

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13321 - L2 Version 1
Chandra X-Ray Center

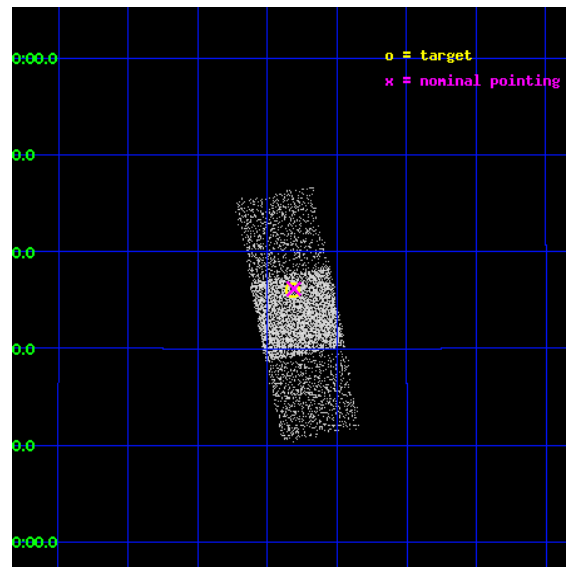
L2 Processing Date : Jan 31 2012

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1 Front

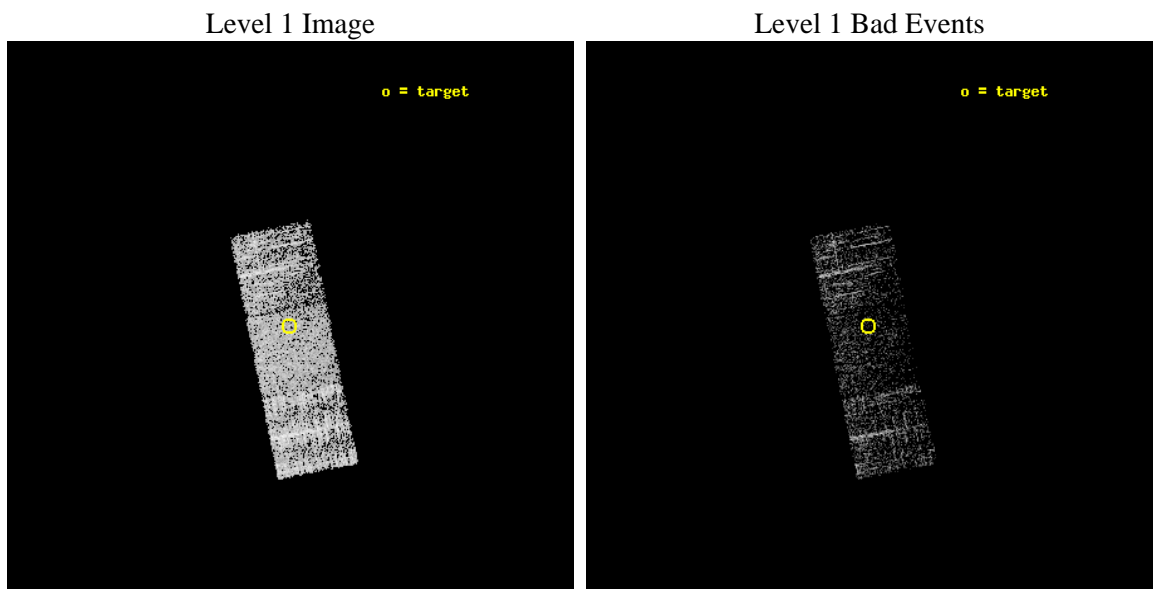
seq_num	702528	Sequence number
obs_id	13321	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1111+1336	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	167.829583	Observer's specified target RA [deg]
dec_targ	13.601083	Observer's specified target Dec [deg]
ra_nom	167.8273989447	Nominal RA [deg]
dec_nom	13.602872616106	Nominal Dec [deg]
roll_nom	78.648000087962	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.9000121355	Sum of GTIs [s]
livetime	1557.2835868439	Livetime [s]
ontime6	1577.9000121355	Sum of GTIs [s]
ontime7	1577.9000121355	Sum of GTIs [s]
ontime8	1577.9000121355	Sum of GTIs [s]
l2events	6846	Number of level 2 events



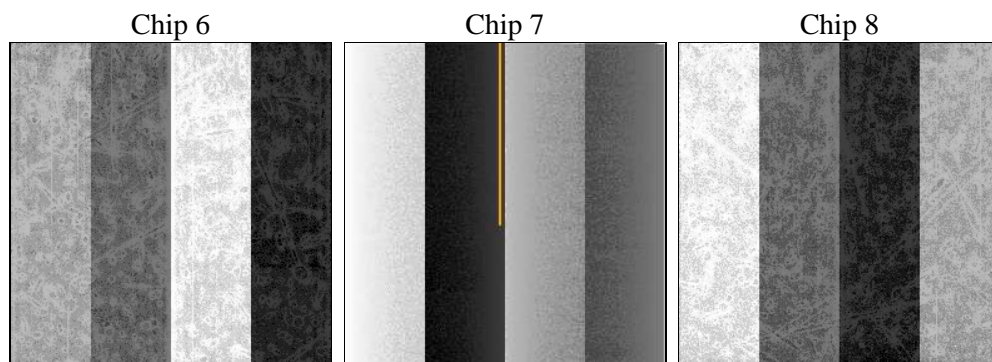
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1577.9000121355	Sum of GTIs [s]
caldsver	4.4.7	 	ontime6	1577.9000121355	Sum of GTIs [s]
date	2012-01-31T22:15:56	Date and time of file creation	ontime7	1577.9000121355	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1577.9000121355	Sum of GTIs [s]
			l1events	32596	Number of level 1 events

2.1.4 Events

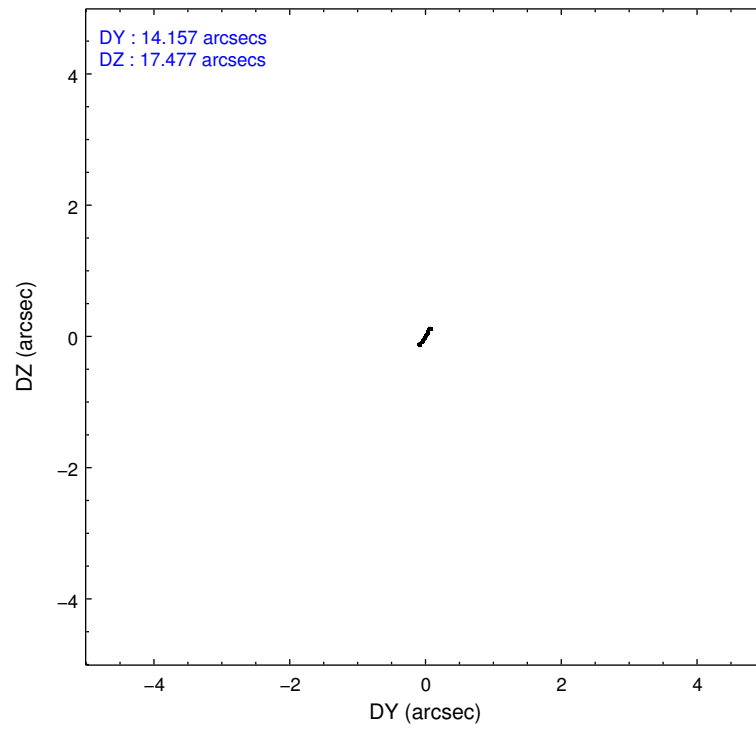
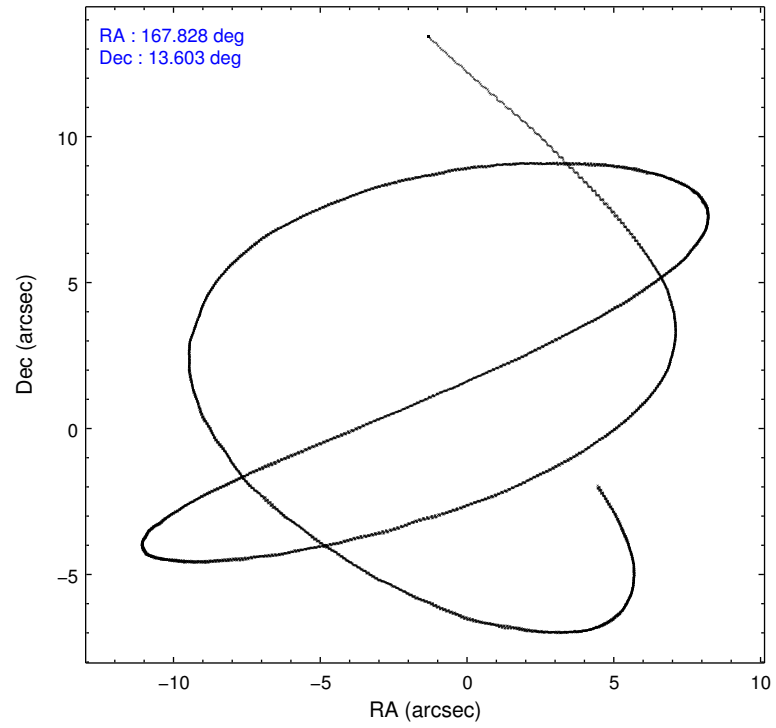
	ccd 6	ccd 7	ccd 8
level 1 events	8973	9900	13723
rejected events	7834	4894	8100
rejected %	87%	49%	59%

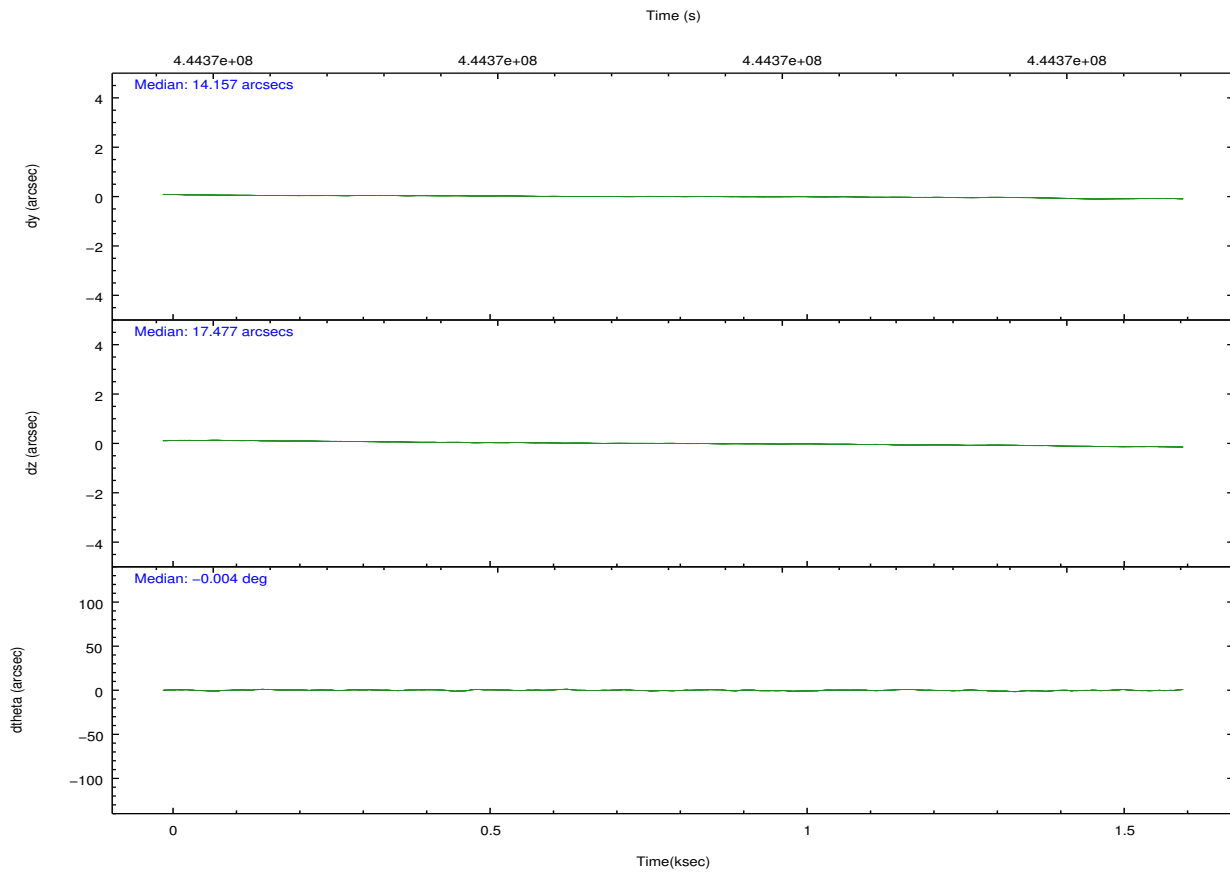
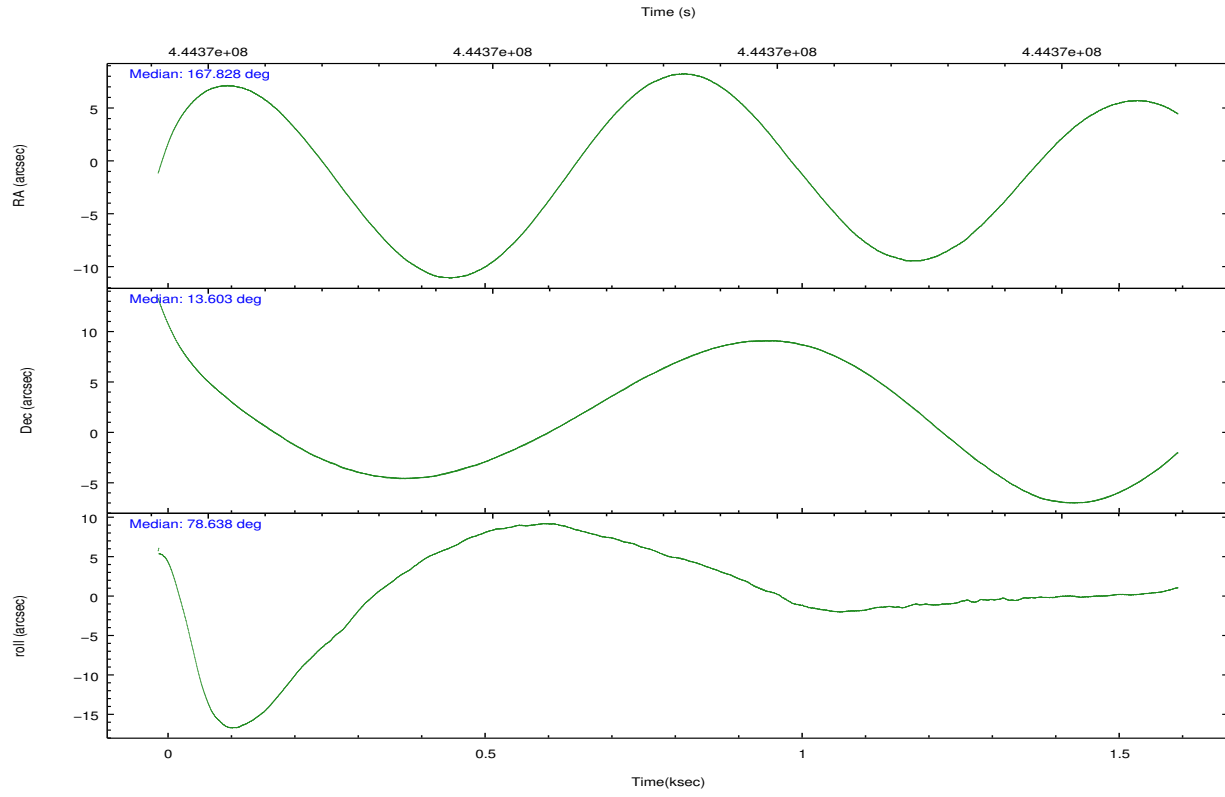
	ccd 6	ccd 7	ccd 8
grade 0 events	430	511	1523
	4%	5%	11%
grade 1 events	6	14	22
	0%	0%	0%
grade 2 events	261	1032	1143
	2%	10%	8%
grade 3 events	125	446	778
	1%	4%	5%
grade 4 events	114	476	703
	1%	4%	5%
grade 5 events	356	981	575
	3%	9%	4%
grade 6 events	211	2549	1513
	2%	25%	11%
grade 7 events	7470	3891	7466
	83%	39%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	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	167.836697	167.8273989446991	Subarray requested	NONE	NONE
[deg] Pointing Dec	13.577395	13.60287261610623	Alternating exposures requested	N	N
[deg] Pointing Roll	78.489055	78.64800008796237	[s] Primary exposure time	0.000000	3.1
[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)	444367102.184000	444365826.10841			
Observation start date	2012-01-31T03:17:16	2012-01-31T02:57:06			
[s] Observation end time (MET)	444368602.184000	444369047.68358			
Observation end date	2012-01-31T03:42:16	2012-01-31T03:50:47			
Read mode	TIMED	TIMED			

2.3 Aspect



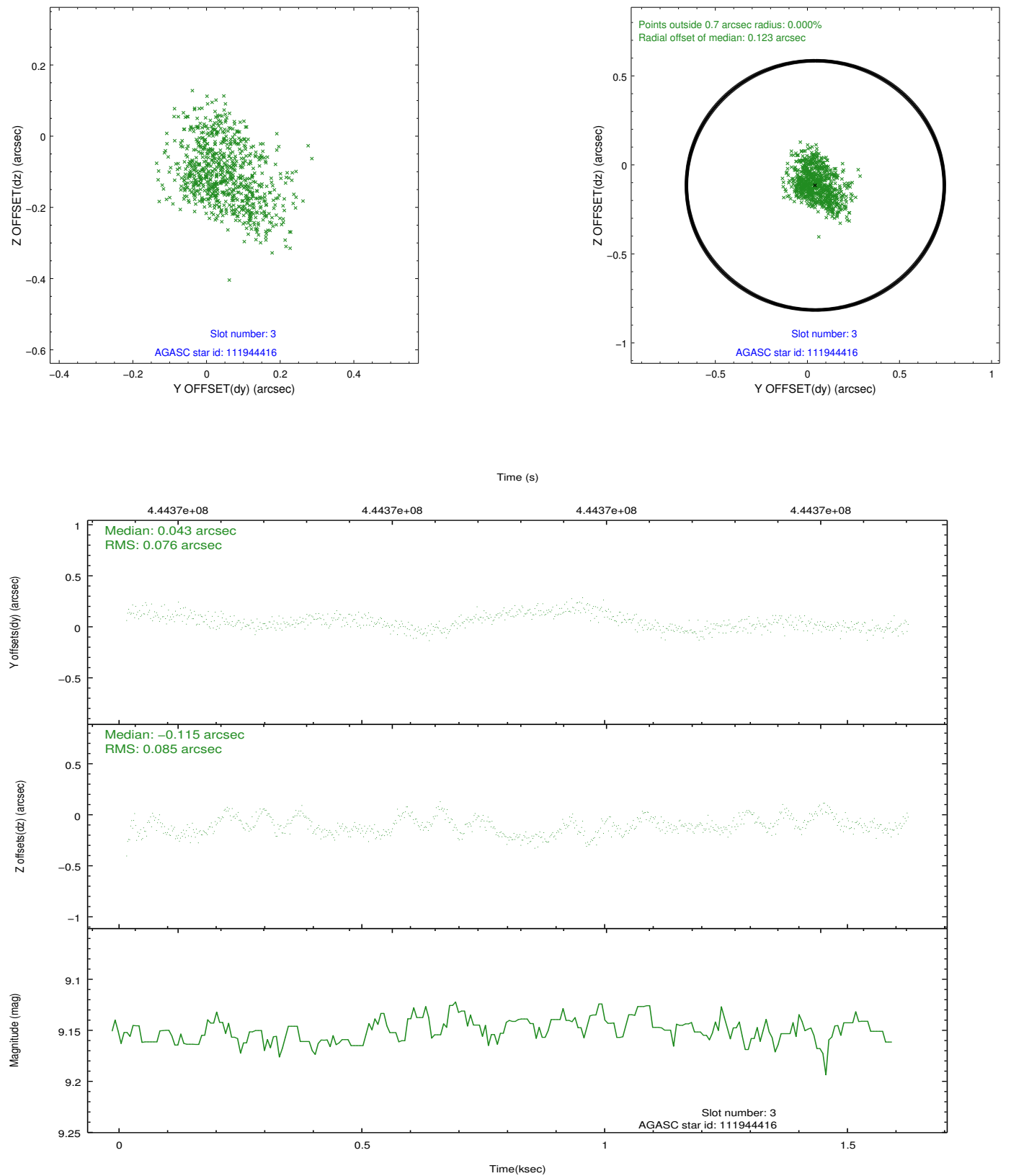


Slot Statistics

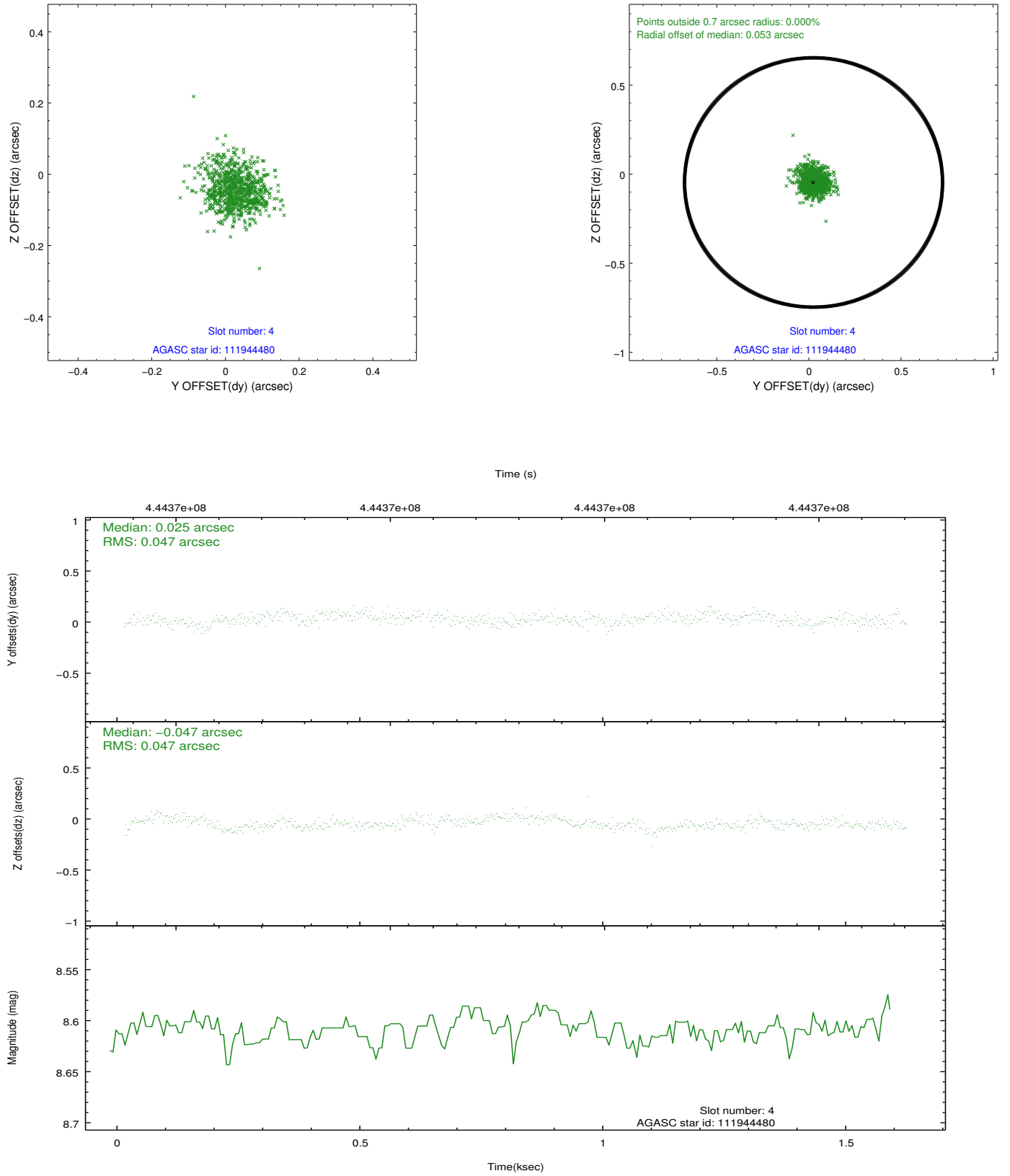
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.97	393	-0.012	-0.026	0.007	0.012	0.000000	0.000000	928.88	-1734.59
1	FID	ACIS-S-4	6.97	393	0.086	-0.011	0.006	0.010	0.000000	0.000000	2148.70	165.31
2	FID	ACIS-S-6	7.09	393	-0.097	0.047	0.008	0.014	0.000000	0.000000	400.05	807.41
3	GUIDE	111944416	9.15	786	0.043	-0.115	0.122	0.198	168.281221	13.248301	-847.06	-1762.04
4	GUIDE	111944480	8.61	782	0.025	-0.047	0.070	0.115	167.667829	13.119228	-1733.84	250.28
5	GUIDE	111944680	9.21	786	-0.067	-0.343	0.099	0.166	167.248509	13.677561	-56.10	2089.20
6	GUIDE	111944848	7.86	786	-0.049	0.159	0.051	0.086	168.075212	13.220782	-1089.43	-1071.84
7	GUIDE	111943664	9.26	784	0.037	0.353	0.118	0.189	168.455104	13.231647	-784.32	-2371.73

2.4 Star Slots

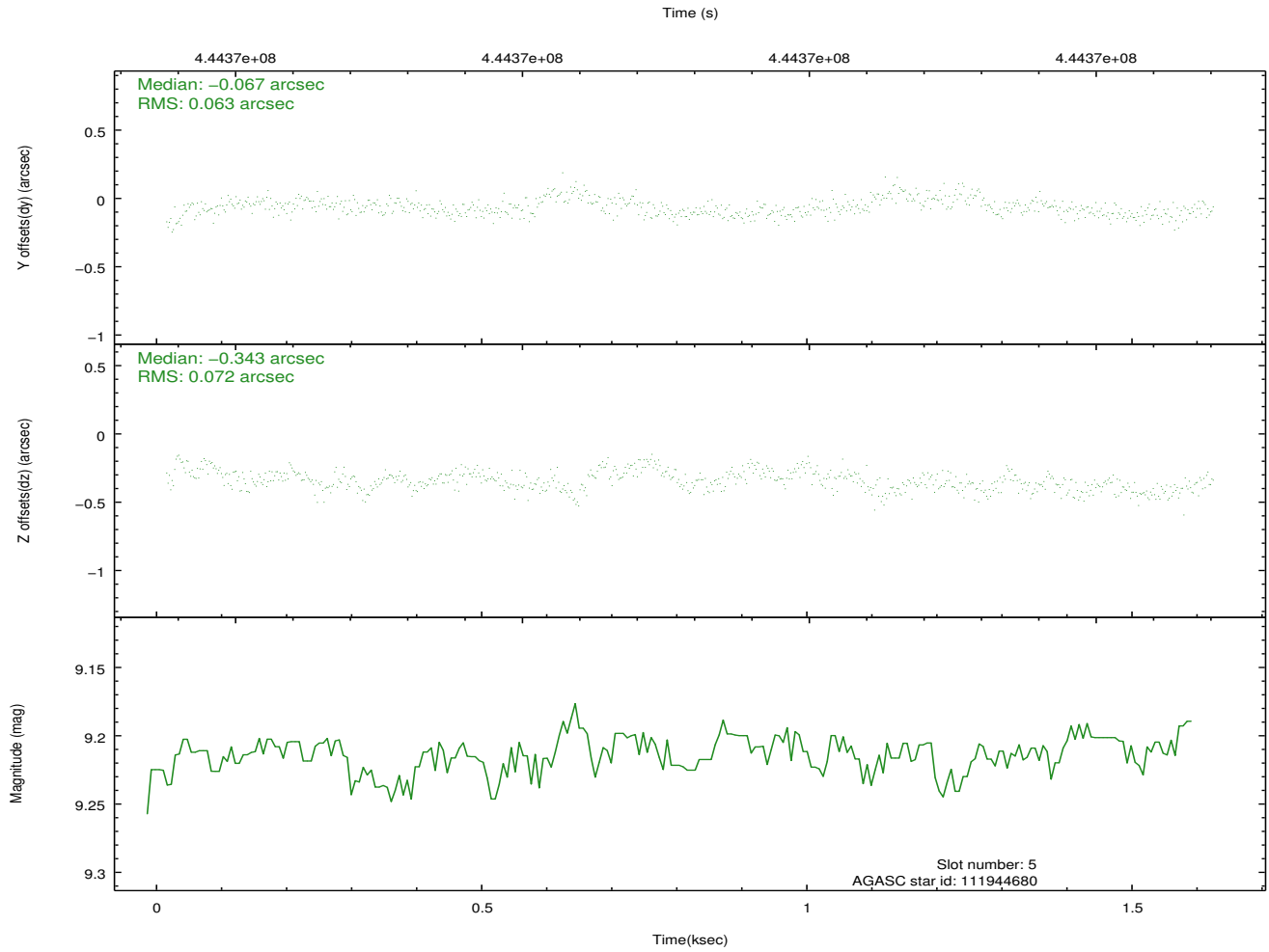
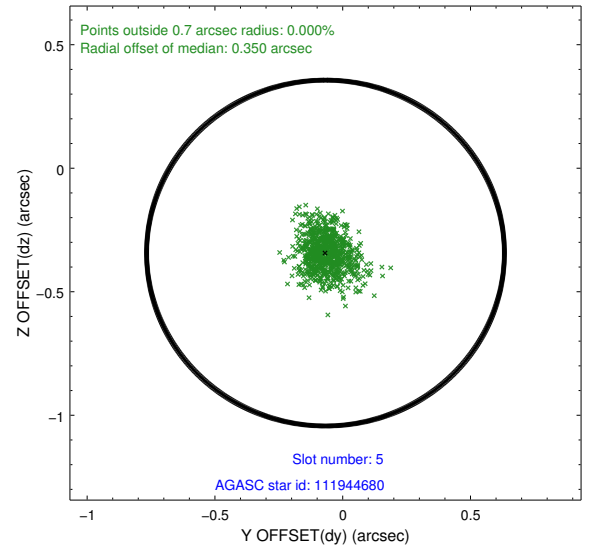
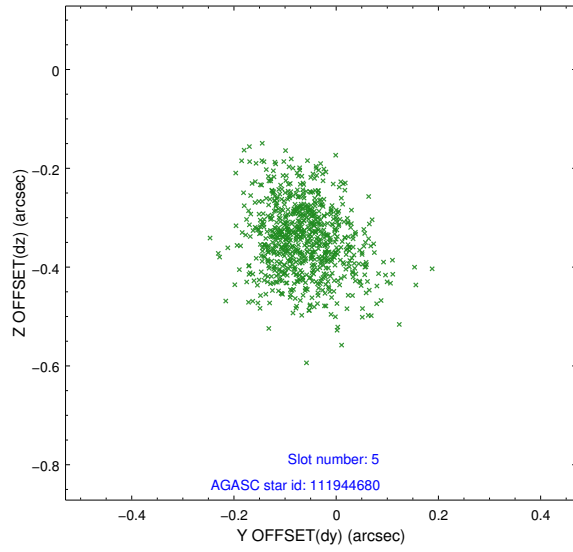
2.4.1 Slot 3



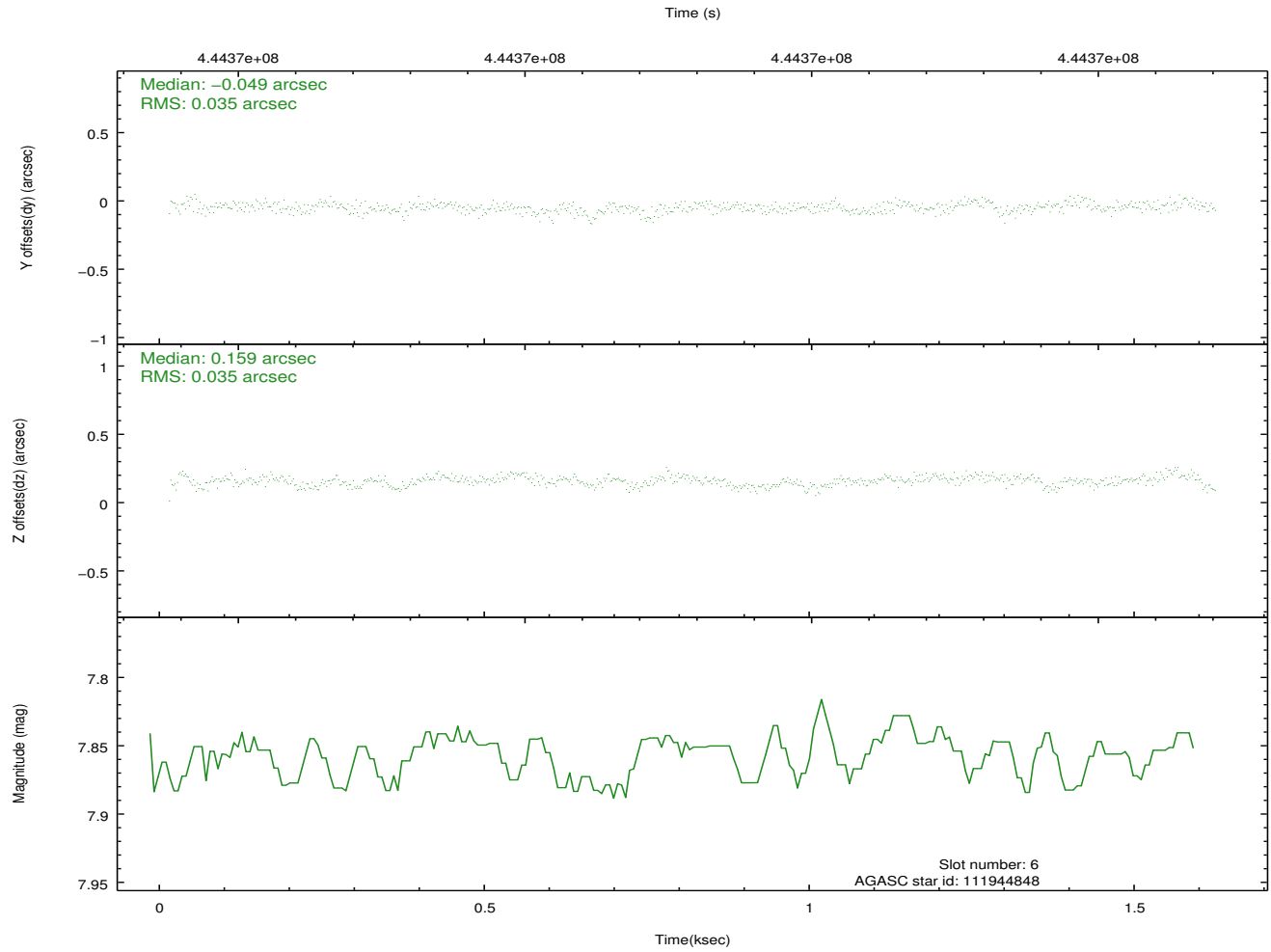
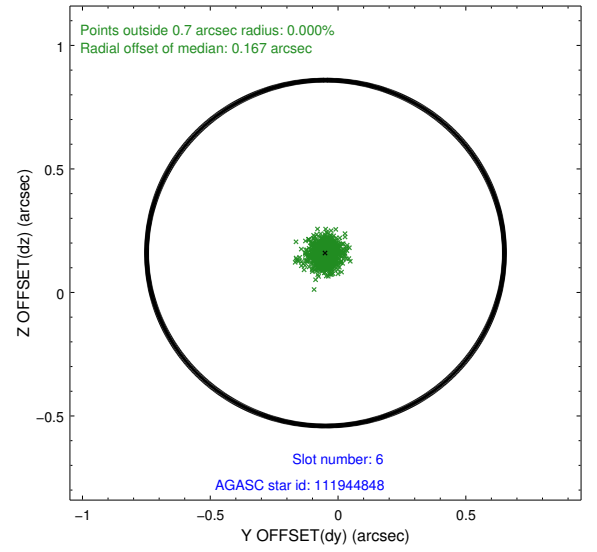
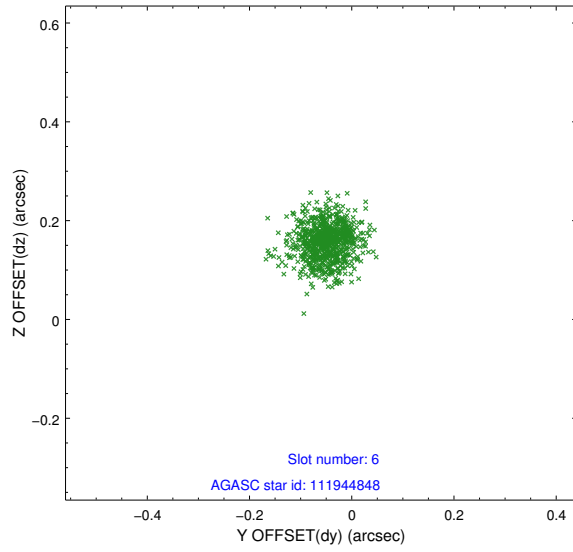
2.4.2 Slot 4



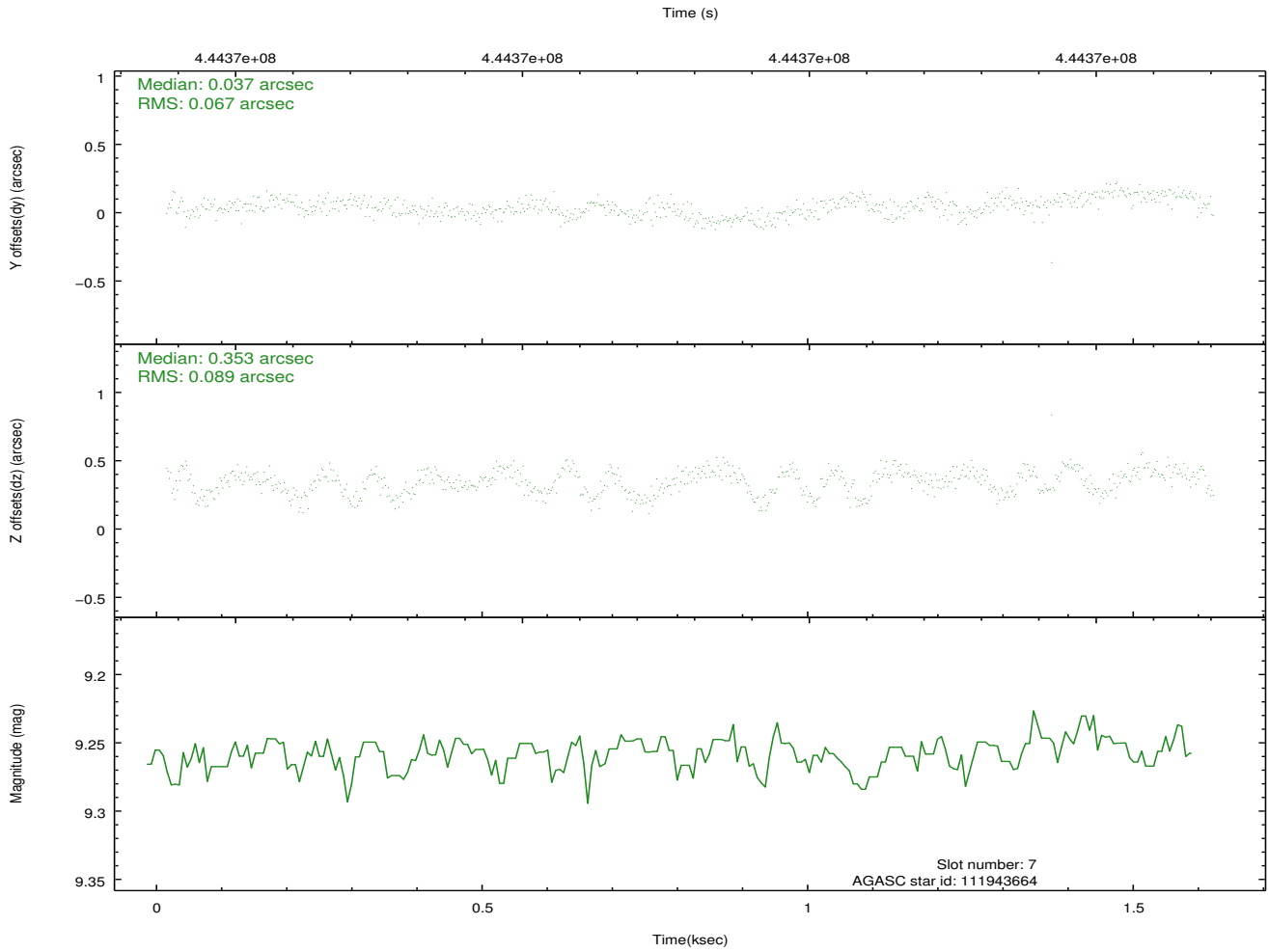
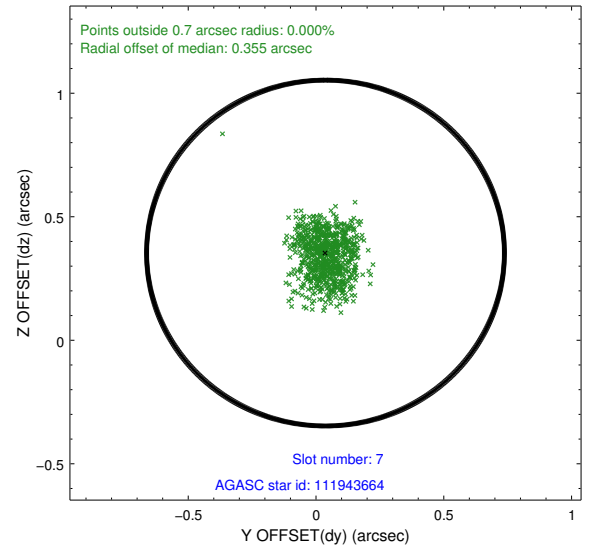
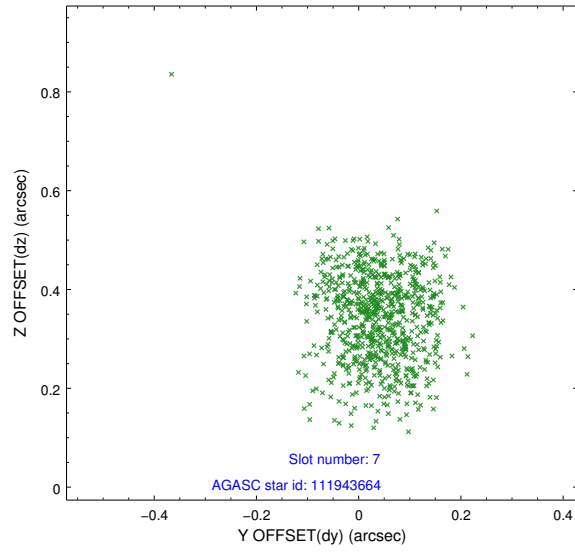
2.4.3 Slot 5



2.4.4 Slot 6

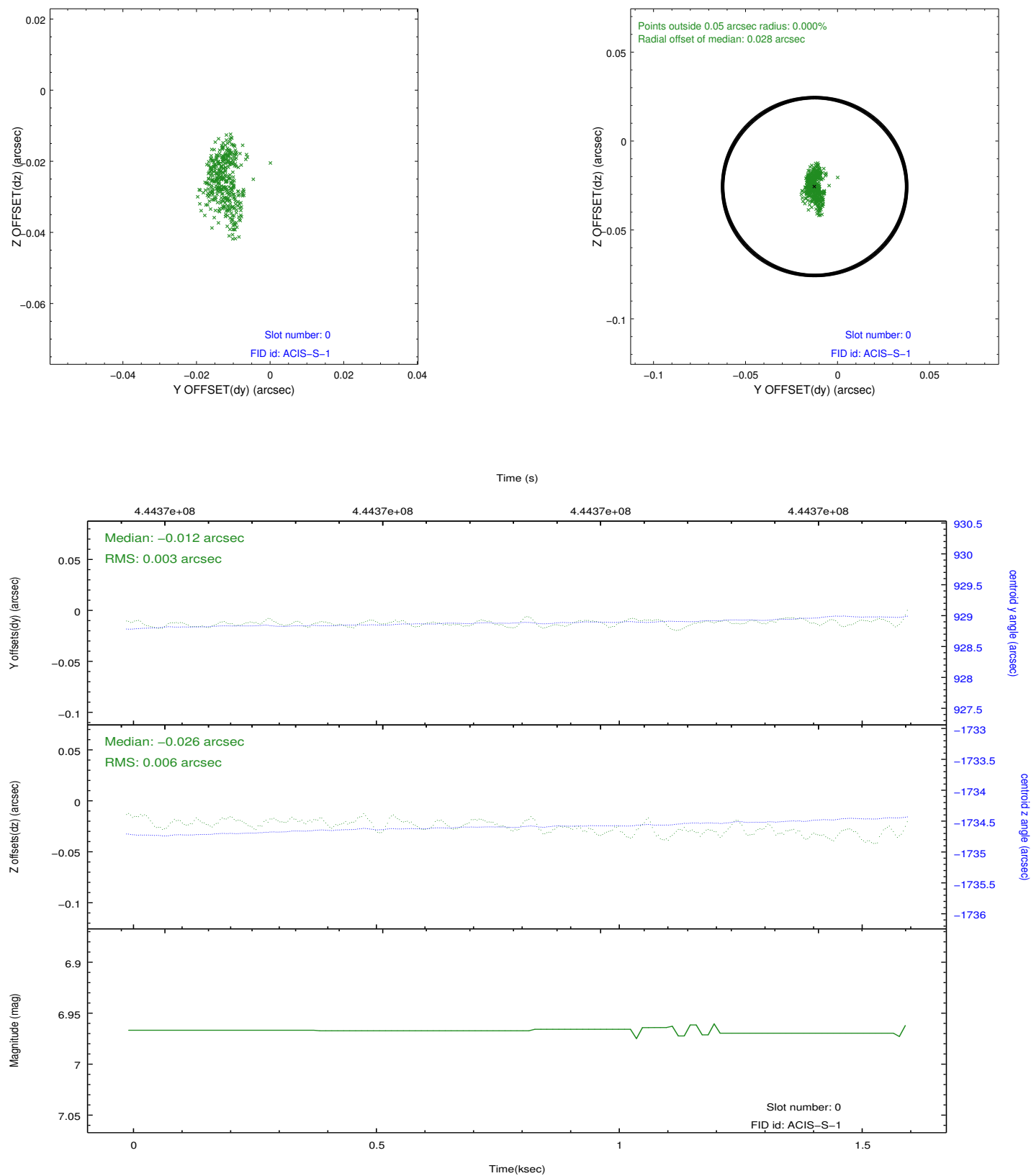


2.4.5 Slot 7

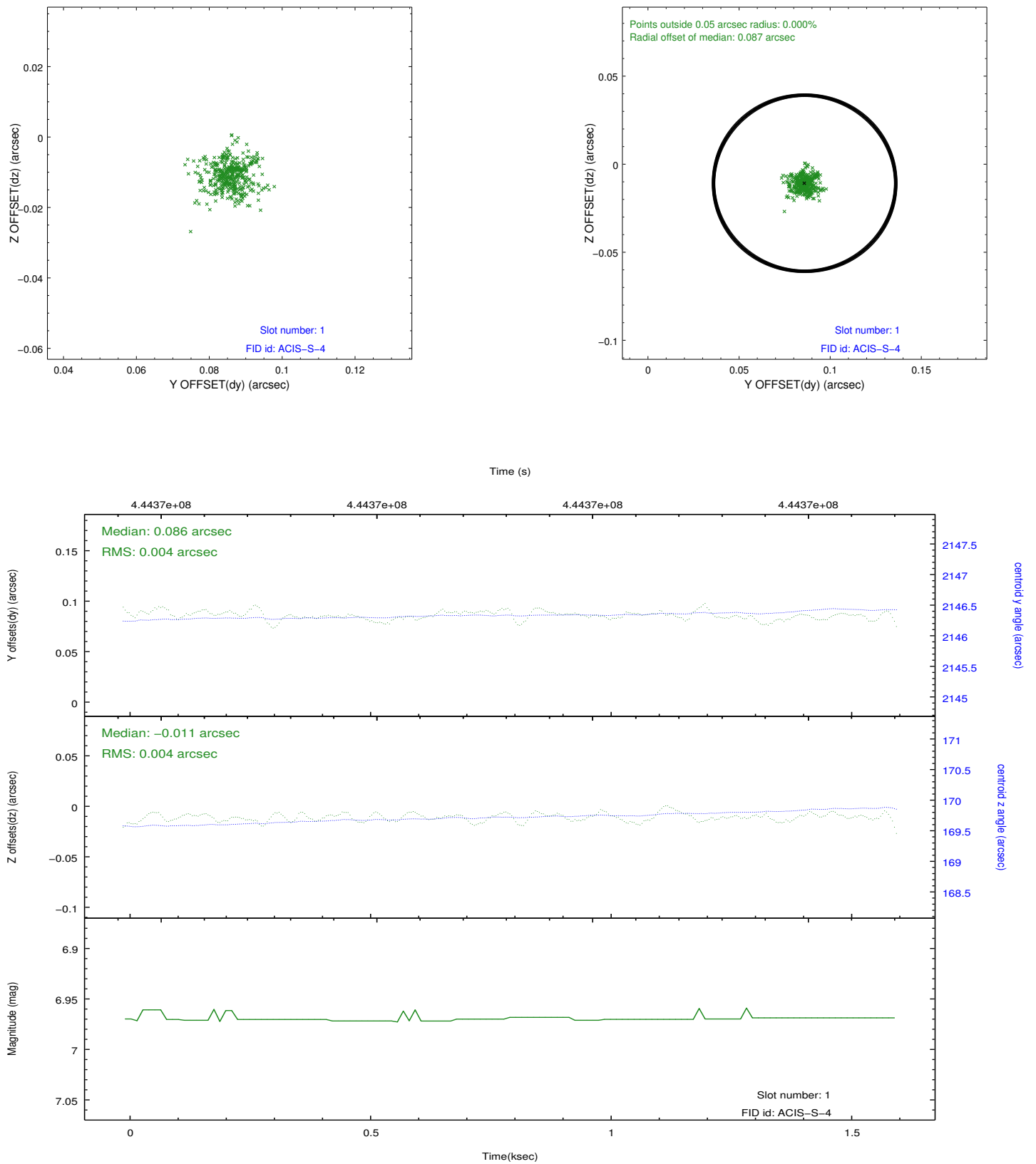


2.5 FID Slots

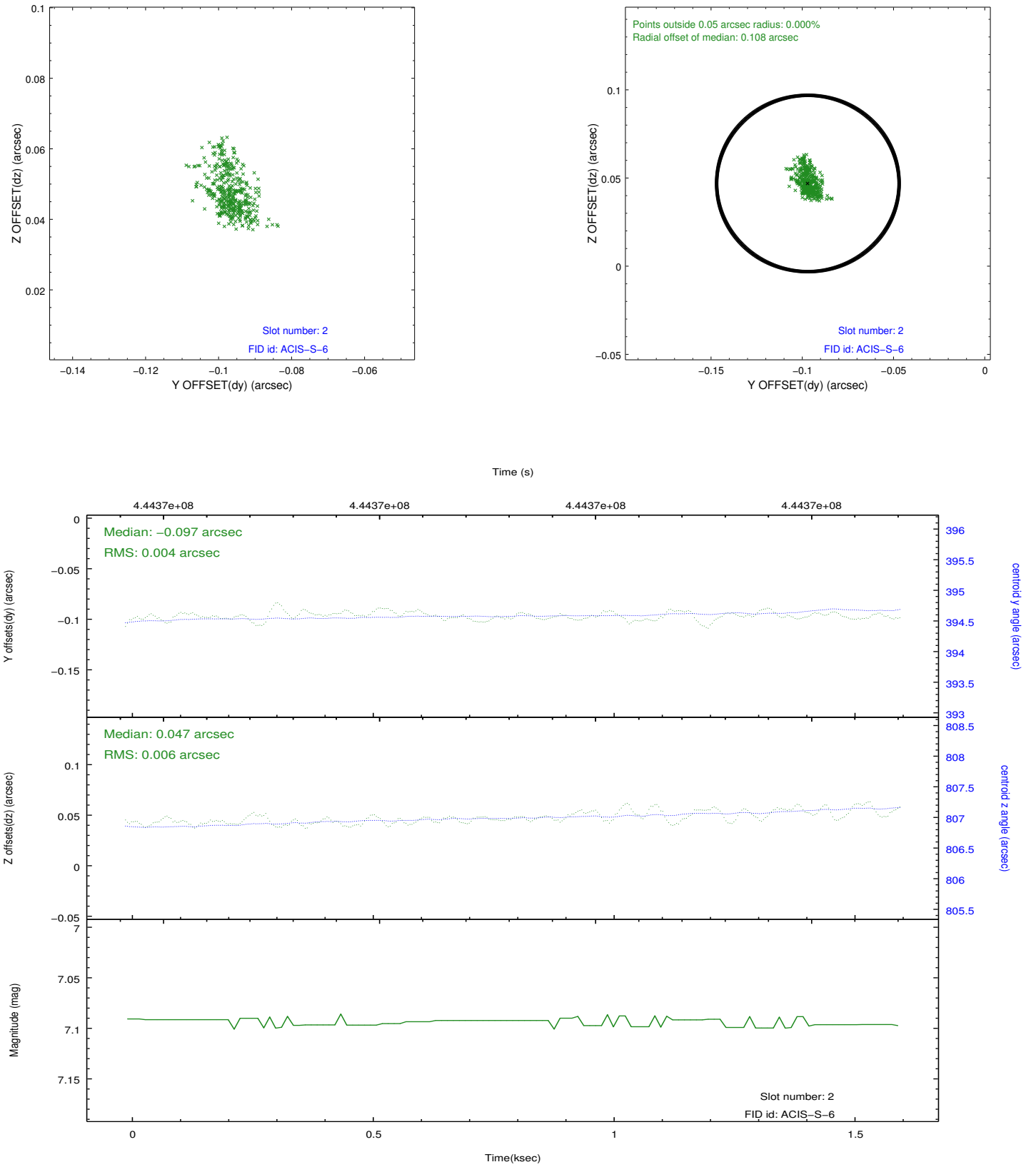
2.5.1 Slot 0



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)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5779000121355

A.2 Comments