

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7279 - L2 Version 4
Chandra X-Ray Center

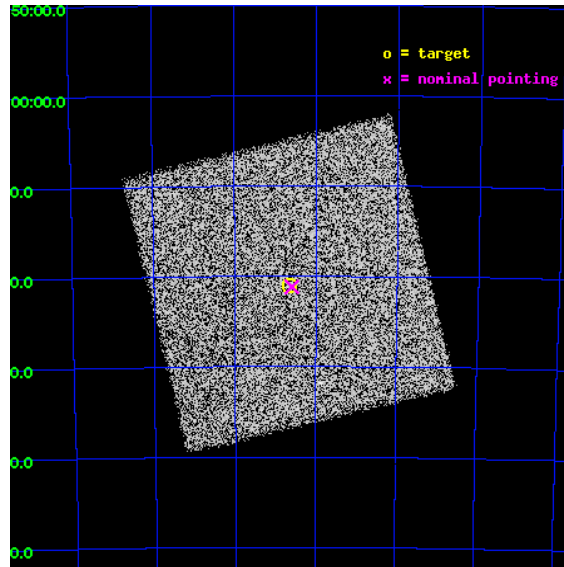
L2 Processing Date : Aug 10 2012

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1 Front

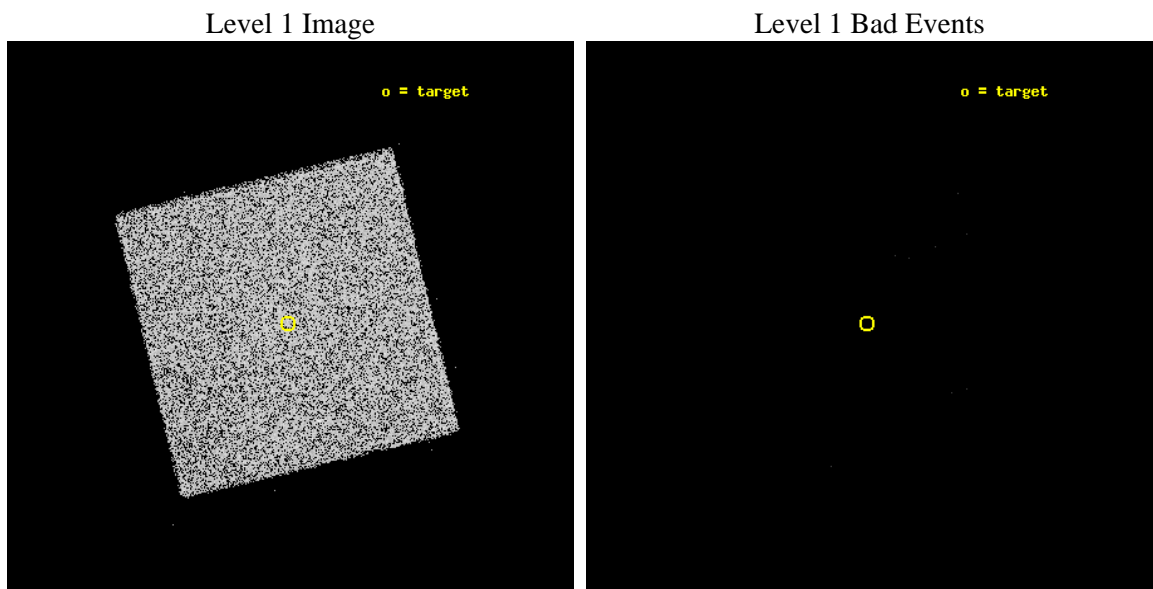
seq_num	400560	Sequence number
obs_id	7279	Observation id
title	Discovering X-ray pulsars in the Wing of the Small Magellanic Cloud	
observer	Prof Malcolm Coe	Principal investigator
object	SXP4.78	Source name
ra_targ	13.16125	Observer's specified target RA [deg]
dec_targ	-72.35111	Observer's specified target Dec [deg]
ra_nom	13.148336177623	Nominal RA [deg]
dec_nom	-72.352712499562	Nominal Dec [deg]
roll_nom	211.50753854266	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1161.3250540197	[s]
livetime	1151.8517206279	Ontime multiplied by DTCOR
l2events	50913	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1161.3250540197	[s]
caldsver	4.5.1.1	 	l1events	141803	Number of level 1 events
date	2012-08-11T02:20:13	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

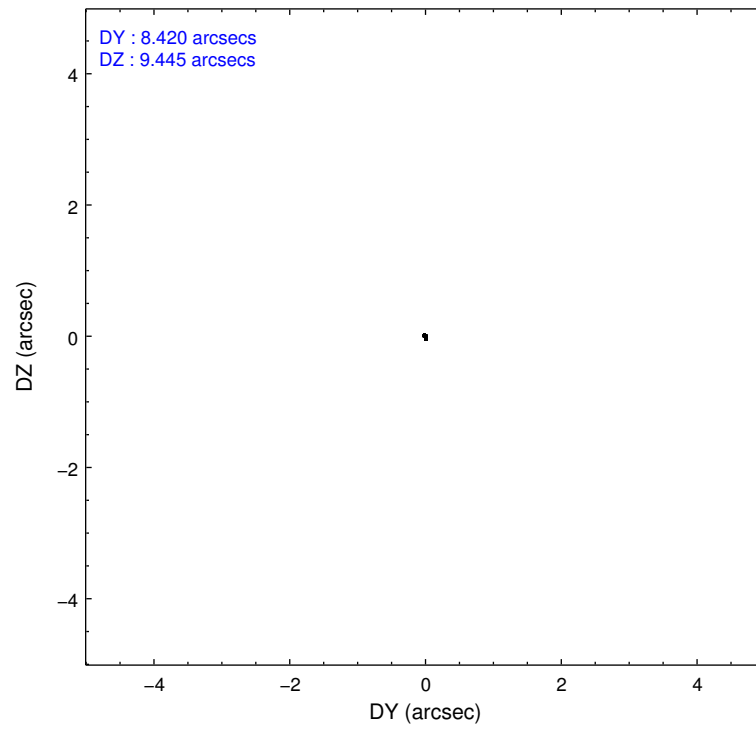
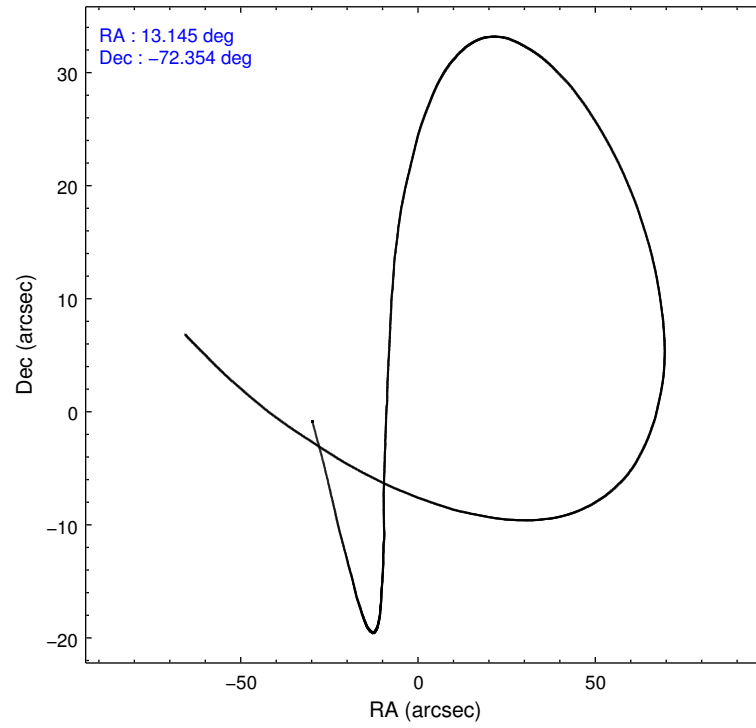
	segment 0
level 1 events	141803
rejected events	65215
rejected %	45%

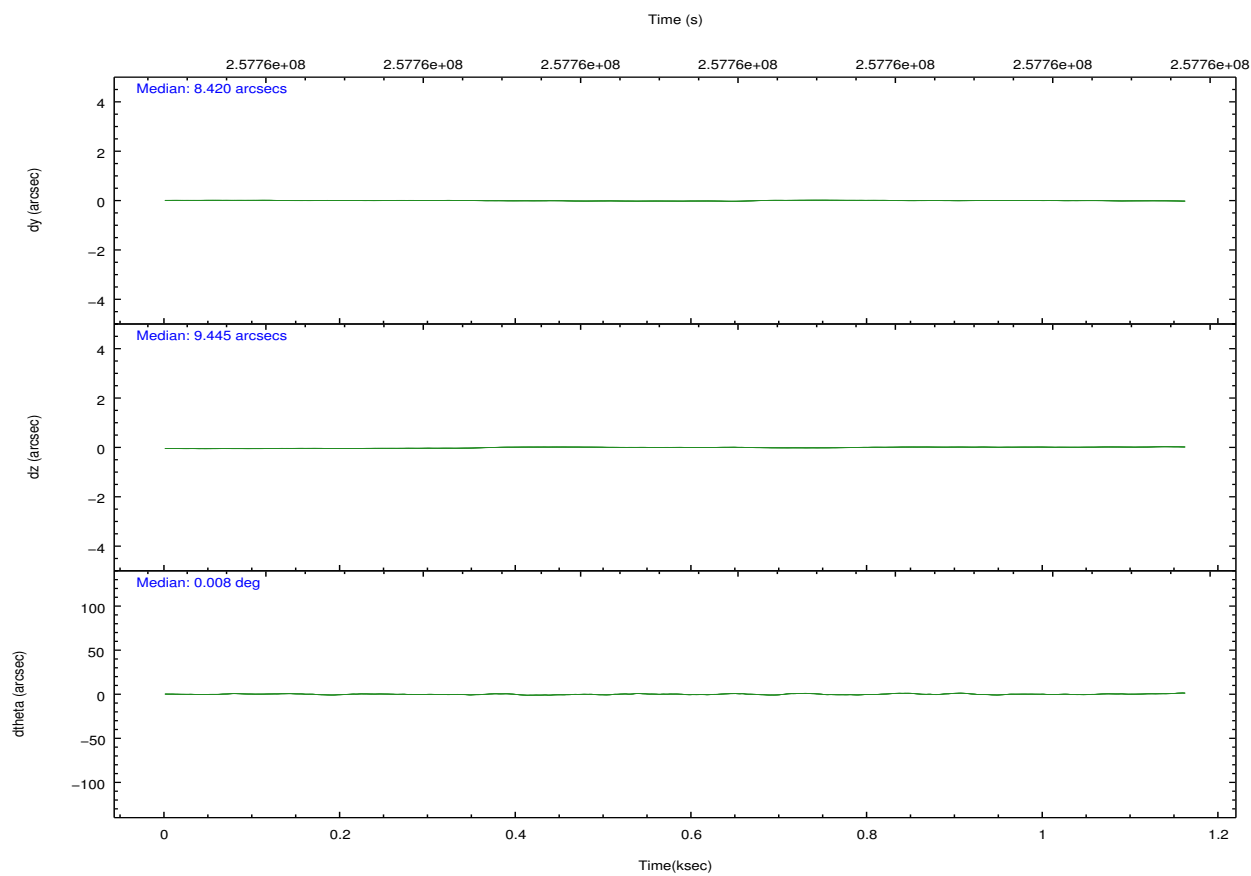
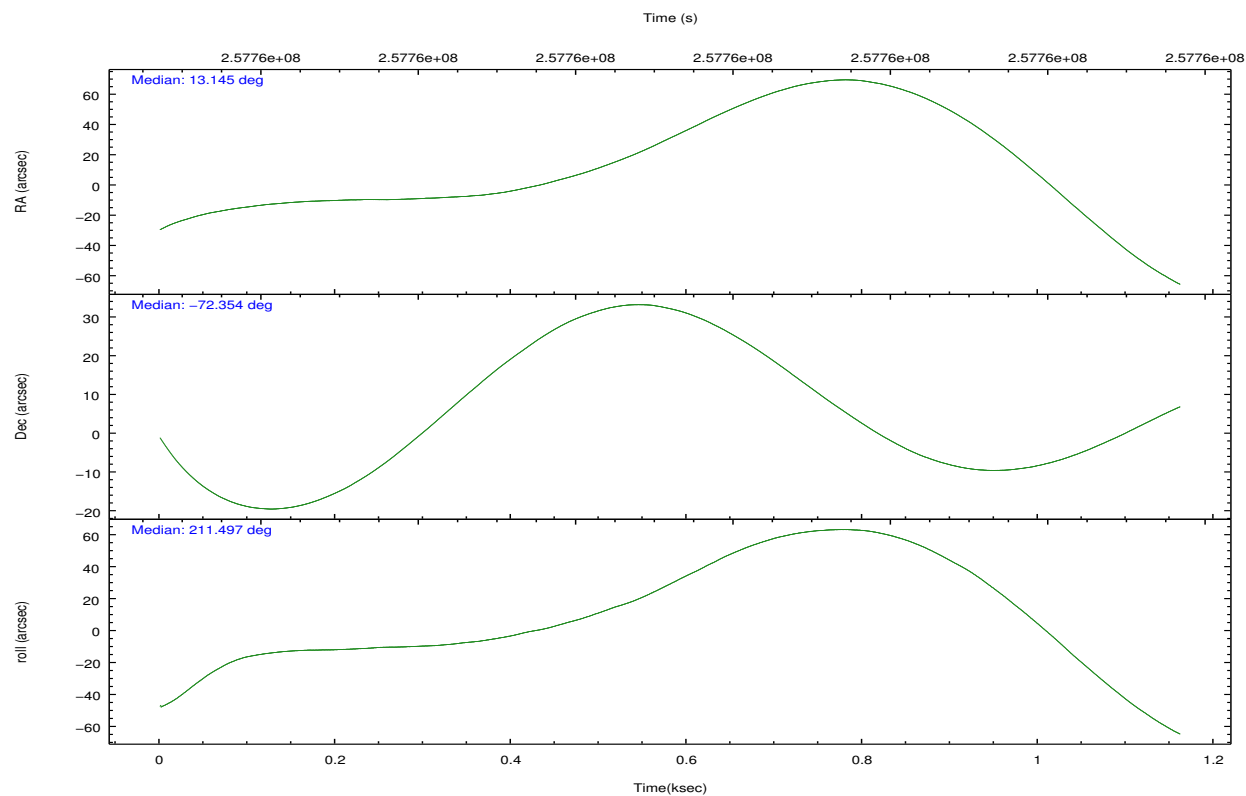
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	13.188425	13.14833617762295
[deg] Pointing Dec	-72.327634	-72.3527124995622
[deg] Pointing Roll	211.641441	211.5075385426632
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	257763299.184000	257762153.27443
Observation start date	2006-03-03T08:53:54	2006-03-03T08:35:53
[s] Observation end time (MET)	257764299.184000	257764523.07454
Observation end date	2006-03-03T09:10:34	2006-03-03T09:15:23

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



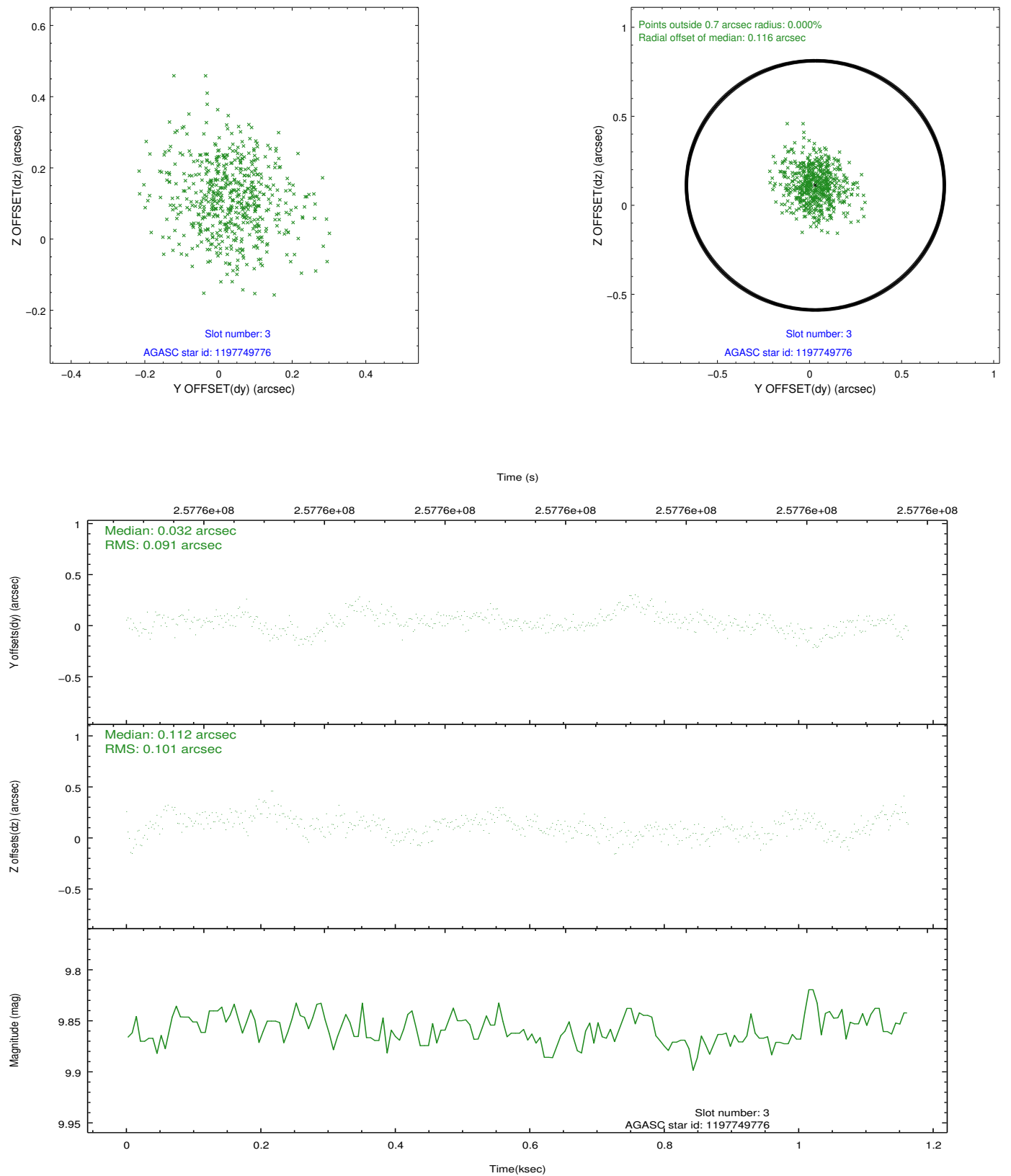


Slot Statistics

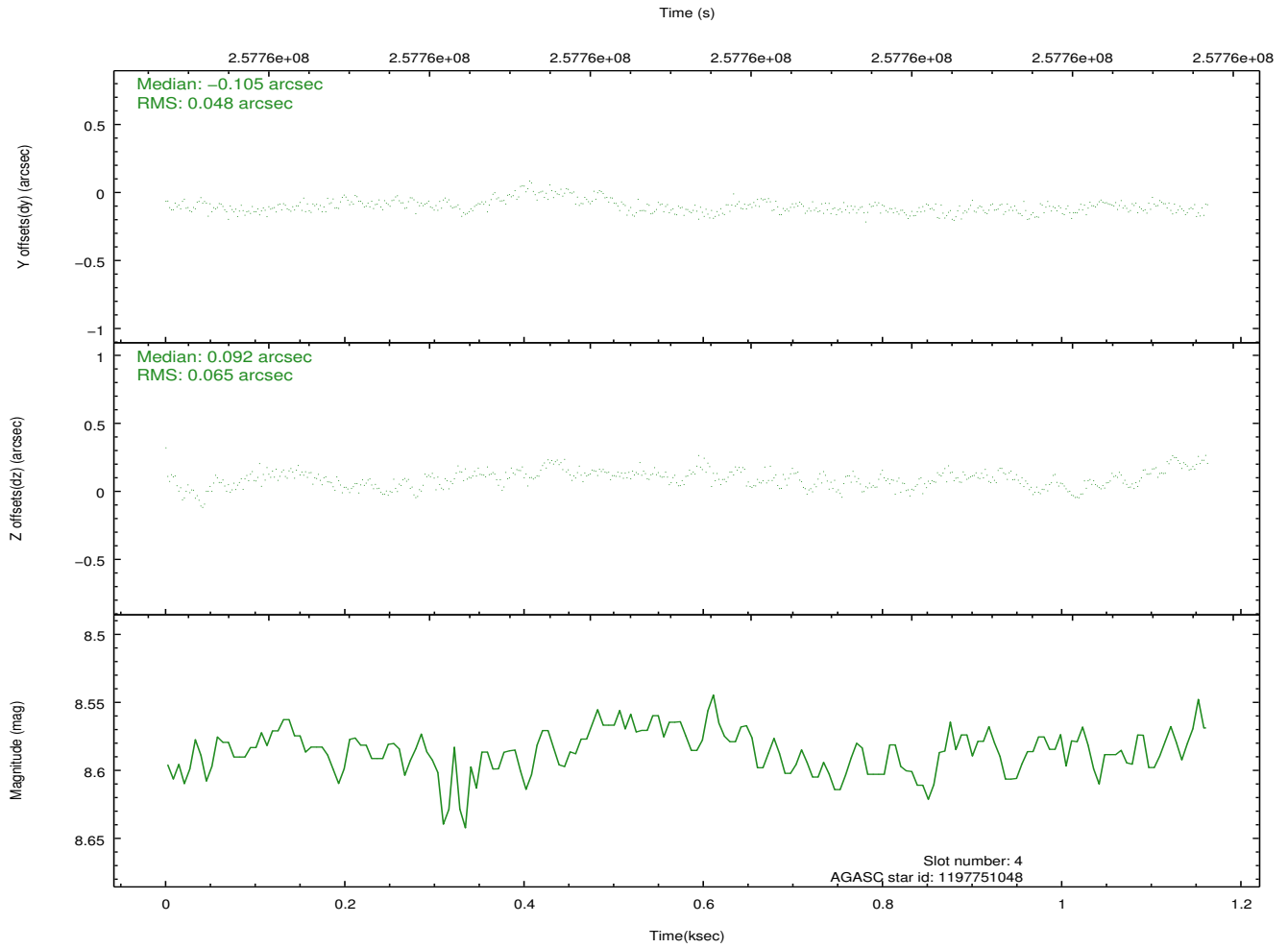
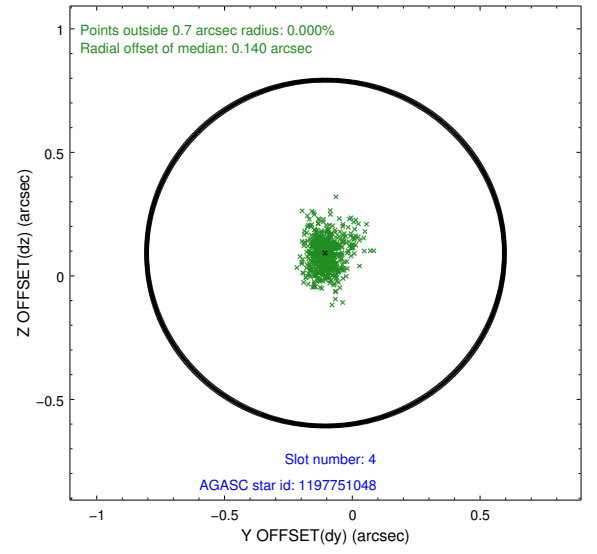
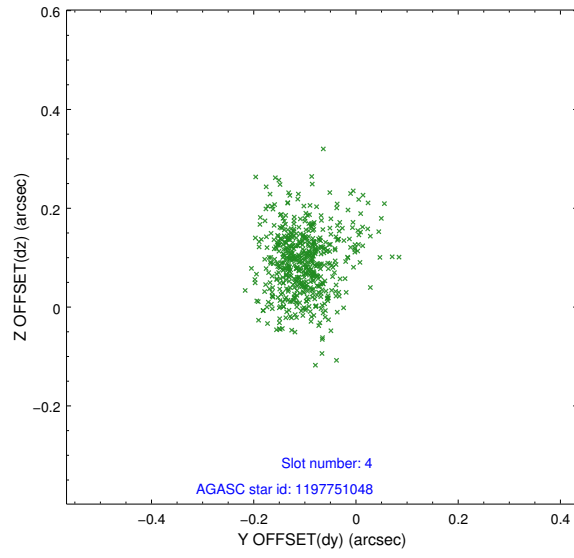
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	284	-0.033	0.038	0.007	0.010	0.000000	0.000000	-764.05	-1297.38
1	FID	HRC-I-2	7.03	284	0.157	-0.095	0.006	0.009	0.000000	0.000000	846.08	-1303.62
2	FID	HRC-I-3	7.09	284	-0.004	-0.032	0.005	0.008	0.000000	0.000000	-1189.57	1002.52
3	GUIDE	1197749776	9.86	566	0.032	0.112	0.143	0.238	12.674349	-72.322893	470.10	-310.12
4	GUIDE	1197751048	8.59	568	-0.105	0.092	0.084	0.147	12.451586	-72.130600	323.41	-1030.12
5	GUIDE	1198192408	9.42	568	0.029	-0.030	0.109	0.180	12.860639	-72.678863	962.39	888.31
6	GUIDE	1198189696	7.37	568	-0.015	-0.232	0.074	0.108	15.223750	-72.697522	-1136.67	2306.32
7	GUIDE	1197749664	9.57	565	0.058	0.052	0.115	0.189	15.809015	-72.366369	-2329.61	1671.26

2.4 Star Slots

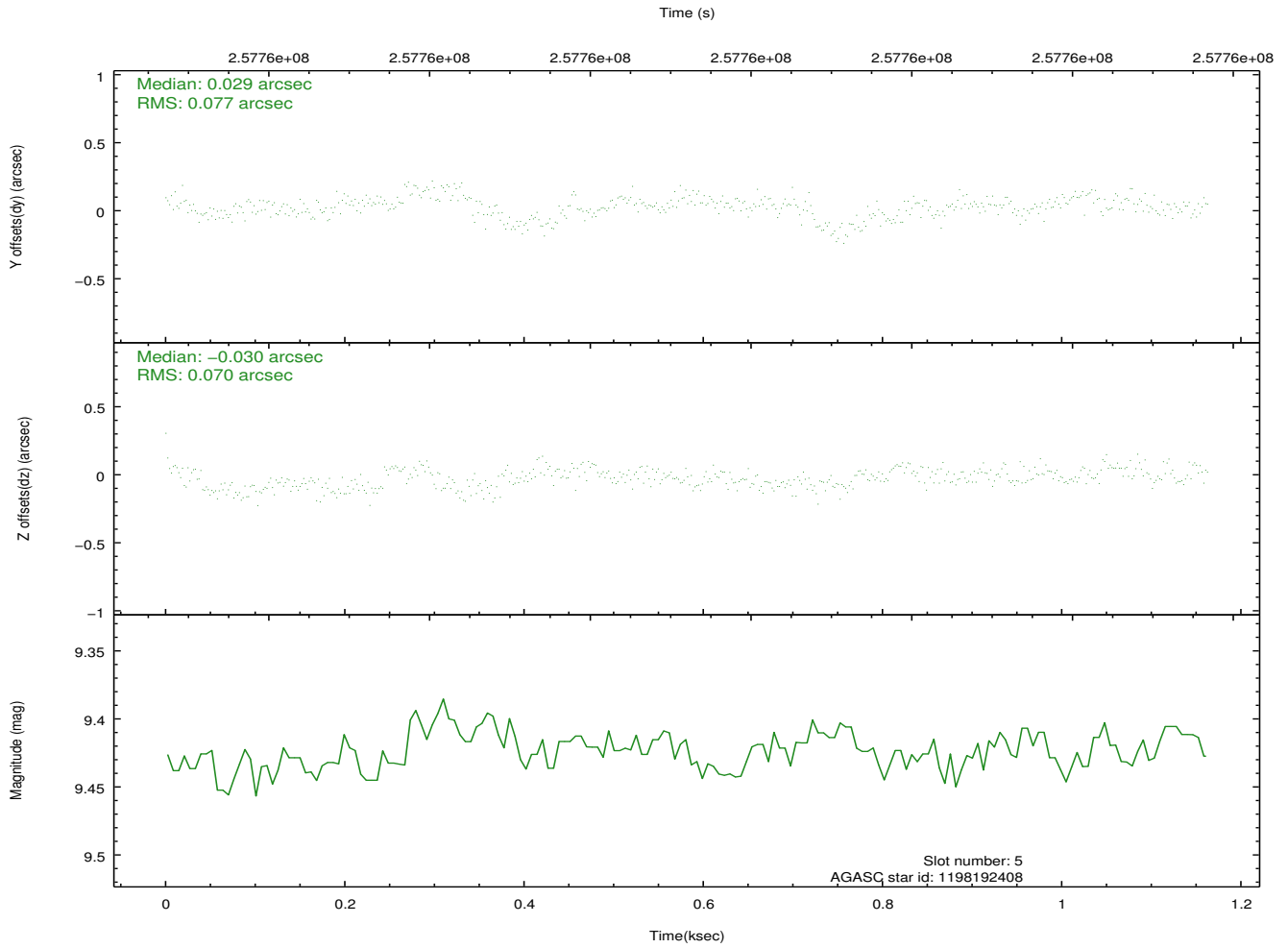
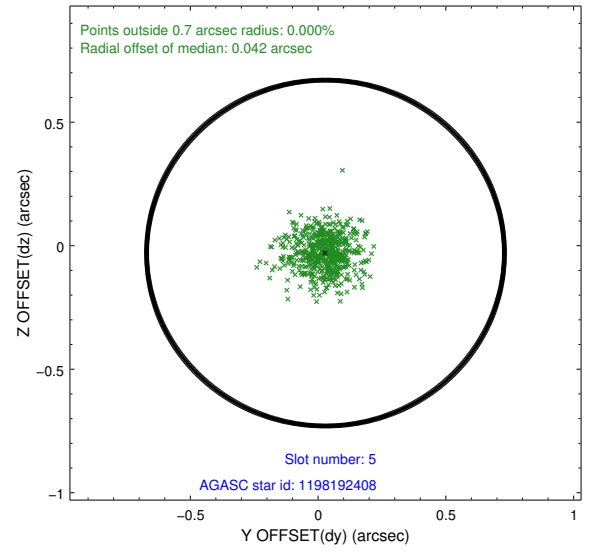
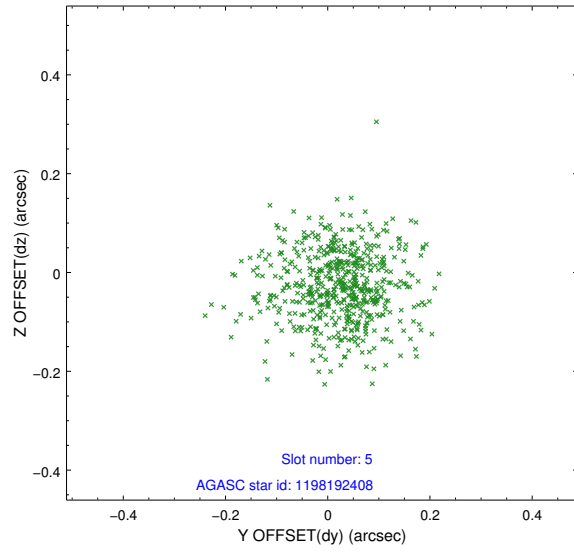
2.4.1 Slot 3



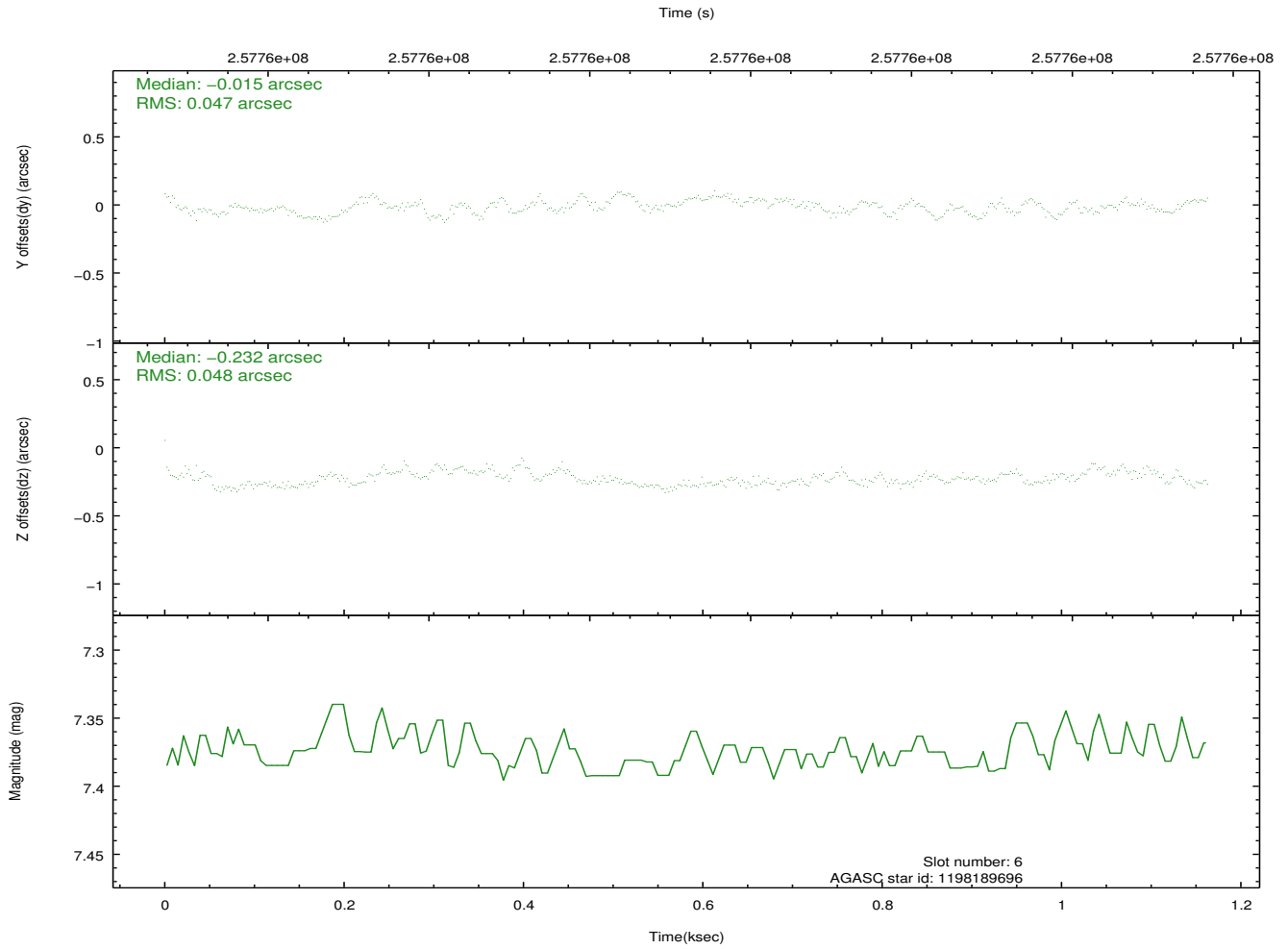
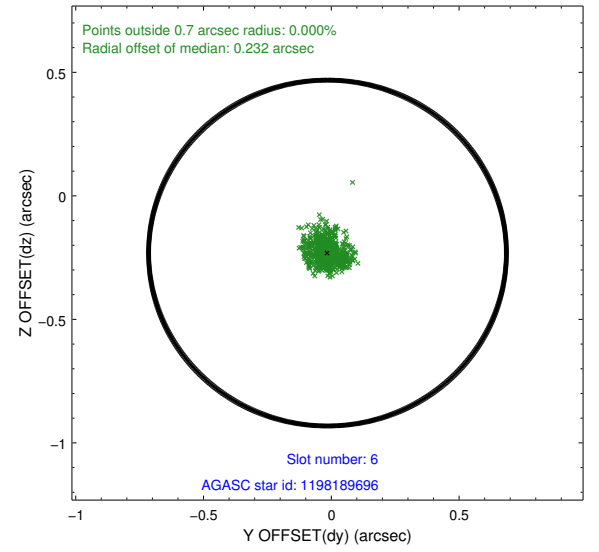
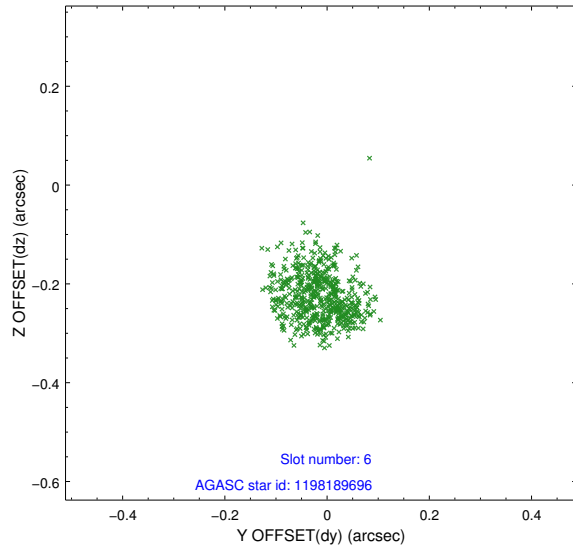
2.4.2 Slot 4



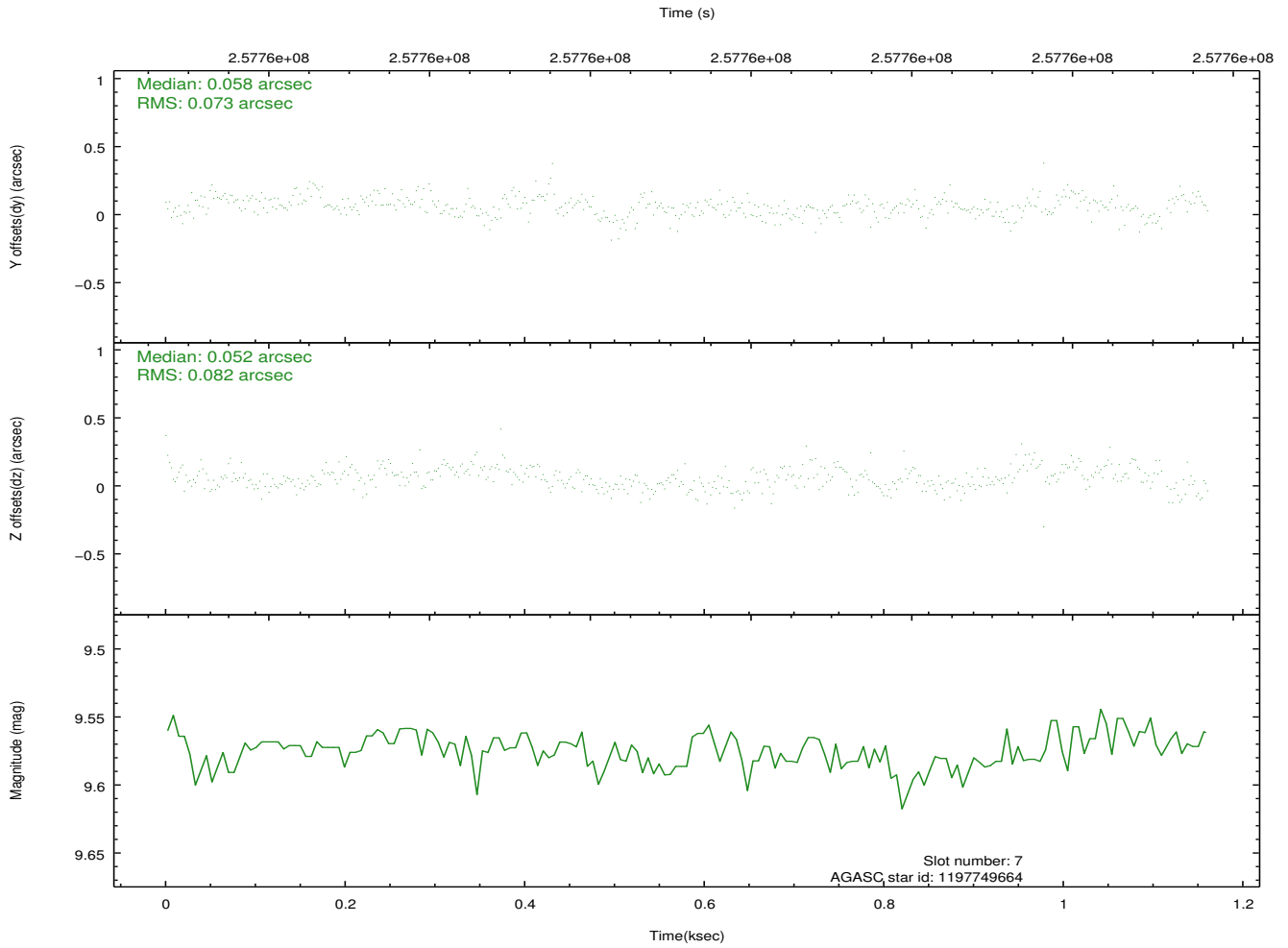
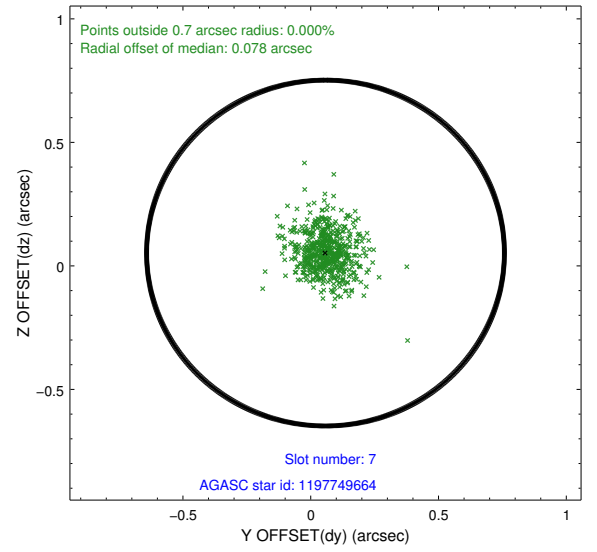
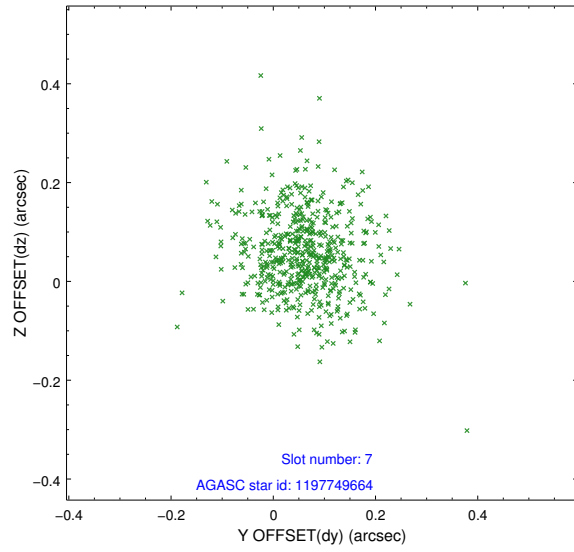
2.4.3 Slot 5



2.4.4 Slot 6

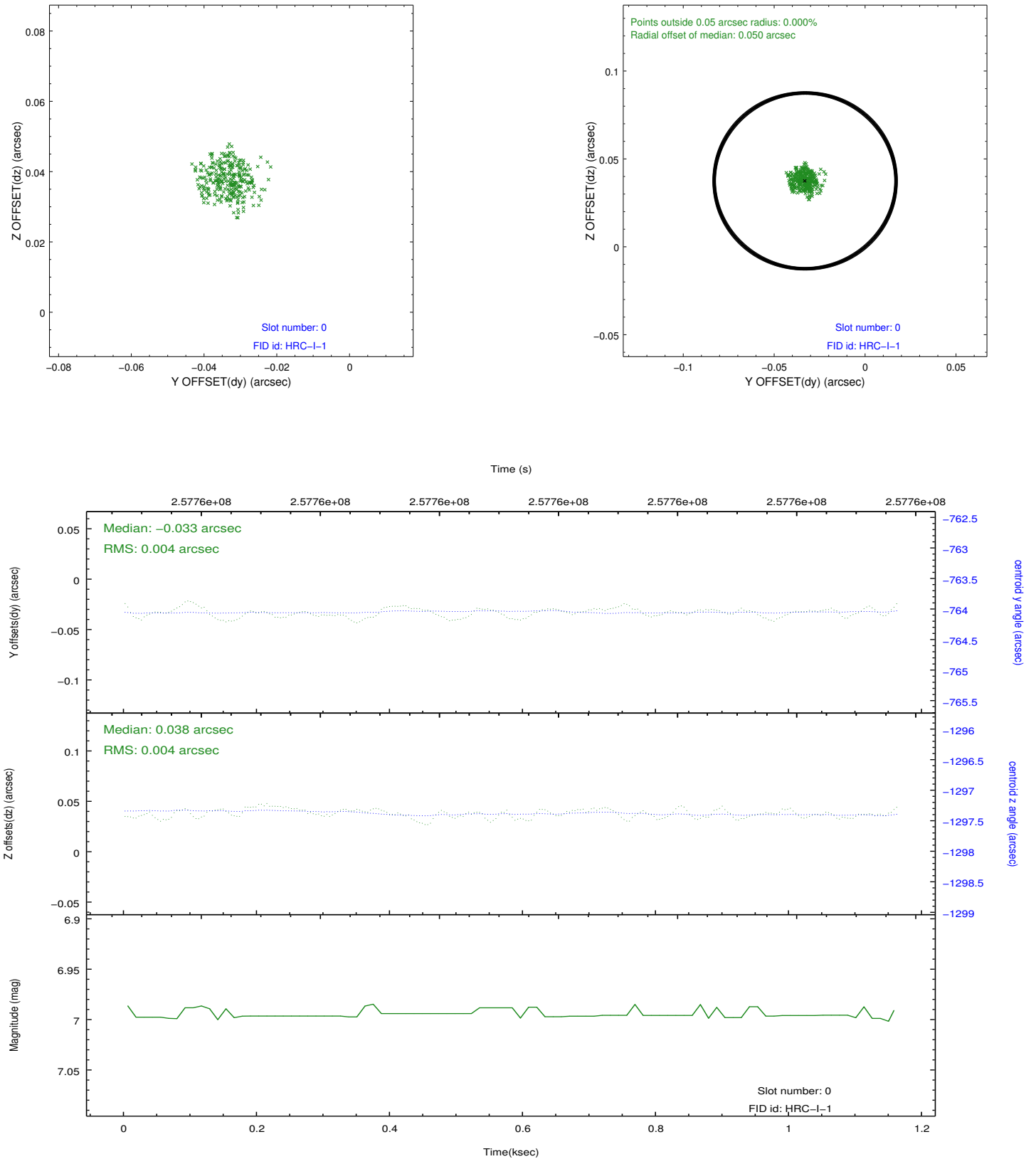


2.4.5 Slot 7

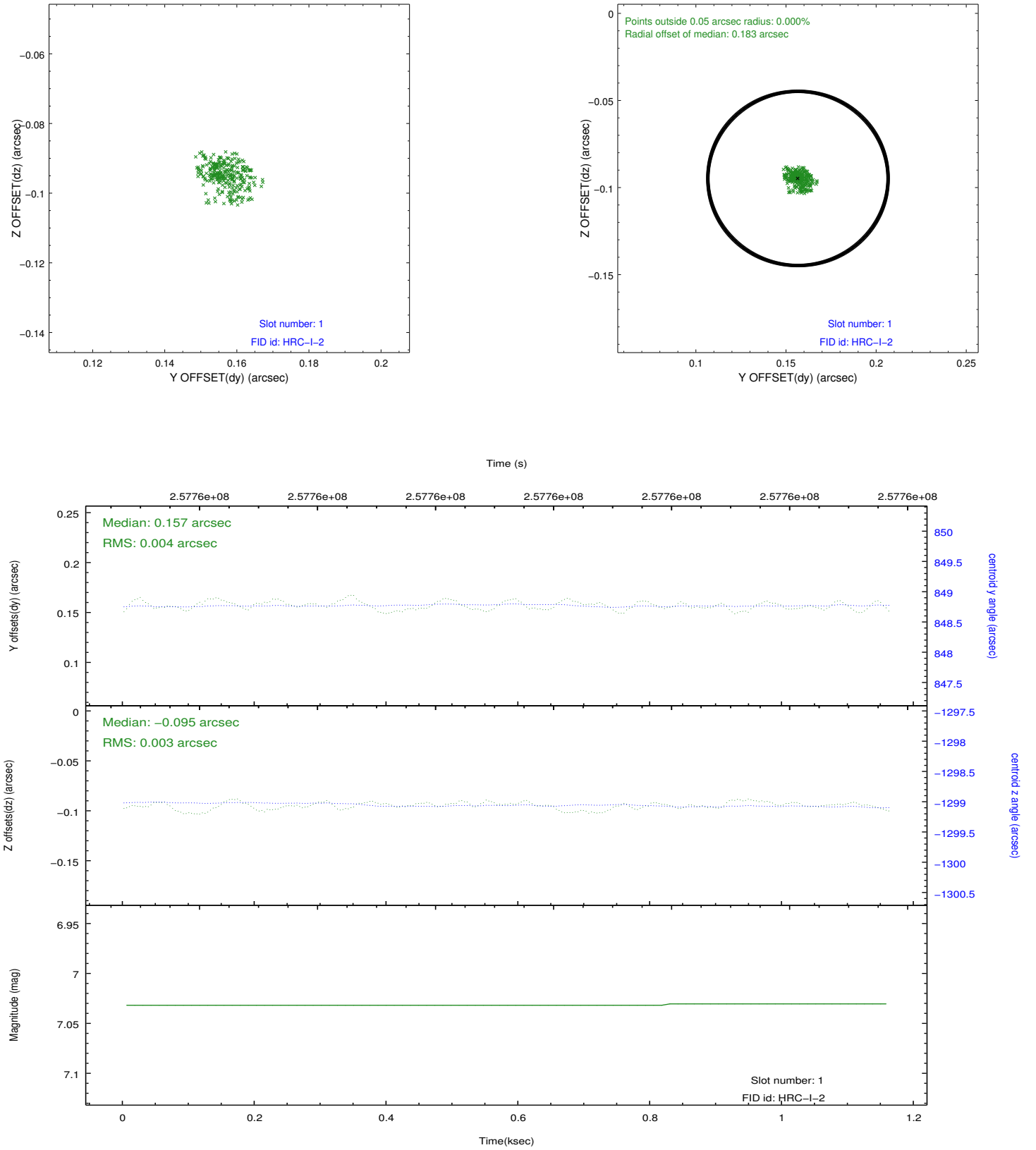


2.5 FID Slots

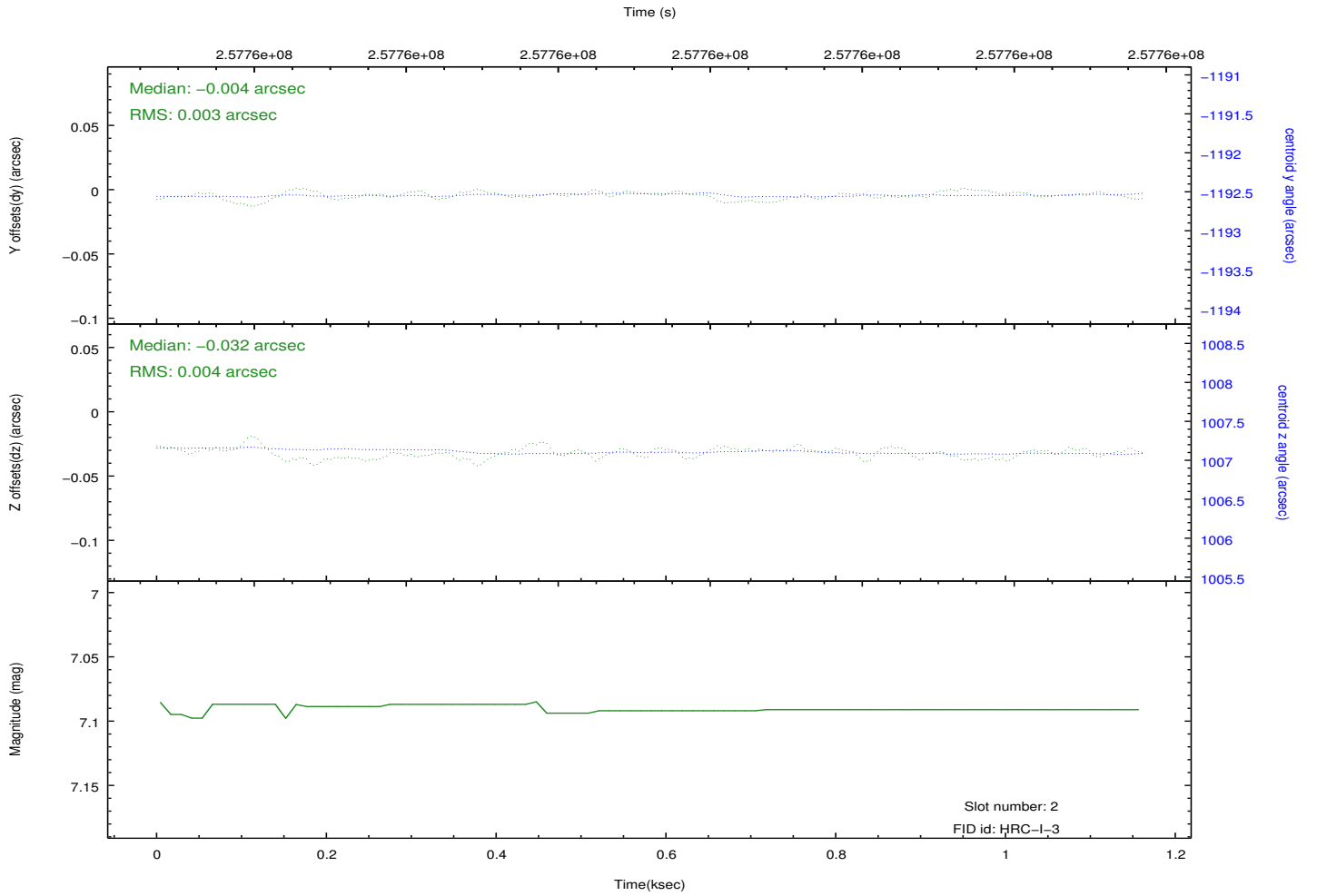
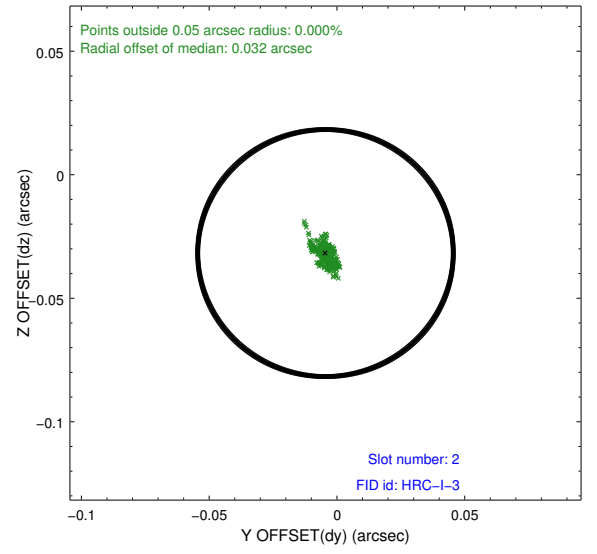
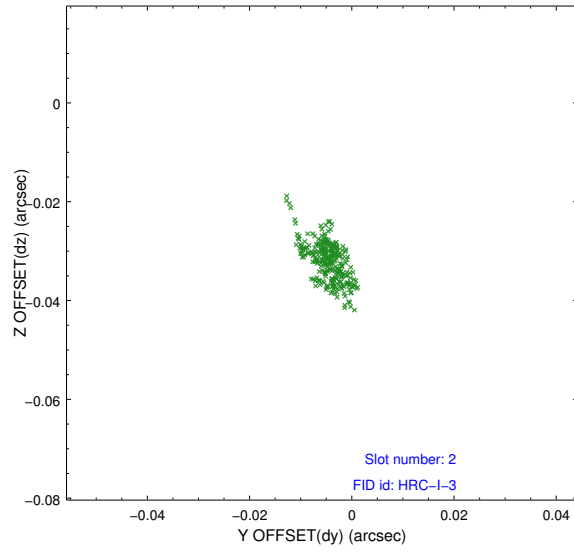
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1615813

A.2 Comments