

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2727 - L2 Version 4
Chandra X-Ray Center

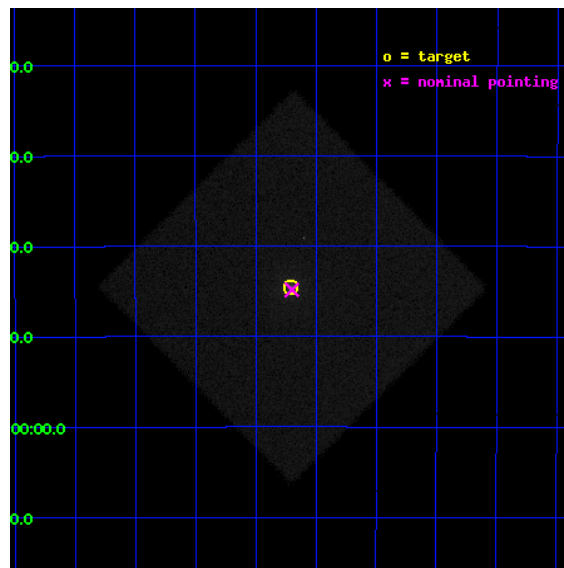
L2 Processing Date : Oct 14 2012

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

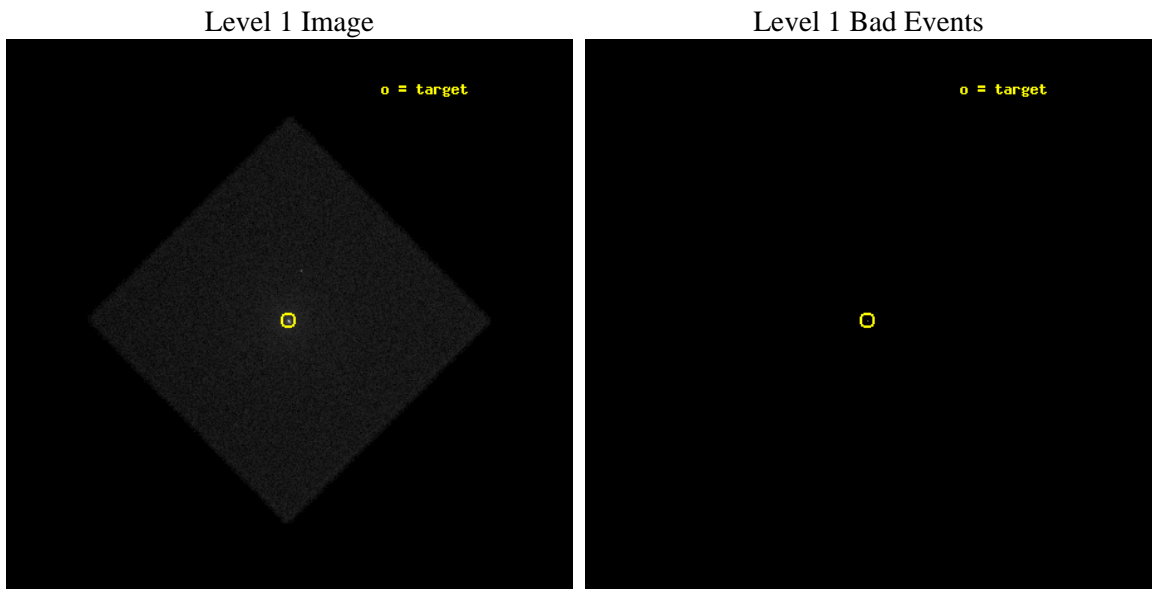
seq_num	400207	Sequence number
obs_id	2727	Observation id
title	MONITORING THE MORPHOLOGY OF THE MICRO-QUASARS GRS 1758-258 AND 1E 1740.7-2942	Proposal title
observer	Dr. William Heindl	Principal investigator
object	GRS 1758-258	Source name
ra_targ	270.301667	Observer's specified target RA [deg]
dec_targ	-25.743306	Observer's specified target Dec [deg]
ra_nom	270.29999550229	Nominal RA [deg]
dec_nom	-25.747028760543	Nominal Dec [deg]
roll_nom	270.32770647194	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9983.5004127622	[s]
livetime	9927.0853883399	Ontime multiplied by DTCOR
l2events	327266	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9983.5004127622	[s]
caldbver	4.5.2	 	l1events	465161	Number of level 1 events
date	2012-10-14T18:08:21	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

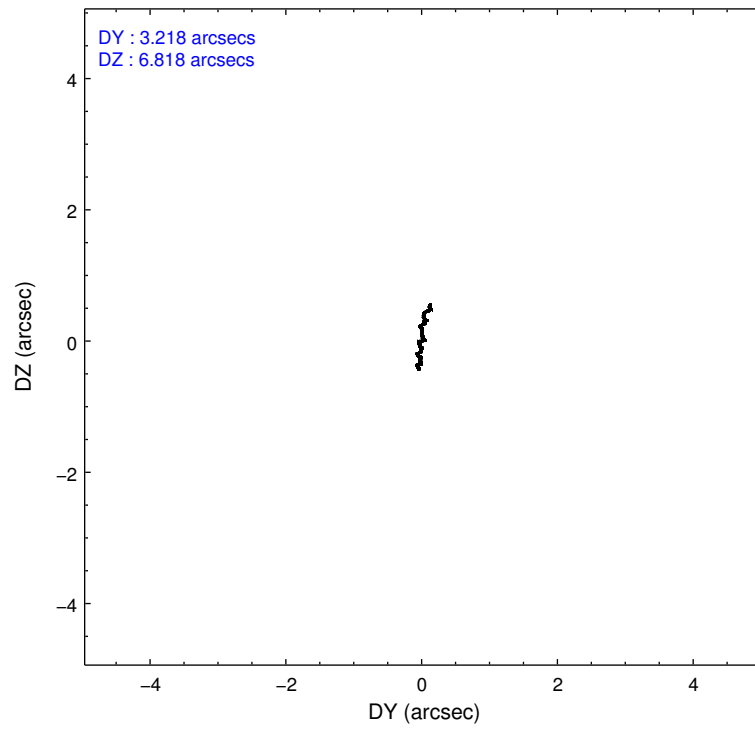
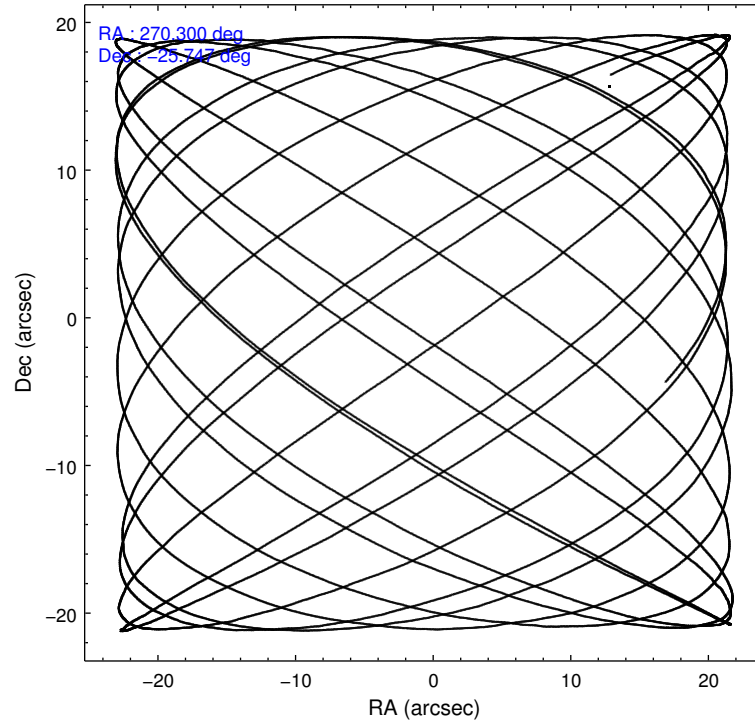
Level 1 Events

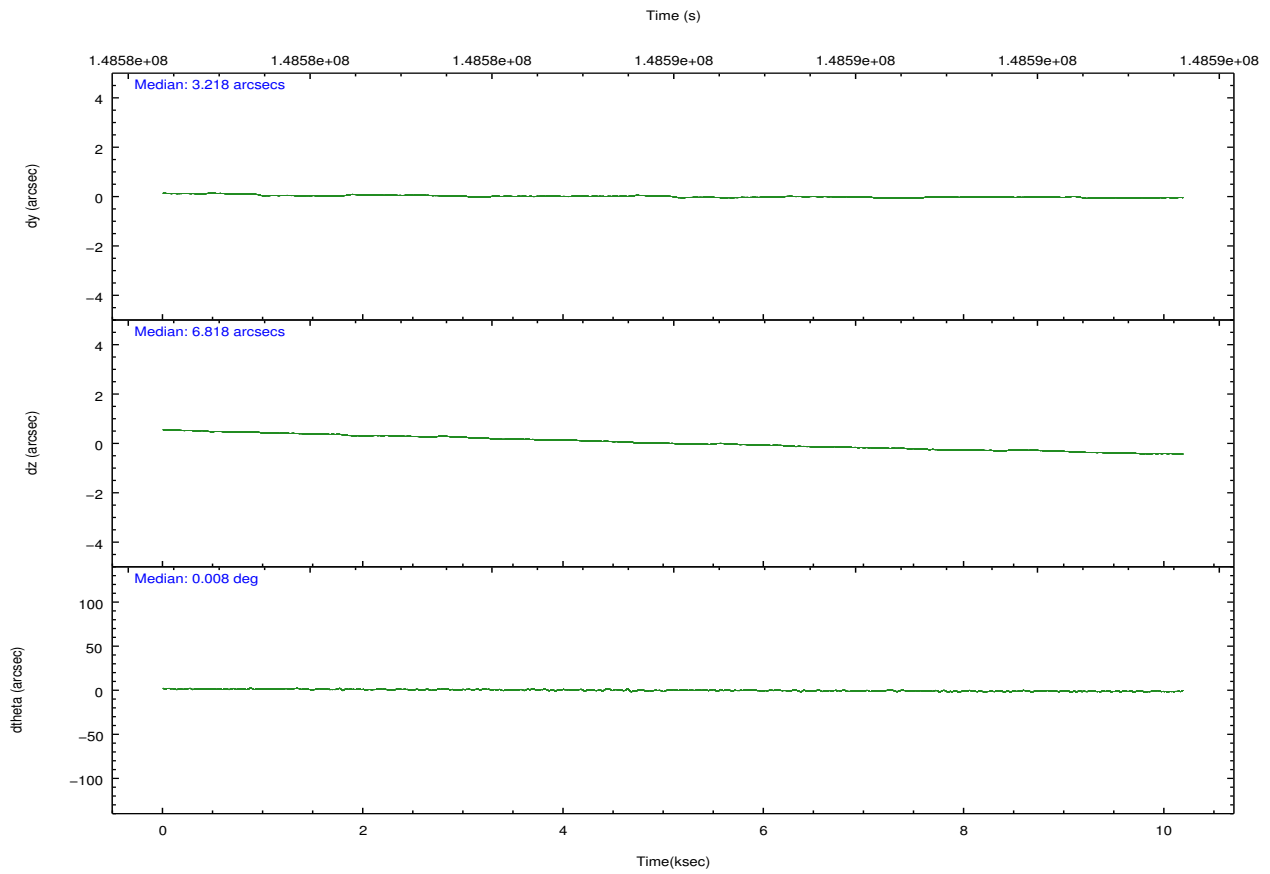
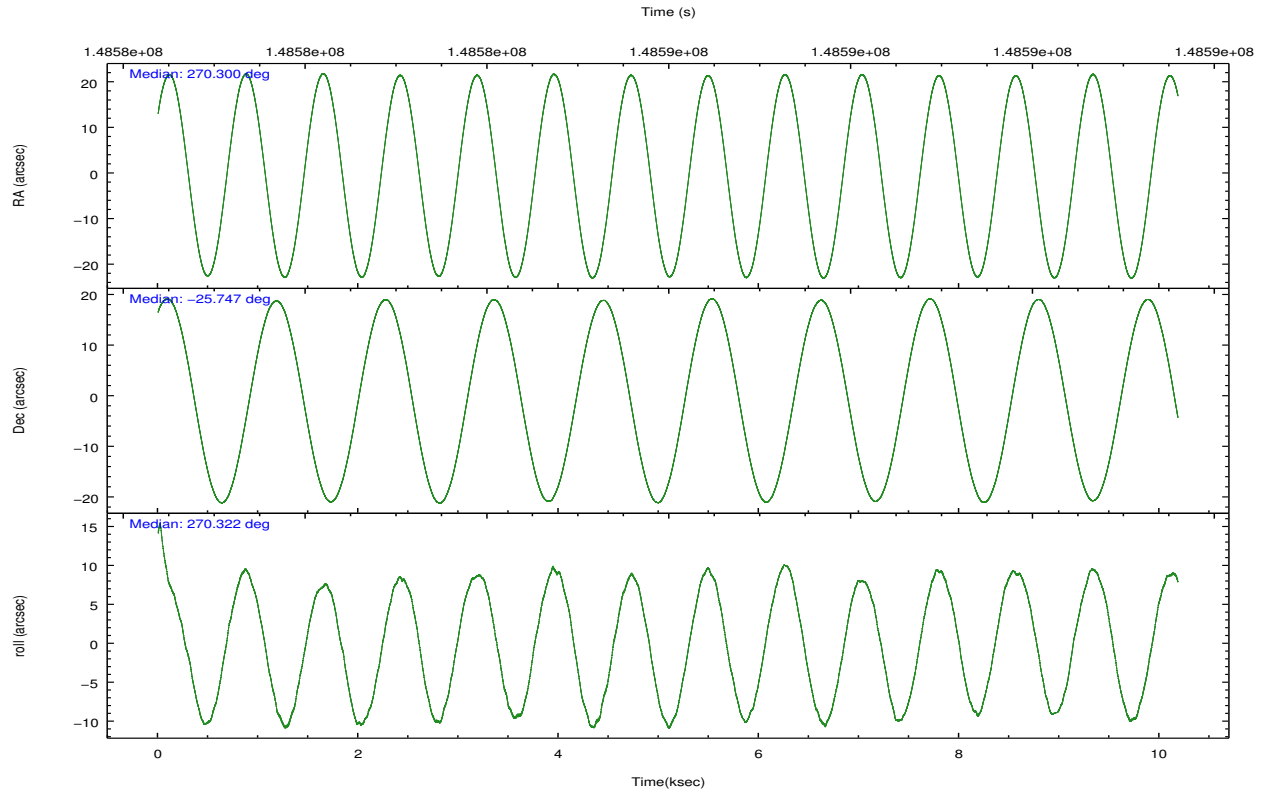
	segment 0
level 1 events	465161
rejected events	2258
rejected %	0%

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	270.284121	270.2999955022906			
[deg] Pointing Dec	-25.724095	-25.74702876054263			
[deg] Pointing Roll	270.416300	270.3277064719411			
[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)	148581086.184000	148580656.23531			
Observation start date	2002-09-16T16:30:22	2002-09-16T16:24:16			
[s] Observation end time (MET)	148591086.184000	148591772.36077			
Observation end date	2002-09-16T19:17:02	2002-09-16T19:29:32			

2.3 Aspect



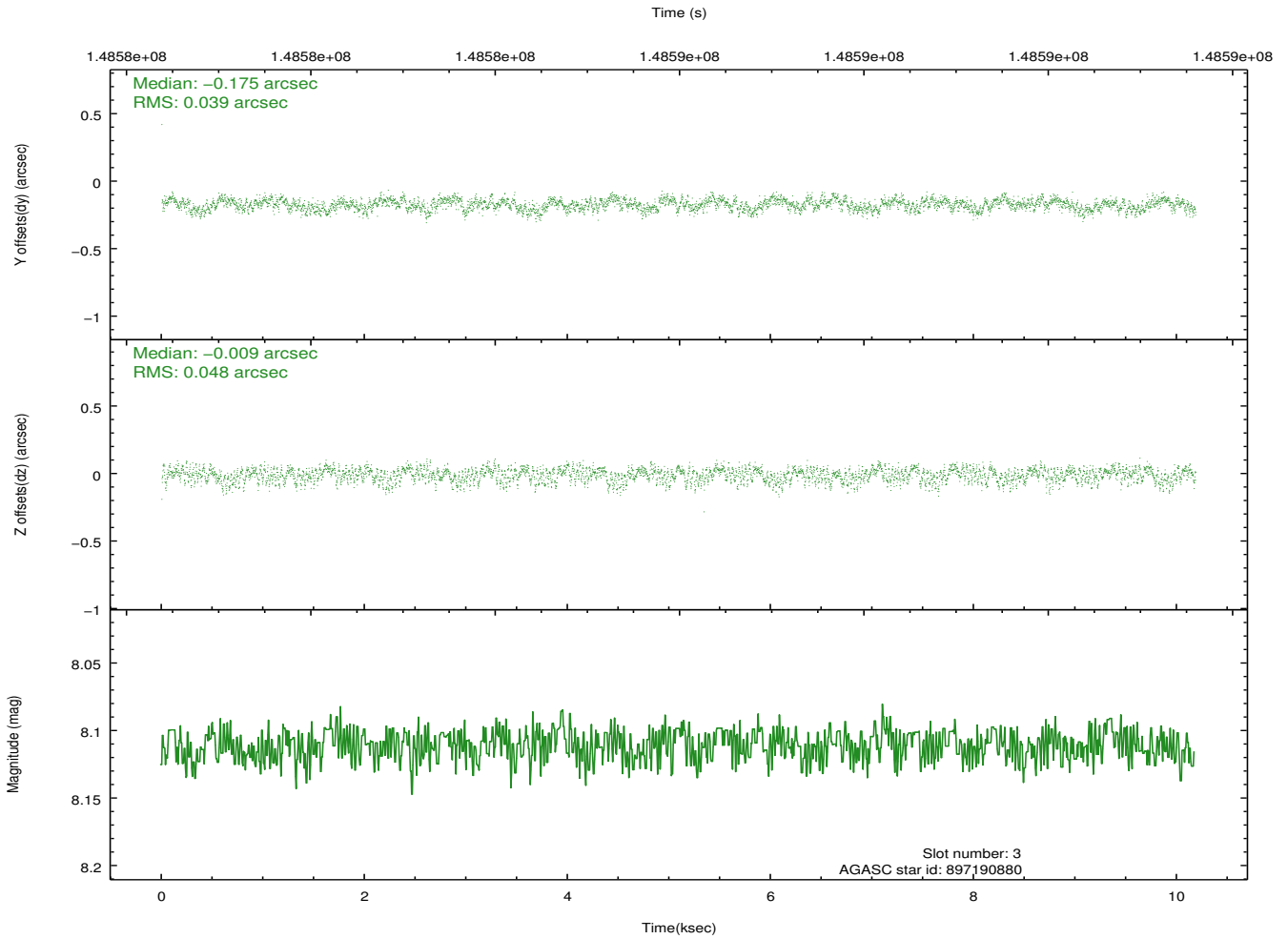
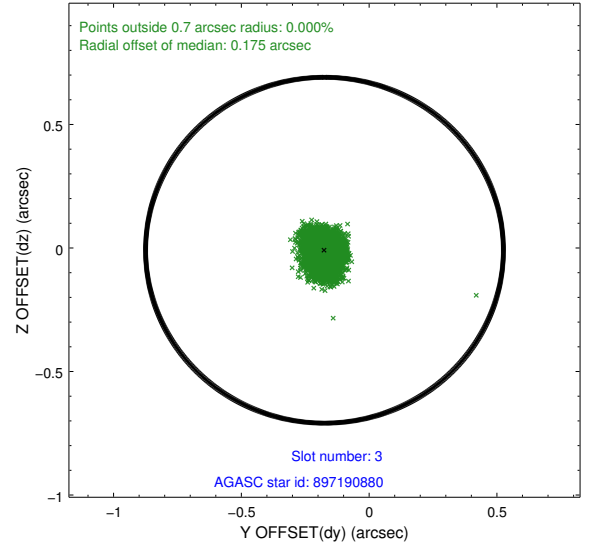
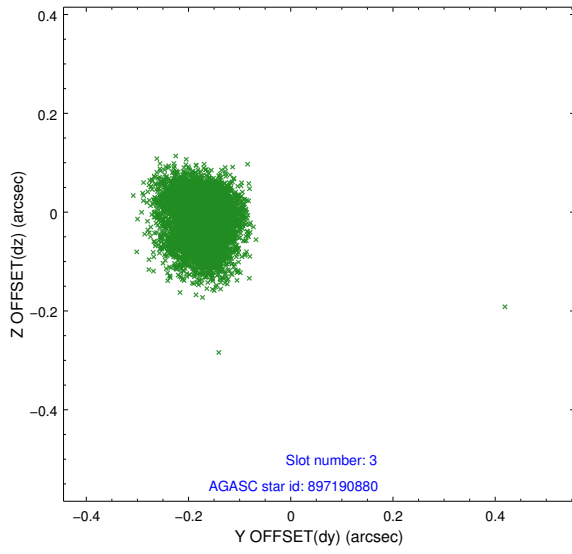


Slot Statistics

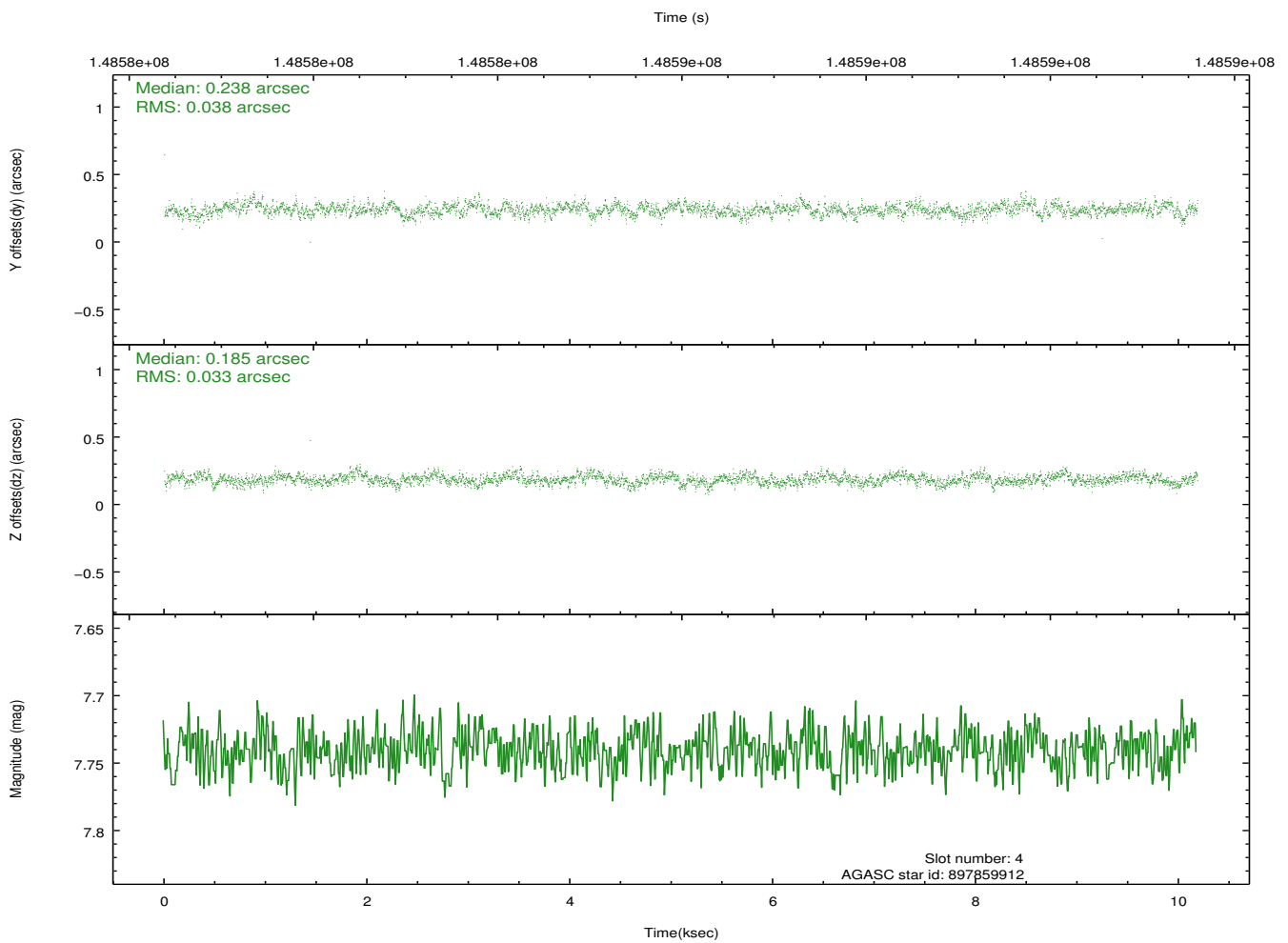
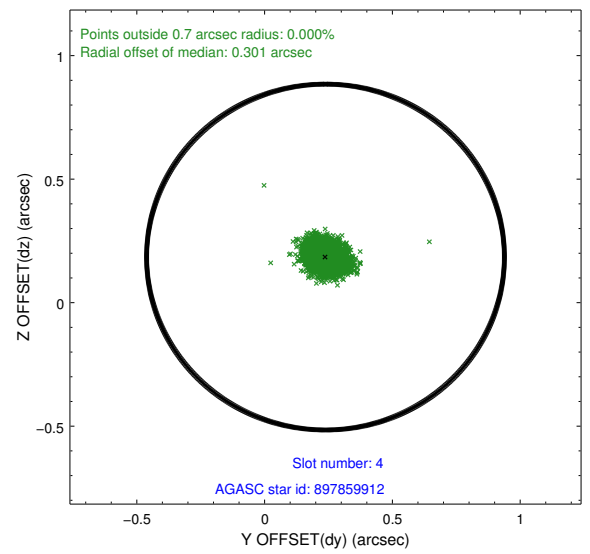
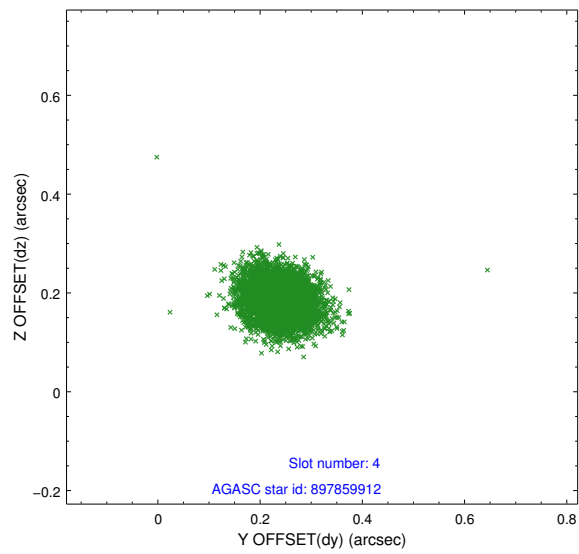
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	2484	0.017	0.011	0.010	0.017	0.000000	0.000000	-758.67	-1294.69
1	FID	HRC-I-2	7.02	2484	0.084	-0.062	0.013	0.024	0.000000	0.000000	853.73	-1296.82
2	FID	HRC-I-3	7.07	2484	0.020	-0.037	0.013	0.023	0.000000	0.000000	-1186.84	1009.30
3	GUIDE	897190880	8.11	4965	-0.175	-0.009	0.066	0.105	269.584058	-25.142408	-2104.46	-2266.36
4	GUIDE	897859912	7.74	4968	0.238	0.185	0.052	0.086	270.849161	-26.319822	2161.59	1807.87
5	GUIDE	897324032	8.72	4968	-0.141	-0.140	0.056	0.094	270.314237	-25.107248	-2219.45	114.57
6	GUIDE	897188560	8.34	4969	0.060	-0.023	0.066	0.103	269.612088	-26.091773	1313.43	-2182.05
7	GUIDE	897322760	8.57	4968	0.012	-0.010	0.084	0.127	270.988015	-25.669699	-172.62	2284.84

2.4 Star Slots

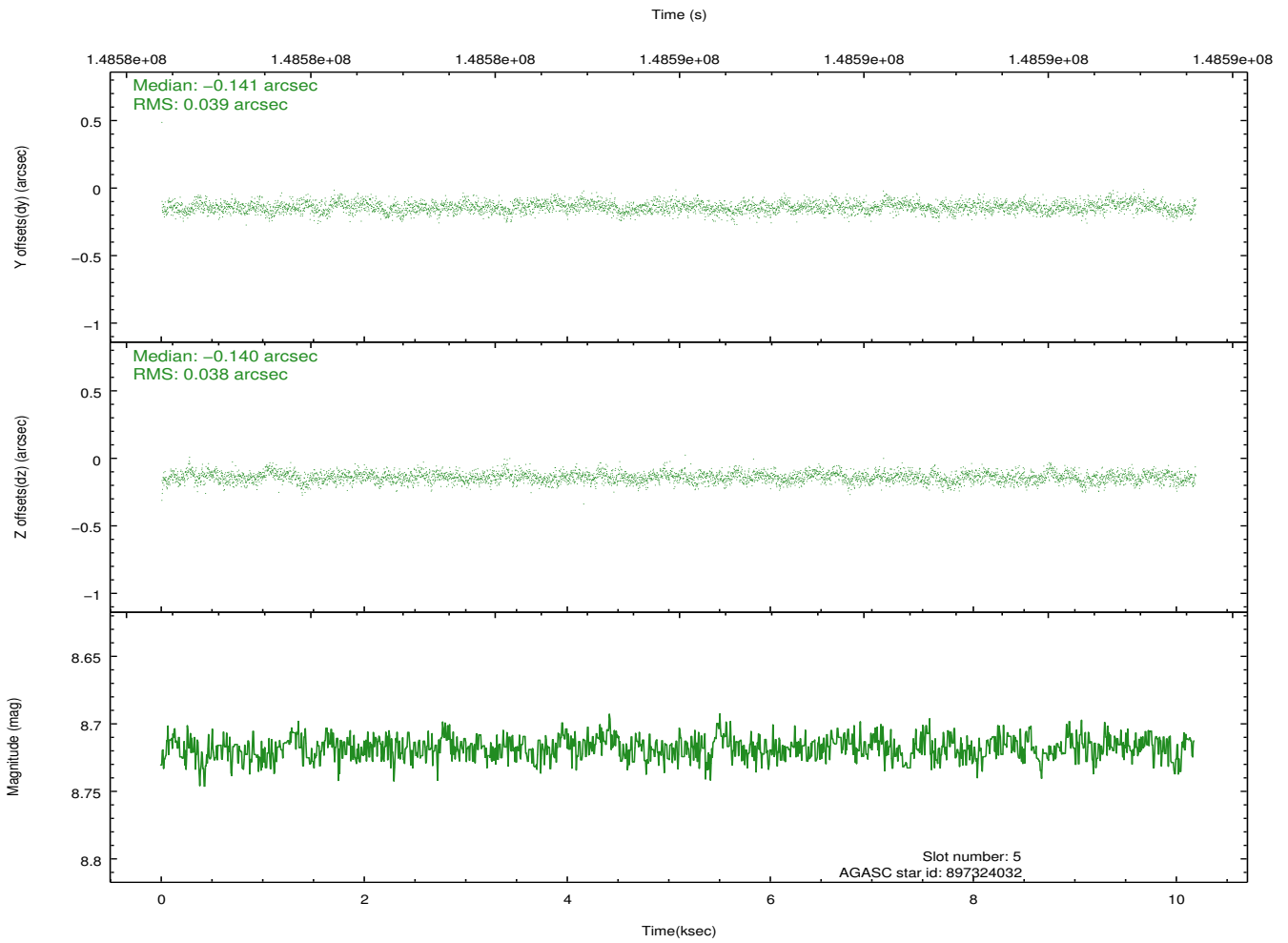
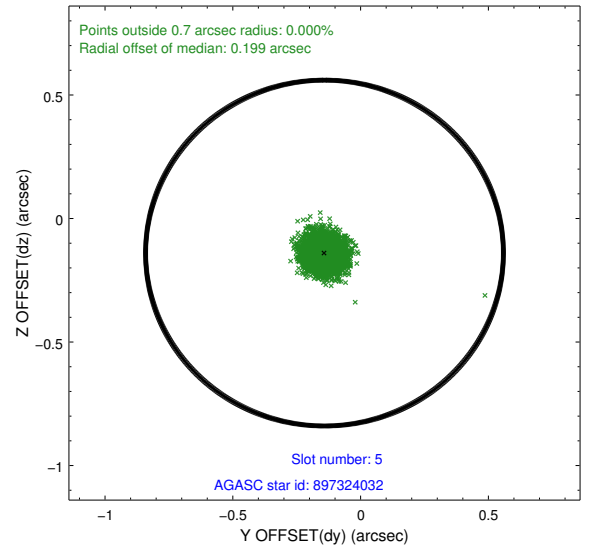
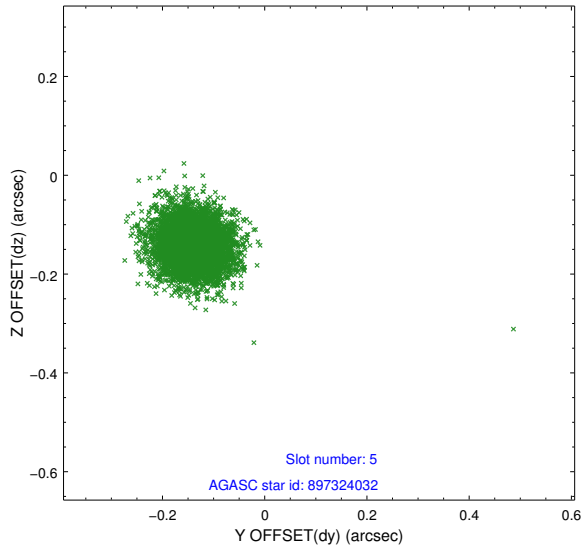
2.4.1 Slot 3



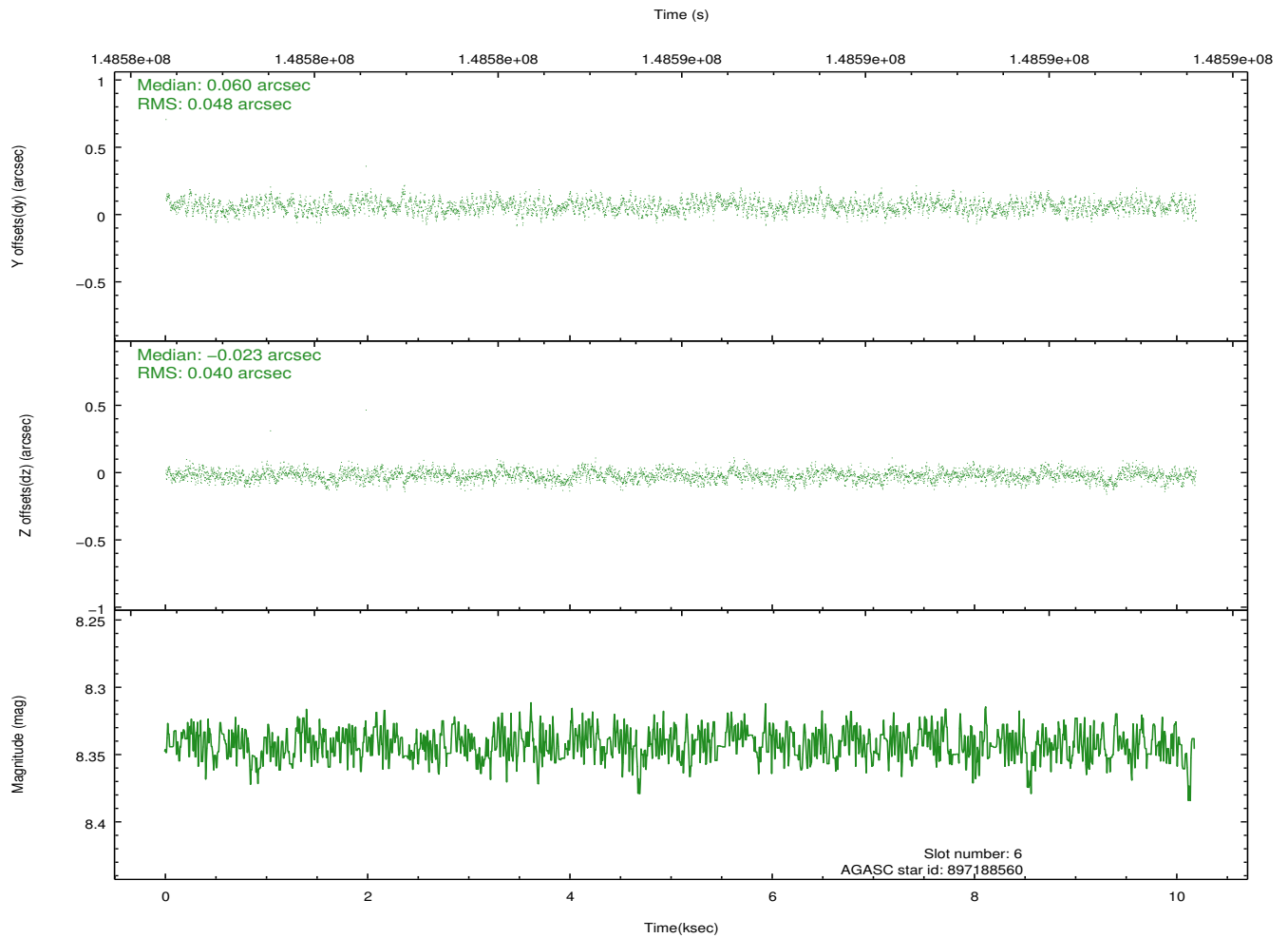
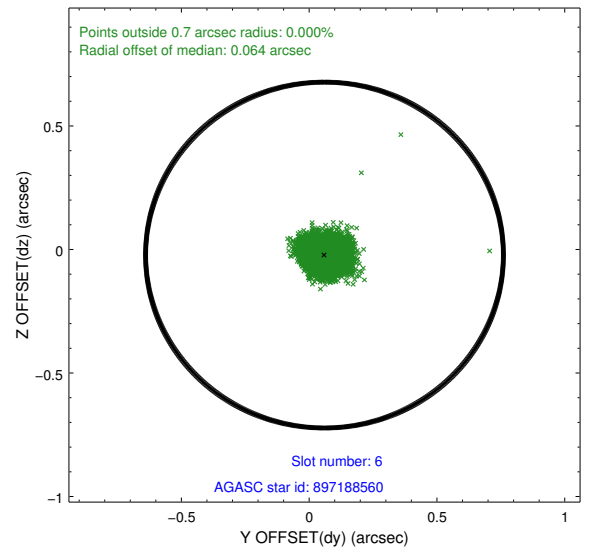
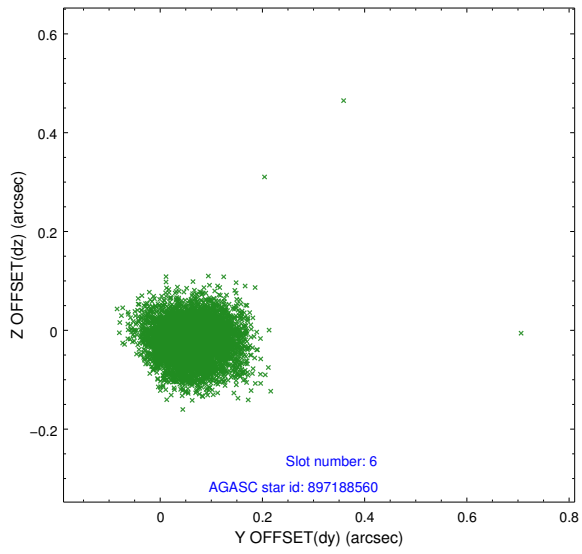
2.4.2 Slot 4



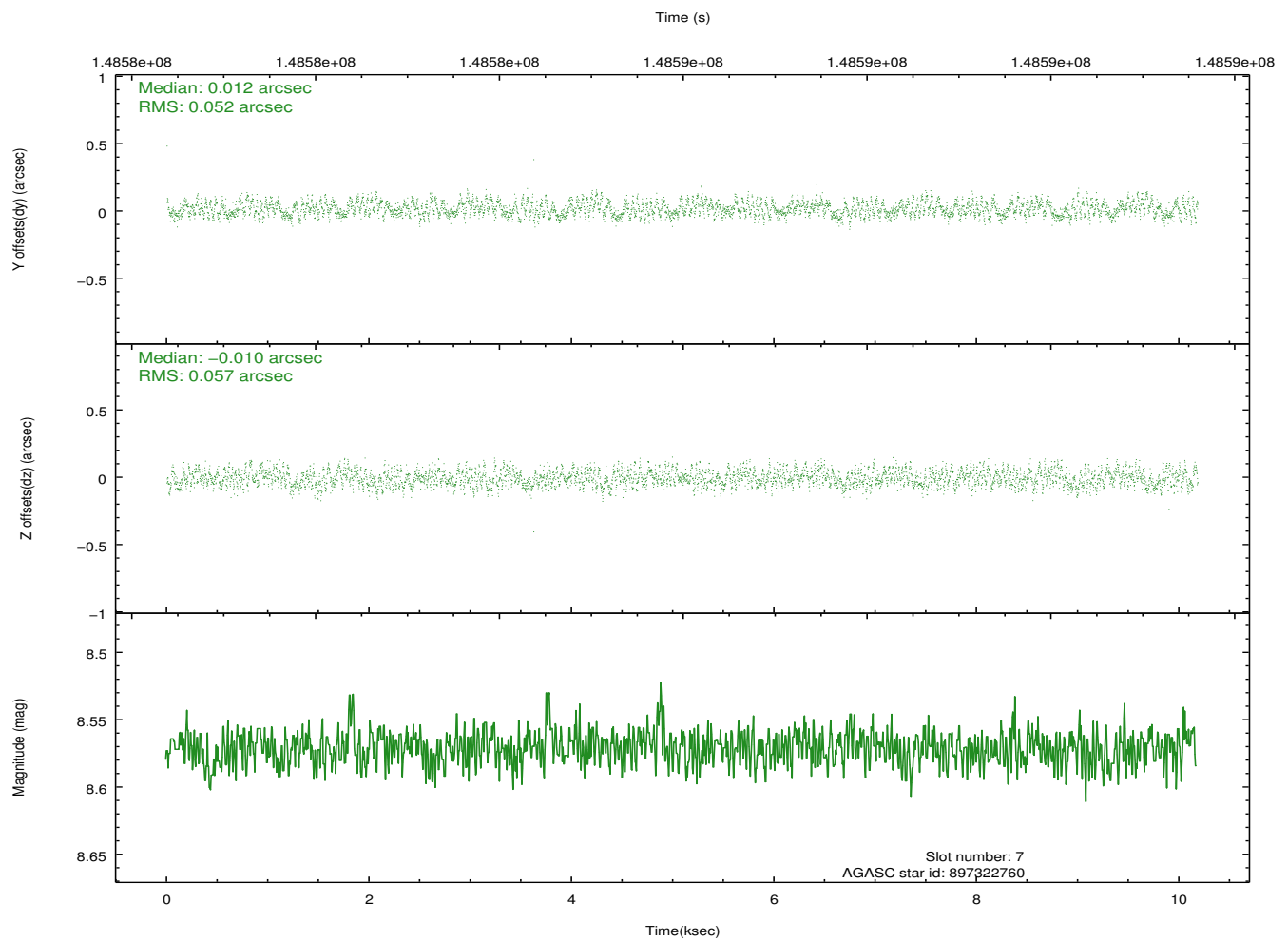
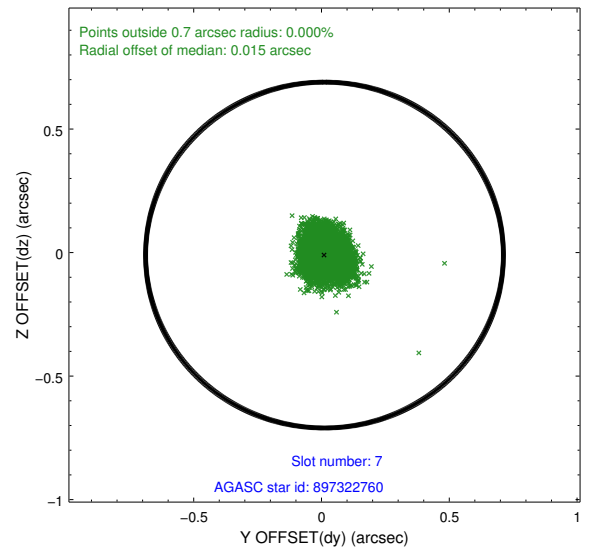
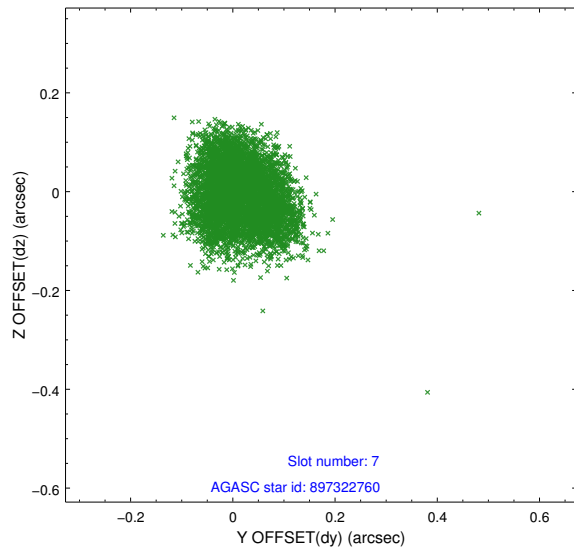
2.4.3 Slot 5



2.4.4 Slot 6

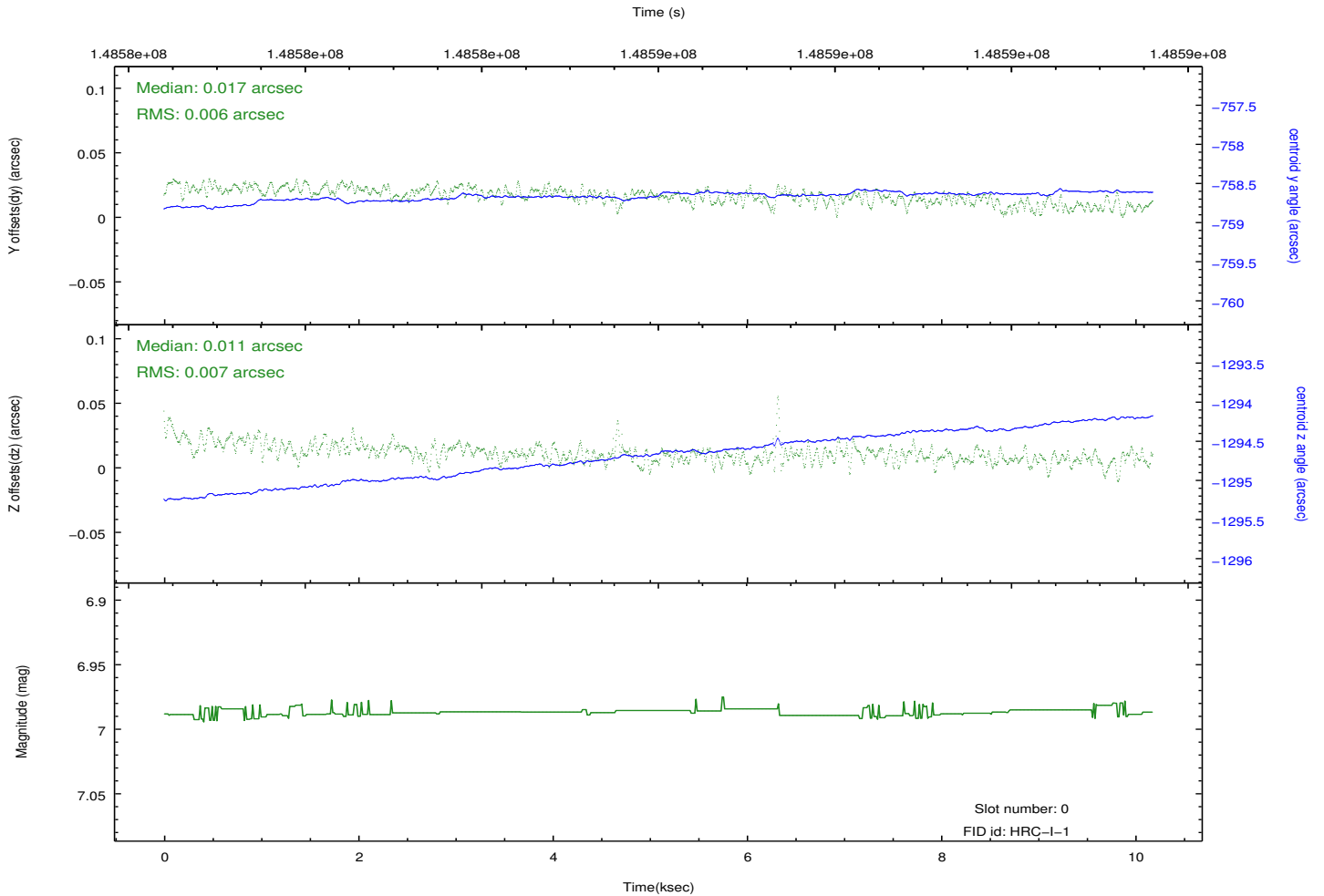
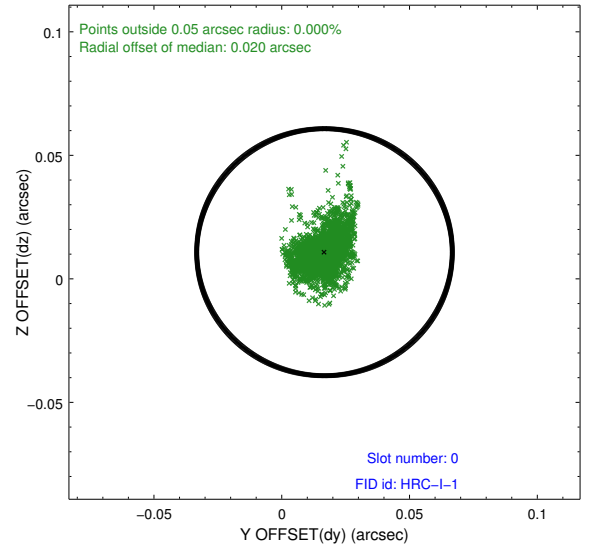
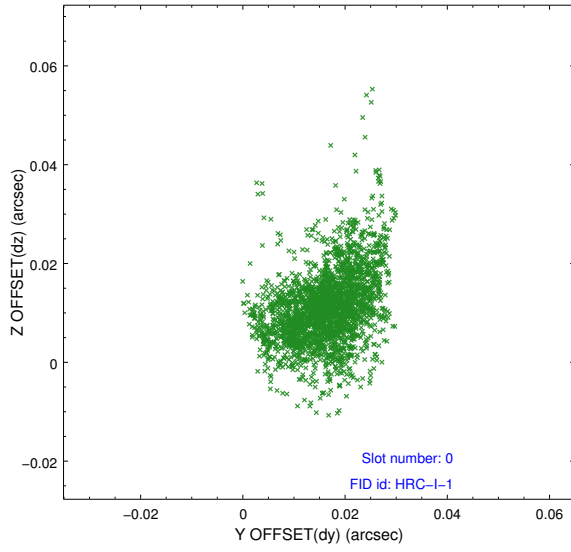


2.4.5 Slot 7

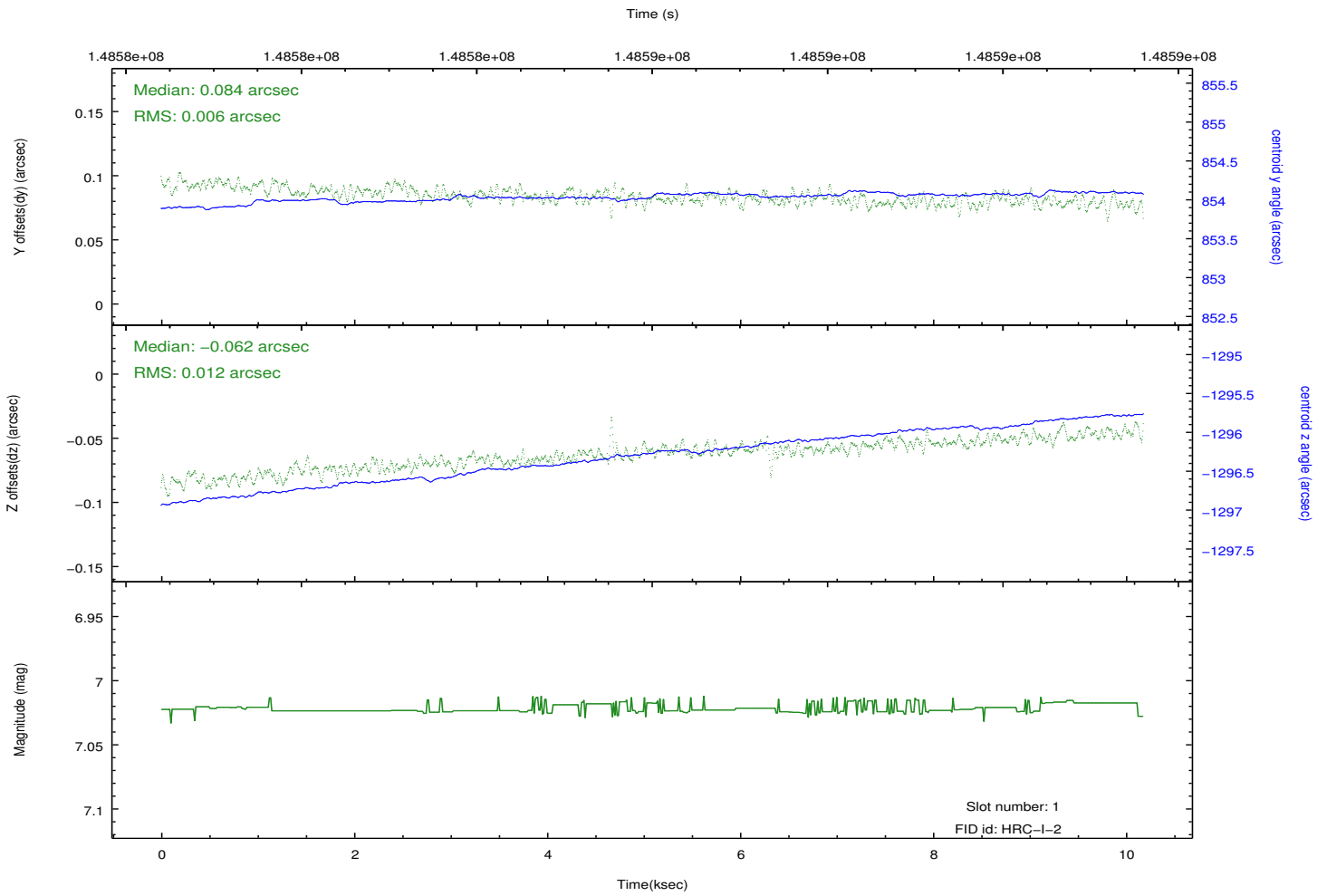
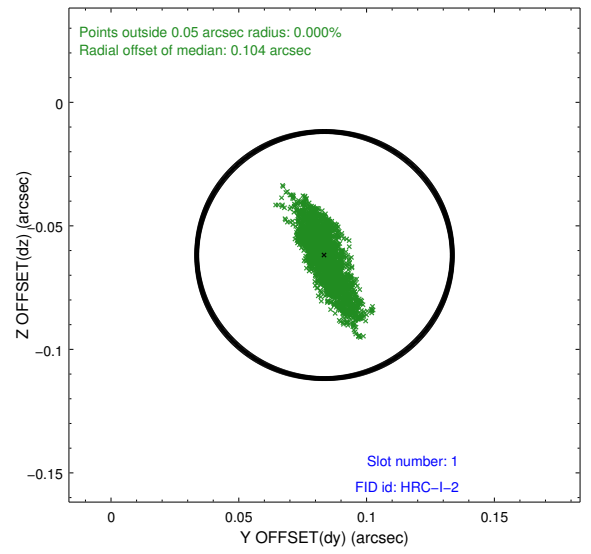
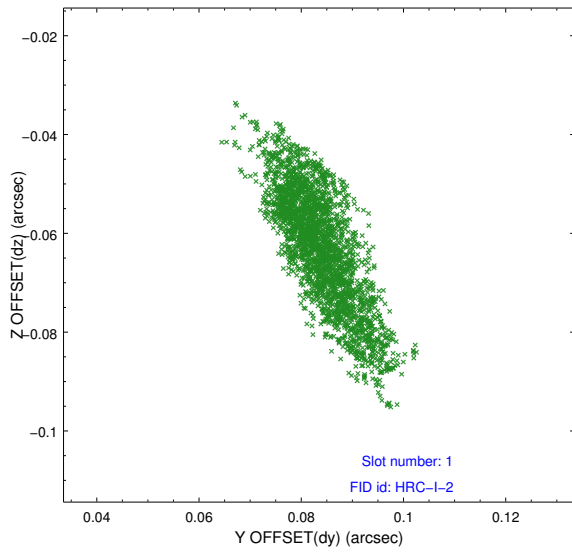


2.5 FID Slots

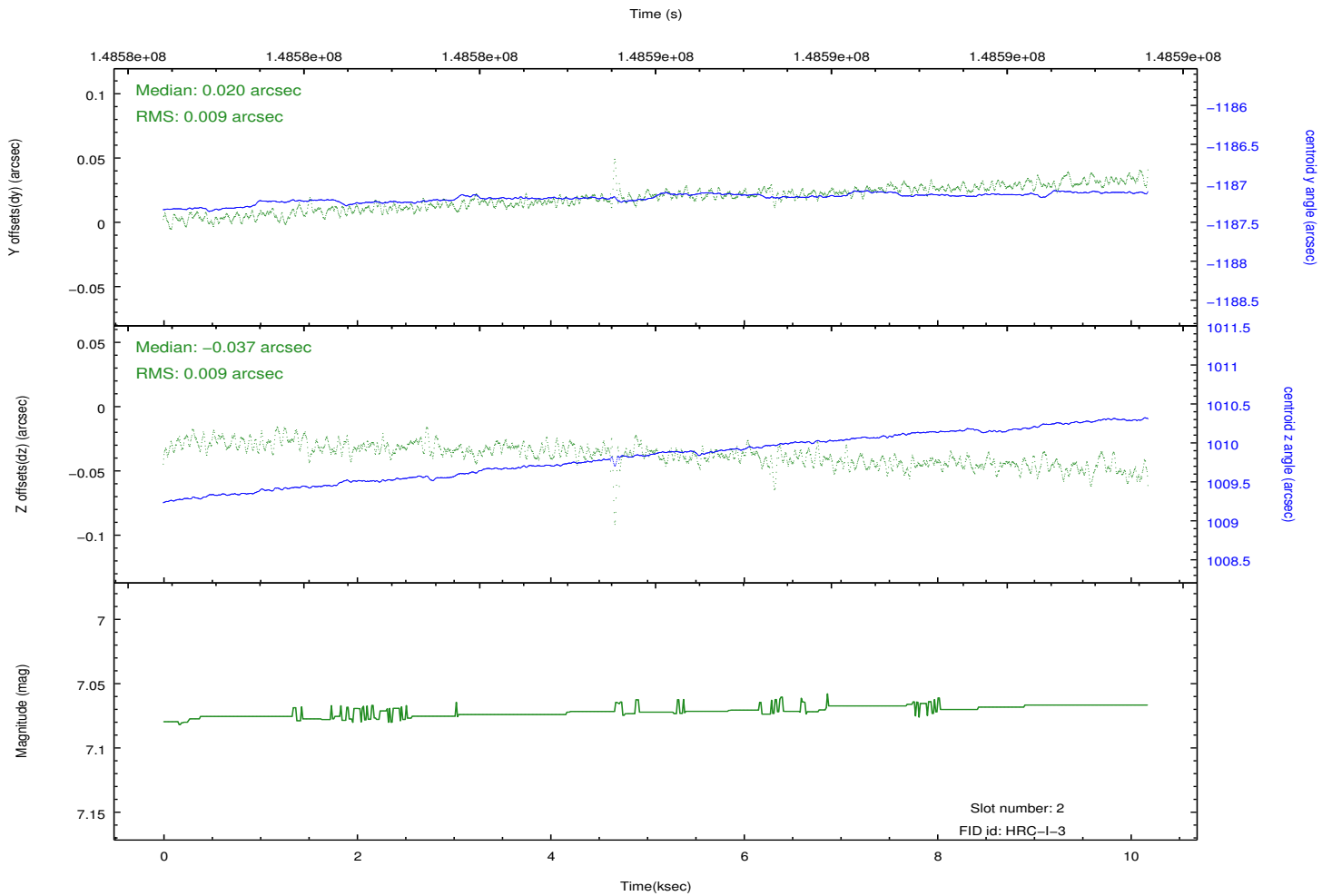
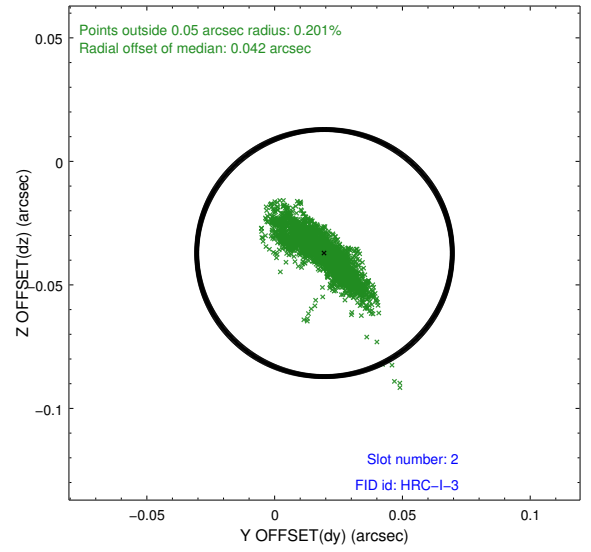
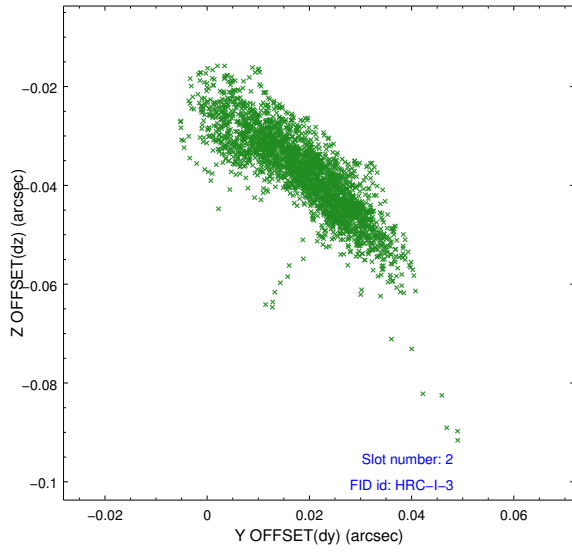
2.5.1 Slot 0



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)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.983

A.2 Comments

Monitor constraint met.