

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11456 - L2 Version 2
Chandra X-Ray Center

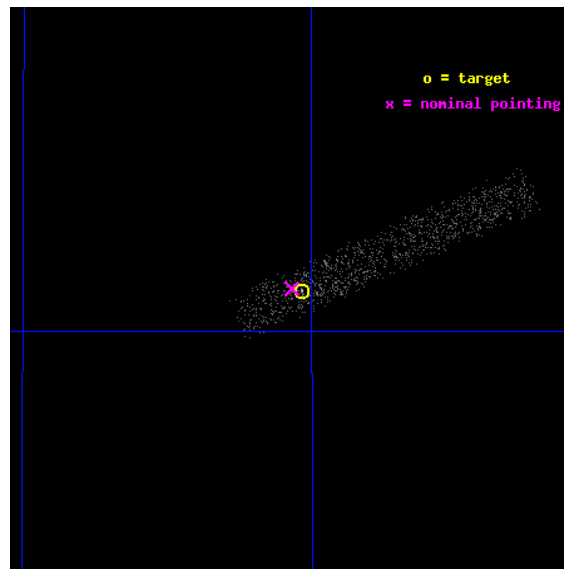
L2 Processing Date : Jul 1 2012

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1 Front

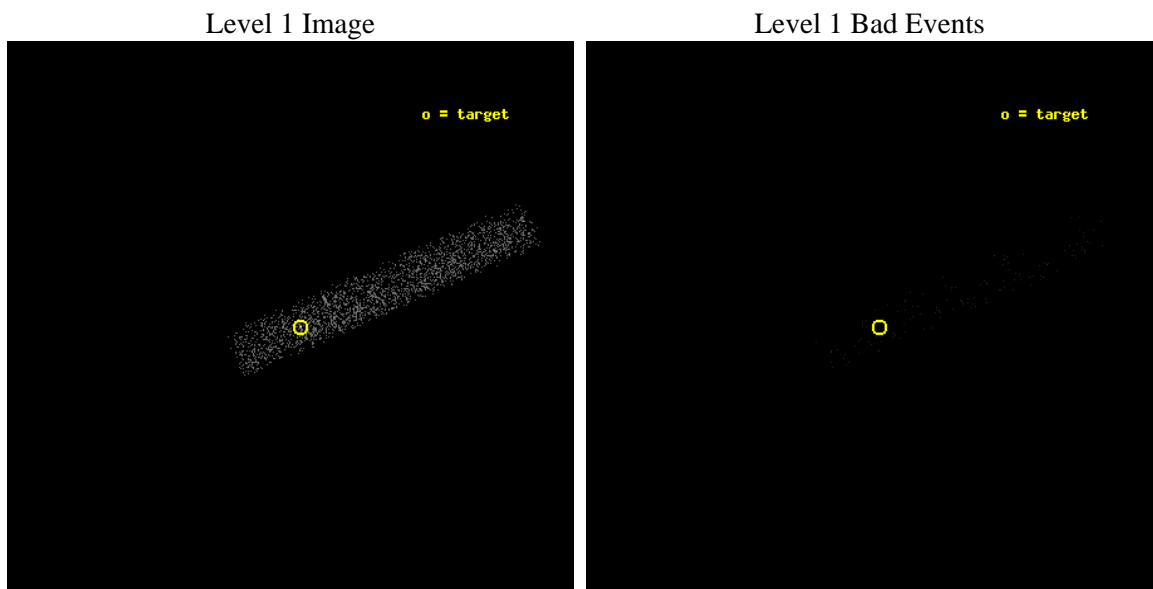
seq_num	702042	Sequence number
obs_id	11456	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J110501.97+594103.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.258333	Observer's specified target RA [deg]
dec_targ	59.684333	Observer's specified target Dec [deg]
ra_nom	166.26747518046	Nominal RA [deg]
dec_nom	59.685054254301	Nominal Dec [deg]
roll_nom	336.14866106435	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2009.1558502316	Sum of GTIs [s]
livetime	1822.1983042188	Livetime [s]
ontime7	2009.1558502316	Sum of GTIs [s]
l2events	1500	Number of level 2 events



2 OBI

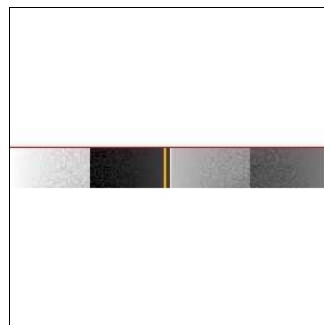
2.1 OBI

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	2009.1558502316	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2009.1558502316	Sum of GTIs [s]
date	2012-07-01T16:16:58	Date and time of file creation	l1events	2883	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

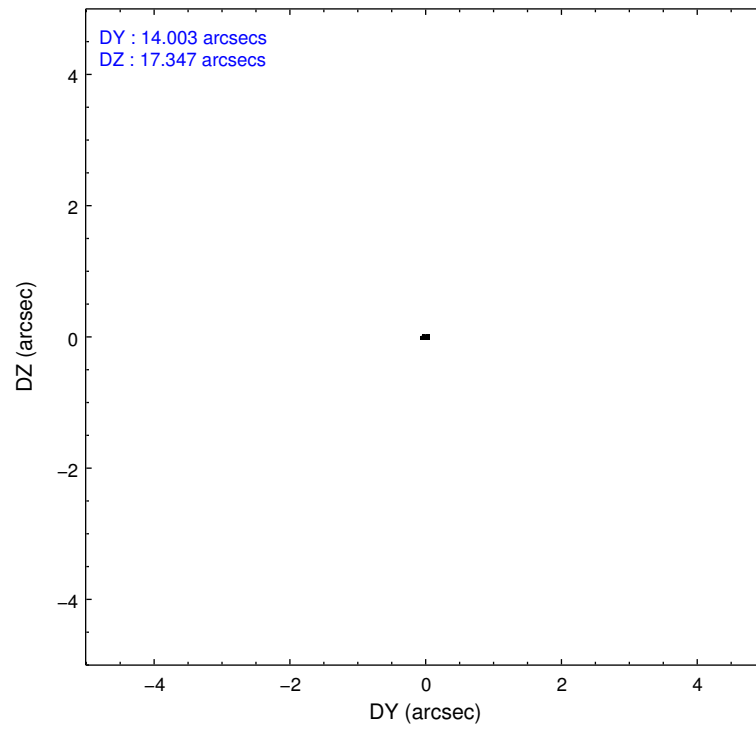
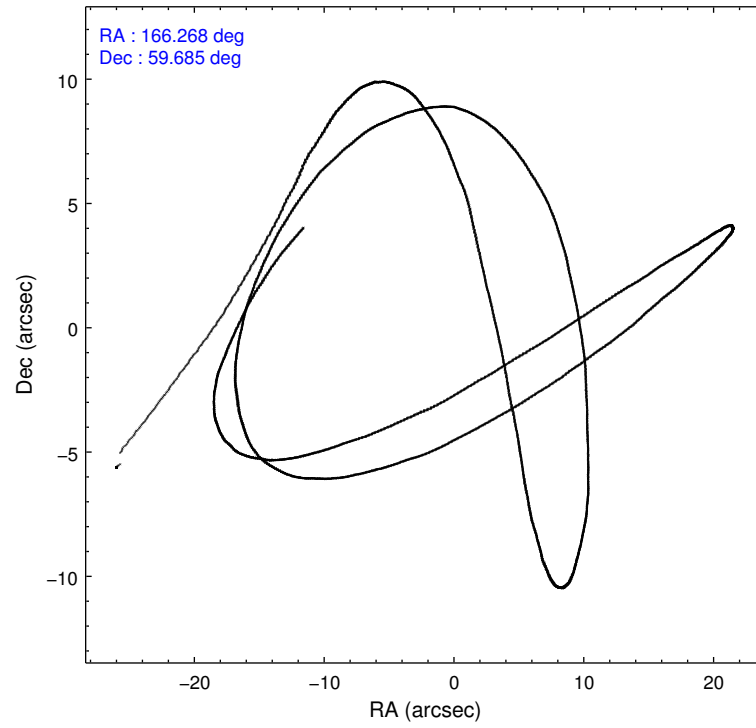
	ccd 7
level 1 events	2883
rejected events	1324
rejected %	45%

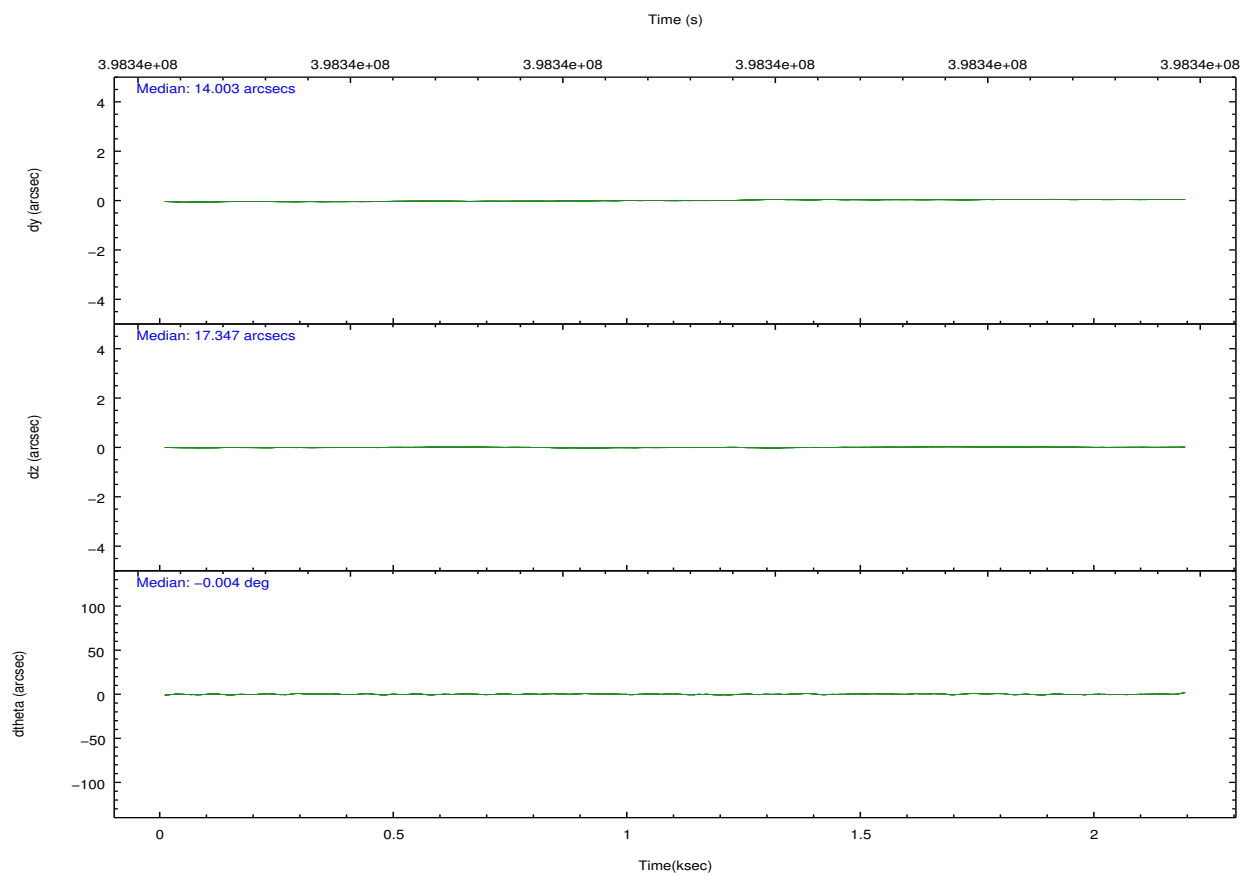
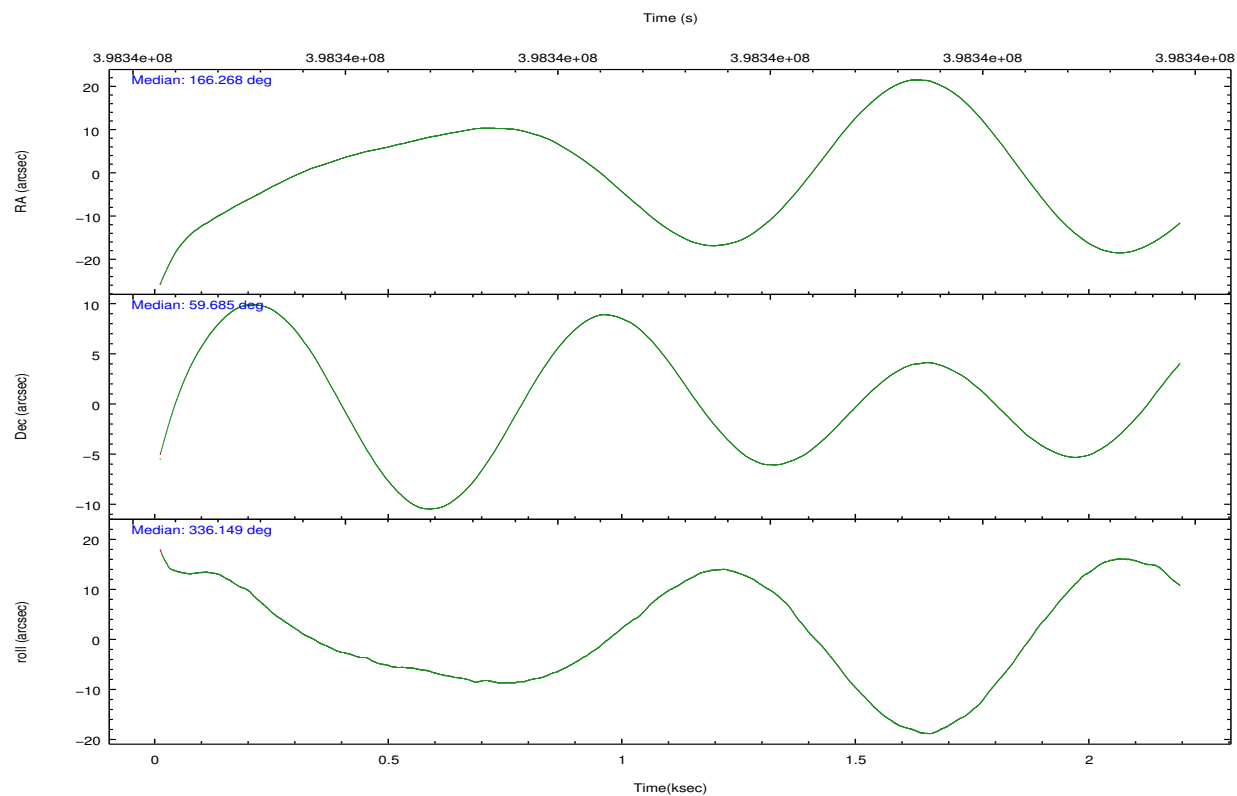
	ccd 7
grade 0 events	212
	7%
grade 1 events	5
	0%
grade 2 events	319
	11%
grade 3 events	211
	7%
grade 4 events	210
	7%
grade 5 events	244
	8%
grade 6 events	607
	21%
grade 7 events	1075
	37%

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	166.214072	166.2674751804572	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	59.681683	59.68505425430122	Subarray start row	449	449
[deg] Pointing Roll	336.038204	336.1486610643526	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)	398336355.184000	398335483.04838			
Observation start date	2010-08-16T08:58:09	2010-08-16T08:44:43			
[s] Observation end time (MET)	398338355.184000	398339276.57358			
Observation end date	2010-08-16T09:31:29	2010-08-16T09:47:56			
Read mode	TIMED	TIMED			

2.3 Aspect



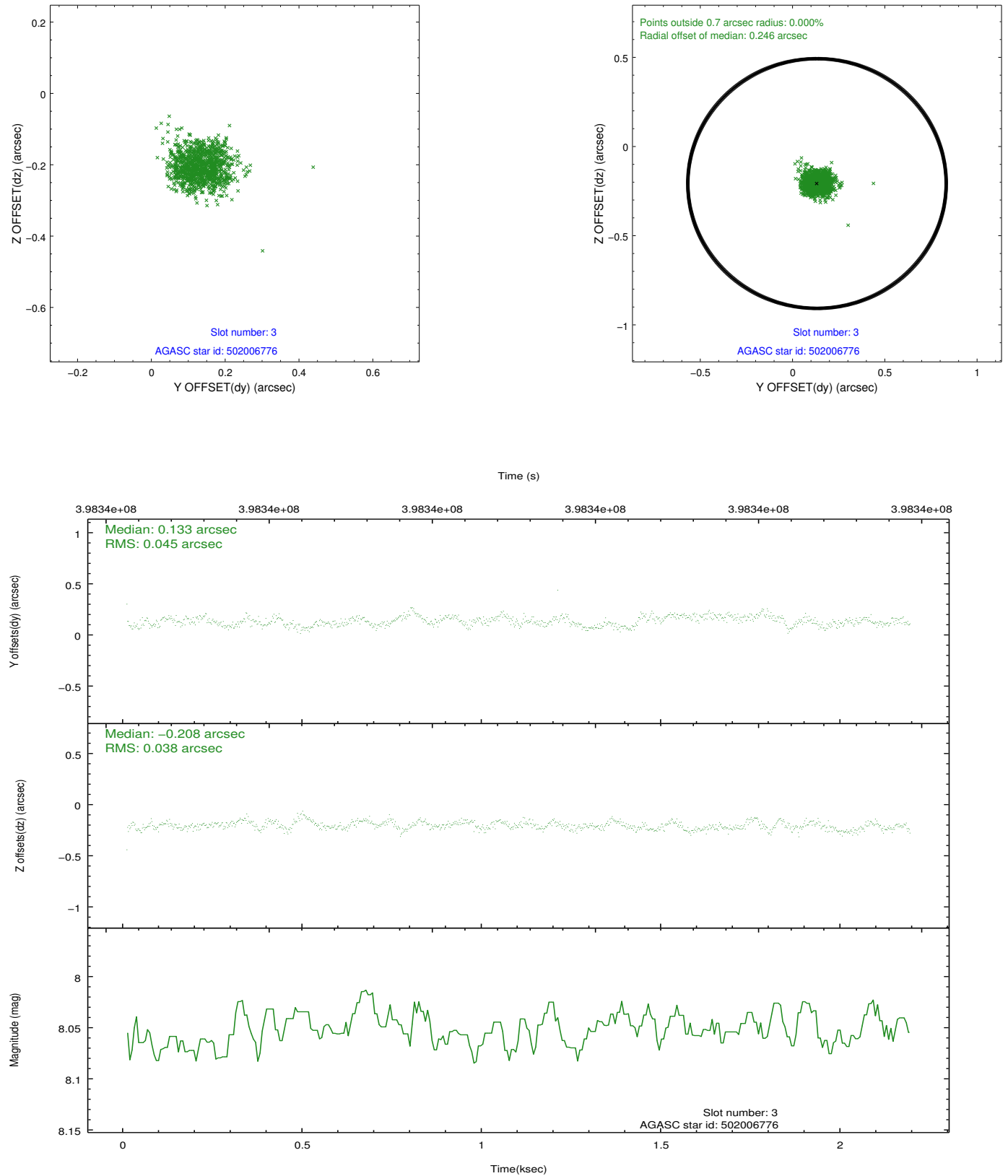


Slot Statistics

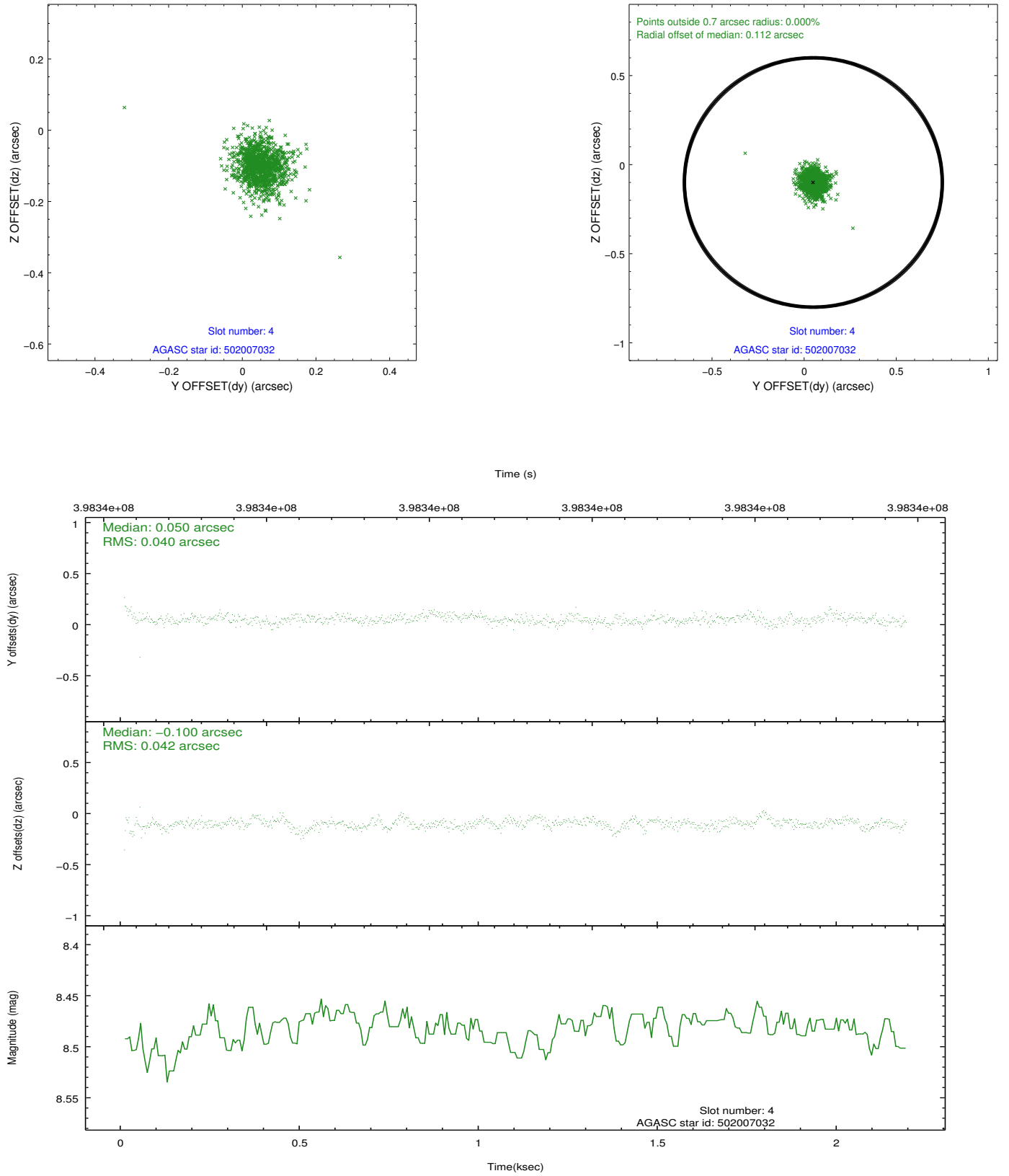
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	533	0.080	-0.050	0.006	0.010	0.000000	0.000000	929.11	-1734.44
1	FID	ACIS-S-4	6.96	533	0.106	0.000	0.006	0.010	0.000000	0.000000	2148.25	166.64
2	FID	ACIS-S-5	6.99	533	-0.212	0.061	0.005	0.011	0.000000	0.000000	-1816.17	163.78
3	GUIDE	502006776	8.05	1066	0.133	-0.208	0.063	0.096	166.082135	59.843553	-453.70	435.75
4	GUIDE	502007032	8.48	1066	0.050	-0.100	0.058	0.100	166.143012	59.802020	-292.96	344.12
5	GUIDE	543297792	8.82	1066	-0.045	0.029	0.061	0.106	165.408156	60.126451	-1973.74	884.82
6	GUIDE	502009968	7.08	1066	-0.298	0.202	0.052	0.086	167.239797	59.215292	2401.79	-752.33
7	GUIDE	543431040	9.31	1064	0.159	0.074	0.083	0.137	165.729791	60.147413	-1472.03	1180.84

2.4 Star Slots

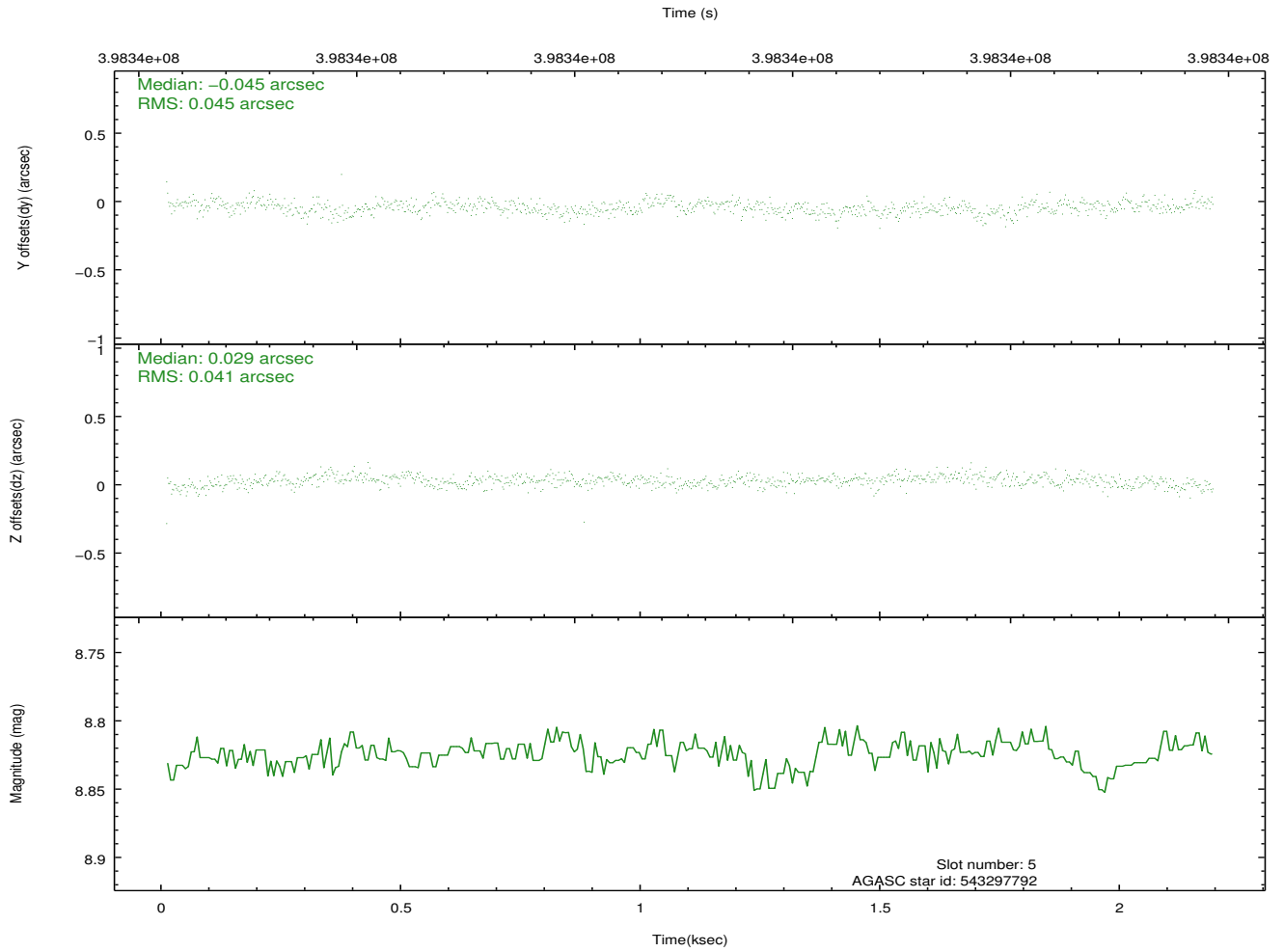
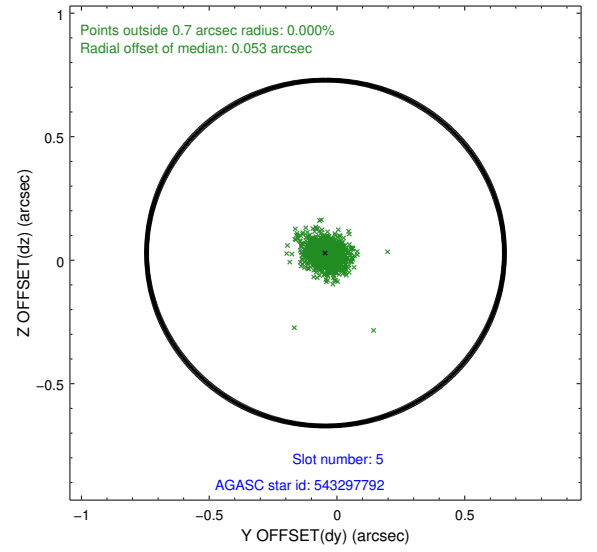
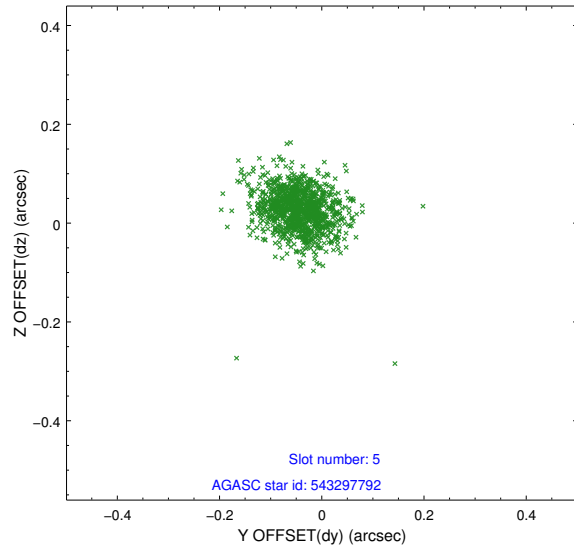
2.4.1 Slot 3



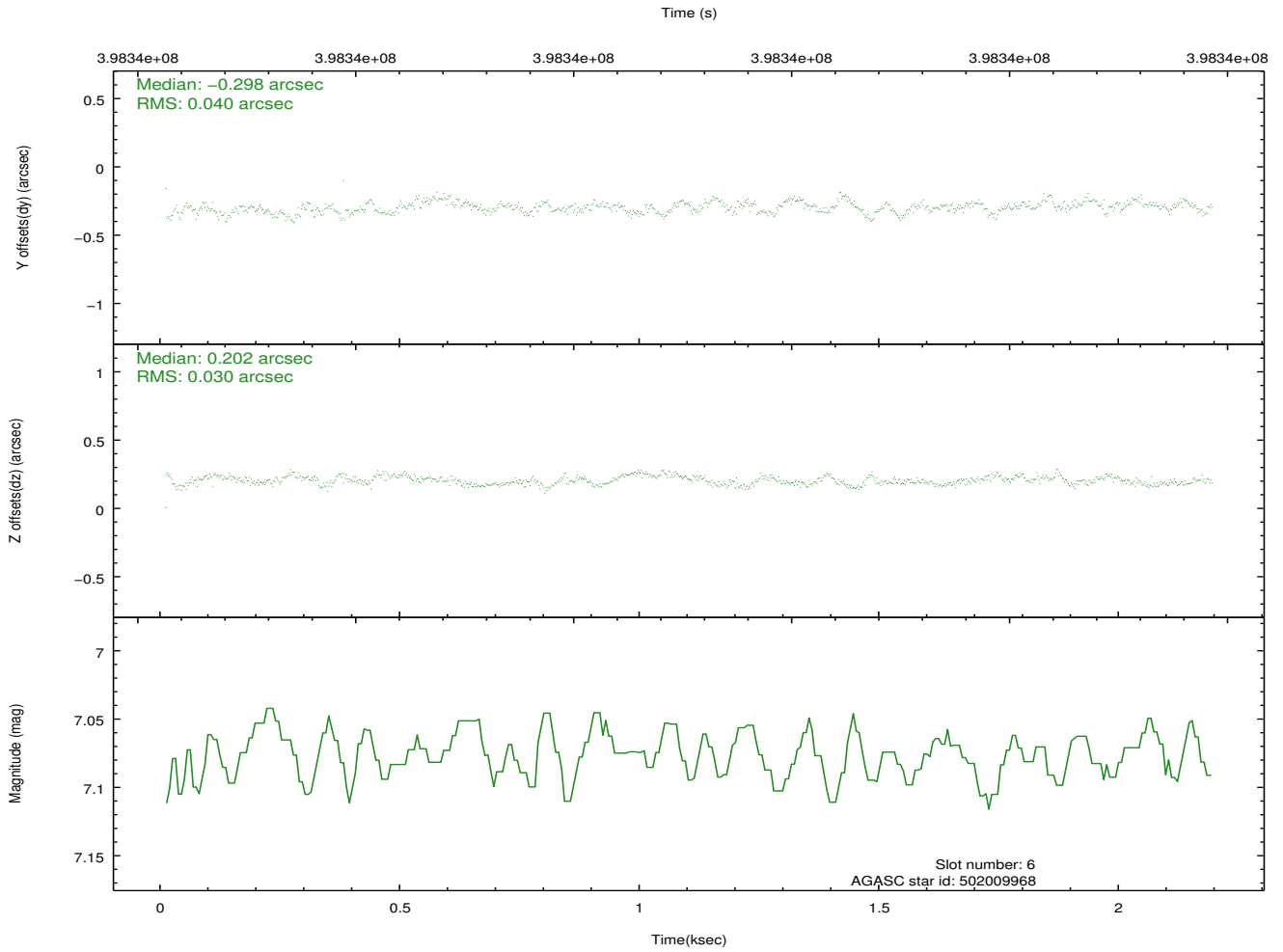
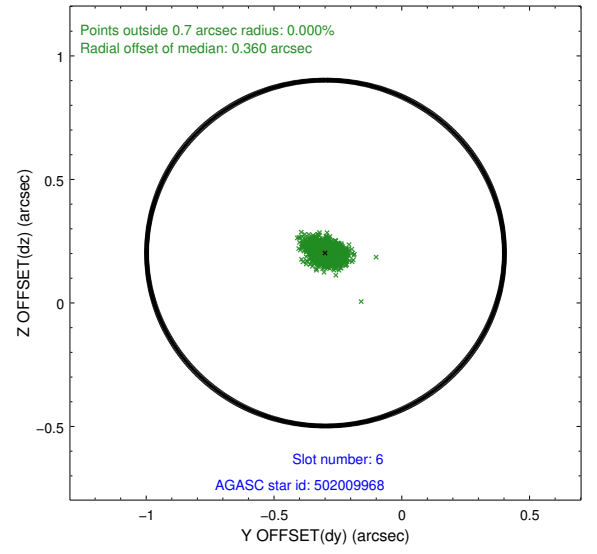
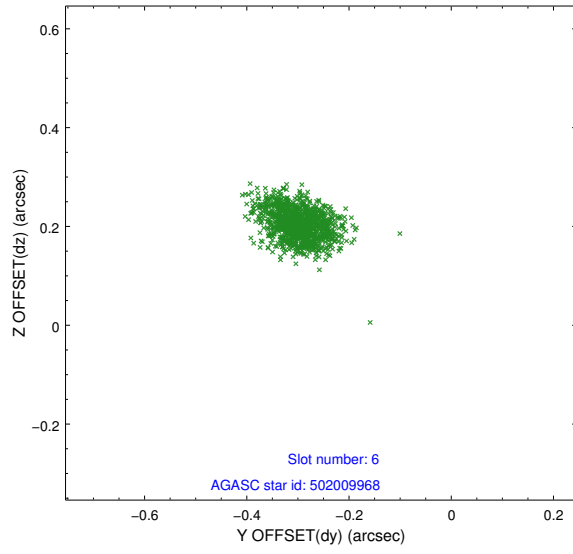
2.4.2 Slot 4



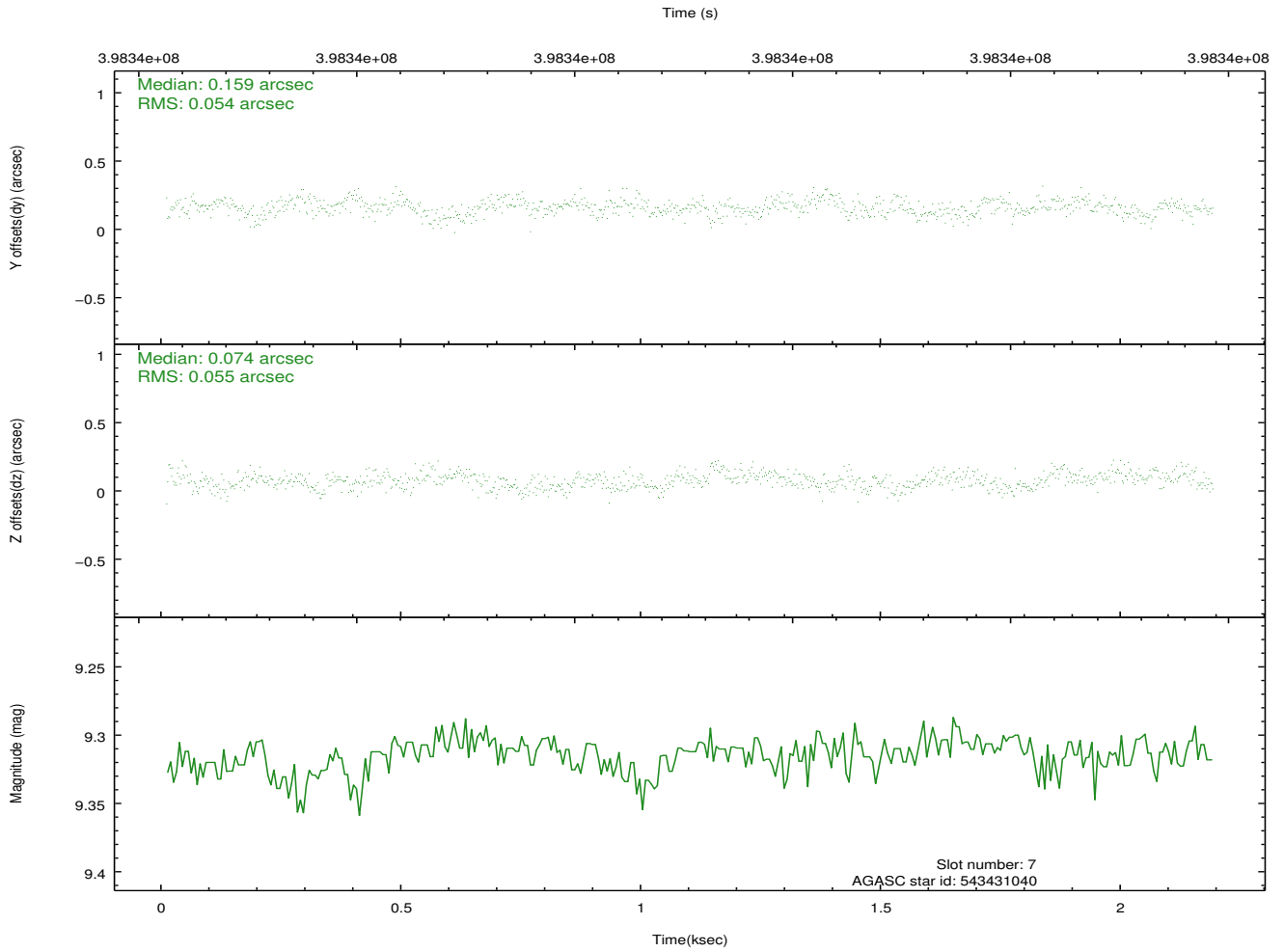
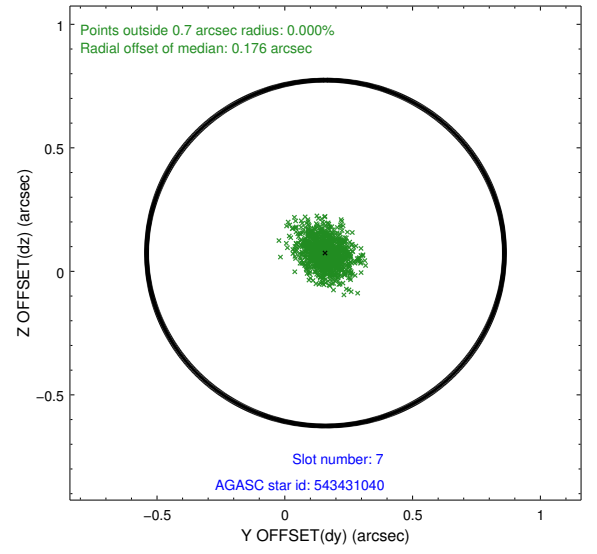
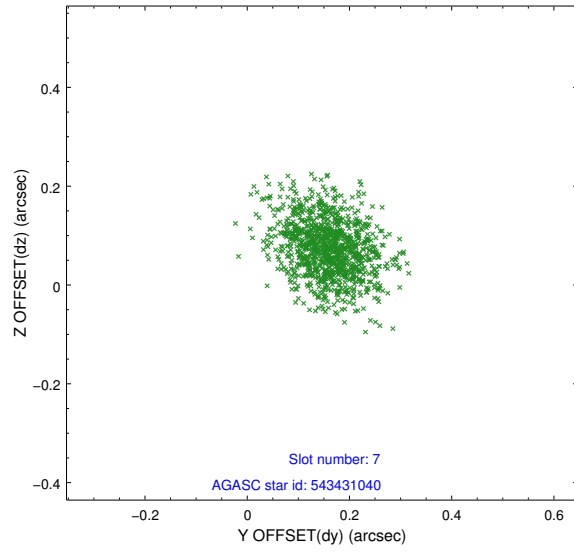
2.4.3 Slot 5



2.4.4 Slot 6

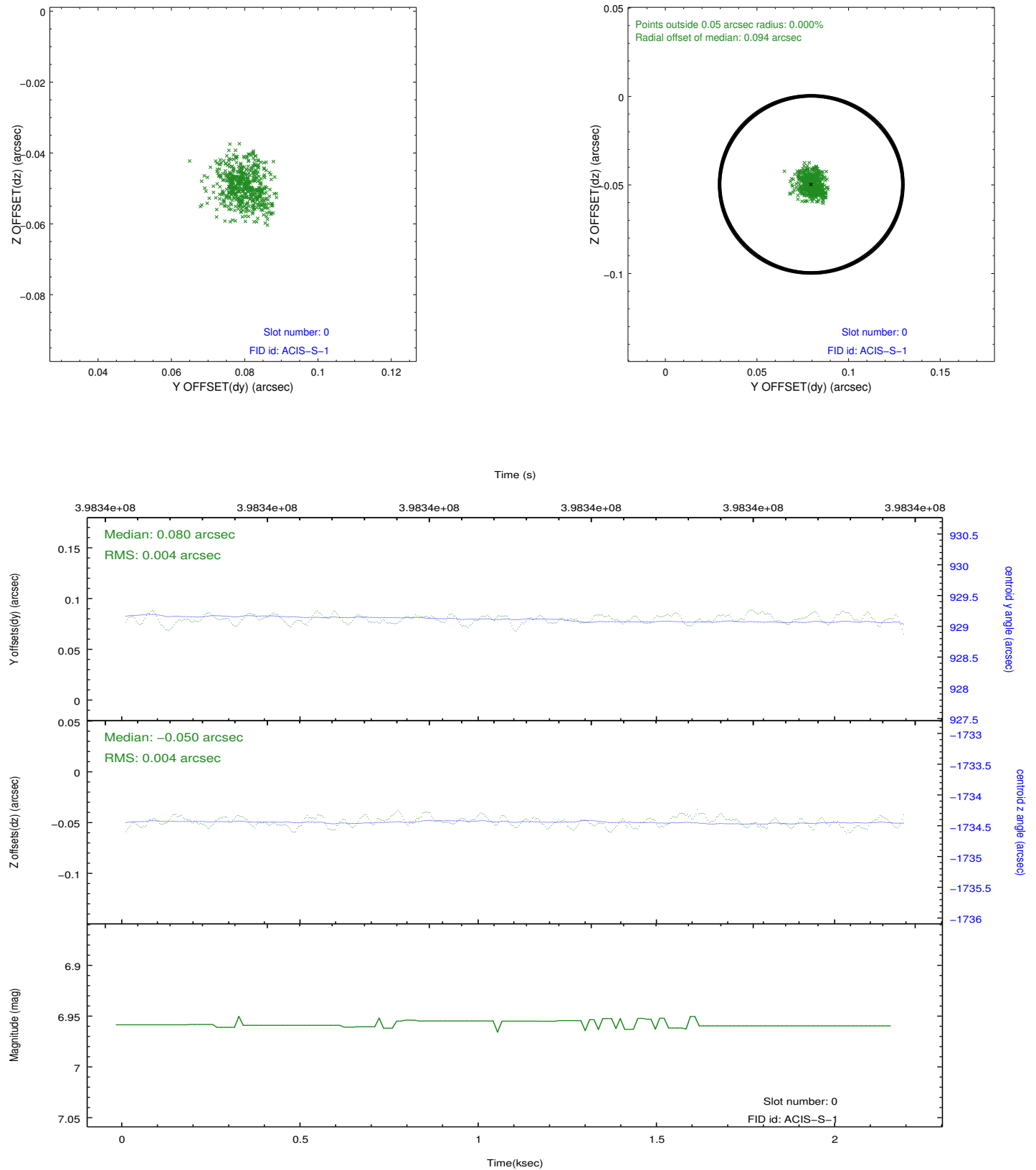


2.4.5 Slot 7

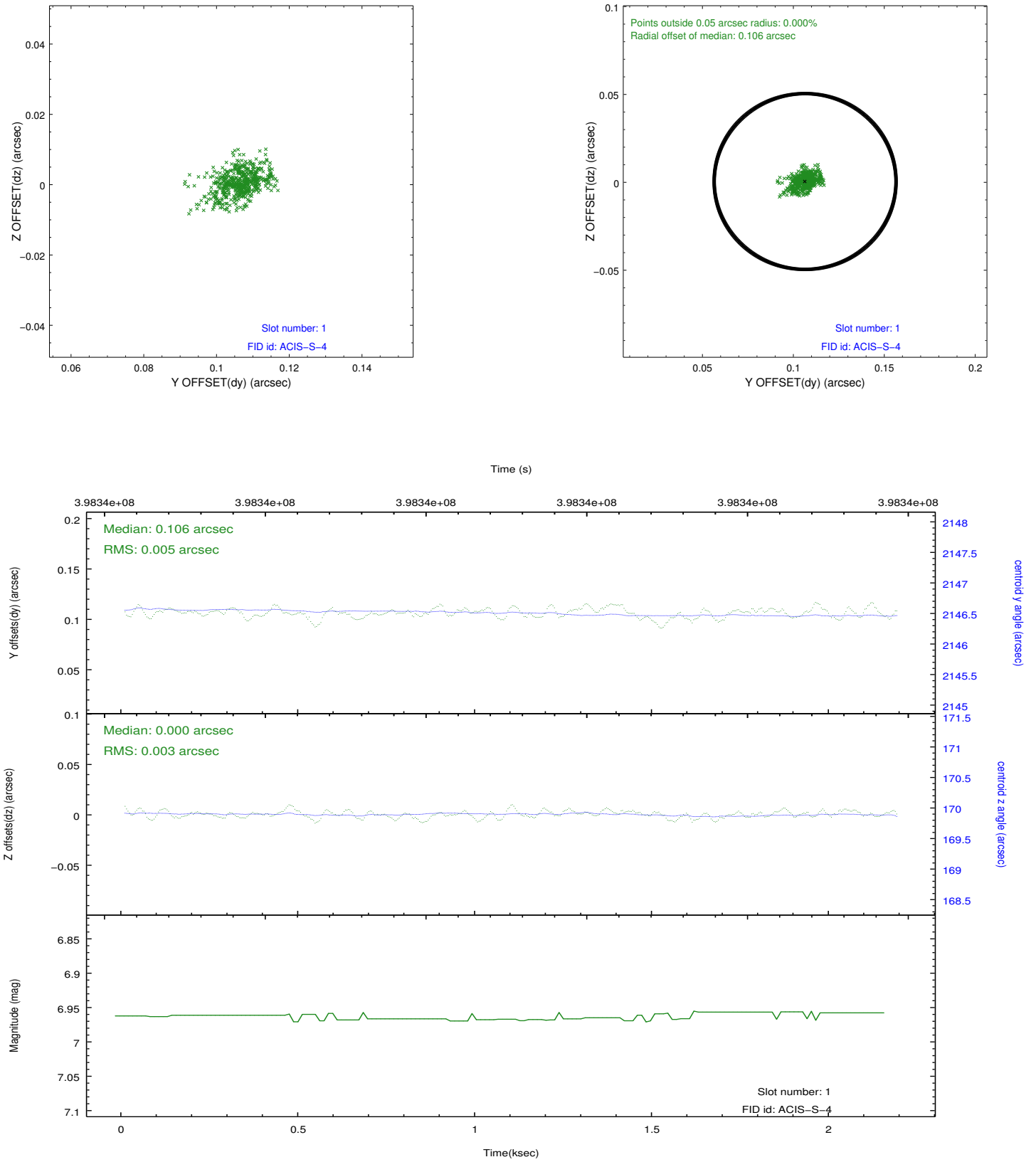


2.5 FID Slots

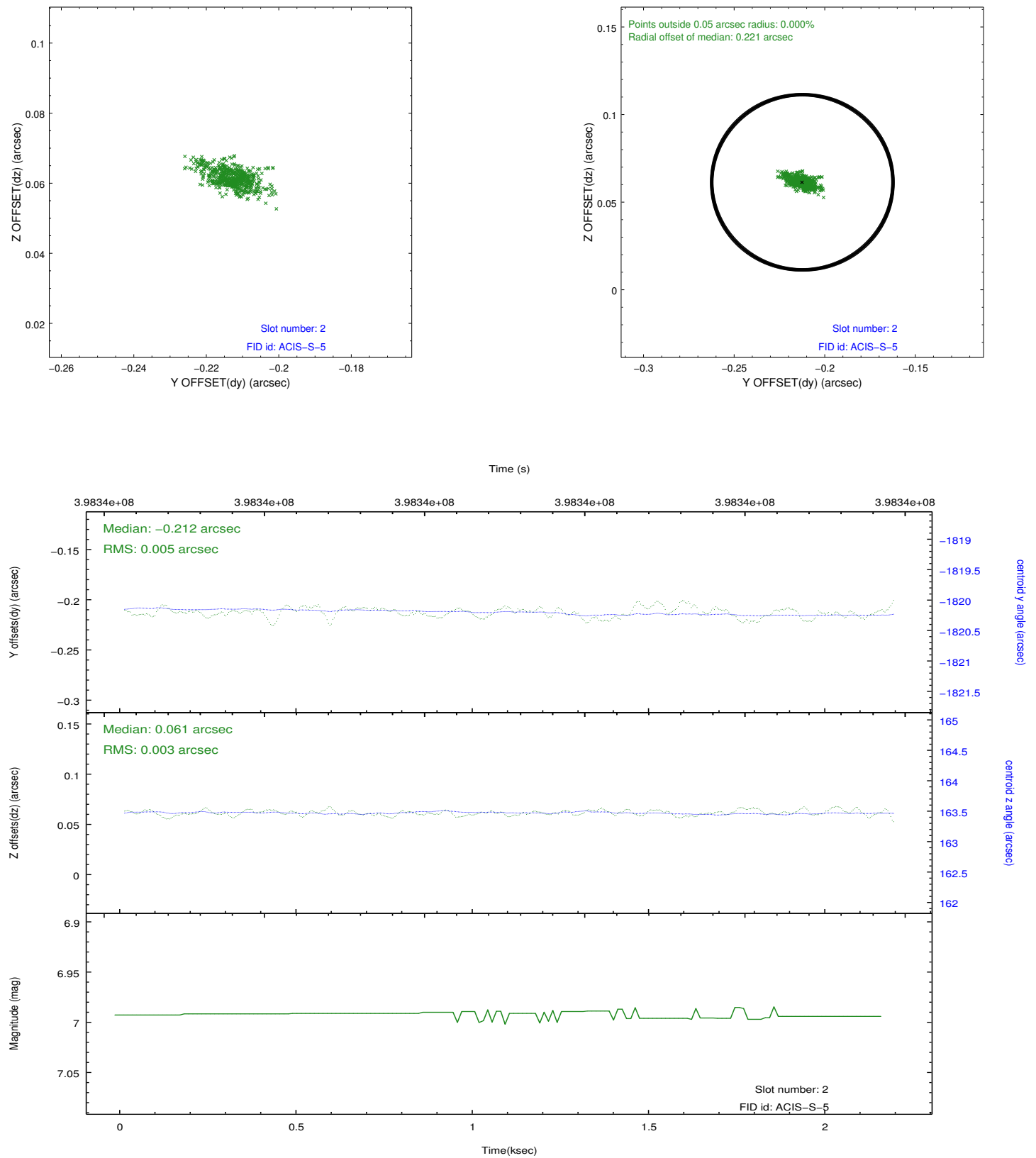
2.5.1 Slot 0



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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0091558516622

A.2 Comments