

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9284 - L2 Version 2
Chandra X-Ray Center

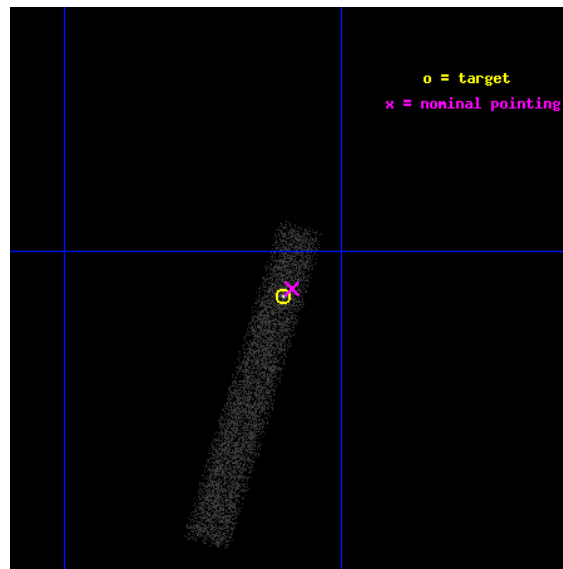
L2 Processing Date : May 18 2012

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1 Front

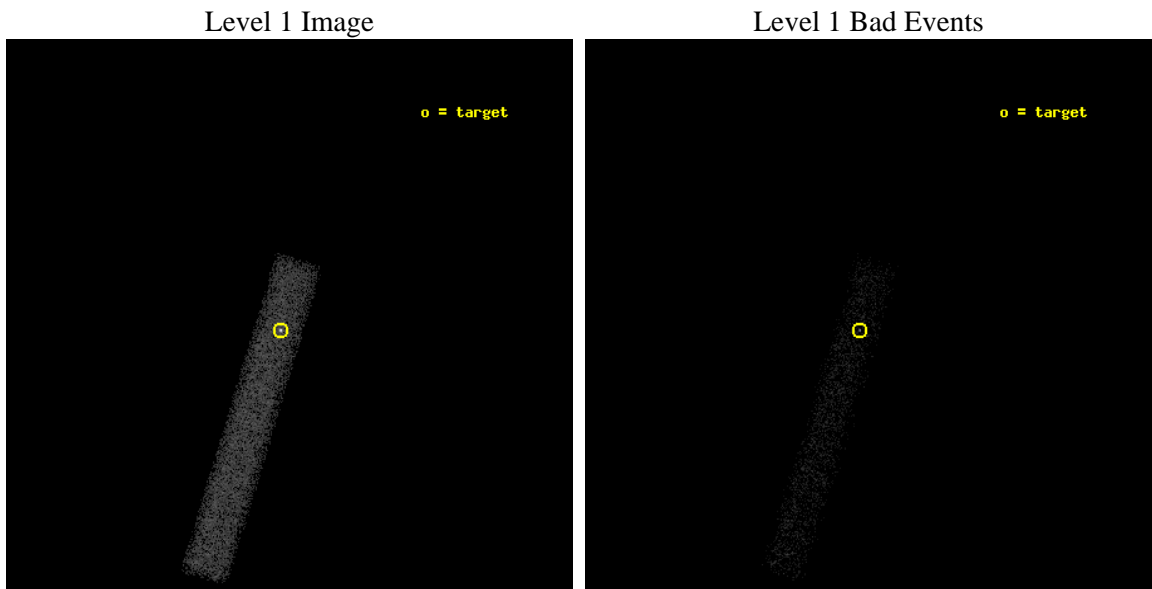
seq_num	701724	Sequence number
obs_id	9284	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	2155-152	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.52625	Observer's specified target RA [deg]
dec_targ	-15.01925	Observer's specified target Dec [deg]
ra_nom	329.52243625181	Nominal RA [deg]
dec_nom	-15.016109820116	Nominal Dec [deg]
roll_nom	106.95701570541	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10189.199392676	Sum of GTIs [s]
livetime	9241.0660191152	Livetime [s]
ontime7	10189.199392676	Sum of GTIs [s]
l2events	11791	Number of level 2 events



2 OBI

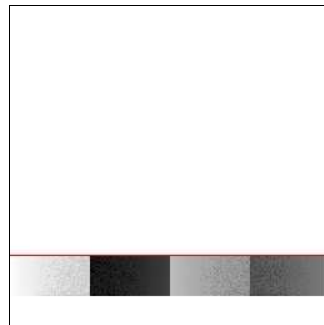
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10189.199392676	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	10189.199392676	Sum of GTIs [s]
date	2012-05-18T02:45:55	Date and time of file creation	l1events	23495	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

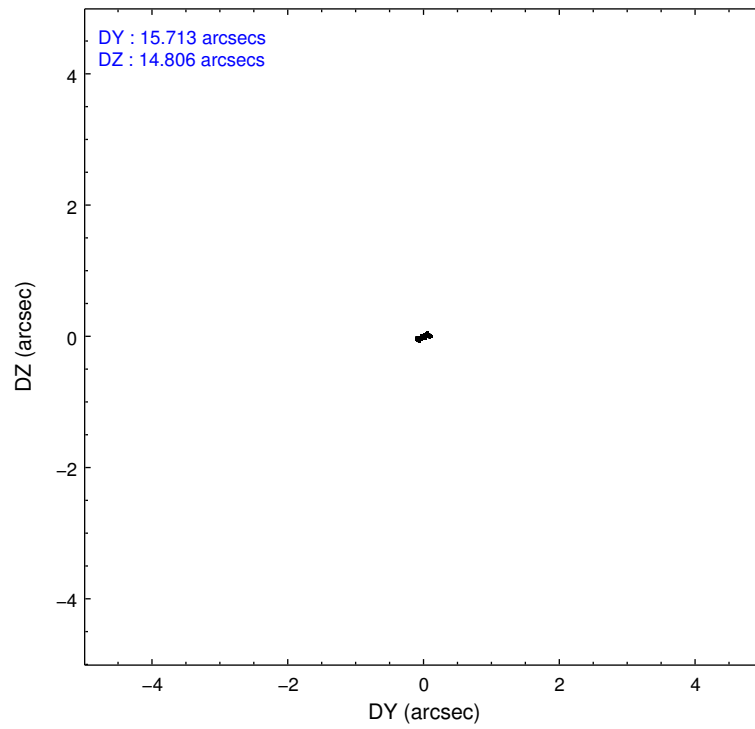
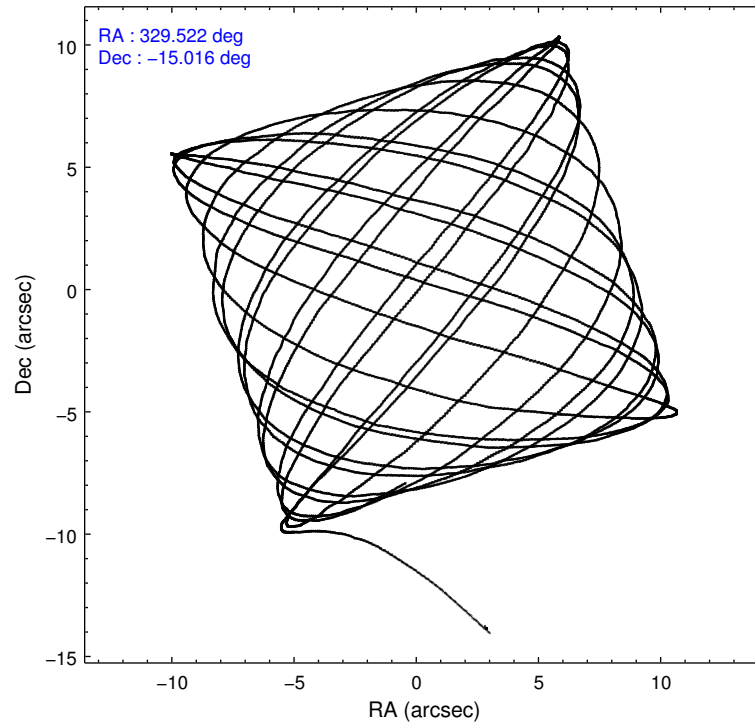
	ccd 7
level 1 events	23495
rejected events	11474
rejected %	48%

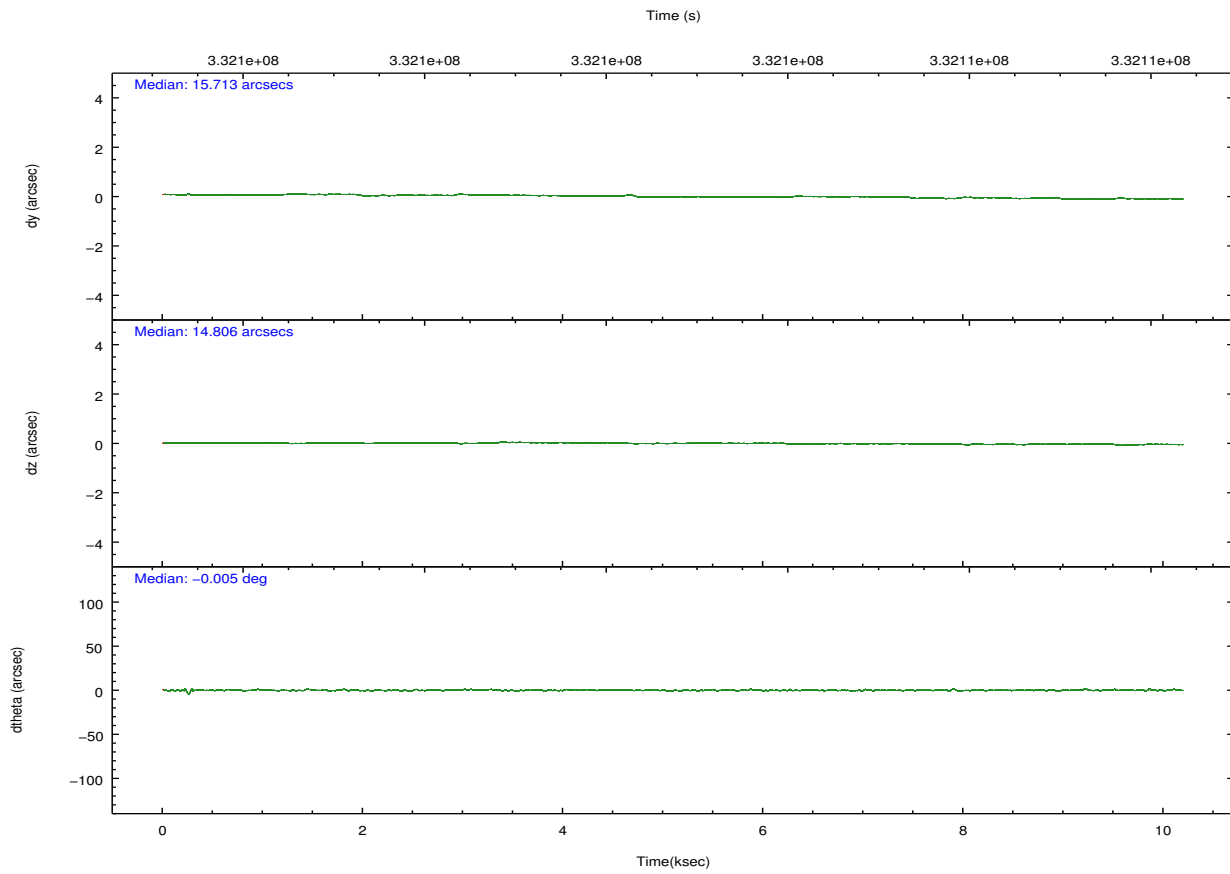
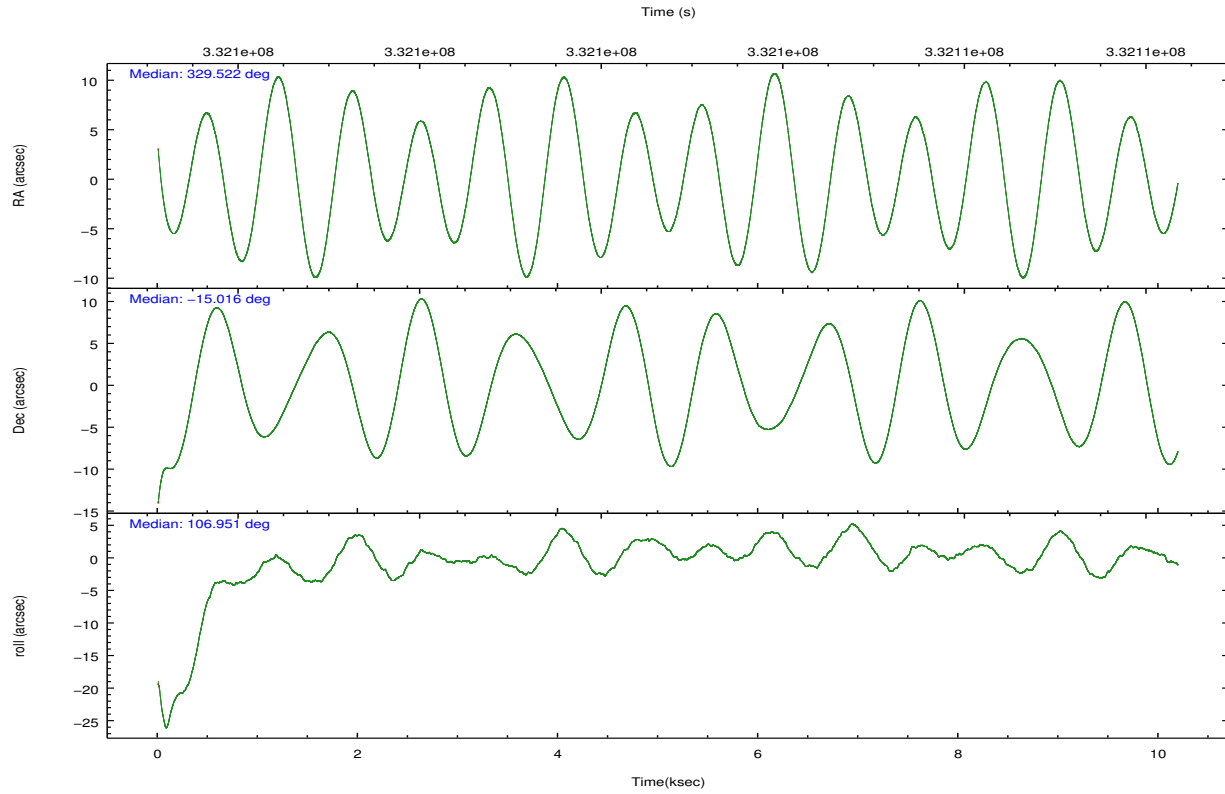
	ccd 7
grade 0 events	1895
	8%
grade 1 events	29
	0%
grade 2 events	2677
	11%
grade 3 events	1563
	6%
grade 4 events	1460
	6%
grade 5 events	1806
	7%
grade 6 events	5251
	22%
grade 7 events	8814
	37%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	329.543437	329.5224362518141	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-15.034436	-15.01610982011647	Subarray start row	100	100
[deg] Pointing Roll	106.805820	106.9570157054109	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	-181.422523	-181.4329921605696			
[mm] SIM translation stage offset	-8.710000000000001	-8.699530422438215			
[s] Observation start time (MET)	332097831.184000	332096686.12167			
Observation start date	2008-07-10T17:22:46	2008-07-10T17:04:46			
[s] Observation end time (MET)	332107831.184000	332108245.55973			
Observation end date	2008-07-10T20:09:26	2008-07-10T20:17:25			
Read mode	TIMED	TIMED			

2.3 Aspect



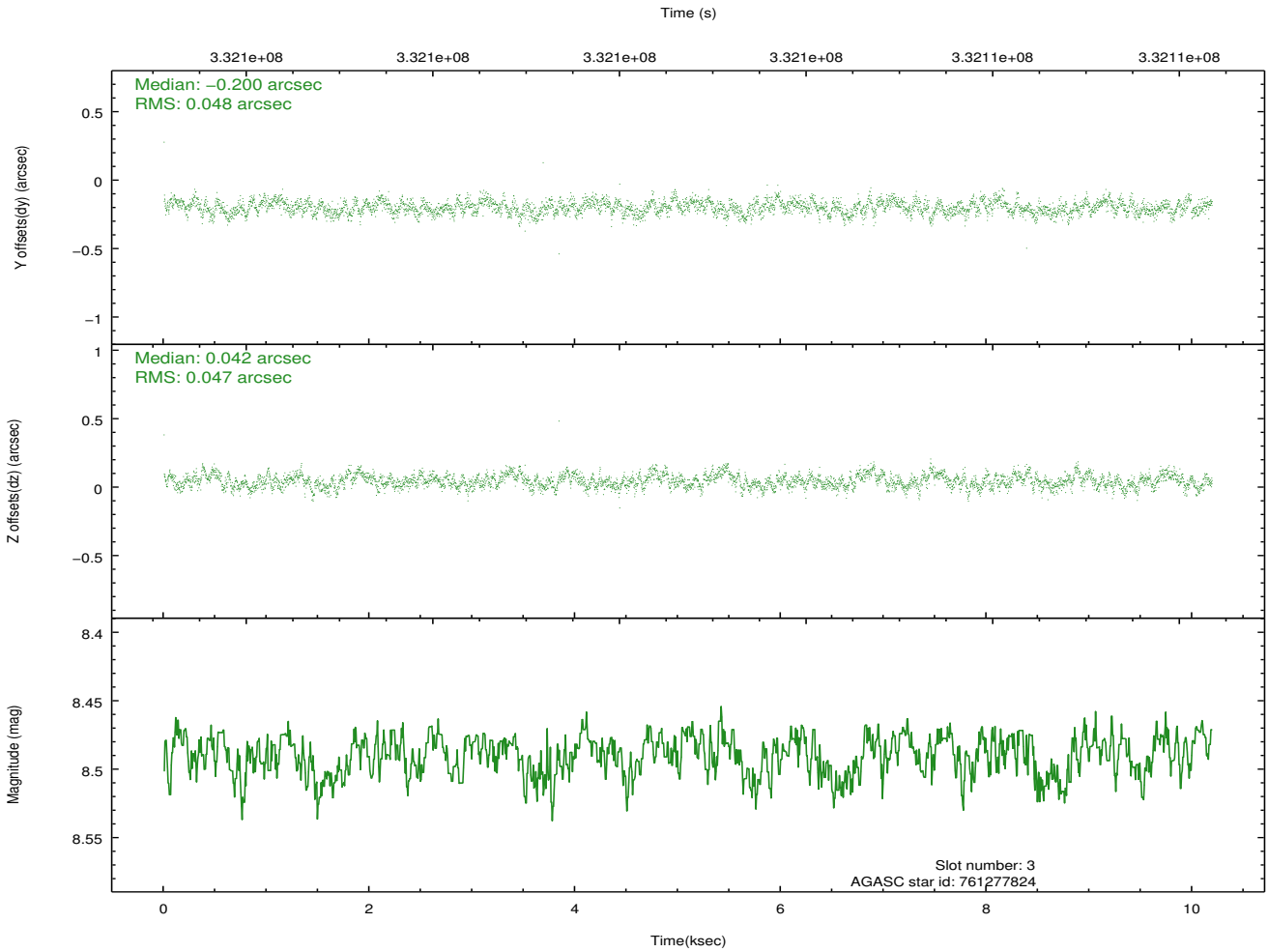
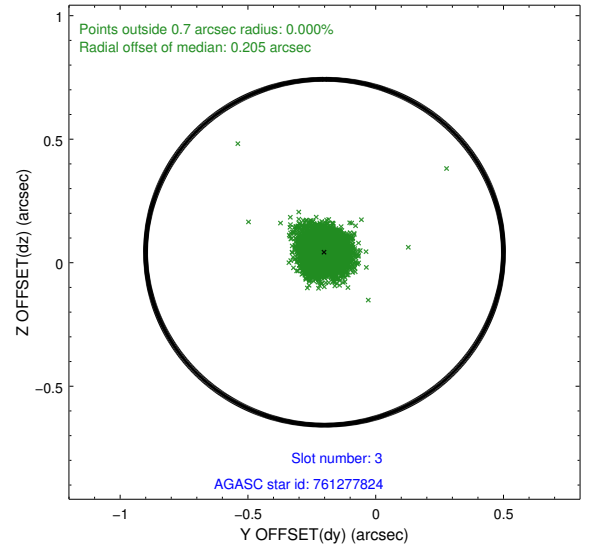
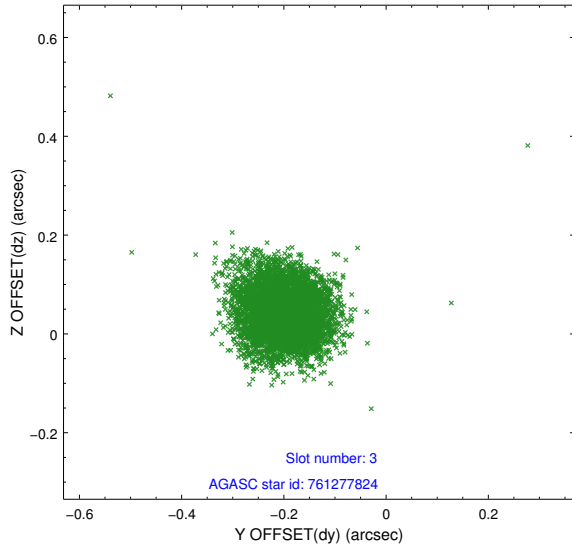


Slot Statistics

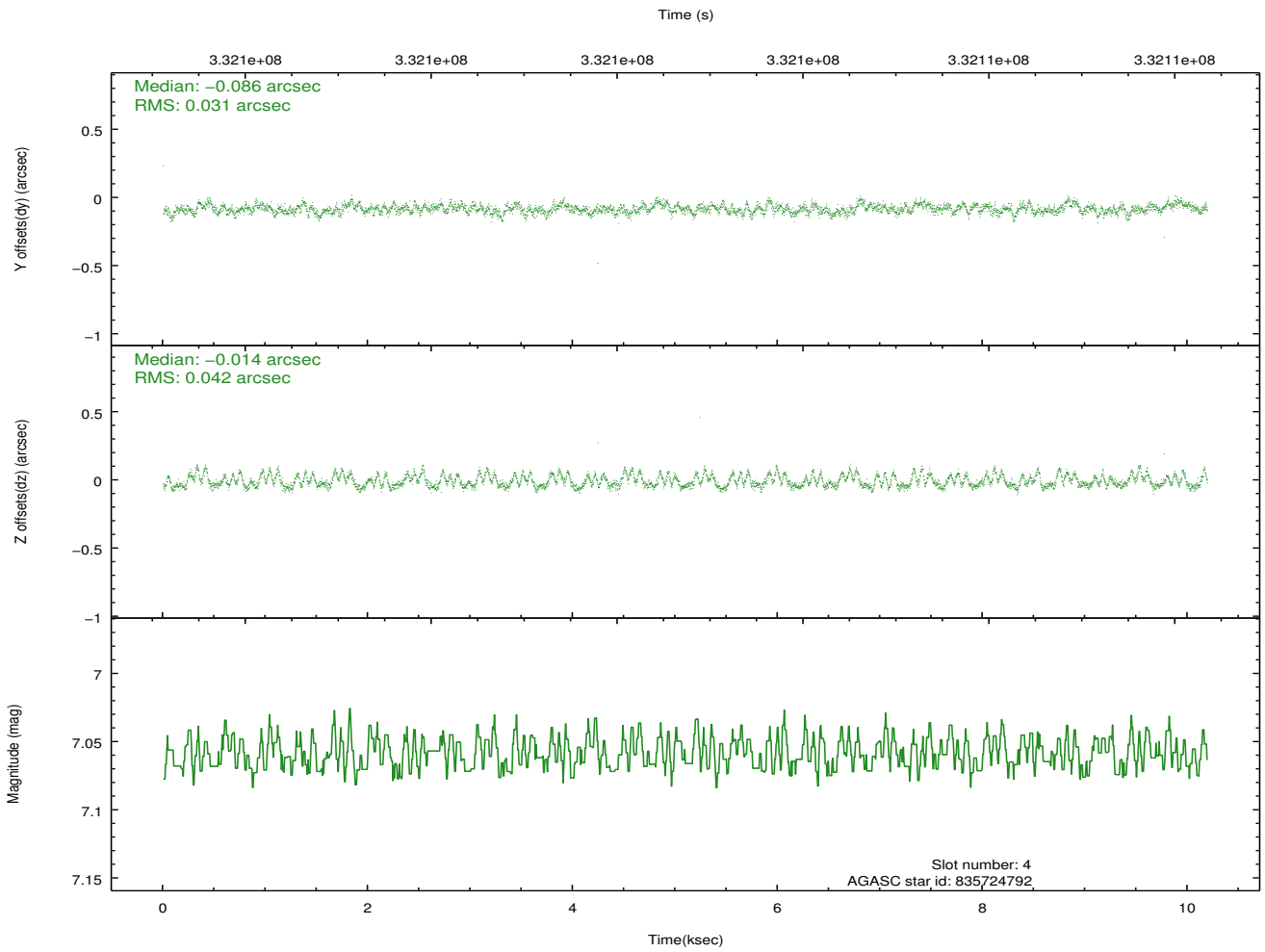
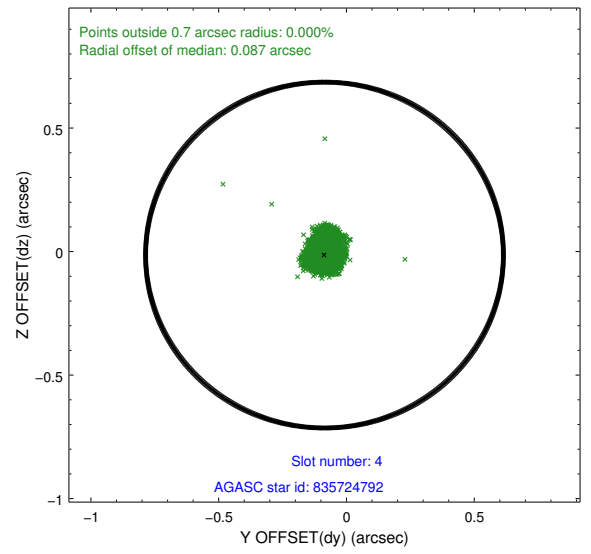
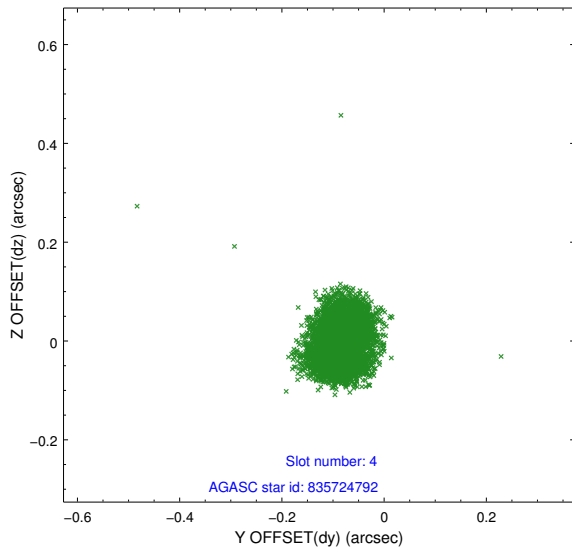
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.02	2485	0.089	0.158	0.006	0.011	0.000000	0.000000	928.05	-1910.84
1	FID	ACIS-S-2	6.93	2486	-0.179	-0.100	0.006	0.010	0.000000	0.000000	-767.84	-1916.25
2	FID	ACIS-S-6	7.23	2486	0.071	-0.054	0.006	0.011	0.000000	0.000000	393.45	629.67
3	GUIDE	761277824	8.49	4967	-0.200	0.042	0.071	0.113	329.793569	-14.509635	1556.54	-1380.36
4	GUIDE	835724792	7.06	4972	-0.086	-0.014	0.055	0.088	329.706150	-15.129389	-490.15	-442.68
5	GUIDE	835724880	8.63	4966	0.153	0.058	0.068	0.116	329.825678	-15.083776	-453.66	-887.41
6	GUIDE	835724888	8.57	4968	0.083	-0.006	0.076	0.119	329.780836	-15.143617	-614.65	-676.12
7	GUIDE	835727984	9.36	4965	0.050	-0.085	0.103	0.170	329.563223	-15.304186	-949.10	214.77

2.4 Star Slots

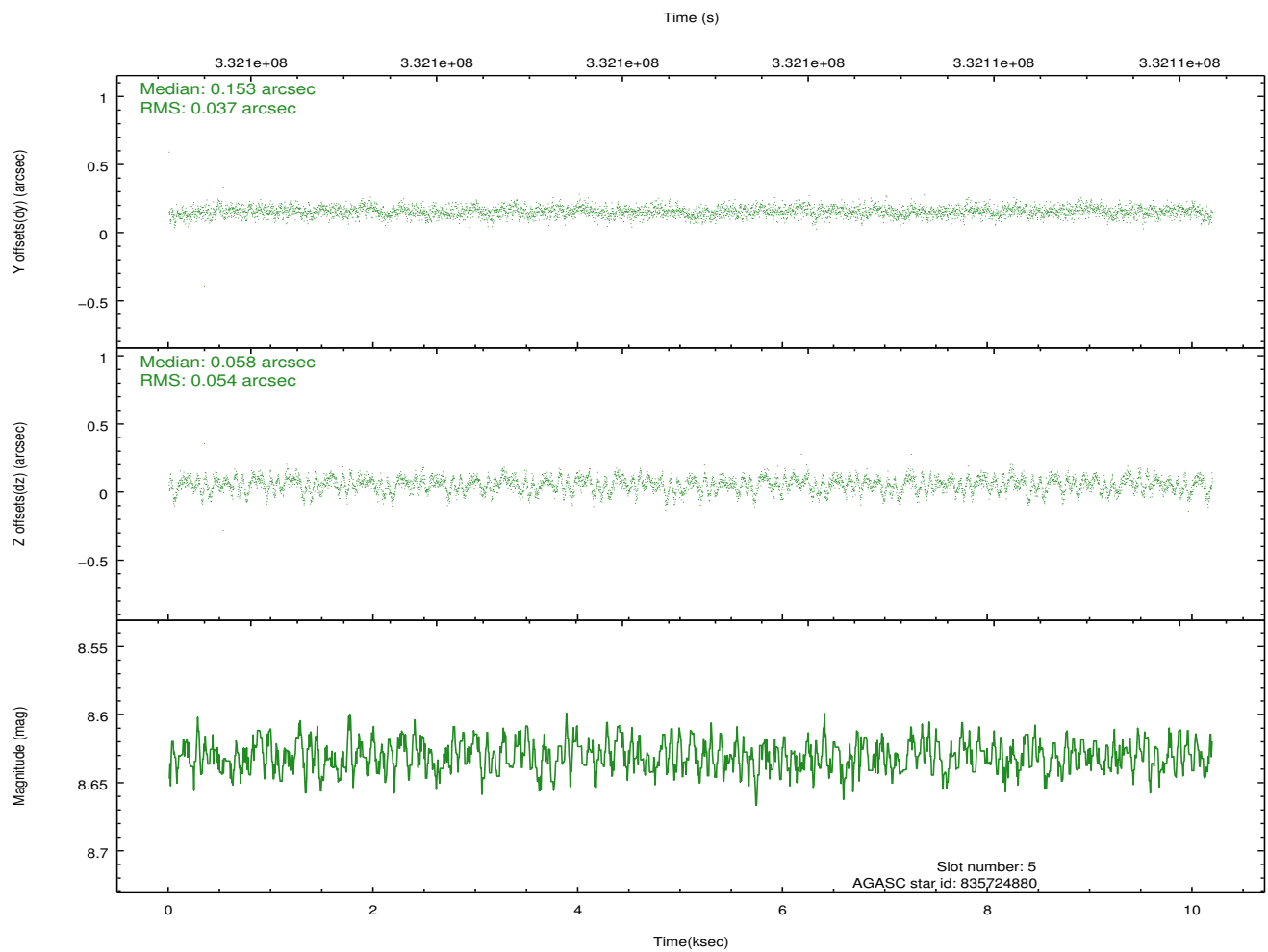
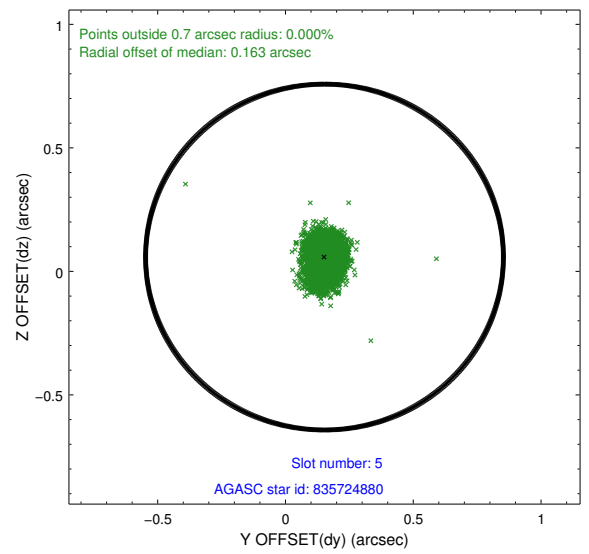
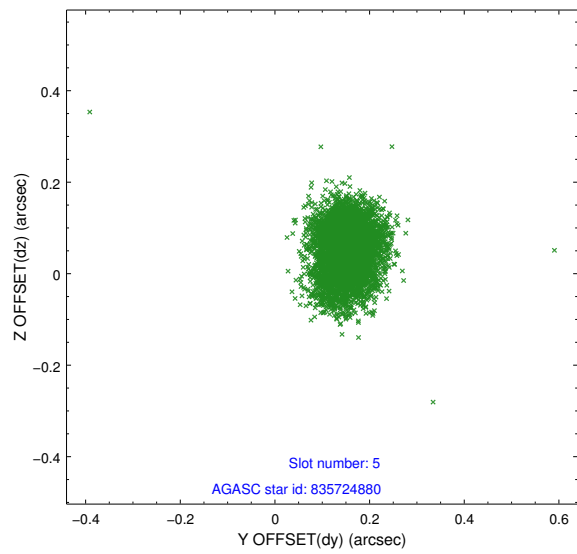
2.4.1 Slot 3



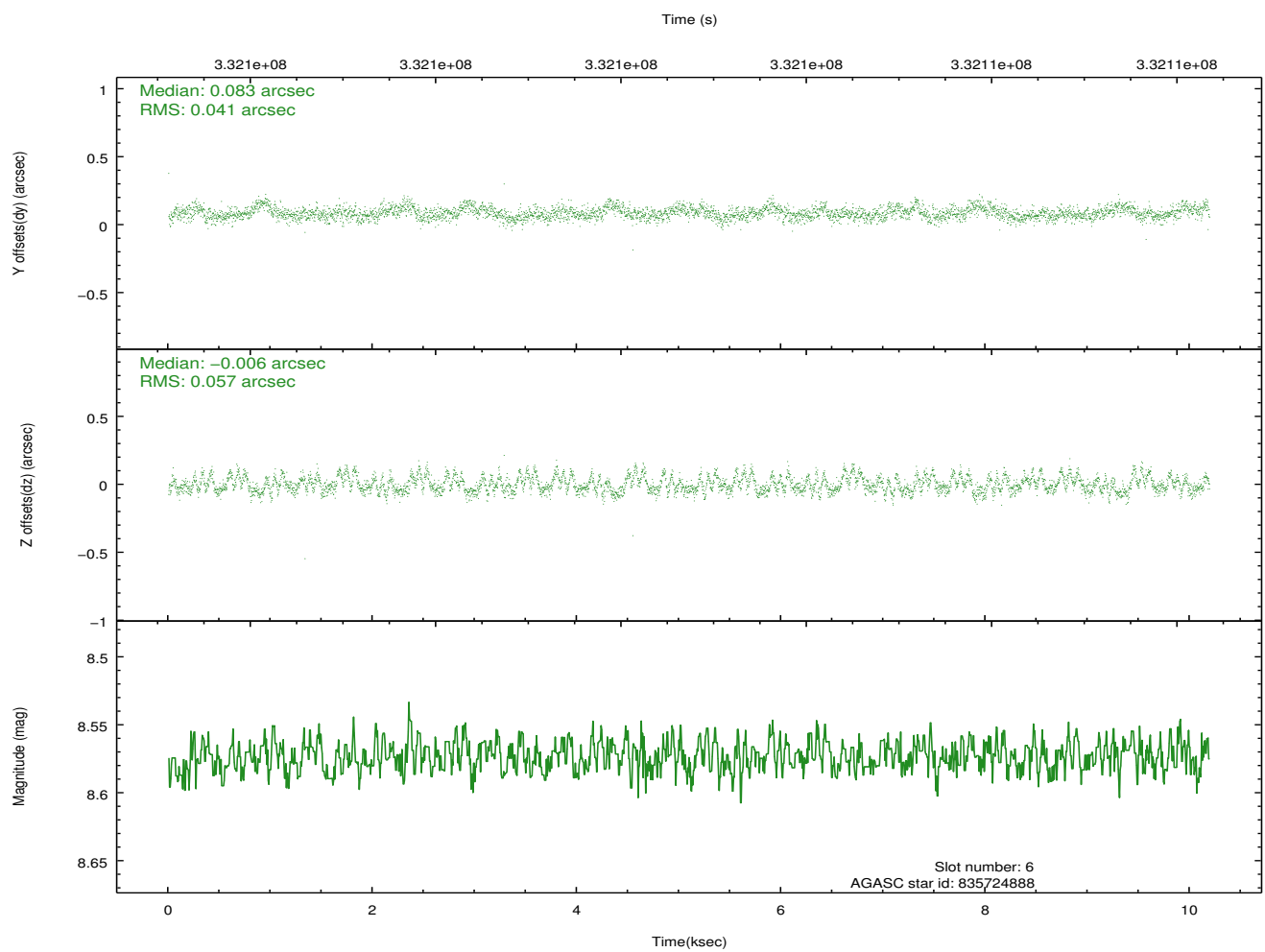
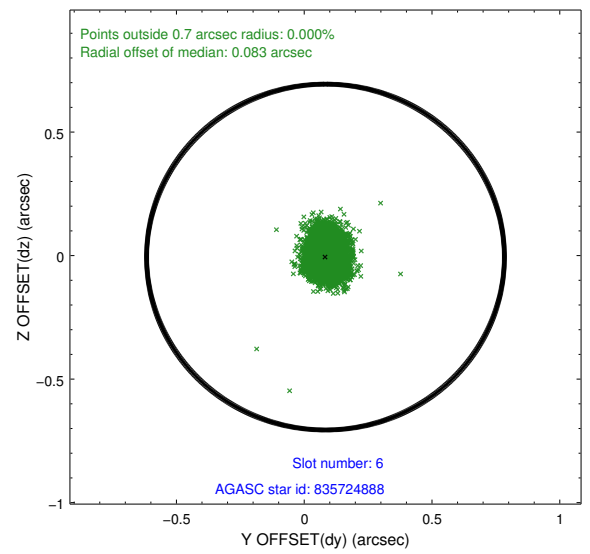
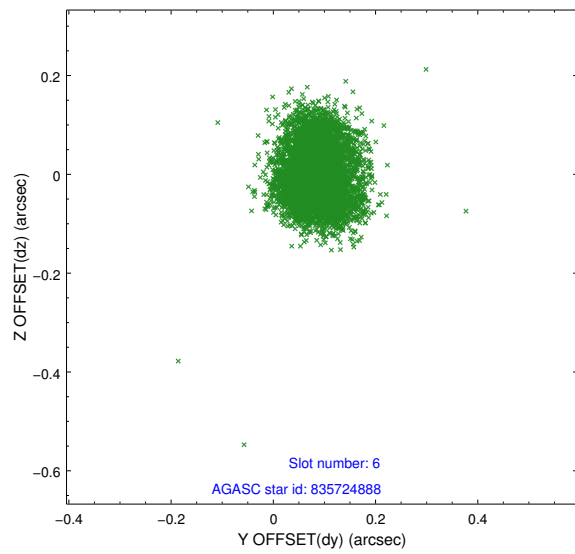
2.4.2 Slot 4



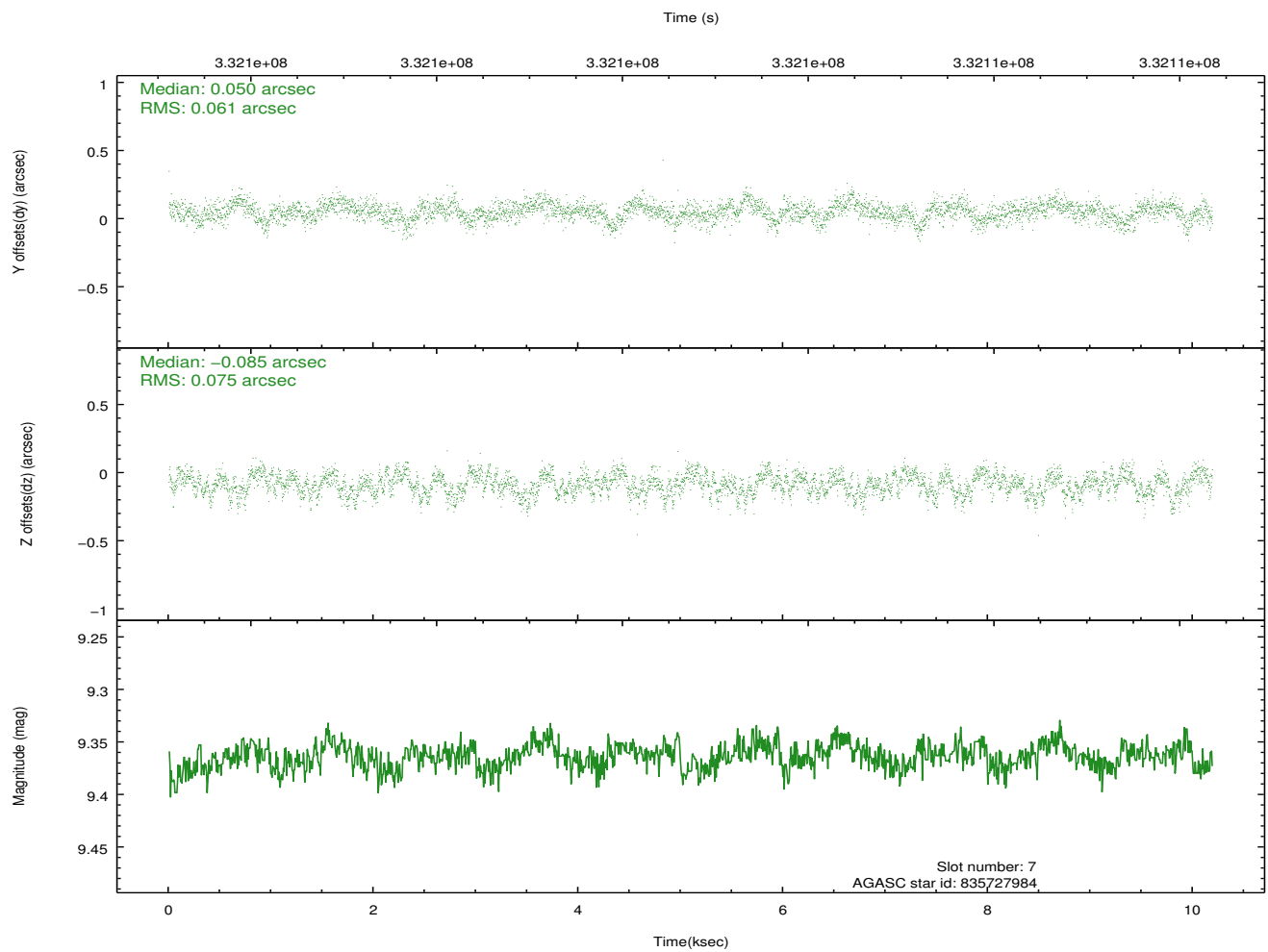
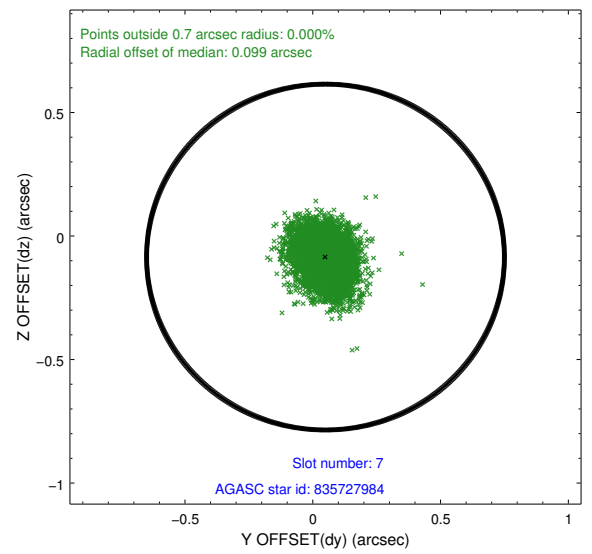
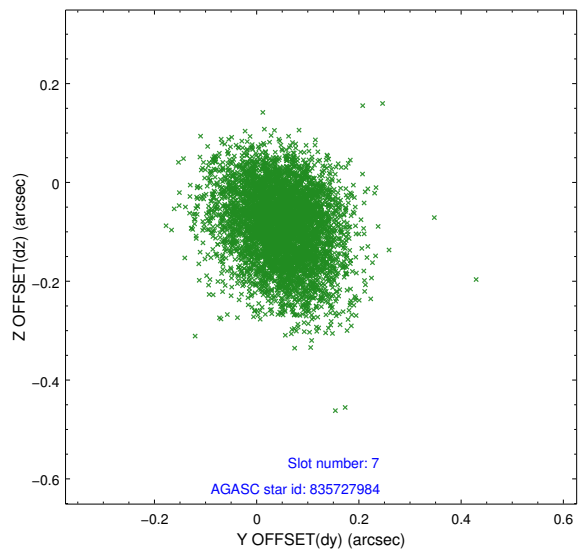
2.4.3 Slot 5



2.4.4 Slot 6

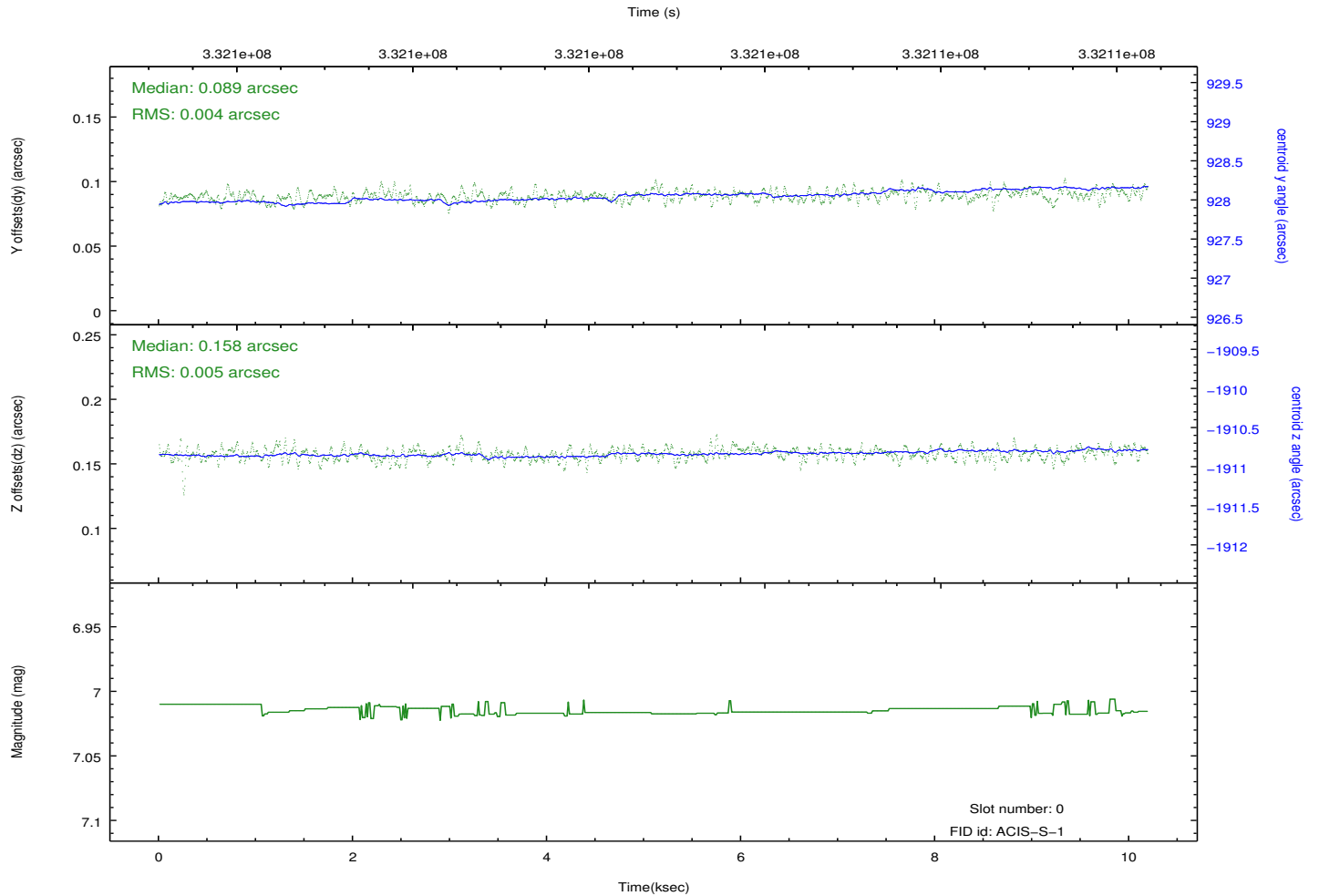
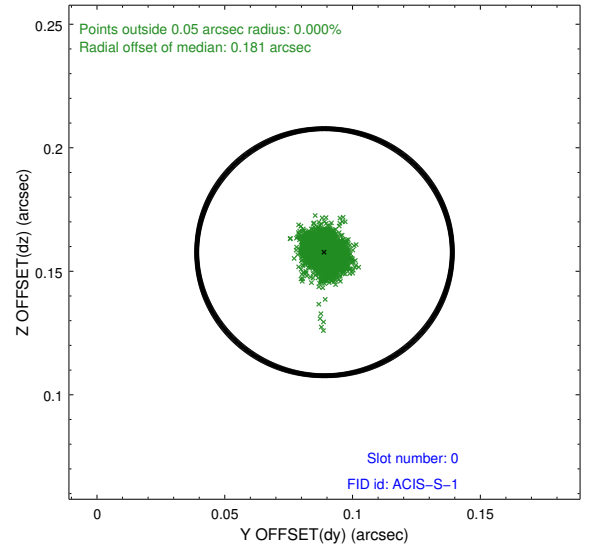
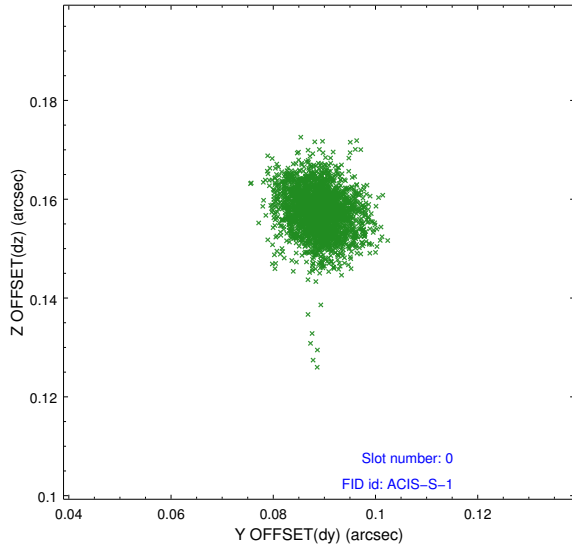


2.4.5 Slot 7

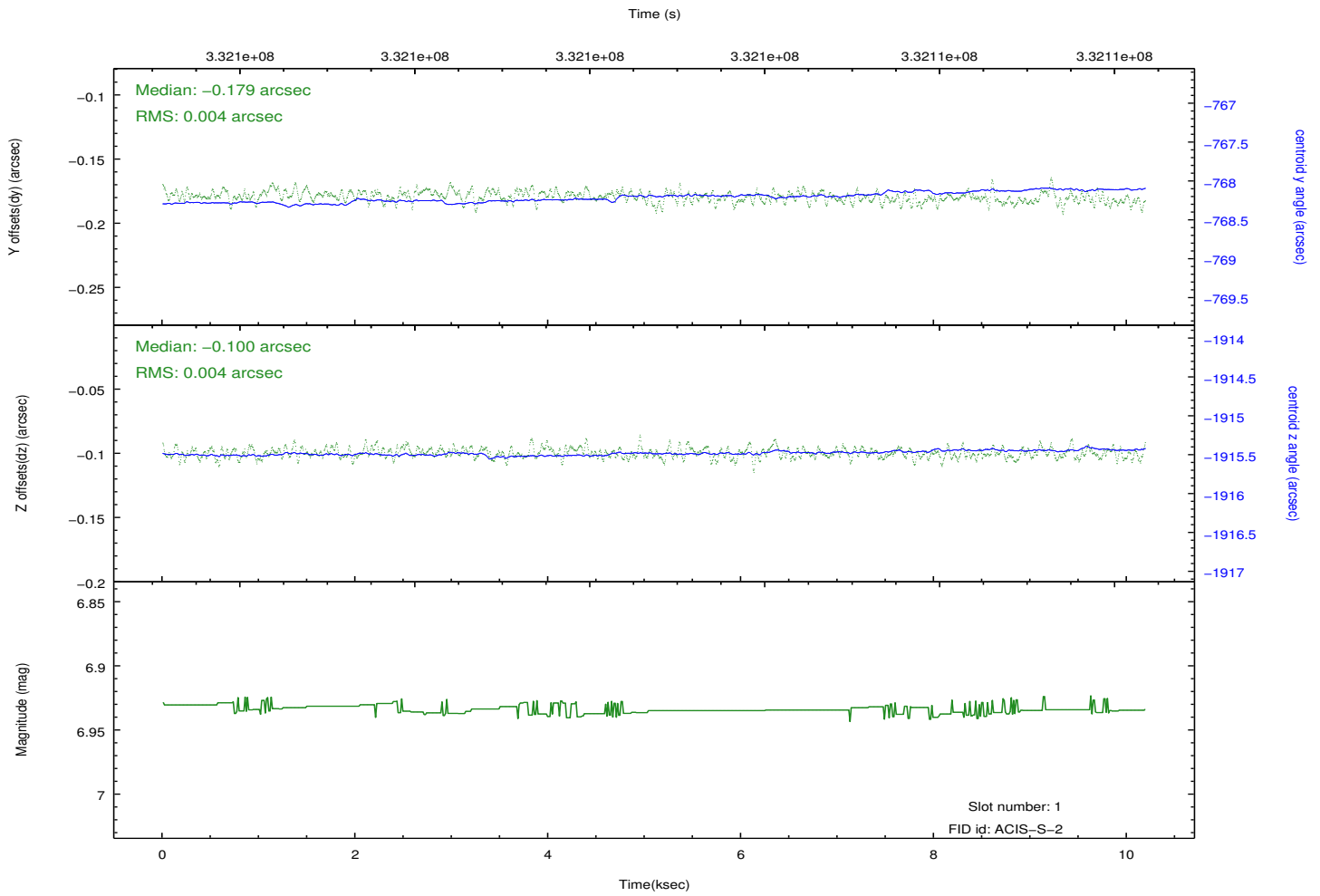
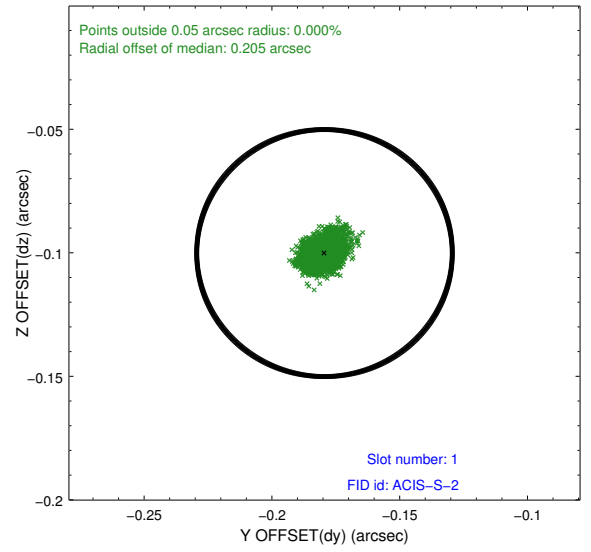
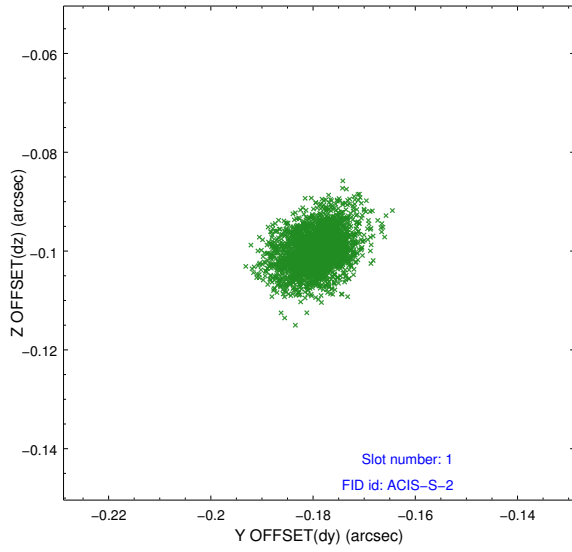


2.5 FID Slots

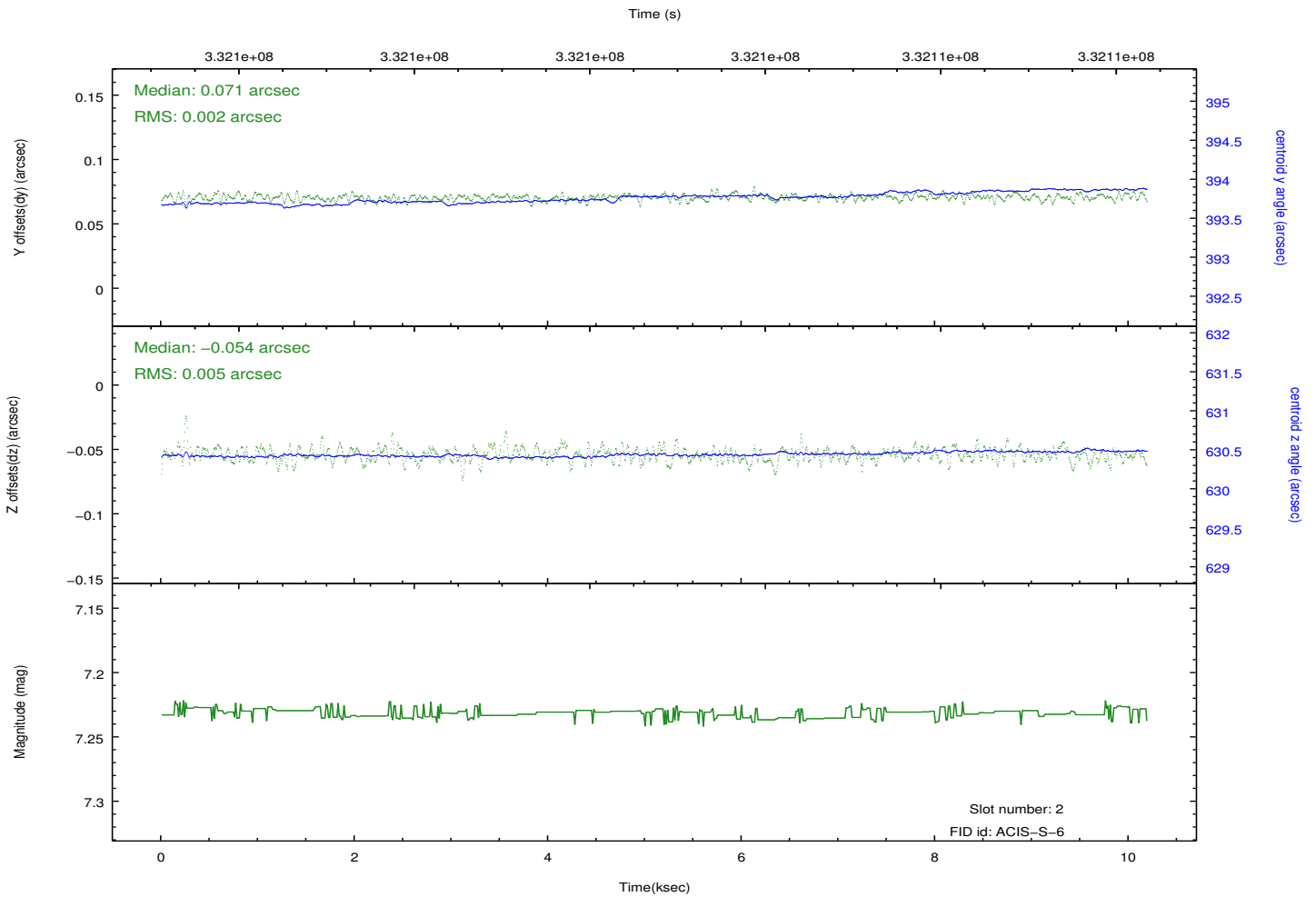
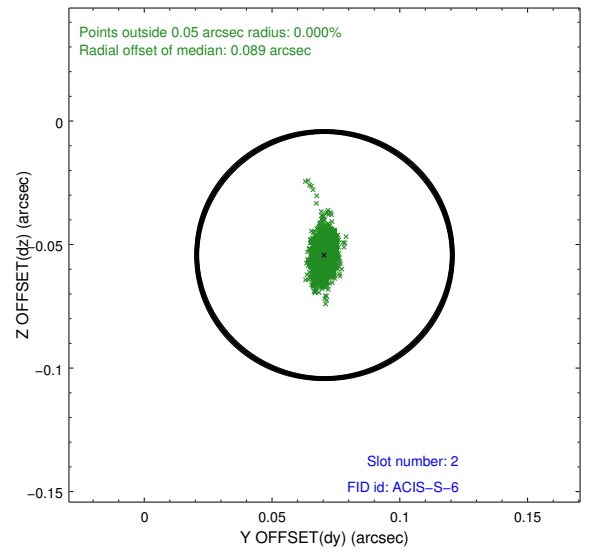
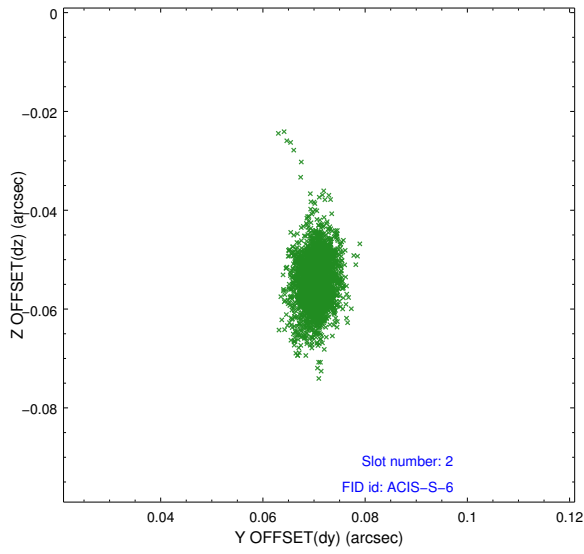
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1891993

A.2 Comments