

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3562 - L2 Version 001
Chandra X-Ray Center

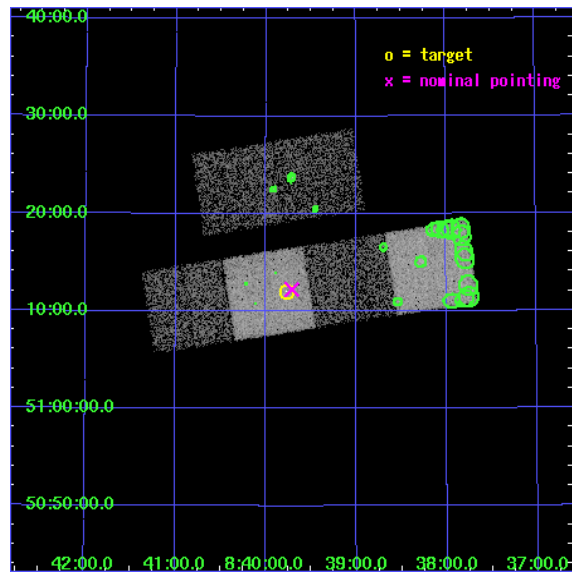
L2 Processing Date : Jul 19 2006

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1 Front

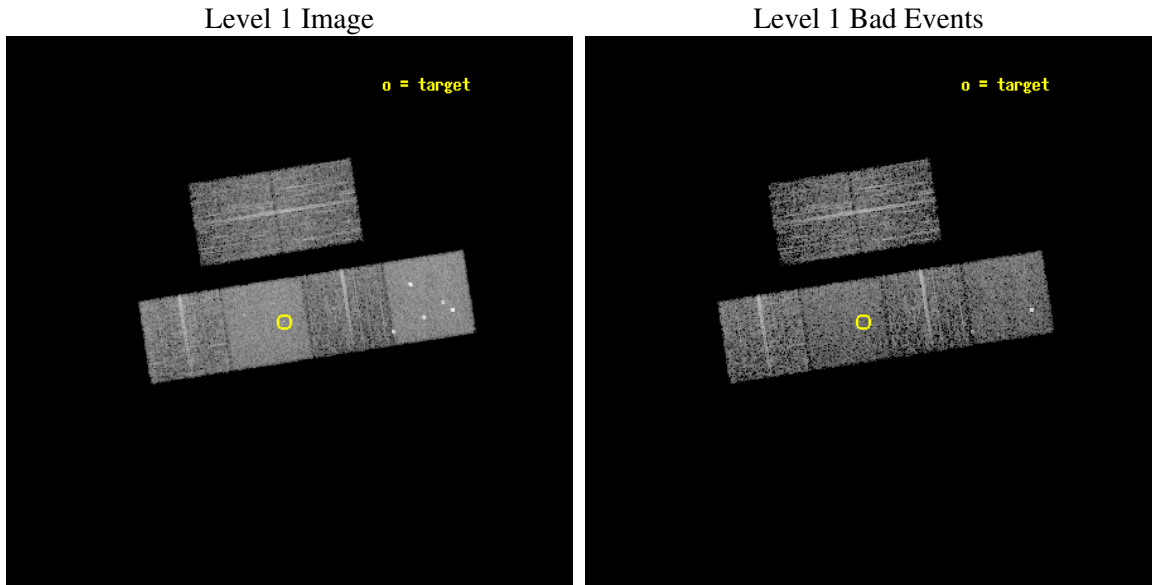
seq_num	700624
obs_id	3562
title	A CHANDRA SURVEY OF LUMINOUS, RADIO-DETECTED QUASARS AT $Z > 4$
observer	Professor Gordon Garmire
object	SDSS083946.22+511202.8
dtcycle	0
cycle	P
ra_targ	129.9425
dec_targ	51.200778
ra_nom	129.92809833547
dec_nom	51.203954264925
roll_nom	171.06267225965
revision	2
ontime	4959.9999815226
livetime	4897.1934752031
ontime2	4959.9999815226
ontime3	4959.9999815226
ontime5	4959.9999815226
ontime6	4959.9999815226
ontime7	4959.9999815226
ontime8	4959.9999815226
l2events	63035



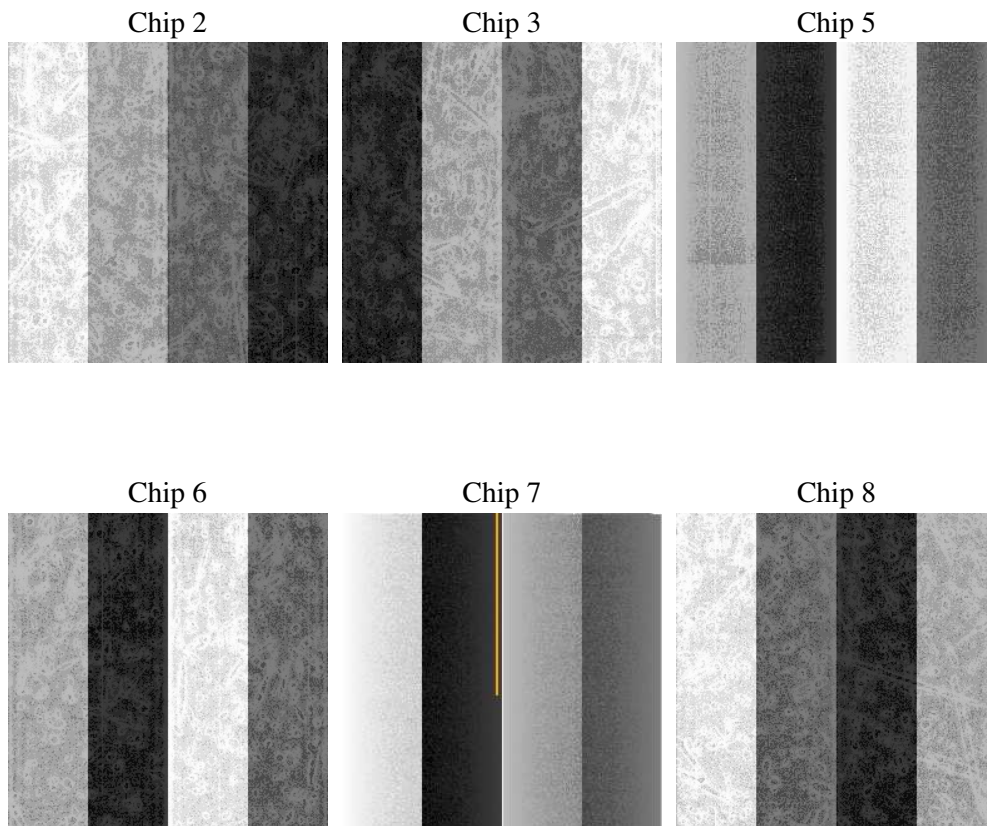
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-19T07:14:49
revision	2

sched_exp_time	5000.000000
ontime	4965.2240281701
ontime2	4965.2240182459
ontime3	4965.2240182459
ontime5	4965.2240281701
ontime6	4965.2240281701
ontime7	4965.2240281701
ontime8	4965.2240281701
l1events	241897

2.1.4 Events

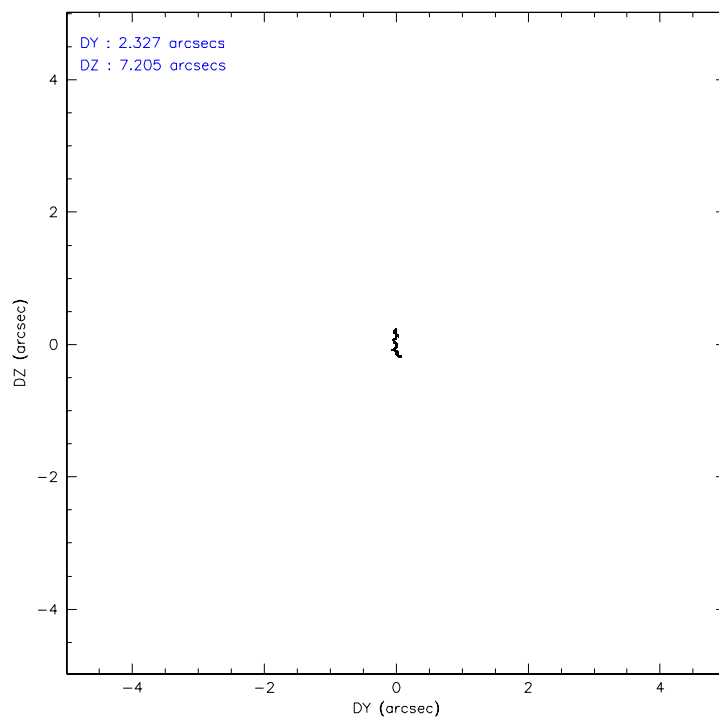
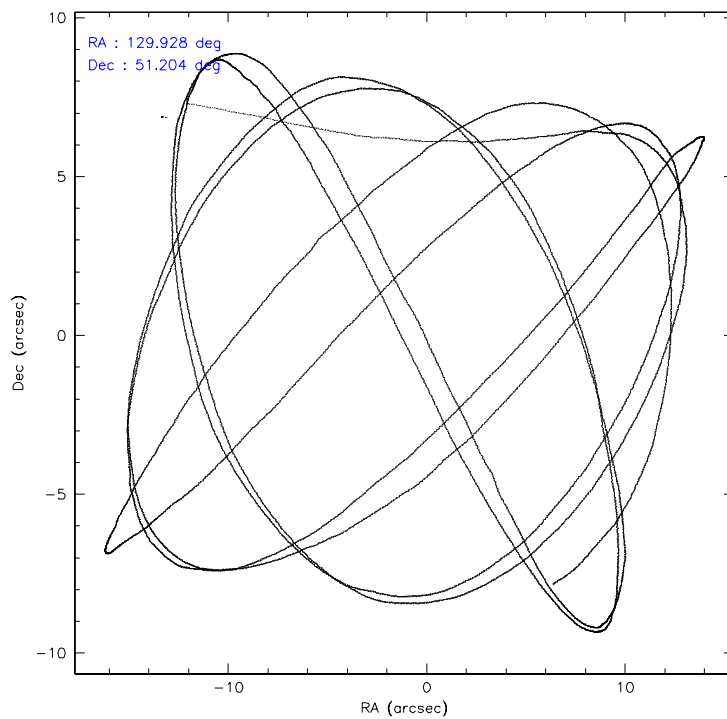
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	32570	30075	57761	32044	49657	39790
rejected events	28601	26292	28036	27594	26685	31303
rejected %	87%	87%	48%	86%	53%	78%

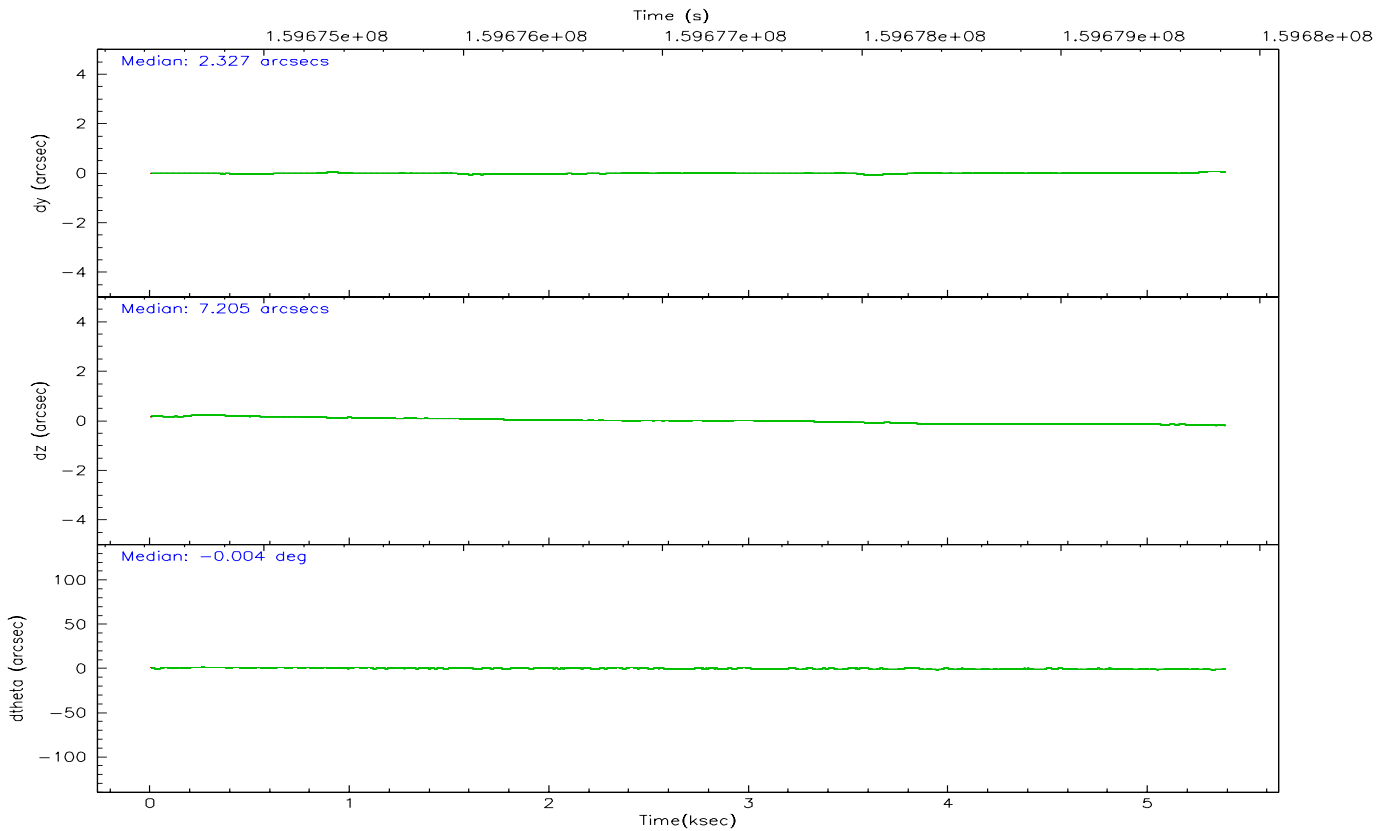
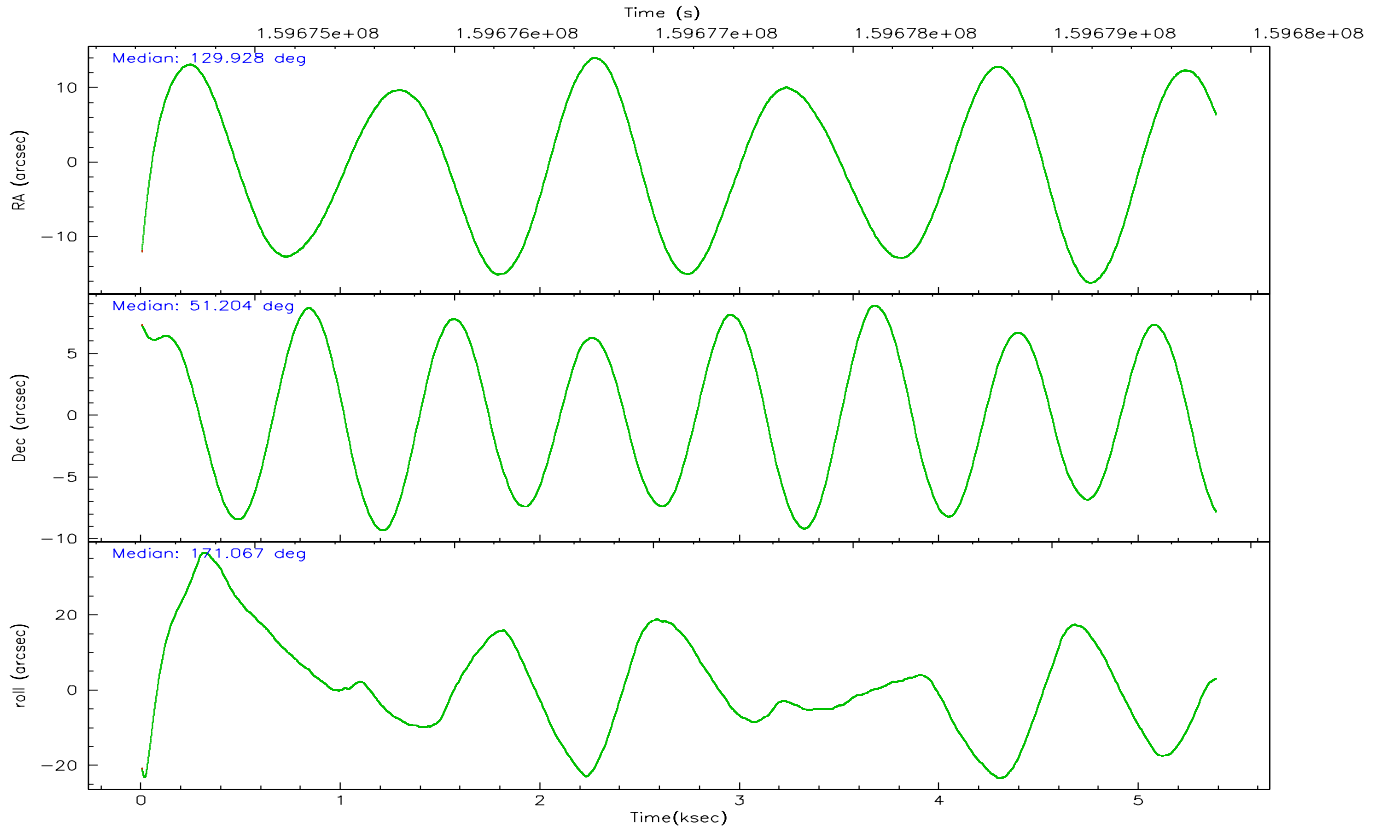
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1907	1811	4785	2091	1803	3110
	5%	6%	8%	6%	3%	7%
grade 1 events	16	16	125	19	26	28
	0%	0%	0%	0%	0%	0%
grade 2 events	805	694	8828	885	5350	1777
	2%	2%	15%	2%	10%	4%
grade 3 events	333	317	729	358	1226	824
	1%	1%	1%	1%	2%	2%
grade 4 events	342	361	752	353	1214	795
	1%	1%	1%	1%	2%	1%
grade 5 events	1160	1292	2318	1345	2857	1798
	3%	4%	4%	4%	5%	4%
grade 6 events	592	611	14656	771	13399	1984
	1%	2%	25%	2%	26%	4%
grade 7 events	27415	24973	25568	26222	23782	29474
	84%	83%	44%	81%	47%	74%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	129.968265	129.9280983354729	Alternating exposures requested	N	N
Pointing Dec	51.214064	51.20395426492549	Primary exposure time	0.000000	3.2
Pointing Roll	170.874911	171.0626722596509			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	159674824.184000	159673765.32207			
Observation start date	2003-01-23T02:06:00	2003-01-23T01:49:25			
Observation end time	159679824.184000	159680648.70986			
Observation end date	2003-01-23T03:29:20	2003-01-23T03:44:08			
Read mode	TIMED	TIMED			

2.3 Aspect



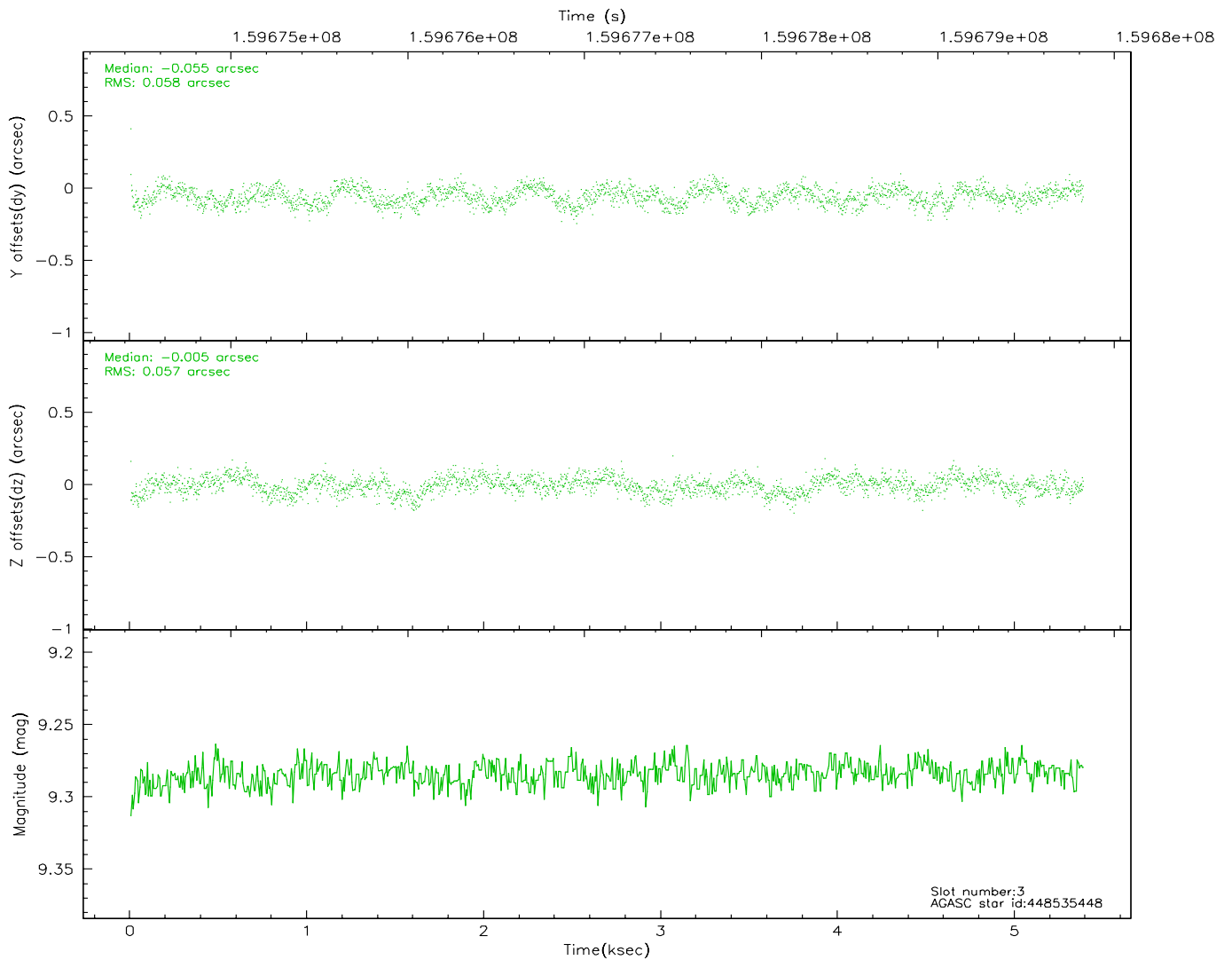
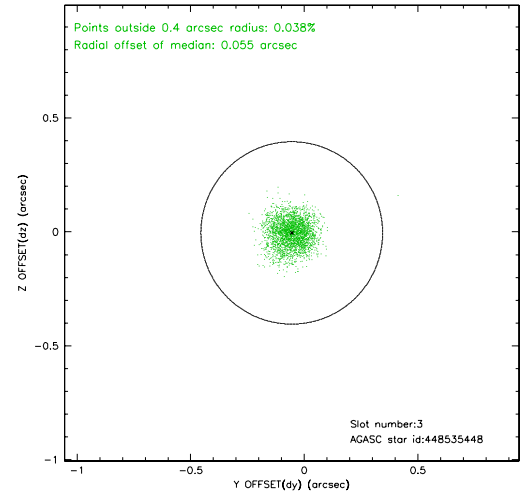
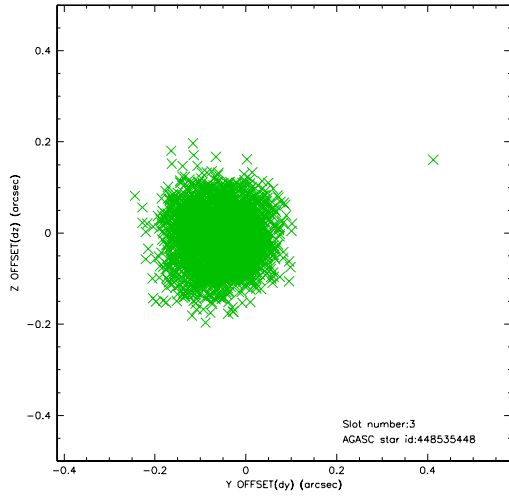


Slot Statistics

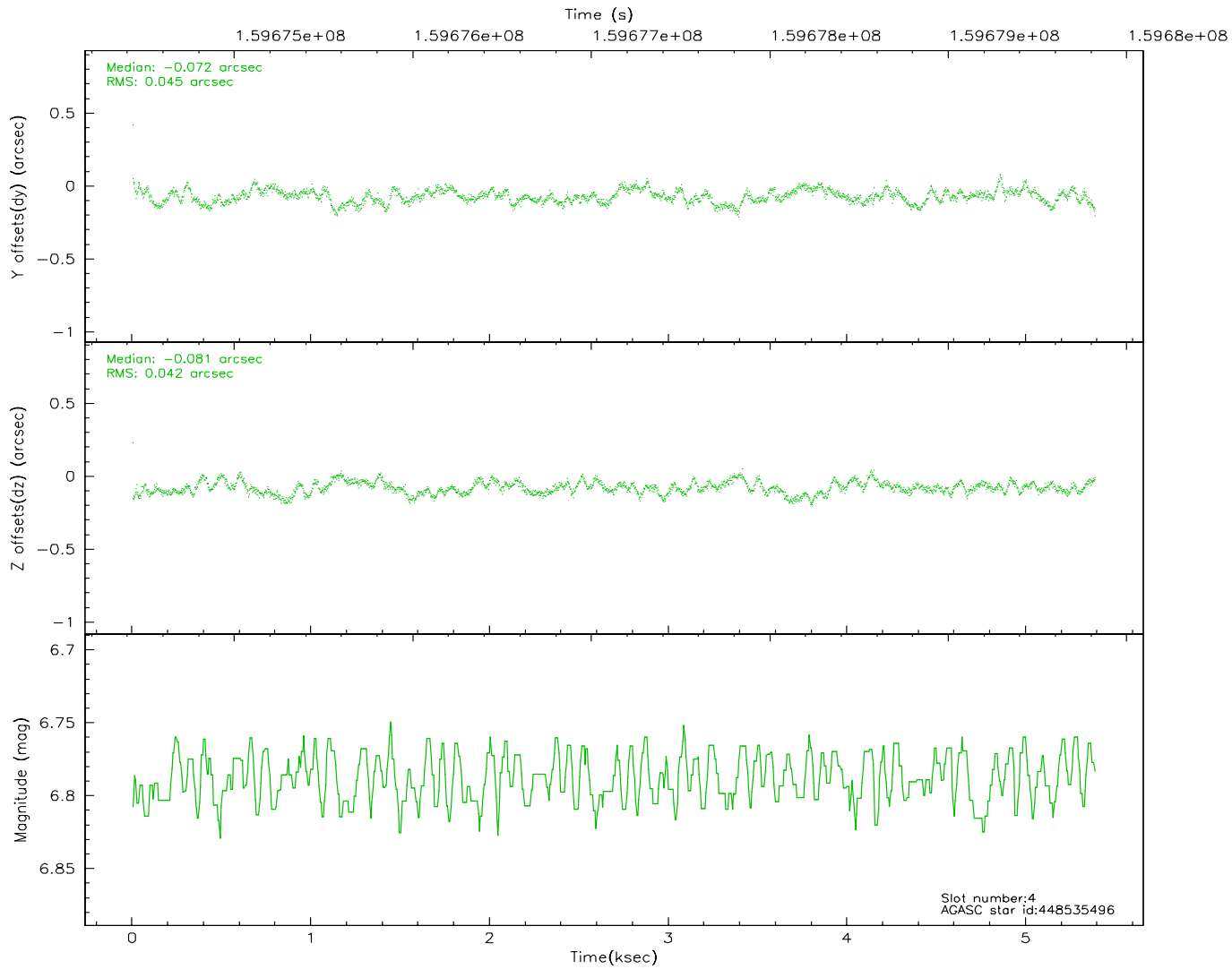
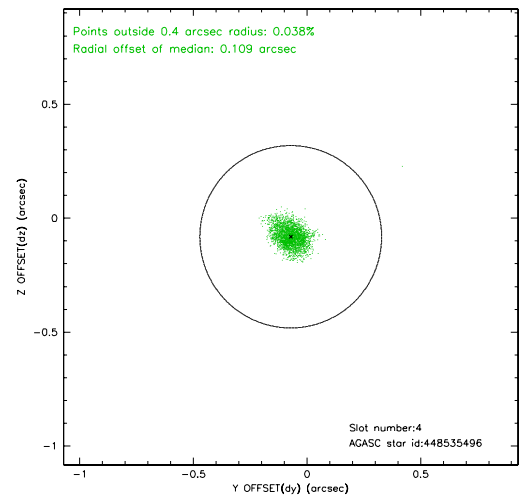
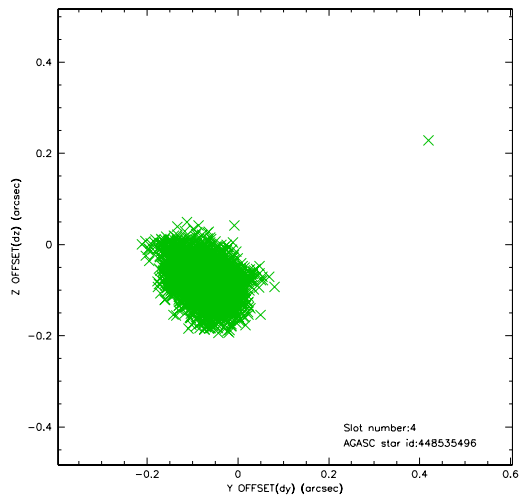
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1314	-0.012	0.026	0.007	0.012	0.000000	0.000000	-754.95	-1728.31
1	FID	ACIS-S-4	7.21	1314	-0.067	-0.001	0.006	0.011	0.000000	0.000000	2157.76	179.01
2	FID	ACIS-S-5	7.24	1314	0.049	-0.016	0.006	0.010	0.000000	0.000000	-1806.30	173.92
3	GUIDE	448535448	9.28	2626	-0.055	-0.005	0.088	0.137	130.912711	51.395194	-1988.61	-993.32
4	GUIDE	448535496	6.79	2628	-0.072	-0.081	0.064	0.103	130.179057	51.430747	-343.60	-846.23
5	GUIDE	448536480	8.36	2628	-0.057	-0.065	0.065	0.104	129.782800	51.478012	561.68	-872.91
6	GUIDE	448537656	9.01	2628	-0.044	-0.058	0.101	0.164	130.570587	50.654135	-1675.34	1766.65
7	GUIDE	448542832	9.82	2604	0.223	0.213	0.121	0.197	128.761023	50.682623	2419.34	2304.39

2.4 Star Slots

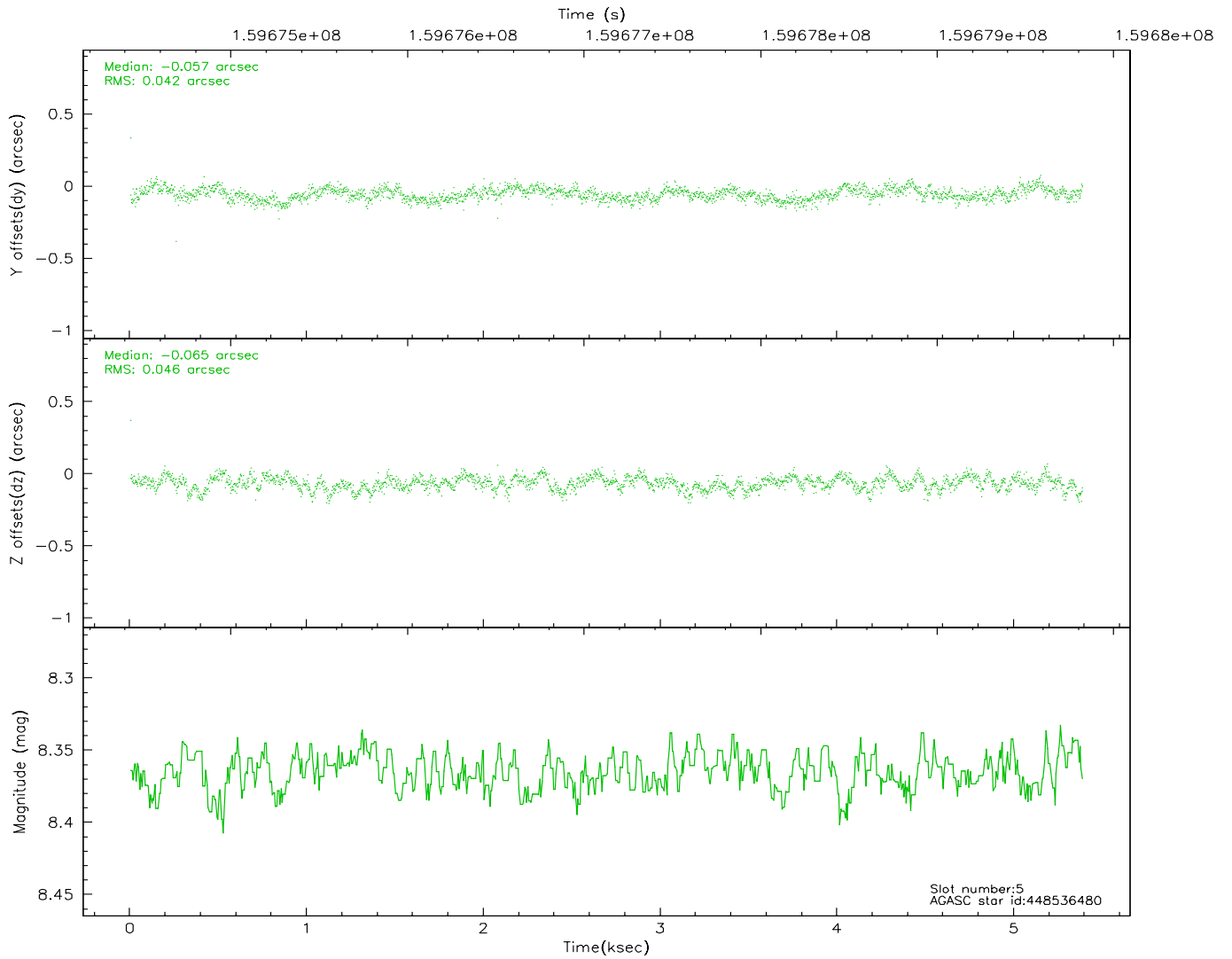
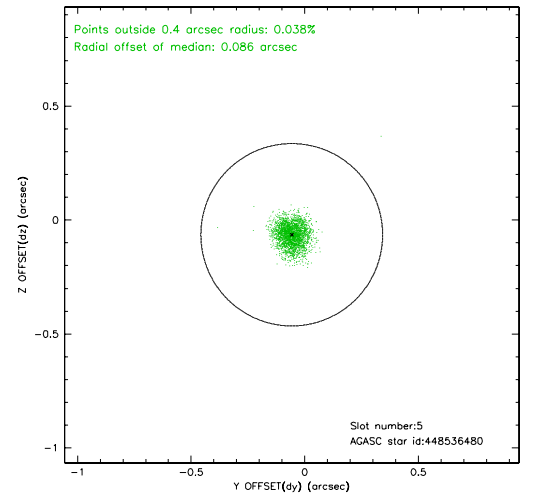
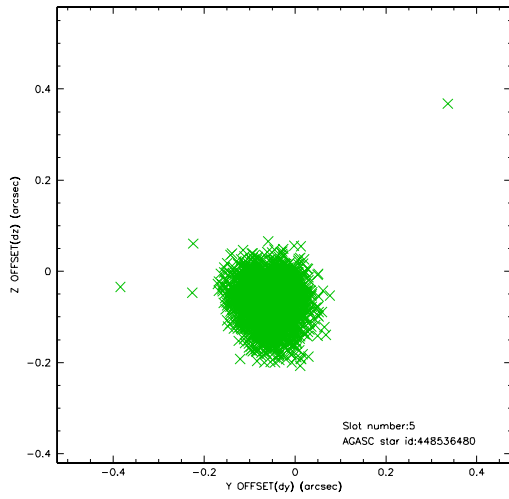
2.4.1 Slot 3



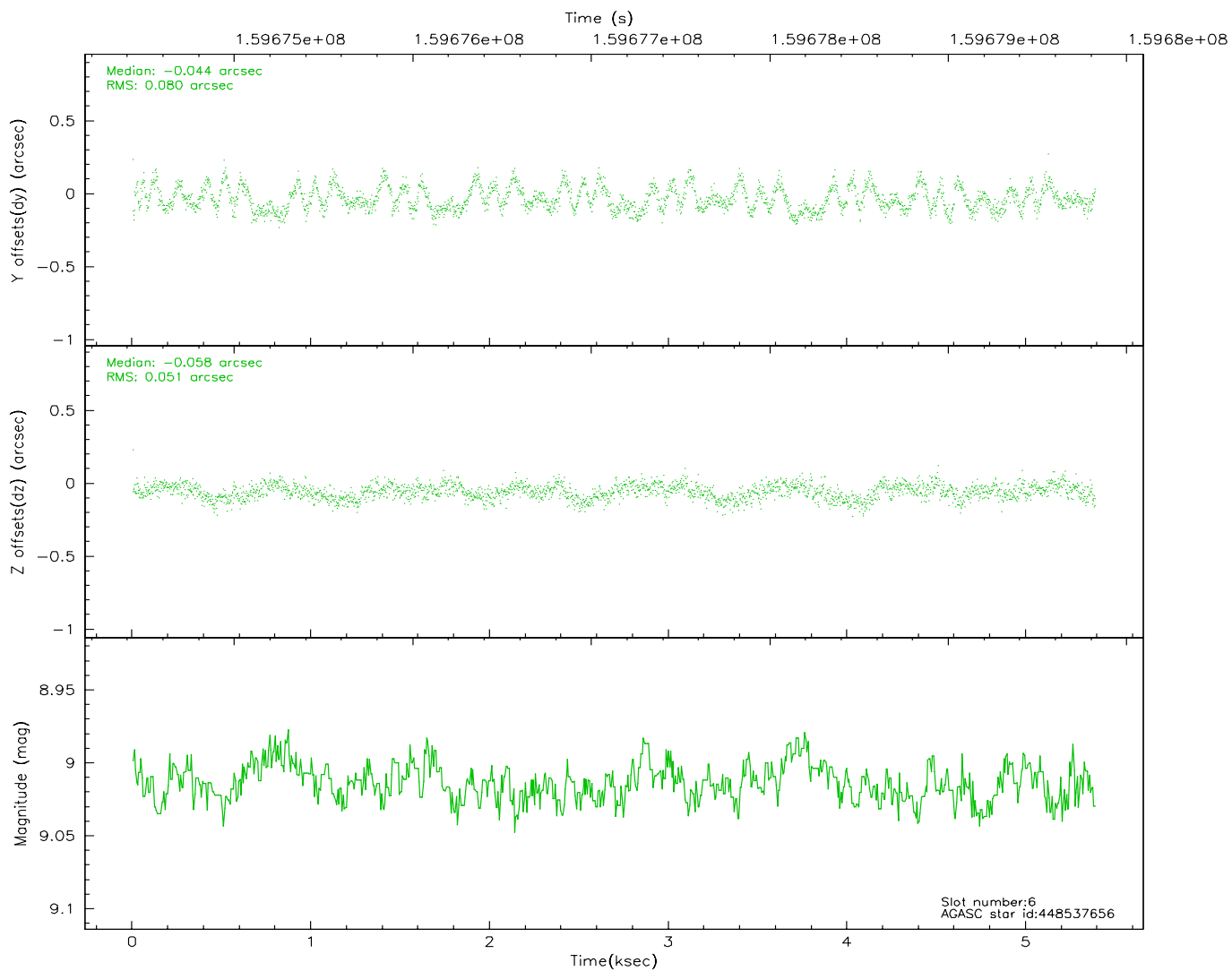
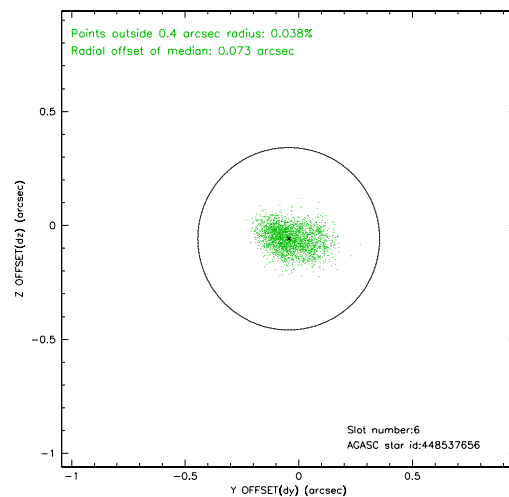
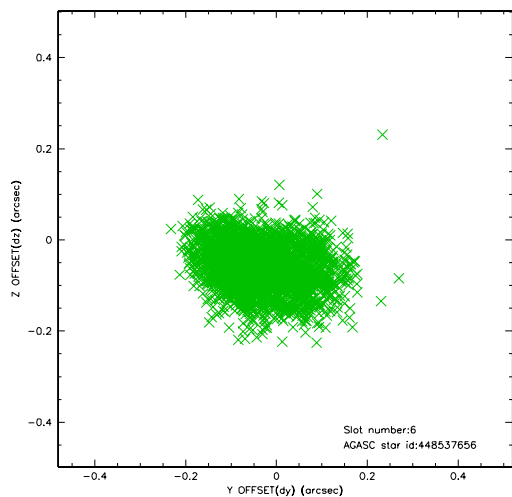
2.4.2 Slot 4



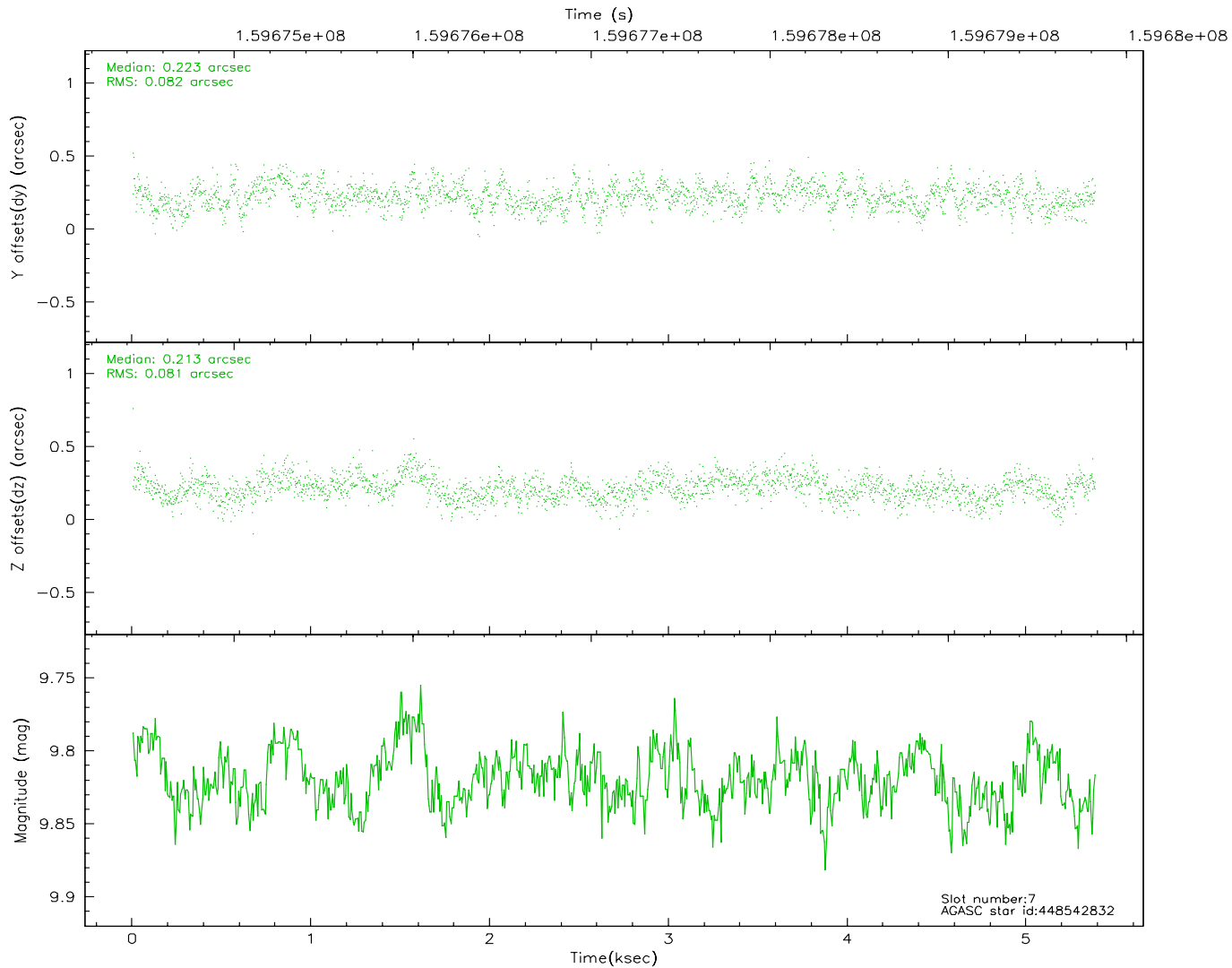
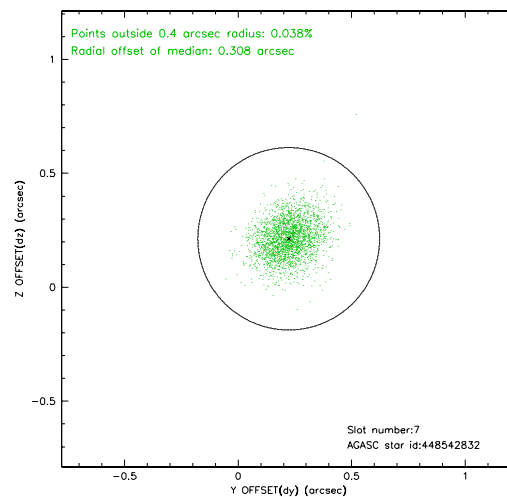
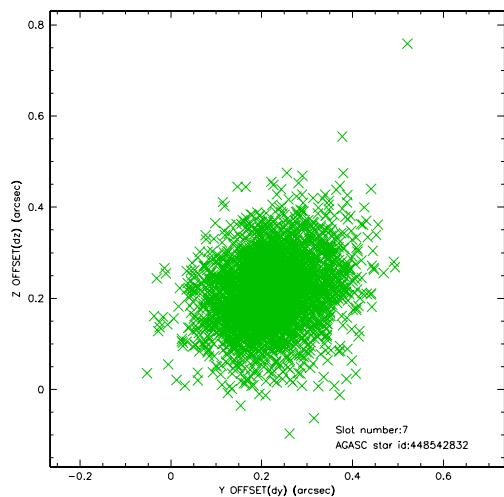
2.4.3 Slot 5



2.4.4 Slot 6

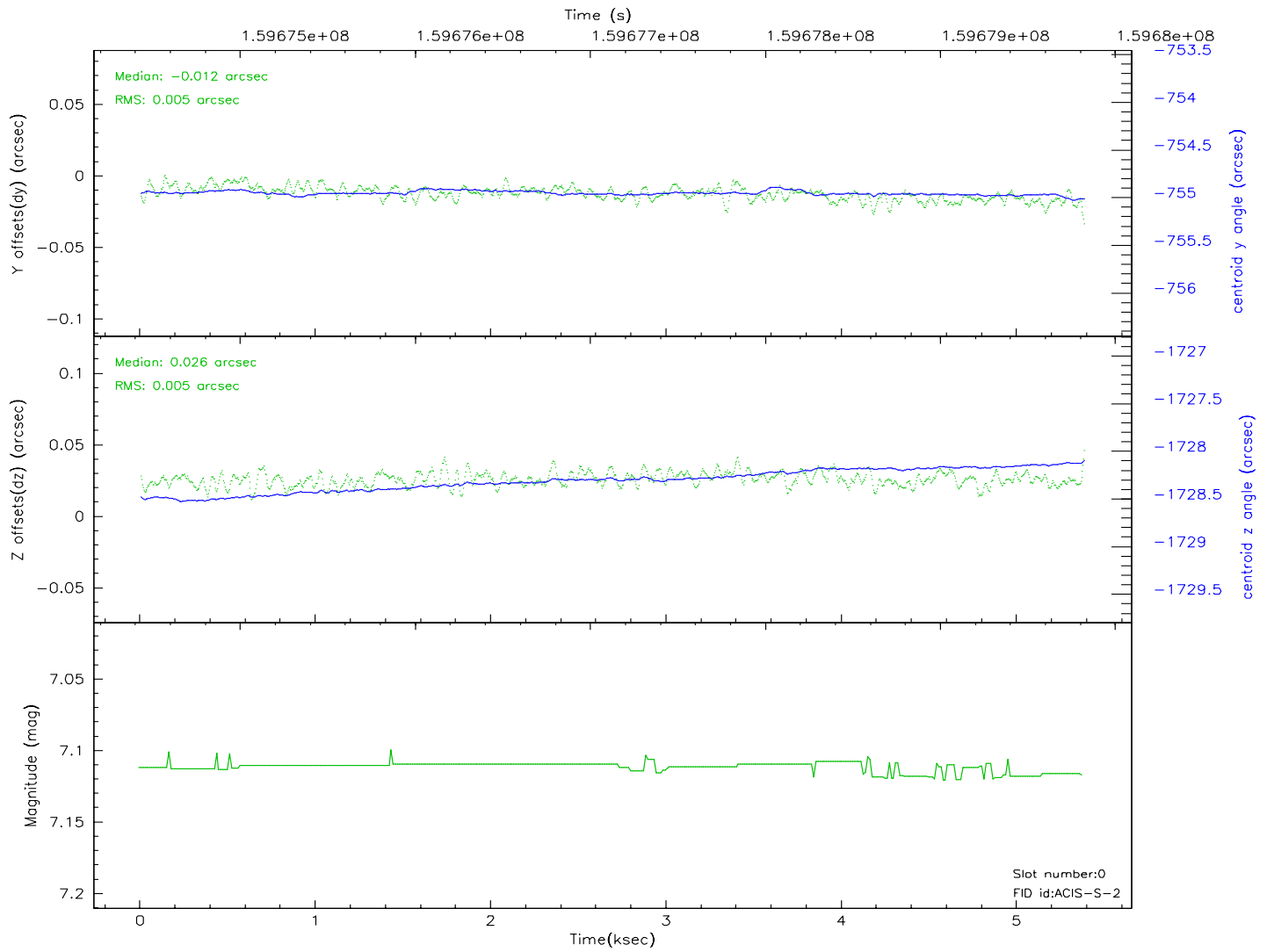
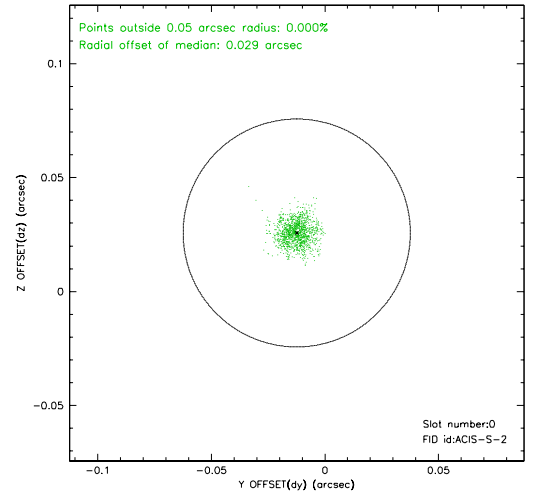
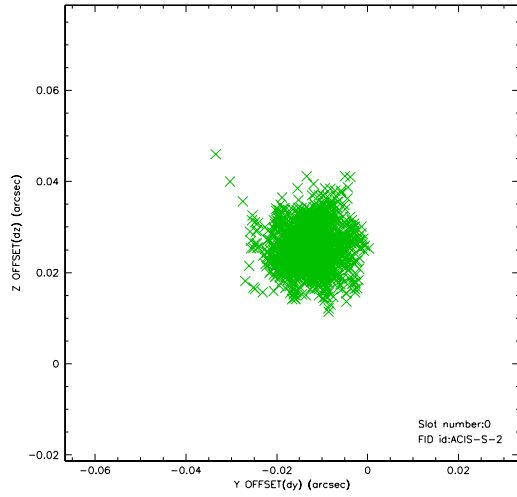


2.4.5 Slot 7

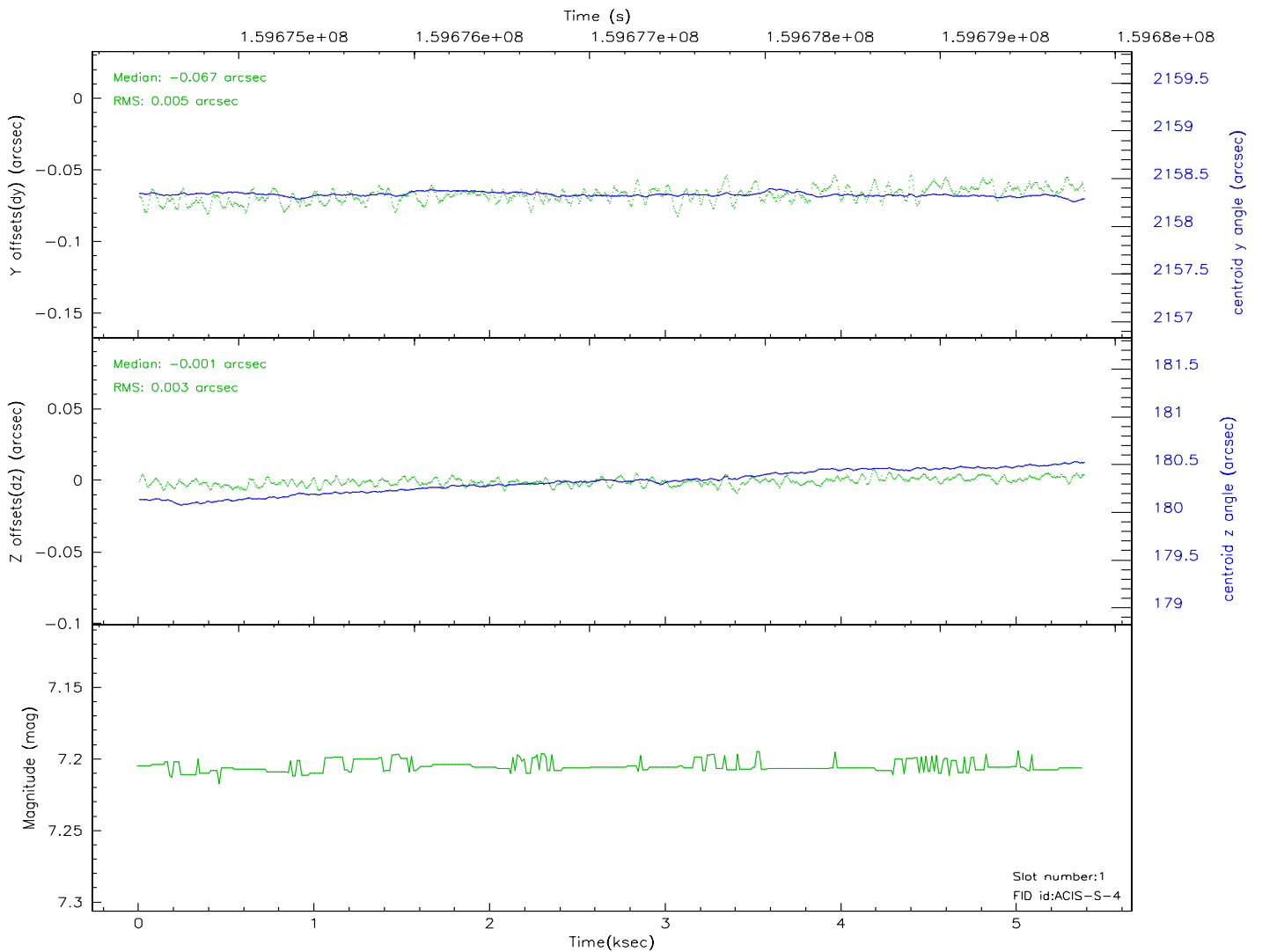
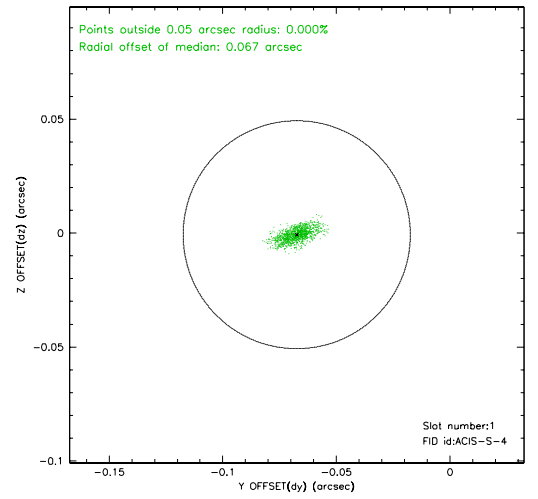
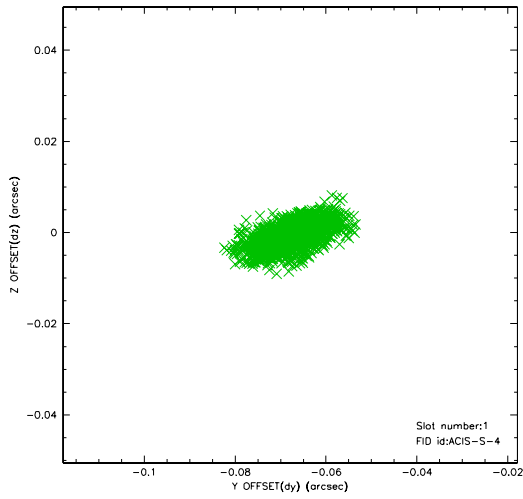


2.5 FID Slots

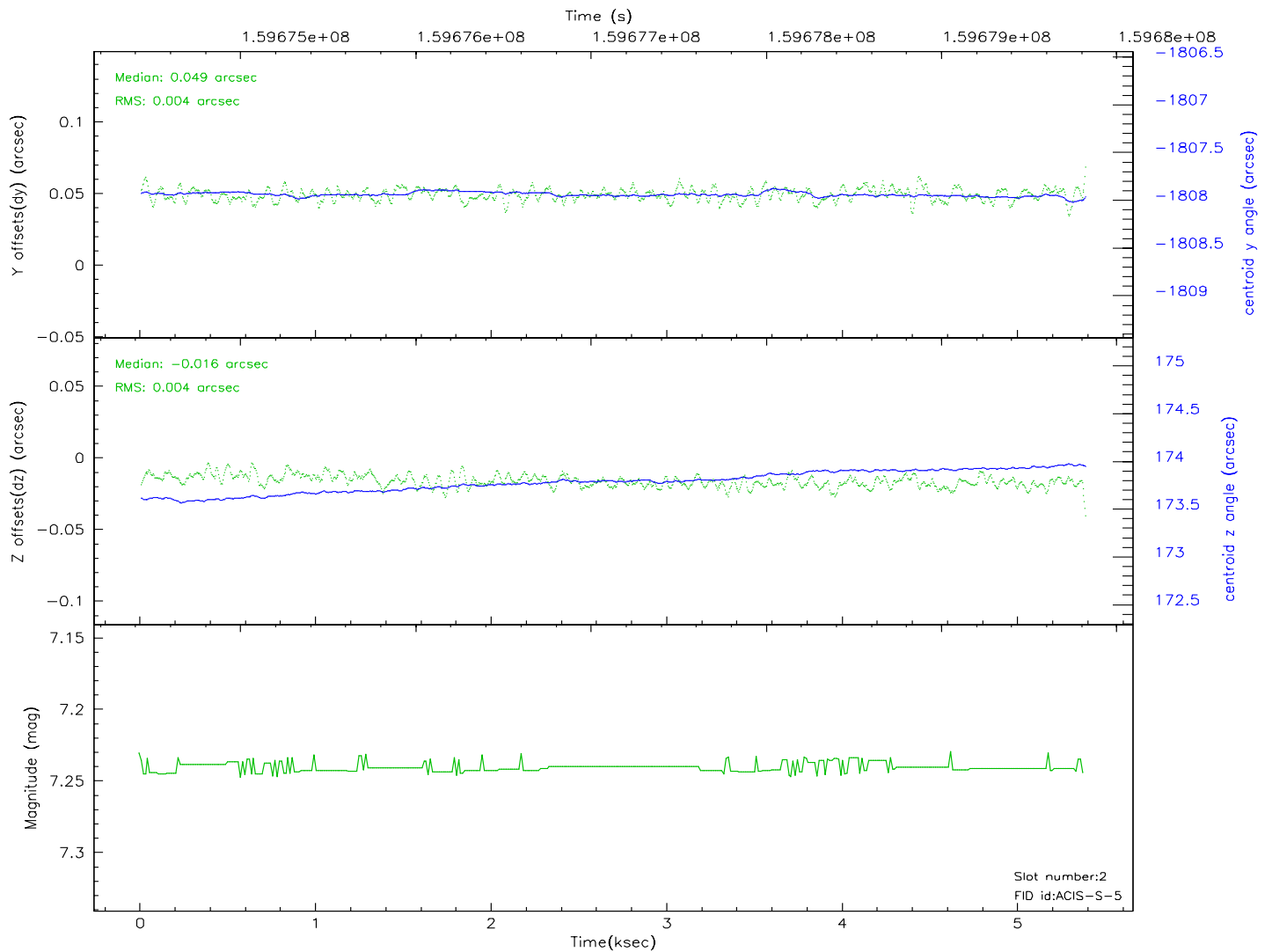
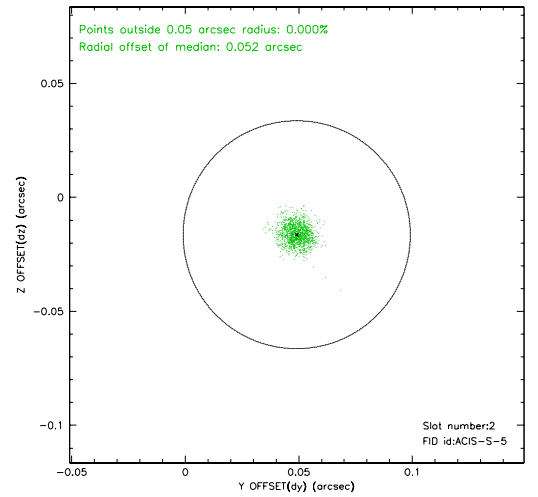
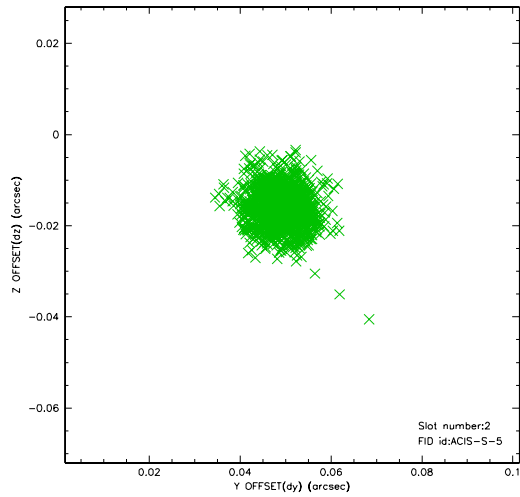
2.5.1 Slot 0



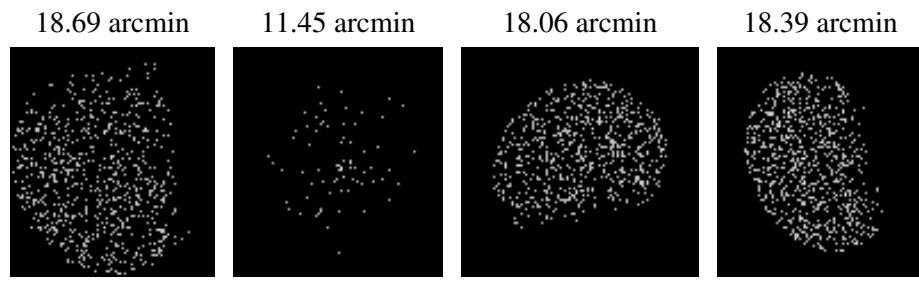
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.963

A.2 Comments