

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9805 - L2 Version 2
Chandra X-Ray Center

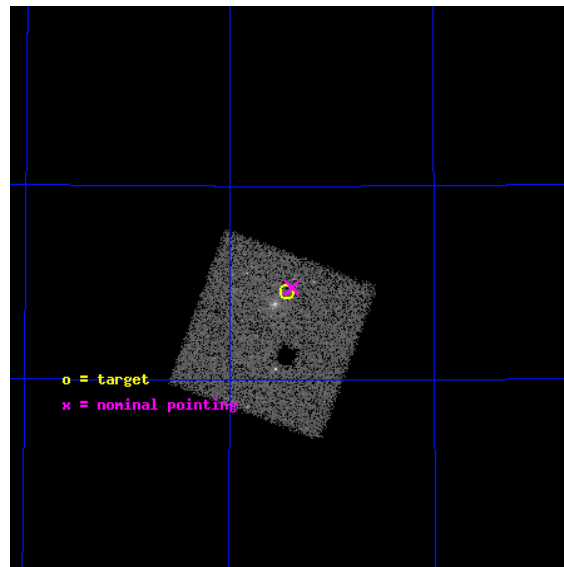
L2 Processing Date : May 6 2012

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1 Front

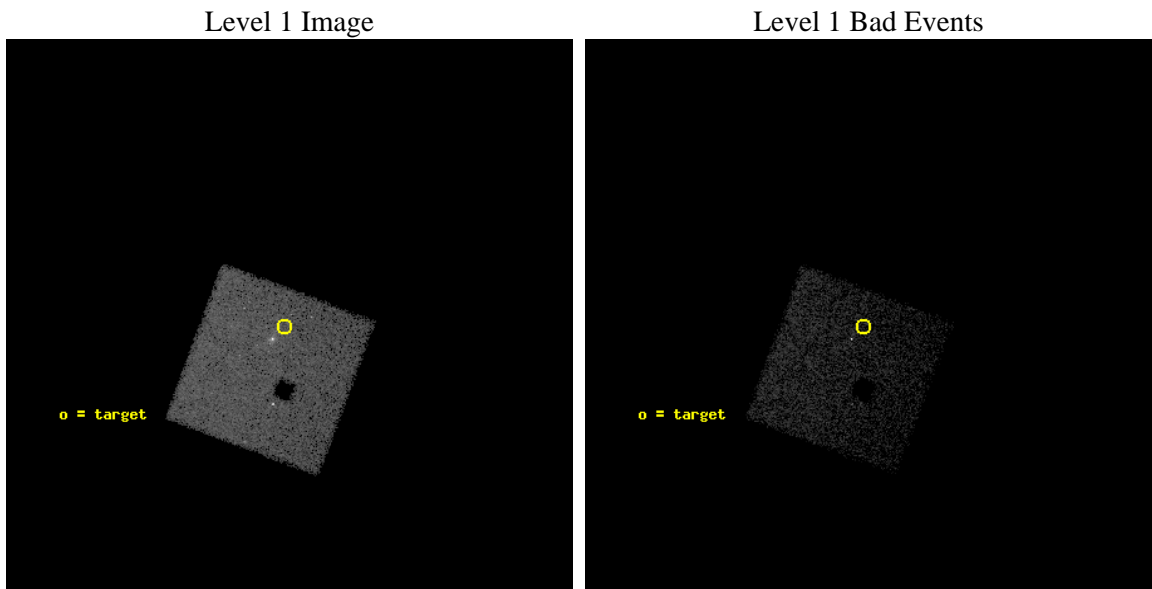
seq_num	400931	Sequence number
obs_id	9805	Observation id
title	A rare transient in M81: a merger event?	Proposal title
observer	dr Peter Jonker	Principal investigator
object	m81-ot071213	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.858333	Observer's specified target RA [deg]
dec_targ	69.076333	Observer's specified target Dec [deg]
ra_nom	148.84778203915	Nominal RA [deg]
dec_nom	69.079293126502	Nominal Dec [deg]
roll_nom	110.47776874181	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5175.0	Sum of GTIs [s]
livetime	5105.1613921553	Livetime [s]
ontime7	5175.0	Sum of GTIs [s]
l2events	31963	Number of level 2 events



2 OBI

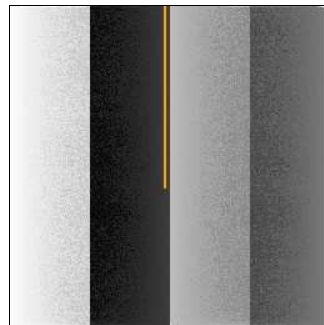
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5175.0	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	5175.0	Sum of GTIs [s]
date	2012-05-06T14:18:36	Date and time of file creation	l1events	75916	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

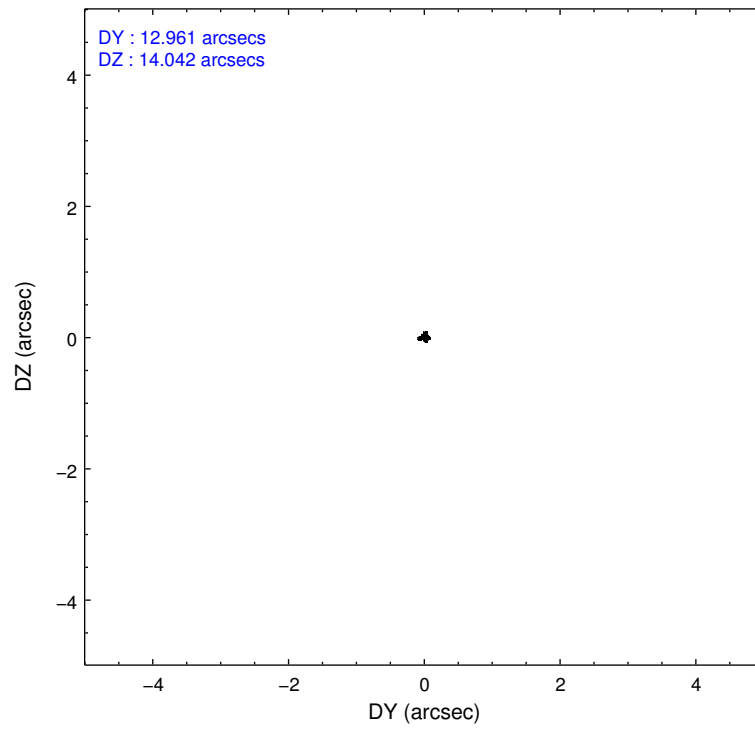
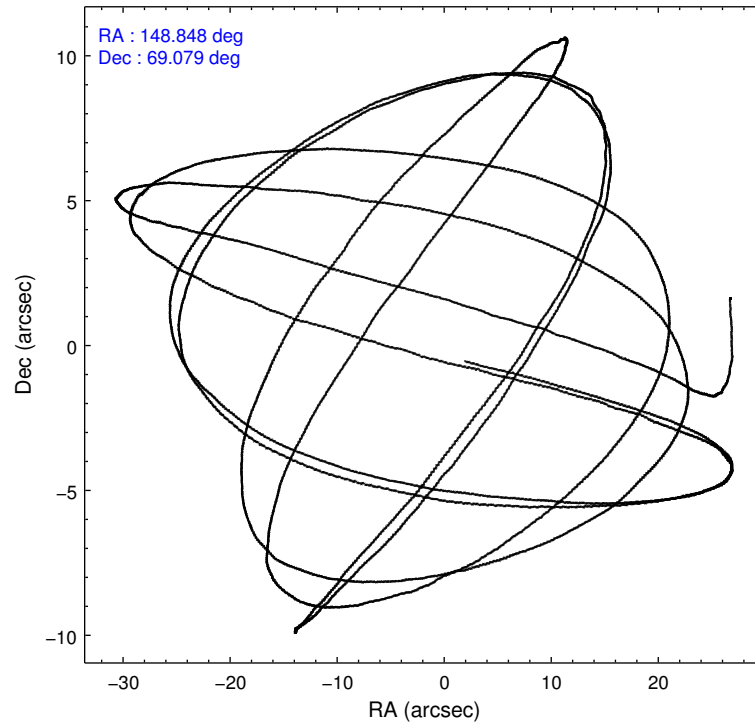
	ccd 7
level 1 events	75916
rejected events	43210
rejected %	56%

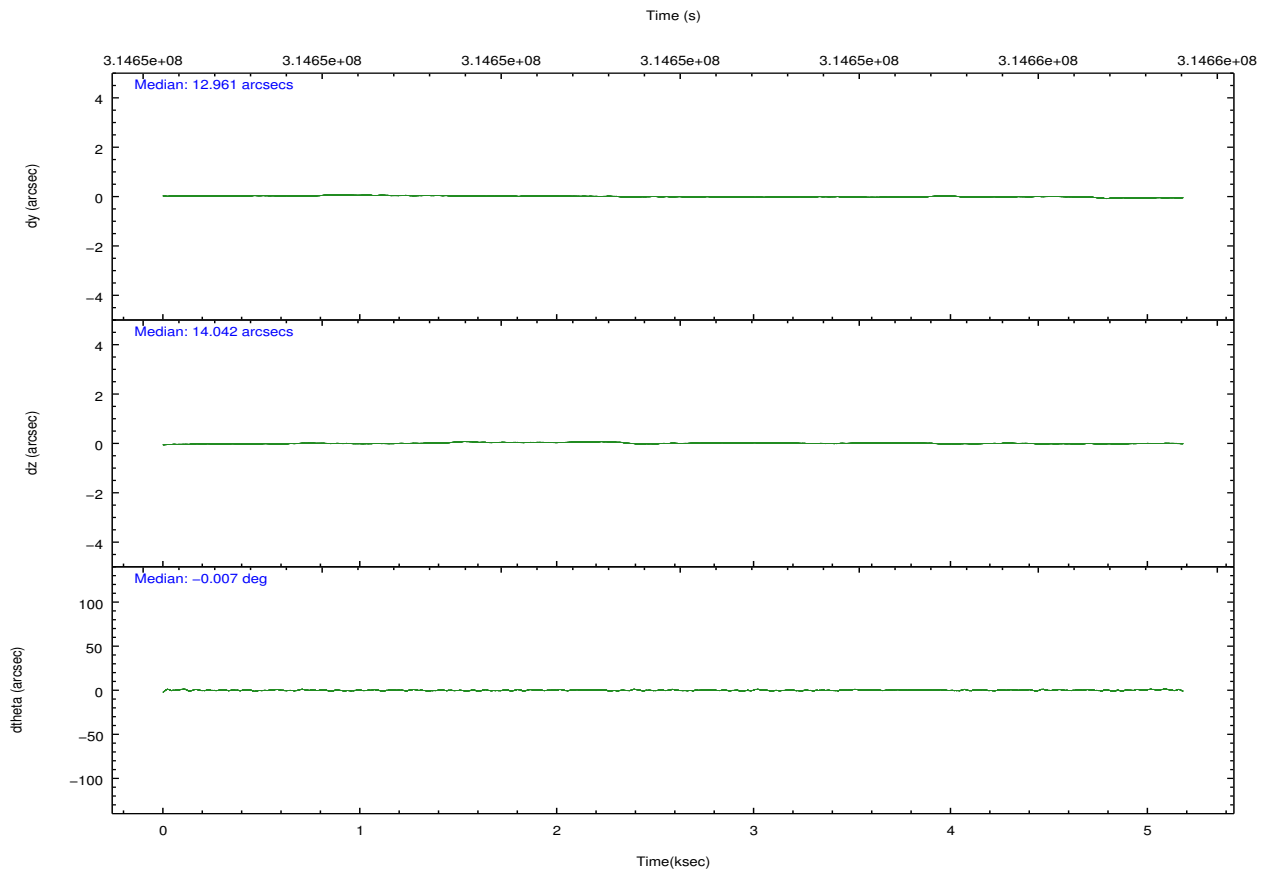
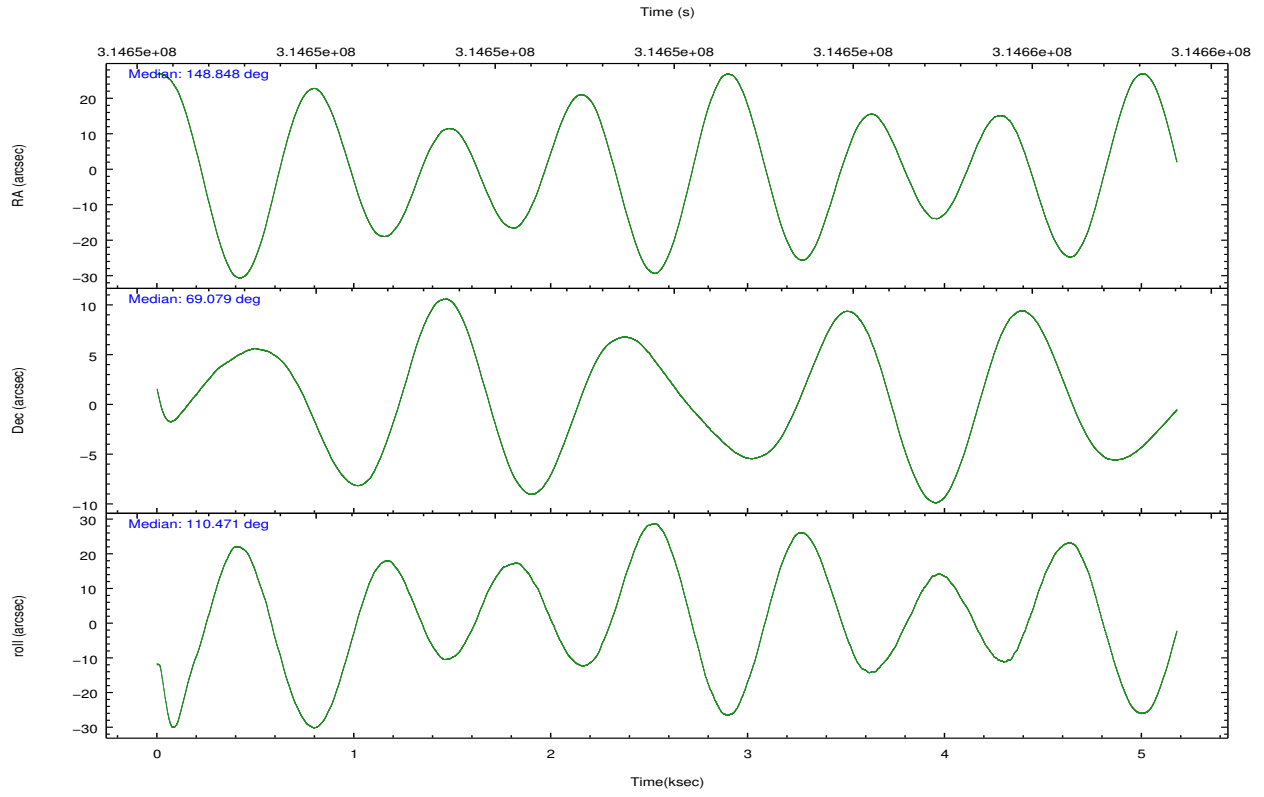
	ccd 7
grade 0 events	3833
	5%
grade 1 events	138
	0%
grade 2 events	7000
	9%
grade 3 events	3041
	4%
grade 4 events	2971
	3%
grade 5 events	6863
	9%
grade 6 events	16975
	22%
grade 7 events	35095
	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	148.907295	148.8477820391477	Subarray requested	NONE	NONE
[deg] Pointing Dec	69.062204	69.07929312650178	Alternating exposures requested	N	N
[deg] Pointing Roll	110.265491	110.4777687418111	[s] Primary exposure time	0.000000	3
[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)	314650549.184000	314649734.89766			
Observation start date	2007-12-21T18:54:44	2007-12-21T18:42:14			
[s] Observation end time (MET)	314655549.184000	314656113.47296			
Observation end date	2007-12-21T20:18:04	2007-12-21T20:28:33			
Read mode	TIMED	TIMED			

2.3 Aspect



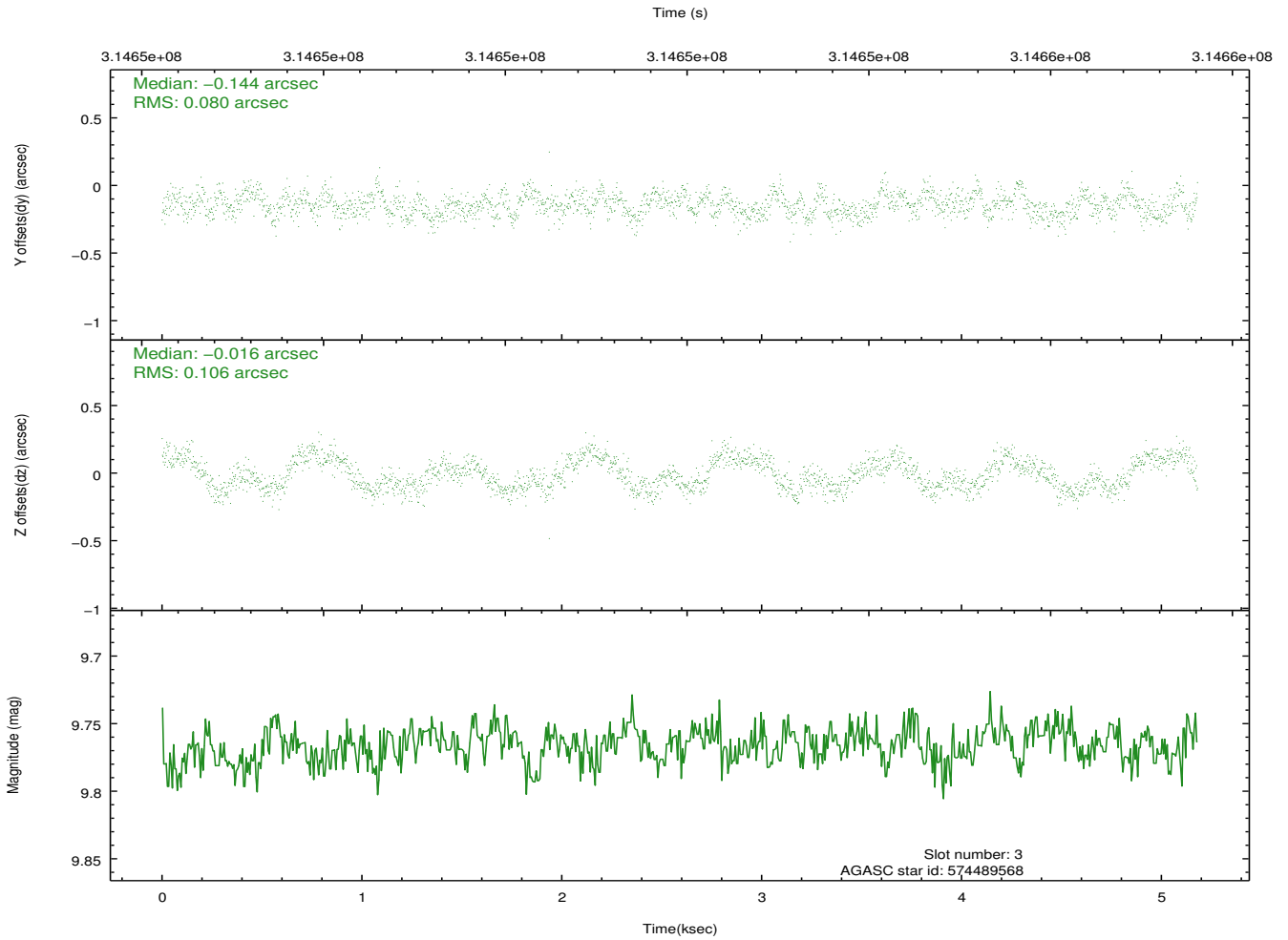
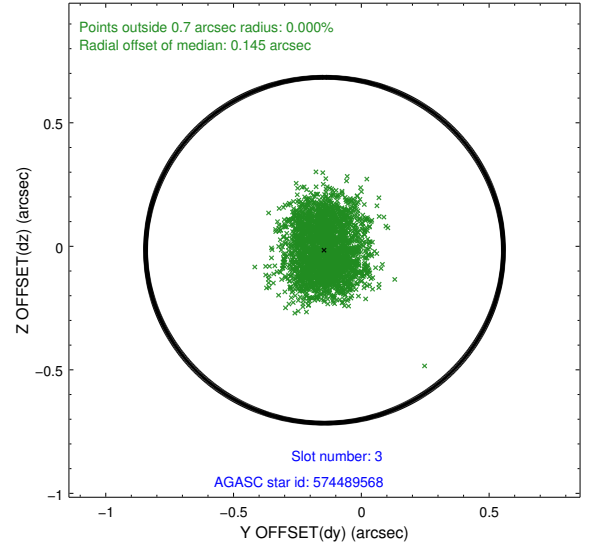
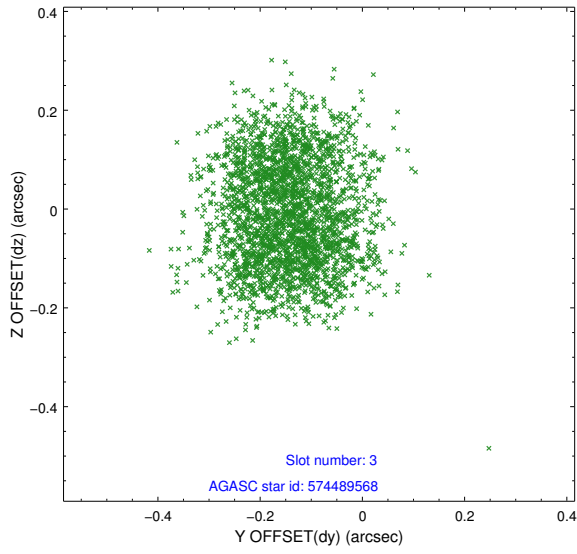


Slot Statistics

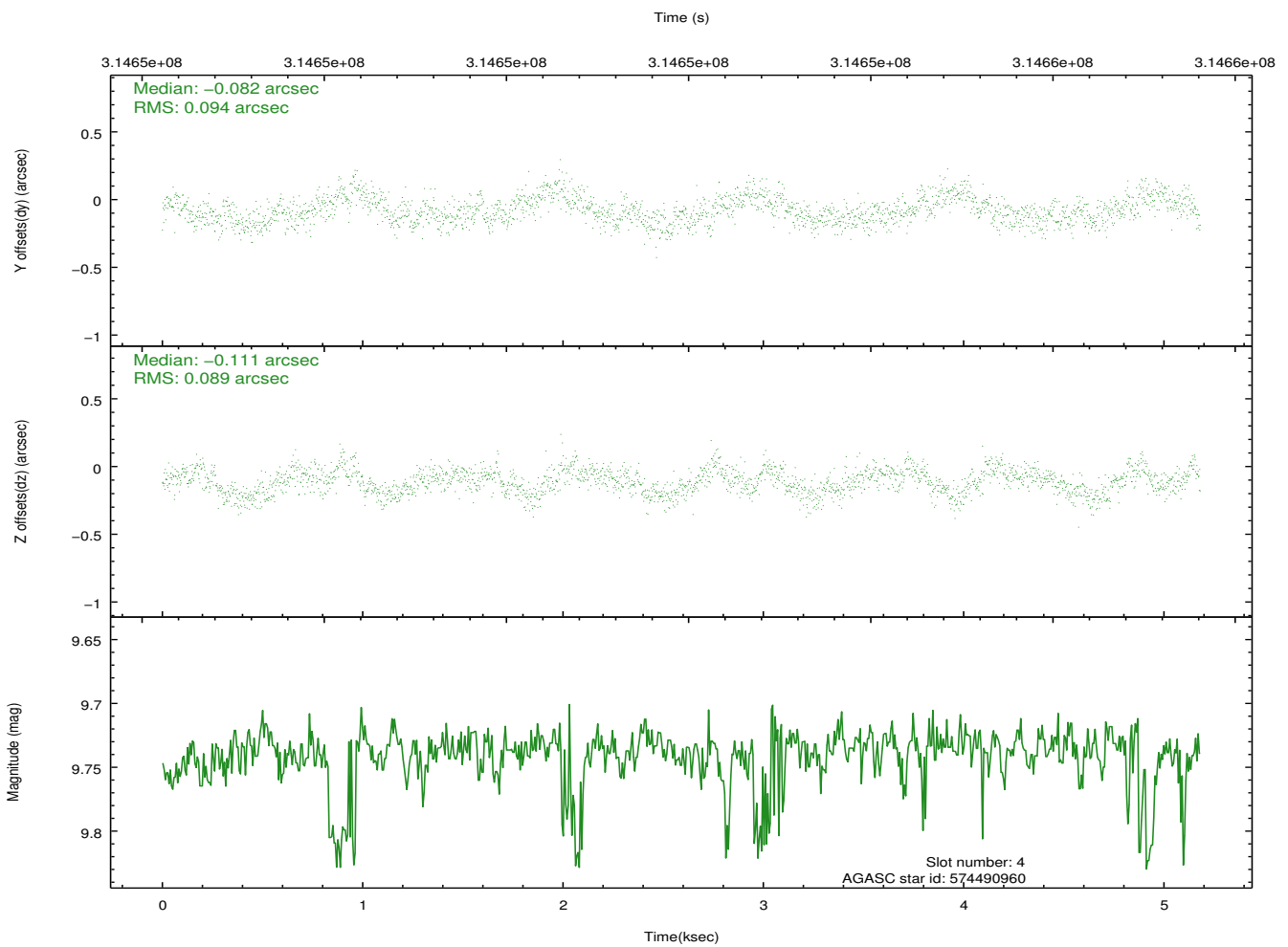
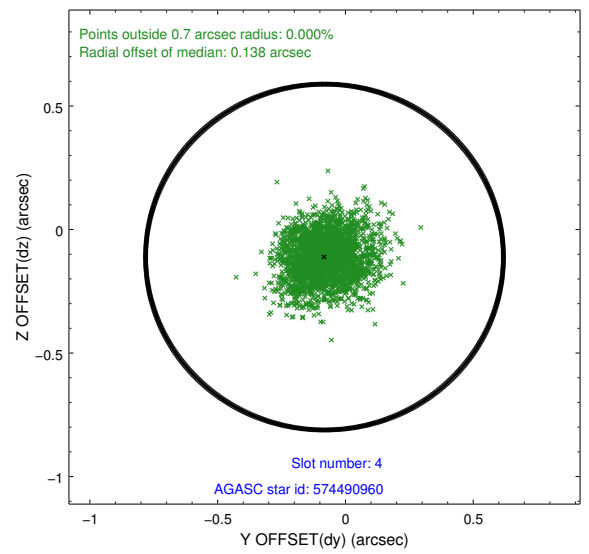
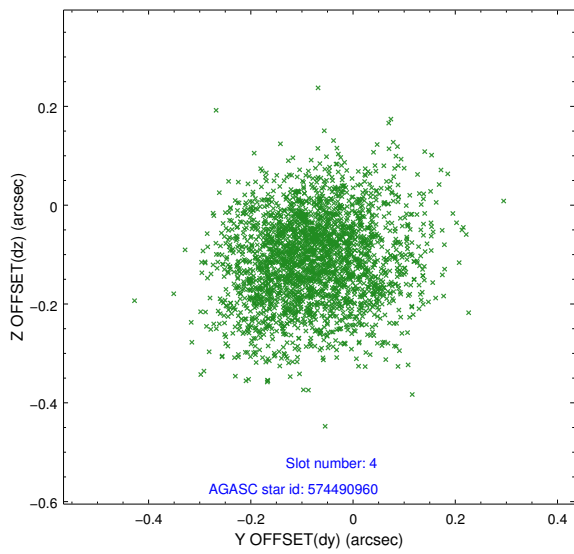
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1264	0.122	-0.040	0.005	0.009	0.000000	0.000000	930.32	-1731.05
1	FID	ACIS-S-2	7.09	1264	-0.055	-0.035	0.007	0.010	0.000000	0.000000	-765.11	-1736.84
2	FID	ACIS-S-5	7.23	1264	-0.090	0.081	0.006	0.010	0.000000	0.000000	-1819.62	165.36
3	GUIDE	574489568	9.77	2527	-0.144	-0.016	0.145	0.218	147.223974	69.438157	2034.30	1517.79
4	GUIDE	574490960	9.74	2524	-0.082	-0.111	0.139	0.223	148.185918	69.658768	2333.31	102.20
5	GUIDE	574491280	9.33	2526	-0.041	0.209	0.138	0.216	148.611567	69.450135	1441.29	-131.81
6	GUIDE	574496080	9.93	2525	-0.055	0.103	0.183	0.308	149.336129	69.802025	2316.10	-1422.51
7	GUIDE	574497600	10.40	2524	0.362	-0.168	0.345	0.625	147.824120	68.451903	-1551.86	2099.54

2.4 Star Slots

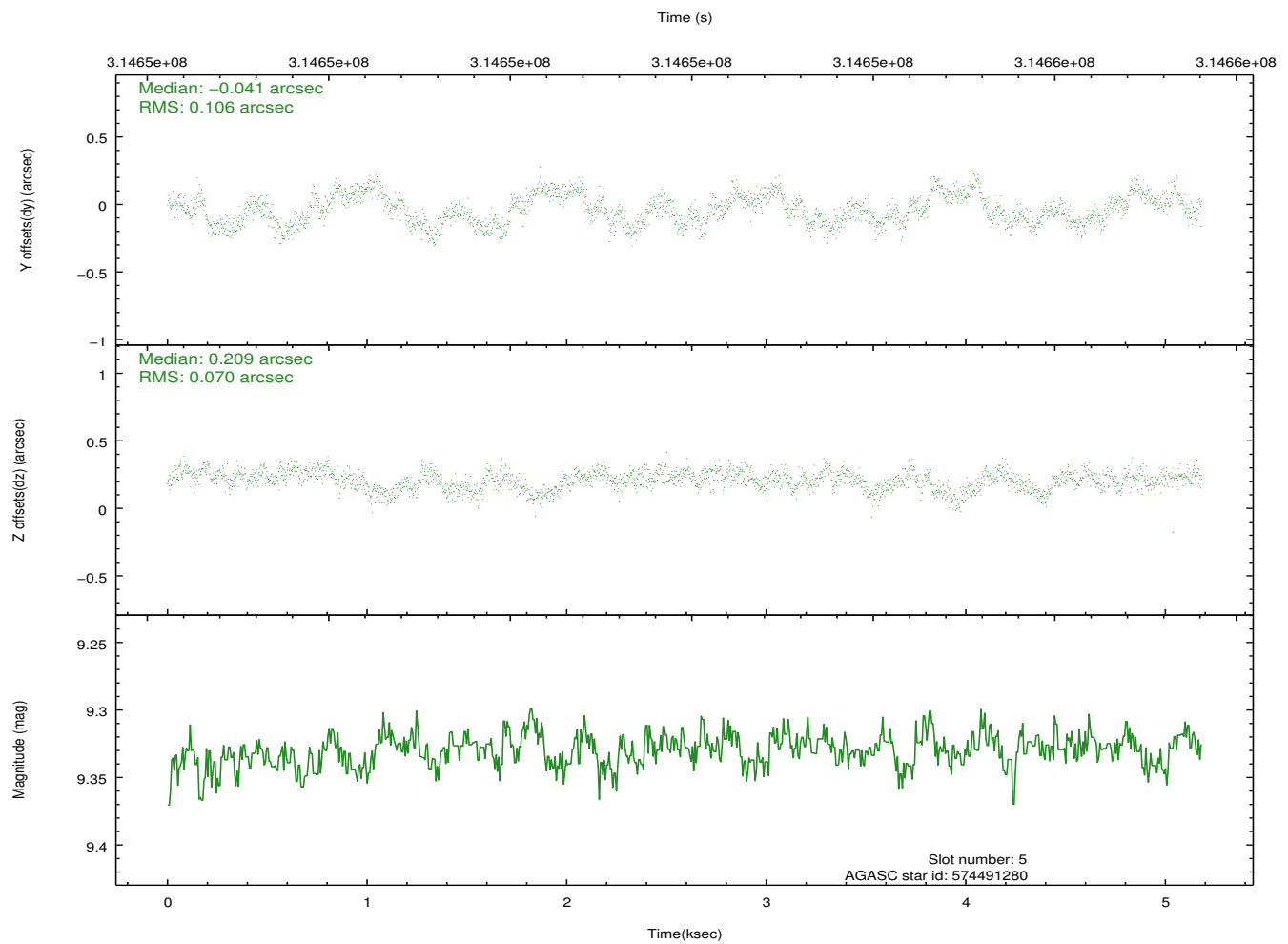
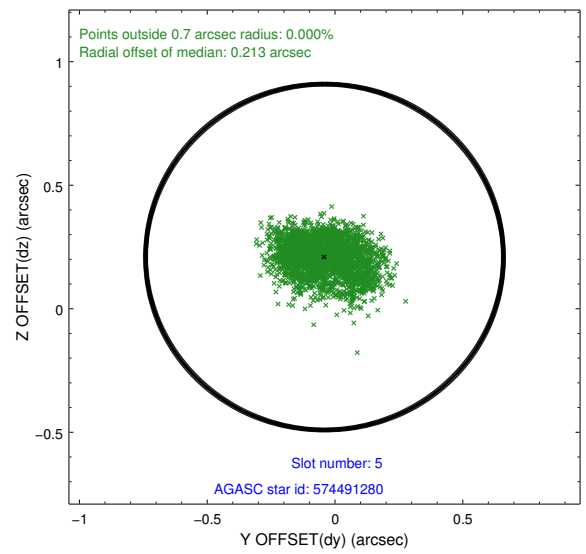
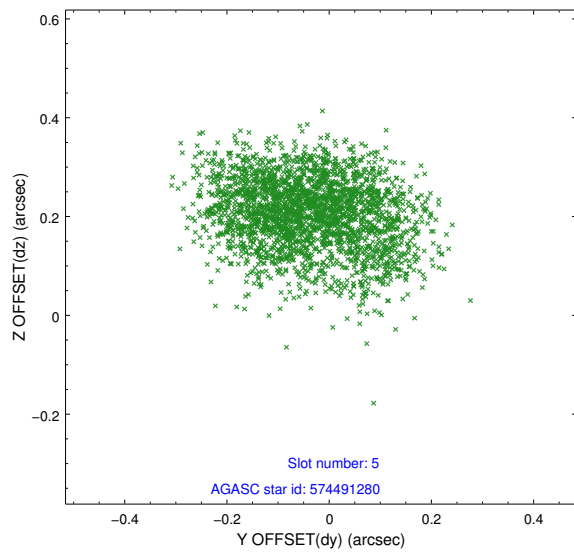
2.4.1 Slot 3



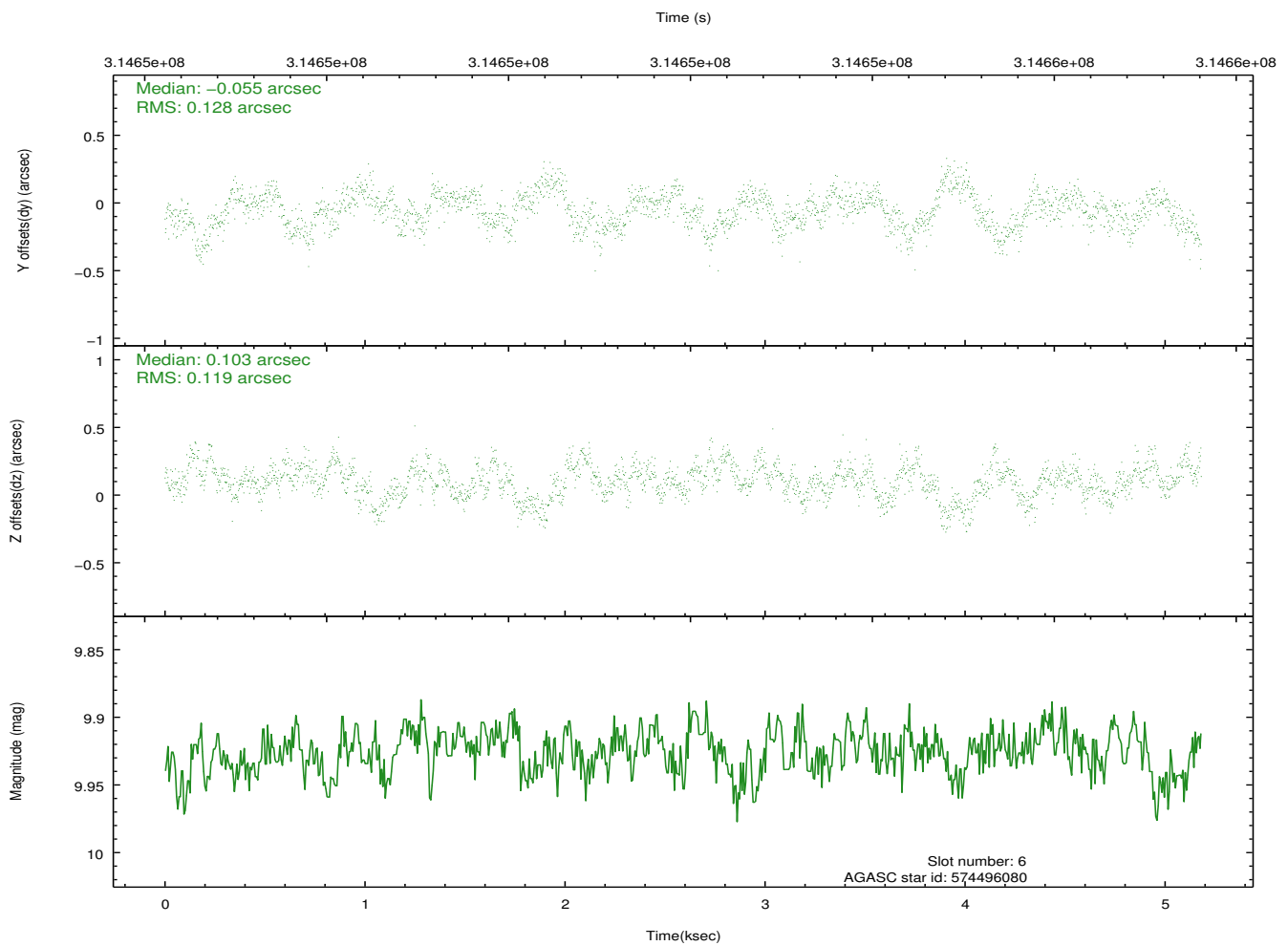
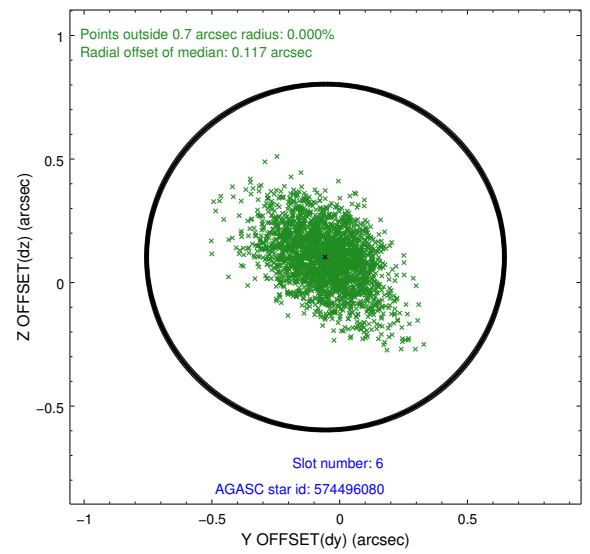
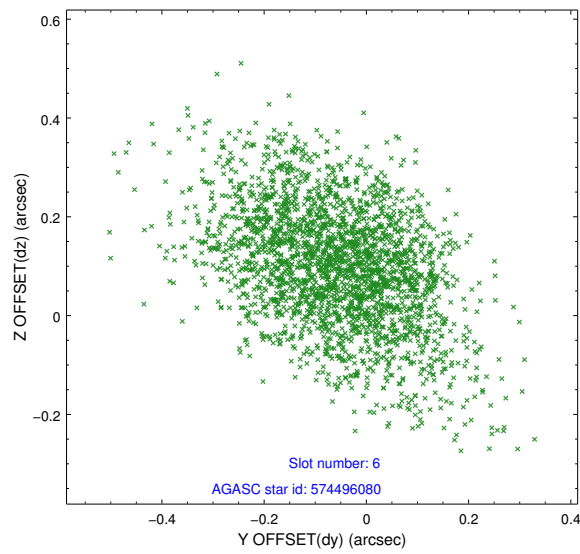
2.4.2 Slot 4



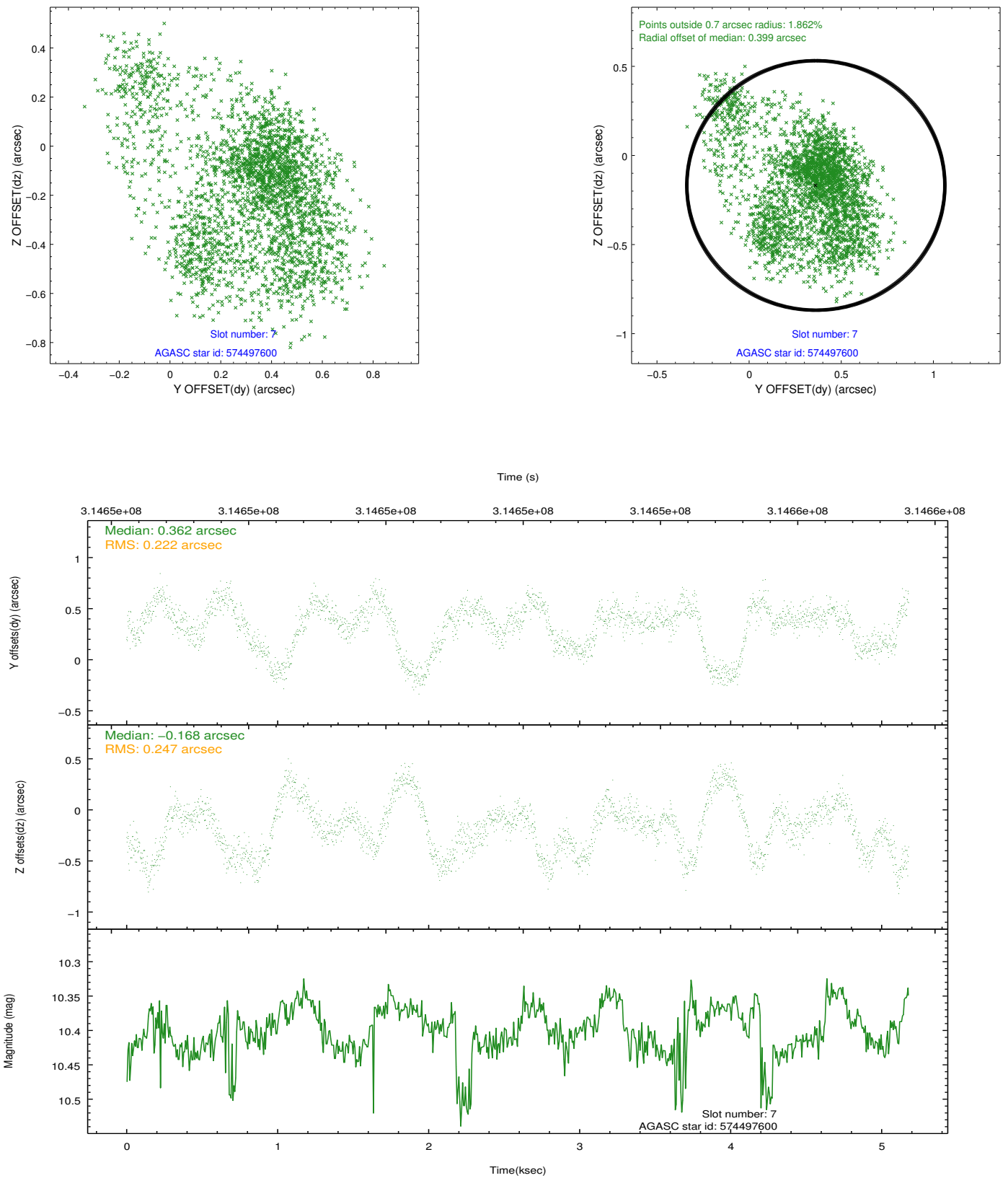
2.4.3 Slot 5



2.4.4 Slot 6

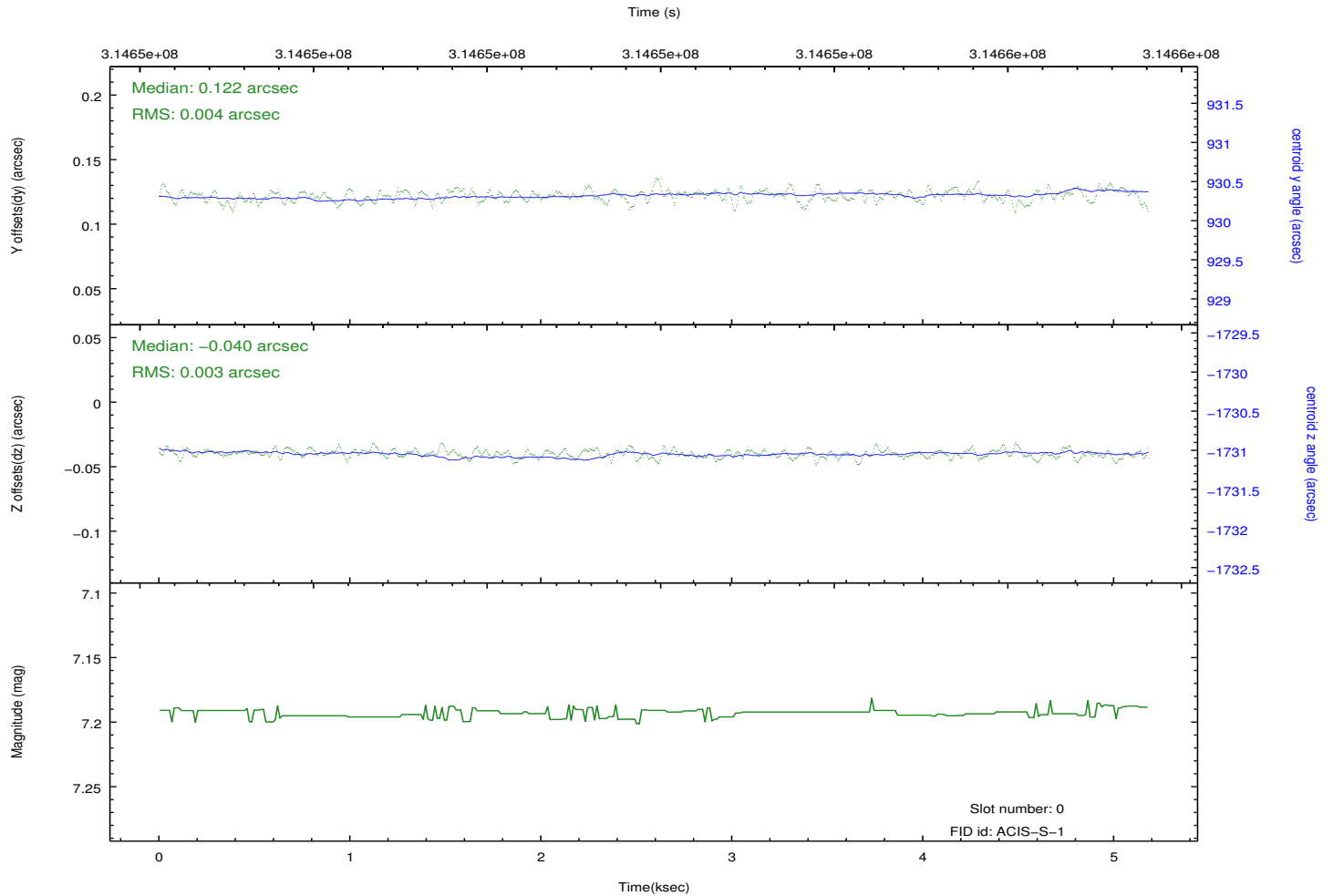
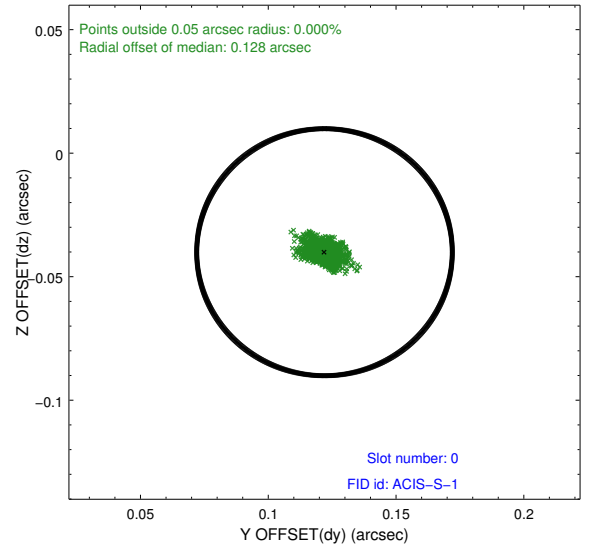
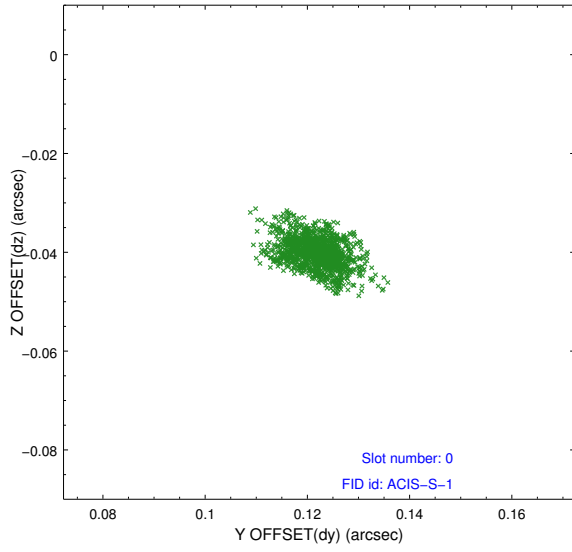


2.4.5 Slot 7

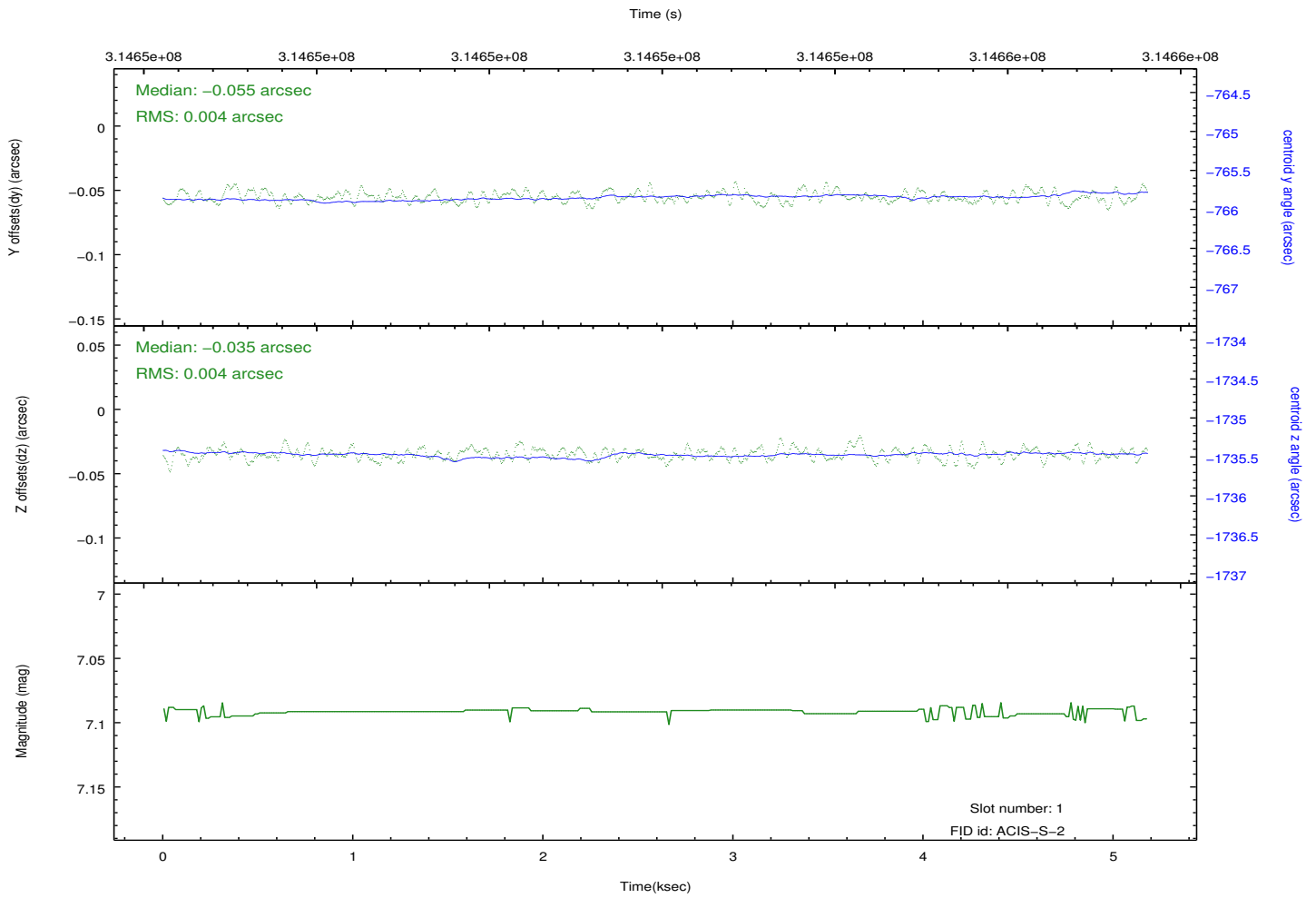
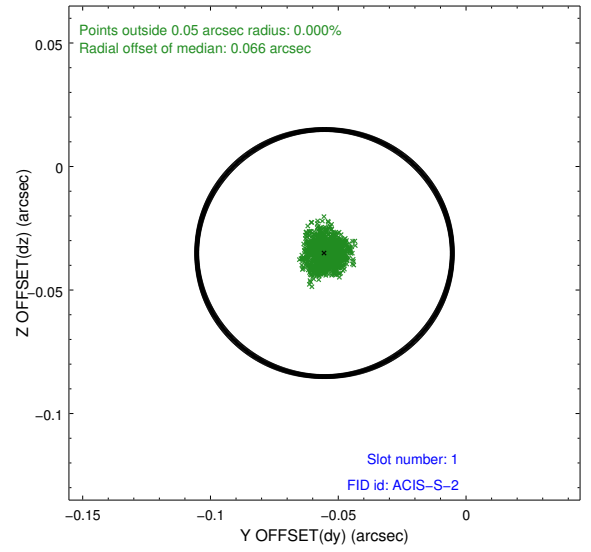
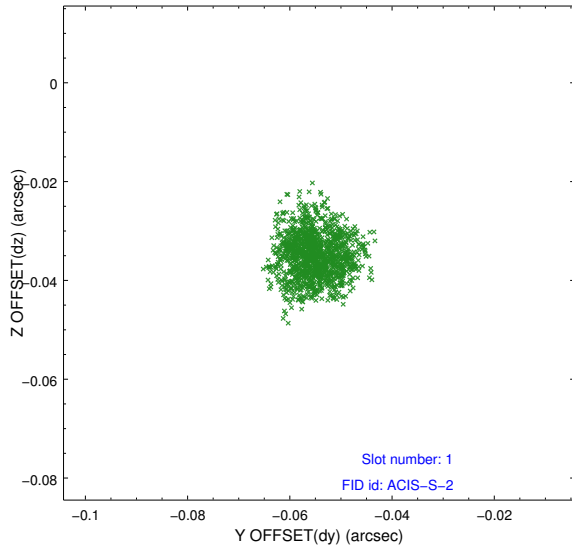


2.5 FID Slots

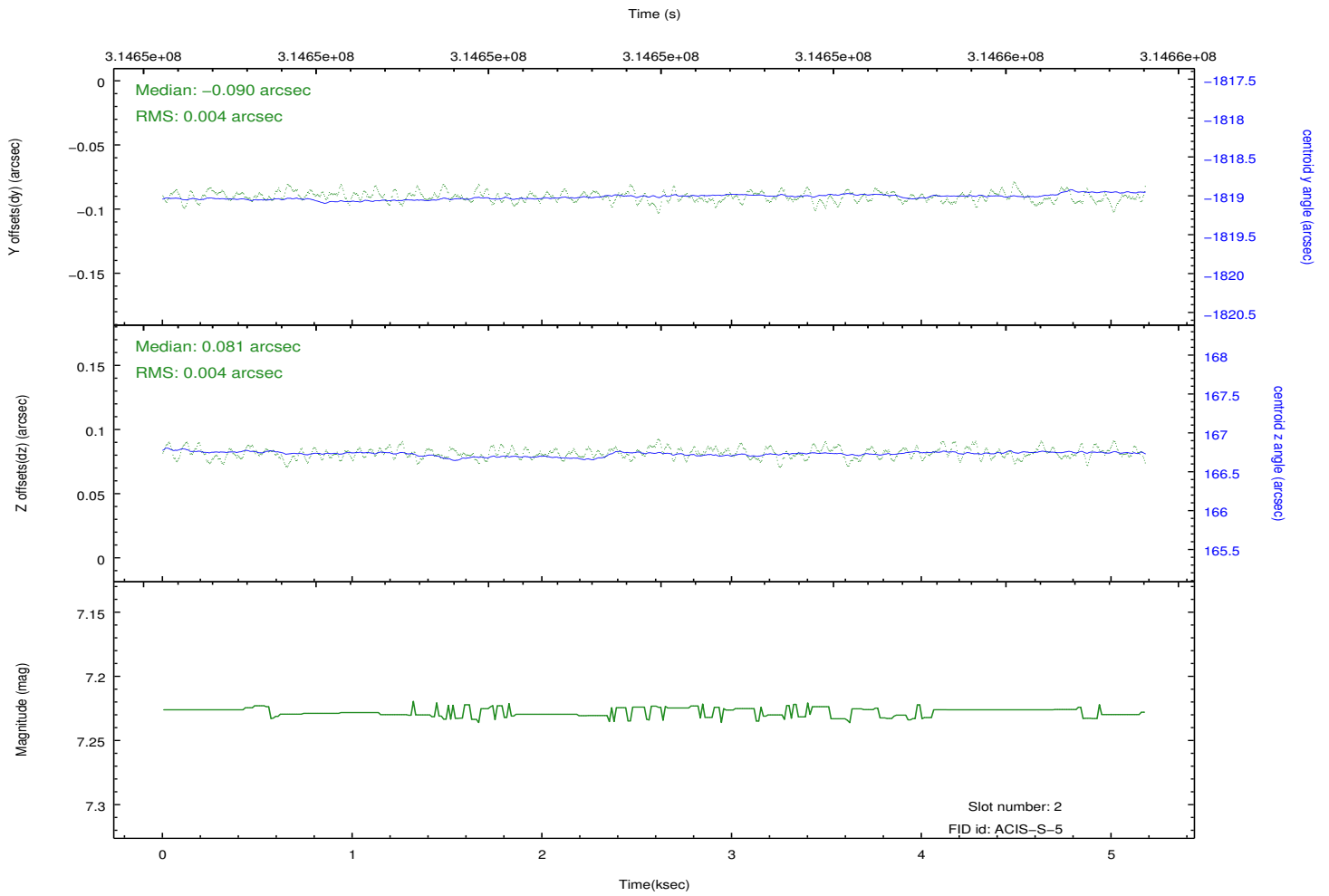
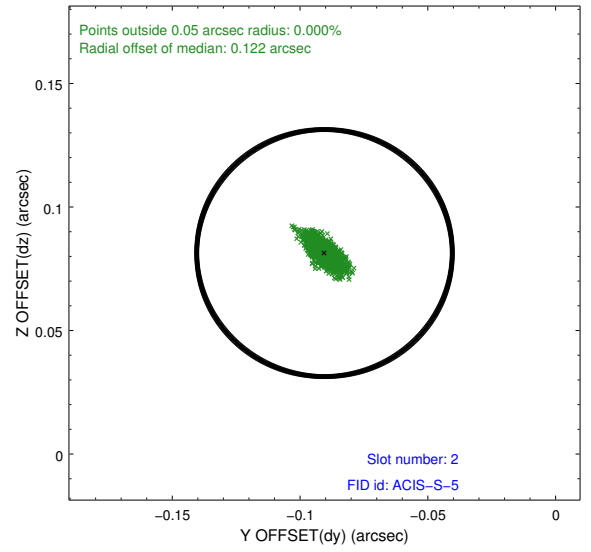
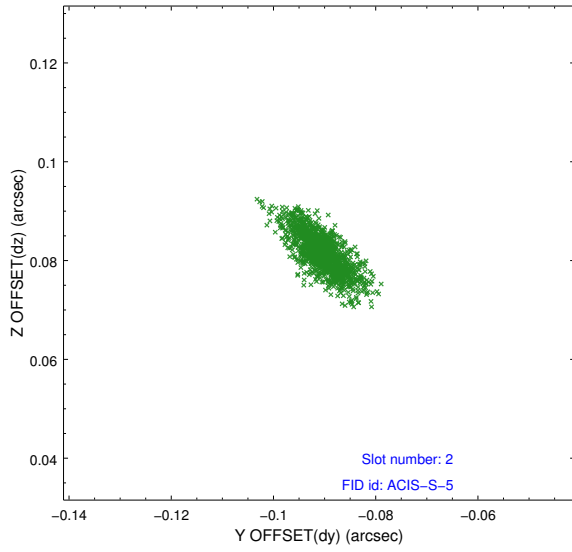
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.175

A.2 Comments