

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11850 - L2 Version 2
Chandra X-Ray Center

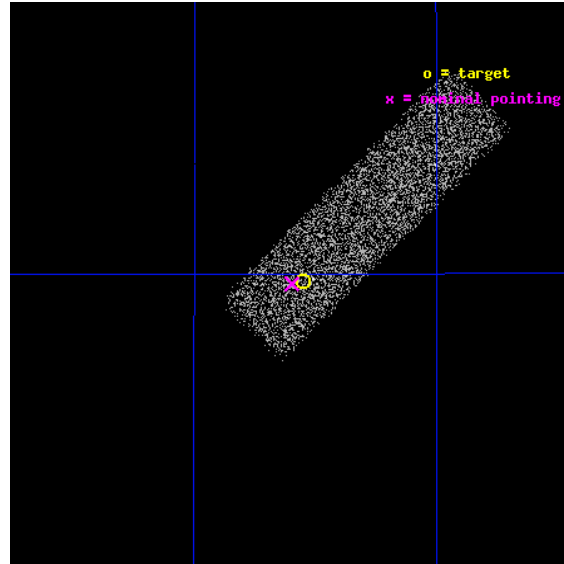
L2 Processing Date : Jun 28 2012

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1 Front

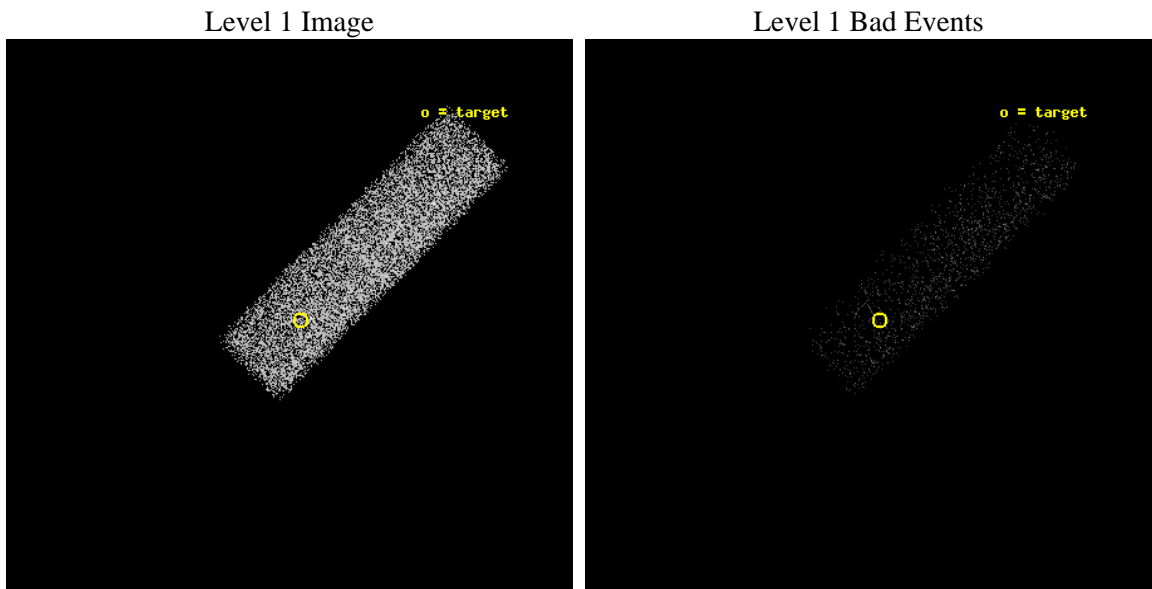
seq_num	702297	Sequence number
obs_id	11850	Observation id
title	A Survey of X-ray Variability in Bright Broad Absorption Line Quasars Over Multi-Year Timescales	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	IRAS 07598+6508	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	121.137917	Observer's specified target RA [deg]
dec_targ	64.996944	Observer's specified target Dec [deg]
ra_nom	121.14918794277	Nominal RA [deg]
dec_nom	64.995810254936	Nominal Dec [deg]
roll_nom	314.98458803676	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7026.4001047611	Sum of GTIs [s]
livetime	6683.5347710084	Livetime [s]
ontime7	7026.4001047611	Sum of GTIs [s]
l2events	7802	Number of level 2 events



2 OBI

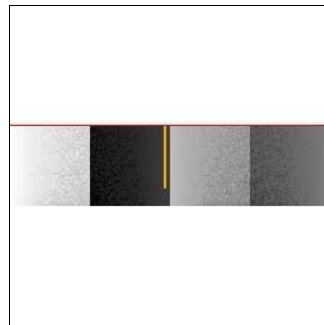
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7026.4001047611	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	7026.4001047611	Sum of GTIs [s]
date	2012-06-28T20:02:22	Date and time of file creation	l1events	16416	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

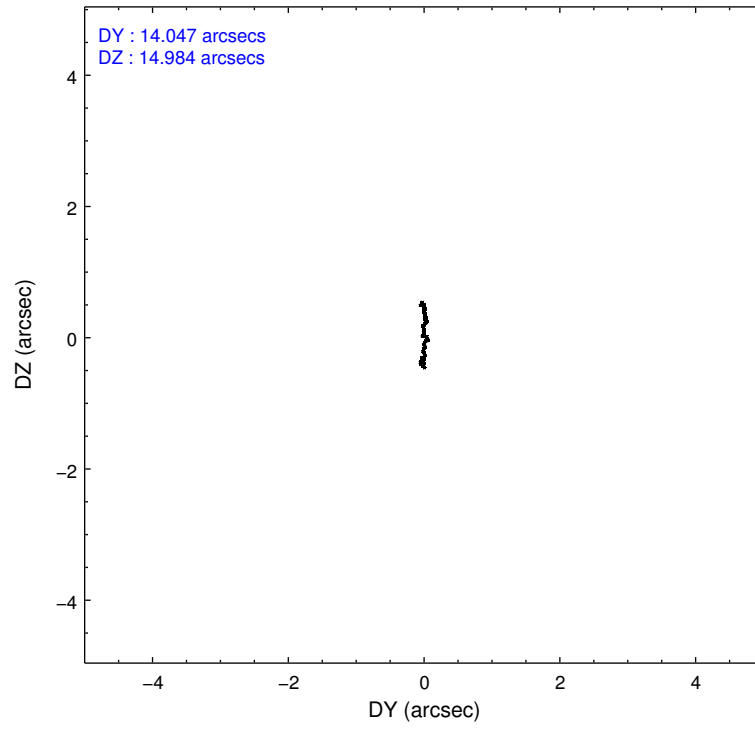
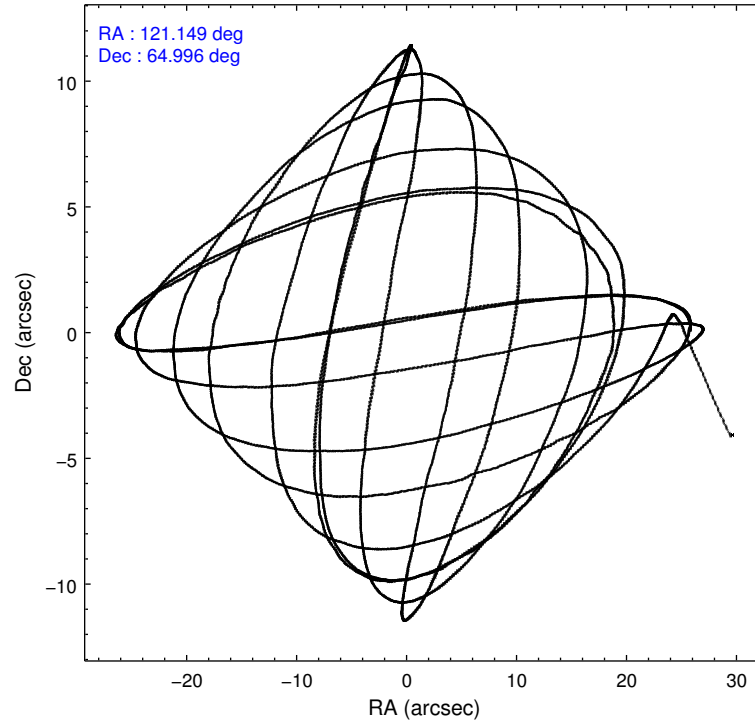
	ccd 7
level 1 events	16416
rejected events	8298
rejected %	50%

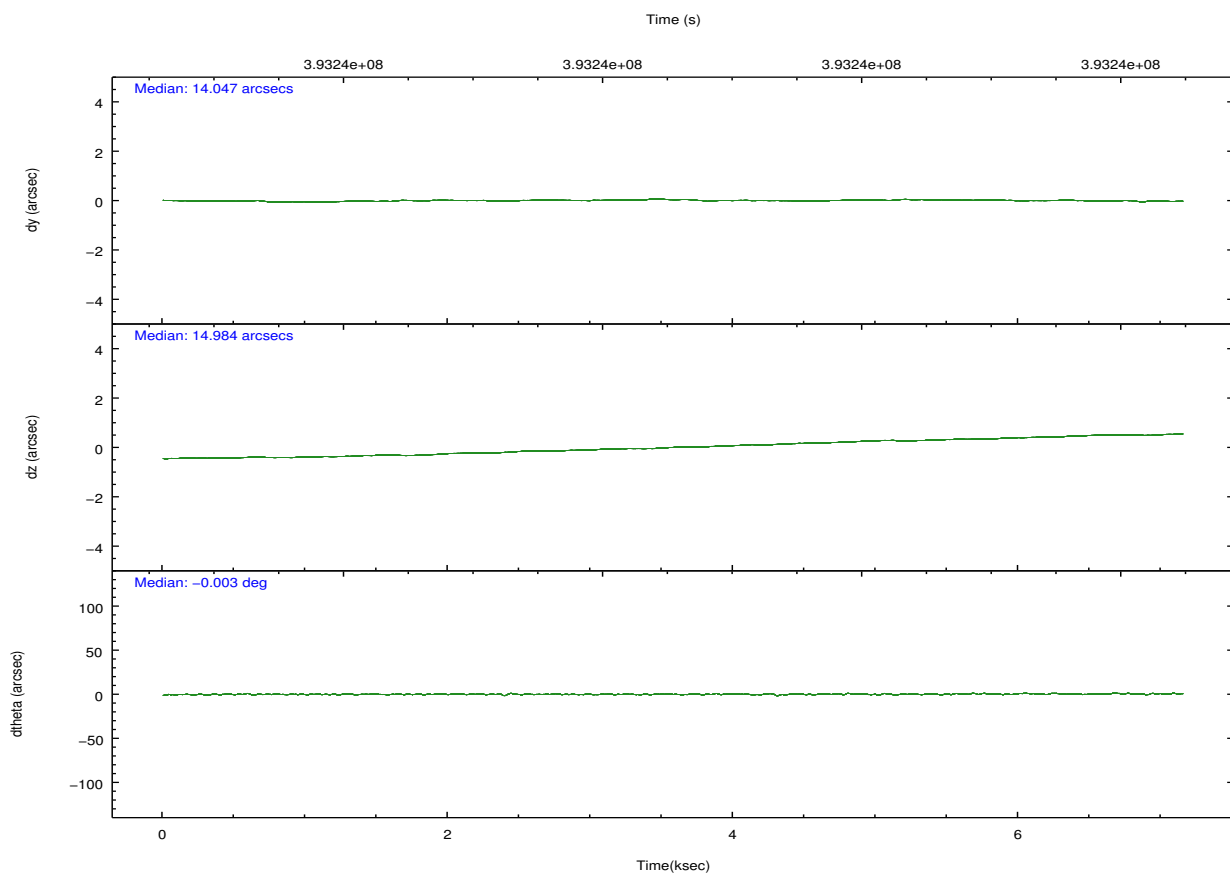
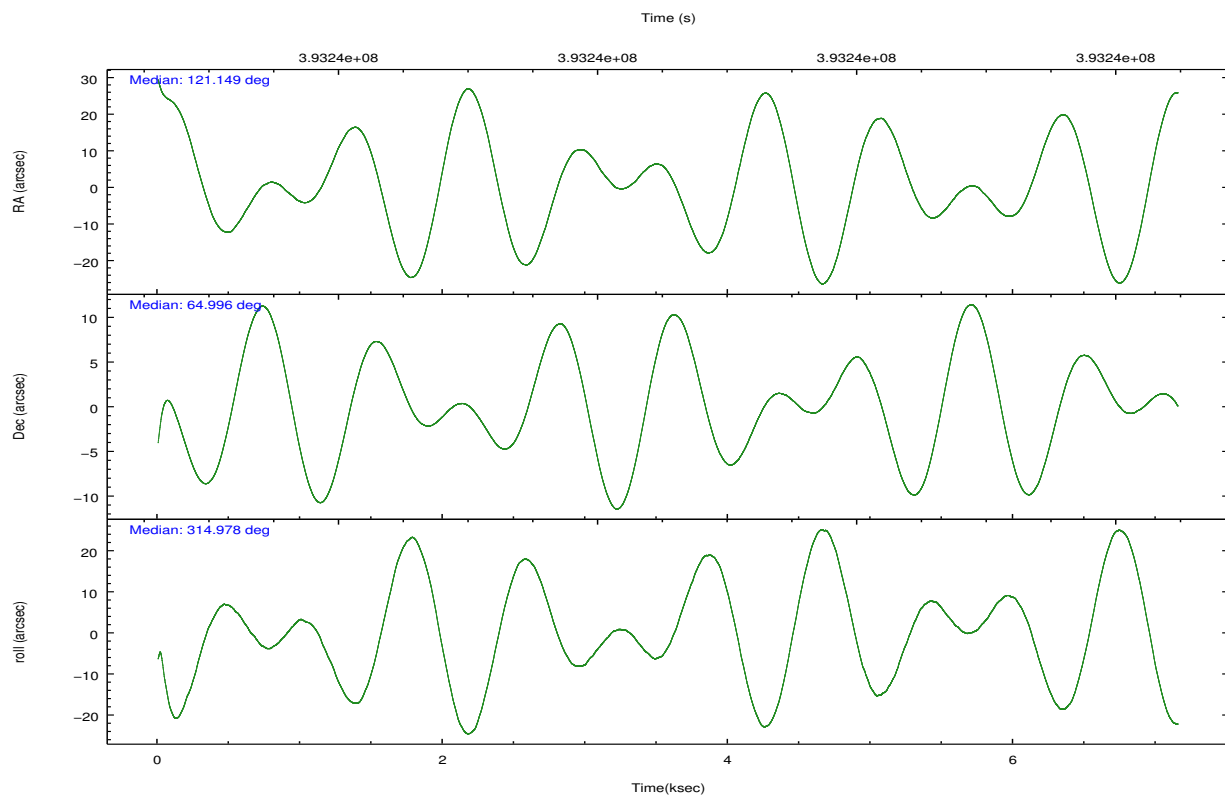
	ccd 7
grade 0 events	788
	4%
grade 1 events	22
	0%
grade 2 events	1622
	9%
grade 3 events	950
	5%
grade 4 events	889
	5%
grade 5 events	1619
	9%
grade 6 events	3869
	23%
grade 7 events	6657
	40%

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	121.086359	121.1491879427673	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	65.002535	64.99581025493644	Subarray start row	385	385
[deg] Pointing Roll	314.884873	314.9845880367578	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	393237120.184000	393235849.48775			
Observation start date	2010-06-18T08:30:54	2010-06-18T08:10:49			
[s] Observation end time (MET)	393244120.184000	393245553.16325			
Observation end date	2010-06-18T10:27:34	2010-06-18T10:52:33			
Read mode	TIMED	TIMED			

2.3 Aspect



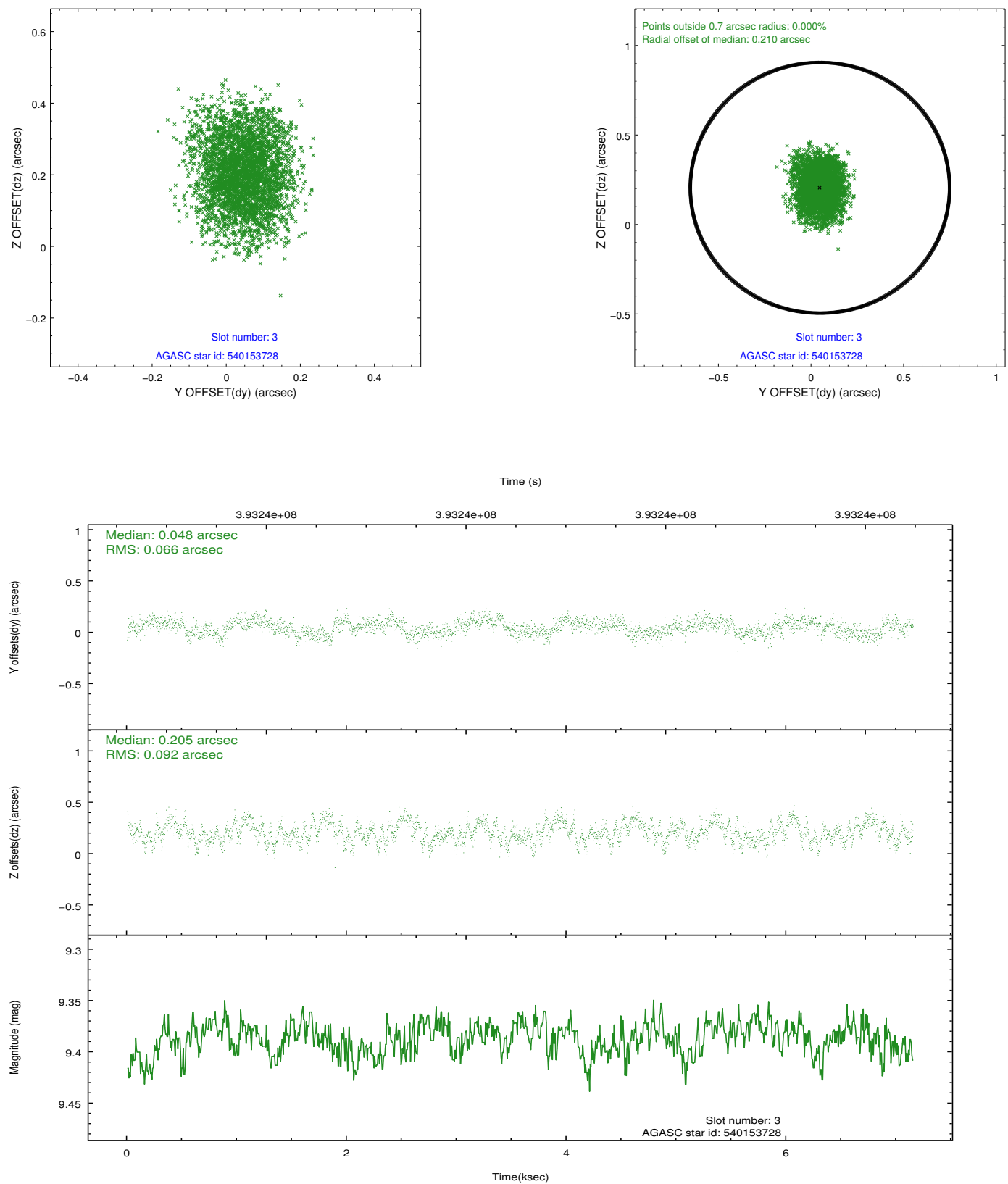


Slot Statistics

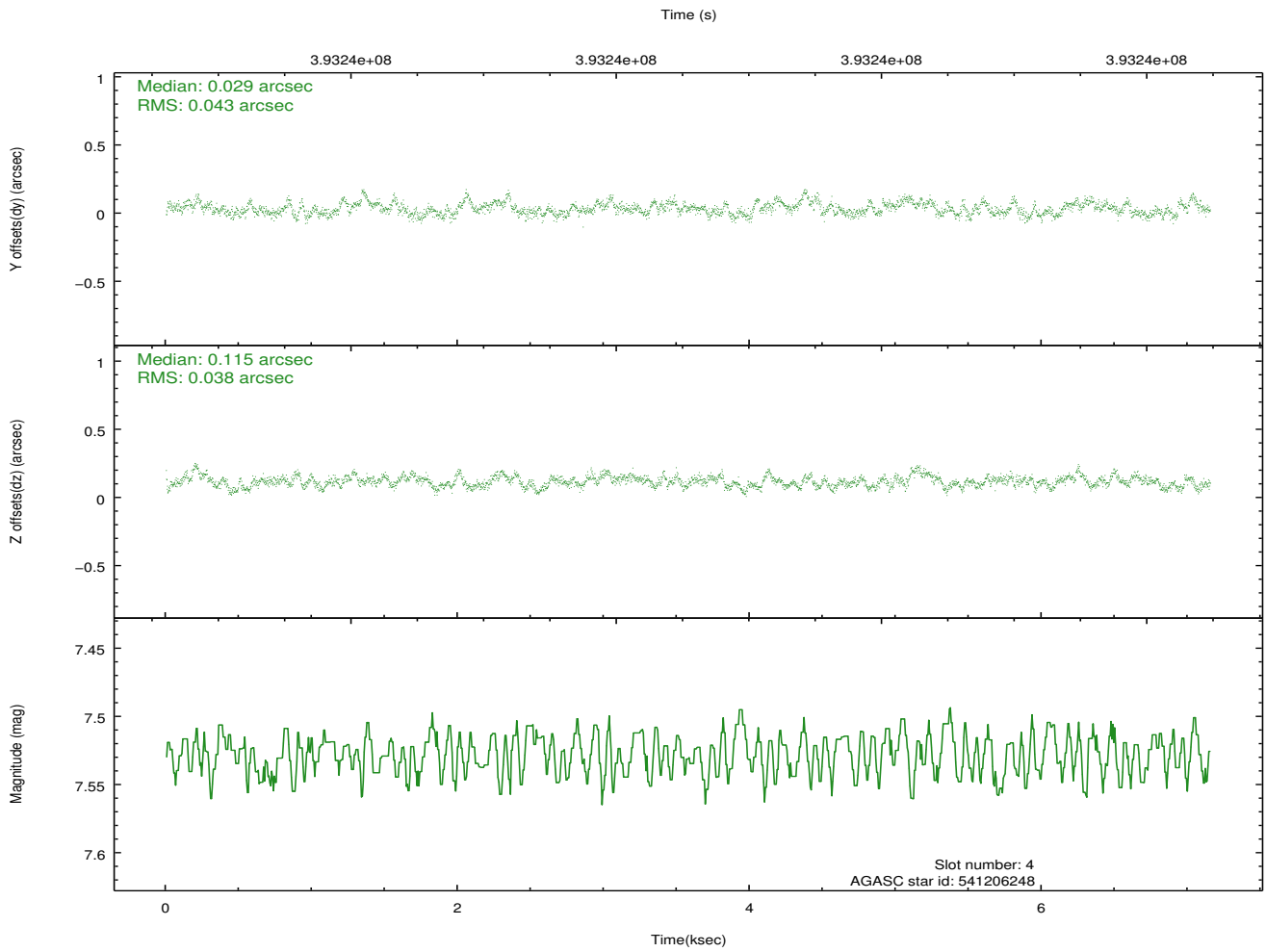
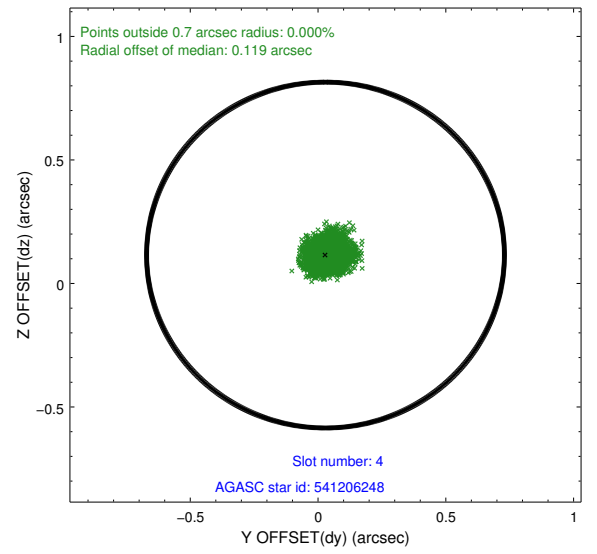
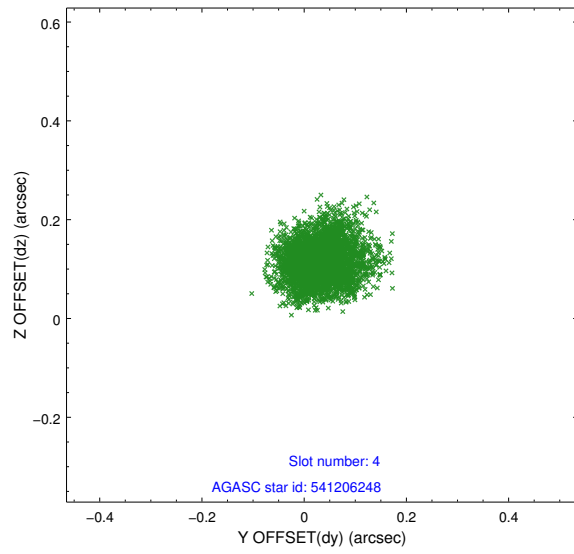
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	1745	-0.106	-0.063	0.005	0.010	0.000000	0.000000	-767.12	-1736.43
1	FID	ACIS-S-4	7.01	1745	0.105	0.062	0.006	0.010	0.000000	0.000000	2146.03	171.31
2	FID	ACIS-S-6	7.15	1745	-0.026	0.009	0.007	0.011	0.000000	0.000000	396.01	809.59
3	GUIDE	540153728	9.39	3482	0.048	0.205	0.123	0.194	119.996002	64.580220	-121.57	-2256.29
4	GUIDE	541206248	7.53	3490	0.029	0.115	0.061	0.099	120.099757	64.747174	-425.78	-1714.87
5	GUIDE	541215976	8.83	3488	-0.007	-0.091	0.096	0.166	121.408609	64.884742	647.22	50.11
6	GUIDE	541200440	8.99	3483	0.132	-0.066	0.108	0.158	122.598773	64.983114	1655.07	1601.40
7	GUIDE	541590712	6.26	3489	-0.206	-0.153	0.048	0.078	122.748937	65.222815	1184.92	2360.34

2.4 Star Slots

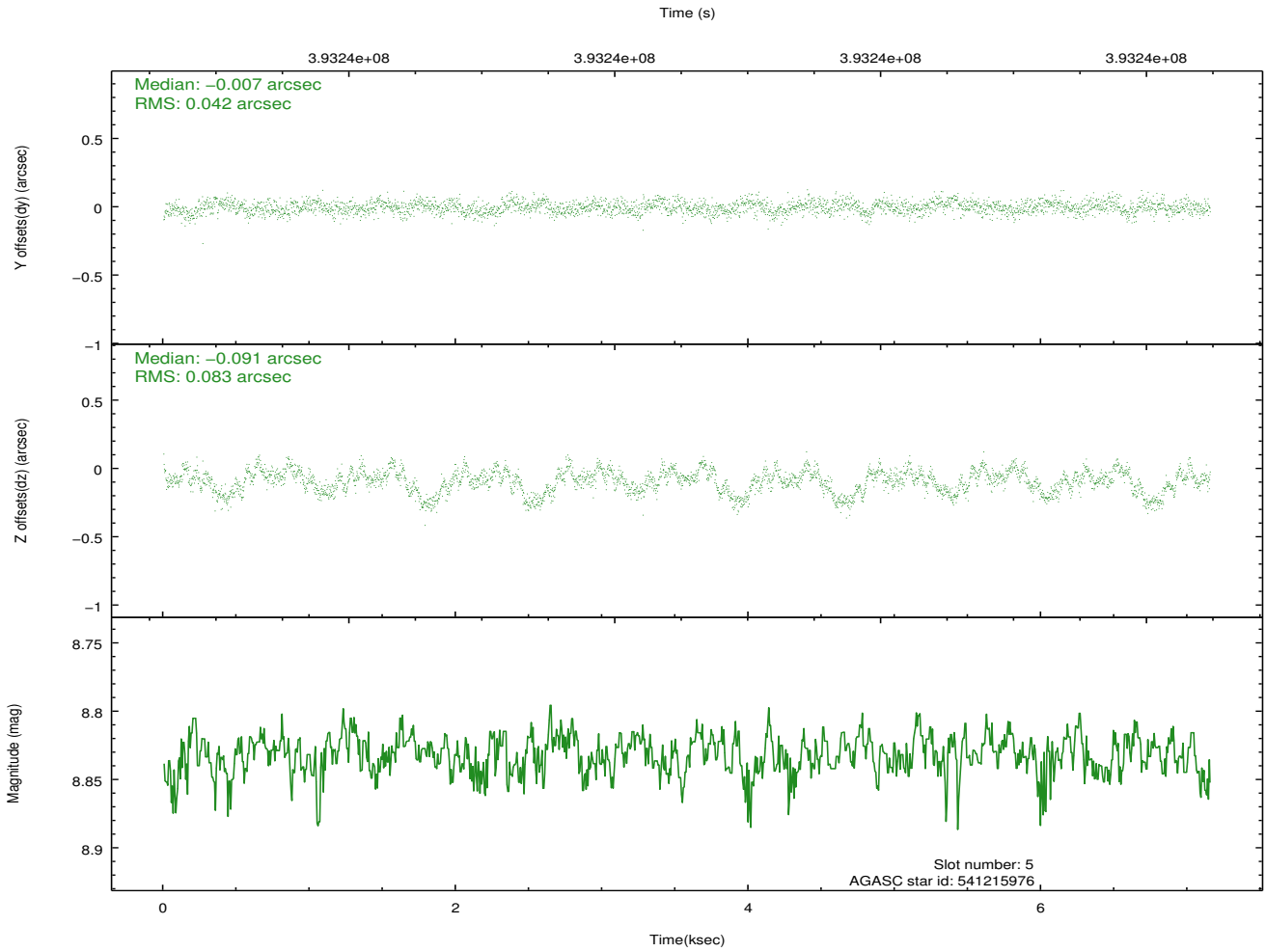
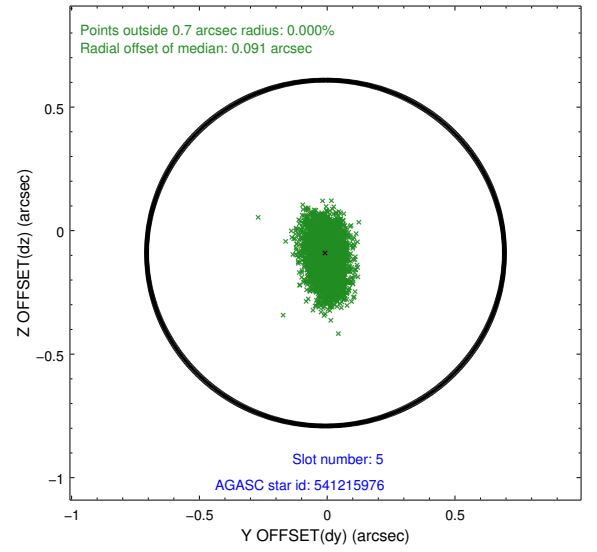
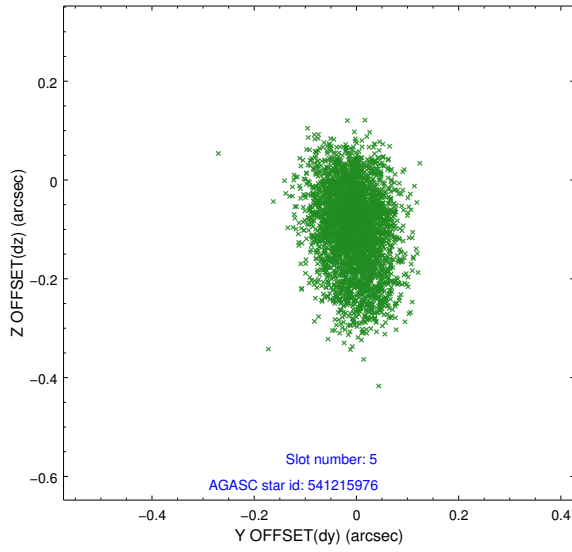
2.4.1 Slot 3



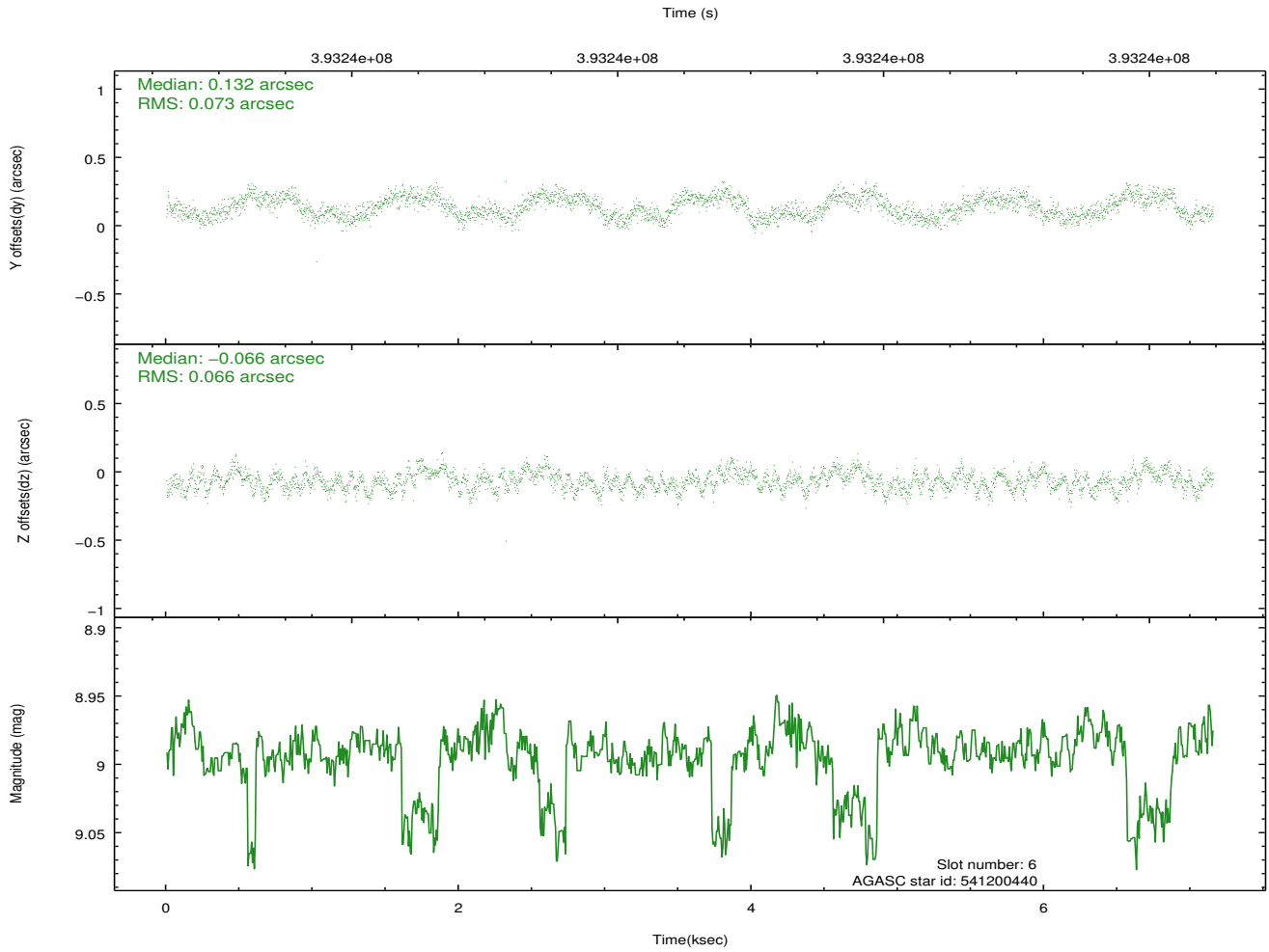
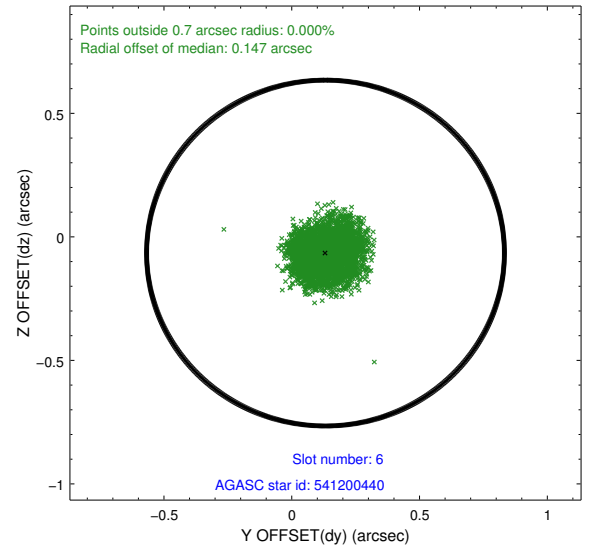
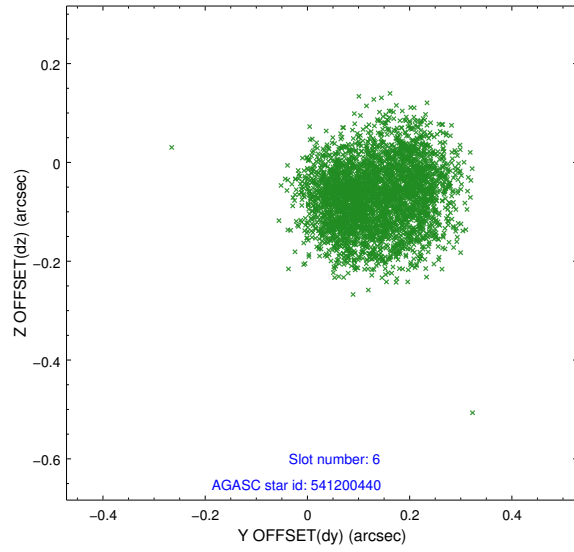
2.4.2 Slot 4



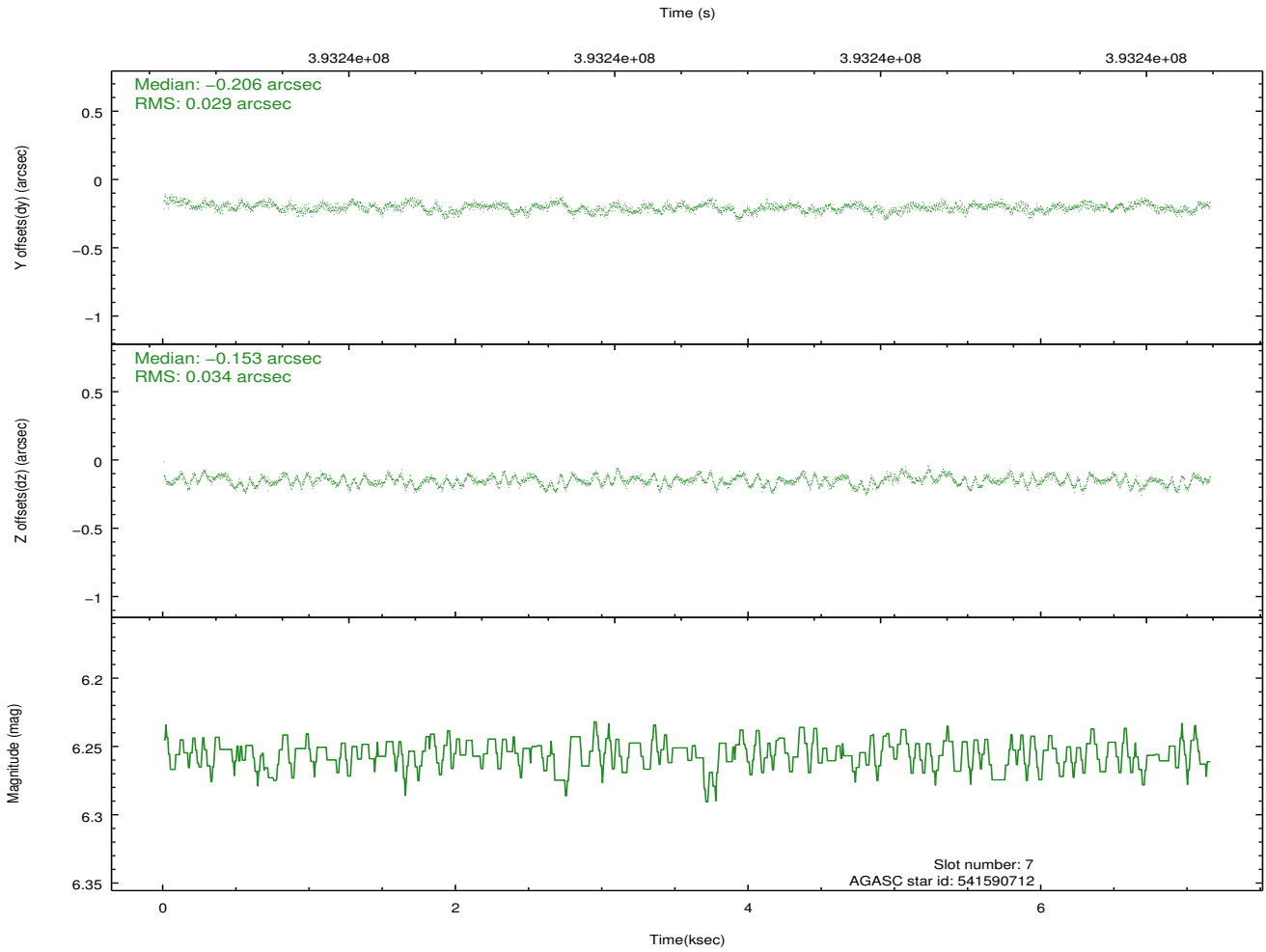
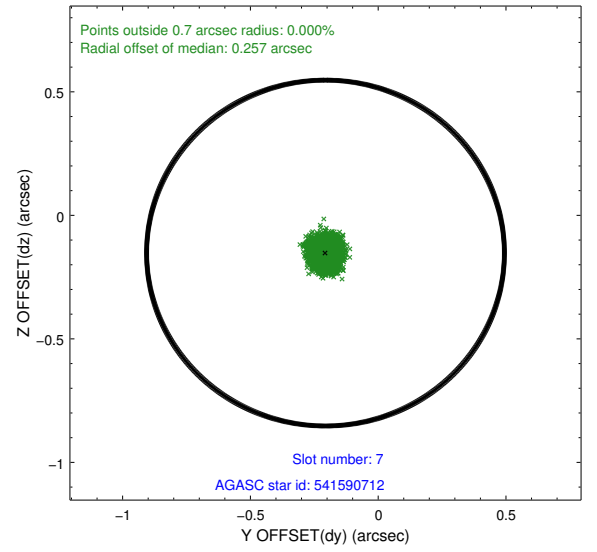
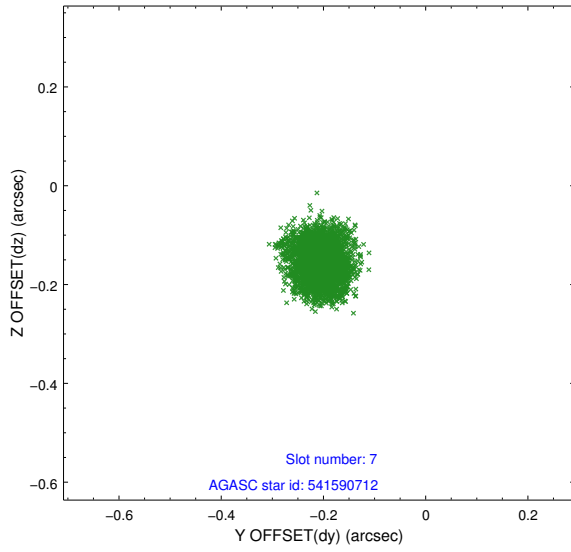
2.4.3 Slot 5



2.4.4 Slot 6

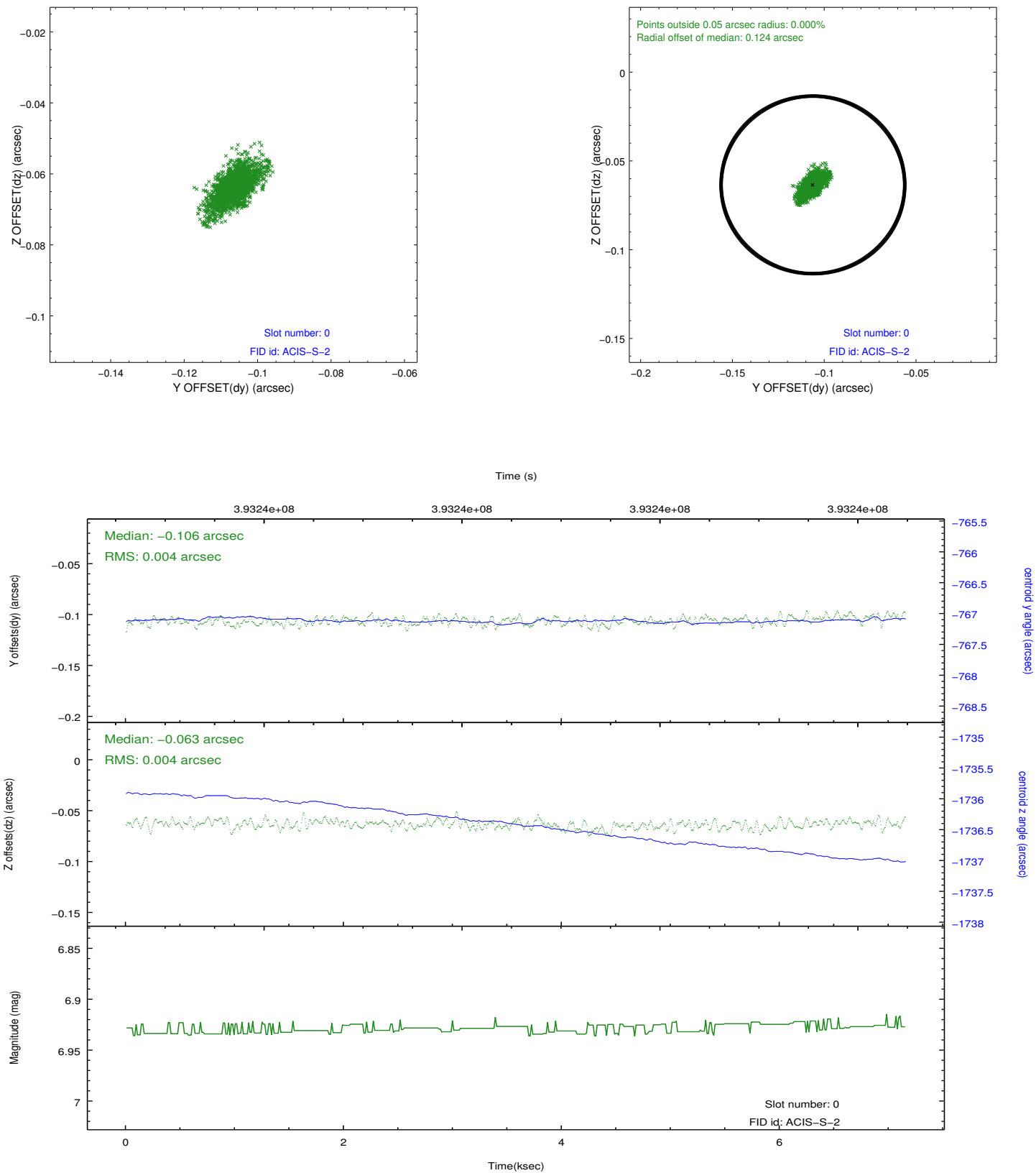


2.4.5 Slot 7

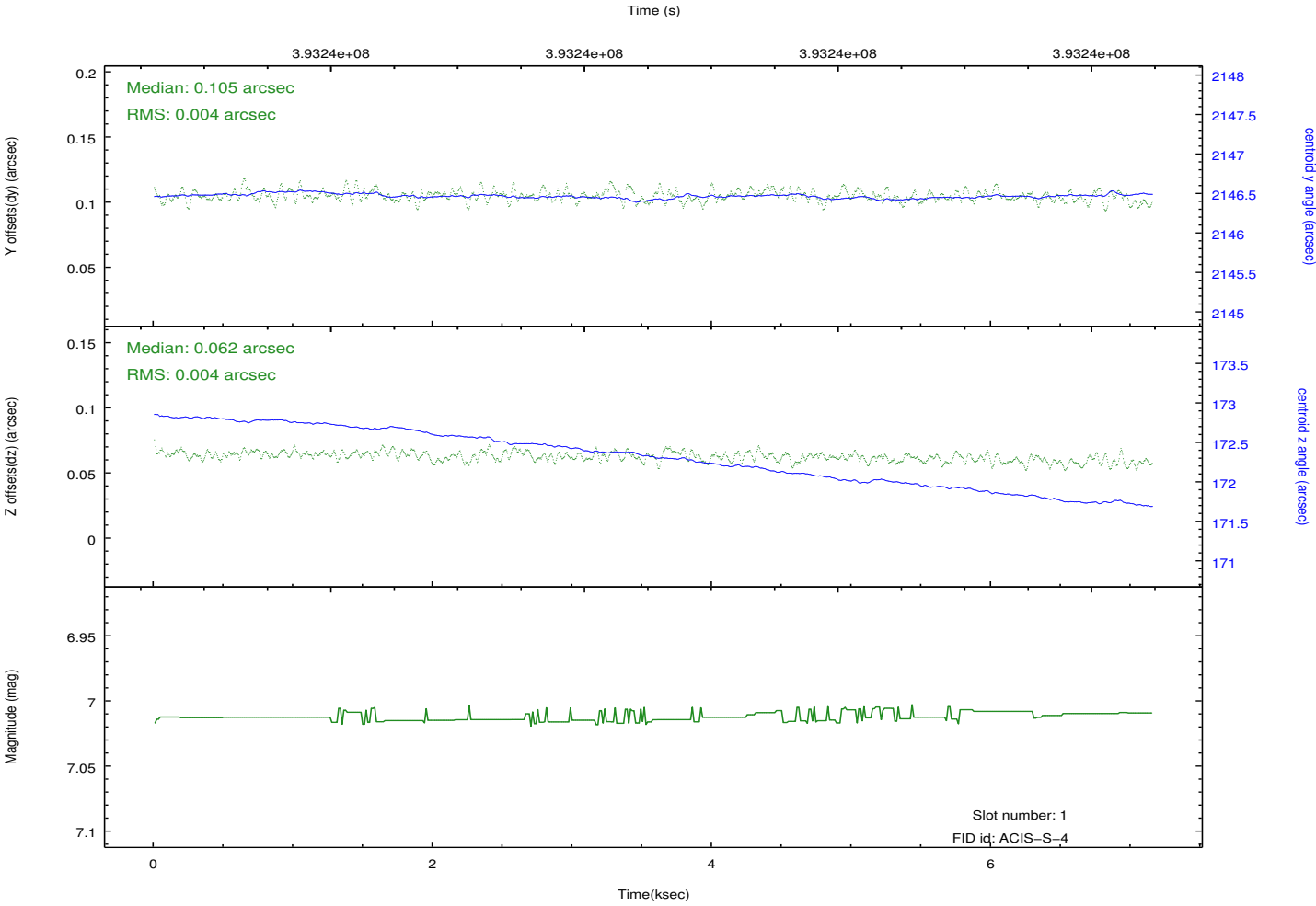
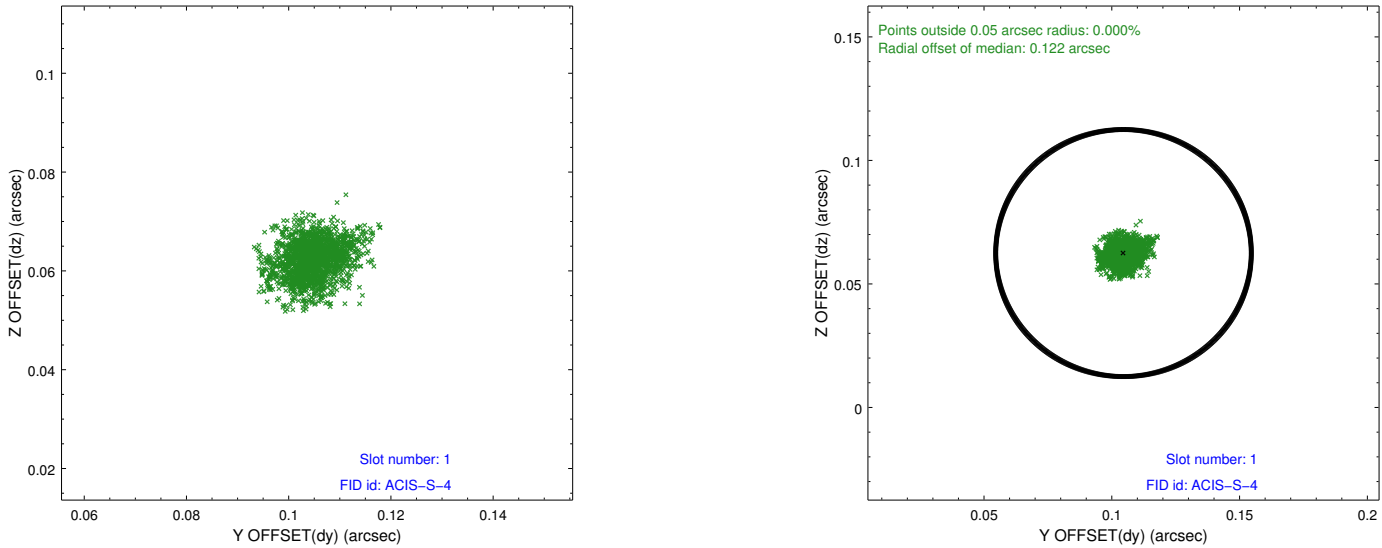


2.5 FID Slots

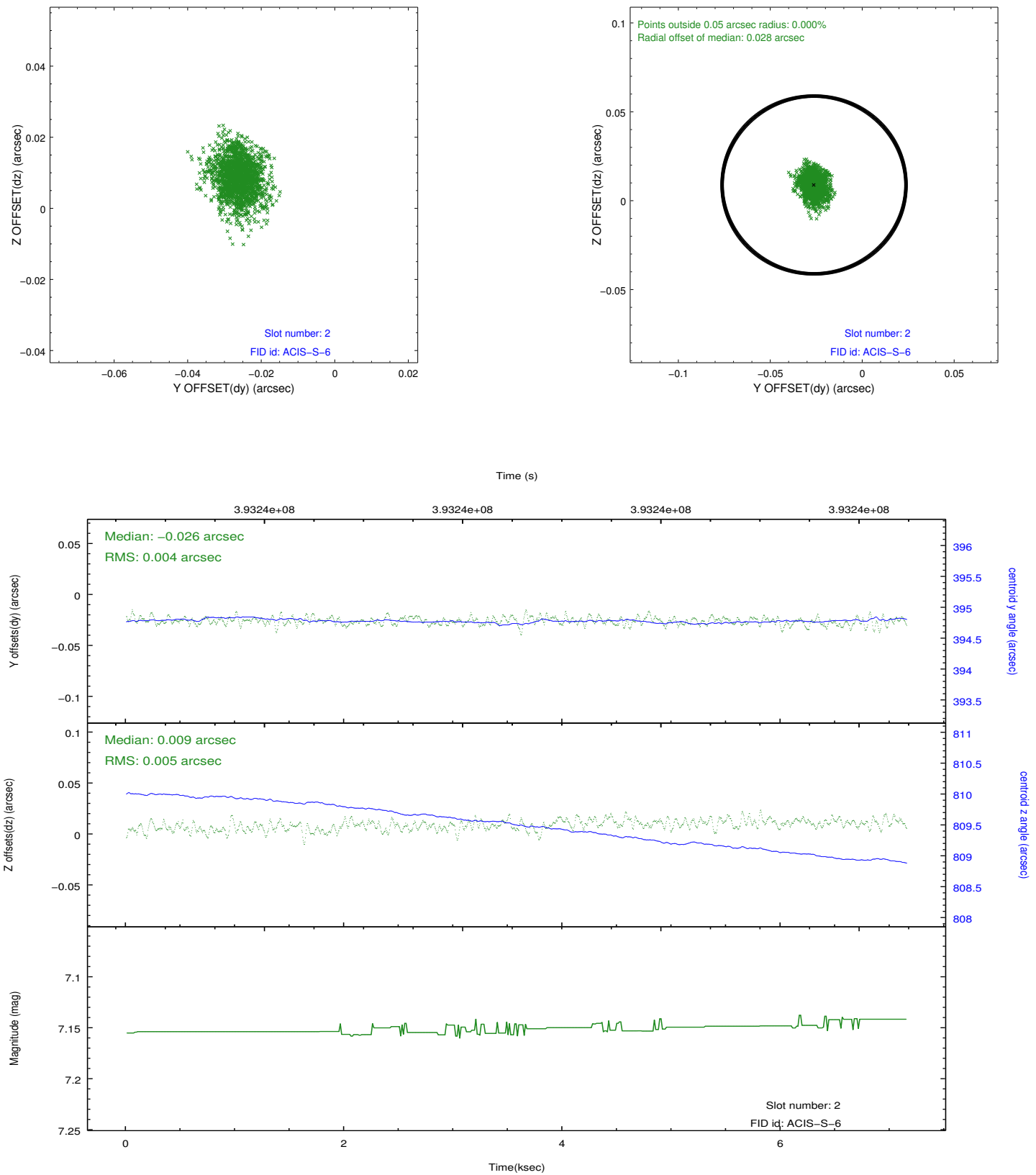
2.5.1 Slot 0



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)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0264001047611

A.2 Comments