

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5528 - L2 Version 4
Chandra X-Ray Center

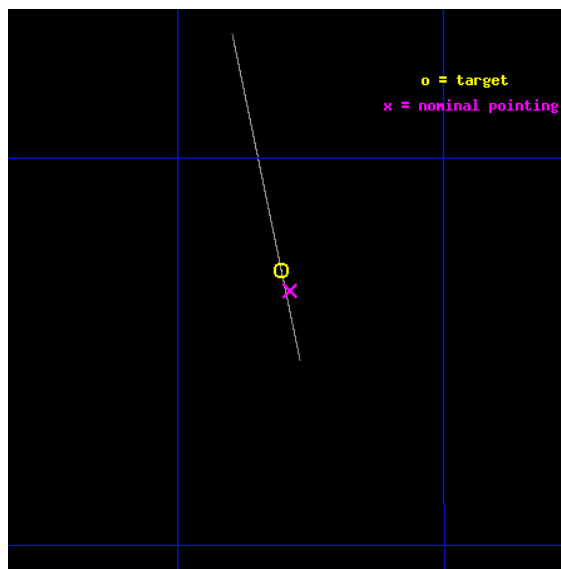
L2 Processing Date : Dec 25 2012

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1 Front

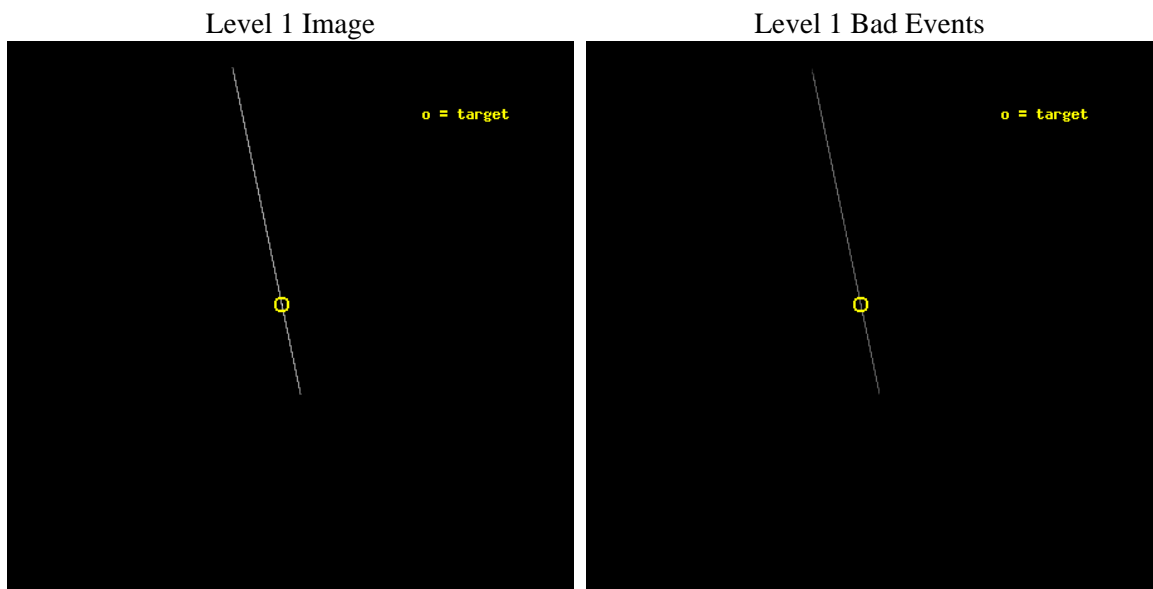
seq_num	500522	Sequence number
obs_id	5528	Observation id
title	Timing the Enigmatic Nearby Neutron Star RX J1308.8+2127	Proposal
observer	Prof. David Kaplan	Principal investigator
object	RX J1308.8+2127	Source name
ra_targ	197.20125	Observer's specified target RA [deg]
dec_targ	21.451889	Observer's specified target Dec [deg]
ra_nom	197.19729707724	Nominal RA [deg]
dec_nom	21.44301281337	Nominal Dec [deg]
roll_nom	258.08808754024	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5185.75	Sum of GTIs [s]
livetime	5165.4931640625	Livetime [s]
ontime7	5185.75	Sum of GTIs [s]
l2events	24914	Number of level 2 events



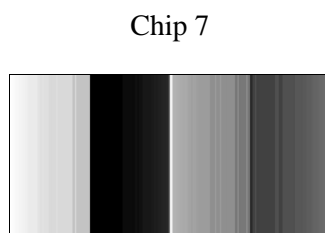
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	5185.75	Sum of GTIs [s]
caldsver	4.5.5	 	ontime7	5185.75	Sum of GTIs [s]
date	2012-12-26T00:27:47	Date and time of file creation	l1events	34039	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

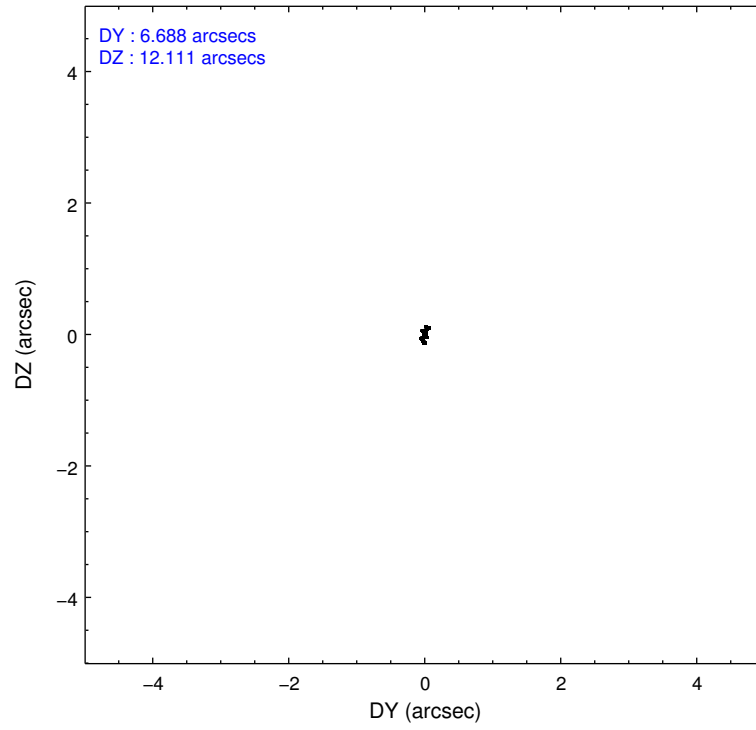
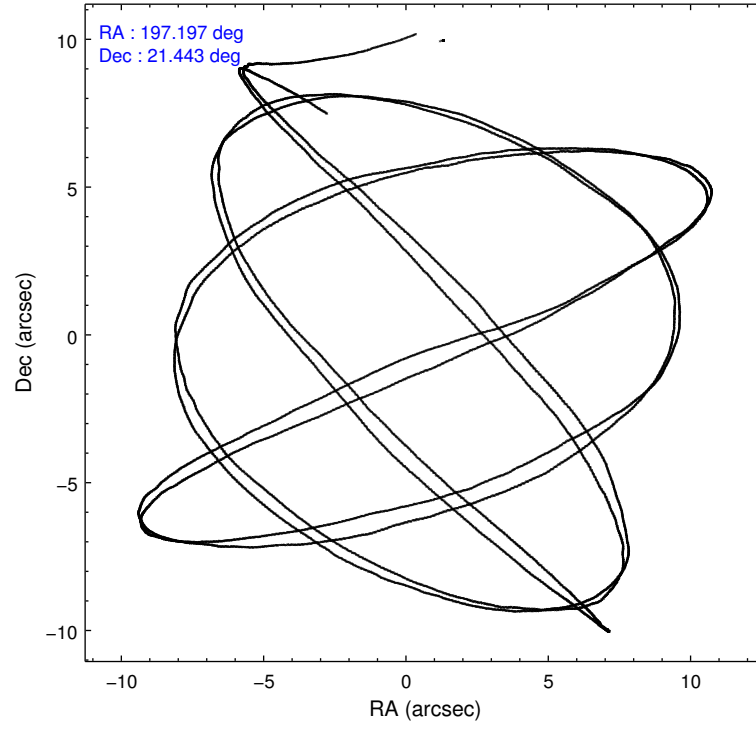
	ccd 7
level 1 events	34039
rejected events	8203
rejected %	24%

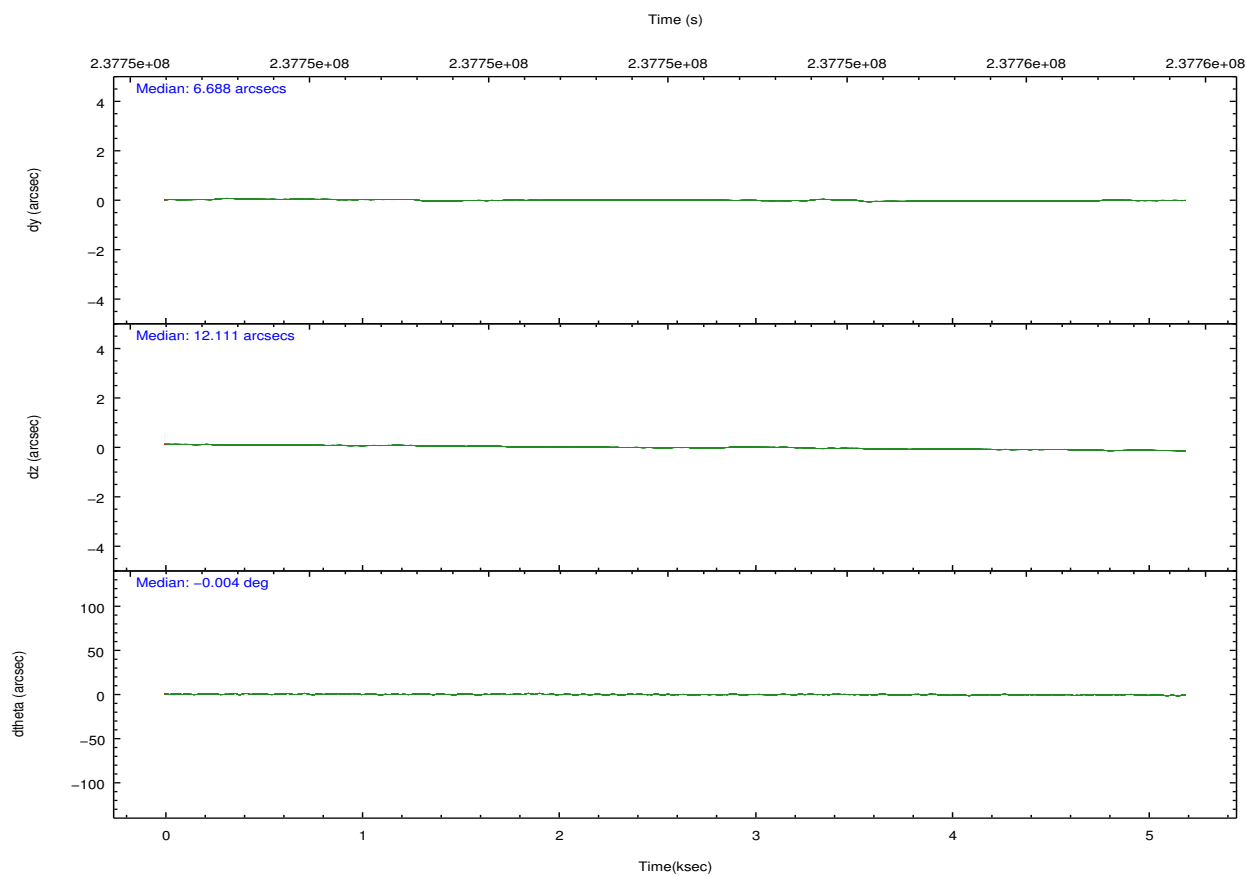
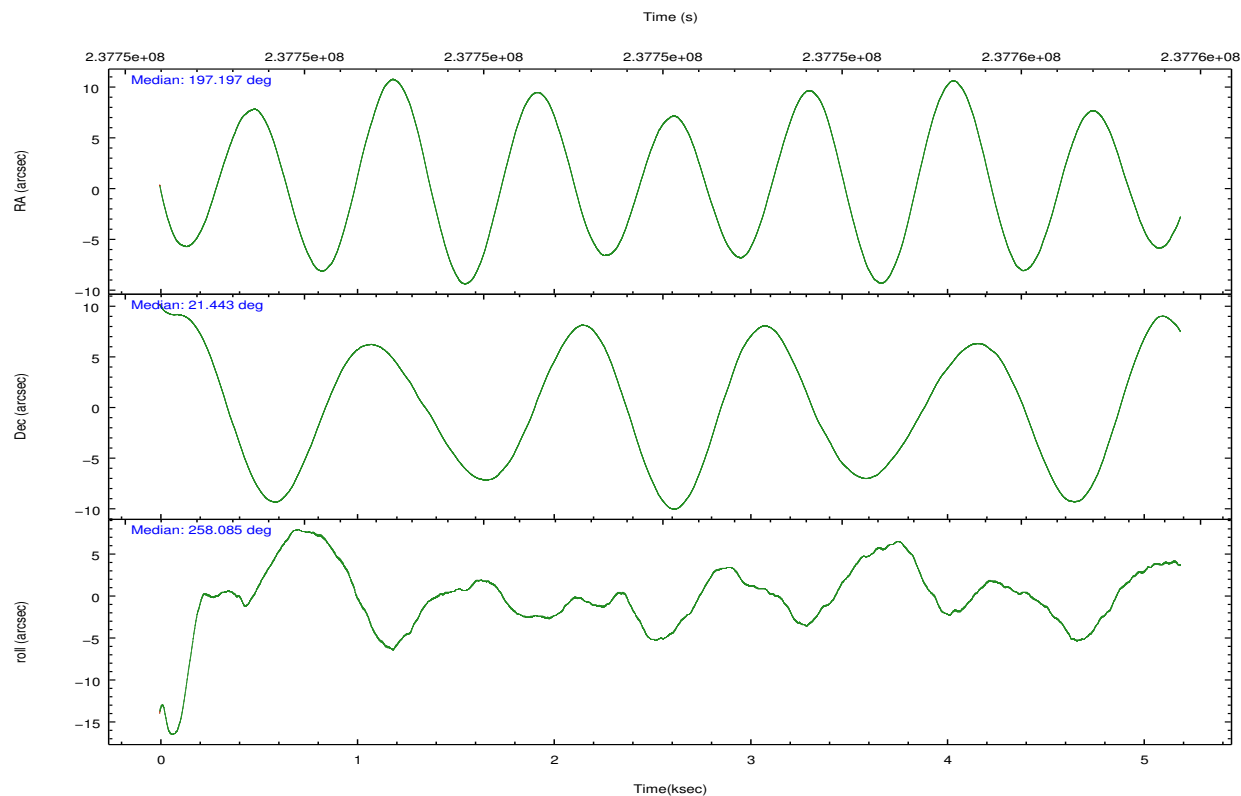
	ccd 7
grade 0 events	3791
	11%
grade 1 events	71
	0%
grade 2 events	7532
	22%
grade 3 events	2003
	5%
grade 4 events	2023
	5%
grade 5 events	4866
	14%
grade 6 events	13753
	40%
grade 7 events	0
	0%

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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	197.187895	197.19729707724	Subarray requested	NONE	NONE
[deg] Pointing Dec	21.468686	21.44301281336986	Alternating exposures requested	N	N
[deg] Pointing Roll	257.934884	258.0880875402435	[s] Primary exposure time	0.000000	0
[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)	237750632.184000	237749654.13873			
Observation start date	2005-07-14T17:49:28	2005-07-14T17:34:14			
[s] Observation end time (MET)	237755632.184000	237756368.91404			
Observation end date	2005-07-14T19:12:48	2005-07-14T19:26:08			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



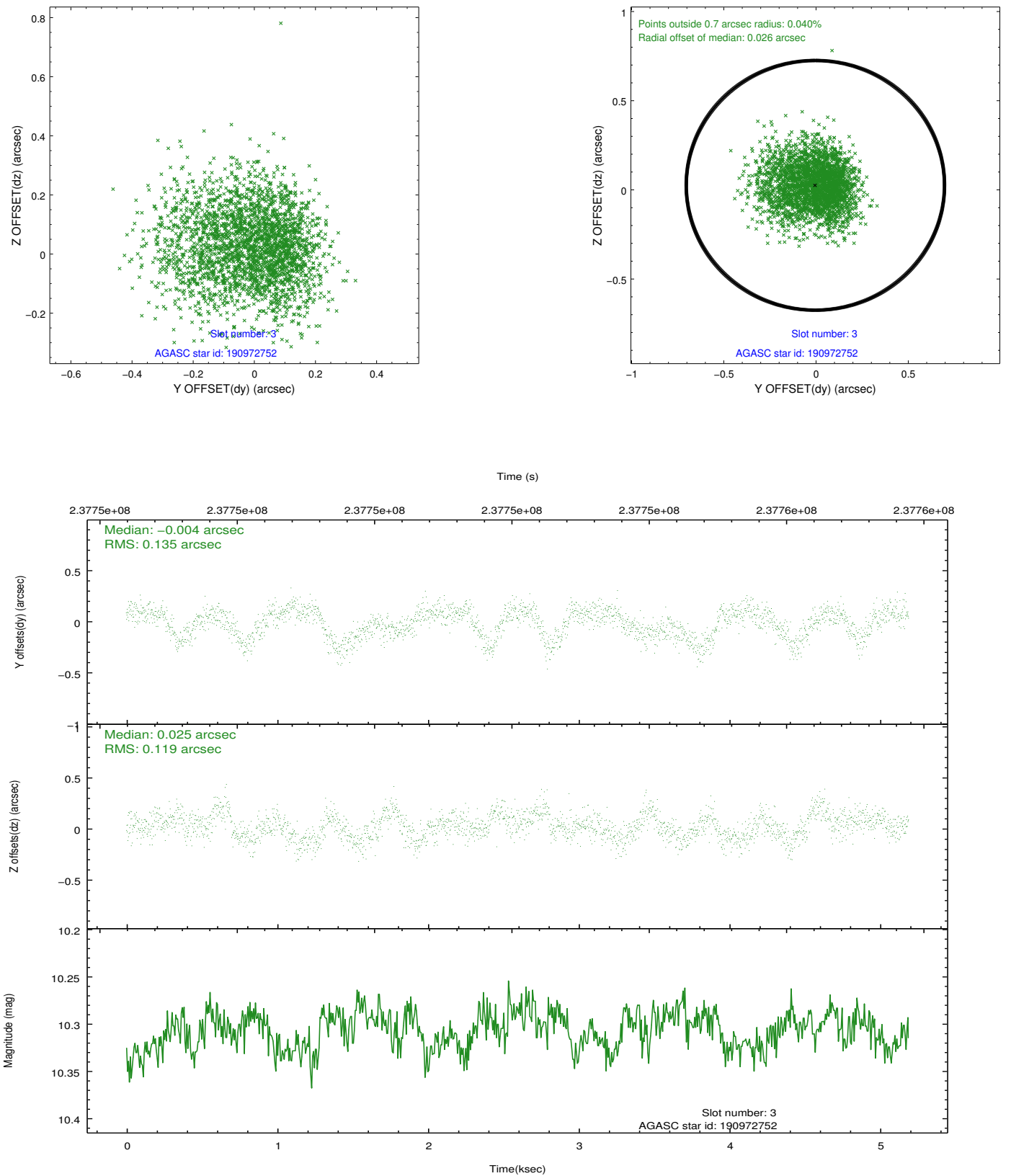


Slot Statistics

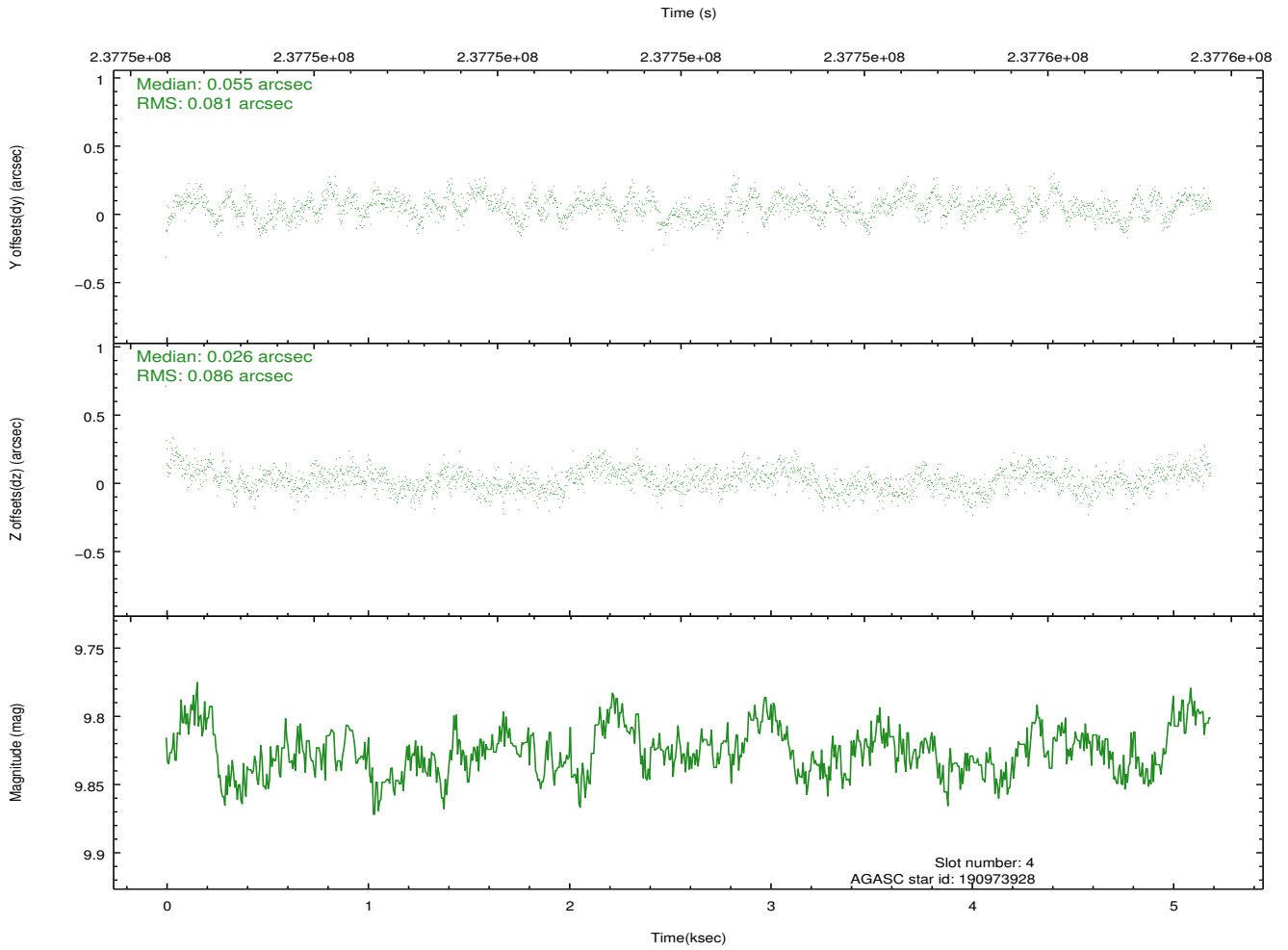
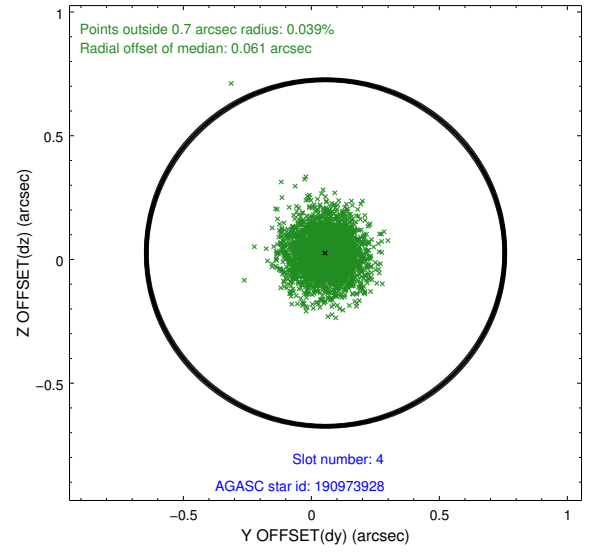
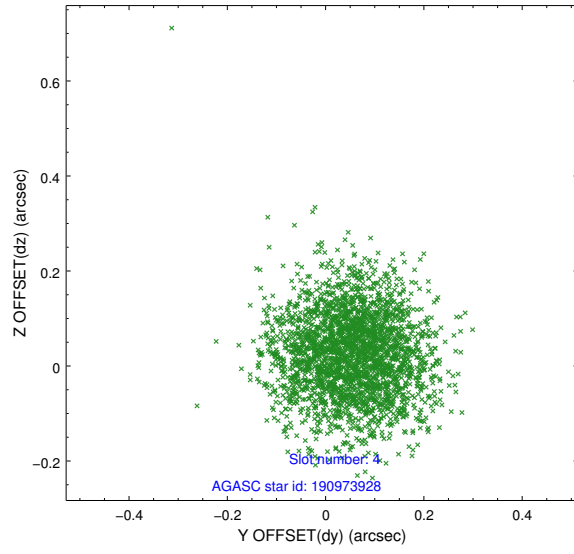
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1267	-0.026	-0.021	0.007	0.011	0.000000	0.000000	-759.47	-1733.43
1	FID	ACIS-S-4	7.20	1267	0.055	0.019	0.005	0.009	0.000000	0.000000	2153.37	173.87
2	FID	ACIS-S-5	7.23	1267	-0.060	0.012	0.007	0.012	0.000000	0.000000	-1810.83	168.89
3	GUIDE	190972752	10.31	2527	-0.004	0.025	0.191	0.312	197.567107	21.351082	146.91	1331.85
4	GUIDE	190973928	9.83	2532	0.055	0.026	0.125	0.199	197.904188	21.564389	-843.38	2272.58
5	GUIDE	190974376	6.80	2533	-0.193	-0.004	0.123	0.183	197.884749	21.918670	-2076.02	1937.50
6	GUIDE	190979840	10.32	2525	0.257	-0.069	0.251	0.403	197.337465	20.846267	2085.49	961.89
7	GUIDE	190973256	10.30	2527	-0.081	0.018	0.166	0.287	198.013696	21.966947	-2336.83	2320.59

2.4 Star Slots

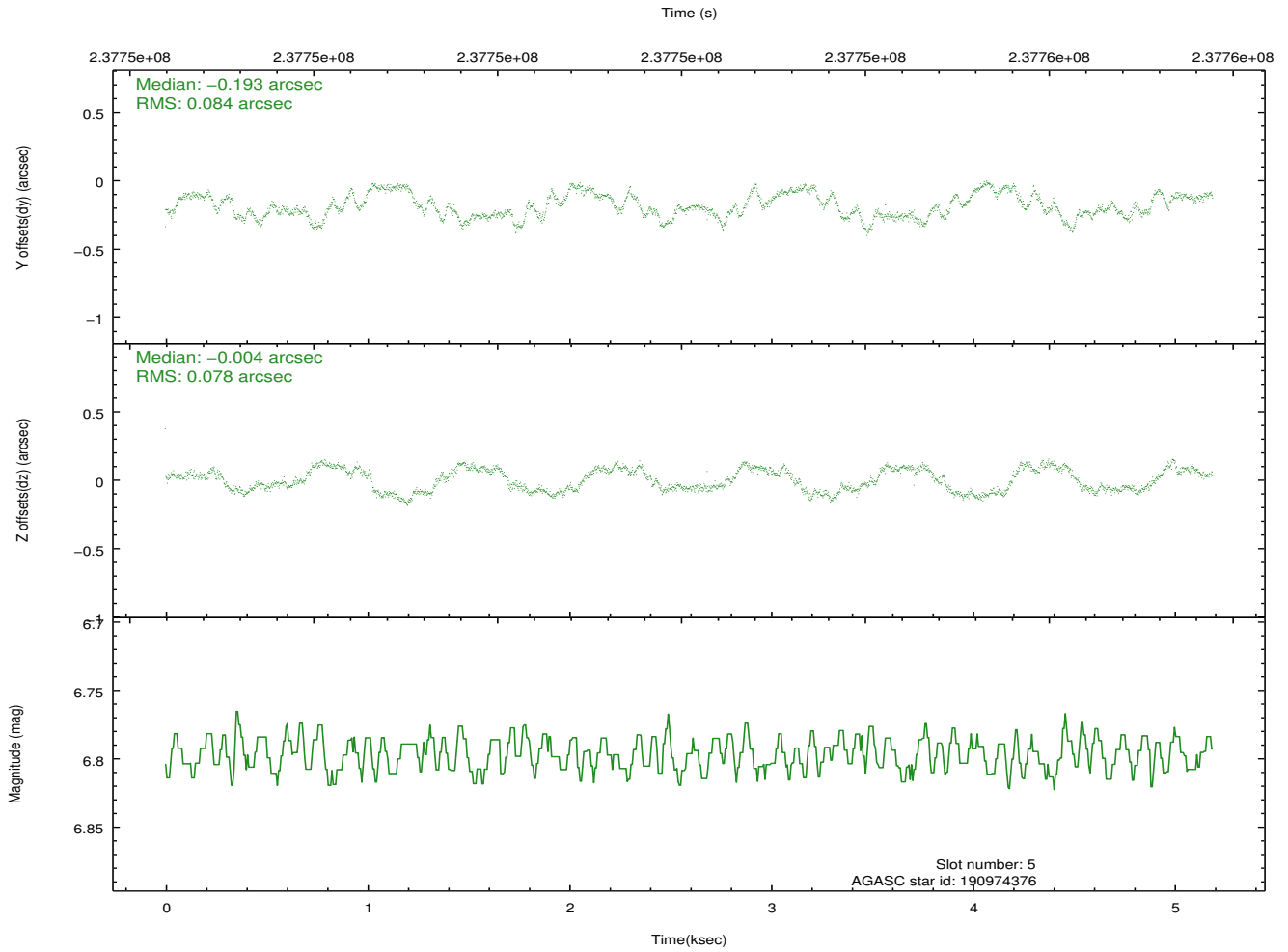
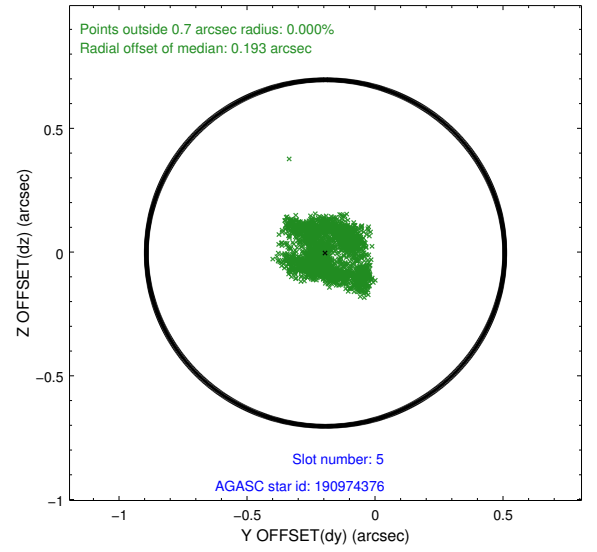
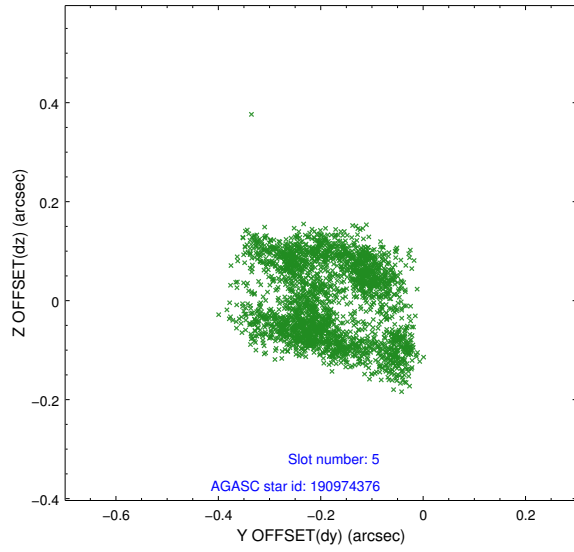
2.4.1 Slot 3



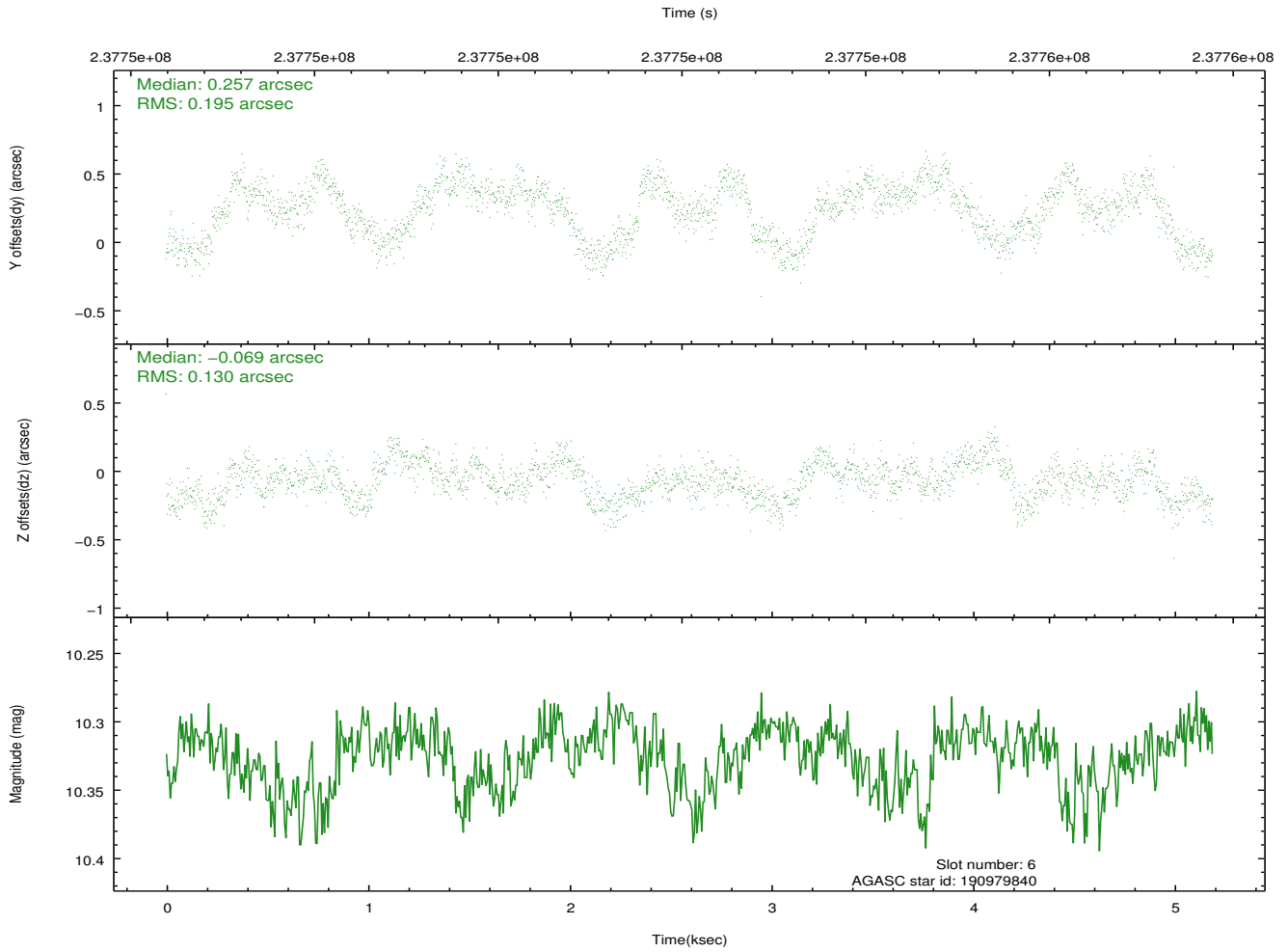
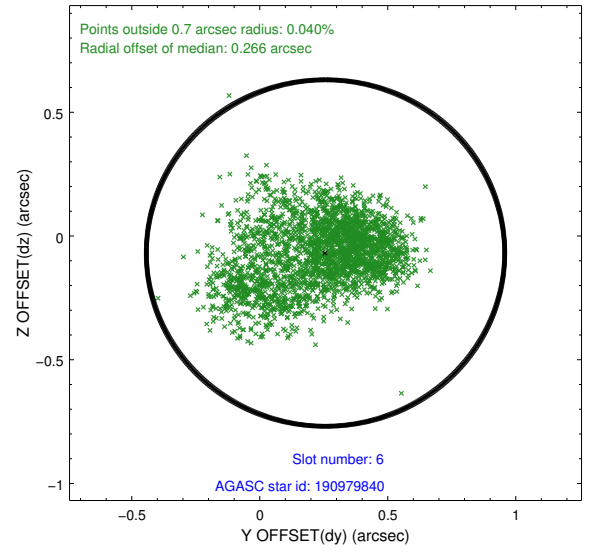
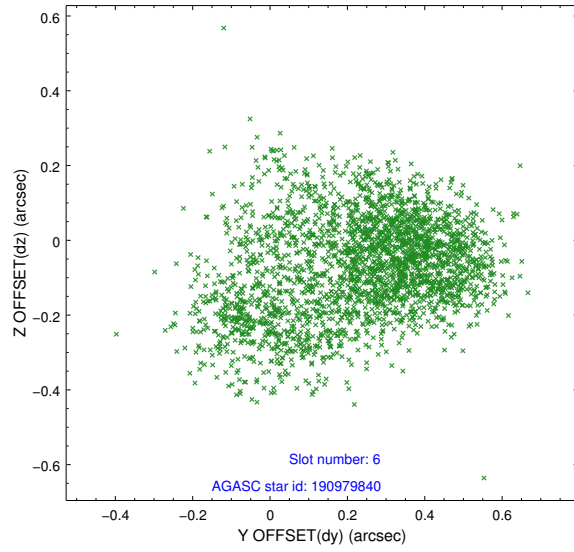
2.4.2 Slot 4



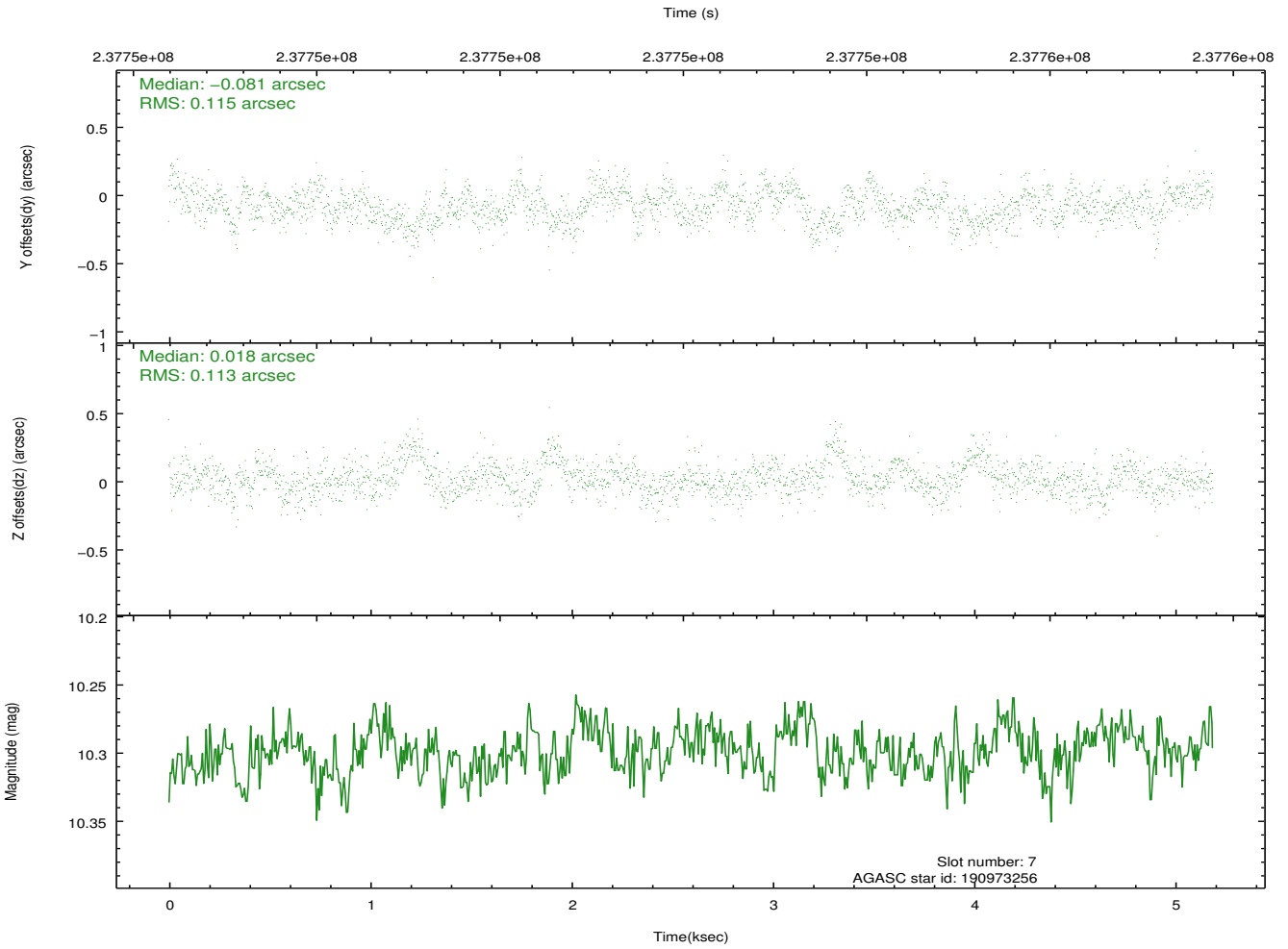
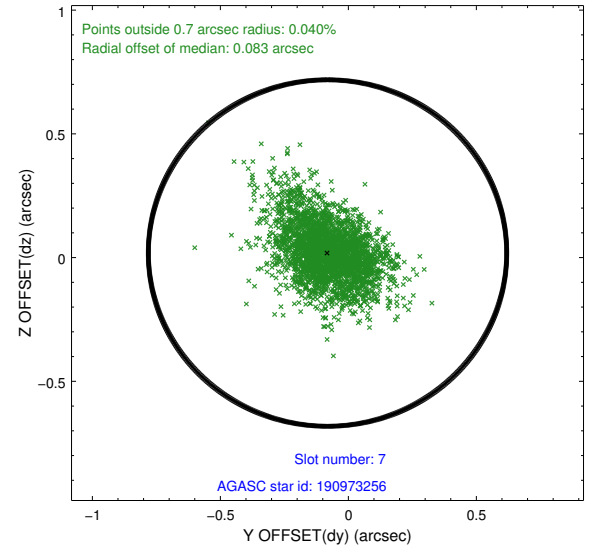
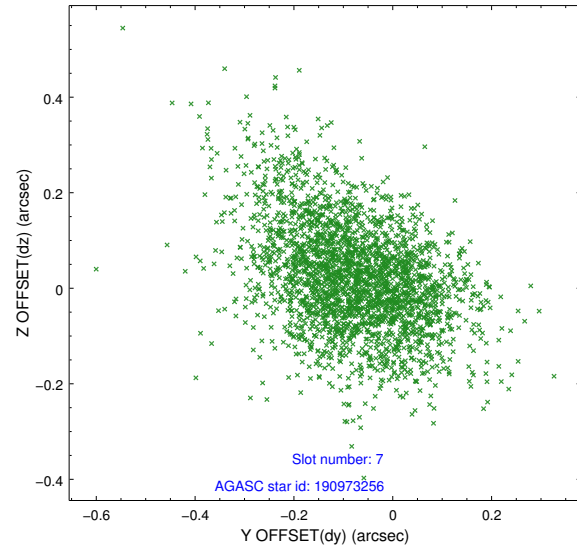
2.4.3 Slot 5



2.4.4 Slot 6

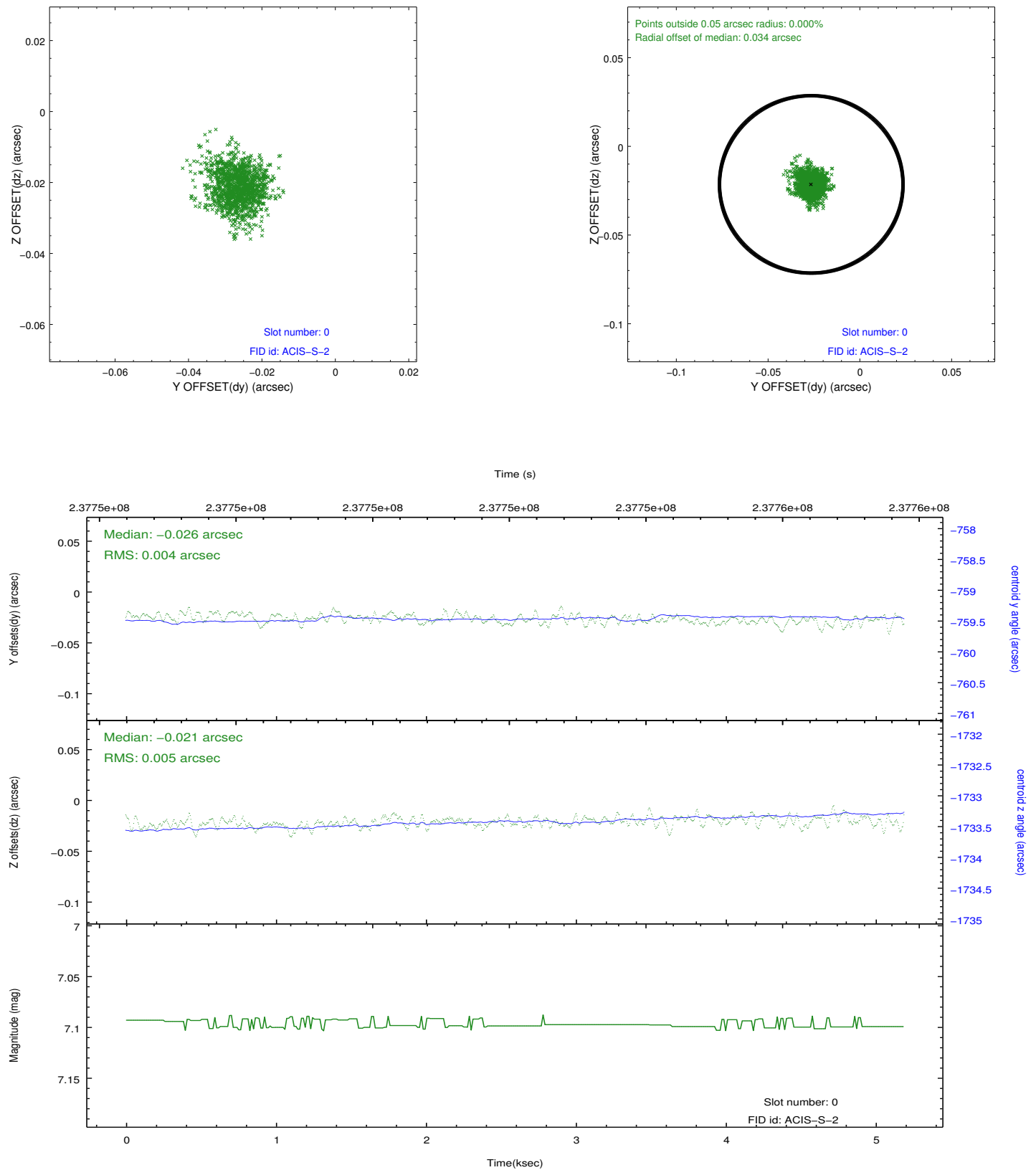


2.4.5 Slot 7

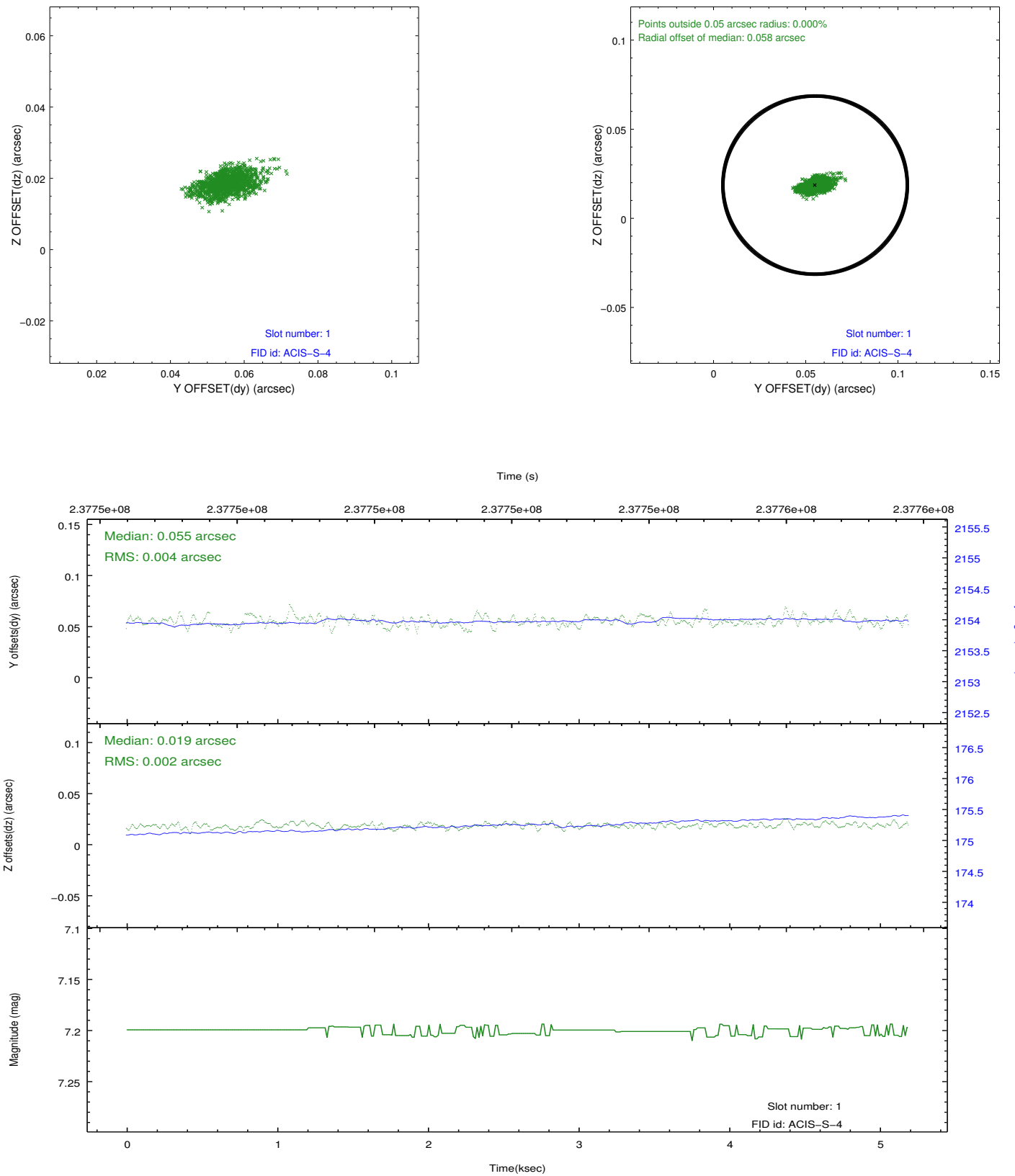


2.5 FID Slots

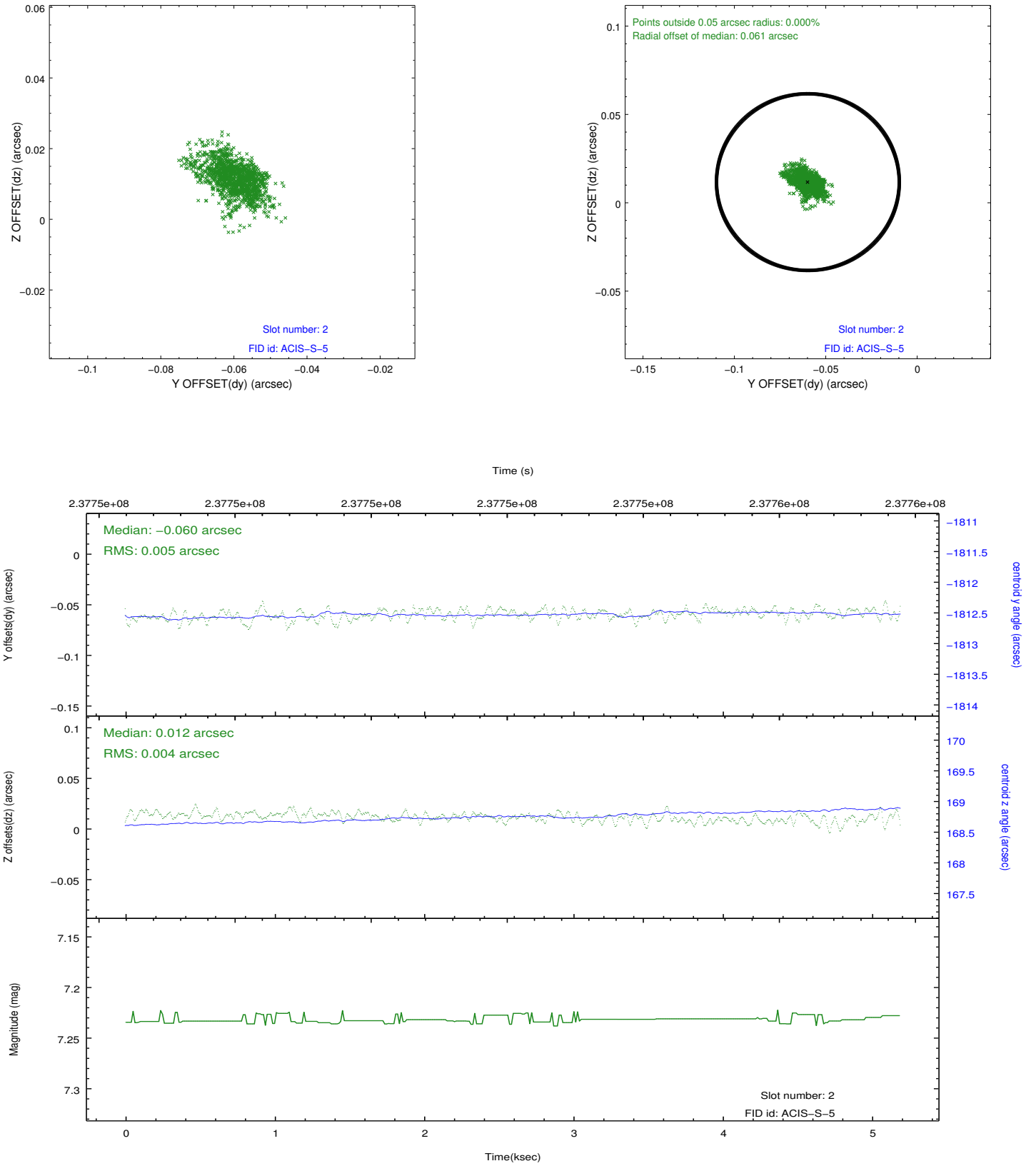
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18575

A.2 Comments