

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16167 - L2 Version 1
Chandra X-Ray Center

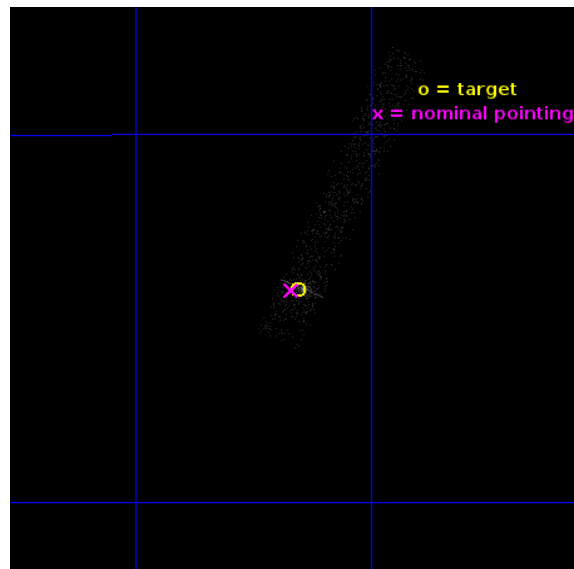
L2 Processing Date : Jul 25 2014

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1 Front

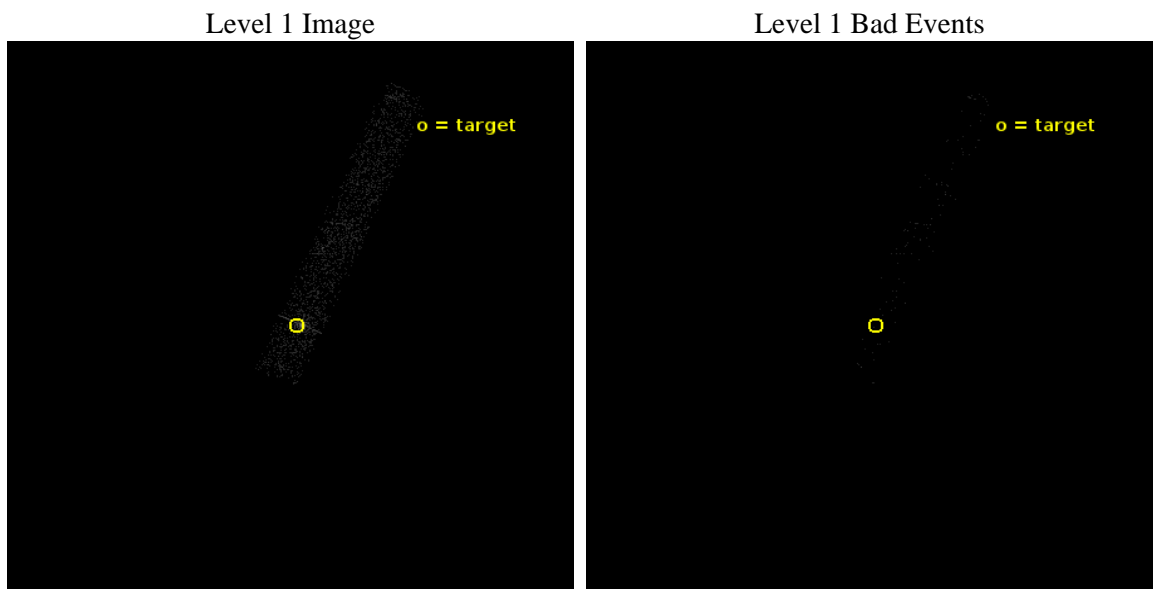
seq_num	901107	Sequence number
obs_id	16167	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J182339.2-345412	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	275.913333	Observer's specified target RA [deg]
dec_targ	-34.903333	Observer's specified target Dec [deg]
ra_nom	275.91714776598	Nominal RA [deg]
dec_nom	-34.903947473283	Nominal Dec [deg]
roll_nom	293.71350421284	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2068.7998766899	Sum of GTIs [s]
livetime	1876.2922879466	Livetime [s]
ontime7	2068.7998766899	Sum of GTIs [s]
l2events	4685	Number of level 2 events



2 OBI

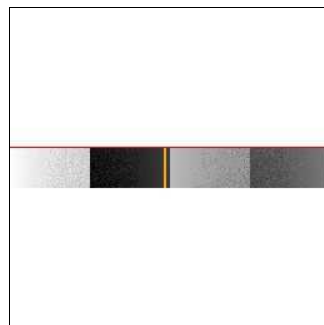
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	2068.7998766899	Sum of GTIs [s]
caldsver	4.6.2	 	ontime7	2068.7998766899	Sum of GTIs [s]
date	2014-07-25T23:49:23	Date and time of file creation	l1events	7067	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

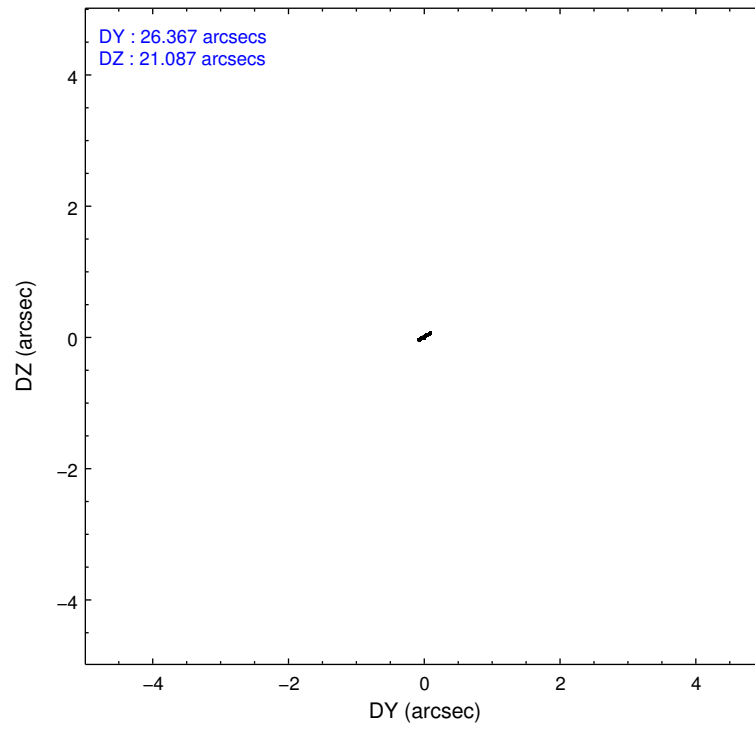
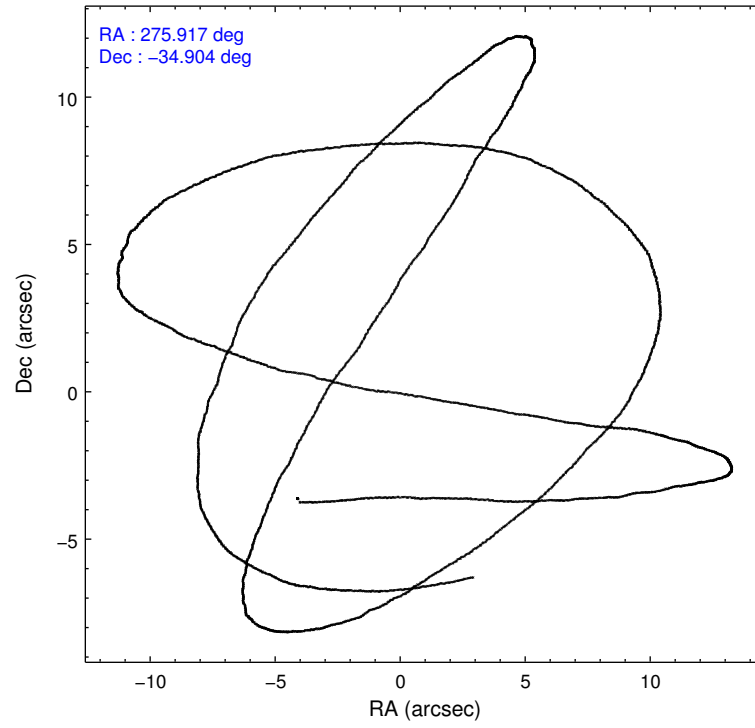
	ccd 7
level 1 events	7067
rejected events	2335
rejected %	33%

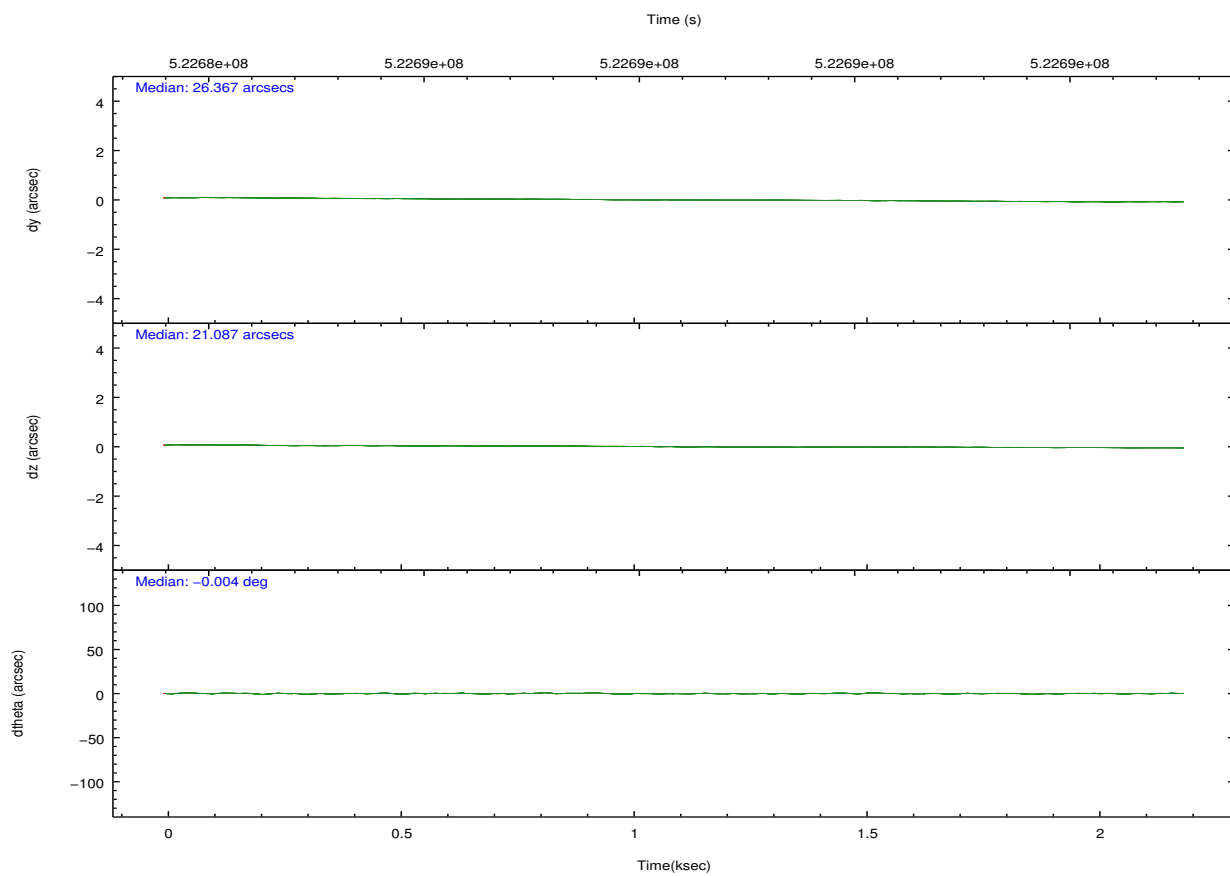
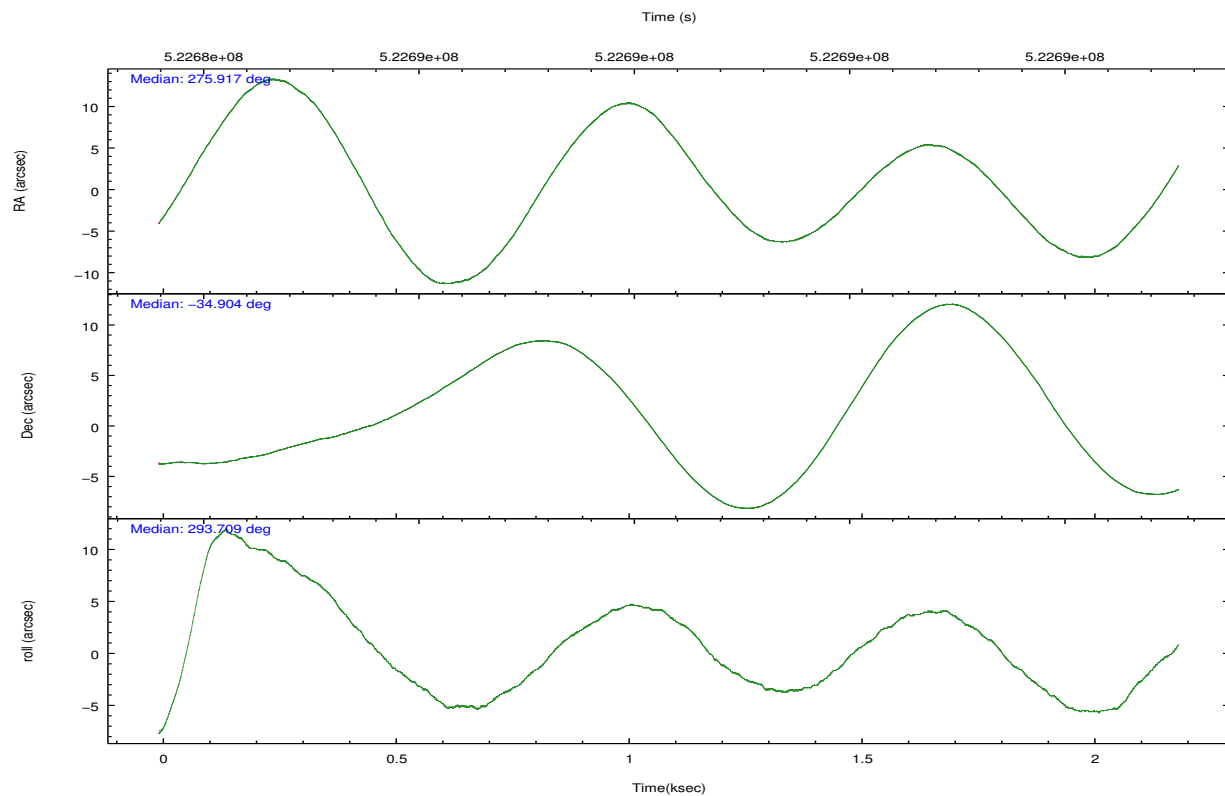
	ccd 7
grade 0 events	866
	12%
grade 1 events	93
	1%
grade 2 events	1087
	15%
grade 3 events	527
	7%
grade 4 events	516
	7%
grade 5 events	667
	9%
grade 6 events	1738
	24%
grade 7 events	1573
	22%

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	275.889840	275.917147765983	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-34.887914	-34.9039474732831	Subarray start row	449	449
[deg] Pointing Roll	293.541227	293.7135042128416	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)	522685172.184000	522684551.04885			
Observation start date	2014-07-25T14:18:25	2014-07-25T14:09:11			
[s] Observation end time (MET)	522687172.184000	522687587.61152			
Observation end date	2014-07-25T14:51:45	2014-07-25T14:59:47			
Read mode	TIMED	TIMED			

2.3 Aspect



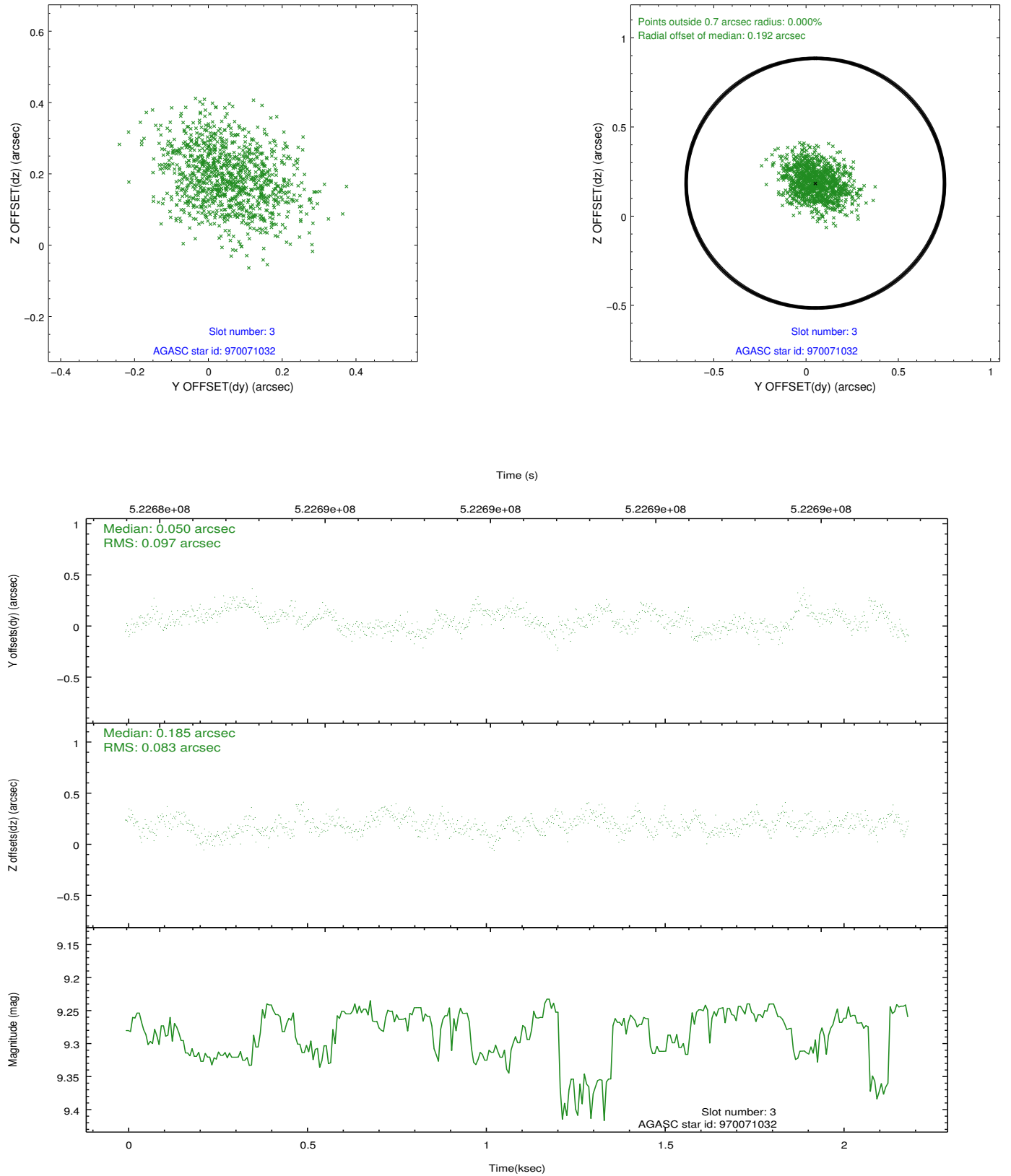


Slot Statistics

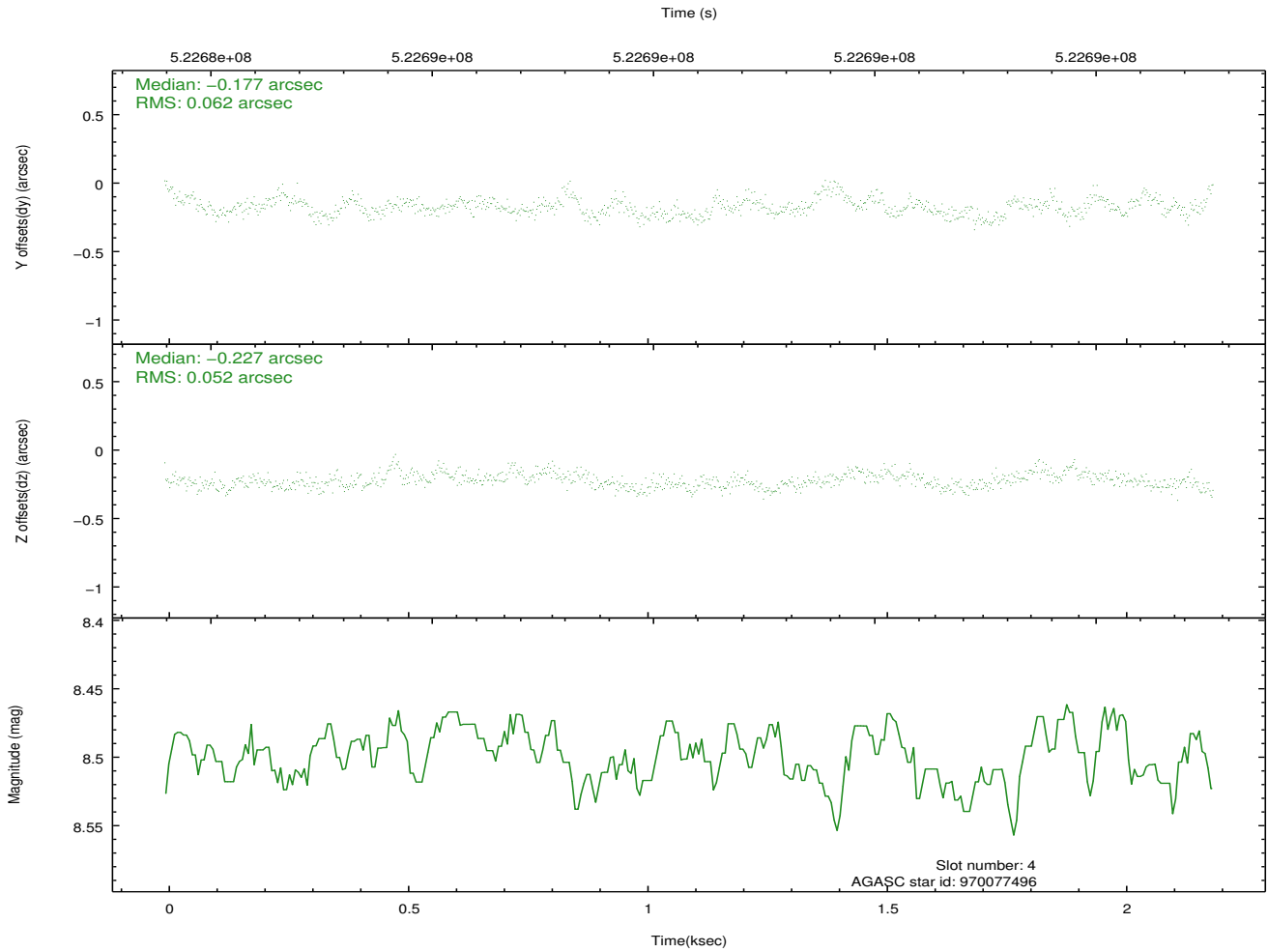
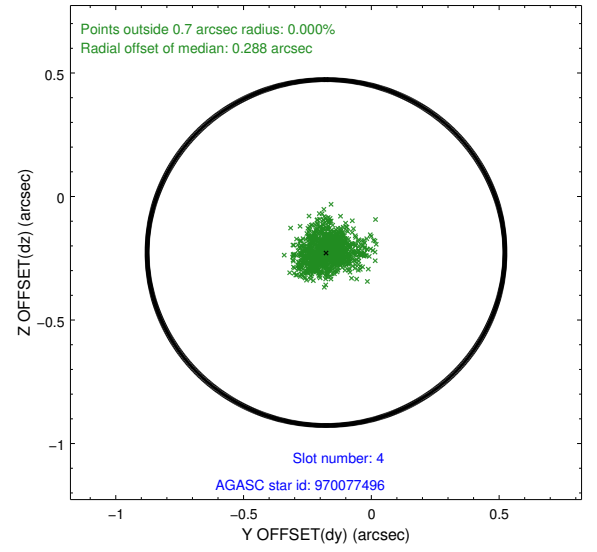
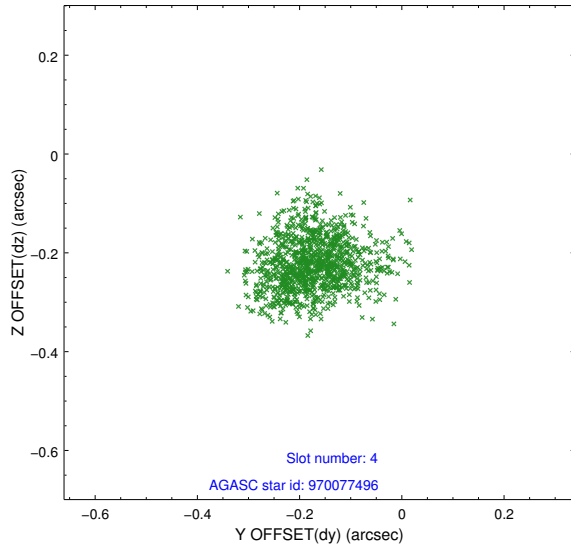
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.01	535	-0.187	-0.002	0.007	0.010	0.000000	0.000000	-779.83	-1742.59
1	FID	ACIS-S-4	7.10	535	0.362	0.091	0.006	0.011	0.000000	0.000000	2132.61	162.90
2	FID	ACIS-S-5	7.13	535	-0.206	-0.080	0.007	0.012	0.000000	0.000000	-1828.91	159.77
3	GUIDE	970071032	9.28	1068	0.050	0.185	0.137	0.220	275.452617	-35.596557	1830.53	-2193.09
4	GUIDE	970077496	8.50	1069	-0.177	-0.227	0.086	0.141	276.701408	-35.290311	2291.90	1601.17
5	GUIDE	970081512	8.33	1068	0.174	0.265	0.094	0.135	275.037545	-34.774684	-1367.98	-2150.24
6	GUIDE	970084760	8.00	1069	0.021	0.111	0.075	0.134	275.983775	-34.656580	-653.47	585.74
7	GUIDE	970087760	7.48	1068	-0.089	-0.350	0.101	0.172	276.023515	-35.005288	544.97	192.80

2.4 Star Slots

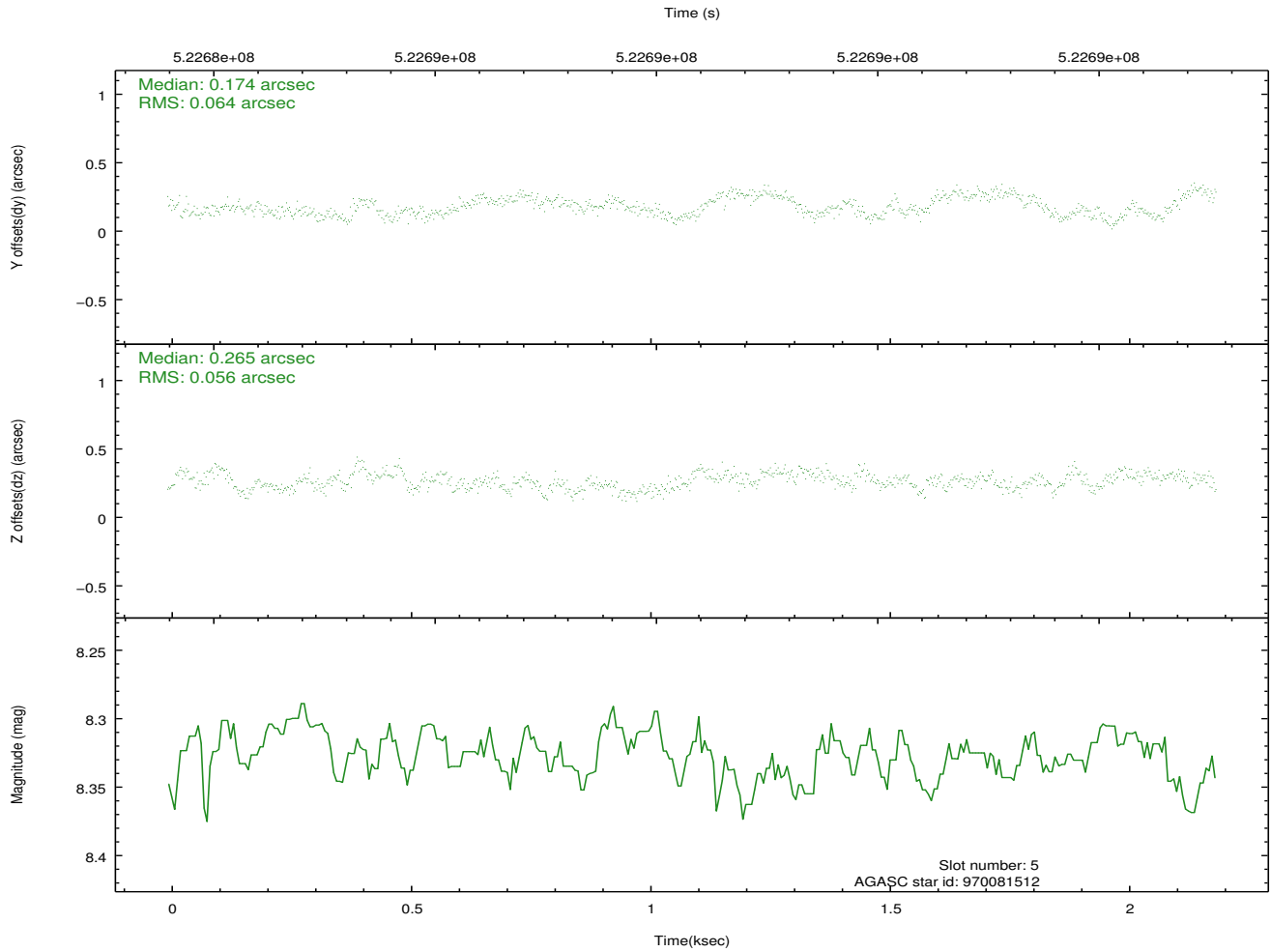
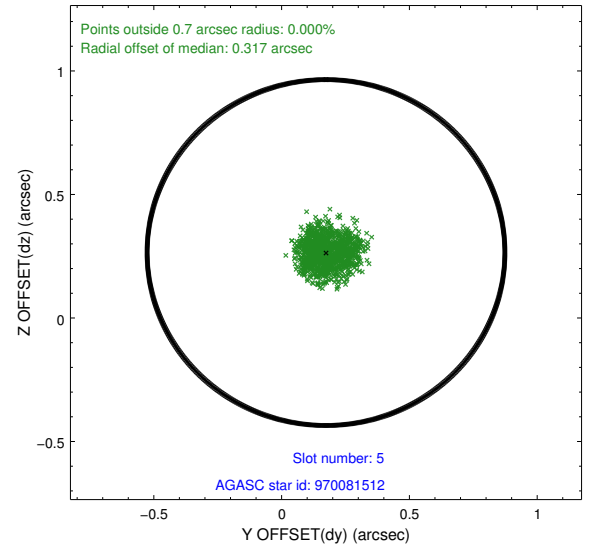
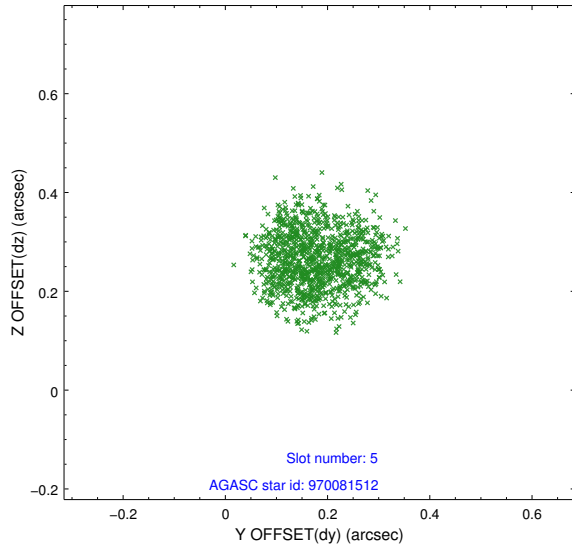
2.4.1 Slot 3



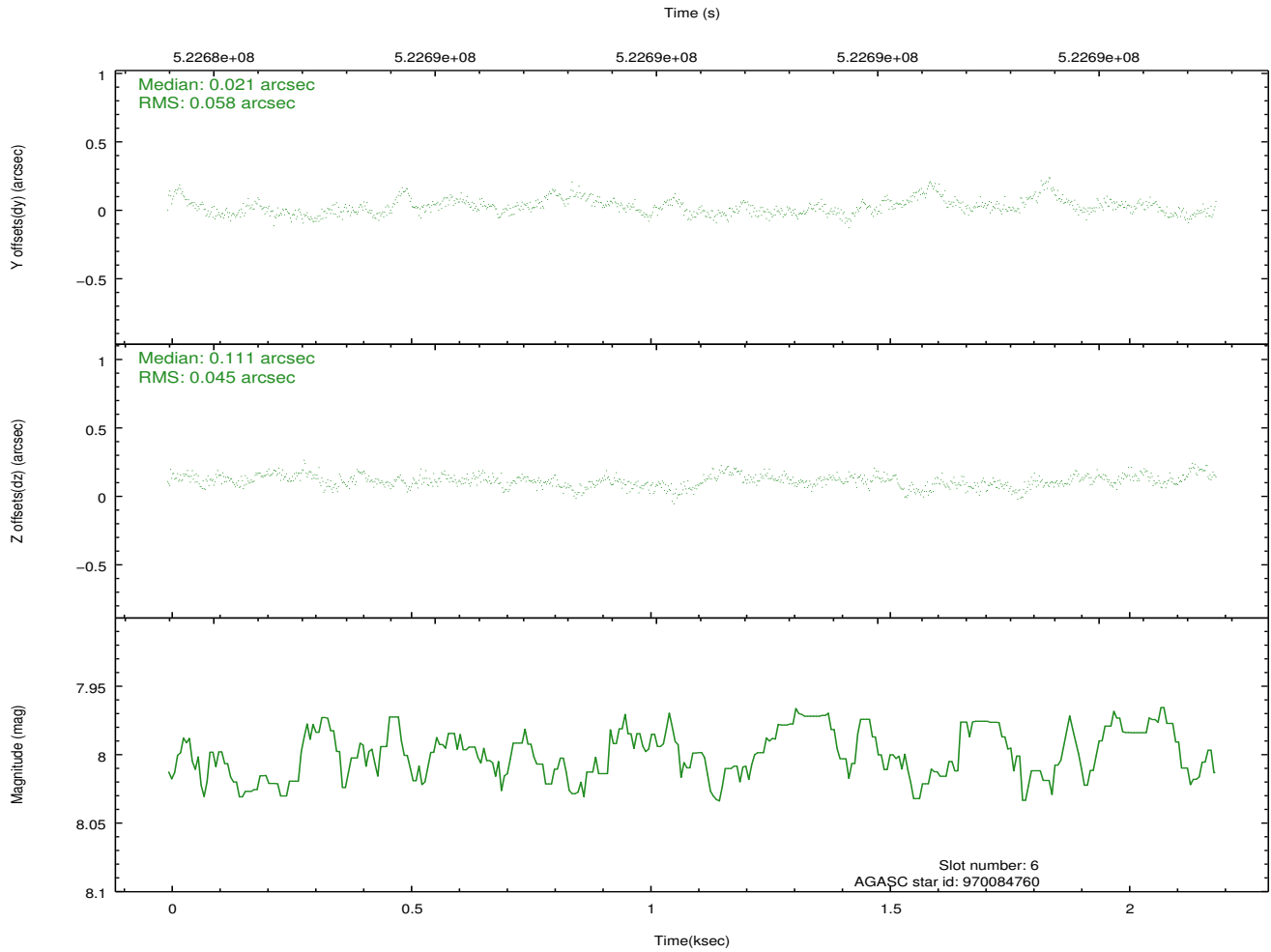
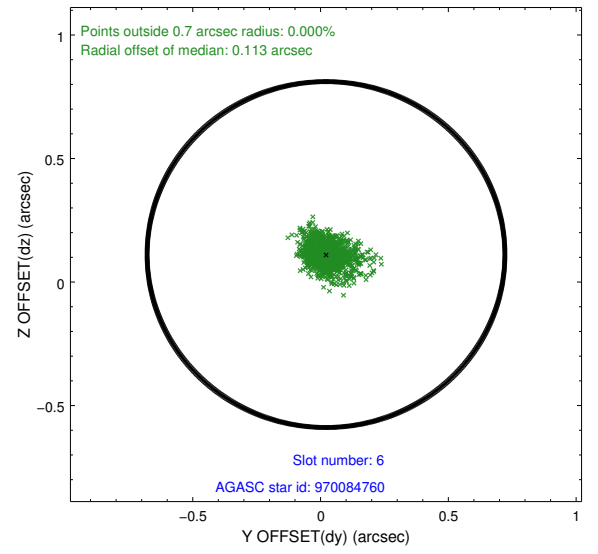
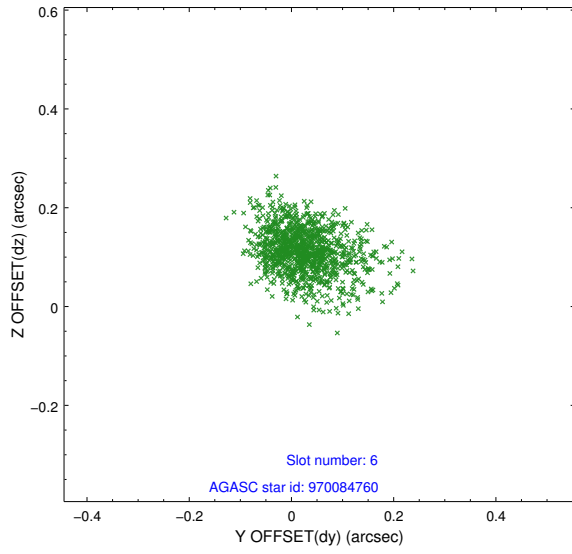
2.4.2 Slot 4



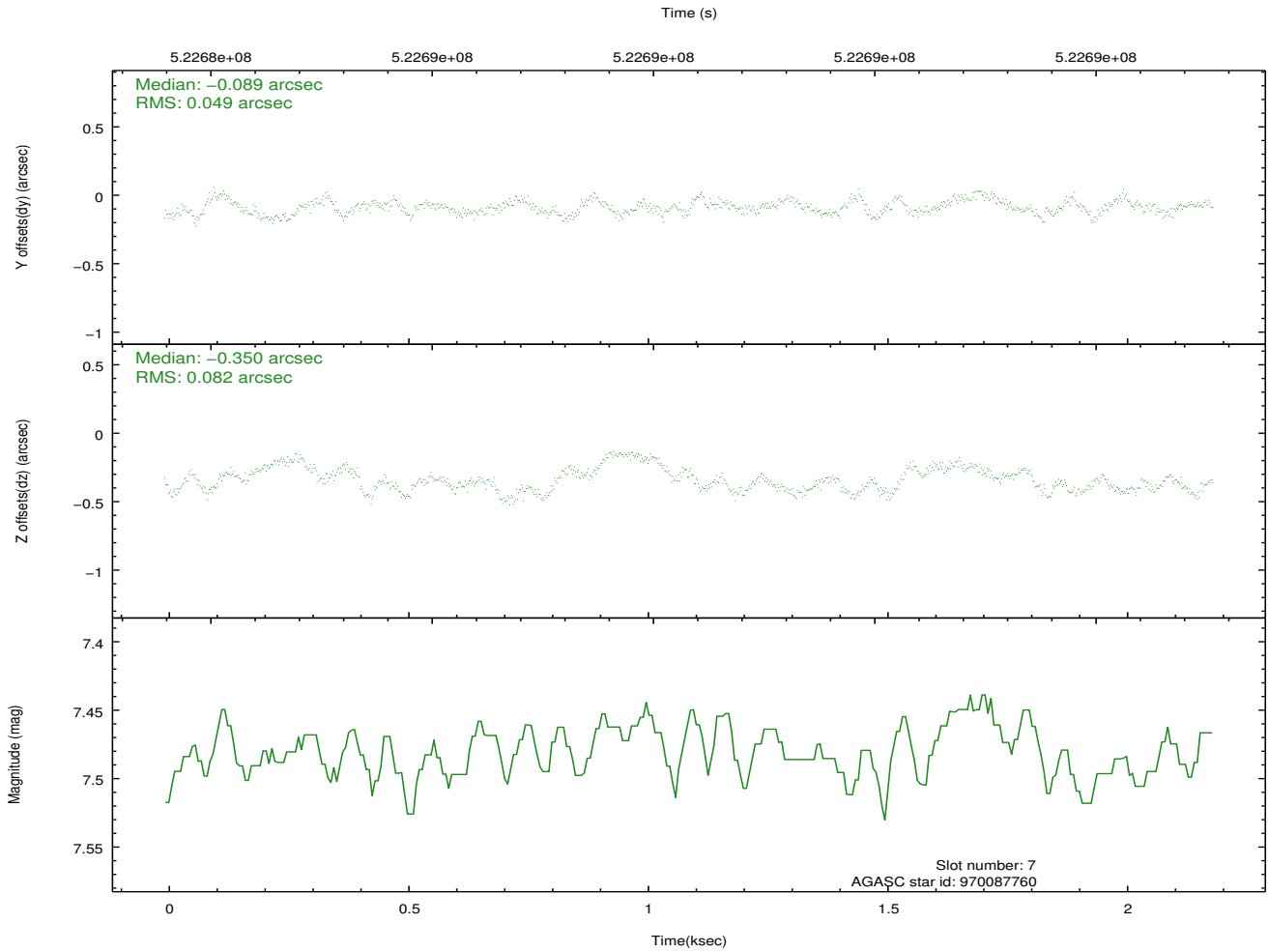
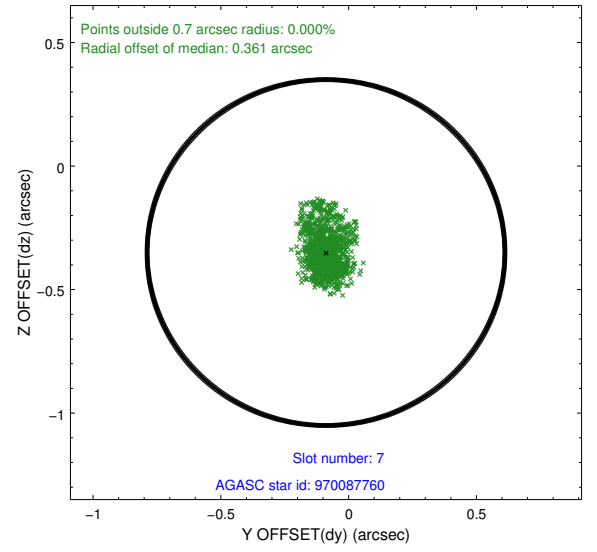
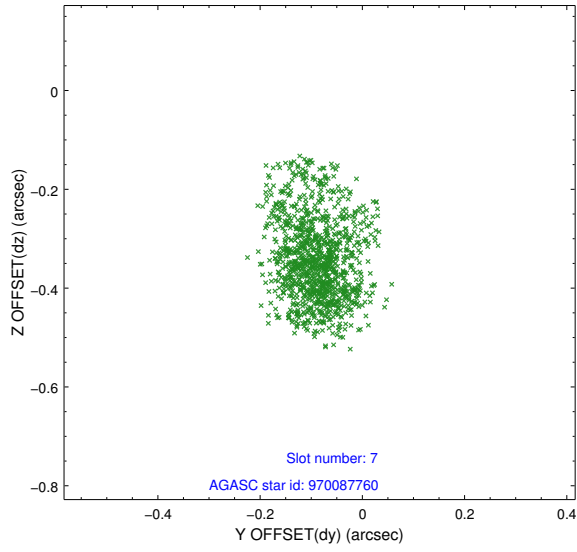
2.4.3 Slot 5



2.4.4 Slot 6

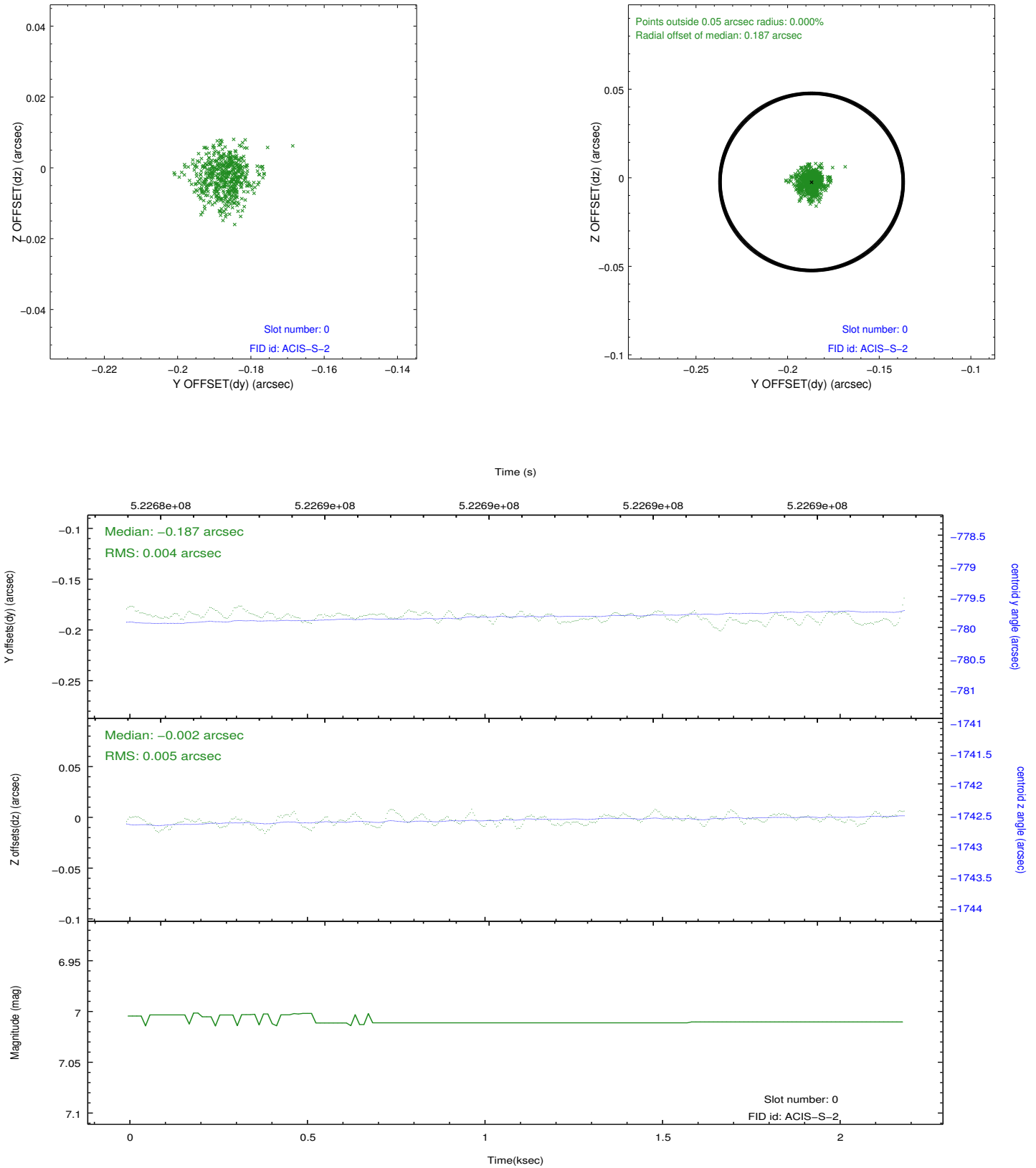


2.4.5 Slot 7

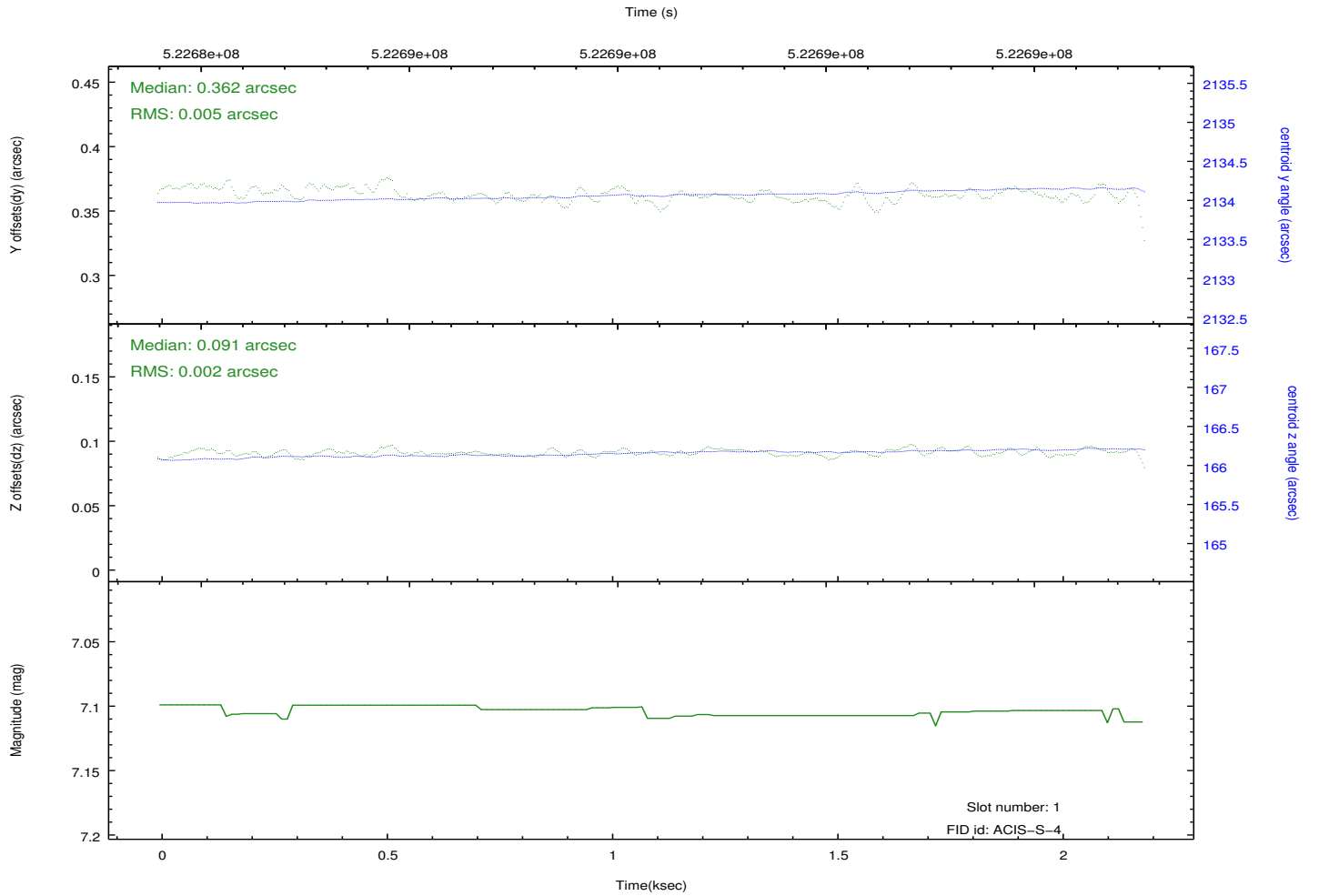
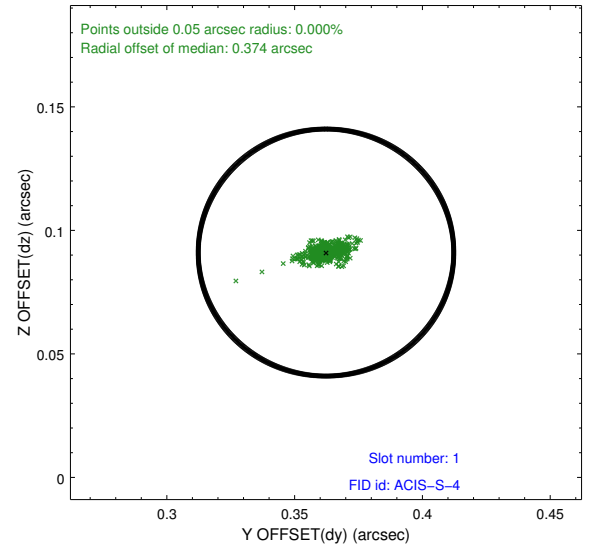
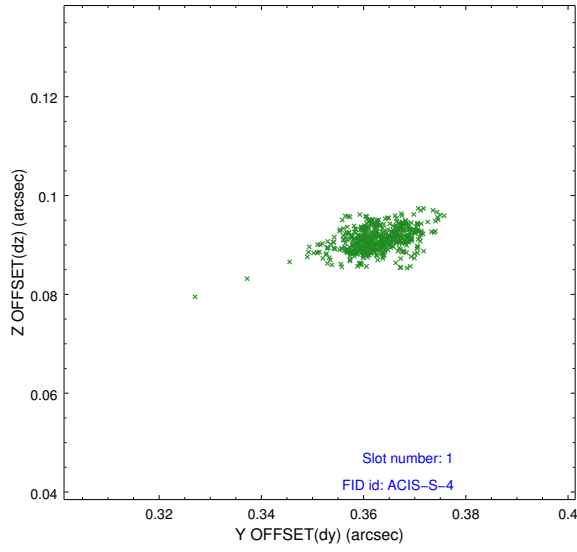


2.5 FID Slots

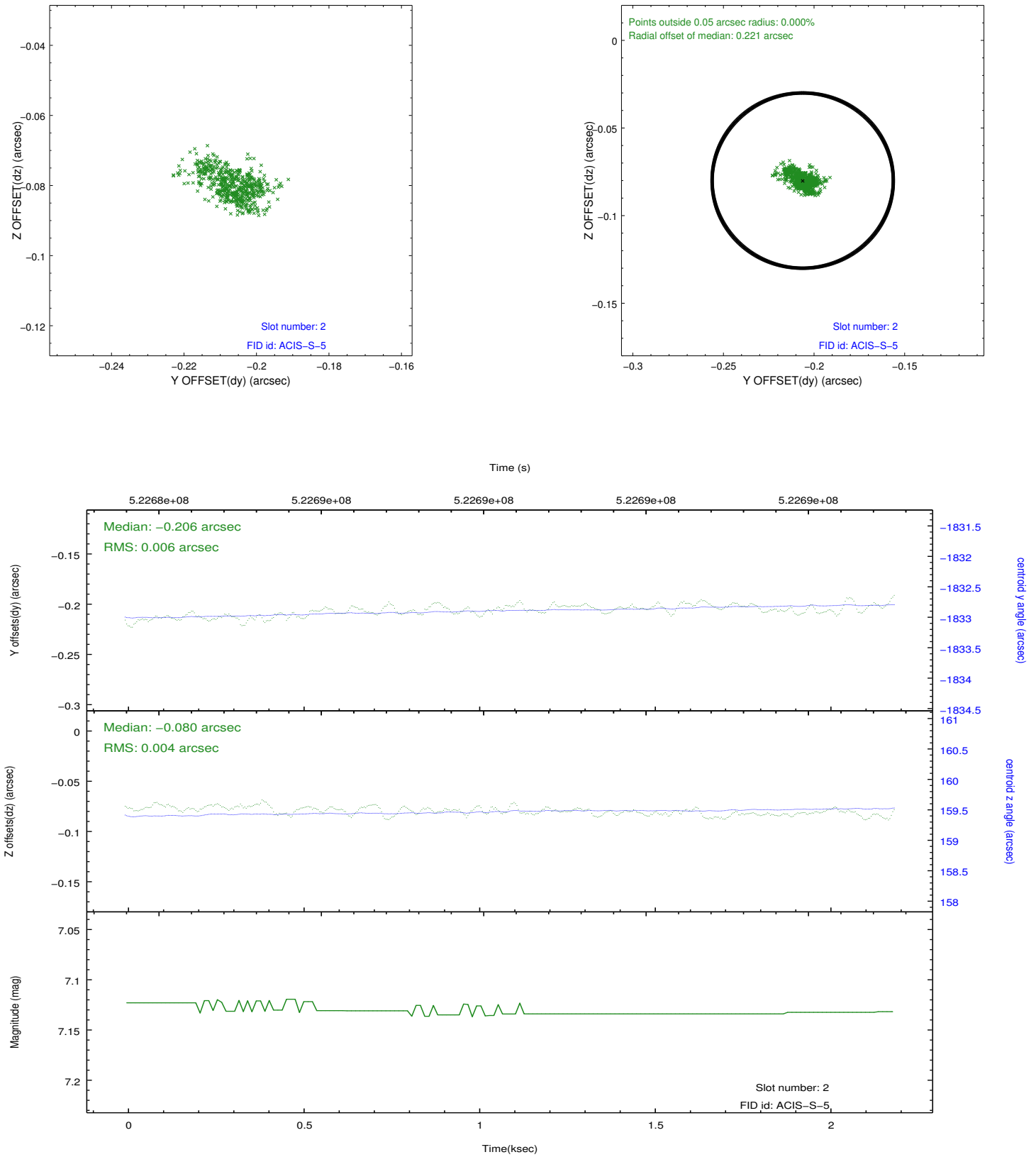
2.5.1 Slot 0



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)	2014.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0687998766899

A.2 Comments

Source coordinates differ from observer-supplied coordinates by about 1.4 arcsec in ra.