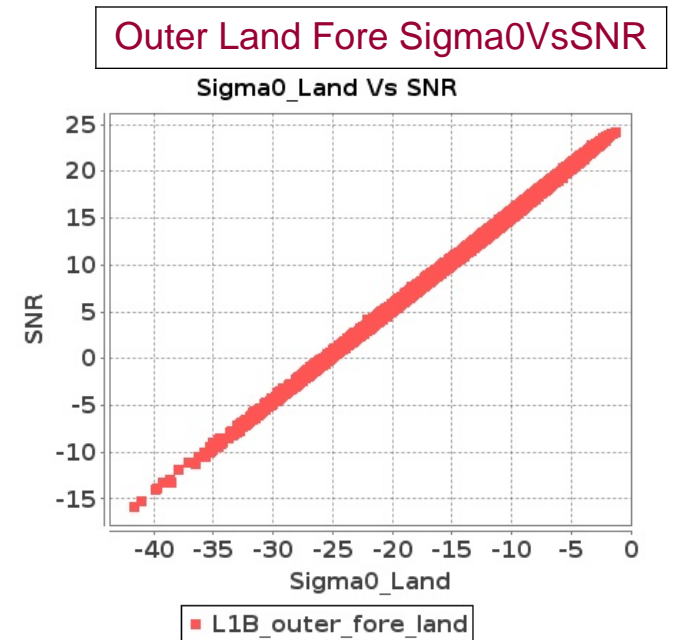
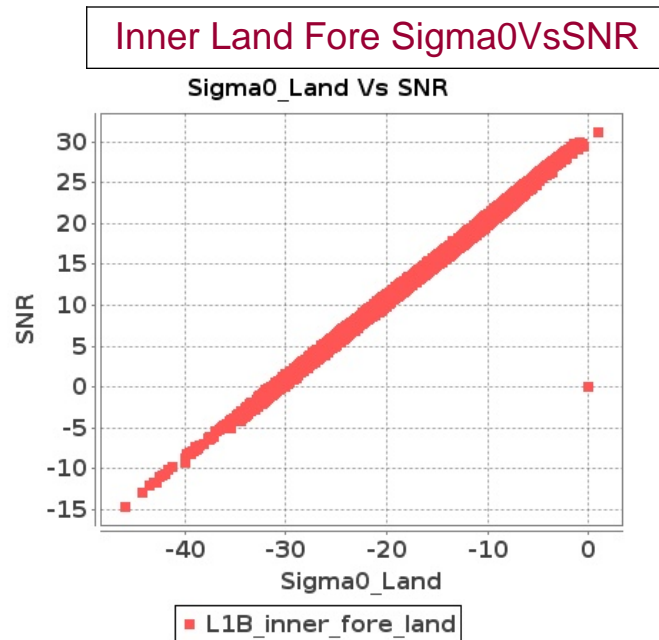
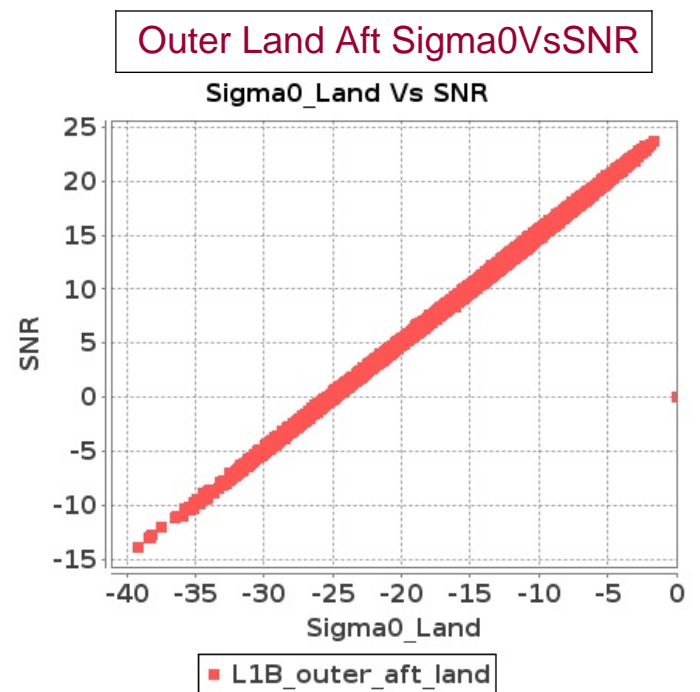
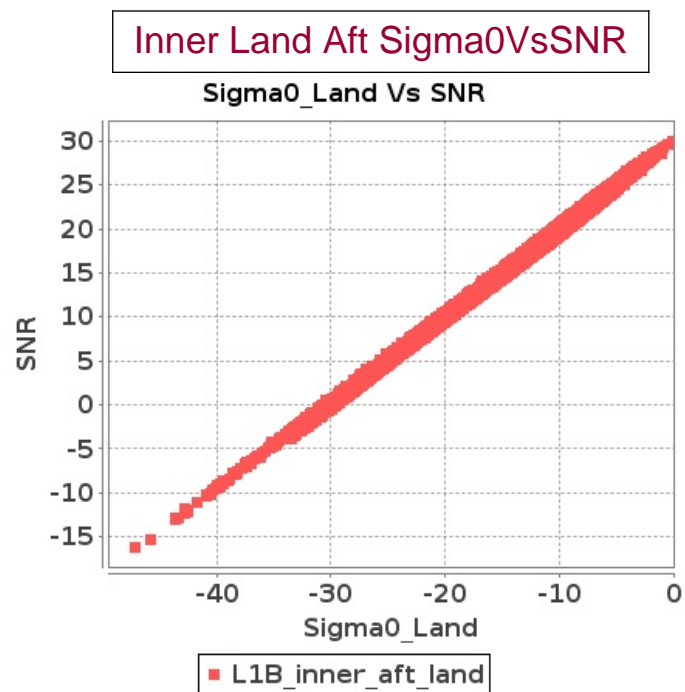
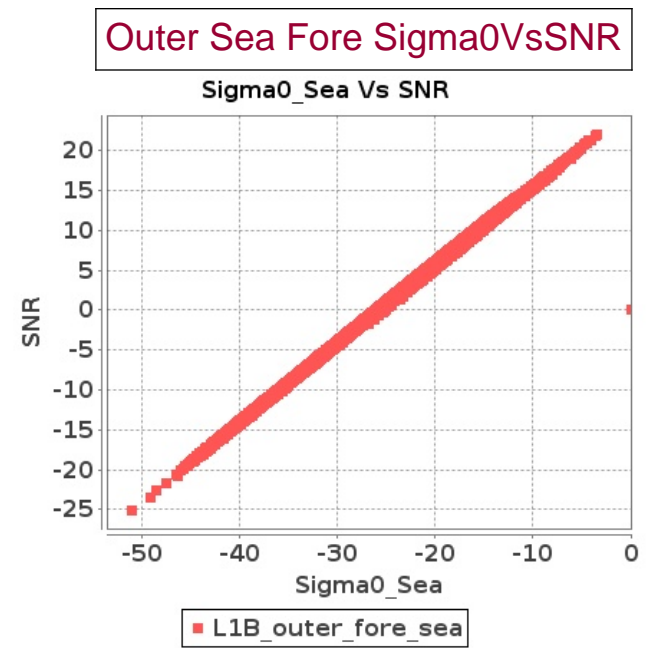
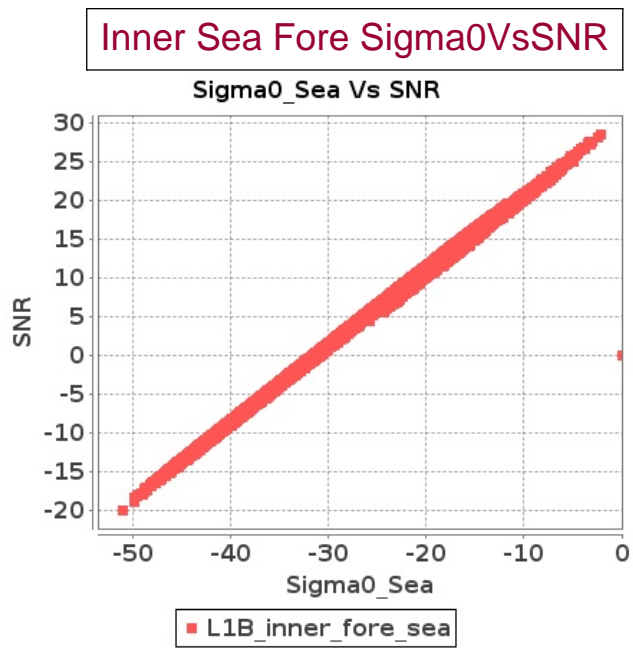
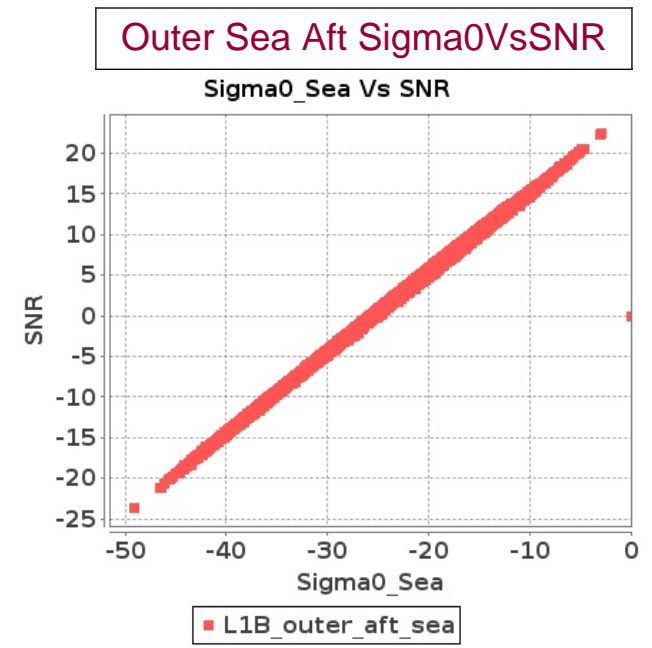
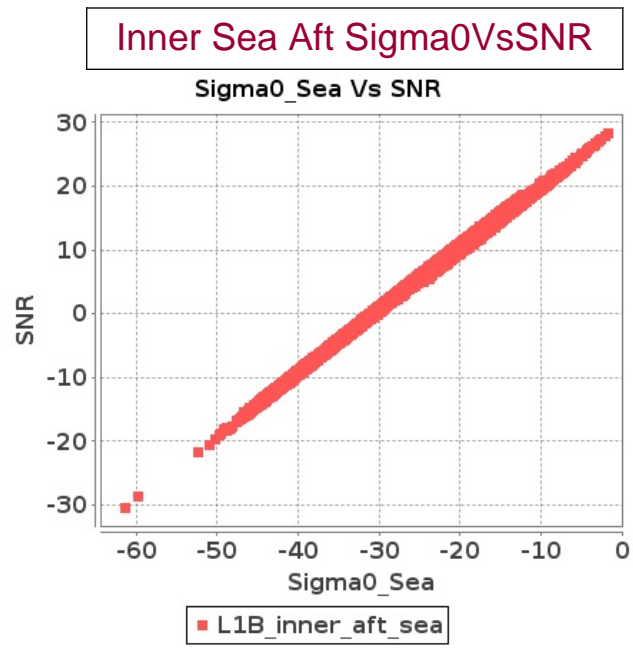
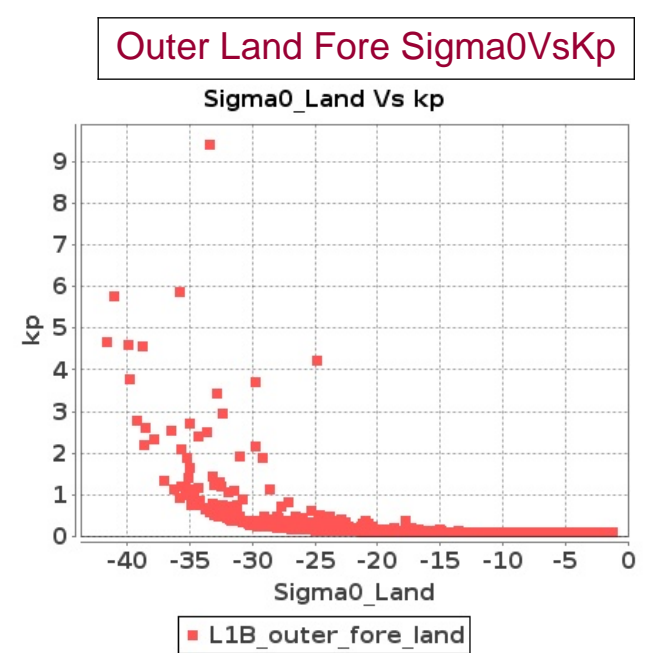
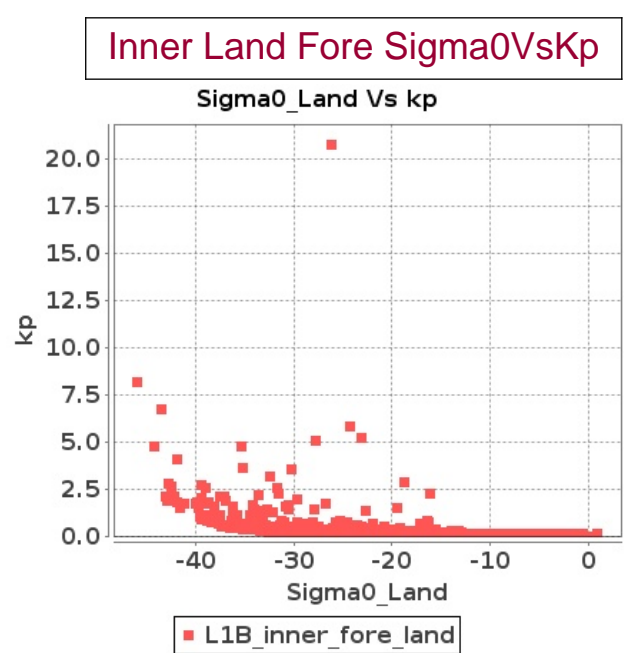
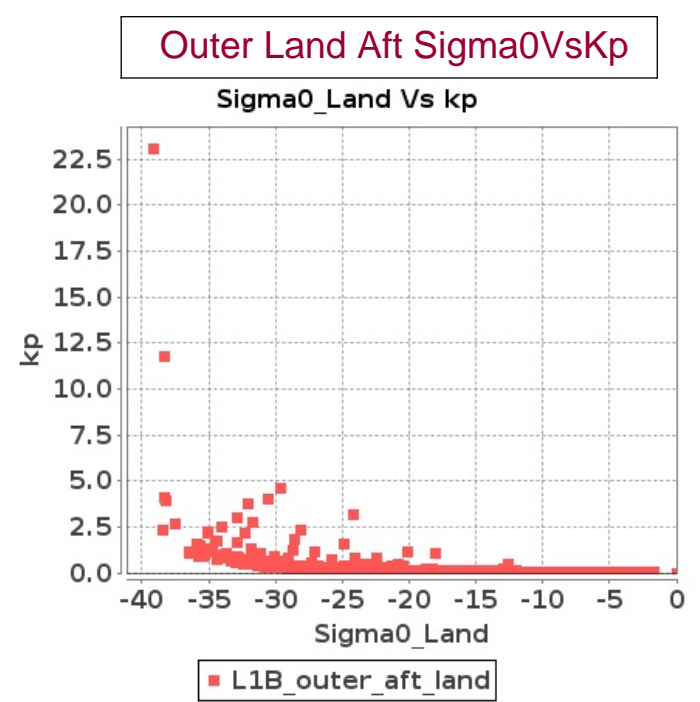
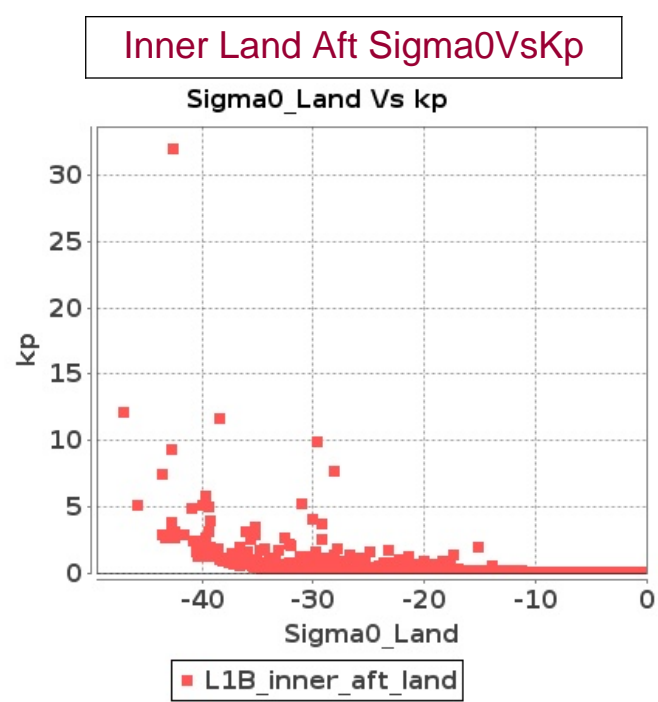
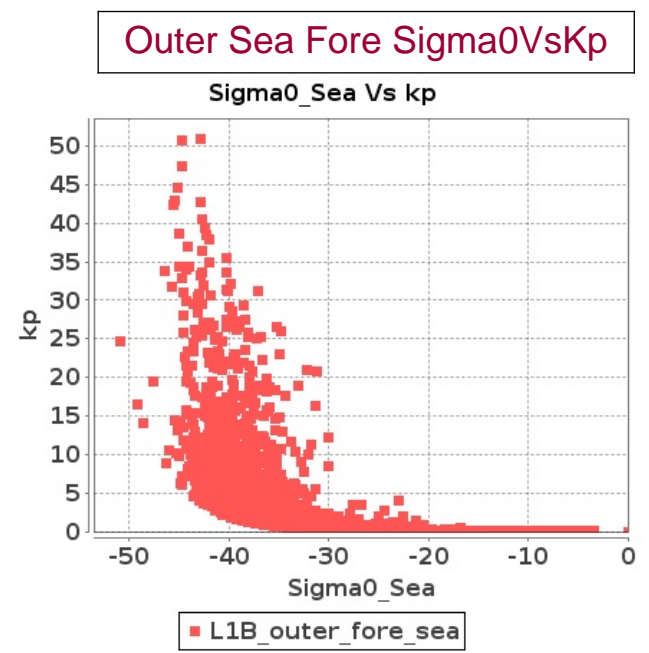
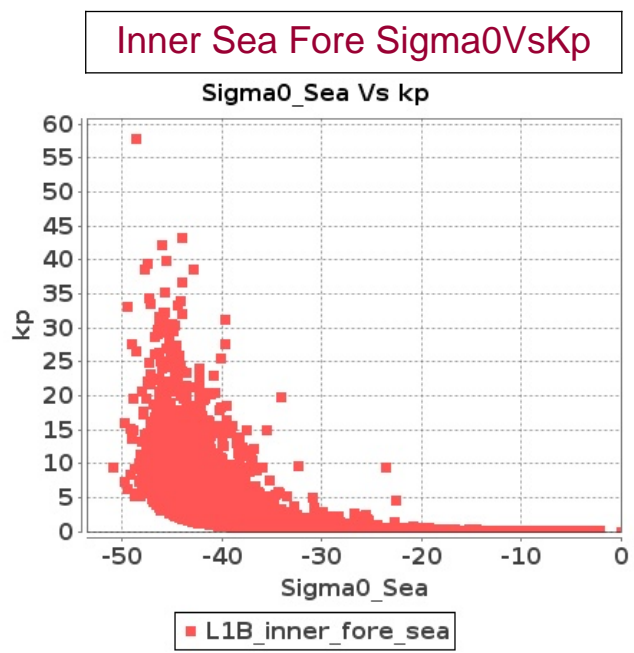
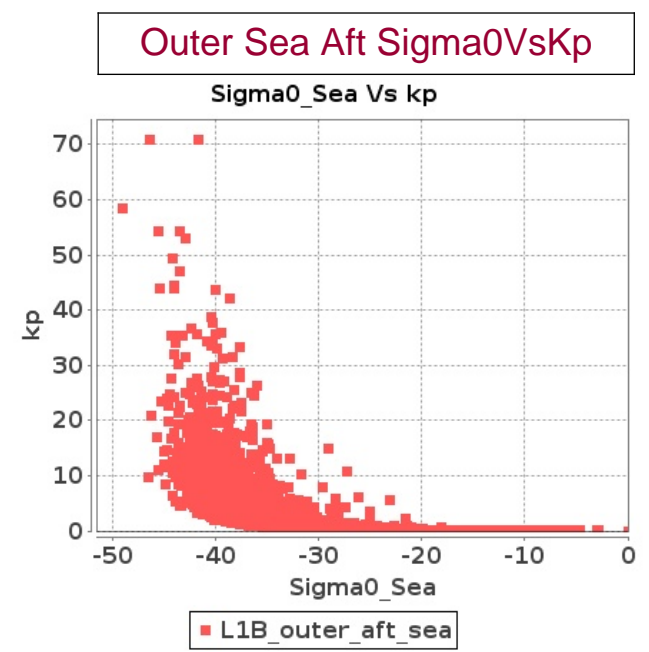
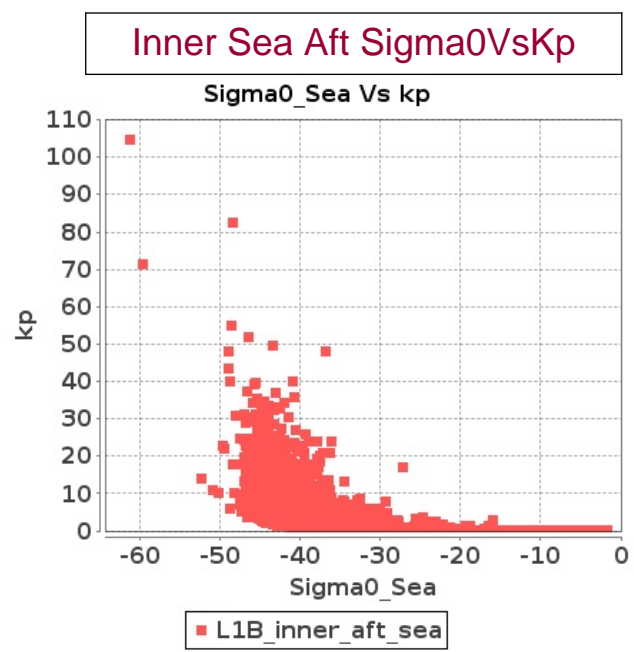


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 03-APR-2019 To 04-APR-2019





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

Report between 03-APR-2019 To 04-APR-2019

| | | | | | 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 | 13322 | 13323 | SN | 1 | 48.74 | 49.343 | 0.0 | 0.0 | 257.744 | 2.44 | 1033.24 | 1073.408 | 0.0 | -91.483 | -89.862 | 0.0 |
| 2 | 13322 | 13323 | SN | 1 | 48.74 | 49.343 | 0.0 | 0.0 | 257.744 | 3.054 | 1033.24 | 1074.592 | 0.0 | -91.483 | -89.862 | 0.0 |
| 3 | 13322 | 13323 | SN | 1 | 48.756 | 49.31 | 0.0 | 0.0 | 257.738 | 3.172 | 1033.232 | 1074.592 | 0.0 | -91.593 | -89.862 | 0.0 |
| 4 | 13323 | 13324 | SN | 1 | 48.445 | 49.299 | 0.0 | 0.003 | 282.715 | 2.602 | 1032.408 | 1075.064 | 0.0 | -92.042 | -89.873 | 0.0 |
| 5 | 13323 | 13324 | SN | 1 | 48.445 | 49.299 | 0.0 | 0.003 | 282.715 | 2.418 | 1032.408 | 1074.576 | 0.0 | -92.042 | -89.873 | 0.0 |
| 6 | 13323 | 13324 | NS | 1 | 48.797 | 49.41 | 0.0 | 0.003 | 210.734 | 2.596 | 1040.824 | 1075.76 | 0.0 | -91.515 | -89.956 | 0.0 |
| 7 | 13324 | 13325 | NS | 1 | 48.797 | 49.41 | 0.0 | 0.003 | 42.943 | 2.5 | 1041.192 | 1075.776 | 0.0 | -91.479 | -89.975 | 0.0 |
| 8 | 13324 | 13325 | SN | 1 | 48.739 | 49.313 | 0.0 | 0.0 | 61.922 | 2.655 | 1032.992 | 1075.0 | 0.0 | -91.596 | -89.875 | 0.0 |
| 9 | 13324 | 13325 | SN | 2 | 48.739 | 49.313 | 0.0 | 0.0 | 61.922 | 2.489 | 1032.992 | 1074.576 | 0.0 | -91.559 | -89.875 | 0.0 |
| 10 | 13324 | 13325 | NS | 1 | 48.797 | 49.41 | 0.0 | 0.003 | 42.943 | 2.498 | 1040.992 | 1075.776 | 0.0 | -91.491 | -89.975 | 0.0 |
| 11 | 13324 | 13325 | SN | 1 | 48.739 | 49.313 | 0.0 | 0.0 | 61.922 | 2.489 | 1032.992 | 1074.576 | 0.0 | -91.559 | -89.875 | 0.0 |
| 12 | 13325 | 13326 | NS | 1 | 48.778 | 49.557 | 0.0 | 0.0 | 206.52 | 2.895 | 1041.232 | 1075.72 | 0.0 | -93.853 | -89.975 | 0.0 |
| 13 | 13325 | 13326 | SN | 2 | 48.73 | 49.341 | 0.0 | 0.003 | 5.587 | 2.451 | 1032.616 | 1074.696 | 0.0 | -91.557 | -89.873 | 0.0 |
| 14 | 13325 | 13326 | SN | 1 | 48.73 | 49.341 | 0.0 | 0.003 | 5.587 | 2.327 | 1032.616 | 1074.4 | 0.0 | -91.557 | -89.873 | 0.0 |
| 15 | 13325 | 13326 | SN | 1 | 48.73 | 49.341 | 0.0 | 0.003 | 5.587 | 2.451 | 1032.616 | 1074.704 | 0.0 | -91.557 | -89.873 | 0.0 |
| 16 | 13325 | 13326 | NS | 1 | 48.778 | 49.557 | 0.0 | 0.0 | 206.52 | 2.898 | 1041.112 | 1075.72 | 0.0 | -93.853 | -89.975 | 0.0 |
| 17 | 13326 | 13327 | NS | 1 | 48.808 | 49.435 | 0.0 | 0.0 | 267.433 | 3.069 | 1042.144 | 1075.712 | 0.0 | -92.284 | -89.94 | 0.0 |
| 18 | 13326 | 13327 | NS | 2 | 48.808 | 49.435 | 0.0 | 0.0 | 267.433 | 3.069 | 1042.152 | 1075.72 | 0.0 | -92.284 | -89.94 | 0.0 |
| 19 | 13326 | 13327 | SN | 1 | 48.754 | 49.381 | 0.0 | 0.0 | 276.302 | 2.617 | 1031.968 | 1074.536 | 0.0 | -91.492 | -89.872 | 0.0 |
| 20 | 13326 | 13327 | SN | 1 | 48.754 | 49.381 | 0.0 | 0.0 | 276.302 | 2.615 | 1031.968 | 1074.536 | 0.0 | -91.492 | -89.872 | 0.0 |
| 21 | 13326 | 13327 | SN | 1 | 48.754 | 49.381 | 0.0 | 0.0 | 276.302 | 2.415 | 1031.968 | 1074.128 | 0.0 | -91.492 | -89.872 | 0.0 |
| 22 | 13327 | 13328 | SN | 1 | 48.7 | 49.292 | 0.0 | 0.0 | 88.086 | 2.641 | 1032.088 | 1074.888 | 0.0 | -92.159 | -89.867 | 0.0 |
| 23 | 13327 | 13328 | NS | 1 | 48.771 | 49.415 | 0.0 | 0.0 | 264.185 | 2.678 | 1040.984 | 1075.752 | 0.0 | -91.587 | -89.97 | 0.0 |
| 24 | 13327 | 13328 | NS | 2 | 48.771 | 49.415 | 0.0 | 0.0 | 264.185 | 2.677 | 1040.984 | 1075.752 | 0.0 | -91.587 | -89.97 | 0.0 |
| 25 | 13327 | 13328 | SN | 1 | 48.7 | 49.292 | 0.0 | 0.0 | 88.086 | 2.643 | 1032.088 | 1074.896 | 0.0 | -92.159 | -89.867 | 0.0 |
| 26 | 13327 | 13328 | SN | 1 | 48.7 | 49.292 | 0.0 | 0.0 | 88.086 | 2.583 | 1032.088 | 1074.776 | 0.0 | -92.159 | -89.867 | 0.0 |
| 27 | 13328 | 13329 | SN | 1 | 48.585 | 49.494 | 0.0 | 0.0 | 279.605 | 2.847 | 1028.928 | 1074.872 | 0.0 | -94.128 | -89.864 | 0.0 |
| 28 | 13328 | 13329 | SN | 1 | 48.585 | 49.494 | 0.0 | 0.0 | 279.605 | 2.062 | 1028.928 | 1072.92 | 0.0 | -94.128 | -89.864 | 0.0 |
| 29 | 13328 | 13329 | NS | 2 | 48.779 | 49.41 | 0.0 | 0.003 | 44.787 | 2.561 | 1041.208 | 1075.776 | 0.0 | -91.675 | -89.968 | 0.0 |
| 30 | 13328 | 13329 | NS | 1 | 48.779 | 49.41 | 0.0 | 0.003 | 44.782 | 2.561 | 1041.216 | 1075.784 | 0.0 | -91.493 | -89.968 | 0.0 |
| 31 | 13329 | 13330 | SN | 1 | 48.733 | 49.294 | 0.0 | 0.0 | 216.238 | 2.63 | 1032.704 | 1074.8 | 0.0 | -91.445 | -89.866 | 0.0 |
| 32 | 13329 | 13330 | NS | 1 | 48.776 | 49.41 | 0.0 | 0.003 | 12.684 | 2.535 | 1041.632 | 1075.768 | 0.0 | -91.692 | -89.962 | 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 | 13329 | 13330 | SN | 1 | 48.75 | 49.294 | 0.0 | 0.0 | 216.238 | 2.632 | 1032.8 | 1074.808 | 0.0 | -91.428 | -89.866 | 0.0 |
| 34 | 13329 | 13330 | SN | 1 | 48.75 | 49.294 | 0.0 | 0.0 | 216.238 | 1.657 | 1032.8 | 1071.808 | 0.0 | -91.428 | -89.866 | 0.0 |
| 35 | 13330 | 13331 | SN | 1 | 48.718 | 49.323 | 0.0 | 0.003 | 28.554 | 2.527 | 1032.72 | 1075.32 | 0.0 | -91.442 | -89.862 | 0.0 |
| 36 | 13330 | 13331 | SN | 1 | 48.718 | 49.323 | 0.0 | 0.003 | 28.554 | 2.527 | 1032.72 | 1075.32 | 0.0 | -91.442 | -89.862 | 0.0 |
| 37 | 13330 | 13331 | NS | 1 | 48.827 | 49.409 | 0.0 | 0.0 | 270.235 | 2.838 | 1041.632 | 1075.776 | 0.0 | -91.484 | -89.91 | 0.0 |
| 38 | 13330 | 13331 | NS | 1 | 48.827 | 49.409 | 0.0 | 0.0 | 259.812 | 2.841 | 1041.632 | 1075.784 | 0.0 | -91.519 | -89.91 | 0.0 |
| 39 | 13331 | 13332 | SN | 1 | 48.718 | 49.355 | 0.0 | 0.003 | 24.768 | 2.555 | 1033.024 | 1075.384 | 0.0 | -94.377 | -89.883 | 0.0 |
| 40 | 13331 | 13332 | NS | 1 | 48.823 | 49.409 | 0.0 | 0.003 | 210.734 | 2.641 | 1041.168 | 1075.96 | 0.0 | -91.876 | -89.969 | 0.0 |
| 41 | 13331 | 13332 | NS | 1 | 48.804 | 49.409 | 0.0 | 0.003 | 210.734 | 2.644 | 1041.36 | 1075.968 | 0.0 | -91.591 | -89.969 | 0.0 |
| 42 | 13332 | 13333 | SN | 1 | 48.698 | 49.453 | 0.0 | 0.0 | 102.083 | 2.91 | 1032.8 | 1075.28 | 0.0 | -94.054 | -89.882 | 0.0 |
| 43 | 13332 | 13333 | NS | 1 | 48.784 | 49.409 | 0.0 | 0.003 | 266.369 | 2.686 | 1041.288 | 1076.04 | 0.0 | -91.56 | -89.97 | 0.0 |
| 44 | 13332 | 13333 | NS | 1 | 48.782 | 49.409 | 0.0 | 0.003 | 266.369 | 2.683 | 1041.288 | 1076.04 | 0.0 | -91.551 | -89.97 | 0.0 |
| 45 | 13332 | 13333 | SN | 2 | 48.698 | 49.453 | 0.0 | 0.0 | 102.088 | 2.912 | 1032.8 | 1075.28 | 0.0 | -94.054 | -89.882 | 0.0 |
| 46 | 13333 | 13334 | NS | 2 | 48.771 | 49.462 | 0.0 | 0.0 | 207.11 | 2.626 | 1041.136 | 1075.88 | 0.0 | -94.059 | -89.962 | 0.0 |
| 47 | 13333 | 13334 | NS | 1 | 48.771 | 49.462 | 0.0 | 0.0 | 207.11 | 2.529 | 1041.136 | 1075.88 | 0.0 | -94.059 | -89.962 | 0.0 |
| 48 | 13333 | 13334 | NS | 1 | 48.771 | 49.462 | 0.0 | 0.0 | 207.11 | 2.626 | 1041.136 | 1075.88 | 0.0 | -94.059 | -89.962 | 0.0 |
| 49 | 13333 | 13334 | SN | 1 | 48.726 | 49.336 | 0.0 | 0.0 | 215.162 | 2.632 | 1033.896 | 1075.128 | 0.0 | -91.833 | -89.866 | 0.0 |
| 50 | 13333 | 13334 | SN | 1 | 48.726 | 49.336 | 0.0 | 0.0 | 215.162 | 2.628 | 1033.904 | 1075.128 | 0.0 | -91.833 | -89.866 | 0.0 |
| 51 | 13334 | 13335 | NS | 1 | 48.77 | 49.461 | 0.0 | 0.003 | 266.441 | 2.086 | 1040.488 | 1075.712 | 0.0 | -91.678 | -89.96 | 0.0 |
| 52 | 13334 | 13335 | SN | 1 | 48.759 | 49.32 | 0.0 | 0.0 | 248.936 | 2.764 | 1033.608 | 1075.016 | 0.0 | -91.644 | -89.883 | 0.0 |
| 53 | 13334 | 13335 | NS | 2 | 48.771 | 49.461 | 0.0 | 0.003 | 266.441 | 2.708 | 1040.488 | 1075.704 | 0.0 | -91.678 | -89.96 | 0.0 |
| 54 | 13334 | 13335 | NS | 1 | 48.77 | 49.461 | 0.0 | 0.003 | 266.441 | 2.707 | 1040.488 | 1075.712 | 0.0 | -91.678 | -89.96 | 0.0 |
| 55 | 13335 | 13336 | SN | 1 | 48.734 | 49.449 | 0.0 | 0.0 | 184.681 | 3.136 | 1033.216 | 1074.96 | 0.0 | -93.857 | -89.882 | 0.0 |
| 56 | 13335 | 13336 | SN | 2 | 48.734 | 49.449 | 0.0 | 0.0 | 184.681 | 3.136 | 1033.216 | 1074.96 | 0.0 | -93.857 | -89.882 | 0.0 |
| 57 | 13335 | 13336 | NS | 1 | 48.786 | 49.406 | 0.0 | 0.003 | 22.683 | 2.595 | 1040.552 | 1075.6 | 0.0 | -91.536 | -89.961 | 0.0 |
| 58 | 13335 | 13336 | NS | 1 | 48.786 | 49.406 | 0.0 | 0.003 | 22.683 | 2.595 | 1040.552 | 1075.6 | 0.0 | -91.536 | -89.961 | 0.0 |
| 59 | 13335 | 13336 | NS | 1 | 48.786 | 49.406 | 0.0 | 0.003 | 22.683 | 1.522 | 1040.552 | 1075.6 | 0.0 | -91.517 | -89.961 | 0.0 |
| 60 | 13336 | 13337 | NS | 1 | 48.827 | 49.405 | 0.0 | 0.0 | 210.326 | 1.629 | 1040.4 | 1075.528 | 0.0 | -91.504 | -89.933 | 0.0 |
| 61 | 13336 | 13337 | SN | 2 | 48.445 | 49.345 | 0.0 | 0.0 | 238.094 | 3.076 | 1034.264 | 1075.072 | 0.0 | -91.955 | -89.879 | 0.0 |
| 62 | 13336 | 13337 | SN | 1 | 48.445 | 49.345 | 0.0 | 0.0 | 238.094 | 3.075 | 1034.264 | 1075.08 | 0.0 | -91.955 | -89.879 | 0.0 |
| 63 | 13336 | 13337 | NS | 1 | 48.811 | 49.406 | 0.0 | 0.0 | 210.872 | 2.377 | 1040.136 | 1075.528 | 0.0 | -91.432 | -89.933 | 0.0 |
| 64 | 13336 | 13337 | NS | 1 | 48.827 | 49.405 | 0.0 | 0.0 | 210.326 | 2.377 | 1040.4 | 1075.528 | 0.0 | -91.504 | -89.933 | 0.0 |
| 65 | 13336 | 13337 | SN | 1 | 48.445 | 49.345 | 0.0 | 0.0 | 238.094 | 2.073 | 1034.264 | 1072.848 | 0.0 | -91.955 | -89.879 | 0.0 |
| 66 | 13337 | 13338 | SN | 1 | 48.71 | 49.34 | 0.0 | 0.003 | 113.096 | 2.692 | 1033.768 | 1075.264 | 0.0 | -91.478 | -89.829 | 0.0 |
| 67 | 13337 | 13338 | SN | 1 | 48.71 | 49.34 | 0.0 | 0.003 | 113.096 | 2.694 | 1033.768 | 1075.264 | 0.0 | -91.478 | -89.829 | 0.0 |
| 68 | 13337 | 13338 | NS | 1 | 48.778 | 49.407 | 0.0 | 0.0 | 227.51 | 2.907 | 1039.72 | 1075.784 | 0.0 | -91.494 | -89.953 | 0.0 |
| 69 | 13337 | 13338 | SN | 1 | 48.71 | 49.34 | 0.0 | 0.003 | 113.096 | 2.364 | 1033.768 | 1074.624 | 0.0 | -91.478 | -89.829 | 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 | 13338 | 13339 | NS | 1 | 48.828 | 49.408 | 0.0 | 0.0 | 145.204 | 2.671 | 1039.92 | 1075.84 | 0.0 | -91.456 | -89.964 | 0.0 |
| 71 | 13338 | 13339 | SN | 1 | 48.625 | 49.609 | 0.0 | 0.003 | 37.987 | 2.453 | 1034.056 | 1074.88 | 0.0 | -94.453 | -89.884 | 0.0 |
| 72 | 13338 | 13339 | SN | 1 | 48.625 | 49.609 | 0.0 | 0.003 | 37.987 | 2.451 | 1034.056 | 1074.88 | 0.0 | -94.453 | -89.884 | 0.0 |
| 73 | 13338 | 13339 | NS | 2 | 48.828 | 49.408 | 0.0 | 0.0 | 145.204 | 2.671 | 1039.912 | 1075.84 | 0.0 | -91.456 | -89.964 | 0.0 |
| 74 | 13338 | 13339 | SN | 1 | 48.625 | 49.609 | 0.0 | 0.003 | 37.987 | 2.532 | 1034.056 | 1075.096 | 0.0 | -94.453 | -89.884 | 0.0 |
| 75 | 13339 | 13340 | SN | 1 | 48.724 | 49.344 | 0.0 | 0.0 | 235.364 | 2.355 | 1033.632 | 1074.768 | 0.0 | -91.684 | -89.884 | 0.0 |
| 76 | 13339 | 13340 | SN | 1 | 48.724 | 49.344 | 0.0 | 0.0 | 235.364 | 2.355 | 1033.632 | 1074.768 | 0.0 | -91.684 | -89.884 | 0.0 |
| 77 | 13339 | 13340 | SN | 1 | 48.719 | 49.344 | 0.0 | 0.0 | 235.364 | 2.353 | 1033.752 | 1074.768 | 0.0 | -91.611 | -89.884 | 0.0 |
| 78 | 13339 | 13340 | NS | 1 | 48.604 | 49.458 | 0.0 | 0.0 | 237.013 | 3.059 | 1037.008 | 1075.824 | 0.0 | -93.83 | -89.96 | 0.0 |
| 79 | 13340 | 13341 | SN | 1 | 48.723 | 49.342 | 0.0 | 0.003 | 6.304 | 2.569 | 1033.872 | 1075.088 | 0.0 | -91.67 | -89.883 | 0.0 |
| 80 | 13340 | 13341 | NS | 2 | 48.771 | 49.408 | 0.0 | 0.003 | 266.435 | 2.683 | 1040.144 | 1075.752 | 0.0 | -91.553 | -89.963 | 0.0 |
| 81 | 13340 | 13341 | SN | 1 | 48.723 | 49.342 | 0.0 | 0.003 | 5.984 | 2.263 | 1033.872 | 1074.56 | 0.0 | -91.549 | -89.883 | 0.0 |
| 82 | 13340 | 13341 | NS | 1 | 48.771 | 49.408 | 0.0 | 0.003 | 266.435 | 2.683 | 1040.144 | 1075.752 | 0.0 | -91.553 | -89.963 | 0.0 |
| 83 | 13341 | 13342 | NS | 1 | 48.776 | 49.407 | 0.0 | 0.003 | 97.141 | 2.665 | 1041.0 | 1075.736 | 0.0 | -91.542 | -89.943 | 0.0 |
| 84 | 13341 | 13342 | SN | 1 | 48.706 | 49.338 | 0.0 | 0.0 | 190.334 | 2.814 | 1033.76 | 1075.064 | 0.0 | -91.514 | -89.884 | 0.0 |
| 85 | 13341 | 13342 | NS | 1 | 48.776 | 49.407 | 0.0 | 0.003 | 97.147 | 2.668 | 1041.008 | 1075.728 | 0.0 | -91.604 | -89.943 | 0.0 |
| 86 | 13341 | 13342 | SN | 1 | 48.706 | 49.338 | 0.0 | 0.0 | 190.334 | 2.434 | 1033.76 | 1074.288 | 0.0 | -91.514 | -89.884 | 0.0 |
| 87 | 13342 | 13343 | SN | 1 | 48.749 | 49.35 | 0.0 | 0.003 | 216.171 | 1.769 | 1033.136 | 1073.752 | 0.0 | -93.775 | -89.884 | 0.0 |
| 88 | 13342 | 13343 | NS | 1 | 48.828 | 49.407 | 0.0 | 0.0 | 212.206 | 2.848 | 1040.664 | 1076.008 | 0.0 | -91.668 | -89.961 | 0.0 |
| 89 | 13342 | 13343 | SN | 1 | 48.749 | 49.35 | 0.0 | 0.003 | 216.171 | 2.425 | 1033.136 | 1075.088 | 0.0 | -93.775 | -89.884 | 0.0 |
| 90 | 13342 | 13343 | NS | 1 | 48.828 | 49.407 | 0.0 | 0.0 | 212.206 | 2.851 | 1040.208 | 1076.008 | 0.0 | -91.668 | -89.961 | 0.0 |
| 91 | 13343 | 13344 | SN | 1 | 48.761 | 49.32 | 0.0 | 0.003 | 5.146 | 2.298 | 1034.464 | 1074.864 | 0.0 | -91.384 | -89.852 | 0.0 |
| 92 | 13343 | 13344 | NS | 1 | 48.82 | 49.432 | 0.0 | 0.0 | 267.483 | 3.176 | 1040.008 | 1075.768 | 0.0 | -92.016 | -89.959 | 0.0 |
| 93 | 13343 | 13344 | NS | 2 | 48.824 | 49.431 | 0.0 | 0.0 | 267.483 | 3.173 | 1040.016 | 1075.776 | 0.0 | -92.016 | -89.959 | 0.0 |
| 94 | 13343 | 13344 | SN | 1 | 48.761 | 49.32 | 0.0 | 0.003 | 5.146 | 2.295 | 1034.464 | 1074.872 | 0.0 | -91.384 | -89.852 | 0.0 |
| 95 | 13343 | 13344 | SN | 1 | 48.761 | 49.32 | 0.0 | 0.003 | 4.875 | 1.418 | 1034.464 | 1072.848 | 0.0 | -91.384 | -89.852 | 0.0 |
| 96 | 13344 | 13345 | SN | 1 | 48.762 | 49.298 | 0.0 | 0.003 | 282.384 | 1.586 | 1033.648 | 1071.752 | 0.0 | -91.468 | -89.869 | 0.0 |
| 97 | 13344 | 13345 | SN | 2 | 48.762 | 49.298 | 0.0 | 0.003 | 282.384 | 2.671 | 1033.648 | 1075.384 | 0.0 | -91.468 | -89.869 | 0.0 |
| 98 | 13344 | 13345 | NS | 1 | 48.783 | 49.405 | 0.0 | 0.0 | 266.435 | 2.803 | 1040.536 | 1075.744 | 0.0 | -91.612 | -89.953 | 0.0 |
| 99 | 13344 | 13345 | NS | 2 | 48.783 | 49.404 | 0.0 | 0.0 | 95.509 | 2.801 | 1040.528 | 1075.752 | 0.0 | -91.612 | -89.953 | 0.0 |
| 100 | 13344 | 13345 | SN | 1 | 48.762 | 49.298 | 0.0 | 0.003 | 282.384 | 2.671 | 1033.648 | 1075.384 | 0.0 | -91.468 | -89.869 | 0.0 |
| 101 | 13345 | 13346 | NS | 1 | 48.765 | 49.406 | 0.0 | 0.003 | 41.812 | 2.75 | 1039.808 | 1075.88 | 0.0 | -91.518 | -89.939 | 0.0 |
| 102 | 13345 | 13346 | SN | 1 | 48.736 | 49.299 | 0.0 | 0.003 | 215.239 | 2.543 | 1033.8 | 1075.56 | 0.0 | -91.682 | -89.892 | 0.0 |
| 103 | 13346 | 13347 | SN | 1 | 48.706 | 49.301 | 0.0 | 0.0 | 138.68 | 2.681 | 1033.696 | 1075.504 | 0.0 | -91.896 | -89.891 | 0.0 |
| 104 | 13346 | 13347 | NS | 1 | 48.795 | 49.406 | 0.0 | 0.0 | 209.09 | 2.82 | 1040.448 | 1076.032 | 0.0 | -91.455 | -89.958 | 0.0 |
| 105 | 13346 | 13347 | NS | 1 | 48.795 | 49.406 | 0.0 | 0.0 | 209.09 | 2.817 | 1040.448 | 1076.032 | 0.0 | -91.455 | -89.958 | 0.0 |
| 106 | 13347 | 13348 | NS | 1 | 48.769 | 49.587 | 0.0 | 0.0 | 268.476 | 2.505 | 1040.32 | 1075.976 | 0.0 | -94.331 | -89.957 | 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

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 13347 | 13348 | NS | 1 | 48.769 | 49.587 | 0.0 | 0.0 | 268.476 | 2.498 | 1040.32 | 1075.976 | 0.0 | -94.331 | -89.957 | 0.0 |
| 108 | 13347 | 13348 | SN | 1 | 48.708 | 49.347 | 0.0 | 0.0 | 120.922 | 2.86 | 1034.352 | 1075.336 | 0.0 | -91.732 | -89.853 | 0.0 |
| 109 | 13347 | 13348 | NS | 1 | 48.769 | 49.587 | 0.0 | 0.0 | 268.476 | 2.51 | 1040.32 | 1075.976 | 0.0 | -94.331 | -89.957 | 0.0 |
| 110 | 13348 | 13349 | NS | 1 | 48.767 | 49.404 | 0.0 | 0.0 | 233.058 | 2.699 | 1039.64 | 1075.784 | 0.0 | -91.533 | -89.956 | 0.0 |
| 111 | 13348 | 13349 | SN | 1 | 48.763 | 49.308 | 0.0 | 0.003 | 6.304 | 2.585 | 1034.688 | 1075.16 | 0.0 | -91.675 | -89.875 | 0.0 |
| 112 | 13348 | 13349 | NS | 1 | 48.767 | 49.404 | 0.0 | 0.0 | 268.619 | 2.459 | 1039.64 | 1075.784 | 0.0 | -91.533 | -89.956 | 0.0 |
| 113 | 13349 | 13350 | SN | 1 | 48.939 | 49.351 | 0.0 | 0.014 | 6.287 | 8.664 | 1059.536 | 1075.096 | 0.0 | -91.606 | -90.17 | 0.0 |
| 114 | 13349 | 13350 | SN | 2 | 48.939 | 49.351 | 0.0 | 0.014 | 6.287 | 8.664 | 1059.536 | 1075.096 | 0.0 | -91.606 | -90.17 | 0.0 |
| 115 | 13349 | 13350 | NS | 2 | 48.823 | 49.42 | 0.0 | 0.0 | 156.78 | 2.076 | 1039.92 | 1075.592 | 0.0 | -92.224 | -89.953 | 0.0 |
| 116 | 13349 | 13350 | NS | 1 | 48.823 | 49.42 | 0.0 | 0.0 | 156.78 | 2.076 | 1039.92 | 1075.592 | 0.0 | -92.224 | -89.953 | 0.0 |
| 117 | 13350 | 13351 | SN | 1 | 48.704 | 49.329 | 0.0 | 0.0 | 230.538 | 1.606 | 1034.48 | 1072.4 | 0.0 | -91.583 | -89.875 | 0.0 |
| 118 | 13350 | 13351 | NS | 1 | 48.788 | 49.403 | 0.0 | 0.0 | 210.221 | 1.963 | 1039.08 | 1075.512 | 0.0 | -91.492 | -89.942 | 0.0 |
| 119 | 13350 | 13351 | SN | 2 | 48.704 | 49.329 | 0.0 | 0.0 | 230.538 | 2.62 | 1034.48 | 1074.904 | 0.0 | -91.583 | -89.875 | 0.0 |
| 120 | 13350 | 13351 | NS | 1 | 48.788 | 49.403 | 0.0 | 0.0 | 228.393 | 3.113 | 1039.08 | 1075.512 | 0.0 | -91.492 | -89.942 | 0.0 |
| 121 | 13350 | 13351 | SN | 1 | 48.704 | 49.329 | 0.0 | 0.0 | 230.538 | 2.62 | 1034.48 | 1074.904 | 0.0 | -91.583 | -89.875 | 0.0 |
| 122 | 13350 | 13351 | NS | 1 | 48.788 | 49.403 | 0.0 | 0.0 | 228.393 | 3.113 | 1039.08 | 1075.512 | 0.0 | -91.492 | -89.942 | 0.0 |
| 123 | 13351 | 13352 | NS | 1 | 48.783 | 49.405 | 0.0 | 0.0 | 266.446 | 3.214 | 1039.64 | 1075.624 | 0.0 | -91.51 | -89.946 | 0.0 |
| 124 | 13351 | 13352 | NS | 2 | 48.784 | 49.404 | 0.0 | 0.0 | 266.231 | 3.217 | 1039.64 | 1075.616 | 0.0 | -91.51 | -89.947 | 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 | 13322 | 13323 | SN | 1 | -34.696 | 26.408 | 1.051 | -33.157 | 27.053 | 3.159 | -24.538 | 29.418 | 15.301 | -17.037 | 30.609 | 24.007 | 0.116 | 285.768 | 0.864 | 0.116 | 200.529 | 0.63 | 0.116 | 27.635 | 0.021 | 0.116 | 4.988 | 0.032 |
| 2 | 13322 | 13323 | SN | 1 | -34.696 | 26.408 | 1.469 | -33.157 | 27.053 | 3.808 | -24.538 | 29.418 | 15.461 | -17.037 | 30.609 | 24.012 | 0.116 | 285.768 | 0.847 | 0.116 | 200.529 | 0.582 | 0.116 | 27.635 | 0.02 | 0.116 | 4.988 | 0.032 |
| 3 | 13322 | 13323 | SN | 1 | -32.445 | 26.408 | 1.469 | -34.42 | 27.051 | 3.818 | -24.28 | 29.418 | 15.493 | -17.021 | 30.609 | 23.988 | 0.116 | 170.219 | 0.852 | 0.116 | 268.213 | 0.582 | 0.116 | 26.052 | 0.022 | 0.116 | 4.97 | 0.032 |
| 4 | 13323 | 13324 | SN | 1 | -34.872 | 27.758 | 2.39 | -34.844 | 28.864 | 3.091 | 3.845 | 31.768 | 16.919 | 4.364 | 30.82 | 16.164 | 0.116 | 297.649 | 5.464 | 0.116 | 295.742 | 4.596 | 0.116 | 0.149 | 0.0 | 0.116 | 0.145 | 0.0 |
| 5 | 13323 | 13324 | SN | 1 | -34.872 | 27.758 | 2.315 | -34.844 | 28.864 | 3.154 | 3.845 | 31.768 | 16.921 | 4.364 | 30.82 | 16.164 | 0.116 | 297.649 | 5.627 | 0.116 | 295.742 | 4.723 | 0.116 | 0.149 | 0.0 | 0.116 | 0.145 | 0.0 |
| 6 | 13323 | 13324 | NS | 1 | -33.885 | 27.876 | 0.331 | -34.017 | 28.765 | 0.135 | 3.1 | 31.471 | 14.267 | 1.552 | 36.383 | 28.712 | 0.116 | 237.116 | 2.687 | 0.116 | 244.437 | 2.495 | 0.116 | 0.155 | 0.0 | 0.116 | 0.173 | 0.0 |
| 7 | 13324 | 13325 | NS | 1 | -34.898 | 26.832 | 0.054 | -34.917 | 27.026 | 0.047 | -1.8 | 29.857 | 11.386 | -7.582 | 30.666 | 20.084 | 0.116 | 299.428 | 6.858 | 0.116 | 300.724 | 7.279 | 0.116 | 0.247 | 0.0 | 0.116 | 0.648 | 0.0 |
| 8 | 13324 | 13325 | SN | 1 | -34.368 | 26.148 | 0.219 | -34.385 | 28.132 | 0.283 | 6.451 | 29.68 | 18.968 | 6.549 | 29.593 | 16.316 | 0.116 | 265.021 | 2.213 | 0.116 | 266.071 | 1.523 | 0.116 | 0.133 | 0.0 | 0.116 | 0.133 | 0.0 |
| 9 | 13324 | 13325 | SN | 2 | -34.368 | 26.148 | 0.223 | -34.385 | 28.132 | 0.288 | 6.451 | 29.68 | 18.971 | 6.549 | 29.593 | 16.319 | 0.116 | 265.021 | 2.258 | 0.116 | 266.071 | 1.549 | 0.116 | 0.133 | 0.0 | 0.116 | 0.133 | 0.0 |
| 10 | 13324 | 13325 | NS | 1 | -34.832 | 26.832 | 0.053 | -34.773 | 27.026 | 0.047 | -1.8 | 29.857 | 11.386 | -7.582 | 30.666 | 20.084 | 0.116 | 294.929 | 6.846 | 0.116 | 290.932 | 7.269 | 0.116 | 0.247 | 0.0 | 0.116 | 0.648 | 0.0 |
| 11 | 13324 | 13325 | SN | 1 | -34.368 | 26.148 | 0.223 | -34.385 | 28.132 | 0.288 | 6.451 | 29.68 | 18.971 | 6.549 | 29.593 | 16.319 | 0.116 | 265.021 | 2.258 | 0.116 | 266.071 | 1.549 | 0.116 | 0.133 | 0.0 | 0.116 | 0.133 | 0.0 |
| 12 | 13325 | 13326 | NS | 1 | -34.998 | 25.923 | 0.074 | -34.176 | 27.645 | 0.16 | -19.897 | 30.043 | 9.89 | -6.182 | 30.08 | 18.231 | 0.116 | 306.368 | 7.347 | 0.116 | 253.586 | 8.49 | 0.116 | 9.552 | 0.006 | 0.116 | 0.497 | 0.0 |
| 13 | 13325 | 13326 | SN | 2 | -34.738 | 25.469 | 0.304 | -34.256 | 26.579 | 0.366 | 5.676 | 27.563 | 16.319 | -1.975 | 28.979 | 10.68 | 0.116 | 288.57 | 1.892 | 0.116 | 258.25 | 1.8 | 0.116 | 0.137 | 0.0 | 0.116 | 0.253 | 0.0 |
| 14 | 13325 | 13326 | SN | 1 | -34.738 | 25.469 | 0.308 | -34.256 | 26.579 | 0.37 | 5.678 | 27.563 | 16.326 | -1.989 | 28.979 | 10.686 | 0.116 | 288.57 | 1.911 | 0.116 | 258.25 | 1.82 | 0.116 | 0.137 | 0.0 | 0.116 | 0.253 | 0.0 |
| 15 | 13325 | 13326 | SN | 1 | -34.738 | 25.469 | 0.304 | -34.256 | 26.579 | 0.366 | 5.676 | 27.563 | 16.319 | -1.975 | 28.979 | 10.68 | 0.116 | 288.57 | 1.892 | 0.116 | 258.25 | 1.8 | 0.116 | 0.137 | 0.0 | 0.116 | 0.253 | 0.0 |
| 16 | 13325 | 13326 | NS | 1 | -34.988 | 25.922 | 0.074 | -34.728 | 27.645 | 0.16 | -19.897 | 30.046 | 9.898 | -6.182 | 30.08 | 18.231 | 0.116 | 305.625 | 7.352 | 0.116 | 287.961 | 8.507 | 0.116 | 9.552 | 0.006 | 0.116 | 0.497 | 0.0 |
| 17 | 13326 | 13327 | NS | 1 | -34.171 | 28.717 | 0.14 | -34.187 | 24.376 | 0.193 | -27.533 | 29.013 | 6.731 | -23.116 | 33.368 | 12.127 | 0.116 | 253.302 | 2.645 | 0.116 | 254.202 | 2.626 | 0.116 | 54.988 | 0.027 | 0.116 | 19.951 | 0.016 |
| 18 | 13326 | 13327 | NS | 2 | -34.171 | 28.716 | 0.14 | -34.187 | 24.376 | 0.193 | -27.533 | 29.013 | 6.731 | -23.116 | 33.368 | 12.127 | 0.116 | 253.302 | 2.645 | 0.116 | 254.202 | 2.626 | 0.116 | 54.988 | 0.027 | 0.116 | 19.951 | 0.016 |
| 19 | 13326 | 13327 | SN | 1 | -34.996 | 25.984 | 0.333 | -34.994 | 26.309 | 0.416 | 6.671 | 29.084 | 19.444 | 4.542 | 28.86 | 25.217 | 0.116 | 306.23 | 1.074 | 0.116 | 306.141 | 0.983 | 0.116 | 0.132 | 0.0 | 0.116 | 0.144 | 0.0 |
| 20 | 13326 | 13327 | SN | 1 | -34.996 | 25.984 | 0.333 | -34.994 | 26.309 | 0.416 | 6.671 | 29.084 | 19.355 | 4.544 | 28.86 | 25.217 | 0.116 | 306.23 | 1.073 | 0.116 | 306.141 | 0.982 | 0.116 | 0.132 | 0.0 | 0.116 | 0.144 | 0.0 |
| 21 | 13326 | 13327 | SN | 1 | -34.996 | 25.984 | 0.338 | -34.994 | 26.309 | 0.421 | 6.671 | 29.084 | 19.46 | 4.544 | 28.86 | 25.671 | 0.116 | 306.23 | 1.089 | 0.116 | 306.141 | 0.994 | 0.116 | 0.132 | 0.0 | 0.116 | 0.144 | 0.0 |
| 22 | 13327 | 13328 | SN | 1 | -34.12 | 22.398 | 0.003 | -34.95 | 23.174 | 0.019 | 6.526 | 28.485 | 18.477 | 8.646 | 29.816 | 26.828 | 0.116 | 250.289 | 2.102 | 0.116 | 302.967 | 1.554 | 0.116 | 0.133 | 0.0 | 0.116 | 0.126 | 0.0 |
| 23 | 13327 | 13328 | NS | 1 | -34.331 | 24.919 | 0.048 | -34.425 | 25.104 | 0.071 | -15.688 | 29.0 | 7.879 | -11.823 | 30.878 | 14.114 | 0.116 | 262.776 | 3.692 | 0.116 | 268.482 | 3.075 | 0.116 | 3.68 | 0.01 | 0.116 | 1.566 | 0.002 |
| 24 | 13327 | 13328 | NS | 2 | -34.331 | 24.919 | 0.048 | -34.425 | 25.104 | 0.071 | -15.688 | 29.0 | 7.879 | -11.823 | 30.878 | 14.112 | 0.116 | 262.776 | 3.692 | 0.116 | 268.482 | 3.073 | 0.116 | 3.68 | 0.01 | 0.116 | 1.566 | 0.002 |
| 25 | 13327 | 13328 | SN | 1 | -34.12 | 22.398 | 0.003 | -34.95 | 23.174 | 0.019 | 6.526 | 28.485 | 18.477 | 8.646 | 29.816 | 26.843 | 0.116 | 250.289 | 2.104 | 0.116 | 302.967 | 1.555 | 0.116 | 0.133 | 0.0 | 0.116 | 0.126 | 0.0 |
| 26 | 13327 | 13328 | SN | 1 | -34.12 | 22.398 | 0.003 | -34.95 | 23.174 | 0.019 | 6.526 | 28.485 | 18.597 | 8.646 | 29.816 | 26.837 | 0.116 | 250.289 | 2.113 | 0.116 | 302.967 | 1.563 | 0.116 | 0.133 | 0.0 | 0.116 | 0.126 | 0.0 |
| 27 | 13328 | 13329 | SN | 1 | -34.8 | 22.701 | 0.003 | -34.946 | 23.902 | 0.02 | -5.009 | 29.842 | 14.144 | -1.237 | 29.22 | 15.523 | 0.116 | 292.647 | 2.716 | 0.116 | 302.703 | 2.36 | 0.116 | 0.403 | 0.0 | 0.116 | 0.23 | 0.0 |
| 28 | 13328 | 13329 | SN | 1 | -34.8 | 22.701 | 0.004 | -34.946 | 23.902 | 0.021 | -5.009 | 29.842 | 15.14 | -1.237 | 29.22 | 15.558 | 0.116 | 292.647 | 2.837 | 0.116 | 302.703 | 2.522 | 0.116 | 0.403 | 0.0 | 0.116 | 0.23 | 0.0 |
| 29 | 13328 | 13329 | NS | 2 | -34.352 | 27.931 | 0.56 | -34.249 | 28.691 | 0.851 | -7.908 | 30.097 | 12.112 | -7.052 | 31.752 | 18.157 | 0.116 | 264.103 | 1.308 | 0.116 | 257.813 | 1.215 | 0.116 | 0.692 | 0.0 | 0.116 | 0.585 | 0.0 |
| 30 | 13328 | 13329 | NS | 1 | -34.352 | 27.931 | 0.56 | -34.137 | 28.691 | 0.851 | -7.908 | 30.097 | 12.109 | -7.052 | 31.752 | 18.157 | 0.116 | 264.103 | 1.307 | 0.116 | 251.278 | 1.215 | 0.116 | 0.692 | 0.0 | 0.116 | 0.585 | 0.0 |
| 31 | 13329 | 13330 | SN | 1 | -34.829 | 24.444 | 0.02 | -34.954 | 28.198 | 0.072 | 2.848 | 35.651 | 13.523 | 4.323 | 32.982 | 14.696 | 0.116 | 294.71 | 4.254 | 0.116 | 303.273 | 3.491 | 0.116 | 0.158 | 0.0 | 0.116 | 0.145 | 0.0 |
| 32 | 13329 | 13330 | NS | 1 | -34.702 | 28.142 | 1.11 | -33.463 | 28.666 | 1.46 | -0.261 | 32.283 | 12.95 | -23.444 | 29.797 | 22.641 | 0.116 | 286.17 | 0.912 | 0.116 | 215.183 | 0.656 | 0.116 | 0.206 | 0.0 | 0.116 | 21.505 | 0.003 |
| 33 | 13329 | 13330 | SN | 1 | -34.86 | 24.444 | 0.02 | -34.829 | 28.198 | 0.073 | 2.847 | 35.651 | 13.524 | 4.323 | 32.982 | 14.693 | 0.116 | 296.799 | 4.27 | 0.116 | 294.717 | 3.51 | 0.116 | 0.158 | 0.0 | 0.116 | 0.145 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 34 | 13329 | 13330 | SN | 1 | -34.86 | 24.444 | 0.021 | -34.829 | 28.198 | 0.078 | 2.847 | 35.651 | 14.412 | 4.323 | 32.982 | 14.7 | 0.116 | 296.799 | 4.515 | 0.116 | 294.717 | 3.992 | 0.116 | 0.158 | 0.0 | 0.116 | 0.145 | 0.0 |
| 35 | 13330 | 13331 | SN | 1 | -34.076 | 27.181 | 0.138 | -34.929 | 27.5 | 0.414 | -10.824 | 30.003 | 18.704 | -6.548 | 31.03 | 18.581 | 0.116 | 247.765 | 4.002 | 0.116 | 301.548 | 3.475 | 0.116 | 1.263 | 0.002 | 0.116 | 0.532 | 0.0 |
| 36 | 13330 | 13331 | SN | 1 | -34.076 | 27.181 | 0.138 | -34.929 | 27.5 | 0.414 | -10.824 | 30.003 | 18.704 | -6.548 | 31.03 | 18.581 | 0.116 | 247.765 | 4.002 | 0.116 | 301.548 | 3.475 | 0.116 | 1.263 | 0.002 | 0.116 | 0.532 | 0.0 |
| 37 | 13330 | 13331 | NS | 1 | -34.83 | 25.19 | 0.763 | -34.555 | 26.073 | 0.992 | -25.988 | 28.547 | 23.374 | 0.837 | 29.916 | 41.133 | 0.116 | 294.823 | 2.076 | 0.116 | 276.717 | 1.847 | 0.116 | 38.551 | 0.024 | 0.116 | 0.184 | 0.0 |
| 38 | 13330 | 13331 | NS | 1 | -34.756 | 25.19 | 0.764 | -34.275 | 26.073 | 0.992 | -25.848 | 28.547 | 23.399 | 0.836 | 29.916 | 41.074 | 0.116 | 289.765 | 2.075 | 0.116 | 259.381 | 1.843 | 0.116 | 37.339 | 0.024 | 0.116 | 0.184 | 0.0 |
| 39 | 13331 | 13332 | SN | 1 | -34.883 | 28.244 | 0.13 | -34.685 | 28.583 | 0.75 | -9.019 | 30.424 | 16.793 | -8.115 | 30.516 | 14.961 | 0.116 | 298.379 | 8.0 | 0.116 | 285.07 | 6.017 | 0.116 | 0.865 | 0.0 | 0.116 | 0.721 | 0.0 |
| 40 | 13331 | 13332 | NS | 1 | -34.521 | 27.33 | 0.966 | -34.38 | 27.606 | 1.061 | -22.178 | 29.608 | 14.619 | -18.95 | 30.459 | 27.24 | 0.116 | 274.516 | 2.395 | 0.116 | 265.802 | 2.04 | 0.116 | 16.09 | 0.034 | 0.116 | 7.7 | 0.02 |
| 41 | 13331 | 13332 | NS | 1 | -34.79 | 27.331 | 0.966 | -34.464 | 27.606 | 1.061 | -22.574 | 29.608 | 14.649 | -18.95 | 30.459 | 27.301 | 0.116 | 292.07 | 2.397 | 0.116 | 270.966 | 2.039 | 0.116 | 17.616 | 0.034 | 0.116 | 7.698 | 0.02 |
| 42 | 13332 | 13333 | SN | 1 | -34.866 | 28.27 | 0.042 | -34.343 | 29.211 | 1.212 | -15.502 | 30.472 | 19.295 | -21.078 | 30.829 | 20.549 | 0.116 | 297.194 | 5.183 | 0.116 | 263.528 | 3.968 | 0.116 | 3.53 | 0.022 | 0.116 | 12.51 | 0.011 |
| 43 | 13332 | 13333 | NS | 1 | -34.156 | 27.243 | 1.157 | -33.122 | 24.978 | 1.088 | 5.911 | 28.81 | 19.565 | 4.674 | 36.019 | 30.694 | 0.116 | 252.404 | 1.3 | 0.116 | 198.977 | 1.864 | 0.116 | 0.136 | 0.0 | 0.116 | 0.143 | 0.0 |
| 44 | 13332 | 13333 | NS | 1 | -34.631 | 27.243 | 1.157 | -32.609 | 24.978 | 1.088 | 5.911 | 28.807 | 19.564 | 4.674 | 36.024 | 30.601 | 0.116 | 281.518 | 1.301 | 0.116 | 189.323 | 1.869 | 0.116 | 0.136 | 0.0 | 0.116 | 0.143 | 0.0 |
| 45 | 13332 | 13333 | SN | 2 | -34.591 | 28.27 | 0.042 | -34.974 | 29.211 | 1.212 | -15.499 | 30.472 | 19.295 | -20.999 | 30.829 | 20.549 | 0.116 | 278.917 | 5.183 | 0.116 | 304.742 | 3.97 | 0.116 | 3.527 | 0.022 | 0.116 | 12.286 | 0.011 |
| 46 | 13333 | 13334 | NS | 2 | -34.894 | 29.288 | 1.305 | -34.646 | 25.124 | 1.004 | 11.875 | 31.384 | 34.203 | 10.003 | 30.241 | 50.299 | 0.116 | 299.126 | 2.915 | 0.116 | 282.593 | 2.642 | 0.116 | 0.121 | 0.0 | 0.116 | 0.123 | 0.0 |
| 47 | 13333 | 13334 | NS | 1 | -34.894 | 29.287 | 1.305 | -34.646 | 25.124 | 1.004 | 11.875 | 31.384 | 31.55 | 10.0 | 30.241 | 49.051 | 0.116 | 299.126 | 2.916 | 0.116 | 282.593 | 2.642 | 0.116 | 0.121 | 0.0 | 0.116 | 0.123 | 0.0 |
| 48 | 13333 | 13334 | NS | 1 | -34.894 | 29.288 | 1.305 | -34.646 | 25.124 | 1.004 | 11.875 | 31.384 | 34.203 | 10.003 | 30.241 | 50.299 | 0.116 | 299.126 | 2.915 | 0.116 | 282.593 | 2.642 | 0.116 | 0.121 | 0.0 | 0.116 | 0.123 | 0.0 |
| 49 | 13333 | 13334 | SN | 1 | -31.422 | 27.127 | 0.057 | -34.685 | 27.698 | 2.864 | -13.27 | 31.103 | 16.28 | -11.851 | 30.568 | 18.081 | 0.116 | 134.561 | 1.659 | 0.116 | 285.027 | 1.348 | 0.116 | 2.148 | 0.004 | 0.116 | 1.575 | 0.001 |
| 50 | 13333 | 13334 | SN | 1 | -31.837 | 27.127 | 0.057 | -32.762 | 27.698 | 2.862 | -13.27 | 31.103 | 16.267 | -11.851 | 30.566 | 18.074 | 0.116 | 147.999 | 1.659 | 0.116 | 183.151 | 1.342 | 0.116 | 2.148 | 0.004 | 0.116 | 1.575 | 0.001 |
| 51 | 13334 | 13335 | NS | 1 | -34.733 | 25.141 | 0.955 | -34.342 | 26.158 | 0.266 | -18.106 | 28.069 | 26.056 | 11.414 | 30.113 | 51.321 | 0.116 | 288.262 | 2.473 | 0.116 | 263.422 | 2.068 | 0.116 | 6.354 | 0.016 | 0.116 | 0.121 | 0.0 |
| 52 | 13334 | 13335 | SN | 1 | -34.682 | 26.765 | 0.175 | -34.95 | 26.96 | 2.289 | -8.756 | 29.398 | 27.286 | -9.522 | 29.768 | 28.334 | 0.116 | 284.917 | 1.593 | 0.116 | 302.935 | 1.529 | 0.116 | 0.82 | 0.0 | 0.116 | 0.96 | 0.0 |
| 53 | 13334 | 13335 | NS | 2 | -34.733 | 25.142 | 0.955 | -34.342 | 26.157 | 0.266 | -18.106 | 28.756 | 37.797 | 11.414 | 30.097 | 54.234 | 0.116 | 288.262 | 2.471 | 0.116 | 263.422 | 2.069 | 0.116 | 6.353 | 0.011 | 0.116 | 0.121 | 0.0 |
| 54 | 13334 | 13335 | NS | 1 | -34.733 | 25.141 | 0.955 | -34.342 | 26.158 | 0.266 | -18.106 | 28.756 | 37.788 | 11.414 | 30.097 | 54.234 | 0.116 | 288.262 | 2.471 | 0.116 | 263.422 | 2.068 | 0.116 | 6.354 | 0.011 | 0.116 | 0.121 | 0.0 |
| 55 | 13335 | 13336 | SN | 1 | -34.92 | 24.078 | 0.316 | -34.956 | 25.266 | 1.794 | 8.052 | 29.373 | 49.29 | 8.504 | 29.963 | 59.975 | 0.116 | 300.957 | 1.87 | 0.116 | 303.42 | 1.572 | 0.116 | 0.128 | 0.0 | 0.116 | 0.126 | 0.0 |
| 56 | 13335 | 13336 | SN | 2 | -34.92 | 24.078 | 0.316 | -34.956 | 25.266 | 1.794 | 8.052 | 29.373 | 49.29 | 8.504 | 29.963 | 59.975 | 0.116 | 300.957 | 1.87 | 0.116 | 303.42 | 1.572 | 0.116 | 0.128 | 0.0 | 0.116 | 0.126 | 0.0 |
| 57 | 13335 | 13336 | NS | 1 | -33.673 | 26.081 | 0.924 | -34.716 | 25.173 | 0.072 | 7.554 | 29.621 | 32.21 | 8.592 | 30.235 | 46.719 | 0.116 | 225.877 | 2.495 | 0.116 | 287.108 | 1.784 | 0.116 | 0.129 | 0.0 | 0.116 | 0.126 | 0.0 |
| 58 | 13335 | 13336 | NS | 1 | -33.673 | 26.081 | 0.924 | -34.716 | 25.173 | 0.072 | 7.554 | 29.621 | 32.21 | 8.592 | 30.235 | 46.719 | 0.116 | 225.877 | 2.495 | 0.116 | 287.108 | 1.784 | 0.116 | 0.129 | 0.0 | 0.116 | 0.126 | 0.0 |
| 59 | 13335 | 13336 | NS | 1 | -34.809 | 25.558 | 0.914 | -34.716 | 25.27 | 0.072 | 10.732 | 27.291 | 12.34 | 8.571 | 29.839 | 25.096 | 0.116 | 293.334 | 2.496 | 0.116 | 287.108 | 1.784 | 0.116 | 0.122 | 0.0 | 0.116 | 0.126 | 0.0 |
| 60 | 13336 | 13337 | NS | 1 | -34.365 | 24.44 | 0.899 | -34.98 | 27.727 | 0.104 | 7.4 | 24.921 | 6.936 | 6.671 | 27.752 | 11.325 | 0.116 | 264.801 | 1.462 | 0.116 | 305.167 | 1.657 | 0.116 | 0.13 | 0.0 | 0.116 | 0.132 | 0.0 |
| 61 | 13336 | 13337 | SN | 2 | -33.138 | 23.974 | 0.323 | -33.32 | 25.314 | 2.044 | 7.536 | 29.304 | 20.053 | 9.595 | 30.767 | 26.629 | 0.116 | 199.705 | 1.281 | 0.116 | 208.227 | 1.279 | 0.116 | 0.129 | 0.0 | 0.116 | 0.124 | 0.0 |
| 62 | 13336 | 13337 | SN | 1 | -33.138 | 23.974 | 0.323 | -33.32 | 25.314 | 2.044 | 7.536 | 29.304 | 20.053 | 9.595 | 30.767 | 26.629 | 0.116 | 199.705 | 1.281 | 0.116 | 208.227 | 1.279 | 0.116 | 0.129 | 0.0 | 0.116 | 0.124 | 0.0 |
| 63 | 13336 | 13337 | NS | 1 | -32.589 | 27.085 | 0.941 | -34.51 | 27.71 | 0.115 | 6.669 | 30.164 | 14.6 | 6.672 | 30.304 | 27.542 | 0.116 | 175.987 | 1.368 | 0.116 | 273.826 | 1.641 | 0.116 | 0.132 | 0.0 | 0.116 | 0.132 | 0.0 |
| 64 | 13336 | 13337 | NS | 1 | -34.365 | 27.085 | 0.945 | -34.98 | 27.71 | 0.115 | 6.668 | 30.164 | 14.619 | 6.672 | 30.306 | 27.537 | 0.116 | 264.801 | 1.369 | 0.116 | 305.167 | 1.646 | 0.116 | 0.132 | 0.0 | 0.116 | 0.132 | 0.0 |
| 65 | 13336 | 13337 | SN | 1 | -33.138 | 23.974 | 0.035 | -33.32 | 24.562 | 0.102 | 7.536 | 29.304 | 19.115 | 9.595 | 30.767 | 26.233 | 0.116 | 199.705 | 1.31 | 0.116 | 208.227 | 1.388 | 0.116 | 0.129 | 0.0 | 0.116 | 0.124 | 0.0 |
| 66 | 13337 | 13338 | SN | 1 | -34.888 | 27.852 | 2.674 | -34.752 | 28.314 | 3.728 | -26.046 | 33.377 | 19.691 | -25.978 | 31.395 | 25.571 | 0.116 | 298.725 | 3.801 | 0.116 | 289.451 | 3.206 | 0.116 | 39.078 | 0.07 | 0.116 | 38.471 | 0.068 |
| 67 | 13337 | 13338 | SN | 1 | -34.888 | 27.852 | 2.673 | -34.752 | 28.314 | 3.731 | -25.889 | 33.377 | 19.722 | -25.968 | 31.397 | 25.547 | 0.116 | 298.725 | 3.8 | 0.116 | 289.451 | 3.208 | 0.116 | 37.69 | 0.07 | 0.116 | 38.374 | 0.068 |
| 68 | 13337 | 13338 | NS | 1 | -34.541 | 28.597 | 0.745 | -33.661 | 28.671 | 0.074 | -3.334 | 30.563 | 18.717 | -1.083 | 32.982 | 33.194 | 0.116 | 275.833 | 3.207 | 0.116 | 225.169 | 3.026 | 0.116 | 0.307 | 0.0 | 0.116 | 0.226 | 0.0 |
| 69 | 13337 | 13338 | SN | 1 | -34.888 | 27.852 | 1.143 | -34.752 | 28.314 | 3.882 | -25.889 | 33.377 | 19.725 | -25.968 | 31.397 | 25.547 | 0.116 | 298.725 | 4.039 | 0.116 | 289.451 | 3.412 | 0.116 | 37.69 | 0.07 | 0.116 | 38.374 | 0.068 |
| 70 | 13338 | 13339 | NS | 1 | -34.222 | 27.801 | 0.054 | -34.875 | 28.332 | 0.04 | -5.13 | 34.3 | 11.036 | -3.074 | 30.991 | 22.714 | 0.116 | 256.308 | 6.11 | 0.116 | 297.854 | 5.431 | 0.116 | 0.411 | 0.0 | 0.116 | 0.295 | 0.0 |
| 71 | 13338 | 13339 | SN | 1 | -34.996 | 28.314 | 1.335 | -34.898 | 27.934 | 1.749 | 5.016 | 30.578 | 17.145 | 5.348 | 30.043 | 16.186 | 0.116 | 306.192 | 3.313 | 0.116 | 299.428 | 2.594 | 0.116 | 0.141 | 0.0 | 0.116 | 0.139 | 0.0 |
| 72 | 13338 | 13339 | SN | 1 | -34.996 | 28.314 | 1.335 | -34.898 | 27.934 | 1.748 | 5.016 | 30.578 | 17.145 | 5.348 | 30.043 | 16.3 | 0.116 | 306.192 | 3.313 | 0.116 | 299.428 | 2.595 | 0.116 | 0.141 | 0.0 | 0.116 | 0.139 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73 | 13338 | 13339 | NS | 2 | -34.932 | 27.801 | 0.054 | -34.875 | 28.332 | 0.04 | -5.131 | 34.3 | 11.036 | -3.074 | 30.991 | 22.713 | 0.116 | 301.779 | 6.114 | 0.116 | 297.854 | 5.431 | 0.116 | 0.412 | 0.0 | 0.116 | 0.295 | 0.0 |
| 74 | 13338 | 13339 | SN | 1 | -34.996 | 28.314 | 1.35 | -34.898 | 27.934 | 1.735 | 5.016 | 30.578 | 17.149 | 5.348 | 30.043 | 16.3 | 0.116 | 306.192 | 3.273 | 0.116 | 299.428 | 2.566 | 0.116 | 0.141 | 0.0 | 0.116 | 0.139 | 0.0 |
| 75 | 13339 | 13340 | SN | 1 | -34.645 | 26.386 | 0.408 | -34.626 | 28.307 | 0.451 | 6.566 | 28.645 | 26.128 | 6.656 | 29.279 | 31.309 | 0.116 | 282.436 | 3.139 | 0.116 | 281.196 | 3.37 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 76 | 13339 | 13340 | SN | 1 | -34.697 | 26.386 | 0.408 | -34.626 | 28.307 | 0.451 | 6.566 | 28.645 | 26.128 | 6.656 | 29.279 | 31.309 | 0.116 | 285.911 | 3.139 | 0.116 | 281.196 | 3.371 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 77 | 13339 | 13340 | SN | 1 | -34.397 | 26.386 | 0.411 | -34.615 | 28.307 | 0.45 | 6.566 | 28.645 | 26.117 | 6.652 | 29.279 | 31.317 | 0.116 | 266.82 | 3.131 | 0.116 | 280.563 | 3.367 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 78 | 13339 | 13340 | NS | 1 | -34.886 | 26.01 | 0.027 | -34.815 | 26.582 | 0.048 | -13.237 | 30.462 | 11.141 | -6.974 | 30.088 | 19.833 | 0.116 | 298.53 | 8.816 | 0.116 | 293.771 | 9.909 | 0.116 | 2.132 | 0.002 | 0.116 | 0.576 | 0.0 |
| 79 | 13340 | 13341 | SN | 1 | -34.051 | 25.985 | 0.299 | -34.693 | 25.97 | 0.354 | 6.654 | 28.235 | 19.795 | 6.396 | 28.411 | 16.89 | 0.116 | 246.386 | 1.76 | 0.116 | 285.58 | 1.33 | 0.116 | 0.132 | 0.0 | 0.116 | 0.134 | 0.0 |
| 80 | 13340 | 13341 | NS | 2 | -33.946 | 24.344 | 0.091 | -34.741 | 24.695 | 0.157 | -10.744 | 29.534 | 6.723 | -11.253 | 30.753 | 13.149 | 0.116 | 240.453 | 4.24 | 0.116 | 288.757 | 4.124 | 0.116 | 1.241 | 0.001 | 0.116 | 1.384 | 0.003 |
| 81 | 13340 | 13341 | SN | 1 | -34.051 | 25.985 | 0.307 | -34.693 | 25.97 | 0.361 | 6.652 | 28.235 | 19.821 | 6.396 | 28.411 | 17.1 | 0.116 | 246.386 | 1.806 | 0.116 | 285.58 | 1.358 | 0.116 | 0.132 | 0.0 | 0.116 | 0.134 | 0.0 |
| 82 | 13340 | 13341 | NS | 1 | -33.946 | 24.344 | 0.091 | -34.741 | 24.695 | 0.157 | -10.744 | 29.534 | 6.723 | -11.253 | 30.753 | 13.149 | 0.116 | 240.453 | 4.24 | 0.116 | 288.757 | 4.124 | 0.116 | 1.241 | 0.001 | 0.116 | 1.384 | 0.003 |
| 83 | 13341 | 13342 | NS | 1 | -34.258 | 25.025 | 0.078 | -34.75 | 24.65 | 0.115 | -10.269 | 29.341 | 8.347 | -4.345 | 31.189 | 15.233 | 0.116 | 276.686 | 2.764 | 0.116 | 289.338 | 2.74 | 0.116 | 1.122 | 0.001 | 0.116 | 0.36 | 0.0 |
| 84 | 13341 | 13342 | SN | 1 | -34.762 | 24.884 | 0.324 | -34.725 | 25.527 | 0.392 | 5.893 | 28.869 | 18.863 | 8.068 | 29.689 | 25.736 | 0.116 | 290.209 | 1.823 | 0.116 | 287.684 | 1.34 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 85 | 13341 | 13342 | NS | 1 | -34.495 | 25.026 | 0.078 | -34.75 | 24.649 | 0.115 | -10.269 | 29.341 | 8.366 | -4.345 | 31.189 | 15.258 | 0.116 | 272.871 | 2.765 | 0.116 | 289.338 | 2.739 | 0.116 | 1.122 | 0.001 | 0.116 | 0.36 | 0.0 |
| 86 | 13341 | 13342 | SN | 1 | -34.762 | 24.884 | 0.333 | -34.725 | 25.527 | 0.402 | 5.893 | 28.869 | 19.089 | 8.068 | 29.689 | 26.396 | 0.116 | 290.209 | 1.87 | 0.116 | 287.684 | 1.375 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 87 | 13342 | 13343 | SN | 1 | -34.806 | 22.454 | 0.011 | -34.727 | 23.332 | 0.023 | 5.935 | 28.567 | 16.69 | 8.662 | 28.584 | 18.167 | 0.116 | 293.151 | 3.096 | 0.116 | 287.784 | 2.797 | 0.116 | 0.136 | 0.0 | 0.116 | 0.126 | 0.0 |
| 88 | 13342 | 13343 | NS | 1 | -33.978 | 22.672 | 0.015 | -34.111 | 24.728 | 0.051 | -12.018 | 29.862 | 8.047 | -14.498 | 30.507 | 13.98 | 0.116 | 242.218 | 1.259 | 0.116 | 249.801 | 1.216 | 0.116 | 1.633 | 0.002 | 0.116 | 2.82 | 0.002 |
| 89 | 13342 | 13343 | SN | 1 | -34.806 | 22.454 | 0.01 | -34.727 | 23.332 | 0.022 | 5.935 | 28.567 | 15.509 | 8.662 | 28.584 | 17.916 | 0.116 | 293.151 | 2.996 | 0.116 | 287.784 | 2.668 | 0.116 | 0.136 | 0.0 | 0.116 | 0.126 | 0.0 |
| 90 | 13342 | 13343 | NS | 1 | -33.652 | 22.672 | 0.016 | -34.111 | 24.728 | 0.051 | -12.018 | 29.862 | 8.037 | -14.498 | 30.507 | 13.982 | 0.116 | 224.714 | 1.256 | 0.116 | 249.801 | 1.22 | 0.116 | 1.633 | 0.002 | 0.116 | 2.82 | 0.002 |
| 91 | 13343 | 13344 | SN | 1 | -34.651 | 25.267 | 0.054 | -34.877 | 25.882 | 0.05 | 0.338 | 34.316 | 12.309 | 1.739 | 35.174 | 11.793 | 0.116 | 282.838 | 1.141 | 0.116 | 297.93 | 0.948 | 0.116 | 0.193 | 0.0 | 0.116 | 0.171 | 0.0 |
| 92 | 13343 | 13344 | NS | 1 | -34.139 | 27.871 | 0.344 | -34.622 | 28.55 | 0.559 | 8.085 | 28.717 | 18.454 | 0.339 | 29.786 | 28.172 | 0.116 | 251.418 | 2.916 | 0.116 | 280.954 | 2.952 | 0.116 | 0.128 | 0.0 | 0.116 | 0.193 | 0.0 |
| 93 | 13343 | 13344 | NS | 2 | -34.998 | 27.871 | 0.344 | -34.942 | 28.55 | 0.559 | 8.085 | 28.717 | 18.456 | 0.339 | 29.786 | 28.167 | 0.116 | 306.34 | 2.916 | 0.116 | 302.46 | 2.953 | 0.116 | 0.128 | 0.0 | 0.116 | 0.193 | 0.0 |
| 94 | 13343 | 13344 | SN | 1 | -34.651 | 25.267 | 0.054 | -34.877 | 25.882 | 0.05 | 0.334 | 34.316 | 12.278 | 1.739 | 35.173 | 11.763 | 0.116 | 282.838 | 1.141 | 0.116 | 297.93 | 0.948 | 0.116 | 0.193 | 0.0 | 0.116 | 0.171 | 0.0 |
| 95 | 13343 | 13344 | SN | 1 | -34.651 | 25.267 | 0.057 | -34.877 | 25.882 | 0.055 | 0.338 | 34.316 | 13.003 | 1.739 | 35.174 | 11.749 | 0.116 | 282.838 | 1.196 | 0.116 | 297.93 | 1.042 | 0.116 | 0.193 | 0.0 | 0.116 | 0.171 | 0.0 |
| 96 | 13344 | 13345 | SN | 1 | -34.648 | 27.031 | 0.231 | -34.786 | 27.365 | 0.18 | -4.899 | 35.21 | 17.445 | -18.53 | 33.708 | 18.27 | 0.116 | 282.604 | 4.133 | 0.116 | 291.709 | 3.293 | 0.116 | 0.395 | 0.0 | 0.116 | 6.996 | 0.012 |
| 97 | 13344 | 13345 | SN | 2 | -34.648 | 27.031 | 0.209 | -34.786 | 27.365 | 0.282 | -4.899 | 35.21 | 16.301 | -18.53 | 33.708 | 18.238 | 0.116 | 282.604 | 3.759 | 0.116 | 291.709 | 2.79 | 0.116 | 0.395 | 0.0 | 0.116 | 6.996 | 0.012 |
| 98 | 13344 | 13345 | NS | 1 | -32.513 | 28.787 | 0.787 | -31.706 | 26.989 | 0.951 | -6.499 | 29.475 | 18.354 | 0.238 | 29.568 | 32.802 | 0.116 | 172.902 | 1.008 | 0.116 | 143.601 | 0.828 | 0.116 | 0.527 | 0.0 | 0.116 | 0.195 | 0.0 |
| 99 | 13344 | 13345 | NS | 2 | -32.513 | 28.787 | 0.788 | -31.744 | 26.989 | 0.952 | -6.499 | 29.475 | 18.357 | 0.238 | 29.568 | 32.806 | 0.116 | 172.902 | 1.009 | 0.116 | 144.887 | 0.828 | 0.116 | 0.527 | 0.0 | 0.116 | 0.195 | 0.0 |
| 100 | 13344 | 13345 | SN | 1 | -34.648 | 27.031 | 0.209 | -34.786 | 27.365 | 0.282 | -4.899 | 35.21 | 16.301 | -18.53 | 33.708 | 18.238 | 0.116 | 282.604 | 3.759 | 0.116 | 291.709 | 2.79 | 0.116 | 0.395 | 0.0 | 0.116 | 6.996 | 0.012 |
| 101 | 13345 | 13346 | NS | 1 | -34.96 | 28.819 | 0.724 | -34.744 | 27.794 | 0.879 | -8.534 | 29.127 | 28.869 | -7.24 | 30.11 | 45.218 | 0.116 | 303.724 | 1.246 | 0.116 | 288.907 | 0.99 | 0.116 | 0.784 | 0.0 | 0.116 | 0.607 | 0.0 |
| 102 | 13345 | 13346 | SN | 1 | -34.829 | 27.265 | 0.245 | -34.98 | 28.069 | 0.735 | -17.069 | 29.512 | 17.793 | -4.246 | 30.436 | 15.953 | 0.116 | 294.65 | 7.57 | 0.116 | 305.094 | 6.338 | 0.116 | 5.024 | 0.007 | 0.116 | 0.354 | 0.0 |
| 103 | 13346 | 13347 | SN | 1 | -34.878 | 28.853 | 0.057 | -34.803 | 28.614 | 0.823 | -20.579 | 29.966 | 18.878 | -23.449 | 30.266 | 17.888 | 0.116 | 298.016 | 10.11 | 0.116 | 292.924 | 7.751 | 0.116 | 11.161 | 0.013 | 0.116 | 21.531 | 0.045 |
| 104 | 13346 | 13347 | NS | 1 | -33.953 | 28.776 | 0.901 | -33.898 | 26.104 | 0.926 | -17.308 | 32.054 | 16.545 | -27.312 | 34.014 | 29.244 | 0.116 | 240.905 | 1.705 | 0.116 | 237.825 | 1.612 | 0.116 | 5.302 | 0.015 | 0.116 | 52.28 | 0.029 |
| 105 | 13346 | 13347 | NS | 1 | -33.953 | 28.776 | 0.9 | -33.898 | 26.104 | 0.925 | -17.308 | 32.054 | 16.543 | -27.312 | 34.014 | 29.246 | 0.116 | 240.905 | 1.703 | 0.116 | 237.825 | 1.61 | 0.116 | 5.302 | 0.015 | 0.116 | 52.28 | 0.029 |
| 106 | 13347 | 13348 | NS | 1 | -34.748 | 24.879 | 1.715 | -34.629 | 25.045 | 1.591 | 4.765 | 29.149 | 23.841 | 5.084 | 30.634 | 35.232 | 0.116 | 289.315 | 3.562 | 0.116 | 281.406 | 3.312 | 0.116 | 0.142 | 0.0 | 0.116 | 0.14 | 0.0 |
| 107 | 13347 | 13348 | NS | 1 | -33.274 | 24.879 | 1.717 | -34.365 | 25.045 | 1.594 | 4.765 | 29.144 | 23.681 | 5.076 | 30.634 | 34.938 | 0.116 | 205.989 | 3.555 | 0.116 | 264.825 | 3.296 | 0.116 | 0.142 | 0.0 | 0.116 | 0.14 | 0.0 |
| 108 | 13347 | 13348 | SN | 1 | -34.872 | 21.582 | 0.0 | -34.492 | 24.803 | 1.841 | -22.889 | 30.068 | 16.281 | -24.577 | 30.278 | 15.302 | 0.116 | 297.659 | 3.975 | 0.116 | 272.652 | 3.355 | 0.116 | 18.937 | 0.032 | 0.116 | 27.886 | 0.045 |
| 109 | 13347 | 13348 | NS | 1 | -34.069 | 24.879 | 1.717 | -34.365 | 25.045 | 1.594 | 4.765 | 29.149 | 23.893 | 5.076 | 30.634 | 35.125 | 0.116 | 247.398 | 3.558 | 0.116 | 264.825 | 3.296 | 0.116 | 0.142 | 0.0 | 0.116 | 0.14 | 0.0 |
| 110 | 13348 | 13349 | NS | 1 | -34.795 | 26.975 | 1.047 | -34.719 | 25.28 | 0.617 | 12.99 | 28.635 | 39.274 | 13.334 | 30.557 | 61.686 | 0.116 | 292.393 | 3.409 | 0.116 | 287.352 | 3.122 | 0.116 | 0.12 | 0.0 | 0.116 | 0.119 | 0.0 |
| 111 | 13348 | 13349 | SN | 1 | -34.597 | 26.018 | 0.059 | -33.87 | 26.391 | 2.761 | -3.221 | 29.4 | 19.538 | -3.278 | 30.852 | 21.211 | 0.116 | 279.358 | 2.554 | 0.116 | 236.29 | 2.0 | 0.116 | 0.302 | 0.0 | 0.116 | 0.304 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|--------|--------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-------|
| 112 | 13348 | 13349 | NS | 1 | -34.795 | 26.975 | 1.047 | -34.719 | 25.28 | 0.617 | 12.901 | 28.603 | 34.493 | 13.352 | 30.546 | 58.958 | 0.116 | 292.393 | 3.41 | 0.116 | 287.352 | 3.122 | 0.116 | 0.12 | 0.0 | 0.116 | 0.119 | 0.0 |
| 113 | 13349 | 13350 | SN | 1 | -31.784 | 23.643 | 1.371 | -28.202 | 25.343 | 17.287 | 13.468 | 29.364 | 68.864 | 15.262 | 29.412 | 76.134 | 0.116 | 146.238 | 3.295 | 0.116 | 64.122 | 2.44 | 0.116 | 0.119 | 0.0 | 0.116 | 0.118 | 0.0 |
| 114 | 13349 | 13350 | SN | 2 | -31.784 | 23.643 | 1.371 | -28.202 | 25.343 | 17.287 | 13.468 | 29.364 | 68.864 | 15.262 | 29.412 | 76.134 | 0.116 | 146.238 | 3.295 | 0.116 | 64.122 | 2.44 | 0.116 | 0.119 | 0.0 | 0.116 | 0.118 | 0.0 |
| 115 | 13349 | 13350 | NS | 2 | -34.295 | 29.031 | 0.97 | -34.267 | 26.193 | 0.182 | 8.792 | 28.903 | 29.745 | 9.366 | 30.003 | 44.853 | 0.116 | 260.644 | 1.223 | 0.116 | 258.915 | 1.02 | 0.116 | 0.126 | 0.0 | 0.116 | 0.125 | 0.0 |
| 116 | 13349 | 13350 | NS | 1 | -34.295 | 29.031 | 0.97 | -34.267 | 26.193 | 0.182 | 8.792 | 28.903 | 29.745 | 9.366 | 30.003 | 44.853 | 0.116 | 260.644 | 1.223 | 0.116 | 258.915 | 1.02 | 0.116 | 0.126 | 0.0 | 0.116 | 0.125 | 0.0 |
| 117 | 13350 | 13351 | SN | 1 | -34.844 | 24.882 | 0.06 | -34.88 | 25.048 | 0.063 | -7.544 | 29.285 | 35.226 | -0.886 | 30.614 | 40.755 | 0.116 | 295.702 | 5.549 | 0.116 | 298.12 | 4.231 | 0.116 | 0.644 | 0.0 | 0.116 | 0.221 | 0.0 |
| 118 | 13350 | 13351 | NS | 1 | -33.864 | 24.737 | 0.989 | -34.864 | 27.965 | 0.162 | 8.209 | 33.047 | 5.132 | -0.145 | 27.483 | 4.865 | 0.116 | 235.992 | 2.018 | 0.116 | 297.061 | 1.811 | 0.116 | 0.127 | 0.0 | 0.116 | 0.203 | 0.0 |
| 119 | 13350 | 13351 | SN | 2 | -34.844 | 24.882 | 0.231 | -34.88 | 25.631 | 1.79 | -7.544 | 29.285 | 36.846 | -0.886 | 30.614 | 42.681 | 0.116 | 295.702 | 5.425 | 0.116 | 298.12 | 4.018 | 0.116 | 0.644 | 0.0 | 0.116 | 0.221 | 0.0 |
| 120 | 13350 | 13351 | NS | 1 | -33.864 | 27.215 | 1.114 | -34.864 | 27.956 | 0.164 | -9.294 | 33.047 | 21.127 | -17.967 | 30.506 | 33.391 | 0.116 | 235.992 | 2.067 | 0.116 | 297.061 | 1.81 | 0.116 | 0.916 | 0.0 | 0.116 | 6.157 | 0.018 |
| 121 | 13350 | 13351 | SN | 1 | -34.844 | 24.882 | 0.231 | -34.88 | 25.631 | 1.79 | -7.544 | 29.285 | 36.846 | -0.886 | 30.614 | 42.681 | 0.116 | 295.702 | 5.425 | 0.116 | 298.12 | 4.018 | 0.116 | 0.644 | 0.0 | 0.116 | 0.221 | 0.0 |
| 122 | 13350 | 13351 | NS | 1 | -33.864 | 27.215 | 1.114 | -34.864 | 27.956 | 0.164 | -9.294 | 33.047 | 21.127 | -17.988 | 30.506 | 33.391 | 0.116 | 235.992 | 2.067 | 0.116 | 297.061 | 1.81 | 0.116 | 0.916 | 0.0 | 0.116 | 6.186 | 0.018 |
| 123 | 13351 | 13352 | NS | 1 | -32.151 | 26.254 | 1.054 | -33.727 | 28.248 | 0.185 | 3.843 | 29.39 | 15.03 | -1.656 | 29.751 | 27.061 | 0.116 | 159.116 | 1.668 | 0.116 | 228.663 | 1.397 | 0.116 | 0.149 | 0.0 | 0.116 | 0.242 | 0.0 |
| 124 | 13351 | 13352 | NS | 2 | -32.802 | 26.254 | 1.054 | -33.727 | 28.248 | 0.185 | 3.843 | 29.39 | 15.029 | -1.652 | 29.751 | 27.061 | 0.116 | 184.852 | 1.671 | 0.116 | 228.663 | 1.399 | 0.116 | 0.149 | 0.0 | 0.116 | 0.242 | 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 | 13322 | 13323 | SN | 1 | 57.53 | 58.124 | 0.0 | 0.0 | 295.268 | 3.456 | 1210.768 | 1261.024 | 0.0 | -93.384 | -91.914 | 0.0 |
| 2 | 13322 | 13323 | SN | 1 | 57.53 | 58.124 | 0.0 | 0.0 | 295.268 | 3.873 | 1210.768 | 1262.432 | 0.0 | -93.384 | -91.914 | 0.0 |
| 3 | 13322 | 13323 | SN | 1 | 57.53 | 58.117 | 0.0 | 0.0 | 295.223 | 3.997 | 1210.752 | 1262.432 | 0.0 | -93.384 | -91.914 | 0.0 |
| 4 | 13323 | 13324 | SN | 1 | 57.502 | 58.119 | 0.0 | 0.0 | 295.929 | 3.812 | 1210.32 | 1263.04 | 0.0 | -95.273 | -91.926 | 0.0 |
| 5 | 13323 | 13324 | SN | 1 | 57.502 | 58.118 | 0.0 | 0.0 | 295.929 | 3.273 | 1210.32 | 1262.392 | 0.0 | -95.273 | -91.926 | 0.0 |
| 6 | 13323 | 13324 | NS | 1 | 57.615 | 58.251 | 0.0 | 0.0 | 296.685 | 3.641 | 1220.504 | 1264.192 | 0.0 | -93.736 | -92.014 | 0.0 |
| 7 | 13324 | 13325 | NS | 1 | 57.61 | 58.252 | 0.0 | 0.0 | 295.836 | 3.522 | 1220.88 | 1264.216 | 0.0 | -93.736 | -92.029 | 0.0 |
| 8 | 13324 | 13325 | SN | 1 | 57.526 | 58.118 | 0.0 | 0.0 | 299.751 | 3.831 | 1209.608 | 1262.968 | 0.0 | -93.532 | -91.928 | 0.0 |
| 9 | 13324 | 13325 | SN | 2 | 57.526 | 58.118 | 0.0 | 0.0 | 299.751 | 3.303 | 1209.608 | 1262.416 | 0.0 | -93.532 | -91.928 | 0.0 |
| 10 | 13324 | 13325 | NS | 1 | 57.61 | 58.252 | 0.0 | 0.0 | 295.836 | 3.518 | 1220.976 | 1264.216 | 0.0 | -93.736 | -92.029 | 0.0 |
| 11 | 13324 | 13325 | SN | 1 | 57.526 | 58.118 | 0.0 | 0.0 | 299.751 | 3.303 | 1209.608 | 1262.416 | 0.0 | -93.532 | -91.928 | 0.0 |
| 12 | 13325 | 13326 | NS | 1 | 57.495 | 58.252 | 0.0 | 0.0 | 295.179 | 3.926 | 1219.576 | 1264.144 | 0.0 | -94.693 | -92.029 | 0.0 |
| 13 | 13325 | 13326 | SN | 2 | 57.525 | 58.116 | 0.0 | 0.008 | 286.046 | 2.996 | 1209.864 | 1262.568 | 0.001 | -93.685 | -91.925 | 0.0 |
| 14 | 13325 | 13326 | SN | 1 | 57.525 | 58.116 | 0.0 | 0.008 | 266.816 | 2.918 | 1209.864 | 1262.176 | 0.001 | -93.685 | -91.925 | 0.0 |
| 15 | 13325 | 13326 | SN | 1 | 57.525 | 58.116 | 0.0 | 0.008 | 286.052 | 2.996 | 1209.864 | 1262.576 | 0.001 | -93.685 | -91.925 | 0.0 |
| 16 | 13325 | 13326 | NS | 1 | 57.495 | 58.252 | 0.0 | 0.0 | 295.179 | 3.929 | 1219.576 | 1264.144 | 0.0 | -94.693 | -92.029 | 0.0 |
| 17 | 13326 | 13327 | NS | 1 | 57.487 | 58.251 | 0.0 | 0.0 | 298.069 | 4.168 | 1221.712 | 1264.344 | 0.0 | -94.933 | -91.997 | 0.0 |
| 18 | 13326 | 13327 | NS | 2 | 57.487 | 58.251 | 0.0 | 0.0 | 298.075 | 4.168 | 1221.712 | 1264.352 | 0.0 | -94.933 | -91.997 | 0.0 |
| 19 | 13326 | 13327 | SN | 1 | 57.52 | 58.126 | 0.0 | 0.0 | 298.56 | 3.212 | 1209.624 | 1262.344 | 0.0 | -93.681 | -91.926 | 0.0 |
| 20 | 13326 | 13327 | SN | 1 | 57.52 | 58.126 | 0.0 | 0.0 | 298.56 | 3.221 | 1209.624 | 1262.344 | 0.0 | -93.681 | -91.926 | 0.0 |
| 21 | 13326 | 13327 | SN | 1 | 57.52 | 58.126 | 0.0 | 0.0 | 260.137 | 3.132 | 1209.624 | 1261.872 | 0.0 | -93.681 | -91.926 | 0.0 |
| 22 | 13327 | 13328 | SN | 1 | 57.499 | 58.12 | 0.0 | 0.0 | 294.567 | 3.431 | 1209.768 | 1262.8 | 0.002 | -93.34 | -91.923 | 0.0 |
| 23 | 13327 | 13328 | NS | 1 | 57.619 | 58.268 | 0.0 | 0.0 | 299.884 | 3.658 | 1220.728 | 1264.168 | 0.0 | -93.736 | -92.023 | 0.0 |
| 24 | 13327 | 13328 | NS | 2 | 57.619 | 58.268 | 0.0 | 0.0 | 299.884 | 3.659 | 1220.728 | 1264.168 | 0.0 | -93.736 | -92.023 | 0.0 |
| 25 | 13327 | 13328 | SN | 1 | 57.499 | 58.12 | 0.0 | 0.0 | 294.567 | 3.434 | 1209.768 | 1262.808 | 0.002 | -93.34 | -91.923 | 0.0 |
| 26 | 13327 | 13328 | SN | 1 | 57.499 | 58.12 | 0.0 | 0.0 | 294.567 | 3.283 | 1209.768 | 1262.664 | 0.002 | -93.34 | -91.923 | 0.0 |
| 27 | 13328 | 13329 | SN | 1 | 57.145 | 58.265 | 0.0 | 0.0 | 293.999 | 3.775 | 1204.136 | 1262.776 | 0.002 | -95.525 | -91.902 | 0.0 |
| 28 | 13328 | 13329 | SN | 1 | 57.145 | 58.265 | 0.0 | 0.0 | 293.999 | 3.113 | 1204.136 | 1260.496 | 0.002 | -95.525 | -91.902 | 0.0 |
| 29 | 13328 | 13329 | NS | 2 | 57.604 | 58.273 | 0.0 | 0.0 | 295.135 | 3.702 | 1221.288 | 1264.2 | 0.0 | -93.787 | -92.023 | 0.0 |
| 30 | 13328 | 13329 | NS | 1 | 57.603 | 58.274 | 0.0 | 0.0 | 295.13 | 3.697 | 1221.288 | 1264.216 | 0.0 | -93.787 | -92.023 | 0.0 |
| 31 | 13329 | 13330 | SN | 1 | 57.52 | 58.12 | 0.0 | 0.0 | 297.159 | 3.331 | 1210.432 | 1262.68 | 0.0 | -93.571 | -91.92 | 0.0 |
| 32 | 13329 | 13330 | NS | 1 | 57.633 | 58.25 | 0.0 | 0.0 | 293.988 | 3.603 | 1220.64 | 1264.168 | 0.0 | -93.737 | -92.013 | 0.0 |
| 33 | 13329 | 13330 | SN | 1 | 57.52 | 58.12 | 0.0 | 0.0 | 297.159 | 3.334 | 1210.512 | 1262.696 | 0.0 | -93.571 | -91.92 | 0.0 |
| 34 | 13329 | 13330 | SN | 1 | 57.52 | 58.12 | 0.0 | 0.0 | 297.159 | 2.411 | 1210.512 | 1259.496 | 0.0 | -93.571 | -91.92 | 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 |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-------|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 35 | 13330 | 13331 | SN | 1 | 57.523 | 58.179 | 0.0 | 0.0 | 294.286 | 3.601 | 1210.704 | 1264.76 | 0.0 | -94.206 | -91.917 | 0.0 |
| 36 | 13330 | 13331 | SN | 1 | 57.523 | 58.179 | 0.0 | 0.0 | 294.286 | 3.601 | 1210.704 | 1264.76 | 0.0 | -94.206 | -91.917 | 0.0 |
| 37 | 13330 | 13331 | NS | 1 | 57.632 | 58.249 | 0.0 | 0.0 | 294.953 | 3.956 | 1221.072 | 1264.176 | 0.0 | -93.736 | -91.958 | 0.0 |
| 38 | 13330 | 13331 | NS | 1 | 57.613 | 58.25 | 0.0 | 0.0 | 297.137 | 3.961 | 1221.064 | 1264.192 | 0.0 | -93.736 | -91.958 | 0.0 |
| 39 | 13331 | 13332 | SN | 1 | 57.332 | 58.138 | 0.0 | 0.0 | 299.139 | 3.693 | 1209.04 | 1263.4 | 0.0 | -94.137 | -91.936 | 0.0 |
| 40 | 13331 | 13332 | NS | 1 | 57.608 | 58.25 | 0.0 | 0.0 | 296.646 | 3.779 | 1220.584 | 1264.4 | 0.0 | -93.738 | -92.022 | 0.0 |
| 41 | 13331 | 13332 | NS | 1 | 57.606 | 58.25 | 0.0 | 0.0 | 296.641 | 3.781 | 1220.176 | 1264.408 | 0.0 | -93.738 | -92.023 | 0.0 |
| 42 | 13332 | 13333 | SN | 1 | 57.46 | 58.266 | 0.0 | 0.0 | 296.078 | 4.137 | 1208.576 | 1263.312 | 0.001 | -95.483 | -91.928 | 0.0 |
| 43 | 13332 | 13333 | NS | 1 | 57.604 | 58.25 | 0.0 | 0.0 | 299.018 | 3.711 | 1220.808 | 1264.504 | 0.0 | -92.868 | -92.023 | 0.0 |
| 44 | 13332 | 13333 | NS | 1 | 57.603 | 58.25 | 0.0 | 0.0 | 299.018 | 3.708 | 1220.808 | 1264.504 | 0.0 | -92.88 | -92.023 | 0.0 |
| 45 | 13332 | 13333 | SN | 2 | 57.46 | 58.266 | 0.0 | 0.0 | 296.117 | 4.14 | 1208.568 | 1263.312 | 0.001 | -95.483 | -91.928 | 0.0 |
| 46 | 13333 | 13334 | NS | 2 | 57.527 | 58.371 | 0.0 | 0.0 | 280.438 | 3.311 | 1219.912 | 1264.312 | 0.0 | -95.677 | -92.017 | 0.0 |
| 47 | 13333 | 13334 | NS | 1 | 57.527 | 58.371 | 0.0 | 0.0 | 280.438 | 3.261 | 1219.912 | 1264.312 | 0.0 | -95.677 | -92.017 | 0.0 |
| 48 | 13333 | 13334 | NS | 1 | 57.527 | 58.371 | 0.0 | 0.0 | 280.438 | 3.311 | 1219.912 | 1264.312 | 0.0 | -95.677 | -92.017 | 0.0 |
| 49 | 13333 | 13334 | SN | 1 | 57.535 | 58.139 | 0.0 | 0.0 | 294.573 | 3.753 | 1211.64 | 1263.12 | 0.0 | -94.954 | -91.918 | 0.0 |
| 50 | 13333 | 13334 | SN | 1 | 57.535 | 58.14 | 0.0 | 0.0 | 299.713 | 3.751 | 1211.648 | 1263.12 | 0.0 | -94.954 | -91.918 | 0.0 |
| 51 | 13334 | 13335 | NS | 1 | 57.599 | 58.256 | 0.0 | 0.0 | 294.694 | 3.028 | 1219.664 | 1264.104 | 0.0 | -93.674 | -92.015 | 0.0 |
| 52 | 13334 | 13335 | SN | 1 | 57.506 | 58.474 | 0.0 | 0.0 | 295.571 | 3.927 | 1211.768 | 1262.96 | 0.0 | -95.782 | -91.936 | 0.0 |
| 53 | 13334 | 13335 | NS | 2 | 57.6 | 58.256 | 0.0 | 0.0 | 294.115 | 3.609 | 1219.656 | 1264.088 | 0.0 | -93.674 | -92.015 | 0.0 |
| 54 | 13334 | 13335 | NS | 1 | 57.599 | 58.256 | 0.0 | 0.0 | 294.694 | 3.611 | 1219.664 | 1264.104 | 0.0 | -93.674 | -92.015 | 0.0 |
| 55 | 13335 | 13336 | SN | 1 | 57.477 | 58.242 | 0.0 | 0.0 | 295.246 | 4.337 | 1208.696 | 1262.888 | 0.0 | -95.349 | -91.936 | 0.0 |
| 56 | 13335 | 13336 | SN | 2 | 57.477 | 58.242 | 0.0 | 0.0 | 295.246 | 4.337 | 1208.696 | 1262.888 | 0.0 | -95.349 | -91.936 | 0.0 |
| 57 | 13335 | 13336 | NS | 1 | 57.598 | 58.246 | 0.0 | 0.0 | 293.453 | 3.576 | 1219.28 | 1263.968 | 0.0 | -92.973 | -92.015 | 0.0 |
| 58 | 13335 | 13336 | NS | 1 | 57.598 | 58.246 | 0.0 | 0.0 | 293.453 | 3.577 | 1219.28 | 1263.968 | 0.0 | -92.973 | -92.015 | 0.0 |
| 59 | 13335 | 13336 | NS | 1 | 57.598 | 58.246 | 0.0 | 0.003 | 290.949 | 2.348 | 1219.28 | 1263.968 | 0.0 | -92.973 | -92.015 | 0.0 |
| 60 | 13336 | 13337 | NS | 1 | 57.597 | 58.246 | 0.0 | 0.0 | 292.598 | 1.959 | 1219.128 | 1263.88 | 0.0 | -93.702 | -91.981 | 0.0 |
| 61 | 13336 | 13337 | SN | 2 | 57.135 | 58.123 | 0.001 | 0.0 | 298.499 | 3.978 | 1208.704 | 1263.04 | 0.001 | -95.418 | -91.934 | 0.0 |
| 62 | 13336 | 13337 | SN | 1 | 57.135 | 58.123 | 0.001 | 0.0 | 298.499 | 3.978 | 1208.704 | 1263.04 | 0.001 | -95.418 | -91.934 | 0.0 |
| 63 | 13336 | 13337 | NS | 1 | 57.599 | 58.246 | 0.0 | 0.0 | 297.093 | 3.128 | 1219.432 | 1263.88 | 0.0 | -93.702 | -91.981 | 0.0 |
| 64 | 13336 | 13337 | NS | 1 | 57.597 | 58.246 | 0.0 | 0.0 | 292.598 | 3.131 | 1219.128 | 1263.88 | 0.0 | -93.702 | -91.981 | 0.0 |
| 65 | 13336 | 13337 | SN | 1 | 57.135 | 58.123 | 0.001 | 0.0 | 298.499 | 3.084 | 1208.704 | 1260.472 | 0.001 | -95.418 | -91.934 | 0.0 |
| 66 | 13337 | 13338 | SN | 1 | 57.5 | 58.124 | 0.0 | 0.0 | 296.724 | 3.822 | 1211.12 | 1263.272 | 0.0 | -92.85 | -91.882 | 0.0 |
| 67 | 13337 | 13338 | SN | 1 | 57.5 | 58.124 | 0.0 | 0.0 | 296.724 | 3.826 | 1211.12 | 1263.272 | 0.0 | -92.941 | -91.882 | 0.0 |
| 68 | 13337 | 13338 | NS | 1 | 57.308 | 58.291 | 0.0 | 0.0 | 299.476 | 4.074 | 1217.456 | 1264.728 | 0.0 | -95.568 | -92.001 | 0.0 |
| 69 | 13337 | 13338 | SN | 1 | 57.5 | 58.124 | 0.0 | 0.0 | 295.598 | 3.209 | 1211.12 | 1262.48 | 0.0 | -92.941 | -91.882 | 0.0 |
| 70 | 13338 | 13339 | NS | 1 | 57.621 | 58.249 | 0.0 | 0.0 | 295.825 | 3.749 | 1219.4 | 1264.272 | 0.0 | -93.742 | -92.018 | 0.0 |
| 71 | 13338 | 13339 | SN | 1 | 57.318 | 58.124 | 0.0 | 0.003 | 295.687 | 3.185 | 1211.752 | 1262.768 | 0.0 | -94.69 | -91.938 | 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 | 13338 | 13339 | SN | 1 | 57.318 | 58.124 | 0.0 | 0.003 | 295.687 | 3.182 | 1211.752 | 1262.768 | 0.0 | -94.69 | -91.938 | 0.0 |
| 73 | 13338 | 13339 | NS | 2 | 57.622 | 58.248 | 0.0 | 0.0 | 295.858 | 3.751 | 1219.4 | 1264.272 | 0.0 | -93.742 | -92.018 | 0.0 |
| 74 | 13338 | 13339 | SN | 1 | 57.318 | 58.124 | 0.0 | 0.003 | 295.687 | 3.361 | 1211.752 | 1263.08 | 0.0 | -94.69 | -91.938 | 0.0 |
| 75 | 13339 | 13340 | SN | 1 | 57.504 | 58.134 | 0.0 | 0.0 | 288.418 | 3.056 | 1211.344 | 1262.632 | 0.0 | -93.371 | -91.936 | 0.0 |
| 76 | 13339 | 13340 | SN | 1 | 57.504 | 58.134 | 0.0 | 0.0 | 288.418 | 3.056 | 1211.344 | 1262.632 | 0.0 | -93.371 | -91.936 | 0.0 |
| 77 | 13339 | 13340 | SN | 1 | 57.504 | 58.134 | 0.0 | 0.0 | 288.418 | 3.053 | 1210.92 | 1262.632 | 0.0 | -93.371 | -91.936 | 0.0 |
| 78 | 13339 | 13340 | NS | 1 | 57.296 | 58.249 | 0.0 | 0.0 | 296.288 | 4.072 | 1211.848 | 1264.24 | 0.0 | -95.311 | -92.014 | 0.0 |
| 79 | 13340 | 13341 | SN | 1 | 57.519 | 58.123 | 0.0 | 0.0 | 297.826 | 3.699 | 1210.792 | 1263.008 | 0.0 | -92.983 | -91.936 | 0.0 |
| 80 | 13340 | 13341 | NS | 2 | 57.6 | 58.247 | 0.0 | 0.0 | 294.043 | 3.714 | 1219.496 | 1264.16 | 0.0 | -93.741 | -92.014 | 0.0 |
| 81 | 13340 | 13341 | SN | 1 | 57.519 | 58.123 | 0.0 | 0.0 | 297.826 | 3.134 | 1210.792 | 1262.4 | 0.0 | -92.995 | -91.936 | 0.0 |
| 82 | 13340 | 13341 | NS | 1 | 57.6 | 58.247 | 0.0 | 0.0 | 294.043 | 3.714 | 1219.496 | 1264.16 | 0.0 | -93.741 | -92.014 | 0.0 |
| 83 | 13341 | 13342 | NS | 1 | 57.6 | 58.247 | 0.0 | 0.0 | 293.657 | 3.749 | 1220.312 | 1264.136 | 0.0 | -93.737 | -91.997 | 0.0 |
| 84 | 13341 | 13342 | SN | 1 | 57.501 | 58.125 | 0.0 | 0.0 | 292.411 | 3.682 | 1210.984 | 1263.024 | 0.0 | -93.412 | -91.938 | 0.0 |
| 85 | 13341 | 13342 | NS | 1 | 57.6 | 58.247 | 0.0 | 0.0 | 293.745 | 3.753 | 1220.32 | 1264.128 | 0.0 | -93.737 | -91.997 | 0.0 |
| 86 | 13341 | 13342 | SN | 1 | 57.501 | 58.125 | 0.0 | 0.0 | 292.411 | 3.392 | 1210.984 | 1262.08 | 0.0 | -93.412 | -91.938 | 0.0 |
| 87 | 13342 | 13343 | SN | 1 | 57.19 | 58.126 | 0.0 | 0.003 | 234.718 | 2.565 | 1211.288 | 1261.488 | 0.0 | -94.6 | -91.936 | 0.0 |
| 88 | 13342 | 13343 | NS | 1 | 57.604 | 58.349 | 0.0 | 0.0 | 295.88 | 3.983 | 1219.864 | 1264.52 | 0.0 | -94.836 | -92.016 | 0.0 |
| 89 | 13342 | 13343 | SN | 1 | 57.19 | 58.126 | 0.0 | 0.003 | 278.563 | 3.107 | 1211.288 | 1263.048 | 0.0 | -94.6 | -91.936 | 0.0 |
| 90 | 13342 | 13343 | NS | 1 | 57.604 | 58.349 | 0.0 | 0.0 | 295.88 | 3.987 | 1219.936 | 1264.52 | 0.0 | -94.836 | -92.016 | 0.0 |
| 91 | 13343 | 13344 | SN | 1 | 57.527 | 58.134 | 0.0 | 0.003 | 293.955 | 2.967 | 1211.968 | 1262.736 | 0.0 | -92.84 | -91.901 | 0.0 |
| 92 | 13343 | 13344 | NS | 1 | 57.599 | 58.345 | 0.0 | 0.0 | 297.187 | 4.242 | 1219.352 | 1264.176 | 0.0 | -95.577 | -92.014 | 0.0 |
| 93 | 13343 | 13344 | NS | 2 | 57.599 | 58.345 | 0.0 | 0.0 | 297.192 | 4.242 | 1219.352 | 1264.184 | 0.0 | -95.577 | -92.014 | 0.0 |
| 94 | 13343 | 13344 | SN | 1 | 57.527 | 58.126 | 0.0 | 0.003 | 294.132 | 2.964 | 1211.968 | 1262.752 | 0.0 | -92.828 | -91.901 | 0.0 |
| 95 | 13343 | 13344 | SN | 1 | 57.527 | 58.126 | 0.0 | 0.003 | 244.662 | 2.254 | 1211.968 | 1260.456 | 0.0 | -92.84 | -91.901 | 0.0 |
| 96 | 13344 | 13345 | SN | 1 | 57.531 | 58.127 | 0.0 | 0.0 | 295.775 | 2.178 | 1211.848 | 1259.312 | 0.0 | -92.837 | -91.931 | 0.0 |
| 97 | 13344 | 13345 | SN | 2 | 57.531 | 58.127 | 0.0 | 0.0 | 295.775 | 3.756 | 1211.848 | 1263.416 | 0.0 | -92.837 | -91.931 | 0.0 |
| 98 | 13344 | 13345 | NS | 1 | 57.595 | 58.245 | 0.0 | 0.0 | 294.678 | 3.928 | 1219.736 | 1264.104 | 0.0 | -93.737 | -91.996 | 0.0 |
| 99 | 13344 | 13345 | NS | 2 | 57.595 | 58.245 | 0.0 | 0.0 | 297.413 | 3.924 | 1219.72 | 1264.104 | 0.0 | -93.737 | -91.996 | 0.0 |
| 100 | 13344 | 13345 | SN | 1 | 57.531 | 58.127 | 0.0 | 0.0 | 295.775 | 3.756 | 1211.848 | 1263.416 | 0.0 | -92.837 | -91.931 | 0.0 |
| 101 | 13345 | 13346 | NS | 1 | 57.621 | 58.245 | 0.0 | 0.0 | 294.253 | 3.957 | 1219.184 | 1264.312 | 0.0 | -93.742 | -91.968 | 0.0 |
| 102 | 13345 | 13346 | SN | 1 | 57.509 | 58.132 | 0.0 | 0.0 | 298.339 | 3.694 | 1211.784 | 1263.624 | 0.0 | -93.105 | -91.945 | 0.0 |
| 103 | 13346 | 13347 | SN | 1 | 57.516 | 58.13 | 0.0 | 0.0 | 293.96 | 3.775 | 1211.92 | 1263.552 | 0.0 | -93.435 | -91.944 | 0.0 |
| 104 | 13346 | 13347 | NS | 1 | 57.598 | 58.247 | 0.0 | 0.0 | 294.104 | 3.91 | 1219.56 | 1264.48 | 0.0 | -93.744 | -92.012 | 0.0 |
| 105 | 13346 | 13347 | NS | 1 | 57.598 | 58.247 | 0.0 | 0.0 | 294.104 | 3.906 | 1219.56 | 1264.48 | 0.0 | -93.744 | -92.012 | 0.0 |
| 106 | 13347 | 13348 | NS | 1 | 57.539 | 58.404 | 0.0 | 0.0 | 289.317 | 3.352 | 1219.12 | 1264.416 | 0.0 | -95.629 | -92.011 | 0.0 |
| 107 | 13347 | 13348 | NS | 1 | 57.539 | 58.404 | 0.0 | 0.0 | 289.317 | 3.355 | 1219.464 | 1264.416 | 0.0 | -95.629 | -92.011 | 0.0 |
| 108 | 13347 | 13348 | SN | 1 | 57.511 | 58.358 | 0.0 | 0.0 | 297.523 | 3.996 | 1212.728 | 1264.872 | 0.0 | -95.696 | -91.909 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-----|---------|--------|----------|----------|-----|---------|---------|-----|
| 109 | 13347 | 13348 | NS | 1 | 57.539 | 58.404 | 0.0 | 0.0 | 289.317 | 3.357 | 1219.464 | 1264.416 | 0.0 | -95.629 | -92.011 | 0.0 |
| 110 | 13348 | 13349 | NS | 1 | 57.591 | 58.259 | 0.0 | 0.0 | 296.244 | 3.504 | 1218.896 | 1264.176 | 0.0 | -93.81 | -92.009 | 0.0 |
| 111 | 13348 | 13349 | SN | 1 | 57.541 | 58.144 | 0.0 | 0.0 | 298.61 | 3.729 | 1212.08 | 1263.136 | 0.0 | -93.034 | -91.928 | 0.0 |
| 112 | 13348 | 13349 | NS | 1 | 57.591 | 58.259 | 0.0 | 0.0 | 296.244 | 3.411 | 1218.896 | 1264.176 | 0.0 | -93.81 | -92.009 | 0.0 |
| 113 | 13349 | 13350 | SN | 1 | 57.754 | 58.142 | 0.0 | 0.0 | 292.802 | 13.529 | 1242.288 | 1263.072 | 0.0 | -93.624 | -92.221 | 0.0 |
| 114 | 13349 | 13350 | SN | 2 | 57.754 | 58.142 | 0.0 | 0.0 | 292.802 | 13.529 | 1242.288 | 1263.072 | 0.0 | -93.624 | -92.221 | 0.0 |
| 115 | 13349 | 13350 | NS | 2 | 57.418 | 58.241 | 0.0 | 0.0 | 282.434 | 3.16 | 1212.736 | 1263.928 | 0.0 | -93.986 | -92.006 | 0.0 |
| 116 | 13349 | 13350 | NS | 1 | 57.418 | 58.241 | 0.0 | 0.0 | 282.434 | 3.16 | 1212.736 | 1263.928 | 0.0 | -93.986 | -92.006 | 0.0 |
| 117 | 13350 | 13351 | SN | 1 | 57.51 | 58.128 | 0.0 | 0.0 | 276.45 | 2.305 | 1212.704 | 1259.992 | 0.0 | -93.36 | -91.932 | 0.0 |
| 118 | 13350 | 13351 | NS | 1 | 57.597 | 58.242 | 0.0 | 0.0 | 283.576 | 2.648 | 1218.312 | 1263.824 | 0.0 | -93.715 | -92.001 | 0.0 |
| 119 | 13350 | 13351 | SN | 2 | 57.51 | 58.128 | 0.0 | 0.0 | 288.06 | 3.284 | 1212.704 | 1262.784 | 0.0 | -93.36 | -91.932 | 0.0 |
| 120 | 13350 | 13351 | NS | 1 | 57.597 | 58.242 | 0.0 | 0.0 | 293.293 | 4.23 | 1218.312 | 1263.824 | 0.0 | -93.715 | -92.001 | 0.0 |
| 121 | 13350 | 13351 | SN | 1 | 57.51 | 58.128 | 0.0 | 0.0 | 288.06 | 3.284 | 1212.704 | 1262.784 | 0.0 | -93.36 | -91.932 | 0.0 |
| 122 | 13350 | 13351 | NS | 1 | 57.597 | 58.242 | 0.0 | 0.0 | 293.238 | 4.232 | 1218.312 | 1263.824 | 0.0 | -93.715 | -92.001 | 0.0 |
| 123 | 13351 | 13352 | NS | 1 | 57.6 | 58.243 | 0.0 | 0.0 | 293.988 | 4.441 | 1218.28 | 1263.936 | 0.0 | -93.74 | -91.996 | 0.0 |
| 124 | 13351 | 13352 | NS | 2 | 57.589 | 58.242 | 0.0 | 0.0 | 294.054 | 4.442 | 1218.288 | 1263.92 | 0.0 | -93.74 | -91.997 | 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 | 13322 | 13323 | SN | 1 | -32.821 | 22.0 | 0.002 | -34.84 | 21.242 | 0.0 | -24.396 | 23.246 | 0.068 | -14.296 | 23.068 | 0.048 | 0.086 | 141.866 | 0.802 | 0.086 | 225.747 | 0.592 | 0.086 | 20.443 | 0.016 | 0.086 | 2.056 | 0.007 |
| 2 | 13322 | 13323 | SN | 1 | -32.821 | 22.0 | 0.002 | -34.84 | 21.242 | 0.0 | -24.396 | 23.246 | 0.067 | -14.297 | 23.068 | 0.048 | 0.086 | 141.866 | 0.787 | 0.086 | 225.747 | 0.546 | 0.086 | 20.443 | 0.016 | 0.086 | 2.056 | 0.007 |
| 3 | 13322 | 13323 | SN | 1 | -34.504 | 22.0 | 0.002 | -34.926 | 21.242 | 0.0 | -24.051 | 23.246 | 0.067 | -14.326 | 23.064 | 0.047 | 0.086 | 209.0 | 0.785 | 0.086 | 230.366 | 0.545 | 0.086 | 19.366 | 0.016 | 0.086 | 2.07 | 0.007 |
| 4 | 13323 | 13324 | SN | 1 | -34.847 | 21.046 | 0.0 | -34.894 | 22.26 | 0.001 | -3.708 | 23.178 | 0.073 | -3.38 | 24.059 | 0.12 | 0.086 | 226.211 | 4.98 | 0.086 | 228.641 | 4.486 | 0.086 | 0.244 | 0.0 | 0.086 | 0.232 | 0.0 |
| 5 | 13323 | 13324 | SN | 1 | -34.847 | 21.046 | 0.0 | -34.894 | 22.26 | 0.001 | -3.708 | 23.178 | 0.073 | -3.38 | 24.059 | 0.12 | 0.086 | 226.211 | 5.136 | 0.086 | 228.641 | 4.609 | 0.086 | 0.244 | 0.0 | 0.086 | 0.232 | 0.0 |
| 6 | 13323 | 13324 | NS | 1 | -34.464 | 21.128 | 0.0 | -33.404 | 22.232 | 0.001 | -3.426 | 23.643 | 0.046 | -1.663 | 24.352 | 0.252 | 0.086 | 207.083 | 2.626 | 0.086 | 162.225 | 3.055 | 0.086 | 0.234 | 0.0 | 0.086 | 0.182 | 0.0 |
| 7 | 13324 | 13325 | NS | 1 | -34.659 | 19.952 | 0.0 | -34.991 | 19.127 | 0.0 | -11.284 | 23.716 | 0.083 | -26.099 | 23.936 | 0.269 | 0.086 | 216.564 | 6.119 | 0.086 | 233.761 | 7.0 | 0.086 | 1.061 | 0.002 | 0.086 | 30.227 | 0.053 |
| 8 | 13324 | 13325 | SN | 1 | -33.915 | 20.142 | 0.0 | -34.934 | 20.49 | 0.0 | 2.596 | 23.088 | 0.177 | 2.872 | 23.221 | 0.235 | 0.086 | 182.485 | 2.309 | 0.086 | 230.761 | 1.913 | 0.086 | 0.119 | 0.0 | 0.086 | 0.117 | 0.0 |
| 9 | 13324 | 13325 | SN | 2 | -33.915 | 20.142 | 0.0 | -34.934 | 20.49 | 0.0 | 2.596 | 23.088 | 0.177 | 2.872 | 23.221 | 0.235 | 0.086 | 182.485 | 2.363 | 0.086 | 230.761 | 1.944 | 0.086 | 0.119 | 0.0 | 0.086 | 0.117 | 0.0 |
| 10 | 13324 | 13325 | NS | 1 | -34.838 | 19.954 | 0.0 | -34.917 | 19.127 | 0.0 | -11.284 | 23.713 | 0.082 | -26.099 | 23.936 | 0.269 | 0.086 | 225.716 | 6.111 | 0.086 | 229.831 | 6.994 | 0.086 | 1.061 | 0.002 | 0.086 | 30.227 | 0.053 |
| 11 | 13324 | 13325 | SN | 1 | -33.915 | 20.142 | 0.0 | -34.934 | 20.49 | 0.0 | 2.596 | 23.088 | 0.177 | 2.872 | 23.221 | 0.235 | 0.086 | 182.485 | 2.363 | 0.086 | 230.761 | 1.944 | 0.086 | 0.119 | 0.0 | 0.086 | 0.117 | 0.0 |
| 12 | 13325 | 13326 | NS | 1 | -34.198 | 18.773 | 0.0 | -34.824 | 19.697 | 0.0 | -34.985 | 22.768 | 0.049 | -26.094 | 23.165 | 0.155 | 0.086 | 194.765 | 6.045 | 0.086 | 225.01 | 6.65 | 0.086 | 233.448 | 0.186 | 0.086 | 30.194 | 0.088 |
| 13 | 13325 | 13326 | SN | 2 | -34.991 | 20.94 | 0.0 | -34.742 | 21.682 | 0.0 | 1.126 | 22.579 | 0.069 | 2.587 | 22.631 | 0.125 | 0.086 | 233.831 | 2.35 | 0.086 | 220.76 | 2.31 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 14 | 13325 | 13326 | SN | 1 | -34.991 | 20.94 | 0.0 | -34.742 | 21.682 | 0.0 | 1.126 | 22.579 | 0.069 | 2.587 | 22.631 | 0.125 | 0.086 | 233.831 | 2.375 | 0.086 | 220.76 | 2.325 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 15 | 13325 | 13326 | SN | 1 | -34.991 | 20.94 | 0.0 | -34.742 | 21.682 | 0.0 | 1.126 | 22.579 | 0.069 | 2.587 | 22.631 | 0.125 | 0.086 | 233.831 | 2.35 | 0.086 | 220.76 | 2.31 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 16 | 13325 | 13326 | NS | 1 | -34.902 | 18.773 | 0.0 | -34.824 | 19.697 | 0.0 | -34.985 | 22.771 | 0.051 | -26.094 | 23.165 | 0.155 | 0.086 | 228.985 | 6.052 | 0.086 | 225.01 | 6.646 | 0.086 | 233.448 | 0.186 | 0.086 | 30.194 | 0.088 |
| 17 | 13326 | 13327 | NS | 1 | -34.516 | 19.148 | 0.0 | -34.604 | 17.774 | 0.0 | -26.617 | 23.444 | 0.107 | -30.878 | 23.765 | 0.185 | 0.086 | 209.598 | 2.174 | 0.086 | 213.89 | 2.443 | 0.086 | 34.052 | 0.019 | 0.086 | 90.706 | 0.013 |
| 18 | 13326 | 13327 | NS | 2 | -34.516 | 19.148 | 0.0 | -34.604 | 17.774 | 0.0 | -26.617 | 23.444 | 0.107 | -30.878 | 23.765 | 0.185 | 0.086 | 209.598 | 2.174 | 0.086 | 213.89 | 2.443 | 0.086 | 34.052 | 0.019 | 0.086 | 90.706 | 0.013 |
| 19 | 13326 | 13327 | SN | 1 | -34.374 | 19.353 | 0.0 | -33.862 | 19.65 | 0.0 | -15.839 | 23.12 | 0.386 | -5.13 | 23.216 | 1.123 | 0.086 | 202.8 | 1.272 | 0.086 | 180.295 | 1.173 | 0.086 | 2.905 | 0.006 | 0.086 | 0.31 | 0.0 |
| 20 | 13326 | 13327 | SN | 1 | -34.374 | 19.353 | 0.0 | -33.862 | 19.65 | 0.0 | -15.838 | 23.12 | 0.384 | -5.13 | 23.216 | 1.118 | 0.086 | 202.8 | 1.272 | 0.086 | 180.295 | 1.172 | 0.086 | 2.904 | 0.006 | 0.086 | 0.31 | 0.0 |
| 21 | 13326 | 13327 | SN | 1 | -34.374 | 19.353 | 0.0 | -33.862 | 19.65 | 0.0 | -15.836 | 23.12 | 0.39 | -5.126 | 23.216 | 1.169 | 0.086 | 202.8 | 1.289 | 0.086 | 180.295 | 1.186 | 0.086 | 2.904 | 0.006 | 0.086 | 0.31 | 0.0 |
| 22 | 13327 | 13328 | SN | 1 | -33.41 | 19.324 | 0.0 | -34.137 | 19.55 | 0.0 | 0.118 | 22.52 | 0.086 | 2.811 | 22.454 | 0.07 | 0.086 | 162.488 | 1.7 | 0.086 | 192.108 | 1.345 | 0.086 | 0.147 | 0.0 | 0.086 | 0.117 | 0.0 |
| 23 | 13327 | 13328 | NS | 1 | -34.447 | 19.878 | 0.0 | -34.946 | 18.6 | 0.0 | -11.919 | 22.806 | 0.056 | -17.151 | 23.538 | 0.141 | 0.086 | 206.254 | 4.108 | 0.086 | 231.361 | 4.07 | 0.086 | 1.217 | 0.004 | 0.086 | 3.907 | 0.018 |
| 24 | 13327 | 13328 | NS | 2 | -34.447 | 19.881 | 0.0 | -34.946 | 18.6 | 0.0 | -11.919 | 22.806 | 0.056 | -17.151 | 23.538 | 0.141 | 0.086 | 206.254 | 4.107 | 0.086 | 231.361 | 4.069 | 0.086 | 1.217 | 0.004 | 0.086 | 3.907 | 0.018 |
| 25 | 13327 | 13328 | SN | 1 | -33.41 | 19.324 | 0.0 | -34.137 | 19.55 | 0.0 | 0.118 | 22.52 | 0.086 | 2.811 | 22.454 | 0.07 | 0.086 | 162.488 | 1.701 | 0.086 | 192.108 | 1.345 | 0.086 | 0.147 | 0.0 | 0.086 | 0.117 | 0.0 |
| 26 | 13327 | 13328 | SN | 1 | -33.41 | 19.324 | 0.0 | -34.137 | 19.55 | 0.0 | 0.118 | 22.52 | 0.087 | 2.811 | 22.454 | 0.07 | 0.086 | 162.488 | 1.709 | 0.086 | 192.108 | 1.351 | 0.086 | 0.147 | 0.0 | 0.086 | 0.117 | 0.0 |
| 27 | 13328 | 13329 | SN | 1 | -34.877 | 17.709 | 0.0 | -34.445 | 18.058 | 0.0 | -28.534 | 23.638 | 0.539 | -28.041 | 23.932 | 0.781 | 0.086 | 227.746 | 2.374 | 0.086 | 206.201 | 2.197 | 0.086 | 52.901 | 0.002 | 0.086 | 47.238 | 0.006 |
| 28 | 13328 | 13329 | SN | 1 | -34.877 | 17.709 | 0.0 | -34.445 | 18.058 | 0.0 | -28.534 | 23.638 | 0.585 | -28.041 | 23.932 | 0.783 | 0.086 | 227.746 | 2.459 | 0.086 | 206.201 | 2.344 | 0.086 | 52.901 | 0.003 | 0.086 | 47.238 | 0.006 |
| 29 | 13328 | 13329 | NS | 2 | -34.792 | 21.409 | 0.0 | -34.97 | 21.186 | 0.0 | -26.139 | 22.85 | 0.186 | -22.58 | 23.589 | 0.511 | 0.086 | 223.272 | 2.19 | 0.086 | 232.637 | 2.057 | 0.086 | 30.512 | 0.24 | 0.086 | 13.479 | 0.044 |
| 30 | 13328 | 13329 | NS | 1 | -34.792 | 21.409 | 0.0 | -34.97 | 21.186 | 0.0 | -26.139 | 22.85 | 0.187 | -22.58 | 23.589 | 0.511 | 0.086 | 223.272 | 2.19 | 0.086 | 232.637 | 2.057 | 0.086 | 30.512 | 0.24 | 0.086 | 13.479 | 0.044 |
| 31 | 13329 | 13330 | SN | 1 | -34.659 | 20.342 | 0.0 | -34.151 | 23.096 | 0.006 | -10.323 | 24.152 | 1.013 | -6.861 | 25.84 | 1.496 | 0.086 | 216.577 | 3.103 | 0.086 | 192.674 | 2.673 | 0.086 | 0.863 | 0.0 | 0.086 | 0.427 | 0.0 |
| 32 | 13329 | 13330 | NS | 1 | -34.467 | 21.122 | 0.0 | -33.18 | 22.376 | 0.002 | -12.399 | 22.531 | 0.03 | -19.637 | 23.423 | 0.542 | 0.086 | 207.236 | 0.774 | 0.086 | 154.057 | 0.968 | 0.086 | 1.351 | 0.003 | 0.086 | 6.877 | 0.003 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 33 | 13329 | 13330 | SN | 1 | -34.775 | 20.342 | 0.0 | -34.557 | 23.096 | 0.006 | -10.323 | 24.152 | 1.013 | -6.862 | 25.841 | 1.496 | 0.086 | 222.422 | 3.109 | 0.086 | 211.521 | 2.679 | 0.086 | 0.863 | 0.0 | 0.086 | 0.427 | 0.0 |
| 34 | 13329 | 13330 | SN | 1 | -34.775 | 20.342 | 0.0 | -34.557 | 23.096 | 0.007 | -10.323 | 24.152 | 1.092 | -6.913 | 25.841 | 1.497 | 0.086 | 222.422 | 3.276 | 0.086 | 211.521 | 3.083 | 0.086 | 0.863 | 0.0 | 0.086 | 0.431 | 0.0 |
| 35 | 13330 | 13331 | SN | 1 | -34.611 | 20.314 | 0.0 | -32.49 | 20.585 | 0.0 | -22.669 | 24.011 | 0.548 | -19.104 | 24.38 | 0.582 | 0.086 | 214.18 | 3.411 | 0.086 | 131.459 | 2.692 | 0.086 | 13.756 | 0.074 | 0.086 | 6.089 | 0.005 |
| 36 | 13330 | 13331 | SN | 1 | -34.611 | 20.314 | 0.0 | -32.49 | 20.585 | 0.0 | -22.669 | 24.011 | 0.548 | -19.104 | 24.38 | 0.582 | 0.086 | 214.18 | 3.411 | 0.086 | 131.459 | 2.692 | 0.086 | 13.756 | 0.074 | 0.086 | 6.089 | 0.005 |
| 37 | 13330 | 13331 | NS | 1 | -34.71 | 22.392 | 0.003 | -34.943 | 19.957 | 0.0 | -26.292 | 22.777 | 0.062 | -6.047 | 24.228 | 1.26 | 0.086 | 219.111 | 1.691 | 0.086 | 231.218 | 1.633 | 0.086 | 31.598 | 0.022 | 0.086 | 0.366 | 0.0 |
| 38 | 13330 | 13331 | NS | 1 | -34.858 | 22.392 | 0.003 | -34.943 | 19.957 | 0.0 | -26.102 | 22.778 | 0.063 | -6.045 | 24.229 | 1.264 | 0.086 | 226.759 | 1.696 | 0.086 | 231.218 | 1.633 | 0.086 | 30.256 | 0.023 | 0.086 | 0.366 | 0.0 |
| 39 | 13331 | 13332 | SN | 1 | -34.871 | 21.381 | 0.0 | -34.821 | 22.18 | 0.001 | -10.765 | 23.574 | 0.506 | -3.816 | 23.304 | 0.225 | 0.086 | 227.386 | 6.676 | 0.086 | 224.842 | 5.183 | 0.086 | 0.949 | 0.0 | 0.086 | 0.249 | 0.0 |
| 40 | 13331 | 13332 | NS | 1 | -34.691 | 21.502 | 0.0 | -34.682 | 20.691 | 0.0 | -23.884 | 23.029 | 0.092 | -29.202 | 24.489 | 2.393 | 0.086 | 218.219 | 1.697 | 0.086 | 223.268 | 1.602 | 0.086 | 18.174 | 0.037 | 0.086 | 61.693 | 0.011 |
| 41 | 13331 | 13332 | NS | 1 | -34.461 | 21.502 | 0.0 | -34.184 | 20.691 | 0.0 | -23.763 | 23.029 | 0.092 | -29.202 | 24.489 | 2.405 | 0.086 | 206.927 | 1.7 | 0.086 | 194.106 | 1.6 | 0.086 | 17.679 | 0.037 | 0.086 | 61.693 | 0.011 |
| 42 | 13332 | 13333 | SN | 1 | -34.998 | 21.34 | 0.0 | -34.105 | 22.327 | 0.001 | -27.082 | 23.624 | 0.526 | -27.343 | 23.983 | 0.215 | 0.086 | 234.162 | 4.285 | 0.086 | 190.676 | 3.807 | 0.086 | 37.886 | 0.142 | 0.086 | 40.235 | 0.046 |
| 43 | 13332 | 13333 | NS | 1 | -34.702 | 19.403 | 0.0 | -34.334 | 21.482 | 0.0 | 1.178 | 22.529 | 0.066 | 1.083 | 24.31 | 1.981 | 0.086 | 218.77 | 1.544 | 0.086 | 200.94 | 1.745 | 0.086 | 0.133 | 0.0 | 0.086 | 0.134 | 0.0 |
| 44 | 13332 | 13333 | NS | 1 | -34.026 | 19.403 | 0.0 | -34.736 | 21.482 | 0.0 | 1.176 | 22.528 | 0.065 | 1.082 | 24.31 | 1.972 | 0.086 | 187.226 | 1.543 | 0.086 | 220.423 | 1.746 | 0.086 | 0.133 | 0.0 | 0.086 | 0.134 | 0.0 |
| 45 | 13332 | 13333 | SN | 2 | -34.902 | 21.34 | 0.0 | -34.08 | 22.327 | 0.001 | -27.082 | 23.624 | 0.526 | -27.343 | 23.983 | 0.215 | 0.086 | 229.026 | 4.285 | 0.086 | 189.544 | 3.807 | 0.086 | 37.886 | 0.142 | 0.086 | 40.235 | 0.046 |
| 46 | 13333 | 13334 | NS | 2 | -34.894 | 24.311 | 0.01 | -34.49 | 18.829 | 0.0 | 7.203 | 23.374 | 0.419 | -1.505 | 23.699 | 2.32 | 0.086 | 228.581 | 3.242 | 0.086 | 208.326 | 3.253 | 0.086 | 0.097 | 0.0 | 0.086 | 0.178 | 0.0 |
| 47 | 13333 | 13334 | NS | 1 | -34.894 | 24.308 | 0.01 | -34.86 | 18.829 | 0.0 | 7.202 | 23.372 | 0.416 | -1.554 | 23.699 | 2.425 | 0.086 | 228.581 | 3.245 | 0.086 | 226.834 | 3.254 | 0.086 | 0.097 | 0.0 | 0.086 | 0.179 | 0.0 |
| 48 | 13333 | 13334 | NS | 1 | -34.894 | 24.311 | 0.01 | -34.49 | 18.829 | 0.0 | 7.203 | 23.374 | 0.419 | -1.505 | 23.699 | 2.32 | 0.086 | 228.581 | 3.242 | 0.086 | 208.326 | 3.253 | 0.086 | 0.097 | 0.0 | 0.086 | 0.178 | 0.0 |
| 49 | 13333 | 13334 | SN | 1 | -34.066 | 19.794 | 0.0 | -34.382 | 19.831 | 0.0 | -32.983 | 23.866 | 0.421 | -29.687 | 23.628 | 0.236 | 0.086 | 188.948 | 1.522 | 0.086 | 203.198 | 1.298 | 0.086 | 147.274 | 0.111 | 0.086 | 68.964 | 0.107 |
| 50 | 13333 | 13334 | SN | 1 | -34.966 | 19.794 | 0.0 | -34.199 | 19.831 | 0.0 | -33.518 | 23.866 | 0.421 | -29.691 | 23.628 | 0.236 | 0.086 | 232.454 | 1.523 | 0.086 | 194.855 | 1.301 | 0.086 | 166.603 | 0.111 | 0.086 | 69.04 | 0.107 |
| 51 | 13334 | 13335 | NS | 1 | -34.62 | 18.662 | 0.0 | -34.948 | 21.394 | 0.0 | -20.842 | 22.238 | 0.029 | 4.315 | 23.983 | 3.413 | 0.086 | 214.66 | 1.906 | 0.086 | 231.449 | 1.821 | 0.086 | 9.057 | 0.058 | 0.086 | 0.108 | 0.0 |
| 52 | 13334 | 13335 | SN | 1 | -34.809 | 20.079 | 0.0 | -33.449 | 19.841 | 0.0 | -25.48 | 23.703 | 0.738 | -23.619 | 23.479 | 0.519 | 0.086 | 224.168 | 1.798 | 0.086 | 163.912 | 1.676 | 0.086 | 26.219 | 0.045 | 0.086 | 17.105 | 0.041 |
| 53 | 13334 | 13335 | NS | 2 | -34.71 | 18.663 | 0.0 | -34.948 | 21.394 | 0.0 | -20.785 | 22.676 | 0.068 | 4.32 | 23.982 | 2.482 | 0.086 | 219.152 | 1.9 | 0.086 | 231.449 | 1.822 | 0.086 | 8.938 | 0.037 | 0.086 | 0.108 | 0.0 |
| 54 | 13334 | 13335 | NS | 1 | -34.62 | 18.662 | 0.0 | -34.948 | 21.394 | 0.0 | -20.842 | 22.676 | 0.068 | 4.32 | 23.982 | 2.482 | 0.086 | 214.66 | 1.901 | 0.086 | 231.449 | 1.821 | 0.086 | 9.057 | 0.037 | 0.086 | 0.108 | 0.0 |
| 55 | 13335 | 13336 | SN | 1 | -34.356 | 18.208 | 0.0 | -34.034 | 19.019 | 0.0 | 3.218 | 23.911 | 0.733 | 3.558 | 23.422 | 0.877 | 0.086 | 201.938 | 1.479 | 0.086 | 187.53 | 1.427 | 0.086 | 0.114 | 0.0 | 0.086 | 0.112 | 0.0 |
| 56 | 13335 | 13336 | SN | 2 | -34.356 | 18.208 | 0.0 | -34.034 | 19.019 | 0.0 | 3.218 | 23.911 | 0.733 | 3.558 | 23.422 | 0.877 | 0.086 | 201.938 | 1.479 | 0.086 | 187.53 | 1.427 | 0.086 | 0.114 | 0.0 | 0.086 | 0.112 | 0.0 |
| 57 | 13335 | 13336 | NS | 1 | -34.34 | 21.089 | 0.0 | -34.603 | 20.156 | 0.0 | 3.031 | 23.321 | 1.149 | 3.654 | 24.364 | 2.856 | 0.086 | 201.272 | 1.916 | 0.086 | 213.788 | 1.648 | 0.086 | 0.116 | 0.0 | 0.086 | 0.111 | 0.0 |
| 58 | 13335 | 13336 | NS | 1 | -34.34 | 21.089 | 0.0 | -34.603 | 20.156 | 0.0 | 3.031 | 23.321 | 1.149 | 3.654 | 24.364 | 2.856 | 0.086 | 201.272 | 1.916 | 0.086 | 213.788 | 1.648 | 0.086 | 0.116 | 0.0 | 0.086 | 0.111 | 0.0 |
| 59 | 13335 | 13336 | NS | 1 | -34.34 | 21.089 | 0.0 | -34.603 | 20.156 | 0.0 | 4.661 | 22.395 | 0.021 | 3.987 | 24.107 | 1.13 | 0.086 | 201.272 | 1.917 | 0.086 | 213.788 | 1.648 | 0.086 | 0.106 | 0.0 | 0.086 | 0.109 | 0.0 |
| 60 | 13336 | 13337 | NS | 1 | -34.222 | 18.677 | 0.0 | -34.957 | 20.976 | 0.0 | 2.319 | 20.729 | 0.0 | 0.935 | 21.357 | 0.0 | 0.086 | 195.904 | 1.468 | 0.086 | 231.936 | 1.601 | 0.086 | 0.121 | 0.0 | 0.086 | 0.136 | 0.0 |
| 61 | 13336 | 13337 | SN | 2 | -34.793 | 18.261 | 0.0 | -32.382 | 18.832 | 0.0 | 2.593 | 23.191 | 0.087 | 4.556 | 23.696 | 0.173 | 0.086 | 223.421 | 1.833 | 0.086 | 128.224 | 1.773 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 62 | 13336 | 13337 | SN | 1 | -34.793 | 18.261 | 0.0 | -32.382 | 18.832 | 0.0 | 2.593 | 23.191 | 0.087 | 4.556 | 23.696 | 0.173 | 0.086 | 223.421 | 1.833 | 0.086 | 128.224 | 1.773 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 63 | 13336 | 13337 | NS | 1 | -33.879 | 20.192 | 0.0 | -34.922 | 20.976 | 0.0 | 2.319 | 24.254 | 0.958 | 0.919 | 24.07 | 2.118 | 0.086 | 180.999 | 1.417 | 0.086 | 230.085 | 1.603 | 0.086 | 0.121 | 0.0 | 0.086 | 0.136 | 0.0 |
| 64 | 13336 | 13337 | NS | 1 | -34.222 | 20.198 | 0.0 | -34.957 | 20.976 | 0.0 | 2.319 | 24.251 | 0.952 | 0.922 | 24.07 | 2.118 | 0.086 | 195.904 | 1.416 | 0.086 | 231.936 | 1.605 | 0.086 | 0.121 | 0.0 | 0.086 | 0.136 | 0.0 |
| 65 | 13336 | 13337 | SN | 1 | -34.793 | 18.261 | 0.0 | -32.382 | 18.541 | 0.0 | 2.593 | 23.191 | 0.081 | 4.556 | 23.696 | 0.164 | 0.086 | 223.421 | 1.874 | 0.086 | 128.224 | 1.942 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 66 | 13337 | 13338 | SN | 1 | -34.19 | 21.088 | 0.0 | -34.219 | 21.434 | 0.0 | -29.365 | 22.972 | 0.082 | -25.658 | 23.28 | 0.093 | 0.086 | 194.413 | 2.939 | 0.086 | 195.724 | 2.331 | 0.086 | 64.048 | 0.034 | 0.086 | 27.316 | 0.035 |
| 67 | 13337 | 13338 | SN | 1 | -34.19 | 21.088 | 0.0 | -34.219 | 21.434 | 0.0 | -29.116 | 22.972 | 0.082 | -25.658 | 23.28 | 0.093 | 0.086 | 194.413 | 2.94 | 0.086 | 195.724 | 2.331 | 0.086 | 60.493 | 0.034 | 0.086 | 27.316 | 0.036 |
| 68 | 13337 | 13338 | NS | 1 | -34.892 | 21.875 | 0.0 | -34.54 | 21.368 | 0.0 | -0.509 | 23.728 | 0.149 | -0.077 | 25.466 | 0.455 | 0.086 | 228.5 | 2.767 | 0.086 | 210.706 | 2.74 | 0.086 | 0.158 | 0.0 | 0.086 | 0.15 | 0.0 |
| 69 | 13337 | 13338 | SN | 1 | -34.19 | 21.088 | 0.0 | -34.219 | 21.434 | 0.0 | -29.116 | 22.972 | 0.082 | -31.665 | 23.28 | 0.093 | 0.086 | 194.413 | 3.073 | 0.086 | 195.724 | 2.472 | 0.086 | 60.493 | 0.034 | 0.086 | 108.75 | 0.037 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 13338 | 13339 | NS | 1 | -34.608 | 21.078 | 0.0 | -34.919 | 21.609 | 0.0 | -11.26 | 23.447 | 0.078 | -10.216 | 23.88 | 0.264 | 0.086 | 214.021 | 5.083 | 0.086 | 229.888 | 5.031 | 0.086 | 1.055 | 0.002 | 0.086 | 0.844 | 0.0 |
| 71 | 13338 | 13339 | SN | 1 | -33.726 | 20.694 | 0.0 | -34.823 | 21.456 | 0.0 | 2.862 | 23.187 | 0.079 | 2.961 | 23.611 | 0.091 | 0.086 | 174.726 | 2.778 | 0.086 | 224.926 | 2.495 | 0.086 | 0.117 | 0.0 | 0.086 | 0.116 | 0.0 |
| 72 | 13338 | 13339 | SN | 1 | -33.726 | 20.694 | 0.0 | -34.823 | 21.456 | 0.0 | 2.862 | 23.187 | 0.079 | 2.961 | 23.611 | 0.091 | 0.086 | 174.726 | 2.779 | 0.086 | 224.926 | 2.495 | 0.086 | 0.117 | 0.0 | 0.086 | 0.116 | 0.0 |
| 73 | 13338 | 13339 | NS | 2 | -34.925 | 21.078 | 0.0 | -34.663 | 21.609 | 0.0 | -11.26 | 23.447 | 0.078 | -10.216 | 23.88 | 0.264 | 0.086 | 230.246 | 5.082 | 0.086 | 216.823 | 5.028 | 0.086 | 1.055 | 0.002 | 0.086 | 0.844 | 0.0 |
| 74 | 13338 | 13339 | SN | 1 | -33.726 | 20.694 | 0.0 | -34.823 | 21.456 | 0.0 | 2.862 | 23.187 | 0.079 | 2.961 | 23.611 | 0.091 | 0.086 | 174.726 | 2.745 | 0.086 | 224.926 | 2.47 | 0.086 | 0.117 | 0.0 | 0.086 | 0.116 | 0.0 |
| 75 | 13339 | 13340 | SN | 1 | -34.642 | 21.159 | 0.0 | -34.939 | 21.757 | 0.0 | 2.047 | 22.368 | 0.054 | 2.734 | 22.885 | 0.105 | 0.086 | 215.732 | 3.233 | 0.086 | 230.98 | 3.222 | 0.086 | 0.124 | 0.0 | 0.086 | 0.118 | 0.0 |
| 76 | 13339 | 13340 | SN | 1 | -34.642 | 21.159 | 0.0 | -34.939 | 21.757 | 0.0 | 2.047 | 22.368 | 0.054 | 2.734 | 22.885 | 0.105 | 0.086 | 215.732 | 3.232 | 0.086 | 230.98 | 3.221 | 0.086 | 0.124 | 0.0 | 0.086 | 0.118 | 0.0 |
| 77 | 13339 | 13340 | SN | 1 | -34.793 | 21.159 | 0.0 | -34.832 | 21.756 | 0.0 | 2.045 | 22.368 | 0.054 | 2.732 | 22.885 | 0.105 | 0.086 | 223.37 | 3.227 | 0.086 | 225.368 | 3.223 | 0.086 | 0.124 | 0.0 | 0.086 | 0.118 | 0.0 |
| 78 | 13339 | 13340 | NS | 1 | -34.869 | 19.312 | 0.0 | -34.962 | 18.693 | 0.0 | -15.634 | 22.805 | 0.056 | -29.928 | 23.247 | 0.189 | 0.086 | 227.322 | 7.09 | 0.086 | 232.24 | 7.967 | 0.086 | 2.774 | 0.002 | 0.086 | 72.896 | 0.036 |
| 79 | 13340 | 13341 | SN | 1 | -34.445 | 18.666 | 0.0 | -34.97 | 20.121 | 0.0 | 0.956 | 22.73 | 0.427 | 1.244 | 22.944 | 0.555 | 0.086 | 210.751 | 1.358 | 0.086 | 232.622 | 1.259 | 0.086 | 0.136 | 0.0 | 0.086 | 0.132 | 0.0 |
| 80 | 13340 | 13341 | NS | 2 | -34.834 | 19.095 | 0.0 | -34.767 | 20.442 | 0.0 | -12.496 | 23.228 | 0.07 | -28.724 | 22.984 | 0.131 | 0.086 | 225.463 | 4.287 | 0.086 | 222.039 | 4.458 | 0.086 | 1.381 | 0.007 | 0.086 | 55.279 | 0.062 |
| 81 | 13340 | 13341 | SN | 1 | -34.445 | 18.666 | 0.0 | -34.97 | 20.121 | 0.0 | 0.956 | 22.73 | 0.427 | 1.244 | 22.944 | 0.576 | 0.086 | 206.189 | 1.391 | 0.086 | 232.622 | 1.281 | 0.086 | 0.136 | 0.0 | 0.086 | 0.132 | 0.0 |
| 82 | 13340 | 13341 | NS | 1 | -34.834 | 19.095 | 0.0 | -34.767 | 20.442 | 0.0 | -12.496 | 23.228 | 0.07 | -28.724 | 22.984 | 0.131 | 0.086 | 225.463 | 4.287 | 0.086 | 222.039 | 4.458 | 0.086 | 1.381 | 0.007 | 0.086 | 55.279 | 0.062 |
| 83 | 13341 | 13342 | NS | 1 | -34.356 | 17.124 | 0.0 | -34.97 | 17.26 | 0.0 | -17.484 | 22.905 | 0.047 | -20.072 | 23.461 | 0.119 | 0.087 | 202.002 | 2.344 | 0.087 | 232.648 | 2.313 | 0.086 | 4.214 | 0.008 | 0.086 | 7.595 | 0.004 |
| 84 | 13341 | 13342 | SN | 1 | -33.86 | 19.428 | 0.0 | -34.718 | 19.913 | 0.0 | 0.701 | 22.904 | 0.158 | 2.735 | 22.972 | 0.698 | 0.086 | 180.24 | 1.422 | 0.086 | 219.491 | 1.349 | 0.086 | 0.139 | 0.0 | 0.086 | 0.118 | 0.0 |
| 85 | 13341 | 13342 | NS | 1 | -33.14 | 17.126 | 0.0 | -33.969 | 17.262 | 0.0 | -17.481 | 22.905 | 0.047 | -20.072 | 23.462 | 0.118 | 0.087 | 152.675 | 2.345 | 0.087 | 184.782 | 2.314 | 0.086 | 4.211 | 0.008 | 0.086 | 7.595 | 0.004 |
| 86 | 13341 | 13342 | SN | 1 | -33.86 | 19.428 | 0.0 | -34.718 | 19.913 | 0.0 | 0.701 | 22.904 | 0.164 | 2.735 | 22.972 | 0.737 | 0.086 | 180.24 | 1.451 | 0.086 | 219.491 | 1.38 | 0.086 | 0.139 | 0.0 | 0.086 | 0.118 | 0.0 |
| 87 | 13342 | 13343 | SN | 1 | -34.909 | 19.064 | 0.0 | -34.923 | 19.004 | 0.0 | 0.217 | 23.001 | 0.097 | 7.746 | 22.158 | 0.033 | 0.086 | 229.468 | 2.817 | 0.086 | 230.146 | 2.497 | 0.086 | 0.146 | 0.0 | 0.086 | 0.095 | 0.0 |
| 88 | 13342 | 13343 | NS | 1 | -34.538 | 19.318 | 0.0 | -34.693 | 19.607 | 0.0 | -24.056 | 23.064 | 0.06 | -25.808 | 23.502 | 0.326 | 0.086 | 210.628 | 1.316 | 0.086 | 218.295 | 1.298 | 0.086 | 18.904 | 0.085 | 0.086 | 28.273 | 0.031 |
| 89 | 13342 | 13343 | SN | 1 | -34.909 | 19.064 | 0.0 | -34.923 | 19.004 | 0.0 | 0.217 | 23.001 | 0.087 | 7.746 | 22.158 | 0.032 | 0.086 | 229.468 | 2.743 | 0.086 | 230.146 | 2.391 | 0.086 | 0.146 | 0.0 | 0.086 | 0.095 | 0.0 |
| 90 | 13342 | 13343 | NS | 1 | -34.646 | 19.318 | 0.0 | -34.561 | 19.607 | 0.0 | -23.715 | 23.064 | 0.06 | -25.808 | 23.501 | 0.326 | 0.086 | 215.947 | 1.312 | 0.086 | 211.779 | 1.297 | 0.086 | 17.489 | 0.085 | 0.086 | 28.273 | 0.031 |
| 91 | 13343 | 13344 | SN | 1 | -33.41 | 17.732 | 0.0 | -33.843 | 17.919 | 0.0 | 0.341 | 23.676 | 0.744 | -0.292 | 25.311 | 1.021 | 0.086 | 162.453 | 1.087 | 0.086 | 179.539 | 0.917 | 0.086 | 0.144 | 0.0 | 0.086 | 0.154 | 0.0 |
| 92 | 13343 | 13344 | NS | 1 | -34.909 | 20.678 | 0.0 | -33.633 | 21.547 | 0.0 | 2.785 | 22.887 | 0.104 | -15.114 | 23.382 | 0.77 | 0.086 | 229.417 | 2.017 | 0.086 | 171.052 | 1.989 | 0.086 | 0.118 | 0.0 | 0.086 | 2.469 | 0.015 |
| 93 | 13343 | 13344 | NS | 2 | -34.849 | 20.678 | 0.0 | -33.686 | 21.547 | 0.0 | 2.785 | 22.887 | 0.104 | -15.129 | 23.382 | 0.77 | 0.086 | 226.25 | 2.016 | 0.086 | 173.111 | 1.99 | 0.086 | 0.118 | 0.0 | 0.086 | 2.477 | 0.01 |
| 94 | 13343 | 13344 | SN | 1 | -33.41 | 17.732 | 0.0 | -33.843 | 17.919 | 0.0 | 0.342 | 23.676 | 0.742 | -0.292 | 25.311 | 1.018 | 0.086 | 162.453 | 1.085 | 0.086 | 179.539 | 0.917 | 0.086 | 0.144 | 0.0 | 0.086 | 0.154 | 0.0 |
| 95 | 13343 | 13344 | SN | 1 | -33.41 | 17.732 | 0.0 | -33.843 | 17.919 | 0.0 | 0.341 | 23.676 | 0.802 | -0.292 | 25.311 | 1.025 | 0.086 | 162.453 | 1.133 | 0.086 | 179.539 | 1.007 | 0.086 | 0.144 | 0.0 | 0.086 | 0.154 | 0.0 |
| 96 | 13344 | 13345 | SN | 1 | -34.894 | 20.278 | 0.0 | -34.406 | 20.634 | 0.0 | -10.867 | 23.542 | 0.678 | -19.911 | 24.205 | 0.93 | 0.086 | 228.617 | 3.014 | 0.086 | 204.37 | 2.352 | 0.086 | 0.97 | 0.0 | 0.086 | 7.32 | 0.005 |
| 97 | 13344 | 13345 | SN | 2 | -34.894 | 20.278 | 0.0 | -34.406 | 20.634 | 0.0 | -10.867 | 23.542 | 0.619 | -19.911 | 24.205 | 0.946 | 0.086 | 228.617 | 2.778 | 0.086 | 204.37 | 1.981 | 0.086 | 0.97 | 0.0 | 0.086 | 7.32 | 0.005 |
| 98 | 13344 | 13345 | NS | 1 | -33.828 | 21.12 | 0.0 | -34.427 | 21.798 | 0.0 | -5.198 | 23.273 | 0.111 | -14.74 | 23.991 | 0.858 | 0.086 | 178.895 | 1.013 | 0.086 | 205.317 | 0.972 | 0.086 | 0.314 | 0.0 | 0.086 | 2.27 | 0.002 |
| 99 | 13344 | 13345 | NS | 2 | -34.19 | 21.12 | 0.0 | -34.266 | 21.798 | 0.0 | -5.198 | 23.273 | 0.108 | -14.76 | 23.991 | 0.858 | 0.086 | 194.389 | 1.013 | 0.086 | 197.821 | 0.973 | 0.086 | 0.314 | 0.0 | 0.086 | 2.28 | 0.002 |
| 100 | 13344 | 13345 | SN | 1 | -34.894 | 20.278 | 0.0 | -34.406 | 20.634 | 0.0 | -10.867 | 23.542 | 0.619 | -19.911 | 24.205 | 0.946 | 0.086 | 228.617 | 2.778 | 0.086 | 204.37 | 1.981 | 0.086 | 0.97 | 0.0 | 0.086 | 7.32 | 0.005 |
| 101 | 13345 | 13346 | NS | 1 | -33.296 | 21.457 | 0.0 | -34.076 | 21.296 | 0.0 | -23.378 | 22.741 | 0.035 | -28.658 | 24.219 | 2.266 | 0.086 | 158.268 | 1.093 | 0.086 | 189.365 | 0.993 | 0.086 | 16.186 | 0.095 | 0.086 | 54.441 | 0.052 |
| 102 | 13345 | 13346 | SN | 1 | -34.939 | 20.082 | 0.0 | -34.462 | 20.959 | 0.0 | -21.186 | 23.32 | 0.493 | -7.071 | 24.171 | 0.504 | 0.086 | 230.973 | 6.541 | 0.086 | 207.011 | 5.687 | 0.086 | 9.794 | 0.035 | 0.086 | 0.445 | 0.0 |
| 103 | 13346 | 13347 | SN | 1 | -34.948 | 21.674 | 0.0 | -34.96 | 22.174 | 0.002 | -27.286 | 23.854 | 0.613 | -28.409 | 24.104 | 0.27 | 0.086 | 231.467 | 8.717 | 0.086 | 232.132 | 7.563 | 0.086 | 39.712 | 0.083 | 0.086 | 51.409 | 0.133 |
| 104 | 13346 | 13347 | NS | 1 | -33.792 | 21.211 | 0.0 | -34.182 | 20.583 | 0.0 | -28.25 | 22.387 | 0.024 | -28.635 | 24.011 | 2.144 | 0.086 | 177.444 | 1.514 | 0.086 | 194.04 | 1.354 | 0.086 | 49.551 | 0.09 | 0.086 | 54.148 | 0.119 |
| 105 | 13346 | 13347 | NS | 1 | -33.749 | 21.211 | 0.0 | -34.182 | 20.583 | 0.0 | -28.25 | 22.387 | 0.024 | -28.635 | 24.011 | 2.142 | 0.086 | 175.661 | 1.512 | 0.086 | 194.04 | 1.351 | 0.086 | 49.551 | 0.09 | 0.086 | 54.148 | 0.119 |
| 106 | 13347 | 13348 | NS | 1 | -34.67 | 18.048 | 0.0 | -34.875 | 18.779 | 0.0 | 1.532 | 22.58 | 0.091 | 1.529 | 24.246 | 2.537 | 0.086 | 217.122 | 2.451 | 0.086 | 227.661 | 2.44 | 0.086 | 0.129 | 0.0 | 0.086 | 0.129 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 107 | 13347 | 13348 | NS | 1 | -34.499 | 18.049 | 0.0 | -34.776 | 18.779 | 0.0 | 1.54 | 22.58 | 0.091 | 1.524 | 24.245 | 2.558 | 0.086 | 208.779 | 2.438 | 0.086 | 228.18 | 2.432 | 0.086 | 0.129 | 0.0 | 0.086 | 0.129 | 0.0 |
| 108 | 13347 | 13348 | SN | 1 | -34.718 | 21.355 | 0.0 | -34.953 | 21.825 | 0.0 | -21.364 | 23.68 | 0.416 | -23.771 | 24.451 | 0.184 | 0.086 | 219.551 | 3.927 | 0.086 | 231.736 | 3.429 | 0.086 | 10.203 | 0.018 | 0.086 | 17.709 | 0.009 |
| 109 | 13347 | 13348 | NS | 1 | -34.294 | 18.049 | 0.0 | -34.776 | 18.779 | 0.0 | 1.535 | 22.58 | 0.088 | 1.53 | 24.246 | 2.547 | 0.086 | 199.08 | 2.439 | 0.086 | 228.18 | 2.432 | 0.086 | 0.129 | 0.0 | 0.086 | 0.129 | 0.0 |
| 110 | 13348 | 13349 | NS | 1 | -34.945 | 19.902 | 0.0 | -34.807 | 18.51 | 0.0 | 6.62 | 22.517 | 0.056 | 6.228 | 23.863 | 2.666 | 0.086 | 231.314 | 2.408 | 0.086 | 224.134 | 2.361 | 0.086 | 0.098 | 0.0 | 0.086 | 0.099 | 0.0 |
| 111 | 13348 | 13349 | SN | 1 | -34.683 | 19.428 | 0.0 | -34.786 | 19.356 | 0.0 | -15.227 | 23.802 | 0.561 | -11.823 | 23.744 | 0.345 | 0.086 | 217.808 | 2.417 | 0.086 | 223.017 | 2.027 | 0.086 | 2.532 | 0.006 | 0.086 | 1.192 | 0.003 |
| 112 | 13348 | 13349 | NS | 1 | -34.945 | 19.902 | 0.0 | -34.807 | 18.51 | 0.0 | 6.587 | 22.517 | 0.05 | 6.222 | 23.888 | 3.009 | 0.086 | 231.314 | 2.416 | 0.086 | 224.134 | 2.361 | 0.086 | 0.098 | 0.0 | 0.086 | 0.1 | 0.0 |
| 113 | 13349 | 13350 | SN | 1 | -34.232 | 17.676 | 0.0 | -34.618 | 19.223 | 0.0 | 7.978 | 22.593 | 0.255 | 8.467 | 22.891 | 1.969 | 0.086 | 196.307 | 3.338 | 0.086 | 214.572 | 2.23 | 0.086 | 0.095 | 0.0 | 0.086 | 0.094 | 0.0 |
| 114 | 13349 | 13350 | SN | 2 | -34.232 | 17.676 | 0.0 | -34.618 | 19.223 | 0.0 | 7.978 | 22.593 | 0.255 | 8.467 | 22.891 | 1.969 | 0.086 | 196.307 | 3.338 | 0.086 | 214.572 | 2.23 | 0.086 | 0.095 | 0.0 | 0.086 | 0.094 | 0.0 |
| 115 | 13349 | 13350 | NS | 2 | -33.648 | 21.944 | 0.0 | -33.919 | 21.878 | 0.0 | 1.803 | 21.977 | 0.0 | -9.093 | 23.917 | 3.544 | 0.086 | 171.643 | 1.174 | 0.086 | 182.65 | 1.149 | 0.086 | 0.126 | 0.0 | 0.086 | 0.667 | 0.0 |
| 116 | 13349 | 13350 | NS | 1 | -33.648 | 21.944 | 0.0 | -33.919 | 21.878 | 0.0 | 1.803 | 21.977 | 0.0 | -9.093 | 23.917 | 3.544 | 0.086 | 171.643 | 1.174 | 0.086 | 182.65 | 1.149 | 0.086 | 0.126 | 0.0 | 0.086 | 0.667 | 0.0 |
| 117 | 13350 | 13351 | SN | 1 | -34.697 | 17.857 | 0.0 | -34.863 | 17.48 | 0.0 | -10.504 | 22.789 | 0.173 | -0.222 | 23.272 | 0.877 | 0.086 | 218.483 | 4.283 | 0.087 | 227.006 | 3.708 | 0.086 | 0.897 | 0.0 | 0.086 | 0.153 | 0.0 |
| 118 | 13350 | 13351 | NS | 1 | -34.871 | 18.888 | 0.0 | -34.942 | 20.868 | 0.0 | 1.683 | 21.937 | 0.0 | -6.138 | 21.179 | 0.0 | 0.086 | 227.426 | 2.104 | 0.086 | 231.16 | 1.869 | 0.086 | 0.128 | 0.0 | 0.086 | 0.372 | 0.0 |
| 119 | 13350 | 13351 | SN | 2 | -34.697 | 17.857 | 0.0 | -34.863 | 18.866 | 0.0 | -10.504 | 22.789 | 0.166 | -0.222 | 23.272 | 0.852 | 0.086 | 218.483 | 4.205 | 0.086 | 227.006 | 3.489 | 0.086 | 0.897 | 0.0 | 0.086 | 0.153 | 0.0 |
| 120 | 13350 | 13351 | NS | 1 | -34.871 | 21.813 | 0.0 | -34.942 | 20.858 | 0.0 | 1.683 | 23.58 | 1.914 | -6.178 | 24.265 | 2.732 | 0.086 | 227.426 | 2.109 | 0.086 | 231.16 | 1.863 | 0.086 | 0.128 | 0.0 | 0.086 | 0.375 | 0.0 |
| 121 | 13350 | 13351 | SN | 1 | -34.697 | 17.857 | 0.0 | -34.863 | 18.866 | 0.0 | -10.504 | 22.789 | 0.166 | -0.222 | 23.272 | 0.852 | 0.086 | 218.483 | 4.205 | 0.086 | 227.006 | 3.489 | 0.086 | 0.897 | 0.0 | 0.086 | 0.153 | 0.0 |
| 122 | 13350 | 13351 | NS | 1 | -34.871 | 21.812 | 0.0 | -34.942 | 20.858 | 0.0 | 1.683 | 23.58 | 1.914 | -6.178 | 24.265 | 2.732 | 0.086 | 227.426 | 2.109 | 0.086 | 231.16 | 1.863 | 0.086 | 0.128 | 0.0 | 0.086 | 0.375 | 0.0 |
| 123 | 13351 | 13352 | NS | 1 | -34.094 | 21.864 | 0.0 | -34.56 | 22.017 | 0.001 | 1.945 | 23.904 | 0.674 | -8.033 | 24.129 | 1.147 | 0.086 | 190.138 | 2.16 | 0.086 | 211.689 | 2.112 | 0.086 | 0.125 | 0.0 | 0.086 | 0.538 | 0.0 |
| 124 | 13351 | 13352 | NS | 2 | -34.238 | 21.864 | 0.0 | -34.504 | 22.017 | 0.001 | 1.945 | 23.904 | 0.674 | -8.032 | 24.129 | 1.147 | 0.086 | 196.564 | 2.16 | 0.086 | 208.99 | 2.113 | 0.086 | 0.125 | 0.0 | 0.086 | 0.538 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors