

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9833 - L2 Version 2
Chandra X-Ray Center

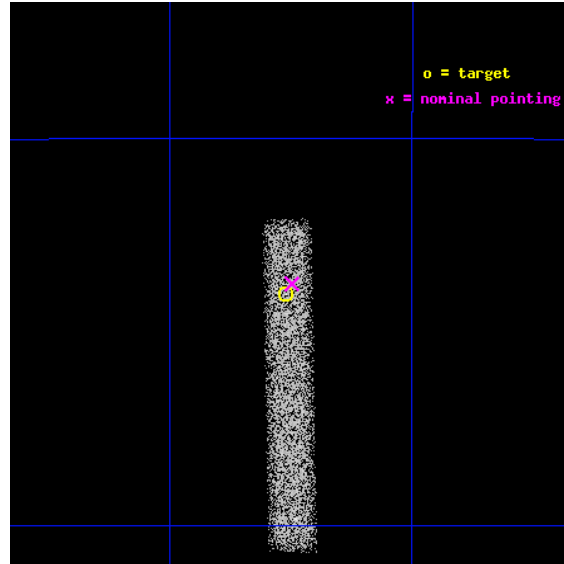
L2 Processing Date : May 11 2012

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1 Front

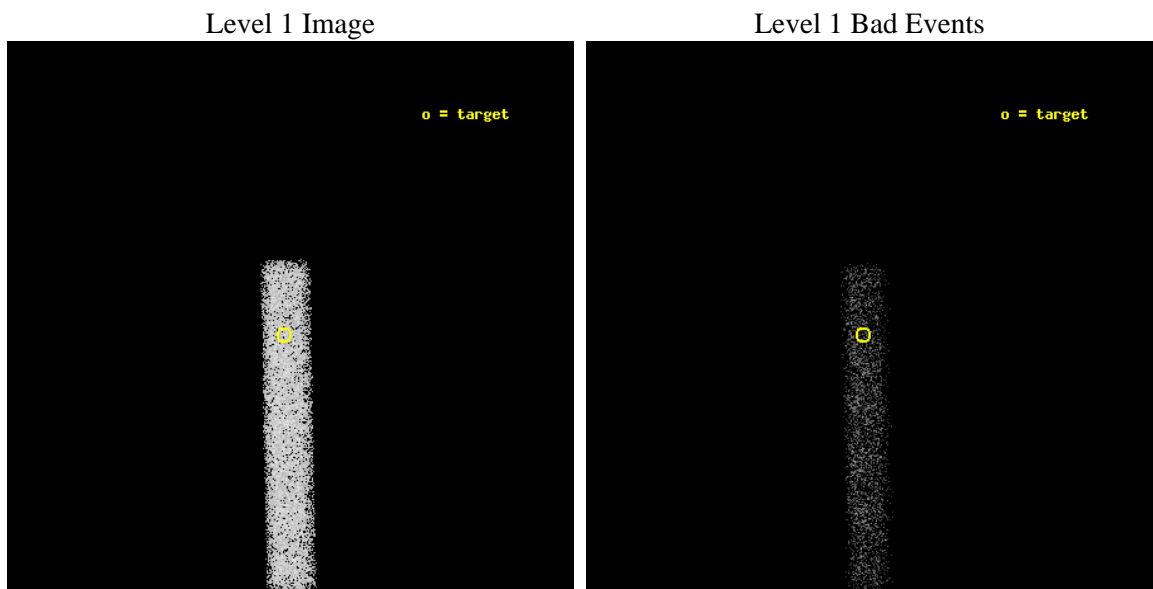
seq_num	400840	Sequence number
obs_id	9833	Observation id
title	Following a black hole candidate X-ray transient to quiescence	Pro
observer	dr Peter Jonker	Principal investigator
object	H 1743-322	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.565	Observer's specified target RA [deg]
dec_targ	-32.2333	Observer's specified target Dec [deg]
ra_nom	266.5620991741	Nominal RA [deg]
dec_nom	-32.229152240992	Nominal Dec [deg]
roll_nom	88.855075503331	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12136.79927659	Sum of GTIs [s]
livetime	11007.436311074	Livetime [s]
ontime7	12136.79927659	Sum of GTIs [s]
l2events	9956	Number of level 2 events



2 OBI

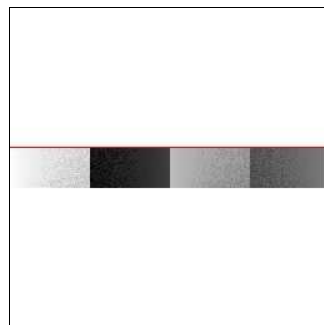
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	12136.79927659	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	12136.79927659	Sum of GTIs [s]
date	2012-05-11T13:04:38	Date and time of file creation	l1events	25080	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

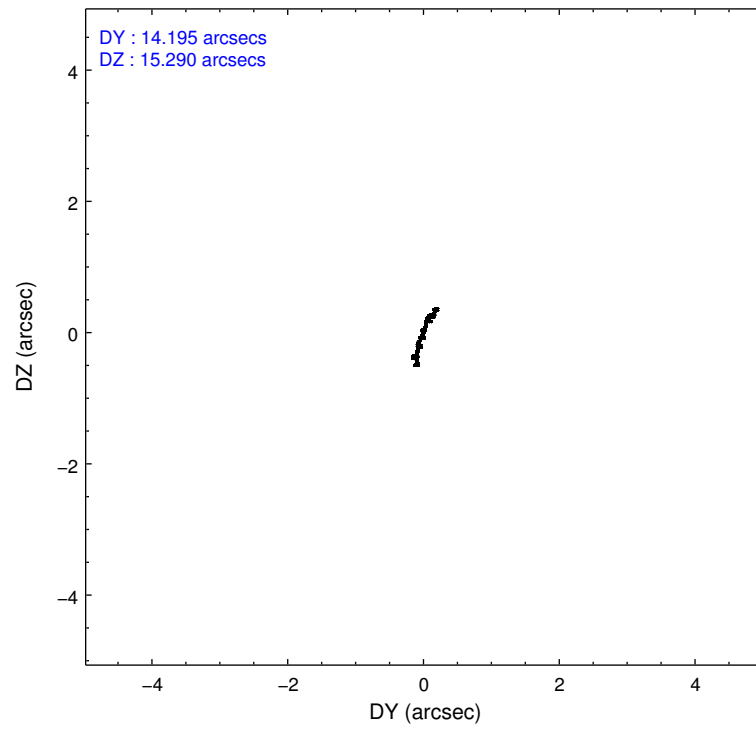
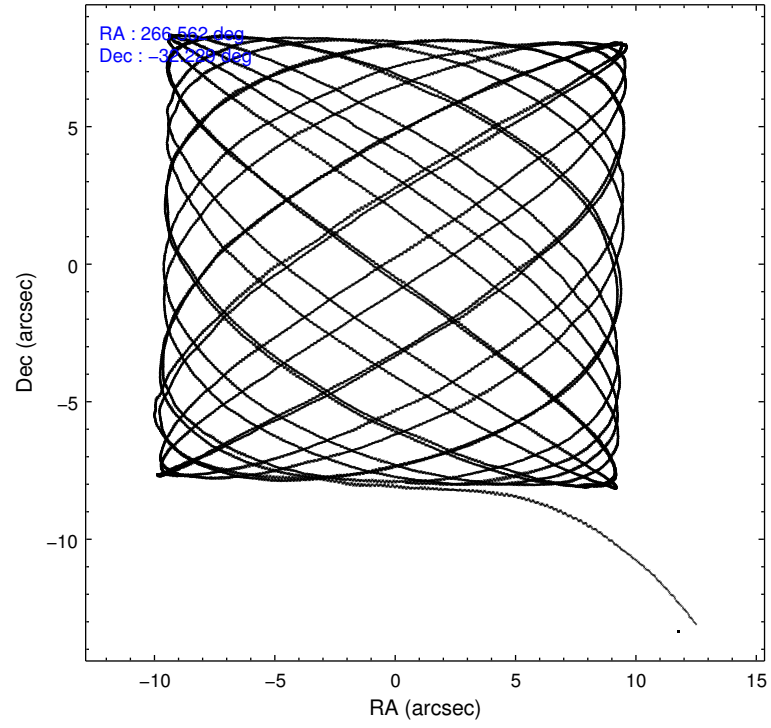
	ccd 7
level 1 events	25080
rejected events	14736
rejected %	58%

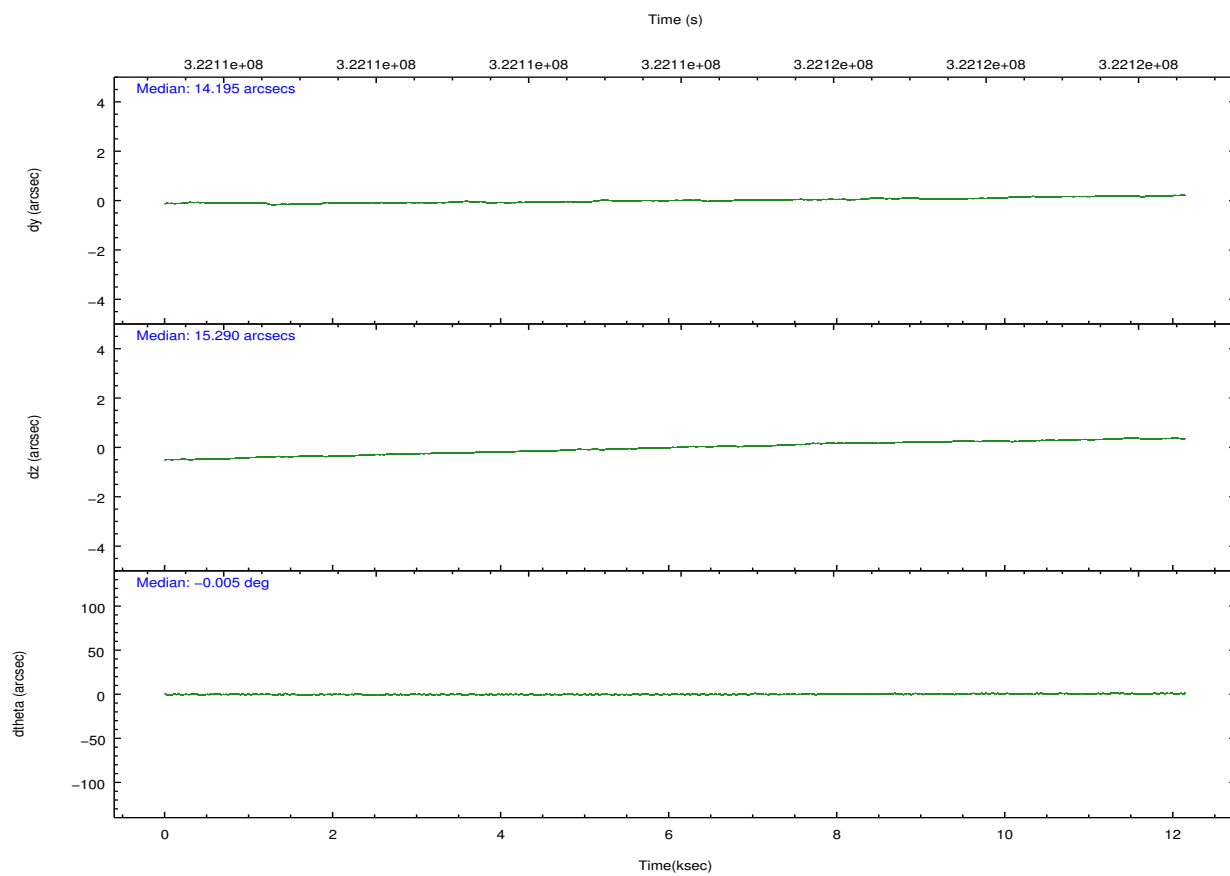
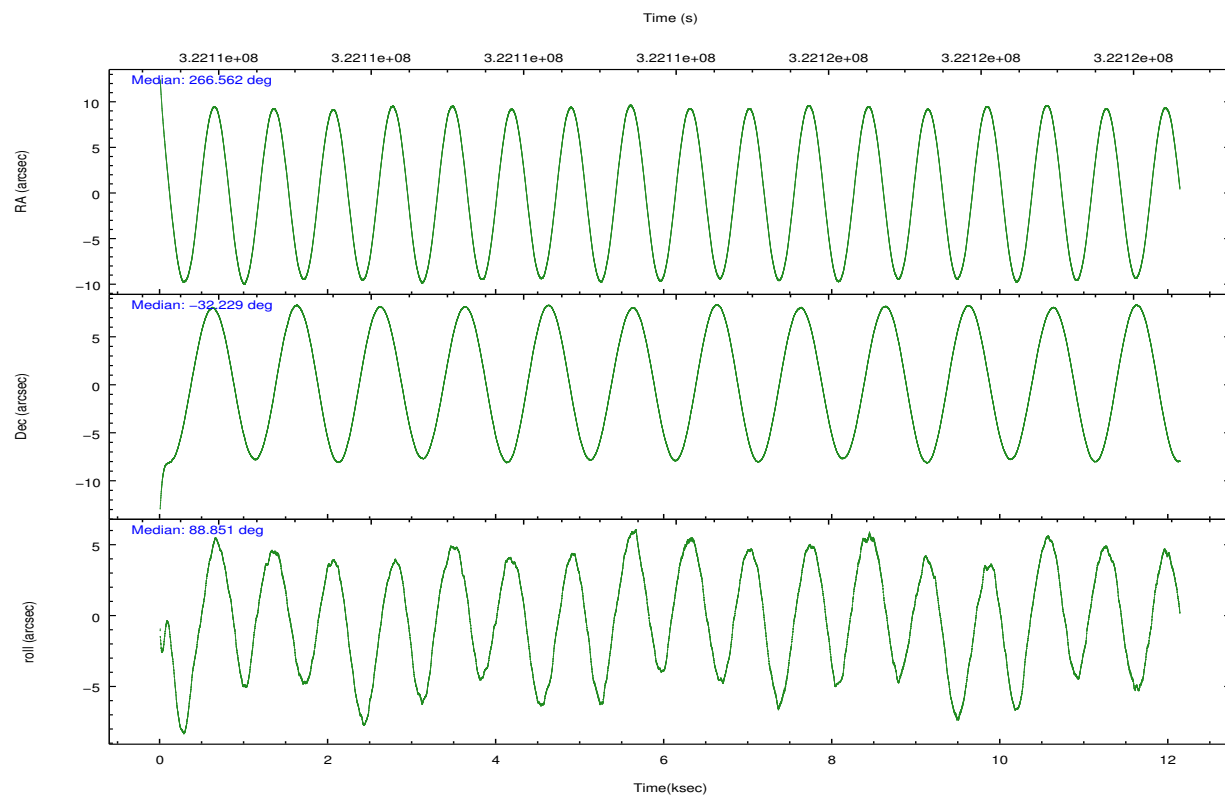
	ccd 7
grade 0 events	1240
	4%
grade 1 events	32
	0%
grade 2 events	2344
	9%
grade 3 events	1402
	5%
grade 4 events	1380
	5%
grade 5 events	2302
	9%
grade 6 events	5420
	21%
grade 7 events	10960
	43%

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	266.578071	266.5620991741009	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-32.252884	-32.22915224099202	Subarray start row	449	449
[deg] Pointing Roll	88.706977	88.85507550333091	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)	322107984.184000	322106140.80933			
Observation start date	2008-03-17T02:25:19	2008-03-17T01:55:40			
[s] Observation end time (MET)	322119984.184000	322120864.93504			
Observation end date	2008-03-17T05:45:19	2008-03-17T06:01:04			
Read mode	TIMED	TIMED			

2.3 Aspect



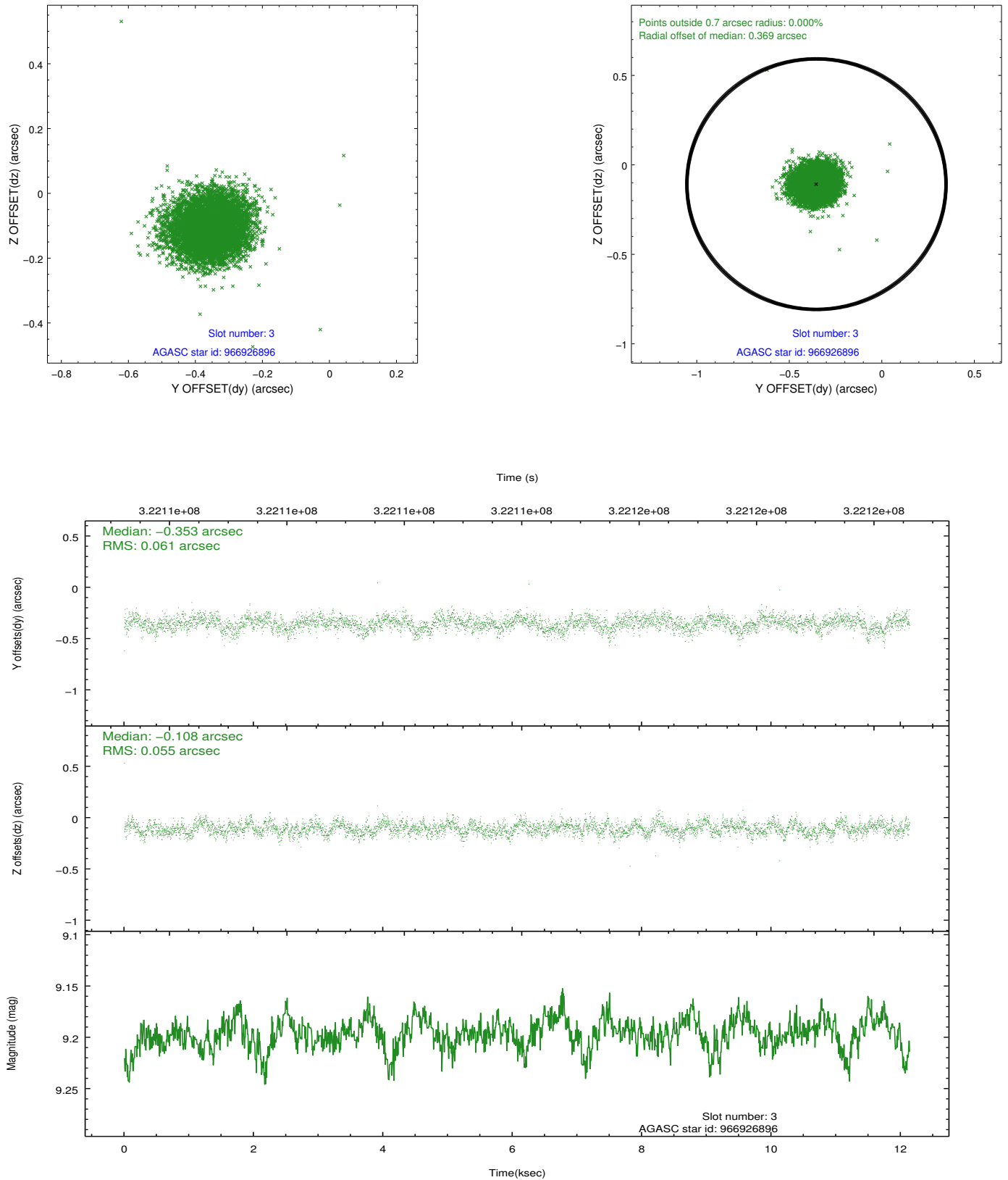


Slot Statistics

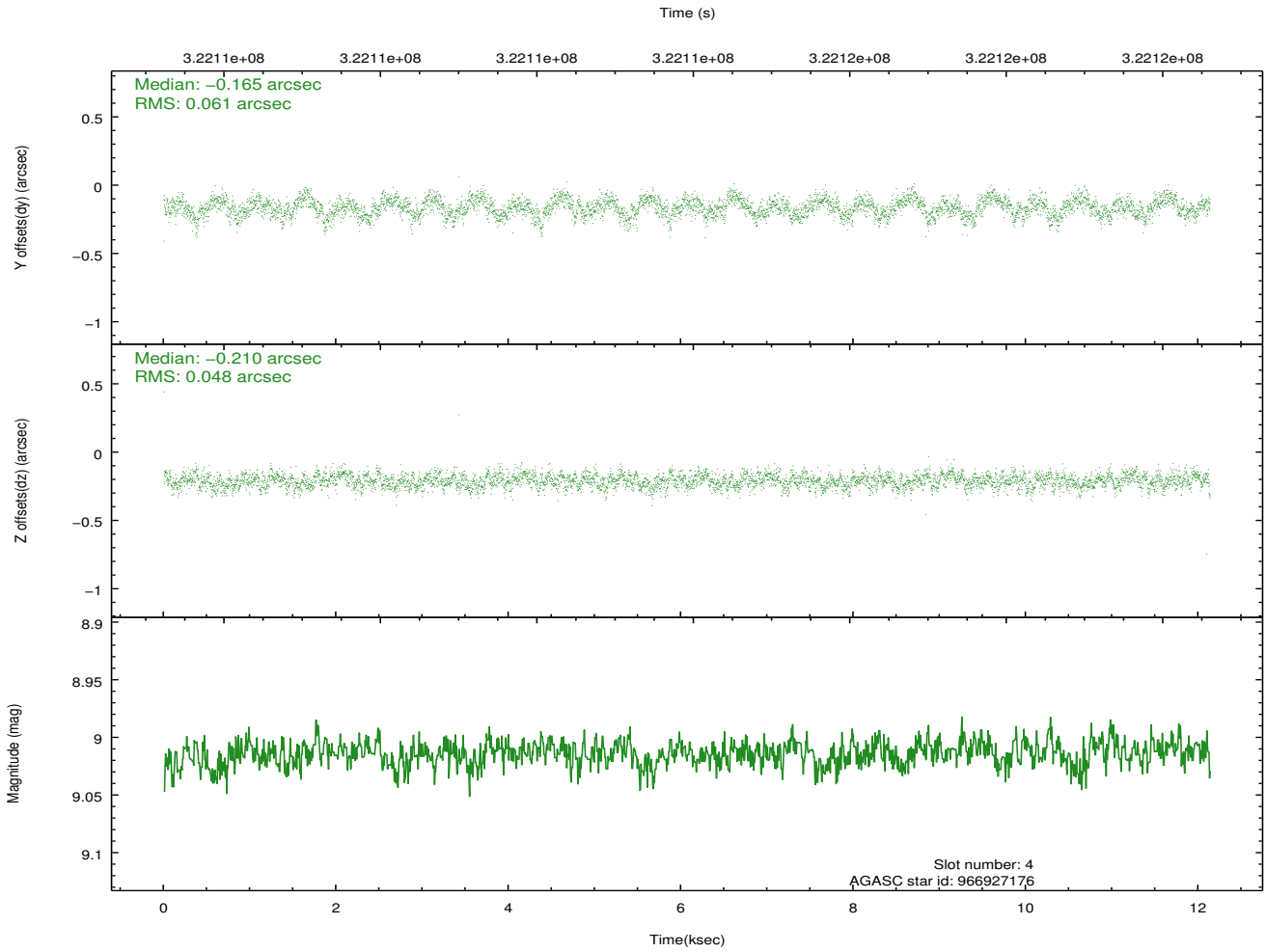
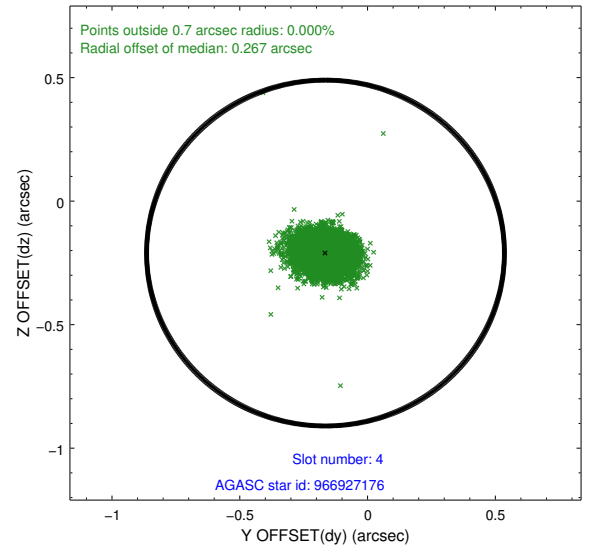
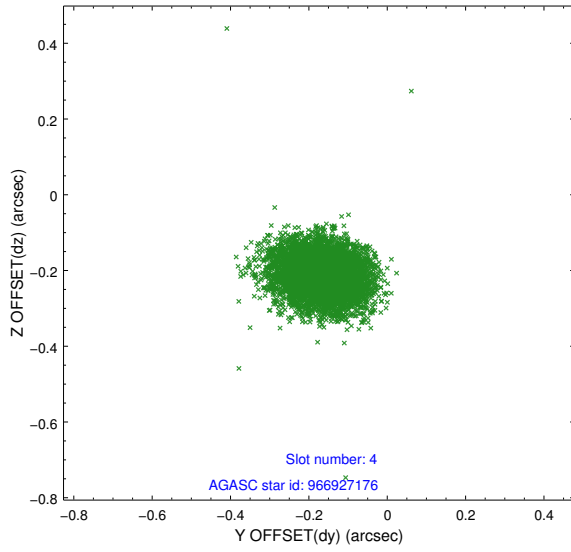
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	2959	-0.085	-0.034	0.008	0.013	0.000000	0.000000	-767.21	-1736.64
1	FID	ACIS-S-4	7.19	2961	0.210	0.050	0.007	0.012	0.000000	0.000000	2146.15	171.53
2	FID	ACIS-S-5	7.22	2961	-0.156	-0.008	0.008	0.013	0.000000	0.000000	-1819.62	165.57
3	GUIDE	966926896	9.20	5915	-0.353	-0.108	0.086	0.139	266.197771	-31.663459	2092.88	1213.04
4	GUIDE	966927176	9.01	5913	-0.165	-0.210	0.081	0.132	265.946853	-31.673679	2035.67	1980.68
5	GUIDE	967442688	8.38	5920	0.037	-0.196	0.063	0.101	266.096113	-32.373763	-470.89	1455.31
6	GUIDE	967446352	7.74	5921	0.202	0.142	0.066	0.104	267.069988	-32.671157	-1475.04	-1523.84
7	GUIDE	967447616	9.30	5916	0.282	0.374	0.098	0.159	267.260141	-32.889782	-2251.93	-2113.32

2.4 Star Slots

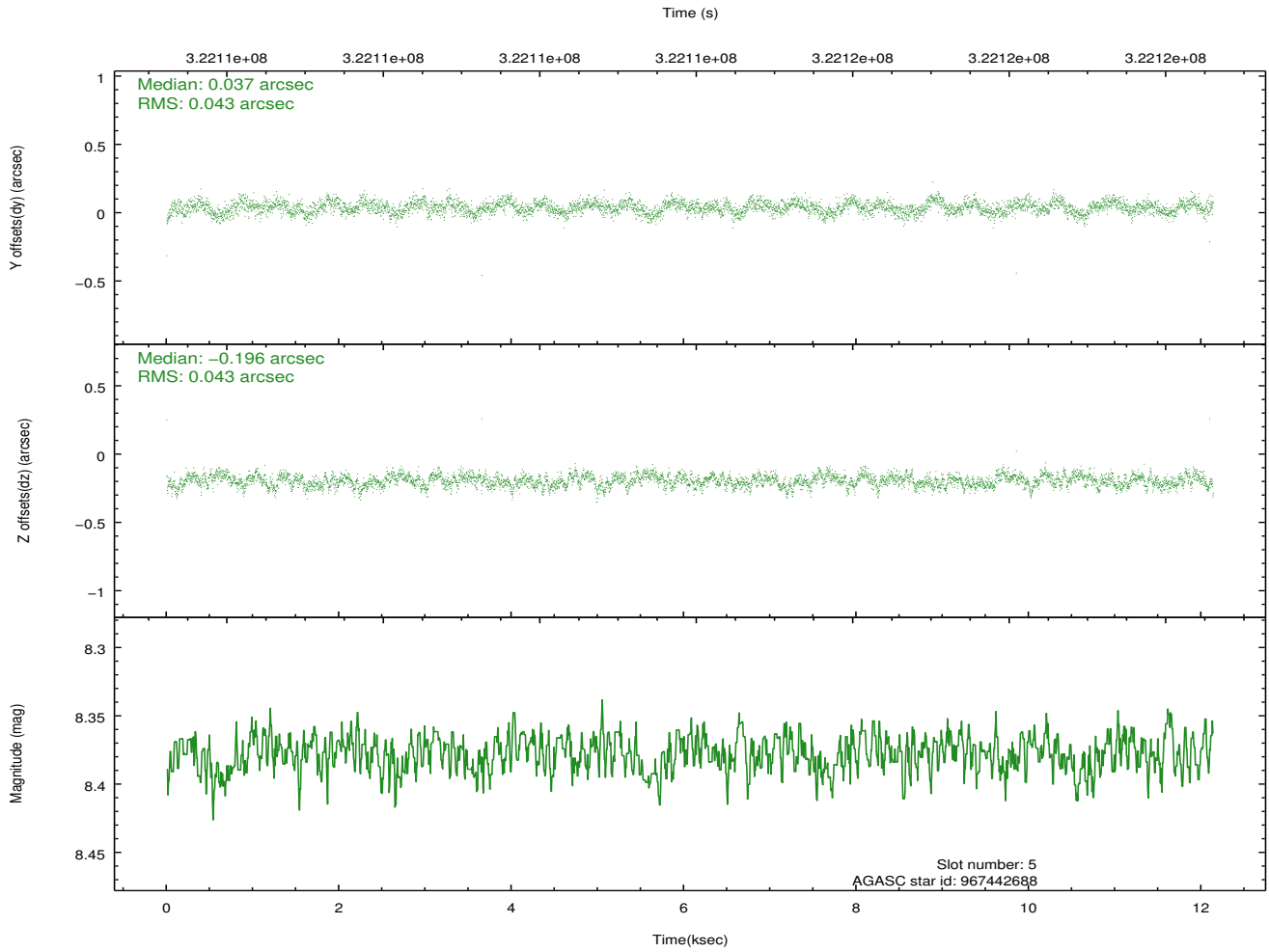
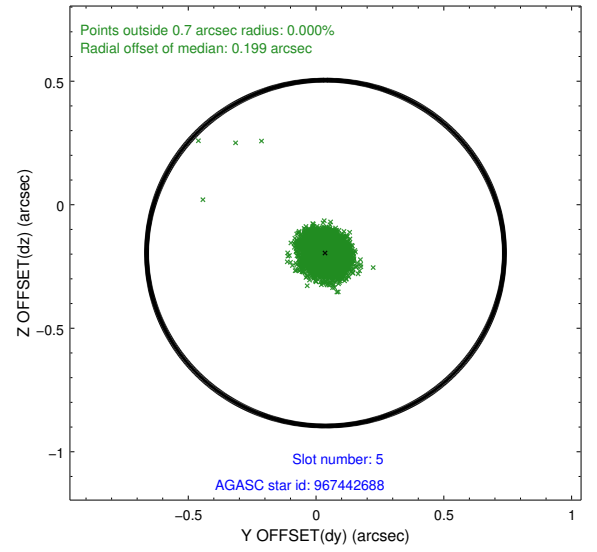
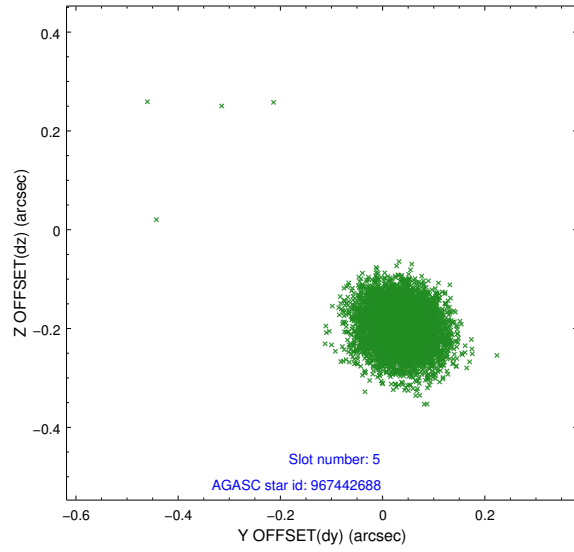
2.4.1 Slot 3



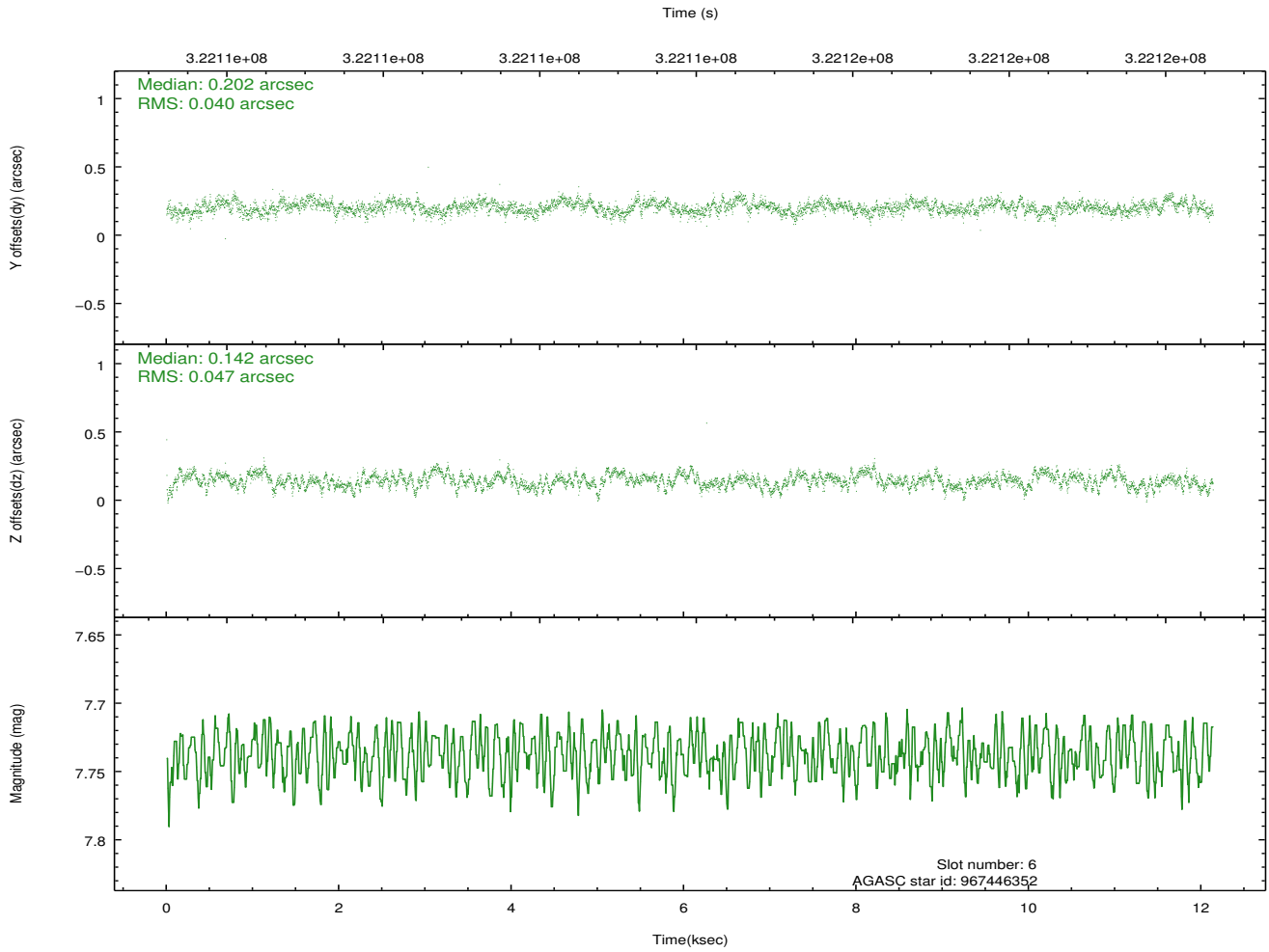
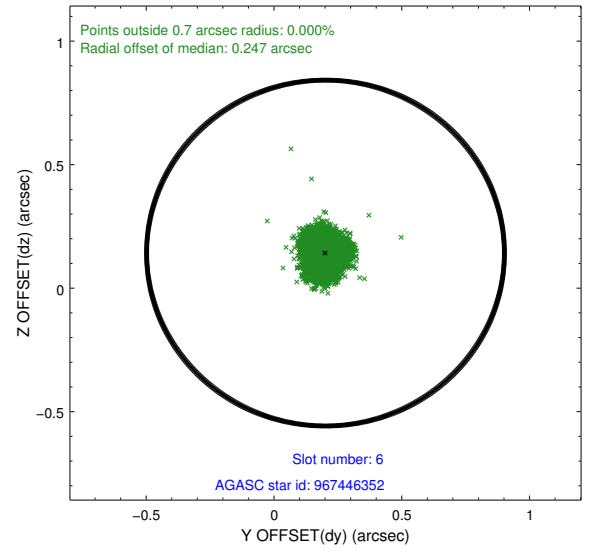
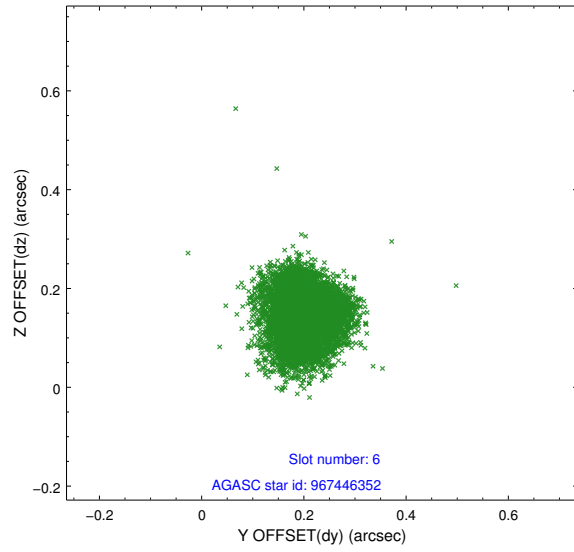
2.4.2 Slot 4



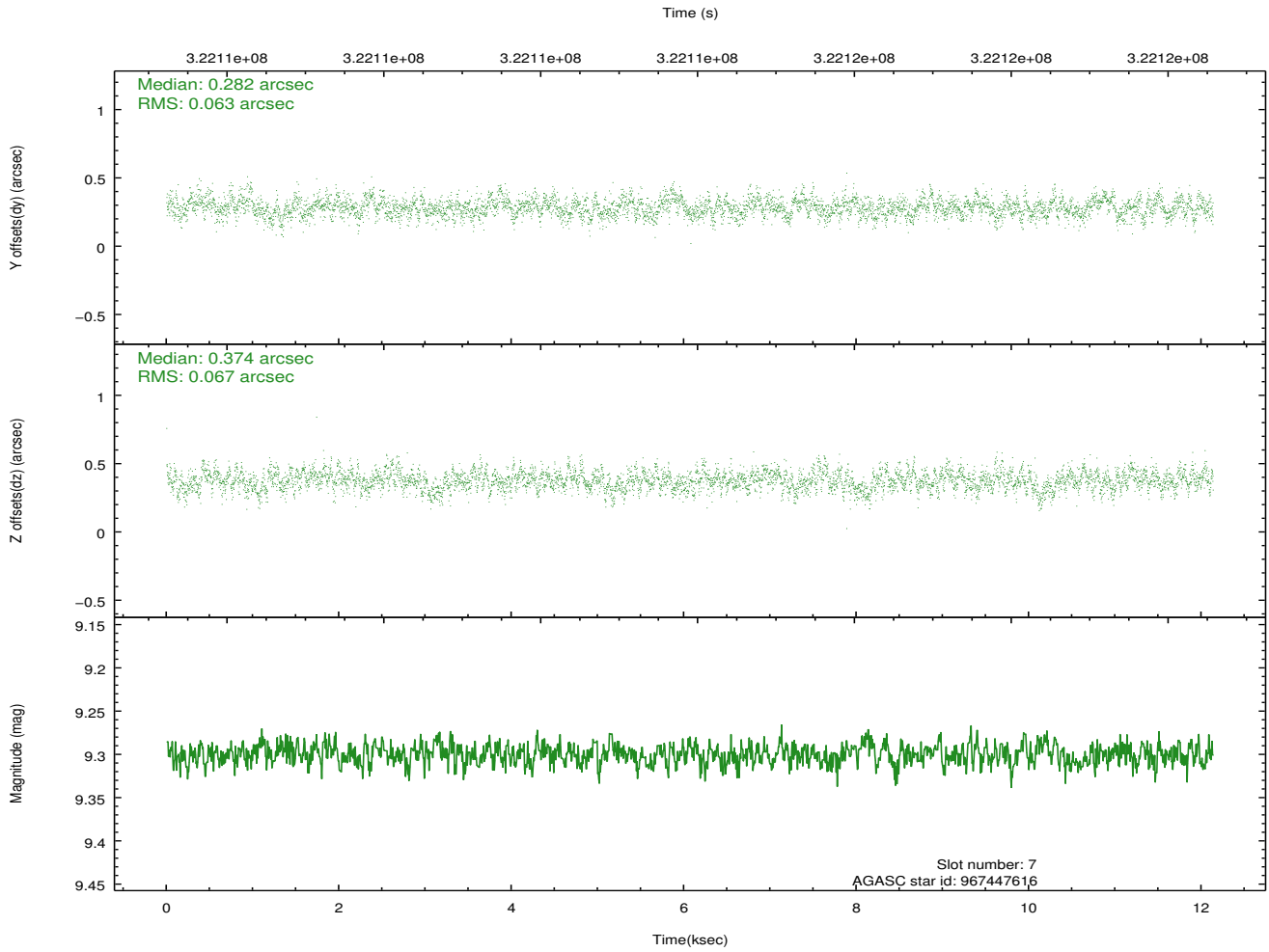
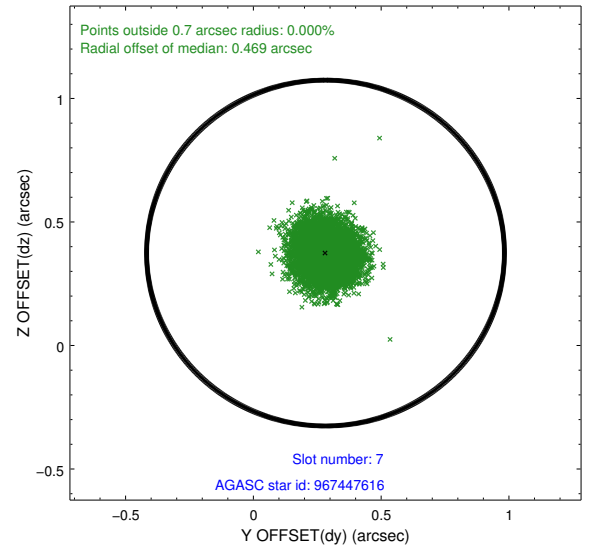
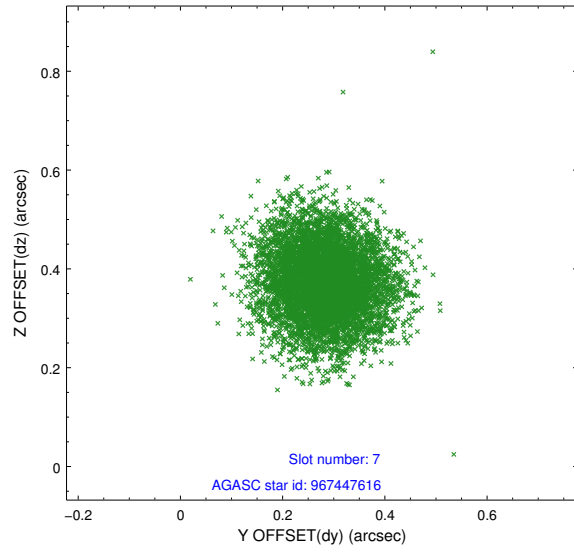
2.4.3 Slot 5



2.4.4 Slot 6

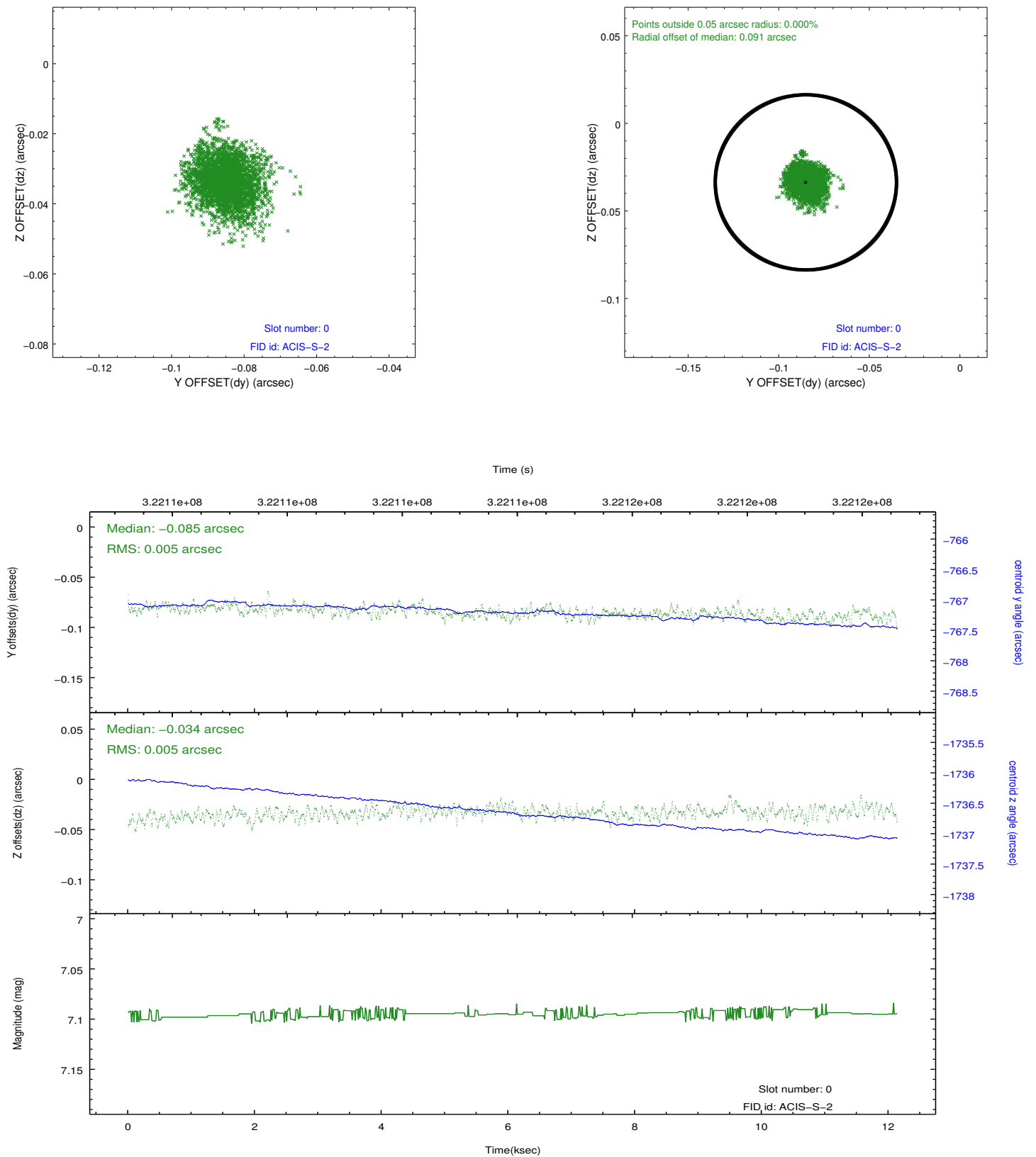


2.4.5 Slot 7

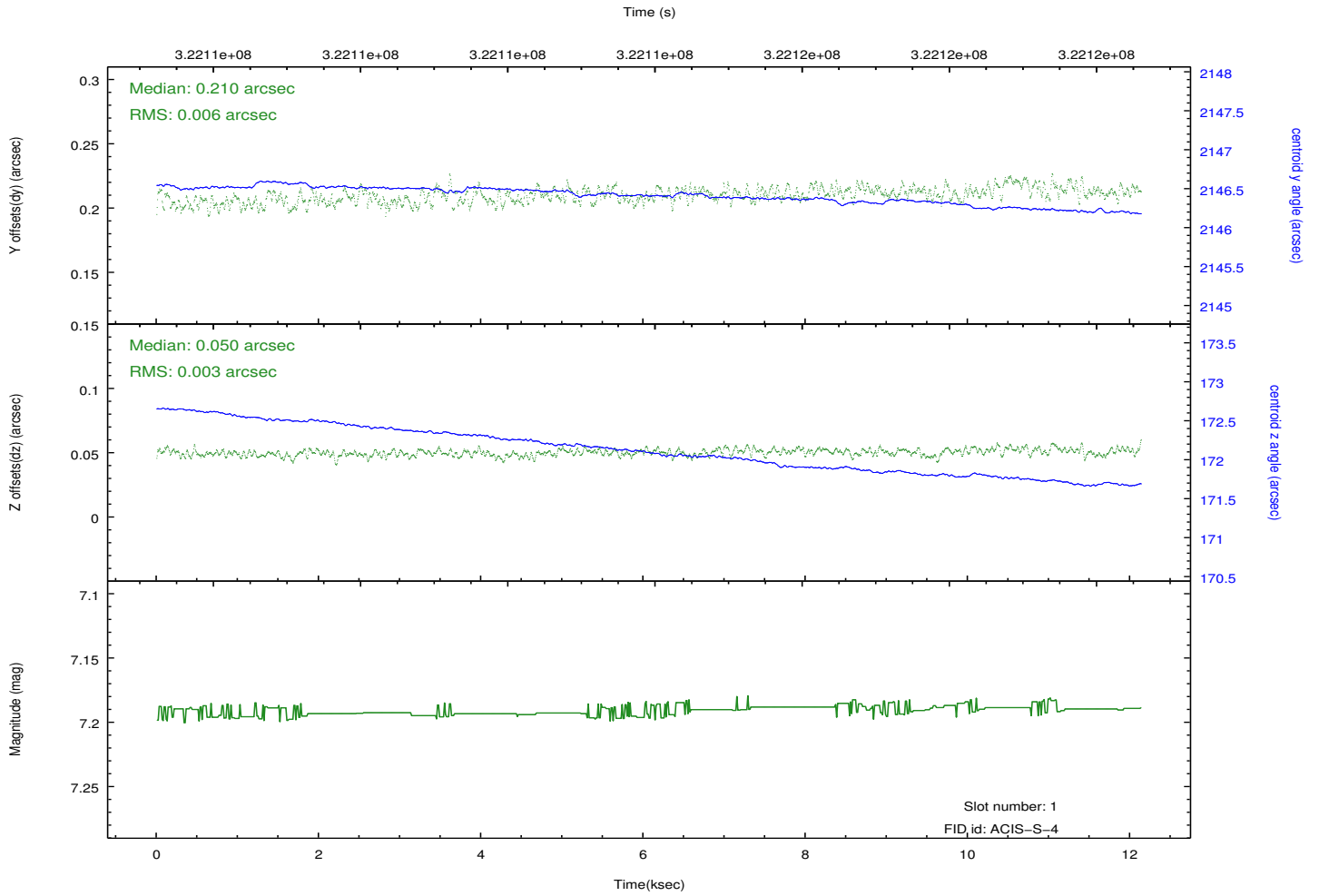
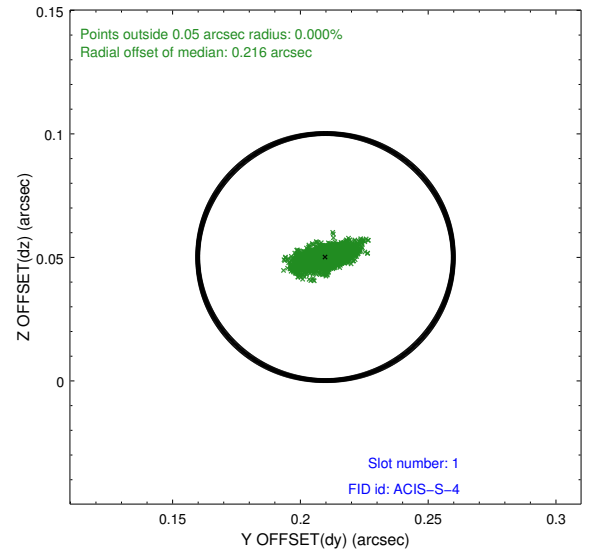
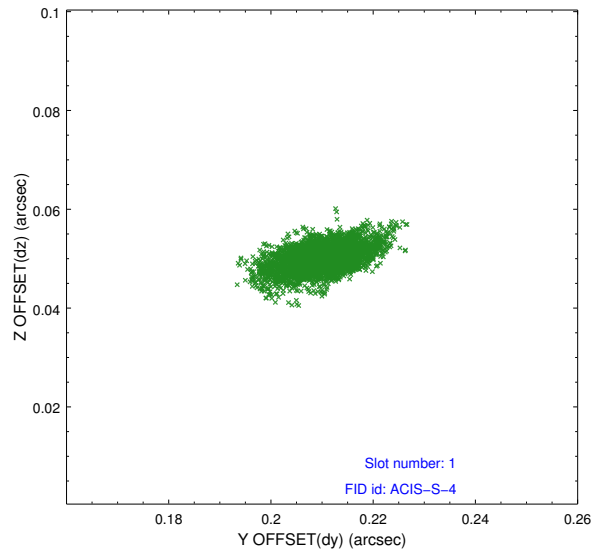


2.5 FID Slots

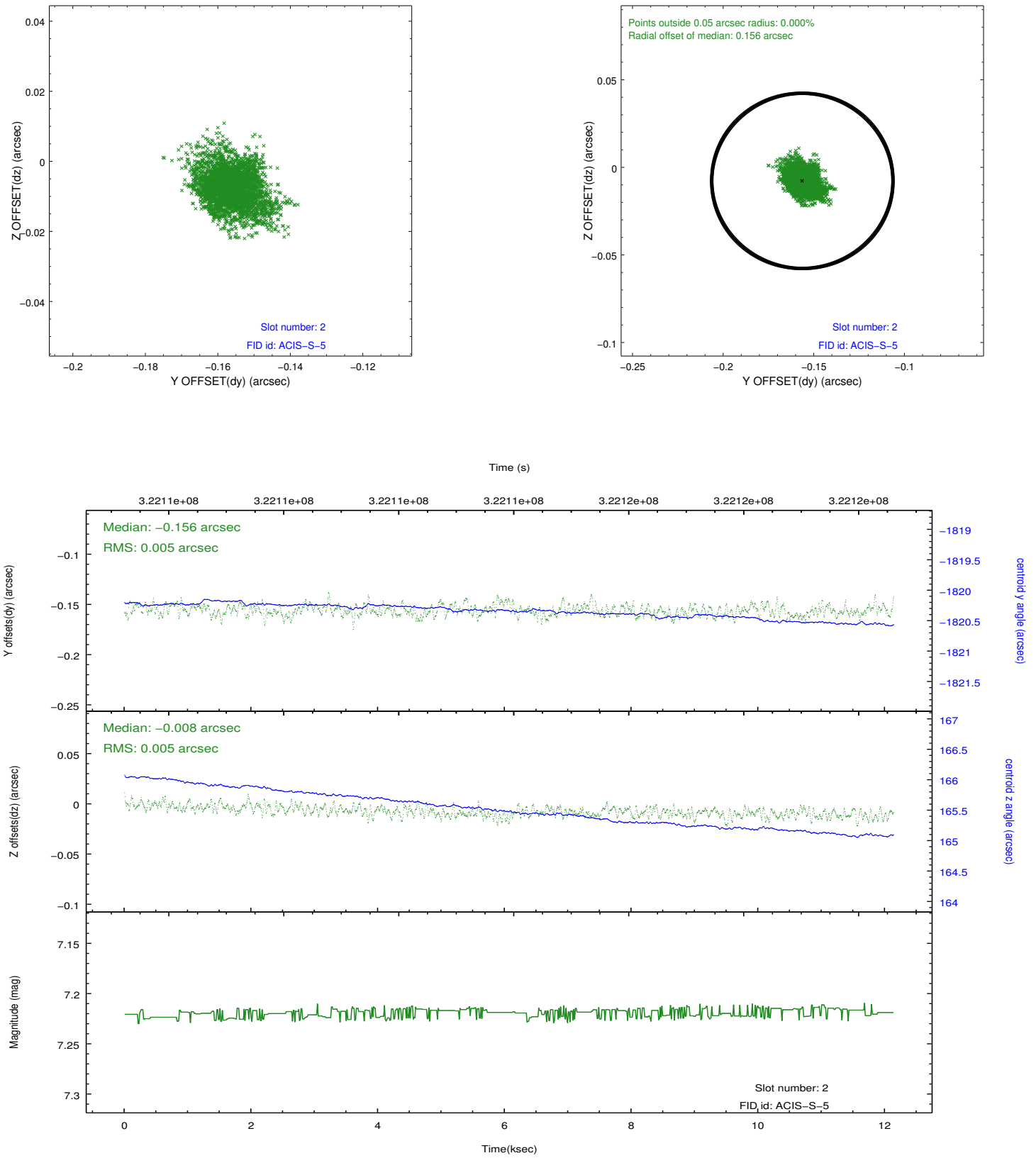
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.1367992

A.2 Comments

Time constraint met. Joint Proposal: NRA0