

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3883 - L2 Version 001
Chandra X-Ray Center

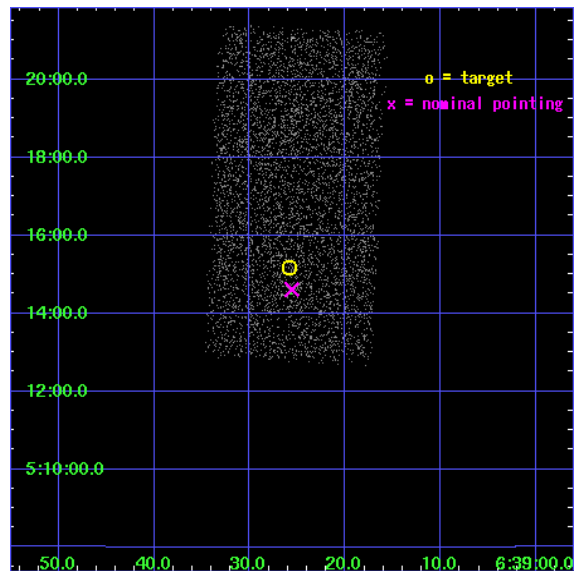
L2 Processing Date : Jul 22 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

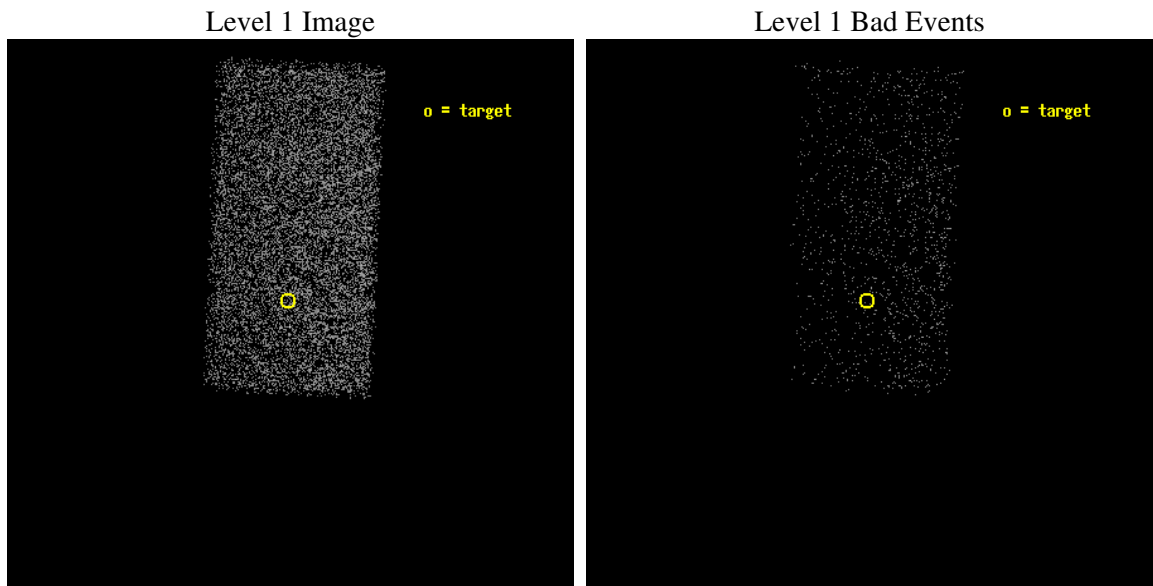
seq_num	500362
obs_id	3883
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Dr David Kaplan
object	LNS 6
dtcycle	0
cycle	P
ra_targ	99.857917
dec_targ	5.253056
ra_nom	99.856652004614
dec_nom	5.2434297301176
roll_nom	272.42757379024
revision	2
ontime	3787.5
livetime	3686.6337019156
ontime7	3787.5
l2events	6218



2 OBI

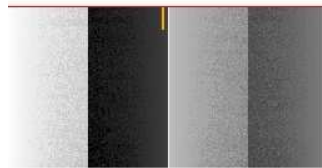
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T20:01:11
revision	2

sched_exp_time	3000.000000
ontime	3790.9128697217
ontime7	3790.9128697217
l1events	16054

2.1.4 Events

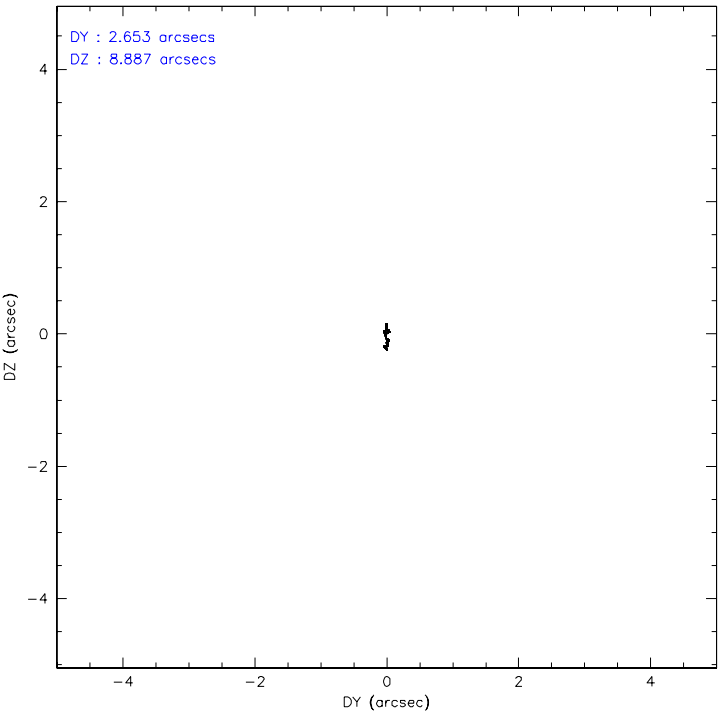
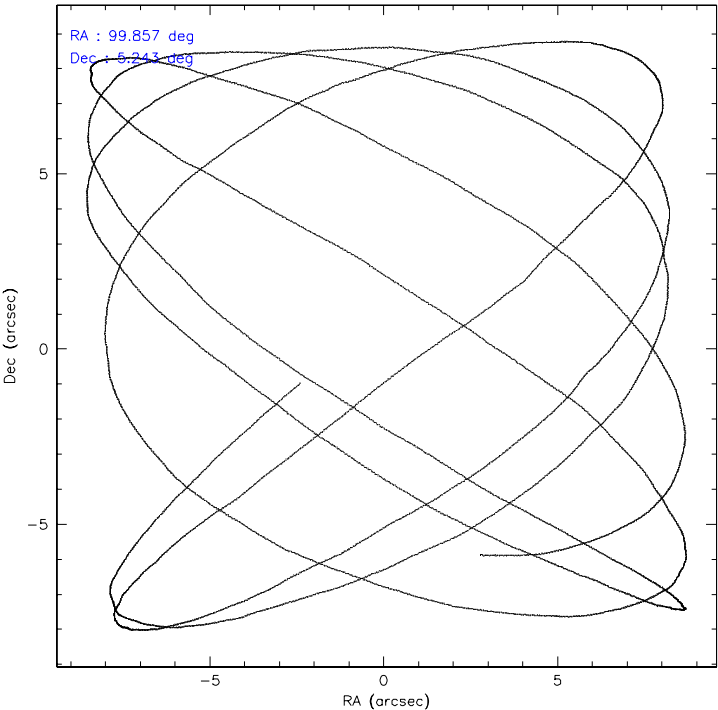
	ccd 7
level 1 events	16054
rejected events	9651
rejected %	60%

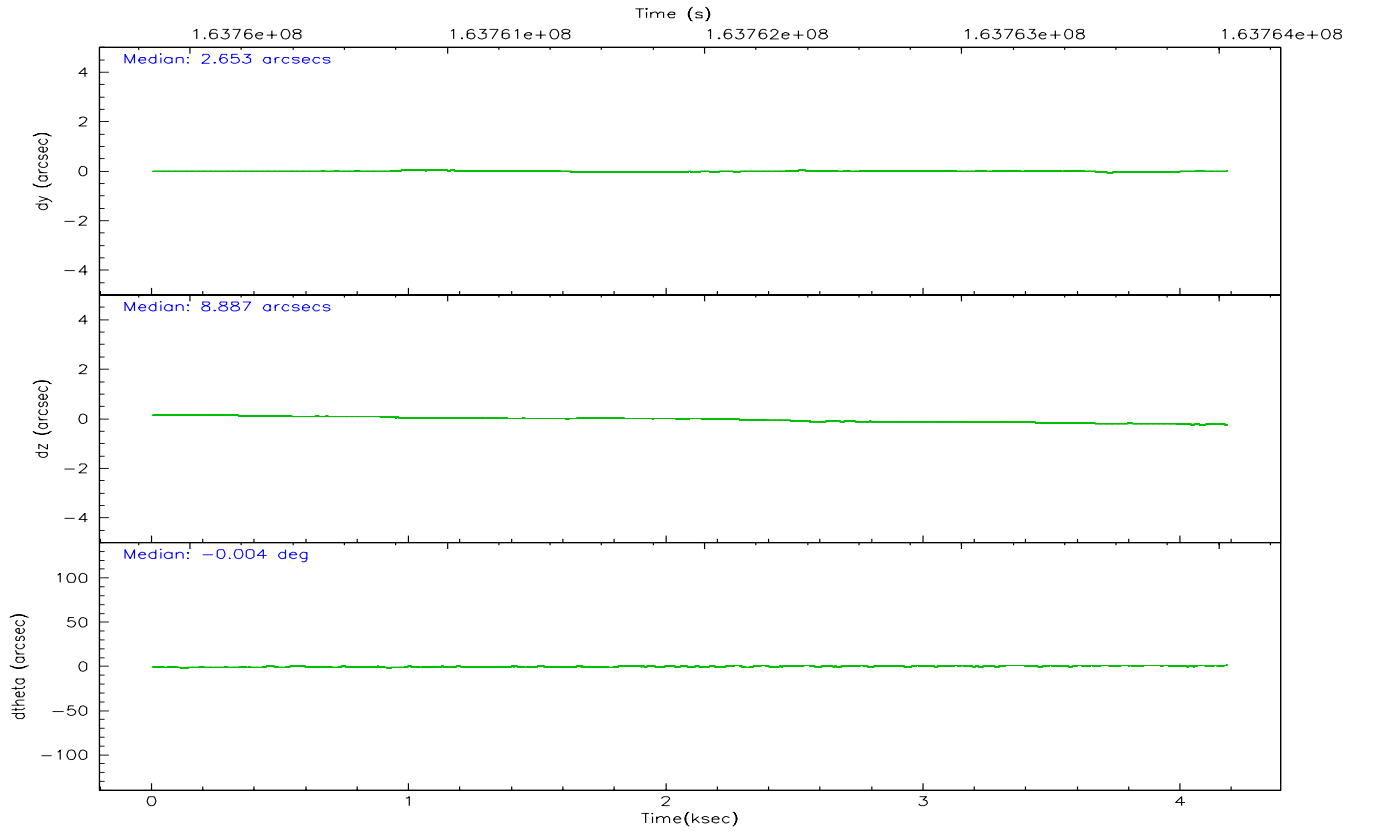
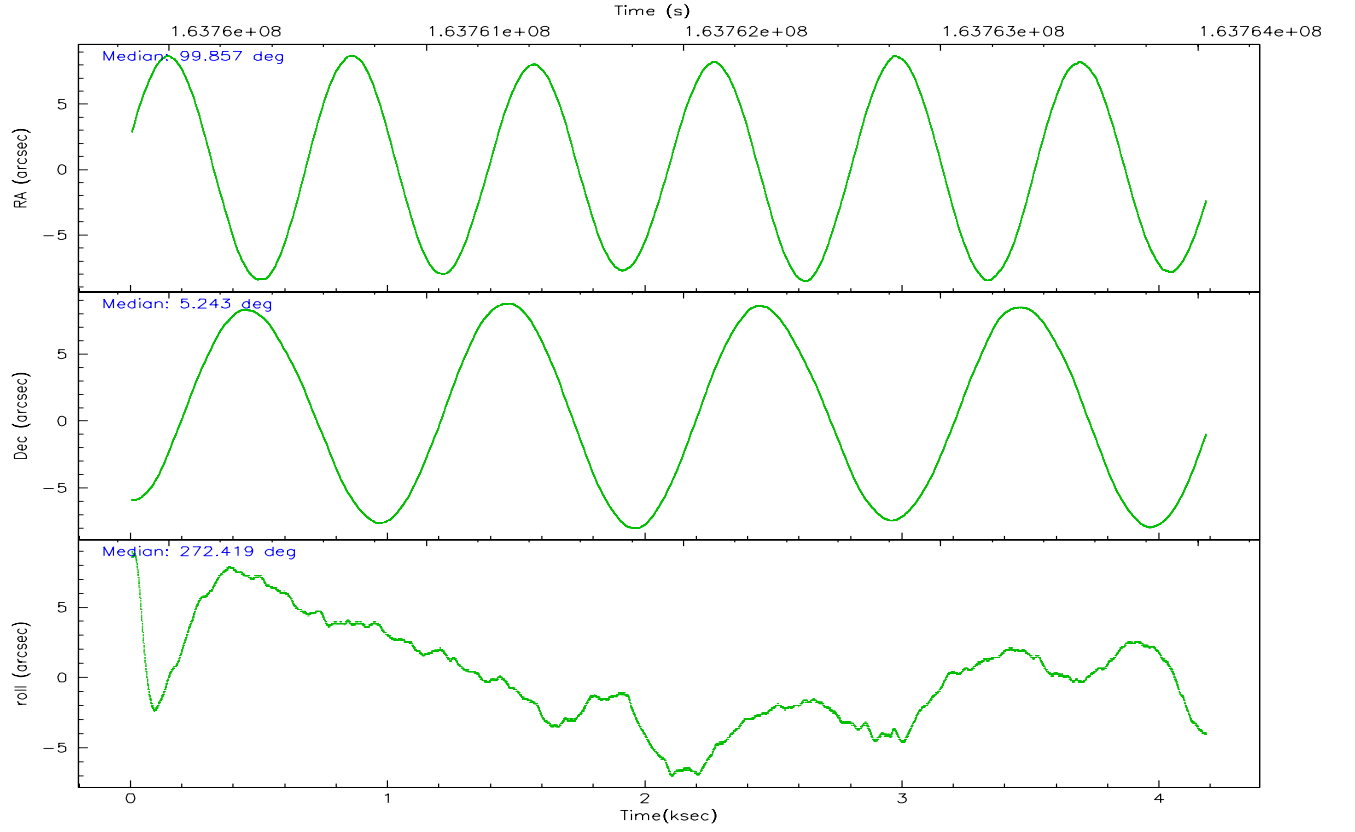
	ccd 7
grade 0 events	465
	2%
grade 1 events	10
	0%
grade 2 events	1618
	10%
grade 3 events	407
	2%
grade 4 events	390
	2%
grade 5 events	1187
	7%
grade 6 events	3527
	21%
grade 7 events	8450
	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/2	1/2
Pointing RA	99.841643	99.85665200461433	Subarray start row	0	257
Pointing Dec	5.266251	5.243429730117616	Subarray row count	1024	512
Pointing Roll	272.272309	272.4275737902361	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.5
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	163761040.184000	163759580.00621			
Observation start date	2003-03-11T09:09:36	2003-03-11T08:46:20			
Observation end time	163764040.184000	163764712.69392			
Observation end date	2003-03-11T09:59:36	2003-03-11T10:11:52			
Read mode	TIMED	TIMED			

2.3 Aspect



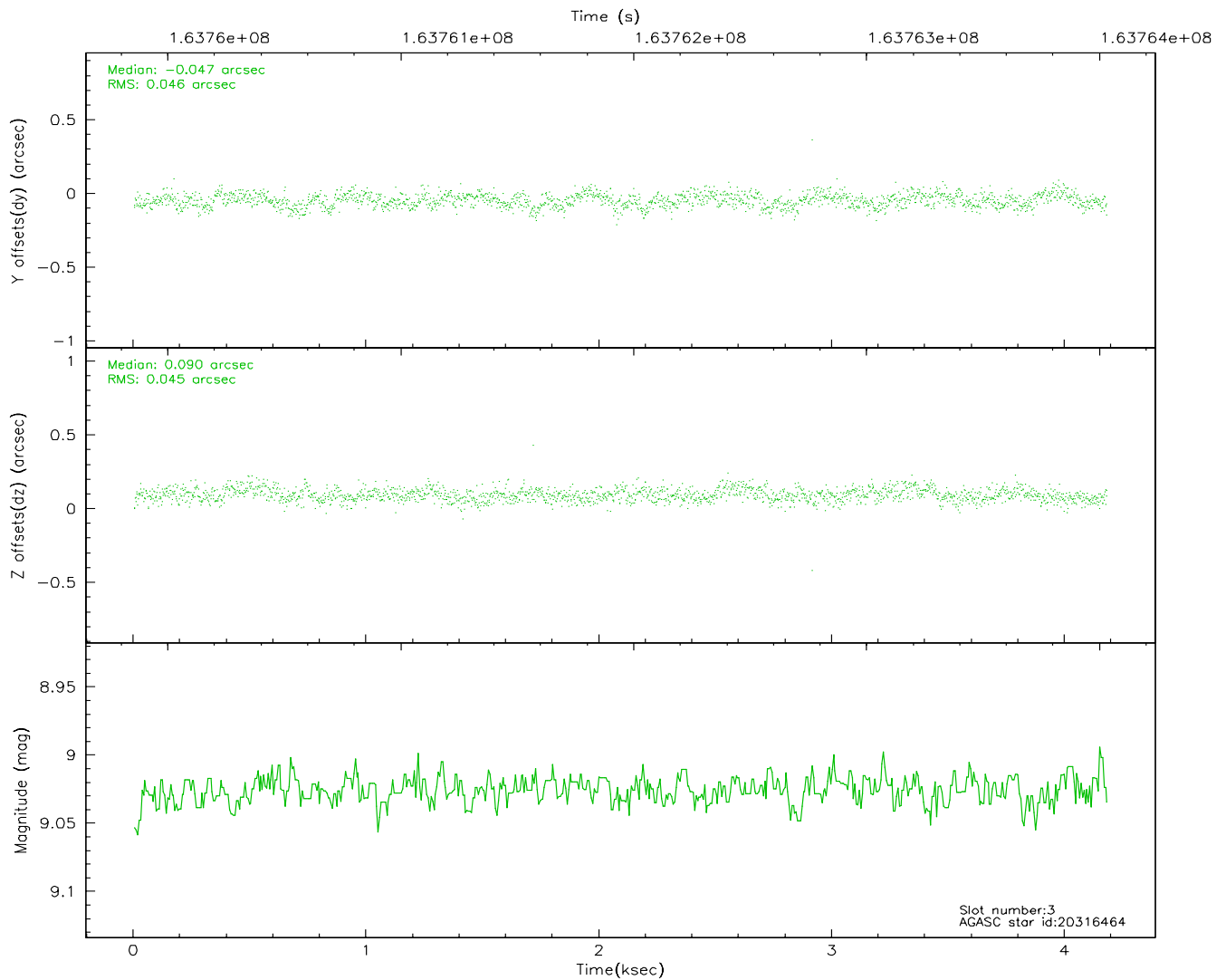
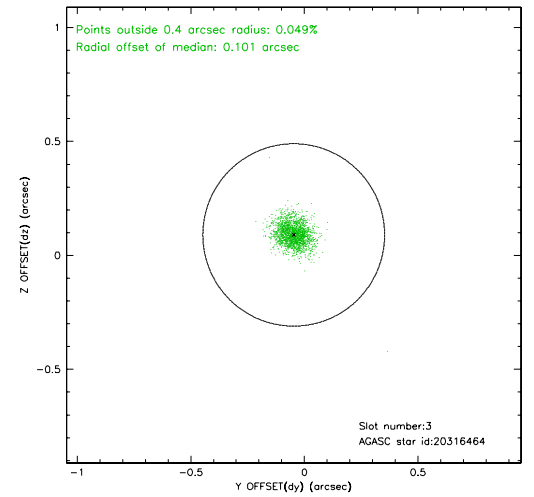
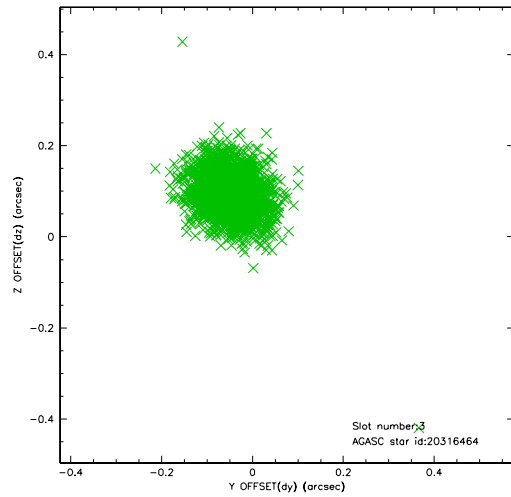


Slot Statistics

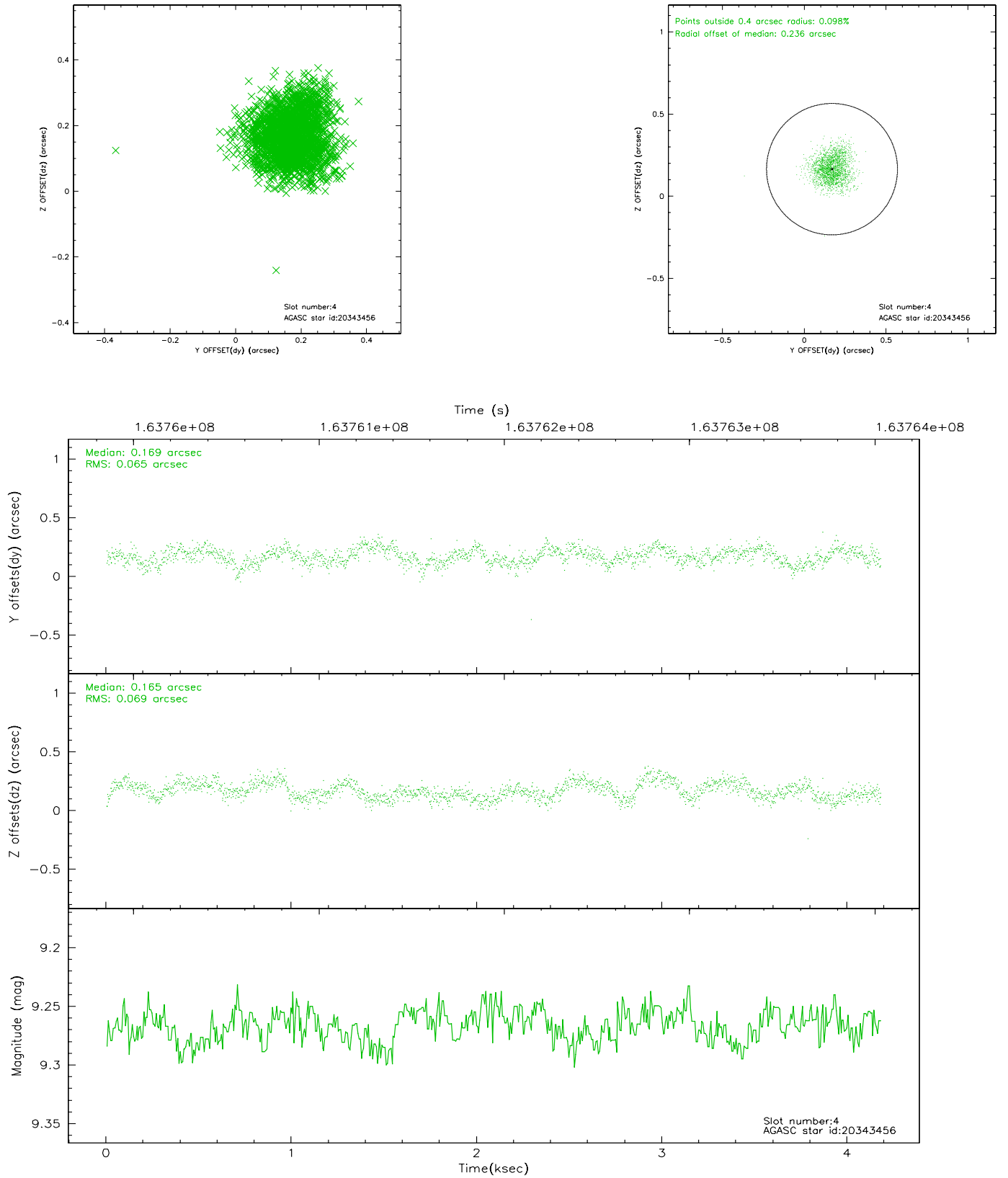
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1019	-0.019	0.010	0.007	0.011	0.000000	0.000000	-755.29	-1730.01
1	FID	ACIS-S-4	7.20	1019	-0.047	0.006	0.005	0.010	0.000000	0.000000	2157.28	176.94
2	FID	ACIS-S-5	7.24	1020	0.035	-0.008	0.007	0.011	0.000000	0.000000	-1806.18	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

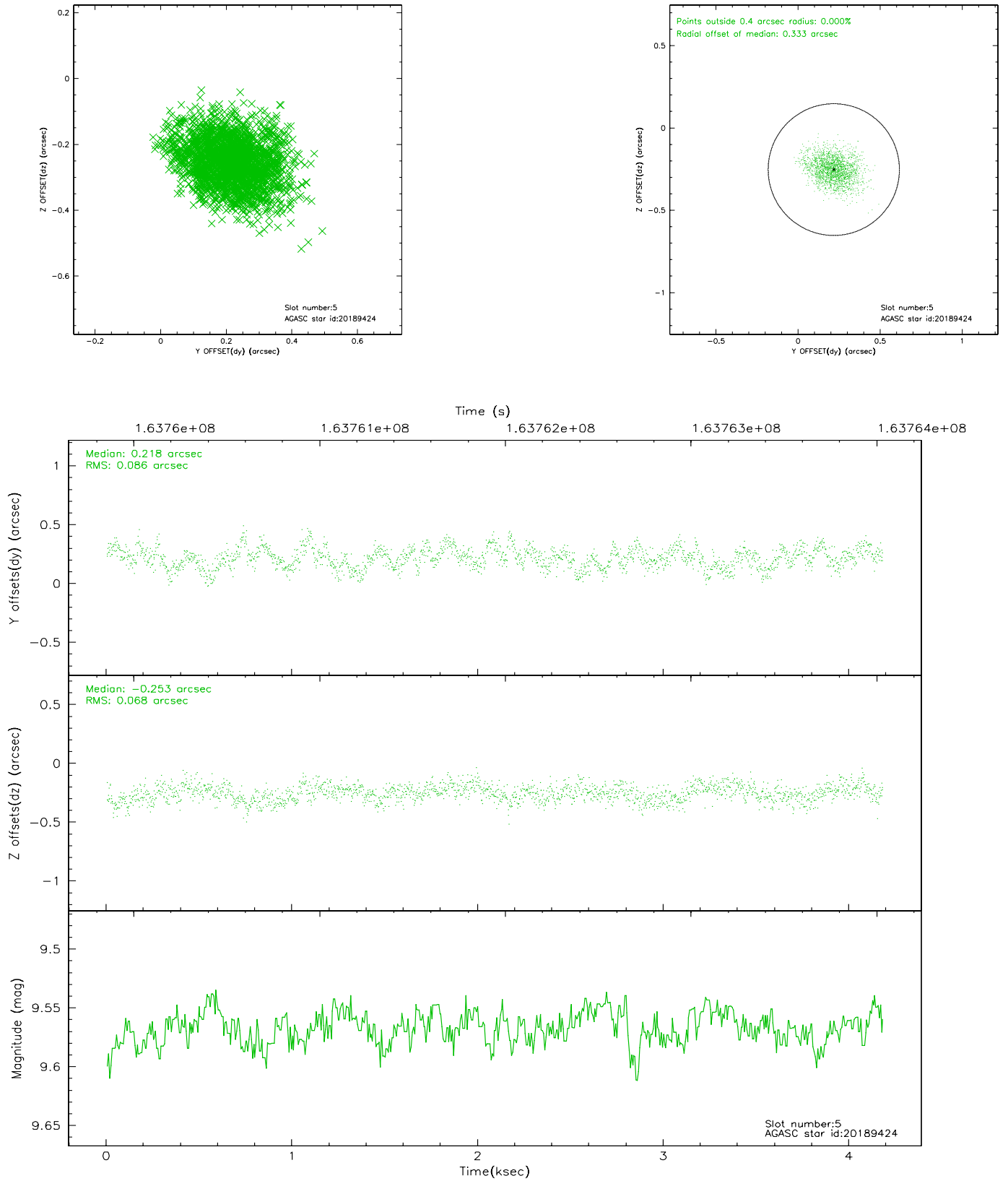
2.4.1 Slot 3



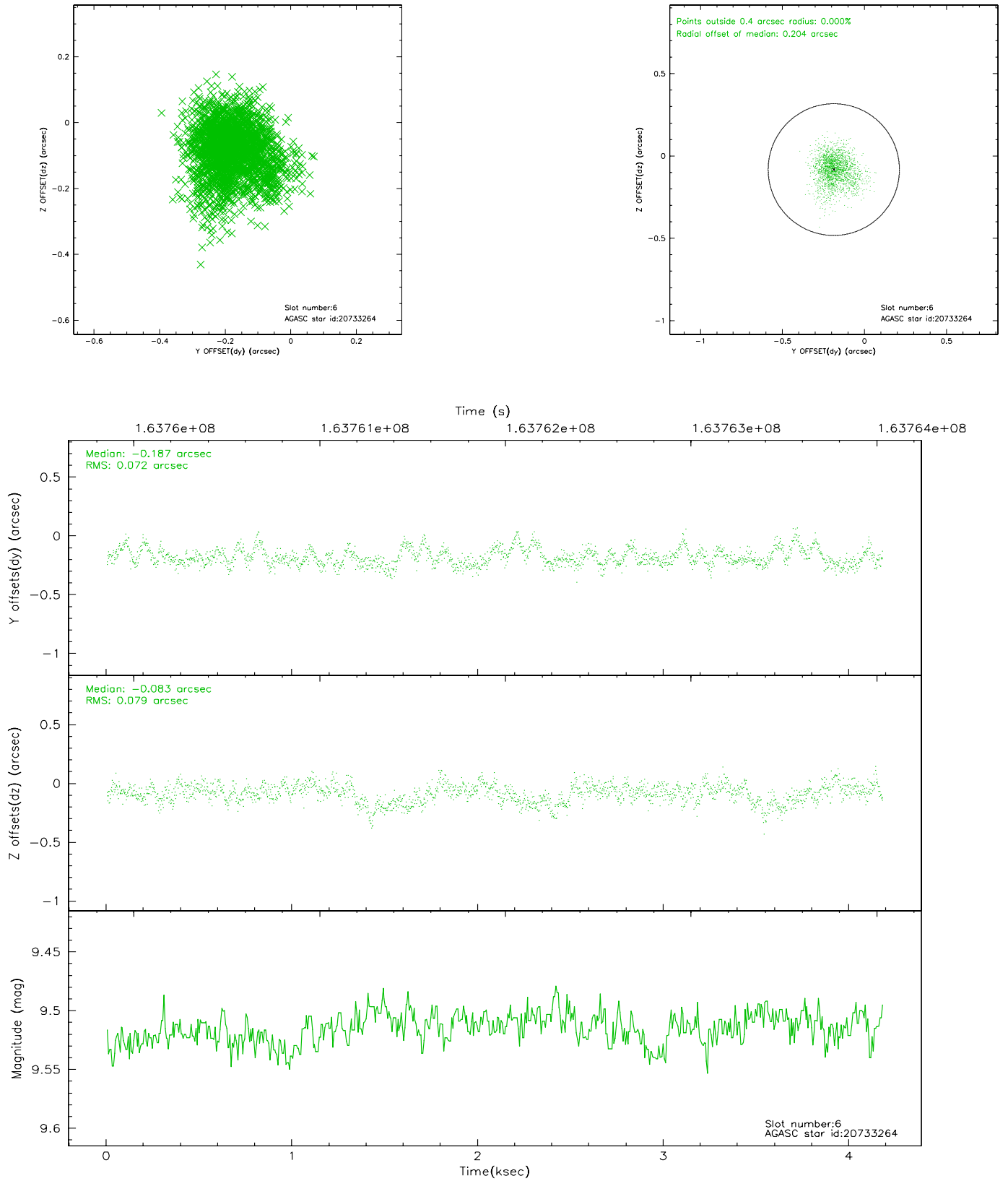
2.4.2 Slot 4



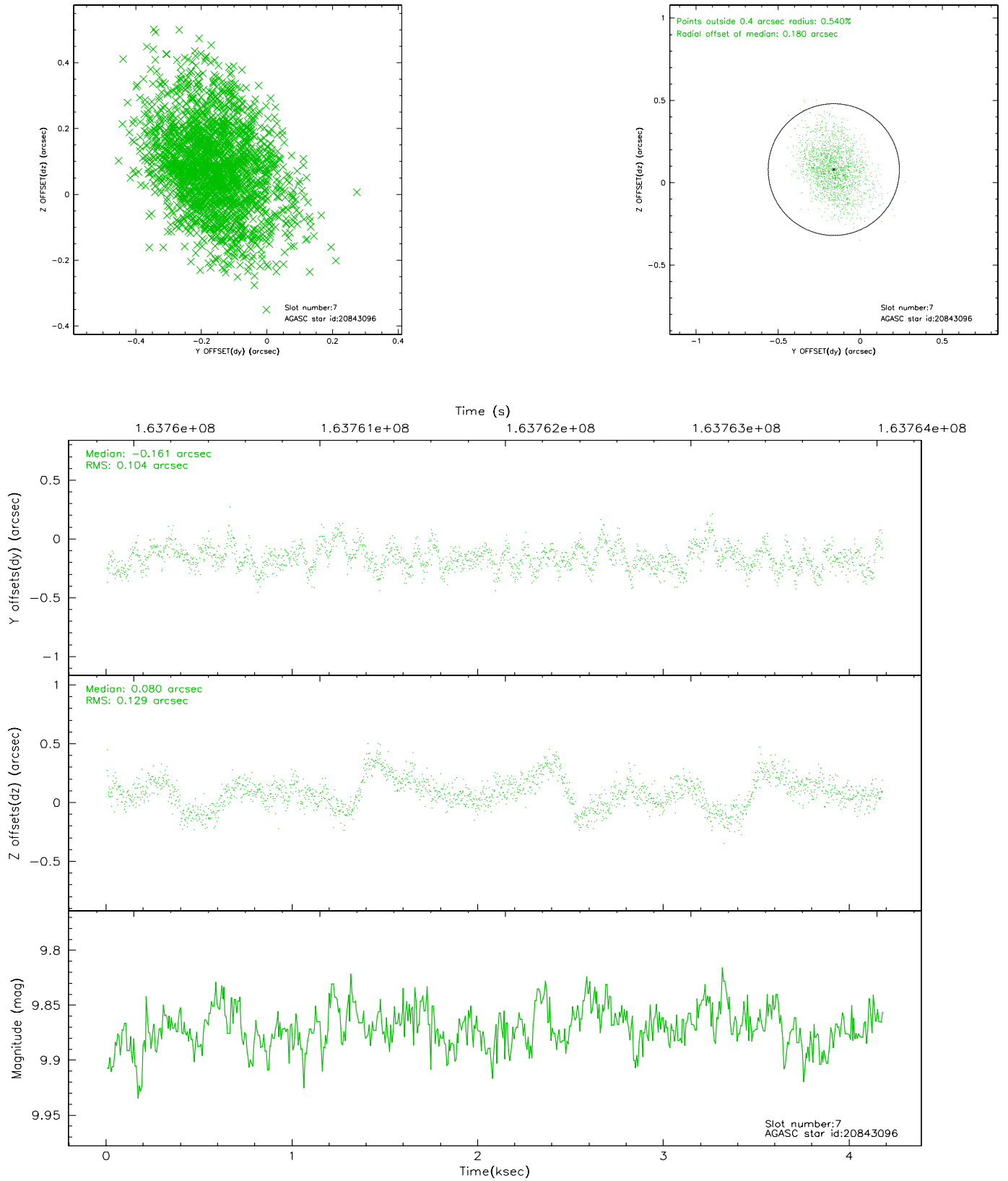
2.4.3 Slot 5



2.4.4 Slot 6

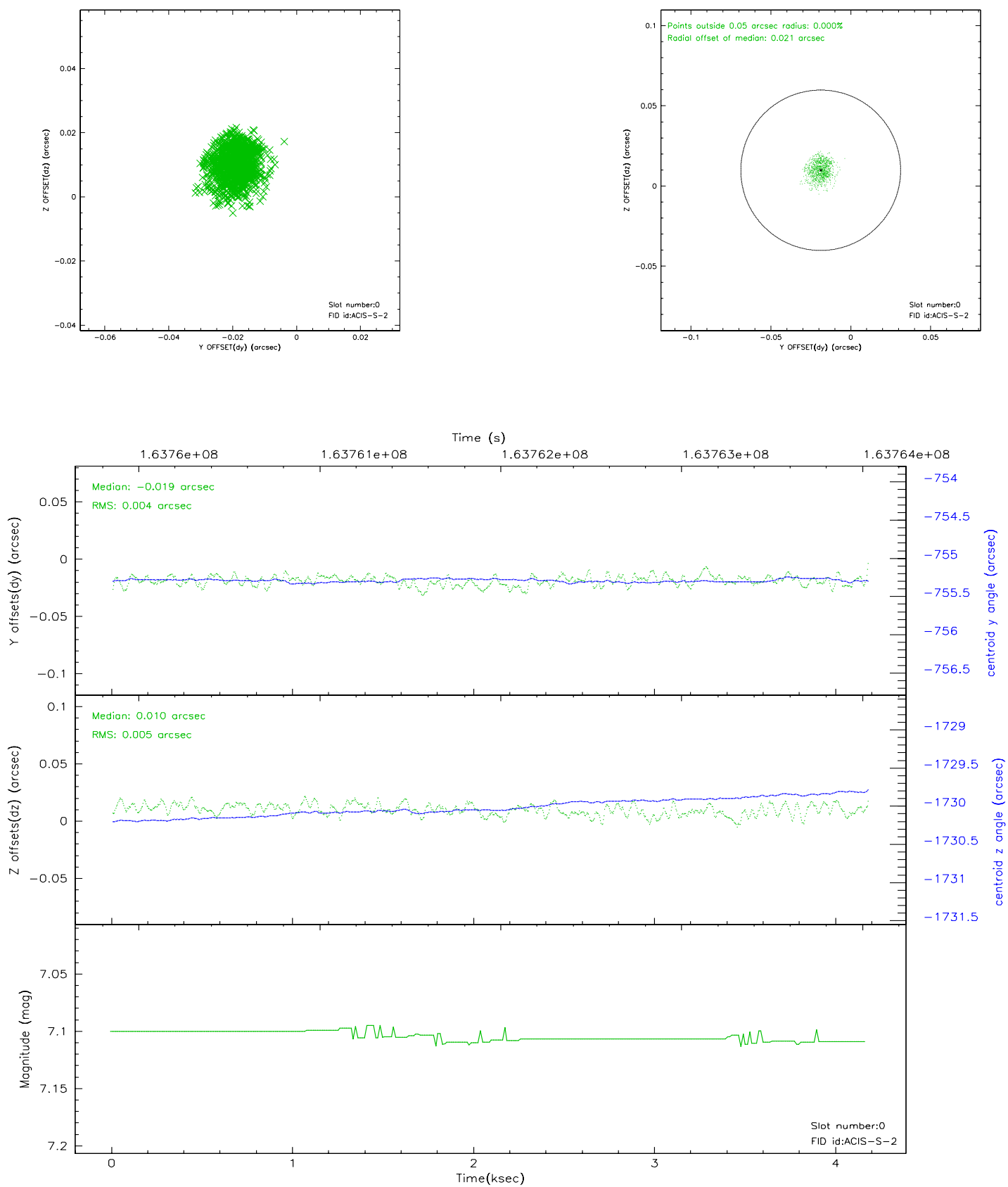


2.4.5 Slot 7

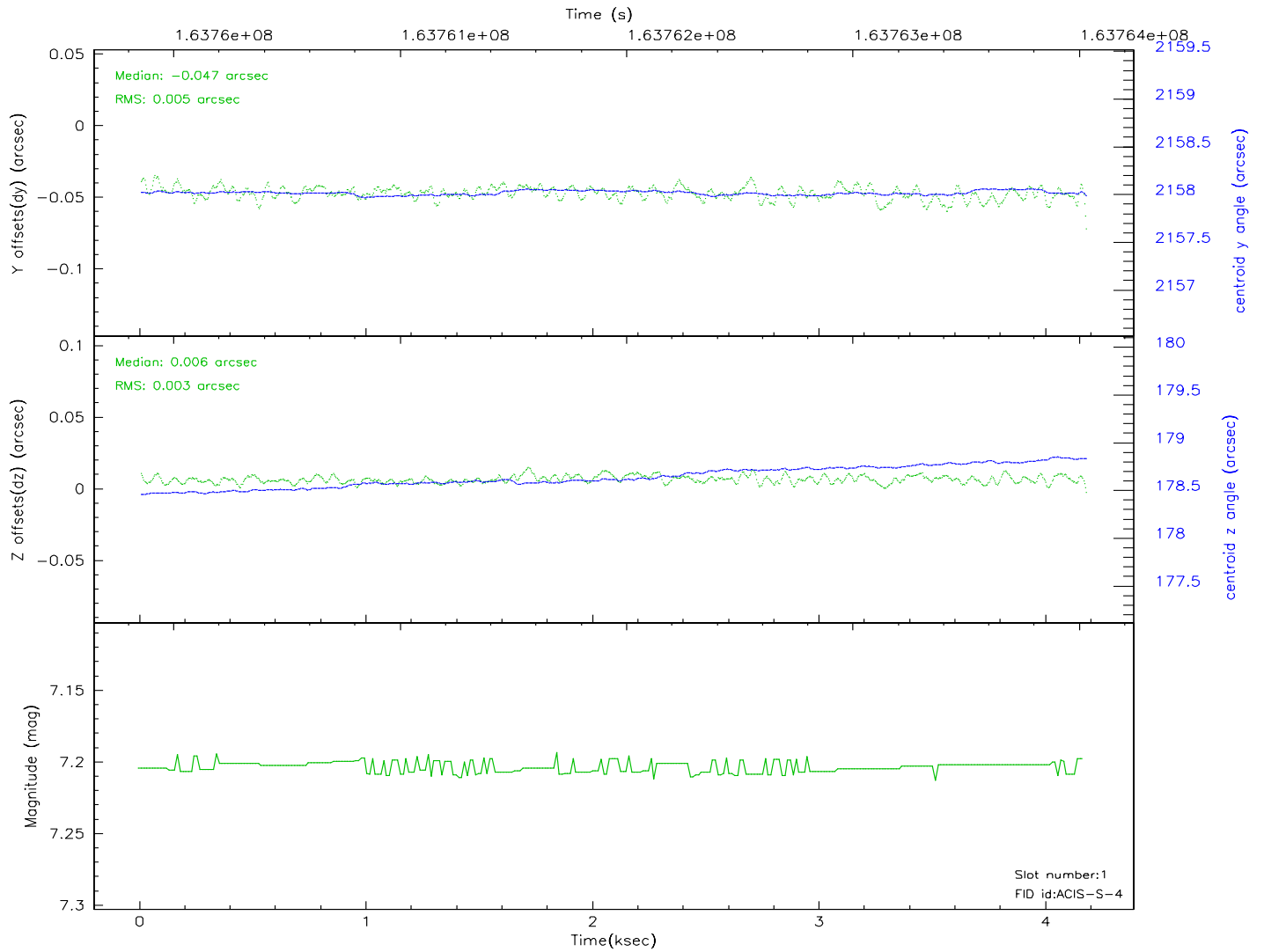
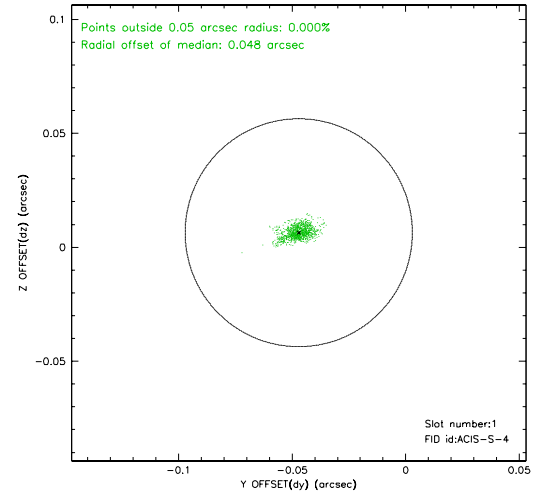
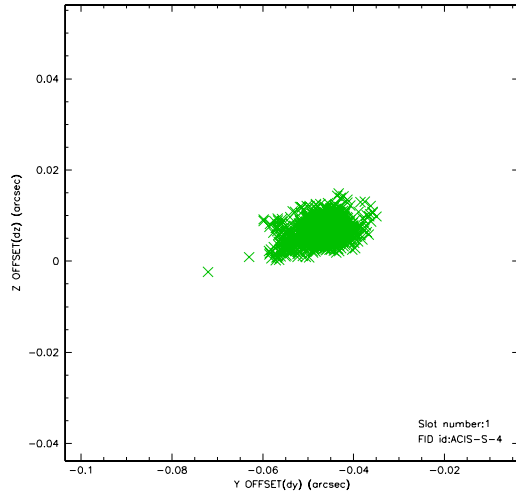


2.5 FID Slots

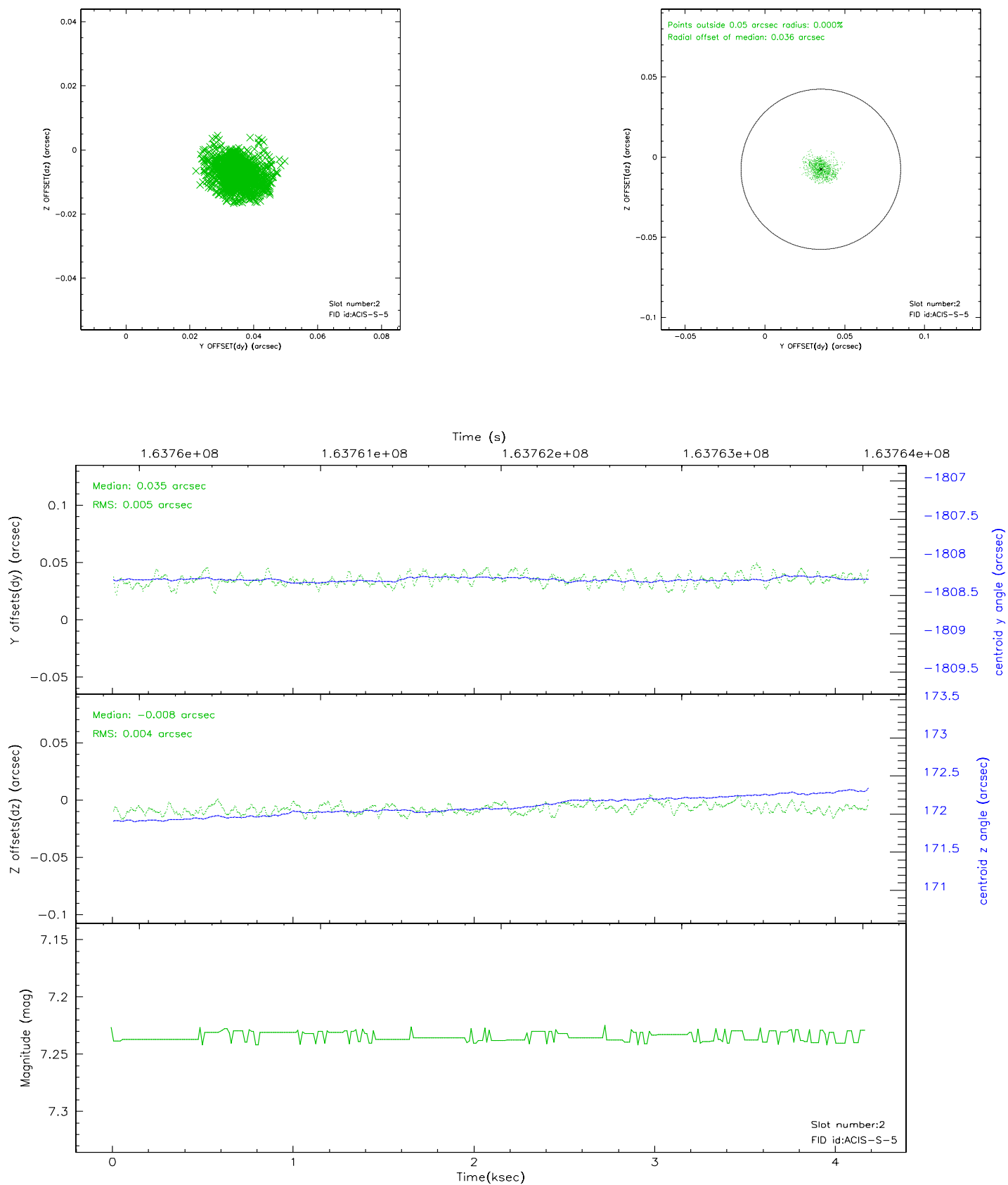
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.789

A.2 Comments