

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5684 - L2 Version 3
Chandra X-Ray Center

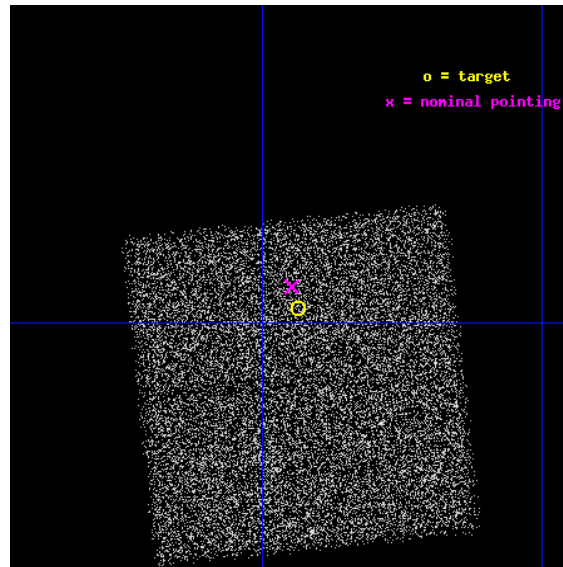
L2 Processing Date : Dec 17 2012

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1 Front

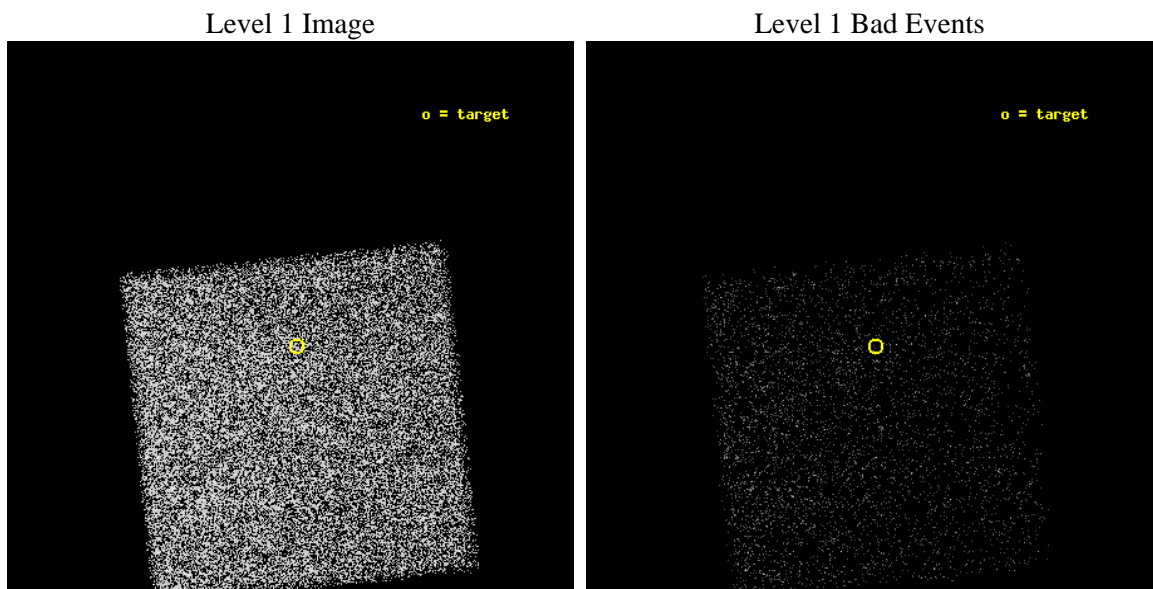
seq_num	701107	Sequence number
obs_id	5684	Observation id
title	Bringing in the Last SHEEP	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	AX J1228.4+1300	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.109167	Observer's specified target RA [deg]
dec_targ	13.006111	Observer's specified target Dec [deg]
ra_nom	187.11182938192	Nominal RA [deg]
dec_nom	13.015383571137	Nominal Dec [deg]
roll_nom	84.109196556189	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5084.2531699538	Sum of GTIs [s]
livetime	5019.8732949462	Livetime [s]
ontime7	5084.2531699538	Sum of GTIs [s]
l2events	21787	Number of level 2 events



2 OBI

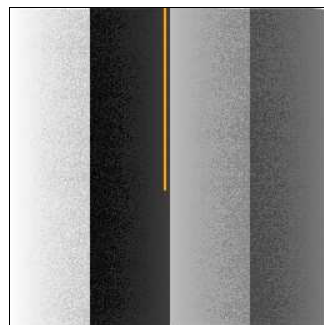
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	5084.2531699538	Sum of GTIs [s]
caldsver	4.5.5	 	ontime7	5084.2531699538	Sum of GTIs [s]
date	2012-12-17T04:38:49	Date and time of file creation	l1events	50208	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

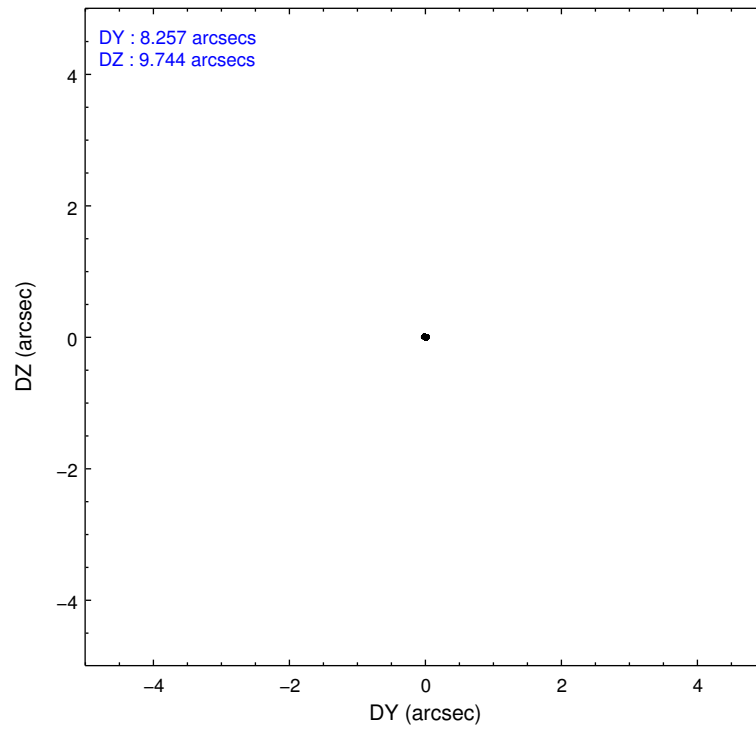
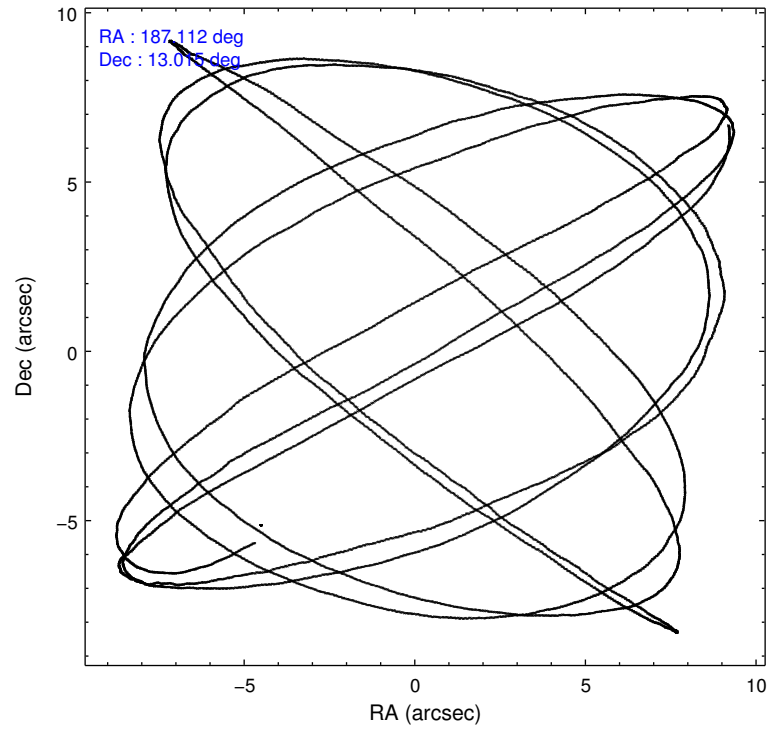
	ccd 7
level 1 events	50208
rejected events	27938
rejected %	55%

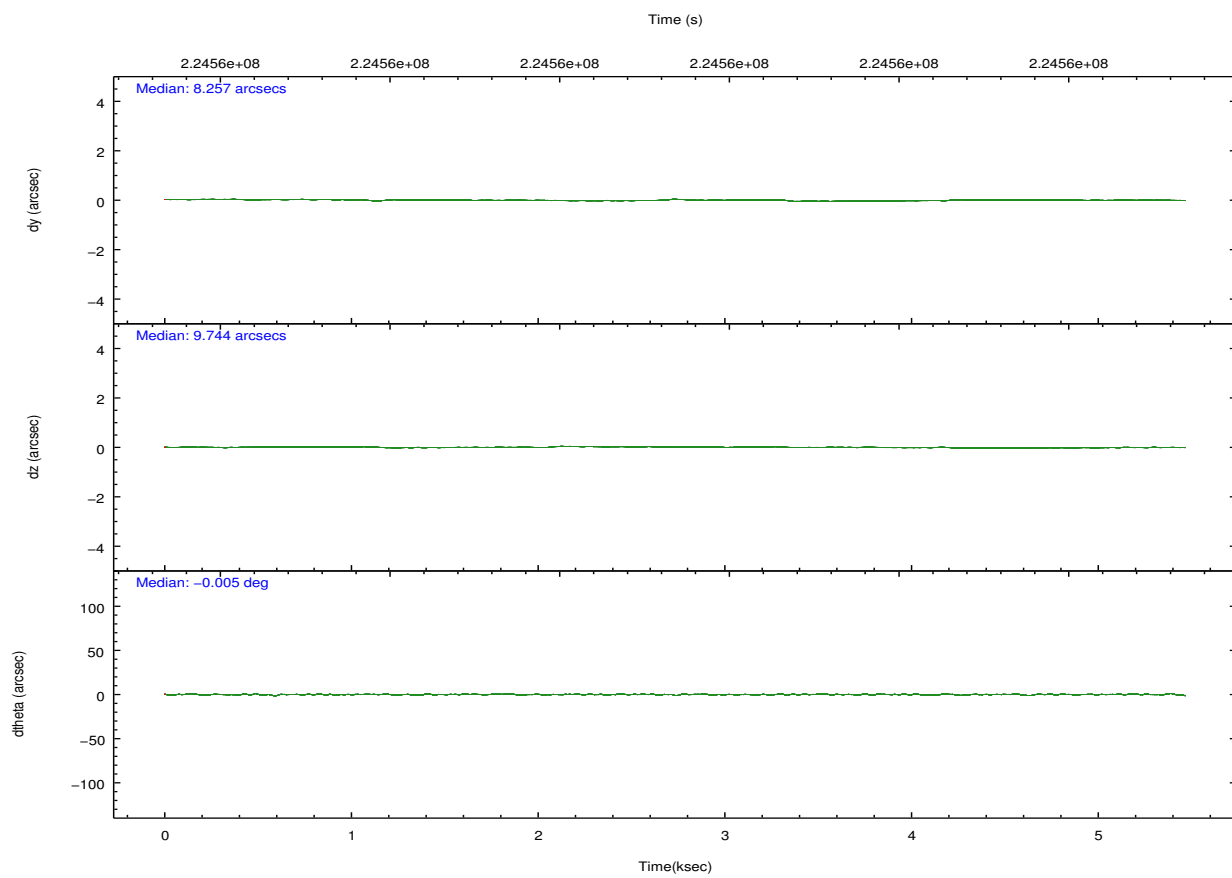
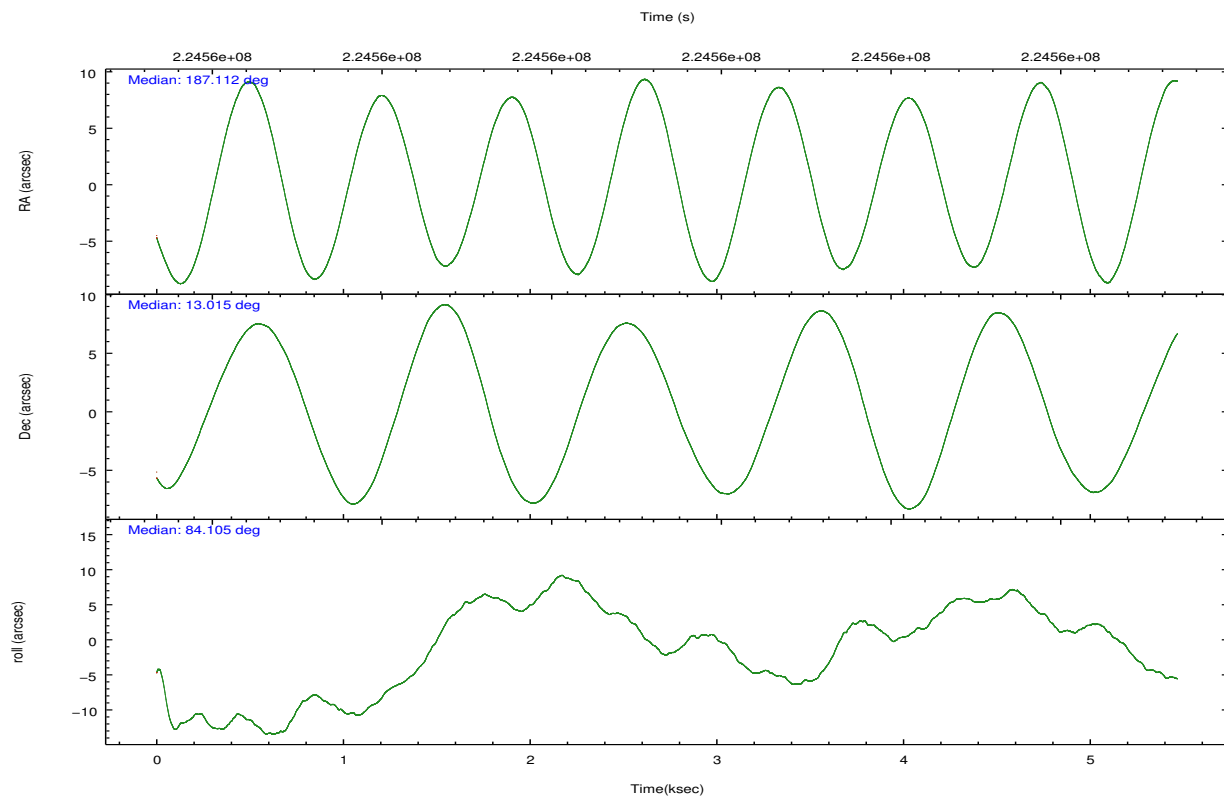
	ccd 7
grade 0 events	2468
	4%
grade 1 events	56
	0%
grade 2 events	4557
	9%
grade 3 events	1994
	3%
grade 4 events	1991
	3%
grade 5 events	4668
	9%
grade 6 events	11275
	22%
grade 7 events	23199
	46%

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	187.123655	187.1118293819151	Subarray requested	NONE	NONE
[deg] Pointing Dec	12.990704	13.01538357113655	Alternating exposures requested	N	N
[deg] Pointing Roll	83.949883	84.10919655618871	[s] Primary exposure time	0.000000	3.2
[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)	224555411.184000	224554570.75087			
Observation start date	2005-02-12T00:29:07	2005-02-12T00:16:10			
[s] Observation end time (MET)	224560411.184000	224561067.20117			
Observation end date	2005-02-12T01:52:27	2005-02-12T02:04:27			
Read mode	TIMED	TIMED			

2.3 Aspect



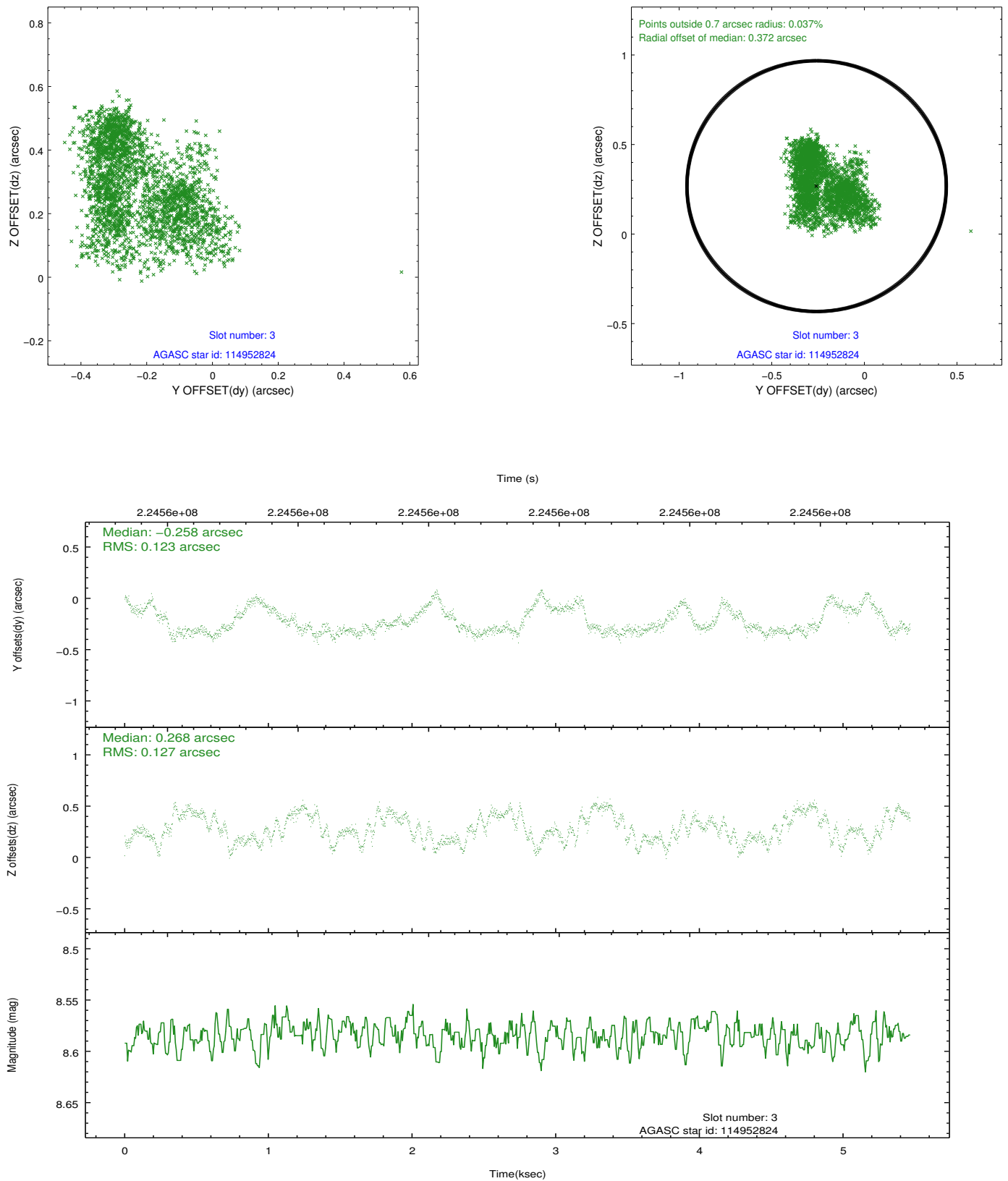


Slot Statistics

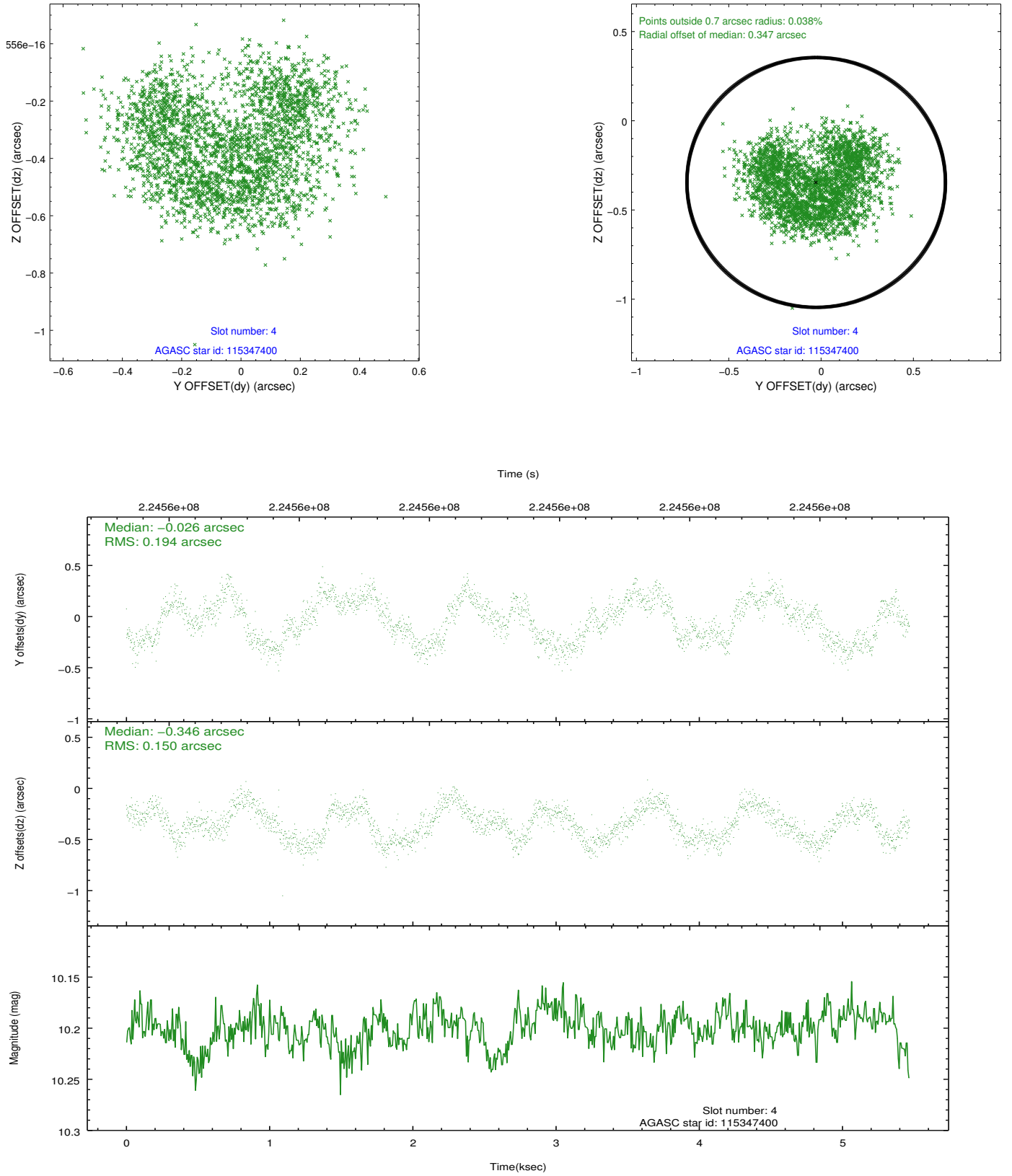
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1334	-0.040	-0.035	0.007	0.011	0.000000	0.000000	-761.04	-1731.04
1	FID	ACIS-S-4	7.21	1334	0.127	0.029	0.005	0.009	0.000000	0.000000	2151.86	176.44
2	FID	ACIS-S-5	7.24	1334	-0.118	0.015	0.007	0.011	0.000000	0.000000	-1812.59	171.26
3	GUIDE	114952824	8.58	2668	-0.258	0.268	0.194	0.280	187.703904	12.486727	-1586.56	-2218.97
4	GUIDE	115347400	10.20	2662	-0.026	-0.346	0.271	0.382	186.994146	13.445598	1580.54	622.65
5	GUIDE	115347480	9.35	2662	-0.313	-0.163	0.128	0.195	186.668576	13.310410	978.65	1706.96
6	GUIDE	115348424	9.51	2667	-0.052	0.003	0.127	0.227	187.199498	13.087929	376.89	-227.00
7	GUIDE	115348632	10.58	2657	0.644	0.243	0.165	0.270	187.536861	13.233195	1023.36	-1347.67

2.4 Star Slots

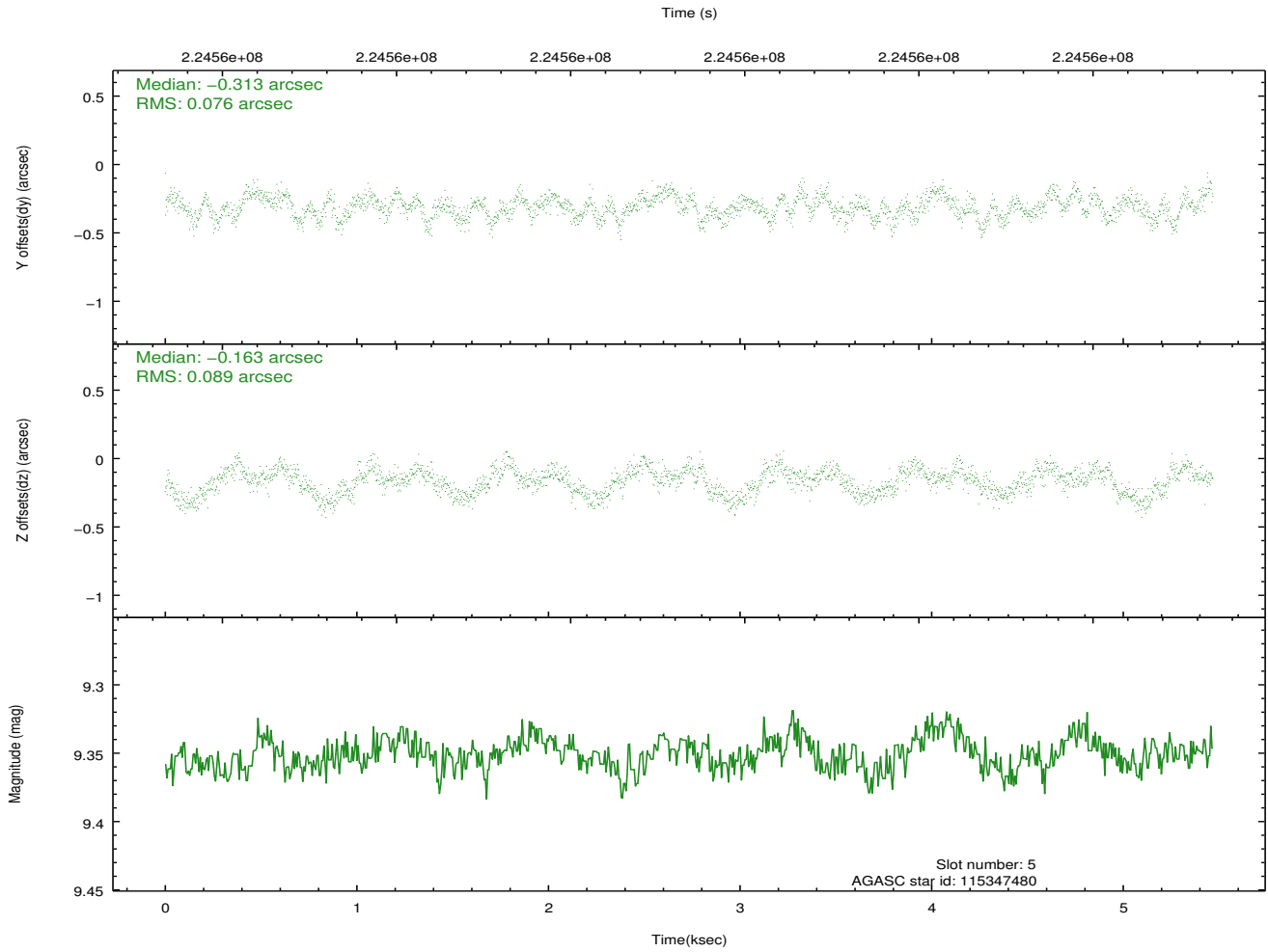
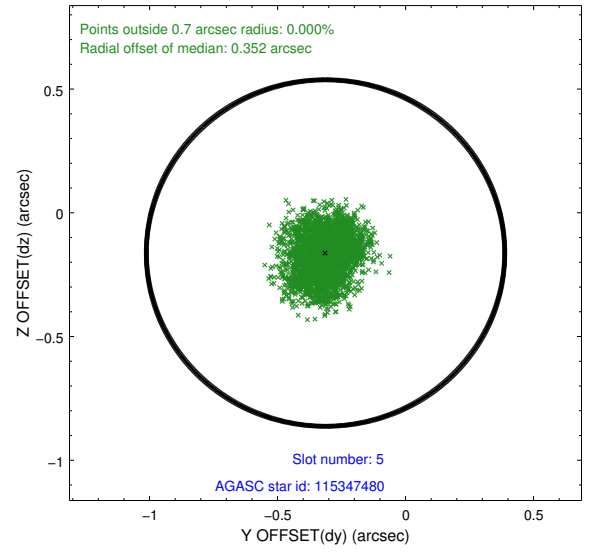
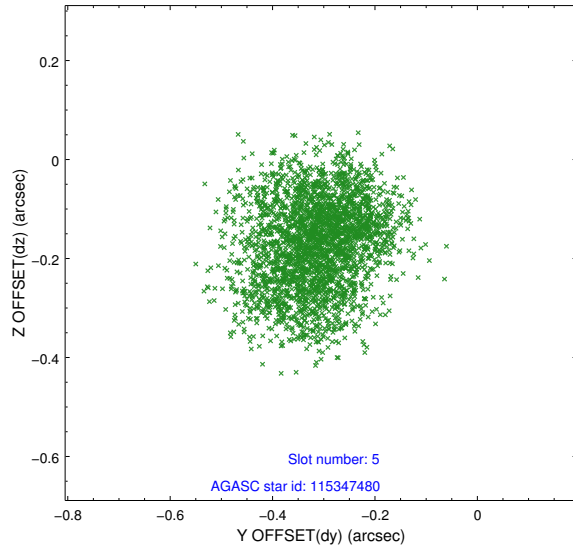
2.4.1 Slot 3



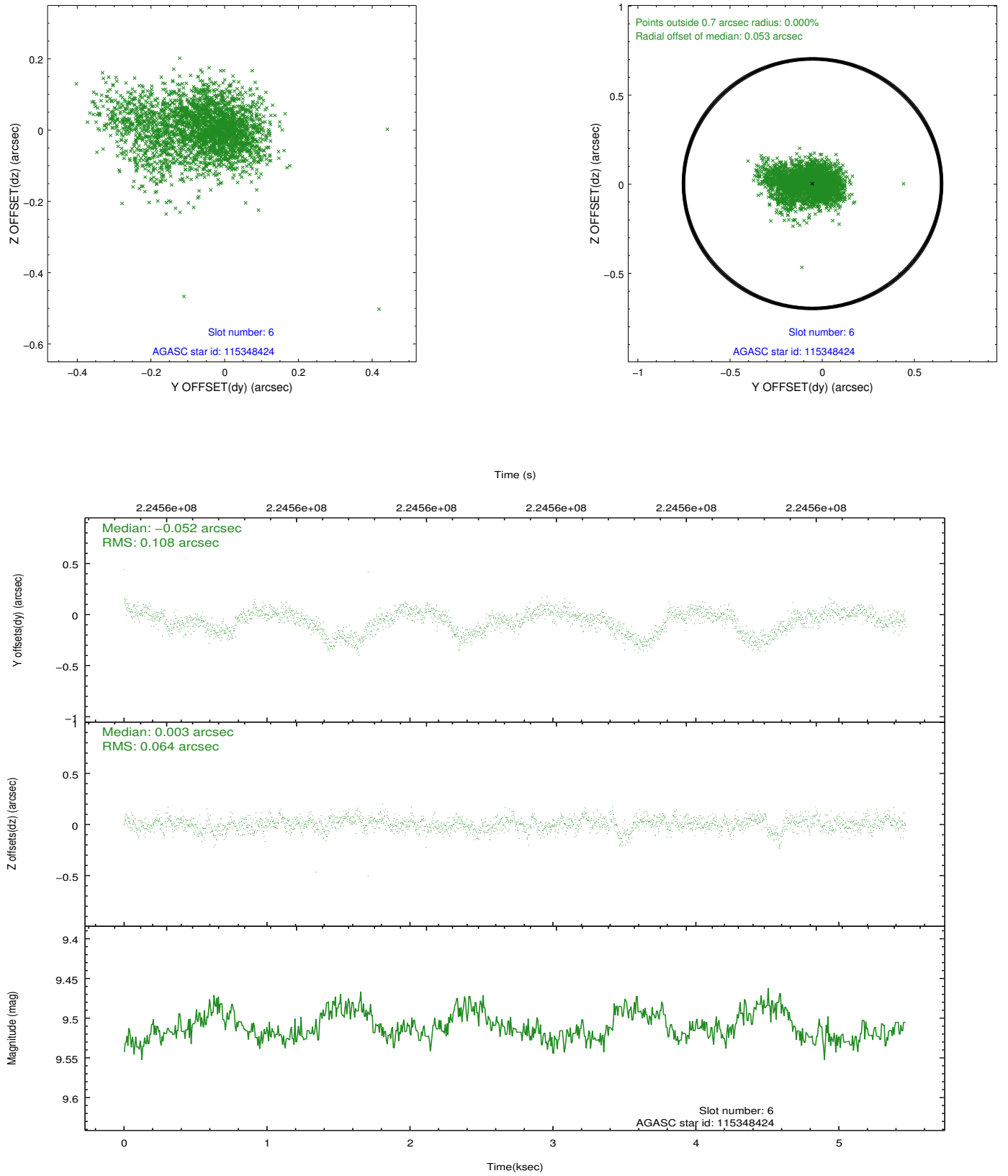
2.4.2 Slot 4



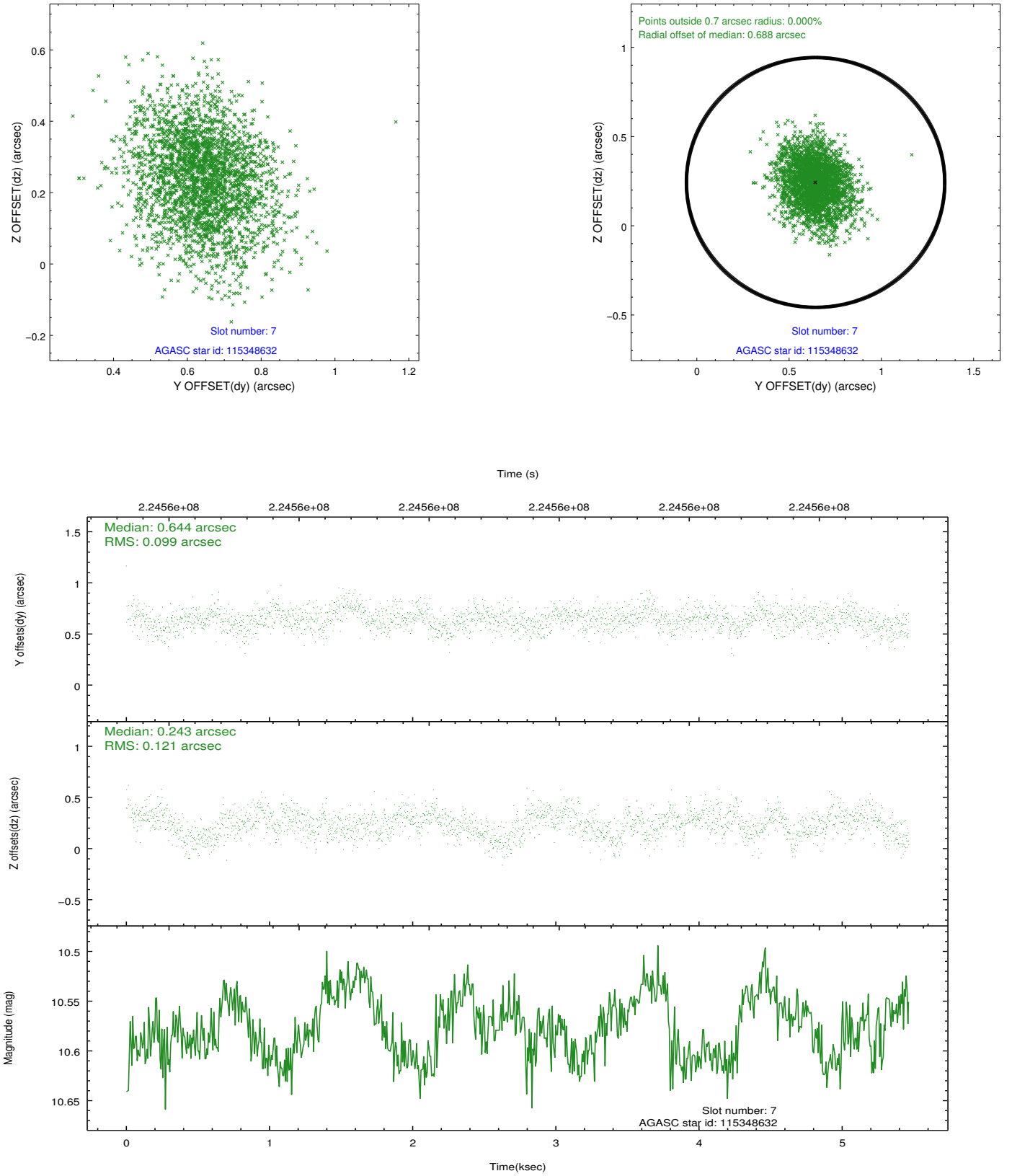
2.4.3 Slot 5



2.4.4 Slot 6

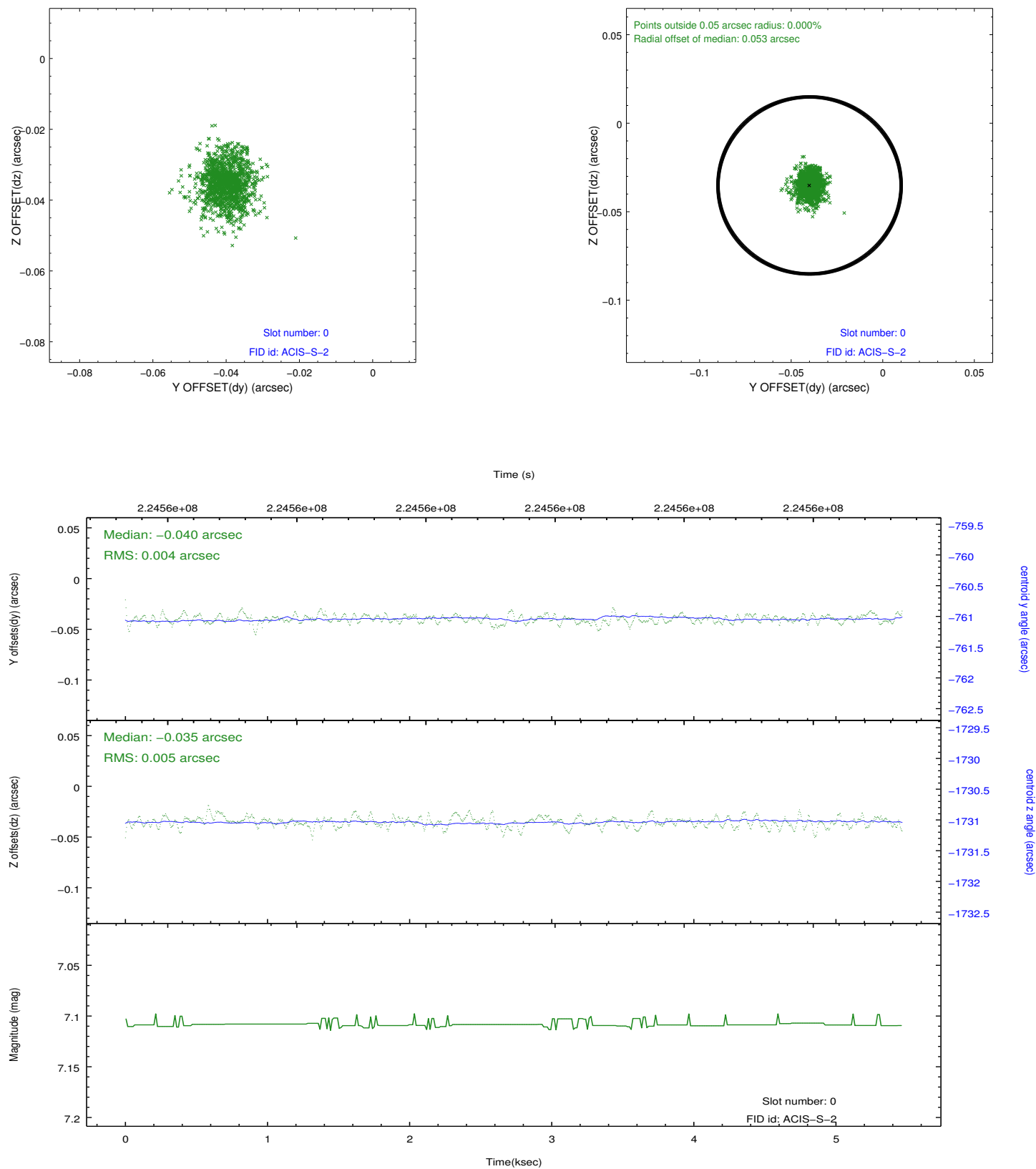


2.4.5 Slot 7

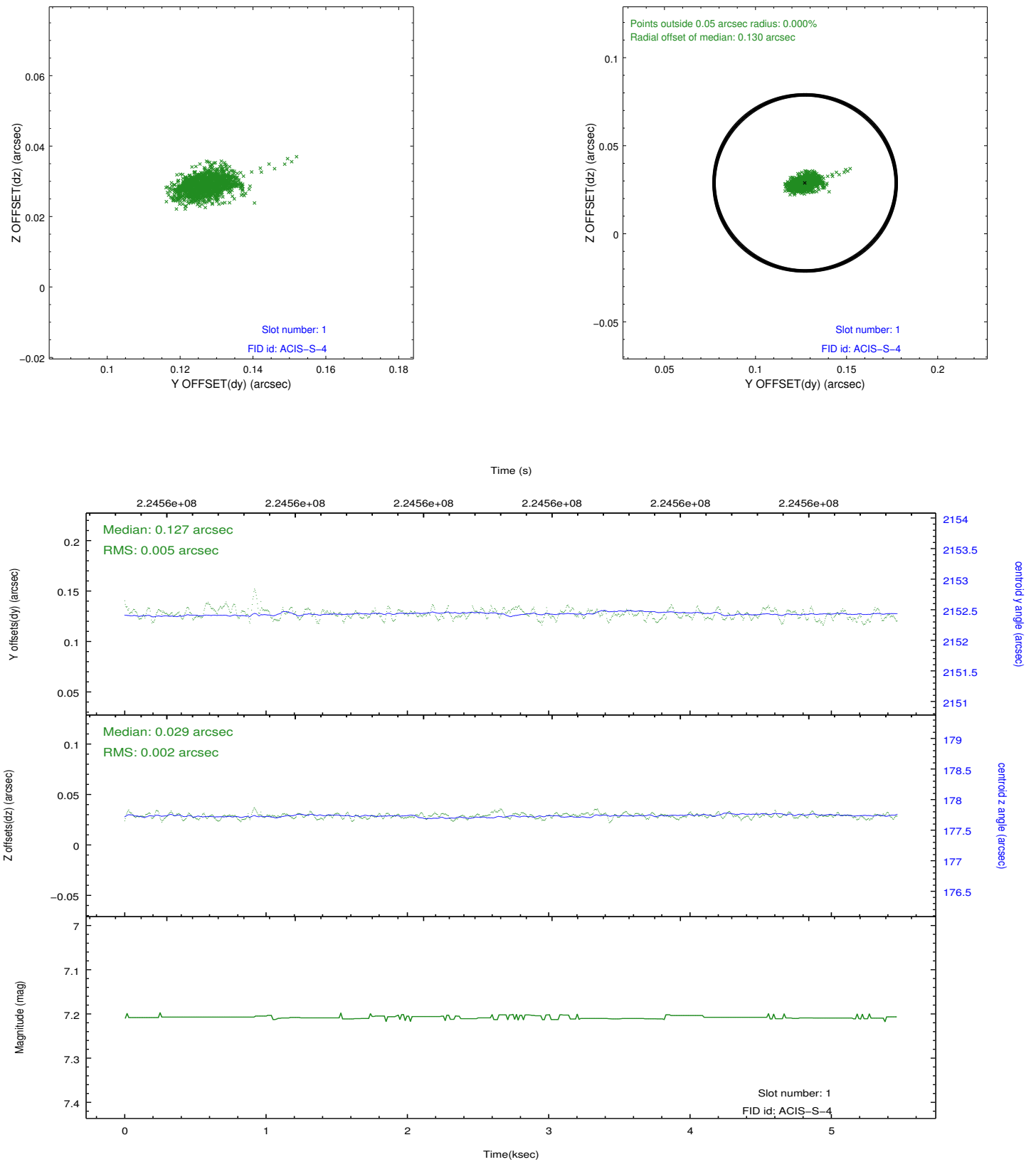


2.5 FID Slots

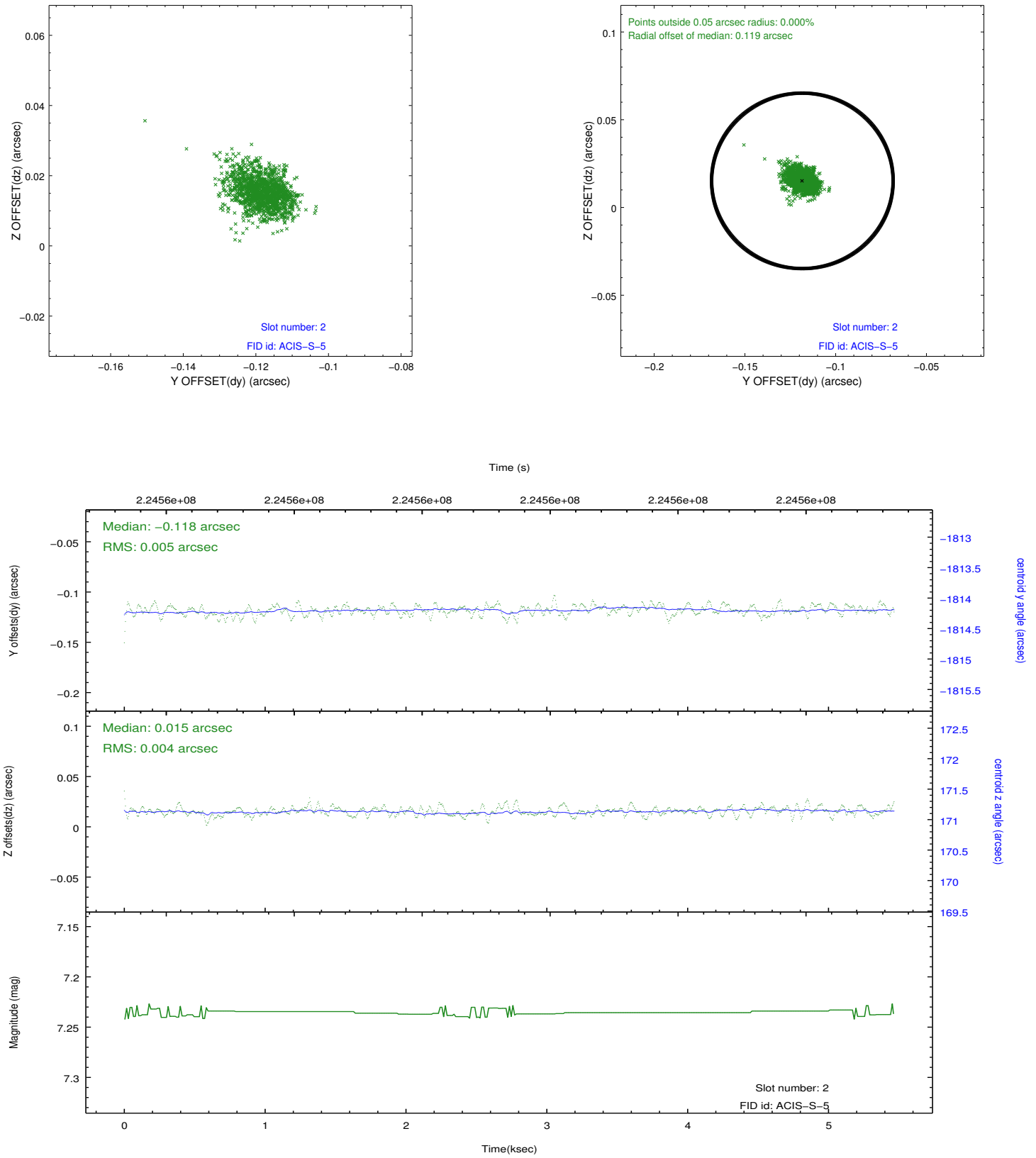
2.5.1 Slot 0



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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.084799

A.2 Comments

Joint Proposal: NOAO