

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1964 - L2 Version 5
Chandra X-Ray Center

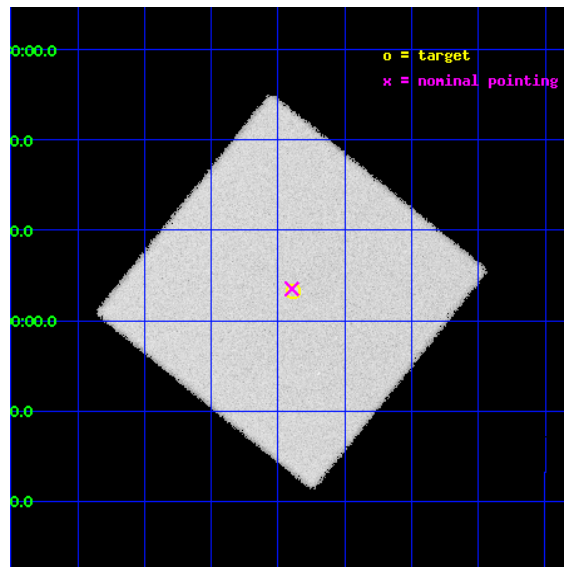
L2 Processing Date : Oct 3 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

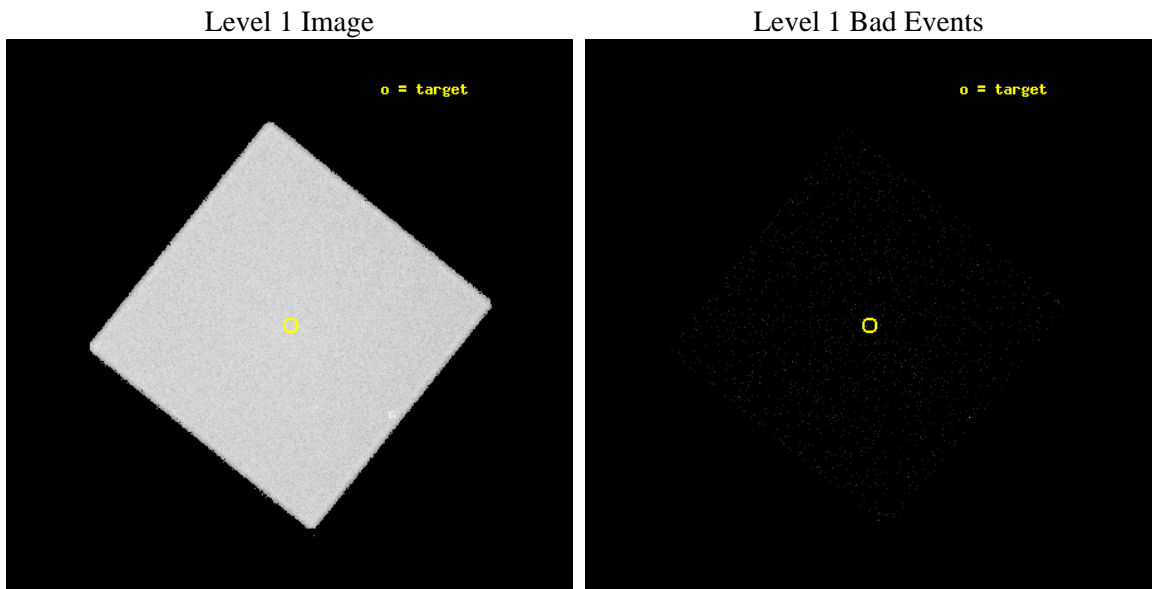
seq_num	500141	Sequence number
obs_id	1964	Observation id
title	CHANDRA DETAILED SPATIAL STUDY OF THE ``ANOMALOUS" X--RAY PULSARS	
observer	Dr. Gianluca Israel	Principal investigator
object	AX J1844-02	Source name
ra_targ	281.222083	Observer's specified target RA [deg]
dec_targ	-2.945	Observer's specified target Dec [deg]
ra_nom	281.22407039775	Nominal RA [deg]
dec_nom	-2.9413366821164	Nominal Dec [deg]
roll_nom	83.895338329536	Nominal Roll [deg]
revision	5	Processing version of data
ontime	19687.432046235	[s]
livetime	19581.704925662	Ontime multiplied by DTCOR
l2events	528097	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	4	Obi number	sched_exp_time	19582.449000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19687.432046235	[s]
caldbver	4.5.2	 	l1events	845597	Number of level 1 events
date	2012-10-03T03:32:48	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

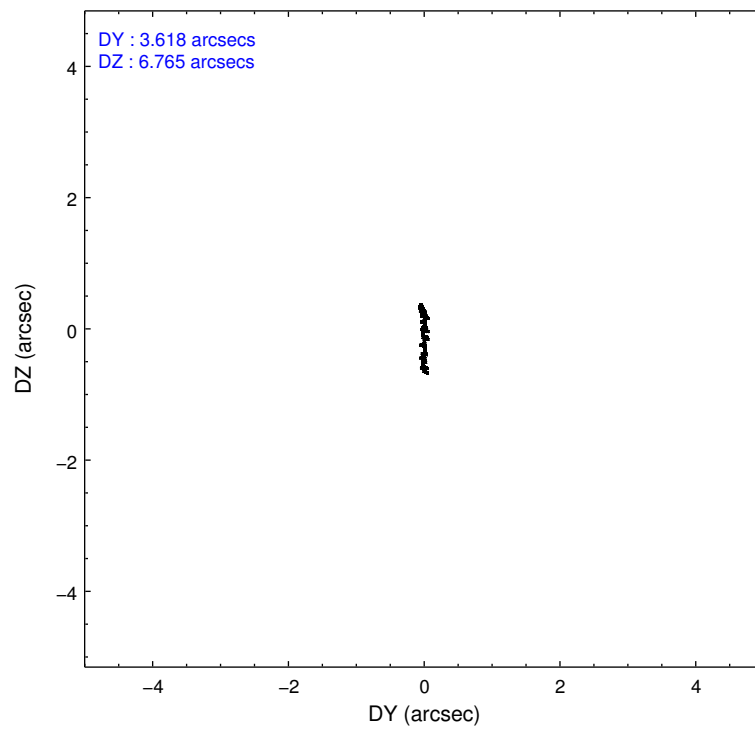
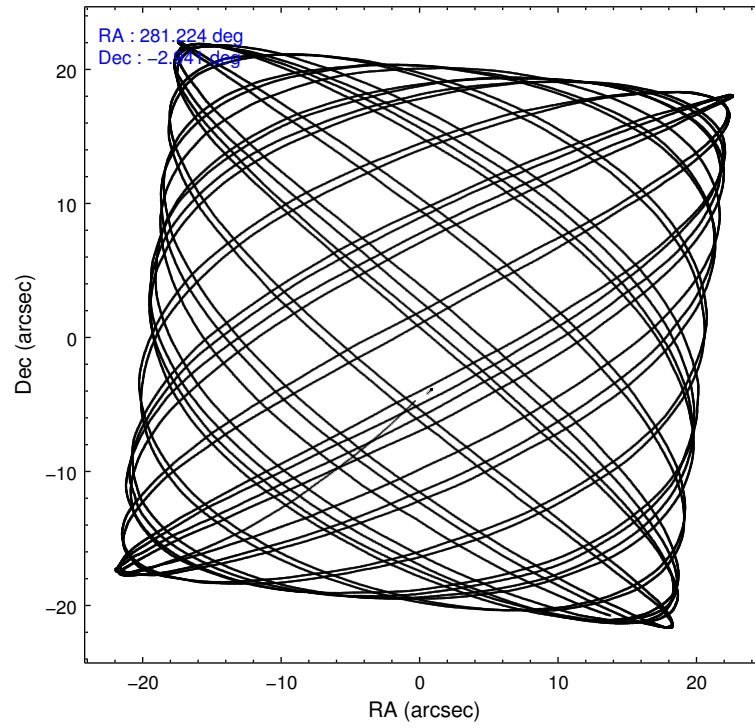
Level 1 Events

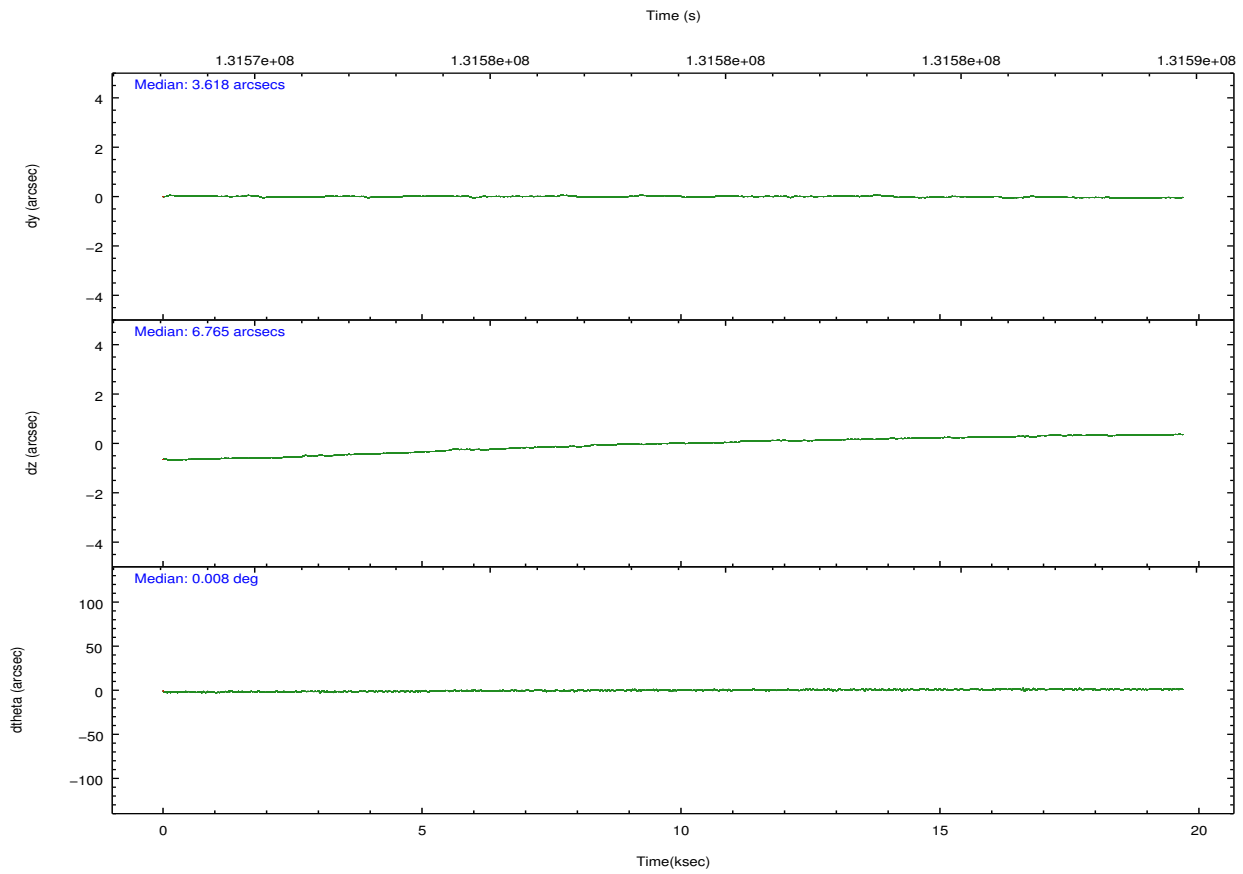
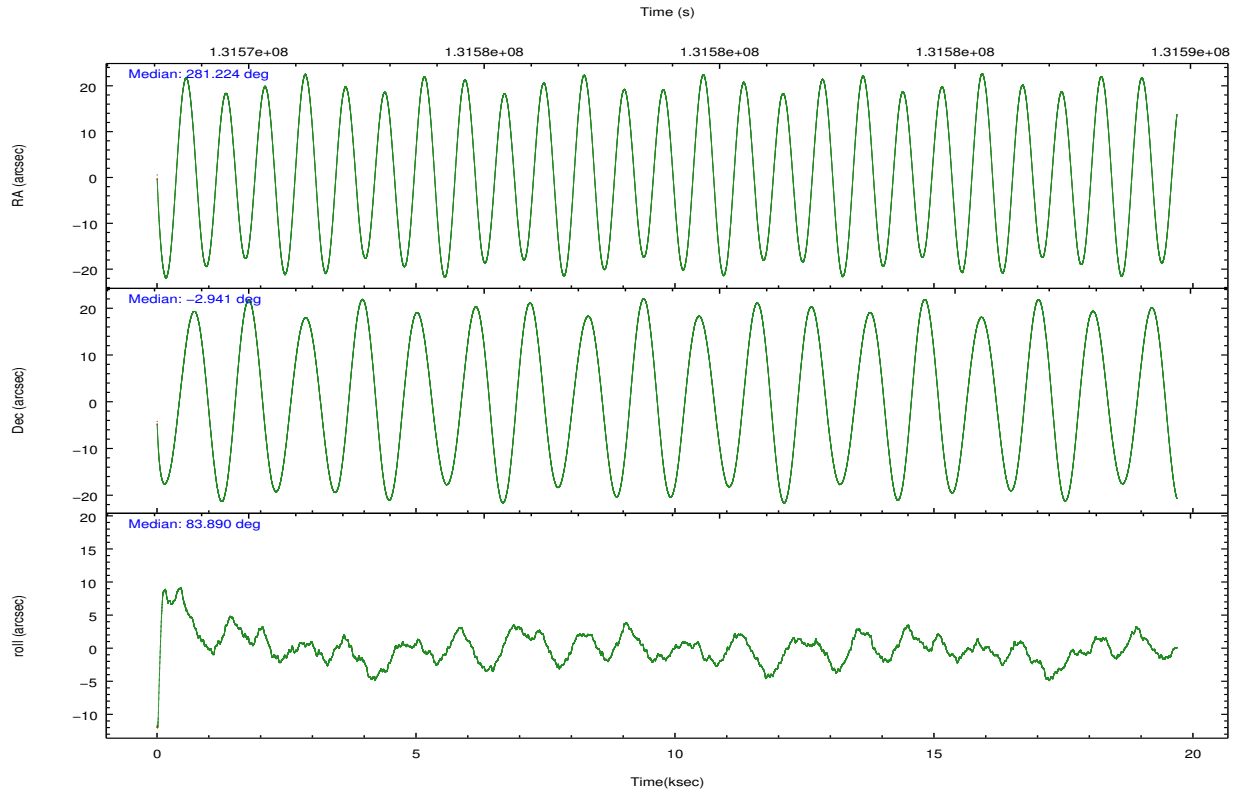
	segment 0
level 1 events	845597
rejected events	47088
rejected %	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	281.235654	281.2240703977478			
[deg] Pointing Dec	-2.965867	-2.941336682116443			
[deg] Pointing Roll	83.991435	83.89533832953627			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	131569149.184000	131568191.38949			
Observation start date	2002-03-03T18:58:05	2002-03-03T18:43:11			
[s] Observation end time (MET)	131588732.184000	131589046.55284			
Observation end date	2002-03-04T00:24:28	2002-03-04T00:30:46			

2.3 Aspect



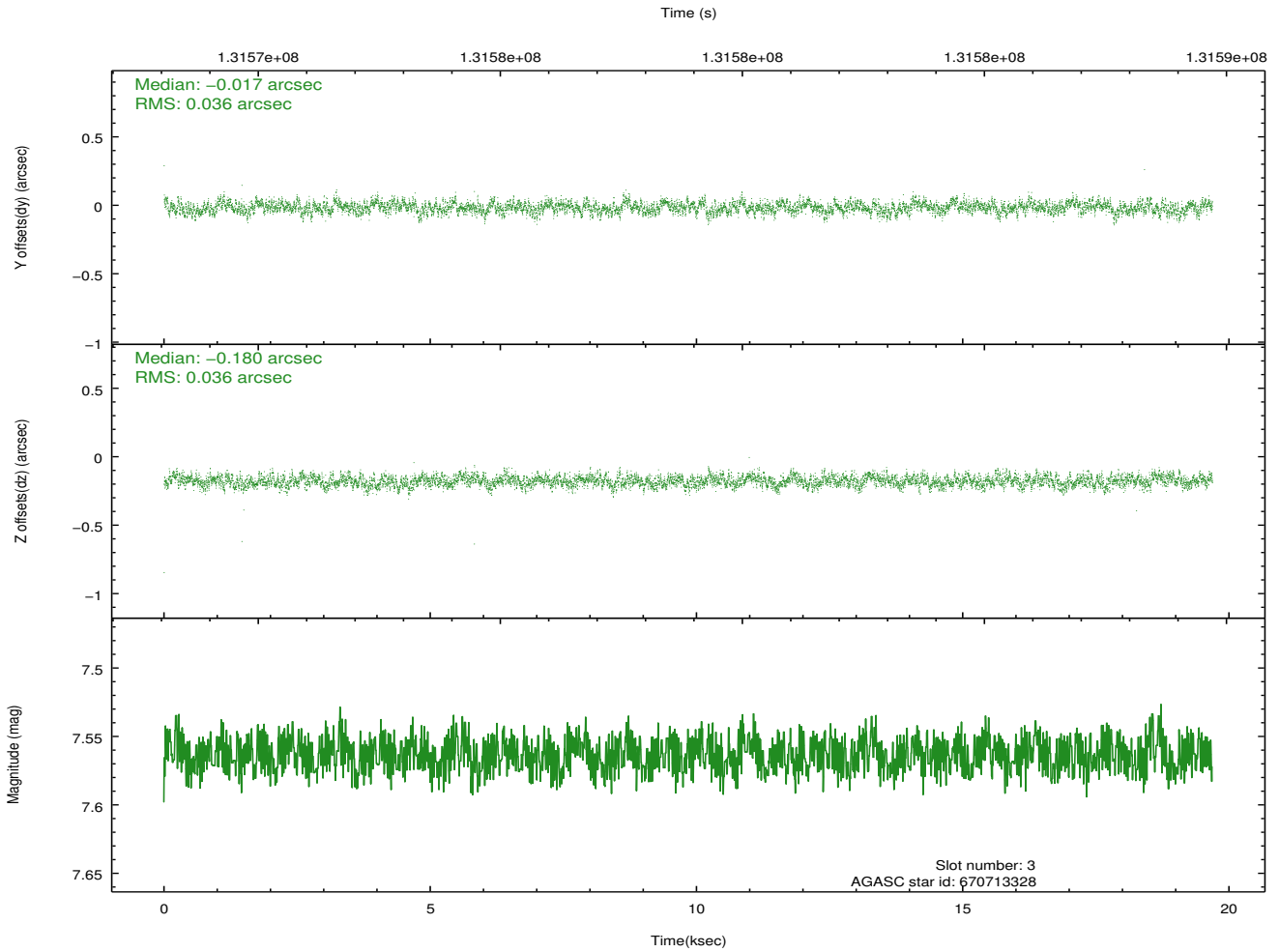
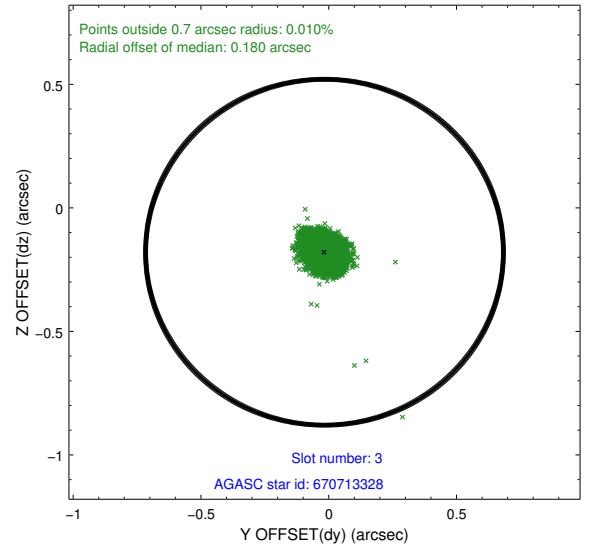
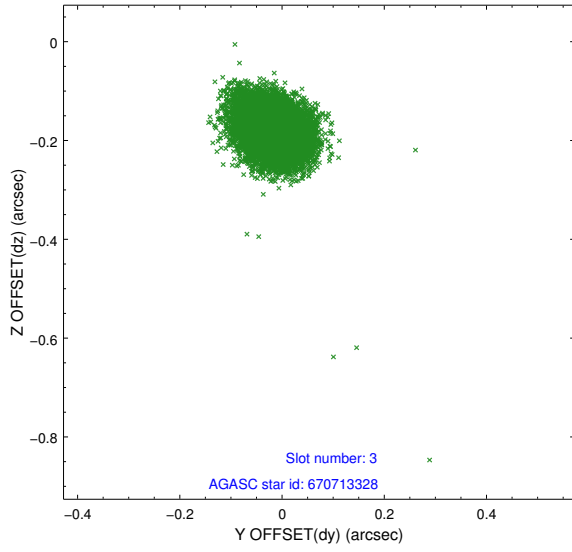


Slot Statistics

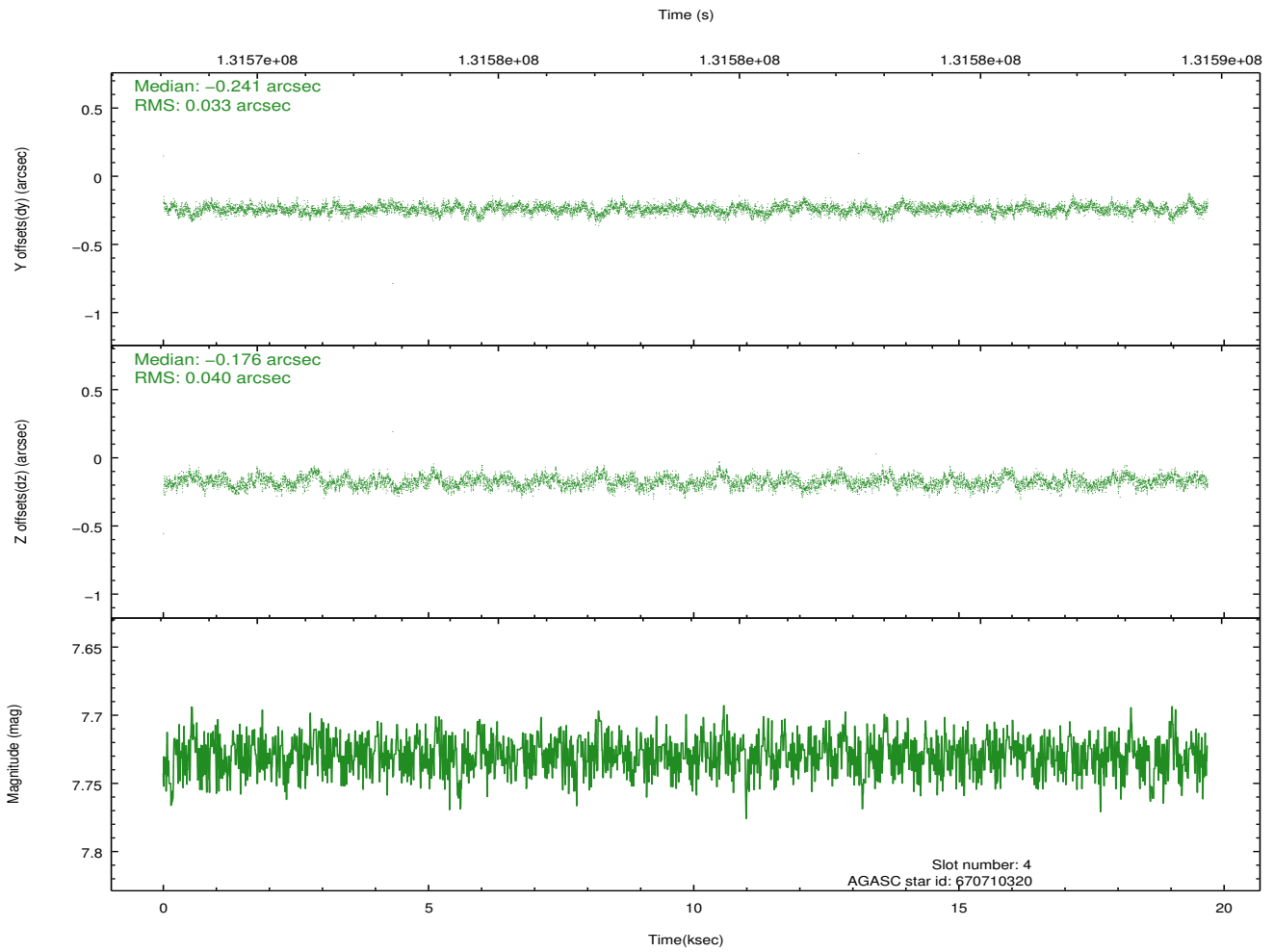
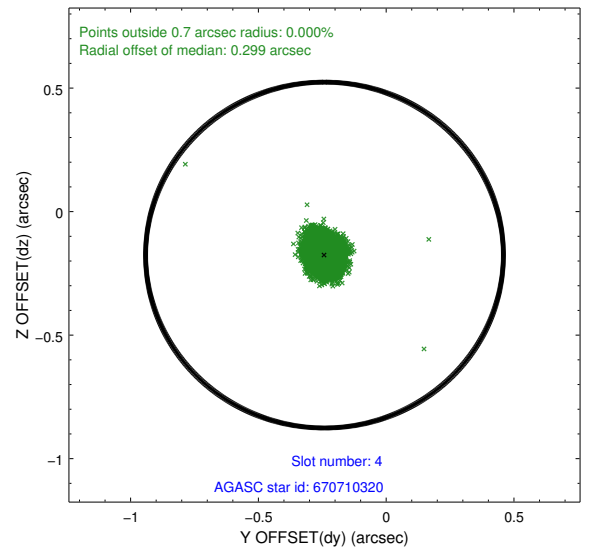
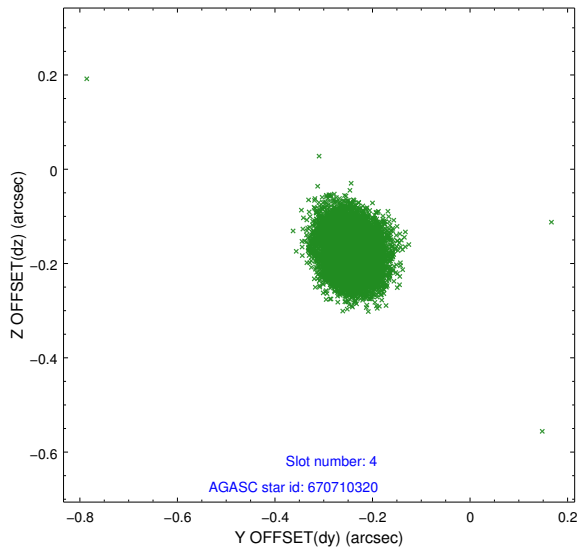
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	4802	0.028	0.007	0.010	0.016	0.000000	0.000000	-759.06	-1294.54
1	FID	HRC-I-2	7.02	4803	0.075	-0.066	0.011	0.018	0.000000	0.000000	853.47	-1296.42
2	FID	HRC-I-3	7.07	4803	0.016	-0.031	0.012	0.021	0.000000	0.000000	-1187.41	1009.71
3	GUIDE	670713328	7.56	9602	-0.017	-0.180	0.054	0.086	280.824681	-3.187771	-949.97	1384.81
4	GUIDE	670710320	7.73	9601	-0.241	-0.176	0.055	0.088	281.093022	-2.489215	1651.90	689.50
5	GUIDE	670830264	8.76	9604	0.179	0.073	0.074	0.123	281.361536	-3.231556	-903.99	-550.45
6	GUIDE	670713072	8.99	9588	0.151	0.135	0.068	0.110	281.205407	-3.604132	-2296.91	-132.97
7	GUIDE	670828544	9.76	9597	-0.071	0.148	0.114	0.184	281.777864	-2.435541	2101.77	-1739.87

2.4 Star Slots

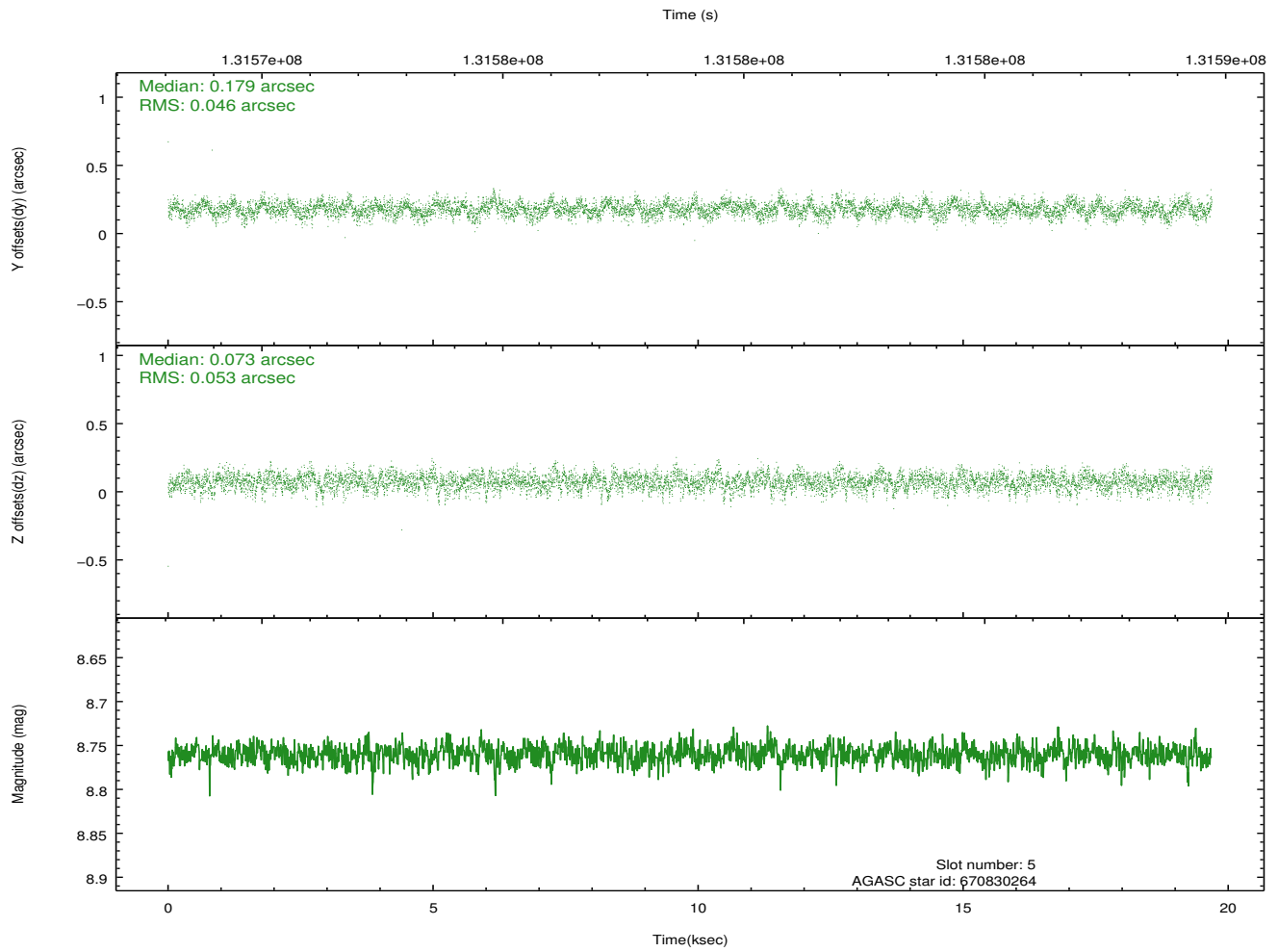
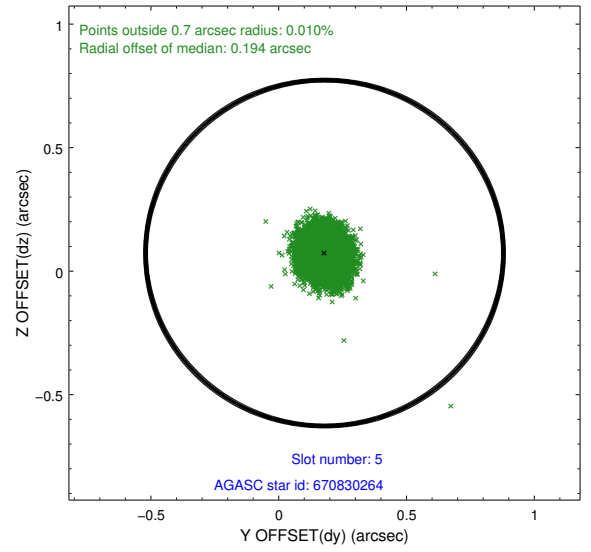
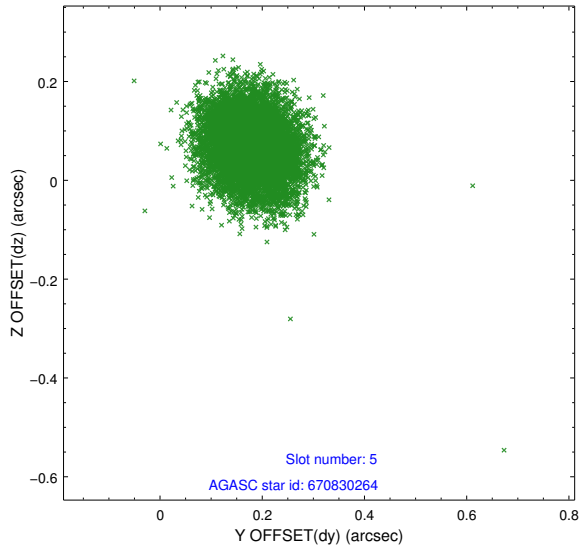
2.4.1 Slot 3



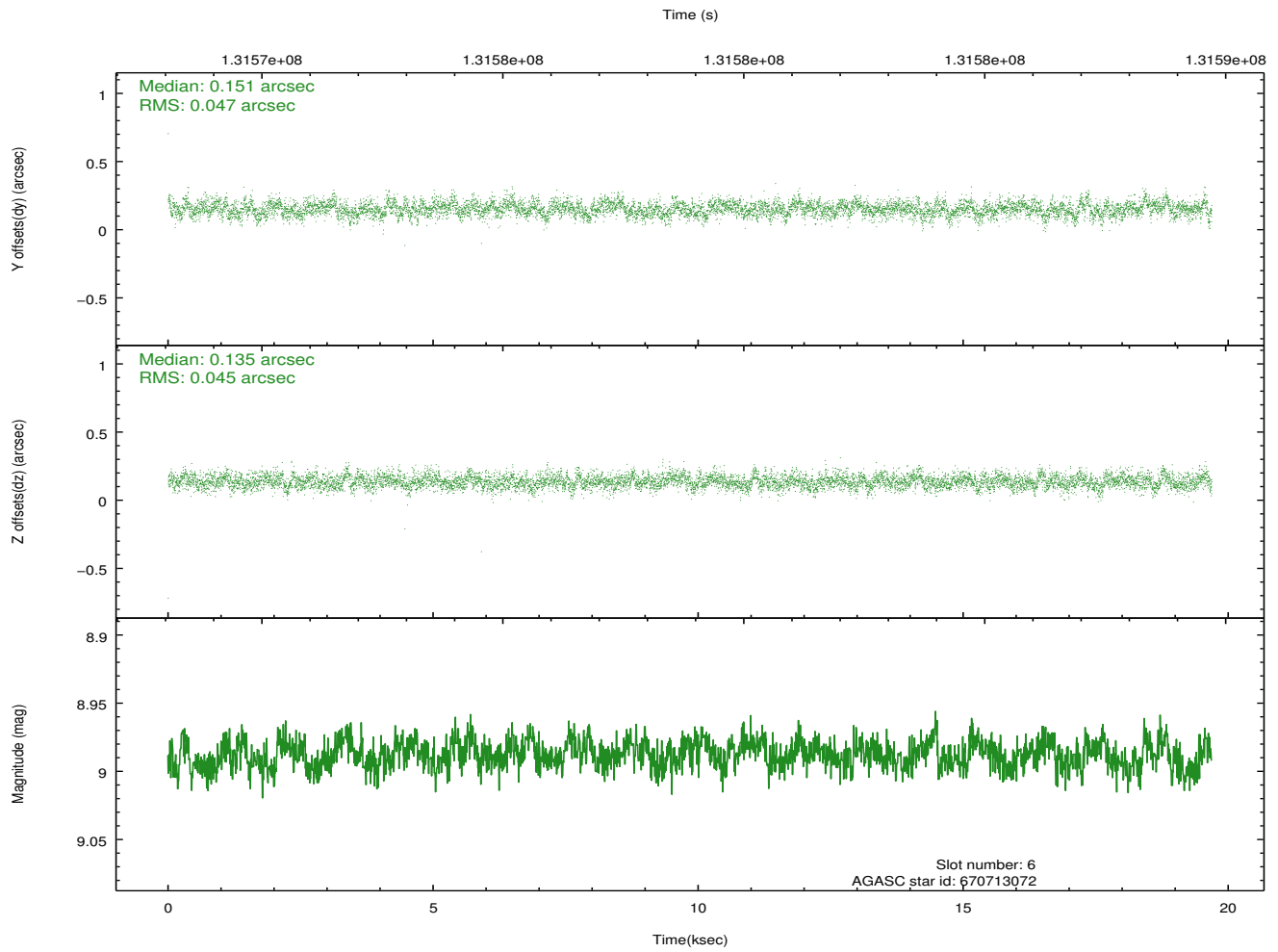
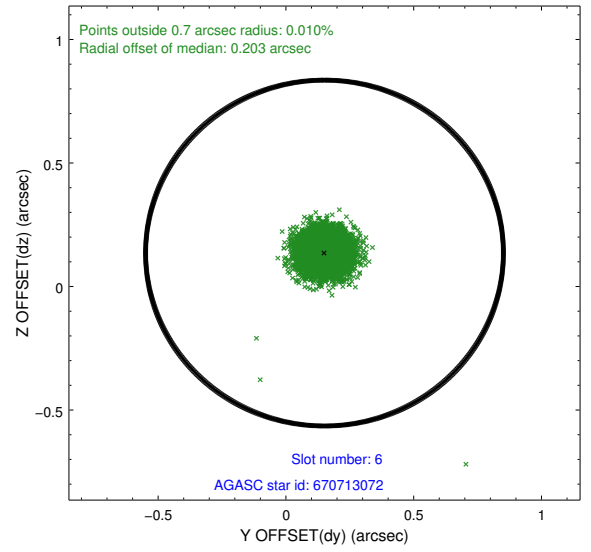
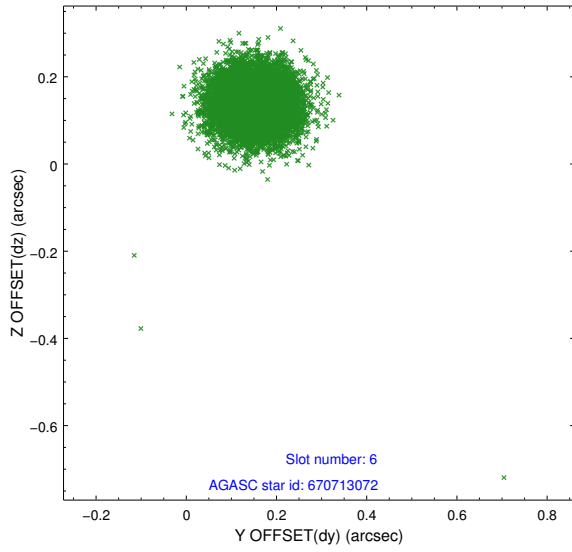
2.4.2 Slot 4



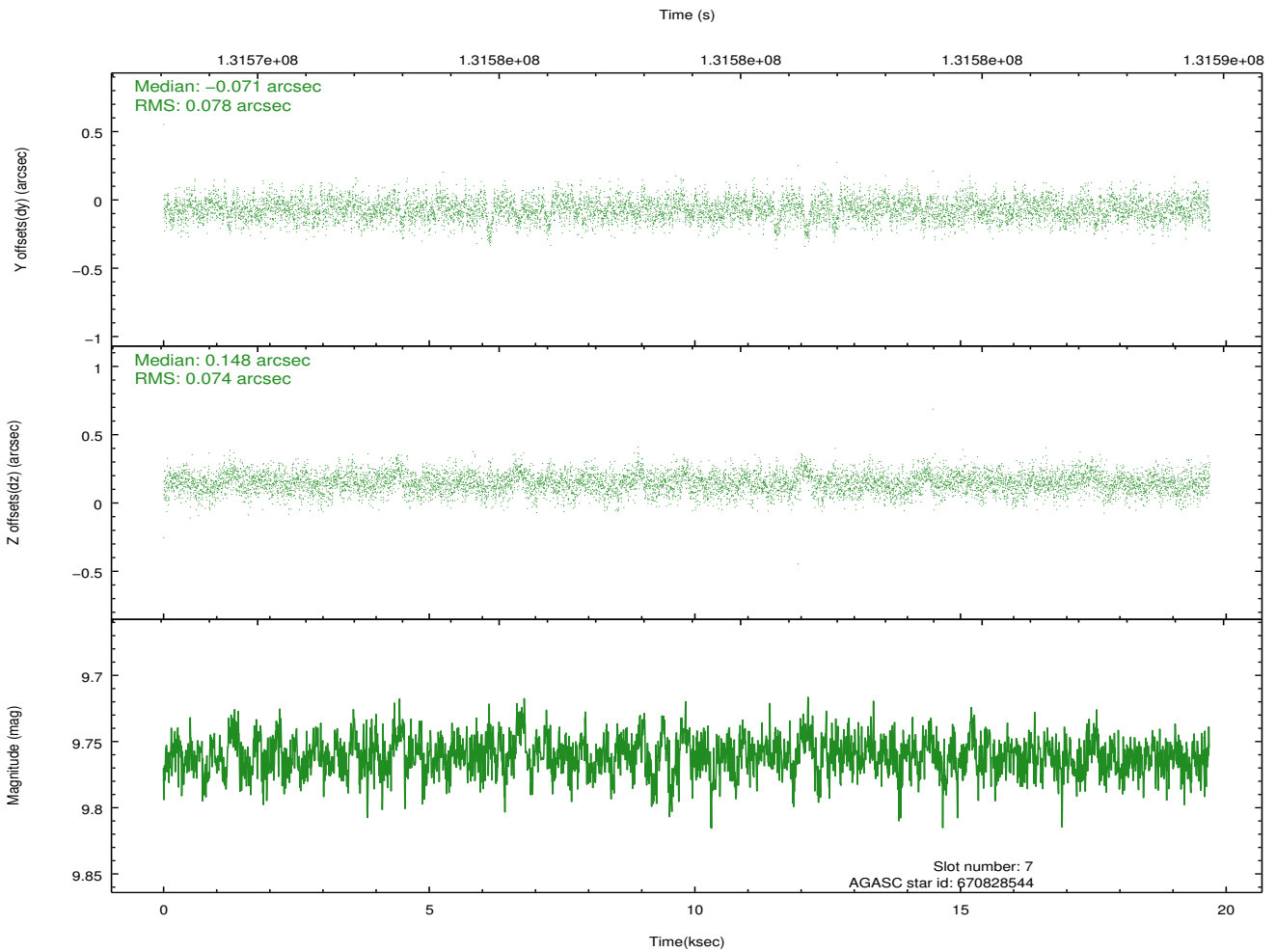
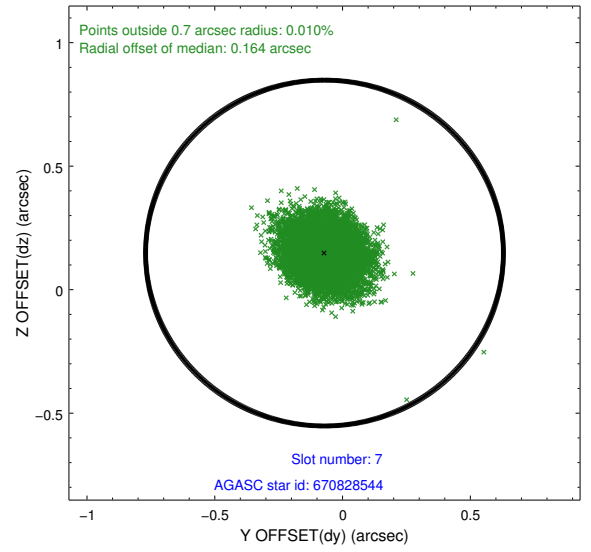
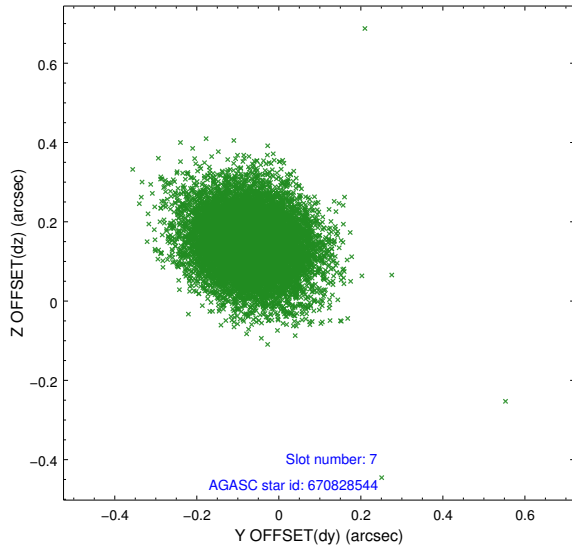
2.4.3 Slot 5



2.4.4 Slot 6

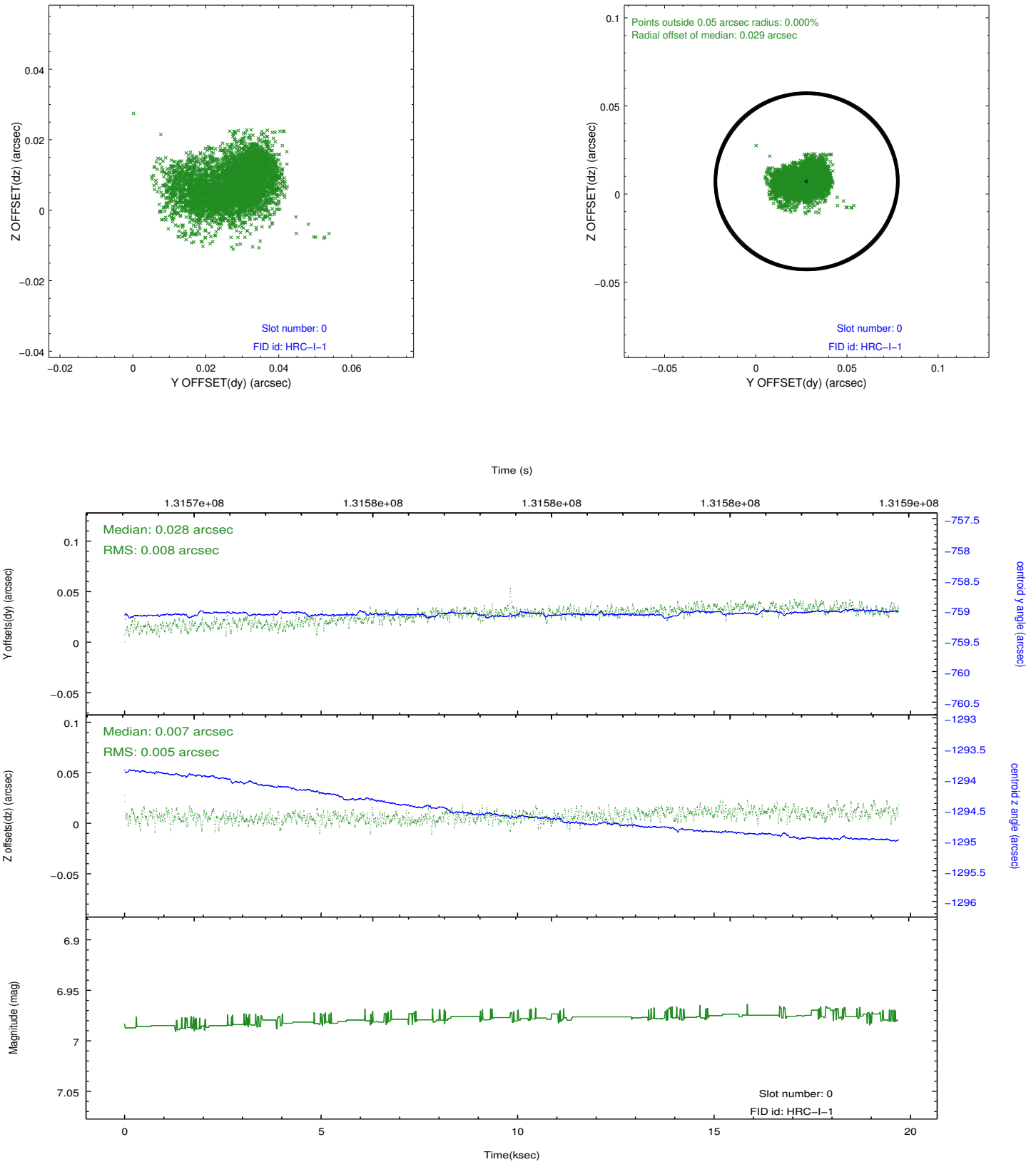


2.4.5 Slot 7

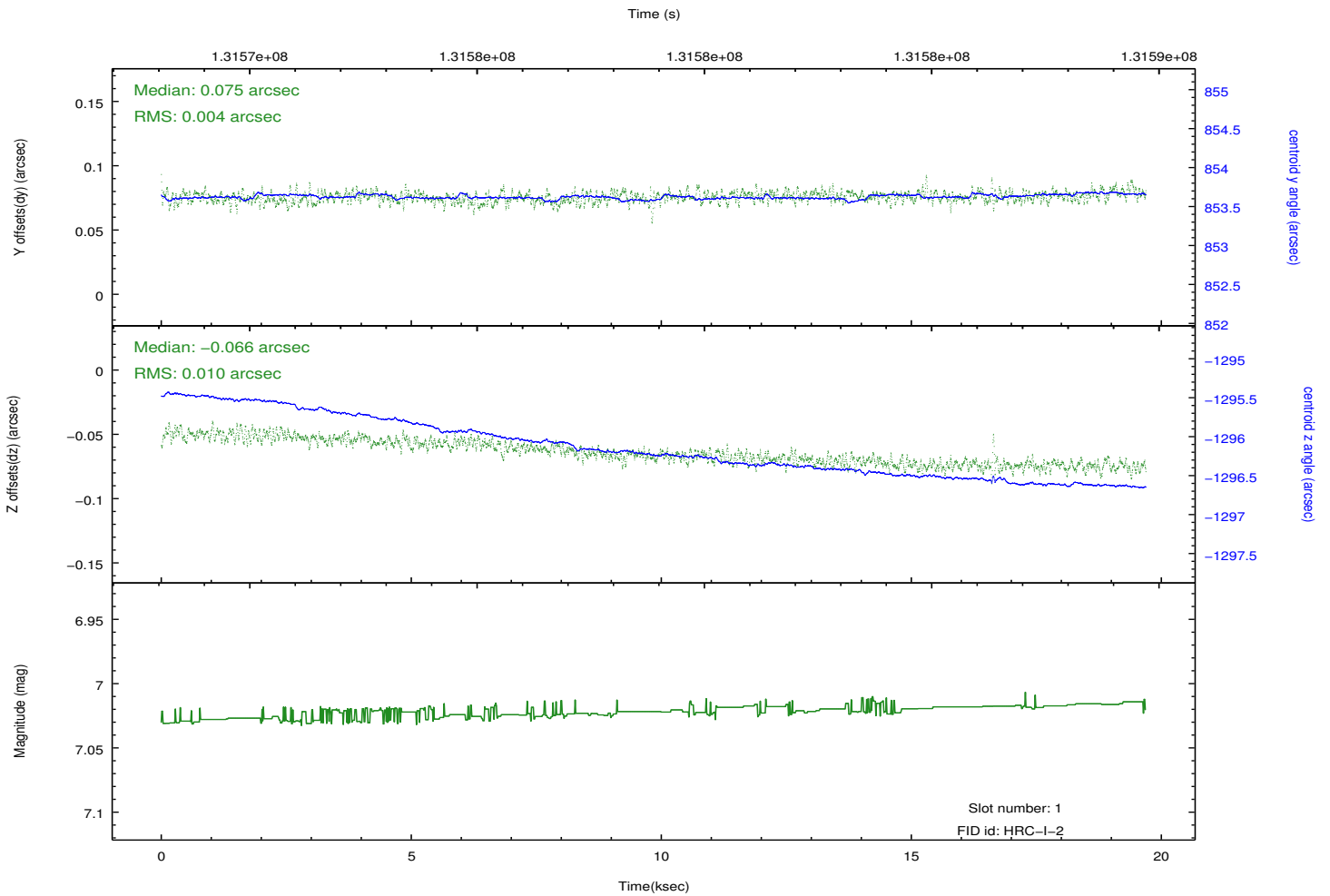
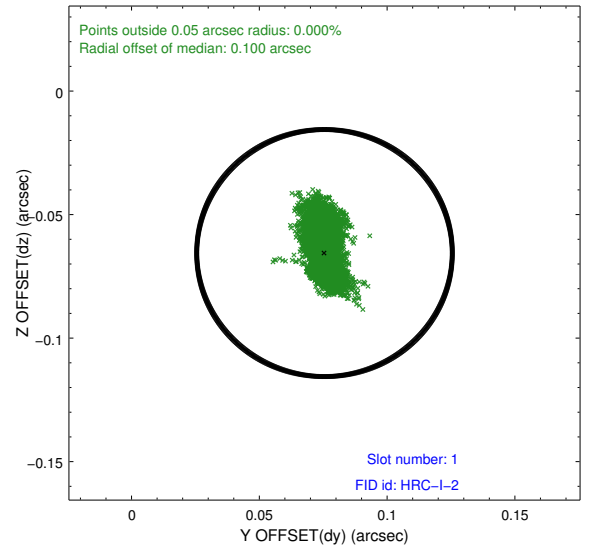
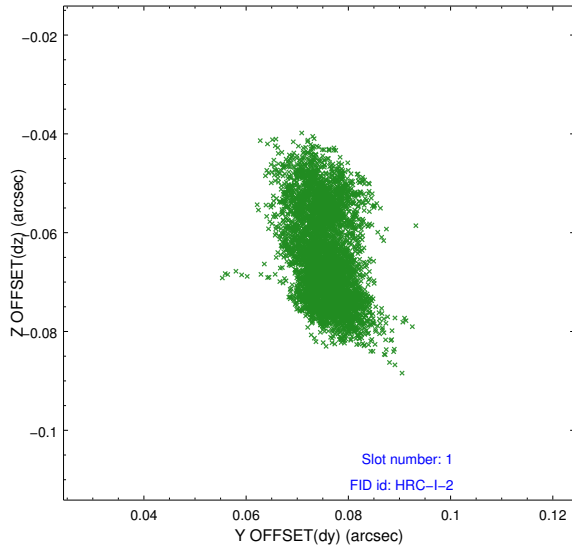


2.5 FID Slots

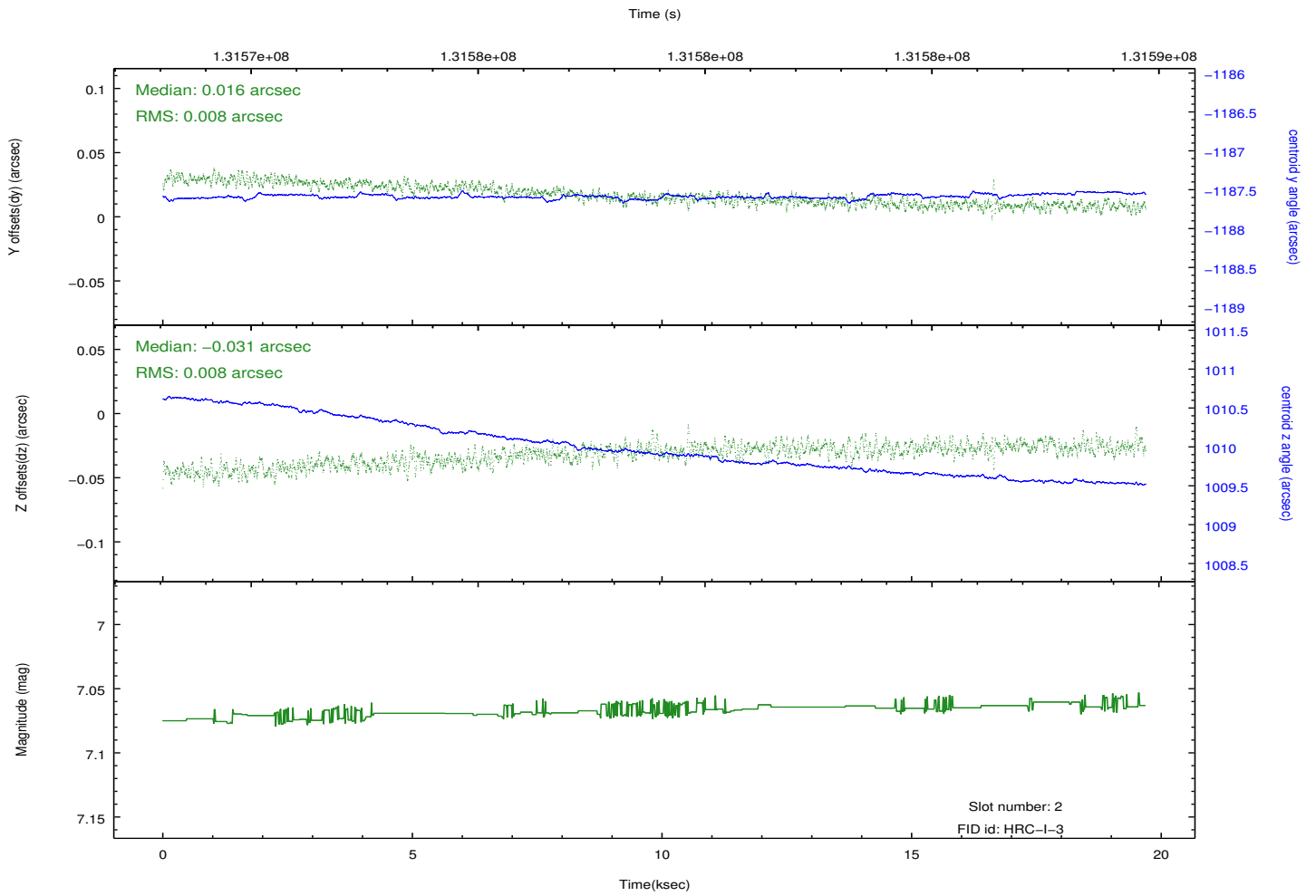
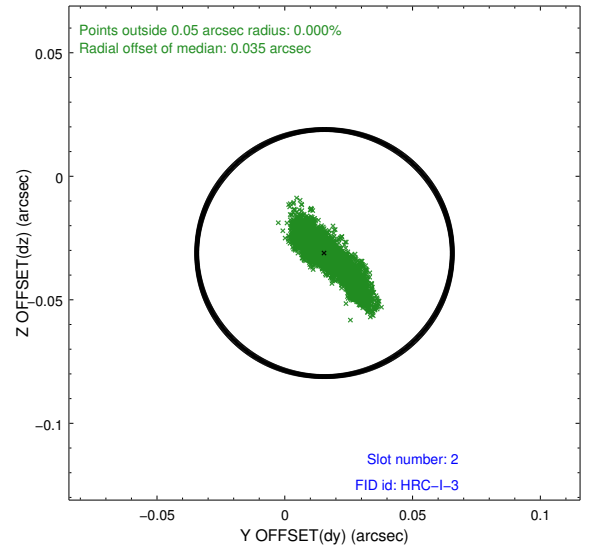
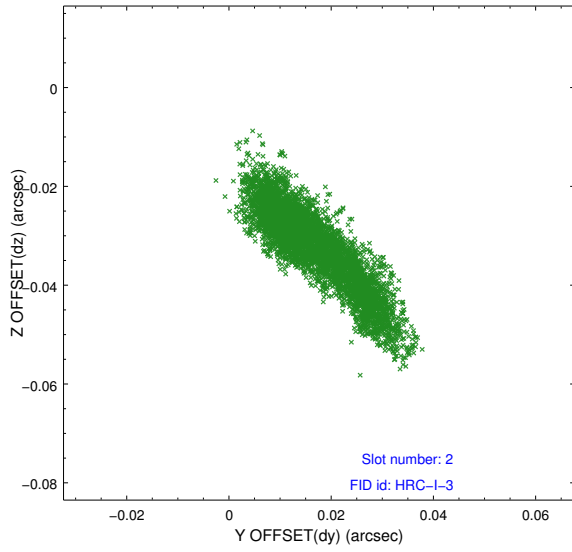
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.687

A.2 Comments