

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10084 - L2 Version 2
Chandra X-Ray Center

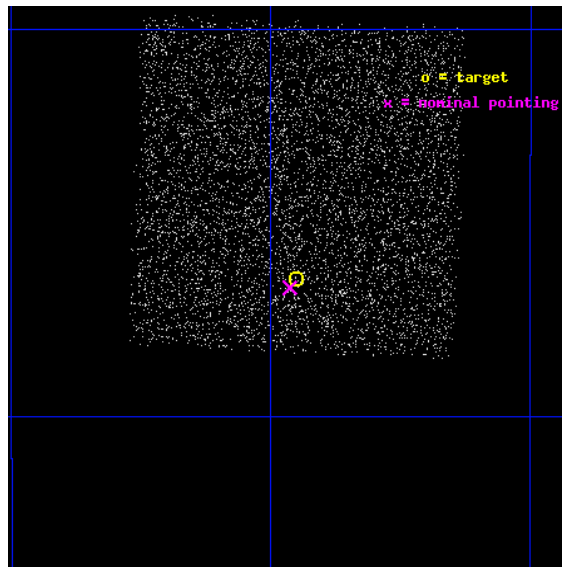
L2 Processing Date : Jun 10 2012

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1 Front

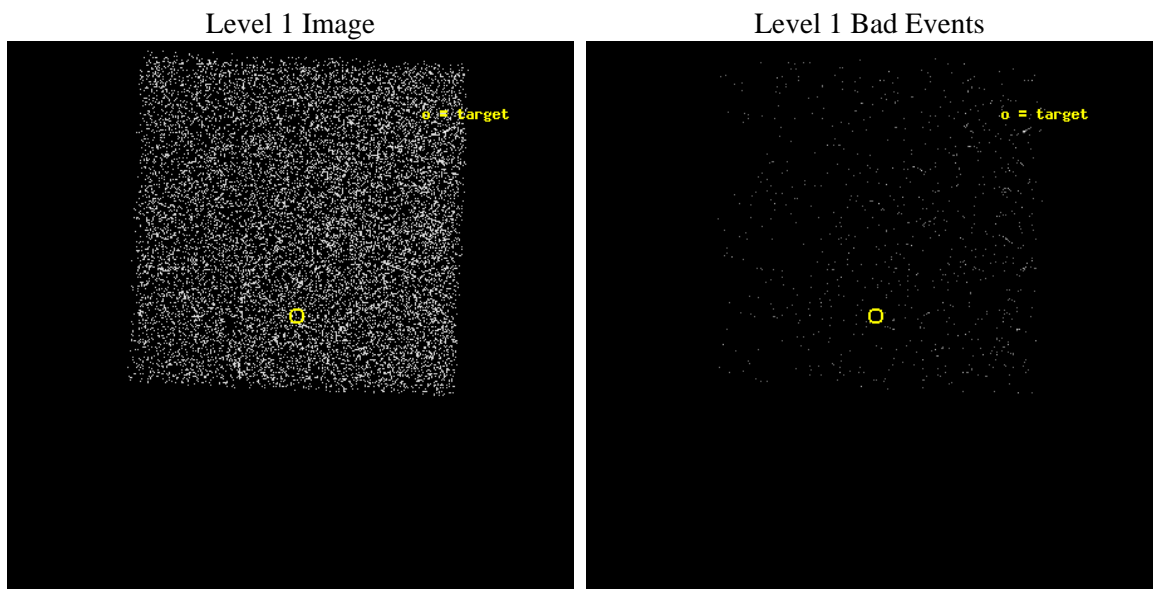
seq_num	401047	Sequence number
obs_id	10084	Observation id
title	Precise Localization of Neutron Star Soft X-Ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	SWIFT J1756.9-2508	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	269.237917	Observer's specified target RA [deg]
dec_targ	-25.107417	Observer's specified target Dec [deg]
ra_nom	269.24092719876	Nominal RA [deg]
dec_nom	-25.111179973397	Nominal Dec [deg]
roll_nom	272.30824110251	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1077.0	Sum of GTIs [s]
livetime	1062.4654723384	Livetime [s]
ontime7	1077.0	Sum of GTIs [s]
l2events	6398	Number of level 2 events



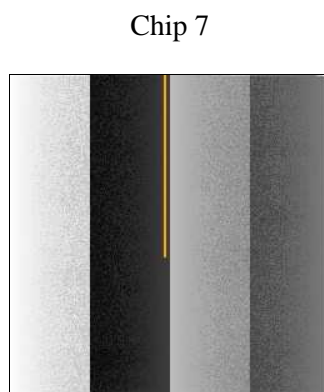
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1077.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	1077.0	Sum of GTIs [s]
date	2012-06-11T00:08:52	Date and time of file creation	l1events	15908	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

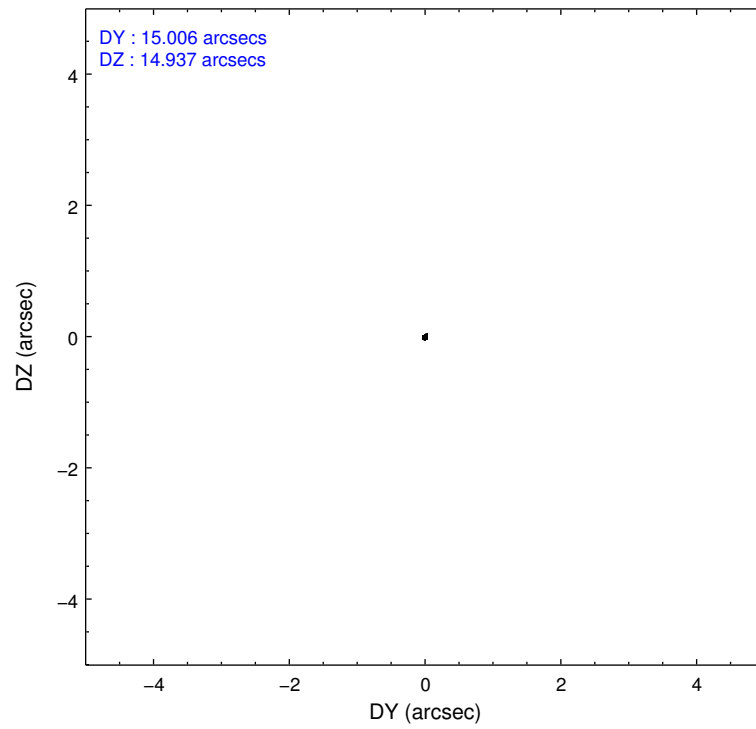
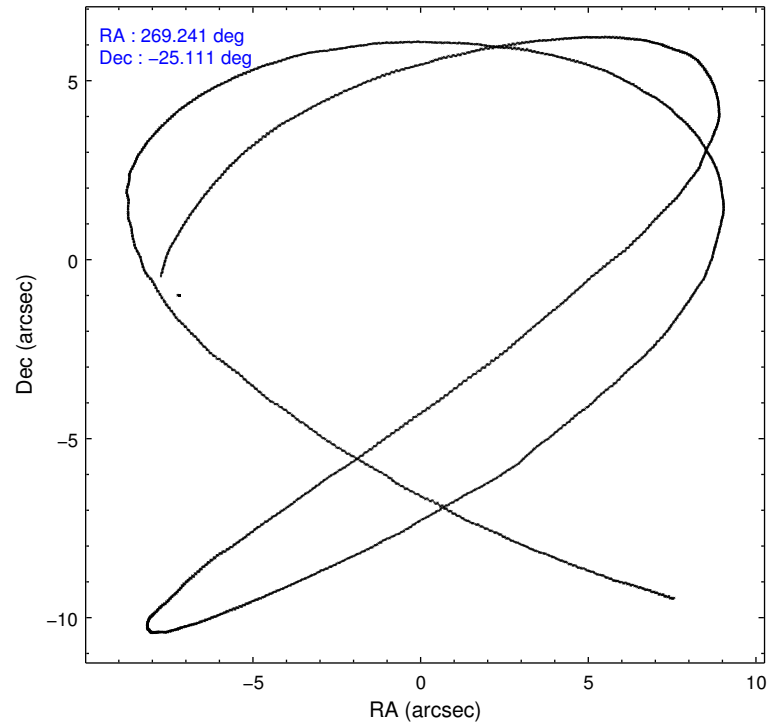
	ccd 7
level 1 events	15908
rejected events	9348
rejected %	58%

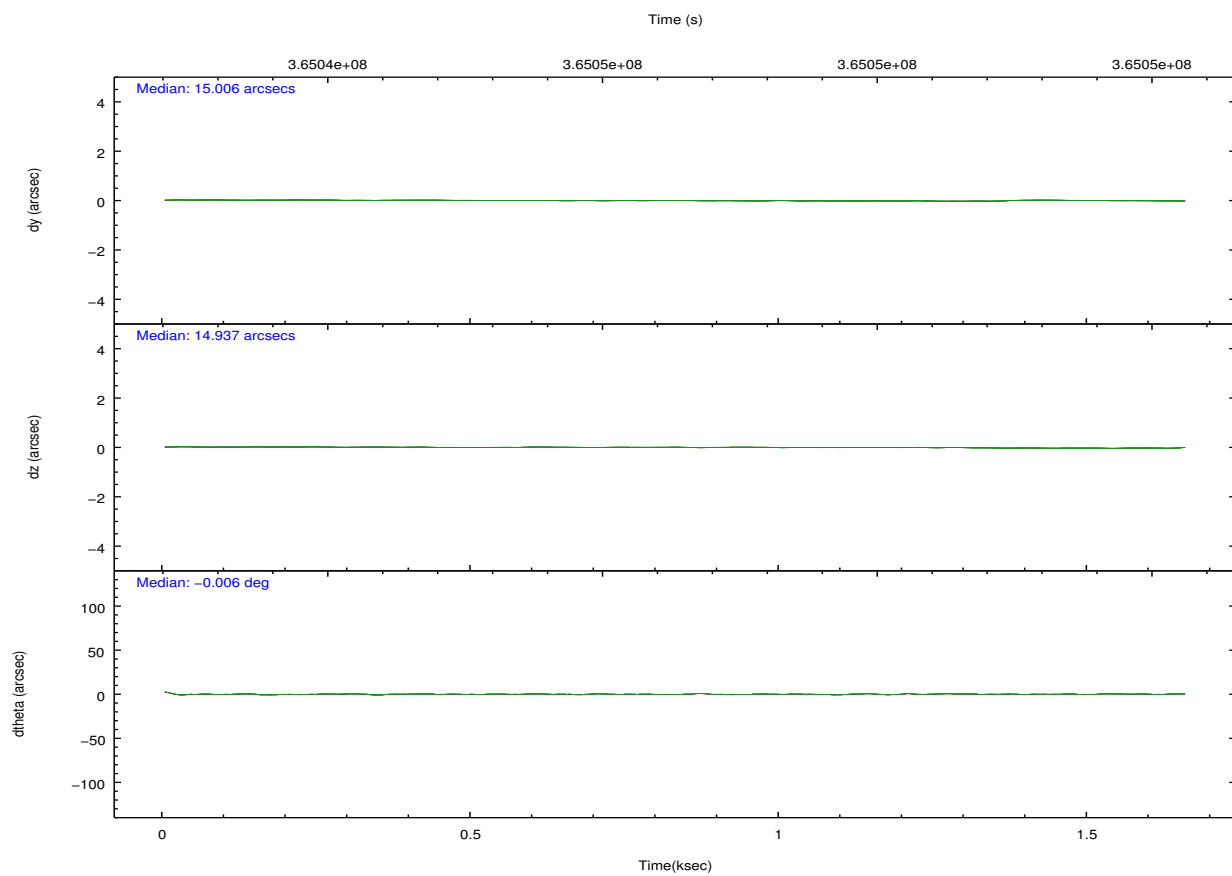
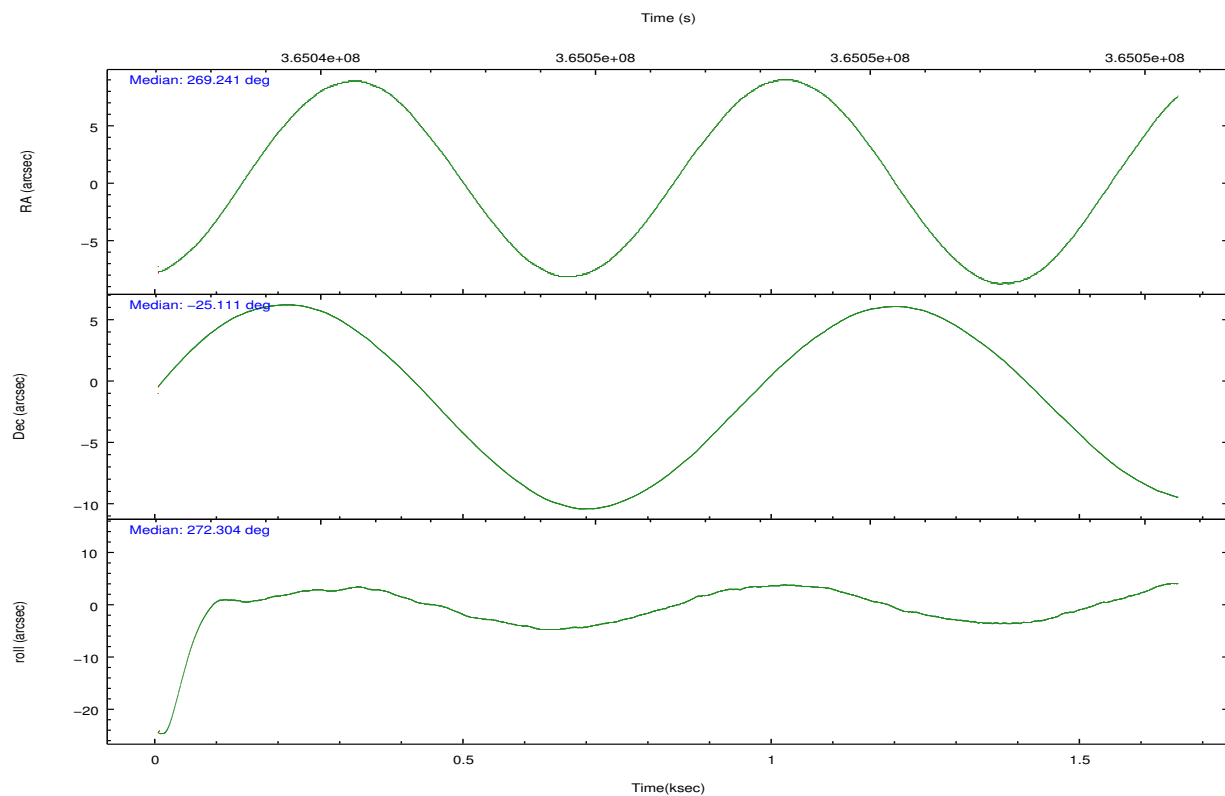
	ccd 7
grade 0 events	549
	3%
grade 1 events	16
	0%
grade 2 events	1337
	8%
grade 3 events	530
	3%
grade 4 events	577
	3%
grade 5 events	1475
	9%
grade 6 events	3621
	22%
grade 7 events	7803
	49%

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	269.224423	269.2409271987644	Subarray requested	NONE	NONE
[deg] Pointing Dec	-25.088530	-25.11117997339715	Alternating exposures requested	N	N
[deg] Pointing Roll	272.144787	272.3082411025122	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	365045460.184000	365044548.3878			
Observation start date	2009-07-27T01:29:54	2009-07-27T01:15:48			
[s] Observation end time (MET)	365046460.184000	365047416.33795			
Observation end date	2009-07-27T01:46:34	2009-07-27T02:03:36			
Read mode	TIMED	TIMED			

2.3 Aspect



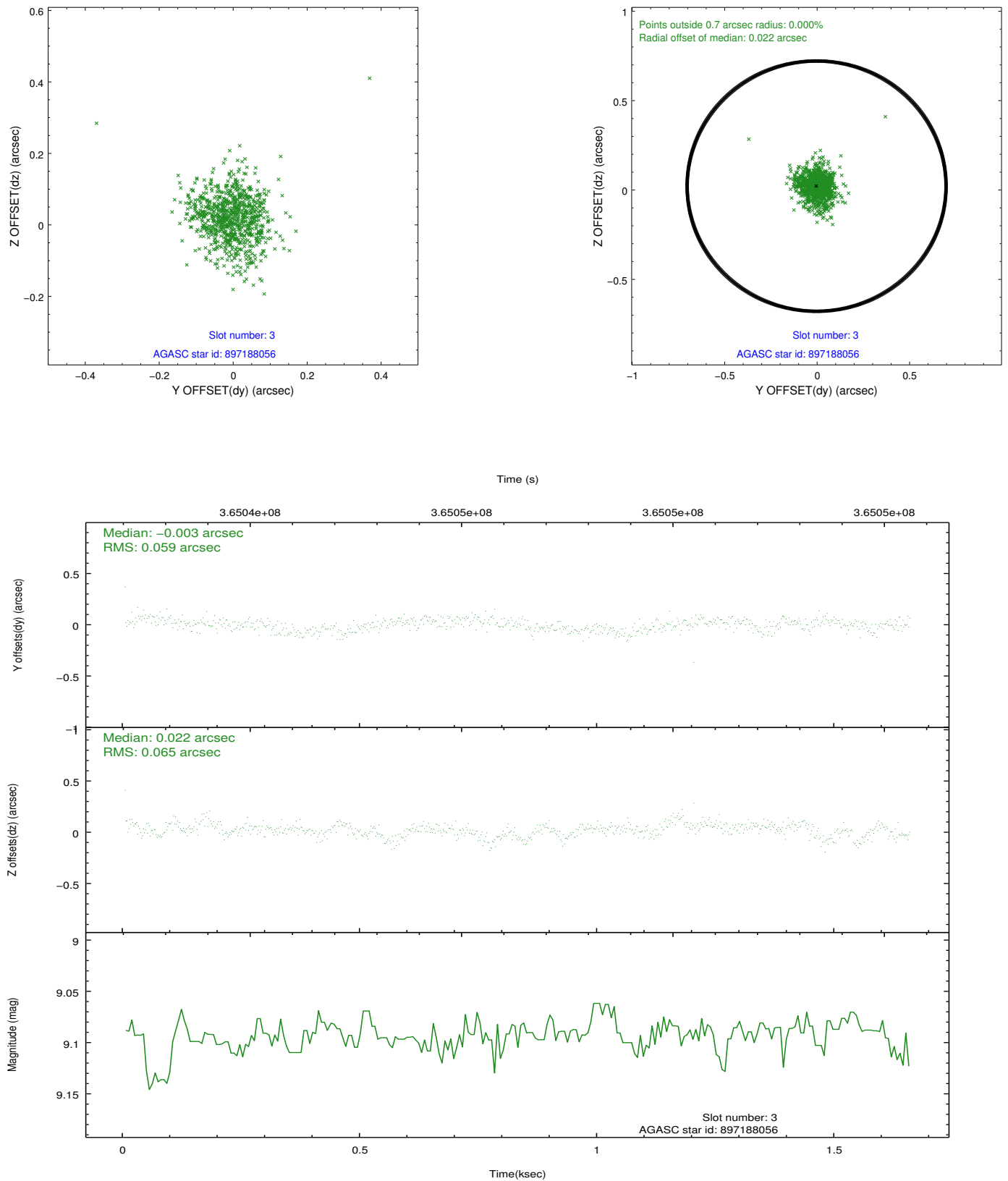


Slot Statistics

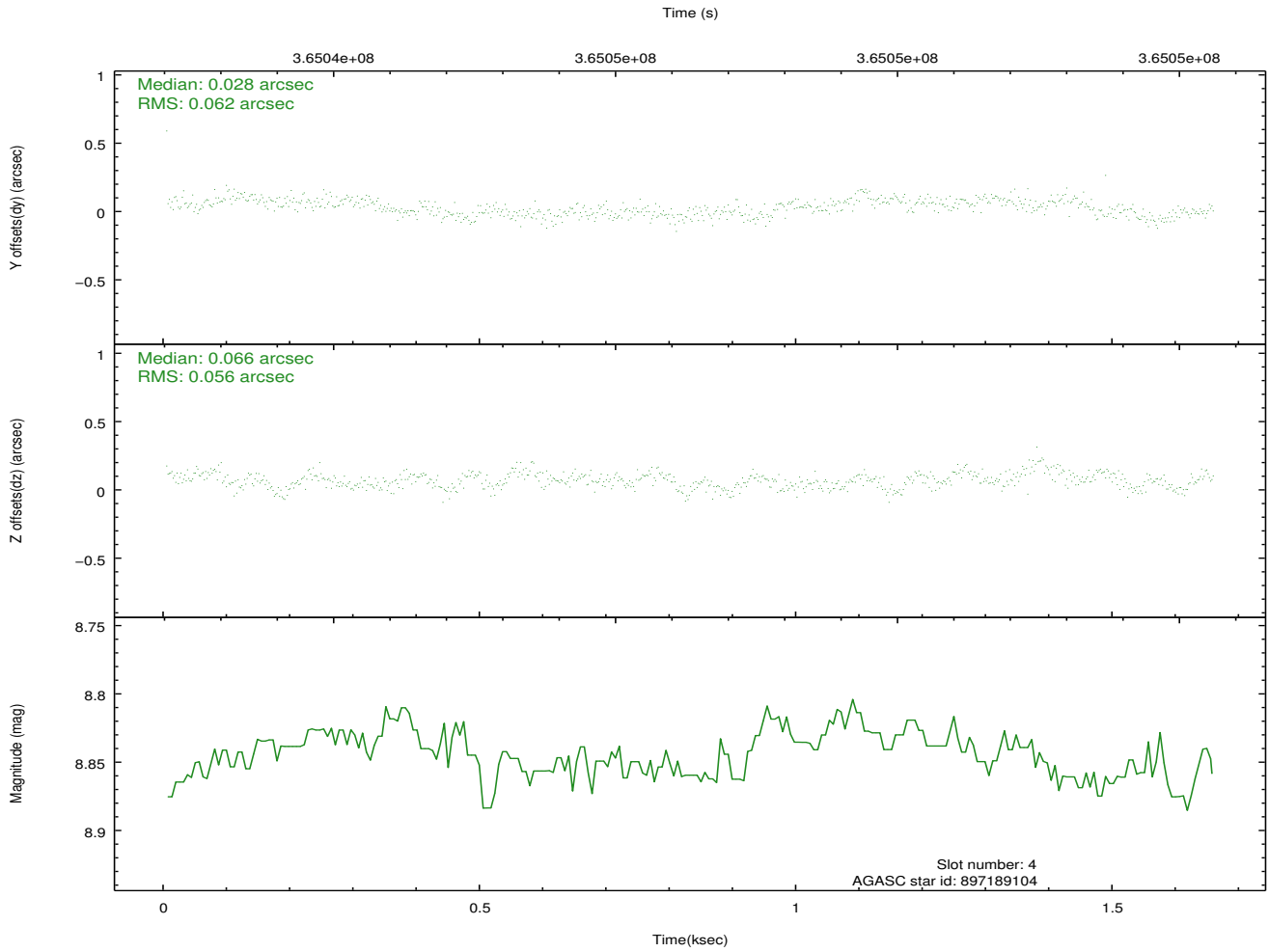
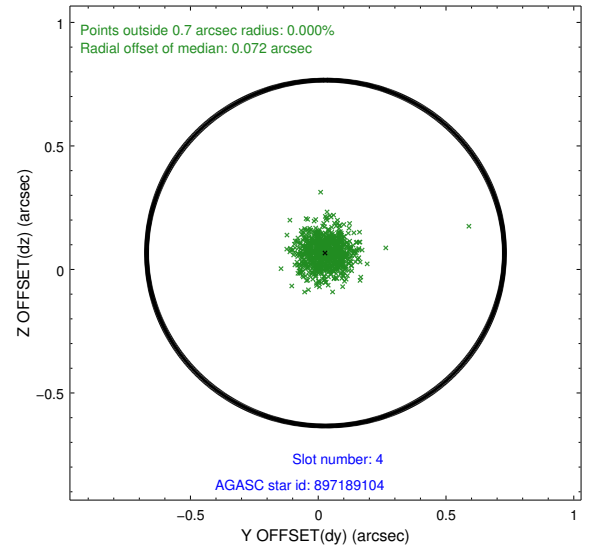
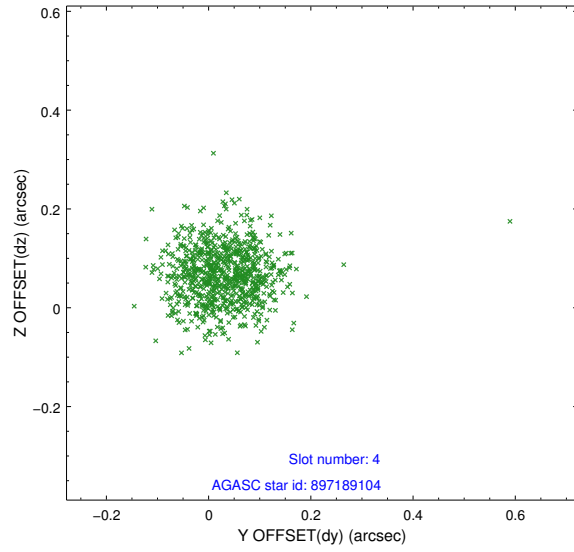
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.09	404	0.013	-0.029	0.007	0.012	0.000000	0.000000	928.08	-1731.92
1	FID	ACIS-S-4	7.10	404	0.163	0.019	0.008	0.012	0.000000	0.000000	2147.83	168.17
2	FID	ACIS-S-5	7.13	404	-0.203	0.023	0.007	0.012	0.000000	0.000000	-1815.91	166.27
3	GUIDE	897188056	9.09	807	-0.003	0.022	0.088	0.146	269.091794	-25.262919	613.14	-454.98
4	GUIDE	897189104	8.84	808	0.028	0.066	0.086	0.136	268.741216	-24.590164	-1847.04	-1514.32
5	GUIDE	897190104	8.10	805	-0.009	-0.062	0.058	0.094	268.897616	-25.377340	999.65	-1103.03
6	GUIDE	897190880	8.10	808	-0.018	0.101	0.059	0.090	269.584058	-25.142408	241.69	1162.67
7	GUIDE	897193376	6.58	807	-0.002	-0.128	0.075	0.123	268.725176	-24.887096	-780.91	-1600.94

2.4 Star Slots

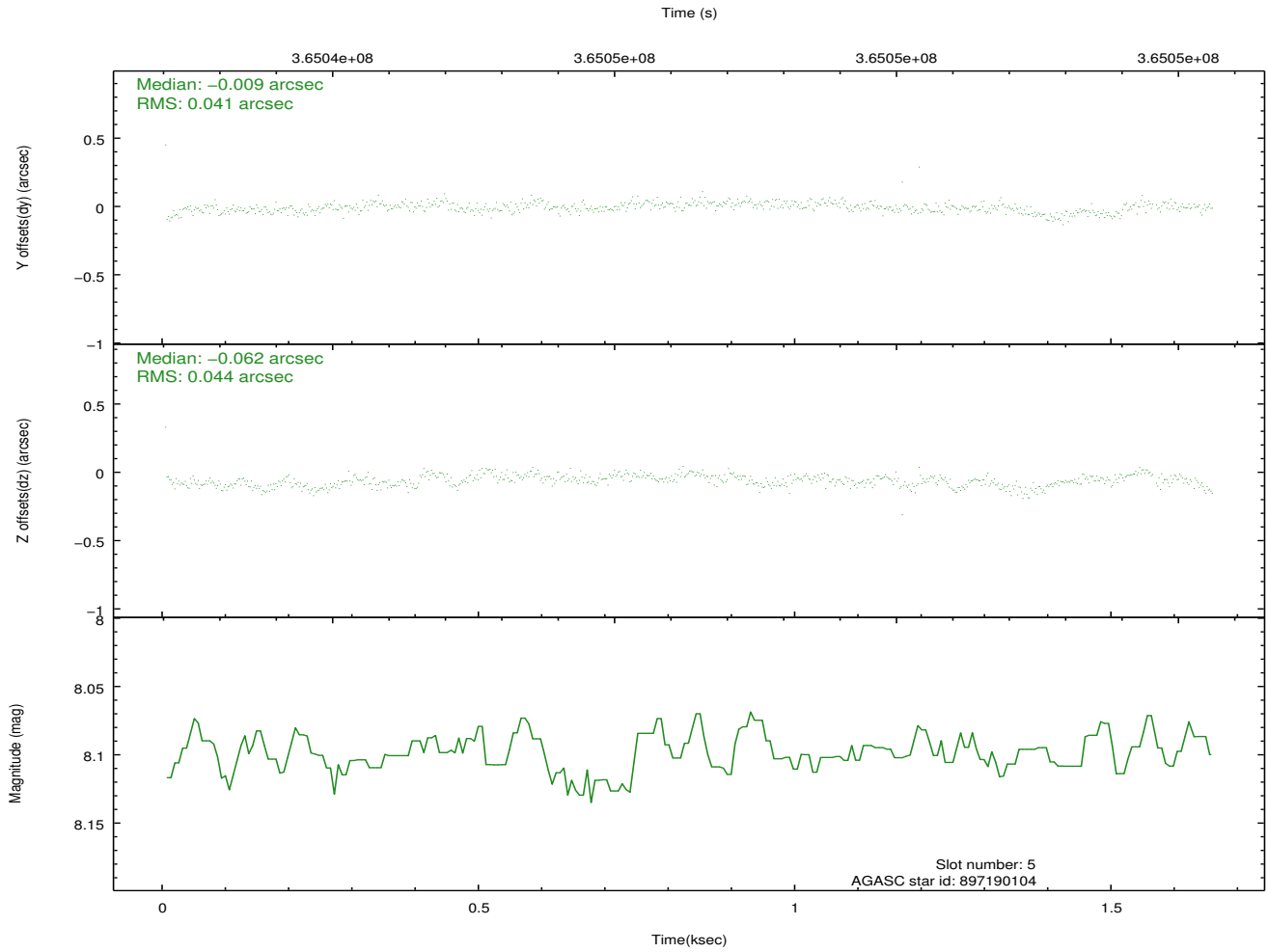
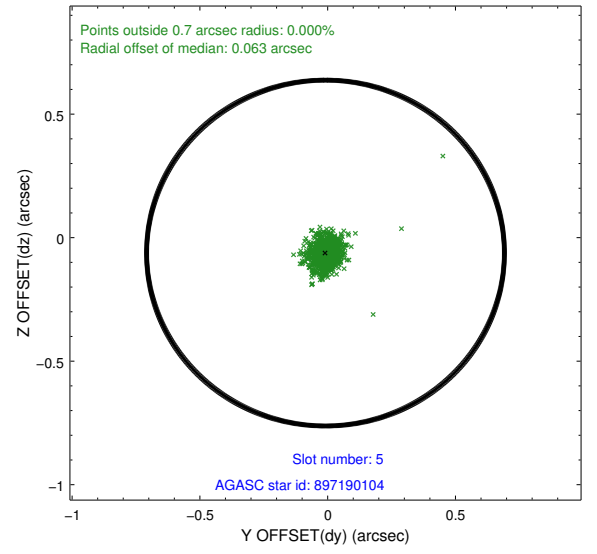
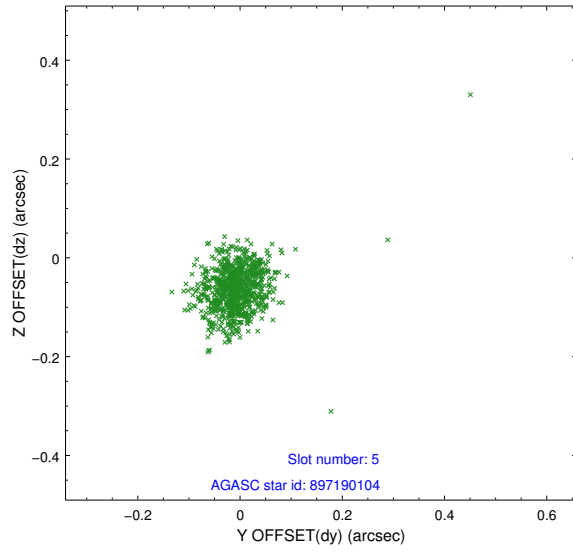
2.4.1 Slot 3



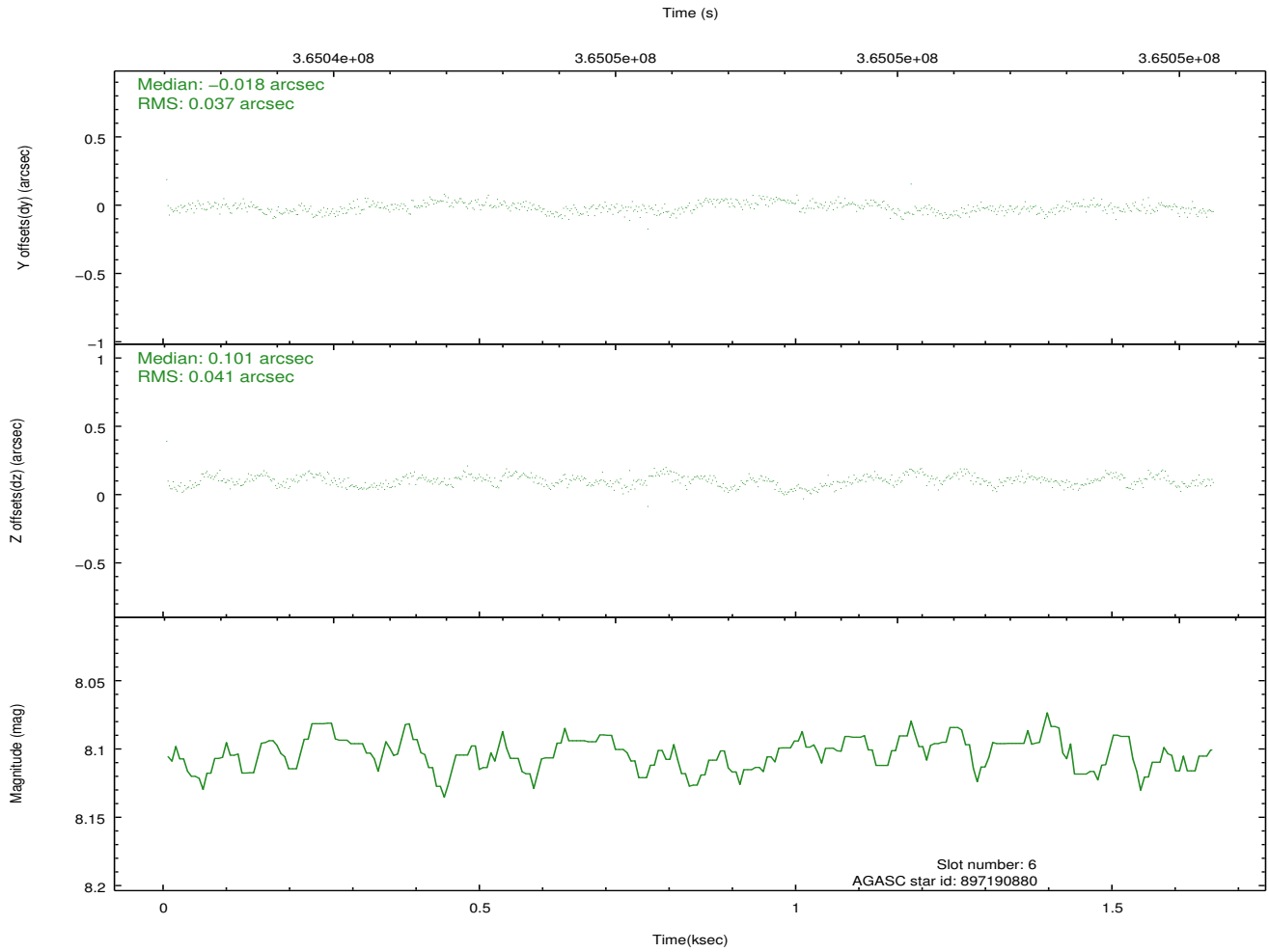
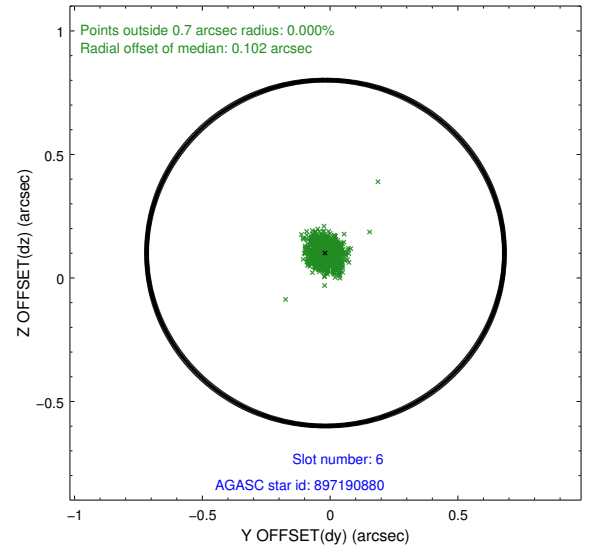
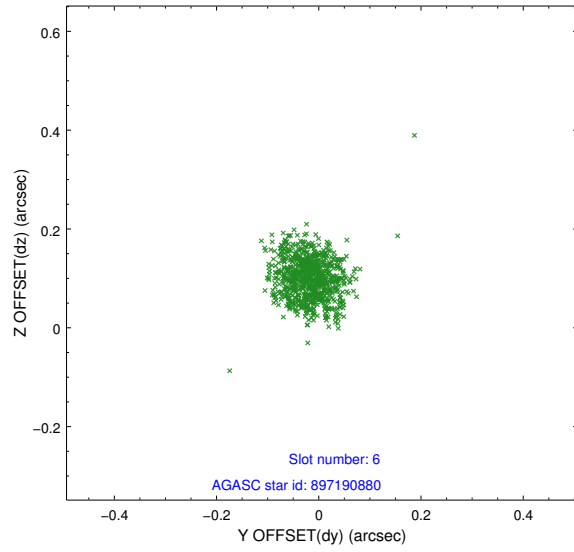
2.4.2 Slot 4



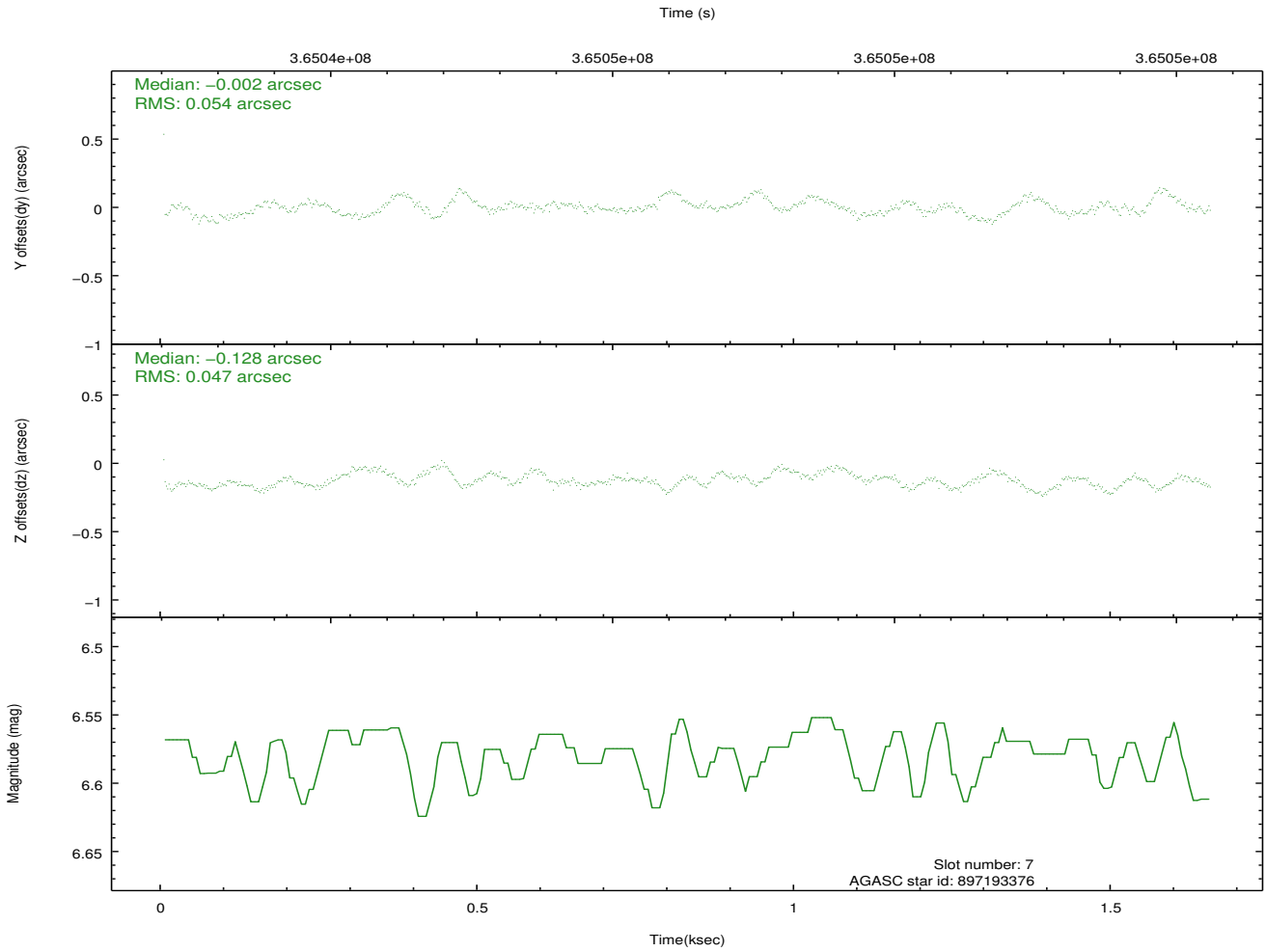
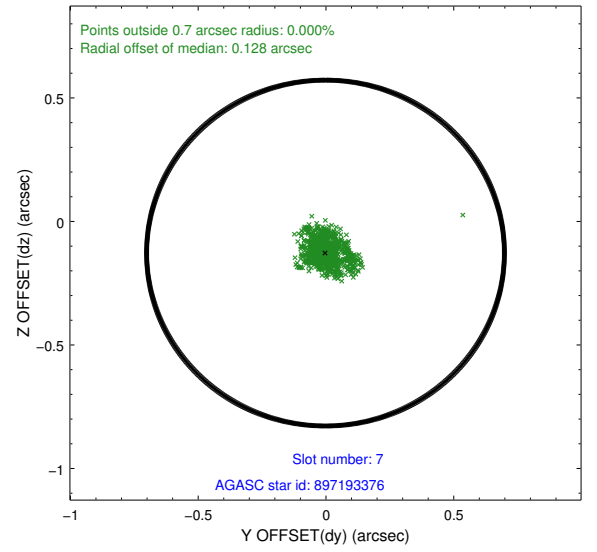
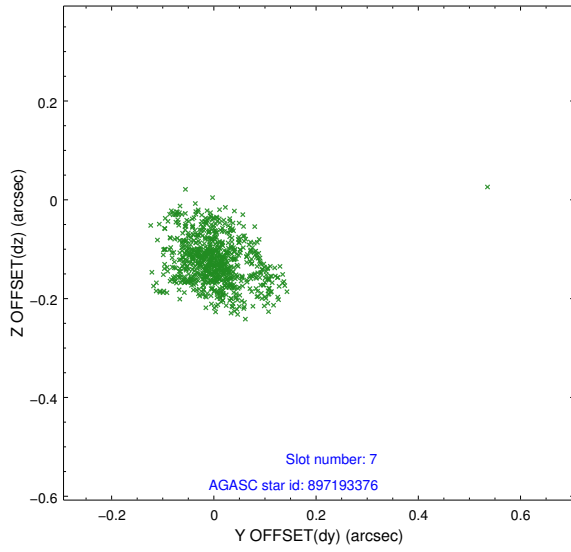
2.4.3 Slot 5



2.4.4 Slot 6

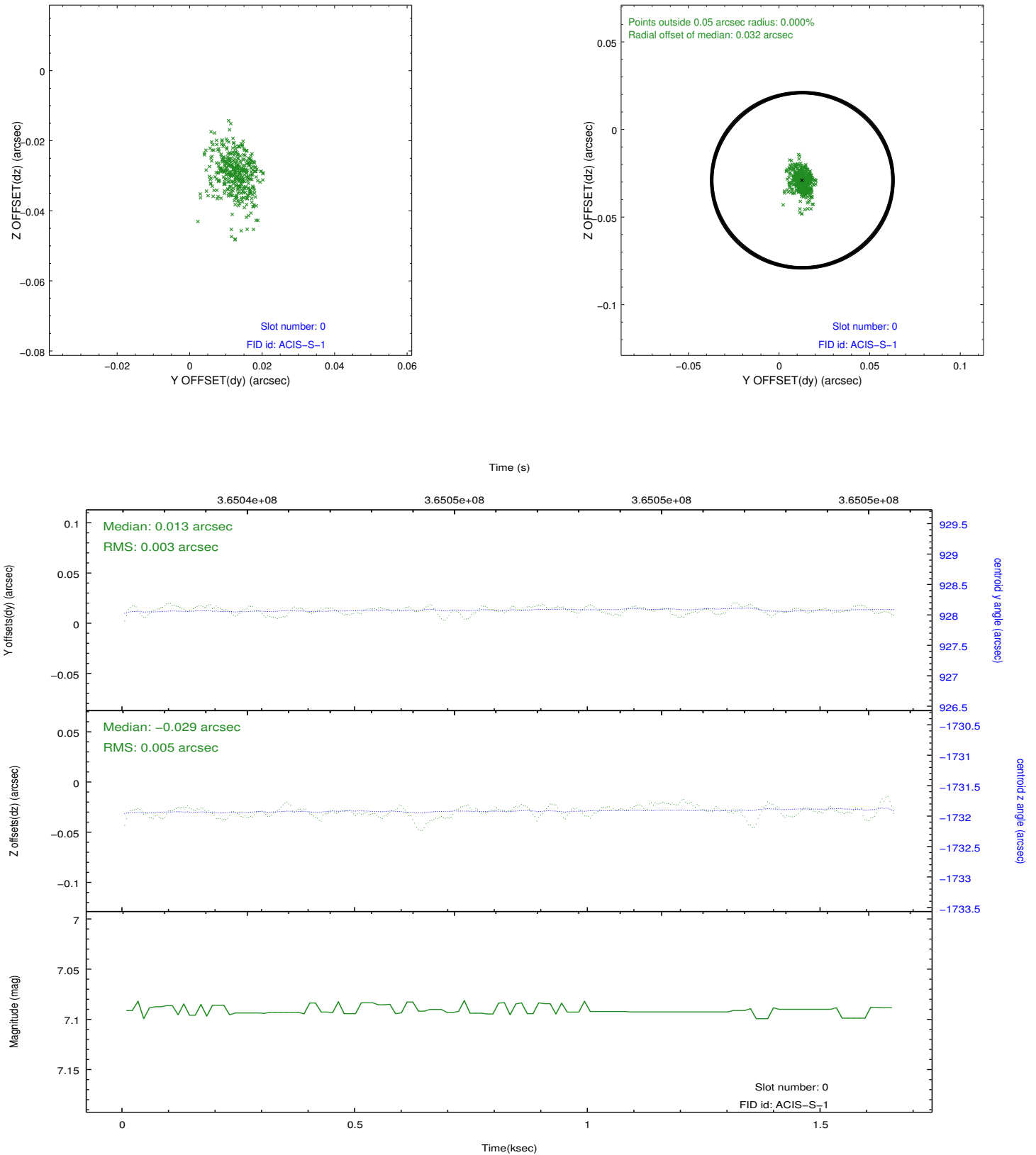


2.4.5 Slot 7

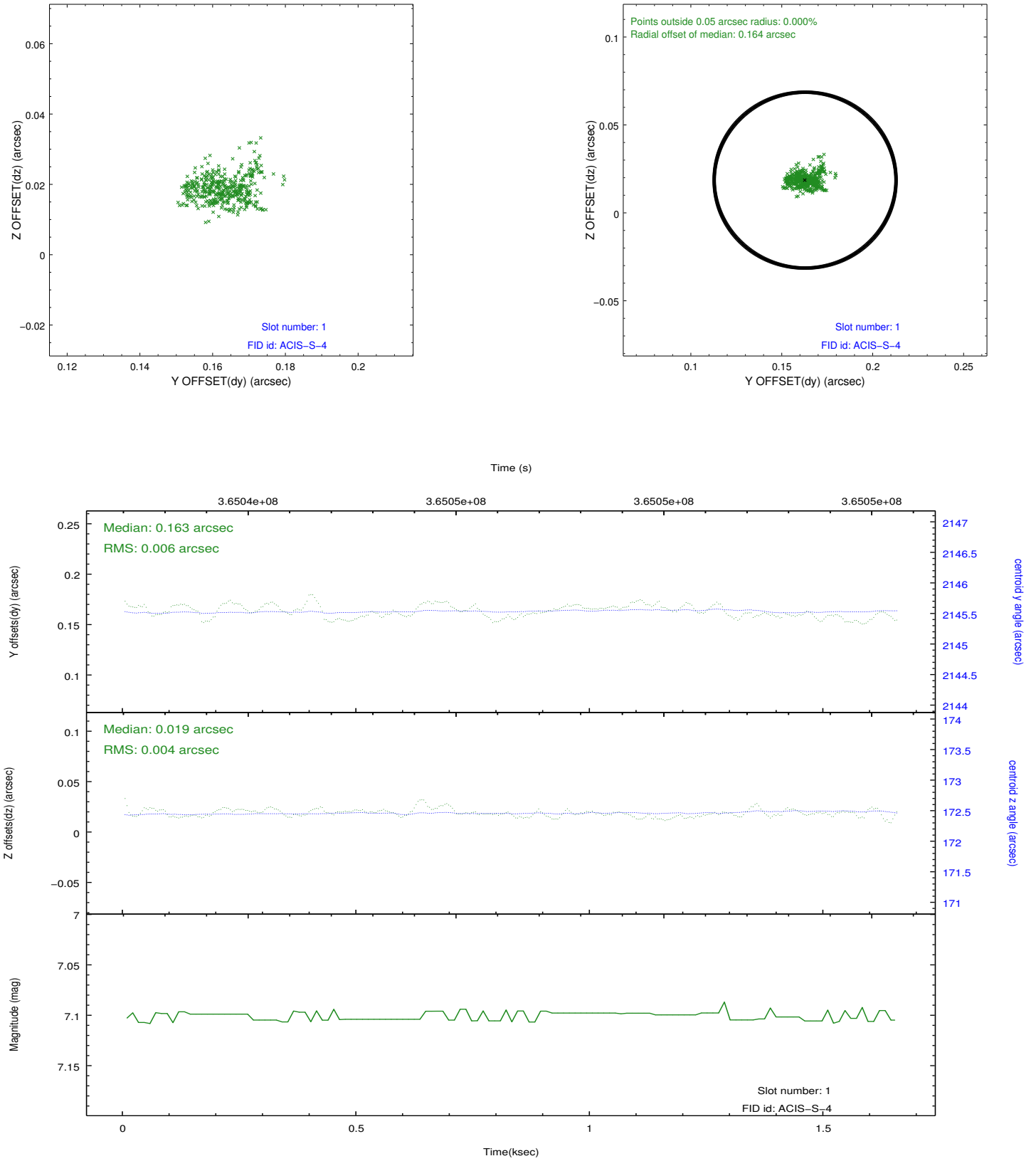


2.5 FID Slots

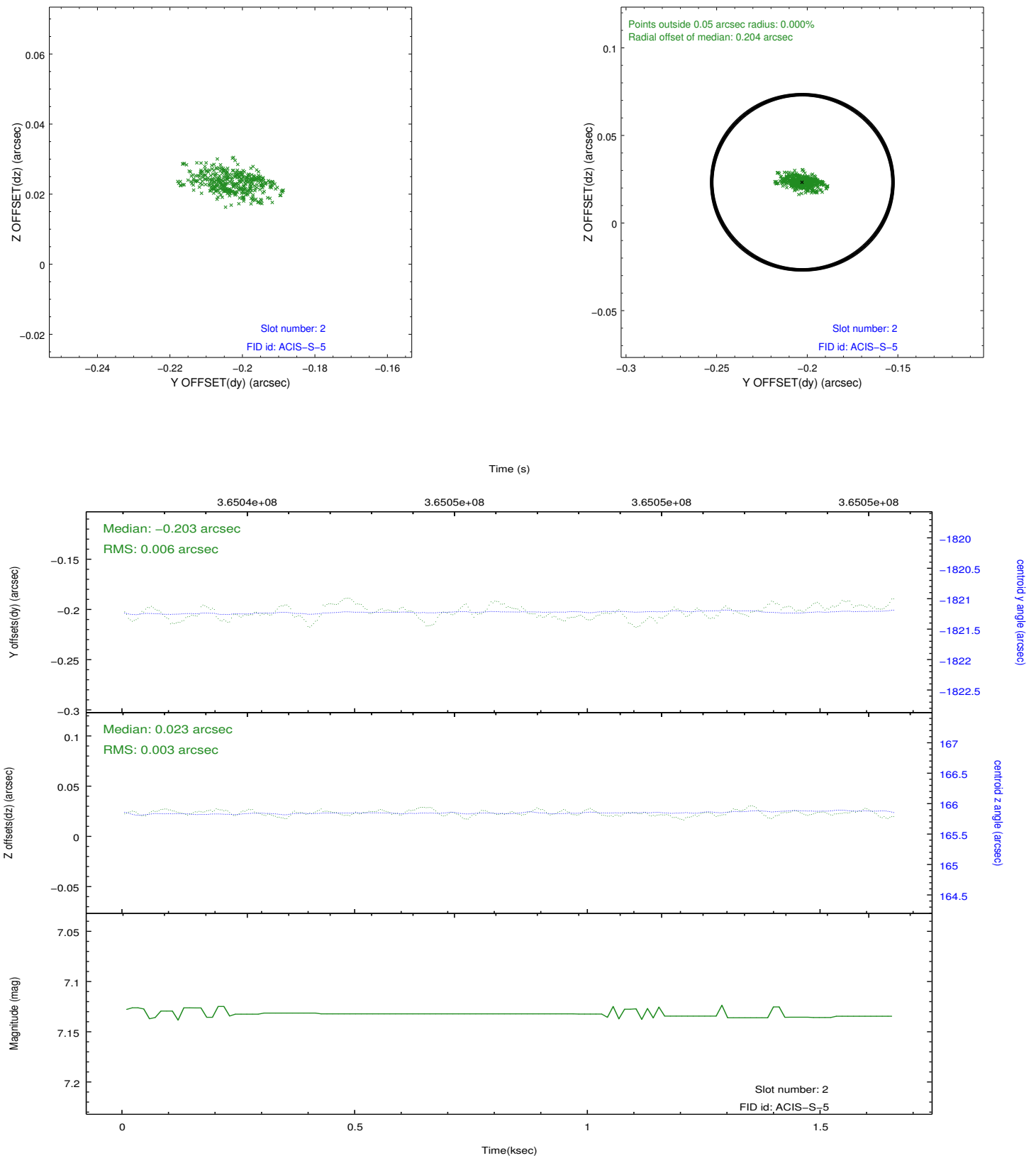
2.5.1 Slot 0



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)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.077

A.2 Comments