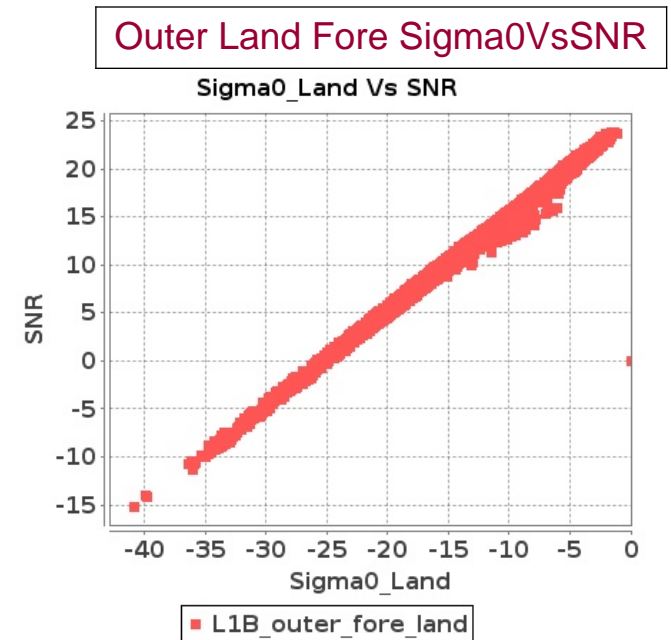
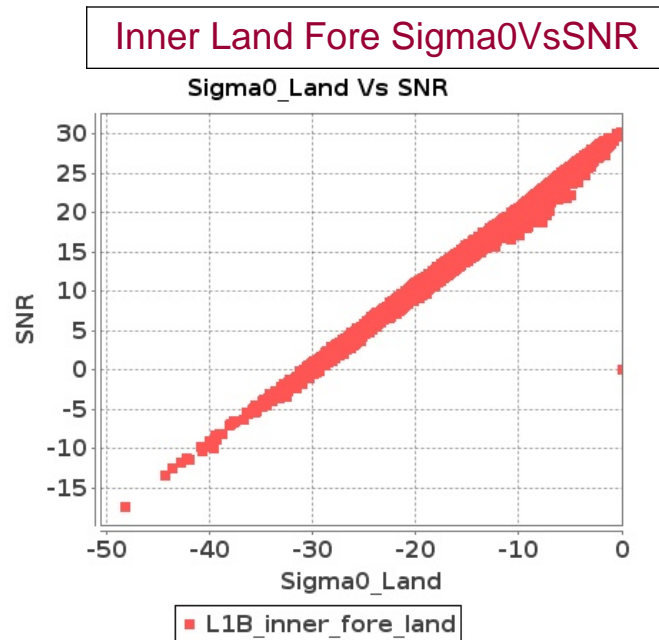
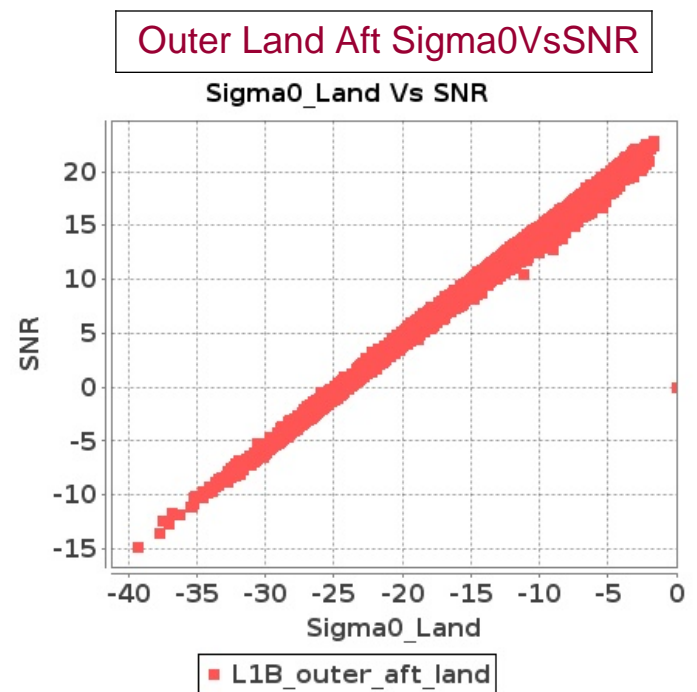
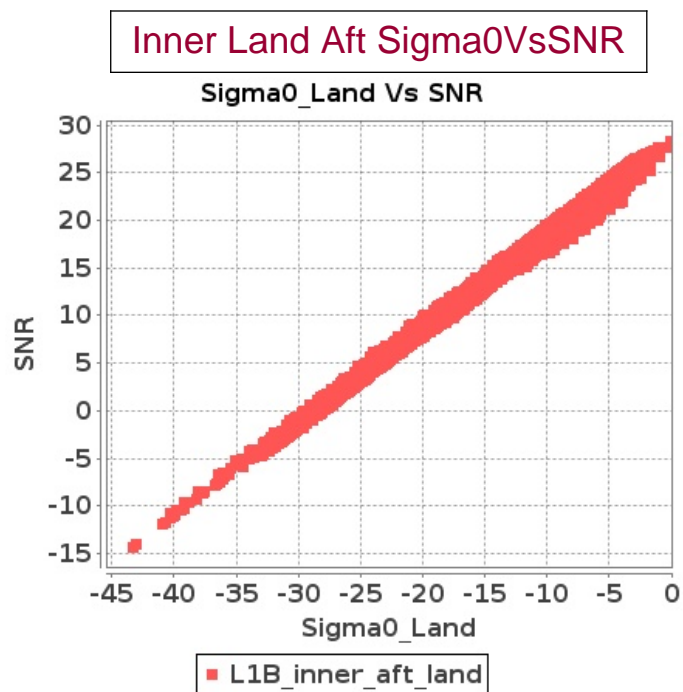
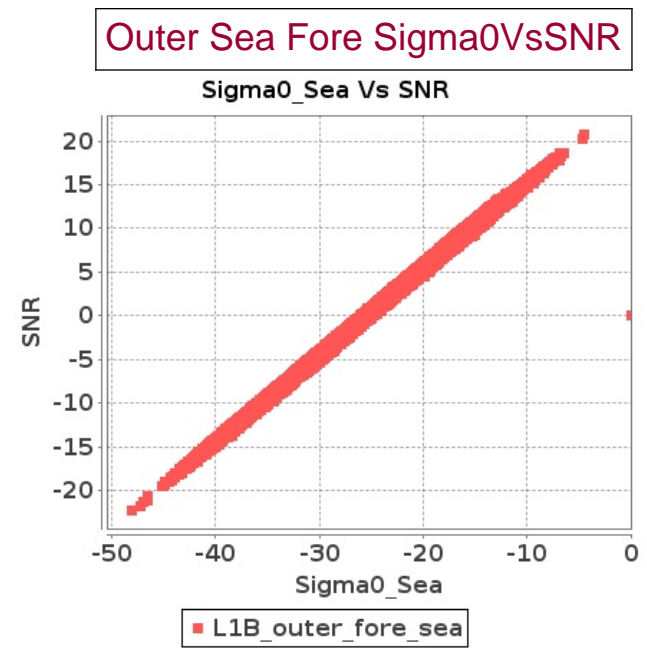
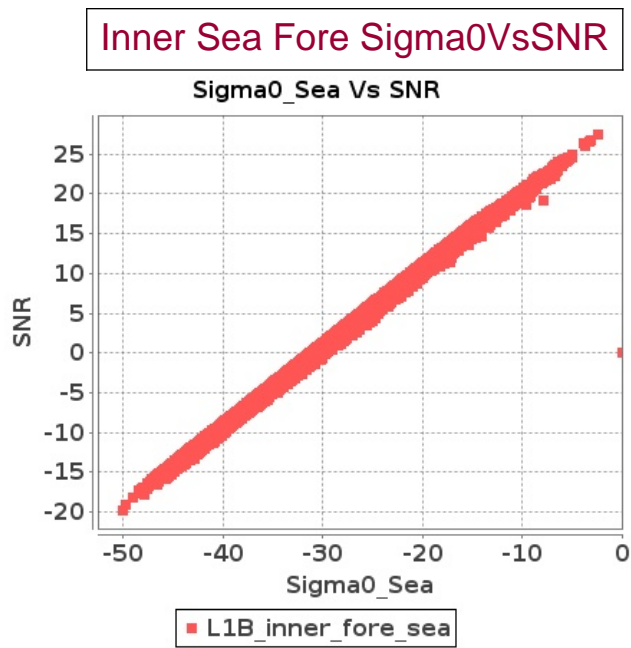
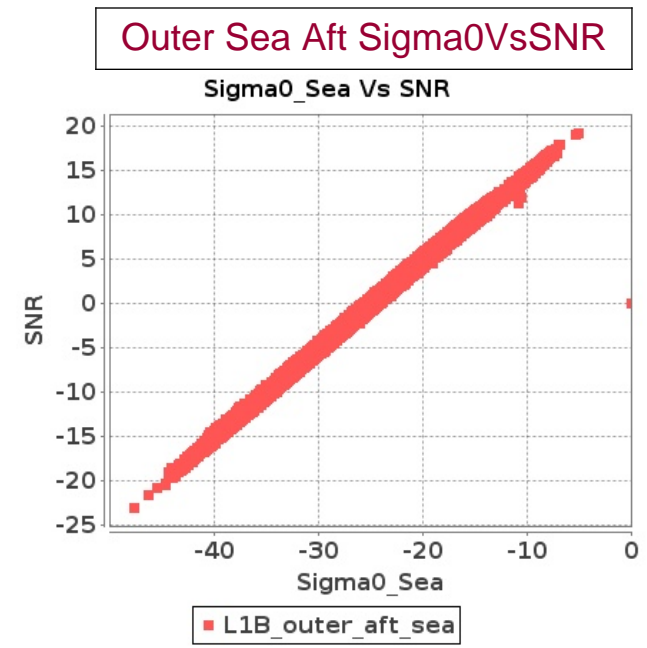
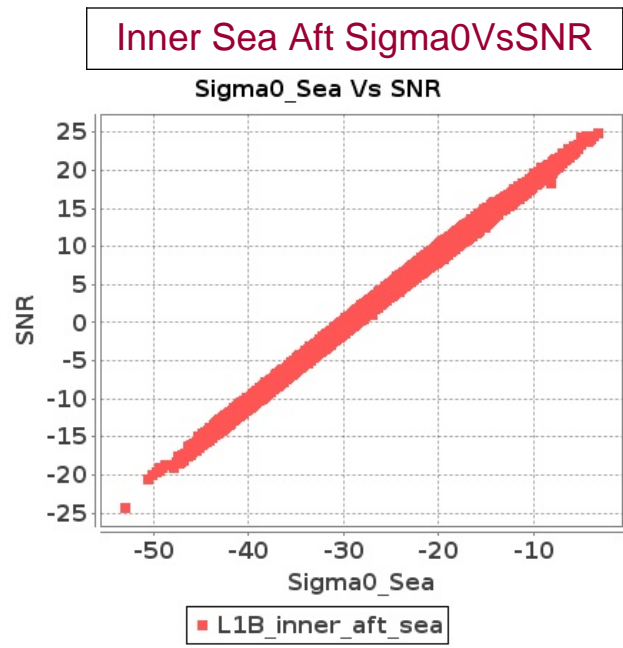
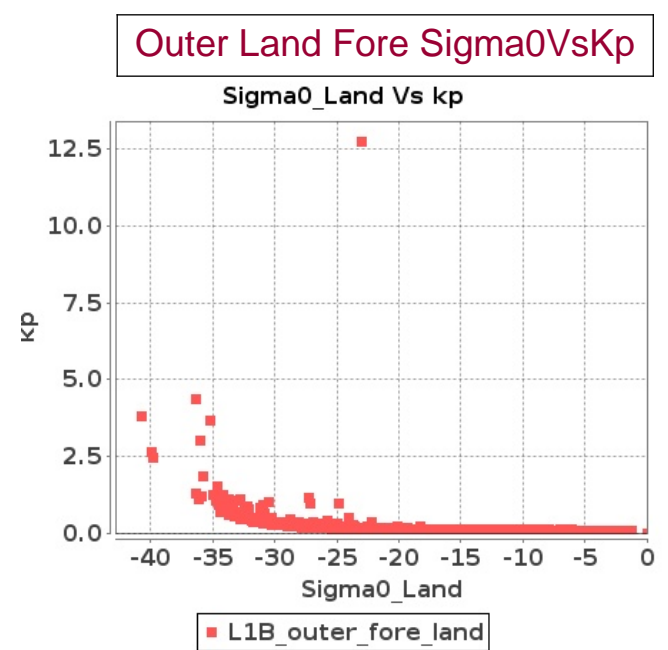
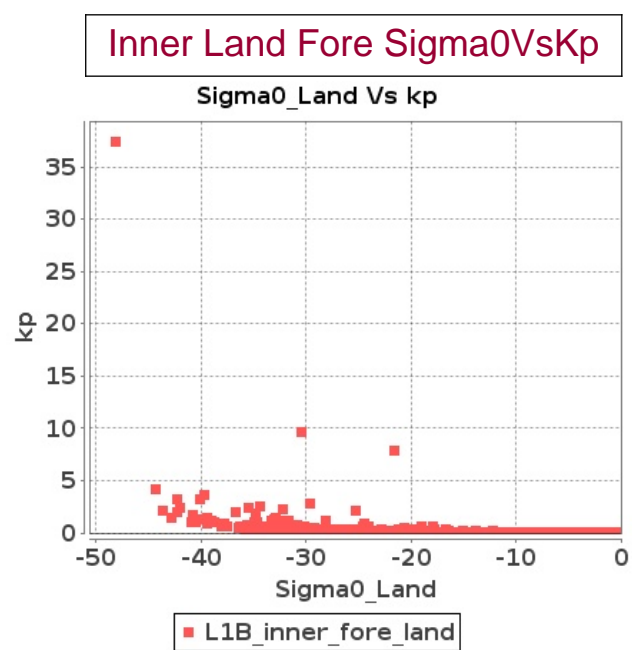
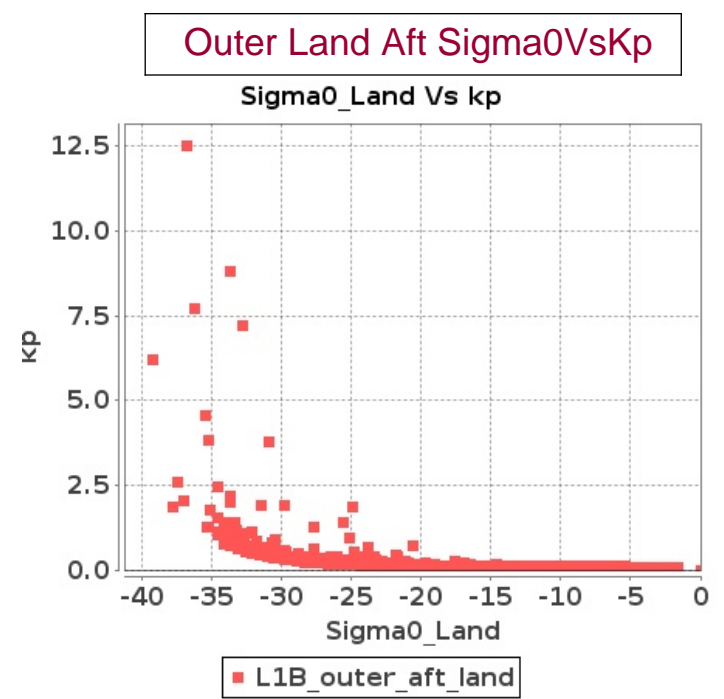
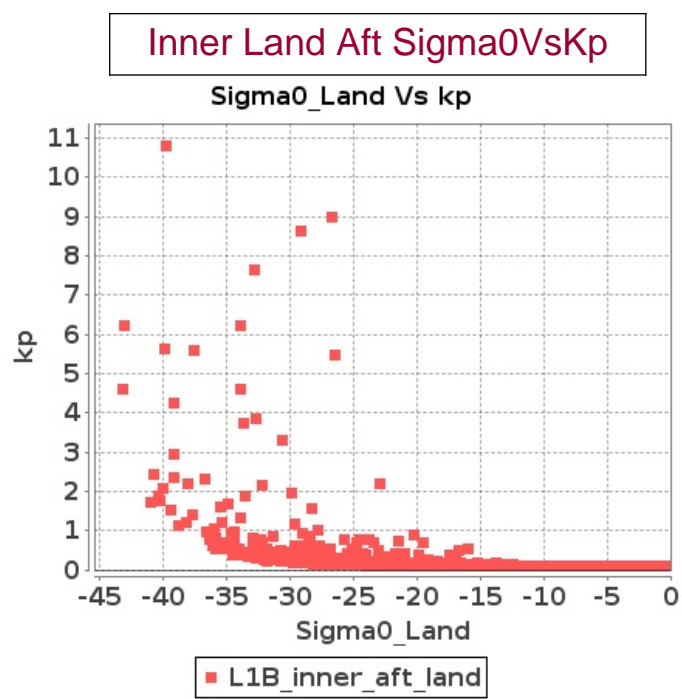
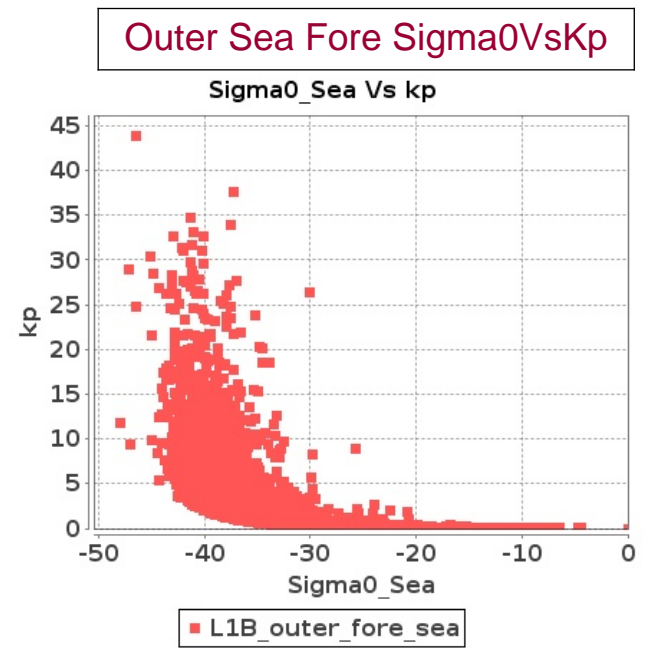
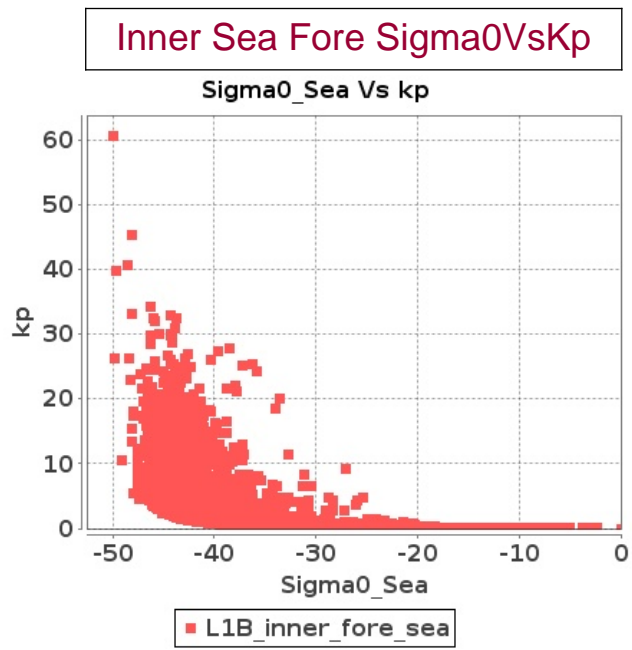
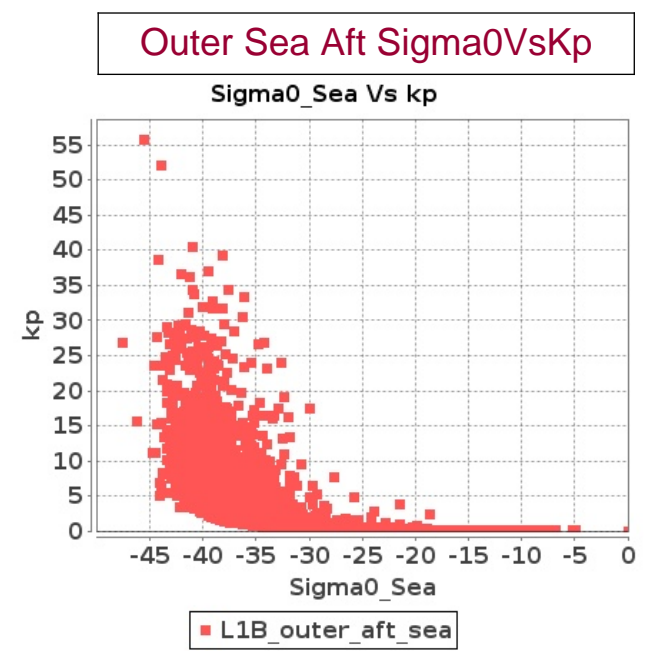
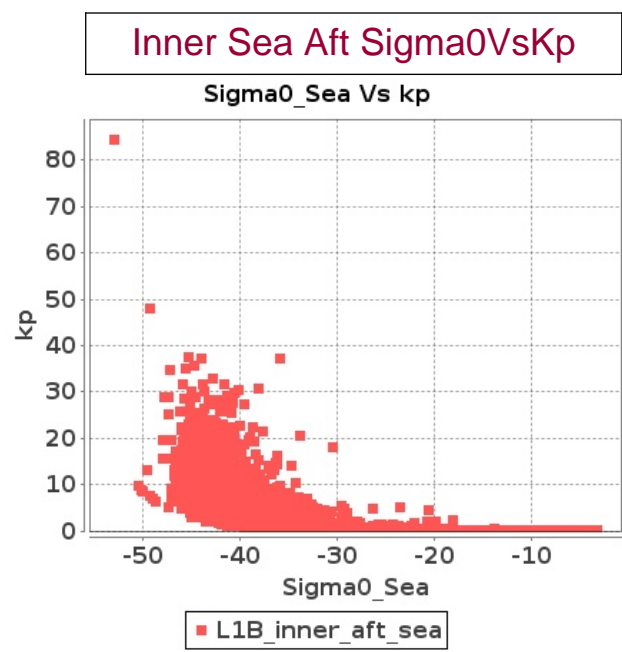


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 08-NOV-2017 To 09-NOV-2017





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

Report between 08-NOV-2017 To 09-NOV-2017

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|--------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 5913 | 5914 | SN | 1 | 48.681 | 49.44 | 0.0 | 0.003 | 6.635 | 1.859 | 1018.984 | 1095.672 | 23.432 | -92.175 | -89.243 | 0.0 |
| 2 | 5913 | 5914 | NS | 1 | 48.792 | 49.539 | 0.0 | 0.003 | 6.624 | 2.65 | 1037.584 | 1097.464 | 5.617 | -92.365 | -89.256 | 0.0 |
| 3 | 5913 | 5914 | SN | 1 | 48.681 | 49.44 | 0.0 | 0.003 | 6.635 | 3.134 | 1018.984 | 1095.672 | 21.504 | -92.175 | -89.243 | 0.0 |
| 4 | 5913 | 5914 | SN | 1 | 48.681 | 49.44 | 0.0 | 0.003 | 6.635 | 2.72 | 1018.984 | 1095.672 | 20.716 | -92.175 | -89.243 | 0.0 |
| 5 | 5914 | 5915 | NS | 1 | 48.794 | 49.526 | 0.0 | 0.003 | 6.596 | 2.466 | 1037.624 | 1097.68 | 5.95 | -92.137 | -89.223 | 0.0 |
| 6 | 5914 | 5915 | SN | 1 | 48.694 | 49.409 | 0.0 | 0.003 | 6.646 | 2.812 | 1018.376 | 1095.824 | 24.272 | -92.218 | -89.216 | 0.0 |
| 7 | 5914 | 5915 | NS | 1 | 48.793 | 49.5 | 0.0 | 0.003 | 6.601 | 2.464 | 1037.64 | 1097.648 | 5.876 | -92.344 | -89.223 | 0.0 |
| 8 | 5914 | 5915 | SN | 1 | 48.687 | 49.409 | 0.0 | 0.003 | 6.646 | 2.519 | 1018.272 | 1095.832 | 21.716 | -91.944 | -89.216 | 0.0 |
| 9 | 5914 | 5915 | SN | 1 | 48.694 | 49.409 | 0.0 | 0.003 | 6.646 | 1.682 | 1018.376 | 1095.824 | 26.482 | -92.218 | -89.216 | 0.0 |
| 10 | 5915 | 5916 | SN | 1 | 48.667 | 49.408 | 0.0 | 0.003 | 6.673 | 2.49 | 1018.152 | 1095.856 | 23.054 | -91.851 | -89.248 | 0.0 |
| 11 | 5915 | 5916 | SN | 2 | 48.667 | 49.408 | 0.0 | 0.003 | 6.673 | 2.49 | 1018.152 | 1095.856 | 23.054 | -91.851 | -89.248 | 0.0 |
| 12 | 5915 | 5916 | NS | 1 | 48.793 | 49.492 | 0.0 | 0.003 | 6.601 | 2.472 | 1037.608 | 1097.744 | 6.121 | -92.196 | -89.213 | 0.0 |
| 13 | 5915 | 5916 | NS | 1 | 48.793 | 49.492 | 0.0 | 0.003 | 6.601 | 2.47 | 1037.608 | 1097.744 | 6.144 | -92.196 | -89.213 | 0.0 |
| 14 | 5916 | 5917 | NS | 1 | 48.785 | 49.492 | 0.0 | 0.003 | 6.601 | 2.573 | 1037.664 | 1097.632 | 5.75 | -92.344 | -89.246 | 0.0 |
| 15 | 5916 | 5917 | SN | 2 | 48.651 | 49.439 | 0.0 | 0.003 | 6.668 | 2.533 | 1018.136 | 1095.696 | 23.724 | -91.979 | -89.245 | 0.0 |
| 16 | 5916 | 5917 | SN | 1 | 48.651 | 49.439 | 0.0 | 0.003 | 6.668 | 2.533 | 1018.136 | 1095.696 | 23.724 | -91.979 | -89.245 | 0.0 |
| 17 | 5916 | 5917 | NS | 1 | 48.785 | 49.492 | 0.0 | 0.003 | 6.601 | 2.575 | 1037.664 | 1097.632 | 5.723 | -92.344 | -89.246 | 0.0 |
| 18 | 5916 | 5917 | NS | 2 | 48.785 | 49.492 | 0.0 | 0.003 | 6.601 | 2.575 | 1037.664 | 1097.632 | 5.723 | -92.344 | -89.246 | 0.0 |
| 19 | 5917 | 5918 | NS | 2 | 48.756 | 49.492 | 0.0 | 0.003 | 6.629 | 2.573 | 1037.632 | 1097.512 | 5.273 | -92.358 | -89.273 | 0.0 |
| 20 | 5917 | 5918 | NS | 1 | 48.756 | 49.491 | 0.0 | 0.003 | 6.629 | 2.573 | 1037.632 | 1097.512 | 5.284 | -92.28 | -89.273 | 0.0 |
| 21 | 5917 | 5918 | SN | 2 | 48.651 | 49.407 | 0.0 | 0.003 | 6.635 | 2.519 | 1017.992 | 1095.624 | 23.556 | -91.941 | -89.246 | 0.0 |
| 22 | 5917 | 5918 | SN | 1 | 48.651 | 49.407 | 0.0 | 0.003 | 6.635 | 2.519 | 1017.992 | 1095.624 | 23.556 | -91.941 | -89.246 | 0.0 |
| 23 | 5918 | 5919 | NS | 2 | 48.766 | 49.49 | 0.0 | 0.003 | 6.601 | 2.555 | 1037.736 | 1097.344 | 4.618 | -92.219 | -89.268 | 0.0 |
| 24 | 5918 | 5919 | NS | 1 | 48.766 | 49.5 | 0.0 | 0.003 | 6.607 | 2.554 | 1037.744 | 1097.336 | 4.593 | -92.219 | -89.268 | 0.0 |
| 25 | 5918 | 5919 | SN | 1 | 48.693 | 49.453 | 0.0 | 0.008 | 6.651 | 2.585 | 1018.24 | 1095.432 | 23.324 | -91.959 | -89.246 | 0.0 |
| 26 | 5918 | 5919 | SN | 2 | 48.693 | 49.453 | 0.0 | 0.008 | 6.651 | 2.586 | 1018.24 | 1095.432 | 23.324 | -91.959 | -89.246 | 0.0 |
| 27 | 5918 | 5919 | NS | 1 | 48.766 | 49.49 | 0.0 | 0.003 | 6.601 | 2.555 | 1037.736 | 1097.344 | 4.618 | -92.219 | -89.268 | 0.0 |
| 28 | 5919 | 5920 | SN | 1 | 48.659 | 49.404 | 0.0 | 0.003 | 6.646 | 2.633 | 1018.136 | 1095.384 | 20.389 | -91.823 | -89.248 | 0.0 |
| 29 | 5919 | 5920 | SN | 1 | 48.659 | 49.405 | 0.0 | 0.003 | 6.646 | 2.627 | 1018.152 | 1095.384 | 20.369 | -91.823 | -89.248 | 0.0 |
| 30 | 5919 | 5920 | SN | 1 | 48.659 | 49.404 | 0.0 | 0.003 | 6.646 | 2.022 | 1018.136 | 1095.384 | 21.171 | -91.823 | -89.248 | 0.0 |
| 31 | 5919 | 5920 | NS | 2 | 48.786 | 49.514 | 0.0 | 0.003 | 6.612 | 2.539 | 1037.504 | 1097.288 | 4.364 | -92.189 | -89.278 | 0.0 |
| 32 | 5919 | 5920 | NS | 1 | 48.795 | 49.514 | 0.0 | 0.003 | 18.213 | 2.538 | 1037.512 | 1097.28 | 4.351 | -92.347 | -89.278 | 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 | 5920 | 5921 | SN | 1 | 48.697 | 49.406 | 0.0 | 0.003 | 6.612 | 2.58 | 1018.984 | 1095.448 | 22.114 | -92.001 | -89.203 | 0.0 |
| 34 | 5920 | 5921 | SN | 1 | 48.697 | 49.406 | 0.0 | 0.003 | 6.612 | 1.807 | 1018.984 | 1095.448 | 26.667 | -92.001 | -89.203 | 0.0 |
| 35 | 5920 | 5921 | SN | 1 | 48.697 | 49.406 | 0.0 | 0.003 | 6.612 | 2.854 | 1018.984 | 1095.448 | 22.929 | -92.001 | -89.203 | 0.0 |
| 36 | 5920 | 5921 | NS | 1 | 48.794 | 49.491 | 0.0 | 0.003 | 6.624 | 2.554 | 1037.832 | 1097.352 | 4.626 | -92.33 | -89.259 | 0.0 |
| 37 | 5920 | 5921 | NS | 2 | 48.779 | 49.535 | 0.0 | 0.003 | 6.618 | 2.553 | 1037.832 | 1097.344 | 4.604 | -92.33 | -89.259 | 0.0 |
| 38 | 5921 | 5922 | NS | 1 | 48.71 | 49.491 | 0.0 | 0.003 | 6.624 | 2.638 | 1038.04 | 1097.312 | 4.465 | -92.392 | -89.246 | 0.0 |
| 39 | 5921 | 5922 | SN | 1 | 48.698 | 49.406 | 0.0 | 0.003 | 6.624 | 2.515 | 1019.04 | 1095.392 | 21.774 | -91.947 | -89.18 | 0.0 |
| 40 | 5922 | 5923 | NS | 1 | 48.797 | 49.528 | 0.0 | 0.003 | 6.624 | 2.623 | 1038.232 | 1097.136 | 3.919 | -92.053 | -89.253 | 0.0 |
| 41 | 5927 | 5928 | SN | 1 | 48.66 | 49.403 | 0.0 | 0.003 | 6.612 | 3.144 | 1018.504 | 1095.136 | 22.452 | -92.329 | -89.248 | 0.0 |
| 42 | 5927 | 5928 | SN | 1 | 48.66 | 49.403 | 0.0 | 0.003 | 6.612 | 1.864 | 1018.504 | 1095.136 | 24.45 | -92.329 | -89.248 | 0.0 |
| 43 | 5927 | 5928 | SN | 1 | 48.662 | 49.487 | 0.0 | 0.003 | 6.618 | 2.706 | 1018.624 | 1095.136 | 23.084 | -92.093 | -89.248 | 0.0 |
| 44 | 5928 | 5929 | SN | 1 | 48.662 | 49.402 | 0.0 | 0.003 | 6.607 | 2.804 | 1018.04 | 1095.072 | 25.626 | -91.842 | -89.223 | 0.0 |
| 45 | 5928 | 5929 | SN | 1 | 48.662 | 49.402 | 0.0 | 0.003 | 6.607 | 1.769 | 1018.04 | 1095.072 | 27.618 | -91.842 | -89.223 | 0.0 |
| 46 | 5928 | 5929 | SN | 1 | 48.662 | 49.402 | 0.0 | 0.003 | 6.607 | 2.588 | 1018.04 | 1095.072 | 22.906 | -91.842 | -89.223 | 0.0 |
| 47 | 5928 | 5929 | NS | 1 | 48.799 | 49.534 | 0.0 | 0.003 | 6.612 | 2.496 | 1038.304 | 1097.048 | 3.826 | -92.323 | -89.268 | 0.0 |
| 48 | 5929 | 5930 | SN | 1 | 48.695 | 49.406 | 0.0 | 0.003 | 6.618 | 2.363 | 1018.112 | 1095.176 | 23.658 | -92.202 | -89.237 | 0.0 |
| 49 | 5929 | 5930 | SN | 1 | 48.695 | 49.406 | 0.0 | 0.003 | 6.618 | 2.494 | 1018.112 | 1095.176 | 23.409 | -92.202 | -89.237 | 0.0 |
| 50 | 5929 | 5930 | SN | 1 | 48.695 | 49.406 | 0.0 | 0.003 | 6.618 | 1.652 | 1018.112 | 1095.176 | 28.536 | -92.202 | -89.237 | 0.0 |
| 51 | 5929 | 5930 | NS | 1 | 48.799 | 49.491 | 0.0 | 0.003 | 262.156 | 2.468 | 1038.352 | 1097.256 | 4.385 | -92.232 | -89.226 | 0.0 |
| 52 | 5929 | 5930 | NS | 2 | 48.799 | 49.491 | 0.0 | 0.003 | 262.156 | 2.468 | 1038.32 | 1097.256 | 4.384 | -92.232 | -89.226 | 0.0 |
| 53 | 5930 | 5931 | SN | 1 | 48.661 | 49.41 | 0.0 | 0.003 | 6.618 | 1.664 | 1017.6 | 1095.08 | 30.09 | -91.931 | -89.242 | 0.0 |
| 54 | 5930 | 5931 | NS | 1 | 48.8 | 49.491 | 0.0 | 0.003 | 6.574 | 2.495 | 1038.328 | 1097.208 | 4.242 | -92.431 | -89.262 | 0.0 |
| 55 | 5930 | 5931 | NS | 1 | 48.8 | 49.491 | 0.0 | 0.003 | 6.574 | 2.497 | 1038.328 | 1097.208 | 4.247 | -92.431 | -89.262 | 0.0 |
| 56 | 5930 | 5931 | SN | 1 | 48.661 | 49.41 | 0.0 | 0.003 | 6.618 | 2.525 | 1017.6 | 1095.08 | 25.0 | -91.931 | -89.242 | 0.0 |
| 57 | 5930 | 5931 | SN | 1 | 48.661 | 49.41 | 0.0 | 0.003 | 6.618 | 2.736 | 1017.6 | 1095.08 | 27.815 | -91.931 | -89.242 | 0.0 |
| 58 | 5931 | 5932 | SN | 1 | 48.648 | 49.401 | 0.0 | 0.003 | 6.612 | 2.506 | 1017.584 | 1094.912 | 24.856 | -92.333 | -89.241 | 0.0 |
| 59 | 5931 | 5932 | NS | 1 | 48.797 | 49.524 | 0.0 | 0.003 | 6.563 | 2.569 | 1038.328 | 1097.056 | 3.737 | -92.295 | -89.259 | 0.0 |
| 60 | 5931 | 5932 | NS | 1 | 48.797 | 49.524 | 0.0 | 0.003 | 6.563 | 2.567 | 1038.328 | 1097.056 | 3.733 | -92.295 | -89.259 | 0.0 |
| 61 | 5931 | 5932 | SN | 2 | 48.645 | 49.401 | 0.0 | 0.003 | 6.612 | 2.506 | 1017.672 | 1094.912 | 24.854 | -92.333 | -89.241 | 0.0 |
| 62 | 5932 | 5933 | SN | 1 | 48.683 | 49.411 | 0.0 | 0.003 | 6.64 | 2.482 | 1017.736 | 1094.784 | 25.127 | -92.029 | -89.242 | 0.0 |
| 63 | 5932 | 5933 | SN | 2 | 48.683 | 49.411 | 0.0 | 0.003 | 6.64 | 2.531 | 1017.736 | 1094.784 | 25.047 | -92.029 | -89.242 | 0.0 |
| 64 | 5932 | 5933 | SN | 1 | 48.661 | 49.423 | 0.0 | 0.003 | 6.635 | 2.529 | 1017.68 | 1094.792 | 25.051 | -92.029 | -89.242 | 0.0 |
| 65 | 5932 | 5933 | NS | 1 | 48.764 | 49.542 | 0.0 | 0.003 | 6.596 | 2.592 | 1038.416 | 1096.928 | 3.252 | -92.324 | -89.276 | 0.0 |
| 66 | 5932 | 5933 | NS | 2 | 48.764 | 49.542 | 0.0 | 0.003 | 6.596 | 2.592 | 1038.416 | 1096.928 | 3.252 | -92.324 | -89.276 | 0.0 |
| 67 | 5933 | 5934 | NS | 1 | 48.762 | 49.538 | 0.0 | 0.003 | 6.574 | 2.525 | 1038.504 | 1096.784 | 2.714 | -92.343 | -89.281 | 0.0 |
| 68 | 5933 | 5934 | SN | 1 | 48.656 | 49.4 | 0.0 | 0.003 | 6.635 | 2.641 | 1017.736 | 1094.688 | 23.344 | -92.051 | -89.235 | 0.0 |
| 69 | 5933 | 5934 | SN | 2 | 48.656 | 49.4 | 0.0 | 0.003 | 6.635 | 2.641 | 1017.736 | 1094.688 | 23.344 | -92.051 | -89.235 | 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 | 5933 | 5934 | SN | 1 | 48.656 | 49.4 | 0.0 | 0.003 | 6.635 | 2.248 | 1017.736 | 1094.688 | 23.931 | -92.051 | -89.235 | 0.0 |
| 71 | 5933 | 5934 | NS | 1 | 48.762 | 49.538 | 0.0 | 0.003 | 6.574 | 2.523 | 1038.504 | 1096.784 | 2.712 | -92.343 | -89.281 | 0.0 |
| 72 | 5934 | 5935 | NS | 1 | 48.802 | 49.532 | 0.0 | 0.003 | 6.59 | 2.536 | 1038.536 | 1096.816 | 2.883 | -92.443 | -89.281 | 0.0 |
| 73 | 5934 | 5935 | NS | 1 | 48.802 | 49.532 | 0.0 | 0.003 | 6.59 | 2.539 | 1038.536 | 1096.816 | 2.886 | -92.443 | -89.281 | 0.0 |
| 74 | 5934 | 5935 | SN | 1 | 48.691 | 49.401 | 0.0 | 0.003 | 6.607 | 1.866 | 1018.56 | 1094.712 | 26.699 | -91.868 | -89.23 | 0.0 |
| 75 | 5934 | 5935 | SN | 1 | 48.691 | 49.401 | 0.0 | 0.003 | 6.607 | 2.661 | 1018.56 | 1094.712 | 21.898 | -91.868 | -89.23 | 0.0 |
| 76 | 5935 | 5936 | NS | 1 | 48.765 | 49.495 | 0.0 | 0.003 | 6.596 | 2.606 | 1038.624 | 1096.848 | 2.913 | -92.321 | -89.256 | 0.0 |
| 77 | 5935 | 5936 | SN | 1 | 48.698 | 49.4 | 0.0 | 0.003 | 6.64 | 2.544 | 1018.12 | 1094.736 | 22.627 | -91.874 | -89.172 | 0.0 |
| 78 | 5936 | 5937 | NS | 1 | 48.797 | 49.49 | 0.0 | 0.008 | 6.607 | 2.622 | 1038.888 | 1096.712 | 2.504 | -92.206 | -89.254 | 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 | 5913 | 5914 | SN | 1 | -34.201 | 22.945 | 0.019 | -34.778 | 22.996 | 0.092 | -13.692 | 28.629 | 8.269 | -19.124 | 29.463 | 19.947 | 0.103 | 222.246 | 4.241 | 0.103 | 253.771 | 3.287 | 0.103 | 2.057 | 0.006 | 0.103 | 6.981 | 0.021 |
| 2 | 5913 | 5914 | NS | 1 | -34.34 | 25.942 | 0.331 | -34.945 | 27.619 | 0.135 | 3.922 | 30.38 | 8.111 | 6.549 | 33.958 | 24.69 | 0.103 | 229.503 | 4.981 | 0.103 | 263.711 | 4.654 | 0.103 | 0.131 | 0.0 | 0.102 | 0.118 | 0.0 |
| 3 | 5913 | 5914 | SN | 1 | -34.201 | 24.721 | 1.379 | -34.778 | 25.418 | 3.128 | -13.692 | 28.629 | 8.19 | -19.124 | 29.463 | 20.057 | 0.103 | 222.246 | 3.828 | 0.103 | 253.771 | 2.665 | 0.103 | 2.057 | 0.006 | 0.103 | 6.981 | 0.021 |
| 4 | 5913 | 5914 | SN | 1 | -34.201 | 24.717 | 1.326 | -34.778 | 26.598 | 3.128 | -28.661 | 34.452 | 6.193 | -19.124 | 29.463 | 16.862 | 0.103 | 222.246 | 3.685 | 0.103 | 253.771 | 2.561 | 0.102 | 62.125 | 0.014 | 0.103 | 6.981 | 0.017 |
| 5 | 5914 | 5915 | NS | 1 | -34.552 | 25.967 | 0.032 | -34.232 | 26.712 | 0.173 | -7.506 | 32.781 | 4.256 | -5.289 | 32.75 | 18.248 | 0.103 | 240.975 | 2.811 | 0.103 | 223.822 | 2.825 | 0.102 | 0.559 | 0.0 | 0.102 | 0.371 | 0.0 |
| 6 | 5914 | 5915 | SN | 1 | -34.84 | 24.205 | 0.263 | -34.897 | 24.779 | 0.882 | 5.138 | 30.526 | 8.449 | 6.507 | 30.199 | 5.716 | 0.103 | 257.413 | 6.865 | 0.103 | 260.901 | 5.368 | 0.103 | 0.124 | 0.0 | 0.103 | 0.118 | 0.0 |
| 7 | 5914 | 5915 | NS | 1 | -34.911 | 25.967 | 0.032 | -33.452 | 26.711 | 0.173 | -7.58 | 32.783 | 4.258 | -5.286 | 32.752 | 18.223 | 0.103 | 261.675 | 2.814 | 0.103 | 187.055 | 2.826 | 0.102 | 0.567 | 0.0 | 0.102 | 0.371 | 0.0 |
| 8 | 5914 | 5915 | SN | 1 | -34.892 | 24.2 | 0.261 | -34.902 | 25.396 | 1.087 | -5.721 | 30.516 | 5.827 | -0.889 | 30.199 | 5.394 | 0.103 | 260.59 | 6.86 | 0.103 | 261.149 | 5.183 | 0.103 | 0.4 | 0.0 | 0.103 | 0.194 | 0.0 |
| 9 | 5914 | 5915 | SN | 1 | -34.84 | 20.314 | 0.0 | -34.897 | 22.361 | 0.001 | 5.138 | 30.526 | 8.663 | 6.507 | 30.199 | 5.717 | 0.103 | 257.413 | 7.581 | 0.103 | 260.901 | 6.15 | 0.103 | 0.124 | 0.0 | 0.103 | 0.118 | 0.0 |
| 10 | 5915 | 5916 | SN | 1 | -34.874 | 22.497 | 0.004 | -34.883 | 24.434 | 0.231 | 5.127 | 26.27 | 9.945 | 4.897 | 28.255 | 12.178 | 0.103 | 259.431 | 2.284 | 0.103 | 259.987 | 1.862 | 0.103 | 0.124 | 0.0 | 0.103 | 0.125 | 0.0 |
| 11 | 5915 | 5916 | SN | 2 | -34.874 | 22.497 | 0.004 | -34.883 | 24.434 | 0.231 | 5.127 | 26.27 | 9.945 | 4.897 | 28.255 | 12.178 | 0.103 | 259.431 | 2.284 | 0.103 | 259.987 | 1.862 | 0.103 | 0.124 | 0.0 | 0.103 | 0.125 | 0.0 |
| 12 | 5915 | 5916 | NS | 1 | -34.994 | 22.006 | 0.001 | -34.694 | 22.616 | 0.004 | -13.978 | 29.754 | 6.536 | -8.213 | 29.72 | 16.655 | 0.103 | 266.753 | 6.908 | 0.103 | 248.983 | 5.735 | 0.103 | 2.192 | 0.002 | 0.103 | 0.643 | 0.0 |
| 13 | 5915 | 5916 | NS | 1 | -34.994 | 22.006 | 0.001 | -34.694 | 22.616 | 0.004 | -13.978 | 29.754 | 6.535 | -8.213 | 29.72 | 16.679 | 0.103 | 266.753 | 6.897 | 0.103 | 248.983 | 5.732 | 0.103 | 2.192 | 0.002 | 0.103 | 0.643 | 0.0 |
| 14 | 5916 | 5917 | NS | 1 | -33.69 | 22.297 | 0.002 | -34.71 | 22.959 | 0.068 | -16.144 | 28.273 | 3.591 | -20.705 | 30.34 | 10.424 | 0.103 | 197.596 | 4.93 | 0.103 | 249.863 | 4.509 | 0.103 | 3.556 | 0.006 | 0.103 | 10.011 | 0.009 |
| 15 | 5916 | 5917 | SN | 2 | -34.903 | 22.122 | 0.002 | -34.948 | 24.613 | 0.187 | 4.072 | 26.236 | 8.894 | 3.368 | 28.123 | 7.819 | 0.103 | 261.21 | 2.62 | 0.103 | 263.925 | 1.864 | 0.103 | 0.13 | 0.0 | 0.103 | 0.135 | 0.0 |
| 16 | 5916 | 5917 | SN | 1 | -34.903 | 22.122 | 0.002 | -34.948 | 24.615 | 0.187 | 4.072 | 26.236 | 8.894 | 3.368 | 28.123 | 7.819 | 0.103 | 261.21 | 2.62 | 0.103 | 263.925 | 1.864 | 0.103 | 0.13 | 0.0 | 0.103 | 0.135 | 0.0 |
| 17 | 5916 | 5917 | NS | 1 | -33.69 | 22.297 | 0.002 | -34.71 | 22.959 | 0.068 | -16.144 | 28.273 | 3.591 | -20.705 | 30.34 | 10.417 | 0.103 | 197.596 | 4.941 | 0.103 | 249.863 | 4.512 | 0.103 | 3.556 | 0.006 | 0.103 | 10.011 | 0.009 |
| 18 | 5916 | 5917 | NS | 2 | -33.69 | 22.297 | 0.002 | -34.71 | 22.959 | 0.068 | -16.144 | 28.273 | 3.591 | -20.705 | 30.34 | 10.417 | 0.103 | 197.596 | 4.941 | 0.103 | 249.863 | 4.512 | 0.103 | 3.556 | 0.006 | 0.103 | 10.011 | 0.009 |
| 19 | 5917 | 5918 | NS | 2 | -34.886 | 22.195 | 0.005 | -34.385 | 22.822 | 0.026 | -5.173 | 26.559 | 2.584 | -3.873 | 29.454 | 12.469 | 0.103 | 260.195 | 3.753 | 0.103 | 231.886 | 3.799 | 0.103 | 0.364 | 0.0 | 0.103 | 0.293 | 0.0 |
| 20 | 5917 | 5918 | NS | 1 | -34.931 | 22.195 | 0.005 | -34.962 | 22.822 | 0.026 | -5.173 | 26.558 | 2.584 | -3.873 | 29.454 | 12.468 | 0.103 | 262.894 | 3.75 | 0.103 | 264.826 | 3.803 | 0.103 | 0.364 | 0.0 | 0.103 | 0.293 | 0.0 |
| 21 | 5917 | 5918 | SN | 2 | -34.072 | 22.195 | 0.002 | -34.985 | 24.741 | 0.188 | 6.244 | 27.407 | 12.19 | 8.315 | 28.753 | 17.653 | 0.103 | 215.777 | 1.865 | 0.103 | 266.186 | 1.692 | 0.103 | 0.119 | 0.0 | 0.103 | 0.112 | 0.0 |
| 22 | 5917 | 5918 | SN | 1 | -34.072 | 22.195 | 0.002 | -34.985 | 24.741 | 0.188 | 6.244 | 27.407 | 12.19 | 8.315 | 28.753 | 17.653 | 0.103 | 215.777 | 1.865 | 0.103 | 266.186 | 1.692 | 0.103 | 0.119 | 0.0 | 0.103 | 0.112 | 0.0 |
| 23 | 5918 | 5919 | NS | 2 | -34.54 | 23.499 | 0.094 | -33.064 | 25.229 | 0.576 | -9.792 | 31.202 | 3.947 | -8.842 | 30.943 | 12.343 | 0.103 | 240.253 | 1.894 | 0.103 | 171.058 | 1.382 | 0.103 | 0.887 | 0.0 | 0.103 | 0.73 | 0.0 |
| 24 | 5918 | 5919 | NS | 1 | -34.304 | 23.499 | 0.094 | -33.036 | 25.229 | 0.576 | -9.798 | 31.202 | 3.951 | -8.842 | 30.943 | 12.377 | 0.103 | 227.601 | 1.895 | 0.103 | 169.986 | 1.382 | 0.103 | 0.888 | 0.0 | 0.103 | 0.73 | 0.0 |
| 25 | 5918 | 5919 | SN | 1 | -33.952 | 22.919 | 0.022 | -33.579 | 24.489 | 0.204 | 5.955 | 26.779 | 11.027 | 7.723 | 28.73 | 13.894 | 0.103 | 209.844 | 2.006 | 0.103 | 192.567 | 1.412 | 0.103 | 0.12 | 0.0 | 0.103 | 0.114 | 0.0 |
| 26 | 5918 | 5919 | SN | 2 | -33.952 | 22.919 | 0.022 | -33.579 | 24.489 | 0.204 | 5.955 | 26.779 | 11.027 | 7.723 | 28.73 | 13.894 | 0.103 | 209.844 | 2.006 | 0.103 | 192.567 | 1.412 | 0.103 | 0.12 | 0.0 | 0.103 | 0.114 | 0.0 |
| 27 | 5918 | 5919 | NS | 1 | -34.54 | 23.499 | 0.094 | -33.064 | 25.229 | 0.576 | -9.792 | 31.202 | 3.947 | -8.842 | 30.943 | 12.343 | 0.103 | 240.253 | 1.894 | 0.103 | 171.058 | 1.382 | 0.103 | 0.887 | 0.0 | 0.103 | 0.73 | 0.0 |
| 28 | 5919 | 5920 | SN | 1 | -34.645 | 21.544 | 0.0 | -34.614 | 24.919 | 0.537 | 3.967 | 31.602 | 8.044 | 5.896 | 32.554 | 10.878 | 0.103 | 246.126 | 5.973 | 0.103 | 244.411 | 4.375 | 0.102 | 0.131 | 0.0 | 0.102 | 0.12 | 0.0 |
| 29 | 5919 | 5920 | SN | 1 | -34.897 | 21.544 | 0.0 | -33.833 | 24.919 | 0.536 | 3.967 | 31.601 | 8.027 | 5.896 | 32.554 | 10.866 | 0.103 | 260.891 | 5.972 | 0.103 | 204.186 | 4.388 | 0.102 | 0.131 | 0.0 | 0.102 | 0.12 | 0.0 |
| 30 | 5919 | 5920 | SN | 1 | -34.645 | 20.992 | 0.0 | -34.614 | 24.919 | 0.083 | 3.967 | 31.602 | 8.075 | 5.896 | 32.554 | 10.833 | 0.103 | 246.126 | 6.297 | 0.103 | 244.411 | 4.691 | 0.102 | 0.131 | 0.0 | 0.102 | 0.12 | 0.0 |
| 31 | 5919 | 5920 | NS | 2 | -34.851 | 22.924 | 0.052 | -34.609 | 24.599 | 0.253 | 4.555 | 27.292 | 7.897 | 7.63 | 28.968 | 19.276 | 0.103 | 258.087 | 1.593 | 0.103 | 244.169 | 1.414 | 0.103 | 0.127 | 0.0 | 0.103 | 0.114 | 0.0 |
| 32 | 5919 | 5920 | NS | 1 | -34.714 | 22.924 | 0.053 | -34.719 | 24.599 | 0.254 | 4.555 | 27.292 | 7.896 | 7.63 | 28.966 | 19.278 | 0.103 | 250.155 | 1.594 | 0.103 | 250.362 | 1.415 | 0.103 | 0.127 | 0.0 | 0.103 | 0.114 | 0.0 |
| 33 | 5920 | 5921 | SN | 1 | -34.734 | 23.32 | 0.01 | -33.862 | 25.82 | 1.419 | -3.76 | 28.908 | 10.225 | -1.468 | 30.267 | 17.644 | 0.103 | 251.279 | 4.342 | 0.103 | 205.585 | 3.257 | 0.103 | 0.288 | 0.0 | 0.103 | 0.208 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 34 | 5920 | 5921 | SN | 1 | -34.734 | 23.32 | 0.011 | -33.862 | 25.82 | 0.025 | -3.445 | 28.908 | 15.777 | -1.468 | 30.267 | 24.245 | 0.103 | 251.279 | 4.712 | 0.103 | 205.585 | 3.827 | 0.103 | 0.274 | 0.0 | 0.103 | 0.208 | 0.0 |
| 35 | 5920 | 5921 | SN | 1 | -34.734 | 23.32 | 0.01 | -33.862 | 25.82 | 1.421 | -3.445 | 28.908 | 12.603 | -1.468 | 30.267 | 21.932 | 0.103 | 251.279 | 4.329 | 0.103 | 205.585 | 3.245 | 0.103 | 0.274 | 0.0 | 0.103 | 0.208 | 0.0 |
| 36 | 5920 | 5921 | NS | 1 | -34.902 | 23.323 | 0.246 | -34.294 | 24.806 | 0.603 | 4.623 | 28.137 | 10.406 | 6.683 | 29.647 | 23.734 | 0.103 | 261.144 | 2.881 | 0.103 | 227.073 | 2.495 | 0.103 | 0.127 | 0.0 | 0.103 | 0.117 | 0.0 |
| 37 | 5920 | 5921 | NS | 2 | -34.591 | 23.323 | 0.246 | -34.176 | 24.806 | 0.604 | 4.623 | 28.137 | 10.4 | 6.685 | 29.647 | 23.727 | 0.103 | 243.128 | 2.877 | 0.103 | 220.962 | 2.499 | 0.103 | 0.127 | 0.0 | 0.103 | 0.117 | 0.0 |
| 38 | 5921 | 5922 | NS | 1 | -34.702 | 23.716 | 0.367 | -34.546 | 24.096 | 0.531 | -5.656 | 28.241 | 17.202 | -4.486 | 33.787 | 35.457 | 0.103 | 249.401 | 3.453 | 0.103 | 240.623 | 2.951 | 0.103 | 0.396 | 0.0 | 0.102 | 0.324 | 0.0 |
| 39 | 5921 | 5922 | SN | 1 | -33.457 | 24.927 | 0.027 | -34.405 | 25.546 | 1.584 | -11.161 | 28.829 | 12.965 | -8.934 | 30.311 | 17.24 | 0.103 | 187.243 | 2.615 | 0.103 | 232.95 | 2.025 | 0.103 | 1.185 | 0.002 | 0.103 | 0.743 | 0.0 |
| 40 | 5922 | 5923 | NS | 1 | -34.334 | 24.013 | 0.602 | -34.564 | 25.182 | 0.619 | -7.312 | 31.974 | 10.966 | -6.154 | 34.257 | 22.354 | 0.103 | 229.122 | 3.234 | 0.103 | 241.608 | 2.74 | 0.102 | 0.539 | 0.0 | 0.102 | 0.433 | 0.0 |
| 41 | 5927 | 5928 | SN | 1 | -34.696 | 24.748 | 1.743 | -34.923 | 26.084 | 3.58 | -3.083 | 27.155 | 7.472 | -5.94 | 30.023 | 20.324 | 0.103 | 249.102 | 4.322 | 0.103 | 262.468 | 3.113 | 0.103 | 0.26 | 0.0 | 0.103 | 0.417 | 0.0 |
| 42 | 5927 | 5928 | SN | 1 | -34.696 | 24.042 | 0.277 | -34.923 | 24.847 | 0.629 | -3.083 | 27.155 | 7.423 | -5.94 | 30.023 | 20.238 | 0.103 | 249.102 | 4.642 | 0.103 | 262.468 | 3.675 | 0.103 | 0.26 | 0.0 | 0.103 | 0.417 | 0.0 |
| 43 | 5927 | 5928 | SN | 1 | -34.459 | 24.748 | 1.562 | -34.977 | 26.084 | 3.446 | -3.086 | 27.153 | 5.879 | -5.942 | 30.023 | 16.067 | 0.103 | 235.885 | 4.174 | 0.103 | 265.768 | 3.035 | 0.103 | 0.26 | 0.0 | 0.103 | 0.417 | 0.0 |
| 44 | 5928 | 5929 | SN | 1 | -34.976 | 24.514 | 0.795 | -34.489 | 24.955 | 1.169 | 1.965 | 32.699 | 9.857 | 0.384 | 29.299 | 9.37 | 0.103 | 265.626 | 6.002 | 0.103 | 237.414 | 4.75 | 0.102 | 0.148 | 0.0 | 0.103 | 0.17 | 0.0 |
| 45 | 5928 | 5929 | SN | 1 | -34.976 | 20.597 | 0.0 | -34.489 | 21.401 | 0.0 | 1.965 | 32.699 | 9.913 | 0.384 | 29.299 | 9.37 | 0.103 | 265.626 | 6.589 | 0.103 | 237.414 | 5.373 | 0.102 | 0.148 | 0.0 | 0.103 | 0.17 | 0.0 |
| 46 | 5928 | 5929 | SN | 1 | -34.976 | 24.514 | 0.791 | -34.489 | 26.302 | 1.897 | 1.965 | 32.699 | 6.259 | -1.508 | 29.299 | 7.346 | 0.103 | 265.626 | 5.975 | 0.103 | 237.414 | 4.501 | 0.102 | 0.148 | 0.0 | 0.103 | 0.21 | 0.0 |
| 47 | 5928 | 5929 | NS | 1 | -34.733 | 24.987 | 0.034 | -34.752 | 27.846 | 0.156 | 4.344 | 32.336 | 5.227 | 2.169 | 36.383 | 21.6 | 0.103 | 251.159 | 2.813 | 0.103 | 252.231 | 2.339 | 0.102 | 0.128 | 0.0 | 0.102 | 0.146 | 0.0 |
| 48 | 5929 | 5930 | SN | 1 | -34.973 | 23.801 | 0.039 | -34.736 | 24.383 | 0.357 | -0.411 | 26.836 | 7.705 | 1.86 | 30.97 | 10.144 | 0.103 | 265.434 | 4.74 | 0.103 | 251.357 | 3.566 | 0.103 | 0.184 | 0.0 | 0.103 | 0.149 | 0.0 |
| 49 | 5929 | 5930 | SN | 1 | -34.973 | 23.802 | 0.041 | -34.736 | 24.383 | 0.369 | -0.411 | 26.836 | 7.705 | 1.86 | 30.97 | 10.144 | 0.103 | 265.434 | 4.67 | 0.103 | 251.357 | 3.522 | 0.103 | 0.184 | 0.0 | 0.103 | 0.149 | 0.0 |
| 50 | 5929 | 5930 | SN | 1 | -34.973 | 21.333 | 0.0 | -34.736 | 22.306 | 0.002 | 5.115 | 26.836 | 11.068 | 6.742 | 30.97 | 9.961 | 0.103 | 265.434 | 5.271 | 0.103 | 251.357 | 4.158 | 0.103 | 0.124 | 0.0 | 0.103 | 0.117 | 0.0 |
| 51 | 5929 | 5930 | NS | 1 | -34.84 | 22.375 | 0.008 | -34.236 | 23.411 | 0.056 | -2.156 | 28.112 | 5.915 | -13.078 | 29.27 | 16.803 | 0.103 | 257.441 | 3.298 | 0.103 | 224.076 | 2.531 | 0.103 | 0.228 | 0.0 | 0.103 | 1.796 | 0.002 |
| 52 | 5929 | 5930 | NS | 2 | -34.84 | 22.375 | 0.008 | -34.236 | 23.411 | 0.056 | -2.156 | 28.112 | 5.915 | -13.078 | 29.27 | 16.803 | 0.103 | 257.441 | 3.298 | 0.103 | 224.076 | 2.53 | 0.103 | 0.228 | 0.0 | 0.103 | 1.796 | 0.002 |
| 53 | 5930 | 5931 | SN | 1 | -34.051 | 20.956 | 0.0 | -34.037 | 22.755 | 0.009 | 7.056 | 26.401 | 10.753 | 7.305 | 27.738 | 6.552 | 0.103 | 214.658 | 1.958 | 0.103 | 214.039 | 1.566 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 54 | 5930 | 5931 | NS | 1 | -34.861 | 22.361 | 0.011 | -34.909 | 24.641 | 0.069 | -6.984 | 28.576 | 5.888 | -4.367 | 30.082 | 15.583 | 0.103 | 258.711 | 7.487 | 0.103 | 261.607 | 6.858 | 0.103 | 0.506 | 0.0 | 0.103 | 0.317 | 0.0 |
| 55 | 5930 | 5931 | NS | 1 | -34.861 | 22.361 | 0.011 | -34.909 | 24.641 | 0.069 | -6.984 | 28.576 | 5.888 | -4.367 | 30.082 | 15.583 | 0.103 | 258.711 | 7.5 | 0.103 | 261.607 | 6.87 | 0.103 | 0.506 | 0.0 | 0.103 | 0.317 | 0.0 |
| 56 | 5930 | 5931 | SN | 1 | -34.201 | 22.074 | 0.002 | -34.037 | 24.797 | 0.179 | 7.056 | 26.401 | 8.627 | 7.305 | 27.738 | 8.028 | 0.103 | 222.233 | 1.741 | 0.103 | 214.039 | 1.331 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 57 | 5930 | 5931 | SN | 1 | -34.051 | 22.074 | 0.002 | -34.037 | 24.797 | 0.194 | 7.056 | 26.401 | 10.711 | 7.305 | 27.738 | 6.634 | 0.103 | 214.658 | 1.795 | 0.103 | 214.039 | 1.441 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 58 | 5931 | 5932 | SN | 1 | -34.818 | 21.793 | 0.0 | -34.578 | 24.806 | 0.164 | 5.616 | 27.829 | 13.201 | 7.902 | 28.618 | 18.006 | 0.103 | 256.196 | 2.707 | 0.103 | 242.382 | 2.093 | 0.103 | 0.121 | 0.0 | 0.103 | 0.113 | 0.0 |
| 59 | 5931 | 5932 | NS | 1 | -34.238 | 22.203 | 0.006 | -33.058 | 24.366 | 0.073 | -33.67 | 27.828 | 2.513 | -33.407 | 28.597 | 10.313 | 0.103 | 224.148 | 2.859 | 0.103 | 170.815 | 3.112 | 0.103 | 196.651 | 0.027 | 0.103 | 185.117 | 0.028 |
| 60 | 5931 | 5932 | NS | 1 | -34.238 | 22.203 | 0.006 | -33.058 | 24.366 | 0.073 | -33.67 | 27.828 | 2.513 | -33.407 | 28.597 | 10.313 | 0.103 | 224.148 | 2.851 | 0.103 | 170.815 | 3.102 | 0.103 | 196.651 | 0.027 | 0.103 | 185.117 | 0.028 |
| 61 | 5931 | 5932 | SN | 2 | -34.198 | 21.793 | 0.0 | -34.934 | 24.806 | 0.164 | 5.616 | 27.829 | 13.206 | 7.902 | 28.618 | 18.006 | 0.103 | 222.109 | 2.706 | 0.103 | 263.137 | 2.093 | 0.103 | 0.121 | 0.0 | 0.103 | 0.113 | 0.0 |
| 62 | 5932 | 5933 | SN | 1 | -34.04 | 24.545 | 0.023 | -34.967 | 24.735 | 0.192 | 6.131 | 27.012 | 12.899 | 8.077 | 29.604 | 18.22 | 0.103 | 214.178 | 2.598 | 0.103 | 265.094 | 1.606 | 0.103 | 0.119 | 0.0 | 0.103 | 0.113 | 0.0 |
| 63 | 5932 | 5933 | SN | 2 | -34.04 | 24.545 | 0.023 | -34.967 | 24.735 | 0.196 | 6.131 | 27.012 | 12.898 | 8.077 | 29.604 | 18.22 | 0.103 | 214.178 | 2.59 | 0.103 | 265.094 | 1.599 | 0.103 | 0.119 | 0.0 | 0.103 | 0.113 | 0.0 |
| 64 | 5932 | 5933 | SN | 1 | -34.789 | 24.543 | 0.023 | -34.863 | 24.735 | 0.196 | 6.131 | 27.012 | 12.902 | 8.079 | 29.604 | 18.237 | 0.103 | 254.404 | 2.591 | 0.103 | 258.849 | 1.6 | 0.103 | 0.119 | 0.0 | 0.103 | 0.113 | 0.0 |
| 65 | 5932 | 5933 | NS | 1 | -34.959 | 23.785 | 0.067 | -34.906 | 23.509 | 0.158 | -5.181 | 28.018 | 3.539 | -7.121 | 29.386 | 11.115 | 0.103 | 264.569 | 4.847 | 0.103 | 261.46 | 3.759 | 0.103 | 0.364 | 0.0 | 0.103 | 0.519 | 0.0 |
| 66 | 5932 | 5933 | NS | 2 | -34.959 | 23.785 | 0.067 | -34.906 | 23.509 | 0.158 | -5.181 | 28.018 | 3.539 | -7.121 | 29.386 | 11.115 | 0.103 | 264.569 | 4.847 | 0.103 | 261.46 | 3.759 | 0.103 | 0.364 | 0.0 | 0.103 | 0.519 | 0.0 |
| 67 | 5933 | 5934 | NS | 1 | -34.611 | 22.904 | 0.053 | -34.343 | 24.977 | 0.333 | -6.652 | 27.577 | 5.847 | -7.114 | 29.749 | 13.496 | 0.103 | 244.253 | 2.216 | 0.103 | 229.623 | 1.648 | 0.103 | 0.475 | 0.0 | 0.103 | 0.519 | 0.0 |
| 68 | 5933 | 5934 | SN | 1 | -34.957 | 23.131 | 0.019 | -34.974 | 23.632 | 0.158 | -1.859 | 26.887 | 8.098 | -3.663 | 29.285 | 12.039 | 0.103 | 264.501 | 3.051 | 0.103 | 265.588 | 2.656 | 0.103 | 0.219 | 0.0 | 0.103 | 0.284 | 0.0 |
| 69 | 5933 | 5934 | SN | 2 | -34.957 | 23.131 | 0.019 | -34.974 | 23.632 | 0.158 | -1.859 | 26.887 | 8.098 | -3.663 | 29.285 | 12.039 | 0.103 | 264.501 | 3.051 | 0.103 | 265.588 | 2.656 | 0.103 | 0.219 | 0.0 | 0.103 | 0.284 | 0.0 |
| 70 | 5933 | 5934 | SN | 1 | -34.957 | 23.131 | 0.018 | -34.974 | 23.632 | 0.093 | -1.859 | 26.887 | 8.119 | -3.663 | 29.285 | 12.037 | 0.103 | 264.501 | 3.145 | 0.103 | 265.588 | 2.745 | 0.103 | 0.219 | 0.0 | 0.103 | 0.284 | 0.0 |
| 71 | 5933 | 5934 | NS | 1 | -34.611 | 22.904 | 0.053 | -34.343 | 24.977 | 0.333 | -6.652 | 27.577 | 5.837 | -7.114 | 29.749 | 13.492 | 0.103 | 244.253 | 2.215 | 0.103 | 229.623 | 1.646 | 0.103 | 0.475 | 0.0 | 0.103 | 0.519 | 0.0 |
| 72 | 5934 | 5935 | NS | 1 | -34.775 | 23.314 | 0.149 | -34.56 | 24.189 | 0.476 | 5.419 | 30.843 | 7.108 | 7.548 | 28.838 | 15.022 | 0.103 | 253.633 | 1.953 | 0.103 | 241.405 | 1.781 | 0.103 | 0.122 | 0.0 | 0.103 | 0.114 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-----|
| 73 | 5934 | 5935 | NS | 1 | -34.775 | 23.314 | 0.149 | -34.56 | 24.189 | 0.476 | 5.419 | 30.843 | 7.108 | 7.548 | 28.838 | 15.022 | 0.103 | 253.633 | 1.955 | 0.103 | 241.405 | 1.784 | 0.103 | 0.122 | 0.0 | 0.103 | 0.114 | 0.0 |
| 74 | 5934 | 5935 | SN | 1 | -34.574 | 20.962 | 0.0 | -34.408 | 21.505 | 0.0 | 3.473 | 31.148 | 14.367 | 4.937 | 32.085 | 19.715 | 0.103 | 242.117 | 6.452 | 0.103 | 233.122 | 5.1 | 0.103 | 0.134 | 0.0 | 0.102 | 0.125 | 0.0 |
| 75 | 5934 | 5935 | SN | 1 | -34.574 | 21.392 | 0.0 | -34.408 | 24.344 | 0.956 | -14.634 | 31.148 | 8.928 | -4.452 | 32.085 | 13.696 | 0.103 | 242.117 | 5.967 | 0.103 | 233.122 | 4.36 | 0.103 | 2.536 | 0.001 | 0.102 | 0.322 | 0.0 |
| 76 | 5935 | 5936 | NS | 1 | -34.549 | 23.631 | 0.226 | -34.707 | 24.426 | 0.483 | -1.293 | 28.365 | 11.841 | -1.513 | 30.369 | 34.078 | 0.103 | 240.736 | 5.192 | 0.103 | 249.7 | 4.265 | 0.103 | 0.204 | 0.0 | 0.103 | 0.21 | 0.0 |
| 77 | 5935 | 5936 | SN | 1 | -34.925 | 22.345 | 0.008 | -34.662 | 24.864 | 1.304 | -11.953 | 28.266 | 13.032 | -3.935 | 30.099 | 20.938 | 0.103 | 262.555 | 5.231 | 0.103 | 247.086 | 3.971 | 0.103 | 1.405 | 0.007 | 0.103 | 0.296 | 0.0 |
| 78 | 5936 | 5937 | NS | 1 | -33.738 | 23.725 | 0.415 | -34.94 | 24.659 | 0.493 | -1.827 | 28.932 | 11.267 | -0.411 | 30.168 | 26.588 | 0.103 | 199.788 | 3.506 | 0.103 | 263.475 | 3.478 | 0.103 | 0.218 | 0.0 | 0.103 | 0.184 | 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 | 5913 | 5914 | SN | 1 | 57.445 | 58.322 | 0.0 | 0.0 | 294.683 | 3.027 | 1193.888 | 1289.168 | 49.247 | -93.754 | -91.724 | 0.0 |
| 2 | 5913 | 5914 | NS | 1 | 57.581 | 58.429 | 0.0 | 0.0 | 291.732 | 3.783 | 1216.896 | 1291.824 | 20.41 | -93.864 | -91.651 | 0.0 |
| 3 | 5913 | 5914 | SN | 1 | 57.445 | 58.322 | 0.0 | 0.0 | 294.683 | 4.24 | 1193.888 | 1289.168 | 45.204 | -93.754 | -91.724 | 0.0 |
| 4 | 5913 | 5914 | SN | 1 | 57.445 | 58.322 | 0.0 | 0.0 | 294.683 | 3.971 | 1193.888 | 1289.168 | 48.489 | -93.754 | -91.724 | 0.0 |
| 5 | 5914 | 5915 | NS | 1 | 57.596 | 58.438 | 0.0 | 0.0 | 296.393 | 3.483 | 1216.952 | 1292.12 | 18.981 | -93.928 | -91.616 | 0.0 |
| 6 | 5914 | 5915 | SN | 1 | 57.462 | 58.323 | 0.0 | 0.0 | 294.611 | 3.768 | 1193.704 | 1289.36 | 48.525 | -93.686 | -91.689 | 0.0 |
| 7 | 5914 | 5915 | NS | 1 | 57.595 | 58.436 | 0.0 | 0.0 | 296.189 | 3.483 | 1216.968 | 1292.08 | 18.889 | -93.951 | -91.616 | 0.0 |
| 8 | 5914 | 5915 | SN | 1 | 57.461 | 58.322 | 0.0 | 0.0 | 294.545 | 3.752 | 1193.68 | 1289.376 | 48.01 | -93.578 | -91.689 | 0.0 |
| 9 | 5914 | 5915 | SN | 1 | 57.462 | 58.323 | 0.0 | 0.0 | 294.611 | 2.774 | 1193.704 | 1289.36 | 52.82 | -93.686 | -91.689 | 0.0 |
| 10 | 5915 | 5916 | SN | 1 | 57.433 | 58.323 | 0.0 | 0.003 | 293.872 | 3.672 | 1193.304 | 1289.408 | 47.956 | -93.481 | -91.722 | 0.0 |
| 11 | 5915 | 5916 | SN | 2 | 57.433 | 58.323 | 0.0 | 0.003 | 293.872 | 3.672 | 1193.304 | 1289.408 | 47.956 | -93.481 | -91.722 | 0.0 |
| 12 | 5915 | 5916 | NS | 1 | 57.571 | 58.43 | 0.0 | 0.0 | 296.343 | 3.486 | 1216.928 | 1292.2 | 18.994 | -93.875 | -91.605 | 0.0 |
| 13 | 5915 | 5916 | NS | 1 | 57.571 | 58.43 | 0.0 | 0.0 | 296.343 | 3.488 | 1216.928 | 1292.2 | 19.075 | -93.875 | -91.605 | 0.0 |
| 14 | 5916 | 5917 | NS | 1 | 57.596 | 58.444 | 0.0 | 0.0 | 296.26 | 3.596 | 1216.984 | 1292.072 | 19.991 | -94.008 | -91.642 | 0.0 |
| 15 | 5916 | 5917 | SN | 2 | 57.436 | 58.322 | 0.0 | 0.0 | 292.516 | 3.679 | 1193.24 | 1289.208 | 48.429 | -93.573 | -91.721 | 0.0 |
| 16 | 5916 | 5917 | SN | 1 | 57.436 | 58.322 | 0.0 | 0.0 | 292.516 | 3.677 | 1193.24 | 1289.208 | 48.429 | -93.573 | -91.721 | 0.0 |
| 17 | 5916 | 5917 | NS | 1 | 57.596 | 58.444 | 0.0 | 0.0 | 296.26 | 3.592 | 1216.984 | 1292.072 | 19.909 | -94.008 | -91.642 | 0.0 |
| 18 | 5916 | 5917 | NS | 2 | 57.596 | 58.444 | 0.0 | 0.0 | 296.26 | 3.592 | 1216.984 | 1292.072 | 19.909 | -94.008 | -91.642 | 0.0 |
| 19 | 5917 | 5918 | NS | 2 | 57.568 | 58.445 | 0.0 | 0.0 | 296.944 | 3.666 | 1217.056 | 1291.928 | 20.301 | -93.907 | -91.667 | 0.0 |
| 20 | 5917 | 5918 | NS | 1 | 57.567 | 58.436 | 0.0 | 0.0 | 296.944 | 3.667 | 1217.056 | 1291.928 | 20.309 | -93.872 | -91.667 | 0.0 |
| 21 | 5917 | 5918 | SN | 2 | 57.426 | 58.321 | 0.0 | 0.0 | 299.145 | 3.678 | 1192.272 | 1289.12 | 47.959 | -93.516 | -91.721 | 0.0 |
| 22 | 5917 | 5918 | SN | 1 | 57.426 | 58.321 | 0.0 | 0.0 | 299.145 | 3.678 | 1192.272 | 1289.12 | 47.959 | -93.516 | -91.721 | 0.0 |
| 23 | 5918 | 5919 | NS | 2 | 57.568 | 58.433 | 0.0 | 0.0 | 297.915 | 3.681 | 1217.072 | 1291.72 | 19.201 | -93.887 | -91.654 | 0.0 |
| 24 | 5918 | 5919 | NS | 1 | 57.598 | 58.448 | 0.0 | 0.0 | 297.904 | 3.676 | 1217.08 | 1291.712 | 19.179 | -93.887 | -91.654 | 0.0 |
| 25 | 5918 | 5919 | SN | 1 | 57.447 | 58.333 | 0.0 | 0.0 | 294.705 | 3.752 | 1193.016 | 1288.896 | 46.363 | -93.647 | -91.721 | 0.0 |
| 26 | 5918 | 5919 | SN | 2 | 57.447 | 58.333 | 0.0 | 0.0 | 294.672 | 3.752 | 1193.016 | 1288.896 | 46.362 | -93.647 | -91.721 | 0.0 |
| 27 | 5918 | 5919 | NS | 1 | 57.568 | 58.433 | 0.0 | 0.0 | 297.915 | 3.681 | 1217.072 | 1291.72 | 19.201 | -93.887 | -91.654 | 0.0 |
| 28 | 5919 | 5920 | SN | 1 | 57.442 | 58.319 | 0.0 | 0.0 | 299.492 | 3.834 | 1193.304 | 1288.832 | 46.244 | -93.542 | -91.719 | 0.0 |
| 29 | 5919 | 5920 | SN | 1 | 57.439 | 58.319 | 0.0 | 0.0 | 299.531 | 3.832 | 1193.352 | 1288.824 | 46.186 | -93.542 | -91.719 | 0.0 |
| 30 | 5919 | 5920 | SN | 1 | 57.442 | 58.319 | 0.0 | 0.0 | 299.492 | 3.464 | 1193.304 | 1288.832 | 48.043 | -93.542 | -91.719 | 0.0 |
| 31 | 5919 | 5920 | NS | 2 | 57.588 | 58.444 | 0.0 | 0.0 | 299.928 | 3.613 | 1217.168 | 1291.64 | 18.582 | -93.903 | -91.669 | 0.0 |
| 32 | 5919 | 5920 | NS | 1 | 57.586 | 58.43 | 0.0 | 0.0 | 299.906 | 3.61 | 1217.176 | 1291.632 | 18.584 | -93.864 | -91.669 | 0.0 |
| 33 | 5920 | 5921 | SN | 1 | 57.464 | 58.32 | 0.0 | 0.0 | 296.646 | 3.754 | 1193.688 | 1288.904 | 47.316 | -94.023 | -91.671 | 0.0 |
| 34 | 5920 | 5921 | SN | 1 | 57.464 | 58.32 | 0.0 | 0.0 | 296.646 | 2.942 | 1193.688 | 1288.904 | 49.488 | -94.023 | -91.671 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 5920 | 5921 | SN | 1 | 57.464 | 58.32 | 0.0 | 0.0 | 296.646 | 4.163 | 1193.688 | 1288.904 | 44.118 | -94.023 | -91.671 | 0.0 |
| 36 | 5920 | 5921 | NS | 1 | 57.598 | 58.428 | 0.0 | 0.0 | 287.094 | 3.642 | 1217.192 | 1291.728 | 18.465 | -93.879 | -91.65 | 0.0 |
| 37 | 5920 | 5921 | NS | 2 | 57.598 | 58.43 | 0.0 | 0.0 | 287.006 | 3.641 | 1217.152 | 1291.72 | 18.46 | -93.879 | -91.65 | 0.0 |
| 38 | 5921 | 5922 | NS | 1 | 57.594 | 58.428 | 0.0 | 0.0 | 290.183 | 3.826 | 1217.224 | 1291.688 | 20.884 | -94.043 | -91.643 | 0.0 |
| 39 | 5921 | 5922 | SN | 1 | 57.459 | 58.319 | 0.0 | 0.0 | 295.367 | 3.66 | 1194.032 | 1288.824 | 48.137 | -93.653 | -91.654 | 0.0 |
| 40 | 5922 | 5923 | NS | 1 | 57.6 | 58.449 | 0.0 | 0.0 | 293.392 | 3.712 | 1217.68 | 1291.464 | 20.167 | -93.864 | -91.651 | 0.0 |
| 41 | 5927 | 5928 | SN | 1 | 57.437 | 58.317 | 0.0 | 0.0 | 299.58 | 4.537 | 1193.976 | 1288.512 | 43.17 | -93.635 | -91.723 | 0.0 |
| 42 | 5927 | 5928 | SN | 1 | 57.437 | 58.317 | 0.0 | 0.0 | 299.58 | 3.073 | 1193.976 | 1288.512 | 47.047 | -93.635 | -91.723 | 0.0 |
| 43 | 5927 | 5928 | SN | 1 | 57.434 | 58.317 | 0.0 | 0.0 | 299.68 | 3.985 | 1193.344 | 1288.512 | 48.568 | -93.635 | -91.723 | 0.0 |
| 44 | 5928 | 5929 | SN | 1 | 57.44 | 58.316 | 0.0 | 0.0 | 296.74 | 3.682 | 1193.072 | 1288.432 | 47.964 | -93.597 | -91.707 | 0.0 |
| 45 | 5928 | 5929 | SN | 1 | 57.44 | 58.316 | 0.0 | 0.0 | 296.74 | 2.865 | 1193.072 | 1288.432 | 51.238 | -93.597 | -91.707 | 0.0 |
| 46 | 5928 | 5929 | SN | 1 | 57.44 | 58.316 | 0.0 | 0.0 | 296.74 | 3.792 | 1193.072 | 1288.432 | 48.449 | -93.597 | -91.707 | 0.0 |
| 47 | 5928 | 5929 | NS | 1 | 57.603 | 58.426 | 0.0 | 0.0 | 285.903 | 3.587 | 1217.776 | 1291.336 | 19.431 | -93.873 | -91.663 | 0.0 |
| 48 | 5929 | 5930 | SN | 1 | 57.431 | 58.315 | 0.0 | 0.0 | 295.527 | 3.523 | 1193.072 | 1288.568 | 48.296 | -93.791 | -91.693 | 0.0 |
| 49 | 5929 | 5930 | SN | 1 | 57.431 | 58.315 | 0.0 | 0.0 | 295.527 | 3.627 | 1193.072 | 1288.568 | 47.792 | -93.791 | -91.693 | 0.0 |
| 50 | 5929 | 5930 | SN | 1 | 57.431 | 58.315 | 0.0 | 0.0 | 295.527 | 2.64 | 1193.072 | 1288.568 | 53.046 | -93.791 | -91.693 | 0.0 |
| 51 | 5929 | 5930 | NS | 1 | 57.604 | 58.429 | 0.0 | 0.0 | 289.532 | 3.494 | 1217.84 | 1291.6 | 18.866 | -93.718 | -91.617 | 0.0 |
| 52 | 5929 | 5930 | NS | 2 | 57.604 | 58.429 | 0.0 | 0.0 | 289.532 | 3.493 | 1217.8 | 1291.6 | 18.864 | -93.718 | -91.617 | 0.0 |
| 53 | 5930 | 5931 | SN | 1 | 57.43 | 58.315 | 0.0 | 0.0 | 293.244 | 2.703 | 1192.736 | 1288.432 | 52.968 | -93.588 | -91.716 | 0.0 |
| 54 | 5930 | 5931 | NS | 1 | 57.604 | 58.444 | 0.0 | 0.0 | 295.025 | 3.545 | 1217.768 | 1291.544 | 19.14 | -93.749 | -91.656 | 0.0 |
| 55 | 5930 | 5931 | NS | 1 | 57.604 | 58.444 | 0.0 | 0.0 | 295.025 | 3.548 | 1217.768 | 1291.544 | 19.102 | -93.749 | -91.656 | 0.0 |
| 56 | 5930 | 5931 | SN | 1 | 57.43 | 58.315 | 0.0 | 0.0 | 293.244 | 3.674 | 1192.736 | 1288.432 | 48.334 | -93.588 | -91.716 | 0.0 |
| 57 | 5930 | 5931 | SN | 1 | 57.43 | 58.315 | 0.0 | 0.0 | 293.244 | 3.597 | 1192.736 | 1288.432 | 49.353 | -93.588 | -91.716 | 0.0 |
| 58 | 5931 | 5932 | SN | 1 | 57.43 | 58.313 | 0.0 | 0.0 | 290.949 | 3.703 | 1192.584 | 1288.248 | 48.14 | -93.884 | -91.715 | 0.0 |
| 59 | 5931 | 5932 | NS | 1 | 57.605 | 58.428 | 0.0 | 0.003 | 299.999 | 3.618 | 1217.912 | 1291.344 | 19.956 | -93.963 | -91.651 | 0.0 |
| 60 | 5931 | 5932 | NS | 1 | 57.605 | 58.428 | 0.0 | 0.003 | 299.999 | 3.614 | 1217.912 | 1291.344 | 19.997 | -93.963 | -91.651 | 0.0 |
| 61 | 5931 | 5932 | SN | 2 | 57.43 | 58.313 | 0.0 | 0.003 | 290.938 | 3.703 | 1192.64 | 1288.24 | 48.136 | -93.884 | -91.716 | 0.0 |
| 62 | 5932 | 5933 | SN | 1 | 57.46 | 58.323 | 0.0 | 0.003 | 289.4 | 3.6 | 1192.672 | 1288.104 | 47.475 | -93.632 | -91.716 | 0.0 |
| 63 | 5932 | 5933 | SN | 2 | 57.46 | 58.323 | 0.0 | 0.003 | 289.4 | 3.682 | 1192.672 | 1288.104 | 47.322 | -93.632 | -91.716 | 0.0 |
| 64 | 5932 | 5933 | SN | 1 | 57.461 | 58.312 | 0.0 | 0.0 | 289.444 | 3.681 | 1192.592 | 1288.112 | 47.332 | -93.633 | -91.716 | 0.0 |
| 65 | 5932 | 5933 | NS | 1 | 57.585 | 58.427 | 0.0 | 0.0 | 294.534 | 3.687 | 1217.92 | 1291.208 | 19.727 | -93.881 | -91.678 | 0.0 |
| 66 | 5932 | 5933 | NS | 2 | 57.585 | 58.427 | 0.0 | 0.0 | 294.534 | 3.687 | 1217.92 | 1291.208 | 19.727 | -93.881 | -91.678 | 0.0 |
| 67 | 5933 | 5934 | NS | 1 | 57.593 | 58.433 | 0.0 | 0.0 | 295.069 | 3.613 | 1217.568 | 1291.024 | 18.154 | -93.873 | -91.679 | 0.0 |
| 68 | 5933 | 5934 | SN | 1 | 57.46 | 58.31 | 0.0 | 0.0 | 295.064 | 3.846 | 1192.712 | 1287.976 | 45.821 | -93.518 | -91.709 | 0.0 |
| 69 | 5933 | 5934 | SN | 2 | 57.46 | 58.31 | 0.0 | 0.0 | 295.064 | 3.846 | 1192.712 | 1287.976 | 45.821 | -93.518 | -91.709 | 0.0 |
| 70 | 5933 | 5934 | SN | 1 | 57.46 | 58.31 | 0.0 | 0.0 | 288.655 | 3.622 | 1192.712 | 1287.976 | 46.955 | -93.518 | -91.709 | 0.0 |
| 71 | 5933 | 5934 | NS | 1 | 57.593 | 58.433 | 0.0 | 0.0 | 295.069 | 3.61 | 1217.568 | 1291.024 | 18.14 | -93.873 | -91.679 | 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 |

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|----|------|------|----|---|--------|--------|-----|-----|---------|-------|----------|----------|--------|---------|---------|-----|
| 72 | 5934 | 5935 | NS | 1 | 57.586 | 58.437 | 0.0 | 0.0 | 296.503 | 3.565 | 1218.064 | 1291.056 | 18.367 | -94.079 | -91.681 | 0.0 |
| 73 | 5934 | 5935 | NS | 1 | 57.586 | 58.437 | 0.0 | 0.0 | 296.503 | 3.568 | 1218.064 | 1291.056 | 18.383 | -94.079 | -91.681 | 0.0 |
| 74 | 5934 | 5935 | SN | 1 | 57.455 | 58.312 | 0.0 | 0.0 | 291.016 | 3.035 | 1193.6 | 1287.992 | 48.294 | -93.572 | -91.705 | 0.0 |
| 75 | 5934 | 5935 | SN | 1 | 57.455 | 58.312 | 0.0 | 0.0 | 291.016 | 3.88 | 1193.6 | 1287.992 | 45.942 | -93.572 | -91.705 | 0.0 |
| 76 | 5935 | 5936 | NS | 1 | 57.563 | 58.438 | 0.0 | 0.0 | 297.639 | 3.716 | 1218.168 | 1291.104 | 19.5 | -93.83 | -91.651 | 0.0 |
| 77 | 5935 | 5936 | SN | 1 | 57.466 | 58.312 | 0.0 | 0.0 | 286.73 | 3.729 | 1193.312 | 1288.024 | 47.109 | -94.125 | -91.647 | 0.0 |
| 78 | 5936 | 5937 | NS | 1 | 57.606 | 58.448 | 0.0 | 0.0 | 298.615 | 3.775 | 1218.496 | 1290.952 | 20.286 | -93.91 | -91.654 | 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 |

| 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 | 5913 | 5914 | SN | 1 | -34.557 | 16.378 | 0.0 | -34.772 | 17.433 | 0.0 | -2.449 | 21.952 | 0.0 | -16.8 | 22.071 | 0.002 | 0.084 | 196.968 | 4.1 | 0.084 | 219.866 | 3.561 | 0.083 | 0.192 | 0.0 | 0.083 | 3.364 | 0.004 |
| 2 | 5913 | 5914 | NS | 1 | -34.864 | 19.607 | 0.0 | -34.974 | 20.405 | 0.0 | -1.056 | 23.863 | 0.047 | 0.095 | 25.653 | 0.137 | 0.083 | 211.437 | 4.403 | 0.083 | 216.802 | 4.849 | 0.083 | 0.16 | 0.0 | 0.083 | 0.141 | 0.0 |
| 3 | 5913 | 5914 | SN | 1 | -34.557 | 18.349 | 0.0 | -34.772 | 19.709 | 0.0 | -2.449 | 21.952 | 0.0 | -16.8 | 22.071 | 0.002 | 0.083 | 196.968 | 3.824 | 0.083 | 219.866 | 2.925 | 0.083 | 0.192 | 0.0 | 0.083 | 3.364 | 0.004 |
| 4 | 5913 | 5914 | SN | 1 | -34.557 | 18.348 | 0.0 | -34.772 | 19.708 | 0.0 | -19.823 | 21.952 | 0.0 | -16.8 | 22.071 | 0.002 | 0.083 | 196.968 | 3.738 | 0.083 | 219.866 | 2.826 | 0.083 | 6.685 | 0.001 | 0.083 | 3.364 | 0.003 |
| 5 | 5914 | 5915 | NS | 1 | -32.954 | 19.33 | 0.0 | -34.898 | 20.397 | 0.0 | -16.106 | 21.265 | 0.0 | -12.226 | 22.777 | 0.04 | 0.083 | 136.175 | 2.522 | 0.083 | 218.506 | 2.646 | 0.083 | 2.877 | 0.002 | 0.083 | 1.216 | 0.002 |
| 6 | 5914 | 5915 | SN | 1 | -34.812 | 18.696 | 0.0 | -34.954 | 18.793 | 0.0 | -5.42 | 22.353 | 0.006 | 0.754 | 22.56 | 0.019 | 0.083 | 208.91 | 5.425 | 0.083 | 215.817 | 5.0 | 0.083 | 0.308 | 0.0 | 0.083 | 0.132 | 0.0 |
| 7 | 5914 | 5915 | NS | 1 | -34.58 | 19.332 | 0.0 | -34.917 | 20.396 | 0.0 | -16.034 | 21.264 | 0.0 | -12.227 | 22.775 | 0.041 | 0.083 | 198.043 | 2.525 | 0.083 | 213.962 | 2.651 | 0.083 | 2.831 | 0.002 | 0.083 | 1.216 | 0.002 |
| 8 | 5914 | 5915 | SN | 1 | -34.253 | 18.696 | 0.0 | -34.871 | 18.985 | 0.0 | -5.41 | 22.351 | 0.004 | -0.097 | 22.559 | 0.015 | 0.083 | 183.651 | 5.427 | 0.083 | 211.683 | 4.812 | 0.083 | 0.308 | 0.0 | 0.083 | 0.144 | 0.0 |
| 9 | 5914 | 5915 | SN | 1 | -34.812 | 14.695 | 0.0 | -34.954 | 15.325 | 0.0 | 2.525 | 22.353 | 0.006 | 0.754 | 22.56 | 0.019 | 0.084 | 208.91 | 5.852 | 0.084 | 215.817 | 5.696 | 0.083 | 0.118 | 0.0 | 0.083 | 0.132 | 0.0 |
| 10 | 5915 | 5916 | SN | 1 | -34.026 | 17.127 | 0.0 | -34.929 | 18.71 | 0.0 | 1.325 | 21.753 | 0.0 | 2.307 | 21.069 | 0.0 | 0.084 | 178.049 | 2.595 | 0.083 | 214.64 | 2.216 | 0.083 | 0.126 | 0.0 | 0.083 | 0.117 | 0.0 |
| 11 | 5915 | 5916 | SN | 2 | -34.026 | 17.127 | 0.0 | -34.929 | 18.71 | 0.0 | 1.325 | 21.753 | 0.0 | 2.307 | 21.069 | 0.0 | 0.084 | 178.049 | 2.595 | 0.083 | 214.64 | 2.216 | 0.083 | 0.126 | 0.0 | 0.083 | 0.117 | 0.0 |
| 12 | 5915 | 5916 | NS | 1 | -34.977 | 16.928 | 0.0 | -34.379 | 16.782 | 0.0 | -7.561 | 21.091 | 0.0 | -18.759 | 22.788 | 0.021 | 0.084 | 217.024 | 5.044 | 0.084 | 189.061 | 4.703 | 0.083 | 0.46 | 0.0 | 0.083 | 5.246 | 0.024 |
| 13 | 5915 | 5916 | NS | 1 | -34.977 | 16.928 | 0.0 | -34.379 | 16.782 | 0.0 | -7.561 | 21.091 | 0.0 | -18.759 | 22.788 | 0.021 | 0.084 | 217.024 | 5.036 | 0.084 | 189.061 | 4.7 | 0.083 | 0.46 | 0.0 | 0.083 | 5.246 | 0.024 |
| 14 | 5916 | 5917 | NS | 1 | -34.617 | 17.469 | 0.0 | -34.974 | 16.745 | 0.0 | -22.221 | 21.644 | 0.0 | -28.565 | 22.668 | 0.018 | 0.084 | 199.736 | 4.825 | 0.084 | 216.859 | 5.049 | 0.083 | 11.561 | 0.017 | 0.083 | 49.621 | 0.058 |
| 15 | 5916 | 5917 | SN | 2 | -34.49 | 16.566 | 0.0 | -34.891 | 18.557 | 0.0 | 1.004 | 22.359 | 0.045 | 2.078 | 22.721 | 0.142 | 0.084 | 193.986 | 2.079 | 0.083 | 212.732 | 1.759 | 0.083 | 0.13 | 0.0 | 0.083 | 0.119 | 0.0 |
| 16 | 5916 | 5917 | SN | 1 | -34.49 | 16.566 | 0.0 | -34.891 | 18.557 | 0.0 | 1.004 | 22.359 | 0.045 | 2.078 | 22.721 | 0.142 | 0.084 | 193.986 | 2.079 | 0.083 | 212.732 | 1.759 | 0.083 | 0.13 | 0.0 | 0.083 | 0.119 | 0.0 |
| 17 | 5916 | 5917 | NS | 1 | -34.617 | 17.469 | 0.0 | -34.974 | 16.745 | 0.0 | -22.221 | 21.644 | 0.0 | -28.565 | 22.668 | 0.018 | 0.084 | 199.736 | 4.835 | 0.084 | 216.859 | 5.052 | 0.083 | 11.561 | 0.017 | 0.083 | 49.621 | 0.058 |
| 18 | 5916 | 5917 | NS | 2 | -34.617 | 17.469 | 0.0 | -34.974 | 16.745 | 0.0 | -22.221 | 21.644 | 0.0 | -28.565 | 22.668 | 0.018 | 0.084 | 199.736 | 4.835 | 0.084 | 216.859 | 5.052 | 0.083 | 11.561 | 0.017 | 0.083 | 49.621 | 0.058 |
| 19 | 5917 | 5918 | NS | 2 | -34.937 | 16.861 | 0.0 | -34.818 | 16.901 | 0.0 | -27.872 | 22.107 | 0.002 | -23.033 | 22.26 | 0.007 | 0.084 | 214.984 | 3.315 | 0.084 | 209.14 | 3.647 | 0.083 | 42.307 | 0.026 | 0.083 | 13.929 | 0.011 |
| 20 | 5917 | 5918 | NS | 1 | -34.984 | 16.861 | 0.0 | -34.1 | 16.901 | 0.0 | -27.835 | 22.107 | 0.002 | -23.016 | 22.259 | 0.007 | 0.084 | 217.322 | 3.315 | 0.084 | 177.315 | 3.643 | 0.083 | 41.951 | 0.026 | 0.083 | 13.871 | 0.011 |
| 21 | 5917 | 5918 | SN | 2 | -34.758 | 16.579 | 0.0 | -34.666 | 18.071 | 0.0 | 1.088 | 21.816 | 0.0 | 2.729 | 22.743 | 0.211 | 0.084 | 206.284 | 2.532 | 0.083 | 216.745 | 2.212 | 0.083 | 0.129 | 0.0 | 0.083 | 0.113 | 0.0 |
| 22 | 5917 | 5918 | SN | 1 | -34.758 | 16.579 | 0.0 | -34.666 | 18.071 | 0.0 | 1.088 | 21.816 | 0.0 | 2.729 | 22.743 | 0.211 | 0.084 | 206.284 | 2.532 | 0.083 | 216.745 | 2.212 | 0.083 | 0.129 | 0.0 | 0.083 | 0.113 | 0.0 |
| 23 | 5918 | 5919 | NS | 2 | -34.433 | 17.761 | 0.0 | -34.67 | 17.969 | 0.0 | -17.971 | 21.411 | 0.0 | -18.902 | 23.001 | 0.048 | 0.083 | 191.402 | 1.461 | 0.083 | 202.125 | 1.243 | 0.083 | 4.386 | 0.04 | 0.083 | 5.42 | 0.046 |
| 24 | 5918 | 5919 | NS | 1 | -33.58 | 17.761 | 0.0 | -31.531 | 17.967 | 0.0 | -17.973 | 21.411 | 0.0 | -18.904 | 23.0 | 0.048 | 0.083 | 157.748 | 1.461 | 0.083 | 98.142 | 1.241 | 0.083 | 4.388 | 0.04 | 0.083 | 5.421 | 0.046 |
| 25 | 5918 | 5919 | SN | 1 | -34.99 | 17.22 | 0.0 | -34.62 | 18.219 | 0.0 | 0.621 | 21.875 | 0.0 | 4.767 | 22.039 | 0.01 | 0.084 | 217.582 | 2.053 | 0.083 | 199.874 | 1.594 | 0.083 | 0.134 | 0.0 | 0.083 | 0.101 | 0.0 |
| 26 | 5918 | 5919 | SN | 2 | -34.99 | 17.22 | 0.0 | -34.62 | 18.219 | 0.0 | 0.621 | 21.875 | 0.0 | 4.767 | 22.039 | 0.01 | 0.084 | 217.582 | 2.053 | 0.083 | 199.874 | 1.594 | 0.083 | 0.134 | 0.0 | 0.083 | 0.101 | 0.0 |
| 27 | 5918 | 5919 | NS | 1 | -34.433 | 17.761 | 0.0 | -34.67 | 17.969 | 0.0 | -17.971 | 21.411 | 0.0 | -18.902 | 23.001 | 0.048 | 0.083 | 191.402 | 1.461 | 0.083 | 202.125 | 1.243 | 0.083 | 4.386 | 0.04 | 0.083 | 5.42 | 0.046 |
| 28 | 5919 | 5920 | SN | 1 | -34.868 | 17.505 | 0.0 | -34.855 | 18.631 | 0.0 | 0.508 | 22.924 | 0.139 | 1.001 | 23.392 | 0.564 | 0.083 | 211.557 | 4.182 | 0.083 | 210.984 | 3.185 | 0.083 | 0.141 | 0.0 | 0.083 | 0.13 | 0.0 |
| 29 | 5919 | 5920 | SN | 1 | -34.803 | 17.505 | 0.0 | -34.646 | 18.631 | 0.0 | 0.515 | 22.924 | 0.139 | 1.001 | 23.392 | 0.564 | 0.083 | 208.434 | 4.184 | 0.083 | 201.101 | 3.177 | 0.083 | 0.14 | 0.0 | 0.083 | 0.13 | 0.0 |
| 30 | 5919 | 5920 | SN | 1 | -34.868 | 16.426 | 0.0 | -34.855 | 17.433 | 0.0 | 0.508 | 22.924 | 0.142 | 1.001 | 23.392 | 0.564 | 0.084 | 211.557 | 4.385 | 0.084 | 210.984 | 3.359 | 0.083 | 0.141 | 0.0 | 0.083 | 0.13 | 0.0 |
| 31 | 5919 | 5920 | NS | 2 | -34.939 | 17.942 | 0.0 | -34.713 | 18.208 | 0.0 | 1.311 | 22.661 | 0.047 | 2.144 | 23.063 | 0.274 | 0.083 | 215.081 | 1.402 | 0.083 | 204.16 | 1.359 | 0.083 | 0.126 | 0.0 | 0.083 | 0.118 | 0.0 |
| 32 | 5919 | 5920 | NS | 1 | -34.284 | 17.944 | 0.0 | -34.402 | 18.208 | 0.0 | 1.312 | 22.662 | 0.047 | 2.144 | 23.063 | 0.274 | 0.083 | 185.021 | 1.398 | 0.083 | 190.043 | 1.36 | 0.083 | 0.126 | 0.0 | 0.083 | 0.118 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 33 | 5920 | 5921 | SN | 1 | -34.606 | 17.791 | 0.0 | -34.738 | 19.183 | 0.0 | -8.236 | 23.068 | 0.06 | -8.576 | 24.028 | 0.752 | 0.083 | 199.248 | 3.394 | 0.083 | 205.35 | 3.165 | 0.083 | 0.526 | 0.0 | 0.083 | 0.563 | 0.0 |
| 34 | 5920 | 5921 | SN | 1 | -34.606 | 17.791 | 0.0 | -34.738 | 19.183 | 0.0 | -4.463 | 23.068 | 0.095 | -8.576 | 23.807 | 0.824 | 0.083 | 199.248 | 3.543 | 0.083 | 205.35 | 3.692 | 0.083 | 0.271 | 0.0 | 0.083 | 0.563 | 0.0 |
| 35 | 5920 | 5921 | SN | 1 | -34.606 | 17.791 | 0.0 | -34.738 | 19.183 | 0.0 | -4.463 | 23.068 | 0.074 | -8.576 | 24.028 | 0.948 | 0.083 | 199.248 | 3.394 | 0.083 | 205.35 | 3.155 | 0.083 | 0.271 | 0.0 | 0.083 | 0.563 | 0.0 |
| 36 | 5920 | 5921 | NS | 1 | -33.817 | 18.021 | 0.0 | -34.397 | 18.445 | 0.0 | 0.624 | 22.927 | 0.069 | 1.869 | 23.973 | 0.877 | 0.083 | 166.143 | 2.515 | 0.083 | 189.869 | 2.23 | 0.083 | 0.134 | 0.0 | 0.083 | 0.121 | 0.0 |
| 37 | 5920 | 5921 | NS | 2 | -34.388 | 18.023 | 0.0 | -34.962 | 18.445 | 0.0 | 0.624 | 22.927 | 0.069 | 1.871 | 23.973 | 0.877 | 0.083 | 189.45 | 2.517 | 0.083 | 216.2 | 2.233 | 0.083 | 0.134 | 0.0 | 0.083 | 0.121 | 0.0 |
| 38 | 5921 | 5922 | NS | 1 | -34.855 | 18.182 | 0.0 | -34.493 | 18.499 | 0.0 | -17.642 | 22.597 | 0.074 | -16.466 | 24.028 | 1.972 | 0.083 | 210.994 | 3.289 | 0.083 | 194.116 | 2.997 | 0.083 | 4.07 | 0.021 | 0.083 | 3.12 | 0.012 |
| 39 | 5921 | 5922 | SN | 1 | -34.888 | 16.985 | 0.0 | -34.45 | 18.94 | 0.0 | -33.939 | 22.899 | 0.036 | -6.621 | 23.99 | 0.457 | 0.084 | 212.52 | 2.72 | 0.083 | 192.172 | 2.269 | 0.083 | 170.853 | 0.035 | 0.083 | 0.384 | 0.0 |
| 40 | 5922 | 5923 | NS | 1 | -34.812 | 18.615 | 0.0 | -34.929 | 19.022 | 0.0 | -5.841 | 22.098 | 0.005 | -6.047 | 24.008 | 1.093 | 0.083 | 213.127 | 3.066 | 0.083 | 214.611 | 2.769 | 0.083 | 0.332 | 0.0 | 0.083 | 0.345 | 0.0 |
| 41 | 5927 | 5928 | SN | 1 | -34.233 | 18.546 | 0.0 | -34.98 | 19.718 | 0.0 | -1.223 | 21.917 | 0.0 | -1.967 | 22.375 | 0.009 | 0.083 | 196.149 | 4.254 | 0.083 | 224.598 | 3.223 | 0.083 | 0.164 | 0.0 | 0.083 | 0.18 | 0.0 |
| 42 | 5927 | 5928 | SN | 1 | -34.233 | 16.875 | 0.0 | -34.98 | 18.14 | 0.0 | -1.223 | 21.917 | 0.0 | -1.967 | 22.375 | 0.007 | 0.084 | 196.149 | 4.533 | 0.083 | 224.598 | 3.863 | 0.083 | 0.164 | 0.0 | 0.083 | 0.18 | 0.0 |
| 43 | 5927 | 5928 | SN | 1 | -34.979 | 18.546 | 0.0 | -34.55 | 19.718 | 0.0 | -4.532 | 21.917 | 0.0 | -4.163 | 22.375 | 0.007 | 0.083 | 217.082 | 4.096 | 0.083 | 196.666 | 3.123 | 0.083 | 0.285 | 0.0 | 0.083 | 0.249 | 0.0 |
| 44 | 5928 | 5929 | SN | 1 | -34.987 | 18.476 | 0.0 | -34.611 | 18.713 | 0.0 | 1.137 | 22.251 | 0.003 | -1.477 | 21.415 | 0.0 | 0.083 | 217.424 | 5.829 | 0.083 | 199.405 | 4.647 | 0.083 | 0.128 | 0.0 | 0.083 | 0.169 | 0.0 |
| 45 | 5928 | 5929 | SN | 1 | -34.987 | 13.957 | 0.0 | -34.611 | 15.02 | 0.0 | 1.137 | 22.251 | 0.003 | -1.477 | 21.415 | 0.0 | 0.085 | 217.424 | 6.228 | 0.084 | 199.405 | 5.249 | 0.083 | 0.128 | 0.0 | 0.083 | 0.169 | 0.0 |
| 46 | 5928 | 5929 | SN | 1 | -34.987 | 18.476 | 0.0 | -34.611 | 19.273 | 0.0 | 1.057 | 22.251 | 0.002 | -1.477 | 21.415 | 0.0 | 0.083 | 217.424 | 5.767 | 0.083 | 199.405 | 4.355 | 0.083 | 0.129 | 0.0 | 0.083 | 0.169 | 0.0 |
| 47 | 5928 | 5929 | NS | 1 | -34.057 | 19.768 | 0.0 | -34.787 | 20.701 | 0.0 | -2.586 | 21.569 | 0.0 | -2.295 | 23.459 | 0.067 | 0.083 | 175.536 | 2.095 | 0.083 | 207.666 | 1.972 | 0.083 | 0.196 | 0.0 | 0.083 | 0.188 | 0.0 |
| 48 | 5929 | 5930 | SN | 1 | -34.993 | 18.202 | 0.0 | -34.473 | 18.702 | 0.0 | -0.926 | 21.389 | 0.0 | 0.485 | 22.873 | 0.008 | 0.083 | 219.366 | 4.071 | 0.083 | 193.195 | 3.717 | 0.083 | 0.158 | 0.0 | 0.083 | 0.136 | 0.0 |
| 49 | 5929 | 5930 | SN | 1 | -34.993 | 18.202 | 0.0 | -34.473 | 18.702 | 0.0 | -0.926 | 21.389 | 0.0 | 0.485 | 22.873 | 0.008 | 0.083 | 219.366 | 4.01 | 0.083 | 193.195 | 3.674 | 0.083 | 0.158 | 0.0 | 0.083 | 0.136 | 0.0 |
| 50 | 5929 | 5930 | SN | 1 | -34.993 | 15.02 | 0.0 | -34.473 | 15.396 | 0.0 | -0.786 | 21.389 | 0.0 | 0.485 | 22.873 | 0.011 | 0.084 | 219.366 | 4.476 | 0.084 | 193.195 | 4.315 | 0.083 | 0.155 | 0.0 | 0.083 | 0.136 | 0.0 |
| 51 | 5929 | 5930 | NS | 1 | -34.584 | 16.997 | 0.0 | -34.967 | 16.805 | 0.0 | -11.084 | 21.513 | 0.0 | -31.209 | 22.922 | 0.038 | 0.084 | 198.226 | 2.776 | 0.084 | 216.443 | 2.639 | 0.083 | 0.95 | 0.0 | 0.083 | 91.165 | 0.059 |
| 52 | 5929 | 5930 | NS | 2 | -34.584 | 16.997 | 0.0 | -34.967 | 16.805 | 0.0 | -11.084 | 21.513 | 0.0 | -31.209 | 22.922 | 0.038 | 0.084 | 198.226 | 2.776 | 0.084 | 216.443 | 2.638 | 0.083 | 0.95 | 0.0 | 0.083 | 91.165 | 0.059 |
| 53 | 5930 | 5931 | SN | 1 | -34.804 | 14.729 | 0.0 | -34.987 | 16.262 | 0.0 | -3.01 | 21.346 | 0.0 | -0.021 | 20.848 | 0.0 | 0.084 | 223.69 | 1.39 | 0.084 | 217.454 | 1.362 | 0.083 | 0.208 | 0.0 | 0.083 | 0.143 | 0.0 |
| 54 | 5930 | 5931 | NS | 1 | -34.922 | 16.835 | 0.0 | -34.781 | 16.791 | 0.0 | -27.003 | 21.394 | 0.0 | -23.765 | 22.973 | 0.019 | 0.084 | 214.186 | 5.459 | 0.084 | 207.386 | 5.639 | 0.083 | 34.648 | 0.16 | 0.083 | 16.474 | 0.086 |
| 55 | 5930 | 5931 | NS | 1 | -34.922 | 16.835 | 0.0 | -34.781 | 16.791 | 0.0 | -27.003 | 21.394 | 0.0 | -23.765 | 22.973 | 0.019 | 0.084 | 214.186 | 5.468 | 0.084 | 207.386 | 5.649 | 0.083 | 34.648 | 0.16 | 0.083 | 16.474 | 0.086 |
| 56 | 5930 | 5931 | SN | 1 | -34.804 | 17.222 | 0.0 | -34.987 | 17.997 | 0.0 | -3.01 | 21.346 | 0.0 | -0.021 | 20.848 | 0.0 | 0.084 | 223.69 | 1.294 | 0.083 | 217.454 | 1.172 | 0.083 | 0.208 | 0.0 | 0.083 | 0.143 | 0.0 |
| 57 | 5930 | 5931 | SN | 1 | -34.804 | 17.222 | 0.0 | -34.987 | 17.997 | 0.0 | -3.01 | 21.346 | 0.0 | -0.021 | 20.848 | 0.0 | 0.084 | 223.69 | 1.292 | 0.083 | 217.454 | 1.267 | 0.083 | 0.208 | 0.0 | 0.083 | 0.143 | 0.0 |
| 58 | 5931 | 5932 | SN | 1 | -34.837 | 16.04 | 0.0 | -34.363 | 18.742 | 0.0 | 1.114 | 21.943 | 0.0 | 2.52 | 22.93 | 0.26 | 0.084 | 210.045 | 2.194 | 0.083 | 188.376 | 1.803 | 0.083 | 0.128 | 0.0 | 0.083 | 0.115 | 0.0 |
| 59 | 5931 | 5932 | NS | 1 | -34.942 | 17.112 | 0.0 | -34.303 | 17.113 | 0.0 | -21.665 | 22.444 | 0.005 | -14.408 | 23.0 | 0.022 | 0.084 | 215.243 | 3.325 | 0.084 | 190.501 | 3.252 | 0.083 | 10.182 | 0.015 | 0.083 | 1.968 | 0.001 |
| 60 | 5931 | 5932 | NS | 1 | -34.942 | 17.112 | 0.0 | -34.303 | 17.113 | 0.0 | -21.665 | 22.444 | 0.005 | -14.408 | 23.0 | 0.022 | 0.084 | 215.243 | 3.318 | 0.084 | 190.501 | 3.242 | 0.083 | 10.182 | 0.015 | 0.083 | 1.968 | 0.001 |
| 61 | 5931 | 5932 | SN | 2 | -34.83 | 16.04 | 0.0 | -33.986 | 18.742 | 0.0 | 1.114 | 21.943 | 0.0 | 2.52 | 22.93 | 0.26 | 0.084 | 209.805 | 2.192 | 0.083 | 172.717 | 1.803 | 0.083 | 0.128 | 0.0 | 0.083 | 0.115 | 0.0 |
| 62 | 5932 | 5933 | SN | 1 | -34.83 | 16.505 | 0.0 | -34.416 | 18.156 | 0.0 | 0.088 | 21.547 | 0.0 | 2.257 | 22.548 | 0.088 | 0.084 | 209.774 | 1.712 | 0.083 | 190.706 | 1.167 | 0.083 | 0.141 | 0.0 | 0.083 | 0.117 | 0.0 |
| 63 | 5932 | 5933 | SN | 2 | -34.83 | 16.549 | 0.0 | -34.416 | 18.156 | 0.0 | 0.088 | 21.547 | 0.0 | 2.257 | 22.548 | 0.088 | 0.084 | 209.774 | 1.707 | 0.083 | 190.706 | 1.166 | 0.083 | 0.141 | 0.0 | 0.083 | 0.117 | 0.0 |
| 64 | 5932 | 5933 | SN | 1 | -34.832 | 16.549 | 0.0 | -34.196 | 18.156 | 0.0 | 0.088 | 21.547 | 0.0 | 2.257 | 22.548 | 0.088 | 0.084 | 209.858 | 1.703 | 0.083 | 181.282 | 1.164 | 0.083 | 0.141 | 0.0 | 0.083 | 0.117 | 0.0 |
| 65 | 5932 | 5933 | NS | 1 | -34.38 | 17.393 | 0.0 | -34.278 | 17.969 | 0.0 | -12.479 | 21.524 | 0.0 | -16.649 | 22.69 | 0.033 | 0.084 | 189.094 | 3.692 | 0.083 | 184.705 | 3.519 | 0.083 | 1.285 | 0.002 | 0.083 | 3.251 | 0.011 |
| 66 | 5932 | 5933 | NS | 2 | -34.38 | 17.393 | 0.0 | -34.278 | 17.969 | 0.0 | -12.479 | 21.524 | 0.0 | -16.649 | 22.69 | 0.033 | 0.084 | 189.094 | 3.692 | 0.083 | 184.705 | 3.519 | 0.083 | 1.285 | 0.002 | 0.083 | 3.251 | 0.011 |
| 67 | 5933 | 5934 | NS | 1 | -32.901 | 17.687 | 0.0 | -34.23 | 17.933 | 0.0 | -30.035 | 21.519 | 0.0 | -20.415 | 22.642 | 0.084 | 0.083 | 134.565 | 2.535 | 0.083 | 182.668 | 2.258 | 0.083 | 69.579 | 0.099 | 0.083 | 7.652 | 0.093 |
| 68 | 5933 | 5934 | SN | 1 | -34.693 | 17.041 | 0.0 | -34.651 | 17.992 | 0.0 | -1.411 | 23.034 | 0.115 | 0.616 | 23.103 | 0.312 | 0.084 | 203.191 | 2.304 | 0.083 | 201.296 | 2.091 | 0.083 | 0.174 | 0.0 | 0.083 | 0.134 | 0.0 |
| 69 | 5933 | 5934 | SN | 2 | -34.693 | 17.041 | 0.0 | -34.651 | 17.992 | 0.0 | -1.411 | 23.034 | 0.115 | 0.616 | 23.103 | 0.312 | 0.084 | 203.191 | 2.304 | 0.083 | 201.296 | 2.091 | 0.083 | 0.174 | 0.0 | 0.083 | 0.134 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 70 | 5933 | 5934 | SN | 1 | -34.693 | 16.247 | 0.0 | -34.651 | 17.775 | 0.0 | -1.411 | 23.034 | 0.117 | 0.616 | 23.103 | 0.312 | 0.084 | 203.191 | 2.359 | 0.083 | 201.296 | 2.167 | 0.083 | 0.174 | 0.0 | 0.083 | 0.134 | 0.0 |
| 71 | 5933 | 5934 | NS | 1 | -32.901 | 17.687 | 0.0 | -34.23 | 17.933 | 0.0 | -30.035 | 21.519 | 0.0 | -20.415 | 22.642 | 0.084 | 0.083 | 134.565 | 2.534 | 0.083 | 182.668 | 2.256 | 0.083 | 69.579 | 0.099 | 0.083 | 7.652 | 0.093 |
| 72 | 5934 | 5935 | NS | 1 | -34.386 | 17.839 | 0.0 | -34.199 | 18.424 | 0.0 | 1.391 | 22.313 | 0.021 | 1.79 | 23.399 | 0.399 | 0.083 | 189.421 | 1.639 | 0.083 | 181.408 | 1.628 | 0.083 | 0.125 | 0.0 | 0.083 | 0.121 | 0.0 |
| 73 | 5934 | 5935 | NS | 1 | -34.386 | 17.839 | 0.0 | -34.199 | 18.424 | 0.0 | 1.391 | 22.313 | 0.021 | 1.79 | 23.399 | 0.399 | 0.083 | 189.421 | 1.64 | 0.083 | 181.408 | 1.631 | 0.083 | 0.125 | 0.0 | 0.083 | 0.121 | 0.0 |
| 74 | 5934 | 5935 | SN | 1 | -34.812 | 17.515 | 0.0 | -34.826 | 17.542 | 0.0 | -11.621 | 23.261 | 0.252 | -8.463 | 24.492 | 1.226 | 0.083 | 208.91 | 5.029 | 0.083 | 209.509 | 4.629 | 0.083 | 1.192 | 0.005 | 0.083 | 0.615 | 0.0 |
| 75 | 5934 | 5935 | SN | 1 | -34.812 | 17.515 | 0.0 | -34.826 | 18.639 | 0.0 | -11.621 | 23.261 | 0.154 | -8.463 | 24.492 | 0.865 | 0.083 | 208.91 | 4.677 | 0.083 | 209.509 | 3.853 | 0.083 | 1.192 | 0.003 | 0.083 | 0.615 | 0.0 |
| 76 | 5935 | 5936 | NS | 1 | -34.877 | 18.003 | 0.0 | -34.529 | 18.116 | 0.0 | -0.376 | 22.744 | 0.047 | -1.304 | 24.215 | 1.423 | 0.083 | 211.998 | 4.391 | 0.083 | 195.679 | 4.49 | 0.083 | 0.148 | 0.0 | 0.083 | 0.165 | 0.0 |
| 77 | 5935 | 5936 | SN | 1 | -34.427 | 18.088 | 0.0 | -34.801 | 19.199 | 0.0 | -29.195 | 23.068 | 0.063 | -12.991 | 23.798 | 0.659 | 0.083 | 191.183 | 4.496 | 0.083 | 208.352 | 3.577 | 0.083 | 61.519 | 0.074 | 0.083 | 1.487 | 0.005 |
| 78 | 5936 | 5937 | NS | 1 | -34.209 | 18.635 | 0.0 | -34.691 | 18.854 | 0.0 | 0.16 | 23.295 | 0.152 | 0.03 | 23.912 | 1.683 | 0.083 | 181.784 | 3.056 | 0.083 | 203.189 | 3.059 | 0.083 | 0.14 | 0.0 | 0.083 | 0.142 | 0.0 |

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

Normal

Deviations

Alarming

High Errors