

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3483 - L2 Version 4
Chandra X-Ray Center

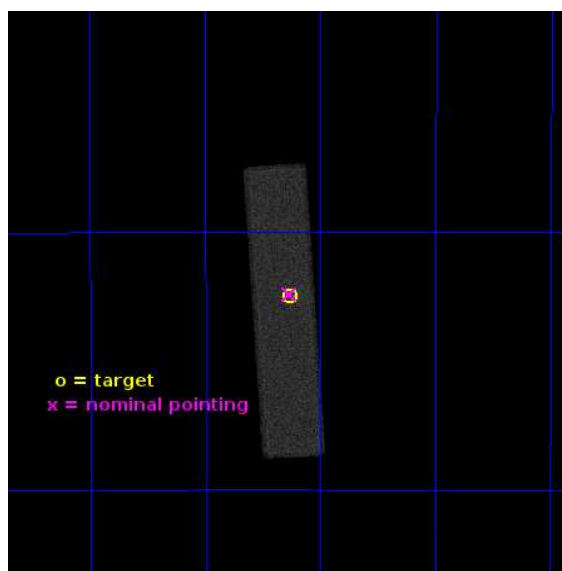
L2 Processing Date : Jun 28 2013

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1 Front

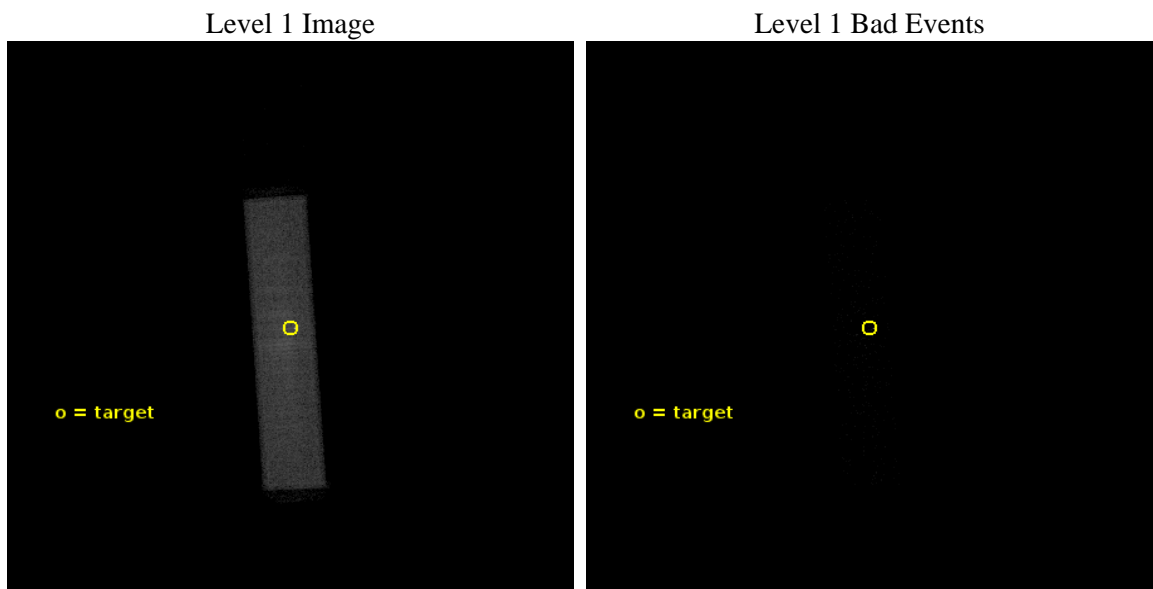
seq_num	400249	Sequence number
obs_id	3483	Observation id
title	OBSERVATIONS OF THE NEWLY DISCOVERED MILLISECOND ACCRETING PULSAR XTE J1751-305	Proposal title
observer	DR CRAIG MARKWARDT	Principal investigator
object	XTE J1751-305	Source name
ra_targ	267.816667	Observer's specified target RA [deg]
dec_targ	-30.625	Observer's specified target Dec [deg]
ra_nom	267.81736788506	Nominal RA [deg]
dec_nom	-30.62045750584	Nominal Dec [deg]
roll_nom	86.19492438905	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2975.8313709497	[s]
livetime	2965.5849616086	Ontime multiplied by DTCOR
l2events	103406	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	2975.8313709497	[s]
caldsver	4.5.7	 	l1events	152637	Number of level 1 events
date	2013-06-29T00:27:28	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

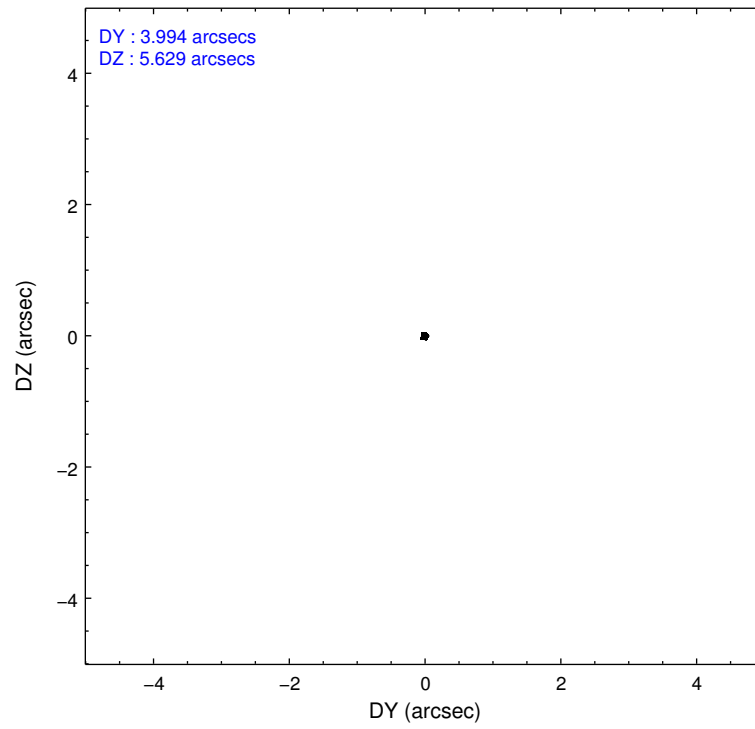
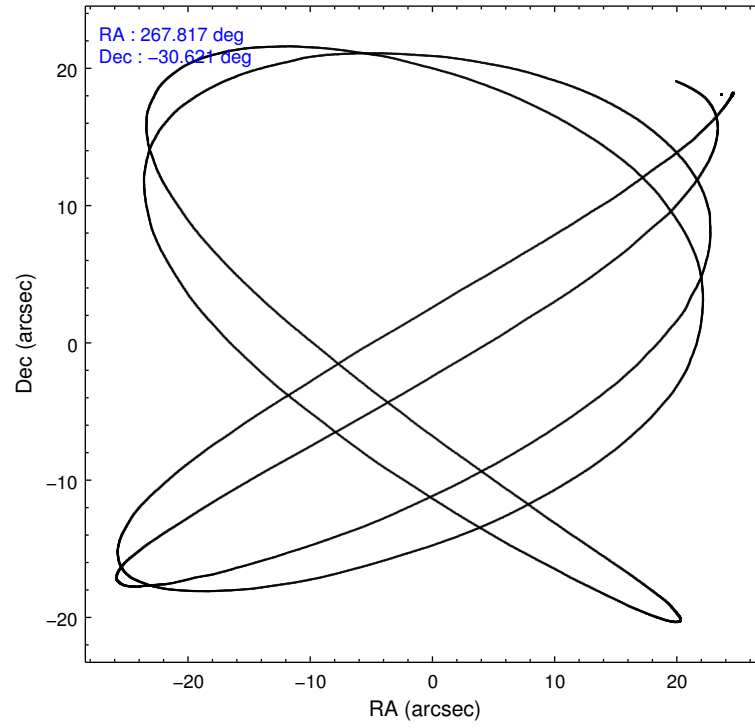
	segment 1	segment 2	segment 3
level 1 events	166	152462	9
rejected events	8	2965	8
rejected %	4%	1%	88%

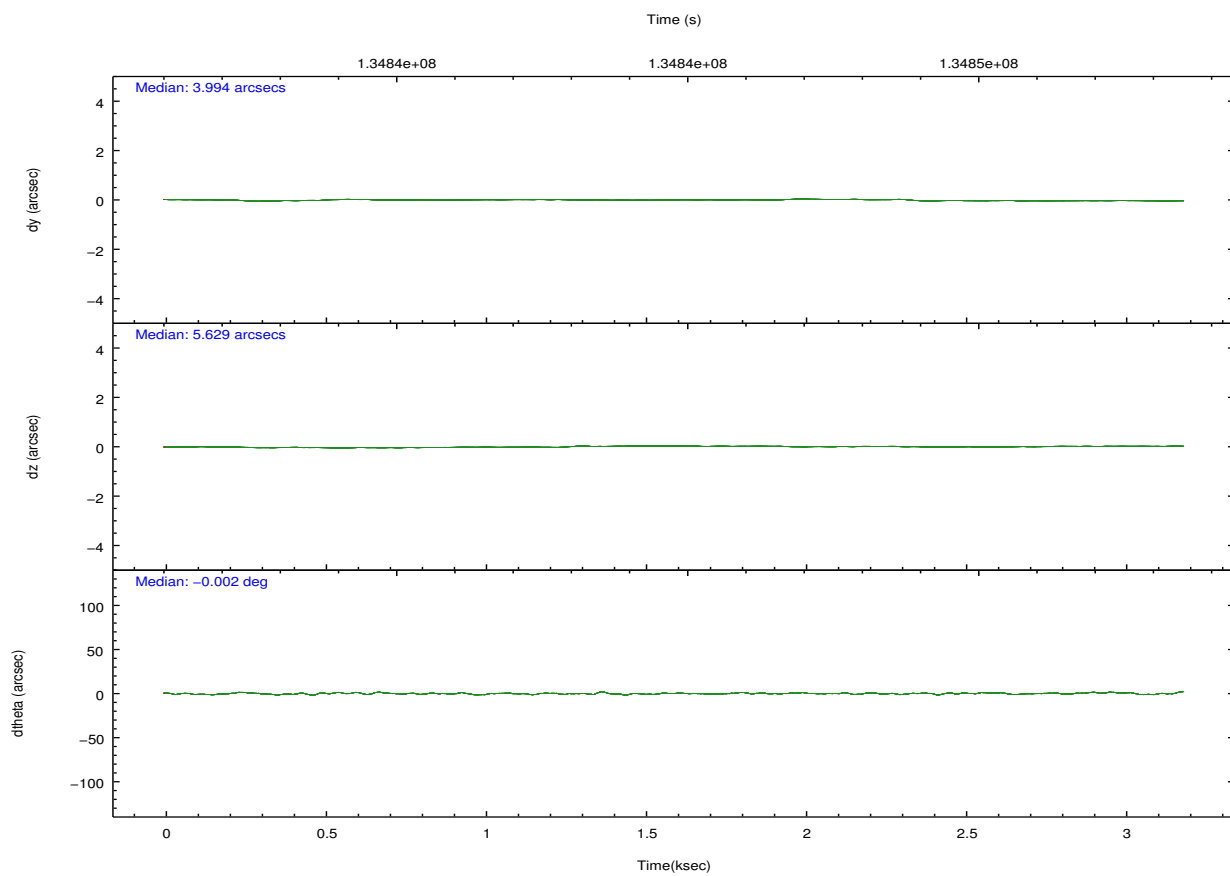
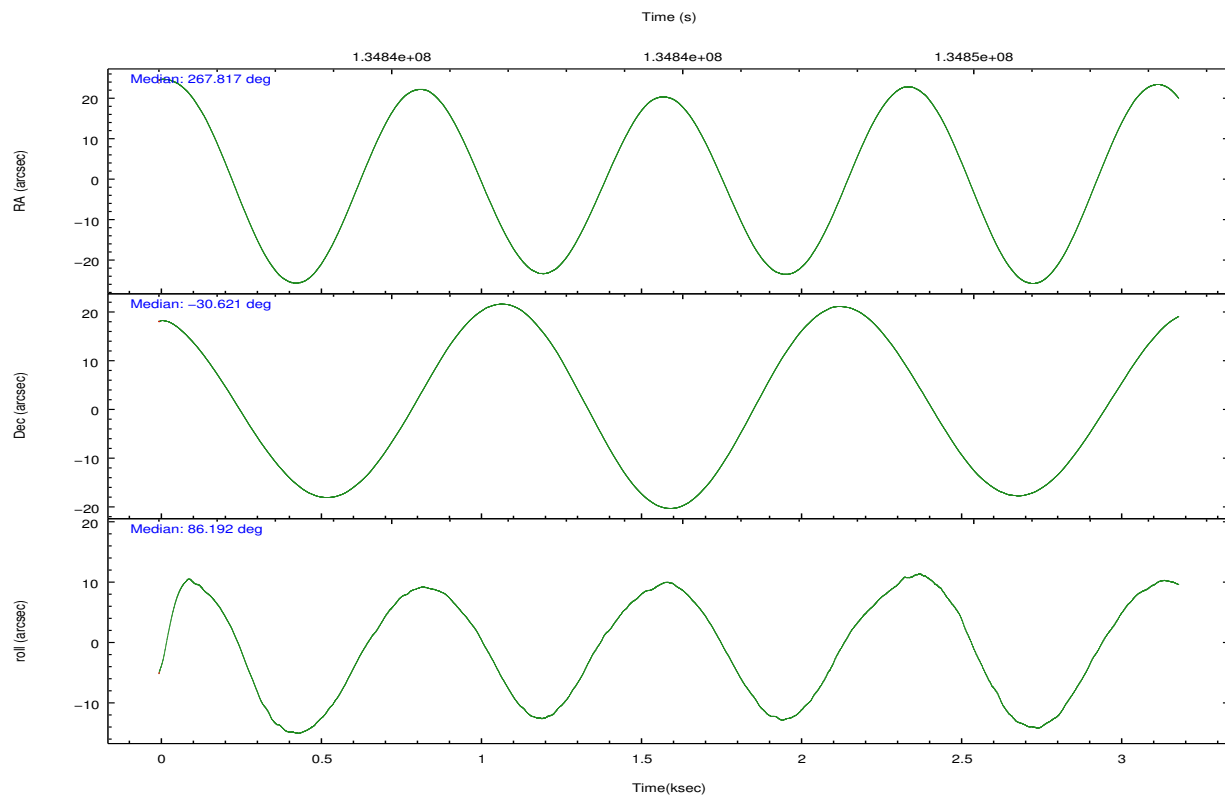
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	267.833325	267.8173678850591
[deg] Pointing Dec	-30.645344	-30.62045750584024
[deg] Pointing Roll	86.135757	86.1949243890504
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	253.455976	253.4630969196605
[mm] SIM translation stage offset	-3	-3.007118526105813
[s] Observation start time (MET)	134843538.184000	134842722.6347
Observation start date	2002-04-10T16:31:14	2002-04-10T16:18:42
[s] Observation end time (MET)	134846538.184000	134846867.73486
Observation end date	2002-04-10T17:21:14	2002-04-10T17:27:47

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

2.3 Aspect



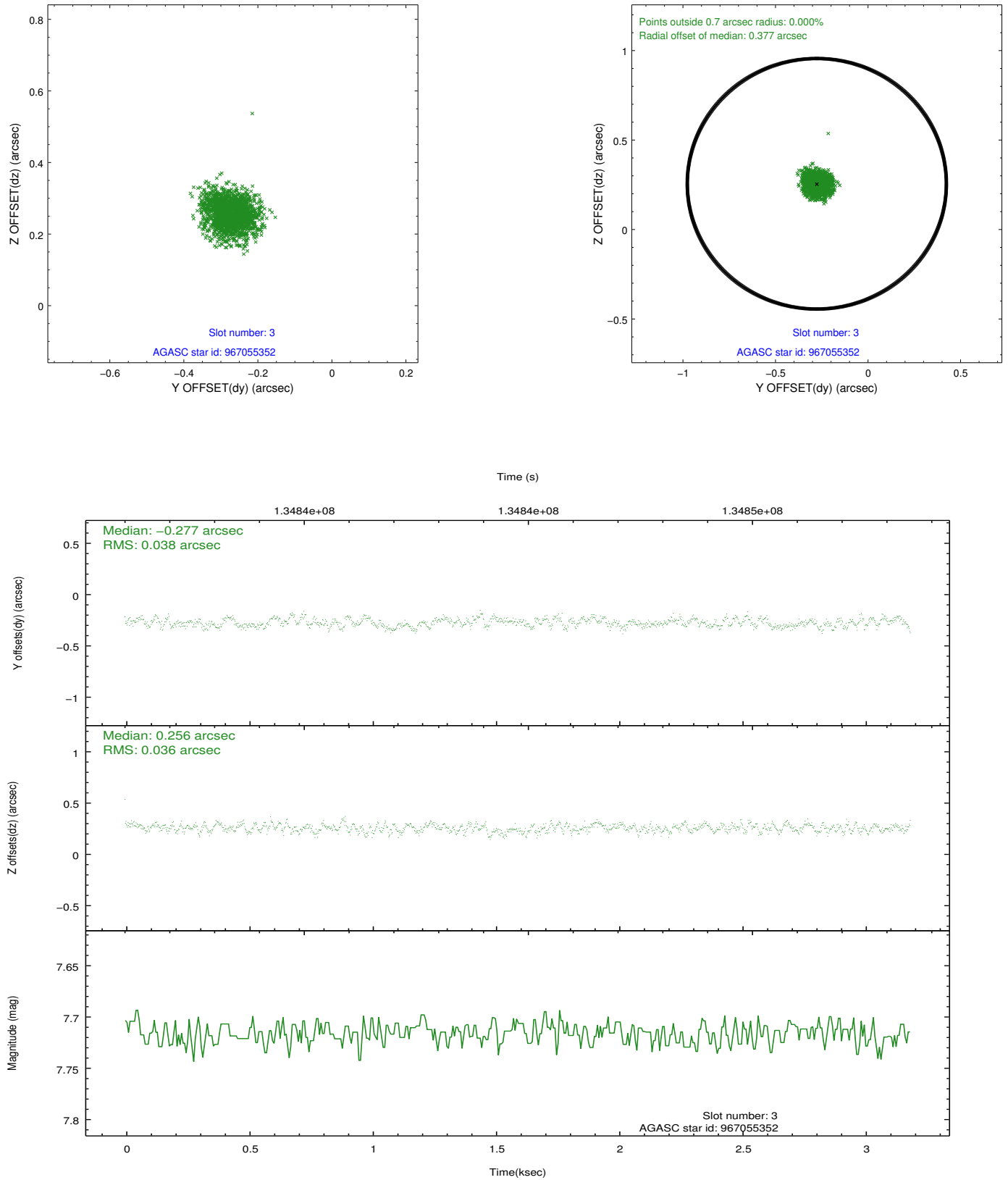


Slot Statistics

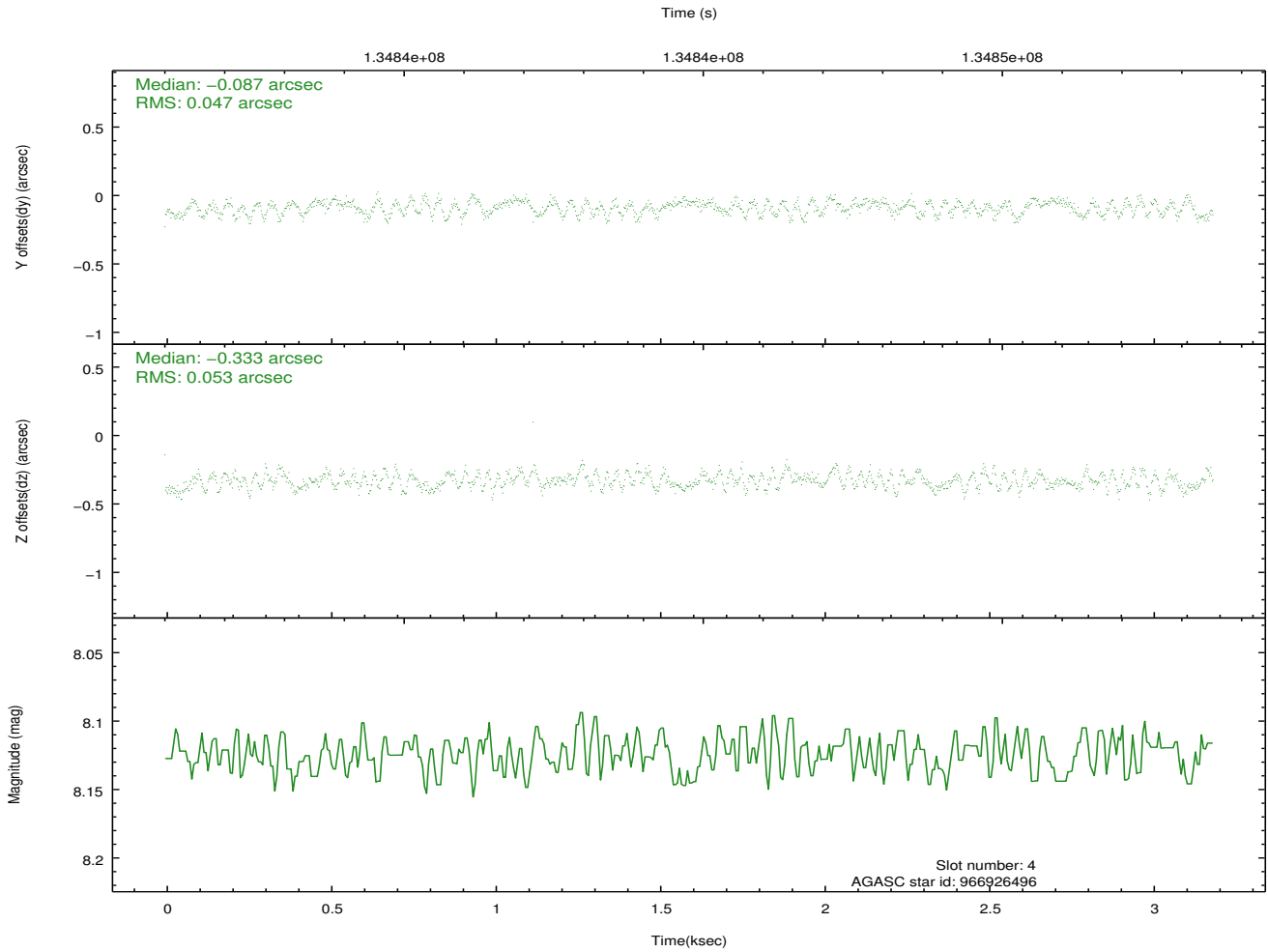
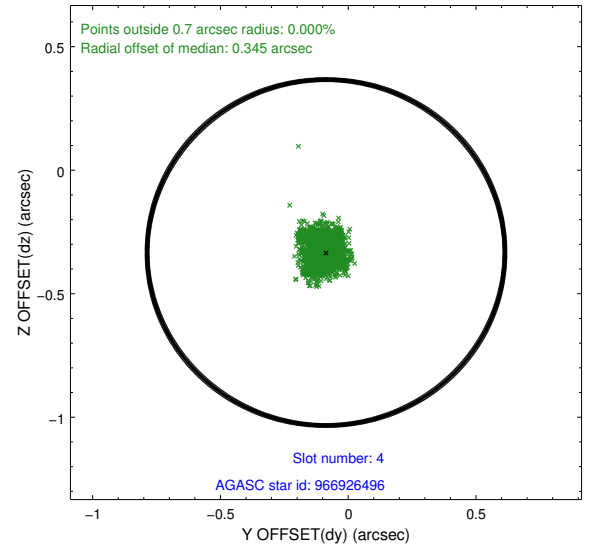
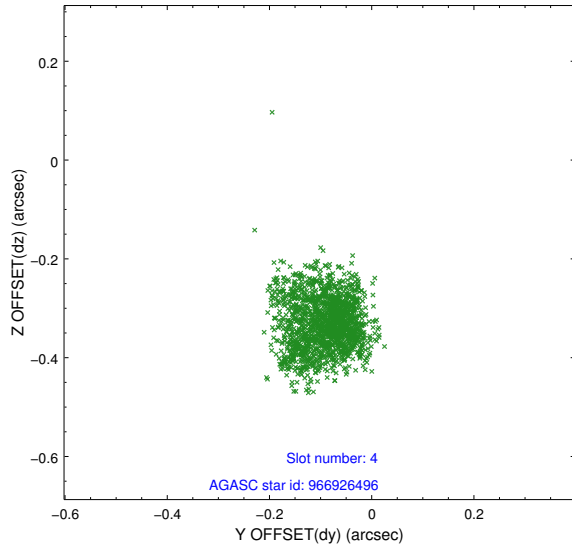
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	777	0.105	-0.038	0.007	0.011	0.000000	0.000000	-1157.88	-515.66
1	FID	HRC-S-2	6.98	778	0.118	-0.085	0.005	0.009	0.000000	0.000000	1240.33	-509.07
2	FID	HRC-S-3	7.01	777	0.167	-0.180	0.007	0.011	0.000000	0.000000	-1158.91	513.07
3	GUIDE	967055352	7.72	1554	-0.277	0.256	0.056	0.089	268.048762	-30.151652	1819.60	-548.41
4	GUIDE	966926496	8.12	1555	-0.087	-0.333	0.075	0.118	267.109389	-30.299474	1086.45	2328.61
5	GUIDE	966927000	8.17	1555	0.277	-0.129	0.068	0.111	267.318997	-31.255021	-2297.25	1433.07
6	GUIDE	967056216	9.17	1554	0.137	0.226	0.106	0.159	268.565289	-31.260893	-2065.77	-2395.65
7	GUIDE	896543792	9.43	1553	-0.046	-0.020	0.087	0.144	267.148052	-29.957989	2319.00	2298.18

2.4 Star Slots

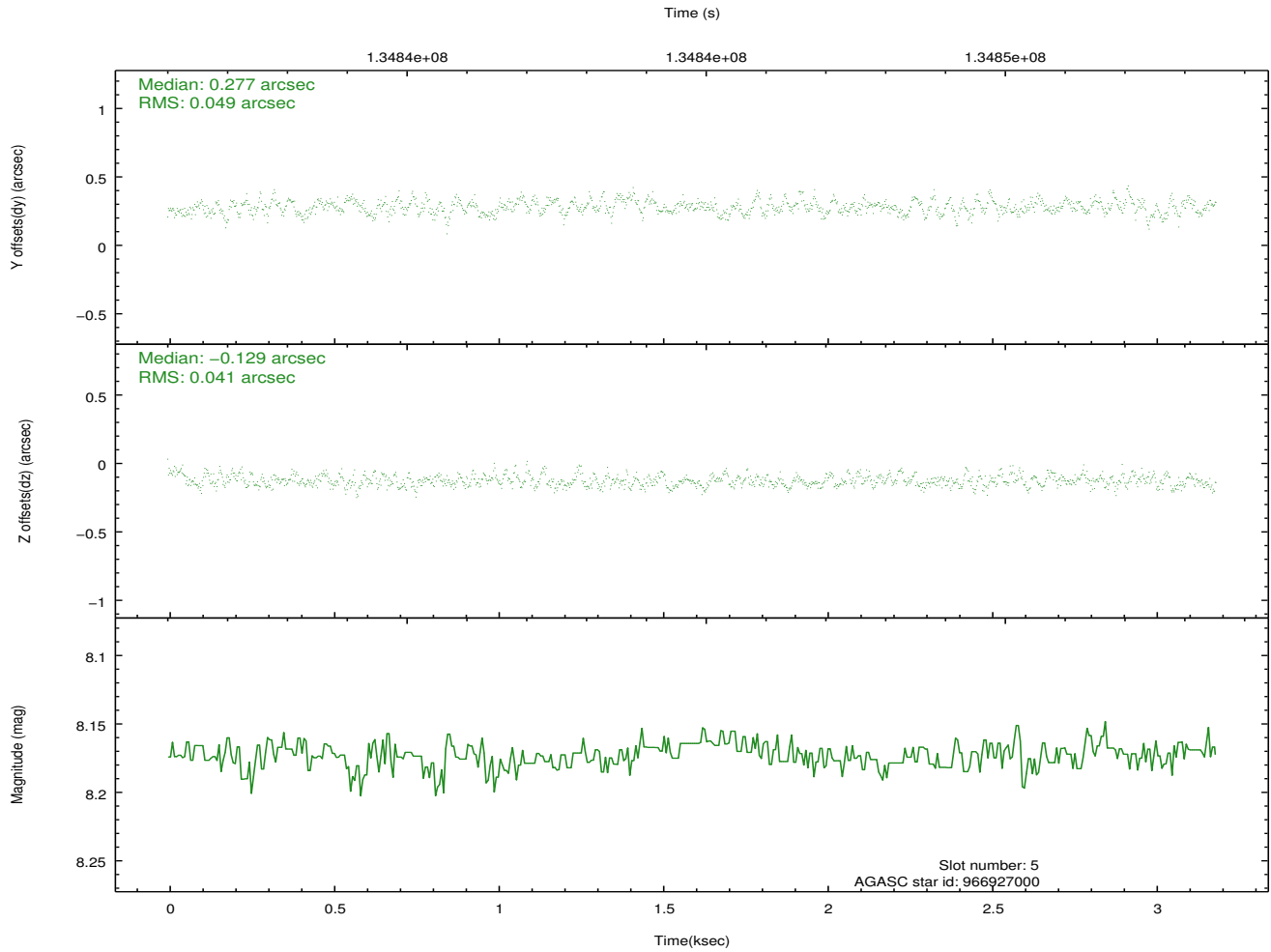
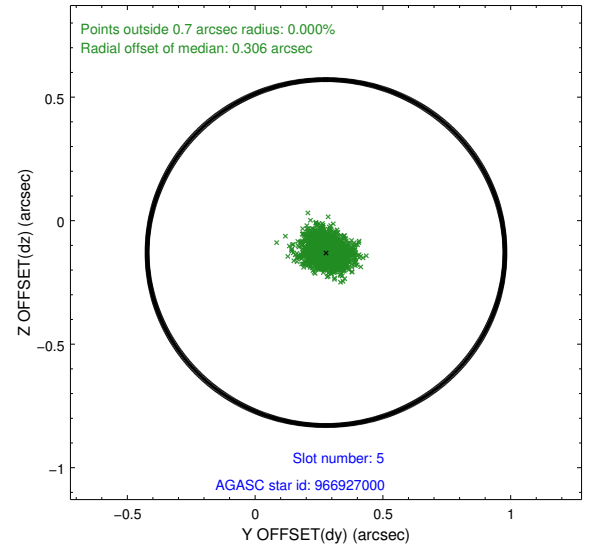
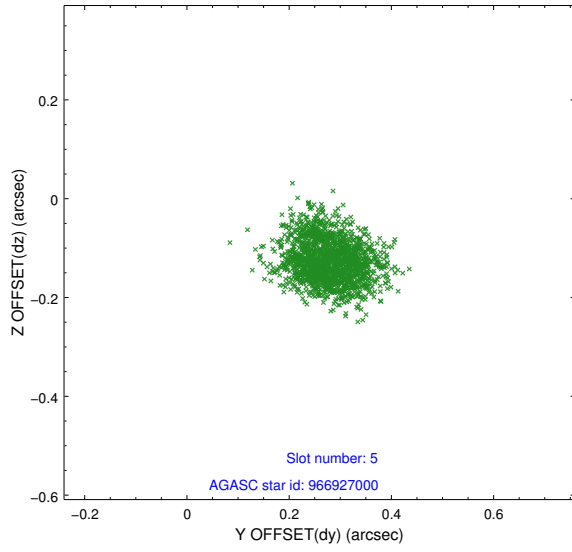
2.4.1 Slot 3



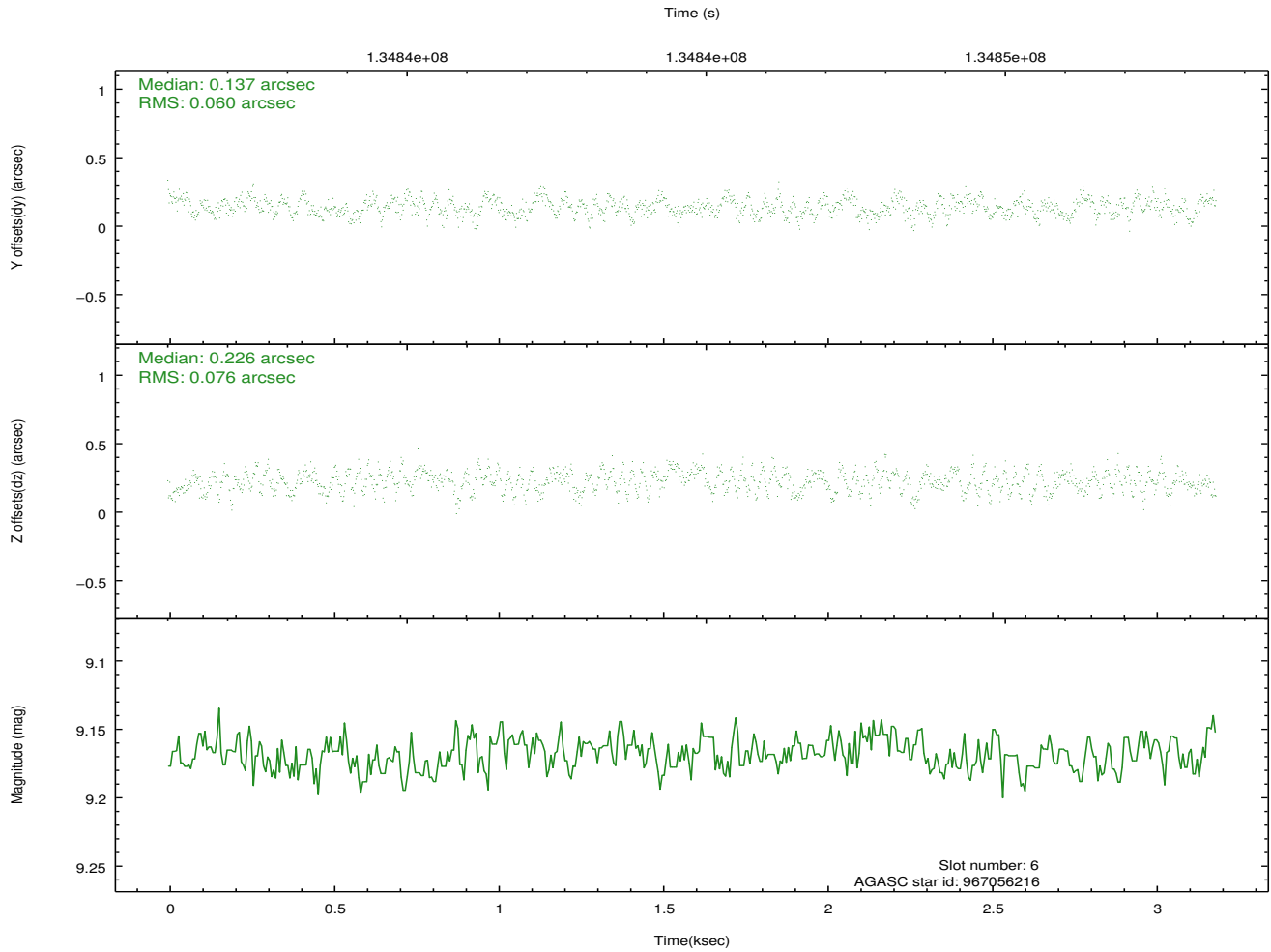
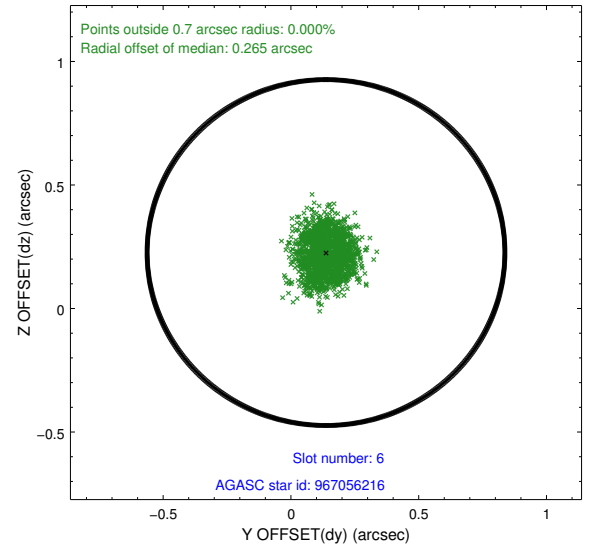
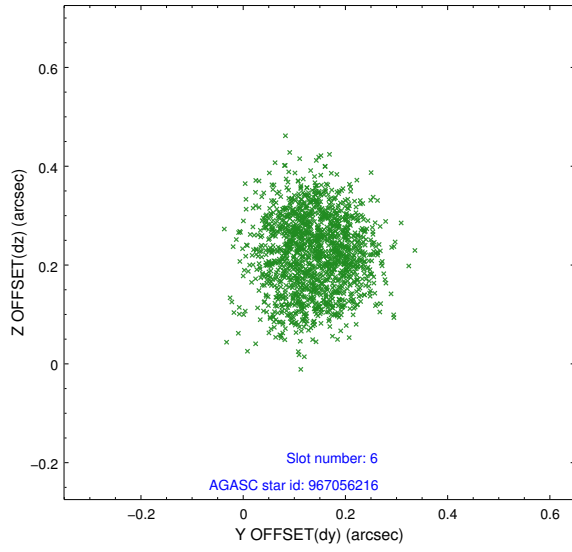
2.4.2 Slot 4



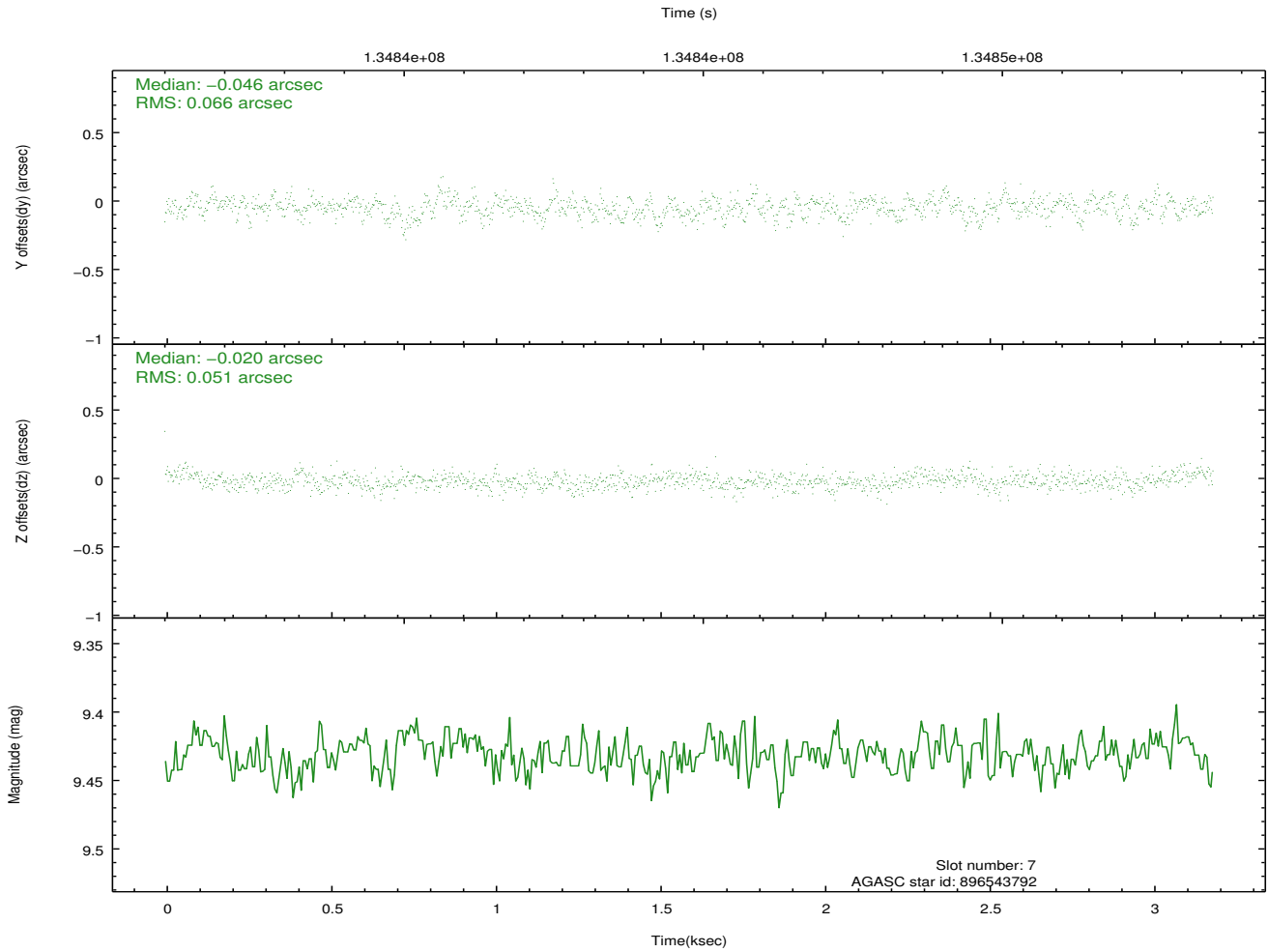
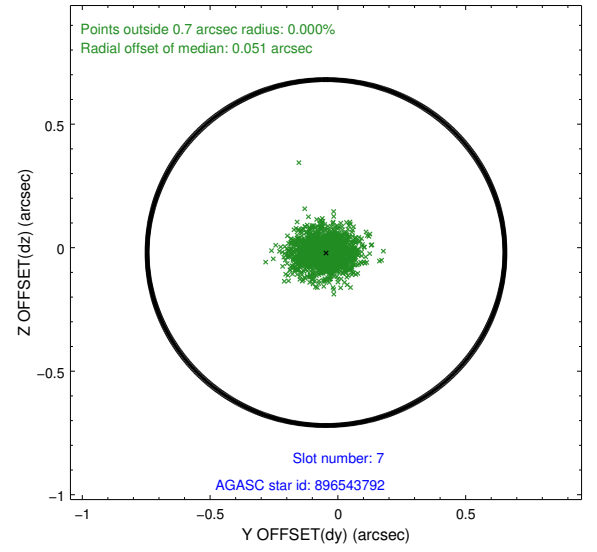
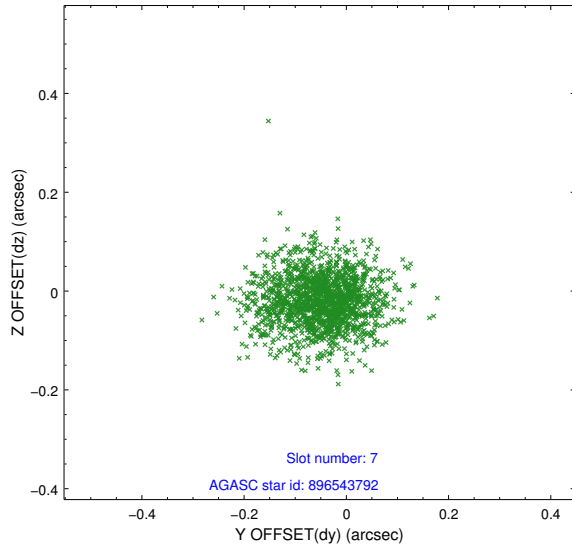
2.4.3 Slot 5



2.4.4 Slot 6

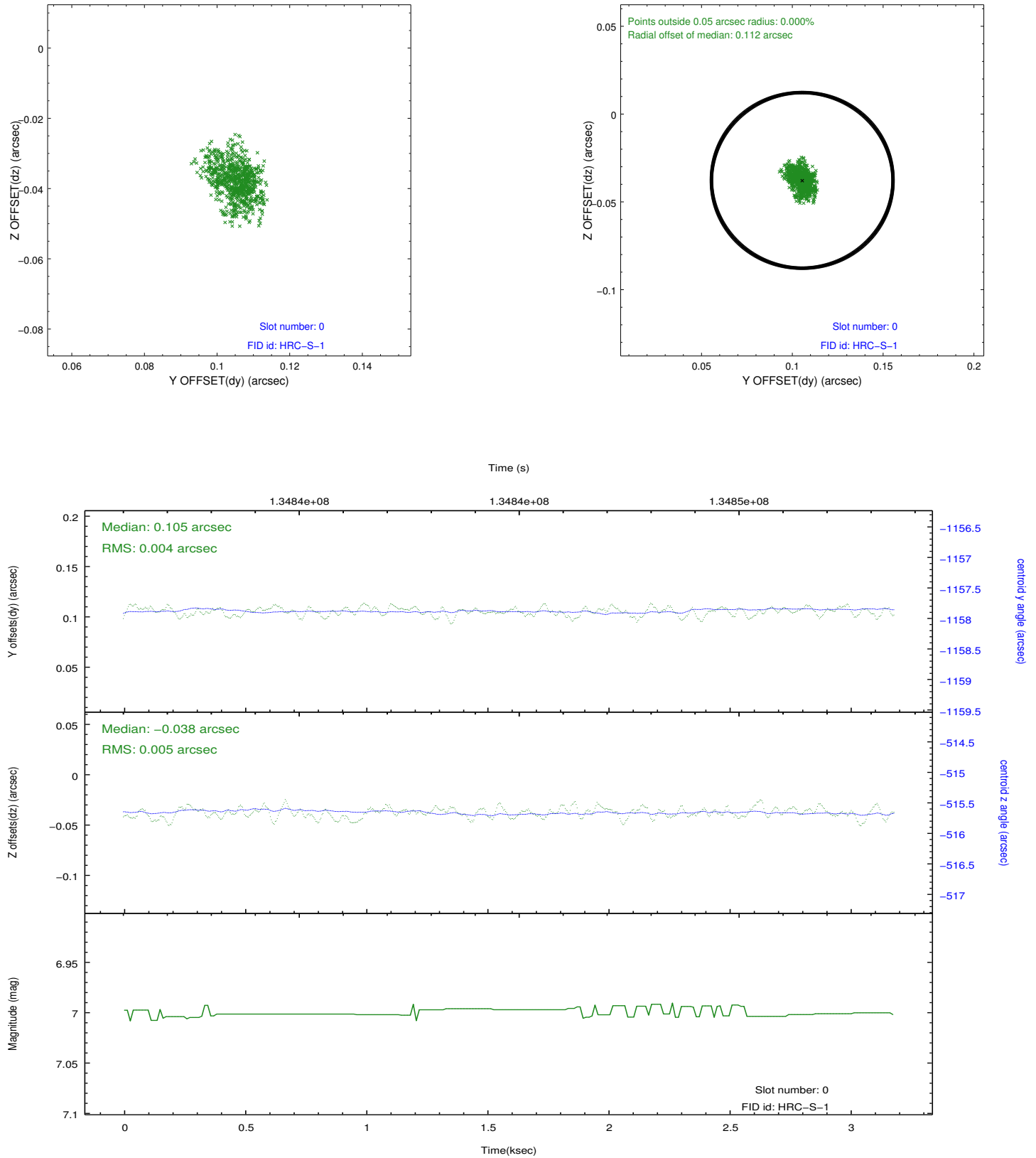


2.4.5 Slot 7

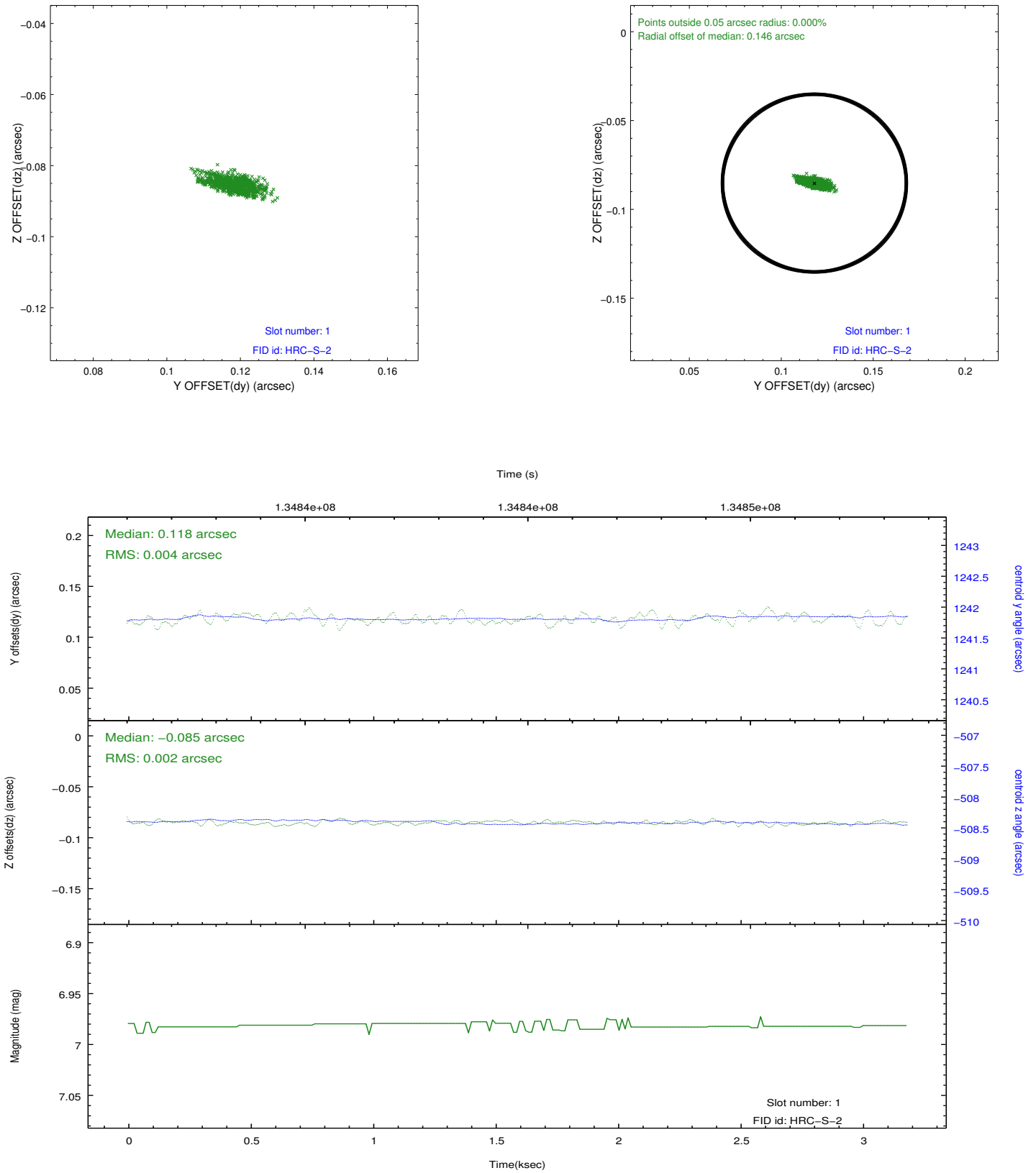


2.5 FID Slots

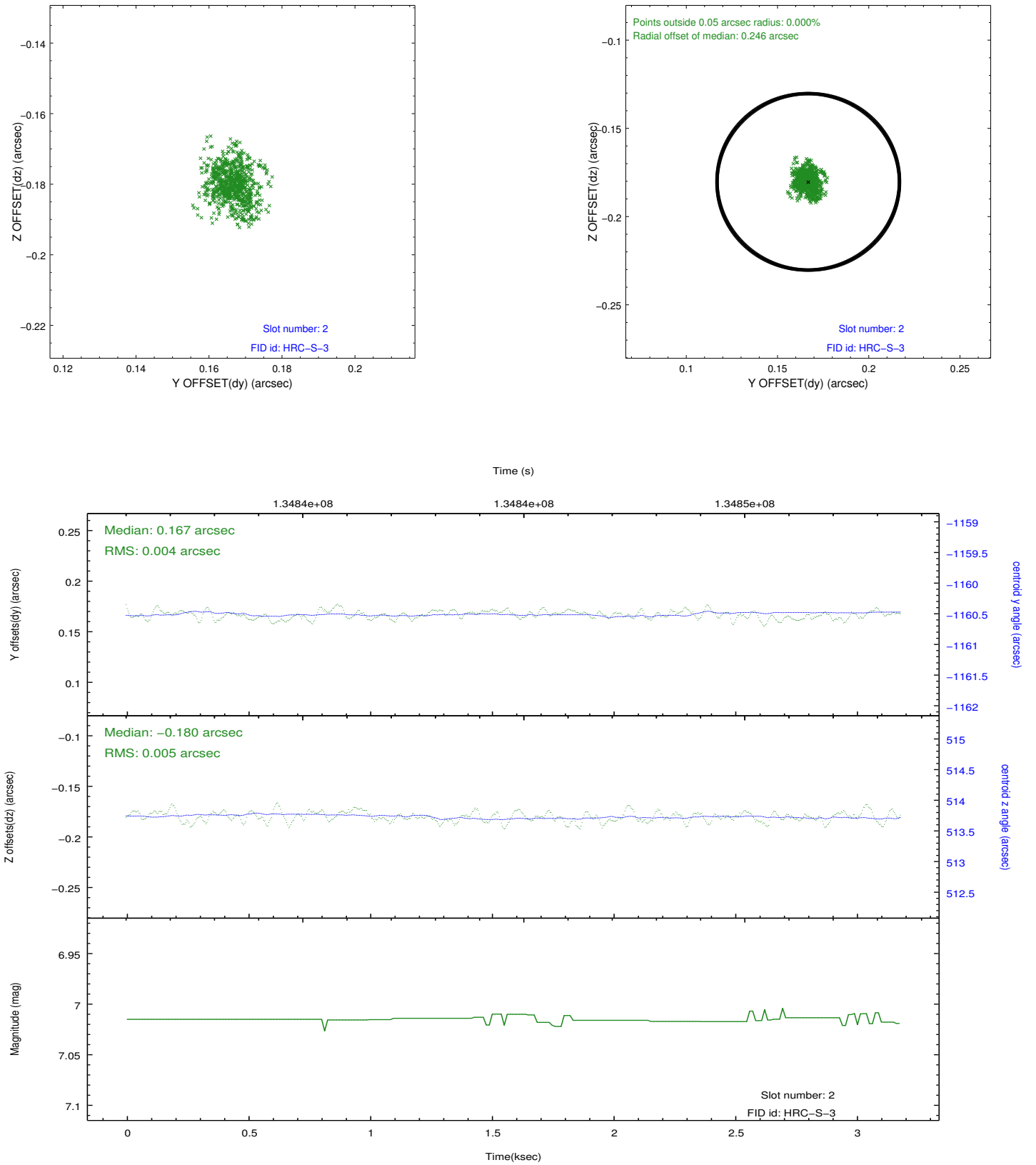
2.5.1 Slot 0



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)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.976

A.2 Comments