V&V Summary Report
L2 ASCDS Version : 10.6

Observation 20793 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 23 2017

See axaff20793N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.08841950798

Comments

```
Roll constraint met.
WARNING: there are no standard ciao tools for analysis of grating
spectra from extended sources. The shape of an emission 'line' will be
the shape of the zero order spatial structure convolved with the
instrumental LSF. Grating extractions can be used, but need to be
combined with custom spatial-spectral analysis, since wavelength is
multi-valued at any particular diffraction angle.
WARNING: Zeroth order selected by pipeline tools is well-centered in the
supernova remnant but is not at the position(s) of brightest emission.
The user may want to select a region or source of interest, then use
software tools such as CIAO to specify the coordinates of the zeroth
order source of interest before running the tools to resolve the
dispersed events.
```

seq_num	502939	Sequence number
obs_id	20793	Observation id
title	Chandra Cycle 18 Spatial and Spectral Monitoring of SN 1987A	Propo
observer	David Burrows	Principal investigator
object	SNR 1987A	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.84442008539	Nominal RA [deg]
dec_nom	-69.268864345807	Nominal Dec [deg]
roll_nom	84.635821873242	Nominal Roll [deg]
revision	1	Processing version of data
ontime	50088.41950798	Sum of GTIs [s]
livetime	48286.879915497	Livetime [s]
ontime4	50088.460547924	Sum of GTIs [s]
ontime5	50088.378467917	Sum of GTIs [s]
ontime6	50088.337427974	Sum of GTIs [s]
ontime7	50088.41950798	Sum of GTIs [s]
ontime8	50088.296387911	Sum of GTIs [s]
ontime9	50088.255347967	Sum of GTIs [s]
l2events	153132	Number of level 2 events