

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3796 - L2 Version 4
Chandra X-Ray Center

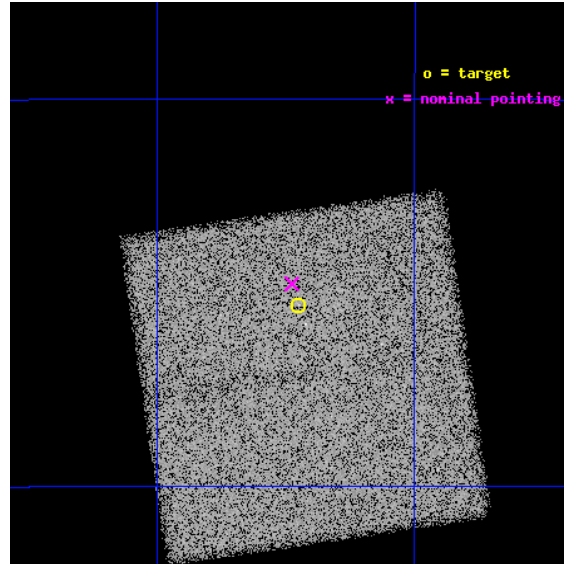
L2 Processing Date : Oct 22 2012

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1 Front

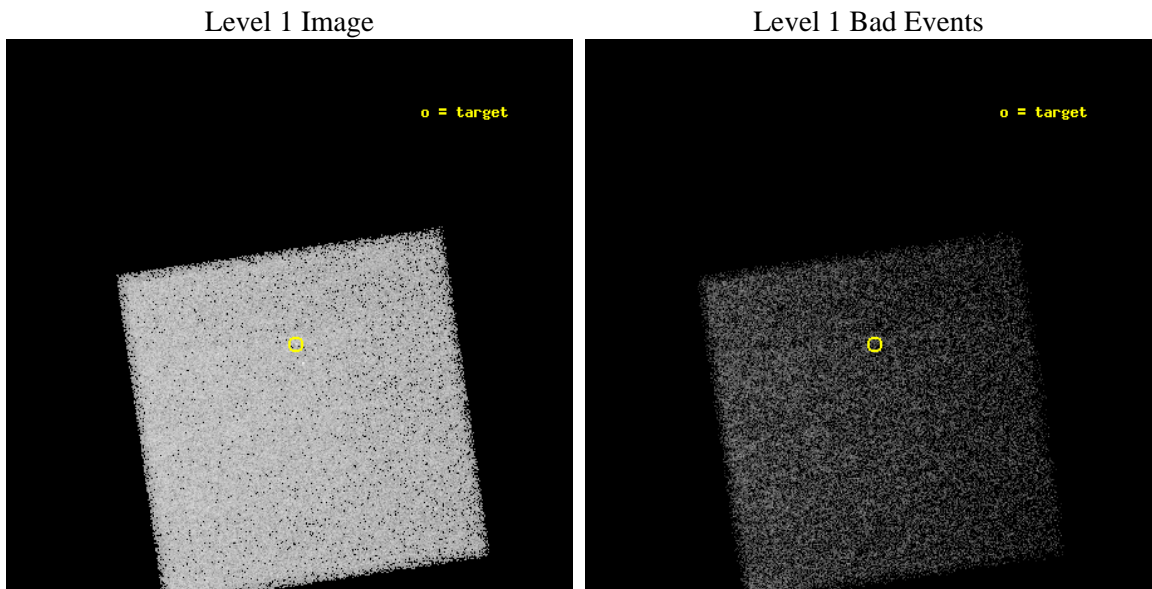
seq_num	400283	Sequence number
obs_id	3796	Observation id
title	MONITORING TWO QUASI-PERSISTENT X-RAY BINARIES IN QUIESCENCE	Propo
observer	Dr. Rudy Wijnands	Principal investigator
object	KS 1731-260	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.55625	Observer's specified target RA [deg]
dec_targ	-26.088556	Observer's specified target Dec [deg]
ra_nom	263.55966325545	Nominal RA [deg]
dec_nom	-26.079393325324	Nominal Dec [deg]
roll_nom	81.658140674464	Nominal Roll [deg]
revision	4	Processing version of data
ontime	30063.0	Sum of GTIs [s]
livetime	29657.288296109	Livetime [s]
ontime7	30063.0	Sum of GTIs [s]
l2events	105855	Number of level 2 events



2 OBI

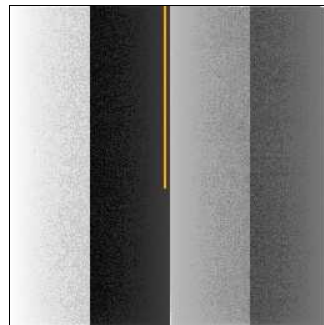
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	29600.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	30063.0	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	30063.0	Sum of GTIs [s]
date	2012-10-22T14:07:25	Date and time of file creation	l1events	258210	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

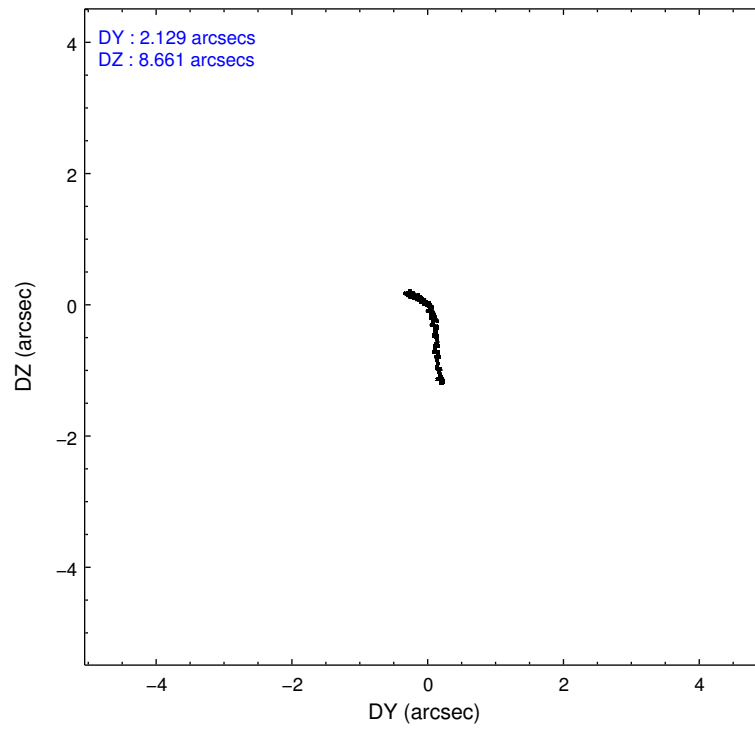
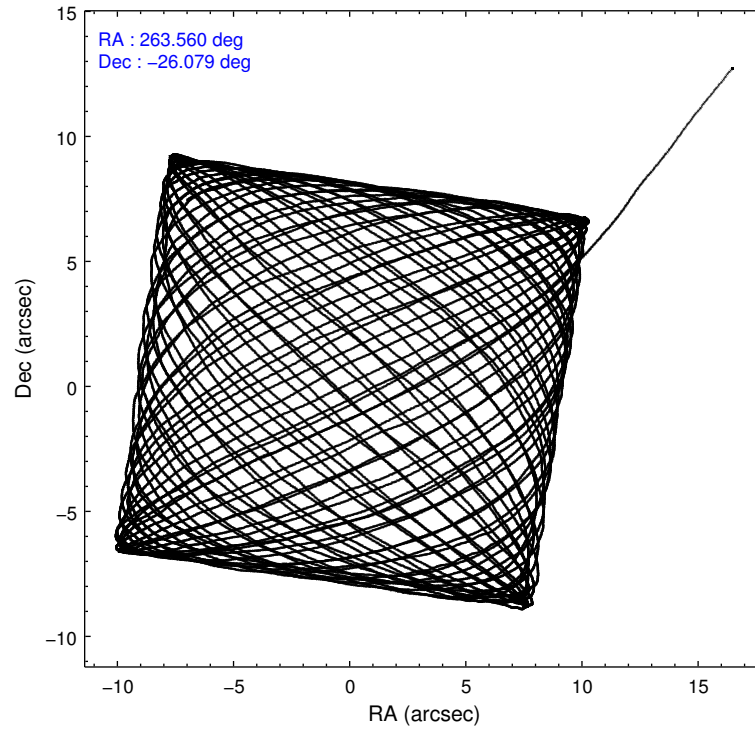
	ccd 7
level 1 events	258210
rejected events	149626
rejected %	57%

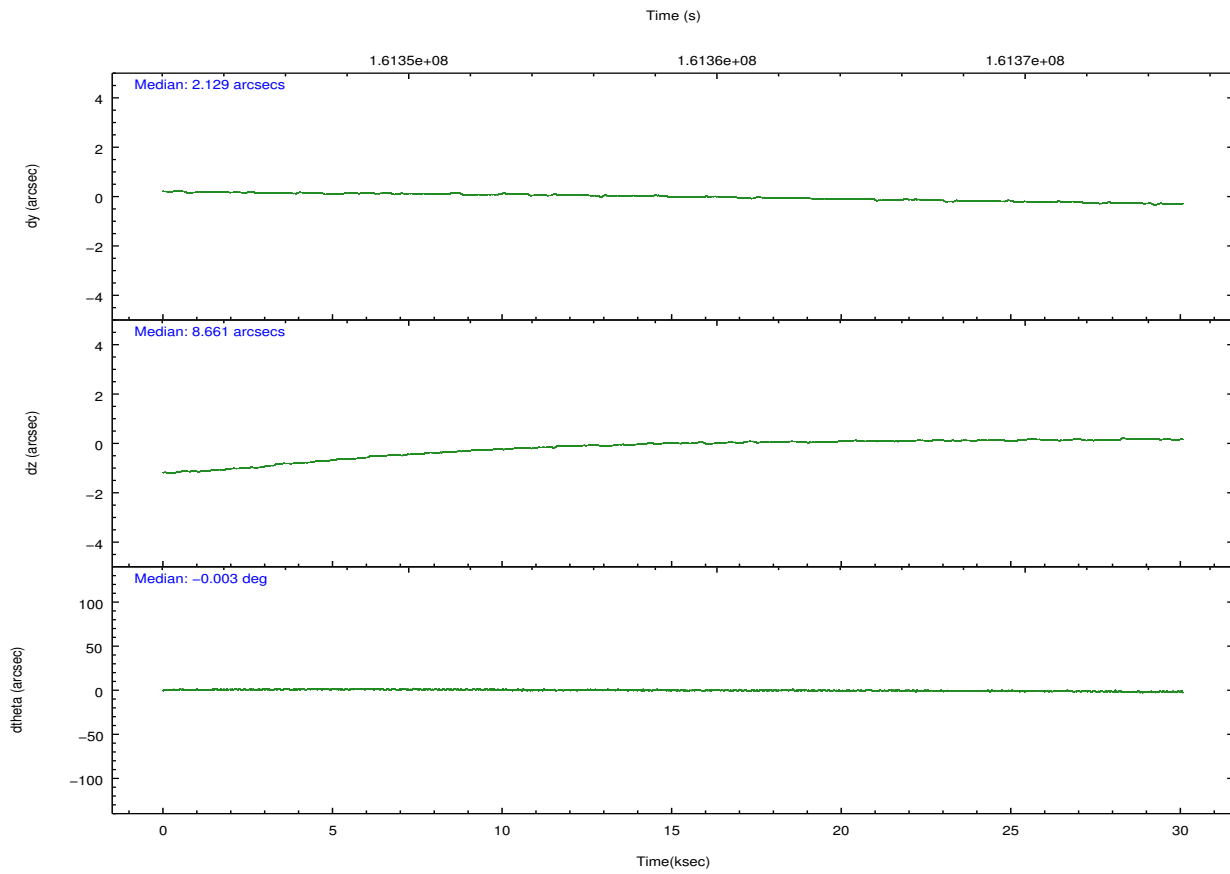
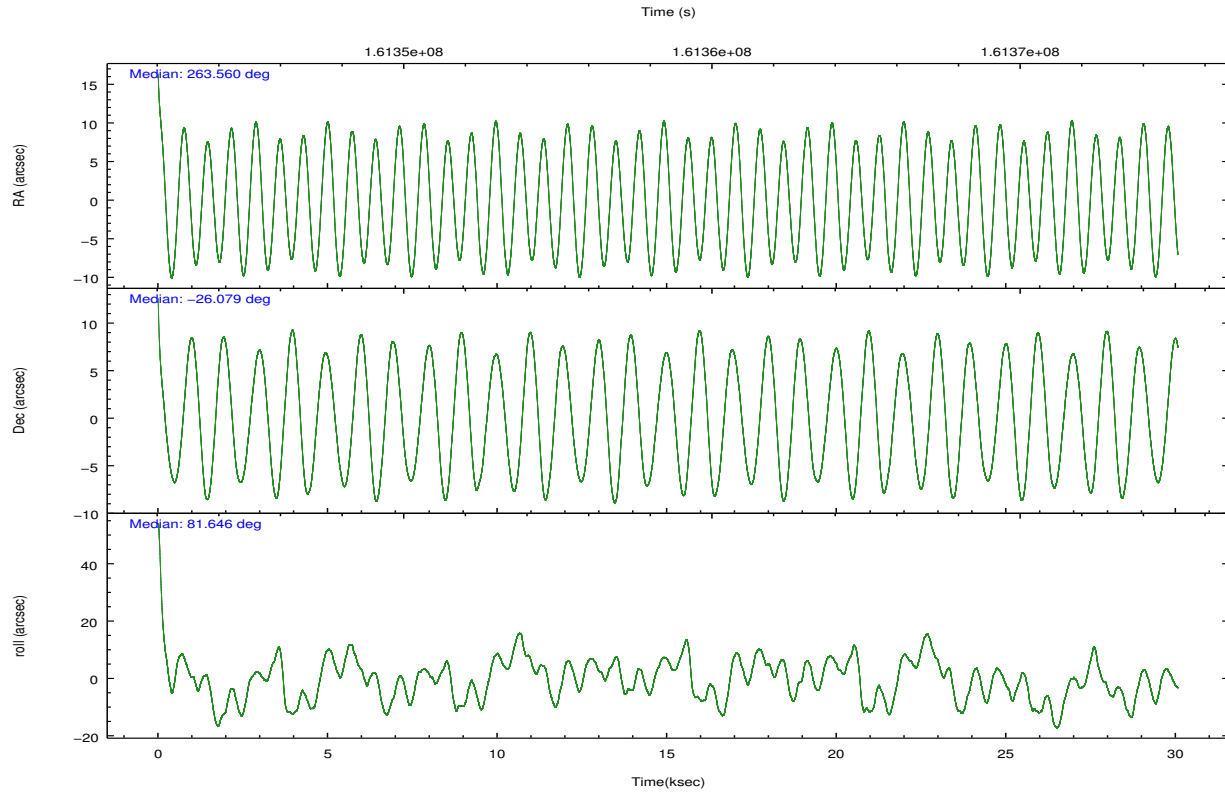
	ccd 7
grade 0 events	10171
	3%
grade 1 events	231
	0%
grade 2 events	21279
	8%
grade 3 events	9980
	3%
grade 4 events	9929
	3%
grade 5 events	24639
	9%
grade 6 events	57874
	22%
grade 7 events	124107
	48%

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	263.571237	263.5596632554513	Subarray requested	NONE	NONE
[deg] Pointing Dec	-26.104551	-26.0793933253244	Alternating exposures requested	N	N
[deg] Pointing Roll	81.506594	81.65814067446421	[s] Primary exposure time	0.000000	3
[s] Window start time (MET)	160617664.184000	160617664.184000			
[s] Window stop time (MET)	163036864.184000	163036864.184000			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	161344011.184000	161342890.76711			
Observation start date	2003-02-11T09:45:47	2003-02-11T09:28:10			
[s] Observation end time (MET)	161373611.184000	161374633.48094			
Observation end date	2003-02-11T17:59:07	2003-02-11T18:17:13			
Read mode	TIMED	TIMED			

2.3 Aspect





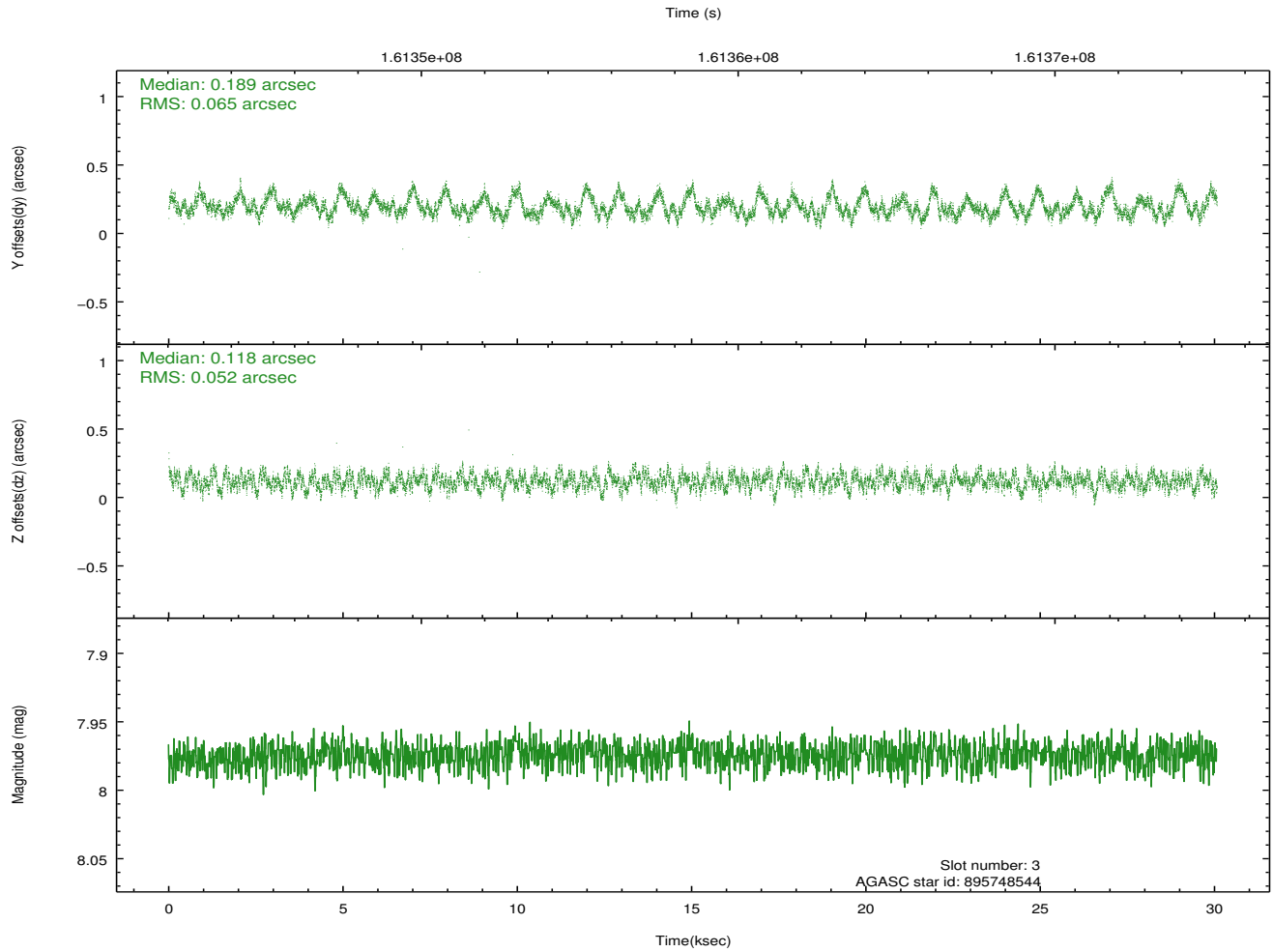
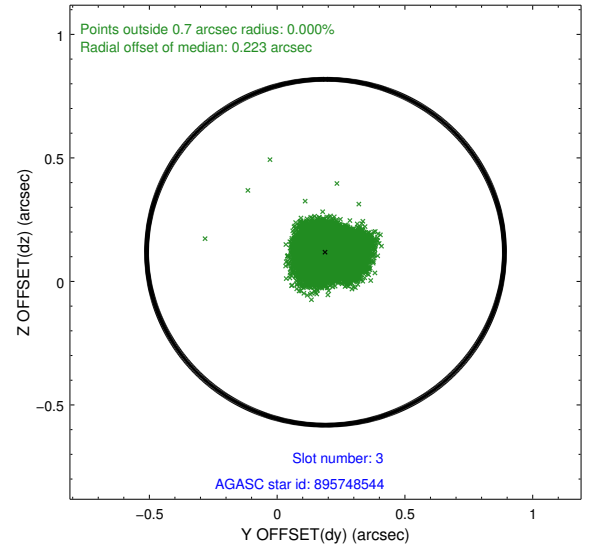
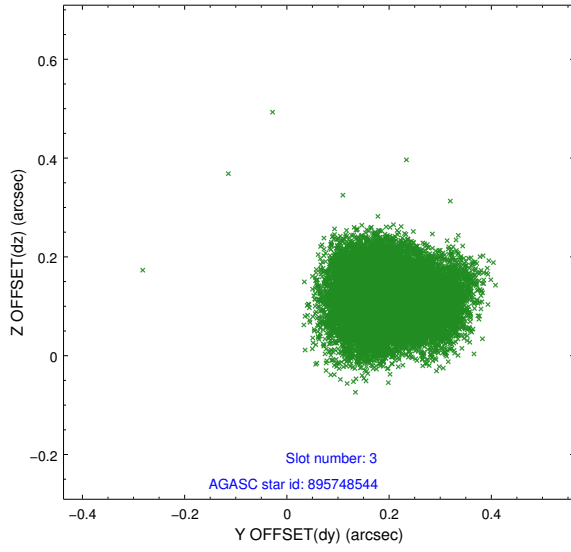
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.35	7333	-0.067	-0.022	0.017	0.047	0.000000	0.000000	58.38	-1858.76
1	FID	ACIS-S-4	7.20	7334	0.005	0.046	0.014	0.028	0.000000	0.000000	2158.64	178.74
2	FID	ACIS-S-5	7.23	7332	0.035	-0.013	0.012	0.025	0.000000	0.000000	-1807.44	172.51
3	GUIDE	895748544	7.97	14668	0.189	0.118	0.089	0.142	263.692859	-26.739685	-2203.33	-724.59
4	GUIDE	895881920	9.40	14631	0.212	0.095	0.088	0.153	263.913988	-26.630022	-1708.98	-1370.66
5	GUIDE	895882536	9.59	14657	0.248	0.230	0.096	0.155	264.066482	-26.424198	-904.67	-1749.34
6	BAD	895882448	10.26	14019	-0.493	-0.152	0.142	0.240	264.180279	-26.834668	-2314.77	-2324.08
7	GUIDE	895223200	10.45	14603	-0.186	-0.299	0.184	0.310	262.834279	-26.055766	-185.82	2381.74

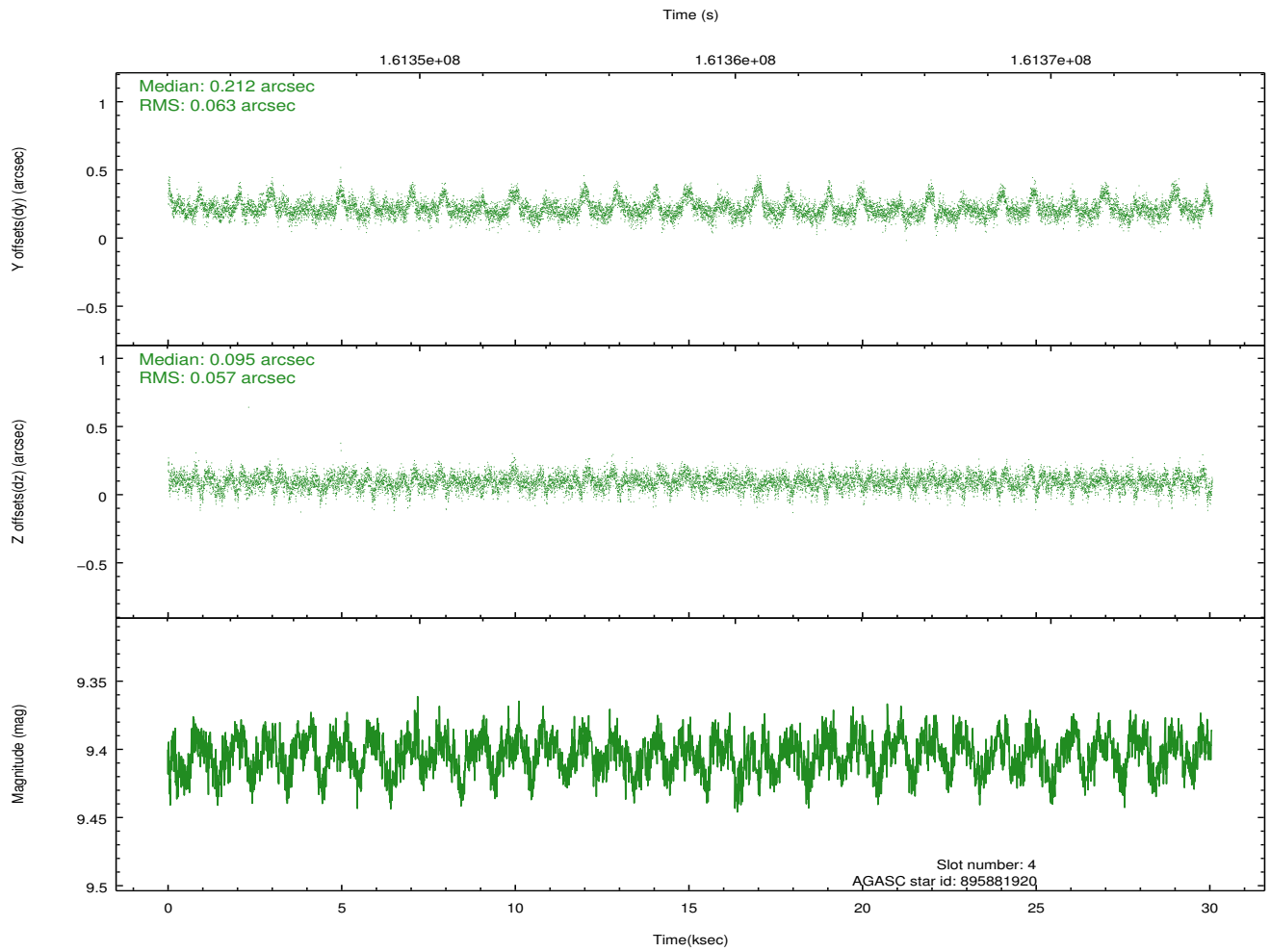
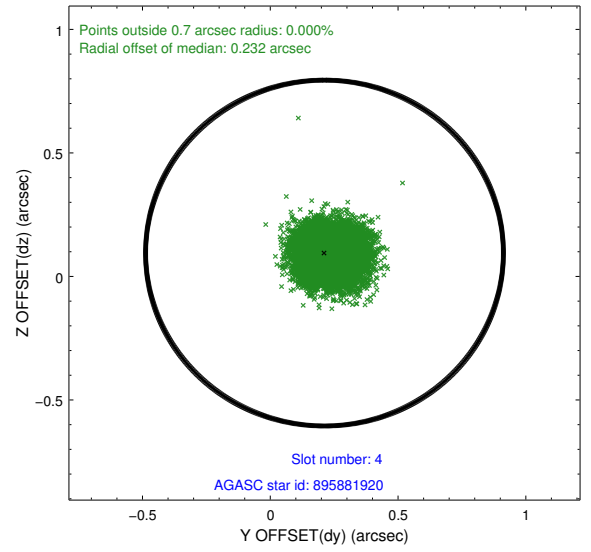
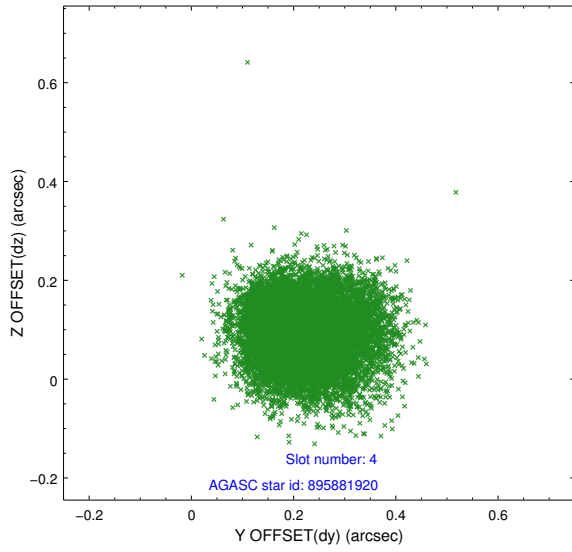
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2.4 Star Slots

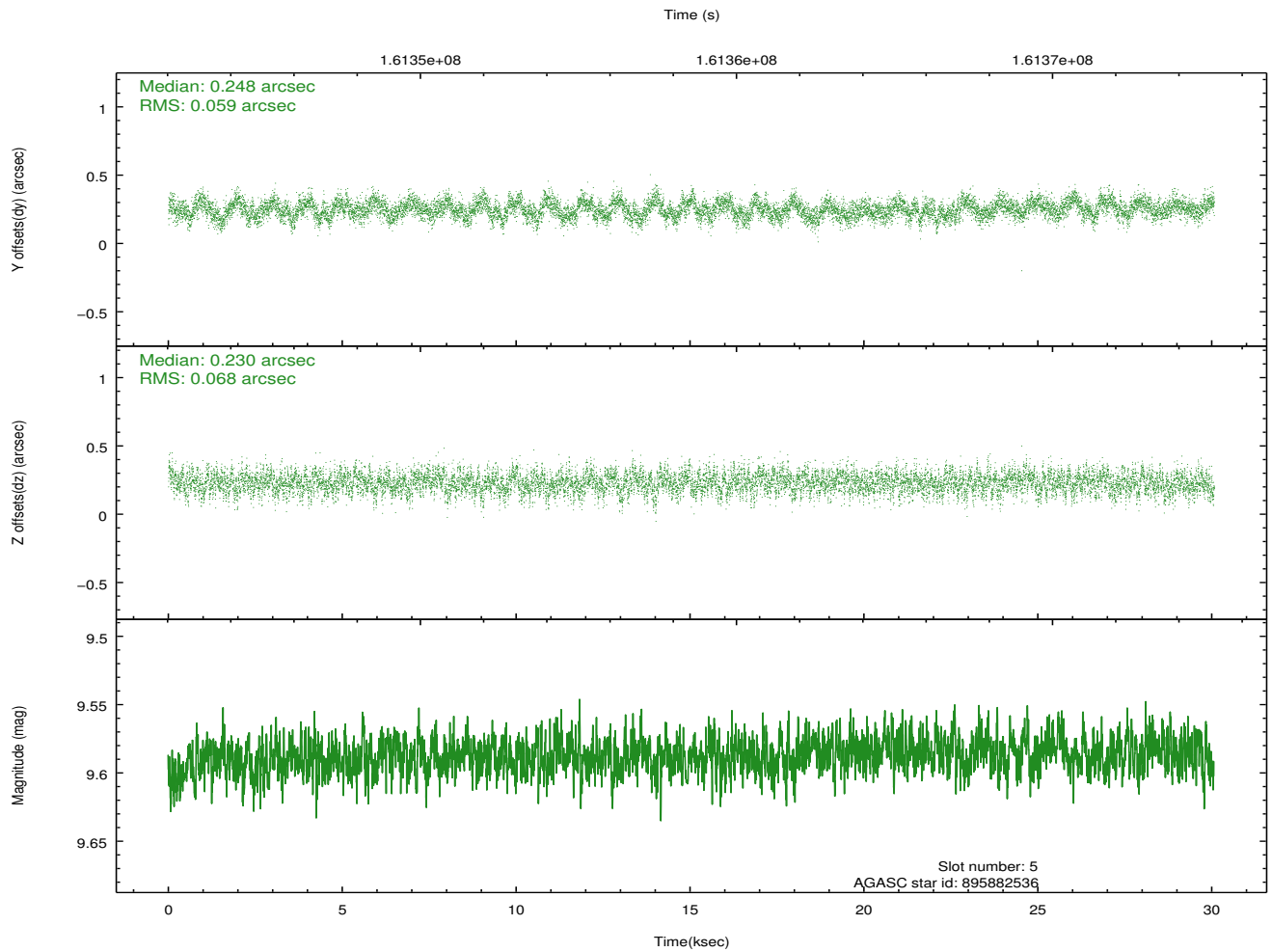
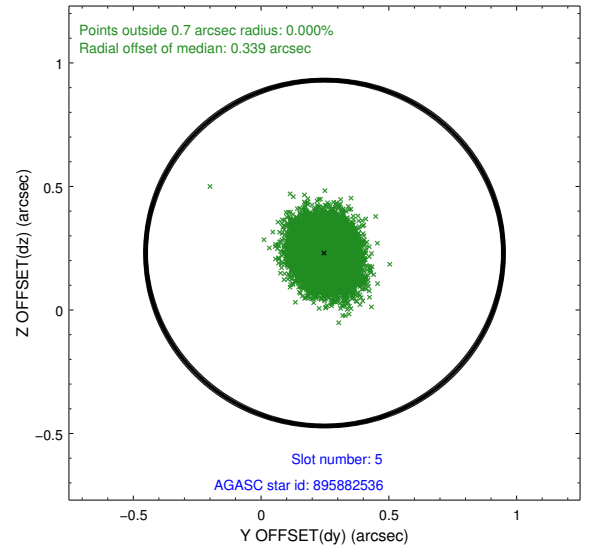
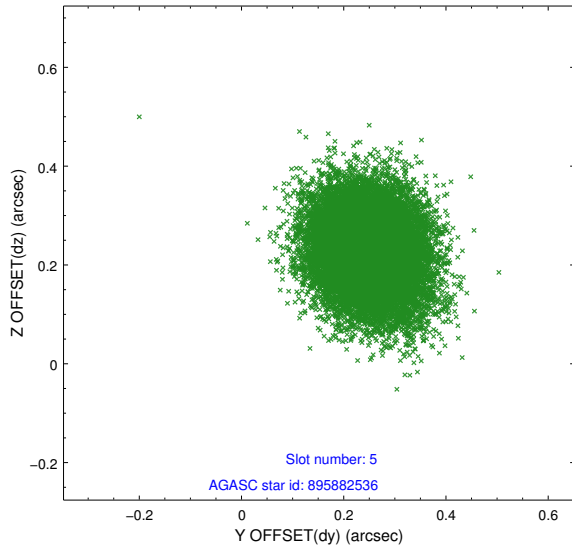
2.4.1 Slot 3



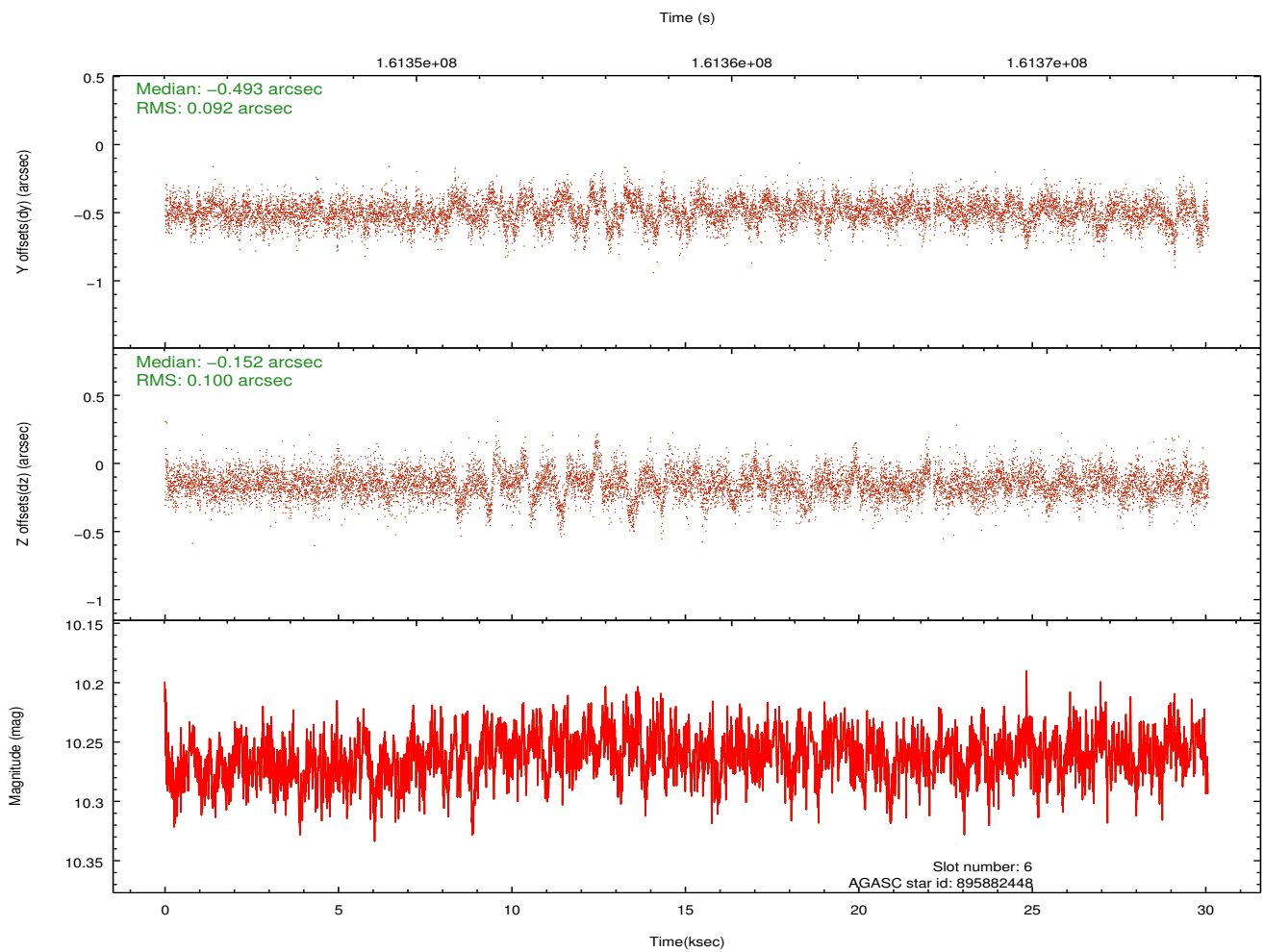
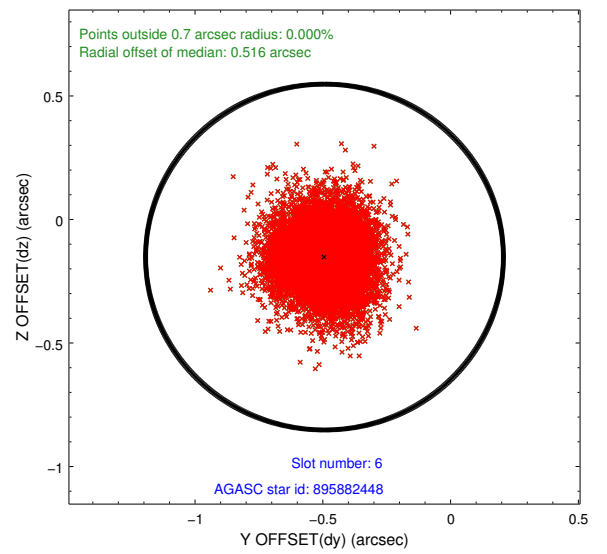
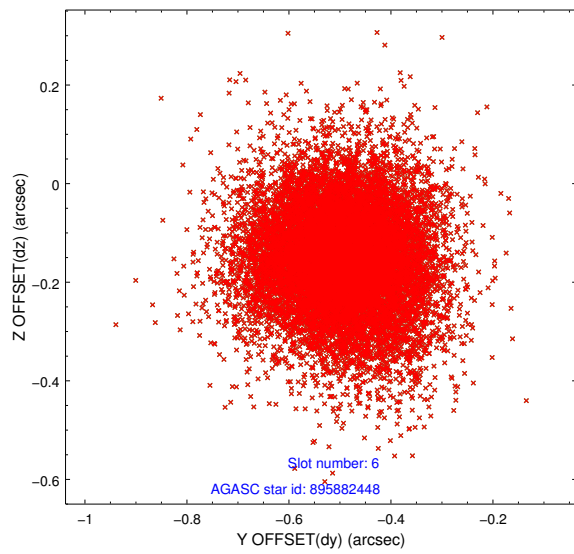
2.4.2 Slot 4



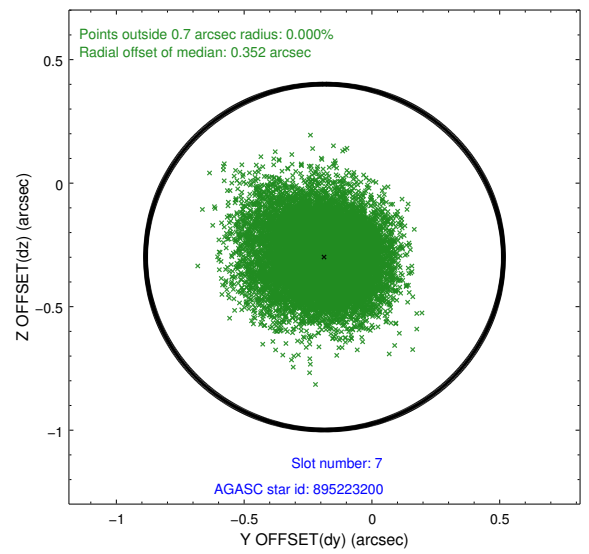
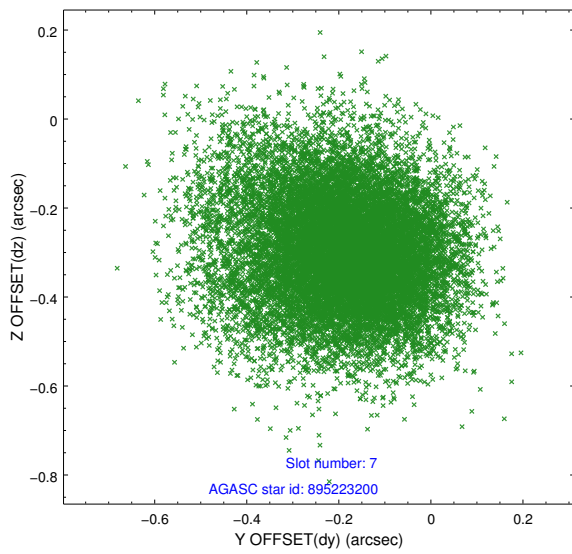
2.4.3 Slot 5



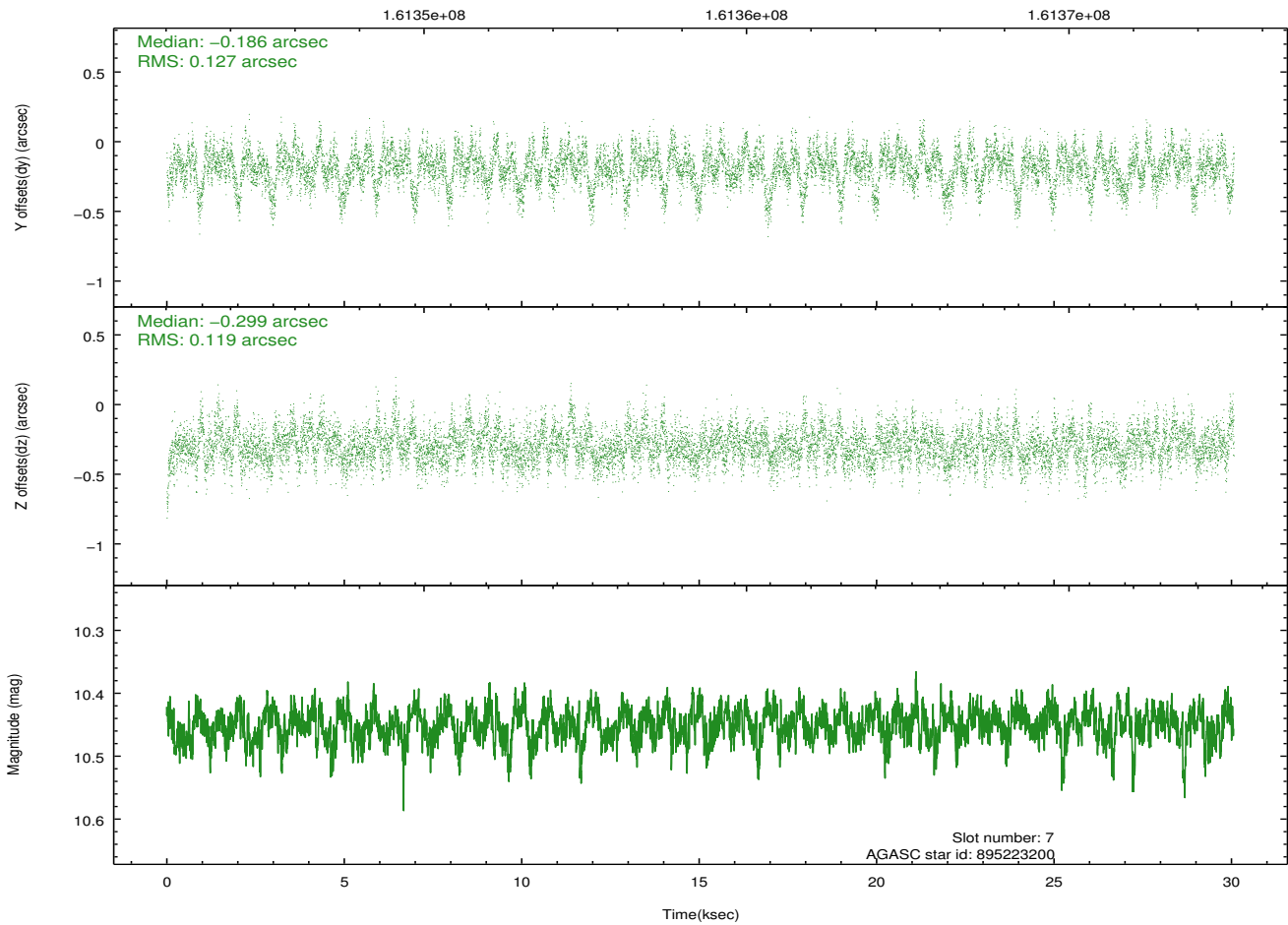
2.4.4 Slot 6



2.4.5 Slot 7

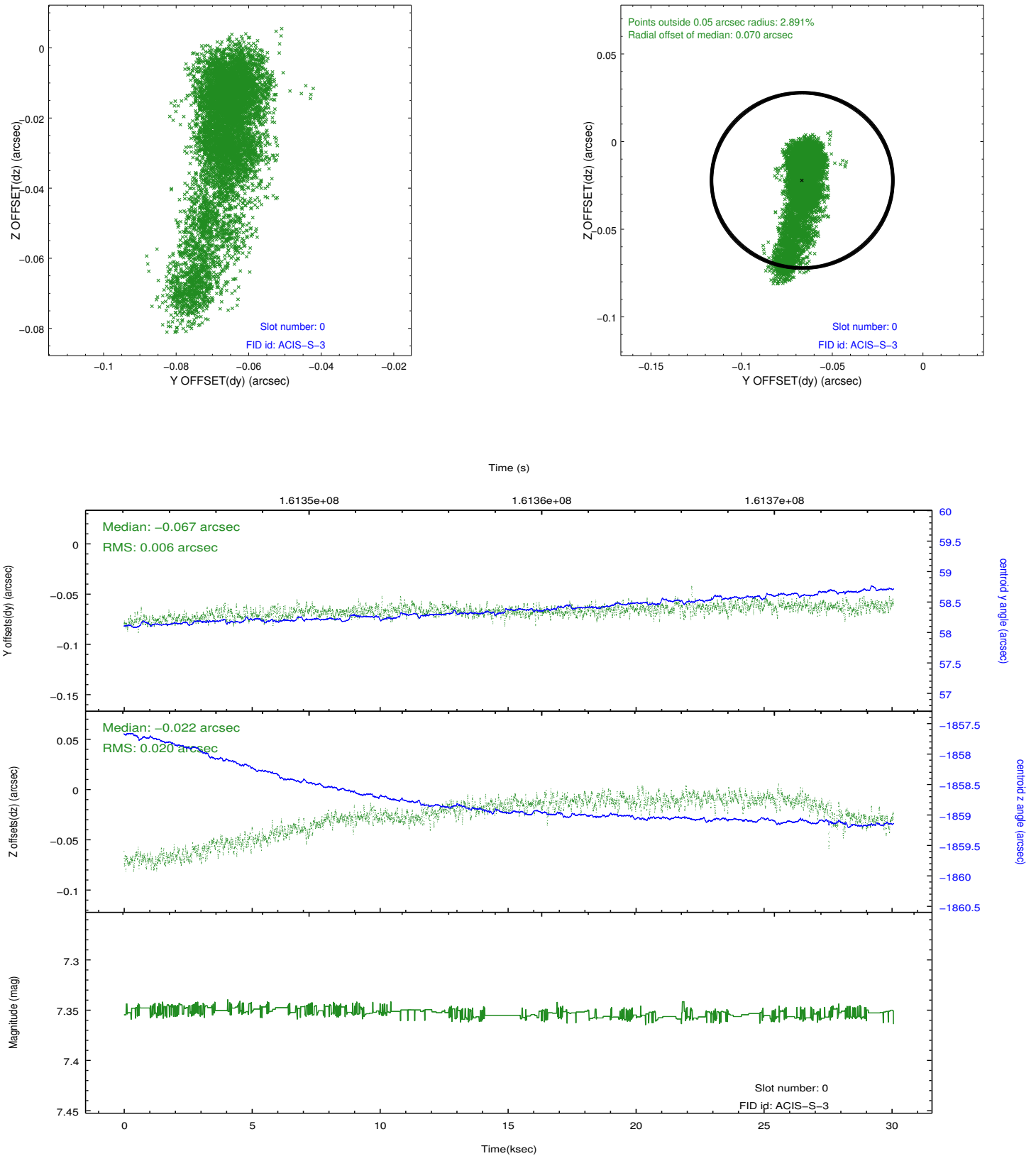


Time (s)

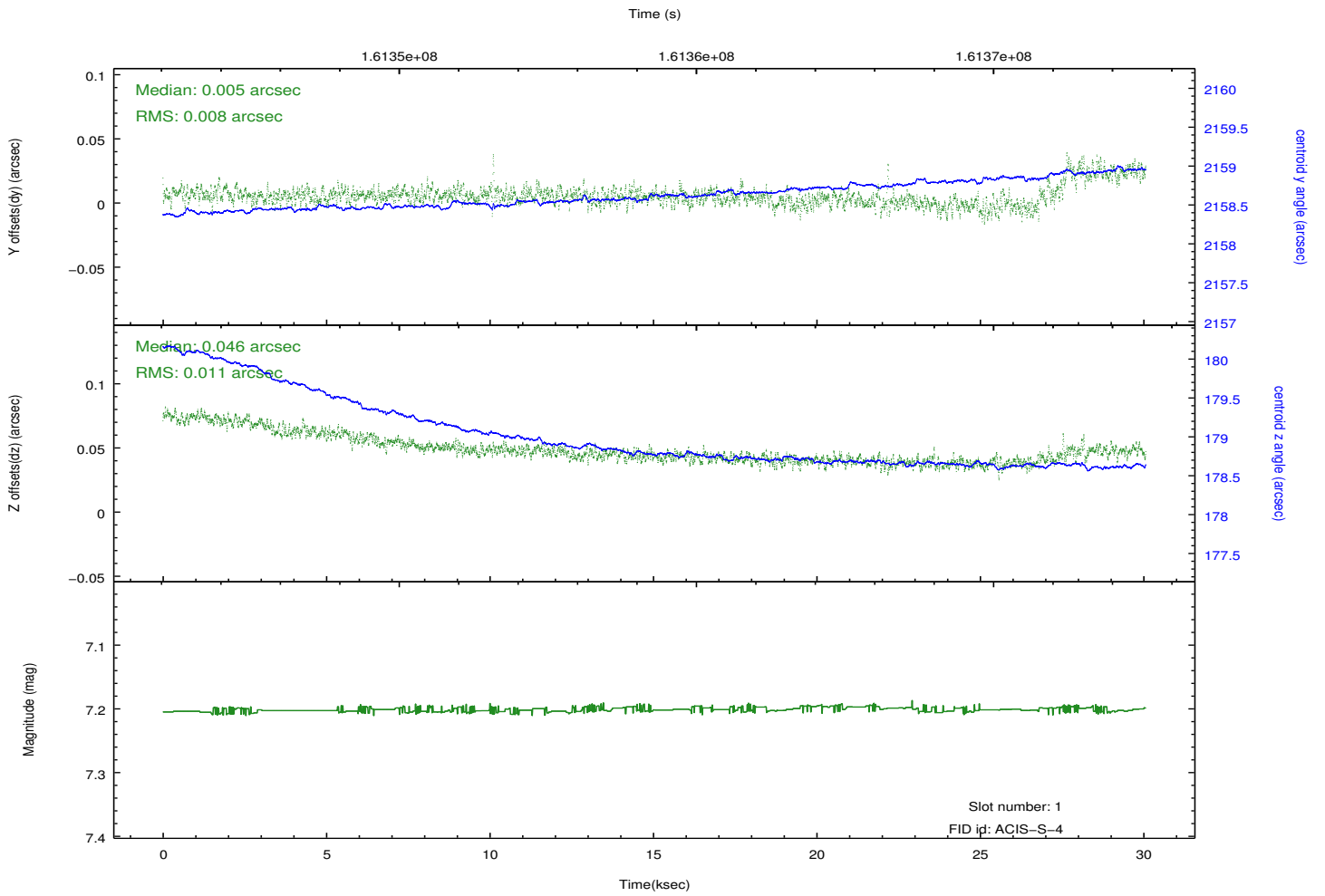
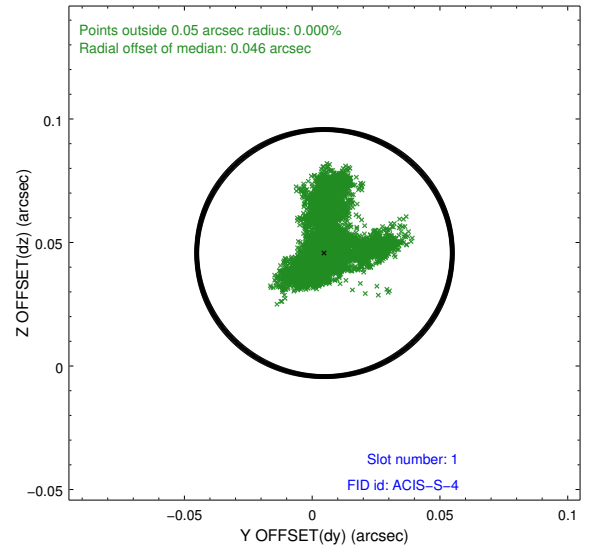
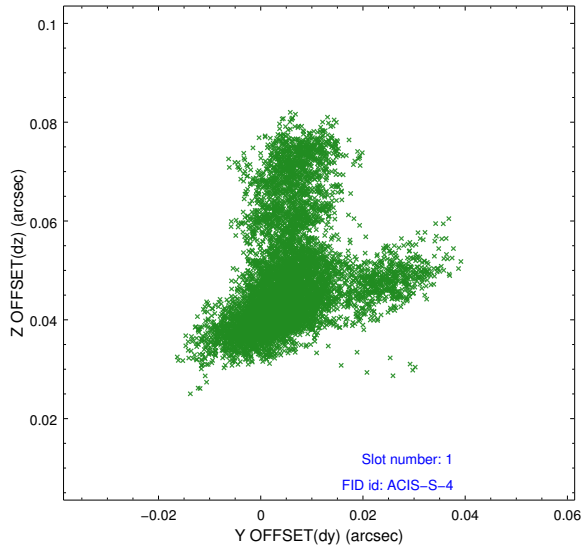


2.5 FID Slots

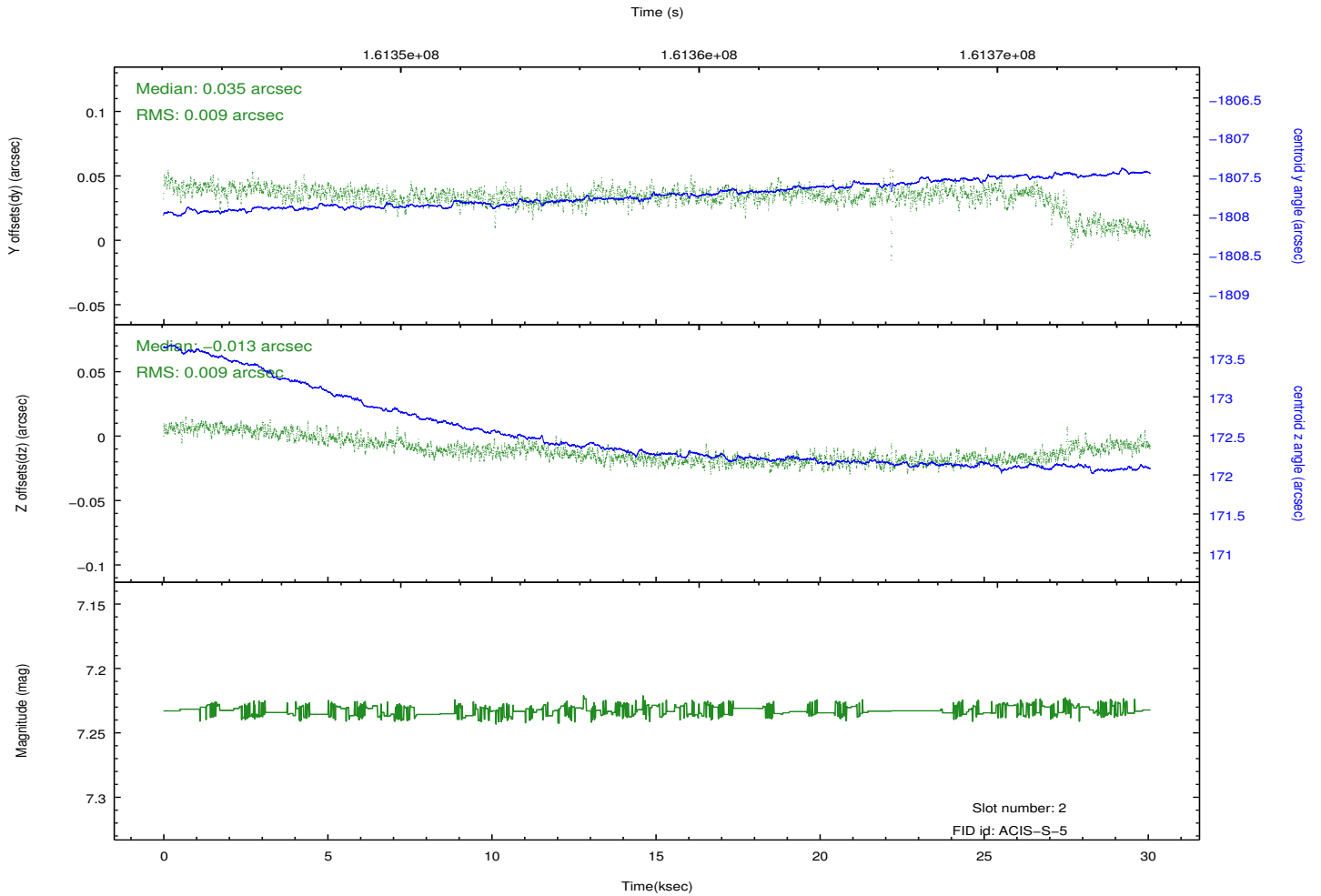
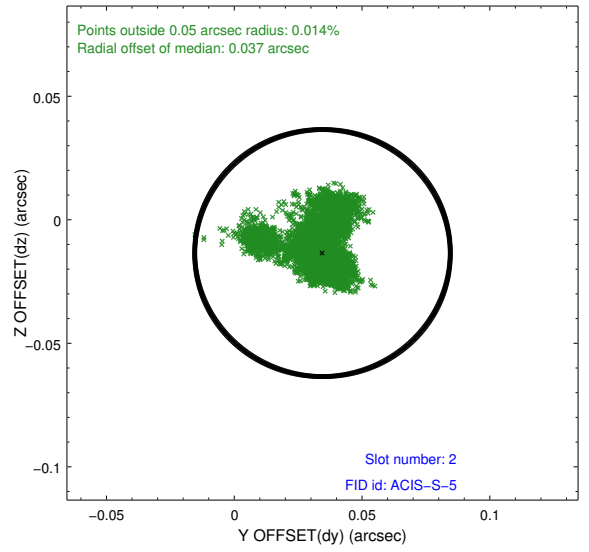
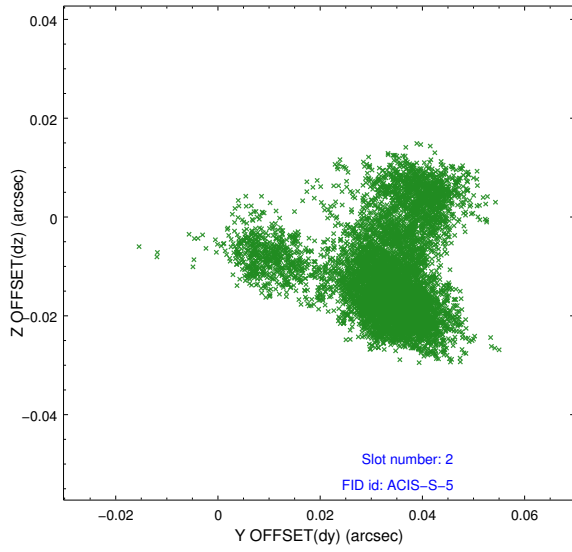
2.5.1 Slot 0



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)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.057

A.2 Comments

Window constraint met.