

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2764 - L2 Version 001
Chandra X-Ray Center

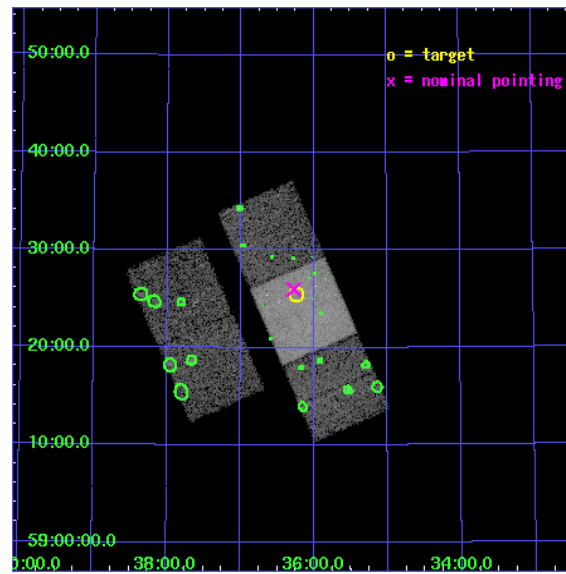
L2 Processing Date : Sep 6 2006

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

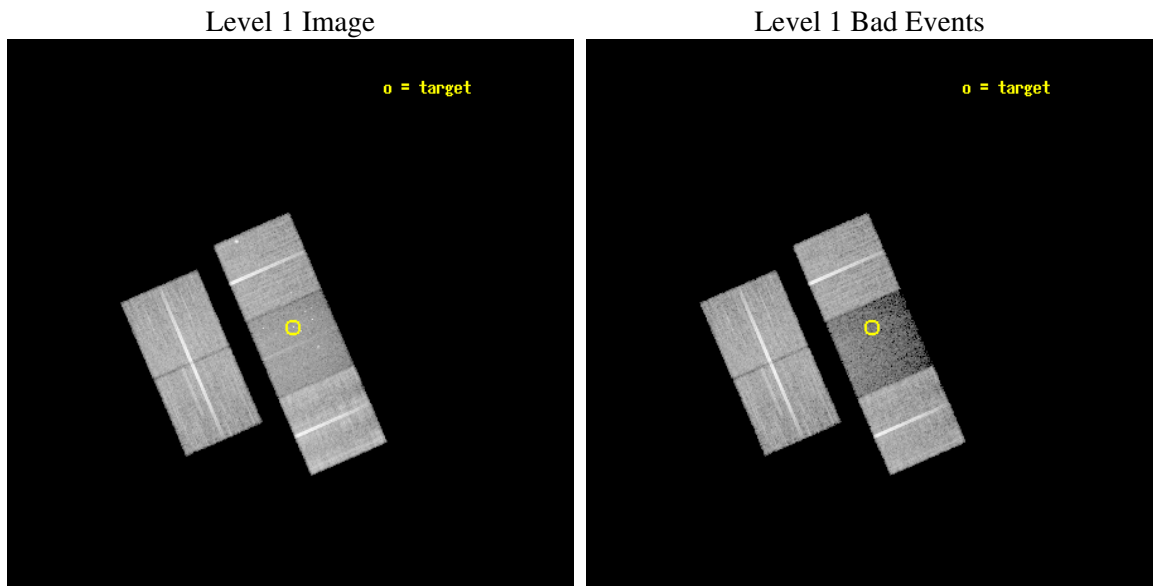
seq_num	500214
obs_id	2764
title	THE NEXT GEMINGA: A NEUTRON STAR IDENTIFICATION FOR THE EGRET SOURCE 3EG J1835+5918
observer	Prof. JULES HALPERN
object	3EG J1835+5918
dtcycle	0
cycle	P
ra_targ	279.0575
dec_targ	59.425111
ra_nom	279.06804820792
dec_nom	59.433202162685
roll_nom	66.577048776661
revision	2
ontime	28116.999945939
livetime	27749.630642211
ontime2	28107.577144921
ontime3	28116.999945939
ontime6	28116.999945939
ontime7	28116.999945939
ontime8	28116.999945939
l2events	90832



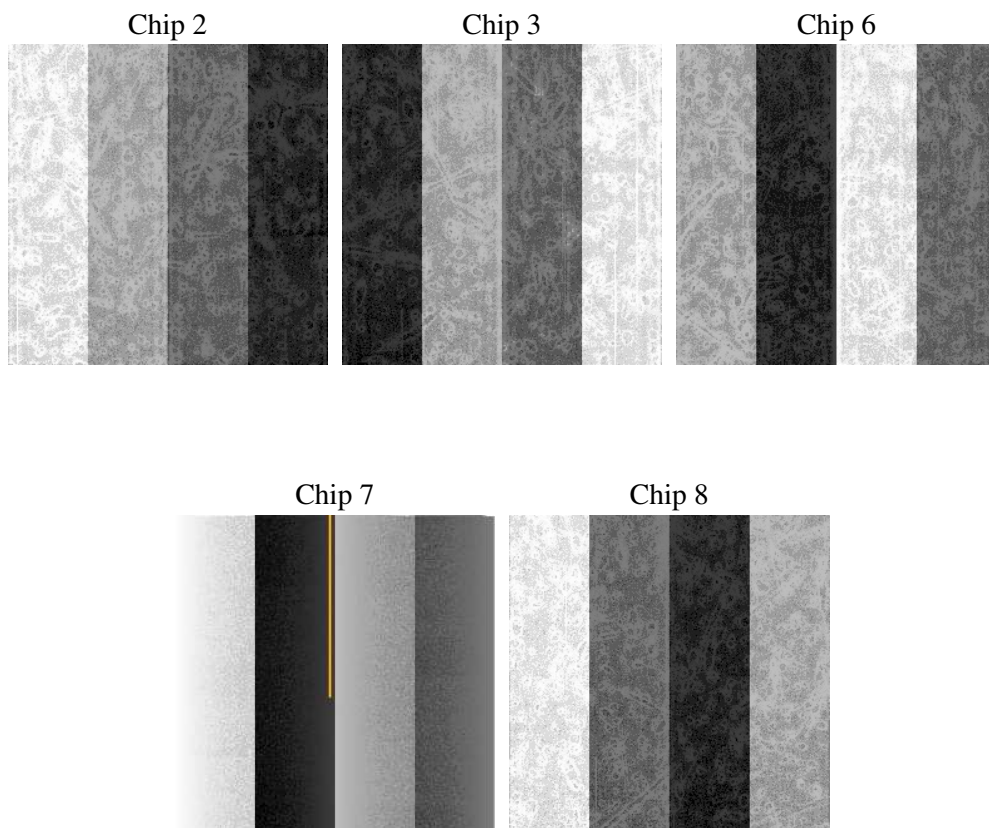
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-06T07:51:56
revision	2

sched_exp_time	28000.000000
ontime	29387.197788864
ontime2	29377.774967924
ontime3	29387.197768942
ontime6	29387.197768942
ontime7	29387.197788864
ontime8	29387.197768942
l1events	709388

2.1.4 Events

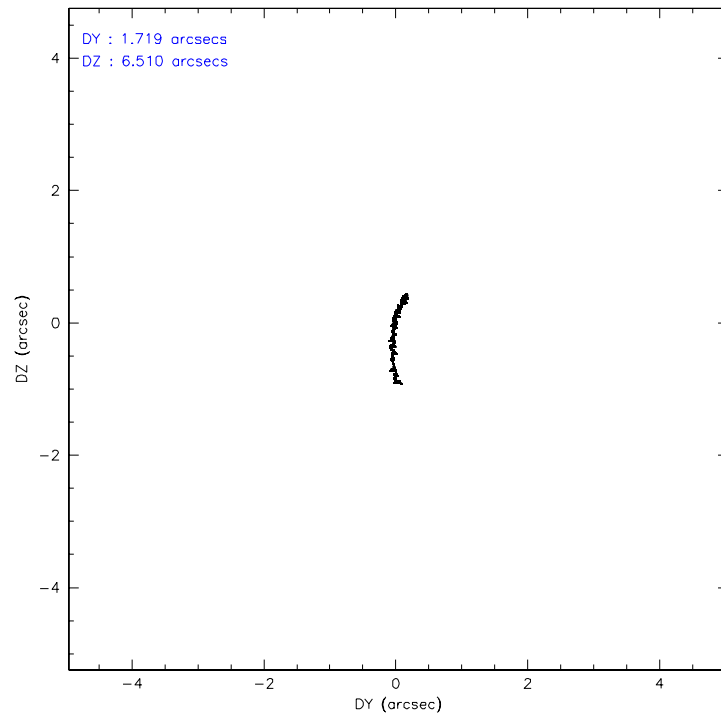
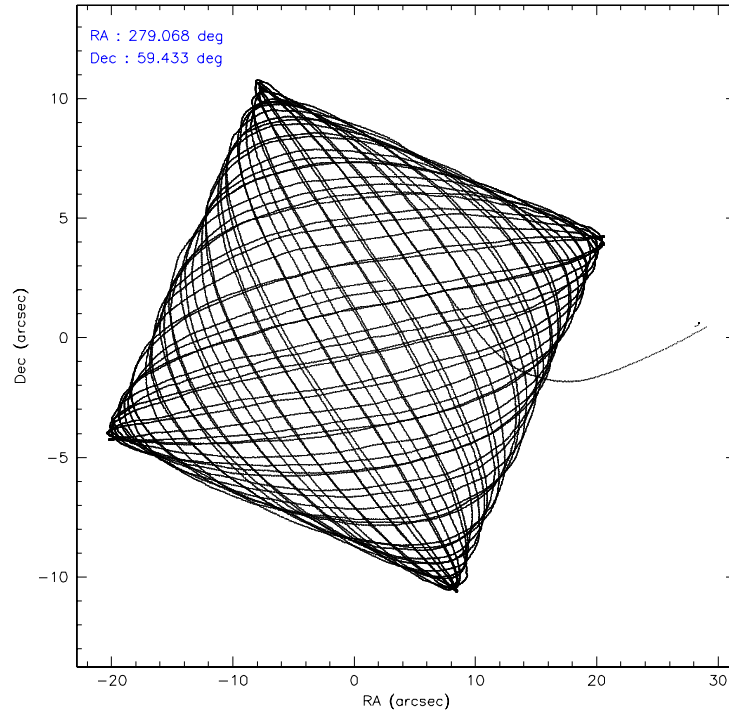
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	152940	144480	146063	90569	175336
rejected events	141610	133883	132644	38231	135678
rejected %	92%	92%	90%	42%	77%

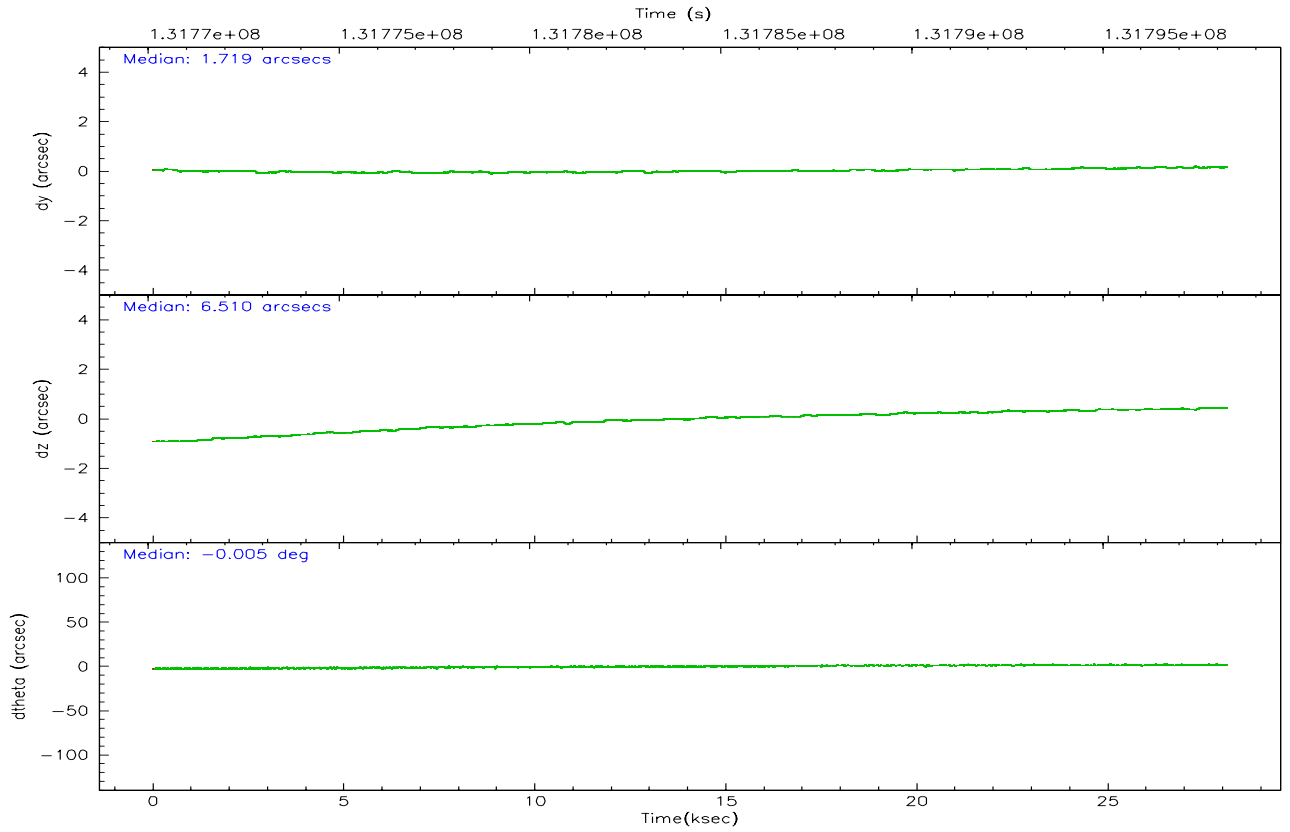
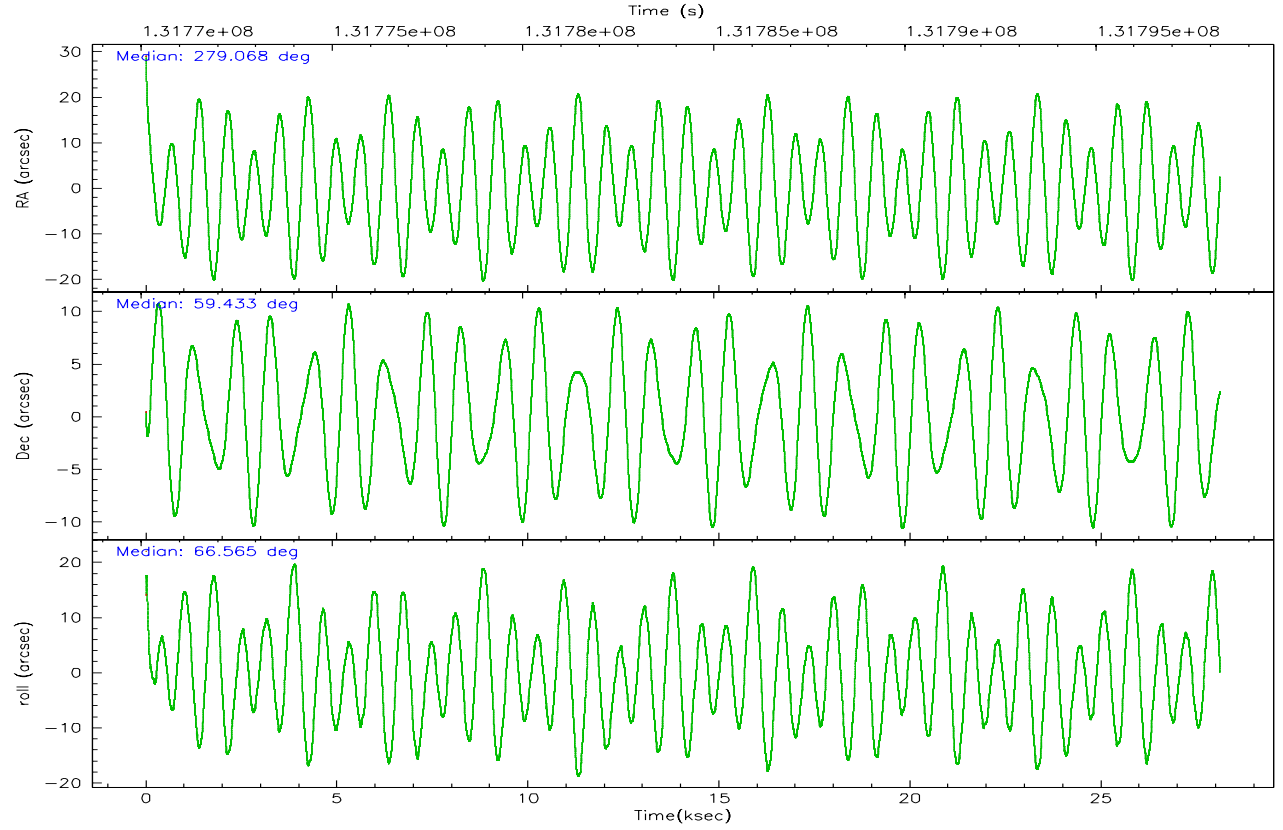
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	4916	4428	6432	5805	12187
	3%	3%	4%	6%	6%
grade 1 events	52	62	65	81	116
	0%	0%	0%	0%	0%
grade 2 events	2588	2302	2737	14693	9007
	1%	1%	1%	16%	5%
grade 3 events	1300	1306	1449	4225	4922
	0%	0%	0%	4%	2%
grade 4 events	1344	1292	1429	4102	4456
	0%	0%	0%	4%	2%
grade 5 events	2130	2583	2727	6644	4429
	1%	1%	1%	7%	2%
grade 6 events	1673	1786	1984	25353	10917
	1%	1%	1%	27%	6%
grade 7 events	138937	130721	129240	29666	129302
	90%	90%	88%	32%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	279.074845	279.0680482079215	Alternating exposures requested	N	N
Pointing Dec	59.406165	59.43320216268538	Primary exposure time	0.000000	3.1
Pointing Roll	66.414553	66.57704877666089			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	131770253.184000	131768520.9851			
Observation start date	2002-03-06T02:49:49	2002-03-06T02:22:00			
Observation end time	131798253.184000	131798915.31133			
Observation end date	2002-03-06T10:36:29	2002-03-06T10:48:35			
Read mode	TIMED	TIMED			

2.3 Aspect



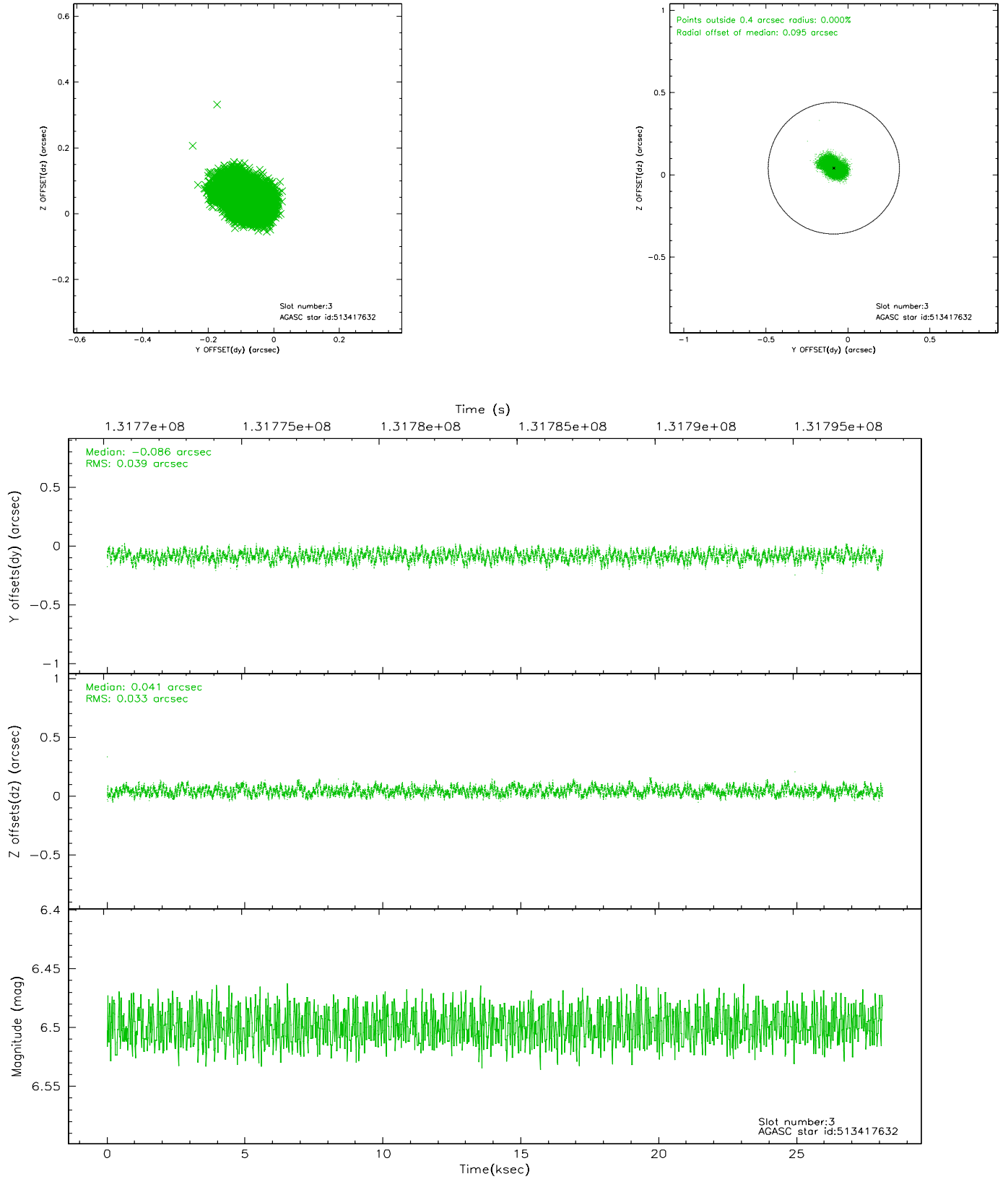


Slot Statistics

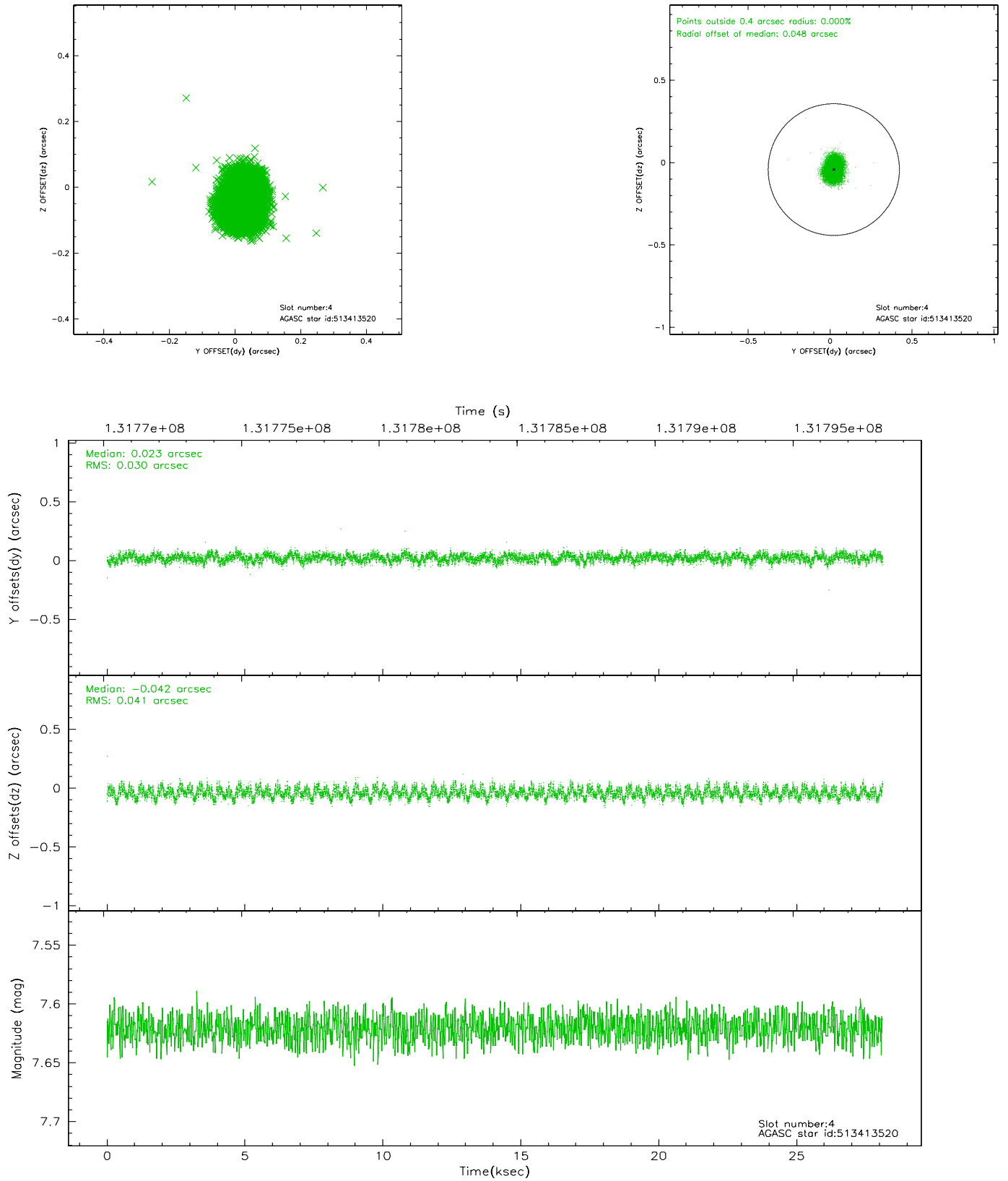
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6860	-0.033	0.023	0.011	0.016	0.000000	0.000000	-754.35	-1727.56
1	FID	ACIS-S-4	7.20	6860	-0.061	0.010	0.011	0.017	0.000000	0.000000	2158.83	180.86
2	FID	ACIS-S-5	7.24	6856	0.063	-0.024	0.007	0.012	0.000000	0.000000	-1807.01	174.54
3	GUIDE	513417632	6.50	13718	-0.086	0.041	0.056	0.086	279.830663	59.528037	961.94	-1085.88
4	GUIDE	513413520	7.62	13715	0.023	-0.042	0.054	0.085	278.753025	59.267046	-694.13	342.26
5	GUIDE	513420760	9.04	13679	0.047	0.004	0.085	0.133	277.675033	59.117633	-1961.94	1964.99
6	GUIDE	513422640	8.02	13714	-0.029	-0.044	0.084	0.130	277.976729	59.419970	-744.11	1869.25
7	GUIDE	513417880	8.63	13715	0.045	0.045	0.071	0.111	279.584245	59.253862	-123.43	-1077.26

2.4 Star Slots

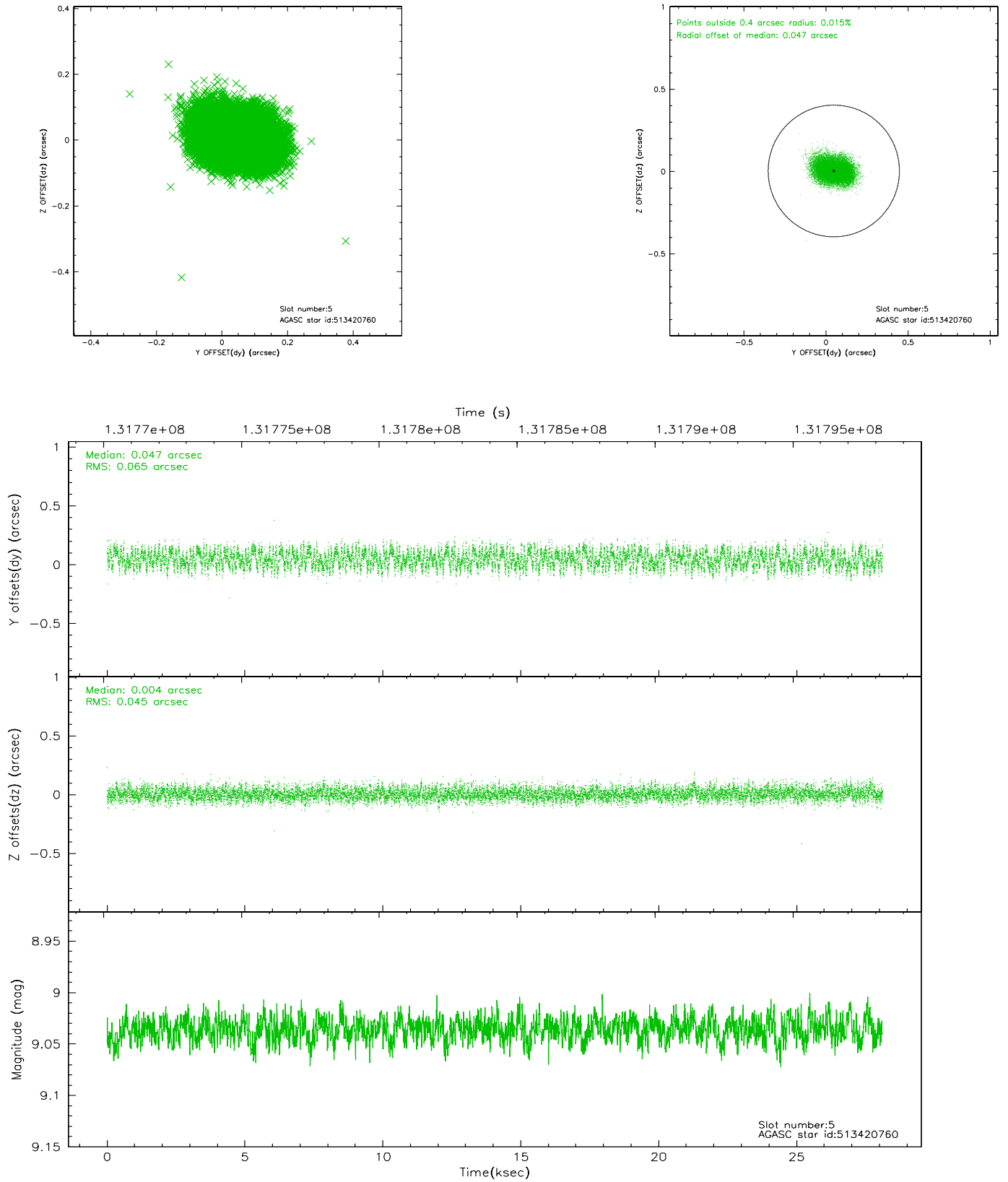
2.4.1 Slot 3



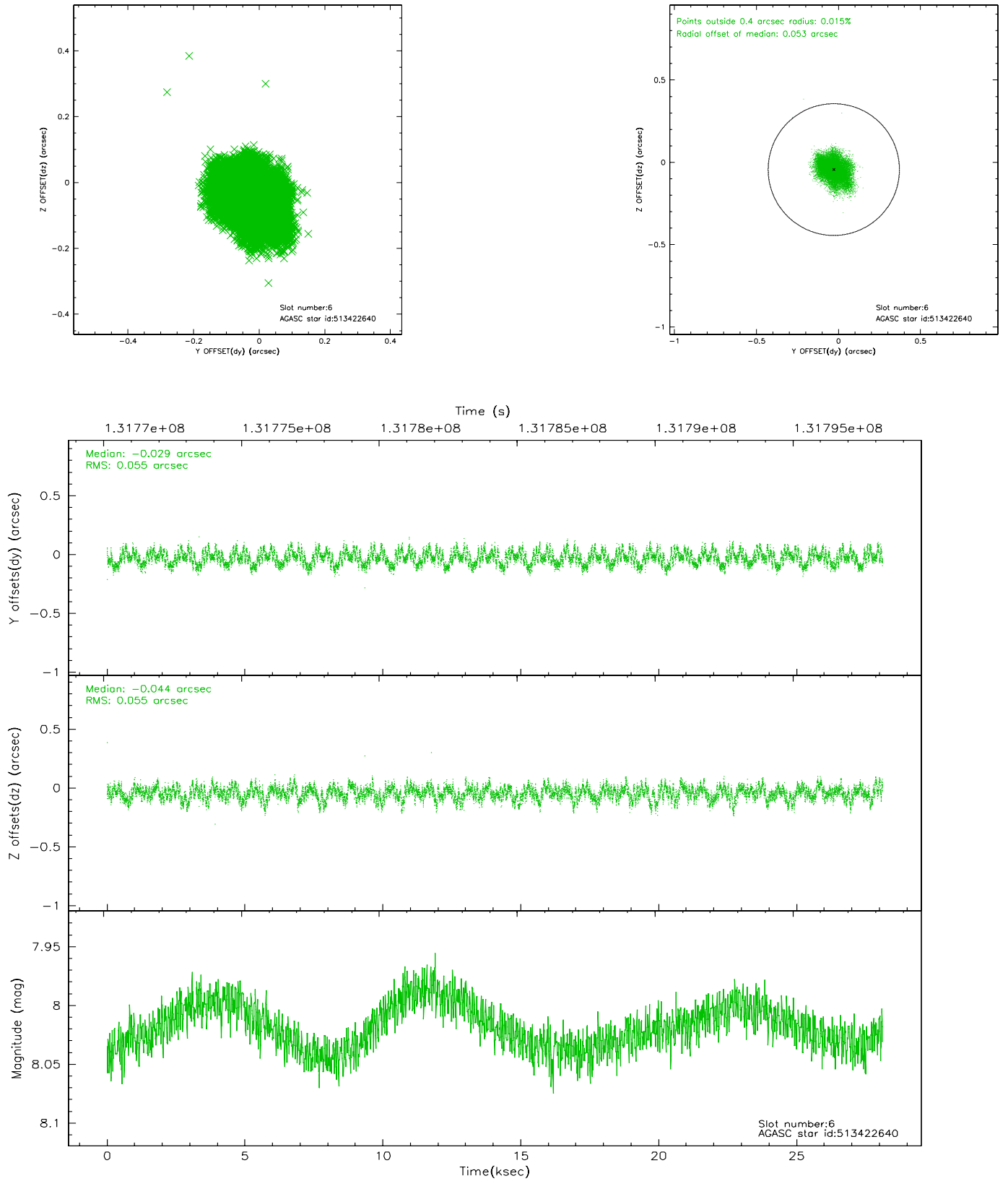
2.4.2 Slot 4



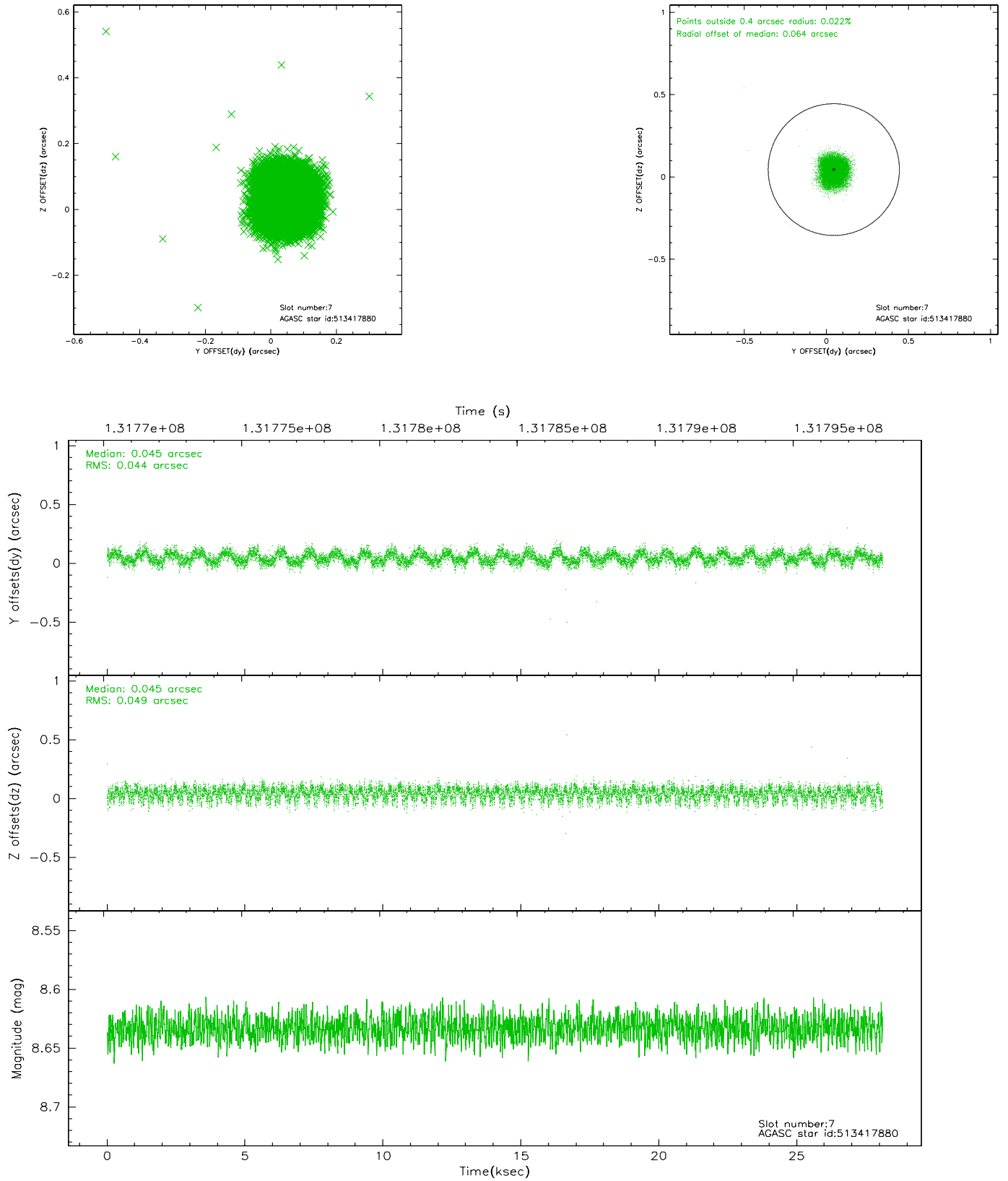
2.4.3 Slot 5



2.4.4 Slot 6

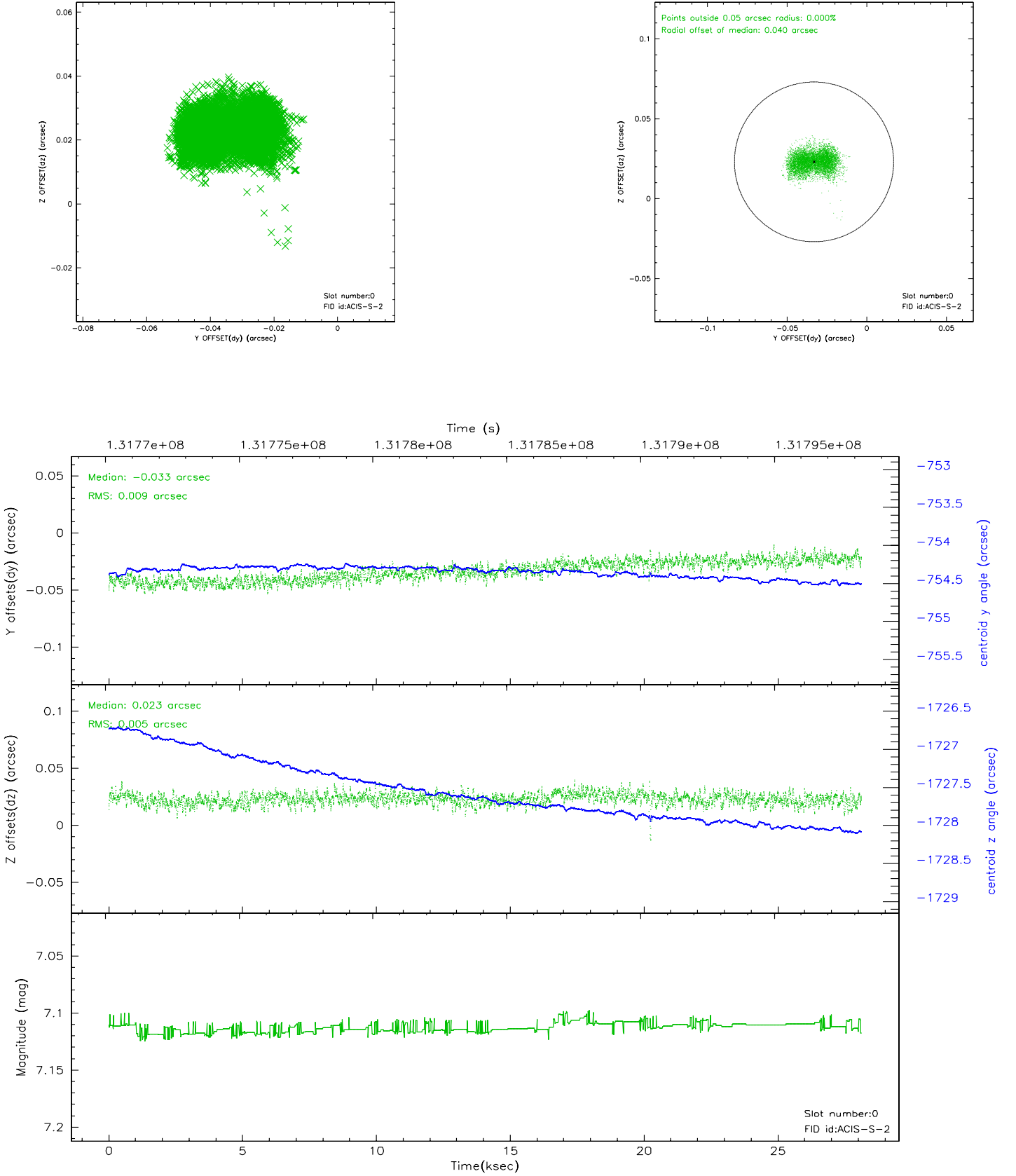


2.4.5 Slot 7

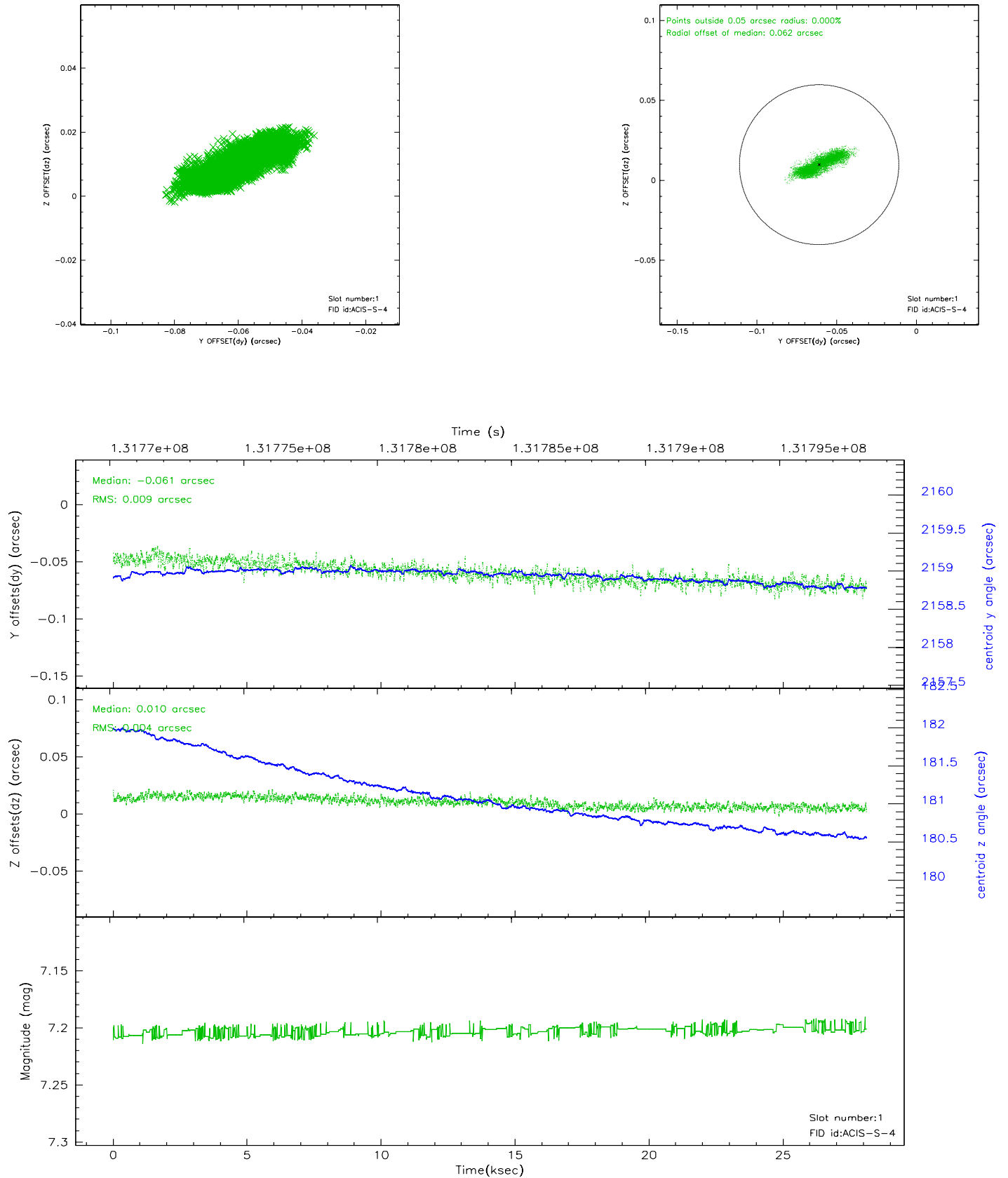


2.5 FID Slots

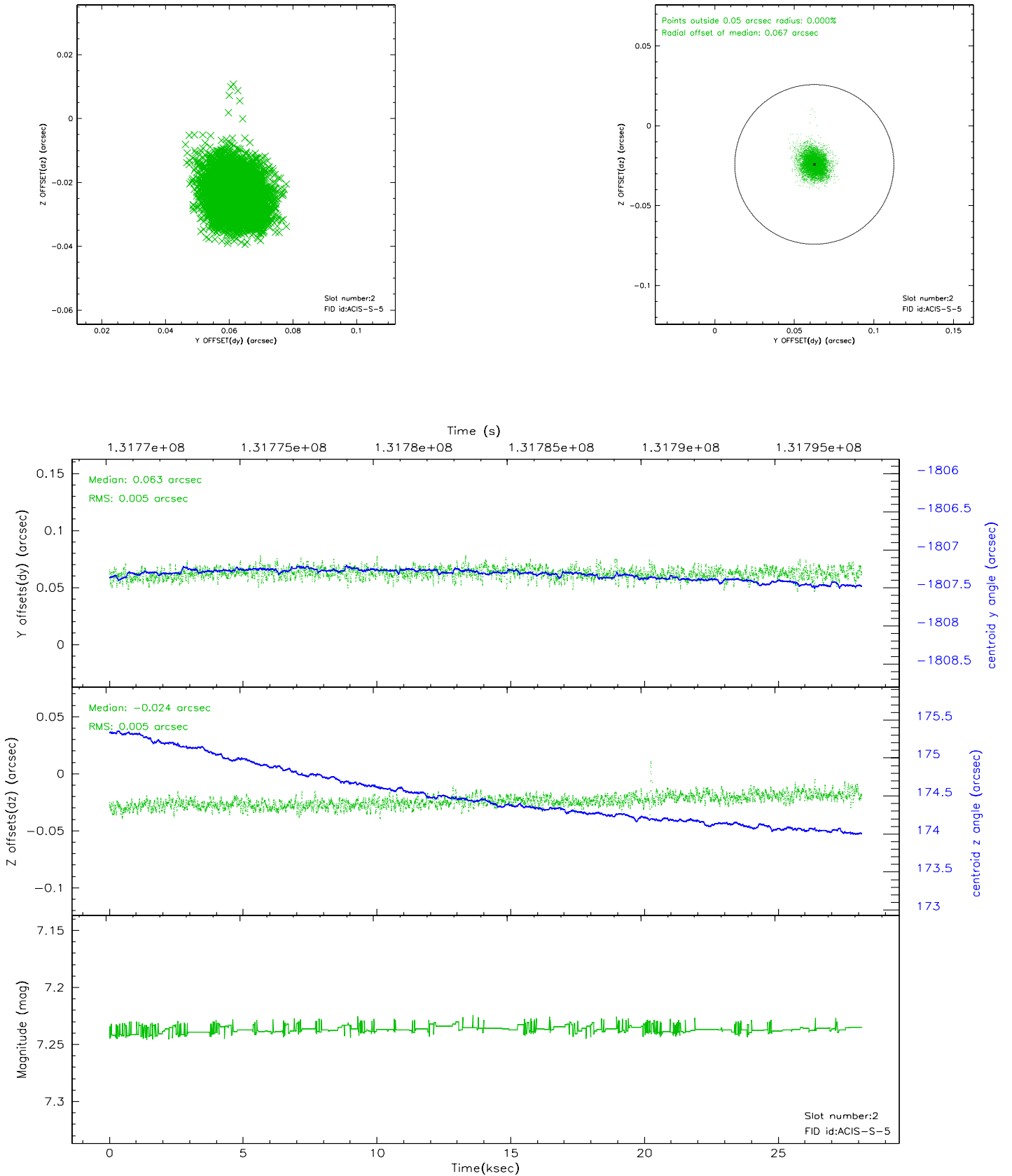
2.5.1 Slot 0



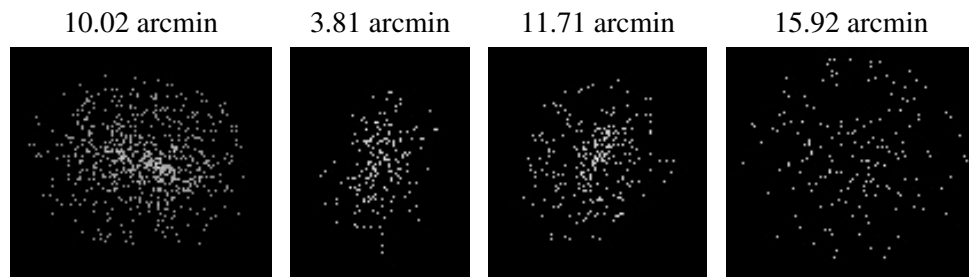
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.116

A.2 Comments