

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6694 - L2 Version 2
Chandra X-Ray Center

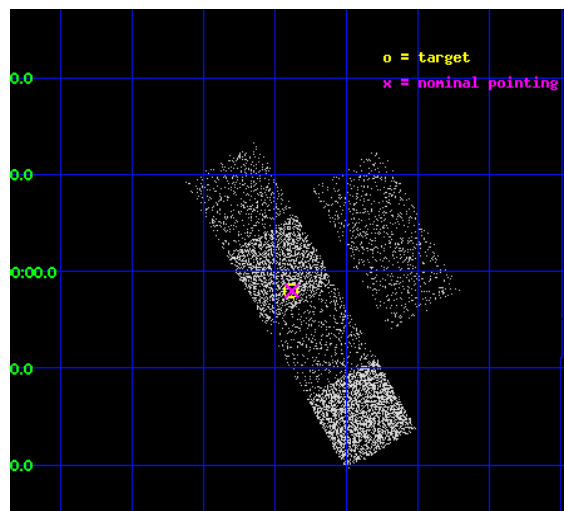
L2 Processing Date : Apr 3 2012

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1 Front

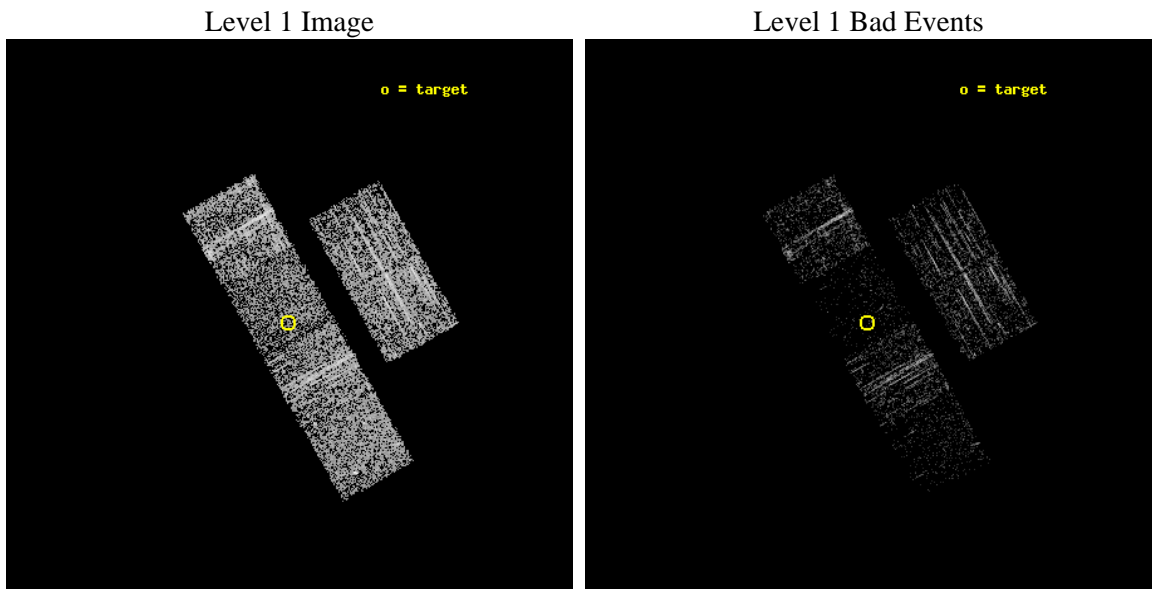
seq_num	500645	Sequence number
obs_id	6694	Observation id
title	A High Purity Discovery Program for Isolated Neutron Stars	Proposa
observer	Dr. Scott Anderson	Principal investigator
object	1RXS J142423.3-020201	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.097083	Observer's specified target RA [deg]
dec_targ	-2.033611	Observer's specified target Dec [deg]
ra_nom	216.09550909697	Nominal RA [deg]
dec_nom	-2.0337940079137	Nominal Dec [deg]
roll_nom	240.55708039791	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1097.5999959111	Sum of GTIs [s]
livetime	1083.7015238675	Livetime [s]
ontime2	1097.5999959111	Sum of GTIs [s]
ontime3	1097.5999959111	Sum of GTIs [s]
ontime5	1097.5999959111	Sum of GTIs [s]
ontime6	1097.5999959111	Sum of GTIs [s]
ontime7	1097.5999959111	Sum of GTIs [s]
ontime8	1097.5999959111	Sum of GTIs [s]
l2events	7370	Number of level 2 events



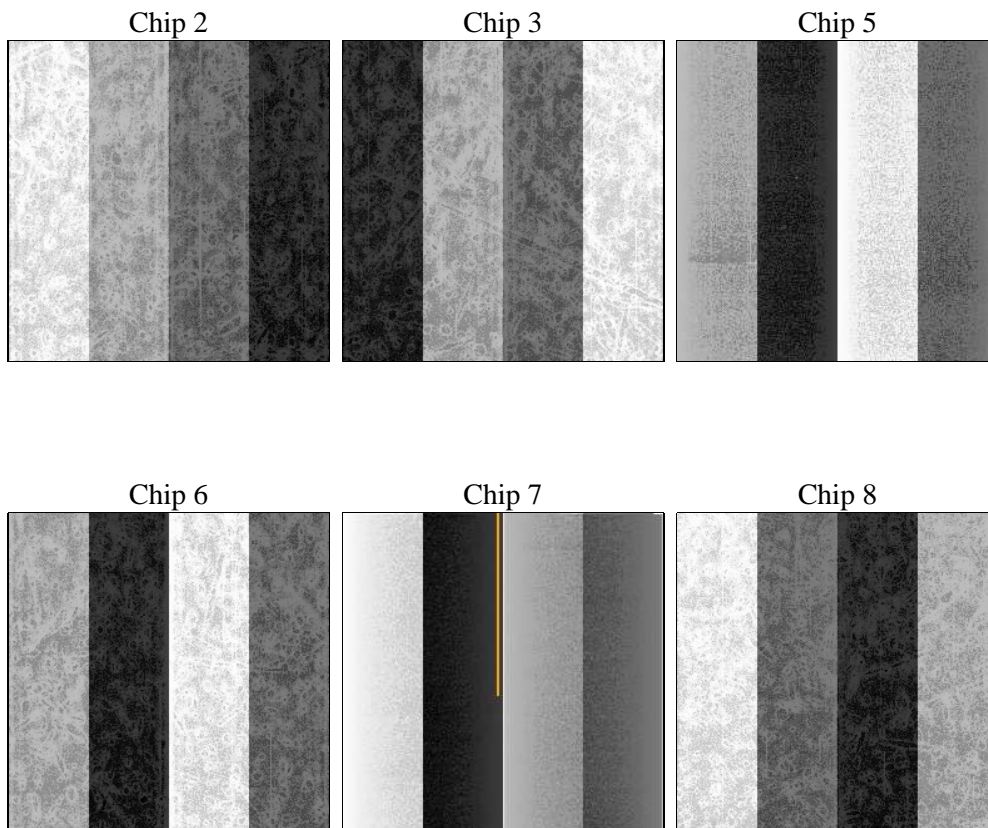
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1097.5999959111	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	1097.5999959111	Sum of GTIs [s]
date	2012-04-03T11:09:01	Date and time of file creation	ontime3	1097.5999959111	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1097.5999959111	Sum of GTIs [s]
			ontime6	1097.5999959111	Sum of GTIs [s]
			ontime7	1097.5999959111	Sum of GTIs [s]
			ontime8	1097.5999959111	Sum of GTIs [s]
			l1events	41166	Number of level 1 events

2.1.4 Events

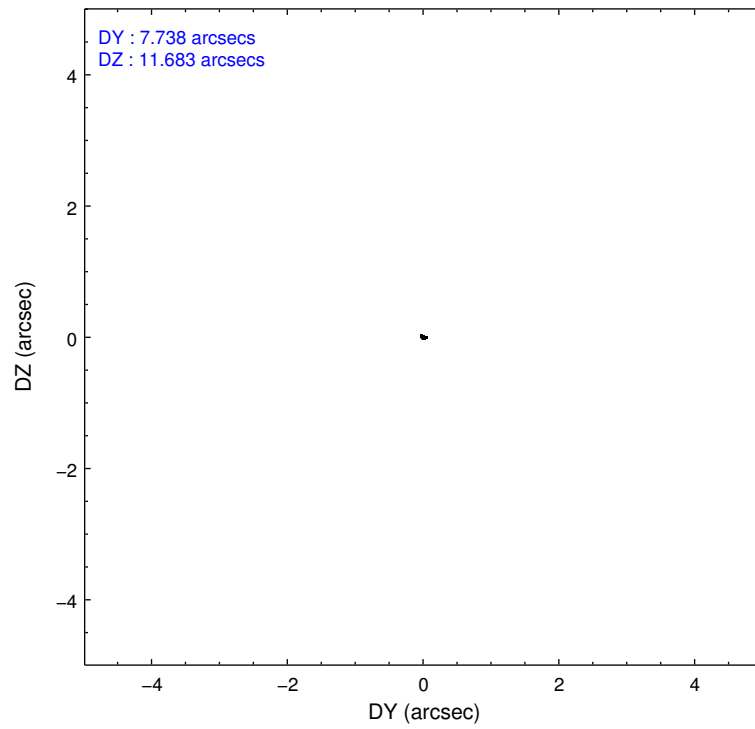
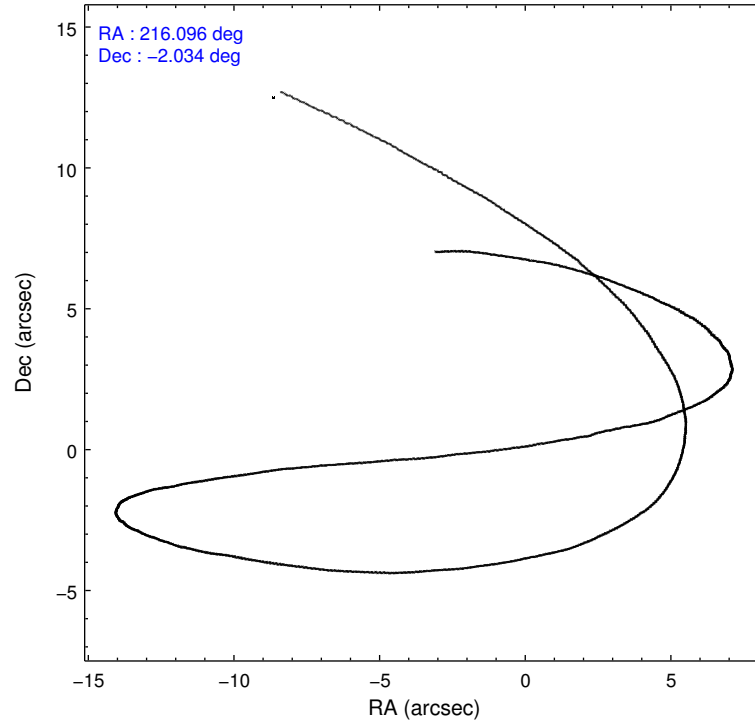
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	8183	6884	6144	7443	3920	8592
rejected events	7594	6378	2501	6822	1649	6751
rejected %	92%	92%	40%	91%	42%	78%

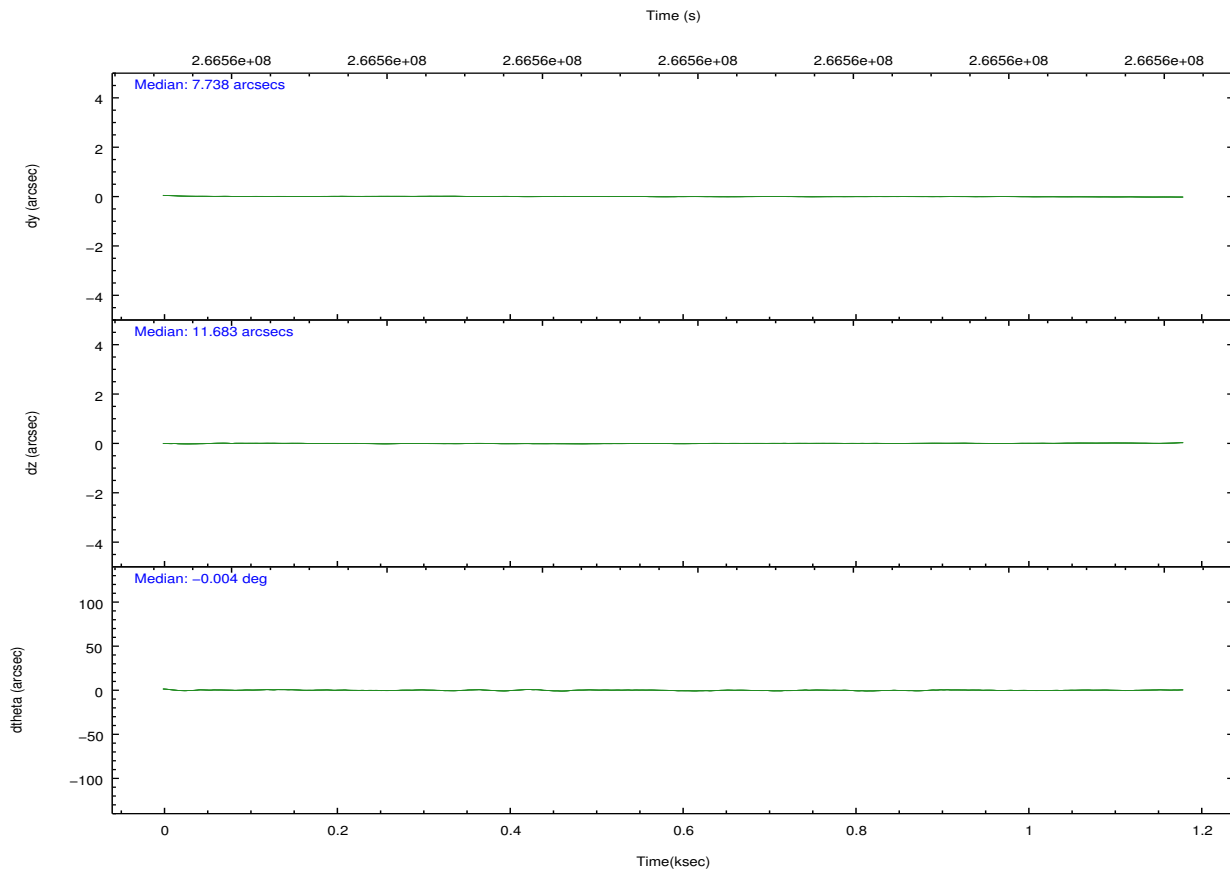
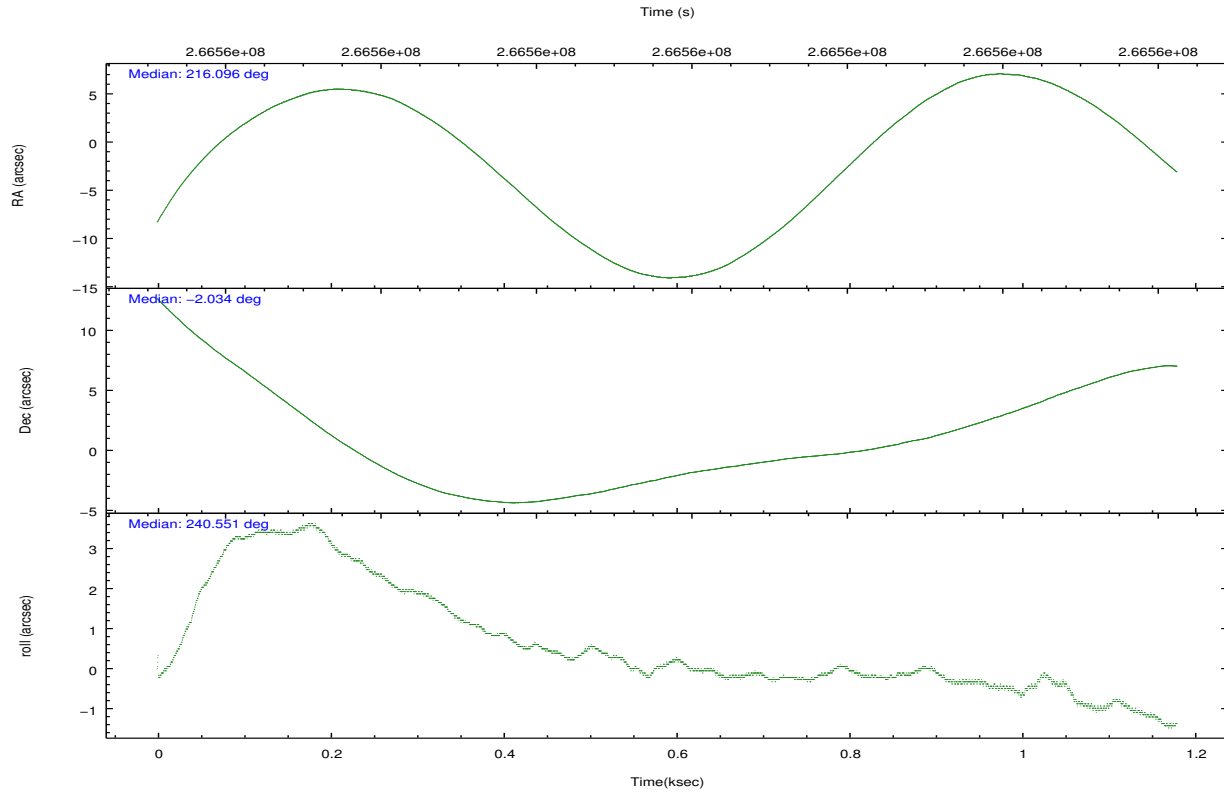
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	253	199	491	252	305	493
	3%	2%	7%	3%	7%	5%
grade 1 events	4	4	18	4	11	6
	0%	0%	0%	0%	0%	0%
grade 2 events	147	113	1174	112	542	411
	1%	1%	19%	1%	13%	4%
grade 3 events	60	58	200	75	243	234
	0%	0%	3%	1%	6%	2%
grade 4 events	55	54	193	64	237	212
	0%	0%	3%	0%	6%	2%
grade 5 events	97	116	517	142	416	238
	1%	1%	8%	1%	10%	2%
grade 6 events	78	83	1603	123	959	495
	0%	1%	26%	1%	24%	5%
grade 7 events	7489	6257	1948	6671	1207	6503
	91%	90%	31%	89%	30%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	216.094381	216.0955090969674	Subarray requested	NONE	NONE
[deg] Pointing Dec	-2.006651	-2.033794007913726	Alternating exposures requested	N	N
[deg] Pointing Roll	240.400413	240.5570803979051	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	266561954.184000	266560919.73457			
Observation start date	2006-06-13T04:58:09	2006-06-13T04:41:59			
[s] Observation end time (MET)	266562954.184000	266563947.07222			
Observation end date	2006-06-13T05:14:49	2006-06-13T05:32:27			
Read mode	TIMED	TIMED			

2.3 Aspect



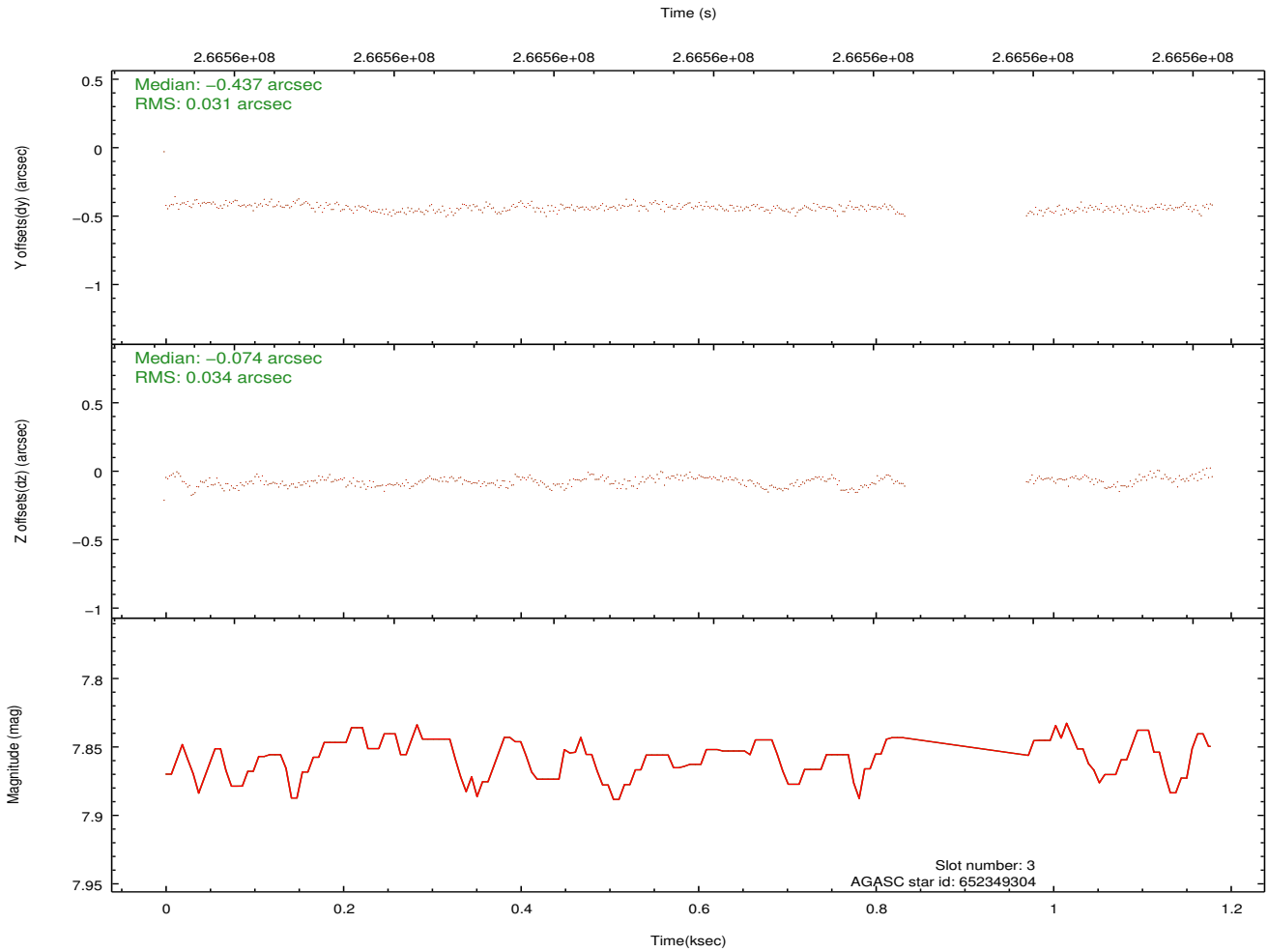
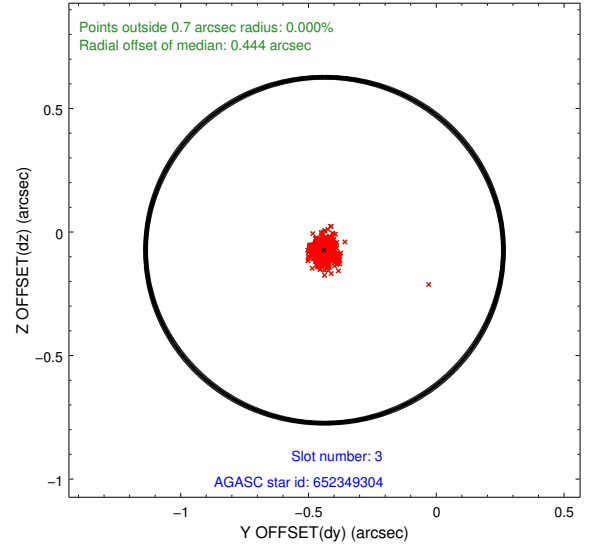
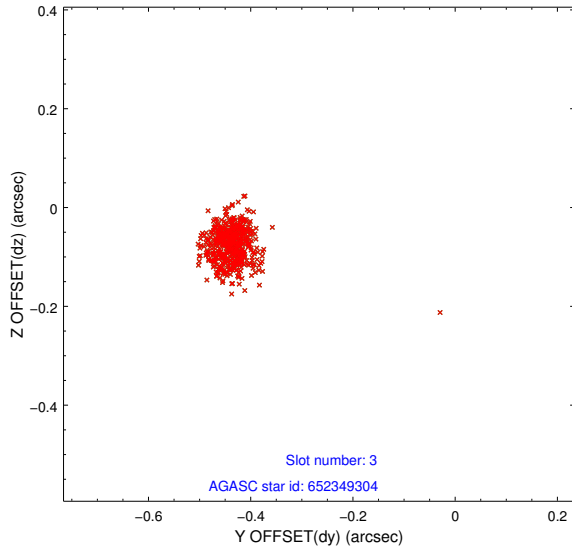


Slot Statistics

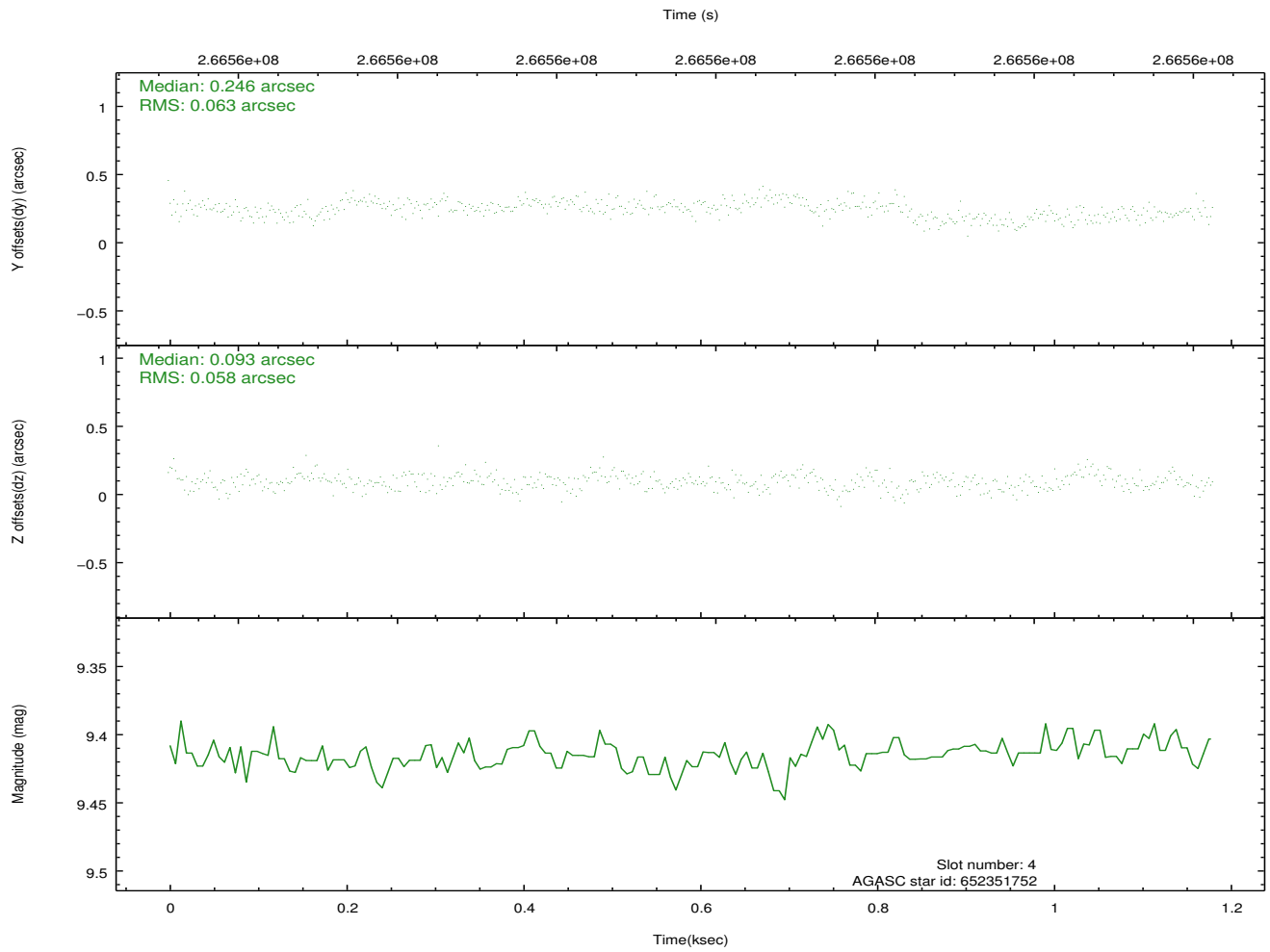
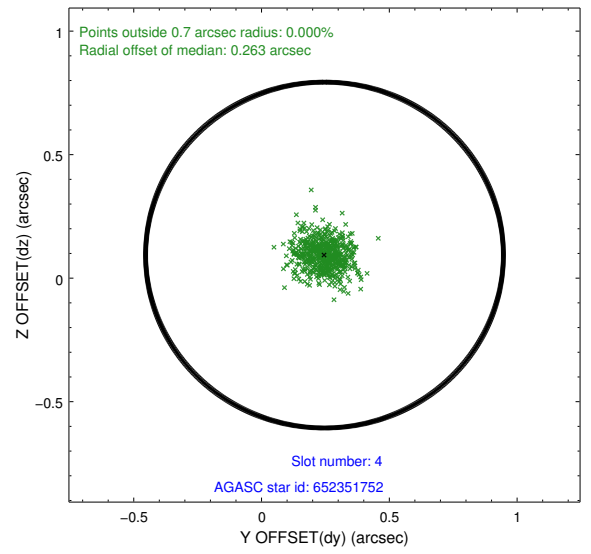
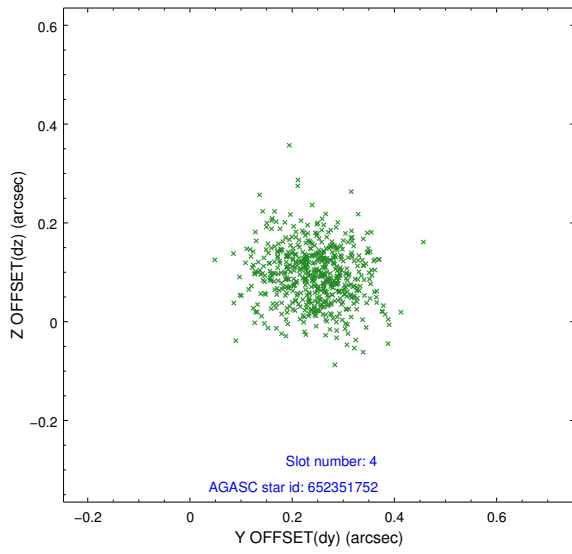
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	288	-0.031	-0.027	0.007	0.014	0.000000	0.000000	-760.53	-1733.01
1	FID	ACIS-S-4	7.20	288	0.110	0.023	0.005	0.009	0.000000	0.000000	2150.31	169.69
2	FID	ACIS-S-5	7.23	288	-0.109	0.014	0.007	0.012	0.000000	0.000000	-1806.20	169.75
3	BAD	652349304	7.86	511	-0.437	-0.074	0.045	0.074	215.704415	-1.571546	-667.33	-1994.50
4	GUIDE	652351752	9.41	577	0.246	0.093	0.089	0.148	215.839675	-2.063357	631.34	-700.89
5	GUIDE	652351848	6.31	577	0.010	-0.010	0.054	0.094	216.149330	-2.342874	957.28	767.25
6	GUIDE	652353576	7.20	577	0.203	-0.003	0.069	0.143	215.494065	-1.988084	1012.74	-1910.85
7	GUIDE	652354384	7.84	576	-0.059	-0.012	0.064	0.109	216.833341	-1.739091	-2147.60	1831.88

2.4 Star Slots

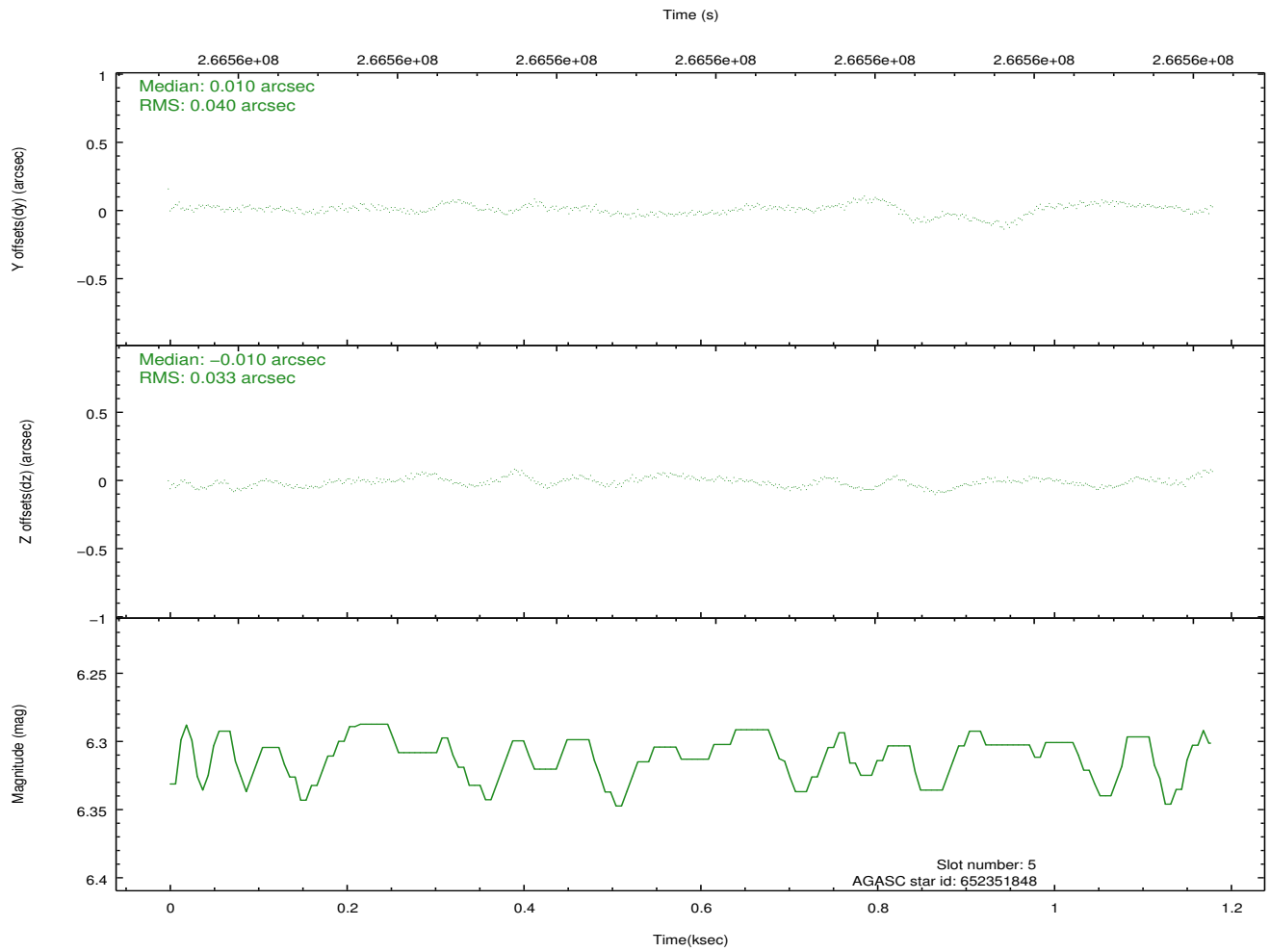
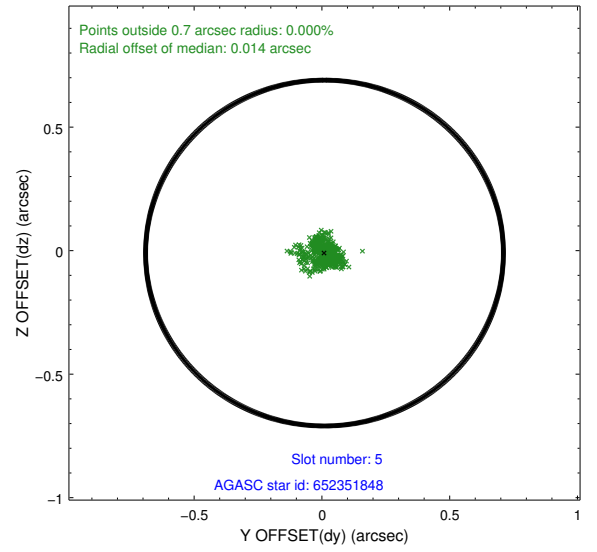
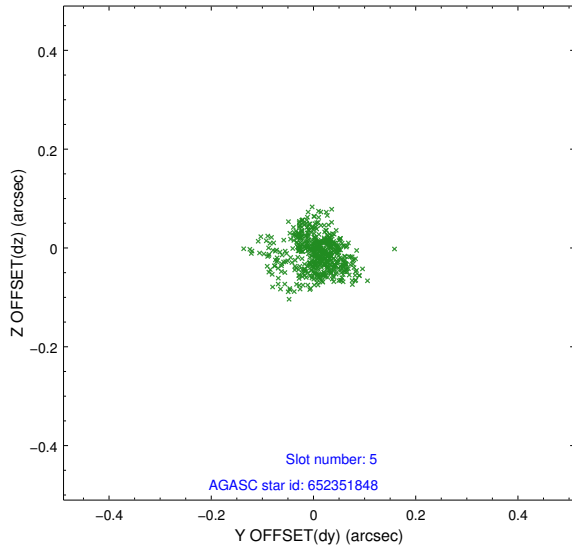
2.4.1 Slot 3



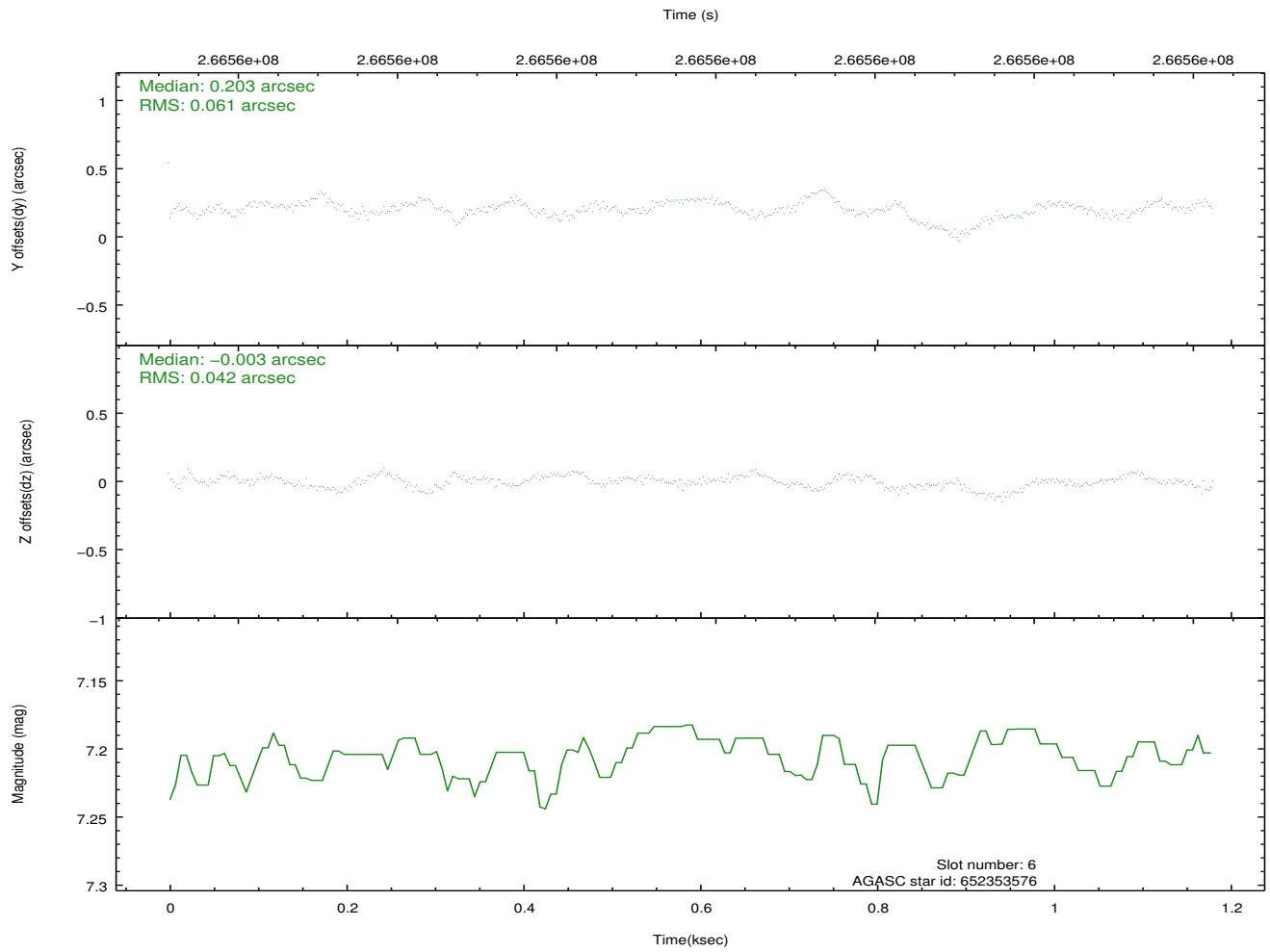
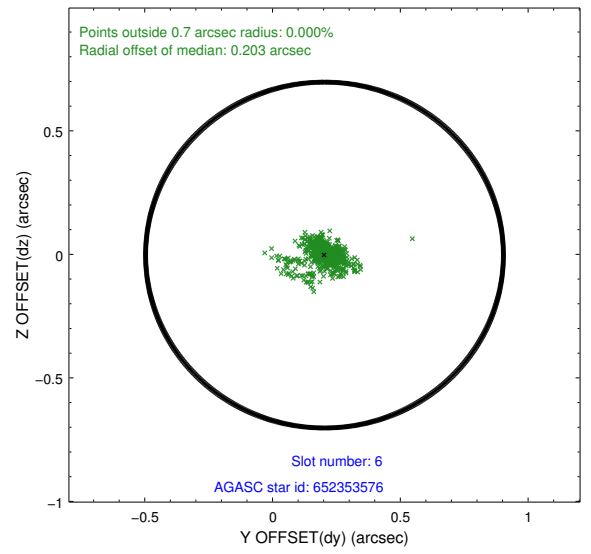
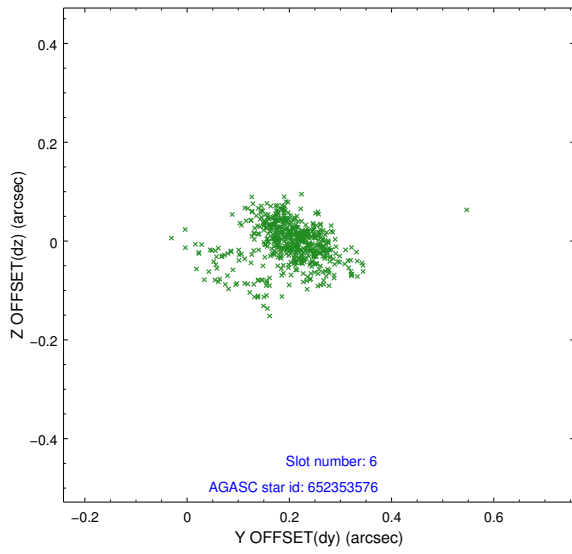
2.4.2 Slot 4



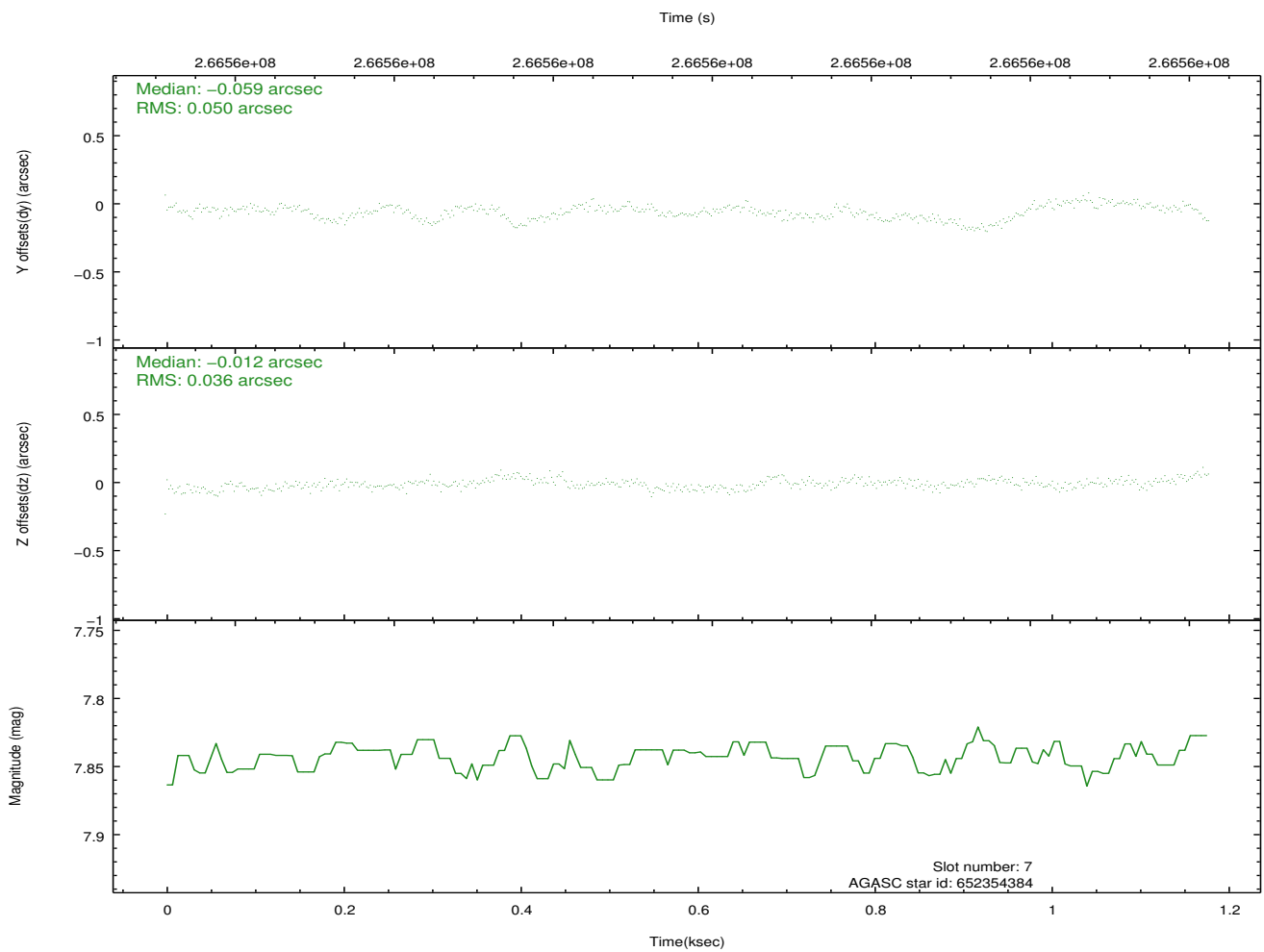
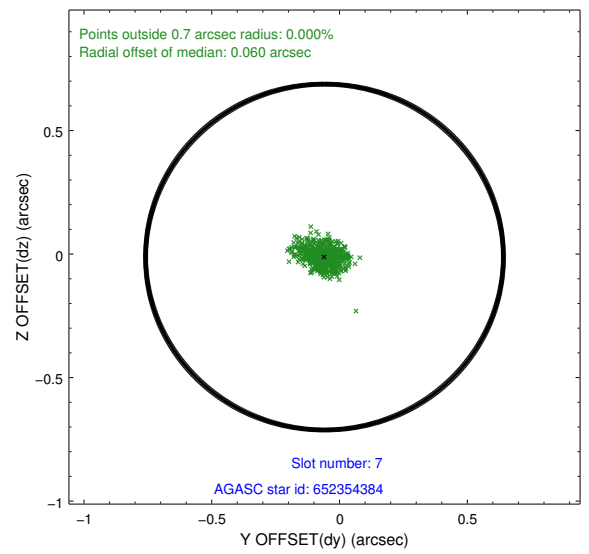
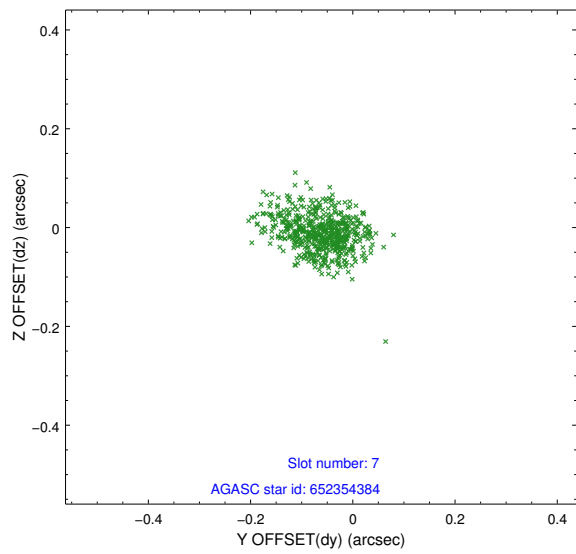
2.4.3 Slot 5



2.4.4 Slot 6

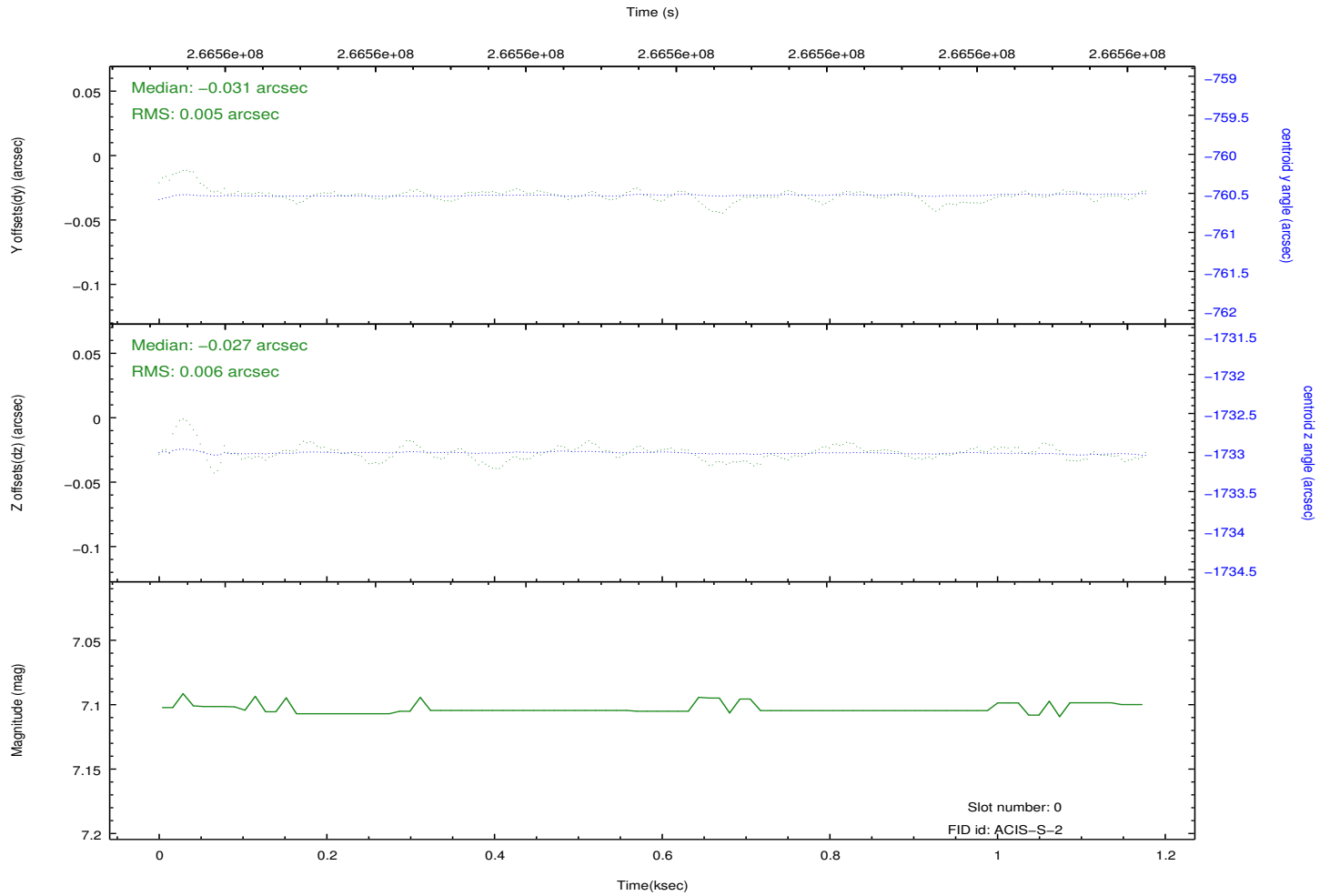
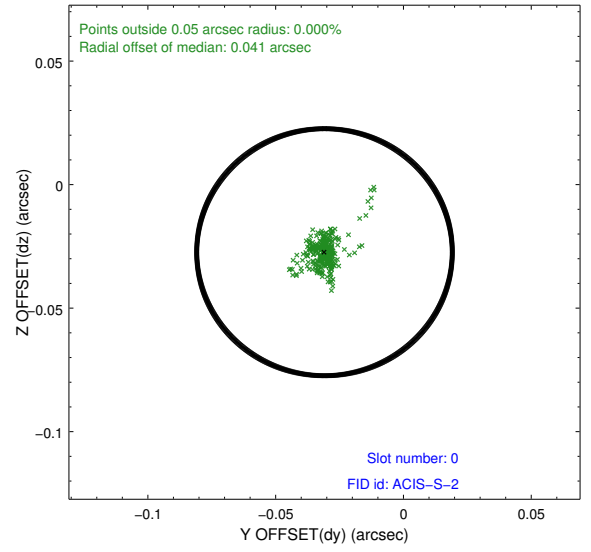
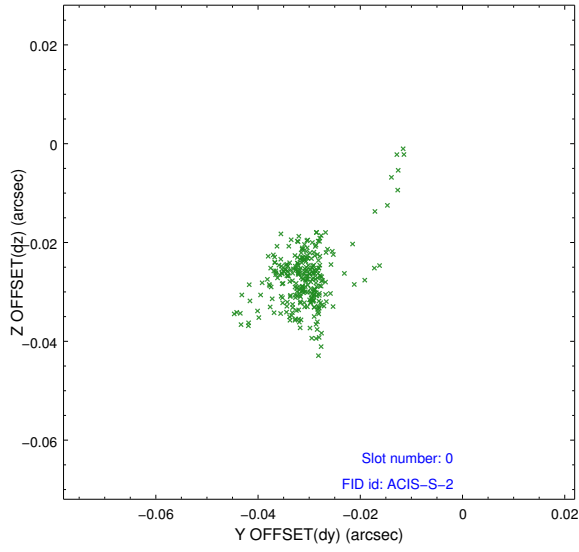


2.4.5 Slot 7

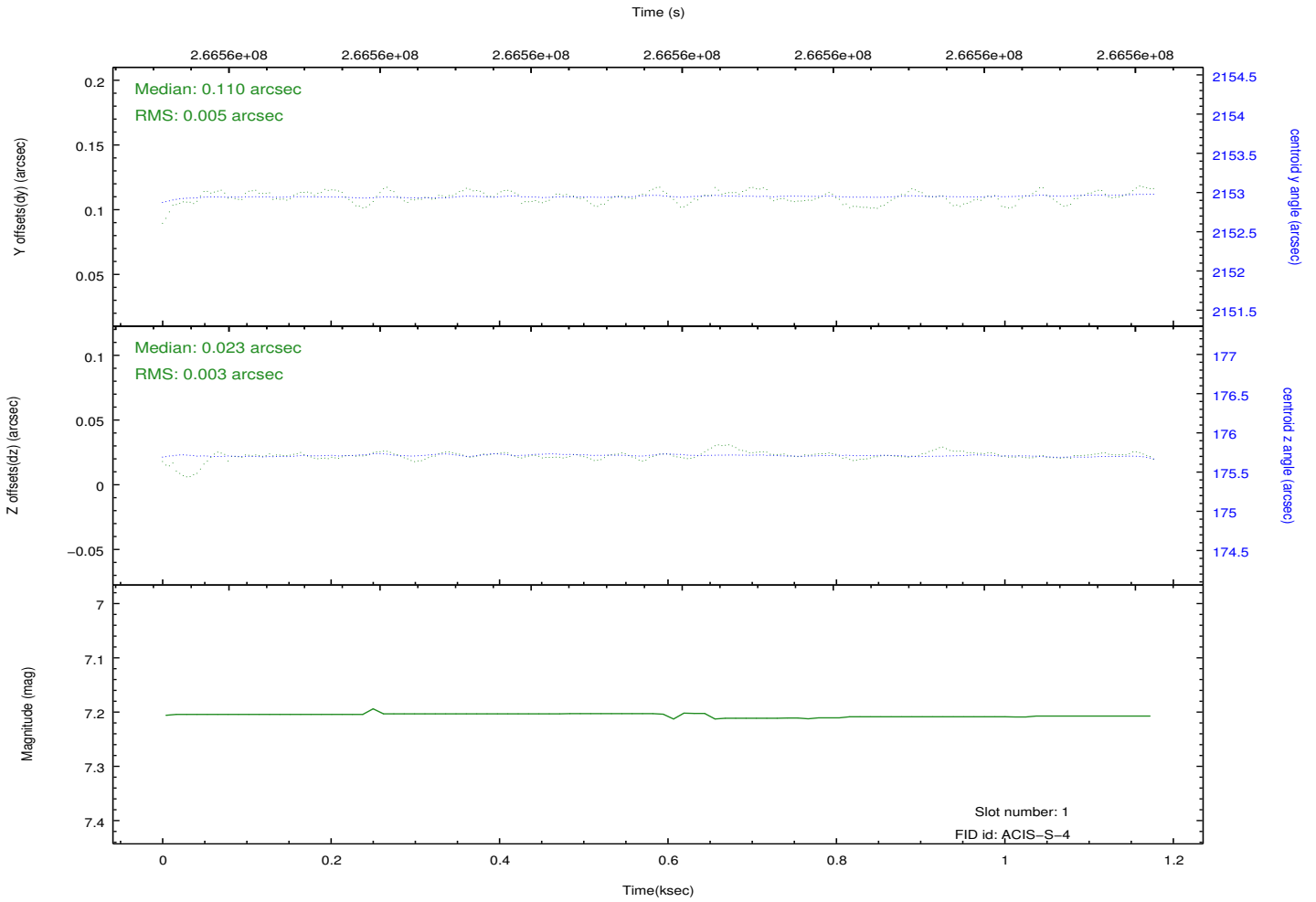
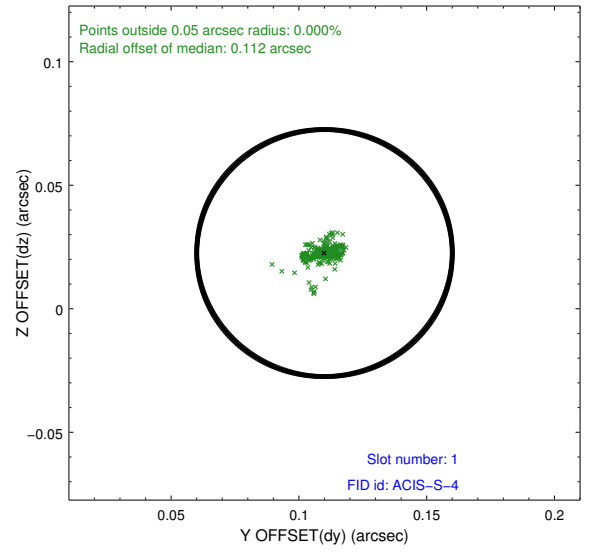
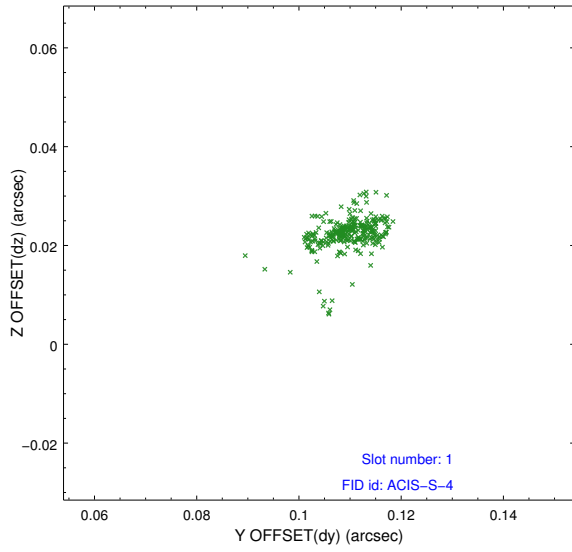


2.5 FID Slots

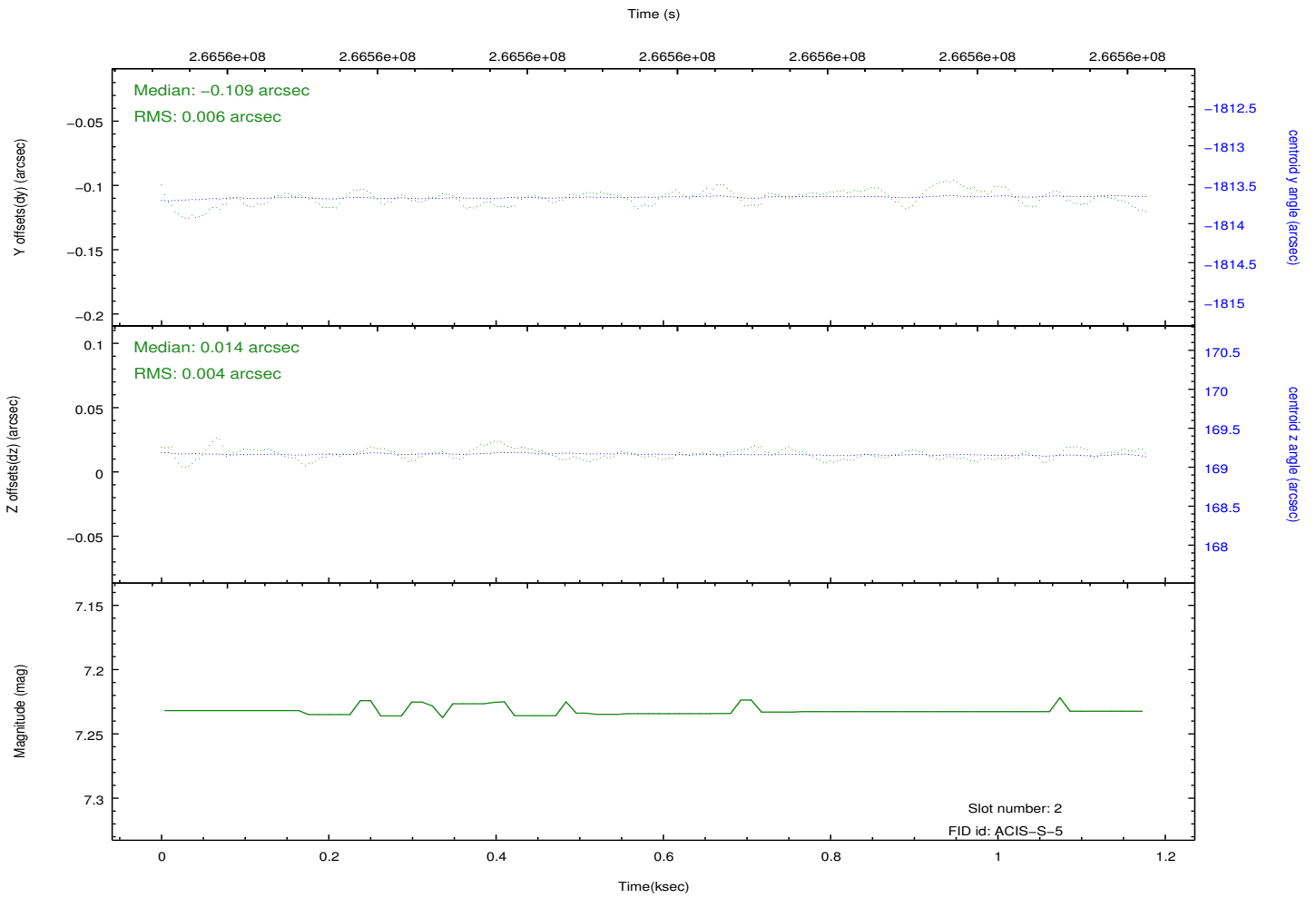
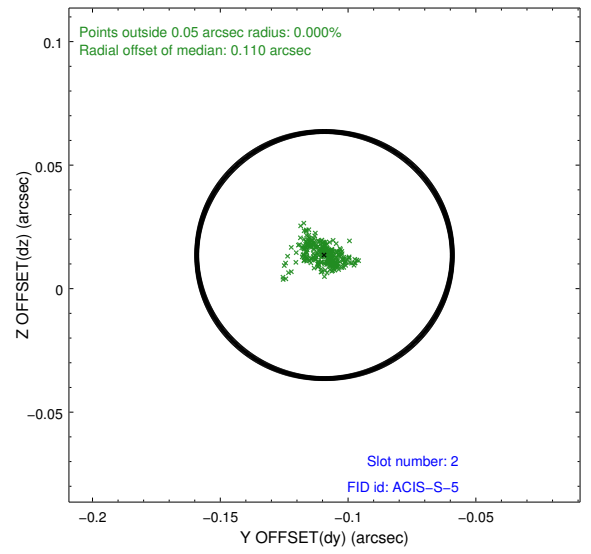
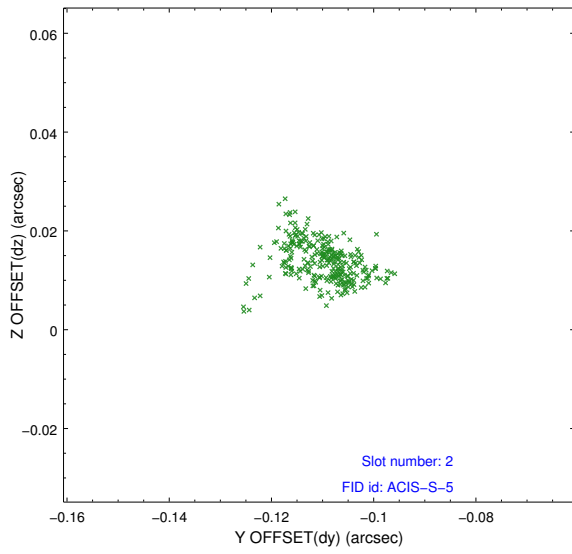
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.09759999

A.2 Comments