

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1811 - L2 Version 4
Chandra X-Ray Center

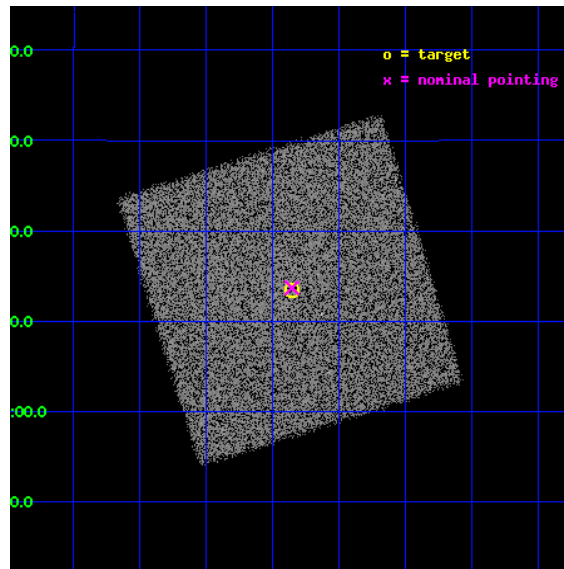
L2 Processing Date : Sep 20 2012

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1 Front

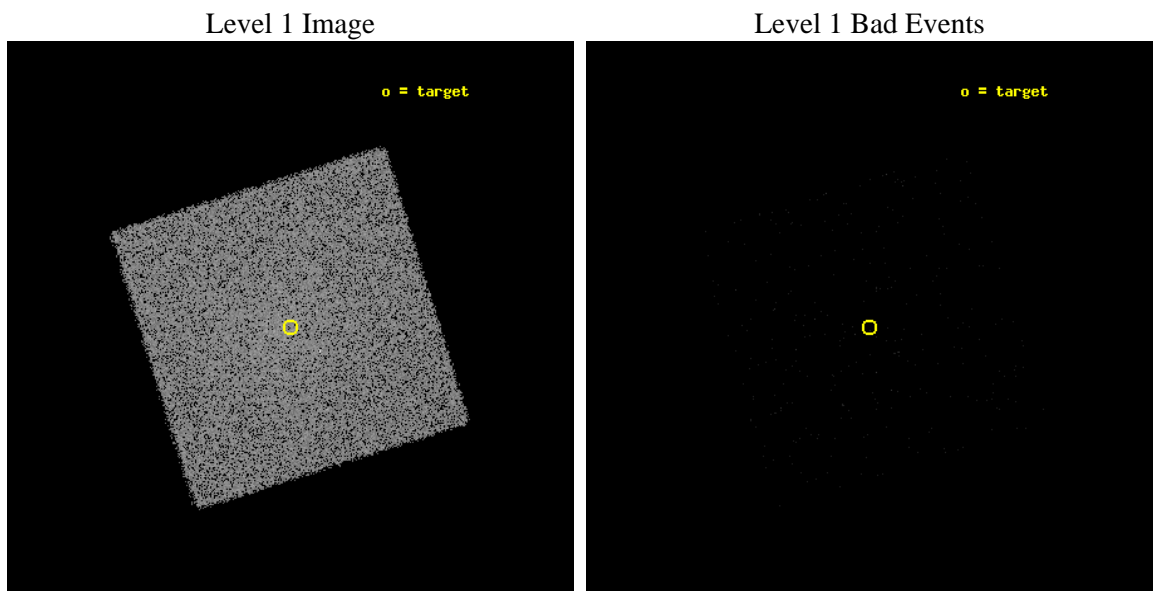
seq_num	100009	Sequence number
obs_id	1811	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	350.088983	Observer's specified target RA [deg]
dec_targ	7.224244	Observer's specified target Dec [deg]
ra_nom	350.08864535513	Nominal RA [deg]
dec_nom	7.228277010044	Nominal Dec [deg]
roll_nom	117.67568031876	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2348.5313418657	[s]
livetime	2336.3807463872	Ontime multiplied by DTCOR
l2events	62219	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	2150.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2348.5313418657	[s]
caldbver	4.5.1.1	 	l1events	104328	Number of level 1 events
date	2012-09-20T12:40:28	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

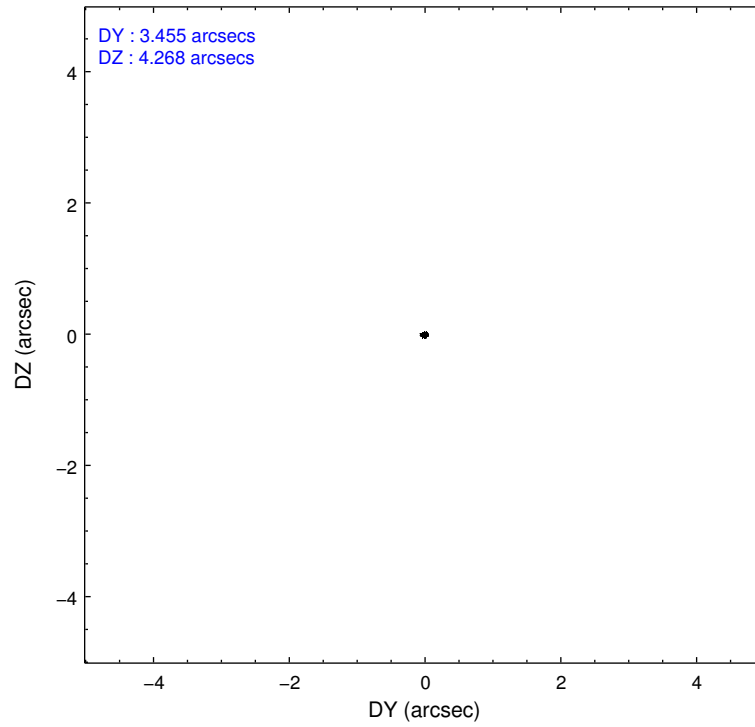
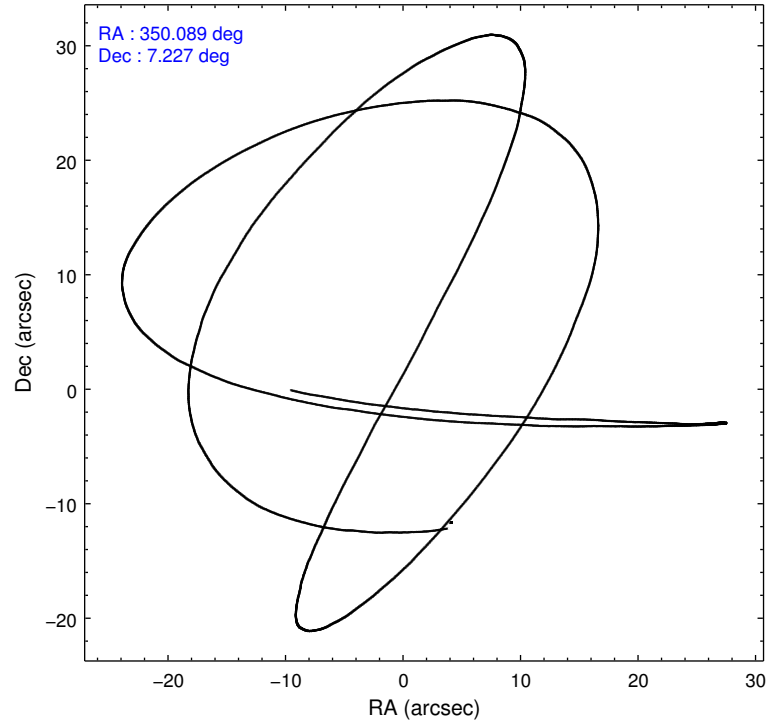
	segment 0
level 1 events	104328
rejected events	12133
rejected %	11%

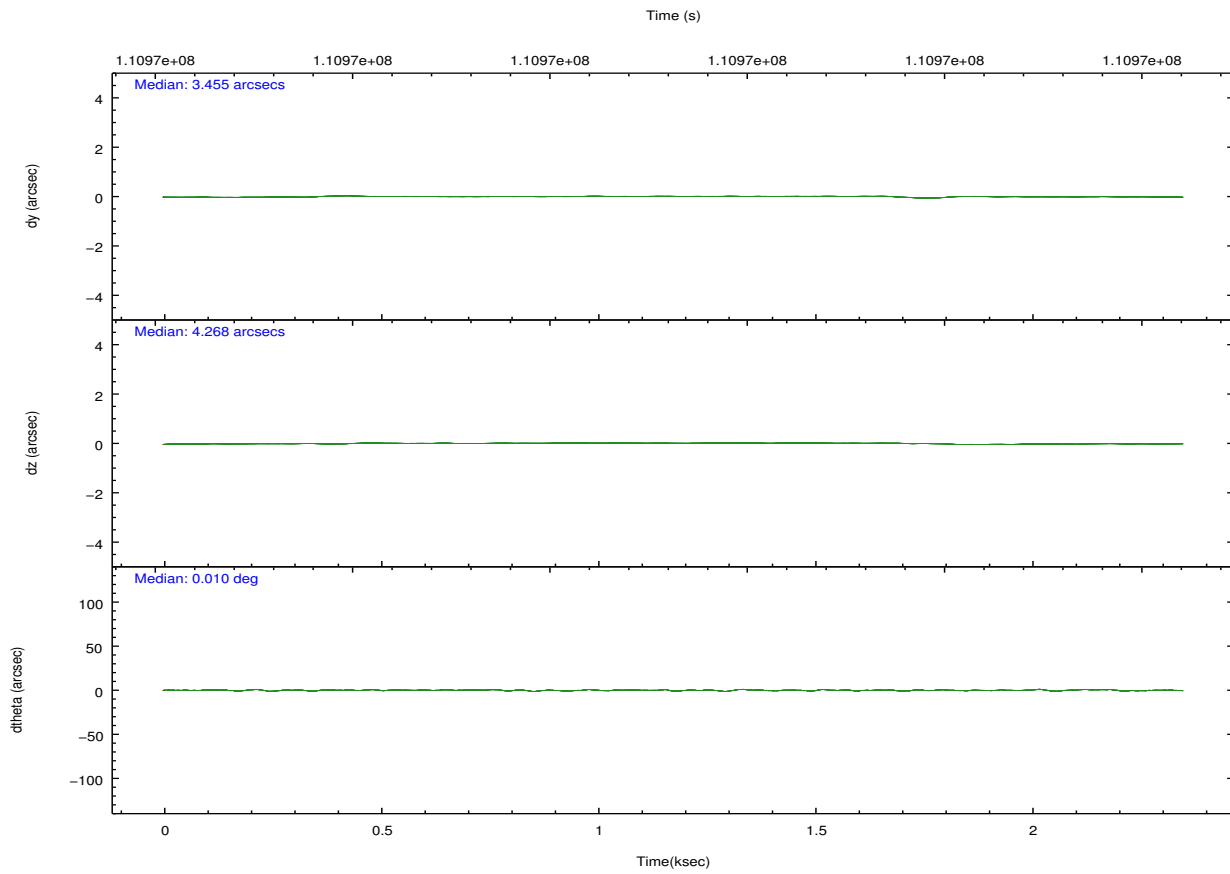
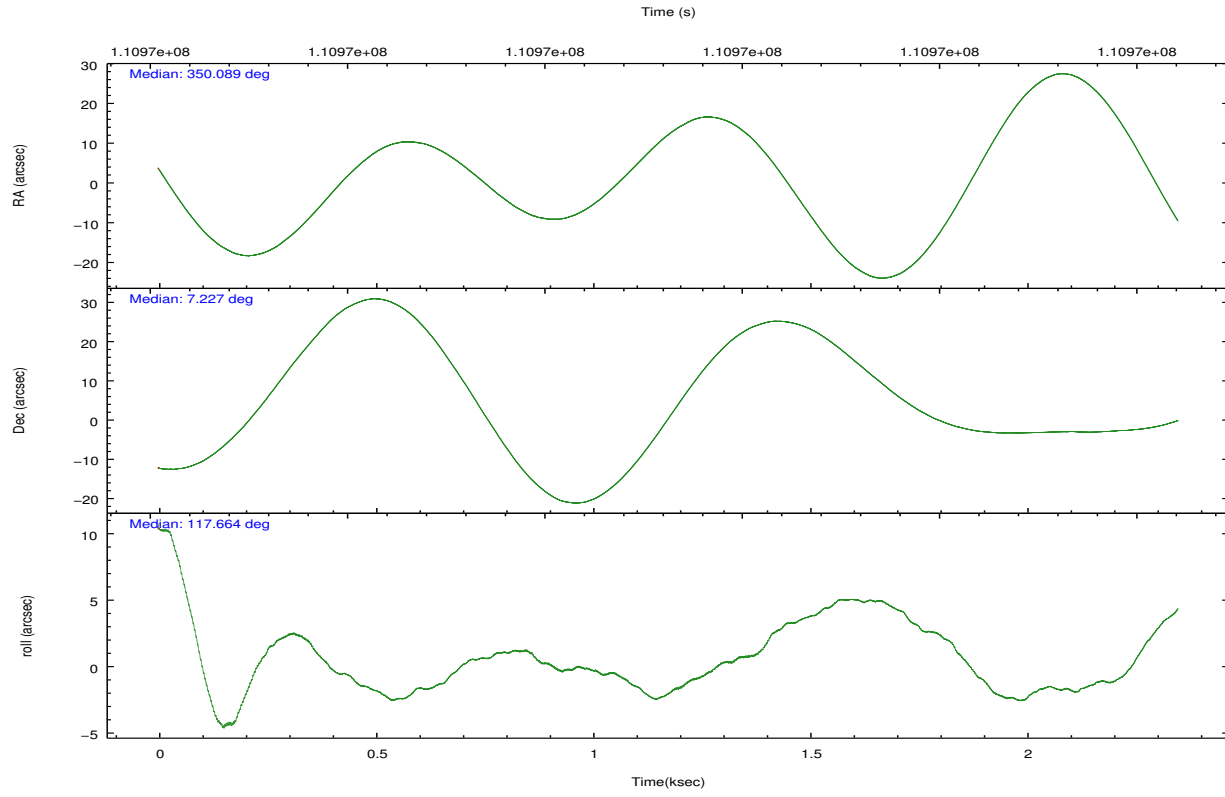
2.2 Compared Parameters

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	350.112029	350.0886453551267
[deg] Pointing Dec	7.214434	7.22827701004396
[deg] Pointing Roll	117.768232	117.6756803187641
[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)	110965837.184000	110965461.4814
Observation start date	2001-07-08T07:49:33	2001-07-08T07:44:21
[s] Observation end time (MET)	110967987.184000	110968120.844
Observation end date	2001-07-08T08:25:23	2001-07-08T08:28:40

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

2.3 Aspect



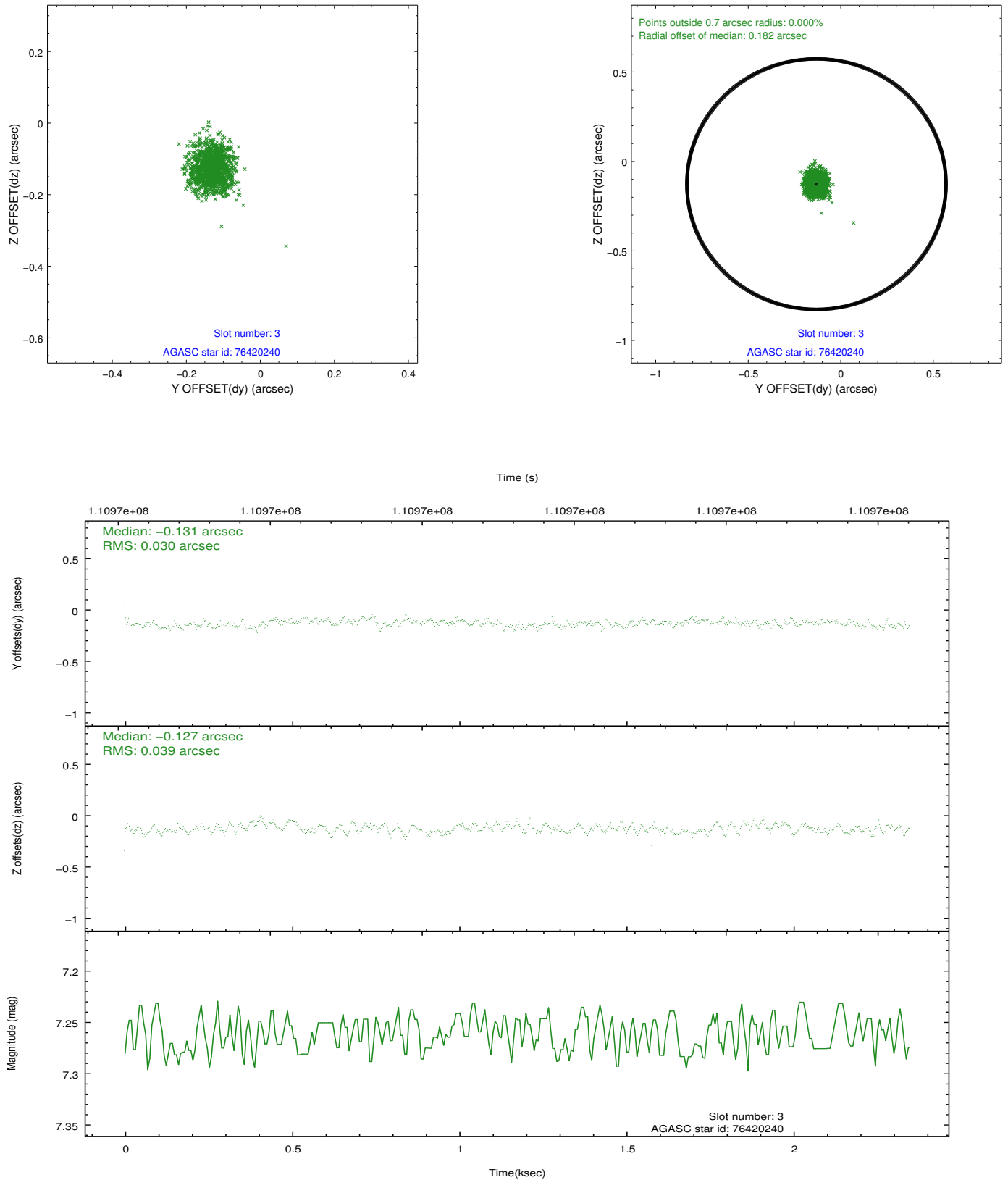


Slot Statistics

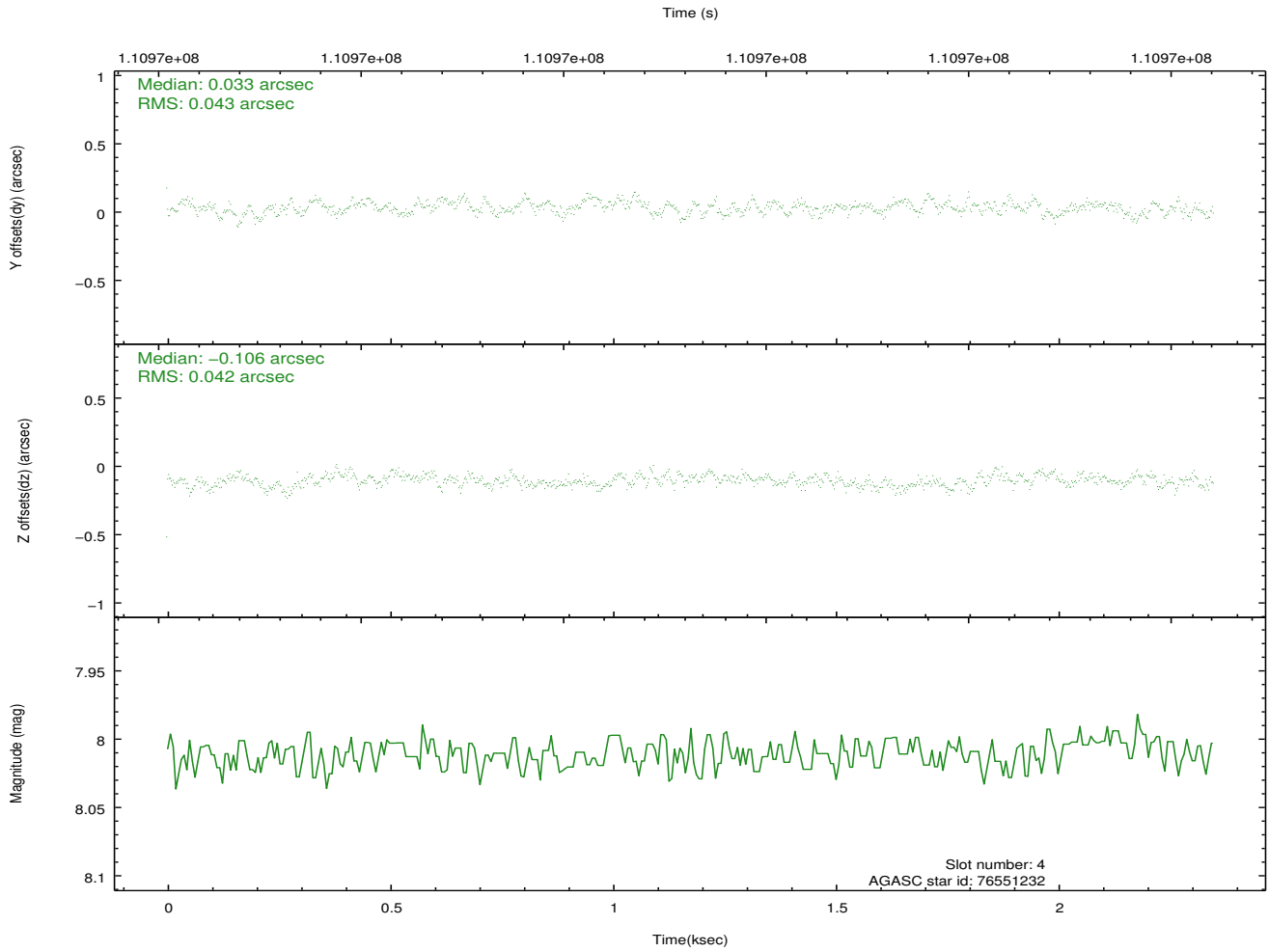
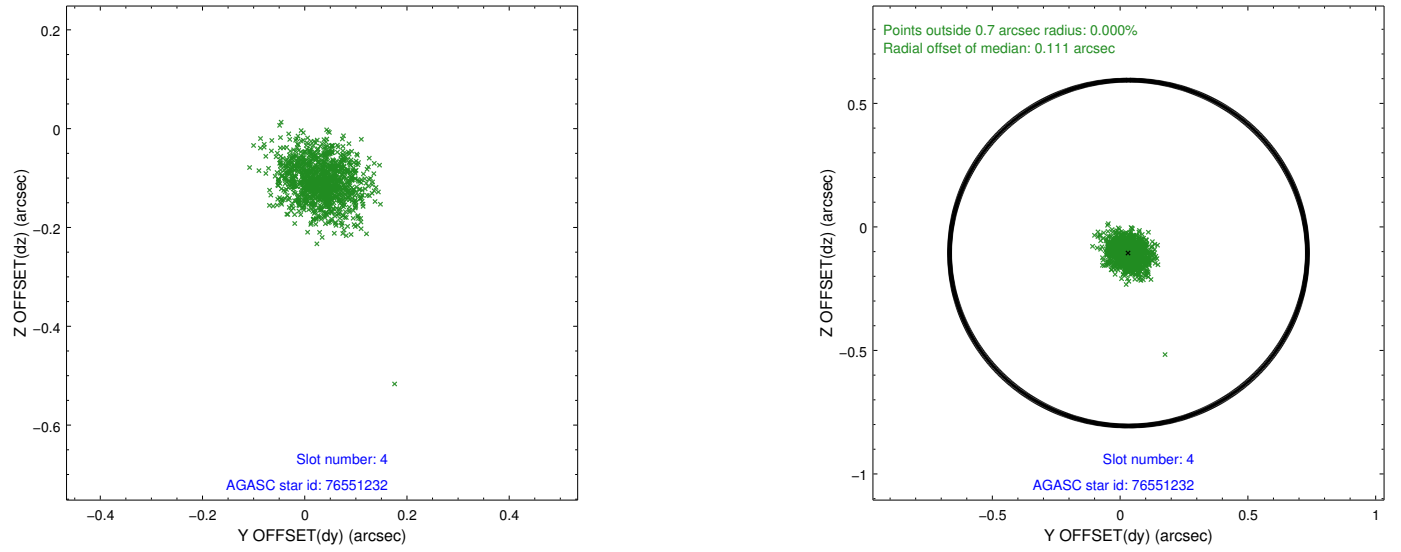
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	574	0.059	0.065	0.006	0.010	0.000000	0.000000	-758.90	-1291.95
1	FID	HRC-I-3	7.08	574	0.003	-0.087	0.007	0.011	0.000000	0.000000	-1188.73	1010.22
2	FID	HRC-I-4	7.02	574	0.052	-0.067	0.005	0.009	0.000000	0.000000	1281.85	1011.81
3	GUIDE	76420240	7.26	1147	-0.131	-0.127	0.052	0.081	349.834746	7.214951	463.33	875.06
4	GUIDE	76551232	8.01	1147	0.033	-0.106	0.063	0.101	350.076046	6.872411	-1028.77	687.88
5	GUIDE	152314144	8.25	1147	-0.127	0.221	0.060	0.095	350.482166	7.593054	590.93	-1803.14
6	GUIDE	76425640	9.31	1147	0.141	-0.092	0.090	0.144	349.927625	6.651298	-1485.77	1525.88
7	GUIDE	76548368	9.38	1146	0.080	0.102	0.096	0.159	350.463418	7.237988	-509.80	-1148.87

2.4 Star Slots

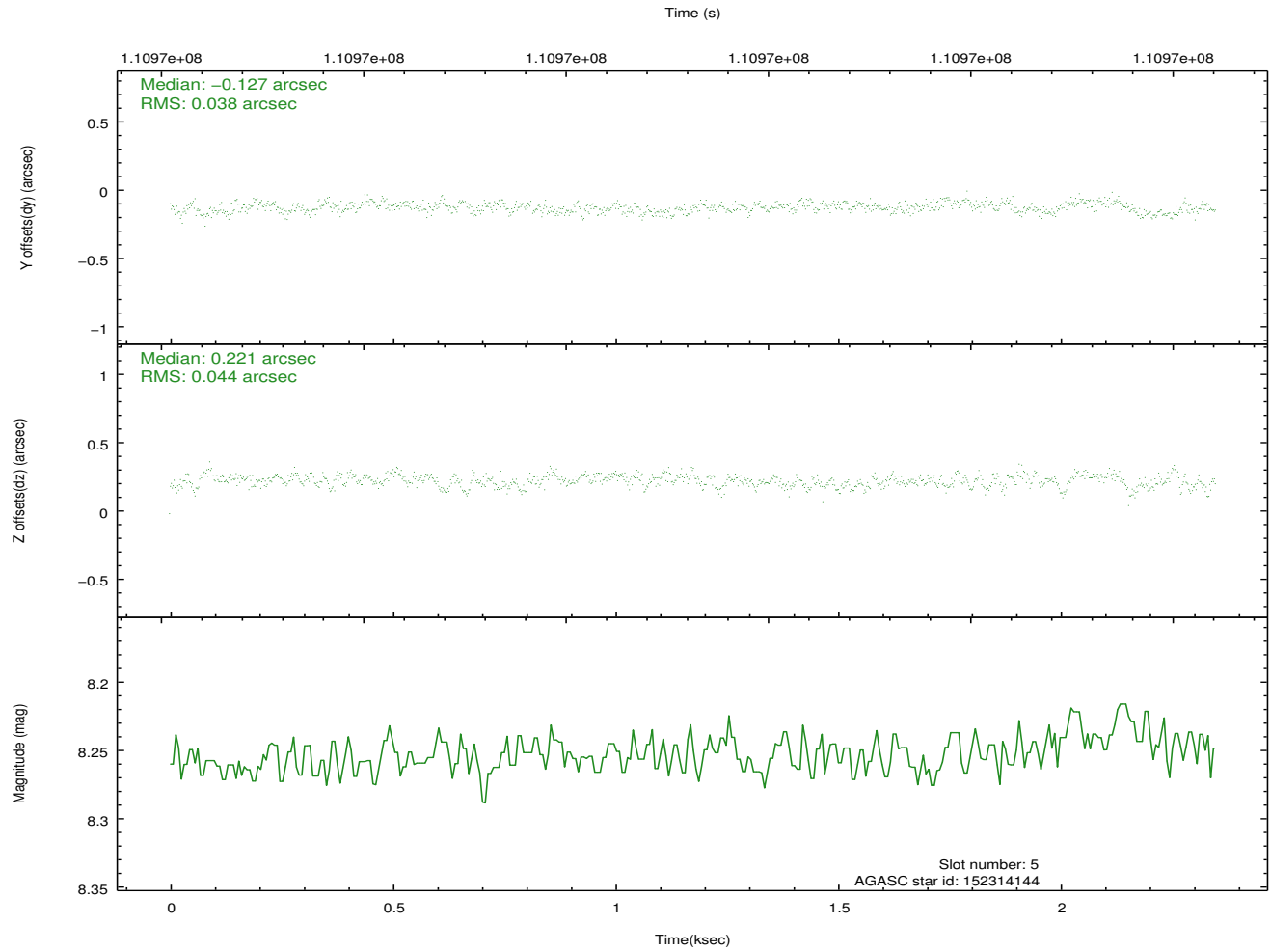
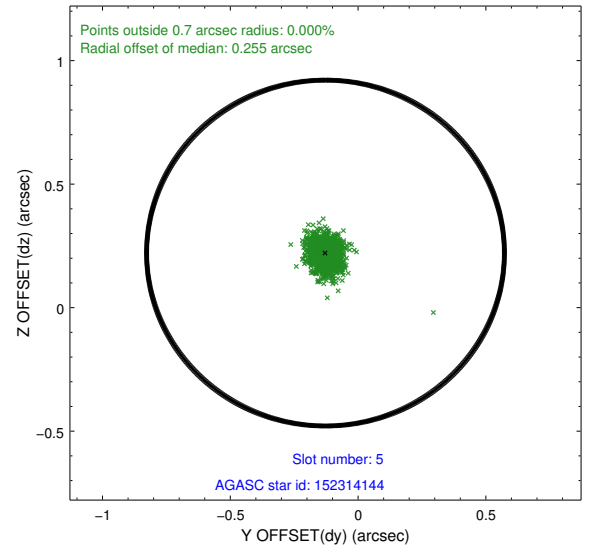
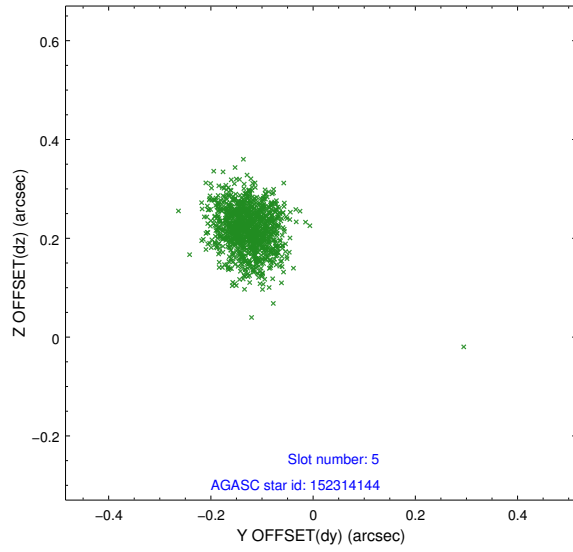
2.4.1 Slot 3



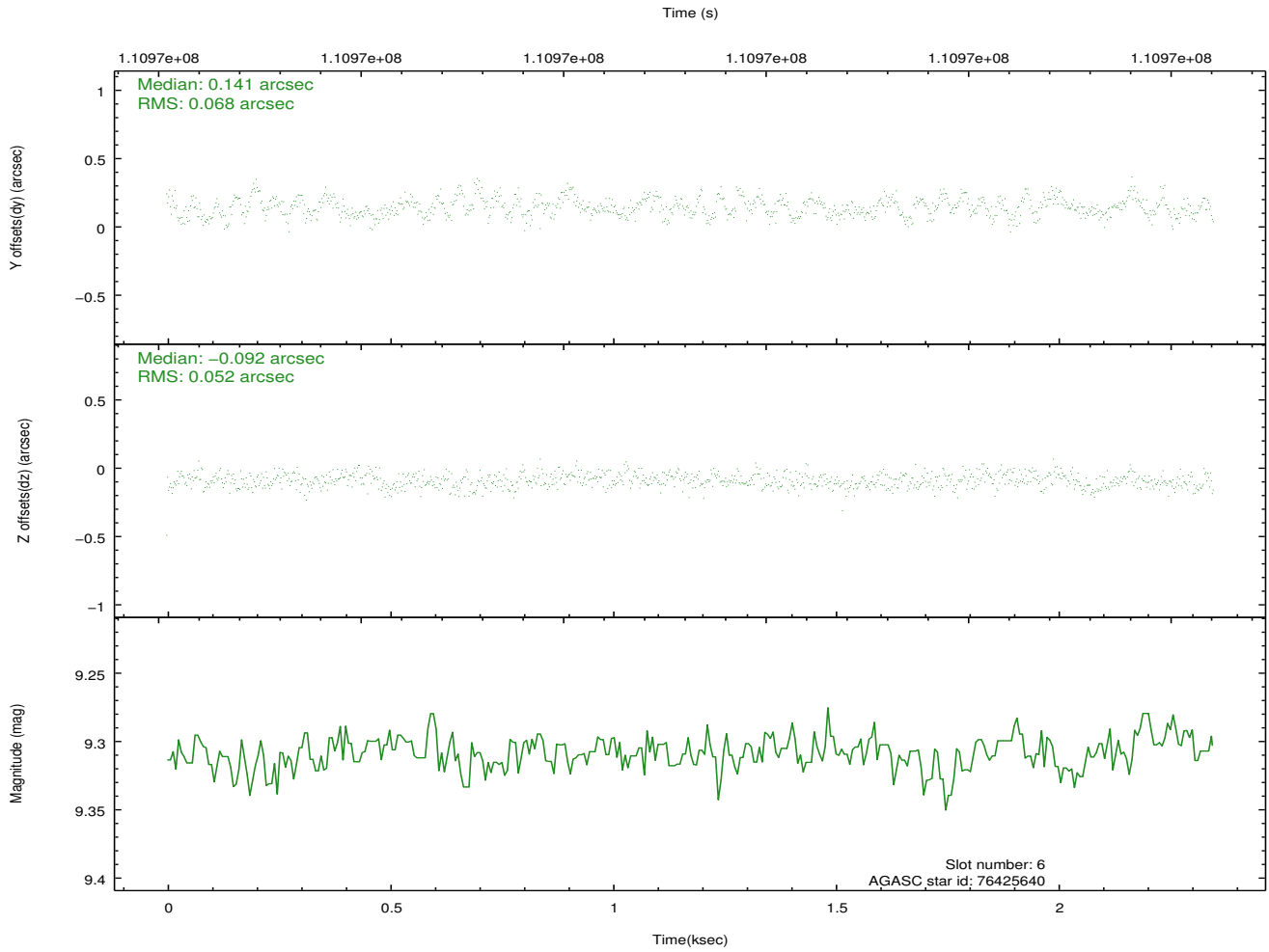
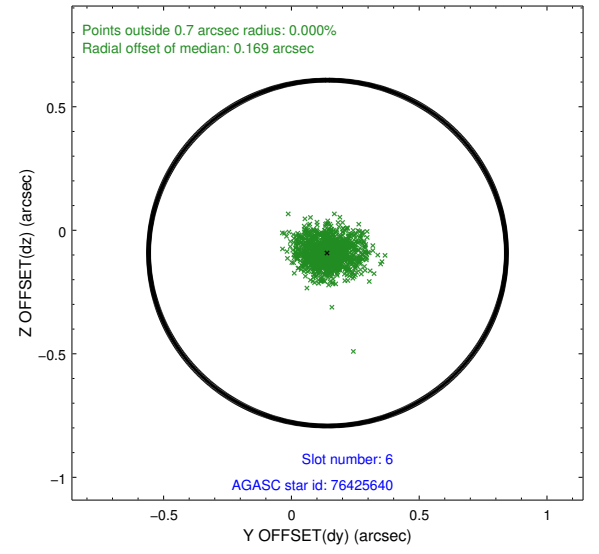
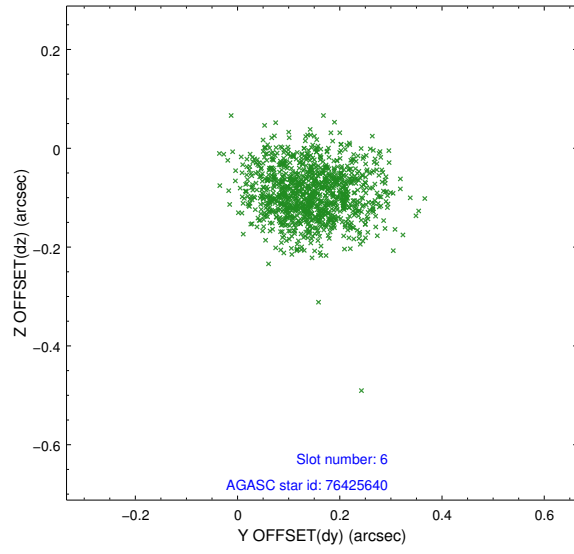
2.4.2 Slot 4



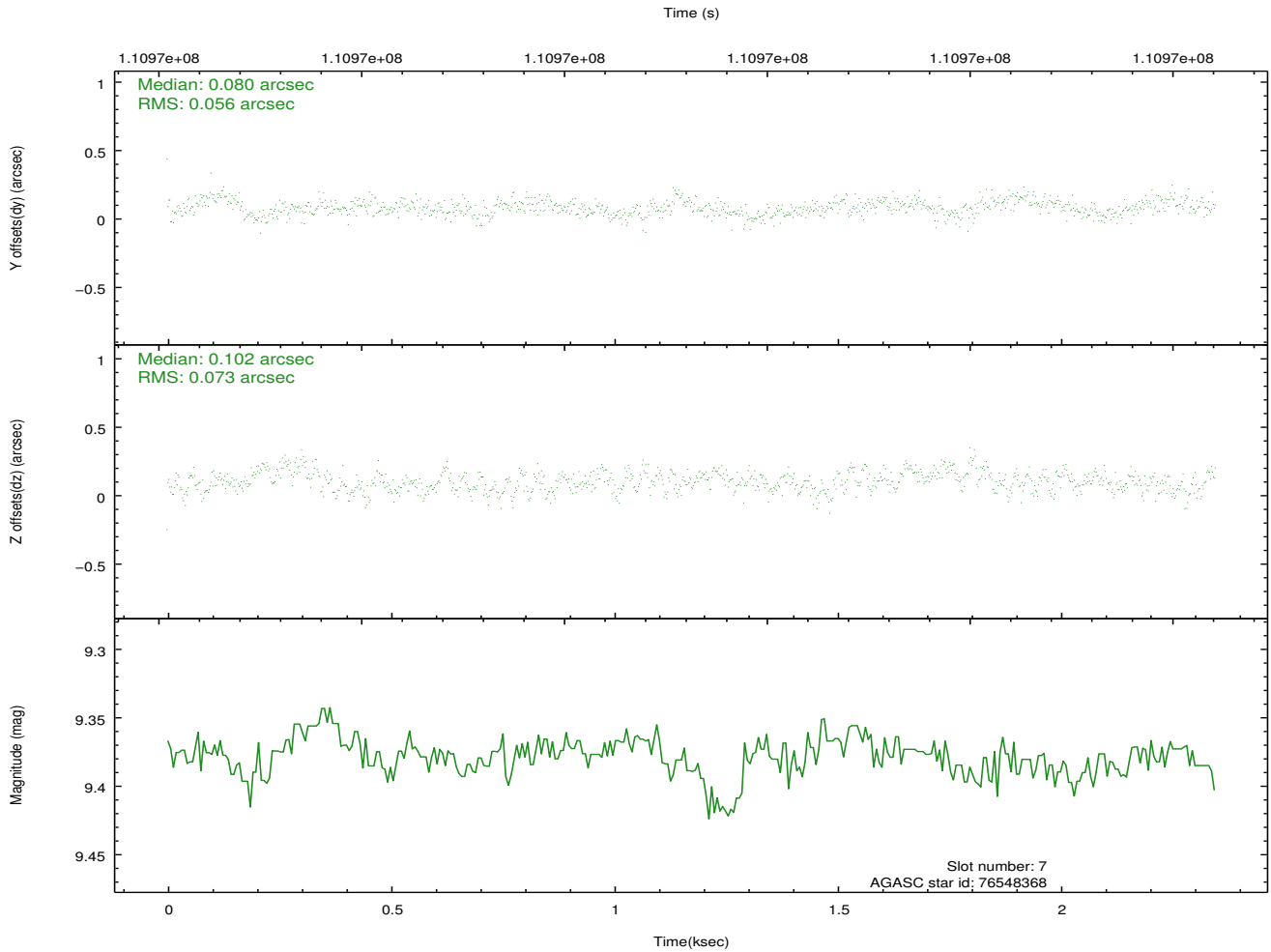
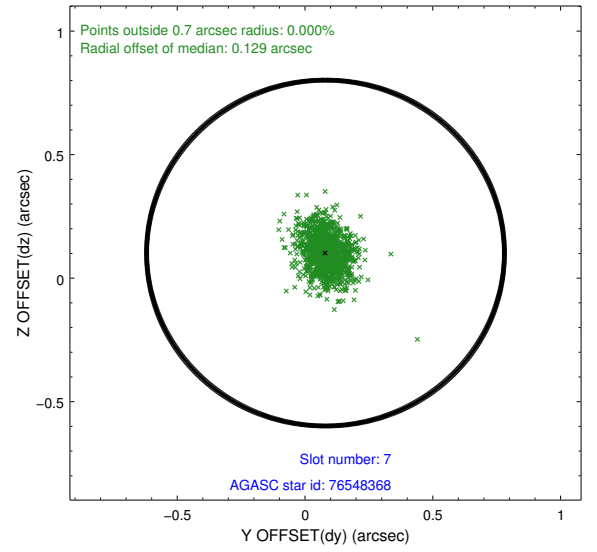
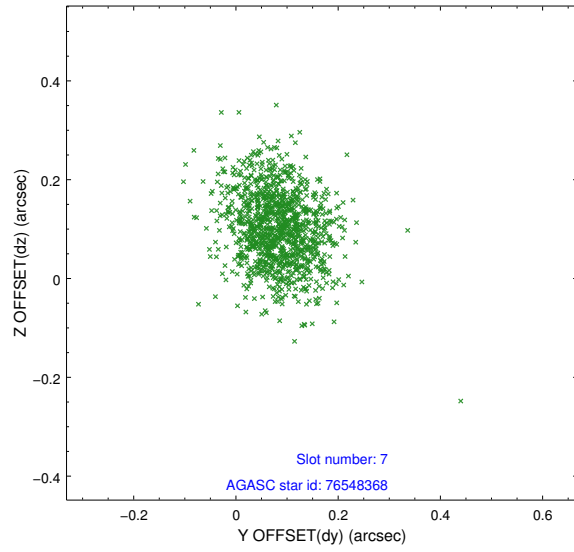
2.4.3 Slot 5



2.4.4 Slot 6

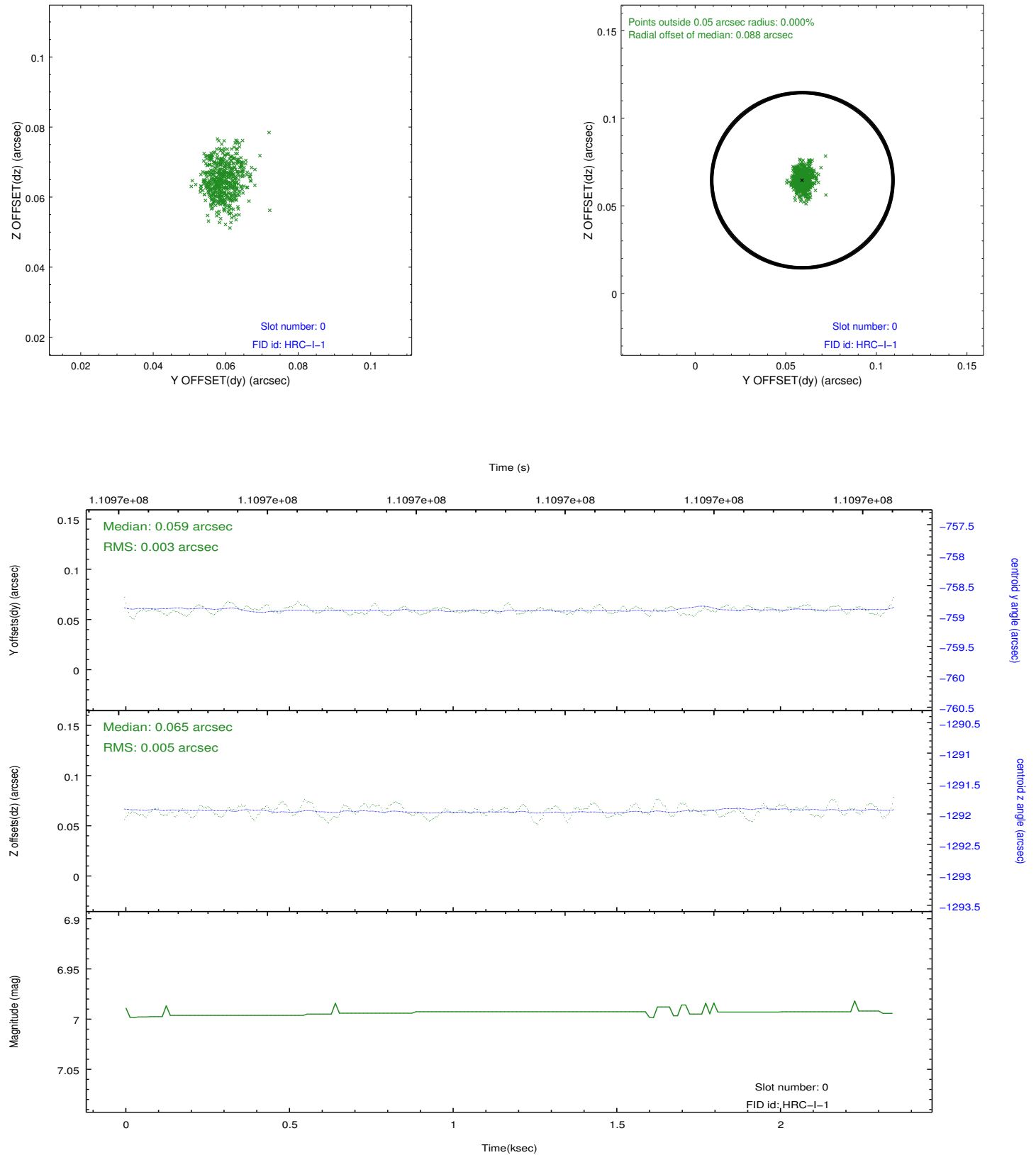


2.4.5 Slot 7

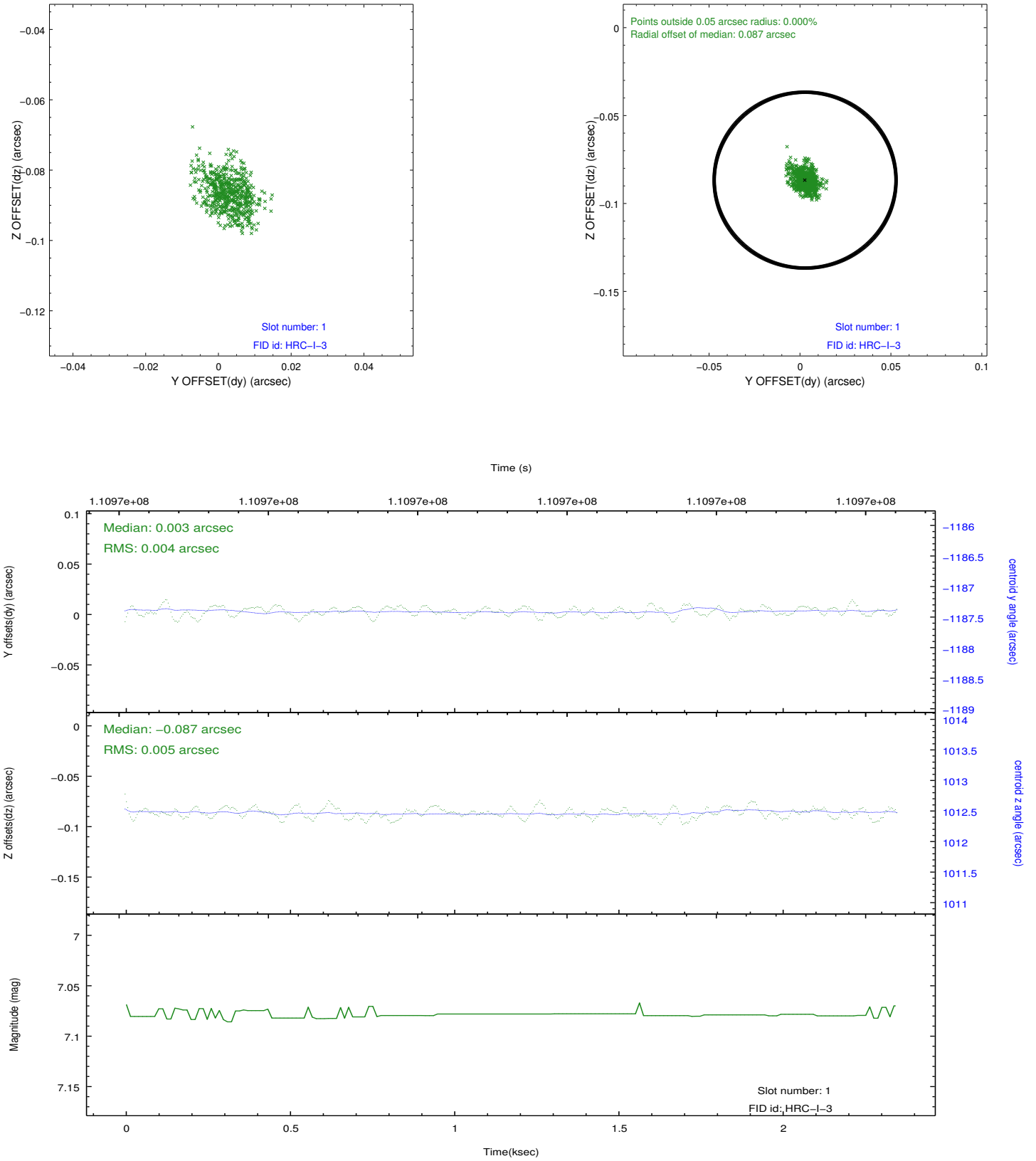


2.5 FID Slots

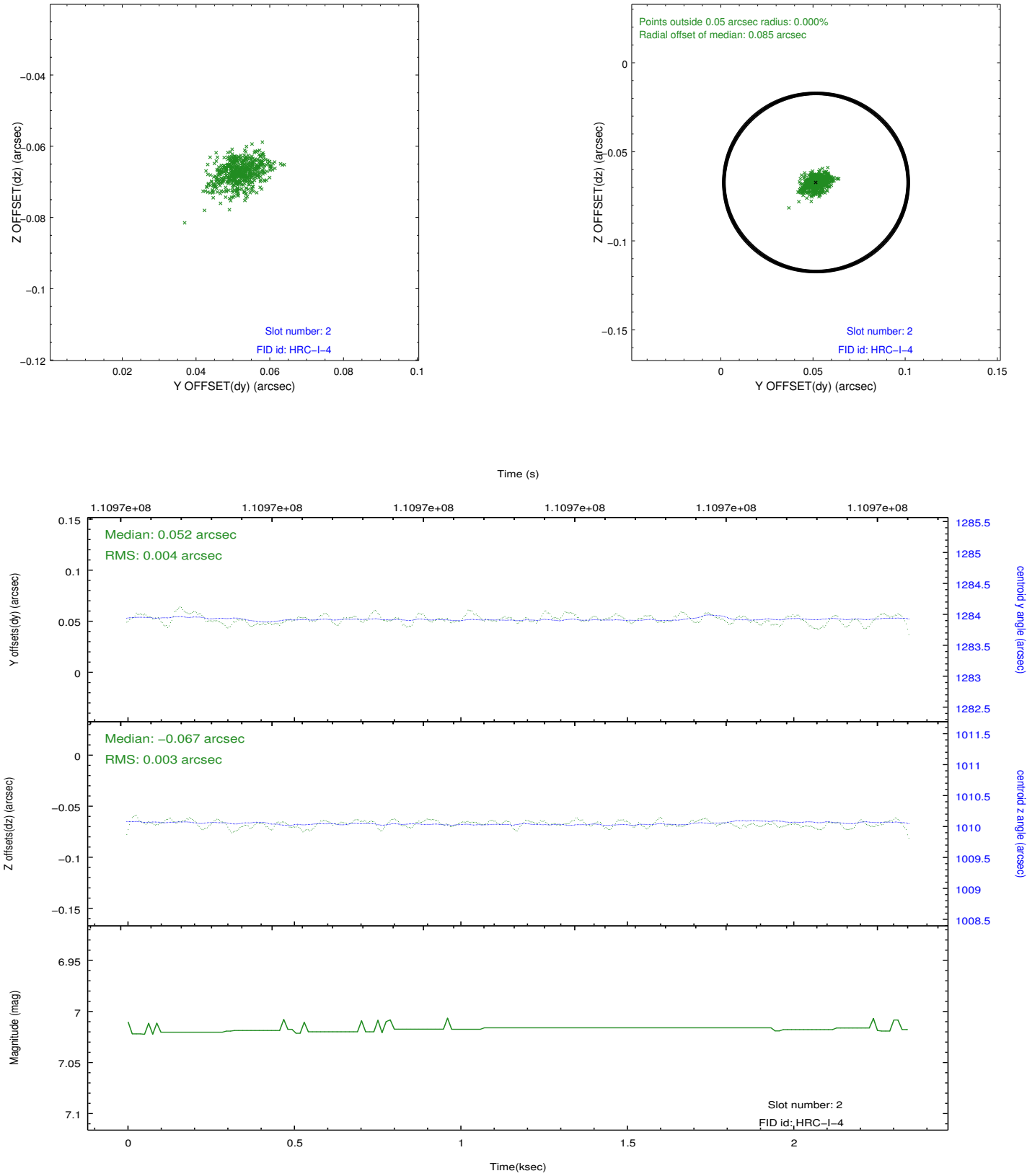
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.346

A.2 Comments

Charge time for this observation remains at previous value of 2.346 ksec.