

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 18166 - L2 Version 1
Chandra X-Ray Center

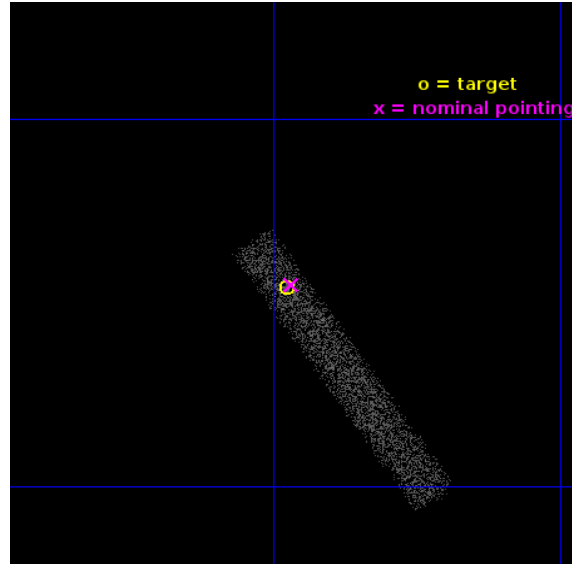
L2 Processing Date : Jan 16 2016

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1 Front

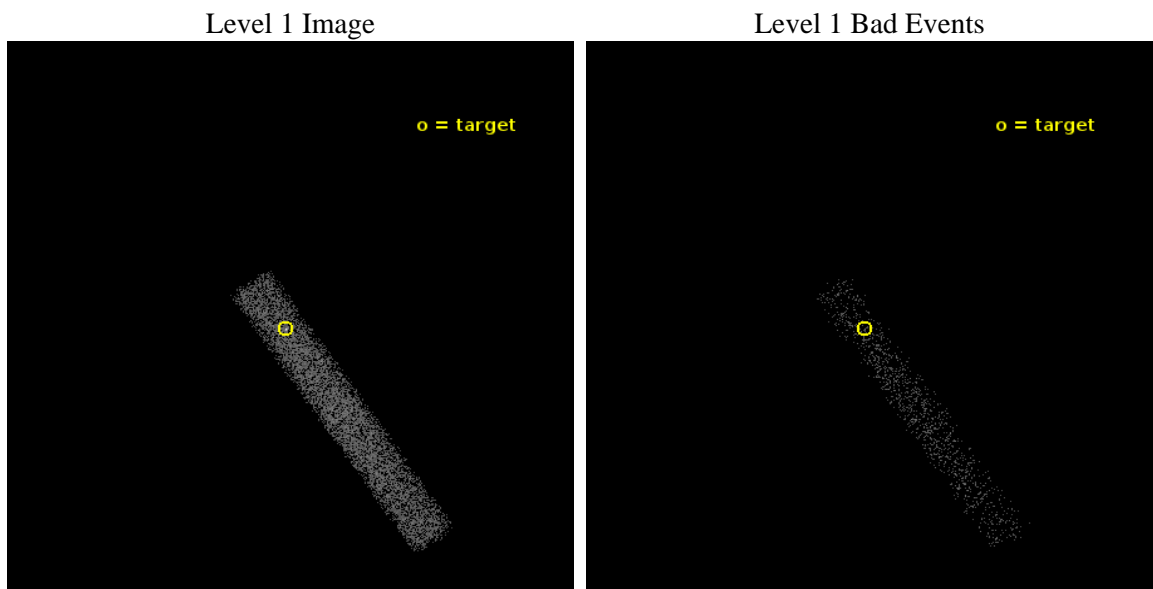
seq_num	703231	Sequence number
obs_id	18166	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	2MASX J10195855-0234363	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.994167	Observer's specified target RA [deg]
dec_targ	-2.576694	Observer's specified target Dec [deg]
ra_nom	154.99224760025	Nominal RA [deg]
dec_nom	-2.5751684256754	Nominal Dec [deg]
roll_nom	55.536895706573	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10069.084308386	Sum of GTIs [s]
livetime	9132.1279778577	Livetime [s]
ontime7	10069.084308386	Sum of GTIs [s]
l2events	5568	Number of level 2 events



2 OBI

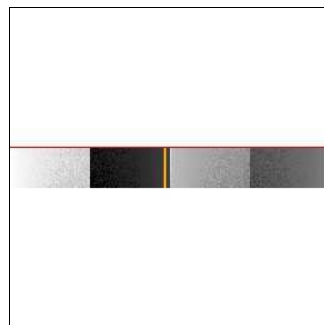
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3	Processing system revision	ontime	10069.084308386	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	10069.084308386	Sum of GTIs [s]
date	2016-01-17T00:14:39	Date and time of file creation	l1events	11172	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	11172
rejected events	5384
rejected %	48%

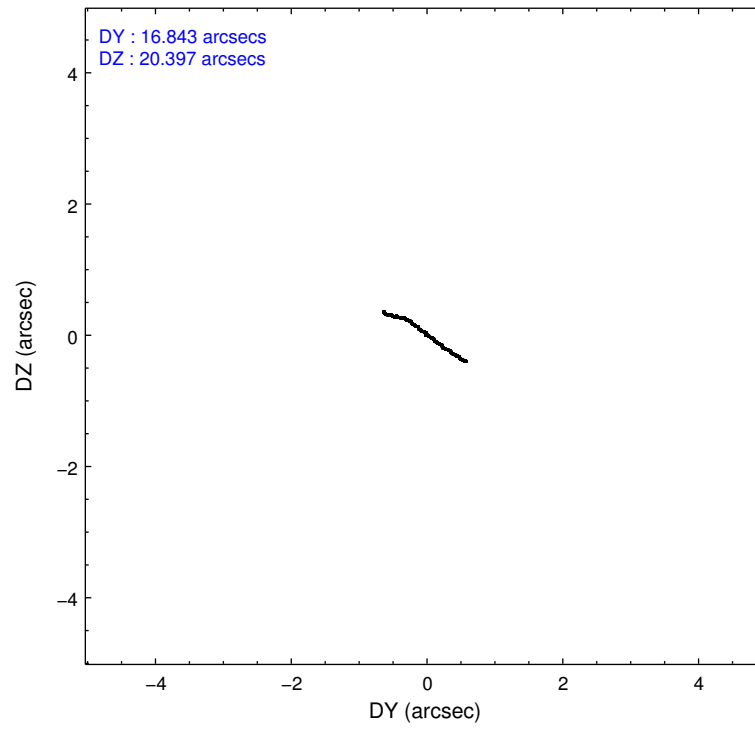
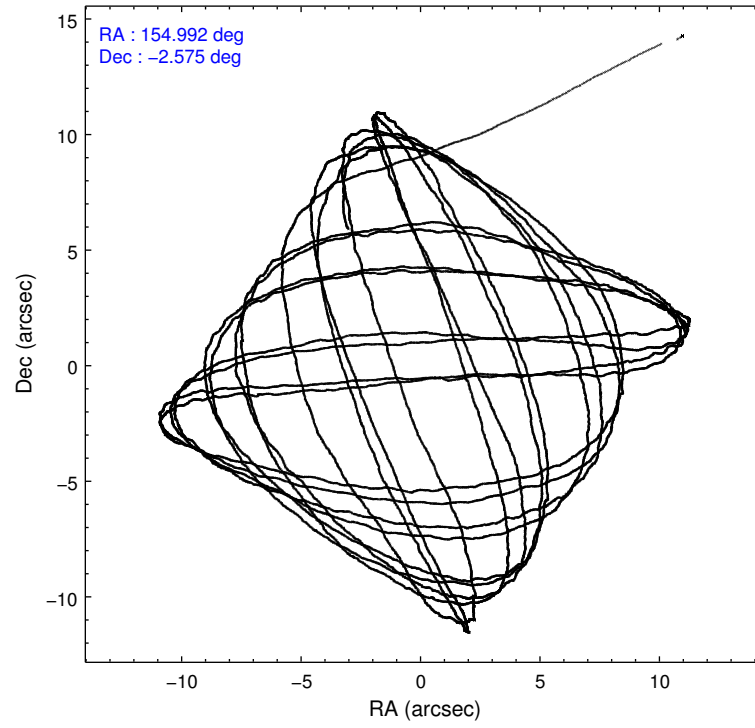
	ccd 7
grade 0 events	699
	6%
grade 1 events	24
	0%
grade 2 events	1182
	10%
grade 3 events	764
	6%
grade 4 events	702
	6%
grade 5 events	1073
	9%
grade 6 events	2441
	21%
grade 7 events	4287
	38%

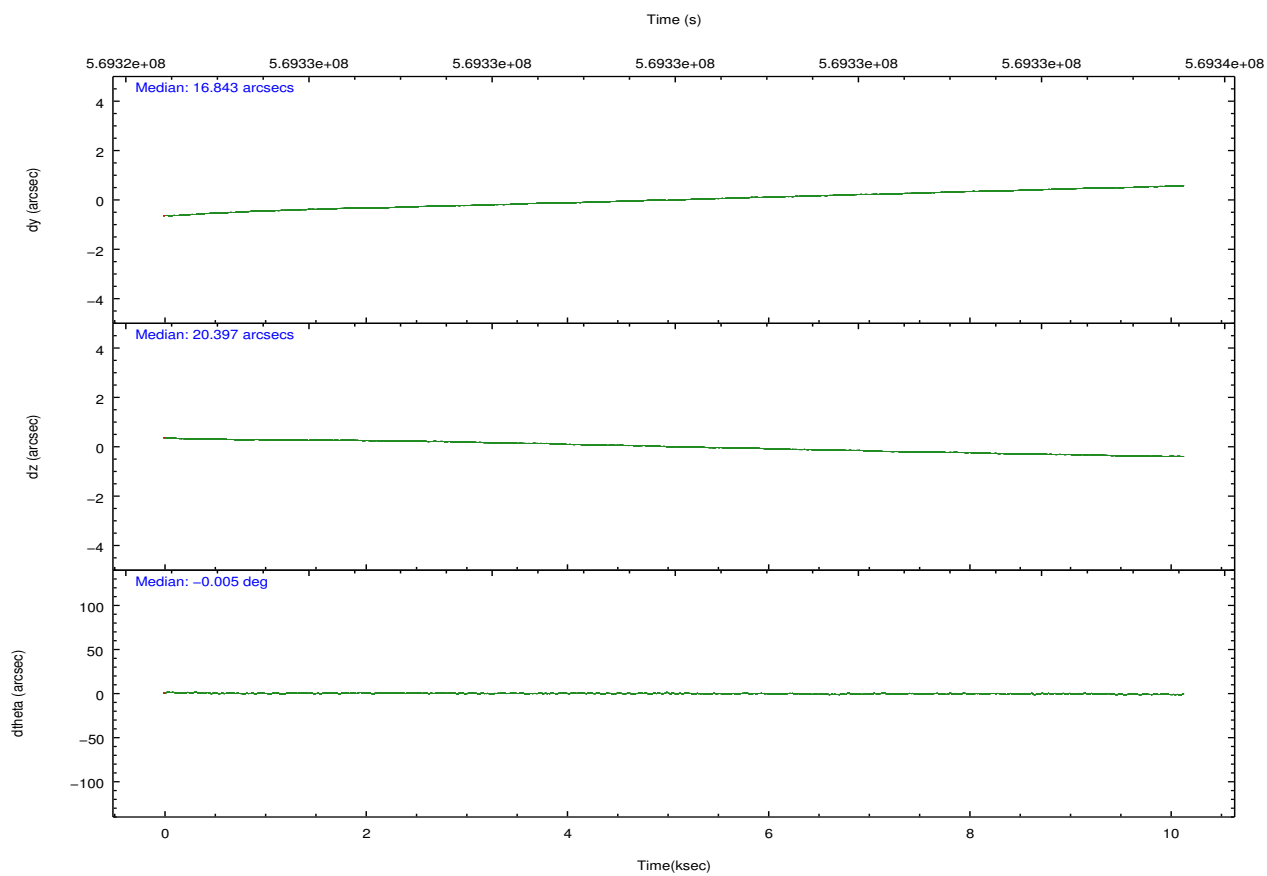
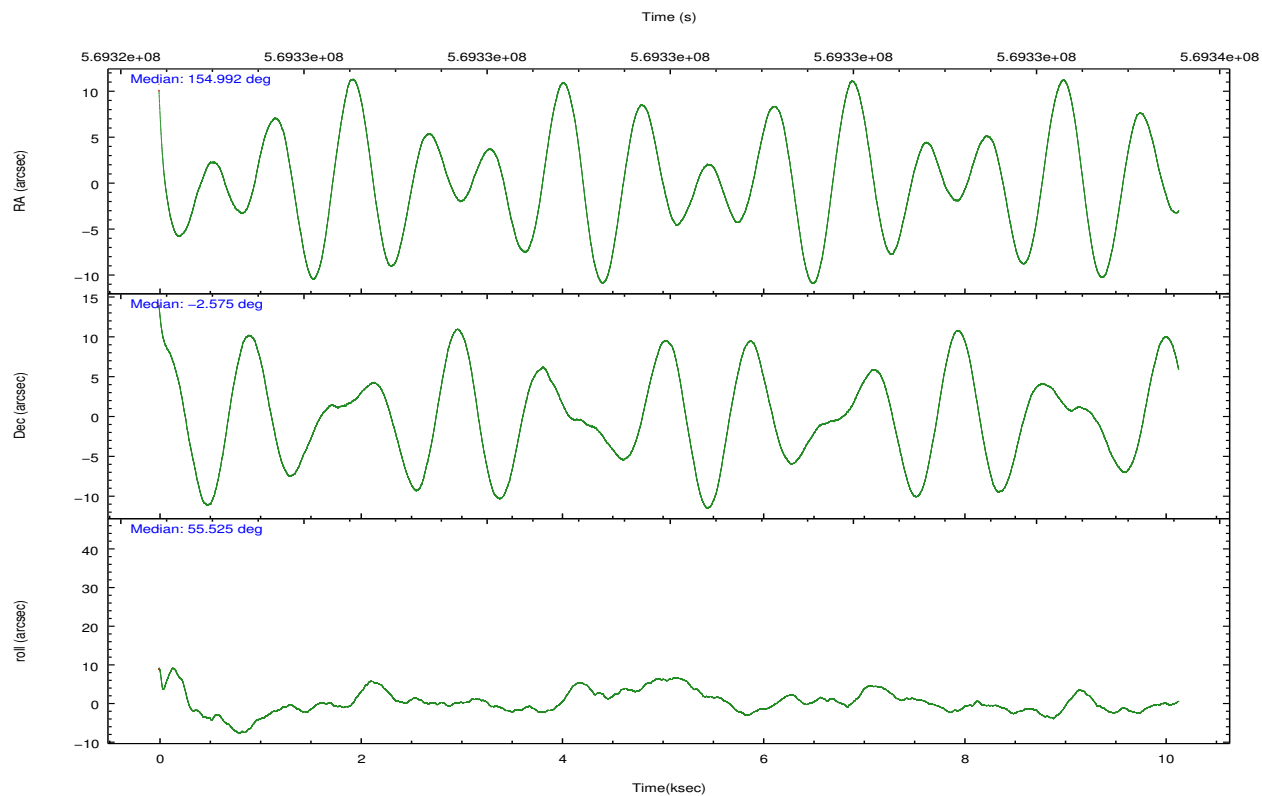
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	154.990494	154.9922476002501
[deg] Pointing Dec	-2.602608	-2.575168425675434
[deg] Pointing Roll	55.380179	55.53689570657338
[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)	569325053.184000	569324008.6154
Observation start date	2016-01-16T09:49:45	2016-01-16T09:33:28
[s] Observation end time (MET)	569335053.184000	569335763.31607
Observation end date	2016-01-16T12:36:25	2016-01-16T12:49:23
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



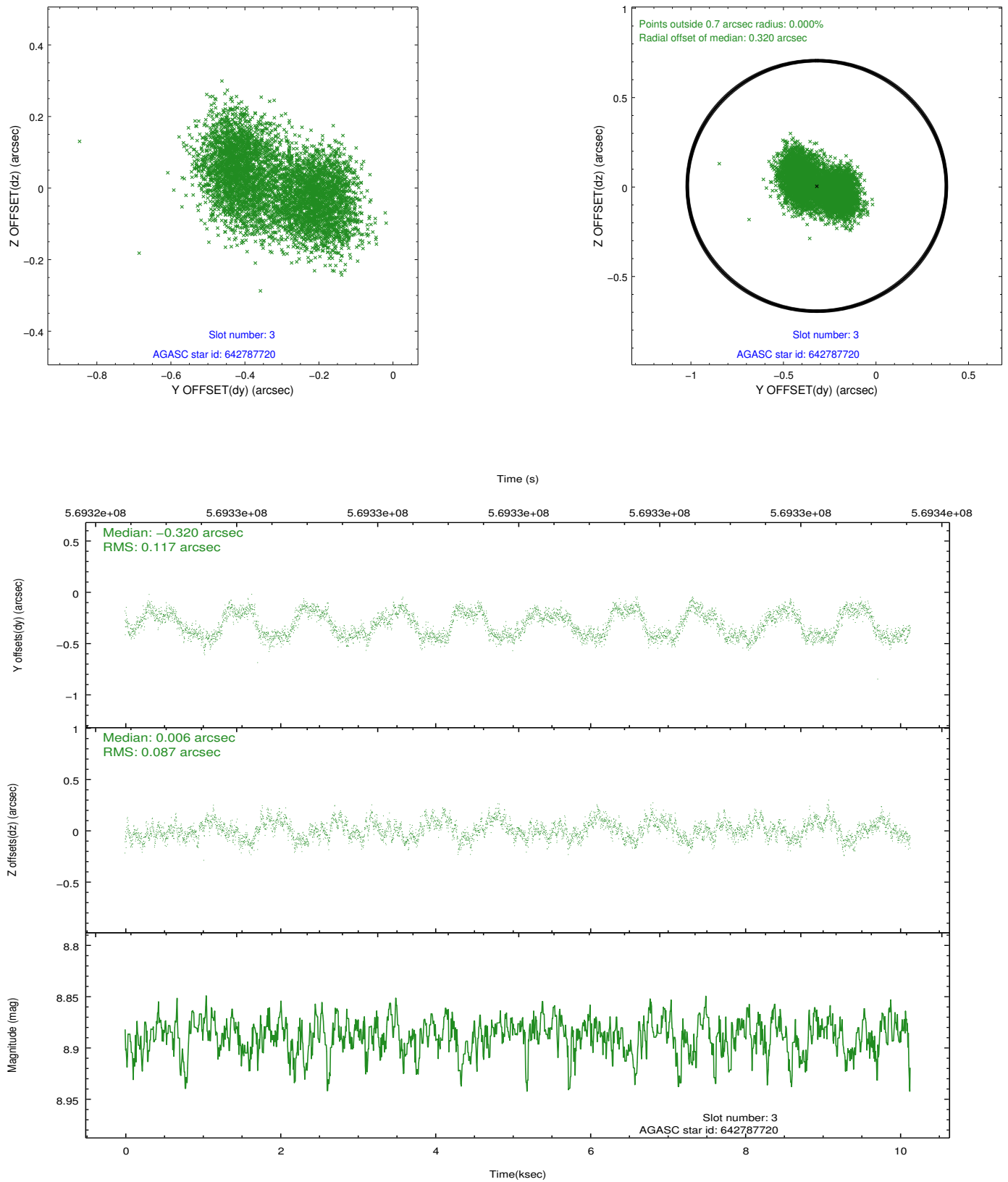


Slot Statistics

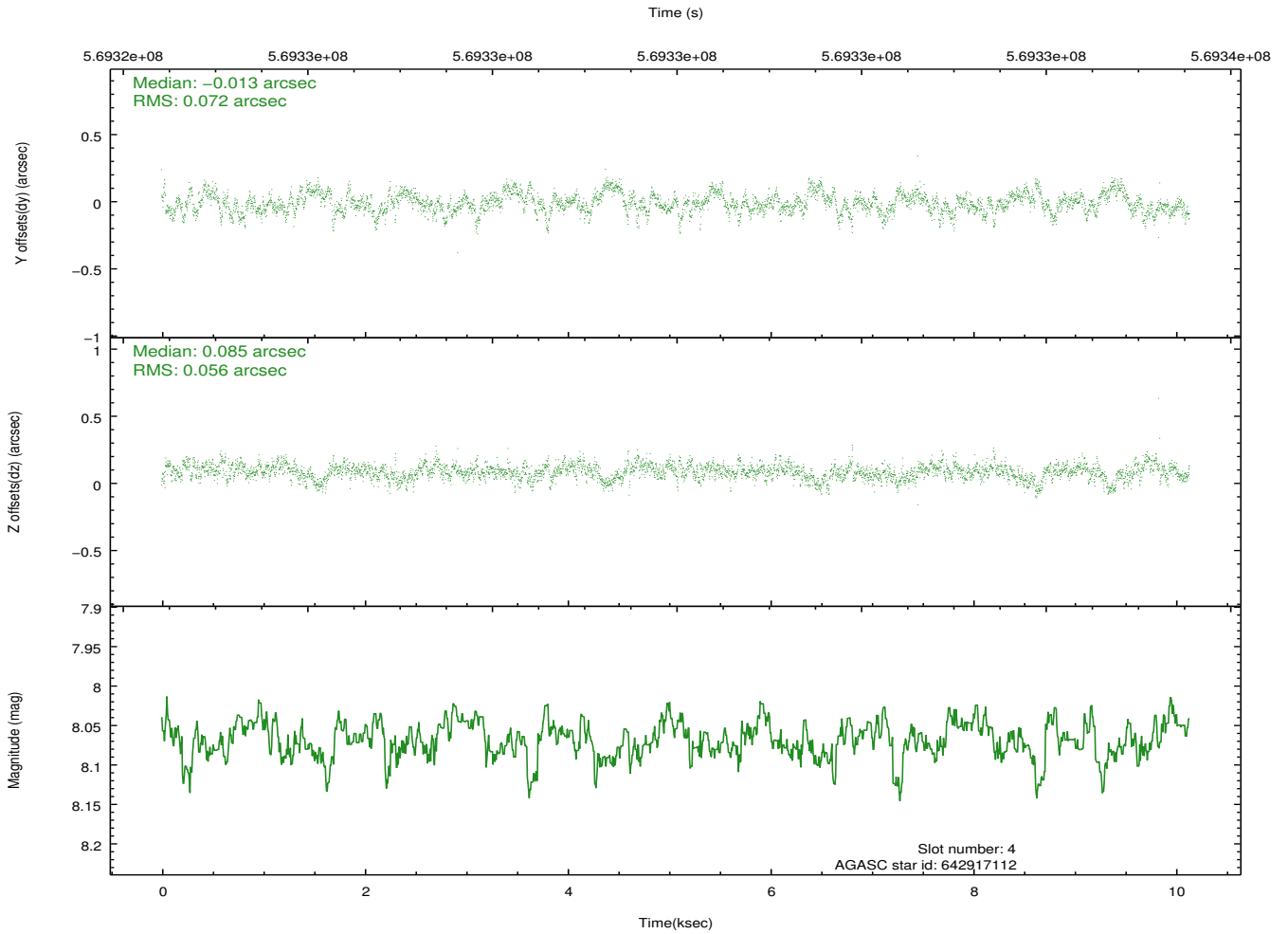
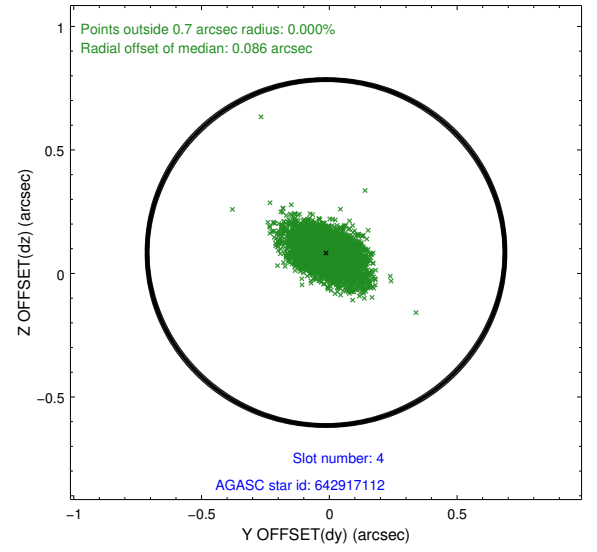
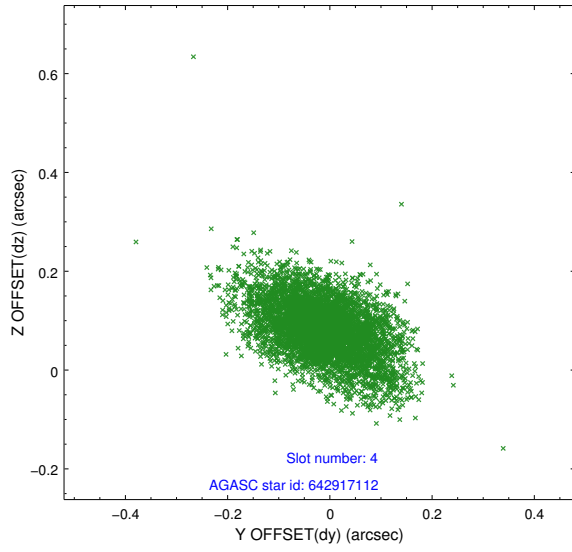
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.12	2473	-0.181	-0.104	0.011	0.018	0.000000	0.000000	-770.03	-1741.98
1	FID		ACIS-S-4	7.22	2473	0.418	0.115	0.011	0.021	0.000000	0.000000	2143.59	166.22
2	FID		ACIS-S-5	7.22	2471	-0.269	-0.002	0.019	0.027	0.000000	0.000000	-1822.31	160.31
3	GUIDE	used	642787720	8.89	4943	-0.320	0.006	0.160	0.230	154.871424	-2.392550	378.73	782.14
4	GUIDE	used	642917112	8.07	4942	-0.013	0.085	0.093	0.165	155.775171	-2.492036	1930.71	-2096.31
5	GUIDE	used	642918904	8.88	4944	0.119	-0.391	0.107	0.177	155.017885	-2.266729	1051.42	605.82
6	GUIDE	used	643301608	9.21	4941	0.301	0.080	0.156	0.354	155.092212	-2.702084	-85.58	-505.37
7	GUIDE	used	643304568	9.78	4929	-0.154	0.230	0.245	0.411	155.432135	-2.692644	635.88	-1490.72

2.4 Star Slots

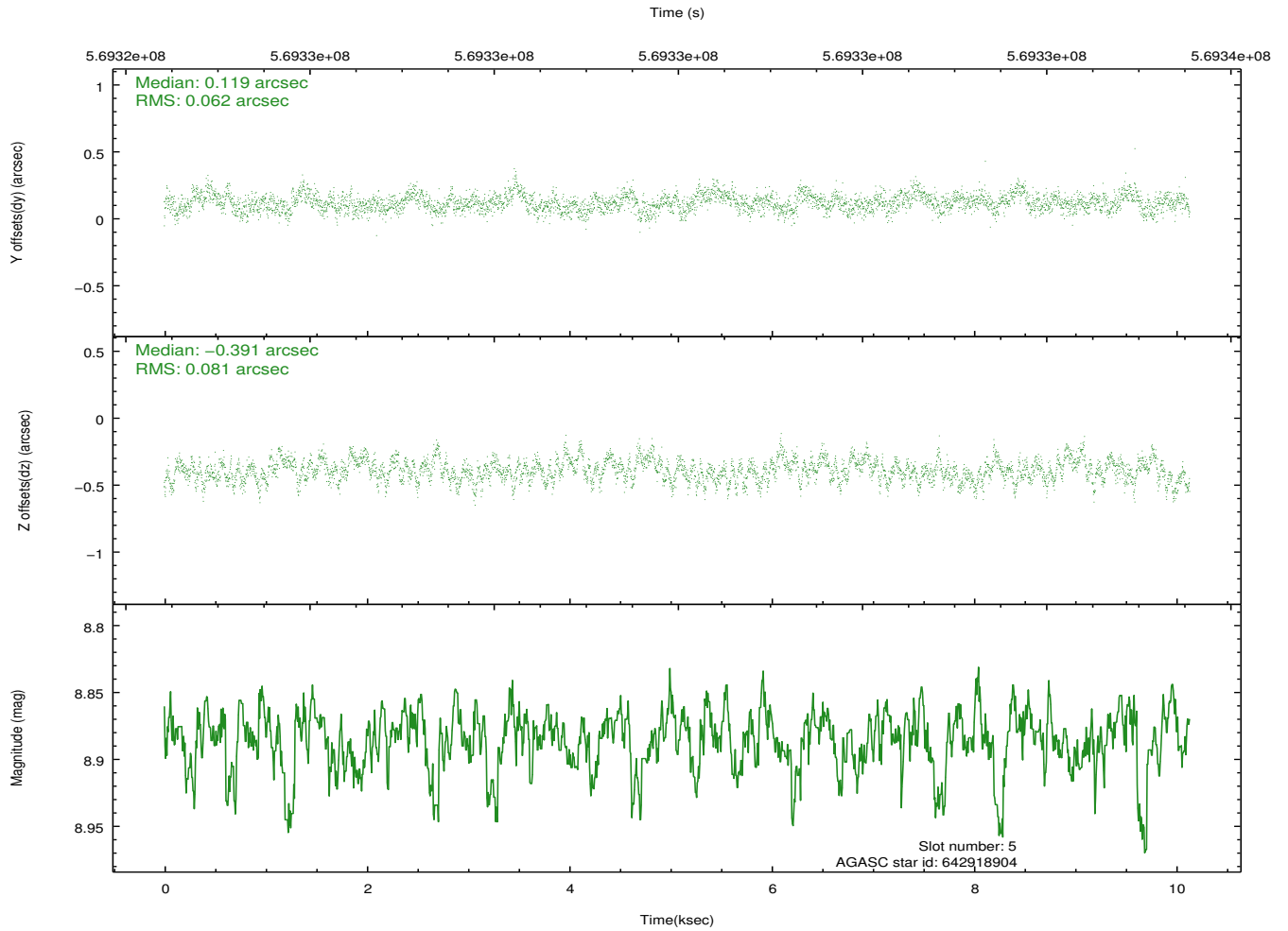
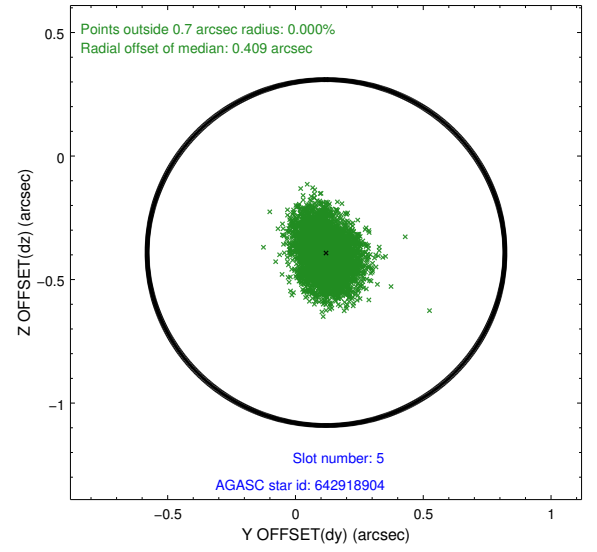
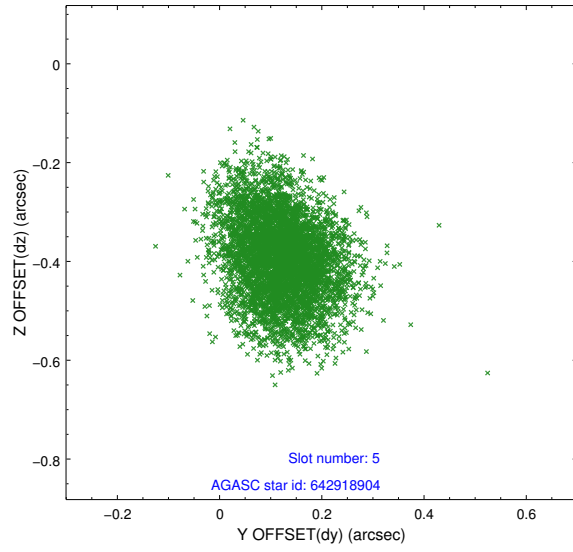
2.4.1 Slot 3



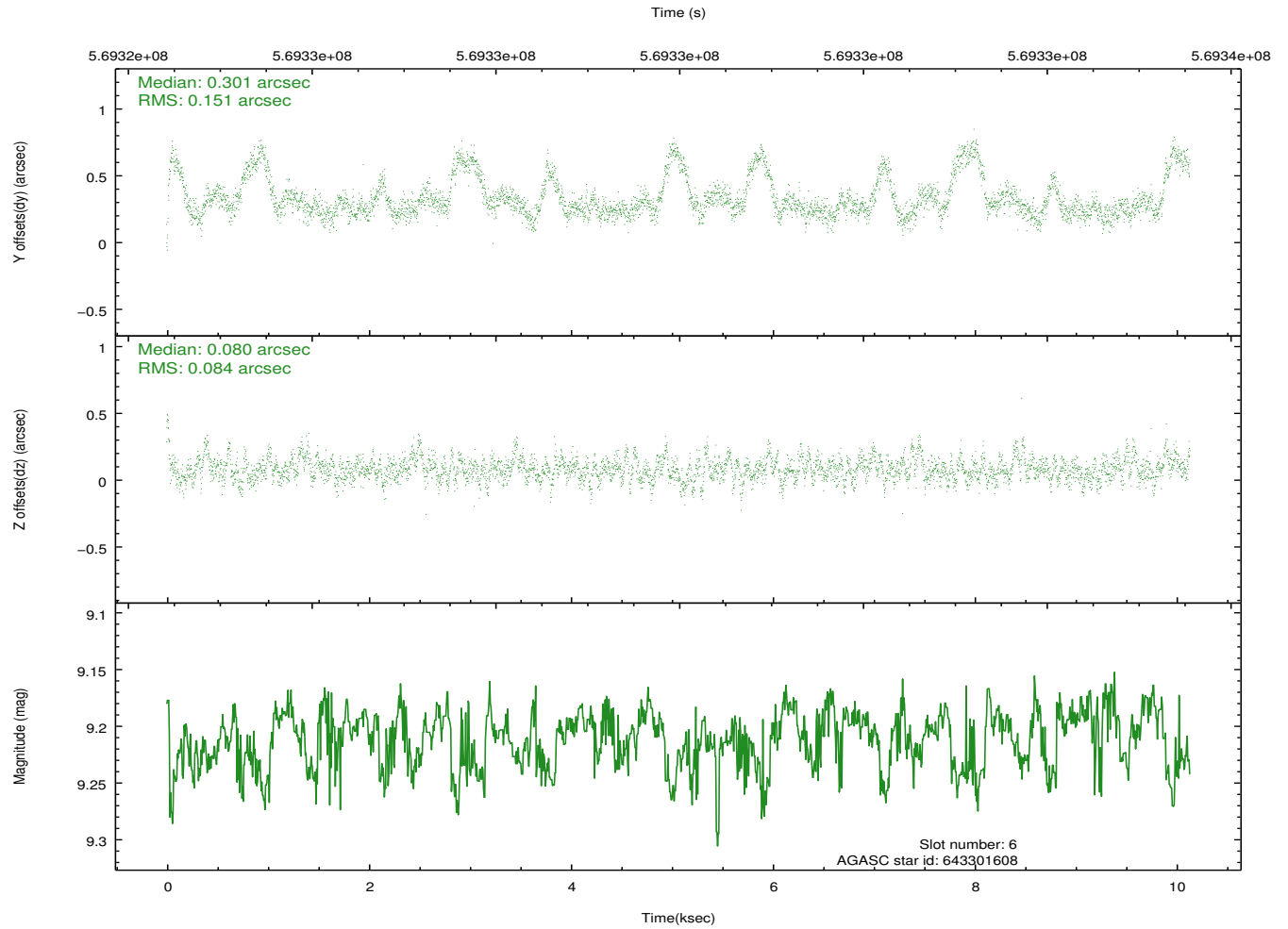
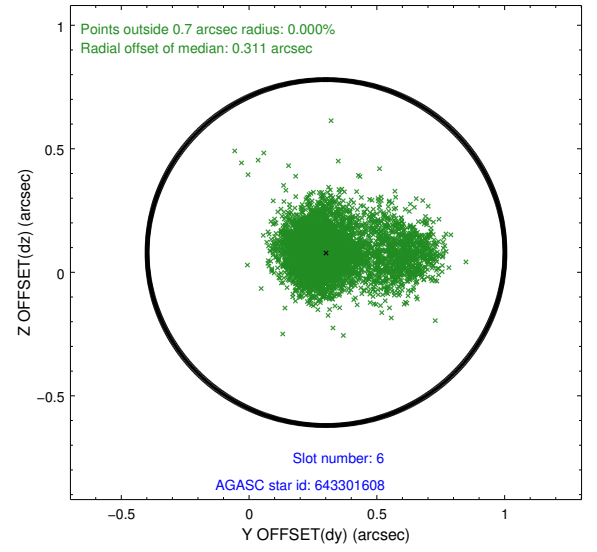
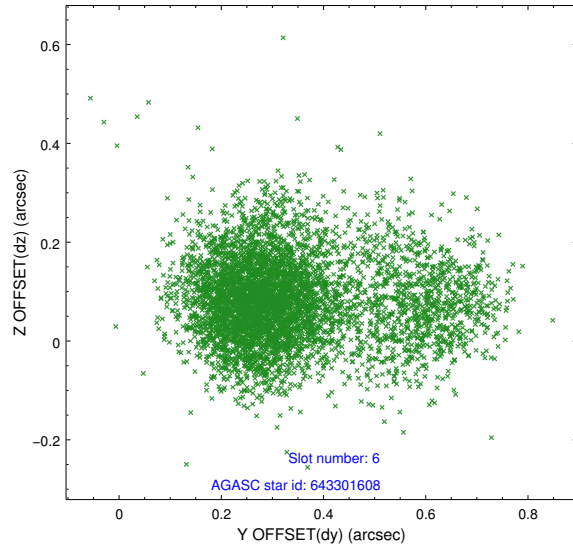
2.4.2 Slot 4



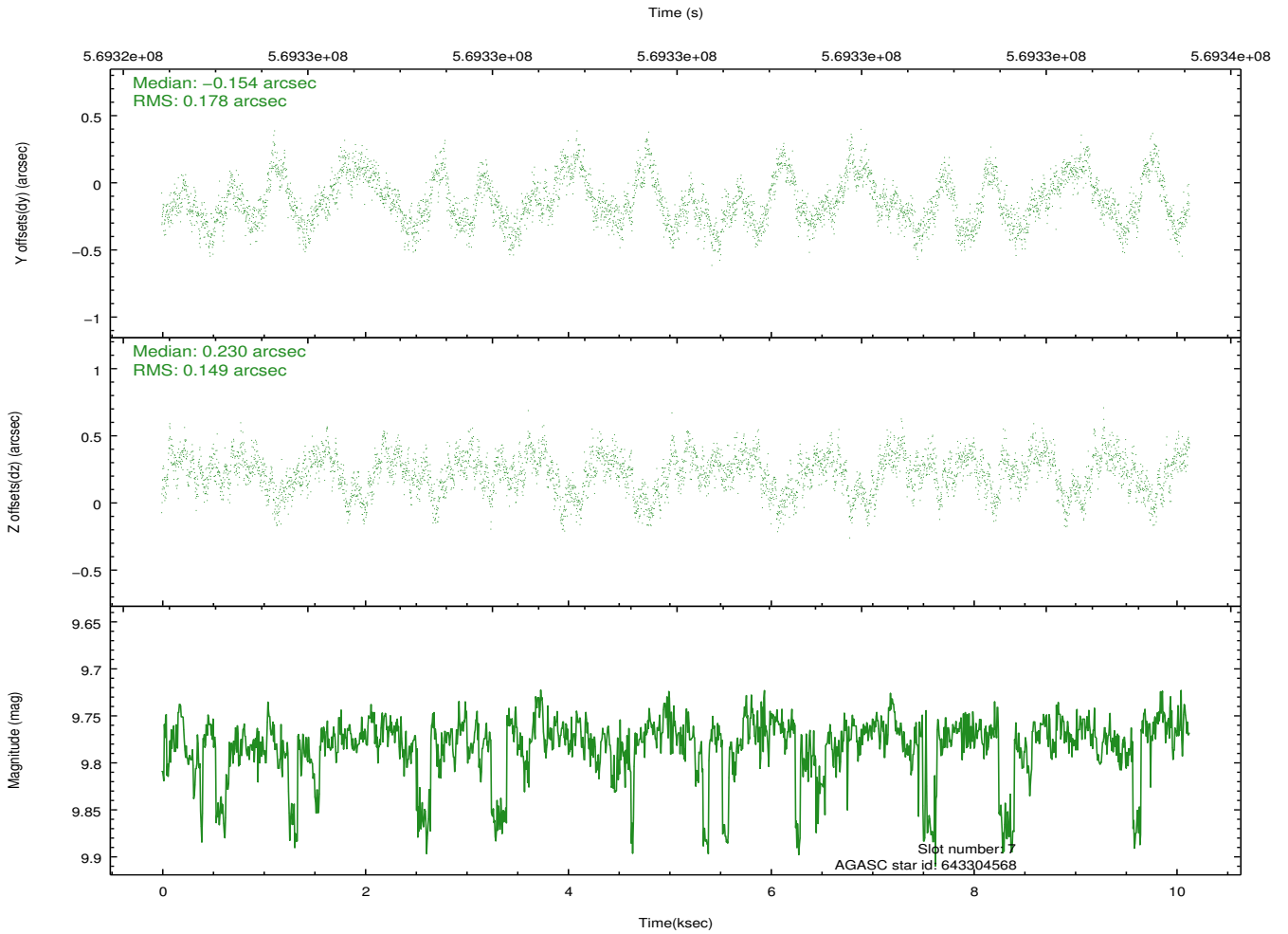
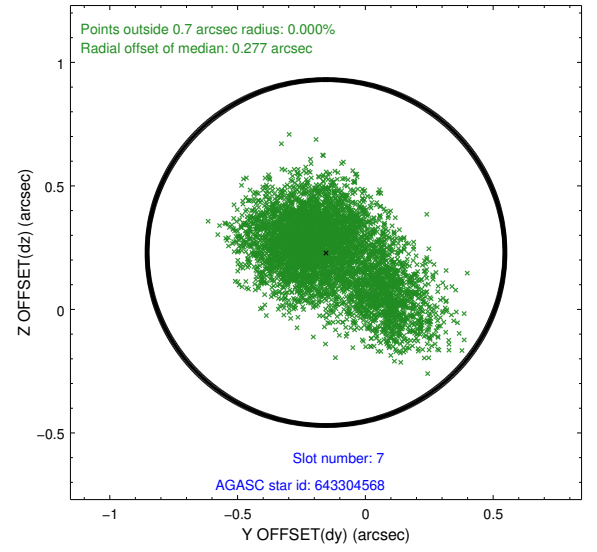
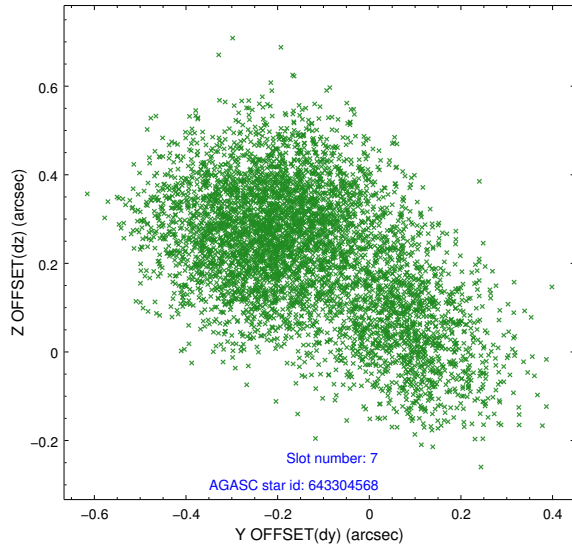
2.4.3 Slot 5



2.4.4 Slot 6

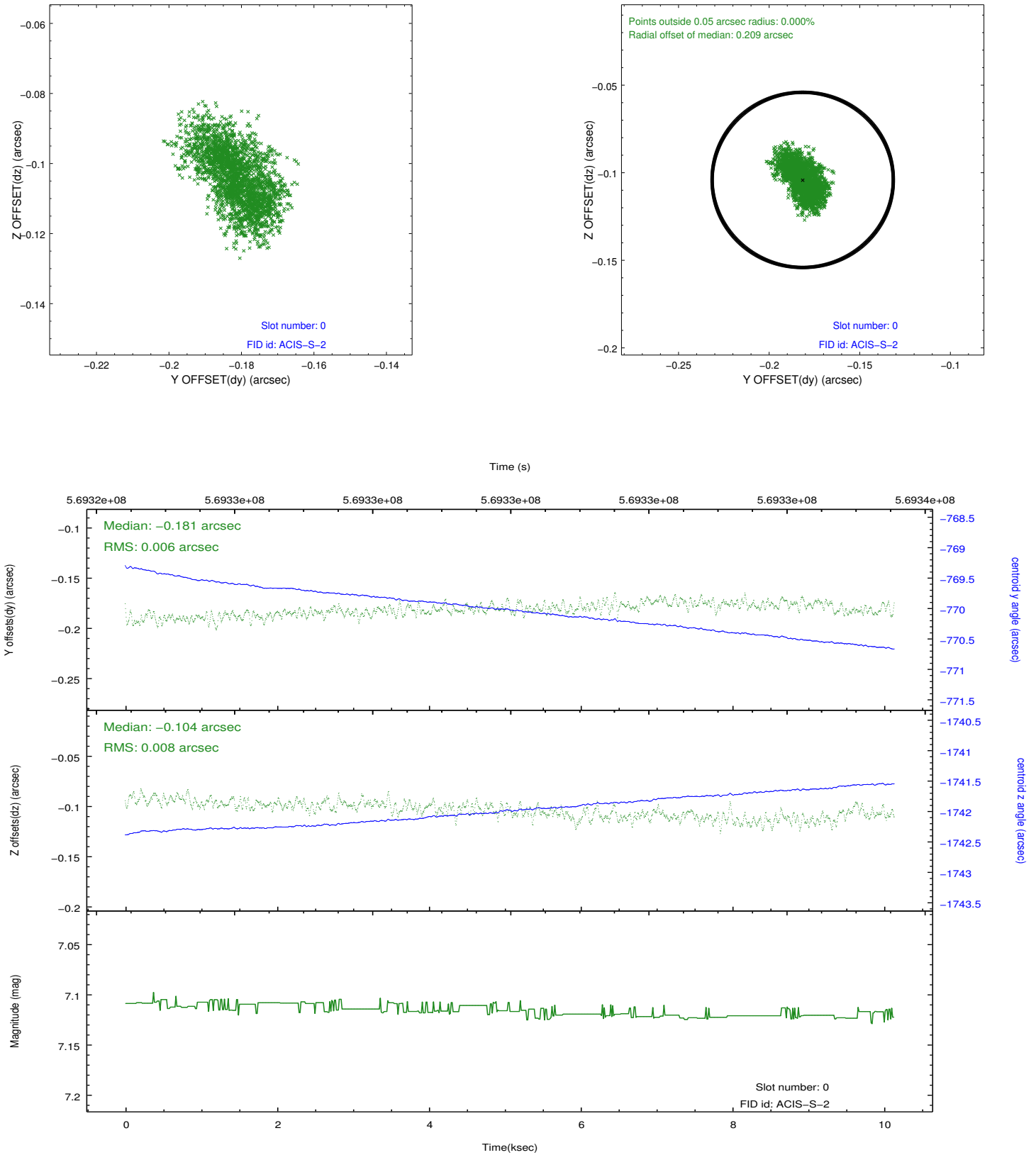


2.4.5 Slot 7

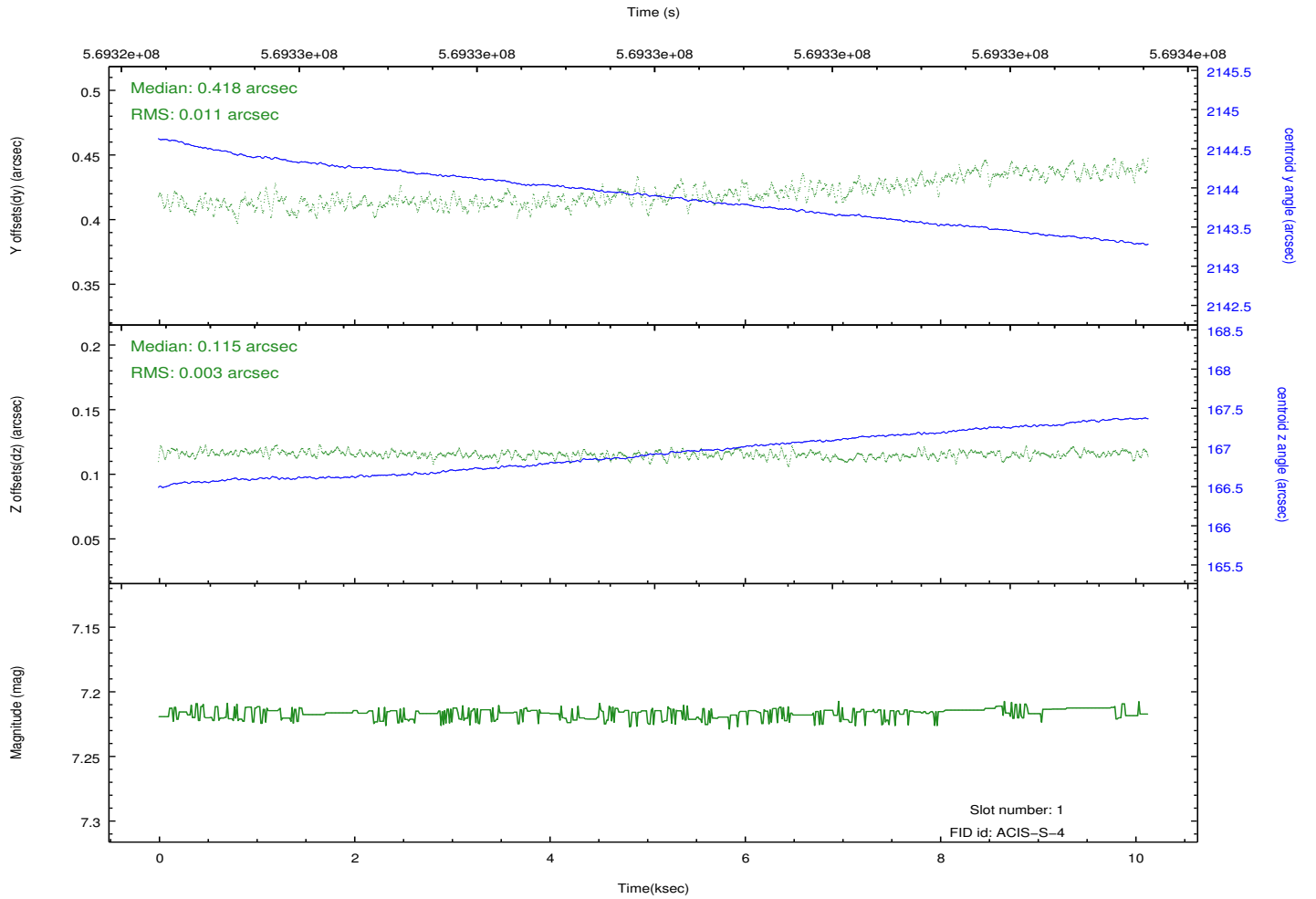
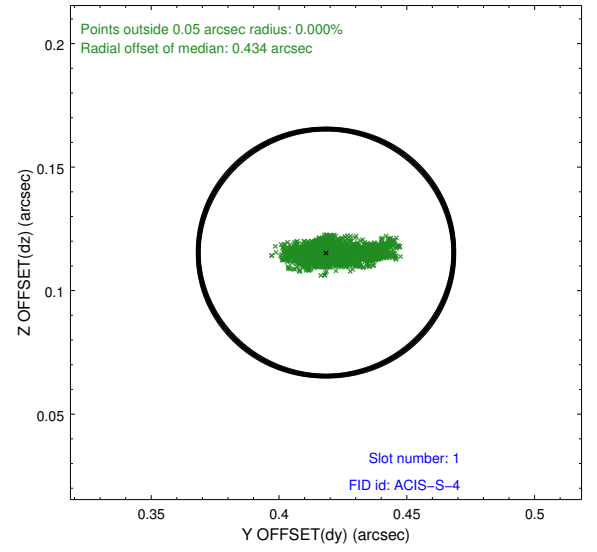
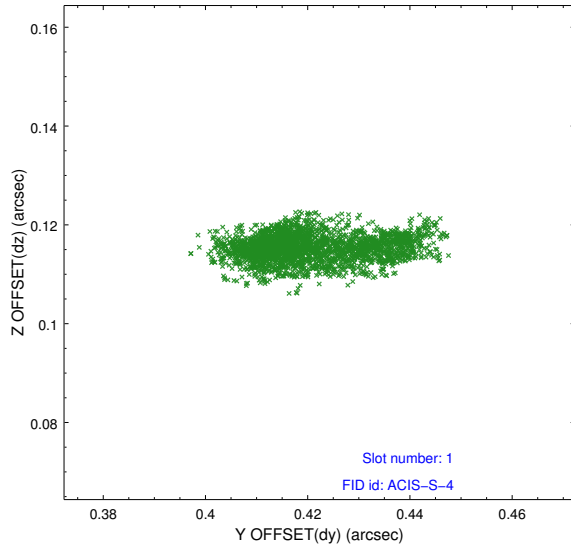


2.5 FID Slots

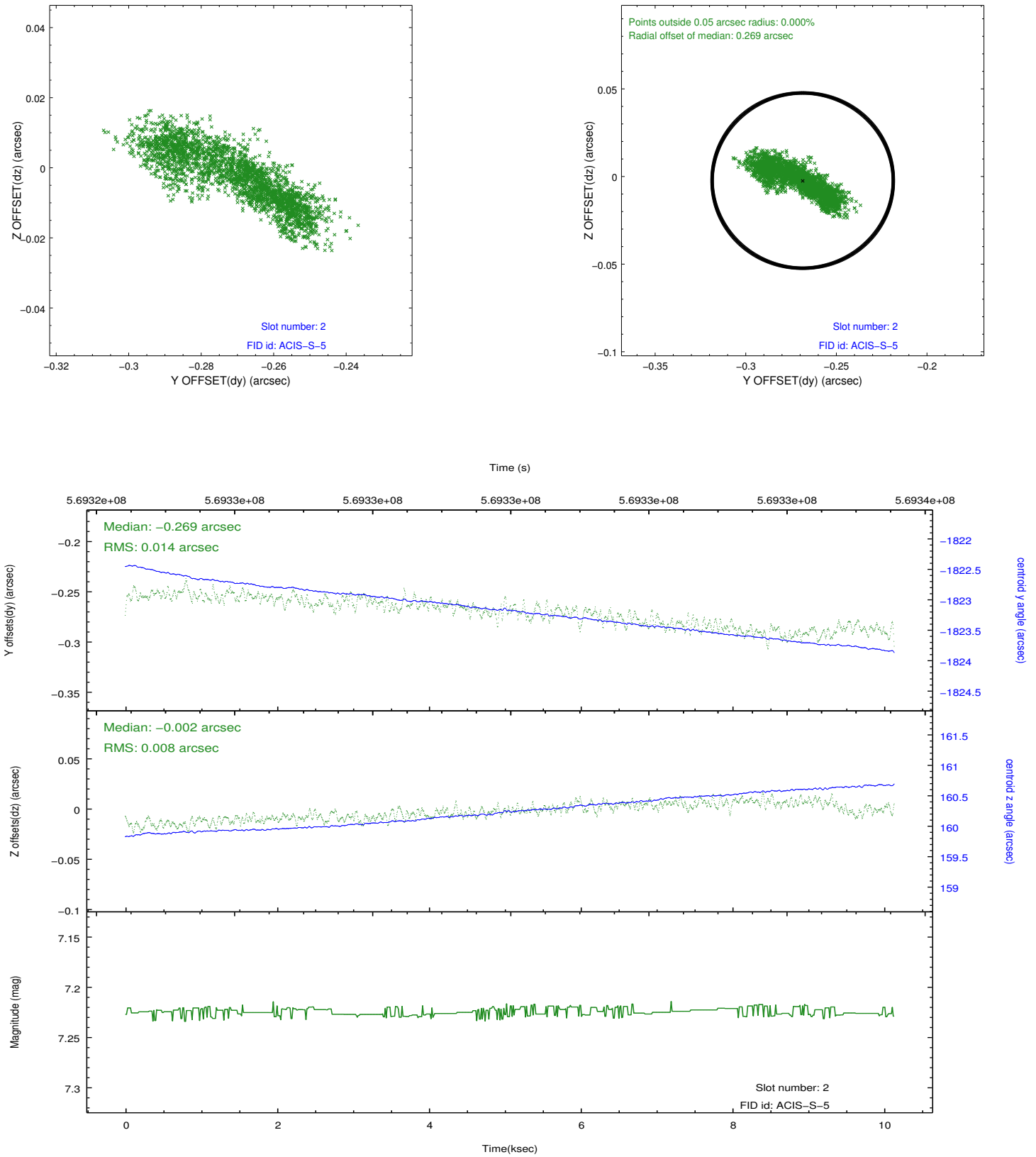
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.069084308386

A.2 Comments