

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 722 - L2 Version 6
Chandra X-Ray Center

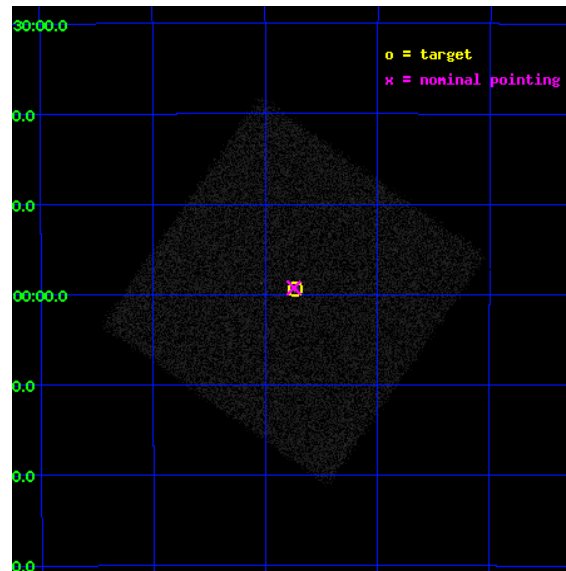
L2 Processing Date : Aug 28 2012

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1 Front

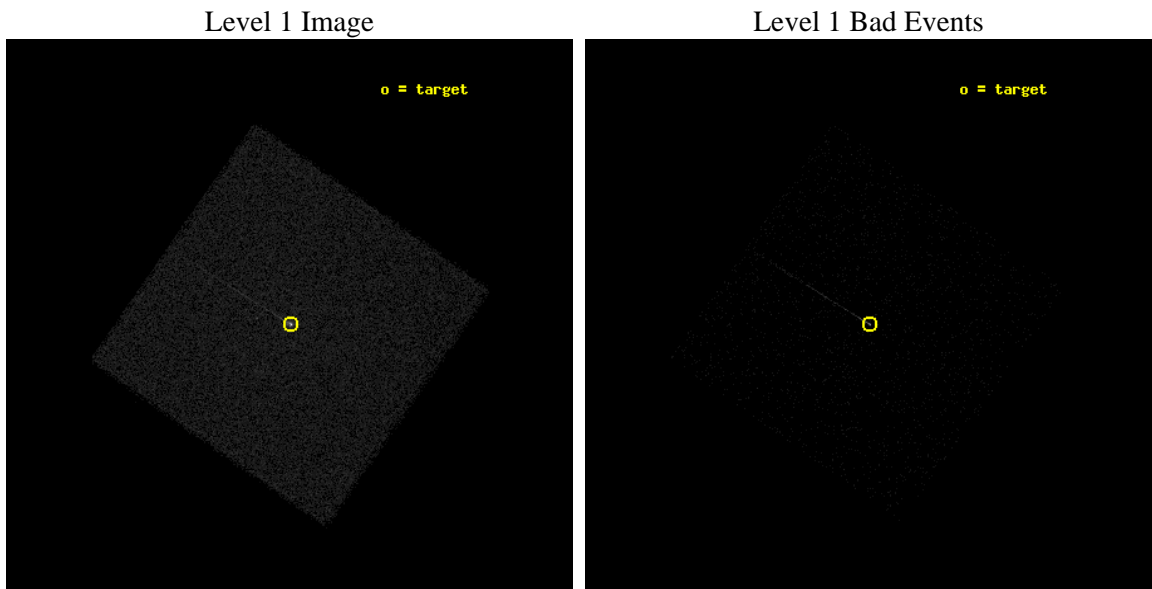
seq_num	400089	Sequence number
obs_id	722	Observation id
title	BRIGHT LMXB GLOBULAR CLUSTER SURVEY: NATURE, MASSES AND CLUSTER DYNAMICS	Proposal title
observer	Professor Johnathan Grindlay	Principal investigator
object	NGC 6652	Source name
ra_targ	278.9333	Observer's specified target RA [deg]
dec_targ	-32.9914	Observer's specified target Dec [deg]
ra_nom	278.93616241933	Nominal RA [deg]
dec_nom	-32.987973022571	Nominal Dec [deg]
roll_nom	79.95888737355	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1692.5313122123	[s]
livetime	1683.5675595435	Ontime multiplied by DTCOR
l2events	52437	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	1800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1692.5313122123	[s]
caldbver	4.5.1.1	 	l1events	91637	Number of level 1 events
date	2012-08-28T04:21:19	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

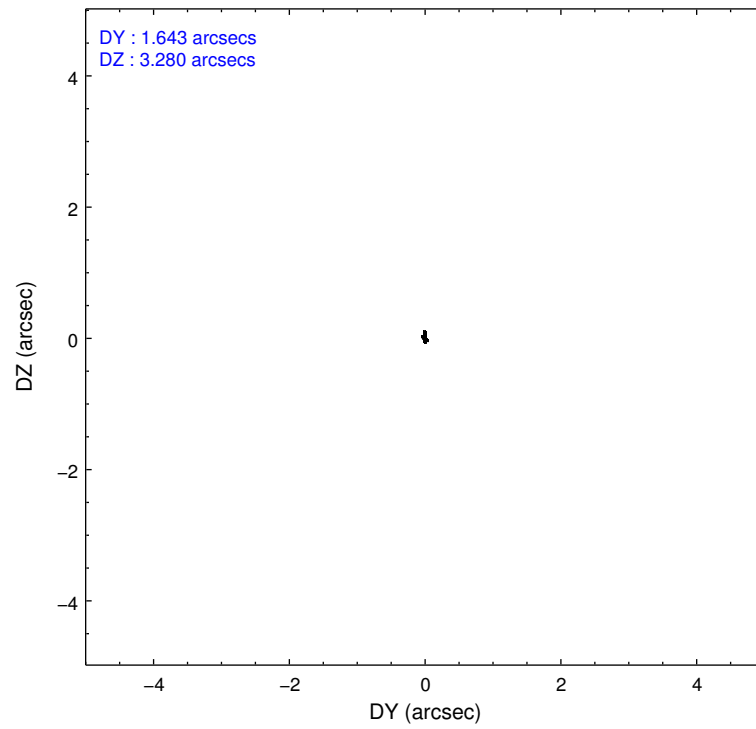
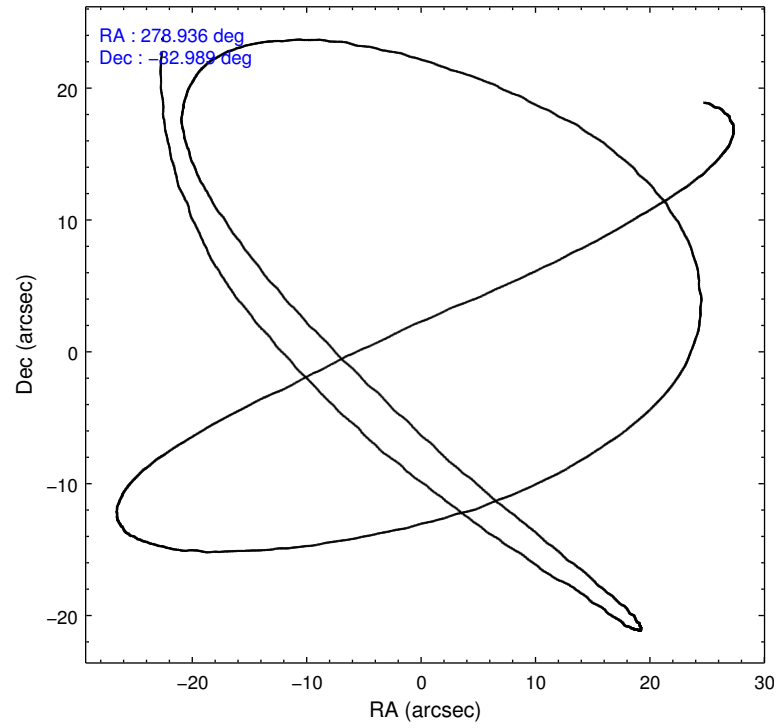
	segment 0
level 1 events	91637
rejected events	17129
rejected %	18%

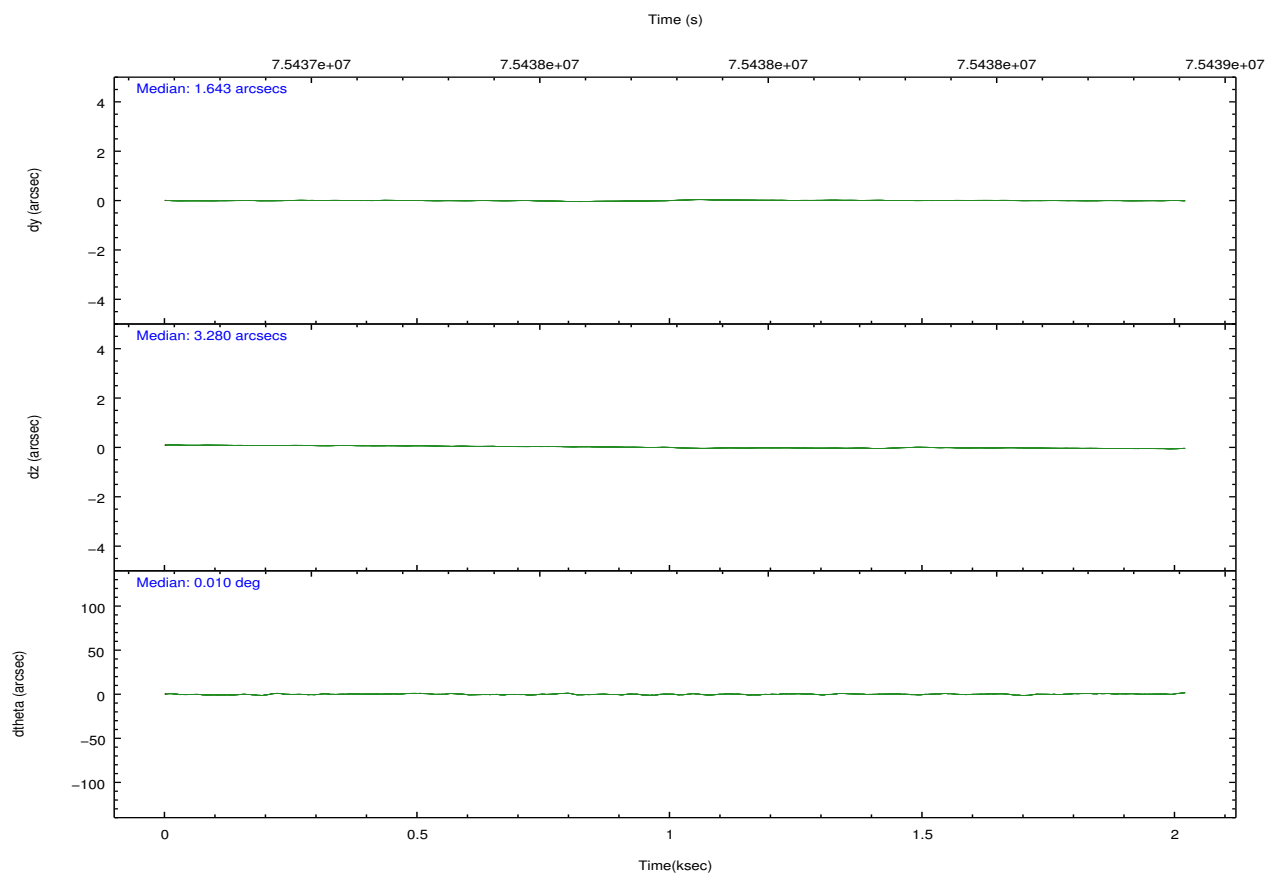
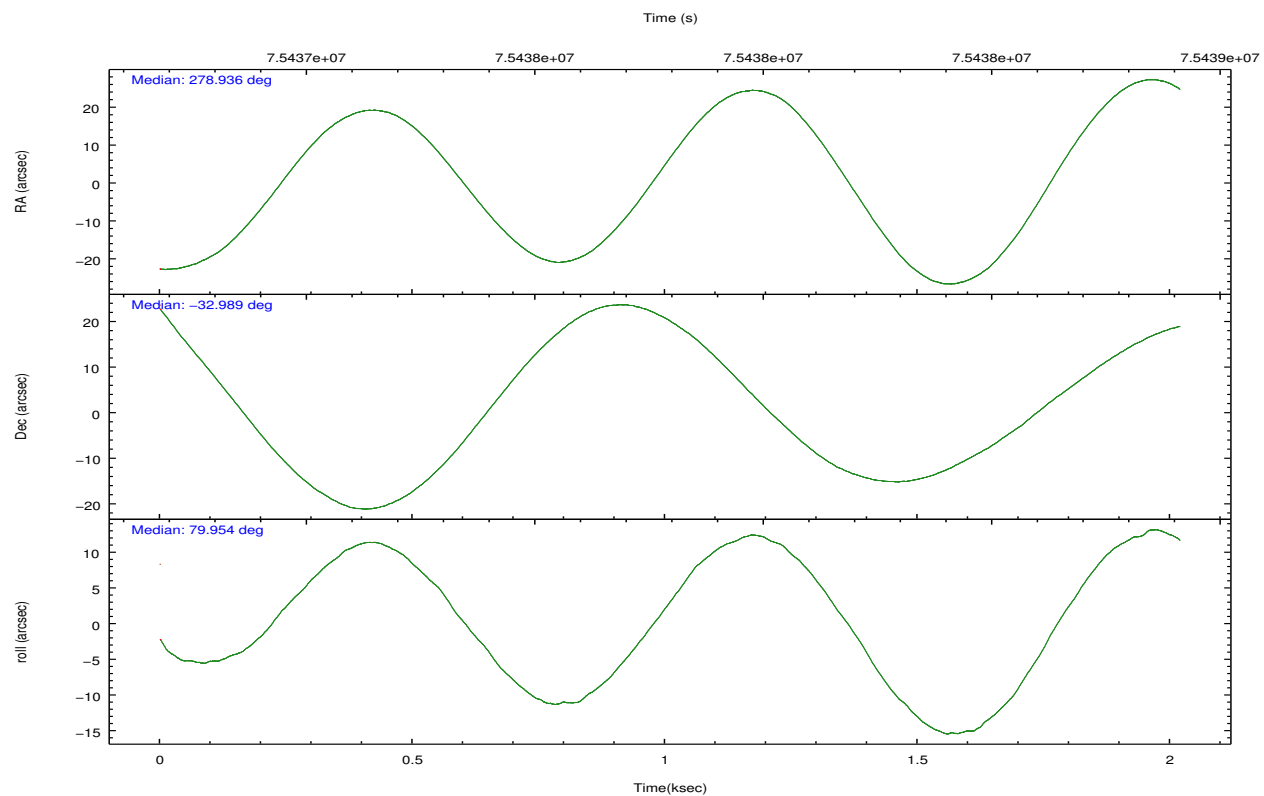
2.2 Compared Parameters

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	278.947717	278.9361624193329
[deg] Pointing Dec	-33.013154	-32.98797302257084
[deg] Pointing Roll	80.060633	79.95888737355034
[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)	75437006.184000	75435938.428479
Observation start date	2000-05-23T02:42:22	2000-05-23T02:25:38
[s] Observation end time (MET)	75438806.184000	75439194.341098
Observation end date	2000-05-23T03:12:22	2000-05-23T03:19:54

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

2.3 Aspect



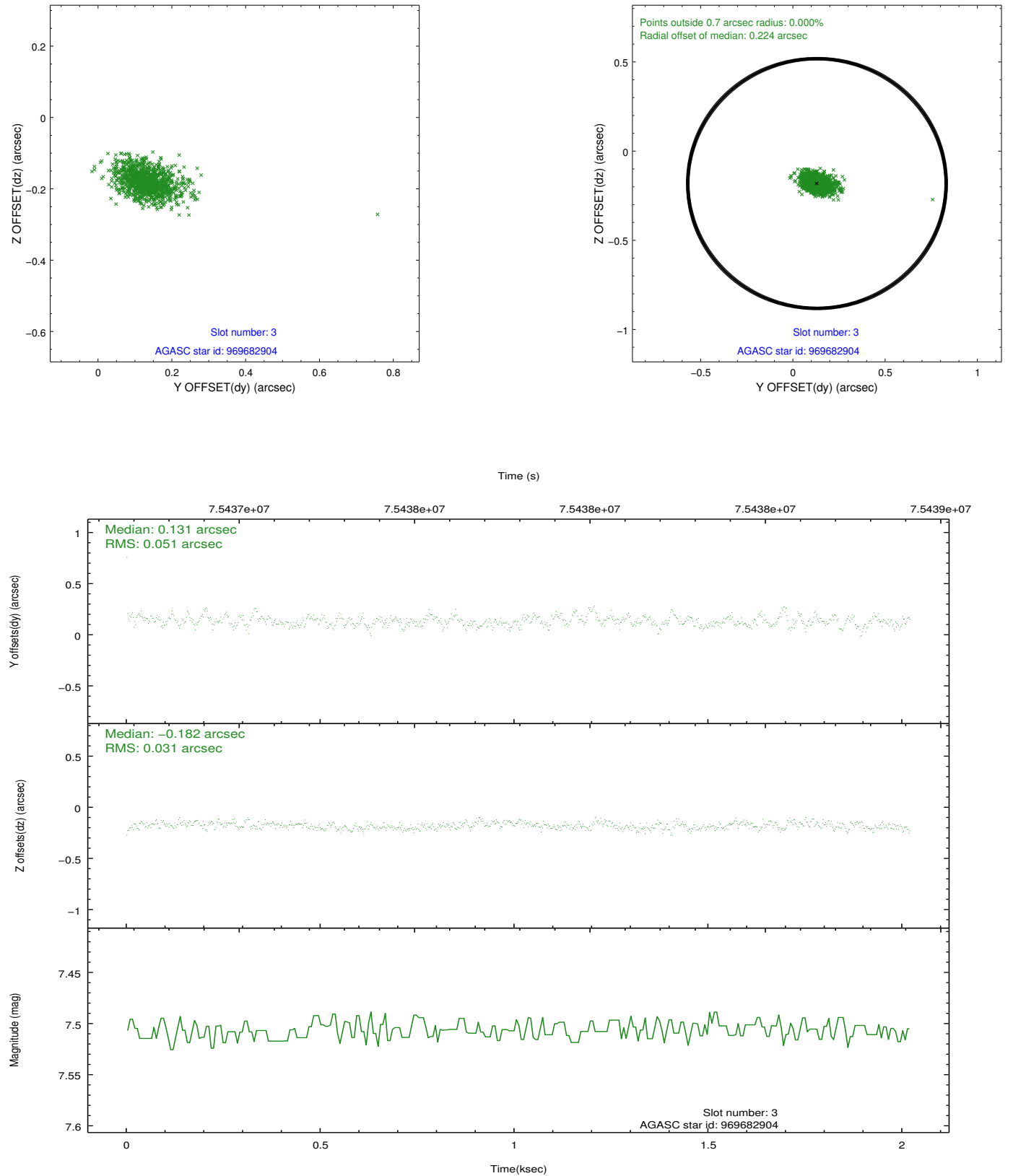


Slot Statistics

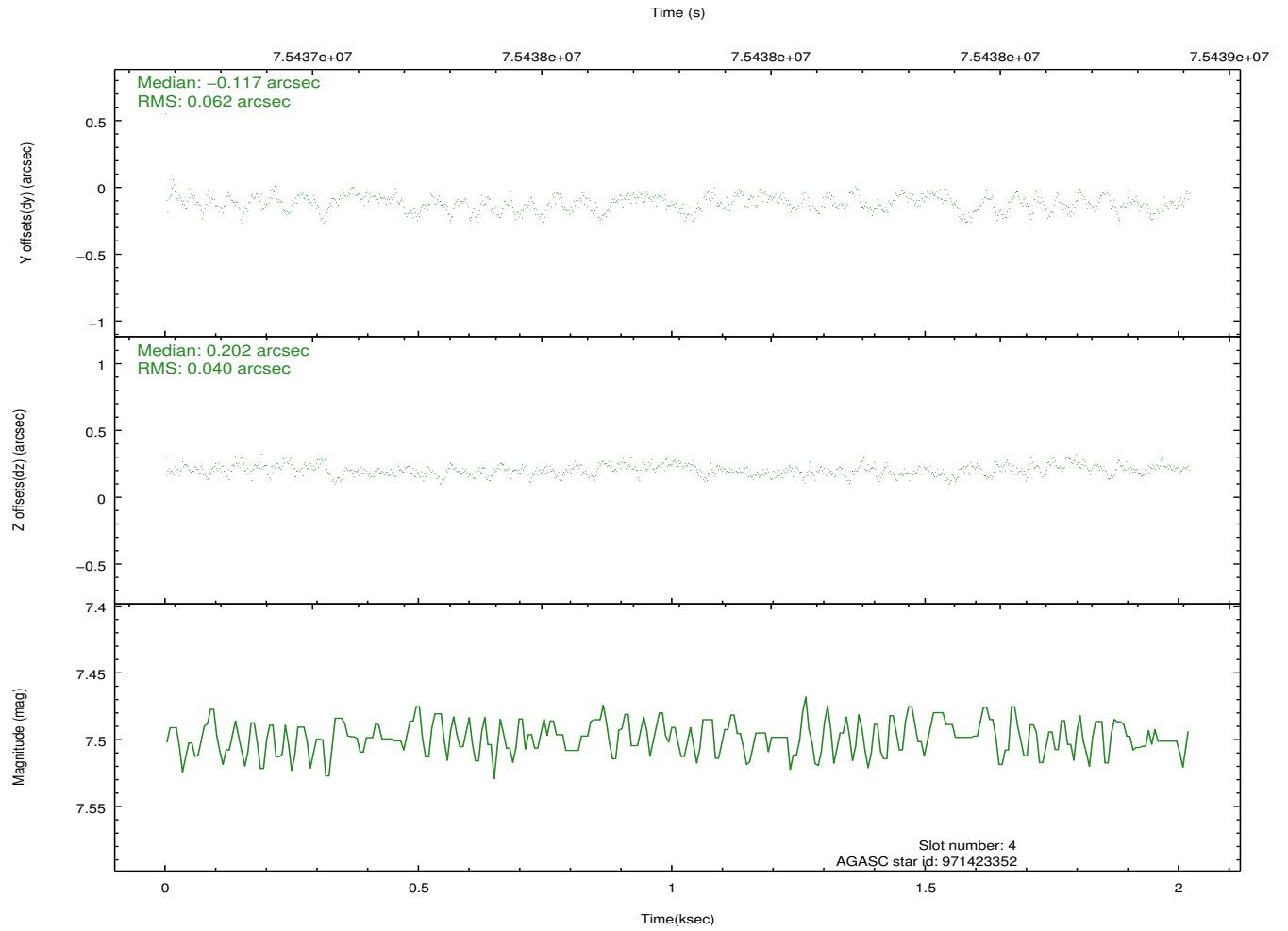
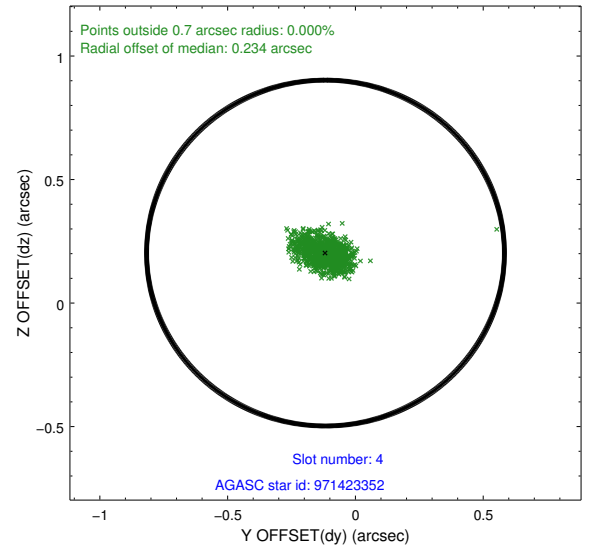
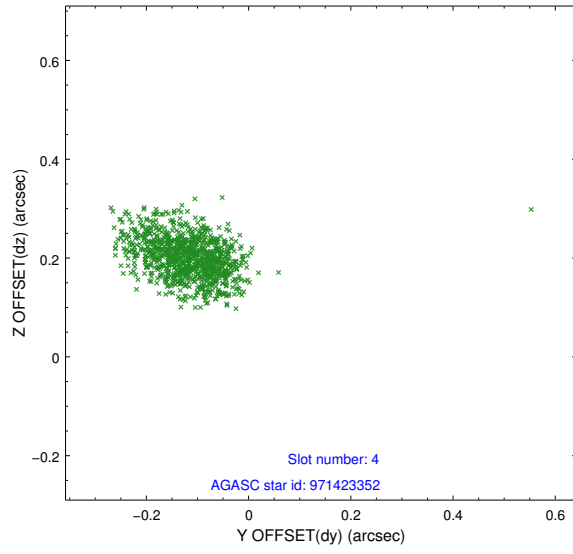
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	493	0.064	0.036	0.006	0.011	0.000000	0.000000	-757.05	-1291.03
1	FID	HRC-I-3	7.03	493	0.033	-0.058	0.007	0.011	0.000000	0.000000	-1187.05	1010.84
2	FID	HRC-I-4	6.98	493	0.016	-0.067	0.006	0.009	0.000000	0.000000	1283.34	1013.04
3	GUIDE	969682904	7.51	986	0.131	-0.182	0.058	0.102	278.298892	-33.428263	-1811.53	1661.17
4	GUIDE	971423352	7.50	986	-0.117	0.202	0.075	0.121	279.582511	-32.685816	1488.08	-1689.81
5	GUIDE	969673600	8.82	986	-0.125	-0.091	0.062	0.105	278.807930	-32.482790	1811.33	746.34
6	GUIDE	971381680	9.16	986	0.121	0.139	0.078	0.133	279.401665	-33.691839	-2169.85	-1760.61
7	GUIDE	969678056	9.51	985	-0.009	-0.057	0.090	0.149	278.719463	-32.728254	890.83	856.34

2.4 Star Slots

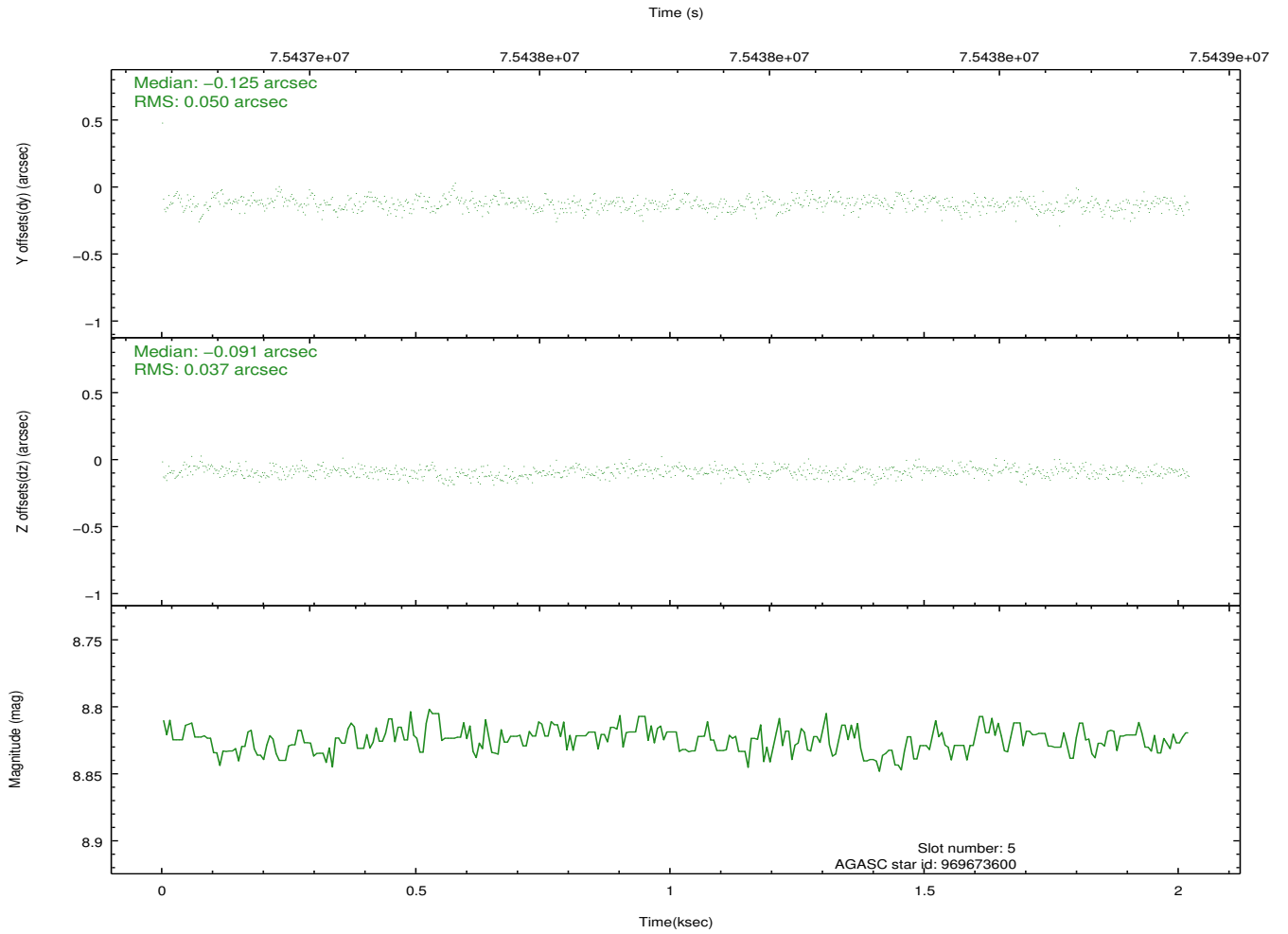
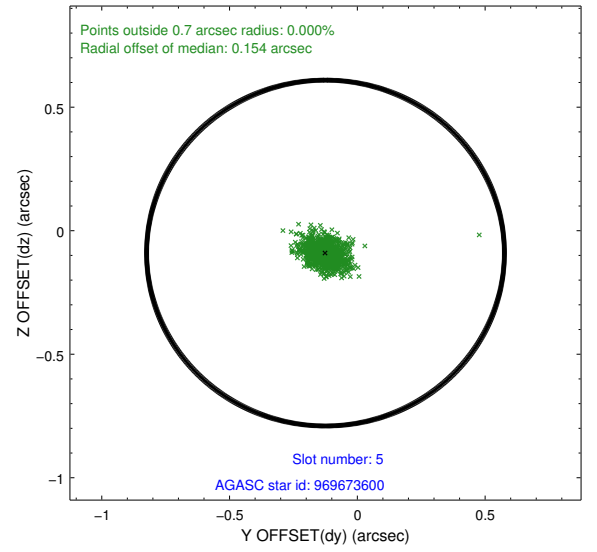
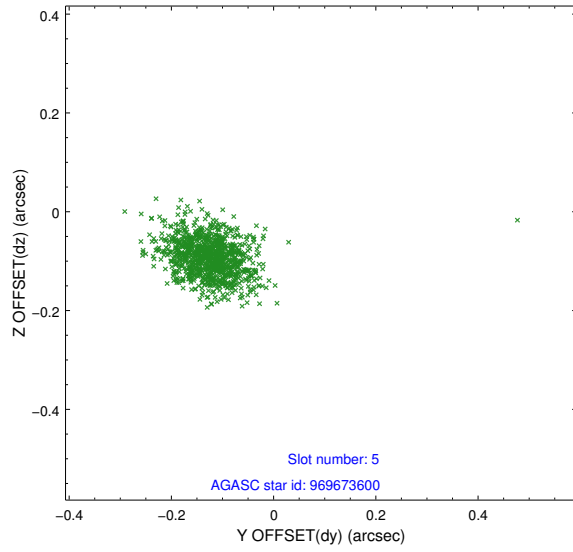
2.4.1 Slot 3



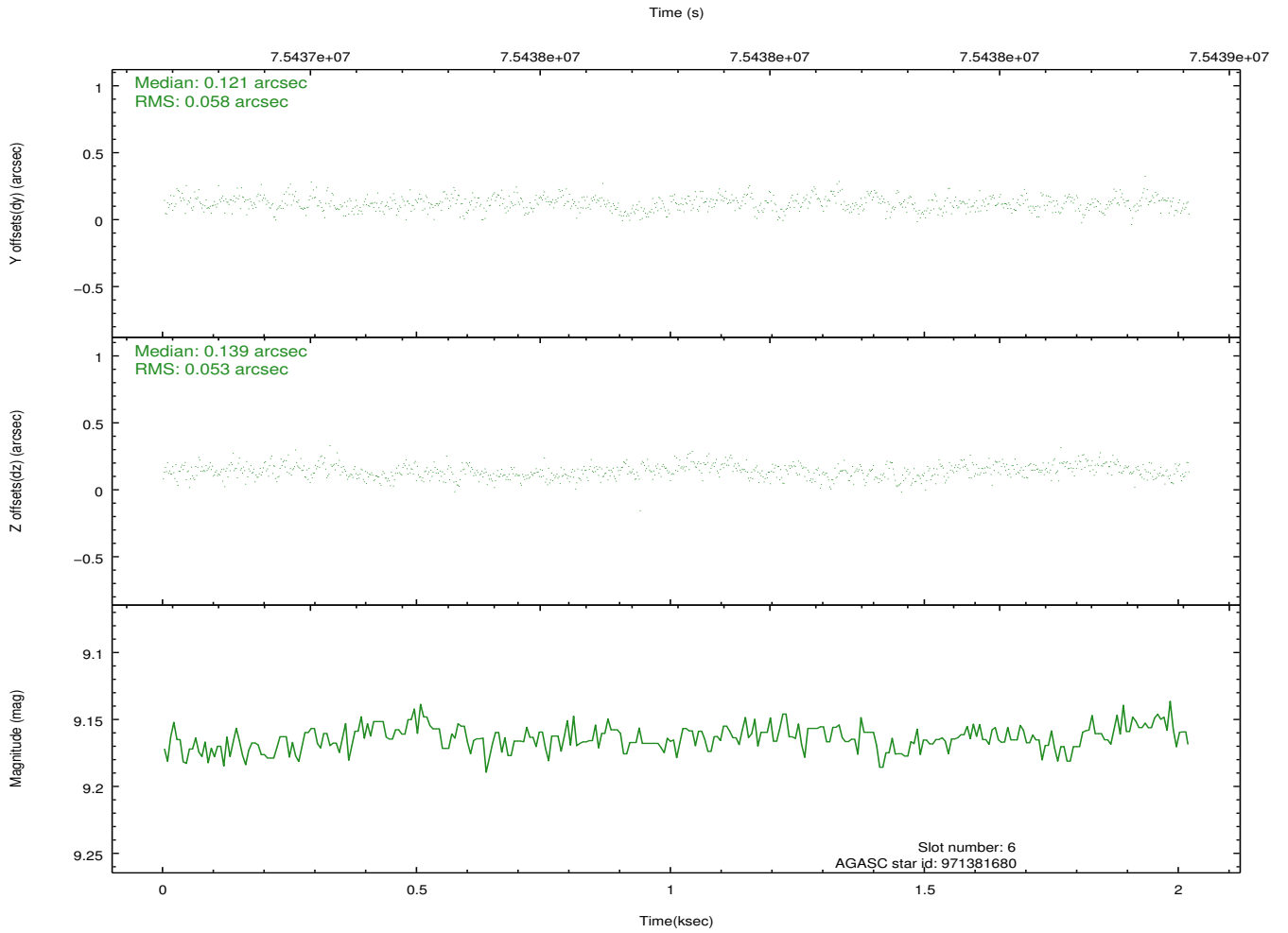
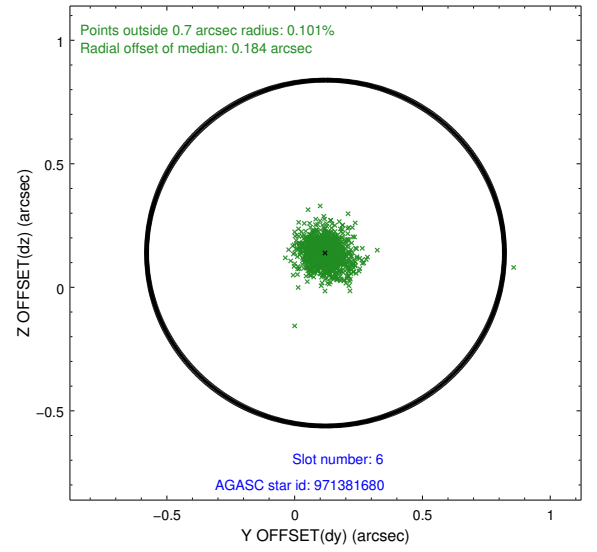
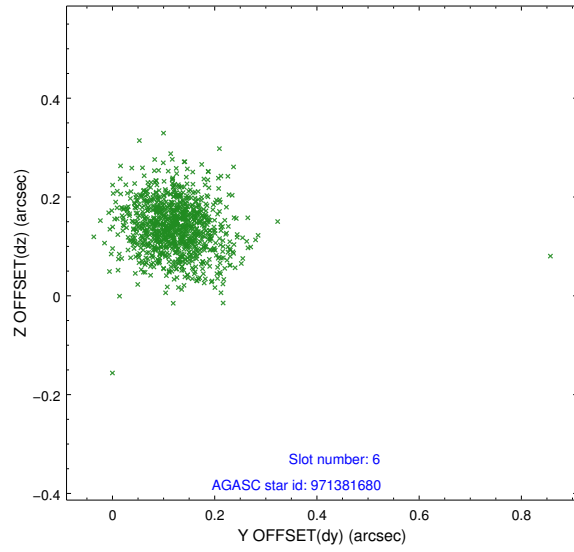
2.4.2 Slot 4



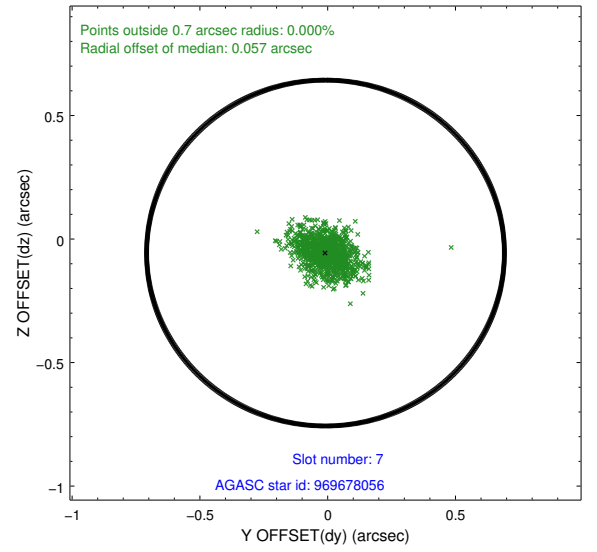
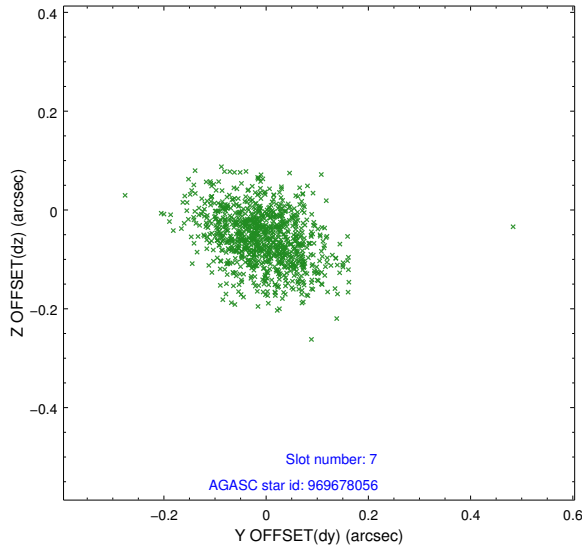
2.4.3 Slot 5



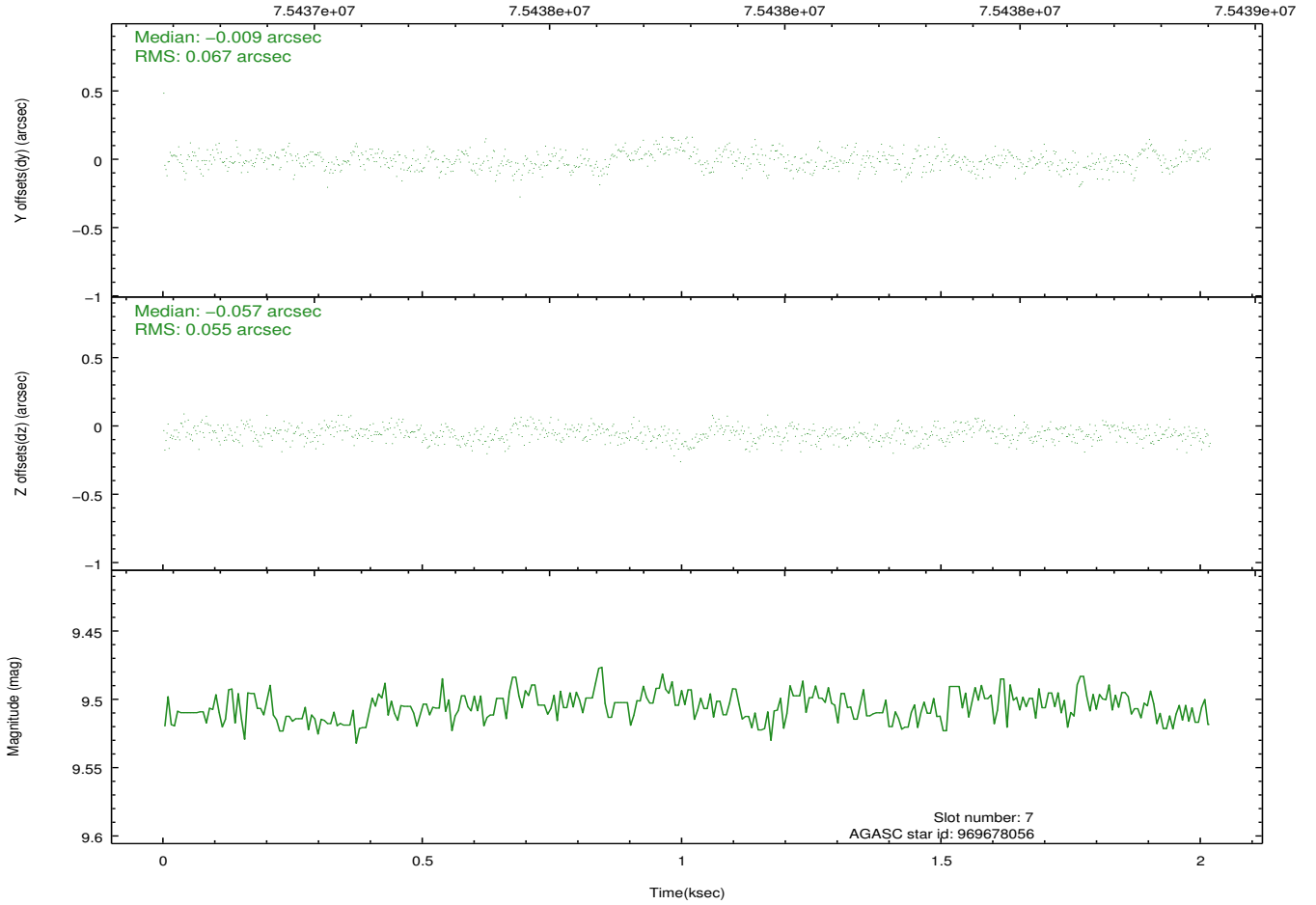
2.4.4 Slot 6



2.4.5 Slot 7

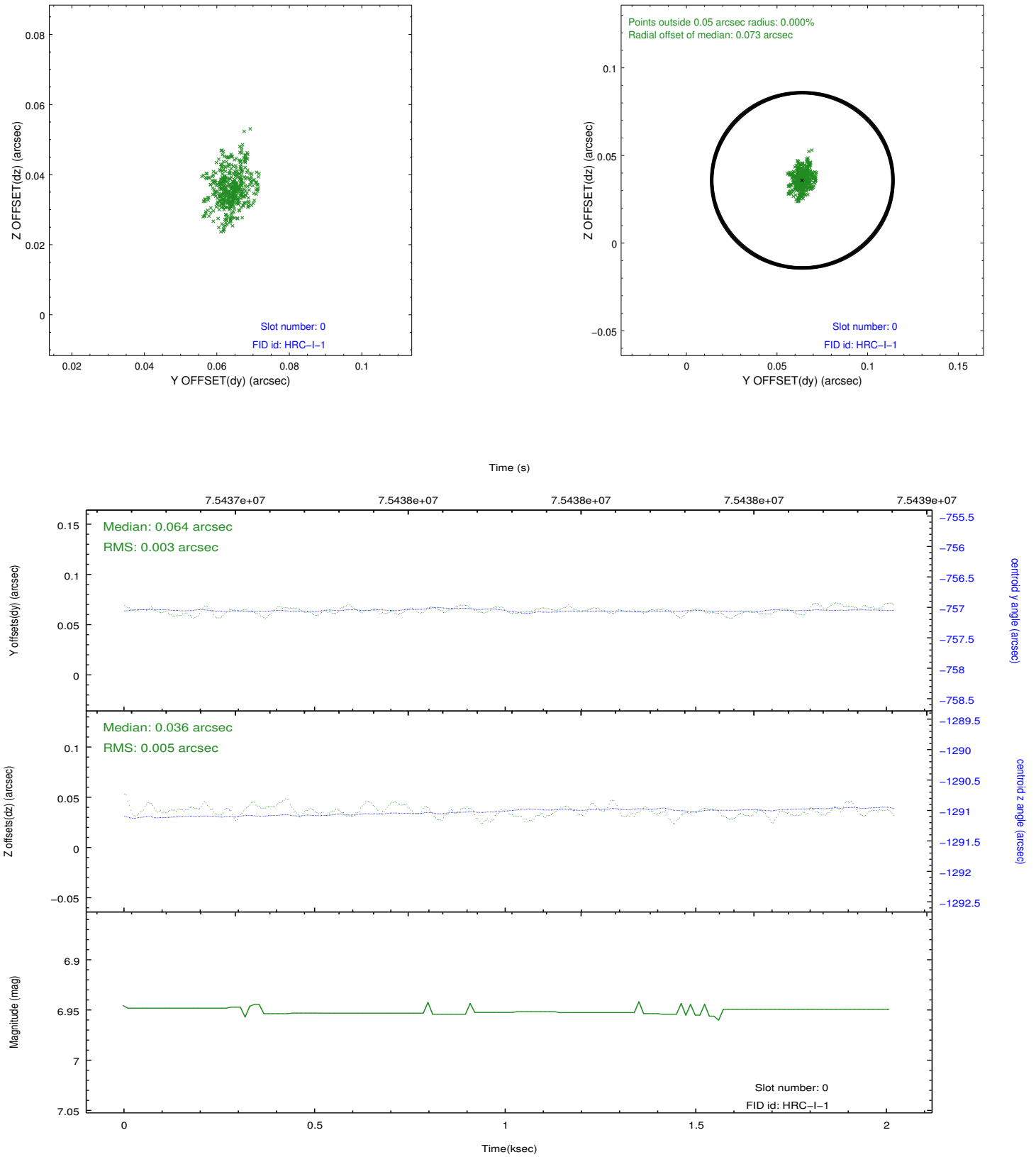


Time (s)

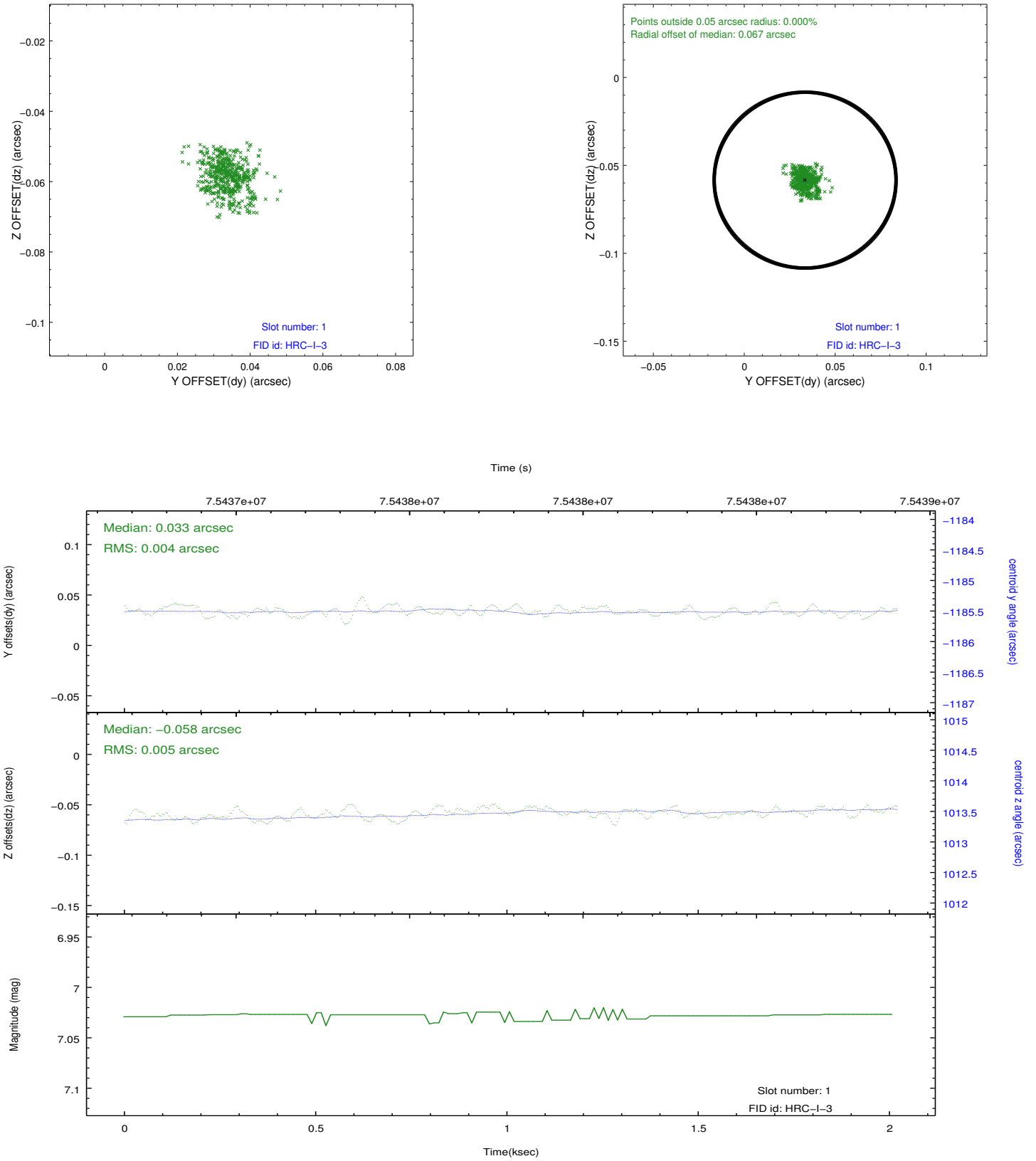


2.5 FID Slots

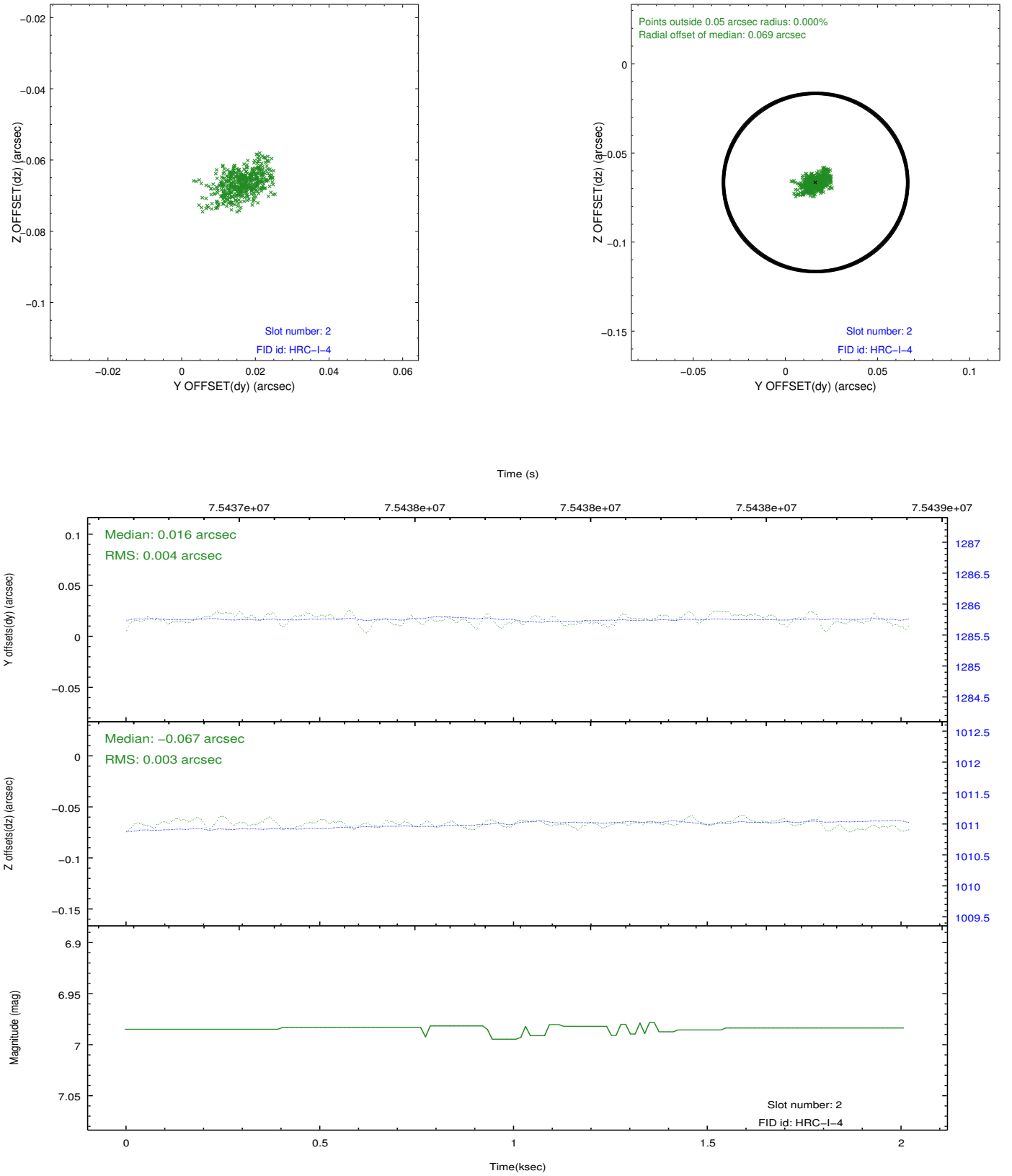
2.5.1 Slot 0



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)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.692

A.2 Comments