

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2782 - L2 Version 001
Chandra X-Ray Center

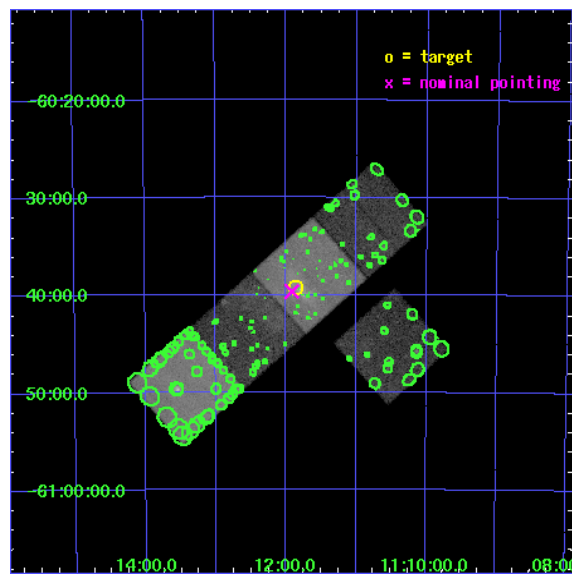
L2 Processing Date : Sep 9 2006

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1 Front

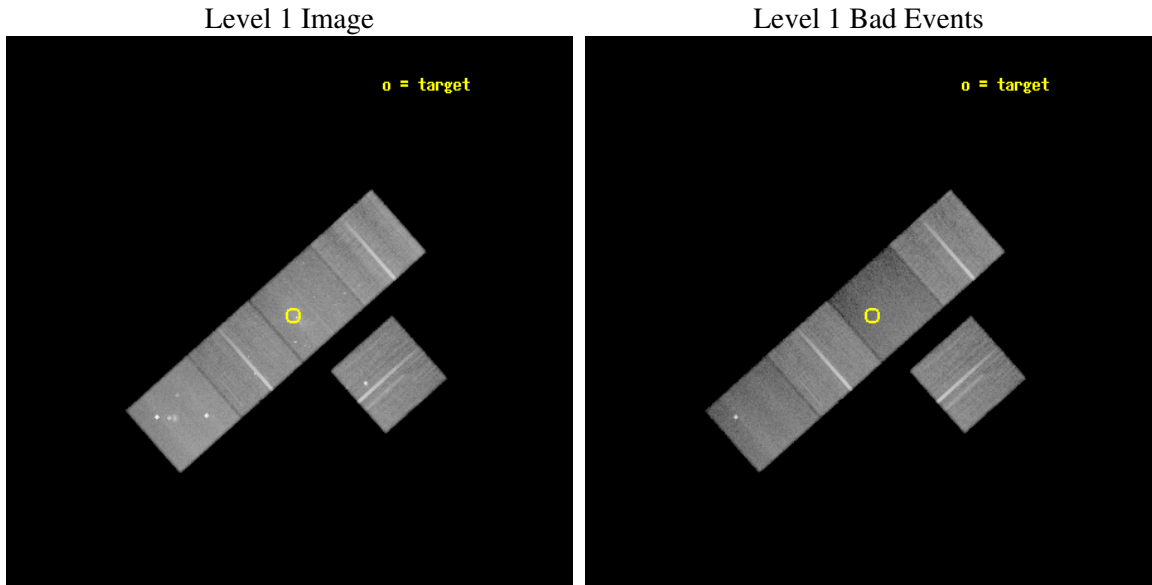
seq_num	500232
obs_id	2782
title	THE MYSTERY OF COMPOSITE SUPERNOVA REMNANTS: THE CASE OF MSH 11-62
observer	Dr Ilana HARRUS
object	MSH 11-62
dtcycle	0
cycle	P
ra_targ	167.966667
dec_targ	-60.653333
ra_nom	167.97892092663
dec_nom	-60.660963116151
roll_nom	318.34730321343
revision	2
ontime	50142.458943367
livetime	49487.310802931
ontime3	50136.17701295
ontime5	50145.599903584
ontime6	50145.599903584
ontime7	50142.458943367
ontime8	50145.599903584
l2events	383596



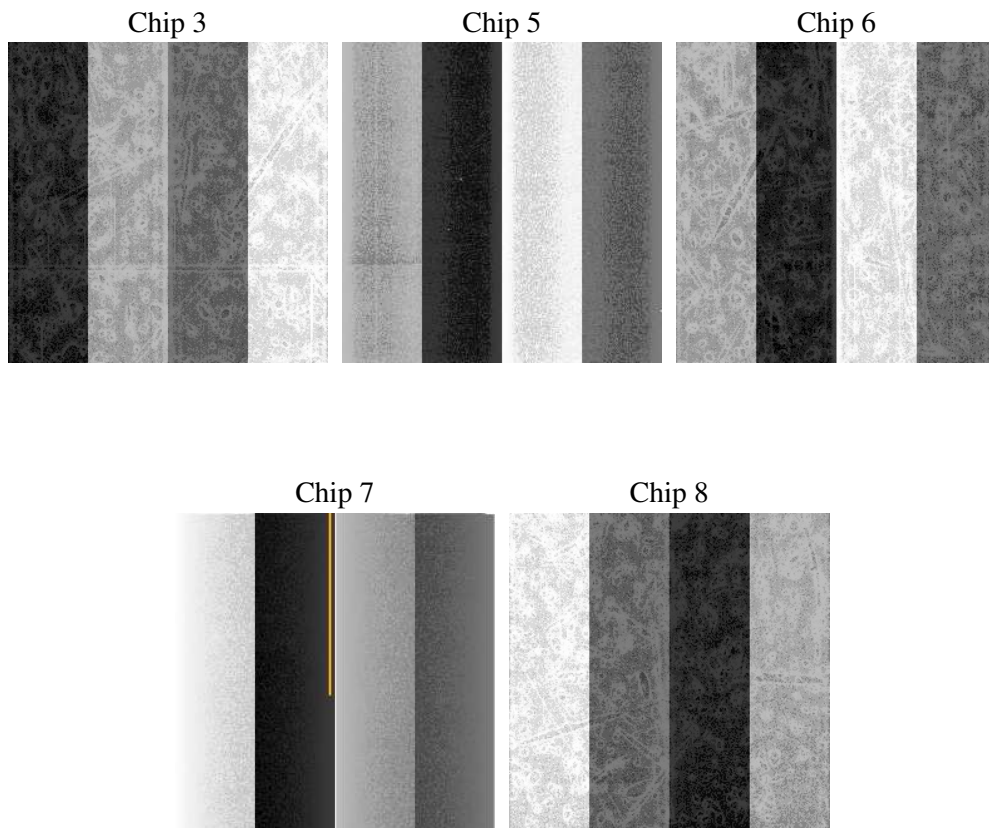
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-09T17:39:26
revision	2

sched_exp_time	50000.000000
ontime	50403.642487288
ontime3	50397.360556871
ontime5	50406.783447504
ontime6	50406.783447504
ontime7	50403.642487288
ontime8	50406.783447504
l1events	1475138

2.1.4 Events

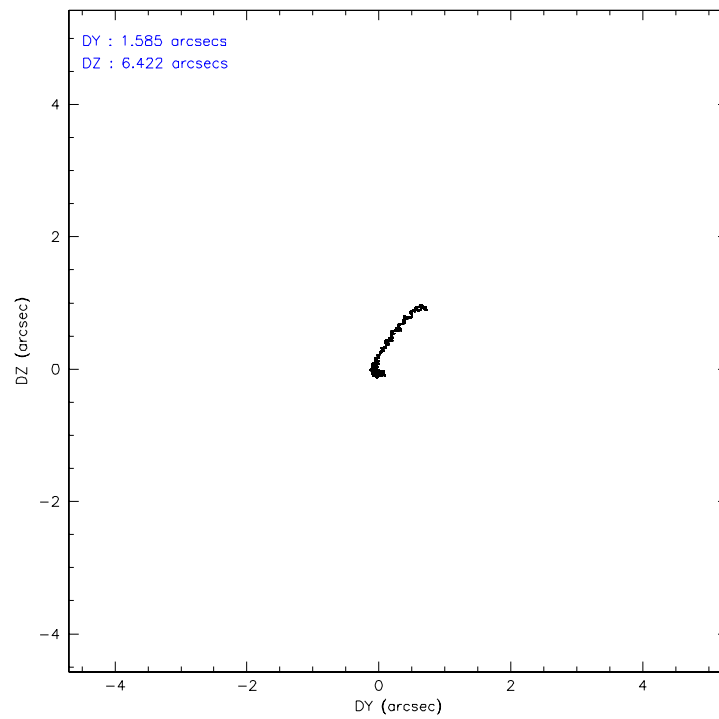
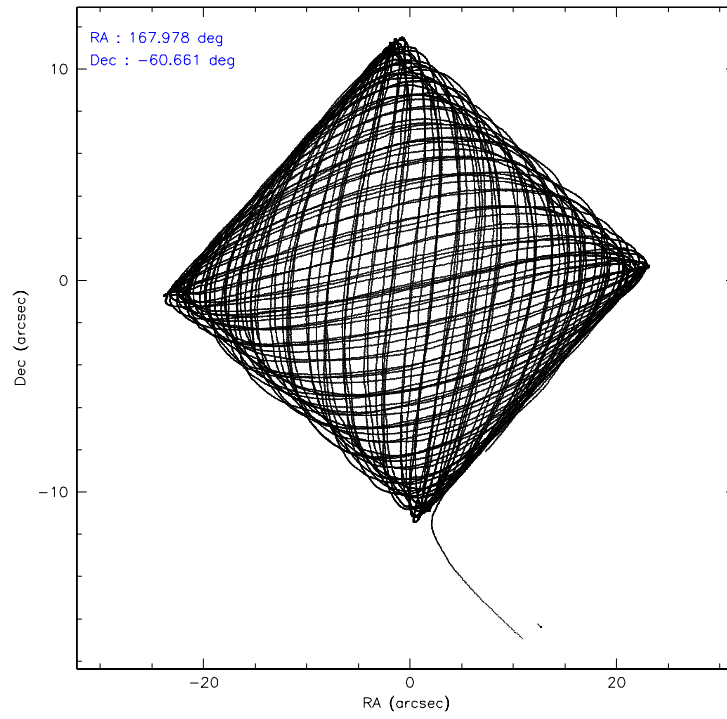
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	271645	320175	282287	274384	326647
rejected events	240104	154229	242375	129257	251631
rejected %	88%	48%	85%	47%	77%

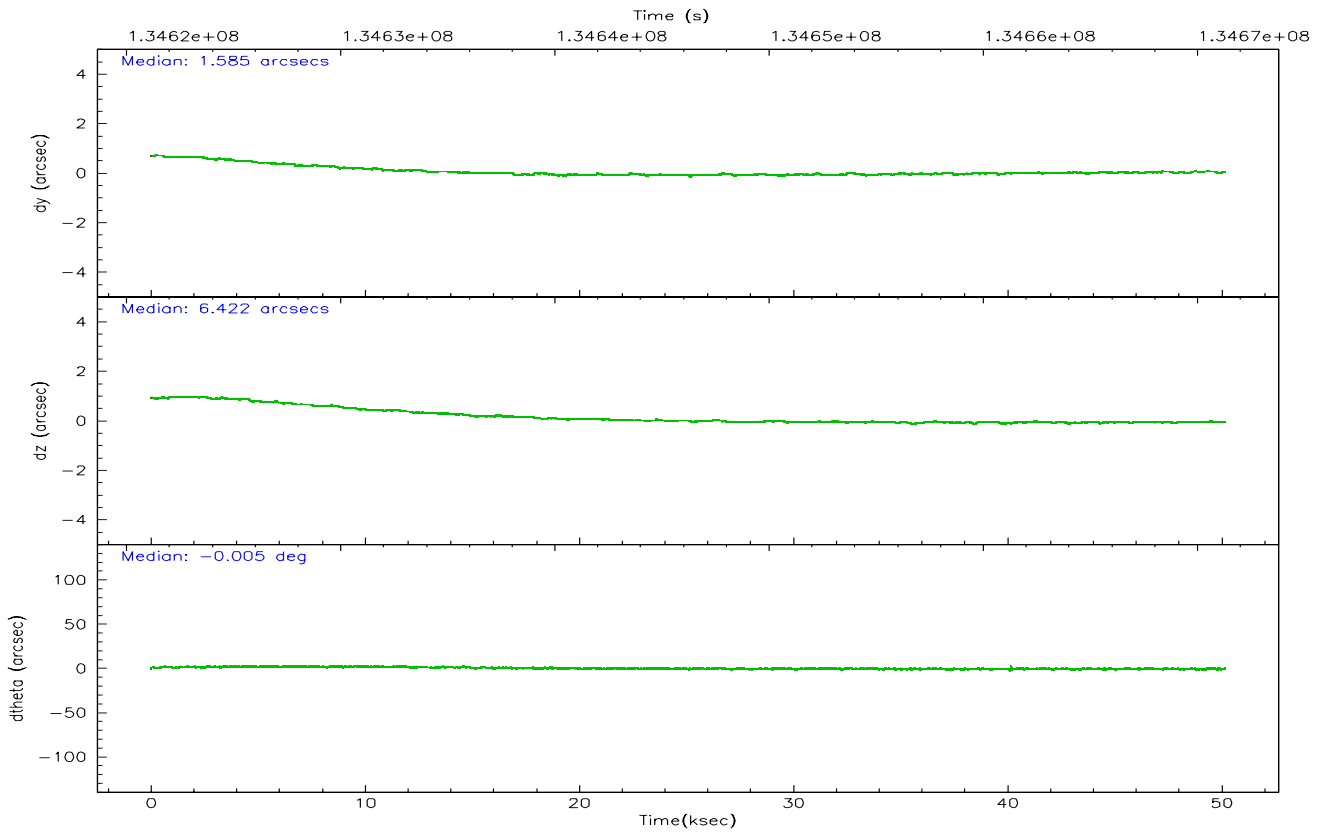
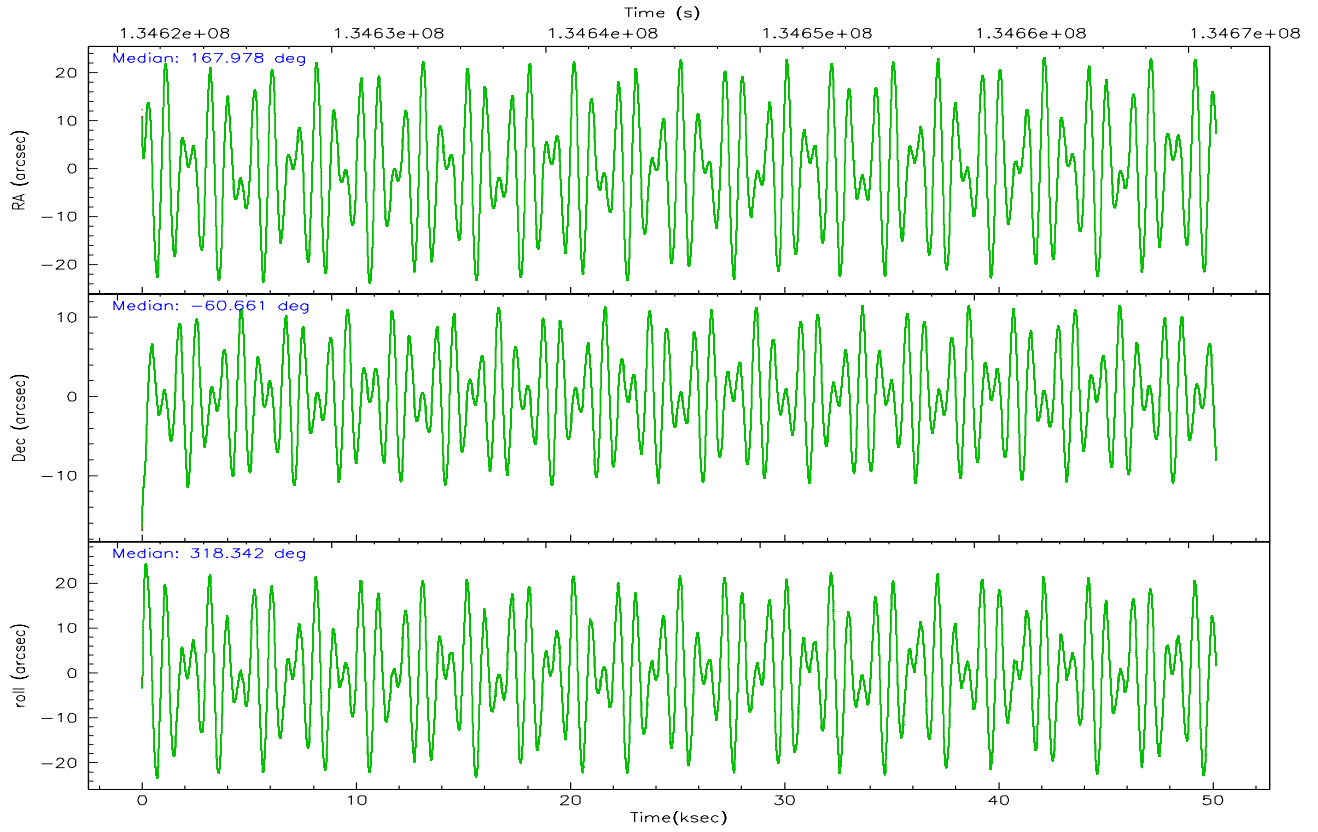
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	15730	17193	21470	16771	23524
	5%	5%	7%	6%	7%
grade 1 events	136	97	162	150	212
	0%	0%	0%	0%	0%
grade 2 events	5534	53794	6681	38307	16236
	2%	16%	2%	13%	4%
grade 3 events	2980	5084	3314	11205	8339
	1%	1%	1%	4%	2%
grade 4 events	2863	4729	3331	11183	7675
	1%	1%	1%	4%	2%
grade 5 events	7791	18472	8368	19467	12342
	2%	5%	2%	7%	3%
grade 6 events	4585	85938	5320	68359	19642
	1%	26%	1%	24%	6%
grade 7 events	232026	134868	233641	108942	238677
	85%	42%	82%	39%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	167.924307	167.9789209266259	Alternating exposures requested	N	N
Pointing Dec	-60.655780	-60.66096311615078	Primary exposure time	0.000000	3.1
Pointing Roll	318.143078	318.3473032134265			
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	134621291.184000	134620179.23816			
Observation start date	2002-04-08T02:47:07	2002-04-08T02:29:39			
Observation end time	134671291.184000	134671883.82776			
Observation end date	2002-04-08T16:40:27	2002-04-08T16:51:23			
Read mode	TIMED	TIMED			

2.3 Aspect



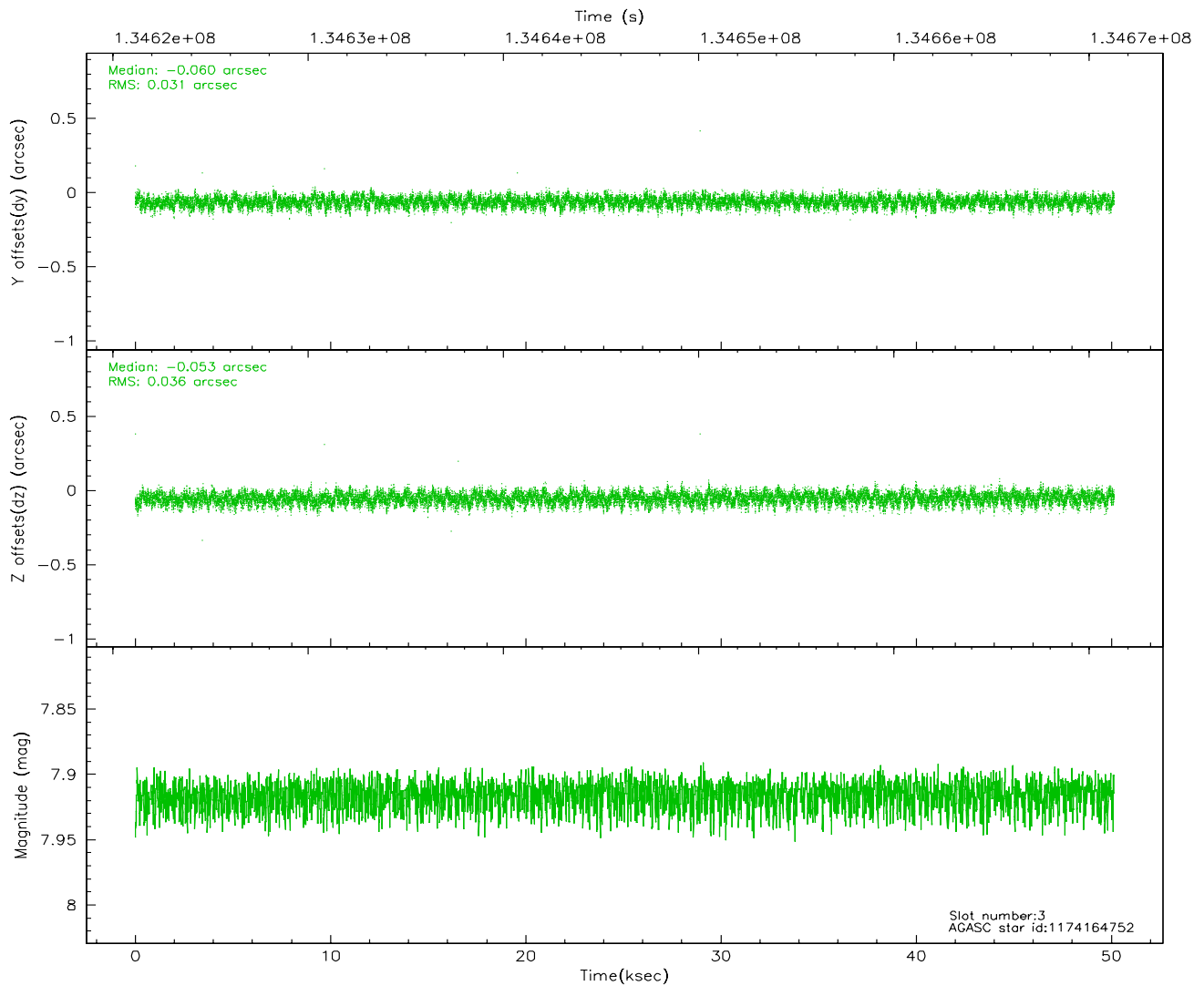
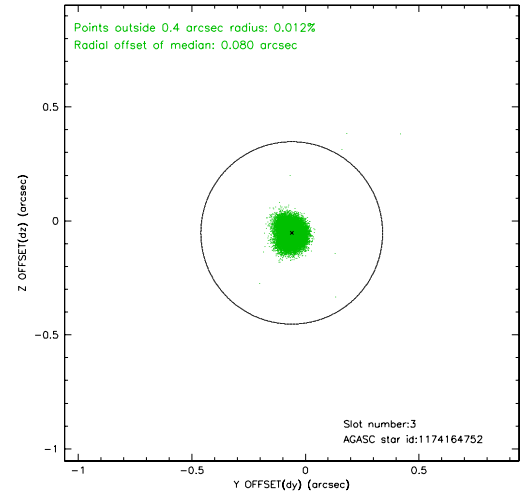
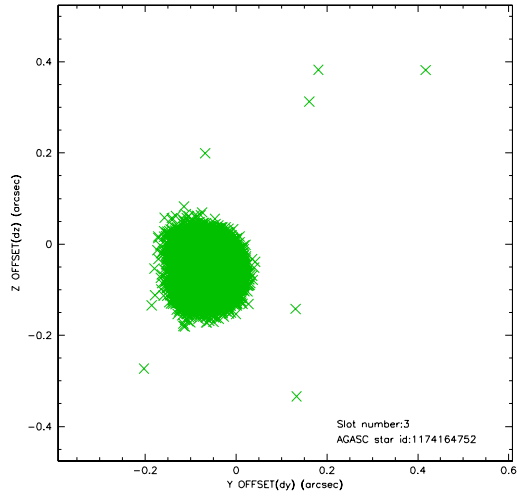


Slot Statistics

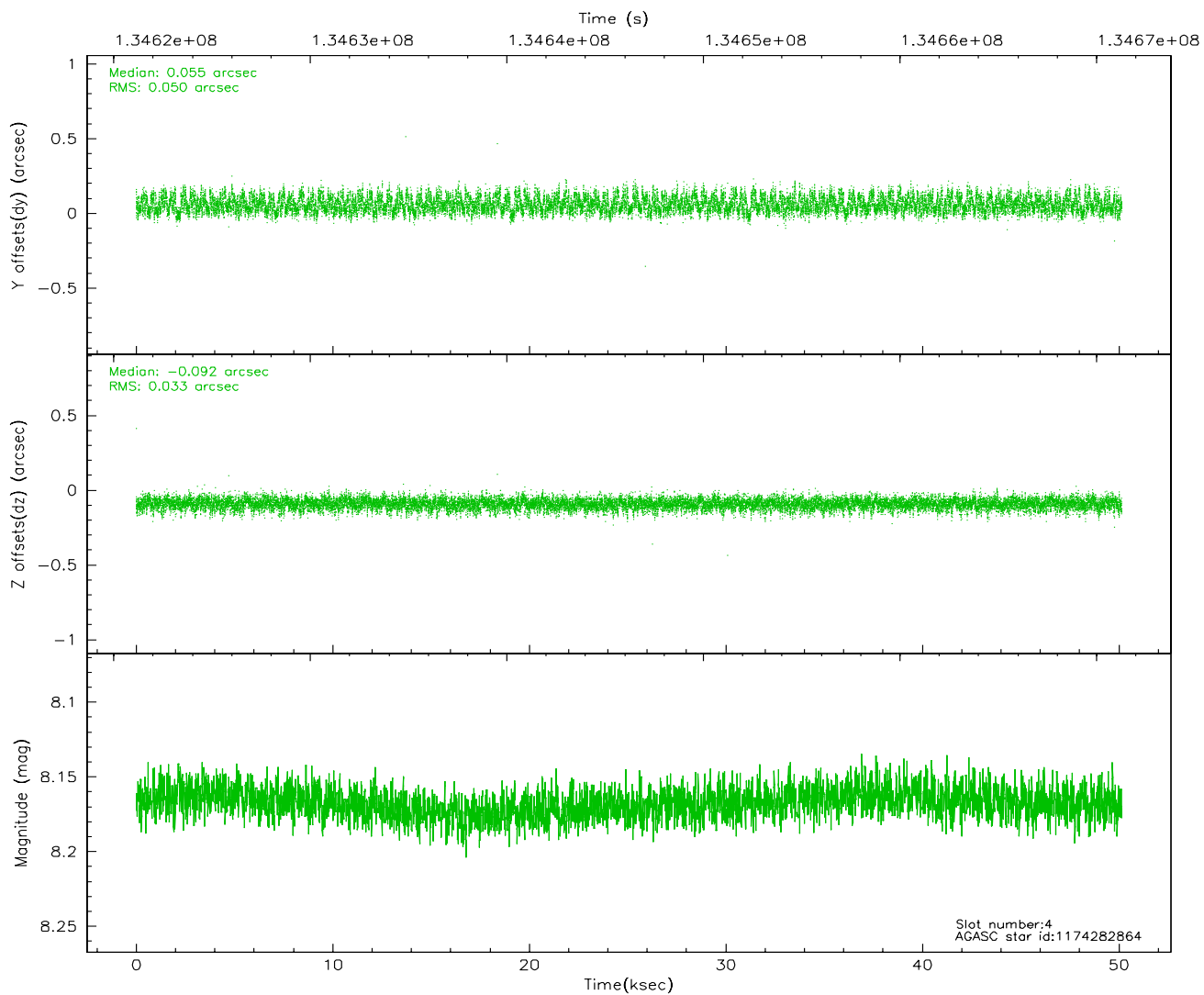
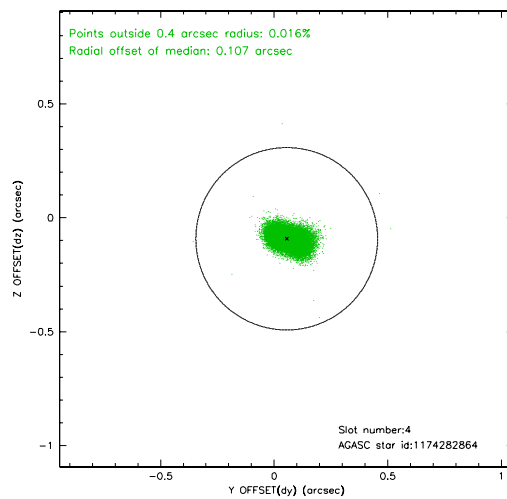
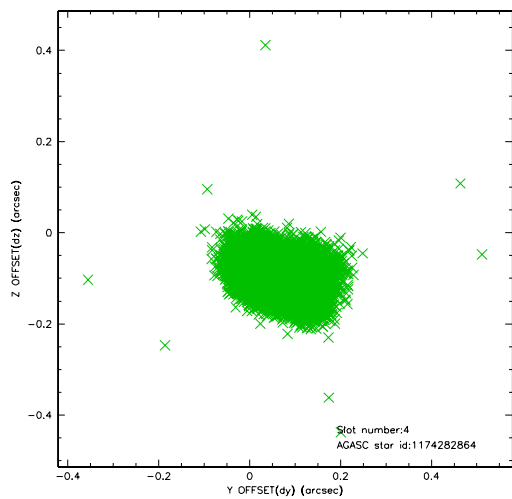
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	12232	-0.003	-0.024	0.010	0.022	0.000000	0.000000	941.75	-1723.42
1	FID	ACIS-S-5	7.24	12232	0.019	0.009	0.009	0.025	0.000000	0.000000	-1807.22	174.22
2	FID	ACIS-S-6	7.36	12233	-0.037	0.026	0.010	0.032	0.000000	0.000000	407.31	818.15
3	GUIDE	1174164752	7.92	24464	-0.060	-0.053	0.050	0.081	166.202600	-60.663321	-2215.90	-2075.97
4	GUIDE	1174282864	8.17	24460	0.055	-0.092	0.063	0.105	167.509743	-60.095137	-1898.58	1005.00
5	GUIDE	1174292200	8.64	24462	0.033	-0.021	0.067	0.111	169.118665	-60.567864	1376.01	1631.77
6	GUIDE	1174277296	8.71	24457	-0.088	0.146	0.060	0.097	167.558753	-61.273161	1014.24	-2078.23
7	GUIDE	1174291496	9.18	24389	0.059	0.022	0.080	0.131	169.263734	-60.928087	2416.05	815.85

2.4 Star Slots

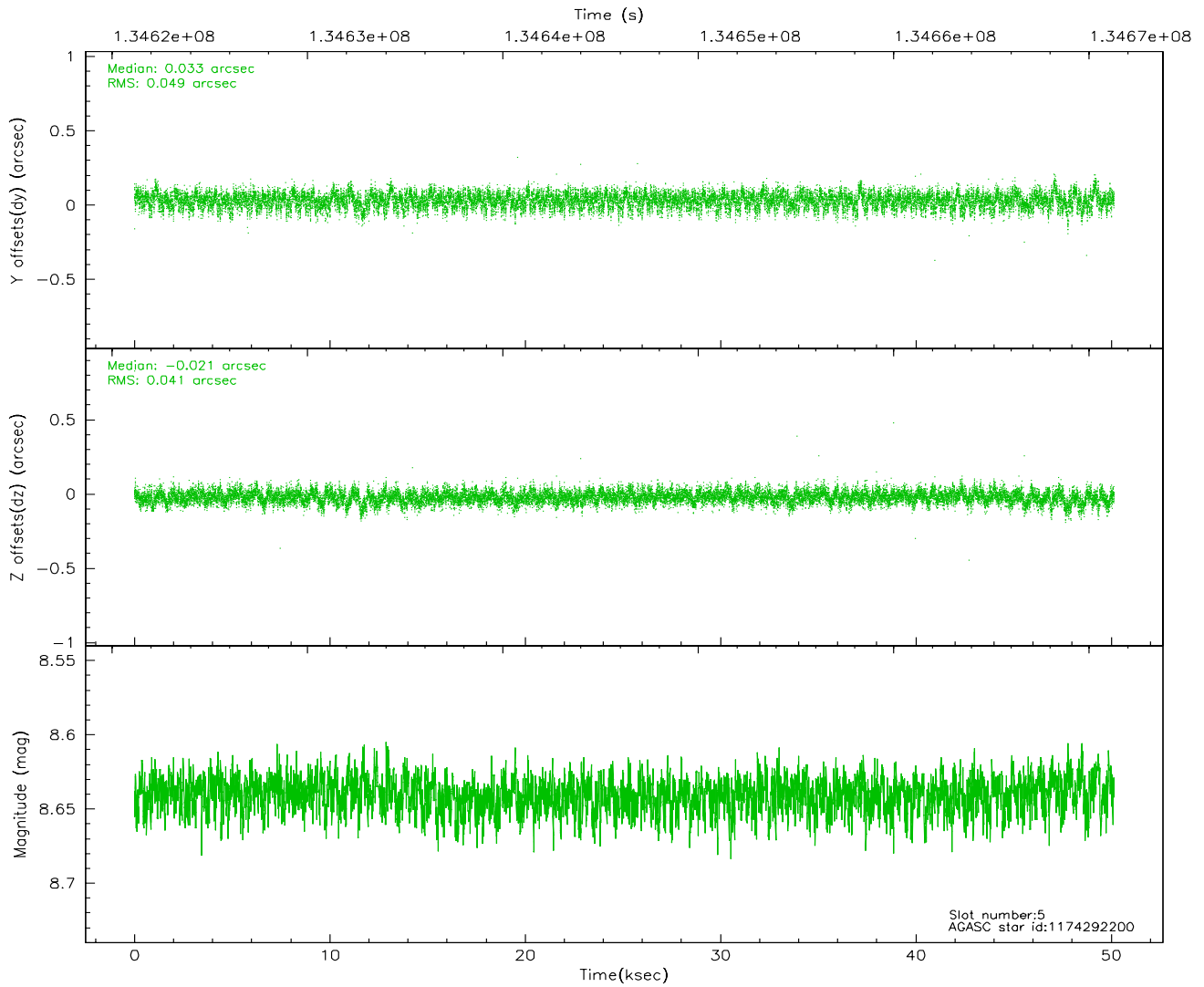
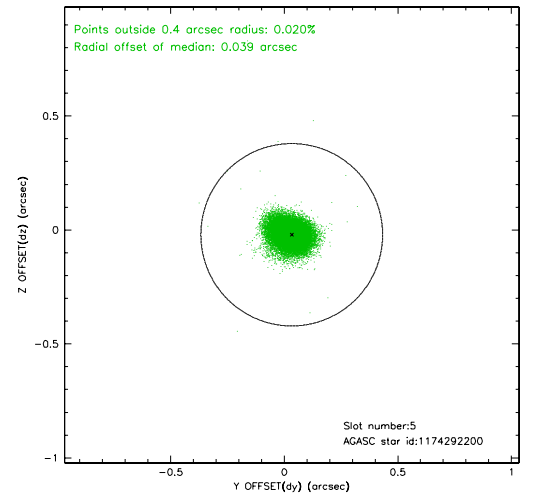
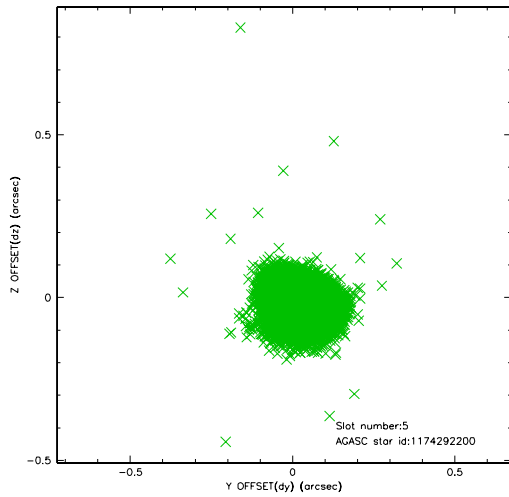
2.4.1 Slot 3



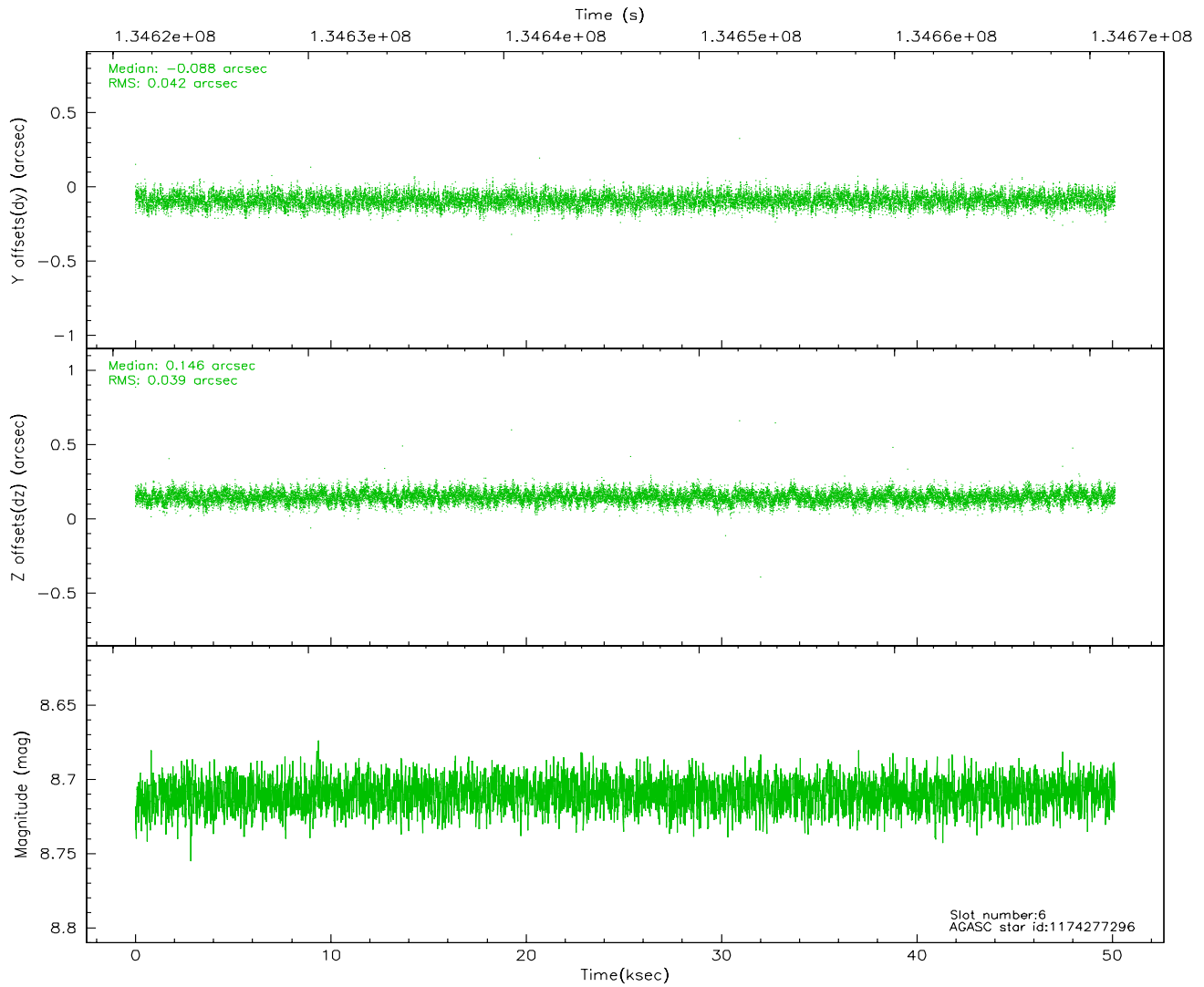
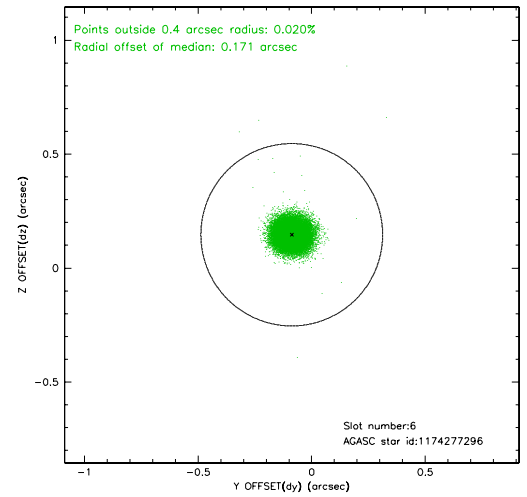
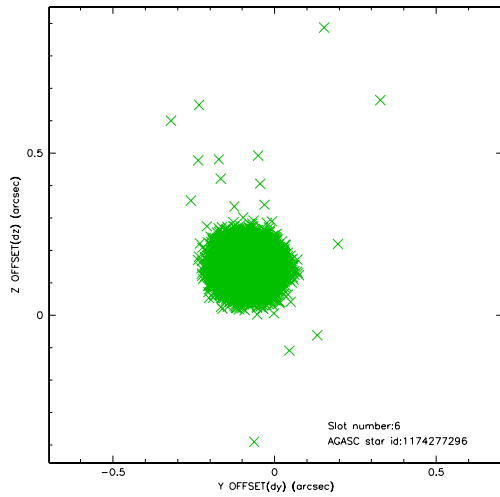
2.4.2 Slot 4



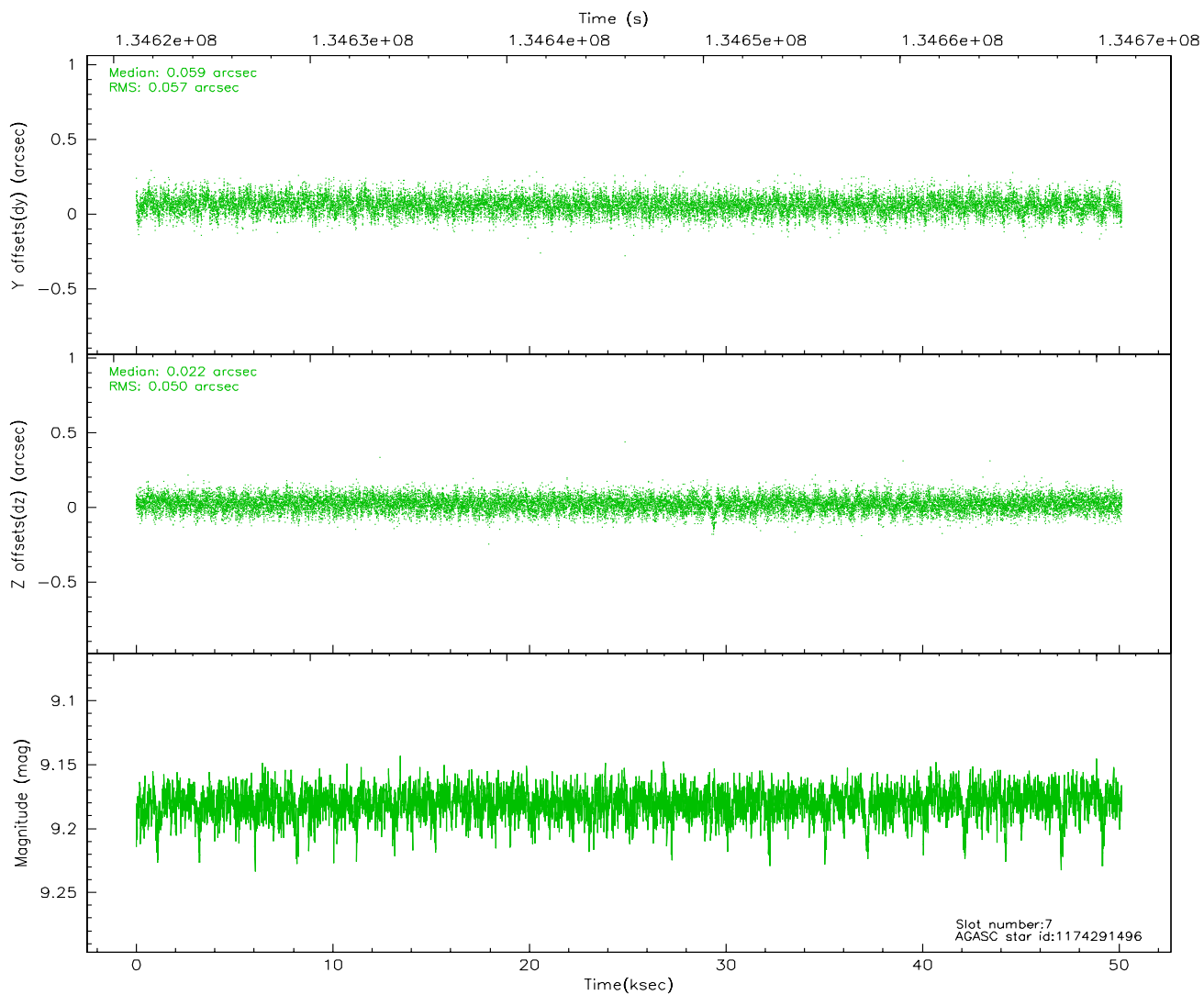
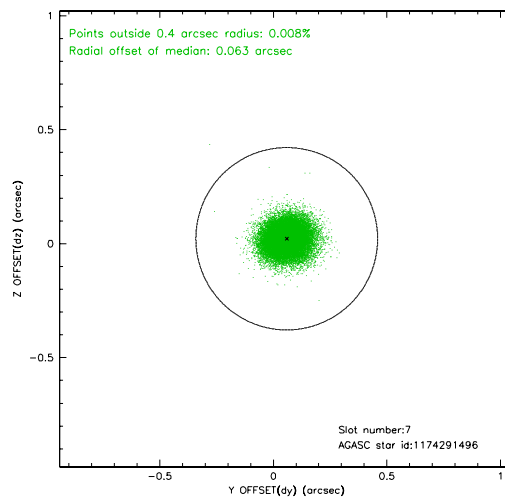
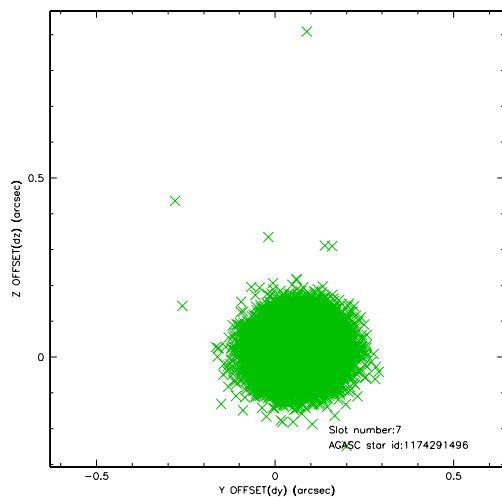
2.4.3 Slot 5



2.4.4 Slot 6

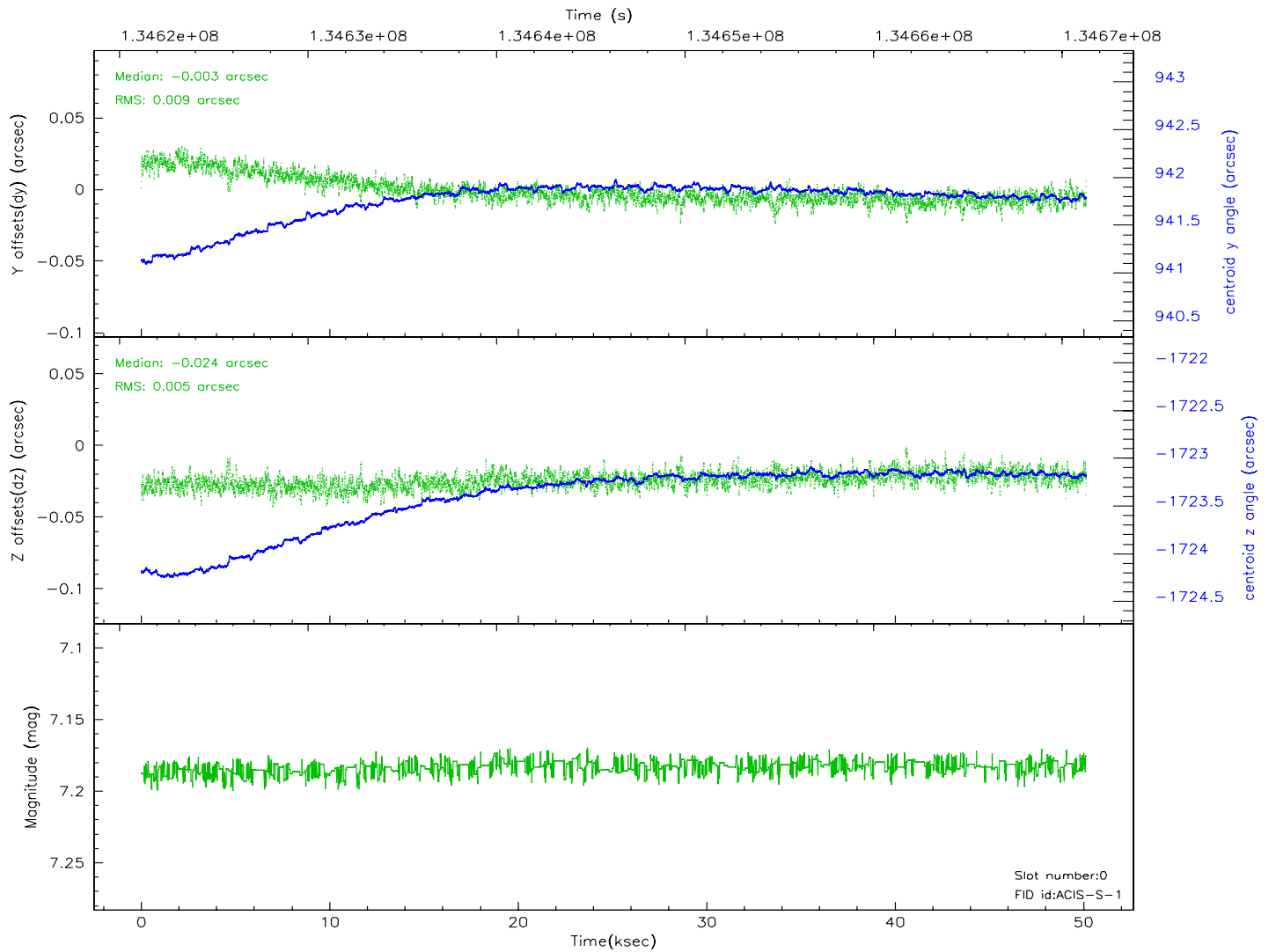
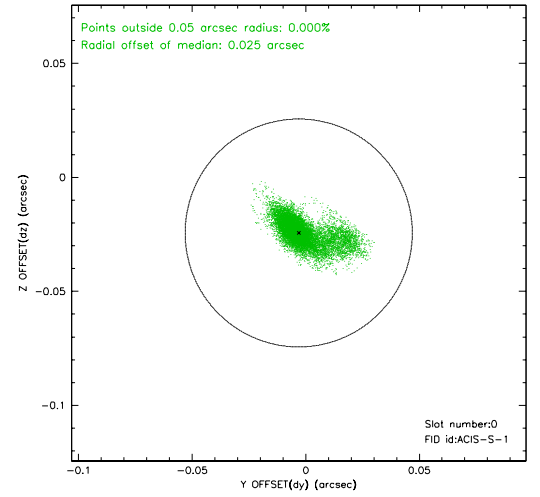
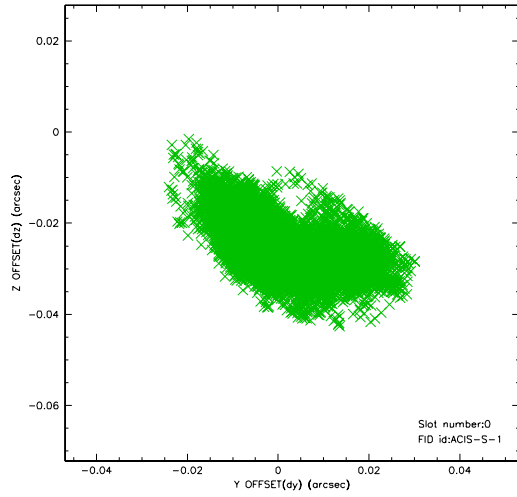


2.4.5 Slot 7

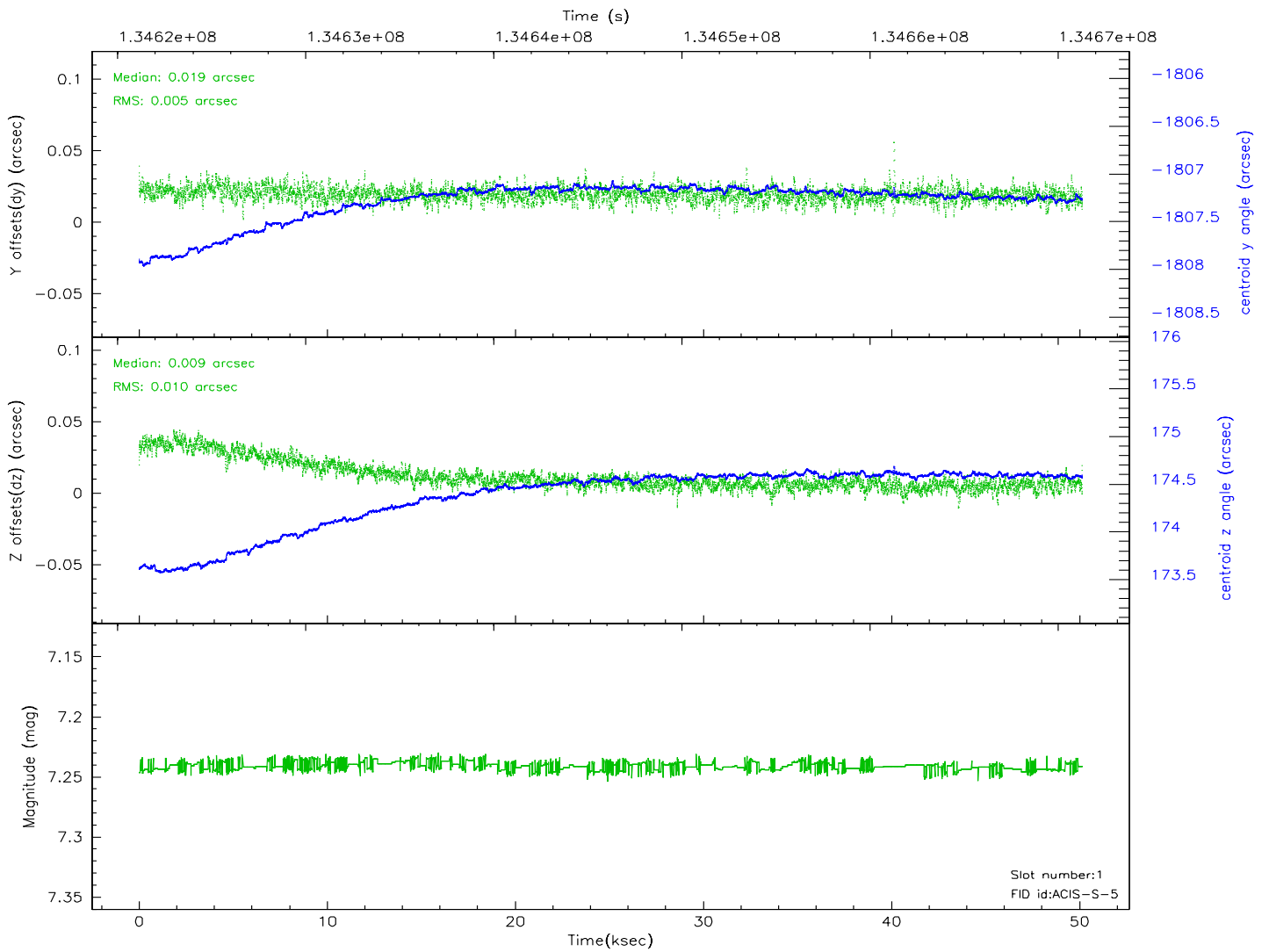
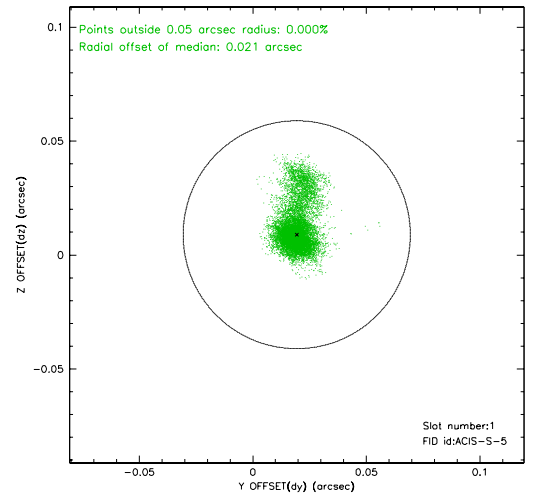
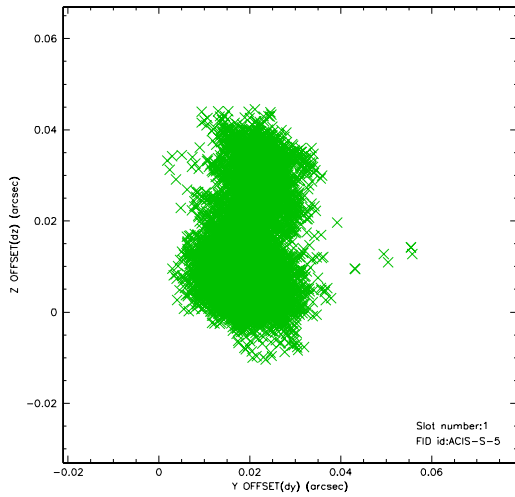


2.5 FID Slots

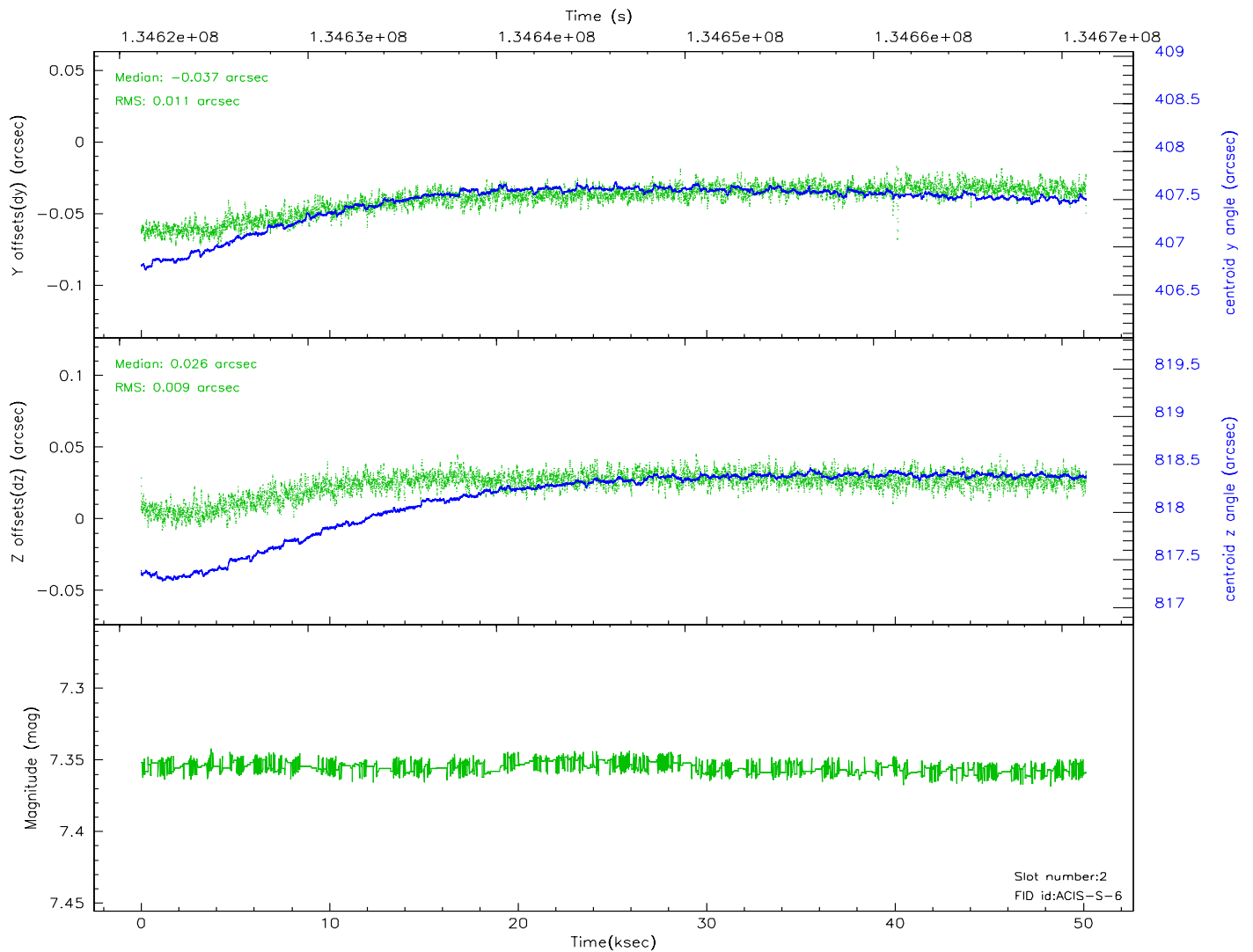
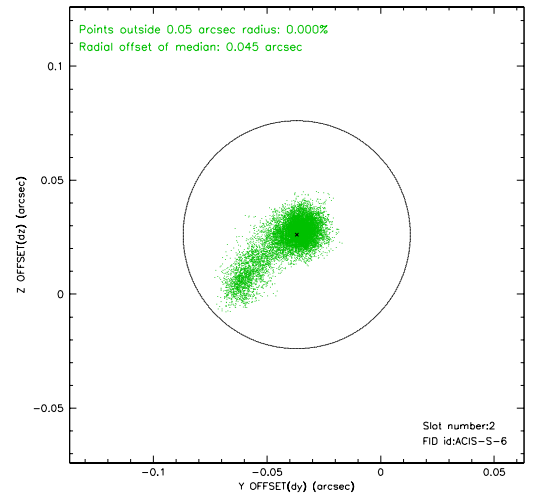
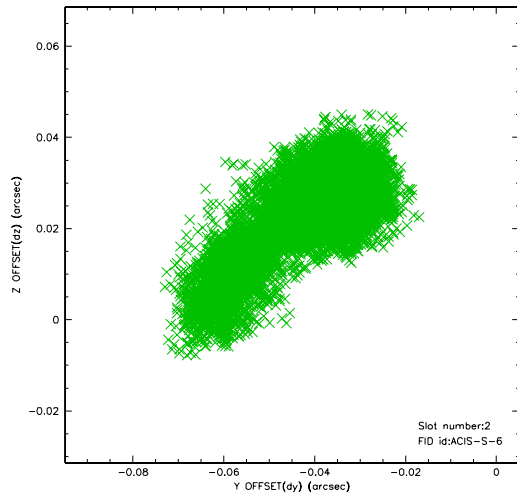
2.5.1 Slot 0



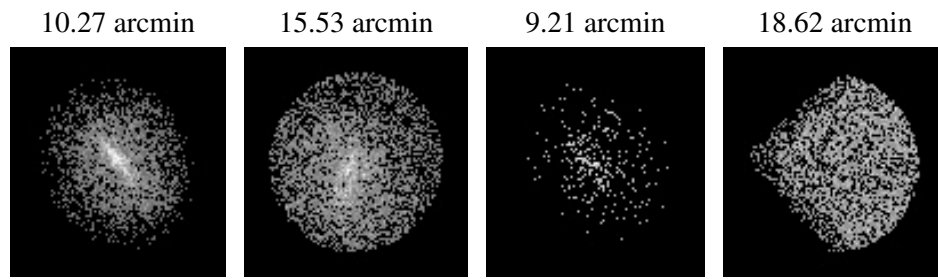
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.142

A.2 Comments