

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3908 - L2 Version 001
Chandra X-Ray Center

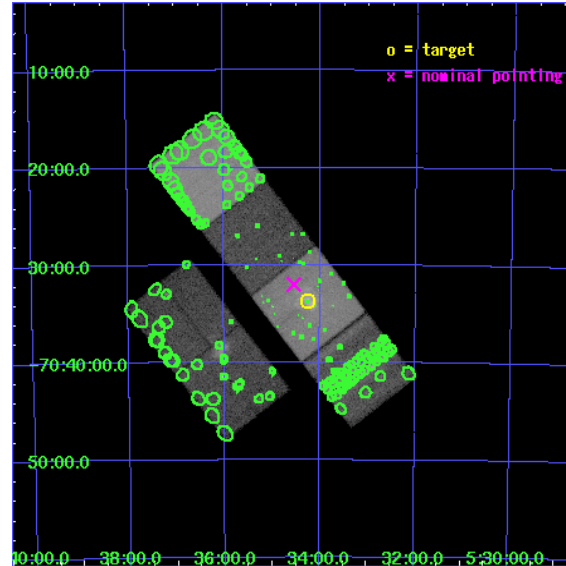
L2 Processing Date : Jun 29 2006

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1 Front

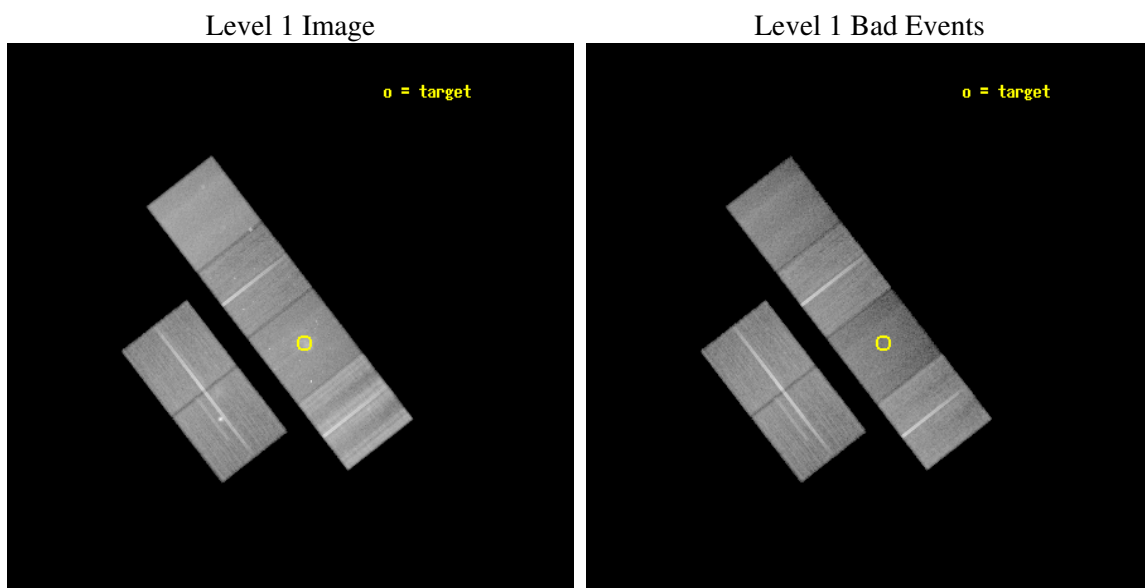
seq_num	500387
obs_id	3908
title	MODERATELY-SIZED, MIDDLE-AGED SUPERNOVA REMNANTS IN MAGELLANIC CLOUDS: AN UNEXPLORED POPULATION
observer	Dr Kazimierz Borkowski
object	SNR DEM L238
dtcycle	0
cycle	P
ra_targ	83.5625
dec_targ	-70.561667
ra_nom	83.635471877958
dec_nom	-70.533273695545
roll_nom	52.18671405012
revision	2
ontime	59958.358806342
livetime	59199.129964547
ontime2	59951.876875848
ontime3	59951.876865864
ontime5	59955.117786288
ontime6	59945.394895494
ontime7	59958.358806342
ontime8	59958.358806342
l2events	505774



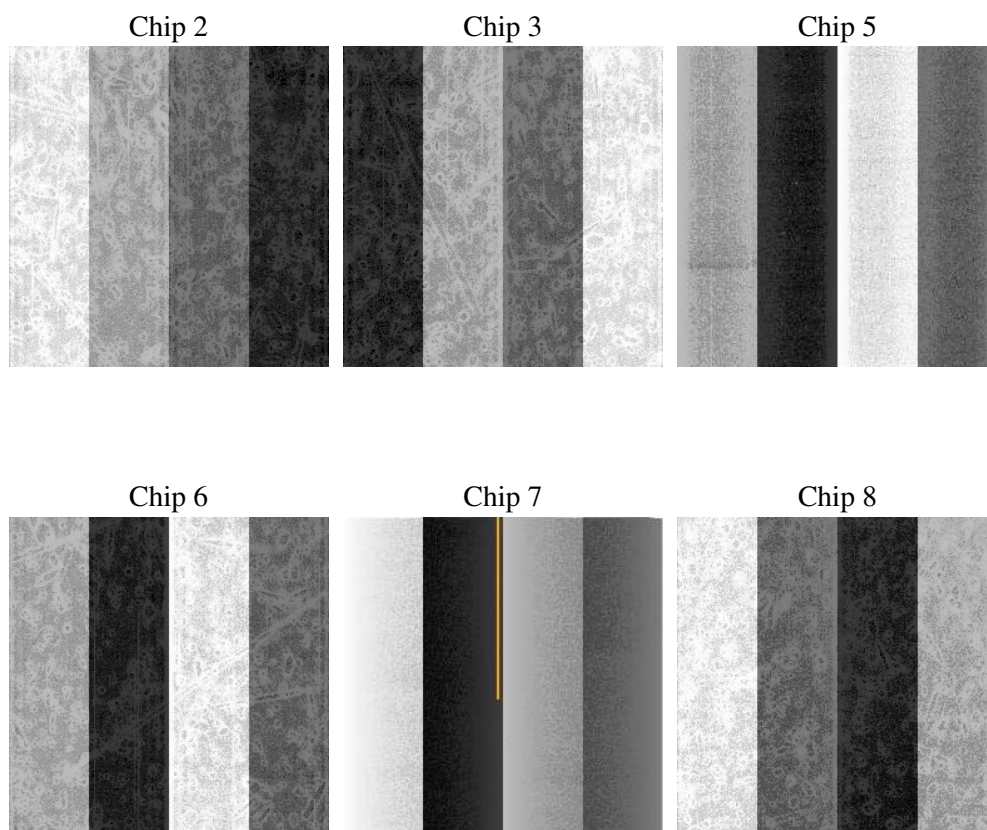
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-29T15:37:55
revision	2

sched_exp_time	60000.000000
ontime	59961.76450035
ontime2	59955.282569855
ontime3	59958.523569971
ontime5	59958.523480296
ontime6	59948.800589502
ontime7	59961.76450035
ontime8	59965.005510449
l1events	2019770

2.1.4 Events

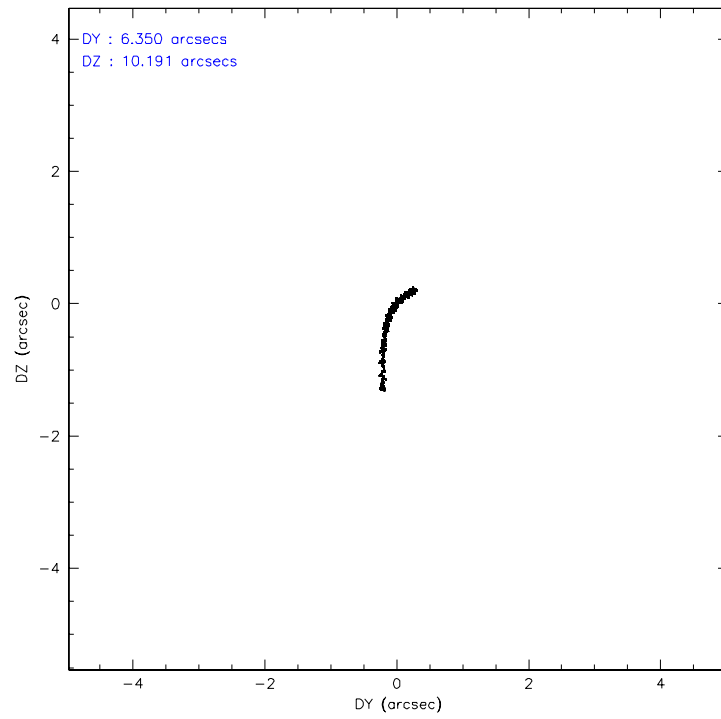
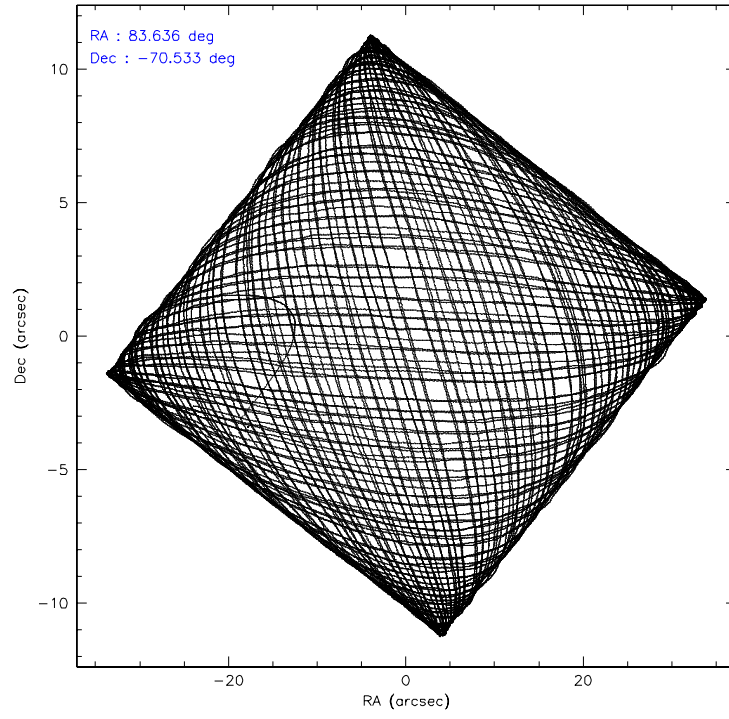
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	311167	297268	357333	297428	302055	454519
rejected events	271625	254949	170693	253920	142312	274211
rejected %	87%	85%	47%	85%	47%	60%

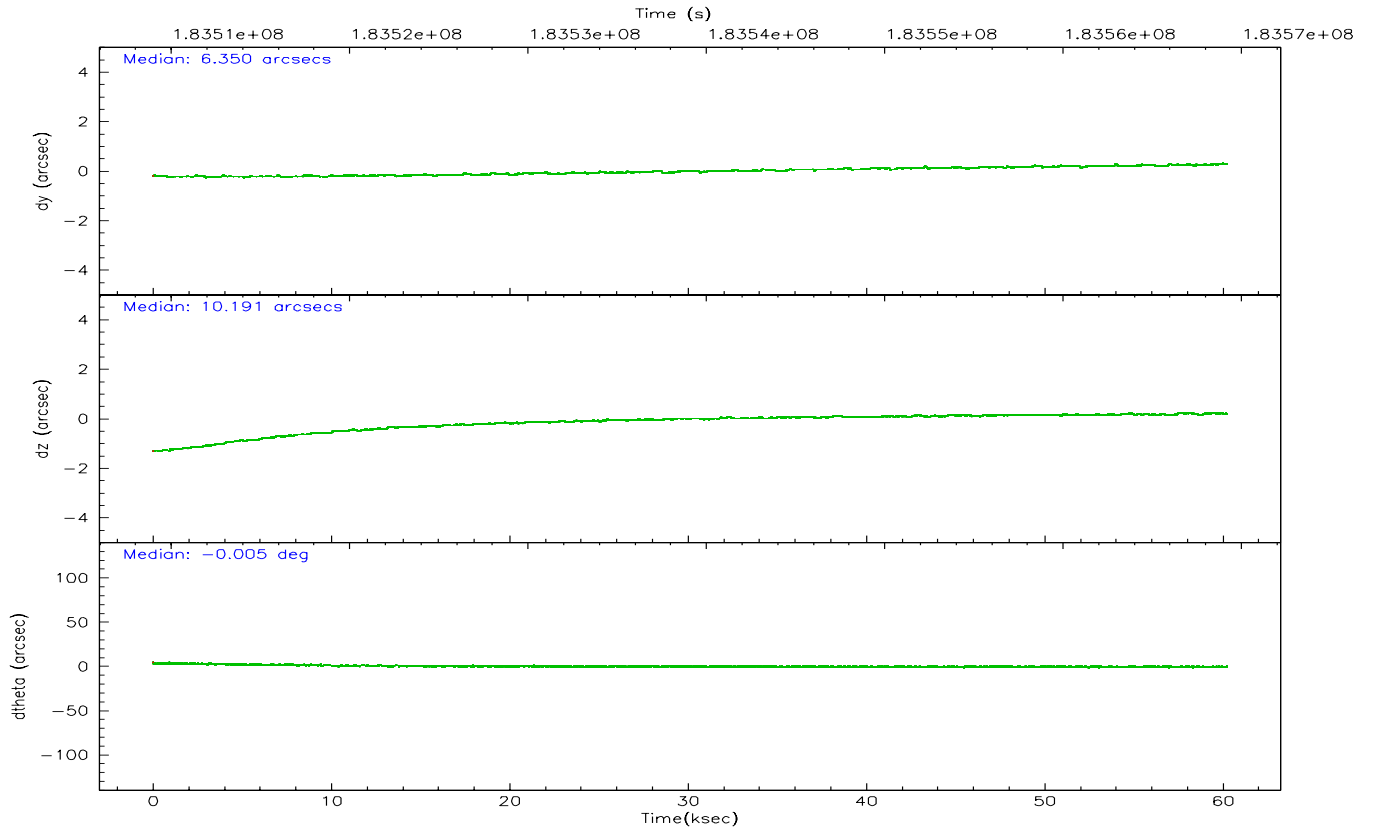
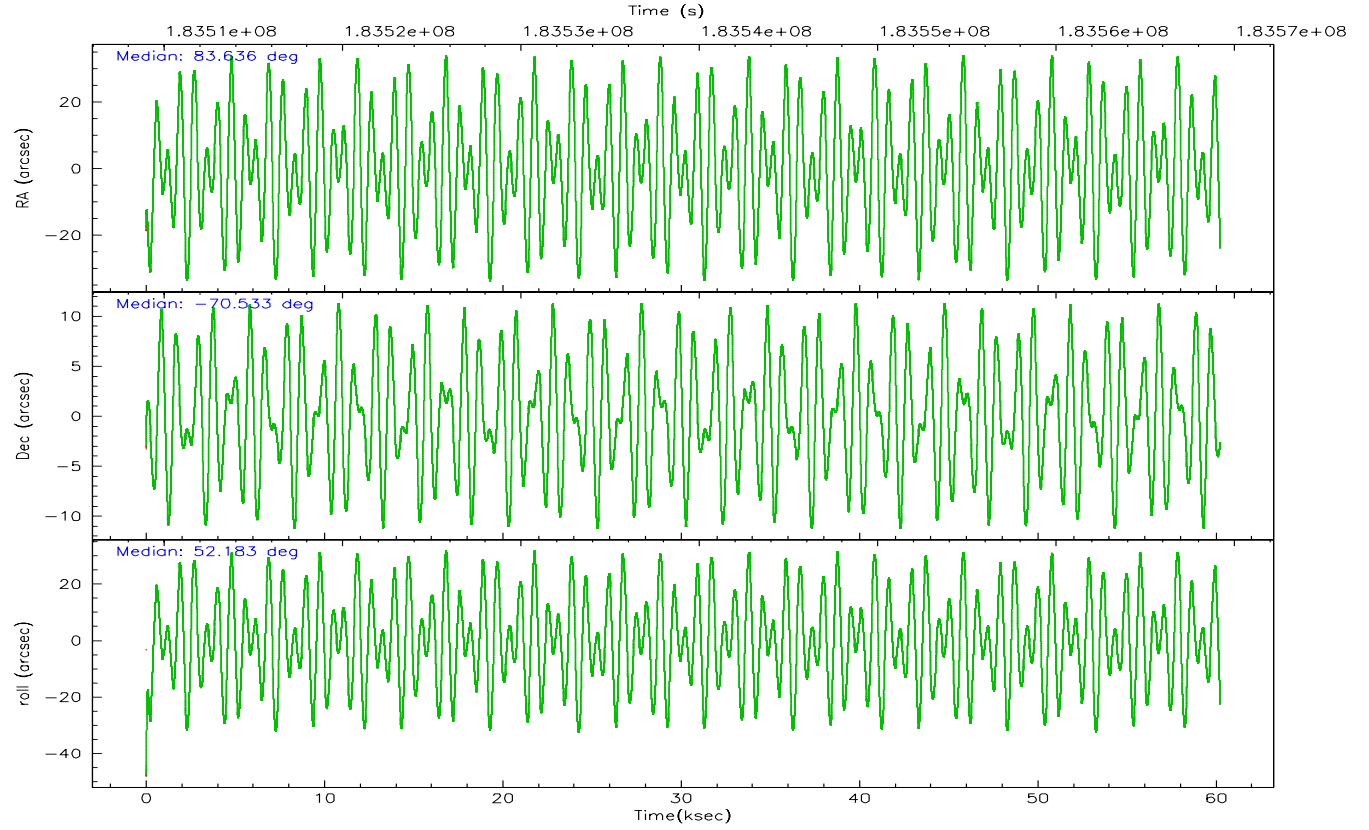
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	18559	22536	12218	21581	17164	65103
	5%	7%	3%	7%	5%	14%
grade 1 events	205	194	164	165	160	531
	0%	0%	0%	0%	0%	0%
grade 2 events	8072	7184	60711	7923	40777	25887
	2%	2%	16%	2%	13%	5%
grade 3 events	3347	3541	6762	3689	11473	29359
	1%	1%	1%	1%	3%	6%
grade 4 events	3907	3573	6345	3630	11132	26831
	1%	1%	1%	1%	3%	5%
grade 5 events	8009	9022	19388	9497	21682	14647
	2%	3%	5%	3%	7%	3%
grade 6 events	5658	5491	100642	6685	79204	33143
	1%	1%	28%	2%	26%	7%
grade 7 events	263410	245727	151103	244258	120463	259018
	84%	82%	42%	82%	39%	56%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	83.625483	83.63547187795757	Alternating exposures requested	N	N
Pointing Dec	-70.560278	-70.53327369554478	Primary exposure time	0.000000	3.2
Pointing Roll	52.020677	52.18671405011985			
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	183509201.184000	183508211.25925			
Observation start date	2003-10-25T22:45:37	2003-10-25T22:30:11			
Observation end time	183569201.184000	183569799.9244			
Observation end date	2003-10-26T15:25:37	2003-10-26T15:36:39			
Read mode	TIMED	TIMED			

2.3 Aspect



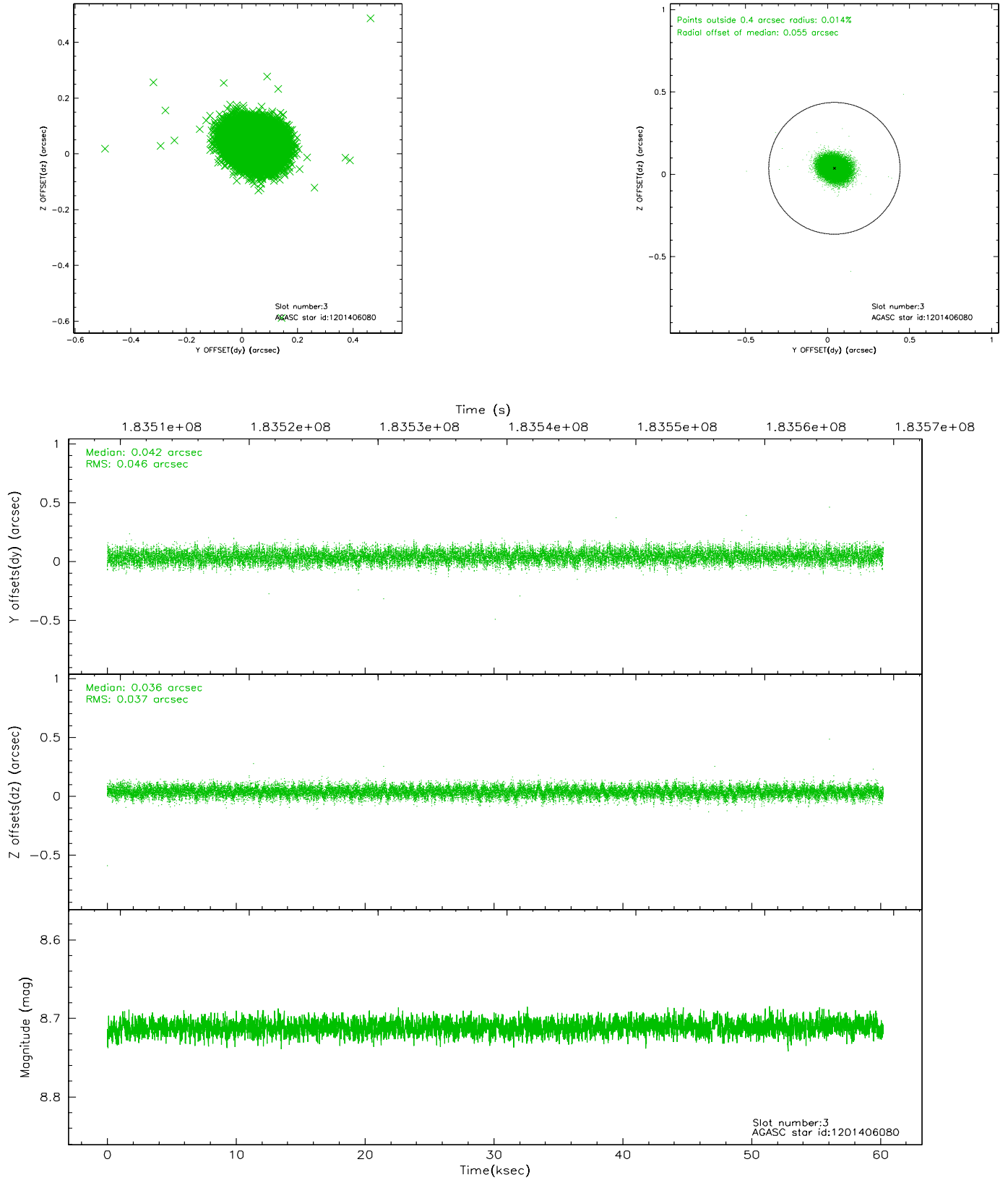


Slot Statistics

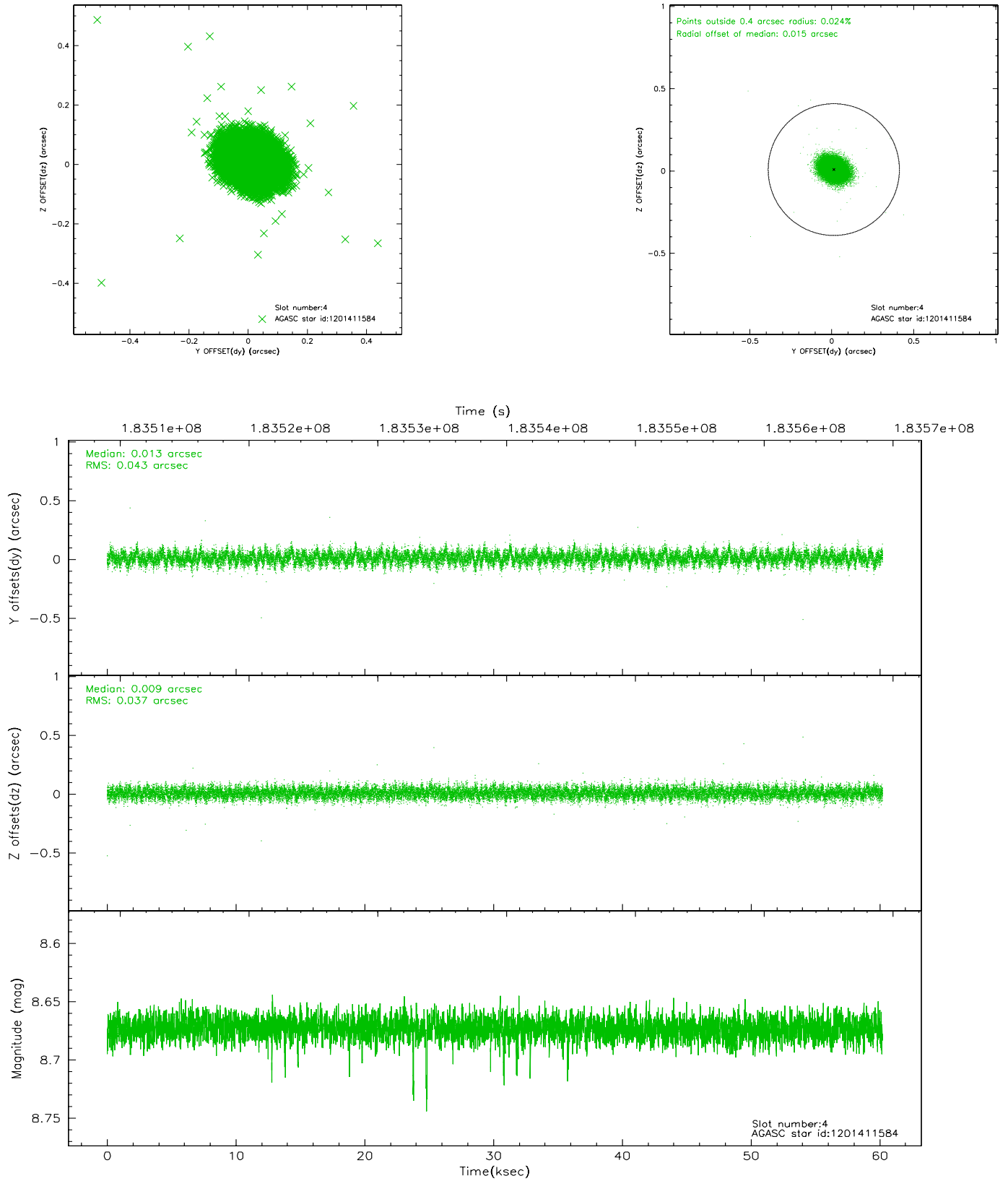
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	14686	-0.050	0.002	0.008	0.021	0.000000	0.000000	-759.10	-1731.29
1	FID	ACIS-S-4	7.20	14685	0.033	0.023	0.005	0.010	0.000000	0.000000	2154.25	177.30
2	FID	ACIS-S-5	7.23	14686	-0.015	-0.017	0.008	0.020	0.000000	0.000000	-1811.99	170.83
3	GUIDE	1201406080	8.71	29369	0.042	0.036	0.062	0.101	82.112058	-70.898600	-2073.82	642.57
4	GUIDE	1201411584	8.67	29363	0.013	0.009	0.060	0.098	82.566337	-70.829597	-1543.25	383.64
5	GUIDE	1201539448	8.94	29360	-0.005	0.033	0.080	0.129	85.635707	-70.382152	1969.02	-1544.66
6	GUIDE	1201406184	7.92	29371	-0.042	-0.089	0.065	0.099	82.503234	-69.975517	798.11	2378.11
7	GUIDE	1201542672	8.21	29368	-0.006	0.012	0.053	0.085	84.492488	-69.957531	2363.40	488.11

2.4 Star Slots

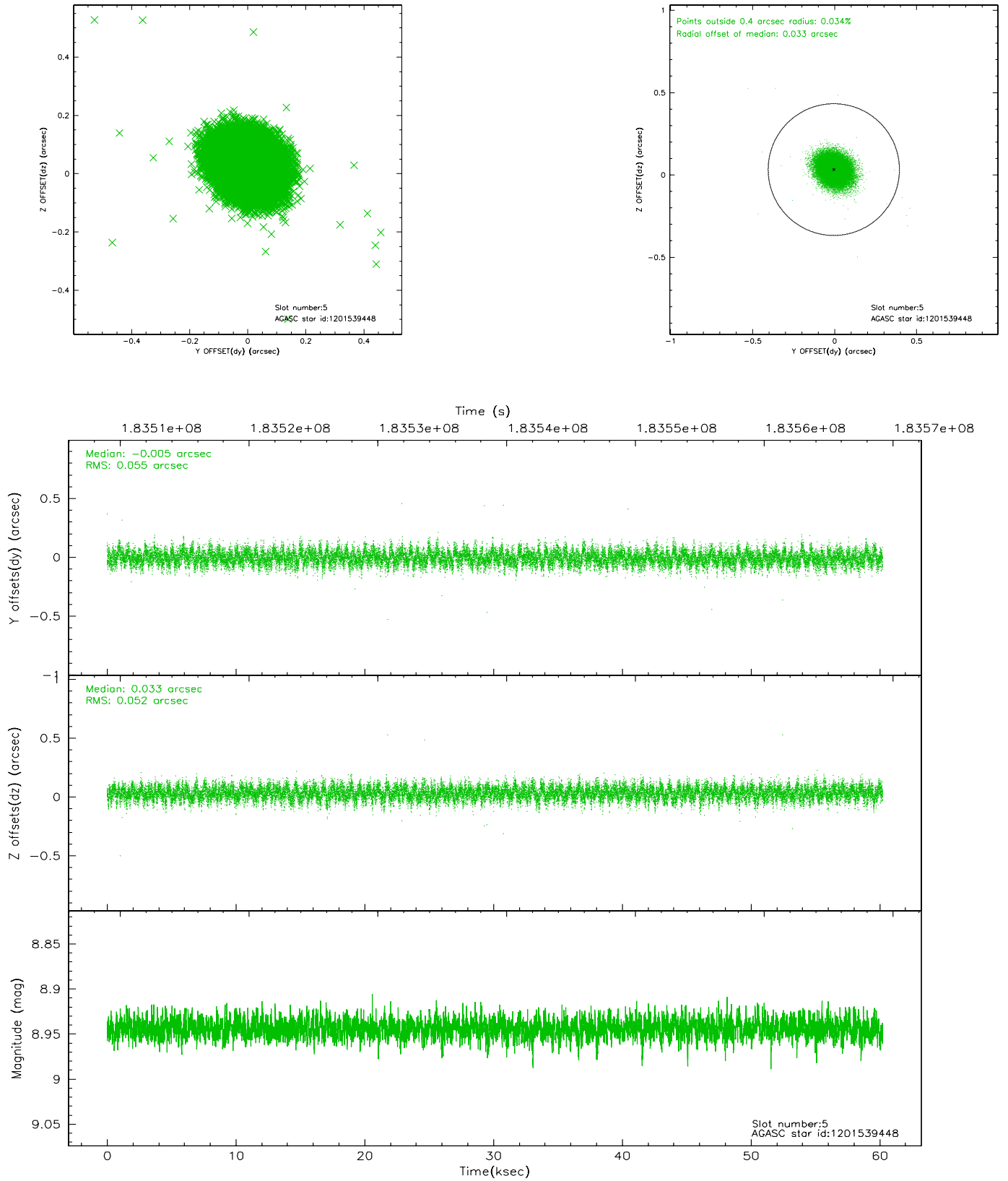
2.4.1 Slot 3



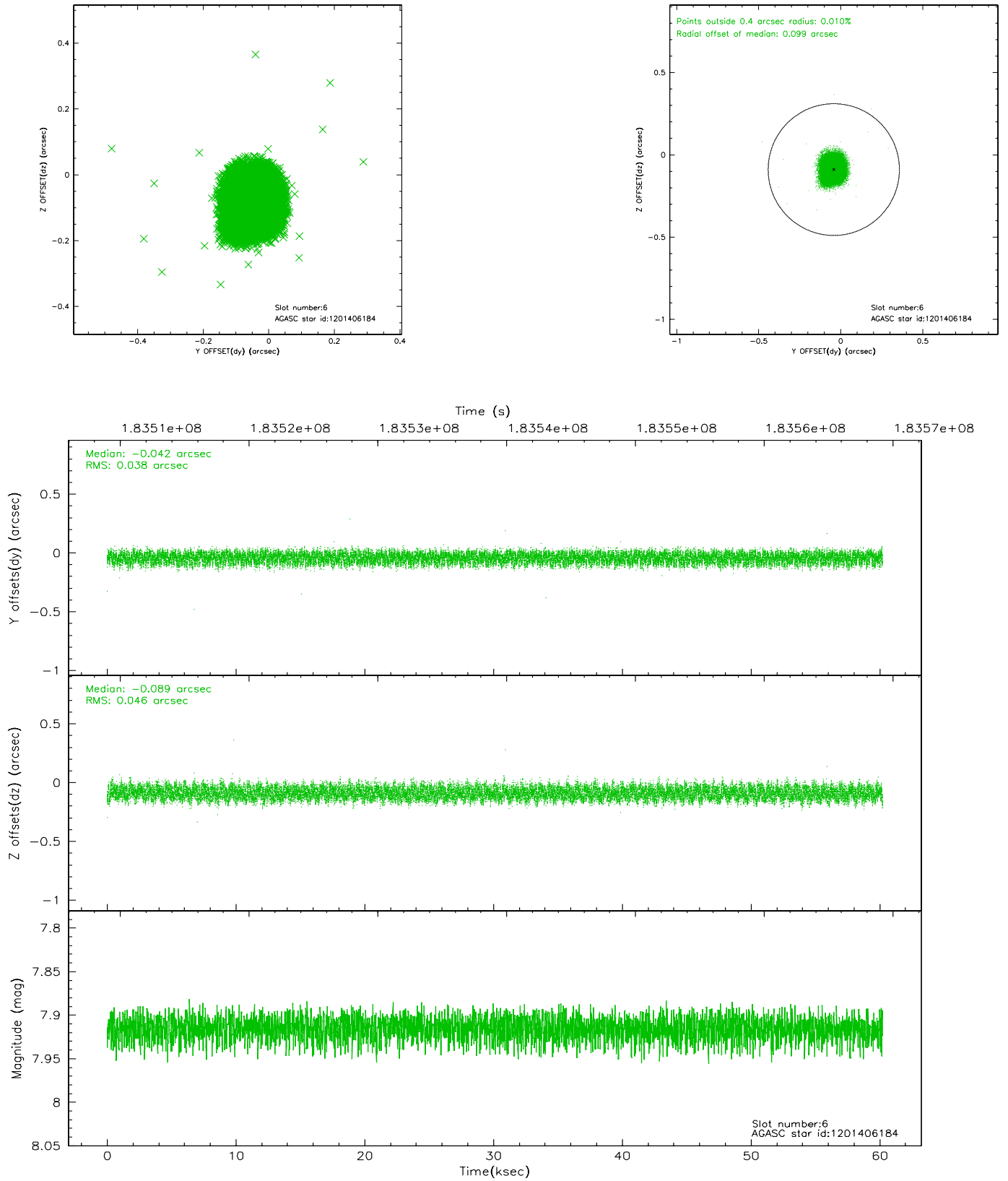
2.4.2 Slot 4



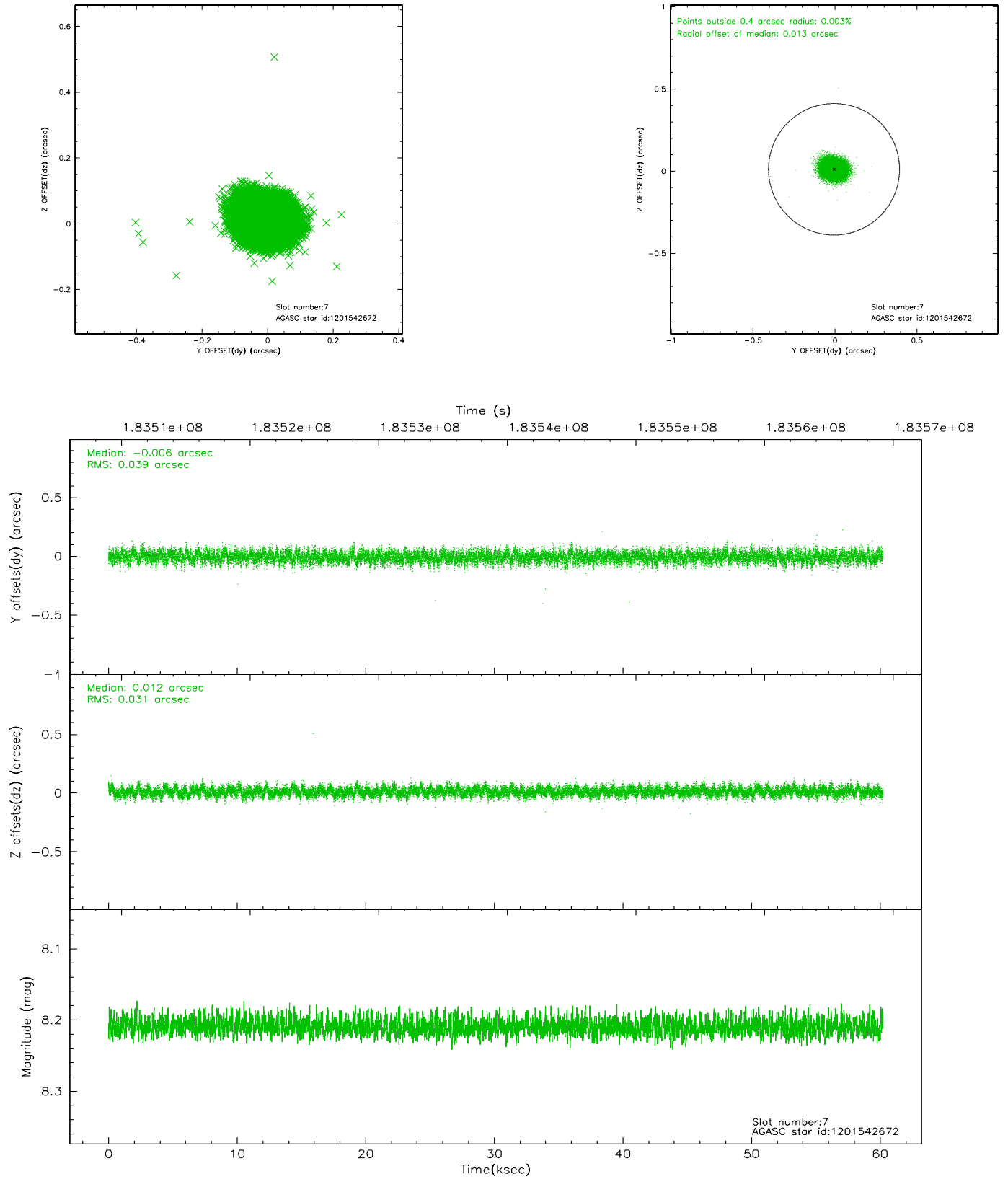
2.4.3 Slot 5



2.4.4 Slot 6

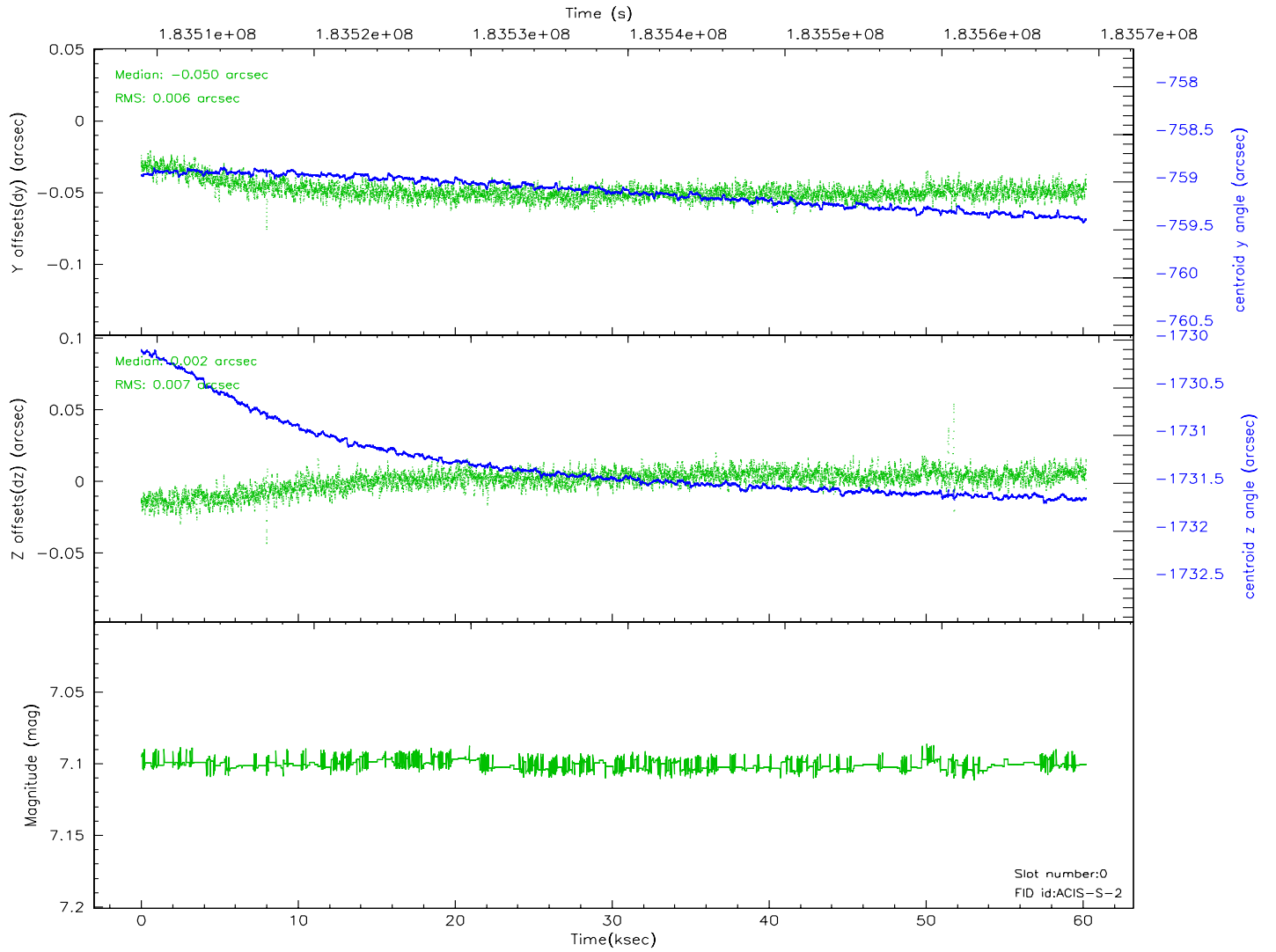
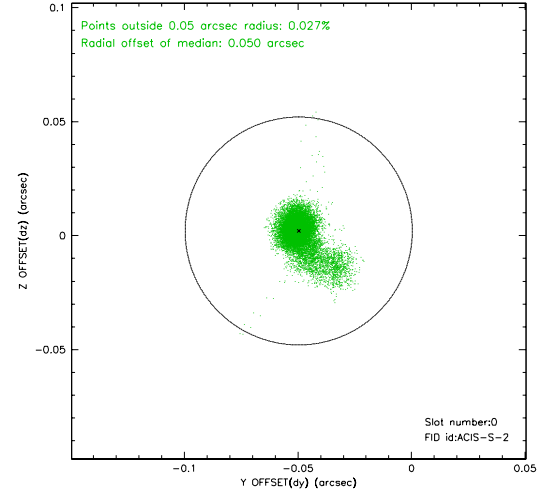
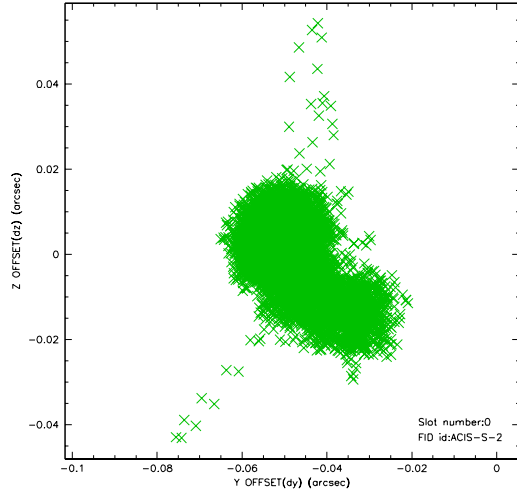


2.4.5 Slot 7

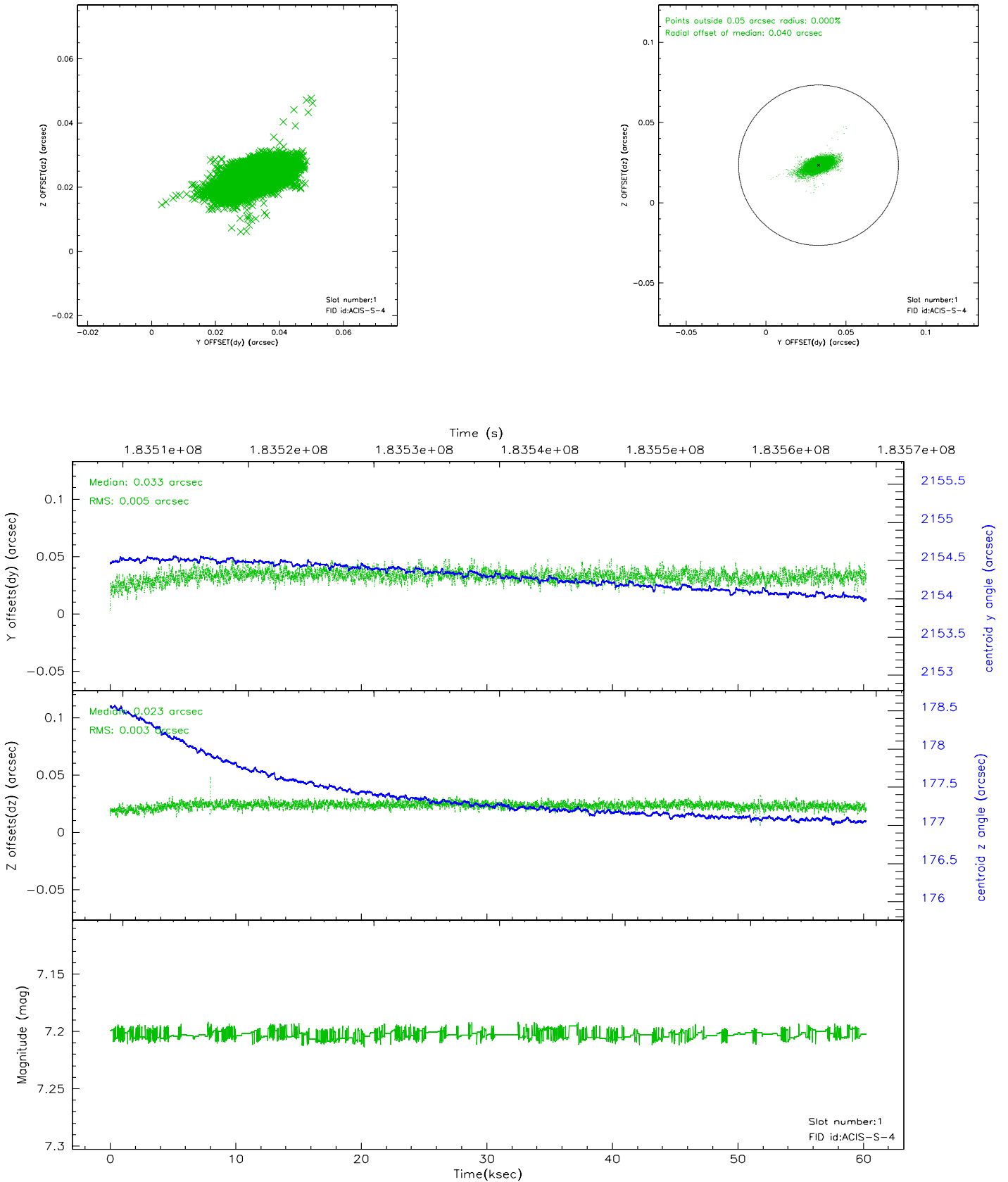


2.5 FID Slots

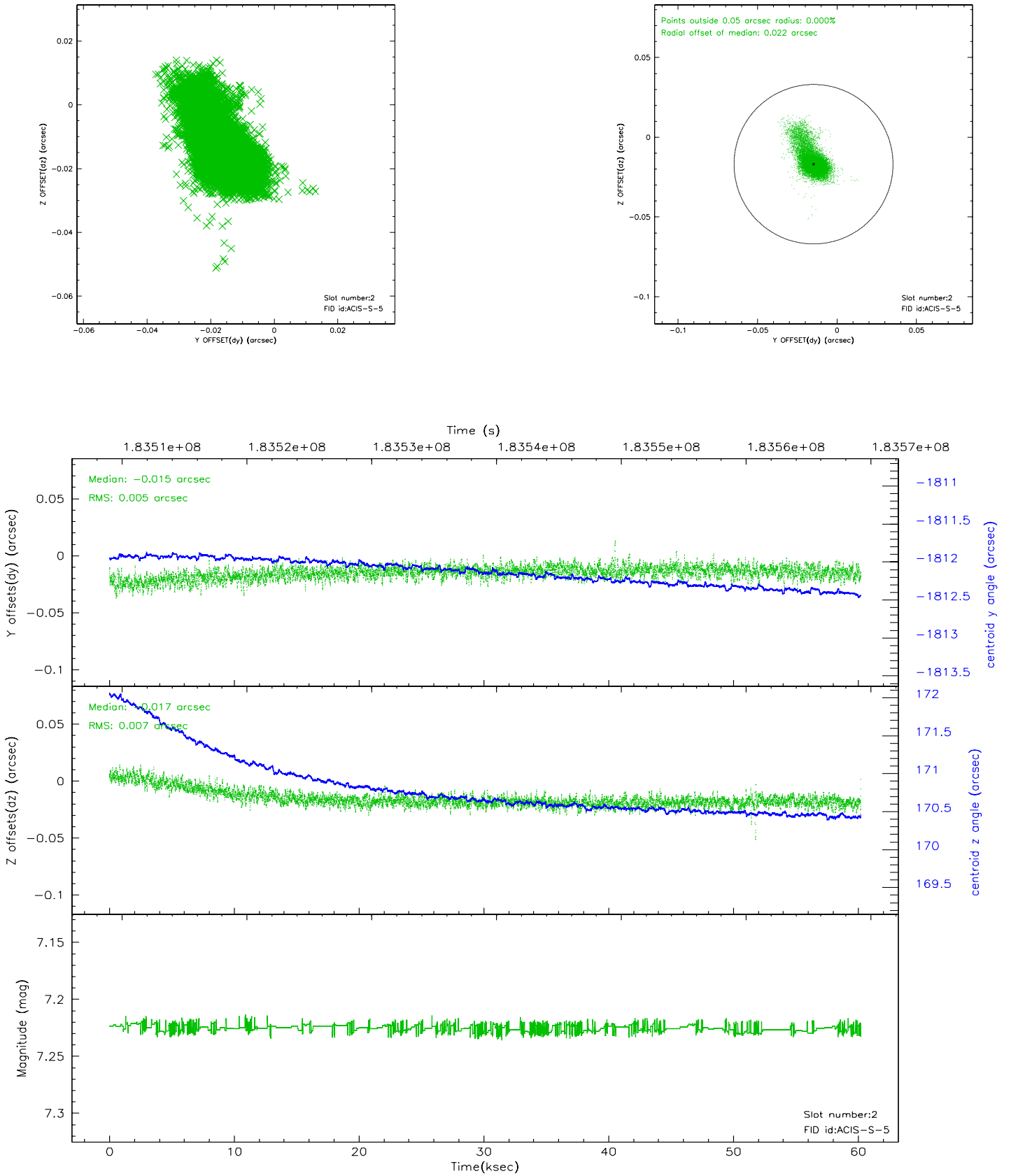
2.5.1 Slot 0



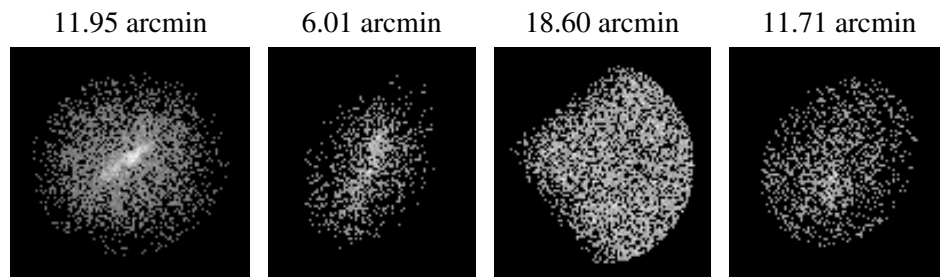
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.958

A.2 Comments