

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13587 - L2 Version 2
Chandra X-Ray Center

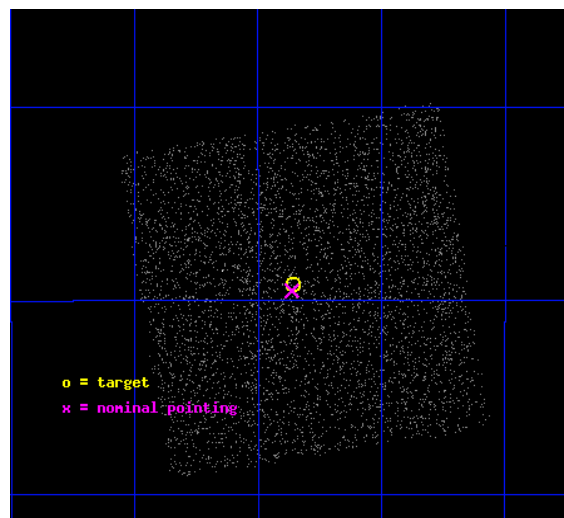
L2 Processing Date : Mar 2 2012

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1 Front

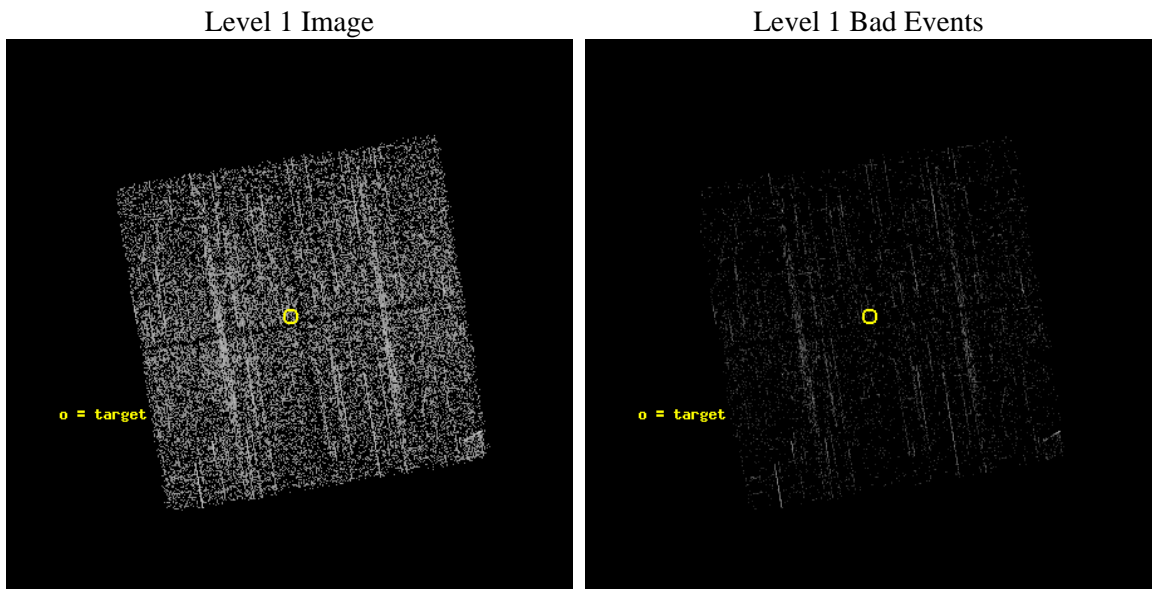
seq_num	401363	Sequence number
obs_id	13587	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.963903	Observer's specified target RA [deg]
dec_targ	-30.485889	Observer's specified target Dec [deg]
ra_nom	262.96584810268	Nominal RA [deg]
dec_nom	-30.491596199937	Nominal Dec [deg]
roll_nom	260.70338566635	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1968.4590048194	Sum of GTIs [s]
ontime1	1971.6000151634	Sum of GTIs [s]
ontime2	1971.6000151634	Sum of GTIs [s]
ontime3	1971.6000151634	Sum of GTIs [s]
l2events	5393	Number of level 2 events



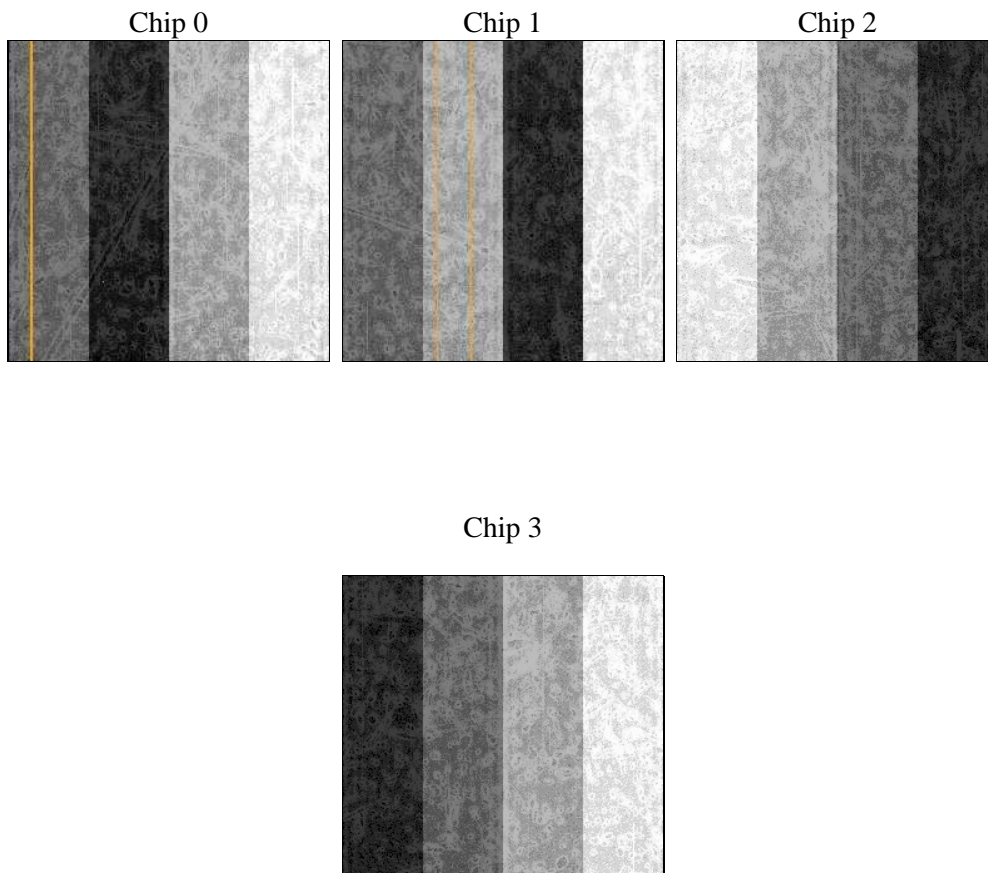
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1971.6000151634	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	1968.4590048194	Sum of GTIs [s]
date	2012-03-02T14:20:33	Date and time of file creation	ontime1	1971.6000151634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1971.6000151634	Sum of GTIs [s]
			ontime3	1971.6000151634	Sum of GTIs [s]
			l1events	44967	Number of level 1 events

2.1.4 Events

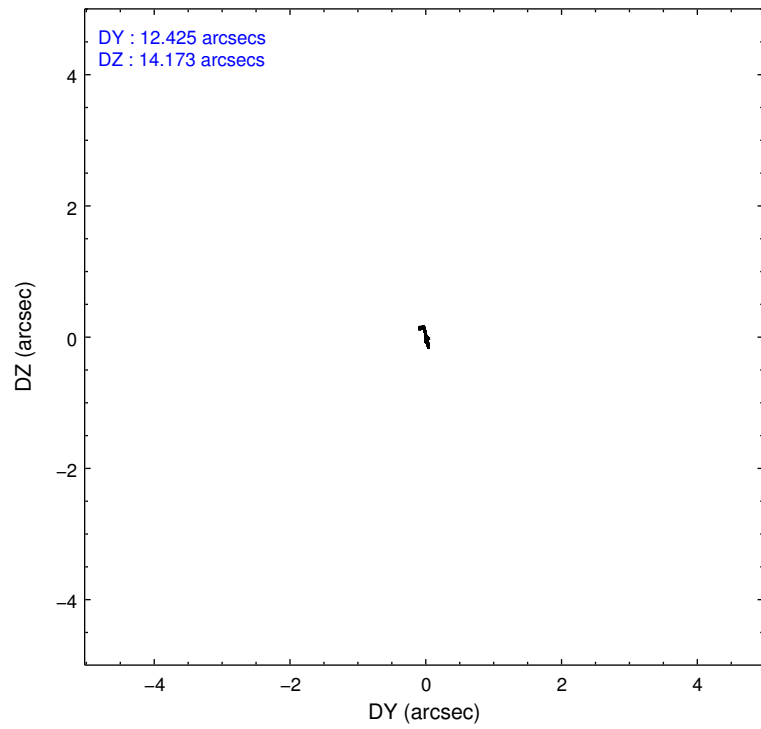
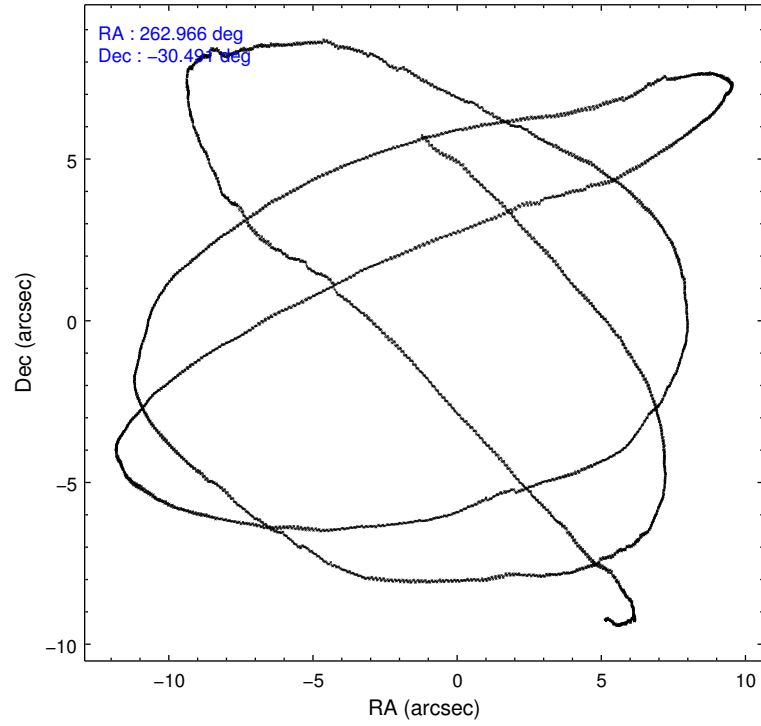
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11125	10825	11700	11317
rejected events	9576	9172	10133	9763
rejected %	86%	84%	86%	86%

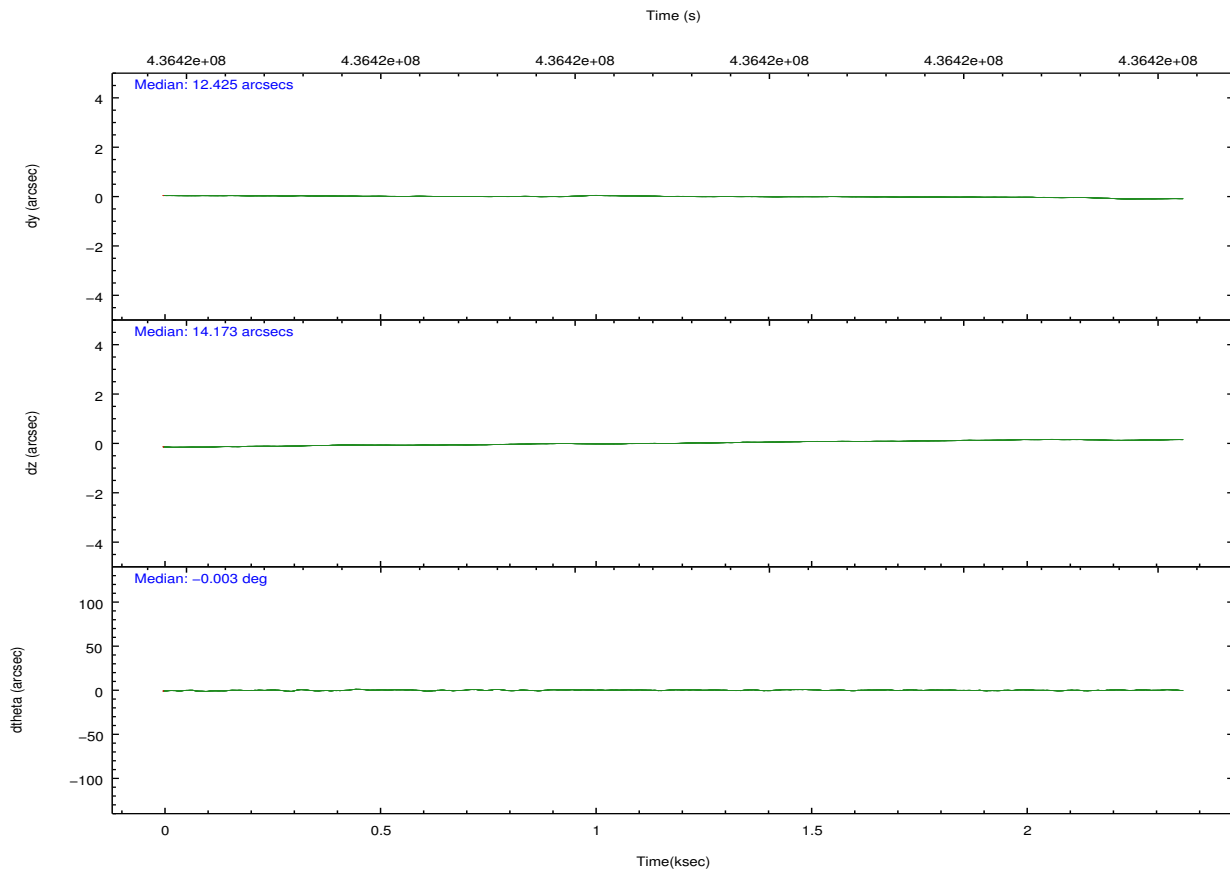
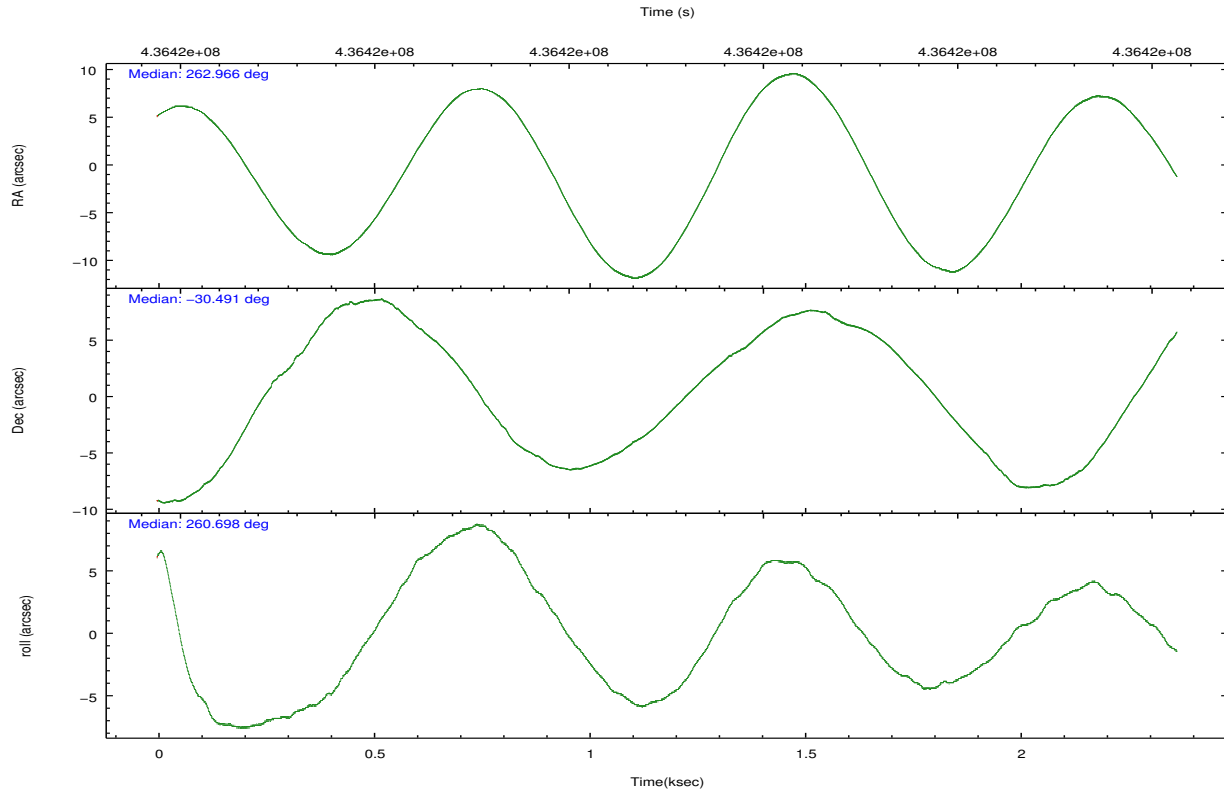
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	593	680	633	660
	5%	6%	5%	5%
grade 1 events	5	12	8	5
	0%	0%	0%	0%
grade 2 events	358	344	347	289
	3%	3%	2%	2%
grade 3 events	158	144	153	169
	1%	1%	1%	1%
grade 4 events	155	173	156	151
	1%	1%	1%	1%
grade 5 events	550	559	538	617
	4%	5%	4%	5%
grade 6 events	287	314	281	287
	2%	2%	2%	2%
grade 7 events	9019	8599	9584	9139
	81%	79%	81%	80%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	262.954297	262.9658481026841	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.465747	-30.49159619993699	Alternating exposures requested	N	N
[deg] Pointing Roll	260.488819	260.7033856663462	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	436417750.184000	436417373.50145			
Observation start date	2011-10-31T03:08:04	2011-10-31T03:02:53			
[s] Observation end time (MET)	436419930.184000	436420756.00163			
Observation end date	2011-10-31T03:44:24	2011-10-31T03:59:16			
Read mode	TIMED	TIMED			

2.3 Aspect



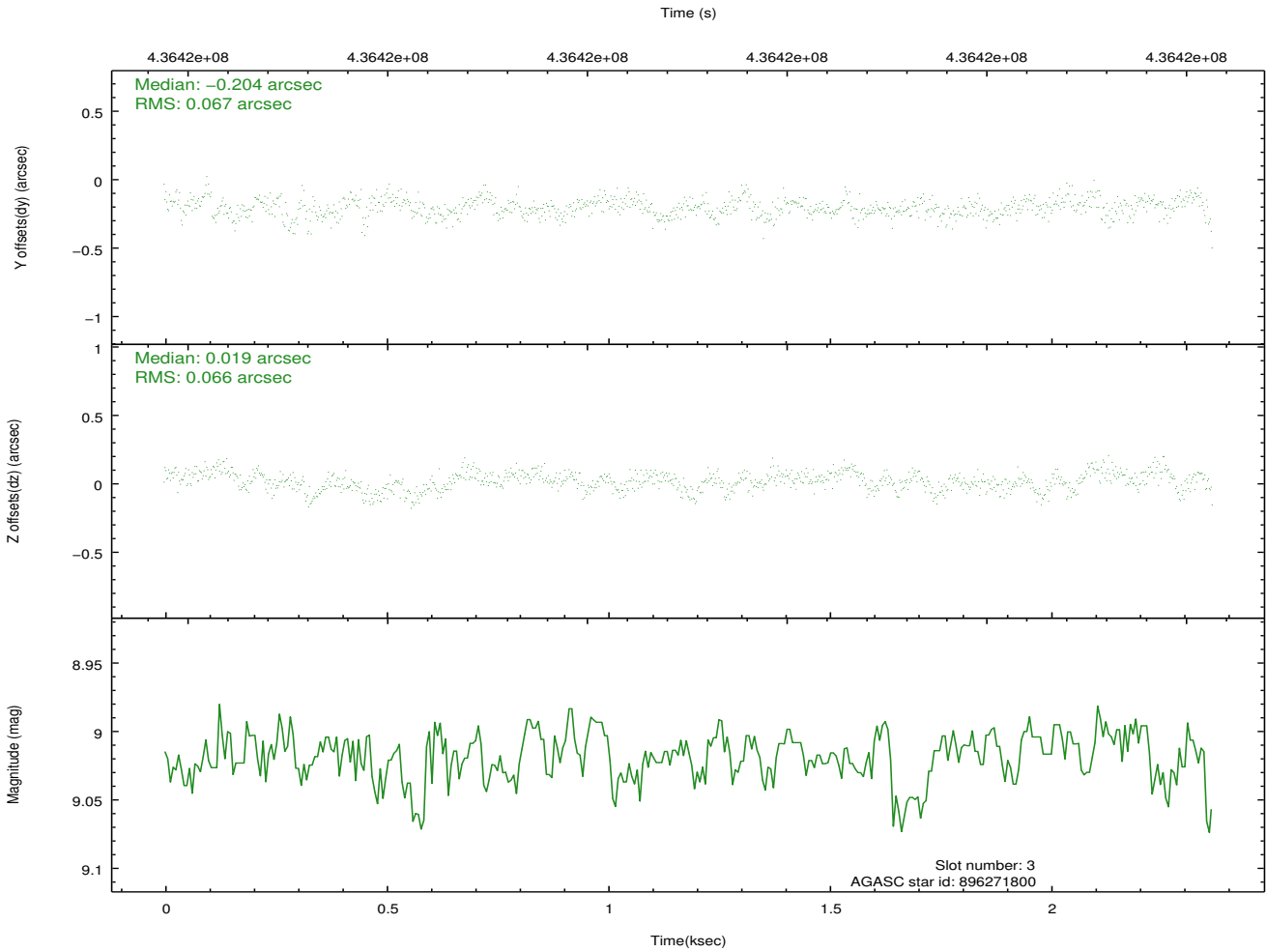
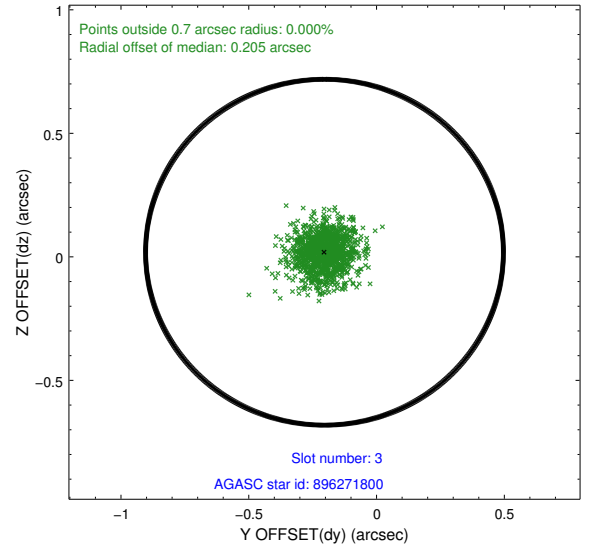
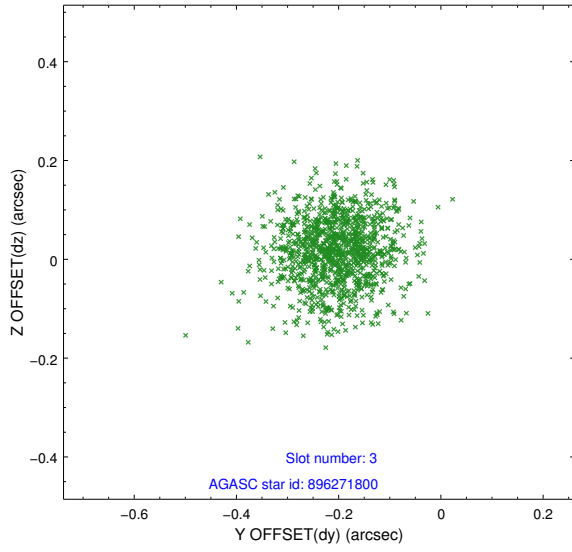


Slot Statistics

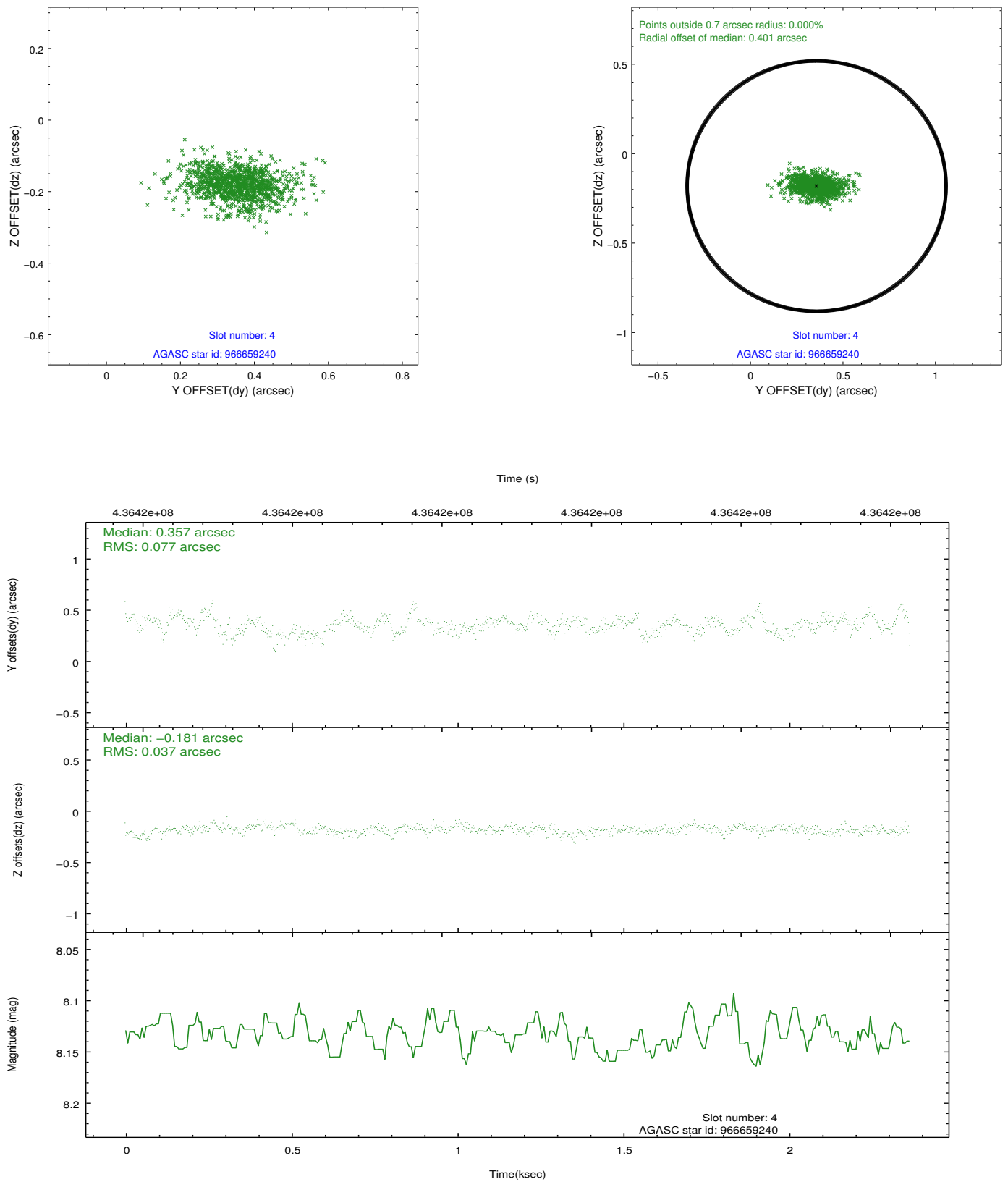
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.05	578	0.033	0.011	0.006	0.011	0.000000	0.000000	927.15	-837.75
1	FID	ACIS-I-5	7.05	578	-0.198	0.045	0.006	0.010	0.000000	0.000000	-1819.69	1058.37
2	FID	ACIS-I-6	7.05	578	0.074	0.014	0.006	0.012	0.000000	0.000000	389.73	1705.98
3	GUIDE	896271800	9.02	1154	-0.204	0.019	0.099	0.164	262.457136	-29.780549	-2173.03	-1939.85
4	GUIDE	966659240	8.13	1155	0.357	-0.181	0.086	0.157	262.189777	-30.931568	2050.48	-2052.16
5	GUIDE	966662752	8.26	1155	-0.070	0.111	0.092	0.146	262.898473	-30.245665	-751.13	-304.34
6	GUIDE	966787992	7.74	1155	-0.101	0.027	0.080	0.133	263.507229	-30.411177	-474.39	1660.58
7	GUIDE	966787448	8.54	1154	0.032	0.035	0.112	0.184	263.341993	-31.095036	2038.15	1554.70

2.4 Star Slots

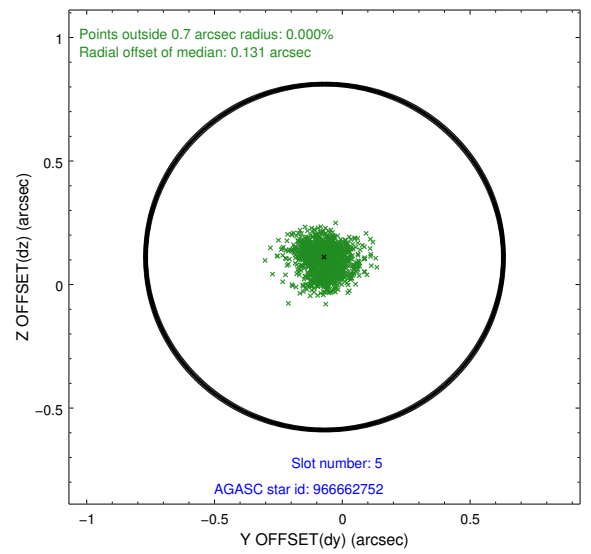
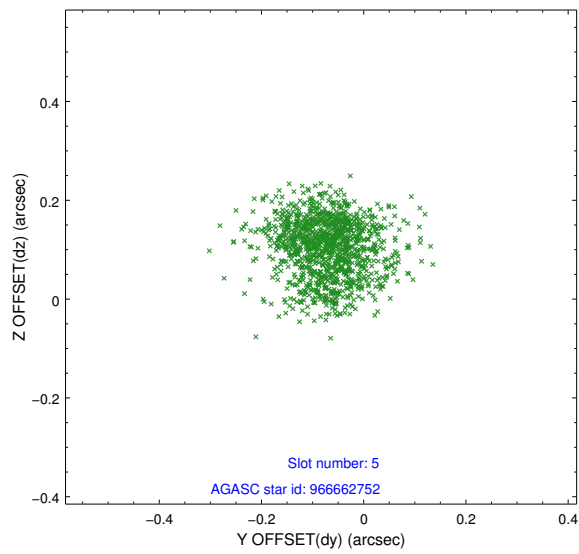
2.4.1 Slot 3



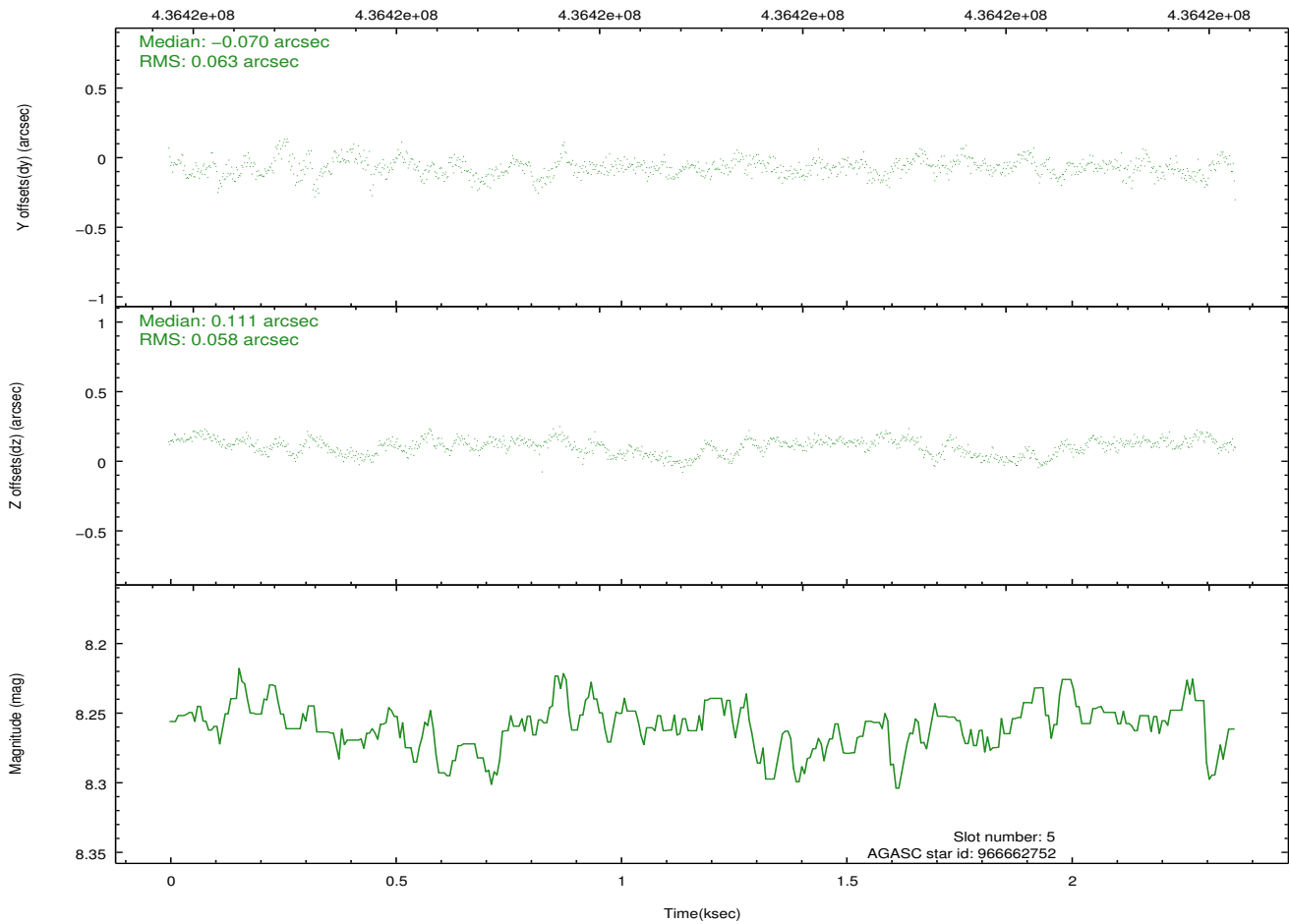
2.4.2 Slot 4



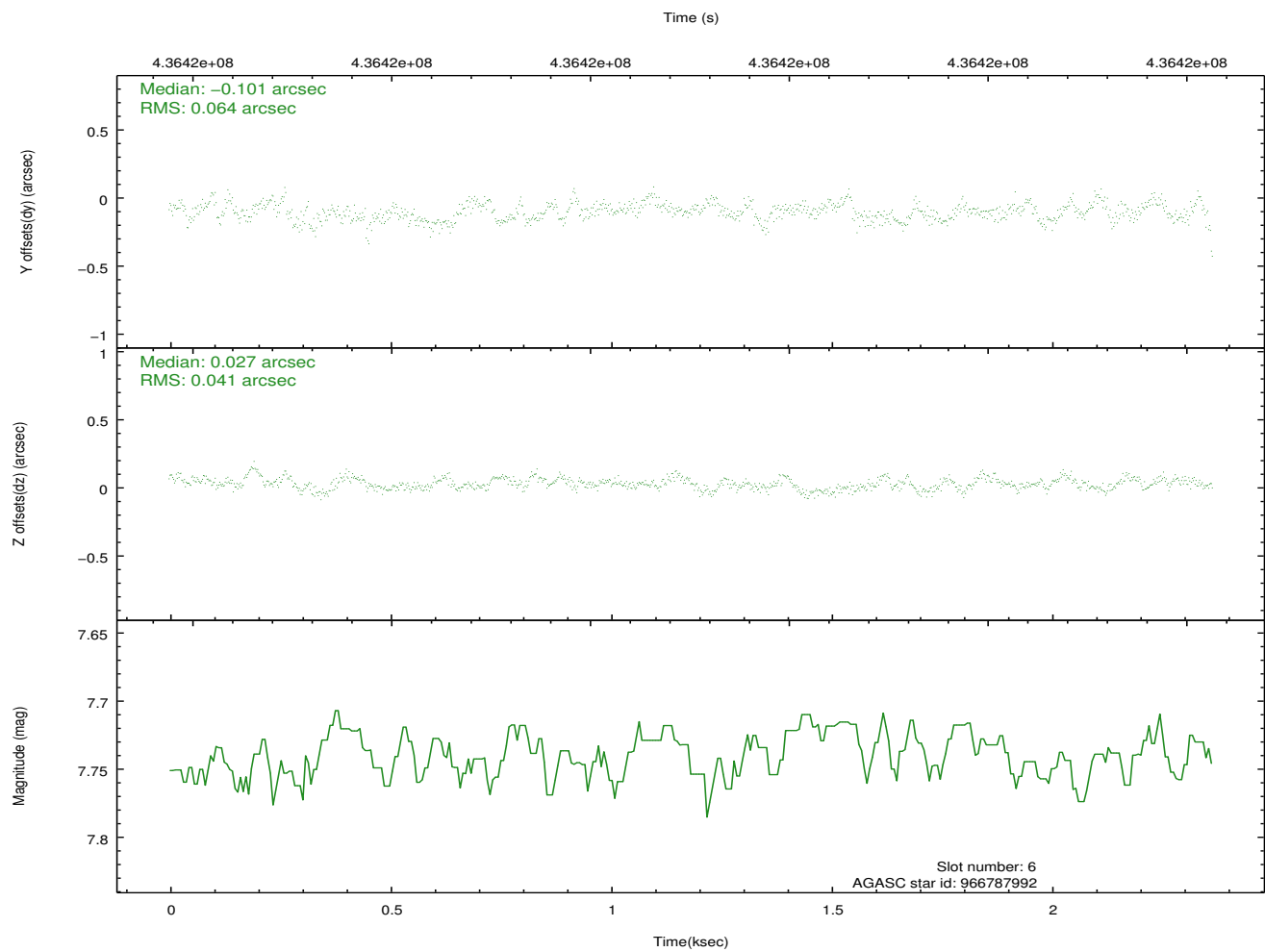
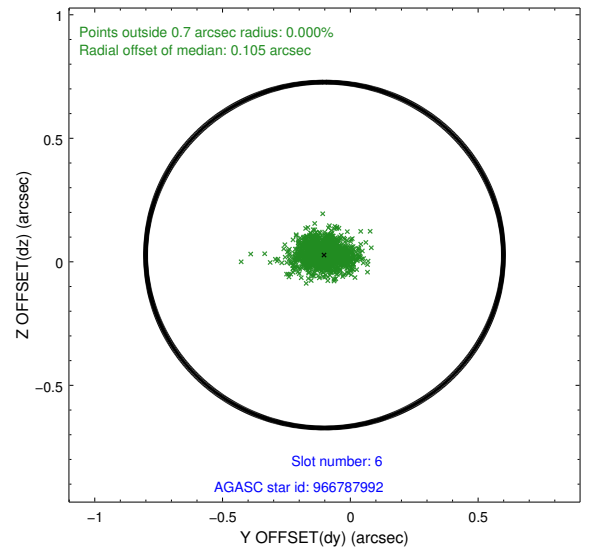
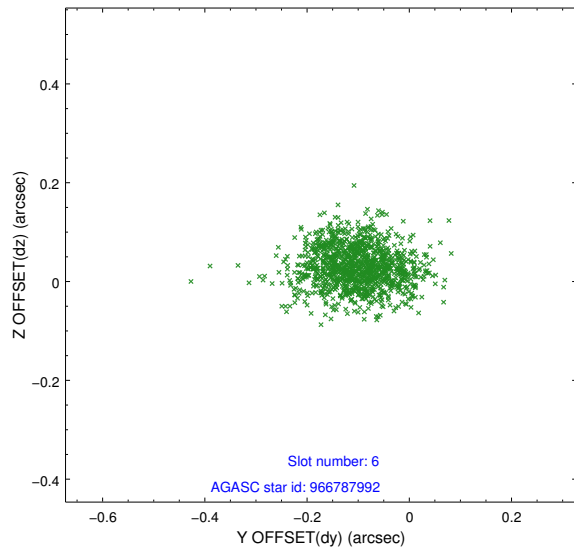
2.4.3 Slot 5



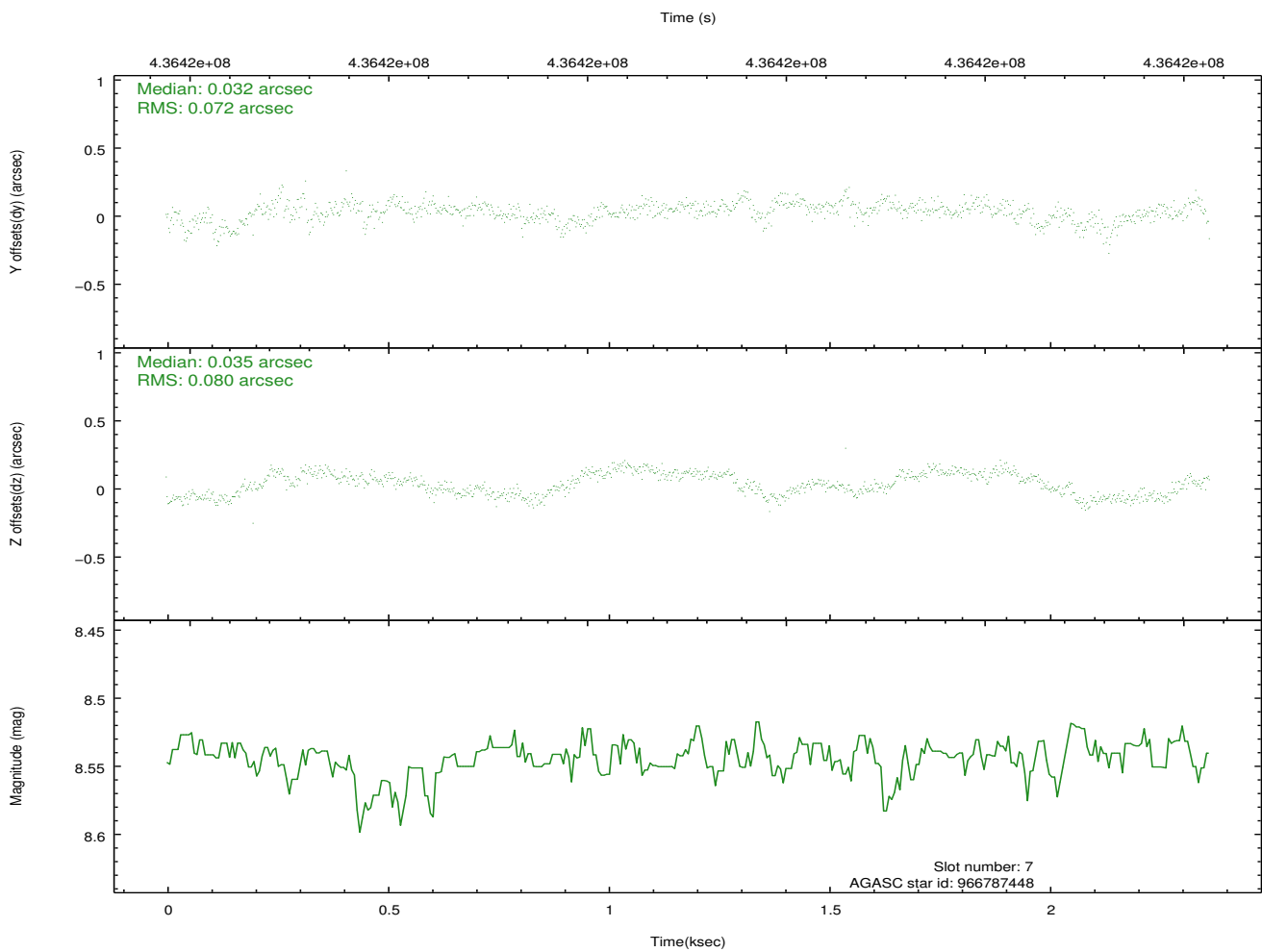
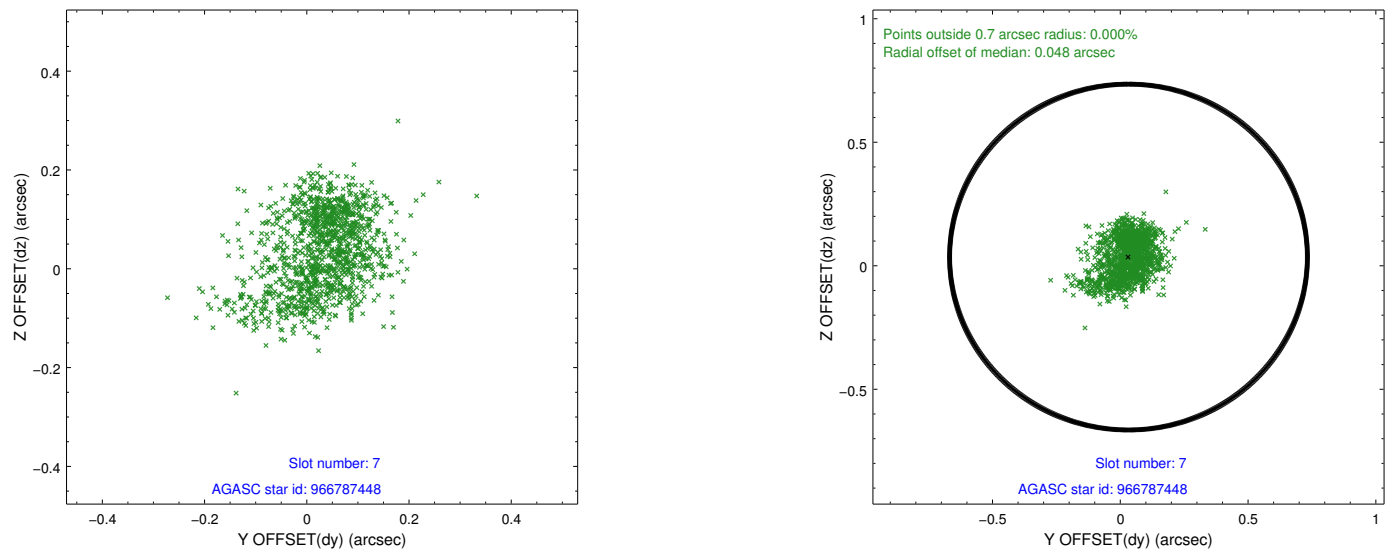
Time (s)



2.4.4 Slot 6

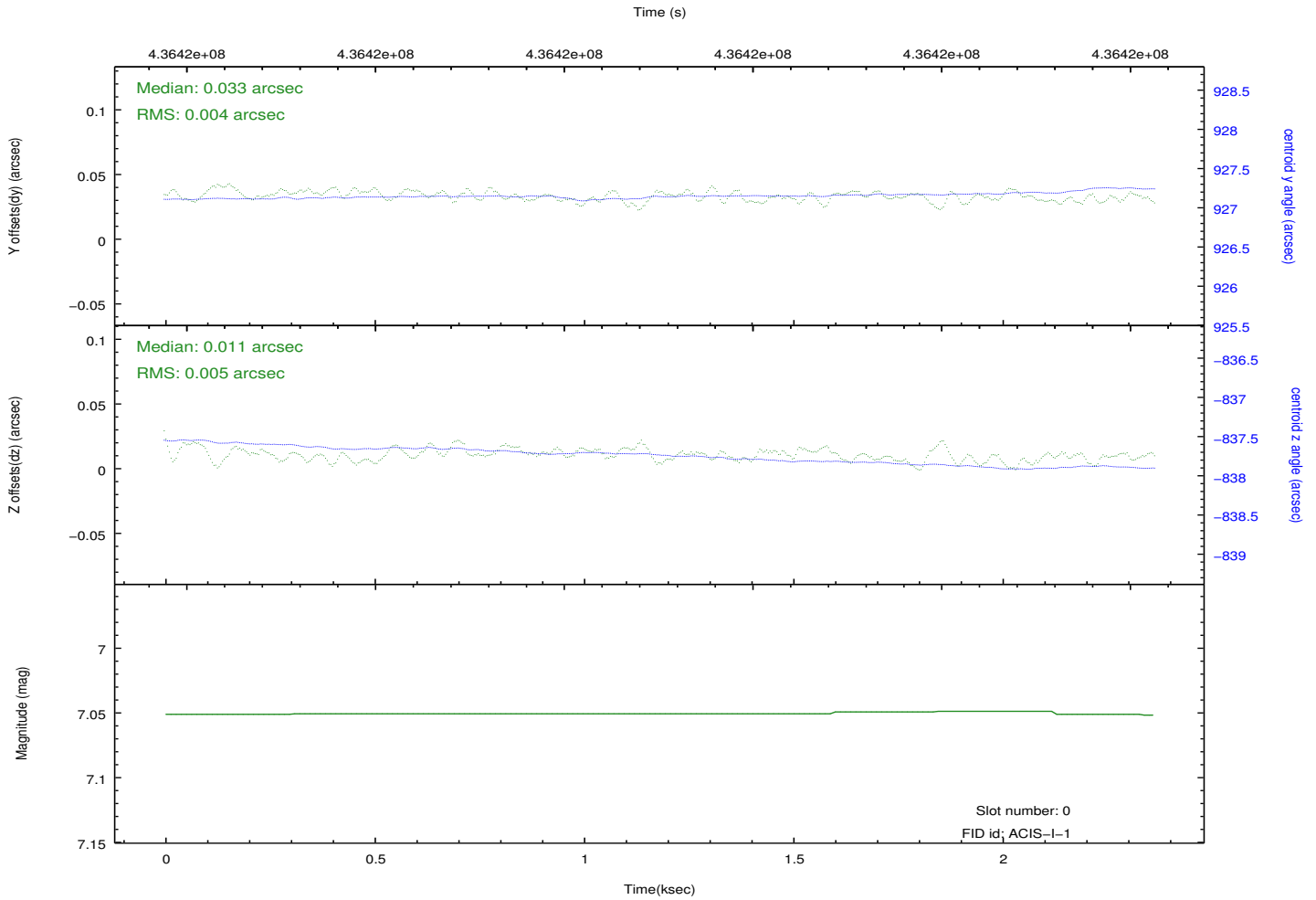
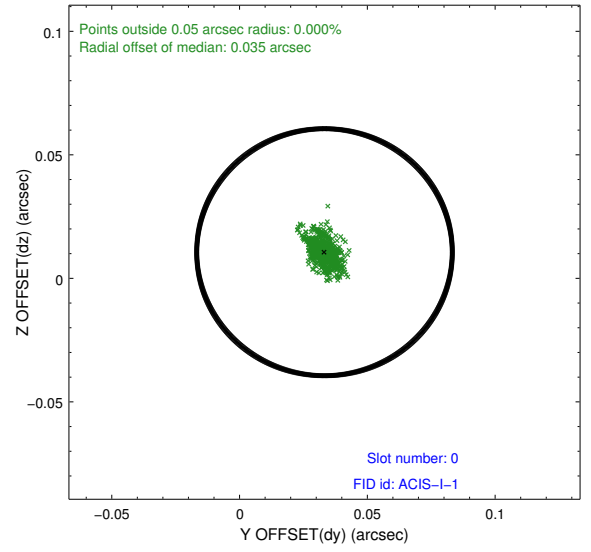
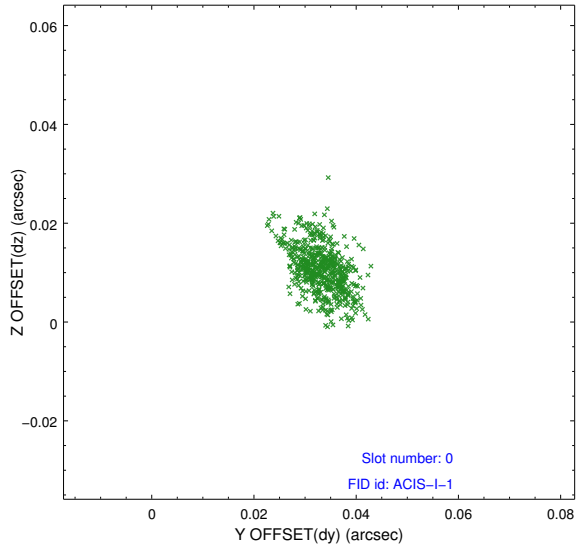


2.4.5 Slot 7

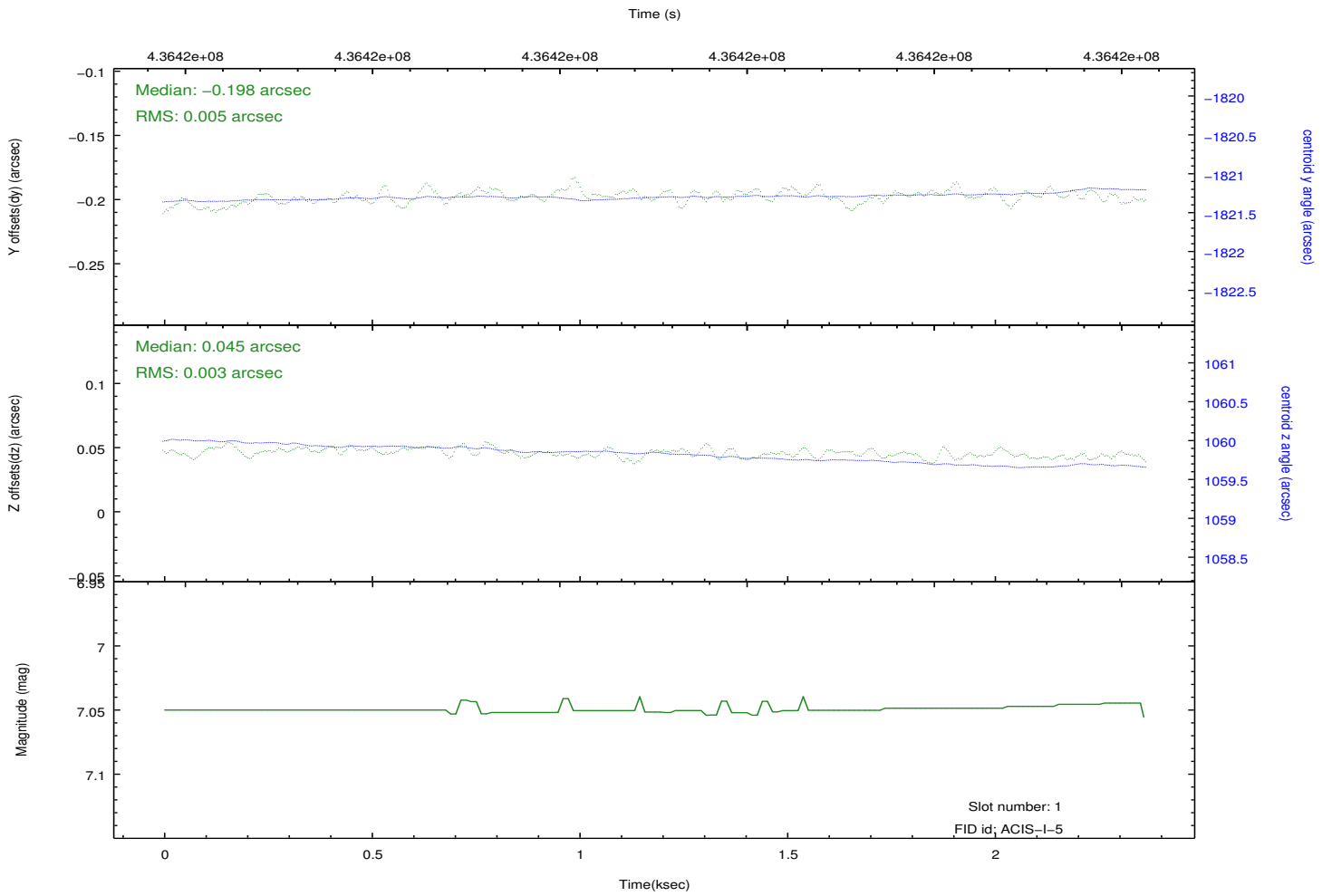
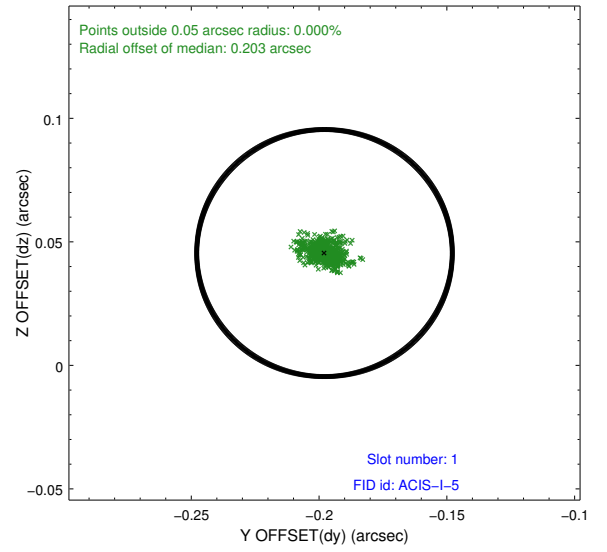
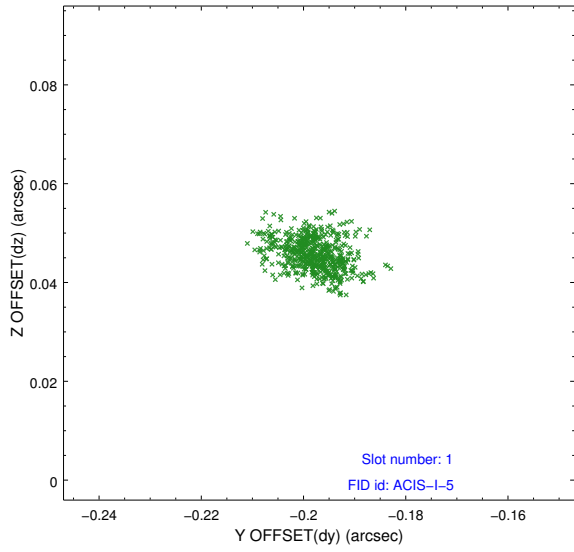


2.5 FID Slots

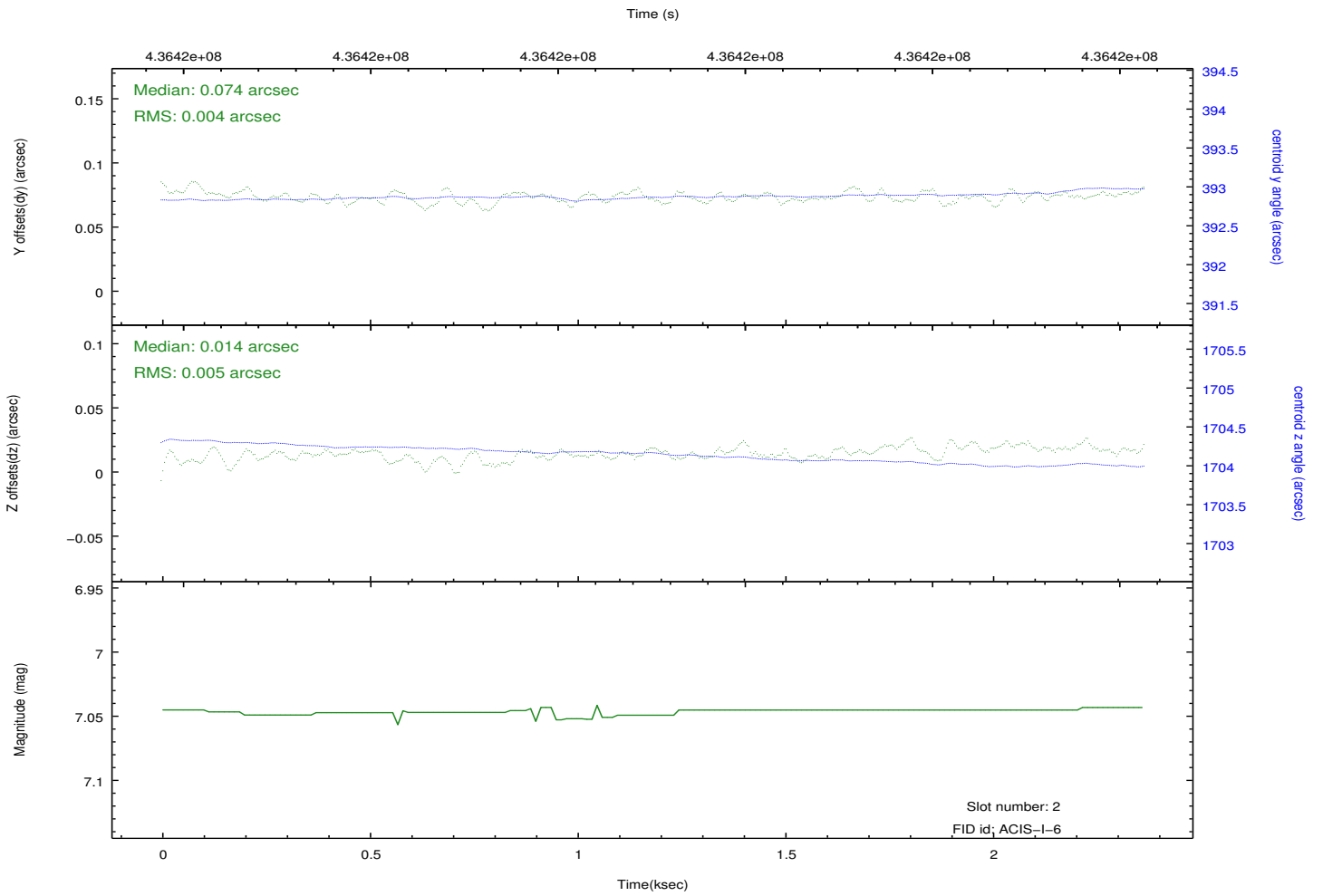
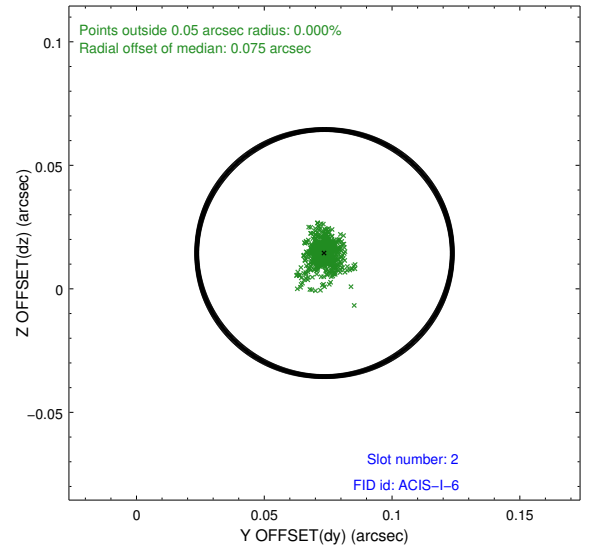
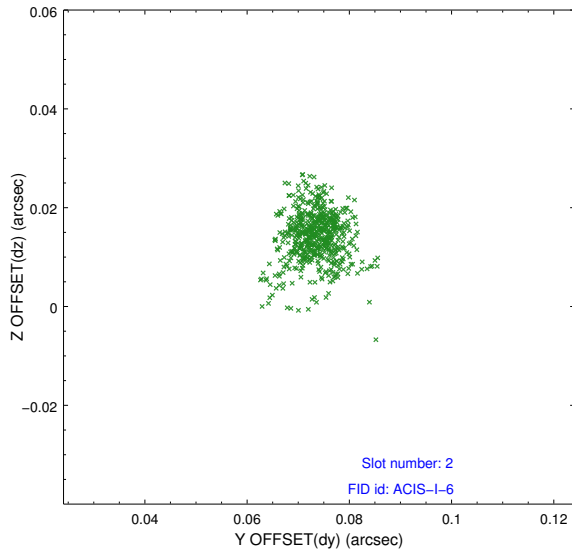
2.5.1 Slot 0



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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9716000151634

A.2 Comments

Joint Proposal: NOAO