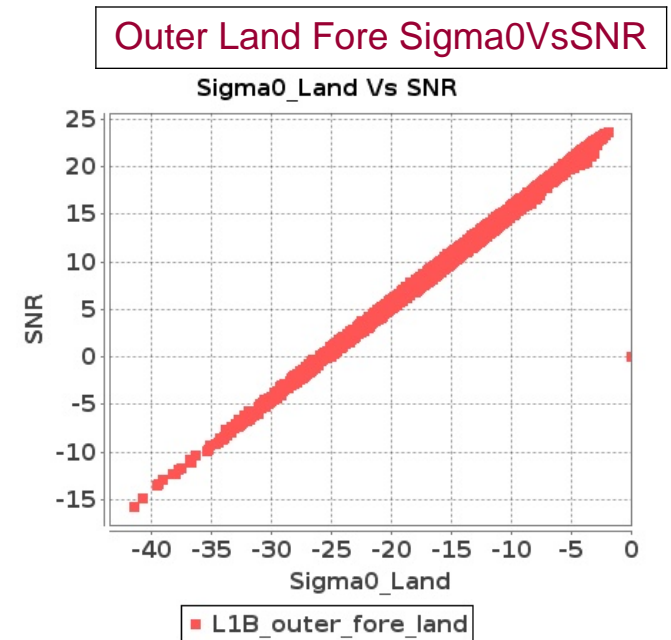
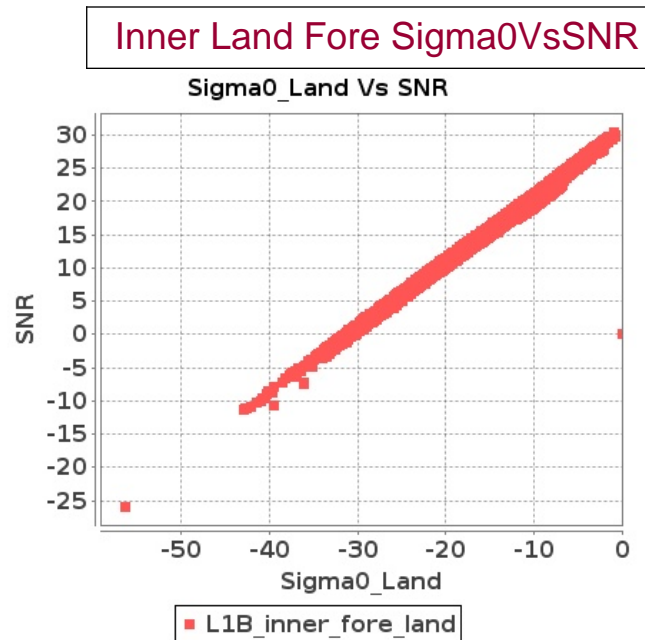
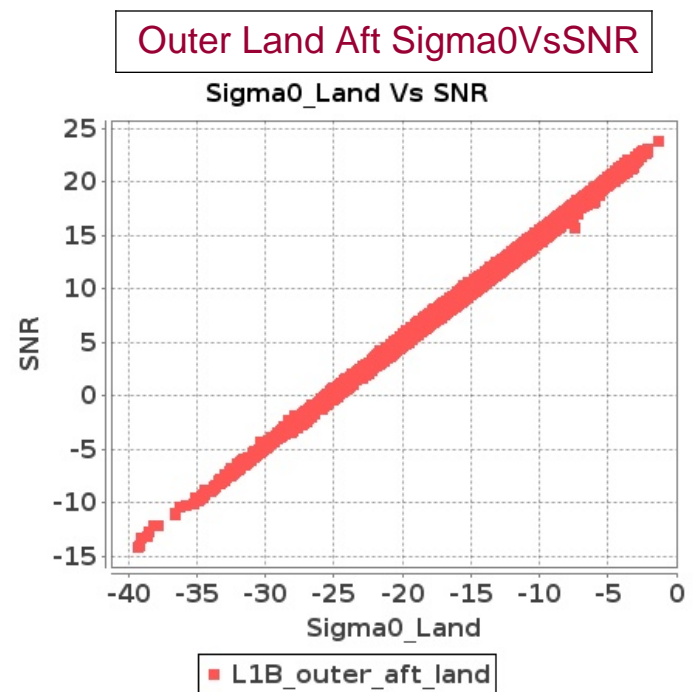
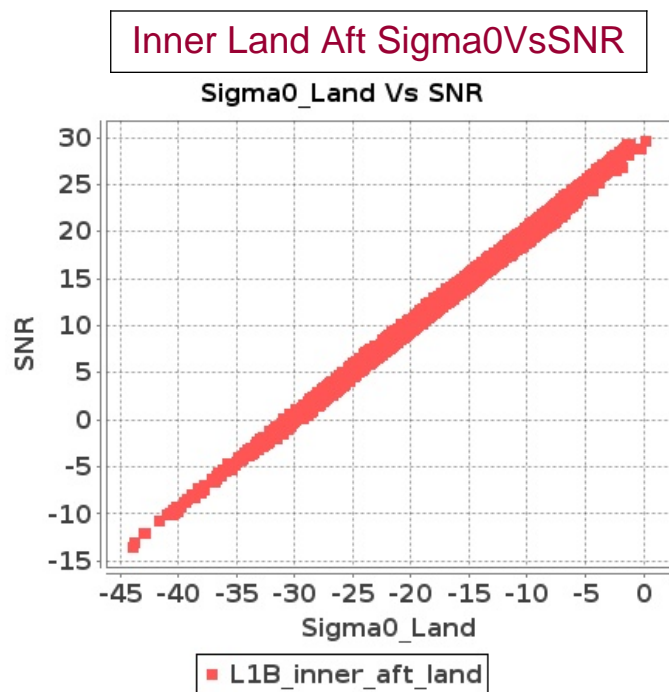
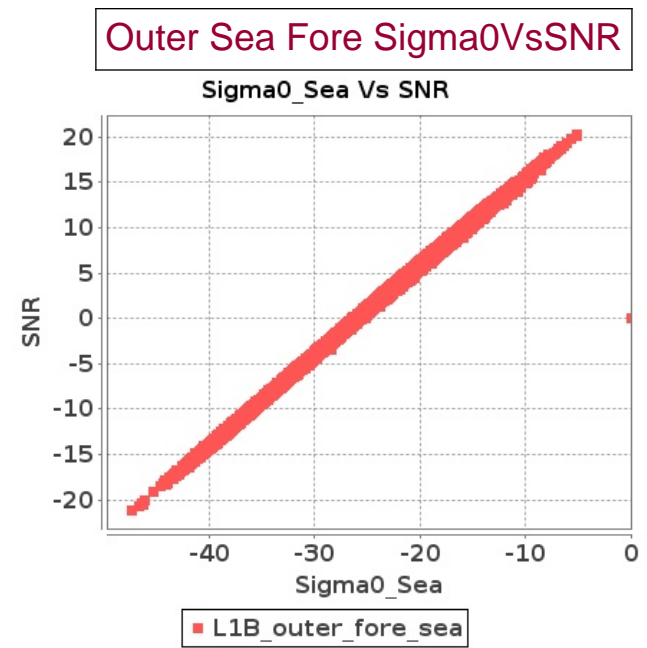
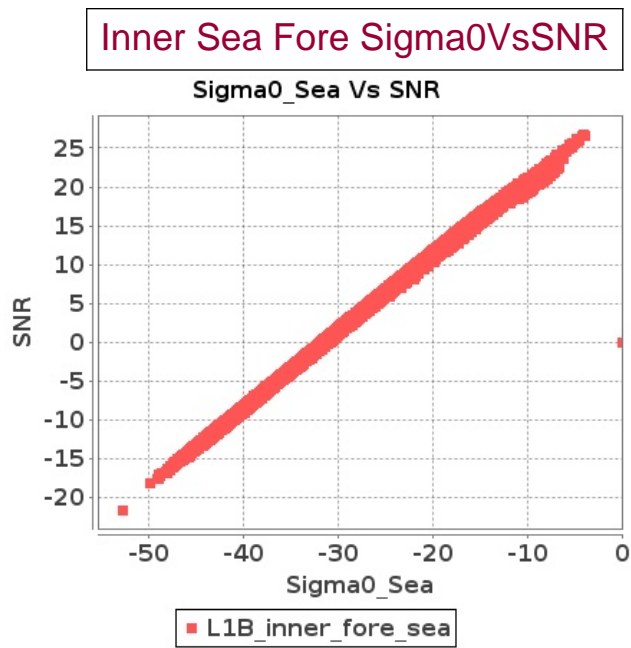
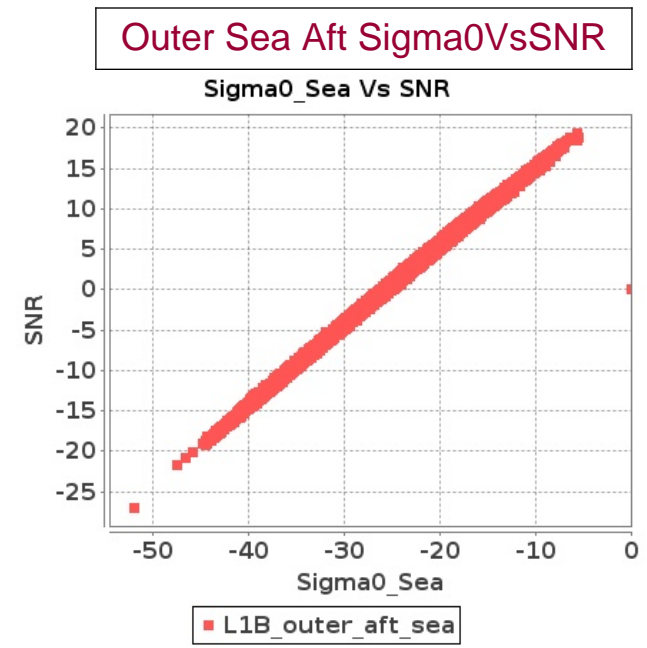
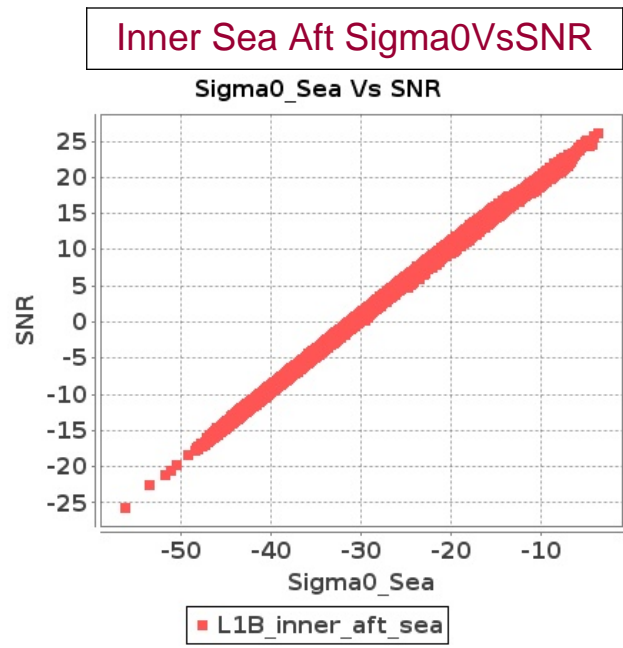
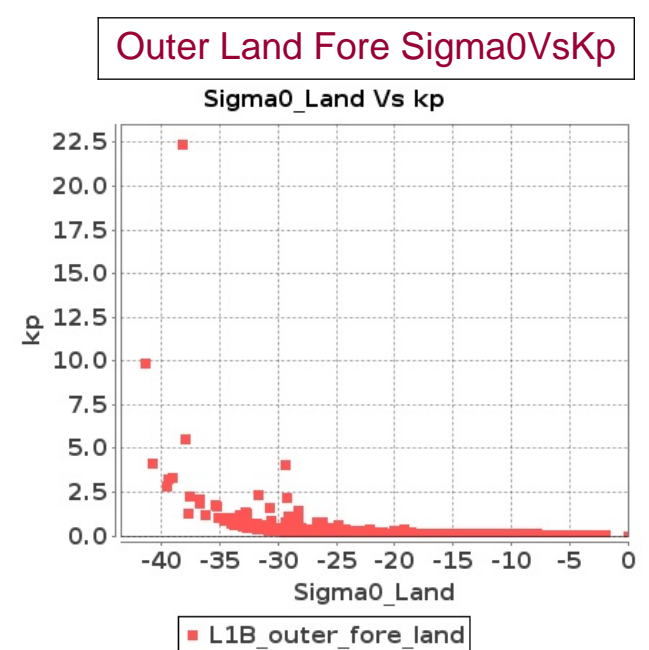
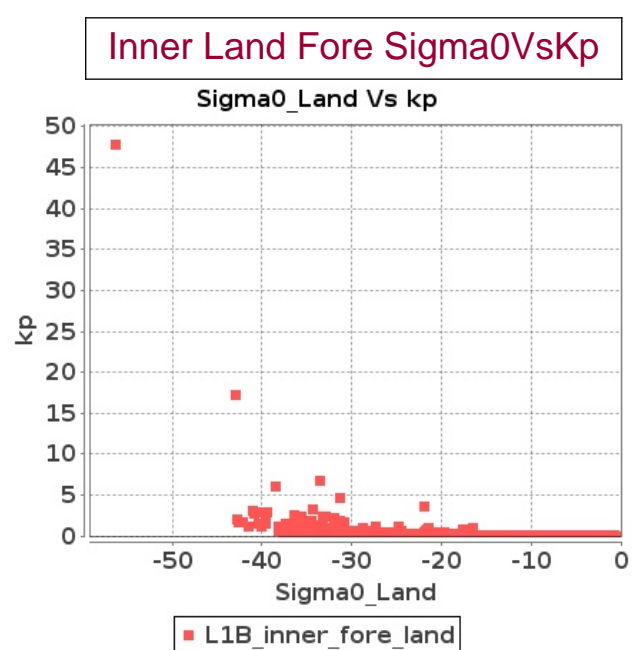
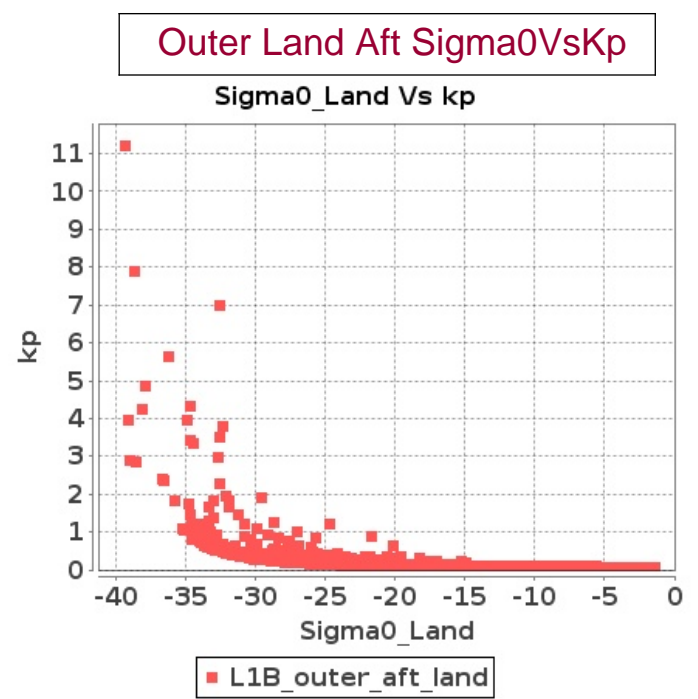
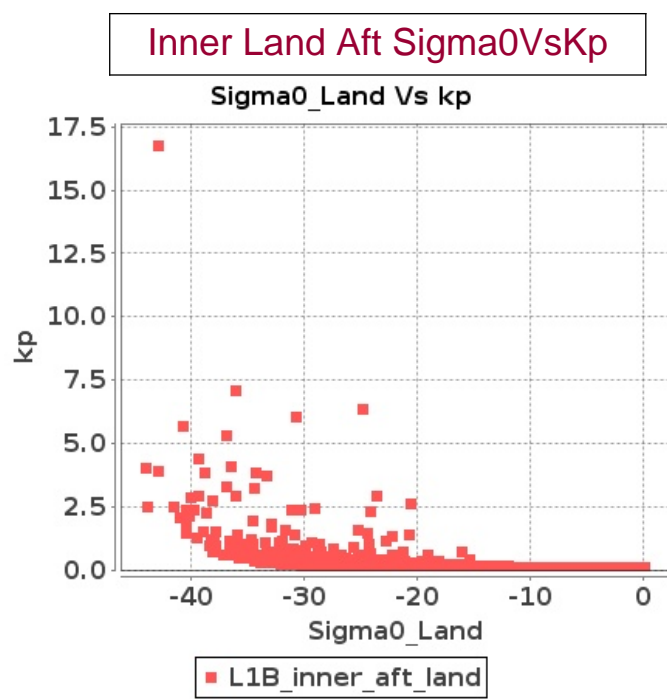
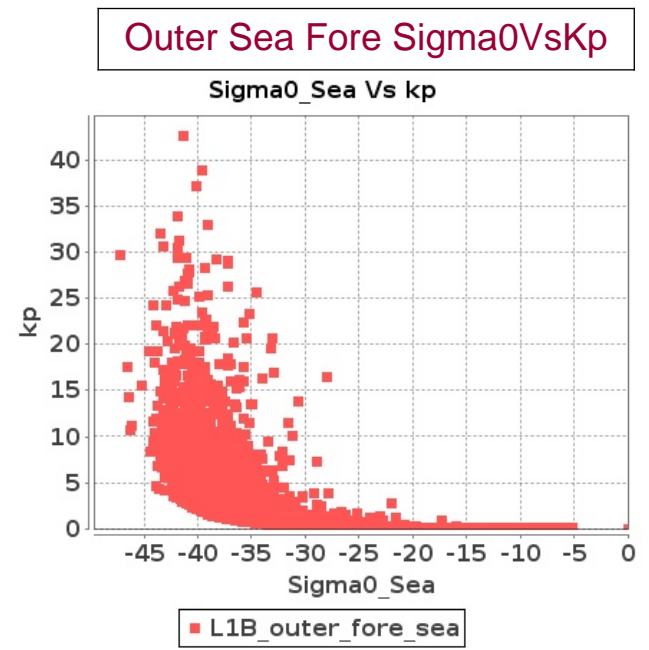
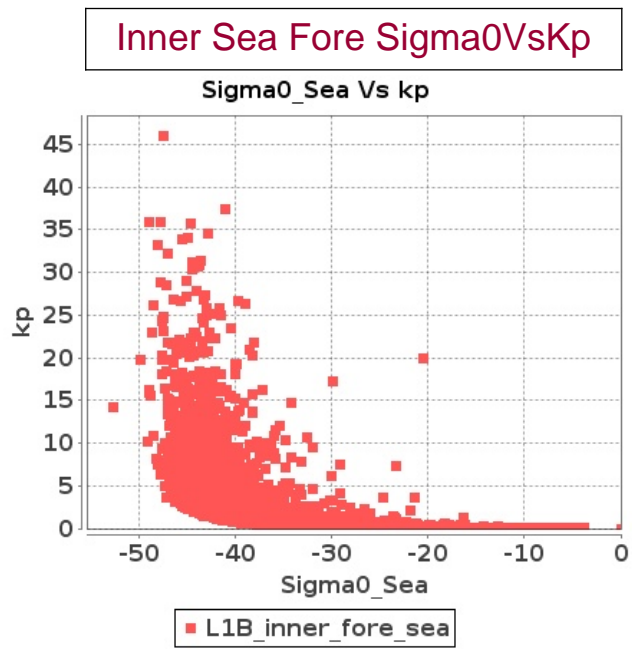
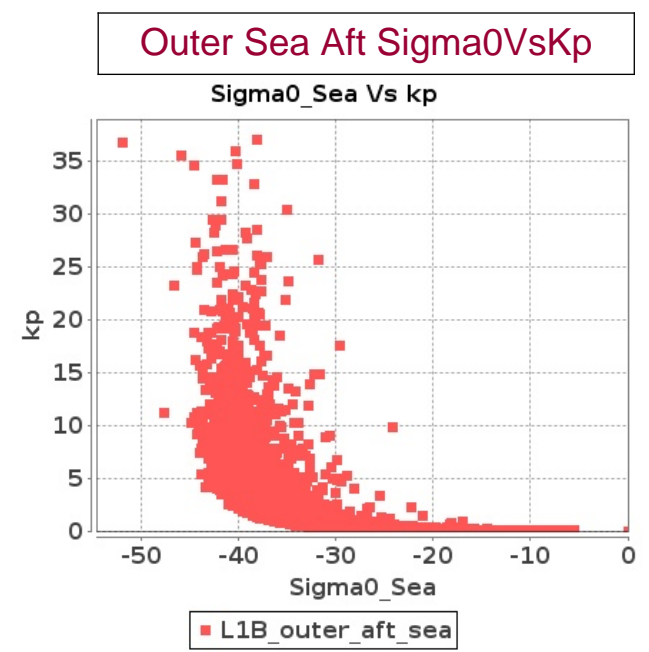
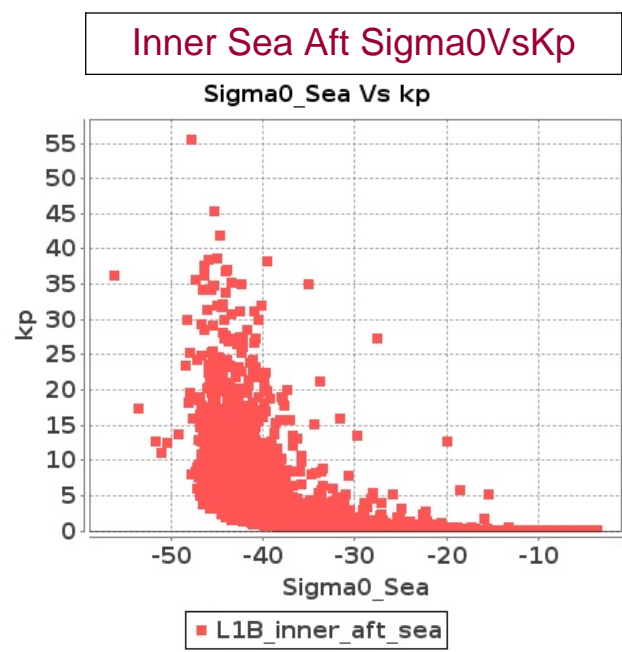


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 07-NOV-2018 To 08-NOV-2018





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

Report between 07-NOV-2018 To 08-NOV-2018

| | | | | | 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 | 11190 | 11191 | SN | 1 | 48.665 | 49.396 | 0.0 | 0.003 | 6.48 | 1.767 | 1016.584 | 1084.952 | 31.424 | -91.57 | -89.724 | 0.0 |
| 2 | 11190 | 11191 | SN | 1 | 48.665 | 49.396 | 0.0 | 0.003 | 6.48 | 2.772 | 1016.584 | 1084.952 | 29.951 | -91.57 | -89.724 | 0.0 |
| 3 | 11191 | 11192 | SN | 1 | 48.674 | 49.367 | 0.0 | 0.003 | 283.421 | 2.504 | 1015.736 | 1084.72 | 28.479 | -91.434 | -89.689 | 0.0 |
| 4 | 11191 | 11192 | NS | 1 | 48.766 | 49.397 | 0.0 | 0.003 | 14.378 | 2.7 | 1047.8 | 1087.704 | 0.0 | -91.666 | -90.016 | 0.0 |
| 5 | 11191 | 11192 | SN | 1 | 48.674 | 49.367 | 0.0 | 0.003 | 283.421 | 2.774 | 1015.736 | 1084.72 | 27.801 | -91.434 | -89.689 | 0.0 |
| 6 | 11191 | 11192 | NS | 1 | 48.766 | 49.397 | 0.0 | 0.003 | 14.378 | 2.698 | 1047.8 | 1087.704 | 0.0 | -91.745 | -90.016 | 0.0 |
| 7 | 11192 | 11193 | SN | 1 | 48.648 | 49.41 | 0.0 | 0.003 | 6.497 | 2.431 | 1015.648 | 1084.832 | 28.485 | -91.694 | -89.698 | 0.0 |
| 8 | 11192 | 11193 | NS | 1 | 48.806 | 49.436 | 0.0 | 0.0 | 264.036 | 2.645 | 1047.904 | 1087.936 | 0.0 | -91.793 | -89.98 | 0.0 |
| 9 | 11192 | 11193 | NS | 2 | 48.805 | 49.436 | 0.0 | 0.0 | 264.058 | 2.643 | 1047.904 | 1087.912 | 0.0 | -91.793 | -89.98 | 0.0 |
| 10 | 11192 | 11193 | SN | 1 | 48.634 | 49.41 | 0.0 | 0.003 | 6.497 | 2.55 | 1015.648 | 1084.832 | 28.251 | -91.694 | -89.698 | 0.0 |
| 11 | 11193 | 11194 | SN | 1 | 48.652 | 49.367 | 0.0 | 0.003 | 283.504 | 2.52 | 1015.64 | 1084.832 | 29.054 | -91.787 | -89.722 | 0.0 |
| 12 | 11193 | 11194 | NS | 1 | 48.807 | 49.4 | 0.0 | 0.003 | 210.441 | 2.5 | 1047.912 | 1088.0 | 0.0 | -91.749 | -89.972 | 0.0 |
| 13 | 11193 | 11194 | SN | 1 | 48.652 | 49.367 | 0.0 | 0.003 | 283.504 | 2.366 | 1015.64 | 1084.832 | 29.406 | -91.787 | -89.722 | 0.0 |
| 14 | 11193 | 11194 | SN | 1 | 48.68 | 49.367 | 0.0 | 0.003 | 283.504 | 2.517 | 1015.392 | 1084.832 | 29.126 | -91.787 | -89.722 | 0.0 |
| 15 | 11194 | 11195 | NS | 1 | 48.808 | 49.399 | 0.0 | 0.003 | 266.876 | 2.672 | 1047.912 | 1087.88 | 0.0 | -91.69 | -90.004 | 0.0 |
| 16 | 11194 | 11195 | SN | 1 | 48.629 | 49.365 | 0.0 | 0.0 | 165.516 | 2.647 | 1015.8 | 1084.664 | 29.662 | -91.544 | -89.688 | 0.0 |
| 17 | 11195 | 11196 | SN | 2 | 48.675 | 49.364 | 0.0 | 0.003 | 28.102 | 2.558 | 1015.416 | 1084.512 | 29.418 | -91.445 | -89.717 | 0.0 |
| 18 | 11195 | 11196 | SN | 1 | 48.675 | 49.364 | 0.0 | 0.003 | 28.102 | 2.558 | 1015.416 | 1084.512 | 29.418 | -91.445 | -89.717 | 0.0 |
| 19 | 11195 | 11196 | NS | 2 | 48.769 | 49.399 | 0.0 | 0.003 | 14.3 | 2.628 | 1047.976 | 1087.736 | 0.0 | -91.74 | -90.015 | 0.0 |
| 20 | 11195 | 11196 | SN | 1 | 48.675 | 49.364 | 0.0 | 0.003 | 28.102 | 2.087 | 1015.416 | 1084.512 | 30.348 | -91.445 | -89.717 | 0.0 |
| 21 | 11195 | 11196 | NS | 1 | 48.769 | 49.399 | 0.0 | 0.003 | 14.295 | 2.63 | 1047.968 | 1087.736 | 0.0 | -91.74 | -90.015 | 0.0 |
| 22 | 11196 | 11197 | SN | 1 | 48.646 | 49.362 | 0.0 | 0.003 | 215.808 | 2.623 | 1015.952 | 1084.248 | 29.375 | -91.459 | -89.717 | 0.0 |
| 23 | 11196 | 11197 | NS | 1 | 48.809 | 49.425 | 0.0 | 0.0 | 210.447 | 2.739 | 1048.12 | 1087.528 | 0.0 | -92.13 | -90.018 | 0.0 |
| 24 | 11196 | 11197 | SN | 1 | 48.638 | 49.362 | 0.0 | 0.003 | 215.808 | 1.896 | 1015.952 | 1084.248 | 30.8 | -91.459 | -89.717 | 0.0 |
| 25 | 11197 | 11198 | SN | 1 | 48.631 | 49.363 | 0.0 | 0.003 | 278.237 | 2.691 | 1016.408 | 1084.24 | 25.988 | -91.273 | -89.719 | 0.0 |
| 26 | 11197 | 11198 | NS | 1 | 48.766 | 49.438 | 0.0 | 0.003 | 16.264 | 2.613 | 1048.216 | 1087.432 | 0.0 | -91.742 | -90.013 | 0.0 |
| 27 | 11197 | 11198 | SN | 1 | 48.631 | 49.363 | 0.0 | 0.003 | 213.127 | 2.057 | 1016.408 | 1084.24 | 27.049 | -91.273 | -89.719 | 0.0 |
| 28 | 11198 | 11199 | NS | 2 | 48.776 | 49.42 | 0.0 | 0.003 | 264.058 | 2.607 | 1047.928 | 1087.432 | 0.0 | -91.598 | -90.006 | 0.0 |
| 29 | 11198 | 11199 | SN | 1 | 48.69 | 49.402 | 0.0 | 0.003 | 6.48 | 1.691 | 1016.216 | 1084.312 | 24.918 | -91.595 | -89.698 | 0.0 |
| 30 | 11198 | 11199 | SN | 1 | 48.691 | 49.401 | 0.0 | 0.003 | 6.48 | 2.796 | 1016.568 | 1084.296 | 22.875 | -91.584 | -89.698 | 0.0 |
| 31 | 11198 | 11199 | NS | 1 | 48.777 | 49.421 | 0.0 | 0.003 | 264.058 | 2.608 | 1047.944 | 1087.448 | 0.0 | -91.598 | -90.006 | 0.0 |
| 32 | 11199 | 11200 | SN | 1 | 48.692 | 49.364 | 0.0 | 0.003 | 210.403 | 2.576 | 1016.504 | 1084.216 | 27.47 | -91.915 | -89.682 | 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 | 11200 | 11201 | SN | 1 | 48.644 | 49.363 | 0.0 | 0.003 | 283.377 | 2.612 | 1015.392 | 1083.992 | 27.702 | -91.424 | -89.717 | 0.0 |
| 34 | 11200 | 11201 | NS | 1 | 48.811 | 49.438 | 0.0 | 0.0 | 210.452 | 2.788 | 1048.696 | 1087.136 | 0.0 | -91.808 | -89.994 | 0.0 |
| 35 | 11201 | 11202 | NS | 1 | 48.773 | 49.406 | 0.0 | 0.003 | 268.349 | 2.645 | 1048.68 | 1087.144 | 0.0 | -91.732 | -90.005 | 0.0 |
| 36 | 11201 | 11202 | NS | 1 | 48.773 | 49.406 | 0.0 | 0.003 | 268.349 | 2.609 | 1048.68 | 1087.144 | 0.0 | -91.742 | -90.005 | 0.0 |
| 37 | 11202 | 11203 | NS | 1 | 48.748 | 49.42 | 0.0 | 0.0 | 266.639 | 2.689 | 1048.536 | 1087.088 | 0.0 | -91.783 | -90.022 | 0.0 |
| 38 | 11202 | 11203 | NS | 1 | 48.748 | 49.433 | 0.0 | 0.0 | 266.639 | 2.686 | 1048.536 | 1087.088 | 0.0 | -91.793 | -90.022 | 0.0 |
| 39 | 11203 | 11204 | SN | 1 | 48.684 | 49.362 | 0.0 | 0.003 | 213.817 | 2.611 | 1016.256 | 1083.976 | 28.511 | -91.513 | -89.721 | 0.0 |
| 40 | 11203 | 11204 | NS | 1 | 48.778 | 49.427 | 0.0 | 0.0 | 27.327 | 1.807 | 1048.472 | 1087.064 | 0.0 | -91.595 | -90.019 | 0.0 |
| 41 | 11203 | 11204 | NS | 1 | 48.778 | 49.427 | 0.0 | 0.0 | 27.327 | 2.724 | 1048.488 | 1087.072 | 0.0 | -91.655 | -90.019 | 0.0 |
| 42 | 11204 | 11205 | NS | 1 | 48.786 | 49.458 | 0.0 | 0.0 | 266.485 | 2.725 | 1048.472 | 1087.088 | 0.0 | -91.826 | -90.022 | 0.0 |
| 43 | 11204 | 11205 | SN | 1 | 48.632 | 49.367 | 0.0 | 0.003 | 6.469 | 2.686 | 1015.592 | 1083.968 | 29.737 | -91.505 | -89.723 | 0.0 |
| 44 | 11204 | 11205 | SN | 1 | 48.632 | 49.367 | 0.0 | 0.003 | 6.469 | 1.574 | 1015.592 | 1083.968 | 31.374 | -91.505 | -89.723 | 0.0 |
| 45 | 11205 | 11206 | NS | 1 | 48.762 | 49.41 | 0.0 | 0.003 | 266.672 | 2.682 | 1048.584 | 1086.96 | 0.0 | -92.096 | -90.021 | 0.0 |
| 46 | 11205 | 11206 | SN | 1 | 48.651 | 49.362 | 0.0 | 0.0 | 77.772 | 2.77 | 1016.608 | 1083.824 | 28.813 | -91.546 | -89.71 | 0.0 |
| 47 | 11206 | 11207 | SN | 1 | 48.663 | 49.36 | 0.0 | 0.003 | 6.469 | 2.642 | 1015.44 | 1083.752 | 27.557 | -91.574 | -89.69 | 0.0 |
| 48 | 11206 | 11207 | NS | 1 | 48.811 | 49.394 | 0.0 | 0.003 | 268.024 | 2.59 | 1048.832 | 1086.936 | 0.0 | -91.785 | -90.028 | 0.0 |
| 49 | 11206 | 11207 | NS | 1 | 48.811 | 49.394 | 0.0 | 0.003 | 268.024 | 2.603 | 1048.832 | 1086.936 | 0.0 | -91.785 | -90.028 | 0.0 |
| 50 | 11206 | 11207 | SN | 2 | 48.663 | 49.36 | 0.0 | 0.003 | 6.469 | 2.642 | 1015.44 | 1083.752 | 27.557 | -91.574 | -89.69 | 0.0 |
| 51 | 11207 | 11208 | SN | 1 | 48.671 | 49.361 | 0.0 | 0.003 | 6.469 | 2.392 | 1015.624 | 1083.864 | 28.439 | -91.38 | -89.723 | 0.0 |
| 52 | 11207 | 11208 | SN | 2 | 48.671 | 49.361 | 0.0 | 0.003 | 6.469 | 2.391 | 1015.616 | 1083.856 | 28.442 | -91.38 | -89.723 | 0.0 |
| 53 | 11208 | 11209 | SN | 2 | 48.667 | 49.359 | 0.0 | 0.003 | 280.46 | 2.565 | 1015.44 | 1083.712 | 29.415 | -91.486 | -89.715 | 0.0 |
| 54 | 11208 | 11209 | NS | 1 | 48.813 | 49.396 | 0.0 | 0.0 | 49.845 | 2.669 | 1048.904 | 1087.056 | 0.0 | -91.829 | -90.02 | 0.0 |
| 55 | 11208 | 11209 | SN | 1 | 48.667 | 49.359 | 0.0 | 0.003 | 280.46 | 2.565 | 1015.44 | 1083.712 | 29.415 | -91.486 | -89.715 | 0.0 |
| 56 | 11209 | 11210 | NS | 1 | 48.814 | 49.395 | 0.0 | 0.003 | 41.999 | 2.66 | 1048.976 | 1086.888 | 0.0 | -91.773 | -90.016 | 0.0 |
| 57 | 11209 | 11210 | SN | 1 | 48.651 | 49.358 | 0.0 | 0.003 | 6.453 | 2.557 | 1015.824 | 1083.504 | 29.181 | -91.288 | -89.715 | 0.0 |
| 58 | 11209 | 11210 | NS | 1 | 48.814 | 49.428 | 0.0 | 0.003 | 41.999 | 2.662 | 1048.976 | 1086.888 | 0.0 | -91.805 | -90.016 | 0.0 |
| 59 | 11210 | 11211 | NS | 1 | 48.766 | 49.404 | 0.0 | 0.0 | 41.999 | 2.794 | 1049.104 | 1086.712 | 0.0 | -91.768 | -90.025 | 0.0 |
| 60 | 11210 | 11211 | SN | 2 | 48.63 | 49.357 | 0.0 | 0.003 | 6.452 | 2.574 | 1016.192 | 1083.328 | 29.383 | -91.31 | -89.718 | 0.0 |
| 61 | 11210 | 11211 | SN | 1 | 48.63 | 49.357 | 0.0 | 0.003 | 6.452 | 2.574 | 1016.192 | 1083.328 | 29.383 | -91.31 | -89.718 | 0.0 |
| 62 | 11210 | 11211 | SN | 1 | 48.63 | 49.357 | 0.0 | 0.003 | 6.452 | 2.514 | 1016.192 | 1083.328 | 29.517 | -91.31 | -89.718 | 0.0 |
| 63 | 11211 | 11212 | NS | 2 | 48.788 | 49.394 | 0.0 | 0.0 | 210.469 | 2.711 | 1046.8 | 1086.544 | 0.0 | -91.692 | -90.027 | 0.0 |
| 64 | 11211 | 11212 | SN | 1 | 48.678 | 49.394 | 0.0 | 0.003 | 6.453 | 2.658 | 1016.344 | 1083.184 | 27.945 | -91.567 | -89.719 | 0.0 |
| 65 | 11211 | 11212 | SN | 1 | 48.684 | 49.394 | 0.0 | 0.003 | 6.453 | 2.66 | 1016.216 | 1083.184 | 27.955 | -91.567 | -89.719 | 0.0 |
| 66 | 11211 | 11212 | SN | 1 | 48.684 | 49.394 | 0.0 | 0.003 | 6.453 | 2.288 | 1016.216 | 1083.184 | 28.654 | -91.567 | -89.719 | 0.0 |
| 67 | 11211 | 11212 | NS | 1 | 48.788 | 49.395 | 0.0 | 0.0 | 266.728 | 2.711 | 1046.808 | 1086.576 | 0.0 | -91.692 | -90.027 | 0.0 |
| 68 | 11212 | 11213 | SN | 2 | 48.679 | 49.397 | 0.0 | 0.003 | 26.899 | 2.71 | 1016.56 | 1083.256 | 25.228 | -91.648 | -89.712 | 0.0 |
| 69 | 11212 | 11213 | SN | 1 | 48.679 | 49.397 | 0.0 | 0.003 | 26.899 | 2.71 | 1016.56 | 1083.256 | 25.228 | -91.648 | -89.712 | 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 | 11212 | 11213 | NS | 1 | 48.792 | 49.448 | 0.0 | 0.0 | 42.281 | 2.71 | 1049.208 | 1086.528 | 0.0 | -91.764 | -90.027 | 0.0 |
| 71 | 11212 | 11213 | SN | 1 | 48.679 | 49.397 | 0.0 | 0.003 | 26.899 | 1.79 | 1016.56 | 1083.256 | 26.738 | -91.648 | -89.712 | 0.0 |
| 72 | 11213 | 11214 | NS | 1 | 48.814 | 49.424 | 0.0 | 0.0 | 53.744 | 2.772 | 1048.48 | 1086.48 | 0.0 | -91.762 | -90.007 | 0.0 |
| 73 | 11213 | 11214 | SN | 2 | 48.671 | 49.418 | 0.0 | 0.0 | 216.221 | 2.691 | 1016.032 | 1083.224 | 25.213 | -91.649 | -89.669 | 0.0 |
| 74 | 11213 | 11214 | SN | 1 | 48.671 | 49.418 | 0.0 | 0.0 | 216.221 | 2.692 | 1016.024 | 1083.232 | 25.221 | -91.649 | -89.669 | 0.0 |
| 75 | 11213 | 11214 | NS | 1 | 48.814 | 49.424 | 0.0 | 0.0 | 53.744 | 2.77 | 1048.48 | 1086.48 | 0.0 | -91.803 | -90.007 | 0.0 |
| 76 | 11214 | 11215 | NS | 1 | 48.816 | 49.455 | 0.0 | 0.003 | 266.86 | 2.717 | 1049.608 | 1086.32 | 0.0 | -91.925 | -90.004 | 0.0 |
| 77 | 11214 | 11215 | NS | 1 | 48.816 | 49.458 | 0.0 | 0.003 | 266.86 | 2.72 | 1049.608 | 1086.32 | 0.0 | -91.925 | -90.004 | 0.0 |
| 78 | 11215 | 11216 | NS | 1 | 48.817 | 49.4 | 0.0 | 0.003 | 210.452 | 2.676 | 1049.744 | 1086.208 | 0.0 | -91.802 | -90.017 | 0.0 |
| 79 | 11215 | 11216 | NS | 1 | 48.817 | 49.391 | 0.0 | 0.003 | 210.452 | 2.673 | 1049.744 | 1086.208 | 0.0 | -91.718 | -90.017 | 0.0 |
| 80 | 11215 | 11216 | SN | 1 | 48.636 | 49.356 | 0.0 | 0.003 | 215.168 | 2.662 | 1016.544 | 1082.936 | 27.295 | -91.402 | -89.694 | 0.0 |
| 81 | 11216 | 11217 | NS | 2 | 48.758 | 49.428 | 0.0 | 0.0 | 267.136 | 2.737 | 1049.568 | 1086.2 | 0.0 | -91.66 | -90.024 | 0.0 |
| 82 | 11216 | 11217 | NS | 1 | 48.757 | 49.428 | 0.0 | 0.0 | 206.812 | 2.737 | 1049.568 | 1086.2 | 0.0 | -91.66 | -90.023 | 0.0 |
| 83 | 11216 | 11217 | SN | 2 | 48.687 | 49.356 | 0.0 | 0.003 | 6.447 | 2.652 | 1016.496 | 1082.92 | 28.394 | -91.567 | -89.698 | 0.0 |
| 84 | 11216 | 11217 | SN | 1 | 48.687 | 49.356 | 0.0 | 0.003 | 6.447 | 2.652 | 1016.496 | 1082.92 | 28.394 | -91.567 | -89.698 | 0.0 |
| 85 | 11217 | 11218 | NS | 1 | 48.815 | 49.434 | 0.0 | 0.003 | 17.008 | 2.643 | 1049.704 | 1086.104 | 0.0 | -92.319 | -90.032 | 0.0 |
| 86 | 11217 | 11218 | NS | 1 | 48.815 | 49.434 | 0.0 | 0.003 | 17.008 | 2.027 | 1049.704 | 1086.104 | 0.0 | -92.319 | -90.032 | 0.0 |
| 87 | 11217 | 11218 | SN | 1 | 48.674 | 49.399 | 0.0 | 0.003 | 6.442 | 2.601 | 1016.376 | 1082.856 | 28.051 | -91.624 | -89.719 | 0.0 |
| 88 | 11217 | 11218 | SN | 1 | 48.668 | 49.399 | 0.0 | 0.003 | 6.442 | 2.599 | 1016.28 | 1082.856 | 28.023 | -91.624 | -89.719 | 0.0 |
| 89 | 11218 | 11219 | NS | 1 | 48.814 | 49.414 | 0.0 | 0.003 | 209.145 | 1.553 | 1049.616 | 1086.128 | 0.0 | -91.795 | -90.033 | 0.0 |
| 90 | 11218 | 11219 | SN | 1 | 48.66 | 49.356 | 0.0 | 0.003 | 6.442 | 2.578 | 1016.256 | 1082.864 | 28.451 | -91.364 | -89.723 | 0.0 |
| 91 | 11218 | 11219 | SN | 1 | 48.663 | 49.357 | 0.0 | 0.003 | 6.442 | 2.576 | 1016.392 | 1082.872 | 28.425 | -91.383 | -89.723 | 0.0 |
| 92 | 11218 | 11219 | NS | 1 | 48.814 | 49.414 | 0.0 | 0.003 | 209.145 | 2.626 | 1049.616 | 1086.128 | 0.0 | -91.752 | -90.033 | 0.0 |
| 93 | 11219 | 11220 | NS | 2 | 48.769 | 49.405 | 0.0 | 0.0 | 206.945 | 2.709 | 1049.48 | 1086.08 | 0.0 | -91.77 | -90.033 | 0.0 |
| 94 | 11219 | 11220 | NS | 1 | 48.769 | 49.405 | 0.0 | 0.0 | 206.945 | 2.709 | 1049.48 | 1086.08 | 0.0 | -91.77 | -90.033 | 0.0 |
| 95 | 11219 | 11220 | NS | 1 | 48.769 | 49.405 | 0.0 | 0.0 | 65.094 | 1.726 | 1049.48 | 1085.712 | 0.0 | -91.77 | -90.033 | 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 | 11190 | 11191 | SN | 1 | -34.772 | 20.612 | 0.0 | -34.372 | 25.594 | 0.209 | 6.835 | 28.598 | 15.428 | 10.907 | 30.034 | 21.081 | 0.116 | 290.765 | 1.658 | 0.116 | 265.298 | 1.329 | 0.116 | 0.132 | 0.0 | 0.116 | 0.122 | 0.0 |
| 2 | 11190 | 11191 | SN | 1 | -34.772 | 24.5 | 1.1 | -34.372 | 26.284 | 4.184 | 6.835 | 28.598 | 16.376 | 10.907 | 30.034 | 21.349 | 0.116 | 290.765 | 1.611 | 0.116 | 265.298 | 1.211 | 0.116 | 0.132 | 0.0 | 0.116 | 0.122 | 0.0 |
| 3 | 11191 | 11192 | SN | 1 | -33.882 | 26.818 | 1.166 | -32.32 | 26.963 | 6.074 | -3.692 | 36.202 | 15.926 | -3.856 | 29.519 | 20.776 | 0.116 | 236.961 | 2.074 | 0.116 | 165.411 | 1.523 | 0.116 | 0.324 | 0.0 | 0.116 | 0.333 | 0.0 |
| 4 | 11191 | 11192 | NS | 1 | -33.692 | 25.792 | 1.765 | -34.837 | 26.576 | 0.088 | -7.665 | 31.889 | 15.884 | -14.874 | 33.303 | 28.629 | 0.116 | 226.778 | 2.183 | 0.116 | 295.226 | 1.987 | 0.116 | 0.659 | 0.0 | 0.116 | 3.066 | 0.002 |
| 5 | 11191 | 11192 | SN | 1 | -33.882 | 26.818 | 3.034 | -32.32 | 26.963 | 6.14 | -3.692 | 36.202 | 15.923 | -3.856 | 29.519 | 20.778 | 0.116 | 236.961 | 1.971 | 0.116 | 165.411 | 1.449 | 0.116 | 0.324 | 0.0 | 0.116 | 0.333 | 0.0 |
| 6 | 11191 | 11192 | NS | 1 | -34.919 | 25.79 | 1.763 | -34.258 | 26.576 | 0.087 | -7.665 | 31.889 | 15.879 | -14.874 | 33.303 | 28.623 | 0.116 | 300.773 | 2.183 | 0.116 | 258.356 | 1.982 | 0.116 | 0.659 | 0.0 | 0.116 | 3.066 | 0.002 |
| 7 | 11192 | 11193 | SN | 1 | -34.3 | 26.471 | 2.482 | -34.963 | 27.101 | 4.635 | -5.572 | 30.213 | 10.467 | -3.024 | 31.952 | 7.45 | 0.116 | 274.646 | 2.792 | 0.116 | 303.938 | 2.058 | 0.116 | 0.445 | 0.0 | 0.116 | 0.293 | 0.0 |
| 8 | 11192 | 11193 | NS | 1 | -34.84 | 25.419 | 0.775 | -32.256 | 26.674 | 0.052 | -5.569 | 36.383 | 10.707 | -3.228 | 31.513 | 22.236 | 0.116 | 295.369 | 2.846 | 0.116 | 163.006 | 2.561 | 0.116 | 0.444 | 0.0 | 0.116 | 0.302 | 0.0 |
| 9 | 11192 | 11193 | NS | 2 | -34.84 | 25.419 | 0.775 | -32.256 | 26.674 | 0.052 | -5.569 | 36.383 | 10.708 | -3.228 | 31.513 | 22.235 | 0.116 | 295.369 | 2.846 | 0.116 | 163.006 | 2.561 | 0.116 | 0.444 | 0.0 | 0.116 | 0.302 | 0.0 |
| 10 | 11192 | 11193 | SN | 1 | -34.96 | 26.471 | 2.768 | -34.52 | 27.101 | 4.59 | -5.572 | 30.213 | 10.465 | -3.024 | 31.954 | 7.438 | 0.116 | 308.418 | 2.758 | 0.116 | 274.435 | 2.023 | 0.116 | 0.445 | 0.0 | 0.116 | 0.293 | 0.0 |
| 11 | 11193 | 11194 | SN | 1 | -34.704 | 24.565 | 1.086 | -34.779 | 25.074 | 1.842 | 7.666 | 27.84 | 18.372 | 8.049 | 28.677 | 15.113 | 0.116 | 286.271 | 2.696 | 0.116 | 291.351 | 2.224 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 12 | 11193 | 11194 | NS | 1 | -34.906 | 24.11 | 0.268 | -34.286 | 23.866 | 0.012 | -24.585 | 29.177 | 9.988 | -4.695 | 28.841 | 18.824 | 0.116 | 300.001 | 8.376 | 0.116 | 260.076 | 8.019 | 0.116 | 27.933 | 0.002 | 0.116 | 0.382 | 0.0 |
| 13 | 11193 | 11194 | SN | 1 | -34.704 | 24.565 | 1.016 | -34.779 | 25.074 | 1.857 | 7.666 | 27.84 | 18.372 | 8.049 | 28.677 | 15.127 | 0.116 | 286.271 | 2.735 | 0.116 | 291.351 | 2.253 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 14 | 11193 | 11194 | SN | 1 | -34.704 | 24.565 | 1.085 | -34.929 | 25.074 | 1.841 | 7.666 | 27.84 | 18.372 | 8.049 | 28.677 | 15.105 | 0.116 | 286.271 | 2.705 | 0.116 | 301.6 | 2.224 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 15 | 11194 | 11195 | NS | 1 | -34.775 | 24.01 | 0.113 | -33.726 | 23.936 | 0.096 | -11.146 | 30.662 | 5.403 | -16.536 | 31.055 | 11.1 | 0.116 | 311.646 | 2.991 | 0.116 | 228.578 | 3.153 | 0.116 | 1.353 | 0.003 | 0.116 | 4.453 | 0.001 |
| 16 | 11194 | 11195 | SN | 1 | -34.174 | 24.737 | 0.46 | -29.753 | 24.874 | 0.775 | 6.105 | 27.057 | 12.925 | 6.767 | 27.342 | 8.0 | 0.116 | 253.428 | 1.523 | 0.116 | 91.622 | 0.973 | 0.116 | 0.135 | 0.0 | 0.116 | 0.132 | 0.0 |
| 17 | 11195 | 11196 | SN | 2 | -34.636 | 22.86 | 0.007 | -34.543 | 23.546 | 0.193 | 6.027 | 28.275 | 15.528 | 8.365 | 28.573 | 20.078 | 0.116 | 281.852 | 3.357 | 0.116 | 275.837 | 2.857 | 0.116 | 0.135 | 0.0 | 0.116 | 0.127 | 0.0 |
| 18 | 11195 | 11196 | SN | 1 | -34.636 | 22.86 | 0.007 | -34.543 | 23.547 | 0.193 | 6.027 | 28.275 | 15.528 | 8.365 | 28.573 | 20.078 | 0.116 | 281.852 | 3.357 | 0.116 | 275.837 | 2.857 | 0.116 | 0.135 | 0.0 | 0.116 | 0.127 | 0.0 |
| 19 | 11195 | 11196 | NS | 2 | -34.472 | 23.869 | 0.105 | -34.778 | 23.802 | 0.181 | -8.032 | 30.809 | 6.37 | -4.119 | 29.976 | 14.312 | 0.116 | 271.407 | 1.934 | 0.116 | 291.196 | 2.006 | 0.116 | 0.709 | 0.0 | 0.116 | 0.347 | 0.0 |
| 20 | 11195 | 11196 | SN | 1 | -34.636 | 22.86 | 0.003 | -34.543 | 22.384 | 0.007 | 6.027 | 28.275 | 15.908 | 8.365 | 28.573 | 20.571 | 0.116 | 281.852 | 3.468 | 0.116 | 275.837 | 2.95 | 0.116 | 0.135 | 0.0 | 0.116 | 0.127 | 0.0 |
| 21 | 11195 | 11196 | NS | 1 | -34.472 | 23.869 | 0.105 | -34.778 | 23.802 | 0.181 | -8.032 | 30.809 | 6.37 | -4.119 | 29.976 | 14.312 | 0.116 | 271.407 | 1.934 | 0.116 | 291.196 | 2.006 | 0.116 | 0.709 | 0.0 | 0.116 | 0.347 | 0.0 |
| 22 | 11196 | 11197 | SN | 1 | -34.874 | 22.419 | 0.004 | -34.85 | 24.206 | 0.266 | 5.744 | 28.103 | 14.301 | 7.983 | 28.607 | 17.753 | 0.116 | 297.776 | 4.27 | 0.116 | 296.142 | 3.693 | 0.116 | 0.137 | 0.0 | 0.116 | 0.128 | 0.0 |
| 23 | 11196 | 11197 | NS | 1 | -34.953 | 22.996 | 0.07 | -33.596 | 26.169 | 0.076 | -11.958 | 29.709 | 7.989 | -11.109 | 31.203 | 13.666 | 0.116 | 303.174 | 2.51 | 0.116 | 221.9 | 2.208 | 0.116 | 1.612 | 0.005 | 0.116 | 1.342 | 0.002 |
| 24 | 11196 | 11197 | SN | 1 | -34.874 | 21.273 | 0.0 | -34.85 | 22.119 | 0.001 | 5.744 | 28.103 | 15.239 | 7.983 | 28.607 | 17.926 | 0.116 | 297.776 | 4.454 | 0.116 | 296.142 | 3.902 | 0.116 | 0.137 | 0.0 | 0.116 | 0.128 | 0.0 |
| 25 | 11197 | 11198 | SN | 1 | -34.697 | 24.211 | 0.042 | -33.526 | 24.171 | 0.732 | 0.71 | 32.913 | 11.519 | -3.496 | 32.405 | 13.621 | 0.116 | 285.894 | 2.683 | 0.116 | 218.306 | 1.992 | 0.116 | 0.187 | 0.0 | 0.116 | 0.314 | 0.0 |
| 26 | 11197 | 11198 | NS | 1 | -34.652 | 25.959 | 0.468 | -34.956 | 26.862 | 0.817 | 7.585 | 28.369 | 13.469 | 8.065 | 29.194 | 21.871 | 0.116 | 282.945 | 1.871 | 0.116 | 303.436 | 1.707 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 27 | 11197 | 11198 | SN | 1 | -34.697 | 24.211 | 0.033 | -33.526 | 24.171 | 0.052 | 0.71 | 32.913 | 11.583 | -3.496 | 32.405 | 13.549 | 0.116 | 285.894 | 2.838 | 0.116 | 218.306 | 2.148 | 0.116 | 0.187 | 0.0 | 0.116 | 0.314 | 0.0 |
| 28 | 11198 | 11199 | NS | 2 | -32.539 | 28.399 | 0.733 | -34.77 | 24.783 | 1.448 | 0.458 | 29.862 | 15.577 | 2.746 | 30.728 | 26.905 | 0.116 | 173.946 | 1.475 | 0.116 | 290.7 | 1.247 | 0.116 | 0.191 | 0.0 | 0.116 | 0.159 | 0.0 |
| 29 | 11198 | 11199 | SN | 1 | -34.148 | 24.089 | 0.021 | -34.56 | 25.235 | 0.025 | -13.87 | 29.814 | 17.59 | -8.465 | 32.975 | 22.375 | 0.116 | 251.941 | 3.518 | 0.116 | 276.974 | 2.61 | 0.116 | 2.453 | 0.003 | 0.116 | 0.773 | 0.0 |
| 30 | 11198 | 11199 | SN | 1 | -34.424 | 24.089 | 0.064 | -34.56 | 25.235 | 1.034 | -13.866 | 29.814 | 16.466 | -8.465 | 32.975 | 22.366 | 0.116 | 268.386 | 3.193 | 0.116 | 276.974 | 2.272 | 0.116 | 2.45 | 0.003 | 0.116 | 0.773 | 0.0 |
| 31 | 11198 | 11199 | NS | 1 | -32.539 | 28.397 | 0.733 | -32.696 | 24.783 | 1.448 | 0.458 | 29.862 | 15.578 | 2.746 | 30.728 | 26.903 | 0.116 | 173.946 | 1.475 | 0.116 | 180.361 | 1.245 | 0.116 | 0.191 | 0.0 | 0.116 | 0.159 | 0.0 |
| 32 | 11199 | 11200 | SN | 1 | -34.372 | 25.671 | 0.115 | -34.674 | 26.197 | 1.074 | -15.31 | 28.85 | 16.876 | -0.878 | 30.069 | 18.208 | 0.116 | 265.242 | 1.511 | 0.116 | 284.316 | 1.133 | 0.116 | 3.381 | 0.005 | 0.116 | 0.22 | 0.0 |
| 33 | 11200 | 11201 | SN | 1 | -34.937 | 26.961 | 0.032 | -34.829 | 26.561 | 1.114 | -23.782 | 29.89 | 17.537 | -9.187 | 30.755 | 18.589 | 0.116 | 302.062 | 8.356 | 0.116 | 294.697 | 6.144 | 0.116 | 23.239 | 0.013 | 0.116 | 0.896 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|--------|-------|
| 34 | 11200 | 11201 | NS | 1 | -34.758 | 27.002 | 0.74 | -34.736 | 27.565 | 0.569 | 3.175 | 34.144 | 12.991 | -9.396 | 33.87 | 22.657 | 0.116 | 304.848 | 3.973 | 0.116 | 288.431 | 4.122 | 0.116 | 0.154 | 0.0 | 0.116 | 0.935 | 0.0 |
| 35 | 11201 | 11202 | NS | 1 | -33.396 | 26.462 | 1.879 | -34.623 | 26.777 | 1.68 | -6.715 | 28.443 | 18.571 | -3.267 | 30.916 | 26.49 | 0.116 | 211.903 | 1.606 | 0.116 | 280.992 | 1.624 | 0.116 | 0.549 | 0.0 | 0.116 | 0.304 | 0.0 |
| 36 | 11201 | 11202 | NS | 1 | -33.396 | 26.462 | 1.882 | -34.623 | 26.777 | 1.682 | -6.715 | 28.443 | 18.05 | -3.267 | 30.916 | 25.713 | 0.116 | 211.903 | 1.606 | 0.116 | 280.992 | 1.626 | 0.116 | 0.549 | 0.0 | 0.116 | 0.304 | 0.0 |
| 37 | 11202 | 11203 | NS | 1 | -33.896 | 27.073 | 2.125 | -34.221 | 26.488 | 2.213 | -11.236 | 28.818 | 28.709 | -4.993 | 30.28 | 43.429 | 0.116 | 254.576 | 1.526 | 0.116 | 256.229 | 1.482 | 0.116 | 1.379 | 0.005 | 0.116 | 0.402 | 0.0 |
| 38 | 11202 | 11203 | NS | 1 | -33.896 | 27.073 | 2.122 | -34.04 | 26.488 | 2.211 | -11.236 | 28.818 | 28.709 | -4.993 | 30.28 | 43.434 | 0.116 | 254.576 | 1.523 | 0.116 | 245.711 | 1.479 | 0.116 | 1.379 | 0.005 | 0.116 | 0.402 | 0.0 |
| 39 | 11203 | 11204 | SN | 1 | -34.936 | 23.371 | 0.2 | -34.554 | 26.618 | 3.21 | -2.8 | 29.658 | 41.981 | -3.456 | 30.673 | 50.473 | 0.116 | 317.6 | 4.184 | 0.116 | 276.598 | 3.683 | 0.116 | 0.283 | 0.0 | 0.116 | 0.313 | 0.0 |
| 40 | 11203 | 11204 | NS | 1 | -34.843 | 24.924 | 2.155 | -34.932 | 25.792 | 1.574 | -4.512 | 28.202 | 14.366 | 8.342 | 29.328 | 28.521 | 0.116 | 295.654 | 1.633 | 0.116 | 301.798 | 1.678 | 0.116 | 0.37 | 0.0 | 0.116 | 0.127 | 0.0 |
| 41 | 11203 | 11204 | NS | 1 | -34.8 | 24.924 | 2.151 | -34.932 | 25.79 | 1.572 | -4.512 | 29.157 | 28.668 | 8.34 | 29.437 | 39.917 | 0.116 | 292.665 | 1.633 | 0.116 | 301.798 | 1.679 | 0.116 | 0.37 | 0.0 | 0.116 | 0.127 | 0.0 |
| 42 | 11204 | 11205 | NS | 1 | -34.923 | 25.258 | 2.235 | -34.386 | 24.794 | 0.663 | 7.743 | 28.959 | 18.921 | 8.17 | 29.882 | 29.579 | 0.116 | 301.098 | 4.114 | 0.116 | 266.163 | 3.69 | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0 |
| 43 | 11204 | 11205 | SN | 1 | -34.507 | 23.963 | 0.54 | -34.628 | 26.366 | 3.468 | 5.39 | 30.088 | 34.179 | 9.988 | 30.572 | 38.189 | 0.116 | 273.634 | 1.51 | 0.116 | 281.36 | 1.131 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 44 | 11204 | 11205 | SN | 1 | -34.507 | 19.655 | 0.0 | -34.628 | 19.994 | 0.0 | 5.454 | 30.094 | 31.759 | 9.988 | 30.572 | 36.132 | 0.116 | 273.634 | 1.551 | 0.116 | 281.36 | 1.209 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 45 | 11205 | 11206 | NS | 1 | -34.84 | 25.755 | 2.216 | -34.895 | 24.672 | 0.16 | -1.54 | 28.84 | 12.696 | -1.358 | 29.683 | 22.69 | 0.116 | 295.407 | 5.453 | 0.116 | 299.23 | 4.857 | 0.116 | 0.239 | 0.0 | 0.116 | 0.234 | 0.0 |
| 46 | 11205 | 11206 | SN | 1 | -34.212 | 24.649 | 2.416 | -32.377 | 25.965 | 5.625 | -0.232 | 28.928 | 13.544 | 2.168 | 30.761 | 20.939 | 0.116 | 255.64 | 1.195 | 0.116 | 167.57 | 0.759 | 0.116 | 0.205 | 0.0 | 0.116 | 0.165 | 0.0 |
| 47 | 11206 | 11207 | SN | 1 | -34.996 | 26.449 | 2.918 | -34.739 | 27.016 | 4.96 | -2.701 | 31.299 | 11.916 | -3.233 | 30.286 | 9.427 | 0.116 | 306.17 | 3.512 | 0.116 | 288.652 | 2.826 | 0.116 | 0.279 | 0.0 | 0.116 | 0.302 | 0.0 |
| 48 | 11206 | 11207 | NS | 1 | -33.025 | 24.953 | 1.23 | -34.711 | 27.136 | 0.071 | -9.656 | 33.886 | 13.401 | -5.802 | 36.383 | 27.243 | 0.116 | 194.545 | 2.153 | 0.116 | 286.818 | 1.815 | 0.116 | 0.987 | 0.0 | 0.116 | 0.464 | 0.0 |
| 49 | 11206 | 11207 | NS | 1 | -33.025 | 24.953 | 1.23 | -34.711 | 27.136 | 0.071 | -9.656 | 33.886 | 13.403 | -5.802 | 36.383 | 27.34 | 0.116 | 194.545 | 2.153 | 0.116 | 286.818 | 1.815 | 0.116 | 0.987 | 0.0 | 0.116 | 0.464 | 0.0 |
| 50 | 11206 | 11207 | SN | 2 | -34.996 | 26.449 | 2.918 | -34.739 | 27.016 | 4.96 | -2.701 | 31.299 | 11.916 | -3.233 | 30.286 | 9.427 | 0.116 | 306.17 | 3.512 | 0.116 | 288.652 | 2.826 | 0.116 | 0.279 | 0.0 | 0.116 | 0.302 | 0.0 |
| 51 | 11207 | 11208 | SN | 1 | -34.074 | 24.916 | 1.901 | -34.567 | 25.654 | 3.465 | -4.825 | 28.159 | 13.986 | -2.136 | 30.383 | 11.856 | 0.116 | 247.65 | 2.752 | 0.116 | 277.5 | 2.419 | 0.116 | 0.39 | 0.0 | 0.116 | 0.258 | 0.0 |
| 52 | 11207 | 11208 | SN | 2 | -34.074 | 24.916 | 1.901 | -34.567 | 25.654 | 3.465 | -4.825 | 28.159 | 13.986 | -2.136 | 30.383 | 11.856 | 0.116 | 247.65 | 2.752 | 0.116 | 277.5 | 2.419 | 0.116 | 0.39 | 0.0 | 0.116 | 0.258 | 0.0 |
| 53 | 11208 | 11209 | SN | 2 | -34.728 | 24.226 | 0.634 | -34.408 | 24.94 | 1.098 | 7.089 | 27.554 | 14.709 | 7.633 | 28.53 | 9.212 | 0.116 | 287.967 | 1.817 | 0.116 | 267.5 | 1.39 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 54 | 11208 | 11209 | NS | 1 | -34.939 | 23.934 | 0.092 | -34.905 | 24.477 | 0.012 | -7.32 | 28.742 | 8.655 | -5.062 | 30.985 | 16.916 | 0.116 | 302.217 | 8.277 | 0.116 | 299.849 | 8.432 | 0.116 | 0.616 | 0.0 | 0.116 | 0.406 | 0.0 |
| 55 | 11208 | 11209 | SN | 1 | -34.728 | 24.226 | 0.634 | -34.408 | 24.94 | 1.098 | 7.089 | 27.554 | 14.709 | 7.633 | 28.53 | 9.212 | 0.116 | 287.967 | 1.817 | 0.116 | 267.5 | 1.39 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 56 | 11209 | 11210 | NS | 1 | -34.113 | 23.324 | 0.126 | -34.179 | 23.623 | 0.236 | -19.08 | 28.6 | 5.331 | -25.714 | 30.244 | 11.79 | 0.116 | 249.906 | 1.481 | 0.116 | 253.765 | 1.194 | 0.116 | 7.931 | 0.009 | 0.116 | 36.202 | 0.009 |
| 57 | 11209 | 11210 | SN | 1 | -34.425 | 23.267 | 0.02 | -34.665 | 23.725 | 0.204 | 6.501 | 27.975 | 17.335 | 7.594 | 28.665 | 18.958 | 0.116 | 268.484 | 1.041 | 0.116 | 283.738 | 0.87 | 0.116 | 0.133 | 0.0 | 0.116 | 0.129 | 0.0 |
| 58 | 11209 | 11210 | NS | 1 | -33.133 | 23.324 | 0.126 | -34.428 | 23.623 | 0.236 | -19.077 | 28.6 | 5.337 | -25.711 | 30.244 | 11.803 | 0.116 | 199.486 | 1.487 | 0.116 | 268.699 | 1.194 | 0.116 | 7.924 | 0.009 | 0.116 | 36.175 | 0.009 |
| 59 | 11210 | 11211 | NS | 1 | -34.79 | 26.5 | 0.062 | -34.8 | 22.936 | 0.071 | -11.335 | 27.792 | 6.92 | -19.602 | 29.61 | 12.405 | 0.116 | 292.009 | 4.574 | 0.116 | 292.71 | 4.088 | 0.116 | 1.408 | 0.002 | 0.116 | 8.929 | 0.007 |
| 60 | 11210 | 11211 | SN | 2 | -34.67 | 23.111 | 0.008 | -32.773 | 23.796 | 0.251 | 5.634 | 27.744 | 16.383 | 8.198 | 28.781 | 23.088 | 0.116 | 284.056 | 0.864 | 0.116 | 183.568 | 0.728 | 0.116 | 0.137 | 0.0 | 0.116 | 0.127 | 0.0 |
| 61 | 11210 | 11211 | SN | 1 | -34.67 | 23.111 | 0.008 | -32.773 | 23.796 | 0.251 | 5.634 | 27.744 | 16.383 | 8.198 | 28.781 | 23.088 | 0.116 | 284.056 | 0.864 | 0.116 | 183.568 | 0.728 | 0.116 | 0.137 | 0.0 | 0.116 | 0.127 | 0.0 |
| 62 | 11210 | 11211 | SN | 1 | -34.67 | 23.111 | 0.008 | -32.773 | 23.796 | 0.226 | 5.634 | 27.744 | 16.391 | 8.198 | 28.781 | 23.088 | 0.116 | 284.056 | 0.868 | 0.116 | 183.568 | 0.73 | 0.116 | 0.137 | 0.0 | 0.116 | 0.127 | 0.0 |
| 63 | 11211 | 11212 | NS | 2 | -34.625 | 26.29 | 0.126 | -34.044 | 26.998 | 0.162 | -9.359 | 29.222 | 11.159 | -9.856 | 30.733 | 16.587 | 0.116 | 281.173 | 1.949 | 0.116 | 245.984 | 1.822 | 0.116 | 0.928 | 0.0 | 0.116 | 1.029 | 0.003 |
| 64 | 11211 | 11212 | SN | 1 | -33.828 | 22.752 | 0.007 | -34.34 | 23.679 | 0.375 | -1.307 | 30.212 | 11.229 | -1.376 | 29.087 | 14.12 | 0.116 | 234.062 | 3.588 | 0.116 | 263.349 | 3.115 | 0.116 | 0.232 | 0.0 | 0.116 | 0.234 | 0.0 |
| 65 | 11211 | 11212 | SN | 1 | -34.885 | 22.752 | 0.007 | -34.92 | 23.677 | 0.378 | -1.307 | 30.212 | 11.244 | -1.366 | 29.087 | 14.124 | 0.116 | 298.444 | 3.582 | 0.116 | 300.973 | 3.116 | 0.116 | 0.232 | 0.0 | 0.116 | 0.234 | 0.0 |
| 66 | 11211 | 11212 | SN | 1 | -34.885 | 21.712 | 0.0 | -34.92 | 23.608 | 0.117 | -1.307 | 30.212 | 11.257 | -1.366 | 29.087 | 14.088 | 0.116 | 298.444 | 3.692 | 0.116 | 300.973 | 3.21 | 0.116 | 0.232 | 0.0 | 0.116 | 0.234 | 0.0 |
| 67 | 11211 | 11212 | NS | 1 | -34.625 | 26.29 | 0.126 | -34.044 | 26.998 | 0.162 | -9.359 | 29.222 | 11.153 | -9.856 | 30.733 | 16.588 | 0.116 | 281.173 | 1.949 | 0.116 | 245.984 | 1.822 | 0.116 | 0.928 | 0.0 | 0.116 | 1.029 | 0.003 |
| 68 | 11212 | 11213 | SN | 2 | -33.955 | 23.495 | 0.03 | -34.639 | 24.802 | 0.833 | -15.428 | 34.424 | 12.498 | -1.936 | 35.396 | 15.603 | 0.116 | 240.958 | 4.999 | 0.116 | 282.057 | 4.615 | 0.116 | 3.472 | 0.005 | 0.116 | 0.251 | 0.0 |
| 69 | 11212 | 11213 | SN | 1 | -33.955 | 23.495 | 0.03 | -34.639 | 24.802 | 0.833 | -15.428 | 34.424 | 12.498 | -1.936 | 35.396 | 15.603 | 0.116 | 240.958 | 4.999 | 0.116 | 282.057 | 4.615 | 0.116 | 3.472 | 0.005 | 0.116 | 0.251 | 0.0 |
| 70 | 11212 | 11213 | NS | 1 | -34.784 | 25.388 | 0.769 | -33.768 | 26.658 | 1.363 | 7.28 | 31.437 | 10.675 | 7.808 | 30.38 | 18.715 | 0.116 | 291.6 | 0.967 | 0.116 | 230.779 | 0.781 | 0.116 | 0.13 | 0.0 | 0.116 | 0.128 | 0.0 |
| 71 | 11212 | 11213 | SN | 1 | -33.955 | 23.495 | 0.007 | -34.639 | 24.802 | 0.01 | -15.522 | 34.424 | 12.771 | -1.936 | 35.396 | 15.586 | 0.116 | 240.958 | 5.433 | 0.116 | 282.057 | 5.135 | 0.116 | 3.546 | 0.005 | 0.116 | 0.251 | 0.0 |
| 72 | 11213 | 11214 | NS | 1 | -34.734 | 24.912 | 0.693 | -34.051 | 25.176 | 1.261 | -8.991 | 29.409 | 19.482 | -1.602 | 30.719 | 36.171 | 0.116 | 288.291 | 2.163 | 0.116 | 246.334 | 1.979 | 0.116 | 0.86 | 0.0 | 0.116 | 0.241 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73 | 11213 | 11214 | SN | 2 | -33.891 | 24.502 | 0.113 | -33.678 | 25.572 | 0.957 | -8.917 | 29.573 | 21.589 | -4.808 | 30.844 | 25.838 | 0.116 | 237.509 | 0.933 | 0.116 | 226.084 | 0.832 | 0.116 | 0.847 | 0.0 | 0.116 | 0.389 | 0.0 |
| 74 | 11213 | 11214 | SN | 1 | -33.891 | 24.502 | 0.113 | -33.678 | 25.572 | 0.957 | -8.917 | 29.573 | 21.588 | -4.808 | 30.844 | 25.836 | 0.116 | 237.509 | 0.933 | 0.116 | 226.084 | 0.832 | 0.116 | 0.847 | 0.0 | 0.116 | 0.389 | 0.0 |
| 75 | 11213 | 11214 | NS | 1 | -34.734 | 24.912 | 0.695 | -34.051 | 25.176 | 1.26 | -8.991 | 29.409 | 19.482 | -1.602 | 30.719 | 36.152 | 0.116 | 288.291 | 2.16 | 0.116 | 246.334 | 1.977 | 0.116 | 0.86 | 0.0 | 0.116 | 0.241 | 0.0 |
| 76 | 11214 | 11215 | NS | 1 | -34.869 | 27.067 | 0.491 | -34.827 | 27.88 | 0.454 | -6.194 | 31.486 | 13.819 | -10.508 | 29.952 | 25.551 | 0.116 | 297.453 | 3.787 | 0.116 | 294.524 | 3.855 | 0.116 | 0.498 | 0.0 | 0.116 | 1.181 | 0.002 |
| 77 | 11214 | 11215 | NS | 1 | -34.869 | 27.067 | 0.491 | -34.827 | 27.88 | 0.455 | -6.194 | 31.486 | 13.819 | -10.508 | 29.953 | 25.551 | 0.116 | 297.453 | 3.783 | 0.116 | 294.524 | 3.848 | 0.116 | 0.498 | 0.0 | 0.116 | 1.181 | 0.002 |
| 78 | 11215 | 11216 | NS | 1 | -34.122 | 27.947 | 1.17 | -34.179 | 24.998 | 1.074 | -21.226 | 28.597 | 14.835 | -8.833 | 34.543 | 22.658 | 0.116 | 250.45 | 2.551 | 0.116 | 253.777 | 2.627 | 0.116 | 12.94 | 0.008 | 0.116 | 0.833 | 0.0 |
| 79 | 11215 | 11216 | NS | 1 | -34.413 | 27.947 | 1.168 | -34.55 | 24.998 | 1.072 | -21.226 | 28.597 | 14.835 | -8.833 | 34.543 | 22.658 | 0.116 | 267.749 | 2.554 | 0.116 | 276.421 | 2.634 | 0.116 | 12.94 | 0.008 | 0.116 | 0.833 | 0.0 |
| 80 | 11215 | 11216 | SN | 1 | -34.762 | 28.077 | 0.056 | -34.063 | 27.531 | 1.498 | -19.772 | 31.333 | 17.503 | -16.087 | 30.583 | 18.733 | 0.116 | 290.232 | 6.782 | 0.116 | 247.076 | 5.736 | 0.116 | 9.284 | 0.007 | 0.116 | 4.026 | 0.004 |
| 81 | 11216 | 11217 | NS | 2 | -33.992 | 25.161 | 2.426 | -34.56 | 26.793 | 2.489 | 3.08 | 28.436 | 25.517 | 7.342 | 29.976 | 37.417 | 0.116 | 243.066 | 1.441 | 0.116 | 276.96 | 1.09 | 0.116 | 0.155 | 0.0 | 0.116 | 0.13 | 0.0 |
| 82 | 11216 | 11217 | NS | 1 | -33.992 | 25.161 | 2.426 | -34.56 | 26.793 | 2.489 | 3.08 | 28.436 | 25.518 | 7.342 | 29.976 | 37.419 | 0.116 | 243.066 | 1.441 | 0.116 | 276.96 | 1.09 | 0.116 | 0.155 | 0.0 | 0.116 | 0.13 | 0.0 |
| 83 | 11216 | 11217 | SN | 2 | -34.136 | 24.598 | 0.179 | -33.497 | 25.804 | 3.77 | -21.053 | 30.41 | 16.989 | -20.587 | 30.201 | 19.943 | 0.116 | 251.226 | 1.991 | 0.116 | 216.847 | 1.807 | 0.116 | 12.436 | 0.004 | 0.116 | 11.182 | 0.006 |
| 84 | 11216 | 11217 | SN | 1 | -34.136 | 24.598 | 0.179 | -33.497 | 25.804 | 3.77 | -21.053 | 30.41 | 16.989 | -20.587 | 30.201 | 19.943 | 0.116 | 251.226 | 1.991 | 0.116 | 216.847 | 1.807 | 0.116 | 12.436 | 0.004 | 0.116 | 11.182 | 0.006 |
| 85 | 11217 | 11218 | NS | 1 | -32.388 | 24.944 | 2.104 | -34.727 | 26.882 | 1.984 | 9.33 | 28.836 | 25.177 | 6.553 | 29.537 | 38.762 | 0.116 | 167.988 | 0.973 | 0.116 | 287.853 | 0.845 | 0.116 | 0.125 | 0.0 | 0.116 | 0.133 | 0.0 |
| 86 | 11217 | 11218 | NS | 1 | -32.388 | 24.944 | 2.106 | -34.727 | 26.882 | 1.984 | 9.33 | 28.612 | 13.823 | 6.553 | 29.54 | 33.112 | 0.116 | 167.988 | 0.974 | 0.116 | 287.853 | 0.845 | 0.116 | 0.125 | 0.0 | 0.116 | 0.133 | 0.0 |
| 87 | 11217 | 11218 | SN | 1 | -33.709 | 25.693 | 0.113 | -34.642 | 26.318 | 3.243 | -13.884 | 30.365 | 26.839 | -6.687 | 30.521 | 29.848 | 0.116 | 227.702 | 2.057 | 0.116 | 282.233 | 1.848 | 0.116 | 2.46 | 0.002 | 0.116 | 0.546 | 0.0 |
| 88 | 11217 | 11218 | SN | 1 | -34.782 | 25.693 | 0.113 | -34.475 | 26.322 | 3.236 | -13.873 | 30.365 | 26.841 | -6.689 | 30.521 | 29.853 | 0.116 | 291.508 | 2.072 | 0.116 | 271.555 | 1.848 | 0.116 | 2.454 | 0.002 | 0.116 | 0.546 | 0.0 |
| 89 | 11218 | 11219 | NS | 1 | -33.048 | 25.054 | 2.111 | -34.988 | 25.823 | 1.065 | 10.5 | 28.225 | 6.012 | 8.53 | 30.495 | 14.055 | 0.116 | 195.605 | 1.213 | 0.116 | 305.726 | 1.003 | 0.116 | 0.122 | 0.0 | 0.116 | 0.126 | 0.0 |
| 90 | 11218 | 11219 | SN | 1 | -34.032 | 24.126 | 0.304 | -33.37 | 26.482 | 3.118 | 7.118 | 29.088 | 45.743 | 8.804 | 31.615 | 56.556 | 0.116 | 245.328 | 2.362 | 0.116 | 210.612 | 1.614 | 0.116 | 0.131 | 0.0 | 0.116 | 0.126 | 0.0 |
| 91 | 11218 | 11219 | SN | 1 | -34.133 | 24.123 | 0.302 | -34.442 | 26.482 | 3.115 | 7.118 | 29.088 | 45.743 | 8.804 | 31.615 | 56.547 | 0.116 | 251.025 | 2.359 | 0.116 | 269.596 | 1.629 | 0.116 | 0.131 | 0.0 | 0.116 | 0.126 | 0.0 |
| 92 | 11218 | 11219 | NS | 1 | -33.048 | 25.054 | 2.11 | -34.988 | 25.823 | 1.065 | 7.991 | 28.959 | 27.06 | 8.541 | 30.495 | 39.057 | 0.116 | 195.605 | 1.207 | 0.116 | 305.726 | 1.003 | 0.116 | 0.128 | 0.0 | 0.116 | 0.126 | 0.0 |
| 93 | 11219 | 11220 | NS | 2 | -34.968 | 25.059 | 2.146 | -34.352 | 25.018 | 0.239 | 7.044 | 29.039 | 15.644 | 6.877 | 29.755 | 25.919 | 0.116 | 304.31 | 6.065 | 0.116 | 264.028 | 5.931 | 0.116 | 0.131 | 0.0 | 0.116 | 0.132 | 0.0 |
| 94 | 11219 | 11220 | NS | 1 | -34.968 | 25.059 | 2.146 | -34.352 | 25.02 | 0.239 | 7.044 | 29.039 | 15.646 | 6.875 | 29.755 | 25.919 | 0.116 | 304.31 | 6.065 | 0.116 | 264.028 | 5.931 | 0.116 | 0.131 | 0.0 | 0.116 | 0.132 | 0.0 |
| 95 | 11219 | 11220 | NS | 1 | -34.968 | 25.059 | 2.283 | -34.352 | 24.998 | 0.241 | 7.568 | 26.861 | 5.394 | 7.129 | 26.349 | 8.681 | 0.116 | 304.31 | 6.482 | 0.116 | 264.028 | 5.973 | 0.116 | 0.129 | 0.0 | 0.116 | 0.131 | 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 | 11190 | 11191 | SN | 1 | 57.408 | 58.21 | 0.0 | 0.0 | 295.102 | 3.043 | 1190.256 | 1274.696 | 45.951 | -92.944 | -91.781 | 0.0 |
| 2 | 11190 | 11191 | SN | 1 | 57.408 | 58.21 | 0.0 | 0.0 | 295.102 | 3.946 | 1190.256 | 1274.696 | 43.552 | -92.944 | -91.781 | 0.0 |
| 3 | 11191 | 11192 | SN | 1 | 57.385 | 58.208 | 0.0 | 0.003 | 289.984 | 3.718 | 1190.08 | 1274.408 | 45.266 | -93.019 | -91.749 | 0.0 |
| 4 | 11191 | 11192 | NS | 1 | 57.585 | 58.283 | 0.0 | 0.0 | 296.393 | 3.704 | 1228.464 | 1278.864 | 0.0 | -93.505 | -92.061 | 0.0 |
| 5 | 11191 | 11192 | SN | 1 | 57.385 | 58.208 | 0.0 | 0.0 | 293.652 | 4.015 | 1190.08 | 1274.408 | 44.272 | -93.019 | -91.749 | 0.0 |
| 6 | 11191 | 11192 | NS | 1 | 57.585 | 58.283 | 0.0 | 0.0 | 296.393 | 3.701 | 1228.464 | 1278.864 | 0.0 | -93.505 | -92.061 | 0.0 |
| 7 | 11192 | 11193 | SN | 1 | 57.413 | 58.218 | 0.0 | 0.0 | 288.688 | 3.495 | 1189.368 | 1274.552 | 43.283 | -93.022 | -91.753 | 0.0 |
| 8 | 11192 | 11193 | NS | 1 | 57.587 | 58.297 | 0.0 | 0.0 | 297.027 | 3.631 | 1228.576 | 1279.152 | 0.0 | -93.506 | -92.025 | 0.0 |
| 9 | 11192 | 11193 | NS | 2 | 57.587 | 58.297 | 0.0 | 0.0 | 297.082 | 3.635 | 1228.584 | 1279.12 | 0.0 | -93.506 | -92.025 | 0.0 |
| 10 | 11192 | 11193 | SN | 1 | 57.381 | 58.218 | 0.0 | 0.0 | 288.688 | 3.758 | 1189.6 | 1274.552 | 42.896 | -93.022 | -91.753 | 0.0 |
| 11 | 11193 | 11194 | SN | 1 | 57.406 | 58.207 | 0.0 | 0.0 | 284.541 | 3.67 | 1189.936 | 1274.552 | 43.884 | -92.937 | -91.779 | 0.0 |
| 12 | 11193 | 11194 | NS | 1 | 57.568 | 58.287 | 0.0 | 0.0 | 288.815 | 3.461 | 1228.592 | 1279.232 | 0.0 | -93.506 | -92.018 | 0.0 |
| 13 | 11193 | 11194 | SN | 1 | 57.406 | 58.207 | 0.0 | 0.003 | 284.541 | 3.419 | 1189.936 | 1274.552 | 44.384 | -92.937 | -91.779 | 0.0 |
| 14 | 11193 | 11194 | SN | 1 | 57.413 | 58.207 | 0.0 | 0.0 | 284.541 | 3.667 | 1189.936 | 1274.552 | 43.942 | -92.943 | -91.779 | 0.0 |
| 15 | 11194 | 11195 | NS | 1 | 57.606 | 58.286 | 0.0 | 0.0 | 290.31 | 3.558 | 1228.624 | 1279.088 | 0.0 | -93.506 | -92.056 | 0.0 |
| 16 | 11194 | 11195 | SN | 1 | 57.413 | 58.205 | 0.0 | 0.0 | 297.964 | 3.772 | 1189.456 | 1274.336 | 44.058 | -93.222 | -91.746 | 0.0 |
| 17 | 11195 | 11196 | SN | 2 | 57.413 | 58.203 | 0.0 | 0.0 | 295.615 | 3.685 | 1189.872 | 1274.152 | 43.831 | -92.866 | -91.774 | 0.0 |
| 18 | 11195 | 11196 | SN | 1 | 57.413 | 58.203 | 0.0 | 0.0 | 295.582 | 3.685 | 1189.872 | 1274.152 | 43.831 | -92.866 | -91.774 | 0.0 |
| 19 | 11195 | 11196 | NS | 2 | 57.568 | 58.286 | 0.0 | 0.0 | 288.958 | 3.619 | 1228.68 | 1278.912 | 0.0 | -93.126 | -92.07 | 0.0 |
| 20 | 11195 | 11196 | SN | 1 | 57.413 | 58.203 | 0.0 | 0.003 | 279.649 | 3.277 | 1189.872 | 1274.152 | 45.171 | -92.866 | -91.774 | 0.0 |
| 21 | 11195 | 11196 | NS | 1 | 57.568 | 58.286 | 0.0 | 0.0 | 289.03 | 3.617 | 1228.664 | 1278.92 | 0.0 | -93.16 | -92.069 | 0.0 |
| 22 | 11196 | 11197 | SN | 1 | 57.386 | 58.211 | 0.0 | 0.0 | 296.85 | 3.786 | 1189.8 | 1273.816 | 42.621 | -92.907 | -91.774 | 0.0 |
| 23 | 11196 | 11197 | NS | 1 | 57.606 | 58.317 | 0.0 | 0.0 | 291.732 | 3.793 | 1228.872 | 1278.648 | 0.0 | -93.176 | -92.062 | 0.0 |
| 24 | 11196 | 11197 | SN | 1 | 57.394 | 58.211 | 0.0 | 0.0 | 296.85 | 3.156 | 1189.8 | 1273.816 | 44.638 | -92.907 | -91.774 | 0.0 |
| 25 | 11197 | 11198 | SN | 1 | 57.378 | 58.203 | 0.0 | 0.003 | 292.361 | 3.875 | 1190.216 | 1273.824 | 39.514 | -93.111 | -91.776 | 0.0 |
| 26 | 11197 | 11198 | NS | 1 | 57.587 | 58.284 | 0.0 | 0.0 | 296.393 | 3.531 | 1228.976 | 1278.52 | 0.0 | -93.506 | -92.075 | 0.0 |
| 27 | 11197 | 11198 | SN | 1 | 57.378 | 58.203 | 0.0 | 0.003 | 288.186 | 3.336 | 1190.216 | 1273.824 | 41.147 | -93.111 | -91.776 | 0.0 |
| 28 | 11198 | 11199 | NS | 2 | 57.573 | 58.282 | 0.0 | 0.0 | 295.797 | 3.606 | 1229.032 | 1278.52 | 0.0 | -93.504 | -92.058 | 0.0 |
| 29 | 11198 | 11199 | SN | 1 | 57.421 | 58.221 | 0.0 | 0.0 | 284.265 | 2.665 | 1189.736 | 1273.92 | 41.159 | -93.204 | -91.74 | 0.0 |
| 30 | 11198 | 11199 | SN | 1 | 57.425 | 58.22 | 0.0 | 0.0 | 286.394 | 3.996 | 1190.224 | 1273.896 | 37.618 | -93.204 | -91.74 | 0.0 |
| 31 | 11198 | 11199 | NS | 1 | 57.574 | 58.283 | 0.0 | 0.0 | 295.731 | 3.607 | 1229.04 | 1278.536 | 0.0 | -93.504 | -92.058 | 0.0 |
| 32 | 11199 | 11200 | SN | 1 | 57.41 | 58.203 | 0.0 | 0.0 | 299.382 | 3.707 | 1189.472 | 1273.8 | 42.471 | -93.08 | -91.732 | 0.0 |
| 33 | 11200 | 11201 | SN | 1 | 57.415 | 58.202 | 0.0 | 0.0 | 296.056 | 3.758 | 1189.624 | 1273.528 | 41.941 | -92.94 | -91.767 | 0.0 |
| 34 | 11200 | 11201 | NS | 1 | 57.61 | 58.284 | 0.0 | 0.0 | 283.962 | 3.823 | 1229.256 | 1278.184 | 0.0 | -93.509 | -92.048 | 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 | 11201 | 11202 | NS | 1 | 57.59 | 58.28 | 0.0 | 0.0 | 285.727 | 3.522 | 1229.544 | 1278.168 | 0.0 | -93.469 | -92.058 | 0.0 |
| 36 | 11201 | 11202 | NS | 1 | 57.59 | 58.3 | 0.0 | 0.0 | 285.727 | 3.378 | 1229.544 | 1278.168 | 0.0 | -93.469 | -92.058 | 0.0 |
| 37 | 11202 | 11203 | NS | 1 | 57.574 | 58.278 | 0.0 | 0.0 | 290.072 | 3.6 | 1229.368 | 1278.104 | 0.0 | -93.509 | -92.07 | 0.0 |
| 38 | 11202 | 11203 | NS | 1 | 57.574 | 58.304 | 0.0 | 0.0 | 290.072 | 3.597 | 1229.368 | 1278.104 | 0.0 | -93.509 | -92.07 | 0.0 |
| 39 | 11203 | 11204 | SN | 1 | 57.411 | 58.201 | 0.0 | 0.0 | 298.4 | 3.75 | 1190.024 | 1273.504 | 43.816 | -92.961 | -91.778 | 0.0 |
| 40 | 11203 | 11204 | NS | 1 | 57.608 | 58.278 | 0.0 | 0.0 | 295.725 | 2.623 | 1229.304 | 1278.088 | 0.0 | -93.089 | -92.075 | 0.0 |
| 41 | 11203 | 11204 | NS | 1 | 57.608 | 58.278 | 0.0 | 0.0 | 295.725 | 3.633 | 1229.32 | 1278.096 | 0.0 | -93.214 | -92.075 | 0.0 |
| 42 | 11204 | 11205 | NS | 1 | 57.594 | 58.286 | 0.0 | 0.0 | 294.021 | 3.764 | 1229.296 | 1278.112 | 0.0 | -93.178 | -92.074 | 0.0 |
| 43 | 11204 | 11205 | SN | 1 | 57.416 | 58.202 | 0.0 | 0.0 | 299.641 | 3.836 | 1190.024 | 1273.488 | 43.904 | -92.907 | -91.779 | 0.0 |
| 44 | 11204 | 11205 | SN | 1 | 57.416 | 58.202 | 0.0 | 0.0 | 299.641 | 2.701 | 1190.024 | 1273.488 | 46.526 | -92.907 | -91.779 | 0.0 |
| 45 | 11205 | 11206 | NS | 1 | 57.575 | 58.304 | 0.0 | 0.0 | 290.232 | 3.753 | 1229.432 | 1277.936 | 0.0 | -93.509 | -92.068 | 0.0 |
| 46 | 11205 | 11206 | SN | 1 | 57.39 | 58.2 | 0.0 | 0.0 | 299.238 | 4.013 | 1190.288 | 1273.312 | 44.554 | -92.953 | -91.763 | 0.0 |
| 47 | 11206 | 11207 | SN | 1 | 57.418 | 58.214 | 0.0 | 0.0 | 299.878 | 3.841 | 1189.688 | 1273.216 | 43.275 | -93.095 | -91.744 | 0.0 |
| 48 | 11206 | 11207 | NS | 1 | 57.609 | 58.303 | 0.0 | 0.0 | 284.453 | 3.554 | 1229.728 | 1277.928 | 0.0 | -93.515 | -92.076 | 0.0 |
| 49 | 11206 | 11207 | NS | 1 | 57.609 | 58.303 | 0.0 | 0.0 | 284.453 | 3.566 | 1229.728 | 1277.928 | 0.0 | -93.515 | -92.076 | 0.0 |
| 50 | 11206 | 11207 | SN | 2 | 57.418 | 58.214 | 0.0 | 0.0 | 299.878 | 3.841 | 1189.688 | 1273.216 | 43.275 | -93.095 | -91.744 | 0.0 |
| 51 | 11207 | 11208 | SN | 1 | 57.392 | 58.2 | 0.0 | 0.0 | 291.6 | 3.416 | 1189.528 | 1273.36 | 43.408 | -92.942 | -91.779 | 0.0 |
| 52 | 11207 | 11208 | SN | 2 | 57.392 | 58.199 | 0.0 | 0.0 | 291.595 | 3.415 | 1189.52 | 1273.344 | 43.411 | -92.942 | -91.779 | 0.0 |
| 53 | 11208 | 11209 | SN | 2 | 57.407 | 58.197 | 0.0 | 0.0 | 295.924 | 3.683 | 1189.128 | 1273.168 | 43.929 | -92.912 | -91.773 | 0.0 |
| 54 | 11208 | 11209 | NS | 1 | 57.612 | 58.31 | 0.0 | 0.0 | 290.056 | 3.679 | 1229.816 | 1278.104 | 0.0 | -93.516 | -92.063 | 0.0 |
| 55 | 11208 | 11209 | SN | 1 | 57.407 | 58.197 | 0.0 | 0.0 | 295.924 | 3.681 | 1189.128 | 1273.168 | 43.929 | -92.912 | -91.773 | 0.0 |
| 56 | 11209 | 11210 | NS | 1 | 57.614 | 58.31 | 0.0 | 0.0 | 292.736 | 3.559 | 1229.928 | 1277.912 | 0.0 | -93.468 | -92.064 | 0.0 |
| 57 | 11209 | 11210 | SN | 1 | 57.413 | 58.195 | 0.0 | 0.0 | 289.786 | 3.731 | 1189.832 | 1272.912 | 44.364 | -92.884 | -91.774 | 0.0 |
| 58 | 11209 | 11210 | NS | 1 | 57.614 | 58.306 | 0.0 | 0.0 | 292.72 | 3.561 | 1229.936 | 1277.904 | 0.0 | -93.468 | -92.064 | 0.0 |
| 59 | 11210 | 11211 | NS | 1 | 57.582 | 58.282 | 0.0 | 0.0 | 299.007 | 3.751 | 1230.096 | 1277.696 | 0.0 | -93.514 | -92.082 | 0.0 |
| 60 | 11210 | 11211 | SN | 2 | 57.382 | 58.194 | 0.0 | 0.0 | 298.466 | 3.684 | 1189.968 | 1272.704 | 43.272 | -93.002 | -91.774 | 0.0 |
| 61 | 11210 | 11211 | SN | 1 | 57.382 | 58.194 | 0.0 | 0.0 | 298.466 | 3.685 | 1189.968 | 1272.704 | 43.271 | -93.002 | -91.774 | 0.0 |
| 62 | 11210 | 11211 | SN | 1 | 57.382 | 58.194 | 0.0 | 0.003 | 298.466 | 3.519 | 1189.968 | 1272.704 | 43.474 | -93.002 | -91.774 | 0.0 |
| 63 | 11211 | 11212 | NS | 2 | 57.615 | 58.304 | 0.0 | 0.0 | 296.668 | 3.681 | 1230.232 | 1277.472 | 0.0 | -93.296 | -92.084 | 0.0 |
| 64 | 11211 | 11212 | SN | 1 | 57.387 | 58.204 | 0.0 | 0.0 | 296.867 | 3.819 | 1189.416 | 1272.528 | 41.139 | -92.97 | -91.776 | 0.0 |
| 65 | 11211 | 11212 | SN | 1 | 57.4 | 58.204 | 0.0 | 0.0 | 296.867 | 3.824 | 1189.416 | 1272.528 | 41.077 | -92.97 | -91.776 | 0.0 |
| 66 | 11211 | 11212 | SN | 1 | 57.4 | 58.204 | 0.0 | 0.003 | 296.668 | 3.473 | 1189.416 | 1272.528 | 42.073 | -92.853 | -91.776 | 0.0 |
| 67 | 11211 | 11212 | NS | 1 | 57.602 | 58.306 | 0.0 | 0.0 | 296.641 | 3.678 | 1230.232 | 1277.512 | 0.0 | -93.296 | -92.084 | 0.0 |
| 68 | 11212 | 11213 | SN | 2 | 57.418 | 58.195 | 0.0 | 0.0 | 297.705 | 3.888 | 1190.272 | 1272.616 | 39.504 | -92.974 | -91.763 | 0.0 |
| 69 | 11212 | 11213 | SN | 1 | 57.418 | 58.195 | 0.0 | 0.0 | 297.705 | 3.888 | 1190.272 | 1272.616 | 39.504 | -92.974 | -91.763 | 0.0 |
| 70 | 11212 | 11213 | NS | 1 | 57.613 | 58.308 | 0.0 | 0.0 | 295.339 | 3.591 | 1230.2 | 1277.456 | 0.0 | -93.515 | -92.083 | 0.0 |
| 71 | 11212 | 11213 | SN | 1 | 57.418 | 58.195 | 0.0 | 0.0 | 297.705 | 3.056 | 1190.272 | 1272.616 | 41.827 | -92.974 | -91.763 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 72 | 11213 | 11214 | NS | 1 | 57.585 | 58.288 | 0.0 | 0.0 | 299.873 | 3.808 | 1229.984 | 1277.408 | 0.0 | -93.517 | -92.057 | 0.0 |
| 73 | 11213 | 11214 | SN | 2 | 57.401 | 58.195 | 0.0 | 0.0 | 299.227 | 3.908 | 1190.016 | 1272.568 | 40.0 | -93.143 | -91.724 | 0.0 |
| 74 | 11213 | 11214 | SN | 1 | 57.401 | 58.195 | 0.0 | 0.0 | 299.183 | 3.91 | 1190.008 | 1272.584 | 40.007 | -93.143 | -91.724 | 0.0 |
| 75 | 11213 | 11214 | NS | 1 | 57.585 | 58.288 | 0.0 | 0.0 | 299.873 | 3.816 | 1229.984 | 1277.504 | 0.0 | -93.517 | -92.057 | 0.0 |
| 76 | 11214 | 11215 | NS | 1 | 57.613 | 58.298 | 0.0 | 0.0 | 285.611 | 3.769 | 1230.68 | 1277.184 | 0.0 | -93.52 | -92.055 | 0.0 |
| 77 | 11214 | 11215 | NS | 1 | 57.613 | 58.296 | 0.0 | 0.0 | 285.611 | 3.773 | 1230.68 | 1277.184 | 0.0 | -93.52 | -92.055 | 0.0 |
| 78 | 11215 | 11216 | NS | 1 | 57.615 | 58.274 | 0.0 | 0.0 | 288.87 | 3.574 | 1230.848 | 1277.064 | 0.0 | -93.11 | -92.06 | 0.0 |
| 79 | 11215 | 11216 | NS | 1 | 57.615 | 58.274 | 0.0 | 0.0 | 288.87 | 3.57 | 1230.848 | 1277.064 | 0.0 | -93.109 | -92.06 | 0.0 |
| 80 | 11215 | 11216 | SN | 1 | 57.393 | 58.193 | 0.0 | 0.0 | 287.778 | 3.863 | 1190.44 | 1272.216 | 40.293 | -93.011 | -91.744 | 0.0 |
| 81 | 11216 | 11217 | NS | 2 | 57.592 | 58.299 | 0.0 | 0.0 | 295.003 | 3.694 | 1230.68 | 1277.064 | 0.0 | -93.714 | -92.083 | 0.0 |
| 82 | 11216 | 11217 | NS | 1 | 57.591 | 58.299 | 0.0 | 0.0 | 295.08 | 3.693 | 1230.68 | 1277.064 | 0.0 | -93.714 | -92.083 | 0.0 |
| 83 | 11216 | 11217 | SN | 2 | 57.418 | 58.193 | 0.0 | 0.0 | 297.926 | 3.838 | 1190.2 | 1272.184 | 42.843 | -92.862 | -91.752 | 0.0 |
| 84 | 11216 | 11217 | SN | 1 | 57.418 | 58.193 | 0.0 | 0.0 | 297.926 | 3.838 | 1190.2 | 1272.184 | 42.843 | -92.862 | -91.752 | 0.0 |
| 85 | 11217 | 11218 | NS | 1 | 57.598 | 58.282 | 0.0 | 0.003 | 294.981 | 3.641 | 1230.856 | 1276.936 | 0.0 | -93.14 | -92.079 | 0.0 |
| 86 | 11217 | 11218 | NS | 1 | 57.598 | 58.282 | 0.0 | 0.003 | 281.855 | 2.95 | 1230.856 | 1276.936 | 0.0 | -93.14 | -92.079 | 0.0 |
| 87 | 11217 | 11218 | SN | 1 | 57.414 | 58.193 | 0.0 | 0.0 | 297.076 | 3.721 | 1190.288 | 1272.128 | 42.69 | -92.882 | -91.775 | 0.0 |
| 88 | 11217 | 11218 | SN | 1 | 57.402 | 58.193 | 0.0 | 0.0 | 297.076 | 3.717 | 1190.288 | 1272.128 | 42.675 | -92.882 | -91.775 | 0.0 |
| 89 | 11218 | 11219 | NS | 1 | 57.587 | 58.277 | 0.0 | 0.0 | 281.96 | 2.279 | 1230.536 | 1276.968 | 0.0 | -93.374 | -92.087 | 0.0 |
| 90 | 11218 | 11219 | SN | 1 | 57.414 | 58.194 | 0.0 | 0.0 | 295.929 | 3.704 | 1190.28 | 1272.136 | 43.872 | -92.81 | -91.779 | 0.0 |
| 91 | 11218 | 11219 | SN | 1 | 57.395 | 58.194 | 0.0 | 0.0 | 295.951 | 3.701 | 1190.168 | 1272.144 | 43.852 | -92.81 | -91.779 | 0.0 |
| 92 | 11218 | 11219 | NS | 1 | 57.587 | 58.277 | 0.0 | 0.0 | 299.233 | 3.632 | 1230.536 | 1276.968 | 0.0 | -93.125 | -92.087 | 0.0 |
| 93 | 11219 | 11220 | NS | 2 | 57.586 | 58.272 | 0.0 | 0.0 | 298.411 | 3.85 | 1230.52 | 1276.928 | 0.0 | -93.518 | -92.088 | 0.0 |
| 94 | 11219 | 11220 | NS | 1 | 57.586 | 58.272 | 0.0 | 0.0 | 298.411 | 3.85 | 1230.52 | 1276.928 | 0.0 | -93.518 | -92.088 | 0.0 |
| 95 | 11219 | 11220 | NS | 1 | 57.586 | 58.302 | 0.0 | 0.0 | 283.708 | 2.243 | 1230.52 | 1276.584 | 0.0 | -93.518 | -92.088 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| 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 | 11190 | 11191 | SN | 1 | -34.311 | 15.11 | 0.0 | -34.891 | 19.926 | 0.0 | 1.479 | 22.922 | 0.047 | 5.074 | 22.662 | 0.081 | 0.087 | 199.87 | 2.027 | 0.086 | 228.486 | 1.978 | 0.086 | 0.13 | 0.0 | 0.086 | 0.104 | 0.0 |
| 2 | 11190 | 11191 | SN | 1 | -34.311 | 18.337 | 0.0 | -34.891 | 19.929 | 0.0 | 1.479 | 22.922 | 0.1 | 5.074 | 22.662 | 0.129 | 0.086 | 199.87 | 1.975 | 0.086 | 228.486 | 1.79 | 0.086 | 0.13 | 0.0 | 0.086 | 0.104 | 0.0 |
| 3 | 11191 | 11192 | SN | 1 | -34.874 | 20.872 | 0.0 | -34.767 | 21.064 | 0.0 | -4.099 | 22.942 | 0.03 | -3.148 | 22.706 | 0.027 | 0.086 | 227.596 | 1.281 | 0.086 | 222.059 | 1.095 | 0.086 | 0.26 | 0.0 | 0.086 | 0.224 | 0.0 |
| 4 | 11191 | 11192 | NS | 1 | -34.872 | 19.845 | 0.0 | -34.498 | 19.756 | 0.0 | -3.2 | 23.052 | 0.037 | -4.133 | 23.603 | 0.188 | 0.086 | 227.457 | 2.03 | 0.086 | 208.668 | 2.011 | 0.086 | 0.226 | 0.0 | 0.086 | 0.262 | 0.0 |
| 5 | 11191 | 11192 | SN | 1 | -34.874 | 20.872 | 0.0 | -34.767 | 21.064 | 0.0 | -4.082 | 22.942 | 0.03 | -3.143 | 22.706 | 0.027 | 0.086 | 227.596 | 1.23 | 0.086 | 222.059 | 1.042 | 0.086 | 0.26 | 0.0 | 0.086 | 0.224 | 0.0 |
| 6 | 11191 | 11192 | NS | 1 | -34.847 | 19.845 | 0.0 | -34.99 | 19.754 | 0.0 | -3.2 | 23.052 | 0.037 | -4.133 | 23.601 | 0.188 | 0.086 | 226.187 | 2.026 | 0.086 | 233.698 | 2.009 | 0.086 | 0.226 | 0.0 | 0.086 | 0.262 | 0.0 |
| 7 | 11192 | 11193 | SN | 1 | -34.515 | 21.241 | 0.0 | -34.468 | 20.919 | 0.0 | -5.433 | 22.732 | 0.028 | -2.82 | 22.616 | 0.019 | 0.086 | 209.508 | 2.567 | 0.086 | 207.313 | 2.1 | 0.086 | 0.327 | 0.0 | 0.086 | 0.213 | 0.0 |
| 8 | 11192 | 11193 | NS | 1 | -34.623 | 19.902 | 0.0 | -34.441 | 19.403 | 0.0 | -16.048 | 22.387 | 0.012 | -8.672 | 23.411 | 0.066 | 0.086 | 214.838 | 2.503 | 0.086 | 205.929 | 2.548 | 0.086 | 3.046 | 0.003 | 0.086 | 0.612 | 0.0 |
| 9 | 11192 | 11193 | NS | 2 | -34.578 | 19.902 | 0.0 | -34.441 | 19.403 | 0.0 | -16.039 | 22.387 | 0.012 | -8.672 | 23.411 | 0.066 | 0.086 | 212.59 | 2.503 | 0.086 | 205.929 | 2.549 | 0.086 | 3.04 | 0.003 | 0.086 | 0.612 | 0.0 |
| 10 | 11192 | 11193 | SN | 1 | -34.329 | 21.241 | 0.0 | -34.359 | 20.919 | 0.0 | -5.437 | 22.732 | 0.028 | -2.824 | 22.616 | 0.019 | 0.086 | 200.739 | 2.541 | 0.086 | 202.11 | 2.076 | 0.086 | 0.328 | 0.0 | 0.086 | 0.213 | 0.0 |
| 11 | 11193 | 11194 | SN | 1 | -34.996 | 18.235 | 0.0 | -34.699 | 18.55 | 0.0 | 1.748 | 22.812 | 0.039 | 2.601 | 22.303 | 0.007 | 0.086 | 234.088 | 2.423 | 0.086 | 218.56 | 2.077 | 0.086 | 0.127 | 0.0 | 0.086 | 0.119 | 0.0 |
| 12 | 11193 | 11194 | NS | 1 | -34.523 | 18.199 | 0.0 | -34.804 | 17.204 | 0.0 | -8.411 | 21.644 | 0.0 | -30.607 | 22.752 | 0.034 | 0.086 | 209.874 | 6.099 | 0.087 | 223.924 | 6.488 | 0.086 | 0.58 | 0.0 | 0.086 | 85.233 | 0.031 |
| 13 | 11193 | 11194 | SN | 1 | -34.996 | 18.235 | 0.0 | -34.699 | 18.55 | 0.0 | 1.748 | 22.812 | 0.039 | 2.601 | 22.303 | 0.007 | 0.086 | 234.088 | 2.461 | 0.086 | 218.56 | 2.098 | 0.086 | 0.127 | 0.0 | 0.086 | 0.119 | 0.0 |
| 14 | 11193 | 11194 | SN | 1 | -34.176 | 18.233 | 0.0 | -34.492 | 18.55 | 0.0 | 1.748 | 22.812 | 0.039 | 2.601 | 22.303 | 0.007 | 0.086 | 193.783 | 2.426 | 0.086 | 208.361 | 2.076 | 0.086 | 0.127 | 0.0 | 0.086 | 0.119 | 0.0 |
| 15 | 11194 | 11195 | NS | 1 | -34.538 | 18.181 | 0.0 | -34.793 | 17.582 | 0.0 | -19.626 | 22.385 | 0.014 | -22.663 | 23.43 | 0.047 | 0.086 | 210.65 | 3.219 | 0.087 | 223.391 | 4.608 | 0.086 | 6.861 | 0.027 | 0.086 | 13.74 | 0.045 |
| 16 | 11194 | 11195 | SN | 1 | -33.933 | 18.454 | 0.0 | -34.943 | 18.47 | 0.0 | 0.576 | 22.484 | 0.094 | 1.28 | 23.193 | 0.235 | 0.086 | 183.29 | 1.013 | 0.086 | 231.222 | 0.762 | 0.086 | 0.141 | 0.0 | 0.086 | 0.132 | 0.0 |
| 17 | 11195 | 11196 | SN | 2 | -34.236 | 17.3 | 0.0 | -34.697 | 17.743 | 0.0 | 0.489 | 22.376 | 0.015 | 2.409 | 23.046 | 0.192 | 0.087 | 196.533 | 2.578 | 0.086 | 218.502 | 2.316 | 0.086 | 0.142 | 0.0 | 0.086 | 0.121 | 0.0 |
| 18 | 11195 | 11196 | SN | 1 | -34.236 | 17.3 | 0.0 | -34.697 | 17.743 | 0.0 | 0.489 | 22.376 | 0.015 | 2.409 | 23.046 | 0.192 | 0.087 | 196.533 | 2.578 | 0.086 | 218.502 | 2.316 | 0.086 | 0.142 | 0.0 | 0.086 | 0.121 | 0.0 |
| 19 | 11195 | 11196 | NS | 2 | -34.507 | 18.555 | 0.0 | -34.241 | 16.963 | 0.0 | -17.999 | 22.721 | 0.012 | -18.064 | 22.777 | 0.045 | 0.086 | 209.151 | 1.82 | 0.087 | 196.726 | 1.902 | 0.086 | 4.735 | 0.024 | 0.086 | 4.806 | 0.012 |
| 20 | 11195 | 11196 | SN | 1 | -34.236 | 15.999 | 0.0 | -34.697 | 17.126 | 0.0 | 0.489 | 22.376 | 0.016 | 2.409 | 23.046 | 0.202 | 0.087 | 196.533 | 2.655 | 0.087 | 218.502 | 2.384 | 0.086 | 0.142 | 0.0 | 0.086 | 0.121 | 0.0 |
| 21 | 11195 | 11196 | NS | 1 | -34.507 | 18.555 | 0.0 | -34.241 | 16.963 | 0.0 | -17.999 | 22.721 | 0.012 | -18.064 | 22.777 | 0.045 | 0.086 | 209.151 | 1.82 | 0.087 | 196.726 | 1.9 | 0.086 | 4.735 | 0.024 | 0.086 | 4.806 | 0.012 |
| 22 | 11196 | 11197 | SN | 1 | -34.835 | 17.675 | 0.0 | -34.27 | 18.041 | 0.0 | 0.014 | 22.084 | 0.004 | 3.61 | 21.88 | 0.0 | 0.087 | 225.562 | 3.742 | 0.086 | 198.08 | 3.417 | 0.086 | 0.149 | 0.0 | 0.086 | 0.112 | 0.0 |
| 23 | 11196 | 11197 | NS | 1 | -34.289 | 20.332 | 0.0 | -32.179 | 21.202 | 0.0 | -28.881 | 22.144 | 0.005 | -31.571 | 23.108 | 0.079 | 0.086 | 198.923 | 2.342 | 0.086 | 122.394 | 2.312 | 0.086 | 57.301 | 0.146 | 0.086 | 106.383 | 0.056 |
| 24 | 11196 | 11197 | SN | 1 | -34.835 | 14.853 | 0.0 | -34.27 | 16.391 | 0.0 | 0.014 | 22.084 | 0.004 | 3.61 | 21.88 | 0.0 | 0.087 | 225.562 | 3.876 | 0.087 | 198.08 | 3.6 | 0.086 | 0.149 | 0.0 | 0.086 | 0.112 | 0.0 |
| 25 | 11197 | 11198 | SN | 1 | -34.834 | 18.3 | 0.0 | -34.804 | 18.889 | 0.0 | -2.614 | 23.594 | 0.389 | -3.618 | 23.754 | 0.864 | 0.086 | 225.448 | 2.97 | 0.086 | 223.939 | 2.412 | 0.086 | 0.207 | 0.0 | 0.086 | 0.241 | 0.0 |
| 26 | 11197 | 11198 | NS | 1 | -33.304 | 20.026 | 0.0 | -34.094 | 20.348 | 0.0 | 3.39 | 22.124 | 0.015 | 1.874 | 23.057 | 0.214 | 0.086 | 158.527 | 1.325 | 0.086 | 190.162 | 1.405 | 0.086 | 0.113 | 0.0 | 0.086 | 0.126 | 0.0 |
| 27 | 11197 | 11198 | SN | 1 | -34.834 | 18.3 | 0.0 | -34.804 | 18.889 | 0.0 | -2.614 | 23.594 | 0.397 | -3.618 | 23.754 | 0.864 | 0.086 | 225.448 | 3.124 | 0.086 | 223.939 | 2.599 | 0.086 | 0.207 | 0.0 | 0.086 | 0.241 | 0.0 |
| 28 | 11198 | 11199 | NS | 2 | -34.321 | 20.642 | 0.0 | -34.67 | 20.817 | 0.0 | 0.065 | 23.295 | 0.174 | -0.089 | 23.745 | 0.796 | 0.086 | 200.425 | 2.033 | 0.086 | 217.13 | 1.8 | 0.086 | 0.148 | 0.0 | 0.086 | 0.151 | 0.0 |
| 29 | 11198 | 11199 | SN | 1 | -34.823 | 18.23 | 0.0 | -33.899 | 17.348 | 0.0 | -15.654 | 23.276 | 0.412 | -7.925 | 23.908 | 0.872 | 0.086 | 224.938 | 2.528 | 0.087 | 181.828 | 2.267 | 0.086 | 2.787 | 0.005 | 0.086 | 0.526 | 0.0 |
| 30 | 11198 | 11199 | SN | 1 | -34.823 | 18.23 | 0.0 | -33.808 | 17.822 | 0.0 | -15.676 | 23.276 | 0.375 | -7.925 | 23.908 | 0.989 | 0.086 | 224.938 | 2.37 | 0.086 | 178.044 | 2.073 | 0.086 | 2.8 | 0.005 | 0.086 | 0.526 | 0.0 |
| 31 | 11198 | 11199 | NS | 1 | -34.428 | 20.642 | 0.0 | -33.928 | 20.817 | 0.0 | 0.065 | 23.295 | 0.174 | -0.089 | 23.745 | 0.796 | 0.086 | 205.34 | 2.035 | 0.086 | 183.058 | 1.799 | 0.086 | 0.148 | 0.0 | 0.086 | 0.151 | 0.0 |
| 32 | 11199 | 11200 | SN | 1 | -34.634 | 18.942 | 0.0 | -33.636 | 18.852 | 0.0 | -20.573 | 23.524 | 0.261 | -10.205 | 23.671 | 0.443 | 0.086 | 215.342 | 1.752 | 0.086 | 171.172 | 1.532 | 0.086 | 8.516 | 0.027 | 0.086 | 0.842 | 0.0 |

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

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|----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 11200 | 11201 | SN | 1 | -34.898 | 20.07 | 0.0 | -34.733 | 20.077 | 0.0 | -31.726 | 23.533 | 0.33 | -21.095 | 23.631 | 0.283 | 0.086 | 228.876 | 7.585 | 0.086 | 220.263 | 6.419 | 0.086 | 118.392 | 0.144 | 0.086 | 10.301 | 0.066 |
| 34 | 11200 | 11201 | NS | 1 | -34.396 | 21.095 | 0.0 | -34.533 | 21.61 | 0.0 | 0.888 | 22.993 | 0.04 | -13.53 | 24.155 | 1.201 | 0.086 | 203.881 | 3.449 | 0.086 | 210.373 | 3.425 | 0.086 | 0.137 | 0.0 | 0.086 | 1.734 | 0.007 |
| 35 | 11201 | 11202 | NS | 1 | -34.583 | 19.777 | 0.0 | -34.393 | 21.61 | 0.0 | -5.273 | 22.454 | 0.049 | -4.152 | 23.915 | 1.101 | 0.086 | 212.827 | 1.723 | 0.086 | 203.702 | 1.449 | 0.086 | 0.318 | 0.0 | 0.086 | 0.263 | 0.0 |
| 36 | 11201 | 11202 | NS | 1 | -34.583 | 19.777 | 0.0 | -34.393 | 21.61 | 0.0 | -5.273 | 22.45 | 0.053 | -4.152 | 23.915 | 1.119 | 0.086 | 212.827 | 1.729 | 0.086 | 203.702 | 1.448 | 0.086 | 0.318 | 0.0 | 0.086 | 0.263 | 0.0 |
| 37 | 11202 | 11203 | NS | 1 | -34.226 | 21.604 | 0.0 | -34.403 | 20.252 | 0.0 | -4.41 | 22.463 | 0.063 | -2.285 | 23.745 | 1.168 | 0.086 | 196.008 | 1.442 | 0.086 | 204.213 | 1.446 | 0.086 | 0.274 | 0.0 | 0.086 | 0.198 | 0.0 |
| 38 | 11202 | 11203 | NS | 1 | -34.226 | 21.604 | 0.0 | -34.403 | 20.252 | 0.0 | -4.41 | 22.463 | 0.063 | -2.285 | 23.745 | 1.164 | 0.086 | 196.008 | 1.44 | 0.086 | 204.213 | 1.443 | 0.086 | 0.274 | 0.0 | 0.086 | 0.198 | 0.0 |
| 39 | 11203 | 11204 | SN | 1 | -34.126 | 17.843 | 0.0 | -34.3 | 19.827 | 0.0 | -18.878 | 23.442 | 0.613 | -32.966 | 23.458 | 1.232 | 0.086 | 191.602 | 3.012 | 0.086 | 199.363 | 2.868 | 0.086 | 5.783 | 0.062 | 0.086 | 146.678 | 0.135 |
| 40 | 11203 | 11204 | NS | 1 | -33.884 | 21.548 | 0.0 | -34.208 | 20.534 | 0.0 | -4.843 | 22.979 | 0.172 | 1.62 | 23.566 | 1.815 | 0.086 | 181.18 | 1.188 | 0.086 | 195.231 | 1.302 | 0.086 | 0.295 | 0.0 | 0.086 | 0.128 | 0.0 |
| 41 | 11203 | 11204 | NS | 1 | -33.088 | 21.548 | 0.0 | -34.414 | 20.534 | 0.0 | -4.845 | 22.979 | 0.119 | 1.623 | 23.56 | 1.314 | 0.086 | 150.899 | 1.178 | 0.086 | 204.748 | 1.302 | 0.086 | 0.295 | 0.0 | 0.086 | 0.128 | 0.0 |
| 42 | 11204 | 11205 | NS | 1 | -34.92 | 19.035 | 0.0 | -34.83 | 19.053 | 0.0 | 2.511 | 23.524 | 0.646 | 2.664 | 23.793 | 1.282 | 0.086 | 230.001 | 3.425 | 0.086 | 225.28 | 3.129 | 0.086 | 0.12 | 0.0 | 0.086 | 0.118 | 0.0 |
| 43 | 11204 | 11205 | SN | 1 | -34.968 | 17.812 | 0.0 | -34.914 | 19.899 | 0.0 | 3.297 | 23.278 | 0.562 | 5.146 | 23.665 | 1.618 | 0.086 | 232.573 | 1.166 | 0.086 | 229.693 | 0.812 | 0.086 | 0.114 | 0.0 | 0.086 | 0.104 | 0.0 |
| 44 | 11204 | 11205 | SN | 1 | -34.968 | 12.74 | 0.0 | -34.914 | 13.744 | 0.0 | 3.297 | 23.278 | 0.56 | 5.146 | 23.669 | 1.655 | 0.089 | 232.573 | 1.188 | 0.088 | 229.693 | 0.877 | 0.086 | 0.114 | 0.0 | 0.086 | 0.104 | 0.0 |
| 45 | 11205 | 11206 | NS | 1 | -34.971 | 20.36 | 0.0 | -34.875 | 19.756 | 0.0 | 0.508 | 23.798 | 0.278 | 0.268 | 23.788 | 0.558 | 0.086 | 232.744 | 4.537 | 0.086 | 227.633 | 4.609 | 0.086 | 0.142 | 0.0 | 0.086 | 0.145 | 0.0 |
| 46 | 11205 | 11206 | SN | 1 | -34.337 | 20.882 | 0.0 | -33.455 | 21.188 | 0.0 | 0.859 | 22.648 | 0.032 | 4.552 | 22.65 | 0.012 | 0.086 | 201.132 | 1.036 | 0.086 | 164.158 | 0.725 | 0.086 | 0.137 | 0.0 | 0.086 | 0.11 | 0.0 |
| 47 | 11206 | 11207 | SN | 1 | -34.594 | 20.285 | 0.0 | -33.421 | 20.973 | 0.0 | -3.442 | 22.825 | 0.043 | -4.285 | 22.704 | 0.023 | 0.086 | 214.288 | 3.216 | 0.086 | 162.888 | 2.603 | 0.086 | 0.234 | 0.0 | 0.086 | 0.268 | 0.0 |
| 48 | 11206 | 11207 | NS | 1 | -34.739 | 19.367 | 0.0 | -34.984 | 19.251 | 0.0 | -4.039 | 24.478 | 0.011 | -5.23 | 24.624 | 0.095 | 0.086 | 220.593 | 1.78 | 0.086 | 233.387 | 1.78 | 0.086 | 0.258 | 0.0 | 0.086 | 0.316 | 0.0 |
| 49 | 11206 | 11207 | NS | 1 | -34.739 | 19.367 | 0.0 | -34.984 | 19.251 | 0.0 | -4.039 | 24.478 | 0.011 | -5.23 | 24.624 | 0.099 | 0.086 | 220.593 | 1.78 | 0.086 | 233.387 | 1.78 | 0.086 | 0.258 | 0.0 | 0.086 | 0.316 | 0.0 |
| 50 | 11206 | 11207 | SN | 2 | -34.594 | 20.285 | 0.0 | -33.421 | 20.973 | 0.0 | -3.442 | 22.825 | 0.043 | -4.285 | 22.704 | 0.023 | 0.086 | 214.288 | 3.216 | 0.086 | 162.888 | 2.603 | 0.086 | 0.234 | 0.0 | 0.086 | 0.268 | 0.0 |
| 51 | 11207 | 11208 | SN | 1 | -34.281 | 19.217 | 0.0 | -34.866 | 19.559 | 0.0 | 1.609 | 22.435 | 0.07 | -1.958 | 22.515 | 0.066 | 0.086 | 198.532 | 3.167 | 0.086 | 227.142 | 2.663 | 0.086 | 0.128 | 0.0 | 0.086 | 0.189 | 0.0 |
| 52 | 11207 | 11208 | SN | 2 | -34.281 | 19.217 | 0.0 | -34.866 | 19.559 | 0.0 | 1.609 | 22.435 | 0.07 | -1.958 | 22.515 | 0.066 | 0.086 | 198.532 | 3.167 | 0.086 | 227.142 | 2.663 | 0.086 | 0.128 | 0.0 | 0.086 | 0.189 | 0.0 |
| 53 | 11208 | 11209 | SN | 2 | -34.82 | 18.256 | 0.0 | -34.776 | 18.721 | 0.0 | 1.574 | 22.438 | 0.023 | 1.685 | 22.642 | 0.028 | 0.086 | 224.762 | 2.192 | 0.086 | 222.488 | 1.913 | 0.086 | 0.129 | 0.0 | 0.086 | 0.128 | 0.0 |
| 54 | 11208 | 11209 | NS | 1 | -34.484 | 18.315 | 0.0 | -34.977 | 17.087 | 0.0 | -24.079 | 22.064 | 0.004 | -26.518 | 22.58 | 0.055 | 0.086 | 207.993 | 6.71 | 0.087 | 233.088 | 7.314 | 0.086 | 19.006 | 0.152 | 0.086 | 33.286 | 0.133 |
| 55 | 11208 | 11209 | SN | 1 | -34.82 | 18.256 | 0.0 | -34.776 | 18.721 | 0.0 | 1.574 | 22.438 | 0.023 | 1.685 | 22.642 | 0.028 | 0.086 | 224.762 | 2.192 | 0.086 | 222.488 | 1.913 | 0.086 | 0.129 | 0.0 | 0.086 | 0.128 | 0.0 |
| 56 | 11209 | 11210 | NS | 1 | -34.504 | 18.086 | 0.0 | -34.523 | 16.841 | 0.0 | -17.792 | 23.126 | 0.043 | -14.368 | 22.887 | 0.081 | 0.086 | 209.016 | 1.569 | 0.087 | 215.235 | 1.576 | 0.086 | 4.518 | 0.004 | 0.086 | 2.09 | 0.001 |
| 57 | 11209 | 11210 | SN | 1 | -33.648 | 18.36 | 0.0 | -34.98 | 18.122 | 0.0 | 0.905 | 22.331 | 0.054 | 2.084 | 22.548 | 0.303 | 0.086 | 177.566 | 1.157 | 0.086 | 241.286 | 1.038 | 0.086 | 0.136 | 0.0 | 0.086 | 0.124 | 0.0 |
| 58 | 11209 | 11210 | NS | 1 | -33.293 | 18.086 | 0.0 | -32.081 | 16.841 | 0.0 | -17.829 | 23.128 | 0.043 | -14.368 | 22.887 | 0.082 | 0.086 | 158.16 | 1.57 | 0.087 | 119.668 | 1.568 | 0.086 | 4.556 | 0.004 | 0.086 | 2.09 | 0.001 |
| 59 | 11210 | 11211 | NS | 1 | -34.671 | 21.029 | 0.0 | -34.889 | 16.737 | 0.0 | -19.416 | 22.368 | 0.002 | -19.05 | 23.468 | 0.035 | 0.086 | 217.166 | 3.404 | 0.087 | 228.376 | 3.137 | 0.086 | 6.539 | 0.01 | 0.086 | 6.014 | 0.025 |
| 60 | 11210 | 11211 | SN | 2 | -32.795 | 16.935 | 0.0 | -33.497 | 17.624 | 0.0 | 0.307 | 22.337 | 0.035 | 2.225 | 22.56 | 0.027 | 0.087 | 141.012 | 0.652 | 0.087 | 165.761 | 0.514 | 0.086 | 0.144 | 0.0 | 0.086 | 0.122 | 0.0 |
| 61 | 11210 | 11211 | SN | 1 | -32.795 | 16.935 | 0.0 | -33.497 | 17.624 | 0.0 | 0.307 | 22.337 | 0.035 | 2.225 | 22.56 | 0.027 | 0.087 | 141.012 | 0.652 | 0.087 | 165.761 | 0.514 | 0.086 | 0.144 | 0.0 | 0.086 | 0.122 | 0.0 |
| 62 | 11210 | 11211 | SN | 1 | -32.795 | 16.853 | 0.0 | -33.497 | 17.624 | 0.0 | 0.307 | 22.337 | 0.035 | 2.225 | 22.56 | 0.027 | 0.087 | 141.026 | 0.654 | 0.087 | 165.761 | 0.517 | 0.086 | 0.144 | 0.0 | 0.086 | 0.122 | 0.0 |
| 63 | 11211 | 11212 | NS | 2 | -34.462 | 20.393 | 0.0 | -33.466 | 21.032 | 0.0 | -23.844 | 22.393 | 0.032 | -25.678 | 22.664 | 0.08 | 0.086 | 206.961 | 1.378 | 0.086 | 164.56 | 1.375 | 0.086 | 18.012 | 0.19 | 0.086 | 27.445 | 0.151 |
| 64 | 11211 | 11212 | SN | 1 | -34.301 | 16.9 | 0.0 | -34.854 | 17.447 | 0.0 | -5.266 | 23.315 | 0.272 | 0.345 | 23.782 | 0.535 | 0.087 | 206.342 | 3.014 | 0.087 | 226.541 | 2.767 | 0.086 | 0.318 | 0.0 | 0.086 | 0.144 | 0.0 |
| 65 | 11211 | 11212 | SN | 1 | -34.718 | 16.901 | 0.0 | -34.646 | 17.447 | 0.0 | -5.266 | 23.315 | 0.273 | 0.345 | 23.782 | 0.535 | 0.087 | 219.479 | 3.009 | 0.087 | 215.957 | 2.77 | 0.086 | 0.318 | 0.0 | 0.086 | 0.144 | 0.0 |
| 66 | 11211 | 11212 | SN | 1 | -34.718 | 14.528 | 0.0 | -34.646 | 17.276 | 0.0 | -5.266 | 23.315 | 0.277 | 0.345 | 23.782 | 0.535 | 0.088 | 219.479 | 3.087 | 0.087 | 215.957 | 2.844 | 0.086 | 0.318 | 0.0 | 0.086 | 0.144 | 0.0 |
| 67 | 11211 | 11212 | NS | 1 | -34.462 | 20.393 | 0.0 | -33.466 | 21.032 | 0.0 | -23.844 | 22.393 | 0.032 | -25.705 | 22.664 | 0.08 | 0.086 | 206.961 | 1.378 | 0.086 | 164.56 | 1.375 | 0.086 | 18.012 | 0.19 | 0.086 | 27.61 | 0.151 |
| 68 | 11212 | 11213 | SN | 2 | -34.977 | 17.164 | 0.0 | -34.722 | 17.87 | 0.0 | -23.935 | 23.624 | 0.499 | -10.655 | 23.892 | 1.217 | 0.087 | 233.02 | 3.541 | 0.086 | 219.737 | 3.487 | 0.086 | 19.745 | 0.003 | 0.086 | 0.996 | 0.0 |
| 69 | 11212 | 11213 | SN | 1 | -34.977 | 17.164 | 0.0 | -34.722 | 17.87 | 0.0 | -23.935 | 23.624 | 0.499 | -10.655 | 23.892 | 1.217 | 0.087 | 233.02 | 3.541 | 0.086 | 219.737 | 3.487 | 0.086 | 19.745 | 0.003 | 0.086 | 0.996 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 70 | 11212 | 11213 | NS | 1 | -34.92 | 20.86 | 0.0 | -33.898 | 20.603 | 0.0 | 2.095 | 22.34 | 0.015 | 1.628 | 23.538 | 0.258 | 0.086 | 230.008 | 1.025 | 0.086 | 181.757 | 0.864 | 0.086 | 0.124 | 0.0 | 0.086 | 0.128 | 0.0 |
| 71 | 11212 | 11213 | SN | 1 | -34.977 | 17.164 | 0.0 | -34.722 | 17.87 | 0.0 | -23.935 | 23.624 | 0.515 | -10.655 | 23.892 | 1.219 | 0.087 | 233.02 | 3.795 | 0.086 | 219.737 | 3.838 | 0.086 | 19.745 | 0.003 | 0.086 | 0.996 | 0.0 |
| 72 | 11213 | 11214 | NS | 1 | -34.778 | 17.769 | 0.0 | -34.948 | 22.399 | 0.004 | -3.637 | 23.078 | 0.124 | -6.916 | 23.931 | 1.231 | 0.086 | 222.561 | 1.661 | 0.086 | 231.453 | 1.737 | 0.086 | 0.242 | 0.0 | 0.086 | 0.432 | 0.0 |
| 73 | 11213 | 11214 | SN | 2 | -33.635 | 17.149 | 0.0 | -34.372 | 18.269 | 0.0 | -25.723 | 23.492 | 0.267 | -11.882 | 23.849 | 0.675 | 0.087 | 171.066 | 0.879 | 0.086 | 202.751 | 0.847 | 0.086 | 27.729 | 0.05 | 0.086 | 1.25 | 0.004 |
| 74 | 11213 | 11214 | SN | 1 | -33.571 | 17.149 | 0.0 | -34.372 | 18.269 | 0.0 | -25.728 | 23.492 | 0.267 | -11.882 | 23.849 | 0.675 | 0.087 | 168.607 | 0.879 | 0.086 | 202.751 | 0.847 | 0.086 | 27.756 | 0.05 | 0.086 | 1.25 | 0.004 |
| 75 | 11213 | 11214 | NS | 1 | -34.26 | 17.769 | 0.0 | -34.948 | 22.399 | 0.004 | -3.637 | 23.078 | 0.124 | -6.916 | 23.931 | 1.225 | 0.086 | 197.566 | 1.657 | 0.086 | 231.453 | 1.736 | 0.086 | 0.242 | 0.0 | 0.086 | 0.432 | 0.0 |
| 76 | 11214 | 11215 | NS | 1 | -34.857 | 22.059 | 0.001 | -34.888 | 22.115 | 0.001 | -8.238 | 23.198 | 0.333 | -7.701 | 24.254 | 1.844 | 0.086 | 226.646 | 3.477 | 0.086 | 228.322 | 3.641 | 0.086 | 0.56 | 0.0 | 0.086 | 0.503 | 0.0 |
| 77 | 11214 | 11215 | NS | 1 | -34.838 | 22.059 | 0.001 | -34.509 | 22.115 | 0.001 | -8.238 | 23.198 | 0.333 | -7.701 | 24.254 | 1.846 | 0.086 | 225.674 | 3.48 | 0.086 | 209.198 | 3.638 | 0.086 | 0.56 | 0.0 | 0.086 | 0.503 | 0.0 |
| 78 | 11215 | 11216 | NS | 1 | -34.945 | 20.92 | 0.0 | -34.948 | 21.374 | 0.0 | 0.652 | 22.429 | 0.033 | 0.666 | 24.404 | 1.091 | 0.086 | 231.297 | 1.792 | 0.086 | 231.448 | 2.004 | 0.086 | 0.14 | 0.0 | 0.086 | 0.14 | 0.0 |
| 79 | 11215 | 11216 | NS | 1 | -34.945 | 20.92 | 0.0 | -34.948 | 21.374 | 0.0 | 0.652 | 22.429 | 0.033 | 0.666 | 24.406 | 1.094 | 0.086 | 231.297 | 1.791 | 0.086 | 231.448 | 2.015 | 0.086 | 0.14 | 0.0 | 0.086 | 0.14 | 0.0 |
| 80 | 11215 | 11216 | SN | 1 | -34.979 | 19.31 | 0.0 | -34.911 | 21.316 | 0.0 | -16.763 | 24.989 | 0.287 | -31.696 | 23.615 | 0.247 | 0.086 | 233.171 | 6.102 | 0.086 | 229.532 | 5.668 | 0.086 | 3.579 | 0.052 | 0.086 | 109.528 | 0.039 |
| 81 | 11216 | 11217 | NS | 2 | -33.234 | 20.413 | 0.0 | -33.652 | 20.705 | 0.0 | 1.068 | 22.399 | 0.128 | 0.434 | 23.867 | 1.099 | 0.086 | 156.041 | 0.902 | 0.086 | 171.754 | 0.841 | 0.086 | 0.134 | 0.0 | 0.086 | 0.143 | 0.0 |
| 82 | 11216 | 11217 | NS | 1 | -33.154 | 20.411 | 0.0 | -33.652 | 20.705 | 0.0 | 1.068 | 22.399 | 0.128 | 0.434 | 23.867 | 1.102 | 0.086 | 153.155 | 0.902 | 0.086 | 171.754 | 0.841 | 0.086 | 0.134 | 0.0 | 0.086 | 0.143 | 0.0 |
| 83 | 11216 | 11217 | SN | 2 | -34.544 | 16.972 | 0.0 | -34.906 | 19.816 | 0.0 | -18.83 | 23.377 | 0.226 | -16.37 | 23.467 | 0.231 | 0.087 | 210.936 | 1.906 | 0.086 | 229.258 | 1.606 | 0.086 | 5.721 | 0.018 | 0.086 | 3.275 | 0.007 |
| 84 | 11216 | 11217 | SN | 1 | -34.544 | 16.972 | 0.0 | -34.906 | 19.816 | 0.0 | -18.83 | 23.377 | 0.226 | -16.37 | 23.467 | 0.231 | 0.087 | 210.936 | 1.906 | 0.086 | 229.258 | 1.606 | 0.086 | 5.721 | 0.018 | 0.086 | 3.275 | 0.007 |
| 85 | 11217 | 11218 | NS | 1 | -34.136 | 20.76 | 0.0 | -34.187 | 21.511 | 0.0 | 3.784 | 22.436 | 0.055 | 3.902 | 23.512 | 1.098 | 0.086 | 191.978 | 0.899 | 0.086 | 194.266 | 0.873 | 0.086 | 0.111 | 0.0 | 0.086 | 0.11 | 0.0 |
| 86 | 11217 | 11218 | NS | 1 | -34.136 | 20.76 | 0.0 | -34.187 | 21.511 | 0.0 | 3.572 | 22.436 | 0.085 | 3.925 | 23.501 | 1.525 | 0.086 | 191.978 | 0.903 | 0.086 | 194.266 | 0.873 | 0.086 | 0.112 | 0.0 | 0.086 | 0.11 | 0.0 |
| 87 | 11217 | 11218 | SN | 1 | -34.905 | 17.729 | 0.0 | -34.936 | 19.8 | 0.0 | -20.572 | 23.448 | 0.394 | -21.416 | 23.59 | 0.532 | 0.086 | 229.193 | 1.979 | 0.086 | 230.827 | 1.876 | 0.086 | 8.513 | 0.069 | 0.086 | 10.324 | 0.065 |
| 88 | 11217 | 11218 | SN | 1 | -34.834 | 17.729 | 0.0 | -32.842 | 19.802 | 0.0 | -20.443 | 23.448 | 0.394 | -21.452 | 23.59 | 0.532 | 0.086 | 225.469 | 1.995 | 0.086 | 142.557 | 1.872 | 0.086 | 8.266 | 0.069 | 0.086 | 10.409 | 0.065 |
| 89 | 11218 | 11219 | NS | 1 | -34.495 | 21.191 | 0.0 | -34.897 | 22.124 | 0.001 | 3.628 | 22.147 | 0.031 | 3.046 | 24.318 | 0.418 | 0.086 | 208.549 | 0.818 | 0.086 | 228.767 | 0.923 | 0.086 | 0.112 | 0.0 | 0.086 | 0.116 | 0.0 |
| 90 | 11218 | 11219 | SN | 1 | -33.666 | 17.647 | 0.0 | -34.883 | 19.759 | 0.0 | 3.359 | 23.28 | 0.585 | 3.753 | 24.214 | 2.12 | 0.087 | 172.318 | 1.511 | 0.086 | 235.928 | 1.185 | 0.086 | 0.113 | 0.0 | 0.086 | 0.111 | 0.0 |
| 91 | 11218 | 11219 | SN | 1 | -34.348 | 17.652 | 0.0 | -34.385 | 19.759 | 0.0 | 3.359 | 23.28 | 0.585 | 3.753 | 24.214 | 2.113 | 0.087 | 201.582 | 1.523 | 0.086 | 203.315 | 1.201 | 0.086 | 0.113 | 0.0 | 0.086 | 0.111 | 0.0 |
| 92 | 11218 | 11219 | NS | 1 | -34.495 | 21.191 | 0.0 | -34.897 | 22.124 | 0.001 | 2.644 | 23.417 | 0.368 | 2.619 | 24.318 | 1.45 | 0.086 | 208.549 | 0.809 | 0.086 | 228.767 | 0.924 | 0.086 | 0.119 | 0.0 | 0.086 | 0.119 | 0.0 |
| 93 | 11219 | 11220 | NS | 2 | -34.991 | 22.526 | 0.001 | -34.665 | 18.159 | 0.0 | 2.242 | 23.555 | 0.833 | 0.749 | 24.237 | 1.185 | 0.086 | 233.773 | 4.872 | 0.086 | 216.845 | 4.872 | 0.086 | 0.122 | 0.0 | 0.086 | 0.138 | 0.0 |
| 94 | 11219 | 11220 | NS | 1 | -34.727 | 22.526 | 0.001 | -34.665 | 18.159 | 0.0 | 2.242 | 23.555 | 0.836 | 0.749 | 24.237 | 1.185 | 0.086 | 219.958 | 4.871 | 0.086 | 216.845 | 4.872 | 0.086 | 0.122 | 0.0 | 0.086 | 0.138 | 0.0 |
| 95 | 11219 | 11220 | NS | 1 | -34.727 | 22.526 | 0.001 | -34.665 | 18.159 | 0.0 | 2.991 | 21.333 | 0.0 | 0.723 | 22.747 | 0.016 | 0.086 | 219.958 | 5.308 | 0.086 | 216.845 | 4.917 | 0.086 | 0.116 | 0.0 | 0.086 | 0.139 | 0.0 |

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

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