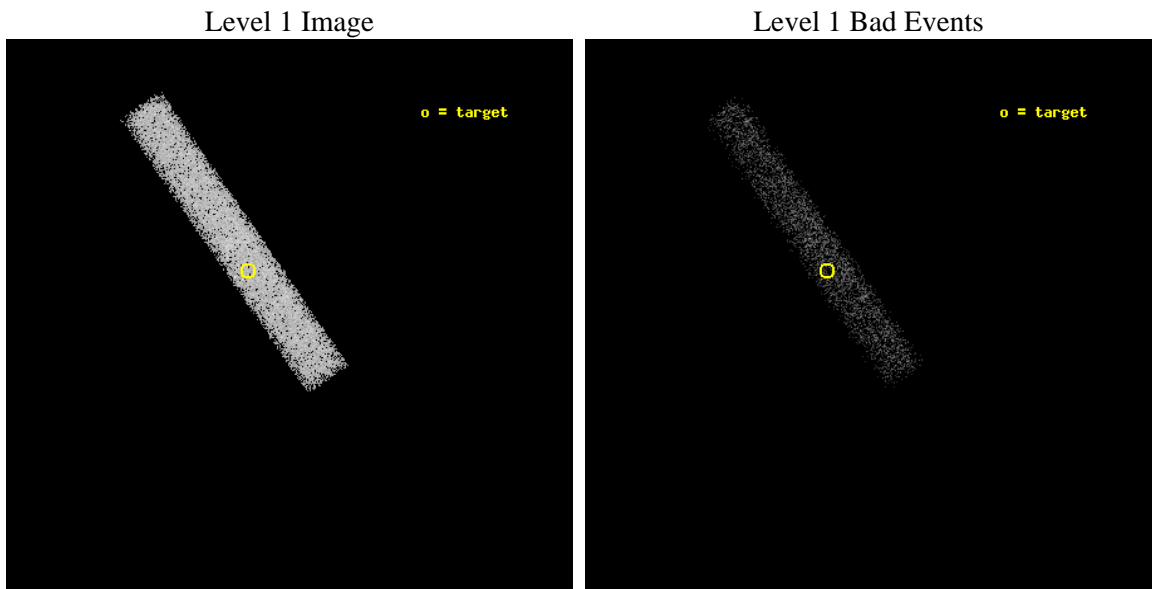
seq_num	500613	Sequence number
obs_id	6659	Observation id
title	Chandra monitoring of Anomalous X-ray Pulsar AX~J1845-0258	Proposa
observer	Professor Gordon Garmire	Principal investigator
object	AX J1845-0258	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.222083	Observer's specified target RA [deg]
dec_targ	-2.945	Observer's specified target Dec [deg]
ra_nom	281.20407200508	Nominal RA [deg]
dec_nom	-2.967873766615	Nominal Dec [deg]
roll_nom	235.28936239016	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15181.19909513	Sum of GTIs [s]
livetime	13768.546249891	Livetime [s]
ontime7	15181.19909513	Sum of GTIs [s]
l2events	11193	Number of level 2 events



2 OBI

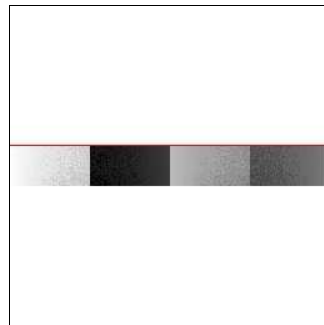
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	15181.19909513	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	15181.19909513	Sum of GTIs [s]
date	2012-04-06T02:49:16	Date and time of file creation	l1events	26394	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

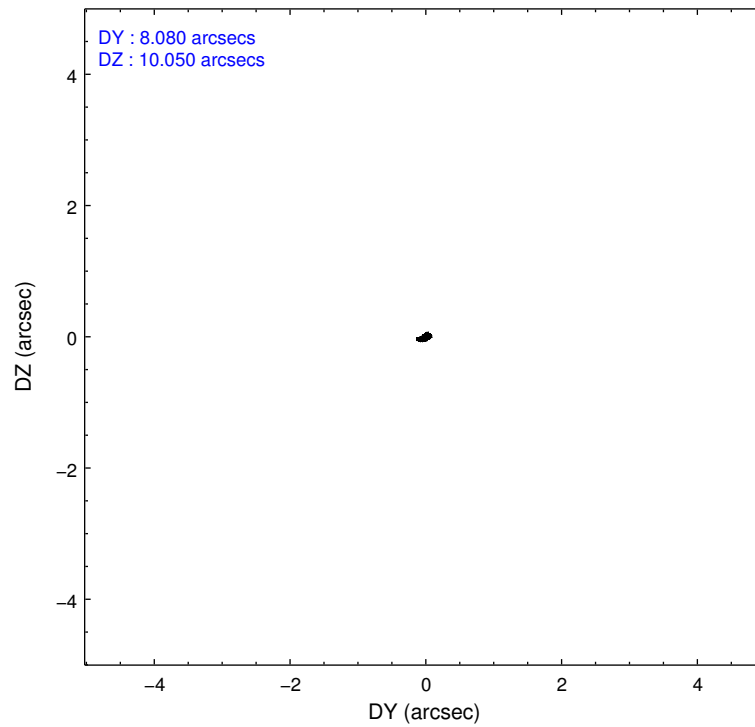
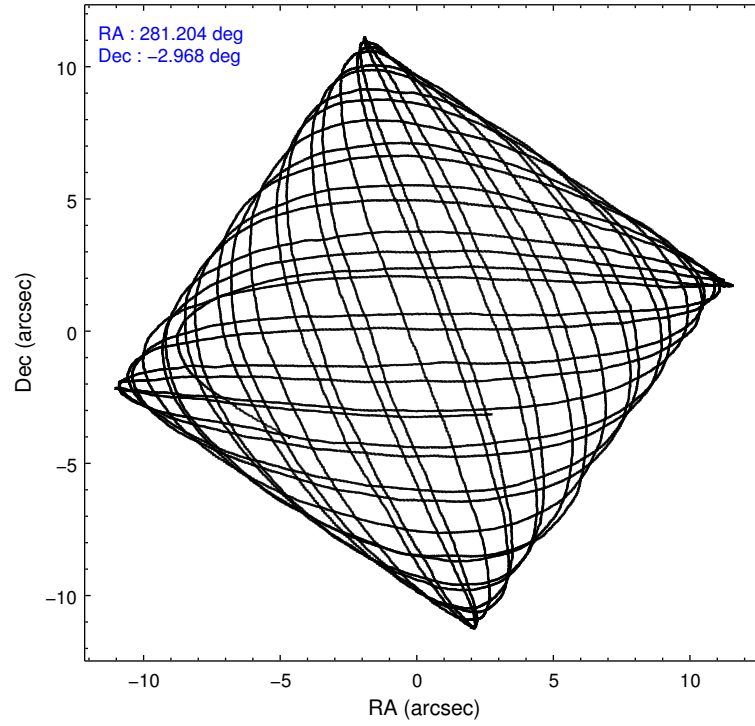
	ccd 7
level 1 events	26394
rejected events	14747
rejected %	55%

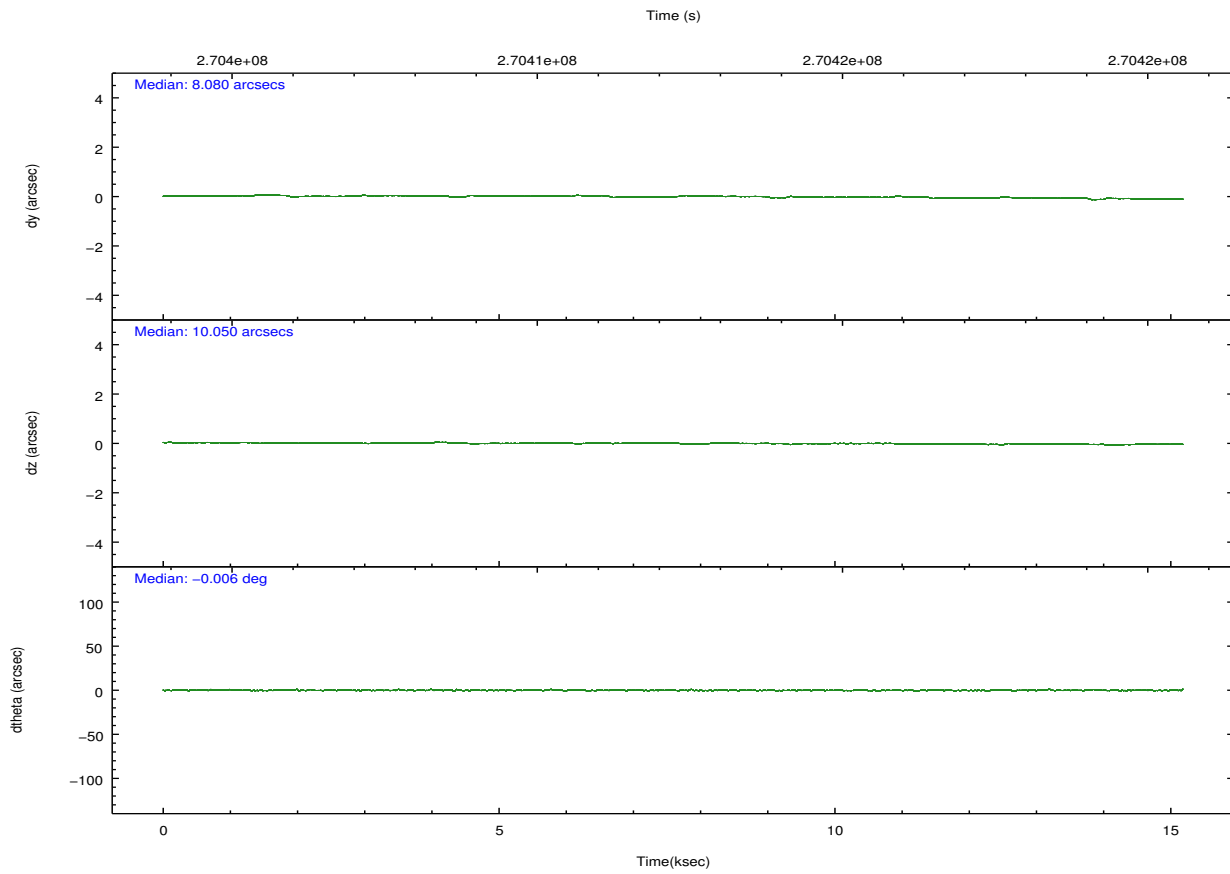
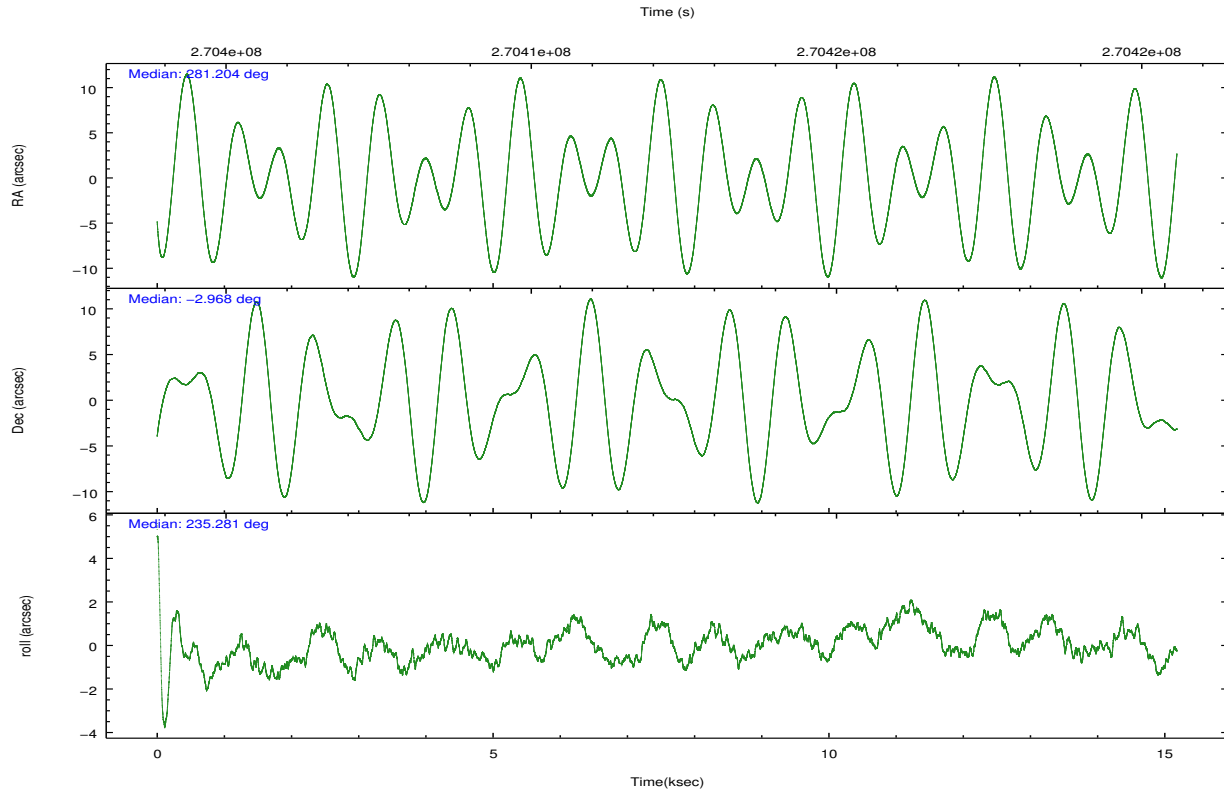
	ccd 7
grade 0 events	1205
	4%
grade 1 events	37
	0%
grade 2 events	2224
	8%
grade 3 events	1580
	5%
grade 4 events	1487
	5%
grade 5 events	2380
	9%
grade 6 events	5640
	21%
grade 7 events	11841
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	281.205970	281.204072005084	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-2.940695	-2.967873766615035	Subarray start row	449	449
[deg] Pointing Roll	235.132829	235.2893623901626	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	270404820.184000	270403876.56451			
Observation start date	2006-07-27T16:25:55	2006-07-27T16:11:16			
[s] Observation end time (MET)	270419820.184000	270421057.10281			
Observation end date	2006-07-27T20:35:55	2006-07-27T20:57:37			
Read mode	TIMED	TIMED			

2.3 Aspect



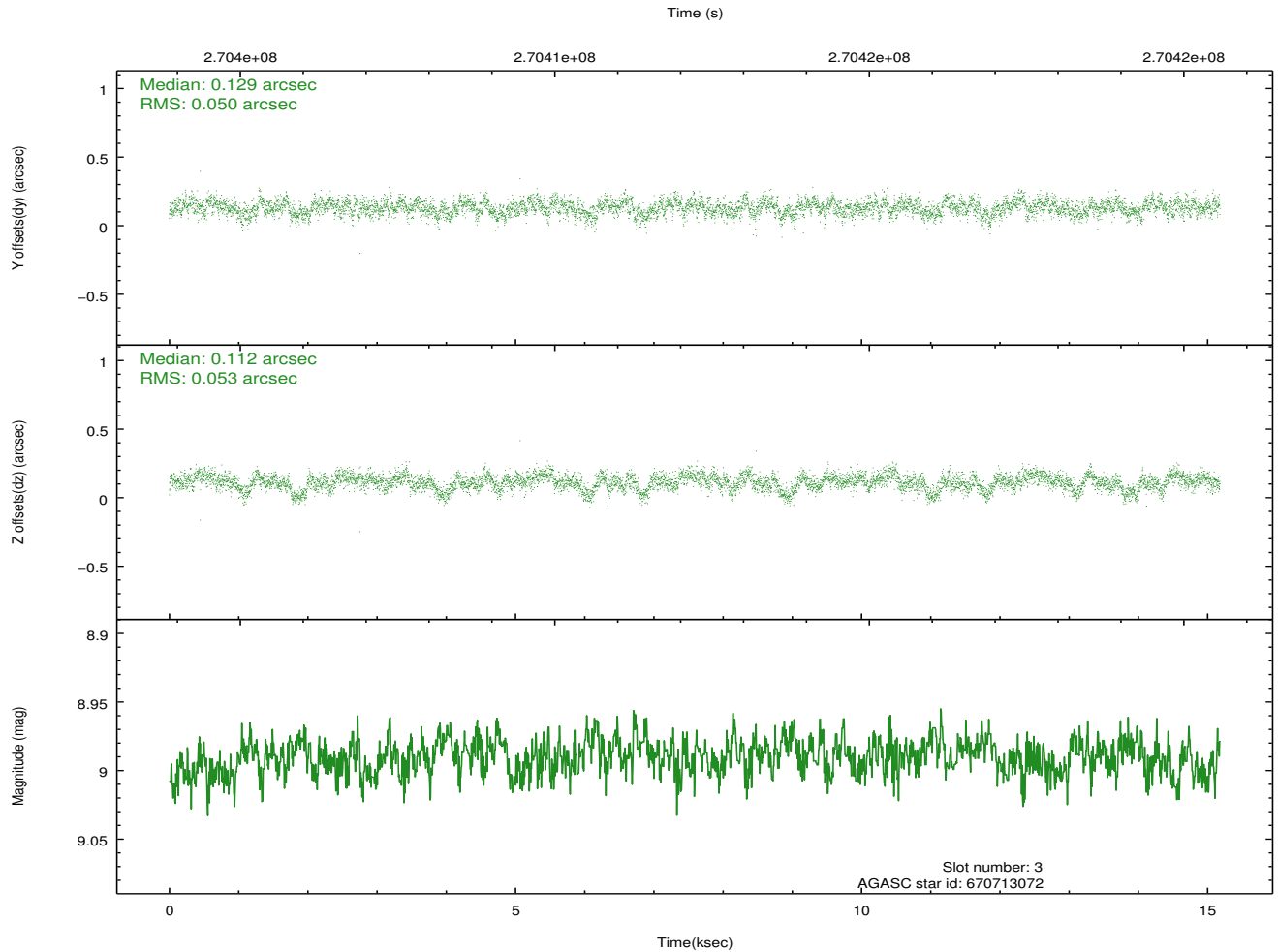
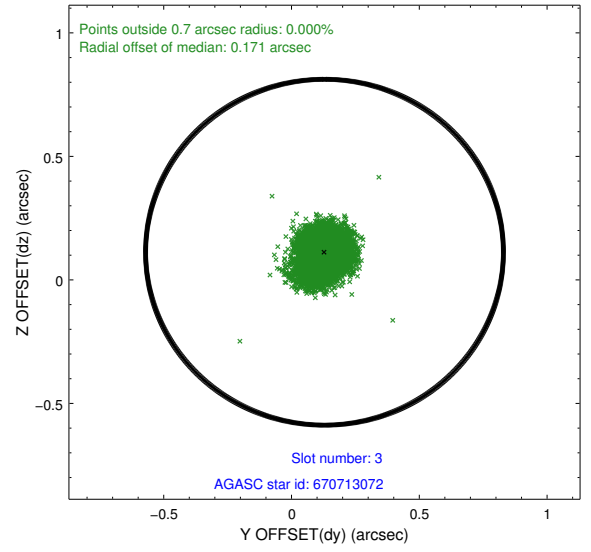
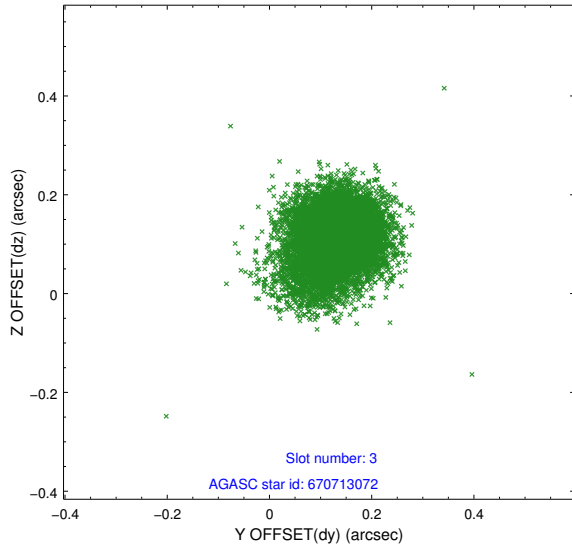


Slot Statistics

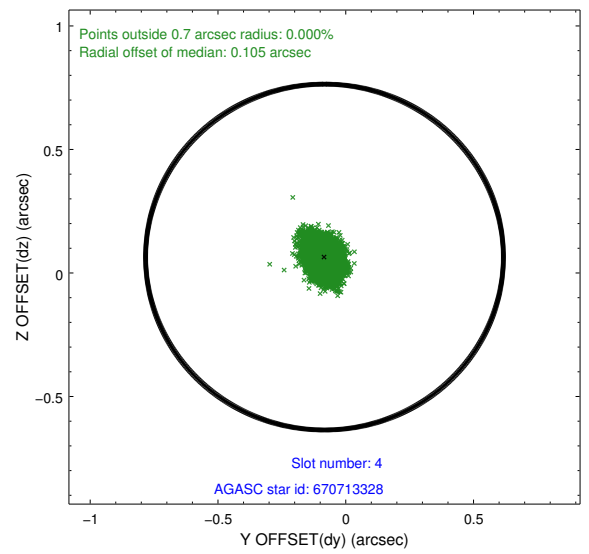
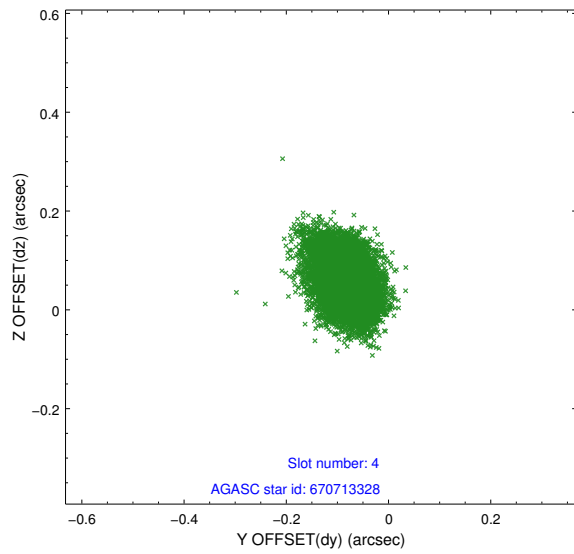
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	3703	0.025	-0.050	0.007	0.012	0.000000	0.000000	935.22	-1726.92
1	FID	ACIS-S-4	7.21	3703	0.116	0.027	0.007	0.011	0.000000	0.000000	2152.86	177.03
2	FID	ACIS-S-5	7.24	3703	-0.169	0.036	0.006	0.011	0.000000	0.000000	-1813.48	170.92
3	GUIDE	670713072	8.99	7403	0.129	0.112	0.077	0.128	281.205407	-3.604132	1961.11	1364.22
4	GUIDE	670713328	7.57	7407	-0.083	0.064	0.062	0.100	280.824681	-3.187771	1514.01	-615.48
5	GUIDE	670713528	6.48	7407	0.006	-0.034	0.057	0.100	280.393663	-3.118473	2195.93	-2028.74
6	GUIDE	670714008	9.02	7404	0.030	-0.121	0.075	0.120	281.129237	-3.153193	786.02	210.83
7	GUIDE	670830264	8.75	7396	-0.079	-0.019	0.075	0.116	281.361536	-3.231556	539.76	1057.57

2.4 Star Slots

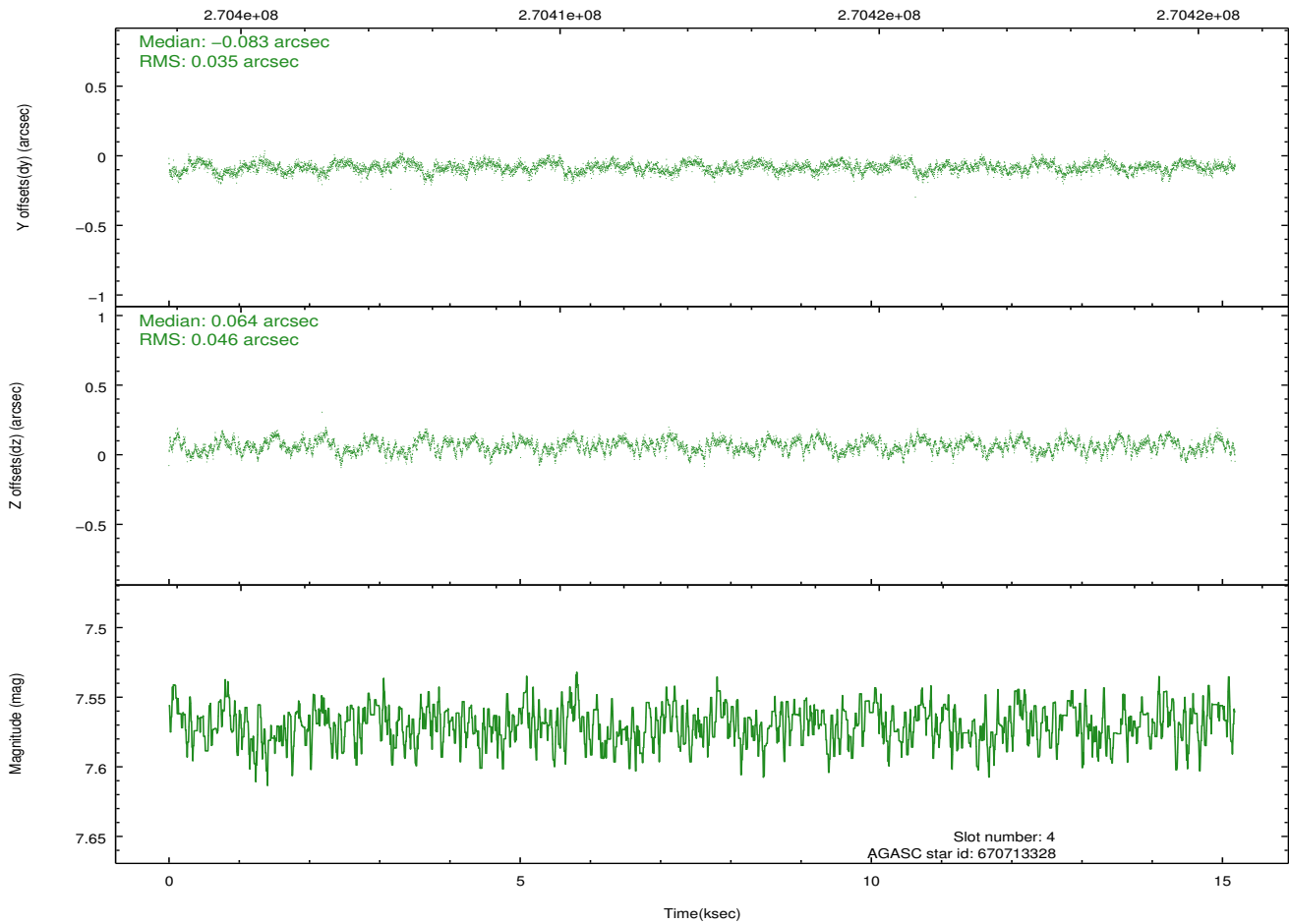
2.4.1 Slot 3



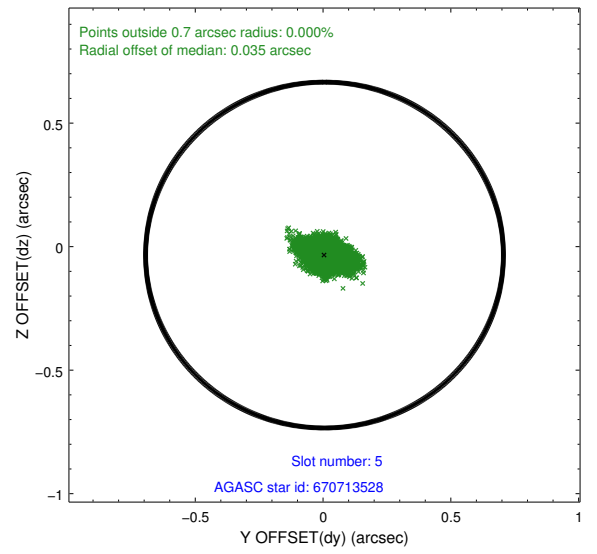
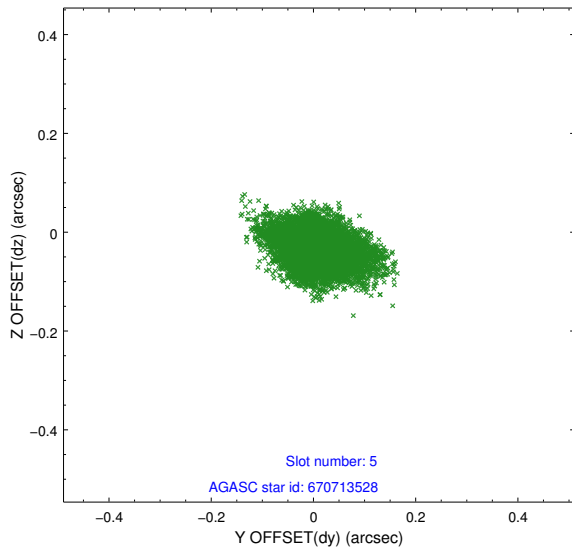
2.4.2 Slot 4



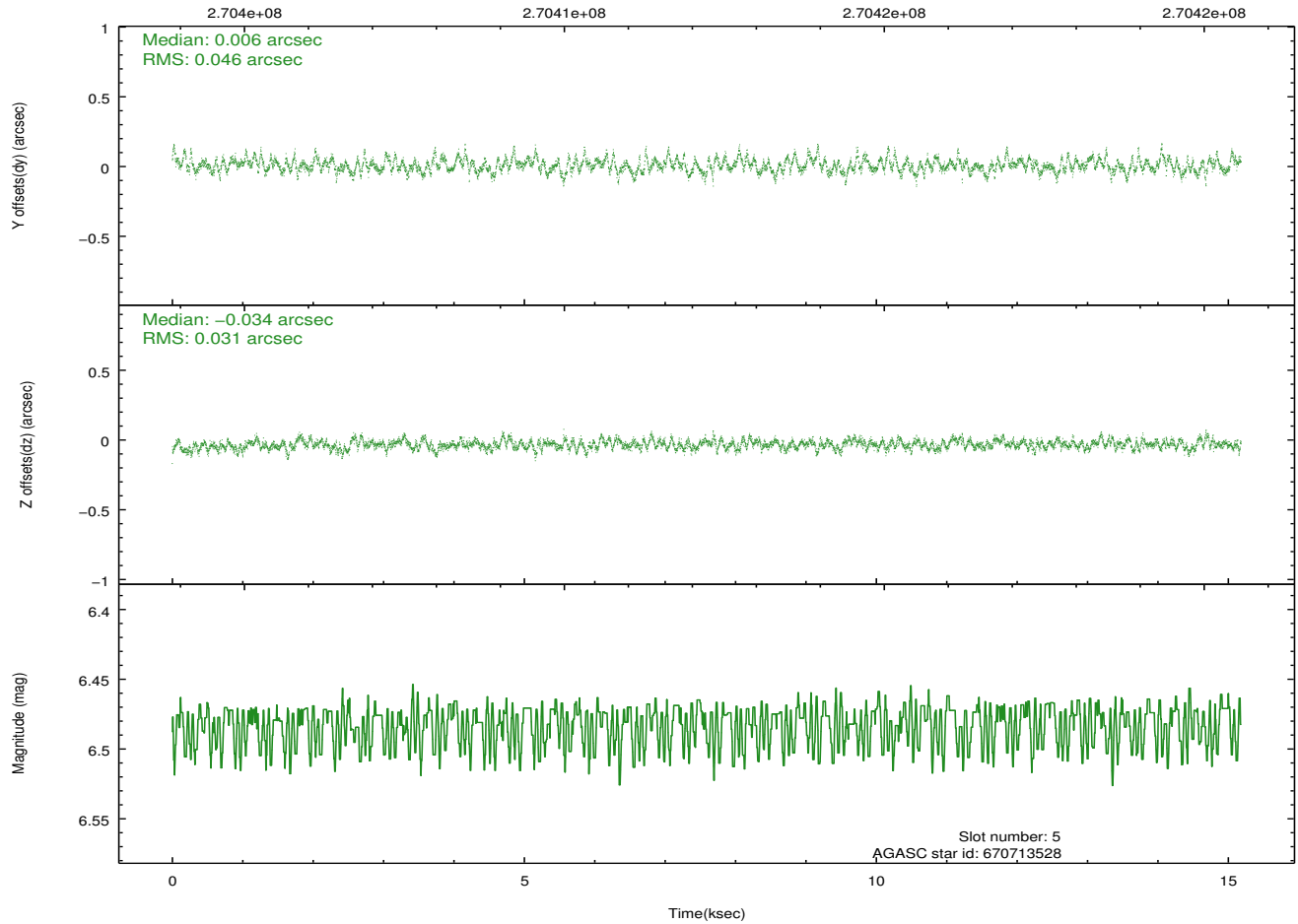
Time (s)



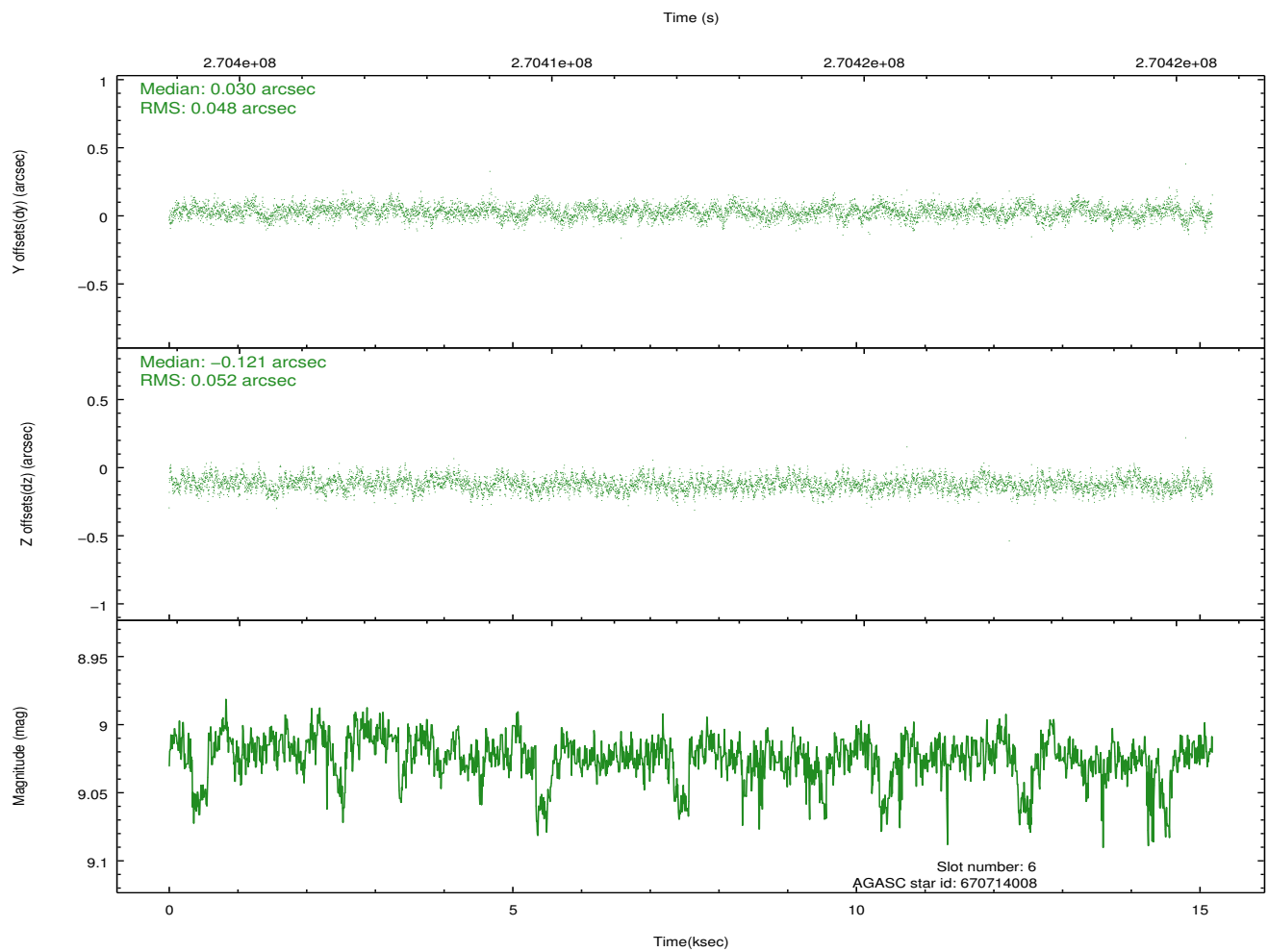
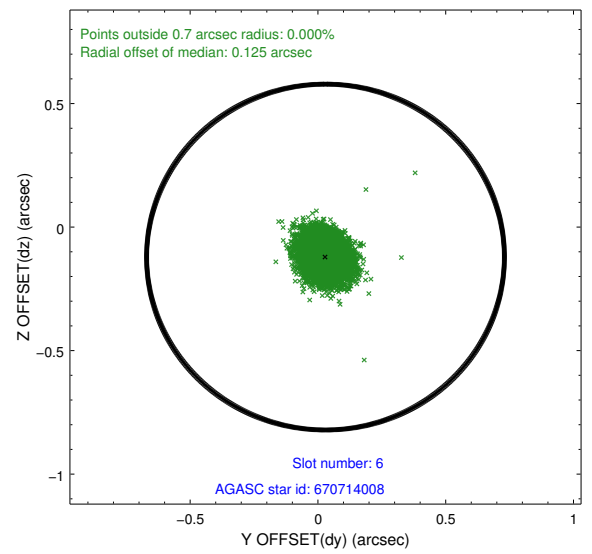
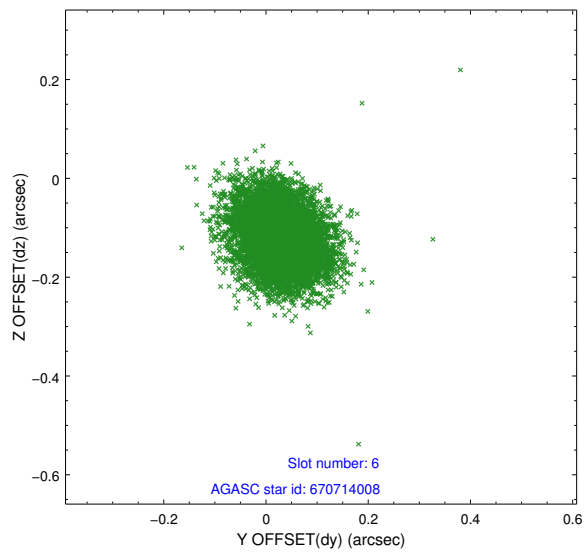
2.4.3 Slot 5



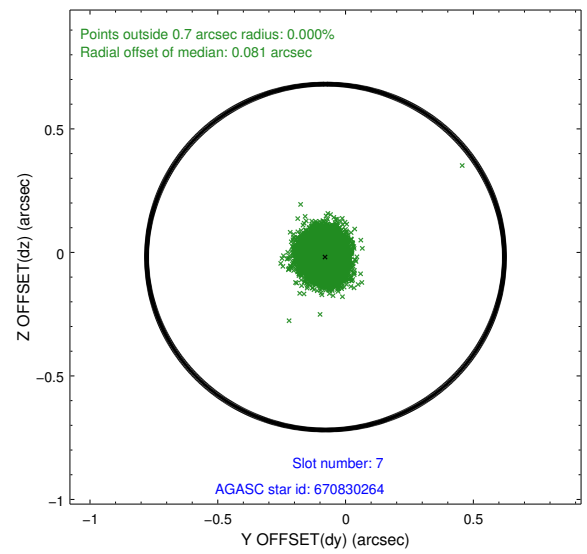
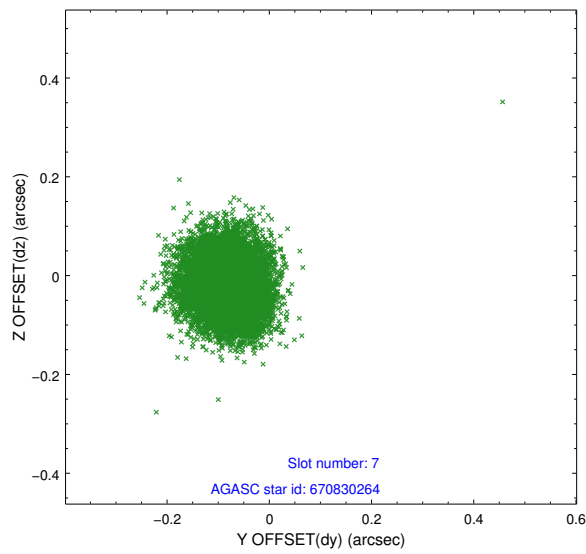
Time (s)



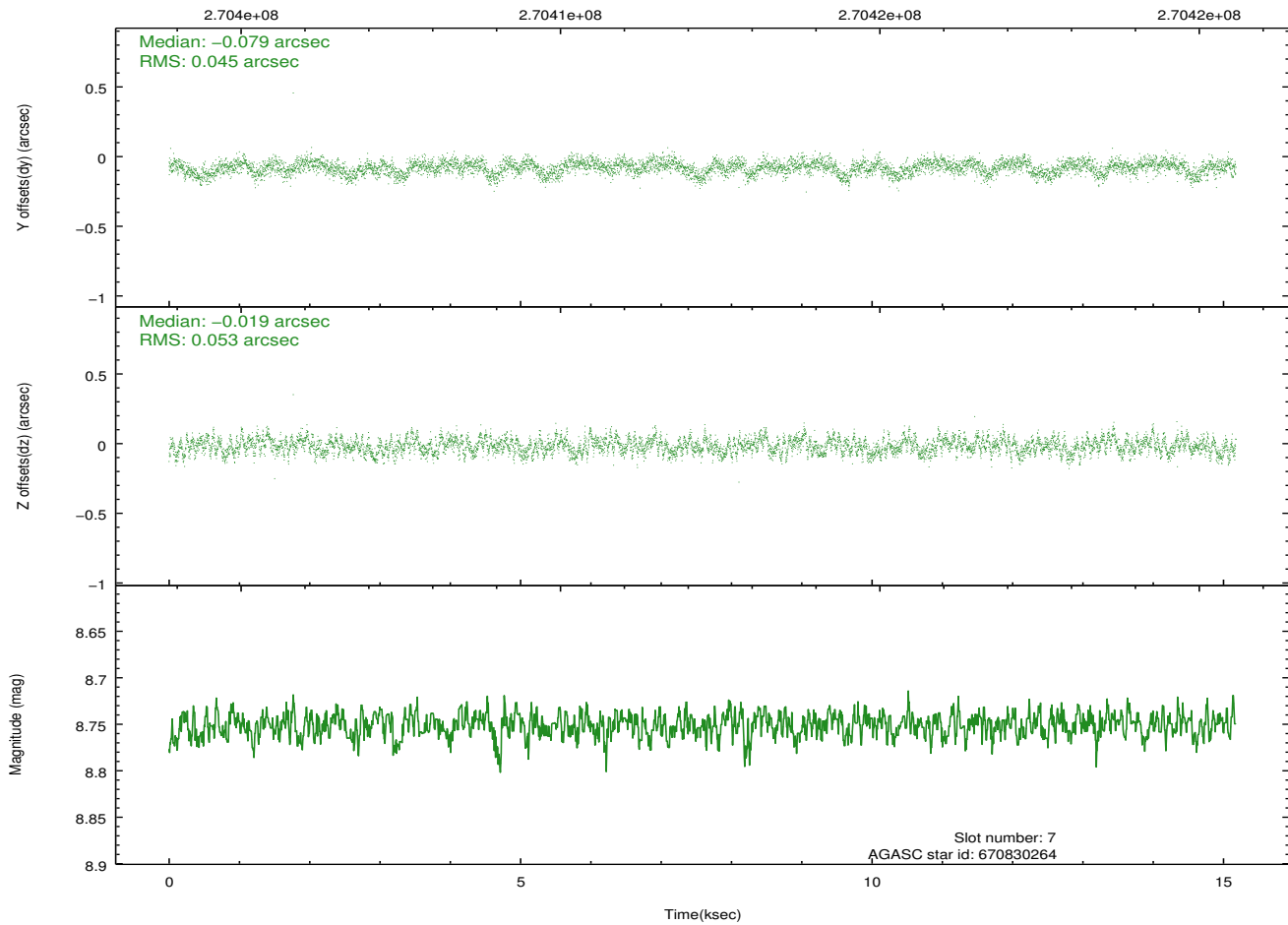
2.4.4 Slot 6



2.4.5 Slot 7

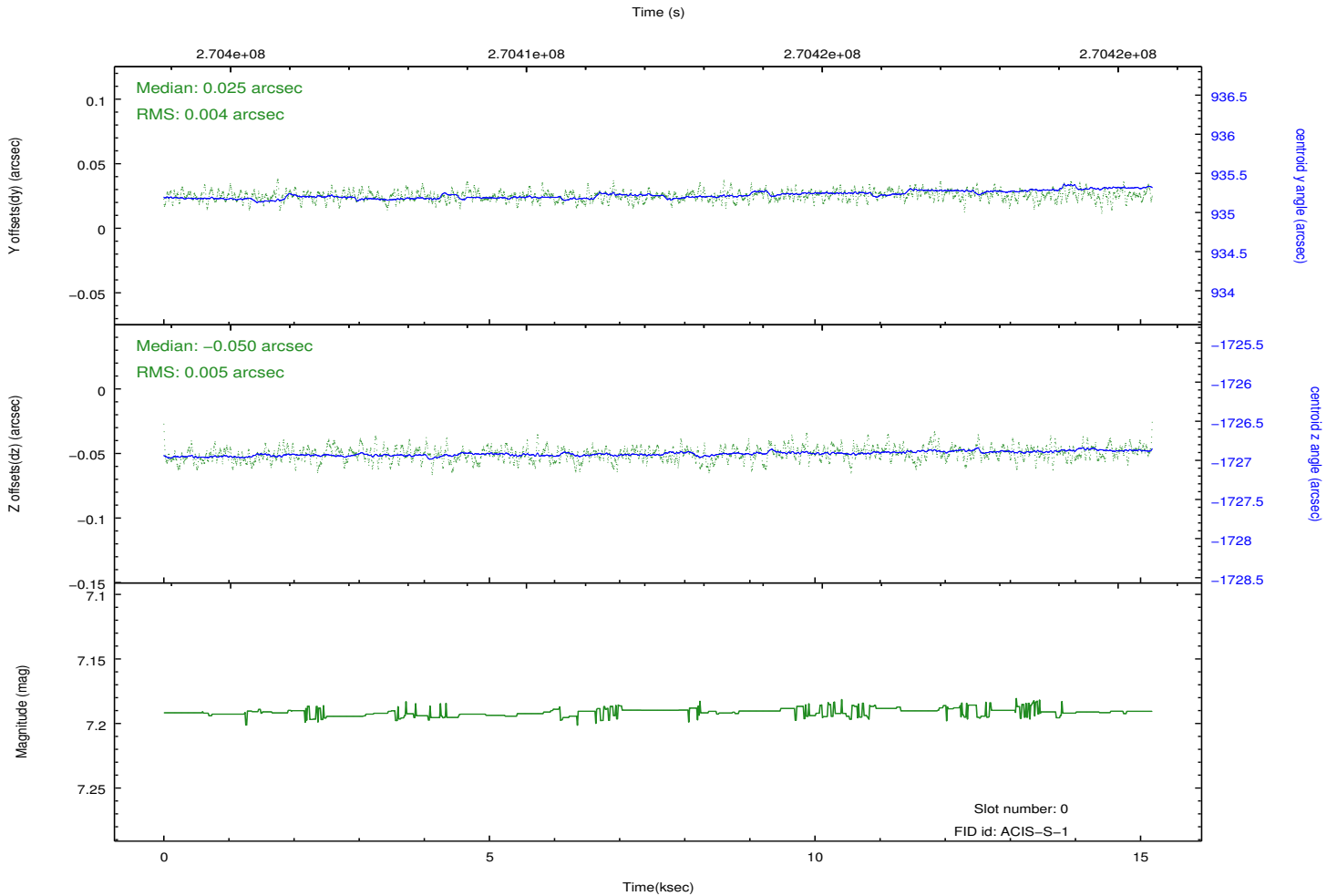
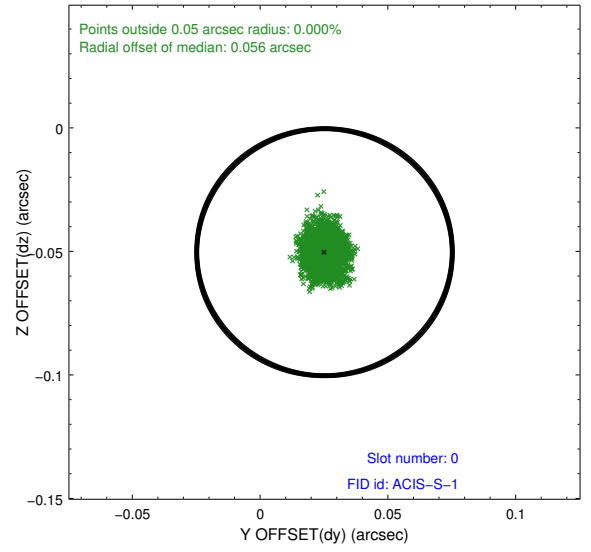
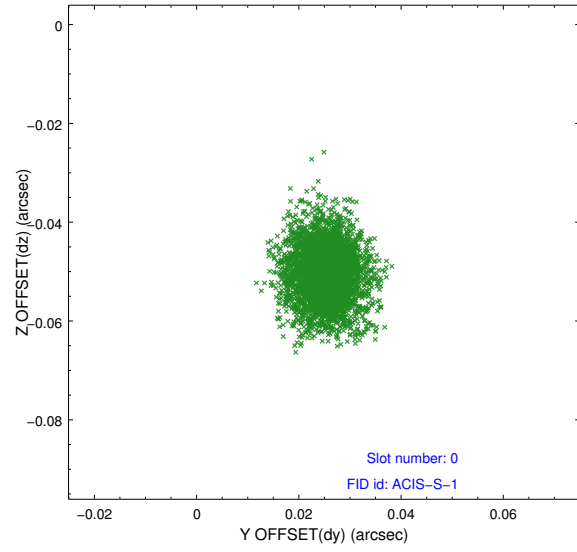


Time (s)

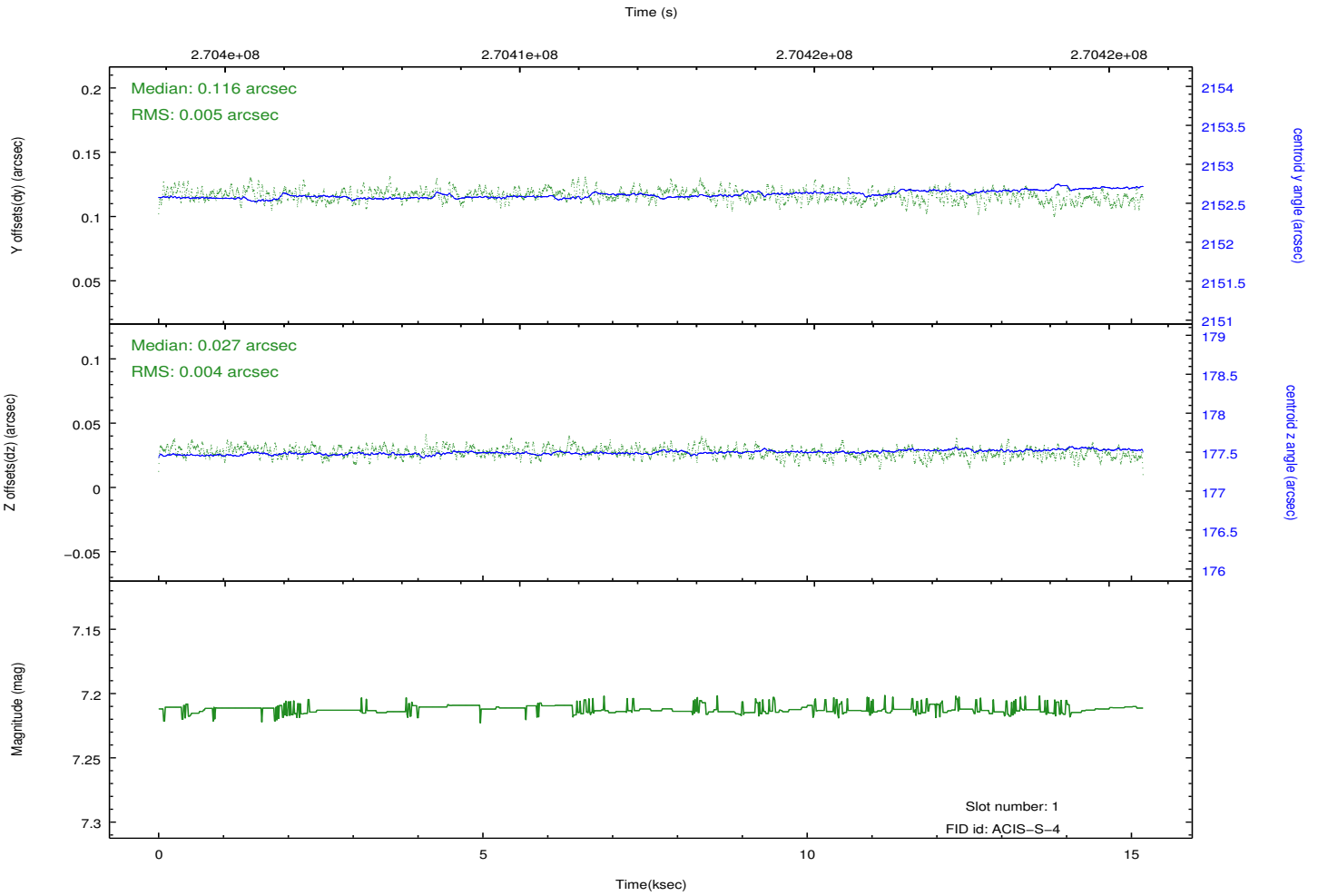
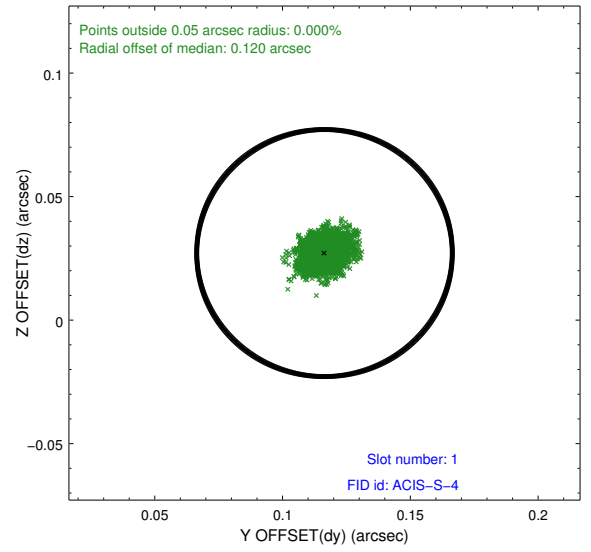
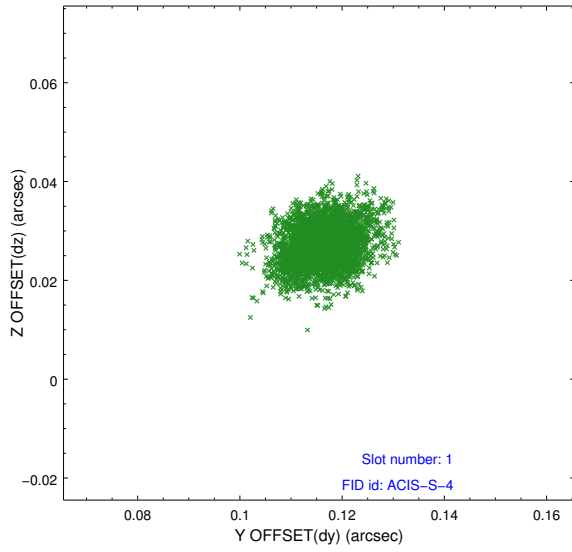


2.5 FID Slots

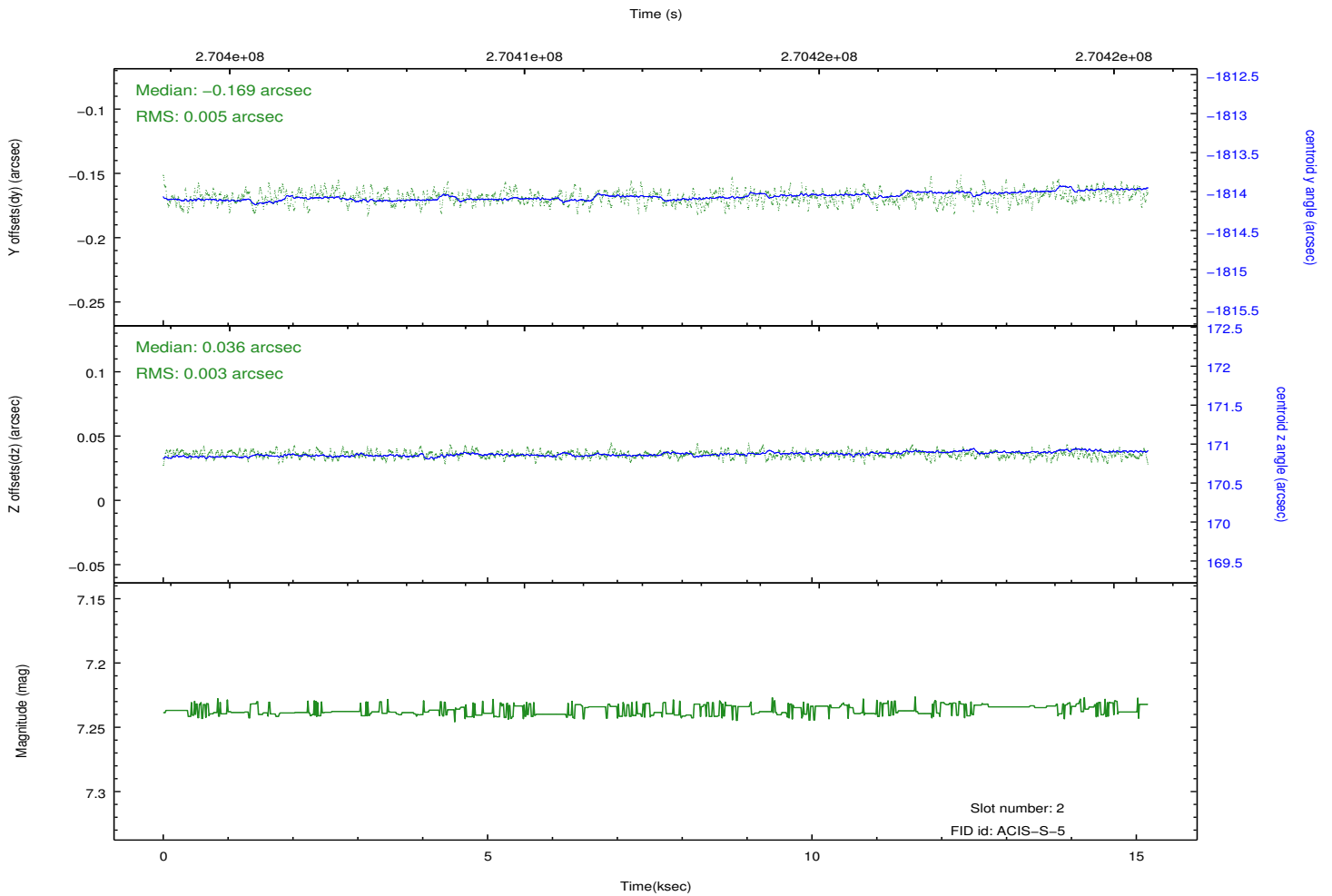
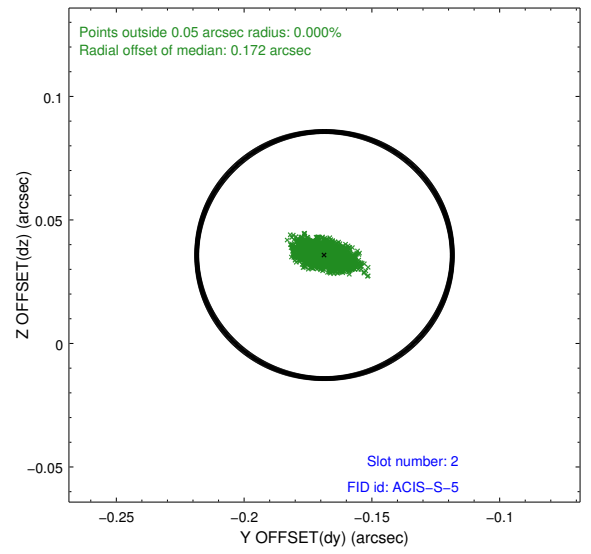
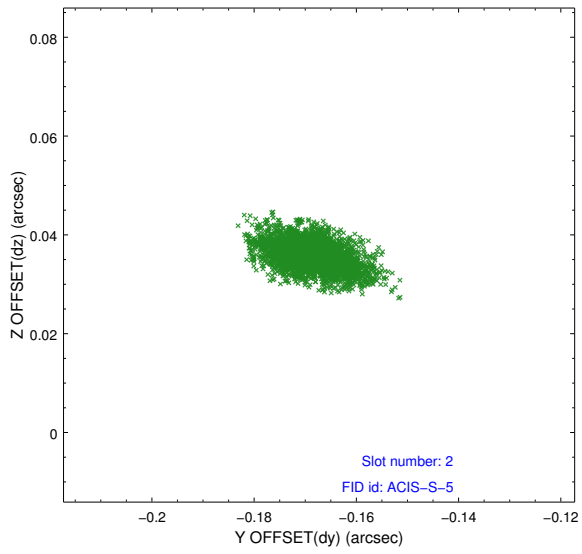
2.5.1 Slot 0



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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.181199

A.2 Comments

It appears the target name is incorrect. The coordinates given by the observer coincide with AX J1844.8-0256.