

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4797 - L2 Version 3
Chandra X-Ray Center

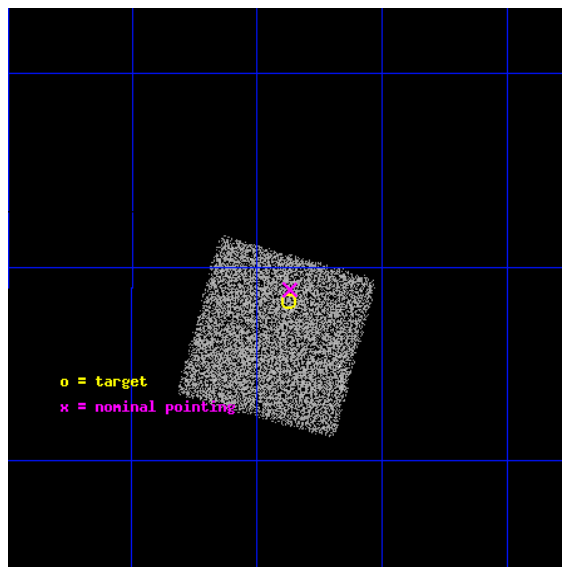
L2 Processing Date : Nov 13 2012

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1 Front

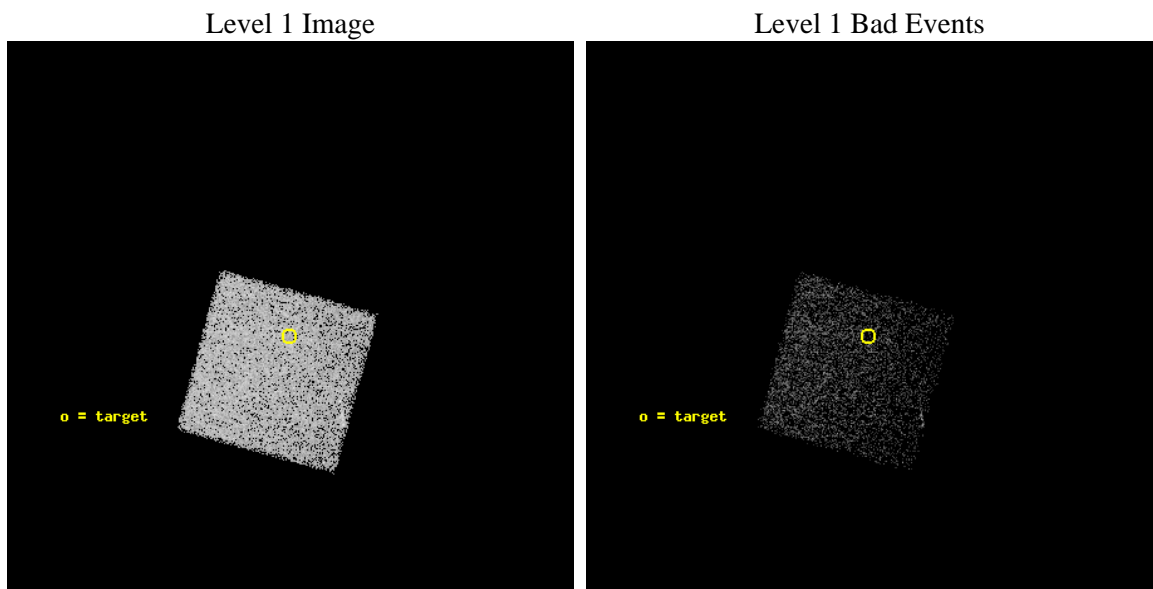
seq_num	700880	Sequence number
obs_id	4797	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1540-4914	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	235.093333	Observer's specified target RA [deg]
dec_targ	29.1375	Observer's specified target Dec [deg]
ra_nom	235.09228437365	Nominal RA [deg]
dec_nom	29.147297330135	Nominal Dec [deg]
roll_nom	105.47774989962	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4503.0	Sum of GTIs [s]
livetime	4442.2302896378	Livetime [s]
ontime7	4503.0	Sum of GTIs [s]
l2events	16691	Number of level 2 events



2 OBI

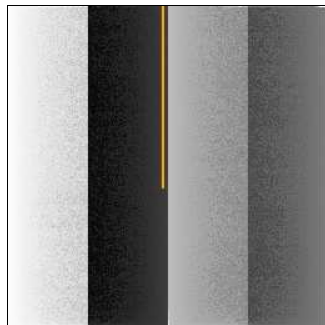
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4029.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4503.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4503.0	Sum of GTIs [s]
date	2012-11-13T20:09:16	Date and time of file creation	l1events	42747	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

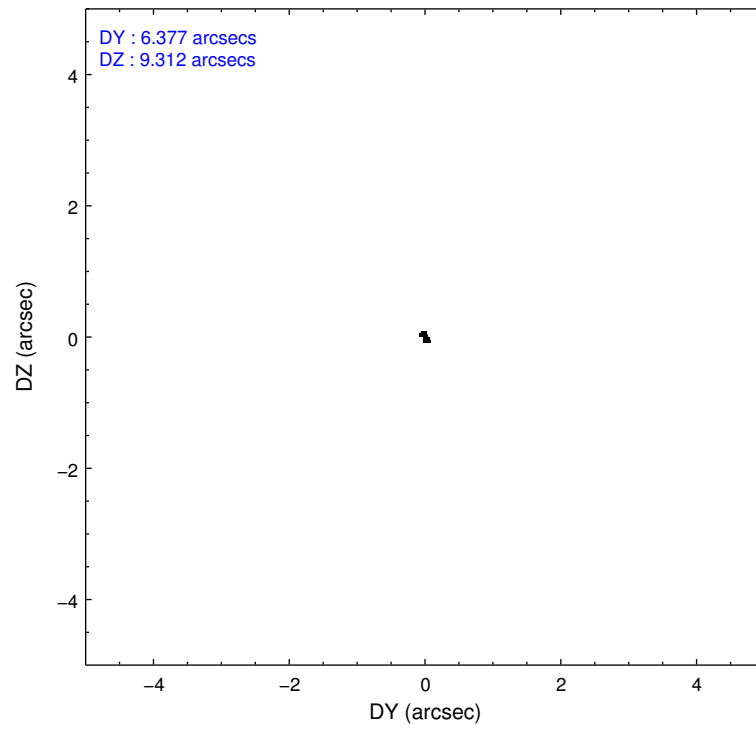
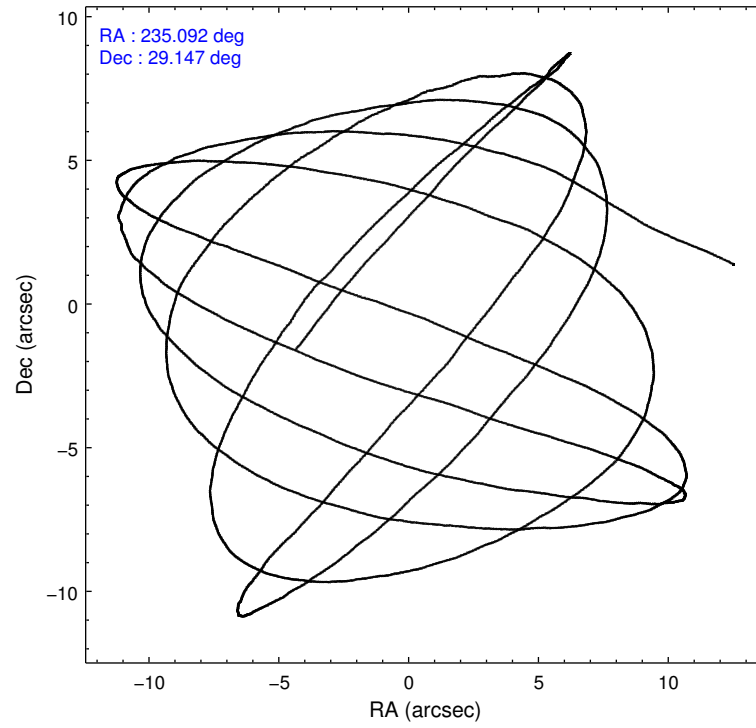
	ccd 7
level 1 events	42747
rejected events	25627
rejected %	59%

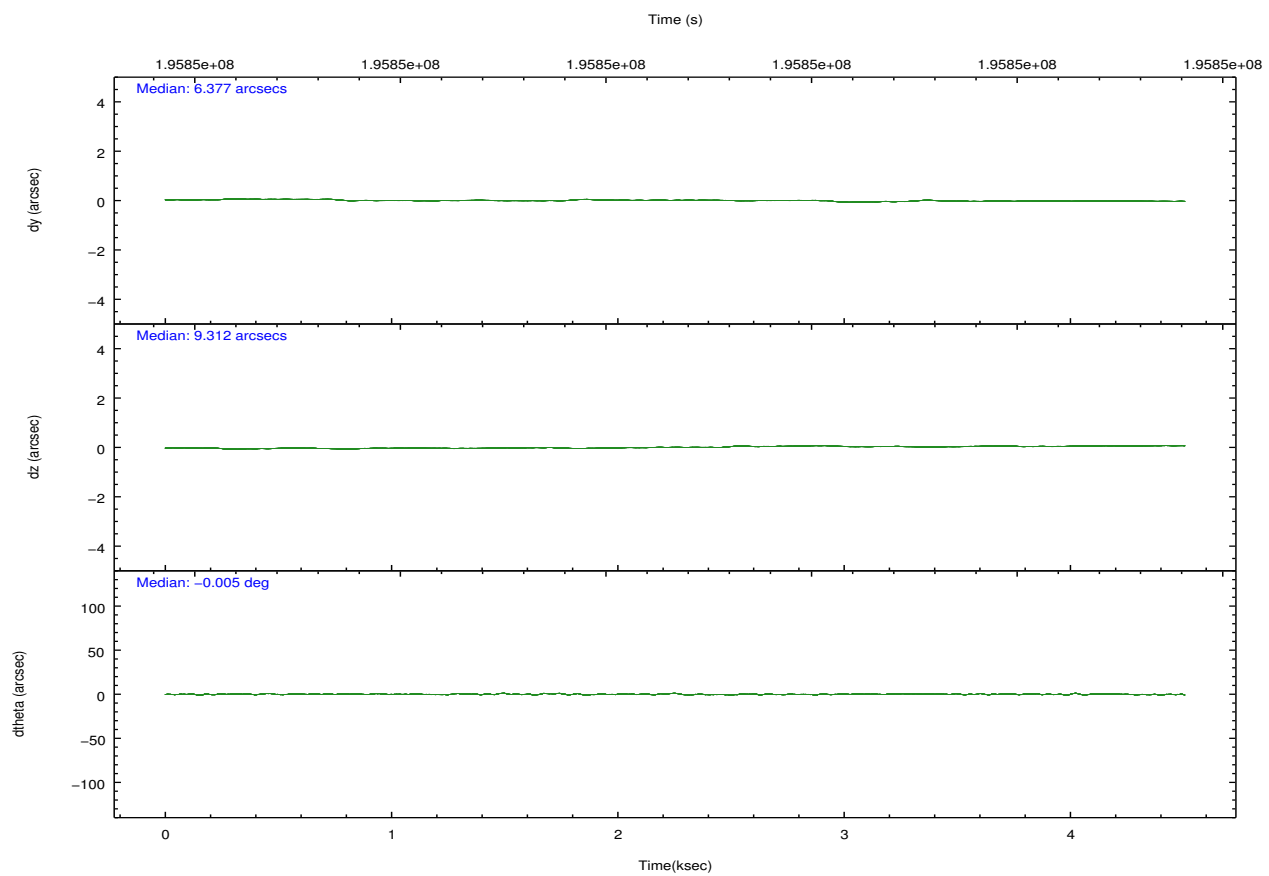
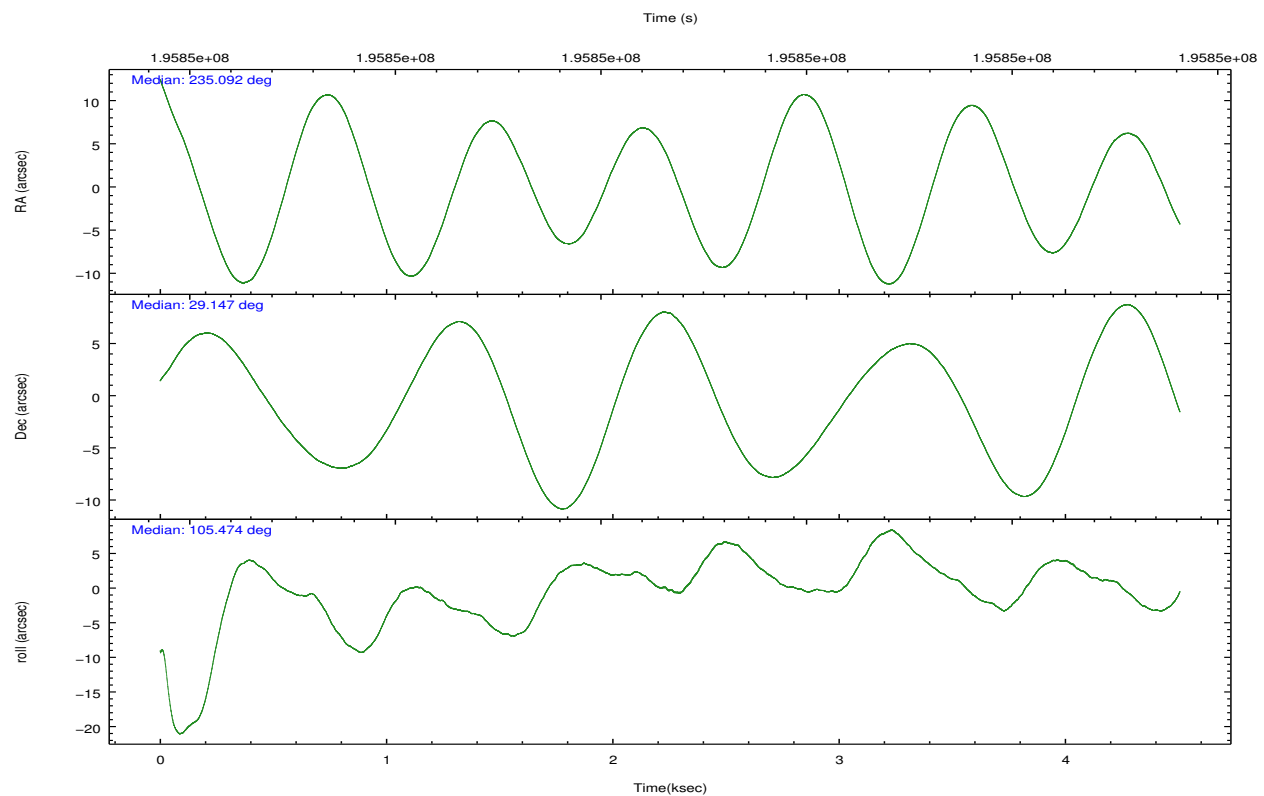
	ccd 7
grade 0 events	1662
	3%
grade 1 events	39
	0%
grade 2 events	3626
	8%
grade 3 events	1638
	3%
grade 4 events	1630
	3%
grade 5 events	4153
	9%
grade 6 events	9212
	21%
grade 7 events	20787
	48%

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	235.114813	235.0922843736507	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.128296	29.1472973301347	Alternating exposures requested	N	N
[deg] Pointing Roll	105.310092	105.4777498996171	[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)	195848558.184000	195847447.25901			
Observation start date	2004-03-16T18:21:34	2004-03-16T18:04:07			
[s] Observation end time (MET)	195852587.184000	195853794.57179			
Observation end date	2004-03-16T19:28:43	2004-03-16T19:49:54			
Read mode	TIMED	TIMED			

2.3 Aspect



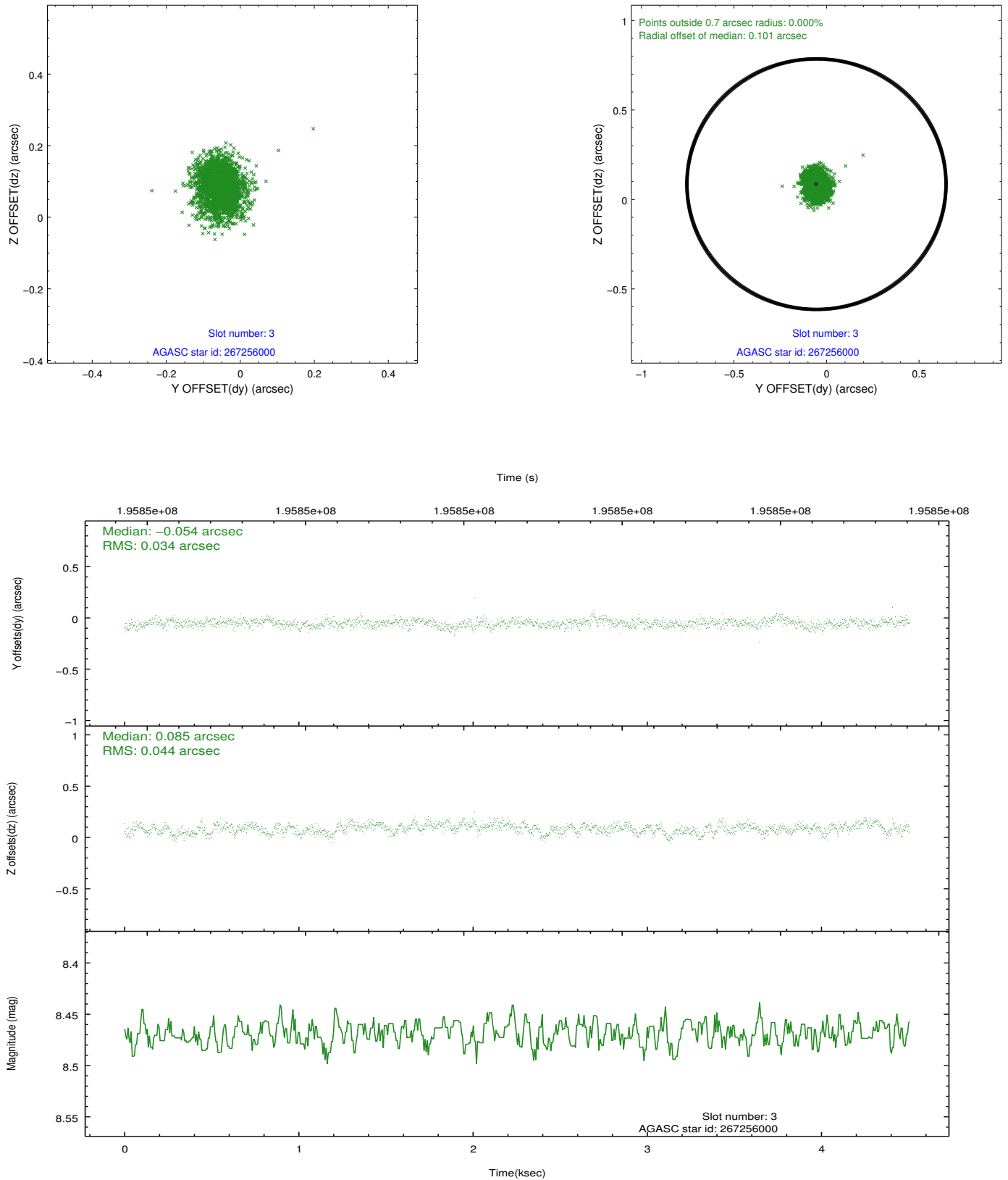


Slot Statistics

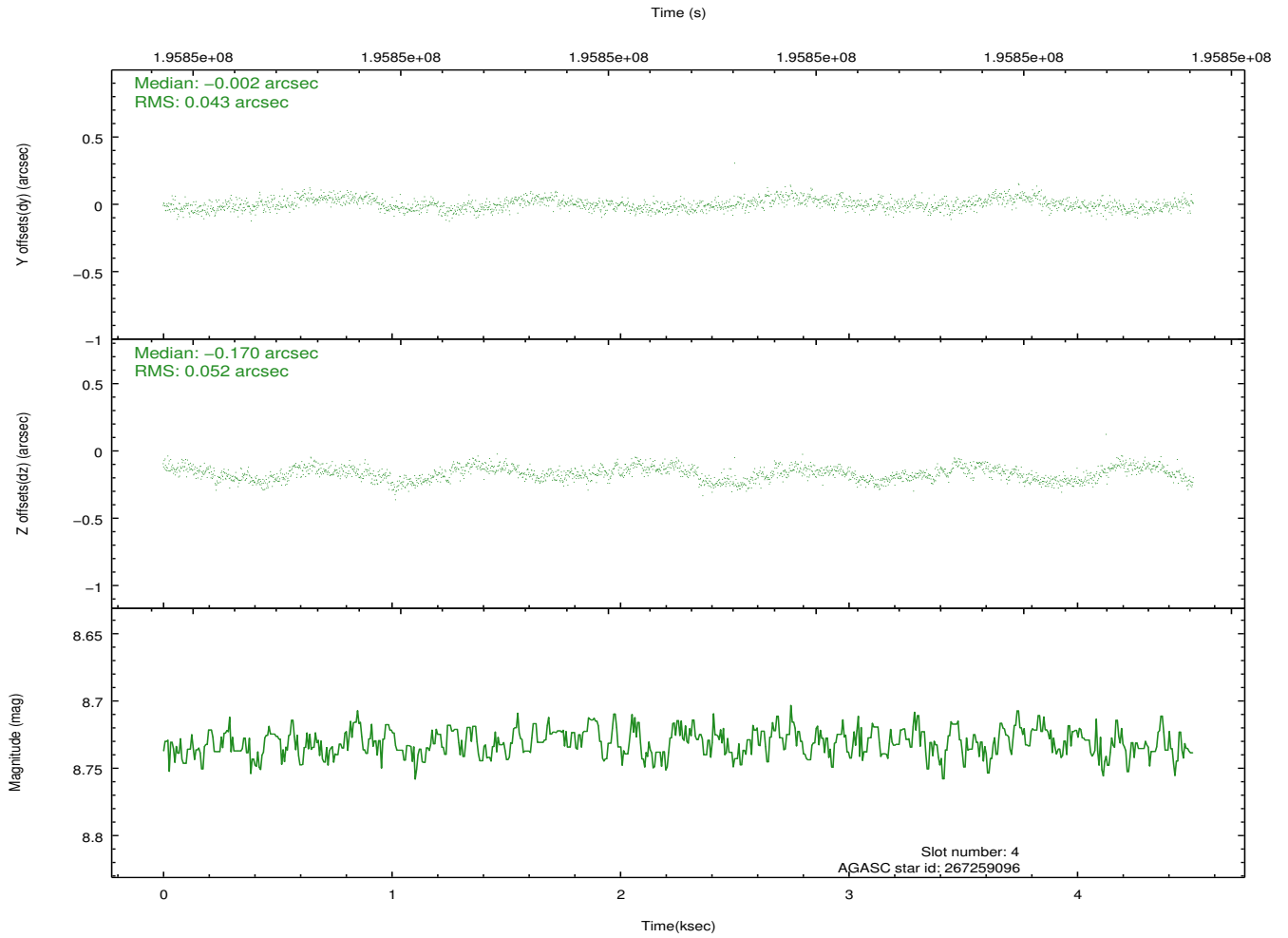
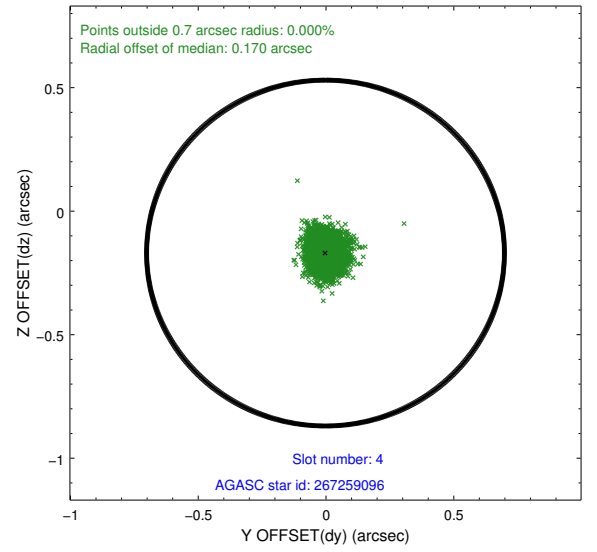
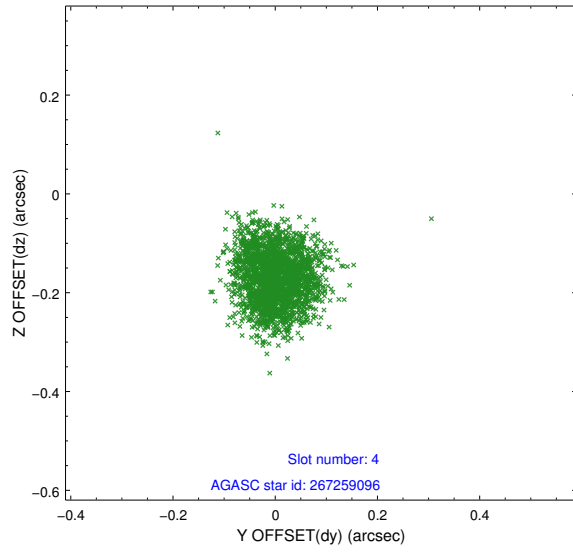
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1099	-0.052	-0.039	0.007	0.011	0.000000	0.000000	-759.15	-1730.59
1	FID	ACIS-S-4	7.20	1100	0.087	0.036	0.006	0.011	0.000000	0.000000	2153.63	176.58
2	FID	ACIS-S-5	7.23	1100	-0.065	0.012	0.007	0.010	0.000000	0.000000	-1810.26	171.75
3	GUIDE	267256000	8.47	2198	-0.054	0.085	0.058	0.097	235.255033	29.227718	228.68	-519.03
4	GUIDE	267259096	8.73	2198	-0.002	-0.170	0.073	0.112	234.903061	29.193993	404.27	579.26
5	GUIDE	267267952	8.63	2200	-0.095	0.104	0.066	0.106	235.567885	29.622926	1345.20	-1837.27
6	GUIDE	267265360	8.88	2200	-0.117	0.069	0.090	0.140	235.298176	29.856673	2378.81	-1245.12
7	GUIDE	267260296	10.03	2195	0.273	-0.088	0.135	0.216	235.176148	28.474277	-2320.96	433.99

2.4 Star Slots

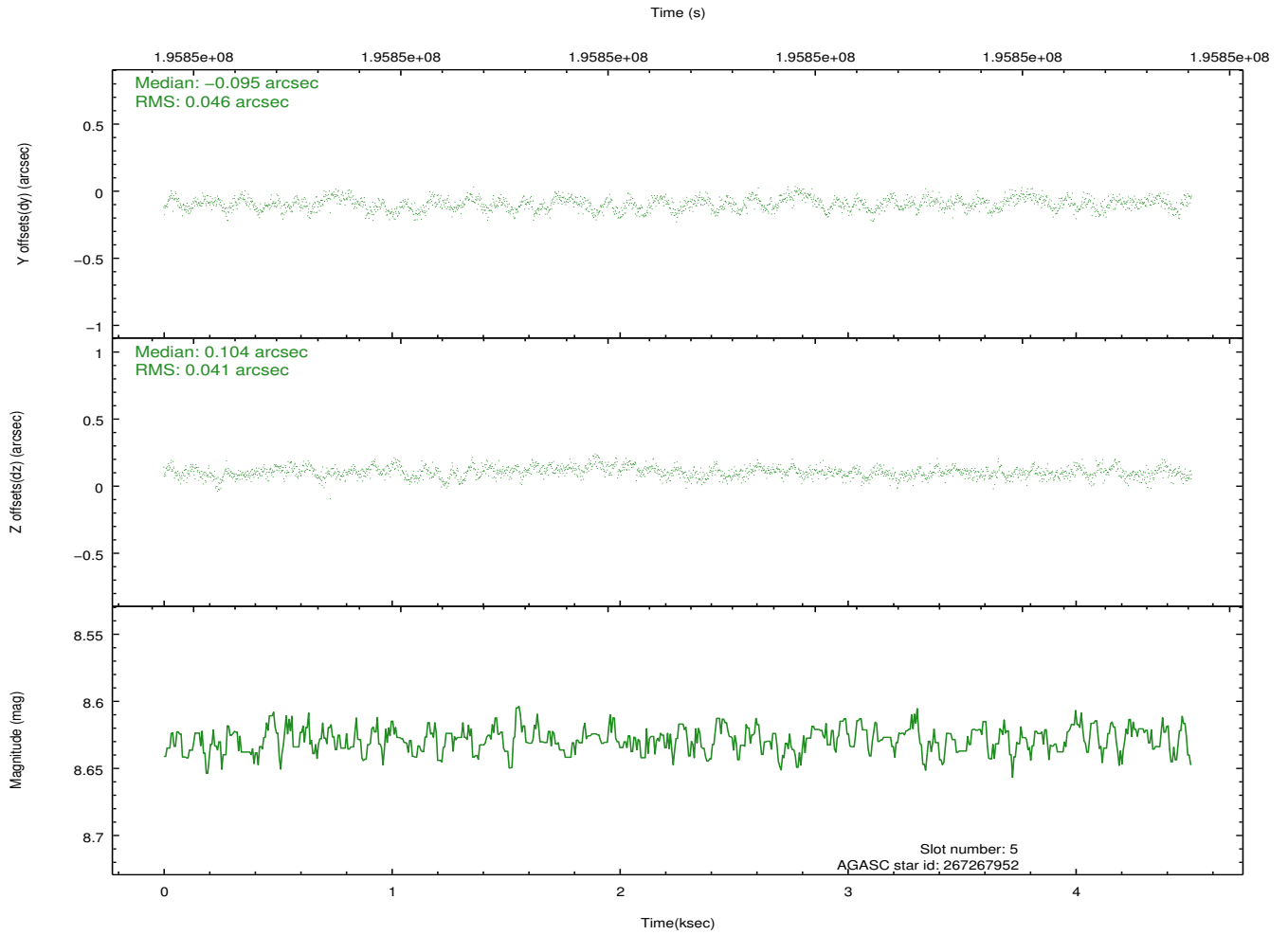
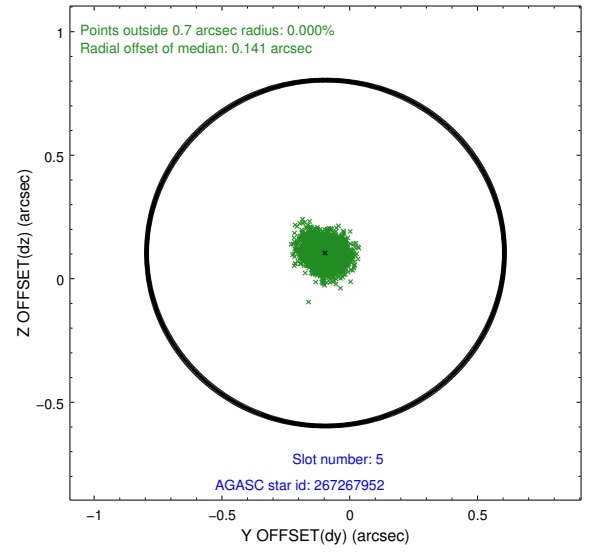
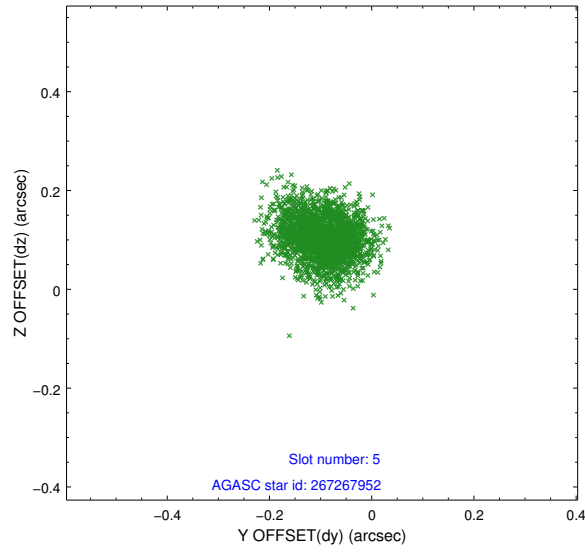
2.4.1 Slot 3



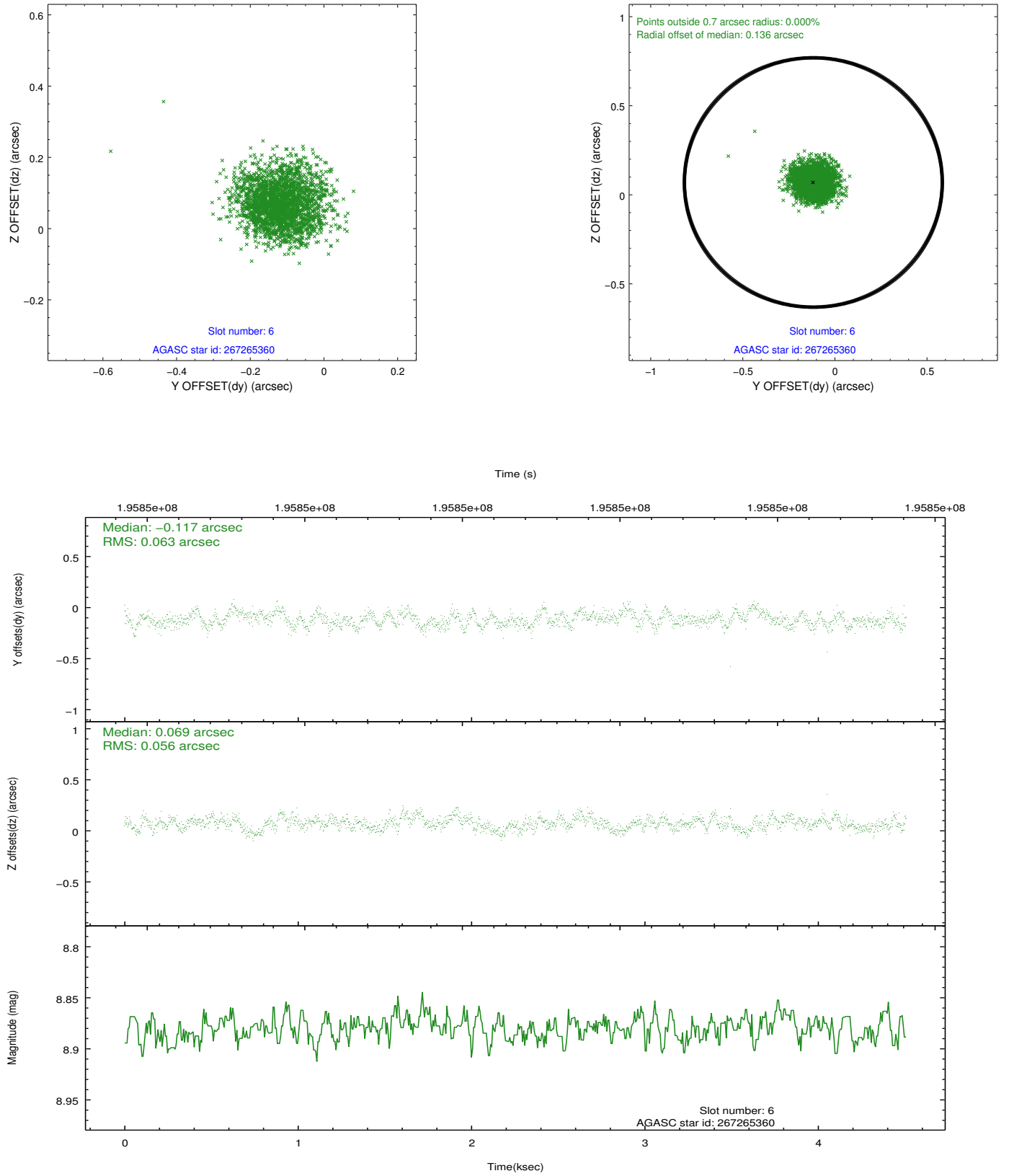
2.4.2 Slot 4



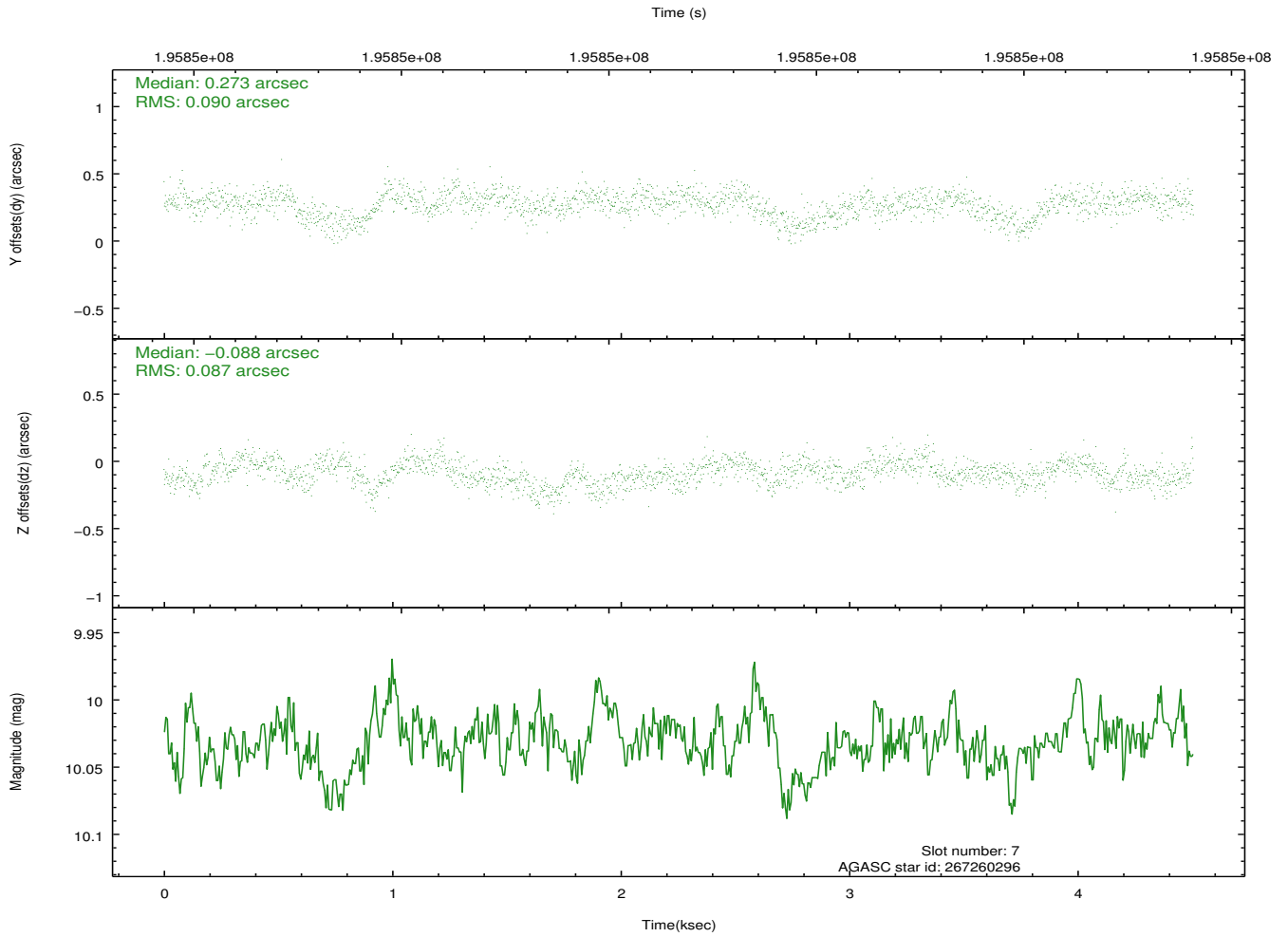
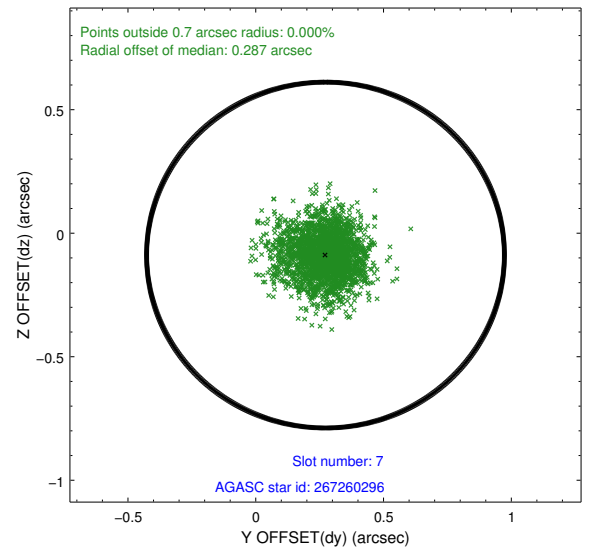
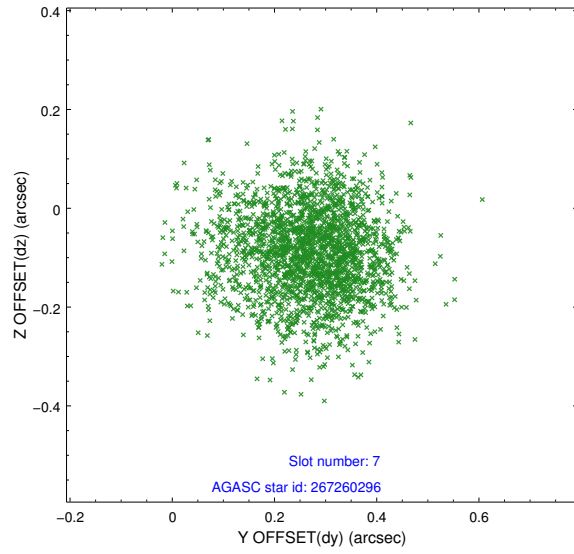
2.4.3 Slot 5



2.4.4 Slot 6

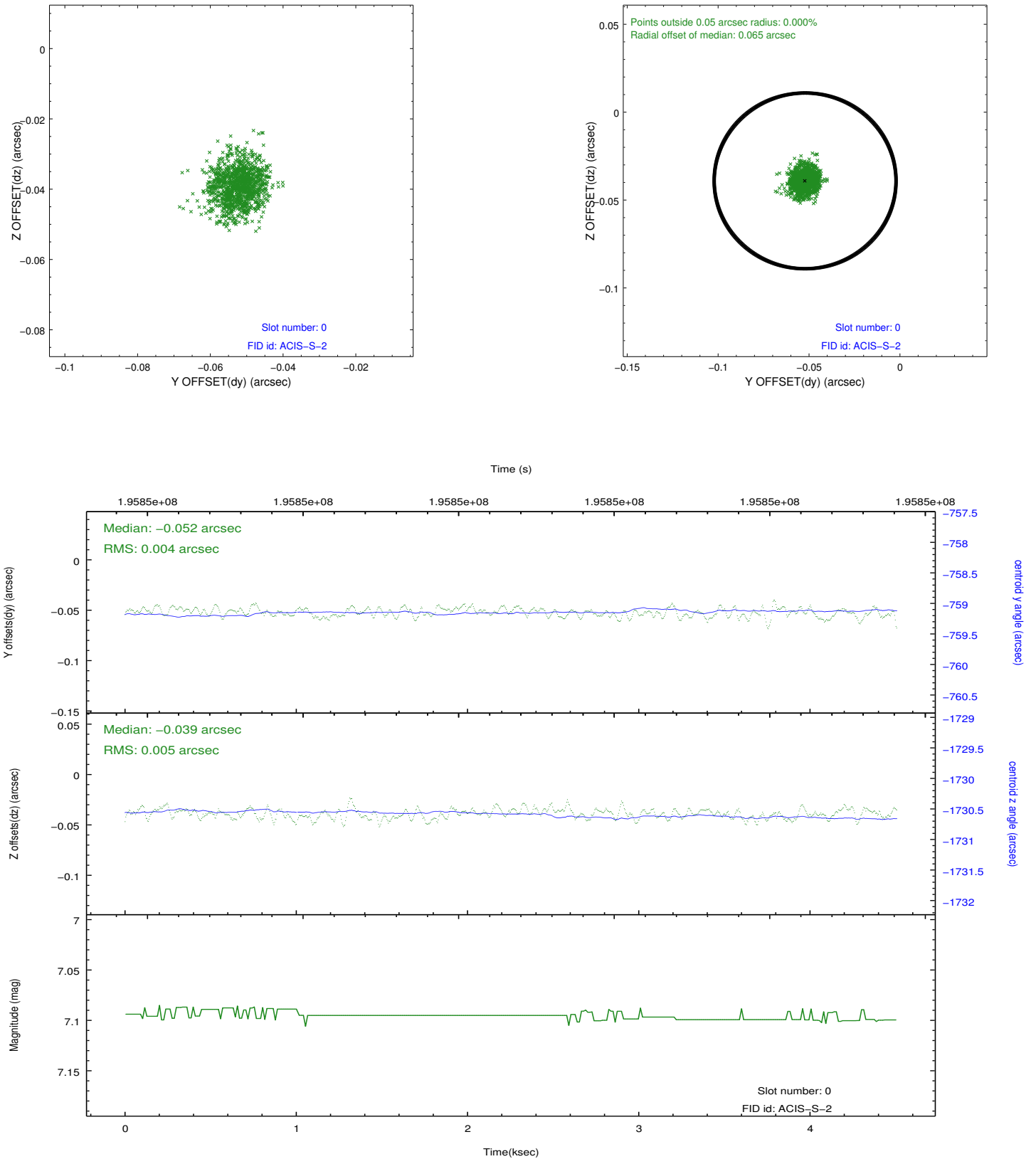


2.4.5 Slot 7

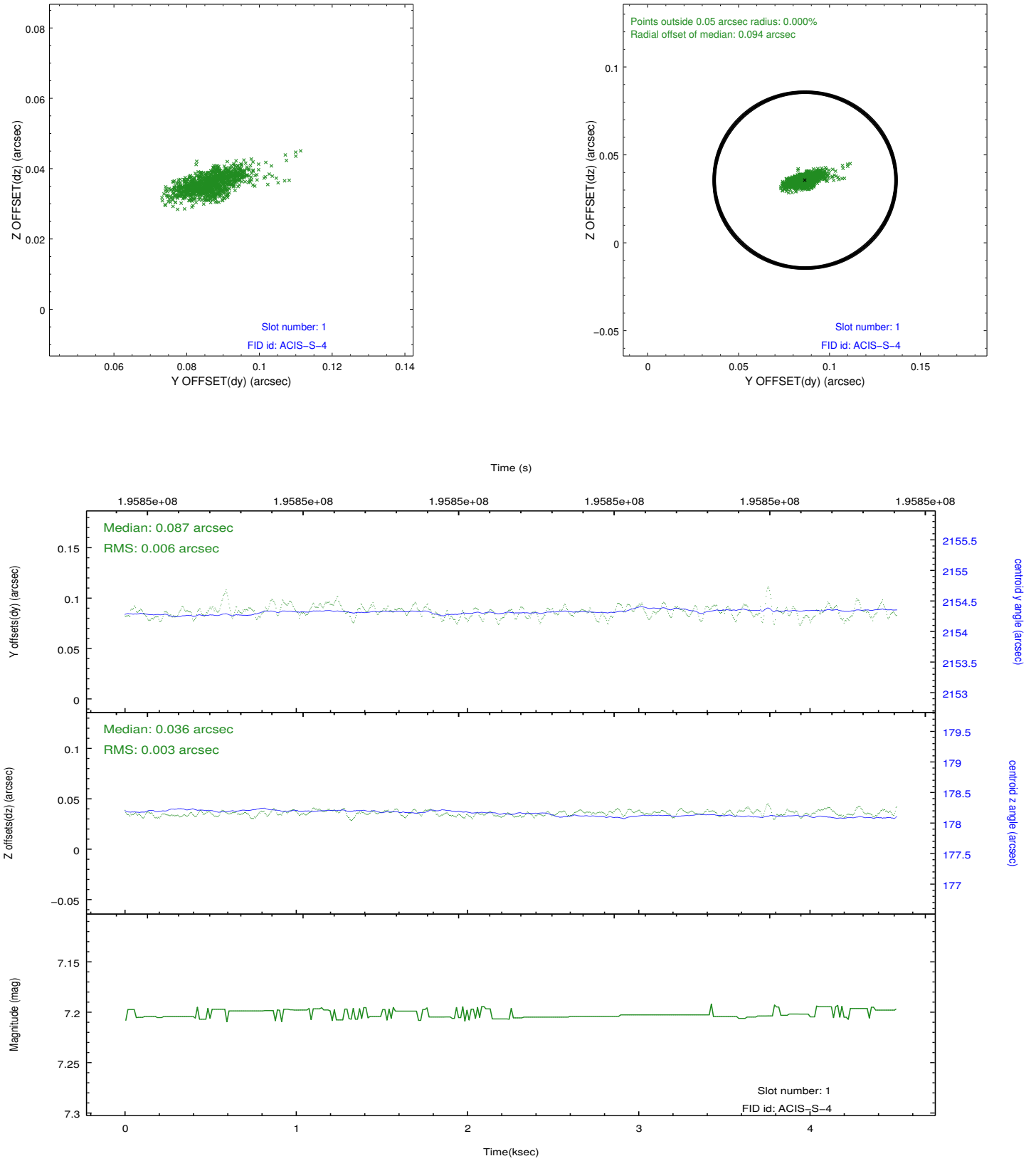


2.5 FID Slots

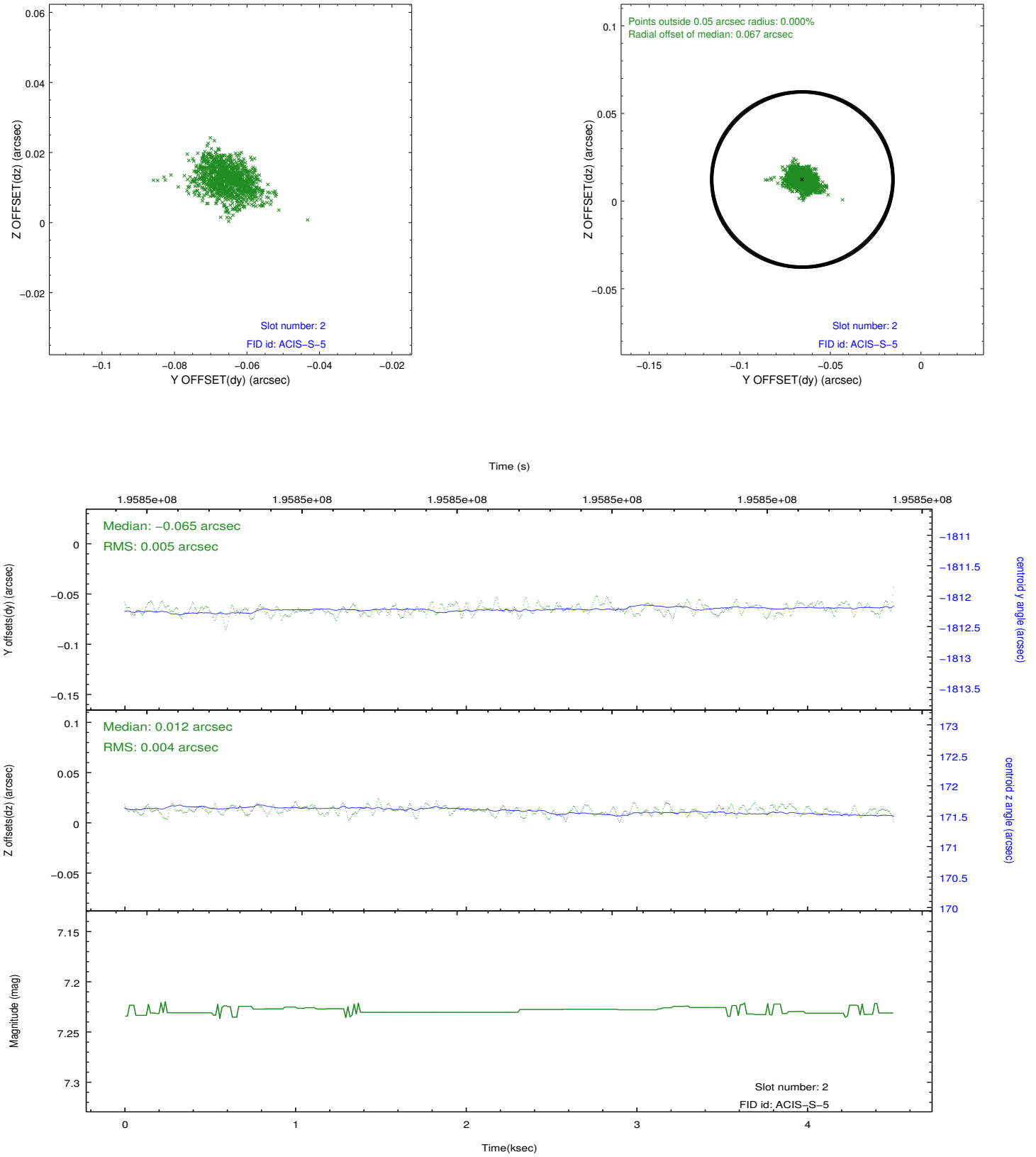
2.5.1 Slot 0



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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.503

A.2 Comments