

# V&V Reference Report

## L2 ASCDS Version : 8.4.3.1

Observation 6590 - L2 Version 4  
Chandra X-Ray Center

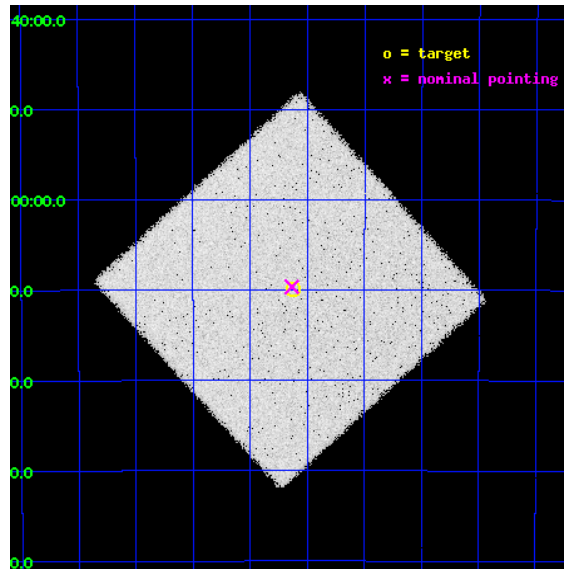
L2 Processing Date : Aug 10 2012

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# 1 Front

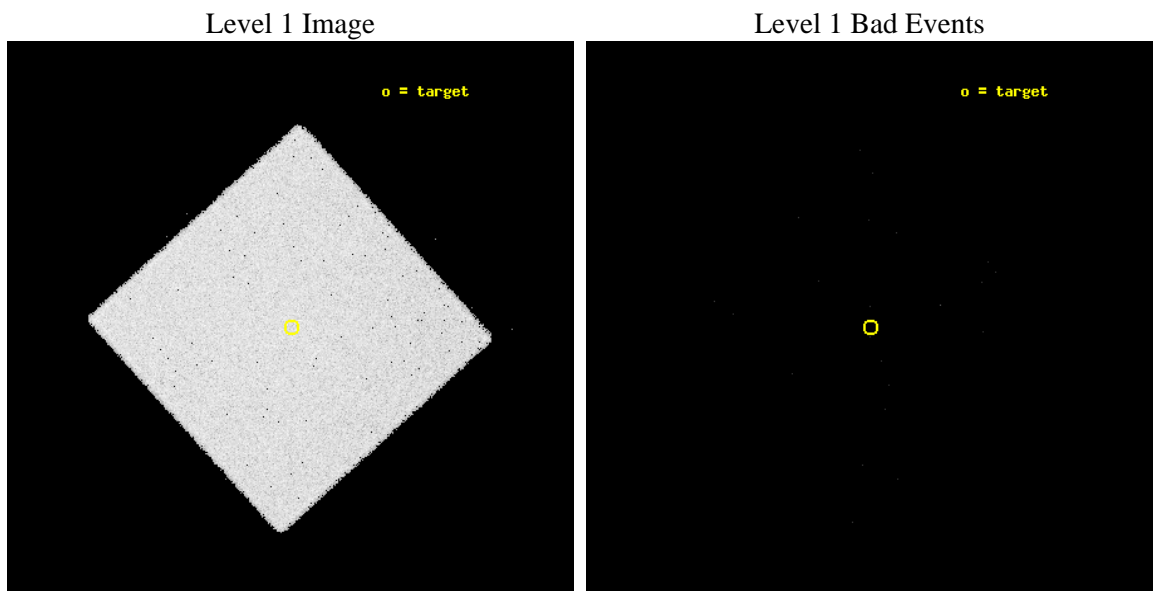
seq_num	400495	Sequence number
obs_id	6590	Observation id
title	Unveiling A New Class of Fast Transient Binaries	Proposal title
observer	Prof. David Smith	Principal investigator
object	XTE J1755-312	Source name
ra_targ	268.782083	Observer's specified target RA [deg]
dec_targ	-31.164306	Observer's specified target Dec [deg]
ra_nom	268.78360646582	Nominal RA [deg]
dec_nom	-31.160656860181	Nominal Dec [deg]
roll_nom	92.757912617068	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5132.4314886034	[s]
livetime	5090.8838312659	Ontime multiplied by DTCOR
l2events	226383	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5132.4314886034	[s]
caldbver	4.5.1.1	&#160	l1events	422004	Number of level 1 events
date	2012-08-11T02:05:14	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	422004
rejected events	84819
rejected %	20%

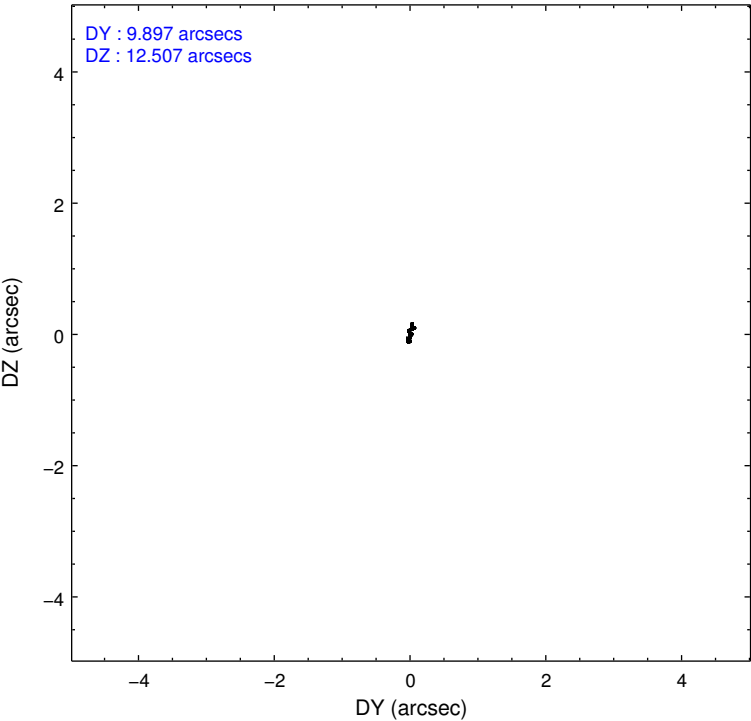
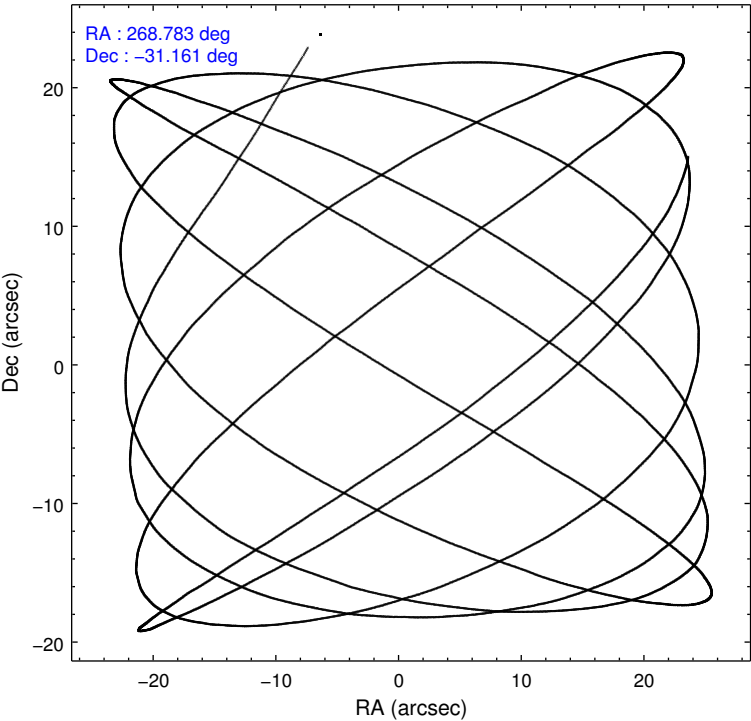


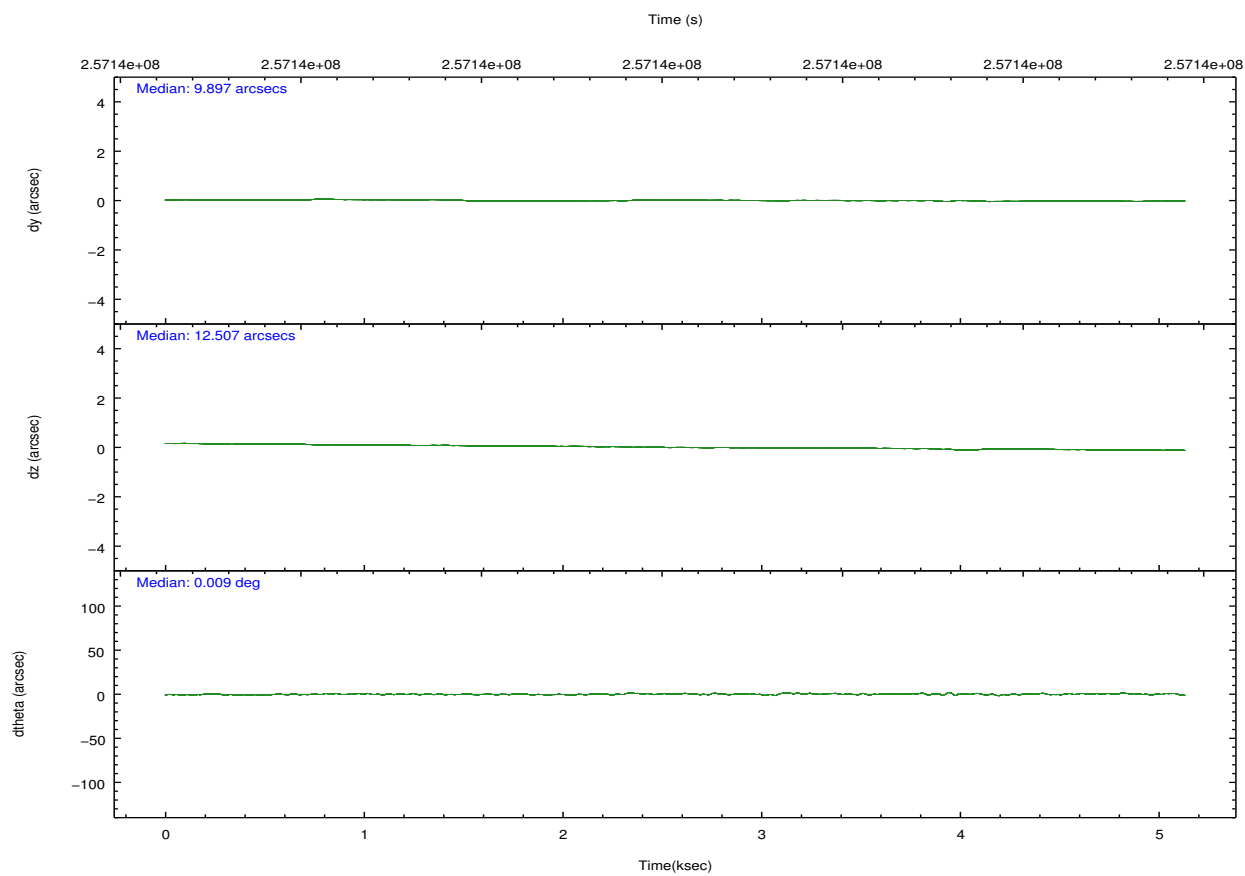
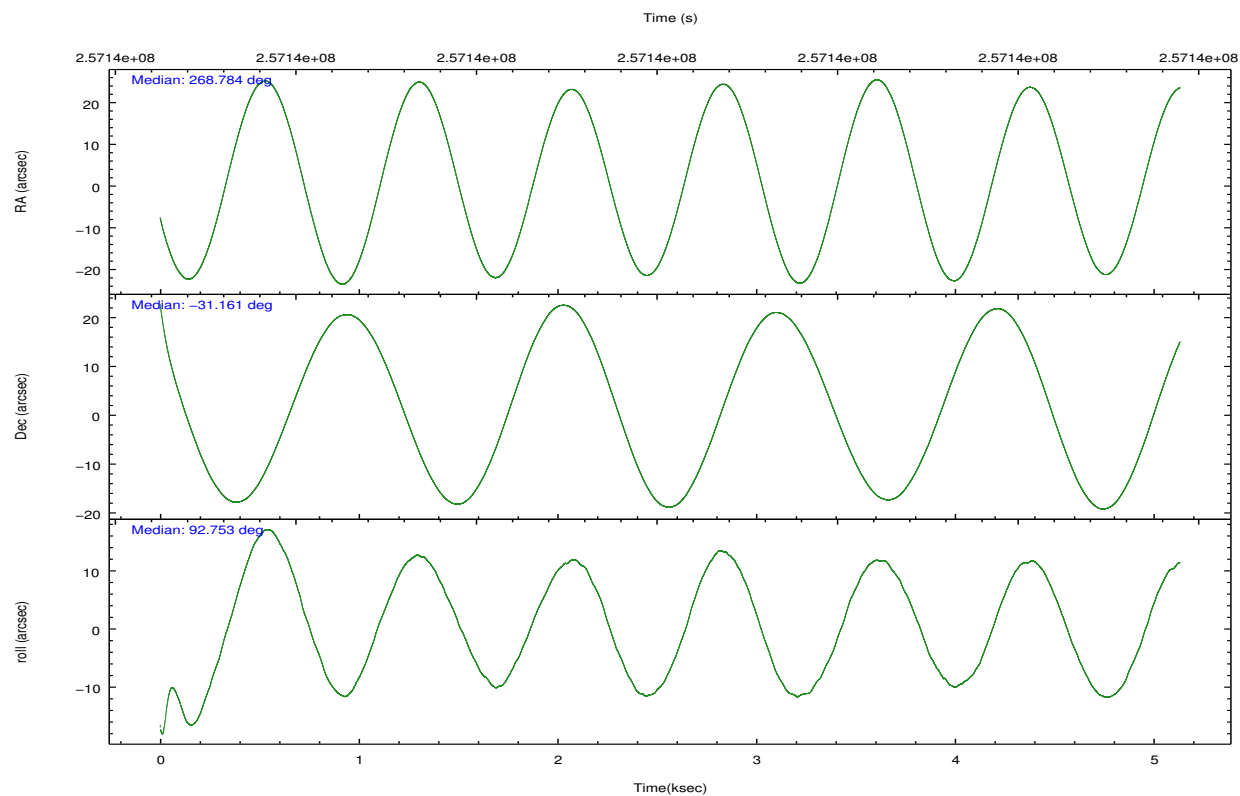
## 2.2 Compared Parameters

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	268.801500	268.7836064658208
[deg] Pointing Dec	-31.182837	-31.16065686018088
[deg] Pointing Roll	92.862711	92.7579126170678
[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)	257137635.184000	257136220.59533
Observation start date	2006-02-24T03:06:10	2006-02-24T02:43:40
[s] Observation end time (MET)	257142635.184000	257142886.17064
Observation end date	2006-02-24T04:29:30	2006-02-24T04:34:46

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

2.3 Aspect



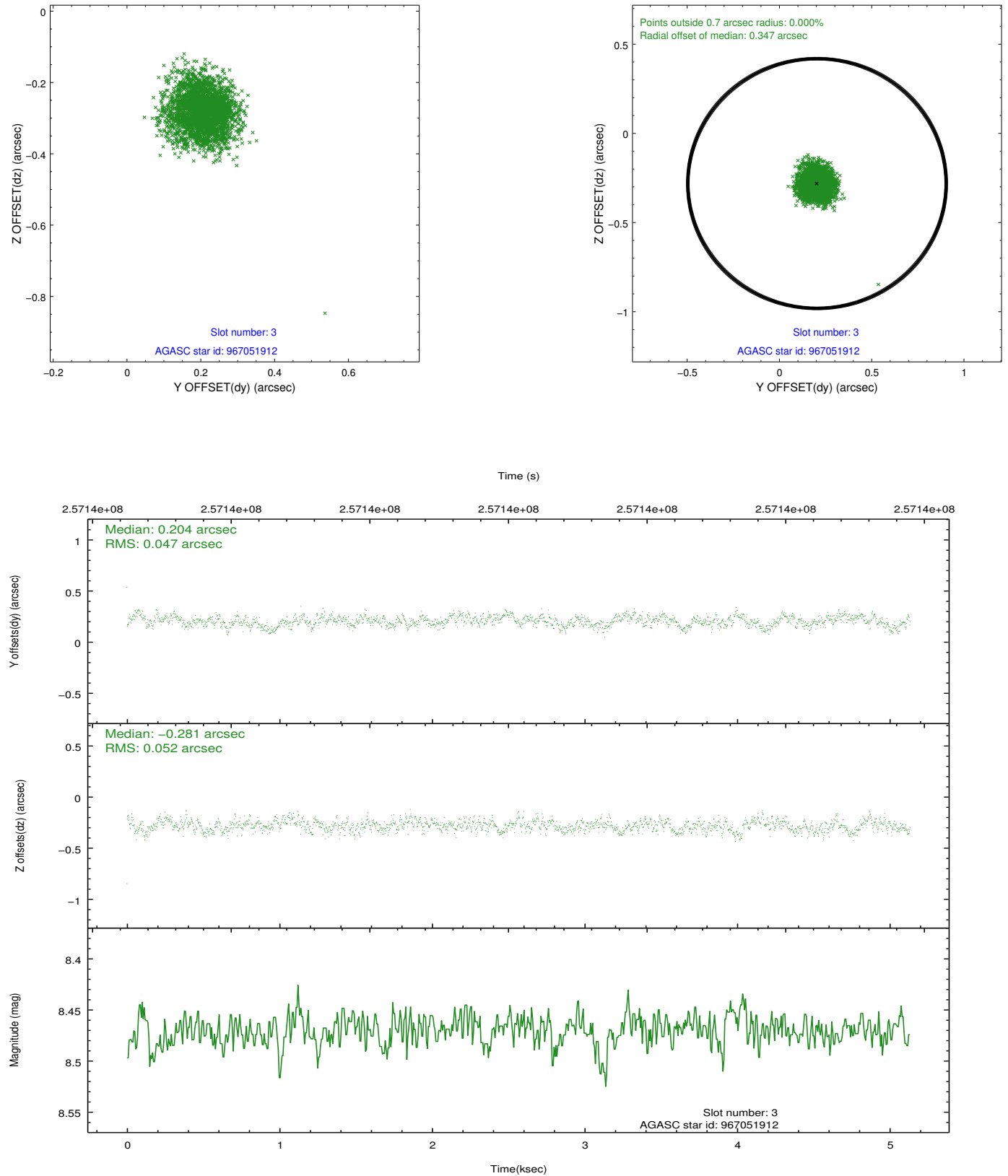


### Slot Statistics

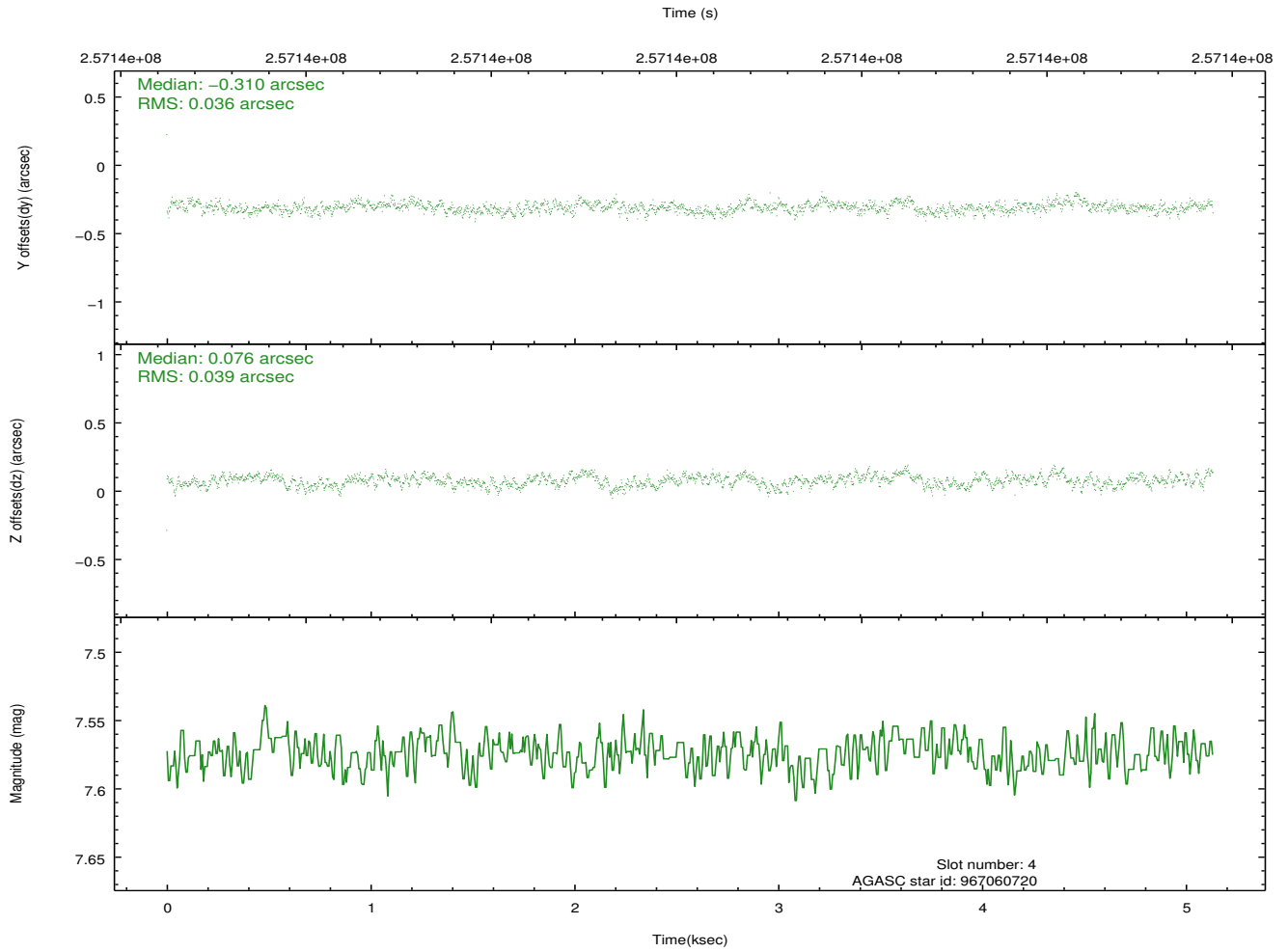
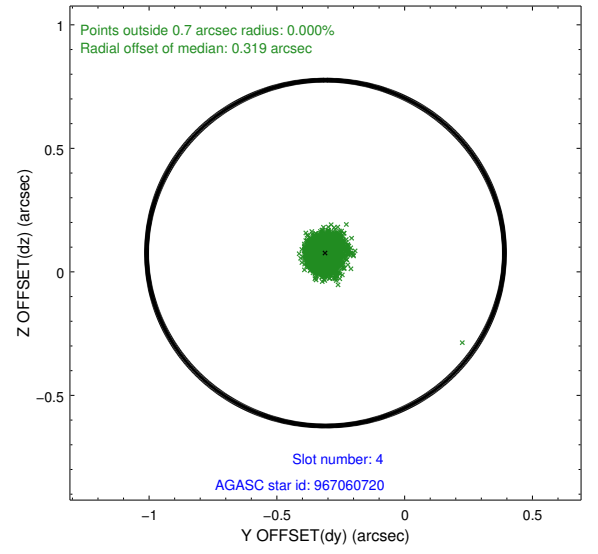
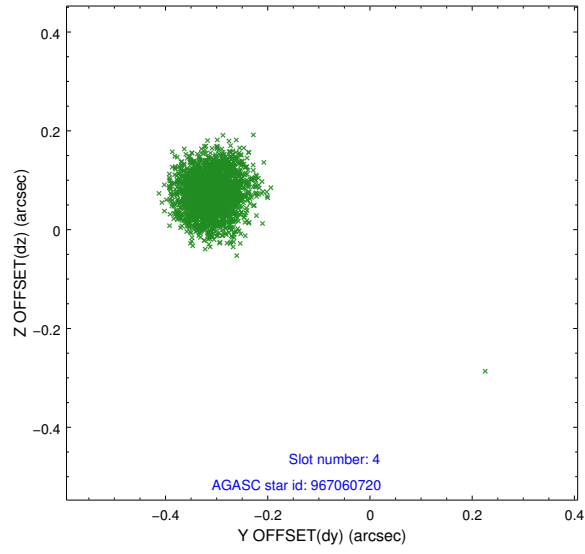
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.05	1252	0.118	-0.099	0.007	0.011	0.000000	0.000000	847.18	-1302.20
1	FID	HRC-I-3	7.10	1253	-0.083	0.056	0.007	0.013	0.000000	0.000000	-1193.45	1003.06
2	FID	HRC-I-4	7.04	1252	0.084	-0.043	0.008	0.014	0.000000	0.000000	1276.37	1002.39
3	GUIDE	967051912	8.47	2505	0.204	-0.281	0.075	0.117	268.273969	-31.339032	-483.26	1647.61
4	GUIDE	967060720	7.57	2505	-0.310	0.076	0.056	0.088	268.816262	-30.601019	2090.37	-149.77
5	GUIDE	967068464	8.46	2505	-0.000	0.099	0.074	0.121	269.383193	-31.015059	511.14	-1822.71
6	GUIDE	967068672	8.59	2505	0.351	0.138	0.072	0.115	269.254665	-31.650183	-1750.69	-1304.05
7	GUIDE	967054592	7.95	2503	-0.244	-0.024	0.071	0.112	268.937317	-30.571672	2176.49	-531.09

## 2.4 Star Slots

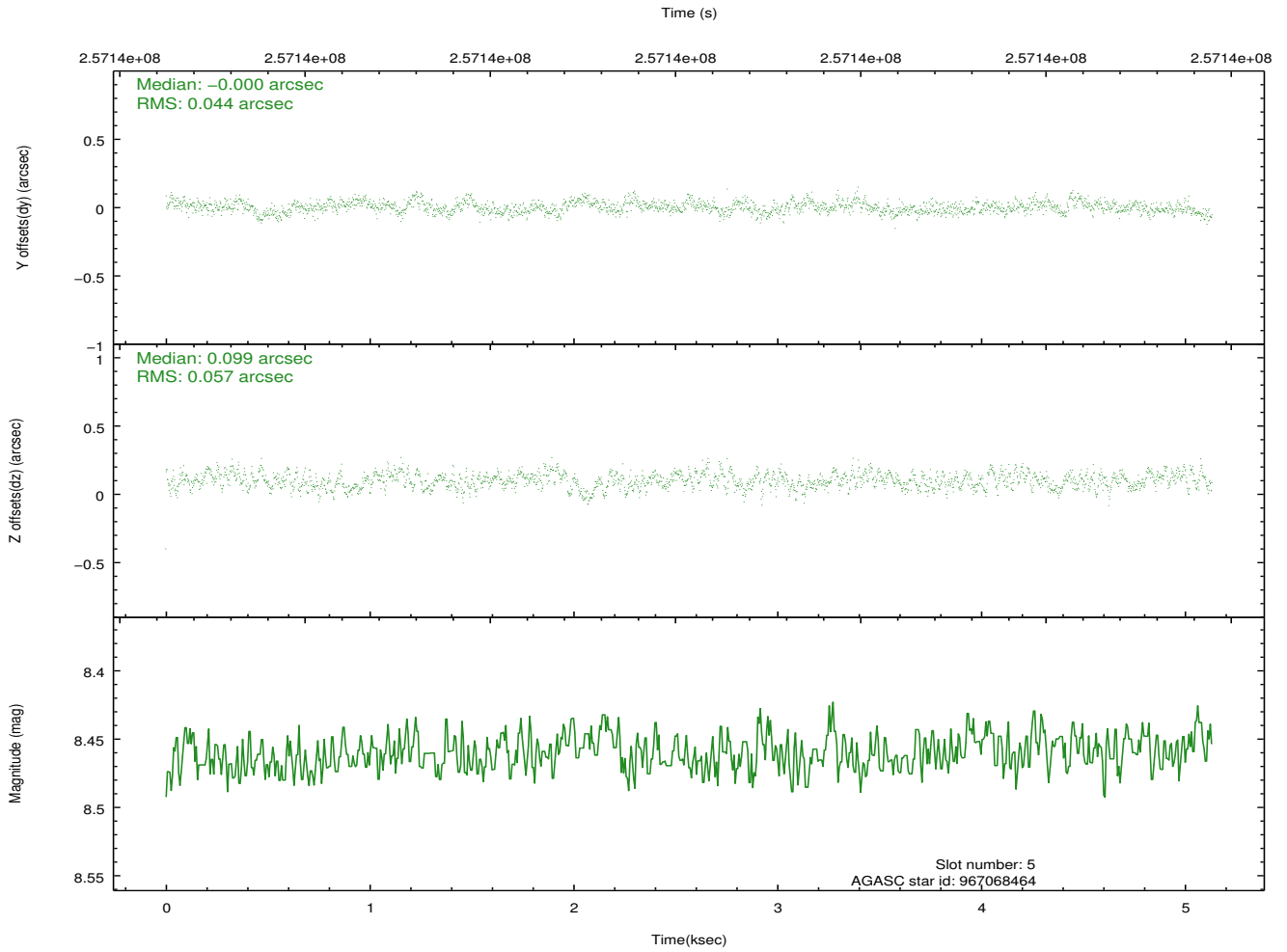
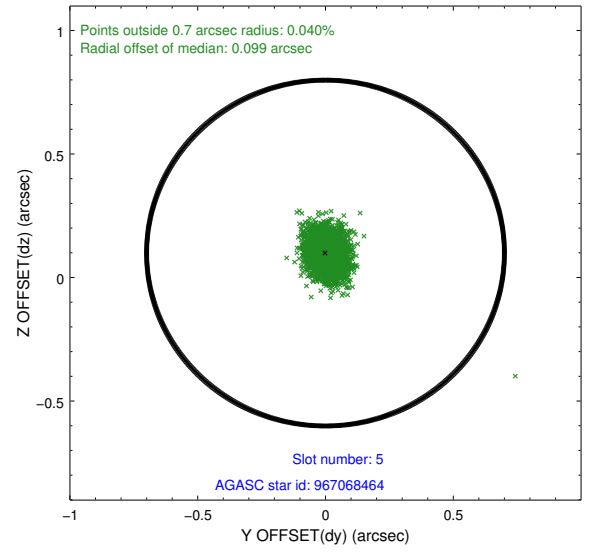
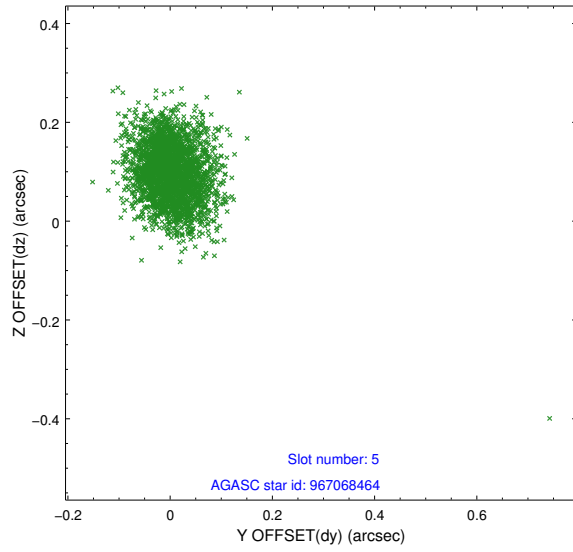
### 2.4.1 Slot 3



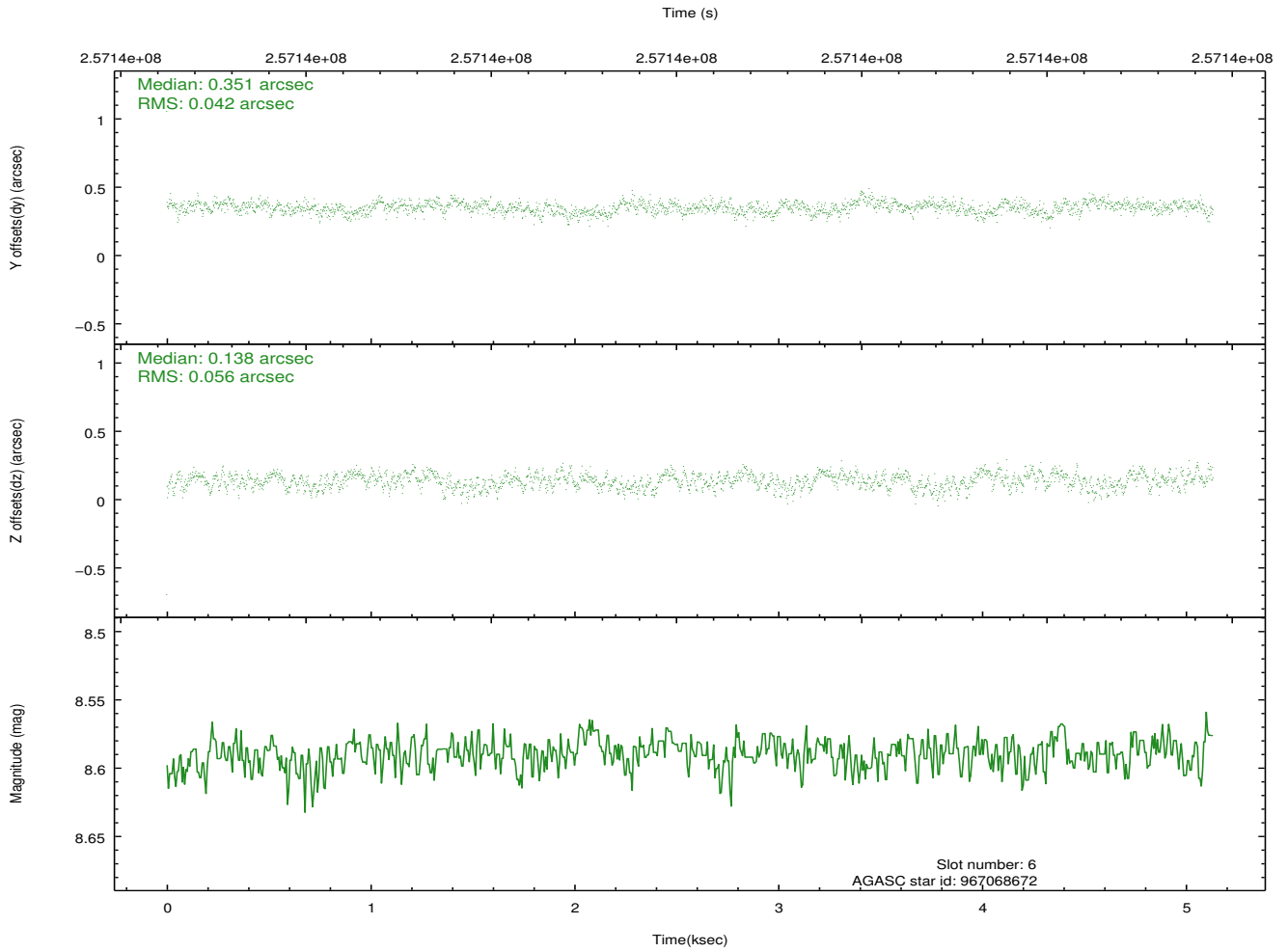
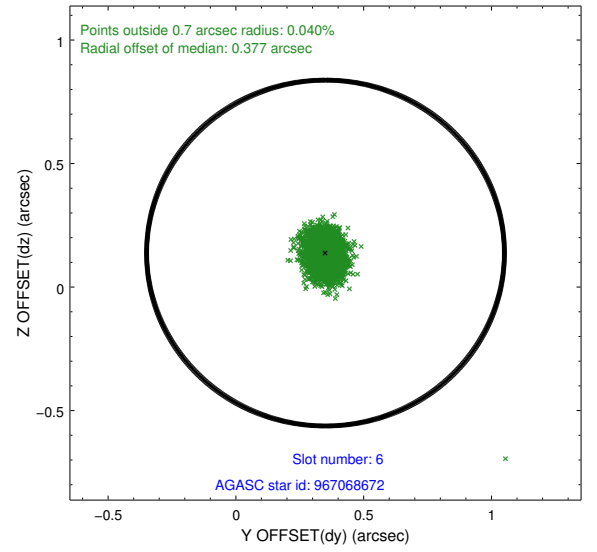
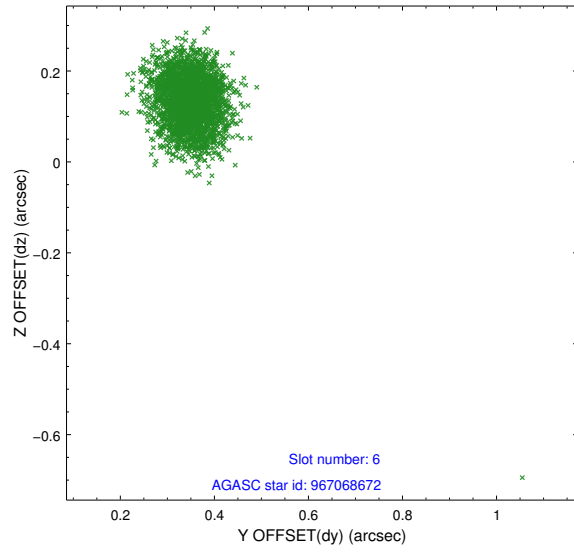
## 2.4.2 Slot 4



### 2.4.3 Slot 5

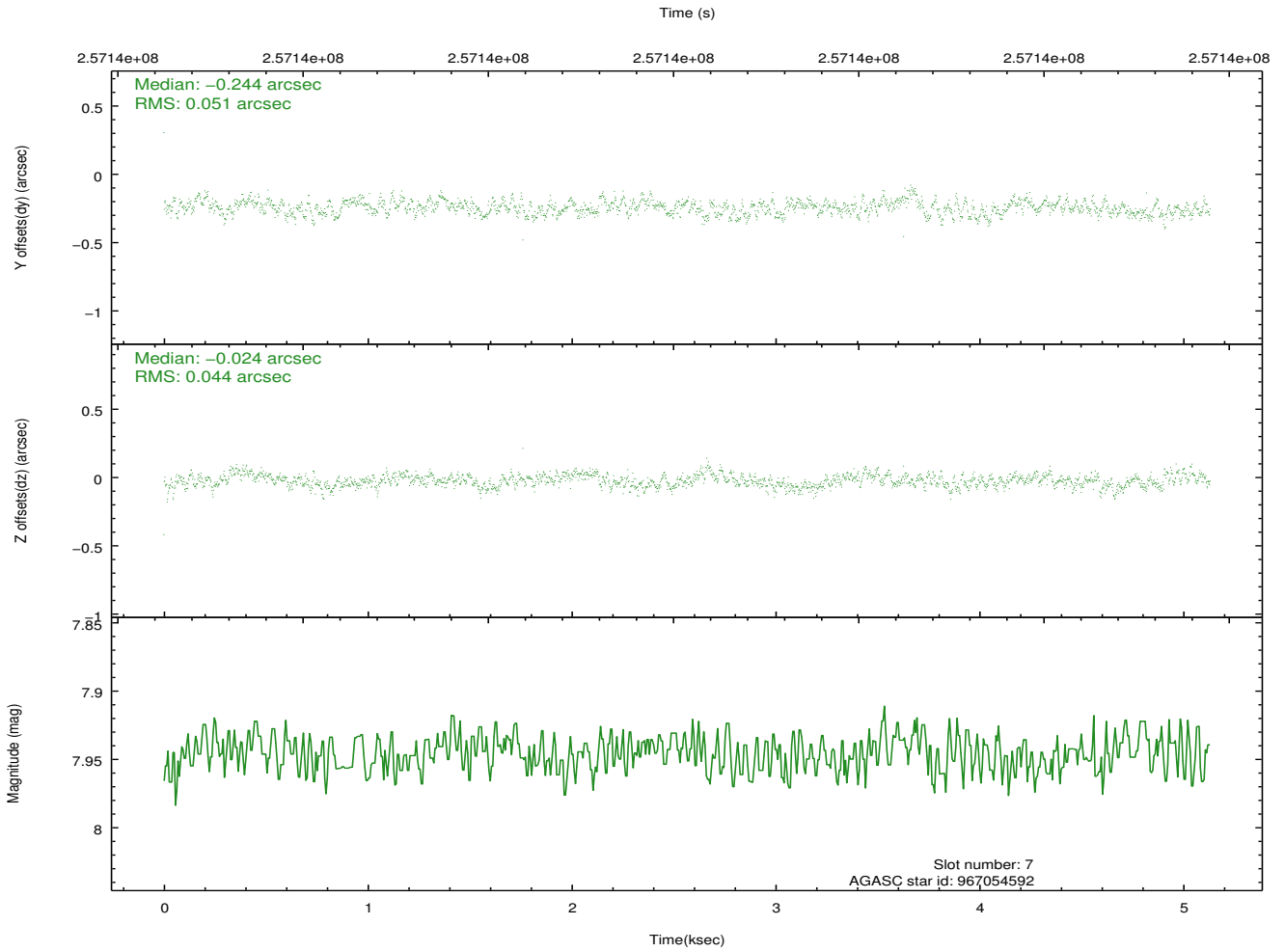
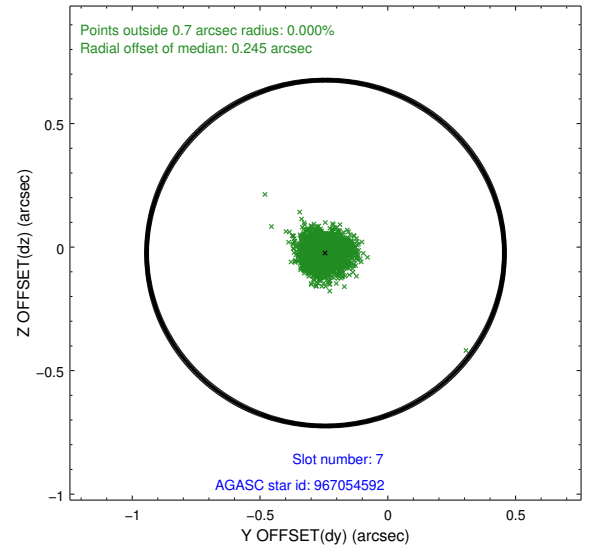
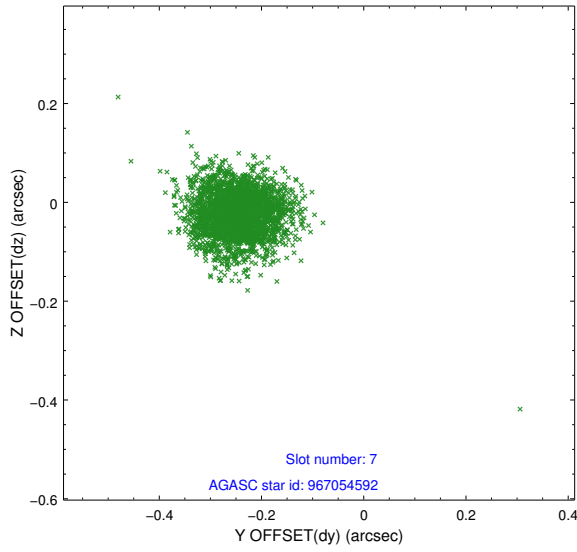


## 2.4.4 Slot 6



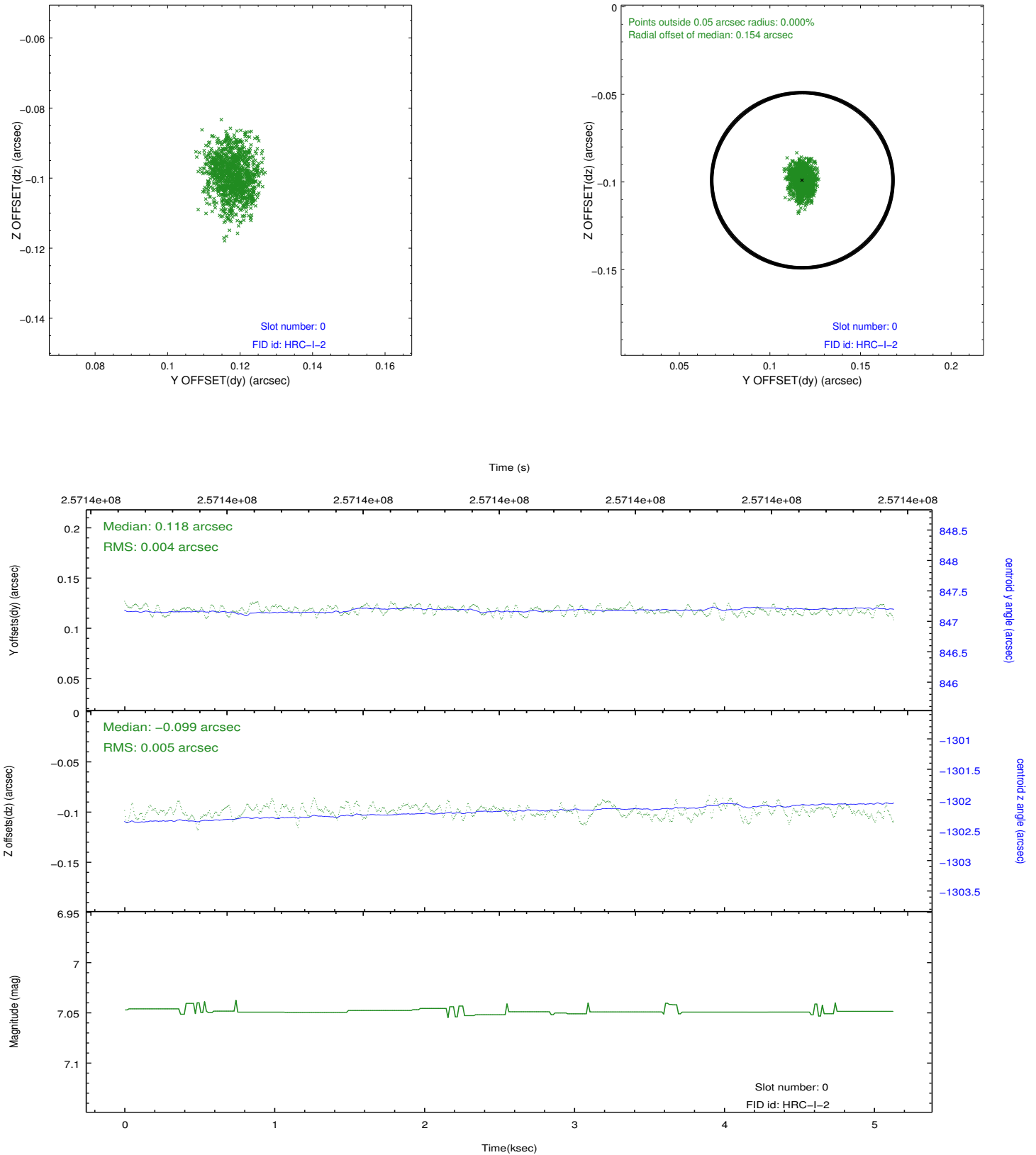


## 2.4.5 Slot 7

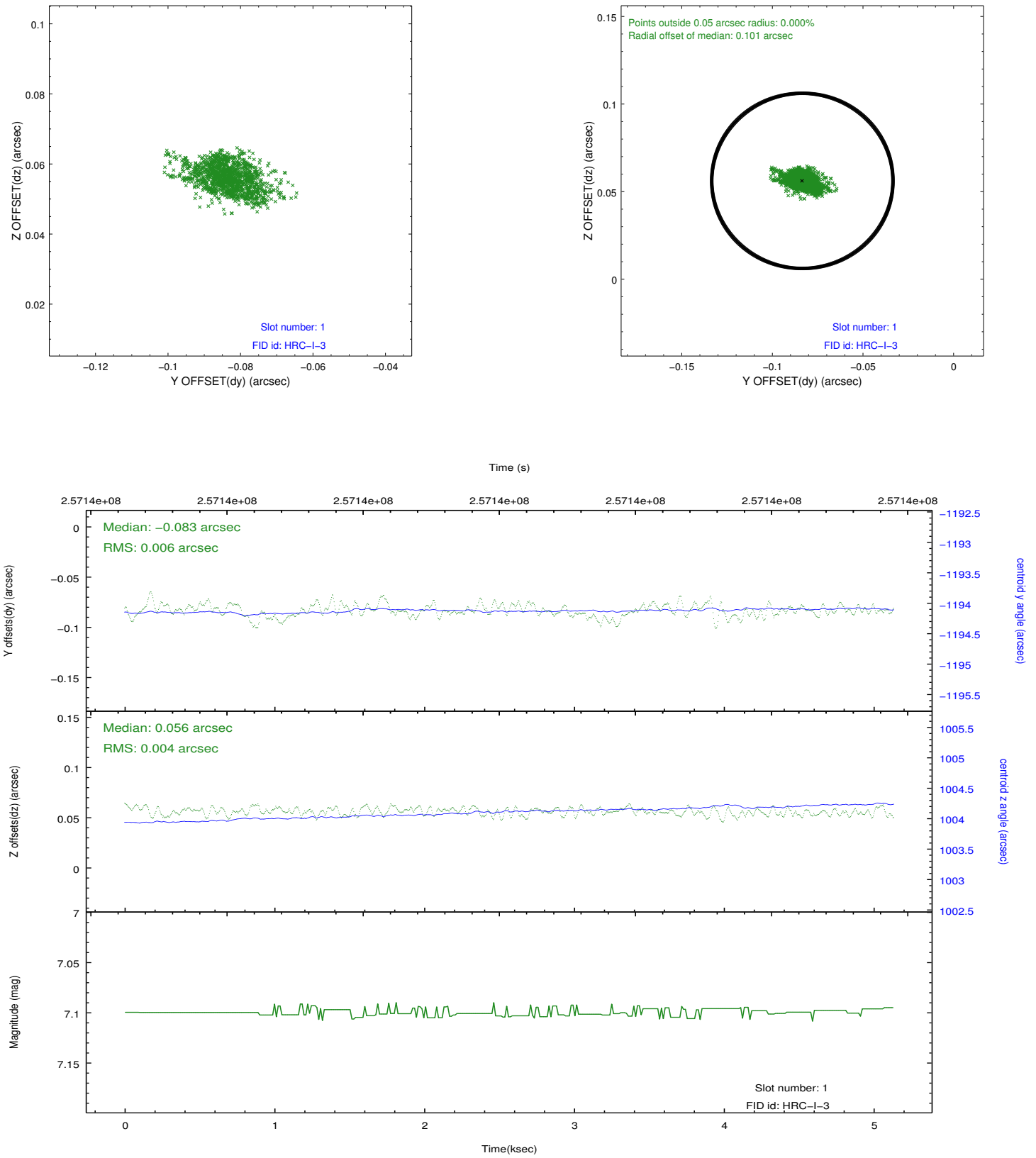


## 2.5 FID Slots

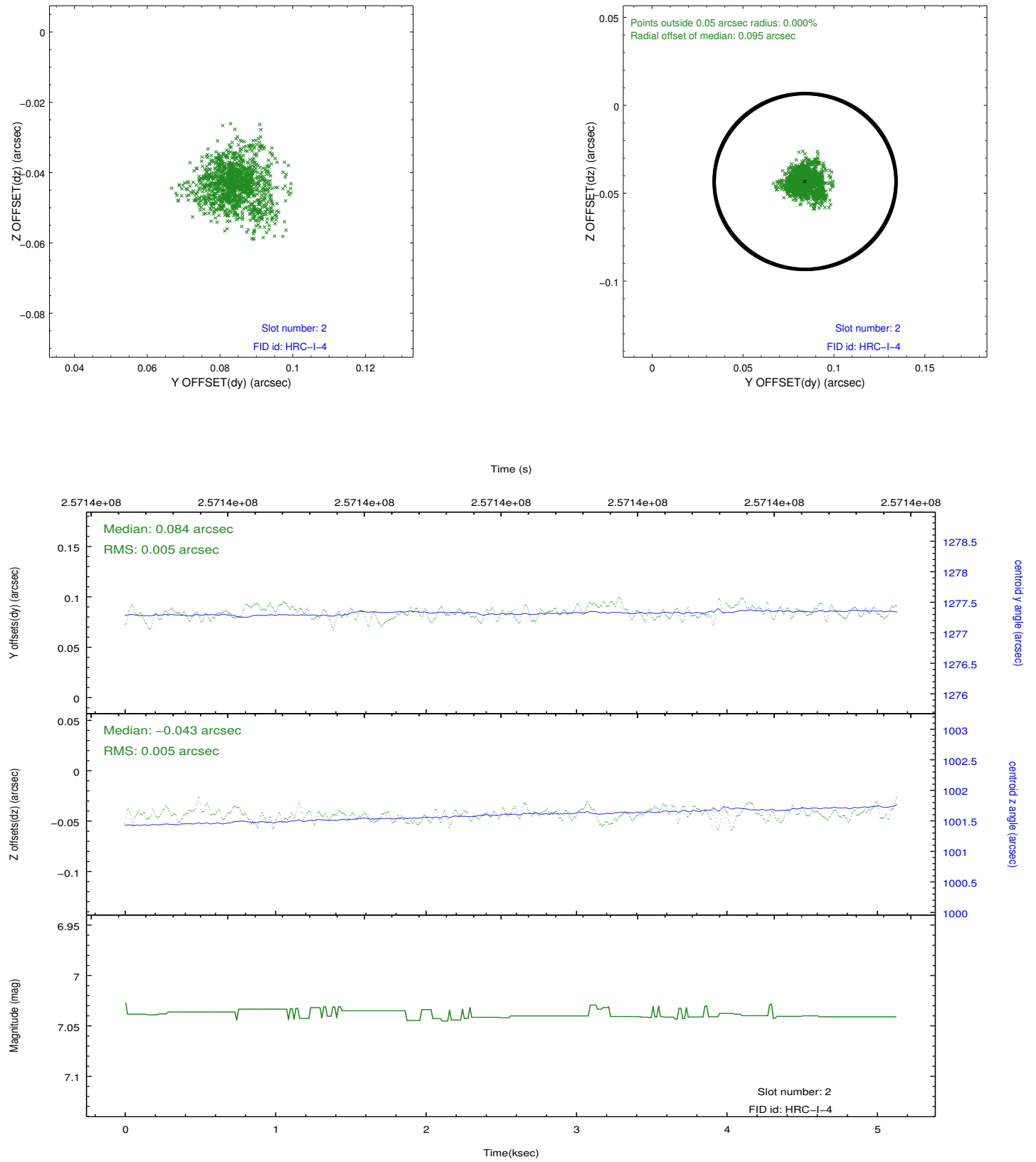
### 2.5.1 Slot 0



## 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	5.13243148

### A.2 Comments