

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6526 - L2 Version 4
Chandra X-Ray Center

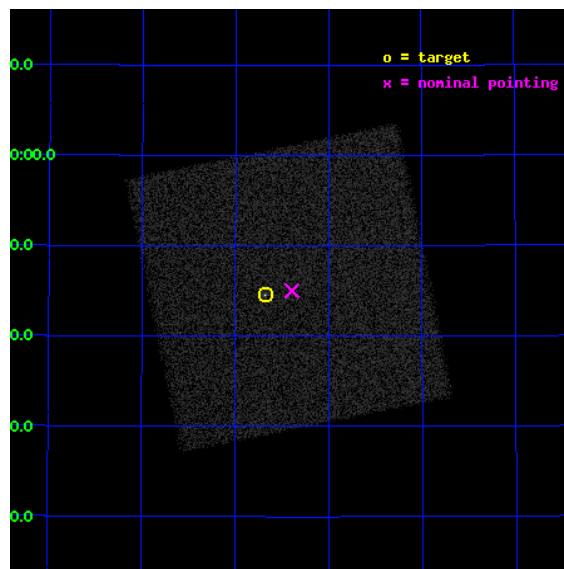
L2 Processing Date : Aug 11 2012

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1 Front

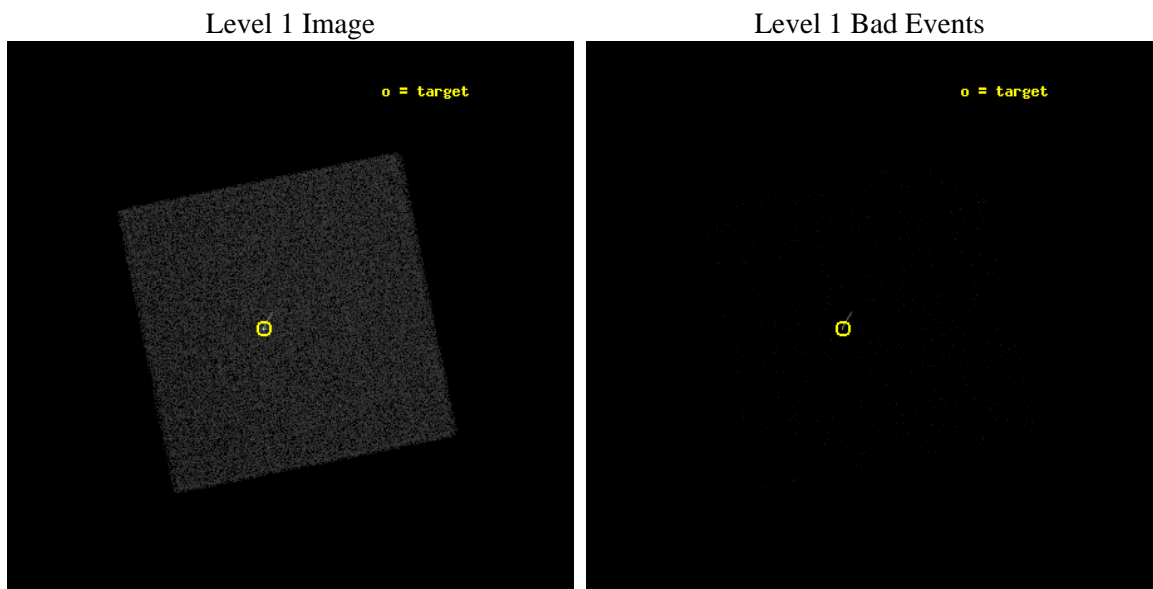
seq_num	290619	Sequence number
obs_id	6526	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09855661675	Nominal RA [deg]
dec_nom	45.750407559988	Nominal Dec [deg]
roll_nom	213.50886502708	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813056231	[s]
livetime	1171.1611097151	Ontime multiplied by DTCOR
l2events	63622	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	1182.0813056231	[s]
caldbver	4.5.1.1	 	l1events	117567	Number of level 1 events
date	2012-08-11T12:31:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

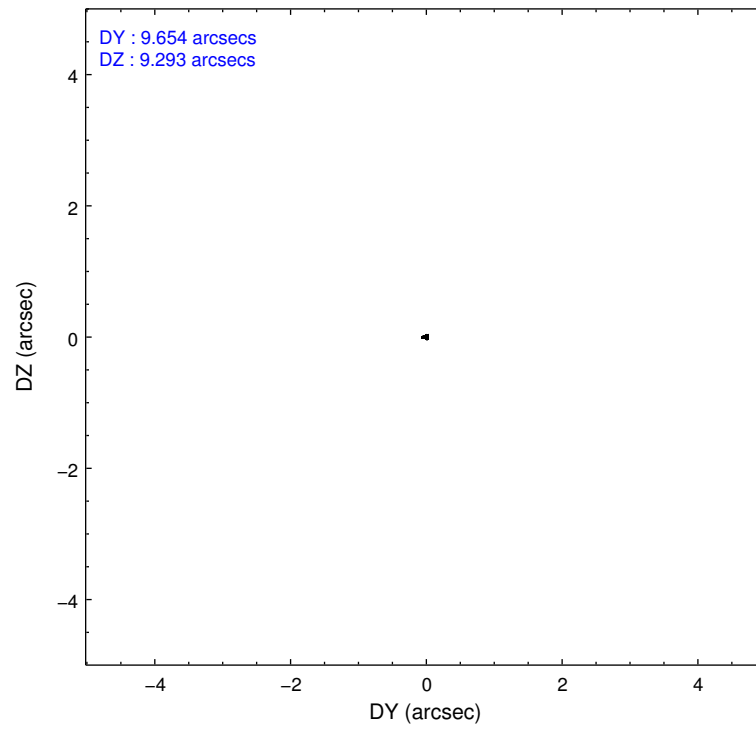
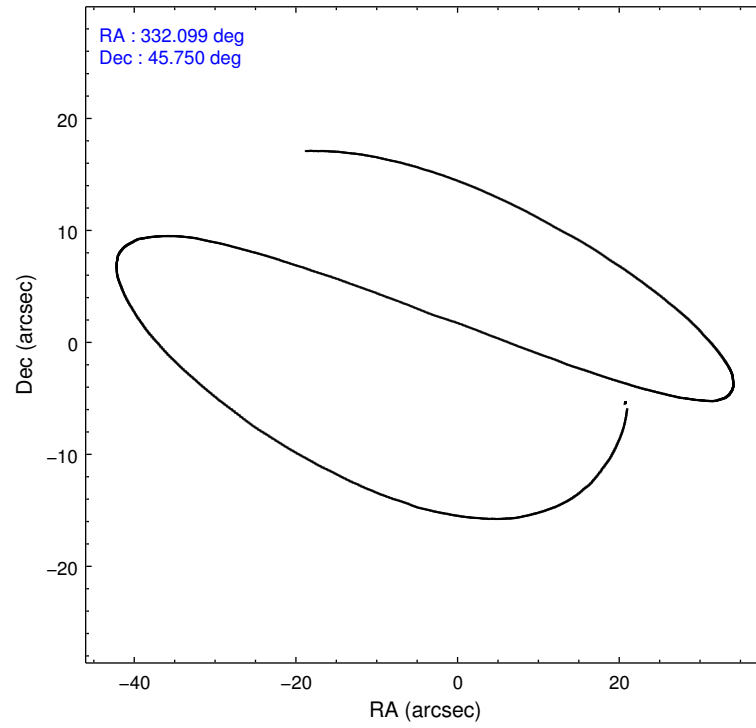
	segment 0
level 1 events	117567
rejected events	25206
rejected %	21%

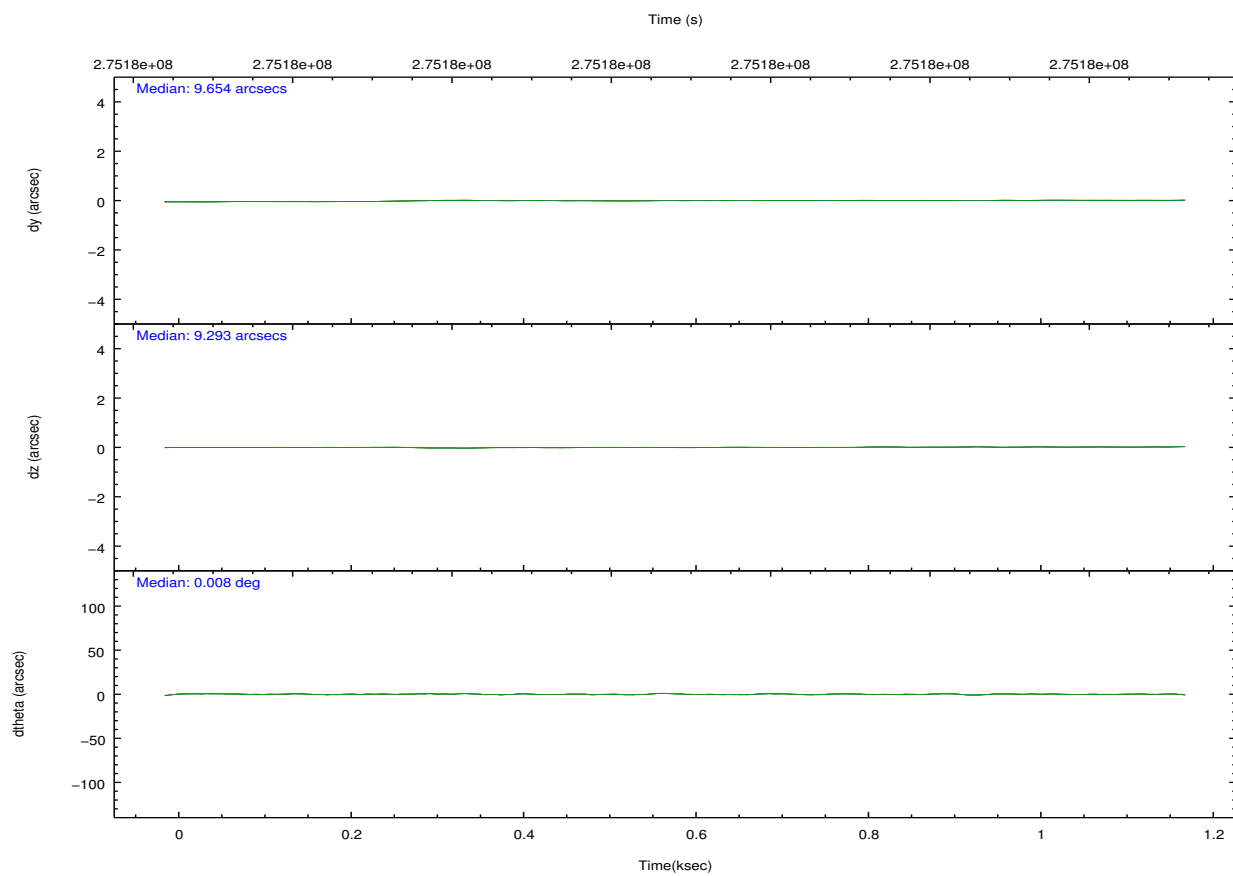
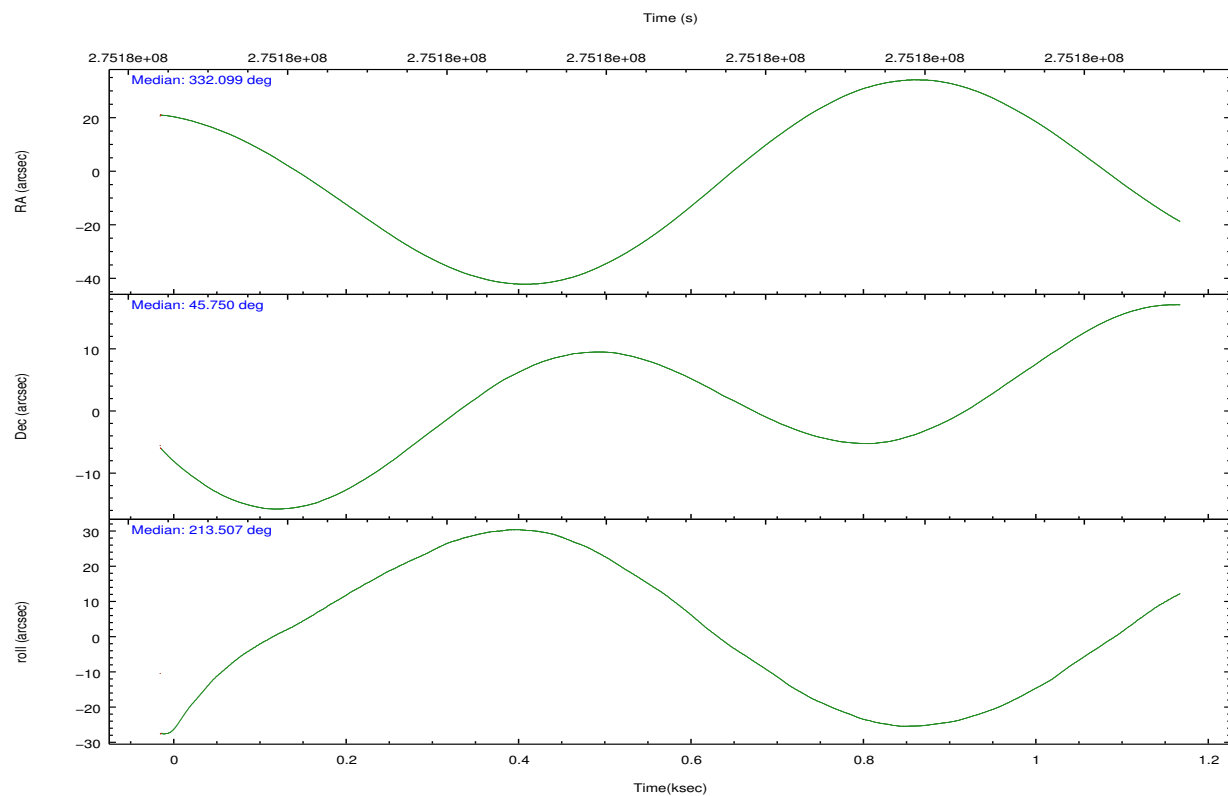
2.2 Compared Parameters

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	332.114442	332.0985566167529
[deg] Pointing Dec	45.775392	45.75040755998769
[deg] Pointing Roll	213.593151	213.5088650270754
[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)	275180872.184000	275180496.20134
Observation start date	2006-09-20T23:06:47	2006-09-20T23:01:36
[s] Observation end time (MET)	275181872.184000	275182006.02641
Observation end date	2006-09-20T23:23:27	2006-09-20T23:26:46

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

2.3 Aspect



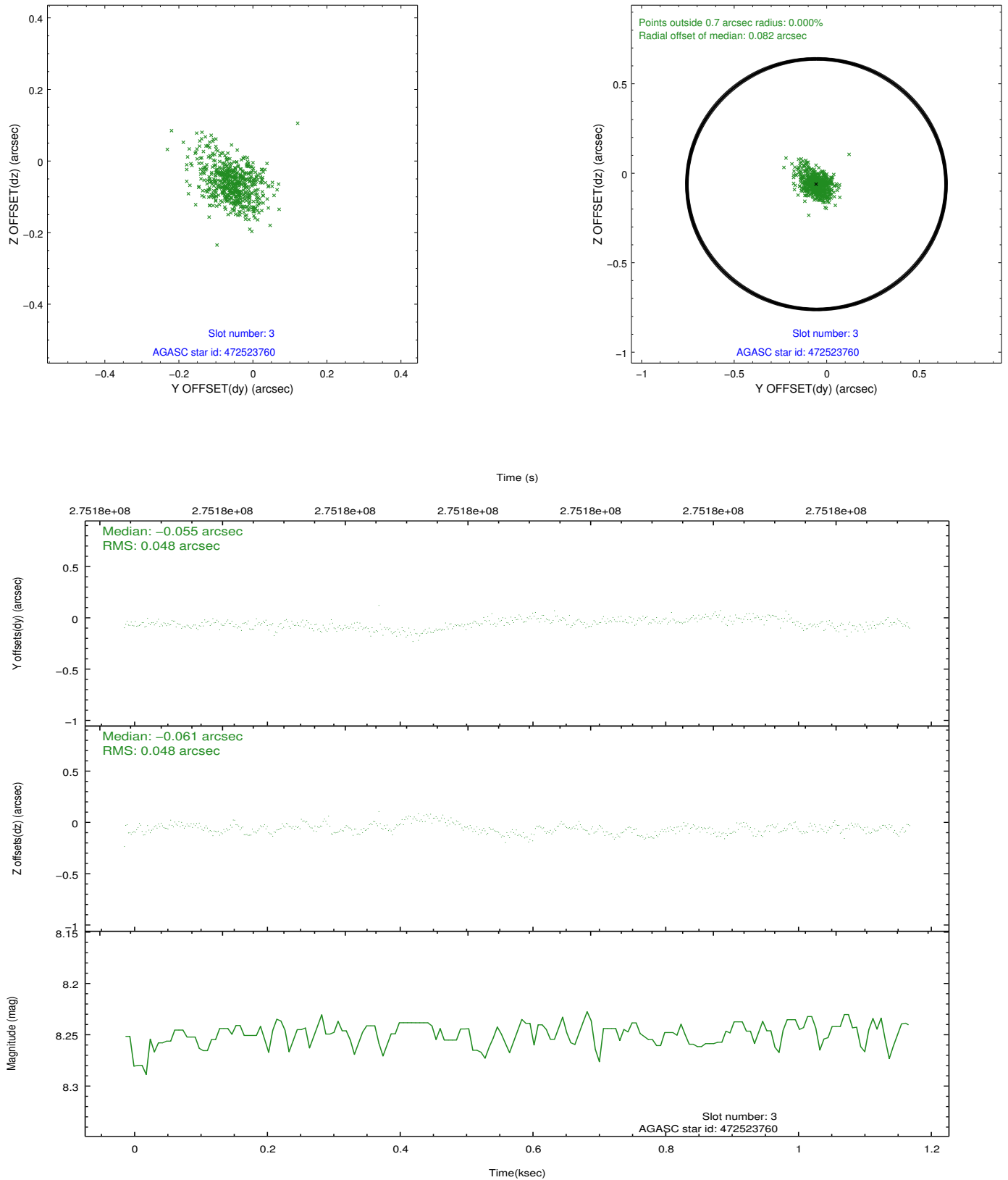


Slot Statistics

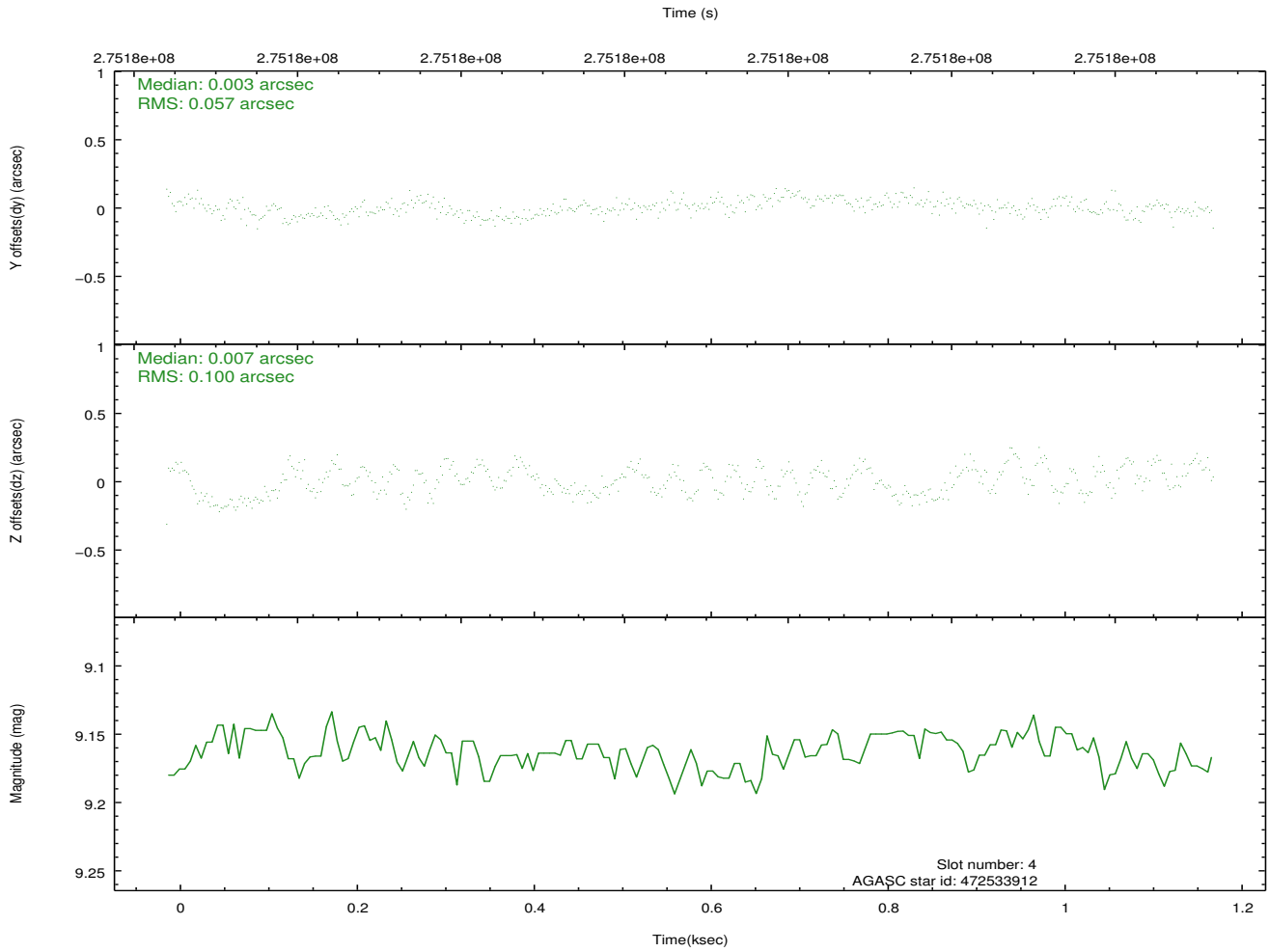
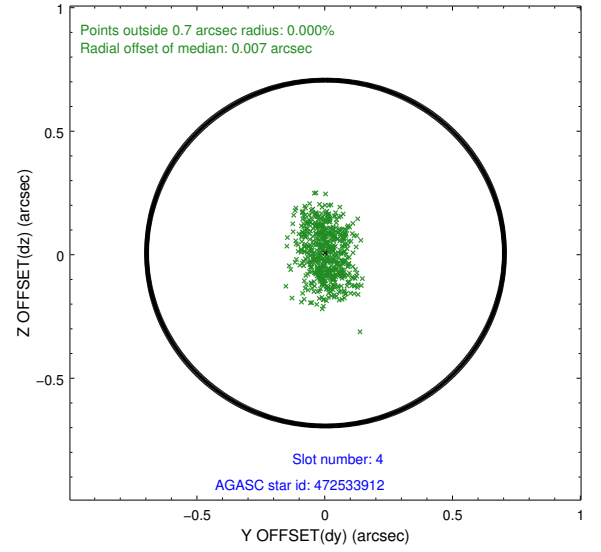
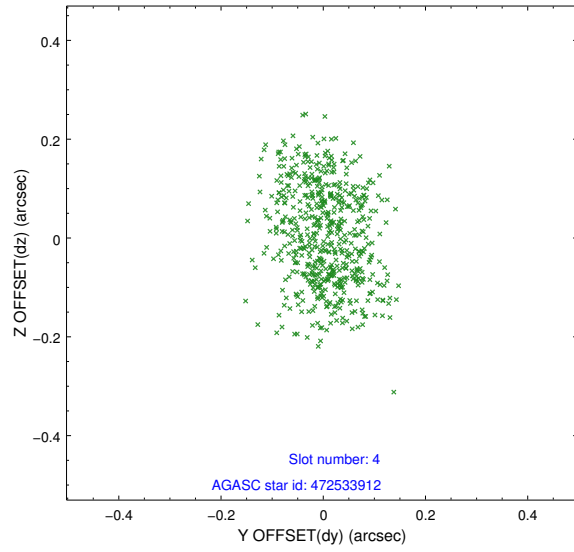
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	289	0.068	-0.056	0.006	0.010	0.000000	0.000000	847.41	-1298.82
1	FID	HRC-I-3	7.06	289	-0.057	0.002	0.005	0.009	0.000000	0.000000	-1190.92	1002.85
2	FID	HRC-I-4	6.99	289	0.108	-0.033	0.005	0.008	0.000000	0.000000	1273.47	1008.41
3	GUIDE	472523760	8.25	578	-0.055	-0.061	0.069	0.125	331.645363	45.403260	1727.72	454.99
4	GUIDE	472533912	9.16	578	0.003	0.007	0.123	0.194	331.791136	46.368695	-509.89	-2226.14
5	GUIDE	472655152	9.42	578	-0.052	-0.096	0.130	0.225	332.504239	45.862991	-989.97	270.08
6	GUIDE	472665256	9.02	578	0.088	0.096	0.077	0.123	332.808125	46.195041	-2280.80	-309.79
7	GUIDE	420754040	9.08	576	0.007	0.078	0.083	0.145	331.917939	44.882543	2191.67	2397.44

2.4 Star Slots

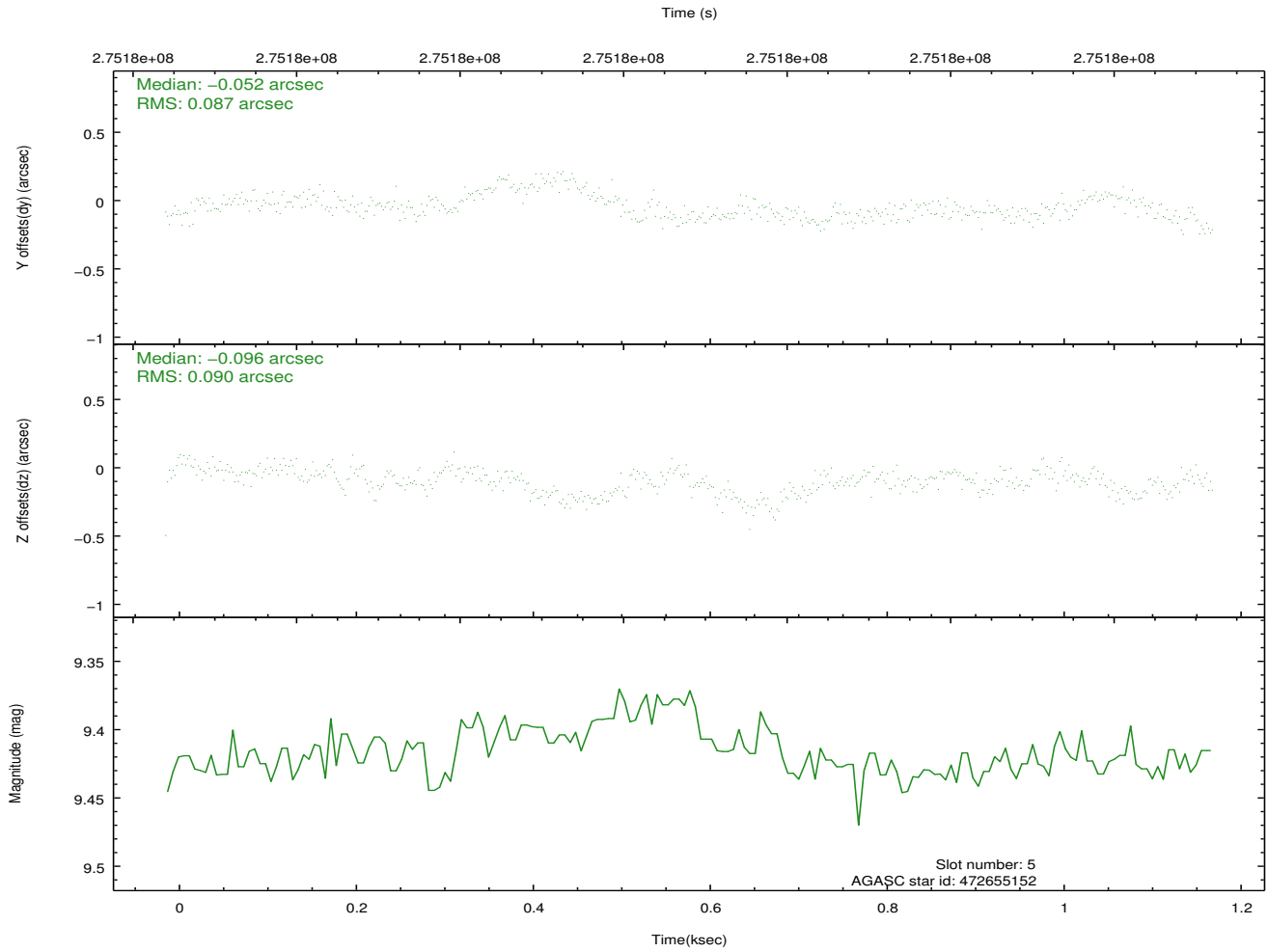
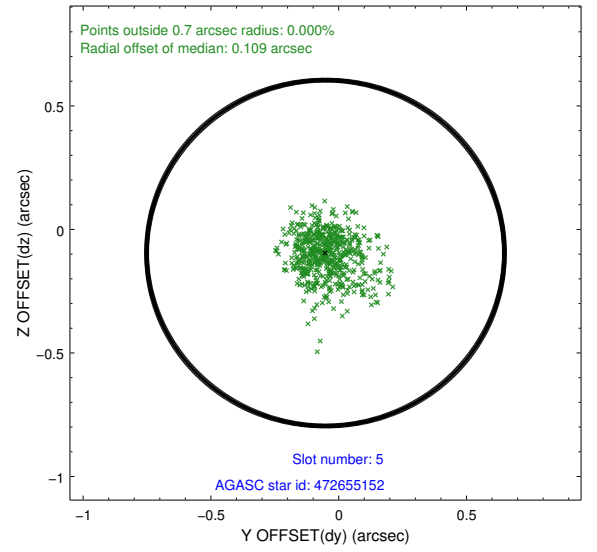
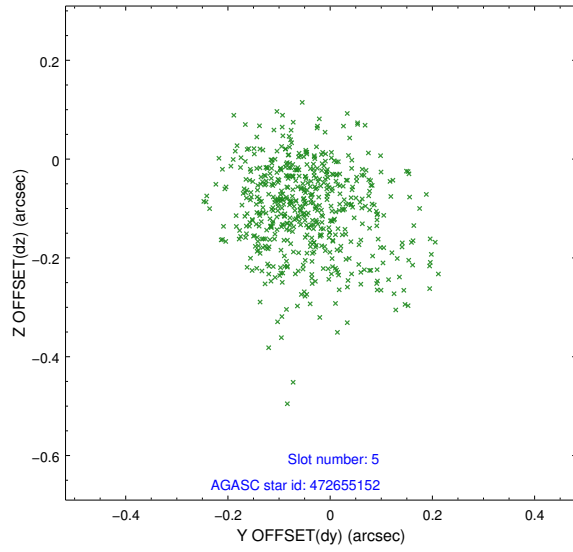
2.4.1 Slot 3



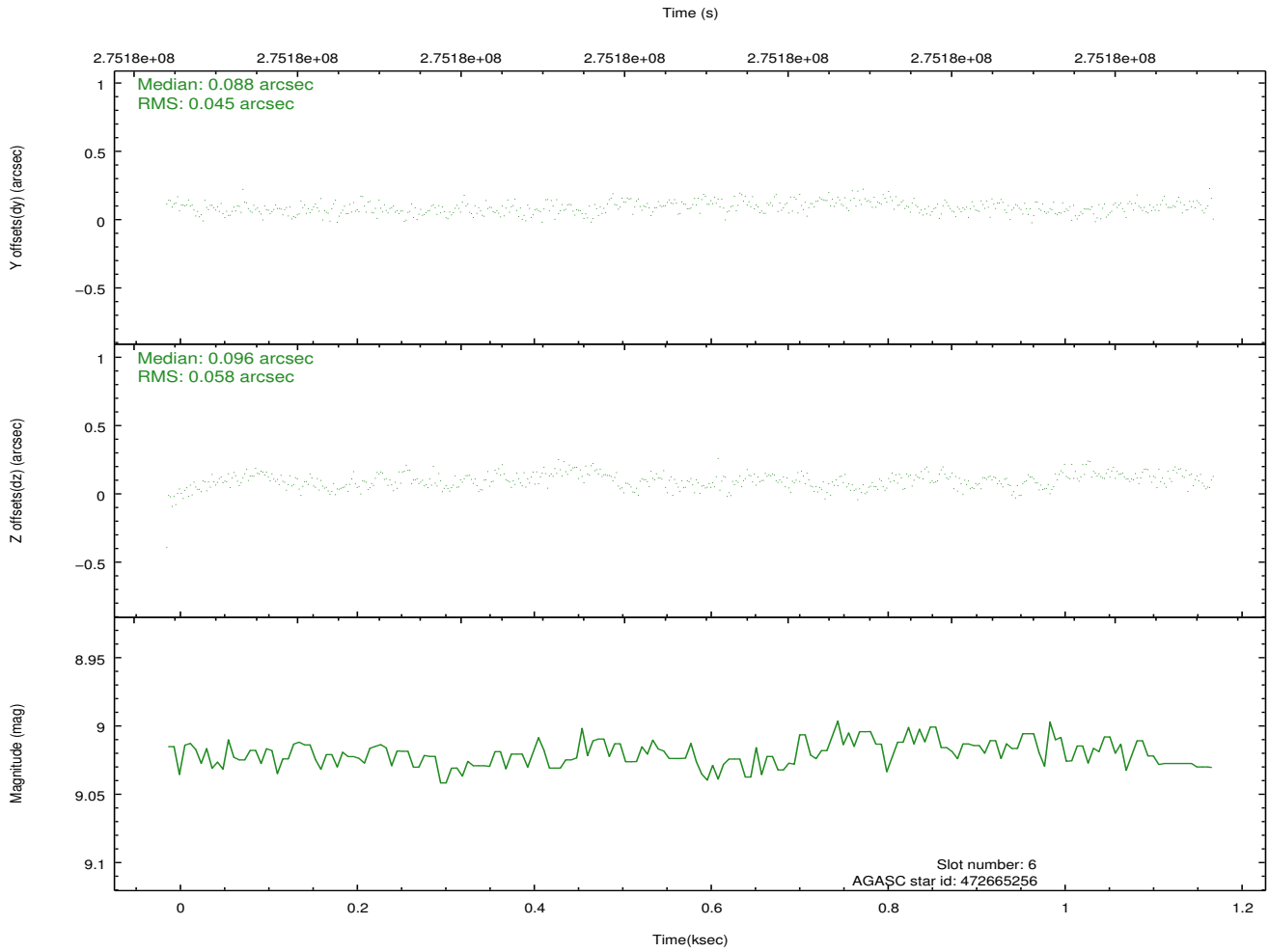
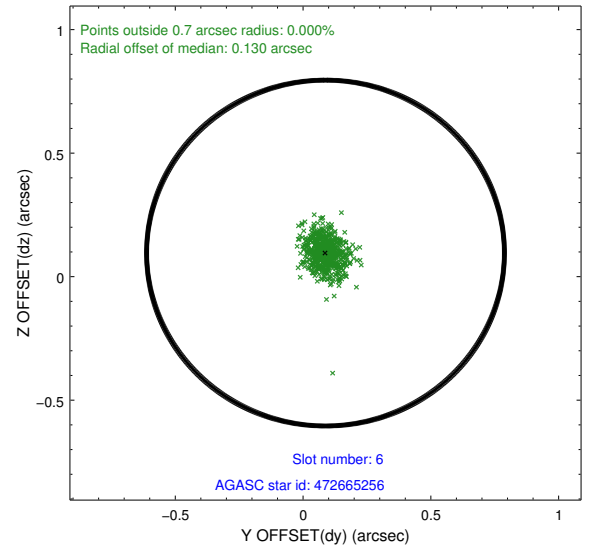
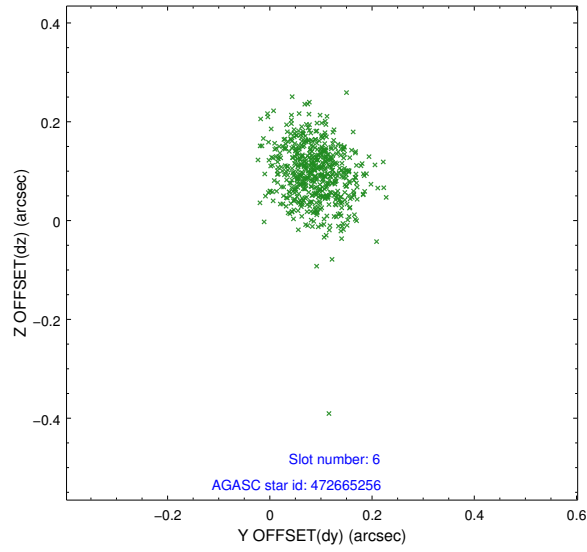
2.4.2 Slot 4



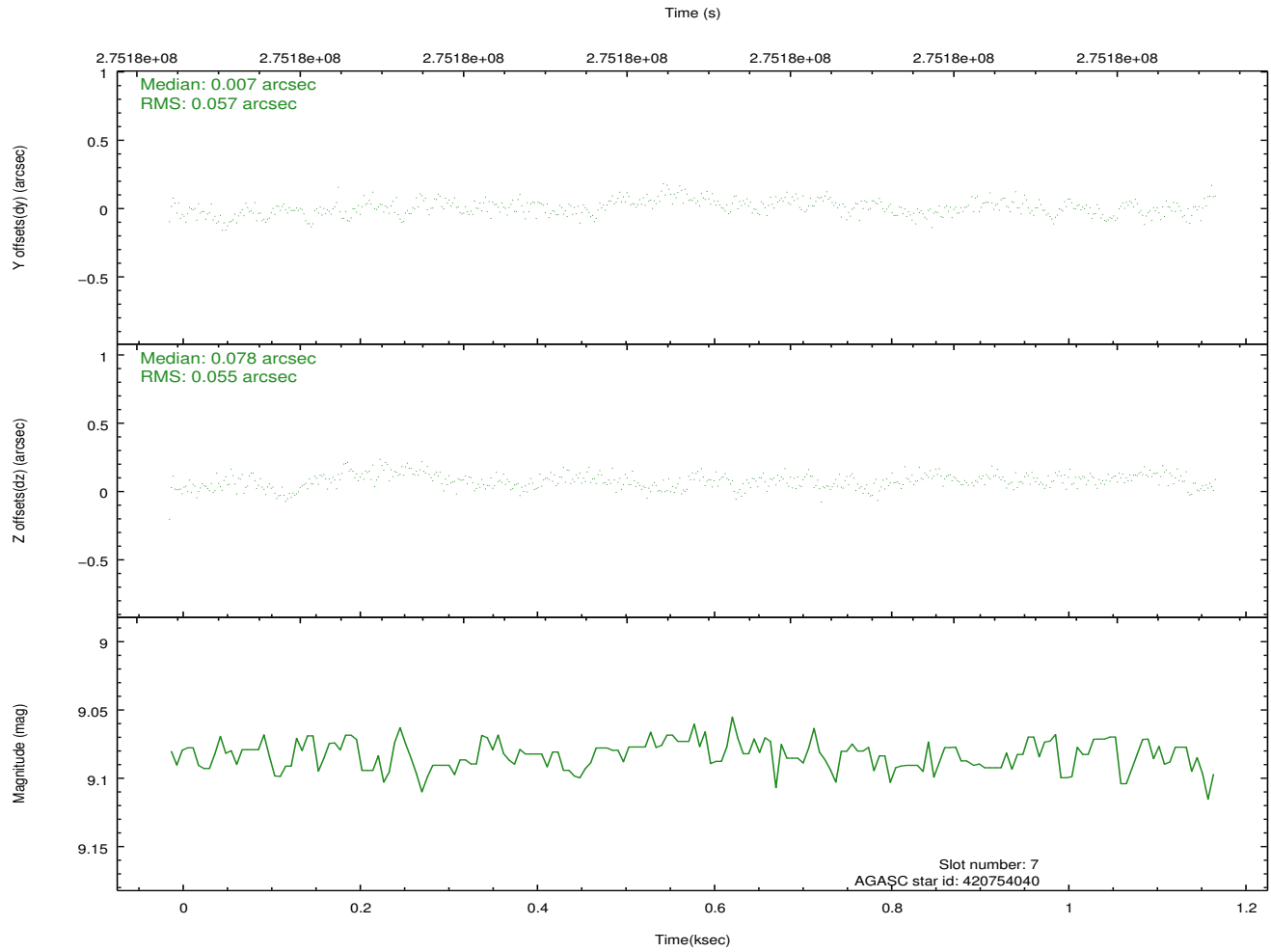
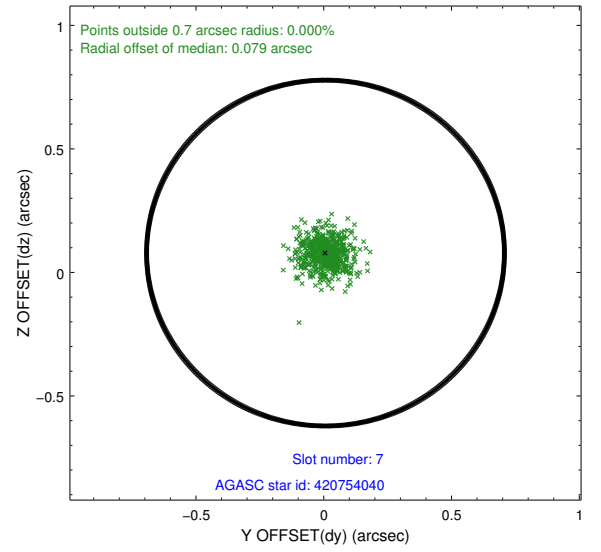
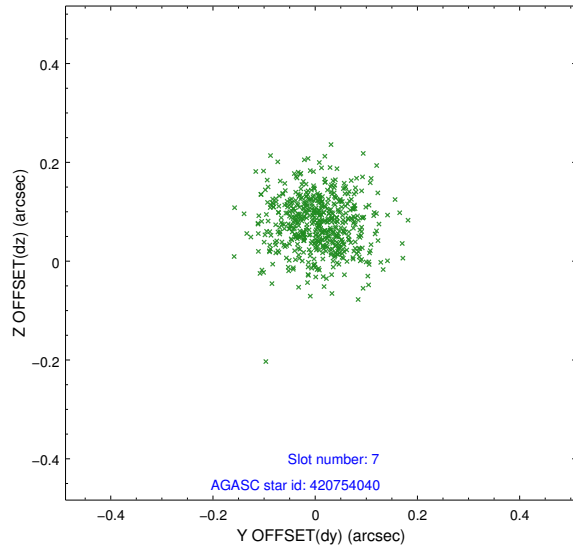
2.4.3 Slot 5



2.4.4 Slot 6

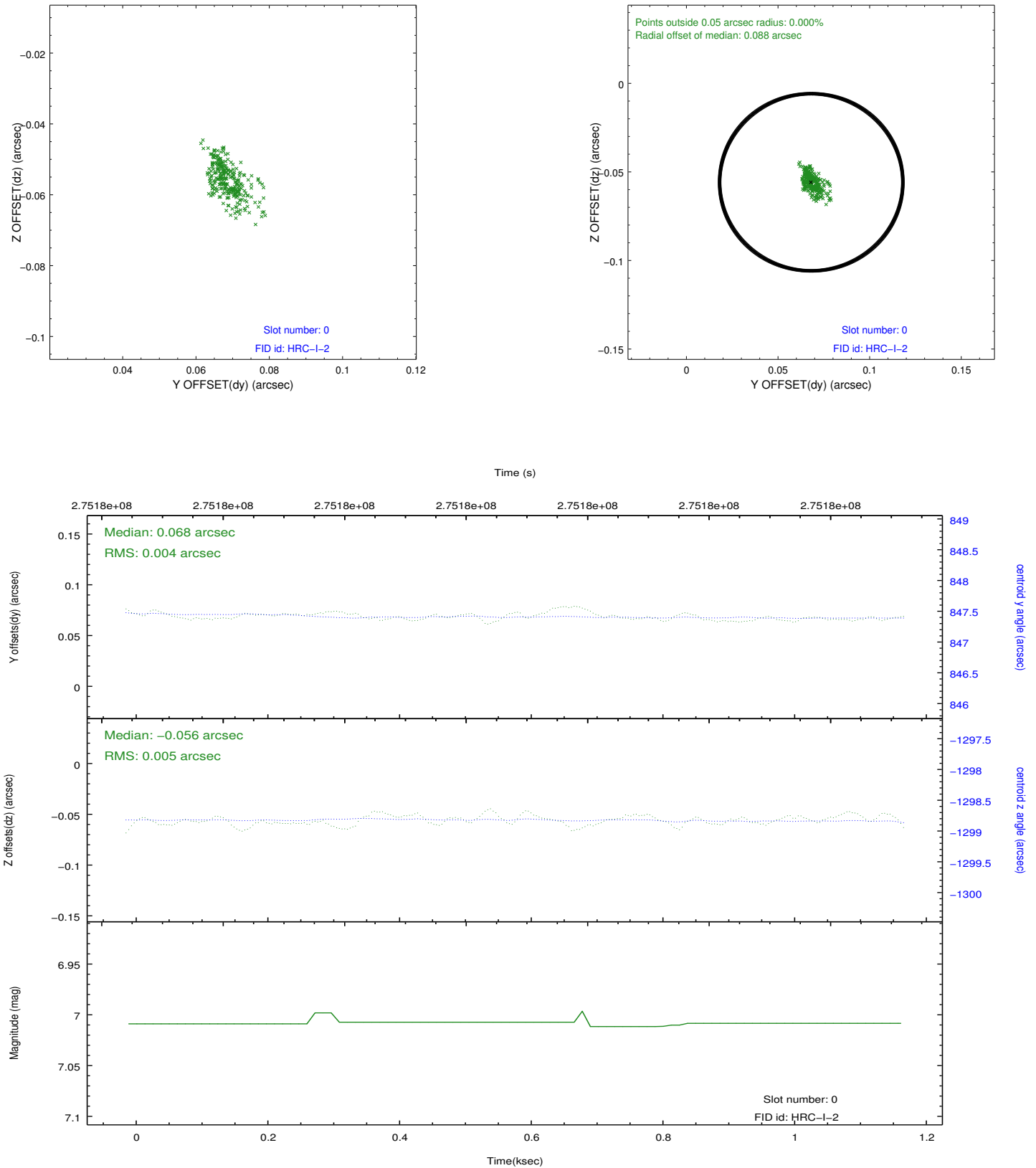


2.4.5 Slot 7

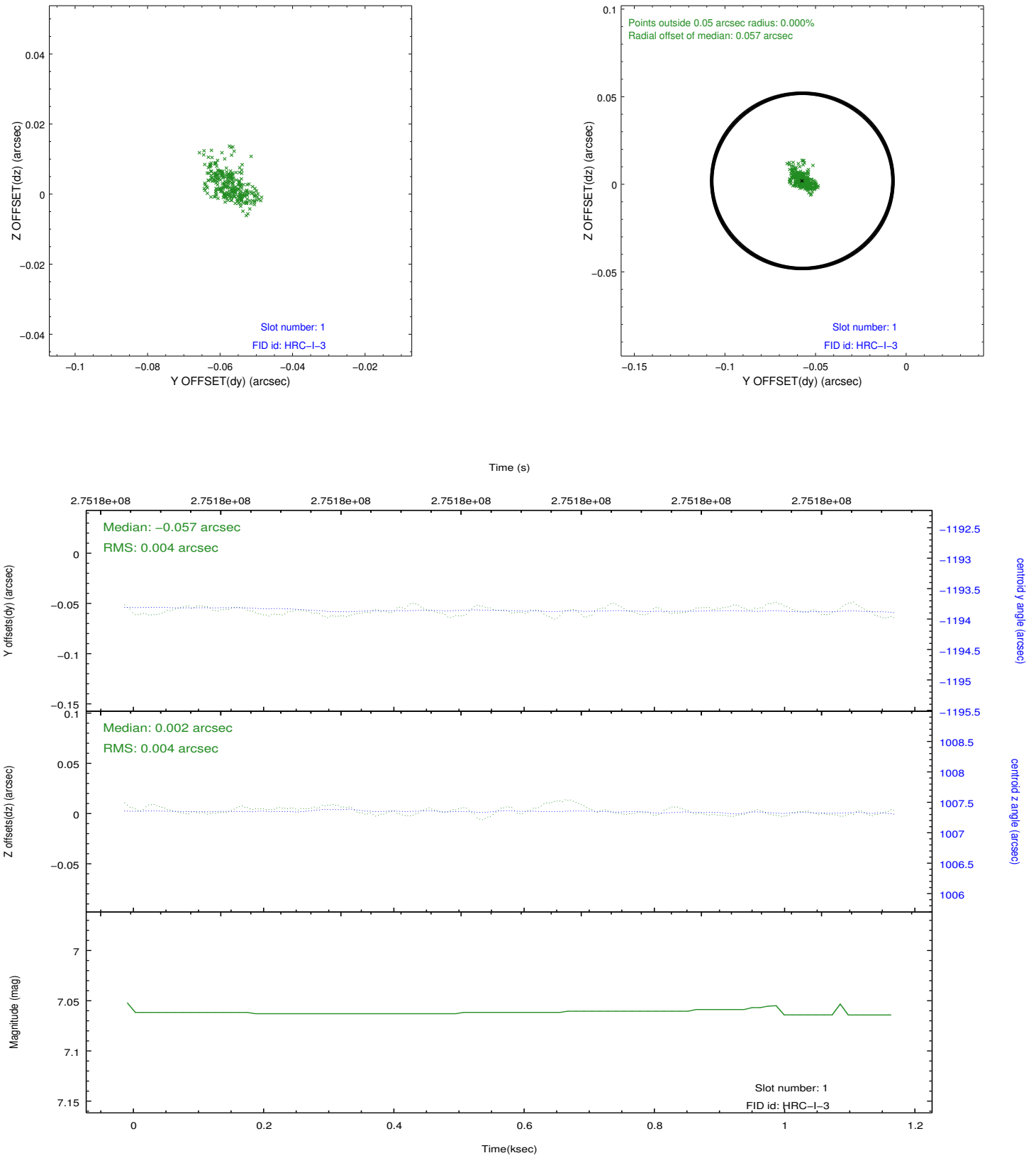


2.5 FID Slots

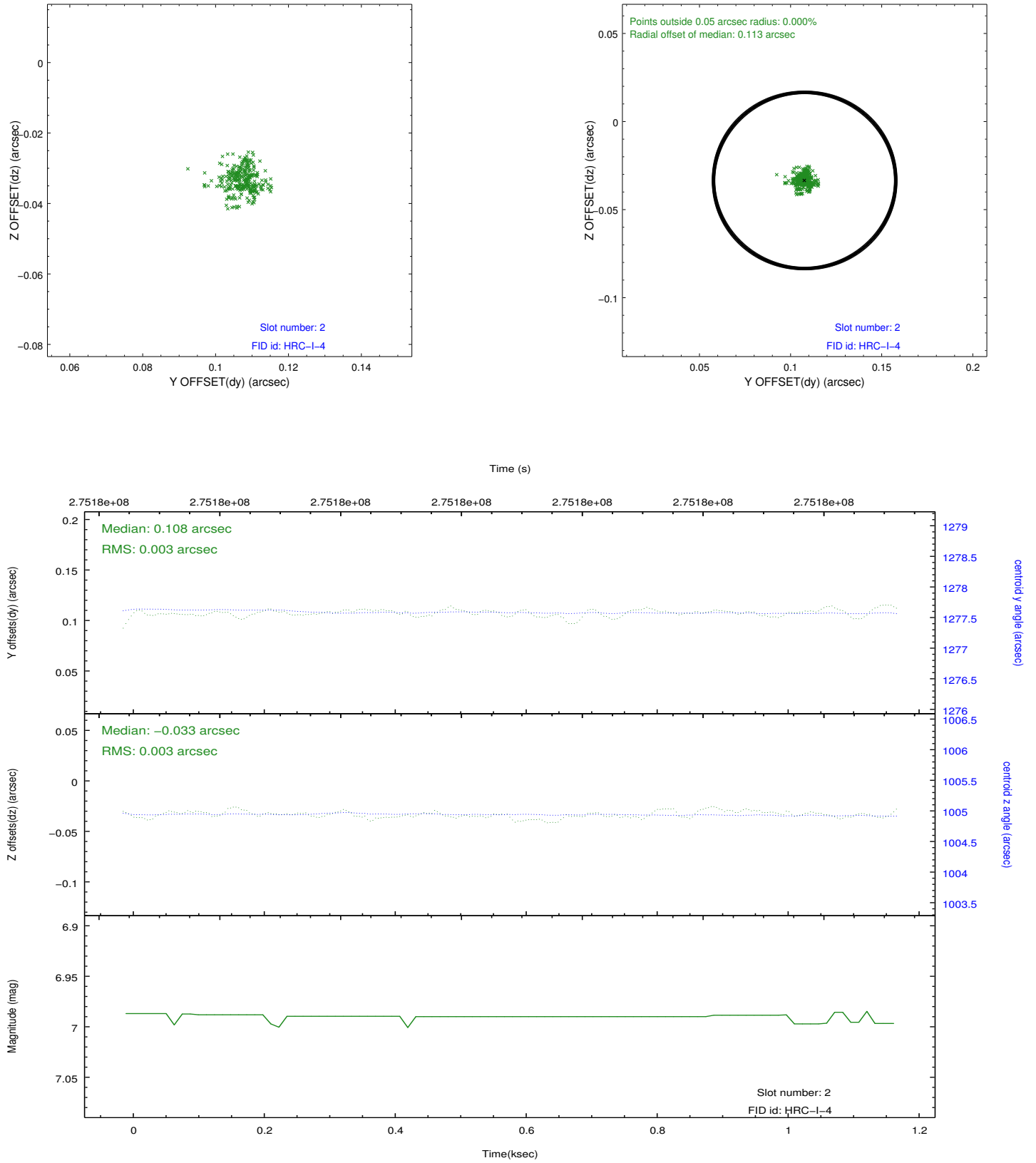
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813

A.2 Comments