

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11288 - L2 Version 2
Chandra X-Ray Center

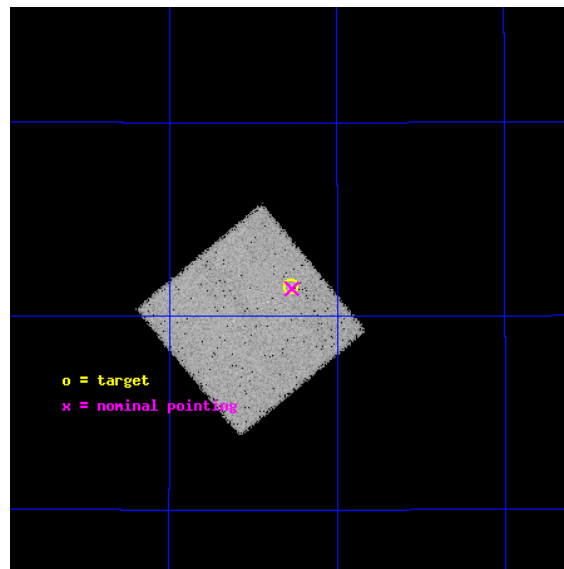
L2 Processing Date : Jun 19 2012

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1 Front

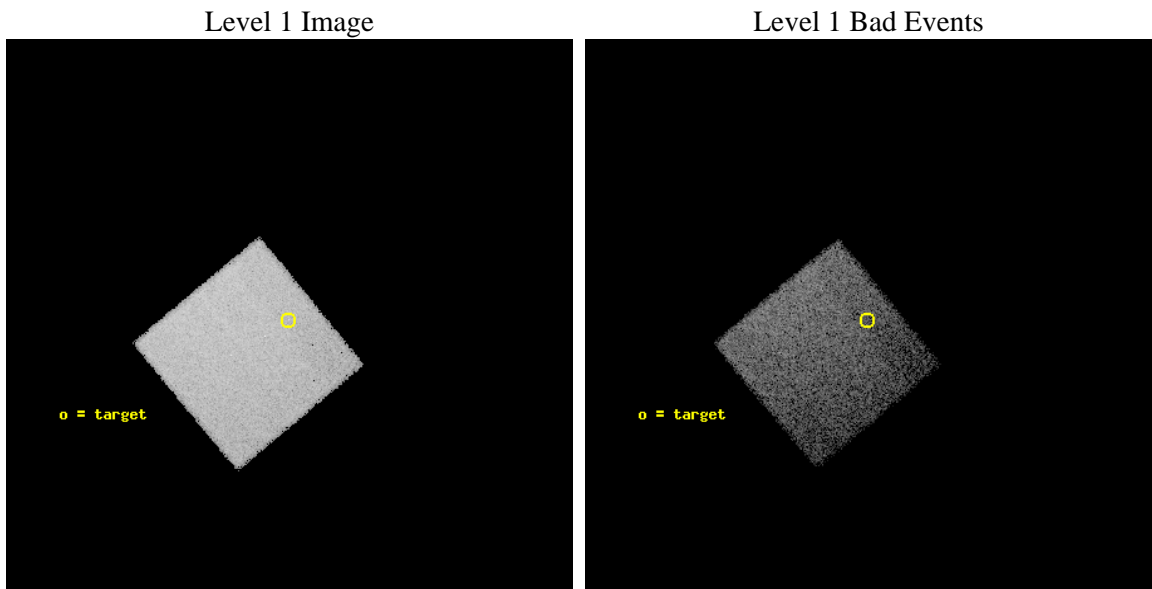
seq_num	600807	Sequence number
obs_id	11288	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	SBS 0940+544	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.069167	Observer's specified target RA [deg]
dec_targ	54.192861	Observer's specified target Dec [deg]
ra_nom	146.06749952503	Nominal RA [deg]
dec_nom	54.190328982299	Nominal Dec [deg]
roll_nom	140.34773206259	Nominal Roll [deg]
revision	2	Processing version of data
ontime	17058.0	Sum of GTIs [s]
livetime	16827.795754084	Livetime [s]
ontime7	17058.0	Sum of GTIs [s]
l2events	76230	Number of level 2 events



2 OBI

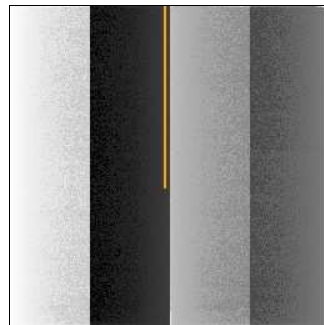
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	16930.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	17058.0	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	17058.0	Sum of GTIs [s]
date	2012-06-19T22:12:51	Date and time of file creation	l1events	181643	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

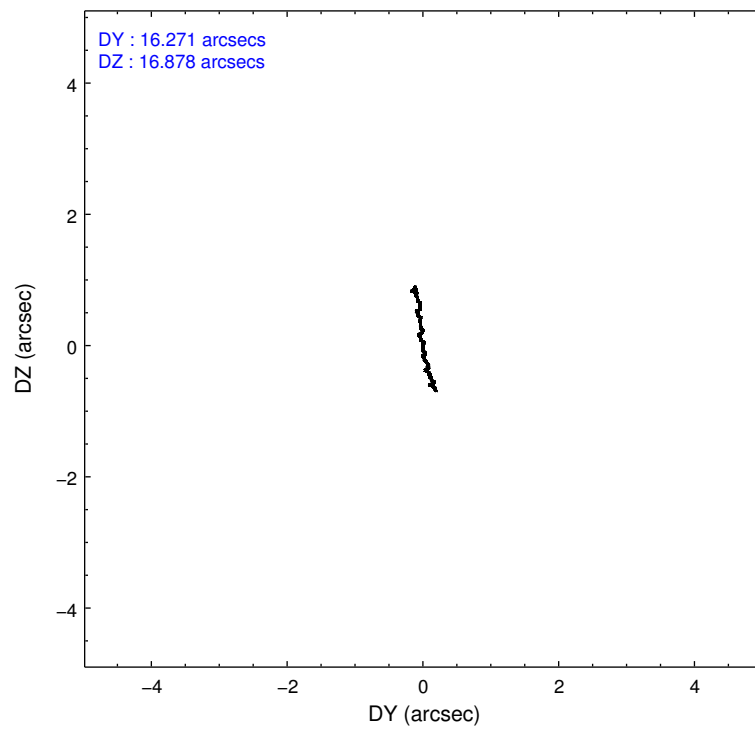
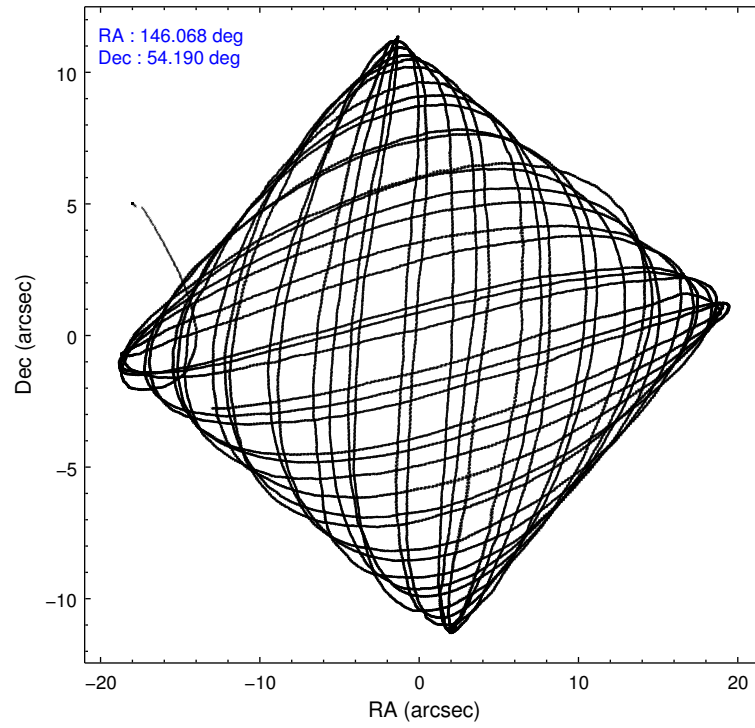
	ccd 7
level 1 events	181643
rejected events	103217
rejected %	56%

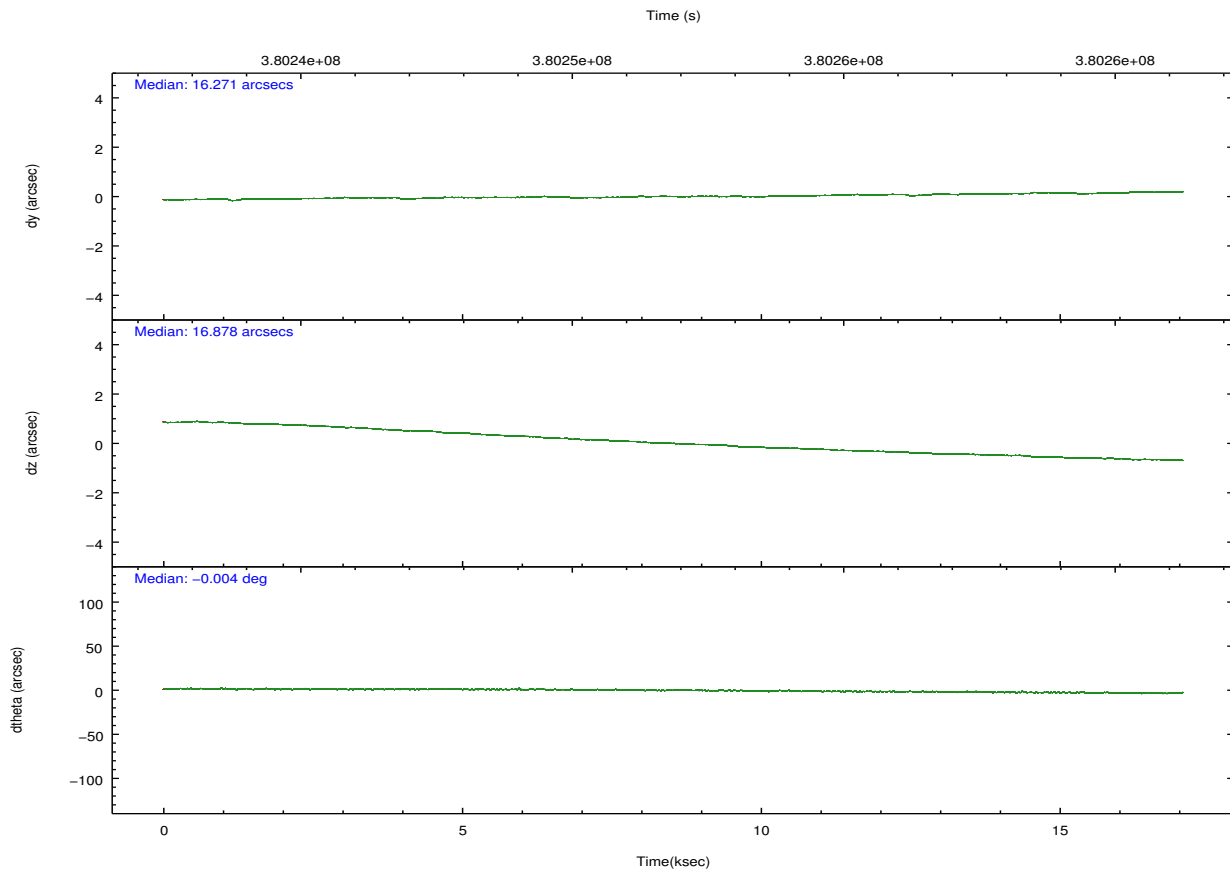
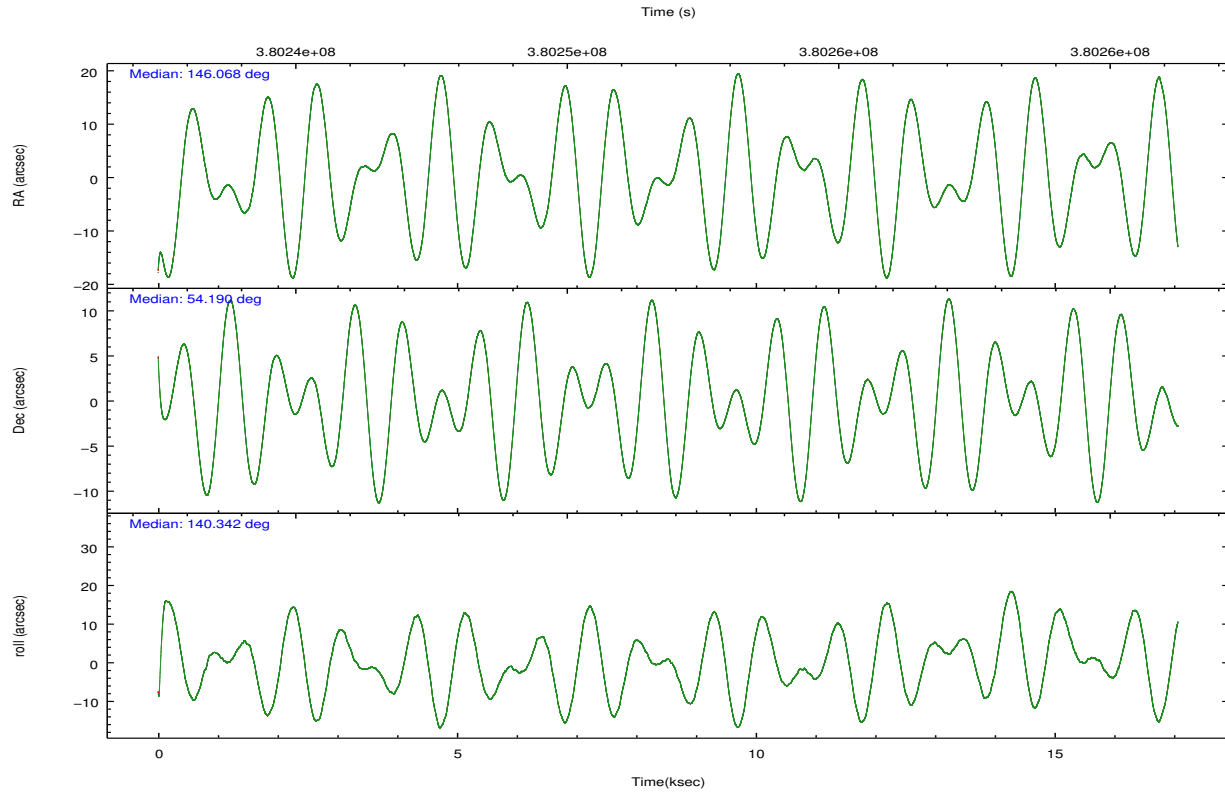
	ccd 7
grade 0 events	7713
	4%
grade 1 events	214
	0%
grade 2 events	17000
	9%
grade 3 events	7735
	4%
grade 4 events	7510
	4%
grade 5 events	19092
	10%
grade 6 events	43385
	23%
grade 7 events	78994
	43%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	146.113699	146.0674995250264	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.186117	54.19032898229912	Alternating exposures requested	N	N
[deg] Pointing Roll	140.153651	140.3477320625914	[s] Primary exposure time	0.000000	3
[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)	380243452.184000	380242213.39014			
Observation start date	2010-01-18T23:09:46	2010-01-18T22:50:13			
[s] Observation end time (MET)	380260382.184000	380260518.35357			
Observation end date	2010-01-19T03:51:56	2010-01-19T03:55:18			
Read mode	TIMED	TIMED			

2.3 Aspect



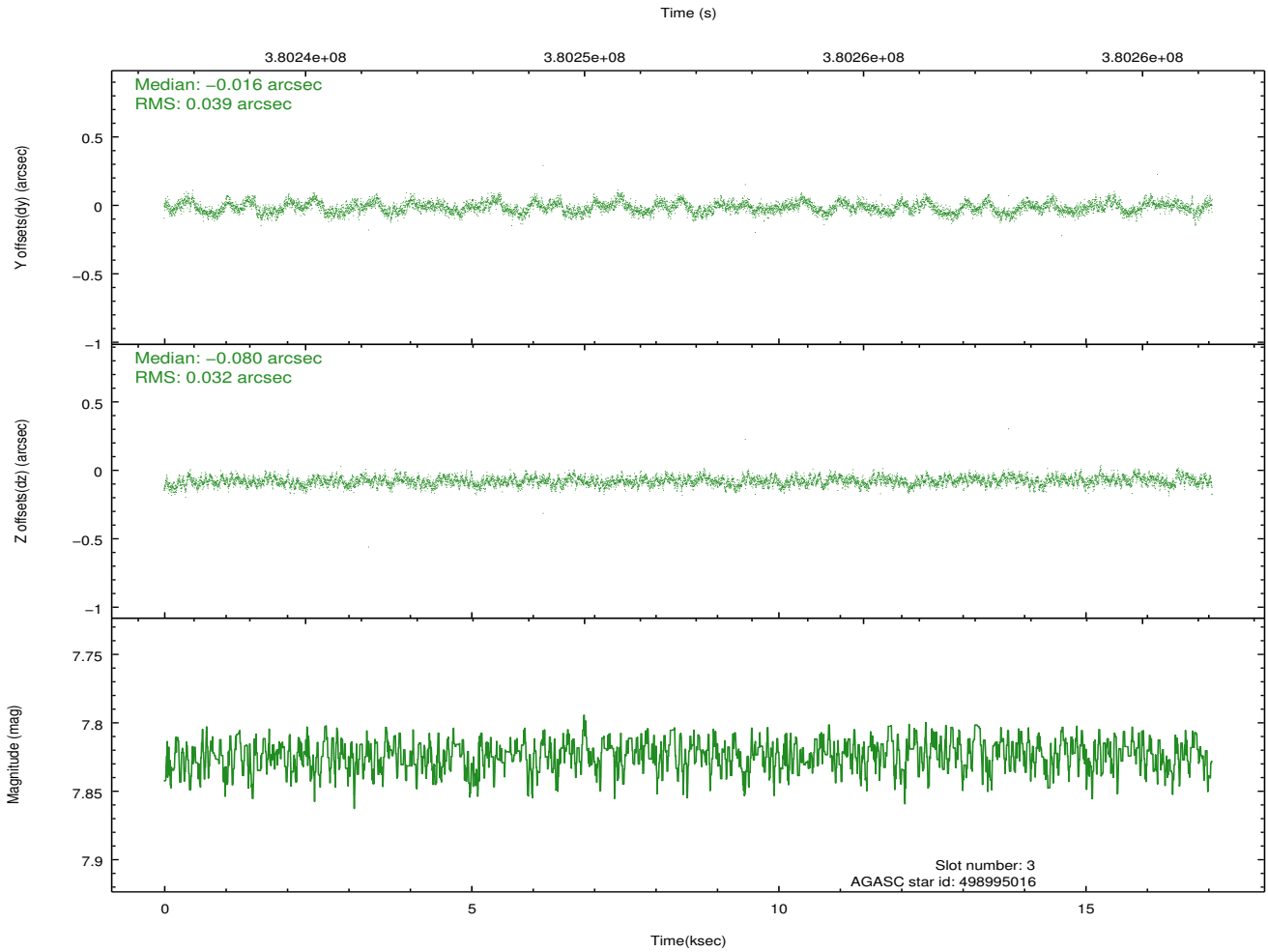
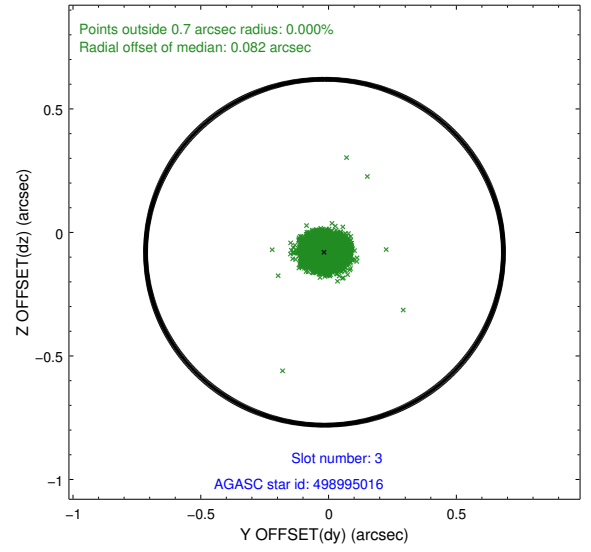
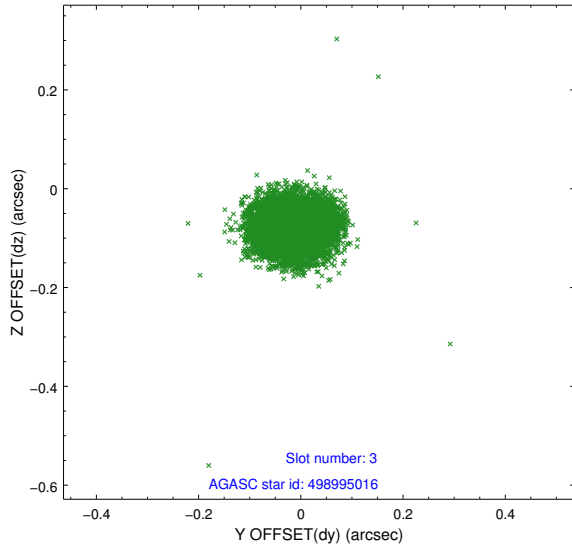


Slot Statistics

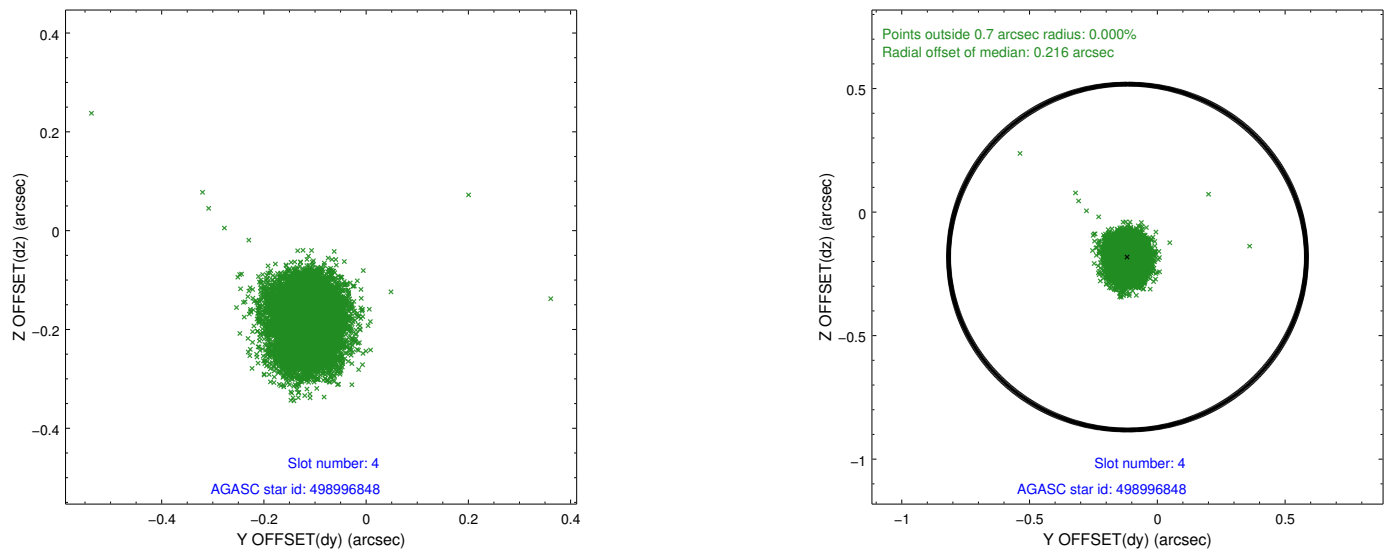
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	4163	0.058	-0.076	0.017	0.035	0.000000	0.000000	926.78	-1734.08
1	FID	ACIS-S-4	6.97	4163	0.097	0.031	0.018	0.031	0.000000	0.000000	2144.38	169.91
2	FID	ACIS-S-5	7.00	4163	-0.183	0.058	0.006	0.010	0.000000	0.000000	-1822.00	163.86
3	GUIDE	498995016	7.82	8320	-0.016	-0.080	0.054	0.085	146.032802	53.766768	-835.12	1269.31
4	GUIDE	498996848	8.16	8321	-0.117	-0.182	0.067	0.104	145.268736	53.915733	758.36	1887.25
5	GUIDE	499915672	9.39	8312	0.092	0.121	0.118	0.184	146.937005	54.495310	-601.81	-1963.74
6	GUIDE	499916104	7.75	8321	0.020	0.027	0.069	0.106	147.143721	54.264909	-1470.29	-1617.13
7	GUIDE	499920952	7.87	8322	0.018	0.119	0.064	0.100	147.224445	53.940521	-2362.08	-843.36

2.4 Star Slots

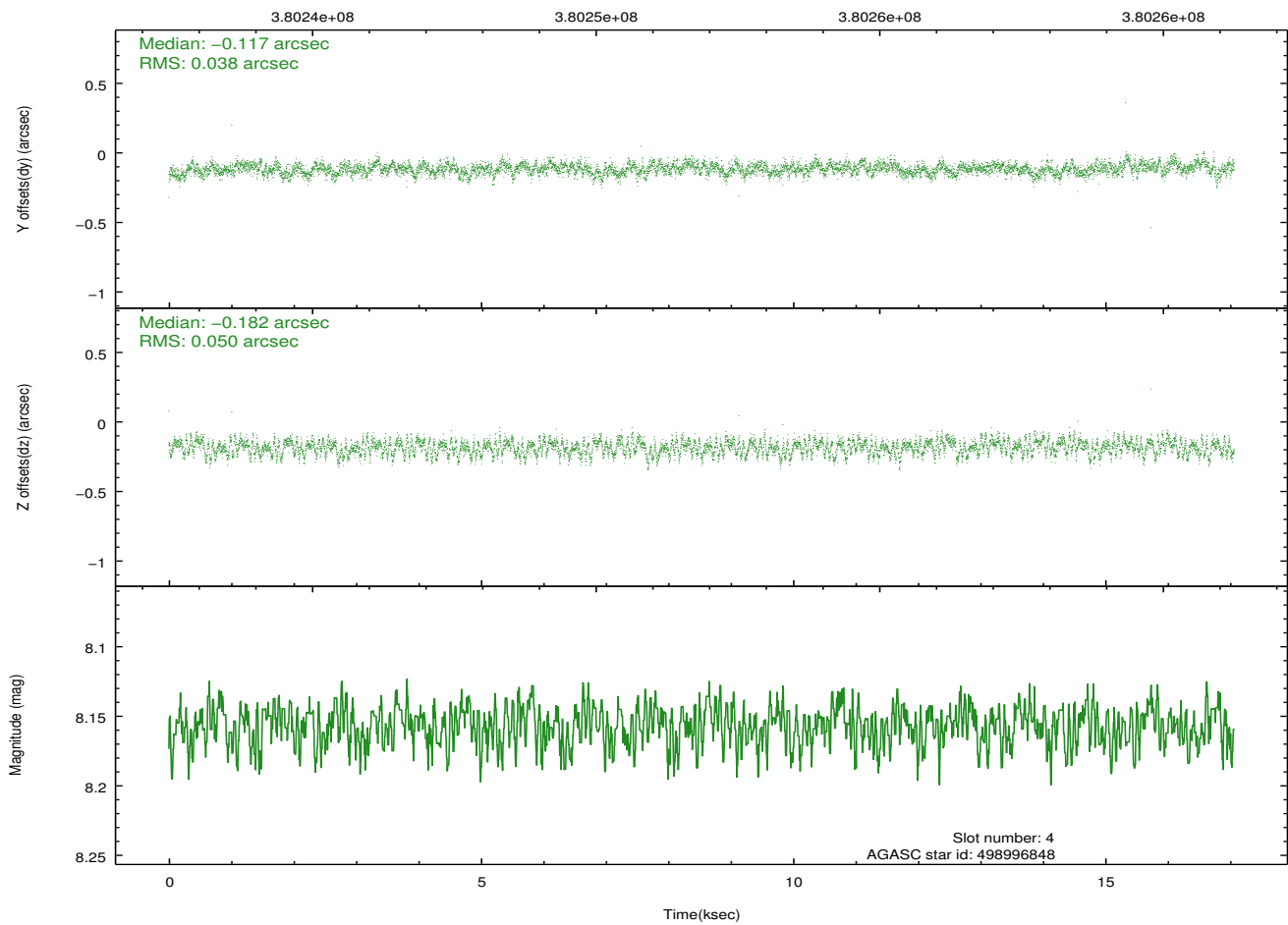
2.4.1 Slot 3



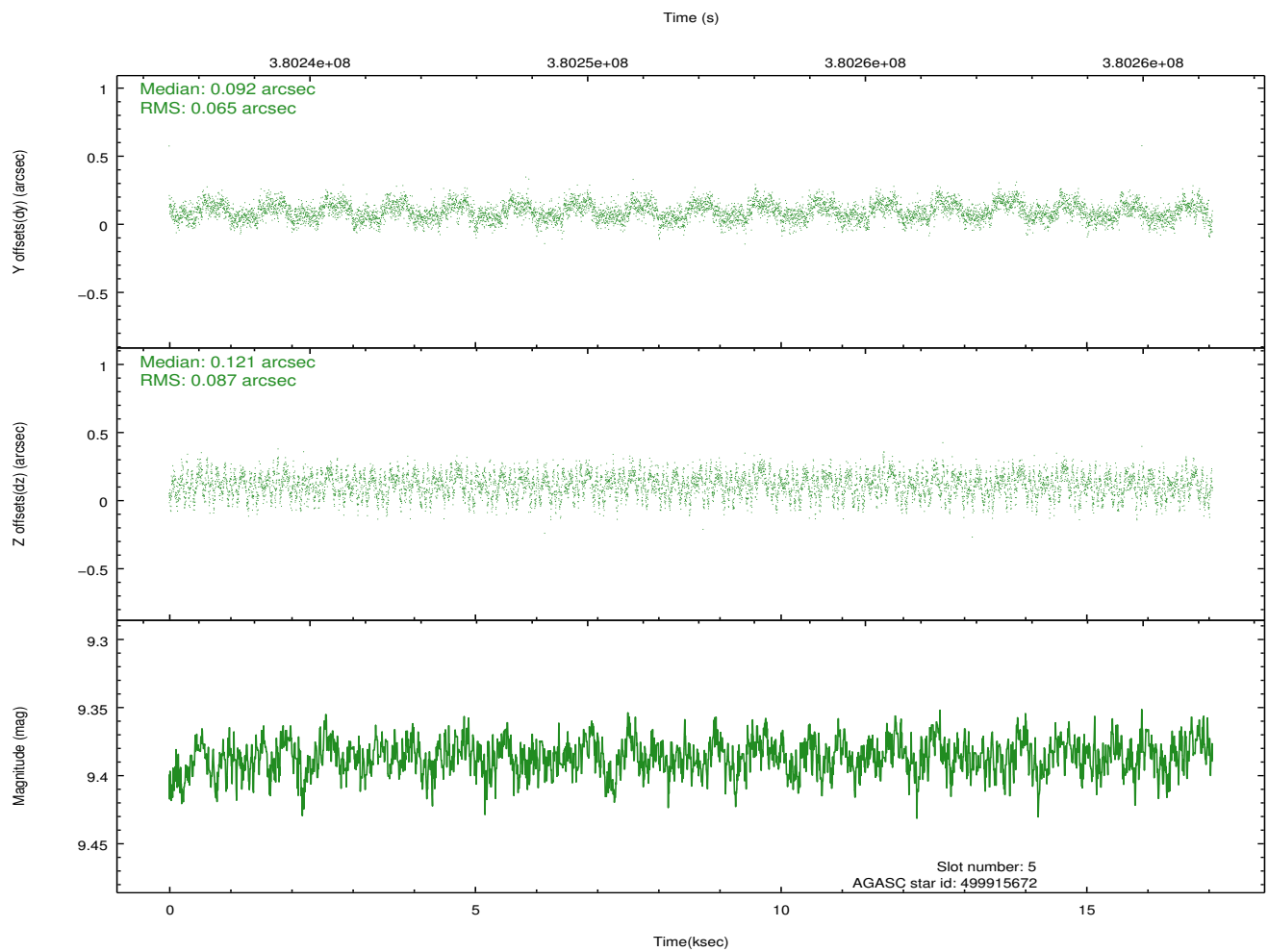
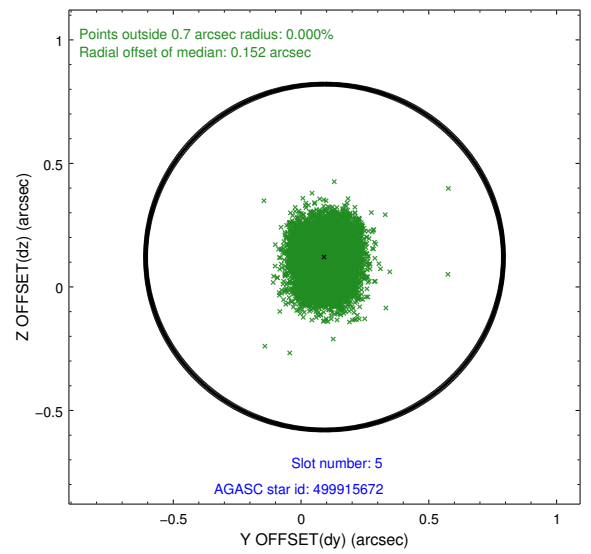
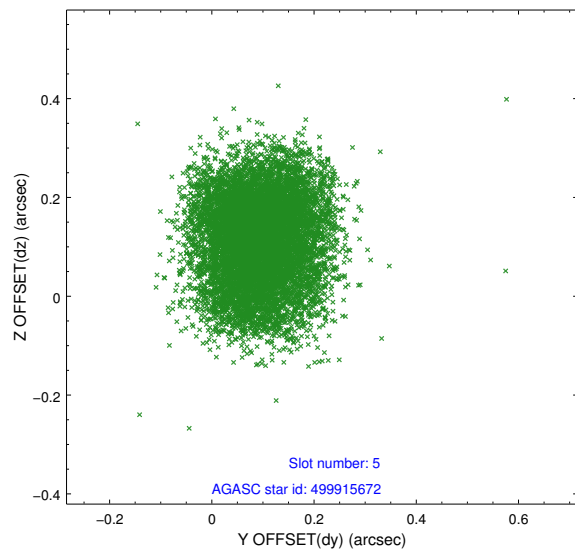
2.4.2 Slot 4



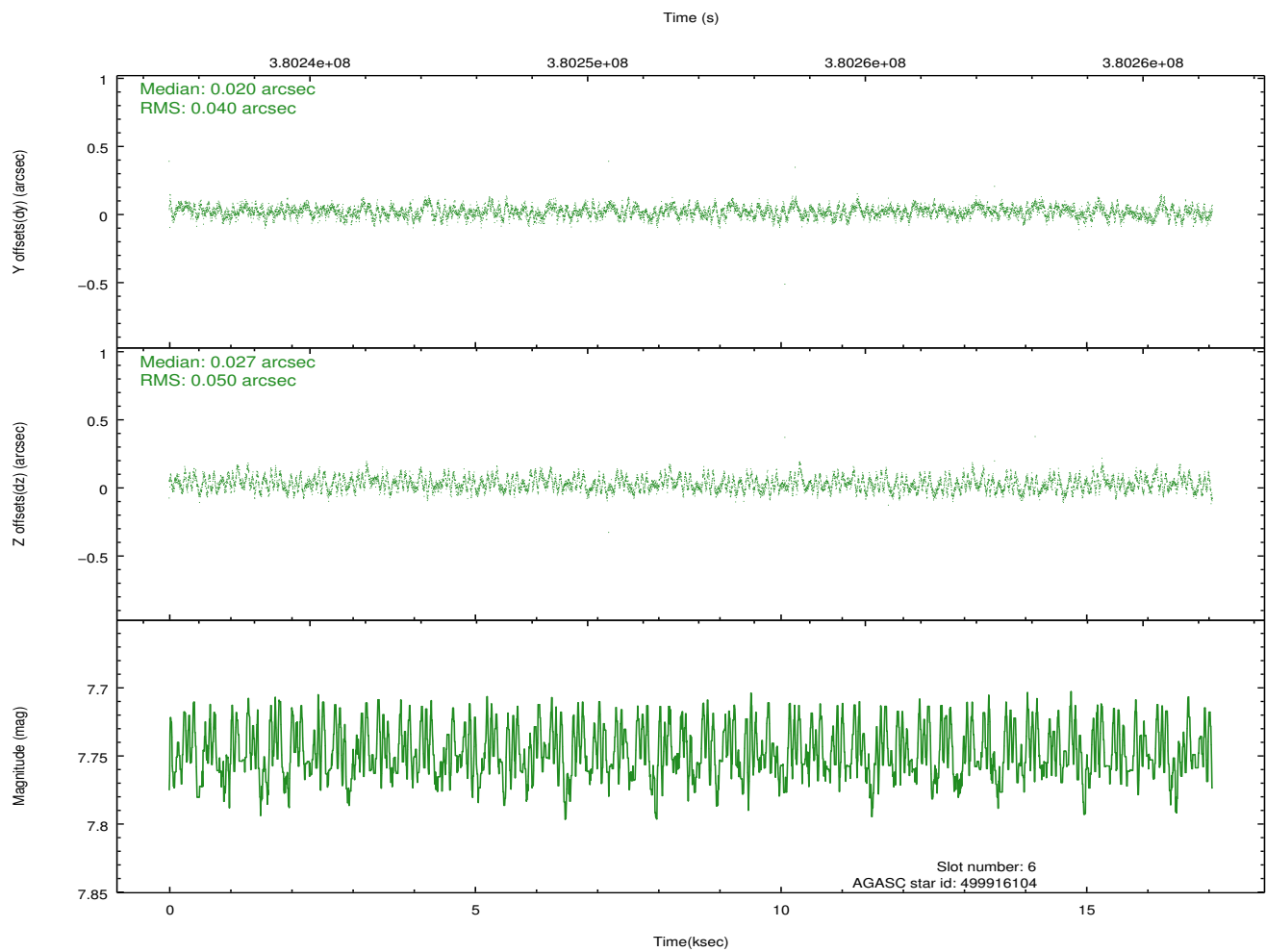
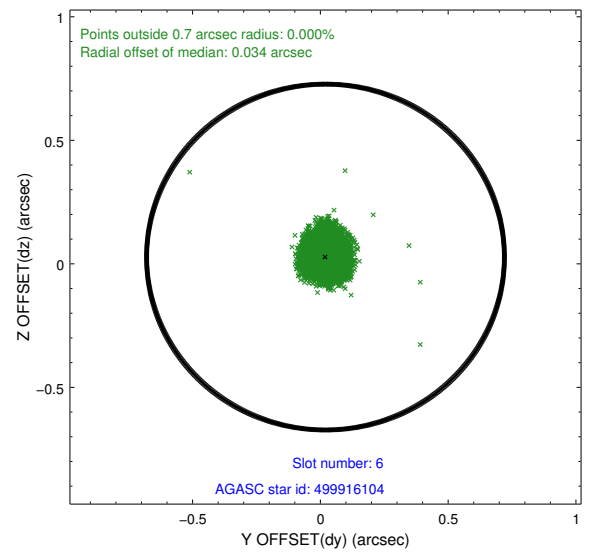
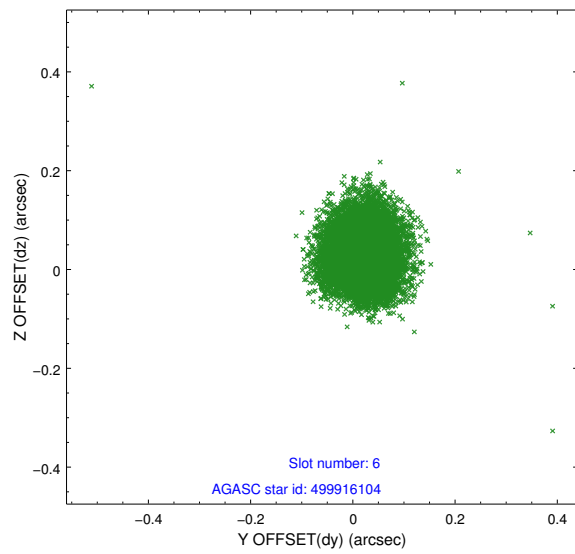
Time (s)



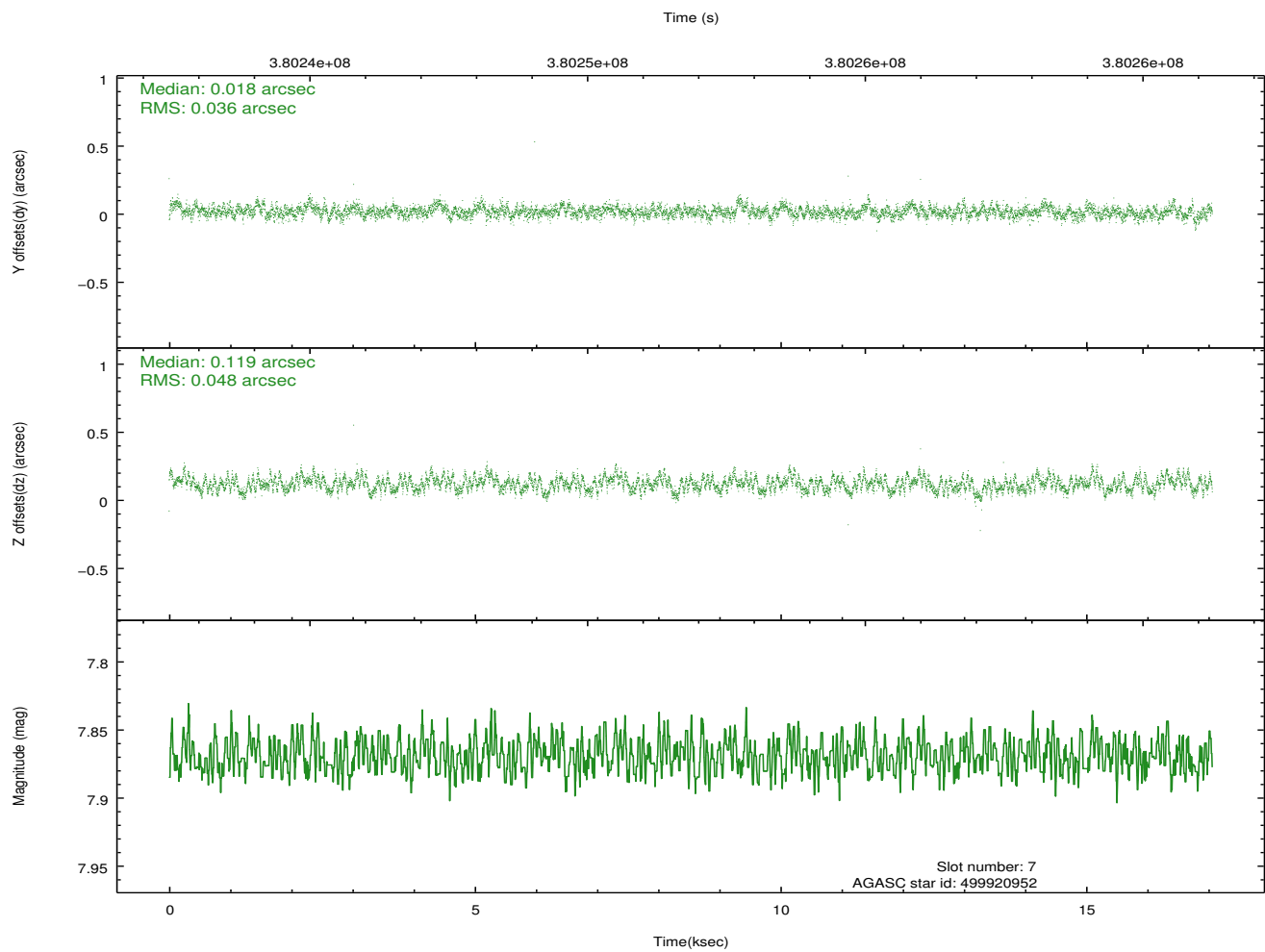
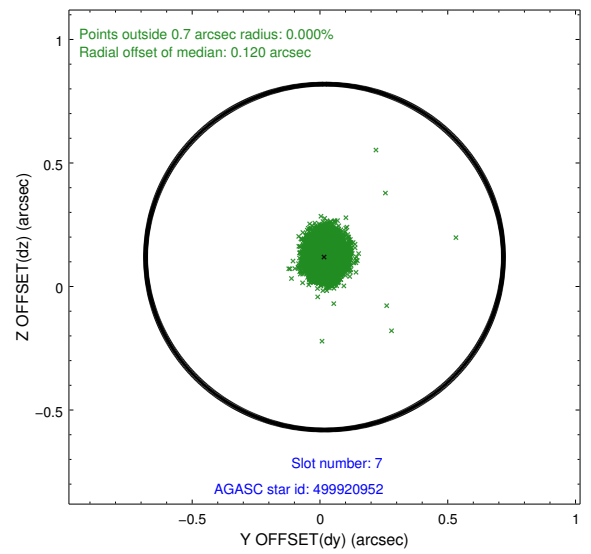
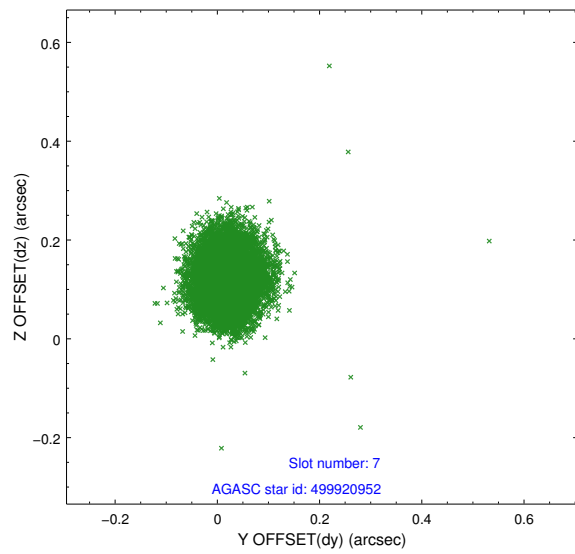
2.4.3 Slot 5



2.4.4 Slot 6

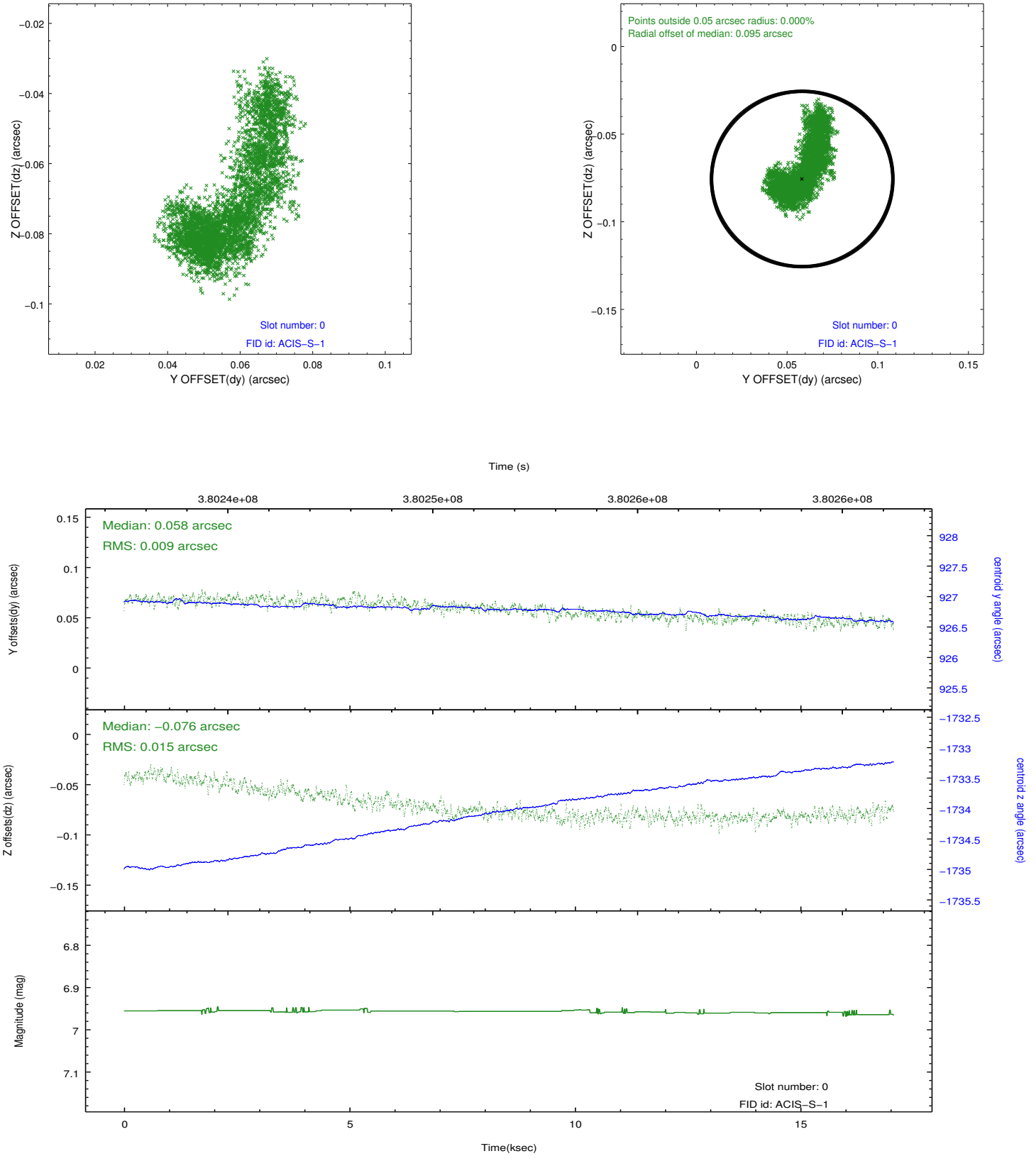


2.4.5 Slot 7

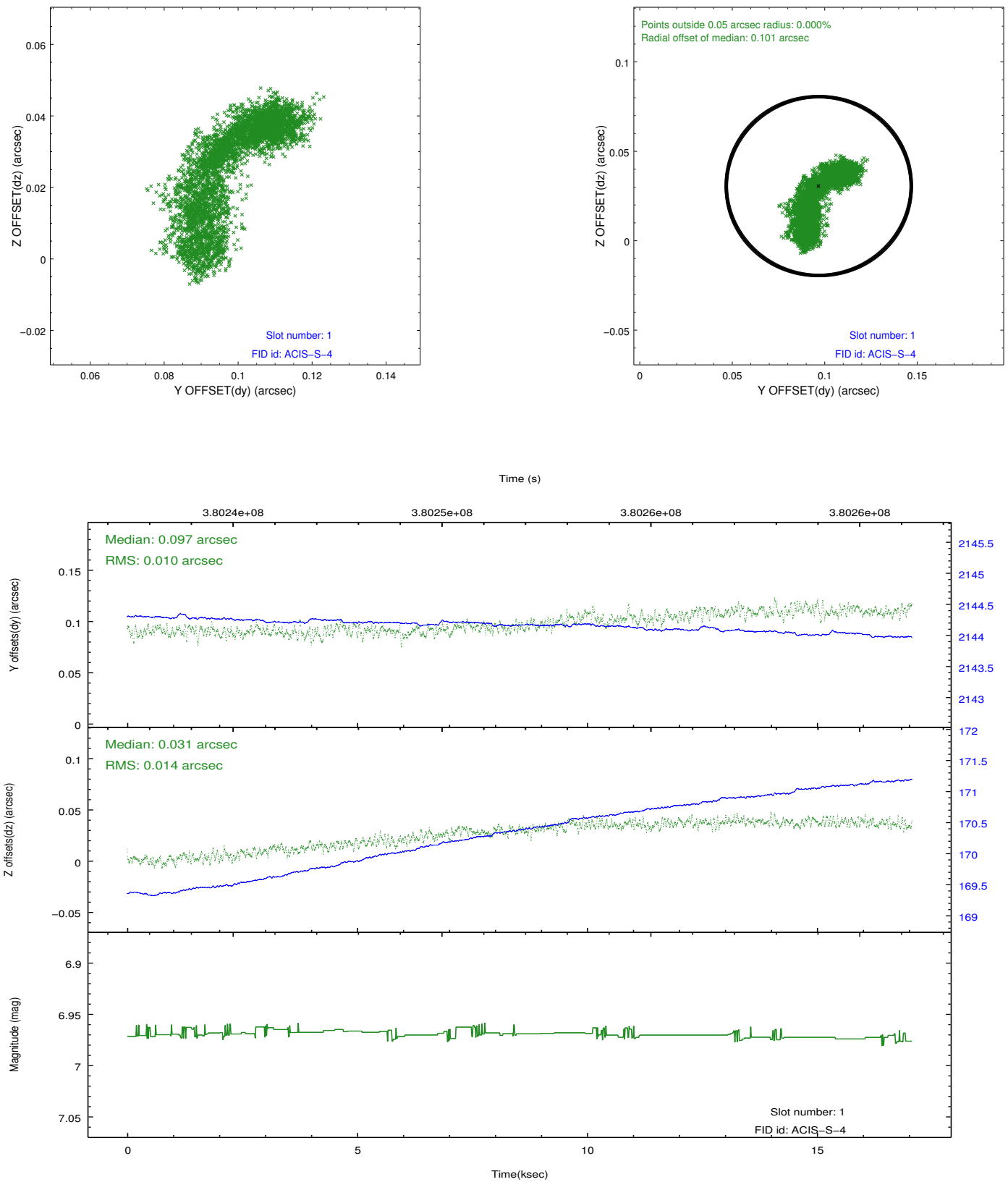


2.5 FID Slots

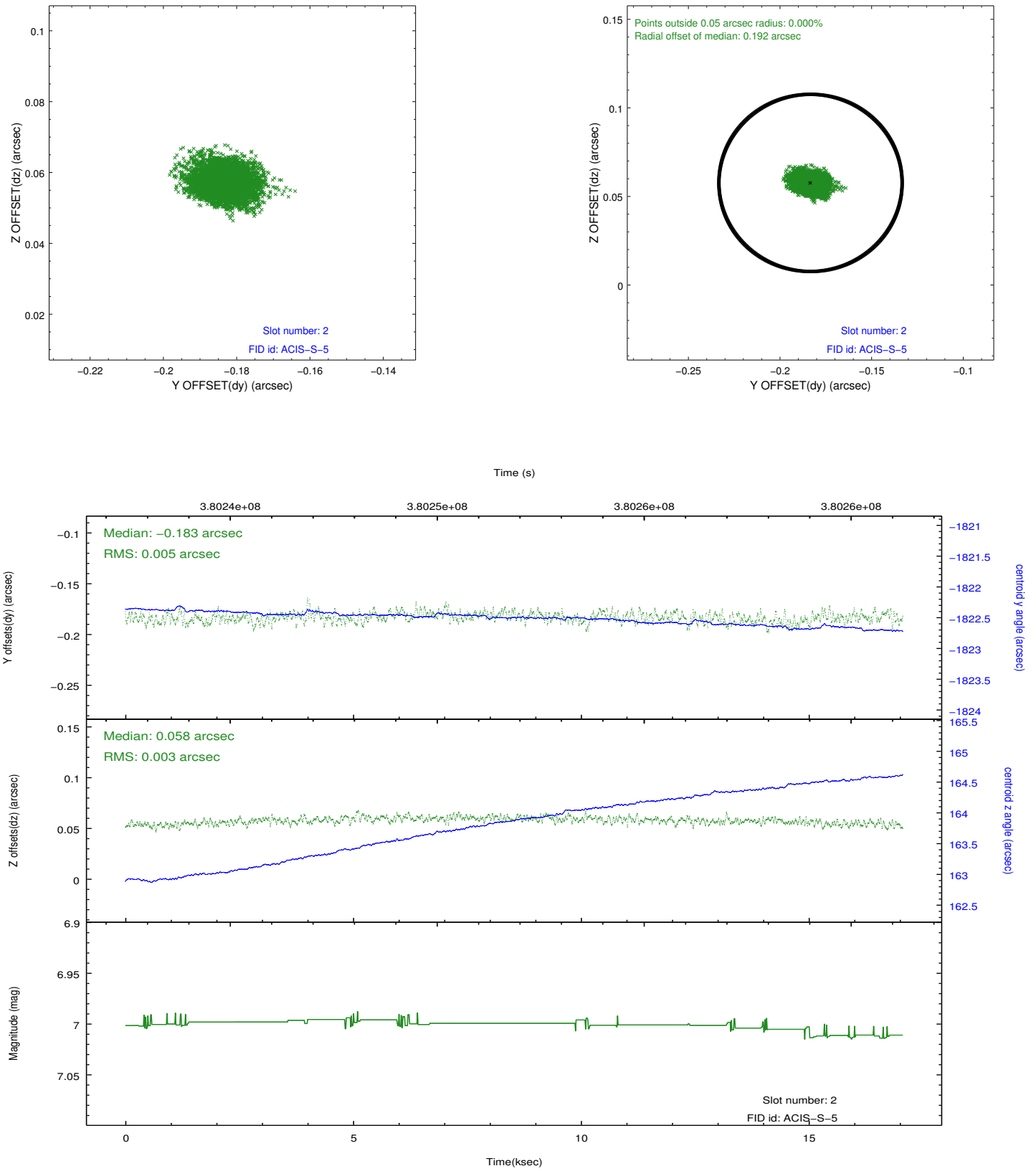
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.058

A.2 Comments

Joint proposal with HST.