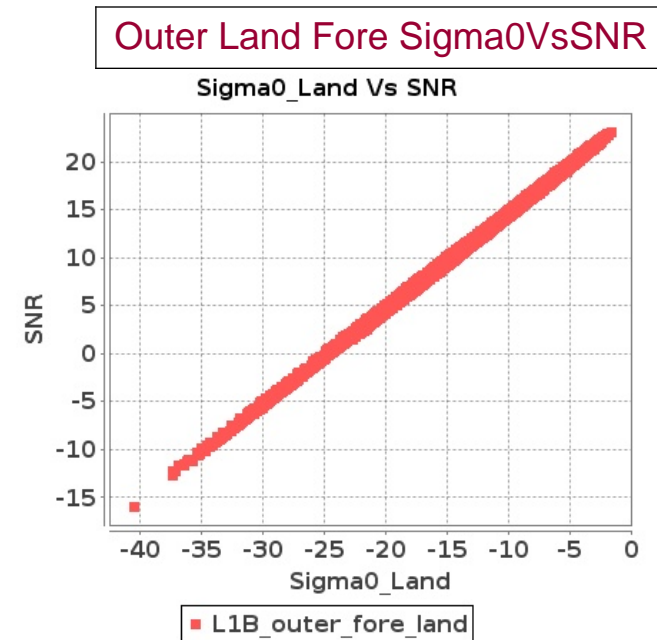
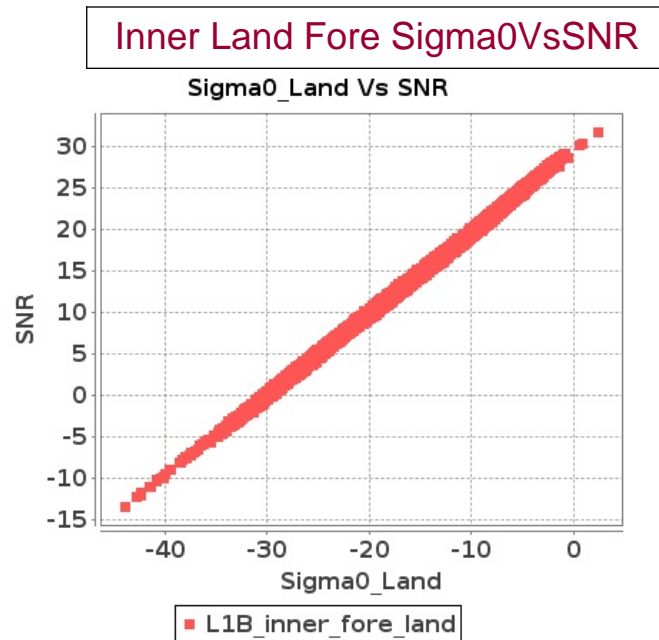
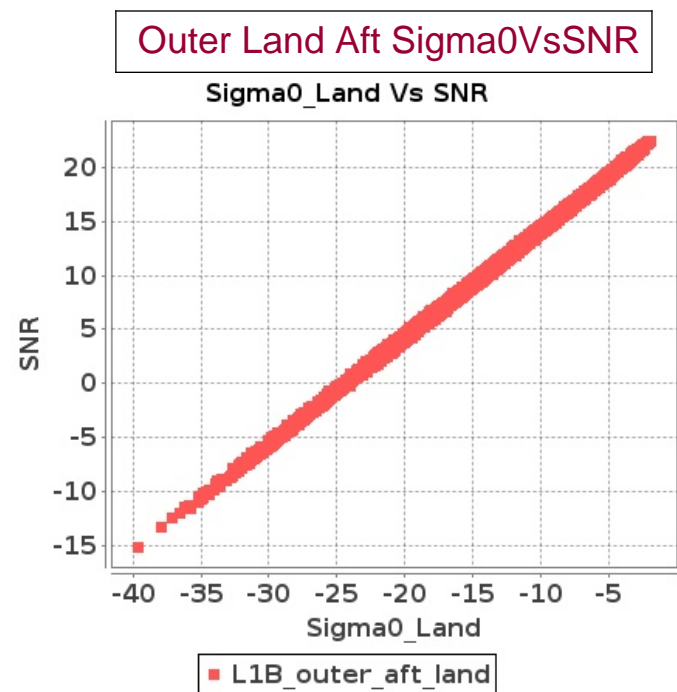
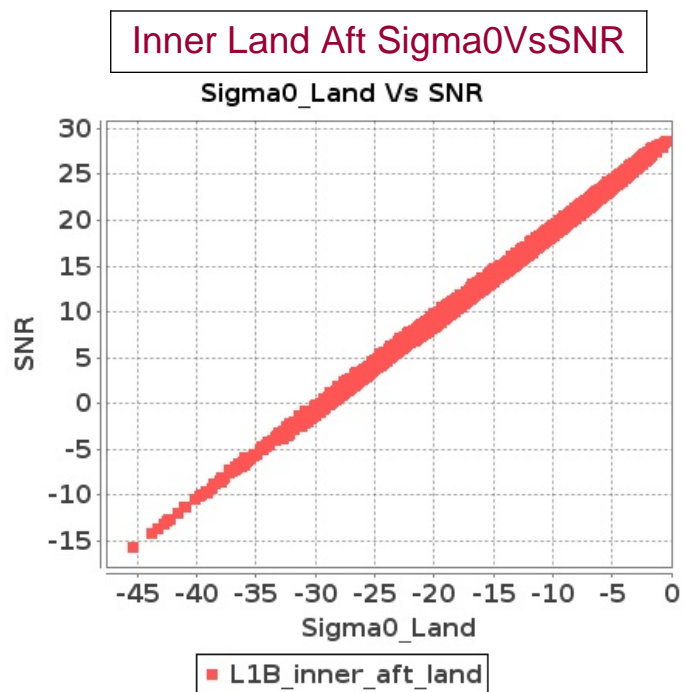
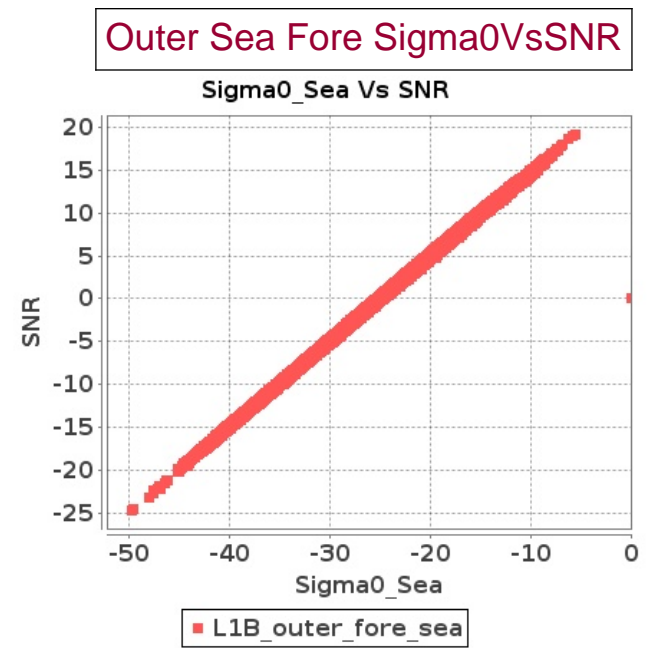
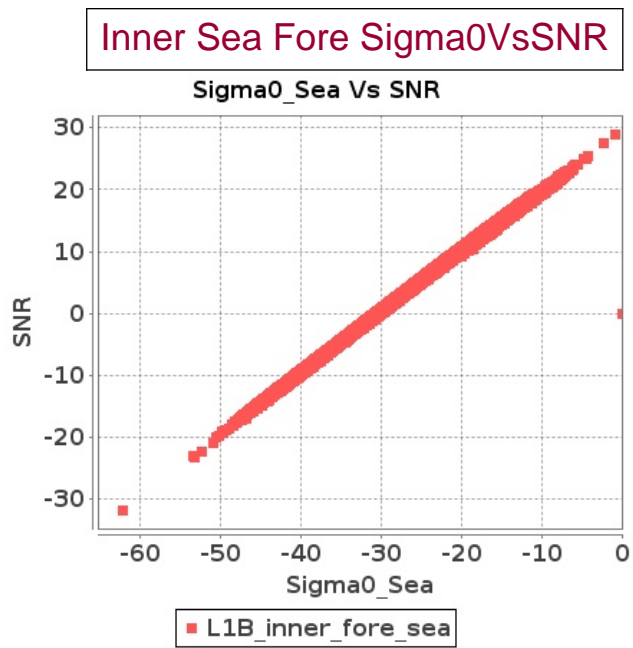
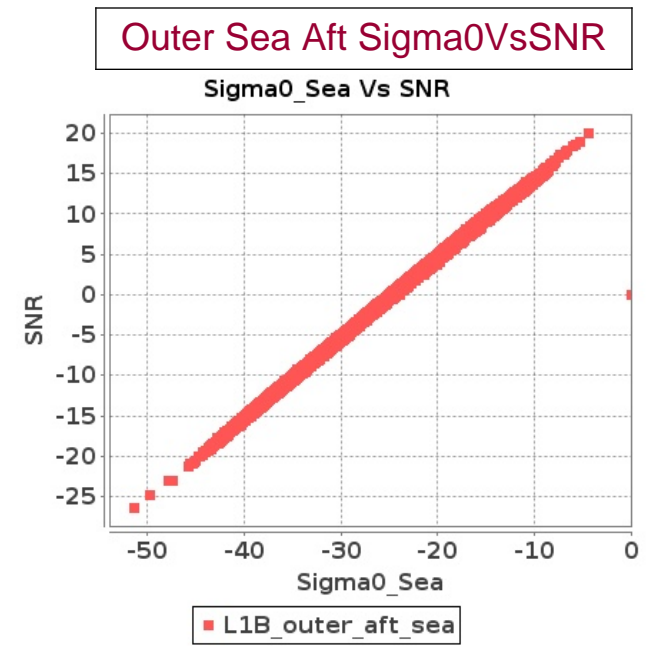
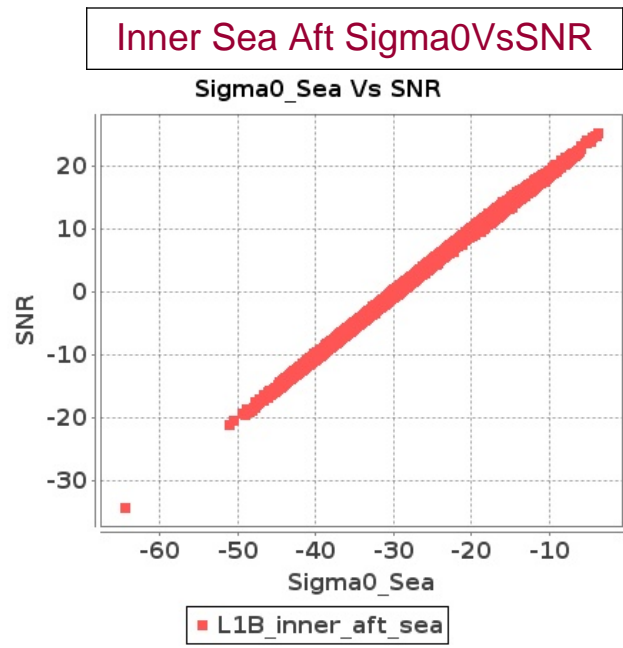
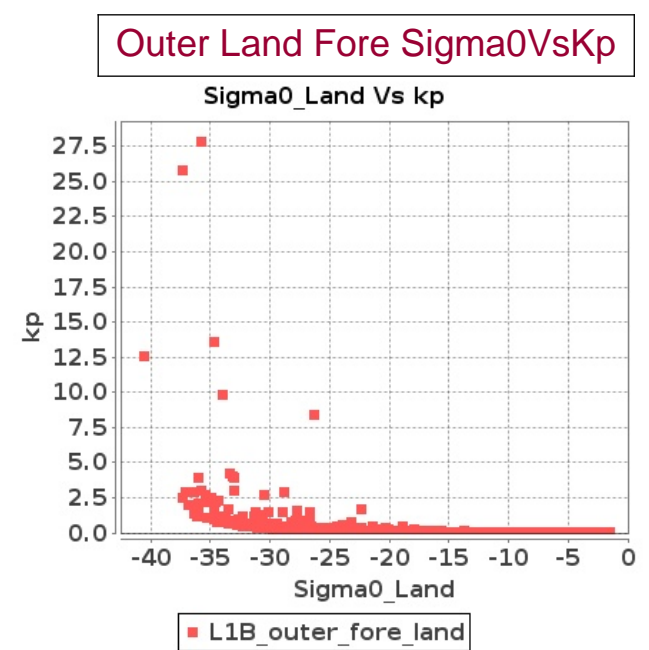
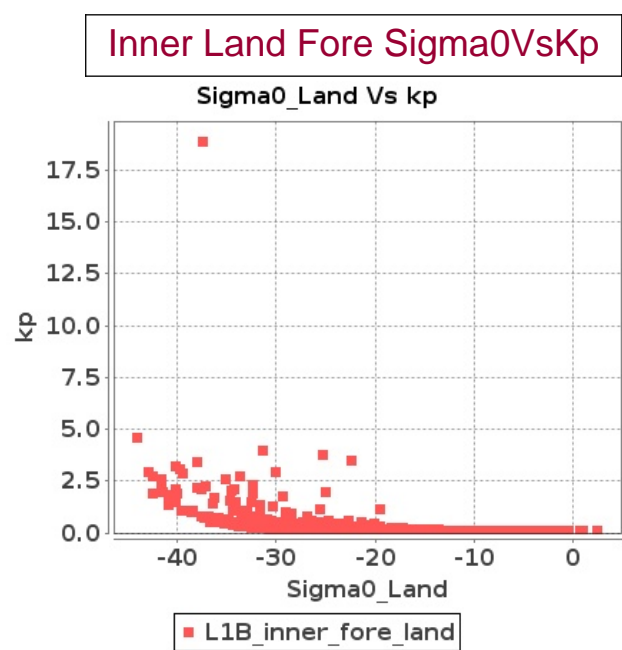
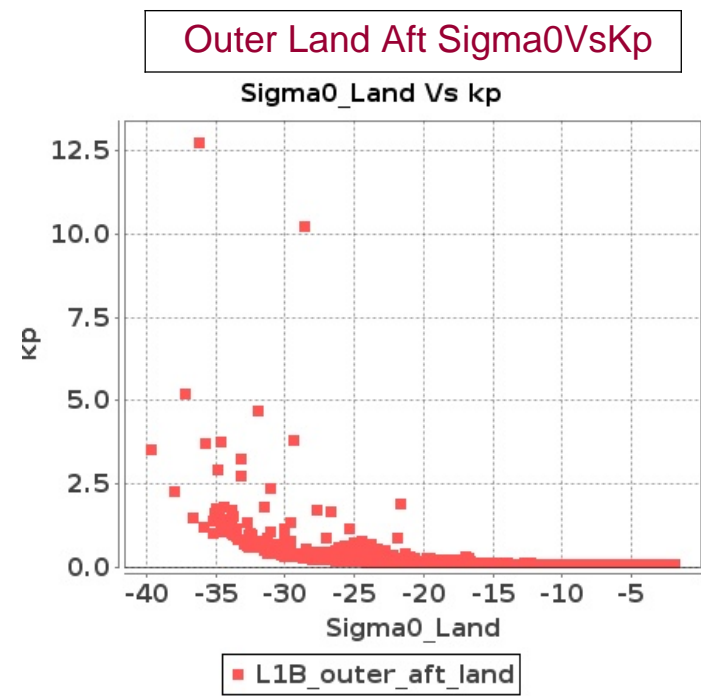
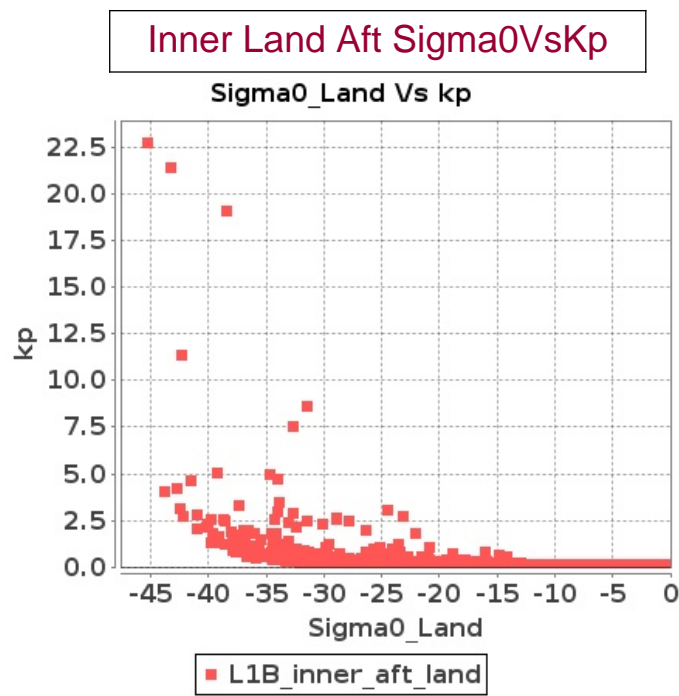
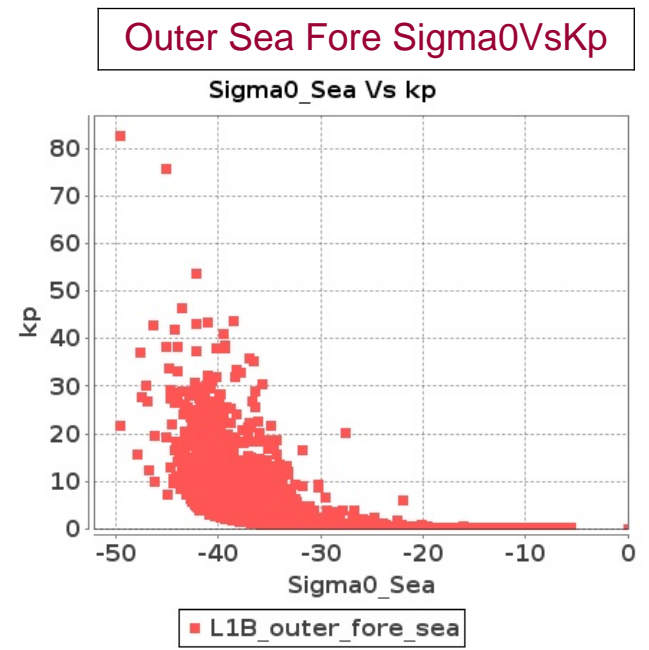
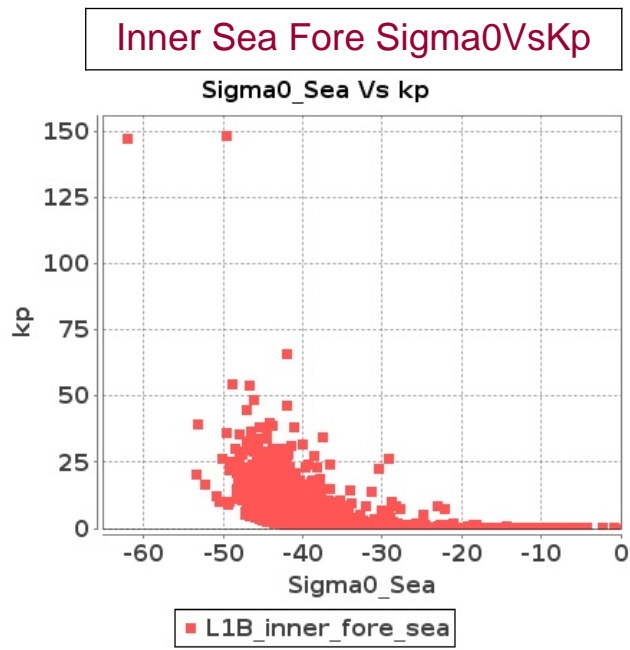
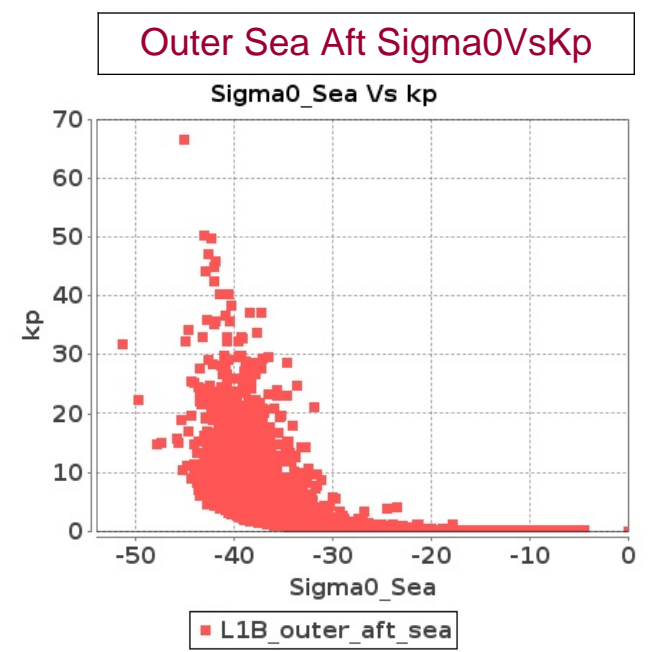
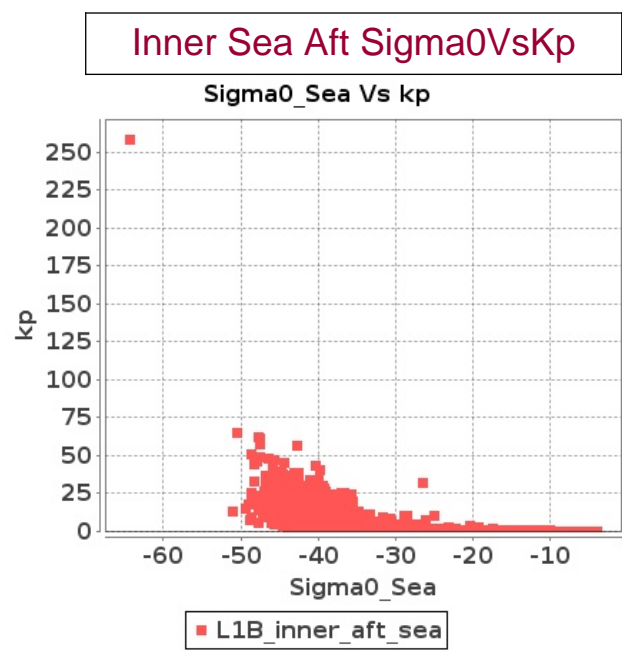


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 05-DEC-2019 To 06-DEC-2019





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

Report between 05-DEC-2019 To 06-DEC-2019

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 16889 | 16890 | SN | 1 | 48.797 | 49.489 | 0.0 | 0.0 | 17.797 | 2.698 | 1040.032 | 1083.328 | 0.0 | -91.852 | -90.09 | 0.0 |
| 2 | 16889 | 16890 | SN | 1 | 48.732 | 49.489 | 0.0 | 0.003 | 6.574 | 2.016 | 1038.784 | 1083.328 | 0.0 | -91.852 | -90.09 | 0.0 |
| 3 | 16889 | 16890 | SN | 1 | 48.732 | 49.489 | 0.0 | 0.0 | 17.797 | 2.701 | 1038.784 | 1083.328 | 0.0 | -91.852 | -90.09 | 0.0 |
| 4 | 16890 | 16891 | SN | 1 | 48.797 | 49.463 | 0.0 | 0.003 | 279.594 | 2.579 | 1039.616 | 1083.264 | 0.0 | -91.85 | -90.065 | 0.0 |
| 5 | 16890 | 16891 | NS | 1 | 48.71 | 49.362 | 0.0 | 0.003 | 264.604 | 2.601 | 1029.464 | 1082.016 | 0.0 | -91.902 | -89.949 | 0.0 |
| 6 | 16890 | 16891 | SN | 1 | 48.797 | 49.463 | 0.0 | 0.003 | 279.594 | 2.576 | 1039.616 | 1083.264 | 0.0 | -91.85 | -90.065 | 0.0 |
| 7 | 16890 | 16891 | SN | 1 | 48.797 | 49.463 | 0.0 | 0.003 | 279.594 | 2.426 | 1039.616 | 1083.264 | 0.0 | -91.85 | -90.065 | 0.0 |
| 8 | 16891 | 16892 | SN | 1 | 48.75 | 49.465 | 0.0 | 0.003 | 276.461 | 2.361 | 1039.832 | 1083.424 | 0.0 | -91.897 | -90.099 | 0.0 |
| 9 | 16891 | 16892 | NS | 2 | 48.71 | 49.348 | 0.0 | 0.003 | 210.872 | 2.506 | 1029.624 | 1082.176 | 0.0 | -91.799 | -89.909 | 0.0 |
| 10 | 16891 | 16892 | NS | 1 | 48.711 | 49.348 | 0.0 | 0.003 | 265.095 | 2.506 | 1029.64 | 1082.16 | 0.0 | -91.799 | -89.909 | 0.0 |
| 11 | 16891 | 16892 | SN | 1 | 48.752 | 49.44 | 0.0 | 0.003 | 276.461 | 2.51 | 1039.672 | 1083.424 | 0.0 | -91.928 | -90.099 | 0.0 |
| 12 | 16891 | 16892 | SN | 1 | 48.752 | 49.44 | 0.0 | 0.003 | 276.461 | 2.375 | 1039.672 | 1083.424 | 0.0 | -91.928 | -90.099 | 0.0 |
| 13 | 16892 | 16893 | NS | 1 | 48.698 | 49.296 | 0.0 | 0.003 | 17.422 | 2.611 | 1029.76 | 1082.144 | 0.0 | -91.744 | -89.964 | 0.0 |
| 14 | 16892 | 16893 | SN | 1 | 48.802 | 49.459 | 0.0 | 0.003 | 6.585 | 2.311 | 1039.464 | 1083.344 | 0.0 | -91.95 | -90.098 | 0.0 |
| 15 | 16892 | 16893 | SN | 1 | 48.802 | 49.459 | 0.0 | 0.003 | 6.585 | 2.515 | 1039.464 | 1083.344 | 0.0 | -91.95 | -90.098 | 0.0 |
| 16 | 16892 | 16893 | SN | 1 | 48.771 | 49.434 | 0.0 | 0.003 | 6.585 | 2.528 | 1039.24 | 1083.344 | 0.0 | -92.444 | -90.098 | 0.0 |
| 17 | 16893 | 16894 | NS | 1 | 48.712 | 49.341 | 0.0 | 0.0 | 232.728 | 2.651 | 1029.44 | 1082.024 | 0.0 | -91.838 | -89.945 | 0.0 |
| 18 | 16893 | 16894 | SN | 2 | 48.795 | 49.433 | 0.0 | 0.003 | 6.563 | 2.537 | 1039.296 | 1083.24 | 0.0 | -91.773 | -90.097 | 0.0 |
| 19 | 16893 | 16894 | SN | 1 | 48.795 | 49.433 | 0.0 | 0.003 | 6.563 | 2.175 | 1039.296 | 1083.24 | 0.0 | -91.773 | -90.097 | 0.0 |
| 20 | 16893 | 16894 | NS | 1 | 48.712 | 49.34 | 0.0 | 0.0 | 232.728 | 2.652 | 1029.432 | 1082.032 | 0.0 | -91.619 | -89.945 | 0.0 |
| 21 | 16893 | 16894 | SN | 1 | 48.795 | 49.433 | 0.0 | 0.003 | 6.563 | 2.537 | 1039.296 | 1083.24 | 0.0 | -91.773 | -90.097 | 0.0 |
| 22 | 16894 | 16895 | SN | 1 | 48.782 | 49.432 | 0.0 | 0.003 | 280.603 | 1.998 | 1040.088 | 1083.168 | 0.0 | -91.916 | -90.097 | 0.0 |
| 23 | 16894 | 16895 | NS | 1 | 48.711 | 49.302 | 0.0 | 0.003 | 13.407 | 2.618 | 1029.8 | 1081.984 | 0.0 | -91.683 | -89.954 | 0.0 |
| 24 | 16894 | 16895 | SN | 1 | 48.782 | 49.432 | 0.0 | 0.003 | 280.603 | 2.572 | 1040.088 | 1083.168 | 0.0 | -91.916 | -90.097 | 0.0 |
| 25 | 16894 | 16895 | NS | 1 | 48.711 | 49.328 | 0.0 | 0.003 | 13.407 | 2.621 | 1029.8 | 1081.984 | 0.0 | -91.698 | -89.954 | 0.0 |
| 26 | 16894 | 16895 | SN | 2 | 48.782 | 49.432 | 0.0 | 0.003 | 280.603 | 2.573 | 1040.088 | 1083.168 | 0.0 | -91.916 | -90.097 | 0.0 |
| 27 | 16895 | 16896 | SN | 1 | 48.817 | 49.485 | 0.0 | 0.003 | 6.568 | 2.635 | 1040.24 | 1083.16 | 0.0 | -91.942 | -90.098 | 0.0 |
| 28 | 16895 | 16896 | NS | 1 | 48.713 | 49.343 | 0.0 | 0.003 | 207.016 | 2.635 | 1028.752 | 1081.928 | 0.0 | -91.691 | -89.968 | 0.0 |
| 29 | 16895 | 16896 | NS | 2 | 48.649 | 49.34 | 0.0 | 0.003 | 210.684 | 2.634 | 1028.712 | 1081.96 | 0.0 | -91.692 | -89.968 | 0.0 |
| 30 | 16895 | 16896 | SN | 1 | 48.817 | 49.485 | 0.0 | 0.003 | 6.568 | 1.78 | 1040.24 | 1083.16 | 0.0 | -91.942 | -90.098 | 0.0 |
| 31 | 16895 | 16896 | SN | 1 | 48.817 | 49.485 | 0.0 | 0.003 | 6.568 | 2.632 | 1040.24 | 1083.16 | 0.0 | -91.942 | -90.098 | 0.0 |
| 32 | 16896 | 16897 | SN | 1 | 48.818 | 49.434 | 0.0 | 0.003 | 6.574 | 2.67 | 1040.112 | 1083.336 | 0.0 | -92.095 | -90.084 | 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 | 16896 | 16897 | NS | 1 | 48.653 | 49.3 | 0.0 | 0.003 | 264.56 | 2.575 | 1029.48 | 1082.08 | 0.0 | -91.886 | -89.967 | 0.0 |
| 34 | 16896 | 16897 | SN | 1 | 48.818 | 49.434 | 0.0 | 0.003 | 6.574 | 1.577 | 1040.112 | 1083.336 | 0.0 | -92.095 | -90.084 | 0.0 |
| 35 | 16897 | 16898 | SN | 1 | 48.818 | 49.501 | 0.0 | 0.003 | 6.579 | 2.56 | 1040.24 | 1083.392 | 0.0 | -92.298 | -90.04 | 0.0 |
| 36 | 16897 | 16898 | NS | 2 | 48.709 | 49.36 | 0.0 | 0.003 | 210.662 | 2.721 | 1029.464 | 1082.16 | 0.0 | -91.836 | -89.946 | 0.0 |
| 37 | 16897 | 16898 | NS | 1 | 48.709 | 49.36 | 0.0 | 0.003 | 210.662 | 2.721 | 1029.464 | 1082.16 | 0.0 | -91.836 | -89.946 | 0.0 |
| 38 | 16897 | 16898 | SN | 2 | 48.818 | 49.501 | 0.0 | 0.003 | 6.585 | 2.56 | 1040.232 | 1083.408 | 0.0 | -92.298 | -90.04 | 0.0 |
| 39 | 16898 | 16899 | SN | 1 | 48.805 | 49.492 | 0.0 | 0.003 | 279.296 | 2.554 | 1039.64 | 1083.352 | 0.0 | -91.906 | -90.082 | 0.0 |
| 40 | 16898 | 16899 | NS | 1 | 48.652 | 49.321 | 0.0 | 0.003 | 41.784 | 2.665 | 1028.992 | 1082.096 | 0.0 | -91.867 | -89.935 | 0.0 |
| 41 | 16898 | 16899 | NS | 1 | 48.652 | 49.309 | 0.0 | 0.003 | 41.784 | 2.663 | 1028.992 | 1082.096 | 0.0 | -91.706 | -89.935 | 0.0 |
| 42 | 16899 | 16900 | SN | 2 | 48.808 | 49.481 | 0.0 | 0.003 | 29.58 | 2.627 | 1040.104 | 1083.312 | 0.0 | -91.915 | -90.072 | 0.0 |
| 43 | 16899 | 16900 | NS | 1 | 48.663 | 49.324 | 0.0 | 0.0 | 267.246 | 2.764 | 1029.168 | 1082.064 | 0.0 | -91.932 | -89.967 | 0.0 |
| 44 | 16899 | 16900 | SN | 1 | 48.807 | 49.481 | 0.0 | 0.003 | 277.901 | 2.629 | 1040.104 | 1083.312 | 0.0 | -91.915 | -90.072 | 0.0 |
| 45 | 16899 | 16900 | NS | 1 | 48.679 | 49.294 | 0.0 | 0.0 | 267.246 | 2.762 | 1028.816 | 1082.064 | 0.0 | -91.855 | -89.967 | 0.0 |
| 46 | 16900 | 16901 | SN | 1 | 48.775 | 49.482 | 0.0 | 0.003 | 215.515 | 2.603 | 1040.432 | 1083.408 | 0.0 | -91.796 | -90.072 | 0.0 |
| 47 | 16900 | 16901 | NS | 1 | 48.687 | 49.352 | 0.0 | 0.0 | 266.766 | 2.583 | 1028.408 | 1082.184 | 0.0 | -91.75 | -89.966 | 0.0 |
| 48 | 16900 | 16901 | NS | 1 | 48.687 | 49.325 | 0.0 | 0.0 | 266.766 | 2.389 | 1028.408 | 1081.288 | 0.0 | -91.898 | -89.966 | 0.0 |
| 49 | 16900 | 16901 | NS | 1 | 48.689 | 49.295 | 0.0 | 0.0 | 264.494 | 2.58 | 1028.48 | 1082.184 | 0.0 | -91.74 | -89.966 | 0.0 |
| 50 | 16900 | 16901 | SN | 1 | 48.763 | 49.481 | 0.0 | 0.003 | 215.51 | 2.601 | 1040.04 | 1083.4 | 0.0 | -91.796 | -90.073 | 0.0 |
| 51 | 16901 | 16902 | NS | 1 | 48.709 | 49.362 | 0.0 | 0.0 | 45.046 | 2.743 | 1029.04 | 1082.208 | 0.0 | -92.372 | -89.964 | 0.0 |
| 52 | 16901 | 16902 | SN | 1 | 48.779 | 49.456 | 0.0 | 0.003 | 281.364 | 2.572 | 1040.416 | 1083.448 | 0.0 | -91.85 | -90.081 | 0.0 |
| 53 | 16901 | 16902 | NS | 1 | 48.709 | 49.362 | 0.0 | 0.0 | 45.046 | 2.337 | 1029.04 | 1080.464 | 0.0 | -91.789 | -89.964 | 0.0 |
| 54 | 16901 | 16902 | SN | 1 | 48.763 | 49.456 | 0.0 | 0.003 | 281.364 | 2.57 | 1040.264 | 1083.448 | 0.0 | -91.85 | -90.081 | 0.0 |
| 55 | 16901 | 16902 | NS | 2 | 48.709 | 49.362 | 0.0 | 0.0 | 45.046 | 2.743 | 1029.04 | 1082.208 | 0.0 | -92.372 | -89.964 | 0.0 |
| 56 | 16902 | 16903 | SN | 2 | 48.775 | 49.475 | 0.0 | 0.003 | 6.579 | 2.557 | 1040.408 | 1083.576 | 0.0 | -91.839 | -90.101 | 0.0 |
| 57 | 16902 | 16903 | NS | 1 | 48.66 | 49.294 | 0.0 | 0.003 | 264.577 | 2.592 | 1028.552 | 1082.28 | 0.0 | -91.722 | -89.964 | 0.0 |
| 58 | 16902 | 16903 | SN | 1 | 48.775 | 49.475 | 0.0 | 0.003 | 6.579 | 2.557 | 1040.408 | 1083.576 | 0.0 | -91.839 | -90.101 | 0.0 |
| 59 | 16902 | 16903 | NS | 2 | 48.66 | 49.294 | 0.0 | 0.003 | 264.577 | 2.593 | 1028.552 | 1082.272 | 0.0 | -91.722 | -89.964 | 0.0 |
| 60 | 16902 | 16903 | NS | 1 | 48.66 | 49.294 | 0.0 | 0.003 | 264.577 | 1.486 | 1028.552 | 1078.144 | 0.0 | -91.744 | -89.964 | 0.0 |
| 61 | 16903 | 16904 | SN | 1 | 48.798 | 49.472 | 0.0 | 0.0 | 13.186 | 2.732 | 1040.568 | 1083.64 | 0.0 | -91.857 | -90.102 | 0.0 |
| 62 | 16903 | 16904 | NS | 1 | 48.668 | 49.362 | 0.0 | 0.0 | 207.0 | 2.74 | 1028.864 | 1082.432 | 0.0 | -91.86 | -89.959 | 0.0 |
| 63 | 16903 | 16904 | NS | 1 | 48.667 | 49.357 | 0.0 | 0.0 | 207.0 | 1.737 | 1028.848 | 1074.232 | 0.0 | -91.82 | -89.959 | 0.0 |
| 64 | 16903 | 16904 | NS | 1 | 48.667 | 49.361 | 0.0 | 0.0 | 207.0 | 2.744 | 1028.848 | 1082.336 | 0.0 | -91.896 | -89.959 | 0.0 |
| 65 | 16903 | 16904 | SN | 1 | 48.822 | 49.472 | 0.0 | 0.003 | 6.579 | 1.701 | 1040.568 | 1083.64 | 0.0 | -91.857 | -90.102 | 0.0 |
| 66 | 16903 | 16904 | SN | 2 | 48.798 | 49.472 | 0.0 | 0.0 | 13.192 | 2.731 | 1040.568 | 1083.64 | 0.0 | -91.857 | -90.102 | 0.0 |
| 67 | 16904 | 16905 | NS | 1 | 48.695 | 49.354 | 0.0 | 0.003 | 13.661 | 2.671 | 1028.32 | 1082.208 | 0.0 | -91.844 | -89.94 | 0.0 |
| 68 | 16904 | 16905 | SN | 2 | 48.776 | 49.446 | 0.0 | 0.0 | 220.909 | 2.927 | 1040.168 | 1083.472 | 0.0 | -91.782 | -90.064 | 0.0 |
| 69 | 16904 | 16905 | SN | 1 | 48.795 | 49.446 | 0.0 | 0.0 | 220.898 | 2.544 | 1040.656 | 1083.472 | 0.0 | -91.782 | -90.064 | 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 | 16904 | 16905 | SN | 1 | 48.776 | 49.446 | 0.0 | 0.0 | 220.909 | 2.927 | 1040.168 | 1083.472 | 0.0 | -91.782 | -90.064 | 0.0 |
| 71 | 16905 | 16906 | SN | 1 | 48.788 | 49.451 | 0.0 | 0.0 | 74.646 | 2.576 | 1039.6 | 1083.64 | 0.0 | -91.92 | -90.07 | 0.0 |
| 72 | 16905 | 16906 | SN | 1 | 48.788 | 49.451 | 0.0 | 0.003 | 6.585 | 2.386 | 1039.6 | 1083.64 | 0.0 | -91.92 | -90.07 | 0.0 |
| 73 | 16905 | 16906 | NS | 2 | 48.709 | 49.357 | 0.0 | 0.0 | 264.362 | 2.637 | 1029.536 | 1082.408 | 0.0 | -91.885 | -89.927 | 0.0 |
| 74 | 16905 | 16906 | NS | 1 | 48.71 | 49.362 | 0.0 | 0.0 | 264.362 | 2.647 | 1029.536 | 1082.408 | 0.0 | -91.904 | -89.927 | 0.0 |
| 75 | 16905 | 16906 | SN | 1 | 48.768 | 49.451 | 0.0 | 0.003 | 6.59 | 2.385 | 1039.376 | 1083.64 | 0.0 | -91.92 | -90.07 | 0.0 |
| 76 | 16906 | 16907 | SN | 1 | 48.767 | 49.435 | 0.0 | 0.003 | 215.212 | 2.496 | 1039.16 | 1083.704 | 0.0 | -91.948 | -90.097 | 0.0 |
| 77 | 16906 | 16907 | SN | 1 | 48.773 | 49.435 | 0.0 | 0.003 | 215.212 | 2.329 | 1039.096 | 1083.704 | 0.0 | -91.948 | -90.097 | 0.0 |
| 78 | 16906 | 16907 | NS | 1 | 48.681 | 49.358 | 0.0 | 0.003 | 43.257 | 2.513 | 1029.664 | 1082.496 | 0.0 | -91.803 | -89.934 | 0.0 |
| 79 | 16907 | 16908 | NS | 1 | 48.68 | 49.355 | 0.0 | 0.0 | 264.224 | 2.768 | 1029.016 | 1082.416 | 0.0 | -91.884 | -89.943 | 0.0 |
| 80 | 16907 | 16908 | SN | 1 | 48.816 | 49.434 | 0.0 | 0.003 | 6.585 | 2.545 | 1040.096 | 1083.576 | 0.0 | -91.735 | -90.068 | 0.0 |
| 81 | 16908 | 16909 | SN | 1 | 48.767 | 49.434 | 0.0 | 0.003 | 276.351 | 2.54 | 1039.088 | 1083.528 | 0.0 | -91.883 | -90.095 | 0.0 |
| 82 | 16908 | 16909 | SN | 1 | 48.767 | 49.434 | 0.0 | 0.003 | 6.579 | 2.087 | 1039.088 | 1083.528 | 0.0 | -91.883 | -90.095 | 0.0 |
| 83 | 16908 | 16909 | NS | 1 | 48.71 | 49.363 | 0.0 | 0.003 | 267.169 | 2.615 | 1029.744 | 1082.328 | 0.0 | -91.856 | -89.957 | 0.0 |
| 84 | 16908 | 16909 | NS | 1 | 48.711 | 49.363 | 0.0 | 0.003 | 267.169 | 2.626 | 1029.752 | 1082.312 | 0.0 | -91.856 | -89.958 | 0.0 |
| 85 | 16909 | 16910 | SN | 1 | 48.815 | 49.474 | 0.0 | 0.003 | 6.568 | 2.627 | 1040.048 | 1083.432 | 0.0 | -92.028 | -90.095 | 0.0 |
| 86 | 16909 | 16910 | NS | 1 | 48.647 | 49.364 | 0.0 | 0.0 | 264.803 | 2.744 | 1029.736 | 1082.232 | 0.0 | -91.71 | -89.962 | 0.0 |
| 87 | 16909 | 16910 | NS | 1 | 48.711 | 49.365 | 0.0 | 0.0 | 264.803 | 2.742 | 1029.76 | 1082.2 | 0.0 | -91.825 | -89.962 | 0.0 |
| 88 | 16909 | 16910 | SN | 1 | 48.815 | 49.474 | 0.0 | 0.003 | 6.568 | 1.91 | 1040.048 | 1083.432 | 0.0 | -92.028 | -90.095 | 0.0 |
| 89 | 16910 | 16911 | NS | 1 | 48.709 | 49.347 | 0.0 | 0.003 | 14.422 | 2.568 | 1029.56 | 1082.272 | 0.0 | -91.746 | -89.966 | 0.0 |
| 90 | 16910 | 16911 | NS | 1 | 48.71 | 49.334 | 0.0 | 0.003 | 14.427 | 2.568 | 1029.592 | 1082.232 | 0.0 | -91.73 | -89.967 | 0.0 |
| 91 | 16910 | 16911 | SN | 1 | 48.778 | 49.461 | 0.0 | 0.003 | 281.43 | 1.657 | 1039.24 | 1083.52 | 0.0 | -91.904 | -90.091 | 0.0 |
| 92 | 16910 | 16911 | SN | 1 | 48.778 | 49.461 | 0.0 | 0.003 | 281.43 | 2.665 | 1039.24 | 1083.52 | 0.0 | -91.904 | -90.091 | 0.0 |
| 93 | 16911 | 16912 | NS | 2 | 48.697 | 49.346 | 0.0 | 0.003 | 264.797 | 2.637 | 1029.416 | 1082.448 | 0.0 | -91.859 | -89.964 | 0.0 |
| 94 | 16911 | 16912 | NS | 1 | 48.698 | 49.347 | 0.0 | 0.003 | 264.797 | 2.637 | 1029.44 | 1082.416 | 0.0 | -91.858 | -89.964 | 0.0 |
| 95 | 16911 | 16912 | SN | 1 | 48.817 | 49.499 | 0.0 | 0.003 | 6.59 | 2.598 | 1040.432 | 1083.68 | 0.0 | -91.884 | -90.056 | 0.0 |
| 96 | 16911 | 16912 | SN | 1 | 48.817 | 49.499 | 0.0 | 0.003 | 6.59 | 2.596 | 1040.432 | 1083.68 | 0.0 | -92.095 | -90.056 | 0.0 |
| 97 | 16911 | 16912 | SN | 1 | 48.817 | 49.499 | 0.0 | 0.003 | 6.59 | 1.544 | 1040.432 | 1083.68 | 0.0 | -91.884 | -90.056 | 0.0 |
| 98 | 16912 | 16913 | SN | 1 | 48.815 | 49.498 | 0.0 | 0.003 | 6.596 | 2.527 | 1040.392 | 1083.68 | 0.0 | -91.895 | -90.041 | 0.0 |
| 99 | 16912 | 16913 | NS | 1 | 48.677 | 49.337 | 0.0 | 0.003 | 267.417 | 2.678 | 1029.536 | 1082.464 | 0.0 | -91.876 | -89.96 | 0.0 |
| 100 | 16913 | 16914 | SN | 1 | 48.818 | 49.474 | 0.0 | 0.003 | 215.278 | 2.549 | 1040.304 | 1083.56 | 0.0 | -91.912 | -90.08 | 0.0 |
| 101 | 16913 | 16914 | NS | 1 | 48.686 | 49.373 | 0.0 | 0.0 | 207.0 | 2.762 | 1028.576 | 1084.176 | 0.0 | -92.433 | -89.94 | 0.0 |
| 102 | 16914 | 16915 | NS | 1 | 48.691 | 49.358 | 0.0 | 0.003 | 42.551 | 2.583 | 1028.776 | 1082.376 | 0.0 | -91.976 | -89.967 | 0.0 |
| 103 | 16914 | 16915 | SN | 2 | 48.819 | 49.435 | 0.0 | 0.008 | 279.186 | 2.649 | 1040.224 | 1083.656 | 0.0 | -91.798 | -90.081 | 0.0 |
| 104 | 16914 | 16915 | NS | 1 | 48.691 | 49.326 | 0.0 | 0.003 | 42.551 | 2.586 | 1028.776 | 1082.376 | 0.0 | -91.796 | -89.967 | 0.0 |
| 105 | 16914 | 16915 | NS | 1 | 48.691 | 49.326 | 0.0 | 0.003 | 42.551 | 2.527 | 1028.776 | 1082.128 | 0.0 | -91.796 | -89.967 | 0.0 |
| 106 | 16914 | 16915 | SN | 1 | 48.819 | 49.436 | 0.0 | 0.008 | 214.368 | 2.65 | 1040.224 | 1083.656 | 0.0 | -91.798 | -90.081 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 16915 | 16916 | SN | 1 | 48.818 | 49.436 | 0.0 | 0.003 | 6.574 | 2.594 | 1040.168 | 1083.72 | 0.0 | -91.91 | -90.075 | 0.0 |
| 108 | 16915 | 16916 | SN | 2 | 48.818 | 49.436 | 0.0 | 0.003 | 6.574 | 2.594 | 1040.168 | 1083.72 | 0.0 | -91.91 | -90.075 | 0.0 |
| 109 | 16915 | 16916 | NS | 1 | 48.684 | 49.355 | 0.0 | 0.003 | 267.014 | 2.553 | 1028.712 | 1082.44 | 0.0 | -91.896 | -89.965 | 0.0 |
| 110 | 16915 | 16916 | NS | 1 | 48.684 | 49.361 | 0.0 | 0.003 | 267.014 | 2.549 | 1028.712 | 1082.44 | 0.0 | -91.847 | -89.965 | 0.0 |
| 111 | 16915 | 16916 | NS | 1 | 48.684 | 49.341 | 0.0 | 0.003 | 267.014 | 2.172 | 1028.712 | 1080.856 | 0.0 | -91.776 | -89.965 | 0.0 |
| 112 | 16916 | 16917 | NS | 1 | 48.651 | 49.359 | 0.0 | 0.0 | 35.296 | 1.851 | 1029.232 | 1079.616 | 0.0 | -91.89 | -89.962 | 0.0 |
| 113 | 16916 | 16917 | SN | 1 | 48.773 | 49.462 | 0.0 | 0.003 | 6.585 | 2.577 | 1040.16 | 1083.816 | 0.0 | -92.174 | -90.1 | 0.0 |
| 114 | 16916 | 16917 | NS | 2 | 48.651 | 49.359 | 0.0 | 0.0 | 35.296 | 2.766 | 1029.232 | 1082.536 | 0.0 | -91.858 | -89.962 | 0.0 |
| 115 | 16916 | 16917 | NS | 1 | 48.651 | 49.359 | 0.0 | 0.0 | 35.296 | 2.766 | 1029.232 | 1082.52 | 0.0 | -91.858 | -89.962 | 0.0 |
| 116 | 16916 | 16917 | SN | 1 | 48.773 | 49.462 | 0.0 | 0.003 | 6.585 | 2.574 | 1040.16 | 1083.816 | 0.0 | -92.174 | -90.1 | 0.0 |
| 117 | 16917 | 16918 | NS | 2 | 48.649 | 49.35 | 0.0 | 0.003 | 264.218 | 2.593 | 1028.832 | 1082.624 | 0.0 | -91.866 | -89.963 | 0.0 |
| 118 | 16917 | 16918 | NS | 1 | 48.648 | 49.348 | 0.0 | 0.003 | 207.022 | 1.523 | 1028.824 | 1076.768 | 0.0 | -91.866 | -89.963 | 0.0 |
| 119 | 16917 | 16918 | NS | 1 | 48.648 | 49.349 | 0.0 | 0.003 | 207.022 | 2.59 | 1028.824 | 1082.64 | 0.0 | -91.866 | -89.963 | 0.0 |
| 120 | 16917 | 16918 | SN | 1 | 48.815 | 49.472 | 0.0 | 0.0 | 281.072 | 2.728 | 1040.216 | 1083.92 | 0.0 | -91.836 | -90.101 | 0.0 |
| 121 | 16917 | 16918 | SN | 1 | 48.815 | 49.472 | 0.0 | 0.003 | 281.072 | 1.538 | 1040.216 | 1083.92 | 0.0 | -91.836 | -90.101 | 0.0 |
| 122 | 16917 | 16918 | SN | 1 | 48.813 | 49.472 | 0.0 | 0.0 | 281.072 | 2.725 | 1040.216 | 1083.92 | 0.0 | -91.836 | -90.101 | 0.0 |
| 123 | 16918 | 16919 | NS | 1 | 48.651 | 49.367 | 0.0 | 0.003 | 17.78 | 2.769 | 1028.52 | 1082.528 | 0.0 | -91.88 | -89.964 | 0.0 |
| 124 | 16918 | 16919 | NS | 1 | 48.651 | 49.364 | 0.0 | 0.003 | 17.78 | 2.771 | 1028.52 | 1082.528 | 0.0 | -91.863 | -89.964 | 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 | 16889 | 16890 | SN | 1 | -33.438 | 23.645 | 0.322 | -34.27 | 24.248 | 1.673 | -4.266 | 27.579 | 6.982 | -9.438 | 30.639 | 7.493 | 0.116 | 213.93 | 2.022 | 0.116 | 259.12 | 1.586 | 0.116 | 0.356 | 0.0 | 0.116 | 0.943 | 0.0 |
| 2 | 16889 | 16890 | SN | 1 | -33.438 | 23.041 | 0.061 | -34.27 | 24.115 | 1.026 | -4.266 | 27.579 | 6.89 | -9.438 | 30.639 | 7.508 | 0.116 | 213.93 | 2.136 | 0.116 | 259.12 | 1.755 | 0.116 | 0.356 | 0.0 | 0.116 | 0.943 | 0.0 |
| 3 | 16889 | 16890 | SN | 1 | -33.438 | 23.646 | 0.321 | -34.27 | 24.246 | 1.673 | -4.266 | 27.579 | 6.986 | -9.438 | 30.639 | 7.508 | 0.116 | 213.93 | 2.027 | 0.116 | 259.12 | 1.584 | 0.116 | 0.356 | 0.0 | 0.116 | 0.943 | 0.0 |
| 4 | 16890 | 16891 | SN | 1 | -34.62 | 23.31 | 0.224 | -33.096 | 24.246 | 0.909 | -0.419 | 31.915 | 7.247 | 0.997 | 28.699 | 4.318 | 0.116 | 280.819 | 3.779 | 0.116 | 197.75 | 2.874 | 0.116 | 0.209 | 0.0 | 0.116 | 0.182 | 0.0 |
| 5 | 16890 | 16891 | NS | 1 | -34.773 | 24.116 | 0.164 | -34.541 | 24.885 | 0.196 | -4.28 | 34.155 | 7.271 | -3.553 | 36.383 | 18.083 | 0.116 | 290.926 | 6.53 | 0.116 | 275.737 | 5.6 | 0.116 | 0.356 | 0.0 | 0.116 | 0.317 | 0.0 |
| 6 | 16890 | 16891 | SN | 1 | -34.62 | 23.31 | 0.224 | -33.096 | 24.248 | 0.909 | -0.419 | 31.915 | 7.232 | 0.997 | 28.699 | 4.305 | 0.116 | 280.819 | 3.779 | 0.116 | 197.75 | 2.875 | 0.116 | 0.209 | 0.0 | 0.116 | 0.182 | 0.0 |
| 7 | 16890 | 16891 | SN | 1 | -34.62 | 23.31 | 0.159 | -33.096 | 24.246 | 0.93 | -0.419 | 31.915 | 7.247 | 0.997 | 28.699 | 4.318 | 0.116 | 280.819 | 3.87 | 0.116 | 197.75 | 2.94 | 0.116 | 0.209 | 0.0 | 0.116 | 0.182 | 0.0 |
| 8 | 16891 | 16892 | SN | 1 | -34.931 | 22.545 | 0.013 | -34.807 | 23.102 | 0.07 | 3.002 | 27.381 | 8.972 | 4.914 | 31.067 | 6.393 | 0.116 | 301.649 | 6.02 | 0.116 | 293.173 | 4.355 | 0.116 | 0.156 | 0.0 | 0.116 | 0.141 | 0.0 |
| 9 | 16891 | 16892 | NS | 2 | -34.73 | 22.616 | 0.013 | -34.656 | 22.571 | 0.003 | -2.003 | 28.758 | 7.498 | -9.664 | 28.792 | 15.147 | 0.116 | 288.033 | 4.352 | 0.116 | 283.13 | 5.205 | 0.116 | 0.254 | 0.0 | 0.116 | 0.988 | 0.0 |
| 10 | 16891 | 16892 | NS | 1 | -34.864 | 22.616 | 0.013 | -34.73 | 22.571 | 0.003 | -2.003 | 28.758 | 7.498 | -9.664 | 28.792 | 15.148 | 0.116 | 297.072 | 4.352 | 0.116 | 288.018 | 5.205 | 0.116 | 0.254 | 0.0 | 0.116 | 0.988 | 0.0 |
| 11 | 16891 | 16892 | SN | 1 | -34.846 | 22.538 | 0.013 | -34.765 | 23.102 | 0.069 | 3.002 | 27.378 | 9.045 | 4.915 | 31.067 | 6.403 | 0.116 | 295.829 | 5.92 | 0.116 | 290.414 | 4.289 | 0.116 | 0.156 | 0.0 | 0.116 | 0.141 | 0.0 |
| 12 | 16891 | 16892 | SN | 1 | -34.846 | 22.538 | 0.013 | -34.765 | 23.102 | 0.07 | 3.002 | 27.378 | 9.045 | 4.915 | 31.067 | 6.403 | 0.116 | 295.829 | 6.018 | 0.116 | 290.414 | 4.349 | 0.116 | 0.156 | 0.0 | 0.116 | 0.141 | 0.0 |
| 13 | 16892 | 16893 | NS | 1 | -34.971 | 20.872 | 0.0 | -34.858 | 21.776 | 0.0 | -3.696 | 27.995 | 6.469 | -4.911 | 29.236 | 12.142 | 0.116 | 304.481 | 2.189 | 0.116 | 296.701 | 2.417 | 0.116 | 0.324 | 0.0 | 0.116 | 0.396 | 0.0 |
| 14 | 16892 | 16893 | SN | 1 | -34.96 | 23.143 | 0.044 | -34.406 | 23.736 | 0.13 | 6.307 | 26.811 | 10.321 | 6.417 | 27.74 | 8.93 | 0.116 | 303.699 | 4.776 | 0.116 | 267.333 | 3.571 | 0.116 | 0.134 | 0.0 | 0.116 | 0.134 | 0.0 |
| 15 | 16892 | 16893 | SN | 1 | -34.96 | 23.143 | 0.043 | -34.406 | 23.736 | 0.128 | 6.307 | 26.811 | 10.296 | 6.417 | 27.74 | 8.959 | 0.116 | 303.699 | 4.697 | 0.116 | 267.333 | 3.517 | 0.116 | 0.134 | 0.0 | 0.116 | 0.134 | 0.0 |
| 16 | 16892 | 16893 | SN | 1 | -34.925 | 23.143 | 0.043 | -34.748 | 23.736 | 0.128 | 6.306 | 26.805 | 10.45 | 6.417 | 27.74 | 8.882 | 0.116 | 301.23 | 4.696 | 0.116 | 289.235 | 3.52 | 0.116 | 0.134 | 0.0 | 0.116 | 0.134 | 0.0 |
| 17 | 16893 | 16894 | NS | 1 | -31.54 | 21.084 | 0.0 | -33.622 | 21.613 | 0.0 | -25.058 | 28.248 | 3.837 | -14.976 | 29.785 | 9.003 | 0.116 | 138.212 | 1.437 | 0.116 | 223.196 | 1.603 | 0.116 | 31.139 | 0.016 | 0.116 | 3.138 | 0.005 |
| 18 | 16893 | 16894 | SN | 2 | -34.656 | 22.913 | 0.031 | -34.974 | 24.027 | 0.203 | 5.597 | 27.299 | 12.948 | 7.506 | 27.572 | 15.731 | 0.116 | 283.197 | 2.695 | 0.116 | 304.713 | 2.304 | 0.116 | 0.137 | 0.0 | 0.116 | 0.129 | 0.0 |
| 19 | 16893 | 16894 | SN | 1 | -34.656 | 22.913 | 0.032 | -34.974 | 24.027 | 0.208 | 5.597 | 27.299 | 13.04 | 7.506 | 27.572 | 16.271 | 0.116 | 283.197 | 2.775 | 0.116 | 304.713 | 2.358 | 0.116 | 0.137 | 0.0 | 0.116 | 0.129 | 0.0 |
| 20 | 16893 | 16894 | NS | 1 | -31.136 | 21.084 | 0.0 | -34.912 | 21.613 | 0.0 | -25.327 | 28.248 | 3.827 | -14.976 | 29.785 | 9.014 | 0.116 | 125.941 | 1.437 | 0.116 | 300.437 | 1.608 | 0.116 | 33.133 | 0.016 | 0.116 | 3.138 | 0.005 |
| 21 | 16893 | 16894 | SN | 1 | -34.656 | 22.913 | 0.031 | -34.974 | 24.027 | 0.203 | 5.597 | 27.299 | 12.948 | 7.506 | 27.572 | 15.731 | 0.116 | 283.197 | 2.695 | 0.116 | 304.713 | 2.304 | 0.116 | 0.137 | 0.0 | 0.116 | 0.129 | 0.0 |
| 22 | 16894 | 16895 | SN | 1 | -34.677 | 22.317 | 0.003 | -34.436 | 22.82 | 0.007 | 5.401 | 26.818 | 13.943 | 8.004 | 28.159 | 16.912 | 0.116 | 284.579 | 4.077 | 0.116 | 269.154 | 2.793 | 0.116 | 0.138 | 0.0 | 0.116 | 0.128 | 0.0 |
| 23 | 16894 | 16895 | NS | 1 | -33.54 | 23.068 | 0.021 | -33.416 | 22.95 | 0.064 | -8.391 | 27.537 | 4.535 | -6.758 | 29.054 | 8.76 | 0.116 | 219.048 | 2.166 | 0.116 | 212.907 | 1.593 | 0.116 | 0.762 | 0.0 | 0.116 | 0.553 | 0.0 |
| 24 | 16894 | 16895 | SN | 1 | -34.677 | 22.317 | 0.003 | -34.436 | 22.82 | 0.008 | 5.401 | 26.818 | 13.374 | 8.004 | 28.159 | 16.6 | 0.116 | 284.579 | 3.942 | 0.116 | 269.154 | 2.679 | 0.116 | 0.138 | 0.0 | 0.116 | 0.128 | 0.0 |
| 25 | 16894 | 16895 | NS | 1 | -32.705 | 23.069 | 0.021 | -34.662 | 22.95 | 0.064 | -8.391 | 27.537 | 4.526 | -6.758 | 29.054 | 8.76 | 0.116 | 180.718 | 2.152 | 0.116 | 283.515 | 1.594 | 0.116 | 0.762 | 0.0 | 0.116 | 0.553 | 0.0 |
| 26 | 16894 | 16895 | SN | 2 | -34.677 | 22.317 | 0.003 | -34.436 | 22.82 | 0.008 | 5.401 | 26.818 | 13.374 | 8.004 | 28.159 | 16.6 | 0.116 | 284.579 | 3.942 | 0.116 | 269.154 | 2.679 | 0.116 | 0.138 | 0.0 | 0.116 | 0.128 | 0.0 |
| 27 | 16895 | 16896 | SN | 1 | -33.867 | 21.289 | 0.0 | -34.688 | 22.695 | 0.014 | 5.192 | 30.031 | 8.802 | 8.19 | 28.672 | 11.285 | 0.116 | 236.115 | 3.67 | 0.116 | 285.265 | 2.962 | 0.116 | 0.14 | 0.0 | 0.116 | 0.127 | 0.0 |
| 28 | 16895 | 16896 | NS | 1 | -34.77 | 23.233 | 0.107 | -34.651 | 26.46 | 0.467 | -9.624 | 28.716 | 7.277 | -9.257 | 29.423 | 12.416 | 0.116 | 290.664 | 4.493 | 0.116 | 282.888 | 4.702 | 0.116 | 0.98 | 0.0 | 0.116 | 0.909 | 0.0 |
| 29 | 16895 | 16896 | NS | 2 | -34.561 | 23.233 | 0.106 | -34.651 | 26.46 | 0.467 | -9.622 | 28.716 | 7.273 | -9.257 | 29.423 | 12.417 | 0.116 | 277.073 | 4.492 | 0.116 | 282.888 | 4.701 | 0.116 | 0.98 | 0.0 | 0.116 | 0.909 | 0.0 |
| 30 | 16895 | 16896 | SN | 1 | -33.867 | 21.289 | 0.0 | -34.688 | 21.841 | 0.0 | 5.192 | 30.031 | 9.286 | 8.19 | 28.672 | 11.287 | 0.116 | 236.115 | 3.866 | 0.116 | 285.265 | 3.196 | 0.116 | 0.14 | 0.0 | 0.116 | 0.127 | 0.0 |
| 31 | 16895 | 16896 | SN | 1 | -34.608 | 21.289 | 0.0 | -34.688 | 22.692 | 0.013 | 5.192 | 30.031 | 8.802 | 8.19 | 28.671 | 11.282 | 0.116 | 280.074 | 3.667 | 0.116 | 285.265 | 2.958 | 0.116 | 0.14 | 0.0 | 0.116 | 0.127 | 0.0 |
| 32 | 16896 | 16897 | SN | 1 | -34.96 | 21.932 | 0.0 | -34.708 | 23.793 | 0.085 | -3.453 | 33.347 | 9.74 | 3.498 | 32.665 | 11.544 | 0.116 | 303.696 | 8.762 | 0.116 | 286.641 | 7.113 | 0.116 | 0.312 | 0.0 | 0.116 | 0.152 | 0.0 |
| 33 | 16896 | 16897 | NS | 1 | -33.808 | 23.9 | 0.048 | -33.843 | 24.359 | 0.122 | 4.216 | 30.557 | 9.396 | 6.609 | 29.104 | 16.008 | 0.116 | 232.961 | 1.581 | 0.116 | 234.892 | 1.362 | 0.116 | 0.146 | 0.0 | 0.116 | 0.133 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|--------|-------|---------|--------|-------|--------|-------|-------|--------|-------|
| 34 | 16896 | 16897 | SN | 1 | -34.96 | 21.932 | 0.0 | -34.708 | 23.793 | 0.029 | -3.446 | 33.347 | 10.313 | 3.498 | 32.665 | 11.532 | 0.116 | 303.696 | 9.512 | 0.116 | 286.641 | 8.255 | 0.116 | 0.312 | 0.0 | 0.116 | 0.152 | 0.0 |
| 35 | 16897 | 16898 | SN | 1 | -34.337 | 21.185 | 0.0 | -34.838 | 23.102 | 0.073 | -12.38 | 28.62 | 13.165 | -6.656 | 29.225 | 13.649 | 0.116 | 263.129 | 7.387 | 0.116 | 295.34 | 7.022 | 0.116 | 1.767 | 0.003 | 0.116 | 0.543 | 0.0 |
| 36 | 16897 | 16898 | NS | 2 | -34.863 | 24.765 | 0.028 | -32.23 | 24.724 | 0.055 | 0.409 | 29.203 | 16.283 | 4.514 | 30.444 | 31.422 | 0.116 | 297.016 | 2.277 | 0.116 | 162.005 | 1.81 | 0.116 | 0.192 | 0.0 | 0.116 | 0.144 | 0.0 |
| 37 | 16897 | 16898 | NS | 1 | -34.863 | 24.765 | 0.028 | -32.23 | 24.724 | 0.055 | 0.409 | 29.203 | 16.283 | 4.514 | 30.444 | 31.422 | 0.116 | 297.016 | 2.277 | 0.116 | 162.005 | 1.81 | 0.116 | 0.192 | 0.0 | 0.116 | 0.144 | 0.0 |
| 38 | 16897 | 16898 | SN | 2 | -34.337 | 21.183 | 0.0 | -34.838 | 23.102 | 0.073 | -12.38 | 28.62 | 13.165 | -6.656 | 29.225 | 13.648 | 0.116 | 263.129 | 7.387 | 0.116 | 295.34 | 7.02 | 0.116 | 1.767 | 0.003 | 0.116 | 0.543 | 0.0 |
| 39 | 16898 | 16899 | SN | 1 | -34.803 | 23.83 | 0.012 | -34.606 | 23.765 | 0.127 | -5.1 | 29.236 | 12.556 | -3.241 | 29.681 | 11.945 | 0.116 | 292.918 | 7.992 | 0.116 | 279.944 | 7.169 | 0.116 | 0.409 | 0.0 | 0.116 | 0.302 | 0.0 |
| 40 | 16898 | 16899 | NS | 1 | -34.371 | 27.823 | 0.132 | -33.602 | 27.801 | 0.344 | -24.093 | 30.764 | 12.587 | -23.211 | 29.717 | 23.019 | 0.116 | 265.166 | 3.673 | 0.116 | 222.143 | 3.696 | 0.116 | 24.953 | 0.081 | 0.116 | 20.387 | 0.076 |
| 41 | 16898 | 16899 | NS | 1 | -34.96 | 27.823 | 0.132 | -34.402 | 27.801 | 0.344 | -24.093 | 30.764 | 12.587 | -23.211 | 29.717 | 23.019 | 0.116 | 303.75 | 3.67 | 0.116 | 280.847 | 3.691 | 0.116 | 24.953 | 0.081 | 0.116 | 20.387 | 0.076 |
| 42 | 16899 | 16900 | SN | 2 | -34.852 | 23.091 | 0.015 | -34.721 | 24.497 | 0.211 | -20.462 | 30.349 | 13.465 | -10.55 | 30.492 | 13.943 | 0.116 | 296.198 | 6.749 | 0.116 | 287.462 | 6.537 | 0.116 | 10.866 | 0.015 | 0.116 | 1.191 | 0.002 |
| 43 | 16899 | 16900 | NS | 1 | -34.923 | 28.84 | 0.219 | -34.88 | 24.389 | 0.587 | 2.104 | 29.986 | 14.15 | 6.28 | 34.686 | 21.29 | 0.116 | 301.127 | 4.514 | 0.116 | 313.566 | 3.915 | 0.116 | 0.166 | 0.0 | 0.116 | 0.134 | 0.0 |
| 44 | 16899 | 16900 | SN | 1 | -34.852 | 23.091 | 0.015 | -34.685 | 24.497 | 0.211 | -20.462 | 30.349 | 13.464 | -10.55 | 30.492 | 13.943 | 0.116 | 296.198 | 6.751 | 0.116 | 285.088 | 6.536 | 0.116 | 10.866 | 0.015 | 0.116 | 1.191 | 0.002 |
| 45 | 16899 | 16900 | NS | 1 | -34.781 | 28.84 | 0.218 | -34.657 | 24.39 | 0.587 | 2.107 | 29.986 | 14.126 | 6.278 | 34.684 | 21.234 | 0.116 | 291.404 | 4.515 | 0.116 | 283.294 | 3.92 | 0.116 | 0.166 | 0.0 | 0.116 | 0.134 | 0.0 |
| 46 | 16900 | 16901 | SN | 1 | -33.39 | 23.233 | 0.069 | -34.105 | 23.68 | 0.692 | -24.698 | 28.773 | 11.943 | -14.449 | 29.686 | 12.085 | 0.116 | 211.628 | 3.16 | 0.116 | 249.437 | 2.521 | 0.116 | 28.668 | 0.007 | 0.116 | 2.788 | 0.013 |
| 47 | 16900 | 16901 | NS | 1 | -34.699 | 27.63 | 0.096 | -34.475 | 25.602 | 0.337 | 9.186 | 29.149 | 23.004 | 10.551 | 28.672 | 35.317 | 0.116 | 285.94 | 4.868 | 0.116 | 271.63 | 4.262 | 0.116 | 0.125 | 0.0 | 0.116 | 0.122 | 0.0 |
| 48 | 16900 | 16901 | NS | 1 | -34.699 | 27.63 | 0.096 | -34.53 | 25.602 | 0.337 | 9.186 | 29.149 | 19.925 | 10.532 | 28.679 | 33.287 | 0.116 | 285.94 | 4.872 | 0.116 | 275.072 | 4.262 | 0.116 | 0.125 | 0.0 | 0.116 | 0.122 | 0.0 |
| 49 | 16900 | 16901 | NS | 1 | -34.868 | 27.63 | 0.097 | -34.942 | 25.602 | 0.337 | 9.188 | 29.147 | 22.984 | 10.551 | 28.672 | 35.21 | 0.116 | 297.271 | 4.867 | 0.116 | 302.43 | 4.268 | 0.116 | 0.125 | 0.0 | 0.116 | 0.122 | 0.0 |
| 50 | 16900 | 16901 | SN | 1 | -33.39 | 23.233 | 0.069 | -31.509 | 23.68 | 0.689 | -24.698 | 28.773 | 11.929 | -14.449 | 29.687 | 12.066 | 0.116 | 211.628 | 3.158 | 0.116 | 137.239 | 2.519 | 0.116 | 28.668 | 0.007 | 0.116 | 2.788 | 0.013 |
| 51 | 16901 | 16902 | NS | 1 | -34.076 | 25.964 | 0.276 | -34.541 | 26.643 | 0.371 | 10.777 | 28.751 | 23.25 | 11.85 | 28.72 | 34.435 | 0.116 | 247.792 | 2.119 | 0.116 | 275.765 | 2.085 | 0.116 | 0.122 | 0.0 | 0.116 | 0.121 | 0.0 |
| 52 | 16901 | 16902 | SN | 1 | -34.27 | 22.161 | 0.001 | -34.762 | 24.217 | 0.714 | -14.099 | 29.52 | 21.047 | -9.962 | 30.357 | 23.893 | 0.116 | 259.127 | 3.221 | 0.116 | 290.212 | 2.584 | 0.116 | 2.58 | 0.009 | 0.116 | 1.052 | 0.002 |
| 53 | 16901 | 16902 | NS | 1 | -34.076 | 25.964 | 0.277 | -34.541 | 26.643 | 0.371 | 10.777 | 28.751 | 14.36 | 11.852 | 28.72 | 36.209 | 0.116 | 247.792 | 2.12 | 0.116 | 275.765 | 2.085 | 0.116 | 0.122 | 0.0 | 0.116 | 0.121 | 0.0 |
| 54 | 16901 | 16902 | SN | 1 | -34.27 | 22.153 | 0.001 | -34.762 | 24.217 | 0.715 | -14.135 | 29.52 | 21.035 | -9.964 | 30.354 | 23.808 | 0.116 | 259.127 | 3.218 | 0.116 | 290.212 | 2.583 | 0.116 | 2.6 | 0.009 | 0.116 | 1.053 | 0.002 |
| 55 | 16901 | 16902 | NS | 2 | -34.076 | 25.964 | 0.276 | -34.541 | 26.643 | 0.371 | 10.777 | 28.751 | 23.25 | 11.85 | 28.72 | 34.435 | 0.116 | 247.792 | 2.119 | 0.116 | 275.765 | 2.085 | 0.116 | 0.122 | 0.0 | 0.116 | 0.121 | 0.0 |
| 56 | 16902 | 16903 | SN | 2 | -34.991 | 22.91 | 0.041 | -34.855 | 24.257 | 0.621 | 6.462 | 28.853 | 36.093 | 7.384 | 30.603 | 49.362 | 0.116 | 305.883 | 5.047 | 0.116 | 296.42 | 4.574 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 57 | 16902 | 16903 | NS | 1 | -34.803 | 23.686 | 0.205 | -34.674 | 23.668 | 0.116 | 5.532 | 28.176 | 27.223 | 7.435 | 31.437 | 36.874 | 0.116 | 292.936 | 1.997 | 0.116 | 284.314 | 2.059 | 0.116 | 0.138 | 0.0 | 0.116 | 0.13 | 0.0 |
| 58 | 16902 | 16903 | SN | 1 | -34.991 | 22.91 | 0.041 | -34.855 | 24.257 | 0.621 | 6.462 | 28.853 | 36.093 | 7.384 | 30.603 | 49.362 | 0.116 | 305.883 | 5.047 | 0.116 | 296.42 | 4.574 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 59 | 16902 | 16903 | NS | 2 | -34.803 | 23.686 | 0.205 | -34.674 | 23.668 | 0.116 | 5.532 | 28.176 | 27.223 | 7.435 | 31.437 | 36.874 | 0.116 | 292.936 | 1.997 | 0.116 | 284.314 | 2.059 | 0.116 | 0.138 | 0.0 | 0.116 | 0.13 | 0.0 |
| 60 | 16902 | 16903 | NS | 1 | -34.803 | 23.686 | 0.205 | -34.674 | 23.668 | 0.116 | 10.788 | 27.557 | 10.424 | 7.415 | 31.437 | 17.252 | 0.116 | 292.936 | 1.997 | 0.116 | 284.314 | 2.059 | 0.116 | 0.122 | 0.0 | 0.116 | 0.13 | 0.0 |
| 61 | 16903 | 16904 | SN | 1 | -31.198 | 23.213 | 0.051 | -34.708 | 24.779 | 0.849 | 4.27 | 28.827 | 10.713 | 9.08 | 28.671 | 10.998 | 0.116 | 127.788 | 1.15 | 0.116 | 286.612 | 0.859 | 0.116 | 0.146 | 0.0 | 0.116 | 0.125 | 0.0 |
| 62 | 16903 | 16904 | NS | 1 | -34.453 | 25.085 | 0.193 | -34.004 | 23.017 | 0.004 | 6.108 | 28.426 | 12.907 | 5.741 | 29.141 | 21.855 | 0.116 | 270.29 | 3.287 | 0.116 | 243.714 | 3.396 | 0.116 | 0.135 | 0.0 | 0.116 | 0.137 | 0.0 |
| 63 | 16903 | 16904 | NS | 1 | -34.546 | 25.085 | 0.205 | -34.714 | 23.018 | 0.005 | 7.533 | 26.992 | 3.415 | 5.74 | 25.215 | 6.948 | 0.116 | 276.108 | 2.746 | 0.116 | 287.034 | 3.413 | 0.116 | 0.129 | 0.0 | 0.116 | 0.137 | 0.0 |
| 64 | 16903 | 16904 | NS | 1 | -34.809 | 25.085 | 0.193 | -33.744 | 23.018 | 0.004 | 6.112 | 28.426 | 12.956 | 5.743 | 29.143 | 21.908 | 0.116 | 293.261 | 3.286 | 0.116 | 229.594 | 3.398 | 0.116 | 0.135 | 0.0 | 0.116 | 0.137 | 0.0 |
| 65 | 16903 | 16904 | SN | 1 | -30.573 | 22.616 | 0.006 | -34.759 | 22.809 | 0.058 | 4.25 | 27.8 | 9.735 | 9.08 | 28.448 | 10.619 | 0.116 | 110.666 | 1.186 | 0.116 | 290.034 | 0.944 | 0.116 | 0.146 | 0.0 | 0.116 | 0.125 | 0.0 |
| 66 | 16903 | 16904 | SN | 2 | -31.198 | 23.213 | 0.051 | -34.708 | 24.779 | 0.85 | 4.27 | 28.827 | 10.713 | 9.08 | 28.671 | 10.995 | 0.116 | 127.788 | 1.149 | 0.116 | 286.612 | 0.859 | 0.116 | 0.146 | 0.0 | 0.116 | 0.125 | 0.0 |
| 67 | 16904 | 16905 | NS | 1 | -34.84 | 25.425 | 0.158 | -34.908 | 25.193 | 0.058 | 8.427 | 30.04 | 10.15 | 6.988 | 32.832 | 22.558 | 0.116 | 295.432 | 11.619 | 0.116 | 300.124 | 10.561 | 0.116 | 0.127 | 0.0 | 0.116 | 0.131 | 0.0 |
| 68 | 16904 | 16905 | SN | 2 | -32.955 | 23.758 | 0.356 | -34.592 | 24.367 | 1.607 | -22.12 | 34.772 | 7.581 | -20.115 | 28.04 | 9.732 | 0.116 | 191.436 | 1.758 | 0.116 | 279.038 | 1.255 | 0.116 | 15.88 | 0.019 | 0.116 | 10.039 | 0.017 |
| 69 | 16904 | 16905 | SN | 1 | -32.955 | 23.668 | 0.108 | -34.592 | 24.348 | 1.467 | -22.12 | 34.772 | 7.644 | -20.115 | 28.04 | 9.66 | 0.116 | 191.436 | 1.869 | 0.116 | 279.038 | 1.356 | 0.116 | 15.88 | 0.019 | 0.116 | 10.039 | 0.017 |
| 70 | 16904 | 16905 | SN | 1 | -32.955 | 23.758 | 0.356 | -34.592 | 24.367 | 1.607 | -22.12 | 34.772 | 7.581 | -20.115 | 28.04 | 9.732 | 0.116 | 191.436 | 1.758 | 0.116 | 279.038 | 1.255 | 0.116 | 15.88 | 0.019 | 0.116 | 10.039 | 0.017 |
| 71 | 16905 | 16906 | SN | 1 | -34.263 | 23.349 | 0.108 | -34.329 | 23.604 | 0.438 | 2.602 | 28.925 | 7.123 | 3.769 | 27.758 | 4.223 | 0.116 | 258.638 | 4.345 | 0.116 | 262.644 | 2.873 | 0.116 | 0.16 | 0.0 | 0.116 | 0.149 | 0.0 |
| 72 | 16905 | 16906 | SN | 1 | -34.263 | 23.349 | 0.09 | -34.329 | 23.604 | 0.446 | 2.602 | 28.925 | 7.123 | 3.769 | 27.758 | 4.223 | 0.116 | 258.638 | 4.42 | 0.116 | 262.644 | 2.925 | 0.116 | 0.16 | 0.0 | 0.116 | 0.149 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 73 | 16905 | 16906 | NS | 2 | -34.92 | 24.161 | 0.07 | -34.813 | 24.197 | 0.049 | -12.625 | 31.66 | 5.949 | -7.564 | 29.808 | 15.479 | 0.116 | 300.895 | 9.851 | 0.116 | 293.581 | 9.469 | 0.116 | 1.864 | 0.003 | 0.116 | 0.646 | 0.0 |
| 74 | 16905 | 16906 | NS | 1 | -34.92 | 24.161 | 0.07 | -34.945 | 24.197 | 0.049 | -12.515 | 31.66 | 5.952 | -7.564 | 29.808 | 15.481 | 0.116 | 300.895 | 9.85 | 0.116 | 302.676 | 9.457 | 0.116 | 1.819 | 0.003 | 0.116 | 0.646 | 0.0 |
| 75 | 16905 | 16906 | SN | 1 | -34.554 | 23.352 | 0.09 | -34.535 | 23.604 | 0.448 | 2.604 | 28.923 | 7.123 | 3.77 | 27.758 | 4.225 | 0.116 | 276.563 | 4.431 | 0.116 | 275.353 | 2.915 | 0.116 | 0.16 | 0.0 | 0.116 | 0.149 | 0.0 |
| 76 | 16906 | 16907 | SN | 1 | -34.953 | 21.689 | 0.0 | -34.088 | 21.91 | 0.0 | 5.831 | 26.938 | 13.813 | 6.294 | 26.732 | 13.262 | 0.116 | 303.151 | 3.036 | 0.116 | 248.438 | 2.261 | 0.116 | 0.136 | 0.0 | 0.116 | 0.134 | 0.0 |
| 77 | 16906 | 16907 | SN | 1 | -34.95 | 21.694 | 0.0 | -33.912 | 21.91 | 0.0 | 5.831 | 26.938 | 13.814 | 6.294 | 26.732 | 13.274 | 0.116 | 302.917 | 3.086 | 0.116 | 238.542 | 2.284 | 0.116 | 0.136 | 0.0 | 0.116 | 0.134 | 0.0 |
| 78 | 16906 | 16907 | NS | 1 | -34.332 | 21.884 | 0.0 | -34.762 | 22.218 | 0.001 | -13.681 | 28.487 | 7.496 | -8.296 | 28.259 | 13.873 | 0.116 | 262.834 | 4.021 | 0.116 | 290.167 | 3.402 | 0.116 | 2.352 | 0.004 | 0.116 | 0.747 | 0.0 |
| 79 | 16907 | 16908 | NS | 1 | -34.62 | 24.653 | 0.008 | -33.505 | 21.932 | 0.0 | -8.466 | 30.523 | 4.249 | -13.59 | 30.476 | 8.666 | 0.116 | 280.89 | 3.833 | 0.116 | 217.28 | 3.655 | 0.116 | 0.773 | 0.0 | 0.116 | 2.305 | 0.005 |
| 80 | 16907 | 16908 | SN | 1 | -34.866 | 23.377 | 0.027 | -34.538 | 24.237 | 0.148 | 5.648 | 26.55 | 11.735 | 5.752 | 27.523 | 12.375 | 0.116 | 297.158 | 1.337 | 0.116 | 275.551 | 1.212 | 0.116 | 0.137 | 0.0 | 0.116 | 0.136 | 0.0 |
| 81 | 16908 | 16909 | SN | 1 | -34.713 | 23.094 | 0.058 | -33.98 | 23.399 | 0.144 | 5.805 | 27.848 | 12.31 | 7.822 | 27.653 | 15.842 | 0.116 | 286.894 | 4.556 | 0.116 | 242.356 | 3.532 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 82 | 16908 | 16909 | SN | 1 | -34.713 | 23.094 | 0.06 | -33.98 | 23.399 | 0.148 | 5.805 | 27.848 | 12.611 | 7.822 | 27.653 | 16.22 | 0.116 | 286.894 | 4.703 | 0.116 | 242.356 | 3.644 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 83 | 16908 | 16909 | NS | 1 | -34.716 | 22.551 | 0.003 | -34.705 | 21.971 | 0.0 | -4.624 | 29.45 | 4.413 | -4.987 | 32.346 | 10.747 | 0.116 | 287.112 | 6.378 | 0.116 | 286.407 | 5.73 | 0.116 | 0.377 | 0.0 | 0.116 | 0.401 | 0.0 |
| 84 | 16908 | 16909 | NS | 1 | -34.716 | 22.551 | 0.003 | -34.705 | 21.969 | 0.0 | -4.624 | 29.45 | 4.462 | -4.987 | 32.346 | 10.729 | 0.116 | 287.112 | 6.372 | 0.116 | 286.407 | 5.73 | 0.116 | 0.377 | 0.0 | 0.116 | 0.401 | 0.0 |
| 85 | 16909 | 16910 | SN | 1 | -34.731 | 21.866 | 0.0 | -34.595 | 22.57 | 0.008 | 3.858 | 27.17 | 11.109 | 7.553 | 27.752 | 13.462 | 0.116 | 288.101 | 1.902 | 0.116 | 279.2 | 1.388 | 0.116 | 0.149 | 0.0 | 0.116 | 0.129 | 0.0 |
| 86 | 16909 | 16910 | NS | 1 | -34.205 | 23.872 | 0.218 | -34.608 | 25.266 | 0.421 | -9.19 | 31.858 | 5.624 | -7.936 | 31.588 | 10.355 | 0.116 | 255.257 | 3.012 | 0.116 | 280.031 | 2.89 | 0.116 | 0.896 | 0.0 | 0.116 | 0.695 | 0.0 |
| 87 | 16909 | 16910 | NS | 1 | -34.575 | 23.874 | 0.218 | -33.693 | 25.266 | 0.42 | -9.192 | 31.858 | 5.616 | -7.939 | 31.588 | 10.321 | 0.116 | 277.977 | 3.026 | 0.116 | 226.857 | 2.895 | 0.116 | 0.896 | 0.0 | 0.116 | 0.696 | 0.0 |
| 88 | 16909 | 16910 | SN | 1 | -34.731 | 21.866 | 0.0 | -34.595 | 22.486 | 0.006 | 3.858 | 27.17 | 11.823 | 7.553 | 27.752 | 13.606 | 0.116 | 288.101 | 1.981 | 0.116 | 279.2 | 1.466 | 0.116 | 0.149 | 0.0 | 0.116 | 0.129 | 0.0 |
| 89 | 16910 | 16911 | NS | 1 | -33.85 | 24.33 | 0.093 | -34.642 | 24.519 | 0.342 | 6.835 | 26.791 | 9.384 | 7.471 | 27.772 | 18.654 | 0.116 | 235.168 | 2.24 | 0.116 | 282.29 | 1.519 | 0.116 | 0.132 | 0.0 | 0.116 | 0.13 | 0.0 |
| 90 | 16910 | 16911 | NS | 1 | -33.695 | 24.332 | 0.093 | -33.597 | 24.519 | 0.342 | 6.832 | 26.788 | 9.392 | 7.469 | 27.772 | 18.646 | 0.116 | 226.944 | 2.255 | 0.116 | 221.959 | 1.517 | 0.116 | 0.132 | 0.0 | 0.116 | 0.13 | 0.0 |
| 91 | 16910 | 16911 | SN | 1 | -34.861 | 22.942 | 0.029 | -34.882 | 24.403 | 0.228 | -17.581 | 32.133 | 8.791 | -15.068 | 33.049 | 10.578 | 0.116 | 296.893 | 9.479 | 0.116 | 298.298 | 6.65 | 0.116 | 5.641 | 0.005 | 0.116 | 3.202 | 0.008 |
| 92 | 16910 | 16911 | SN | 1 | -34.861 | 22.942 | 0.027 | -34.882 | 24.403 | 0.238 | -17.581 | 32.133 | 8.43 | -15.068 | 33.049 | 10.626 | 0.116 | 296.893 | 8.901 | 0.116 | 298.298 | 5.992 | 0.116 | 5.641 | 0.005 | 0.116 | 3.202 | 0.008 |
| 93 | 16911 | 16912 | NS | 2 | -34.69 | 23.032 | 0.024 | -34.744 | 24.316 | 0.054 | 0.939 | 29.452 | 12.783 | 0.525 | 30.244 | 22.549 | 0.116 | 285.344 | 1.517 | 0.116 | 289.003 | 1.498 | 0.116 | 0.183 | 0.0 | 0.116 | 0.19 | 0.0 |
| 94 | 16911 | 16912 | NS | 1 | -34.69 | 23.032 | 0.024 | -34.744 | 24.316 | 0.055 | 0.939 | 29.452 | 12.785 | 0.525 | 30.244 | 22.543 | 0.116 | 285.344 | 1.517 | 0.116 | 289.003 | 1.5 | 0.116 | 0.183 | 0.0 | 0.116 | 0.19 | 0.0 |
| 95 | 16911 | 16912 | SN | 1 | -34.946 | 23.594 | 0.096 | -34.96 | 23.996 | 0.291 | -10.677 | 29.593 | 10.328 | -9.675 | 31.084 | 11.189 | 0.116 | 302.797 | 8.073 | 0.116 | 303.716 | 7.211 | 0.116 | 1.224 | 0.001 | 0.116 | 0.991 | 0.0 |
| 96 | 16911 | 16912 | SN | 1 | -34.88 | 23.594 | 0.096 | -34.96 | 23.996 | 0.29 | -10.676 | 29.594 | 10.327 | -9.689 | 31.084 | 11.225 | 0.116 | 298.104 | 8.073 | 0.116 | 303.716 | 7.214 | 0.116 | 1.223 | 0.001 | 0.116 | 0.994 | 0.0 |
| 97 | 16911 | 16912 | SN | 1 | -34.946 | 23.594 | 0.106 | -34.96 | 23.996 | 0.243 | -10.677 | 29.593 | 10.991 | -9.675 | 31.084 | 11.21 | 0.116 | 302.797 | 8.843 | 0.116 | 303.716 | 8.435 | 0.116 | 1.224 | 0.002 | 0.116 | 0.991 | 0.0 |
| 98 | 16912 | 16913 | SN | 1 | -34.84 | 25.026 | 0.001 | -34.988 | 23.134 | 0.148 | -8.366 | 28.109 | 13.742 | 1.289 | 29.847 | 13.496 | 0.116 | 295.388 | 7.042 | 0.116 | 305.698 | 6.788 | 0.116 | 0.758 | 0.0 | 0.116 | 0.177 | 0.0 |
| 99 | 16912 | 16913 | NS | 1 | -34.563 | 28.878 | 0.216 | -34.611 | 27.49 | 0.333 | -5.216 | 29.362 | 21.698 | 1.71 | 30.218 | 34.08 | 0.116 | 277.151 | 3.542 | 0.116 | 280.264 | 3.233 | 0.116 | 0.418 | 0.0 | 0.116 | 0.171 | 0.0 |
| 100 | 16913 | 16914 | SN | 1 | -34.741 | 23.405 | 0.004 | -34.919 | 23.577 | 0.146 | -34.303 | 30.724 | 13.521 | -13.992 | 29.54 | 13.819 | 0.116 | 288.79 | 5.69 | 0.116 | 300.848 | 4.815 | 0.116 | 261.089 | 0.009 | 0.116 | 2.52 | 0.008 |
| 101 | 16913 | 16914 | NS | 1 | -33.803 | 27.204 | 0.075 | -34.815 | 26.361 | 0.224 | -3.293 | 35.841 | 11.47 | 1.004 | 32.868 | 20.736 | 0.116 | 232.697 | 3.234 | 0.116 | 293.741 | 3.116 | 0.116 | 0.305 | 0.0 | 0.116 | 0.182 | 0.0 |
| 102 | 16914 | 16915 | NS | 1 | -34.581 | 25.343 | 0.106 | -34.306 | 24.604 | 0.255 | 4.088 | 28.785 | 17.755 | 0.962 | 29.115 | 25.635 | 0.116 | 278.39 | 3.667 | 0.116 | 261.256 | 3.613 | 0.116 | 0.147 | 0.0 | 0.116 | 0.182 | 0.0 |
| 103 | 16914 | 16915 | SN | 2 | -34.929 | 22.472 | 0.027 | -34.19 | 23.816 | 0.402 | -33.952 | 28.496 | 11.834 | -29.004 | 29.528 | 10.376 | 0.116 | 301.588 | 3.661 | 0.116 | 254.37 | 3.371 | 0.116 | 240.828 | 0.065 | 0.116 | 77.125 | 0.083 |
| 104 | 16914 | 16915 | NS | 1 | -34.827 | 25.343 | 0.106 | -34.846 | 24.604 | 0.255 | 4.088 | 28.785 | 17.758 | 0.962 | 29.115 | 25.635 | 0.116 | 294.584 | 3.669 | 0.116 | 295.811 | 3.609 | 0.116 | 0.147 | 0.0 | 0.116 | 0.182 | 0.0 |
| 105 | 16914 | 16915 | NS | 1 | -34.827 | 25.343 | 0.106 | -34.846 | 24.604 | 0.255 | 4.088 | 28.785 | 17.012 | 0.962 | 29.115 | 24.726 | 0.116 | 294.584 | 3.669 | 0.116 | 295.811 | 3.609 | 0.116 | 0.147 | 0.0 | 0.116 | 0.182 | 0.0 |
| 106 | 16914 | 16915 | SN | 1 | -34.929 | 22.472 | 0.027 | -34.19 | 23.816 | 0.402 | -33.952 | 28.496 | 11.833 | -29.004 | 29.528 | 10.378 | 0.116 | 301.588 | 3.662 | 0.116 | 254.37 | 3.371 | 0.116 | 240.828 | 0.065 | 0.116 | 77.125 | 0.083 |
| 107 | 16915 | 16916 | SN | 1 | -32.593 | 22.699 | 0.014 | -34.86 | 26.425 | 0.836 | -3.315 | 30.903 | 14.244 | -3.791 | 30.139 | 16.184 | 0.116 | 176.182 | 3.352 | 0.116 | 296.771 | 2.945 | 0.116 | 0.306 | 0.0 | 0.116 | 0.329 | 0.0 |
| 108 | 16915 | 16916 | SN | 2 | -32.593 | 22.699 | 0.014 | -34.86 | 26.425 | 0.836 | -3.315 | 30.903 | 14.244 | -3.791 | 30.139 | 16.184 | 0.116 | 176.182 | 3.352 | 0.116 | 296.771 | 2.945 | 0.116 | 0.306 | 0.0 | 0.116 | 0.329 | 0.0 |
| 109 | 16915 | 16916 | NS | 1 | -34.998 | 27.077 | 0.241 | -34.823 | 26.674 | 0.419 | -7.076 | 28.355 | 24.73 | -0.156 | 28.94 | 36.768 | 0.116 | 306.312 | 3.865 | 0.116 | 294.249 | 3.668 | 0.116 | 0.588 | 0.0 | 0.116 | 0.203 | 0.0 |
| 110 | 16915 | 16916 | NS | 1 | -34.998 | 27.077 | 0.241 | -34.631 | 26.674 | 0.419 | -7.074 | 28.355 | 24.724 | -0.156 | 28.94 | 36.768 | 0.116 | 306.312 | 3.865 | 0.116 | 281.496 | 3.662 | 0.116 | 0.588 | 0.0 | 0.116 | 0.203 | 0.0 |
| 111 | 16915 | 16916 | NS | 1 | -34.998 | 27.077 | 0.241 | -34.615 | 26.674 | 0.418 | -7.076 | 28.355 | 18.54 | -0.156 | 28.94 | 36.596 | 0.116 | 306.312 | 3.864 | 0.116 | 280.497 | 3.673 | 0.116 | 0.588 | 0.0 | 0.116 | 0.203 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 16916 | 16917 | NS | 1 | -34.889 | 26.131 | 0.386 | -34.875 | 26.657 | 0.441 | 8.119 | 28.867 | 13.209 | 8.094 | 28.544 | 27.825 | 0.116 | 298.803 | 3.083 | 0.116 | 297.824 | 3.145 | 0.116 | 0.128 | 0.0 | 0.116 | 0.128 | 0.0 |
| 113 | 16916 | 16917 | SN | 1 | -34.349 | 22.613 | 0.019 | -34.925 | 23.87 | 0.63 | -5.553 | 29.082 | 32.446 | -8.251 | 29.967 | 41.262 | 0.116 | 263.841 | 3.215 | 0.116 | 301.273 | 2.759 | 0.116 | 0.443 | 0.0 | 0.116 | 0.74 | 0.0 |
| 114 | 16916 | 16917 | NS | 2 | -34.889 | 26.131 | 0.391 | -34.875 | 26.657 | 0.441 | 8.158 | 28.867 | 25.799 | 8.13 | 28.553 | 35.992 | 0.116 | 298.803 | 3.077 | 0.116 | 297.824 | 3.149 | 0.116 | 0.128 | 0.0 | 0.116 | 0.128 | 0.0 |
| 115 | 16916 | 16917 | NS | 1 | -34.889 | 26.131 | 0.391 | -34.875 | 26.657 | 0.441 | 8.158 | 28.867 | 25.793 | 8.13 | 28.555 | 35.997 | 0.116 | 298.803 | 3.077 | 0.116 | 297.824 | 3.149 | 0.116 | 0.128 | 0.0 | 0.116 | 0.128 | 0.0 |
| 116 | 16916 | 16917 | SN | 1 | -33.925 | 22.577 | 0.018 | -34.601 | 23.87 | 0.631 | -5.558 | 29.082 | 32.446 | -8.251 | 29.967 | 41.262 | 0.116 | 239.373 | 3.221 | 0.116 | 279.647 | 2.769 | 0.116 | 0.444 | 0.0 | 0.116 | 0.74 | 0.0 |
| 117 | 16917 | 16918 | NS | 2 | -34.677 | 26.177 | 0.277 | -34.852 | 24.002 | 0.091 | 6.617 | 30.99 | 16.839 | 7.926 | 28.604 | 25.63 | 0.116 | 284.613 | 1.664 | 0.116 | 296.241 | 1.563 | 0.116 | 0.133 | 0.0 | 0.116 | 0.128 | 0.0 |
| 118 | 16917 | 16918 | NS | 1 | -34.338 | 26.177 | 0.284 | -34.199 | 23.991 | 0.089 | 7.124 | 30.99 | 2.771 | 7.926 | 25.673 | 2.565 | 0.116 | 263.209 | 1.586 | 0.116 | 254.892 | 1.558 | 0.116 | 0.131 | 0.0 | 0.116 | 0.128 | 0.0 |
| 119 | 16917 | 16918 | NS | 1 | -34.984 | 26.177 | 0.277 | -34.803 | 24.002 | 0.091 | 6.617 | 30.99 | 16.843 | 7.926 | 28.604 | 25.63 | 0.116 | 305.31 | 1.666 | 0.116 | 292.917 | 1.563 | 0.116 | 0.133 | 0.0 | 0.116 | 0.128 | 0.0 |
| 120 | 16917 | 16918 | SN | 1 | -32.867 | 22.737 | 0.025 | -33.891 | 23.895 | 0.705 | 7.554 | 29.331 | 26.196 | 8.9 | 29.785 | 31.877 | 0.116 | 187.598 | 0.646 | 0.116 | 237.449 | 1.107 | 0.116 | 0.129 | 0.0 | 0.116 | 0.126 | 0.0 |
| 121 | 16917 | 16918 | SN | 1 | -33.161 | 20.514 | 0.0 | -33.891 | 21.216 | 0.0 | 7.554 | 29.322 | 22.546 | 8.9 | 29.785 | 29.16 | 0.116 | 200.763 | 0.655 | 0.116 | 237.449 | 1.184 | 0.116 | 0.129 | 0.0 | 0.116 | 0.126 | 0.0 |
| 122 | 16917 | 16918 | SN | 1 | -34.925 | 22.73 | 0.025 | -34.999 | 23.897 | 0.704 | 7.554 | 29.331 | 26.196 | 8.9 | 29.785 | 31.891 | 0.116 | 301.27 | 0.647 | 0.116 | 306.472 | 1.108 | 0.116 | 0.129 | 0.0 | 0.116 | 0.126 | 0.0 |
| 123 | 16918 | 16919 | NS | 1 | -34.55 | 23.255 | 0.191 | -34.994 | 22.754 | 0.002 | 6.951 | 28.214 | 10.187 | 7.021 | 28.136 | 19.094 | 0.116 | 276.348 | 8.12 | 0.116 | 306.143 | 7.346 | 0.116 | 0.131 | 0.0 | 0.116 | 0.131 | 0.0 |
| 124 | 16918 | 16919 | NS | 1 | -34.625 | 23.255 | 0.191 | -34.994 | 22.757 | 0.002 | 6.945 | 28.214 | 10.185 | 7.021 | 28.136 | 19.099 | 0.116 | 281.134 | 8.104 | 0.116 | 306.143 | 7.345 | 0.116 | 0.131 | 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 | 16889 | 16890 | SN | 1 | 57.57 | 58.294 | 0.0 | 0.0 | 298.069 | 4.022 | 1218.96 | 1273.304 | 0.0 | -93.219 | -92.134 | 0.0 |
| 2 | 16889 | 16890 | SN | 1 | 57.572 | 58.294 | 0.0 | 0.0 | 298.069 | 3.354 | 1218.632 | 1273.304 | 0.0 | -93.219 | -92.134 | 0.0 |
| 3 | 16889 | 16890 | SN | 1 | 57.572 | 58.294 | 0.0 | 0.0 | 298.069 | 4.026 | 1218.632 | 1273.304 | 0.0 | -93.219 | -92.134 | 0.0 |
| 4 | 16890 | 16891 | SN | 1 | 57.585 | 58.291 | 0.0 | 0.0 | 298.797 | 3.83 | 1218.808 | 1273.216 | 0.0 | -93.368 | -92.113 | 0.0 |
| 5 | 16890 | 16891 | NS | 1 | 57.473 | 58.156 | 0.0 | 0.003 | 295.301 | 3.747 | 1206.032 | 1271.072 | 7.65 | -93.222 | -91.993 | 0.0 |
| 6 | 16890 | 16891 | SN | 1 | 57.585 | 58.291 | 0.0 | 0.0 | 298.797 | 3.825 | 1218.64 | 1273.216 | 0.0 | -93.368 | -92.113 | 0.0 |
| 7 | 16890 | 16891 | SN | 1 | 57.585 | 58.291 | 0.0 | 0.0 | 298.797 | 3.508 | 1218.808 | 1273.216 | 0.0 | -93.368 | -92.113 | 0.0 |
| 8 | 16891 | 16892 | SN | 1 | 57.547 | 58.304 | 0.0 | 0.0 | 285.258 | 3.349 | 1218.128 | 1273.416 | 0.0 | -93.243 | -92.138 | 0.0 |
| 9 | 16891 | 16892 | NS | 2 | 57.474 | 58.151 | 0.0 | 0.0 | 296.95 | 3.638 | 1206.248 | 1271.264 | 7.663 | -93.371 | -91.948 | 0.0 |
| 10 | 16891 | 16892 | NS | 1 | 57.463 | 58.152 | 0.0 | 0.0 | 296.045 | 3.64 | 1206.272 | 1271.24 | 7.628 | -93.371 | -91.948 | 0.0 |
| 11 | 16891 | 16892 | SN | 1 | 57.547 | 58.289 | 0.0 | 0.0 | 285.258 | 3.686 | 1218.424 | 1273.416 | 0.0 | -93.261 | -92.138 | 0.0 |
| 12 | 16891 | 16892 | SN | 1 | 57.547 | 58.289 | 0.0 | 0.0 | 285.258 | 3.361 | 1218.424 | 1273.416 | 0.0 | -93.261 | -92.138 | 0.0 |
| 13 | 16892 | 16893 | NS | 1 | 57.45 | 58.162 | 0.0 | 0.0 | 297.214 | 3.735 | 1205.952 | 1271.232 | 7.455 | -93.154 | -92.011 | 0.0 |
| 14 | 16892 | 16893 | SN | 1 | 57.56 | 58.303 | 0.0 | 0.0 | 293.387 | 3.344 | 1218.0 | 1273.272 | 0.0 | -93.25 | -92.146 | 0.0 |
| 15 | 16892 | 16893 | SN | 1 | 57.56 | 58.303 | 0.0 | 0.0 | 293.387 | 3.685 | 1218.0 | 1273.272 | 0.0 | -93.25 | -92.146 | 0.0 |
| 16 | 16892 | 16893 | SN | 1 | 57.56 | 58.302 | 0.0 | 0.0 | 293.387 | 3.688 | 1218.072 | 1273.272 | 0.0 | -93.217 | -92.146 | 0.0 |
| 17 | 16893 | 16894 | NS | 1 | 57.476 | 58.153 | 0.0 | 0.0 | 299.156 | 3.813 | 1206.456 | 1271.072 | 7.403 | -93.158 | -91.985 | 0.0 |
| 18 | 16893 | 16894 | SN | 2 | 57.573 | 58.296 | 0.0 | 0.0 | 299.685 | 3.772 | 1218.064 | 1273.16 | 0.0 | -93.338 | -92.145 | 0.0 |
| 19 | 16893 | 16894 | SN | 1 | 57.573 | 58.296 | 0.0 | 0.0 | 285.269 | 3.351 | 1218.064 | 1273.16 | 0.0 | -93.338 | -92.145 | 0.0 |
| 20 | 16893 | 16894 | NS | 1 | 57.475 | 58.151 | 0.0 | 0.0 | 299.156 | 3.821 | 1206.44 | 1271.088 | 7.437 | -93.159 | -91.985 | 0.0 |
| 21 | 16893 | 16894 | SN | 1 | 57.573 | 58.296 | 0.0 | 0.0 | 299.685 | 3.772 | 1218.064 | 1273.16 | 0.0 | -93.338 | -92.145 | 0.0 |
| 22 | 16894 | 16895 | SN | 1 | 57.563 | 58.289 | 0.0 | 0.0 | 298.02 | 3.178 | 1218.536 | 1273.088 | 0.0 | -93.18 | -92.146 | 0.0 |
| 23 | 16894 | 16895 | NS | 1 | 57.468 | 58.161 | 0.0 | 0.0 | 290.492 | 3.829 | 1205.88 | 1271.016 | 7.82 | -93.112 | -91.998 | 0.0 |
| 24 | 16894 | 16895 | SN | 1 | 57.563 | 58.289 | 0.0 | 0.0 | 298.02 | 3.729 | 1218.536 | 1273.088 | 0.0 | -93.18 | -92.146 | 0.0 |
| 25 | 16894 | 16895 | NS | 1 | 57.468 | 58.168 | 0.0 | 0.0 | 290.492 | 3.832 | 1205.88 | 1271.016 | 7.828 | -93.135 | -91.998 | 0.0 |
| 26 | 16894 | 16895 | SN | 2 | 57.563 | 58.289 | 0.0 | 0.0 | 298.02 | 3.73 | 1218.536 | 1273.088 | 0.0 | -93.18 | -92.146 | 0.0 |
| 27 | 16895 | 16896 | SN | 1 | 57.581 | 58.315 | 0.0 | 0.0 | 297.573 | 3.836 | 1219.024 | 1273.072 | 0.0 | -93.439 | -92.144 | 0.0 |
| 28 | 16895 | 16896 | NS | 1 | 57.477 | 58.157 | 0.0 | 0.0 | 294.159 | 3.887 | 1205.912 | 1270.96 | 7.827 | -93.262 | -92.013 | 0.0 |
| 29 | 16895 | 16896 | NS | 2 | 57.461 | 58.154 | 0.0 | 0.0 | 297.22 | 3.886 | 1205.832 | 1271.024 | 7.91 | -93.262 | -92.012 | 0.0 |
| 30 | 16895 | 16896 | SN | 1 | 57.581 | 58.315 | 0.0 | 0.0 | 297.573 | 3.018 | 1219.024 | 1273.072 | 0.0 | -93.439 | -92.144 | 0.0 |
| 31 | 16895 | 16896 | SN | 1 | 57.581 | 58.315 | 0.0 | 0.0 | 297.573 | 3.833 | 1219.024 | 1273.072 | 0.0 | -93.439 | -92.144 | 0.0 |
| 32 | 16896 | 16897 | SN | 1 | 57.574 | 58.29 | 0.0 | 0.0 | 285.997 | 3.896 | 1218.76 | 1273.32 | 0.0 | -93.176 | -92.129 | 0.0 |
| 33 | 16896 | 16897 | NS | 1 | 57.452 | 58.404 | 0.0 | 0.0 | 294.771 | 3.727 | 1205.832 | 1278.56 | 8.455 | -94.874 | -92.012 | 0.0 |
| 34 | 16896 | 16897 | SN | 1 | 57.574 | 58.29 | 0.0 | 0.0 | 278.419 | 2.704 | 1218.76 | 1273.32 | 0.0 | -93.176 | -92.129 | 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 | 16897 | 16898 | SN | 1 | 57.558 | 58.311 | 0.0 | 0.0 | 292.433 | 3.769 | 1219.128 | 1273.368 | 0.0 | -93.258 | -92.083 | 0.0 |
| 36 | 16897 | 16898 | NS | 2 | 57.472 | 58.175 | 0.0 | 0.0 | 297.336 | 3.95 | 1205.776 | 1271.264 | 8.411 | -93.194 | -91.986 | 0.0 |
| 37 | 16897 | 16898 | NS | 1 | 57.472 | 58.175 | 0.0 | 0.0 | 297.336 | 3.95 | 1205.776 | 1271.264 | 8.411 | -93.194 | -91.986 | 0.0 |
| 38 | 16897 | 16898 | SN | 2 | 57.558 | 58.312 | 0.0 | 0.0 | 292.472 | 3.767 | 1219.248 | 1273.464 | 0.0 | -93.258 | -92.083 | 0.0 |
| 39 | 16898 | 16899 | SN | 1 | 57.564 | 58.321 | 0.0 | 0.0 | 287.309 | 3.767 | 1219.0 | 1273.32 | 0.0 | -93.57 | -92.124 | 0.0 |
| 40 | 16898 | 16899 | NS | 1 | 57.438 | 58.15 | 0.0 | 0.003 | 294.755 | 3.908 | 1205.48 | 1271.184 | 7.684 | -93.184 | -91.978 | 0.0 |
| 41 | 16898 | 16899 | NS | 1 | 57.438 | 58.15 | 0.0 | 0.003 | 294.755 | 3.904 | 1205.48 | 1271.184 | 7.676 | -93.225 | -91.978 | 0.0 |
| 42 | 16899 | 16900 | SN | 2 | 57.571 | 58.304 | 0.0 | 0.0 | 300.0 | 3.892 | 1219.2 | 1273.272 | 0.0 | -93.261 | -92.115 | 0.0 |
| 43 | 16899 | 16900 | NS | 1 | 57.474 | 58.148 | 0.0 | 0.0 | 289.306 | 3.954 | 1205.392 | 1271.296 | 8.036 | -93.23 | -92.011 | 0.0 |
| 44 | 16899 | 16900 | SN | 1 | 57.571 | 58.304 | 0.0 | 0.0 | 300.0 | 3.89 | 1219.2 | 1273.272 | 0.0 | -93.261 | -92.115 | 0.0 |
| 45 | 16899 | 16900 | NS | 1 | 57.45 | 58.148 | 0.0 | 0.0 | 289.306 | 3.951 | 1205.424 | 1271.144 | 8.029 | -93.239 | -92.011 | 0.0 |
| 46 | 16900 | 16901 | SN | 1 | 57.546 | 58.318 | 0.0 | 0.0 | 298.356 | 3.823 | 1218.336 | 1273.408 | 0.0 | -93.684 | -92.12 | 0.0 |
| 47 | 16900 | 16901 | NS | 1 | 57.455 | 58.175 | 0.0 | 0.0 | 294.578 | 3.691 | 1205.224 | 1271.288 | 8.474 | -93.206 | -92.011 | 0.0 |
| 48 | 16900 | 16901 | NS | 1 | 57.455 | 58.175 | 0.0 | 0.0 | 285.456 | 3.124 | 1205.224 | 1270.56 | 8.627 | -93.286 | -92.011 | 0.0 |
| 49 | 16900 | 16901 | NS | 1 | 57.46 | 58.156 | 0.0 | 0.0 | 294.578 | 3.702 | 1205.224 | 1271.288 | 8.458 | -93.216 | -92.011 | 0.0 |
| 50 | 16900 | 16901 | SN | 1 | 57.556 | 58.317 | 0.0 | 0.0 | 298.372 | 3.821 | 1218.28 | 1273.392 | 0.0 | -93.684 | -92.12 | 0.0 |
| 51 | 16901 | 16902 | NS | 1 | 57.472 | 58.177 | 0.0 | 0.0 | 294.584 | 3.949 | 1205.056 | 1271.32 | 8.925 | -93.208 | -92.009 | 0.0 |
| 52 | 16901 | 16902 | SN | 1 | 57.561 | 58.291 | 0.0 | 0.0 | 299.211 | 3.73 | 1219.024 | 1273.456 | 0.0 | -93.227 | -92.126 | 0.0 |
| 53 | 16901 | 16902 | NS | 1 | 57.472 | 58.177 | 0.0 | 0.0 | 288.302 | 3.285 | 1205.056 | 1268.992 | 9.253 | -93.192 | -92.009 | 0.0 |
| 54 | 16901 | 16902 | SN | 1 | 57.561 | 58.291 | 0.0 | 0.0 | 299.211 | 3.726 | 1219.024 | 1273.456 | 0.0 | -93.227 | -92.126 | 0.0 |
| 55 | 16901 | 16902 | NS | 2 | 57.472 | 58.177 | 0.0 | 0.0 | 294.584 | 3.949 | 1205.056 | 1271.32 | 8.925 | -93.208 | -92.009 | 0.0 |
| 56 | 16902 | 16903 | SN | 2 | 57.549 | 58.315 | 0.0 | 0.0 | 294.782 | 3.751 | 1219.0 | 1273.592 | 0.0 | -93.217 | -92.15 | 0.0 |
| 57 | 16902 | 16903 | NS | 1 | 57.432 | 58.163 | 0.0 | 0.0 | 296.106 | 3.77 | 1205.216 | 1271.408 | 9.321 | -93.172 | -92.008 | 0.0 |
| 58 | 16902 | 16903 | SN | 1 | 57.549 | 58.315 | 0.0 | 0.0 | 294.782 | 3.751 | 1219.0 | 1273.592 | 0.0 | -93.217 | -92.15 | 0.0 |
| 59 | 16902 | 16903 | NS | 2 | 57.432 | 58.163 | 0.0 | 0.0 | 296.1 | 3.772 | 1205.216 | 1271.384 | 9.321 | -93.172 | -92.008 | 0.0 |
| 60 | 16902 | 16903 | NS | 1 | 57.432 | 58.159 | 0.0 | 0.0 | 291.54 | 2.282 | 1205.216 | 1266.896 | 10.266 | -93.165 | -92.008 | 0.0 |
| 61 | 16903 | 16904 | SN | 1 | 57.564 | 58.305 | 0.0 | 0.0 | 286.725 | 3.954 | 1218.72 | 1273.696 | 0.0 | -93.254 | -92.151 | 0.0 |
| 62 | 16903 | 16904 | NS | 1 | 57.443 | 58.179 | 0.0 | 0.0 | 299.928 | 4.062 | 1205.248 | 1271.632 | 9.58 | -93.228 | -92.001 | 0.0 |
| 63 | 16903 | 16904 | NS | 1 | 57.442 | 58.17 | 0.0 | 0.0 | 296.371 | 2.321 | 1205.224 | 1262.52 | 11.358 | -93.228 | -92.001 | 0.0 |
| 64 | 16903 | 16904 | NS | 1 | 57.442 | 58.179 | 0.0 | 0.0 | 296.371 | 4.064 | 1205.224 | 1271.472 | 9.62 | -93.228 | -92.001 | 0.0 |
| 65 | 16903 | 16904 | SN | 1 | 57.564 | 58.305 | 0.0 | 0.0 | 286.725 | 2.942 | 1218.72 | 1273.696 | 0.0 | -93.254 | -92.151 | 0.0 |
| 66 | 16903 | 16904 | SN | 2 | 57.564 | 58.305 | 0.0 | 0.0 | 286.725 | 3.953 | 1218.72 | 1273.696 | 0.0 | -93.254 | -92.151 | 0.0 |
| 67 | 16904 | 16905 | NS | 1 | 57.471 | 58.178 | 0.0 | 0.0 | 290.696 | 3.916 | 1205.056 | 1271.32 | 7.953 | -93.208 | -91.986 | 0.0 |
| 68 | 16904 | 16905 | SN | 2 | 57.56 | 58.292 | 0.0 | 0.0 | 297.998 | 4.234 | 1219.064 | 1273.456 | 0.0 | -93.212 | -92.115 | 0.0 |
| 69 | 16904 | 16905 | SN | 1 | 57.56 | 58.292 | 0.0 | 0.0 | 297.998 | 3.698 | 1219.064 | 1273.456 | 0.0 | -93.212 | -92.115 | 0.0 |
| 70 | 16904 | 16905 | SN | 1 | 57.56 | 58.292 | 0.0 | 0.0 | 297.998 | 4.236 | 1219.064 | 1273.456 | 0.0 | -93.212 | -92.115 | 0.0 |
| 71 | 16905 | 16906 | SN | 1 | 57.572 | 58.317 | 0.0 | 0.0 | 291.148 | 3.826 | 1218.92 | 1273.648 | 0.0 | -93.523 | -92.117 | 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 | 16905 | 16906 | SN | 1 | 57.572 | 58.317 | 0.0 | 0.0 | 291.148 | 3.448 | 1218.92 | 1273.648 | 0.0 | -93.523 | -92.117 | 0.0 |
| 73 | 16905 | 16906 | NS | 2 | 57.471 | 58.181 | 0.0 | 0.0 | 295.67 | 3.79 | 1206.128 | 1271.552 | 7.538 | -93.228 | -91.968 | 0.0 |
| 74 | 16905 | 16906 | NS | 1 | 57.473 | 58.181 | 0.0 | 0.0 | 295.67 | 3.812 | 1206.128 | 1271.552 | 7.542 | -93.216 | -91.968 | 0.0 |
| 75 | 16905 | 16906 | SN | 1 | 57.57 | 58.317 | 0.0 | 0.0 | 291.098 | 3.452 | 1218.144 | 1273.64 | 0.0 | -93.523 | -92.117 | 0.0 |
| 76 | 16906 | 16907 | SN | 1 | 57.562 | 58.315 | 0.0 | 0.0 | 288.545 | 3.707 | 1217.856 | 1273.696 | 0.0 | -93.266 | -92.145 | 0.0 |
| 77 | 16906 | 16907 | SN | 1 | 57.562 | 58.315 | 0.0 | 0.0 | 288.545 | 3.374 | 1217.856 | 1273.696 | 0.0 | -93.266 | -92.145 | 0.0 |
| 78 | 16906 | 16907 | NS | 1 | 57.461 | 58.18 | 0.0 | 0.0 | 297.27 | 3.662 | 1205.536 | 1271.664 | 7.65 | -93.168 | -91.972 | 0.0 |
| 79 | 16907 | 16908 | NS | 1 | 57.462 | 58.154 | 0.0 | 0.0 | 296.448 | 3.944 | 1205.936 | 1271.576 | 7.005 | -93.442 | -91.984 | 0.0 |
| 80 | 16907 | 16908 | SN | 1 | 57.573 | 58.31 | 0.0 | 0.0 | 287.216 | 3.699 | 1217.92 | 1273.56 | 0.0 | -93.179 | -92.111 | 0.0 |
| 81 | 16908 | 16909 | SN | 1 | 57.554 | 58.32 | 0.0 | 0.0 | 291.402 | 3.721 | 1217.904 | 1273.536 | 0.0 | -93.176 | -92.144 | 0.0 |
| 82 | 16908 | 16909 | SN | 1 | 57.554 | 58.32 | 0.0 | 0.0 | 291.402 | 3.256 | 1217.904 | 1273.536 | 0.0 | -93.176 | -92.144 | 0.0 |
| 83 | 16908 | 16909 | NS | 1 | 57.445 | 58.172 | 0.0 | 0.003 | 297.821 | 3.806 | 1205.584 | 1271.456 | 7.954 | -93.204 | -91.999 | 0.0 |
| 84 | 16908 | 16909 | NS | 1 | 57.446 | 58.172 | 0.0 | 0.0 | 297.738 | 3.834 | 1205.592 | 1271.424 | 7.934 | -93.204 | -91.999 | 0.0 |
| 85 | 16909 | 16910 | SN | 1 | 57.578 | 58.291 | 0.0 | 0.0 | 298.665 | 3.829 | 1218.704 | 1273.392 | 0.0 | -93.269 | -92.143 | 0.0 |
| 86 | 16909 | 16910 | NS | 1 | 57.452 | 58.168 | 0.0 | 0.0 | 286.058 | 4.001 | 1206.344 | 1271.336 | 8.045 | -93.203 | -92.006 | 0.0 |
| 87 | 16909 | 16910 | NS | 1 | 57.447 | 58.152 | 0.0 | 0.0 | 288.606 | 3.998 | 1206.368 | 1271.296 | 8.031 | -93.189 | -92.006 | 0.0 |
| 88 | 16909 | 16910 | SN | 1 | 57.578 | 58.291 | 0.0 | 0.0 | 283.388 | 3.14 | 1218.704 | 1273.392 | 0.0 | -93.269 | -92.143 | 0.0 |
| 89 | 16910 | 16911 | NS | 1 | 57.459 | 58.16 | 0.0 | 0.0 | 297.198 | 3.743 | 1206.152 | 1271.384 | 8.337 | -93.182 | -92.011 | 0.0 |
| 90 | 16910 | 16911 | NS | 1 | 57.467 | 58.158 | 0.0 | 0.0 | 296.216 | 3.74 | 1206.2 | 1271.336 | 8.295 | -93.239 | -92.011 | 0.0 |
| 91 | 16910 | 16911 | SN | 1 | 57.548 | 58.32 | 0.0 | 0.0 | 298.72 | 2.891 | 1218.096 | 1273.504 | 0.0 | -93.278 | -92.143 | 0.0 |
| 92 | 16910 | 16911 | SN | 1 | 57.548 | 58.32 | 0.0 | 0.0 | 298.72 | 3.895 | 1218.096 | 1273.504 | 0.0 | -93.278 | -92.143 | 0.0 |
| 93 | 16911 | 16912 | NS | 2 | 57.444 | 58.182 | 0.0 | 0.0 | 296.271 | 3.819 | 1205.976 | 1271.616 | 8.522 | -93.248 | -92.009 | 0.0 |
| 94 | 16911 | 16912 | NS | 1 | 57.445 | 58.182 | 0.0 | 0.0 | 296.249 | 3.822 | 1206.008 | 1271.56 | 8.492 | -93.238 | -92.009 | 0.0 |
| 95 | 16911 | 16912 | SN | 1 | 57.582 | 58.321 | 0.0 | 0.0 | 288.451 | 3.796 | 1219.08 | 1273.704 | 0.0 | -93.23 | -92.099 | 0.0 |
| 96 | 16911 | 16912 | SN | 1 | 57.582 | 58.321 | 0.0 | 0.0 | 288.451 | 3.793 | 1219.08 | 1273.704 | 0.0 | -93.23 | -92.099 | 0.0 |
| 97 | 16911 | 16912 | SN | 1 | 57.582 | 58.321 | 0.0 | 0.0 | 277.443 | 2.454 | 1219.08 | 1273.704 | 0.0 | -93.23 | -92.099 | 0.0 |
| 98 | 16912 | 16913 | SN | 1 | 57.578 | 58.324 | 0.0 | 0.003 | 298.836 | 3.717 | 1218.784 | 1273.696 | 0.0 | -93.233 | -92.087 | 0.0 |
| 99 | 16912 | 16913 | NS | 1 | 57.445 | 58.182 | 0.0 | 0.0 | 297.225 | 4.004 | 1206.128 | 1271.64 | 7.692 | -95.015 | -91.981 | 0.0 |
| 100 | 16913 | 16914 | SN | 1 | 57.57 | 58.324 | 0.0 | 0.0 | 294.115 | 3.758 | 1218.528 | 1273.584 | 0.0 | -93.24 | -92.12 | 0.0 |
| 101 | 16913 | 16914 | NS | 1 | 57.444 | 58.179 | 0.0 | 0.0 | 298.29 | 3.917 | 1205.496 | 1271.456 | 8.019 | -93.136 | -91.98 | 0.0 |
| 102 | 16914 | 16915 | NS | 1 | 57.443 | 58.15 | 0.0 | 0.0 | 297.446 | 3.737 | 1205.608 | 1271.52 | 8.291 | -93.206 | -92.011 | 0.0 |
| 103 | 16914 | 16915 | SN | 2 | 57.549 | 58.296 | 0.0 | 0.0 | 287.089 | 3.885 | 1218.824 | 1273.648 | 0.0 | -93.228 | -92.129 | 0.0 |
| 104 | 16914 | 16915 | NS | 1 | 57.443 | 58.177 | 0.0 | 0.0 | 297.446 | 3.741 | 1205.608 | 1271.52 | 8.299 | -93.262 | -92.011 | 0.0 |
| 105 | 16914 | 16915 | NS | 1 | 57.443 | 58.177 | 0.0 | 0.0 | 297.446 | 3.492 | 1205.608 | 1271.16 | 8.345 | -93.262 | -92.011 | 0.0 |
| 106 | 16914 | 16915 | SN | 1 | 57.549 | 58.297 | 0.0 | 0.0 | 298.852 | 3.882 | 1218.832 | 1273.648 | 0.0 | -93.228 | -92.129 | 0.0 |
| 107 | 16915 | 16916 | SN | 1 | 57.56 | 58.315 | 0.0 | 0.0 | 299.834 | 3.8 | 1218.72 | 1273.744 | 0.0 | -93.248 | -92.122 | 0.0 |
| 108 | 16915 | 16916 | SN | 2 | 57.56 | 58.315 | 0.0 | 0.0 | 299.834 | 3.8 | 1218.72 | 1273.744 | 0.0 | -93.248 | -92.122 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 109 | 16915 | 16916 | NS | 1 | 57.458 | 58.174 | 0.0 | 0.0 | 291.694 | 3.708 | 1205.296 | 1271.6 | 8.579 | -93.358 | -92.004 | 0.0 |
| 110 | 16915 | 16916 | NS | 1 | 57.458 | 58.18 | 0.0 | 0.0 | 291.639 | 3.703 | 1205.296 | 1271.584 | 8.571 | -93.358 | -92.004 | 0.0 |
| 111 | 16915 | 16916 | NS | 1 | 57.458 | 58.174 | 0.0 | 0.003 | 285.66 | 3.054 | 1205.296 | 1269.448 | 8.858 | -93.22 | -92.004 | 0.0 |
| 112 | 16916 | 16917 | NS | 1 | 57.451 | 58.17 | 0.0 | 0.0 | 289.742 | 2.738 | 1205.112 | 1268.512 | 9.927 | -93.218 | -92.007 | 0.0 |
| 113 | 16916 | 16917 | SN | 1 | 57.547 | 58.298 | 0.0 | 0.0 | 299.828 | 3.744 | 1218.672 | 1273.84 | 0.0 | -93.202 | -92.148 | 0.0 |
| 114 | 16916 | 16917 | NS | 2 | 57.451 | 58.17 | 0.0 | 0.0 | 296.133 | 3.85 | 1205.112 | 1271.704 | 9.229 | -93.209 | -92.007 | 0.0 |
| 115 | 16916 | 16917 | NS | 1 | 57.451 | 58.17 | 0.0 | 0.0 | 296.183 | 3.85 | 1205.112 | 1271.688 | 9.229 | -93.209 | -92.007 | 0.0 |
| 116 | 16916 | 16917 | SN | 1 | 57.547 | 58.298 | 0.0 | 0.0 | 299.828 | 3.74 | 1218.672 | 1273.84 | 0.0 | -93.202 | -92.148 | 0.0 |
| 117 | 16917 | 16918 | NS | 2 | 57.45 | 58.178 | 0.0 | 0.0 | 296.53 | 3.803 | 1205.408 | 1271.808 | 9.47 | -93.197 | -92.007 | 0.0 |
| 118 | 16917 | 16918 | NS | 1 | 57.449 | 58.174 | 0.0 | 0.0 | 291.639 | 2.043 | 1205.392 | 1265.416 | 10.829 | -93.598 | -92.007 | 0.0 |
| 119 | 16917 | 16918 | NS | 1 | 57.449 | 58.177 | 0.0 | 0.0 | 296.514 | 3.804 | 1205.392 | 1271.832 | 9.49 | -93.197 | -92.007 | 0.0 |
| 120 | 16917 | 16918 | SN | 1 | 57.553 | 58.303 | 0.0 | 0.0 | 288.473 | 3.908 | 1218.368 | 1273.976 | 0.0 | -93.181 | -92.15 | 0.0 |
| 121 | 16917 | 16918 | SN | 1 | 57.556 | 58.303 | 0.0 | 0.003 | 277.322 | 2.508 | 1218.368 | 1273.976 | 0.0 | -93.181 | -92.15 | 0.0 |
| 122 | 16917 | 16918 | SN | 1 | 57.55 | 58.303 | 0.0 | 0.0 | 288.473 | 3.904 | 1218.752 | 1273.976 | 0.0 | -93.181 | -92.15 | 0.0 |
| 123 | 16918 | 16919 | NS | 1 | 57.47 | 58.169 | 0.0 | 0.0 | 298.885 | 3.957 | 1205.408 | 1271.68 | 9.131 | -93.21 | -92.008 | 0.0 |
| 124 | 16918 | 16919 | NS | 1 | 57.47 | 58.161 | 0.0 | 0.0 | 298.885 | 3.961 | 1205.408 | 1271.68 | 9.141 | -93.211 | -92.008 | 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 | 16889 | 16890 | SN | 1 | -33.814 | 16.683 | 0.0 | -34.096 | 17.568 | 0.0 | -4.379 | 21.98 | 0.0 | -1.749 | 22.723 | 0.002 | 0.087 | 182.828 | 2.245 | 0.087 | 190.234 | 1.657 | 0.086 | 0.273 | 0.0 | 0.086 | 0.184 | 0.0 |
| 2 | 16889 | 16890 | SN | 1 | -33.605 | 16.683 | 0.0 | -34.096 | 17.582 | 0.0 | -4.379 | 21.98 | 0.0 | -1.749 | 22.724 | 0.002 | 0.087 | 174.258 | 2.337 | 0.087 | 190.234 | 1.839 | 0.086 | 0.273 | 0.0 | 0.086 | 0.184 | 0.0 |
| 3 | 16889 | 16890 | SN | 1 | -33.605 | 16.683 | 0.0 | -34.096 | 17.568 | 0.0 | -4.379 | 21.98 | 0.0 | -1.749 | 22.724 | 0.002 | 0.087 | 174.258 | 2.249 | 0.087 | 190.234 | 1.658 | 0.086 | 0.273 | 0.0 | 0.086 | 0.184 | 0.0 |
| 4 | 16890 | 16891 | SN | 1 | -34.636 | 17.033 | 0.0 | -34.821 | 17.334 | 0.0 | -1.239 | 22.15 | 0.002 | -0.034 | 22.099 | 0.002 | 0.087 | 215.416 | 3.929 | 0.087 | 224.793 | 3.109 | 0.086 | 0.172 | 0.0 | 0.086 | 0.15 | 0.0 |
| 5 | 16890 | 16891 | NS | 1 | -34.892 | 18.041 | 0.0 | -34.919 | 18.53 | 0.0 | -6.084 | 21.824 | 0.0 | -5.912 | 23.62 | 0.019 | 0.086 | 228.57 | 5.866 | 0.086 | 229.882 | 5.433 | 0.086 | 0.369 | 0.0 | 0.086 | 0.357 | 0.0 |
| 6 | 16890 | 16891 | SN | 1 | -34.745 | 17.033 | 0.0 | -34.821 | 17.334 | 0.0 | -1.239 | 22.15 | 0.002 | -0.034 | 22.099 | 0.002 | 0.087 | 220.899 | 3.925 | 0.087 | 224.793 | 3.11 | 0.086 | 0.172 | 0.0 | 0.086 | 0.15 | 0.0 |
| 7 | 16890 | 16891 | SN | 1 | -34.636 | 16.774 | 0.0 | -34.821 | 17.334 | 0.0 | -1.239 | 22.15 | 0.002 | -0.034 | 22.099 | 0.002 | 0.087 | 215.416 | 4.029 | 0.087 | 224.793 | 3.18 | 0.086 | 0.172 | 0.0 | 0.086 | 0.15 | 0.0 |
| 8 | 16891 | 16892 | SN | 1 | -34.744 | 16.976 | 0.0 | -34.745 | 17.545 | 0.0 | -1.452 | 21.671 | 0.0 | -0.01 | 24.028 | 0.004 | 0.087 | 220.83 | 5.22 | 0.087 | 220.964 | 3.973 | 0.086 | 0.177 | 0.0 | 0.086 | 0.149 | 0.0 |
| 9 | 16891 | 16892 | NS | 2 | -34.806 | 16.98 | 0.0 | -34.747 | 16.428 | 0.0 | -9.347 | 21.635 | 0.0 | -34.139 | 22.526 | 0.012 | 0.087 | 223.987 | 4.37 | 0.087 | 220.98 | 4.752 | 0.086 | 0.703 | 0.0 | 0.086 | 192.154 | 0.078 |
| 10 | 16891 | 16892 | NS | 1 | -34.806 | 16.98 | 0.0 | -34.747 | 16.428 | 0.0 | -9.347 | 21.635 | 0.0 | -34.372 | 22.526 | 0.012 | 0.087 | 223.987 | 4.369 | 0.087 | 220.98 | 4.752 | 0.086 | 0.703 | 0.0 | 0.086 | 202.753 | 0.078 |
| 11 | 16891 | 16892 | SN | 1 | -34.632 | 16.977 | 0.0 | -34.352 | 17.545 | 0.0 | -1.452 | 21.674 | 0.0 | -0.012 | 24.028 | 0.004 | 0.087 | 215.235 | 5.128 | 0.087 | 201.84 | 3.919 | 0.086 | 0.177 | 0.0 | 0.086 | 0.149 | 0.0 |
| 12 | 16891 | 16892 | SN | 1 | -34.632 | 16.977 | 0.0 | -34.352 | 17.545 | 0.0 | -1.452 | 21.674 | 0.0 | -0.012 | 24.028 | 0.004 | 0.087 | 215.235 | 5.213 | 0.087 | 201.84 | 3.968 | 0.086 | 0.177 | 0.0 | 0.086 | 0.149 | 0.0 |
| 13 | 16892 | 16893 | NS | 1 | -34.645 | 17.109 | 0.0 | -34.331 | 15.17 | 0.0 | -29.721 | 22.46 | 0.002 | -30.511 | 22.101 | 0.005 | 0.087 | 215.861 | 2.929 | 0.087 | 205.95 | 2.987 | 0.086 | 69.5 | 0.228 | 0.086 | 83.387 | 0.128 |
| 14 | 16892 | 16893 | SN | 1 | -34.714 | 16.252 | 0.0 | -34.64 | 16.45 | 0.0 | -1.131 | 21.986 | 0.0 | -1.042 | 20.416 | 0.0 | 0.087 | 219.333 | 4.064 | 0.087 | 215.662 | 3.365 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 15 | 16892 | 16893 | SN | 1 | -34.714 | 16.252 | 0.0 | -34.64 | 16.46 | 0.0 | -1.131 | 21.986 | 0.0 | -1.042 | 20.416 | 0.0 | 0.087 | 219.333 | 3.991 | 0.087 | 215.662 | 3.326 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 16 | 16892 | 16893 | SN | 1 | -34.674 | 16.252 | 0.0 | -34.934 | 16.459 | 0.0 | -1.132 | 21.988 | 0.0 | -1.032 | 20.416 | 0.0 | 0.087 | 217.361 | 3.982 | 0.087 | 230.711 | 3.323 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 17 | 16893 | 16894 | NS | 1 | -33.092 | 18.057 | 0.0 | -31.28 | 15.702 | 0.0 | -22.765 | 22.04 | 0.003 | -17.786 | 22.142 | 0.003 | 0.086 | 150.965 | 1.246 | 0.087 | 99.514 | 1.107 | 0.086 | 14.065 | 0.003 | 0.086 | 4.512 | 0.005 |
| 18 | 16893 | 16894 | SN | 2 | -34.688 | 15.925 | 0.0 | -34.451 | 16.562 | 0.0 | -0.246 | 21.508 | 0.0 | 1.181 | 21.779 | 0.0 | 0.087 | 218.025 | 2.762 | 0.087 | 206.448 | 2.287 | 0.086 | 0.153 | 0.0 | 0.086 | 0.133 | 0.0 |
| 19 | 16893 | 16894 | SN | 1 | -34.688 | 15.925 | 0.0 | -34.451 | 16.562 | 0.0 | -0.246 | 21.508 | 0.0 | 1.181 | 21.779 | 0.0 | 0.087 | 218.025 | 2.829 | 0.087 | 206.448 | 2.336 | 0.086 | 0.153 | 0.0 | 0.086 | 0.133 | 0.0 |
| 20 | 16893 | 16894 | NS | 1 | -34.906 | 18.055 | 0.0 | -31.316 | 15.713 | 0.0 | -22.908 | 22.04 | 0.003 | -17.786 | 22.142 | 0.003 | 0.086 | 229.254 | 1.248 | 0.087 | 100.331 | 1.107 | 0.086 | 14.53 | 0.003 | 0.086 | 4.512 | 0.005 |
| 21 | 16893 | 16894 | SN | 1 | -34.688 | 15.925 | 0.0 | -34.451 | 16.562 | 0.0 | -0.246 | 21.508 | 0.0 | 1.181 | 21.779 | 0.0 | 0.087 | 218.025 | 2.762 | 0.087 | 206.448 | 2.287 | 0.086 | 0.153 | 0.0 | 0.086 | 0.133 | 0.0 |
| 22 | 16894 | 16895 | SN | 1 | -34.383 | 15.54 | 0.0 | -34.337 | 15.693 | 0.0 | -0.371 | 21.25 | 0.0 | 0.666 | 21.641 | 0.0 | 0.087 | 203.237 | 3.596 | 0.087 | 201.095 | 3.17 | 0.086 | 0.155 | 0.0 | 0.086 | 0.14 | 0.0 |
| 23 | 16894 | 16895 | NS | 1 | -34.8 | 16.471 | 0.0 | -34.659 | 18.945 | 0.0 | -15.398 | 21.541 | 0.0 | -24.905 | 22.353 | 0.002 | 0.087 | 223.675 | 2.368 | 0.086 | 216.56 | 2.573 | 0.086 | 2.631 | 0.016 | 0.086 | 22.974 | 0.012 |
| 24 | 16894 | 16895 | SN | 1 | -34.383 | 15.54 | 0.0 | -34.337 | 15.95 | 0.0 | -0.371 | 21.25 | 0.0 | 0.666 | 21.641 | 0.0 | 0.087 | 203.237 | 3.493 | 0.087 | 201.095 | 3.051 | 0.086 | 0.155 | 0.0 | 0.086 | 0.14 | 0.0 |
| 25 | 16894 | 16895 | NS | 1 | -34.957 | 16.471 | 0.0 | -34.598 | 18.945 | 0.0 | -15.398 | 21.544 | 0.0 | -24.905 | 22.353 | 0.002 | 0.087 | 231.963 | 2.362 | 0.086 | 213.545 | 2.575 | 0.086 | 2.631 | 0.016 | 0.086 | 22.974 | 0.012 |
| 26 | 16894 | 16895 | SN | 2 | -34.383 | 15.54 | 0.0 | -34.337 | 15.95 | 0.0 | -0.371 | 21.25 | 0.0 | 0.666 | 21.641 | 0.0 | 0.087 | 203.237 | 3.493 | 0.087 | 201.095 | 3.051 | 0.086 | 0.155 | 0.0 | 0.086 | 0.14 | 0.0 |
| 27 | 16895 | 16896 | SN | 1 | -34.747 | 14.725 | 0.0 | -34.9 | 16.301 | 0.0 | -0.352 | 22.387 | 0.021 | 6.218 | 22.415 | 0.035 | 0.088 | 220.971 | 3.288 | 0.087 | 228.92 | 2.815 | 0.086 | 0.155 | 0.0 | 0.086 | 0.1 | 0.0 |
| 28 | 16895 | 16896 | NS | 1 | -34.911 | 16.819 | 0.0 | -34.903 | 17.059 | 0.0 | -24.77 | 21.872 | 0.0 | -25.182 | 22.096 | 0.003 | 0.087 | 229.506 | 3.444 | 0.087 | 229.089 | 3.983 | 0.086 | 22.275 | 0.17 | 0.086 | 24.487 | 0.173 |
| 29 | 16895 | 16896 | NS | 2 | -34.922 | 16.819 | 0.0 | -34.903 | 17.059 | 0.0 | -24.835 | 21.872 | 0.0 | -25.156 | 22.096 | 0.003 | 0.087 | 230.118 | 3.445 | 0.087 | 229.089 | 3.983 | 0.086 | 22.612 | 0.17 | 0.086 | 24.338 | 0.173 |
| 30 | 16895 | 16896 | SN | 1 | -34.747 | 14.725 | 0.0 | -34.9 | 14.994 | 0.0 | -0.352 | 22.387 | 0.023 | 6.218 | 22.415 | 0.035 | 0.088 | 220.971 | 3.434 | 0.087 | 228.92 | 3.03 | 0.086 | 0.155 | 0.0 | 0.086 | 0.1 | 0.0 |
| 31 | 16895 | 16896 | SN | 1 | -34.677 | 14.725 | 0.0 | -34.9 | 16.303 | 0.0 | -0.352 | 22.387 | 0.021 | 6.218 | 22.415 | 0.035 | 0.088 | 217.518 | 3.282 | 0.087 | 228.92 | 2.808 | 0.086 | 0.155 | 0.0 | 0.086 | 0.1 | 0.0 |
| 32 | 16896 | 16897 | SN | 1 | -34.636 | 15.605 | 0.0 | -34.905 | 16.507 | 0.0 | -11.635 | 22.593 | 0.027 | -15.623 | 24.311 | 0.15 | 0.087 | 215.404 | 7.808 | 0.087 | 229.221 | 6.453 | 0.086 | 1.144 | 0.001 | 0.086 | 2.768 | 0.003 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|--------|-------|---------|-------|-------|--------|-------|
| 33 | 16896 | 16897 | NS | 1 | -33.975 | 19.85 | 0.0 | -33.822 | 17.249 | 0.0 | -0.031 | 22.087 | 0.003 | 1.06 | 22.619 | 0.069 | 0.086 | 185.024 | 1.409 | 0.087 | 178.636 | 1.362 | 0.086 | 0.15 | 0.0 | 0.086 | 0.134 | 0.0 |
| 34 | 16896 | 16897 | SN | 1 | -34.636 | 15.605 | 0.0 | -34.905 | 16.109 | 0.0 | -11.635 | 22.593 | 0.029 | -15.623 | 24.311 | 0.15 | 0.087 | 215.404 | 8.415 | 0.087 | 229.221 | 7.548 | 0.086 | 1.144 | 0.002 | 0.086 | 2.768 | 0.003 |
| 35 | 16897 | 16898 | SN | 1 | -34.945 | 15.144 | 0.0 | -34.852 | 17.047 | 0.0 | -29.434 | 22.798 | 0.018 | -20.138 | 23.0 | 0.11 | 0.087 | 231.339 | 6.291 | 0.087 | 226.432 | 5.385 | 0.086 | 65.089 | 0.12 | 0.086 | 7.709 | 0.005 |
| 36 | 16897 | 16898 | NS | 2 | -34.973 | 21.562 | 0.0 | -34.591 | 22.862 | 0.005 | -0.467 | 22.738 | 0.096 | -1.123 | 23.725 | 0.66 | 0.086 | 232.822 | 1.878 | 0.086 | 213.172 | 1.971 | 0.086 | 0.157 | 0.0 | 0.086 | 0.17 | 0.0 |
| 37 | 16897 | 16898 | NS | 1 | -34.973 | 21.562 | 0.0 | -34.591 | 22.862 | 0.005 | -0.467 | 22.738 | 0.096 | -1.123 | 23.725 | 0.66 | 0.086 | 232.822 | 1.878 | 0.086 | 213.172 | 1.971 | 0.086 | 0.157 | 0.0 | 0.086 | 0.17 | 0.0 |
| 38 | 16897 | 16898 | SN | 2 | -34.945 | 15.144 | 0.0 | -34.852 | 17.048 | 0.0 | -29.439 | 22.798 | 0.018 | -20.138 | 23.0 | 0.11 | 0.087 | 231.339 | 6.29 | 0.087 | 226.432 | 5.385 | 0.086 | 65.144 | 0.12 | 0.086 | 7.709 | 0.005 |
| 39 | 16898 | 16899 | SN | 1 | -34.928 | 16.089 | 0.0 | -34.796 | 16.643 | 0.0 | -8.418 | 22.86 | 0.014 | -8.336 | 23.307 | 0.093 | 0.087 | 230.416 | 7.329 | 0.087 | 223.512 | 6.76 | 0.086 | 0.581 | 0.0 | 0.086 | 0.572 | 0.0 |
| 40 | 16898 | 16899 | NS | 1 | -34.909 | 21.954 | 0.0 | -34.436 | 19.878 | 0.0 | -24.685 | 22.788 | 0.196 | -28.284 | 23.377 | 0.594 | 0.086 | 229.403 | 2.748 | 0.086 | 205.747 | 2.75 | 0.086 | 21.849 | 0.055 | 0.086 | 49.938 | 0.037 |
| 41 | 16898 | 16899 | NS | 1 | -34.699 | 21.954 | 0.0 | -34.376 | 19.878 | 0.0 | -24.685 | 22.788 | 0.196 | -28.284 | 23.377 | 0.594 | 0.086 | 224.178 | 2.742 | 0.086 | 202.893 | 2.747 | 0.086 | 21.849 | 0.055 | 0.086 | 49.938 | 0.037 |
| 42 | 16899 | 16900 | SN | 2 | -34.6 | 16.388 | 0.0 | -34.993 | 17.949 | 0.0 | -34.453 | 22.924 | 0.012 | -22.385 | 22.907 | 0.071 | 0.087 | 213.637 | 6.747 | 0.086 | 233.89 | 6.254 | 0.086 | 206.563 | 0.235 | 0.086 | 12.89 | 0.052 |
| 43 | 16899 | 16900 | NS | 1 | -34.264 | 21.423 | 0.0 | -34.564 | 17.336 | 0.0 | -0.318 | 22.095 | 0.014 | -4.178 | 22.882 | 0.211 | 0.086 | 197.744 | 3.932 | 0.087 | 211.889 | 3.547 | 0.086 | 0.154 | 0.0 | 0.086 | 0.264 | 0.0 |
| 44 | 16899 | 16900 | SN | 1 | -34.6 | 16.388 | 0.0 | -34.993 | 17.949 | 0.0 | -34.422 | 22.924 | 0.012 | -22.385 | 22.907 | 0.071 | 0.087 | 213.637 | 6.747 | 0.086 | 233.89 | 6.253 | 0.086 | 205.111 | 0.235 | 0.086 | 12.89 | 0.052 |
| 45 | 16899 | 16900 | NS | 1 | -34.247 | 21.423 | 0.0 | -34.68 | 17.338 | 0.0 | -0.318 | 22.095 | 0.014 | -4.189 | 22.882 | 0.21 | 0.086 | 197.009 | 3.937 | 0.087 | 217.662 | 3.554 | 0.086 | 0.154 | 0.0 | 0.086 | 0.264 | 0.0 |
| 46 | 16900 | 16901 | SN | 1 | -33.334 | 16.411 | 0.0 | -34.716 | 17.675 | 0.0 | -26.059 | 22.543 | 0.015 | -28.403 | 23.051 | 0.075 | 0.087 | 159.65 | 3.746 | 0.086 | 219.433 | 3.104 | 0.086 | 29.952 | 0.105 | 0.086 | 51.337 | 0.108 |
| 47 | 16900 | 16901 | NS | 1 | -34.962 | 16.85 | 0.0 | -34.334 | 20.342 | 0.0 | 2.653 | 22.724 | 0.036 | 4.561 | 22.76 | 0.135 | 0.087 | 232.186 | 4.474 | 0.086 | 200.991 | 4.452 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 48 | 16900 | 16901 | NS | 1 | -34.962 | 16.85 | 0.0 | -34.826 | 20.342 | 0.0 | 2.653 | 22.724 | 0.04 | 4.561 | 22.771 | 0.148 | 0.087 | 232.186 | 4.487 | 0.086 | 225.07 | 4.45 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 49 | 16900 | 16901 | NS | 1 | -34.897 | 16.85 | 0.0 | -34.779 | 20.342 | 0.0 | 2.653 | 22.723 | 0.036 | 4.561 | 22.76 | 0.135 | 0.087 | 228.74 | 4.466 | 0.086 | 222.639 | 4.447 | 0.086 | 0.119 | 0.0 | 0.086 | 0.106 | 0.0 |
| 50 | 16900 | 16901 | SN | 1 | -34.632 | 16.414 | 0.0 | -34.24 | 17.666 | 0.0 | -26.152 | 22.543 | 0.015 | -28.059 | 23.051 | 0.075 | 0.087 | 215.231 | 3.745 | 0.087 | 196.669 | 3.104 | 0.086 | 30.597 | 0.105 | 0.086 | 47.428 | 0.106 |
| 51 | 16901 | 16902 | NS | 1 | -34.639 | 21.454 | 0.0 | -34.64 | 17.024 | 0.0 | 2.308 | 22.596 | 0.024 | 2.943 | 22.816 | 0.169 | 0.086 | 215.587 | 2.004 | 0.087 | 215.653 | 1.857 | 0.086 | 0.122 | 0.0 | 0.086 | 0.116 | 0.0 |
| 52 | 16901 | 16902 | SN | 1 | -34.905 | 16.575 | 0.0 | -34.324 | 17.52 | 0.0 | -22.058 | 23.198 | 0.098 | -24.933 | 23.103 | 0.287 | 0.087 | 229.208 | 3.282 | 0.087 | 200.527 | 2.557 | 0.086 | 11.959 | 0.065 | 0.086 | 23.123 | 0.078 |
| 53 | 16901 | 16902 | NS | 1 | -34.639 | 21.454 | 0.0 | -34.64 | 17.024 | 0.0 | 2.296 | 22.596 | 0.033 | 2.941 | 22.825 | 0.21 | 0.086 | 215.587 | 2.006 | 0.087 | 215.653 | 1.858 | 0.086 | 0.122 | 0.0 | 0.086 | 0.116 | 0.0 |
| 54 | 16901 | 16902 | SN | 1 | -34.555 | 16.573 | 0.0 | -34.725 | 17.525 | 0.0 | -21.916 | 23.199 | 0.098 | -24.322 | 23.108 | 0.294 | 0.087 | 211.484 | 3.284 | 0.087 | 219.893 | 2.557 | 0.086 | 11.576 | 0.065 | 0.086 | 20.095 | 0.077 |
| 55 | 16901 | 16902 | NS | 2 | -34.639 | 21.454 | 0.0 | -34.64 | 17.024 | 0.0 | 2.308 | 22.596 | 0.024 | 2.943 | 22.816 | 0.169 | 0.086 | 215.587 | 2.004 | 0.087 | 215.653 | 1.857 | 0.086 | 0.122 | 0.0 | 0.086 | 0.116 | 0.0 |
| 56 | 16902 | 16903 | SN | 2 | -34.895 | 16.185 | 0.0 | -34.832 | 17.518 | 0.0 | 0.857 | 22.902 | 0.116 | 1.984 | 23.269 | 0.951 | 0.087 | 228.653 | 4.377 | 0.087 | 225.36 | 3.741 | 0.086 | 0.137 | 0.0 | 0.086 | 0.124 | 0.0 |
| 57 | 16902 | 16903 | NS | 1 | -34.758 | 19.338 | 0.0 | -34.834 | 17.31 | 0.0 | 1.496 | 22.466 | 0.025 | 1.765 | 23.187 | 0.21 | 0.086 | 221.557 | 2.505 | 0.087 | 225.427 | 2.549 | 0.086 | 0.13 | 0.0 | 0.086 | 0.127 | 0.0 |
| 58 | 16902 | 16903 | SN | 1 | -34.895 | 16.185 | 0.0 | -34.832 | 17.518 | 0.0 | 0.857 | 22.902 | 0.116 | 1.984 | 23.269 | 0.951 | 0.087 | 228.653 | 4.377 | 0.087 | 225.36 | 3.741 | 0.086 | 0.137 | 0.0 | 0.086 | 0.124 | 0.0 |
| 59 | 16902 | 16903 | NS | 2 | -34.758 | 19.338 | 0.0 | -34.834 | 17.31 | 0.0 | 1.496 | 22.466 | 0.025 | 1.765 | 23.187 | 0.21 | 0.086 | 221.557 | 2.505 | 0.087 | 225.427 | 2.549 | 0.086 | 0.13 | 0.0 | 0.086 | 0.127 | 0.0 |
| 60 | 16902 | 16903 | NS | 1 | -34.758 | 19.338 | 0.0 | -34.318 | 17.308 | 0.0 | 6.533 | 22.466 | 0.042 | 2.622 | 22.582 | 0.068 | 0.086 | 221.557 | 2.529 | 0.087 | 200.234 | 2.549 | 0.086 | 0.098 | 0.0 | 0.086 | 0.119 | 0.0 |
| 61 | 16903 | 16904 | SN | 1 | -32.38 | 16.756 | 0.0 | -33.498 | 17.539 | 0.0 | 1.688 | 22.427 | 0.025 | 4.284 | 22.911 | 0.075 | 0.087 | 128.154 | 1.277 | 0.087 | 165.782 | 0.817 | 0.086 | 0.128 | 0.0 | 0.086 | 0.108 | 0.0 |
| 62 | 16903 | 16904 | NS | 1 | -34.939 | 18.297 | 0.0 | -33.972 | 15.854 | 0.0 | 1.403 | 22.447 | 0.033 | 0.104 | 23.061 | 0.138 | 0.086 | 230.98 | 3.585 | 0.087 | 184.9 | 3.639 | 0.086 | 0.13 | 0.0 | 0.086 | 0.148 | 0.0 |
| 63 | 16903 | 16904 | NS | 1 | -34.202 | 18.297 | 0.0 | -34.855 | 15.854 | 0.0 | 2.126 | 21.222 | 0.0 | 0.116 | 21.313 | 0.0 | 0.086 | 194.982 | 2.853 | 0.087 | 226.6 | 3.561 | 0.086 | 0.123 | 0.0 | 0.086 | 0.147 | 0.0 |
| 64 | 16903 | 16904 | NS | 1 | -34.727 | 18.297 | 0.0 | -34.882 | 15.854 | 0.0 | 1.403 | 22.447 | 0.033 | 0.104 | 23.061 | 0.138 | 0.086 | 219.948 | 3.584 | 0.087 | 227.953 | 3.639 | 0.086 | 0.13 | 0.0 | 0.086 | 0.148 | 0.0 |
| 65 | 16903 | 16904 | SN | 1 | -34.076 | 16.061 | 0.0 | -33.498 | 17.426 | 0.0 | 1.688 | 21.955 | 0.0 | 4.284 | 22.908 | 0.061 | 0.087 | 189.364 | 1.301 | 0.087 | 165.782 | 0.904 | 0.086 | 0.128 | 0.0 | 0.086 | 0.108 | 0.0 |
| 66 | 16903 | 16904 | SN | 2 | -32.38 | 16.756 | 0.0 | -33.498 | 17.539 | 0.0 | 1.688 | 22.427 | 0.025 | 4.284 | 22.911 | 0.075 | 0.087 | 128.154 | 1.277 | 0.087 | 165.782 | 0.817 | 0.086 | 0.128 | 0.0 | 0.086 | 0.108 | 0.0 |
| 67 | 16904 | 16905 | NS | 1 | -34.806 | 17.696 | 0.0 | -34.99 | 18.275 | 0.0 | -0.595 | 21.825 | 0.0 | -0.134 | 23.428 | 0.027 | 0.086 | 224.006 | 11.55 | 0.086 | 233.705 | 11.859 | 0.086 | 0.159 | 0.0 | 0.086 | 0.151 | 0.0 |
| 68 | 16904 | 16905 | SN | 2 | -34.535 | 16.53 | 0.0 | -34.966 | 17.857 | 0.0 | -16.624 | 21.887 | 0.0 | -23.197 | 21.046 | 0.0 | 0.087 | 210.45 | 2.027 | 0.086 | 232.456 | 1.592 | 0.086 | 3.468 | 0.013 | 0.086 | 15.525 | 0.012 |
| 69 | 16904 | 16905 | SN | 1 | -34.535 | 16.242 | 0.0 | -34.966 | 17.857 | 0.0 | -16.624 | 21.887 | 0.0 | -23.197 | 21.046 | 0.0 | 0.087 | 210.45 | 2.118 | 0.086 | 232.456 | 1.714 | 0.086 | 3.468 | 0.014 | 0.086 | 15.525 | 0.012 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 70 | 16904 | 16905 | SN | 1 | -34.535 | 16.53 | 0.0 | -34.966 | 17.857 | 0.0 | -16.624 | 21.887 | 0.0 | -23.197 | 21.046 | 0.0 | 0.087 | 210.45 | 2.027 | 0.086 | 232.456 | 1.592 | 0.086 | 3.468 | 0.013 | 0.086 | 15.525 | 0.012 |
| 71 | 16905 | 16906 | SN | 1 | -33.76 | 17.025 | 0.0 | -34.838 | 17.365 | 0.0 | 0.226 | 22.095 | 0.002 | -0.558 | 21.067 | 0.0 | 0.087 | 176.068 | 3.925 | 0.087 | 225.698 | 3.131 | 0.086 | 0.146 | 0.0 | 0.086 | 0.159 | 0.0 |
| 72 | 16905 | 16906 | SN | 1 | -33.76 | 17.025 | 0.0 | -34.838 | 17.365 | 0.0 | 0.226 | 22.095 | 0.002 | -0.558 | 21.067 | 0.0 | 0.087 | 176.068 | 3.994 | 0.087 | 225.698 | 3.18 | 0.086 | 0.146 | 0.0 | 0.086 | 0.159 | 0.0 |
| 73 | 16905 | 16906 | NS | 2 | -34.973 | 17.932 | 0.0 | -34.592 | 18.741 | 0.0 | -21.002 | 21.832 | 0.0 | -8.233 | 22.282 | 0.006 | 0.086 | 232.77 | 7.891 | 0.086 | 213.284 | 8.078 | 0.086 | 9.391 | 0.005 | 0.086 | 0.56 | 0.0 |
| 74 | 16905 | 16906 | NS | 1 | -34.96 | 17.932 | 0.0 | -34.806 | 18.741 | 0.0 | -20.992 | 21.832 | 0.0 | -8.233 | 22.282 | 0.006 | 0.086 | 232.127 | 7.891 | 0.086 | 223.994 | 8.068 | 0.086 | 9.373 | 0.005 | 0.086 | 0.56 | 0.0 |
| 75 | 16905 | 16906 | SN | 1 | -34.925 | 17.025 | 0.0 | -34.843 | 17.365 | 0.0 | 0.226 | 22.095 | 0.002 | -0.564 | 21.066 | 0.0 | 0.087 | 230.23 | 3.996 | 0.087 | 225.973 | 3.169 | 0.086 | 0.146 | 0.0 | 0.086 | 0.159 | 0.0 |
| 76 | 16906 | 16907 | SN | 1 | -34.988 | 16.921 | 0.0 | -33.741 | 17.305 | 0.0 | 1.182 | 21.613 | 0.0 | 0.751 | 21.138 | 0.0 | 0.087 | 233.631 | 2.96 | 0.087 | 175.356 | 2.486 | 0.086 | 0.133 | 0.0 | 0.086 | 0.138 | 0.0 |
| 77 | 16906 | 16907 | SN | 1 | -34.988 | 16.621 | 0.0 | -34.818 | 17.305 | 0.0 | 1.182 | 21.613 | 0.0 | 0.751 | 20.227 | 0.0 | 0.087 | 233.631 | 3.016 | 0.087 | 224.649 | 2.509 | 0.086 | 0.133 | 0.0 | 0.086 | 0.138 | 0.0 |
| 78 | 16906 | 16907 | NS | 1 | -34.994 | 16.863 | 0.0 | -34.679 | 16.069 | 0.0 | -6.506 | 21.244 | 0.0 | -30.004 | 22.248 | 0.003 | 0.087 | 233.984 | 3.774 | 0.087 | 217.582 | 3.555 | 0.086 | 0.399 | 0.0 | 0.086 | 74.19 | 0.045 |
| 79 | 16907 | 16908 | NS | 1 | -34.758 | 15.576 | 0.0 | -34.499 | 15.736 | 0.0 | -24.404 | 22.084 | 0.001 | -34.702 | 21.983 | 0.0 | 0.087 | 221.541 | 3.423 | 0.087 | 208.802 | 3.395 | 0.086 | 20.48 | 0.039 | 0.086 | 218.768 | 0.091 |
| 80 | 16907 | 16908 | SN | 1 | -34.846 | 16.323 | 0.0 | -34.578 | 16.575 | 0.0 | 0.355 | 21.442 | 0.0 | 1.283 | 21.688 | 0.0 | 0.087 | 226.136 | 1.614 | 0.087 | 212.629 | 1.252 | 0.086 | 0.144 | 0.0 | 0.086 | 0.132 | 0.0 |
| 81 | 16908 | 16909 | SN | 1 | -34.882 | 16.546 | 0.0 | -34.724 | 16.767 | 0.0 | -0.283 | 21.33 | 0.0 | 1.789 | 21.57 | 0.0 | 0.087 | 227.947 | 3.65 | 0.087 | 219.84 | 3.296 | 0.086 | 0.154 | 0.0 | 0.086 | 0.126 | 0.0 |
| 82 | 16908 | 16909 | SN | 1 | -34.882 | 16.546 | 0.0 | -34.724 | 16.767 | 0.0 | -0.283 | 21.33 | 0.0 | 1.789 | 21.57 | 0.0 | 0.087 | 227.947 | 3.748 | 0.087 | 219.84 | 3.39 | 0.086 | 0.154 | 0.0 | 0.086 | 0.126 | 0.0 |
| 83 | 16908 | 16909 | NS | 1 | -34.742 | 17.848 | 0.0 | -34.388 | 15.981 | 0.0 | -16.526 | 22.146 | 0.002 | -20.661 | 21.887 | 0.0 | 0.086 | 220.804 | 5.252 | 0.087 | 203.472 | 5.287 | 0.086 | 3.392 | 0.011 | 0.086 | 8.687 | 0.005 |
| 84 | 16908 | 16909 | NS | 1 | -34.742 | 17.848 | 0.0 | -34.532 | 15.981 | 0.0 | -16.523 | 22.146 | 0.002 | -20.661 | 21.887 | 0.0 | 0.086 | 220.804 | 5.248 | 0.087 | 210.344 | 5.287 | 0.086 | 3.39 | 0.011 | 0.086 | 8.687 | 0.005 |
| 85 | 16909 | 16910 | SN | 1 | -34.427 | 15.596 | 0.0 | -33.822 | 16.142 | 0.0 | -0.447 | 21.671 | 0.0 | 3.857 | 21.516 | 0.0 | 0.087 | 205.288 | 2.092 | 0.087 | 178.613 | 1.803 | 0.086 | 0.157 | 0.0 | 0.086 | 0.11 | 0.0 |
| 86 | 16909 | 16910 | NS | 1 | -34.943 | 17.512 | 0.0 | -34.841 | 17.082 | 0.0 | -27.94 | 21.369 | 0.0 | -22.27 | 22.528 | 0.002 | 0.087 | 231.251 | 3.524 | 0.087 | 225.857 | 3.152 | 0.086 | 46.149 | 0.188 | 0.086 | 12.557 | 0.054 |
| 87 | 16909 | 16910 | NS | 1 | -34.789 | 17.515 | 0.0 | -34.303 | 17.082 | 0.0 | -26.522 | 21.371 | 0.0 | -22.27 | 22.528 | 0.002 | 0.087 | 223.117 | 3.518 | 0.087 | 199.516 | 3.156 | 0.086 | 33.313 | 0.187 | 0.086 | 12.554 | 0.054 |
| 88 | 16909 | 16910 | SN | 1 | -34.427 | 15.596 | 0.0 | -33.822 | 15.452 | 0.0 | -0.447 | 21.671 | 0.0 | 3.857 | 21.516 | 0.0 | 0.087 | 205.288 | 2.163 | 0.087 | 178.613 | 1.856 | 0.086 | 0.157 | 0.0 | 0.086 | 0.11 | 0.0 |
| 89 | 16910 | 16911 | NS | 1 | -34.875 | 17.399 | 0.0 | -34.69 | 17.534 | 0.0 | 2.344 | 22.888 | 0.076 | 1.478 | 23.213 | 0.072 | 0.087 | 227.617 | 2.019 | 0.087 | 218.146 | 1.654 | 0.086 | 0.121 | 0.0 | 0.086 | 0.13 | 0.0 |
| 90 | 16910 | 16911 | NS | 1 | -34.902 | 17.399 | 0.0 | -34.937 | 17.534 | 0.0 | 2.341 | 22.888 | 0.076 | 1.475 | 23.213 | 0.072 | 0.087 | 228.996 | 2.018 | 0.087 | 230.912 | 1.647 | 0.086 | 0.121 | 0.0 | 0.086 | 0.13 | 0.0 |
| 91 | 16910 | 16911 | SN | 1 | -34.472 | 16.176 | 0.0 | -34.914 | 16.937 | 0.0 | -6.839 | 23.376 | 0.044 | -2.902 | 22.945 | 0.1 | 0.087 | 207.455 | 7.059 | 0.087 | 229.681 | 5.514 | 0.086 | 0.425 | 0.0 | 0.086 | 0.216 | 0.0 |
| 92 | 16910 | 16911 | SN | 1 | -34.472 | 16.176 | 0.0 | -34.914 | 16.937 | 0.0 | -6.825 | 23.376 | 0.041 | -2.902 | 22.945 | 0.099 | 0.087 | 207.455 | 6.629 | 0.087 | 229.681 | 4.971 | 0.086 | 0.424 | 0.0 | 0.086 | 0.216 | 0.0 |
| 93 | 16911 | 16912 | NS | 2 | -34.728 | 16.578 | 0.0 | -34.66 | 16.889 | 0.0 | 0.667 | 22.574 | 0.075 | 0.774 | 23.225 | 0.385 | 0.087 | 220.045 | 1.655 | 0.087 | 216.627 | 1.483 | 0.086 | 0.14 | 0.0 | 0.086 | 0.138 | 0.0 |
| 94 | 16911 | 16912 | NS | 1 | -34.798 | 16.578 | 0.0 | -34.861 | 16.889 | 0.0 | 0.667 | 22.574 | 0.075 | 0.774 | 23.225 | 0.385 | 0.087 | 223.597 | 1.656 | 0.087 | 226.91 | 1.483 | 0.086 | 0.14 | 0.0 | 0.086 | 0.138 | 0.0 |
| 95 | 16911 | 16912 | SN | 1 | -34.824 | 16.778 | 0.0 | -34.897 | 17.067 | 0.0 | -11.731 | 22.356 | 0.013 | -12.55 | 23.007 | 0.143 | 0.087 | 225.002 | 8.43 | 0.087 | 228.8 | 7.07 | 0.086 | 1.168 | 0.001 | 0.086 | 1.397 | 0.003 |
| 96 | 16911 | 16912 | SN | 1 | -34.8 | 16.778 | 0.0 | -34.976 | 17.067 | 0.0 | -11.728 | 22.356 | 0.013 | -12.574 | 23.009 | 0.145 | 0.087 | 223.739 | 8.442 | 0.087 | 233.01 | 7.089 | 0.086 | 1.168 | 0.001 | 0.086 | 1.405 | 0.003 |
| 97 | 16911 | 16912 | SN | 1 | -34.824 | 16.778 | 0.0 | -34.897 | 17.067 | 0.0 | -11.731 | 22.356 | 0.014 | -12.55 | 22.8 | 0.108 | 0.087 | 225.002 | 9.094 | 0.087 | 228.8 | 8.336 | 0.086 | 1.168 | 0.002 | 0.086 | 1.397 | 0.003 |
| 98 | 16912 | 16913 | SN | 1 | -34.872 | 14.189 | 0.0 | -34.894 | 16.672 | 0.0 | -29.408 | 22.33 | 0.007 | -6.005 | 23.125 | 0.085 | 0.088 | 227.462 | 6.89 | 0.087 | 228.637 | 6.625 | 0.086 | 64.692 | 0.076 | 0.086 | 0.364 | 0.0 |
| 99 | 16912 | 16913 | NS | 1 | -34.733 | 21.074 | 0.0 | -34.793 | 21.717 | 0.0 | -4.494 | 23.131 | 0.199 | -3.479 | 23.629 | 0.772 | 0.086 | 220.322 | 2.629 | 0.086 | 223.382 | 2.366 | 0.086 | 0.278 | 0.0 | 0.086 | 0.236 | 0.0 |
| 100 | 16913 | 16914 | SN | 1 | -34.956 | 15.104 | 0.0 | -34.386 | 17.065 | 0.0 | -32.552 | 22.26 | 0.002 | -33.867 | 23.301 | 0.105 | 0.087 | 231.925 | 6.712 | 0.087 | 203.416 | 5.819 | 0.086 | 133.331 | 0.155 | 0.086 | 180.464 | 0.175 |
| 101 | 16913 | 16914 | NS | 1 | -34.249 | 22.156 | 0.001 | -34.929 | 18.202 | 0.0 | -24.114 | 22.809 | 0.026 | -30.262 | 23.213 | 0.229 | 0.086 | 197.093 | 2.152 | 0.086 | 230.476 | 2.058 | 0.086 | 19.166 | 0.034 | 0.086 | 78.726 | 0.05 |
| 102 | 16914 | 16915 | NS | 1 | -34.959 | 18.707 | 0.0 | -34.926 | 20.391 | 0.0 | -1.751 | 22.52 | 0.024 | 0.07 | 22.945 | 0.166 | 0.086 | 232.063 | 2.921 | 0.086 | 230.339 | 2.782 | 0.086 | 0.184 | 0.0 | 0.086 | 0.148 | 0.0 |
| 103 | 16914 | 16915 | SN | 2 | -34.864 | 16.98 | 0.0 | -34.597 | 17.194 | 0.0 | -23.236 | 22.231 | 0.01 | -25.59 | 23.111 | 0.087 | 0.087 | 227.041 | 3.873 | 0.087 | 213.522 | 3.358 | 0.086 | 15.665 | 0.047 | 0.086 | 26.894 | 0.056 |
| 104 | 16914 | 16915 | NS | 1 | -34.984 | 18.707 | 0.0 | -34.926 | 20.391 | 0.0 | -1.751 | 22.52 | 0.024 | 0.07 | 22.945 | 0.166 | 0.086 | 233.367 | 2.921 | 0.086 | 230.339 | 2.788 | 0.086 | 0.184 | 0.0 | 0.086 | 0.148 | 0.0 |
| 105 | 16914 | 16915 | NS | 1 | -34.984 | 18.707 | 0.0 | -34.926 | 20.391 | 0.0 | -1.751 | 22.52 | 0.025 | 0.07 | 22.945 | 0.17 | 0.086 | 233.367 | 2.924 | 0.086 | 230.339 | 2.788 | 0.086 | 0.184 | 0.0 | 0.086 | 0.148 | 0.0 |
| 106 | 16914 | 16915 | SN | 1 | -34.864 | 16.98 | 0.0 | -34.597 | 17.194 | 0.0 | -23.232 | 22.231 | 0.01 | -25.59 | 23.111 | 0.087 | 0.087 | 227.041 | 3.869 | 0.087 | 213.522 | 3.359 | 0.086 | 15.656 | 0.047 | 0.086 | 26.894 | 0.056 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 107 | 16915 | 16916 | SN | 1 | -34.405 | 16.258 | 0.0 | -34.897 | 17.73 | 0.0 | -13.505 | 22.537 | 0.015 | -24.512 | 22.914 | 0.086 | 0.087 | 204.298 | 4.089 | 0.086 | 228.78 | 4.193 | 0.086 | 1.725 | 0.009 | 0.086 | 20.991 | 0.008 |
| 108 | 16915 | 16916 | SN | 2 | -34.405 | 16.258 | 0.0 | -34.897 | 17.73 | 0.0 | -13.505 | 22.537 | 0.015 | -24.512 | 22.914 | 0.086 | 0.087 | 204.298 | 4.089 | 0.086 | 228.78 | 4.193 | 0.086 | 1.725 | 0.009 | 0.086 | 20.991 | 0.008 |
| 109 | 16915 | 16916 | NS | 1 | -34.775 | 19.672 | 0.0 | -34.752 | 20.828 | 0.0 | -21.435 | 22.156 | 0.04 | -2.238 | 23.038 | 0.126 | 0.086 | 222.45 | 3.771 | 0.086 | 221.249 | 3.205 | 0.086 | 10.371 | 0.006 | 0.086 | 0.196 | 0.0 |
| 110 | 16915 | 16916 | NS | 1 | -34.13 | 19.672 | 0.0 | -33.823 | 20.828 | 0.0 | -21.444 | 22.156 | 0.04 | -2.24 | 23.038 | 0.126 | 0.086 | 191.707 | 3.763 | 0.086 | 178.694 | 3.198 | 0.086 | 10.392 | 0.006 | 0.086 | 0.196 | 0.0 |
| 111 | 16915 | 16916 | NS | 1 | -34.775 | 19.672 | 0.0 | -34.752 | 20.828 | 0.0 | -21.435 | 22.156 | 0.051 | -2.238 | 23.038 | 0.154 | 0.086 | 222.45 | 3.778 | 0.086 | 221.249 | 3.206 | 0.086 | 10.371 | 0.007 | 0.086 | 0.196 | 0.0 |
| 112 | 16916 | 16917 | NS | 1 | -34.595 | 19.732 | 0.0 | -34.979 | 20.438 | 0.0 | 1.168 | 22.87 | 0.057 | 0.421 | 22.853 | 0.288 | 0.086 | 213.424 | 3.343 | 0.086 | 233.098 | 3.055 | 0.086 | 0.133 | 0.0 | 0.086 | 0.143 | 0.0 |
| 113 | 16916 | 16917 | SN | 1 | -33.962 | 16.655 | 0.0 | -34.666 | 17.905 | 0.0 | -22.787 | 22.786 | 0.095 | -23.418 | 22.873 | 0.582 | 0.087 | 184.532 | 2.364 | 0.086 | 216.981 | 2.066 | 0.086 | 14.135 | 0.128 | 0.086 | 16.336 | 0.124 |
| 114 | 16916 | 16917 | NS | 2 | -34.595 | 19.732 | 0.0 | -34.979 | 20.438 | 0.0 | 1.116 | 22.87 | 0.026 | 0.421 | 22.846 | 0.198 | 0.086 | 213.424 | 3.32 | 0.086 | 233.098 | 3.057 | 0.086 | 0.134 | 0.0 | 0.086 | 0.143 | 0.0 |
| 115 | 16916 | 16917 | NS | 1 | -34.595 | 19.732 | 0.0 | -34.979 | 20.438 | 0.0 | 1.116 | 22.87 | 0.026 | 0.421 | 22.846 | 0.198 | 0.086 | 213.424 | 3.32 | 0.086 | 233.098 | 3.057 | 0.086 | 0.134 | 0.0 | 0.086 | 0.143 | 0.0 |
| 116 | 16916 | 16917 | SN | 1 | -34.014 | 16.658 | 0.0 | -34.284 | 17.905 | 0.0 | -22.787 | 22.786 | 0.095 | -23.418 | 22.874 | 0.582 | 0.087 | 186.703 | 2.365 | 0.086 | 198.672 | 2.069 | 0.086 | 14.135 | 0.128 | 0.086 | 16.336 | 0.124 |
| 117 | 16917 | 16918 | NS | 2 | -33.78 | 20.75 | 0.0 | -34.088 | 17.559 | 0.0 | 1.509 | 22.406 | 0.064 | 1.498 | 23.188 | 0.141 | 0.086 | 176.931 | 2.184 | 0.087 | 189.907 | 2.135 | 0.086 | 0.129 | 0.0 | 0.086 | 0.13 | 0.0 |
| 118 | 16917 | 16918 | NS | 1 | -34.199 | 20.75 | 0.0 | -34.179 | 17.562 | 0.0 | 2.383 | 22.406 | 0.018 | 1.83 | 20.566 | 0.0 | 0.086 | 194.854 | 2.04 | 0.087 | 193.918 | 2.138 | 0.086 | 0.121 | 0.0 | 0.086 | 0.126 | 0.0 |
| 119 | 16917 | 16918 | NS | 1 | -33.78 | 20.75 | 0.0 | -33.924 | 17.559 | 0.0 | 1.509 | 22.406 | 0.064 | 1.498 | 23.188 | 0.141 | 0.086 | 176.931 | 2.183 | 0.087 | 182.846 | 2.135 | 0.086 | 0.129 | 0.0 | 0.086 | 0.13 | 0.0 |
| 120 | 16917 | 16918 | SN | 1 | -33.692 | 16.262 | 0.0 | -33.922 | 17.604 | 0.0 | 2.188 | 22.483 | 0.114 | 3.077 | 23.04 | 0.705 | 0.087 | 173.364 | 1.249 | 0.087 | 182.778 | 1.288 | 0.086 | 0.123 | 0.0 | 0.086 | 0.115 | 0.0 |
| 121 | 16917 | 16918 | SN | 1 | -33.692 | 13.755 | 0.0 | -33.922 | 14.202 | 0.0 | 2.188 | 22.457 | 0.08 | 3.077 | 23.052 | 0.753 | 0.088 | 173.364 | 1.272 | 0.088 | 182.778 | 1.387 | 0.086 | 0.123 | 0.0 | 0.086 | 0.115 | 0.0 |
| 122 | 16917 | 16918 | SN | 1 | -33.692 | 16.259 | 0.0 | -34.806 | 17.604 | 0.0 | 2.188 | 22.483 | 0.114 | 3.077 | 23.04 | 0.705 | 0.087 | 173.364 | 1.247 | 0.087 | 224.014 | 1.287 | 0.086 | 0.123 | 0.0 | 0.086 | 0.115 | 0.0 |
| 123 | 16918 | 16919 | NS | 1 | -34.936 | 17.701 | 0.0 | -34.847 | 20.456 | 0.0 | 0.166 | 23.526 | 0.036 | -1.067 | 22.652 | 0.052 | 0.086 | 230.823 | 7.511 | 0.086 | 226.15 | 7.258 | 0.086 | 0.147 | 0.0 | 0.086 | 0.168 | 0.0 |
| 124 | 16918 | 16919 | NS | 1 | -34.936 | 17.701 | 0.0 | -34.696 | 20.456 | 0.0 | 0.166 | 23.526 | 0.036 | -1.066 | 22.652 | 0.05 | 0.086 | 230.823 | 7.478 | 0.086 | 218.393 | 7.24 | 0.086 | 0.147 | 0.0 | 0.086 | 0.168 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors