

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7540 - L2 Version 3  
Chandra X-Ray Center

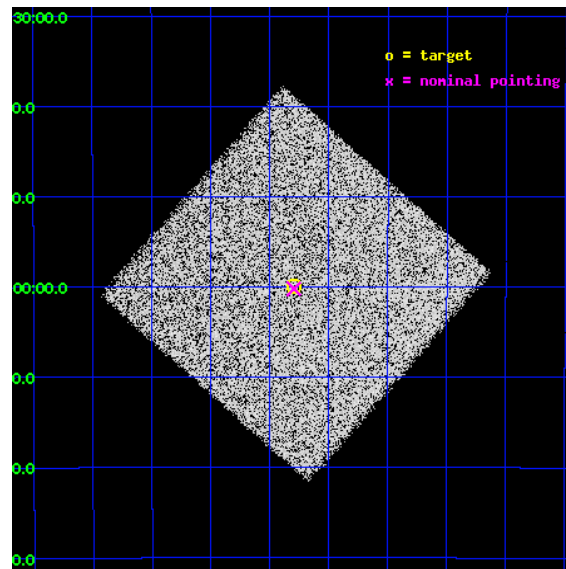
L2 Processing Date : Aug 12 2012

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# 1 Front

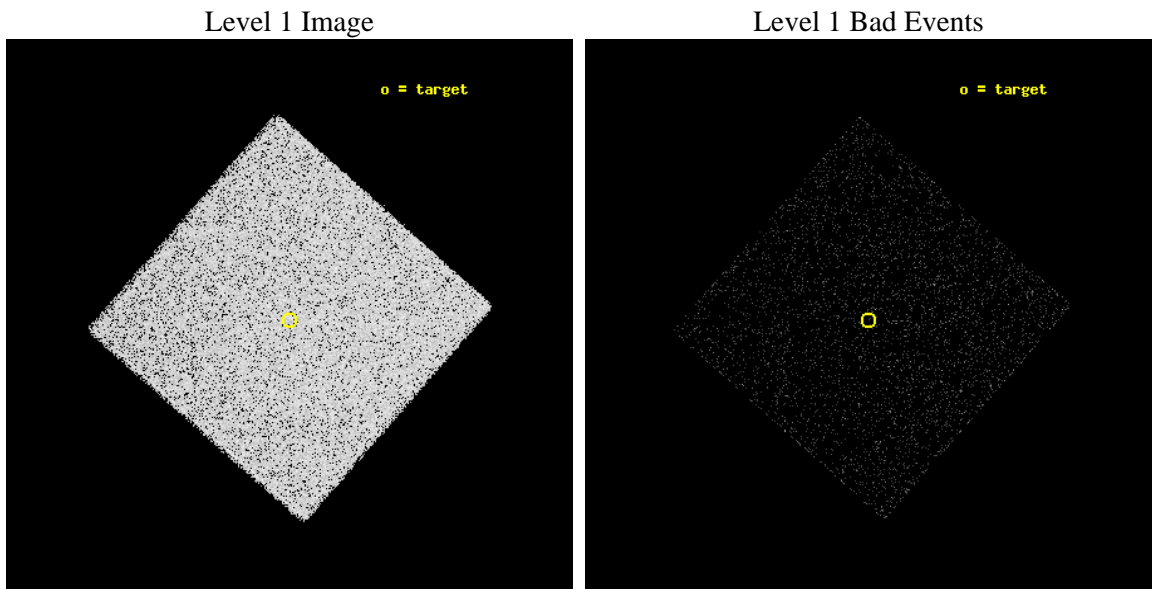
seq_num	400650	Sequence number
obs_id	7540	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	XTE J1752-280	Source name
ra_targ	268.2	Observer's specified target RA [deg]
dec_targ	-28.0	Observer's specified target Dec [deg]
ra_nom	268.1988406568	Nominal RA [deg]
dec_nom	-28.003759585403	Nominal Dec [deg]
roll_nom	266.43967707519	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313071251	[s]
livetime	1172.3060862479	Ontime multiplied by DTCOR
l2events	68642	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	1184.1313071251	[s]
caldbver	4.5.1.1	&#160	l1events	147180	Number of level 1 events
date	2012-08-12T06:30:02	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

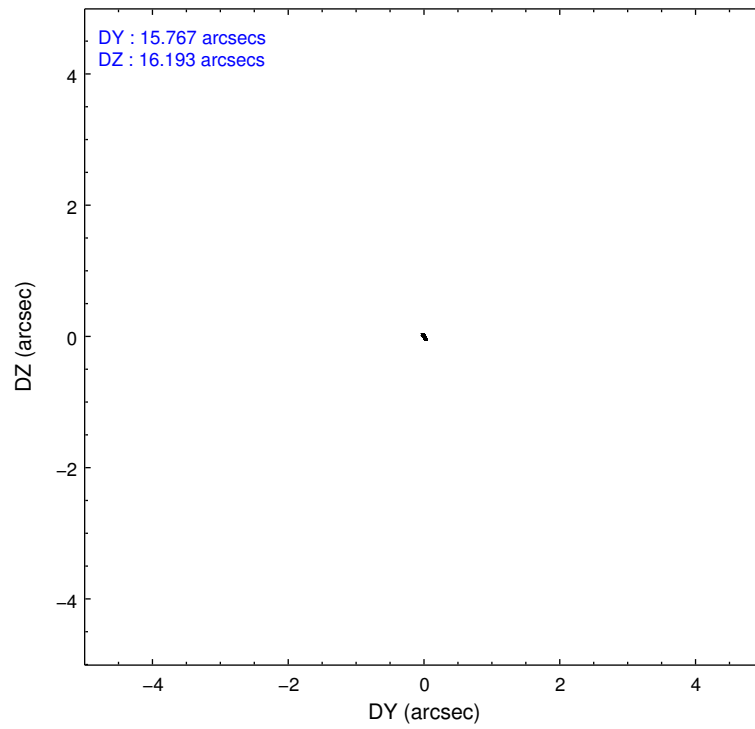
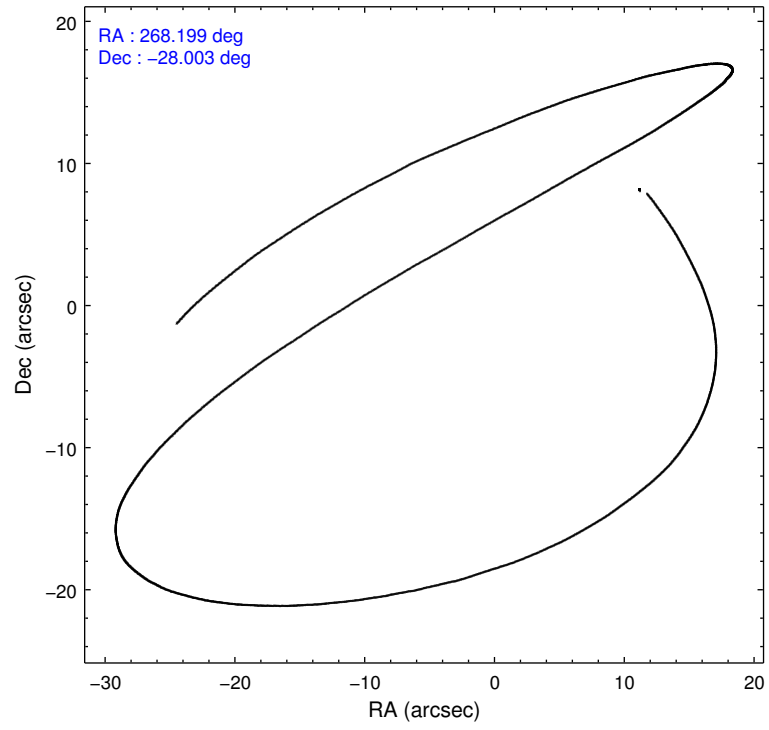
	<b>segment 0</b>
level 1 events	147180
rejected events	45730
rejected %	31%

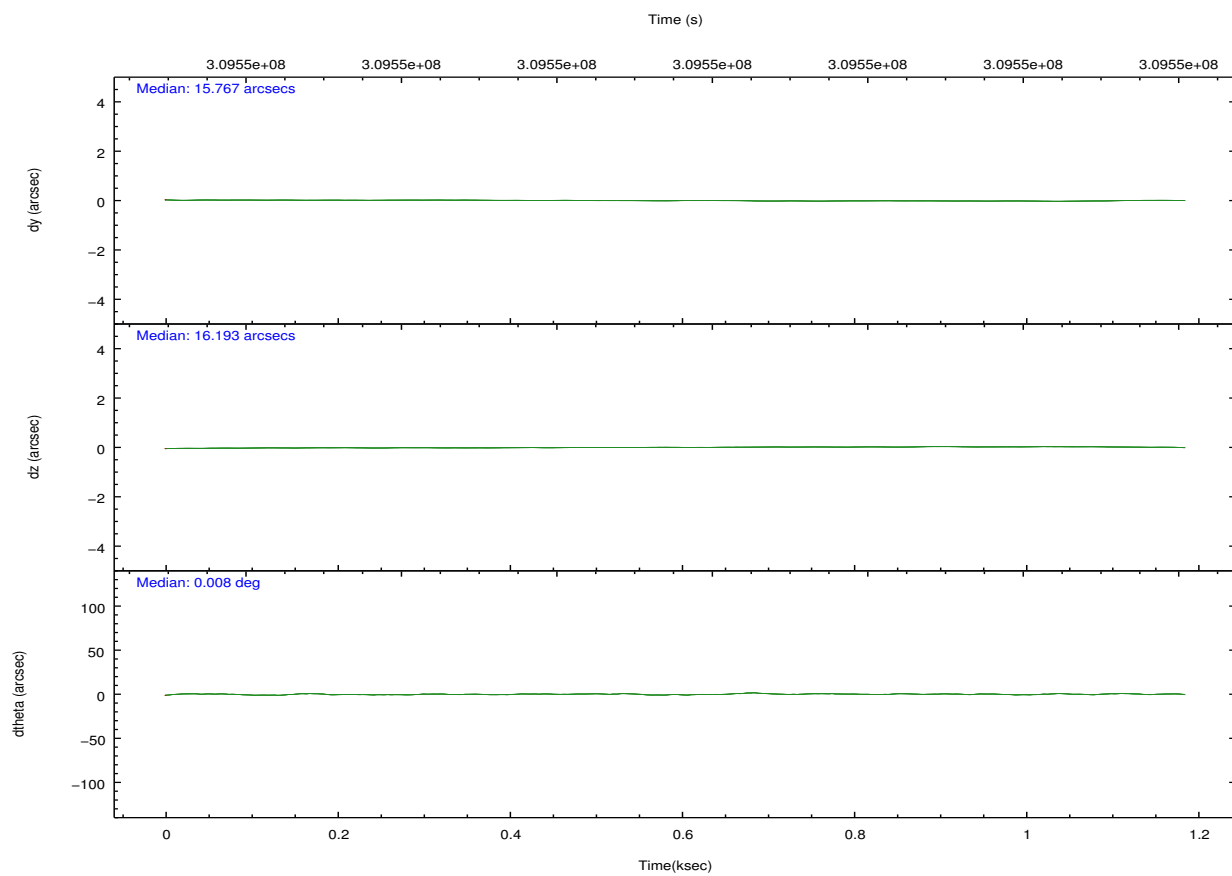
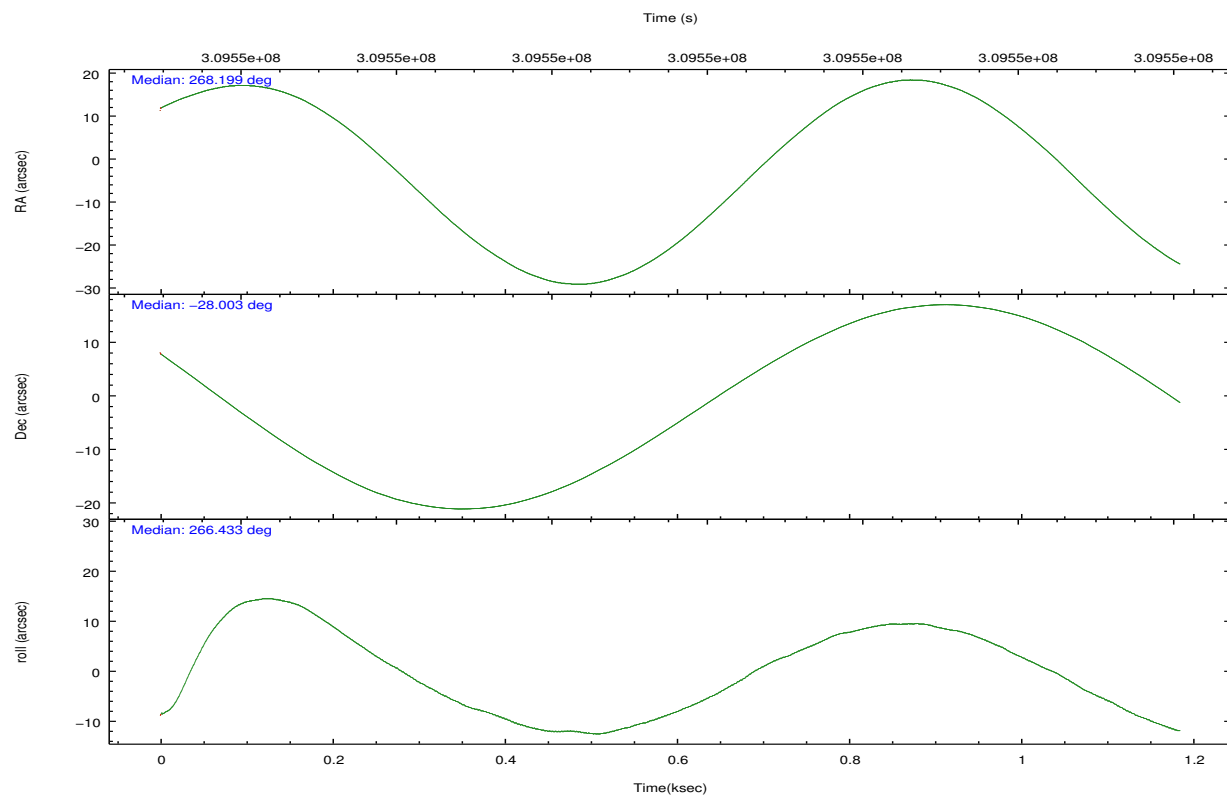
## 2.2 Compared Parameters

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	268.183615	268.1988406567951
[deg] Pointing Dec	-27.979752	-28.00375958540347
[deg] Pointing Roll	266.528237	266.4396770751921
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.98297998999862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	309551545.184000	309551094.06388
Observation start date	2007-10-23T18:31:20	2007-10-23T18:24:54
[s] Observation end time (MET)	309552545.184000	309552816.57646
Observation end date	2007-10-23T18:48:00	2007-10-23T18:53:36

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

## 2.3 Aspect



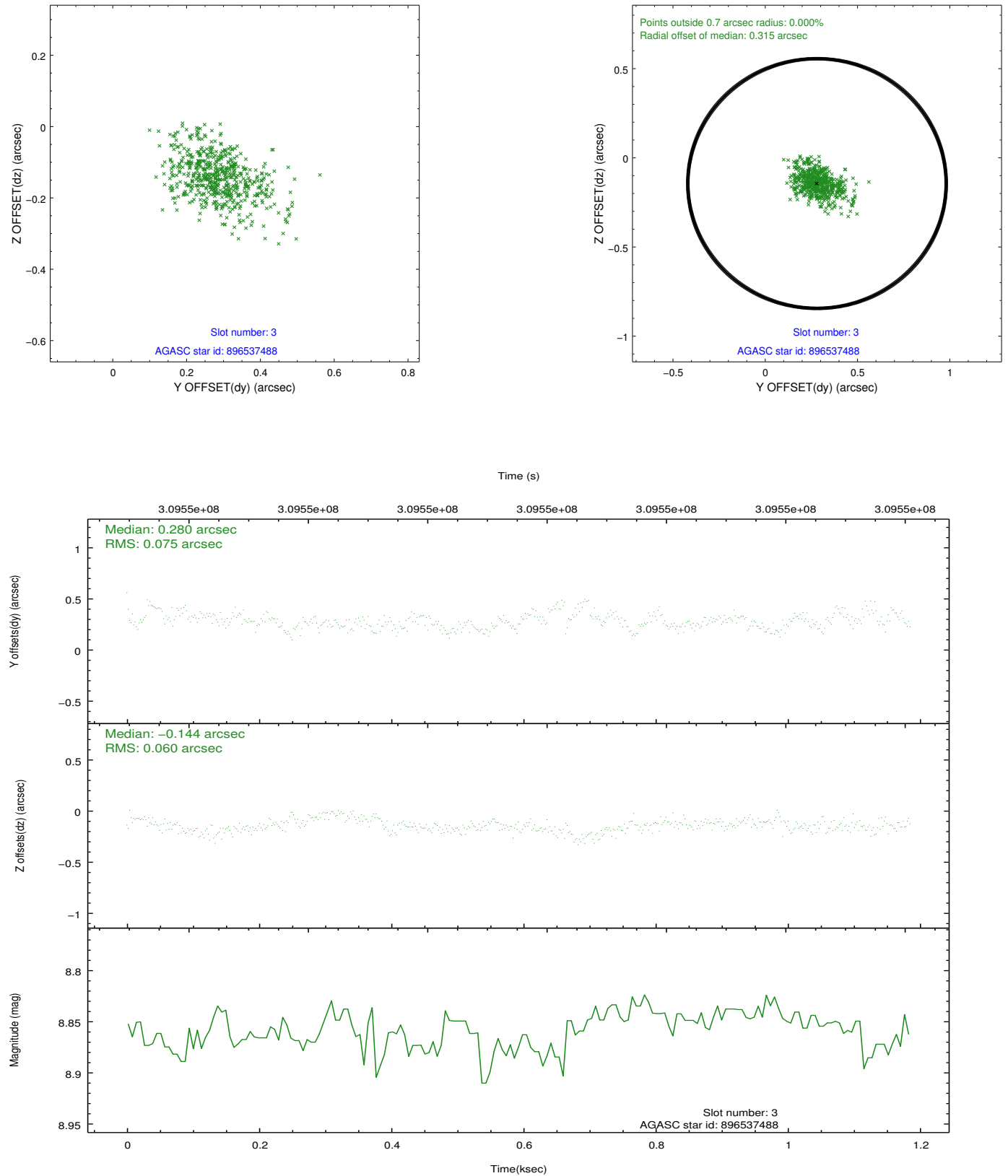


### Slot Statistics

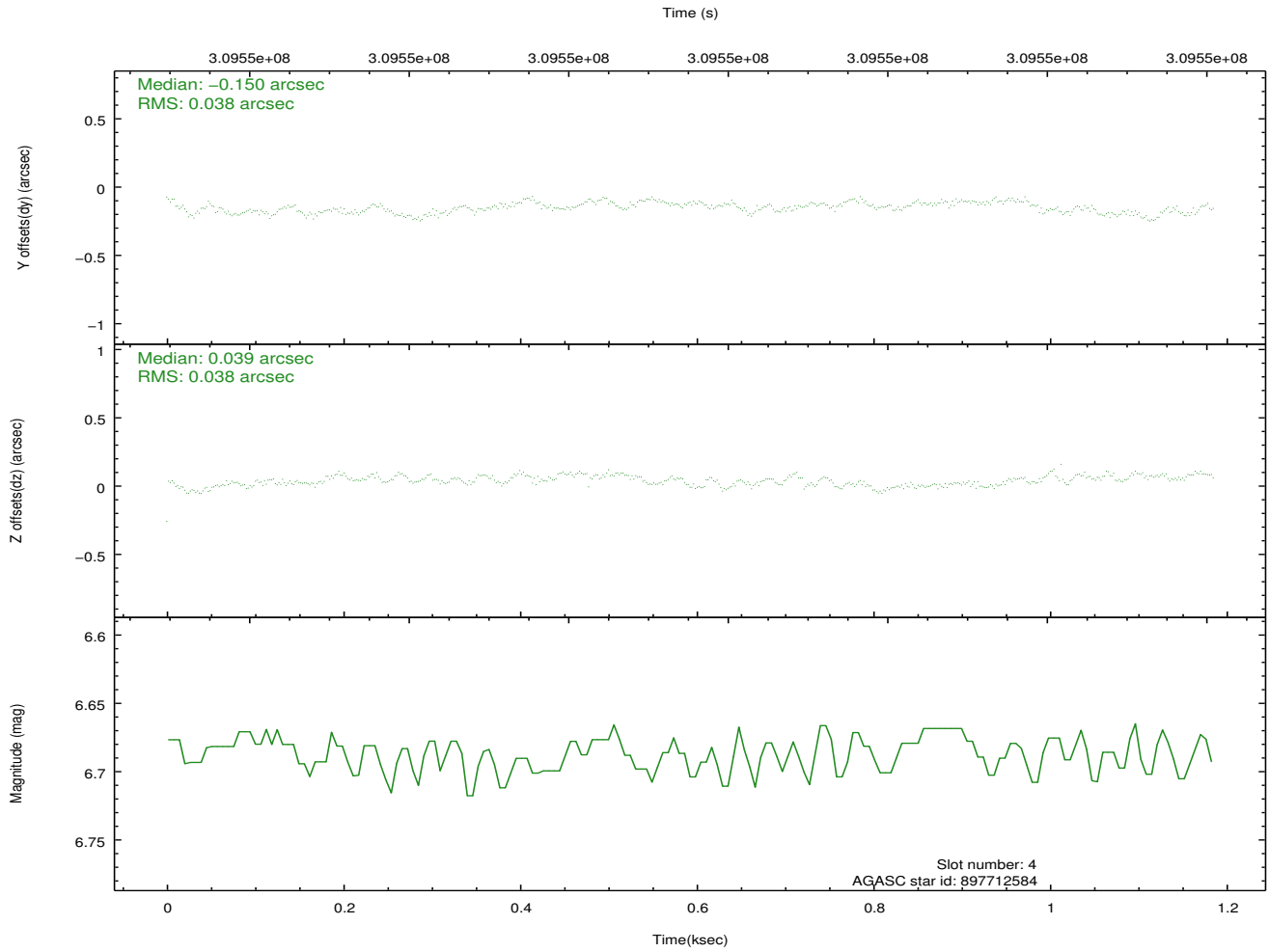
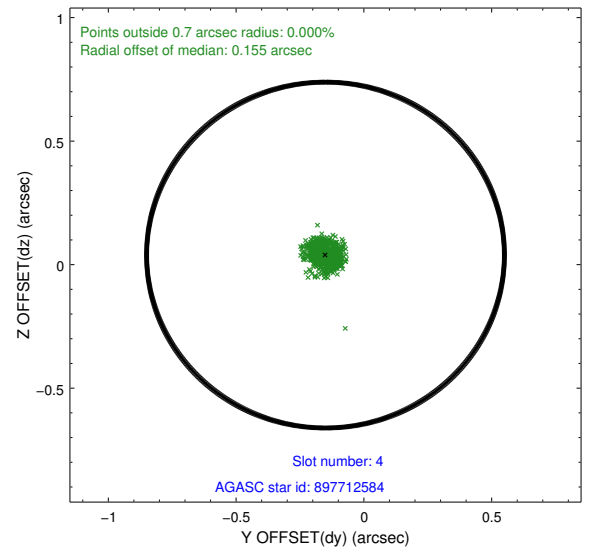
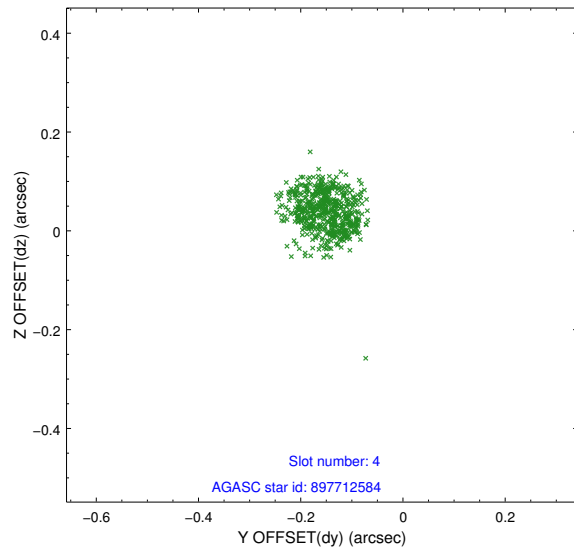
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	-0.070	-0.002	0.006	0.013	0.000000	0.000000	-771.65	-1304.31
1	FID	HRC-I-2	7.01	290	0.187	-0.079	0.006	0.010	0.000000	0.000000	838.58	-1310.45
2	FID	HRC-I-3	7.06	290	0.002	-0.008	0.006	0.011	0.000000	0.000000	-1197.19	995.72
3	GUIDE	896537488	8.86	579	0.280	-0.144	0.098	0.171	267.422655	-28.504114	2038.95	-2290.74
4	GUIDE	897712584	6.69	579	-0.150	0.039	0.057	0.086	268.003029	-28.022394	192.61	-569.96
5	GUIDE	897712808	8.72	579	0.029	0.154	0.077	0.133	268.777505	-27.542029	-1682.05	1793.46
6	GUIDE	897720600	8.24	579	-0.094	-0.037	0.073	0.120	268.319864	-27.628963	-1288.75	357.56
7	GUIDE	898243552	8.75	578	-0.077	-0.002	0.081	0.131	267.970066	-28.622317	2348.98	-535.20

## 2.4 Star Slots

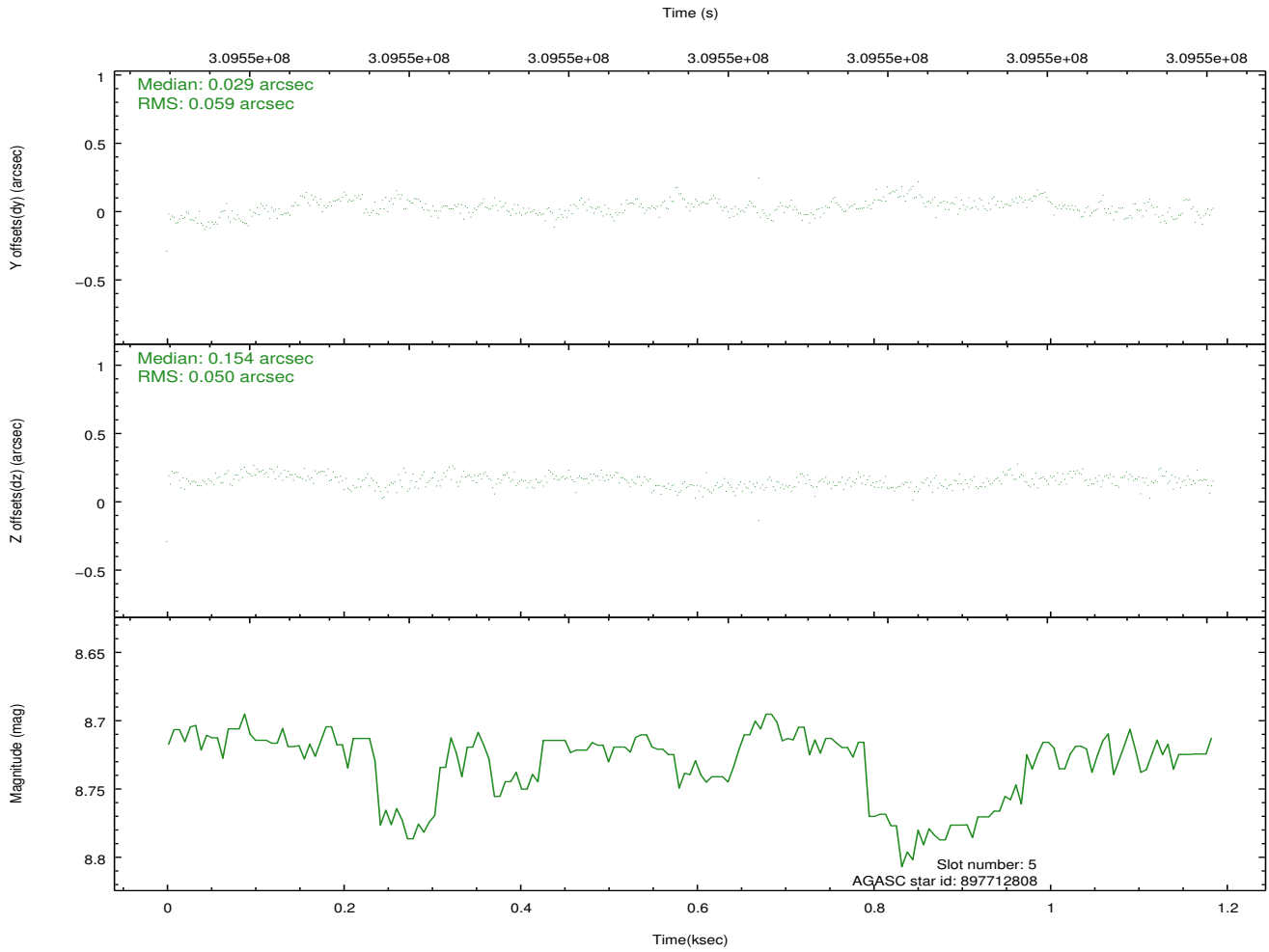
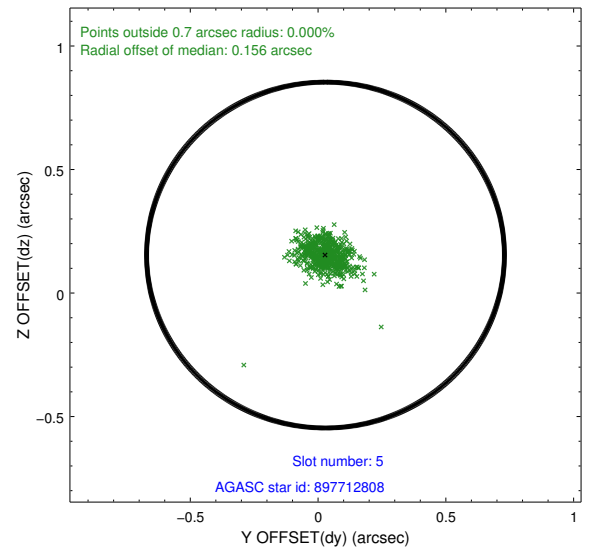
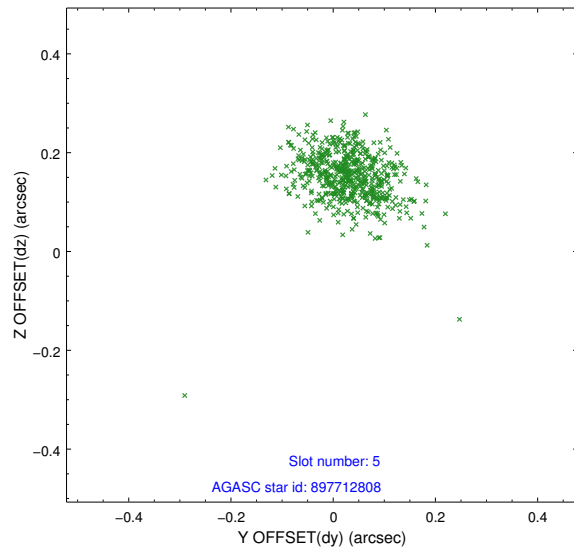
### 2.4.1 Slot 3



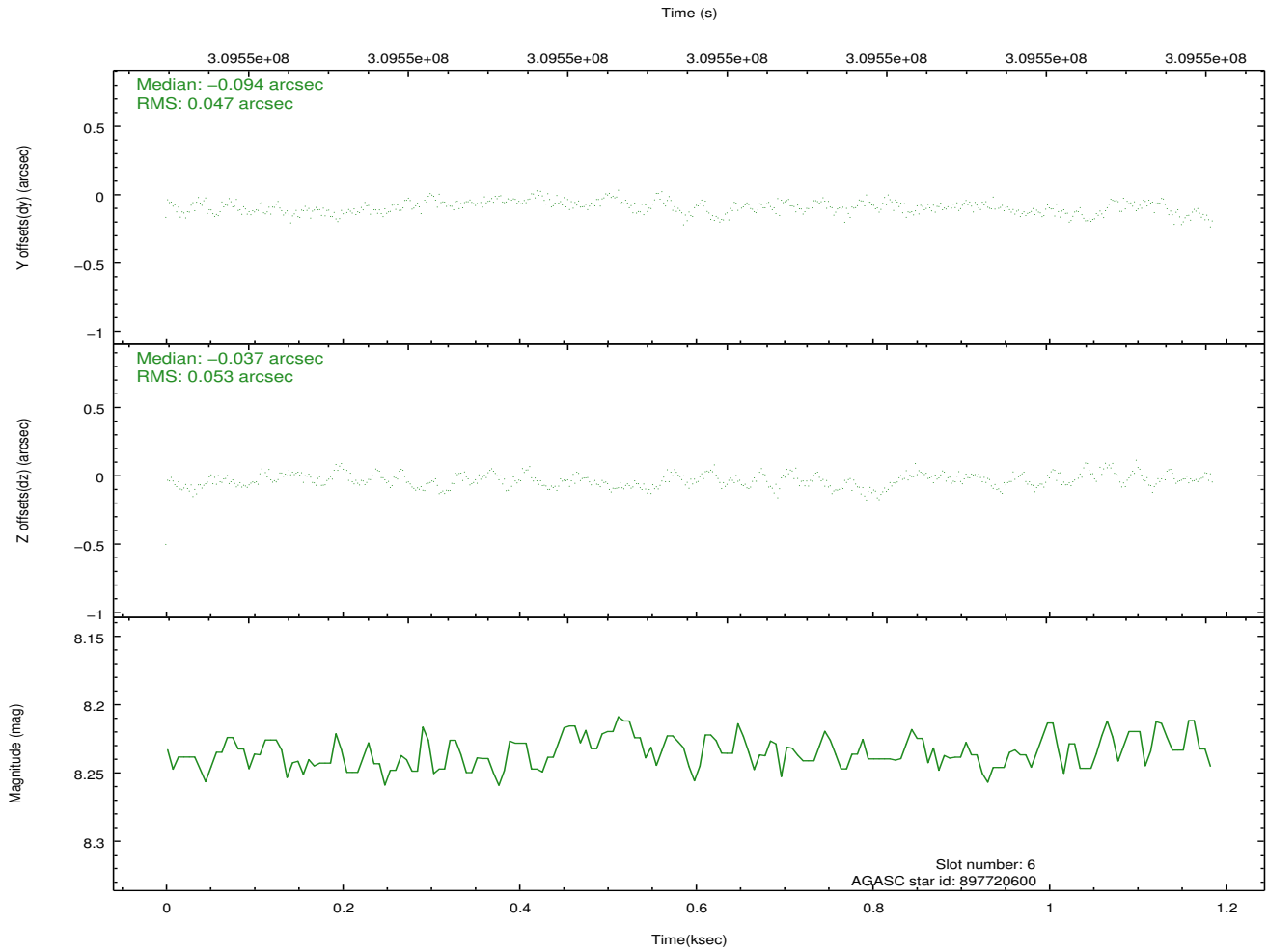
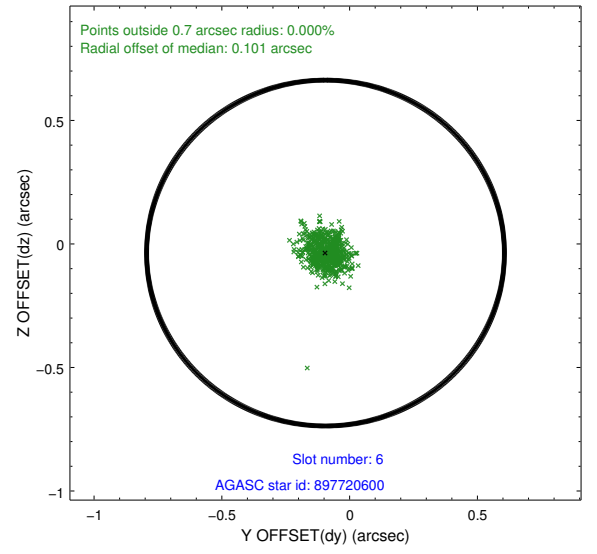
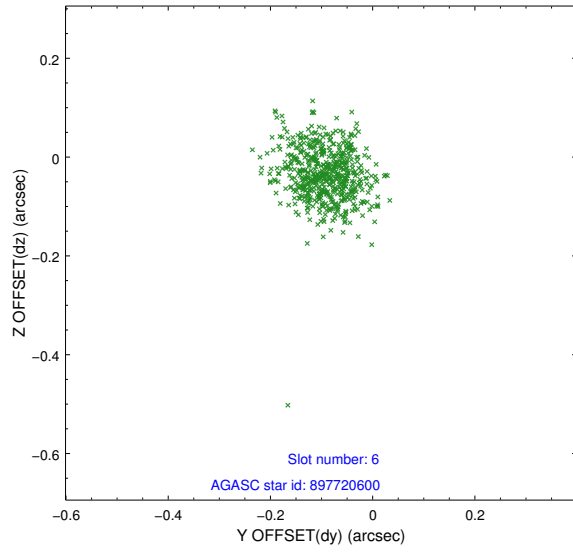
## 2.4.2 Slot 4



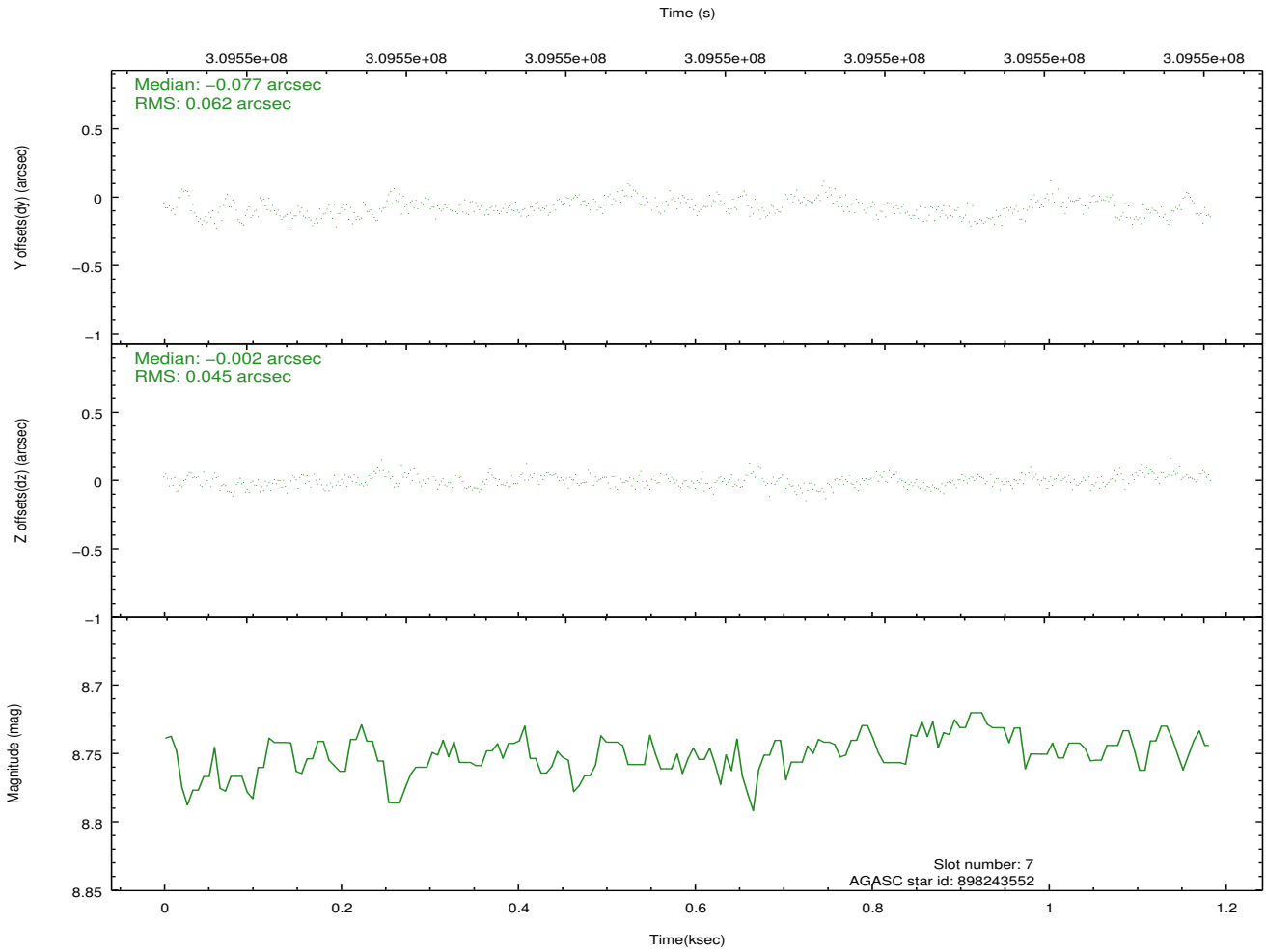
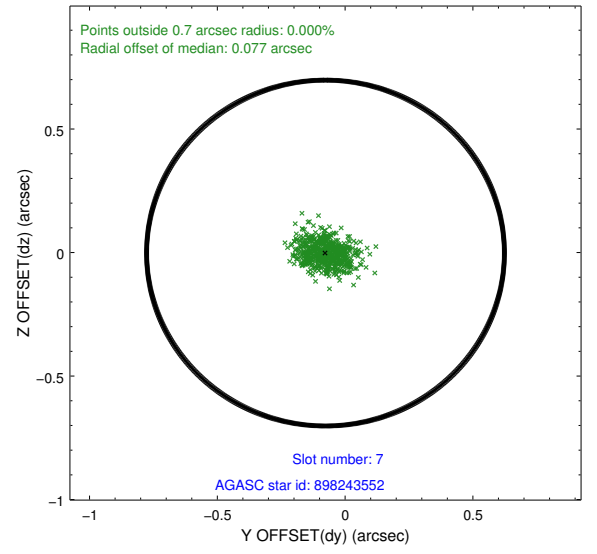
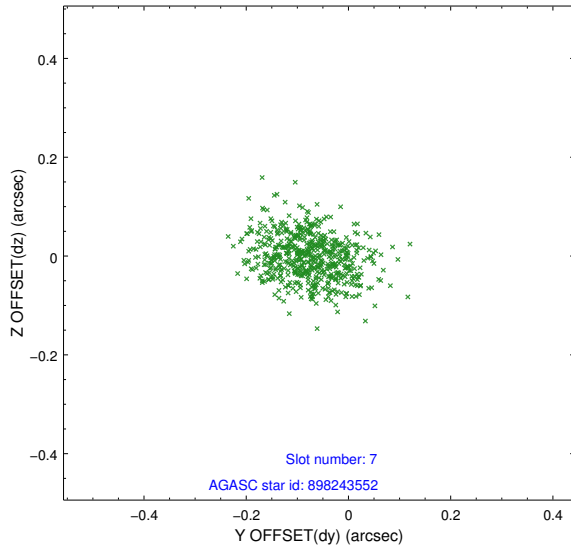
### 2.4.3 Slot 5



## 2.4.4 Slot 6

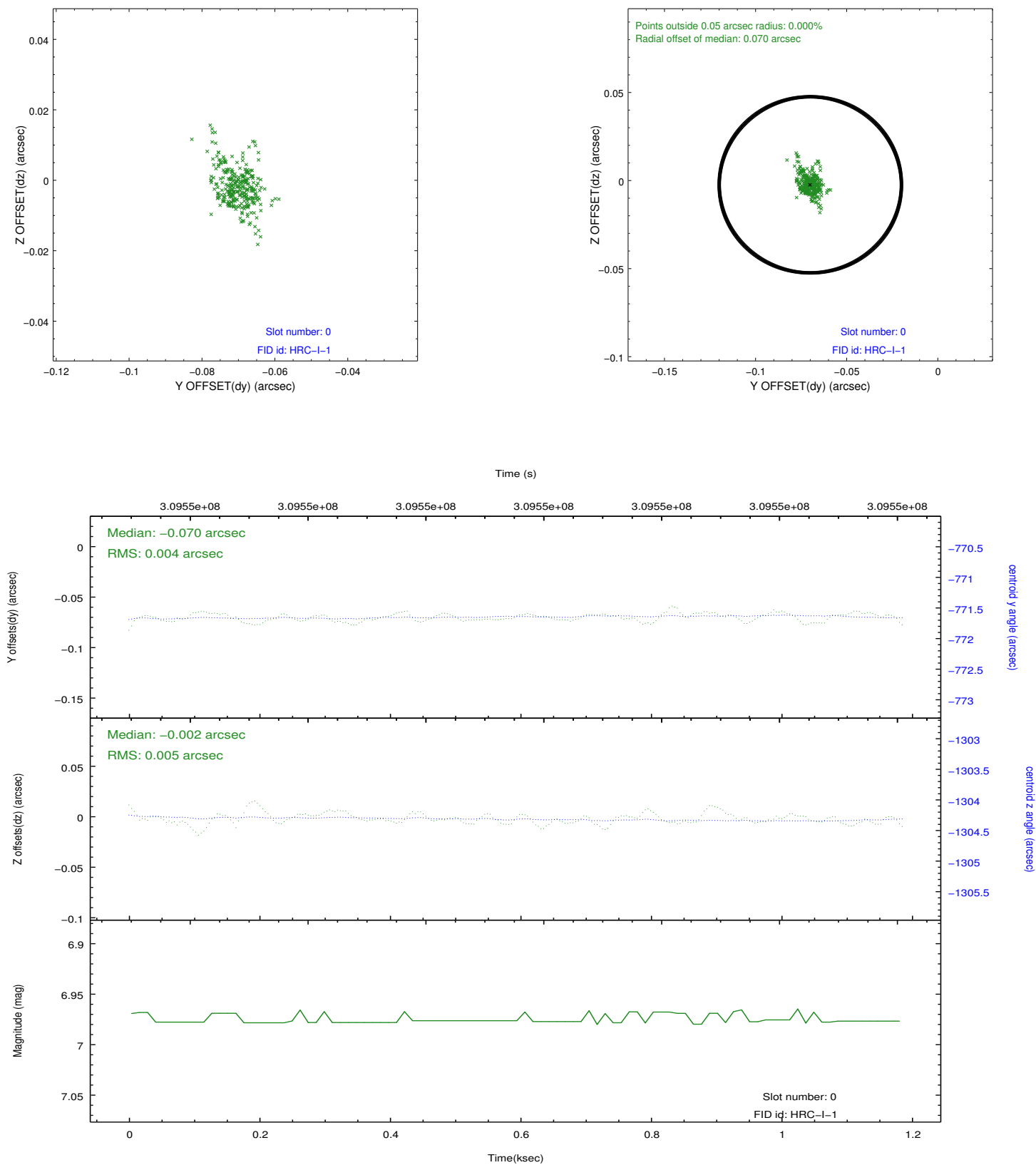


## 2.4.5 Slot 7

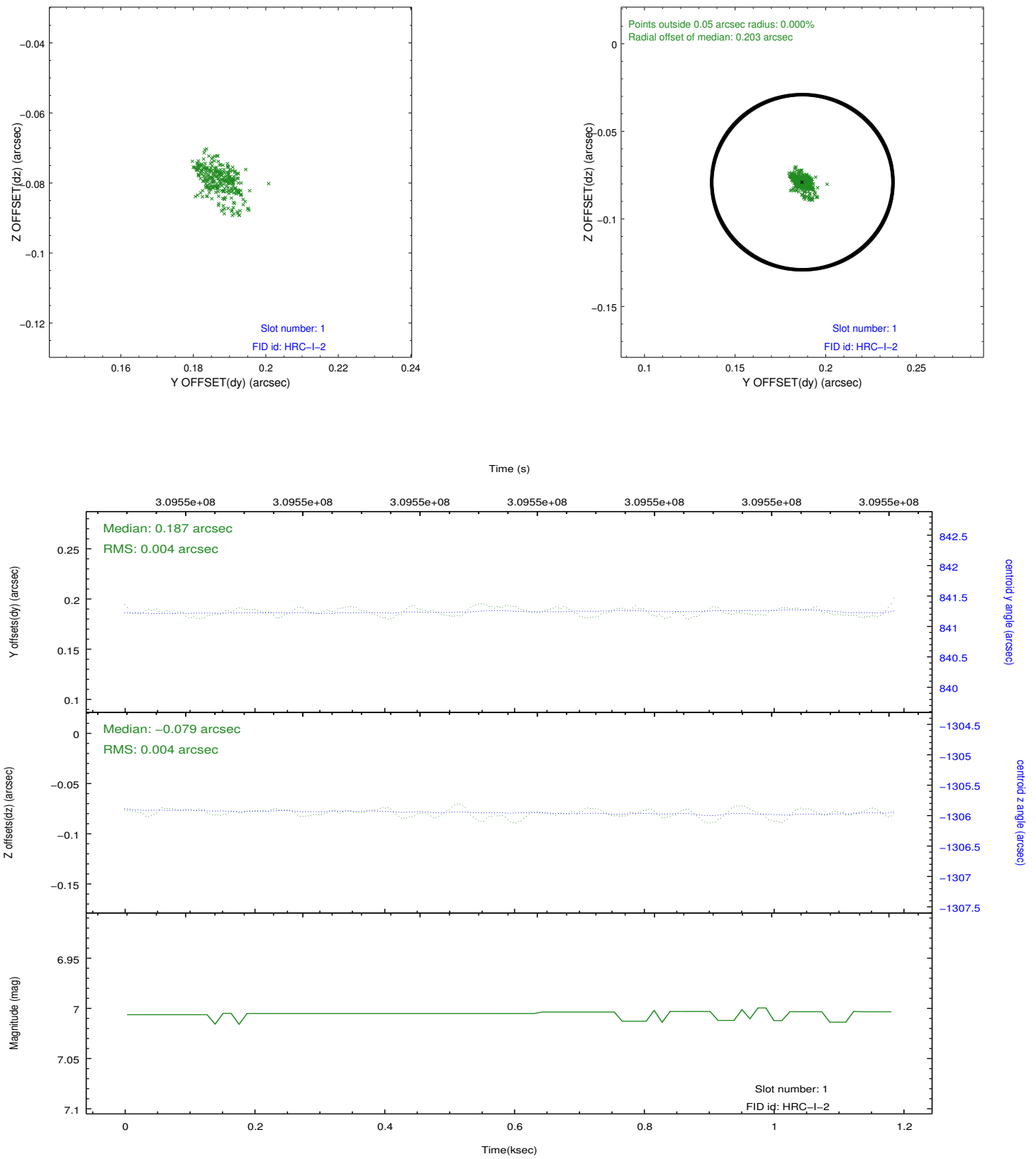


## 2.5 FID Slots

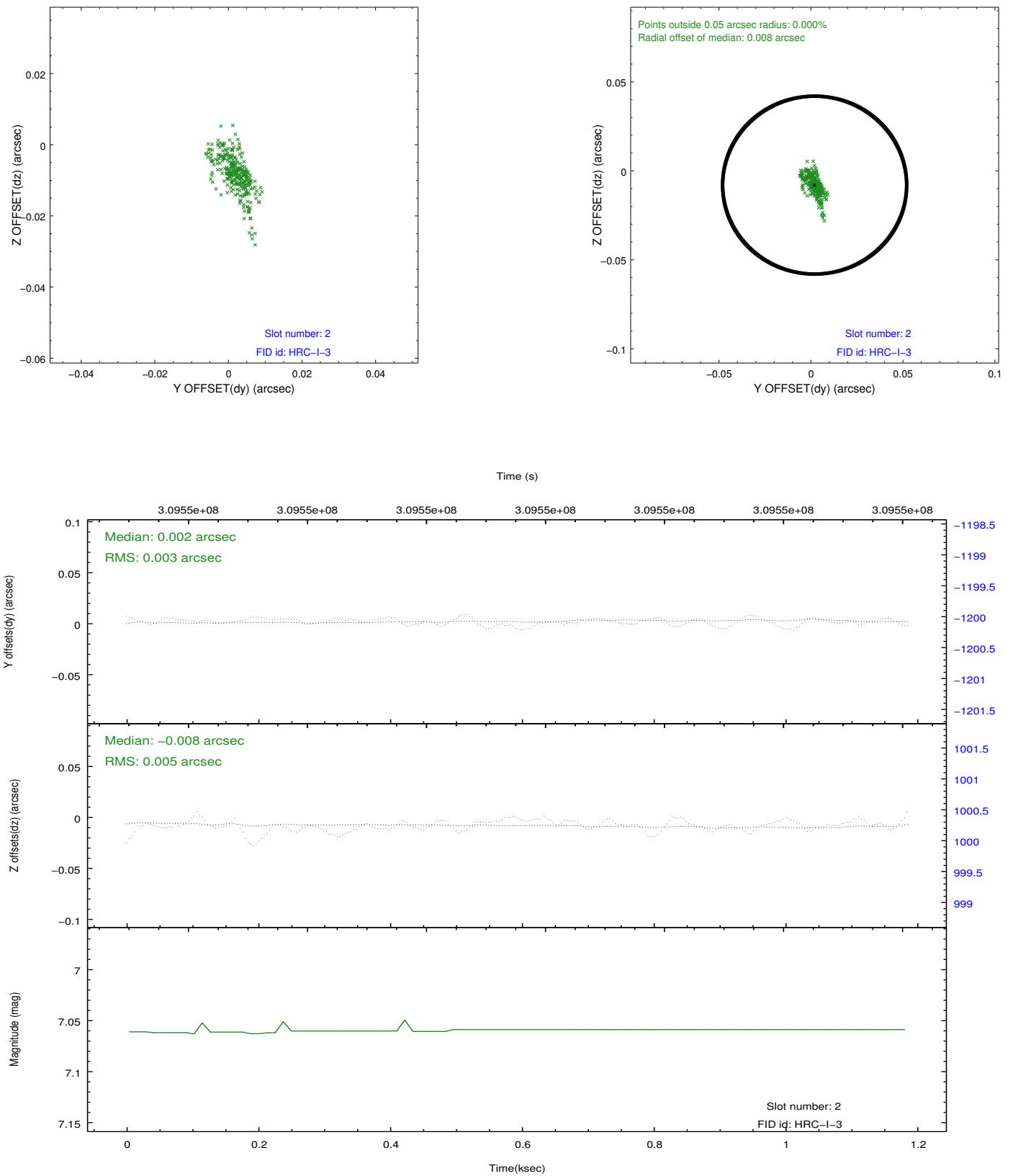
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313

### A.2 Comments