

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3883 - L2 Version 3
Chandra X-Ray Center

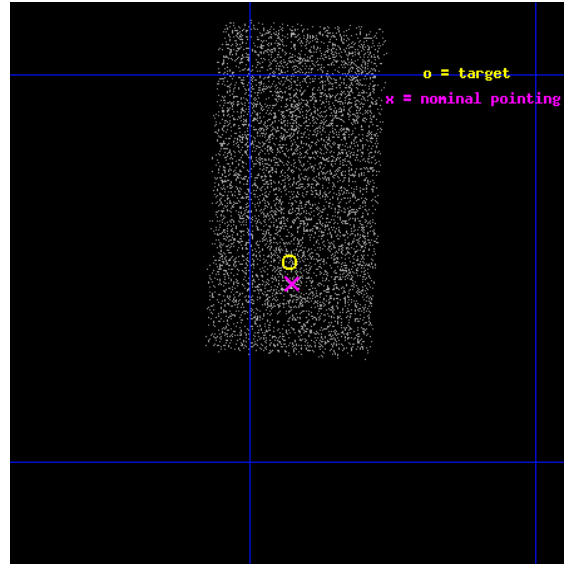
L2 Processing Date : Oct 24 2012

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1 Front

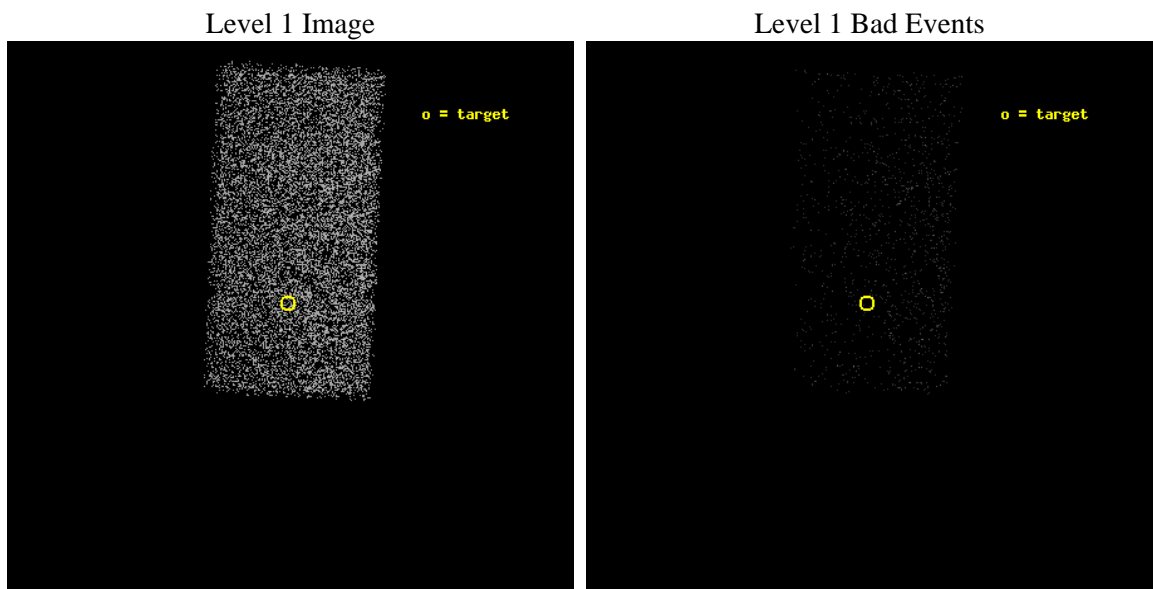
seq_num	500362	Sequence number
obs_id	3883	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	LNS 6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	99.857917	Observer's specified target RA [deg]
dec_targ	5.253056	Observer's specified target Dec [deg]
ra_nom	99.856652004614	Nominal RA [deg]
dec_nom	5.2434297301176	Nominal Dec [deg]
roll_nom	272.42757379024	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3787.5	Sum of GTIs [s]
livetime	3686.6337019156	Livetime [s]
ontime7	3787.5	Sum of GTIs [s]
l2events	6729	Number of level 2 events



2 OBI

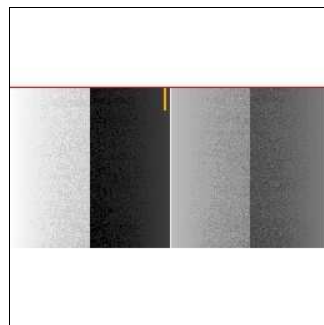
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3787.5	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3787.5	Sum of GTIs [s]
date	2012-10-24T12:47:35	Date and time of file creation	l1events	16054	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

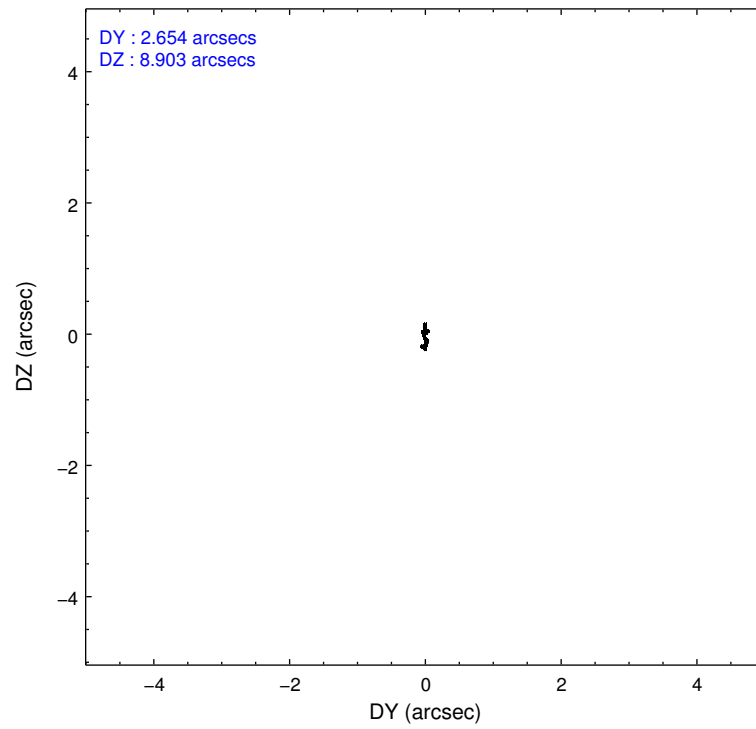
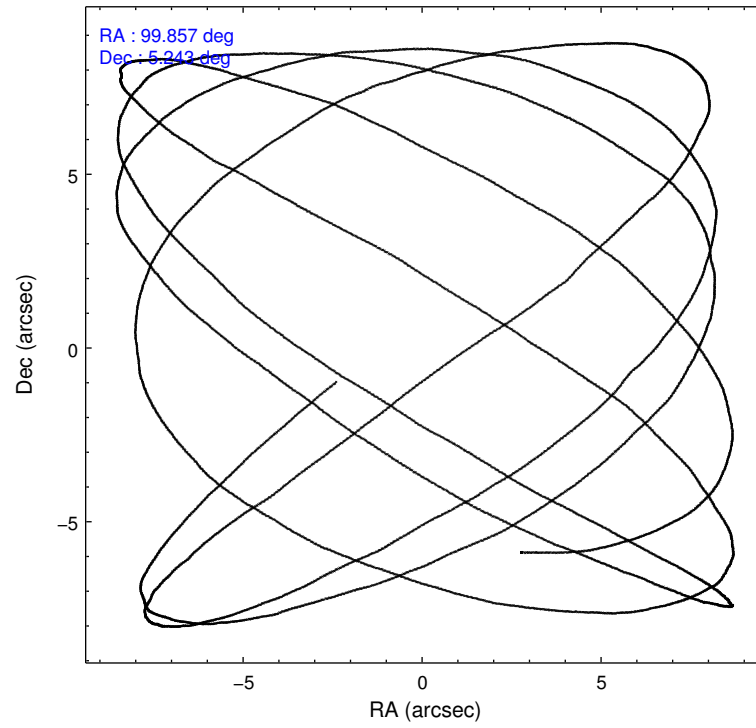
	ccd 7
level 1 events	16054
rejected events	9133
rejected %	56%

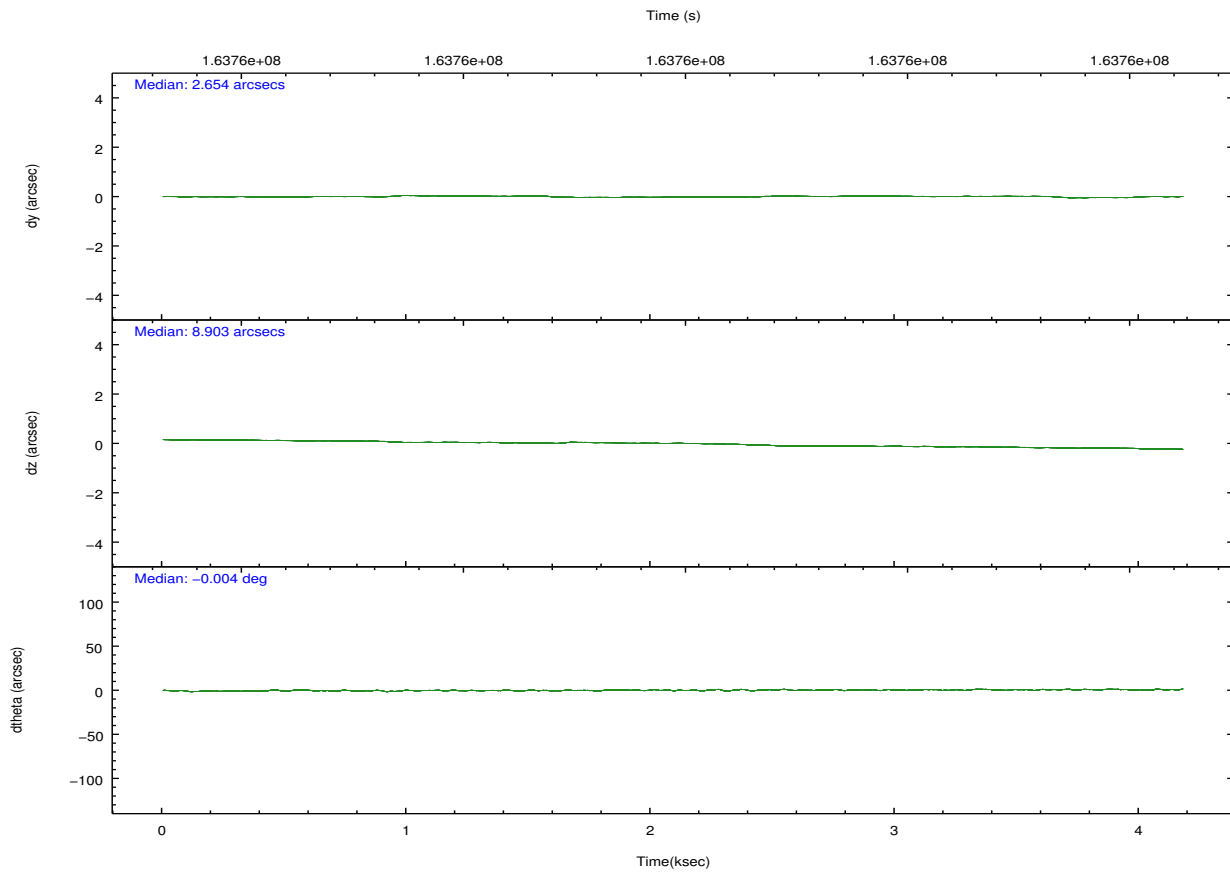
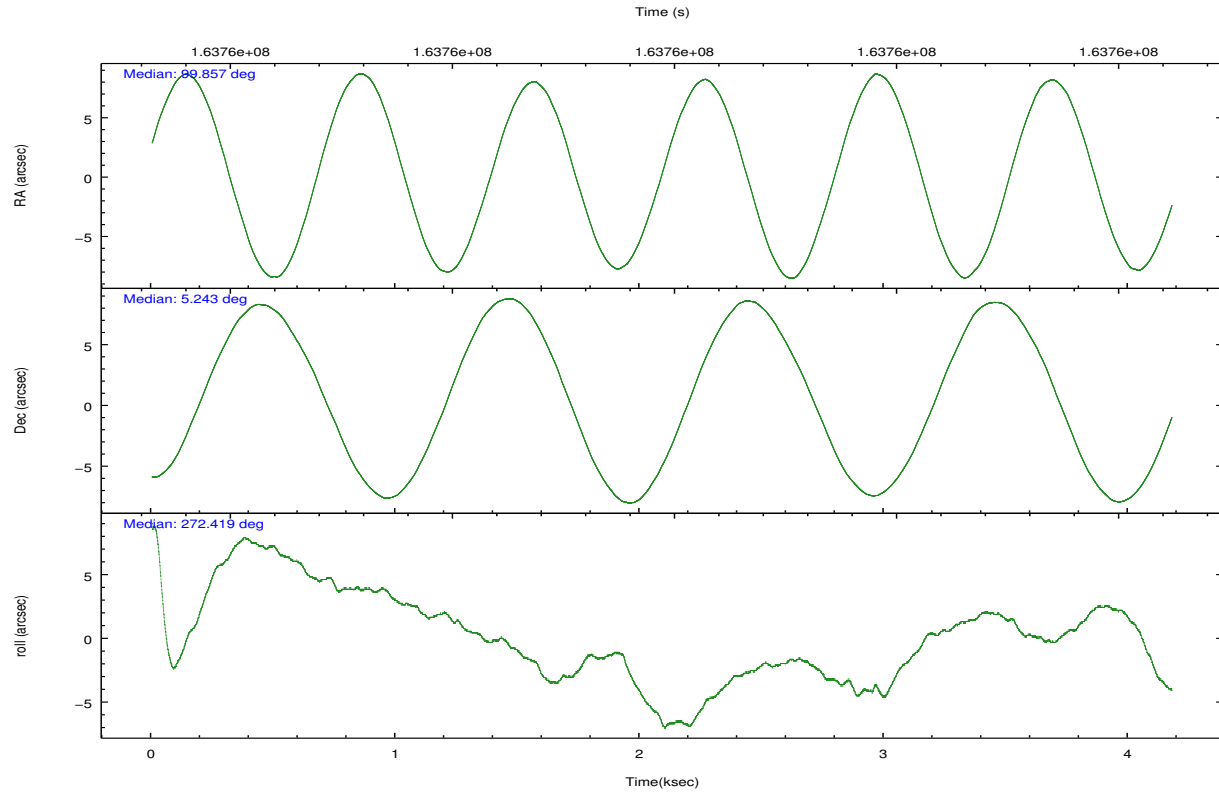
	ccd 7
grade 0 events	756
	4%
grade 1 events	15
	0%
grade 2 events	1376
	8%
grade 3 events	702
	4%
grade 4 events	667
	4%
grade 5 events	1606
	10%
grade 6 events	3425
	21%
grade 7 events	7507
	46%

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	99.841643	99.85665200461433	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	5.266251	5.243429730117616	Subarray start row	257	257
[deg] Pointing Roll	272.272309	272.4275737902361	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	163761040.184000	163759580.00621			
Observation start date	2003-03-11T09:09:36	2003-03-11T08:46:20			
[s] Observation end time (MET)	163764040.184000	163764712.69392			
Observation end date	2003-03-11T09:59:36	2003-03-11T10:11:52			
Read mode	TIMED	TIMED			

2.3 Aspect



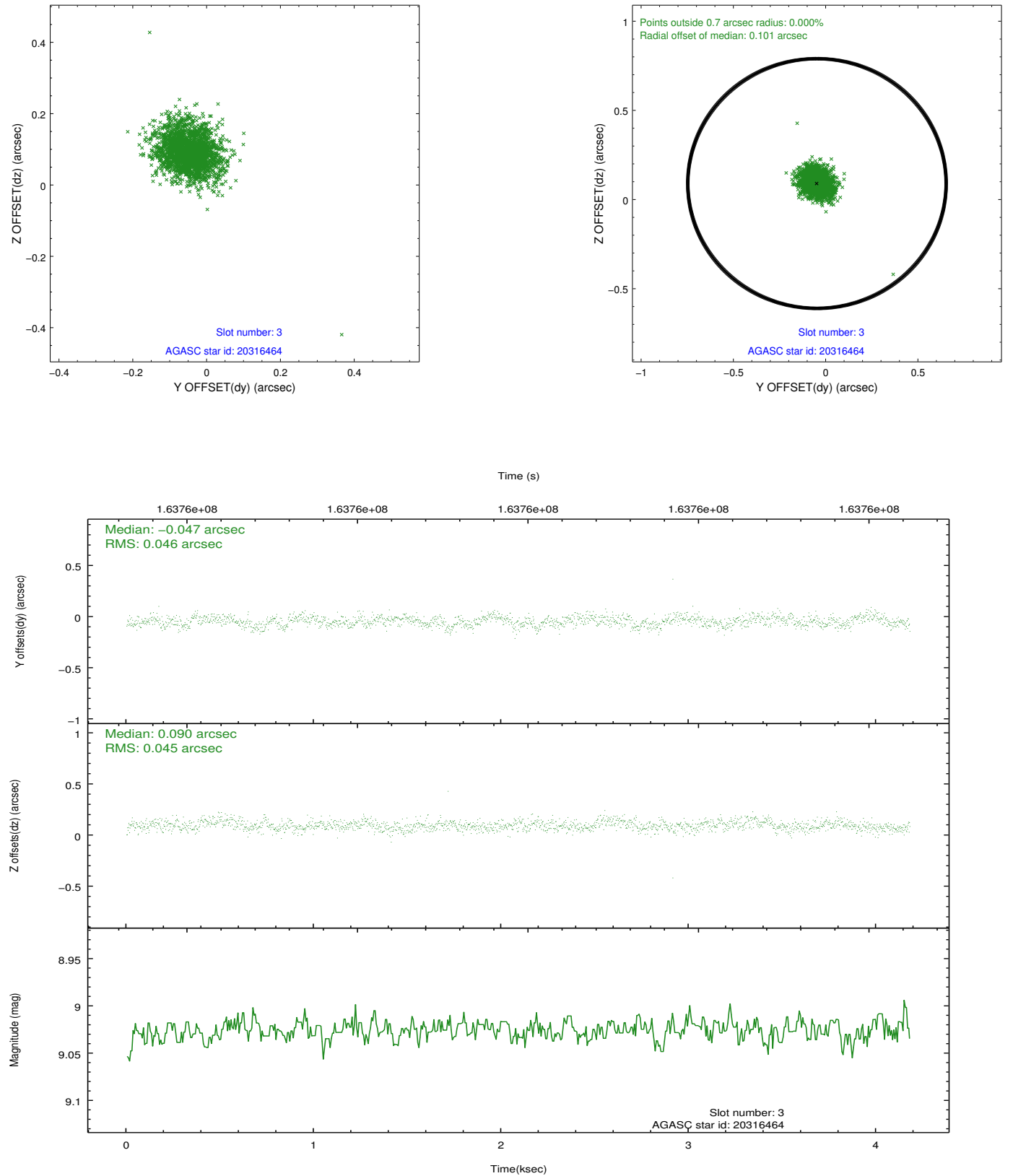


Slot Statistics

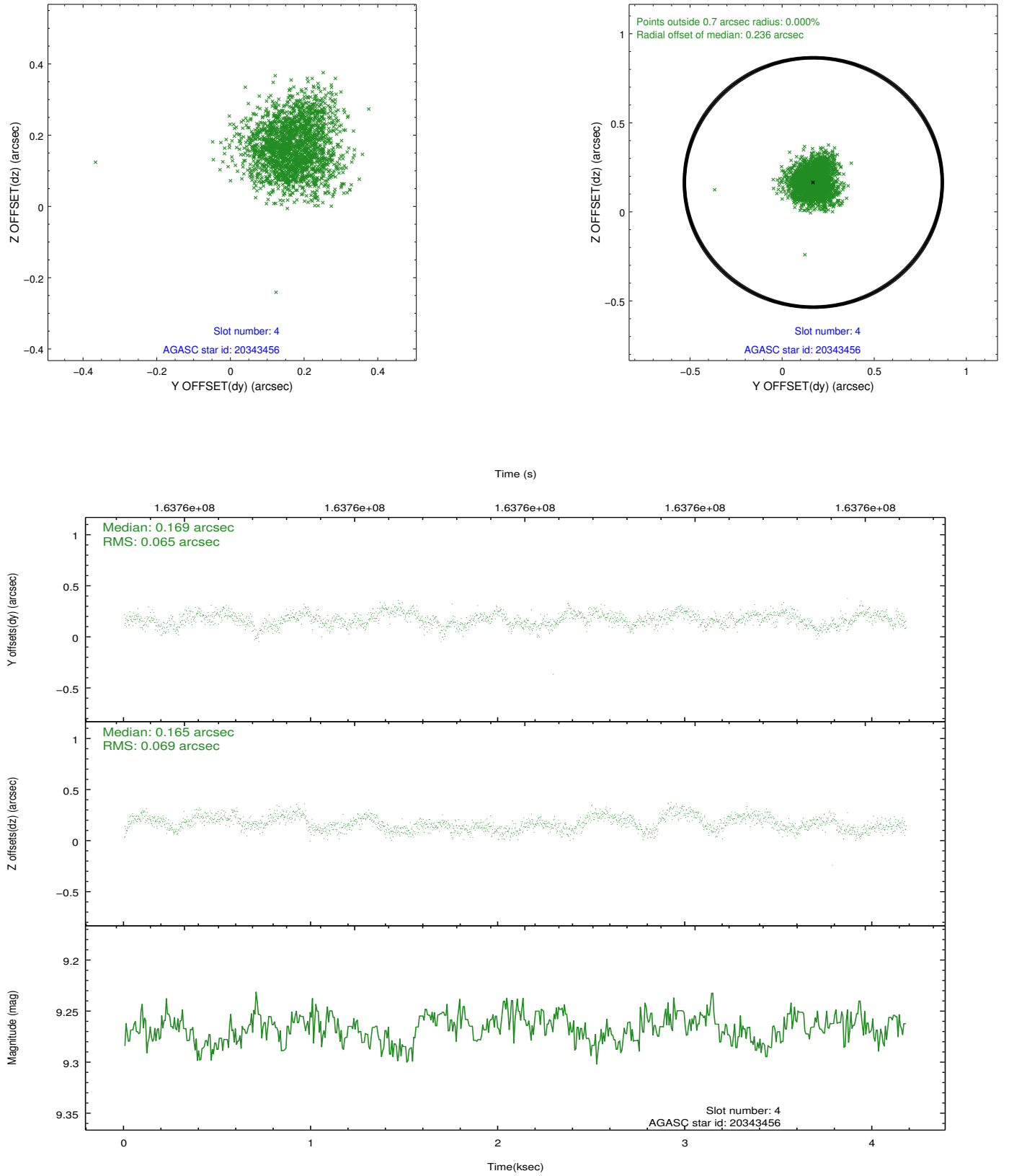
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1019	-0.030	-0.013	0.007	0.011	0.000000	0.000000	-755.30	-1730.05
1	FID	ACIS-S-4	7.20	1019	-0.005	0.018	0.007	0.012	0.000000	0.000000	2157.32	176.94
2	FID	ACIS-S-5	7.24	1020	0.004	0.004	0.008	0.012	0.000000	0.000000	-1806.21	172.27
3	GUIDE	20316464	9.03	2039	-0.047	0.090	0.065	0.108	100.282040	5.470405	-672.55	1606.24
4	GUIDE	20343456	9.27	2039	0.169	0.165	0.100	0.162	100.347699	4.673589	2202.98	1731.26
5	GUIDE	20189424	9.57	2039	0.218	-0.253	0.117	0.192	99.246936	4.694055	1974.50	-2212.84
6	GUIDE	20733264	9.52	2037	-0.187	-0.083	0.113	0.193	99.225781	5.663479	-1516.33	-2149.15
7	GUIDE	20843096	9.87	2037	-0.161	0.080	0.174	0.289	100.474294	5.950997	-2375.76	2360.23

2.4 Star Slots

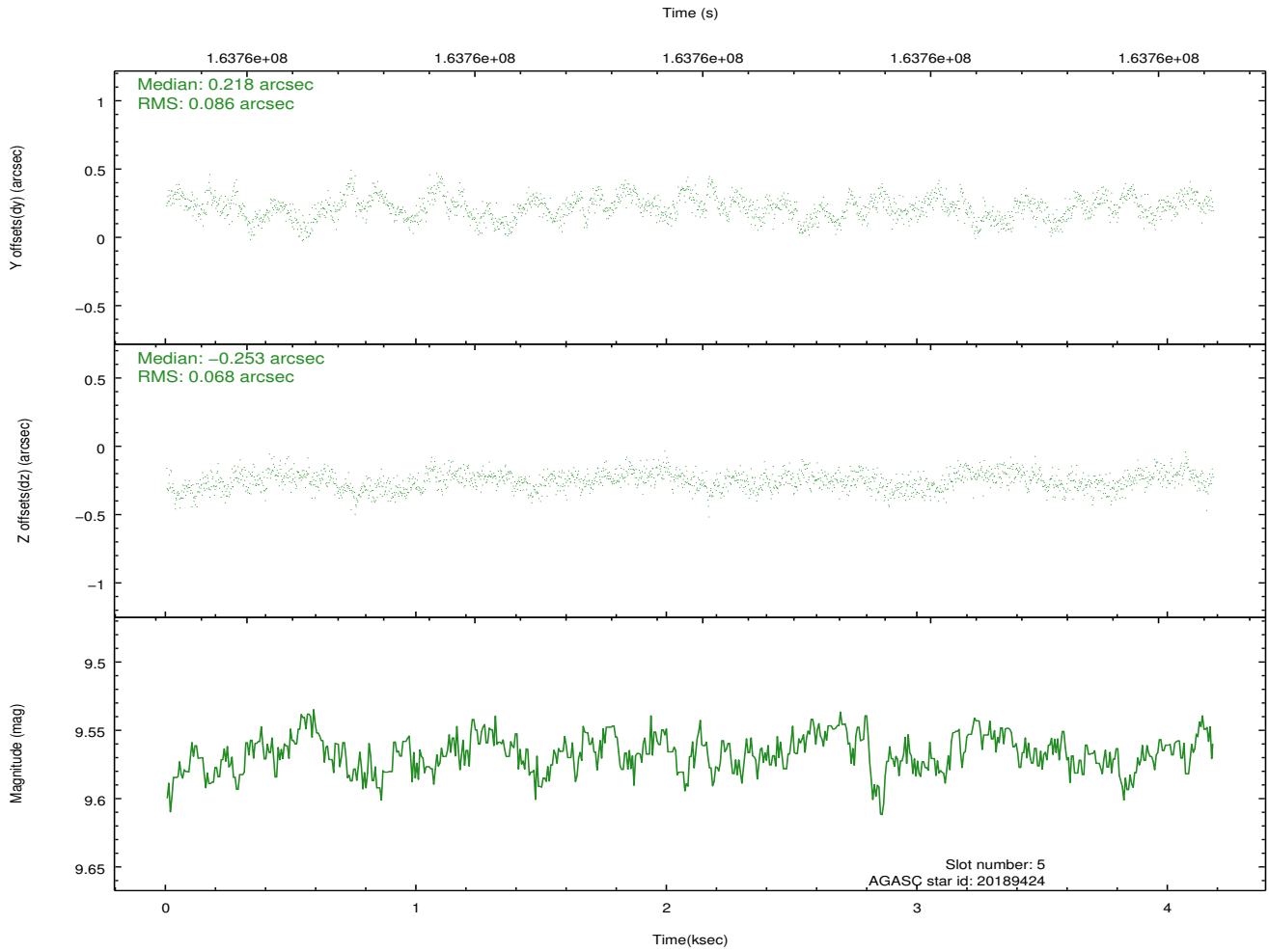
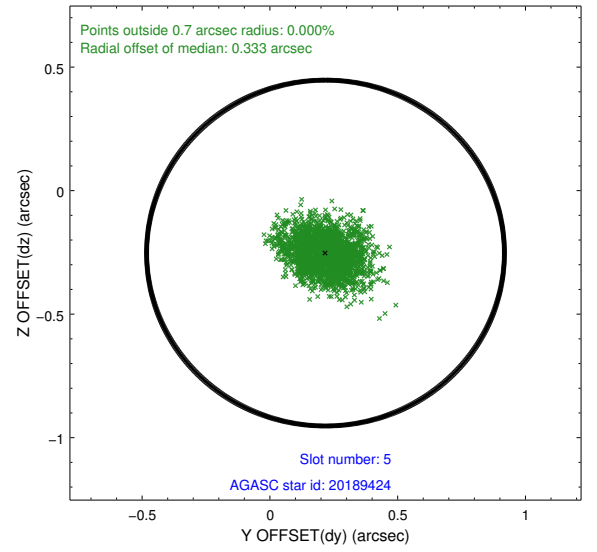
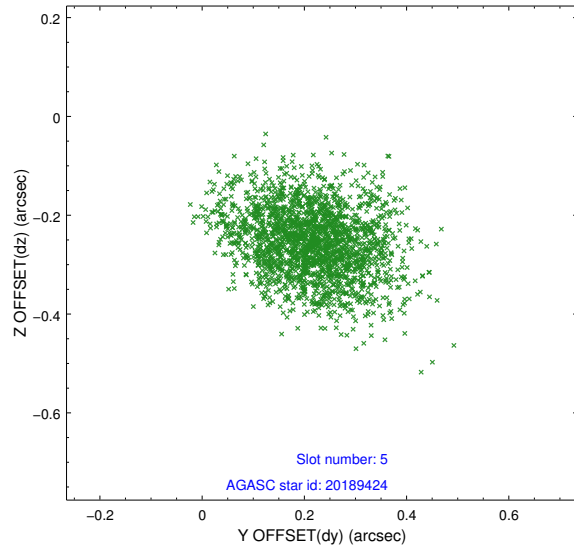
2.4.1 Slot 3



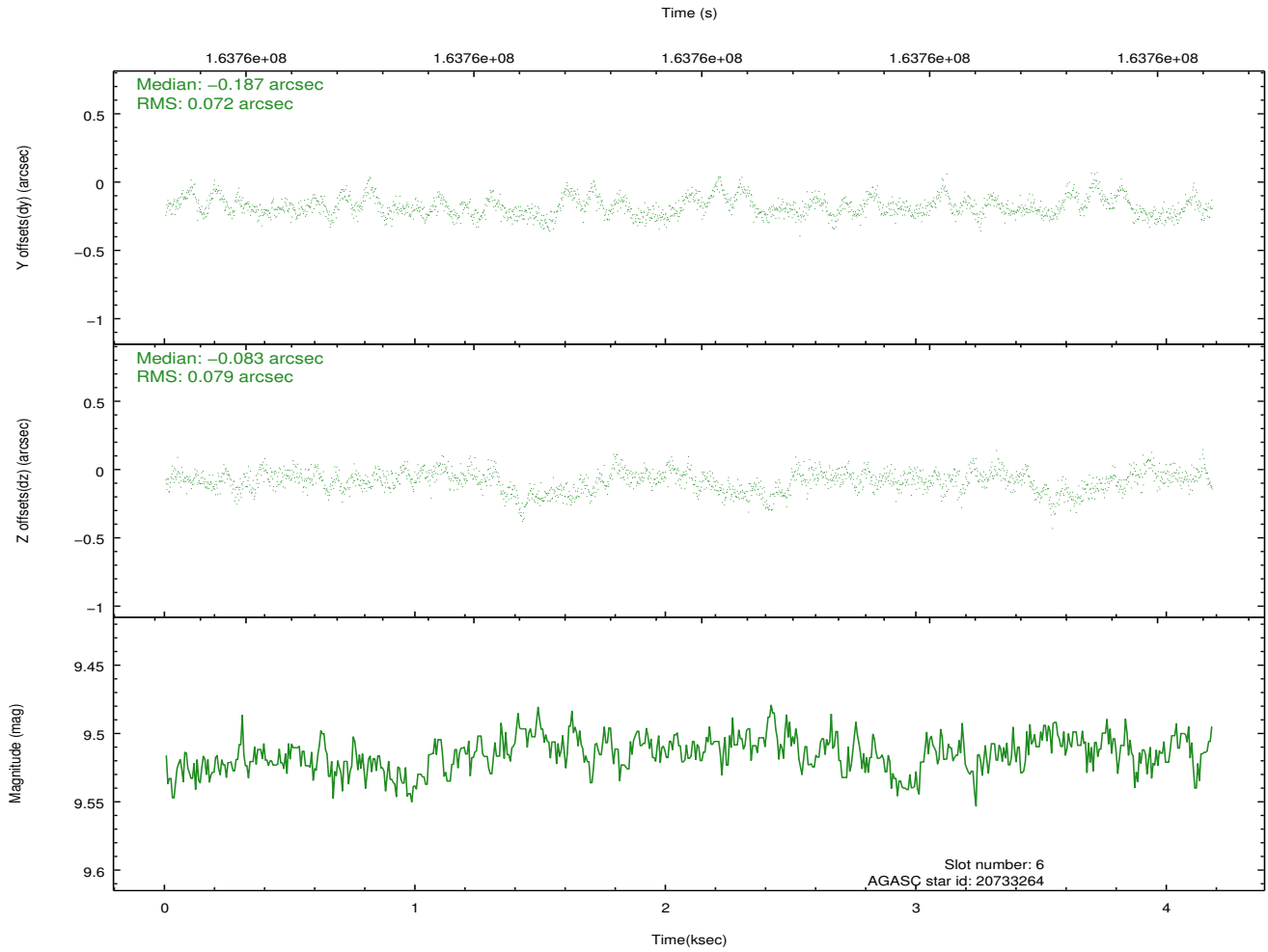
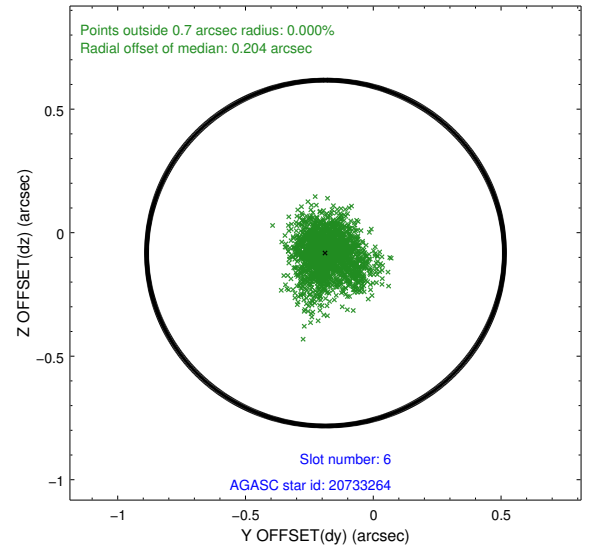
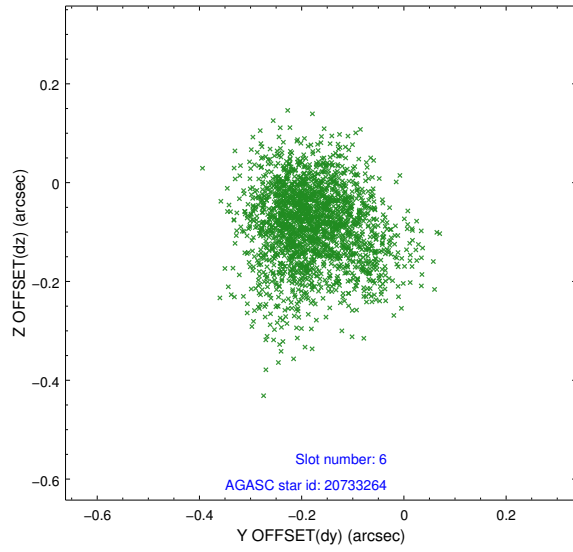
2.4.2 Slot 4



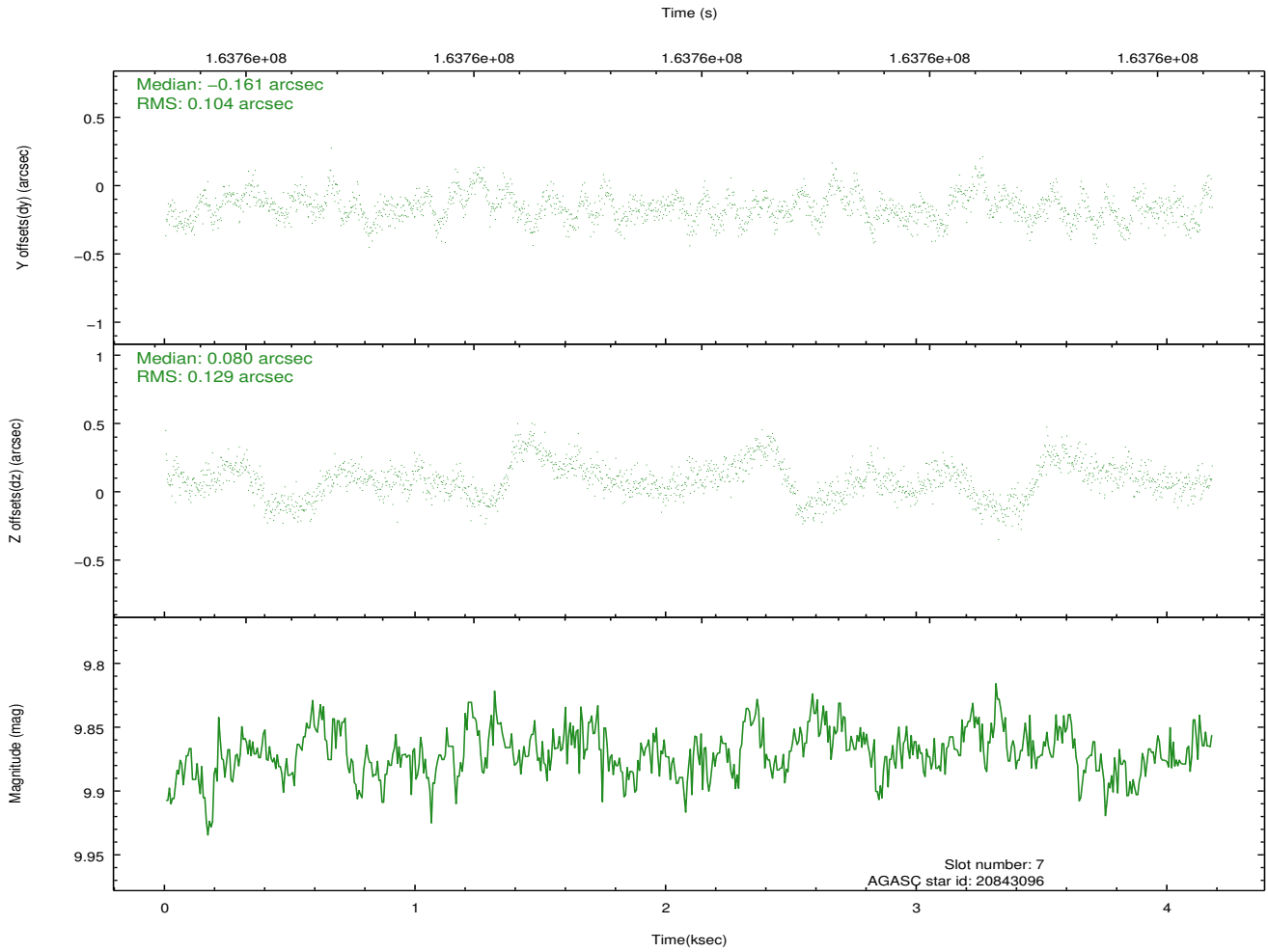
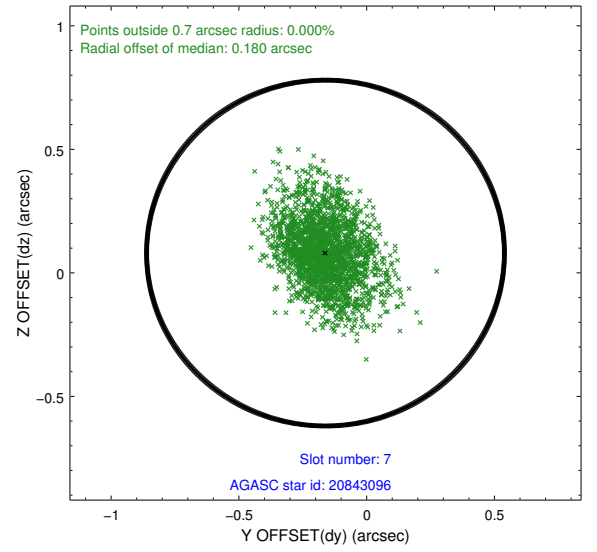
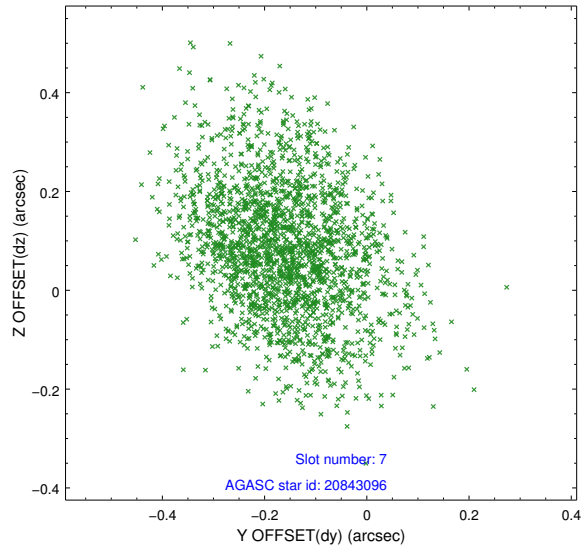
2.4.3 Slot 5



2.4.4 Slot 6

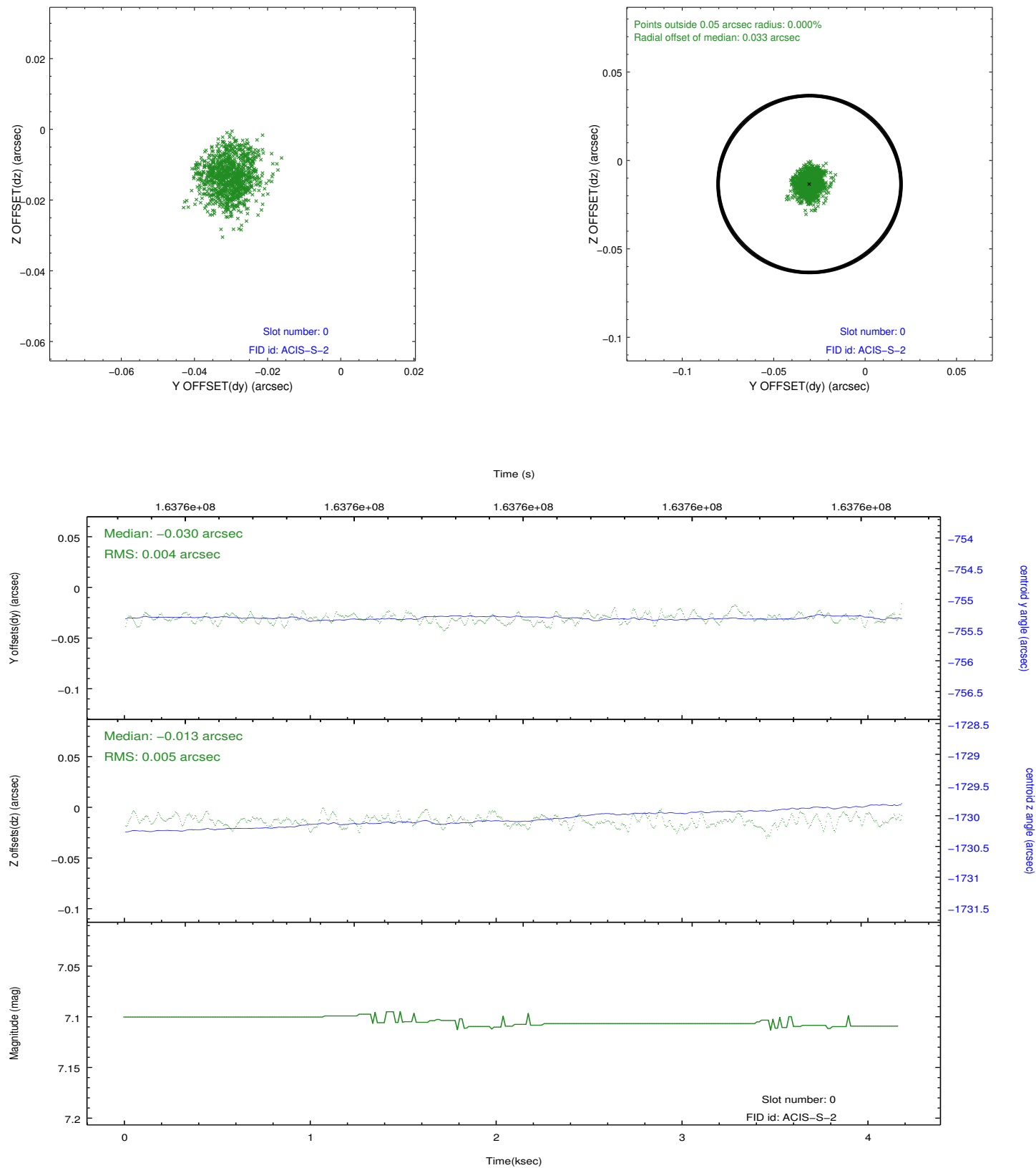


2.4.5 Slot 7

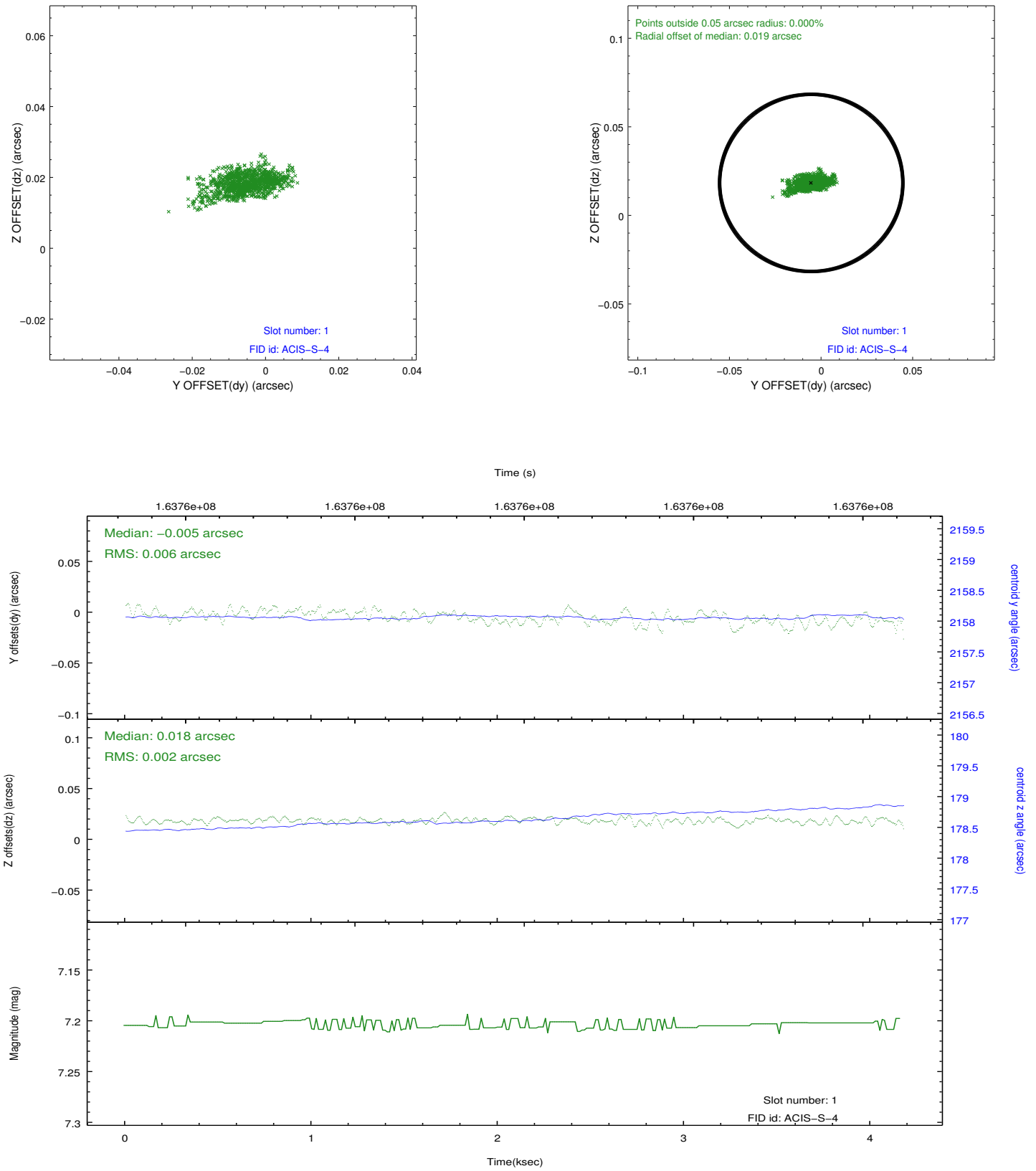


2.5 FID Slots

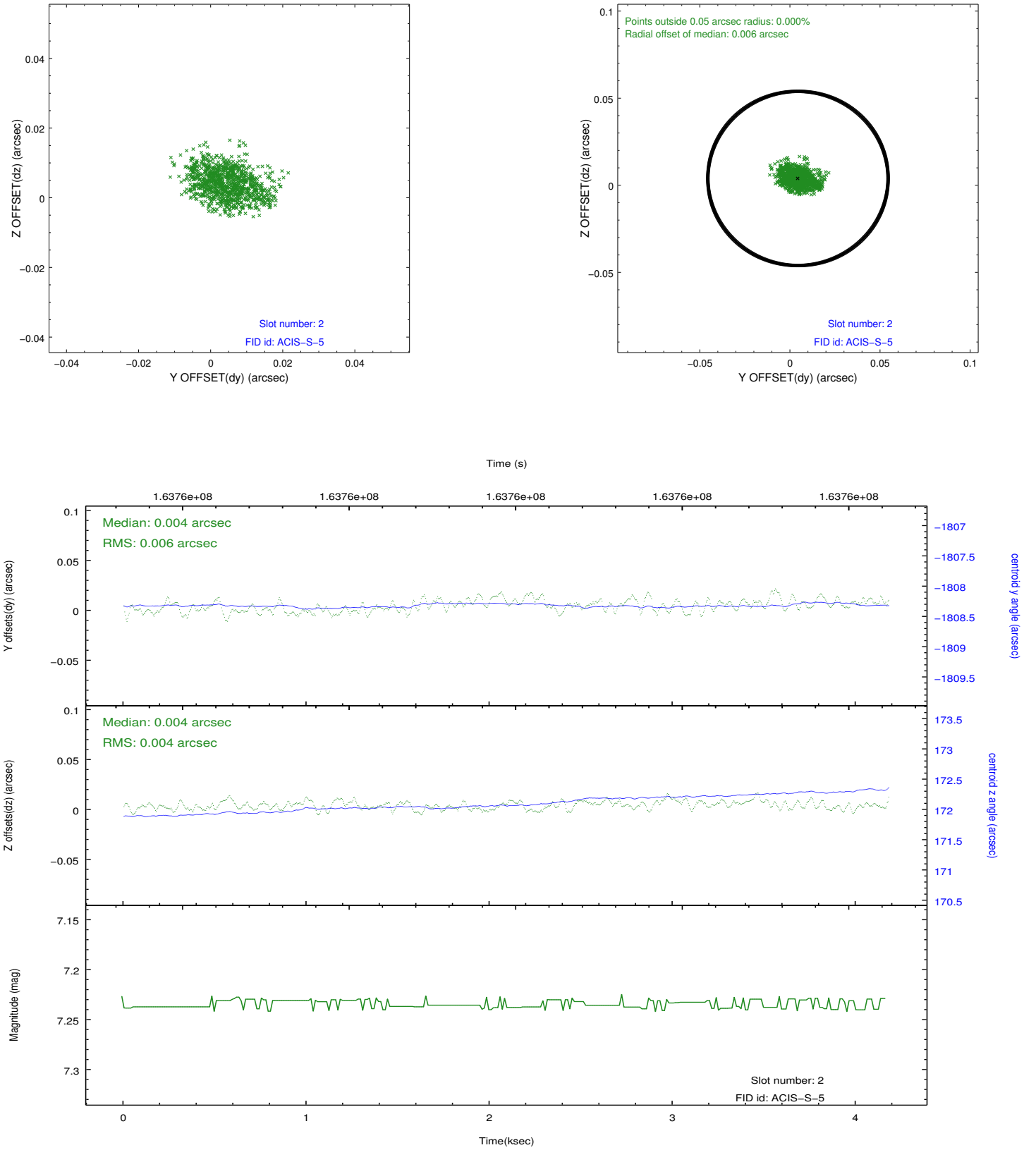
2.5.1 Slot 0



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)	2012.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.789

A.2 Comments