

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2437 - L2 Version 5
Chandra X-Ray Center

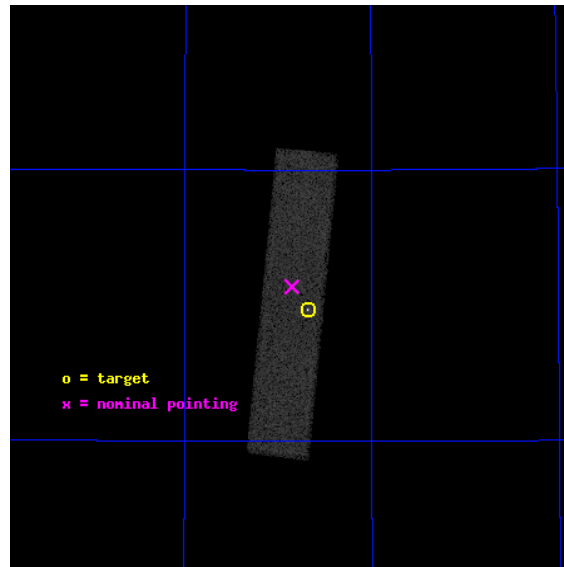
L2 Processing Date : Sep 18 2012

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1 Front

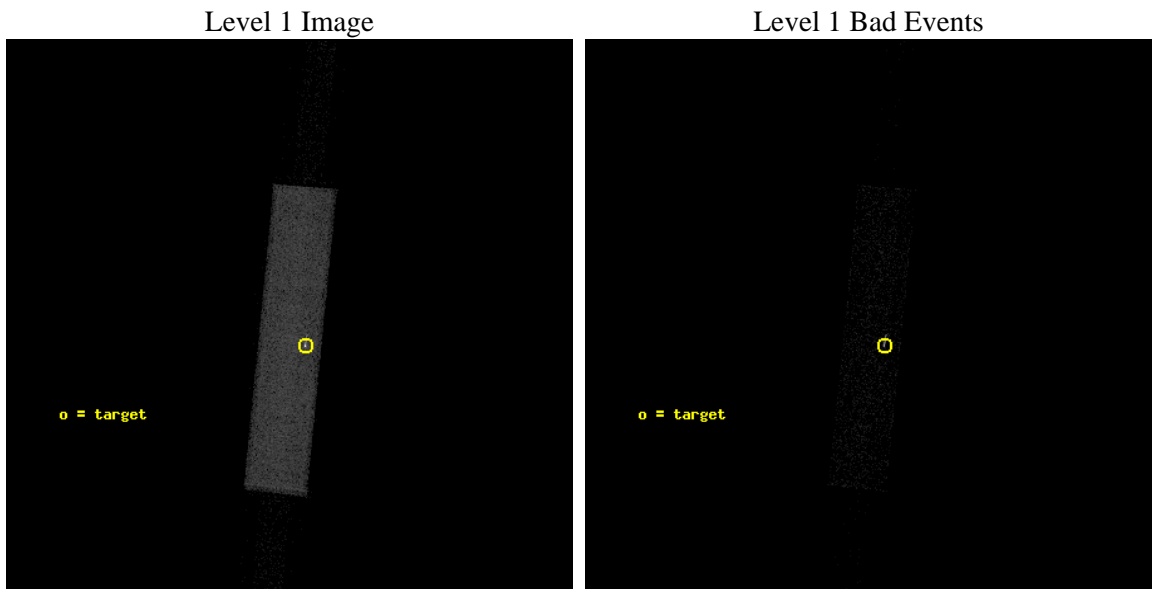
seq_num	290078	Sequence number
obs_id	2437	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2129152323	Nominal RA [deg]
dec_nom	45.784576787165	Nominal Dec [deg]
roll_nom	95.646792289109	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1375.8063034564	[s]
livetime	1368.0555319807	Ontime multiplied by DTCOR
l2events	54142	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	1234.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1375.8063034564	[s]
caldbver	4.5.1.1	 	l1events	87616	Number of level 1 events
date	2012-09-18T22:54:17	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

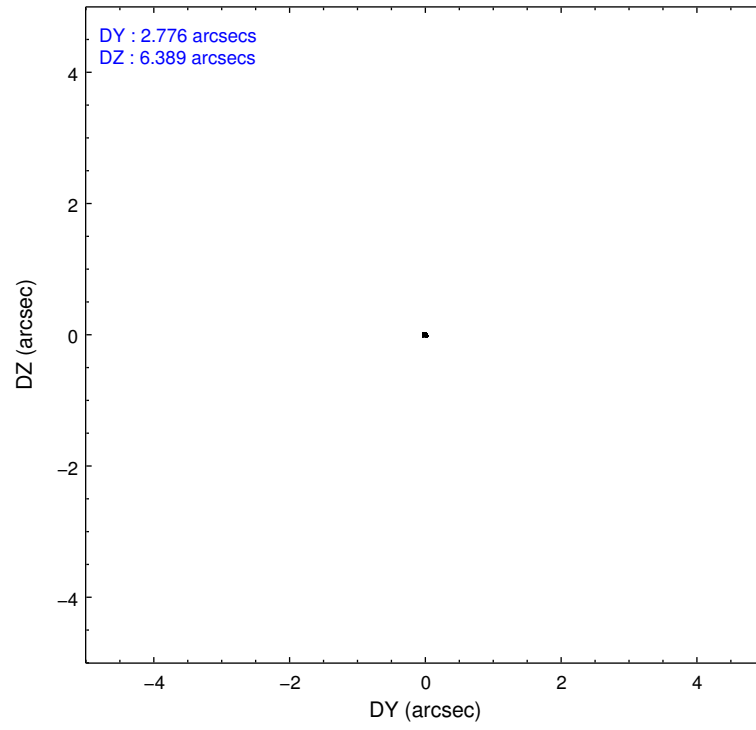
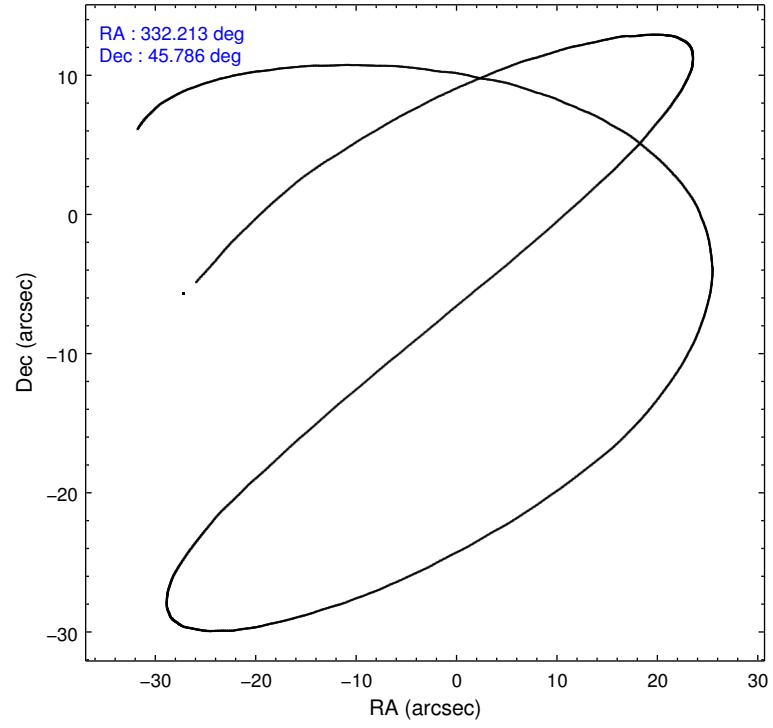
Level 1 Events

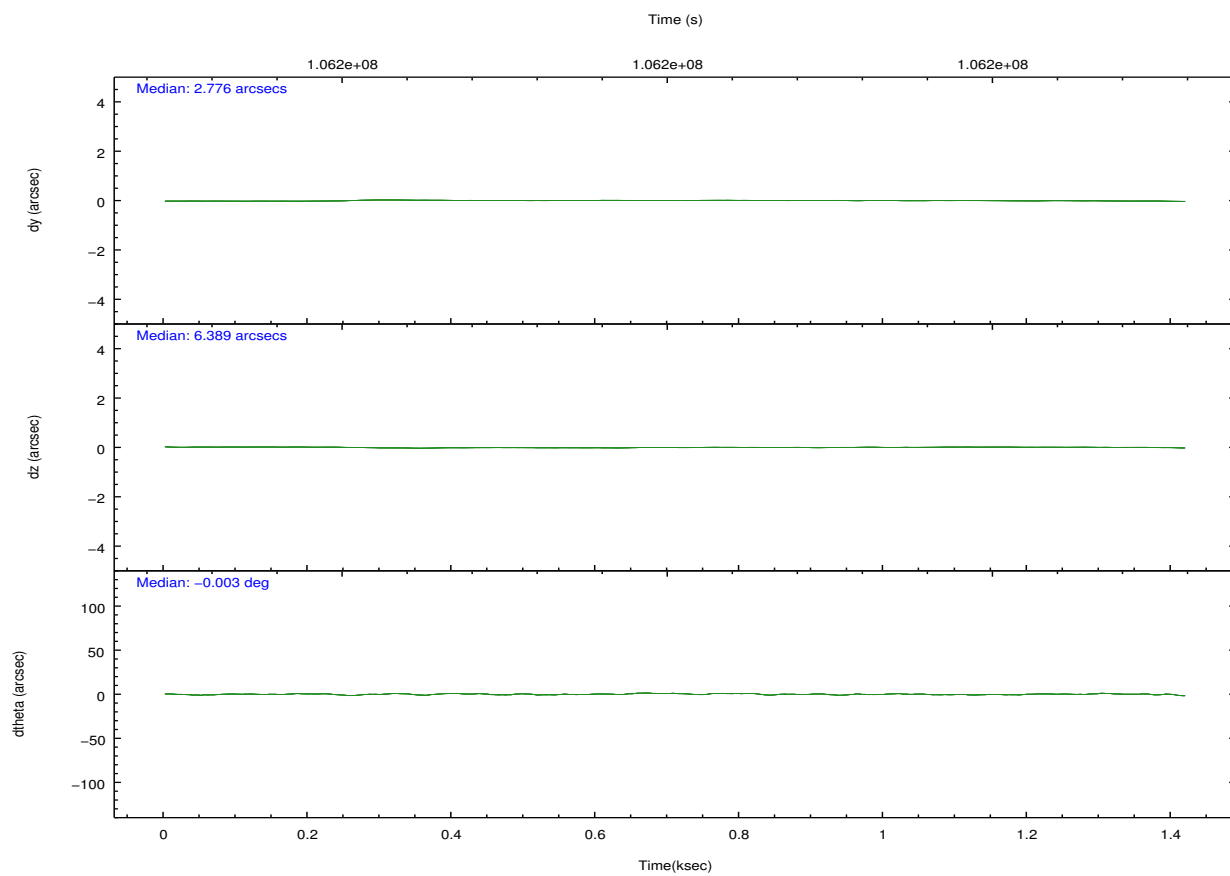
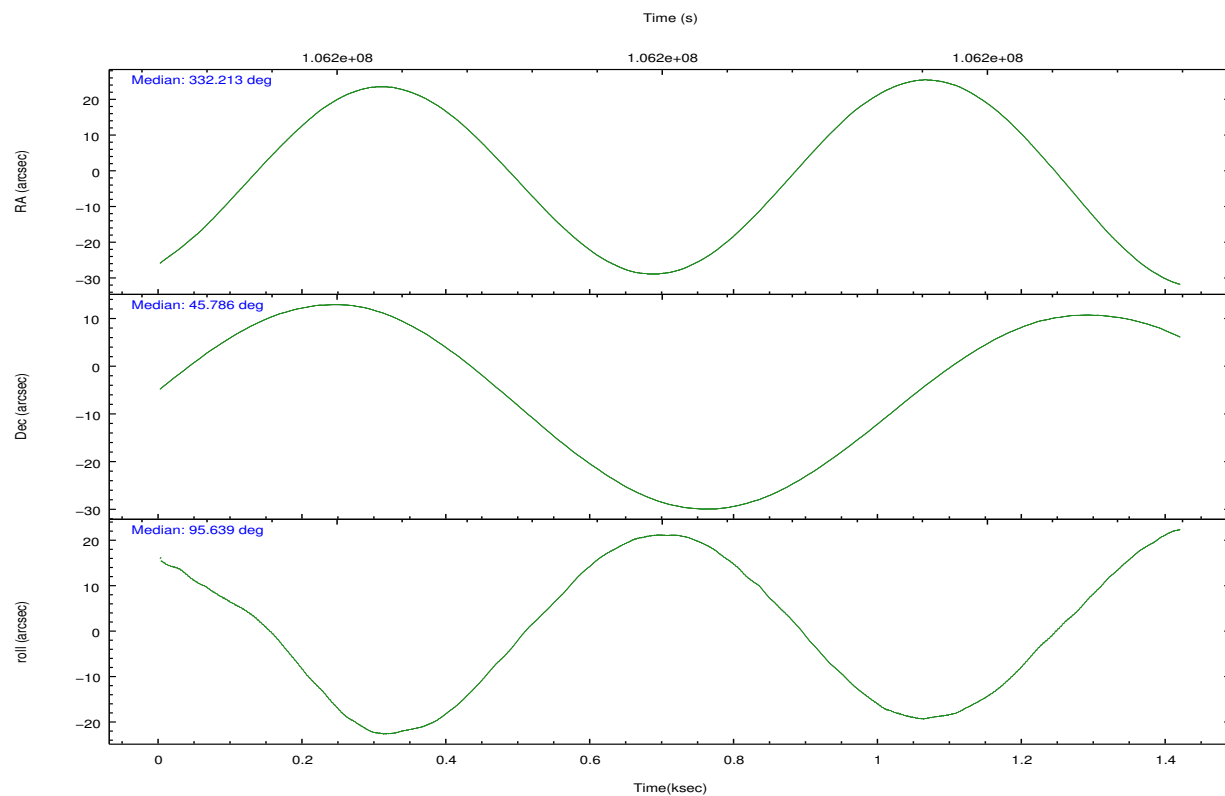
	segment 1	segment 2	segment 3
level 1 events	1143	85388	1085
rejected events	1143	19304	1085
rejected %	100%	22%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.237941	332.2129152322966			
[deg] Pointing Dec	45.761003	45.78457678716467			
[deg] Pointing Roll	95.561555	95.6467922891093			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	106196987.184000	106196610.87052			
Observation start date	2001-05-14T03:08:43	2001-05-14T03:03:30			
[s] Observation end time (MET)	106198221.184000	106198354.90809			
Observation end date	2001-05-14T03:29:17	2001-05-14T03:32:34			

2.3 Aspect



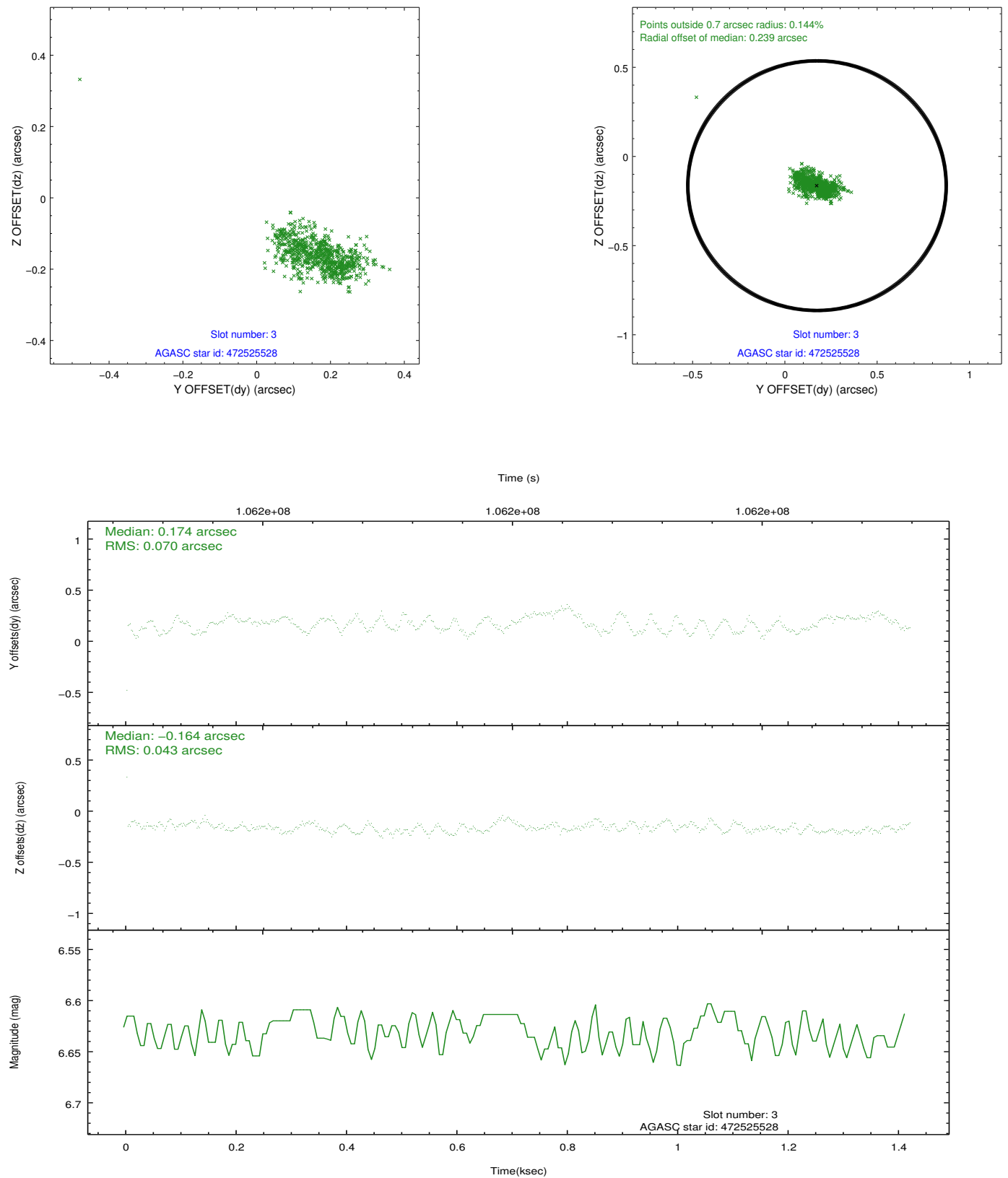


Slot Statistics

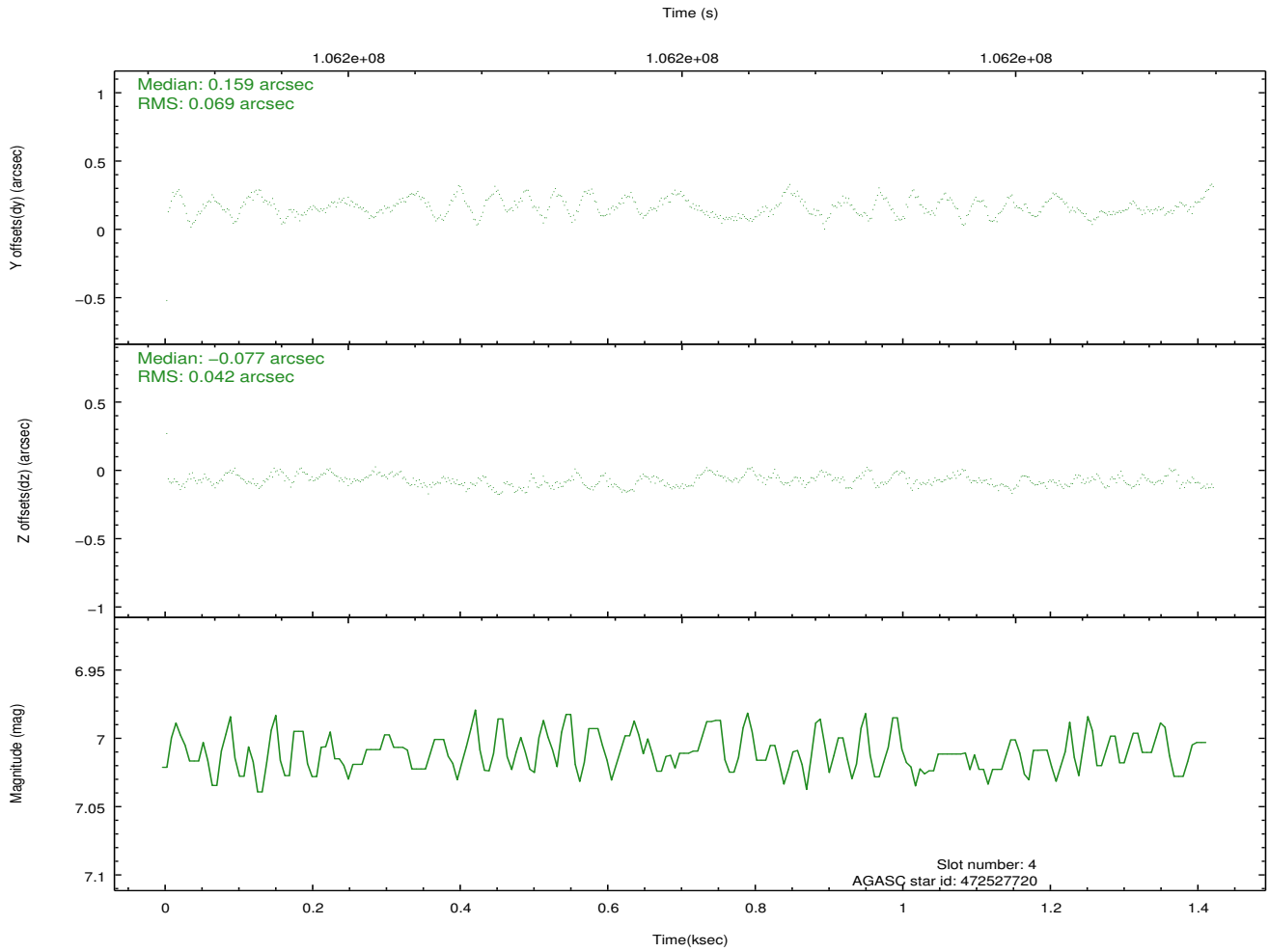
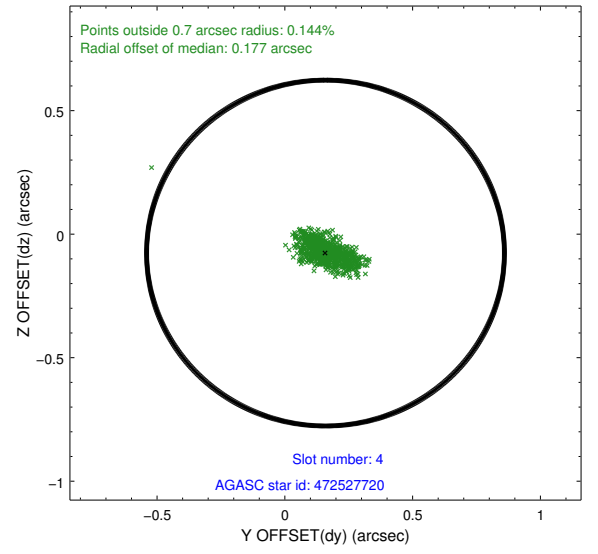
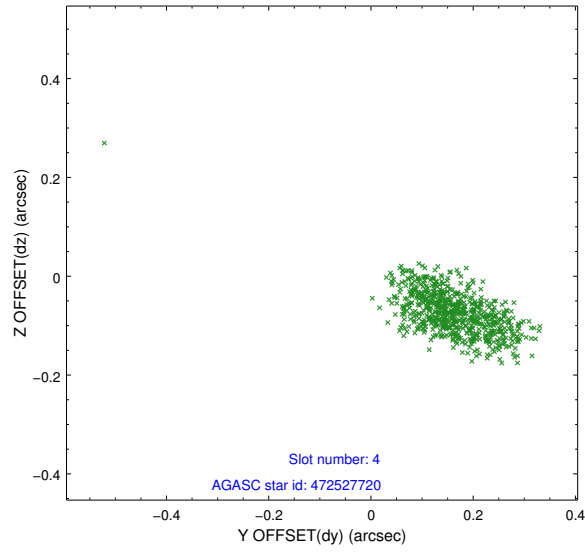
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	346	0.141	-0.114	0.006	0.011	0.000000	0.000000	-1156.80	-454.90
1	FID	HRC-S-2	6.98	346	0.115	-0.098	0.004	0.010	0.000000	0.000000	1239.51	-448.85
2	FID	HRC-S-3	7.00	346	0.135	-0.089	0.007	0.011	0.000000	0.000000	-1155.94	573.36
3	GUIDE	472525528	6.63	693	0.174	-0.164	0.083	0.130	331.551102	45.248694	-1663.73	1911.24
4	GUIDE	472527720	7.01	693	0.159	-0.077	0.083	0.134	331.460205	45.112509	-2129.28	2195.37
5	GUIDE	472535576	7.85	693	-0.167	-0.116	0.054	0.084	331.438373	46.291802	2097.04	1797.84
6	GUIDE	472665256	9.00	693	-0.110	0.240	0.071	0.121	332.808125	46.195041	1421.63	-1562.11
7	GUIDE	472659832	9.46	692	-0.065	0.113	0.090	0.154	332.780399	46.098139	1079.49	-1466.84

2.4 Star Slots

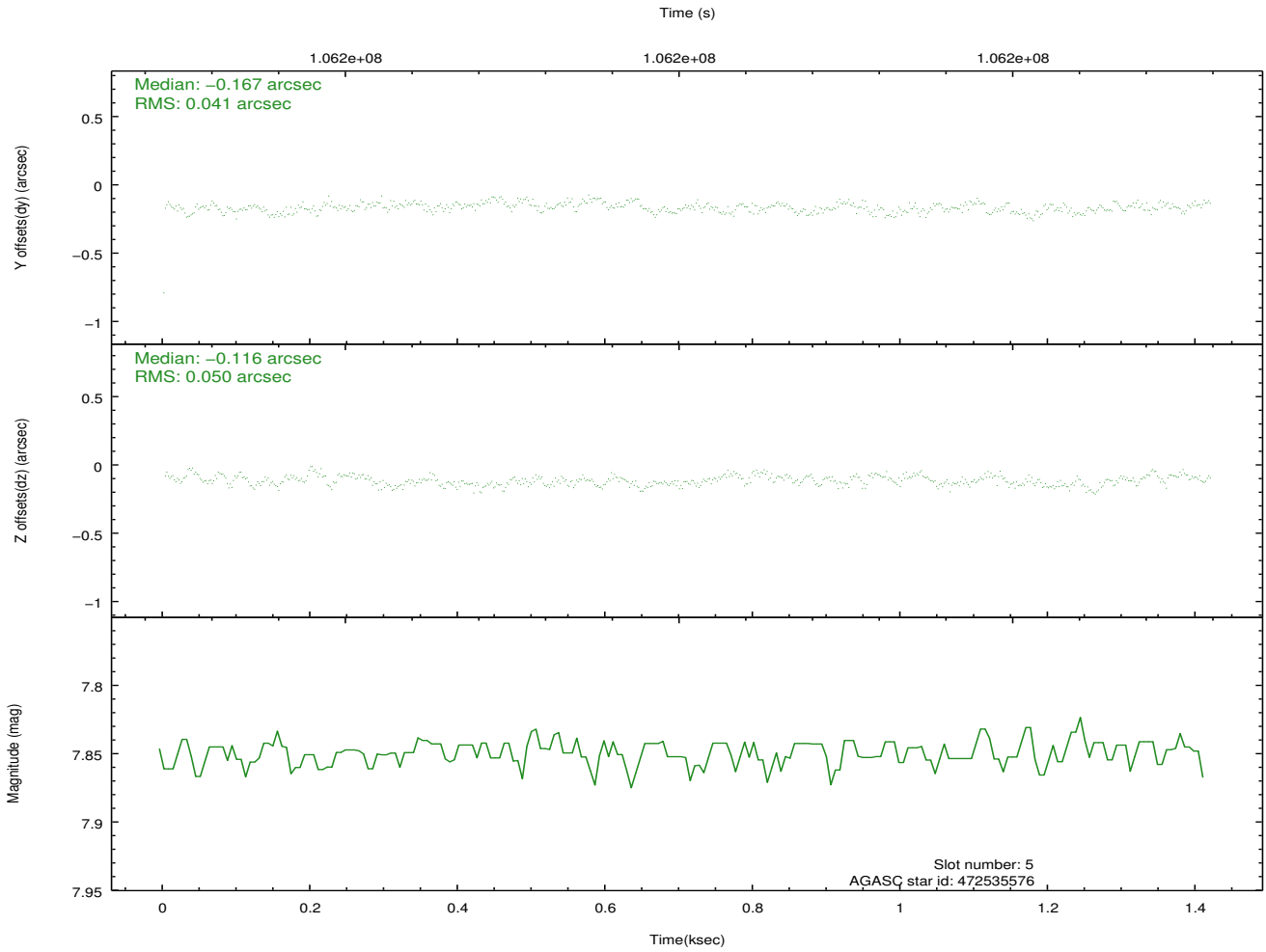
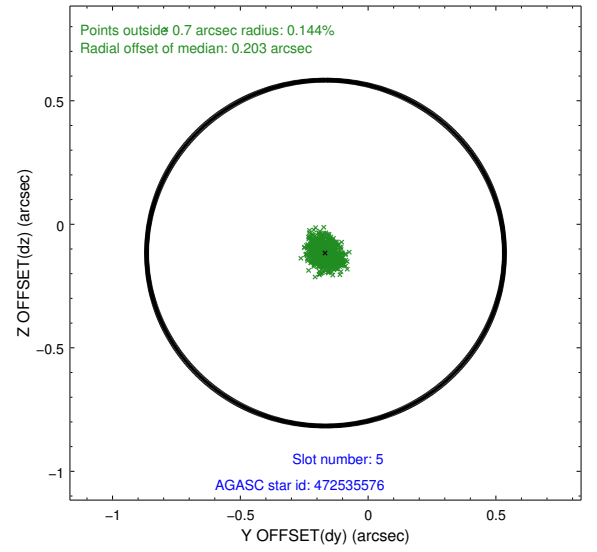
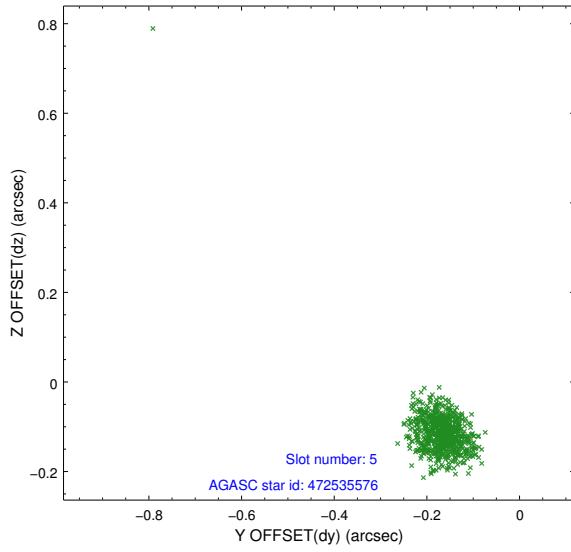
2.4.1 Slot 3



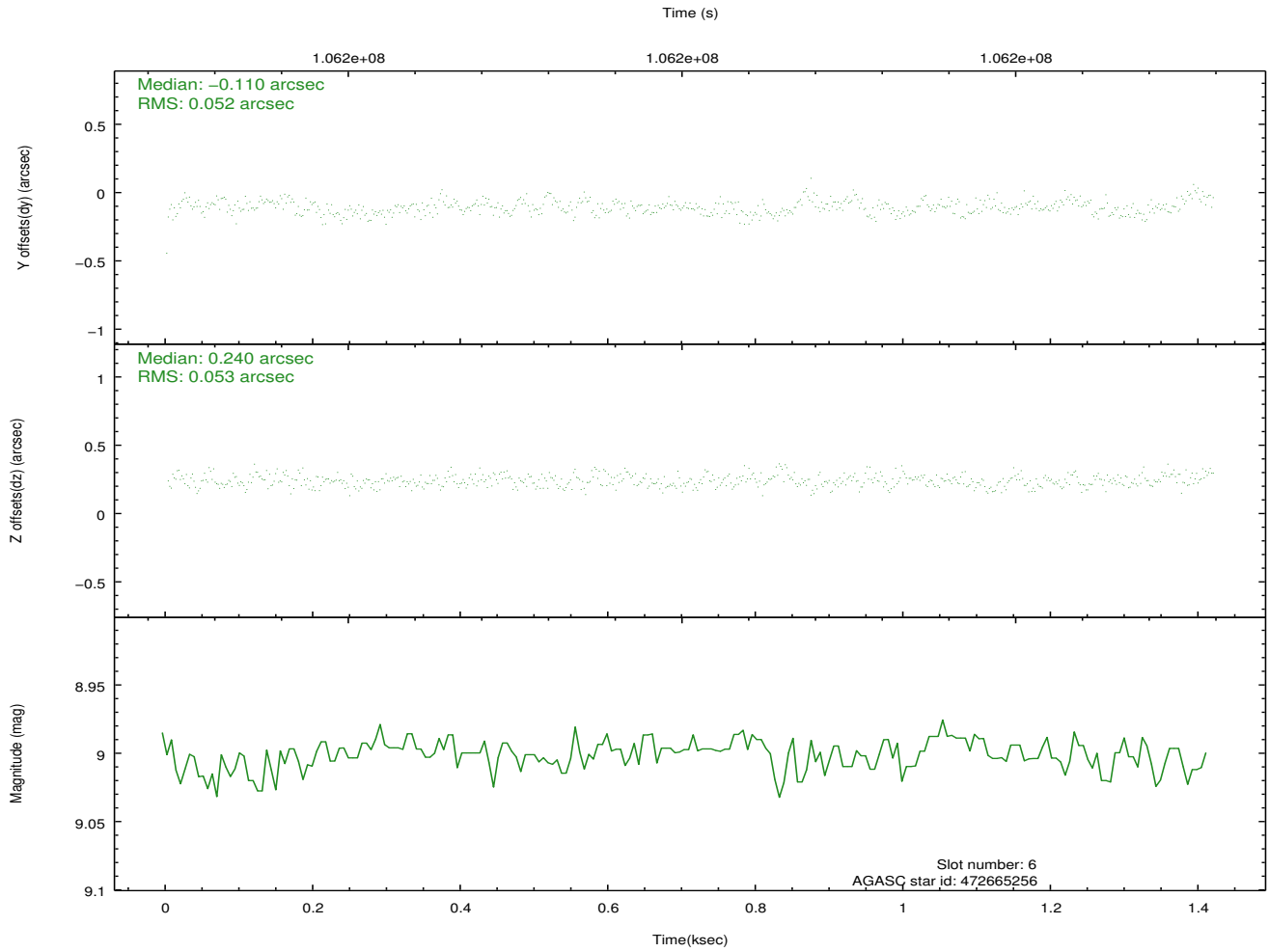
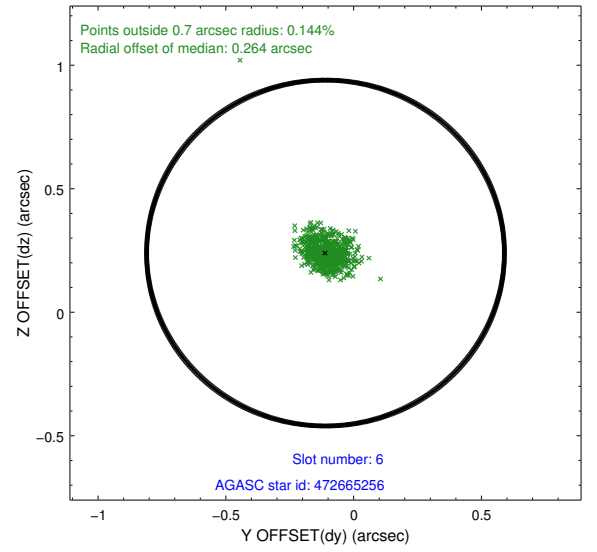
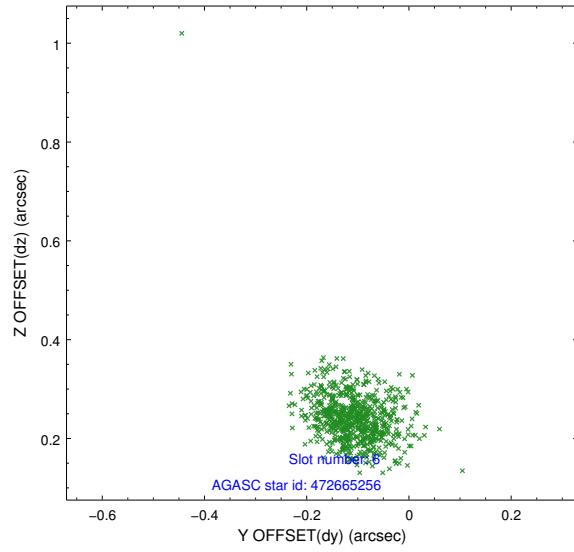
2.4.2 Slot 4



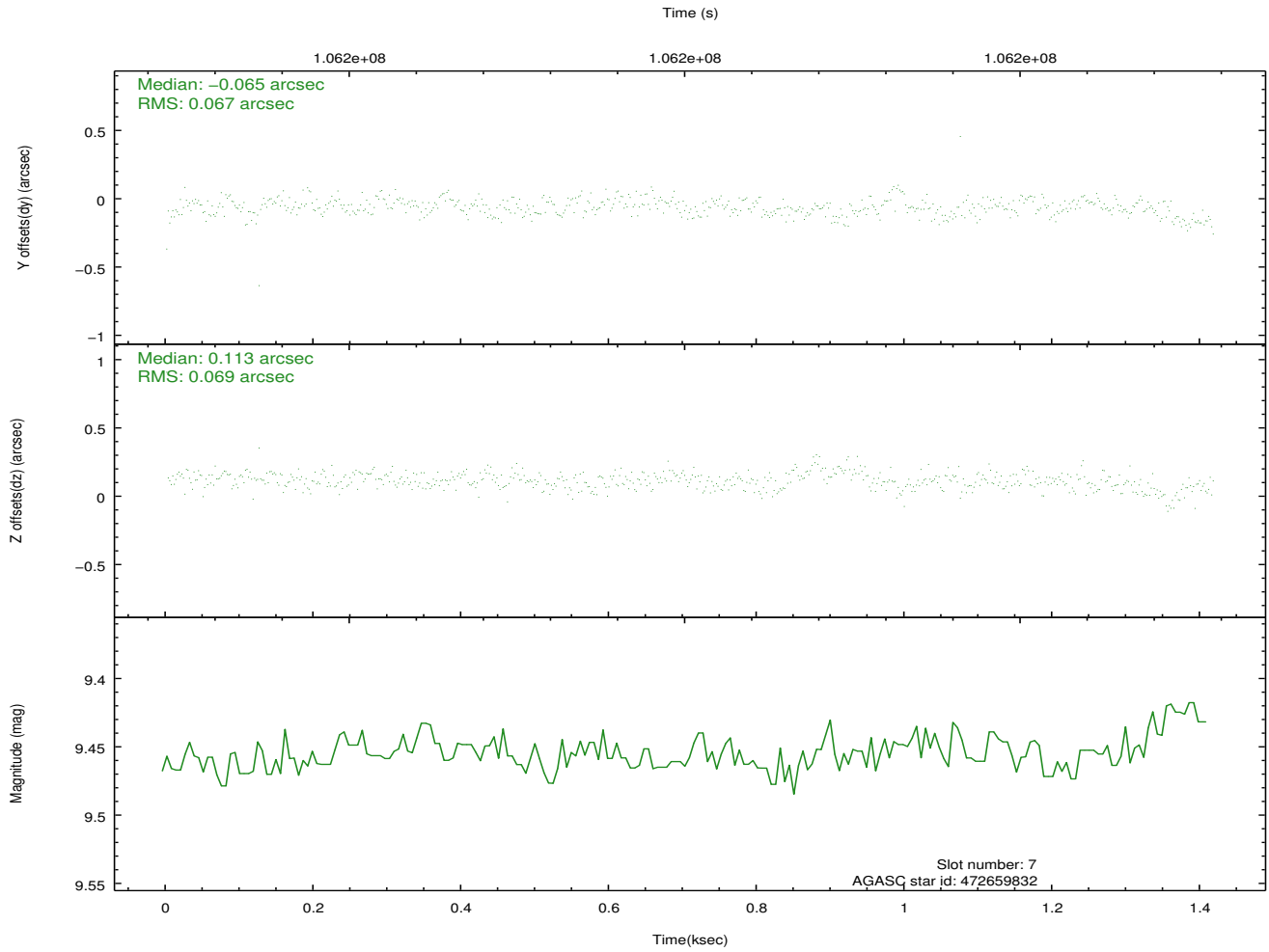
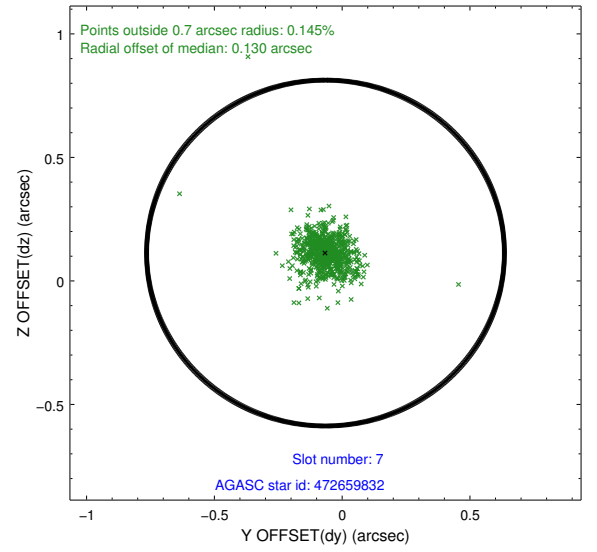
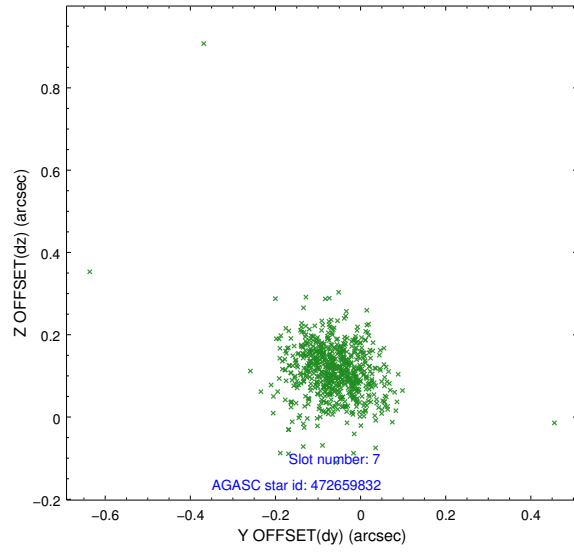
2.4.3 Slot 5



2.4.4 Slot 6

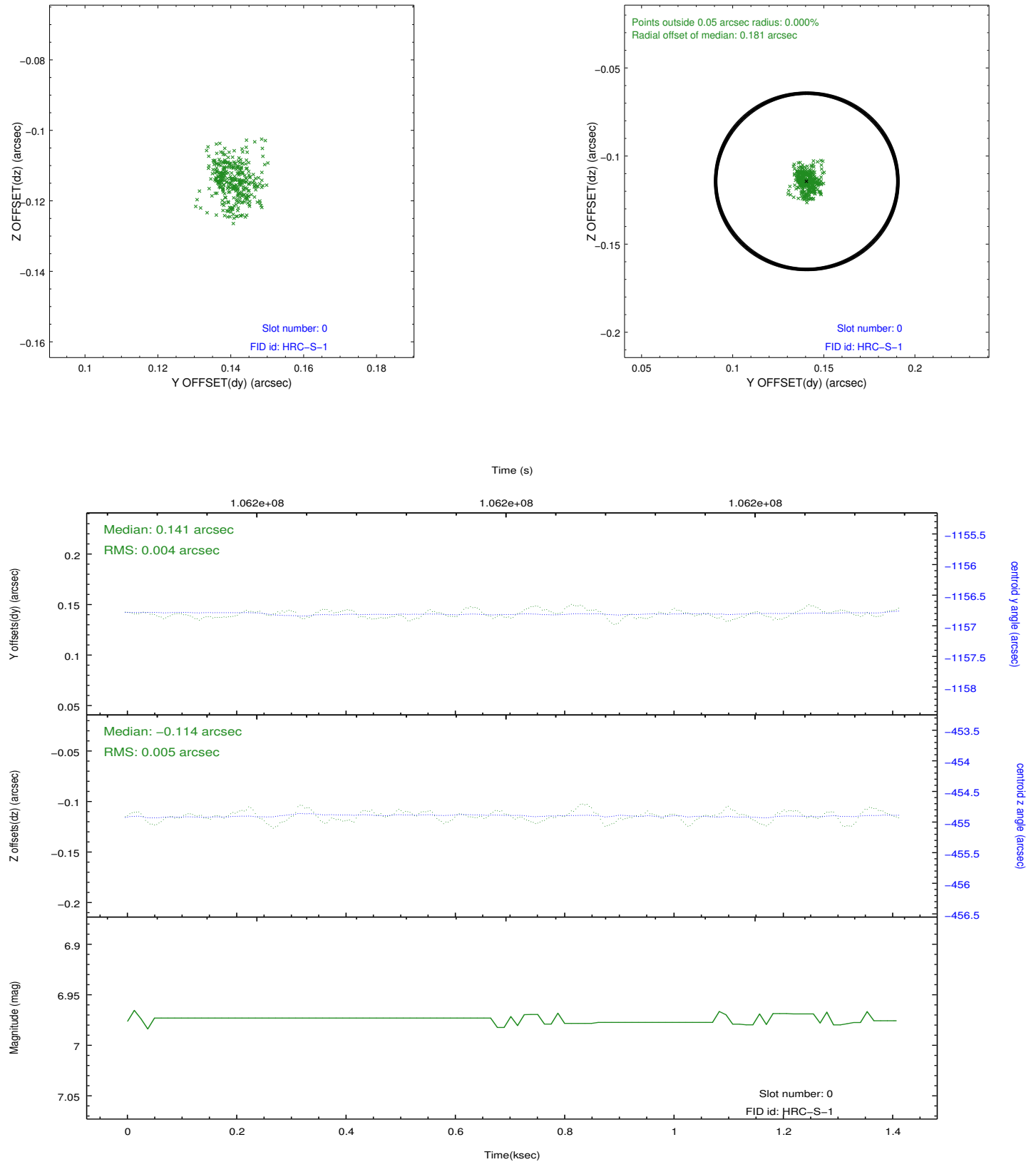


2.4.5 Slot 7

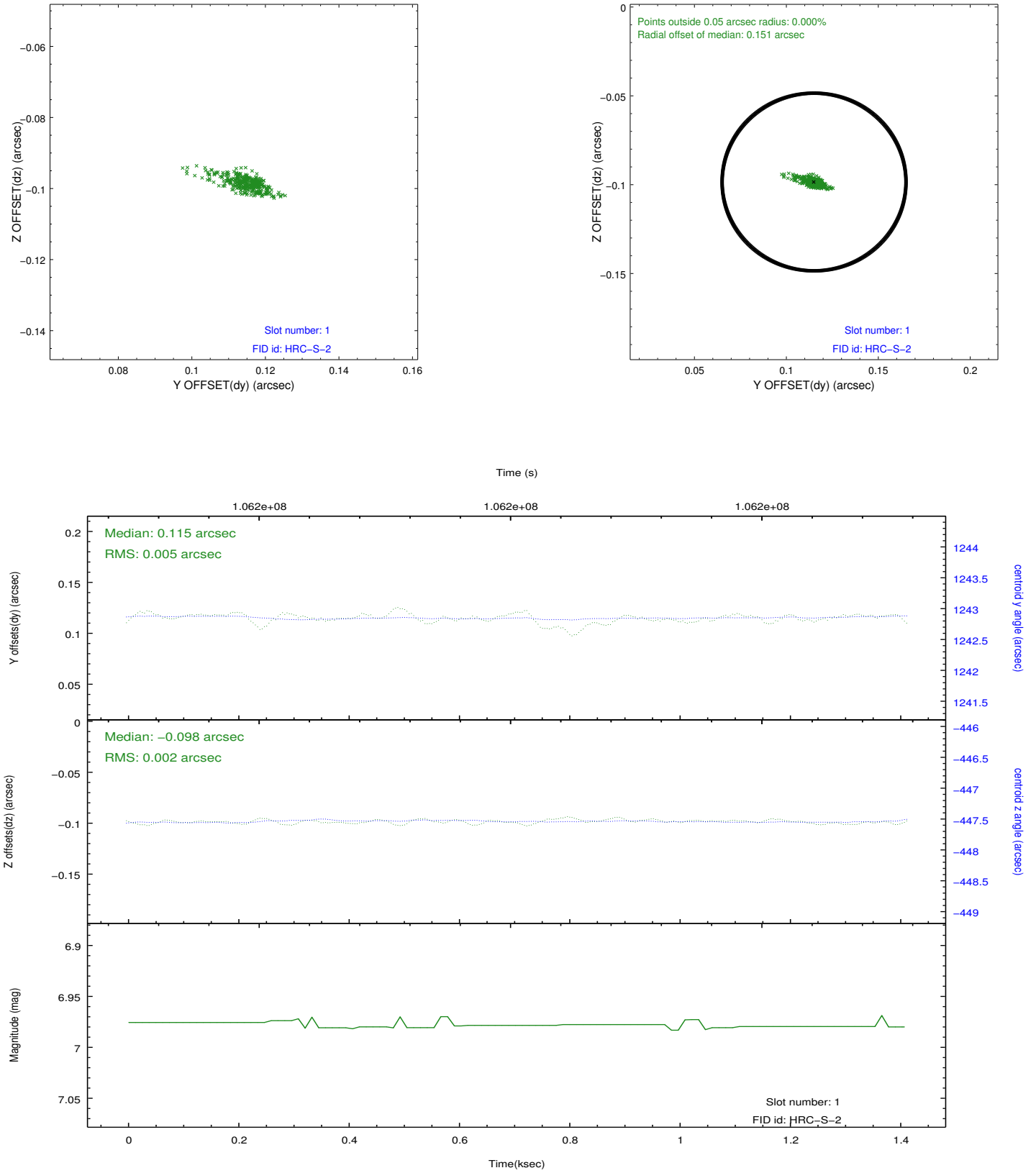


2.5 FID Slots

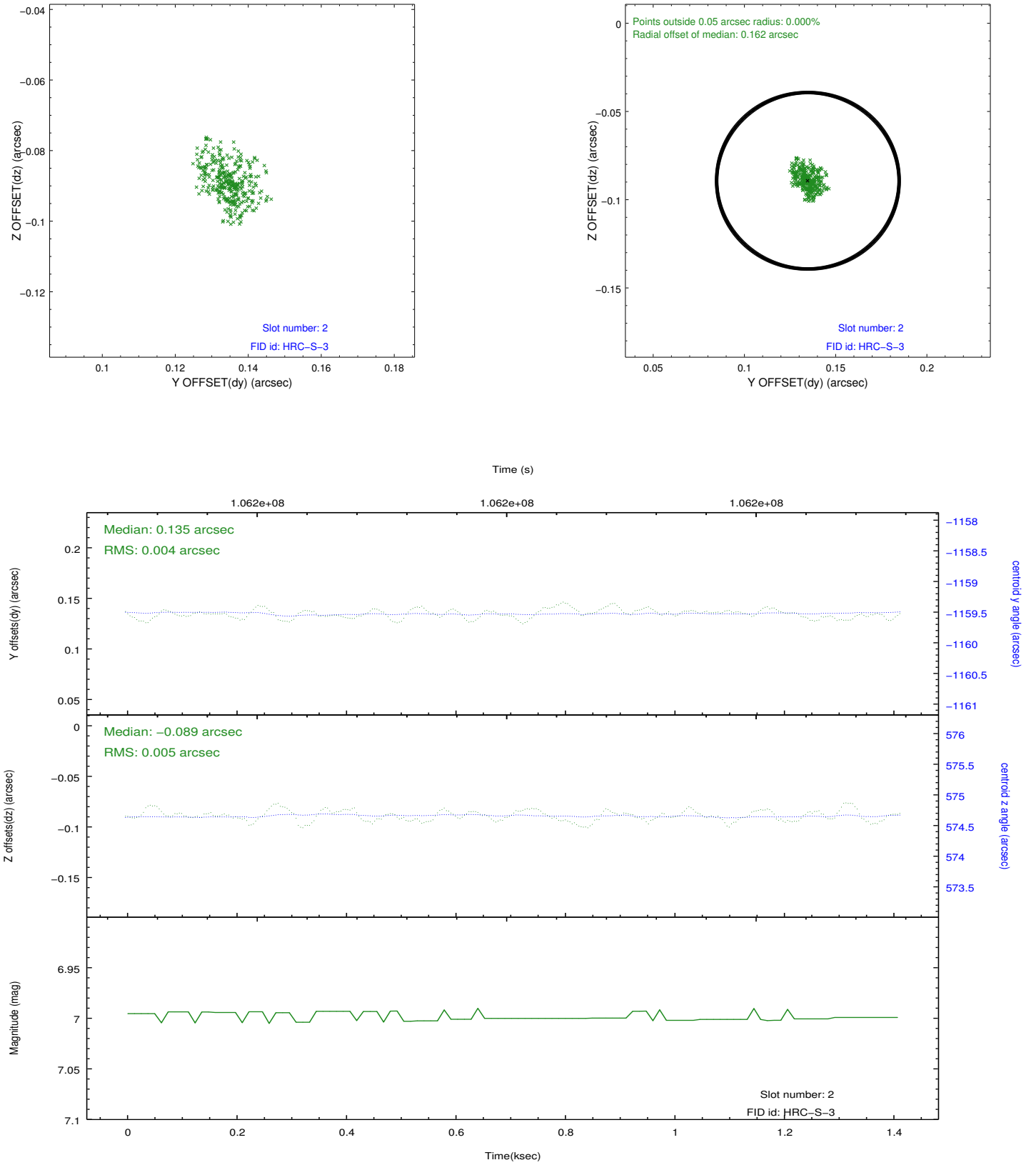
2.5.1 Slot 0



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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.41

A.2 Comments

Charge time for this observation remains at previous value of 1.41 ksec.