

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3994 - L2 Version 3
Chandra X-Ray Center

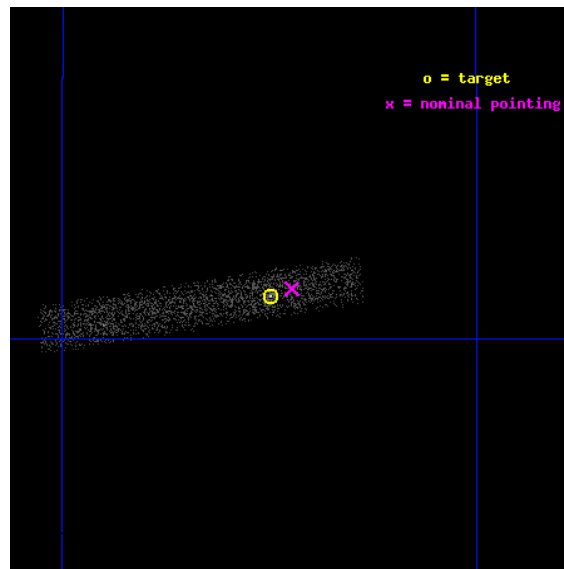
L2 Processing Date : Oct 24 2012

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1 Front

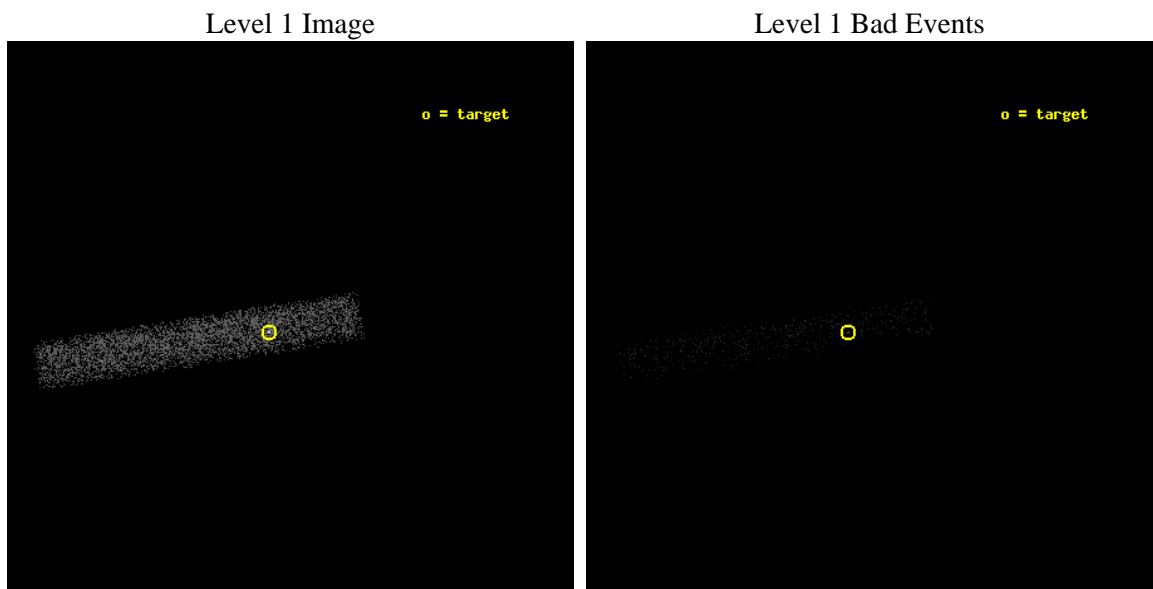
seq_num	700673	Sequence number
obs_id	3994	Observation id
title	AN X-RAY SURVEY OF RADIO-SELECTED LOW-LUMINOSITY AGNS	Proposal tit
observer	Dr. Yuichi Terashima	Principal investigator
object	NGC 4138	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	182.374167	Observer's specified target RA [deg]
dec_targ	43.685194	Observer's specified target Dec [deg]
ra_nom	182.36149019753	Nominal RA [deg]
dec_nom	43.688382258143	Nominal Dec [deg]
roll_nom	171.07825106151	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6130.8000913262	Sum of GTIs [s]
livetime	5560.3120726703	Livetime [s]
ontime7	6130.8000913262	Sum of GTIs [s]
l2events	4130	Number of level 2 events



2 OBI

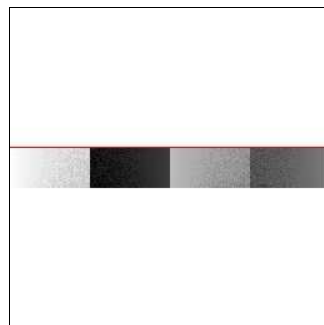
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5298.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6130.8000913262	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	6130.8000913262	Sum of GTIs [s]
date	2012-10-24T18:28:12	Date and time of file creation	l1events	8048	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

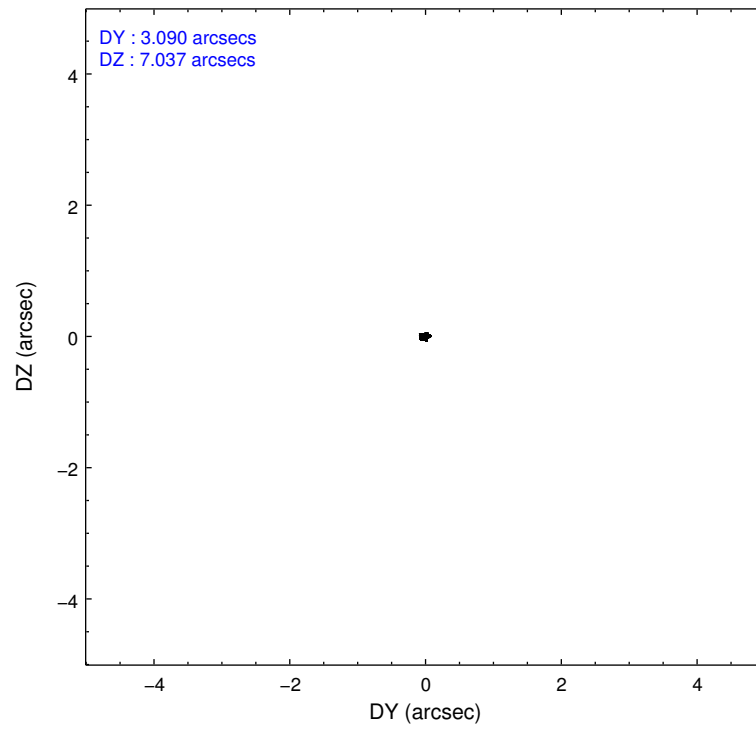
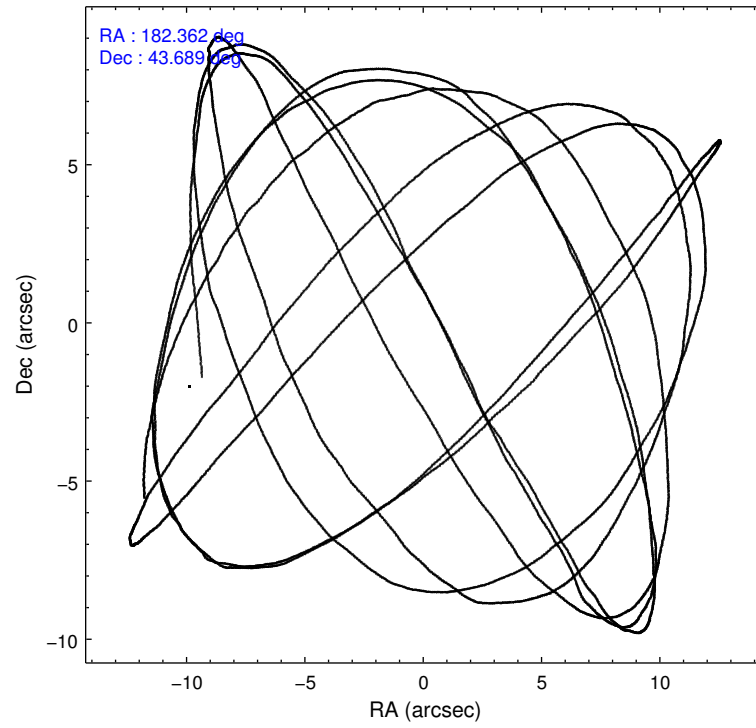
	ccd 7
level 1 events	8048
rejected events	3796
rejected %	47%

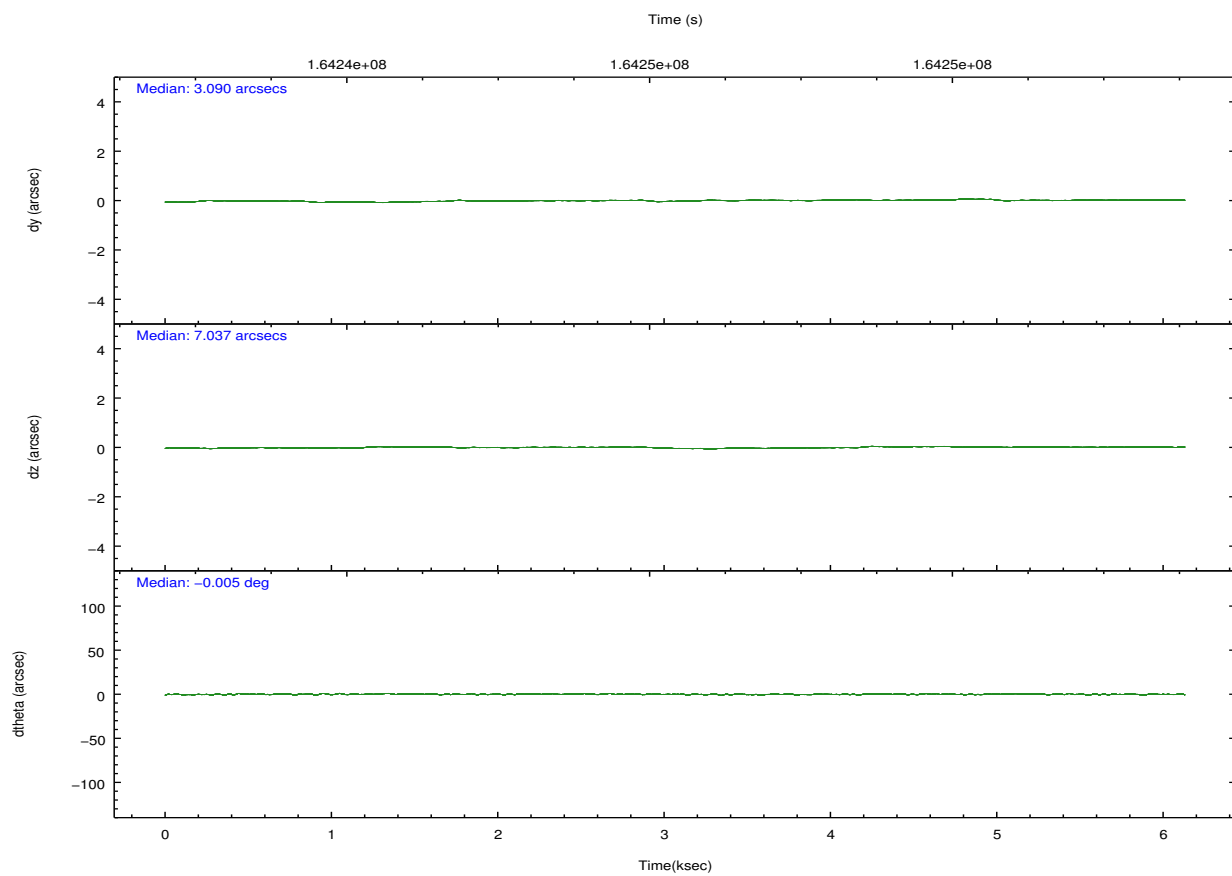
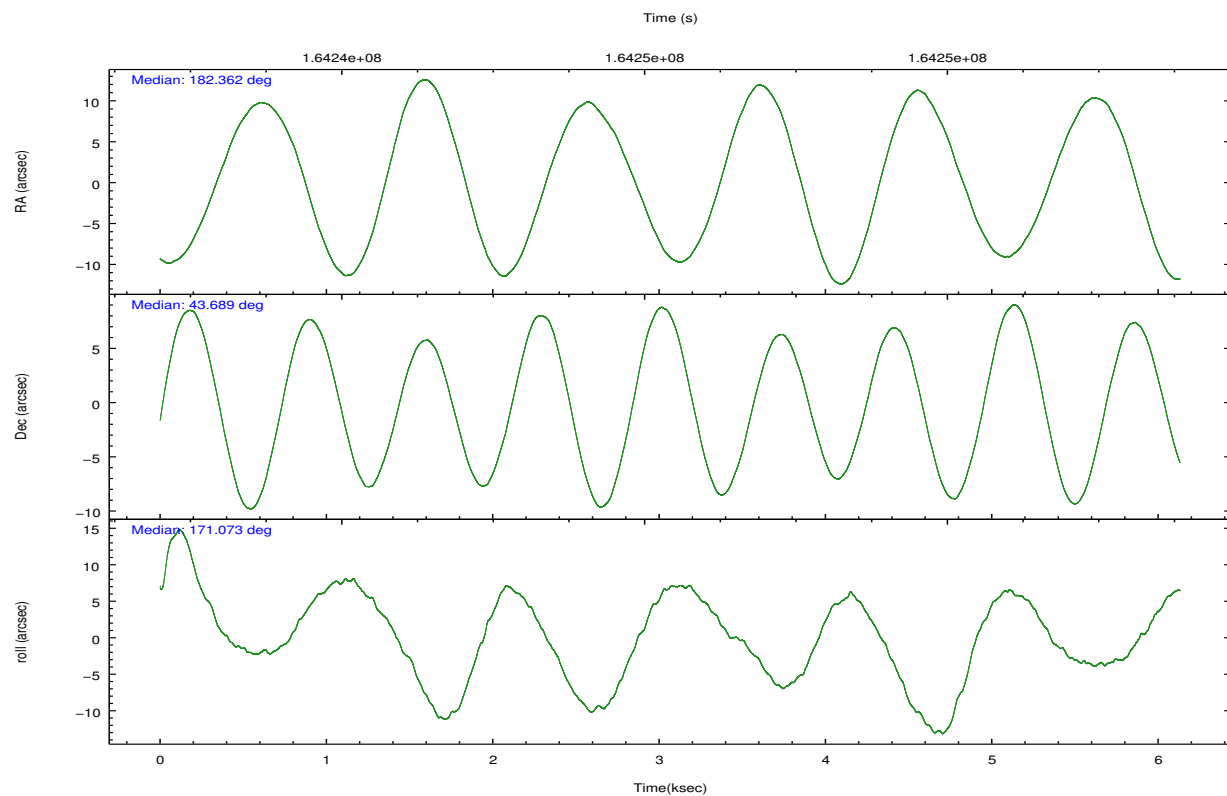
	ccd 7
grade 0 events	587
	7%
grade 1 events	9
	0%
grade 2 events	856
	10%
grade 3 events	550
	6%
grade 4 events	510
	6%
grade 5 events	651
	8%
grade 6 events	1769
	21%
grade 7 events	3116
	38%

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	182.396482	182.3614901975255	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	43.698474	43.68838225814267	Subarray start row	449	449
[deg] Pointing Roll	170.897443	171.0782510615144	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)	164243938.184000	164242650.22656			
Observation start date	2003-03-16T23:17:54	2003-03-16T22:57:30			
[s] Observation end time (MET)	164249236.184000	164250094.28938			
Observation end date	2003-03-17T00:46:12	2003-03-17T01:01:34			
Read mode	TIMED	TIMED			

2.3 Aspect



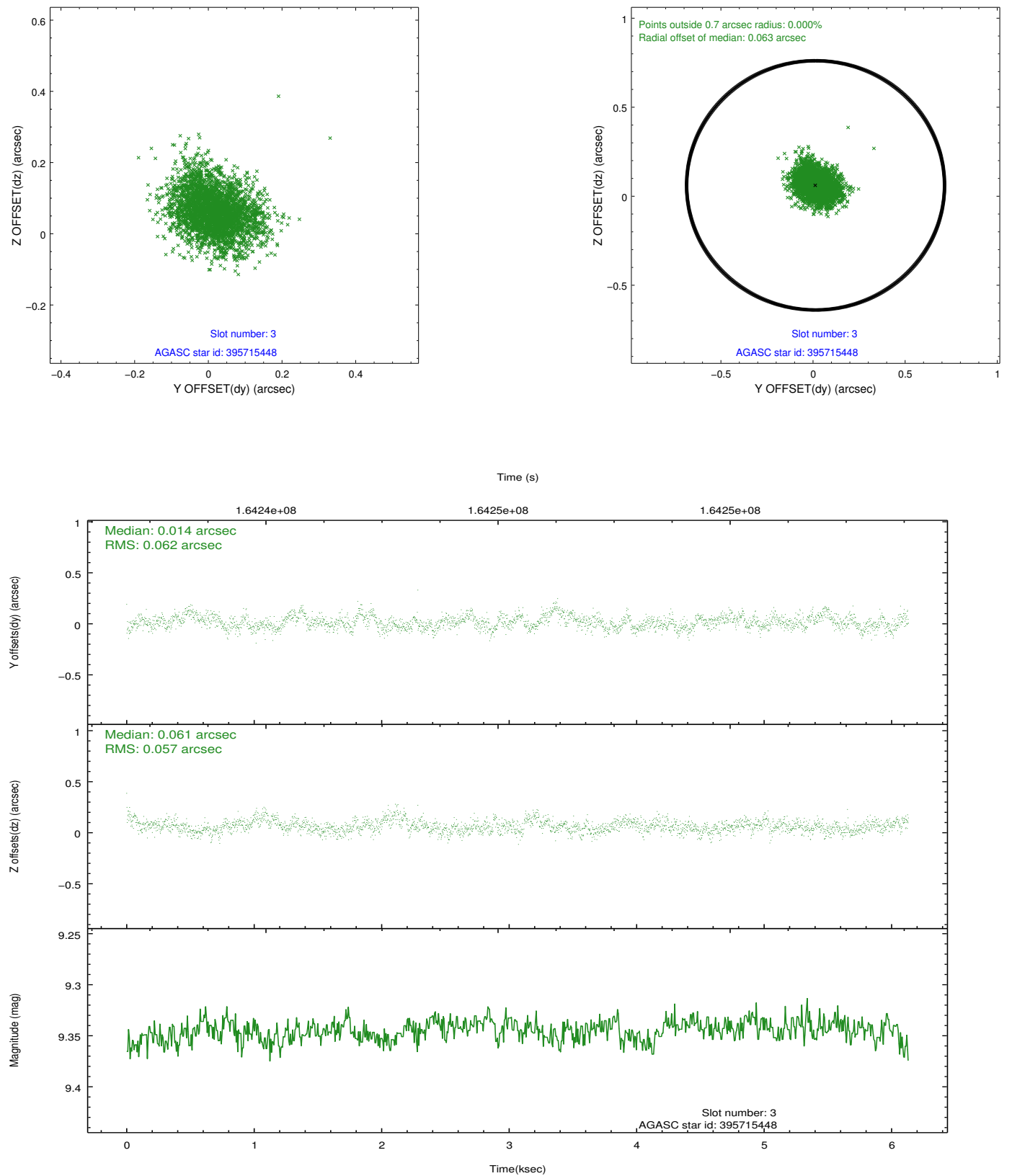


Slot Statistics

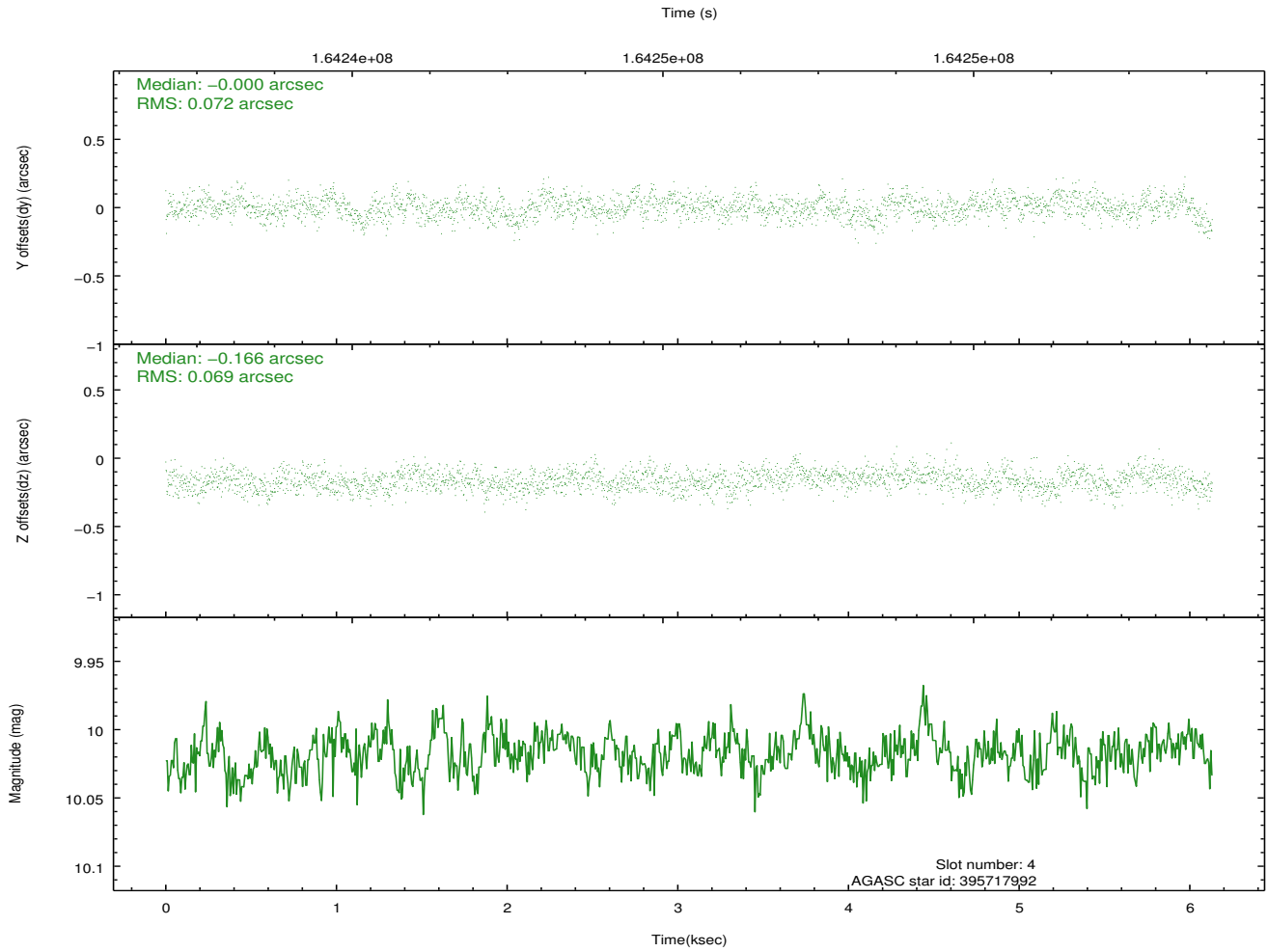
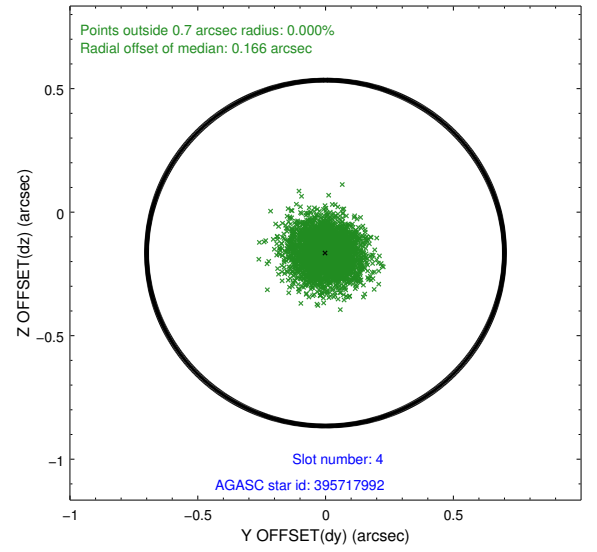
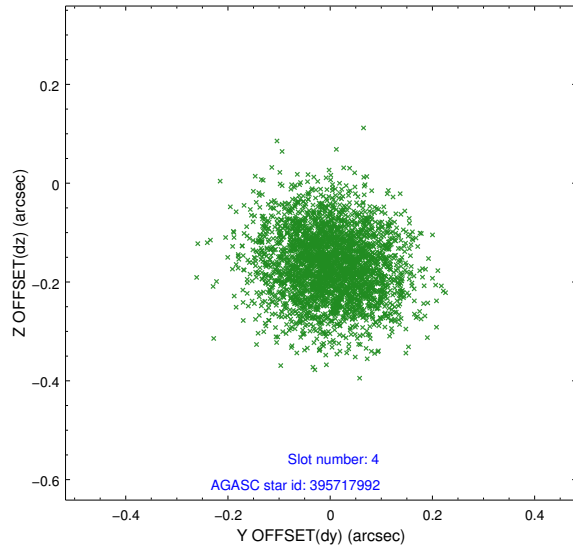
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	1496	-0.028	-0.008	0.007	0.010	0.000000	0.000000	-755.74	-1728.16
1	FID	ACIS-S-4	7.20	1496	0.018	0.016	0.006	0.011	0.000000	0.000000	2157.13	179.38
2	FID	ACIS-S-5	7.24	1496	-0.021	0.001	0.007	0.011	0.000000	0.000000	-1807.35	174.09
3	GUIDE	395715448	9.34	2987	0.014	0.061	0.089	0.146	182.849040	43.704154	-1159.10	-209.27
4	GUIDE	395717992	10.02	2973	-0.000	-0.166	0.107	0.173	182.854455	43.561058	-1256.78	296.47
5	GUIDE	395718992	8.47	2992	0.061	0.098	0.058	0.096	181.388768	43.164808	2310.89	2300.90
6	GUIDE	395720384	10.22	2989	0.005	0.026	0.159	0.284	182.995481	43.714906	-1527.74	-309.45
7	GUIDE	395709808	8.54	2991	-0.084	-0.012	0.086	0.139	182.156296	44.413388	1016.92	-2443.99

2.4 Star Slots

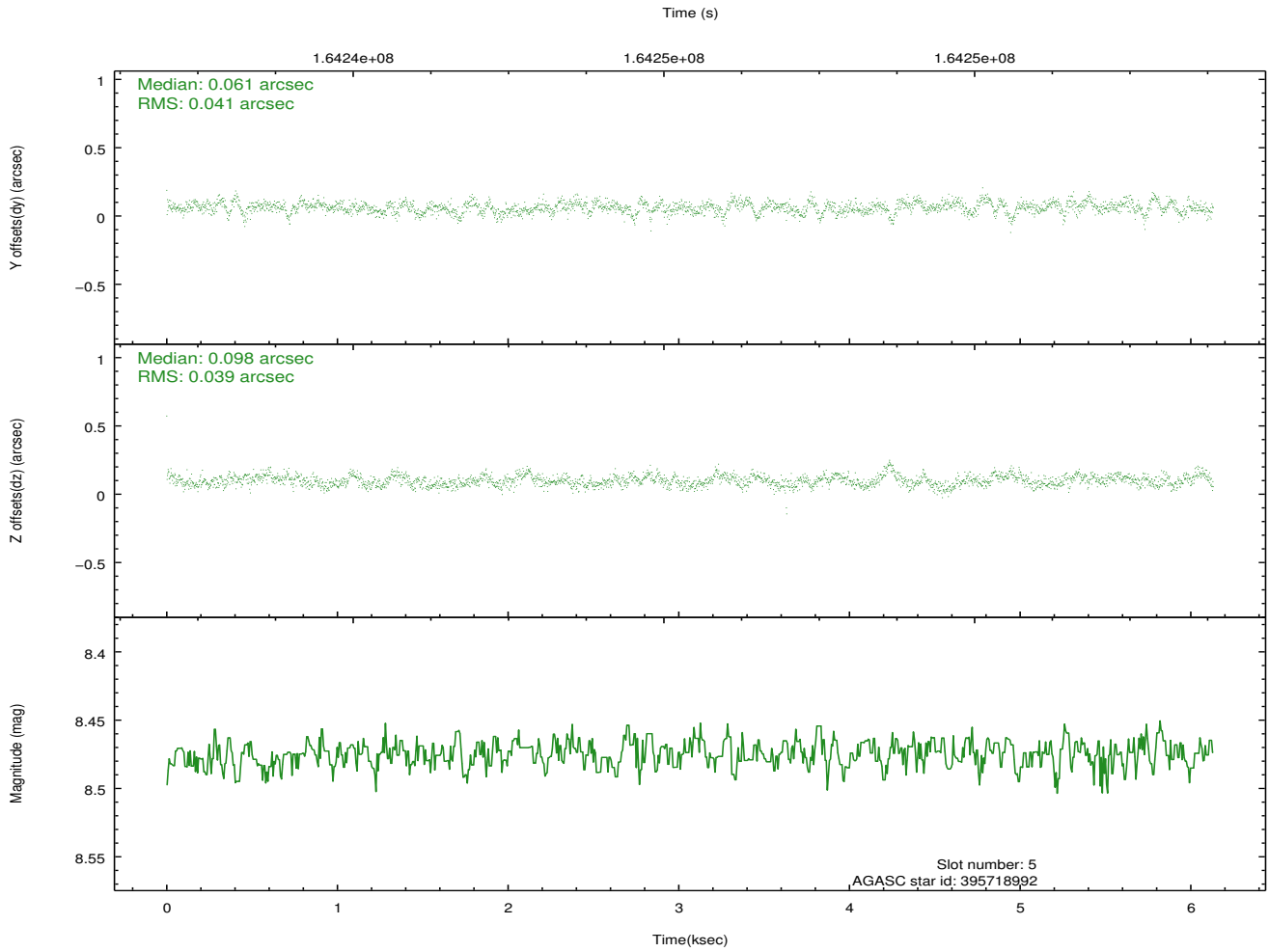
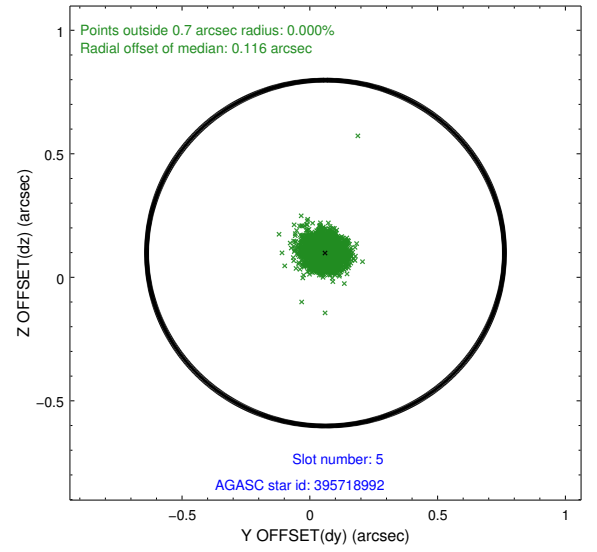
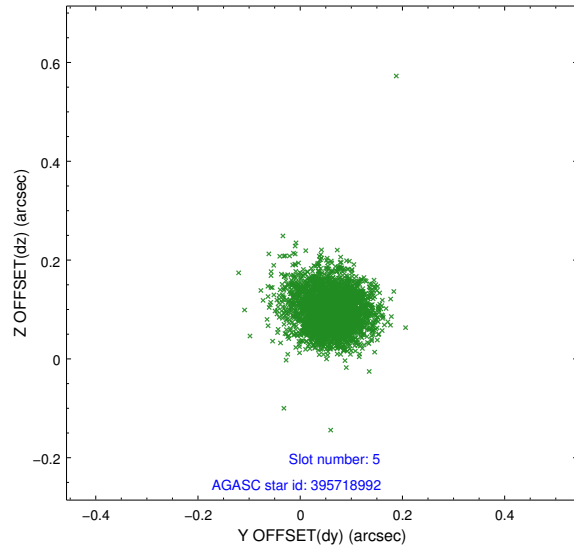
2.4.1 Slot 3



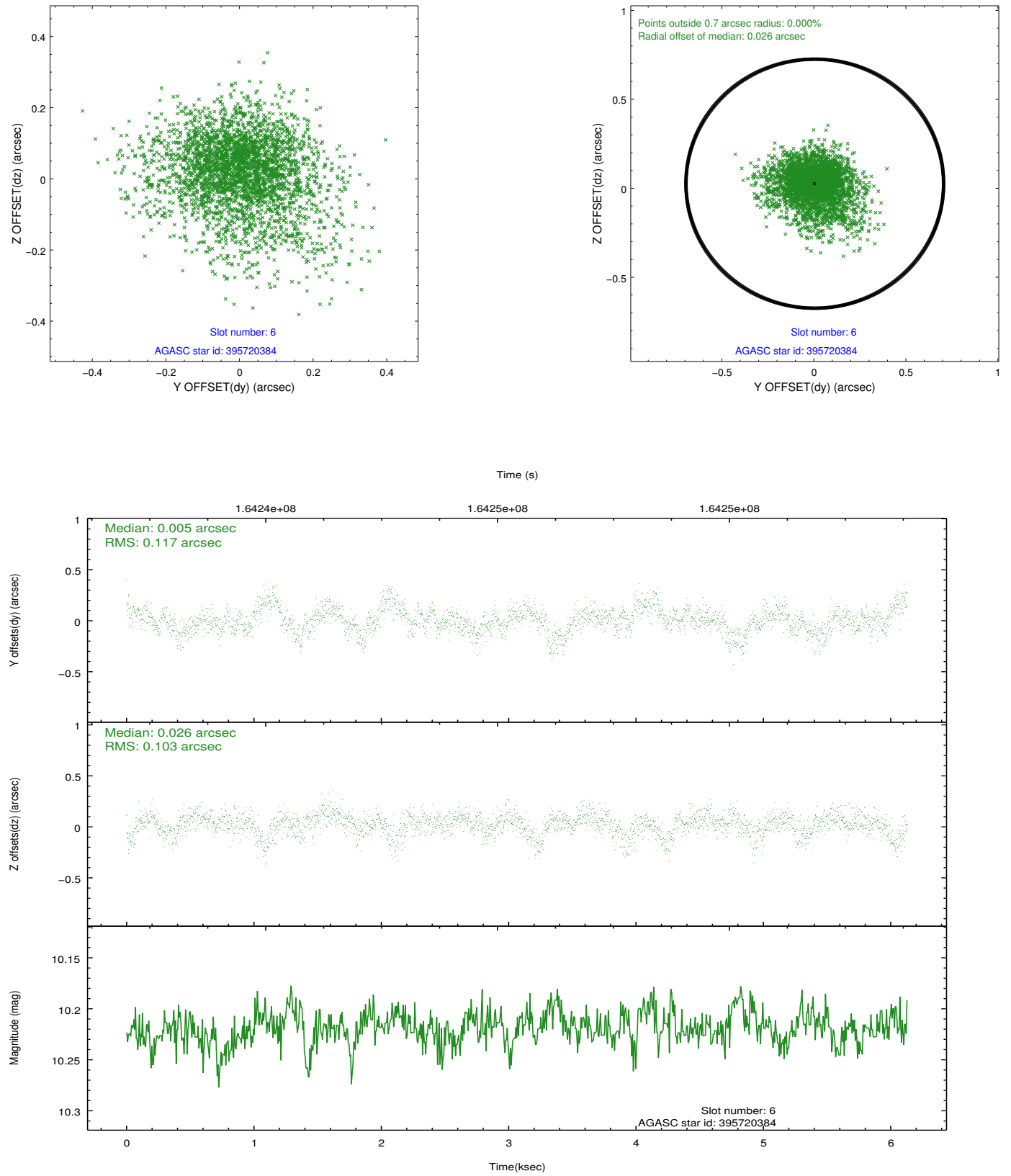
2.4.2 Slot 4



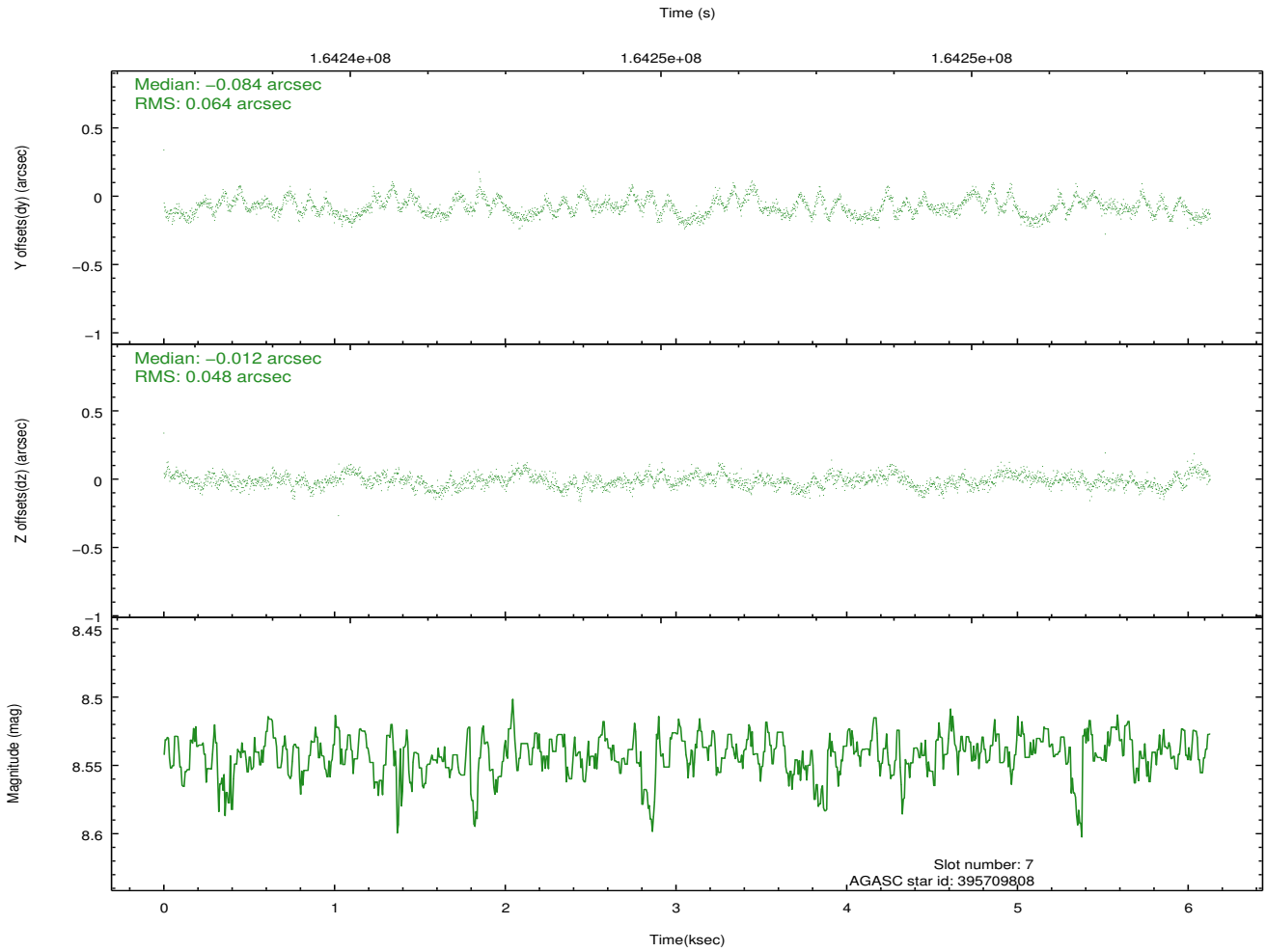
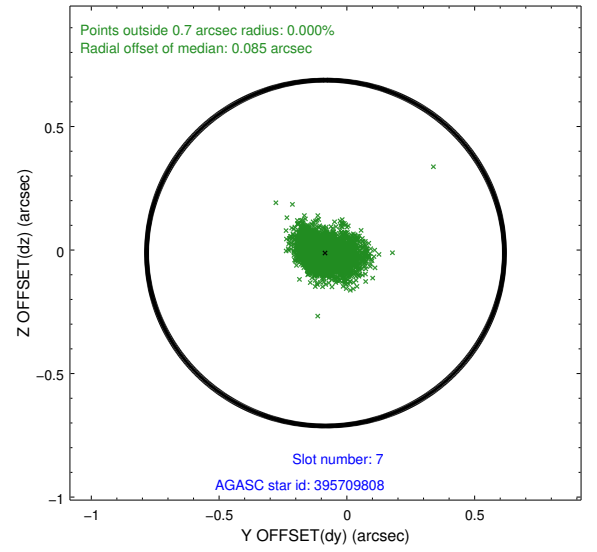
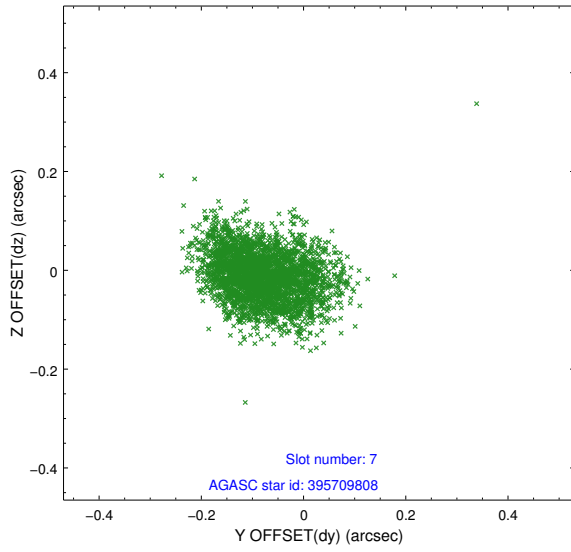
2.4.3 Slot 5



2.4.4 Slot 6

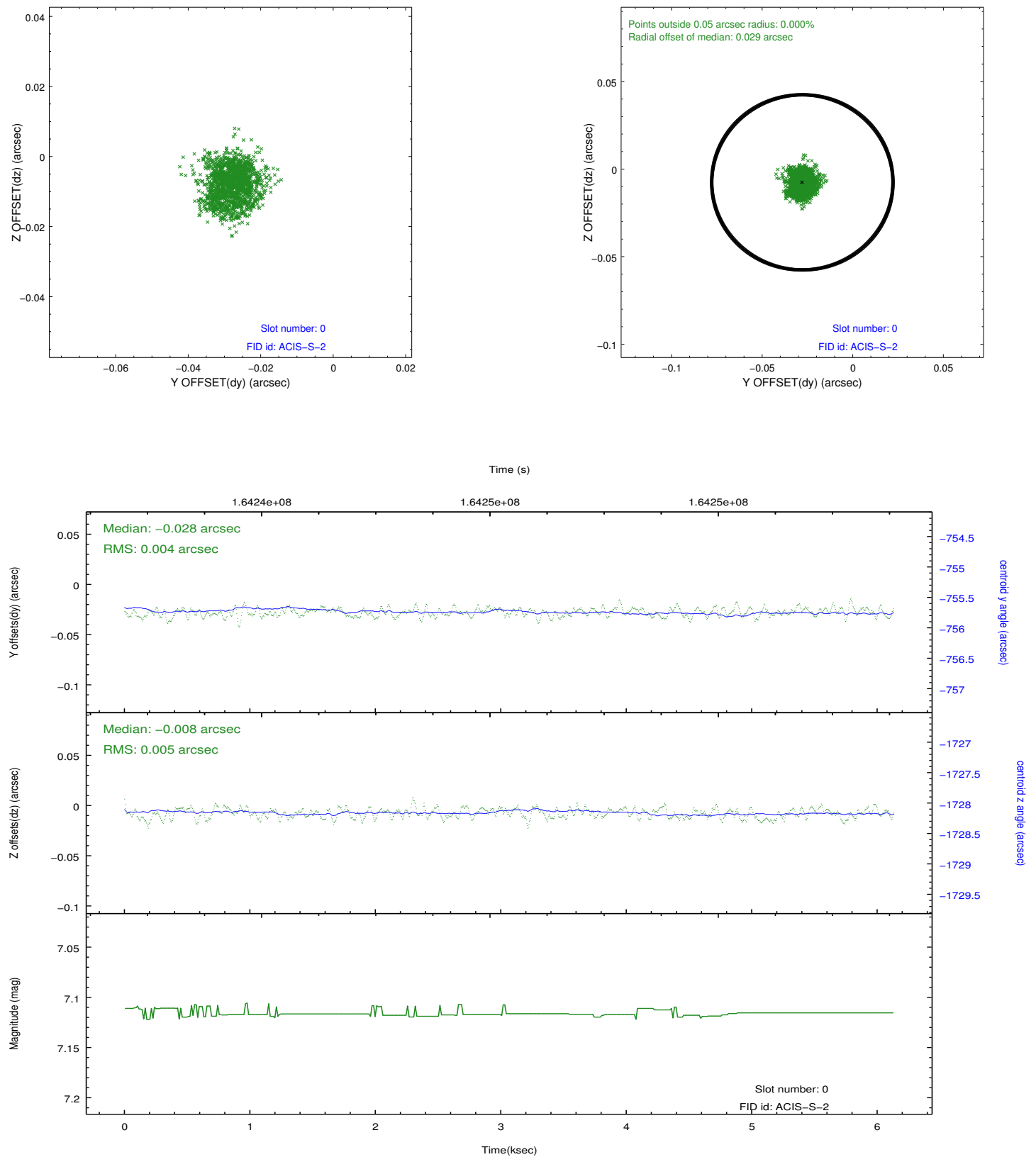


2.4.5 Slot 7

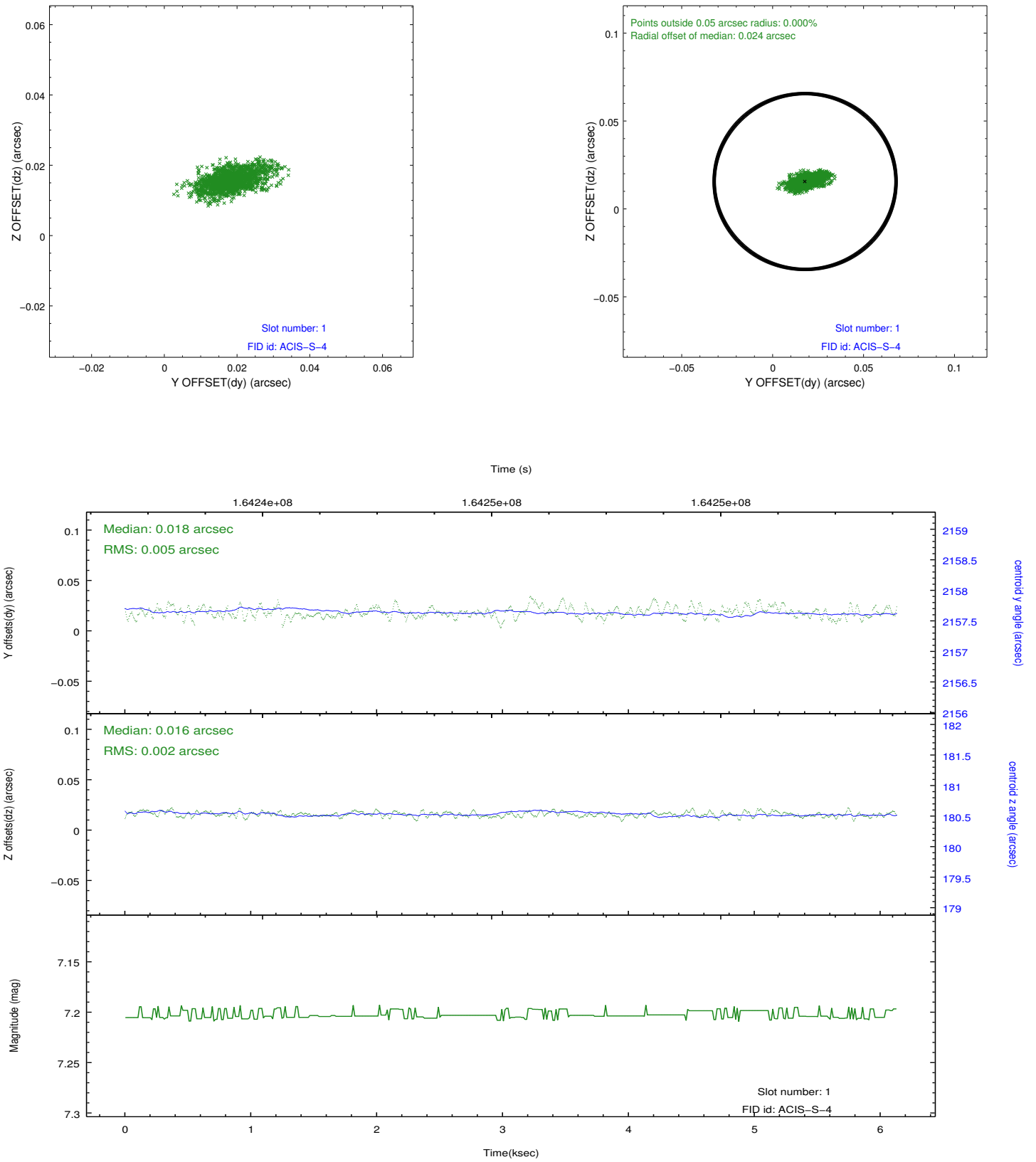


2.5 FID Slots

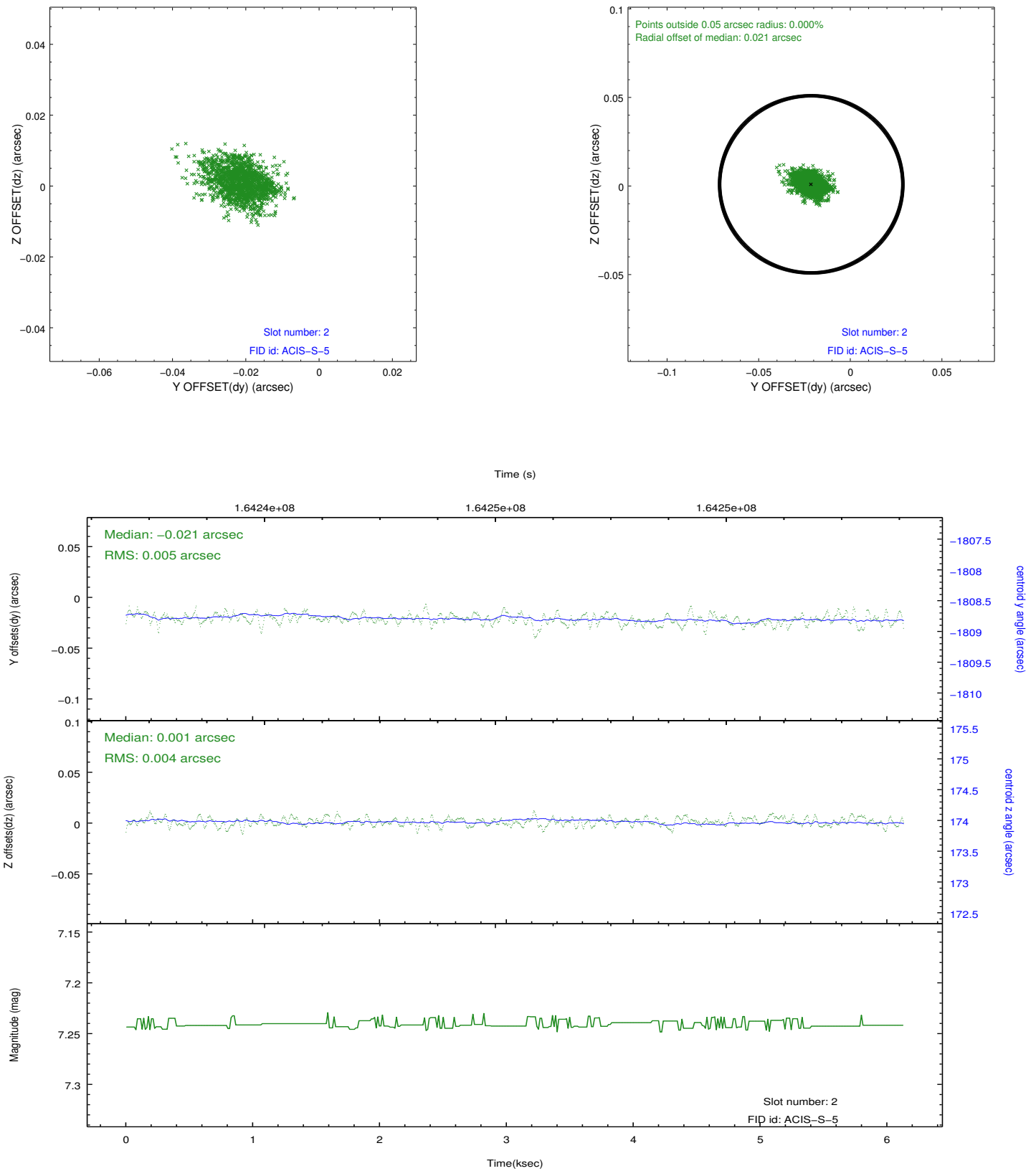
2.5.1 Slot 0



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)	2012.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.13

A.2 Comments