

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13370 - L2 Version 1
Chandra X-Ray Center

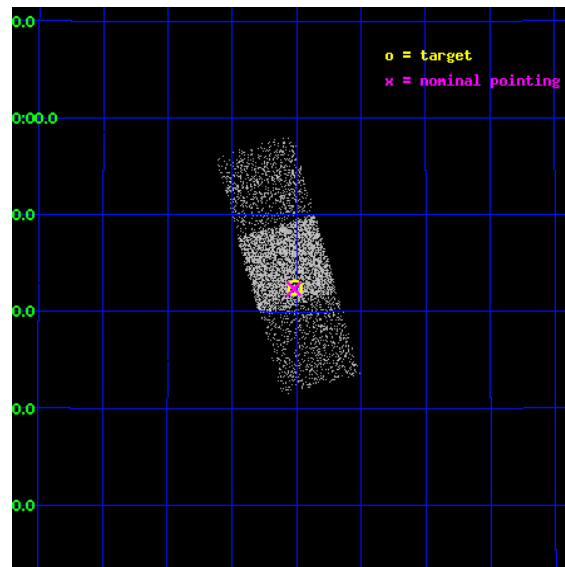
L2 Processing Date : Jul 8 2012

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1 Front

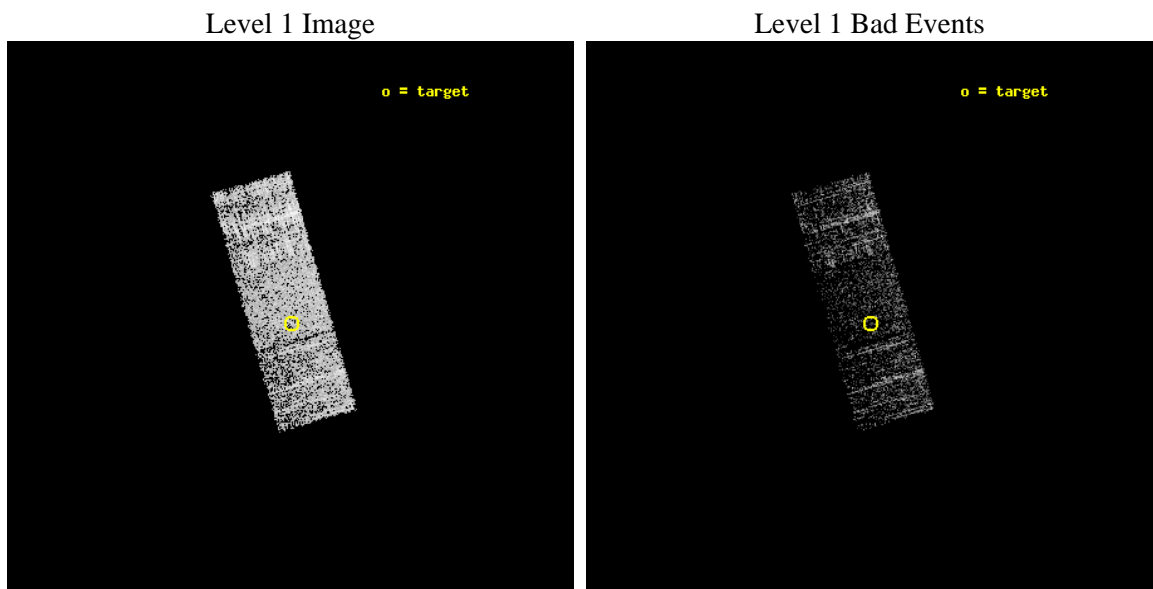
seq_num	702577	Sequence number
obs_id	13370	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSS J1220+2542	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.003333	Observer's specified target RA [deg]
dec_targ	25.708528	Observer's specified target Dec [deg]
ra_nom	185.00545383684	Nominal RA [deg]
dec_nom	25.705978154618	Nominal Dec [deg]
roll_nom	254.06756108071	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1576.9364283681	Sum of GTIs [s]
livetime	1556.3325930078	Livetime [s]
ontime6	1576.8953883648	Sum of GTIs [s]
ontime7	1576.9364283681	Sum of GTIs [s]
ontime8	1576.8543483615	Sum of GTIs [s]
l2events	6459	Number of level 2 events



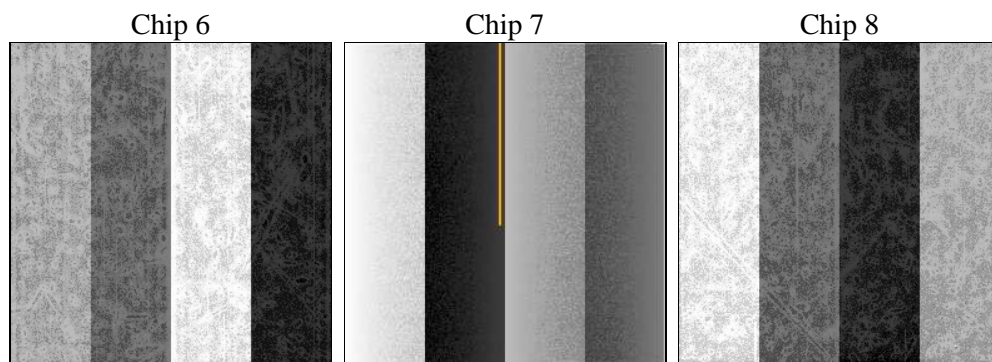
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1576.9364283681	Sum of GTIs [s]
caldsver	4.5.0	 	ontime6	1576.8953883648	Sum of GTIs [s]
date	2012-07-08T13:57:26	Date and time of file creation	ontime7	1576.9364283681	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1576.8543483615	Sum of GTIs [s]
			l1events	30798	Number of level 1 events

2.1.4 Events

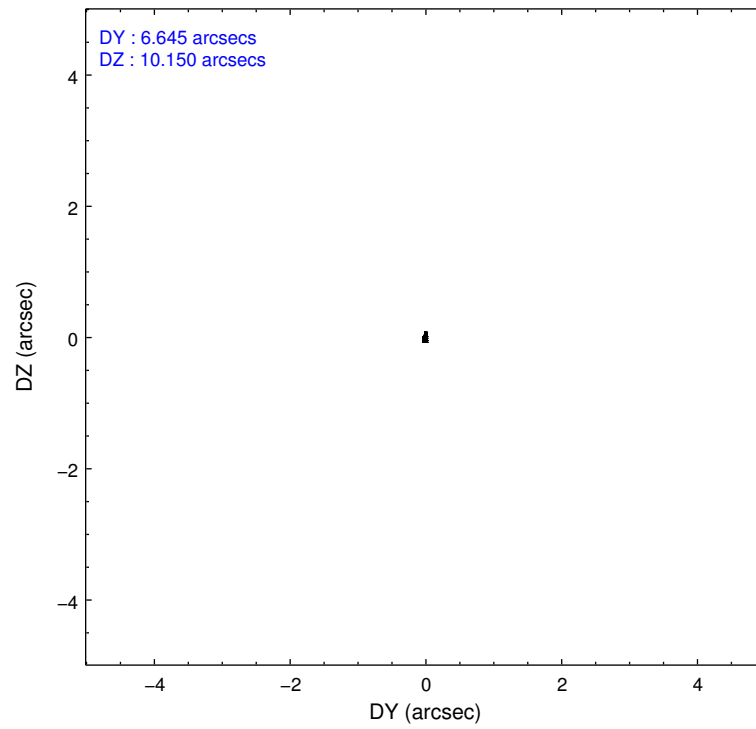
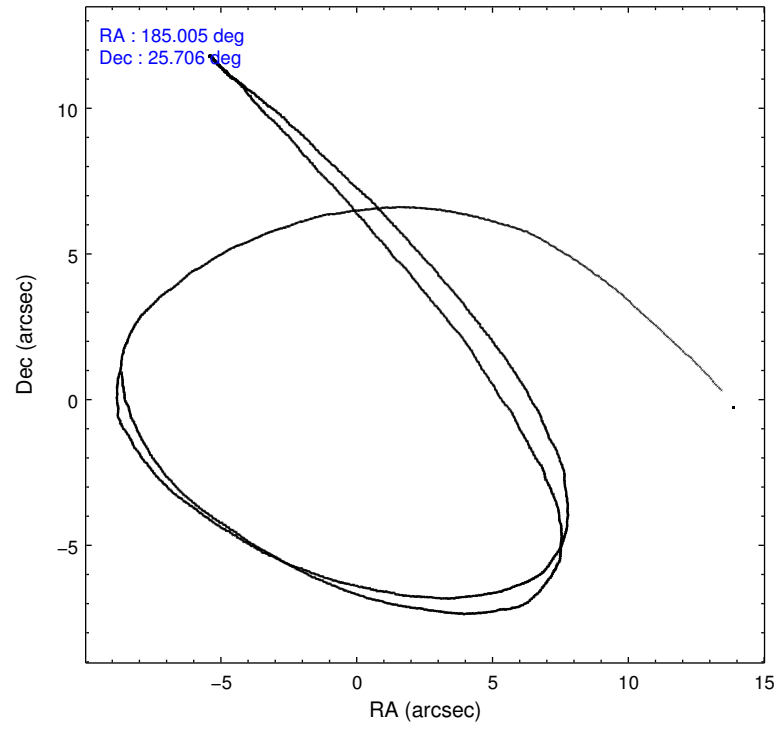
	ccd 6	ccd 7	ccd 8
level 1 events	8208	9633	12957
rejected events	7153	5019	8430
rejected %	87%	52%	65%

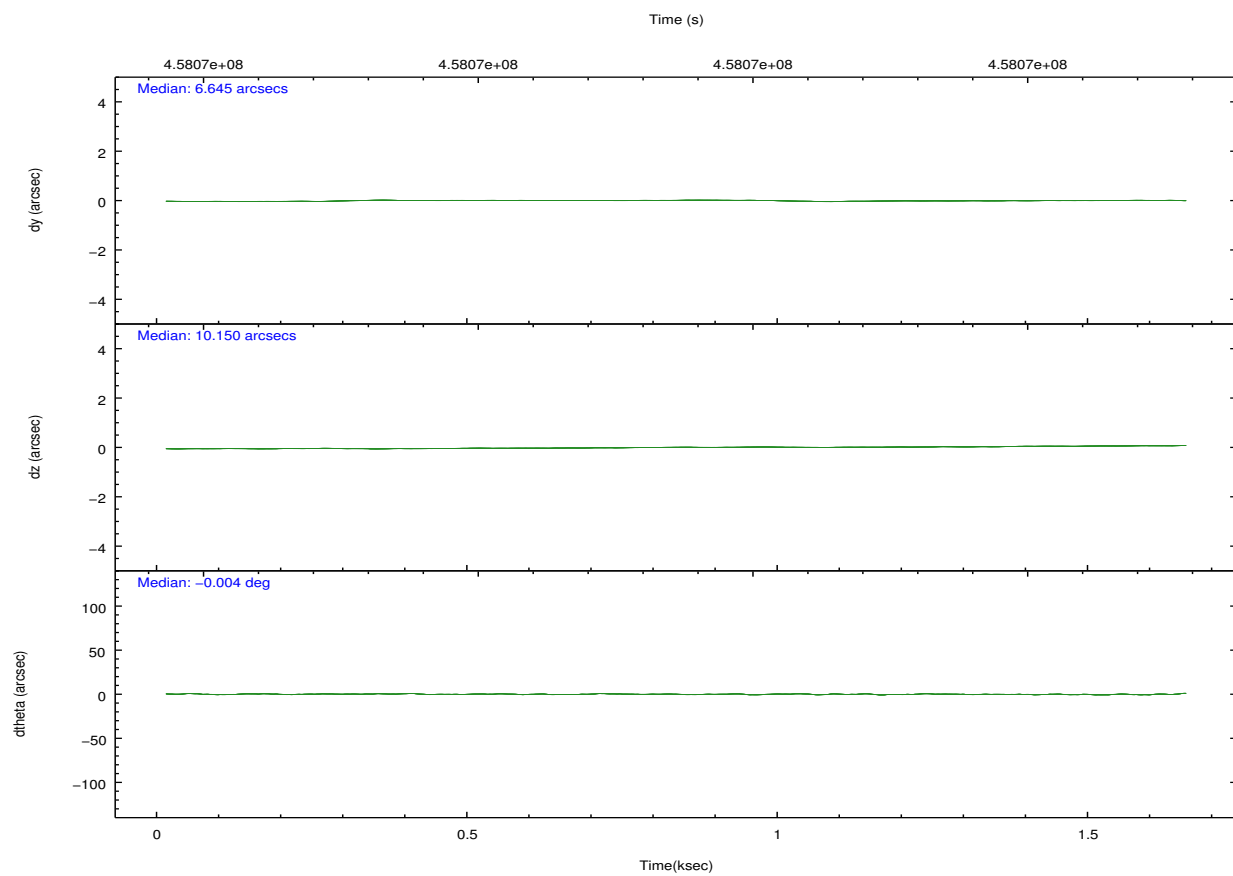
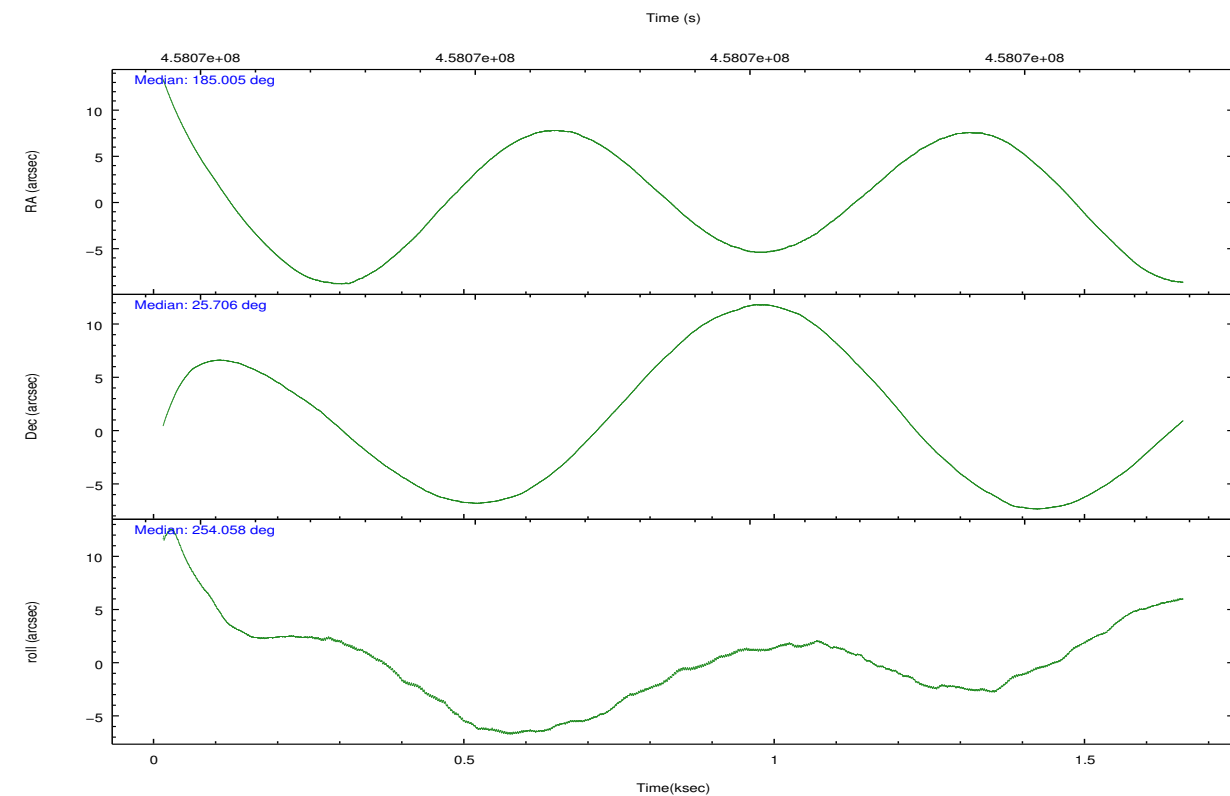
	ccd 6	ccd 7	ccd 8
grade 0 events	405	443	1336
	4%	4%	10%
grade 1 events	7	15	17
	0%	0%	0%
grade 2 events	225	1031	879
	2%	10%	6%
grade 3 events	97	390	634
	1%	4%	4%
grade 4 events	98	391	582
	1%	4%	4%
grade 5 events	342	938	573
	4%	9%	4%
grade 6 events	233	2378	1103
	2%	24%	8%
grade 7 events	6801	4047	7833
	82%	42%	60%

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	184.997780	185.0054538368402	Subarray requested	NONE	NONE
[deg] Pointing Dec	25.732689	25.70597815461756	Alternating exposures requested	N	N
[deg] Pointing Roll	253.914219	254.0675610807103	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	458066688.184000	458065459.71966			
Observation start date	2012-07-07T16:43:41	2012-07-07T16:24:19			
[s] Observation end time (MET)	458068188.184000	458068477.31982			
Observation end date	2012-07-07T17:08:41	2012-07-07T17:14:37			
Read mode	TIMED	TIMED			

2.3 Aspect



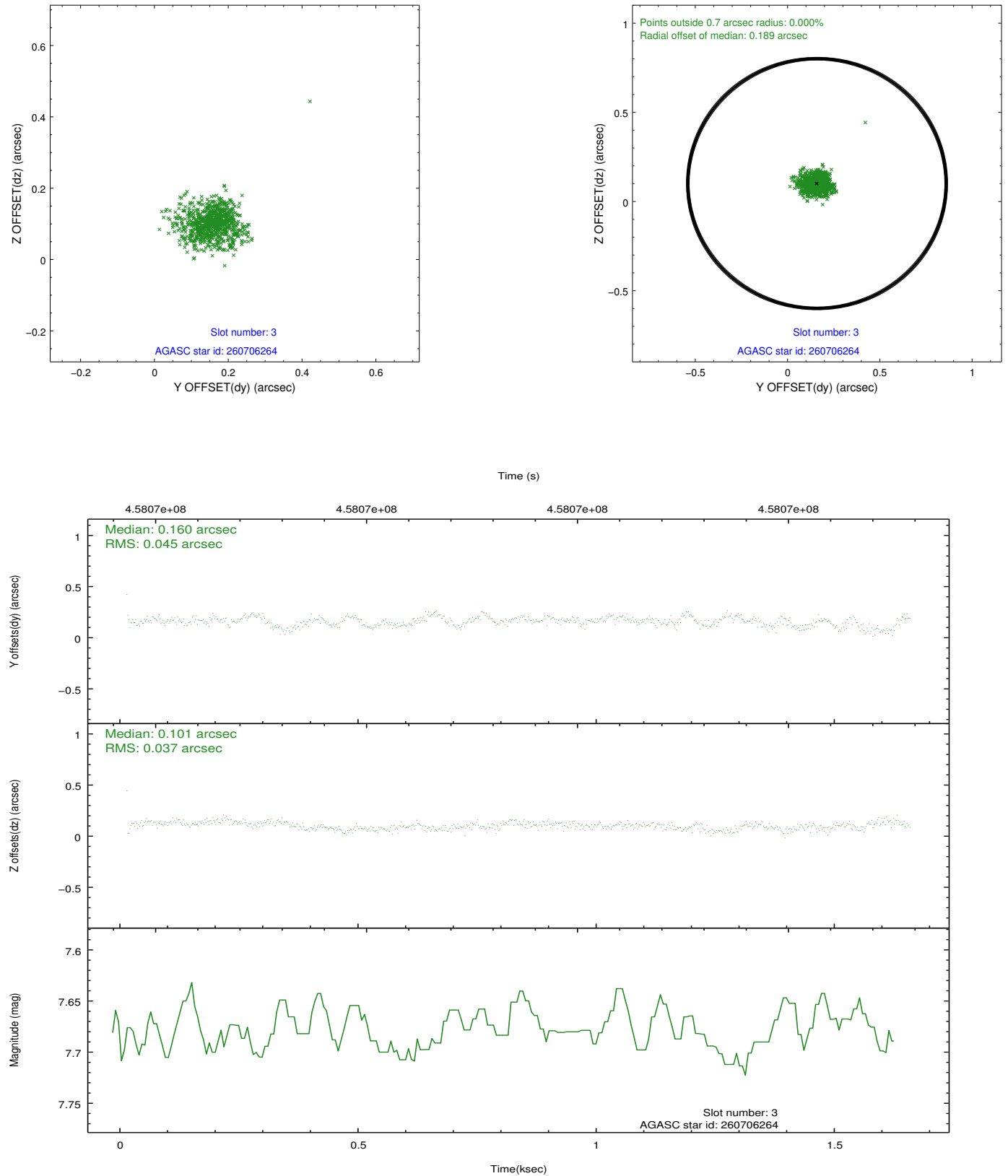


Slot Statistics

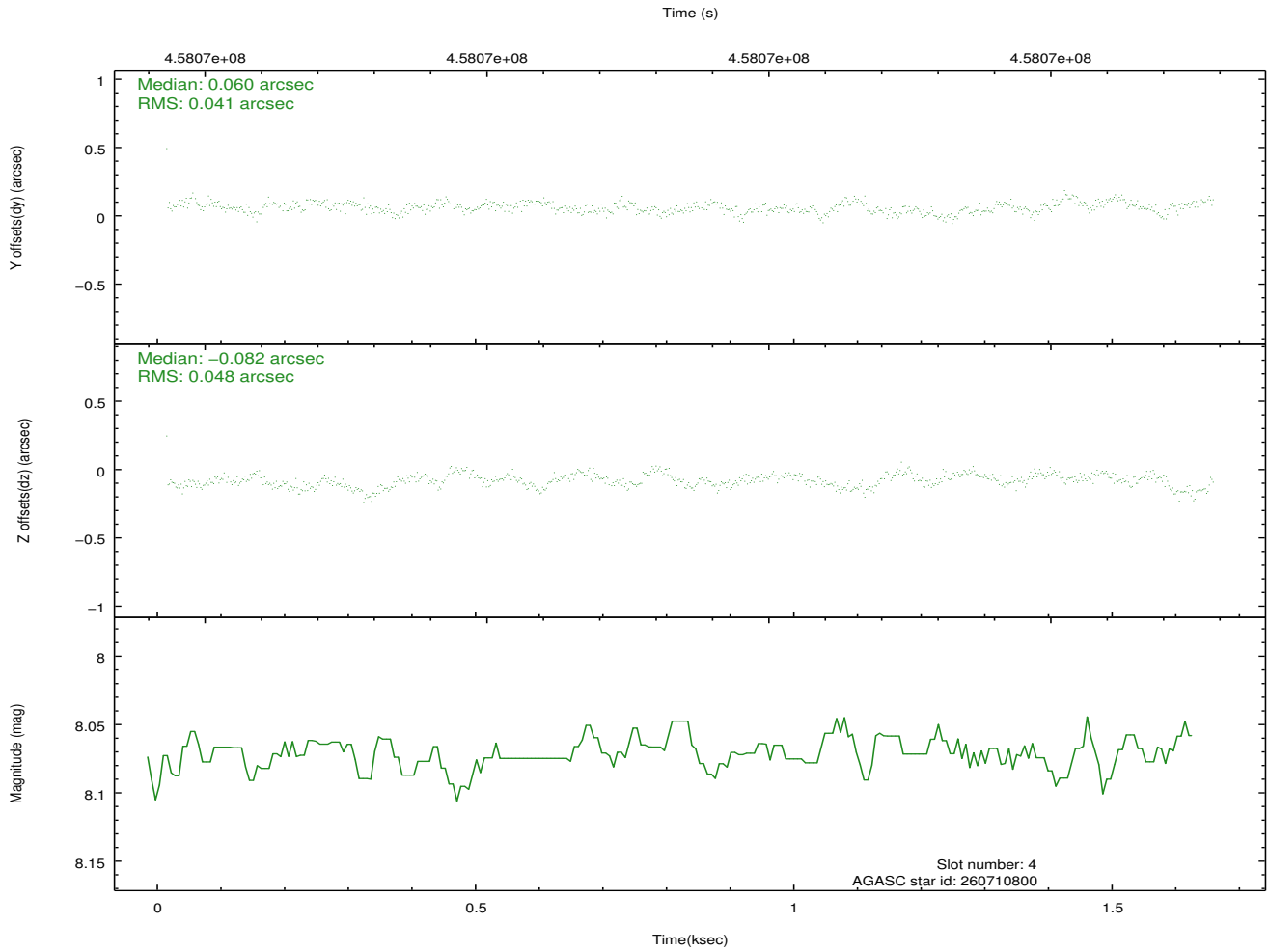
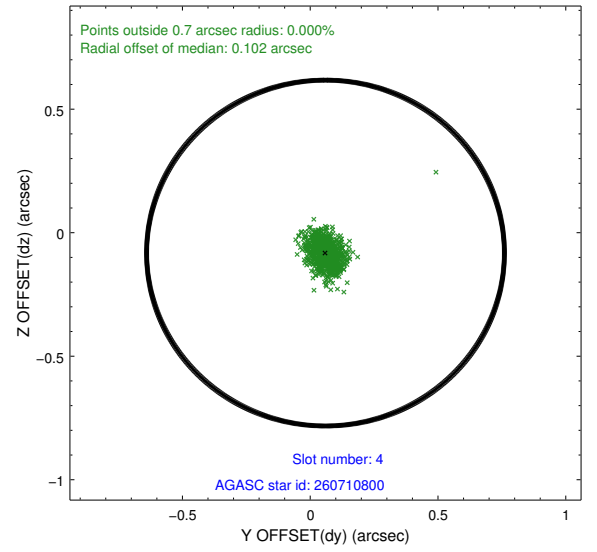
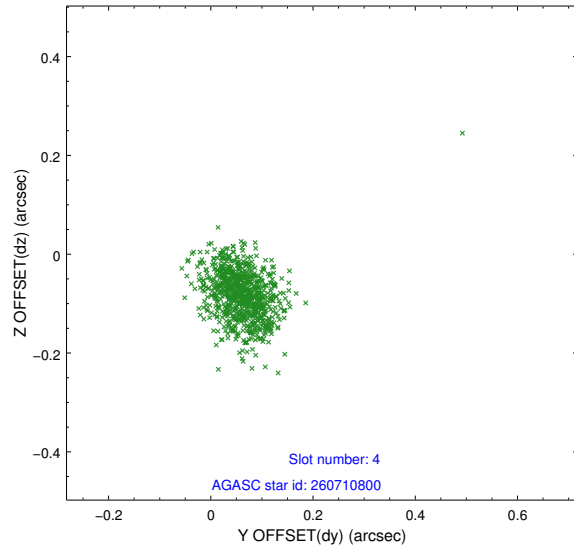
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.06	401	-0.082	-0.038	0.007	0.011	0.000000	0.000000	-759.45	-1731.38
1	FID	ACIS-S-4	7.16	401	0.181	0.049	0.007	0.012	0.000000	0.000000	2152.26	173.05
2	FID	ACIS-S-5	7.19	401	-0.131	-0.003	0.008	0.014	0.000000	0.000000	-1807.19	171.21
3	GUIDE	260706264	7.68	803	0.160	0.101	0.061	0.101	185.361418	24.997026	2213.68	1873.92
4	GUIDE	260710800	8.07	803	0.060	-0.082	0.065	0.101	184.462107	25.571341	1039.17	-1509.08
5	GUIDE	260715296	7.91	803	-0.027	0.002	0.067	0.110	185.270038	25.719989	-200.84	858.90
6	GUIDE	260727840	6.84	803	-0.120	-0.077	0.080	0.141	184.758437	26.008350	-740.47	-1018.39
7	GUIDE	260706016	9.20	801	-0.078	0.060	0.097	0.159	185.784999	25.851376	-1126.56	2328.61

2.4 Star Slots

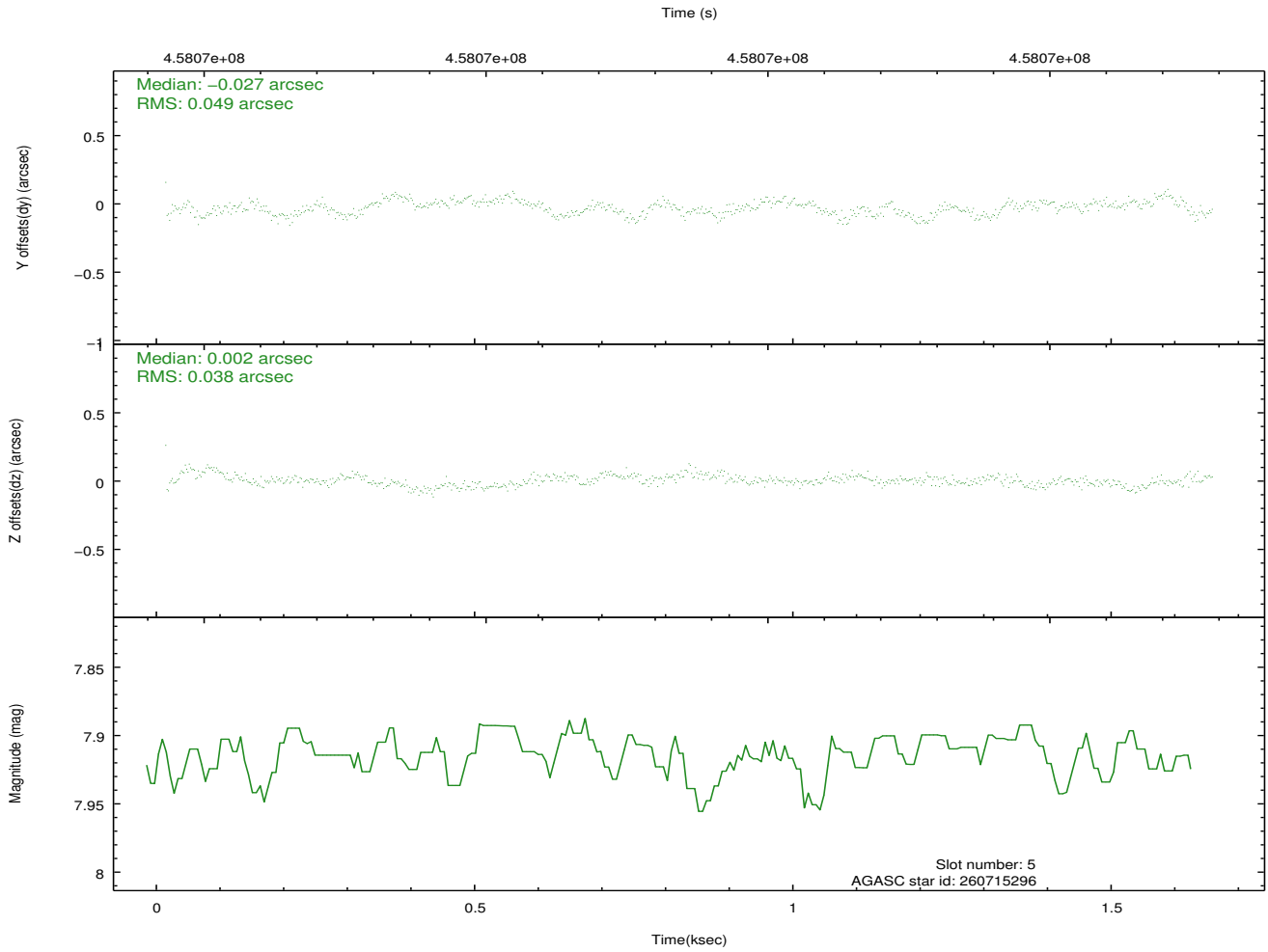
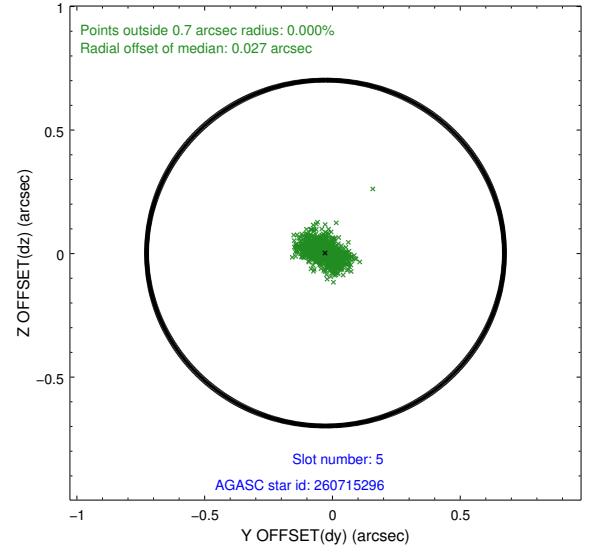
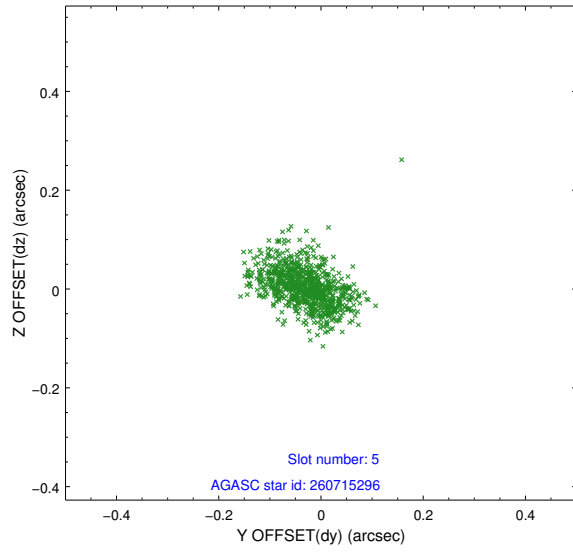
2.4.1 Slot 3



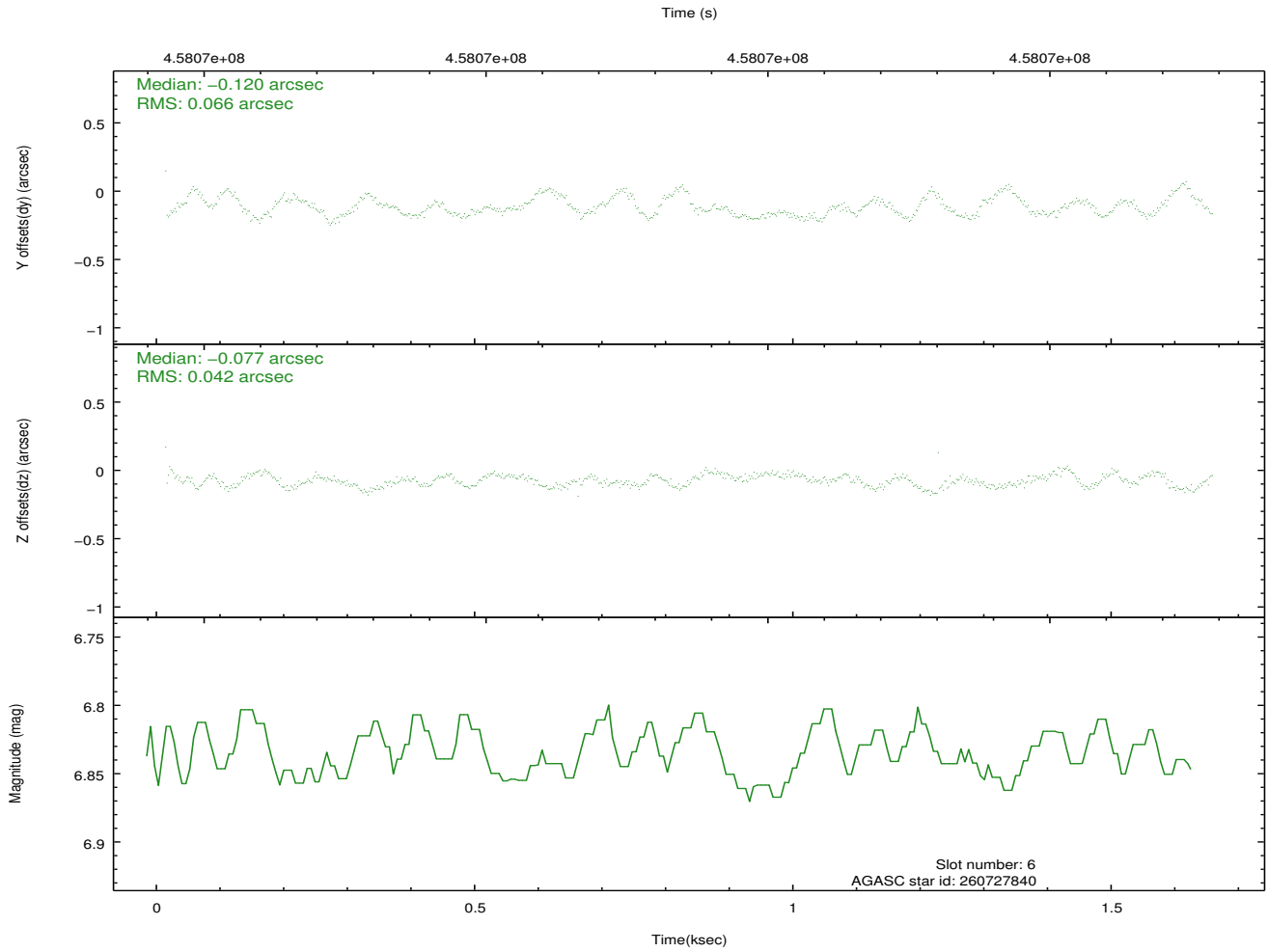
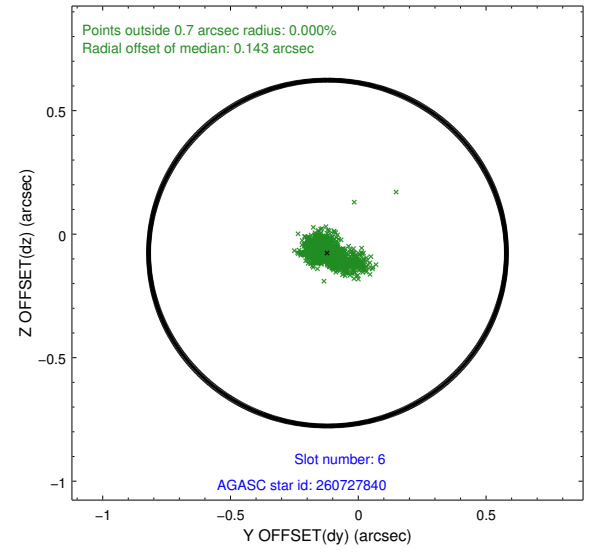
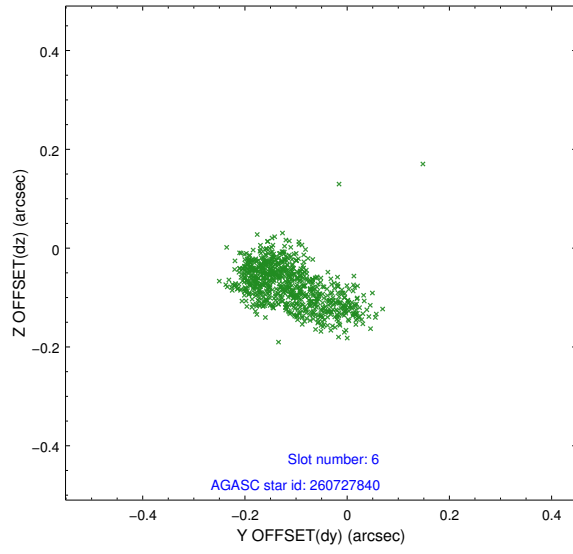
2.4.2 Slot 4



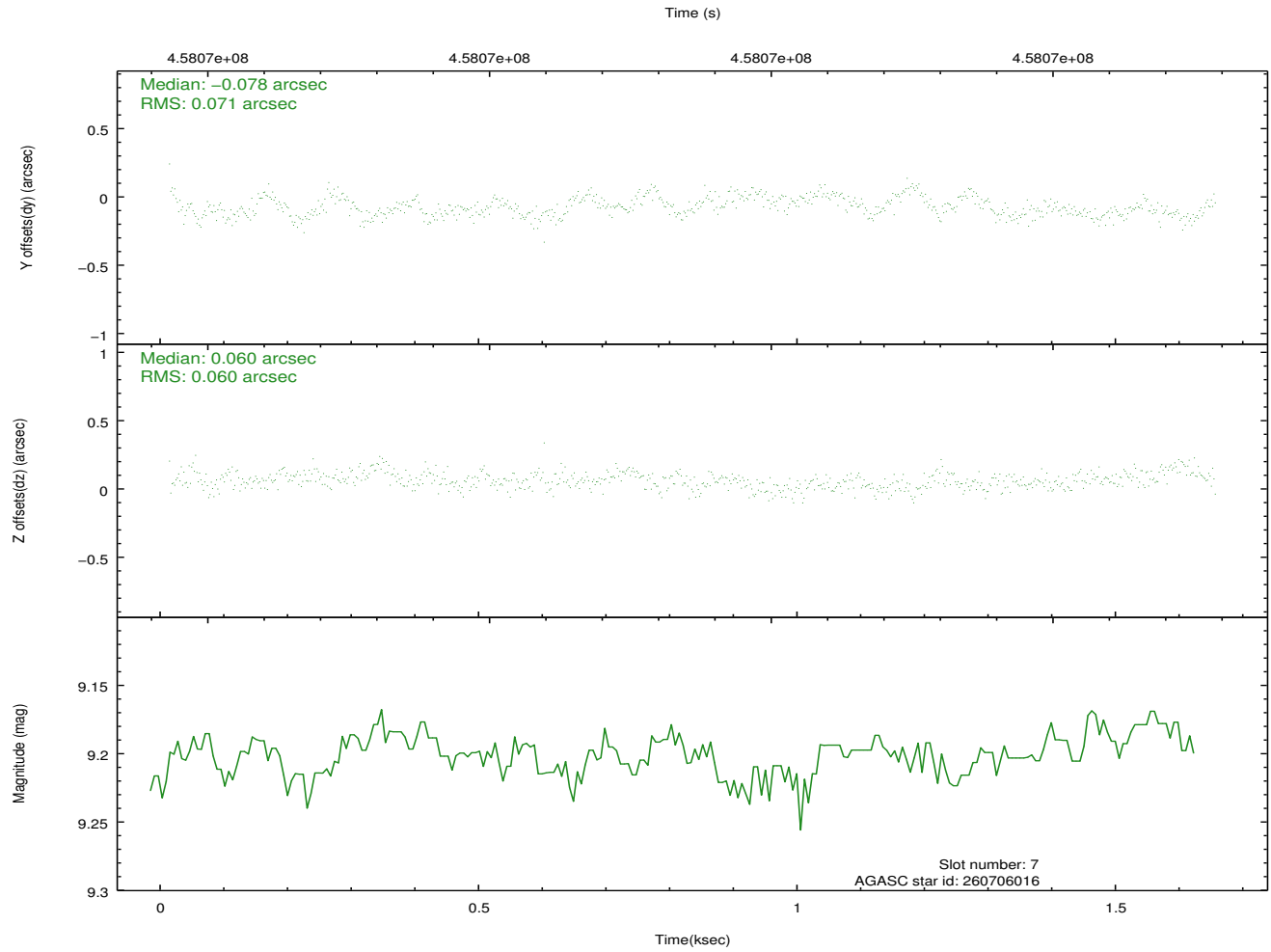
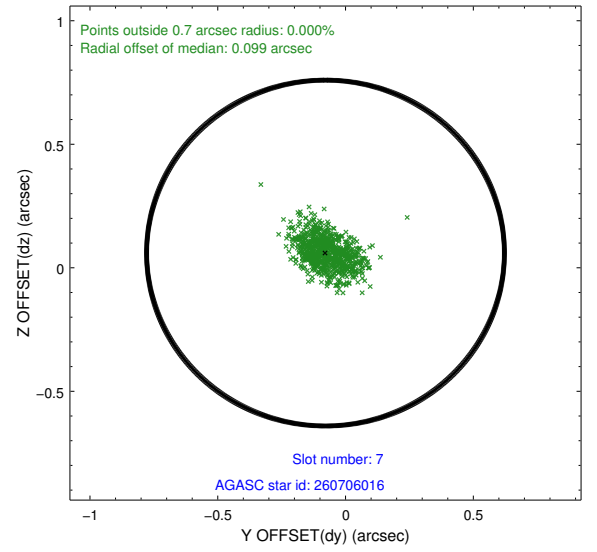
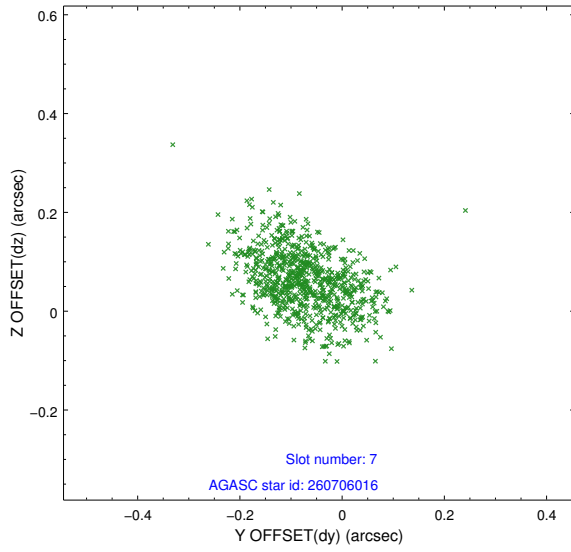
2.4.3 Slot 5



2.4.4 Slot 6

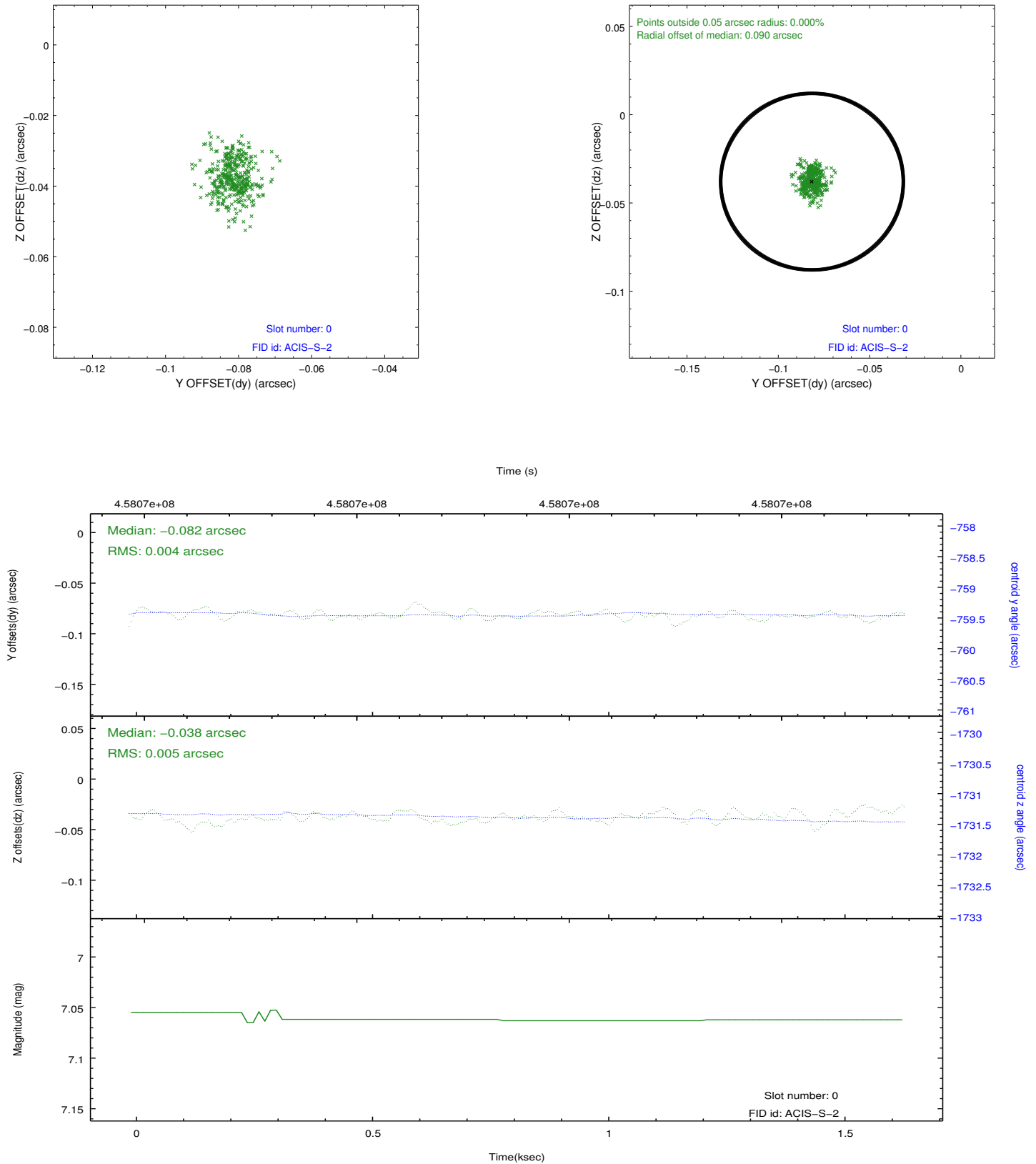


2.4.5 Slot 7

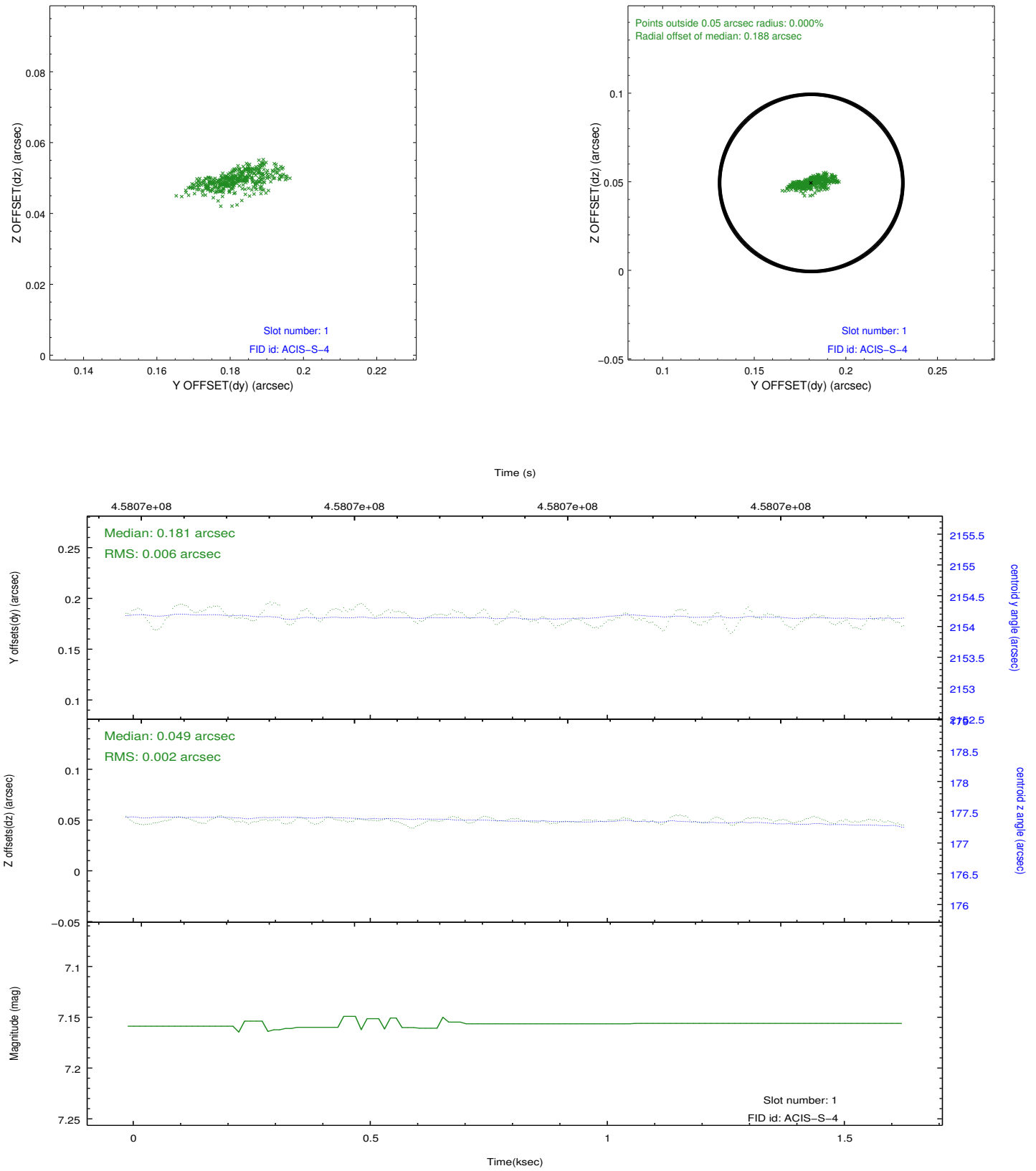


2.5 FID Slots

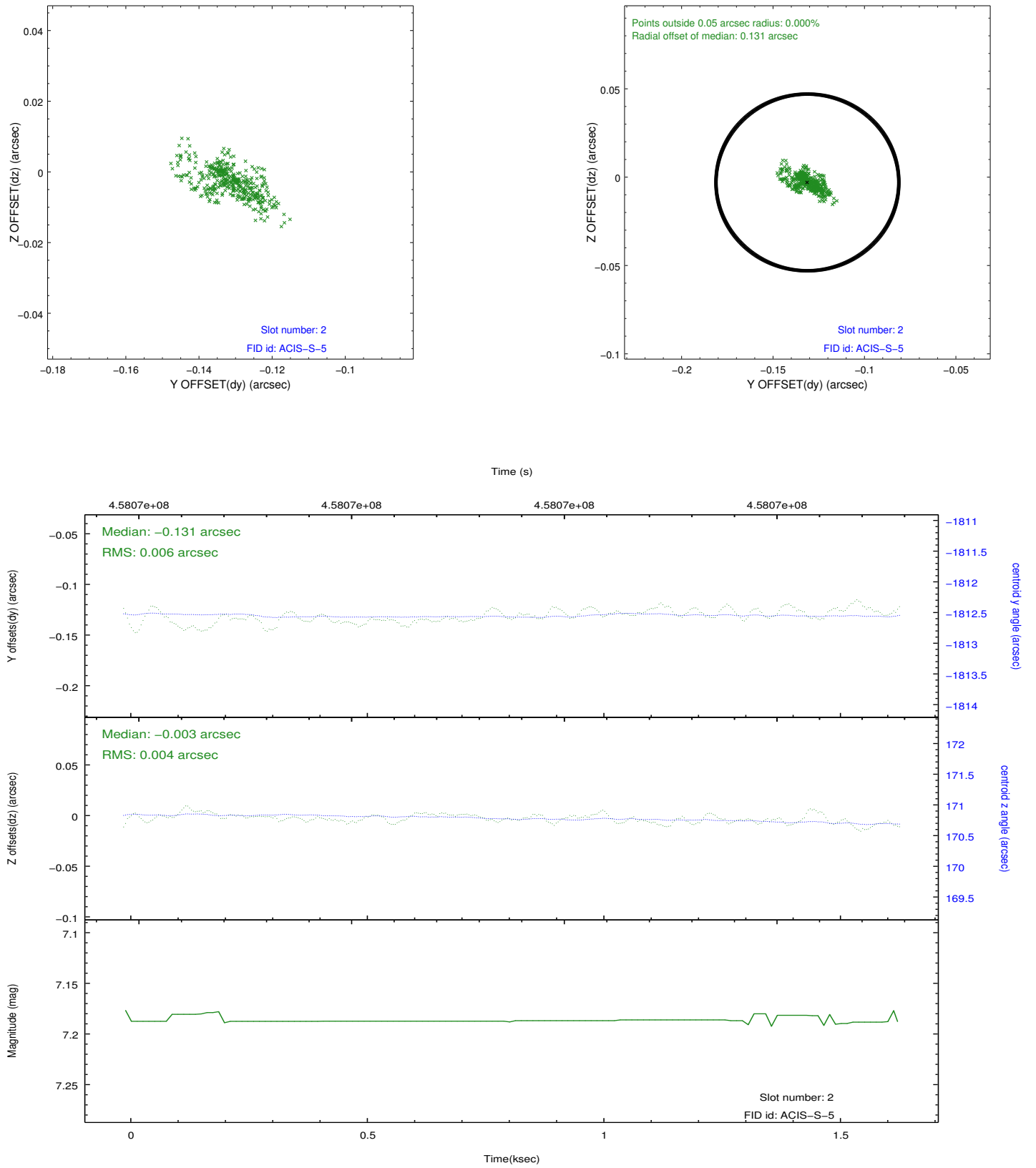
2.5.1 Slot 0



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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5769364283681

A.2 Comments