

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3550 - L2 Version 001
Chandra X-Ray Center

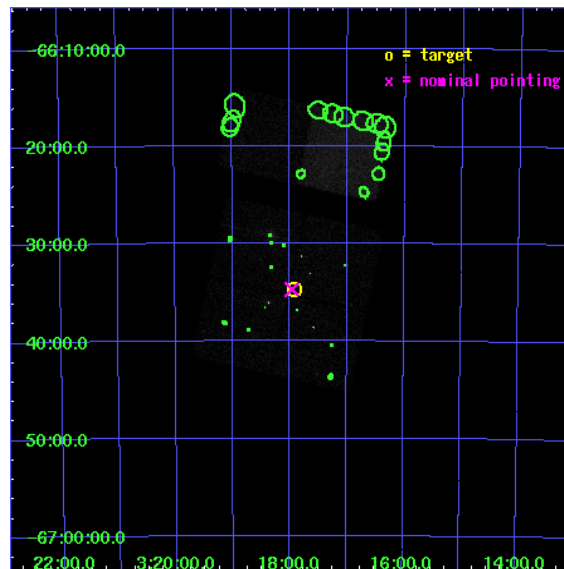
L2 Processing Date : Oct 9 2006

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1 Front

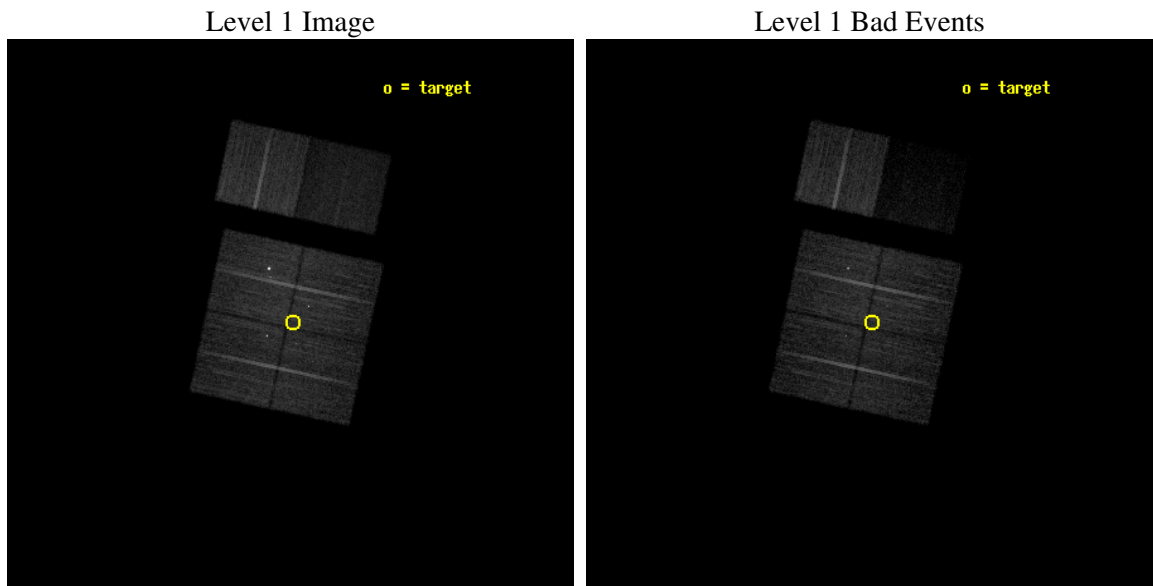
seq_num	600295
obs_id	3550
title	X-RAY SOURCES IN THE NEARBY BARRED SPIRAL GALAXY NGC 1313
observer	Professor Gordon Garmire
object	NGC 1313
dtcycle	0
cycle	P
ra_targ	49.479167
dec_targ	-66.577778
ra_nom	49.49067685499
dec_nom	-66.578643558848
roll_nom	12.219278007595
revision	3
ontime	14758.399945021
livetime	14571.520198475
ontime0	14758.399945021
ontime1	14755.158954859
ontime2	14758.399945021
ontime3	14758.399945021
ontime6	14758.399945021
ontime7	14758.399945021
l2events	75819



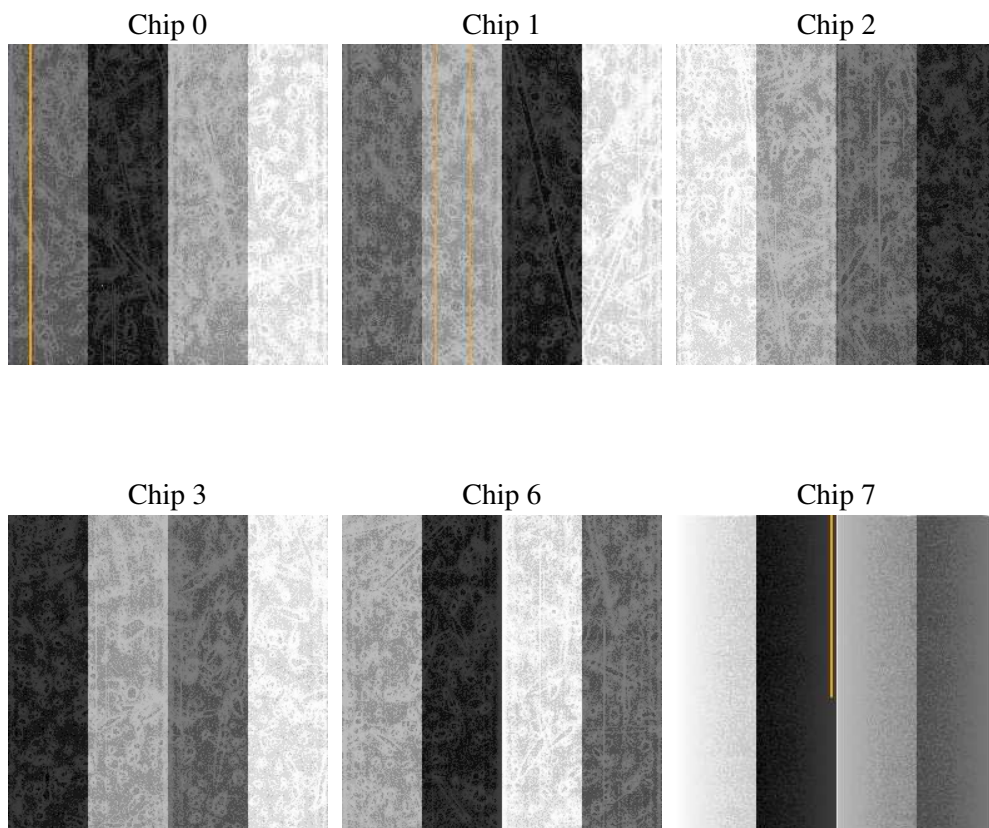
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-09T11:33:44
revision	3

sched_exp_time	14800.000000
ontime	14766.006484449
ontime0	14766.006484449
ontime1	14762.765494287
ontime2	14766.006484449
ontime3	14766.006484449
ontime6	14766.006484449
ontime7	14766.006484449
l1events	476269

2.1.4 Events

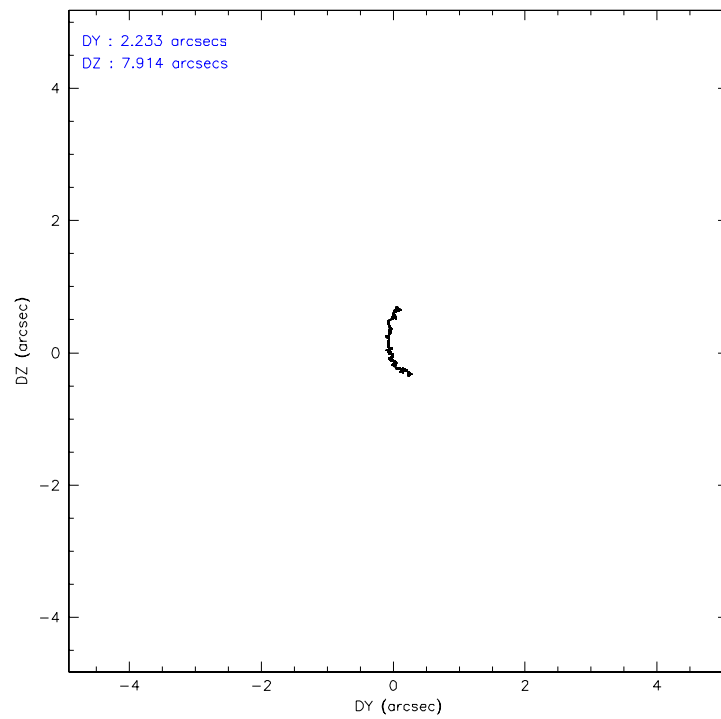
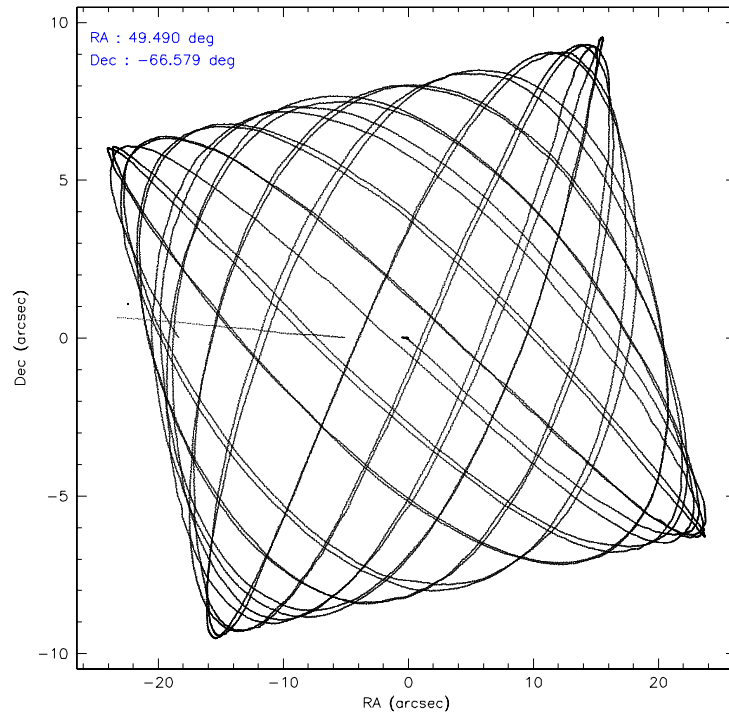
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	78933	73750	106803	83021	89488	44274
rejected events	66192	65243	83643	74220	80273	17688
rejected %	83%	88%	78%	89%	89%	39%

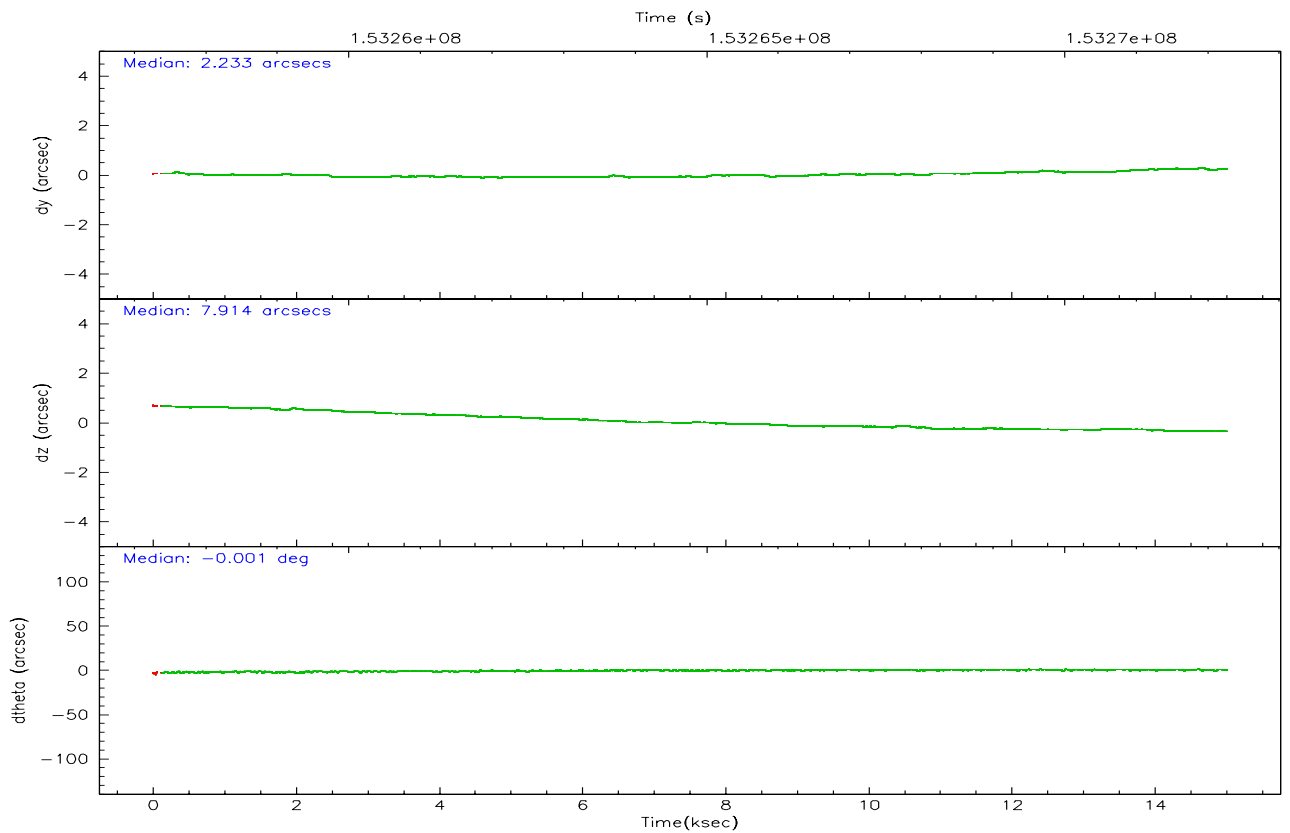
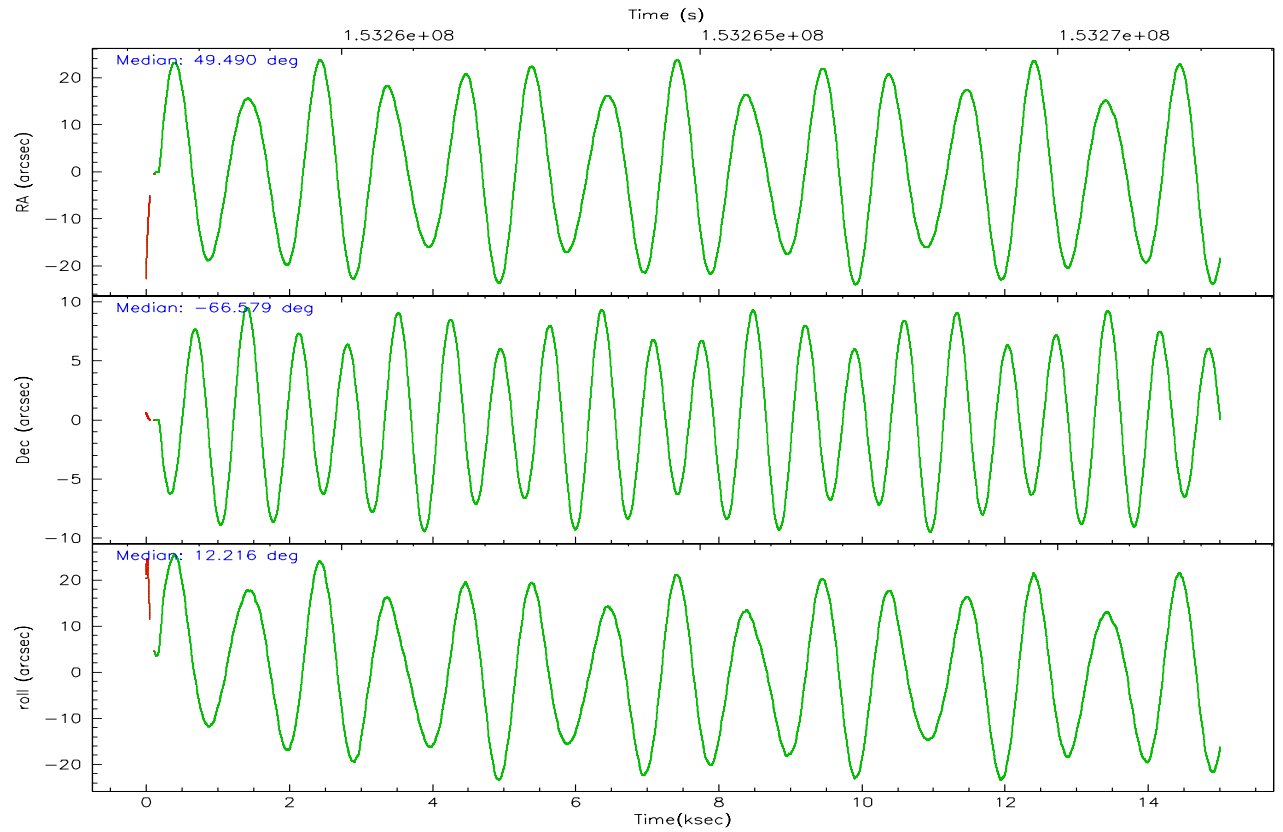
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6621	3641	14650	4603	4089	3179
	8%	4%	13%	5%	4%	7%
grade 1 events	281	26	814	88	39	70
	0%	0%	0%	0%	0%	0%
grade 2 events	2920	1844	4174	1644	2279	7462
	3%	2%	3%	1%	2%	16%
grade 3 events	972	916	1375	772	778	2055
	1%	1%	1%	0%	0%	4%
grade 4 events	933	823	1394	710	785	2015
	1%	1%	1%	0%	0%	4%
grade 5 events	1292	1284	1393	1264	1287	3297
	1%	1%	1%	1%	1%	7%
grade 6 events	1297	1285	1576	1076	1291	11886
	1%	1%	1%	1%	1%	26%
grade 7 events	64617	63931	81427	72864	78940	14310
	81%	86%	76%	87%	88%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Observation mode	POINTING	POINTING	Number of optional ACIS chips dropped	0	0
Pointing RA	49.439755	49.49067685499024	On-chip summing requested	N	N
Pointing Dec	-66.597126	-66.57864355884769	Subarray requested	NONE	NONE
Pointing Roll	11.963826	12.21927800759549	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	3.2
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	153257470.184000	153256475.29175			
Observation start date	2002-11-09T19:30:06	2002-11-09T19:14:35			
Observation end time	153272270.184000	153272926.02993			
Observation end date	2002-11-09T23:36:46	2002-11-09T23:48:46			
Read mode	TIMED	TIMED			

2.3 Aspect



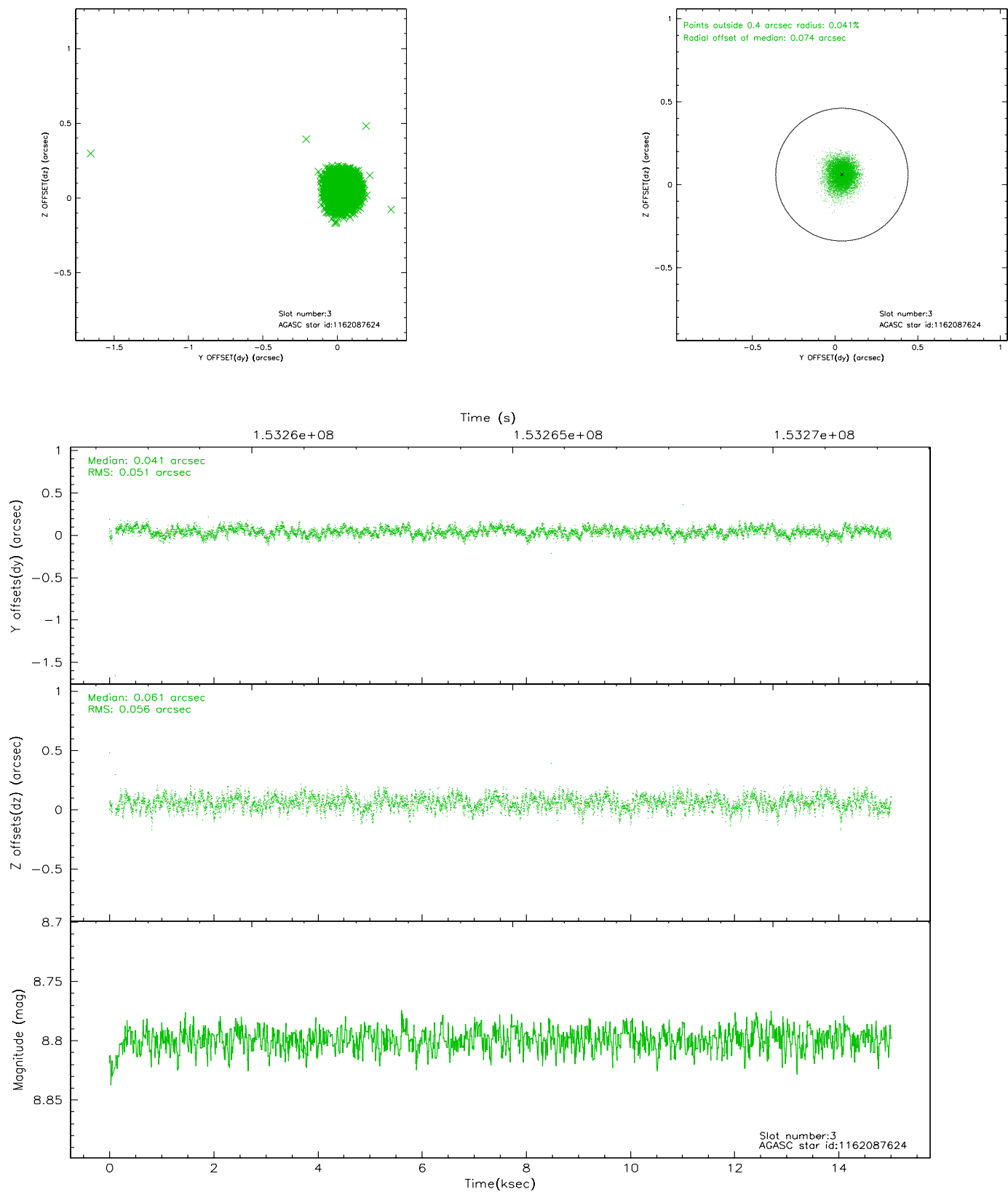


Slot Statistics

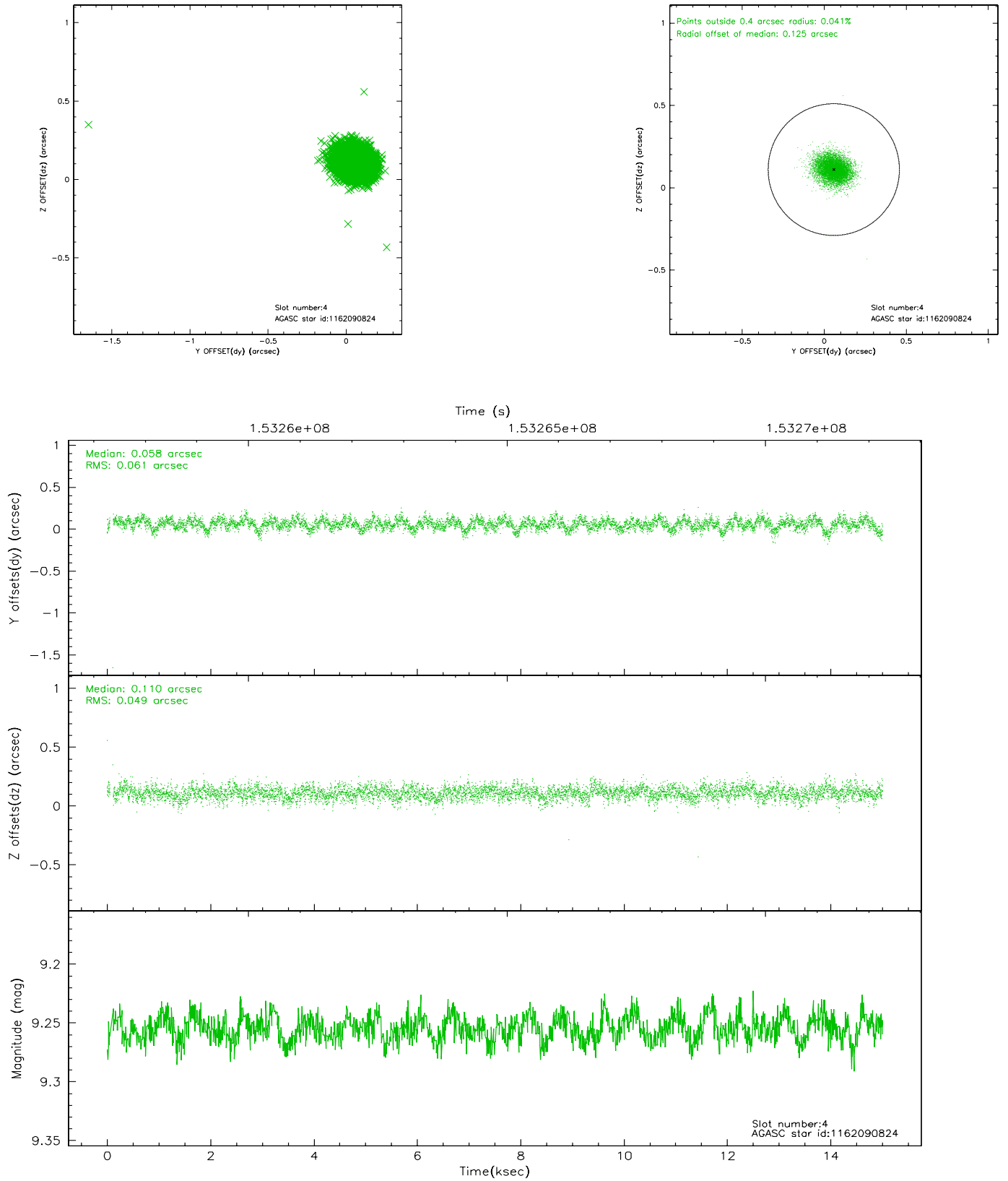
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	3645	-0.042	0.083	0.019	0.029	0.000000	0.000000	937.50	-831.33
1	FID	ACIS-I-5	7.24	3644	-0.008	0.032	0.012	0.019	0.000000	0.000000	-1810.38	1065.98
2	FID	ACIS-I-6	7.26	3646	-0.042	-0.045	0.010	0.017	0.000000	0.000000	402.75	1710.73
3	GUIDE	1162087624	8.80	7293	0.041	0.061	0.078	0.124	48.473273	-67.184779	-1759.81	-1799.99
4	GUIDE	1162090824	9.25	7294	0.058	0.110	0.080	0.130	48.677982	-66.885202	-1269.25	-797.81
5	GUIDE	1162094224	9.69	7288	0.039	0.063	0.112	0.183	49.638584	-66.701903	198.98	-427.95
6	GUIDE	1162088248	7.59	7293	-0.131	-0.237	0.079	0.126	49.751966	-65.888113	978.31	2400.69
7	MONITOR		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

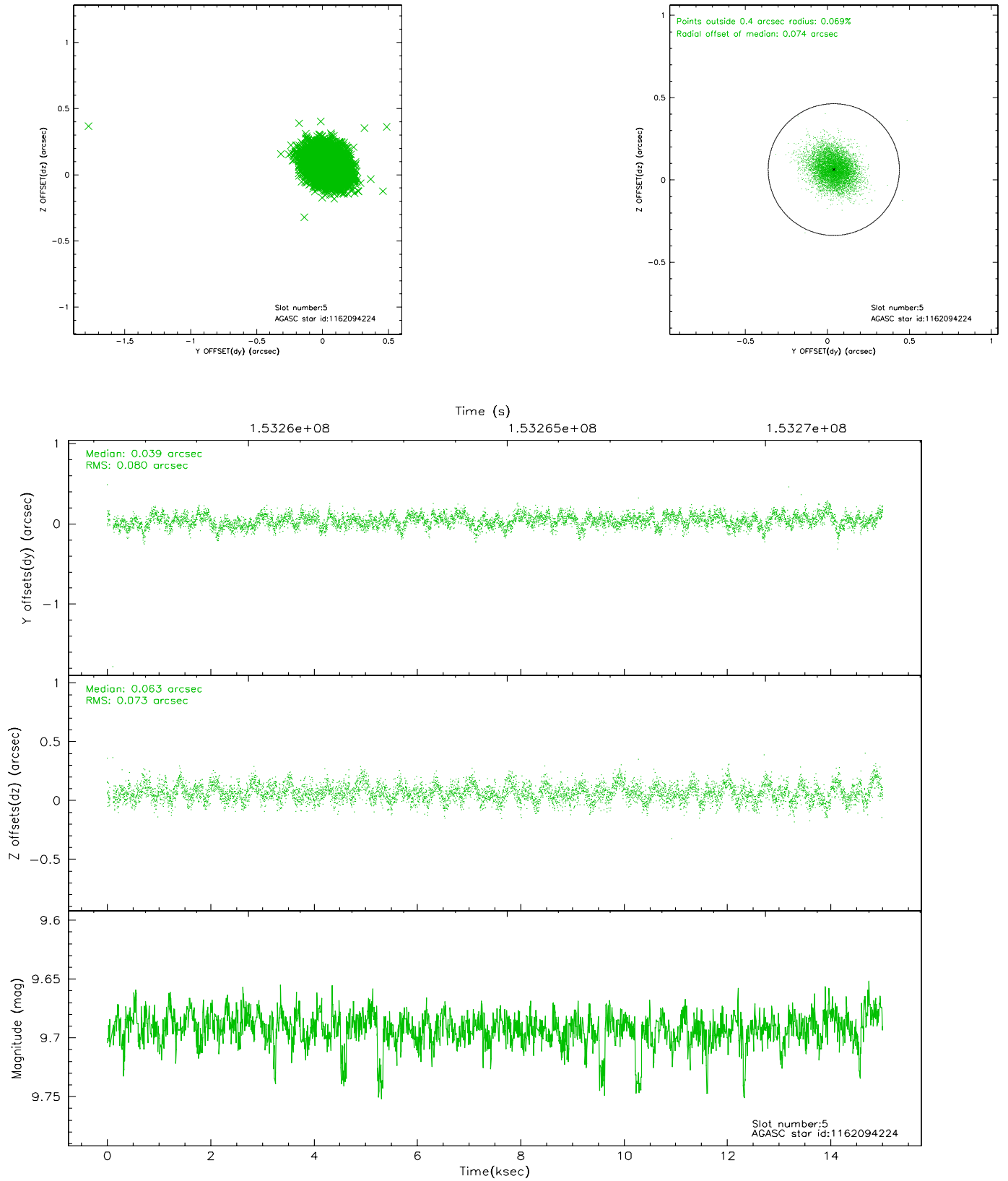
2.4.1 Slot 3



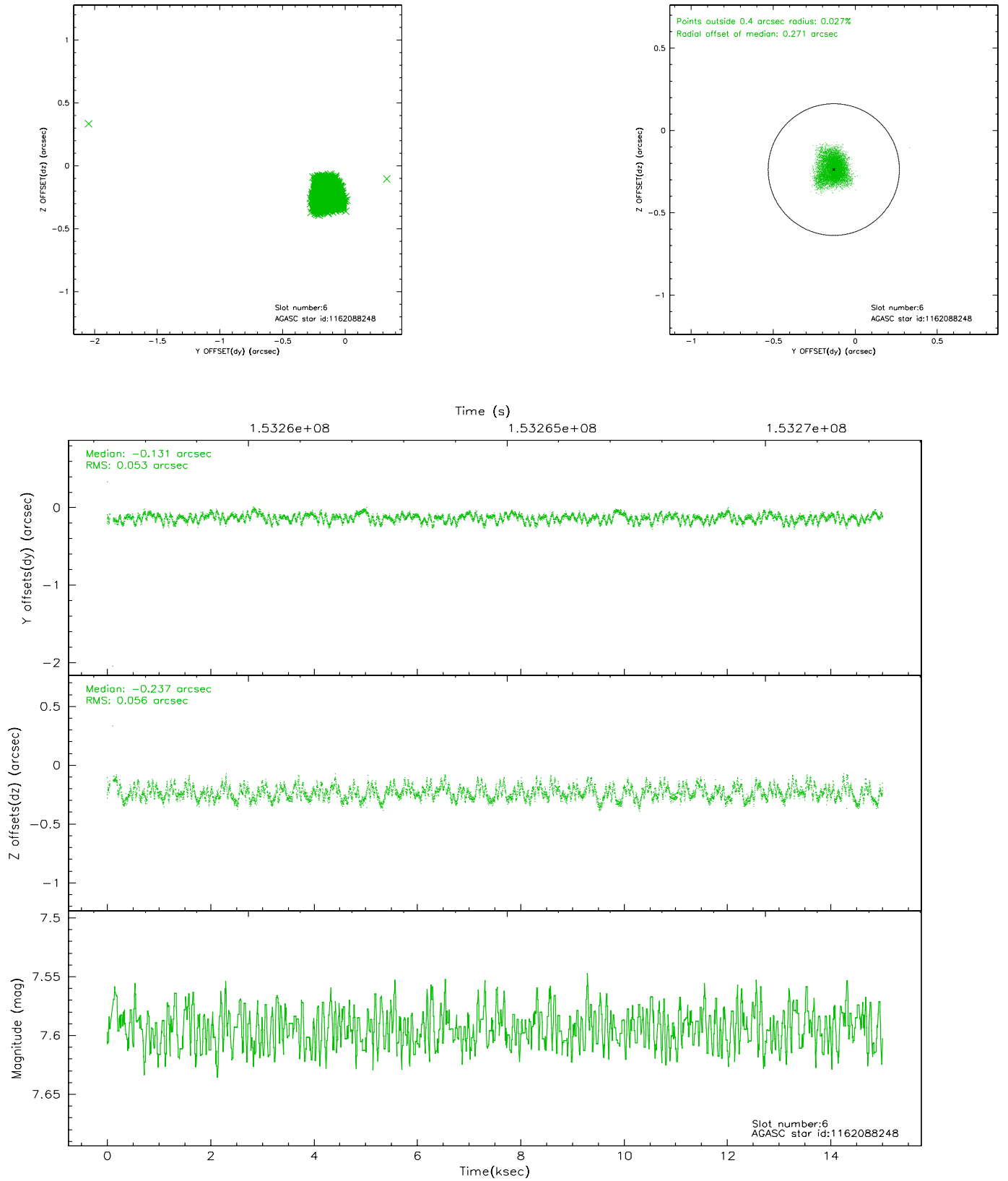
2.4.2 Slot 4



2.4.3 Slot 5

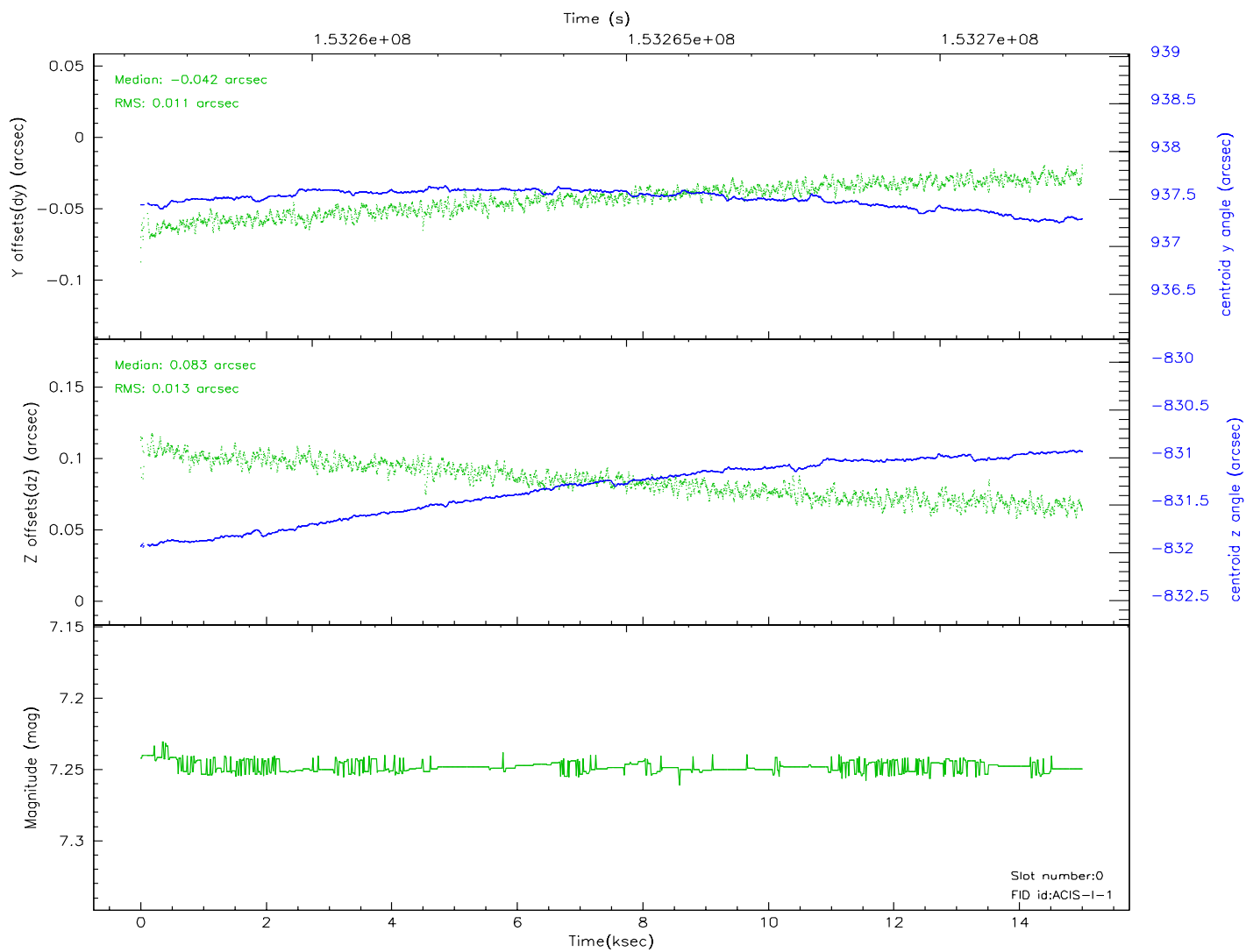
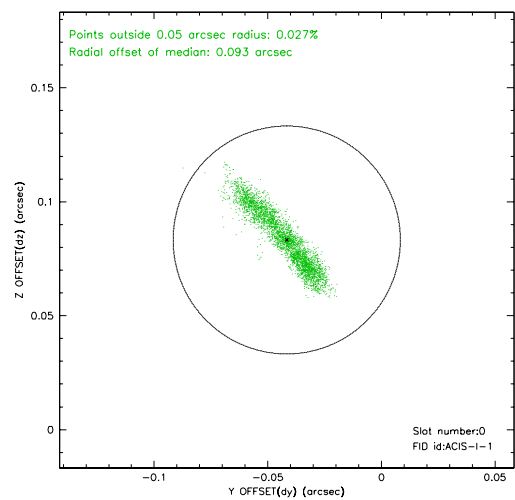
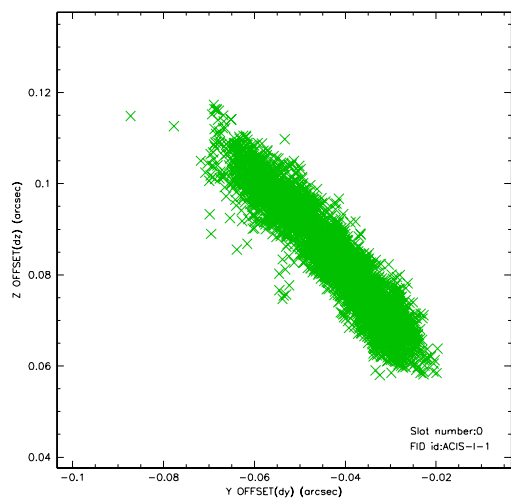


2.4.4 Slot 6

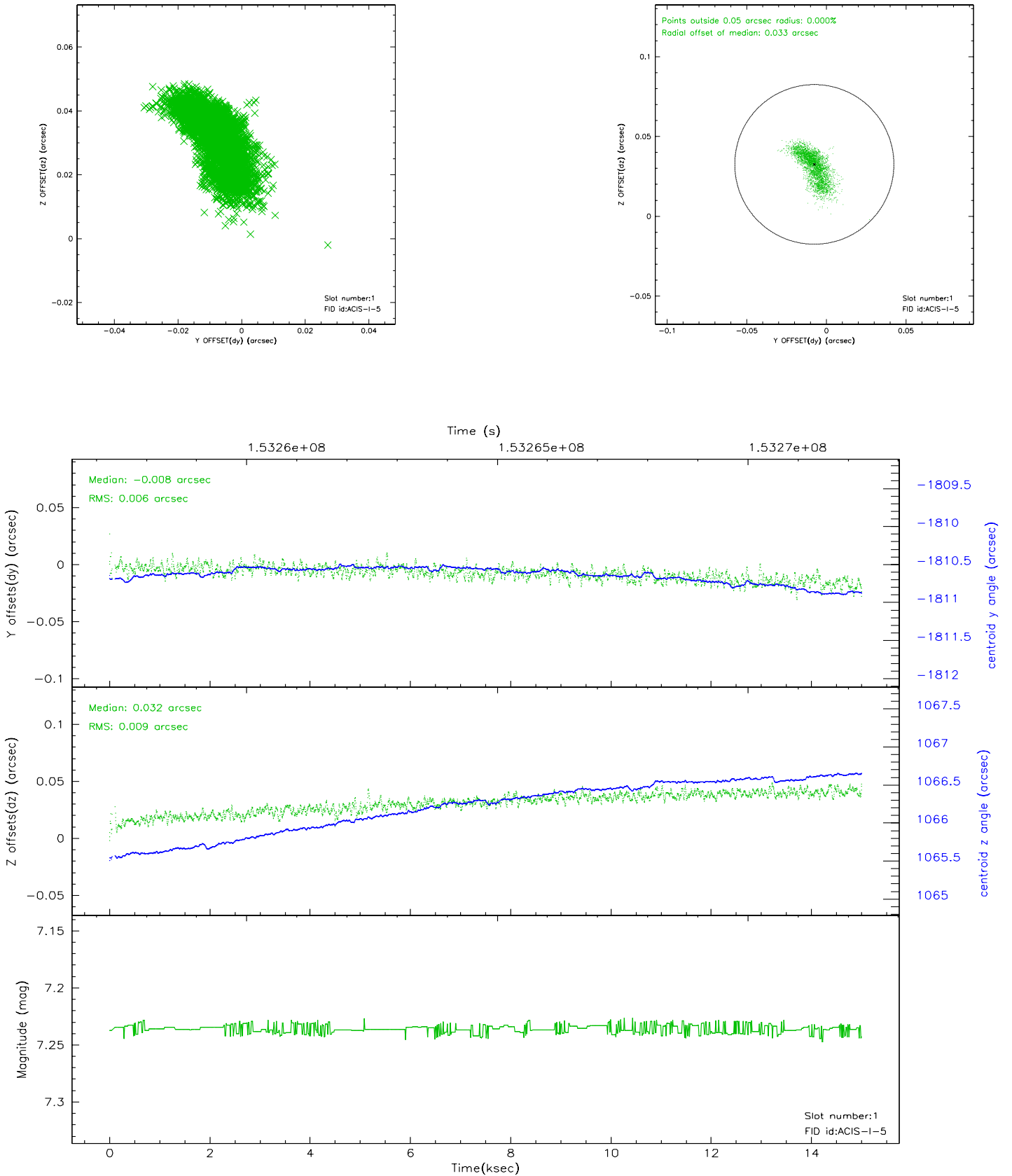


2.5 FID Slots

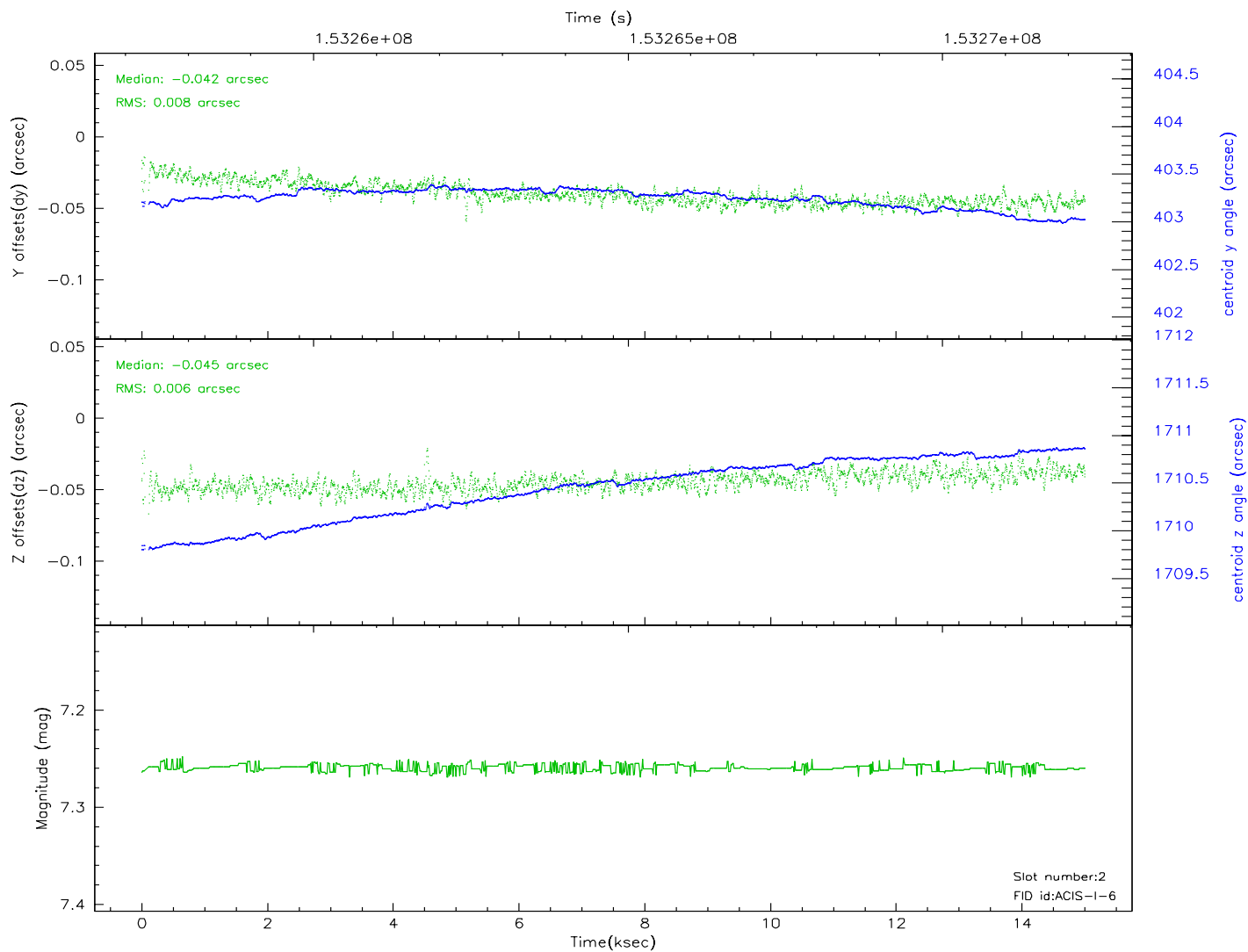
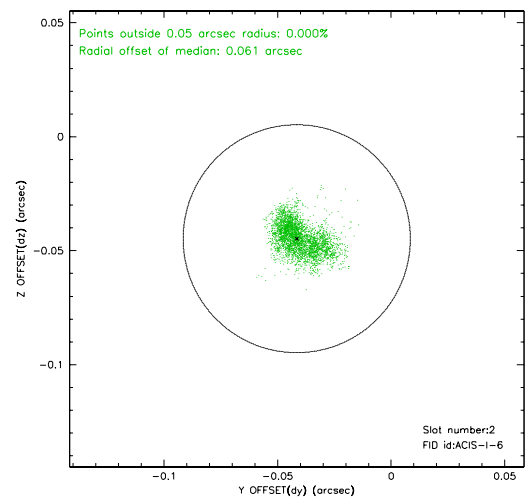
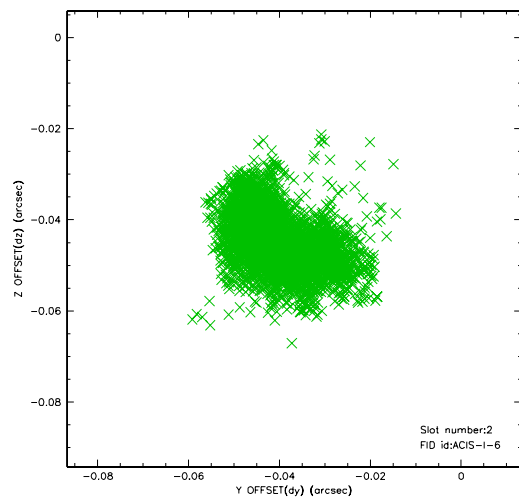
2.5.1 Slot 0



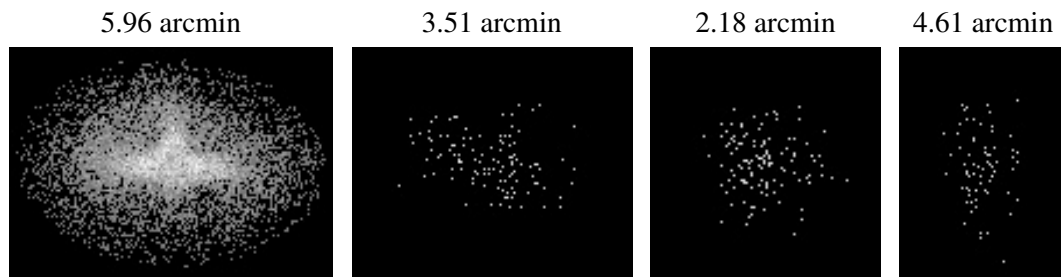
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.761

A.2 Comments

Monitoring observation.