

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10378 - L2 Version 2
Chandra X-Ray Center

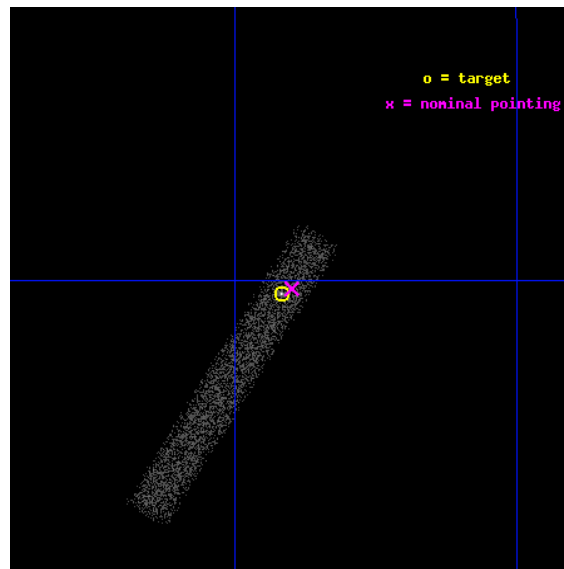
L2 Processing Date : Jun 3 2012

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1 Front

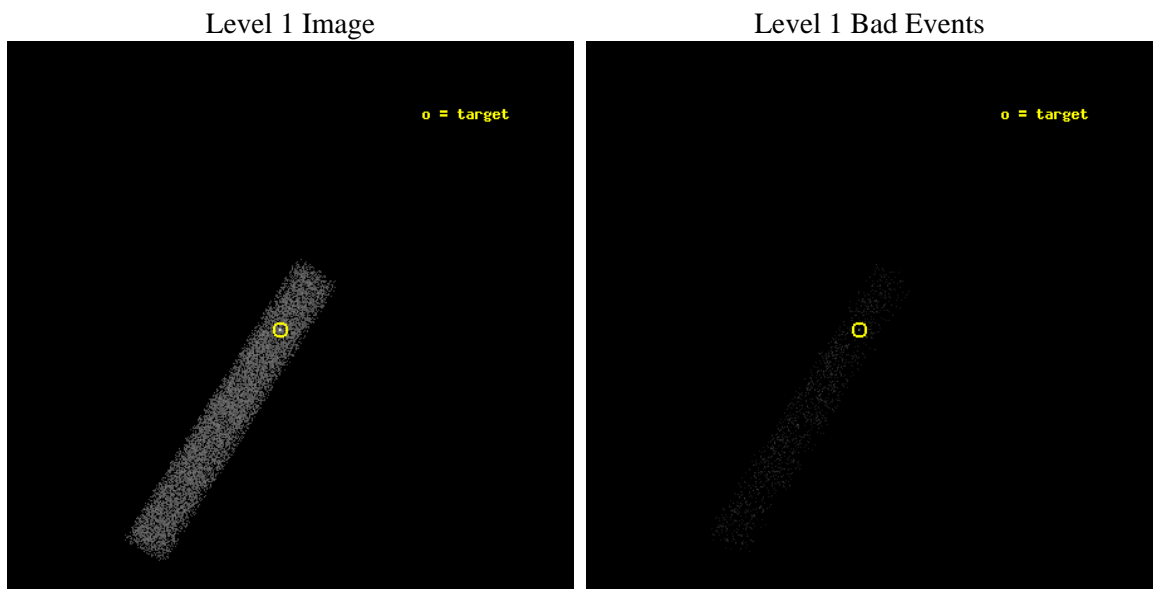
seq_num	701921	Sequence number
obs_id	10378	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1502+106	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.104083	Observer's specified target RA [deg]
dec_targ	10.494222	Observer's specified target Dec [deg]
ra_nom	226.09963398925	Nominal RA [deg]
dec_nom	10.496333905769	Nominal Dec [deg]
roll_nom	122.1363096368	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6183.9996314049	Sum of GTIs [s]
livetime	5608.5612474196	Livetime [s]
ontime7	6183.9996314049	Sum of GTIs [s]
l2events	6630	Number of level 2 events



2 OBI

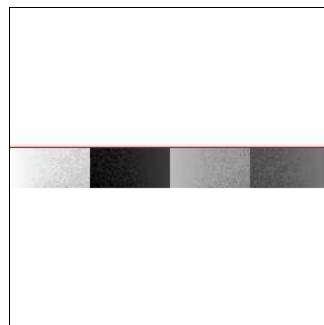
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6183.9996314049	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	6183.9996314049	Sum of GTIs [s]
date	2012-06-03T22:24:30	Date and time of file creation	l1events	13870	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

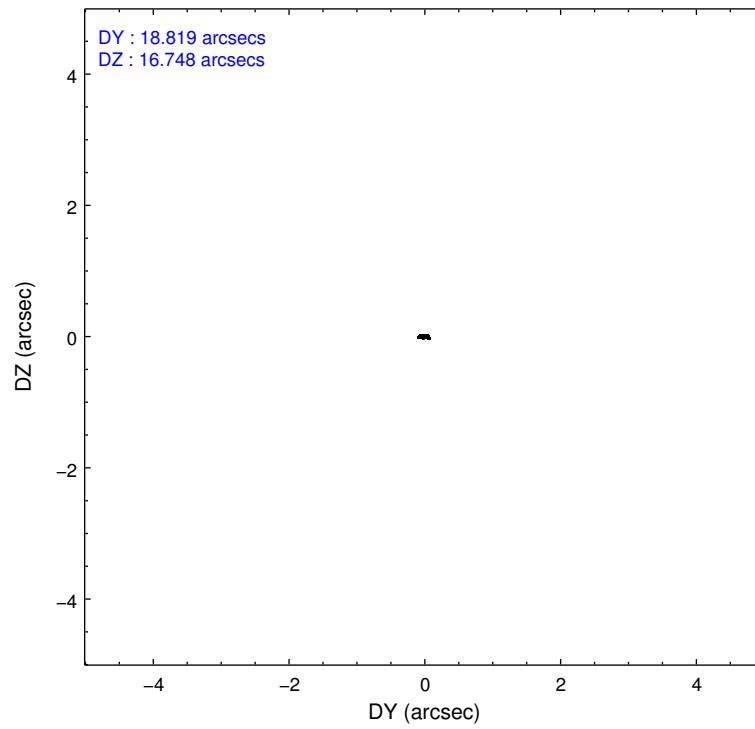
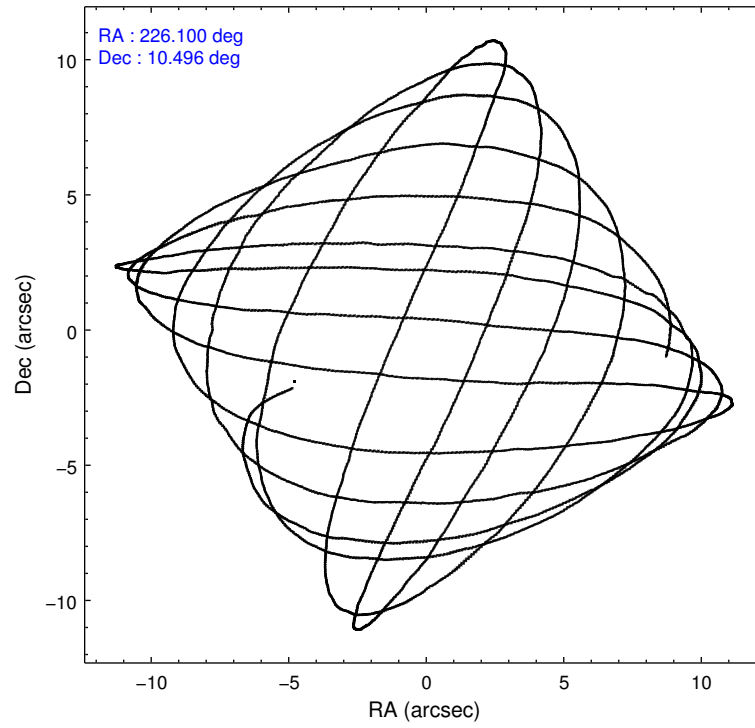
	ccd 7
level 1 events	13870
rejected events	7022
rejected %	50%

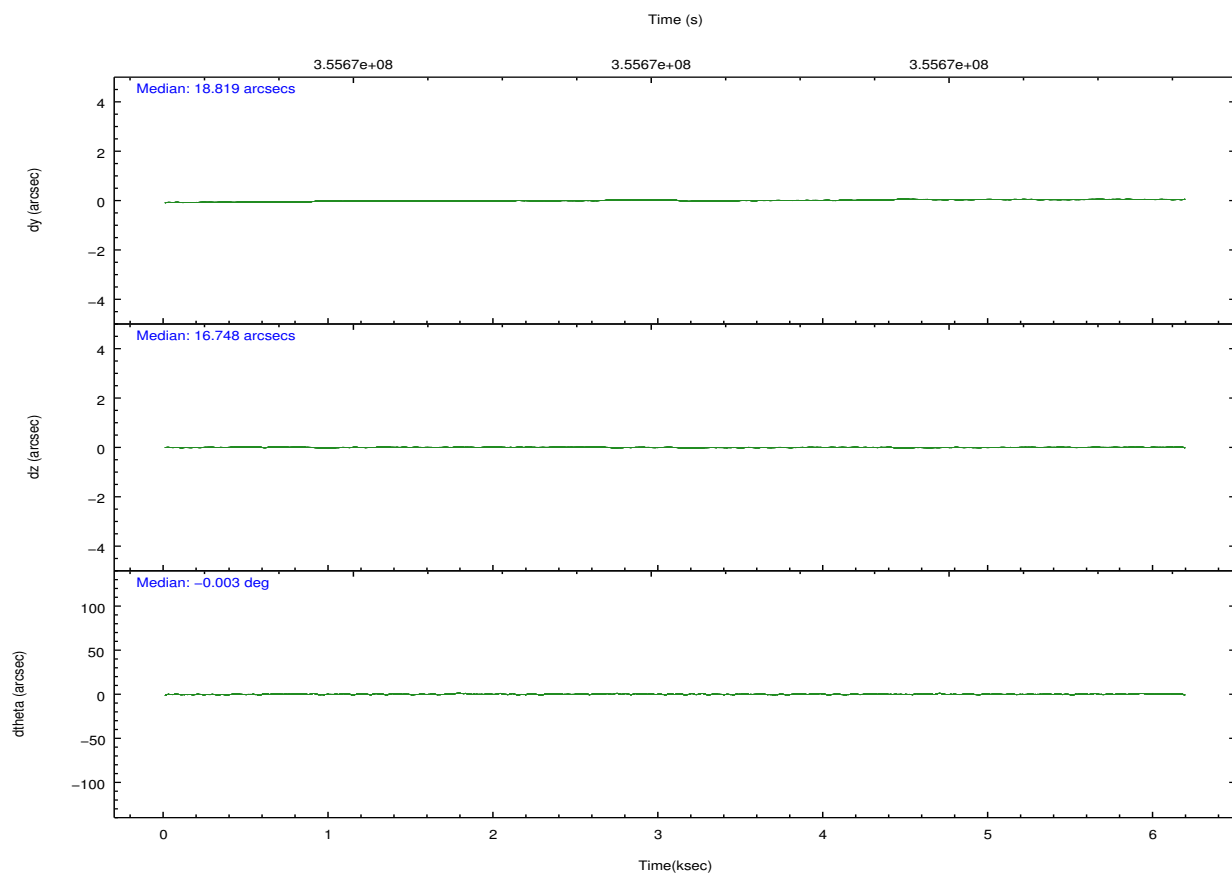
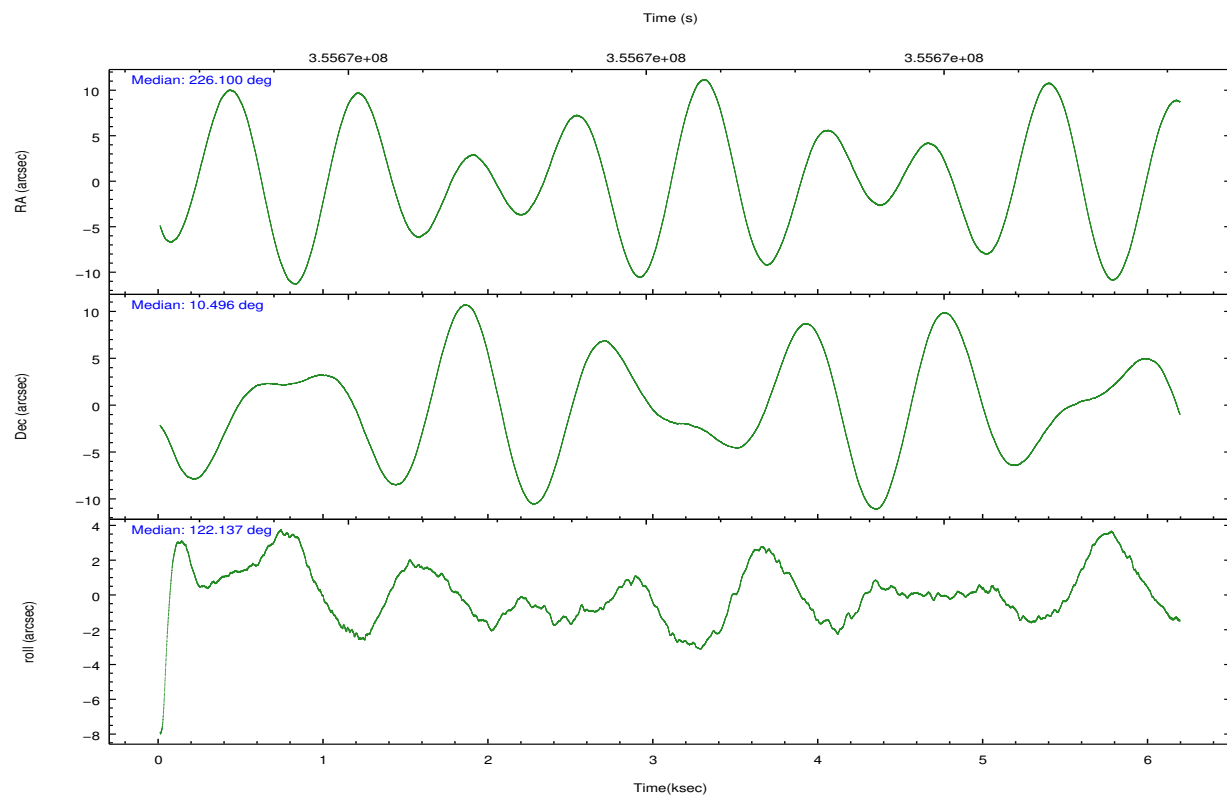
	ccd 7
grade 0 events	1018
	7%
grade 1 events	19
	0%
grade 2 events	1502
	10%
grade 3 events	889
	6%
grade 4 events	852
	6%
grade 5 events	1217
	8%
grade 6 events	2965
	21%
grade 7 events	5408
	38%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	226.124418	226.0996339892525	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	10.483909	10.49633390576859	Subarray start row	449	449
[deg] Pointing Roll	121.975181	122.1363096367959	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	355669252.184000	355668427.04497			
Observation start date	2009-04-09T12:59:46	2009-04-09T12:47:07			
[s] Observation end time (MET)	355675252.184000	355676529.15787			
Observation end date	2009-04-09T14:39:46	2009-04-09T15:02:09			
Read mode	TIMED	TIMED			

2.3 Aspect



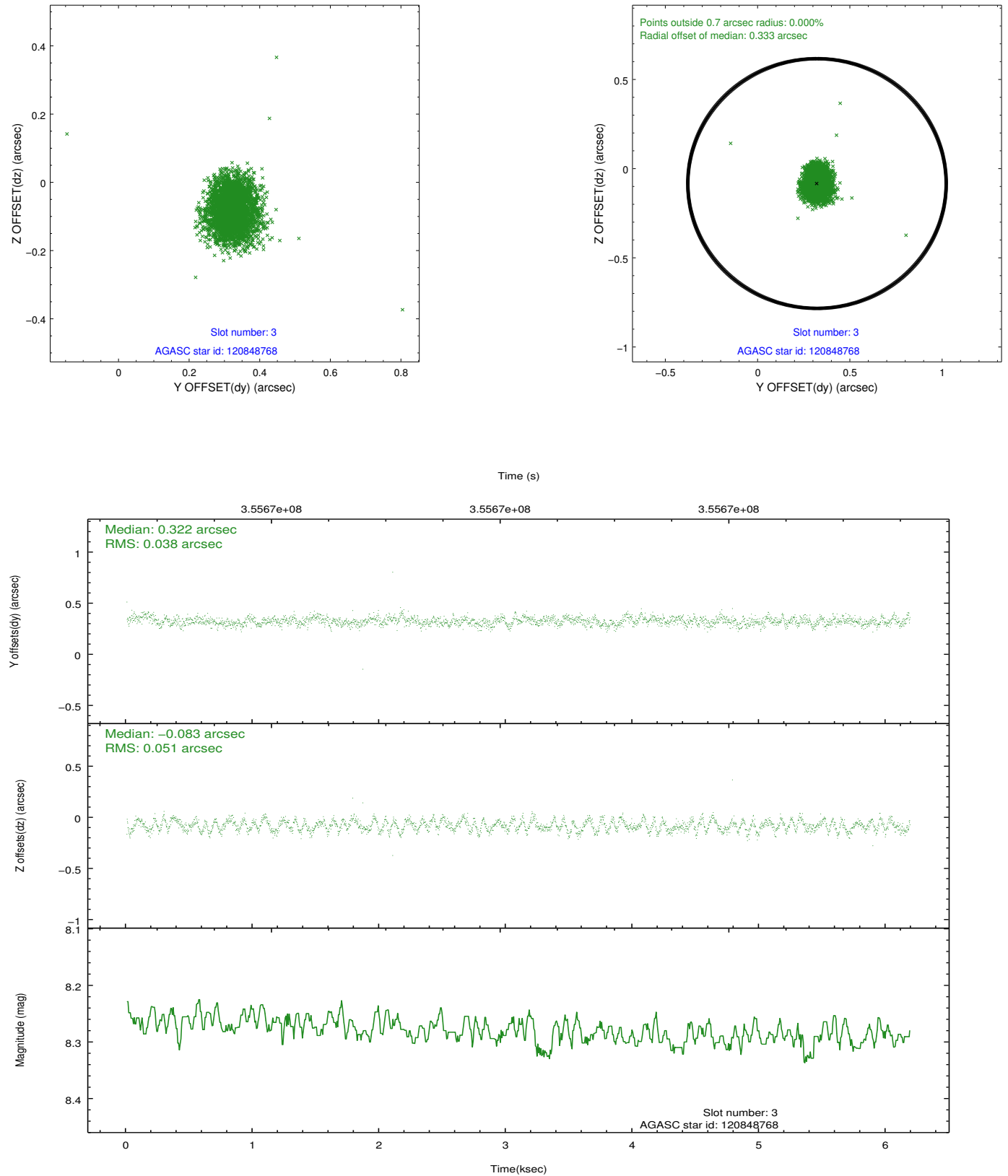


Slot Statistics

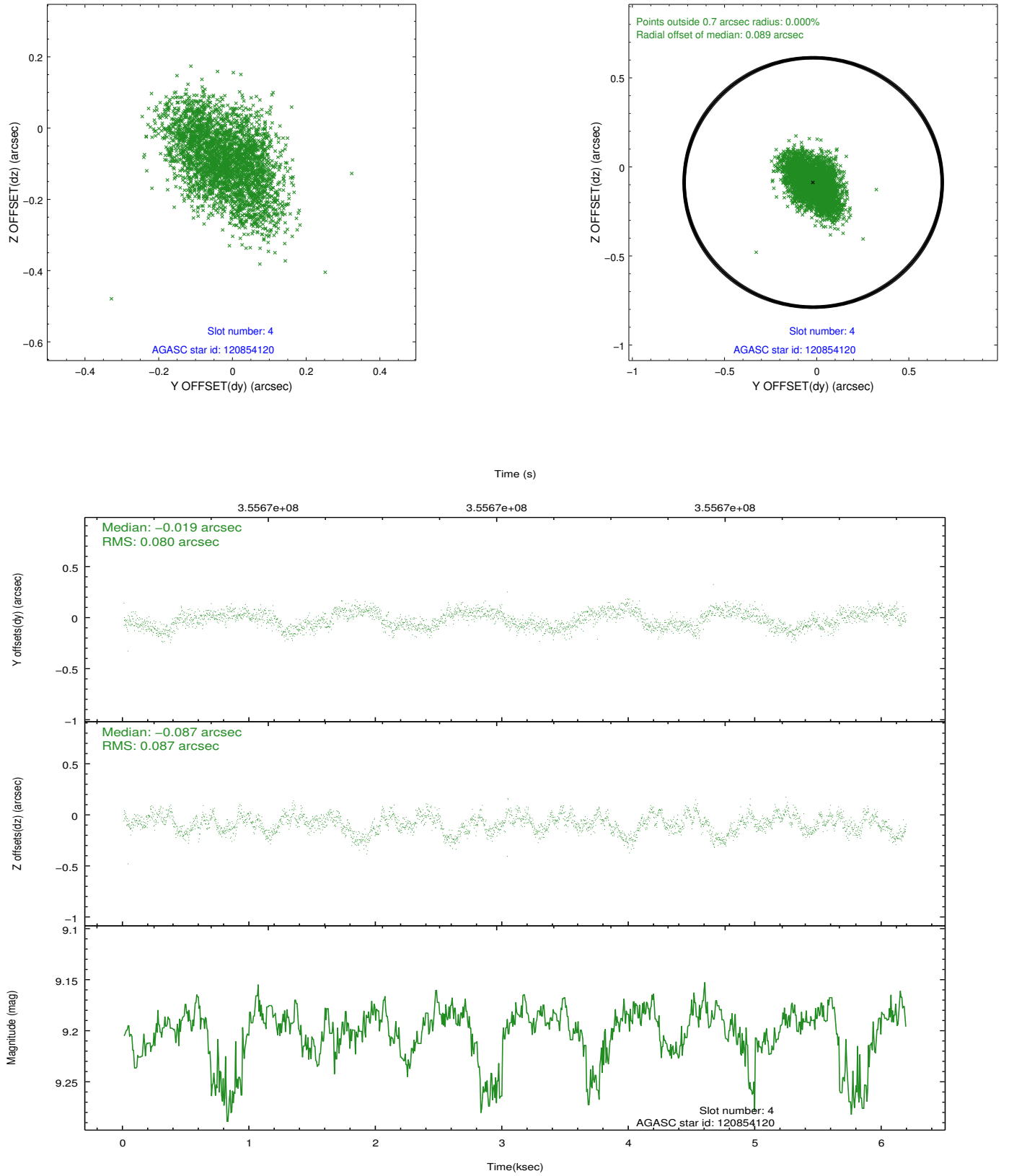
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	1509	-0.082	-0.034	0.007	0.011	0.000000	0.000000	-772.00	-1738.14
1	FID	ACIS-S-4	7.04	1509	0.242	0.049	0.006	0.010	0.000000	0.000000	2141.19	169.39
2	FID	ACIS-S-5	7.08	1509	-0.192	-0.006	0.007	0.011	0.000000	0.000000	-1823.71	164.15
3	GUIDE	120848768	8.28	3017	0.322	-0.083	0.067	0.105	226.805006	10.295985	-1847.80	-1688.11
4	GUIDE	120854120	9.20	3015	-0.019	-0.087	0.126	0.203	225.720768	10.667446	1317.52	860.55
5	GUIDE	120857304	7.34	3016	-0.015	0.096	0.060	0.094	226.016011	10.735132	971.08	-153.17
6	GUIDE	120857992	8.80	3018	-0.122	-0.126	0.088	0.150	225.633634	10.396915	656.38	1639.13
7	GUIDE	120849376	8.03	3017	-0.159	0.201	0.076	0.114	227.020075	10.335598	-2128.74	-2409.71

2.4 Star Slots

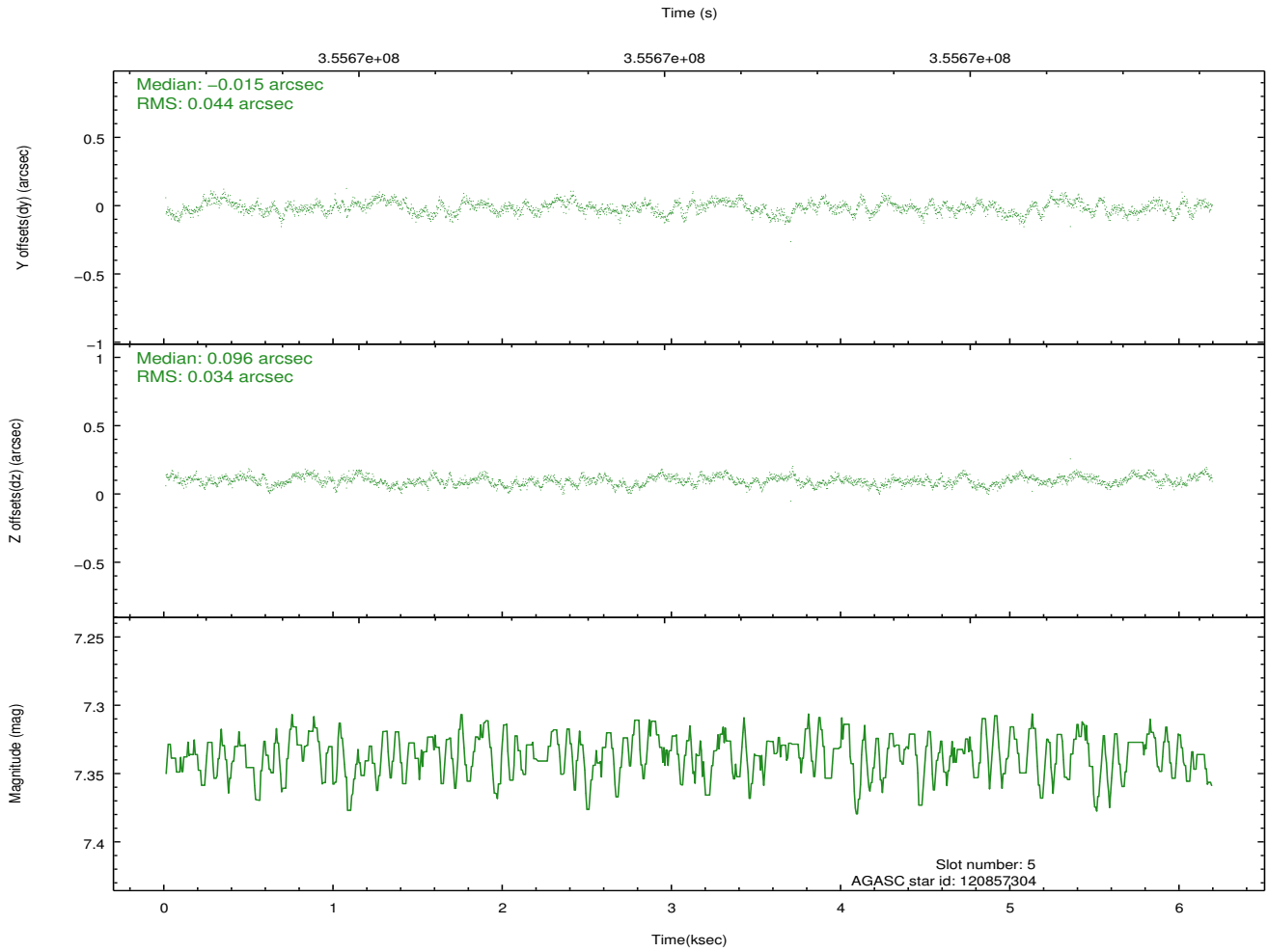
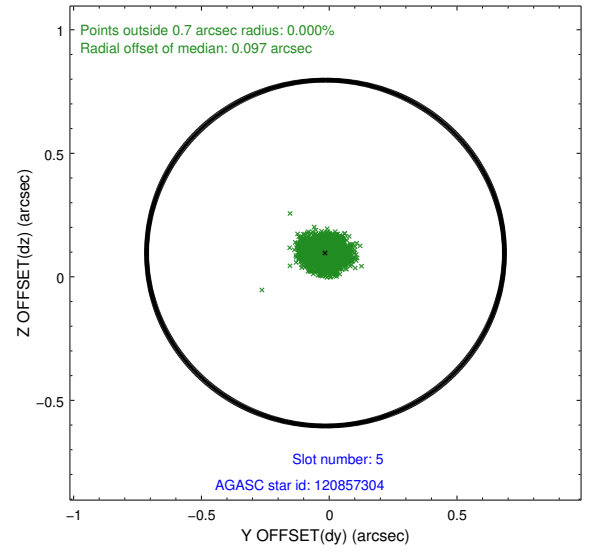
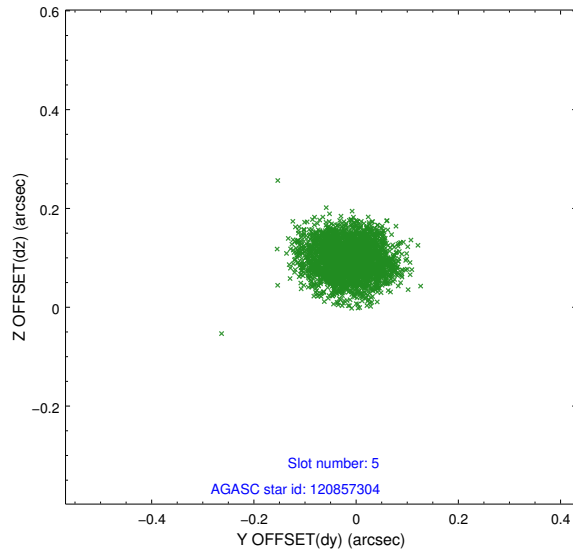
2.4.1 Slot 3



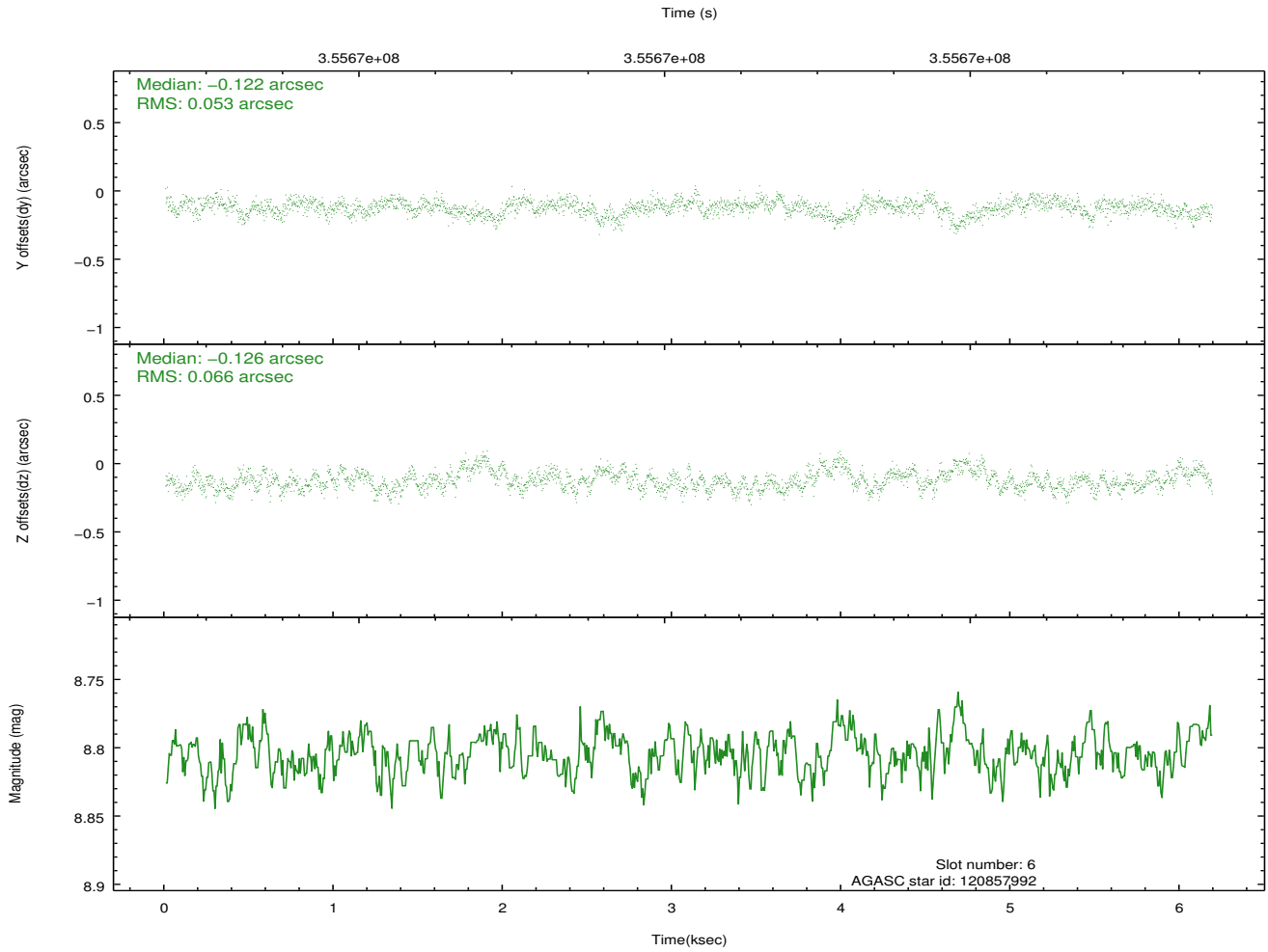
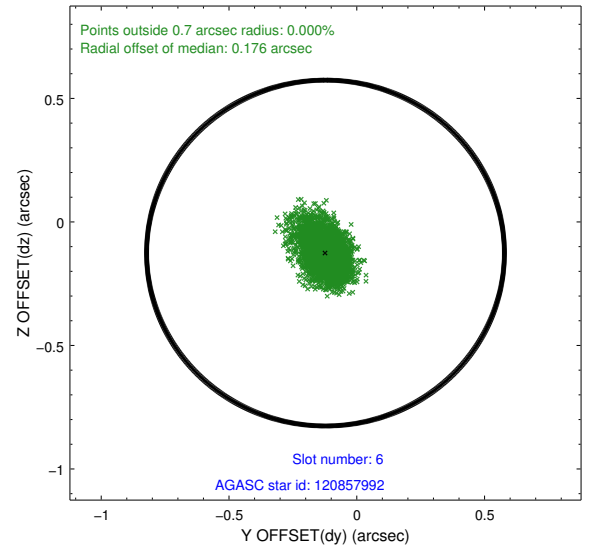
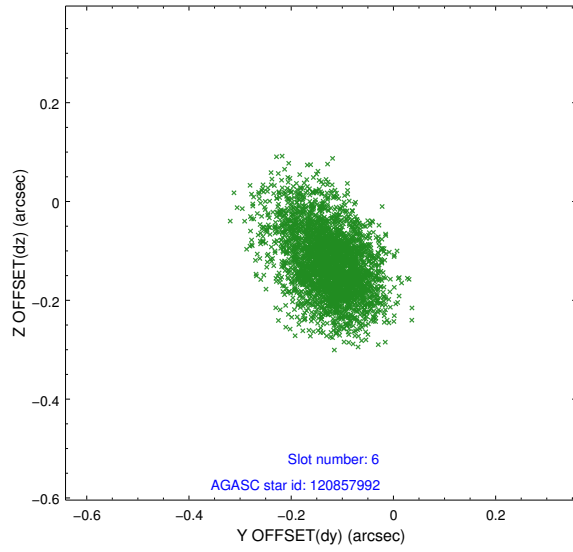
2.4.2 Slot 4



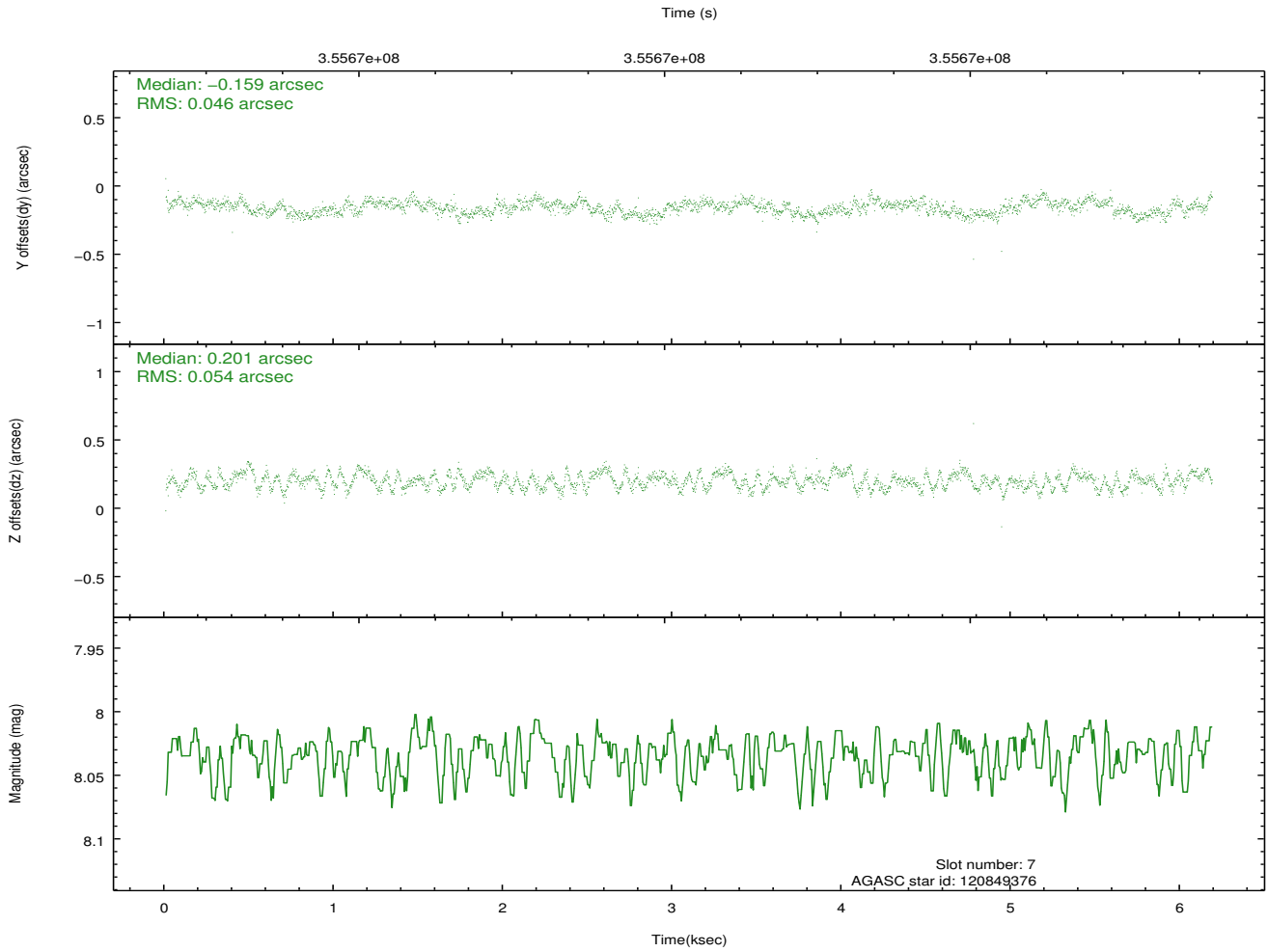
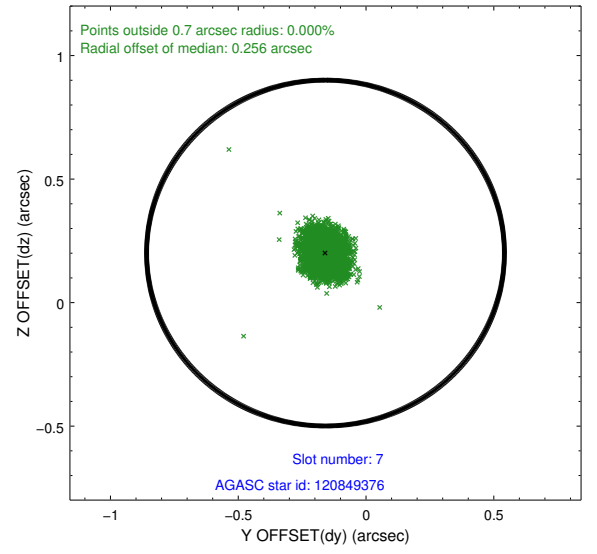
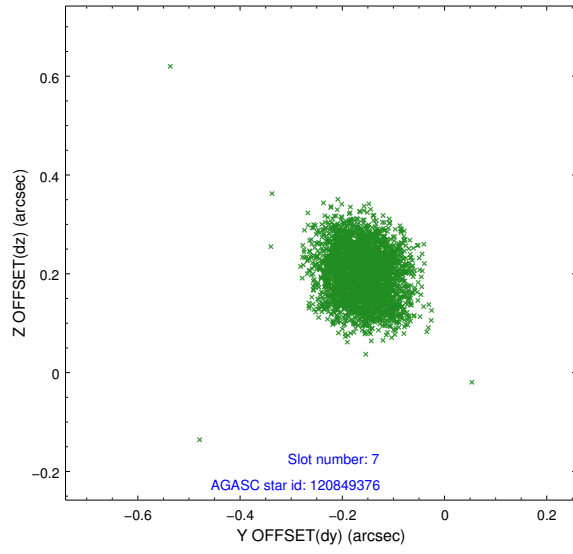
2.4.3 Slot 5



2.4.4 Slot 6

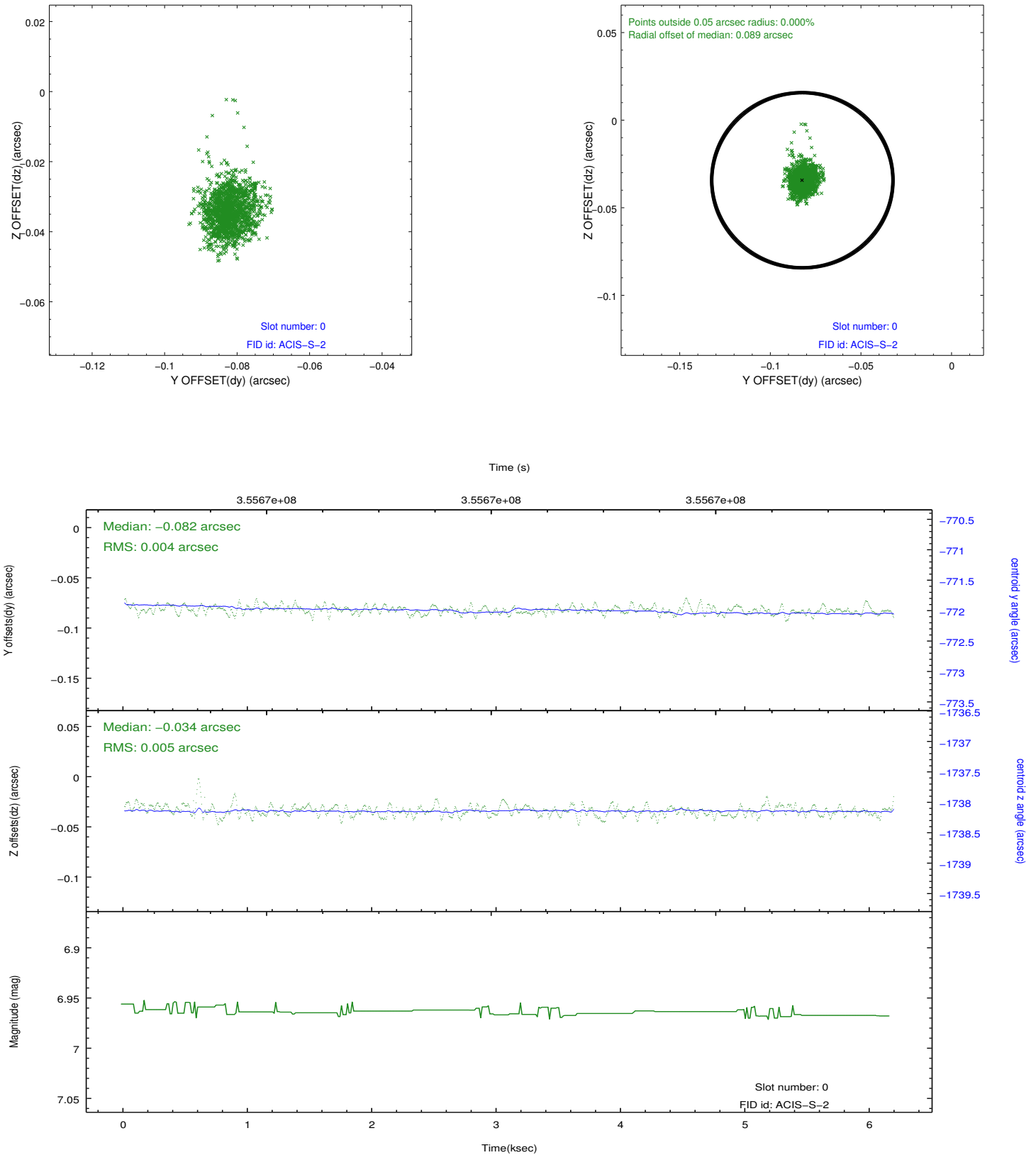


2.4.5 Slot 7

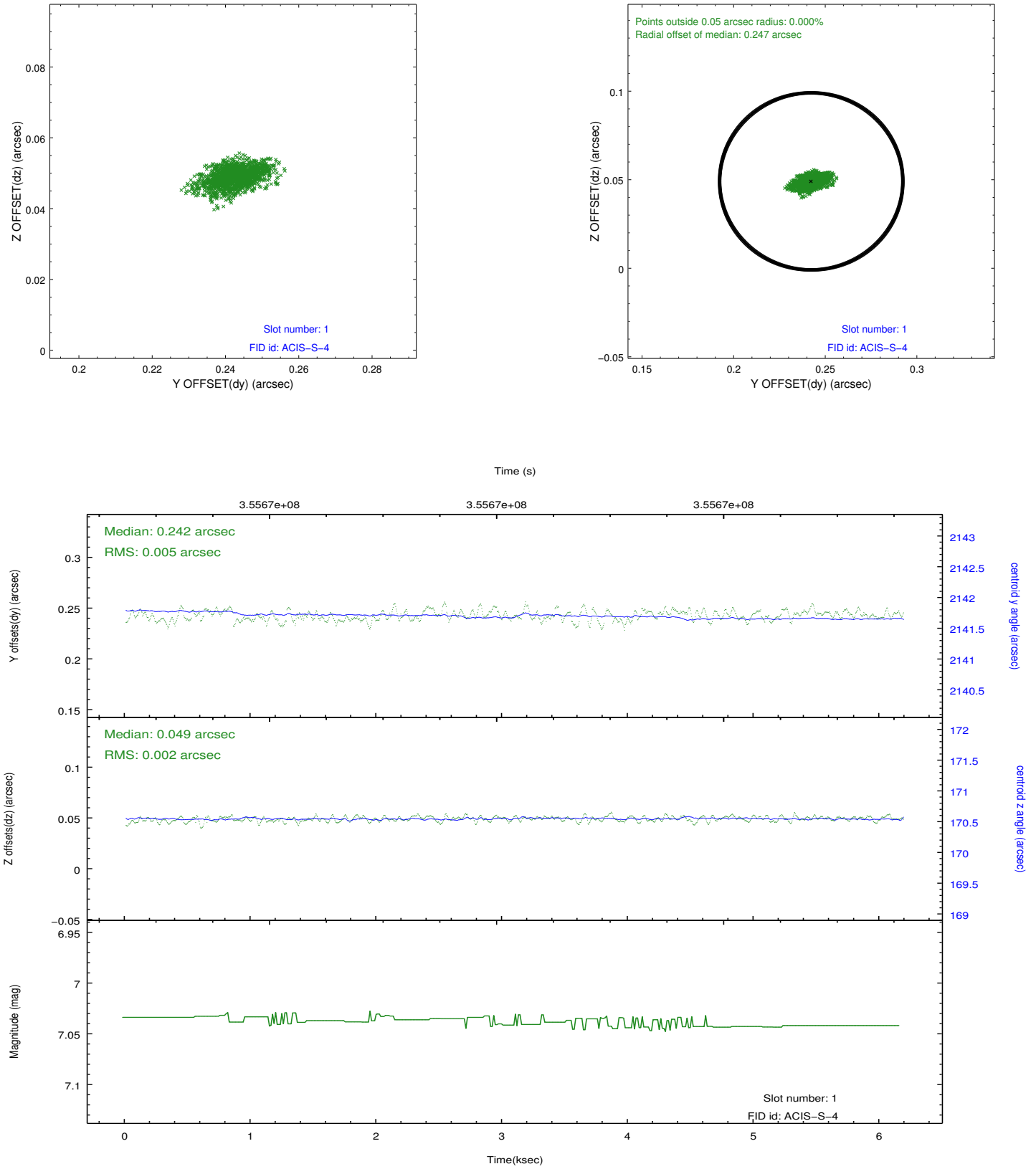


2.5 FID Slots

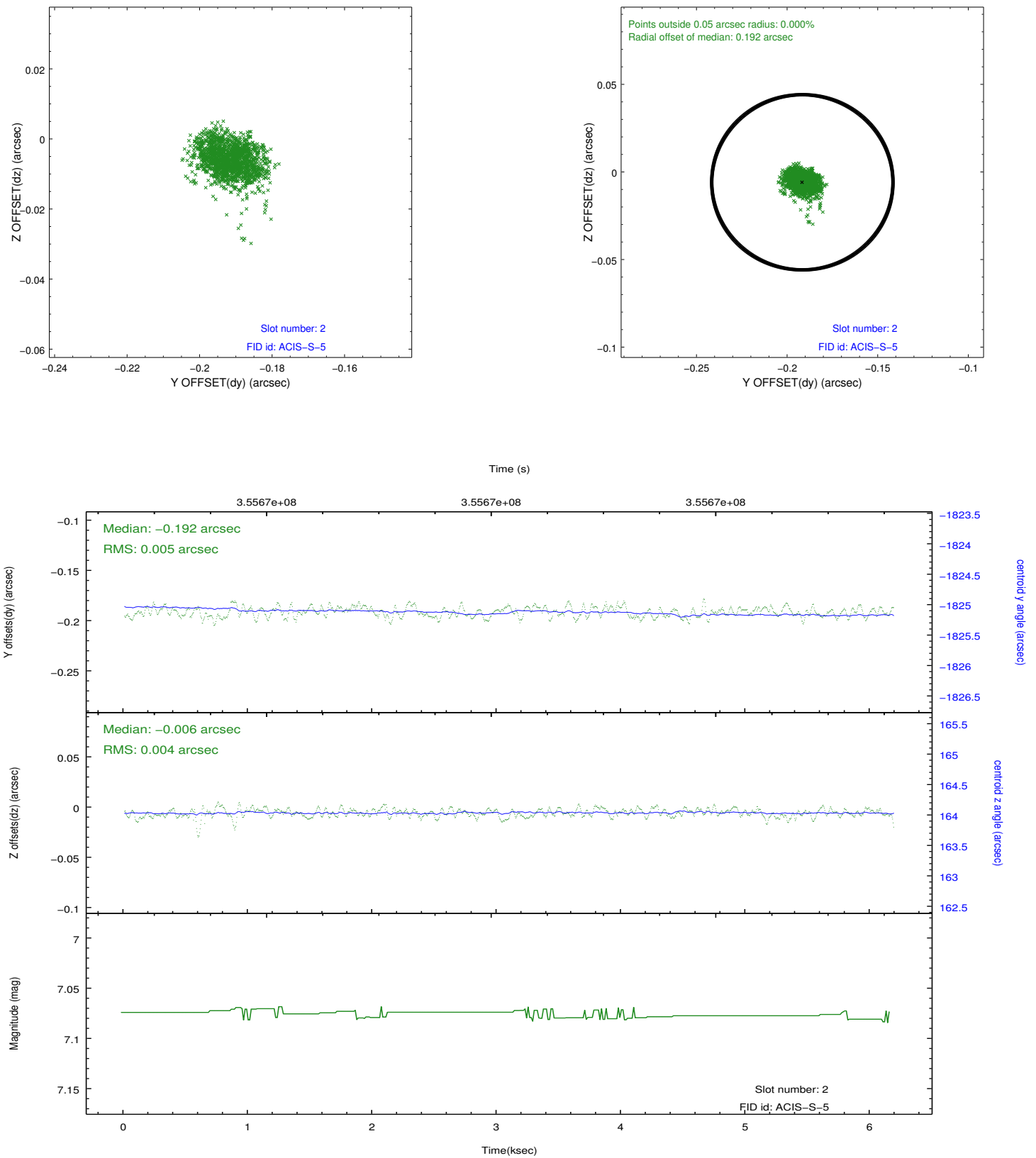
2.5.1 Slot 0



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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.18399963

A.2 Comments

Joint proposal with HST.