

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4050 - L2 Version 001
Chandra X-Ray Center

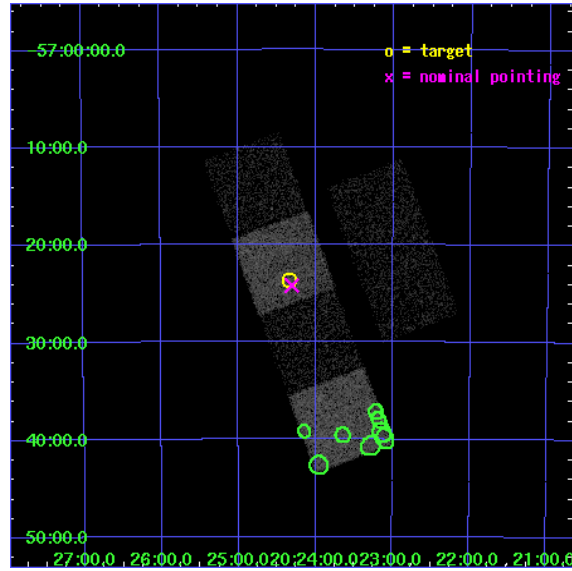
L2 Processing Date : Oct 14 2006

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1 Front

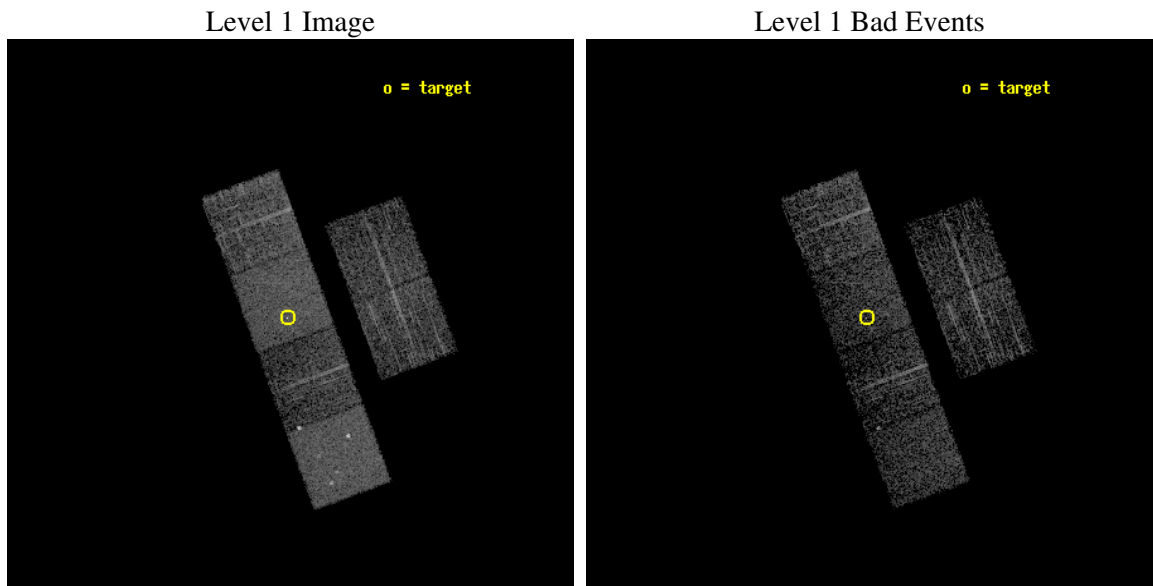
seq_num	700729
obs_id	4050
title	WHY DO WE SEE BROAD LINES IN X-RAY ABSORBED AGN?
observer	Dr. BELINDA WILKES
object	2MASS202421-572344
dtcycle	0
cycle	P
ra_targ	306.085417
dec_targ	-57.395444
ra_nom	306.07627370137
dec_nom	-57.403641414742
roll_nom	249.77101793753
revision	3
ontime	2751.999989748
livetime	2717.1525088224
ontime2	2751.999989748
ontime3	2751.999989748
ontime5	2751.999989748
ontime6	2751.999989748
ontime7	2751.999989748
ontime8	2748.7590094805
l2events	33595



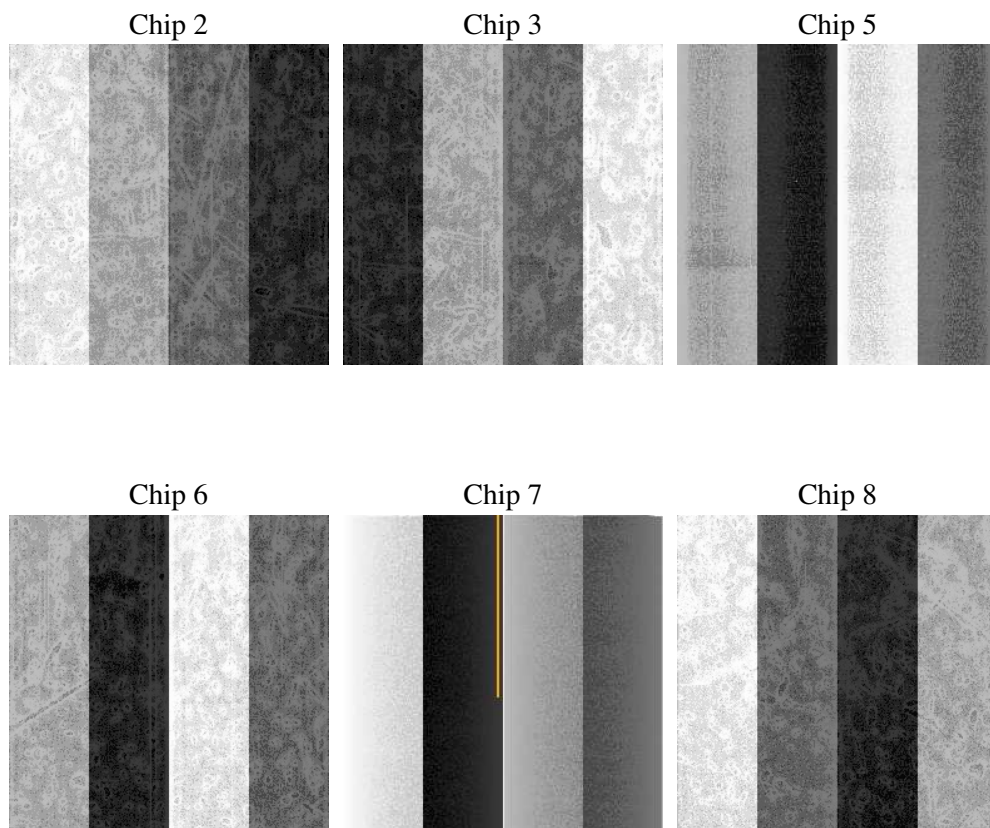
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-14T20:32:42
revision	3

sched_exp_time	3000.000000
ontime	2758.0959348679
ontime2	2758.0959348679
ontime3	2758.0959348679
ontime5	2758.0959348679
ontime6	2758.0959348679
ontime7	2758.0959348679
ontime8	2754.8548550308
l1events	135401

2.1.4 Events

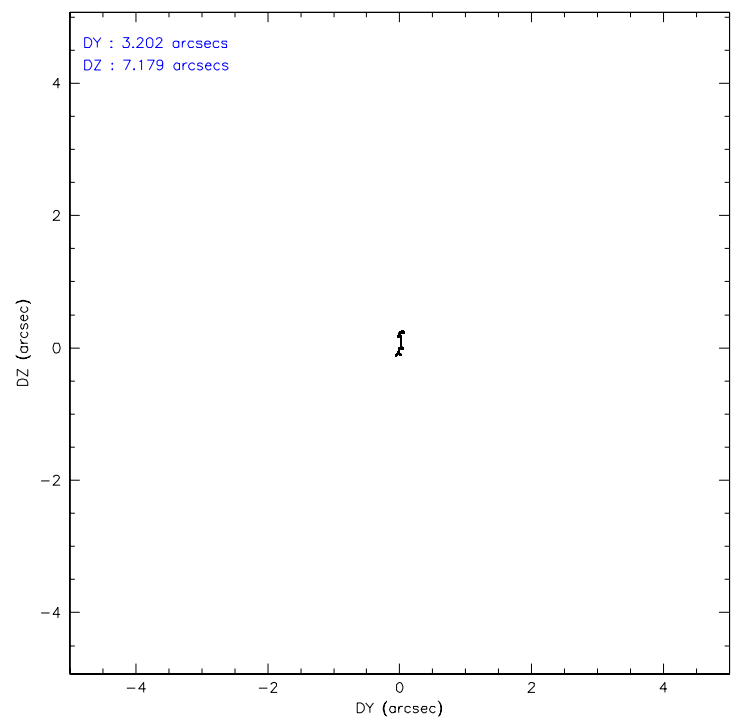
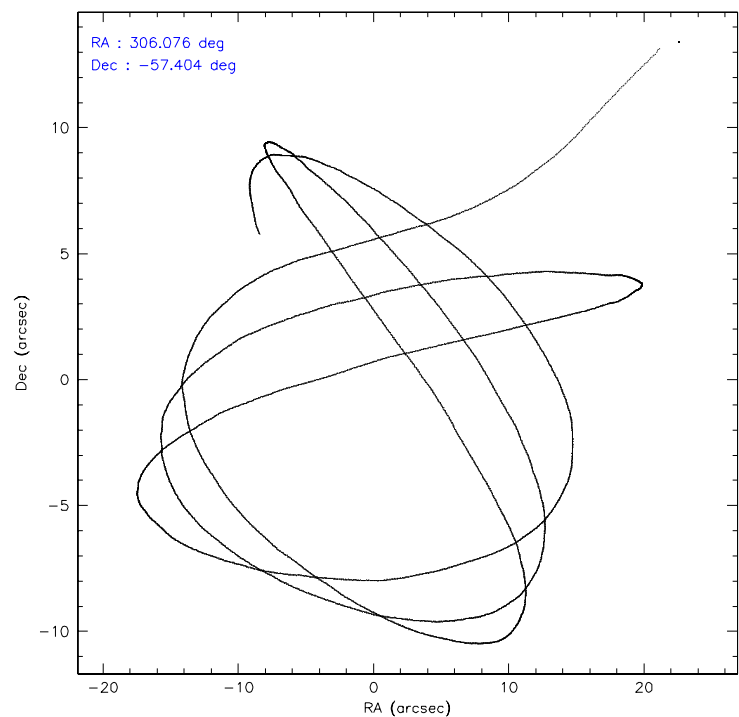
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18979	16360	30622	16274	27607	25559
rejected events	16881	14403	14465	14127	15087	21177
rejected %	88%	88%	47%	86%	54%	82%

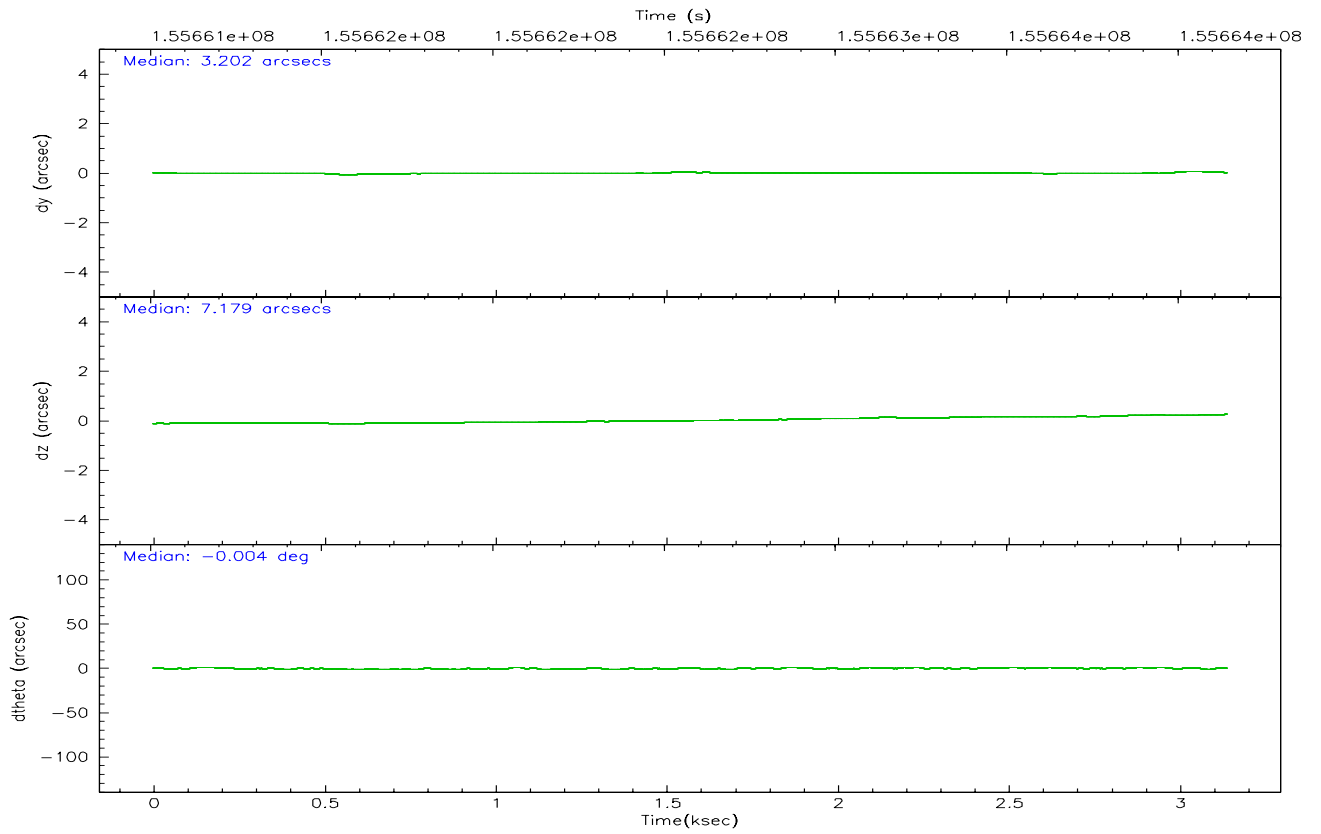
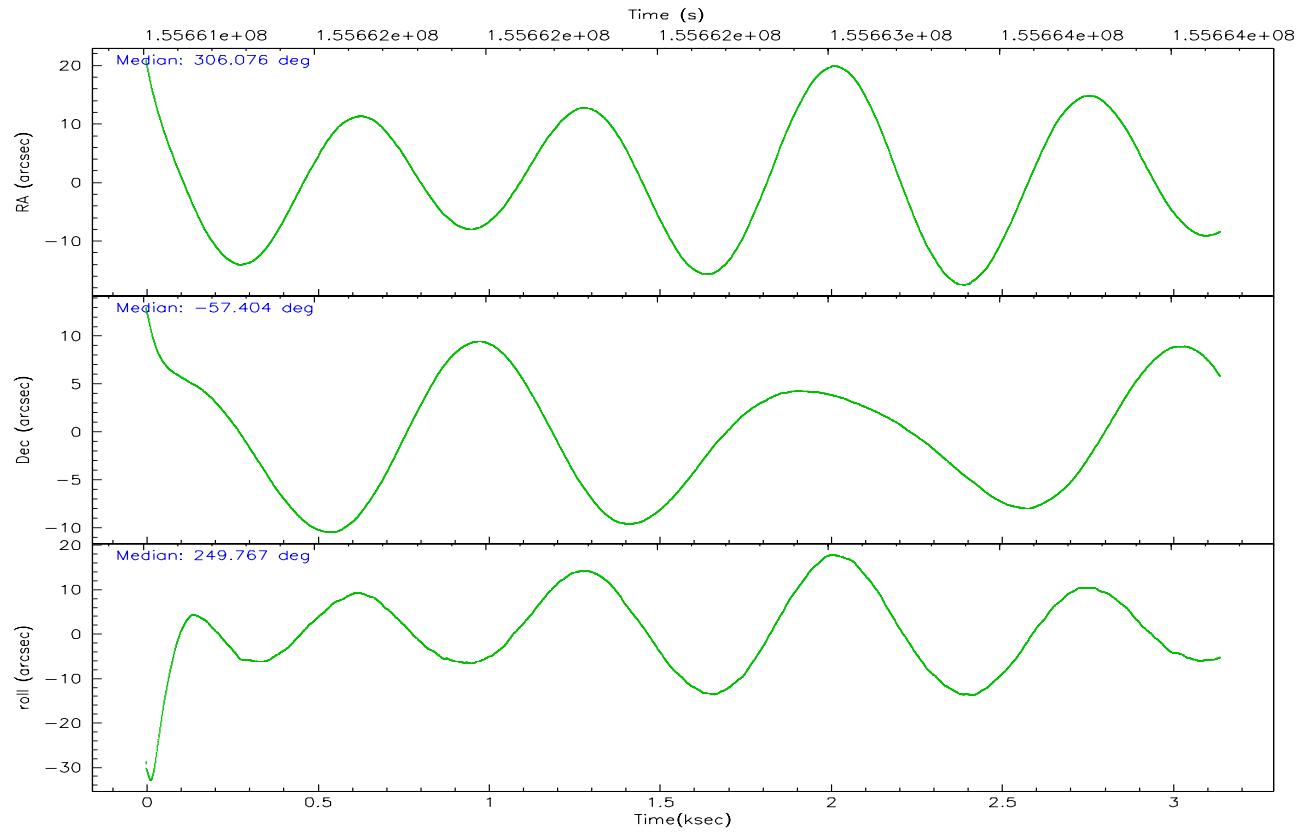
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	933	877	2391	930	1082	1349
	4%	5%	7%	5%	3%	5%
grade 1 events	10	5	76	5	28	22
	0%	0%	0%	0%	0%	0%
grade 2 events	413	357	4887	410	3013	959
	2%	2%	15%	2%	10%	3%
grade 3 events	212	198	443	196	714	411
	1%	1%	1%	1%	2%	1%
grade 4 events	191	208	452	213	725	377
	1%	1%	1%	1%	2%	1%
grade 5 events	628	749	1364	747	1605	974
	3%	4%	4%	4%	5%	3%
grade 6 events	355	319	8018	405	7013	1287
	1%	1%	26%	2%	25%	5%
grade 7 events	16237	13647	12991	13368	13427	20180
	85%	83%	42%	82%	48%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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
Pointing RA	306.067110	306.07627370137	Subarray requested	NONE	NONE
Pointing Dec	-57.377015	-57.4036414147423	Alternating exposures requested	N	N
Pointing Roll	249.606934	249.771017937534	Primary exposure time	0.000000	3.2
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	155661145.184000	155660008.65435			
Observation start date	2002-12-07T15:11:21	2002-12-07T14:53:28			
Observation end time	155664145.184000	155664466.37954			
Observation end date	2002-12-07T16:01:21	2002-12-07T16:07:46			
Read mode	TIMED	TIMED			

2.3 Aspect



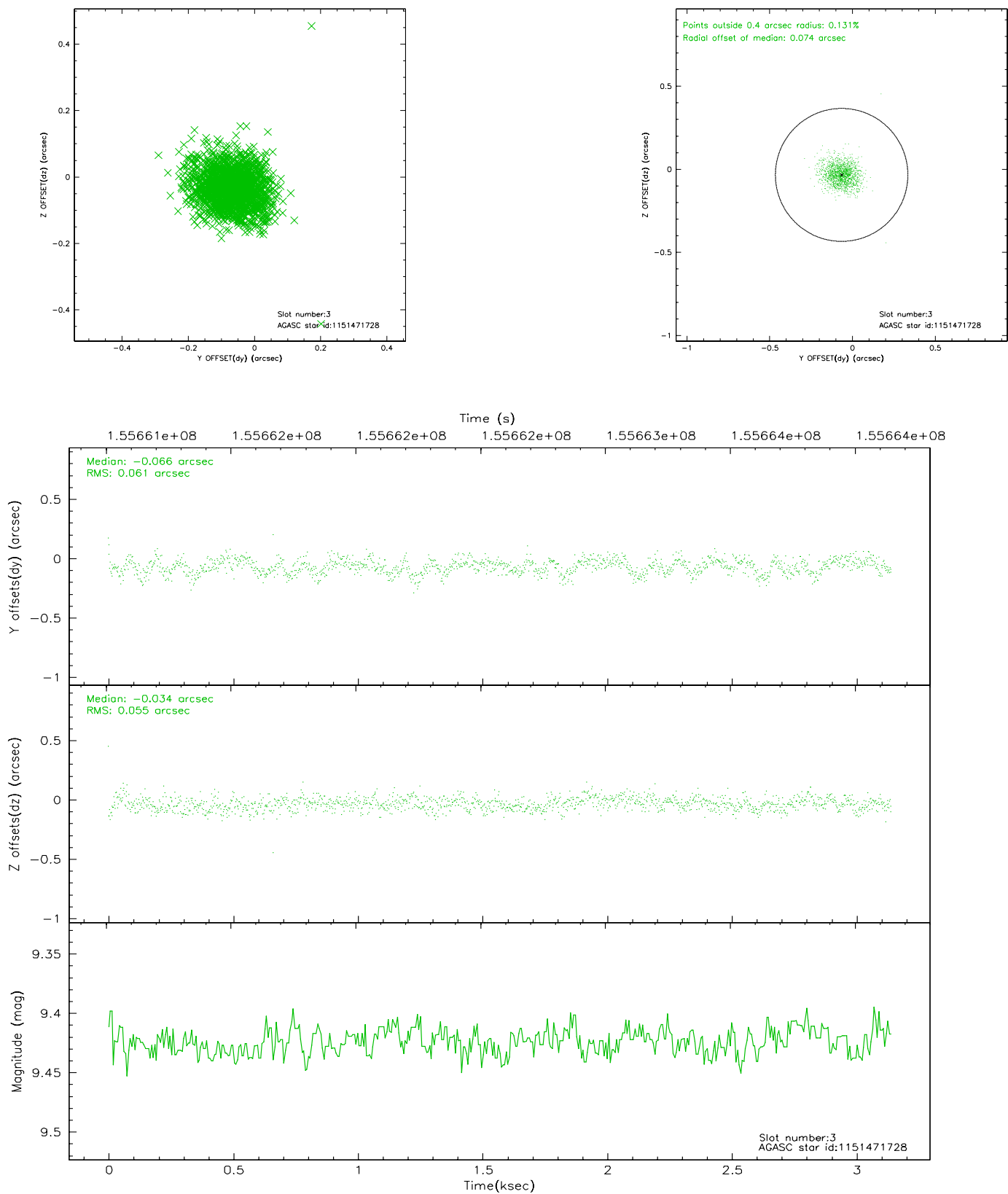


Slot Statistics

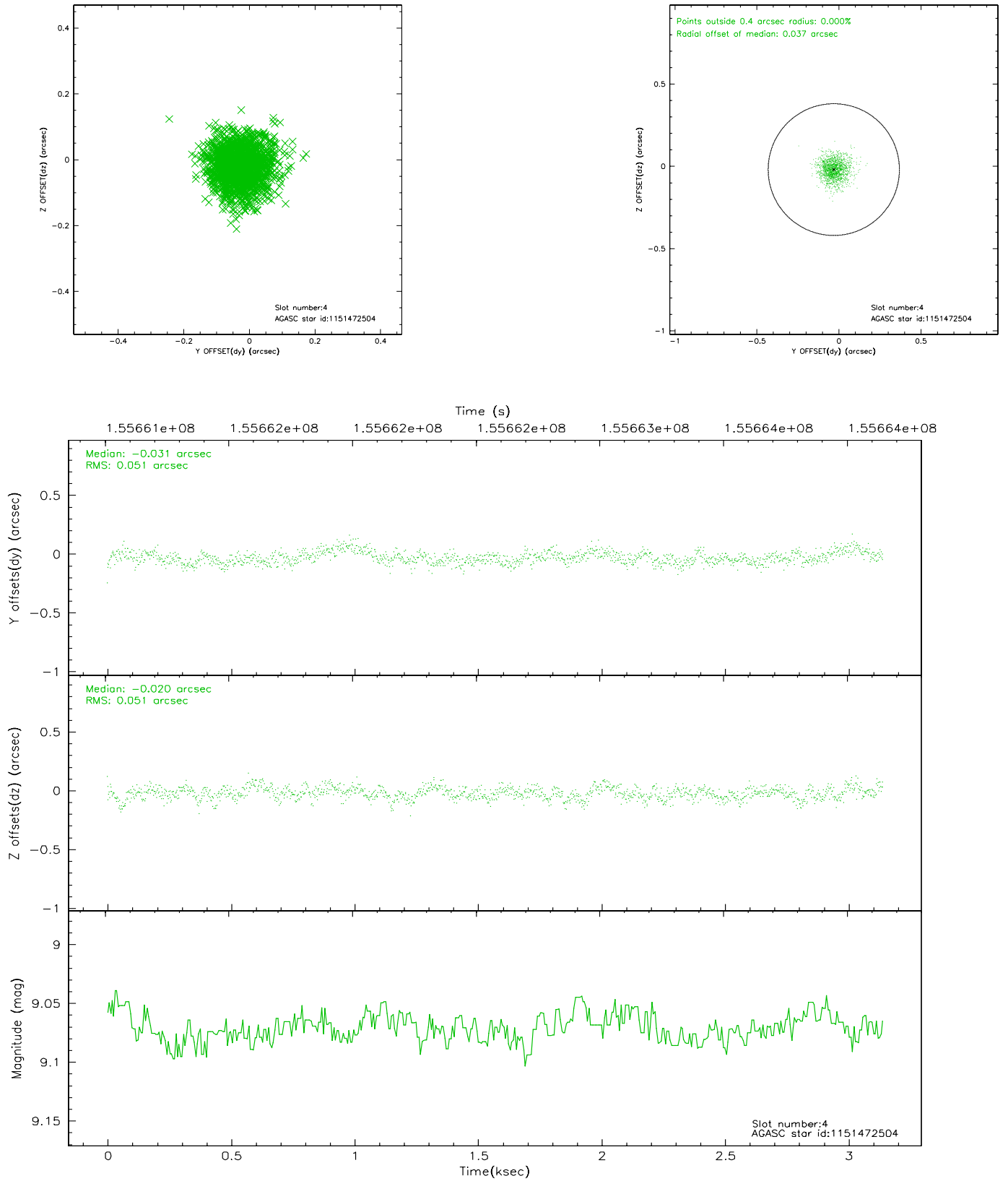
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	767	0.003	0.017	0.006	0.011	0.000000	0.000000	-755.85	-1728.37
1	FID	ACIS-S-4	7.20	766	-0.017	0.001	0.006	0.010	0.000000	0.000000	2156.49	178.00
2	FID	ACIS-S-6	7.35	766	-0.014	-0.011	0.007	0.012	0.000000	0.000000	408.73	817.70
3	GUIDE	1151471728	9.42	1532	-0.066	-0.034	0.086	0.139	304.845484	-57.491931	1231.30	-2063.91
4	GUIDE	1151472504	9.07	1532	-0.031	-0.020	0.075	0.124	305.838734	-57.131508	-671.46	-727.63
5	GUIDE	1151482624	8.49	1533	-0.066	-0.108	0.110	0.169	306.549038	-56.774152	-2362.93	134.97
6	GUIDE	1151469440	9.82	1532	0.162	0.106	0.127	0.211	306.639054	-58.108116	2090.73	1938.37
7	GUIDE	1153182688	8.81	1532	-0.015	0.065	0.083	0.133	306.975631	-57.644814	306.27	1981.61

2.4 Star Slots

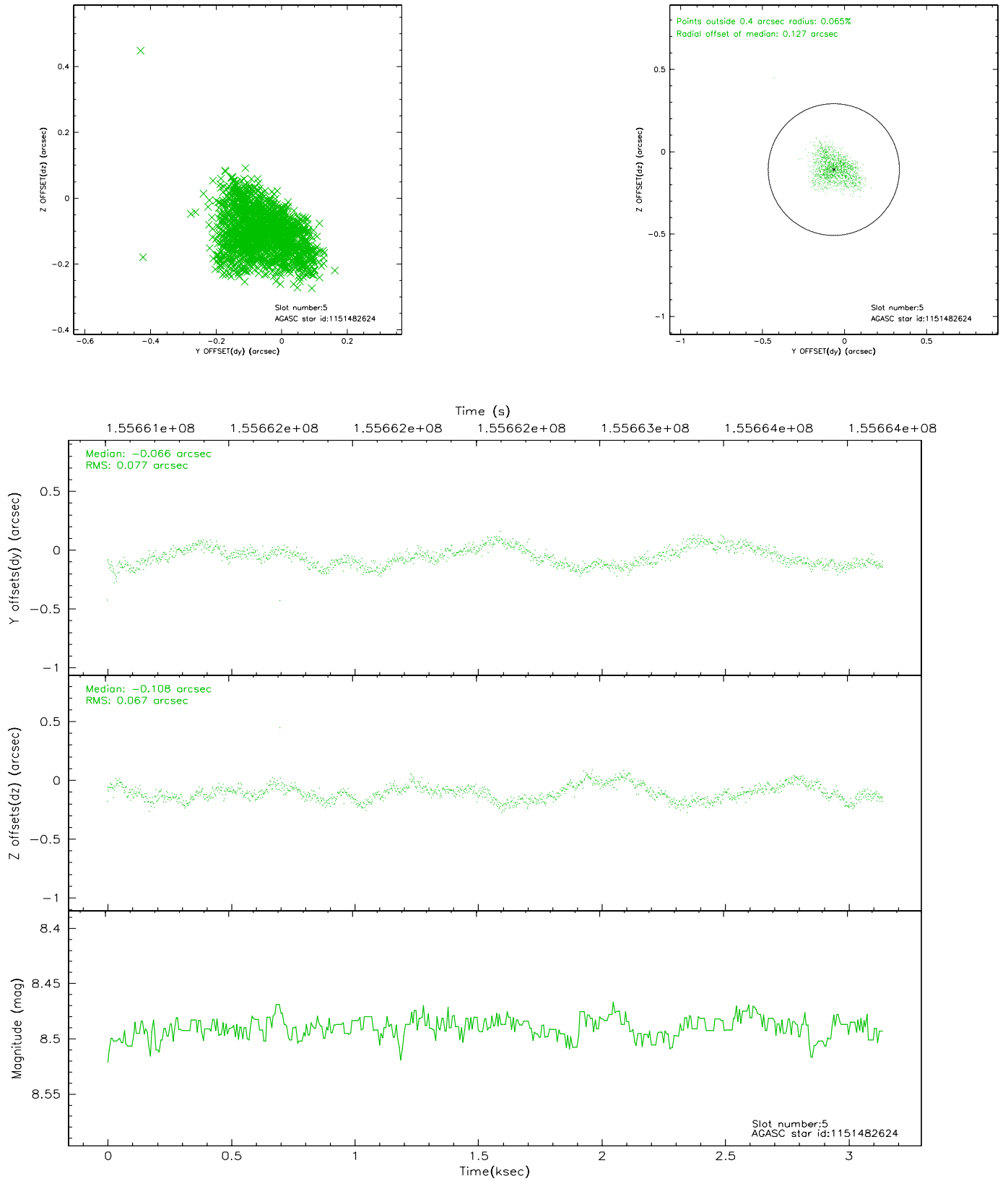
2.4.1 Slot 3



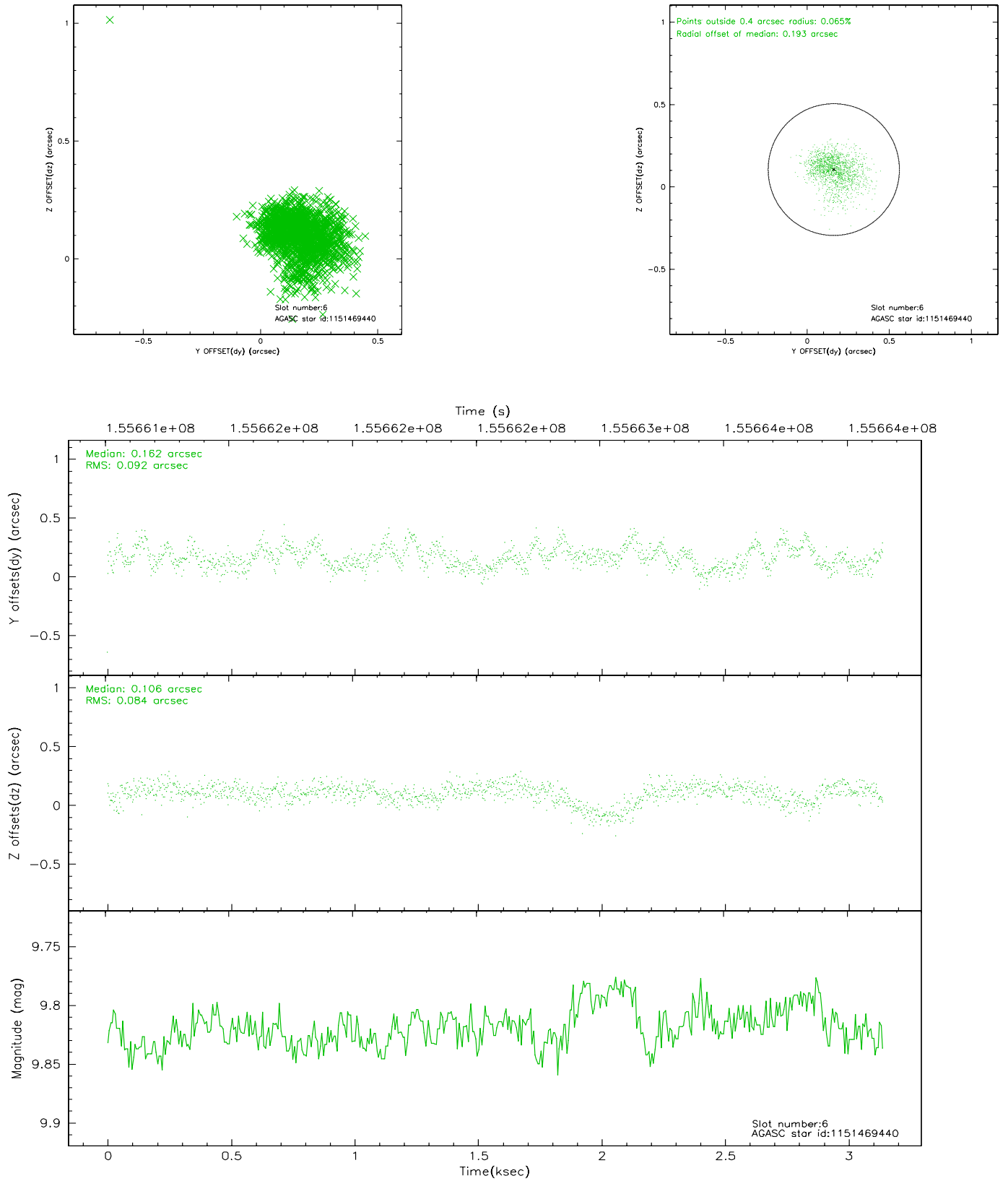
2.4.2 Slot 4



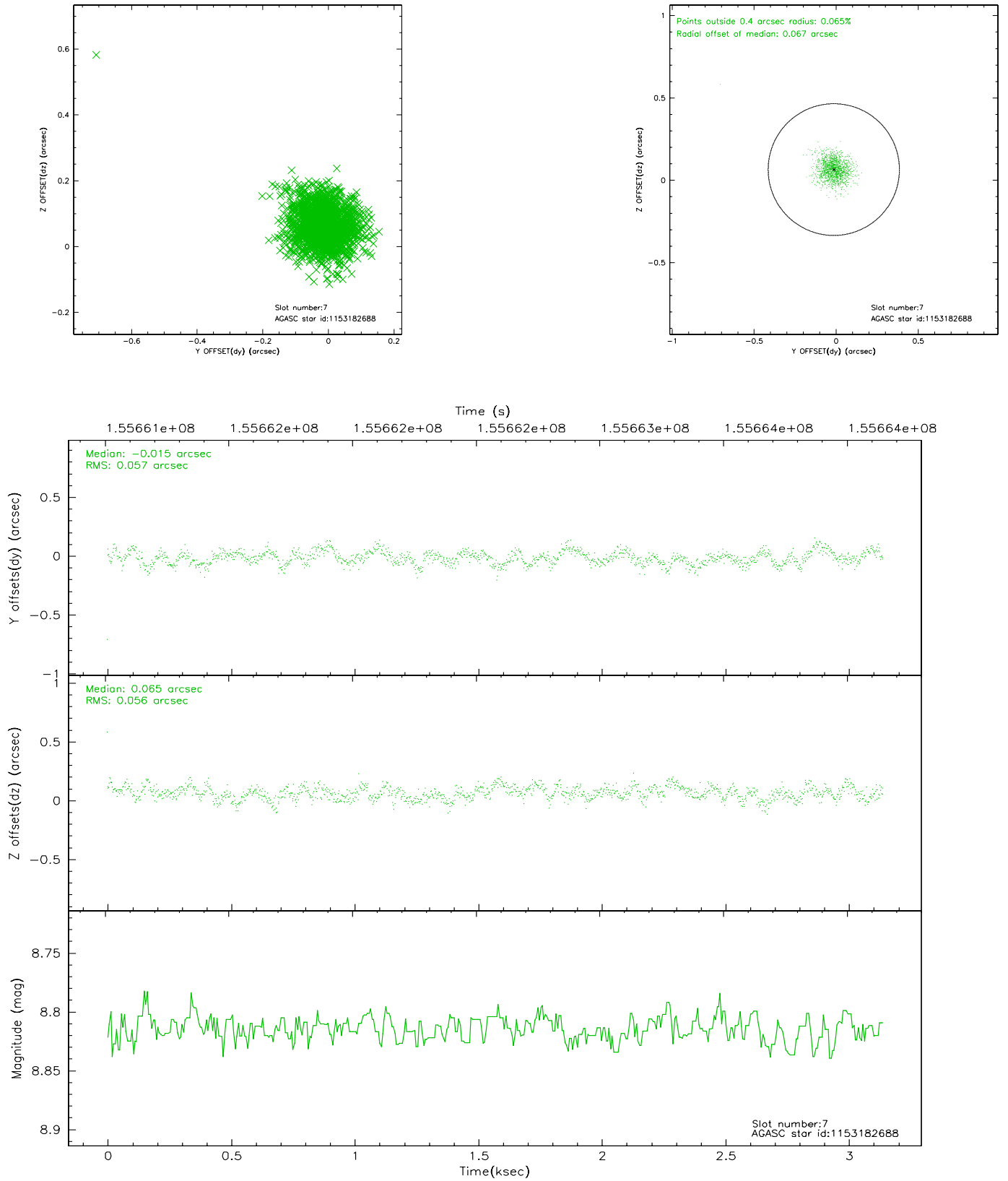
2.4.3 Slot 5



2.4.4 Slot 6

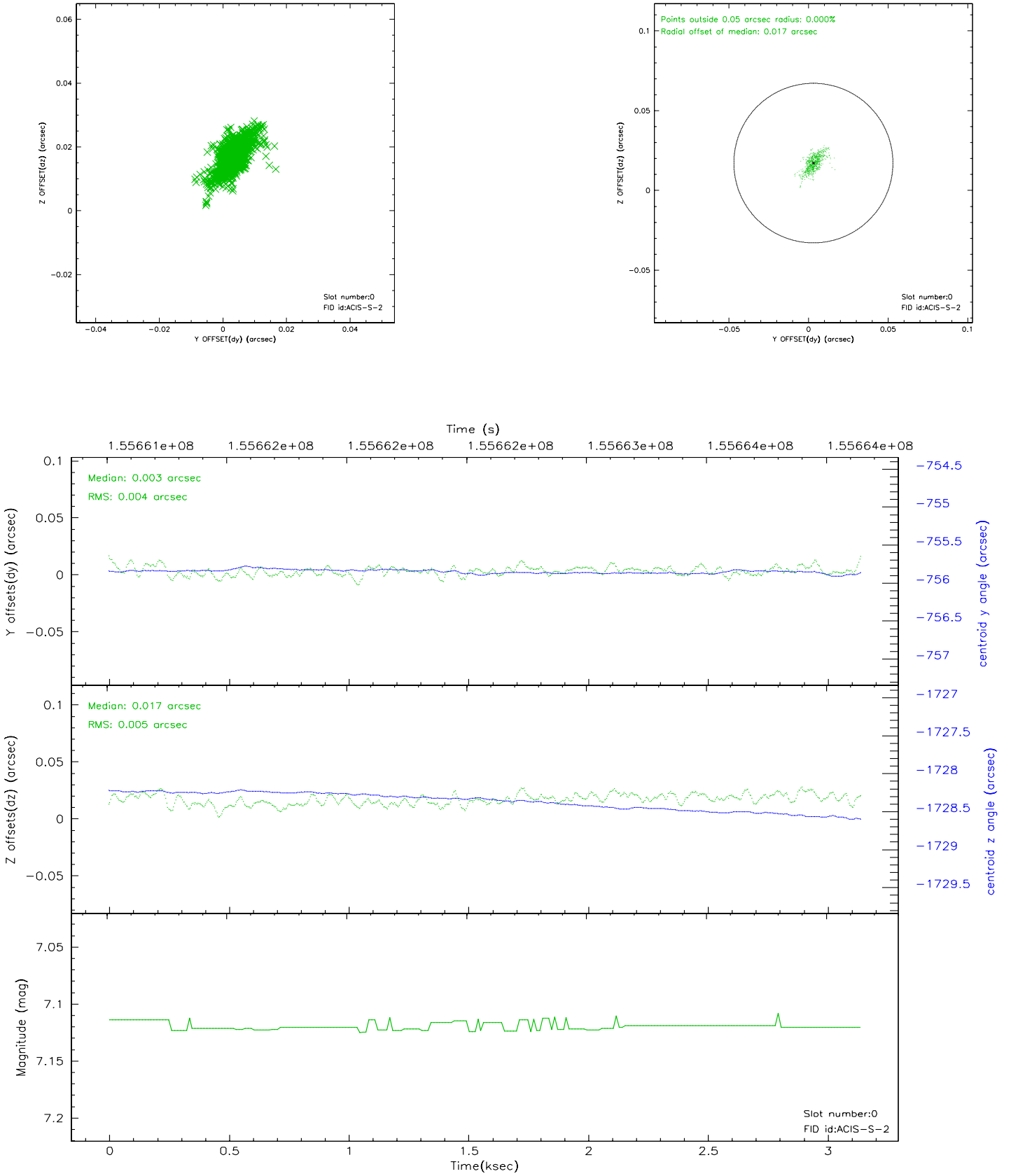


2.4.5 Slot 7

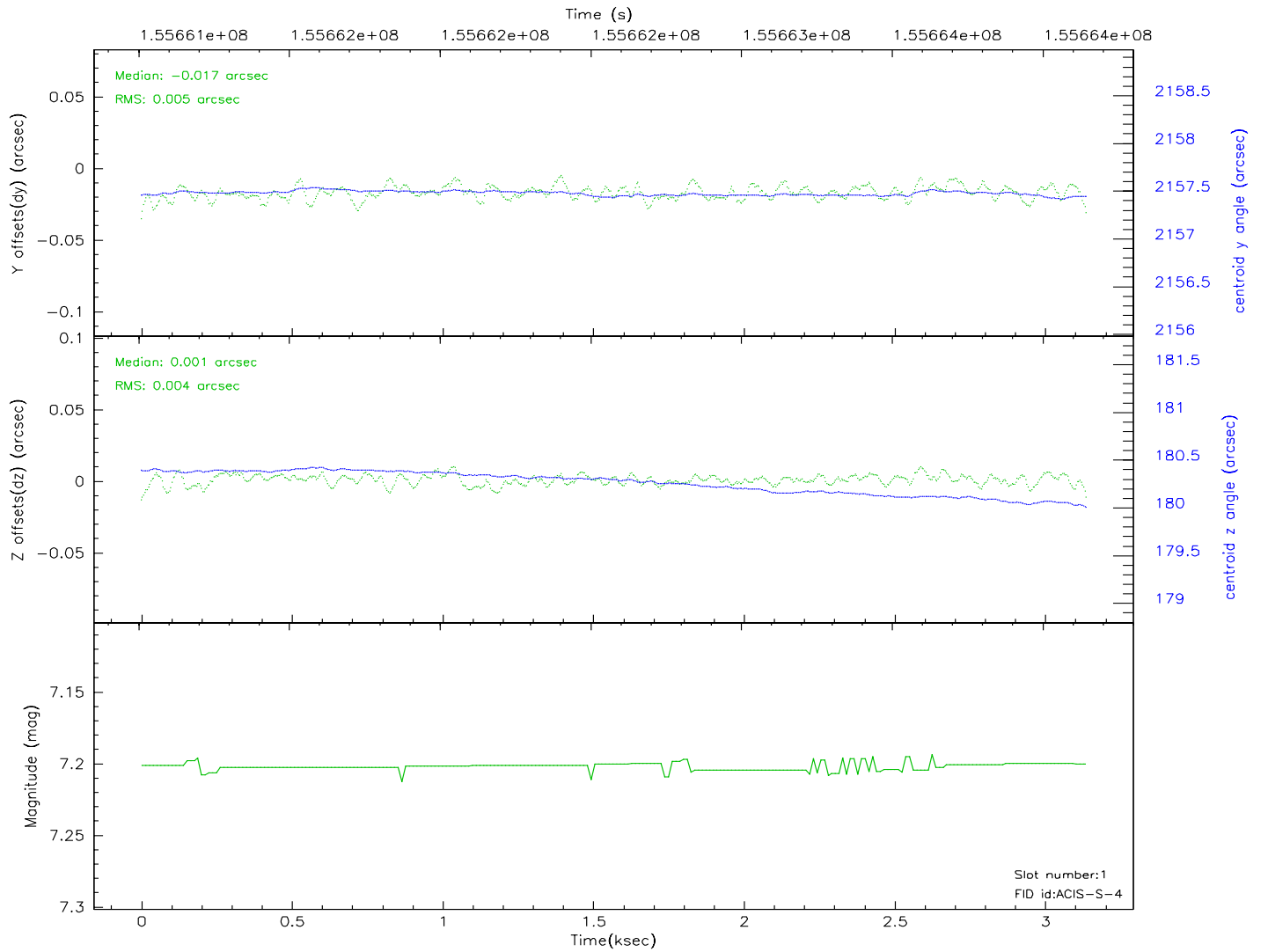
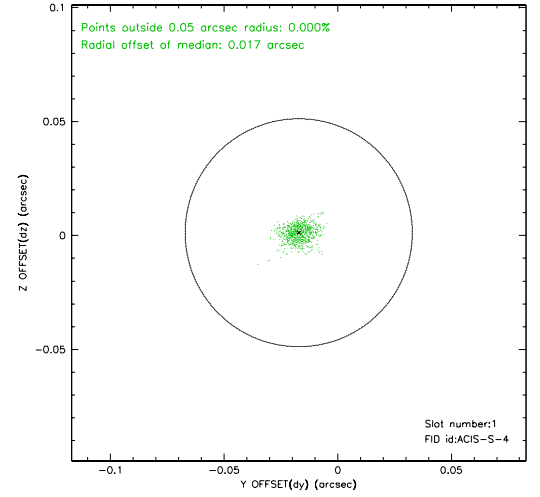
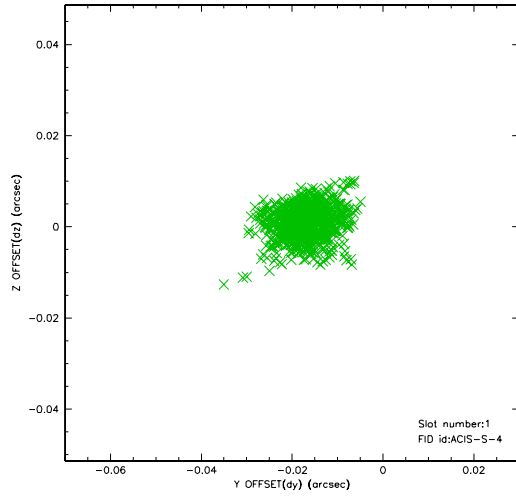


2.5 FID Slots

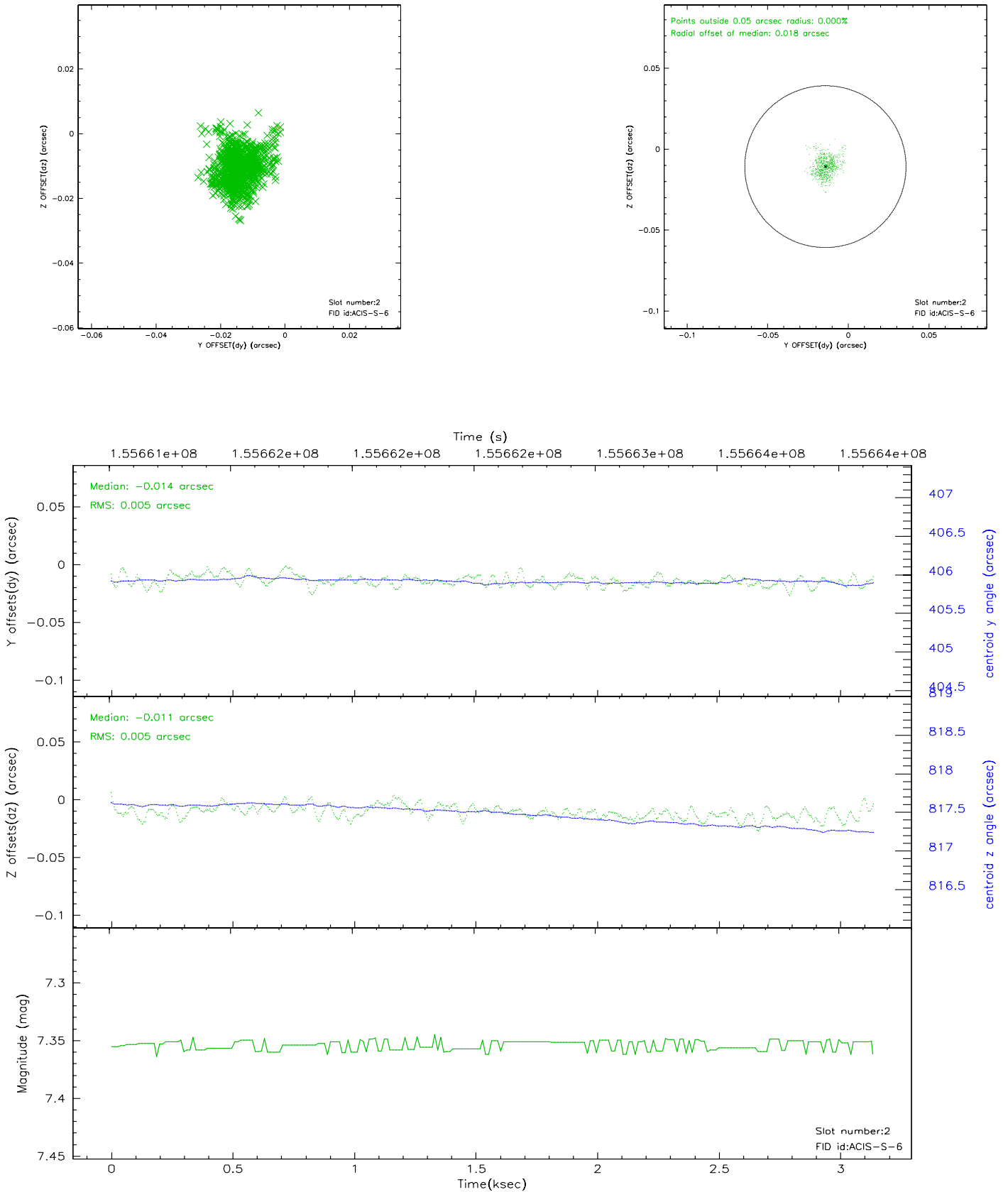
2.5.1 Slot 0



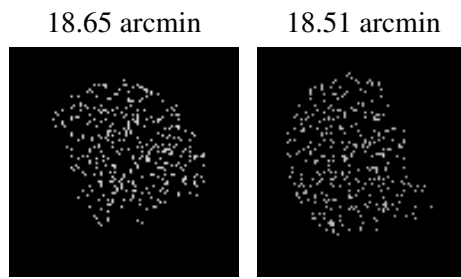
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.752

A.2 Comments