

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7395 - L2 Version 3
Chandra X-Ray Center

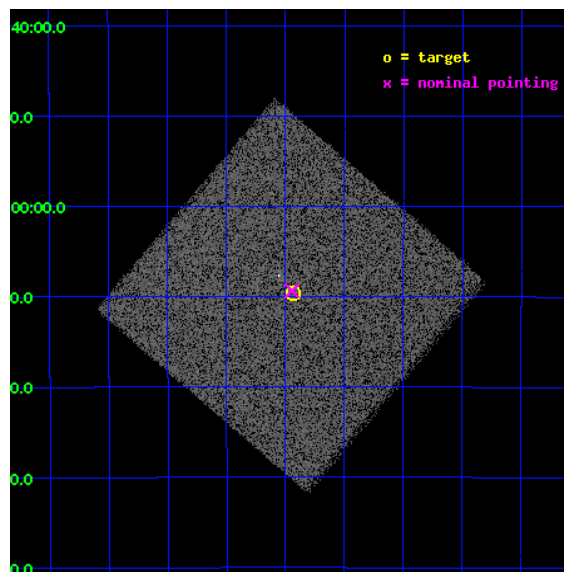
L2 Processing Date : Aug 12 2012

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

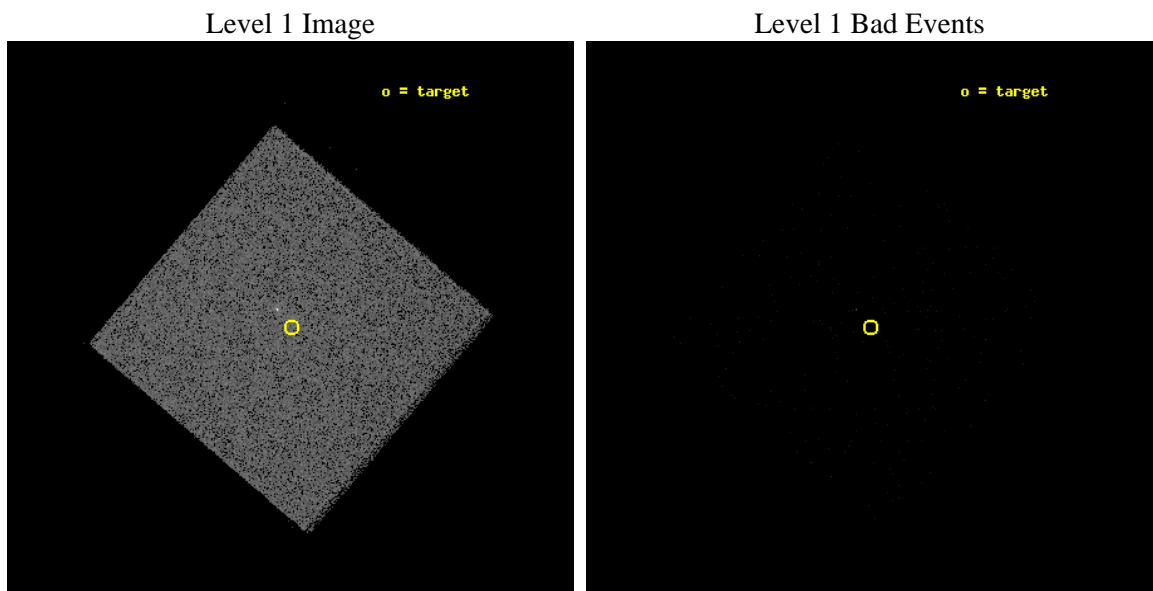
seq_num	400568	Sequence number
obs_id	7395	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J16194-2810	Source name
ra_targ	244.857917	Observer's specified target RA [deg]
dec_targ	-28.16	Observer's specified target Dec [deg]
ra_nom	244.86138030113	Nominal RA [deg]
dec_nom	-28.155967115665	Nominal Dec [deg]
roll_nom	85.624779390642	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1141.081305325	[s]
livetime	1128.9128207983	Ontime multiplied by DTCOR
l2events	75733	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	1141.081305325	[s]
caldbver	4.5.1.1	 	l1events	207853	Number of level 1 events
date	2012-08-12T08:56:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

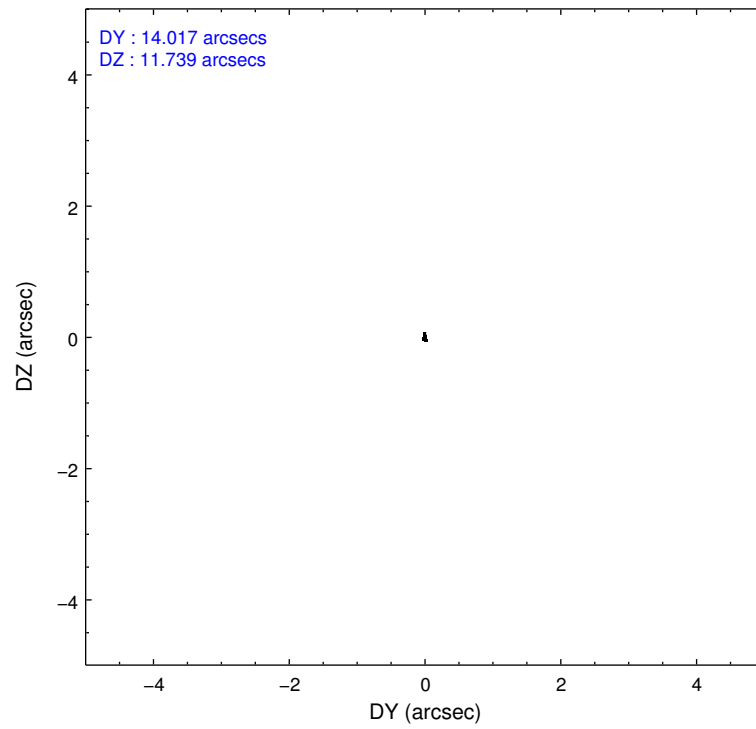
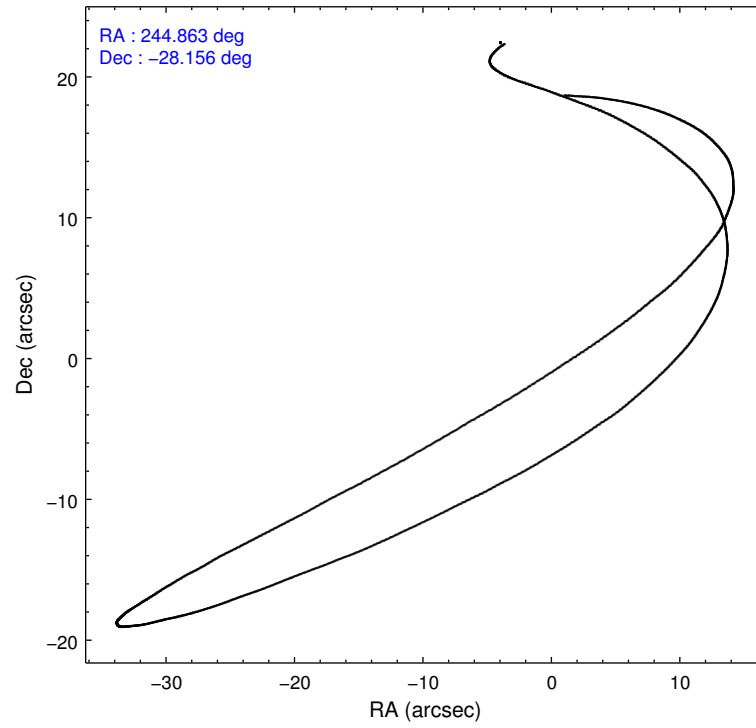
Level 1 Events

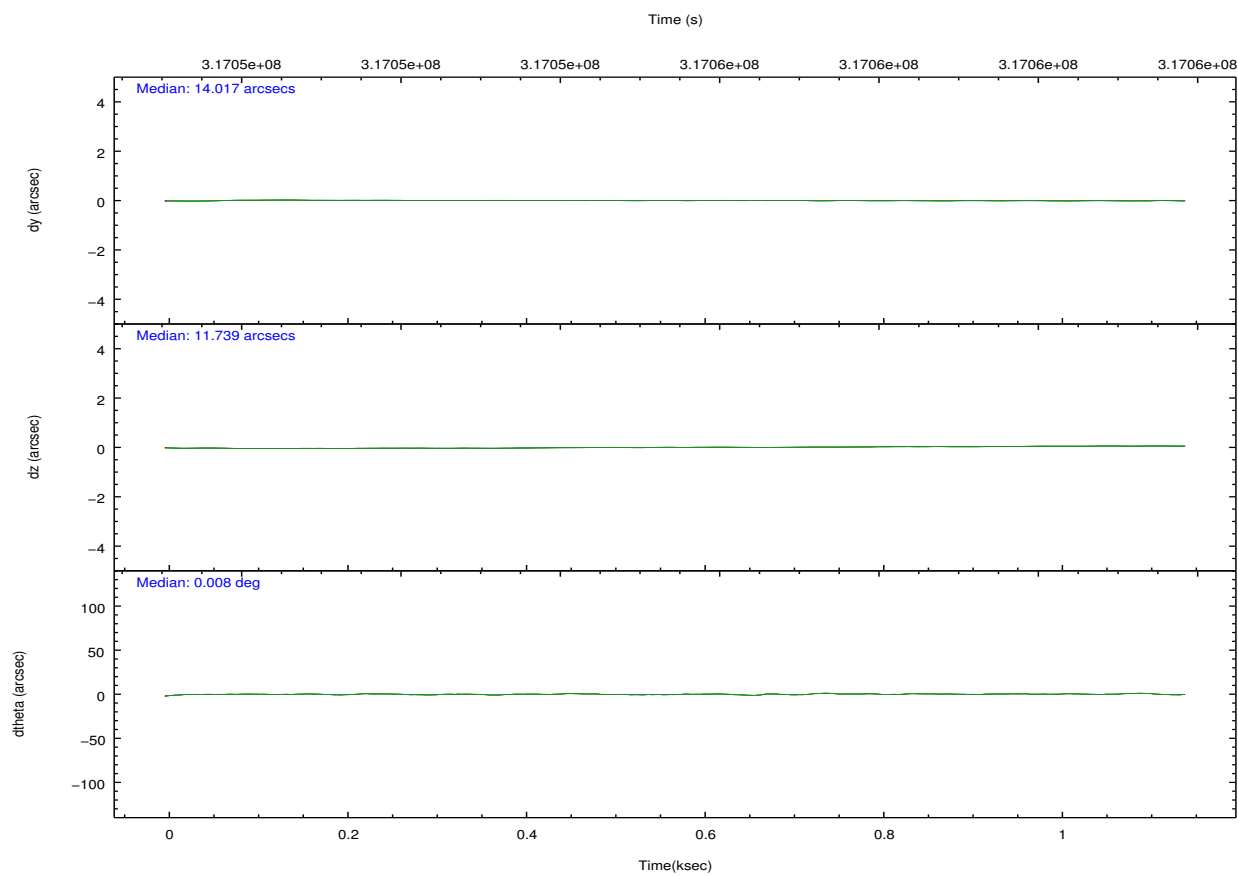
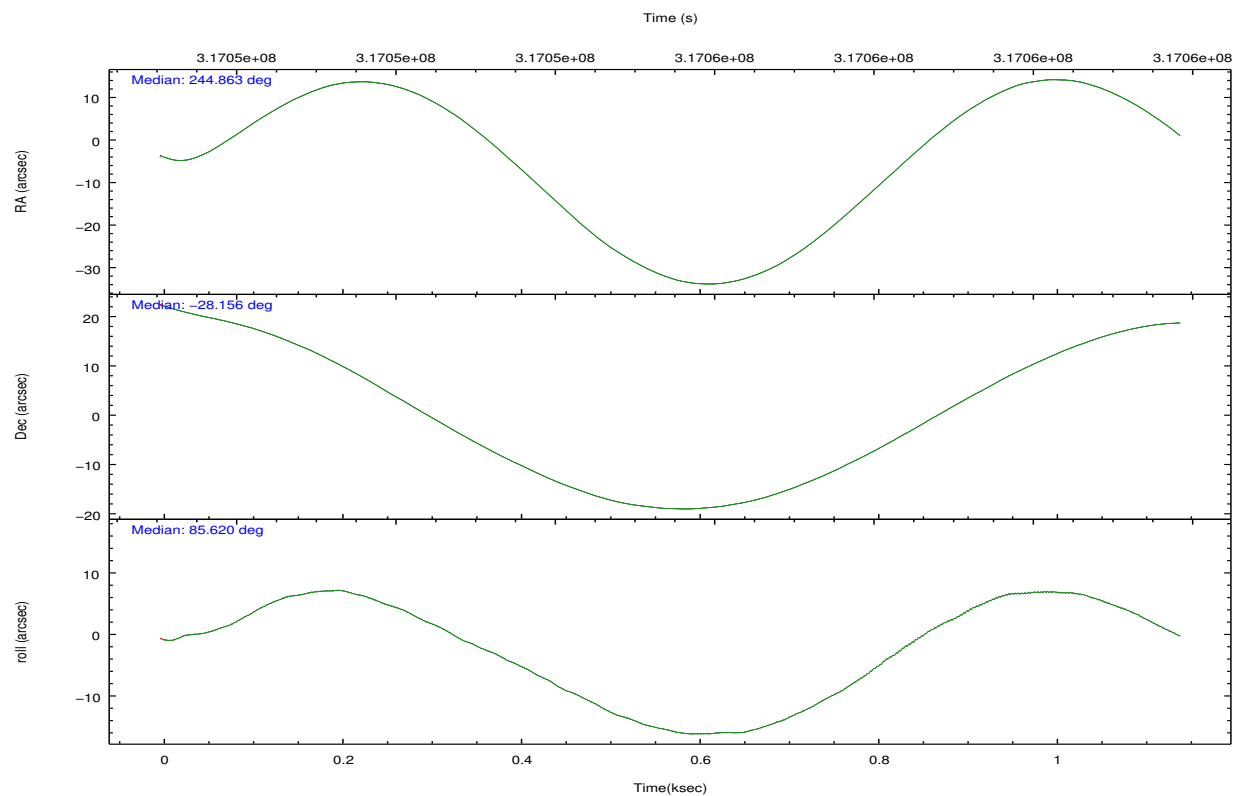
	segment 0
level 1 events	207853
rejected events	98296
rejected %	47%

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	244.874001	244.8613803011319			
[deg] Pointing Dec	-28.180451	-28.15596711566503			
[deg] Pointing Roll	85.726230	85.62477939064165			
[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)	317054506.184000	317053295.43903			
Observation start date	2008-01-18T14:40:41	2008-01-18T14:21:35			
[s] Observation end time (MET)	317055506.184000	317056457.05168			
Observation end date	2008-01-18T14:57:21	2008-01-18T15:14:17			

2.3 Aspect



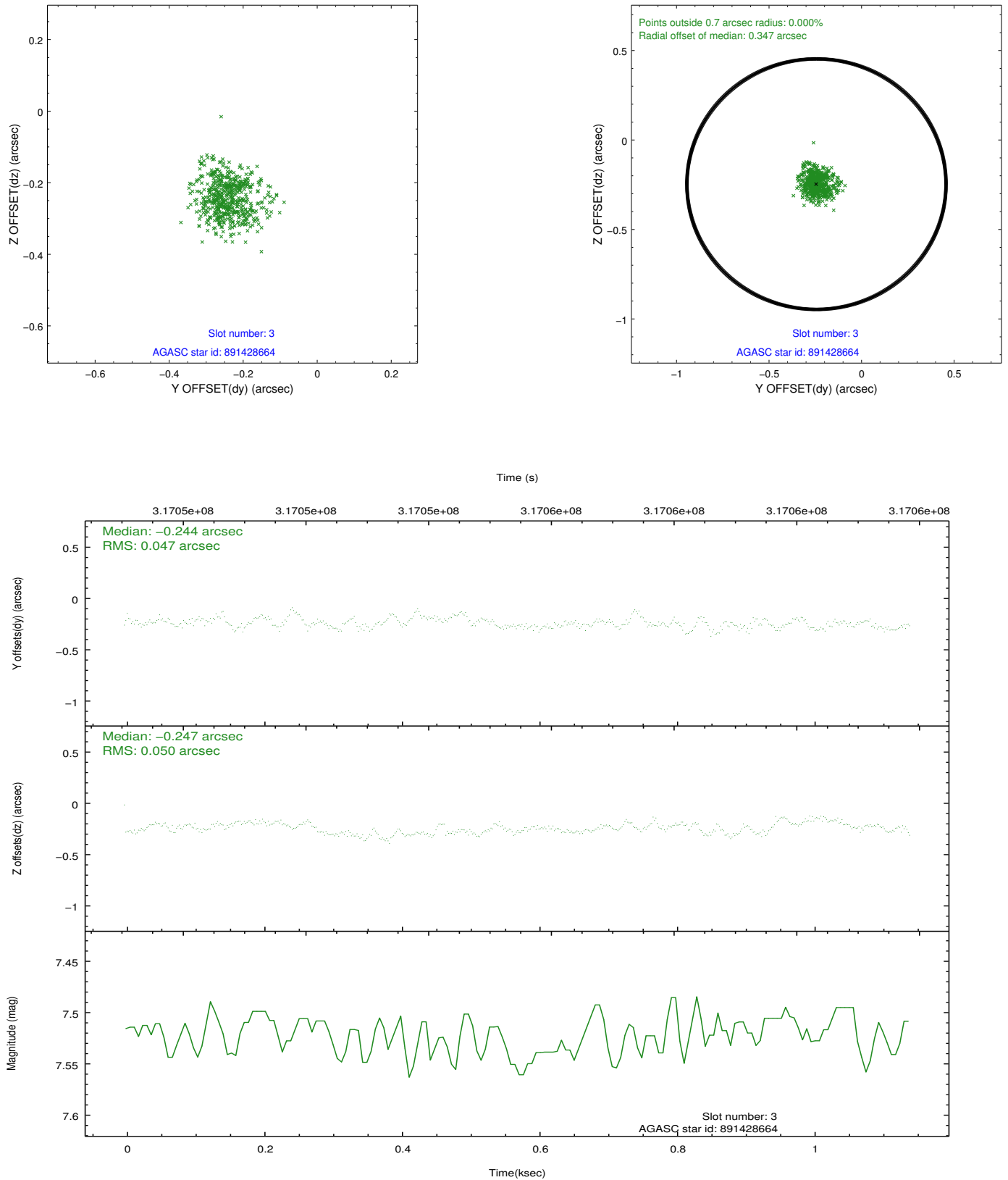


Slot Statistics

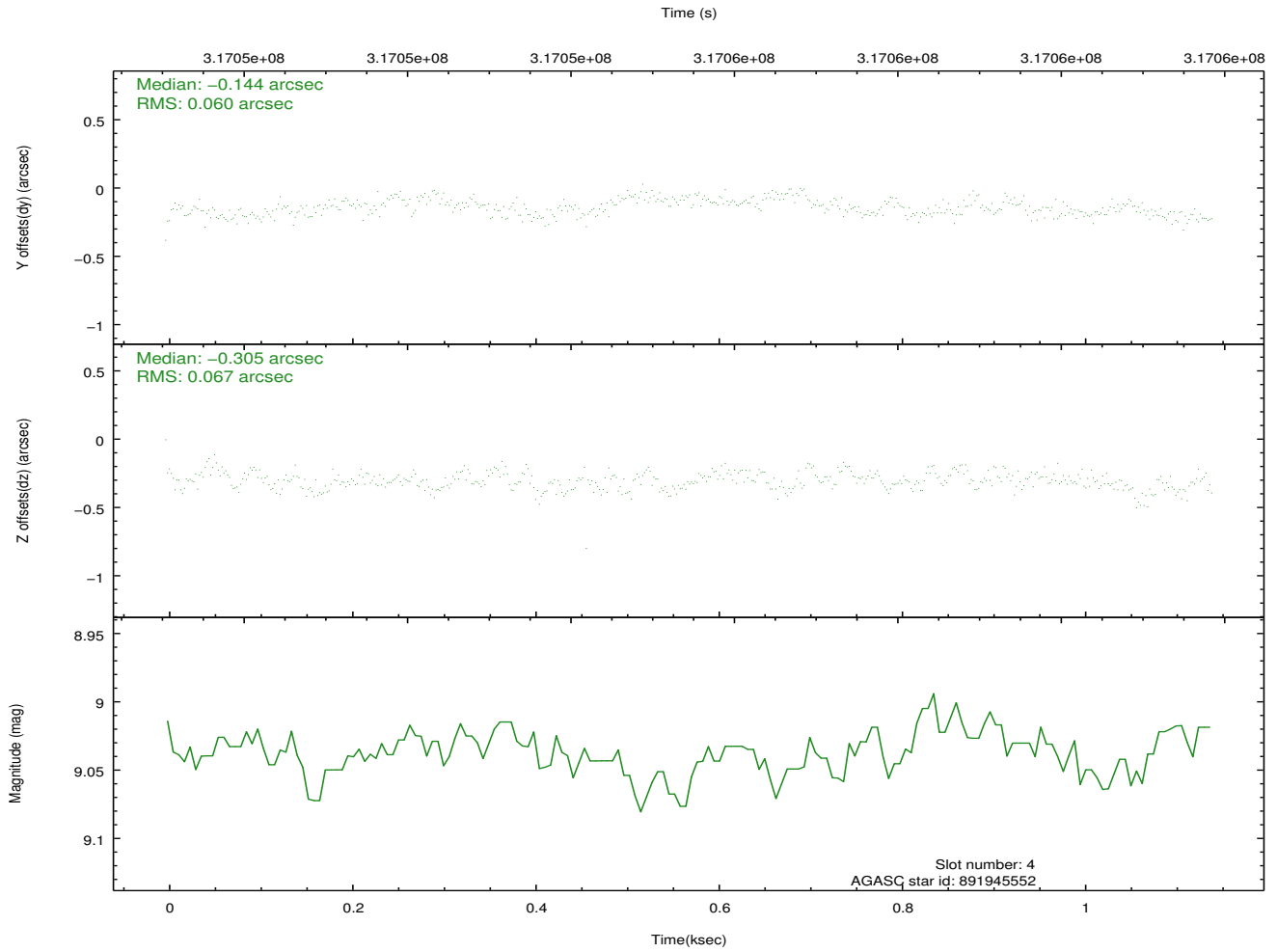
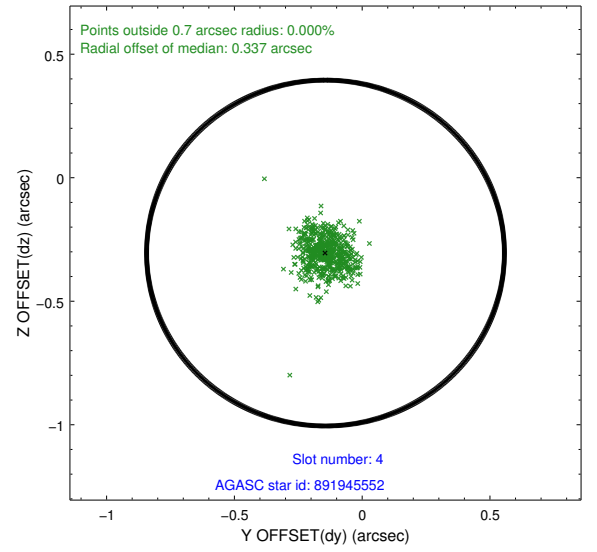
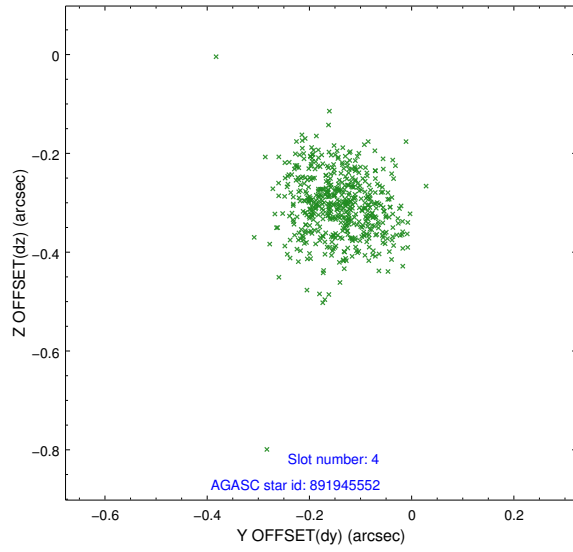
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	279	-0.066	0.010	0.005	0.012	0.000000	0.000000	-769.85	-1299.72
1	FID	HRC-I-2	7.01	279	0.224	-0.130	0.007	0.012	0.000000	0.000000	840.31	-1306.08
2	FID	HRC-I-3	7.07	279	-0.040	0.029	0.006	0.011	0.000000	0.000000	-1195.31	1000.18
3	GUIDE	891428664	7.52	558	-0.244	-0.247	0.073	0.120	244.567326	-28.041705	422.81	1013.12
4	GUIDE	891945552	9.04	558	-0.144	-0.305	0.094	0.147	244.189148	-28.273348	-501.94	2145.77
5	GUIDE	892077008	9.19	557	0.090	0.149	0.095	0.160	245.064643	-28.716914	-1883.34	-735.90
6	GUIDE	892078368	9.32	558	0.160	0.084	0.106	0.169	245.176886	-28.744099	-1957.67	-1101.55
7	GUIDE	892080496	9.23	556	0.133	0.326	0.086	0.147	245.344389	-28.750355	-1942.49	-1631.09

2.4 Star Slots

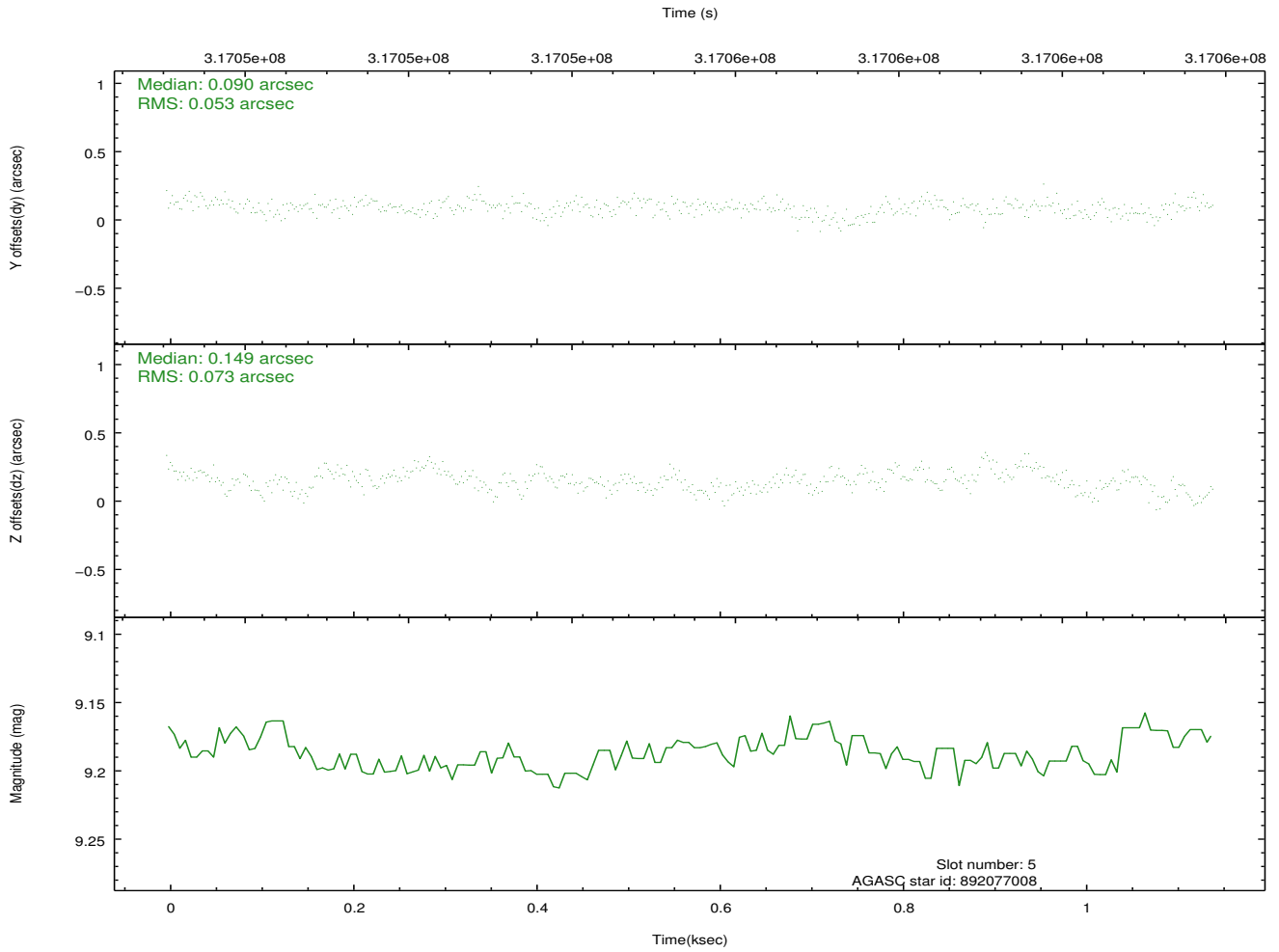
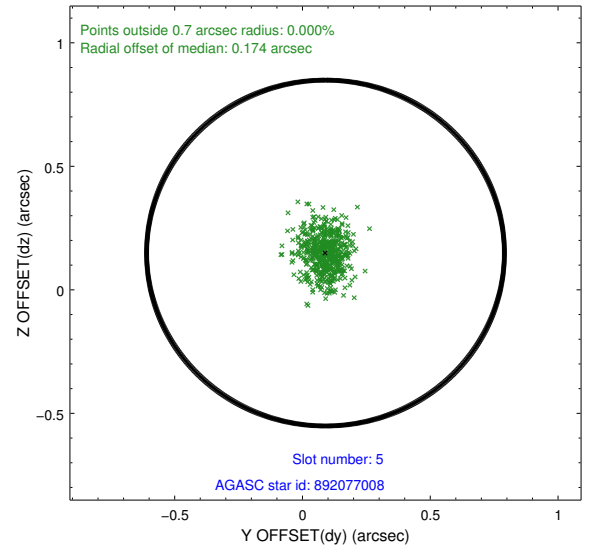
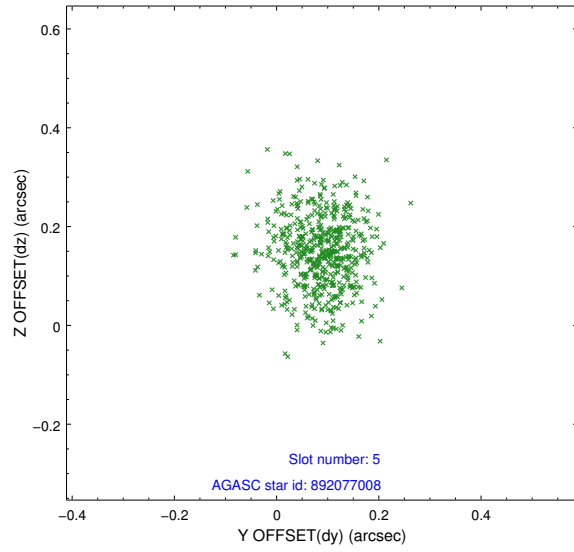
2.4.1 Slot 3



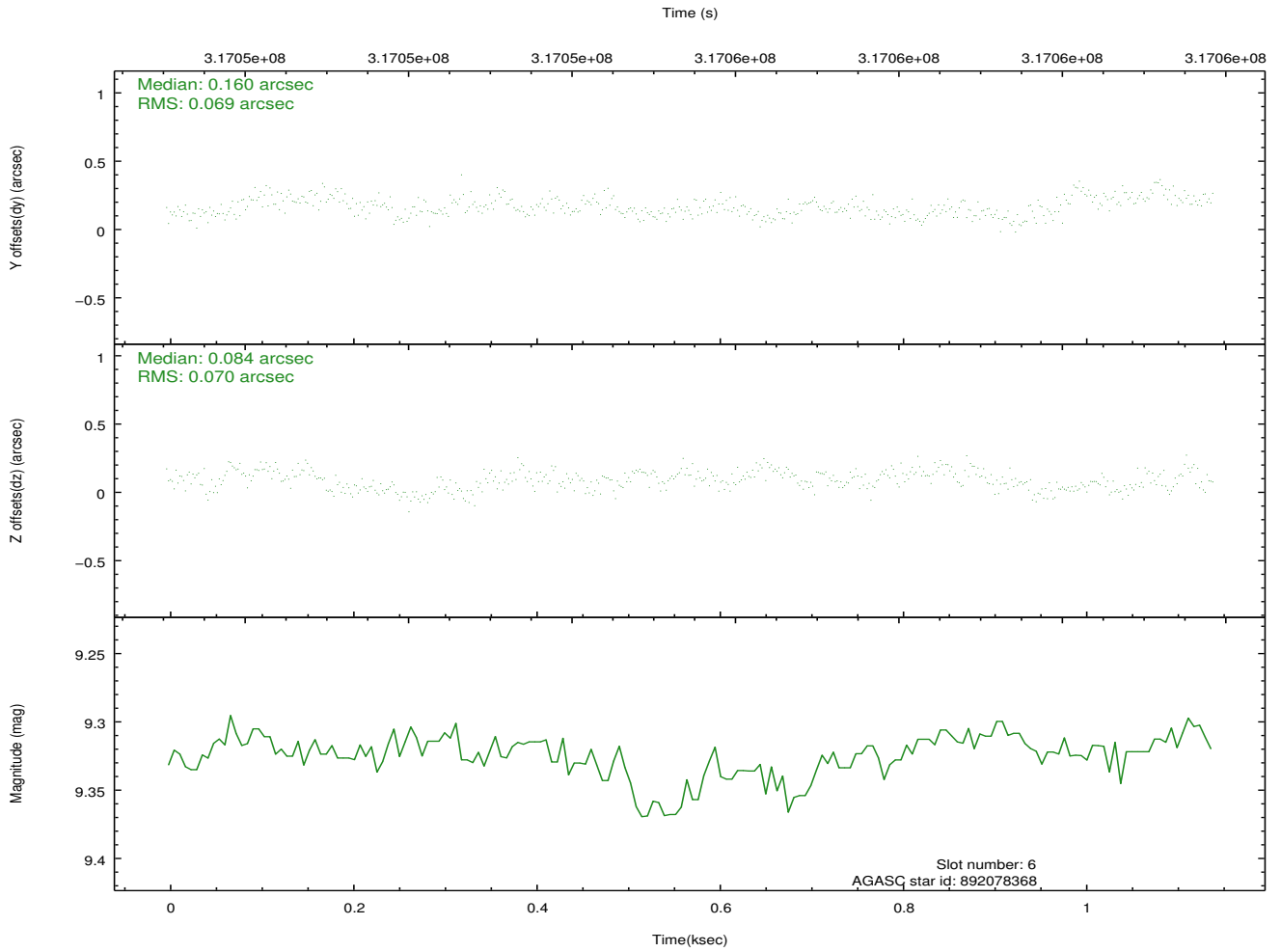
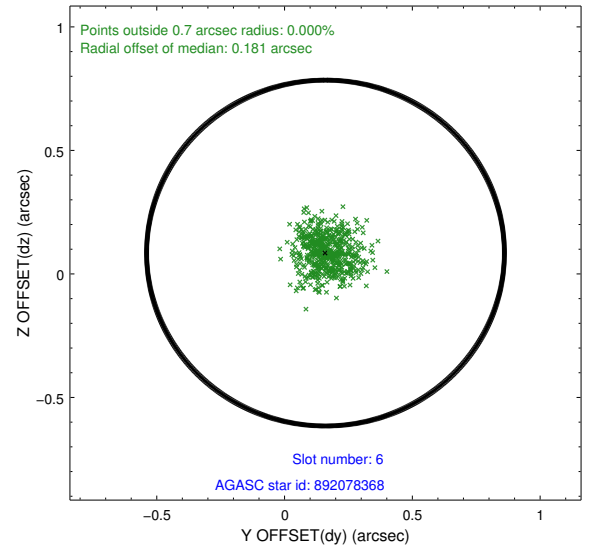
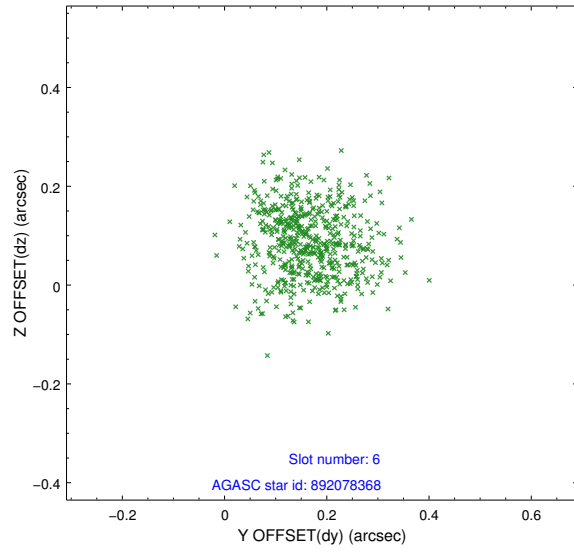
2.4.2 Slot 4



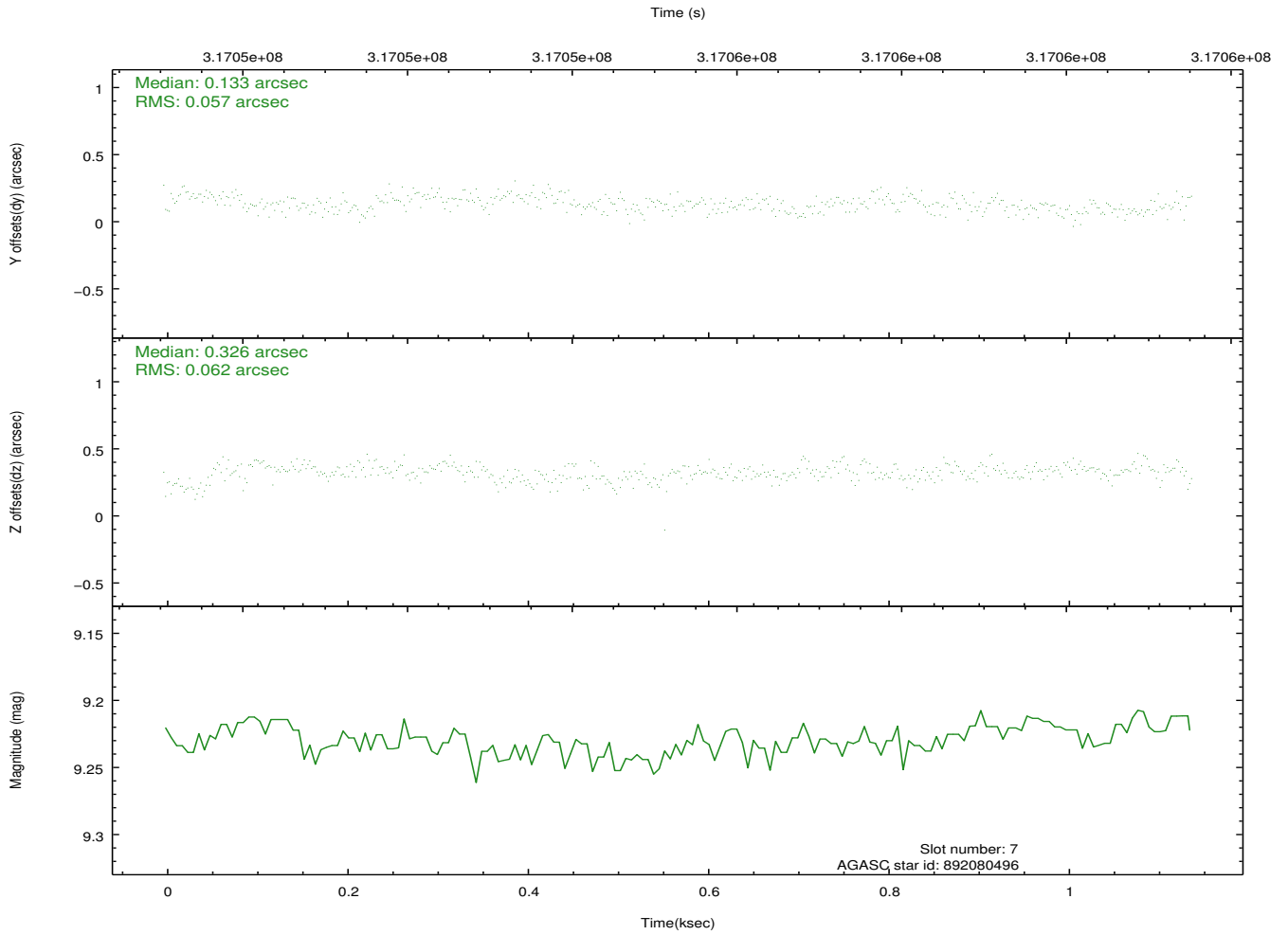
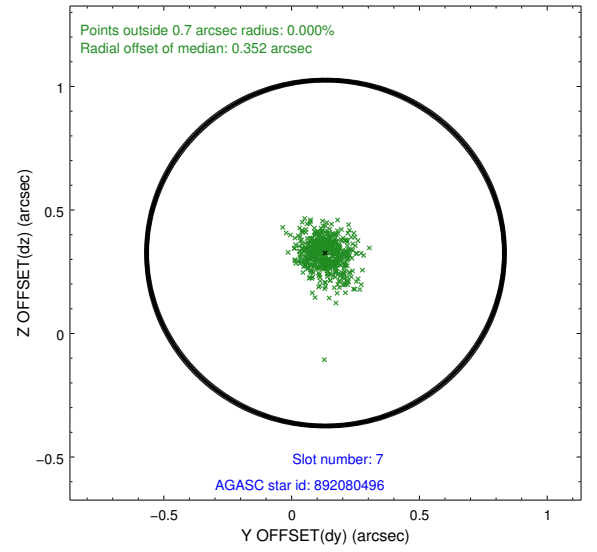
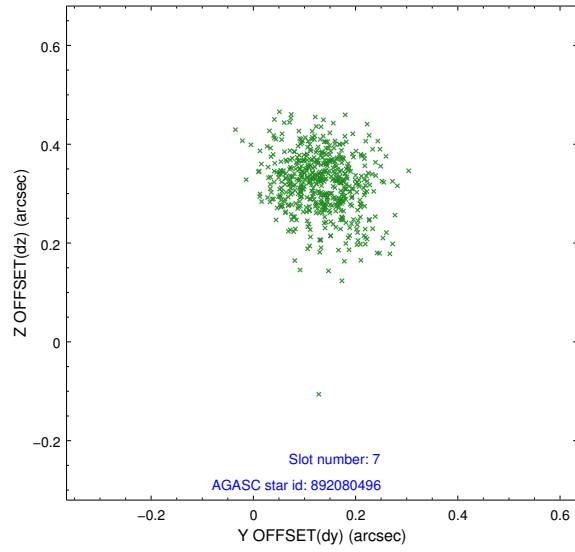
2.4.3 Slot 5



2.4.4 Slot 6

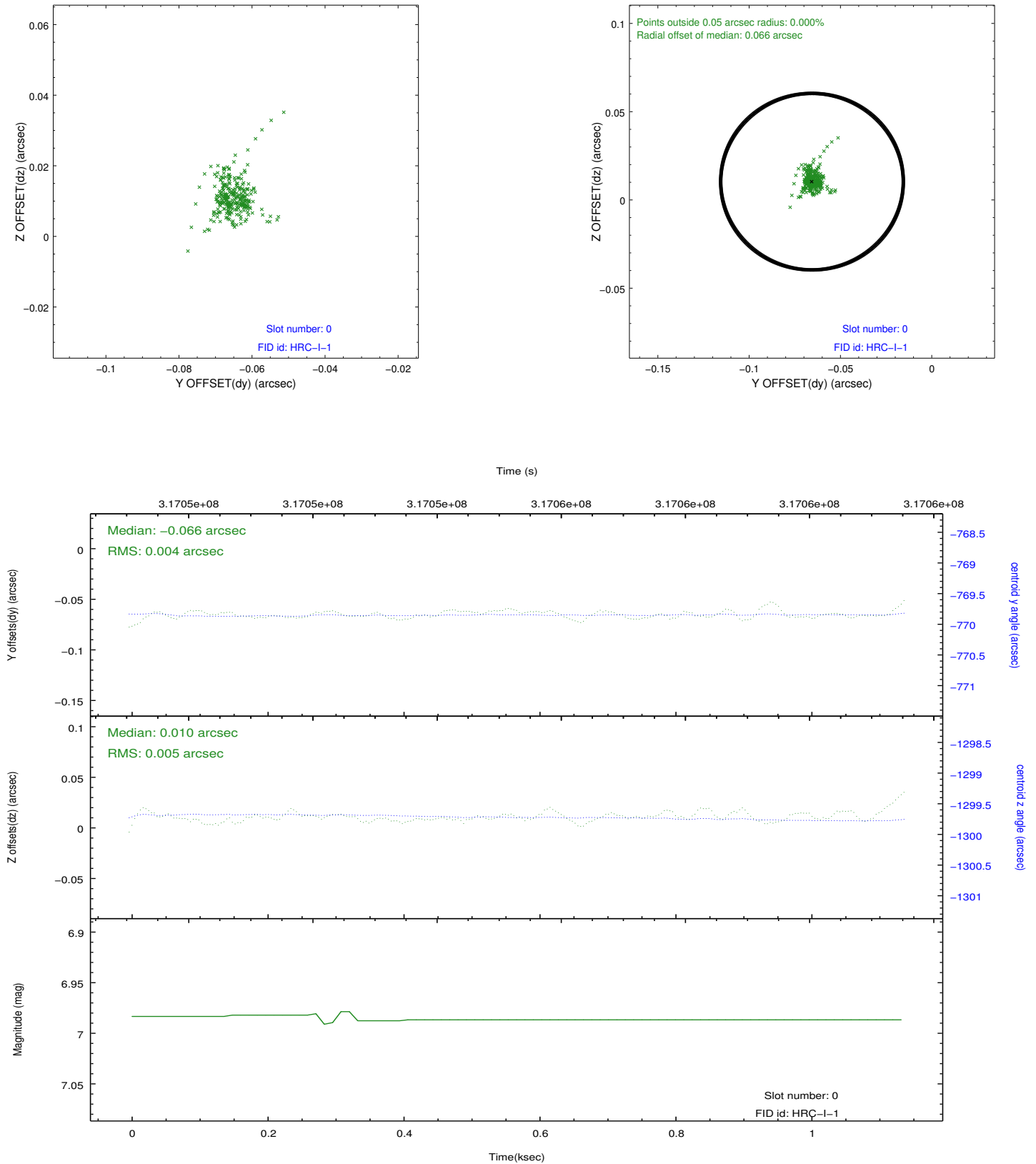


2.4.5 Slot 7

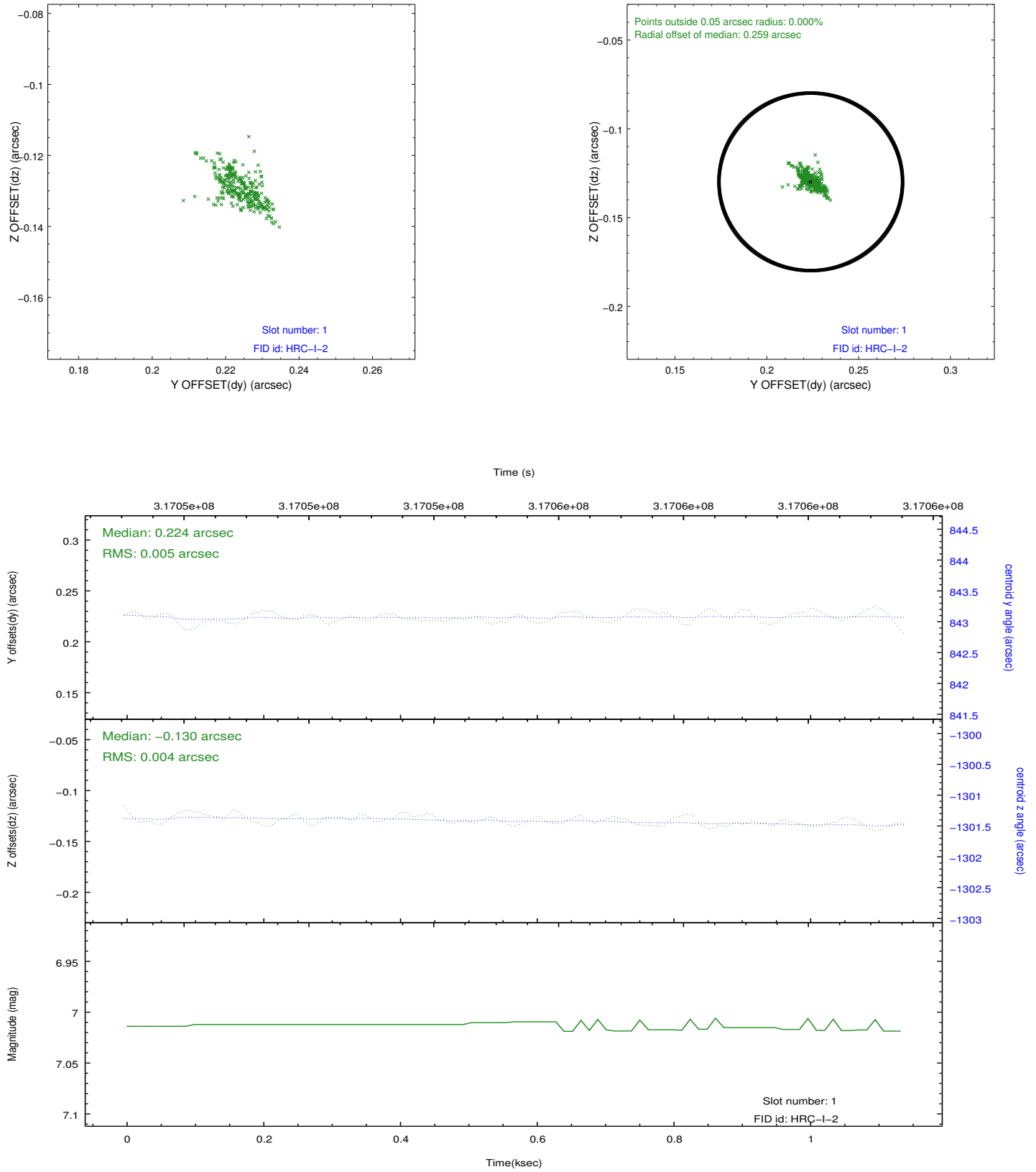


2.5 FID Slots

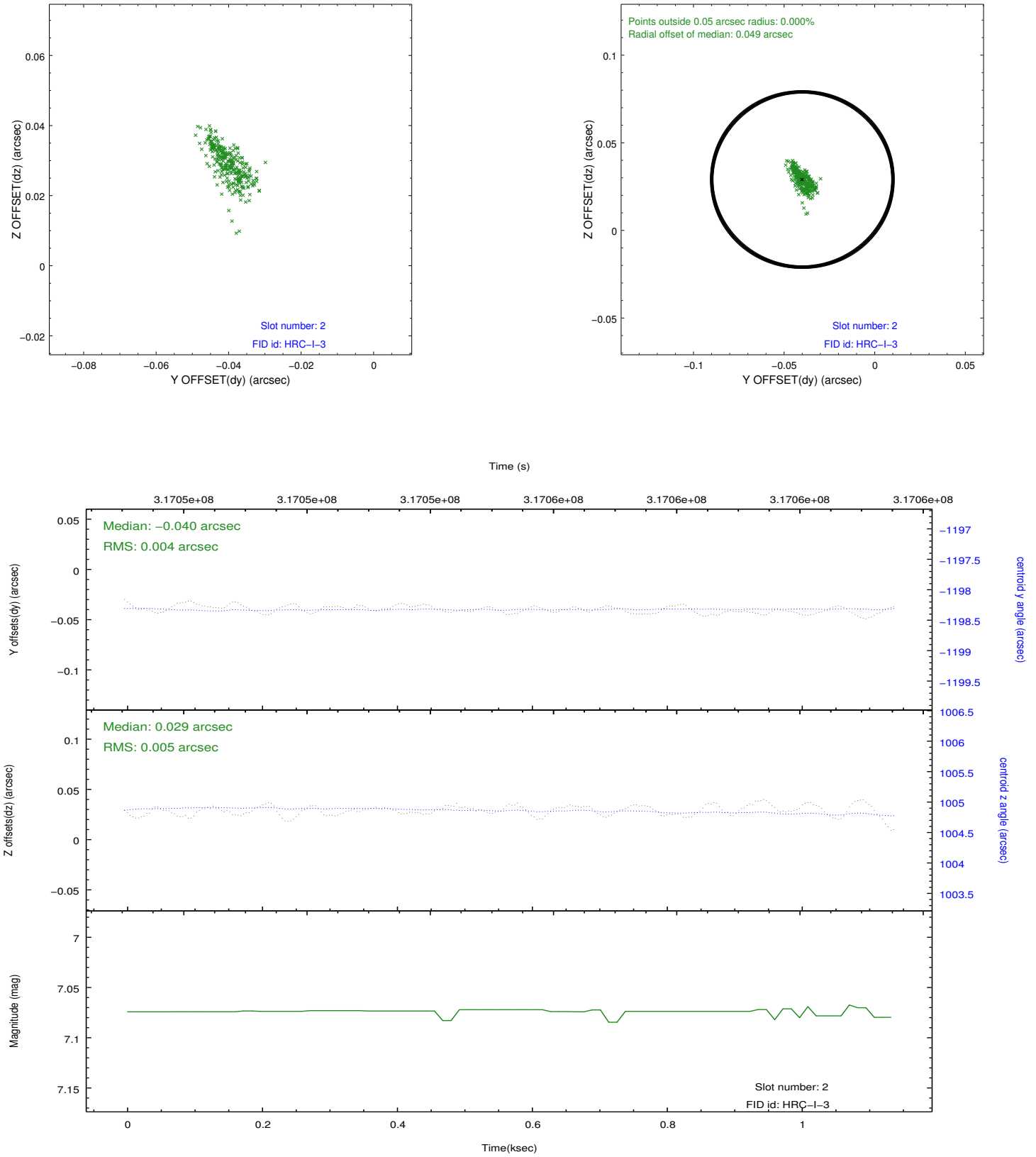
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1410813

A.2 Comments