

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2613 - L2 Version 4
Chandra X-Ray Center

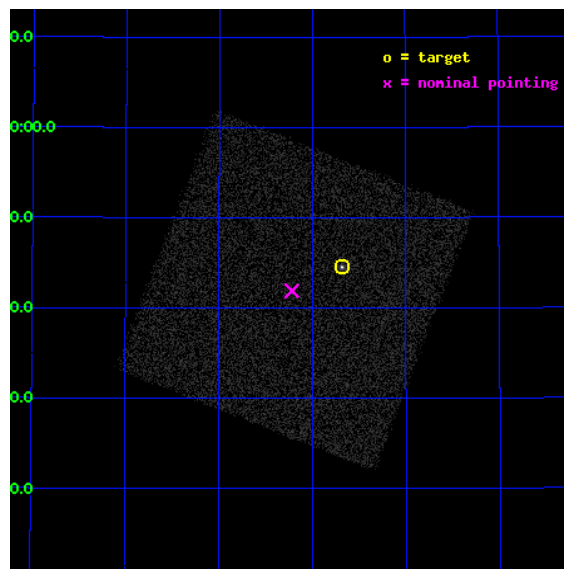
L2 Processing Date : Oct 1 2012

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1 Front

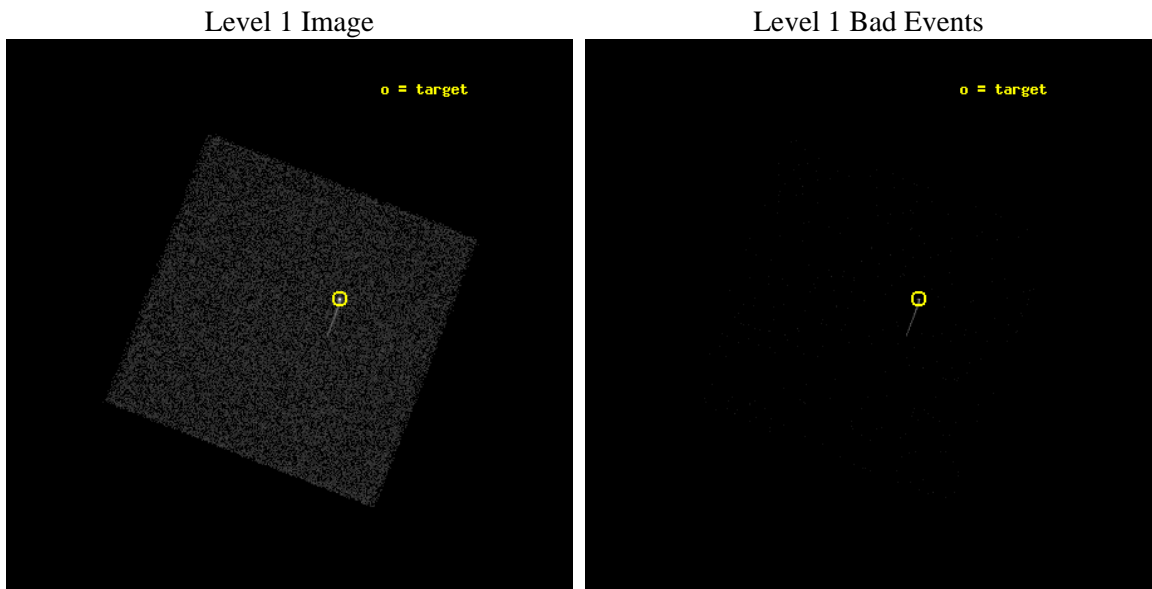
seq_num	290169	Sequence number
obs_id	2613	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.30465649876	Nominal RA [deg]
dec_nom	45.698811328481	Nominal Dec [deg]
roll_nom	336.37552200749	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1194.1250481308	[s]
livetime	1187.4680325546	Ontime multiplied by DTCOR
l2events	37517	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1194.1250481308	[s]
caldbver	4.5.2	 	l1events	68064	Number of level 1 events
date	2012-10-01T03:08:39	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

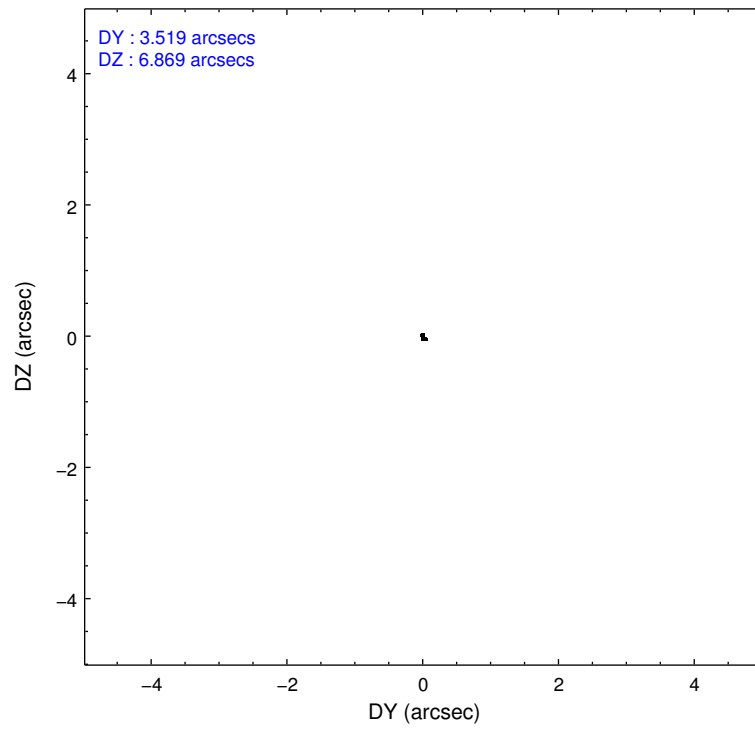
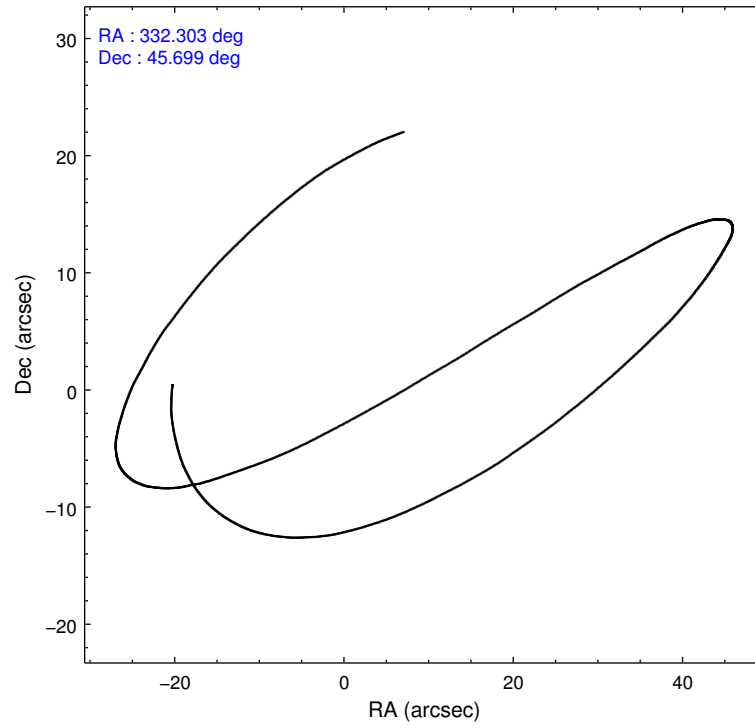
Level 1 Events

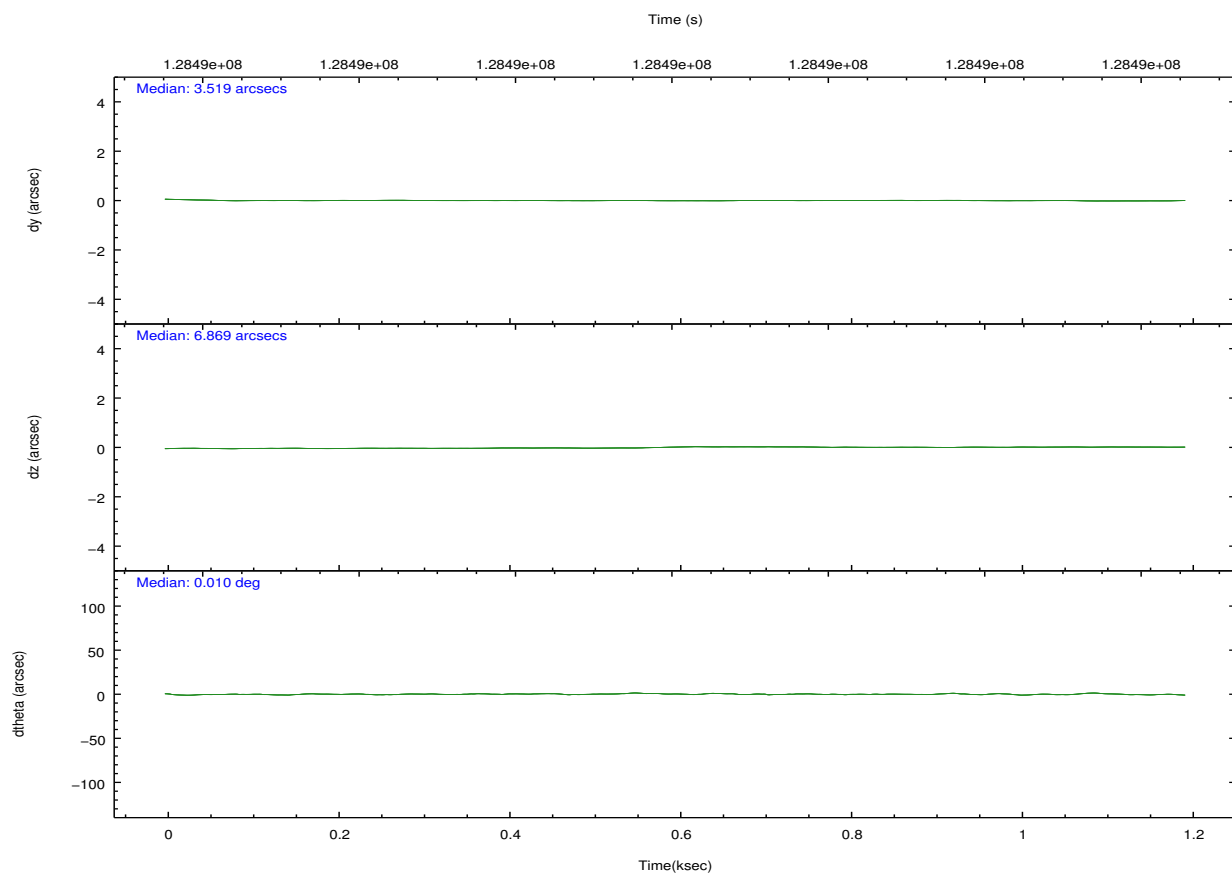
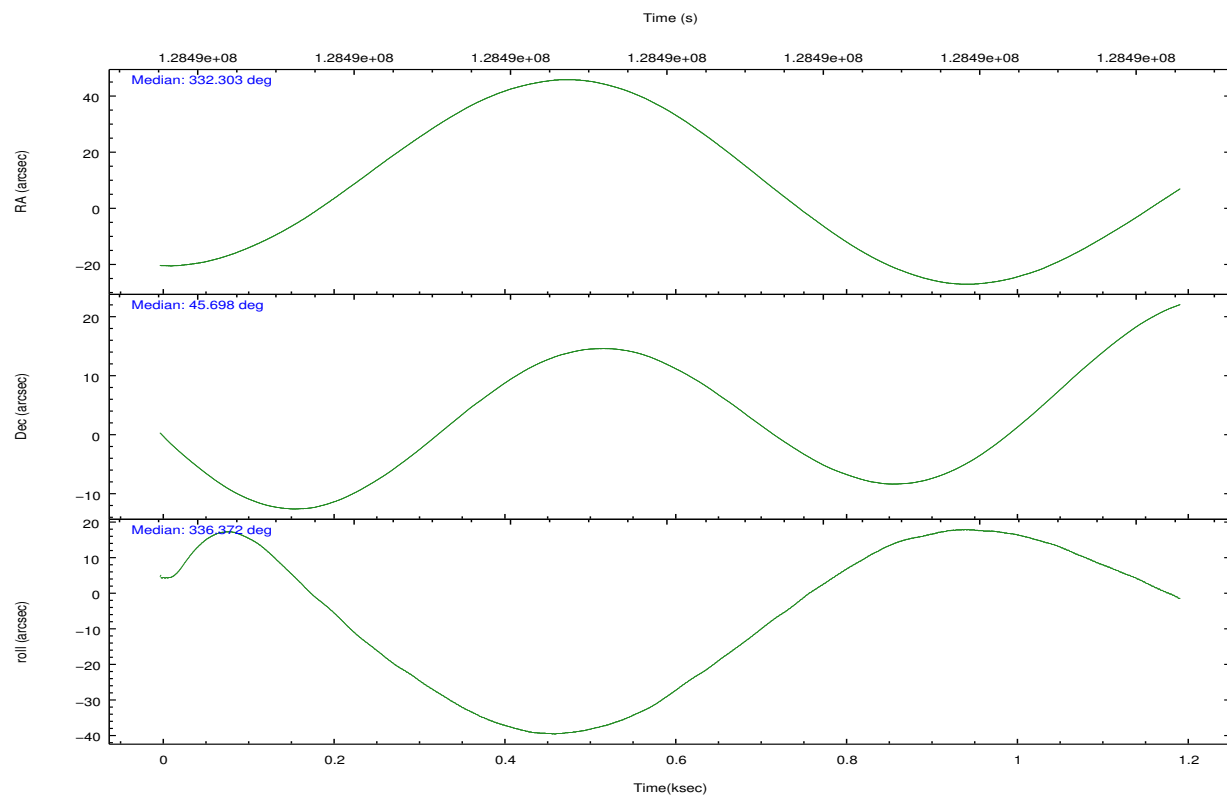
	segment 0
level 1 events	68064
rejected events	14153
rejected %	20%

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	332.267050	332.3046564987626			
[deg] Pointing Dec	45.695809	45.69881132848113			
[deg] Pointing Roll	336.498047	336.3755220074893			
[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)	128487399.184000	128487023.32762			
Observation start date	2002-01-27T02:55:35	2002-01-27T02:50:23			
[s] Observation end time (MET)	128488399.184000	128488533.15268			
Observation end date	2002-01-27T03:12:15	2002-01-27T03:15:33			

2.3 Aspect



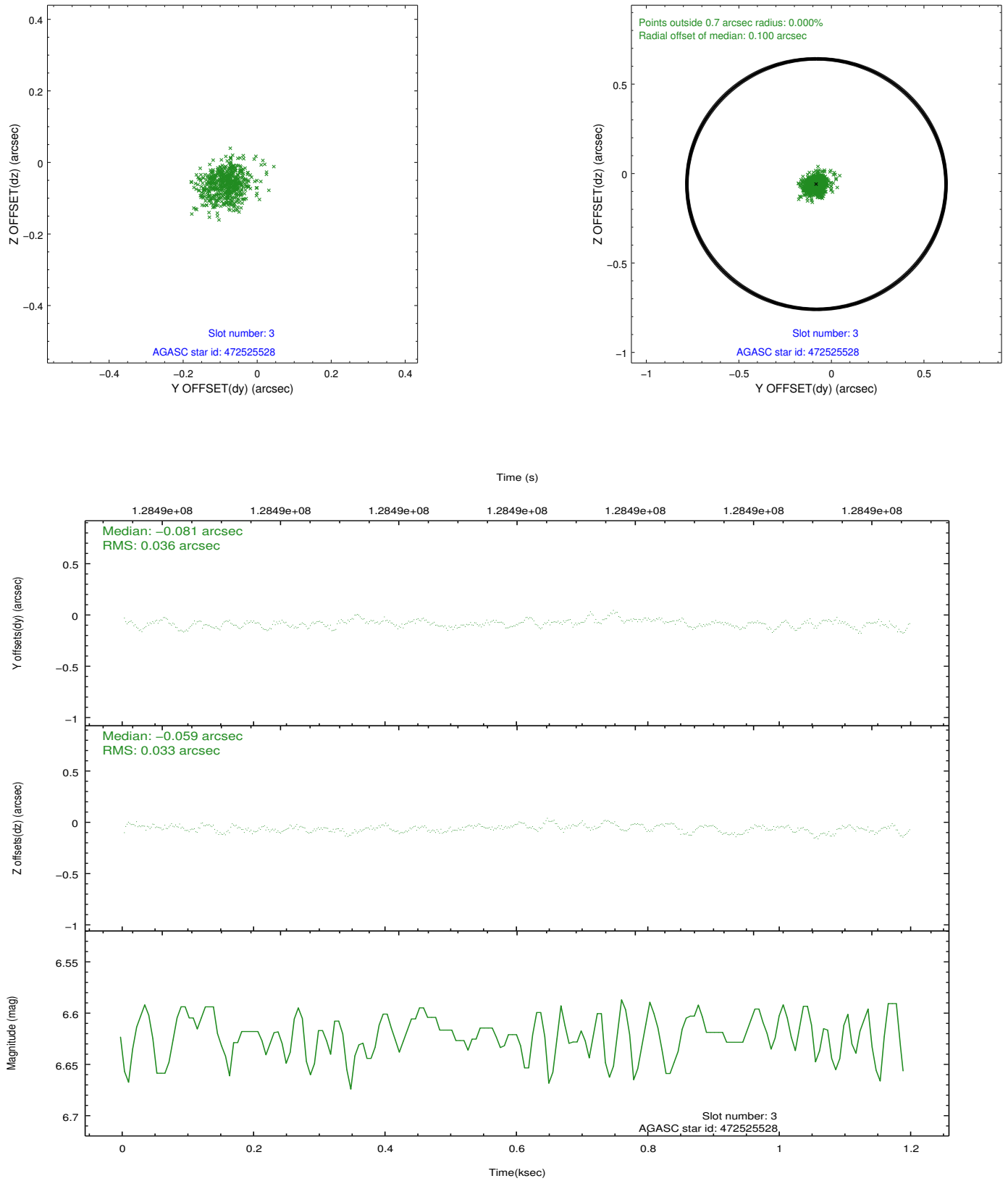


Slot Statistics

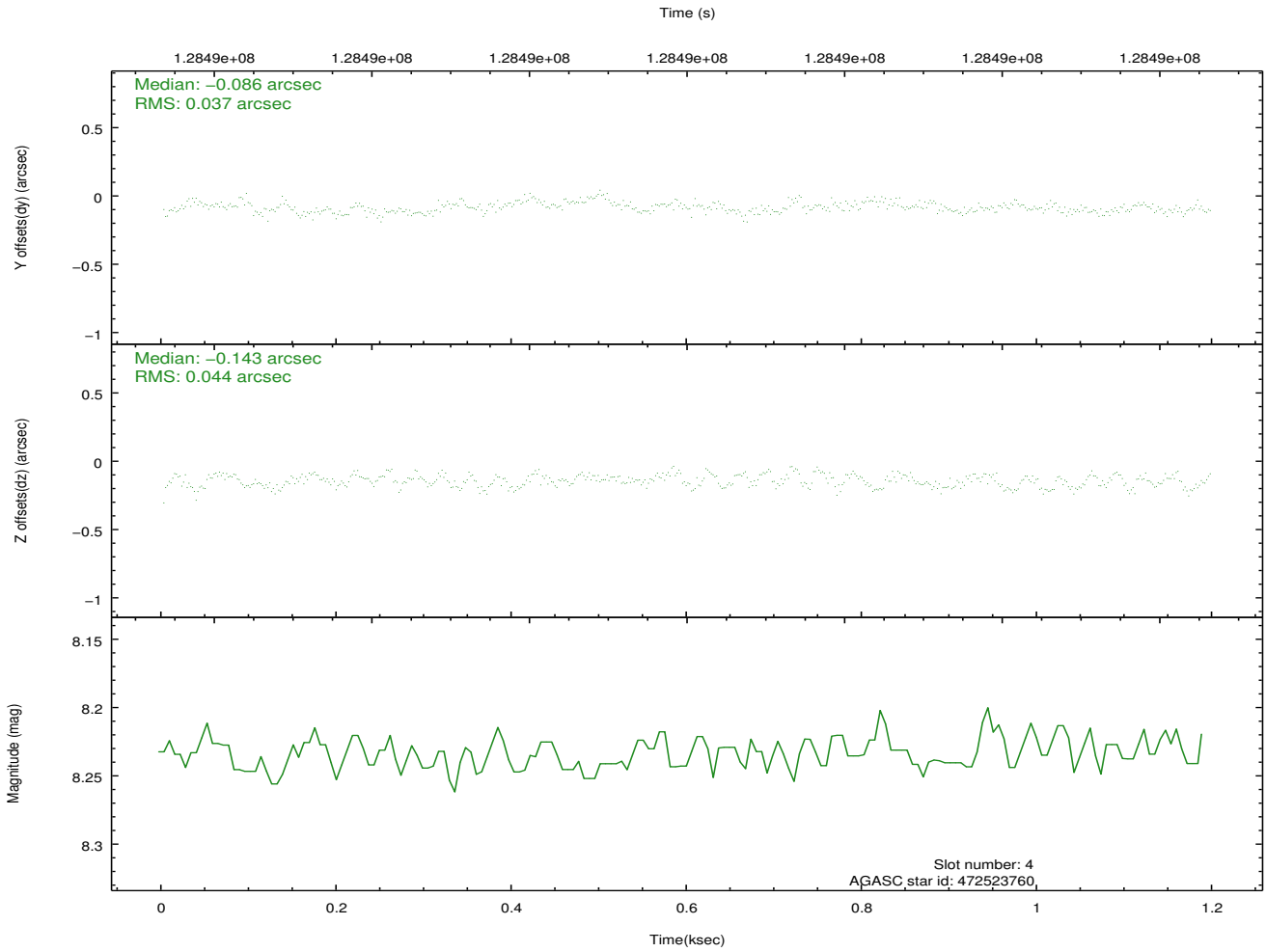
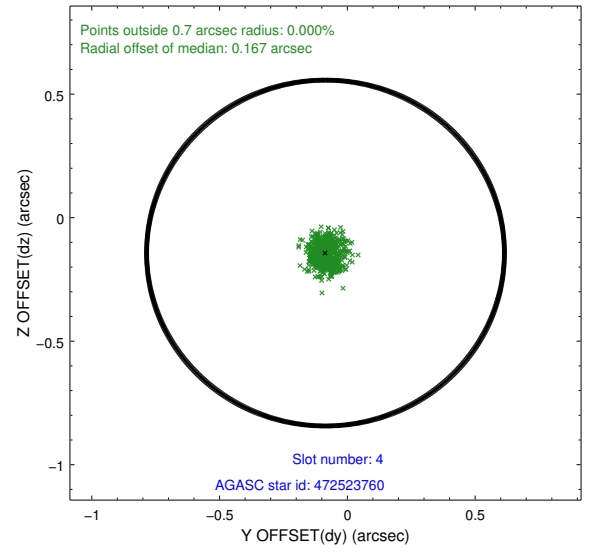
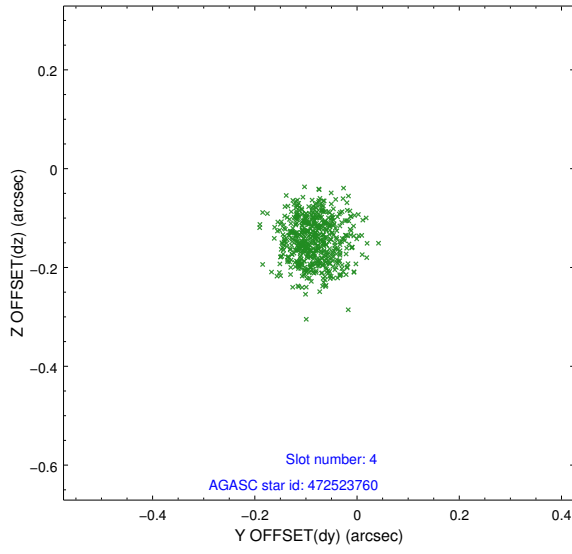
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.040	0.023	0.005	0.010	0.000000	0.000000	-759.00	-1294.71
1	FID	HRC-I-2	7.00	292	0.090	-0.022	0.006	0.012	0.000000	0.000000	851.09	-1300.79
2	FID	HRC-I-4	6.99	292	-0.014	-0.093	0.005	0.009	0.000000	0.000000	1286.70	1002.84
3	GUIDE	472525528	6.62	584	-0.081	-0.059	0.052	0.086	331.551102	45.248694	-1023.99	-2190.18
4	GUIDE	472523760	8.23	584	-0.086	-0.143	0.062	0.100	331.645363	45.403260	-1023.87	-1588.61
5	GUIDE	472659832	9.47	581	-0.050	0.084	0.101	0.148	332.780399	46.098139	595.29	1842.75
6	GUIDE	472655152	9.43	583	0.019	0.085	0.091	0.151	332.504239	45.862991	307.19	795.38
7	GUIDE	472646552	9.65	583	0.189	0.022	0.093	0.154	333.120915	45.571877	2148.56	463.38

2.4 Star Slots

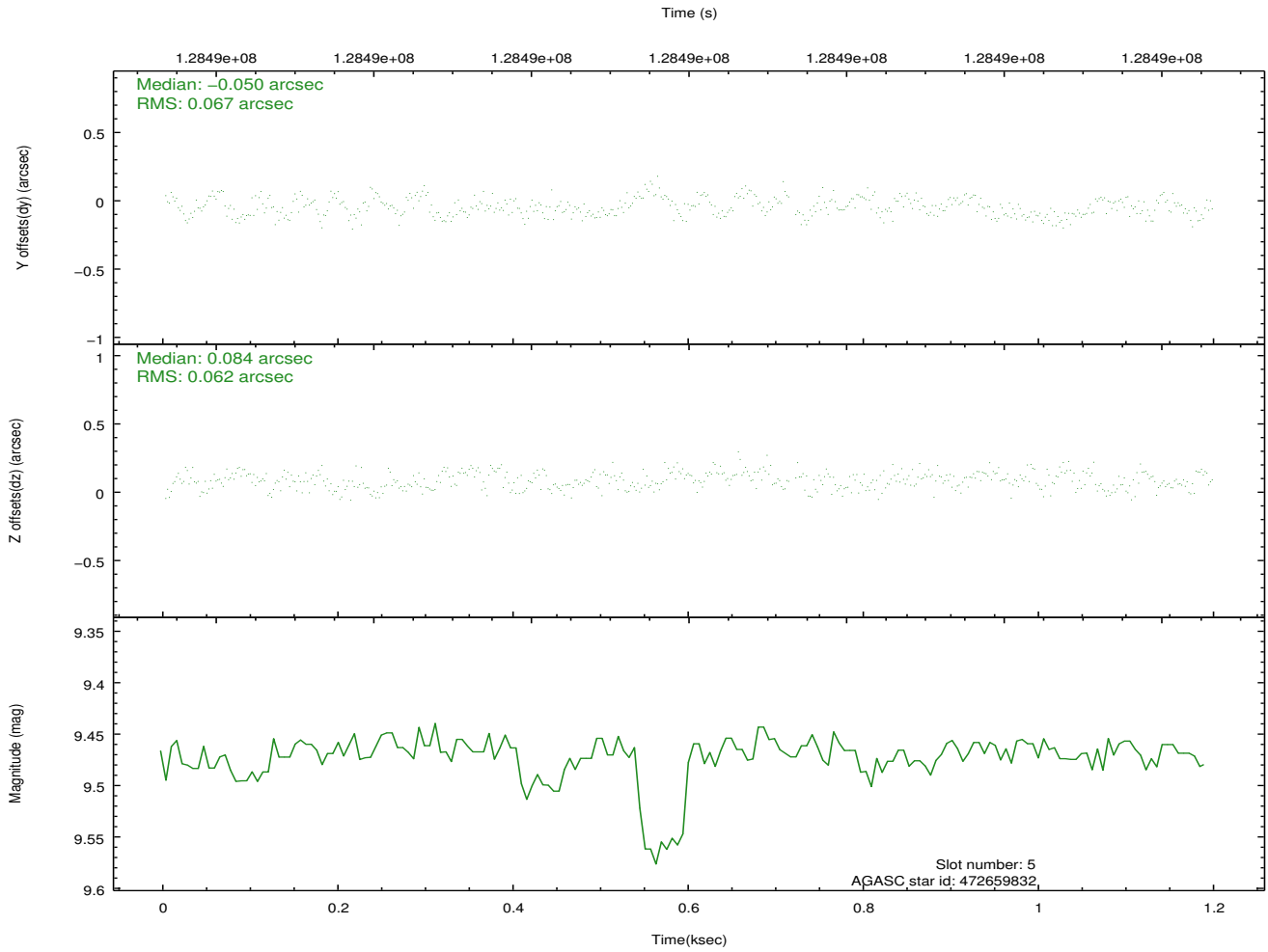
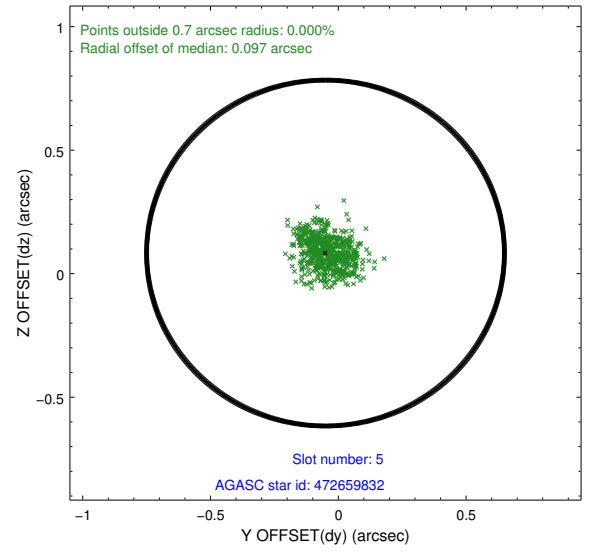
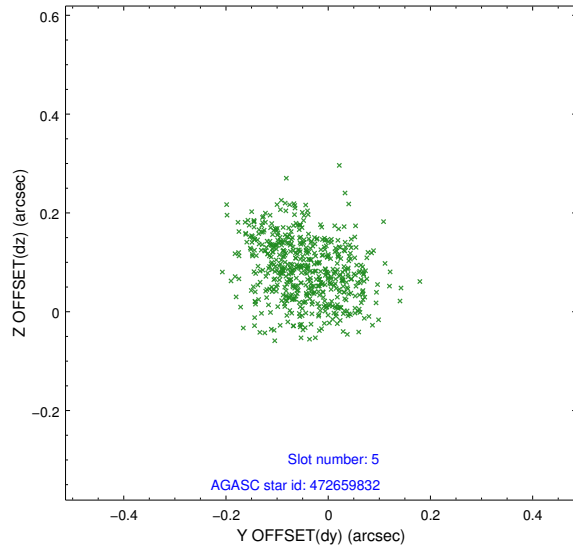
2.4.1 Slot 3



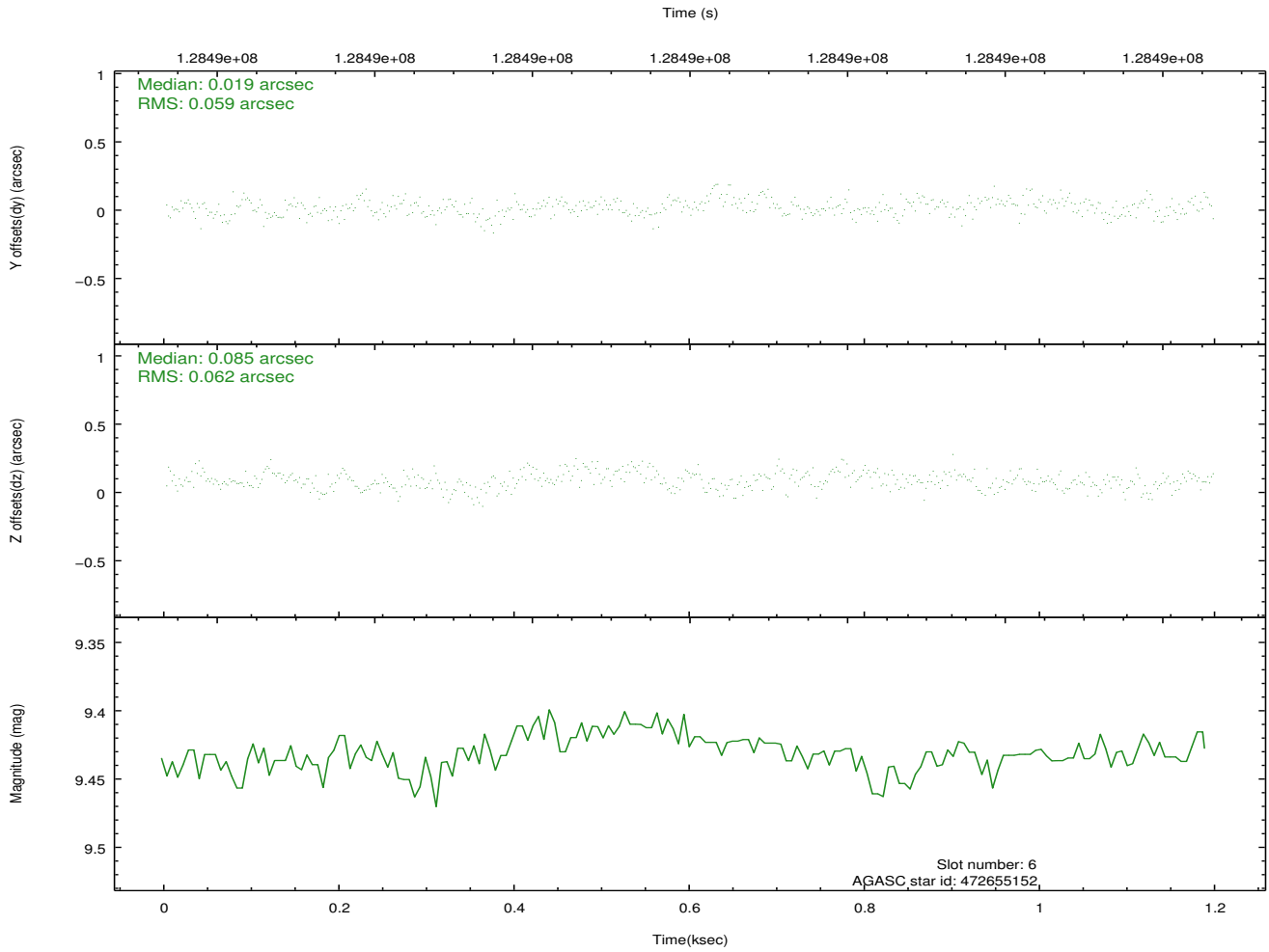
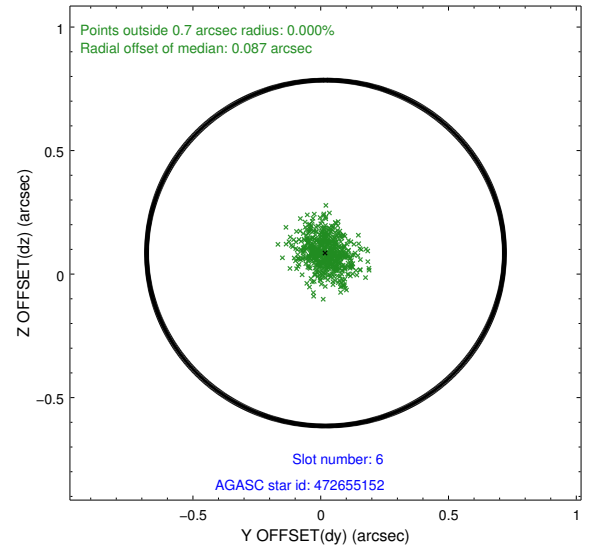
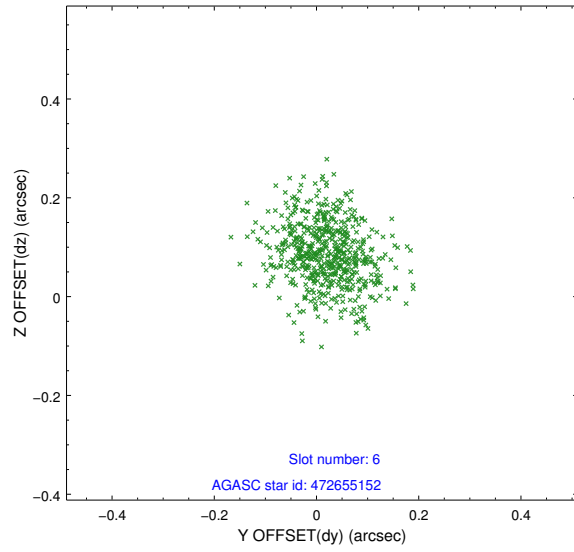
2.4.2 Slot 4



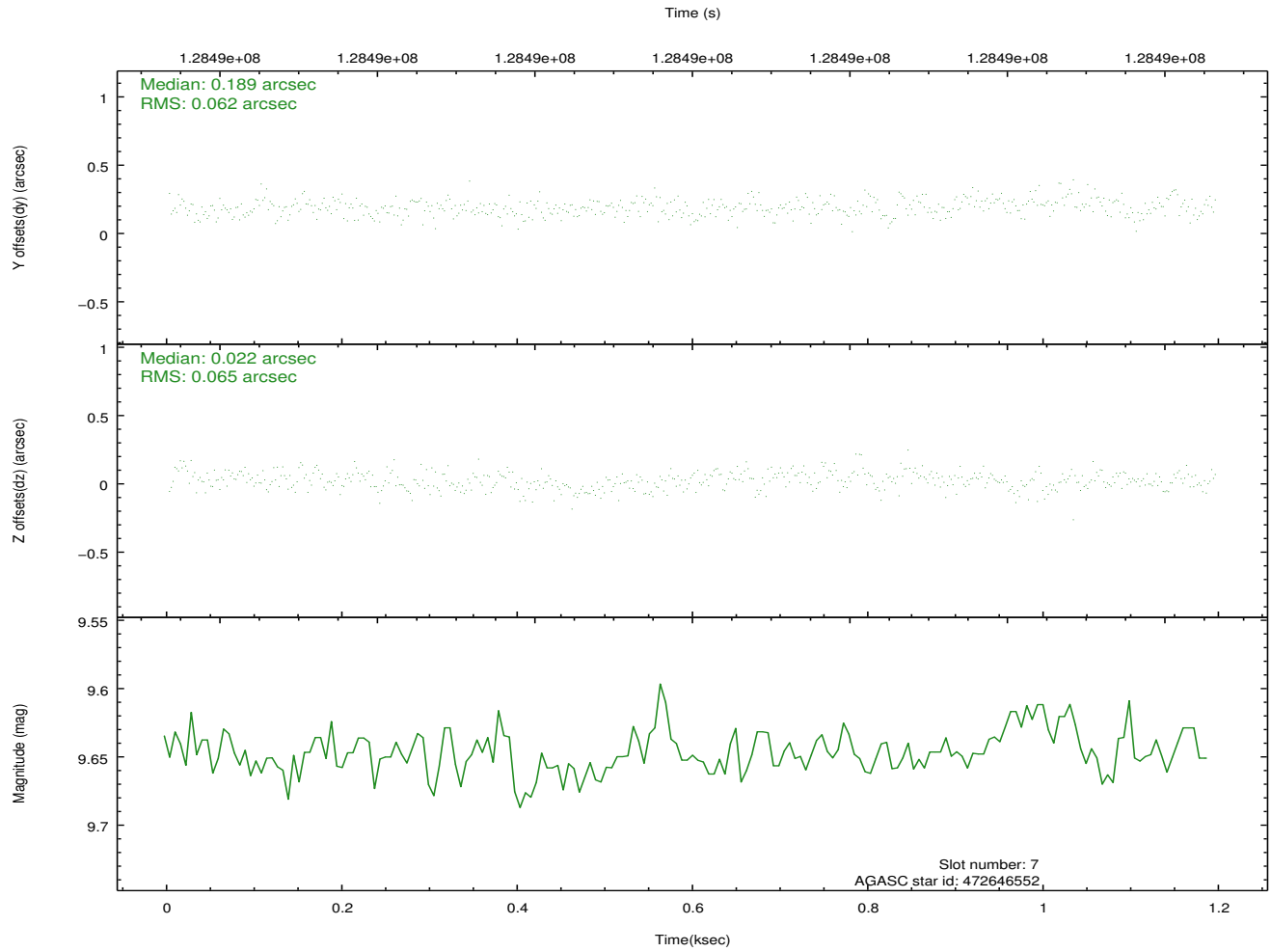
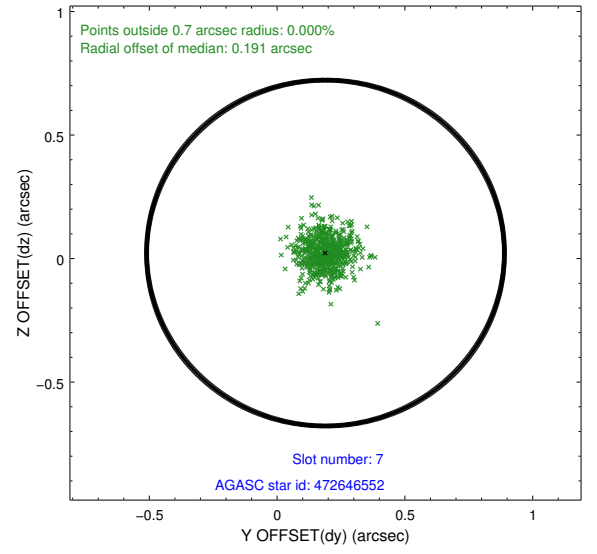
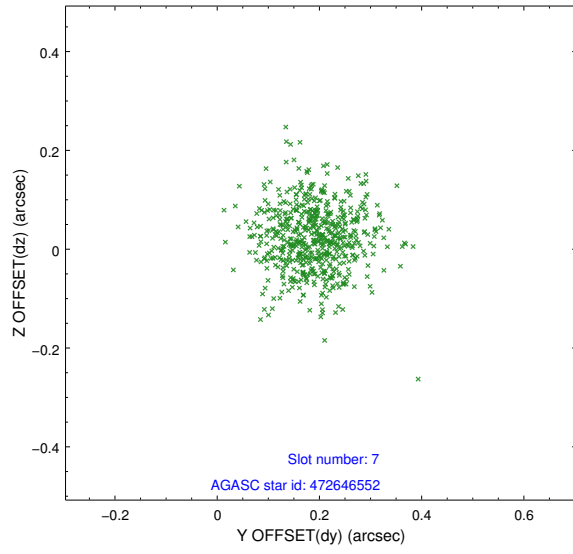
2.4.3 Slot 5



2.4.4 Slot 6

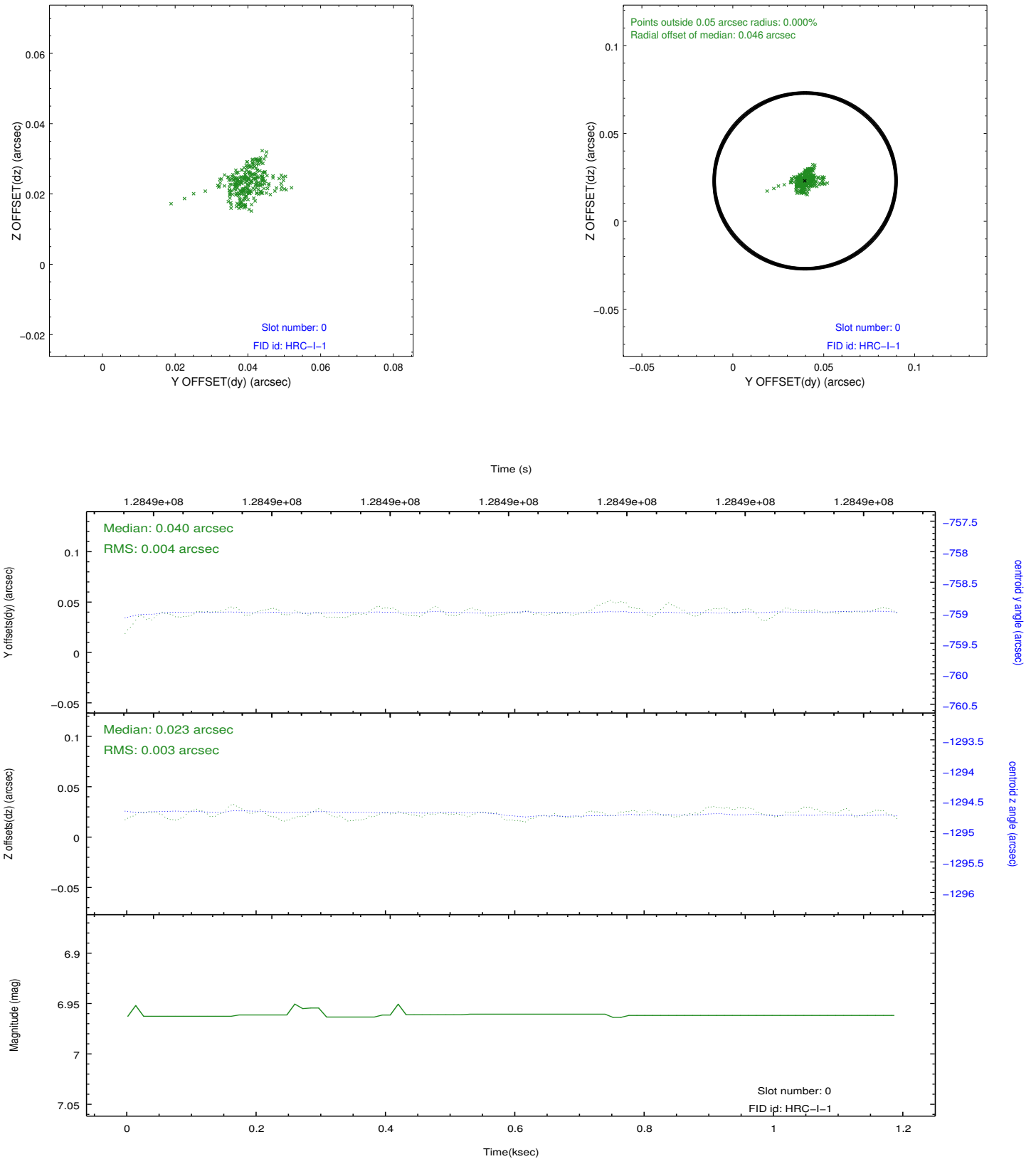


2.4.5 Slot 7

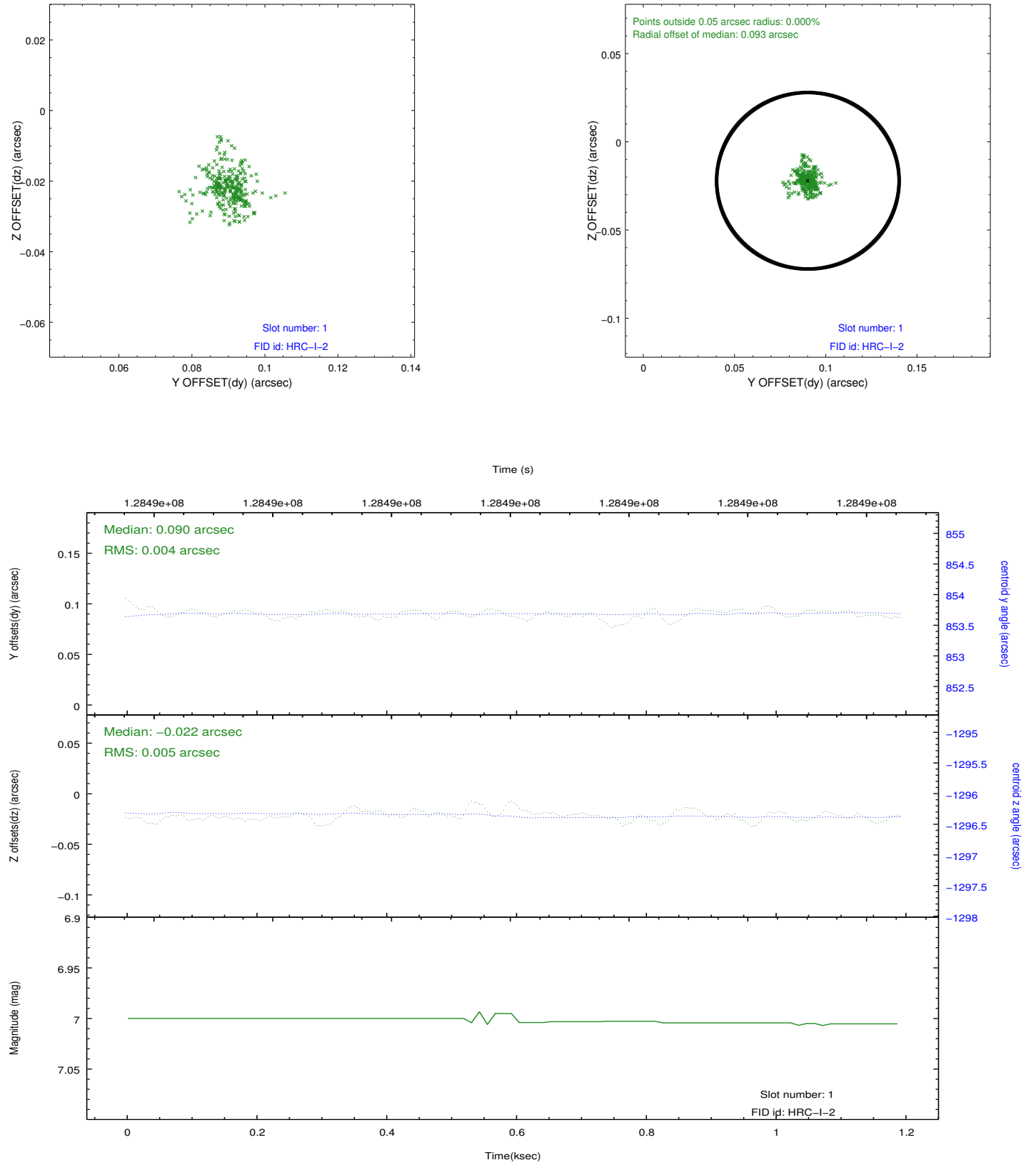


2.5 FID Slots

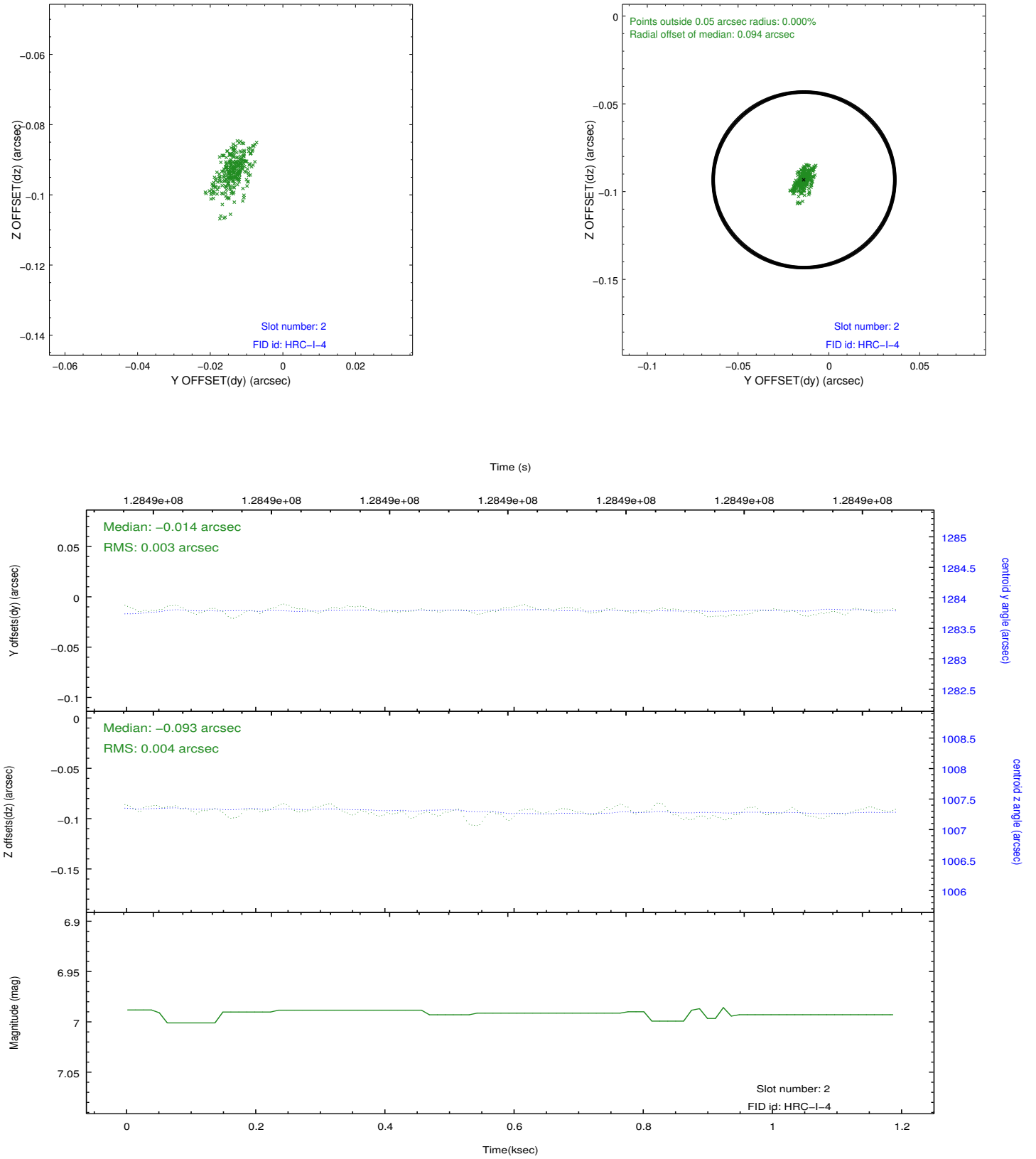
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments