

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4385 - L2 Version 001
Chandra X-Ray Center

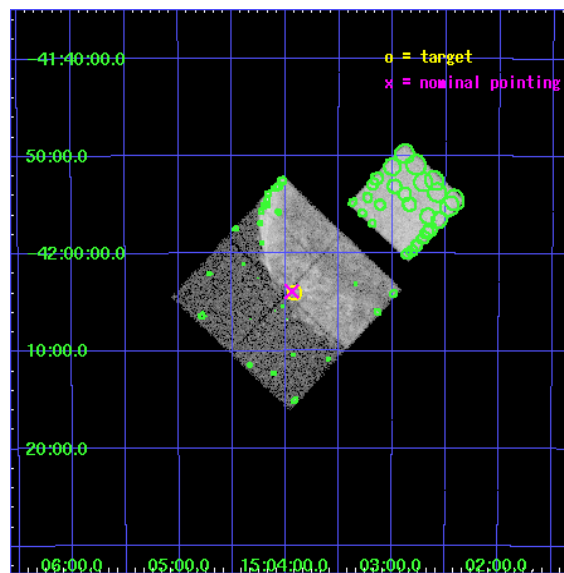
L2 Processing Date : Jul 30 2006

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1 Front

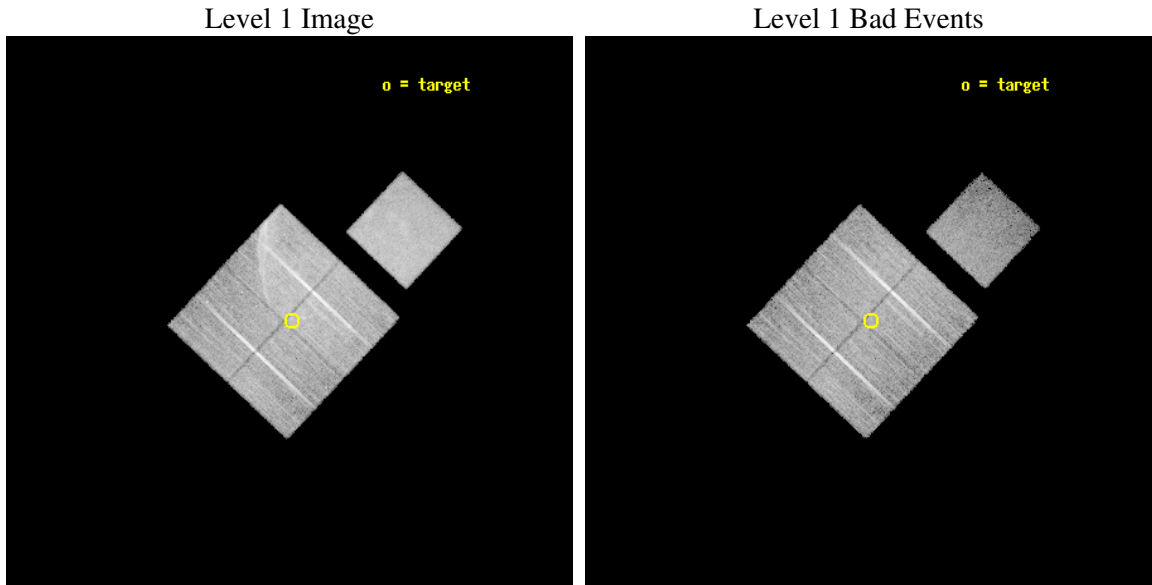
seq_num	500317
obs_id	4385
title	STUDYING HIGH MACH NUMBER SHOCKS IN YOUNG SUPERNOVA REMNANTS WITH CHANDRA
observer	Prof. John Hughes
object	SN1006
dtcycle	0
cycle	P
ra_targ	225.979208
dec_targ	-42.0667
ra_nom	225.98508708931
dec_nom	-42.065080120582
roll_nom	43.212638051914
revision	2
ontime	20053.899961442
livetime	19791.880994979
ontime0	20053.899961442
ontime1	20038.195040375
ontime2	20050.758981198
ontime3	20053.899961442
ontime7	20053.899961442
l2events	186681



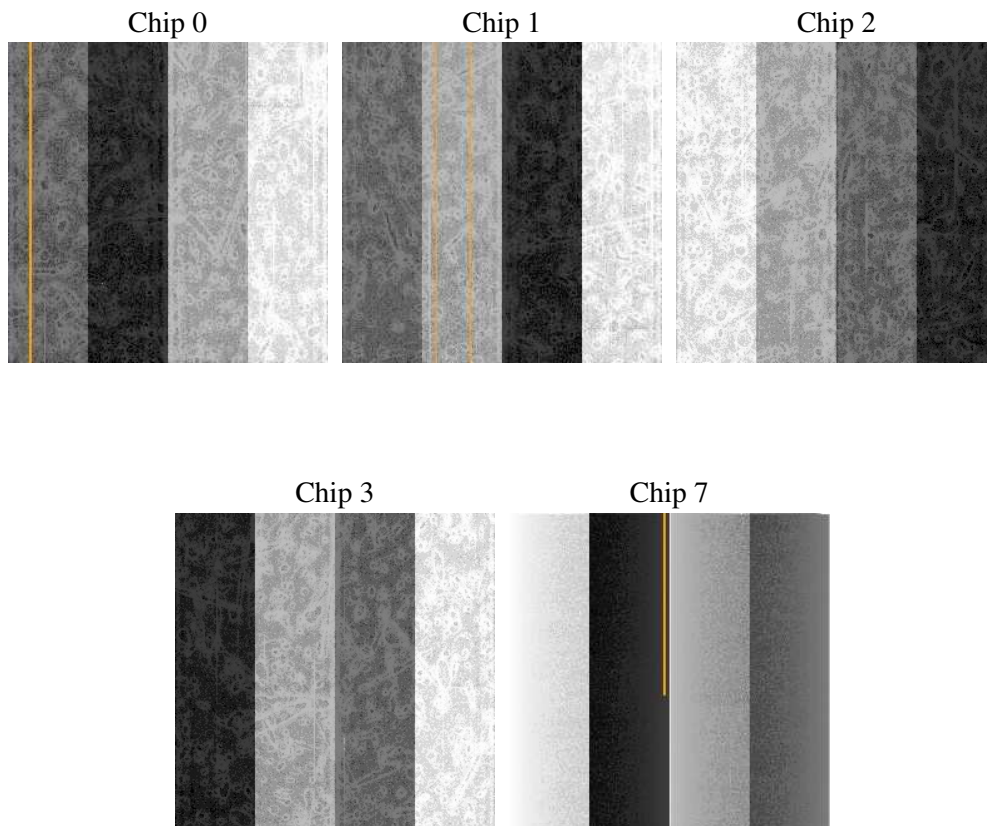
2 OBI

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	2006-07-30T09:10:08
revision	2

sched_exp_time	20280.000000
ontime	20058.48135671
ontime0	20058.48135671
ontime1	20042.776455551
ontime2	20055.340376467
ontime3	20058.48135671
ontime7	20058.481376618
l1events	625134

2.1.4 Events

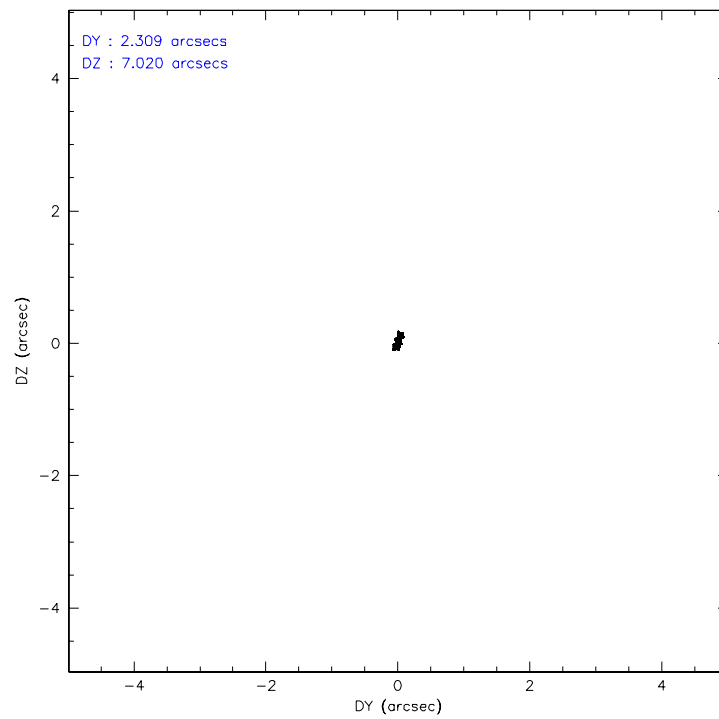
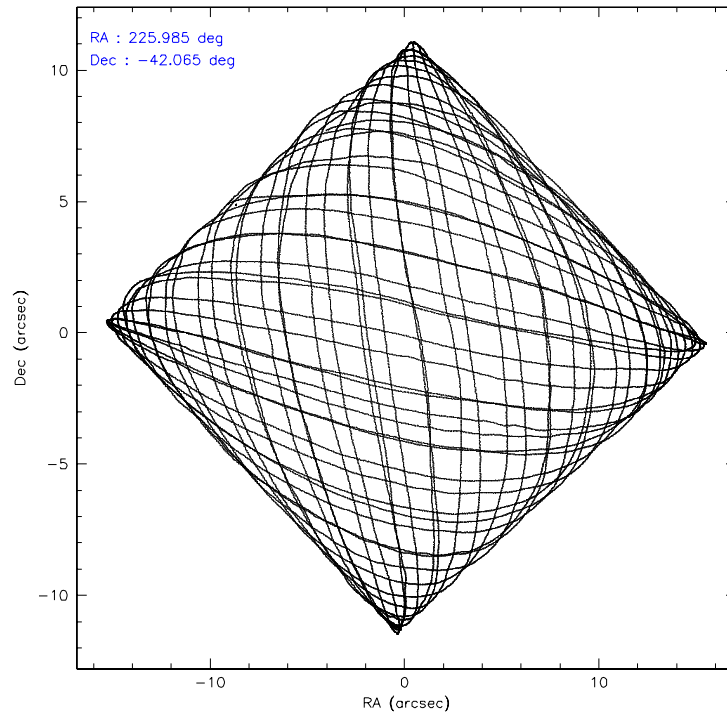
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
level 1 events	96036	101969	150558	134262	142309
rejected events	85099	89056	100418	96921	54769
rejected %	88%	87%	66%	72%	38%

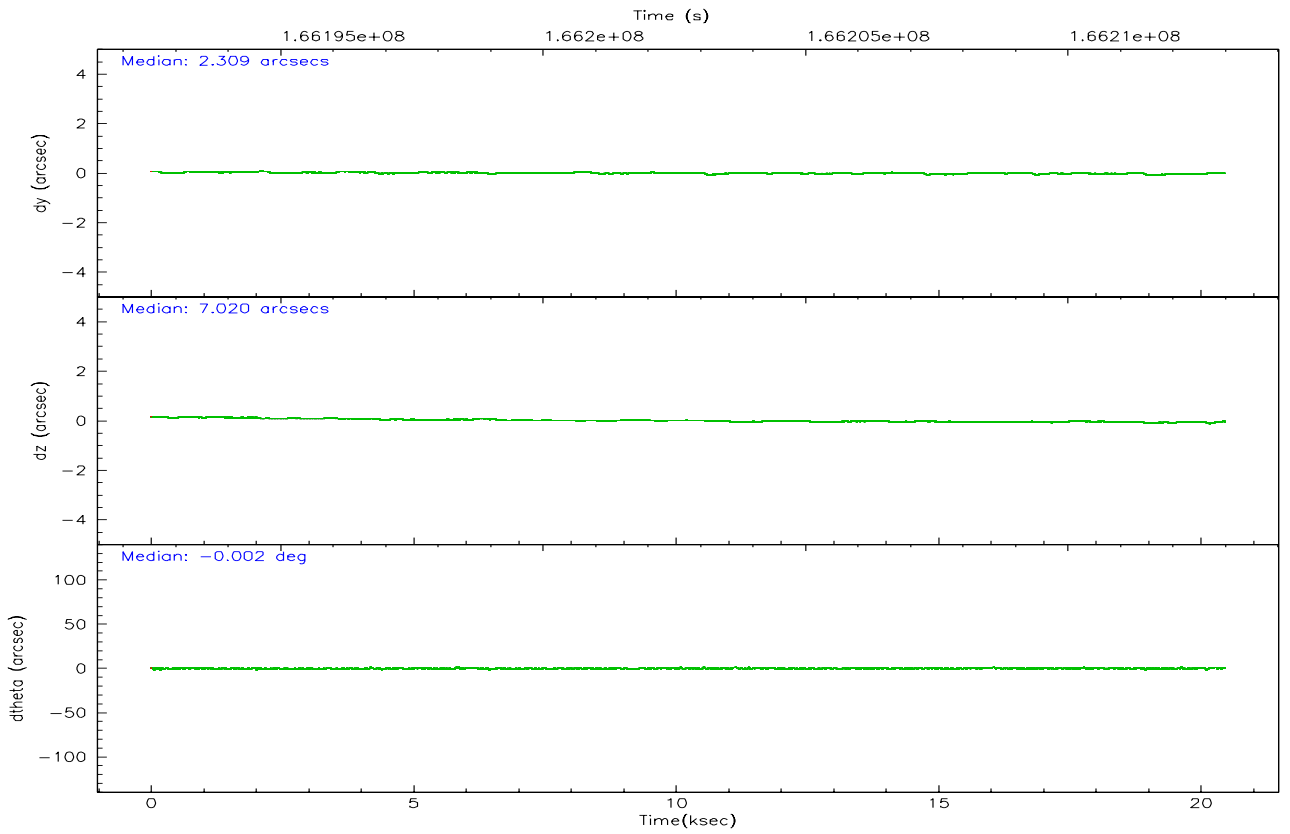
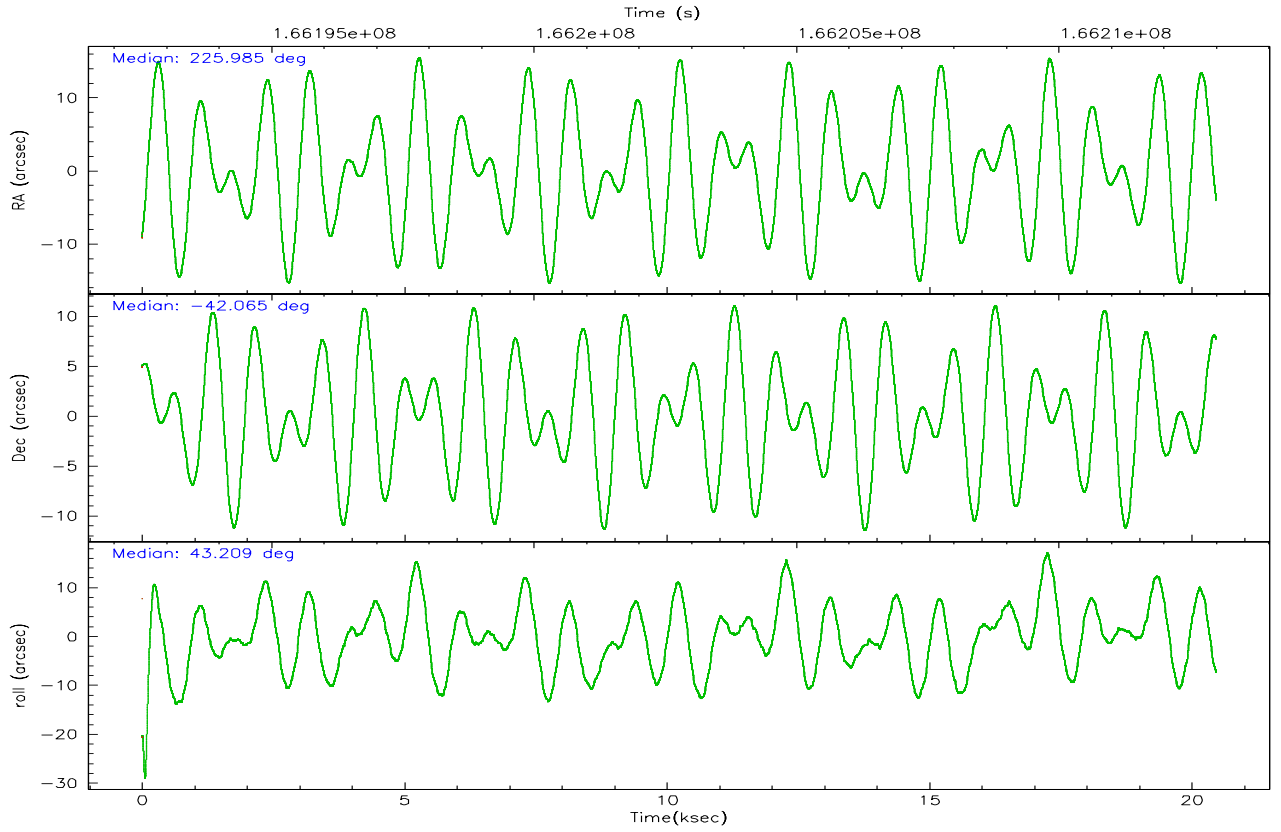
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
grade 0 events	4475	5861	38911	28778	19417
	4%	5%	25%	21%	13%
grade 1 events	40	49	183	167	44
	0%	0%	0%	0%	0%
grade 2 events	2444	2363	5466	3661	23075
	2%	2%	3%	2%	16%
grade 3 events	1143	1288	1800	1486	7542
	1%	1%	1%	1%	5%
grade 4 events	1091	1257	1836	1432	7417
	1%	1%	1%	1%	5%
grade 5 events	3171	3337	2987	3473	7910
	3%	3%	1%	2%	5%
grade 6 events	1786	2146	2134	1990	30103
	1%	2%	1%	1%	21%
grade 7 events	81886	85668	97241	93275	46801
	85%	84%	64%	69%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01237	ACIS-01237	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	225.974553	225.9850870893093	Alternating exposures requested	N	N
Pointing Dec	-42.091346	-42.0650801205819	Primary exposure time	0.000000	3.1
Pointing Roll	42.996882	43.21263805191426			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
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	166192709.184000	166192333.55877			
Observation start date	2003-04-08T12:37:25	2003-04-08T12:32:13			
Observation end time	166212989.184000	166213123.12215			
Observation end date	2003-04-08T18:15:25	2003-04-08T18:18:43			
Read mode	TIMED	TIMED			

2.3 Aspect



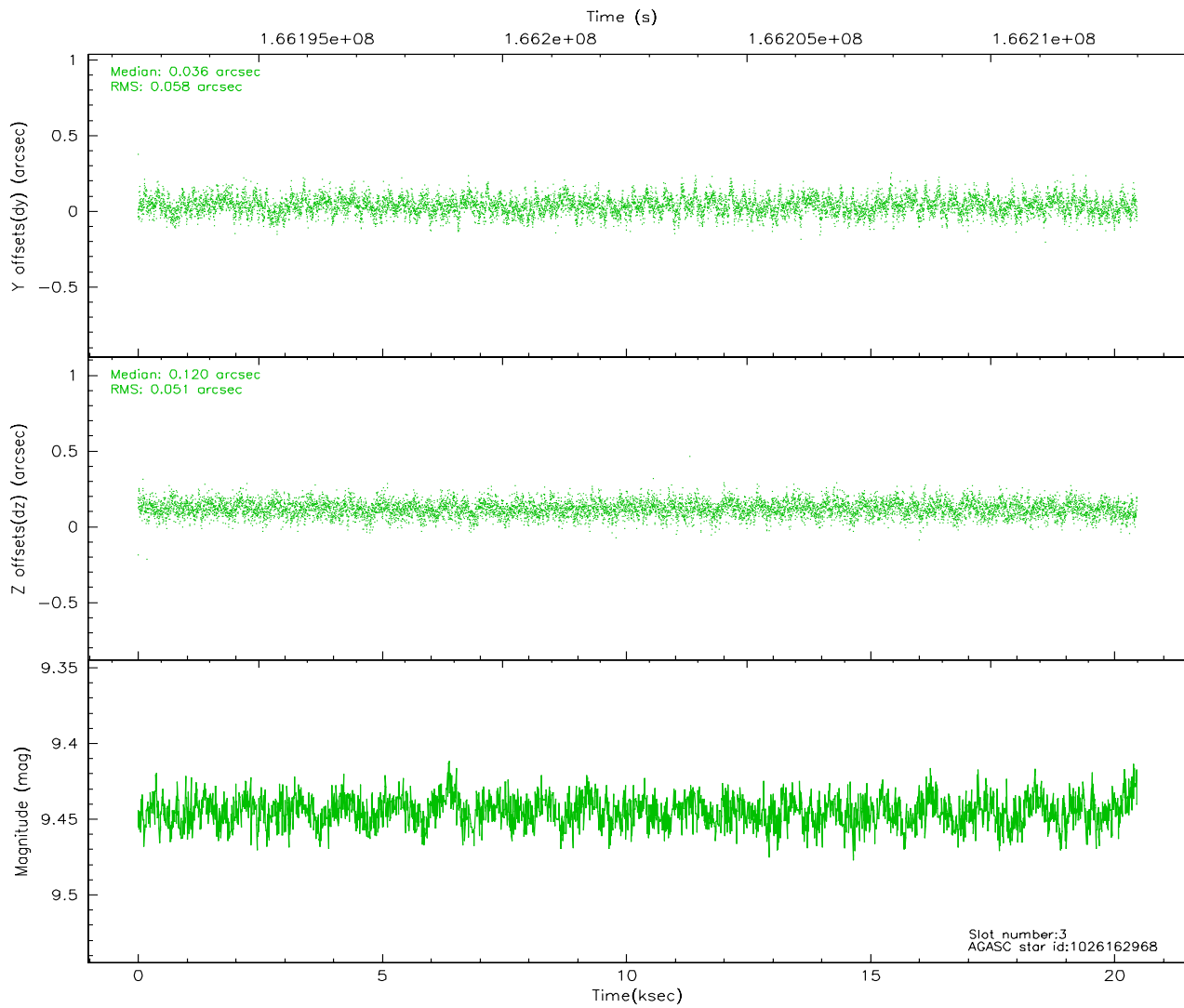
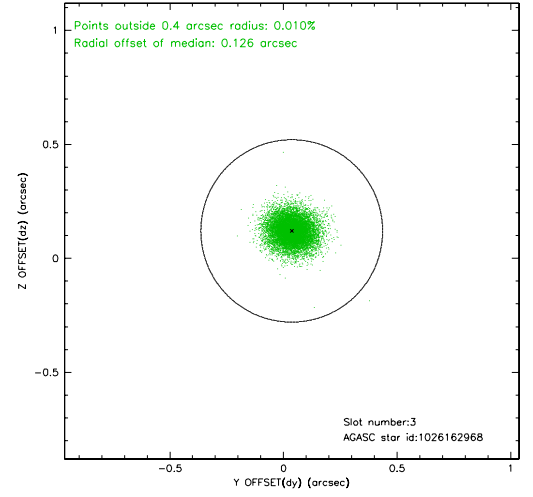
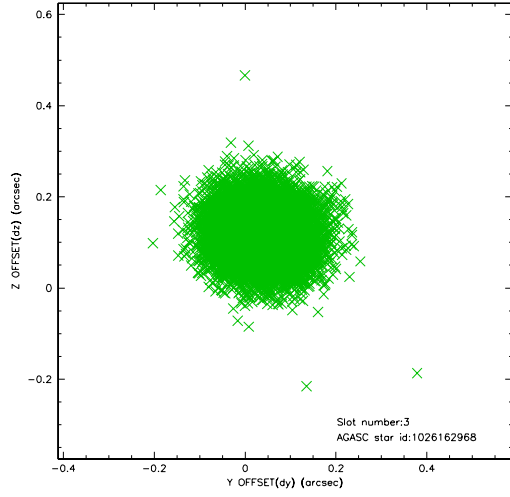


Slot Statistics

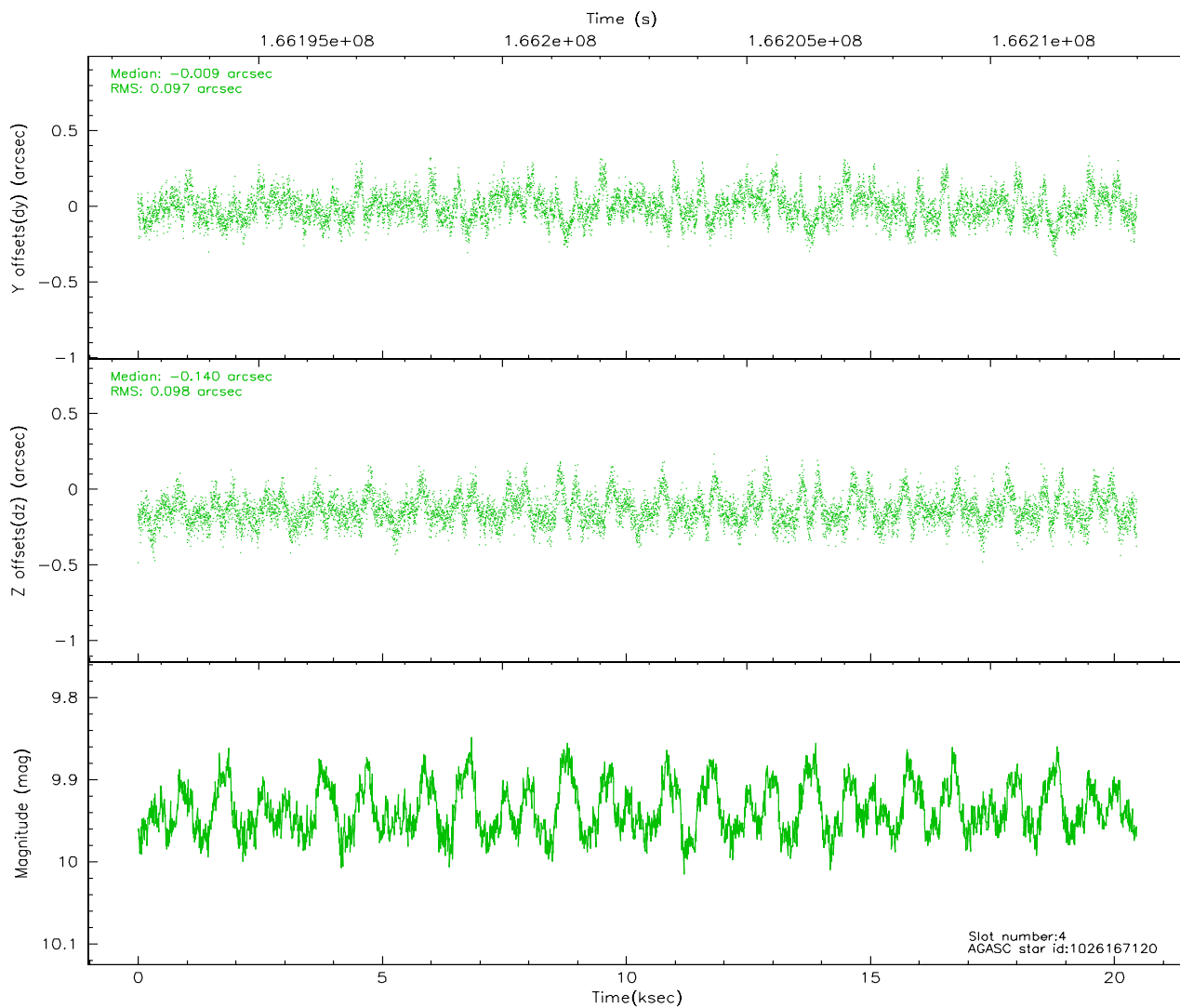
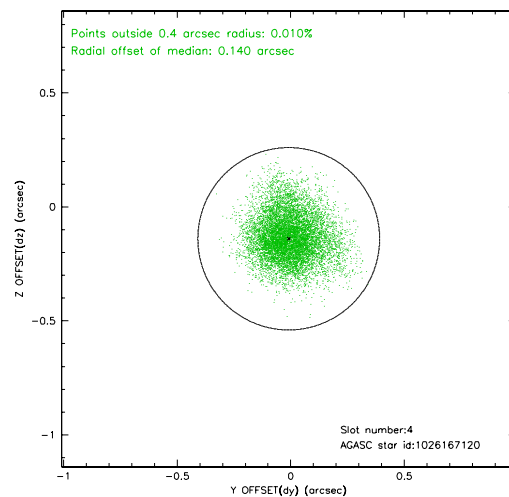
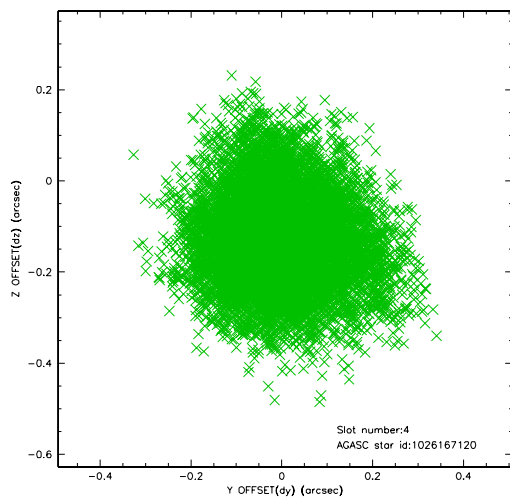
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	4992	-0.041	-0.026	0.008	0.013	0.000000	0.000000	937.46	-830.46
1	FID	ACIS-I-4	7.17	4992	-0.008	0.061	0.007	0.012	0.000000	0.000000	2157.65	1069.34
2	FID	ACIS-I-5	7.23	4992	-0.049	0.035	0.006	0.011	0.000000	0.000000	-1810.31	1067.39
3	GUIDE	1026162968	9.44	9979	0.036	0.120	0.082	0.133	225.835985	-42.679852	-1713.16	-1299.62
4	GUIDE	1026167120	9.94	9971	-0.009	-0.140	0.148	0.241	225.363978	-41.769423	-412.94	1961.12
5	GUIDE	1026170368	9.31	9980	0.048	0.131	0.082	0.132	225.763429	-42.291155	-902.15	-142.85
6	GUIDE	1026170800	9.03	9981	0.067	-0.050	0.116	0.175	225.400024	-42.381702	-1833.80	273.52
7	GUIDE	1026182352	9.58	9977	-0.147	-0.065	0.094	0.150	225.929114	-41.603566	1107.51	1367.78

2.4 Star Slots

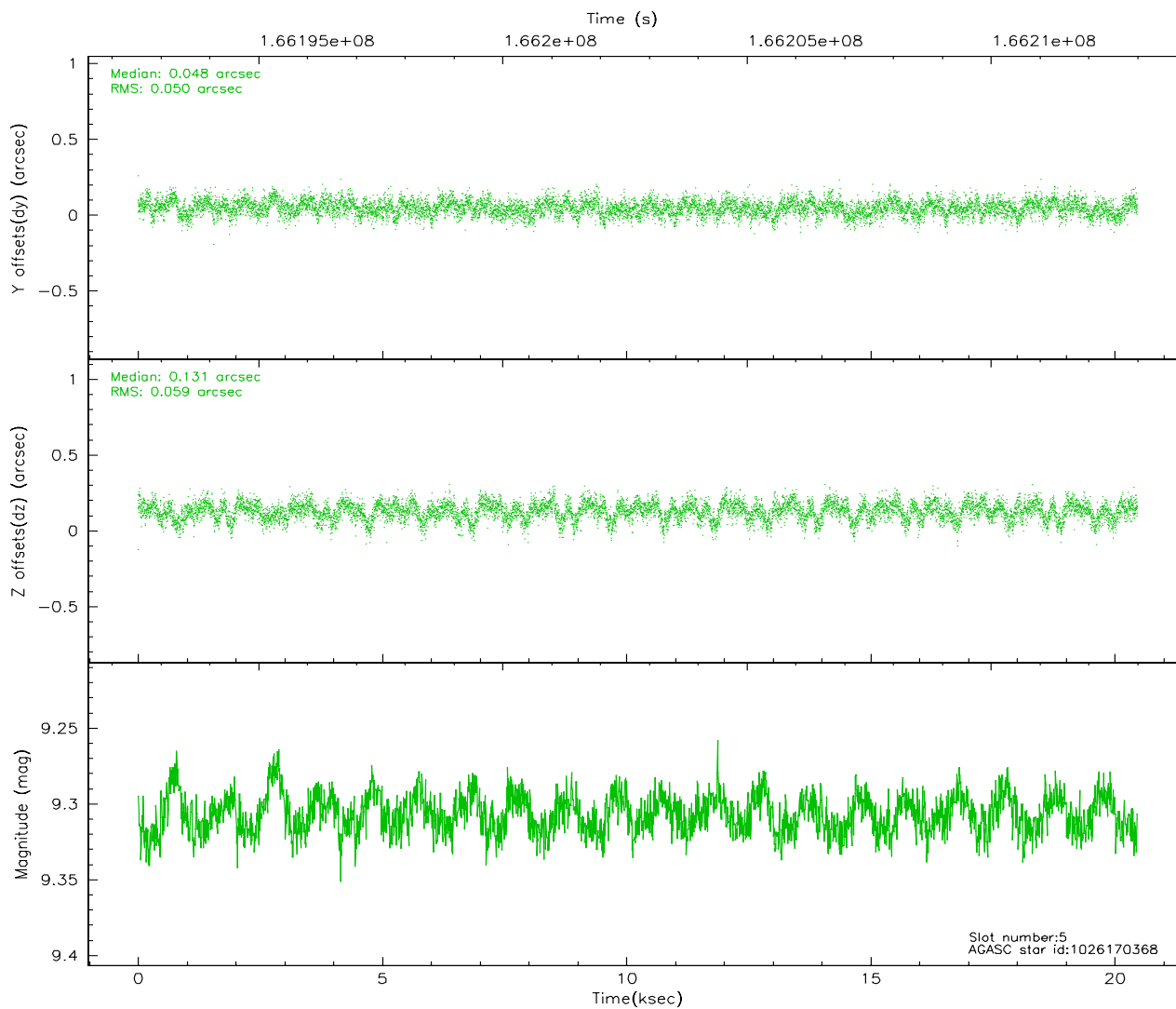
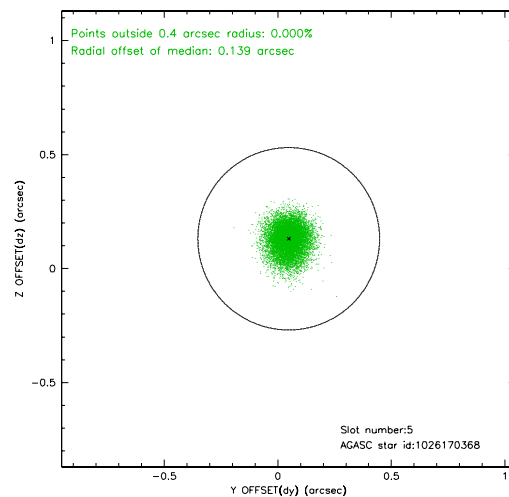
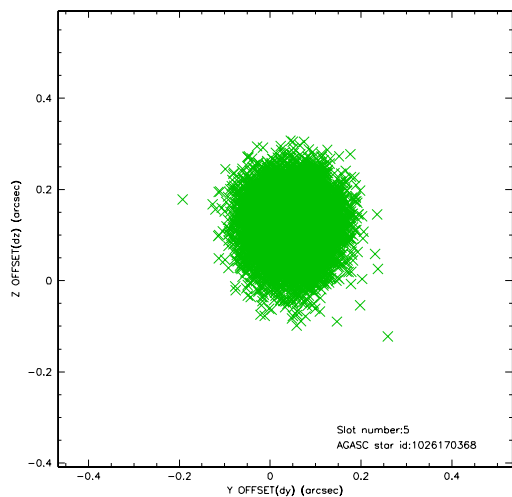
2.4.1 Slot 3



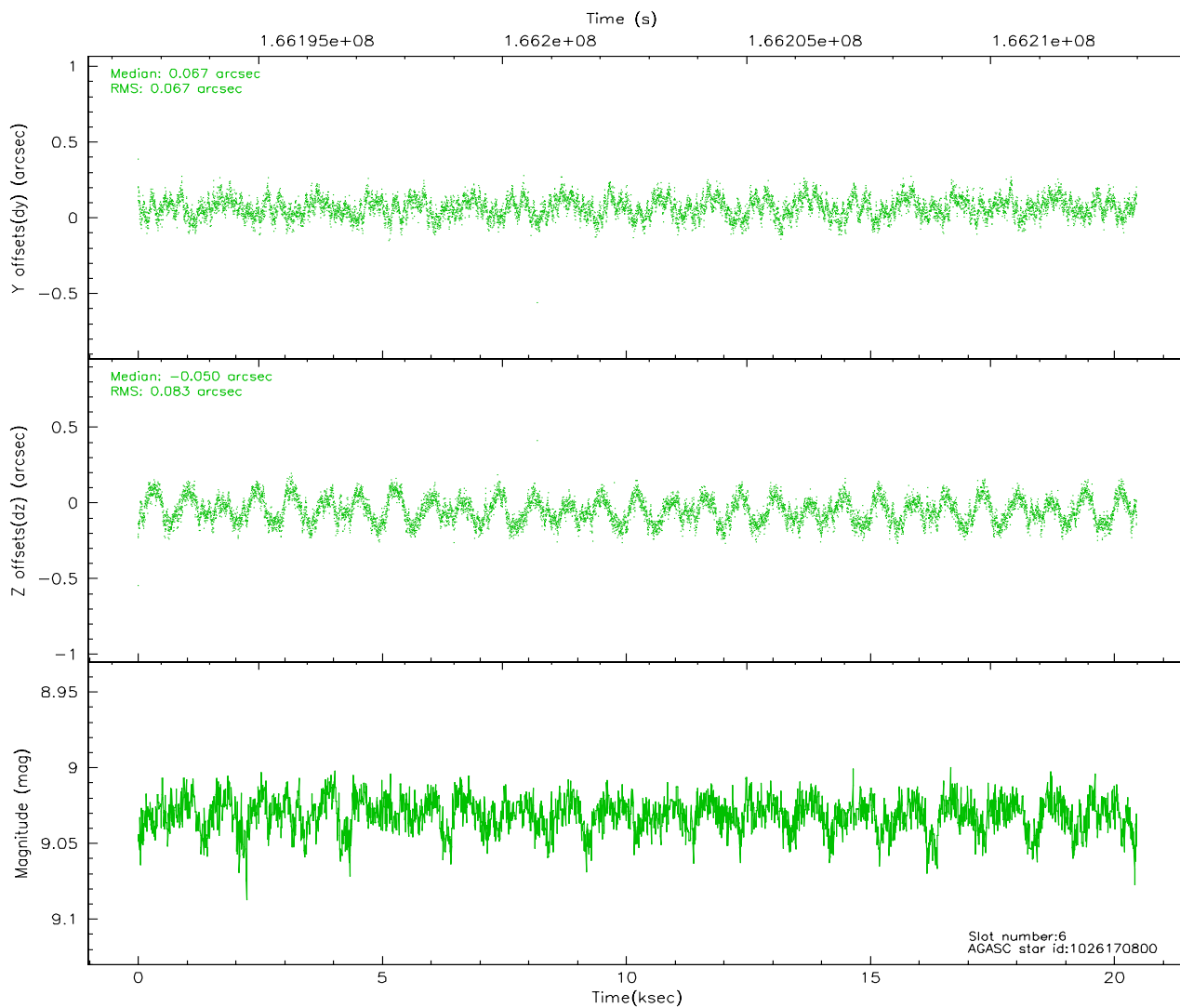
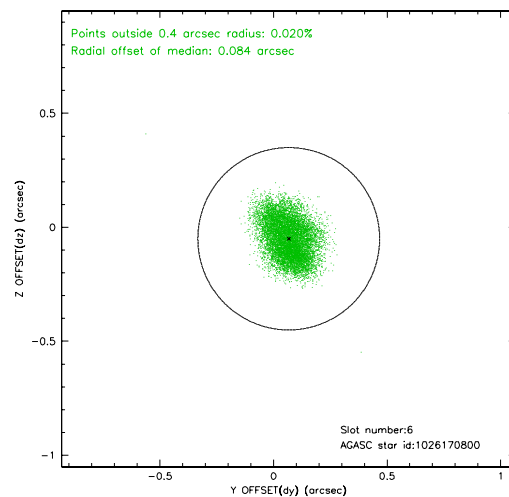
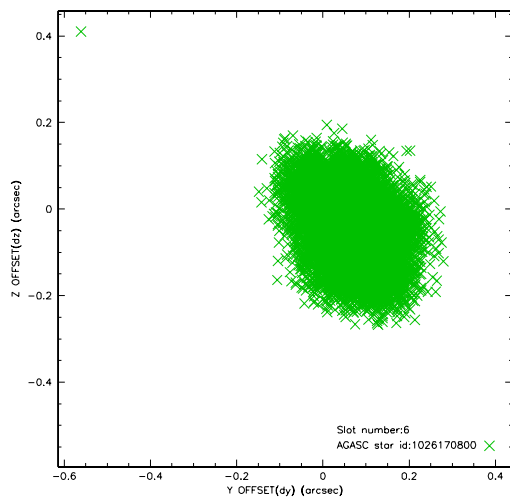
2.4.2 Slot 4



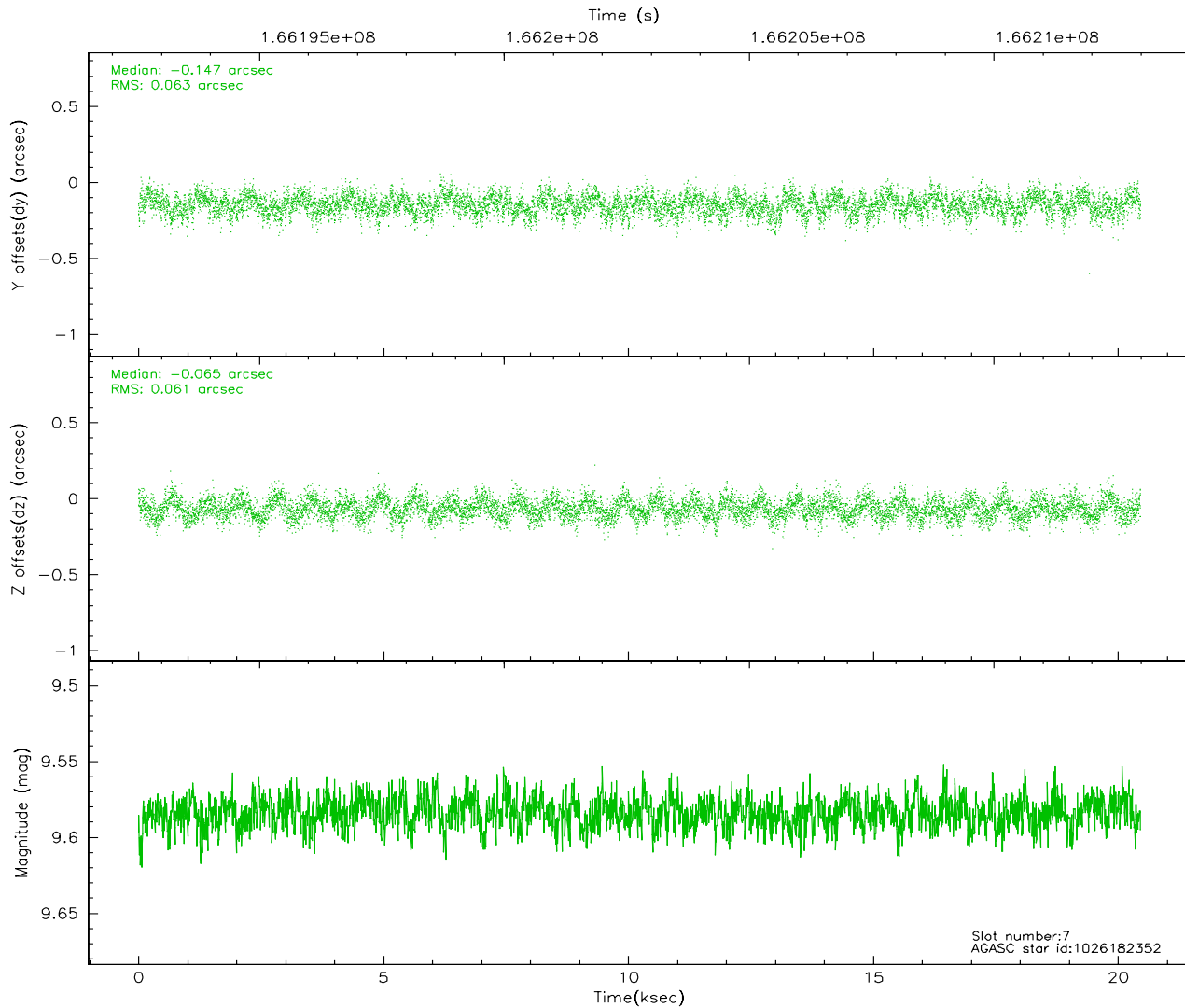
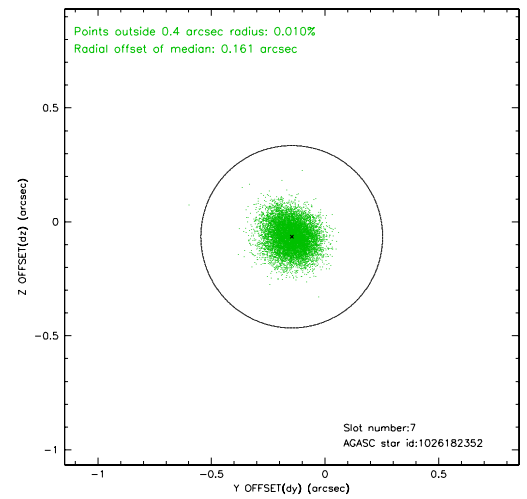
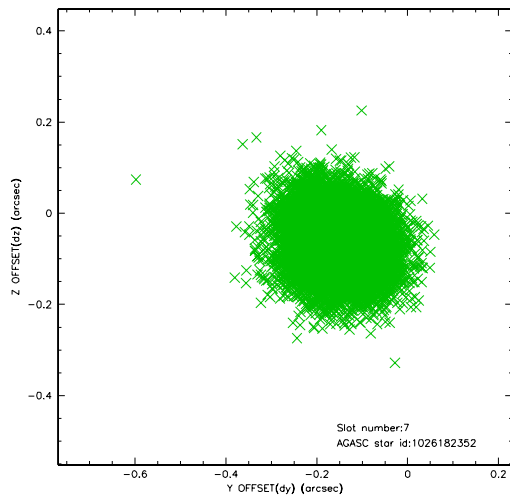
2.4.3 Slot 5



2.4.4 Slot 6

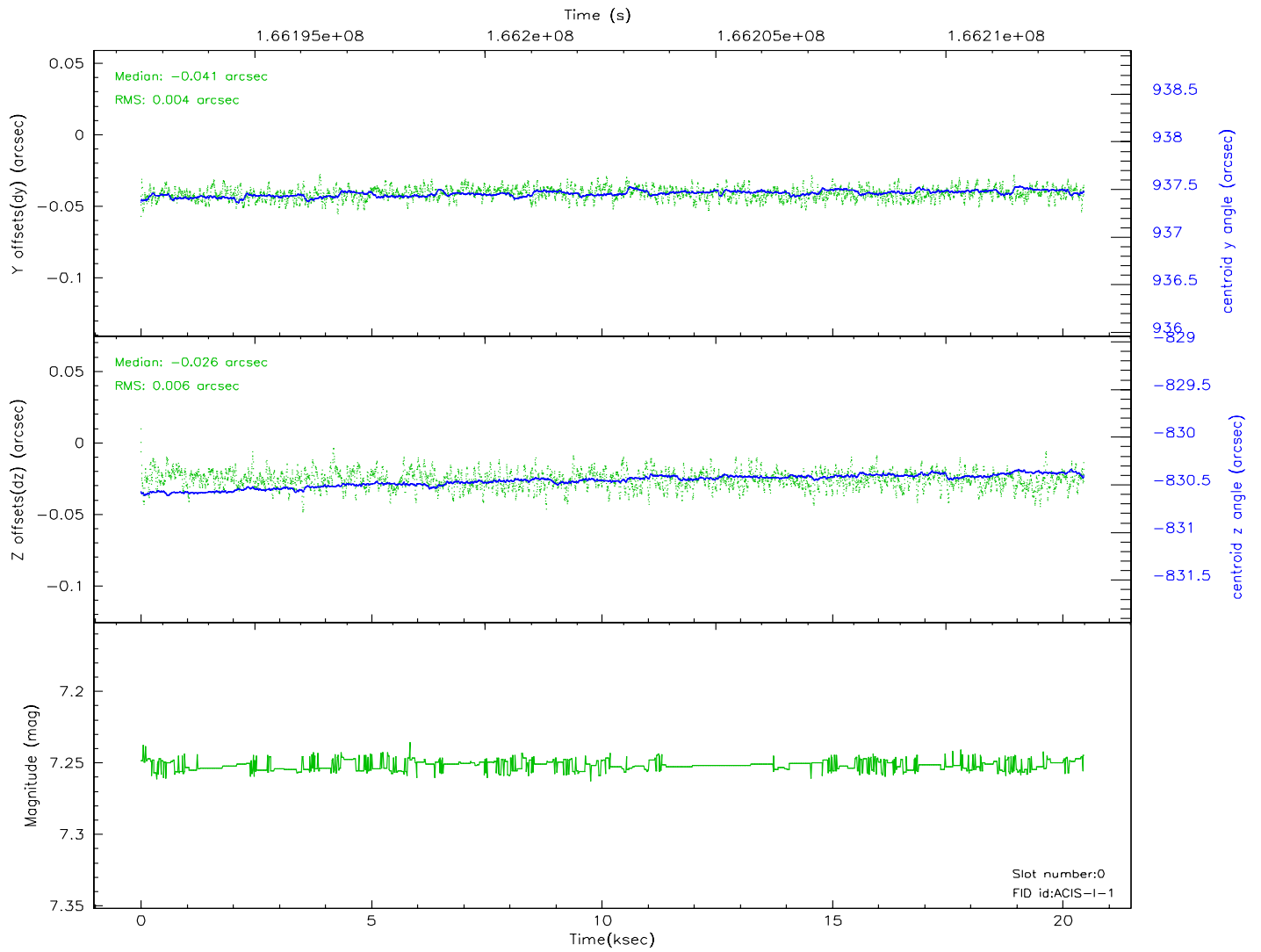
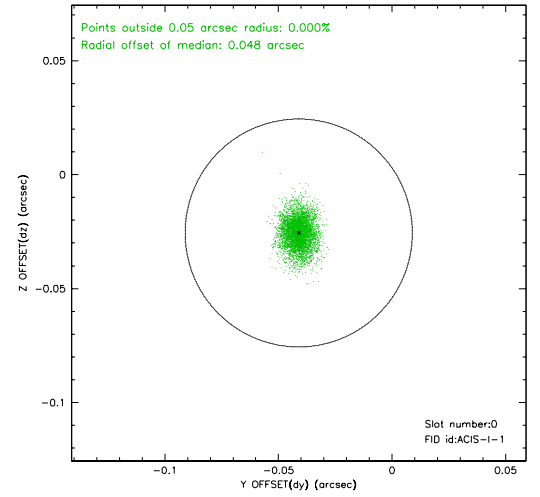
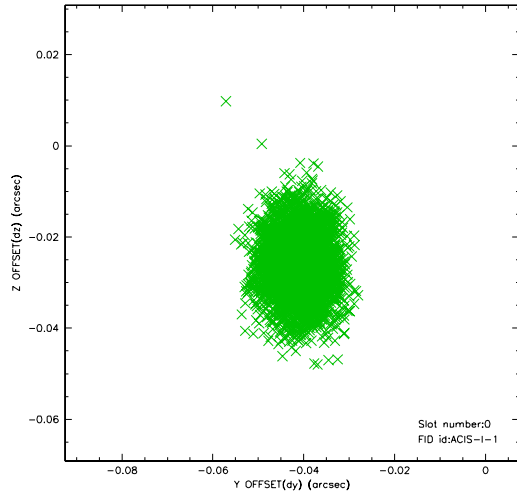


2.4.5 Slot 7

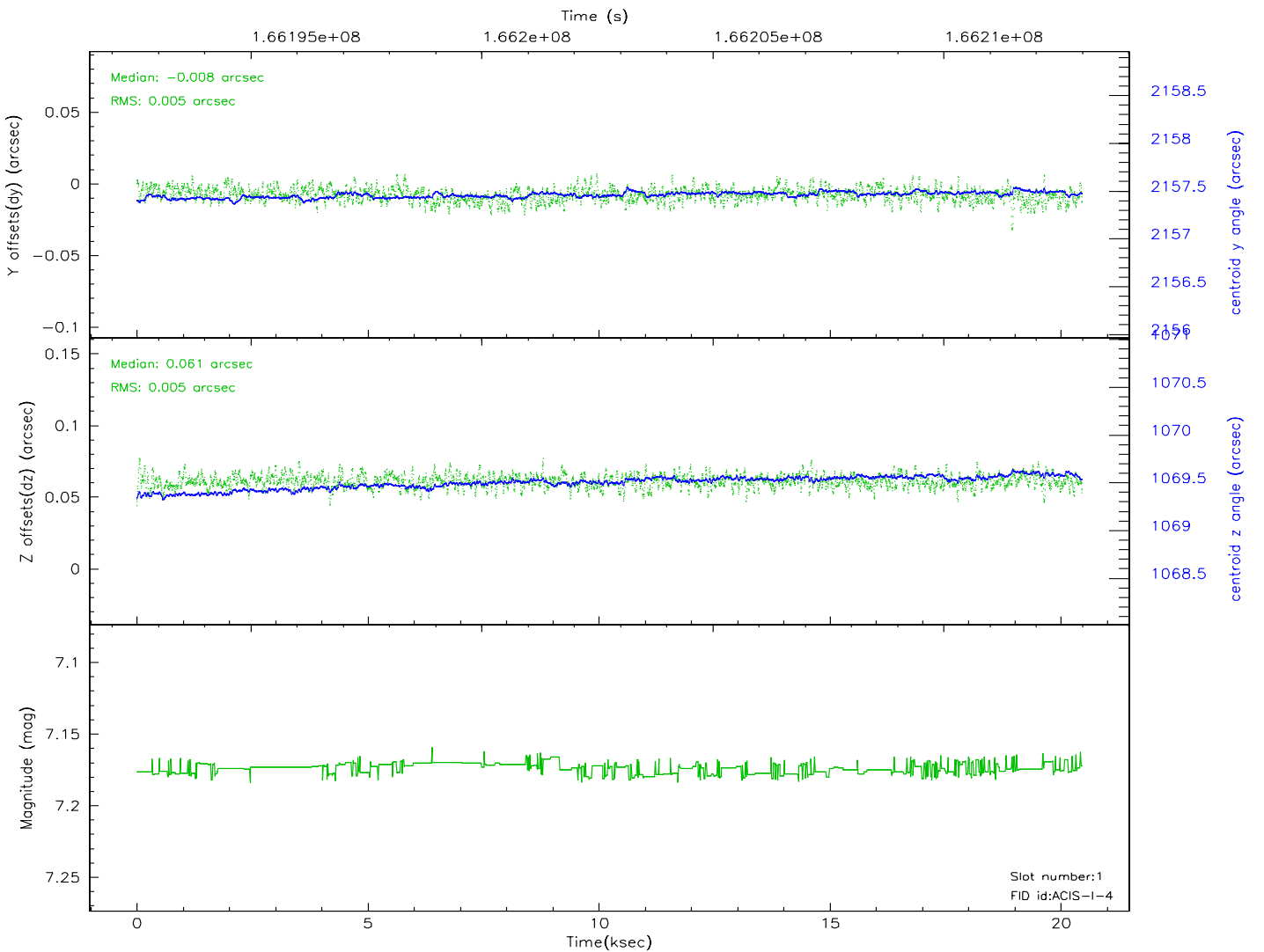
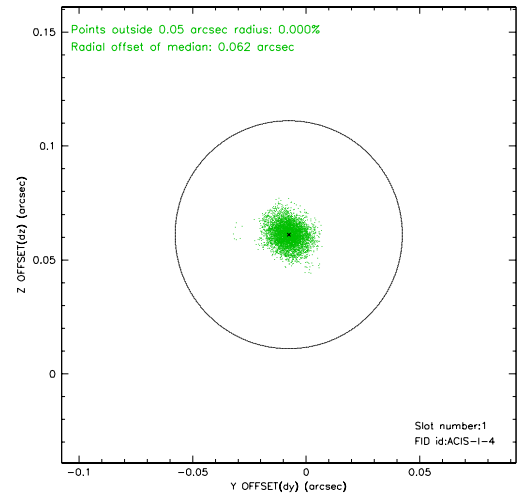
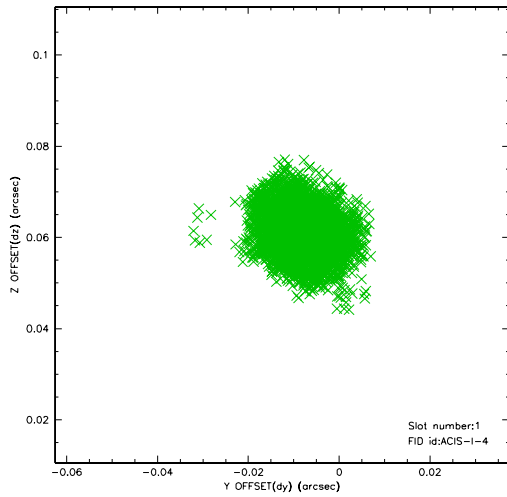


2.5 FID Slots

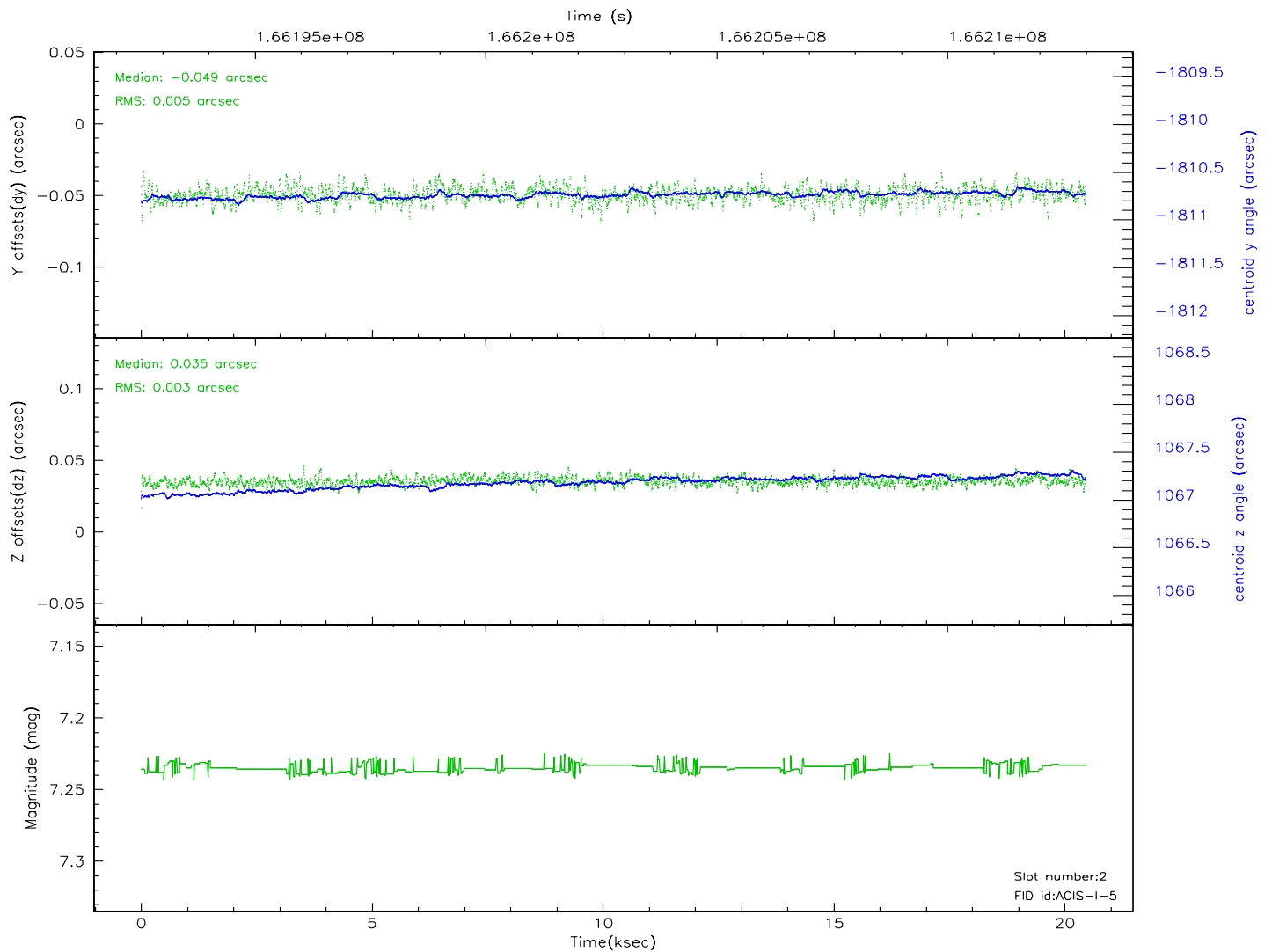
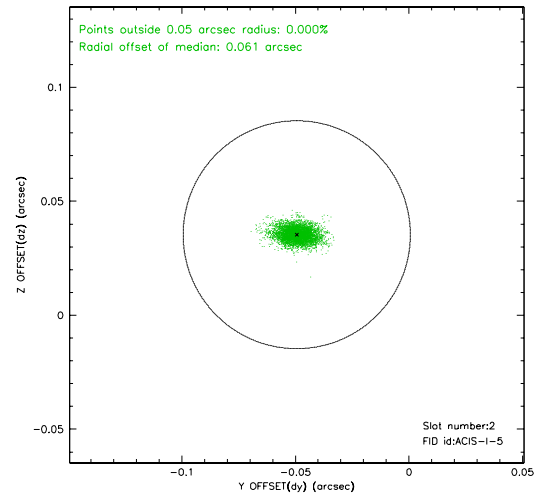
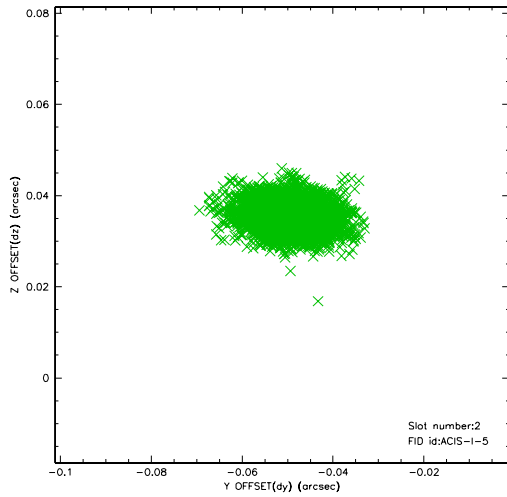
2.5.1 Slot 0



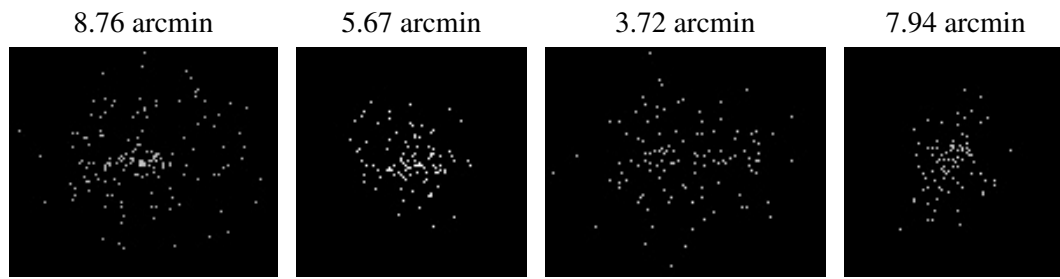
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.053

A.2 Comments