

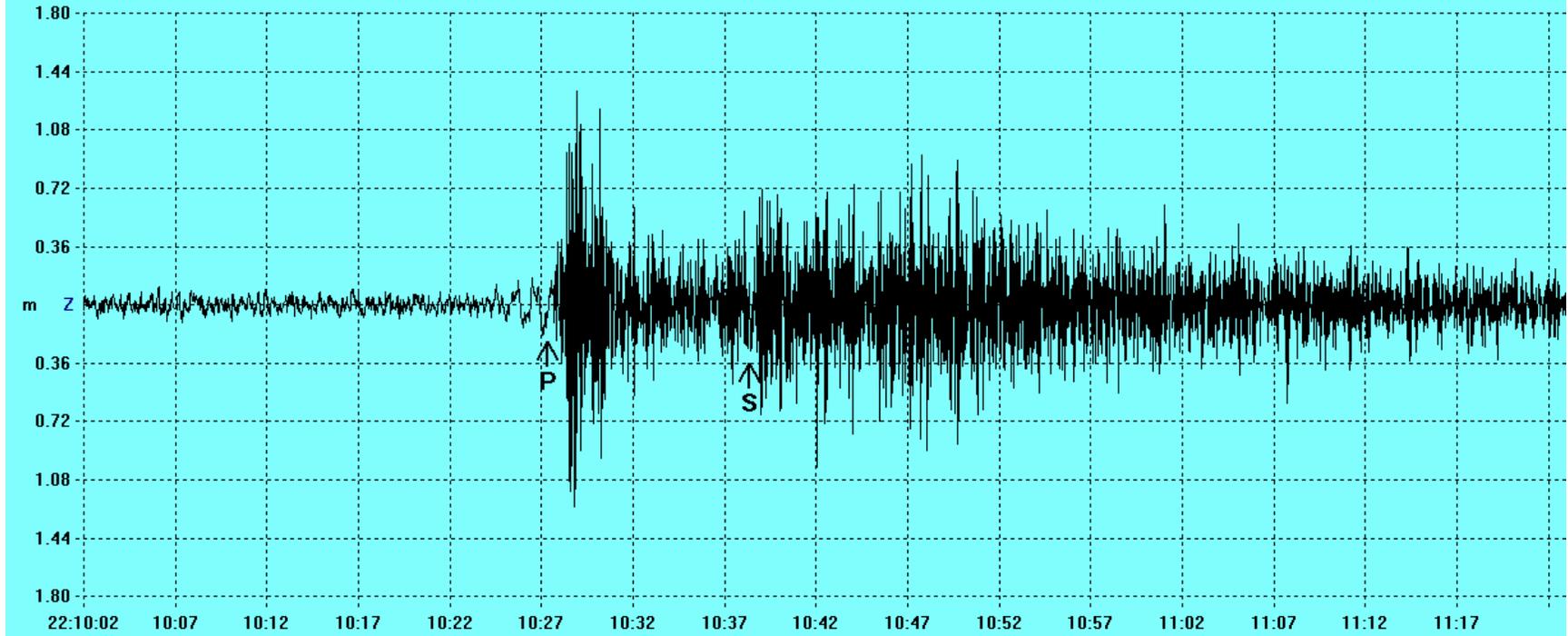
Apêndice

Detonações Realizadas no Canteiro de Obras da UHE Santo Antônio

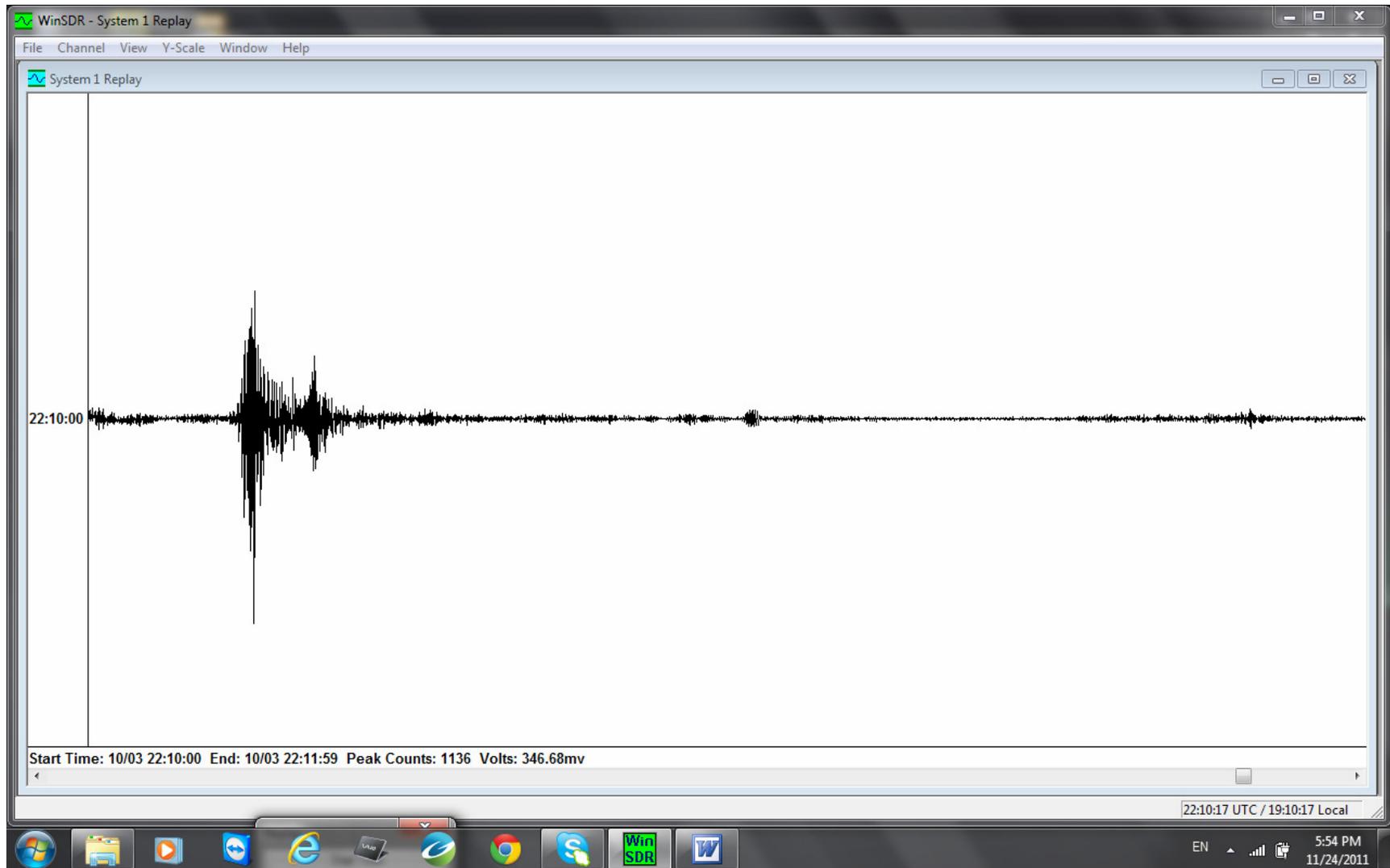
**Outubro
2011**

**Registros da Estação Sismológica de
Samuel (SAML) e da Estação SANT1**

Start: 10/03/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 1.21.0 Y: 1.8m Max/Min: 3874/-5154 Peak: 1.755 m/sec View Peak: 1.319 m/sec
Org: 22:10:12.4 P: 22:10:27.3 S: 22:10:38.3 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

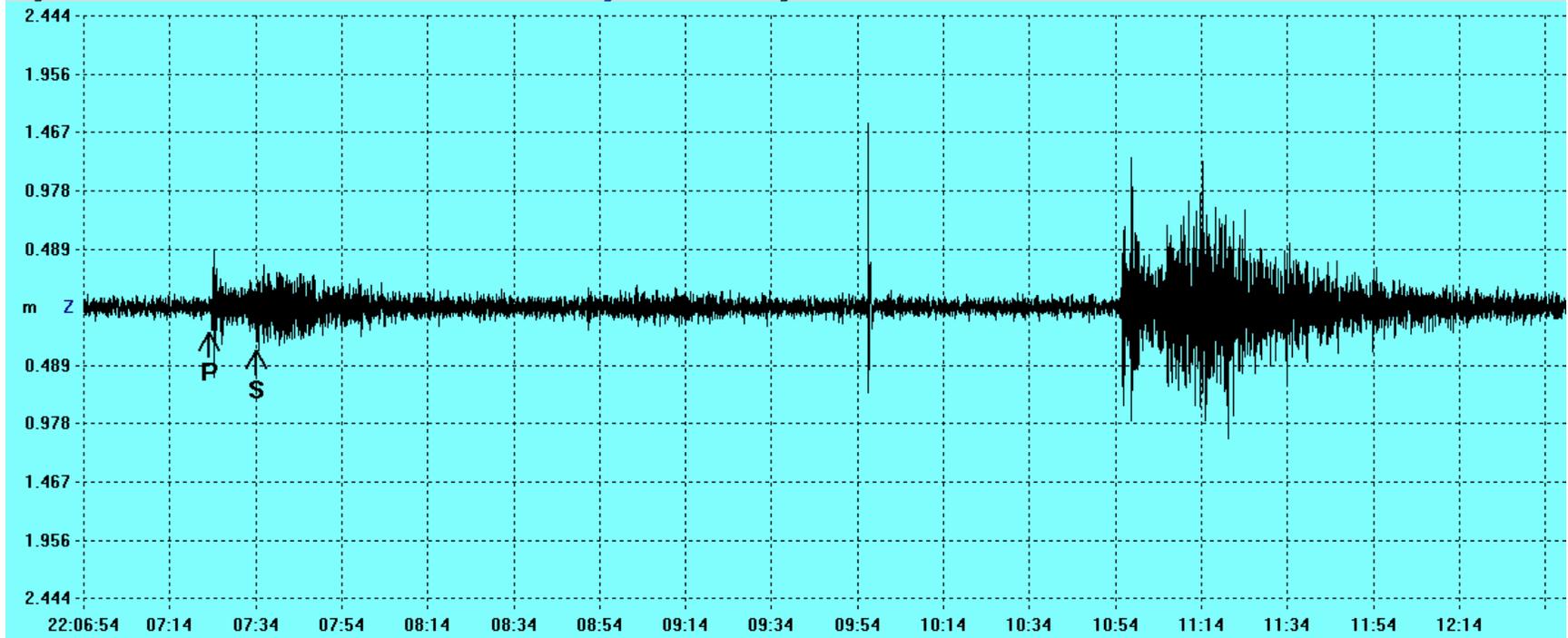


Evento 1

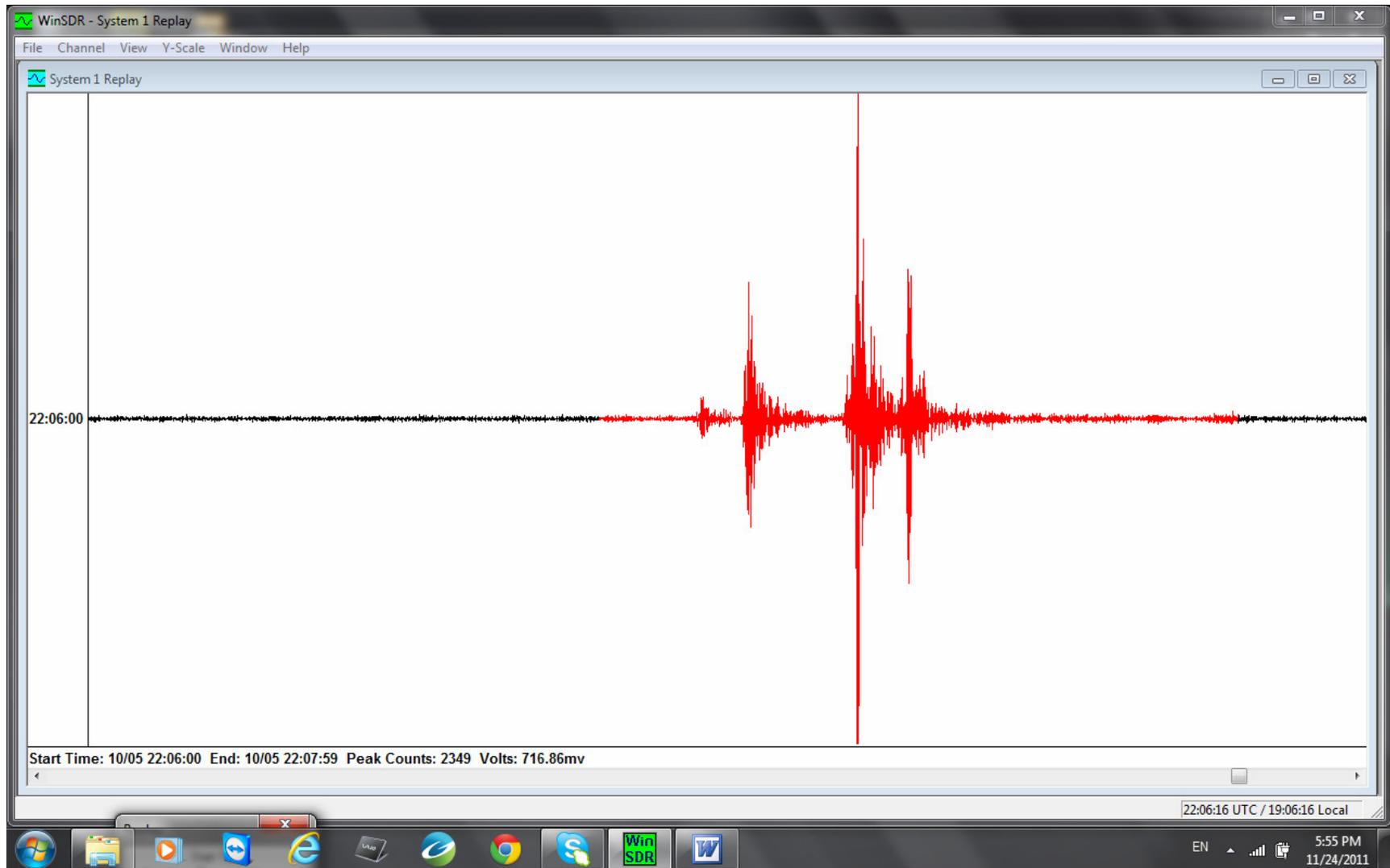


Registro da estação SANT1 correspondente aos dados acima.

Start: 10/05/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:45.0 Y: 2.44444m Max/Min: 30688/-18508 Peak: 10.45 m/sec View Peak: 1.536 m/sec
Org: 22:07:08.2 P: 22:07:23.1 S: 22:07:34.1 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

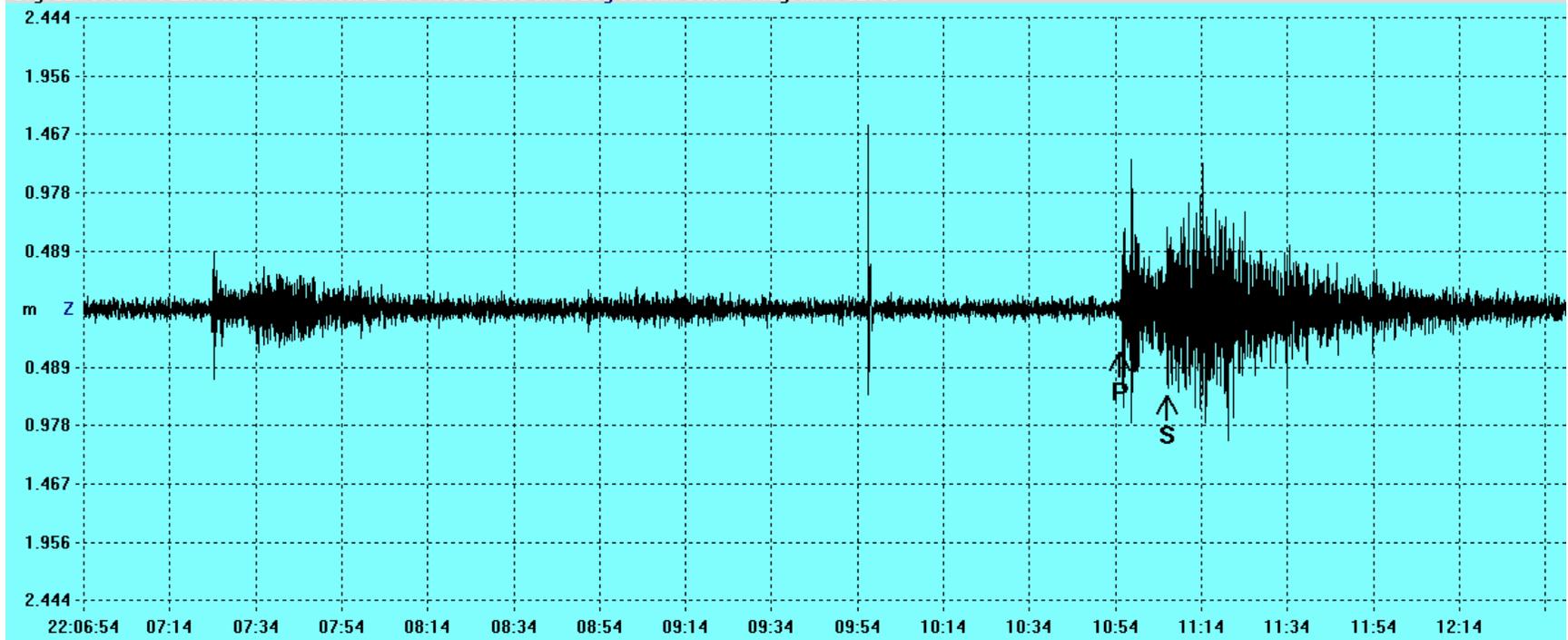


Evento 2



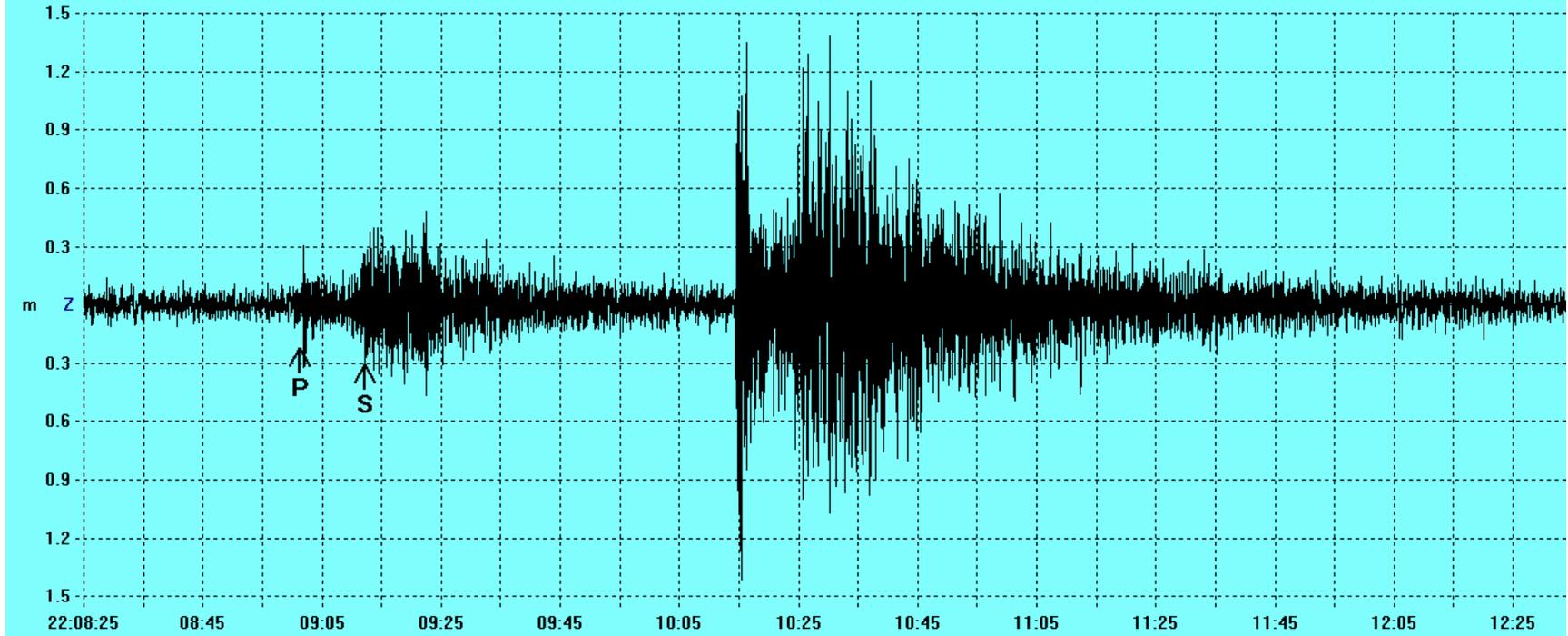
Registro da estação SANT1 correspondente aos dados acima.

Start: 10/05/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:45.0 Y: 2.44444m Max/Min: 30688/-18508 Peak: 10.45 m/sec View Peak: 1.536 m/sec
Org: 22:10:40.1 P: 22:10:55.0 S: 22:11:06.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



Evento 2

Start: 10/06/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 4.09.0 Y: 1.5m Max/Min: 4049/-4142 Peak: 1.411 m/sec View Peak: 1.411 m/sec
Org: 22:08:46.3 P: 22:09:01.2 S: 22:09:12.2 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

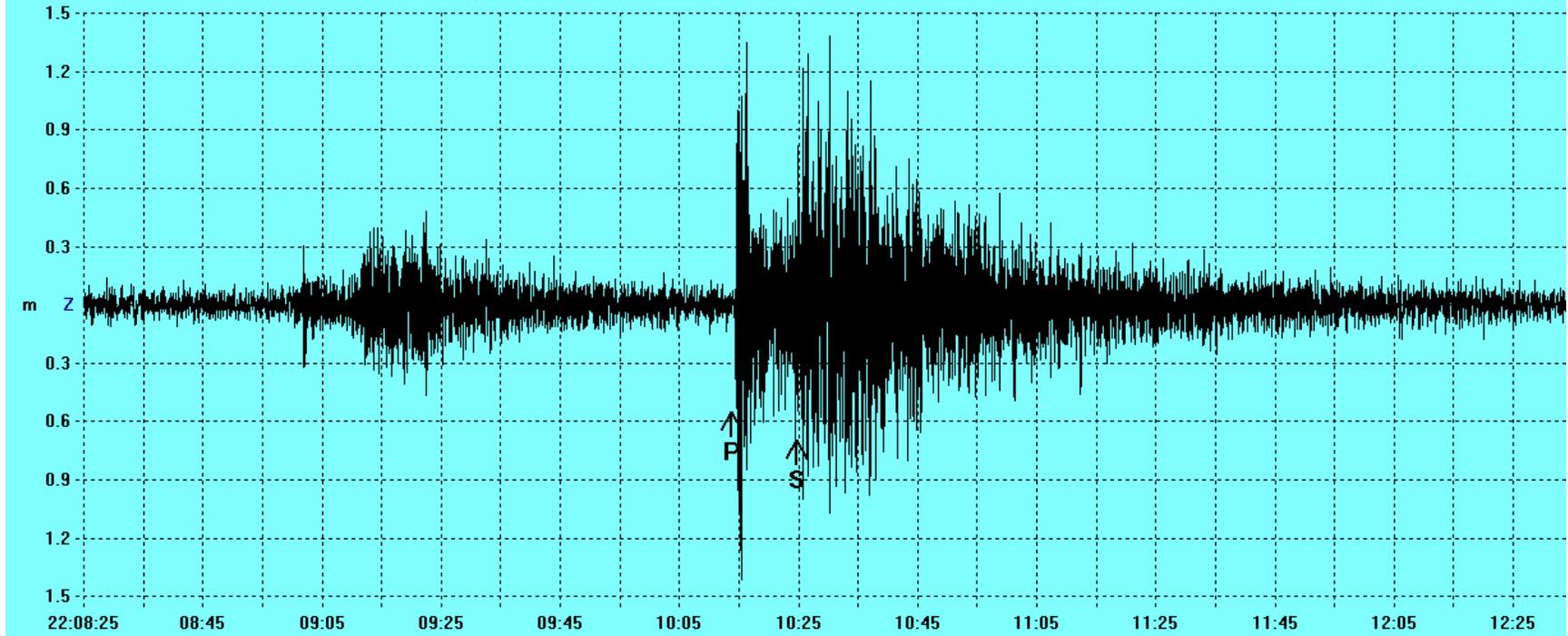


Evento 3



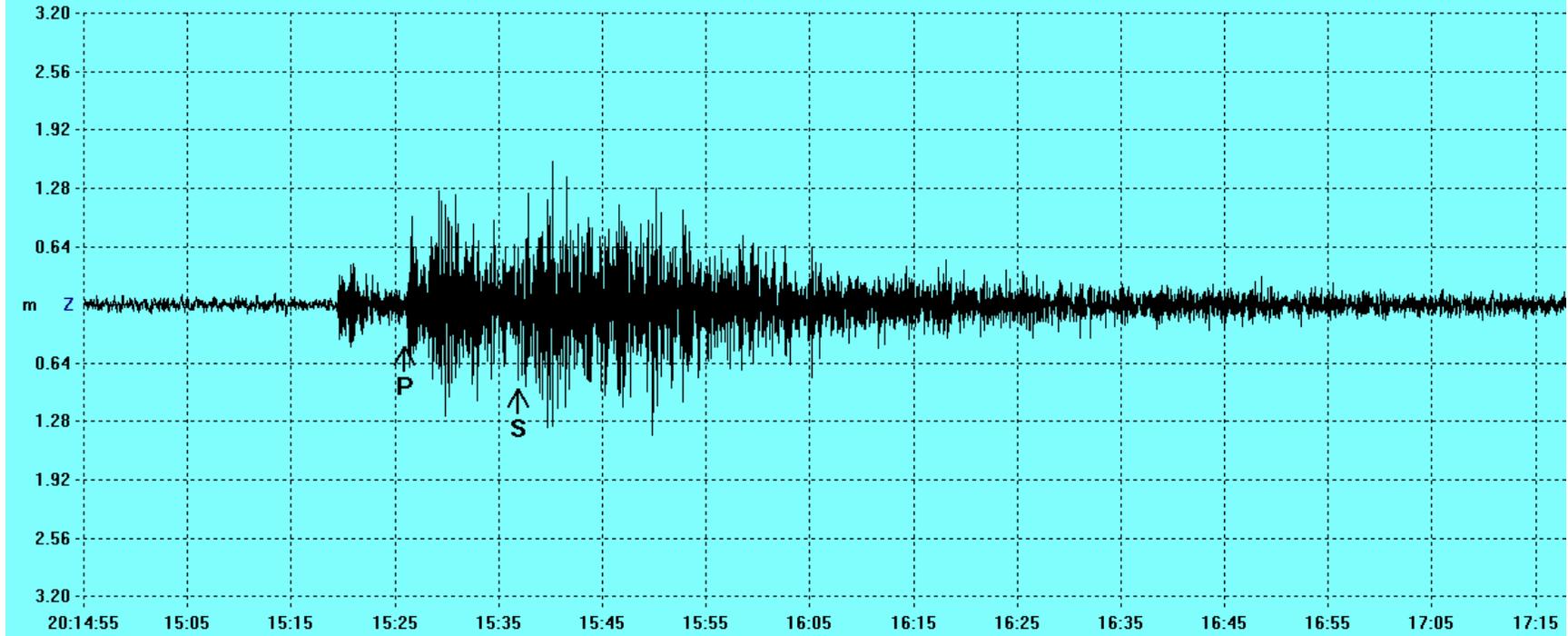
Registro da estação SANT1 correspondente aos dados acima.

Start: 10/06/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 4.09.0 Y: 1.5m Max/Min: 4049/-4142 Peak: 1.411 m/sec View Peak: 1.411 m/sec
Org: 22:09:58.8 P: 22:10:13.7 S: 22:10:24.7 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

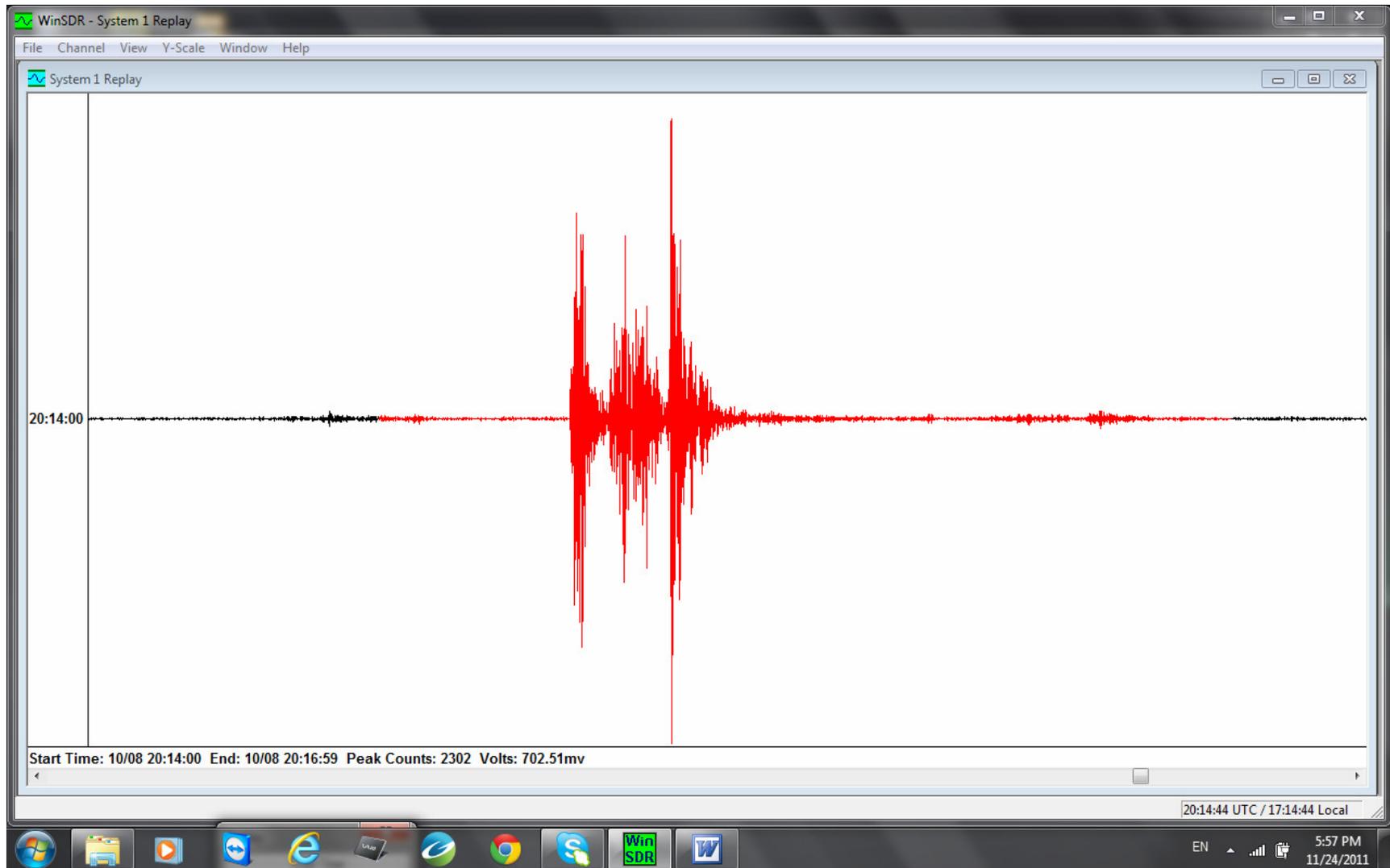


Evento 3

Start: 10/08/11 19:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 2:23.0 Y: 3.2m Max/Min: 18713/-9850 Peak: 6.372 m/sec View Peak: 1.575 m/sec
Org: 20:15:11.0 P: 20:15:25.9 S: 20:15:36.9 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

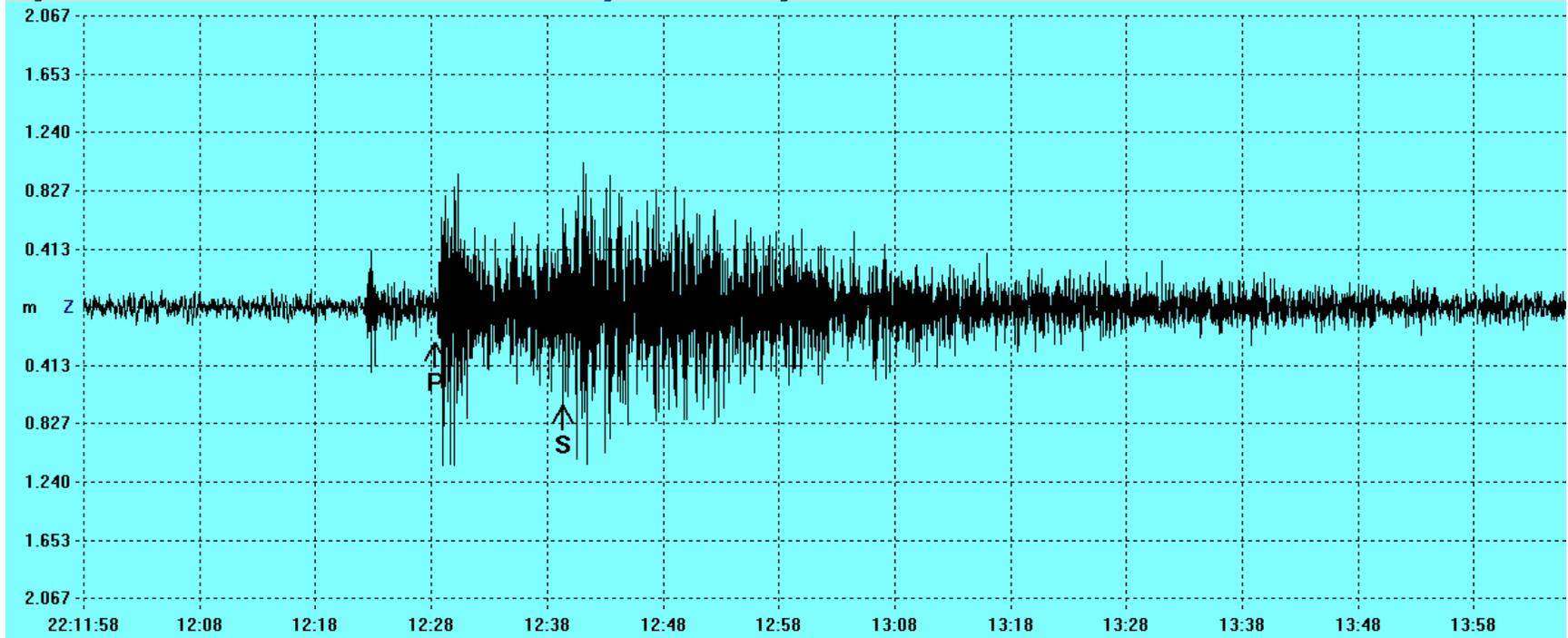


Evento 4

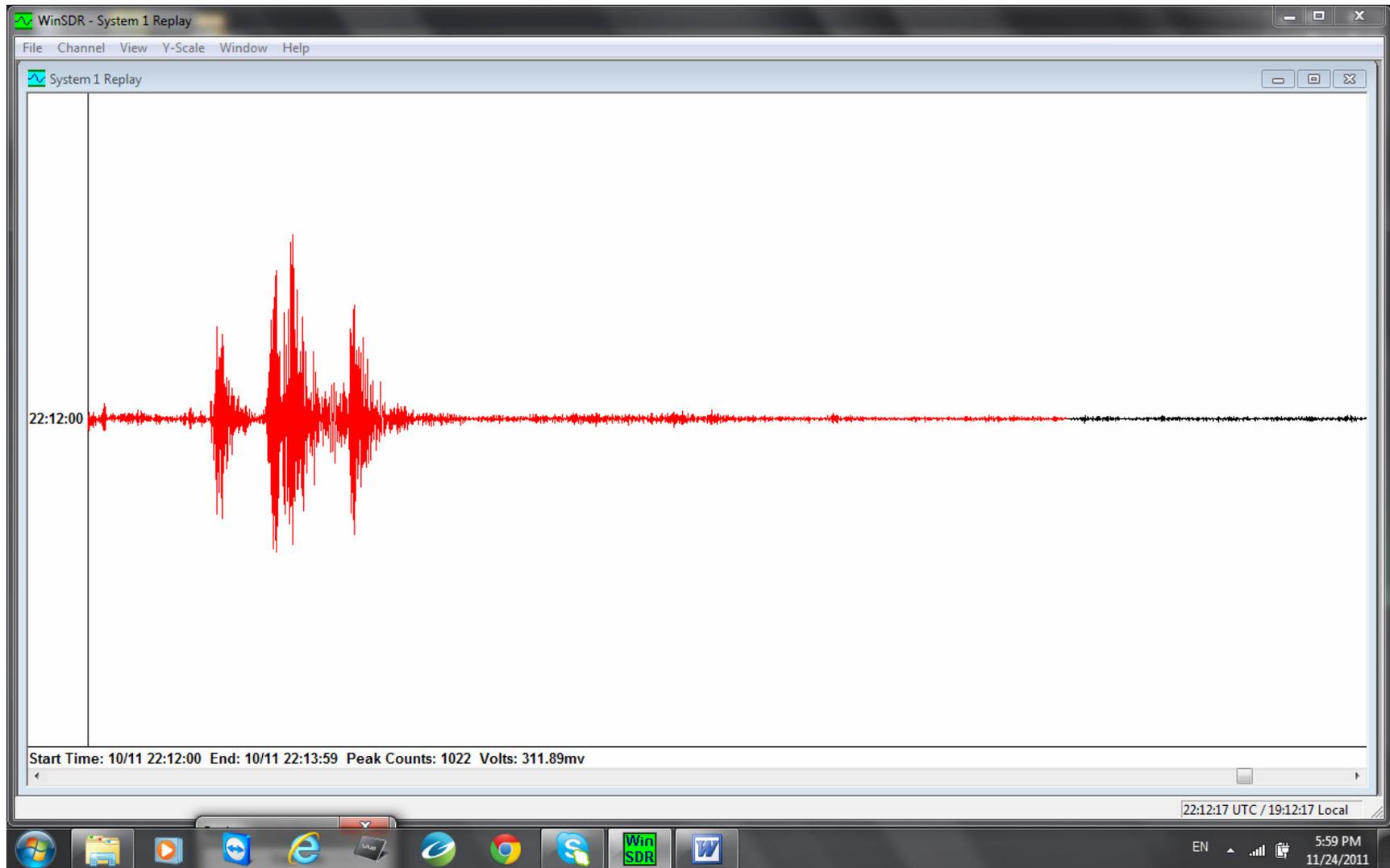


Registro da estação SANT1 correspondente aos dados acima.

Start: 10/11/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 2:08.0 Y: 2.06667m Max/Min: 40601/-88720 Peak: 30.21 m/sec View Peak: 1.125 m/sec
Org: 22:12:13.4 P: 22:12:28.3 S: 22:12:39.3 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

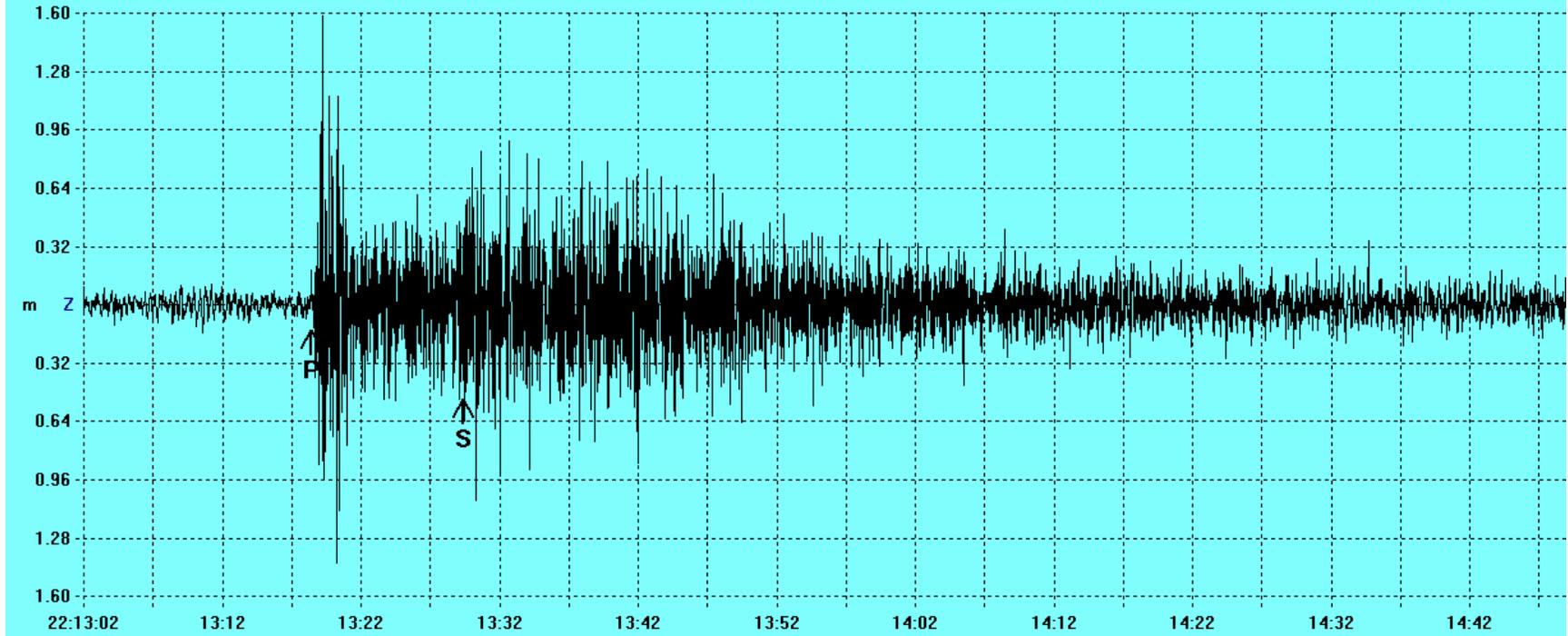


Evento 5



Registro da estação SANT1 correspondente aos dados acima.

Start: 10/14/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 1:47.0 Y: 1.6m Max/Min: 4645/-4155 Peak: 1.582 m/sec View Peak: 1.582 m/sec
Org: 22:13:03.5 P: 22:13:18.4 S: 22:13:29.4 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

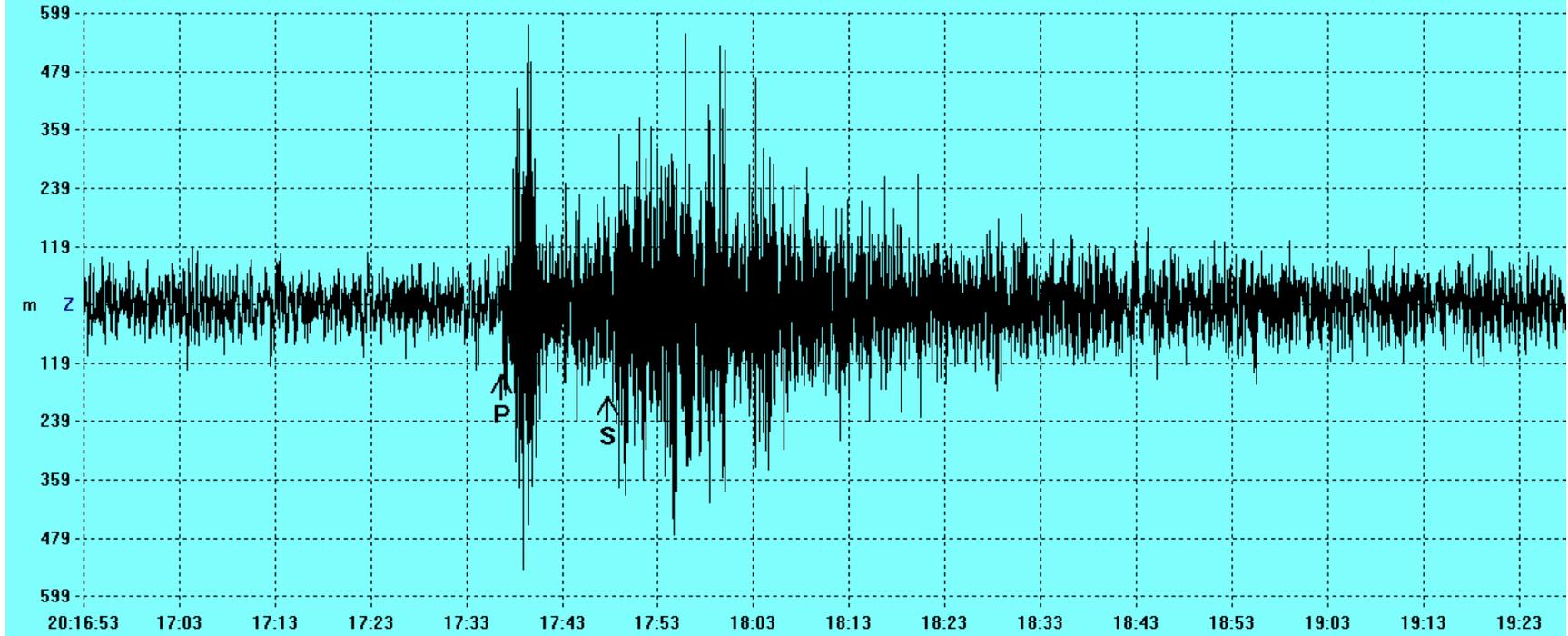


Evento 6

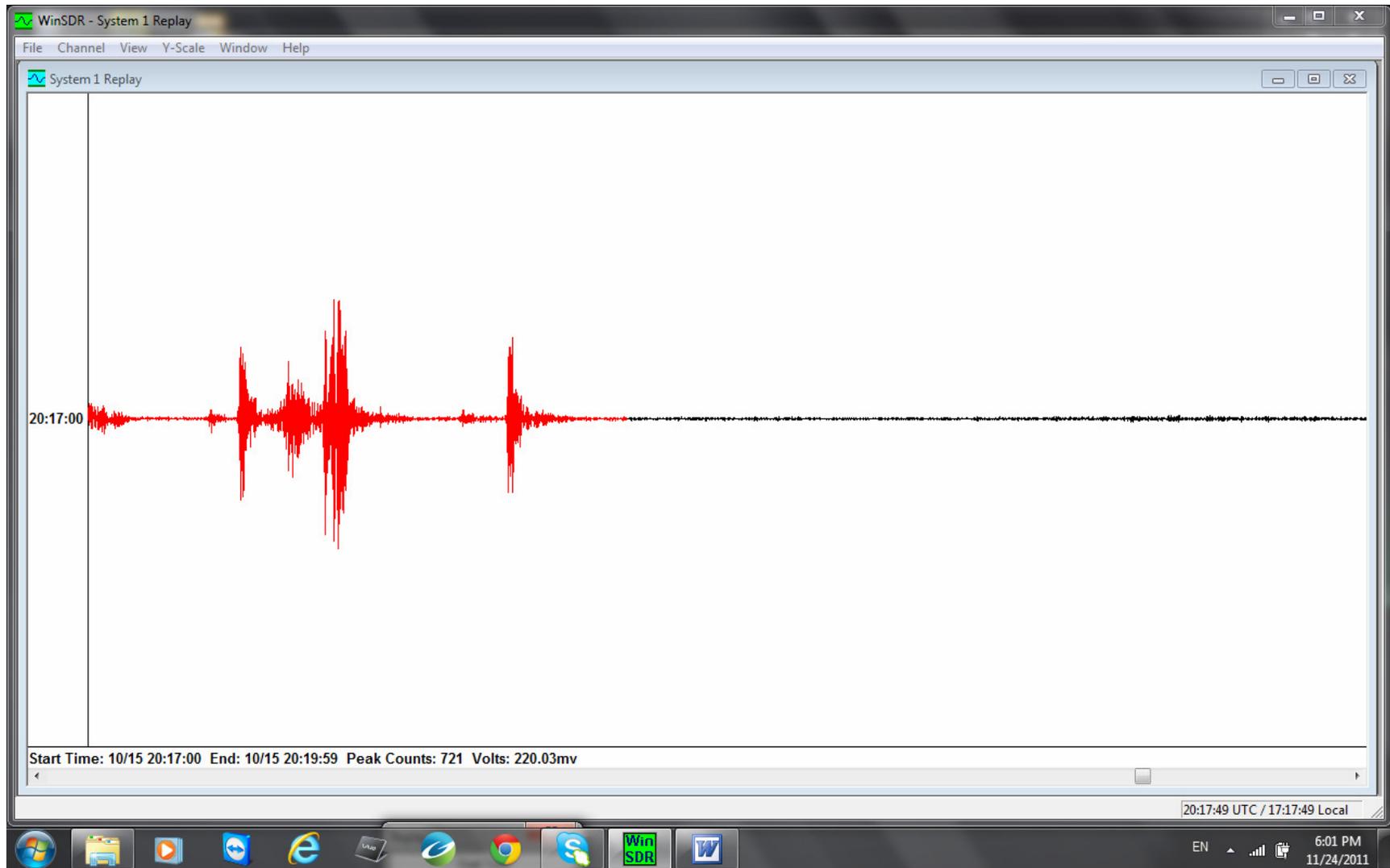


Registro da estação SANT1 correspondente aos dados acima.

Start: 10/15/11 19:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 2:35.0 Y: 600m Max/Min: 1689/-1594 Peak: 575.2 m/sec View Peak: 575.2 m/sec
Org: 20:17:21.8 P: 20:17:36.7 S: 20:17:47.7 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

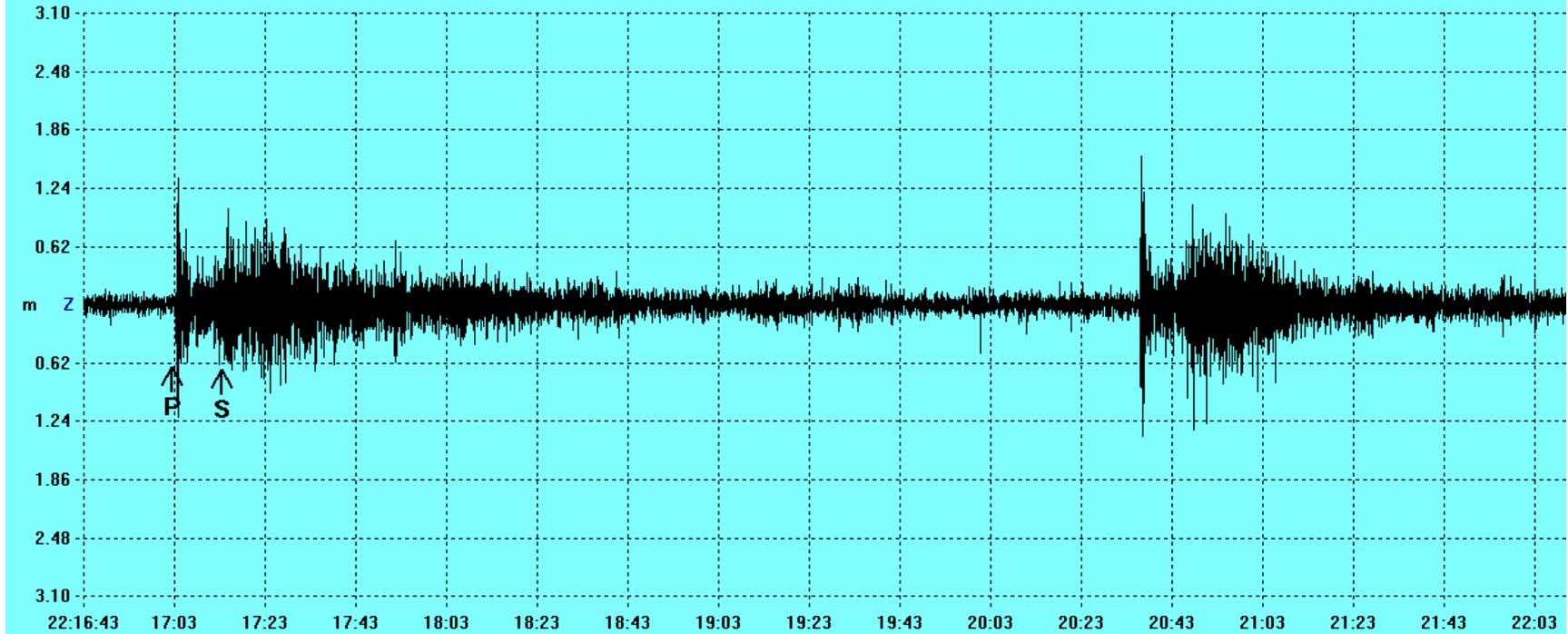


Evento 7

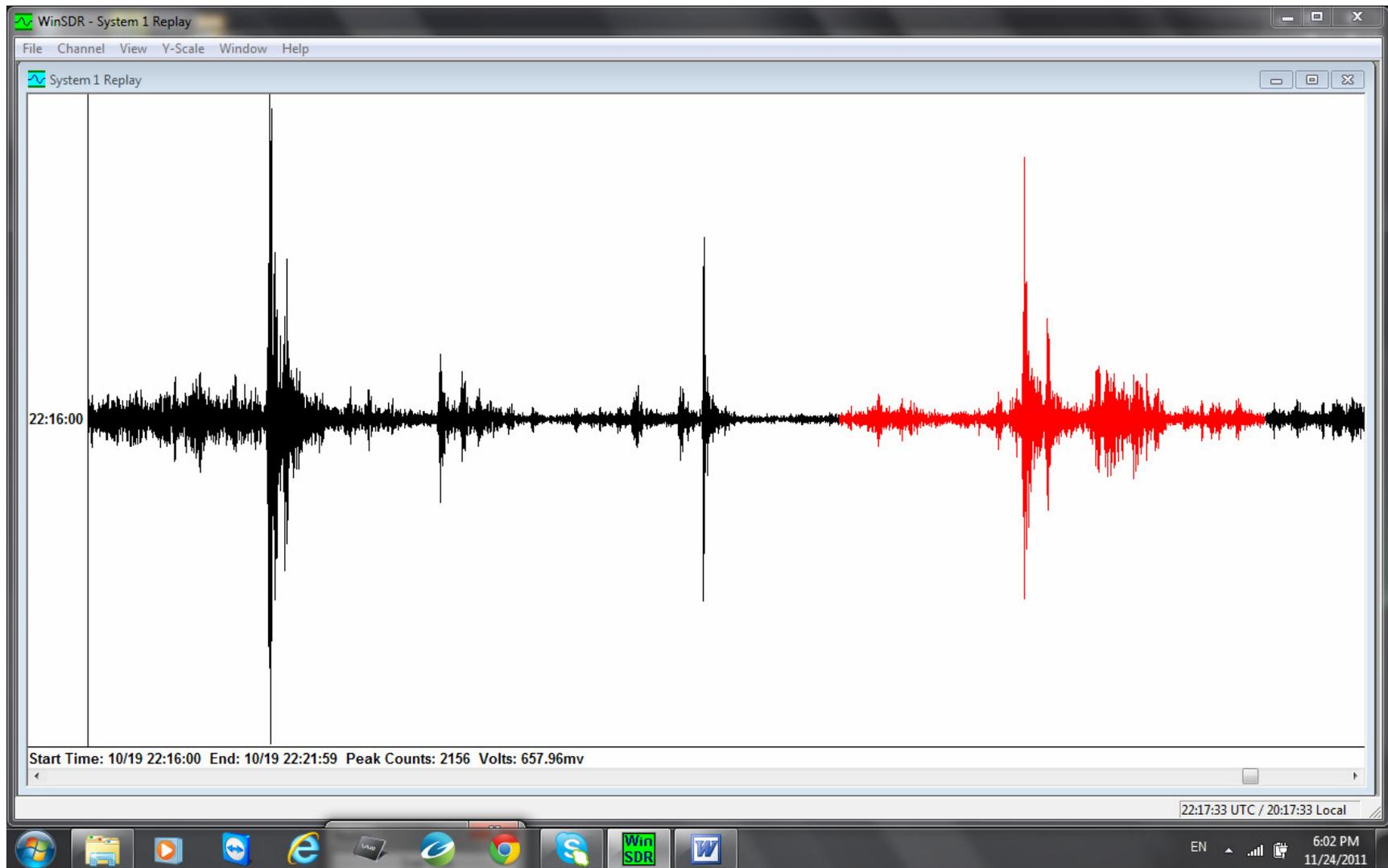


Registro da estação SANT1 correspondente aos dados acima.

Start: 10/19/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:27.0 Y: 3.1m Max/Min: 18044/-16968 Peak: 6.144 m/sec View Peak: 1.577 m/sec
Org: 22:16:47.5 P: 22:17:02.4 S: 22:17:13.4 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

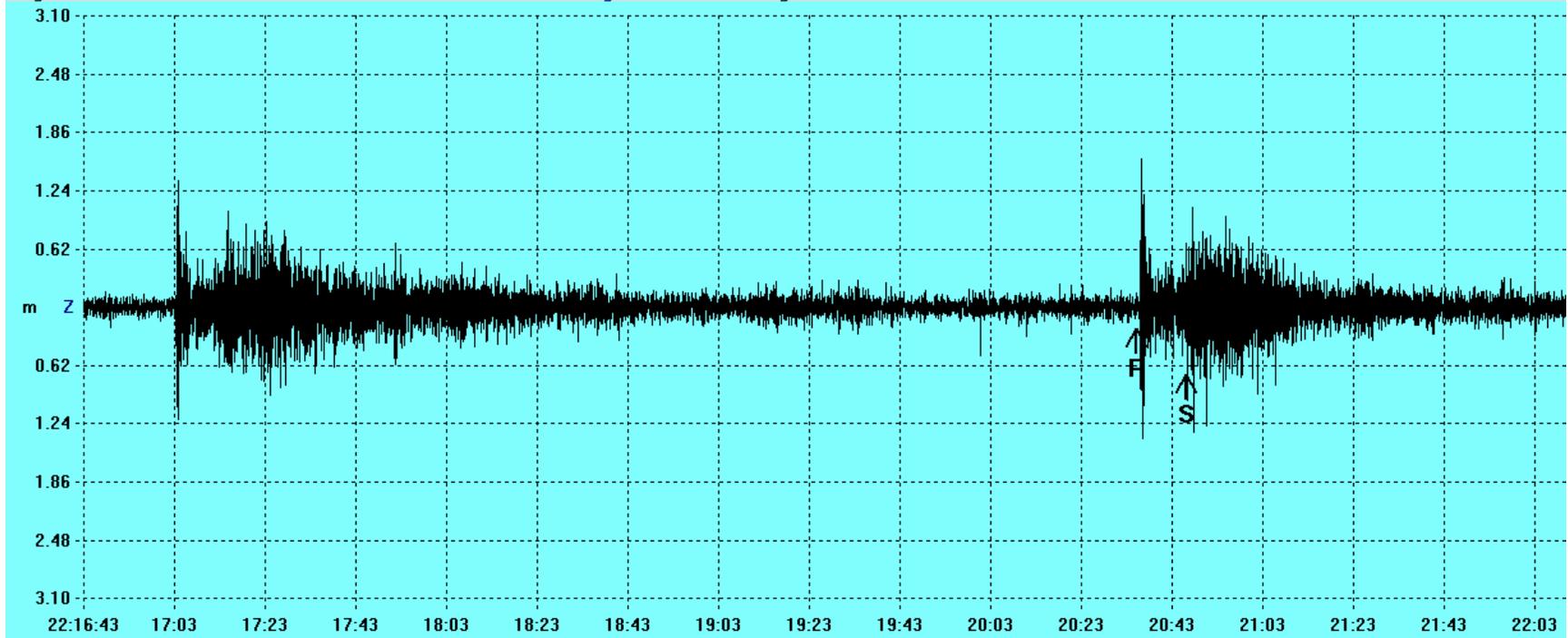


Evento 8



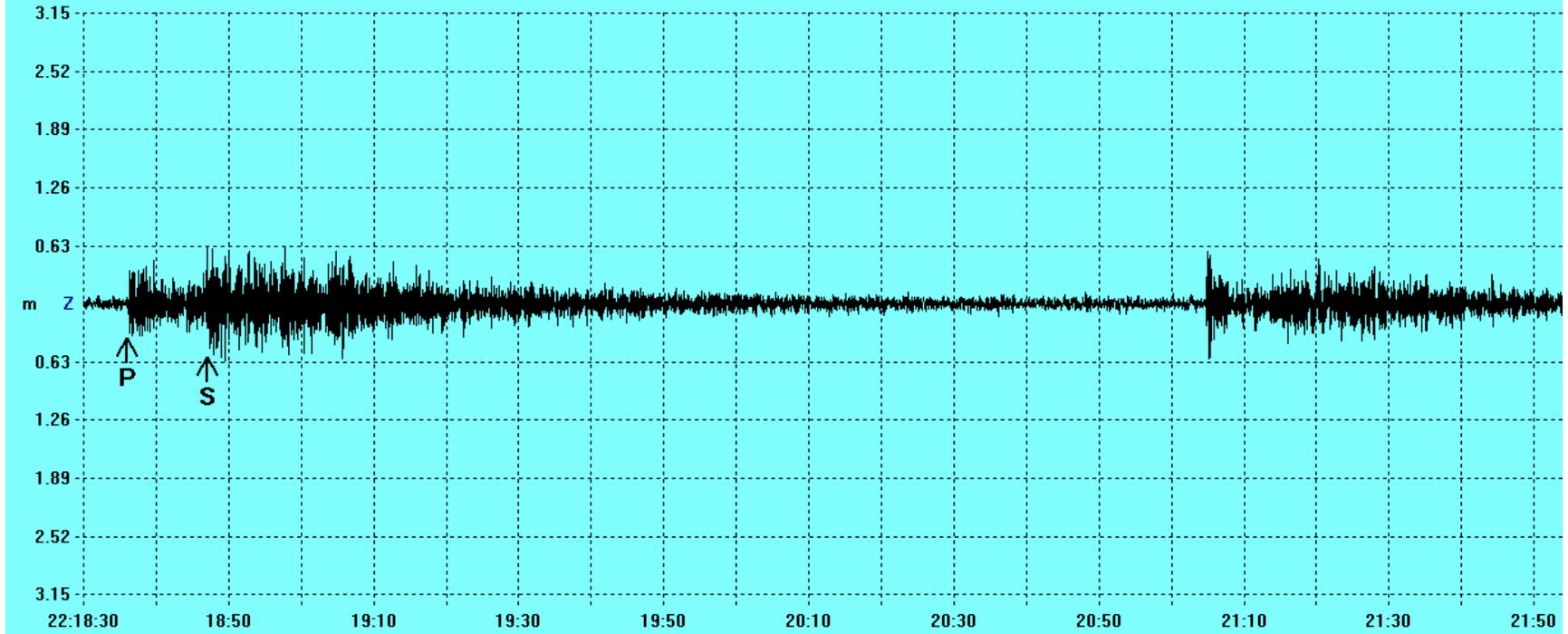
Registro da estação SANT1 correspondente aos dados acima.

Start: 10/19/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:27.0 Y: 3.1m Max/Min: 18044/-16968 Peak: 6.144 m/sec View Peak: 1.577 m/sec
Org: 22:20:20.2 P: 22:20:35.1 S: 22:20:46.1 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



Evento 8

Start: 10/20/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 3:24.0 Y: 3.15m Max/Min: 18452/-8119 Peak: 6.283 m/sec View Peak: 622 m/sec
Org: 22:18:21.1 P: 22:18:36.0 S: 22:18:47.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

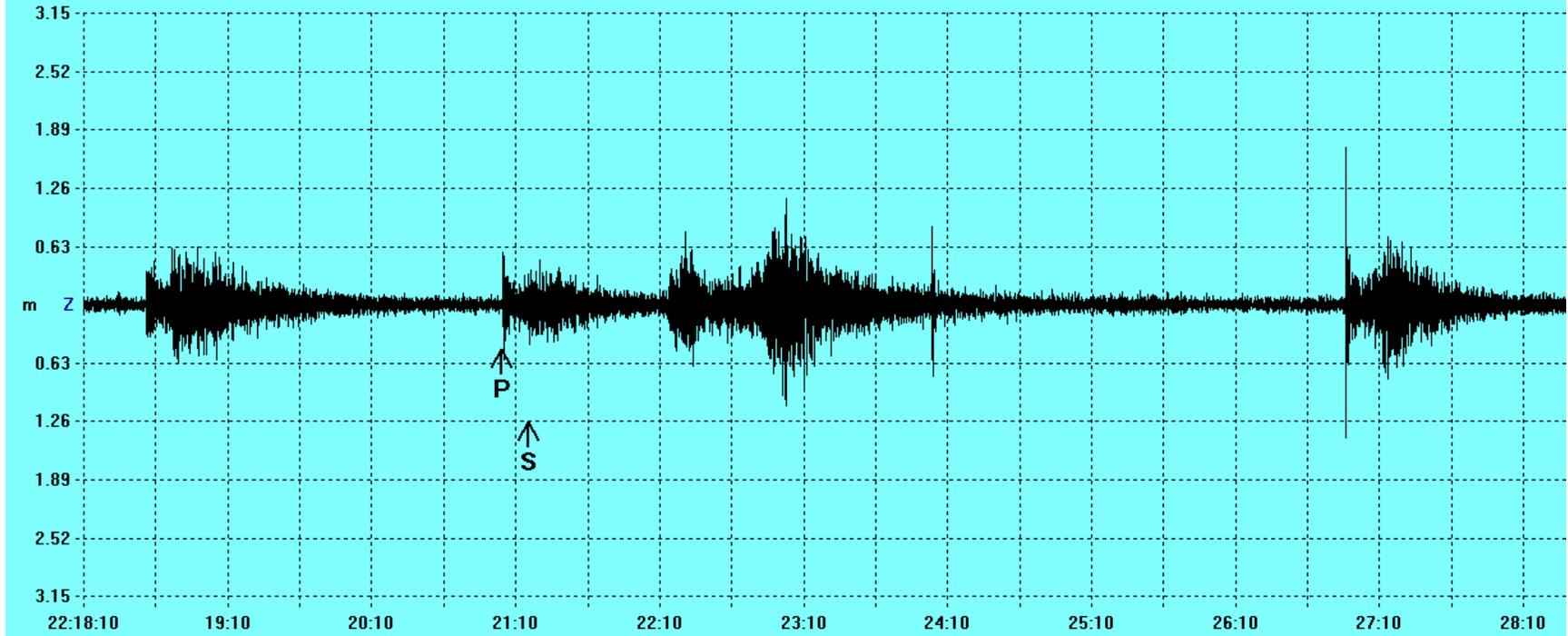


Evento 9



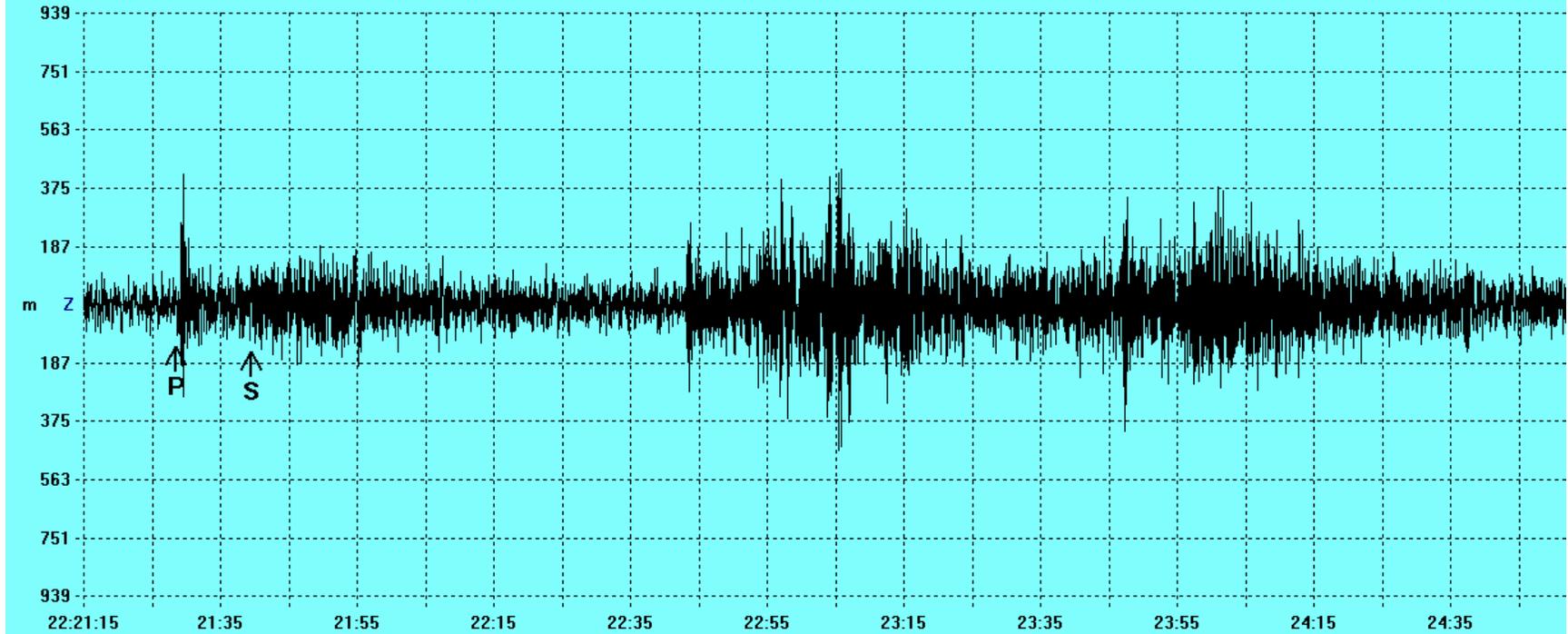
Registro da estação SANT1 correspondente aos dados acima.

Start: 10/20/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 10:18.0 Y: 3.15m Max/Min: 18452/-8119 Peak: 6.283 m/sec View Peak: 1.691 m/sec
Org: 22:20:49.1 P: 22:21:04.1 S: 22:21:15.2 Diff: 11.1sec Dist: 0.783deg 87.0km 54.1mi Mag: MI?? JB: 33



Evento 9

Start: 10/21/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 3:37.0 Y: 940m Max/Min: 1284/-1373 Peak: 467.8 m/sec View Peak: 467.8 m/sec
Org: 22:21:13.6 P: 22:21:28.5 S: 22:21:39.5 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

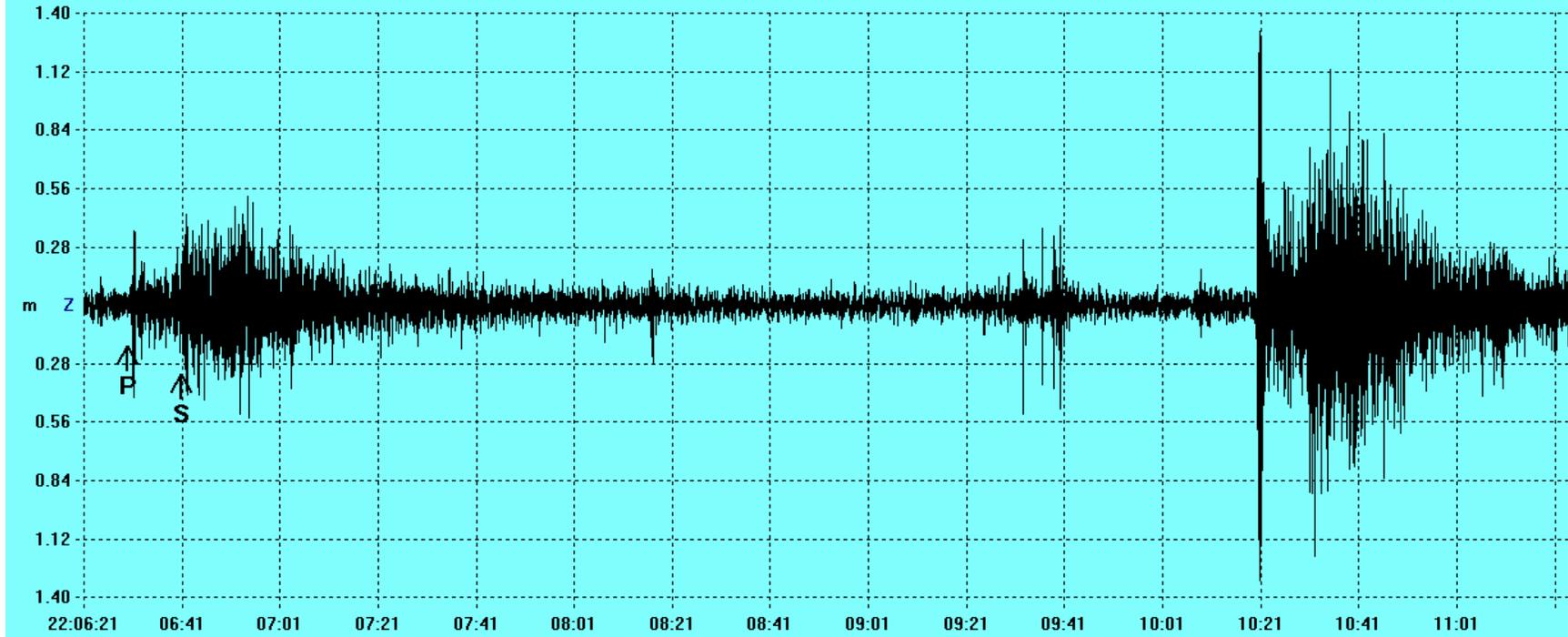


Evento 10 – Eventos sobrepostos.



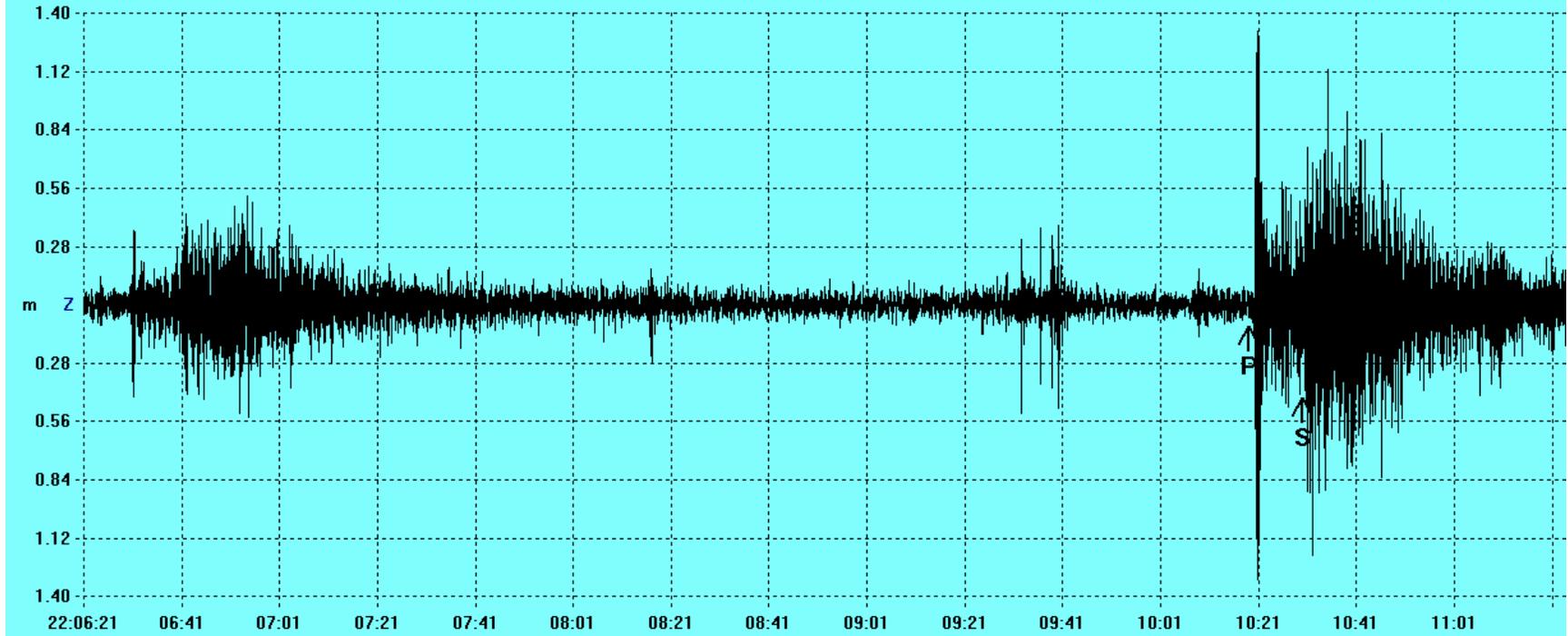
Registro da estação SANT1 correspondente aos dados acima.

Start: 10/24/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:03.0 Y: 1.4m Max/Min: 3851/-3861 Peak: 1.315 m/sec View Peak: 1.315 m/sec
Org: 22:06:15.2 P: 22:06:29.9 S: 22:06:40.8 Diff: 10.9sec Dist: 0.761deg 84.6km 52.6mi Mag: MI?? JB: 33



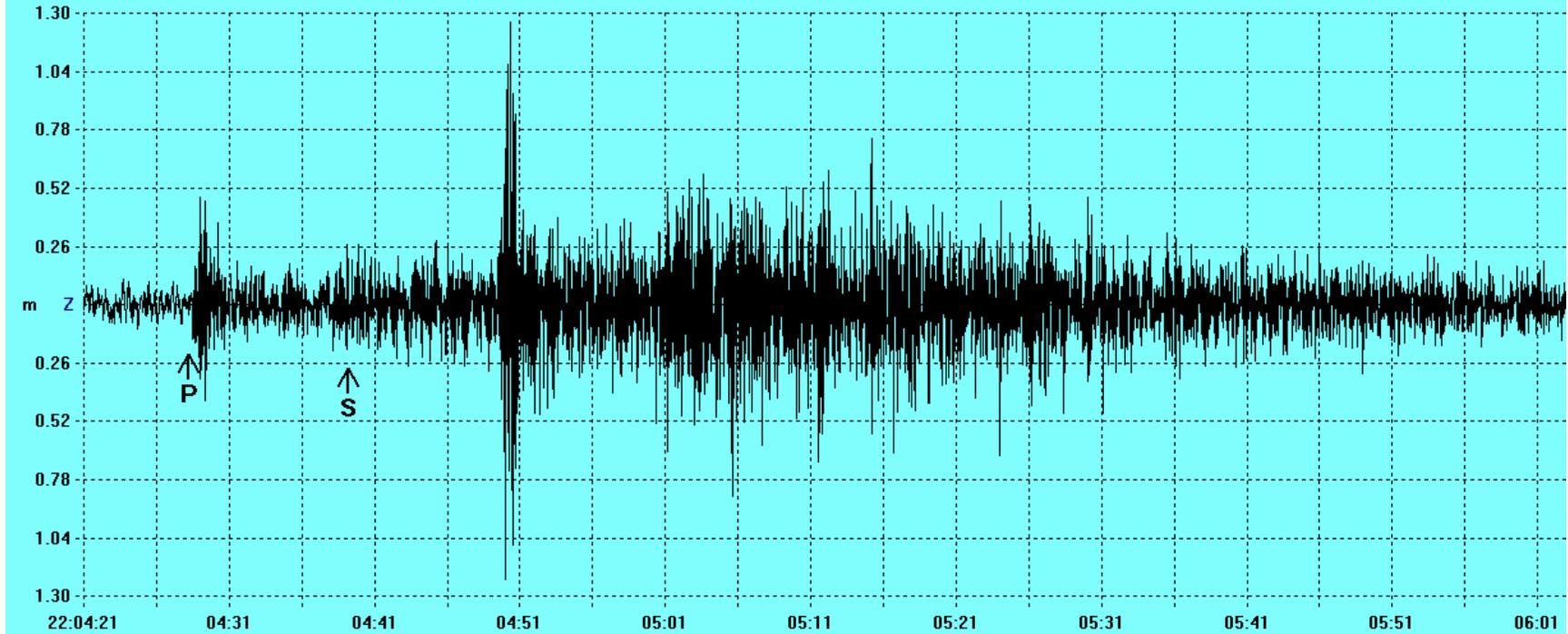
Evento 11

Start: 10/24/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 5:03.0 Y: 1.4m Max/Min: 3851/-3861 Peak: 1.315 m/sec View Peak: 1.315 m/sec
Org: 22:10:04.1 P: 22:10:19.0 S: 22:10:30.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



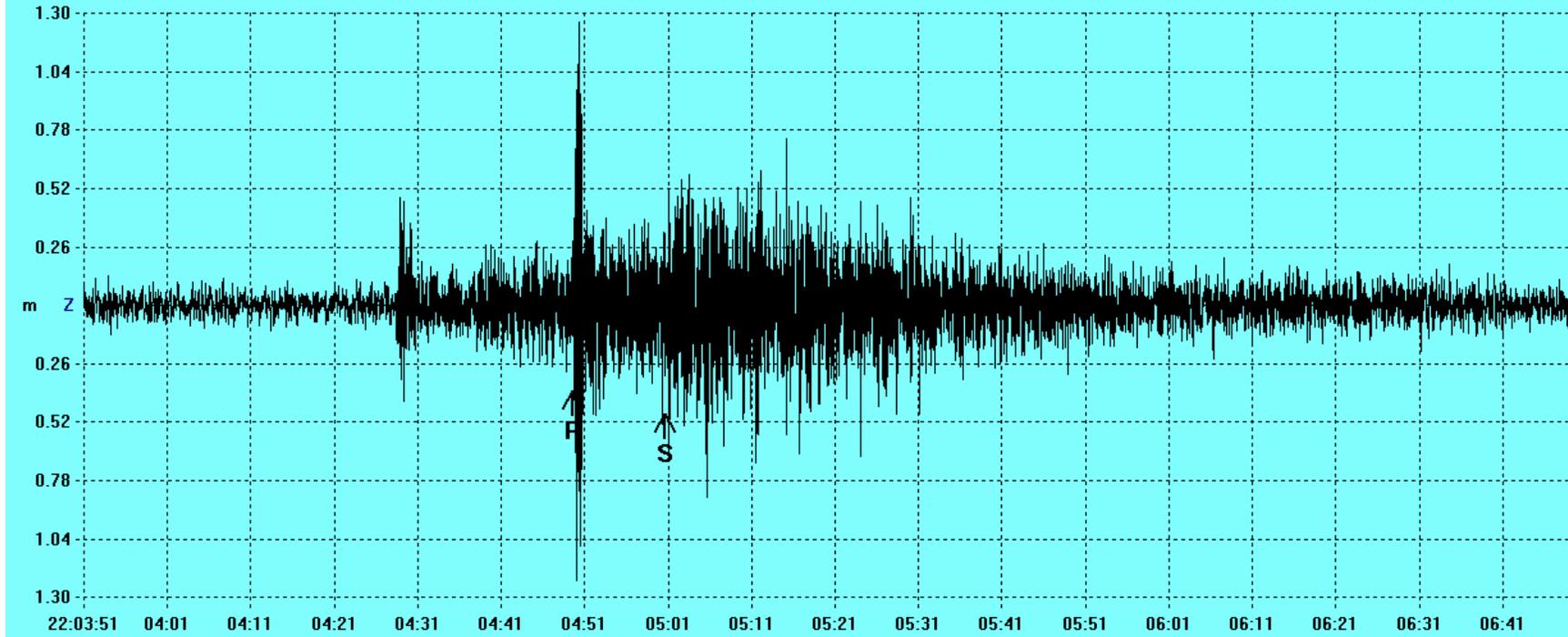
Evento 11

Start: 10/26/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 1.42.0 Y: 1.3m Max/Min: 3694/-3597 Peak: 1.258 m/sec View Peak: 1.258 m/sec
Org: 22:04:13.3 P: 22:04:28.2 S: 22:04:39.2 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



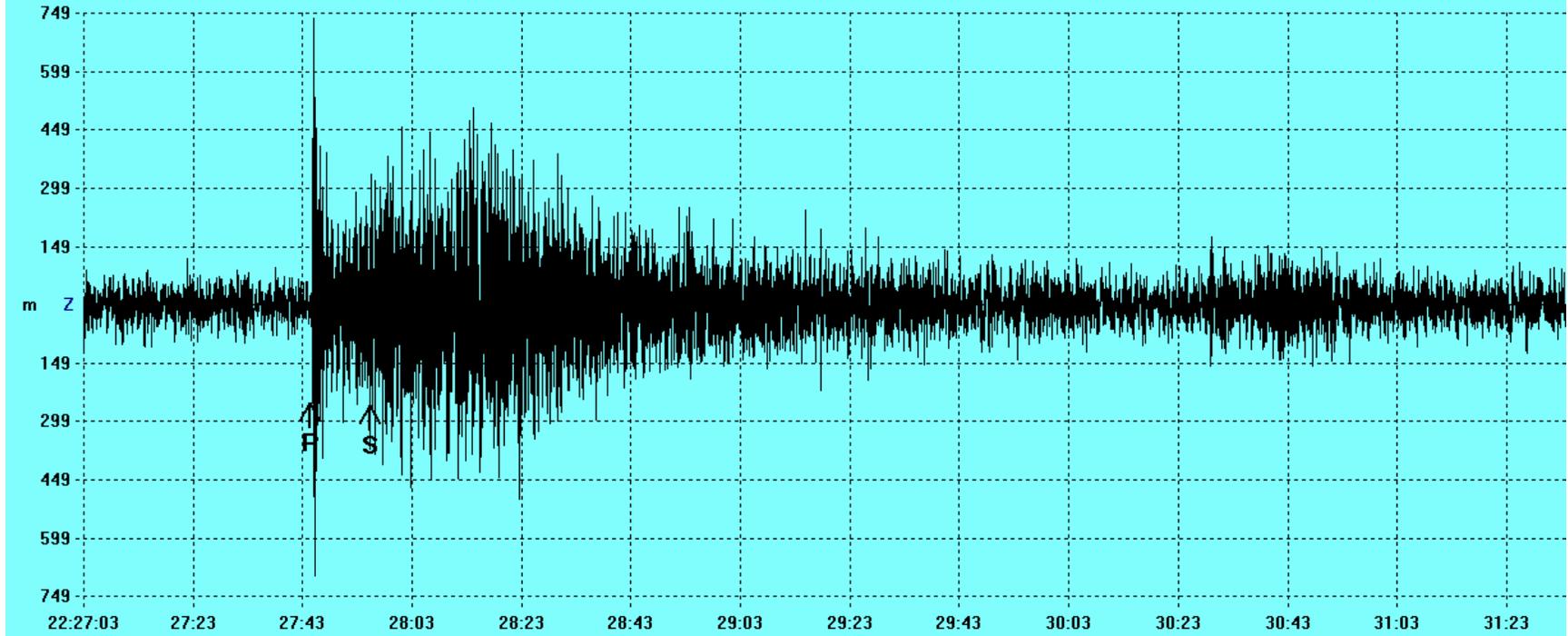
Evento 12 – Eventos sobrepostos.

Start: 10/26/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 2:58.0 Y: 1.3m Max/Min: 3694/-3597 Peak: 1.258 m/sec View Peak: 1.258 m/sec
Org: 22:04:34.7 P: 22:04:49.6 S: 22:05:00.6 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



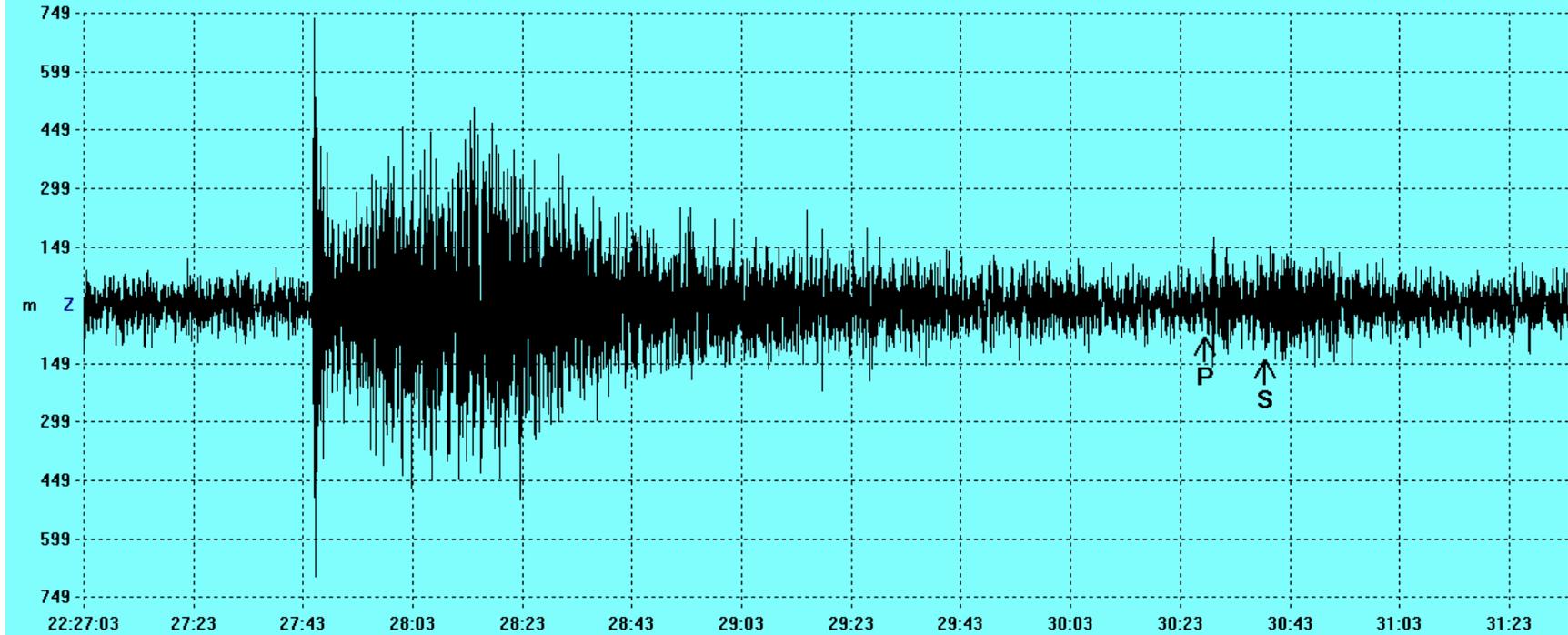
Evento 13 – Eventos sobrepostos.

Start: 10/27/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 4:31.0 Y: 750m Max/Min: 2161/-2040 Peak: 736 m/sec View Peak: 736 m/sec
Org: 22:27:29.4 P: 22:27:44.3 S: 22:27:55.3 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



Evento 14

Start: 10/27/11 21:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
X: 4:31.0 Y: 750m Max/Min: 2161/-2040 Peak: 736 m/sec View Peak: 736 m/sec
Org: 22:30:12.8 P: 22:30:27.5 S: 22:30:38.4 Diff: 10.9sec Dist: 0.761deg 84.6km 52.6mi Mag: MI?? JB: 33



Evento 14 – Evento consecutivo ao principal (sobreposto ao primeiro).