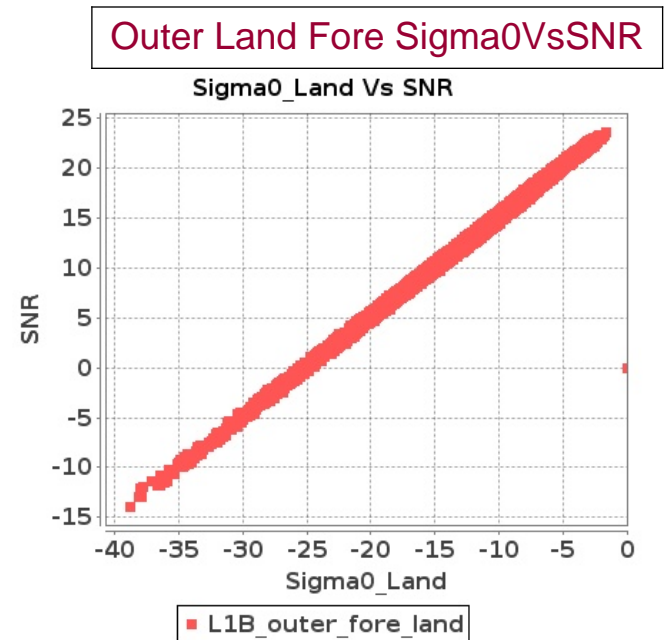
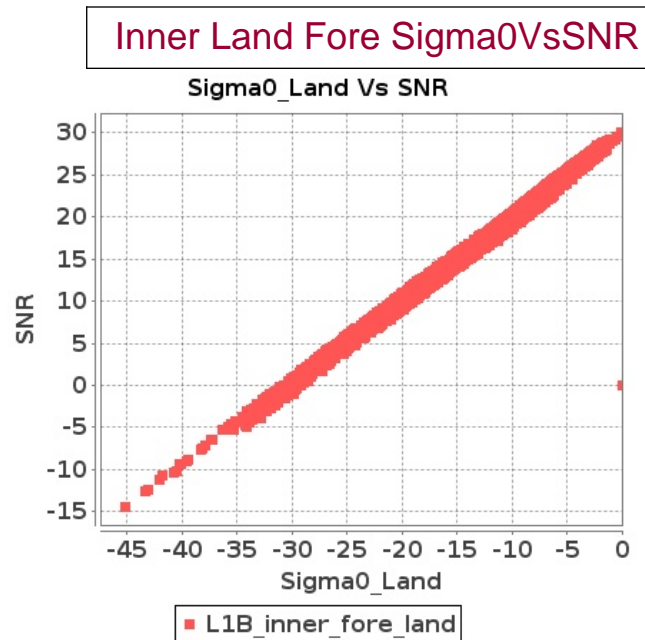
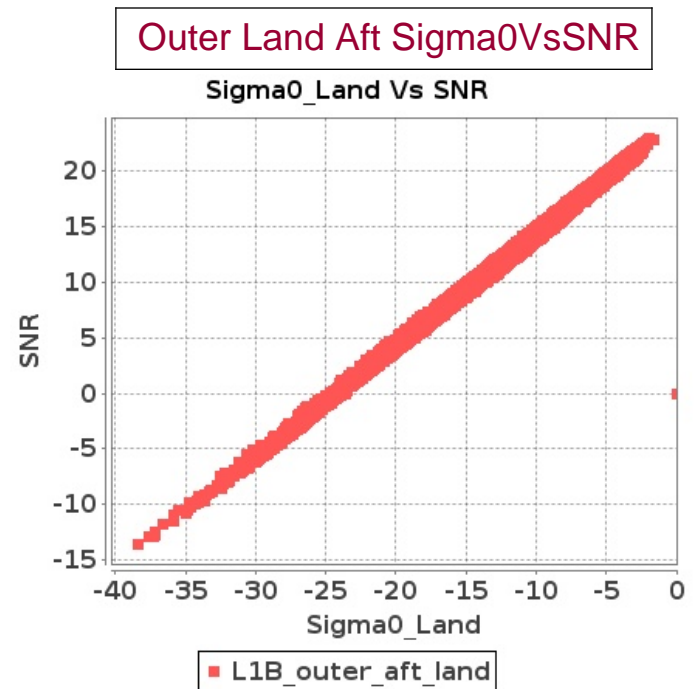
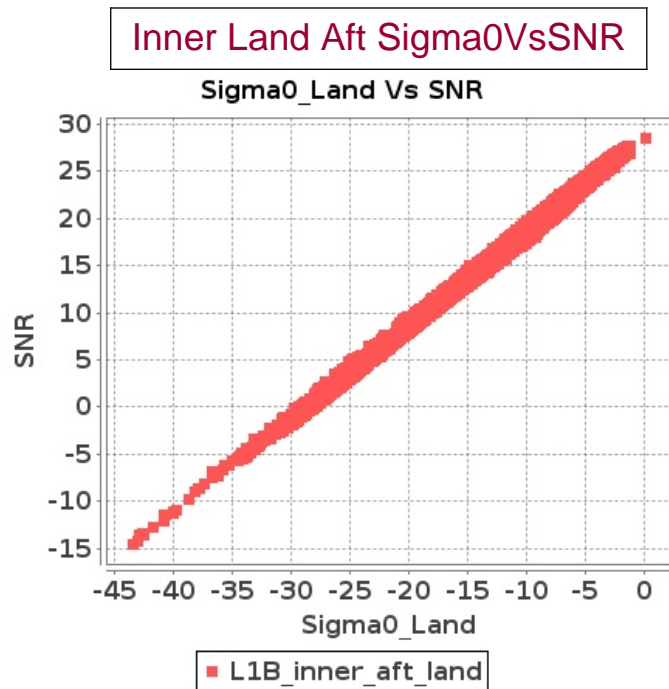
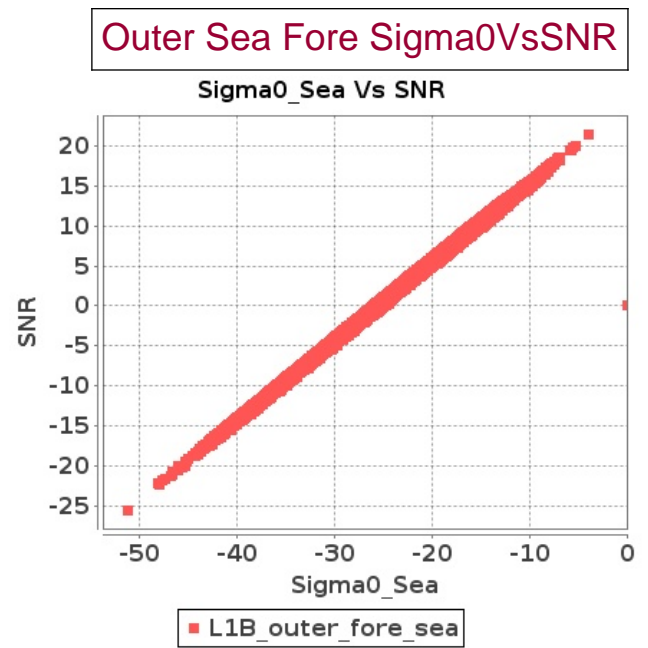
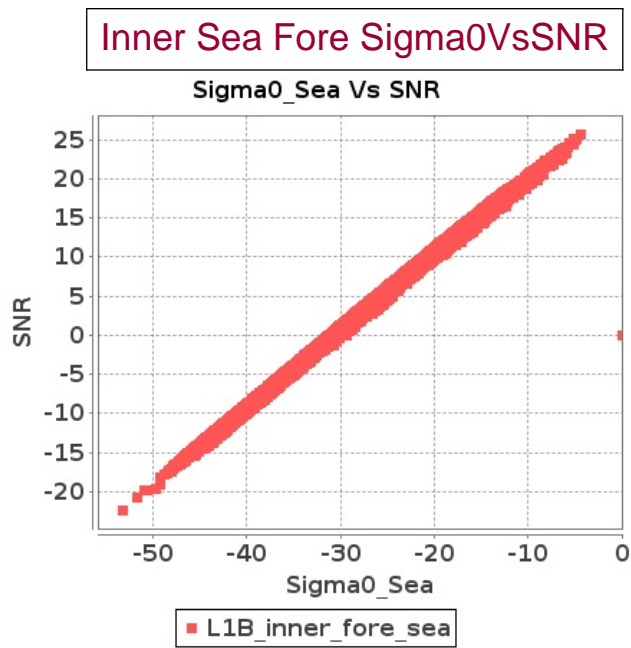
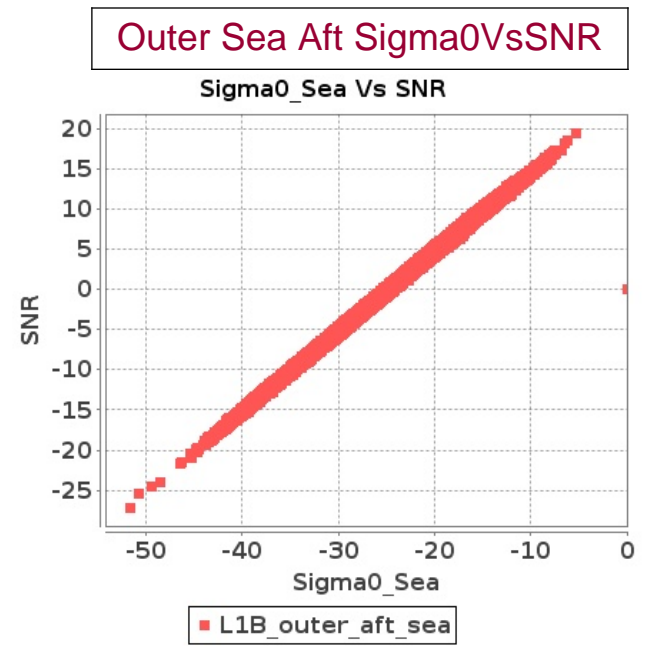
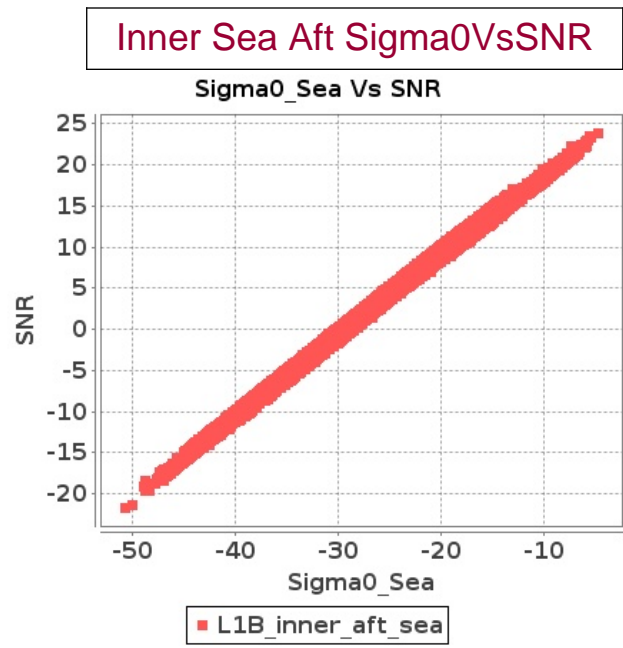
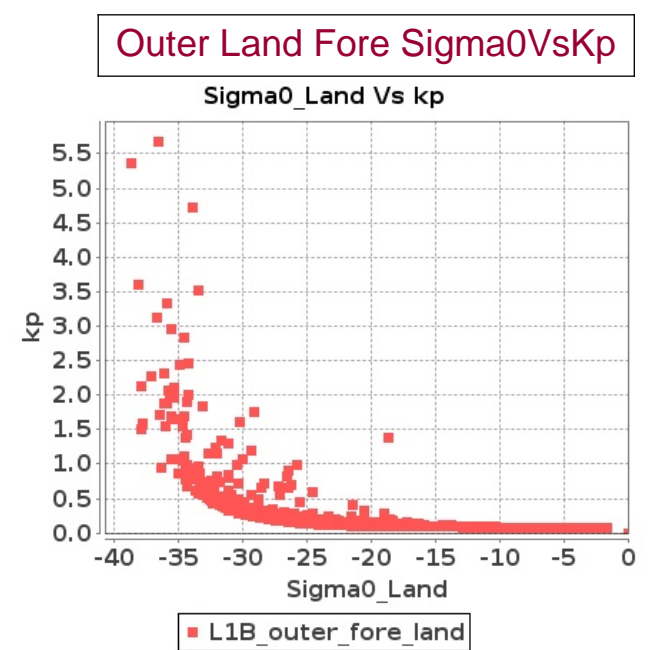
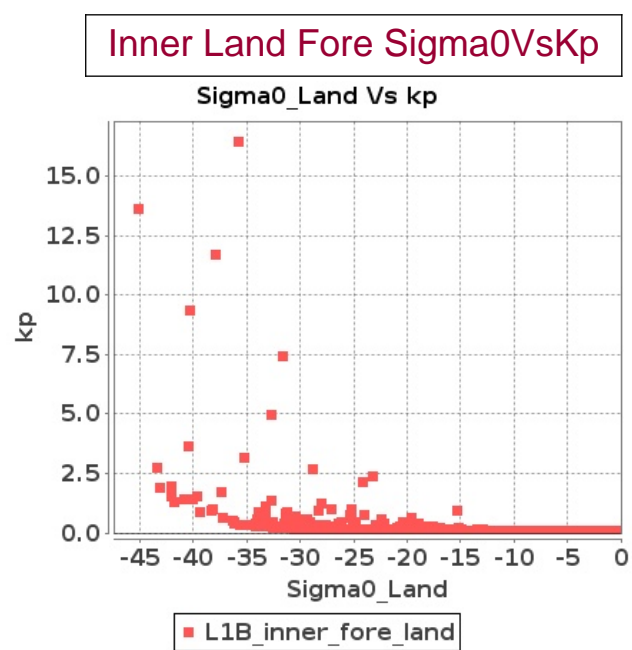
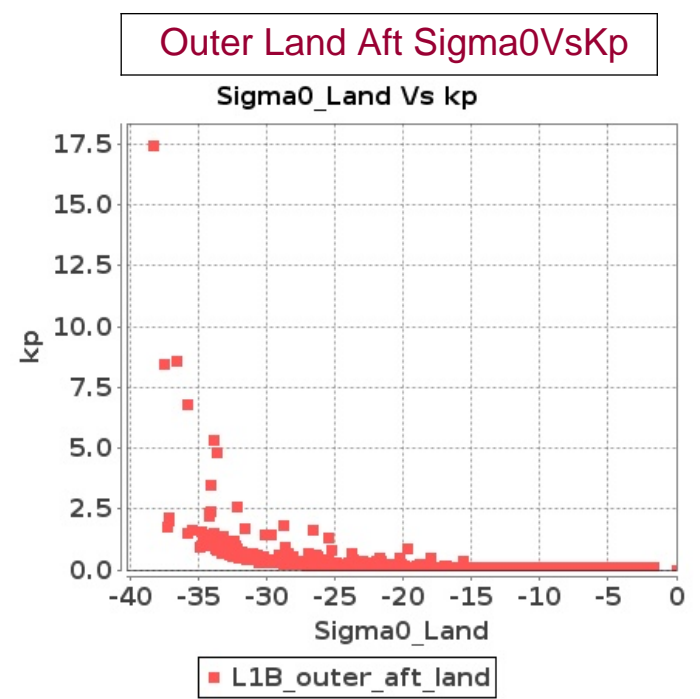
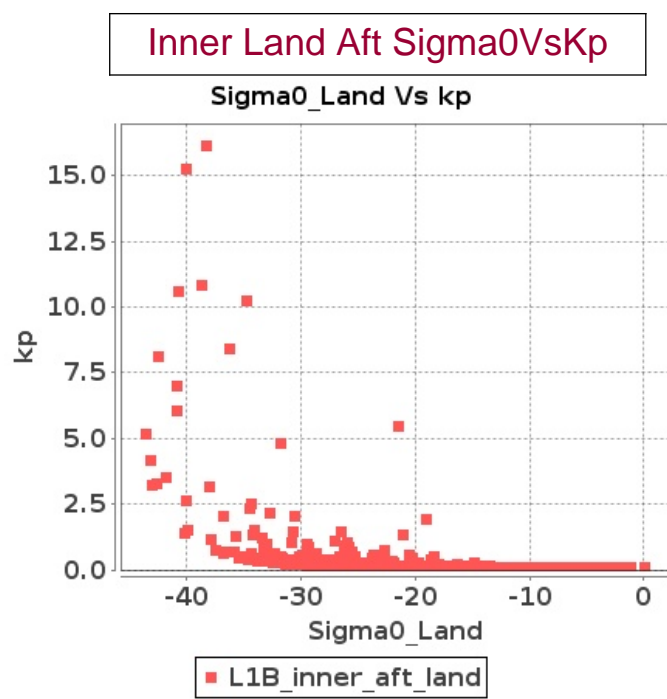
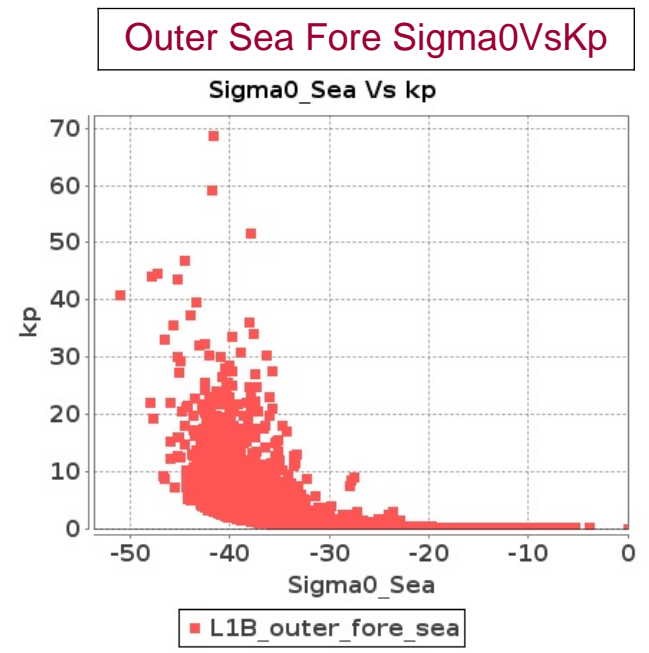
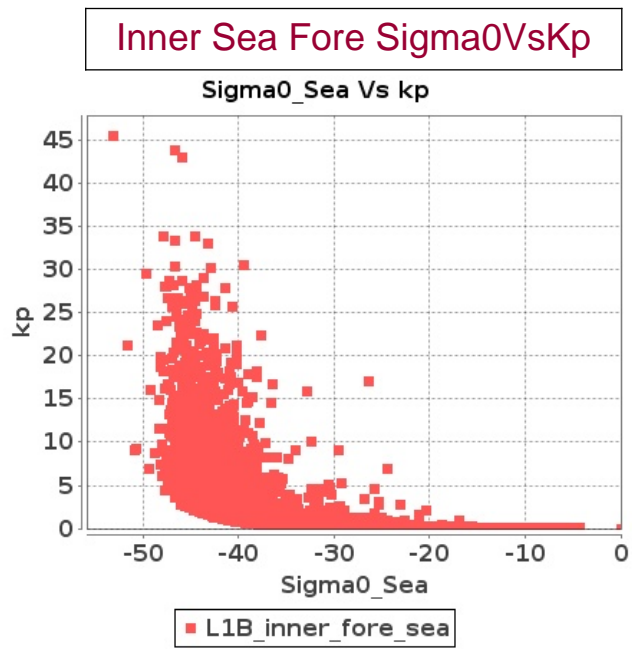
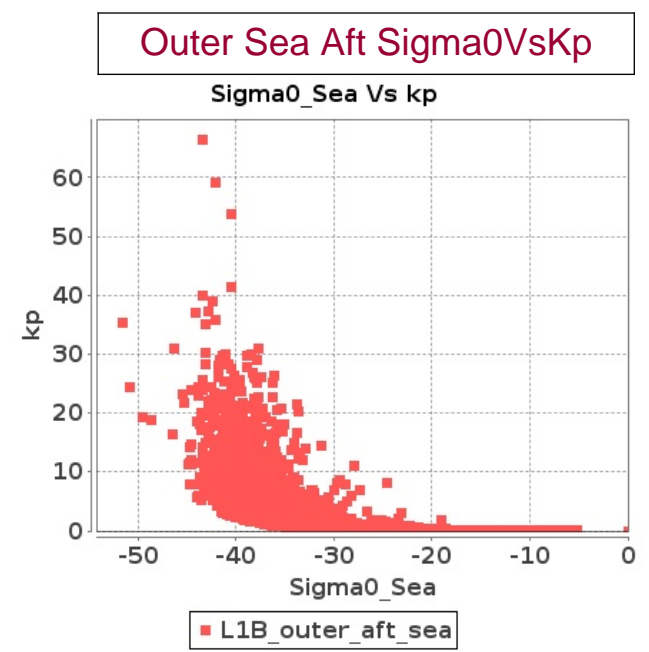
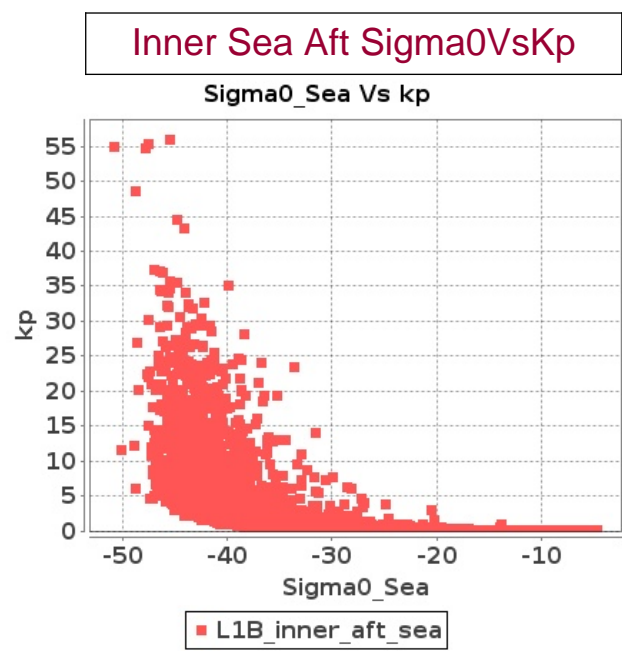


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 10-DEC-2017 To 11-DEC-2017





SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 10-DEC-2017 To 11-DEC-2017

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|-------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 6377 | 6378 | SN | 1 | 48.781 | 49.292 | 0.0 | 0.003 | 6.028 | 2.702 | 1026.032 | 1070.728 | 0.0 | -91.758 | -89.246 | 0.0 |
| 2 | 6377 | 6378 | NS | 1 | 48.885 | 49.375 | 0.0 | 0.003 | 6.039 | 2.65 | 1051.56 | 1073.096 | 0.0 | -92.215 | -89.403 | 0.0 |
| 3 | 6377 | 6378 | SN | 1 | 48.781 | 49.292 | 0.0 | 0.003 | 6.028 | 2.705 | 1026.032 | 1070.728 | 0.0 | -91.758 | -89.246 | 0.0 |
| 4 | 6377 | 6378 | SN | 1 | 48.781 | 49.292 | 0.0 | 0.003 | 5.978 | 2.415 | 1026.032 | 1069.6 | 0.0 | -91.758 | -89.246 | 0.0 |
| 5 | 6378 | 6379 | SN | 1 | 48.76 | 49.264 | 0.0 | 0.003 | 6.028 | 2.509 | 1025.176 | 1070.696 | 0.0 | -91.846 | -89.291 | 0.0 |
| 6 | 6378 | 6379 | SN | 1 | 48.76 | 49.264 | 0.0 | 0.003 | 5.956 | 2.351 | 1025.176 | 1070.096 | 0.0 | -91.846 | -89.291 | 0.0 |
| 7 | 6378 | 6379 | NS | 2 | 48.878 | 49.388 | 0.0 | 0.003 | 6.039 | 2.469 | 1051.688 | 1073.224 | 0.0 | -92.151 | -89.405 | 0.0 |
| 8 | 6378 | 6379 | NS | 1 | 48.878 | 49.388 | 0.0 | 0.003 | 6.039 | 2.469 | 1051.688 | 1073.224 | 0.0 | -92.151 | -89.405 | 0.0 |
| 9 | 6378 | 6379 | SN | 1 | 48.76 | 49.264 | 0.0 | 0.003 | 5.956 | 2.353 | 1025.176 | 1070.096 | 0.0 | -91.846 | -89.291 | 0.0 |
| 10 | 6379 | 6380 | SN | 2 | 48.77 | 49.291 | 0.0 | 0.003 | 5.956 | 2.299 | 1025.792 | 1069.976 | 0.0 | -91.874 | -89.289 | 0.0 |
| 11 | 6379 | 6380 | NS | 1 | 48.875 | 49.395 | 0.0 | 0.003 | 6.028 | 2.481 | 1051.912 | 1073.232 | 0.0 | -91.978 | -89.414 | 0.0 |
| 12 | 6379 | 6380 | SN | 1 | 48.77 | 49.291 | 0.0 | 0.003 | 5.956 | 2.3 | 1025.792 | 1069.984 | 0.0 | -91.874 | -89.289 | 0.0 |
| 13 | 6380 | 6381 | SN | 1 | 48.753 | 49.275 | 0.0 | 0.003 | 6.011 | 2.541 | 1025.288 | 1070.744 | 0.0 | -91.89 | -89.289 | 0.0 |
| 14 | 6380 | 6381 | NS | 1 | 48.899 | 49.378 | 0.0 | 0.003 | 5.923 | 2.518 | 1052.304 | 1073.88 | 0.0 | -92.116 | -89.402 | 0.0 |
| 15 | 6380 | 6381 | NS | 1 | 48.879 | 49.378 | 0.0 | 0.003 | 5.923 | 2.515 | 1052.096 | 1073.888 | 0.0 | -91.95 | -89.402 | 0.0 |
| 16 | 6380 | 6381 | SN | 1 | 48.754 | 49.299 | 0.0 | 0.003 | 5.962 | 2.232 | 1025.296 | 1069.576 | 0.0 | -91.89 | -89.289 | 0.0 |
| 17 | 6380 | 6381 | SN | 1 | 48.754 | 49.299 | 0.0 | 0.003 | 6.011 | 2.545 | 1025.296 | 1070.744 | 0.0 | -91.89 | -89.289 | 0.0 |
| 18 | 6381 | 6382 | SN | 1 | 48.757 | 49.273 | 0.0 | 0.003 | 6.022 | 2.52 | 1025.88 | 1070.88 | 0.0 | -91.83 | -89.289 | 0.0 |
| 19 | 6381 | 6382 | SN | 2 | 48.757 | 49.273 | 0.0 | 0.003 | 6.022 | 2.52 | 1025.88 | 1070.88 | 0.0 | -91.83 | -89.289 | 0.0 |
| 20 | 6381 | 6382 | NS | 1 | 48.873 | 49.377 | 0.0 | 0.003 | 6.028 | 2.585 | 1051.808 | 1074.16 | 0.0 | -92.108 | -89.398 | 0.0 |
| 21 | 6381 | 6382 | NS | 1 | 48.874 | 49.378 | 0.0 | 0.003 | 52.15 | 2.584 | 1052.024 | 1073.336 | 0.0 | -92.108 | -89.398 | 0.0 |
| 22 | 6382 | 6383 | NS | 1 | 48.879 | 49.379 | 0.0 | 0.003 | 6.011 | 2.565 | 1051.608 | 1073.808 | 0.0 | -92.056 | -89.411 | 0.0 |
| 23 | 6382 | 6383 | SN | 1 | 48.753 | 49.262 | 0.0 | 0.003 | 6.028 | 2.599 | 1024.432 | 1070.936 | 0.0 | -91.772 | -89.289 | 0.0 |
| 24 | 6383 | 6384 | SN | 1 | 48.767 | 49.265 | 0.0 | 0.003 | 5.951 | 1.983 | 1025.656 | 1068.728 | 0.0 | -91.88 | -89.253 | 0.0 |
| 25 | 6383 | 6384 | SN | 1 | 48.767 | 49.265 | 0.0 | 0.003 | 6.044 | 2.656 | 1025.656 | 1070.968 | 0.0 | -91.88 | -89.253 | 0.0 |
| 26 | 6383 | 6384 | NS | 1 | 48.882 | 49.391 | 0.0 | 0.003 | 6.017 | 2.523 | 1051.696 | 1073.84 | 0.0 | -92.419 | -89.41 | 0.0 |
| 27 | 6383 | 6384 | SN | 2 | 48.769 | 49.262 | 0.0 | 0.003 | 6.044 | 2.657 | 1025.656 | 1070.96 | 0.0 | -91.88 | -89.253 | 0.0 |
| 28 | 6383 | 6384 | NS | 1 | 48.878 | 49.389 | 0.0 | 0.003 | 6.017 | 2.52 | 1051.464 | 1073.416 | 0.0 | -92.194 | -89.41 | 0.0 |
| 29 | 6384 | 6385 | SN | 1 | 48.772 | 49.299 | 0.0 | 0.003 | 6.044 | 2.57 | 1026.056 | 1071.104 | 0.0 | -91.918 | -89.289 | 0.0 |
| 30 | 6384 | 6385 | NS | 1 | 48.873 | 49.394 | 0.0 | 0.003 | 6.028 | 2.57 | 1051.928 | 1073.36 | 0.0 | -92.199 | -89.403 | 0.0 |
| 31 | 6384 | 6385 | SN | 1 | 48.772 | 49.299 | 0.0 | 0.003 | 5.962 | 1.483 | 1026.056 | 1065.784 | 0.0 | -91.864 | -89.289 | 0.0 |
| 32 | 6384 | 6385 | SN | 2 | 48.772 | 49.299 | 0.0 | 0.003 | 6.044 | 2.57 | 1026.056 | 1071.104 | 0.0 | -91.918 | -89.289 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|-------|--------|----------|----------|-----|---------|---------|-----|
| 33 | 6384 | 6385 | NS | 1 | 48.886 | 49.386 | 0.0 | 0.003 | 6.028 | 2.573 | 1052.04 | 1073.336 | 0.0 | -92.199 | -89.403 | 0.0 |
| 34 | 6385 | 6386 | NS | 1 | 49.052 | 49.2 | 0.0 | 0.003 | 5.951 | 15.293 | 1063.488 | 1066.832 | 0.0 | -91.603 | -89.5 | 0.0 |
| 35 | 6385 | 6386 | SN | 2 | 48.747 | 49.269 | 0.0 | 0.003 | 6.044 | 2.508 | 1025.784 | 1071.336 | 0.0 | -91.797 | -89.296 | 0.0 |
| 36 | 6385 | 6386 | NS | 1 | 48.867 | 49.404 | 0.0 | 0.003 | 6.056 | 2.666 | 1051.472 | 1073.944 | 0.0 | -92.211 | -89.409 | 0.0 |
| 37 | 6385 | 6386 | NS | 2 | 48.867 | 49.404 | 0.0 | 0.003 | 6.056 | 2.667 | 1051.472 | 1073.944 | 0.0 | -92.211 | -89.409 | 0.0 |
| 38 | 6385 | 6386 | SN | 1 | 48.747 | 49.269 | 0.0 | 0.003 | 6.044 | 2.508 | 1025.784 | 1071.336 | 0.0 | -91.797 | -89.296 | 0.0 |
| 39 | 6386 | 6387 | SN | 1 | 48.756 | 49.278 | 0.0 | 0.003 | 6.039 | 2.533 | 1025.728 | 1071.296 | 0.0 | -91.933 | -89.295 | 0.0 |
| 40 | 6386 | 6387 | NS | 1 | 48.871 | 49.383 | 0.0 | 0.003 | 6.044 | 2.61 | 1051.288 | 1073.664 | 0.0 | -92.12 | -89.409 | 0.0 |
| 41 | 6386 | 6387 | NS | 2 | 48.871 | 49.383 | 0.0 | 0.003 | 6.044 | 2.61 | 1051.288 | 1073.664 | 0.0 | -92.12 | -89.409 | 0.0 |
| 42 | 6391 | 6392 | SN | 1 | 48.771 | 49.294 | 0.0 | 0.008 | 5.945 | 1.995 | 1026.768 | 1069.144 | 0.0 | -91.92 | -89.291 | 0.0 |
| 43 | 6391 | 6392 | SN | 1 | 48.771 | 49.294 | 0.0 | 0.008 | 6.056 | 2.715 | 1026.768 | 1071.384 | 0.0 | -91.92 | -89.291 | 0.0 |
| 44 | 6391 | 6392 | SN | 2 | 48.771 | 49.294 | 0.0 | 0.008 | 6.056 | 2.715 | 1026.768 | 1071.384 | 0.0 | -91.92 | -89.291 | 0.0 |
| 45 | 6392 | 6393 | NS | 1 | 48.871 | 49.377 | 0.0 | 0.003 | 6.061 | 2.508 | 1050.72 | 1073.568 | 0.0 | -92.066 | -89.392 | 0.0 |
| 46 | 6392 | 6393 | SN | 1 | 48.765 | 49.288 | 0.0 | 0.003 | 5.94 | 2.393 | 1025.968 | 1070.696 | 0.0 | -92.001 | -89.292 | 0.0 |
| 47 | 6392 | 6393 | SN | 1 | 48.765 | 49.288 | 0.0 | 0.003 | 6.05 | 2.579 | 1025.968 | 1071.376 | 0.0 | -92.001 | -89.292 | 0.0 |
| 48 | 6392 | 6393 | SN | 2 | 48.765 | 49.288 | 0.0 | 0.003 | 6.05 | 2.579 | 1025.968 | 1071.368 | 0.0 | -92.001 | -89.292 | 0.0 |
| 49 | 6392 | 6393 | NS | 1 | 48.871 | 49.377 | 0.0 | 0.003 | 6.061 | 2.505 | 1050.72 | 1073.568 | 0.0 | -92.066 | -89.392 | 0.0 |
| 50 | 6393 | 6394 | SN | 1 | 48.747 | 49.269 | 0.0 | 0.003 | 5.973 | 2.319 | 1025.904 | 1070.76 | 0.0 | -92.148 | -89.297 | 0.0 |
| 51 | 6393 | 6394 | NS | 2 | 48.871 | 49.378 | 0.0 | 0.003 | 6.061 | 2.478 | 1050.976 | 1073.64 | 0.0 | -92.079 | -89.393 | 0.0 |
| 52 | 6393 | 6394 | SN | 1 | 48.747 | 49.269 | 0.0 | 0.003 | 6.044 | 2.478 | 1025.904 | 1071.336 | 0.0 | -92.148 | -89.297 | 0.0 |
| 53 | 6393 | 6394 | NS | 1 | 48.878 | 49.379 | 0.0 | 0.003 | 6.061 | 2.476 | 1050.928 | 1073.632 | 0.0 | -92.112 | -89.393 | 0.0 |
| 54 | 6393 | 6394 | SN | 1 | 48.747 | 49.269 | 0.0 | 0.003 | 5.973 | 2.321 | 1025.904 | 1070.76 | 0.0 | -92.148 | -89.297 | 0.0 |
| 55 | 6394 | 6395 | SN | 1 | 48.759 | 49.269 | 0.0 | 0.003 | 5.945 | 2.277 | 1025.776 | 1070.472 | 0.0 | -91.809 | -89.295 | 0.0 |
| 56 | 6394 | 6395 | SN | 1 | 48.759 | 49.269 | 0.0 | 0.003 | 6.033 | 2.506 | 1025.776 | 1071.368 | 0.0 | -91.86 | -89.295 | 0.0 |
| 57 | 6394 | 6395 | SN | 1 | 48.759 | 49.269 | 0.0 | 0.003 | 6.033 | 2.504 | 1025.776 | 1071.368 | 0.0 | -91.86 | -89.295 | 0.0 |
| 58 | 6394 | 6395 | NS | 1 | 48.883 | 49.384 | 0.0 | 0.003 | 6.05 | 2.505 | 1051.0 | 1073.648 | 0.0 | -92.259 | -89.407 | 0.0 |
| 59 | 6395 | 6396 | NS | 2 | 48.863 | 49.377 | 0.0 | 0.003 | 6.044 | 2.576 | 1051.672 | 1074.488 | 0.0 | -92.167 | -89.379 | 0.0 |
| 60 | 6395 | 6396 | SN | 1 | 48.758 | 49.288 | 0.0 | 0.003 | 6.022 | 2.492 | 1026.552 | 1071.472 | 0.0 | -91.831 | -89.295 | 0.0 |
| 61 | 6395 | 6396 | SN | 1 | 48.757 | 49.297 | 0.0 | 0.003 | 6.022 | 2.492 | 1026.544 | 1071.472 | 0.0 | -91.82 | -89.295 | 0.0 |
| 62 | 6395 | 6396 | NS | 1 | 48.863 | 49.377 | 0.0 | 0.003 | 6.044 | 2.576 | 1051.672 | 1074.488 | 0.0 | -92.167 | -89.379 | 0.0 |
| 63 | 6395 | 6396 | SN | 1 | 48.758 | 49.288 | 0.0 | 0.003 | 5.94 | 2.127 | 1026.552 | 1070.128 | 0.0 | -91.831 | -89.295 | 0.0 |
| 64 | 6396 | 6397 | SN | 1 | 48.758 | 49.274 | 0.0 | 0.003 | 6.028 | 2.541 | 1026.16 | 1071.568 | 0.0 | -91.951 | -89.295 | 0.0 |
| 65 | 6396 | 6397 | NS | 1 | 48.874 | 49.38 | 0.0 | 0.003 | 6.022 | 2.607 | 1050.72 | 1074.256 | 0.0 | -92.124 | -89.405 | 0.0 |
| 66 | 6396 | 6397 | SN | 1 | 48.758 | 49.274 | 0.0 | 0.003 | 5.967 | 2.471 | 1026.16 | 1071.312 | 0.0 | -91.951 | -89.295 | 0.0 |
| 67 | 6396 | 6397 | SN | 2 | 48.758 | 49.274 | 0.0 | 0.003 | 6.028 | 2.541 | 1026.16 | 1071.568 | 0.0 | -91.951 | -89.295 | 0.0 |
| 68 | 6396 | 6397 | NS | 1 | 48.865 | 49.383 | 0.0 | 0.003 | 6.017 | 2.612 | 1050.808 | 1073.776 | 0.0 | -92.163 | -89.405 | 0.0 |
| 69 | 6397 | 6398 | NS | 1 | 48.892 | 49.379 | 0.0 | 0.003 | 6.017 | 2.546 | 1050.832 | 1074.016 | 0.0 | -92.31 | -89.404 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|-------|-------|----------|----------|-----|---------|---------|-----|
| 70 | 6397 | 6398 | SN | 2 | 48.764 | 49.268 | 0.0 | 0.003 | 6.039 | 2.638 | 1026.344 | 1071.584 | 0.0 | -91.771 | -89.29 | 0.0 |
| 71 | 6397 | 6398 | NS | 1 | 48.892 | 49.379 | 0.0 | 0.003 | 6.017 | 2.544 | 1050.832 | 1074.016 | 0.0 | -92.31 | -89.404 | 0.0 |
| 72 | 6397 | 6398 | SN | 1 | 48.766 | 49.27 | 0.0 | 0.003 | 6.039 | 2.637 | 1026.392 | 1071.584 | 0.0 | -91.939 | -89.29 | 0.0 |
| 73 | 6397 | 6398 | SN | 1 | 48.766 | 49.27 | 0.0 | 0.003 | 5.934 | 1.739 | 1026.392 | 1068.352 | 0.0 | -91.939 | -89.29 | 0.0 |
| 74 | 6398 | 6399 | NS | 1 | 48.882 | 49.401 | 0.0 | 0.008 | 6.028 | 2.523 | 1050.744 | 1073.72 | 0.0 | -92.107 | -89.395 | 0.0 |
| 75 | 6398 | 6399 | NS | 1 | 48.882 | 49.401 | 0.0 | 0.008 | 6.028 | 2.521 | 1050.744 | 1073.72 | 0.0 | -92.107 | -89.395 | 0.0 |
| 76 | 6398 | 6399 | SN | 2 | 48.787 | 49.286 | 0.0 | 0.003 | 6.061 | 2.666 | 1026.432 | 1071.68 | 0.0 | -91.839 | -89.3 | 0.0 |
| 77 | 6398 | 6399 | SN | 1 | 48.787 | 49.286 | 0.0 | 0.003 | 6.061 | 2.666 | 1026.432 | 1071.68 | 0.0 | -91.839 | -89.3 | 0.0 |
| 78 | 6398 | 6399 | SN | 1 | 48.787 | 49.286 | 0.0 | 0.003 | 5.962 | 1.533 | 1026.432 | 1066.616 | 0.0 | -91.838 | -89.3 | 0.0 |
| 79 | 6399 | 6400 | SN | 2 | 48.778 | 49.274 | 0.0 | 0.003 | 6.072 | 2.551 | 1026.976 | 1071.928 | 0.0 | -92.03 | -89.28 | 0.0 |
| 80 | 6399 | 6400 | NS | 1 | 48.863 | 49.4 | 0.0 | 0.003 | 6.039 | 2.613 | 1050.736 | 1073.912 | 0.0 | -92.701 | -89.352 | 0.0 |
| 81 | 6399 | 6400 | SN | 1 | 48.778 | 49.274 | 0.0 | 0.003 | 6.072 | 2.551 | 1026.976 | 1071.928 | 0.0 | -92.03 | -89.28 | 0.0 |
| 82 | 6399 | 6400 | NS | 1 | 48.863 | 49.4 | 0.0 | 0.003 | 6.039 | 2.611 | 1050.736 | 1073.912 | 0.0 | -92.701 | -89.352 | 0.0 |
| 83 | 6400 | 6401 | NS | 1 | 48.868 | 49.378 | 0.0 | 0.003 | 6.066 | 2.626 | 1050.448 | 1073.992 | 0.0 | -92.143 | -89.396 | 0.0 |
| 84 | 6400 | 6401 | NS | 2 | 48.868 | 49.378 | 0.0 | 0.003 | 6.066 | 2.626 | 1050.448 | 1073.992 | 0.0 | -92.143 | -89.396 | 0.0 |
| 85 | 6400 | 6401 | SN | 1 | 48.752 | 49.285 | 0.0 | 0.003 | 48.94 | 2.526 | 1026.512 | 1072.04 | 0.0 | -91.989 | -89.303 | 0.0 |
| 86 | 6401 | 6402 | NS | 1 | 48.862 | 49.378 | 0.0 | 0.003 | 6.072 | 2.586 | 1050.312 | 1074.032 | 0.0 | -92.015 | -89.401 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|--------|----------|
| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

■ Normal ■ Deviations
■ Alarming ■ High Errors

| | | | | | Inner | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|-------|------------|-----------|--------|------------|
| | | | | | SNR | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 6377 | 6378 | SN | 1 | -34.976 | 23.574 | 0.53 | -33.13 | 24.81 | 2.041 | -13.37 | 33.646 | 8.039 | -21.814 | 30.058 | 18.923 | 0.103 | 265.669 | 1.289 | 0.103 | 173.723 | 0.63 | 0.102 | 1.916 | 0.001 | 0.102 | 12.904 | 0.003 |
| 2 | 6377 | 6378 | NS | 1 | -34.747 | 26.012 | 0.115 | -34.287 | 27.846 | 0.024 | 7.95 | 30.275 | 8.634 | 7.565 | 31.098 | 27.309 | 0.103 | 252.003 | 2.875 | 0.103 | 226.717 | 2.696 | 0.102 | 0.113 | 0.0 | 0.102 | 0.114 | 0.0 |
| 3 | 6377 | 6378 | SN | 1 | -34.976 | 23.574 | 0.531 | -33.13 | 24.81 | 2.041 | -13.37 | 33.646 | 8.047 | -21.814 | 30.058 | 18.844 | 0.103 | 265.669 | 1.287 | 0.103 | 173.723 | 0.624 | 0.102 | 1.916 | 0.001 | 0.102 | 12.904 | 0.003 |
| 4 | 6377 | 6378 | SN | 1 | -34.976 | 23.354 | 0.224 | -33.13 | 24.81 | 2.151 | -13.37 | 33.646 | 8.047 | -21.814 | 30.058 | 18.844 | 0.103 | 265.669 | 1.364 | 0.103 | 173.723 | 0.66 | 0.102 | 1.916 | 0.001 | 0.102 | 12.904 | 0.003 |
| 5 | 6378 | 6379 | SN | 1 | -34.461 | 23.323 | 0.188 | -33.539 | 24.531 | 0.749 | 5.768 | 28.668 | 7.48 | 5.853 | 30.049 | 5.309 | 0.103 | 235.908 | 2.293 | 0.103 | 190.854 | 2.043 | 0.102 | 0.121 | 0.0 | 0.102 | 0.12 | 0.0 |
| 6 | 6378 | 6379 | SN | 1 | -34.461 | 23.323 | 0.193 | -33.539 | 24.531 | 0.695 | 5.768 | 28.668 | 7.48 | 5.853 | 30.049 | 5.309 | 0.103 | 235.908 | 2.348 | 0.103 | 190.854 | 2.088 | 0.102 | 0.121 | 0.0 | 0.102 | 0.12 | 0.0 |
| 7 | 6378 | 6379 | NS | 2 | -34.965 | 26.177 | 0.026 | -34.97 | 26.097 | 0.098 | -8.785 | 32.835 | 5.042 | -5.439 | 29.709 | 20.7 | 0.103 | 265.022 | 9.515 | 0.103 | 265.287 | 8.628 | 0.102 | 0.721 | 0.0 | 0.102 | 0.381 | 0.0 |
| 8 | 6378 | 6379 | NS | 1 | -34.965 | 26.177 | 0.026 | -34.97 | 26.097 | 0.098 | -8.785 | 32.835 | 5.042 | -5.439 | 29.709 | 20.7 | 0.103 | 265.022 | 9.515 | 0.103 | 265.287 | 8.624 | 0.102 | 0.721 | 0.0 | 0.102 | 0.381 | 0.0 |
| 9 | 6378 | 6379 | SN | 1 | -34.461 | 23.323 | 0.193 | -33.539 | 24.531 | 0.696 | 5.768 | 28.668 | 7.48 | 5.853 | 30.049 | 5.309 | 0.103 | 235.908 | 2.352 | 0.103 | 190.854 | 2.091 | 0.102 | 0.121 | 0.0 | 0.102 | 0.12 | 0.0 |
| 10 | 6379 | 6380 | SN | 2 | -34.778 | 21.711 | 0.0 | -34.462 | 23.875 | 0.075 | 5.721 | 27.169 | 11.398 | 7.222 | 27.928 | 8.596 | 0.103 | 253.801 | 1.385 | 0.103 | 236.023 | 1.122 | 0.103 | 0.121 | 0.0 | 0.103 | 0.115 | 0.0 |
| 11 | 6379 | 6380 | NS | 1 | -34.962 | 21.802 | 0.0 | -34.711 | 23.492 | 0.083 | -1.494 | 28.903 | 6.666 | -10.468 | 29.341 | 17.53 | 0.103 | 264.802 | 3.1 | 0.103 | 249.947 | 3.361 | 0.102 | 0.209 | 0.0 | 0.102 | 1.023 | 0.002 |
| 12 | 6379 | 6380 | SN | 1 | -34.778 | 21.709 | 0.0 | -34.462 | 23.877 | 0.076 | 5.721 | 27.169 | 11.398 | 7.222 | 27.928 | 8.596 | 0.103 | 253.801 | 1.385 | 0.103 | 236.023 | 1.122 | 0.103 | 0.121 | 0.0 | 0.103 | 0.115 | 0.0 |
| 13 | 6380 | 6381 | SN | 1 | -34.642 | 21.349 | 0.0 | -34.464 | 23.533 | 0.06 | 5.365 | 26.236 | 10.331 | 5.373 | 28.451 | 8.722 | 0.103 | 245.947 | 2.482 | 0.103 | 236.114 | 1.849 | 0.103 | 0.123 | 0.0 | 0.102 | 0.123 | 0.0 |
| 14 | 6380 | 6381 | NS | 1 | -34.912 | 21.59 | 0.0 | -34.875 | 22.071 | 0.002 | -7.79 | 28.03 | 4.18 | -6.724 | 30.563 | 11.506 | 0.103 | 261.81 | 2.306 | 0.103 | 259.585 | 2.445 | 0.103 | 0.591 | 0.0 | 0.102 | 0.482 | 0.0 |
| 15 | 6380 | 6381 | NS | 1 | -34.589 | 21.59 | 0.0 | -34.281 | 22.071 | 0.002 | -7.797 | 28.03 | 4.181 | -6.724 | 30.563 | 11.506 | 0.103 | 243.002 | 2.304 | 0.103 | 226.358 | 2.443 | 0.103 | 0.592 | 0.0 | 0.102 | 0.482 | 0.0 |
| 16 | 6380 | 6381 | SN | 1 | -34.216 | 21.349 | 0.0 | -34.422 | 23.533 | 0.062 | 5.365 | 26.236 | 10.345 | 5.373 | 28.451 | 8.832 | 0.103 | 223.042 | 2.549 | 0.103 | 233.915 | 1.894 | 0.103 | 0.123 | 0.0 | 0.102 | 0.123 | 0.0 |
| 17 | 6380 | 6381 | SN | 1 | -34.216 | 21.349 | 0.0 | -34.422 | 23.533 | 0.06 | 5.365 | 26.236 | 10.337 | 5.373 | 28.451 | 8.723 | 0.103 | 223.042 | 2.484 | 0.103 | 233.915 | 1.855 | 0.103 | 0.123 | 0.0 | 0.102 | 0.123 | 0.0 |
| 18 | 6381 | 6382 | SN | 1 | -34.58 | 21.451 | 0.0 | -34.439 | 24.273 | 0.059 | 5.302 | 27.828 | 14.149 | 8.175 | 29.081 | 20.592 | 0.103 | 242.478 | 2.315 | 0.103 | 234.77 | 1.776 | 0.103 | 0.123 | 0.0 | 0.102 | 0.113 | 0.0 |
| 19 | 6381 | 6382 | SN | 2 | -34.58 | 21.451 | 0.0 | -34.439 | 24.273 | 0.059 | 5.302 | 27.828 | 14.149 | 8.175 | 29.081 | 20.592 | 0.103 | 242.478 | 2.315 | 0.103 | 234.77 | 1.776 | 0.103 | 0.123 | 0.0 | 0.102 | 0.113 | 0.0 |
| 20 | 6381 | 6382 | NS | 1 | -34.864 | 21.898 | 0.0 | -34.765 | 22.331 | 0.002 | -5.085 | 26.723 | 3.197 | -3.442 | 32.418 | 12.719 | 0.103 | 258.908 | 4.177 | 0.103 | 253.056 | 3.217 | 0.103 | 0.358 | 0.0 | 0.102 | 0.274 | 0.0 |
| 21 | 6381 | 6382 | NS | 1 | -34.994 | 21.9 | 0.0 | -34.925 | 22.331 | 0.002 | -5.085 | 26.723 | 3.196 | -3.442 | 32.418 | 12.722 | 0.103 | 266.767 | 4.171 | 0.103 | 262.53 | 3.213 | 0.103 | 0.358 | 0.0 | 0.102 | 0.274 | 0.0 |
| 22 | 6382 | 6383 | NS | 1 | -32.549 | 23.25 | 0.116 | -34.914 | 25.21 | 0.555 | -9.031 | 30.131 | 4.583 | -9.175 | 33.858 | 11.376 | 0.103 | 151.948 | 1.627 | 0.103 | 261.843 | 1.623 | 0.102 | 0.758 | 0.0 | 0.102 | 0.781 | 0.0 |
| 23 | 6382 | 6383 | SN | 1 | -34.787 | 21.827 | 0.0 | -34.318 | 24.298 | 0.043 | 4.753 | 27.446 | 12.451 | 7.933 | 29.613 | 17.847 | 0.103 | 254.326 | 2.881 | 0.103 | 228.342 | 2.285 | 0.103 | 0.126 | 0.0 | 0.102 | 0.113 | 0.0 |
| 24 | 6383 | 6384 | SN | 1 | -34.25 | 21.971 | 0.0 | -34.773 | 23.017 | 0.013 | 2.352 | 30.424 | 8.763 | 1.623 | 32.043 | 15.045 | 0.103 | 224.763 | 3.865 | 0.103 | 253.496 | 2.858 | 0.102 | 0.144 | 0.0 | 0.102 | 0.152 | 0.0 |
| 25 | 6383 | 6384 | SN | 1 | -34.25 | 21.971 | 0.0 | -34.773 | 23.017 | 0.017 | 2.352 | 30.424 | 8.671 | 1.623 | 32.043 | 15.088 | 0.103 | 224.763 | 3.858 | 0.103 | 253.496 | 2.939 | 0.102 | 0.144 | 0.0 | 0.102 | 0.152 | 0.0 |
| 26 | 6383 | 6384 | NS | 1 | -34.677 | 21.584 | 0.0 | -31.696 | 22.792 | 0.004 | 7.332 | 27.529 | 10.881 | 7.545 | 29.775 | 22.424 | 0.103 | 247.988 | 1.376 | 0.103 | 124.882 | 1.381 | 0.103 | 0.115 | 0.0 | 0.102 | 0.114 | 0.0 |
| 27 | 6383 | 6384 | SN | 2 | -34.629 | 21.971 | 0.0 | -34.668 | 23.015 | 0.017 | 2.352 | 30.42 | 8.666 | 1.625 | 32.045 | 15.082 | 0.103 | 245.258 | 3.857 | 0.103 | 247.445 | 2.941 | 0.102 | 0.144 | 0.0 | 0.102 | 0.152 | 0.0 |
| 28 | 6383 | 6384 | NS | 1 | -33.585 | 21.586 | 0.0 | -34.586 | 22.789 | 0.004 | 7.335 | 27.529 | 10.853 | 7.544 | 29.775 | 22.418 | 0.103 | 192.846 | 1.376 | 0.103 | 242.866 | 1.381 | 0.103 | 0.115 | 0.0 | 0.102 | 0.114 | 0.0 |
| 29 | 6384 | 6385 | SN | 1 | -34.366 | 22.876 | 0.002 | -34.604 | 25.667 | 0.22 | -11.008 | 31.075 | 10.689 | -4.741 | 31.155 | 17.904 | 0.103 | 230.907 | 3.63 | 0.103 | 243.838 | 2.746 | 0.102 | 1.147 | 0.001 | 0.102 | 0.338 | 0.0 |
| 30 | 6384 | 6385 | NS | 1 | -31.944 | 22.515 | 0.009 | -32.471 | 23.119 | 0.058 | -6.749 | 27.944 | 10.825 | -6.344 | 29.368 | 25.009 | 0.103 | 132.218 | 0.869 | 0.103 | 149.268 | 0.531 | 0.103 | 0.484 | 0.0 | 0.102 | 0.448 | 0.0 |
| 31 | 6384 | 6385 | SN | 1 | -33.26 | 22.876 | 0.002 | -34.052 | 25.667 | 0.078 | -11.008 | 31.075 | 11.171 | -4.741 | 31.155 | 17.875 | 0.103 | 179.003 | 3.785 | 0.103 | 214.742 | 3.001 | 0.102 | 1.147 | 0.001 | 0.102 | 0.338 | 0.0 |
| 32 | 6384 | 6385 | SN | 2 | -34.366 | 22.876 | 0.002 | -34.604 | 25.667 | 0.22 | -11.008 | 31.075 | 10.689 | -4.741 | 31.155 | 17.904 | 0.103 | 230.907 | 3.63 | 0.103 | 243.838 | 2.746 | 0.102 | 1.147 | 0.001 | 0.102 | 0.338 | 0.0 |
| 33 | 6384 | 6385 | NS | 1 | -34.306 | 22.514 | 0.009 | -32.51 | 23.119 | 0.058 | -6.61 | 27.944 | 10.823 | -6.375 | 29.368 | 25.024 | 0.103 | 227.674 | 0.872 | 0.103 | 150.605 | 0.532 | 0.103 | 0.471 | 0.0 | 0.102 | 0.451 | 0.0 |

| Parameter Specifications | Parameters | SNR | Kp |
|--------------------------|------------|-------|-----|
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

| | |
|---|---|
| Normal | Deviations |
| Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|--------|-------|---------|--------|-------|--------|-------|-------|--------|-------|
| 34 | 6385 | 6386 | NS | 1 | -3.51 | 15.549 | 0.0 | -7.798 | 15.667 | 0.0 | 6.331 | 26.562 | 5.892 | 9.473 | 29.579 | 67.424 | 0.104 | 0.277 | 0.0 | 0.104 | 0.592 | 0.0 | 0.103 | 0.118 | 0.0 | 0.102 | 0.11 | 0.0 |
| 35 | 6385 | 6386 | SN | 2 | -34.866 | 24.219 | 0.008 | -34.92 | 25.202 | 0.422 | -10.358 | 28.583 | 14.748 | 0.594 | 30.091 | 18.205 | 0.103 | 258.998 | 11.182 | 0.103 | 262.293 | 10.15 | 0.102 | 0.999 | 0.0 | 0.102 | 0.166 | 0.0 |
| 36 | 6385 | 6386 | NS | 1 | -34.281 | 23.301 | 0.087 | -34.908 | 24.031 | 0.231 | 2.608 | 27.707 | 17.294 | 4.757 | 30.17 | 36.398 | 0.103 | 226.376 | 2.956 | 0.103 | 261.47 | 2.318 | 0.103 | 0.142 | 0.0 | 0.102 | 0.126 | 0.0 |
| 37 | 6385 | 6386 | NS | 2 | -34.281 | 23.301 | 0.087 | -34.908 | 24.031 | 0.231 | 2.608 | 27.707 | 17.294 | 4.757 | 30.17 | 36.398 | 0.103 | 226.376 | 2.956 | 0.103 | 261.47 | 2.318 | 0.103 | 0.142 | 0.0 | 0.102 | 0.126 | 0.0 |
| 38 | 6385 | 6386 | SN | 1 | -34.866 | 24.219 | 0.008 | -34.92 | 25.202 | 0.422 | -10.358 | 28.583 | 14.748 | 0.594 | 30.091 | 18.205 | 0.103 | 258.998 | 11.182 | 0.103 | 262.293 | 10.15 | 0.102 | 0.999 | 0.0 | 0.102 | 0.166 | 0.0 |
| 39 | 6386 | 6387 | SN | 1 | -34.829 | 25.41 | 0.012 | -34.988 | 27.93 | 0.569 | -15.479 | 29.76 | 14.834 | -9.754 | 29.601 | 18.153 | 0.103 | 256.815 | 2.259 | 0.103 | 266.365 | 1.782 | 0.102 | 3.063 | 0.009 | 0.102 | 0.88 | 0.0 |
| 40 | 6386 | 6387 | NS | 1 | -33.597 | 23.239 | 0.095 | -33.622 | 23.963 | 0.172 | 1.413 | 29.703 | 10.793 | 2.811 | 32.184 | 22.812 | 0.103 | 193.402 | 1.694 | 0.103 | 194.517 | 1.354 | 0.102 | 0.155 | 0.0 | 0.102 | 0.14 | 0.0 |
| 41 | 6386 | 6387 | NS | 2 | -33.597 | 23.239 | 0.095 | -33.622 | 23.963 | 0.172 | 1.413 | 29.703 | 10.793 | 2.811 | 32.184 | 22.812 | 0.103 | 193.402 | 1.694 | 0.103 | 194.517 | 1.354 | 0.102 | 0.155 | 0.0 | 0.102 | 0.14 | 0.0 |
| 42 | 6391 | 6392 | SN | 1 | -32.745 | 20.012 | 0.0 | -33.317 | 25.288 | 1.705 | 1.832 | 27.775 | 7.525 | 4.994 | 29.74 | 21.322 | 0.103 | 158.949 | 0.384 | 0.103 | 181.375 | 0.219 | 0.103 | 0.15 | 0.0 | 0.102 | 0.124 | 0.0 |
| 43 | 6391 | 6392 | SN | 1 | -32.745 | 23.348 | 0.313 | -33.317 | 25.288 | 1.939 | 1.832 | 27.775 | 7.639 | 4.994 | 29.74 | 21.322 | 0.103 | 158.949 | 0.364 | 0.103 | 181.375 | 0.196 | 0.103 | 0.15 | 0.0 | 0.102 | 0.124 | 0.0 |
| 44 | 6391 | 6392 | SN | 2 | -32.745 | 23.348 | 0.313 | -33.317 | 25.288 | 1.939 | 1.832 | 27.775 | 7.639 | 4.994 | 29.74 | 21.322 | 0.103 | 158.949 | 0.364 | 0.103 | 181.375 | 0.196 | 0.103 | 0.15 | 0.0 | 0.102 | 0.124 | 0.0 |
| 45 | 6392 | 6393 | NS | 1 | -34.863 | 25.127 | 0.045 | -34.886 | 27.413 | 0.074 | -0.362 | 29.782 | 5.97 | 0.802 | 34.396 | 23.181 | 0.103 | 258.843 | 2.943 | 0.103 | 260.223 | 2.469 | 0.102 | 0.183 | 0.0 | 0.102 | 0.163 | 0.0 |
| 46 | 6392 | 6393 | SN | 1 | -34.651 | 23.71 | 0.373 | -34.994 | 25.113 | 1.321 | -30.219 | 30.193 | 7.771 | -23.09 | 29.765 | 7.095 | 0.103 | 246.474 | 3.916 | 0.103 | 266.75 | 3.317 | 0.102 | 88.895 | 0.016 | 0.102 | 17.286 | 0.025 |
| 47 | 6392 | 6393 | SN | 1 | -34.651 | 23.71 | 0.366 | -34.994 | 25.113 | 1.314 | -30.219 | 30.193 | 7.771 | -23.09 | 29.765 | 7.095 | 0.103 | 246.474 | 3.802 | 0.103 | 266.75 | 3.223 | 0.102 | 88.895 | 0.016 | 0.102 | 17.286 | 0.025 |
| 48 | 6392 | 6393 | SN | 2 | -34.651 | 23.71 | 0.366 | -34.994 | 25.113 | 1.314 | -30.219 | 30.193 | 7.771 | -23.09 | 29.765 | 7.095 | 0.103 | 246.474 | 3.802 | 0.103 | 266.75 | 3.223 | 0.102 | 88.895 | 0.016 | 0.102 | 17.286 | 0.025 |
| 49 | 6392 | 6393 | NS | 1 | -34.863 | 25.127 | 0.045 | -34.886 | 27.413 | 0.074 | -0.362 | 29.782 | 5.958 | 0.802 | 34.396 | 23.17 | 0.103 | 258.843 | 2.943 | 0.103 | 260.223 | 2.469 | 0.102 | 0.183 | 0.0 | 0.102 | 0.163 | 0.0 |
| 50 | 6393 | 6394 | SN | 1 | -34.939 | 23.355 | 0.04 | -34.97 | 24.441 | 0.183 | 5.641 | 27.41 | 9.358 | 7.041 | 32.911 | 7.601 | 0.103 | 263.426 | 6.267 | 0.103 | 265.252 | 4.842 | 0.103 | 0.121 | 0.0 | 0.102 | 0.116 | 0.0 |
| 51 | 6393 | 6394 | NS | 2 | -34.543 | 22.509 | 0.008 | -34.79 | 23.521 | 0.084 | -1.287 | 28.818 | 6.974 | -11.025 | 29.588 | 19.686 | 0.103 | 240.418 | 10.567 | 0.103 | 254.491 | 10.153 | 0.102 | 0.204 | 0.0 | 0.102 | 1.151 | 0.002 |
| 52 | 6393 | 6394 | SN | 1 | -34.939 | 23.355 | 0.04 | -34.97 | 24.441 | 0.203 | 5.641 | 27.41 | 9.358 | 7.041 | 32.911 | 7.601 | 0.103 | 263.426 | 6.149 | 0.103 | 265.252 | 4.766 | 0.103 | 0.121 | 0.0 | 0.102 | 0.116 | 0.0 |
| 53 | 6393 | 6394 | NS | 1 | -34.939 | 22.509 | 0.008 | -34.827 | 23.521 | 0.084 | -1.288 | 28.818 | 6.974 | -11.03 | 29.588 | 19.684 | 0.103 | 263.393 | 10.569 | 0.103 | 256.707 | 10.153 | 0.102 | 0.204 | 0.0 | 0.102 | 1.152 | 0.002 |
| 54 | 6393 | 6394 | SN | 1 | -34.939 | 23.355 | 0.04 | -34.97 | 24.441 | 0.183 | 5.641 | 27.41 | 9.358 | 7.041 | 32.911 | 7.601 | 0.103 | 263.426 | 6.228 | 0.103 | 265.252 | 4.841 | 0.103 | 0.121 | 0.0 | 0.102 | 0.116 | 0.0 |
| 55 | 6394 | 6395 | SN | 1 | -34.83 | 21.216 | 0.0 | -34.459 | 23.603 | 0.067 | 6.228 | 26.34 | 10.406 | 6.832 | 28.538 | 7.205 | 0.103 | 256.875 | 1.411 | 0.103 | 235.891 | 1.248 | 0.103 | 0.119 | 0.0 | 0.102 | 0.117 | 0.0 |
| 56 | 6394 | 6395 | SN | 1 | -34.83 | 21.386 | 0.0 | -34.459 | 23.603 | 0.066 | 6.228 | 26.34 | 10.388 | 6.832 | 28.538 | 7.236 | 0.103 | 256.875 | 1.385 | 0.103 | 235.891 | 1.226 | 0.103 | 0.119 | 0.0 | 0.102 | 0.117 | 0.0 |
| 57 | 6394 | 6395 | SN | 1 | -34.83 | 21.386 | 0.0 | -34.459 | 23.603 | 0.066 | 6.228 | 26.34 | 10.388 | 6.832 | 28.538 | 7.236 | 0.103 | 256.875 | 1.384 | 0.103 | 235.891 | 1.225 | 0.103 | 0.119 | 0.0 | 0.102 | 0.117 | 0.0 |
| 58 | 6394 | 6395 | NS | 1 | -34.721 | 21.505 | 0.0 | -34.439 | 22.922 | 0.033 | -5.328 | 28.131 | 5.972 | -5.751 | 28.771 | 16.168 | 0.103 | 250.494 | 3.068 | 0.103 | 234.776 | 2.681 | 0.103 | 0.374 | 0.0 | 0.102 | 0.403 | 0.0 |
| 59 | 6395 | 6396 | NS | 2 | -34.536 | 21.861 | 0.0 | -34.103 | 21.634 | 0.0 | -23.349 | 27.392 | 3.031 | -14.719 | 31.669 | 11.664 | 0.103 | 240.084 | 1.73 | 0.103 | 217.343 | 1.158 | 0.103 | 18.339 | 0.007 | 0.102 | 2.584 | 0.003 |
| 60 | 6395 | 6396 | SN | 1 | -34.982 | 21.652 | 0.0 | -34.448 | 24.386 | 0.06 | 5.792 | 27.764 | 15.206 | 7.616 | 28.669 | 20.278 | 0.103 | 266.043 | 3.435 | 0.103 | 235.284 | 2.408 | 0.103 | 0.121 | 0.0 | 0.102 | 0.114 | 0.0 |
| 61 | 6395 | 6396 | SN | 1 | -34.156 | 21.652 | 0.0 | -33.928 | 24.384 | 0.059 | 5.791 | 27.764 | 15.213 | 7.616 | 28.669 | 20.28 | 0.103 | 219.971 | 3.43 | 0.103 | 208.74 | 2.405 | 0.103 | 0.121 | 0.0 | 0.102 | 0.114 | 0.0 |
| 62 | 6395 | 6396 | NS | 1 | -34.536 | 21.861 | 0.0 | -34.103 | 21.634 | 0.0 | -23.349 | 27.392 | 3.031 | -14.719 | 31.669 | 11.664 | 0.103 | 240.084 | 1.73 | 0.103 | 217.343 | 1.159 | 0.103 | 18.339 | 0.007 | 0.102 | 2.584 | 0.003 |
| 63 | 6395 | 6396 | SN | 1 | -34.982 | 20.266 | 0.0 | -34.448 | 24.384 | 0.06 | 5.792 | 27.764 | 15.325 | 7.616 | 28.669 | 21.033 | 0.103 | 266.043 | 3.537 | 0.103 | 235.284 | 2.464 | 0.103 | 0.121 | 0.0 | 0.102 | 0.114 | 0.0 |
| 64 | 6396 | 6397 | SN | 1 | -34.441 | 22.05 | 0.001 | -34.759 | 25.628 | 0.055 | 4.511 | 27.593 | 14.297 | 8.082 | 29.37 | 21.276 | 0.103 | 234.884 | 2.363 | 0.103 | 252.734 | 1.547 | 0.103 | 0.127 | 0.0 | 0.102 | 0.113 | 0.0 |
| 65 | 6396 | 6397 | NS | 1 | -34.854 | 22.381 | 0.004 | -32.881 | 24.016 | 0.091 | -21.433 | 27.866 | 3.774 | -16.865 | 28.589 | 10.103 | 0.103 | 258.282 | 2.828 | 0.103 | 163.999 | 2.378 | 0.103 | 11.828 | 0.015 | 0.102 | 4.184 | 0.016 |
| 66 | 6396 | 6397 | SN | 1 | -34.441 | 22.05 | 0.001 | -34.759 | 25.628 | 0.055 | 4.511 | 27.593 | 14.309 | 8.082 | 29.37 | 21.276 | 0.103 | 234.884 | 2.375 | 0.103 | 252.734 | 1.531 | 0.103 | 0.127 | 0.0 | 0.102 | 0.113 | 0.0 |
| 67 | 6396 | 6397 | SN | 2 | -34.441 | 22.05 | 0.001 | -34.759 | 25.628 | 0.055 | 4.511 | 27.593 | 14.297 | 8.082 | 29.37 | 21.276 | 0.103 | 234.884 | 2.363 | 0.103 | 252.734 | 1.547 | 0.103 | 0.127 | 0.0 | 0.102 | 0.113 | 0.0 |
| 68 | 6396 | 6397 | NS | 1 | -34.892 | 22.382 | 0.004 | -34.247 | 24.018 | 0.091 | -21.372 | 27.866 | 3.774 | -16.98 | 28.589 | 10.106 | 0.103 | 260.554 | 2.822 | 0.103 | 224.647 | 2.385 | 0.103 | 11.661 | 0.015 | 0.102 | 4.294 | 0.016 |
| 69 | 6397 | 6398 | NS | 1 | -34.388 | 21.176 | 0.0 | -34.993 | 21.827 | 0.0 | -8.332 | 28.986 | 7.803 | -7.716 | 32.387 | 15.759 | 0.103 | 232.009 | 1.267 | 0.103 | 266.66 | 1.175 | 0.102 | 0.658 | 0.0 | 0.102 | 0.583 | 0.0 |
| 70 | 6397 | 6398 | SN | 2 | -34.976 | 22.461 | 0.009 | -34.521 | 23.077 | 0.038 | 5.008 | 28.764 | 9.102 | 8.031 | 29.242 | 17.426 | 0.103 | 265.608 | 3.687 | 0.103 | 239.251 | 2.597 | 0.102 | 0.124 | 0.0 | 0.102 | 0.113 | 0.0 |
| 71 | 6397 | 6398 | NS | 1 | -34.388 | 21.176 | 0.0 | -34.993 | 21.827 | 0.0 | -8.332 | 28.986 | 7.803 | -7.716 | 32.387 | 15.759 | 0.103 | 232.009 | 1.271 | 0.103 | 266.66 | 1.176 | 0.102 | 0.658 | 0.0 | 0.102 | 0.583 | 0.0 |
| 72 | 6397 | 6398 | SN | 1 | -34.021 | 22.461 | 0.009 | -34.515 | 23.077 | 0.038 | 5.011 | 28.764 | 9.107 | 8.031 | 29.242 | 17.43 | 0.103 | 213.275 | 3.695 | 0.103 | 238.868 | 2.596 | 0.102 | 0.124 | 0.0 | 0.102 | 0.113 | 0.0 |

| Parameter Specifications | Parameters | SNR | Kp |
|--------------------------|------------|-------|-----|
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-----|
| 73 | 6397 | 6398 | SN | 1 | -34.021 | 20.152 | 0.0 | -34.515 | 23.077 | 0.018 | 5.011 | 28.764 | 9.669 | 8.031 | 29.242 | 17.466 | 0.103 | 213.275 | 3.894 | 0.103 | 238.868 | 2.693 | 0.102 | 0.124 | 0.0 | 0.102 | 0.113 | 0.0 |
| 74 | 6398 | 6399 | NS | 1 | -31.941 | 21.975 | 0.0 | -34.632 | 23.219 | 0.012 | 5.604 | 31.852 | 7.721 | 7.373 | 29.71 | 17.319 | 0.103 | 132.111 | 1.246 | 0.103 | 245.481 | 0.852 | 0.102 | 0.122 | 0.0 | 0.102 | 0.115 | 0.0 |
| 75 | 6398 | 6399 | NS | 1 | -31.941 | 21.975 | 0.0 | -34.632 | 23.219 | 0.012 | 5.604 | 31.852 | 7.76 | 7.373 | 29.71 | 17.326 | 0.103 | 132.111 | 1.245 | 0.103 | 245.481 | 0.854 | 0.102 | 0.122 | 0.0 | 0.102 | 0.115 | 0.0 |
| 76 | 6398 | 6399 | SN | 2 | -34.759 | 21.398 | 0.0 | -34.478 | 23.3 | 0.049 | 1.654 | 32.724 | 9.954 | 4.015 | 32.401 | 16.01 | 0.103 | 252.689 | 7.565 | 0.103 | 236.856 | 5.836 | 0.102 | 0.152 | 0.0 | 0.102 | 0.13 | 0.0 |
| 77 | 6398 | 6399 | SN | 1 | -34.759 | 21.398 | 0.0 | -34.478 | 23.3 | 0.049 | 1.654 | 32.724 | 9.954 | 4.015 | 32.401 | 16.01 | 0.103 | 252.689 | 7.565 | 0.103 | 236.856 | 5.836 | 0.102 | 0.152 | 0.0 | 0.102 | 0.13 | 0.0 |
| 78 | 6398 | 6399 | SN | 1 | -34.759 | 21.253 | 0.0 | -34.478 | 22.774 | 0.015 | 1.654 | 32.724 | 10.583 | 4.015 | 32.401 | 16.03 | 0.103 | 252.689 | 8.136 | 0.103 | 236.856 | 6.719 | 0.102 | 0.152 | 0.0 | 0.102 | 0.13 | 0.0 |
| 79 | 6399 | 6400 | SN | 2 | -34.858 | 22.641 | 0.008 | -34.75 | 25.51 | 0.238 | -15.666 | 29.002 | 13.666 | -3.559 | 30.451 | 20.978 | 0.103 | 258.58 | 4.668 | 0.103 | 252.194 | 3.182 | 0.102 | 3.194 | 0.002 | 0.102 | 0.279 | 0.0 |
| 80 | 6399 | 6400 | NS | 1 | -34.902 | 23.055 | 0.042 | -34.932 | 23.422 | 0.122 | 2.087 | 27.662 | 11.298 | -3.589 | 29.847 | 34.651 | 0.103 | 261.106 | 5.318 | 0.103 | 263.023 | 3.677 | 0.103 | 0.147 | 0.0 | 0.102 | 0.28 | 0.0 |
| 81 | 6399 | 6400 | SN | 1 | -34.858 | 22.641 | 0.008 | -34.75 | 25.51 | 0.238 | -15.666 | 29.002 | 13.666 | -3.559 | 30.451 | 20.978 | 0.103 | 258.58 | 4.668 | 0.103 | 252.194 | 3.182 | 0.102 | 3.194 | 0.002 | 0.102 | 0.279 | 0.0 |
| 82 | 6399 | 6400 | NS | 1 | -34.902 | 23.055 | 0.042 | -34.932 | 23.422 | 0.122 | 2.087 | 27.662 | 11.35 | -3.589 | 29.847 | 34.679 | 0.103 | 261.106 | 5.316 | 0.103 | 263.023 | 3.672 | 0.103 | 0.147 | 0.0 | 0.102 | 0.28 | 0.0 |
| 83 | 6400 | 6401 | NS | 1 | -34.295 | 22.902 | 0.032 | -34.795 | 23.843 | 0.172 | -13.551 | 30.575 | 11.205 | -6.313 | 29.84 | 28.032 | 0.103 | 227.132 | 5.903 | 0.103 | 254.787 | 4.821 | 0.102 | 1.994 | 0.009 | 0.102 | 0.446 | 0.0 |
| 84 | 6400 | 6401 | NS | 2 | -34.295 | 22.902 | 0.032 | -34.795 | 23.843 | 0.172 | -13.551 | 30.575 | 11.205 | -6.313 | 29.84 | 28.032 | 0.103 | 227.132 | 5.903 | 0.103 | 254.787 | 4.821 | 0.102 | 1.994 | 0.009 | 0.102 | 0.446 | 0.0 |
| 85 | 6400 | 6401 | SN | 1 | -34.83 | 26.541 | 0.076 | -34.846 | 26.316 | 0.516 | -1.312 | 28.166 | 13.819 | -1.25 | 31.797 | 17.103 | 0.103 | 256.893 | 7.849 | 0.103 | 257.822 | 7.158 | 0.103 | 0.204 | 0.0 | 0.102 | 0.203 | 0.0 |
| 86 | 6401 | 6402 | NS | 1 | -32.46 | 23.612 | 0.289 | -33.884 | 23.965 | 0.512 | 4.944 | 27.925 | 13.804 | 6.389 | 32.207 | 22.761 | 0.103 | 148.896 | 1.517 | 0.103 | 206.599 | 1.51 | 0.103 | 0.125 | 0.0 | 0.102 | 0.118 | 0.0 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

Normal

Deviations

Alarming

High Errors

| | | | | | Outer | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 6377 | 6378 | SN | 1 | 57.576 | 58.126 | 0.0 | 0.0 | 299.117 | 3.983 | 1203.224 | 1258.792 | 24.904 | -93.319 | -91.707 | 0.0 |
| 2 | 6377 | 6378 | NS | 1 | 57.744 | 58.263 | 0.0 | 0.0 | 299.674 | 3.786 | 1234.632 | 1262.264 | 0.0 | -93.616 | -91.811 | 0.0 |
| 3 | 6377 | 6378 | SN | 1 | 57.576 | 58.126 | 0.0 | 0.0 | 299.117 | 3.987 | 1203.224 | 1258.792 | 24.819 | -93.319 | -91.707 | 0.0 |
| 4 | 6377 | 6378 | SN | 1 | 57.576 | 58.126 | 0.0 | 0.0 | 297.336 | 3.513 | 1203.224 | 1257.424 | 25.408 | -93.319 | -91.707 | 0.0 |
| 5 | 6378 | 6379 | SN | 1 | 57.562 | 58.125 | 0.0 | 0.0 | 297.148 | 3.726 | 1202.352 | 1258.752 | 25.126 | -93.236 | -91.759 | 0.0 |
| 6 | 6378 | 6379 | SN | 1 | 57.562 | 58.125 | 0.0 | 0.003 | 297.148 | 3.312 | 1202.352 | 1258.032 | 25.477 | -93.236 | -91.759 | 0.0 |
| 7 | 6378 | 6379 | NS | 2 | 57.733 | 58.264 | 0.0 | 0.0 | 295.212 | 3.503 | 1234.792 | 1262.36 | 0.0 | -93.734 | -91.813 | 0.0 |
| 8 | 6378 | 6379 | NS | 1 | 57.733 | 58.264 | 0.0 | 0.0 | 295.212 | 3.503 | 1234.792 | 1262.36 | 0.0 | -93.734 | -91.813 | 0.0 |
| 9 | 6378 | 6379 | SN | 1 | 57.562 | 58.125 | 0.0 | 0.003 | 297.148 | 3.316 | 1202.352 | 1258.032 | 25.396 | -93.236 | -91.759 | 0.0 |
| 10 | 6379 | 6380 | SN | 2 | 57.558 | 58.125 | 0.0 | 0.003 | 294.314 | 3.248 | 1202.272 | 1257.872 | 25.63 | -93.401 | -91.757 | 0.0 |
| 11 | 6379 | 6380 | NS | 1 | 57.73 | 58.265 | 0.0 | 0.0 | 295.372 | 3.507 | 1235.16 | 1262.392 | 0.0 | -93.652 | -91.822 | 0.0 |
| 12 | 6379 | 6380 | SN | 1 | 57.558 | 58.125 | 0.0 | 0.003 | 294.314 | 3.247 | 1202.272 | 1257.888 | 25.63 | -93.401 | -91.757 | 0.0 |
| 13 | 6380 | 6381 | SN | 1 | 57.556 | 58.125 | 0.0 | 0.0 | 298.852 | 3.694 | 1202.6 | 1258.808 | 25.075 | -93.342 | -91.756 | 0.0 |
| 14 | 6380 | 6381 | NS | 1 | 57.75 | 58.266 | 0.0 | 0.0 | 296.034 | 3.391 | 1235.384 | 1263.2 | 0.0 | -93.561 | -91.814 | 0.0 |
| 15 | 6380 | 6381 | NS | 1 | 57.756 | 58.266 | 0.0 | 0.0 | 296.062 | 3.386 | 1235.584 | 1262.976 | 0.0 | -93.551 | -91.814 | 0.0 |
| 16 | 6380 | 6381 | SN | 1 | 57.549 | 58.126 | 0.0 | 0.0 | 298.852 | 3.229 | 1202.592 | 1257.392 | 25.592 | -93.844 | -91.757 | 0.0 |
| 17 | 6380 | 6381 | SN | 1 | 57.549 | 58.126 | 0.0 | 0.0 | 298.852 | 3.694 | 1202.592 | 1258.816 | 25.089 | -93.844 | -91.757 | 0.0 |
| 18 | 6381 | 6382 | SN | 1 | 57.572 | 58.126 | 0.0 | 0.003 | 295.803 | 3.686 | 1203.096 | 1258.984 | 24.934 | -93.316 | -91.757 | 0.0 |
| 19 | 6381 | 6382 | SN | 2 | 57.572 | 58.126 | 0.0 | 0.003 | 295.803 | 3.686 | 1203.096 | 1258.984 | 24.934 | -93.316 | -91.757 | 0.0 |
| 20 | 6381 | 6382 | NS | 1 | 57.737 | 58.265 | 0.0 | 0.0 | 297.578 | 3.698 | 1234.848 | 1263.184 | 0.0 | -93.772 | -91.804 | 0.0 |
| 21 | 6381 | 6382 | NS | 1 | 57.738 | 58.266 | 0.0 | 0.0 | 297.562 | 3.695 | 1234.864 | 1262.52 | 0.0 | -93.652 | -91.804 | 0.0 |
| 22 | 6382 | 6383 | NS | 1 | 57.733 | 58.297 | 0.0 | 0.003 | 298.996 | 3.693 | 1234.232 | 1262.928 | 0.0 | -93.645 | -91.819 | 0.0 |
| 23 | 6382 | 6383 | SN | 1 | 57.556 | 58.125 | 0.0 | 0.0 | 294.016 | 3.771 | 1202.608 | 1259.064 | 24.793 | -93.322 | -91.757 | 0.0 |
| 24 | 6383 | 6384 | SN | 1 | 57.575 | 58.127 | 0.0 | 0.003 | 293.916 | 3.141 | 1203.0 | 1256.472 | 22.968 | -93.49 | -91.717 | 0.0 |
| 25 | 6383 | 6384 | SN | 1 | 57.575 | 58.127 | 0.0 | 0.0 | 293.916 | 3.876 | 1203.0 | 1259.088 | 22.011 | -93.49 | -91.717 | 0.0 |
| 26 | 6383 | 6384 | NS | 1 | 57.733 | 58.278 | 0.0 | 0.0 | 288.214 | 3.586 | 1234.688 | 1262.632 | 0.0 | -93.942 | -91.817 | 0.0 |
| 27 | 6383 | 6384 | SN | 2 | 57.571 | 58.125 | 0.0 | 0.003 | 293.872 | 3.875 | 1202.864 | 1259.088 | 22.041 | -93.442 | -91.717 | 0.0 |
| 28 | 6383 | 6384 | NS | 1 | 57.735 | 58.281 | 0.0 | 0.0 | 288.197 | 3.584 | 1234.472 | 1263.12 | 0.0 | -93.845 | -91.817 | 0.0 |
| 29 | 6384 | 6385 | SN | 1 | 57.571 | 58.129 | 0.0 | 0.0 | 296.166 | 3.759 | 1203.128 | 1259.248 | 20.546 | -93.397 | -91.749 | 0.0 |
| 30 | 6384 | 6385 | NS | 1 | 57.751 | 58.276 | 0.0 | 0.0 | 299.161 | 3.679 | 1235.08 | 1262.528 | 0.0 | -93.845 | -91.812 | 0.0 |
| 31 | 6384 | 6385 | SN | 1 | 57.571 | 58.125 | 0.0 | 0.0 | 296.166 | 2.447 | 1203.128 | 1252.896 | 22.215 | -93.397 | -91.749 | 0.0 |
| 32 | 6384 | 6385 | SN | 2 | 57.571 | 58.129 | 0.0 | 0.0 | 296.166 | 3.759 | 1203.128 | 1259.248 | 20.546 | -93.397 | -91.749 | 0.0 |
| 33 | 6384 | 6385 | NS | 1 | 57.758 | 58.281 | 0.0 | 0.003 | 299.183 | 3.682 | 1235.032 | 1262.48 | 0.0 | -93.844 | -91.812 | 0.0 |
| 34 | 6385 | 6386 | NS | 1 | 57.907 | 58.065 | 0.0 | 0.0 | 299.332 | 15.455 | 1248.864 | 1253.848 | 0.0 | -93.498 | -91.906 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 6385 | 6386 | SN | 2 | 57.562 | 58.137 | 0.0 | 0.0 | 298.306 | 3.674 | 1202.864 | 1259.536 | 22.765 | -93.386 | -91.763 | 0.0 |
| 36 | 6385 | 6386 | NS | 1 | 57.732 | 58.283 | 0.0 | 0.0 | 299.332 | 3.874 | 1234.704 | 1262.656 | 0.0 | -93.626 | -91.802 | 0.0 |
| 37 | 6385 | 6386 | NS | 2 | 57.732 | 58.283 | 0.0 | 0.0 | 299.332 | 3.873 | 1234.704 | 1262.656 | 0.0 | -93.626 | -91.802 | 0.0 |
| 38 | 6385 | 6386 | SN | 1 | 57.562 | 58.137 | 0.0 | 0.0 | 298.306 | 3.674 | 1202.864 | 1259.536 | 22.765 | -93.386 | -91.763 | 0.0 |
| 39 | 6386 | 6387 | SN | 1 | 57.576 | 58.132 | 0.0 | 0.0 | 294.512 | 3.739 | 1203.232 | 1259.488 | 23.538 | -93.452 | -91.763 | 0.0 |
| 40 | 6386 | 6387 | NS | 1 | 57.732 | 58.266 | 0.0 | 0.0 | 298.808 | 3.702 | 1234.152 | 1262.888 | 0.0 | -93.629 | -91.816 | 0.0 |
| 41 | 6386 | 6387 | NS | 2 | 57.732 | 58.266 | 0.0 | 0.0 | 298.808 | 3.702 | 1234.152 | 1262.888 | 0.0 | -93.629 | -91.816 | 0.0 |
| 42 | 6391 | 6392 | SN | 1 | 57.592 | 58.131 | 0.0 | 0.003 | 294.628 | 3.2 | 1204.136 | 1256.984 | 24.262 | -93.388 | -91.744 | 0.0 |
| 43 | 6391 | 6392 | SN | 1 | 57.592 | 58.131 | 0.0 | 0.0 | 294.628 | 4.006 | 1204.136 | 1259.592 | 23.306 | -93.388 | -91.744 | 0.0 |
| 44 | 6391 | 6392 | SN | 2 | 57.592 | 58.131 | 0.0 | 0.0 | 294.628 | 4.006 | 1204.136 | 1259.592 | 23.306 | -93.388 | -91.744 | 0.0 |
| 45 | 6392 | 6393 | NS | 1 | 57.73 | 58.263 | 0.0 | 0.0 | 297.953 | 3.61 | 1233.6 | 1262.776 | 0.0 | -93.57 | -91.811 | 0.0 |
| 46 | 6392 | 6393 | SN | 1 | 57.564 | 58.132 | 0.0 | 0.0 | 295.257 | 3.373 | 1203.992 | 1258.744 | 22.421 | -93.279 | -91.76 | 0.0 |
| 47 | 6392 | 6393 | SN | 1 | 57.564 | 58.132 | 0.0 | 0.0 | 295.257 | 3.799 | 1203.992 | 1259.584 | 22.032 | -93.279 | -91.76 | 0.0 |
| 48 | 6392 | 6393 | SN | 2 | 57.564 | 58.132 | 0.0 | 0.0 | 295.257 | 3.799 | 1203.992 | 1259.576 | 22.032 | -93.279 | -91.76 | 0.0 |
| 49 | 6392 | 6393 | NS | 1 | 57.73 | 58.263 | 0.0 | 0.0 | 297.953 | 3.607 | 1233.6 | 1262.776 | 0.0 | -93.57 | -91.811 | 0.0 |
| 50 | 6393 | 6394 | SN | 1 | 57.563 | 58.131 | 0.0 | 0.003 | 296.569 | 3.23 | 1203.288 | 1258.832 | 23.157 | -93.912 | -91.765 | 0.0 |
| 51 | 6393 | 6394 | NS | 2 | 57.744 | 58.265 | 0.0 | 0.0 | 298.417 | 3.536 | 1233.328 | 1262.848 | 0.0 | -93.755 | -91.787 | 0.0 |
| 52 | 6393 | 6394 | SN | 1 | 57.563 | 58.131 | 0.0 | 0.0 | 296.569 | 3.636 | 1203.288 | 1259.528 | 22.85 | -93.912 | -91.765 | 0.0 |
| 53 | 6393 | 6394 | NS | 1 | 57.735 | 58.265 | 0.0 | 0.0 | 298.461 | 3.536 | 1233.872 | 1262.968 | 0.0 | -93.612 | -91.787 | 0.0 |
| 54 | 6393 | 6394 | SN | 1 | 57.563 | 58.131 | 0.0 | 0.003 | 296.569 | 3.233 | 1203.288 | 1258.832 | 23.15 | -93.912 | -91.765 | 0.0 |
| 55 | 6394 | 6395 | SN | 1 | 57.59 | 58.132 | 0.0 | 0.0 | 291.71 | 3.221 | 1203.536 | 1258.472 | 23.544 | -93.432 | -91.763 | 0.0 |
| 56 | 6394 | 6395 | SN | 1 | 57.59 | 58.132 | 0.0 | 0.0 | 292.527 | 3.663 | 1203.536 | 1259.576 | 23.175 | -93.448 | -91.763 | 0.0 |
| 57 | 6394 | 6395 | SN | 1 | 57.59 | 58.132 | 0.0 | 0.0 | 292.527 | 3.66 | 1203.536 | 1259.576 | 23.163 | -93.448 | -91.763 | 0.0 |
| 58 | 6394 | 6395 | NS | 1 | 57.75 | 58.266 | 0.0 | 0.0 | 298.781 | 3.587 | 1233.256 | 1262.872 | 0.0 | -93.709 | -91.815 | 0.0 |
| 59 | 6395 | 6396 | NS | 2 | 57.741 | 58.266 | 0.0 | 0.0 | 299.316 | 3.626 | 1234.152 | 1262.96 | 0.0 | -93.818 | -91.784 | 0.0 |
| 60 | 6395 | 6396 | SN | 1 | 57.56 | 58.133 | 0.0 | 0.0 | 295.731 | 3.683 | 1203.92 | 1259.704 | 23.342 | -93.344 | -91.763 | 0.0 |
| 61 | 6395 | 6396 | SN | 1 | 57.562 | 58.132 | 0.0 | 0.0 | 295.775 | 3.68 | 1203.912 | 1259.704 | 23.313 | -93.345 | -91.763 | 0.0 |
| 62 | 6395 | 6396 | NS | 1 | 57.741 | 58.266 | 0.0 | 0.0 | 299.316 | 3.626 | 1234.152 | 1262.96 | 0.0 | -93.818 | -91.784 | 0.0 |
| 63 | 6395 | 6396 | SN | 1 | 57.56 | 58.133 | 0.0 | 0.003 | 295.731 | 3.18 | 1203.92 | 1258.088 | 23.897 | -93.344 | -91.763 | 0.0 |
| 64 | 6396 | 6397 | SN | 1 | 57.569 | 58.133 | 0.0 | 0.0 | 293.222 | 3.696 | 1203.632 | 1259.824 | 22.296 | -93.336 | -91.764 | 0.0 |
| 65 | 6396 | 6397 | NS | 1 | 57.725 | 58.266 | 0.0 | 0.0 | 294.843 | 3.699 | 1233.648 | 1263.056 | 0.0 | -93.863 | -91.812 | 0.0 |
| 66 | 6396 | 6397 | SN | 1 | 57.569 | 58.133 | 0.0 | 0.0 | 293.222 | 3.461 | 1203.632 | 1259.512 | 22.41 | -93.336 | -91.764 | 0.0 |
| 67 | 6396 | 6397 | SN | 2 | 57.569 | 58.133 | 0.0 | 0.0 | 293.222 | 3.696 | 1203.632 | 1259.824 | 22.296 | -93.336 | -91.764 | 0.0 |
| 68 | 6396 | 6397 | NS | 1 | 57.723 | 58.265 | 0.0 | 0.0 | 294.882 | 3.702 | 1233.512 | 1263.152 | 0.0 | -93.707 | -91.813 | 0.0 |
| 69 | 6397 | 6398 | NS | 1 | 57.754 | 58.265 | 0.0 | 0.0 | 297.275 | 3.669 | 1233.488 | 1263.768 | 0.0 | -93.716 | -91.811 | 0.0 |
| 70 | 6397 | 6398 | SN | 2 | 57.571 | 58.133 | 0.0 | 0.0 | 291.319 | 3.845 | 1203.712 | 1259.848 | 21.772 | -93.313 | -91.756 | 0.0 |
| 71 | 6397 | 6398 | NS | 1 | 57.754 | 58.265 | 0.0 | 0.0 | 297.275 | 3.666 | 1233.488 | 1263.768 | 0.0 | -93.716 | -91.811 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|--------|----------|
| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 72 | 6397 | 6398 | SN | 1 | 57.574 | 58.133 | 0.0 | 0.0 | 291.242 | 3.843 | 1203.712 | 1259.848 | 21.777 | -93.381 | -91.757 | 0.0 |
| 73 | 6397 | 6398 | SN | 1 | 57.574 | 58.13 | 0.0 | 0.0 | 291.242 | 2.875 | 1203.712 | 1255.992 | 23.02 | -93.381 | -91.757 | 0.0 |
| 74 | 6398 | 6399 | NS | 1 | 57.72 | 58.264 | 0.0 | 0.0 | 298.648 | 3.567 | 1233.832 | 1262.976 | 0.0 | -93.743 | -91.803 | 0.0 |
| 75 | 6398 | 6399 | NS | 1 | 57.72 | 58.264 | 0.0 | 0.0 | 298.648 | 3.572 | 1233.832 | 1262.976 | 0.0 | -93.743 | -91.803 | 0.0 |
| 76 | 6398 | 6399 | SN | 2 | 57.582 | 58.135 | 0.0 | 0.0 | 292.174 | 3.881 | 1204.0 | 1259.96 | 18.414 | -93.327 | -91.759 | 0.0 |
| 77 | 6398 | 6399 | SN | 1 | 57.582 | 58.135 | 0.0 | 0.0 | 292.174 | 3.881 | 1204.0 | 1259.96 | 18.414 | -93.327 | -91.759 | 0.0 |
| 78 | 6398 | 6399 | SN | 1 | 57.582 | 58.132 | 0.0 | 0.0 | 292.174 | 2.534 | 1204.0 | 1253.888 | 19.915 | -93.327 | -91.759 | 0.0 |
| 79 | 6399 | 6400 | SN | 2 | 57.563 | 58.136 | 0.0 | 0.0 | 294.391 | 3.757 | 1204.12 | 1260.272 | 19.41 | -93.588 | -91.752 | 0.0 |
| 80 | 6399 | 6400 | NS | 1 | 57.724 | 58.272 | 0.0 | 0.0 | 297.38 | 3.734 | 1233.68 | 1263.0 | 0.0 | -93.708 | -91.752 | 0.0 |
| 81 | 6399 | 6400 | SN | 1 | 57.563 | 58.136 | 0.0 | 0.0 | 294.391 | 3.757 | 1204.12 | 1260.272 | 19.41 | -93.588 | -91.752 | 0.0 |
| 82 | 6399 | 6400 | NS | 1 | 57.724 | 58.272 | 0.0 | 0.0 | 297.38 | 3.74 | 1233.68 | 1263.0 | 0.0 | -93.708 | -91.752 | 0.0 |
| 83 | 6400 | 6401 | NS | 1 | 57.717 | 58.266 | 0.0 | 0.0 | 297.005 | 3.79 | 1233.208 | 1263.256 | 0.0 | -93.653 | -91.802 | 0.0 |
| 84 | 6400 | 6401 | NS | 2 | 57.717 | 58.266 | 0.0 | 0.0 | 297.005 | 3.79 | 1233.208 | 1263.256 | 0.0 | -93.653 | -91.802 | 0.0 |
| 85 | 6400 | 6401 | SN | 1 | 57.574 | 58.143 | 0.0 | 0.003 | 294.948 | 3.723 | 1204.128 | 1260.4 | 20.415 | -93.376 | -91.771 | 0.0 |
| 86 | 6401 | 6402 | NS | 1 | 57.722 | 58.266 | 0.0 | 0.0 | 296.779 | 3.667 | 1232.928 | 1263.288 | 0.0 | -93.644 | -91.808 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|--------|----------|
| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | Outer | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|--------|------------|-----------|--------|------------|
| | | | | | SNR | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 6377 | 6378 | SN | 1 | -34.021 | 17.894 | 0.0 | -28.616 | 18.762 | 0.0 | -14.306 | 22.327 | 0.01 | -25.31 | 22.639 | 0.039 | 0.083 | 174.145 | 1.03 | 0.083 | 50.208 | 0.647 | 0.083 | 1.923 | 0.001 | 0.083 | 23.48 | 0.002 |
| 2 | 6377 | 6378 | NS | 1 | -34.229 | 19.271 | 0.0 | -34.479 | 20.566 | 0.0 | -0.17 | 22.372 | 0.016 | 0.265 | 23.696 | 0.283 | 0.083 | 182.65 | 2.975 | 0.083 | 193.505 | 3.053 | 0.083 | 0.145 | 0.0 | 0.083 | 0.139 | 0.0 |
| 3 | 6377 | 6378 | SN | 1 | -34.021 | 17.894 | 0.0 | -28.616 | 18.762 | 0.0 | -14.306 | 22.327 | 0.01 | -25.31 | 22.639 | 0.039 | 0.083 | 174.145 | 1.03 | 0.083 | 50.208 | 0.644 | 0.083 | 1.923 | 0.001 | 0.083 | 23.48 | 0.002 |
| 4 | 6377 | 6378 | SN | 1 | -34.021 | 17.684 | 0.0 | -28.616 | 18.762 | 0.0 | -14.306 | 22.327 | 0.01 | -25.31 | 22.639 | 0.039 | 0.084 | 174.145 | 1.075 | 0.083 | 50.208 | 0.68 | 0.083 | 1.923 | 0.001 | 0.083 | 23.48 | 0.002 |
| 5 | 6378 | 6379 | SN | 1 | -34.165 | 17.811 | 0.0 | -34.765 | 20.272 | 0.0 | 1.623 | 22.763 | 0.012 | 0.97 | 23.178 | 0.081 | 0.083 | 179.986 | 1.93 | 0.083 | 206.656 | 1.506 | 0.083 | 0.123 | 0.0 | 0.083 | 0.13 | 0.0 |
| 6 | 6378 | 6379 | SN | 1 | -34.165 | 17.811 | 0.0 | -34.765 | 20.272 | 0.0 | 1.623 | 22.763 | 0.012 | 0.97 | 23.178 | 0.081 | 0.083 | 179.986 | 1.977 | 0.083 | 206.656 | 1.534 | 0.083 | 0.123 | 0.0 | 0.083 | 0.13 | 0.0 |
| 7 | 6378 | 6379 | NS | 2 | -34.88 | 20.2 | 0.0 | -34.852 | 20.19 | 0.0 | -15.211 | 22.624 | 0.009 | -9.05 | 23.476 | 0.166 | 0.083 | 212.164 | 8.184 | 0.083 | 210.839 | 8.178 | 0.083 | 2.353 | 0.002 | 0.083 | 0.62 | 0.0 |
| 8 | 6378 | 6379 | NS | 1 | -34.88 | 20.2 | 0.0 | -34.852 | 20.19 | 0.0 | -15.211 | 22.624 | 0.009 | -9.05 | 23.476 | 0.166 | 0.083 | 212.164 | 8.184 | 0.083 | 210.839 | 8.174 | 0.083 | 2.353 | 0.002 | 0.083 | 0.62 | 0.0 |
| 9 | 6378 | 6379 | SN | 1 | -34.165 | 17.811 | 0.0 | -34.765 | 20.272 | 0.0 | 1.623 | 22.763 | 0.012 | 0.97 | 23.178 | 0.081 | 0.083 | 179.986 | 1.979 | 0.083 | 206.656 | 1.536 | 0.083 | 0.123 | 0.0 | 0.083 | 0.13 | 0.0 |
| 10 | 6379 | 6380 | SN | 2 | -34.974 | 17.203 | 0.0 | -34.816 | 17.0 | 0.0 | 1.731 | 22.192 | 0.005 | 2.97 | 21.262 | 0.0 | 0.084 | 216.855 | 1.723 | 0.084 | 209.096 | 1.389 | 0.083 | 0.122 | 0.0 | 0.083 | 0.112 | 0.0 |
| 11 | 6379 | 6380 | NS | 1 | -34.577 | 16.228 | 0.0 | -34.625 | 16.808 | 0.0 | -8.241 | 21.895 | 0.0 | -27.527 | 23.094 | 0.102 | 0.084 | 197.894 | 2.866 | 0.084 | 200.039 | 3.408 | 0.083 | 0.526 | 0.0 | 0.083 | 39.086 | 0.05 |
| 12 | 6379 | 6380 | SN | 1 | -34.974 | 17.203 | 0.0 | -34.816 | 16.999 | 0.0 | 1.731 | 22.192 | 0.005 | 2.97 | 21.262 | 0.0 | 0.084 | 216.855 | 1.723 | 0.084 | 209.096 | 1.389 | 0.083 | 0.122 | 0.0 | 0.083 | 0.112 | 0.0 |
| 13 | 6380 | 6381 | SN | 1 | -34.843 | 15.808 | 0.0 | -34.617 | 16.923 | 0.0 | 0.27 | 22.497 | 0.039 | 1.764 | 22.498 | 0.103 | 0.084 | 210.362 | 1.84 | 0.084 | 199.709 | 1.407 | 0.083 | 0.139 | 0.0 | 0.083 | 0.122 | 0.0 |
| 14 | 6380 | 6381 | NS | 1 | -34.365 | 16.112 | 0.0 | -34.263 | 16.188 | 0.0 | -24.145 | 22.29 | 0.007 | -28.997 | 23.519 | 0.086 | 0.084 | 188.455 | 1.949 | 0.084 | 184.052 | 2.138 | 0.083 | 17.974 | 0.03 | 0.083 | 54.792 | 0.036 |
| 15 | 6380 | 6381 | NS | 1 | -34.174 | 16.112 | 0.0 | -34.84 | 16.188 | 0.0 | -24.111 | 22.29 | 0.007 | -28.61 | 23.519 | 0.086 | 0.084 | 180.351 | 1.955 | 0.084 | 210.236 | 2.137 | 0.083 | 17.833 | 0.03 | 0.083 | 50.141 | 0.036 |
| 16 | 6380 | 6381 | SN | 1 | -34.916 | 15.719 | 0.0 | -34.837 | 16.923 | 0.0 | 0.27 | 22.497 | 0.039 | 1.764 | 22.498 | 0.107 | 0.084 | 213.929 | 1.887 | 0.084 | 210.065 | 1.429 | 0.083 | 0.139 | 0.0 | 0.083 | 0.122 | 0.0 |
| 17 | 6380 | 6381 | SN | 1 | -34.916 | 15.806 | 0.0 | -34.837 | 16.923 | 0.0 | 0.27 | 22.497 | 0.039 | 1.764 | 22.498 | 0.103 | 0.084 | 213.929 | 1.843 | 0.084 | 210.065 | 1.405 | 0.083 | 0.139 | 0.0 | 0.083 | 0.122 | 0.0 |
| 18 | 6381 | 6382 | SN | 1 | -34.269 | 16.307 | 0.0 | -34.406 | 17.393 | 0.0 | 0.075 | 22.407 | 0.025 | 2.403 | 23.012 | 0.432 | 0.084 | 184.325 | 1.811 | 0.084 | 190.28 | 1.491 | 0.083 | 0.142 | 0.0 | 0.083 | 0.116 | 0.0 |
| 19 | 6381 | 6382 | SN | 2 | -34.269 | 16.307 | 0.0 | -34.406 | 17.393 | 0.0 | 0.075 | 22.407 | 0.025 | 2.403 | 23.012 | 0.432 | 0.084 | 184.325 | 1.811 | 0.084 | 190.28 | 1.491 | 0.083 | 0.142 | 0.0 | 0.083 | 0.116 | 0.0 |
| 20 | 6381 | 6382 | NS | 1 | -34.758 | 16.76 | 0.0 | -34.765 | 16.723 | 0.0 | -28.002 | 22.679 | 0.005 | -27.227 | 22.71 | 0.046 | 0.084 | 206.274 | 2.922 | 0.084 | 206.651 | 2.556 | 0.083 | 43.598 | 0.032 | 0.083 | 36.483 | 0.017 |
| 21 | 6381 | 6382 | NS | 1 | -34.236 | 16.759 | 0.0 | -33.989 | 16.723 | 0.0 | -28.07 | 22.679 | 0.005 | -27.256 | 22.71 | 0.046 | 0.084 | 182.975 | 2.915 | 0.084 | 172.842 | 2.545 | 0.083 | 44.278 | 0.032 | 0.083 | 36.721 | 0.017 |
| 22 | 6382 | 6383 | NS | 1 | -34.328 | 17.172 | 0.0 | -34.96 | 17.783 | 0.0 | -28.762 | 22.336 | 0.005 | -20.846 | 23.453 | 0.189 | 0.084 | 186.857 | 2.052 | 0.083 | 216.103 | 1.965 | 0.083 | 51.908 | 0.11 | 0.083 | 8.44 | 0.025 |
| 23 | 6382 | 6383 | SN | 1 | -34.866 | 16.31 | 0.0 | -34.928 | 17.698 | 0.0 | 0.375 | 22.15 | 0.004 | 3.396 | 22.164 | 0.01 | 0.084 | 211.502 | 2.167 | 0.084 | 214.501 | 2.005 | 0.083 | 0.137 | 0.0 | 0.083 | 0.109 | 0.0 |
| 24 | 6383 | 6384 | SN | 1 | -34.982 | 15.832 | 0.0 | -34.57 | 16.822 | 0.0 | -0.133 | 23.262 | 0.246 | 1.195 | 23.556 | 0.815 | 0.084 | 217.236 | 3.487 | 0.084 | 197.579 | 2.704 | 0.083 | 0.145 | 0.0 | 0.083 | 0.127 | 0.0 |
| 25 | 6383 | 6384 | SN | 1 | -34.982 | 16.7 | 0.0 | -34.57 | 17.088 | 0.0 | -0.133 | 23.262 | 0.24 | 1.195 | 23.556 | 0.815 | 0.084 | 217.236 | 3.312 | 0.084 | 197.579 | 2.581 | 0.083 | 0.145 | 0.0 | 0.083 | 0.127 | 0.0 |
| 26 | 6383 | 6384 | NS | 1 | -34.781 | 17.011 | 0.0 | -34.8 | 17.044 | 0.0 | 2.746 | 22.399 | 0.052 | 2.353 | 23.281 | 0.54 | 0.084 | 207.417 | 1.454 | 0.084 | 208.268 | 1.387 | 0.083 | 0.113 | 0.0 | 0.083 | 0.116 | 0.0 |
| 27 | 6383 | 6384 | SN | 2 | -34.688 | 16.702 | 0.0 | -34.94 | 17.088 | 0.0 | -0.136 | 23.262 | 0.24 | 1.19 | 23.558 | 0.813 | 0.084 | 203.018 | 3.313 | 0.084 | 215.17 | 2.575 | 0.083 | 0.145 | 0.0 | 0.083 | 0.127 | 0.0 |
| 28 | 6383 | 6384 | NS | 1 | -34.679 | 17.011 | 0.0 | -34.23 | 17.044 | 0.0 | 2.746 | 22.399 | 0.052 | 2.353 | 23.281 | 0.54 | 0.084 | 202.586 | 1.455 | 0.084 | 182.683 | 1.386 | 0.083 | 0.113 | 0.0 | 0.083 | 0.116 | 0.0 |
| 29 | 6384 | 6385 | SN | 1 | -32.895 | 15.837 | 0.0 | -34.688 | 17.537 | 0.0 | -10.196 | 23.335 | 0.139 | -6.97 | 24.11 | 0.99 | 0.084 | 134.386 | 3.294 | 0.084 | 203.001 | 2.812 | 0.083 | 0.787 | 0.0 | 0.083 | 0.41 | 0.0 |
| 30 | 6384 | 6385 | NS | 1 | -34.888 | 17.189 | 0.0 | -32.688 | 17.69 | 0.0 | -4.52 | 22.509 | 0.036 | -4.04 | 23.572 | 0.76 | 0.084 | 212.548 | 1.479 | 0.084 | 128.084 | 1.081 | 0.083 | 0.264 | 0.0 | 0.083 | 0.244 | 0.0 |
| 31 | 6384 | 6385 | SN | 1 | -32.895 | 15.837 | 0.0 | -34.688 | 17.037 | 0.0 | -10.196 | 23.335 | 0.149 | -6.97 | 24.11 | 0.876 | 0.084 | 134.386 | 3.493 | 0.084 | 203.001 | 3.227 | 0.083 | 0.787 | 0.0 | 0.083 | 0.41 | 0.0 |
| 32 | 6384 | 6385 | SN | 2 | -32.895 | 15.837 | 0.0 | -34.688 | 17.537 | 0.0 | -10.196 | 23.335 | 0.139 | -6.97 | 24.11 | 0.99 | 0.084 | 134.386 | 3.294 | 0.084 | 203.001 | 2.812 | 0.083 | 0.787 | 0.0 | 0.083 | 0.41 | 0.0 |

| Parameter Specifications | Parameters | SNR | Kp | Normal | Deviations | Alarming | High Errors |
|--------------------------|------------|-------|-----|--------|------------|----------|-------------|
| | Min | -65.0 | 0.0 | | | | |
| | Max | 22.0 | 1.0 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|--------|-------|---------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 33 | 6384 | 6385 | NS | 1 | -33.689 | 17.188 | 0.0 | -34.411 | 17.69 | 0.0 | -4.551 | 22.508 | 0.036 | -4.062 | 23.572 | 0.762 | 0.084 | 161.293 | 1.485 | 0.084 | 190.456 | 1.083 | 0.083 | 0.266 | 0.0 | 0.083 | 0.245 | 0.0 |
| 34 | 6385 | 6386 | NS | 1 | -9.404 | 11.327 | 0.0 | -13.754 | 9.627 | 0.0 | 0.757 | 19.174 | 0.0 | 7.333 | 24.15 | 16.712 | 0.086 | 0.667 | 0.0 | 0.088 | 1.701 | 0.148 | 0.083 | 0.132 | 0.0 | 0.083 | 0.093 | 0.0 |
| 35 | 6385 | 6386 | SN | 2 | -34.909 | 18.309 | 0.0 | -34.882 | 18.162 | 0.0 | -33.528 | 23.106 | 0.098 | -4.995 | 24.028 | 0.567 | 0.083 | 213.65 | 10.137 | 0.083 | 212.213 | 9.378 | 0.083 | 155.416 | 0.041 | 0.083 | 0.286 | 0.0 |
| 36 | 6385 | 6386 | NS | 1 | -34.356 | 17.051 | 0.0 | -33.989 | 17.768 | 0.0 | -0.786 | 22.3 | 0.018 | 2.143 | 24.15 | 2.196 | 0.084 | 188.073 | 2.247 | 0.083 | 172.829 | 1.967 | 0.083 | 0.155 | 0.0 | 0.083 | 0.118 | 0.0 |
| 37 | 6385 | 6386 | NS | 2 | -34.356 | 17.051 | 0.0 | -33.989 | 17.768 | 0.0 | -0.786 | 22.3 | 0.018 | 2.143 | 24.15 | 2.196 | 0.084 | 188.073 | 2.247 | 0.083 | 172.829 | 1.967 | 0.083 | 0.155 | 0.0 | 0.083 | 0.118 | 0.0 |
| 38 | 6385 | 6386 | SN | 1 | -34.909 | 18.309 | 0.0 | -34.882 | 18.162 | 0.0 | -33.528 | 23.106 | 0.098 | -4.995 | 24.028 | 0.567 | 0.083 | 213.65 | 10.137 | 0.083 | 212.213 | 9.378 | 0.083 | 155.416 | 0.041 | 0.083 | 0.286 | 0.0 |
| 39 | 6386 | 6387 | SN | 1 | -34.105 | 20.275 | 0.0 | -34.725 | 20.958 | 0.0 | -29.399 | 23.51 | 0.143 | -27.134 | 23.436 | 0.286 | 0.083 | 177.524 | 2.599 | 0.083 | 204.783 | 2.289 | 0.083 | 60.099 | 0.116 | 0.083 | 35.707 | 0.107 |
| 40 | 6386 | 6387 | NS | 1 | -34.748 | 18.015 | 0.0 | -33.664 | 18.269 | 0.0 | 0.82 | 22.087 | 0.003 | 1.6 | 24.288 | 1.821 | 0.083 | 205.876 | 1.465 | 0.083 | 160.403 | 1.201 | 0.083 | 0.132 | 0.0 | 0.083 | 0.123 | 0.0 |
| 41 | 6386 | 6387 | NS | 2 | -34.748 | 18.015 | 0.0 | -33.664 | 18.269 | 0.0 | 0.82 | 22.087 | 0.003 | 1.6 | 24.288 | 1.821 | 0.083 | 205.876 | 1.465 | 0.083 | 160.403 | 1.201 | 0.083 | 0.132 | 0.0 | 0.083 | 0.123 | 0.0 |
| 42 | 6391 | 6392 | SN | 1 | -31.863 | 14.924 | 0.0 | -32.002 | 18.609 | 0.0 | -6.384 | 22.393 | 0.011 | -5.49 | 23.061 | 0.025 | 0.084 | 105.966 | 0.498 | 0.083 | 109.428 | 0.358 | 0.083 | 0.367 | 0.0 | 0.083 | 0.312 | 0.0 |
| 43 | 6391 | 6392 | SN | 1 | -31.863 | 16.96 | 0.0 | -32.002 | 18.609 | 0.0 | -6.384 | 22.393 | 0.011 | -5.49 | 23.061 | 0.025 | 0.084 | 105.966 | 0.479 | 0.083 | 109.428 | 0.321 | 0.083 | 0.367 | 0.0 | 0.083 | 0.312 | 0.0 |
| 44 | 6391 | 6392 | SN | 2 | -31.863 | 16.96 | 0.0 | -32.002 | 18.609 | 0.0 | -6.384 | 22.393 | 0.011 | -5.49 | 23.061 | 0.025 | 0.084 | 105.966 | 0.479 | 0.083 | 109.428 | 0.321 | 0.083 | 0.367 | 0.0 | 0.083 | 0.312 | 0.0 |
| 45 | 6392 | 6393 | NS | 1 | -34.872 | 18.877 | 0.0 | -34.888 | 20.548 | 0.0 | -4.045 | 22.118 | 0.002 | -3.979 | 23.939 | 0.187 | 0.083 | 211.824 | 3.11 | 0.083 | 212.543 | 3.028 | 0.083 | 0.244 | 0.0 | 0.083 | 0.242 | 0.0 |
| 46 | 6392 | 6393 | SN | 1 | -34.826 | 17.652 | 0.0 | -34.973 | 18.393 | 0.0 | -29.017 | 22.251 | 0.007 | -20.728 | 23.549 | 0.058 | 0.084 | 209.572 | 4.208 | 0.083 | 216.763 | 3.008 | 0.083 | 55.051 | 0.014 | 0.083 | 8.218 | 0.008 |
| 47 | 6392 | 6393 | SN | 1 | -34.826 | 17.811 | 0.0 | -34.973 | 18.393 | 0.0 | -29.017 | 22.251 | 0.007 | -20.728 | 23.549 | 0.058 | 0.083 | 209.572 | 4.079 | 0.083 | 216.763 | 2.925 | 0.083 | 55.051 | 0.014 | 0.083 | 8.218 | 0.008 |
| 48 | 6392 | 6393 | SN | 2 | -34.826 | 17.812 | 0.0 | -34.973 | 18.393 | 0.0 | -29.017 | 22.251 | 0.007 | -20.728 | 23.549 | 0.058 | 0.083 | 209.572 | 4.079 | 0.083 | 216.763 | 2.925 | 0.083 | 55.051 | 0.014 | 0.083 | 8.218 | 0.008 |
| 49 | 6392 | 6393 | NS | 1 | -34.872 | 18.877 | 0.0 | -34.888 | 20.548 | 0.0 | -4.045 | 22.118 | 0.002 | -3.979 | 23.939 | 0.187 | 0.083 | 211.824 | 3.11 | 0.083 | 212.543 | 3.028 | 0.083 | 0.244 | 0.0 | 0.083 | 0.242 | 0.0 |
| 50 | 6393 | 6394 | SN | 1 | -34.931 | 17.706 | 0.0 | -34.875 | 18.049 | 0.0 | 0.803 | 22.45 | 0.049 | 2.825 | 22.808 | 0.086 | 0.083 | 214.646 | 5.465 | 0.083 | 211.956 | 5.007 | 0.083 | 0.132 | 0.0 | 0.083 | 0.113 | 0.0 |
| 51 | 6393 | 6394 | NS | 2 | -34.965 | 16.569 | 0.0 | -34.767 | 16.332 | 0.0 | -15.705 | 22.436 | 0.012 | -23.505 | 23.349 | 0.17 | 0.084 | 220.194 | 9.278 | 0.084 | 206.746 | 9.739 | 0.083 | 2.629 | 0.004 | 0.083 | 15.519 | 0.065 |
| 52 | 6393 | 6394 | SN | 1 | -34.931 | 17.706 | 0.0 | -34.875 | 18.049 | 0.0 | 0.803 | 22.45 | 0.049 | 2.825 | 22.808 | 0.086 | 0.083 | 214.646 | 5.361 | 0.083 | 211.956 | 4.933 | 0.083 | 0.132 | 0.0 | 0.083 | 0.113 | 0.0 |
| 53 | 6393 | 6394 | NS | 1 | -34.889 | 16.57 | 0.0 | -34.916 | 16.332 | 0.0 | -15.692 | 22.436 | 0.012 | -23.492 | 23.349 | 0.17 | 0.084 | 212.616 | 9.279 | 0.084 | 213.946 | 9.745 | 0.083 | 2.621 | 0.004 | 0.083 | 15.476 | 0.065 |
| 54 | 6393 | 6394 | SN | 1 | -34.931 | 17.706 | 0.0 | -34.875 | 18.049 | 0.0 | 0.803 | 22.45 | 0.049 | 2.825 | 22.808 | 0.086 | 0.083 | 214.646 | 5.445 | 0.083 | 211.956 | 5.007 | 0.083 | 0.132 | 0.0 | 0.083 | 0.113 | 0.0 |
| 55 | 6394 | 6395 | SN | 1 | -34.441 | 15.911 | 0.0 | -34.089 | 16.951 | 0.0 | 1.416 | 22.254 | 0.012 | 1.36 | 21.391 | 0.0 | 0.084 | 191.755 | 1.212 | 0.084 | 176.876 | 1.108 | 0.083 | 0.125 | 0.0 | 0.083 | 0.126 | 0.0 |
| 56 | 6394 | 6395 | SN | 1 | -34.441 | 15.917 | 0.0 | -34.089 | 16.951 | 0.0 | 1.416 | 22.254 | 0.012 | 1.36 | 21.391 | 0.0 | 0.084 | 191.755 | 1.188 | 0.084 | 176.876 | 1.094 | 0.083 | 0.125 | 0.0 | 0.083 | 0.126 | 0.0 |
| 57 | 6394 | 6395 | SN | 1 | -34.441 | 15.917 | 0.0 | -34.089 | 16.951 | 0.0 | 1.416 | 22.254 | 0.012 | 1.36 | 21.391 | 0.0 | 0.084 | 191.755 | 1.195 | 0.084 | 176.876 | 1.092 | 0.083 | 0.125 | 0.0 | 0.083 | 0.126 | 0.0 |
| 58 | 6394 | 6395 | NS | 1 | -34.97 | 15.904 | 0.0 | -34.954 | 15.975 | 0.0 | -25.926 | 21.672 | 0.0 | -26.746 | 22.874 | 0.094 | 0.084 | 216.616 | 2.361 | 0.084 | 215.86 | 2.661 | 0.083 | 27.055 | 0.185 | 0.083 | 32.656 | 0.229 |
| 59 | 6395 | 6396 | NS | 2 | -34.639 | 16.219 | 0.0 | -34.666 | 15.988 | 0.0 | -24.113 | 22.754 | 0.026 | -23.718 | 23.099 | 0.101 | 0.084 | 200.681 | 1.136 | 0.084 | 201.969 | 1.024 | 0.083 | 17.839 | 0.018 | 0.083 | 16.298 | 0.015 |
| 60 | 6395 | 6396 | SN | 1 | -34.485 | 16.402 | 0.0 | -34.968 | 17.212 | 0.0 | 1.015 | 22.285 | 0.03 | 2.435 | 22.803 | 0.319 | 0.084 | 193.738 | 2.549 | 0.084 | 216.513 | 2.054 | 0.083 | 0.129 | 0.0 | 0.083 | 0.116 | 0.0 |
| 61 | 6395 | 6396 | SN | 1 | -34.85 | 16.398 | 0.0 | -34.481 | 17.211 | 0.0 | 1.014 | 22.286 | 0.03 | 2.426 | 22.803 | 0.319 | 0.084 | 210.734 | 2.562 | 0.084 | 193.576 | 2.057 | 0.083 | 0.129 | 0.0 | 0.083 | 0.116 | 0.0 |
| 62 | 6395 | 6396 | NS | 1 | -34.639 | 16.219 | 0.0 | -34.666 | 15.988 | 0.0 | -24.113 | 22.754 | 0.026 | -23.718 | 23.099 | 0.101 | 0.084 | 200.681 | 1.136 | 0.084 | 201.969 | 1.024 | 0.083 | 17.839 | 0.018 | 0.083 | 16.298 | 0.015 |
| 63 | 6395 | 6396 | SN | 1 | -34.485 | 16.402 | 0.0 | -34.968 | 17.212 | 0.0 | 1.015 | 22.285 | 0.03 | 2.435 | 22.803 | 0.343 | 0.084 | 193.738 | 2.609 | 0.084 | 216.513 | 2.098 | 0.083 | 0.129 | 0.0 | 0.083 | 0.116 | 0.0 |
| 64 | 6396 | 6397 | SN | 1 | -34.665 | 15.984 | 0.0 | -34.374 | 17.398 | 0.0 | 0.034 | 21.757 | 0.0 | 2.913 | 23.547 | 0.262 | 0.084 | 201.902 | 2.037 | 0.084 | 188.819 | 1.843 | 0.083 | 0.142 | 0.0 | 0.083 | 0.112 | 0.0 |
| 65 | 6396 | 6397 | NS | 1 | -34.94 | 16.494 | 0.0 | -34.993 | 16.798 | 0.0 | -17.693 | 21.852 | 0.0 | -19.518 | 23.117 | 0.071 | 0.084 | 215.112 | 2.47 | 0.084 | 217.77 | 2.581 | 0.083 | 4.118 | 0.023 | 0.083 | 6.236 | 0.019 |
| 66 | 6396 | 6397 | SN | 1 | -34.665 | 15.984 | 0.0 | -34.374 | 17.398 | 0.0 | 0.034 | 21.757 | 0.0 | 2.913 | 23.547 | 0.262 | 0.084 | 201.902 | 2.046 | 0.084 | 188.819 | 1.851 | 0.083 | 0.142 | 0.0 | 0.083 | 0.112 | 0.0 |
| 67 | 6396 | 6397 | SN | 2 | -34.665 | 15.984 | 0.0 | -34.374 | 17.398 | 0.0 | 0.034 | 21.757 | 0.0 | 2.913 | 23.547 | 0.262 | 0.084 | 201.902 | 2.037 | 0.084 | 188.819 | 1.843 | 0.083 | 0.142 | 0.0 | 0.083 | 0.112 | 0.0 |
| 68 | 6396 | 6397 | NS | 1 | -34.416 | 16.494 | 0.0 | -34.468 | 16.799 | 0.0 | -17.158 | 21.85 | 0.0 | -19.54 | 23.117 | 0.07 | 0.084 | 190.693 | 2.472 | 0.084 | 193.002 | 2.566 | 0.083 | 3.648 | 0.023 | 0.083 | 6.267 | 0.019 |
| 69 | 6397 | 6398 | NS | 1 | -34.049 | 16.45 | 0.0 | -34.736 | 16.487 | 0.0 | -23.827 | 22.254 | 0.036 | -28.874 | 23.564 | 0.391 | 0.084 | 175.265 | 1.071 | 0.084 | 205.261 | 1.028 | 0.083 | 16.707 | 0.08 | 0.083 | 53.267 | 0.164 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

 Normal

 Deviations

 Alarming

 High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 6397 | 6398 | SN | 2 | -34.639 | 16.516 | 0.0 | -34.554 | 17.238 | 0.0 | 0.437 | 23.19 | 0.195 | 7.1 | 23.952 | 0.391 | 0.084 | 200.733 | 2.581 | 0.084 | 196.843 | 2.086 | 0.083 | 0.136 | 0.0 | 0.083 | 0.093 | 0.0 |
| 71 | 6397 | 6398 | NS | 1 | -34.049 | 16.45 | 0.0 | -34.736 | 16.487 | 0.0 | -23.827 | 22.254 | 0.036 | -28.874 | 23.564 | 0.391 | 0.084 | 175.265 | 1.07 | 0.084 | 205.261 | 1.039 | 0.083 | 16.707 | 0.08 | 0.083 | 53.267 | 0.164 |
| 72 | 6397 | 6398 | SN | 1 | -34.719 | 16.514 | 0.0 | -34.914 | 17.238 | 0.0 | 0.432 | 23.19 | 0.195 | 7.098 | 23.952 | 0.391 | 0.084 | 204.474 | 2.592 | 0.084 | 213.871 | 2.09 | 0.083 | 0.137 | 0.0 | 0.083 | 0.093 | 0.0 |
| 73 | 6397 | 6398 | SN | 1 | -34.719 | 16.514 | 0.0 | -34.914 | 17.212 | 0.0 | 0.432 | 23.19 | 0.211 | 7.098 | 23.952 | 0.392 | 0.084 | 204.474 | 2.707 | 0.084 | 213.871 | 2.181 | 0.083 | 0.137 | 0.0 | 0.083 | 0.093 | 0.0 |
| 74 | 6398 | 6399 | NS | 1 | -34.207 | 17.308 | 0.0 | -33.203 | 17.245 | 0.0 | 1.564 | 22.071 | 0.006 | 2.061 | 23.374 | 0.484 | 0.084 | 181.734 | 0.915 | 0.084 | 144.222 | 0.834 | 0.083 | 0.124 | 0.0 | 0.083 | 0.119 | 0.0 |
| 75 | 6398 | 6399 | NS | 1 | -34.207 | 17.308 | 0.0 | -33.203 | 17.245 | 0.0 | 1.564 | 22.071 | 0.006 | 2.061 | 23.374 | 0.483 | 0.084 | 181.734 | 0.917 | 0.084 | 144.222 | 0.834 | 0.083 | 0.124 | 0.0 | 0.083 | 0.119 | 0.0 |
| 76 | 6398 | 6399 | SN | 2 | -34.789 | 15.859 | 0.0 | -34.603 | 17.579 | 0.0 | -12.824 | 23.696 | 0.355 | -8.273 | 25.365 | 1.235 | 0.084 | 207.765 | 6.09 | 0.084 | 199.074 | 4.747 | 0.083 | 1.386 | 0.001 | 0.083 | 0.53 | 0.0 |
| 77 | 6398 | 6399 | SN | 1 | -34.789 | 15.859 | 0.0 | -34.603 | 17.579 | 0.0 | -12.824 | 23.696 | 0.355 | -8.273 | 25.365 | 1.235 | 0.084 | 207.765 | 6.09 | 0.084 | 199.074 | 4.747 | 0.083 | 1.386 | 0.001 | 0.083 | 0.53 | 0.0 |
| 78 | 6398 | 6399 | SN | 1 | -34.789 | 14.759 | 0.0 | -34.603 | 16.154 | 0.0 | -12.824 | 23.696 | 0.382 | -8.273 | 25.365 | 1.234 | 0.084 | 207.765 | 6.561 | 0.084 | 199.074 | 5.525 | 0.083 | 1.386 | 0.002 | 0.083 | 0.53 | 0.0 |
| 79 | 6399 | 6400 | SN | 2 | -34.898 | 16.273 | 0.0 | -34.402 | 17.57 | 0.0 | -23.806 | 23.14 | 0.127 | -15.289 | 24.796 | 0.803 | 0.084 | 213.107 | 4.103 | 0.084 | 190.092 | 3.19 | 0.083 | 16.632 | 0.087 | 0.083 | 2.394 | 0.005 |
| 80 | 6399 | 6400 | NS | 1 | -34.991 | 17.071 | 0.0 | -34.665 | 17.839 | 0.0 | 0.639 | 22.497 | 0.005 | -2.388 | 24.392 | 1.358 | 0.084 | 217.661 | 4.0 | 0.083 | 201.928 | 3.688 | 0.083 | 0.134 | 0.0 | 0.083 | 0.19 | 0.0 |
| 81 | 6399 | 6400 | SN | 1 | -34.898 | 16.273 | 0.0 | -34.402 | 17.57 | 0.0 | -23.806 | 23.14 | 0.127 | -15.289 | 24.796 | 0.803 | 0.084 | 213.107 | 4.103 | 0.084 | 190.092 | 3.19 | 0.083 | 16.632 | 0.087 | 0.083 | 2.394 | 0.005 |
| 82 | 6399 | 6400 | NS | 1 | -34.991 | 17.071 | 0.0 | -34.665 | 17.839 | 0.0 | 0.639 | 22.497 | 0.005 | -2.388 | 24.392 | 1.358 | 0.084 | 217.661 | 4.009 | 0.083 | 201.928 | 3.684 | 0.083 | 0.134 | 0.0 | 0.083 | 0.19 | 0.0 |
| 83 | 6400 | 6401 | NS | 1 | -34.847 | 17.167 | 0.0 | -34.858 | 17.738 | 0.0 | -9.995 | 22.805 | 0.059 | -6.395 | 24.432 | 2.18 | 0.084 | 210.615 | 4.654 | 0.083 | 211.096 | 4.26 | 0.083 | 0.754 | 0.0 | 0.083 | 0.368 | 0.0 |
| 84 | 6400 | 6401 | NS | 2 | -34.847 | 17.167 | 0.0 | -34.858 | 17.738 | 0.0 | -9.995 | 22.805 | 0.059 | -6.395 | 24.432 | 2.18 | 0.084 | 210.615 | 4.654 | 0.083 | 211.096 | 4.26 | 0.083 | 0.754 | 0.0 | 0.083 | 0.368 | 0.0 |
| 85 | 6400 | 6401 | SN | 1 | -34.744 | 19.568 | 0.0 | -34.815 | 20.195 | 0.0 | -5.646 | 22.877 | 0.12 | -2.161 | 23.351 | 0.331 | 0.083 | 205.655 | 6.251 | 0.083 | 209.047 | 5.472 | 0.083 | 0.321 | 0.0 | 0.083 | 0.185 | 0.0 |
| 86 | 6401 | 6402 | NS | 1 | -34.932 | 17.972 | 0.0 | -34.204 | 18.232 | 0.0 | 0.017 | 22.435 | 0.003 | 1.176 | 24.163 | 1.776 | 0.083 | 214.787 | 1.485 | 0.083 | 181.622 | 1.535 | 0.083 | 0.142 | 0.0 | 0.083 | 0.128 | 0.0 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

Normal

Deviations

Alarming

High Errors