NIMS SSI Ride-Along Observations

NIMS rode along behind the SSI dayside observations that spanned the time range from just after Venus Closest Approach (VCA) to 7 days after VCA in which the NIMS resolution increased from 18.9 km/Nimsel to 1881 km/Nimsel. There were 39 dayside observations in total in which NIMS was in Long Map mode and in different gain states. The table on the following page lists the dayside observations along with the NIMS gain state, Km per Nimsel, sub-spacecraft point and timing. These SSI ride-along observations are also listed in the NIMS Obstab in Chapter 4.

The first two observations, VLMB01 and VLMB02, were dayside limb observations taken at each of five positions along the limb from the north pole to the equator (VLMB01) in start/stop mosaics (SMOS) with the equator observation repeated 2 hours later (VLMB02). SSI took two images at each position with a duration of just over 1 minute per location.

The next 19 observations, VFT201 - VFT219, were dayside two-frame strips crossing the disk from east to west just north of the equator using a start/stop mosaic (SMOS). Samples were taken with 10, 30 and 90 minute separations for the first 10 observations and at 30 minute intervals for the last 9 observations.

The next 5 observations, VFT101 - VFT105, were dayside single frame observations centered just north of the equator using a start/stop mosaic (SMOS). Samples were taken at 2 minute intervals.

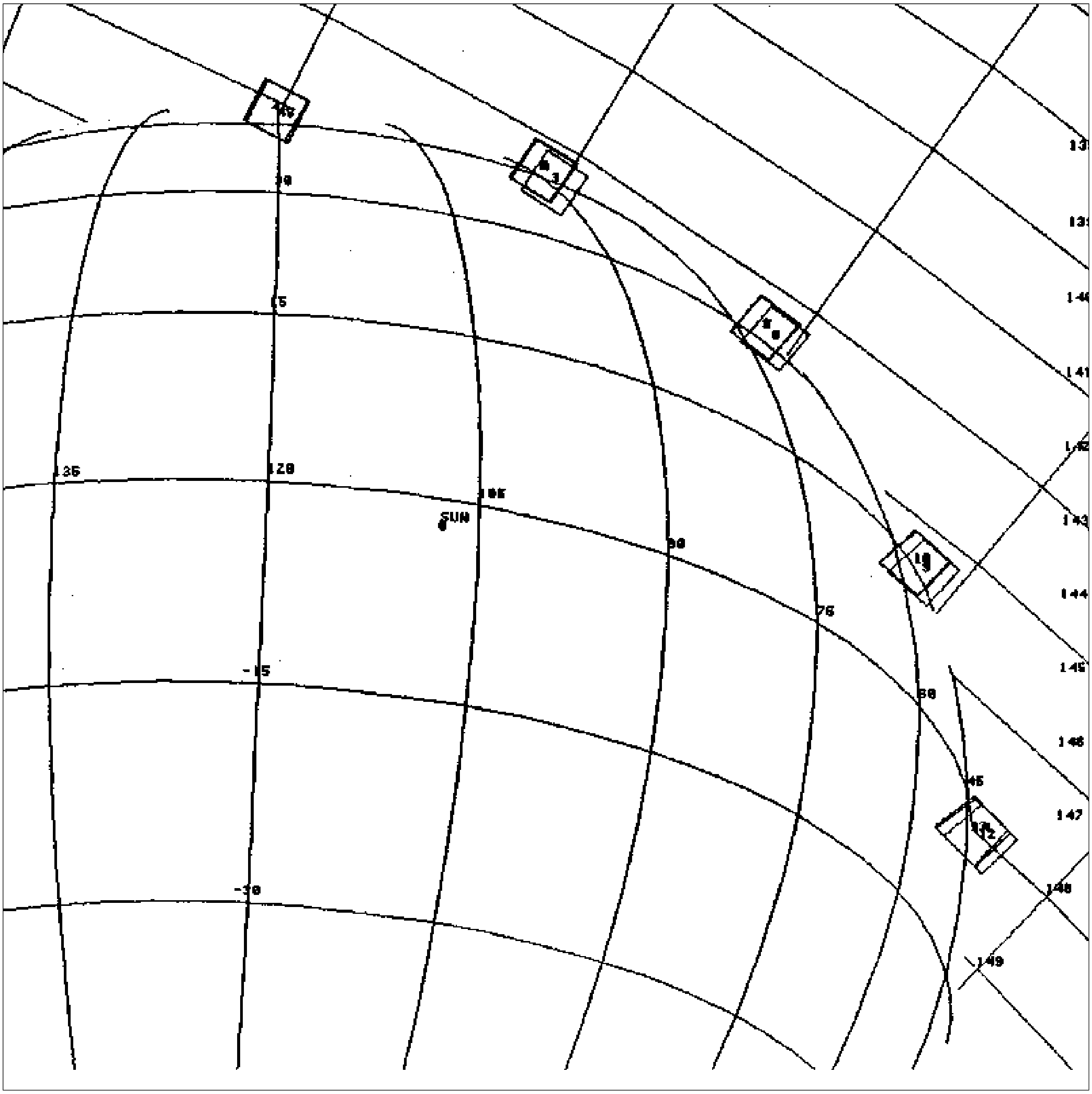
The observation VLTNG02, which occured in the middle of the preceeding set of observations, was a set of ten frames centered over the dark crescent of the disk in which SSI whould search for lightning. with a short duration of 14 seconds. NIMS is observing dark sky here.

The last 12 observations, VGLI01 - VGL10, were dayside single full-disk frame observations using the start/stop mosaic (SMOS). The first 4 observations occurred at VCA+3 days, the next 2 at VCA+4 days, the next 2 at VCA+5 days, the next 2 at VCA+6 days and the last 2 at VCA+7 days.

RIDE-ALONG SCIENCE ACTIVITIES

All ride-along activities are in Long Map, SSI start/stop mosaics.
NIMS gain state is set up at the beginning of each day's observations.

Page	OAPEL Name	Gain state	Km per Nimsel	Sub-spacecraft Lat	Sub-spacecraft W. Lon.	Record Start Time	Record End Time
16	VLMB01	1	18.9	27.1 S	151.7	90-041/07:37:54	90-041/07:38:52
16	VLMB01	1	19.3	26.7 S	152.3	90-041/07:39:25	90-041/07:40:23
16	VLMB01	1	19.5	26.5 S	152.6	90-041/07:40:56	90-041/07:41:54
16	VLMB01	1	19.8	26.1 S	153.1	90-041/07:42:27	90-041/07:43:25
16	VLMB01	1	20.0	26.0 S	153.4	90-041/07:43:59	90-041/07:44:56
17	VLMB02	1	41.5	14.9 S	167.7	90-041/09:37:13	90-041/09:38:11
18	VFT201	1	286	4.3 S	177.8	90-042/07:13:24	90-042/07:14:26
19	VFT202	1	288	4.3 S	177.8	90-042/07:23:34	90-042/07:24:32
20	VFT203	1	294	4.3 S	177.8	90-042/07:53:54	90-042/07:54:52
21	VFT204	1	309	4.1 S	177.9	90-042/09:13:47	90-042/09:14:45
22	VFT205	1	311	4.1 S	177.9	90-042/09:23:53	90-042/09:24:52
23	VFT206	1	317	4.1 S	177.9	90-042/09:53:13	90-042/09:54:11
24	VFT207	1	332	4.0 S	177.9	90-042/11:13:06	90-042/11:14:03
25	VFT208	1	334	4.0 S	177.9	90-042/11:23:12	90-042/11:24:10
26	VFT209	1	339	4.0 S	177.9	90-042/11:53:32	90-042/11:53:49
27	VFT210	1	354	3.9 S	177.9	90-042/13:13:25	90-042/13:14:23
28	VFT211	1	360	3.9 S	177.9	90-042/13:43:45	90-042/13:44:43
29	VFT212	1	377	3.8 S	177.8	90-042/15:13:44	90-042/15:14:42
30	VFT213	1	382	3.8 S	177.8	90-042/15:43:04	90-042/15:44:02
31	VFT214	1	399	3.7 S	177.8	90-042/17:13:03	90-042/17:14:01
32	VFT215	1	405	3.7 S	177.8	90-042/17:43:23	90-042/17:44:21
33	VFT216	1	422	3.7 S	177.8	90-042/19:13:22	90-042/19:14:20
34	VFT217	1	427	3.6 S	177.7	90-042/21:43:42	90-042/19:44:40
35	VFT218	1	444	3.6 S	177.7	90-042/21:13:41	90-042/21:14:40
36	VFT219	1	450	3.6 S	177.7	90-042/21:44:02	90-042/21:45:00
37	VFT101	2	542	3.4 S	177.4	90-043/05:58:28	90-043/05:58:56
38	VLTNG02	2	545	3.3 S	177.3	90-043/06:13:35	90-043/06:13:49
39	VFT102	2	564	3.3 S	177.3	90-043/07:58:47	90-043/07:59:14
40	VFT103	2	587	3.3 S	177.2	90-043/09:58:05	90-043/09:58:33
41	VFT104	2	609	3.2 S	177.1	90-043/11:58:25	90-043/11:58:53
42	VFT105	2	631	3.2 S	177.0	90-043/13:57:43	90-043/13:58:11
43	VGLI01	3	810	3.0 S	176.2	90-044/05:58:17	90-044/05:59:15
44	VGLI02	3	832	3.0 S	176.1	90-044/07:58:36	90-044/07:59:34
45	VGLIR03	3	854	3.0 S	176.0	90-044/10:00:57	90-044/10:01:55
46	VGLIR04	3	877	3.0 S	175.9	90-044/12:00:14	90-044/12:01:13
47	VGL03	4	1076	2.8 S	174.9	90-045/05:28:05	90-045/05:29:15
48	VGL04	4	1095	2.8 S	174.7	90-045/07:28:05	90-045/07:28:33
49	VGL05	1	1335	2.7 S	173.4	90-046/04:58:16	90-046/04:58:44
50	VGL06	1	1357	2.7 S	173.3	90-046/06:58:35	90-046/06:59:03
51	VGL07	2	1597	2.7 S	171.7	90-047/04:28:46	90-047/04:29:13
52	VGL08	2	1619	2.7 S	171.8	90-047/06:28:05	90-047/06:28:32
53	VGL09	3	1860	2.6 S	170.4	90-048/03:58:15	90-048/03:58:43
54	VGL10	3	1881	2.6 S	170.3	90-048/05:58:35	90-048/05:59:00



VLMB01 : Venus Limb, SSI Ride-Along

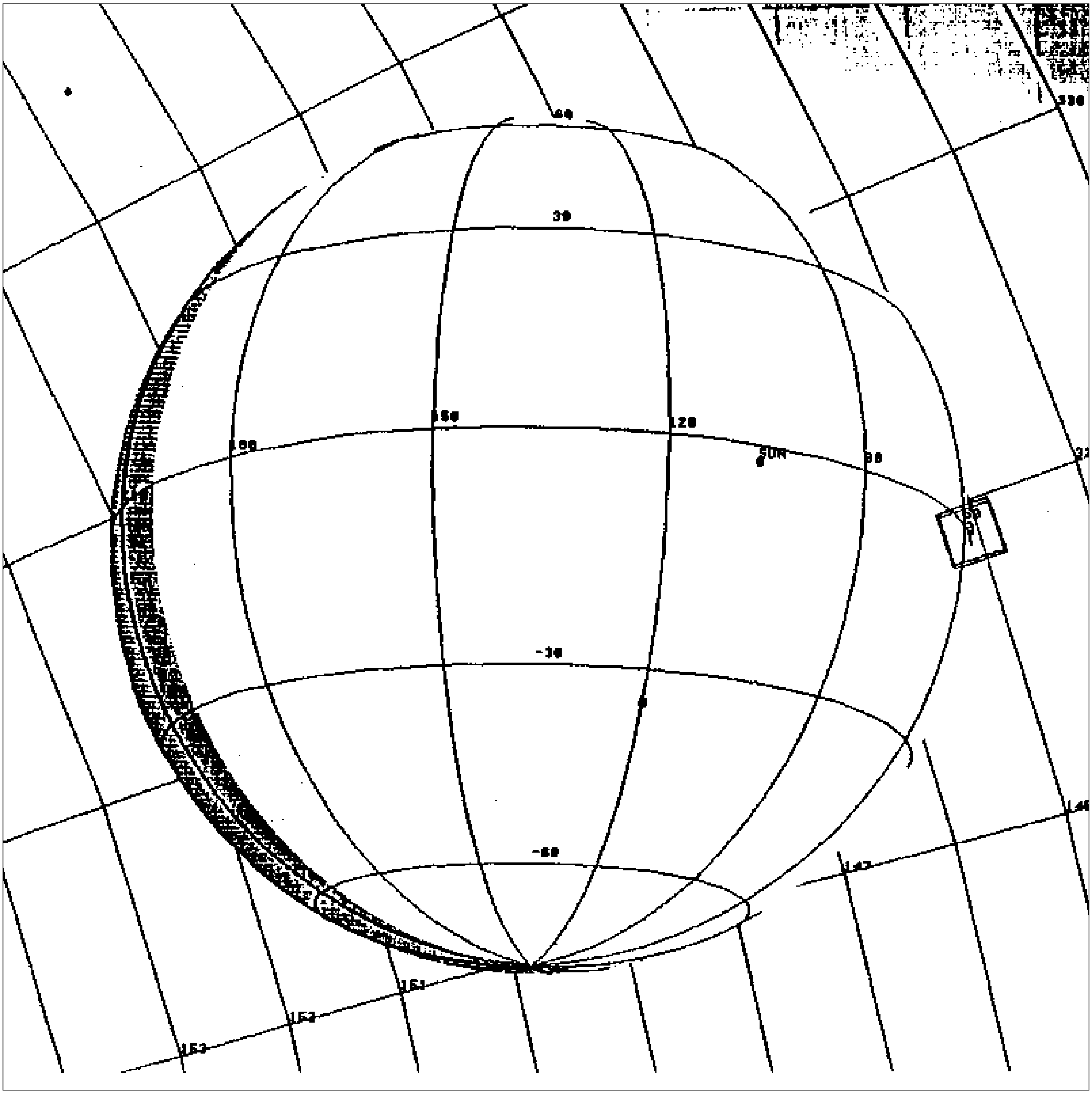
CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VLMB01

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4
408 Wavelengths
5 SSI Footprints

Slew Rate: xxx mrad/sec,   SMOS Scan
Plot Ref Time: Start of Mosaic
Lat, Lon, Range, Res, Phase: (27., 152., xxx, 19., xxx)



VLMB02 : Venus Limb, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VLMB02

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

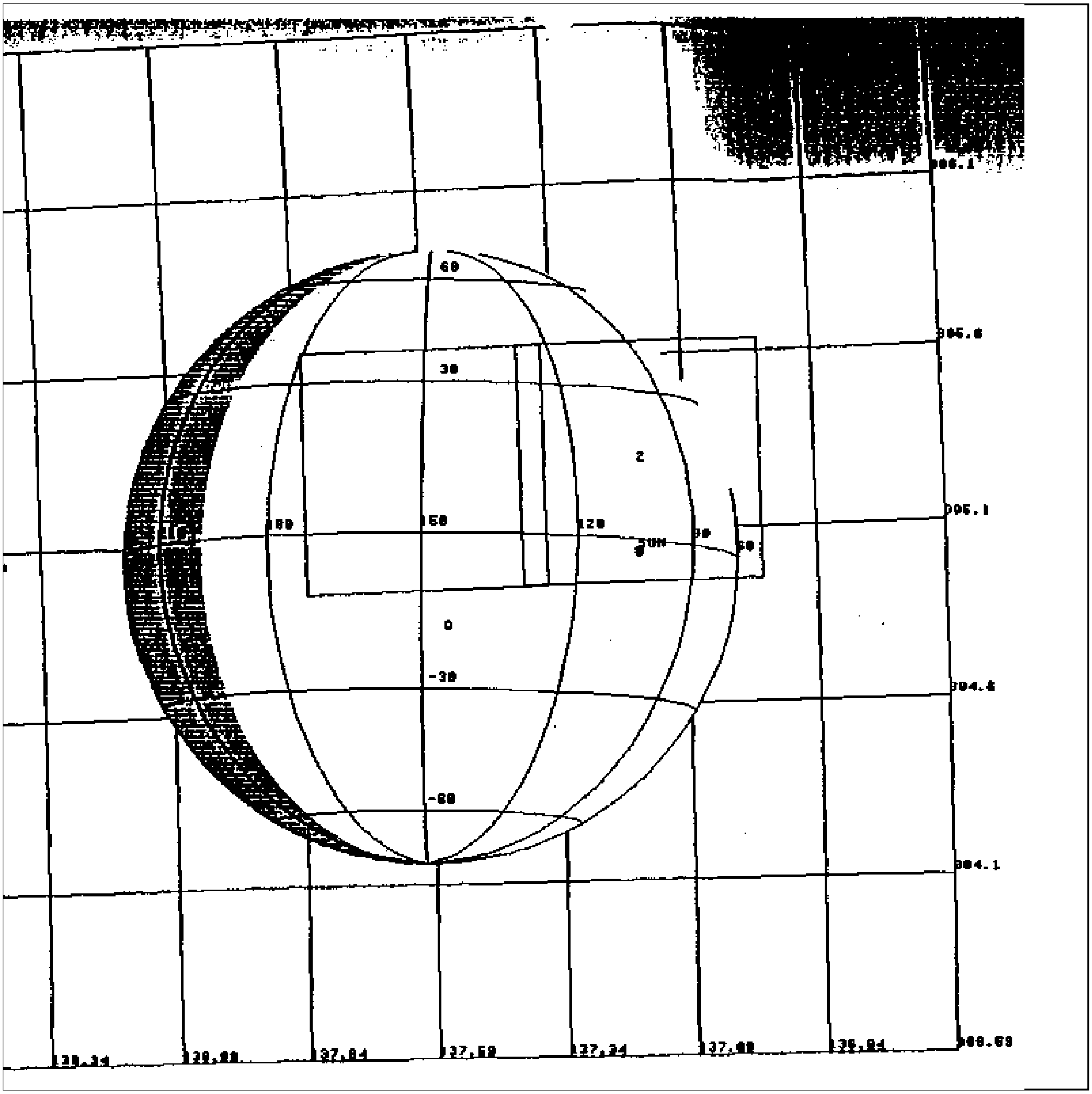
408 Wavelengths

1 SSI Footprint

Slew Rate: xxx mrad/sec,   SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (15., 168., xxx, 42., xxx)



VFT201 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT201

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

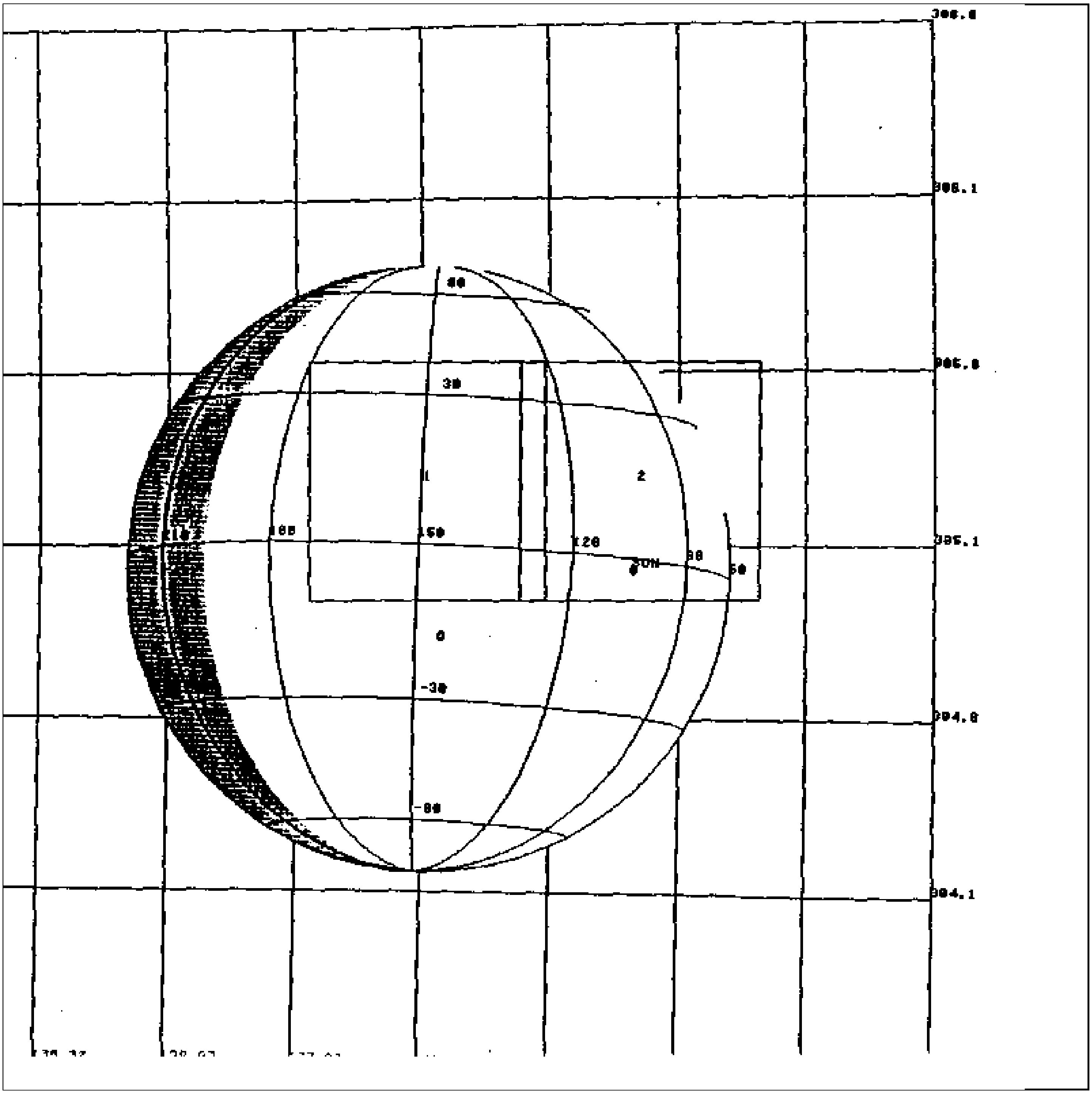
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec,   SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 286., xxx)



VFT202 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

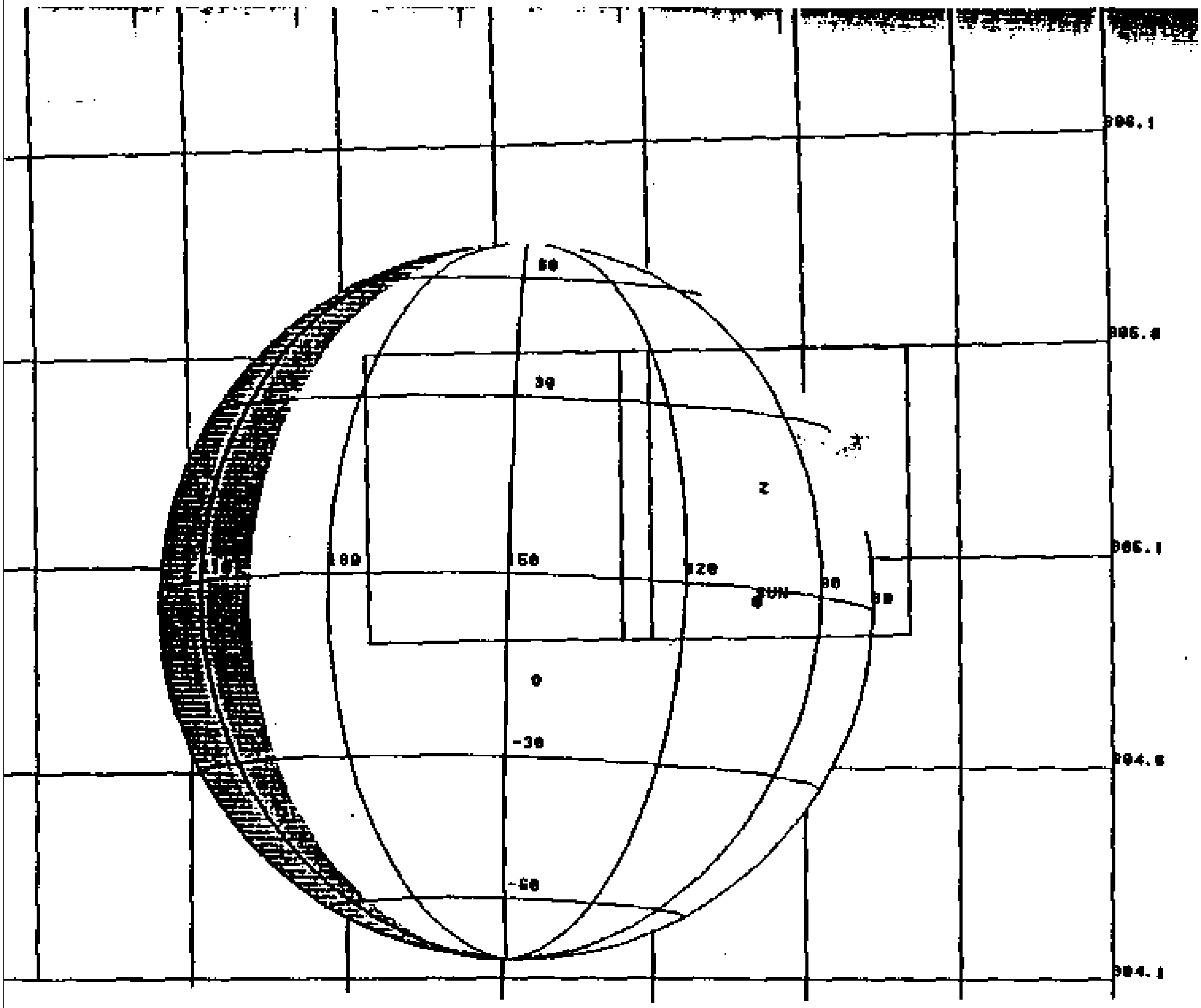
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 288., xxx)

OBSERVATION: VFT202



VFT203 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

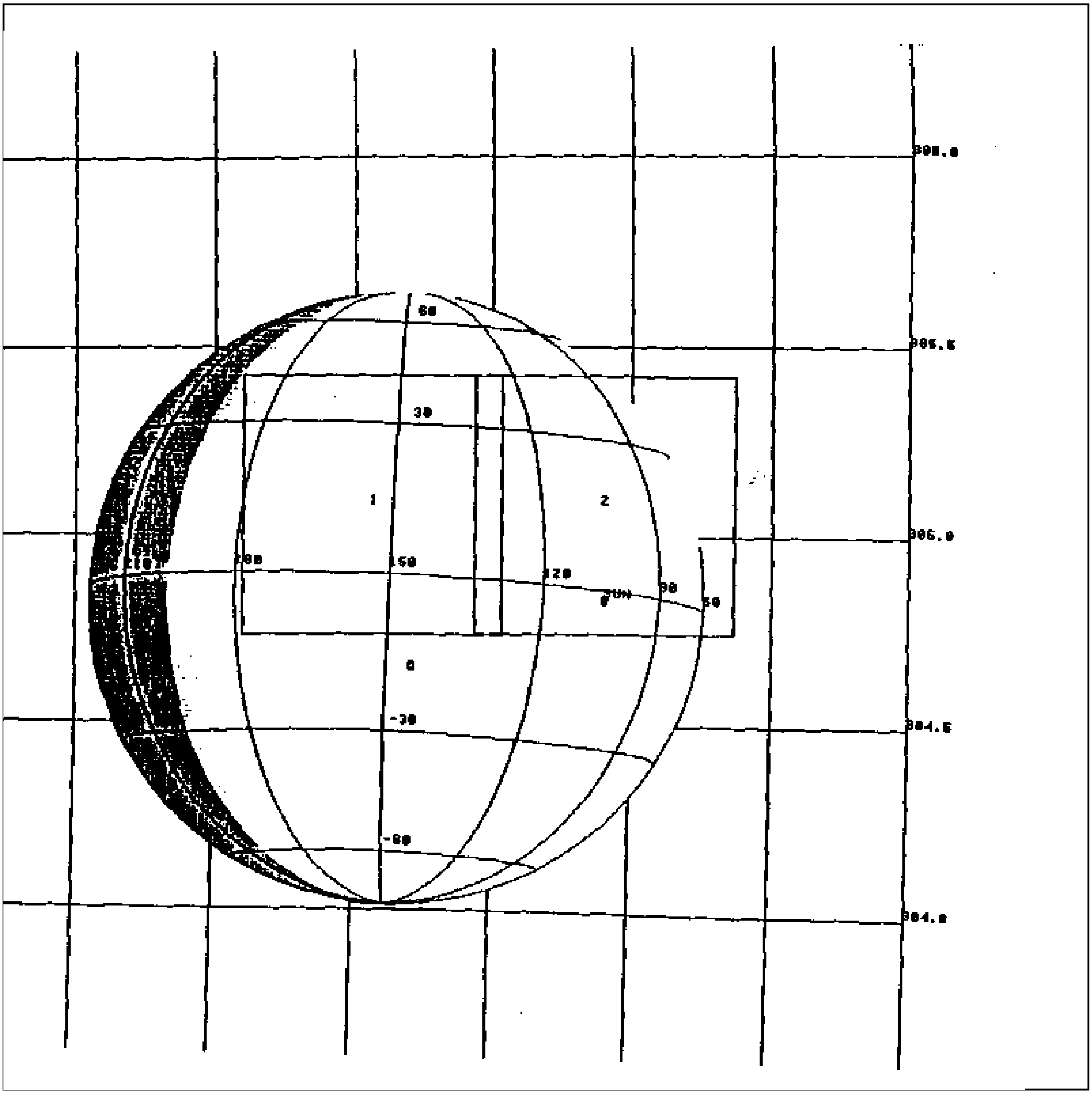
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 294., xxx)

OBSERVATION: VFT203



VFT204 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT204

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

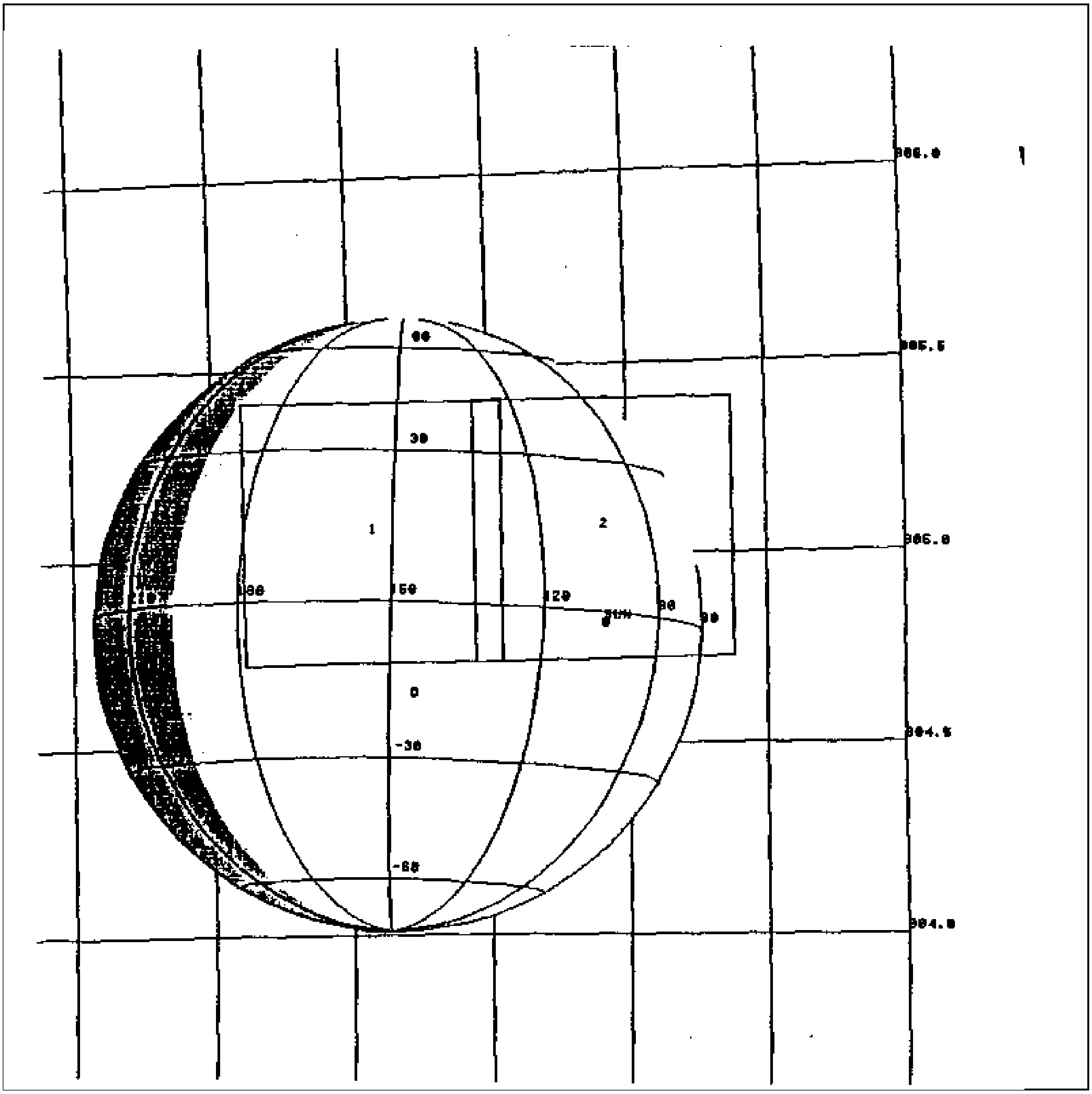
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 309., xxx)



VFT205 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

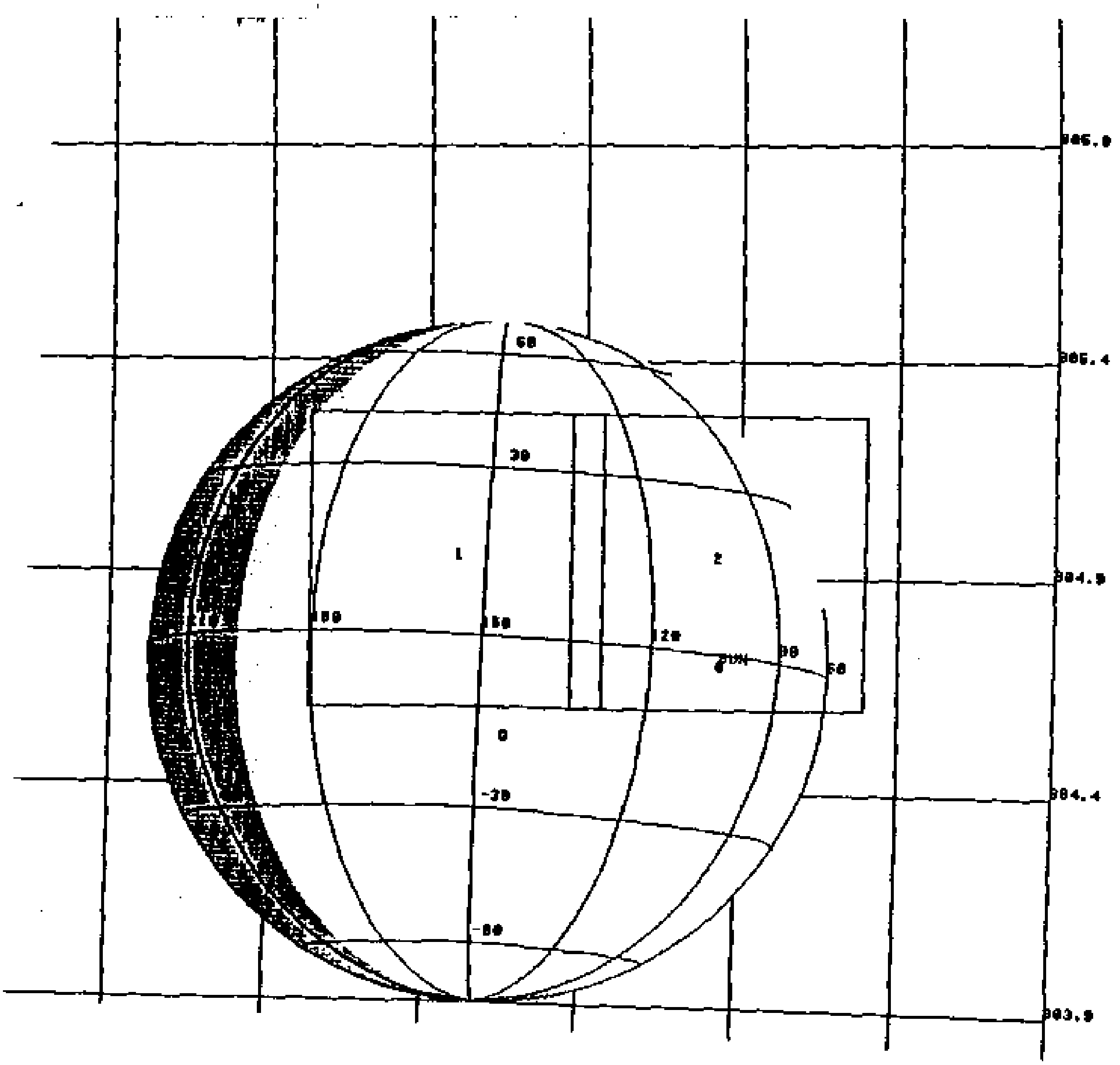
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 311., xxx)

OBSERVATION: VFT205



VFT206 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

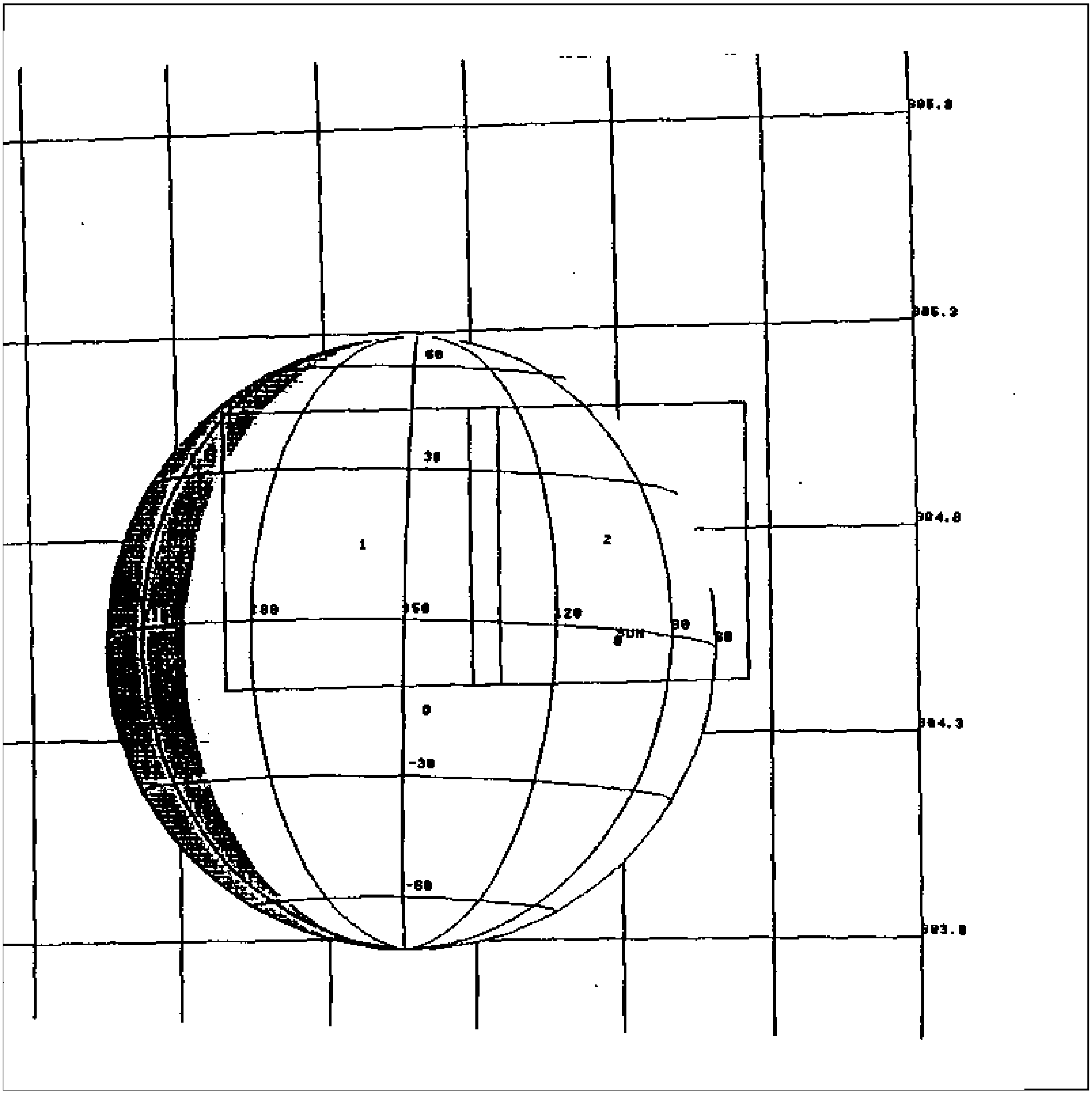
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 317., xxx)

OBSERVATION: VFT206



VFT207 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT207

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

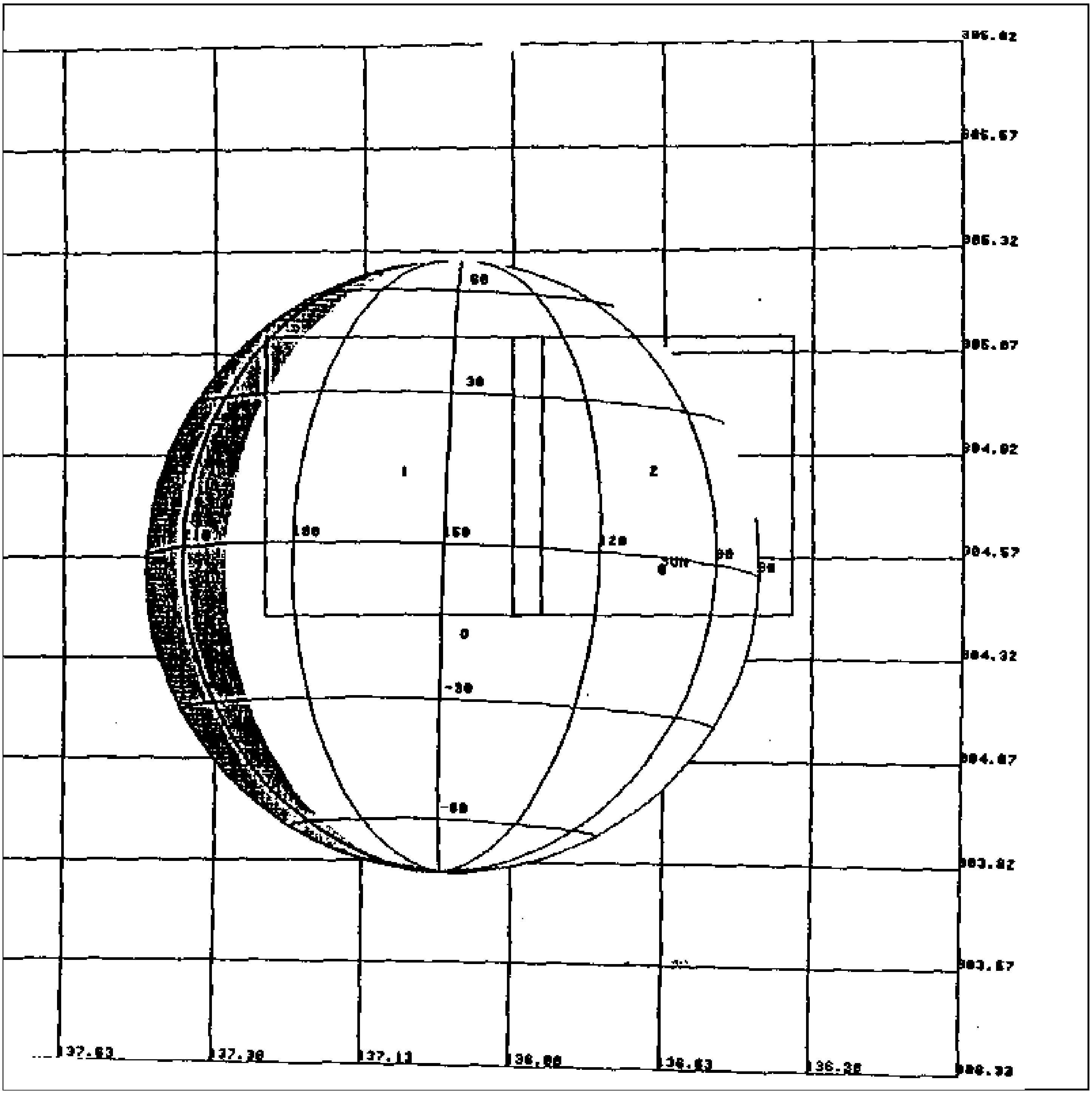
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 332., xxx)



VFT208 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

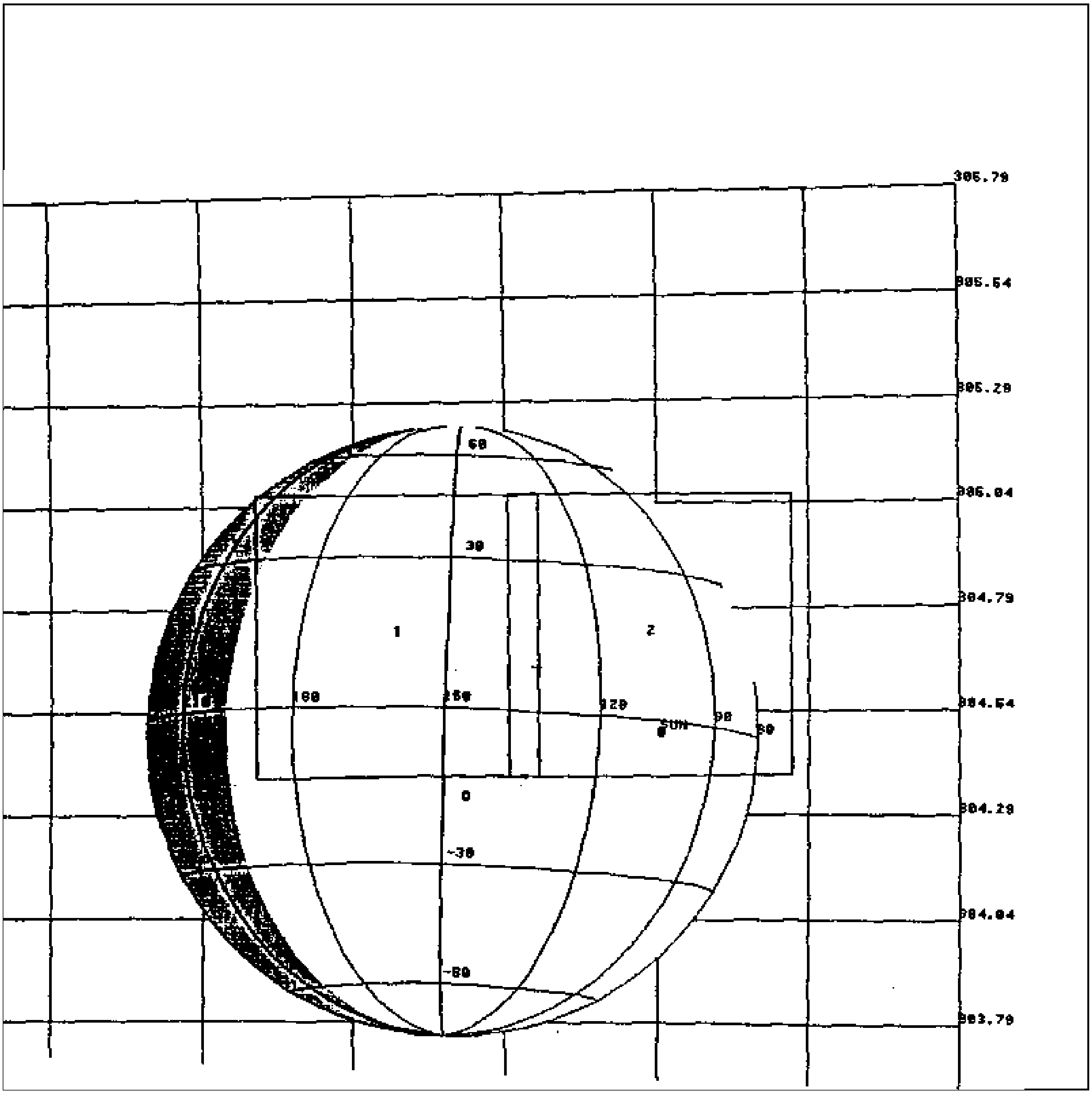
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 334., xxx)

OBSERVATION: VFT208



VFT209 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

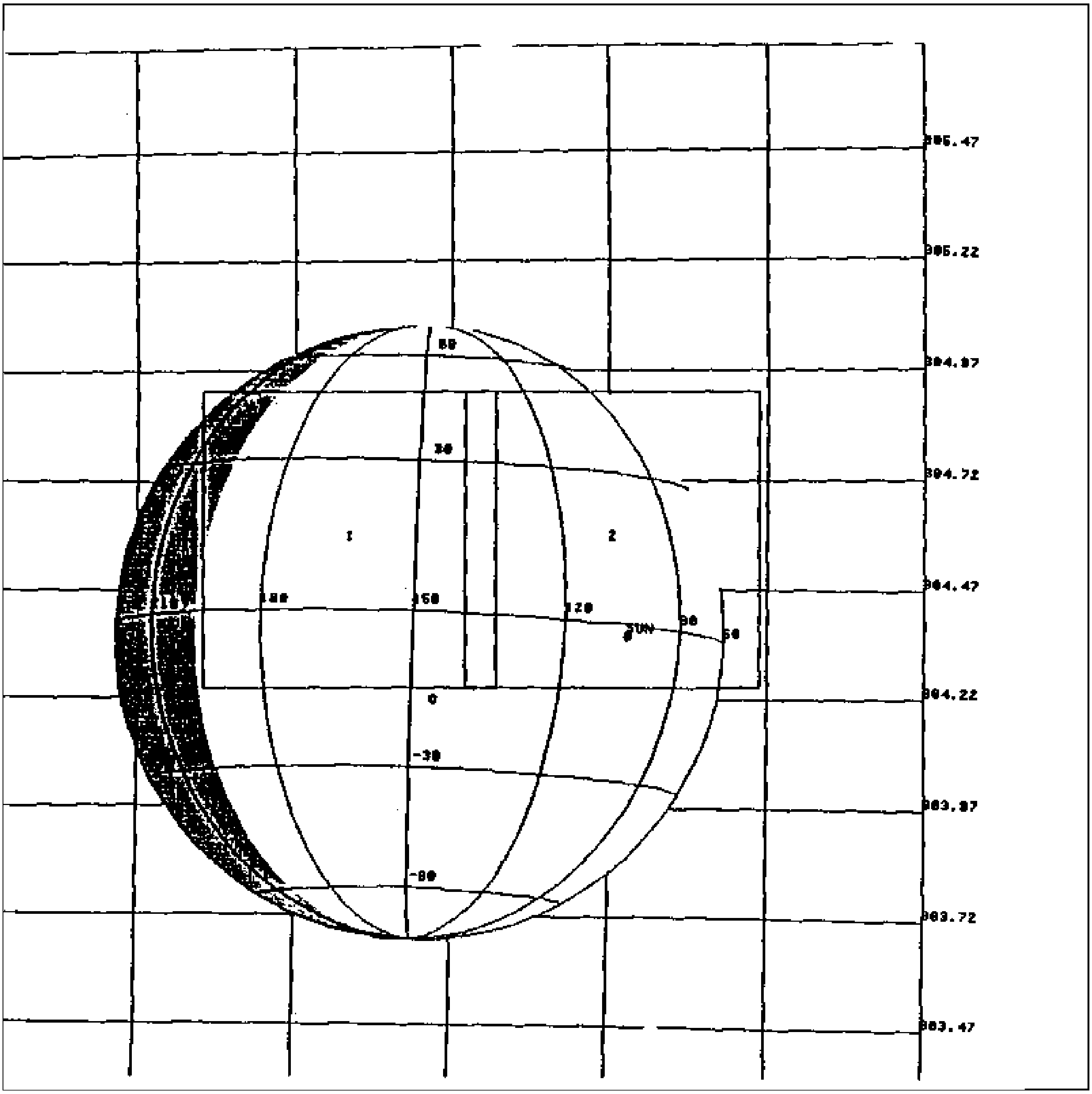
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 339., xxx)

OBSERVATION: VFT209



VFT210 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT210

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

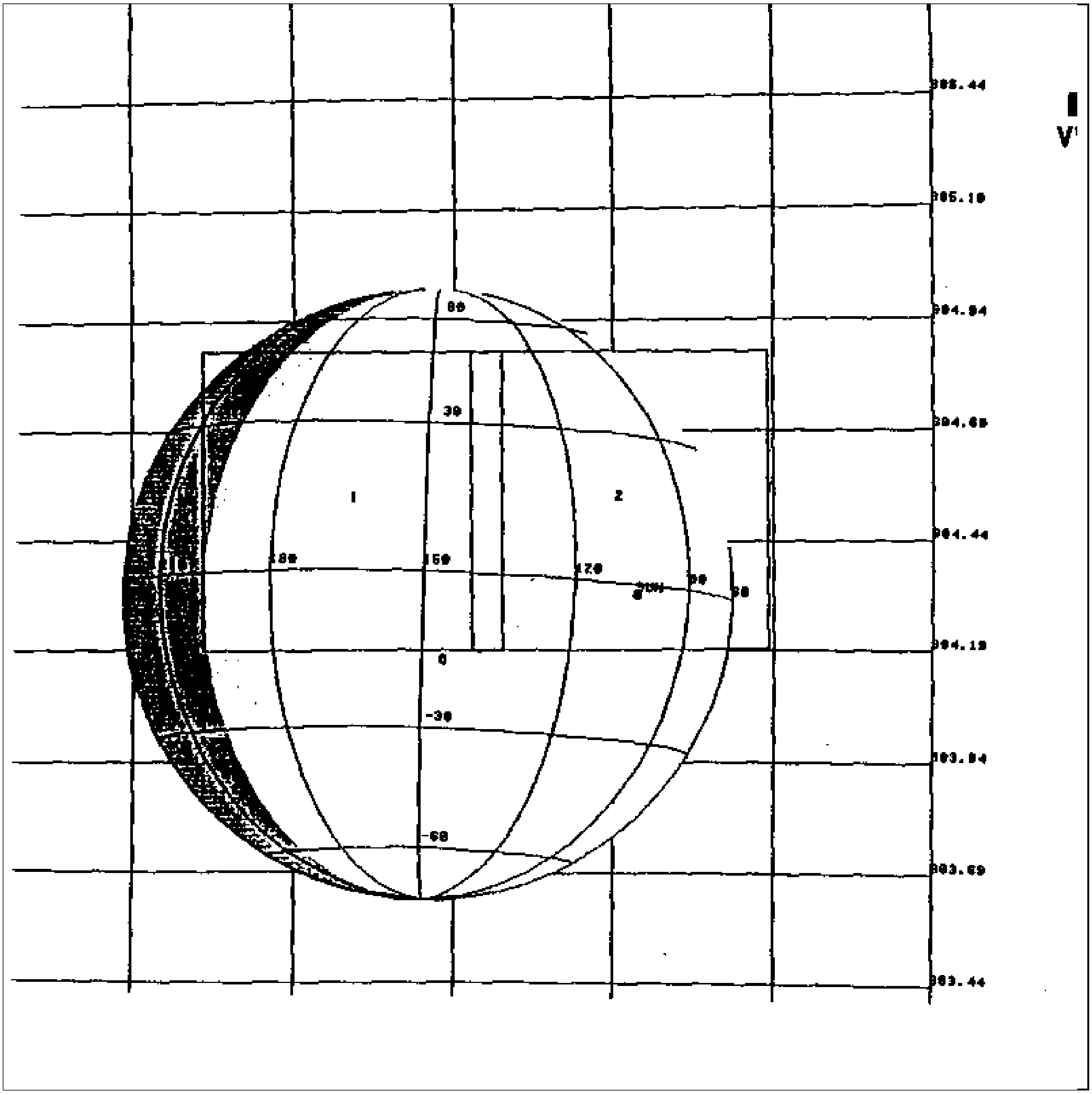
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 354., xxx)



VFT211 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT211

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

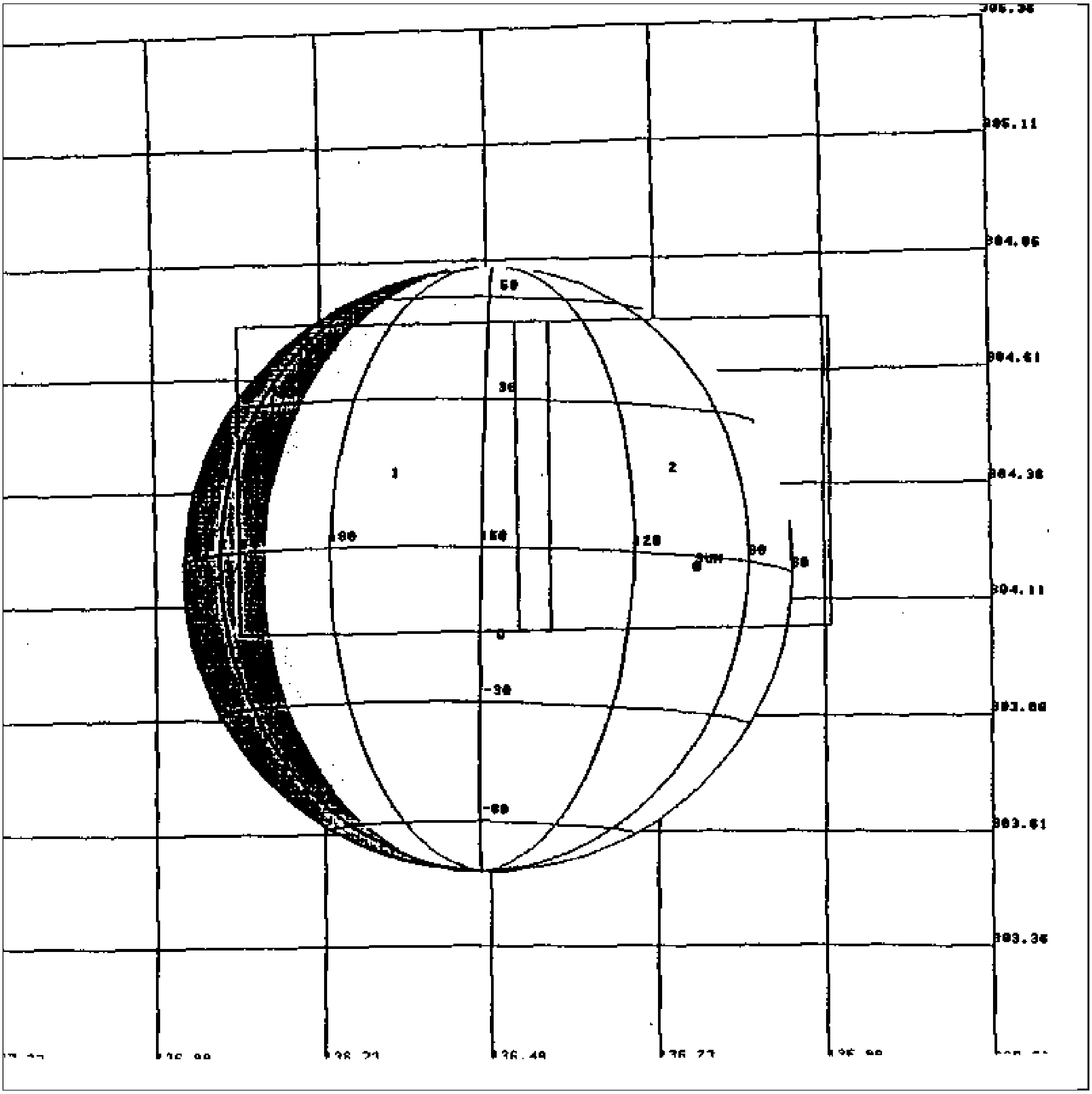
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 360., xxx)



VFT212 : Venus Feature Track, SSI Ride-Along

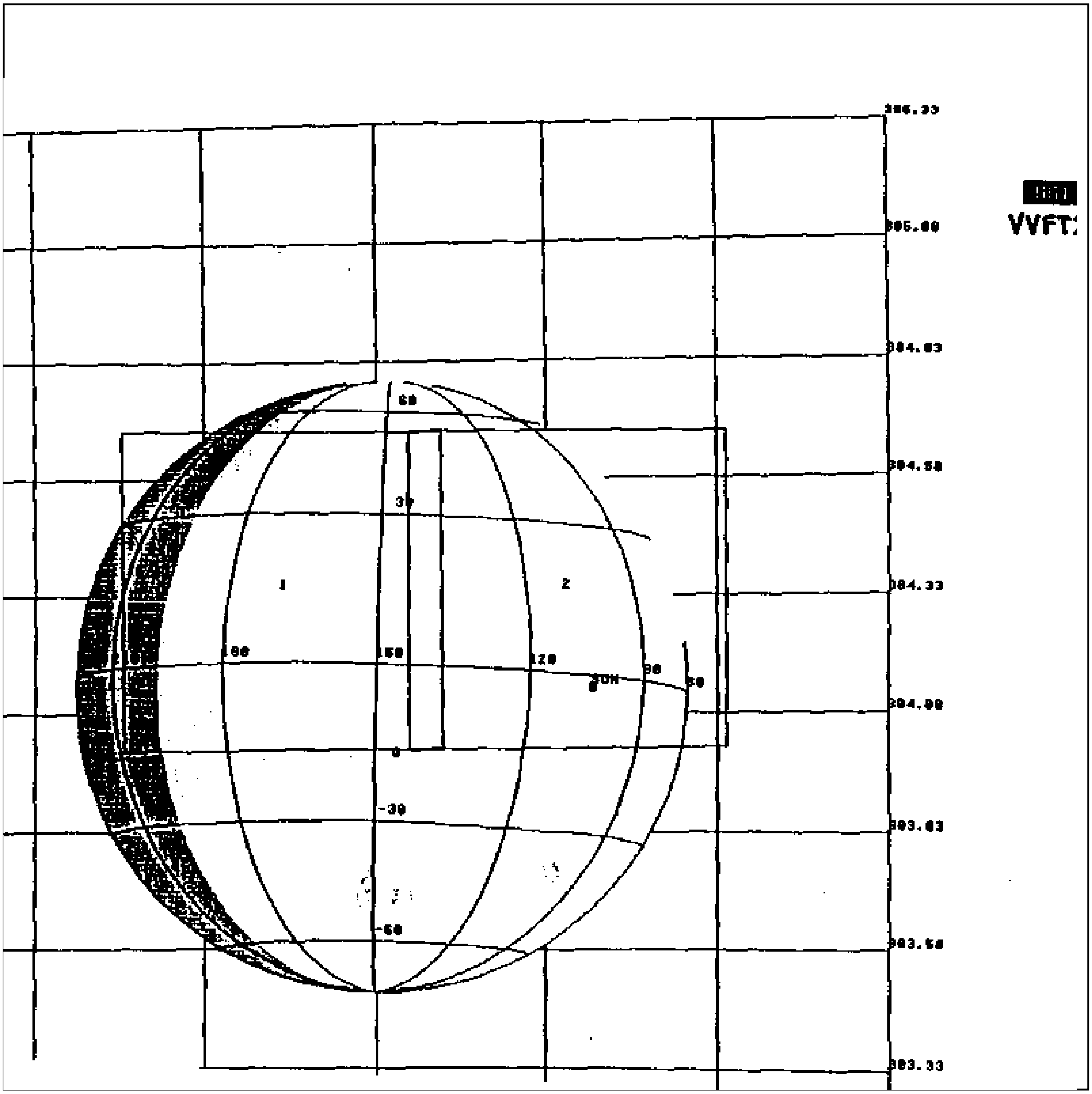
Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4
408 Wavelengths
2 SSI Footprints

CENTRAL BODY:VENUS

Slew Rate: xxx mrad/sec, SMOS Scan
Plot Ref Time: Start of Mosaic
Lat, Lon, Range, Res, Phase: (4., 178., xxx, 377., xxx)

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT212



VFT213 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

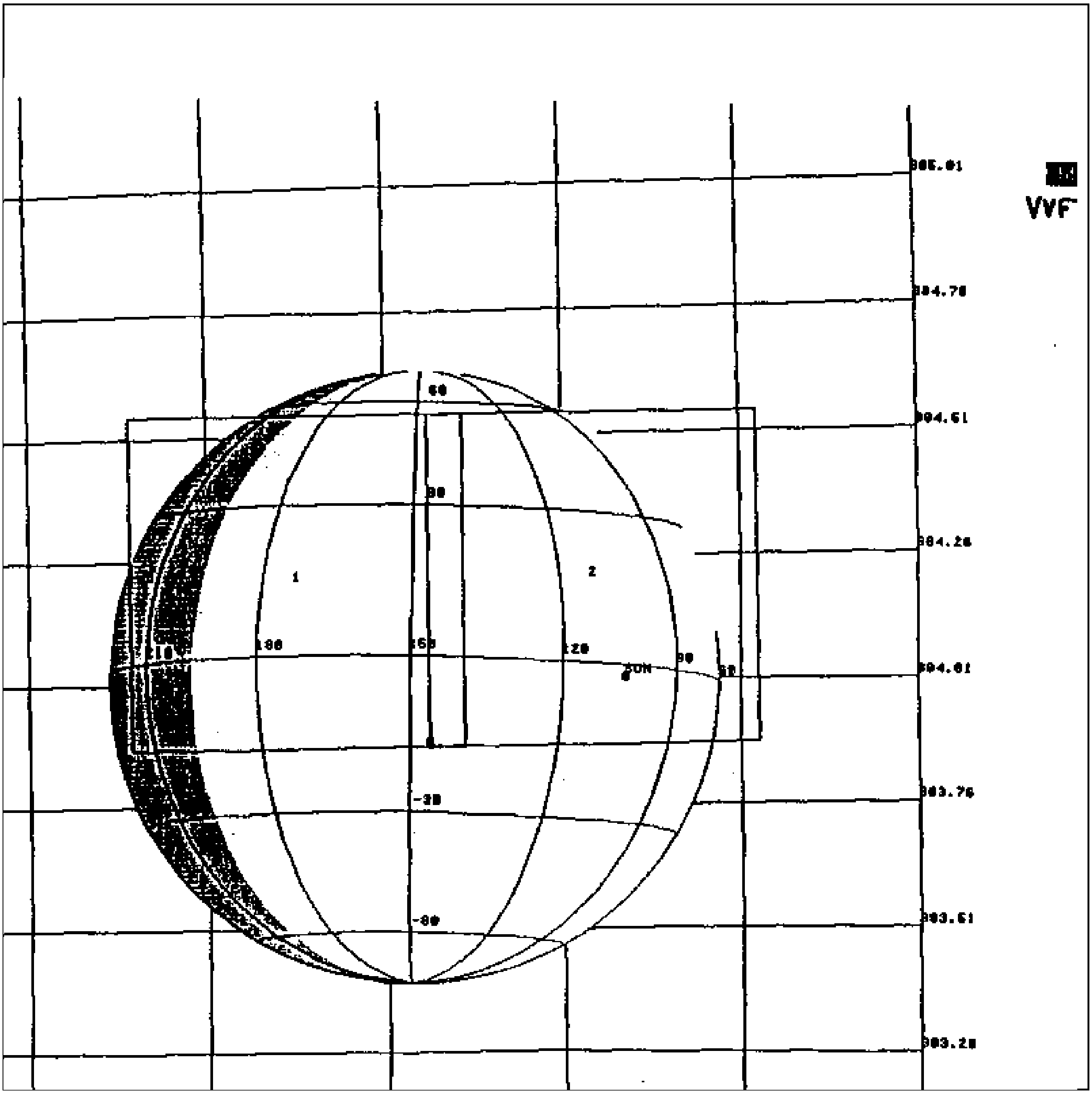
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 382., xxx)

OBSERVATION: VFT213



VFT214 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT214

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

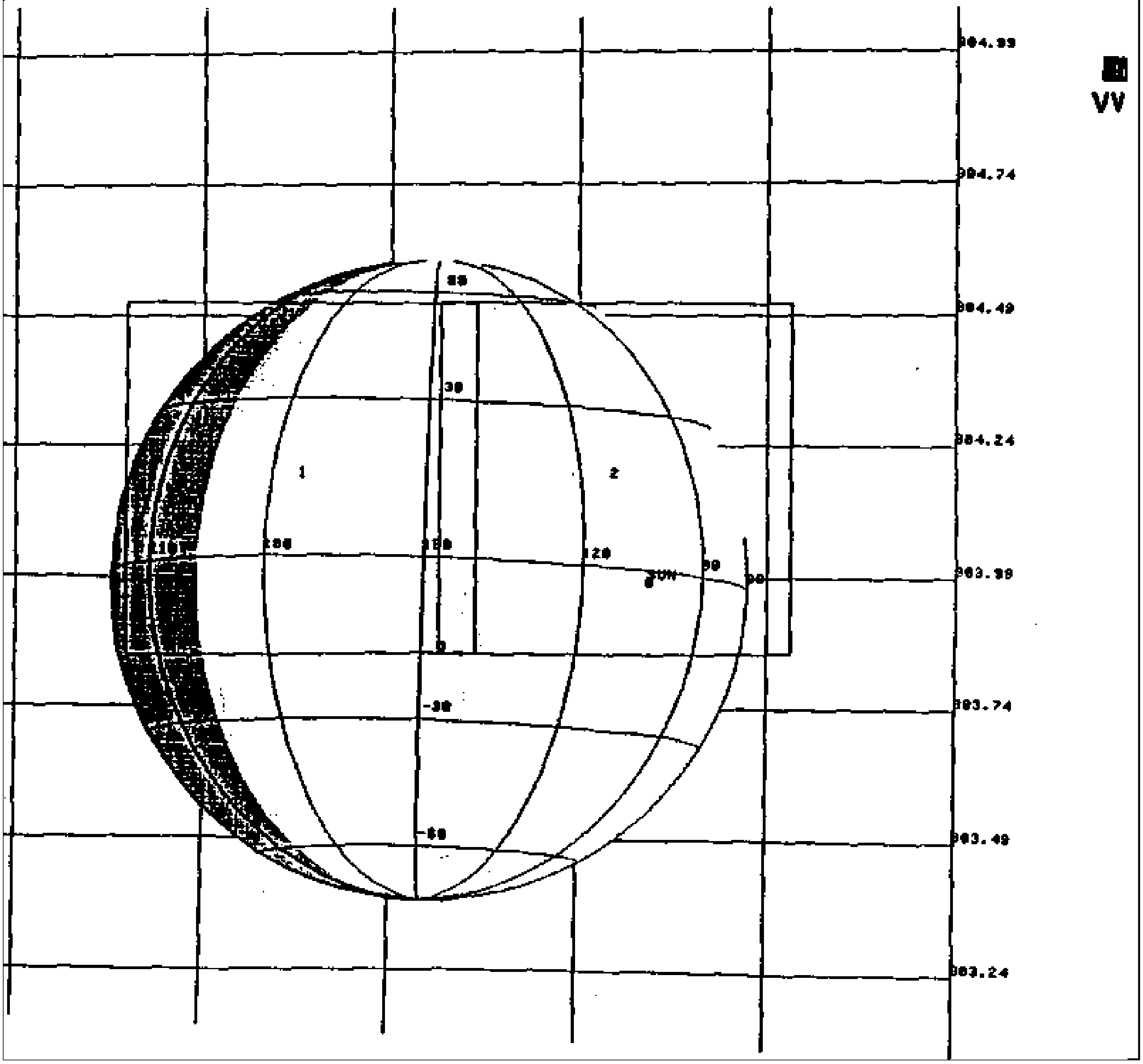
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 399., xxx)



VFT215 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

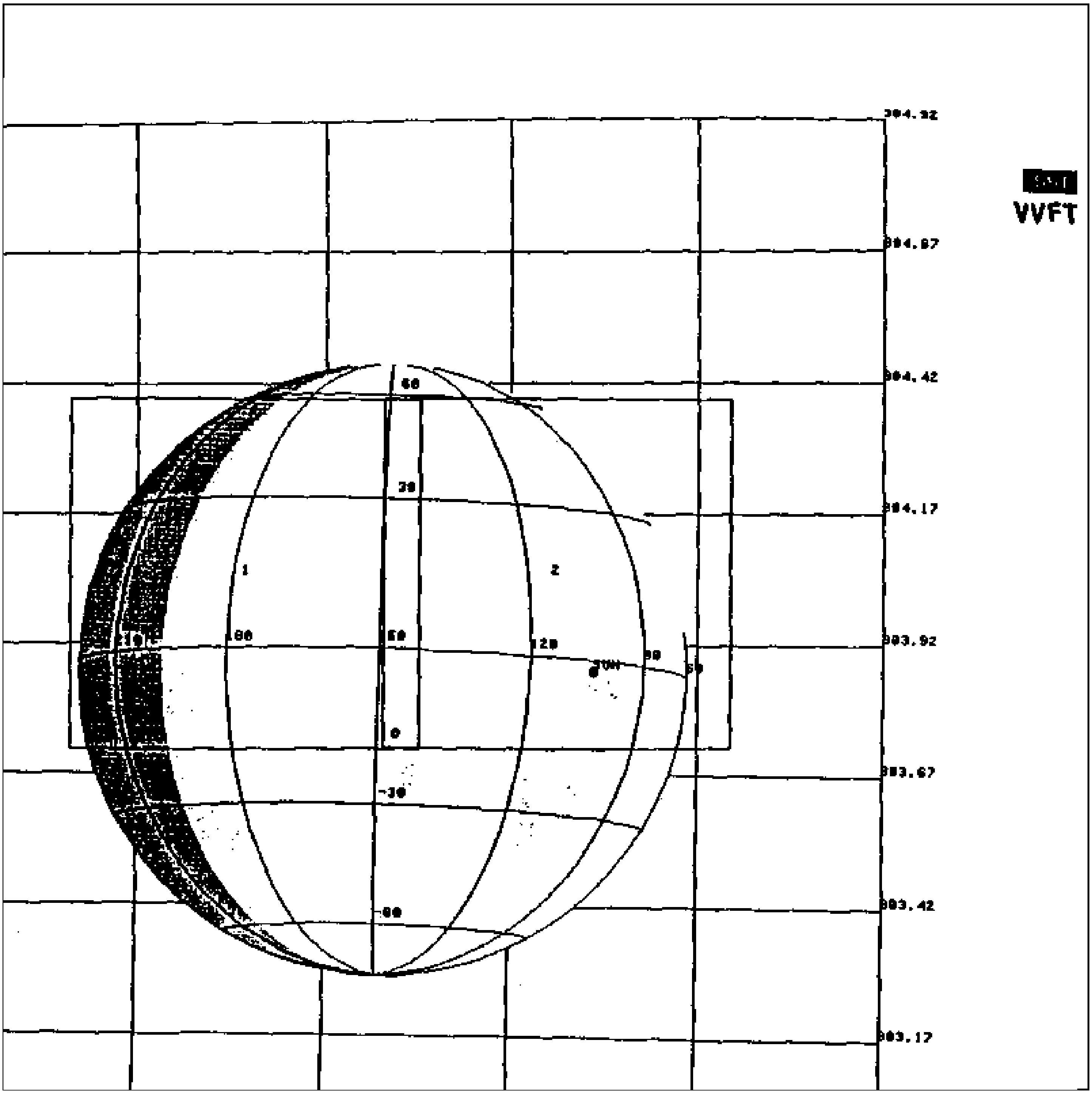
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 405., xxx)

OBSERVATION: VFT215



VFT216 : Venus Feature Track, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VFT216

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

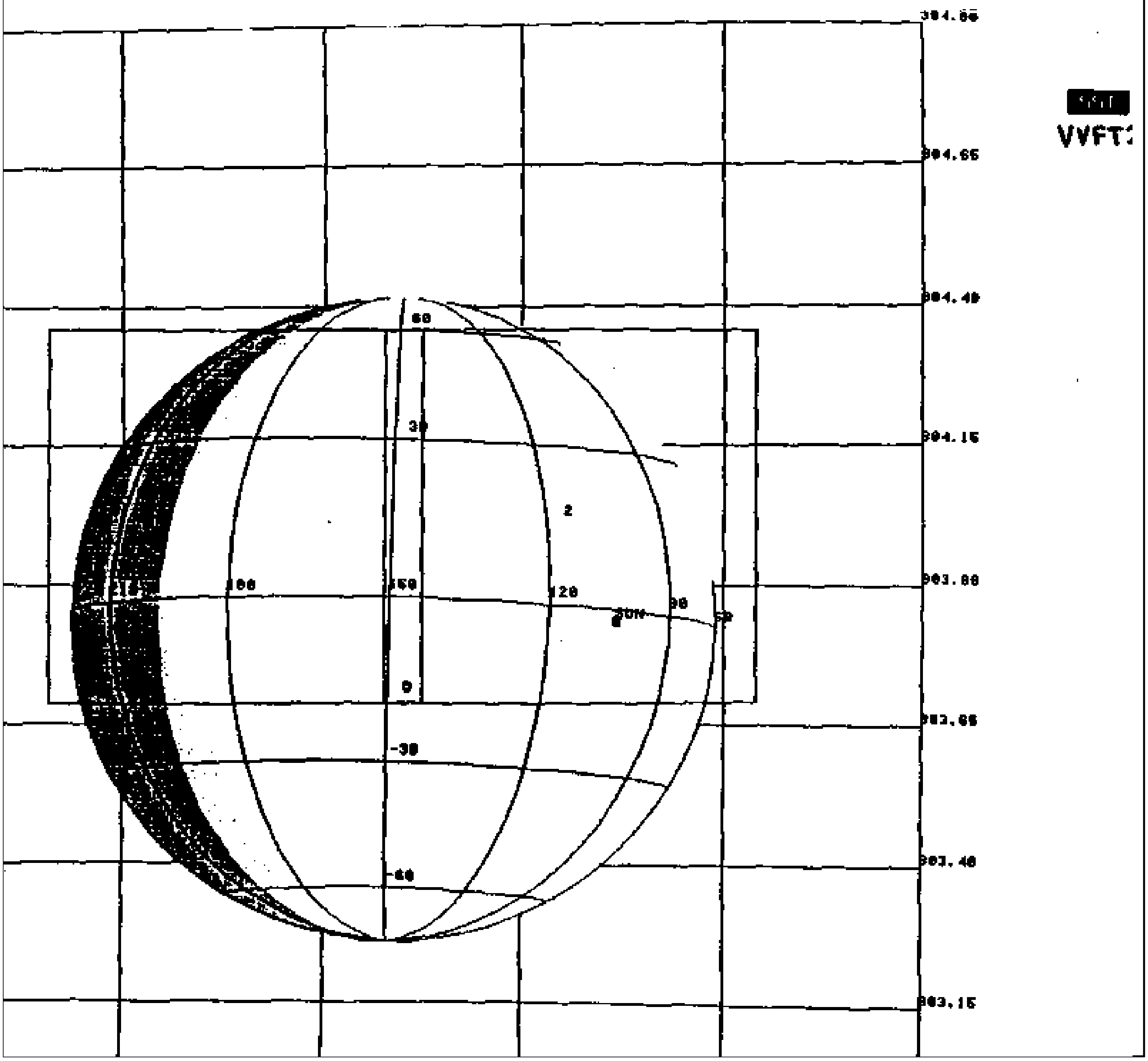
408 Wavelengths

2 SSI Footprints

Slew Rate: xxx mrad/sec, SMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 422., xxx)



VFT217 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

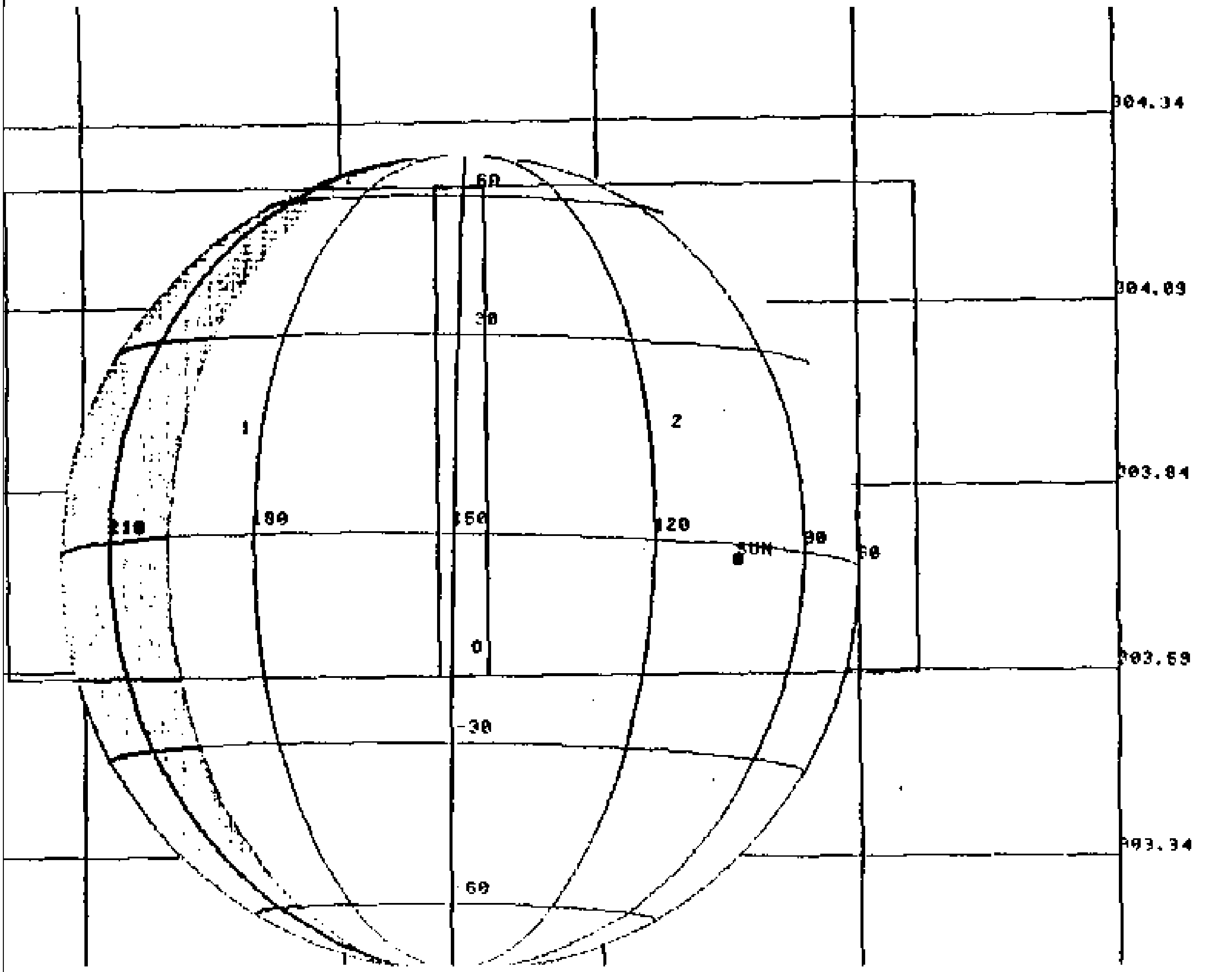
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 427., xxx)

OBSERVATION: VFT217



VFT218 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

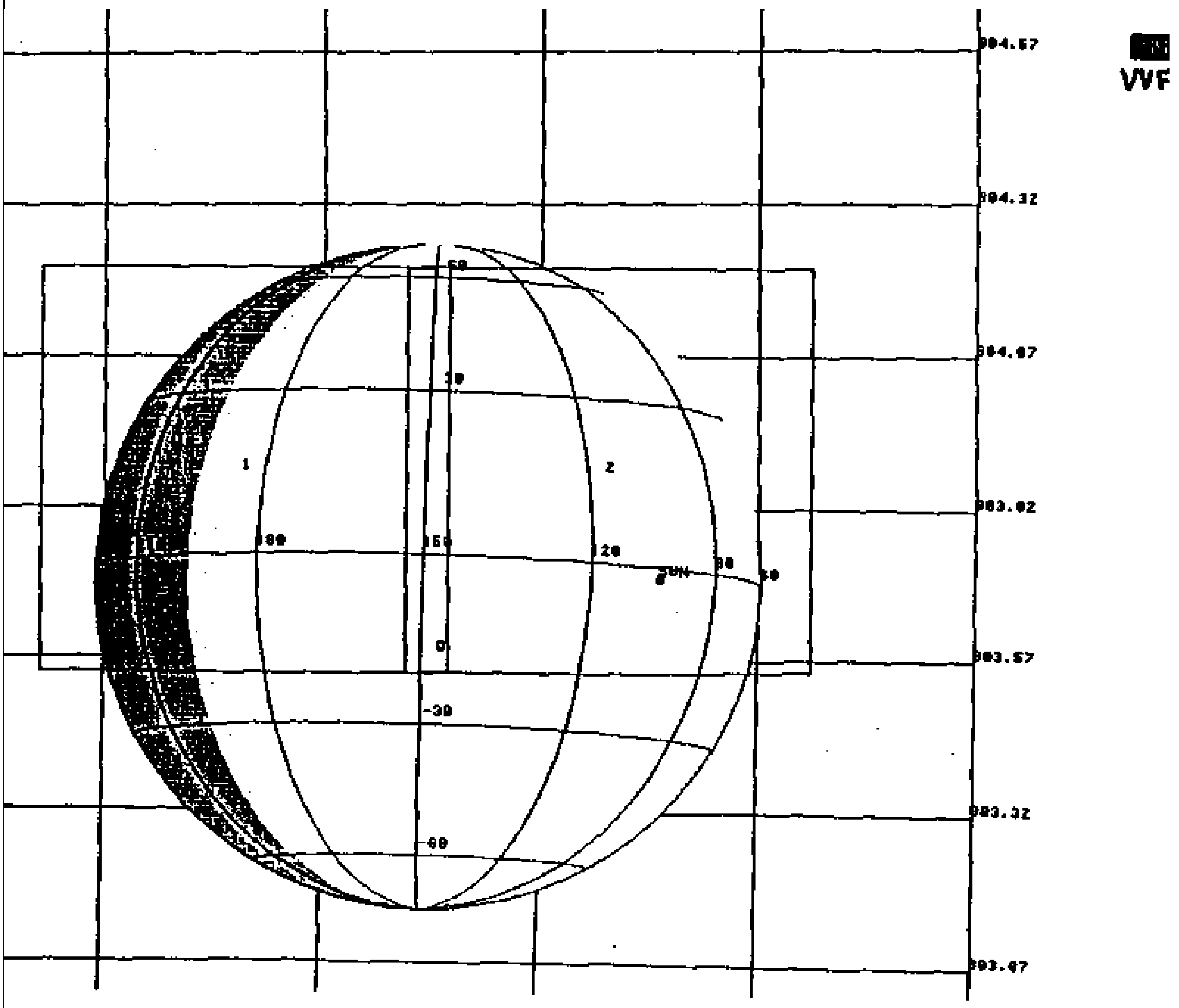
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 444., xxx)

OBSERVATION: VFT218



VFT219 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4
408 Wavelengths

CENTRAL BODY:VENUS

2 SSI Footprints

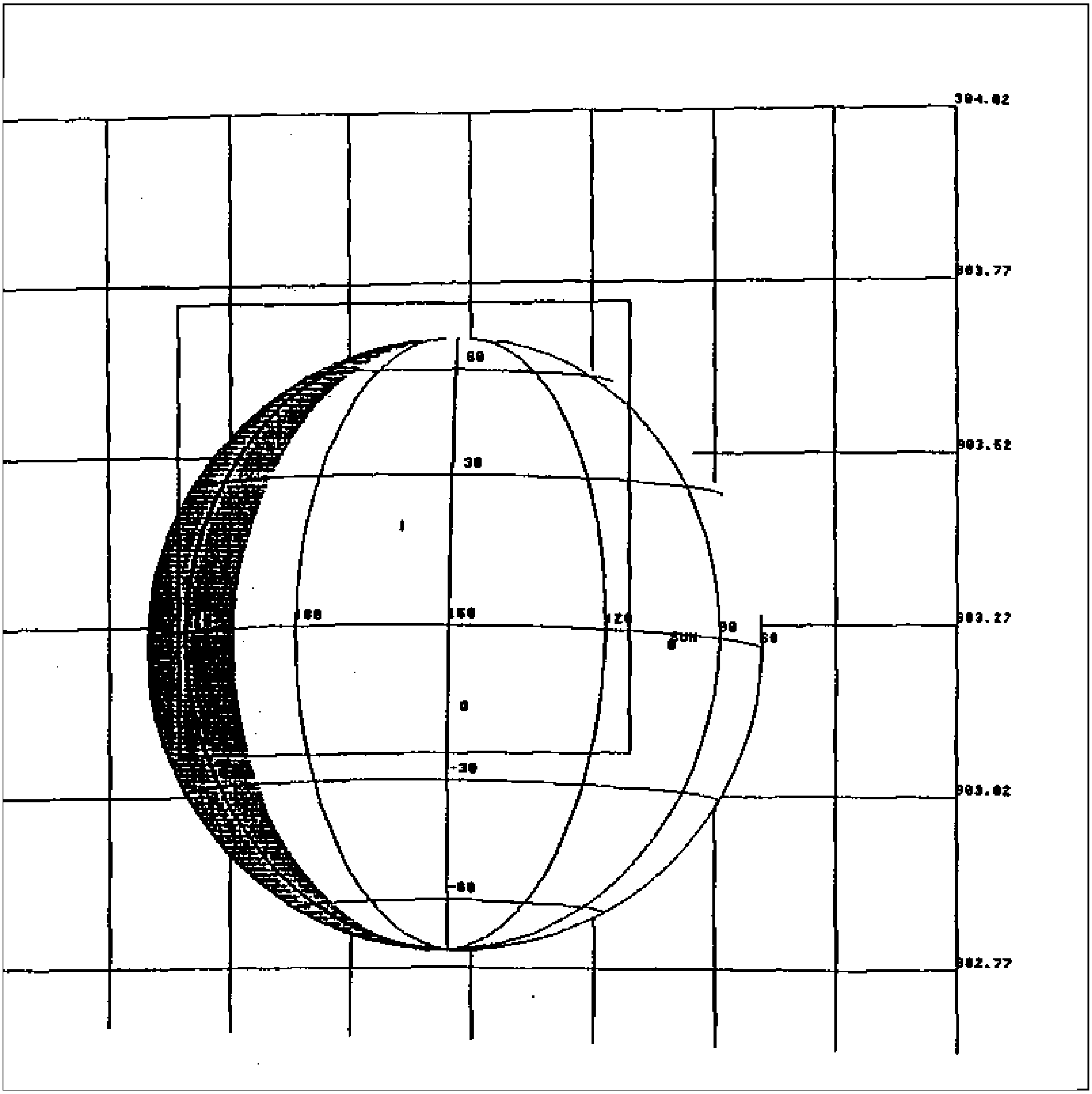
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (4., 178., xxx, 450., xxx)

OBSERVATION: VFT219



VFT101 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4
408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

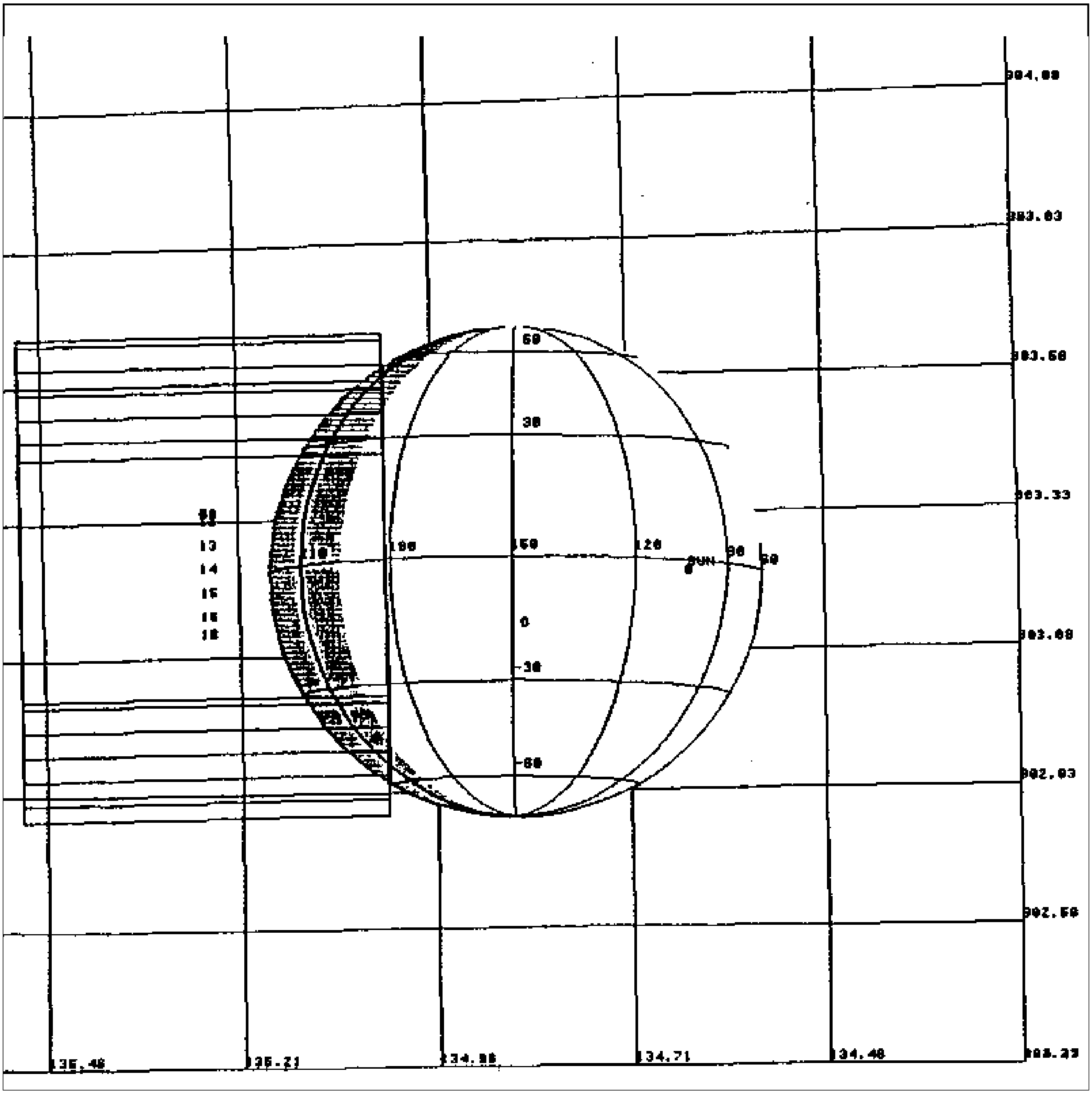
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 177., xxx, 542., xxx)

OBSERVATION: VFT101



VLTNG02 : Venus Lightning, SSI Ride-Along

CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VLTNG02

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4

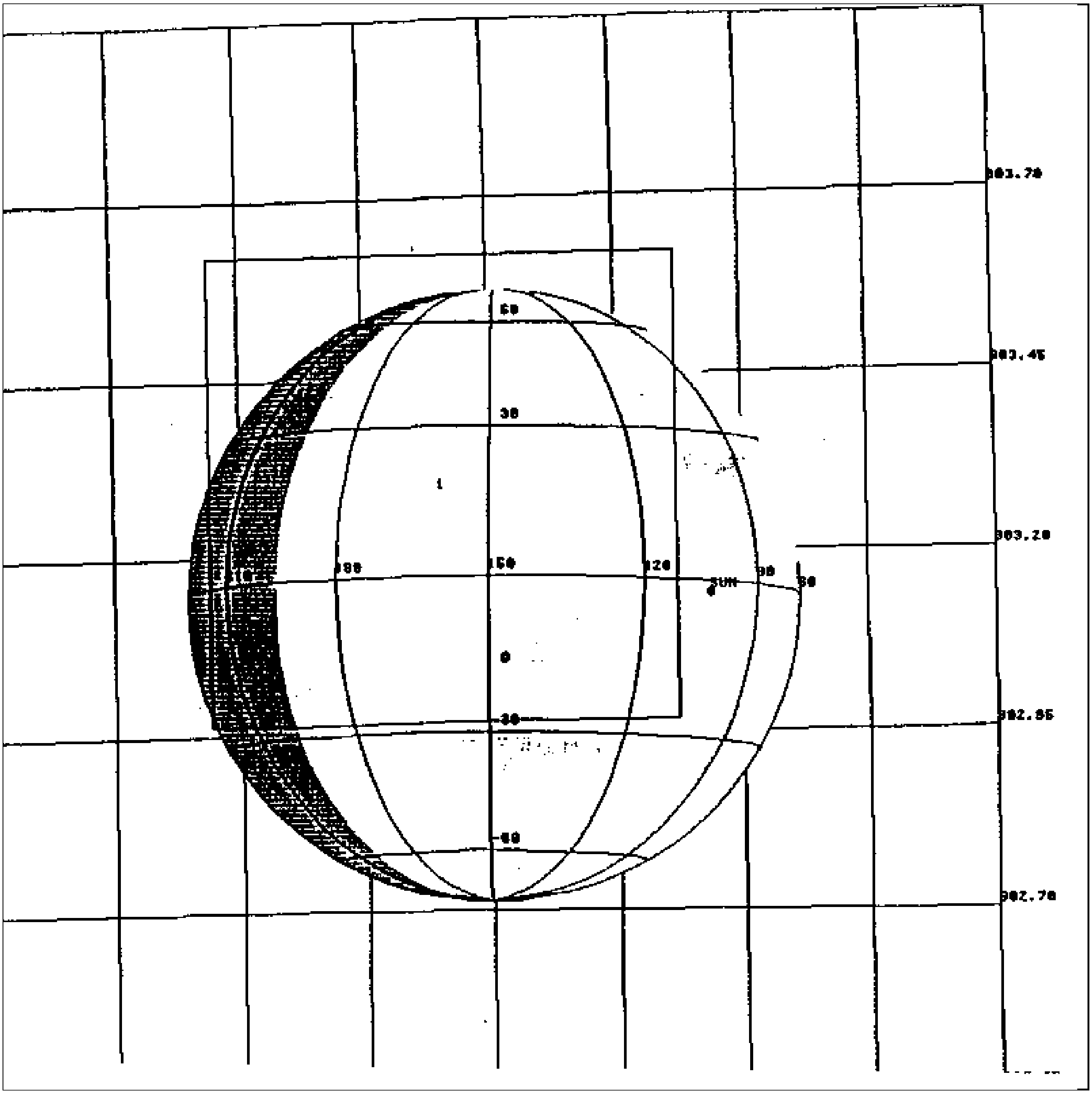
408 Wavelengths

Multiple SSI Footprints

Slew Rate: xxx mrad/sec, CSMOS Scan

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 177., xxx, 545., xxx)



VFT102 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

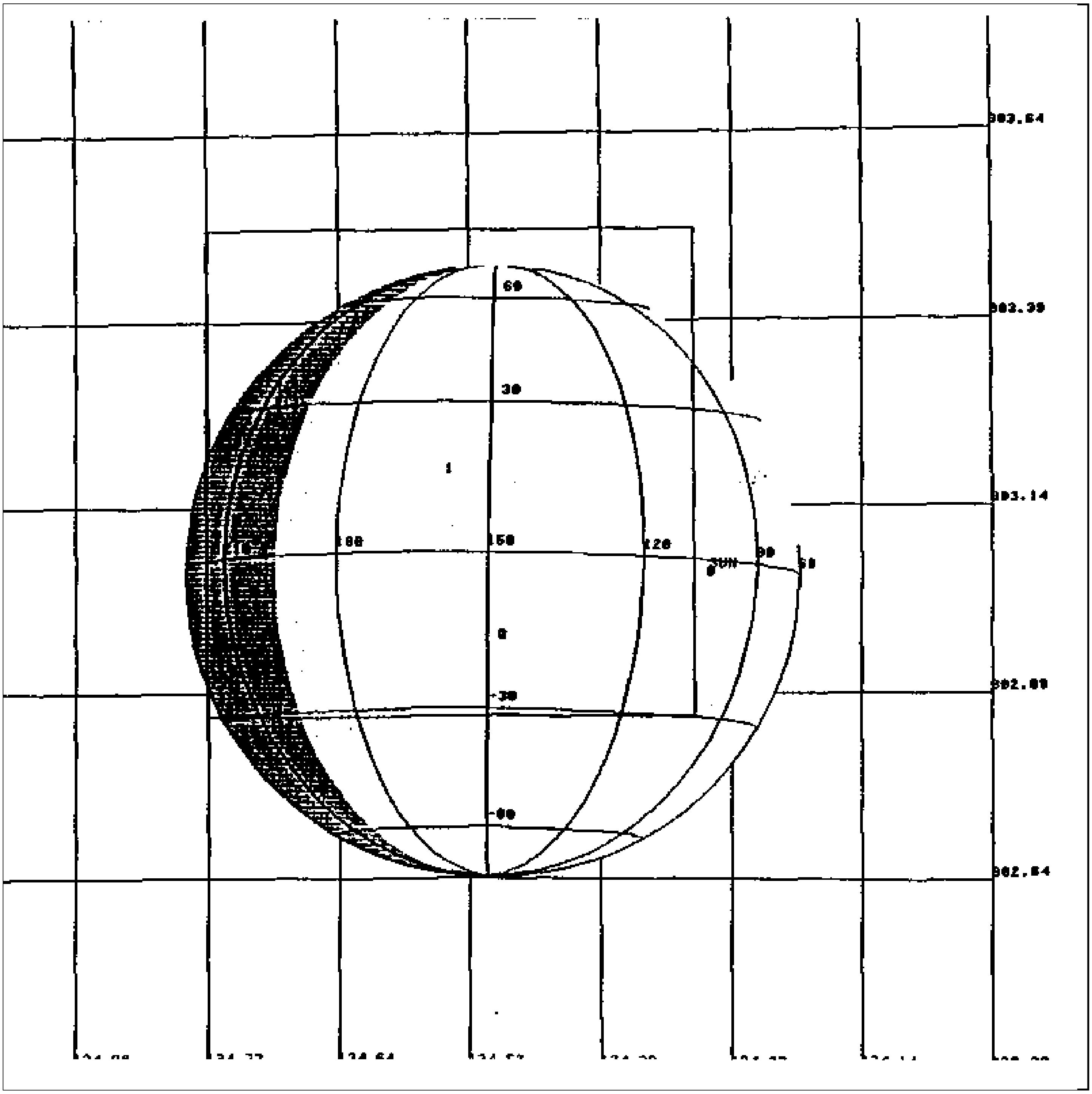
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 177., xxx, 564., xxx)

OBSERVATION: VFT102



VFT103 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

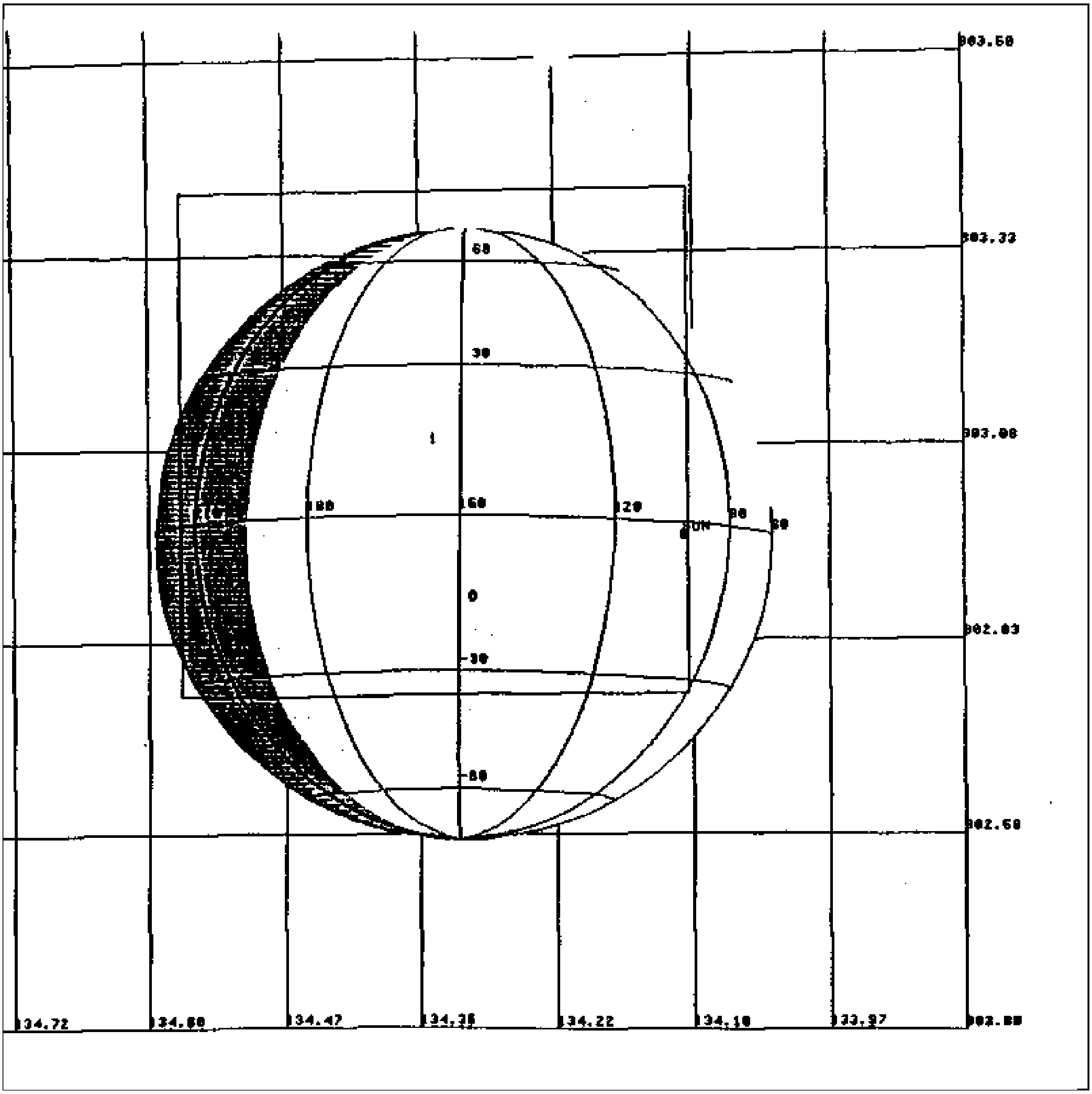
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 177., xxx, 587., xxx)

OBSERVATION: VFT103



VFT104 : Venus Feature Track, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

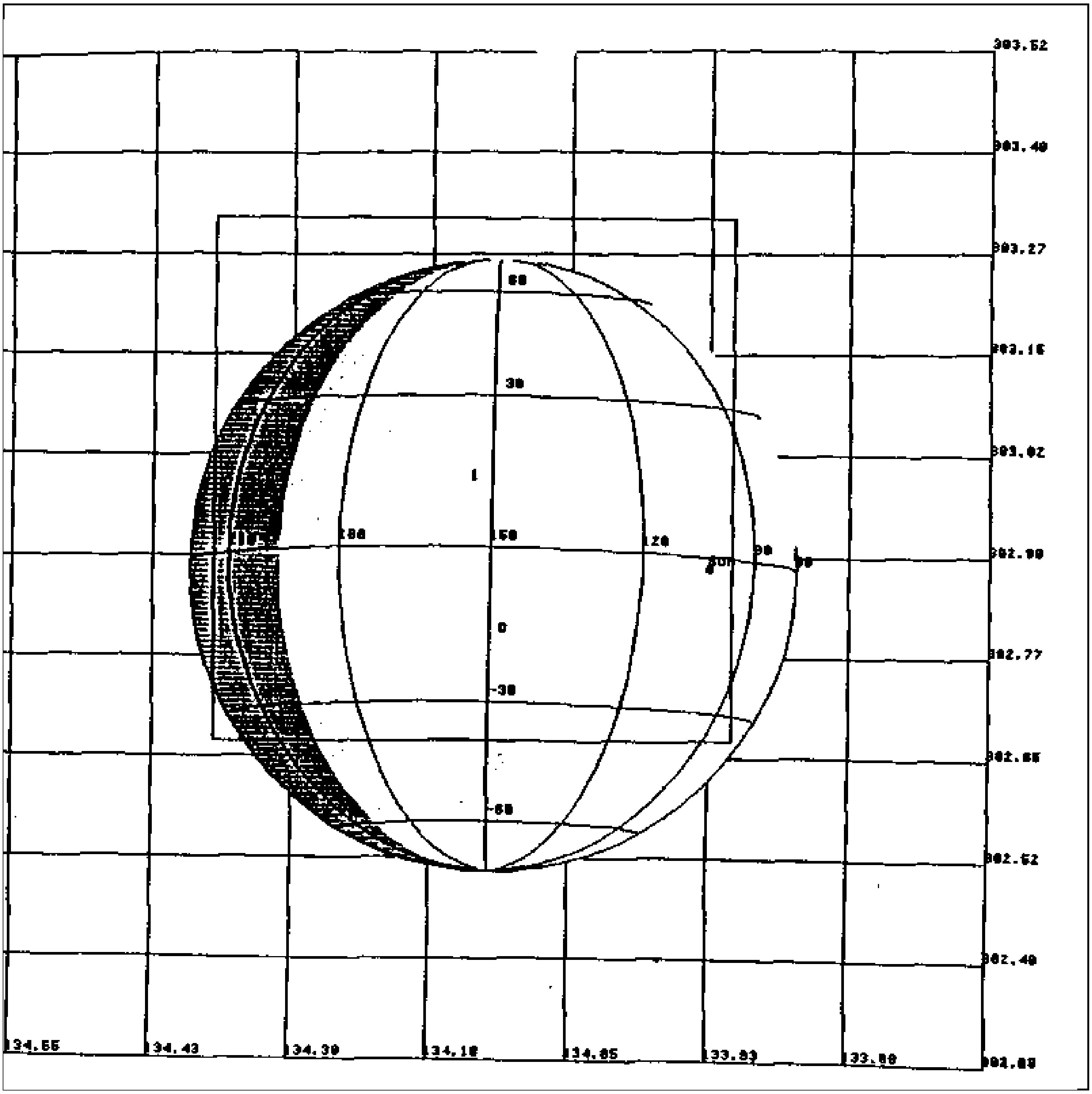
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

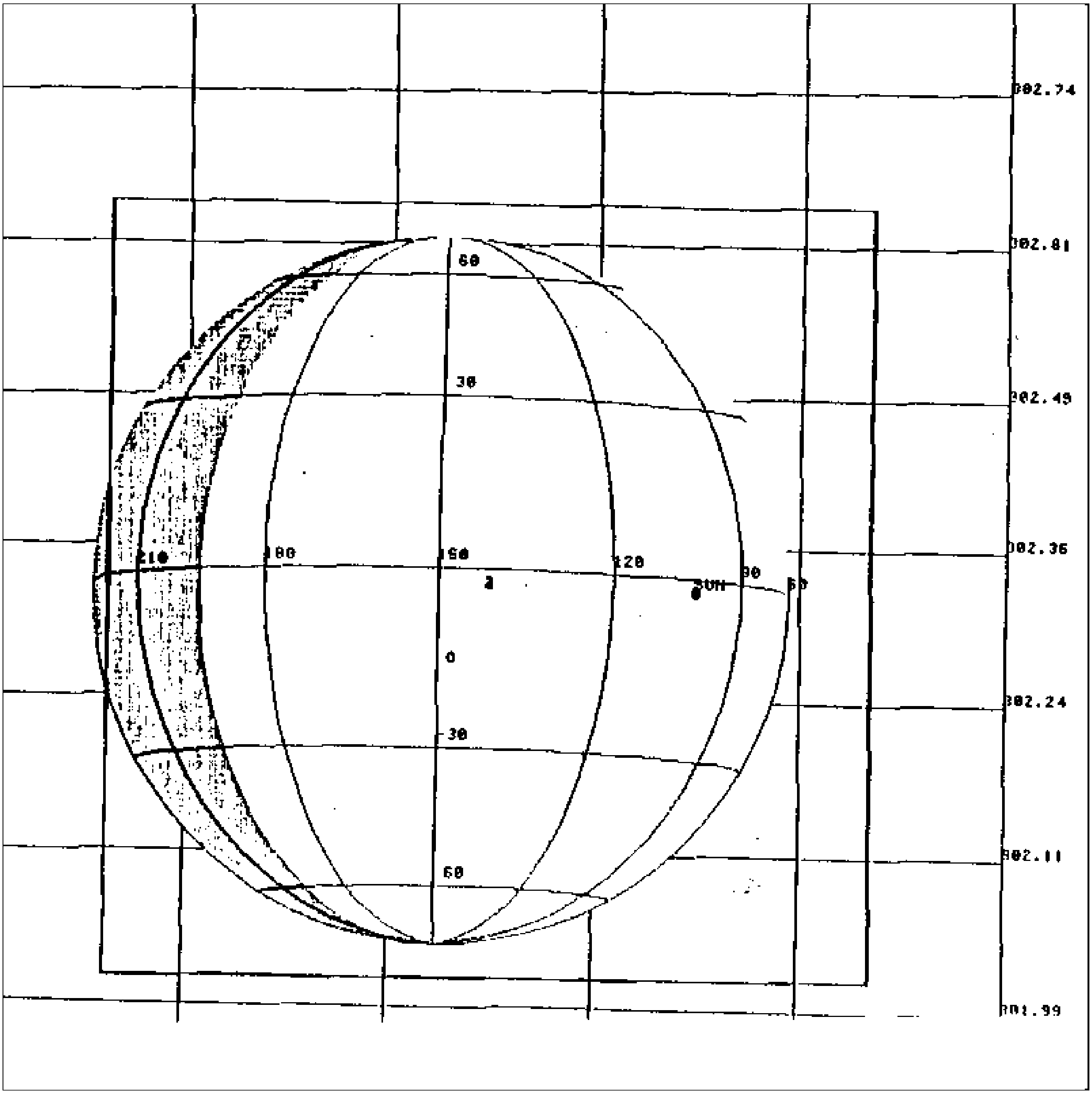
Lat, Lon, Range, Res, Phase: (3., 177., xxx, 609., xxx)

OBSERVATION: VFT104



VFT105 : Venus Feature Track, SSI Ride-Along

	Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4
	408 Wavelengths
CENTRAL BODY:VENUS	1 SSI Footprint
	Slew Rate: xxx mrad/sec, SMOS Scan
PERIAPSIS:90-041/06:08:49.590	Plot Ref Time: Start of Mosaic
	Lat, Lon, Range, Res, Phase: (3., 177., xxx, 631., xxx)
OBSERVATION: VFT105	



VGLI01 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

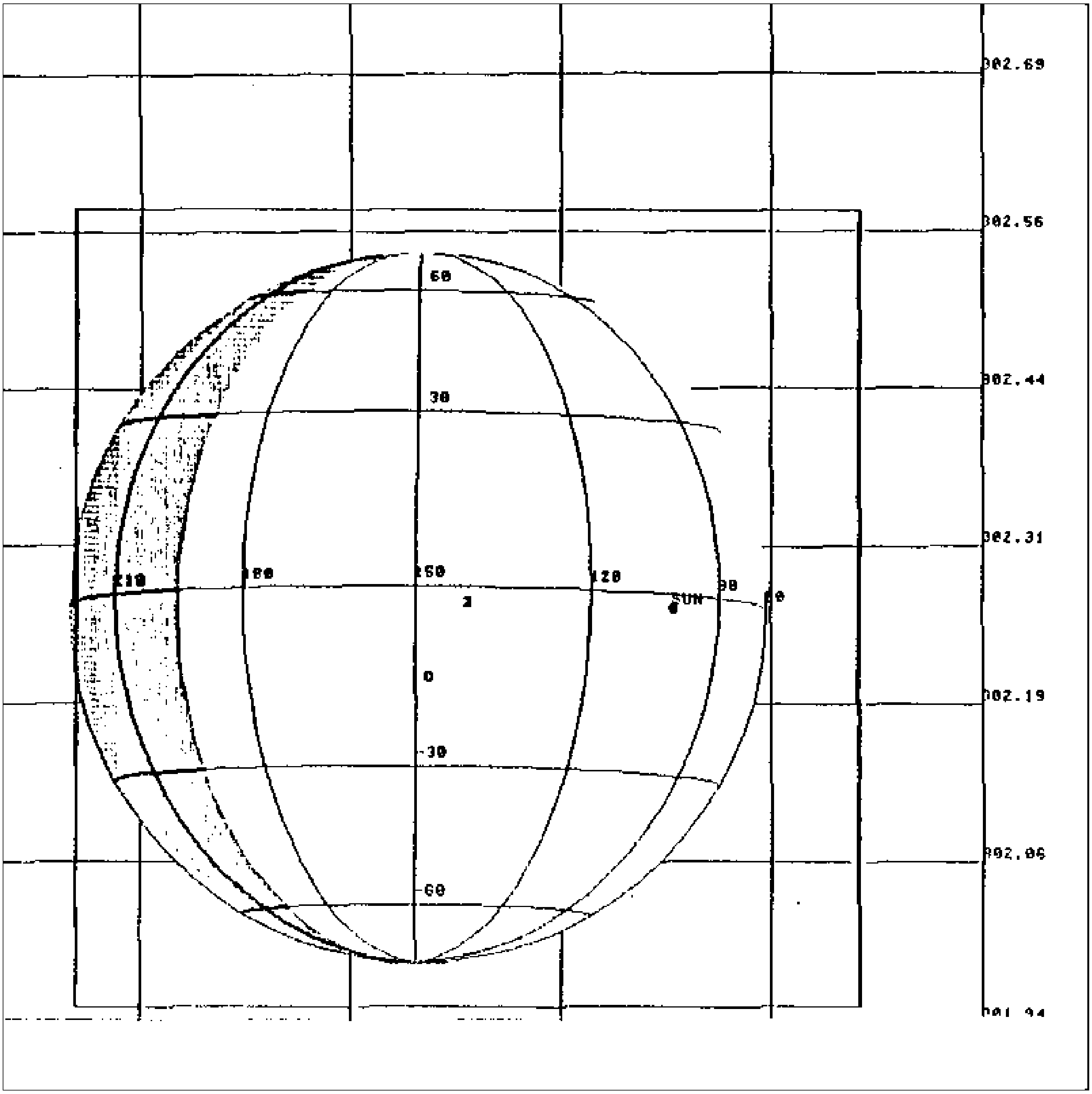
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 176., xxx, 810., xxx)

OBSERVATION: VGLI01



VGLI02 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

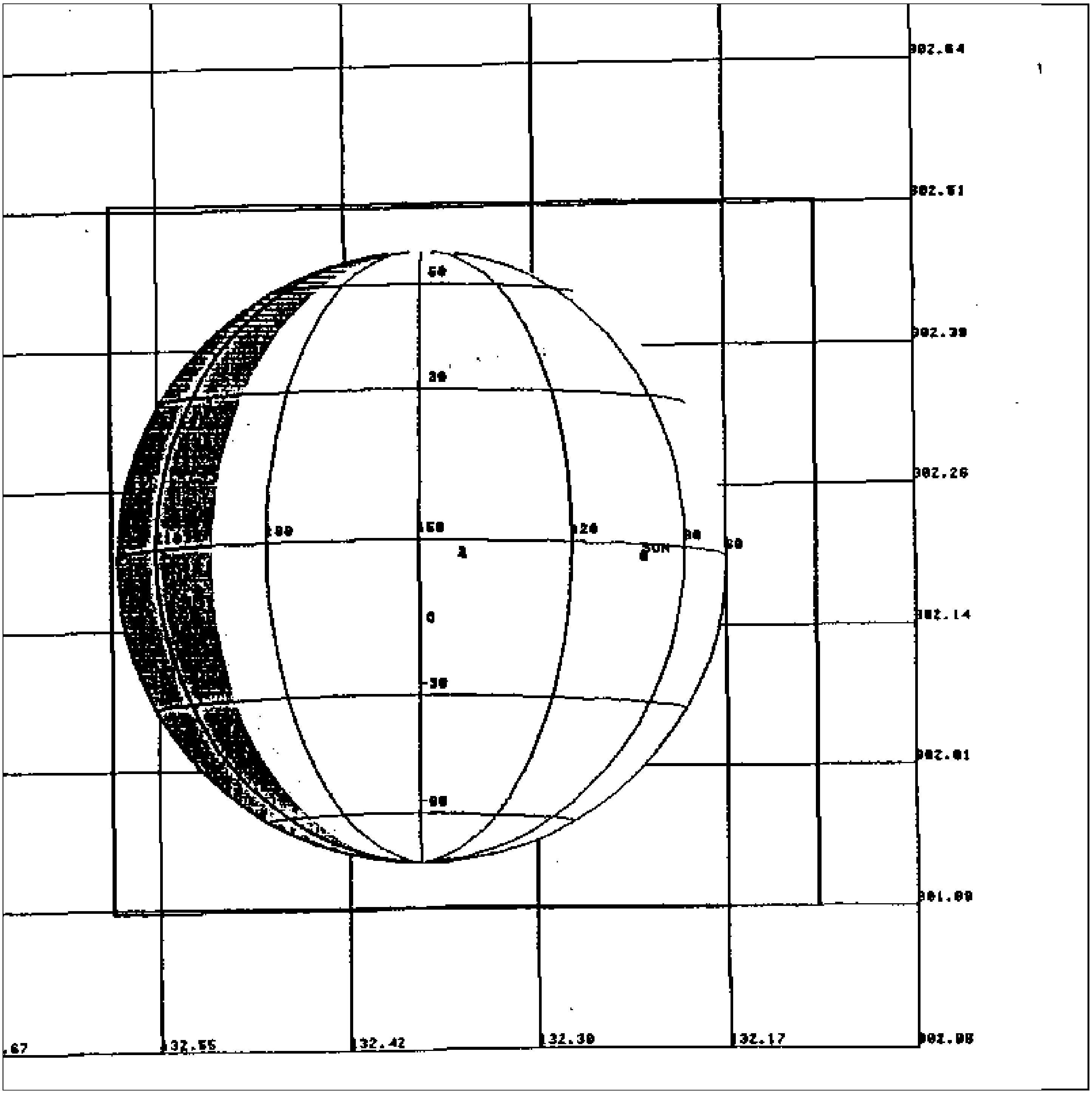
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 176., xxx, 832., xxx)

OBSERVATION: VGLI02



VGLIR03 : Venus Global, SSI Ride-Along

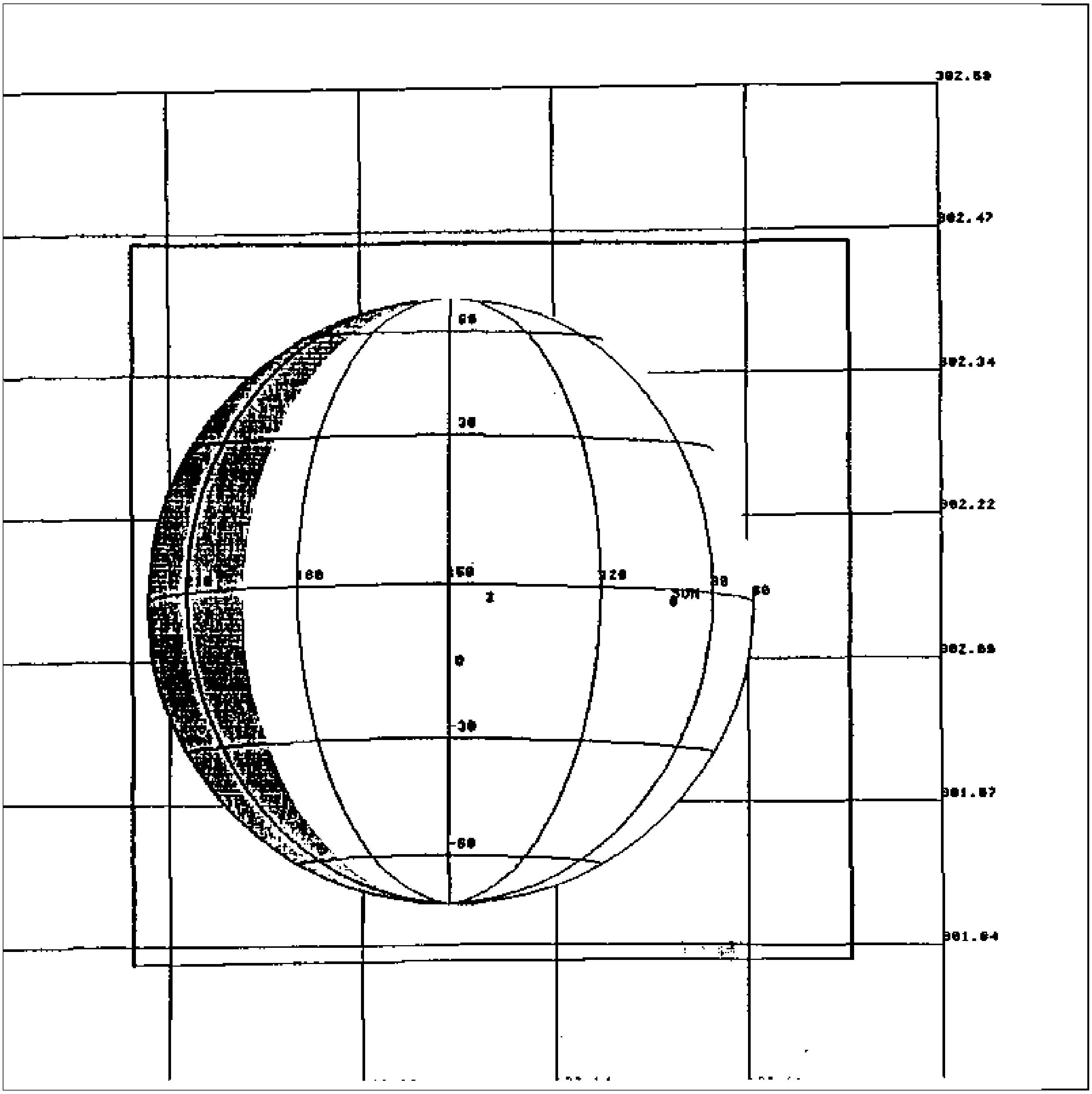
CENTRAL BODY:VENUS

PERIAPSIS:90-041/06:08:49.590

OBSERVATION: VGLIR03

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4
408 Wavelengths
1 SSI Footprint

Slew Rate: xxx mrad/sec, SMOS Scan
Plot Ref Time: Start of Mosaic
Lat, Lon, Range, Res, Phase: (3., 176., xxx, 854., xxx)



VGLIR04 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

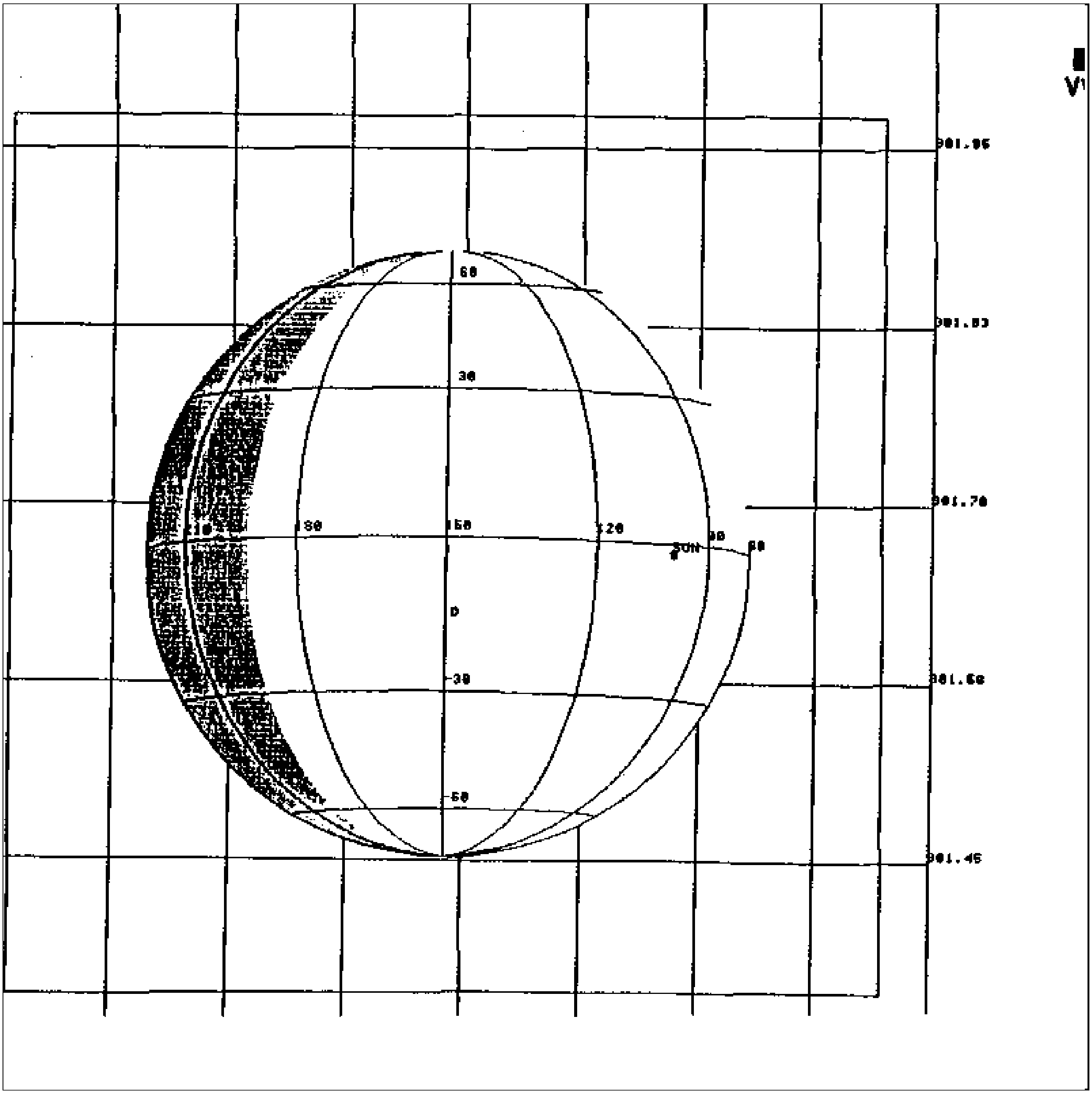
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 176., xxx, 877., xxx)

OBSERVATION: VGLIR04



VGL03 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 4, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

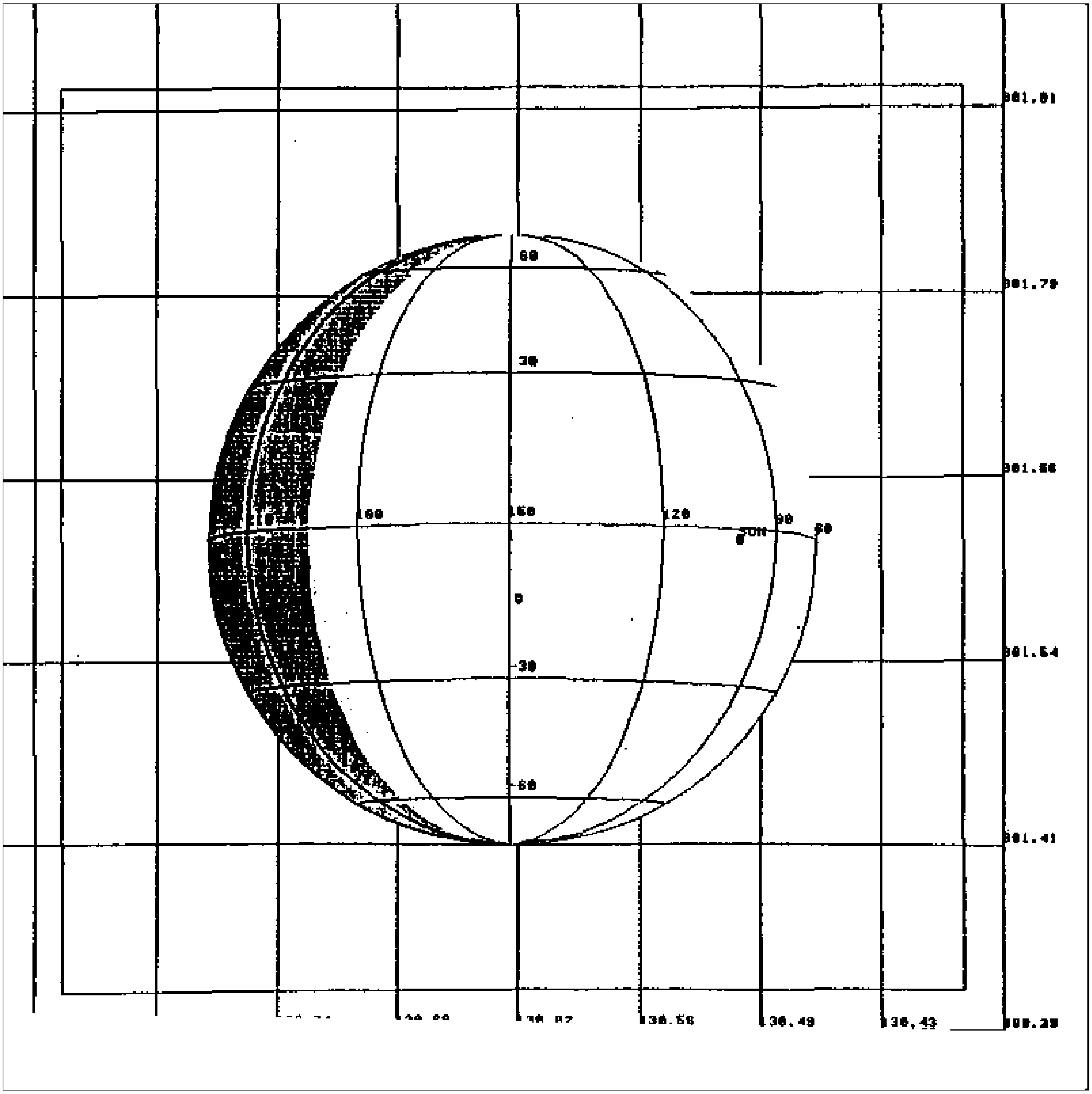
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 175., xxx, 1076., xxx)

OBSERVATION: VGL03



VGL04 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 4, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

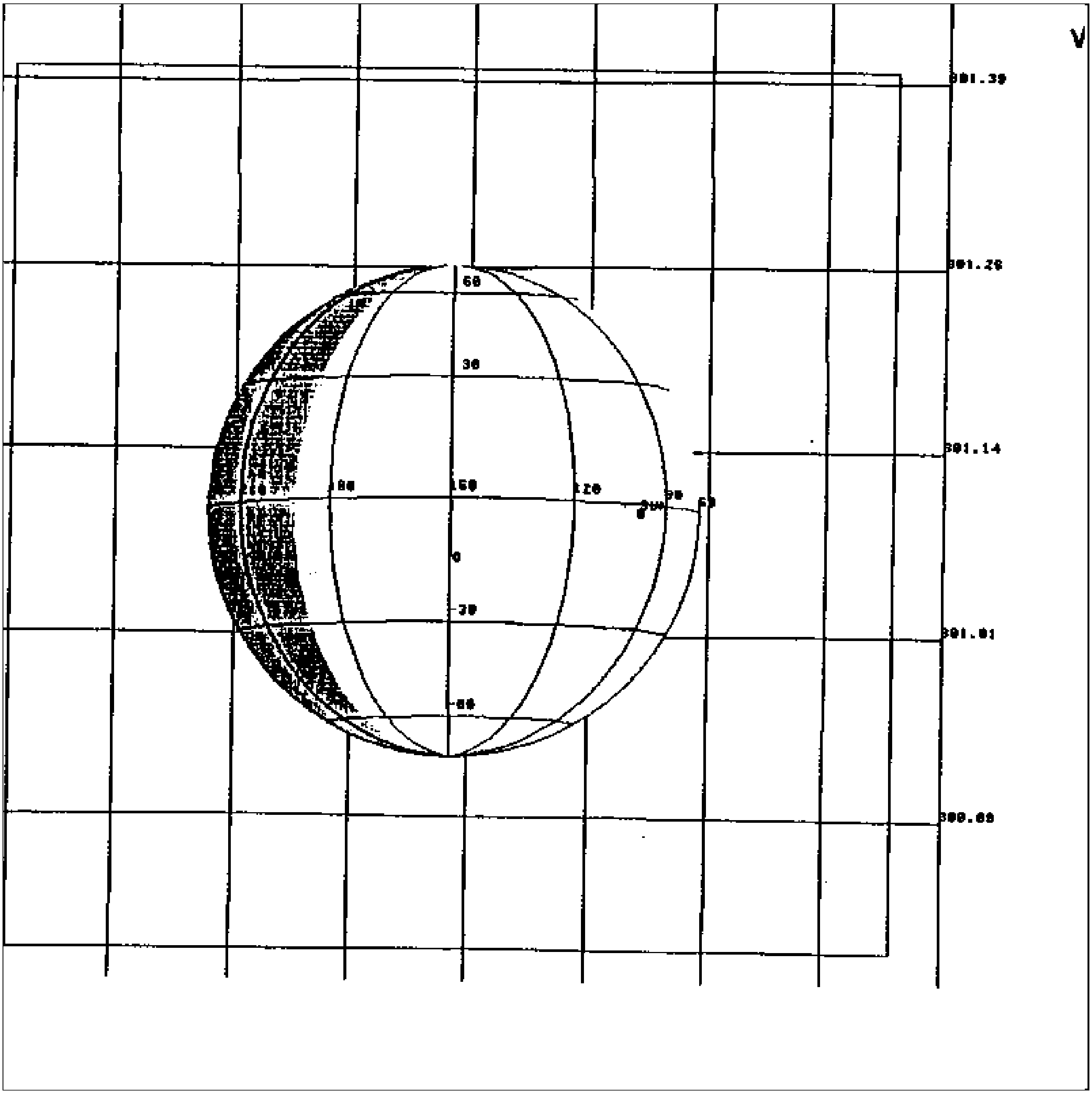
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 175., xxx, 1095., xxx)

OBSERVATION: VGL04



VGL05 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

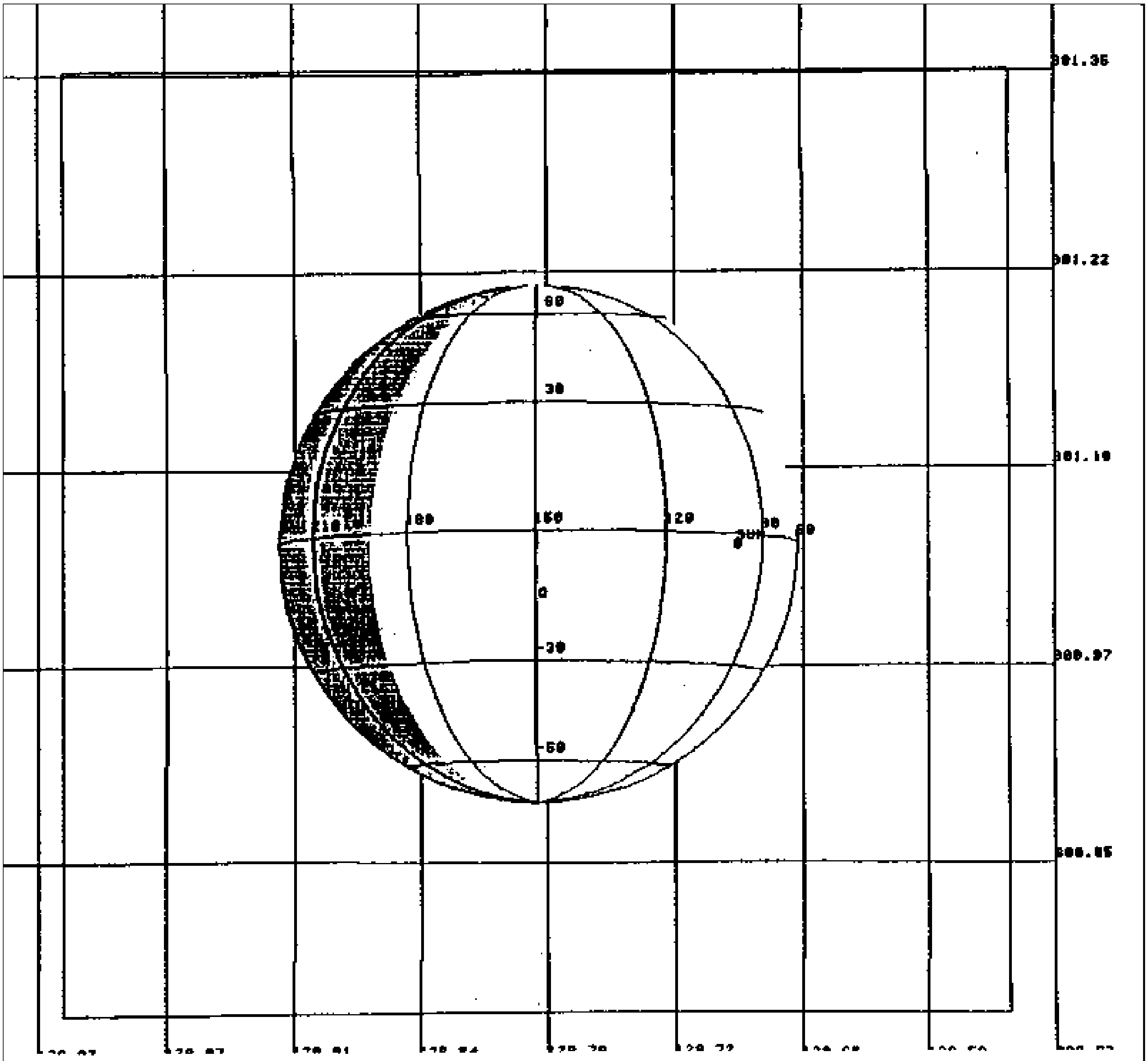
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 173., xxx, 1335., xxx)

OBSERVATION: VGL05



VGL06 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 1, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

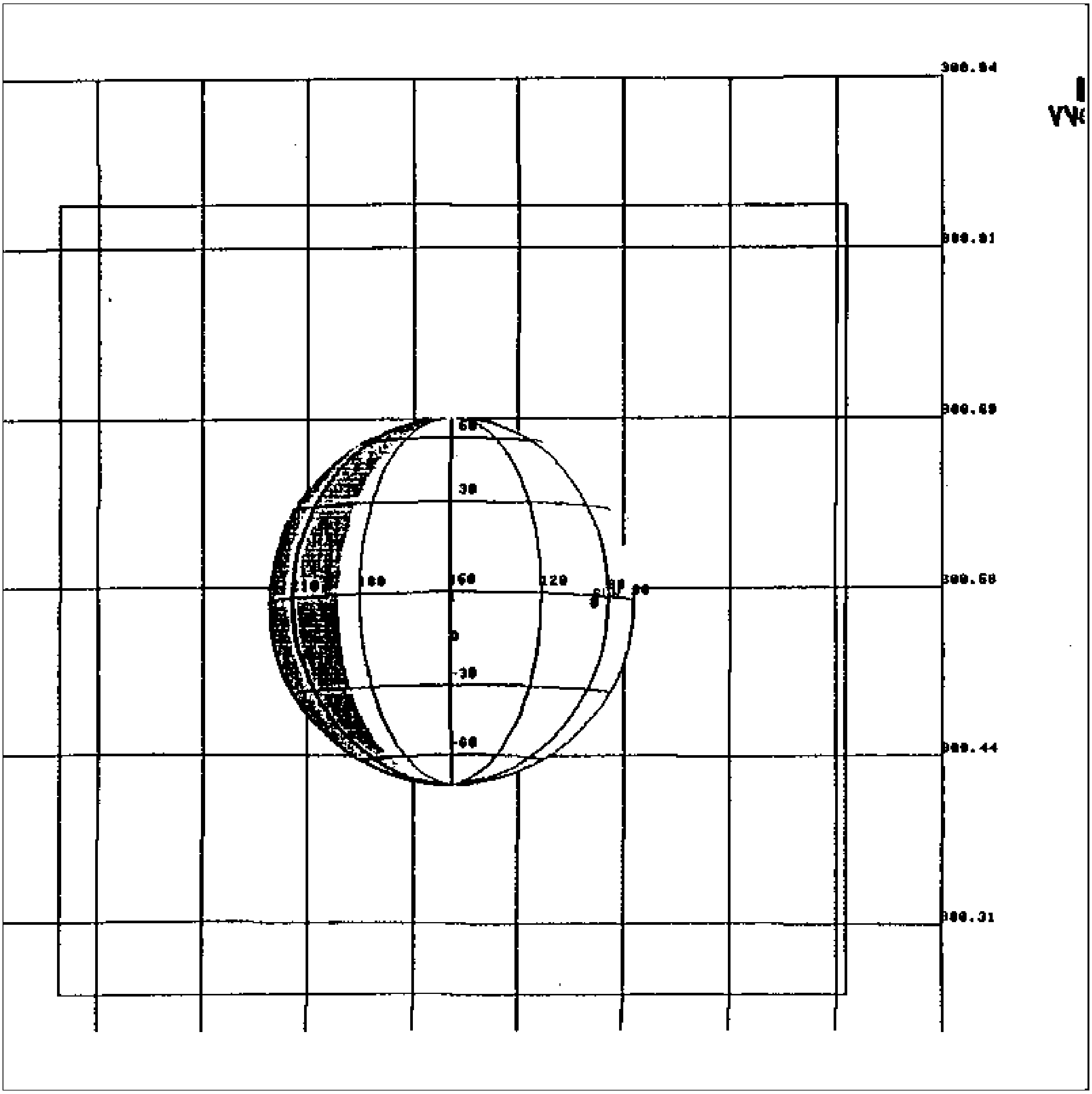
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 173., xxx, 1357., xxx)

OBSERVATION: VGL06



VGL07 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4
408 Wavelengths

CENTRAL BODY:VENUS

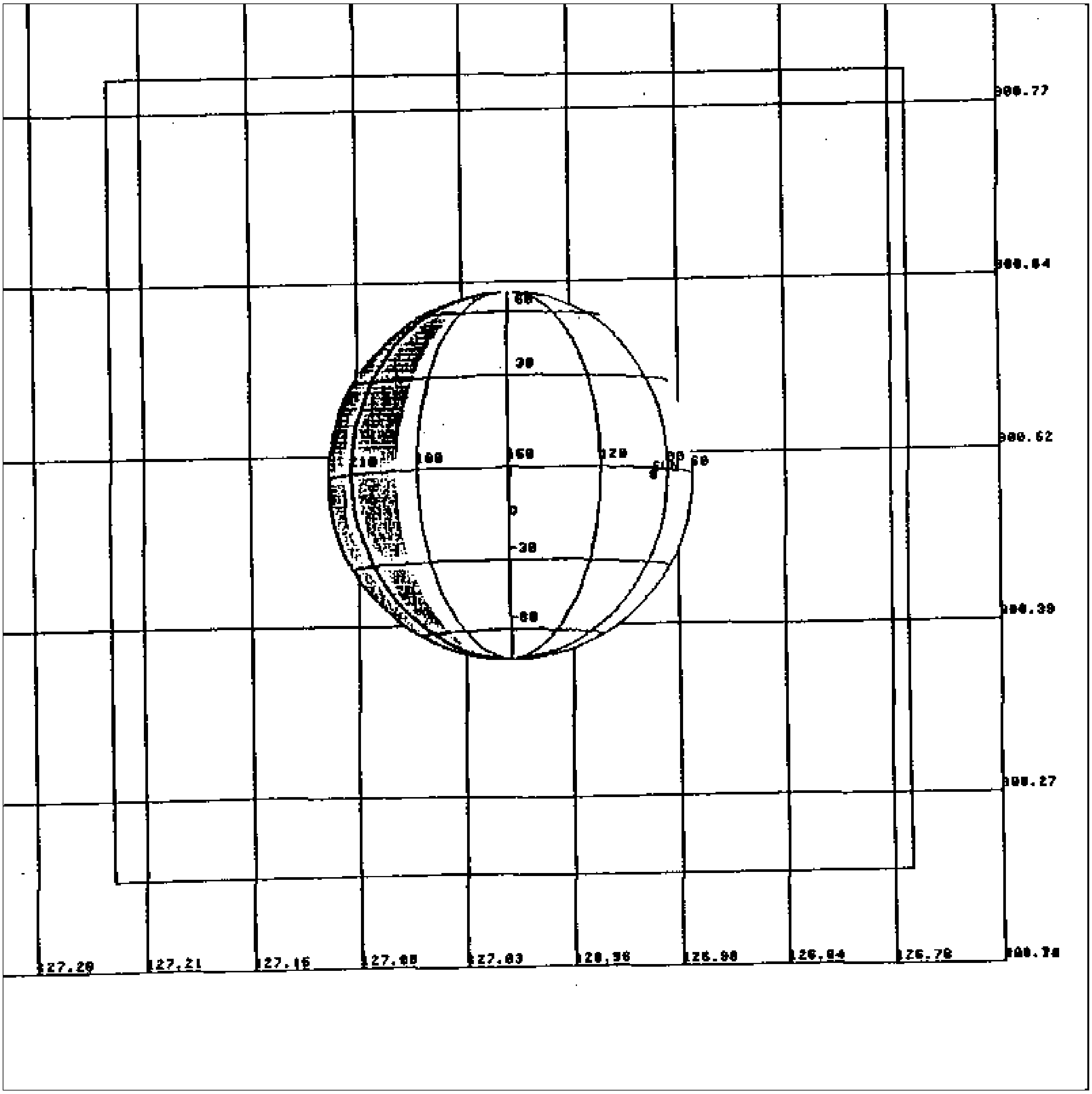
1 SSI Footprint

Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic
Lat, Lon, Range, Res, Phase: (3., 172., xxx, 1597., xxx)

OBSERVATION: VGL07



VGL08 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 2, Chop Ref, Gr_Off 4

408 Wavelengths

CENTRAL BODY:VENUS

1 SSI Footprint

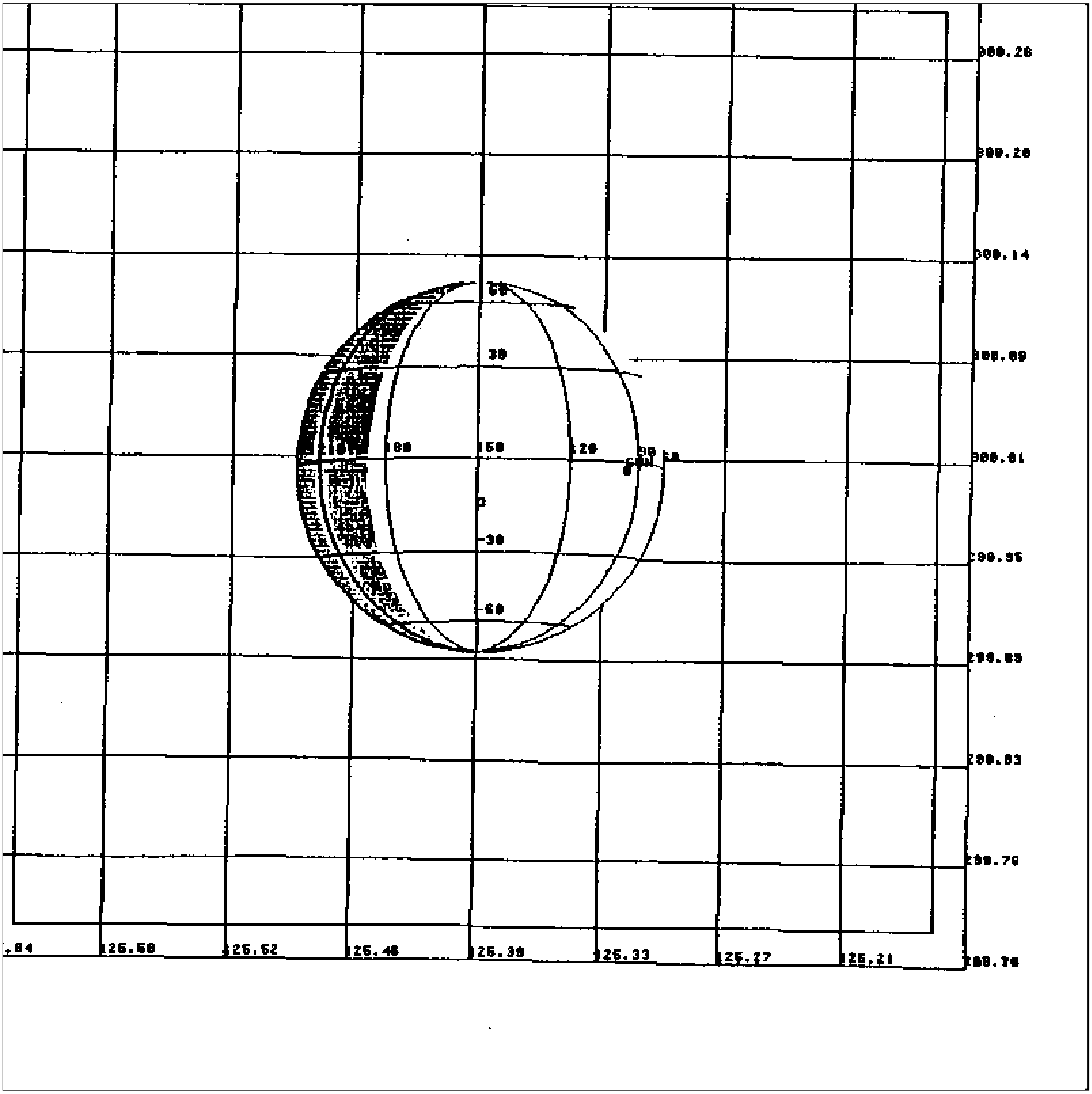
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 172., xxx, 1619., xxx)

OBSERVATION: VGL08



VGL09 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4
408 Wavelengths
1 SSI Footprint

CENTRAL BODY:VENUS

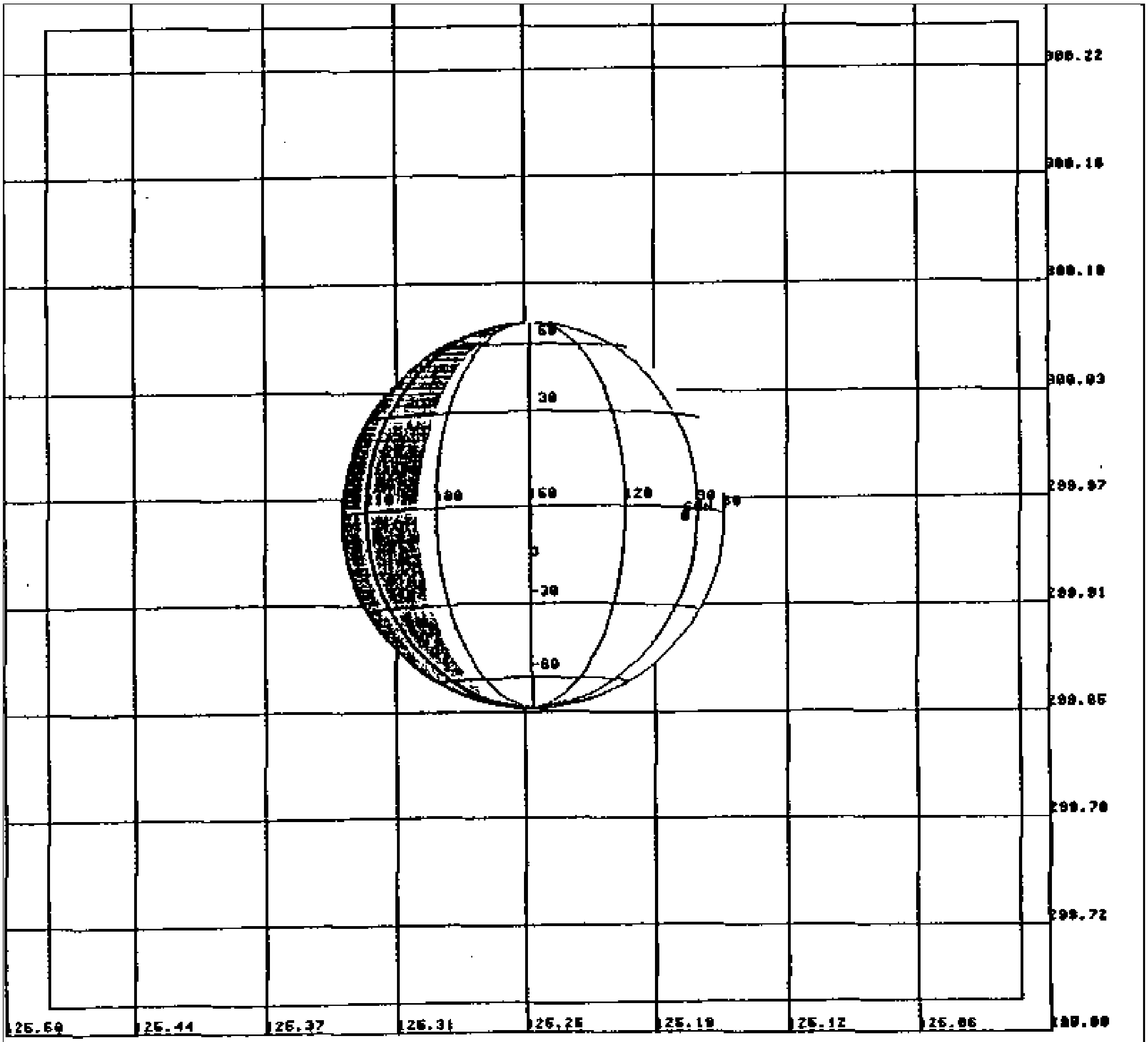
Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 170., xxx, 1860., xxx)

OBSERVATION: VGL09



VGL10 : Venus Global, SSI Ride-Along

Mode: LM, Gr_Strt 0, Gain 3, Chop Ref, Gr_Off 4
408 Wavelengths
1 SSI Footprint

CENTRAL BODY:VENUS

Slew Rate: xxx mrad/sec, SMOS Scan

PERIAPSIS:90-041/06:08:49.590

Plot Ref Time: Start of Mosaic

Lat, Lon, Range, Res, Phase: (3., 170., xxx, 1881., xxx)

OBSERVATION: VGL10