

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4777 - L2 Version 3
Chandra X-Ray Center

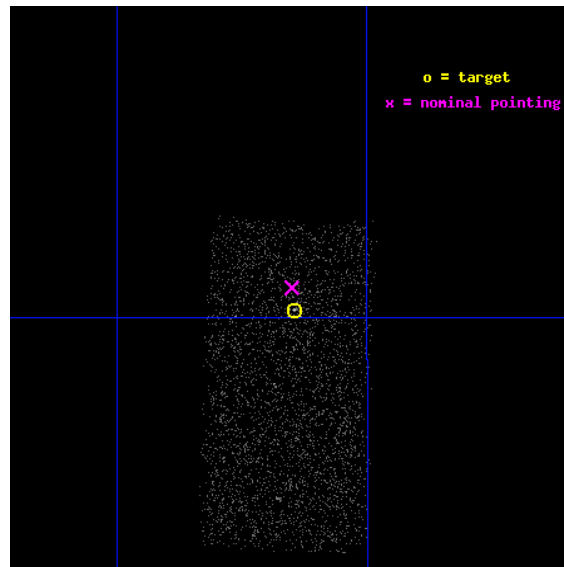
L2 Processing Date : Nov 11 2012

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1 Front

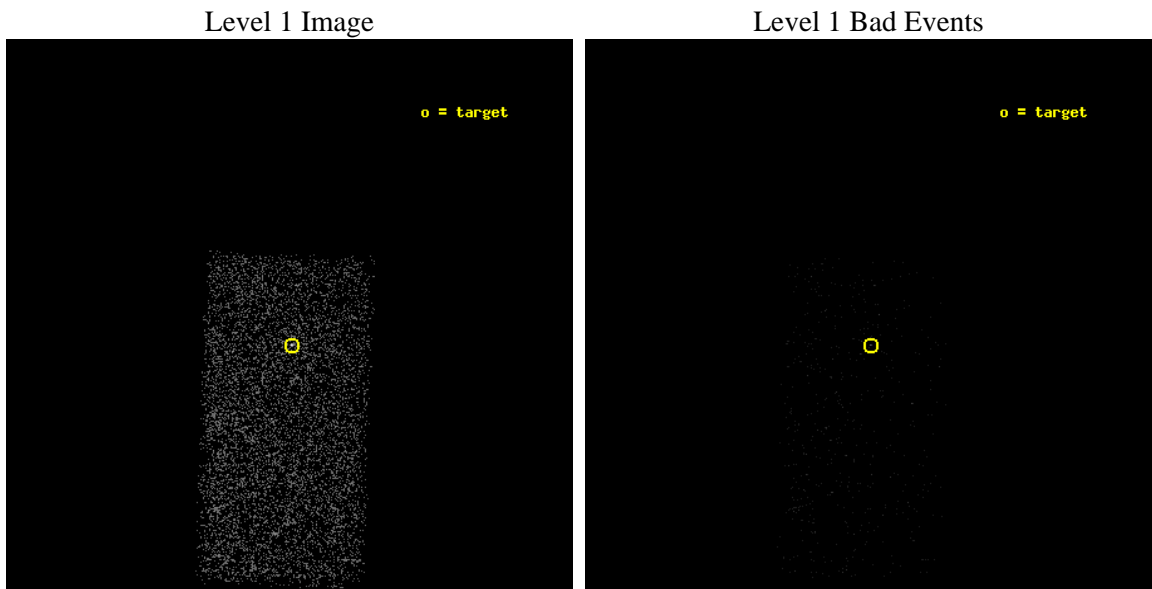
seq_num	700860	Sequence number
obs_id	4777	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1320-262	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.16125	Observer's specified target RA [deg]
dec_targ	29.169972	Observer's specified target Dec [deg]
ra_nom	201.16265586909	Nominal RA [deg]
dec_nom	29.179495581292	Nominal Dec [deg]
roll_nom	91.956207877708	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2057.9589599967	Sum of GTIs [s]
livetime	2003.1527020681	Livetime [s]
ontime7	2057.9589599967	Sum of GTIs [s]
l2events	4028	Number of level 2 events



2 OBI

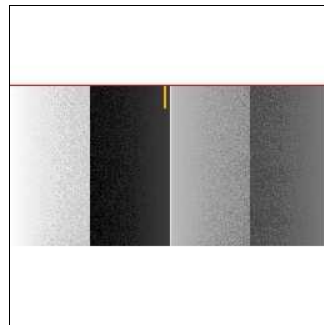
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1891.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2057.9589599967	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	2057.9589599967	Sum of GTIs [s]
date	2012-11-11T16:53:50	Date and time of file creation	l1events	16200	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

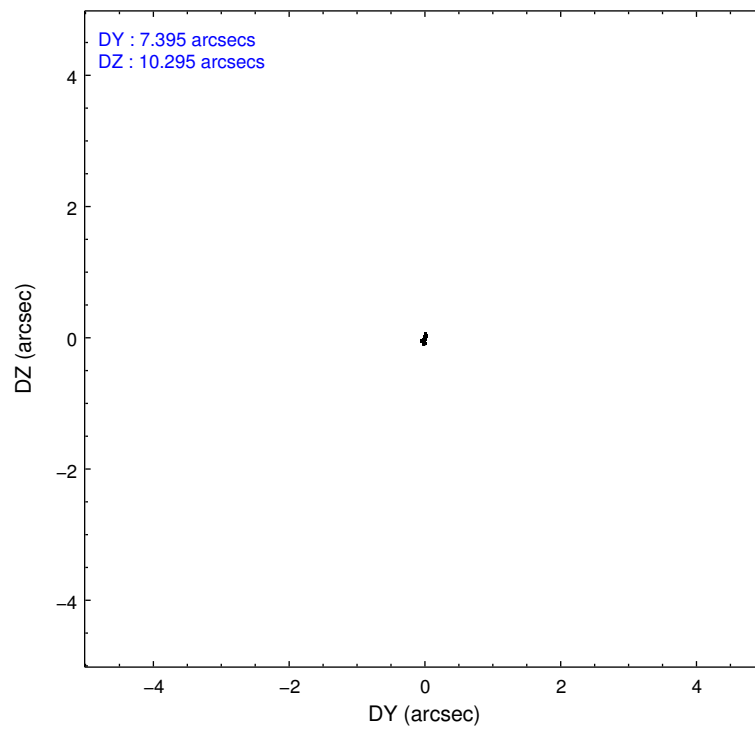
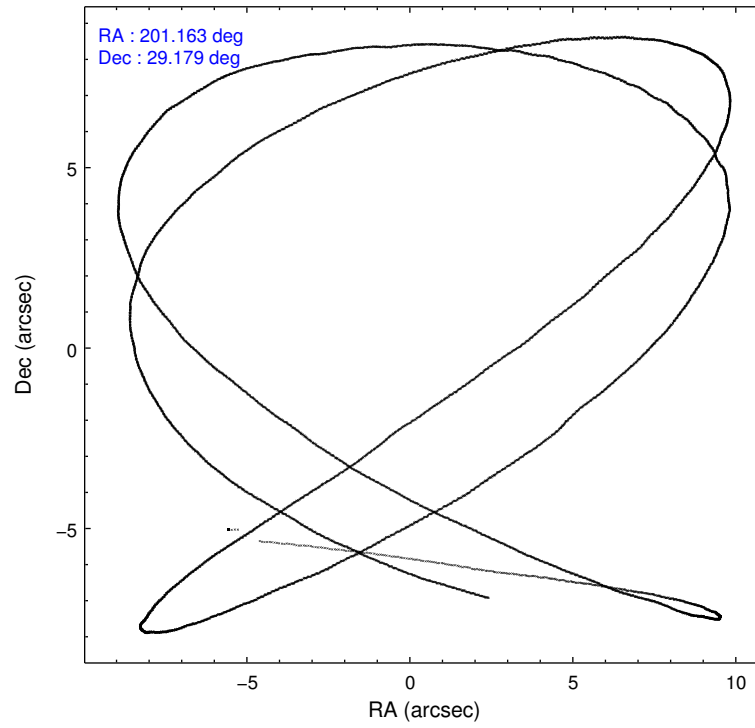
	ccd 7
level 1 events	16200
rejected events	12055
rejected %	74%

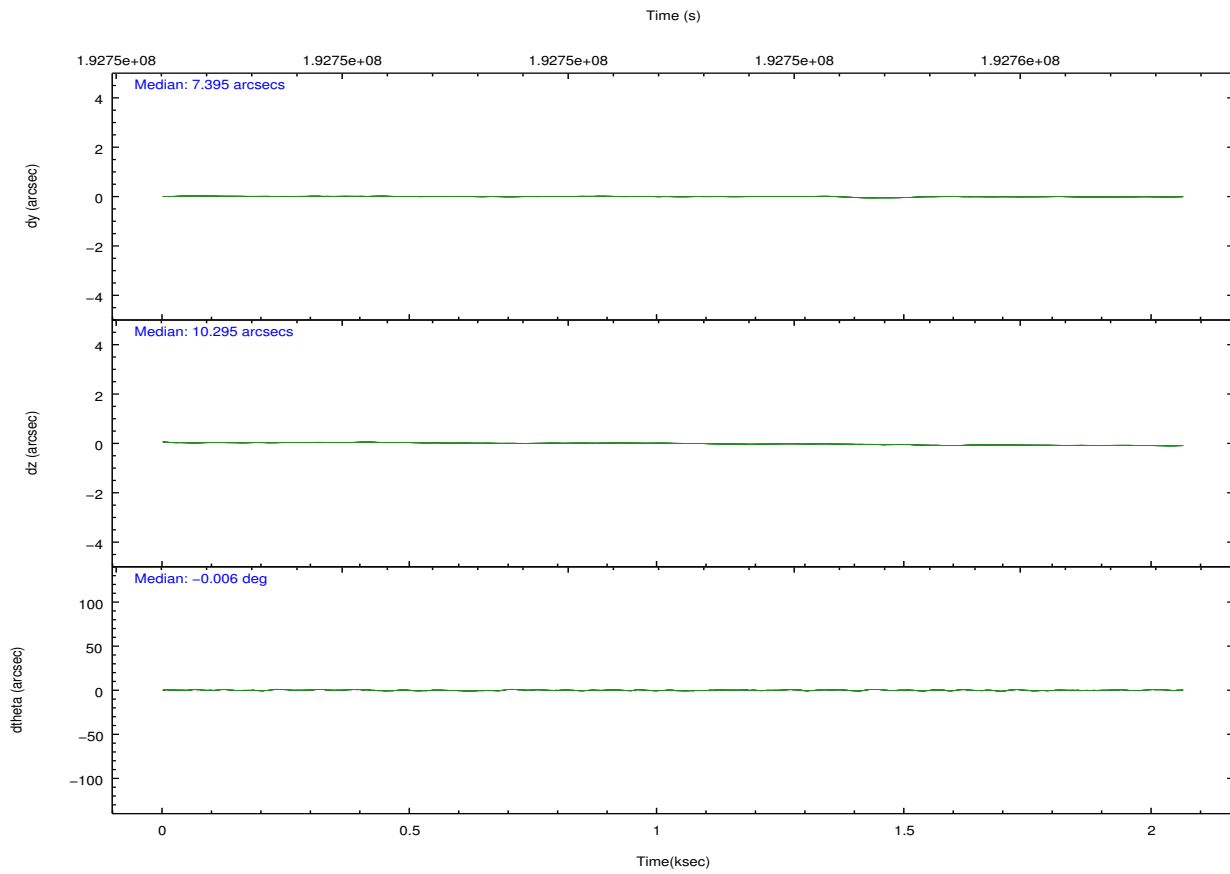
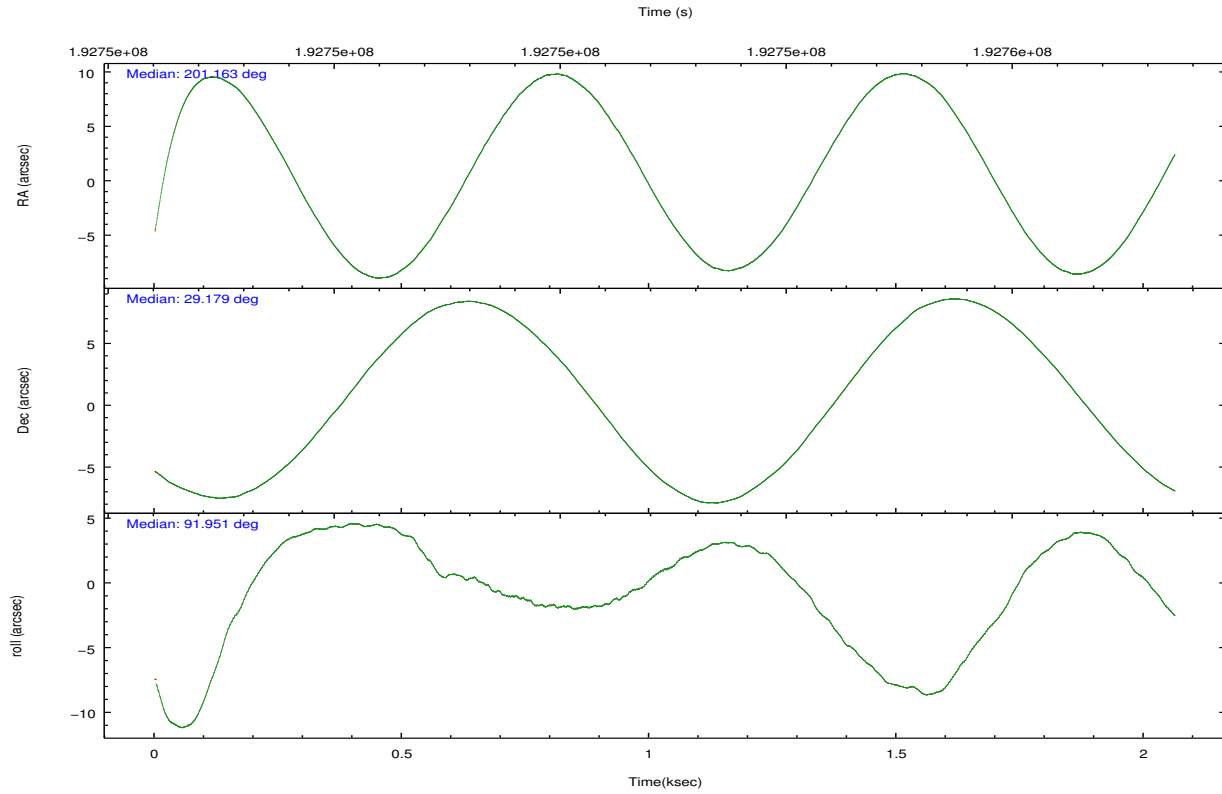
	ccd 7
grade 0 events	780
	4%
grade 1 events	28
	0%
grade 2 events	1408
	8%
grade 3 events	675
	4%
grade 4 events	711
	4%
grade 5 events	1530
	9%
grade 6 events	3574
	22%
grade 7 events	7494
	46%

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	201.179681	201.1626558690856	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	29.156640	29.17949558129236	Subarray start row	257	257
[deg] Pointing Roll	91.791309	91.95620787770834	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	192753374.184000	192751543.2734			
Observation start date	2004-02-09T22:35:10	2004-02-09T22:05:43			
[s] Observation end time (MET)	192755265.184000	192756066.0861			
Observation end date	2004-02-09T23:06:41	2004-02-09T23:21:06			
Read mode	TIMED	TIMED			

2.3 Aspect



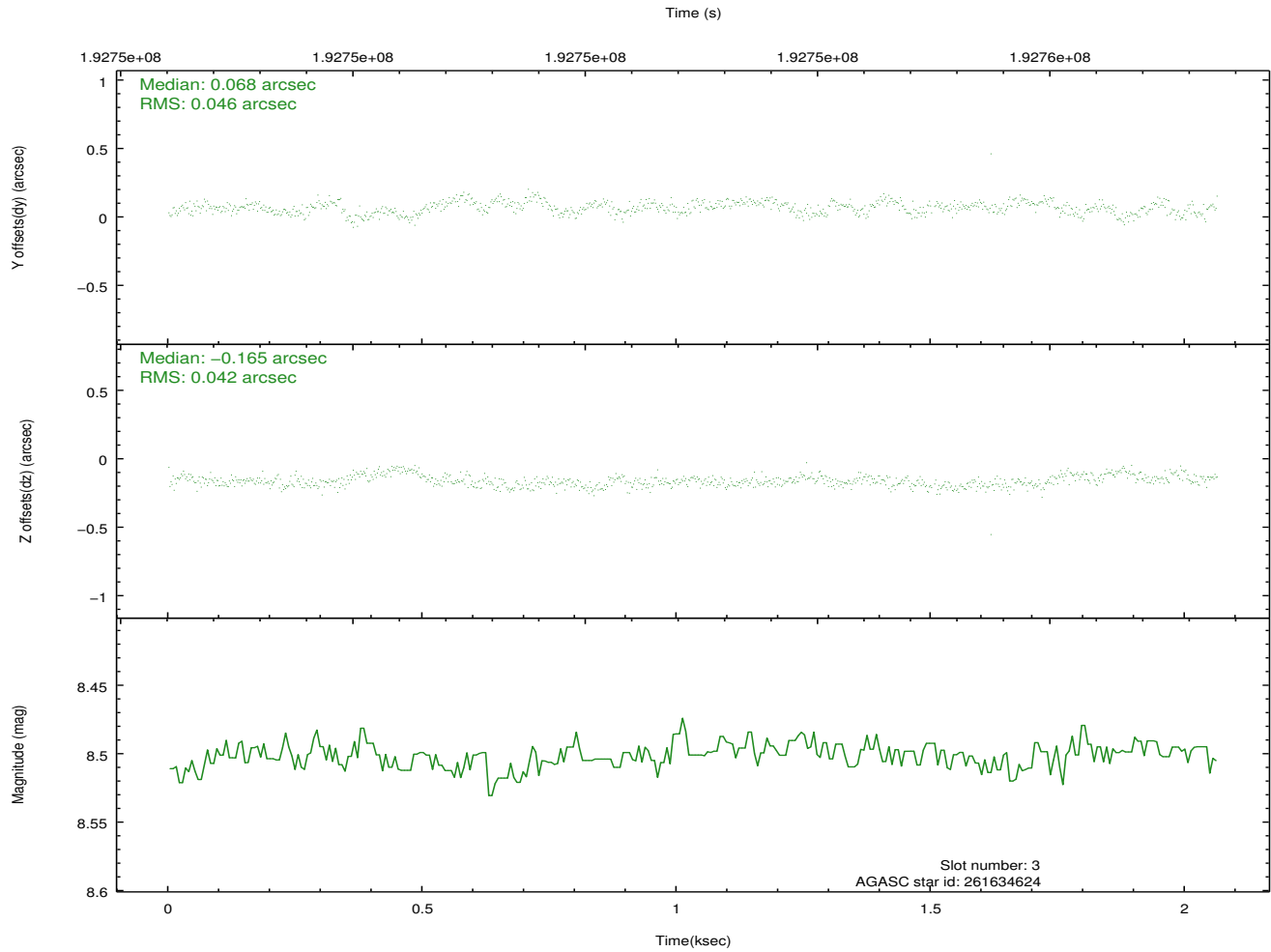
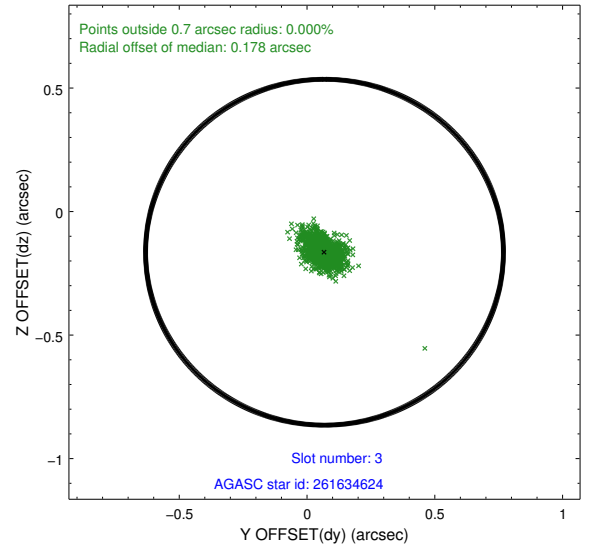
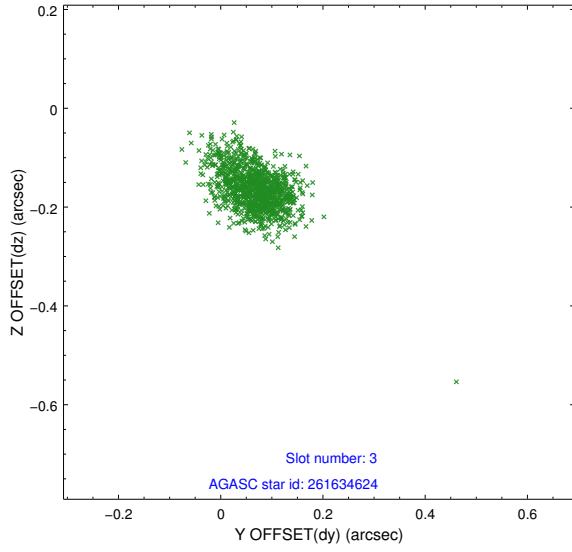


Slot Statistics

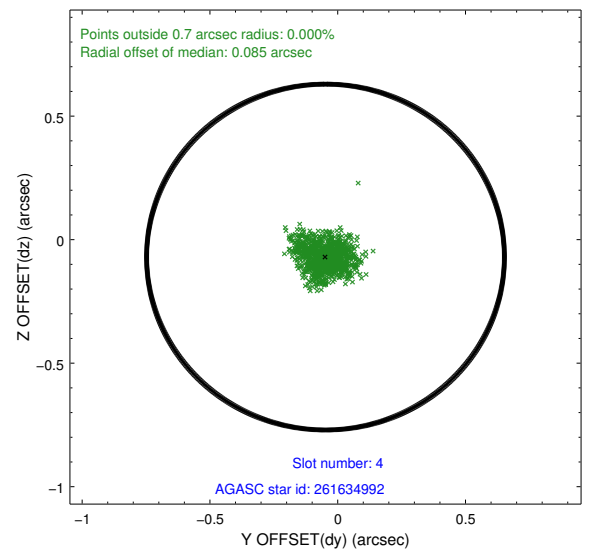
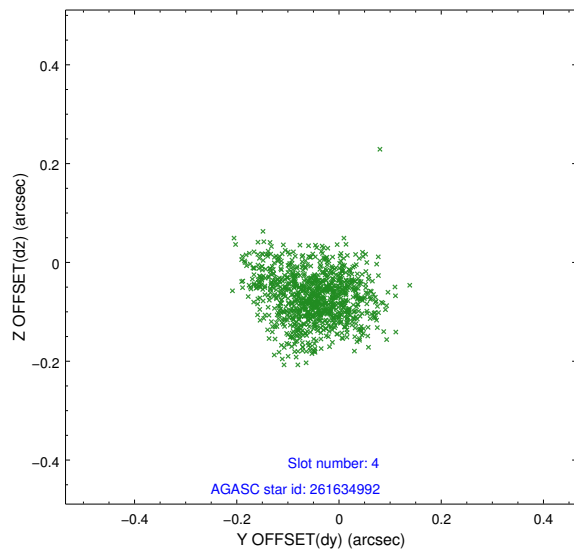
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.17	502	0.025	-0.040	0.006	0.011	0.000000	0.000000	935.92	-1727.20
1	FID	ACIS-S-5	7.23	502	-0.045	0.019	0.006	0.010	0.000000	0.000000	-1811.38	167.12
2	FID	ACIS-S-6	7.34	502	-0.000	0.033	0.007	0.012	0.000000	0.000000	398.00	814.70
3	GUIDE	261634624	8.50	1005	0.068	-0.165	0.063	0.106	200.748061	28.522128	-2237.86	1435.48
4	GUIDE	261634992	8.54	1005	-0.048	-0.070	0.085	0.132	200.763863	29.074625	-254.11	1318.08
5	GUIDE	261635072	9.39	1004	0.015	0.188	0.119	0.194	200.638913	28.520080	-2233.36	1782.42
6	GUIDE	261635280	9.43	1005	-0.067	-0.091	0.103	0.159	200.698979	28.862615	-1009.79	1549.32
7	GUIDE	262541040	8.13	1004	0.022	0.129	0.091	0.156	201.795177	28.874292	-1072.11	-1906.25

2.4 Star Slots

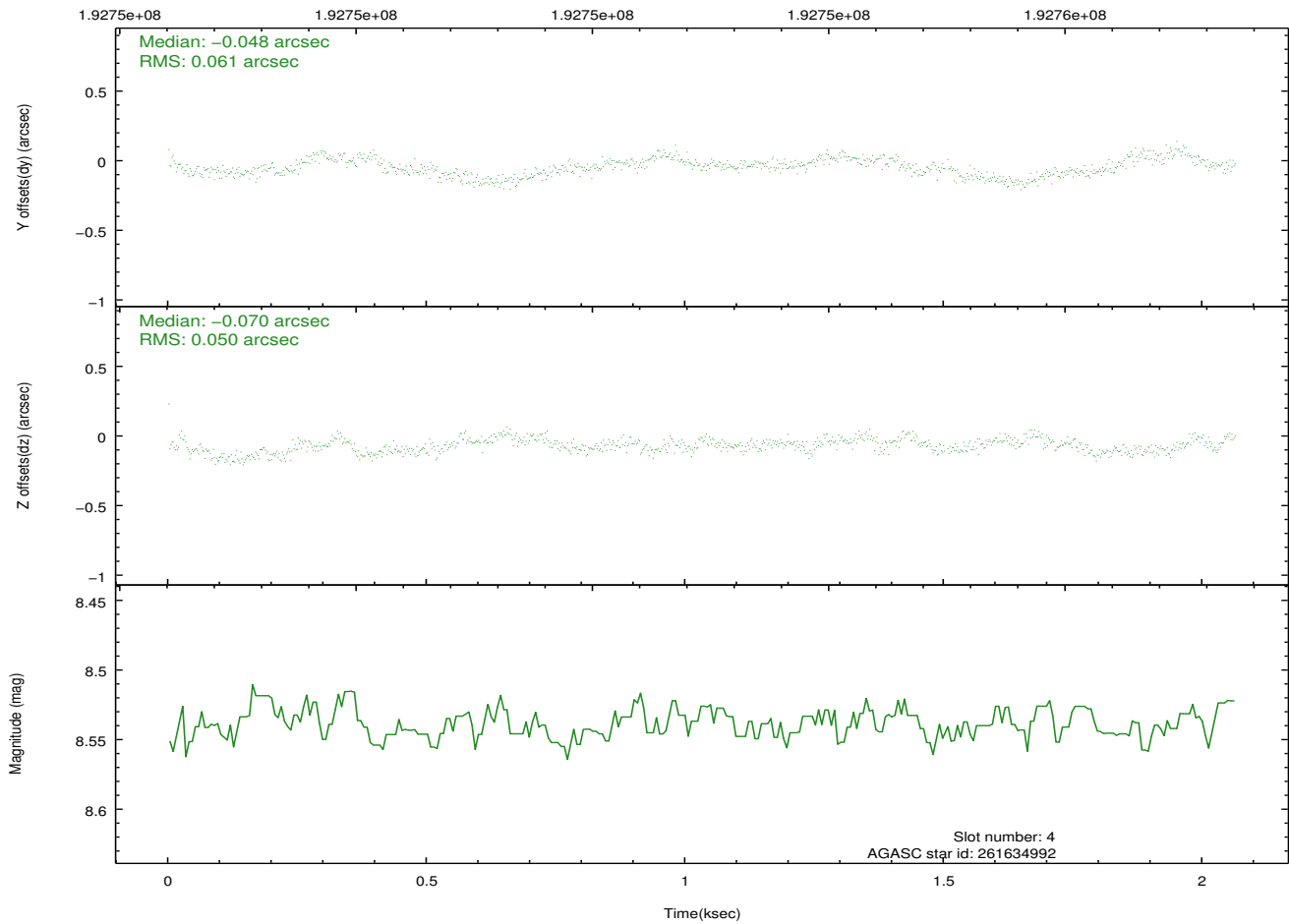
2.4.1 Slot 3



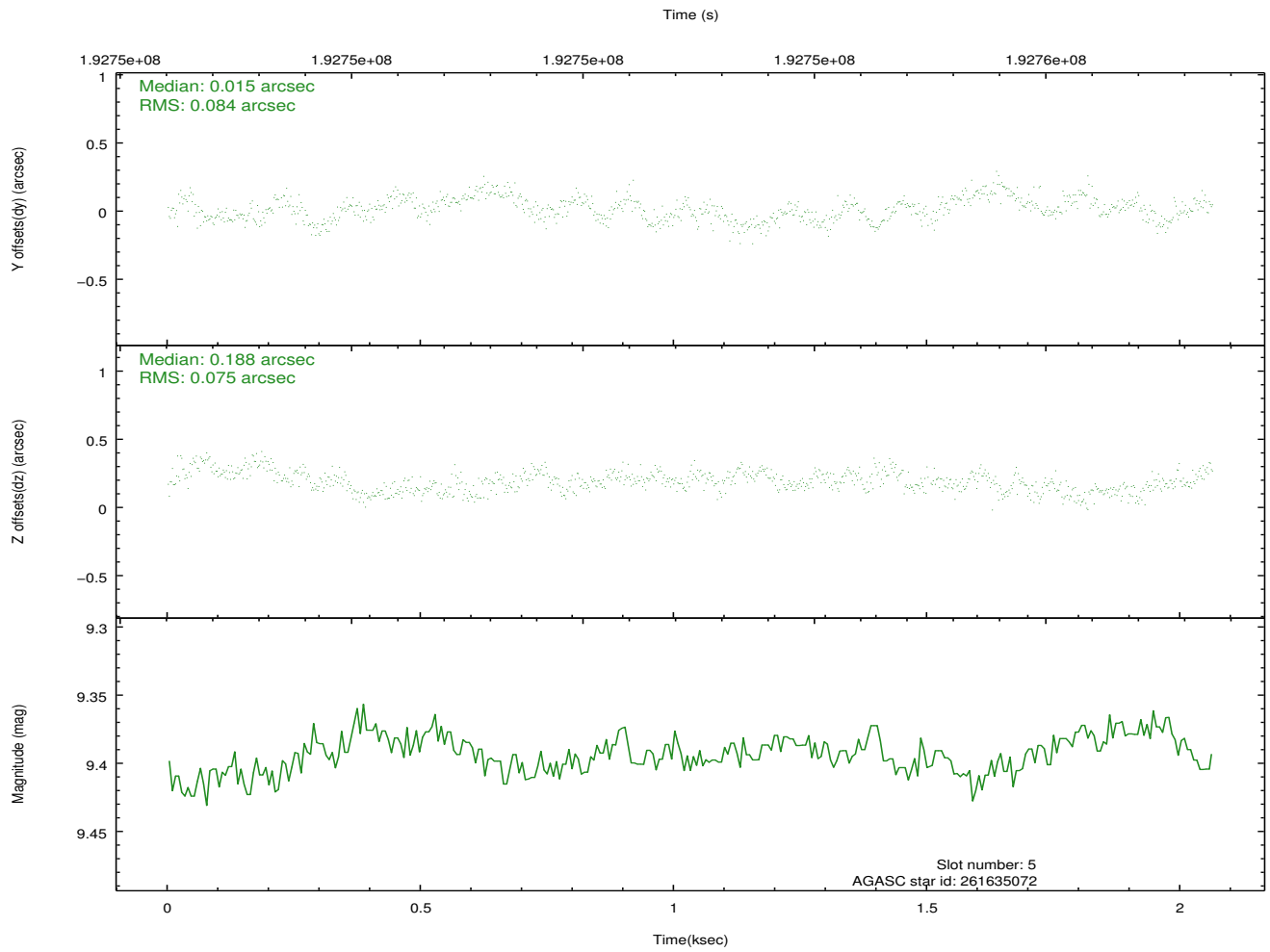
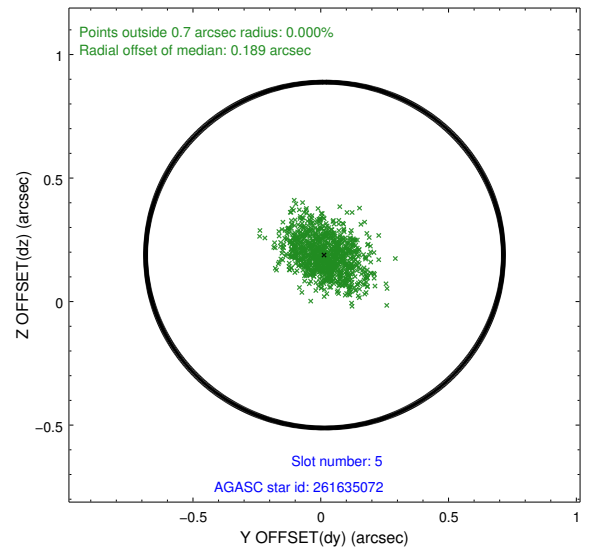
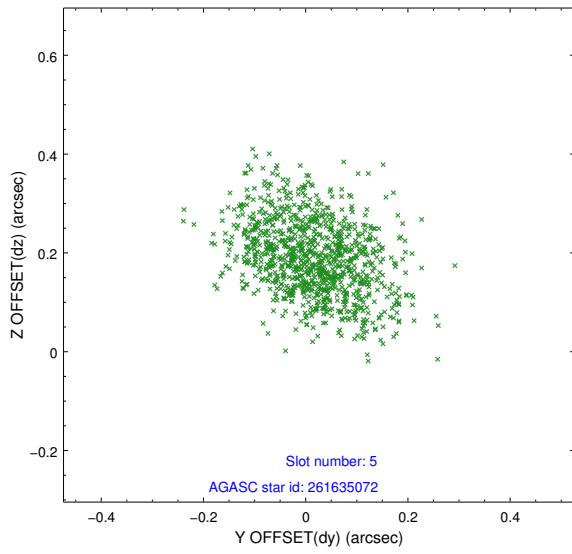
2.4.2 Slot 4



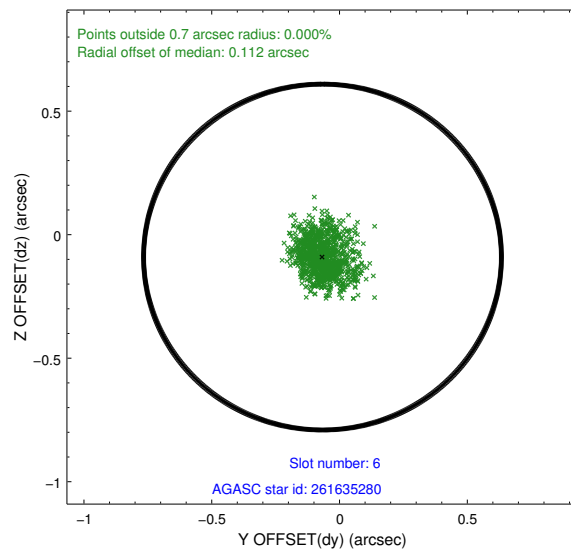
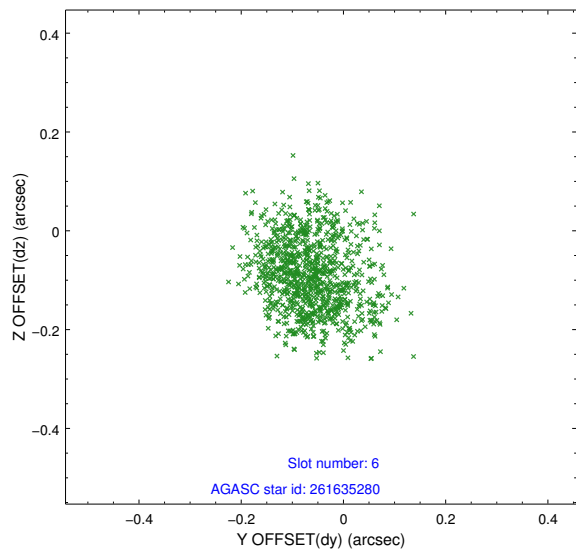
Time (s)



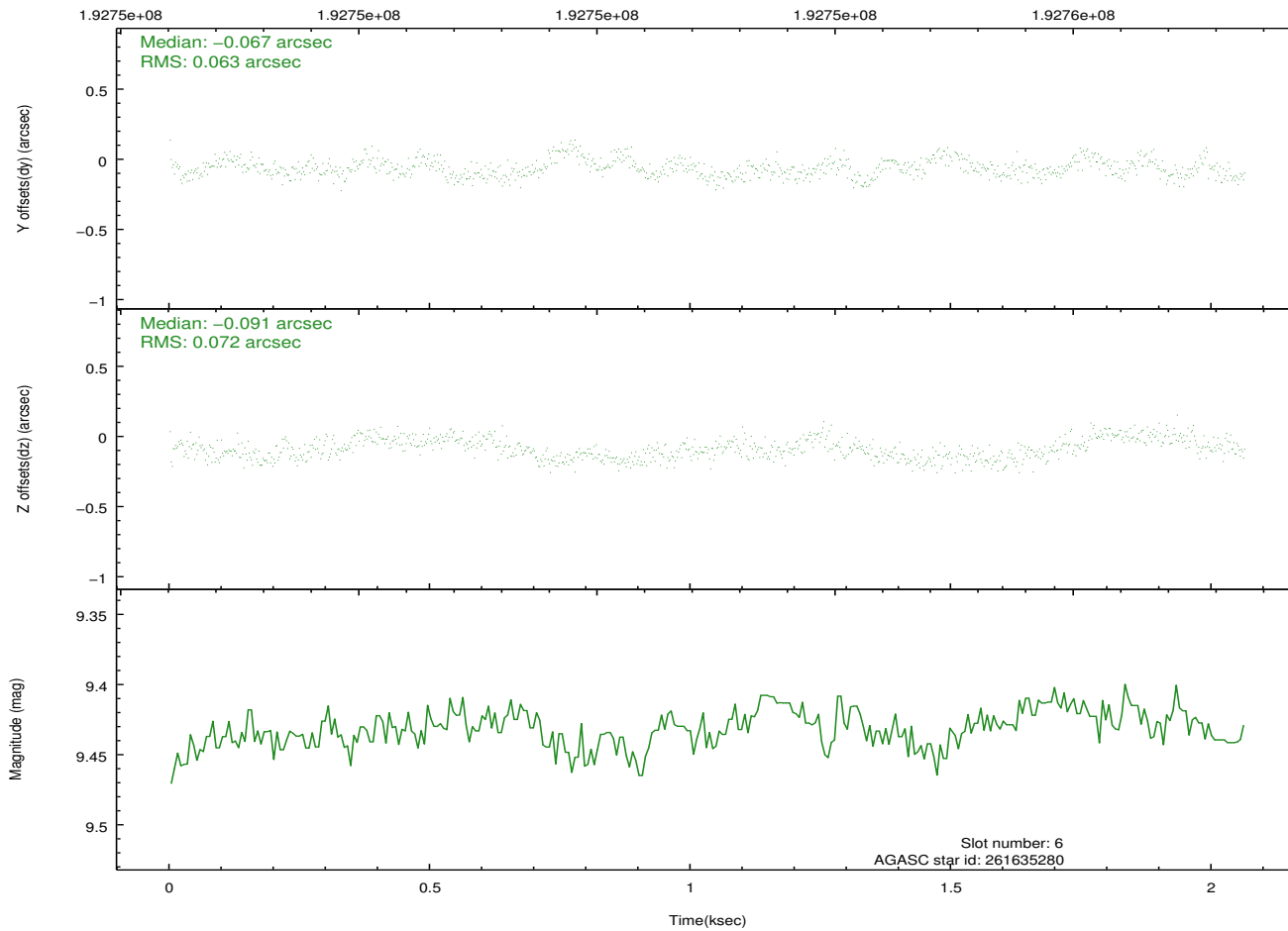
2.4.3 Slot 5



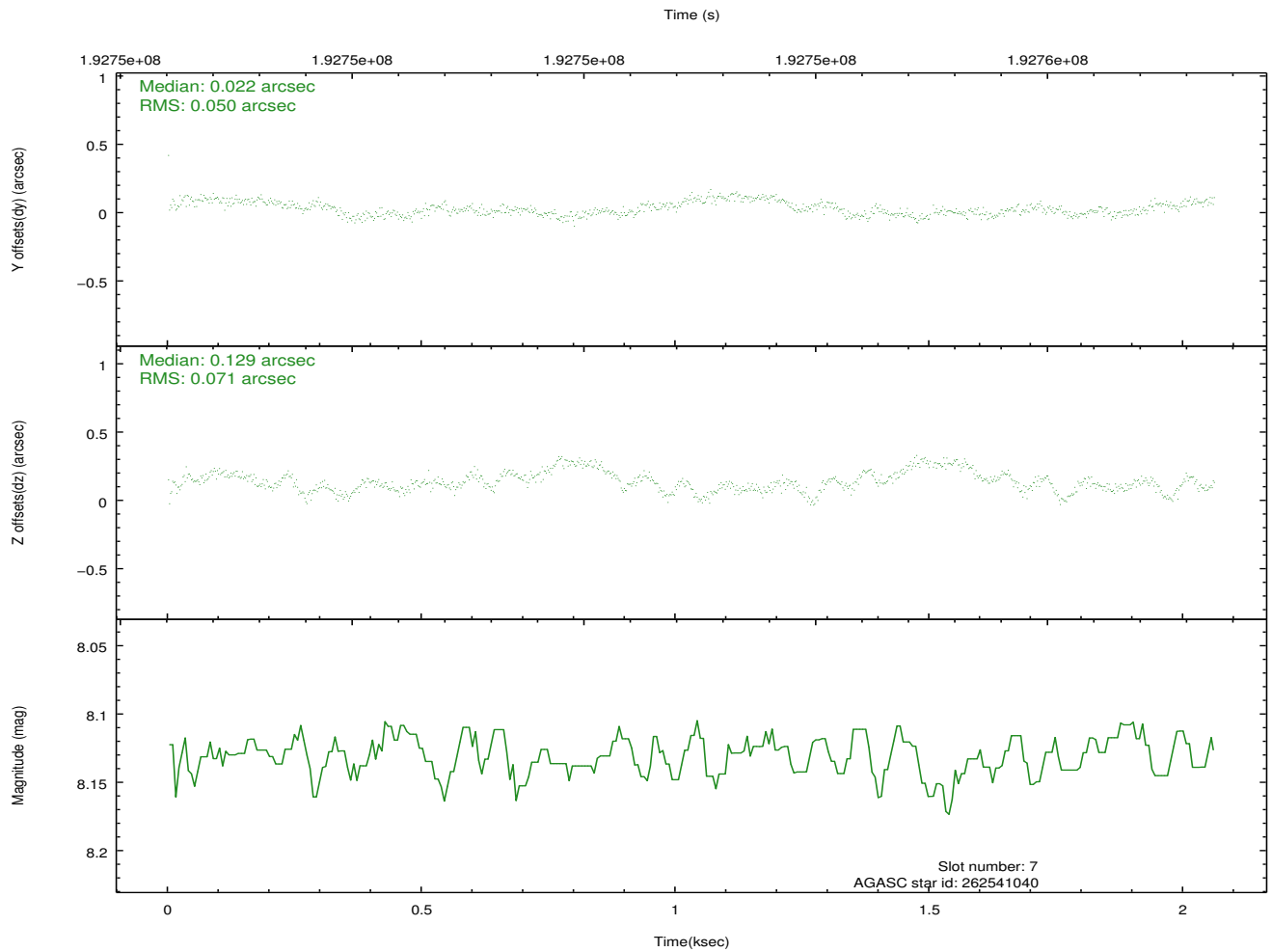
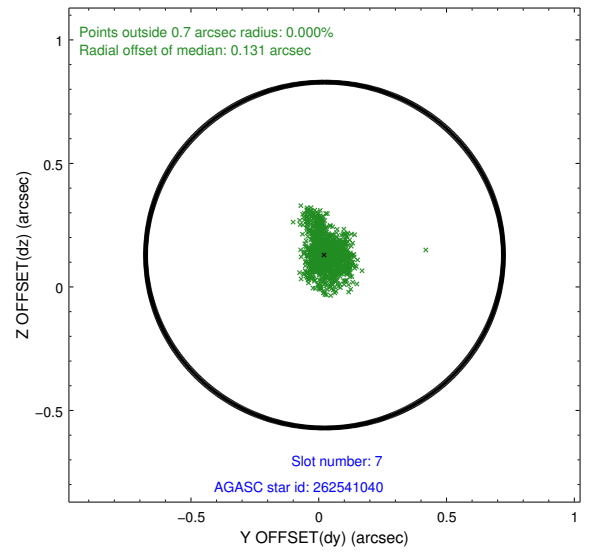
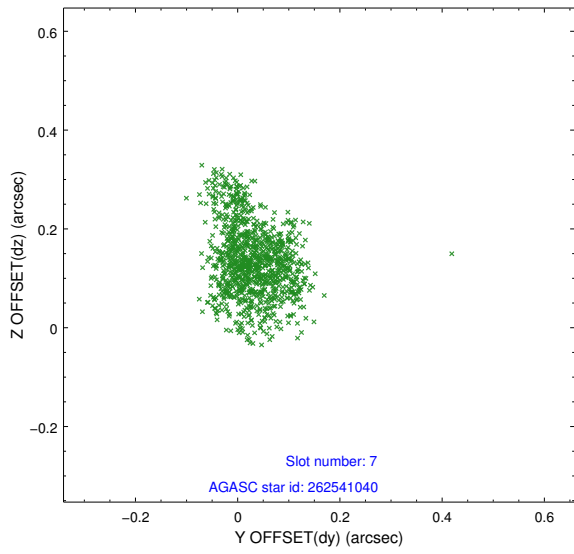
2.4.4 Slot 6



Time (s)

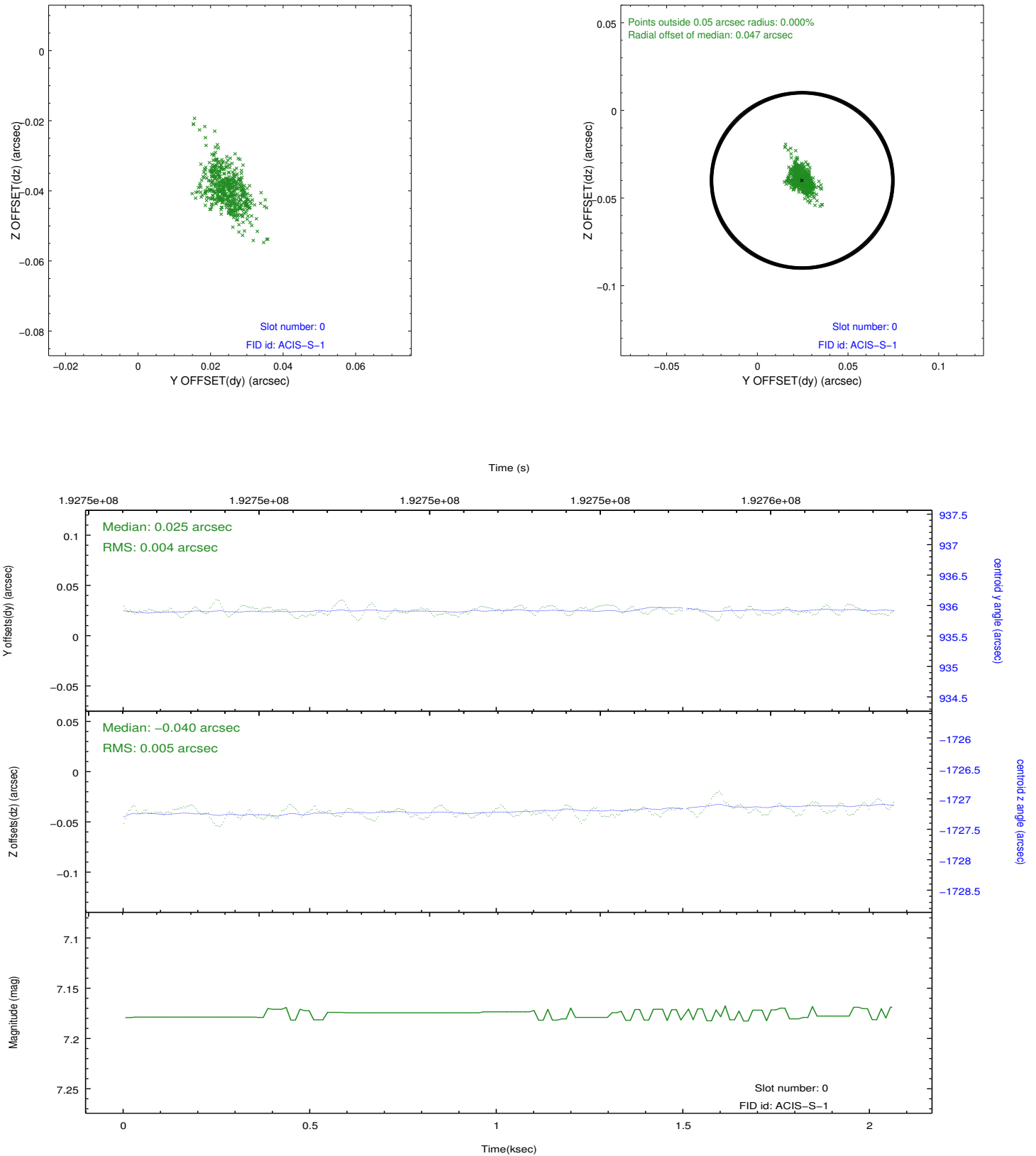


2.4.5 Slot 7

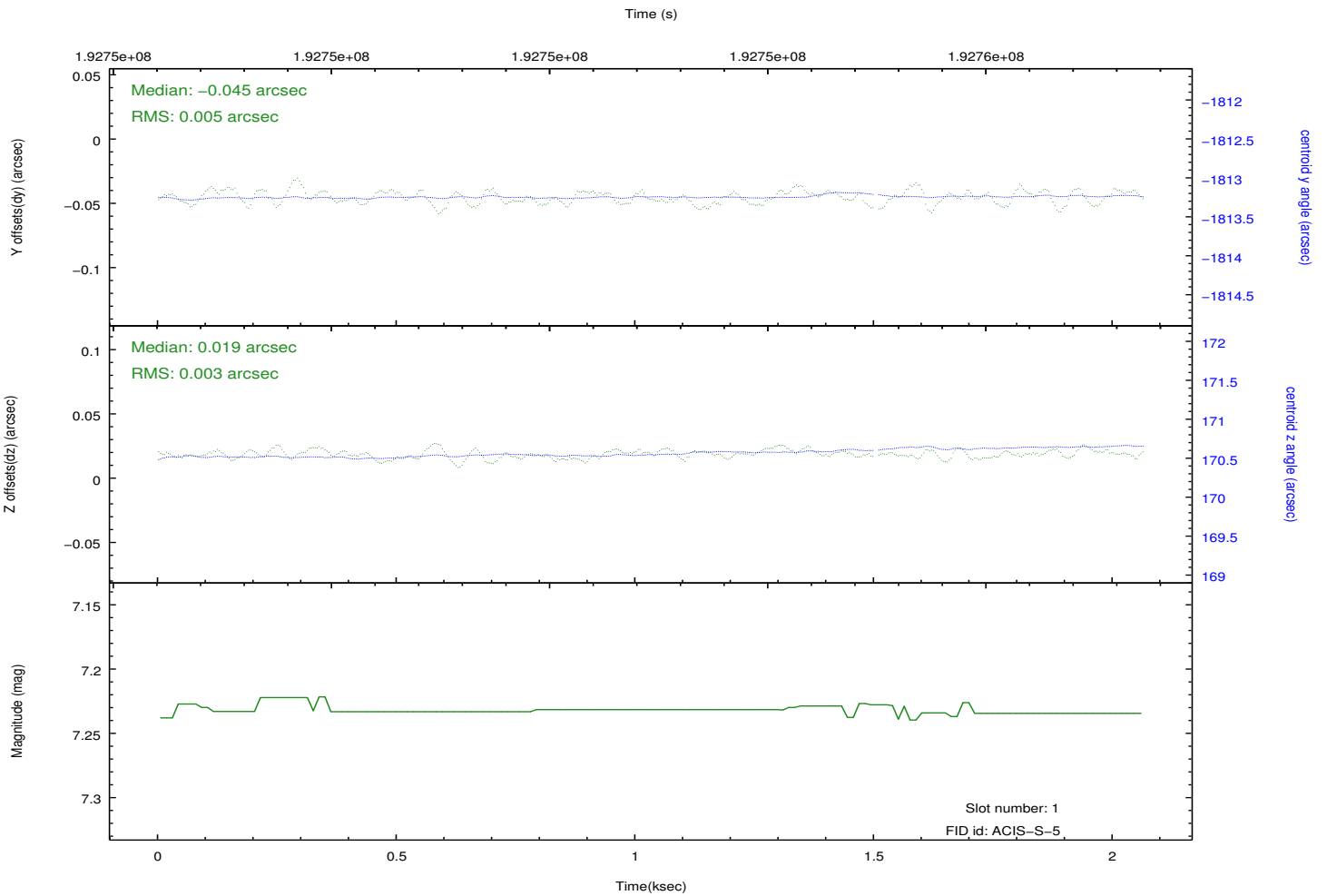
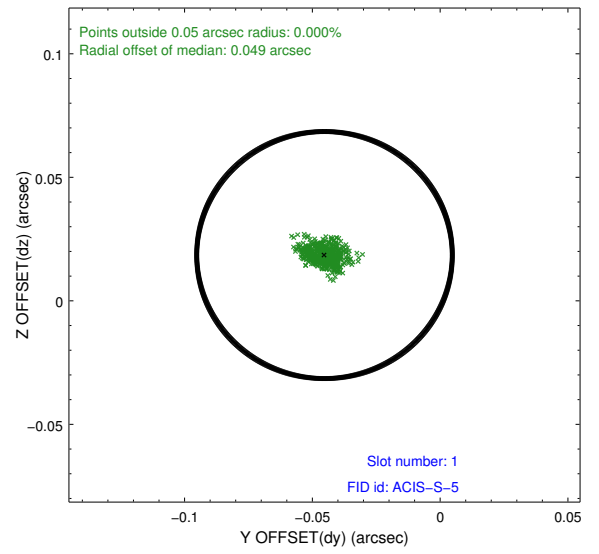
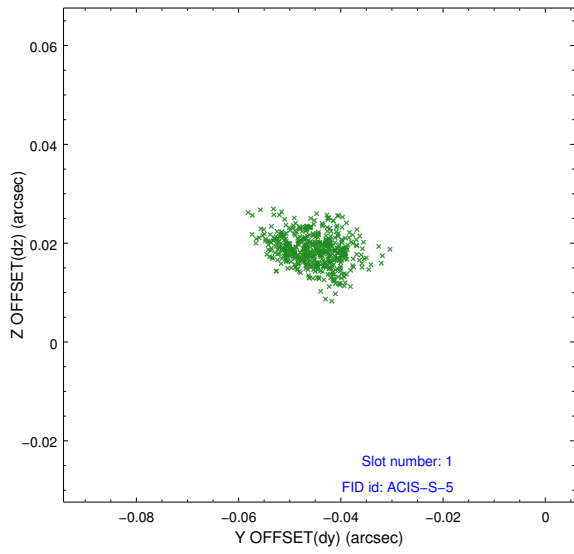


2.5 FID Slots

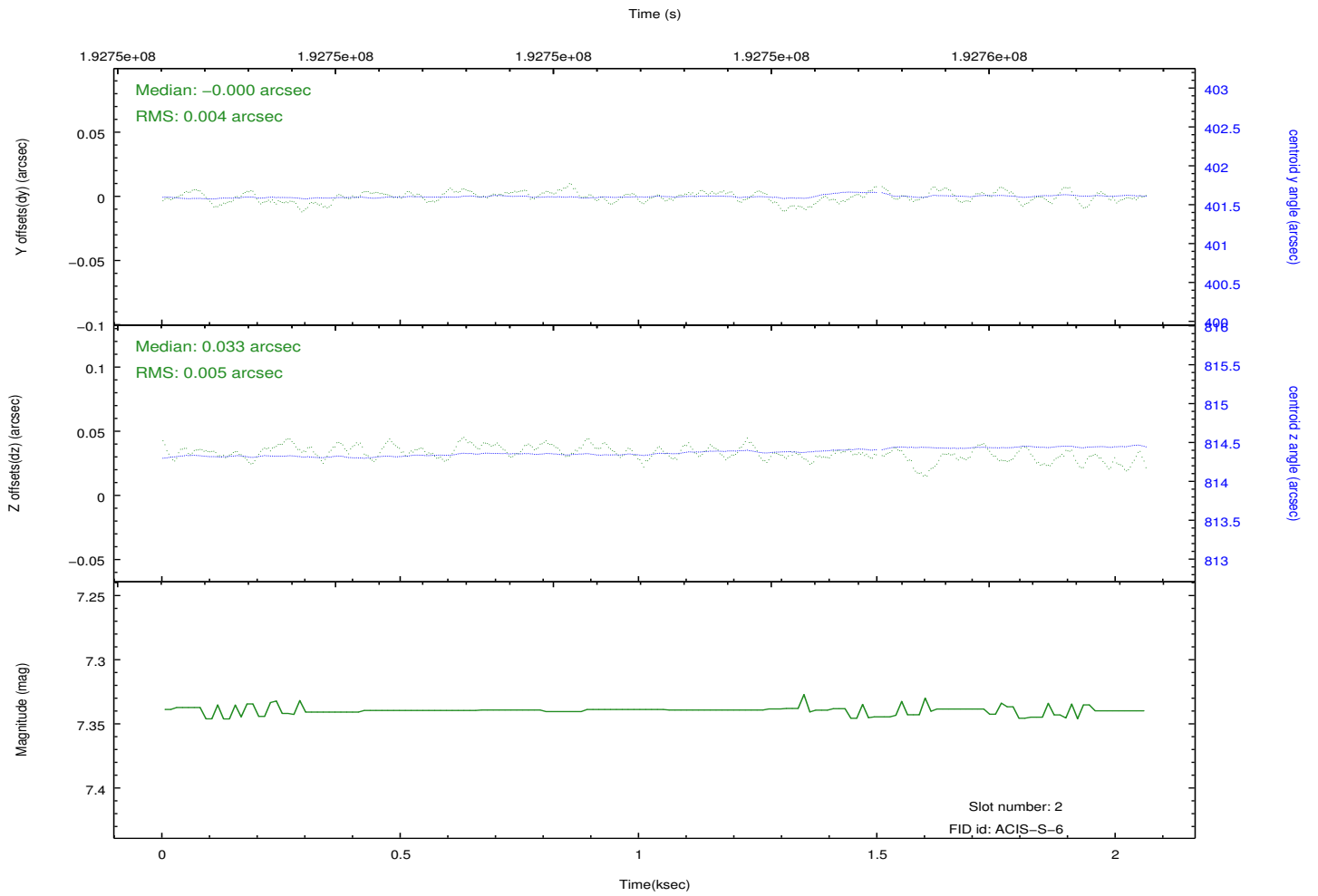
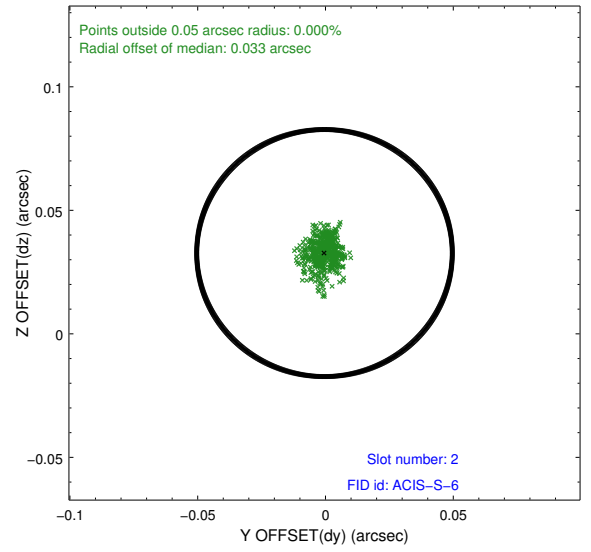
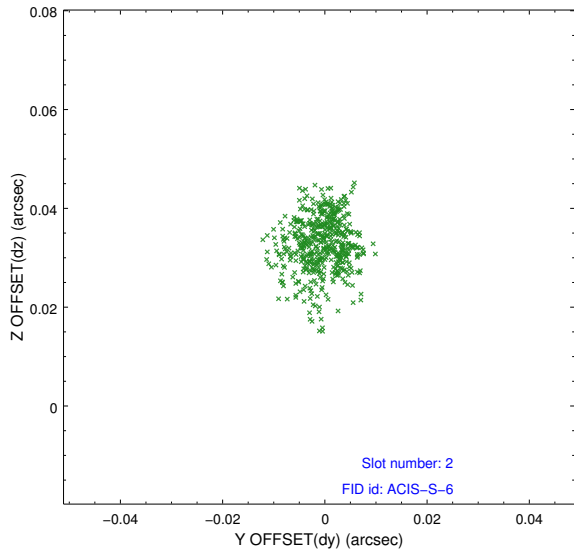
2.5.1 Slot 0



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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.057

A.2 Comments