

V&V Reference Report

L2 ASCDS Version : 10.7.1

Observation 21452 - L2 Version 1
Chandra X-Ray Center

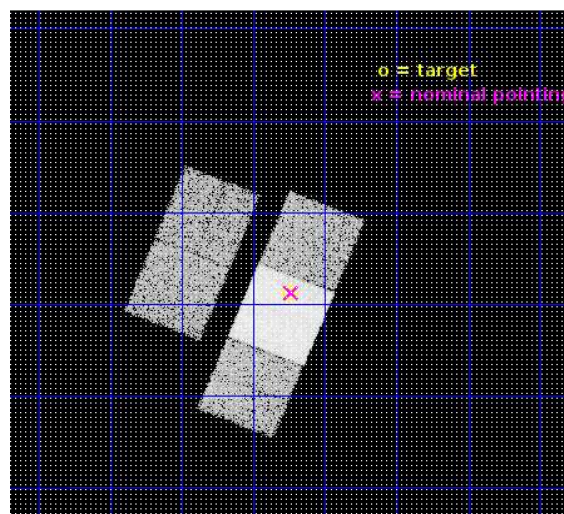
L2 Processing Date : May 9 2019

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1 Front

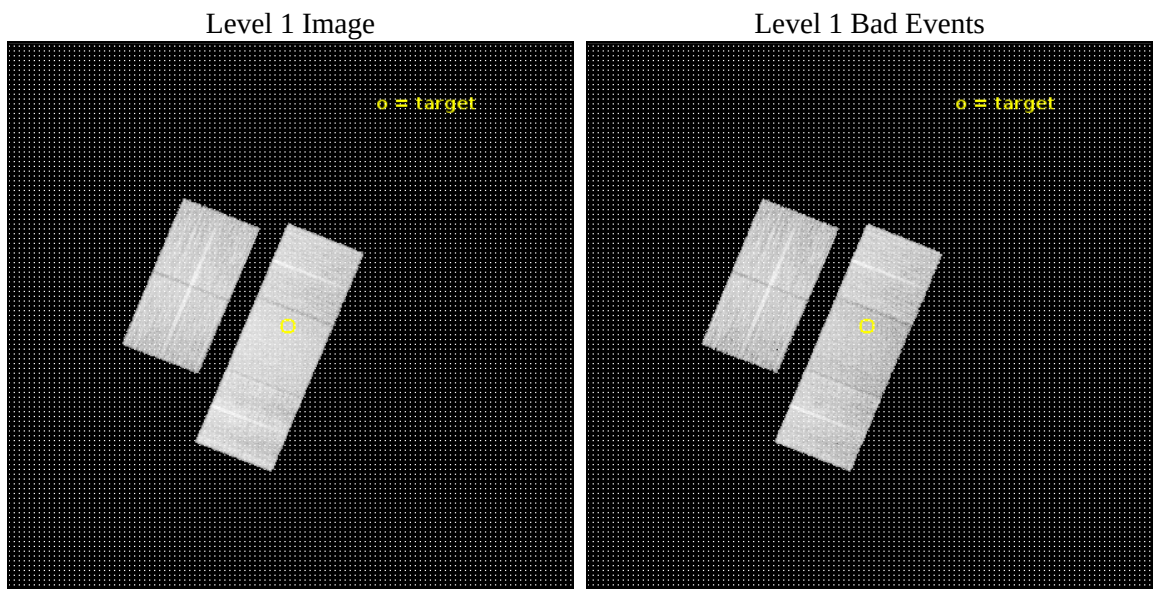
seq_num	703749	Sequence number
obs_id	21452	Observation id
title	Testing Mid-Infrared AGN Selection in Dwarf Galaxies with Chandra and HST	Proposal title
observer	Amy Reines	Principal investigator
object	J233244.60-005847.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	353.1875	Observer's specified target RA [deg]
dec_targ	-0.979417	Observer's specified target Dec [deg]
ra_nom	353.18366348426	Nominal RA [deg]
dec_nom	-0.97912570448123	Nominal Dec [deg]
roll_nom	112.0965632804	Nominal Roll [deg]
revision	1	Processing version of data
ontime	13051.000100493	Sum of GTIs [s]
livetime	12880.479176174	Livetime [s]
ontime2	13047.859090209	Sum of GTIs [s]
ontime3	13047.85904038	Sum of GTIs [s]
ontime6	13051.000100493	Sum of GTIs [s]
ontime7	13051.000100493	Sum of GTIs [s]
ontime8	13051.000100493	Sum of GTIs [s]
l2events	90627	Number of level 2 events



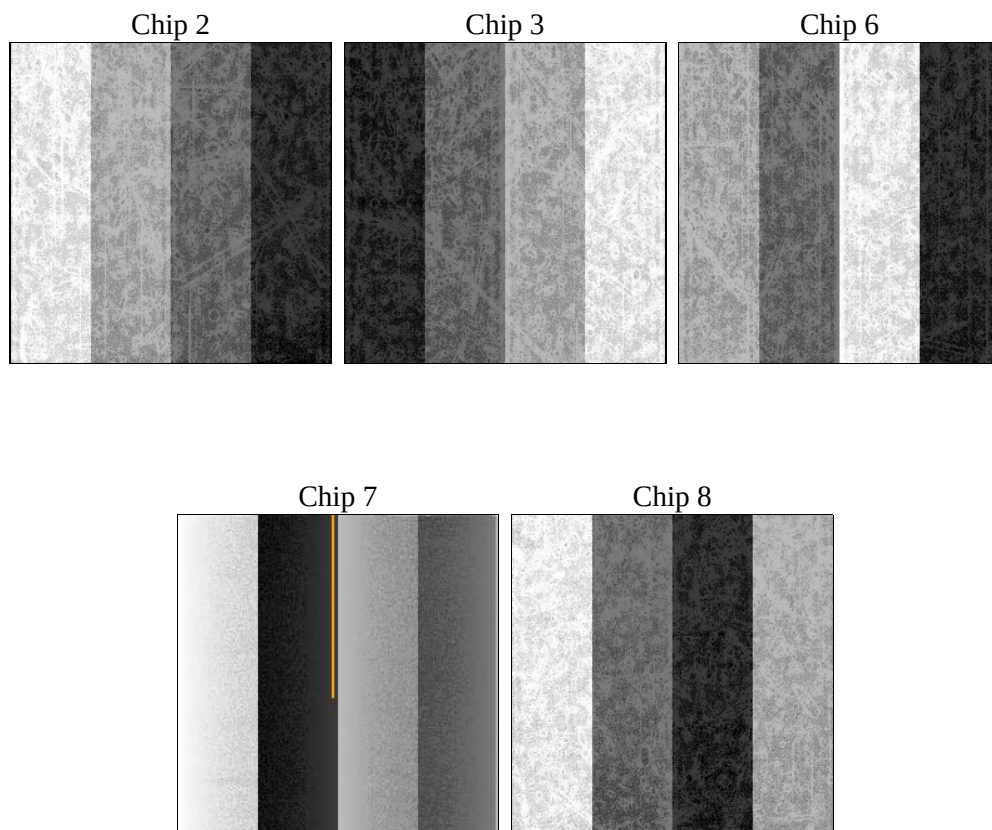
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	13000.000000	[s] Scheduled observation exposure time
ascdsver	10.7.1	Processing system revision	ontime	13051.000100493	Sum of GTIs [s]
caldbver	4.8.2	 	ontime2	13047.859090209	Sum of GTIs [s]
date	2019-05-09T08:47:27	Date and time of file creation	ontime3	13047.85904038	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	13051.000100493	Sum of GTIs [s]
			ontime7	13051.000100493	Sum of GTIs [s]
			ontime8	13051.000100493	Sum of GTIs [s]
			l1events	560832	Number of level 1 events

2.1.4 Events

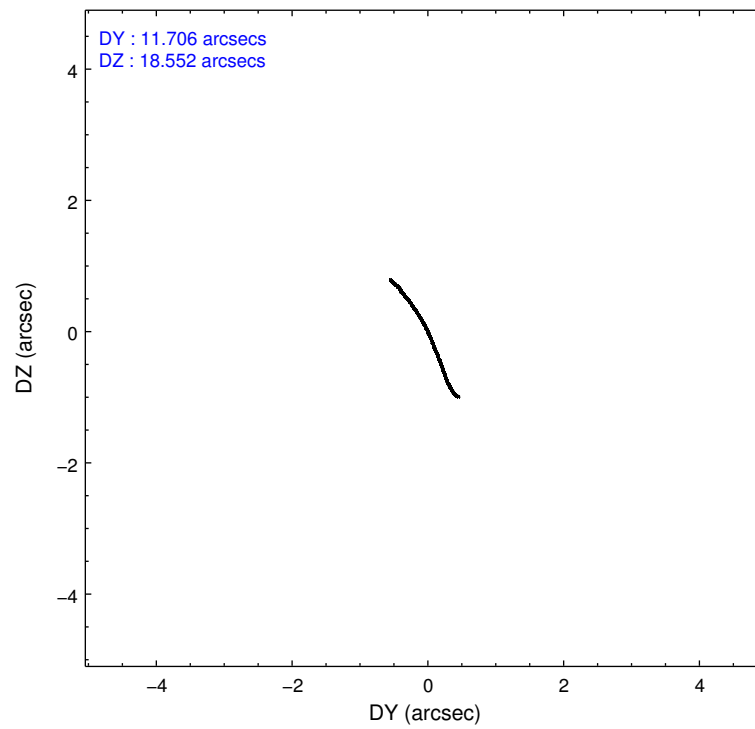
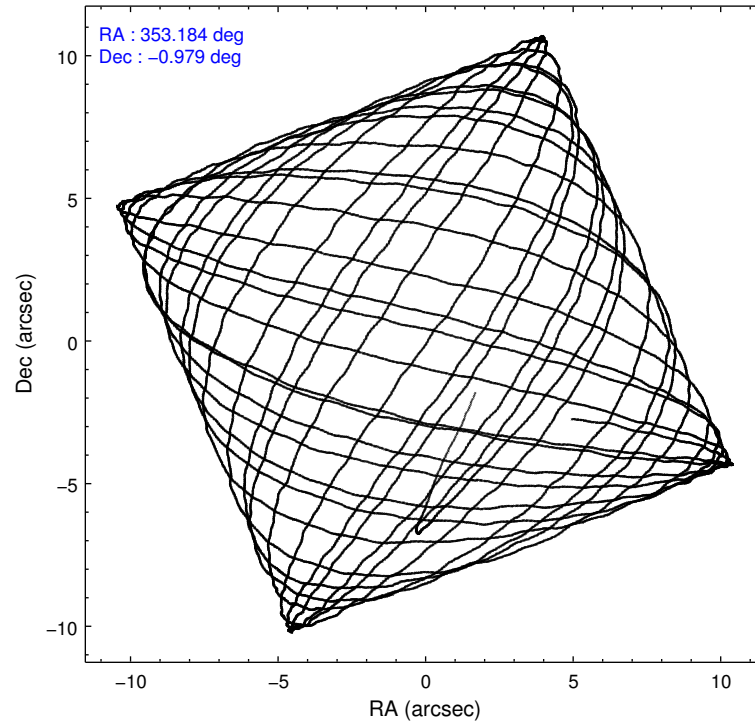
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	99690	97397	108165	127426	128154
rejected events	89725	87604	97013	73120	95920
rejected %	90%	89%	89%	57%	74%

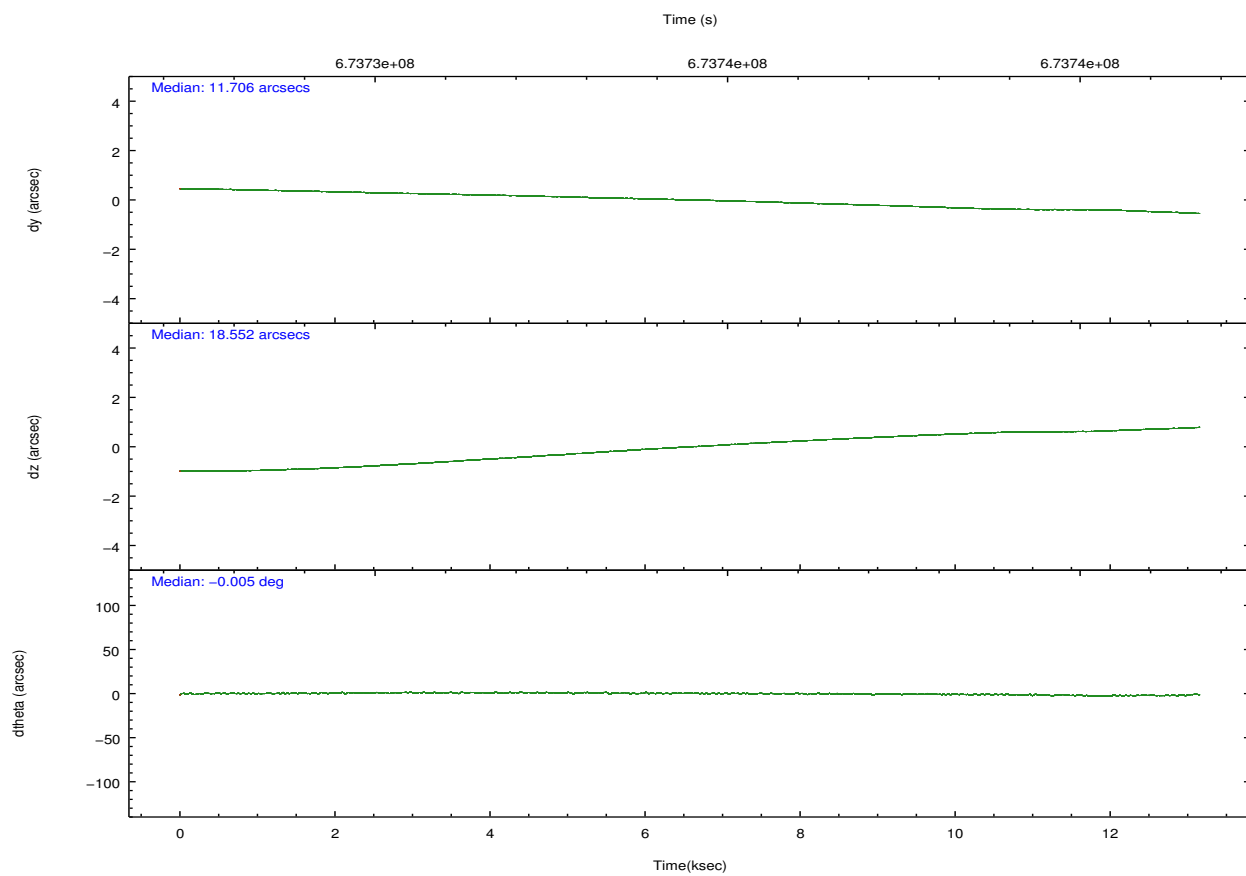
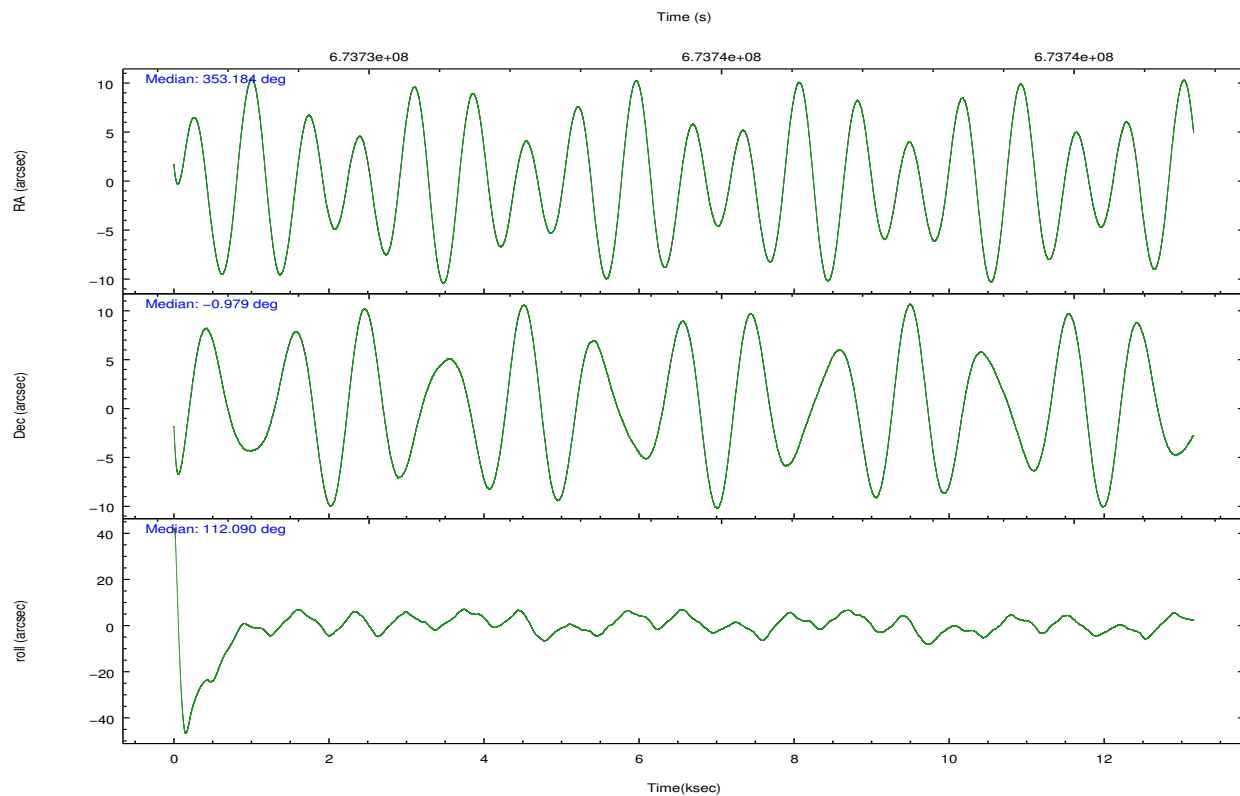
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	3481	3334	3081	4478	8916
	3%	3%	2%	3%	6%
grade 1 events	42	50	40	193	101
	0%	0%	0%	0%	0%
grade 2 events	2398	2180	3186	11287	8005
	2%	2%	2%	8%	6%
grade 3 events	950	1010	874	4139	3119
	0%	1%	0%	3%	2%
grade 4 events	1024	1035	859	4021	2967
	1%	1%	0%	3%	2%
grade 5 events	3734	4342	4112	12022	6432
	3%	4%	3%	9%	5%
grade 6 events	2126	2238	3163	30405	9241
	2%	2%	2%	23%	7%
grade 7 events	85935	83208	92850	60881	89373
	86%	85%	85%	47%	69%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	353.205507	353.1836634842596	CCD I2 on	Y	Y
[deg] Pointing Dec	-0.995689	-0.9791257044812336	CCD I3 on	Y	Y
[deg] Pointing Roll	111.940219	112.0965632803994	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O1	Y
[s] Observation start time (MET)	673728067.184000	673726773.9972	CCD S5 on	N	N
Observation start date	2019-05-08T18:39:58	2019-05-08T18:19:33	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	673741067.184000	673741892.23561	On-chip summing requested	N	N
Observation end date	2019-05-08T22:16:38	2019-05-08T22:31:32	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



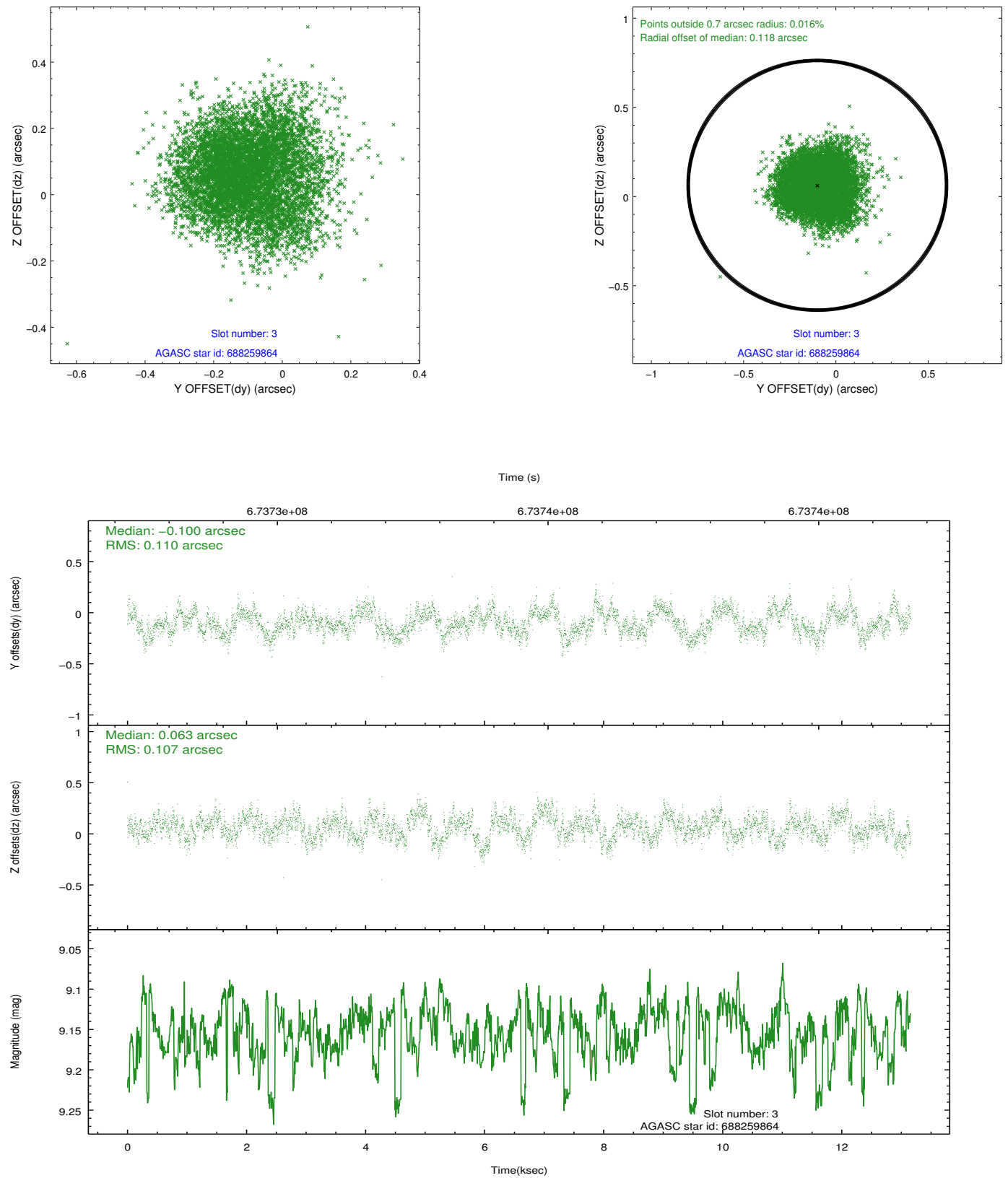


Slot Statistics

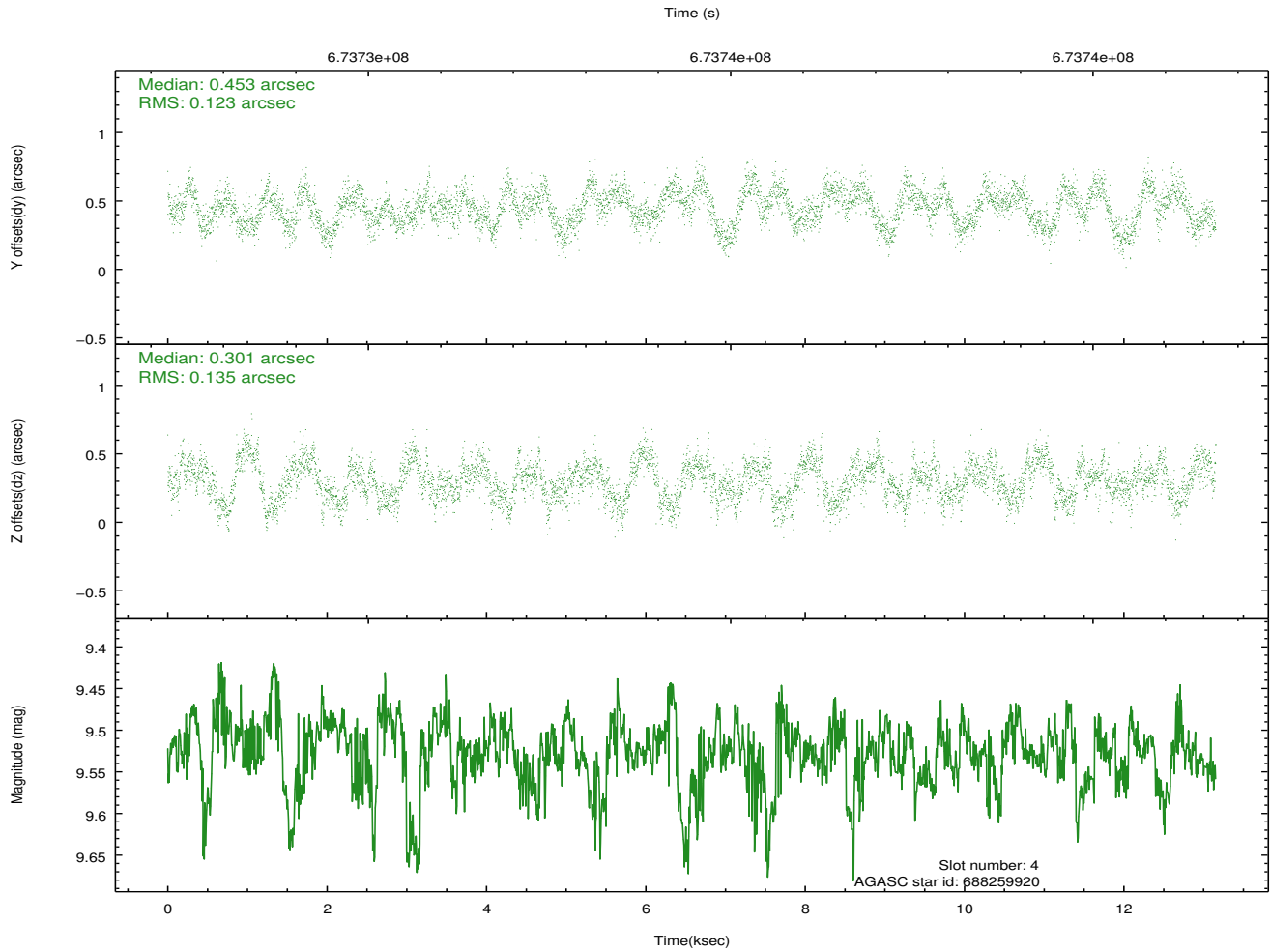
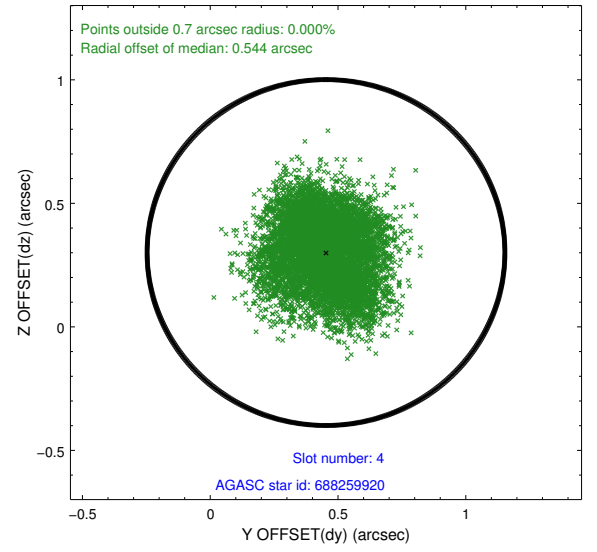
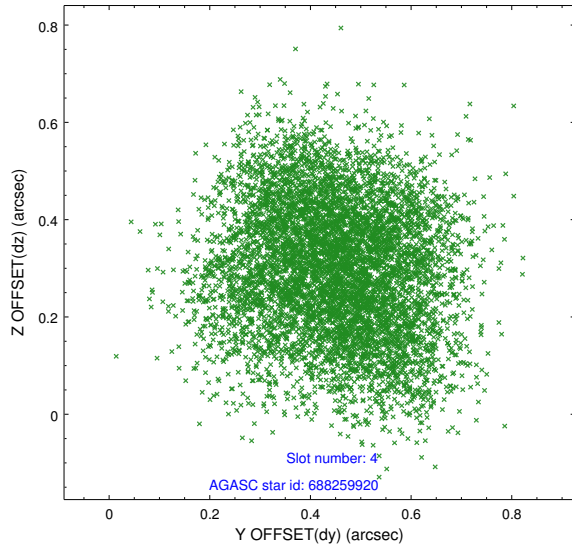
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.14	3209	1.000	-0.259	-0.195	0.029	0.057	0.000000	0.000000	-764.78	-1740
1	FID		ACIS-S-4	7.27	3208	1.000	0.700	0.177	0.009	0.013	0.000000	0.000000	2149.24	168
2	FID		ACIS-S-5	7.25	3209	1.000	-0.474	0.027	0.032	0.067	0.000000	0.000000	-1817.41	162
3	GUIDE	used	688259864	9.15	6405	1.000	-0.100	0.063	0.167	0.256	353.194897	-0.842717	525.36	-169
4	GUIDE	used	688259920	9.53	6408	1.000	0.453	0.301	0.200	0.303	353.609151	-1.523988	-2306.14	-636
5	GUIDE	used	688260544	8.34	6408	1.000	0.047	0.150	0.125	0.208	353.530418	-0.423696	1473.04	-1854
6	GUIDE	used	688264664	7.83	6415	1.000	-0.622	-0.639	0.117	0.181	352.757580	-0.596012	1936.68	957
7	GUIDE	used	688265920	8.12	6415	1.000	0.225	0.130	0.131	0.230	353.620473	-0.325855	1679.13	-2285

2.4 Star Slots

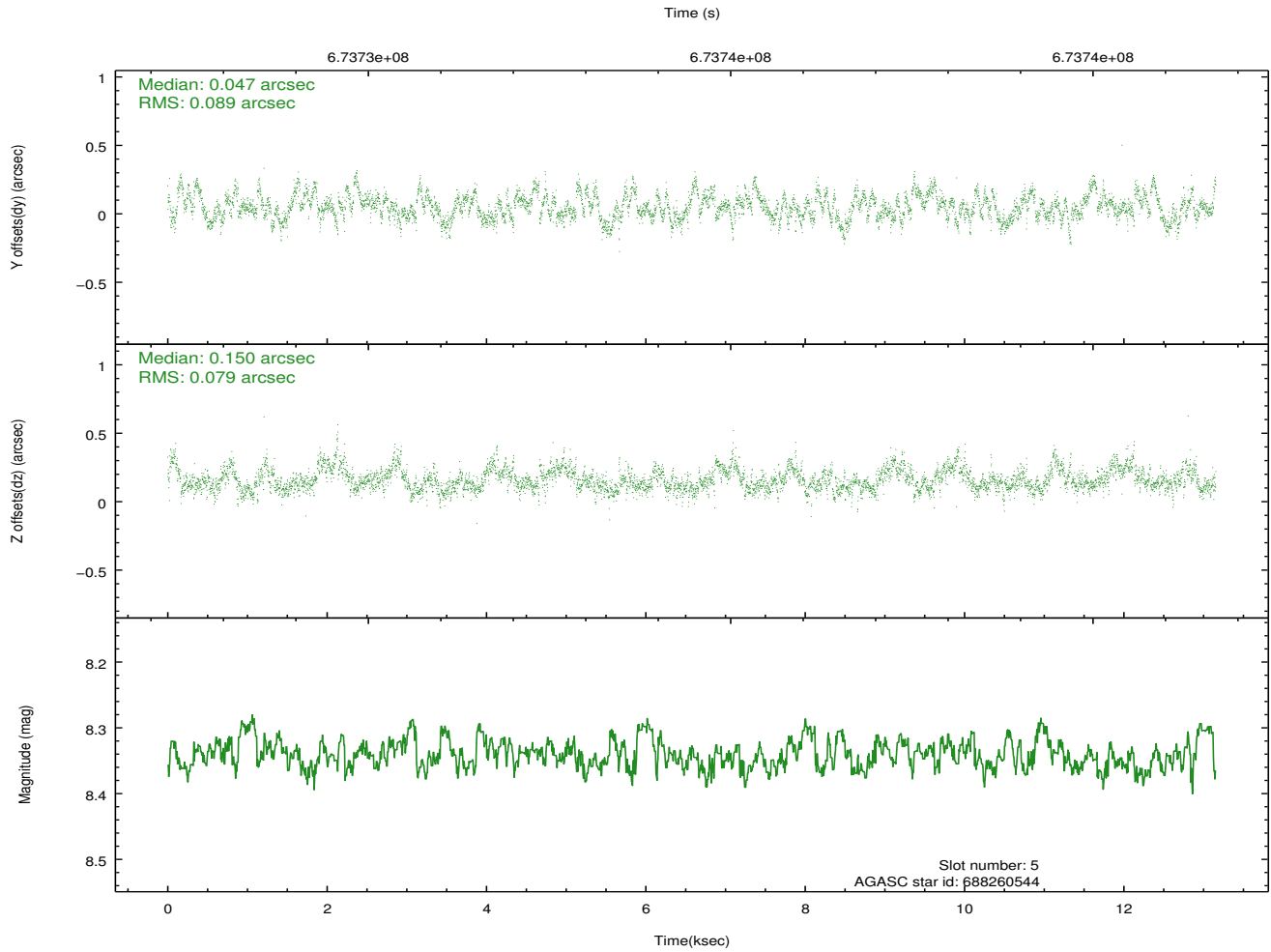
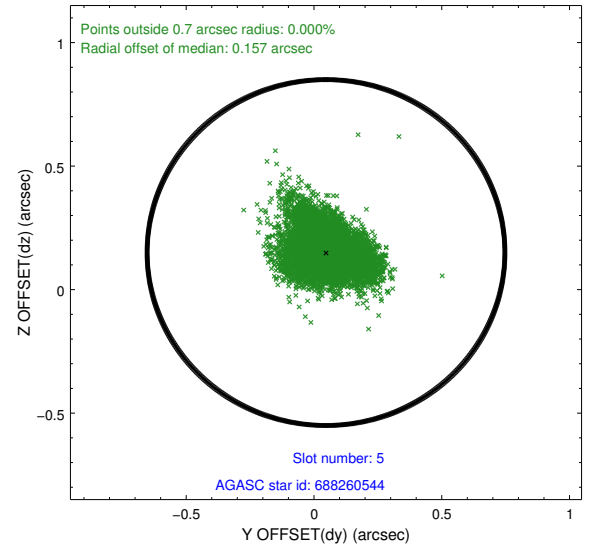
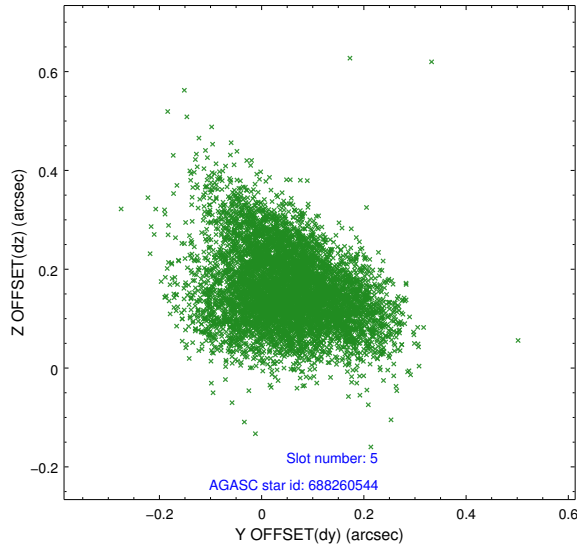
2.4.1 Slot 3



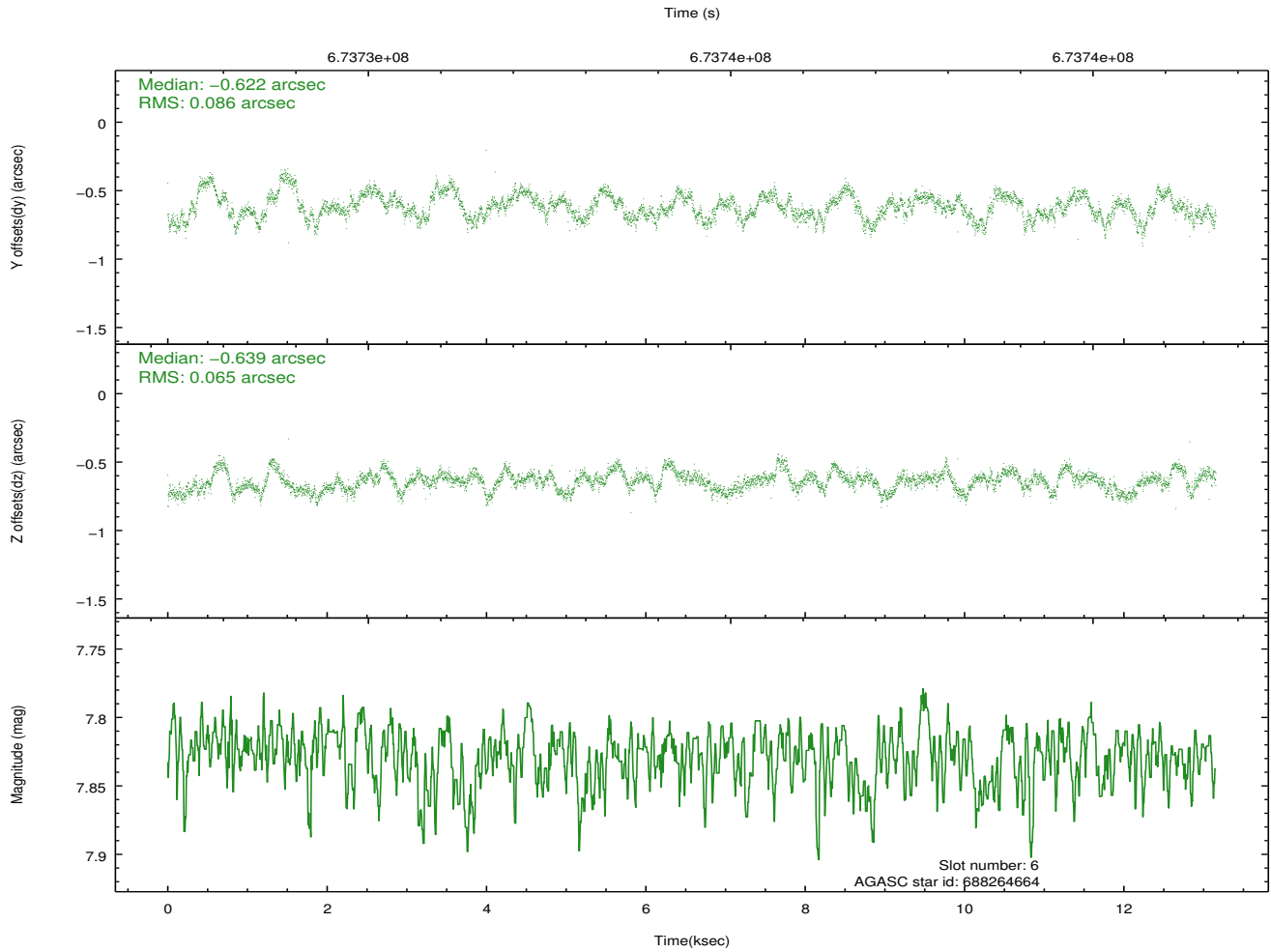
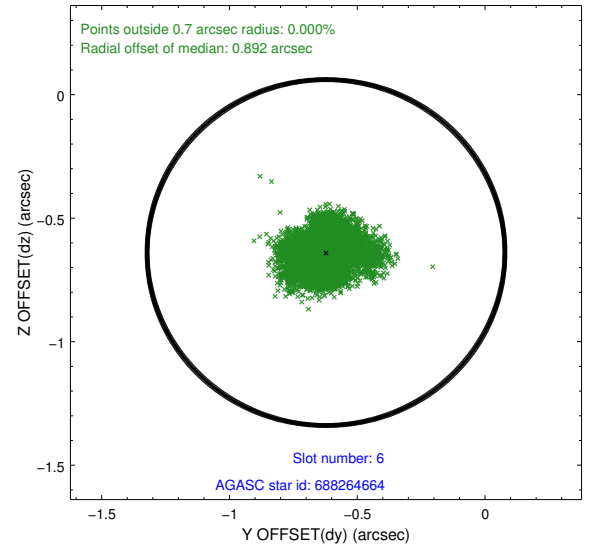
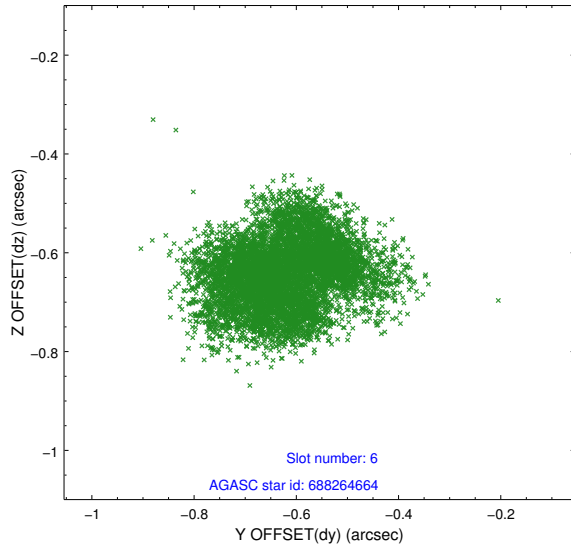
2.4.2 Slot 4



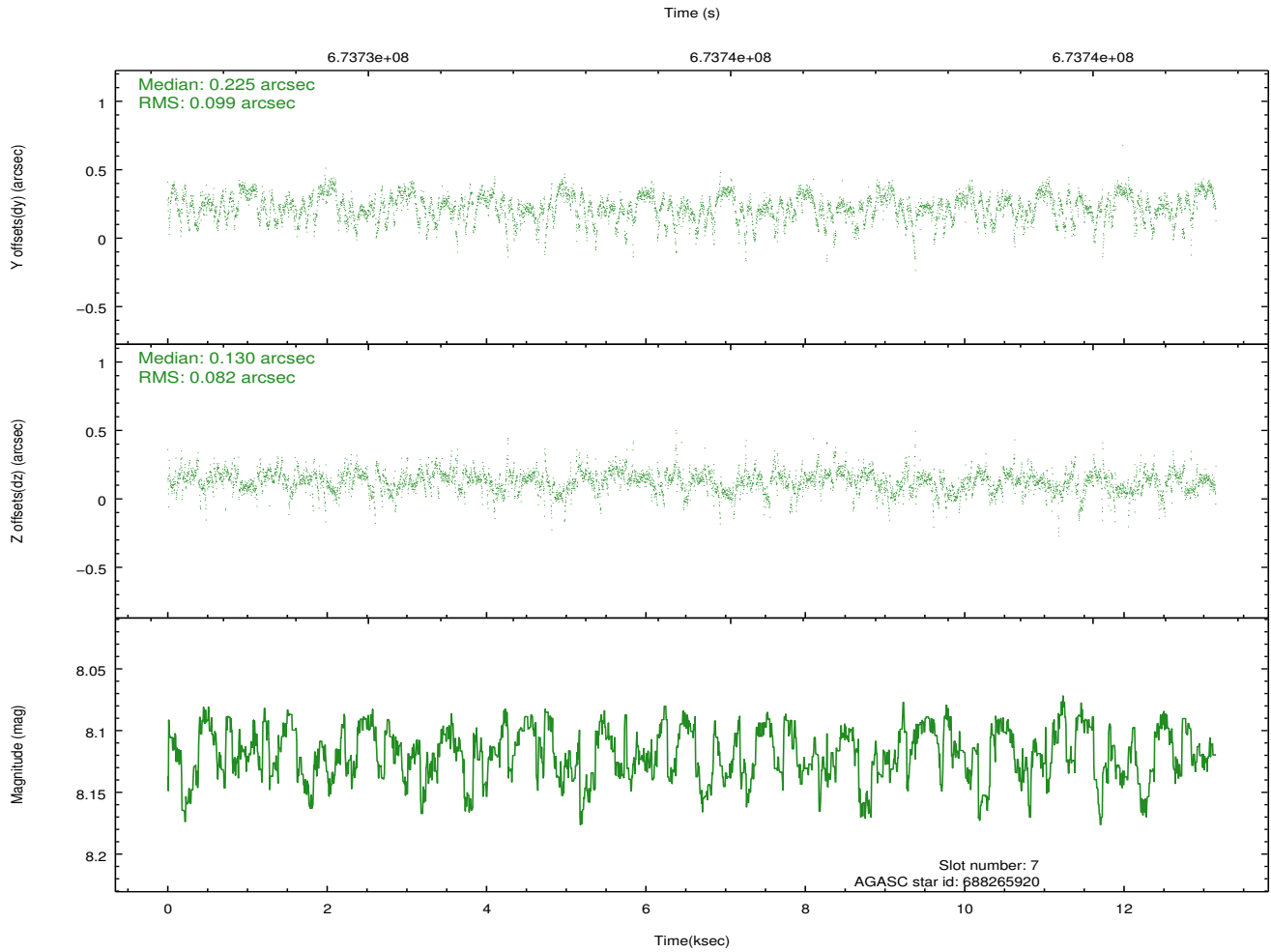
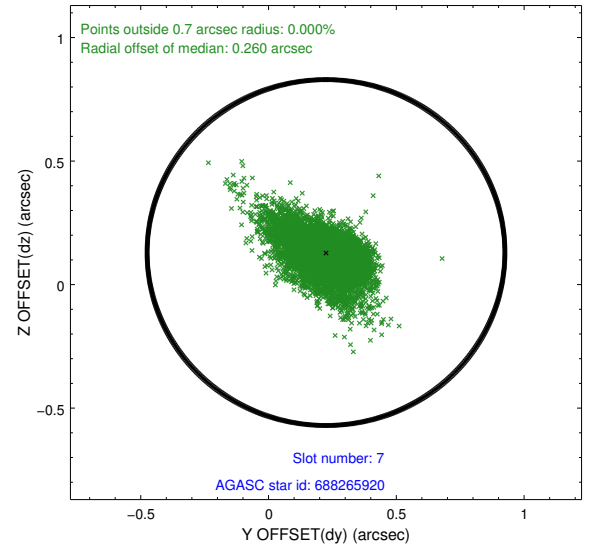
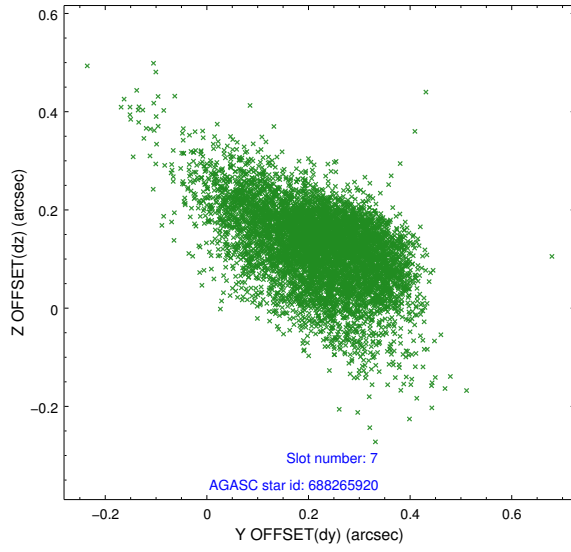
2.4.3 Slot 5



2.4.4 Slot 6

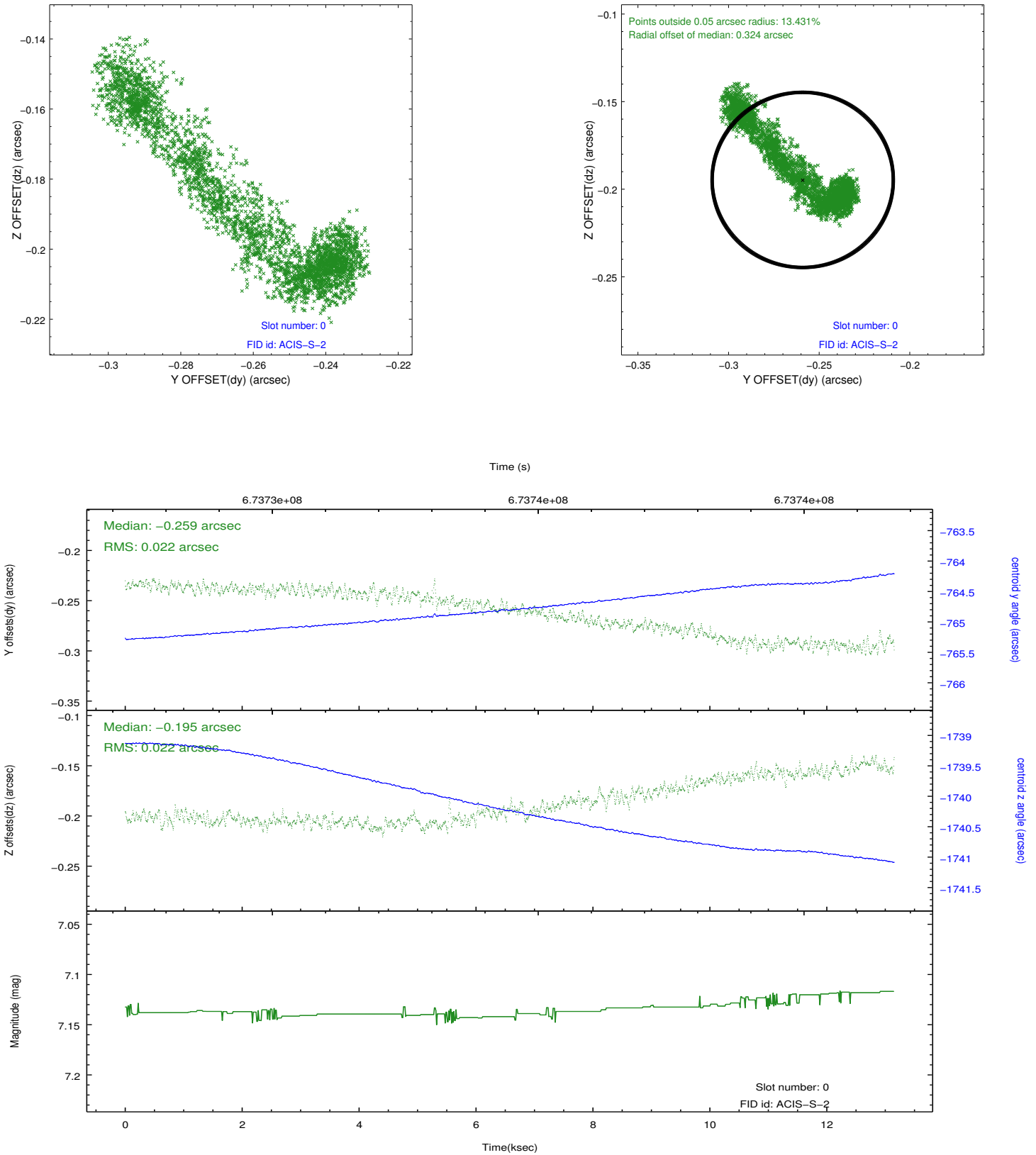


2.4.5 Slot 7

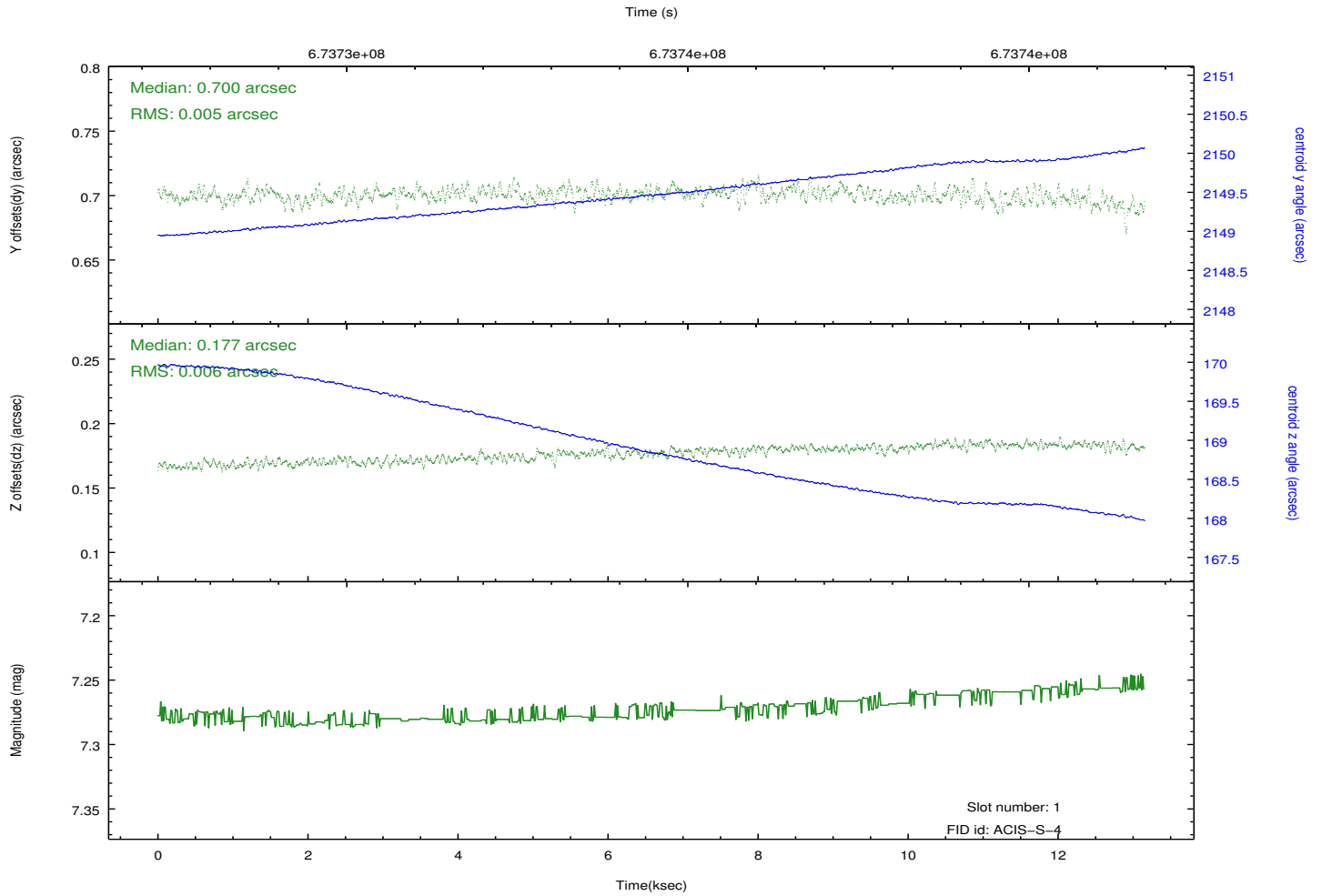
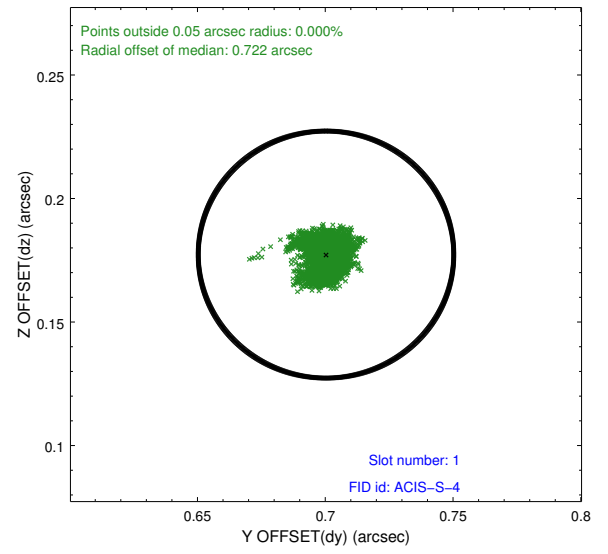
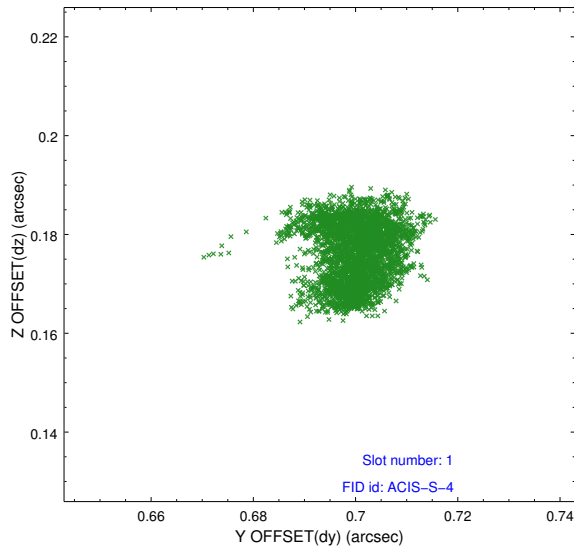


2.5 FID Slots

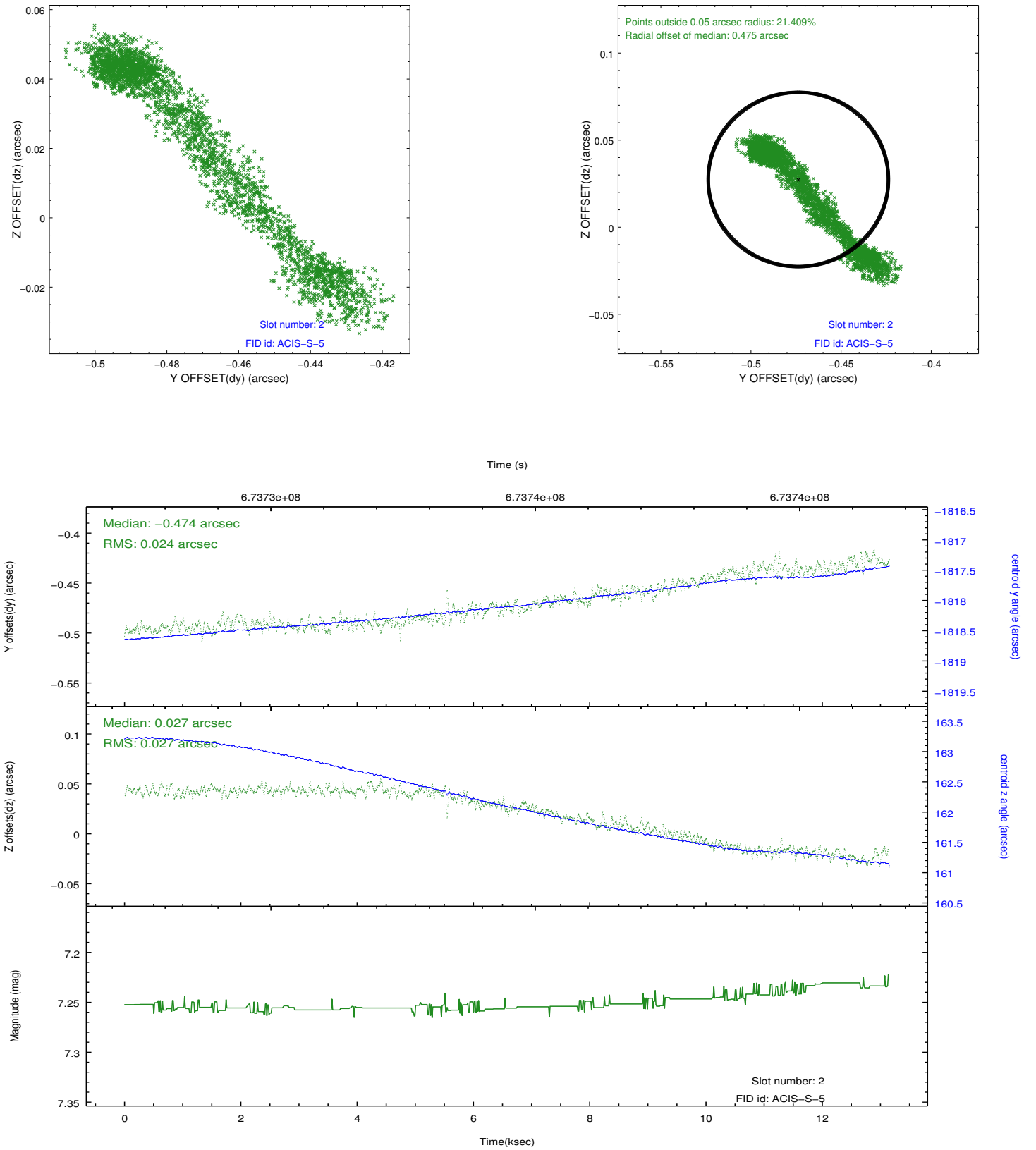
2.5.1 Slot 0



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)	2019.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.051000100493

A.2 Comments

Joint Proposal: HST