

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3125 - L2 Version 3
Chandra X-Ray Center

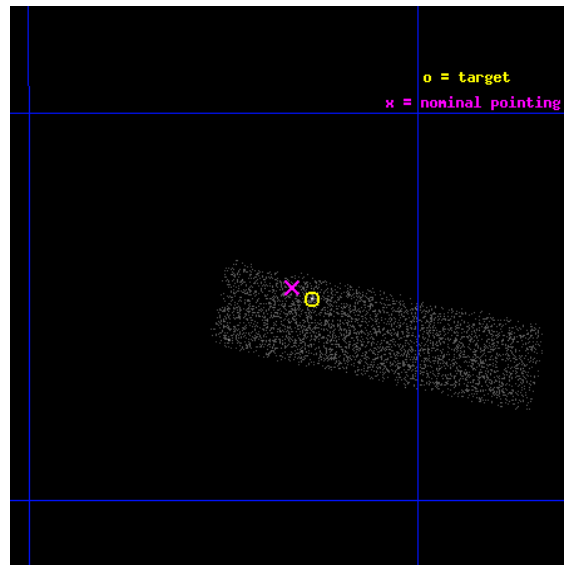
L2 Processing Date : Oct 11 2012

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1 Front

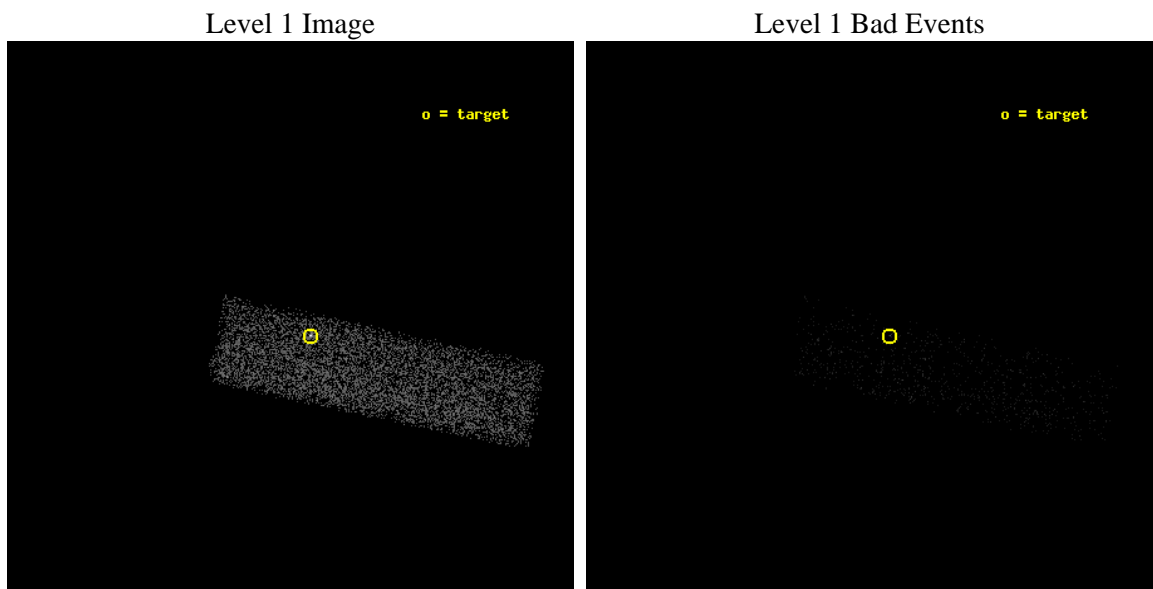
seq_num	700564	Sequence number
obs_id	3125	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	2052-474	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	314.068333	Observer's specified target RA [deg]
dec_targ	-47.246556	Observer's specified target Dec [deg]
ra_nom	314.08117890669	Nominal RA [deg]
dec_nom	-47.241980605805	Nominal Dec [deg]
roll_nom	11.810836581861	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5313.6000791788	Sum of GTIs [s]
livetime	5054.3137821543	Livetime [s]
ontime7	5313.6000791788	Sum of GTIs [s]
l2events	5002	Number of level 2 events



2 OBI

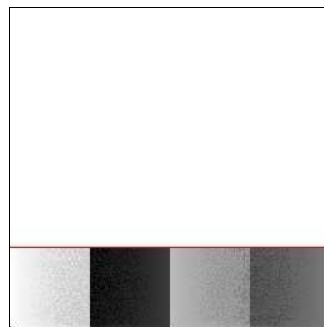
2.1 OBI

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	8.4.5	Processing system revision	ontime	5313.6000791788	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5313.6000791788	Sum of GTIs [s]
date	2012-10-11T20:15:14	Date and time of file creation	l1events	11736	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

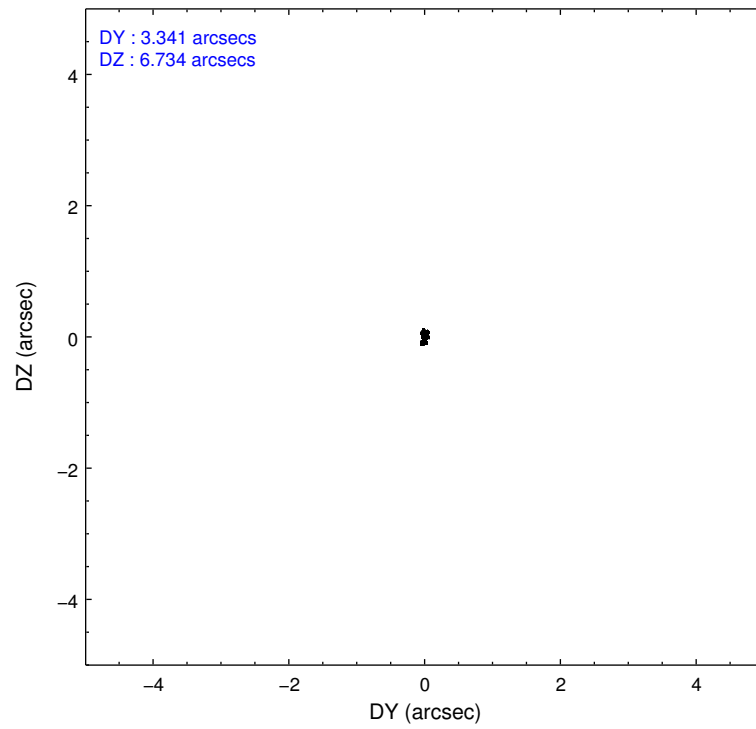
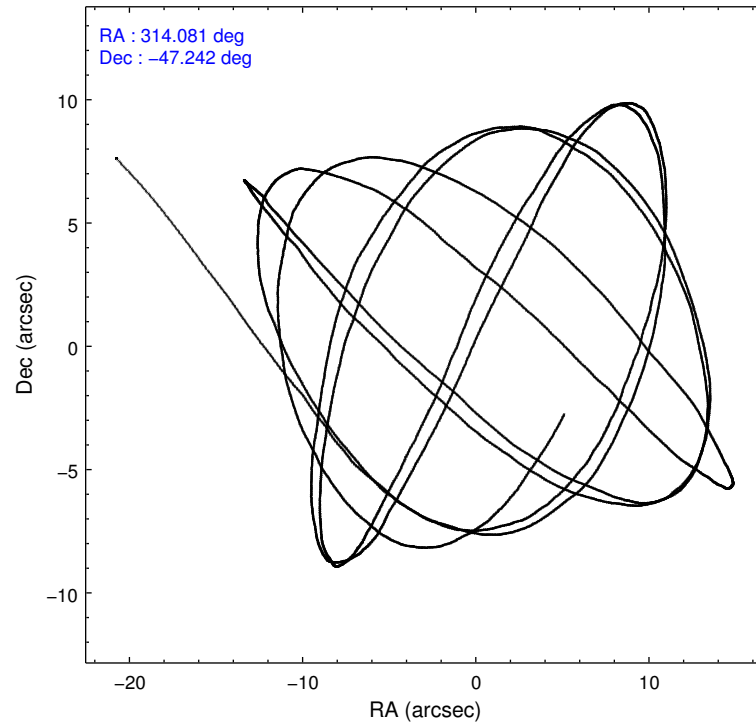
	ccd 7
level 1 events	11736
rejected events	6618
rejected %	56%

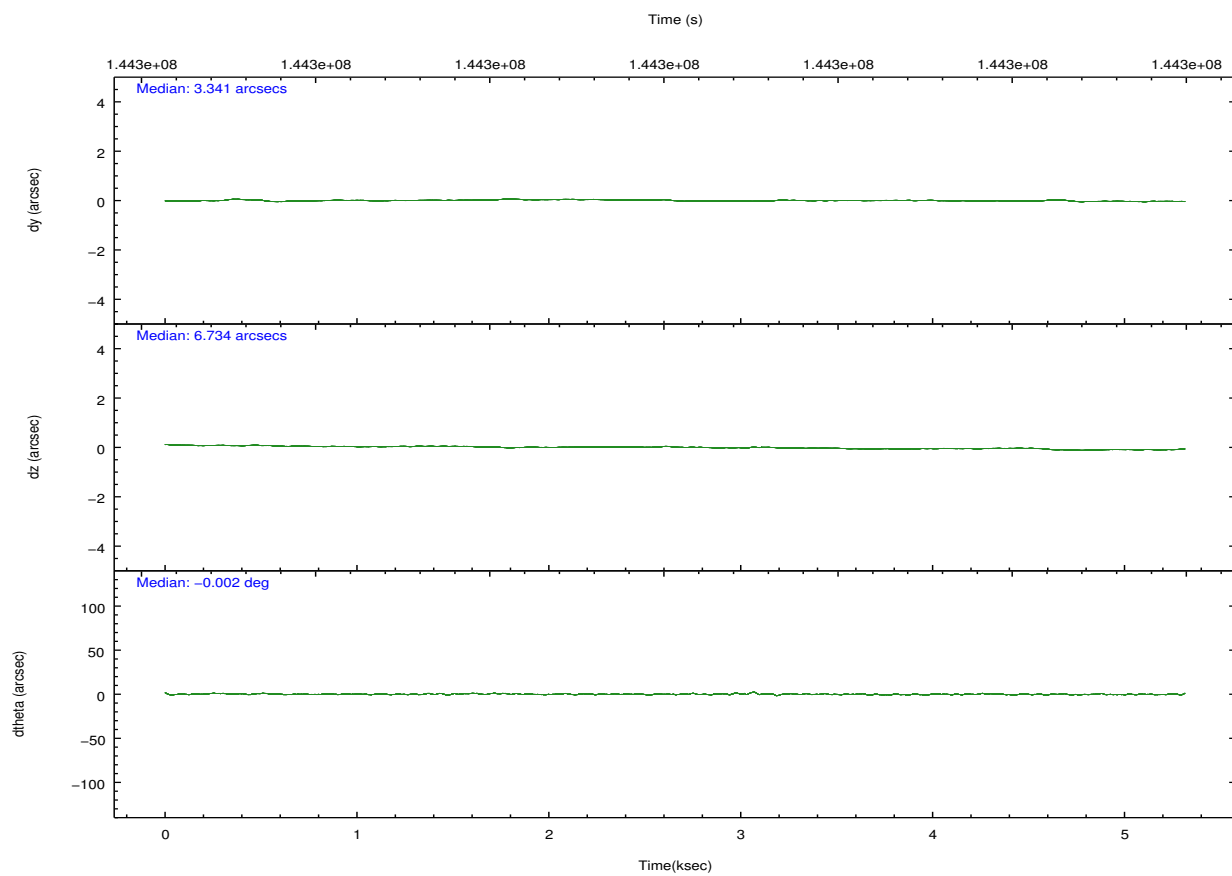
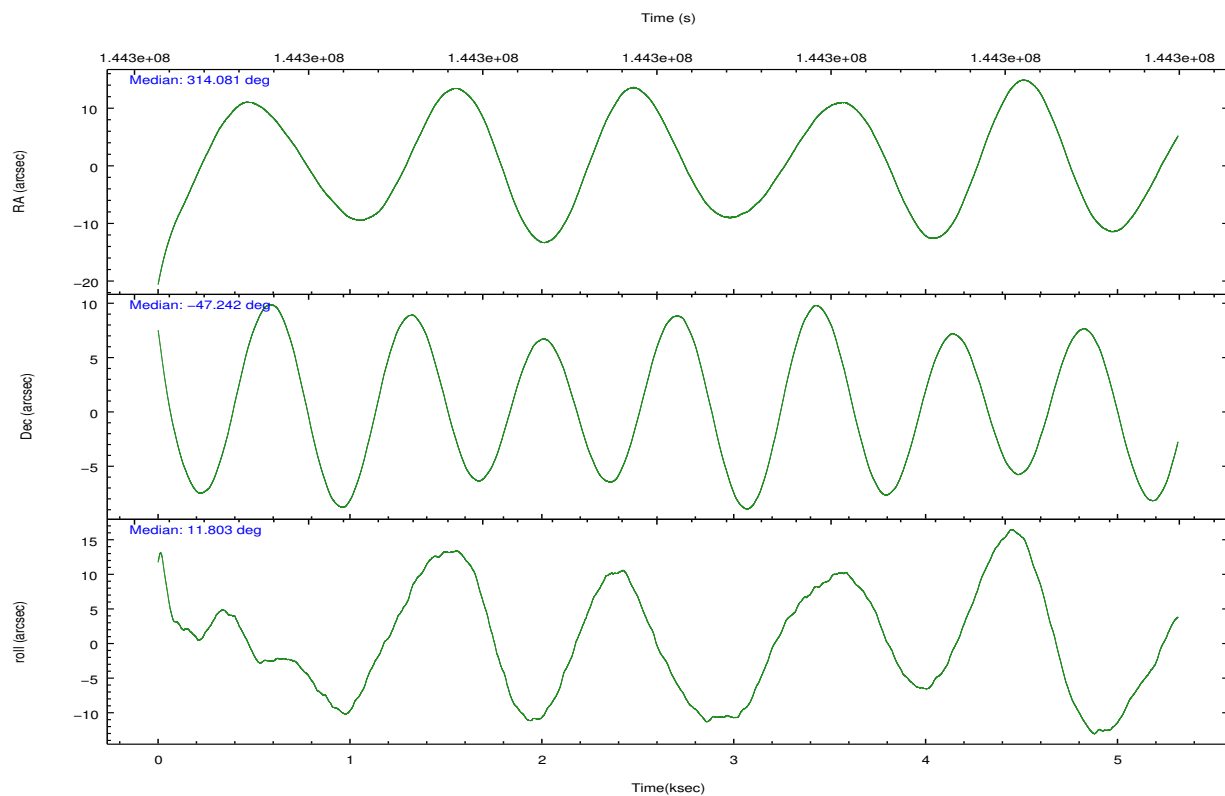
	ccd 7
grade 0 events	612
	5%
grade 1 events	14
	0%
grade 2 events	1168
	9%
grade 3 events	644
	5%
grade 4 events	564
	4%
grade 5 events	1056
	8%
grade 6 events	2578
	21%
grade 7 events	5100
	43%

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	314.051704	314.0811789066922	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-47.260333	-47.24198060580471	Subarray start row	1	1
[deg] Pointing Roll	11.632520	11.81083658186088	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-178.632523	-178.6395878605364			
[mm] SIM translation stage offset	-11.5	-11.49293472247138			
[s] Observation start time (MET)	144299723.184000	144298696.52127			
Observation start date	2002-07-29T03:14:19	2002-07-29T02:58:16			
[s] Observation end time (MET)	144304723.184000	144305619.88405			
Observation end date	2002-07-29T04:37:39	2002-07-29T04:53:39			
Read mode	TIMED	TIMED			

2.3 Aspect



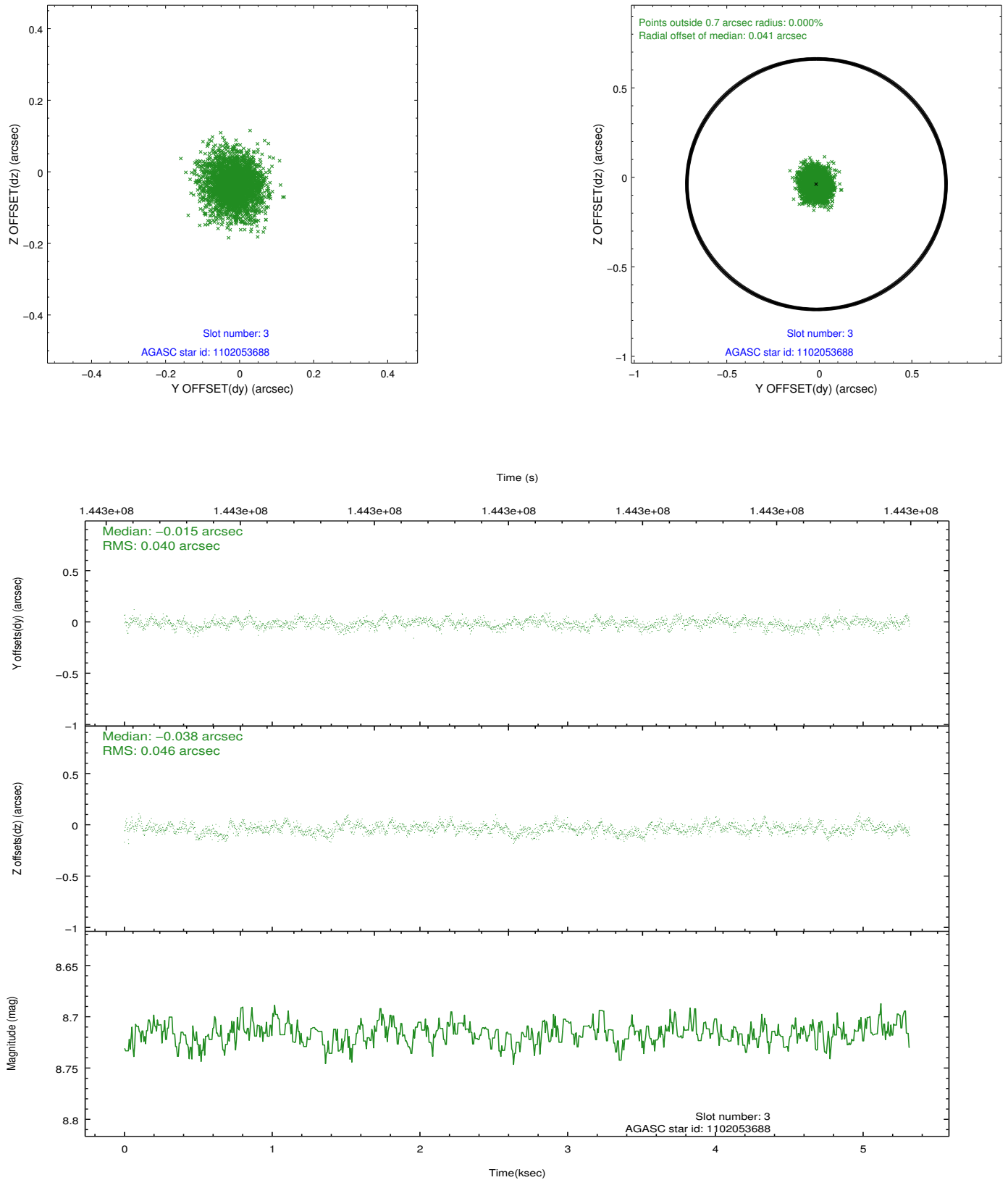


Slot Statistics

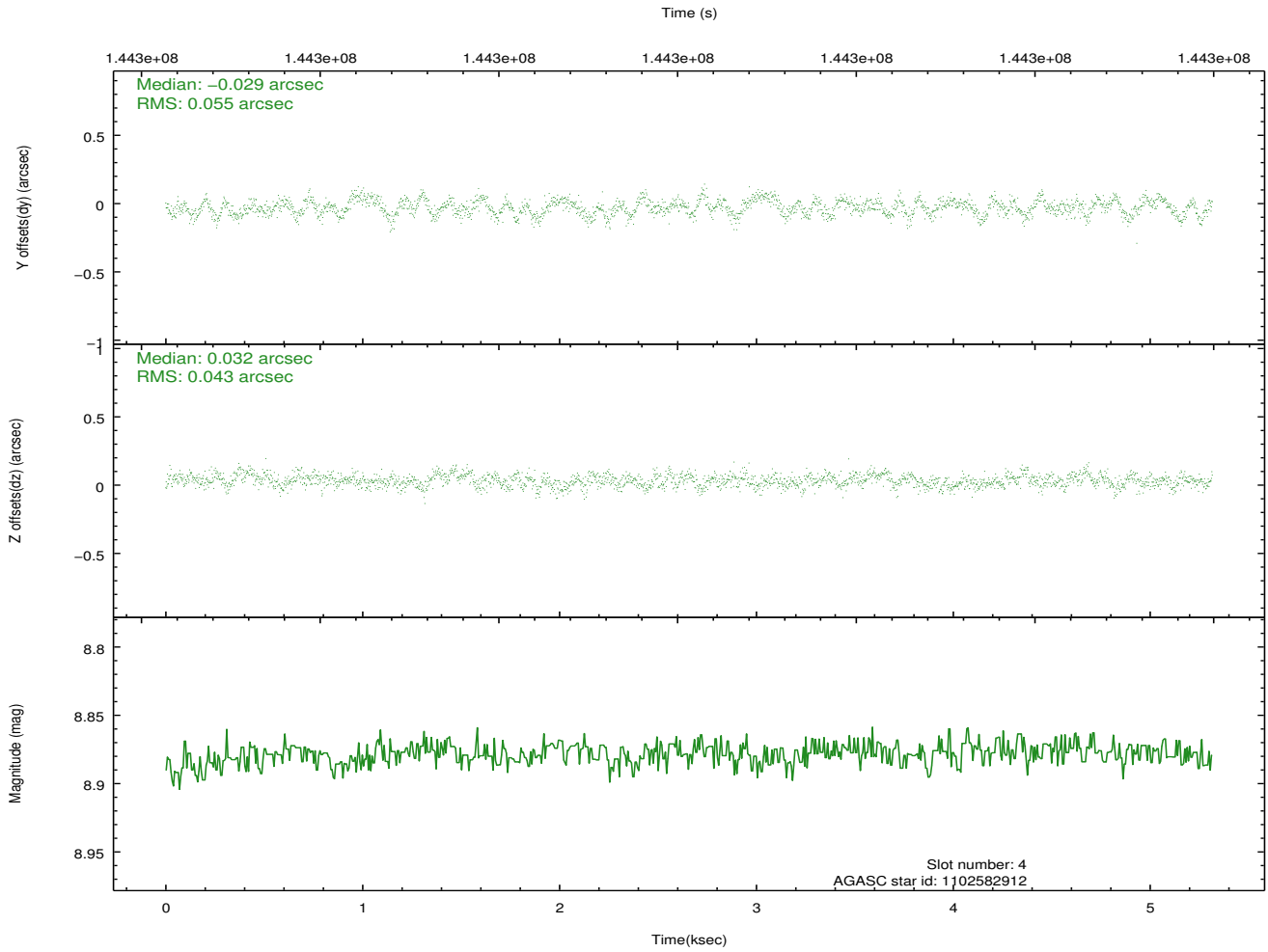
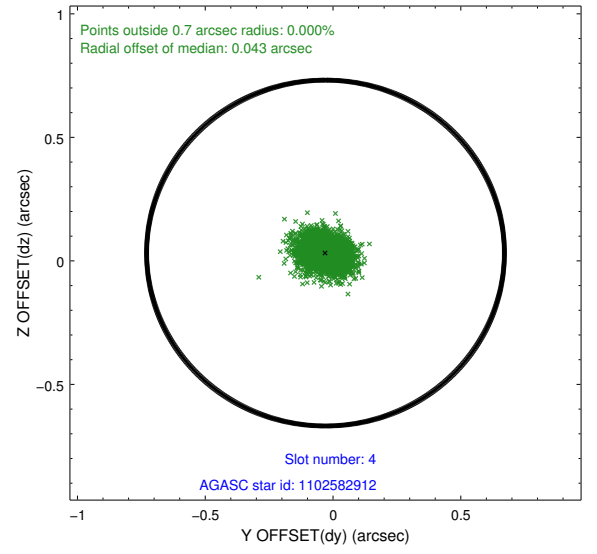
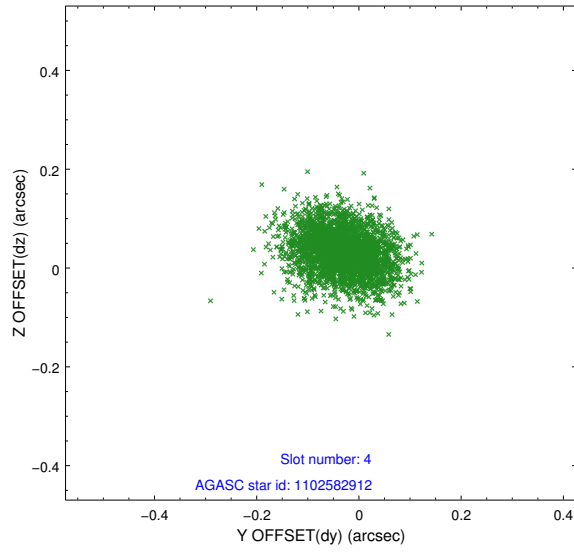
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1297	0.052	0.129	0.007	0.012	0.000000	0.000000	940.85	-1960.02
1	FID	ACIS-S-5	7.23	1297	-0.002	0.103	0.006	0.011	0.000000	0.000000	-1807.46	-63.71
2	FID	ACIS-S-6	7.44	1297	-0.071	-0.221	0.007	0.012	0.000000	0.000000	405.19	581.09
3	GUIDE	1102053688	8.72	2593	-0.015	-0.038	0.065	0.106	313.858651	-46.737176	-86.36	1940.47
4	GUIDE	1102582912	8.88	2593	-0.029	0.032	0.075	0.120	313.287878	-47.776520	-2185.58	-1455.56
5	GUIDE	1102583728	8.50	2594	-0.018	0.077	0.069	0.112	313.498799	-47.890206	-1765.34	-1956.88
6	GUIDE	1102582368	9.43	2593	0.032	0.061	0.094	0.153	314.908719	-47.760406	1666.58	-2192.80
7	GUIDE	1102057408	9.35	2566	0.034	-0.132	0.121	0.189	313.352456	-46.694136	-1280.72	2335.75

2.4 Star Slots

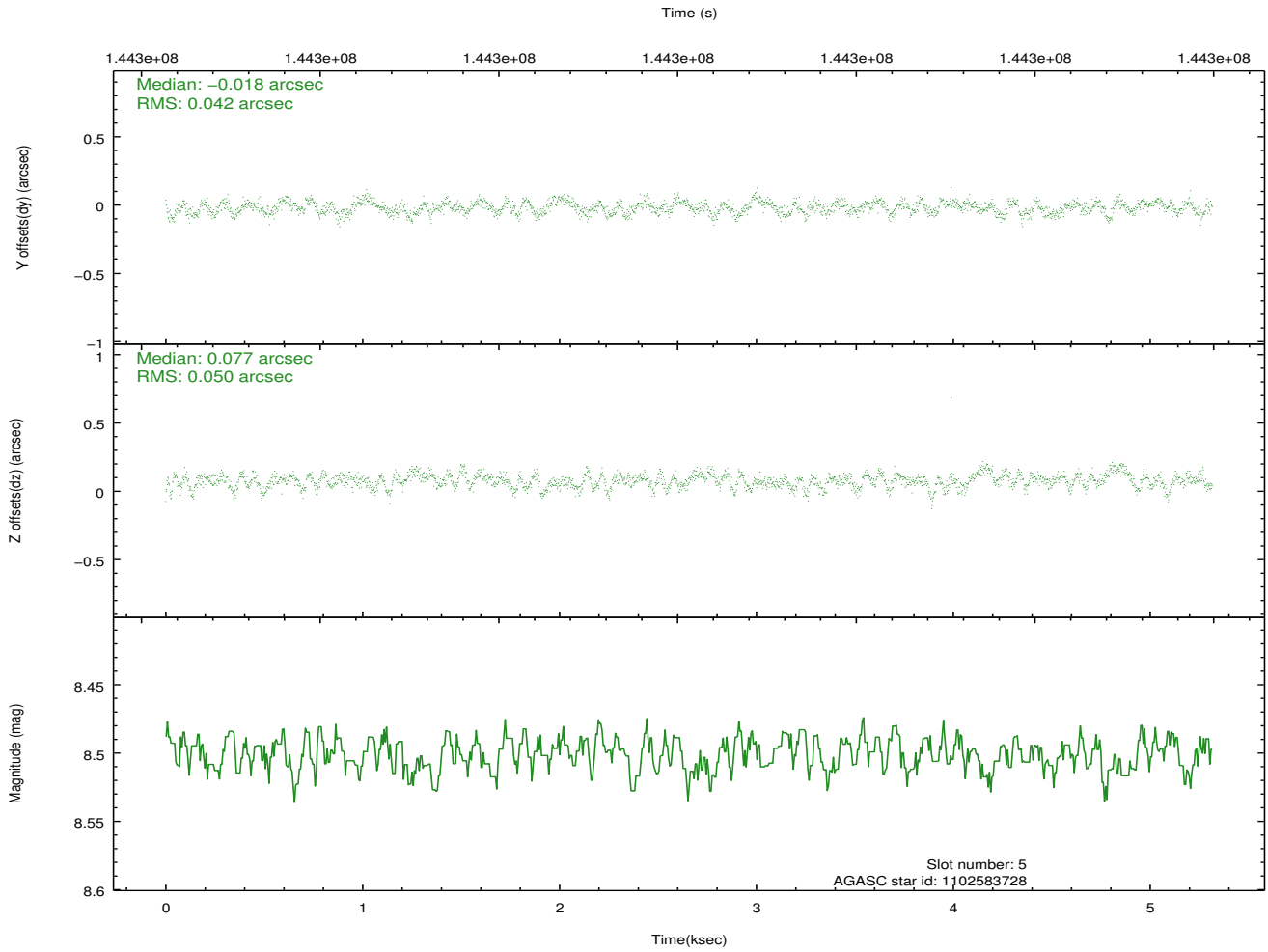
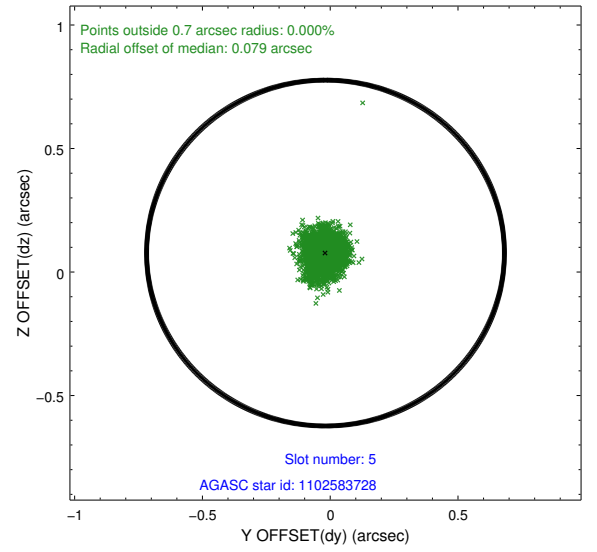
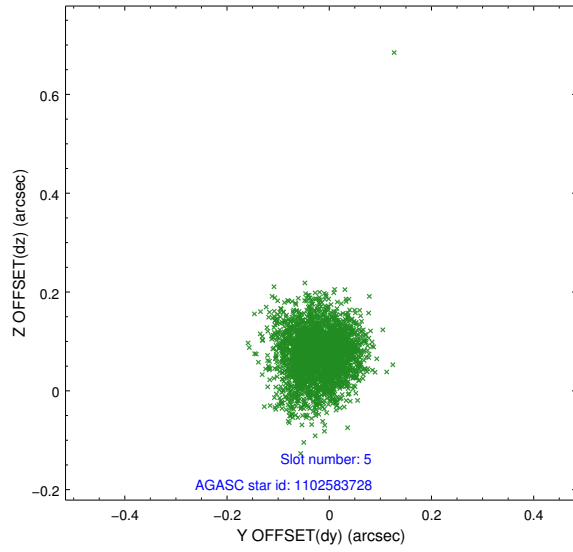
2.4.1 Slot 3



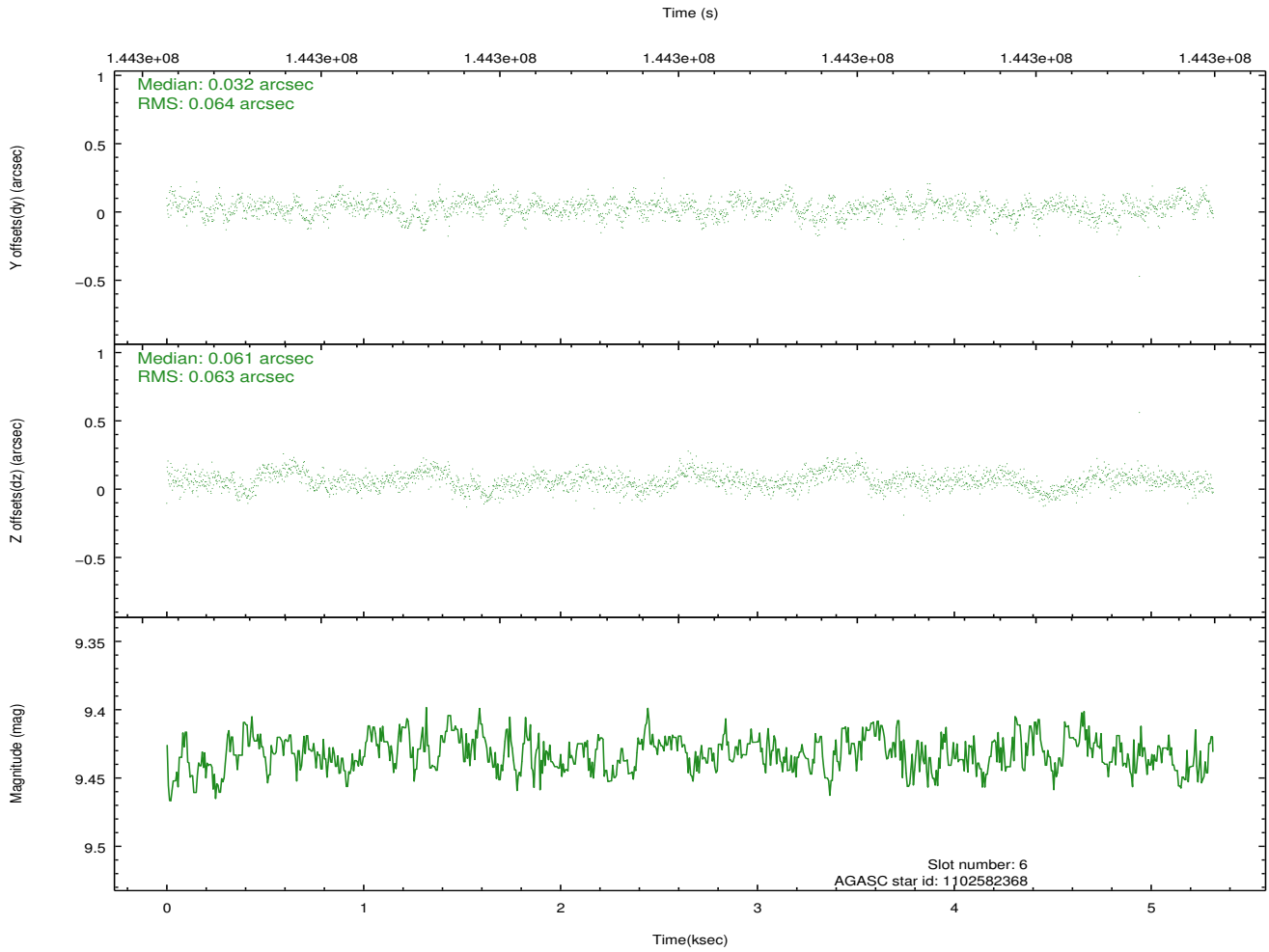
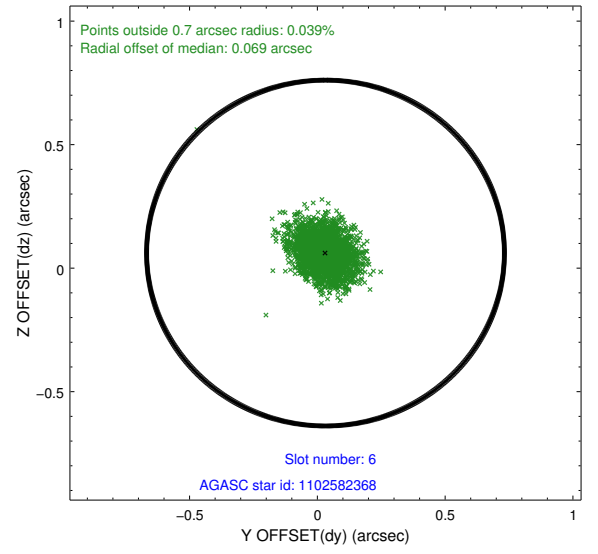
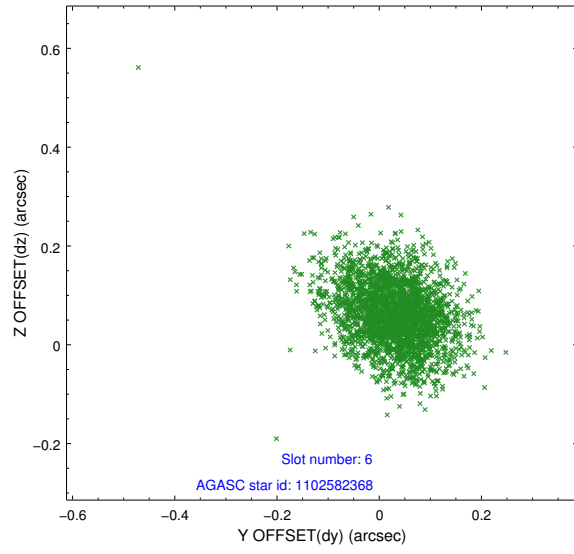
2.4.2 Slot 4



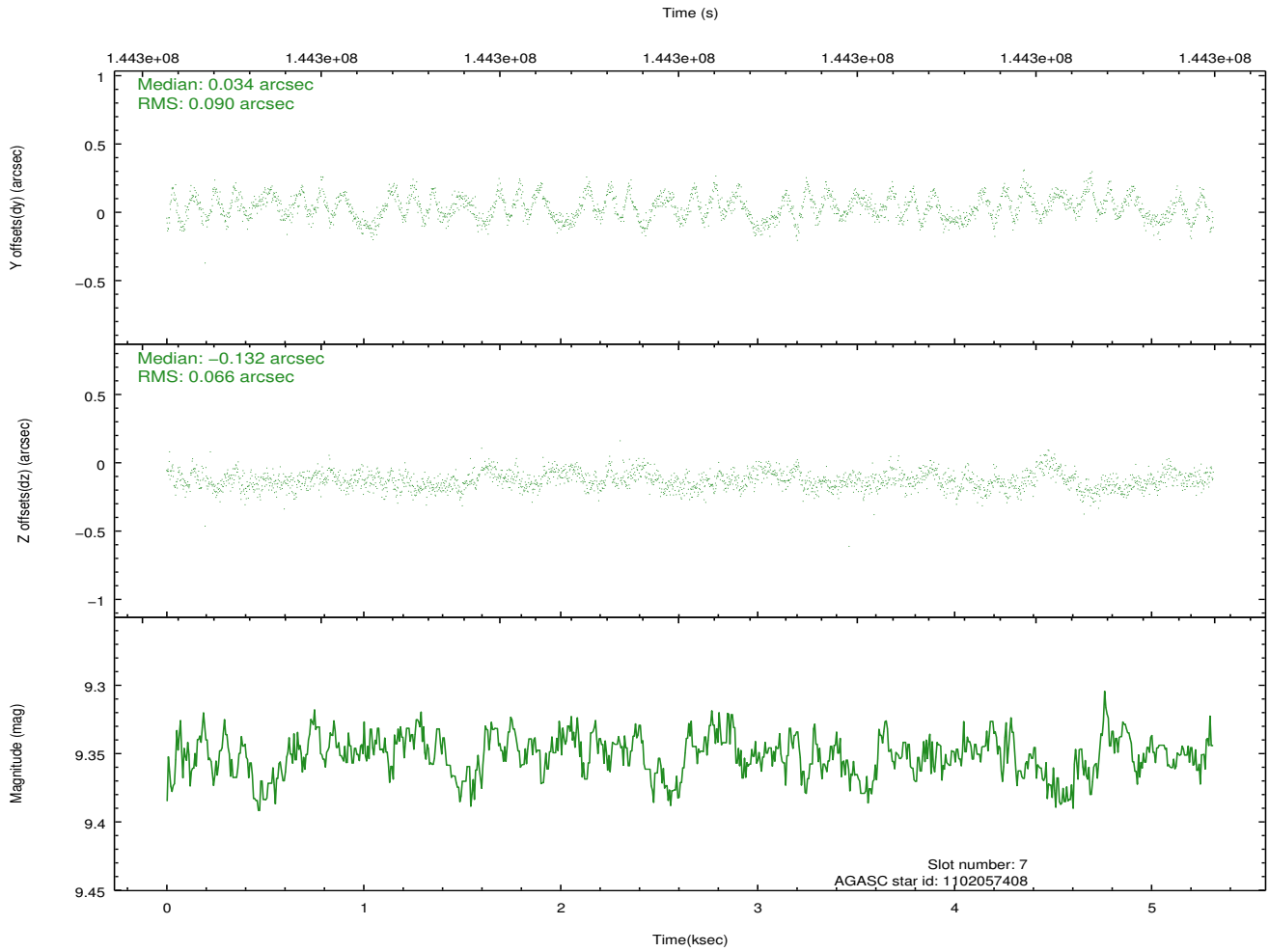
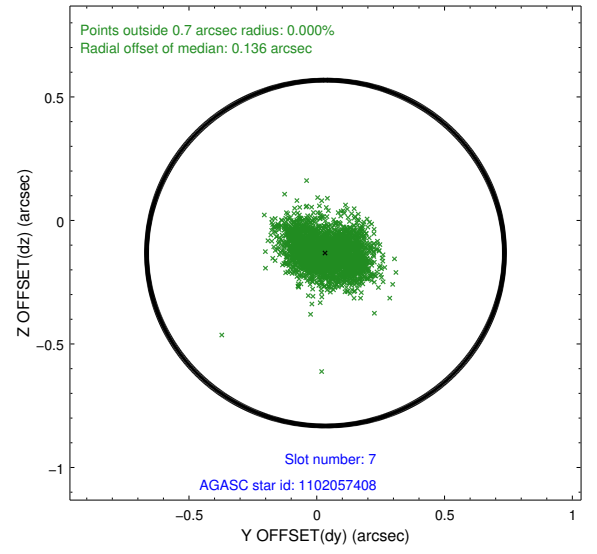
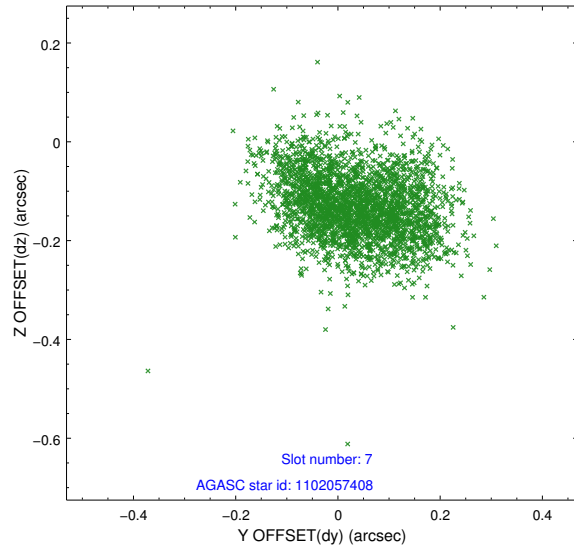
2.4.3 Slot 5



2.4.4 Slot 6

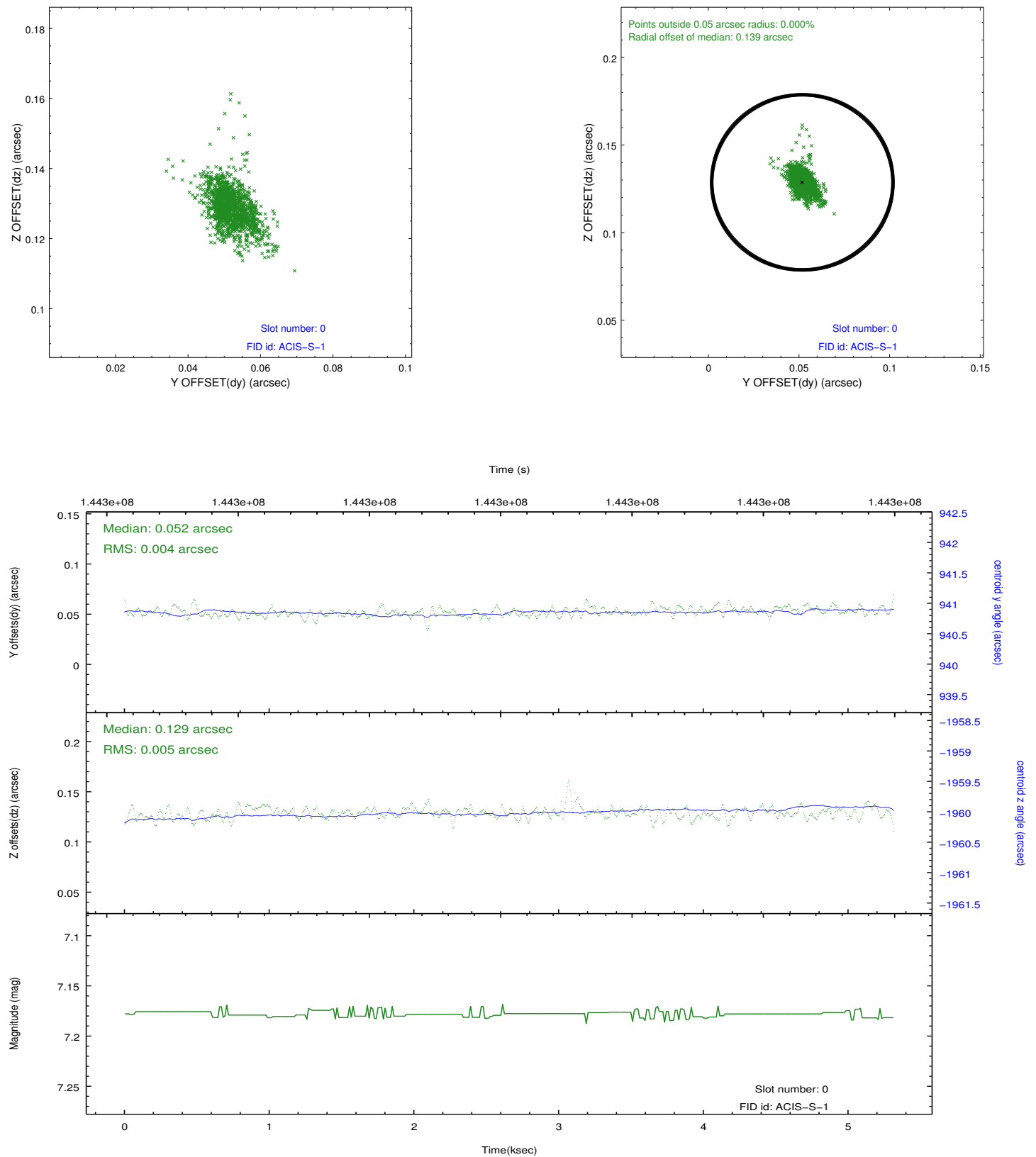


2.4.5 Slot 7

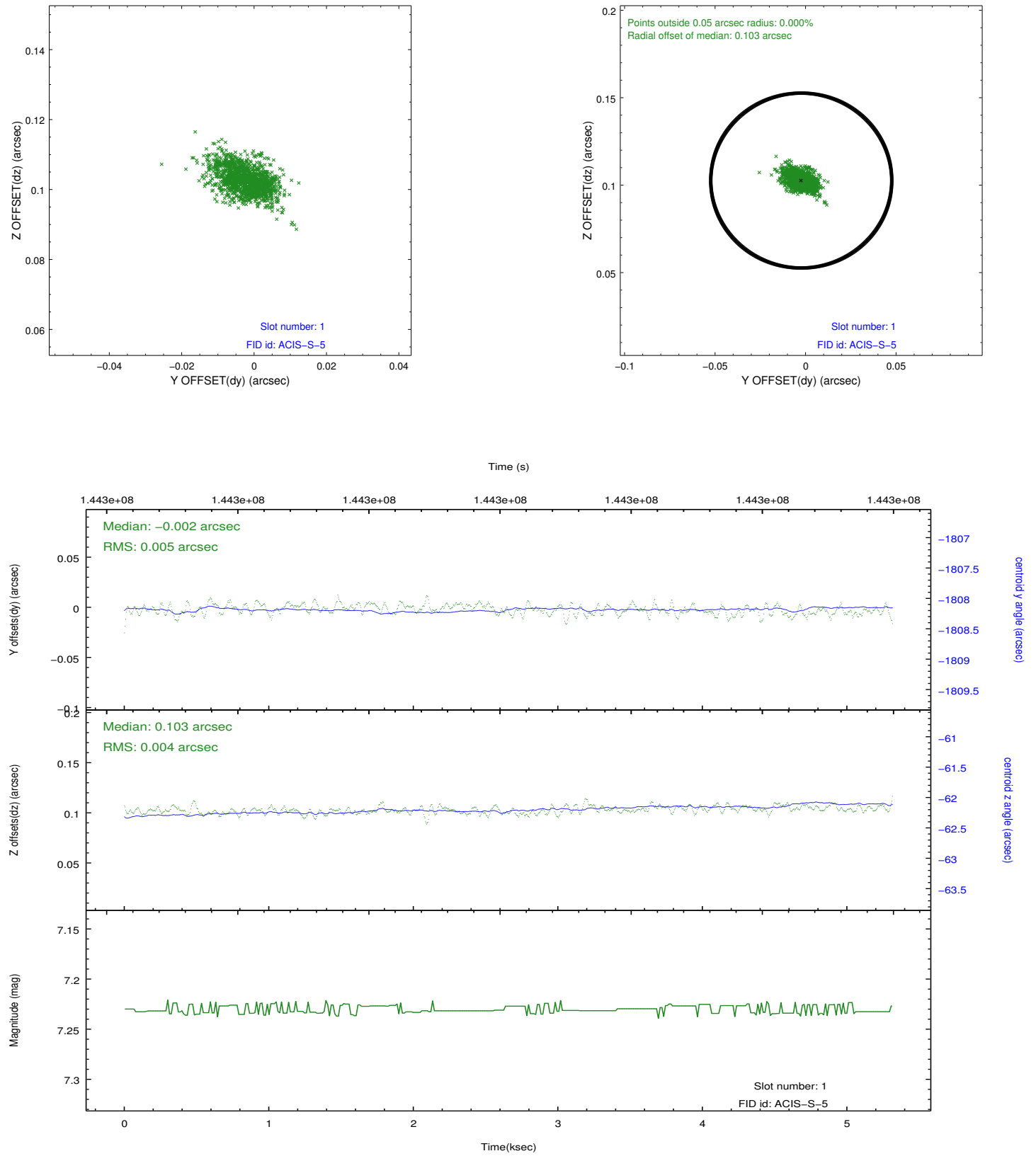


2.5 FID Slots

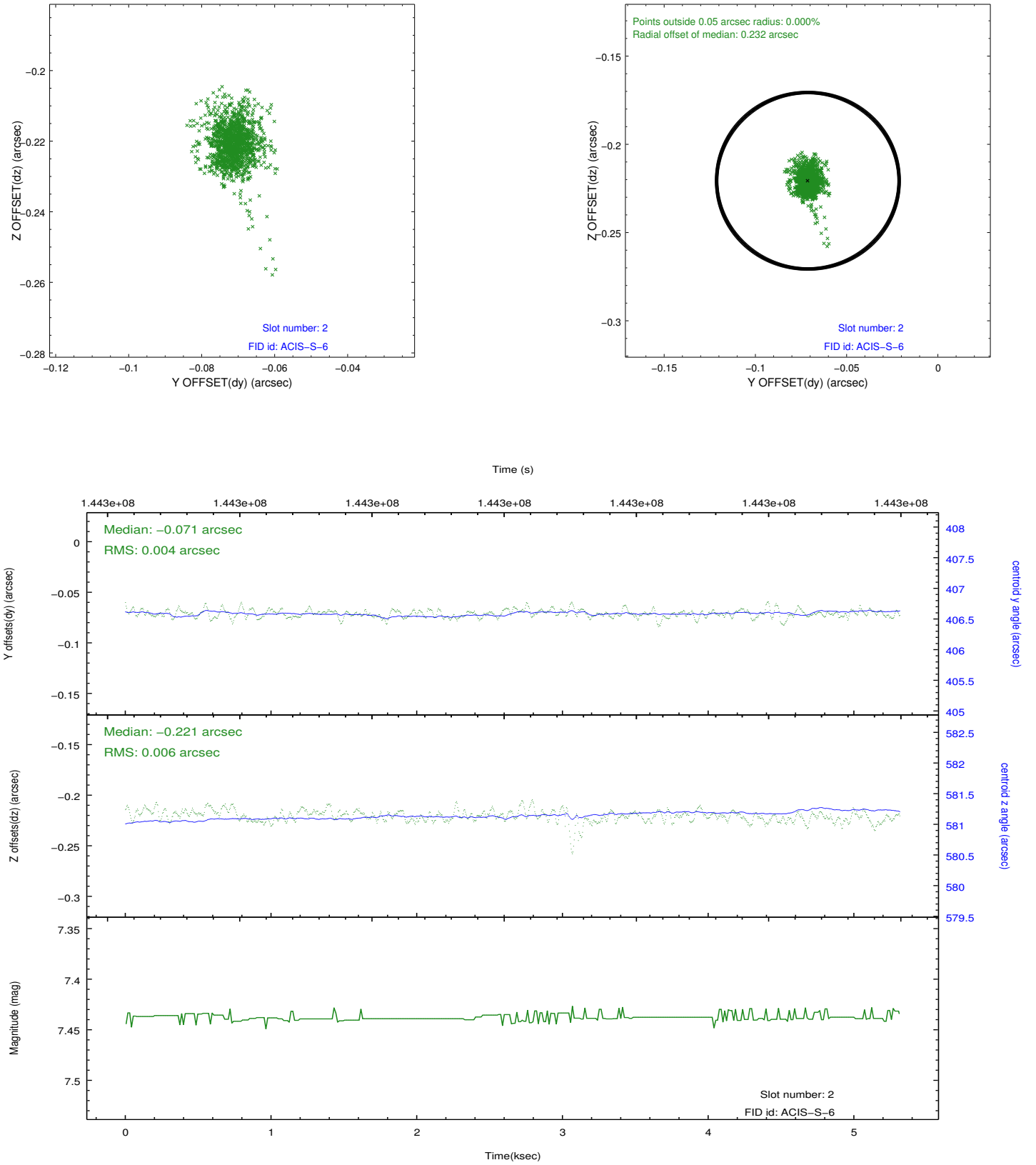
2.5.1 Slot 0



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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.313

A.2 Comments