

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9006 - L2 Version 3
Chandra X-Ray Center

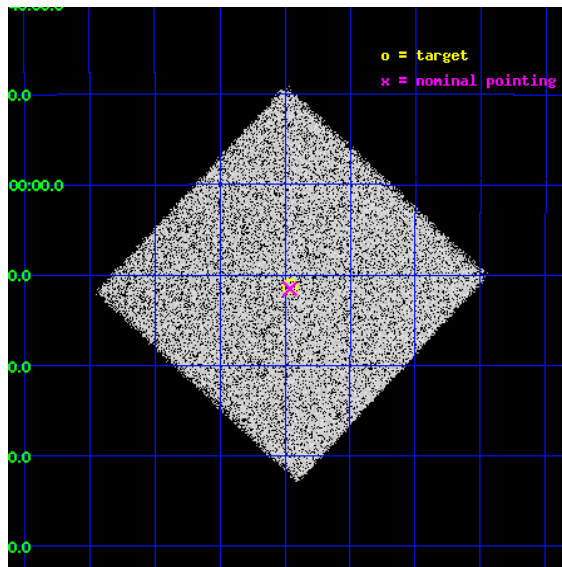
L2 Processing Date : Aug 12 2012

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

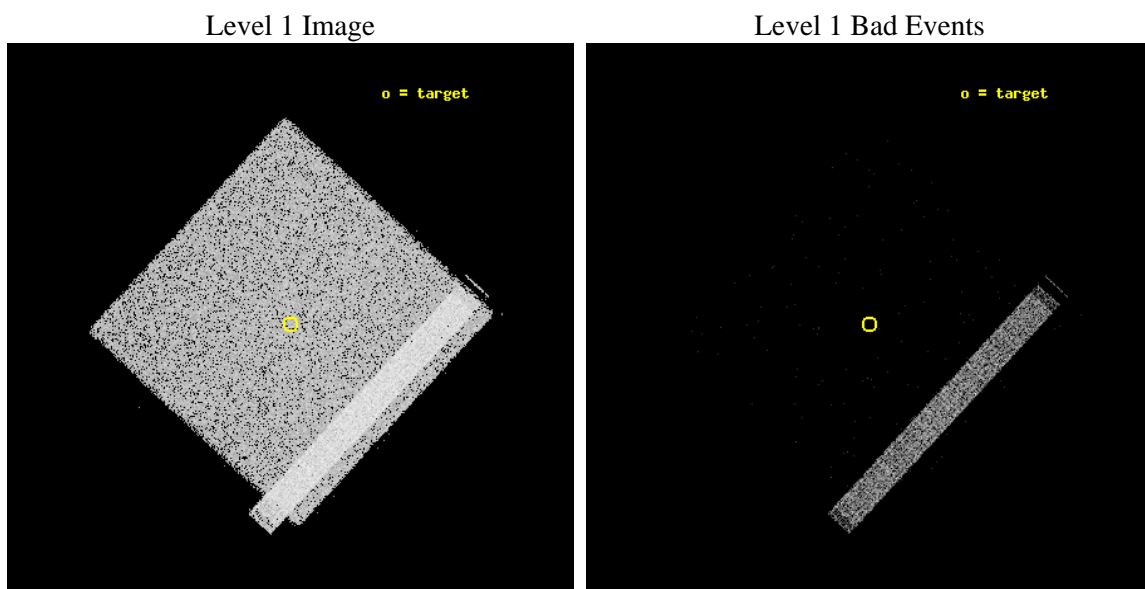
seq_num	400857	Sequence number
obs_id	9006	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	GPS 1822-131	Source name
ra_targ	276.241667	Observer's specified target RA [deg]
dec_targ	-13.188306	Observer's specified target Dec [deg]
ra_nom	276.24056920787	Nominal RA [deg]
dec_nom	-13.192256692257	Nominal Dec [deg]
roll_nom	267.90410663473	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1165.1688073277	[s]
livetime	1152.3959751527	Ontime multiplied by DTCOR
l2events	76367	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	1165.1688073277	[s]
caldbver	4.5.1.1	 	l1events	238513	Number of level 1 events
date	2012-08-12T20:54:29	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

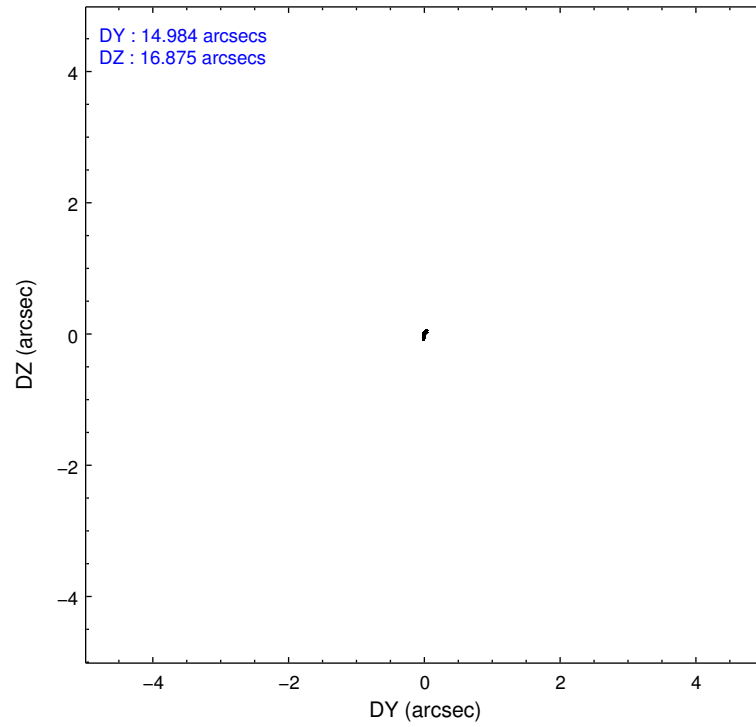
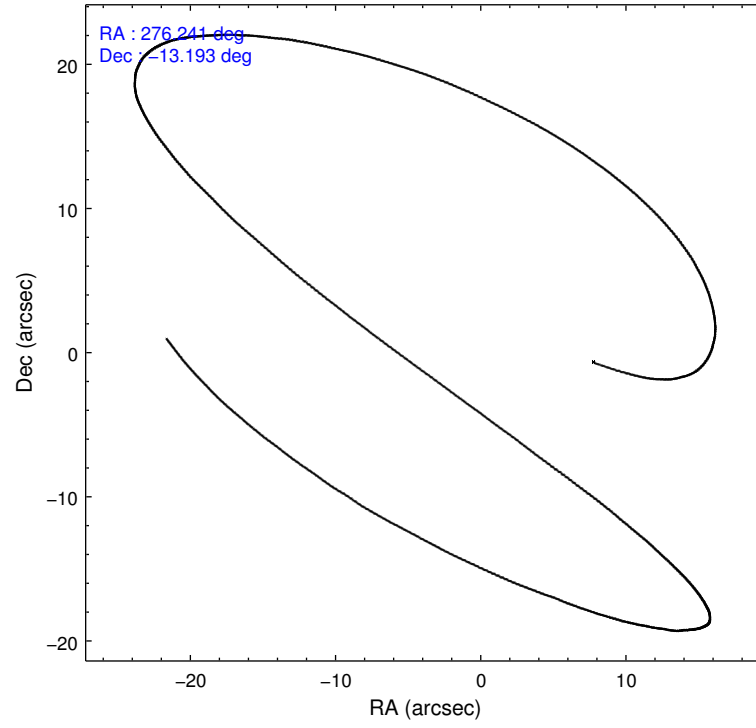
	segment 0
level 1 events	238513
rejected events	126688
rejected %	53%

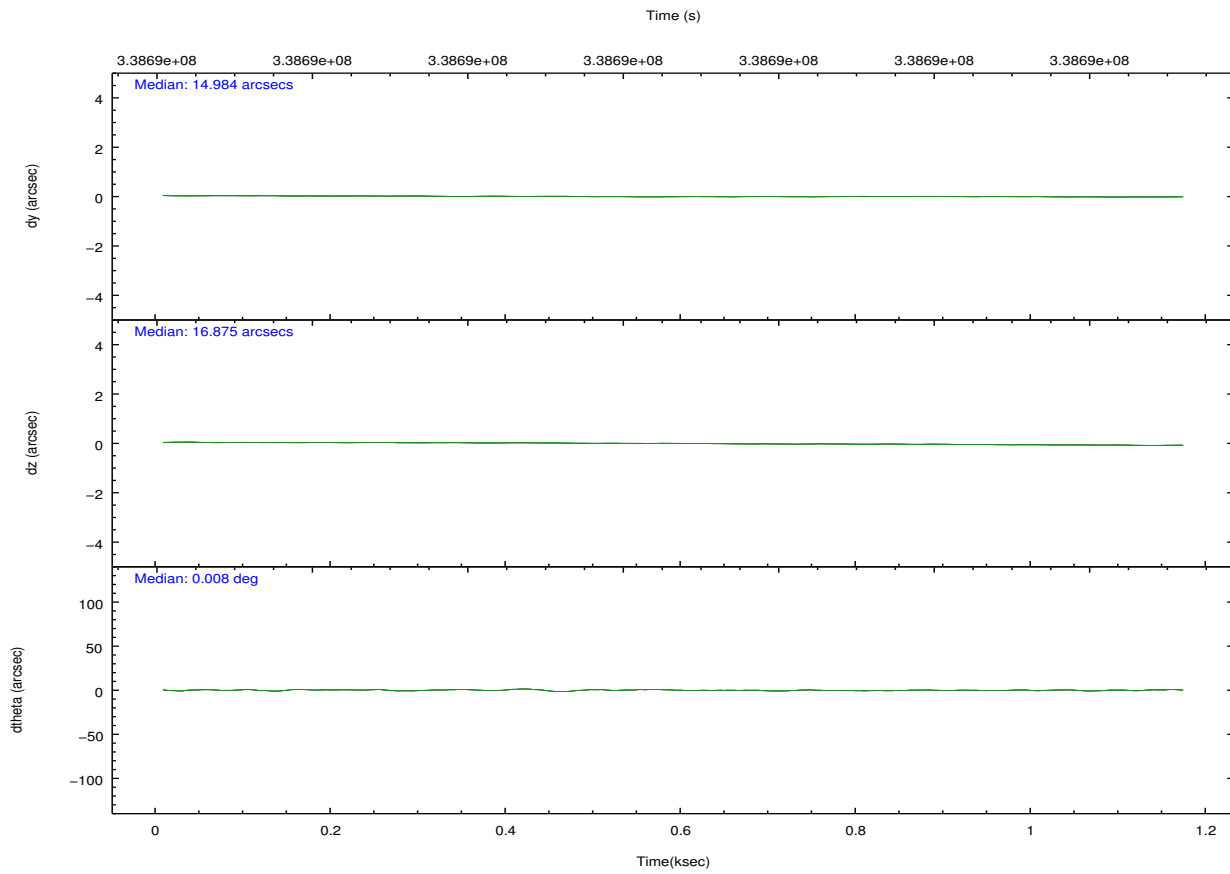
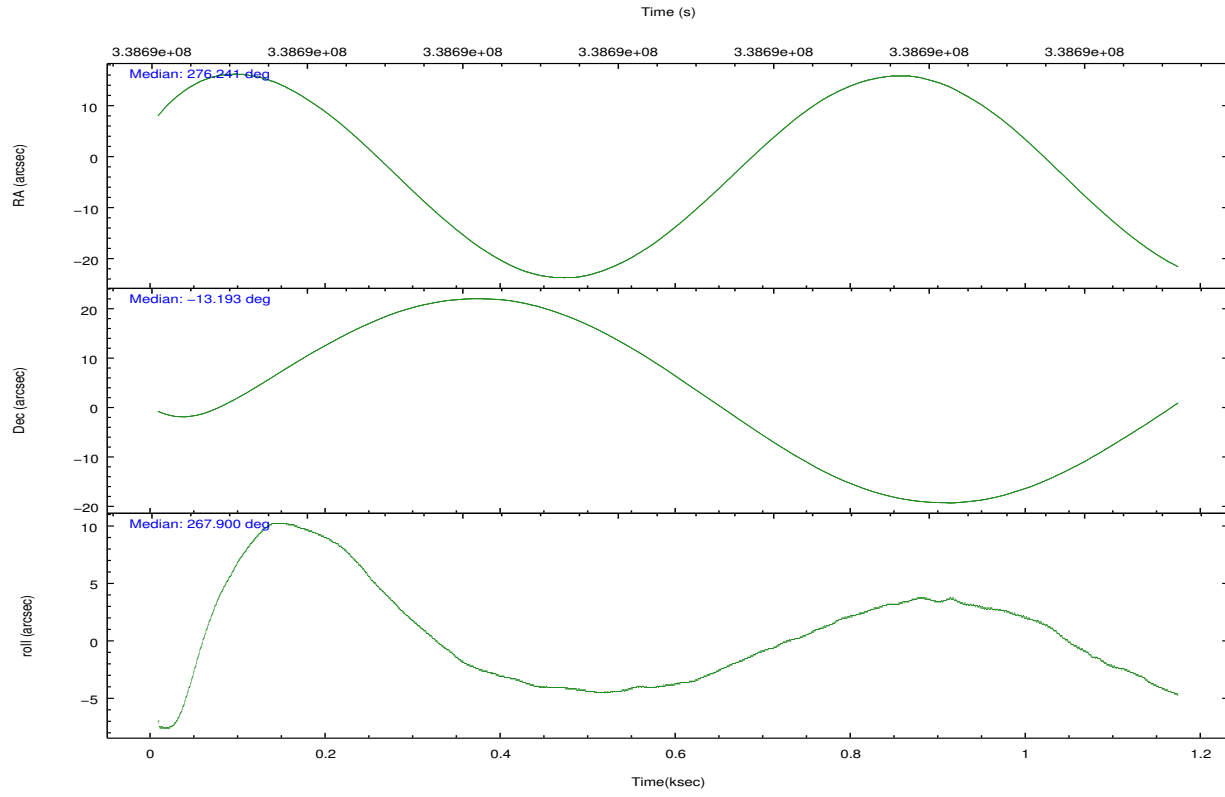
2.2 Compared Parameters

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	276.226283	276.2405692078655
[deg] Pointing Dec	-13.168435	-13.19225669225701
[deg] Pointing Roll	267.996498	267.904106634731
[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)	338693647.184000	338692470.50509
Observation start date	2008-09-25T01:33:02	2008-09-25T01:14:30
[s] Observation end time (MET)	338694647.184000	338695586.50524
Observation end date	2008-09-25T01:49:42	2008-09-25T02:06:26

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

2.3 Aspect



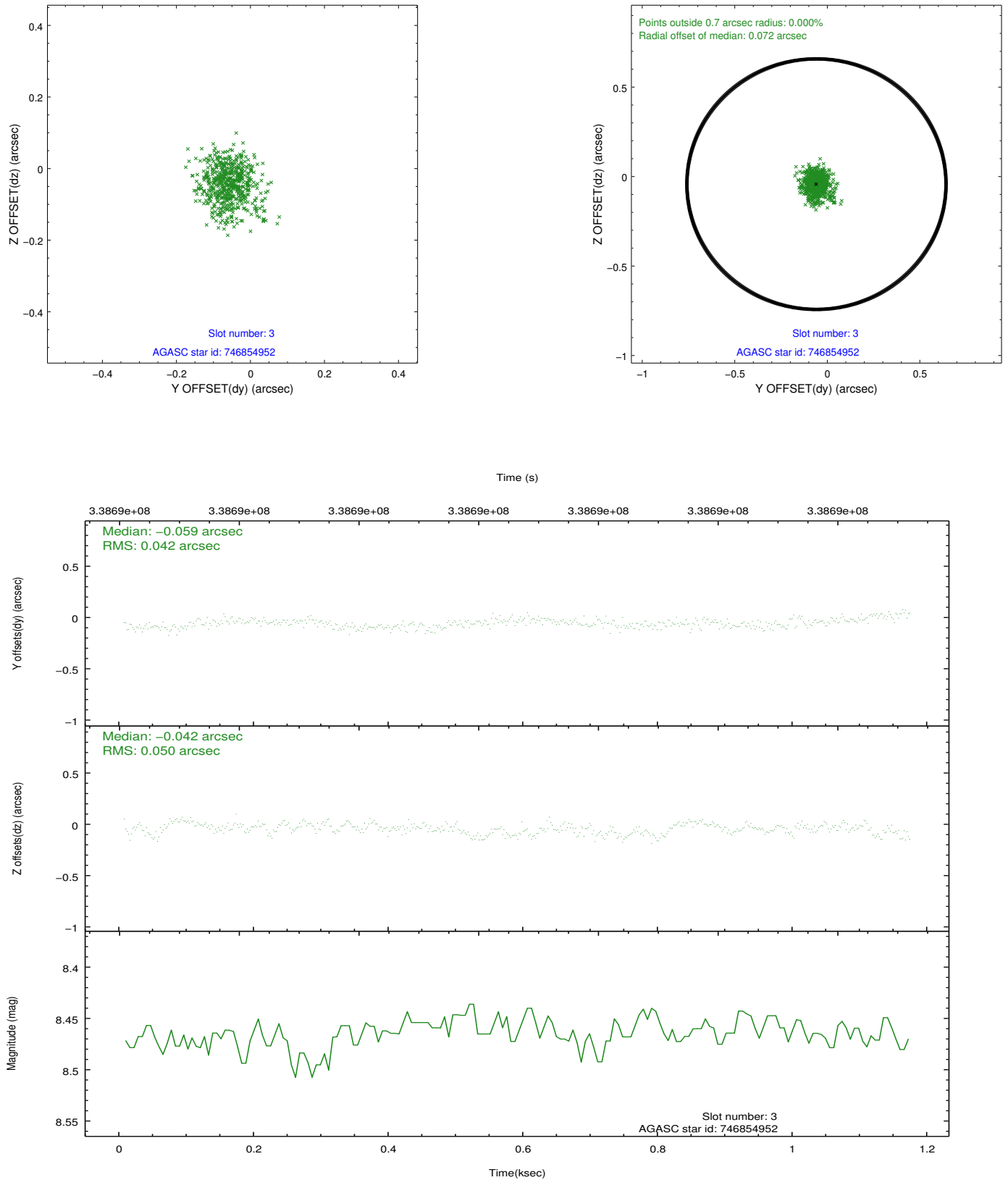


Slot Statistics

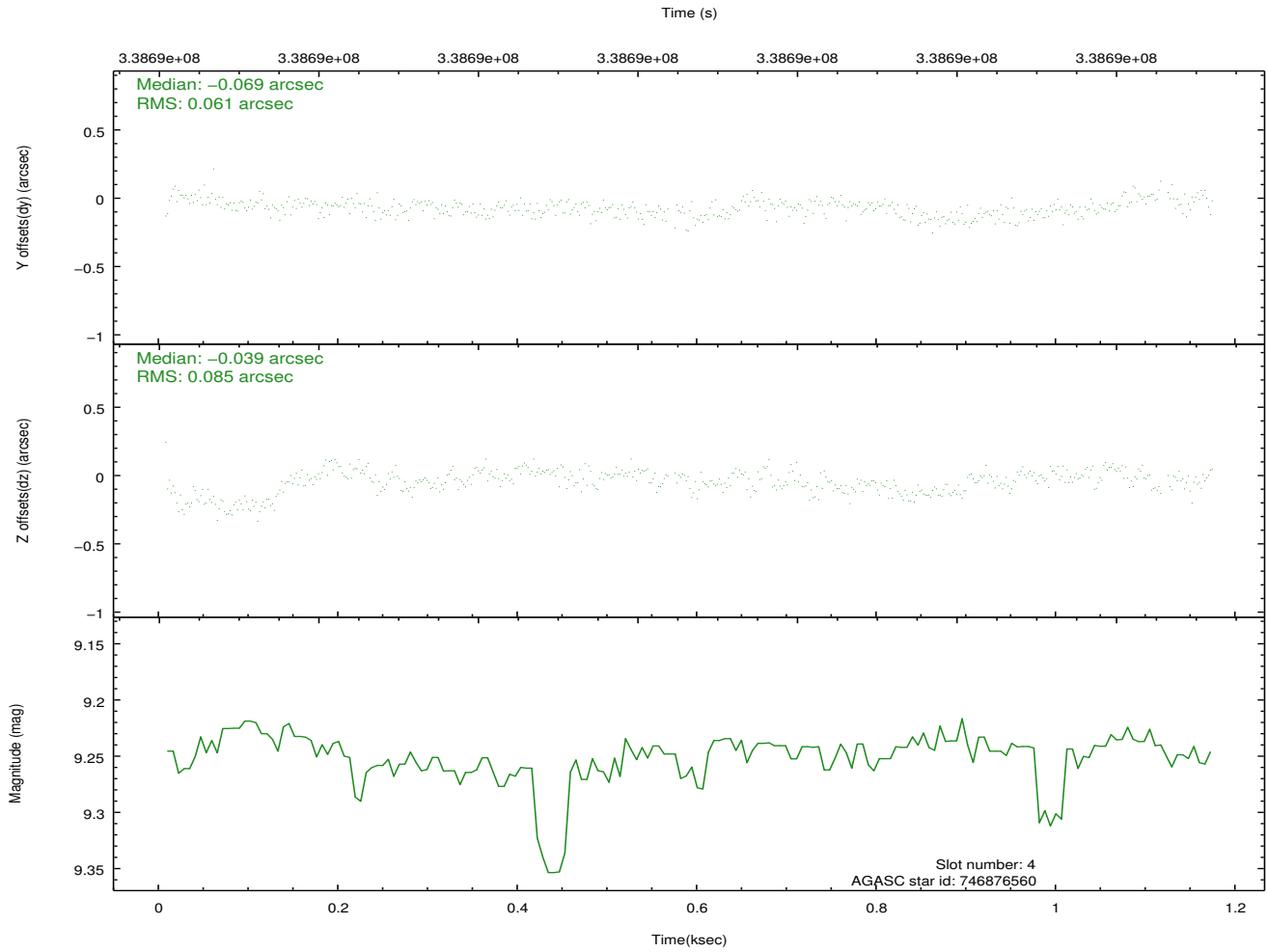
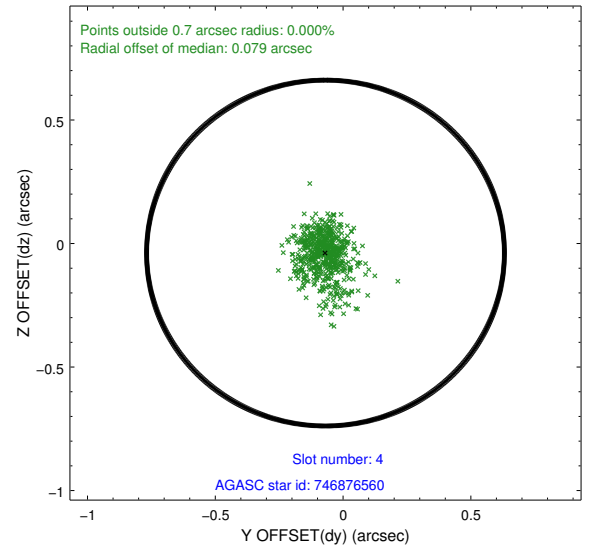
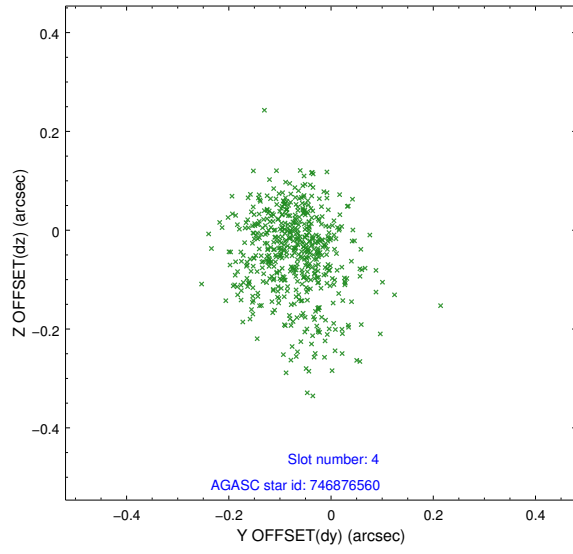
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.04	285	-0.070	-0.017	0.007	0.011	0.000000	0.000000	-770.85	-1305.02
1	FID	HRC-I-2	7.08	285	0.267	-0.166	0.006	0.010	0.000000	0.000000	839.41	-1311.31
2	FID	HRC-I-3	7.13	285	-0.078	0.095	0.005	0.010	0.000000	0.000000	-1196.41	995.05
3	GUIDE	746854952	8.47	570	-0.059	-0.042	0.070	0.111	276.590453	-12.990635	-683.56	1252.07
4	GUIDE	746876560	9.25	564	-0.069	-0.039	0.108	0.188	276.166679	-12.675099	-1768.79	-271.53
5	GUIDE	747384584	7.55	570	0.060	-0.233	0.057	0.110	275.823210	-13.594301	1579.71	-1358.73
6	GUIDE	747388944	7.64	569	-0.101	0.283	0.064	0.105	276.577312	-13.360850	652.80	1248.78
7	GUIDE	747388080	7.90	569	0.169	0.062	0.073	0.119	276.738089	-13.854695	2409.67	1874.50

2.4 Star Slots

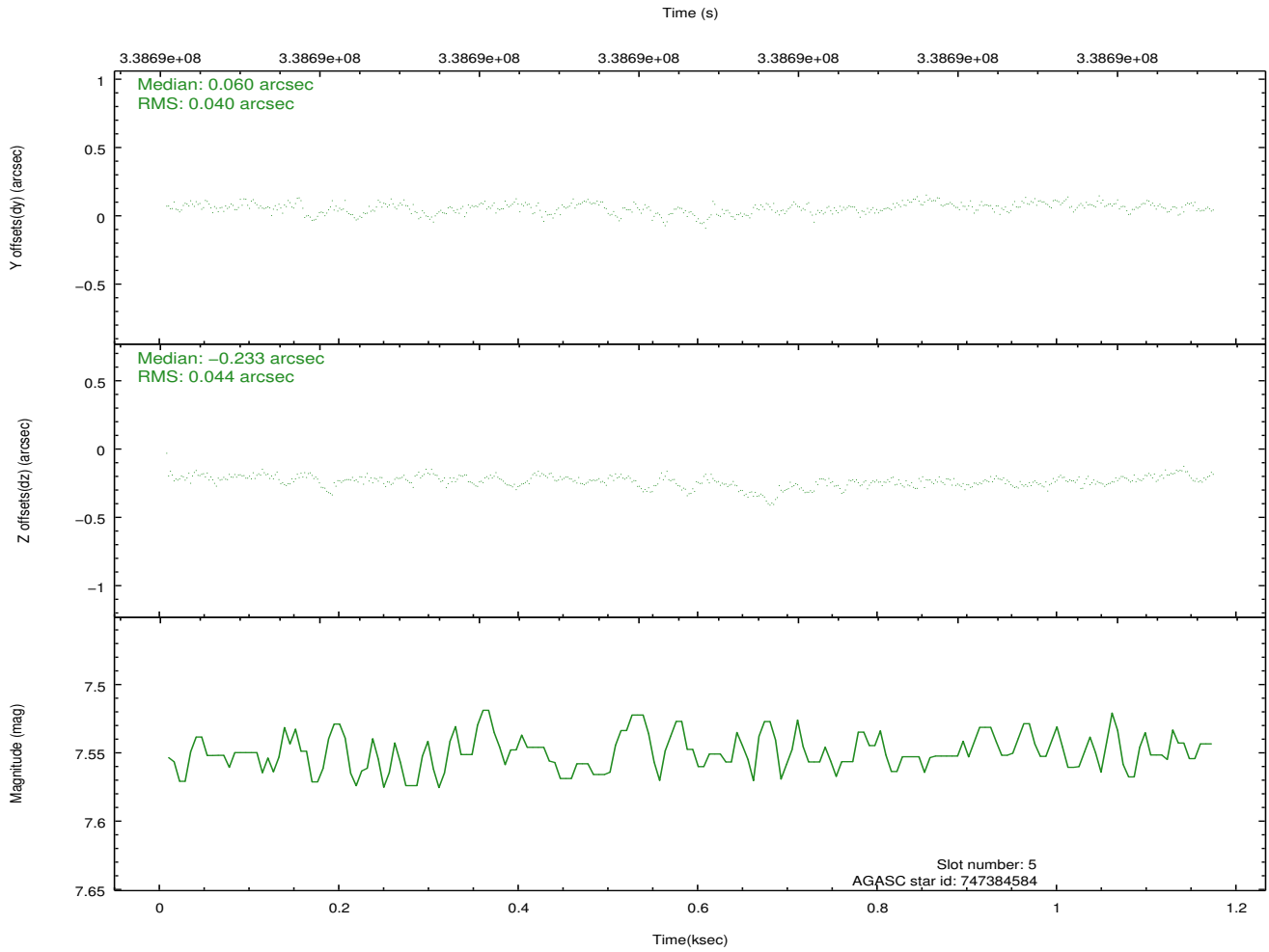
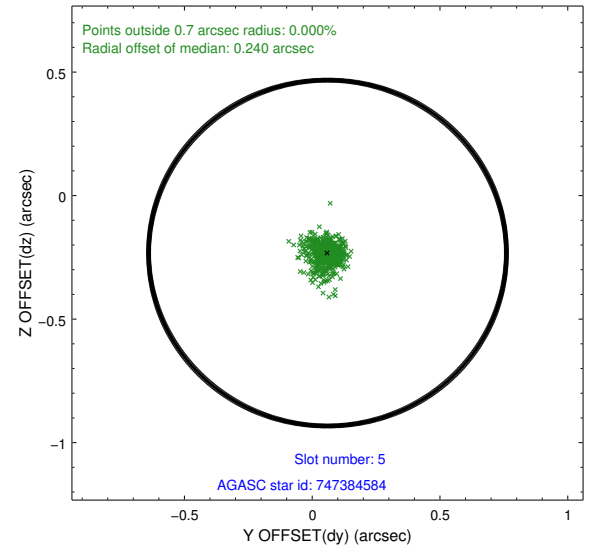
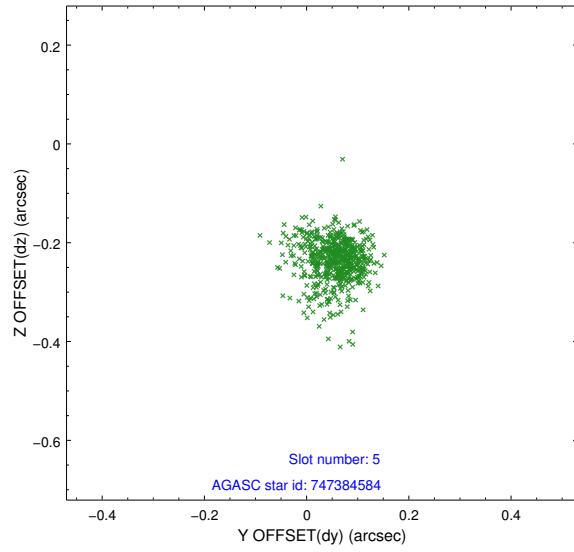
2.4.1 Slot 3



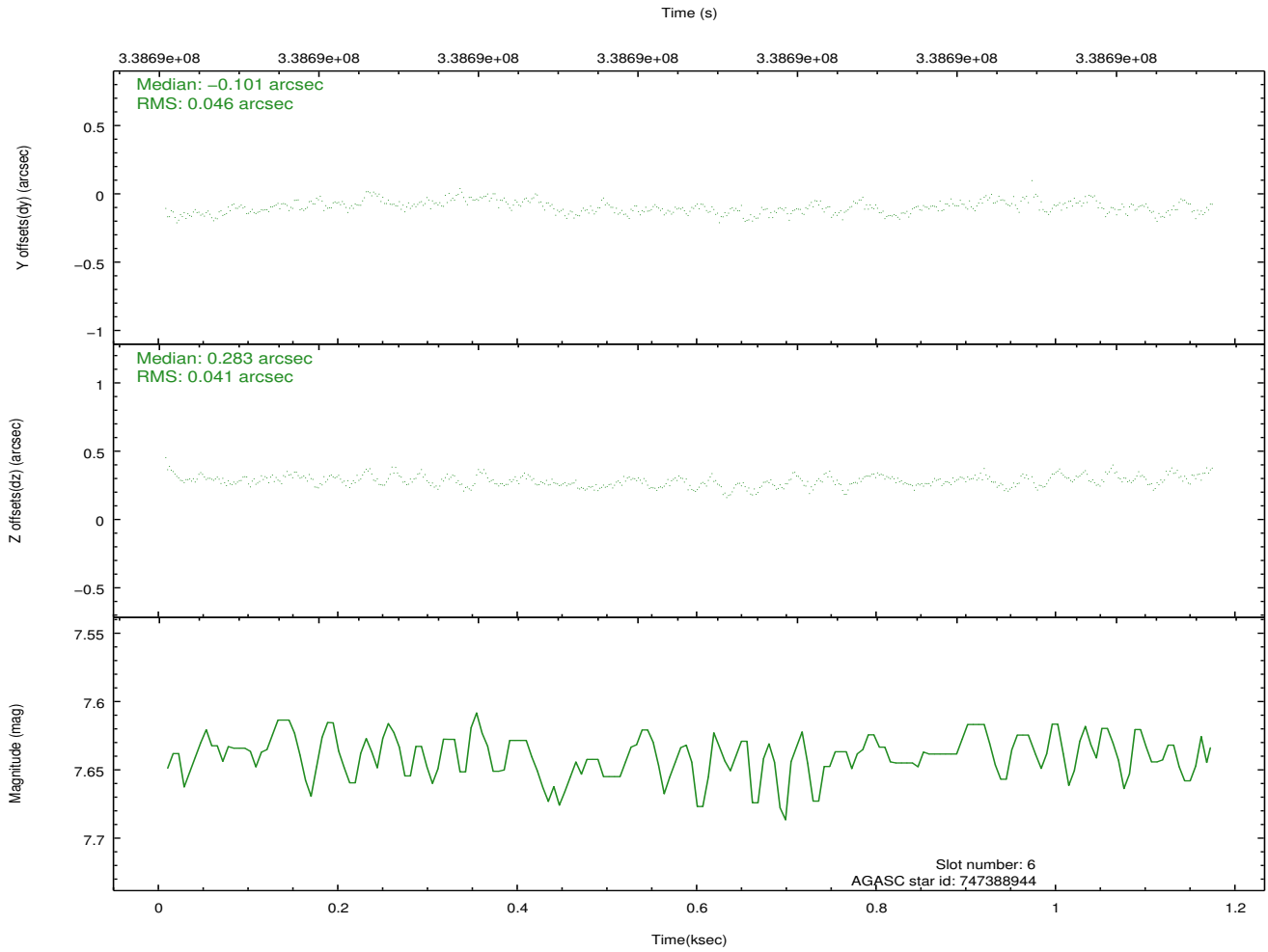
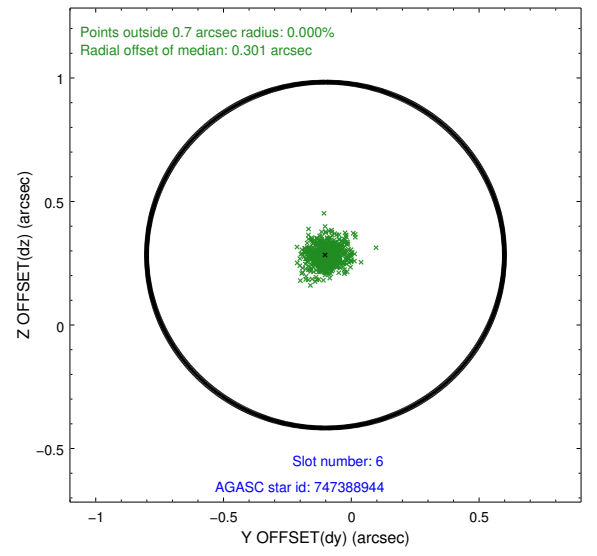
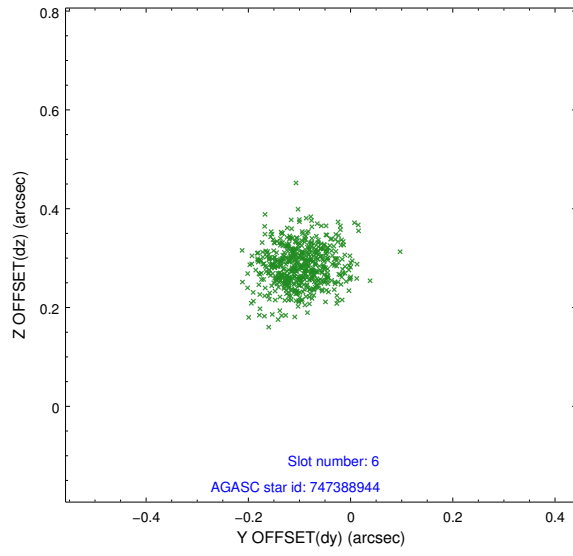
2.4.2 Slot 4



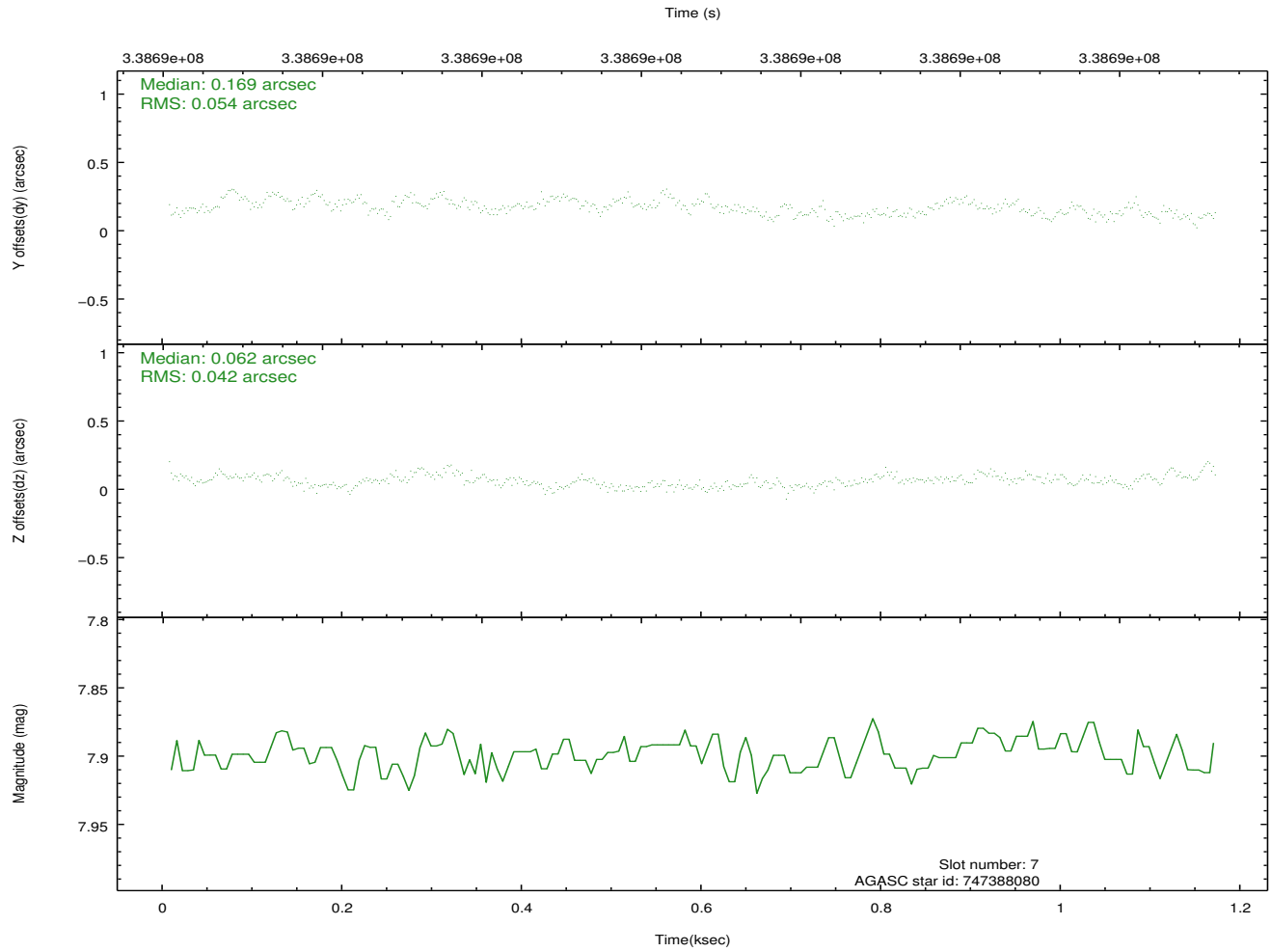
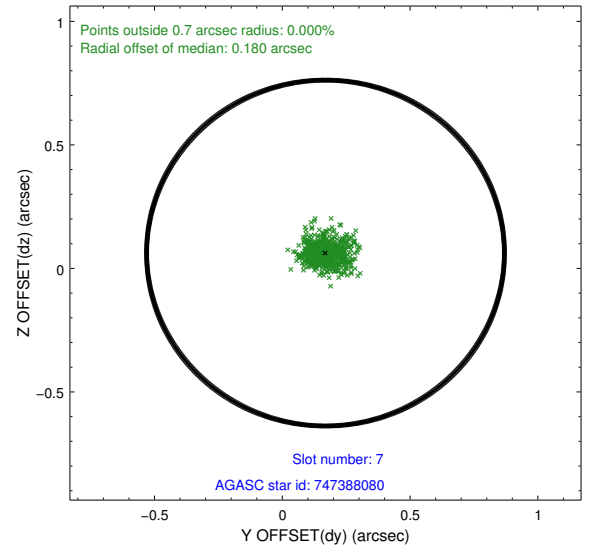
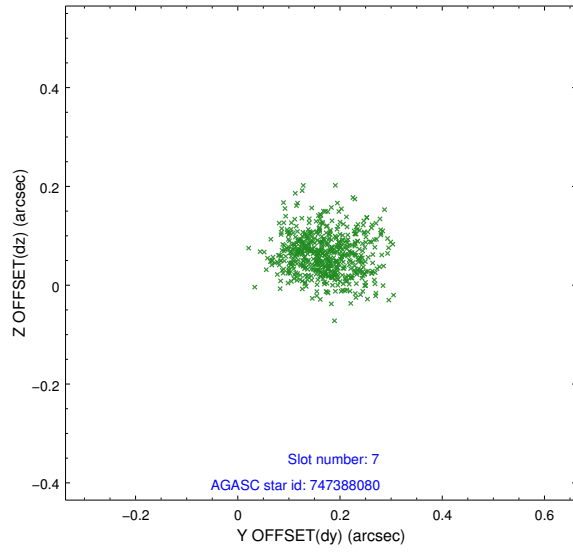
2.4.3 Slot 5



2.4.4 Slot 6

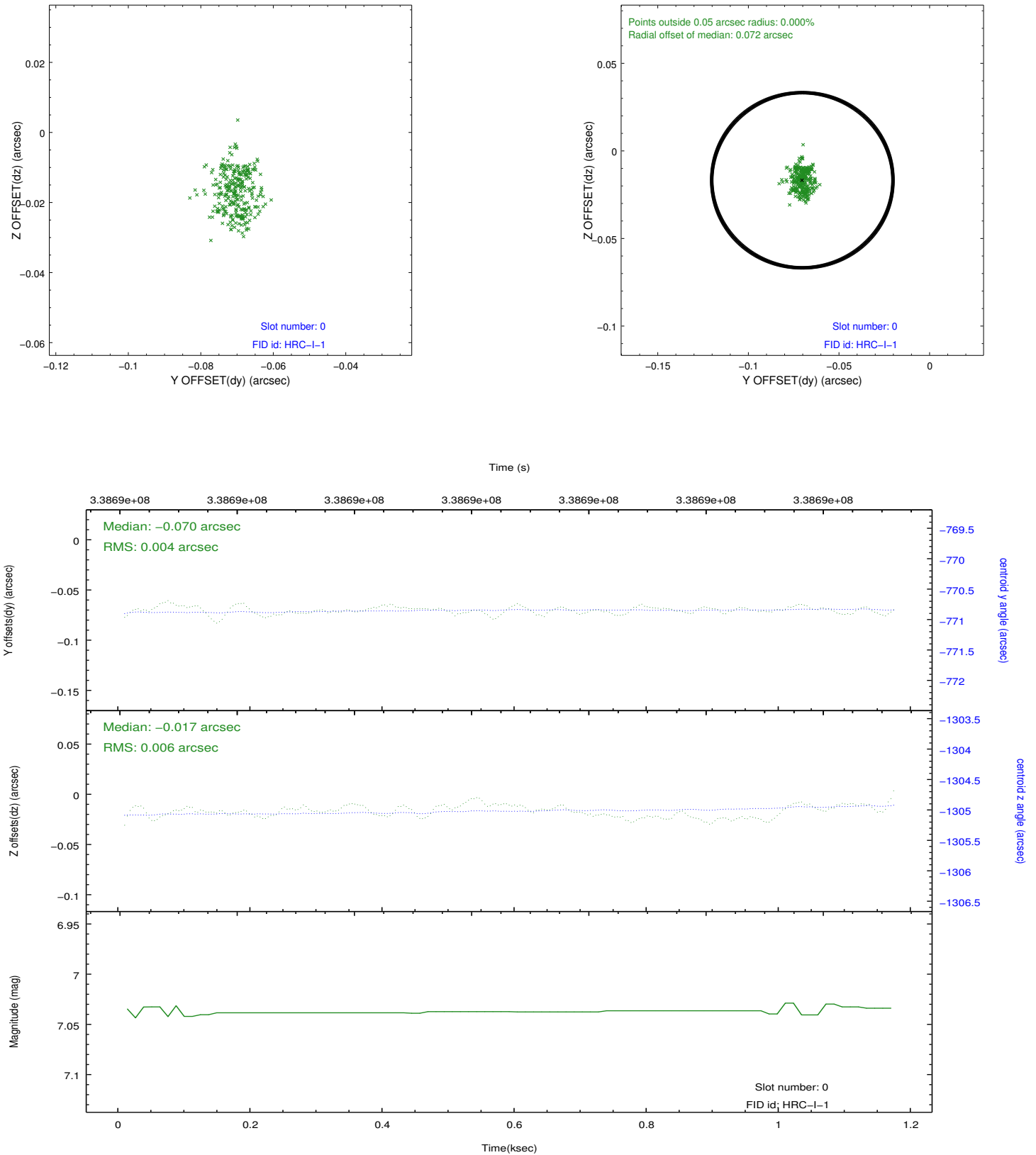


2.4.5 Slot 7

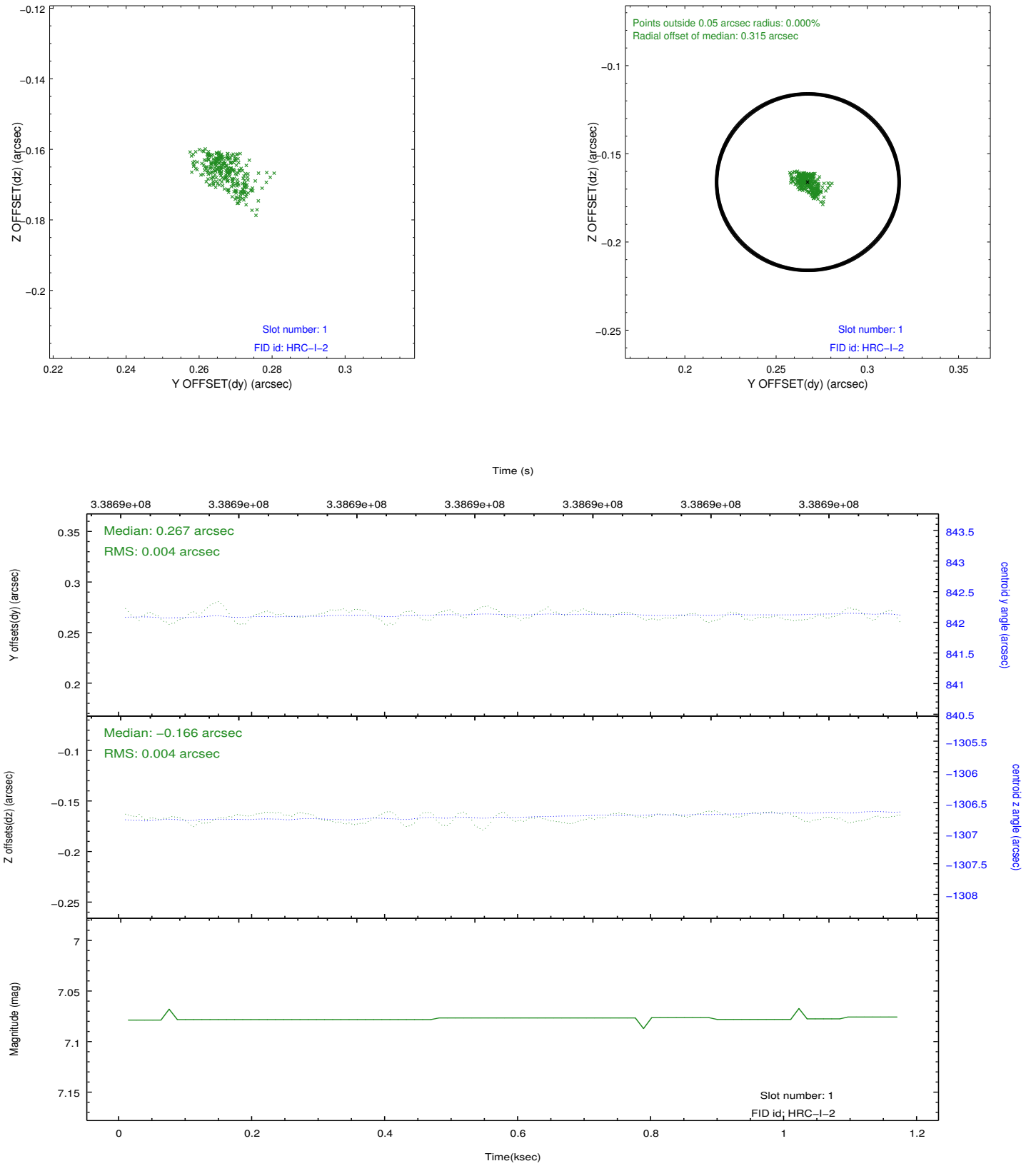


2.5 FID Slots

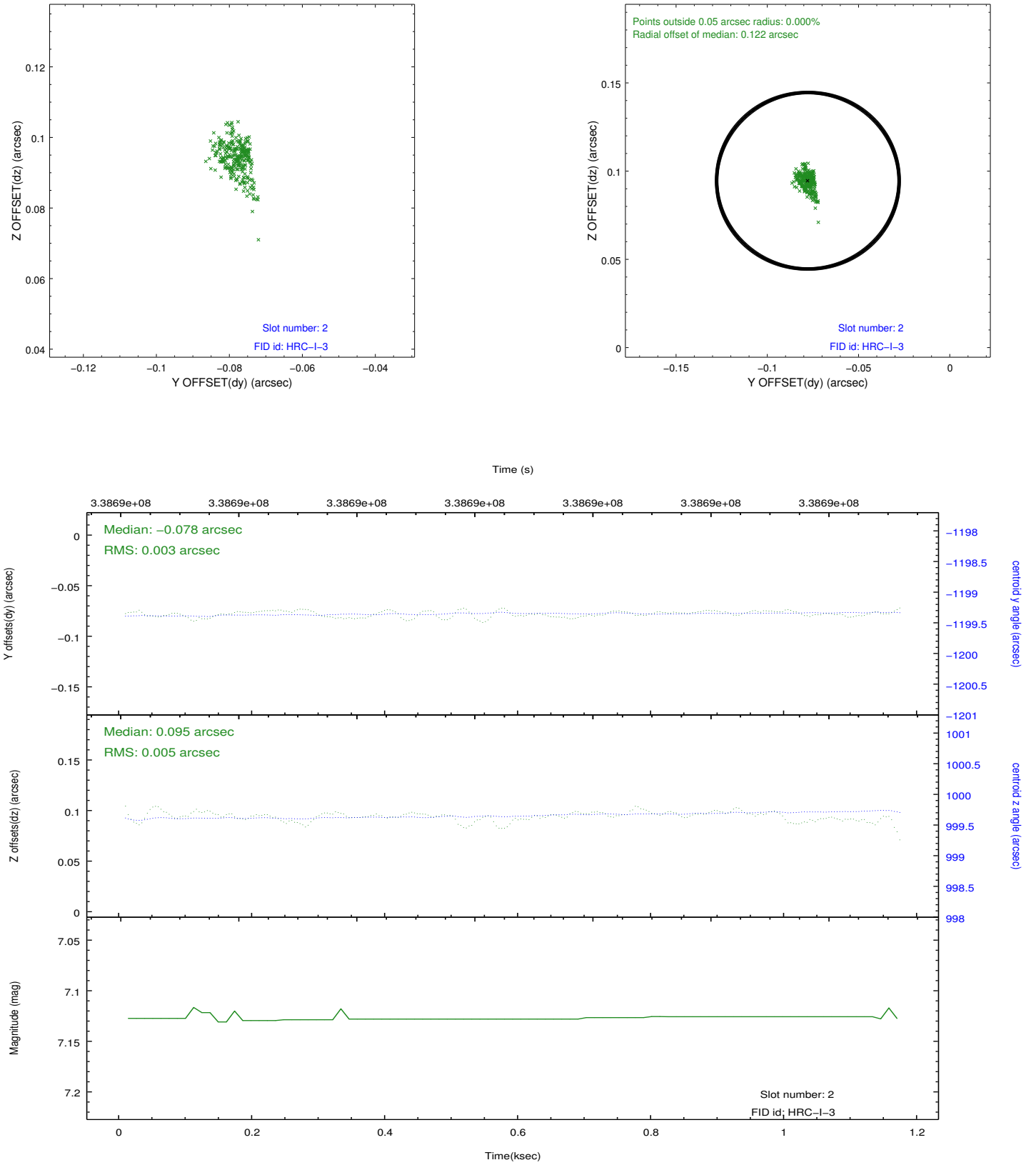
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.16542505

A.2 Comments