

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11469 - L2 Version 2
Chandra X-Ray Center

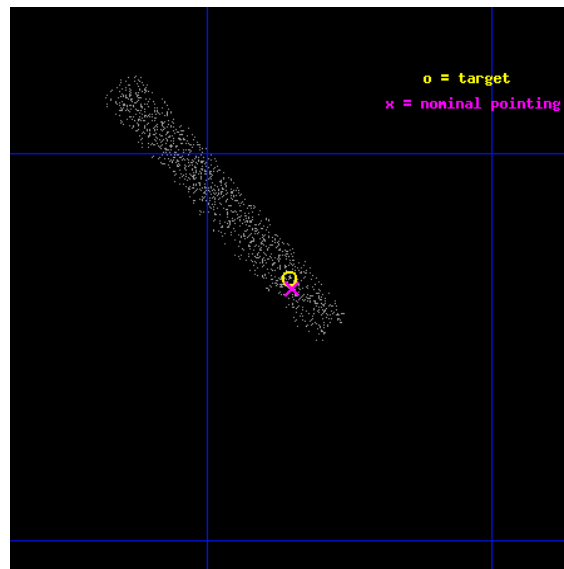
L2 Processing Date : Jun 25 2012

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1 Front

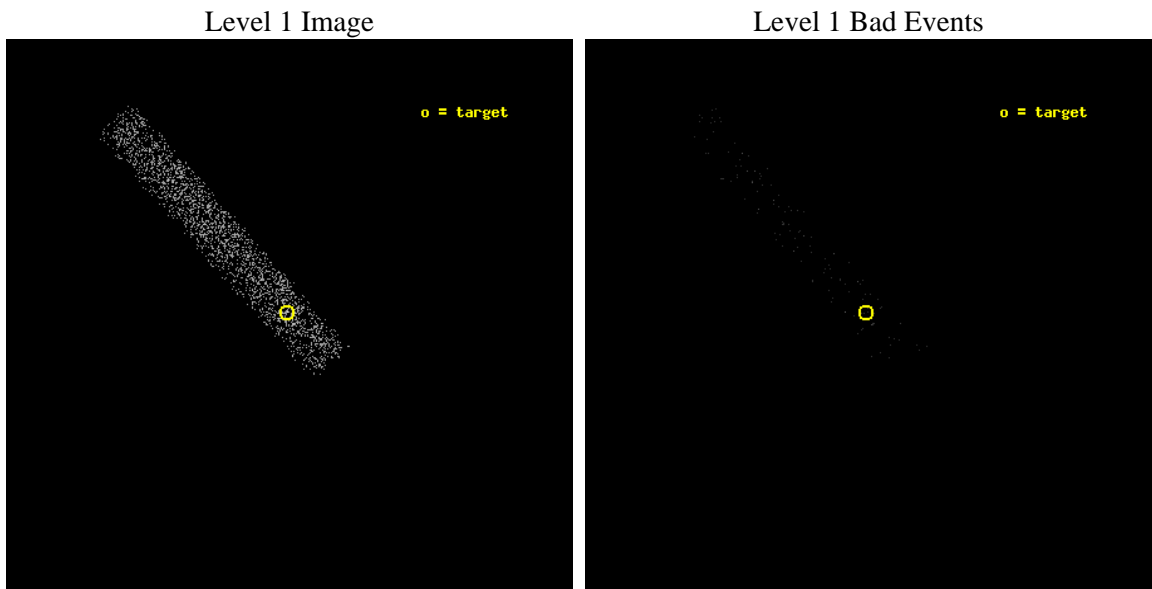
seq_num	702055	Sequence number
obs_id	11469	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J131651.29+055646.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	199.21375	Observer's specified target RA [deg]
dec_targ	5.946361	Observer's specified target Dec [deg]
ra_nom	199.21291322422	Nominal RA [deg]
dec_nom	5.9416045997296	Nominal Dec [deg]
roll_nom	228.20338054357	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2174.3998703957	Sum of GTIs [s]
livetime	1972.065908213	Livetime [s]
ontime7	2174.3998703957	Sum of GTIs [s]
l2events	1380	Number of level 2 events



2 OBI

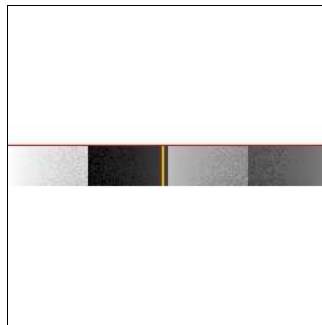
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2174.3998703957	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2174.3998703957	Sum of GTIs [s]
date	2012-06-25T09:45:55	Date and time of file creation	l1events	3208	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

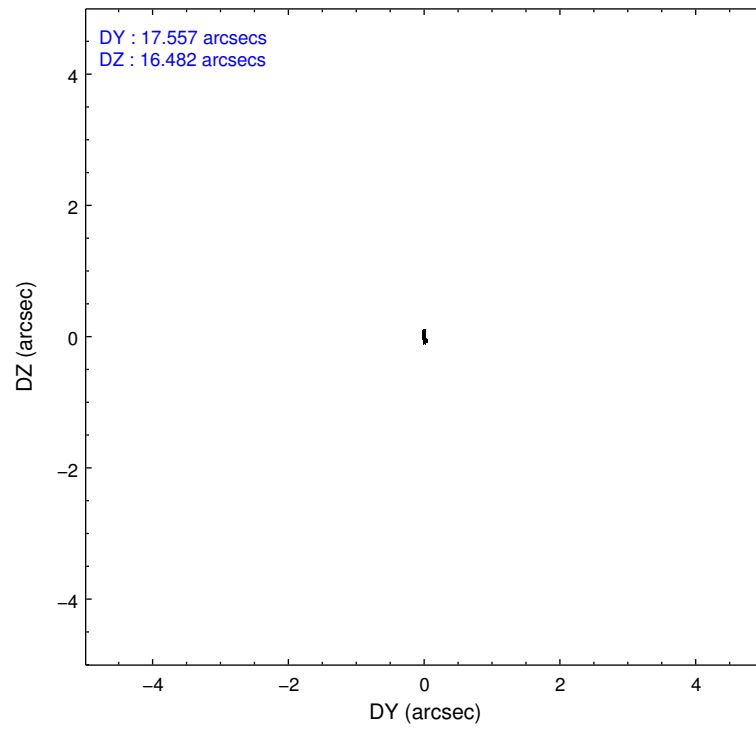
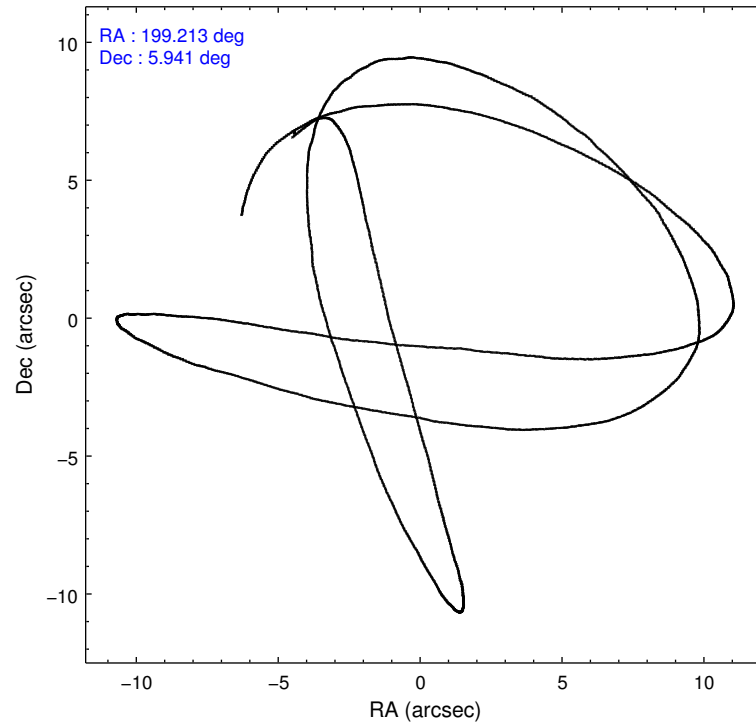
	ccd 7
level 1 events	3208
rejected events	1765
rejected %	55%

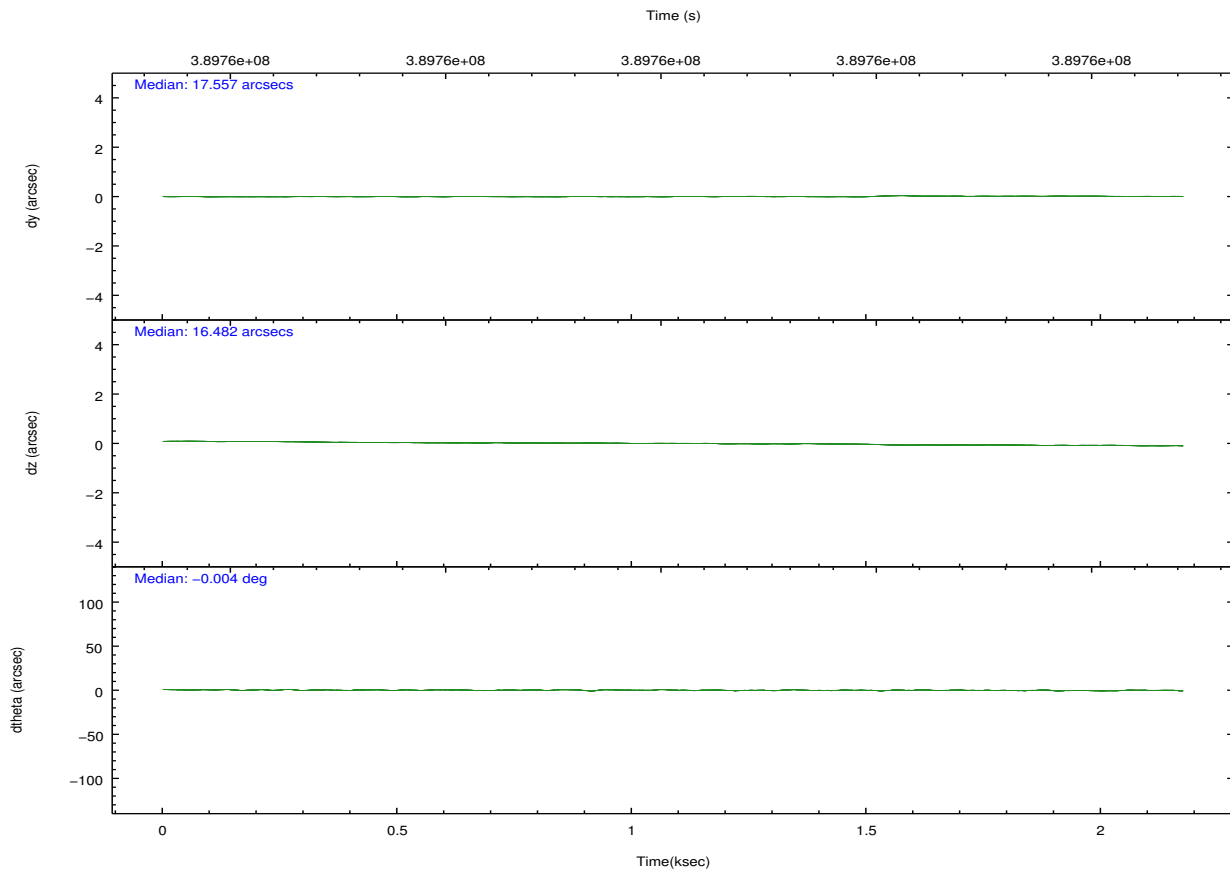
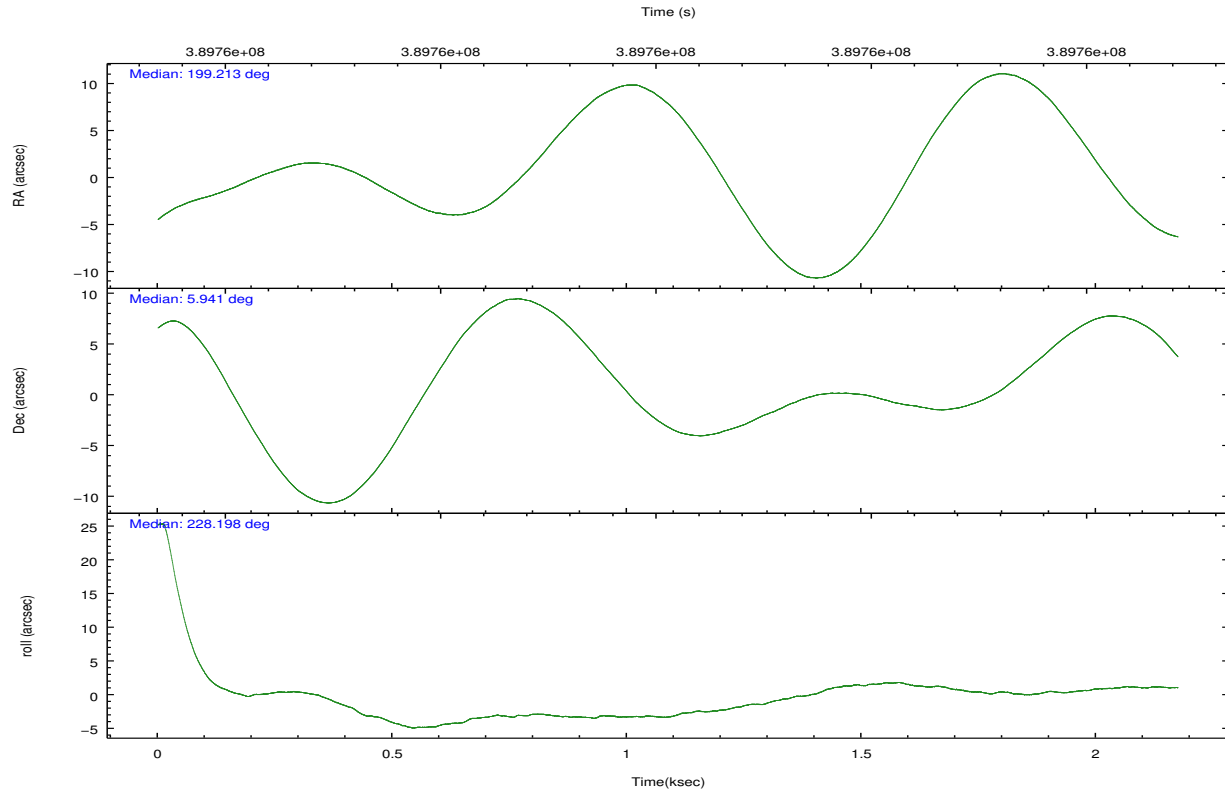
	ccd 7
grade 0 events	180
	5%
grade 1 events	5
	0%
grade 2 events	311
	9%
grade 3 events	239
	7%
grade 4 events	223
	6%
grade 5 events	329
	10%
grade 6 events	732
	22%
grade 7 events	1189
	37%

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	199.218146	199.2129132242223	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	5.968426	5.941604599729625	Subarray start row	449	449
[deg] Pointing Roll	228.046074	228.2033805435697	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	389757617.184000	389756804.56052			
Observation start date	2010-05-09T01:59:11	2010-05-09T01:46:44			
[s] Observation end time (MET)	389759617.184000	389759989.23569			
Observation end date	2010-05-09T02:32:31	2010-05-09T02:39:49			
Read mode	TIMED	TIMED			

2.3 Aspect



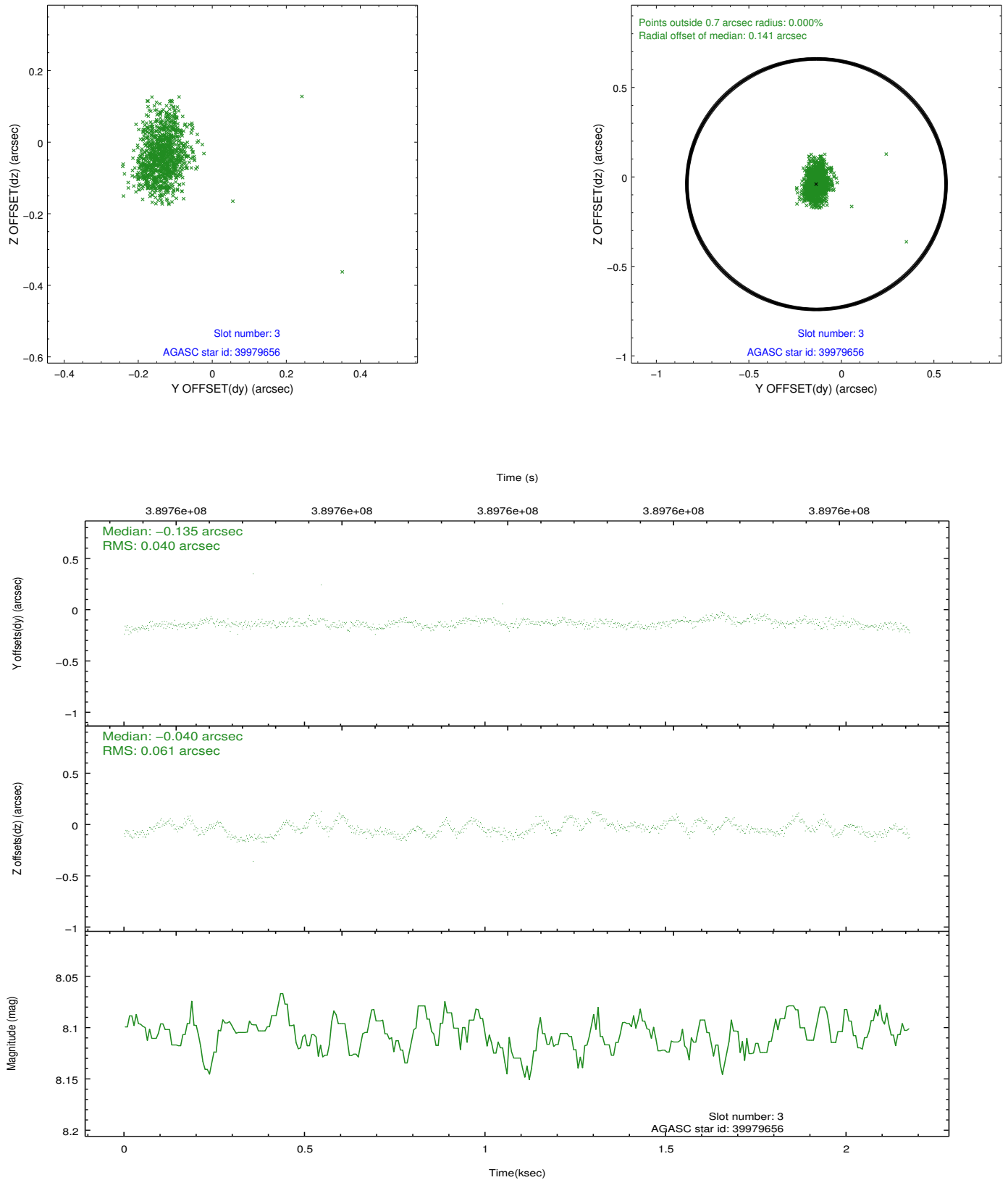


Slot Statistics

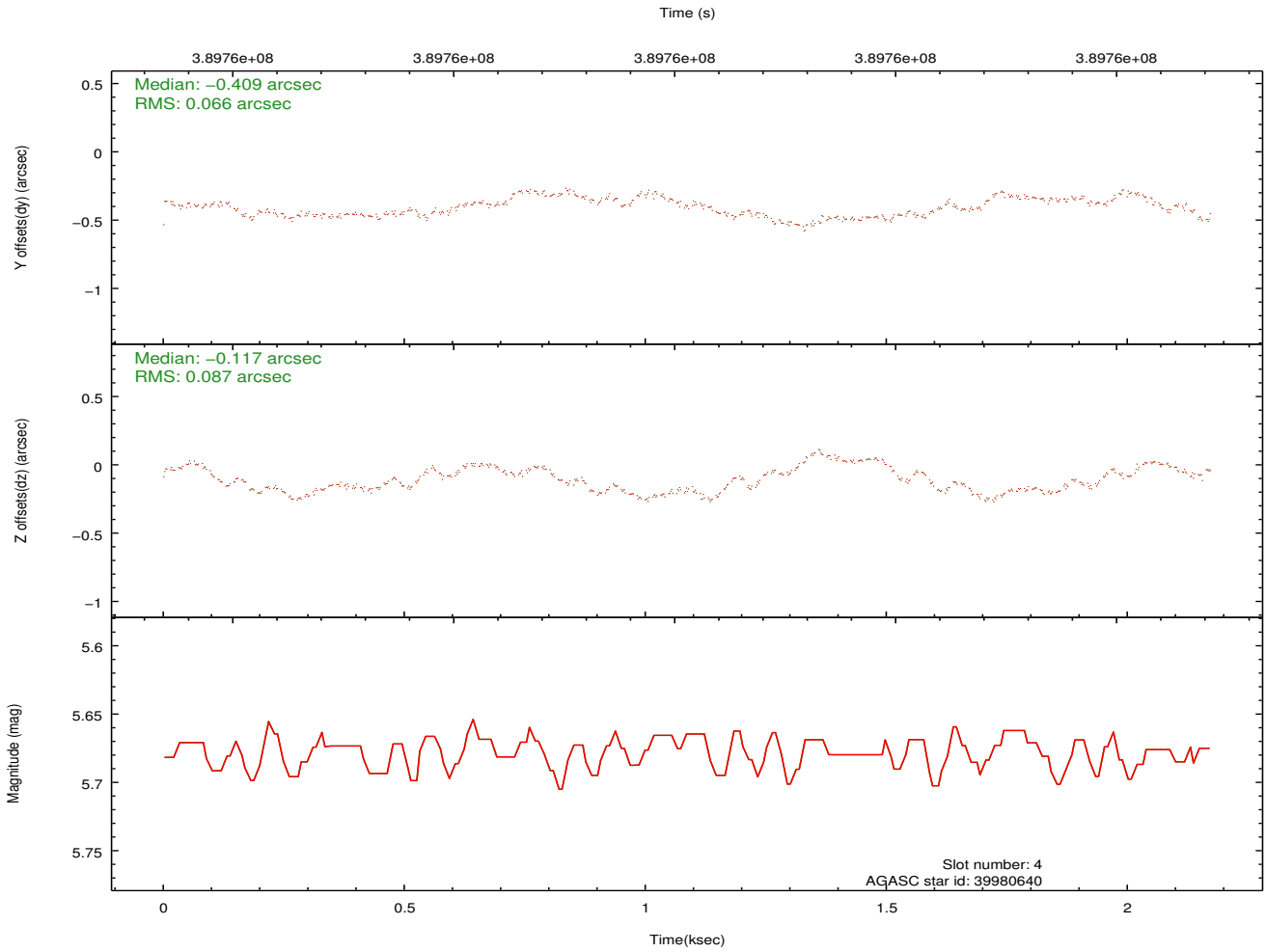
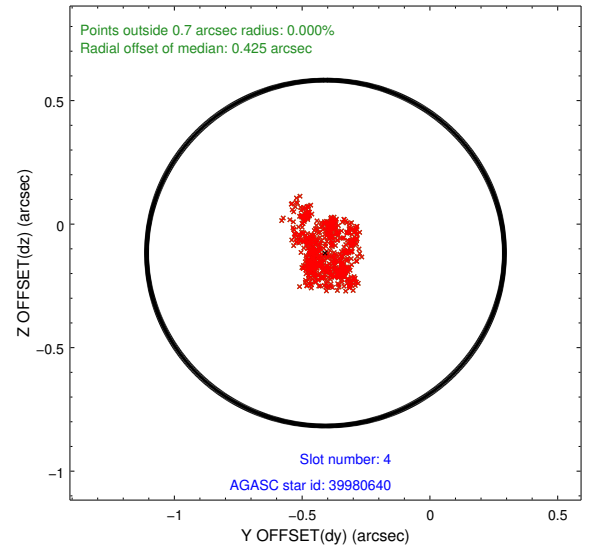
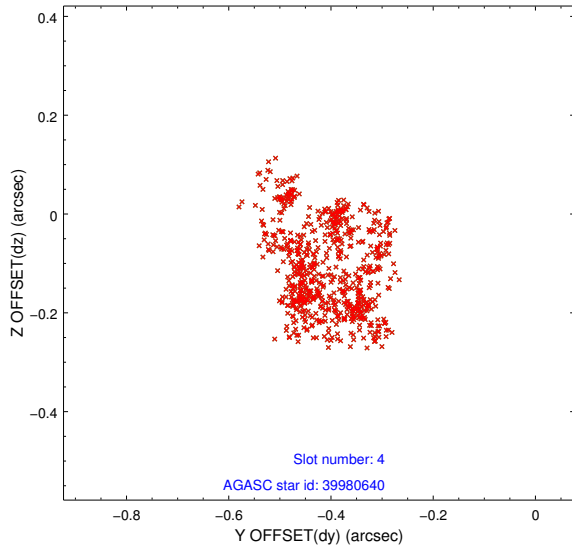
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	531	-0.068	-0.016	0.006	0.010	0.000000	0.000000	-770.67	-1737.85
1	FID	ACIS-S-4	6.96	531	0.186	0.037	0.006	0.013	0.000000	0.000000	2141.49	167.55
2	FID	ACIS-S-5	7.00	531	-0.149	-0.013	0.006	0.010	0.000000	0.000000	-1819.75	164.61
3	GUIDE	39979656	8.11	1062	-0.135	-0.040	0.075	0.122	199.564084	5.483458	469.50	2088.58
4	BAD	39980640	5.68	664	-0.409	-0.117	0.117	0.175	199.099708	6.504618	-1150.63	-1602.12
5	GUIDE	39980864	9.15	1061	0.262	0.162	0.104	0.161	199.225403	6.173361	-566.01	-475.65
6	GUIDE	39981256	9.14	1062	0.148	-0.174	0.104	0.174	199.206678	5.925708	142.24	72.05
7	GUIDE	39981664	8.62	1060	-0.015	0.121	0.095	0.164	199.456549	5.587335	449.40	1552.60

2.4 Star Slots

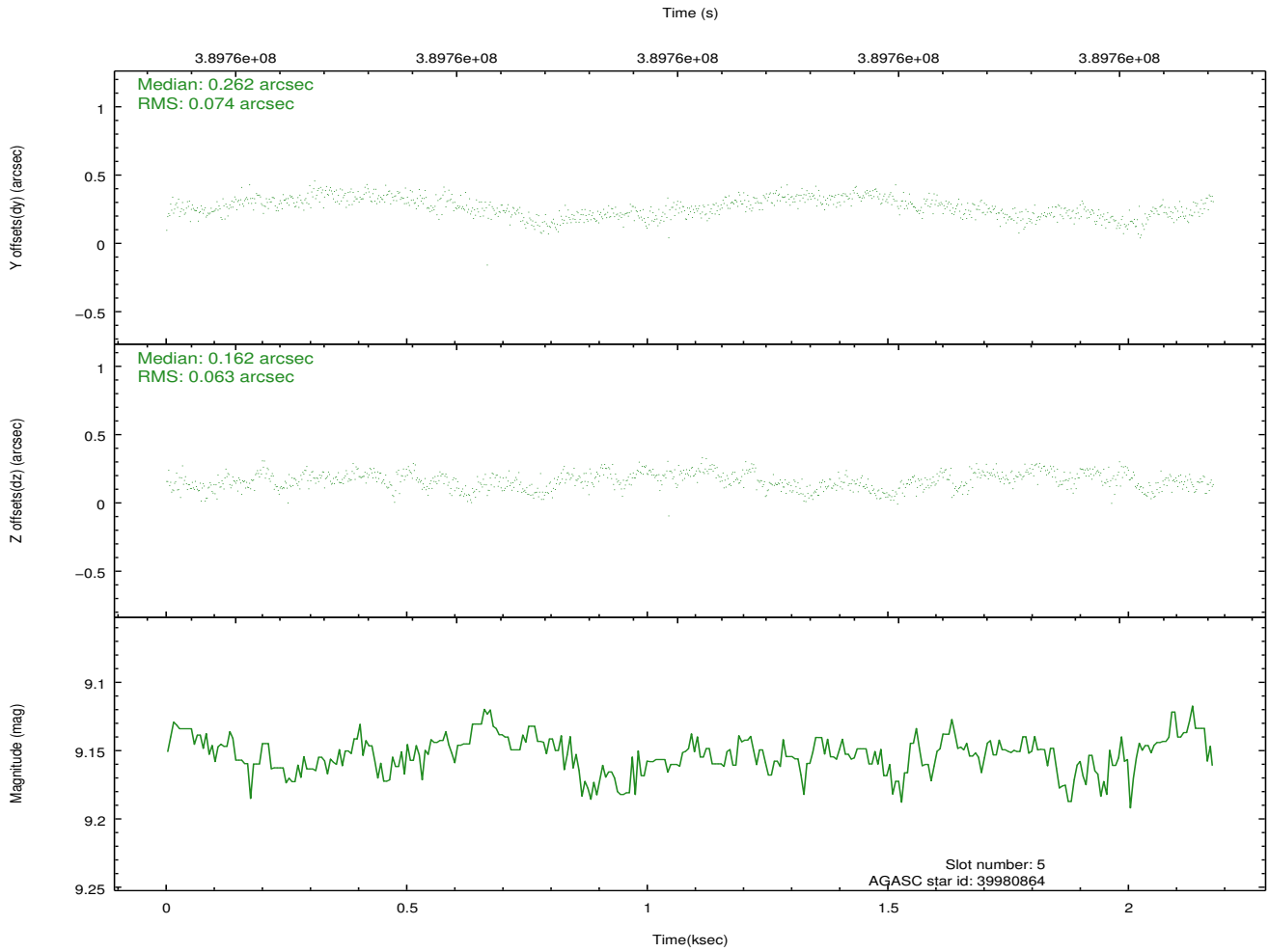
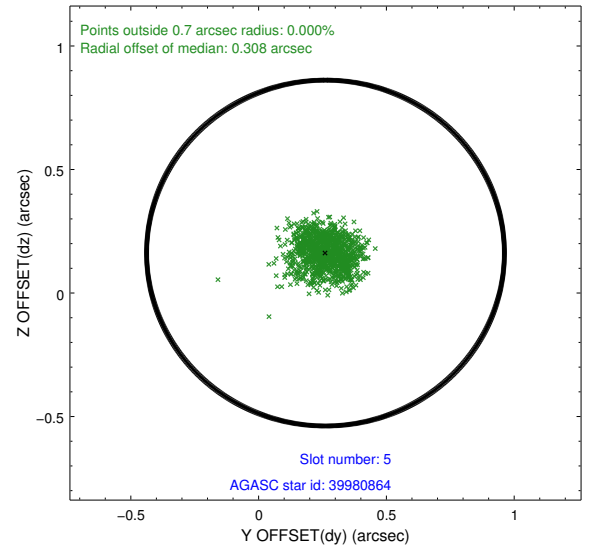
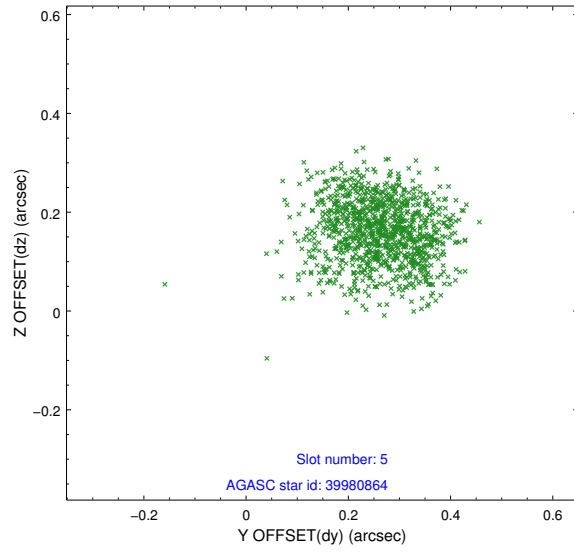
2.4.1 Slot 3



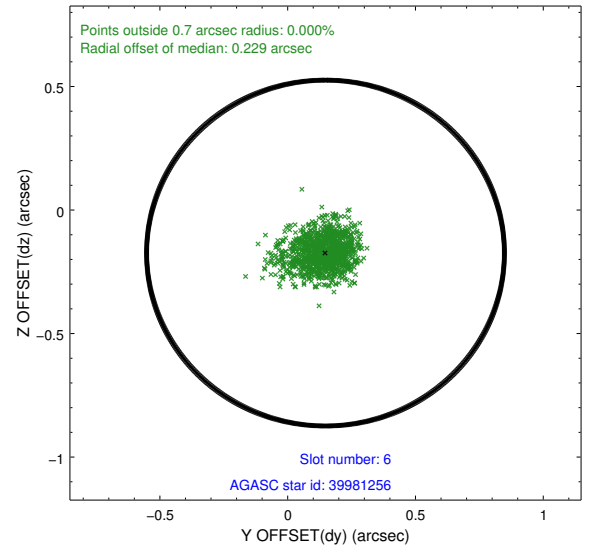
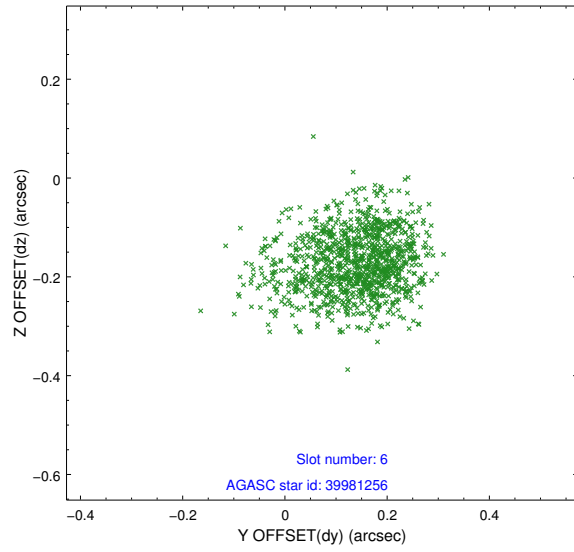
2.4.2 Slot 4



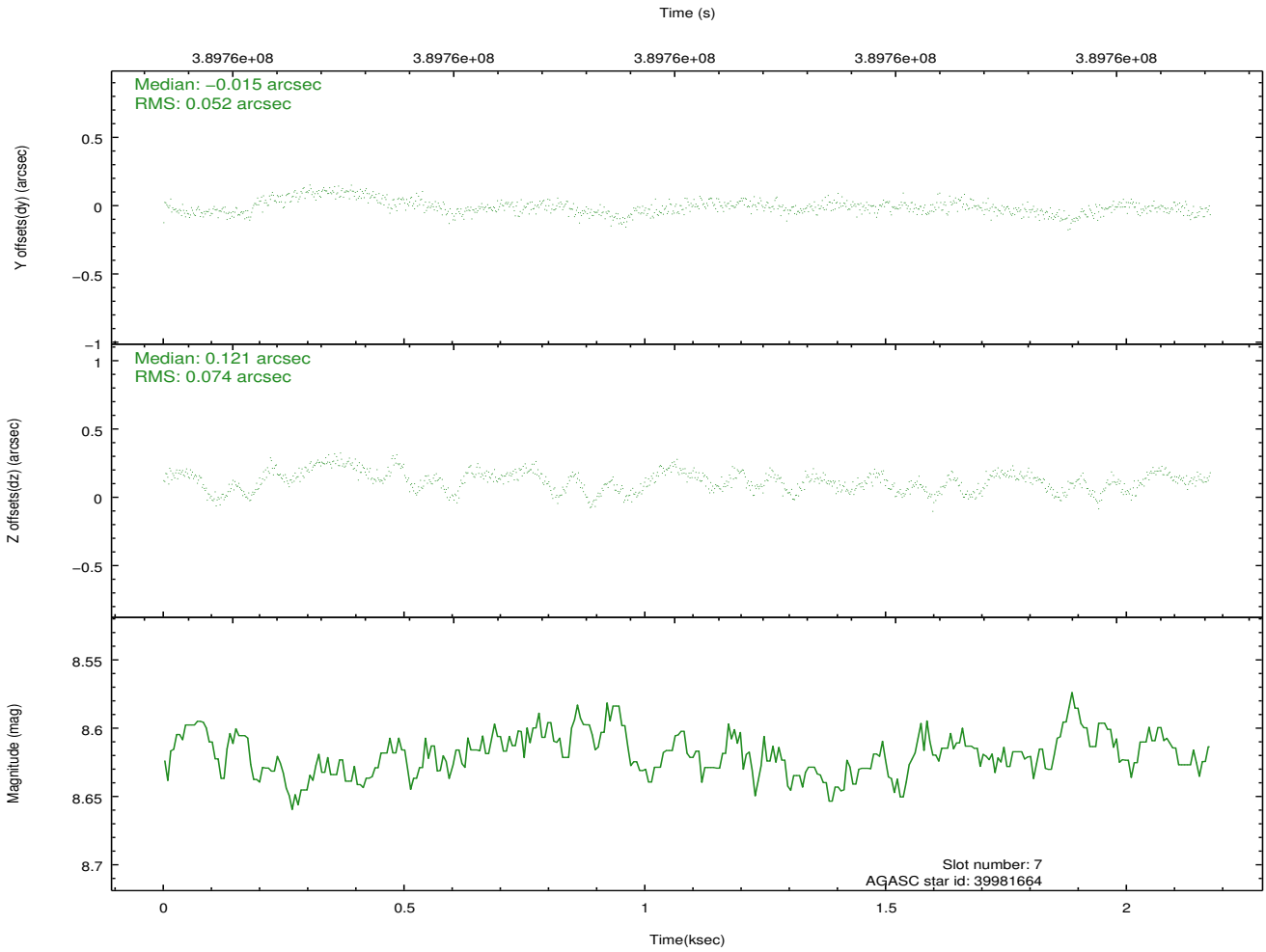
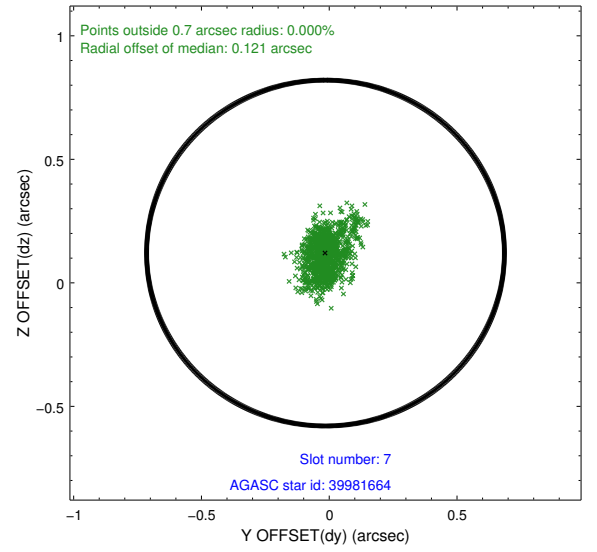
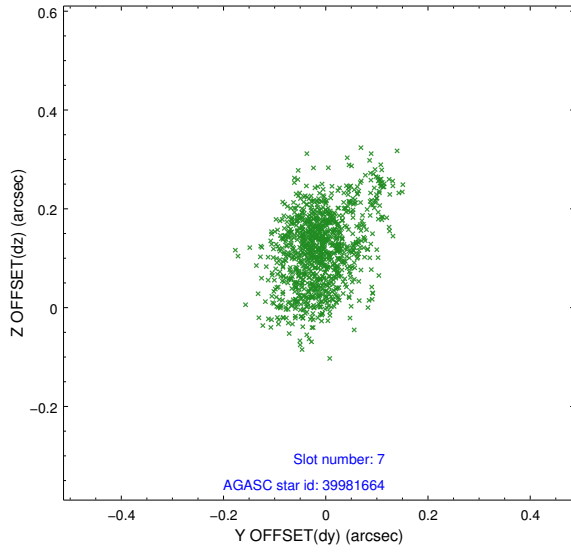
2.4.3 Slot 5



2.4.4 Slot 6

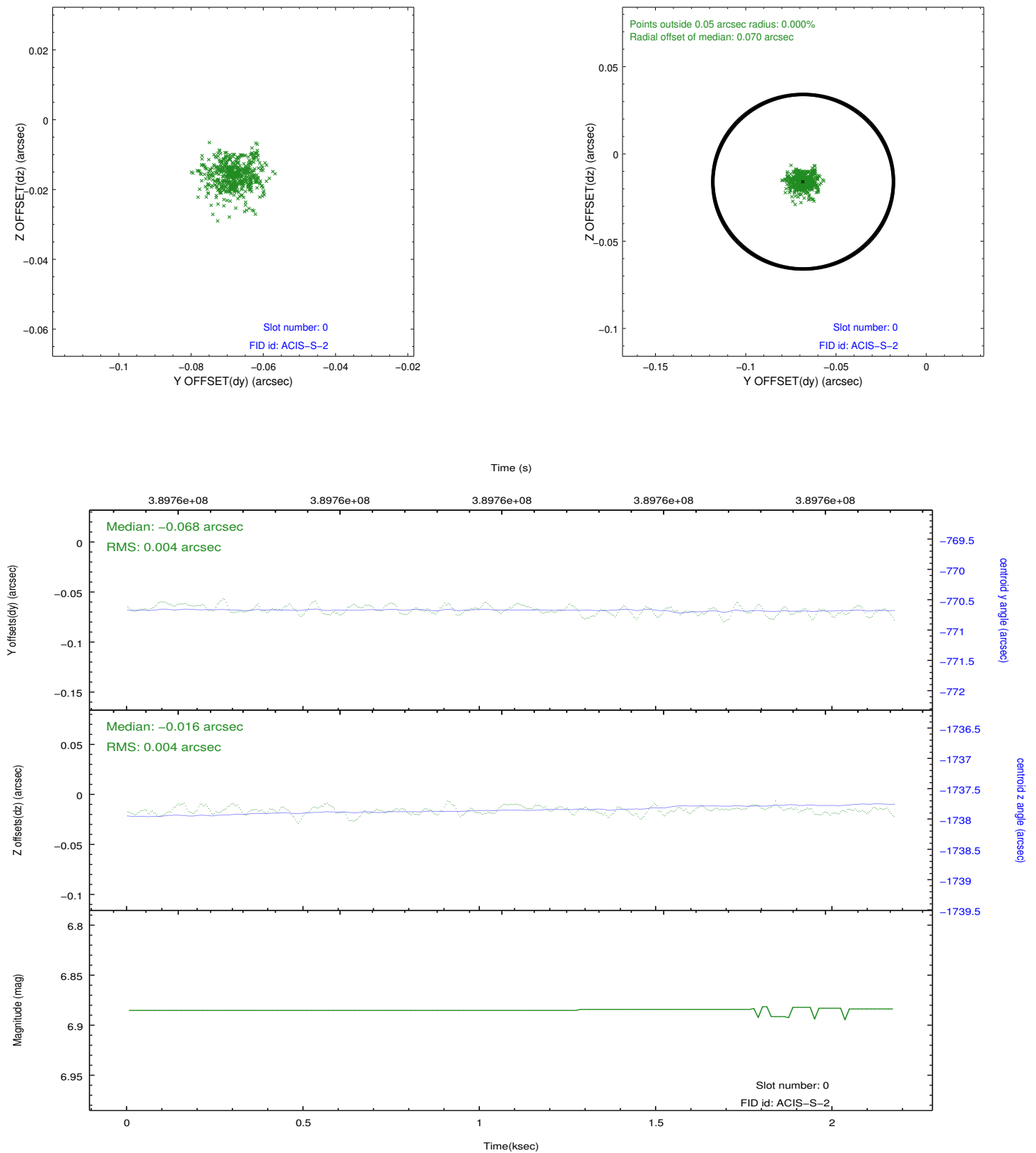


2.4.5 Slot 7

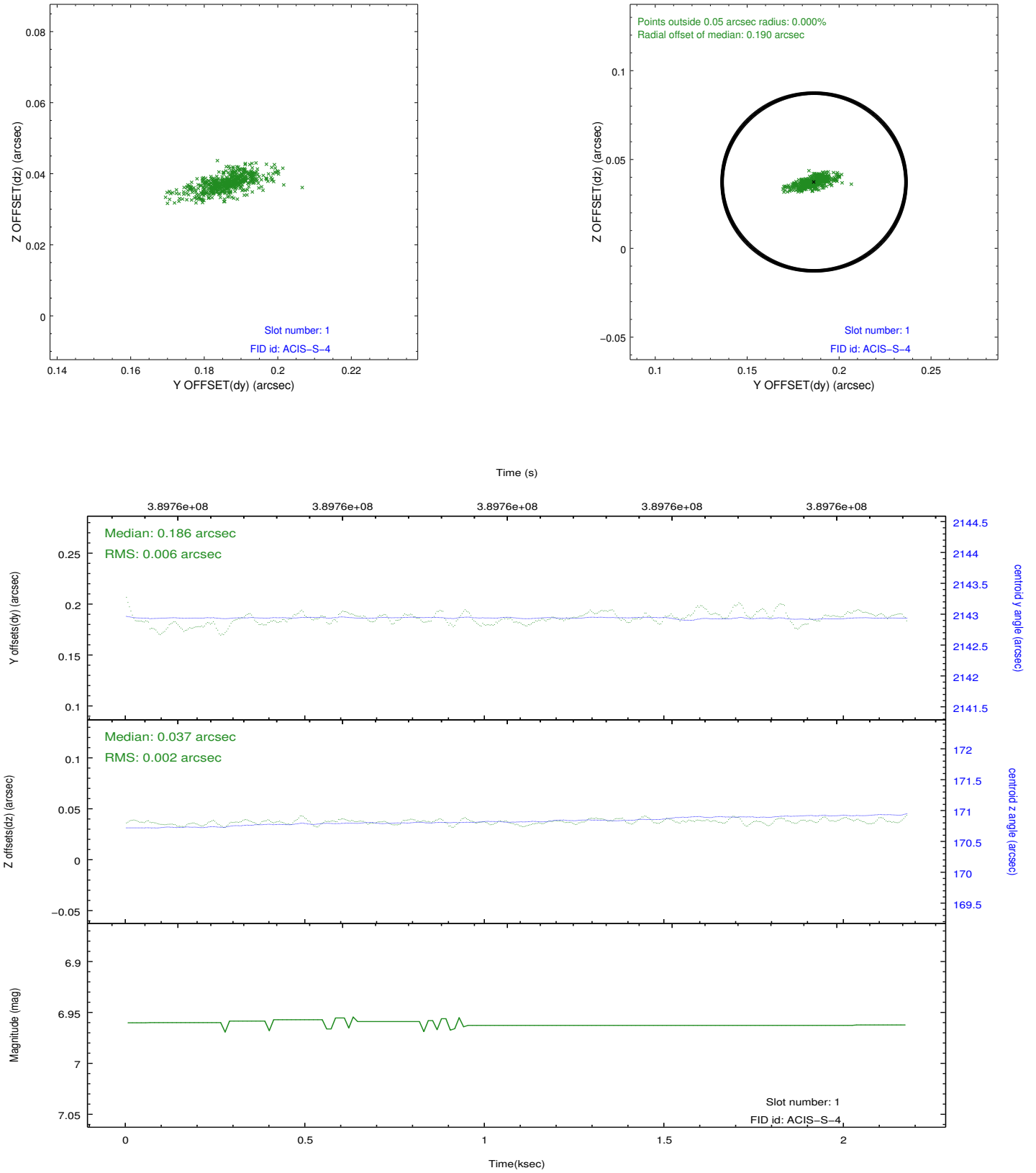


2.5 FID Slots

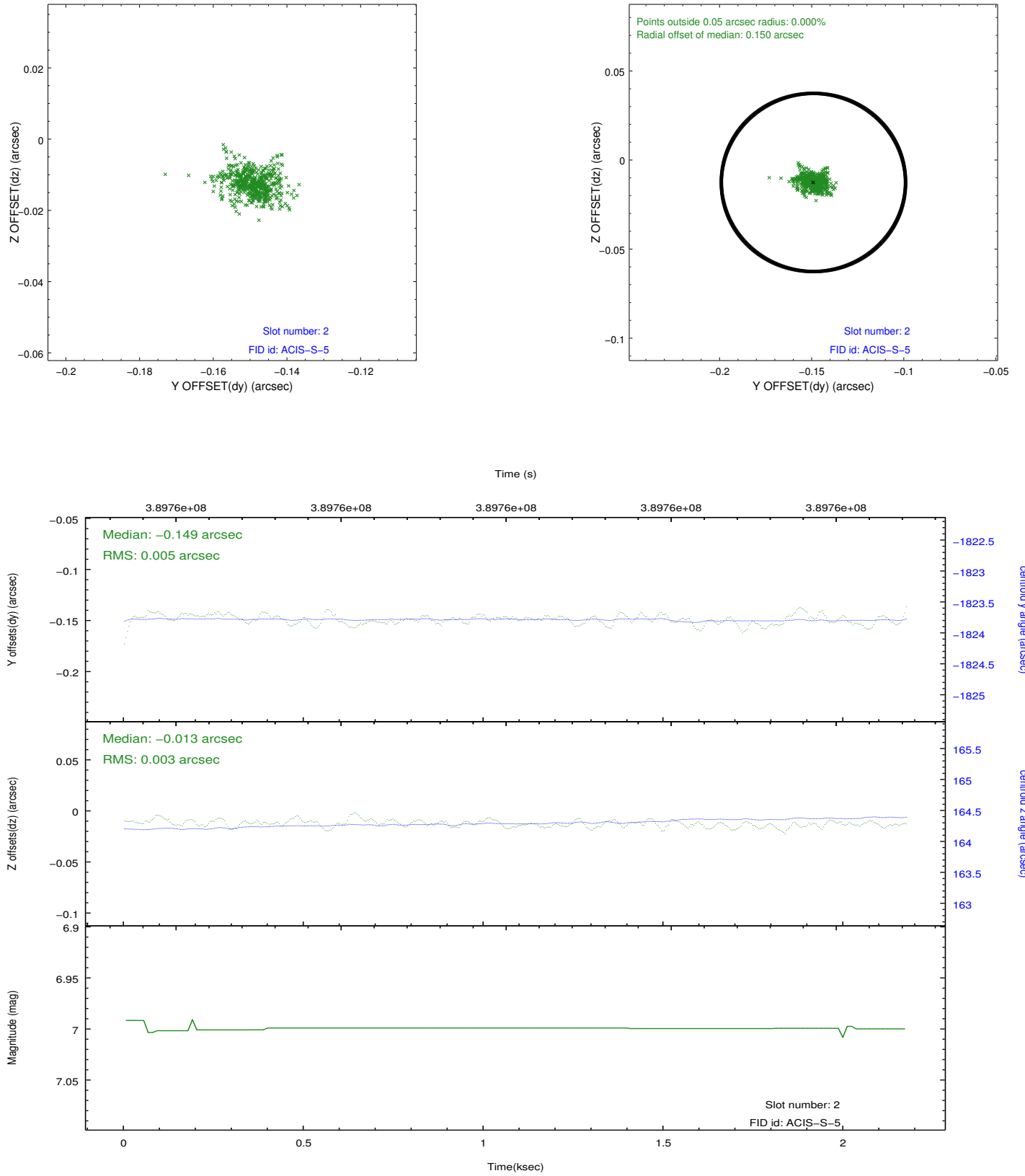
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1743998703957

A.2 Comments