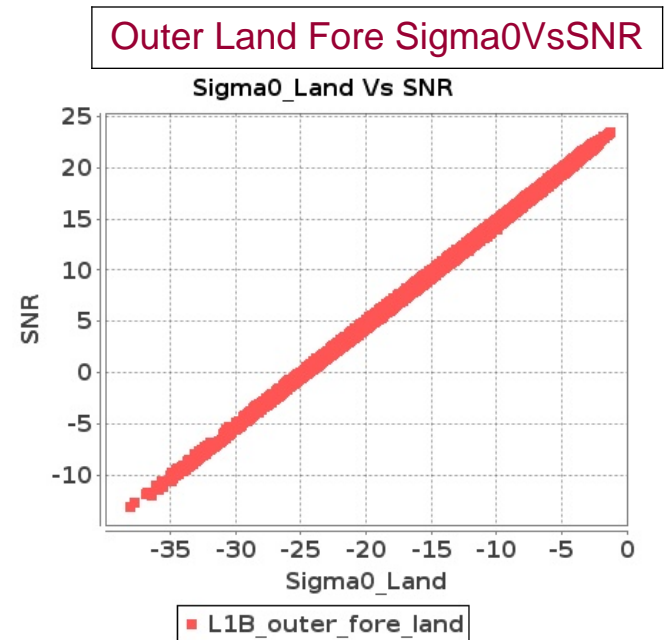
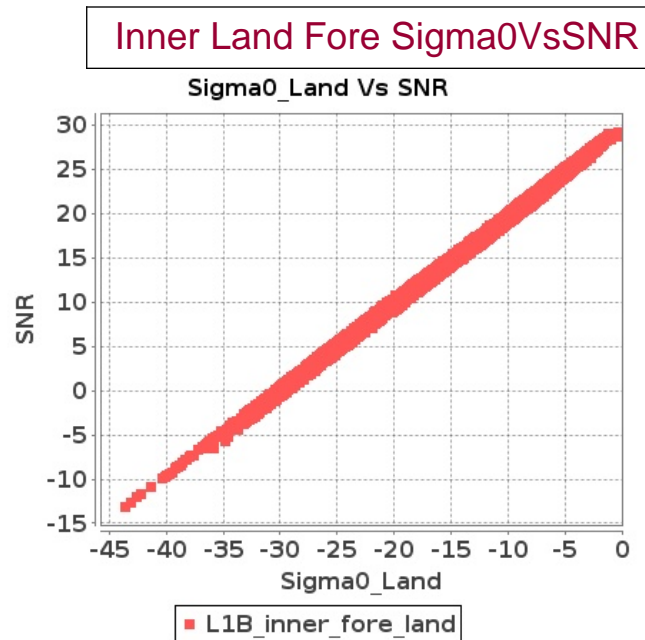
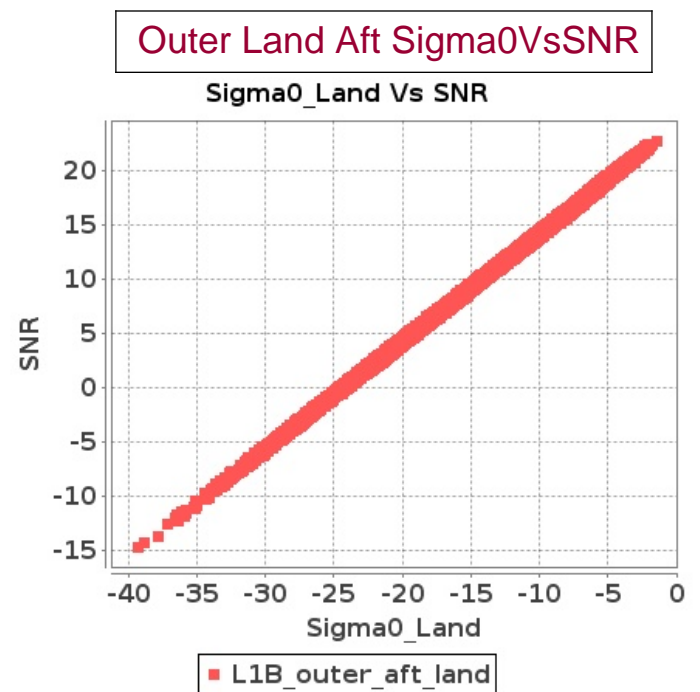
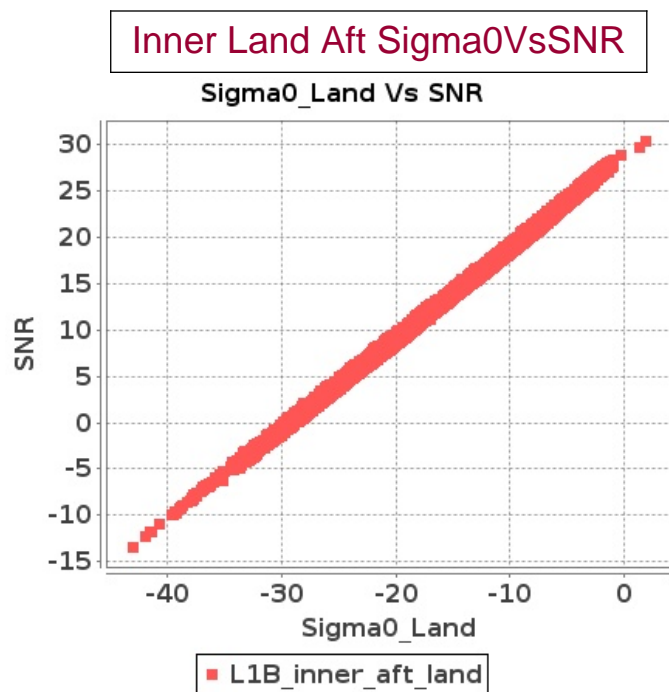
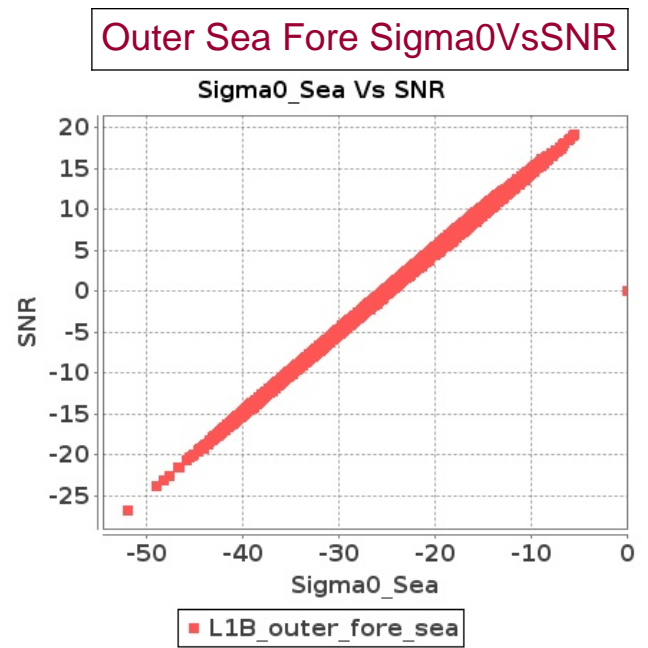
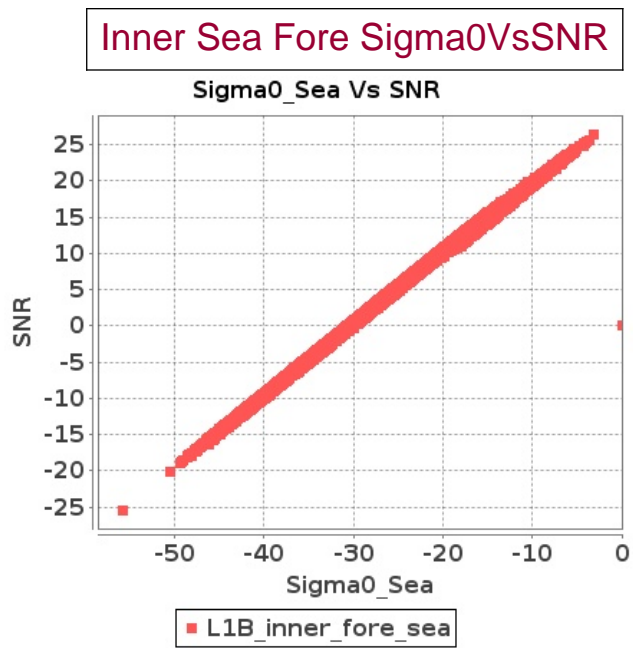
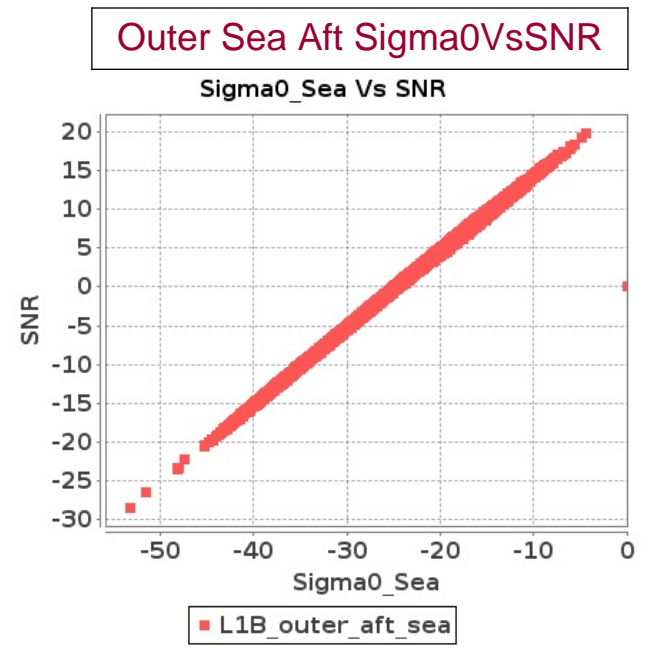
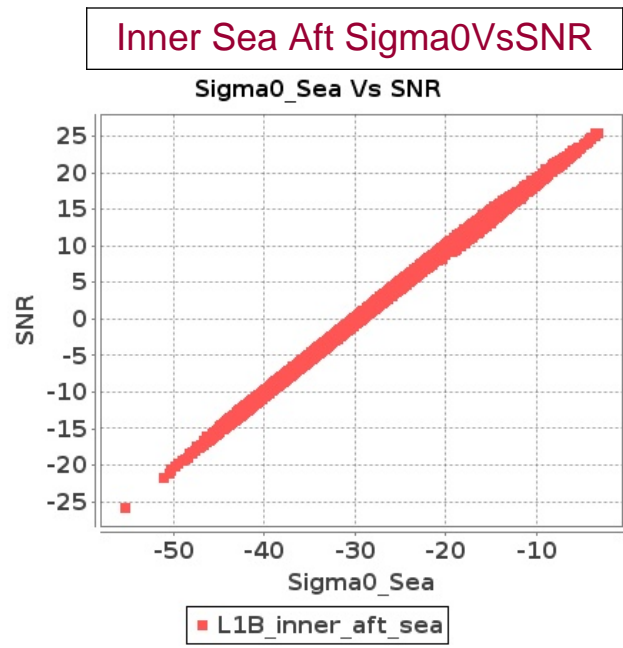
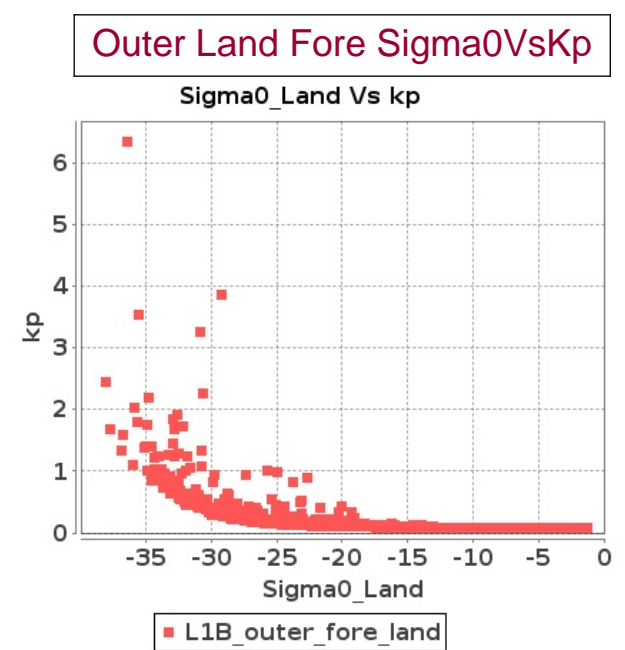
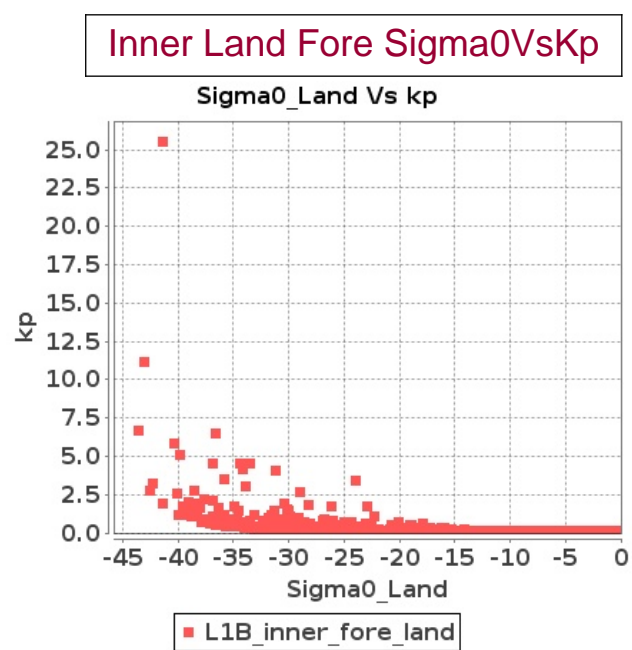
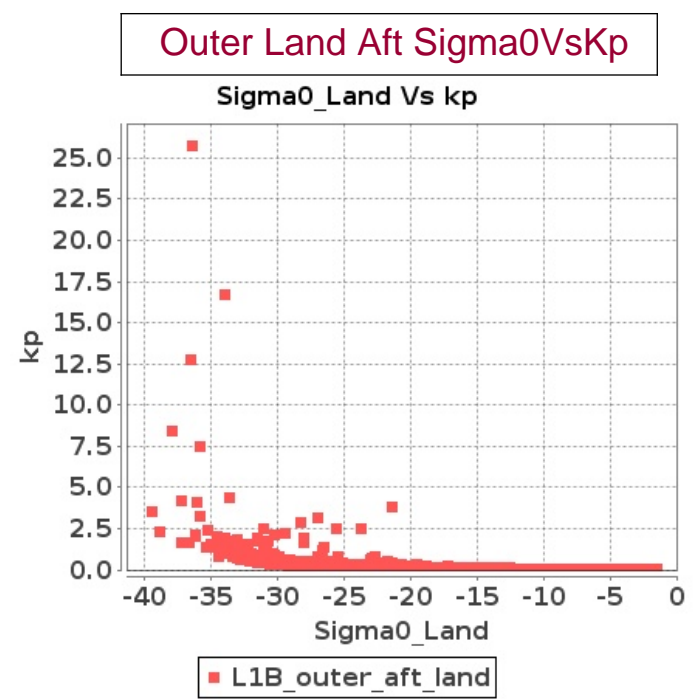
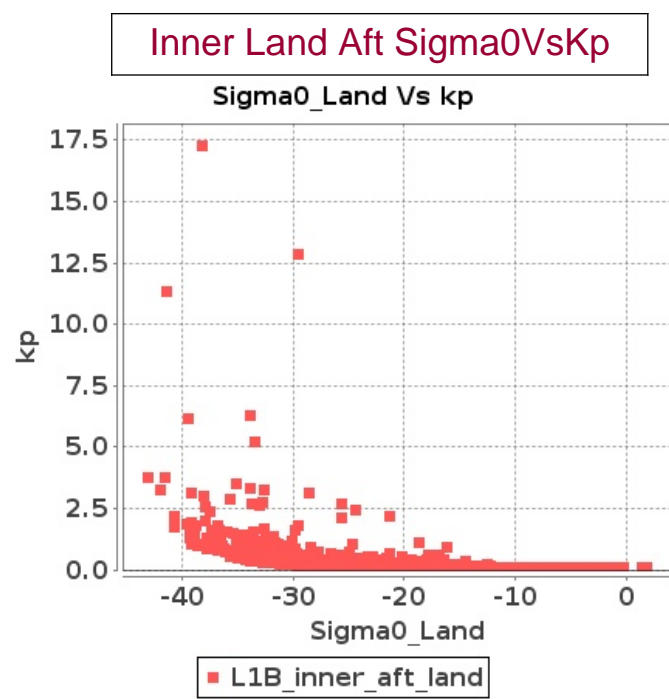
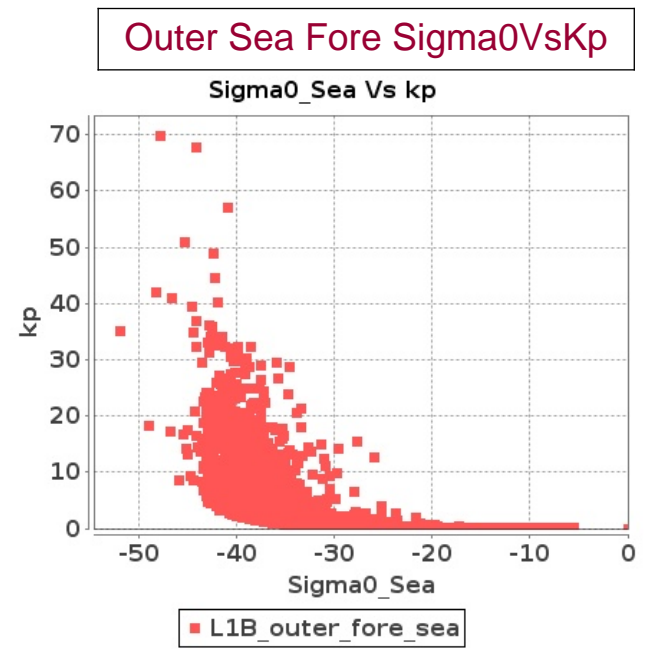
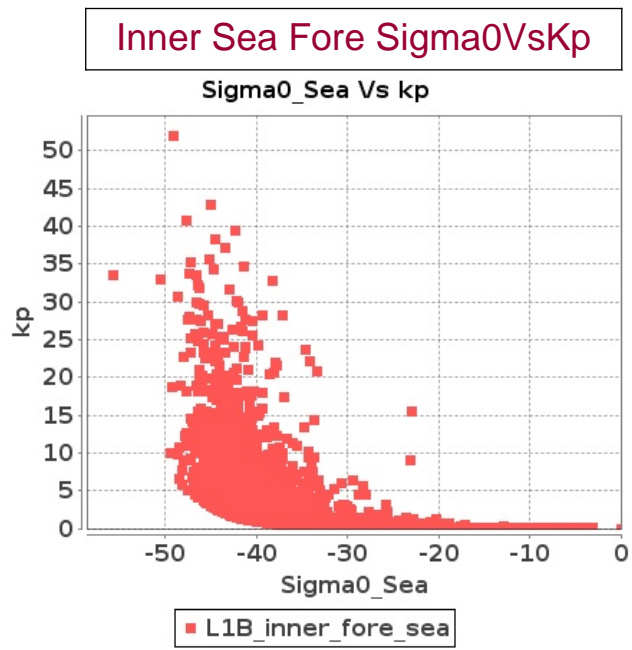
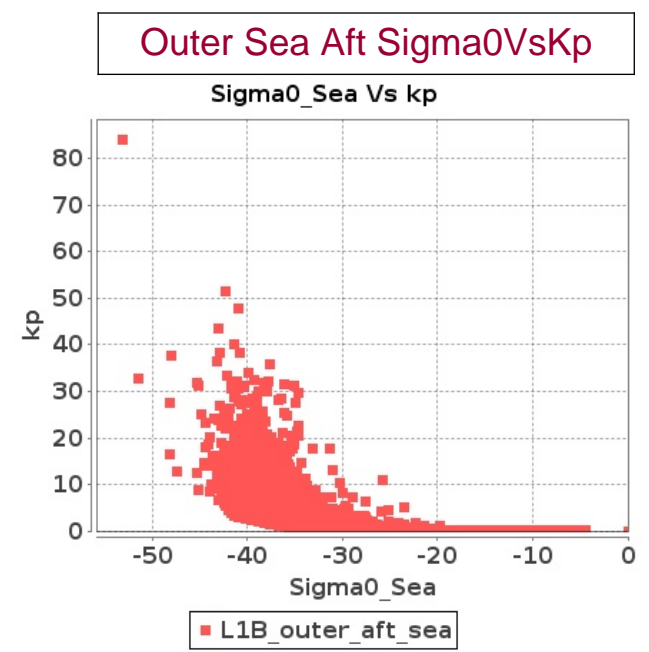
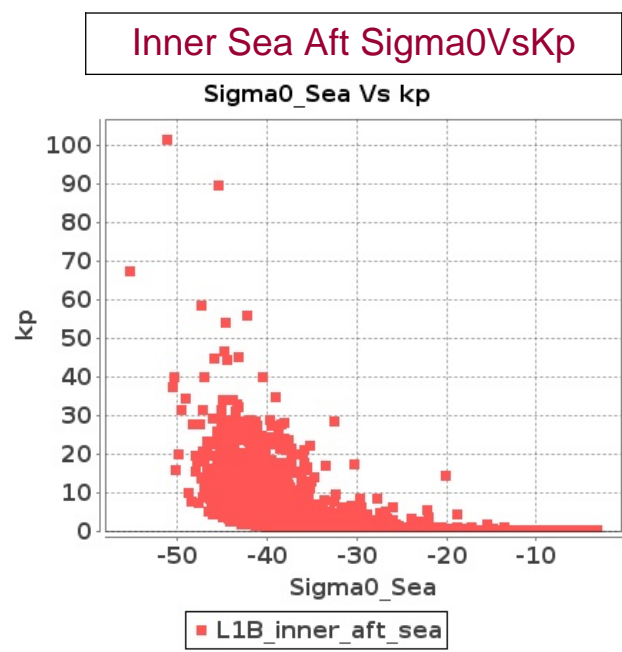


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 22-SEP-2019 To 23-SEP-2019





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

Report between 22-SEP-2019 To 23-SEP-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 | 15816 | 15817 | SN | 1 | 48.746 | 49.475 | 0.0 | 0.0 | 92.983 | 2.739 | 1029.32 | 1083.92 | 0.0 | -91.77 | -89.978 | 0.0 |
| 2 | 15817 | 15818 | SN | 1 | 48.527 | 49.462 | 0.0 | 0.0 | 232.645 | 1.815 | 1026.336 | 1083.92 | 0.0 | -94.12 | -89.952 | 0.0 |
| 3 | 15817 | 15818 | NS | 1 | 48.707 | 49.35 | 0.0 | 0.0 | 45.912 | 1.661 | 1038.104 | 1079.8 | 0.0 | -91.733 | -90.037 | 0.0 |
| 4 | 15817 | 15818 | SN | 1 | 48.527 | 49.462 | 0.0 | 0.0 | 232.645 | 2.4 | 1026.336 | 1083.92 | 0.0 | -94.12 | -89.952 | 0.0 |
| 5 | 15817 | 15818 | NS | 1 | 48.707 | 49.35 | 0.0 | 0.0 | 45.912 | 1.659 | 1037.84 | 1079.8 | 0.0 | -91.724 | -90.037 | 0.0 |
| 6 | 15818 | 15819 | SN | 3 | 48.71 | 49.447 | 0.0 | 0.003 | 281.612 | 1.573 | 1029.0 | 1084.072 | 0.0 | -94.985 | -89.986 | 0.0 |
| 7 | 15818 | 15819 | NS | 1 | 48.594 | 49.35 | 0.0 | 0.003 | 264.527 | 1.487 | 1037.376 | 1080.064 | 0.0 | -93.325 | -89.986 | 0.0 |
| 8 | 15818 | 15819 | NS | 1 | 48.594 | 49.35 | 0.0 | 0.003 | 264.527 | 1.485 | 1037.376 | 1080.064 | 0.0 | -93.325 | -89.986 | 0.0 |
| 9 | 15818 | 15819 | SN | 1 | 48.711 | 49.446 | 0.0 | 0.003 | 215.416 | 1.573 | 1029.0 | 1084.056 | 0.0 | -94.985 | -89.986 | 0.0 |
| 10 | 15818 | 15819 | SN | 2 | 48.71 | 49.447 | 0.0 | 0.003 | 281.612 | 1.573 | 1029.0 | 1084.072 | 0.0 | -94.985 | -89.986 | 0.0 |
| 11 | 15819 | 15820 | SN | 1 | 48.719 | 49.497 | 0.0 | 0.003 | 282.622 | 2.305 | 1028.848 | 1084.024 | 0.0 | -91.808 | -89.983 | 0.0 |
| 12 | 15819 | 15820 | NS | 1 | 48.676 | 49.352 | 0.0 | 0.003 | 210.557 | 2.598 | 1037.496 | 1083.96 | 0.0 | -91.608 | -90.035 | 0.0 |
| 13 | 15819 | 15820 | SN | 1 | 48.719 | 49.497 | 0.0 | 0.003 | 282.622 | 2.505 | 1028.896 | 1084.024 | 0.0 | -91.808 | -89.983 | 0.0 |
| 14 | 15819 | 15820 | SN | 1 | 48.719 | 49.497 | 0.0 | 0.003 | 282.622 | 2.507 | 1028.848 | 1084.024 | 0.0 | -91.808 | -89.983 | 0.0 |
| 15 | 15820 | 15821 | NS | 1 | 48.707 | 49.353 | 0.0 | 0.003 | 264.268 | 2.595 | 1038.504 | 1083.808 | 0.0 | -91.609 | -90.042 | 0.0 |
| 16 | 15820 | 15821 | NS | 2 | 48.708 | 49.353 | 0.0 | 0.003 | 264.268 | 2.594 | 1038.504 | 1083.808 | 0.0 | -91.672 | -90.042 | 0.0 |
| 17 | 15820 | 15821 | SN | 1 | 48.717 | 49.446 | 0.0 | 0.003 | 281.844 | 2.515 | 1029.08 | 1083.848 | 0.0 | -91.698 | -89.984 | 0.0 |
| 18 | 15820 | 15821 | SN | 1 | 48.717 | 49.446 | 0.0 | 0.003 | 281.844 | 2.155 | 1029.08 | 1083.848 | 0.0 | -91.698 | -89.984 | 0.0 |
| 19 | 15821 | 15822 | NS | 1 | 48.645 | 49.354 | 0.0 | 0.0 | 206.928 | 2.738 | 1038.496 | 1083.736 | 0.0 | -91.78 | -90.041 | 0.0 |
| 20 | 15821 | 15822 | SN | 1 | 48.729 | 49.446 | 0.0 | 0.003 | 215.868 | 1.972 | 1029.136 | 1083.752 | 0.0 | -91.686 | -89.981 | 0.0 |
| 21 | 15821 | 15822 | SN | 2 | 48.729 | 49.446 | 0.0 | 0.003 | 215.868 | 2.54 | 1029.136 | 1083.752 | 0.0 | -91.686 | -89.981 | 0.0 |
| 22 | 15821 | 15822 | NS | 2 | 48.645 | 49.354 | 0.0 | 0.0 | 206.928 | 2.738 | 1038.496 | 1083.736 | 0.0 | -91.78 | -90.041 | 0.0 |
| 23 | 15821 | 15822 | SN | 1 | 48.729 | 49.444 | 0.0 | 0.003 | 281.844 | 2.54 | 1029.136 | 1083.736 | 0.0 | -91.686 | -89.981 | 0.0 |
| 24 | 15822 | 15823 | NS | 1 | 48.654 | 49.357 | 0.0 | 0.003 | 267.141 | 2.554 | 1038.104 | 1083.632 | 0.0 | -91.798 | -90.052 | 0.0 |
| 25 | 15822 | 15823 | SN | 2 | 48.739 | 49.446 | 0.0 | 0.003 | 215.664 | 2.611 | 1029.176 | 1083.68 | 0.0 | -91.514 | -89.982 | 0.0 |
| 26 | 15822 | 15823 | SN | 1 | 48.739 | 49.446 | 0.0 | 0.003 | 215.664 | 1.766 | 1029.176 | 1083.68 | 0.0 | -91.514 | -89.982 | 0.0 |
| 27 | 15822 | 15823 | SN | 1 | 48.739 | 49.446 | 0.0 | 0.003 | 215.664 | 2.611 | 1029.176 | 1083.68 | 0.0 | -91.514 | -89.982 | 0.0 |
| 28 | 15822 | 15823 | NS | 1 | 48.685 | 49.354 | 0.0 | 0.003 | 267.141 | 2.552 | 1038.208 | 1083.632 | 0.0 | -91.815 | -90.052 | 0.0 |
| 29 | 15823 | 15824 | NS | 1 | 48.655 | 49.394 | 0.0 | 0.008 | 207.441 | 2.627 | 1037.824 | 1083.752 | 0.0 | -91.681 | -90.054 | 0.0 |
| 30 | 15823 | 15824 | SN | 1 | 48.726 | 49.448 | 0.0 | 0.003 | 215.62 | 1.588 | 1029.904 | 1083.8 | 0.0 | -91.661 | -89.97 | 0.0 |
| 31 | 15823 | 15824 | SN | 1 | 48.726 | 49.448 | 0.0 | 0.003 | 215.62 | 2.68 | 1029.656 | 1083.8 | 0.0 | -91.661 | -89.97 | 0.0 |
| 32 | 15823 | 15824 | SN | 1 | 48.726 | 49.448 | 0.0 | 0.003 | 215.62 | 2.682 | 1029.904 | 1083.8 | 0.0 | -91.661 | -89.97 | 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 | 15824 | 15825 | NS | 1 | 48.668 | 49.399 | 0.0 | 0.003 | 13.286 | 2.603 | 1038.24 | 1083.784 | 0.0 | -91.834 | -90.042 | 0.0 |
| 34 | 15824 | 15825 | NS | 2 | 48.668 | 49.399 | 0.0 | 0.003 | 13.286 | 2.603 | 1038.24 | 1083.784 | 0.0 | -91.834 | -90.042 | 0.0 |
| 35 | 15824 | 15825 | SN | 1 | 48.733 | 49.49 | 0.0 | 0.003 | 281.243 | 2.573 | 1029.464 | 1083.848 | 0.0 | -91.795 | -89.924 | 0.0 |
| 36 | 15825 | 15826 | SN | 1 | 48.753 | 49.449 | 0.0 | 0.003 | 6.568 | 2.532 | 1030.016 | 1083.72 | 0.0 | -92.096 | -89.97 | 0.0 |
| 37 | 15825 | 15826 | NS | 1 | 48.701 | 49.354 | 0.0 | 0.0 | 264.257 | 2.798 | 1037.328 | 1083.68 | 0.0 | -91.913 | -90.029 | 0.0 |
| 38 | 15826 | 15827 | SN | 1 | 48.773 | 49.448 | 0.0 | 0.003 | 216.023 | 2.607 | 1030.136 | 1083.776 | 0.0 | -91.658 | -89.958 | 0.0 |
| 39 | 15826 | 15827 | SN | 2 | 48.756 | 49.449 | 0.0 | 0.003 | 216.023 | 2.608 | 1030.12 | 1083.792 | 0.0 | -91.658 | -89.957 | 0.0 |
| 40 | 15826 | 15827 | NS | 1 | 48.708 | 49.354 | 0.0 | 0.003 | 42.024 | 2.61 | 1038.432 | 1083.584 | 0.0 | -92.147 | -90.04 | 0.0 |
| 41 | 15826 | 15827 | NS | 1 | 48.708 | 49.354 | 0.0 | 0.003 | 42.024 | 2.608 | 1038.432 | 1083.584 | 0.0 | -91.618 | -90.04 | 0.0 |
| 42 | 15827 | 15828 | NS | 1 | 48.707 | 49.388 | 0.0 | 0.003 | 206.901 | 2.456 | 1038.312 | 1083.376 | 0.0 | -91.761 | -90.056 | 0.0 |
| 43 | 15827 | 15828 | NS | 1 | 48.707 | 49.388 | 0.0 | 0.003 | 206.901 | 2.639 | 1038.312 | 1083.64 | 0.0 | -91.761 | -90.056 | 0.0 |
| 44 | 15827 | 15828 | NS | 1 | 48.708 | 49.387 | 0.0 | 0.003 | 264.406 | 2.637 | 1038.336 | 1083.64 | 0.0 | -91.762 | -90.056 | 0.0 |
| 45 | 15827 | 15828 | SN | 1 | 48.755 | 49.45 | 0.0 | 0.003 | 6.541 | 2.607 | 1030.184 | 1083.72 | 0.0 | -91.686 | -89.957 | 0.0 |
| 46 | 15827 | 15828 | SN | 2 | 48.755 | 49.45 | 0.0 | 0.003 | 6.541 | 2.607 | 1030.184 | 1083.72 | 0.0 | -91.686 | -89.957 | 0.0 |
| 47 | 15828 | 15829 | NS | 2 | 48.695 | 49.354 | 0.0 | 0.003 | 264.207 | 2.568 | 1037.456 | 1083.64 | 0.0 | -91.817 | -90.053 | 0.0 |
| 48 | 15828 | 15829 | NS | 1 | 48.695 | 49.354 | 0.0 | 0.003 | 264.207 | 1.942 | 1037.456 | 1082.536 | 0.0 | -91.801 | -90.053 | 0.0 |
| 49 | 15828 | 15829 | SN | 1 | 48.724 | 49.45 | 0.0 | 0.003 | 31.943 | 2.574 | 1030.192 | 1083.712 | 0.0 | -91.57 | -89.971 | 0.0 |
| 50 | 15828 | 15829 | SN | 1 | 48.724 | 49.45 | 0.0 | 0.003 | 31.943 | 2.571 | 1030.192 | 1083.712 | 0.0 | -91.626 | -89.971 | 0.0 |
| 51 | 15828 | 15829 | NS | 1 | 48.695 | 49.354 | 0.0 | 0.003 | 264.207 | 2.568 | 1037.456 | 1083.64 | 0.0 | -91.817 | -90.053 | 0.0 |
| 52 | 15829 | 15830 | NS | 1 | 48.639 | 49.39 | 0.0 | 0.003 | 267.147 | 2.628 | 1037.888 | 1083.72 | 0.0 | -91.806 | -90.052 | 0.0 |
| 53 | 15829 | 15830 | NS | 1 | 48.639 | 49.39 | 0.0 | 0.003 | 267.147 | 1.545 | 1037.888 | 1080.928 | 0.0 | -91.697 | -90.052 | 0.0 |
| 54 | 15829 | 15830 | SN | 1 | 48.723 | 49.462 | 0.0 | 0.003 | 6.552 | 2.561 | 1029.512 | 1083.792 | 0.0 | -91.613 | -89.985 | 0.0 |
| 55 | 15829 | 15830 | SN | 1 | 48.723 | 49.45 | 0.0 | 0.003 | 28.24 | 2.56 | 1029.544 | 1083.784 | 0.0 | -91.667 | -89.985 | 0.0 |
| 56 | 15829 | 15830 | NS | 2 | 48.639 | 49.39 | 0.0 | 0.003 | 267.147 | 2.628 | 1037.888 | 1083.72 | 0.0 | -91.806 | -90.052 | 0.0 |
| 57 | 15830 | 15831 | NS | 1 | 48.652 | 49.417 | 0.0 | 0.003 | 13.109 | 1.517 | 1037.192 | 1078.64 | 0.0 | -91.789 | -90.052 | 0.0 |
| 58 | 15830 | 15831 | NS | 2 | 48.652 | 49.417 | 0.0 | 0.003 | 13.109 | 2.528 | 1037.192 | 1083.688 | 0.0 | -91.789 | -90.052 | 0.0 |
| 59 | 15830 | 15831 | NS | 1 | 48.641 | 49.417 | 0.0 | 0.003 | 13.109 | 2.528 | 1037.2 | 1083.688 | 0.0 | -91.789 | -90.052 | 0.0 |
| 60 | 15830 | 15831 | SN | 1 | 48.753 | 49.452 | 0.0 | 0.003 | 279.131 | 1.696 | 1029.632 | 1083.824 | 0.0 | -91.691 | -89.99 | 0.0 |
| 61 | 15830 | 15831 | SN | 1 | 48.756 | 49.452 | 0.0 | 0.0 | 279.131 | 2.778 | 1029.632 | 1083.824 | 0.0 | -91.691 | -89.99 | 0.0 |
| 62 | 15831 | 15832 | SN | 1 | 48.715 | 49.444 | 0.0 | 0.003 | 6.541 | 2.736 | 1029.52 | 1083.528 | 0.0 | -91.597 | -89.95 | 0.0 |
| 63 | 15831 | 15832 | NS | 1 | 48.696 | 49.352 | 0.0 | 0.003 | 264.268 | 2.698 | 1037.256 | 1083.44 | 0.0 | -91.841 | -90.032 | 0.0 |
| 64 | 15831 | 15832 | SN | 1 | 48.715 | 49.444 | 0.0 | 0.003 | 6.541 | 2.441 | 1029.52 | 1083.528 | 0.0 | -91.575 | -89.95 | 0.0 |
| 65 | 15832 | 15833 | SN | 2 | 48.719 | 49.444 | 0.0 | 0.003 | 6.557 | 2.412 | 1029.576 | 1083.696 | 0.0 | -91.778 | -89.959 | 0.0 |
| 66 | 15832 | 15833 | NS | 1 | 48.707 | 49.356 | 0.0 | 0.003 | 13.495 | 2.498 | 1037.808 | 1083.624 | 0.0 | -91.609 | -90.004 | 0.0 |
| 67 | 15832 | 15833 | NS | 1 | 48.707 | 49.356 | 0.0 | 0.003 | 13.495 | 2.495 | 1037.616 | 1083.624 | 0.0 | -91.61 | -90.004 | 0.0 |
| 68 | 15832 | 15833 | SN | 1 | 48.718 | 49.444 | 0.0 | 0.003 | 6.557 | 2.413 | 1029.584 | 1083.696 | 0.0 | -91.778 | -89.959 | 0.0 |
| 69 | 15832 | 15833 | SN | 1 | 48.719 | 49.444 | 0.0 | 0.003 | 31.493 | 2.535 | 1029.576 | 1083.696 | 0.0 | -91.778 | -89.959 | 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 | 15833 | 15834 | SN | 1 | 48.715 | 49.446 | 0.0 | 0.003 | 27.903 | 2.338 | 1029.712 | 1083.744 | 0.0 | -91.796 | -89.985 | 0.0 |
| 71 | 15833 | 15834 | SN | 1 | 48.721 | 49.446 | 0.0 | 0.003 | 27.903 | 2.485 | 1029.712 | 1083.744 | 0.0 | -91.796 | -89.985 | 0.0 |
| 72 | 15833 | 15834 | NS | 1 | 48.711 | 49.352 | 0.0 | 0.003 | 266.76 | 2.521 | 1037.744 | 1083.688 | 0.0 | -91.877 | -90.004 | 0.0 |
| 73 | 15833 | 15834 | SN | 1 | 48.715 | 49.446 | 0.0 | 0.003 | 27.903 | 2.487 | 1029.712 | 1083.744 | 0.0 | -91.796 | -89.985 | 0.0 |
| 74 | 15834 | 15835 | NS | 1 | 48.705 | 49.354 | 0.0 | 0.0 | 264.202 | 2.758 | 1038.048 | 1083.56 | 0.0 | -91.737 | -90.035 | 0.0 |
| 75 | 15834 | 15835 | SN | 1 | 48.708 | 49.444 | 0.0 | 0.003 | 215.592 | 2.251 | 1028.712 | 1083.64 | 0.0 | -91.615 | -89.957 | 0.0 |
| 76 | 15834 | 15835 | SN | 1 | 48.709 | 49.443 | 0.0 | 0.003 | 29.822 | 2.519 | 1028.72 | 1083.616 | 0.0 | -91.659 | -89.957 | 0.0 |
| 77 | 15834 | 15835 | SN | 1 | 48.708 | 49.444 | 0.0 | 0.003 | 215.592 | 2.52 | 1028.712 | 1083.64 | 0.0 | -91.643 | -89.957 | 0.0 |
| 78 | 15834 | 15835 | NS | 2 | 48.705 | 49.354 | 0.0 | 0.0 | 264.202 | 2.757 | 1038.048 | 1083.56 | 0.0 | -91.737 | -90.035 | 0.0 |
| 79 | 15835 | 15836 | SN | 1 | 48.732 | 49.444 | 0.0 | 0.003 | 282.638 | 2.528 | 1029.056 | 1083.552 | 0.0 | -91.666 | -89.981 | 0.0 |
| 80 | 15835 | 15836 | SN | 1 | 48.732 | 49.444 | 0.0 | 0.003 | 282.638 | 2.08 | 1029.08 | 1083.552 | 0.0 | -91.738 | -89.981 | 0.0 |
| 81 | 15835 | 15836 | SN | 1 | 48.732 | 49.444 | 0.0 | 0.003 | 282.638 | 2.531 | 1029.08 | 1083.552 | 0.0 | -91.994 | -89.981 | 0.0 |
| 82 | 15835 | 15836 | NS | 1 | 48.654 | 49.364 | 0.0 | 0.003 | 14.698 | 2.602 | 1038.704 | 1083.456 | 0.0 | -91.845 | -90.046 | 0.0 |
| 83 | 15835 | 15836 | NS | 1 | 48.654 | 49.364 | 0.0 | 0.003 | 14.698 | 2.605 | 1038.704 | 1083.456 | 0.0 | -91.884 | -90.046 | 0.0 |
| 84 | 15836 | 15837 | NS | 1 | 48.684 | 49.391 | 0.0 | 0.0 | 53.661 | 2.698 | 1038.72 | 1083.272 | 0.0 | -91.884 | -90.052 | 0.0 |
| 85 | 15836 | 15837 | SN | 1 | 48.741 | 49.479 | 0.0 | 0.003 | 6.535 | 2.575 | 1029.128 | 1083.4 | 0.0 | -91.722 | -89.981 | 0.0 |
| 86 | 15836 | 15837 | SN | 2 | 48.741 | 49.479 | 0.0 | 0.003 | 6.535 | 2.575 | 1029.128 | 1083.4 | 0.0 | -91.722 | -89.981 | 0.0 |
| 87 | 15836 | 15837 | SN | 1 | 48.725 | 49.479 | 0.0 | 0.003 | 6.535 | 1.872 | 1029.128 | 1083.4 | 0.0 | -91.722 | -89.981 | 0.0 |
| 88 | 15836 | 15837 | NS | 1 | 48.695 | 49.363 | 0.0 | 0.0 | 53.661 | 2.698 | 1038.672 | 1083.32 | 0.0 | -91.643 | -90.052 | 0.0 |
| 89 | 15837 | 15838 | SN | 1 | 48.739 | 49.446 | 0.0 | 0.003 | 6.541 | 1.657 | 1029.088 | 1083.424 | 0.0 | -91.684 | -89.976 | 0.0 |
| 90 | 15837 | 15838 | NS | 1 | 48.652 | 49.372 | 0.0 | 0.0 | 264.411 | 2.672 | 1037.904 | 1083.336 | 0.0 | -91.703 | -90.056 | 0.0 |
| 91 | 15837 | 15838 | NS | 1 | 48.707 | 49.372 | 0.0 | 0.0 | 264.411 | 2.669 | 1037.928 | 1083.336 | 0.0 | -91.703 | -90.056 | 0.0 |
| 92 | 15837 | 15838 | SN | 1 | 48.738 | 49.443 | 0.0 | 0.003 | 6.541 | 2.655 | 1029.08 | 1083.36 | 0.0 | -91.684 | -89.976 | 0.0 |
| 93 | 15837 | 15838 | SN | 2 | 48.739 | 49.446 | 0.0 | 0.003 | 6.541 | 2.654 | 1029.088 | 1083.424 | 0.0 | -91.684 | -89.976 | 0.0 |
| 94 | 15838 | 15839 | SN | 1 | 48.715 | 49.447 | 0.0 | 0.0 | 282.081 | 2.608 | 1029.592 | 1083.56 | 0.0 | -91.772 | -89.95 | 0.0 |
| 95 | 15838 | 15839 | SN | 1 | 48.72 | 49.447 | 0.0 | 0.0 | 282.081 | 2.605 | 1029.72 | 1083.56 | 0.0 | -91.772 | -89.95 | 0.0 |
| 96 | 15838 | 15839 | SN | 1 | 48.715 | 49.447 | 0.0 | 0.0 | 282.081 | 1.558 | 1029.592 | 1083.56 | 0.0 | -91.772 | -89.95 | 0.0 |
| 97 | 15838 | 15839 | NS | 2 | 48.649 | 49.387 | 0.0 | 0.0 | 42.937 | 2.738 | 1037.624 | 1083.456 | 0.0 | -91.944 | -90.056 | 0.0 |
| 98 | 15838 | 15839 | NS | 1 | 48.664 | 49.384 | 0.0 | 0.0 | 266.76 | 2.74 | 1037.704 | 1083.384 | 0.0 | -91.943 | -90.056 | 0.0 |
| 99 | 15839 | 15840 | SN | 1 | 48.716 | 49.447 | 0.0 | 0.003 | 215.444 | 2.538 | 1030.232 | 1083.52 | 0.0 | -91.554 | -89.932 | 0.0 |
| 100 | 15839 | 15840 | SN | 2 | 48.716 | 49.447 | 0.0 | 0.003 | 215.444 | 2.538 | 1030.232 | 1083.52 | 0.0 | -91.554 | -89.932 | 0.0 |
| 101 | 15839 | 15840 | NS | 1 | 48.663 | 49.358 | 0.0 | 0.003 | 12.028 | 2.631 | 1037.504 | 1083.432 | 0.0 | -91.831 | -90.051 | 0.0 |
| 102 | 15839 | 15840 | NS | 1 | 48.663 | 49.358 | 0.0 | 0.003 | 12.028 | 2.628 | 1037.504 | 1083.432 | 0.0 | -91.831 | -90.051 | 0.0 |
| 103 | 15840 | 15841 | NS | 1 | 48.696 | 49.358 | 0.0 | 0.003 | 42.882 | 2.684 | 1037.944 | 1083.272 | 0.0 | -91.643 | -90.029 | 0.0 |
| 104 | 15840 | 15841 | NS | 1 | 48.696 | 49.358 | 0.0 | 0.003 | 42.882 | 2.687 | 1038.192 | 1083.272 | 0.0 | -91.614 | -90.029 | 0.0 |
| 105 | 15840 | 15841 | SN | 1 | 48.726 | 49.448 | 0.0 | 0.003 | 6.552 | 2.562 | 1029.248 | 1083.48 | 0.0 | -91.584 | -89.968 | 0.0 |
| 106 | 15841 | 15842 | SN | 1 | 48.719 | 49.479 | 0.0 | 0.003 | 6.541 | 2.621 | 1030.056 | 1083.432 | 0.0 | -91.773 | -89.962 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 15841 | 15842 | NS | 1 | 48.674 | 49.381 | 0.0 | 0.003 | 210.557 | 2.528 | 1037.632 | 1083.344 | 0.0 | -91.628 | -90.058 | 0.0 |
| 108 | 15841 | 15842 | NS | 1 | 48.674 | 49.381 | 0.0 | 0.003 | 210.557 | 2.576 | 1037.632 | 1083.344 | 0.0 | -91.628 | -90.058 | 0.0 |
| 109 | 15841 | 15842 | NS | 1 | 48.674 | 49.381 | 0.0 | 0.003 | 210.557 | 2.573 | 1037.632 | 1083.344 | 0.0 | -91.69 | -90.058 | 0.0 |
| 110 | 15841 | 15842 | SN | 1 | 48.719 | 49.479 | 0.0 | 0.003 | 6.541 | 2.624 | 1030.056 | 1083.432 | 0.0 | -91.773 | -89.962 | 0.0 |
| 111 | 15842 | 15843 | SN | 1 | 48.721 | 49.45 | 0.0 | 0.003 | 29.503 | 2.571 | 1030.088 | 1083.488 | 0.0 | -92.443 | -89.962 | 0.0 |
| 112 | 15842 | 15843 | NS | 2 | 48.658 | 49.385 | 0.0 | 0.003 | 209.884 | 2.562 | 1038.032 | 1083.384 | 0.0 | -91.817 | -90.057 | 0.0 |
| 113 | 15842 | 15843 | NS | 1 | 48.658 | 49.385 | 0.0 | 0.003 | 209.884 | 2.562 | 1038.032 | 1083.384 | 0.0 | -91.817 | -90.057 | 0.0 |
| 114 | 15842 | 15843 | NS | 1 | 48.658 | 49.385 | 0.0 | 0.003 | 209.884 | 2.187 | 1038.032 | 1082.864 | 0.0 | -91.73 | -90.057 | 0.0 |
| 115 | 15842 | 15843 | SN | 1 | 48.721 | 49.45 | 0.0 | 0.003 | 29.503 | 2.574 | 1030.088 | 1083.488 | 0.0 | -91.616 | -89.962 | 0.0 |
| 116 | 15843 | 15844 | NS | 1 | 48.65 | 49.412 | 0.0 | 0.0 | 206.901 | 1.836 | 1037.264 | 1081.592 | 0.0 | -91.76 | -90.054 | 0.0 |
| 117 | 15843 | 15844 | NS | 1 | 48.65 | 49.412 | 0.0 | 0.0 | 206.901 | 2.742 | 1037.264 | 1083.424 | 0.0 | -91.76 | -90.054 | 0.0 |
| 118 | 15843 | 15844 | NS | 2 | 48.65 | 49.412 | 0.0 | 0.0 | 206.901 | 2.741 | 1037.264 | 1083.456 | 0.0 | -91.76 | -90.054 | 0.0 |
| 119 | 15843 | 15844 | SN | 1 | 48.737 | 49.451 | 0.0 | 0.003 | 281.828 | 2.576 | 1029.776 | 1083.536 | 0.0 | -91.61 | -89.983 | 0.0 |
| 120 | 15843 | 15844 | SN | 1 | 48.74 | 49.451 | 0.0 | 0.003 | 281.828 | 2.574 | 1029.8 | 1083.536 | 0.0 | -91.61 | -89.983 | 0.0 |
| 121 | 15844 | 15845 | NS | 1 | 48.647 | 49.4 | 0.0 | 0.003 | 13.131 | 2.561 | 1037.136 | 1083.536 | 0.0 | -92.078 | -90.054 | 0.0 |
| 122 | 15844 | 15845 | NS | 1 | 48.647 | 49.4 | 0.0 | 0.003 | 13.131 | 1.499 | 1037.136 | 1079.824 | 0.0 | -92.078 | -90.054 | 0.0 |
| 123 | 15844 | 15845 | SN | 1 | 48.723 | 49.45 | 0.0 | 0.003 | 28.94 | 2.65 | 1029.152 | 1083.568 | 0.0 | -92.035 | -89.988 | 0.0 |
| 124 | 15844 | 15845 | SN | 2 | 48.729 | 49.452 | 0.0 | 0.003 | 6.541 | 2.648 | 1029.152 | 1083.616 | 0.0 | -92.035 | -89.987 | 0.0 |
| 125 | 15844 | 15845 | SN | 1 | 48.729 | 49.452 | 0.0 | 0.003 | 6.541 | 1.531 | 1029.152 | 1083.616 | 0.0 | -92.035 | -89.987 | 0.0 |
| 126 | 15844 | 15845 | NS | 2 | 48.647 | 49.4 | 0.0 | 0.003 | 13.131 | 2.558 | 1037.136 | 1083.496 | 0.0 | -92.078 | -90.054 | 0.0 |
| 127 | 15845 | 15846 | NS | 1 | 48.659 | 49.362 | 0.0 | 0.003 | 264.522 | 2.683 | 1037.704 | 1083.24 | 0.0 | -91.775 | -90.045 | 0.0 |
| 128 | 15845 | 15846 | NS | 1 | 48.662 | 49.359 | 0.0 | 0.003 | 267.047 | 2.677 | 1037.472 | 1083.184 | 0.0 | -91.775 | -90.046 | 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 | 15816 | 15817 | SN | 1 | -33.512 | 25.325 | 0.673 | -33.599 | 25.476 | 3.403 | -25.98 | 28.364 | 7.827 | -29.377 | 30.06 | 7.41 | 0.116 | 217.64 | 3.752 | 0.116 | 222.043 | 2.592 | 0.116 | 38.495 | 0.056 | 0.116 | 84.035 | 0.039 |
| 2 | 15817 | 15818 | SN | 1 | -27.963 | 27.184 | 0.077 | -30.442 | 27.925 | 0.089 | -30.375 | 30.824 | 10.555 | -34.894 | 30.24 | 5.908 | 0.116 | 77.955 | 0.762 | 0.116 | 137.84 | 0.465 | 0.116 | 135.744 | 0.112 | 0.116 | 383.978 | 0.974 |
| 3 | 15817 | 15818 | NS | 1 | -33.373 | 24.068 | 0.619 | -34.69 | 26.751 | 0.037 | -15.708 | 31.496 | 4.906 | -18.964 | 34.616 | 11.861 | 0.116 | 210.758 | 2.316 | 0.116 | 285.33 | 2.489 | 0.116 | 3.696 | 0.009 | 0.116 | 7.723 | 0.013 |
| 4 | 15817 | 15818 | SN | 1 | -27.963 | 27.184 | 0.082 | -30.442 | 27.925 | 0.09 | -30.375 | 28.688 | 23.137 | -34.894 | 28.71 | 14.628 | 0.116 | 77.955 | 0.81 | 0.116 | 137.84 | 0.469 | 0.116 | 135.744 | 0.253 | 0.116 | 383.978 | 2.635 |
| 5 | 15817 | 15818 | NS | 1 | -33.973 | 24.068 | 0.619 | -34.721 | 26.751 | 0.037 | -15.708 | 31.496 | 4.913 | -18.964 | 34.616 | 11.907 | 0.116 | 241.998 | 2.319 | 0.116 | 287.428 | 2.504 | 0.116 | 3.696 | 0.009 | 0.116 | 7.723 | 0.013 |
| 6 | 15818 | 15819 | SN | 3 | -18.342 | 23.278 | 0.006 | -18.175 | 25.08 | 0.012 | -34.27 | 28.071 | 12.817 | -10.368 | 29.062 | 5.775 | 0.116 | 6.704 | 0.091 | 0.116 | 6.456 | 0.074 | 0.116 | 332.663 | 0.133 | 0.116 | 1.146 | 0.004 |
| 7 | 15818 | 15819 | NS | 1 | -32.406 | 23.693 | 0.206 | -29.744 | 22.648 | 0.008 | -2.64 | 28.911 | 2.676 | -9.34 | 28.886 | 6.399 | 0.116 | 216.633 | 0.748 | 0.116 | 113.346 | 0.612 | 0.116 | 0.277 | 0.0 | 0.116 | 0.924 | 0.0 |
| 8 | 15818 | 15819 | NS | 1 | -32.406 | 23.693 | 0.206 | -29.744 | 22.648 | 0.008 | -2.64 | 28.911 | 2.687 | -9.34 | 28.886 | 6.465 | 0.116 | 216.633 | 0.748 | 0.116 | 113.346 | 0.612 | 0.116 | 0.277 | 0.0 | 0.116 | 0.924 | 0.0 |
| 9 | 15818 | 15819 | SN | 1 | -18.342 | 23.278 | 0.006 | -18.175 | 25.08 | 0.012 | -34.27 | 28.071 | 12.817 | -10.368 | 29.062 | 5.778 | 0.116 | 6.704 | 0.091 | 0.116 | 6.456 | 0.074 | 0.116 | 332.663 | 0.133 | 0.116 | 1.146 | 0.004 |
| 10 | 15818 | 15819 | SN | 2 | -18.342 | 23.278 | 0.006 | -18.175 | 25.08 | 0.012 | -34.27 | 28.071 | 12.817 | -10.368 | 29.062 | 5.775 | 0.116 | 6.704 | 0.091 | 0.116 | 6.456 | 0.074 | 0.116 | 332.663 | 0.133 | 0.116 | 1.146 | 0.004 |
| 11 | 15819 | 15820 | SN | 1 | -33.975 | 22.75 | 0.017 | -34.258 | 23.931 | 0.152 | 6.171 | 26.64 | 9.102 | 4.756 | 26.725 | 2.868 | 0.116 | 242.094 | 2.419 | 0.116 | 258.409 | 1.738 | 0.116 | 0.135 | 0.0 | 0.116 | 0.142 | 0.0 |
| 12 | 15819 | 15820 | NS | 1 | -33.834 | 23.798 | 0.032 | -34.17 | 24.59 | 0.022 | -6.977 | 29.987 | 7.281 | -7.484 | 28.996 | 13.608 | 0.116 | 234.404 | 1.249 | 0.116 | 253.211 | 1.065 | 0.116 | 0.577 | 0.0 | 0.116 | 0.636 | 0.0 |
| 13 | 15819 | 15820 | SN | 1 | -34.646 | 22.75 | 0.03 | -34.153 | 23.932 | 0.172 | 4.055 | 26.64 | 9.087 | 4.754 | 26.938 | 2.898 | 0.116 | 282.554 | 2.382 | 0.116 | 252.211 | 1.708 | 0.116 | 0.147 | 0.0 | 0.116 | 0.142 | 0.0 |
| 14 | 15819 | 15820 | SN | 1 | -33.975 | 22.75 | 0.03 | -34.586 | 23.932 | 0.173 | 4.069 | 26.64 | 9.087 | 4.756 | 26.943 | 2.898 | 0.116 | 242.094 | 2.379 | 0.116 | 278.664 | 1.709 | 0.116 | 0.147 | 0.0 | 0.116 | 0.142 | 0.0 |
| 15 | 15820 | 15821 | NS | 1 | -34.046 | 24.065 | 0.276 | -34.498 | 24.239 | 0.548 | -17.031 | 27.89 | 4.069 | -18.622 | 31.796 | 8.353 | 0.116 | 246.108 | 1.235 | 0.116 | 273.039 | 1.38 | 0.116 | 4.98 | 0.006 | 0.116 | 7.145 | 0.011 |
| 16 | 15820 | 15821 | NS | 2 | -34.174 | 24.065 | 0.276 | -34.482 | 24.239 | 0.548 | -17.042 | 27.89 | 4.069 | -18.646 | 31.796 | 8.353 | 0.116 | 253.478 | 1.235 | 0.116 | 272.044 | 1.38 | 0.116 | 4.993 | 0.006 | 0.116 | 7.184 | 0.011 |
| 17 | 15820 | 15821 | SN | 1 | -34.563 | 23.148 | 0.013 | -34.84 | 24.559 | 0.304 | 3.036 | 28.077 | 13.827 | 6.148 | 27.699 | 15.392 | 0.116 | 277.188 | 3.474 | 0.116 | 295.428 | 2.643 | 0.116 | 0.156 | 0.0 | 0.116 | 0.135 | 0.0 |
| 18 | 15820 | 15821 | SN | 1 | -34.718 | 23.148 | 0.013 | -34.84 | 24.127 | 0.108 | 6.833 | 28.077 | 13.935 | 6.122 | 27.699 | 15.919 | 0.116 | 287.236 | 3.578 | 0.116 | 295.428 | 2.698 | 0.116 | 0.132 | 0.0 | 0.116 | 0.135 | 0.0 |
| 19 | 15821 | 15822 | NS | 1 | -33.571 | 24.079 | 0.273 | -34.782 | 24.079 | 0.342 | -7.81 | 28.609 | 4.388 | -5.162 | 29.045 | 9.294 | 0.116 | 220.606 | 1.846 | 0.116 | 291.554 | 1.778 | 0.116 | 0.678 | 0.0 | 0.116 | 0.414 | 0.0 |
| 20 | 15821 | 15822 | SN | 1 | -34.916 | 21.528 | 0.0 | -34.861 | 22.16 | 0.001 | 5.74 | 27.31 | 13.803 | 8.792 | 27.811 | 14.9 | 0.116 | 300.625 | 6.433 | 0.116 | 296.837 | 5.787 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 21 | 15821 | 15822 | SN | 2 | -34.916 | 21.875 | 0.0 | -34.861 | 24.144 | 0.421 | 5.74 | 27.31 | 13.253 | 8.792 | 27.811 | 14.63 | 0.116 | 300.625 | 6.218 | 0.116 | 296.837 | 5.551 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 22 | 15821 | 15822 | NS | 2 | -33.571 | 24.079 | 0.273 | -34.782 | 24.079 | 0.342 | -7.81 | 28.609 | 4.388 | -5.162 | 29.045 | 9.294 | 0.116 | 220.606 | 1.846 | 0.116 | 291.554 | 1.778 | 0.116 | 0.678 | 0.0 | 0.116 | 0.414 | 0.0 |
| 23 | 15821 | 15822 | SN | 1 | -34.552 | 21.875 | 0.0 | -34.861 | 24.144 | 0.421 | 5.74 | 27.31 | 13.254 | 8.792 | 27.811 | 14.626 | 0.116 | 276.432 | 6.219 | 0.116 | 296.837 | 5.552 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 24 | 15822 | 15823 | NS | 1 | -33.93 | 27.132 | 0.464 | -34.451 | 27.24 | 0.53 | -13.134 | 28.83 | 8.241 | -9.469 | 30.93 | 13.124 | 0.116 | 239.618 | 1.691 | 0.116 | 270.16 | 1.434 | 0.116 | 2.084 | 0.008 | 0.116 | 0.949 | 0.0 |
| 25 | 15822 | 15823 | SN | 2 | -34.309 | 22.198 | 0.004 | -34.934 | 24.41 | 0.776 | -18.342 | 30.4 | 9.125 | -9.282 | 27.936 | 9.253 | 0.116 | 261.404 | 3.822 | 0.116 | 301.865 | 3.04 | 0.116 | 6.705 | 0.002 | 0.116 | 0.913 | 0.0 |
| 26 | 15822 | 15823 | SN | 1 | -34.309 | 21.01 | 0.0 | -34.934 | 22.379 | 0.001 | -18.342 | 30.4 | 9.632 | -9.282 | 27.936 | 9.256 | 0.116 | 261.404 | 4.02 | 0.116 | 301.865 | 3.267 | 0.116 | 6.705 | 0.003 | 0.116 | 0.913 | 0.0 |
| 27 | 15822 | 15823 | SN | 1 | -34.309 | 22.198 | 0.004 | -34.934 | 24.41 | 0.776 | -18.342 | 30.4 | 9.125 | -9.282 | 27.936 | 9.253 | 0.116 | 261.404 | 3.822 | 0.116 | 301.865 | 3.04 | 0.116 | 6.705 | 0.002 | 0.116 | 0.913 | 0.0 |
| 28 | 15822 | 15823 | NS | 1 | -34.052 | 27.136 | 0.464 | -34.55 | 27.24 | 0.53 | -13.171 | 28.83 | 8.217 | -9.467 | 30.93 | 13.084 | 0.116 | 246.467 | 1.692 | 0.116 | 276.363 | 1.433 | 0.116 | 2.101 | 0.008 | 0.116 | 0.949 | 0.0 |
| 29 | 15823 | 15824 | NS | 1 | -34.758 | 27.162 | 0.541 | -34.748 | 27.418 | 0.585 | 4.791 | 31.315 | 9.519 | 7.878 | 29.338 | 15.156 | 0.116 | 289.91 | 1.831 | 0.116 | 289.265 | 1.546 | 0.116 | 0.142 | 0.0 | 0.116 | 0.128 | 0.0 |
| 30 | 15823 | 15824 | SN | 1 | -34.555 | 21.743 | 0.0 | -34.0 | 22.757 | 0.005 | -18.886 | 35.337 | 10.559 | -17.507 | 32.396 | 11.584 | 0.116 | 276.674 | 7.064 | 0.116 | 243.428 | 6.834 | 0.116 | 7.585 | 0.011 | 0.116 | 5.547 | 0.005 |
| 31 | 15823 | 15824 | SN | 1 | -34.67 | 23.136 | 0.029 | -34.0 | 24.618 | 1.717 | -18.924 | 35.335 | 9.972 | -17.485 | 32.396 | 11.584 | 0.116 | 284.079 | 6.524 | 0.116 | 243.428 | 5.911 | 0.116 | 7.652 | 0.01 | 0.116 | 5.519 | 0.005 |
| 32 | 15823 | 15824 | SN | 1 | -34.555 | 23.136 | 0.029 | -34.0 | 24.618 | 1.723 | -18.975 | 35.337 | 9.97 | -17.507 | 32.396 | 11.584 | 0.116 | 276.674 | 6.515 | 0.116 | 243.428 | 5.909 | 0.116 | 7.742 | 0.01 | 0.116 | 5.547 | 0.005 |
| 33 | 15824 | 15825 | NS | 1 | -34.464 | 24.082 | 0.454 | -34.69 | 23.849 | 0.201 | -7.889 | 29.124 | 14.85 | -3.355 | 30.114 | 27.989 | 0.116 | 270.891 | 3.622 | 0.116 | 285.386 | 2.959 | 0.116 | 0.689 | 0.0 | 0.116 | 0.308 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 34 | 15824 | 15825 | NS | 2 | -34.464 | 24.081 | 0.465 | -34.69 | 23.849 | 0.223 | -7.889 | 29.124 | 14.852 | -3.355 | 30.114 | 27.991 | 0.116 | 270.891 | 3.62 | 0.116 | 285.386 | 2.956 | 0.116 | 0.689 | 0.0 | 0.116 | 0.308 | 0.0 |
| 35 | 15824 | 15825 | SN | 1 | -34.178 | 25.482 | 0.153 | -34.908 | 24.491 | 1.673 | -13.691 | 28.369 | 14.972 | -17.272 | 30.162 | 16.889 | 0.116 | 253.657 | 1.881 | 0.116 | 300.021 | 1.45 | 0.116 | 2.357 | 0.005 | 0.116 | 5.259 | 0.002 |
| 36 | 15825 | 15826 | SN | 1 | -34.905 | 25.52 | 0.284 | -34.803 | 26.335 | 1.635 | -2.744 | 29.529 | 14.681 | -1.101 | 29.752 | 14.405 | 0.116 | 299.896 | 1.895 | 0.116 | 292.895 | 1.801 | 0.116 | 0.281 | 0.0 | 0.116 | 0.226 | 0.0 |
| 37 | 15825 | 15826 | NS | 1 | -32.651 | 27.933 | 0.433 | -34.179 | 27.746 | 0.236 | -15.815 | 29.297 | 12.809 | -7.77 | 30.142 | 23.208 | 0.116 | 178.51 | 1.763 | 0.116 | 253.694 | 1.446 | 0.116 | 3.786 | 0.028 | 0.116 | 0.673 | 0.0 |
| 38 | 15826 | 15827 | SN | 1 | -34.81 | 25.416 | 0.294 | -34.134 | 26.858 | 1.711 | -18.212 | 30.357 | 14.996 | -10.608 | 29.707 | 15.721 | 0.116 | 293.453 | 2.113 | 0.116 | 251.094 | 1.841 | 0.116 | 6.51 | 0.005 | 0.116 | 1.206 | 0.002 |
| 39 | 15826 | 15827 | SN | 2 | -34.81 | 25.416 | 0.294 | -34.134 | 26.858 | 1.711 | -18.214 | 30.357 | 14.995 | -10.606 | 29.707 | 15.72 | 0.116 | 293.453 | 2.113 | 0.116 | 251.094 | 1.84 | 0.116 | 6.512 | 0.005 | 0.116 | 1.205 | 0.002 |
| 40 | 15826 | 15827 | NS | 1 | -34.6 | 28.71 | 0.453 | -34.606 | 25.753 | 0.298 | -10.191 | 29.123 | 14.08 | -6.703 | 32.783 | 21.484 | 0.116 | 279.57 | 2.279 | 0.116 | 279.96 | 2.494 | 0.116 | 1.104 | 0.003 | 0.116 | 0.548 | 0.0 |
| 41 | 15826 | 15827 | NS | 1 | -34.476 | 28.71 | 0.453 | -34.665 | 25.753 | 0.298 | -10.191 | 29.123 | 14.083 | -6.703 | 32.783 | 21.484 | 0.116 | 271.676 | 2.276 | 0.116 | 283.708 | 2.495 | 0.116 | 1.104 | 0.003 | 0.116 | 0.548 | 0.0 |
| 42 | 15827 | 15828 | NS | 1 | -32.852 | 23.878 | 0.497 | -34.917 | 24.81 | 0.707 | -23.697 | 28.71 | 19.395 | -10.81 | 29.45 | 30.907 | 0.116 | 186.971 | 1.352 | 0.116 | 300.686 | 1.222 | 0.116 | 22.789 | 0.01 | 0.116 | 1.259 | 0.004 |
| 43 | 15827 | 15828 | NS | 1 | -32.852 | 23.878 | 0.497 | -34.917 | 24.81 | 0.707 | -23.697 | 28.71 | 22.797 | -10.81 | 29.45 | 33.937 | 0.116 | 186.971 | 1.354 | 0.116 | 300.686 | 1.222 | 0.116 | 22.789 | 0.009 | 0.116 | 1.259 | 0.004 |
| 44 | 15827 | 15828 | NS | 1 | -34.451 | 23.877 | 0.497 | -34.588 | 24.808 | 0.706 | -23.704 | 28.71 | 22.782 | -10.812 | 29.45 | 33.938 | 0.116 | 270.193 | 1.354 | 0.116 | 278.722 | 1.218 | 0.116 | 22.826 | 0.009 | 0.116 | 1.259 | 0.004 |
| 45 | 15827 | 15828 | SN | 1 | -34.909 | 23.827 | 0.502 | -34.776 | 24.608 | 2.718 | -13.166 | 30.173 | 13.461 | -17.575 | 29.644 | 13.645 | 0.116 | 300.164 | 2.5 | 0.116 | 291.11 | 2.059 | 0.116 | 2.099 | 0.002 | 0.116 | 5.634 | 0.001 |
| 46 | 15827 | 15828 | SN | 2 | -34.909 | 23.827 | 0.502 | -34.776 | 24.608 | 2.718 | -13.166 | 30.173 | 13.461 | -17.575 | 29.644 | 13.645 | 0.116 | 300.164 | 2.5 | 0.116 | 291.11 | 2.059 | 0.116 | 2.099 | 0.002 | 0.116 | 5.634 | 0.001 |
| 47 | 15828 | 15829 | NS | 2 | -34.806 | 24.435 | 0.892 | -34.321 | 24.723 | 0.967 | 9.941 | 28.505 | 21.338 | 7.155 | 28.849 | 32.78 | 0.116 | 293.147 | 3.289 | 0.116 | 262.22 | 2.786 | 0.116 | 0.123 | 0.0 | 0.116 | 0.131 | 0.0 |
| 48 | 15828 | 15829 | NS | 1 | -34.806 | 24.435 | 0.893 | -34.321 | 24.723 | 0.967 | 9.941 | 28.505 | 10.648 | 7.155 | 28.663 | 26.755 | 0.116 | 293.147 | 3.291 | 0.116 | 262.22 | 2.786 | 0.116 | 0.123 | 0.0 | 0.116 | 0.131 | 0.0 |
| 49 | 15828 | 15829 | SN | 1 | -34.01 | 23.332 | 0.079 | -34.756 | 24.647 | 1.946 | -10.36 | 29.545 | 23.641 | -27.126 | 30.314 | 25.88 | 0.116 | 244.08 | 2.472 | 0.116 | 289.756 | 2.081 | 0.116 | 1.144 | 0.002 | 0.116 | 50.09 | 0.002 |
| 50 | 15828 | 15829 | SN | 1 | -34.427 | 23.301 | 0.079 | -34.756 | 24.646 | 1.942 | -10.423 | 29.545 | 23.644 | -27.349 | 30.315 | 25.882 | 0.116 | 268.578 | 2.469 | 0.116 | 289.756 | 2.081 | 0.116 | 1.16 | 0.002 | 0.116 | 52.71 | 0.002 |
| 51 | 15828 | 15829 | NS | 1 | -34.806 | 24.435 | 0.892 | -34.321 | 24.723 | 0.967 | 9.941 | 28.505 | 21.338 | 7.155 | 28.849 | 32.78 | 0.116 | 293.147 | 3.289 | 0.116 | 262.22 | 2.786 | 0.116 | 0.123 | 0.0 | 0.116 | 0.131 | 0.0 |
| 52 | 15829 | 15830 | NS | 1 | -34.745 | 24.378 | 0.889 | -34.886 | 25.467 | 0.288 | 5.932 | 28.46 | 25.84 | 8.099 | 28.993 | 36.444 | 0.116 | 289.045 | 3.126 | 0.116 | 298.588 | 3.291 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 53 | 15829 | 15830 | NS | 1 | -34.745 | 24.378 | 0.889 | -34.886 | 25.467 | 0.288 | 10.551 | 27.557 | 4.017 | 8.096 | 28.547 | 12.707 | 0.116 | 289.045 | 3.13 | 0.116 | 298.588 | 3.291 | 0.116 | 0.122 | 0.0 | 0.116 | 0.128 | 0.0 |
| 54 | 15829 | 15830 | SN | 1 | -33.614 | 23.553 | 0.136 | -34.584 | 25.054 | 1.741 | 7.288 | 29.426 | 40.893 | 7.966 | 30.011 | 51.718 | 0.116 | 222.832 | 2.637 | 0.116 | 278.547 | 2.165 | 0.116 | 0.13 | 0.0 | 0.116 | 0.128 | 0.0 |
| 55 | 15829 | 15830 | SN | 1 | -34.782 | 23.555 | 0.135 | -34.79 | 25.056 | 1.738 | 7.288 | 29.426 | 40.887 | 7.966 | 30.009 | 51.709 | 0.116 | 291.571 | 2.643 | 0.116 | 292.102 | 2.167 | 0.116 | 0.13 | 0.0 | 0.116 | 0.128 | 0.0 |
| 56 | 15829 | 15830 | NS | 2 | -34.745 | 24.378 | 0.889 | -34.886 | 25.467 | 0.288 | 5.932 | 28.46 | 25.84 | 8.099 | 28.993 | 36.444 | 0.116 | 289.045 | 3.126 | 0.116 | 298.588 | 3.291 | 0.116 | 0.136 | 0.0 | 0.116 | 0.128 | 0.0 |
| 57 | 15830 | 15831 | NS | 1 | -34.866 | 24.618 | 0.895 | -34.626 | 24.482 | 0.131 | 7.178 | 27.138 | 3.314 | 5.181 | 25.688 | 6.15 | 0.116 | 297.202 | 5.383 | 0.116 | 281.254 | 3.704 | 0.116 | 0.13 | 0.0 | 0.116 | 0.14 | 0.0 |
| 58 | 15830 | 15831 | NS | 2 | -34.866 | 24.618 | 0.848 | -34.626 | 24.482 | 0.132 | 6.674 | 28.719 | 13.305 | 5.189 | 29.336 | 22.652 | 0.116 | 297.202 | 5.051 | 0.116 | 281.254 | 3.68 | 0.116 | 0.132 | 0.0 | 0.116 | 0.14 | 0.0 |
| 59 | 15830 | 15831 | NS | 1 | -34.866 | 24.618 | 0.848 | -34.866 | 24.482 | 0.132 | 6.674 | 28.719 | 13.306 | 5.189 | 29.336 | 22.651 | 0.116 | 297.202 | 5.051 | 0.116 | 297.214 | 3.681 | 0.116 | 0.132 | 0.0 | 0.116 | 0.14 | 0.0 |
| 60 | 15830 | 15831 | SN | 1 | -34.249 | 23.15 | 0.043 | -34.543 | 23.598 | 0.092 | -0.21 | 29.002 | 11.959 | -3.453 | 29.101 | 10.628 | 0.116 | 257.87 | 3.859 | 0.116 | 275.849 | 2.885 | 0.116 | 0.204 | 0.0 | 0.116 | 0.312 | 0.0 |
| 61 | 15830 | 15831 | SN | 1 | -33.786 | 24.05 | 0.282 | -34.575 | 24.721 | 2.451 | -0.21 | 29.002 | 12.863 | -3.453 | 29.098 | 10.958 | 0.116 | 231.826 | 3.794 | 0.116 | 277.997 | 2.634 | 0.116 | 0.204 | 0.0 | 0.116 | 0.312 | 0.0 |
| 62 | 15831 | 15832 | SN | 1 | -34.636 | 27.302 | 0.826 | -34.394 | 27.905 | 3.646 | -18.072 | 34.475 | 8.754 | -23.675 | 29.844 | 9.863 | 0.116 | 281.838 | 6.729 | 0.116 | 266.652 | 5.885 | 0.116 | 6.306 | 0.02 | 0.116 | 22.674 | 0.012 |
| 63 | 15831 | 15832 | NS | 1 | -34.976 | 25.688 | 0.733 | -34.622 | 26.327 | 0.042 | -6.689 | 33.432 | 10.354 | -2.729 | 33.258 | 21.312 | 0.116 | 304.794 | 5.913 | 0.116 | 280.971 | 6.238 | 0.116 | 0.546 | 0.0 | 0.116 | 0.28 | 0.0 |
| 64 | 15831 | 15832 | SN | 1 | -34.636 | 27.302 | 0.192 | -34.394 | 27.905 | 3.348 | -18.072 | 34.475 | 8.753 | -23.675 | 29.844 | 9.864 | 0.116 | 281.838 | 7.115 | 0.116 | 266.652 | 6.208 | 0.116 | 6.306 | 0.02 | 0.116 | 22.674 | 0.012 |
| 65 | 15832 | 15833 | SN | 2 | -34.506 | 24.578 | 0.436 | -34.283 | 24.93 | 1.961 | -15.499 | 32.345 | 8.016 | -20.349 | 28.972 | 3.955 | 0.116 | 273.488 | 2.853 | 0.116 | 259.882 | 2.1 | 0.116 | 3.527 | 0.002 | 0.116 | 10.588 | 0.004 |
| 66 | 15832 | 15833 | NS | 1 | -34.529 | 25.175 | 0.417 | -30.729 | 25.537 | 0.048 | -18.183 | 33.58 | 7.202 | -26.744 | 31.032 | 17.068 | 0.116 | 274.96 | 1.183 | 0.116 | 114.708 | 1.109 | 0.116 | 6.466 | 0.009 | 0.116 | 45.87 | 0.005 |
| 67 | 15832 | 15833 | NS | 1 | -34.529 | 25.176 | 0.417 | -30.868 | 25.537 | 0.048 | -18.182 | 33.58 | 7.183 | -26.744 | 31.032 | 17.03 | 0.116 | 274.96 | 1.184 | 0.116 | 118.436 | 1.108 | 0.116 | 6.464 | 0.008 | 0.116 | 45.87 | 0.005 |
| 68 | 15832 | 15833 | SN | 1 | -34.506 | 24.578 | 0.436 | -34.283 | 24.93 | 1.961 | -15.499 | 32.345 | 8.016 | -20.349 | 28.972 | 3.955 | 0.116 | 273.488 | 2.852 | 0.116 | 259.882 | 2.1 | 0.116 | 3.527 | 0.002 | 0.116 | 10.588 | 0.004 |
| 69 | 15832 | 15833 | SN | 1 | -34.506 | 24.578 | 0.666 | -34.283 | 24.93 | 1.936 | -15.502 | 32.345 | 8.016 | -20.349 | 28.972 | 3.955 | 0.116 | 273.488 | 2.812 | 0.116 | 259.882 | 2.063 | 0.116 | 3.53 | 0.002 | 0.116 | 10.588 | 0.004 |
| 70 | 15833 | 15834 | SN | 1 | -34.963 | 23.699 | 0.175 | -34.642 | 24.021 | 0.448 | 6.748 | 26.907 | 12.42 | 7.806 | 27.622 | 6.137 | 0.116 | 303.897 | 1.755 | 0.116 | 282.235 | 1.531 | 0.116 | 0.132 | 0.0 | 0.116 | 0.128 | 0.0 |
| 71 | 15833 | 15834 | SN | 1 | -34.863 | 23.699 | 0.188 | -34.08 | 24.021 | 0.452 | 6.748 | 26.907 | 12.42 | 7.806 | 27.622 | 6.132 | 0.116 | 296.971 | 1.727 | 0.116 | 248.005 | 1.541 | 0.116 | 0.132 | 0.0 | 0.116 | 0.128 | 0.0 |
| 72 | 15833 | 15834 | NS | 1 | -34.591 | 22.969 | 0.068 | -34.984 | 22.961 | 0.015 | -14.941 | 28.883 | 7.88 | -7.798 | 29.234 | 15.095 | 0.116 | 278.924 | 2.084 | 0.116 | 305.397 | 1.873 | 0.116 | 3.113 | 0.002 | 0.116 | 0.677 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|--------|-------|
| 112 | 15842 | 15843 | NS | 2 | -34.835 | 25.059 | 1.135 | -34.072 | 24.1 | 1.1 | -18.508 | 28.645 | 24.539 | -25.238 | 28.781 | 36.383 | 0.116 | 295.043 | 2.7 | 0.116 | 247.603 | 1.91 | 0.116 | 6.962 | 0.048 | 0.116 | 32.454 | 0.03 |
| 113 | 15842 | 15843 | NS | 1 | -34.835 | 25.059 | 1.135 | -34.072 | 24.1 | 1.1 | -18.508 | 28.645 | 24.539 | -25.238 | 28.781 | 36.383 | 0.116 | 295.043 | 2.7 | 0.116 | 247.603 | 1.91 | 0.116 | 6.962 | 0.048 | 0.116 | 32.454 | 0.03 |
| 114 | 15842 | 15843 | NS | 1 | -34.835 | 25.059 | 1.135 | -34.072 | 24.1 | 1.1 | -18.508 | 28.645 | 16.921 | -25.238 | 28.784 | 33.198 | 0.116 | 295.043 | 2.7 | 0.116 | 247.603 | 1.91 | 0.116 | 6.962 | 0.062 | 0.116 | 32.454 | 0.037 |
| 115 | 15842 | 15843 | SN | 1 | -33.454 | 24.963 | 0.525 | -33.376 | 24.919 | 3.032 | -6.55 | 29.477 | 15.882 | -5.263 | 30.676 | 17.217 | 0.116 | 214.739 | 1.772 | 0.116 | 210.888 | 1.868 | 0.116 | 0.532 | 0.0 | 0.116 | 0.421 | 0.0 |
| 116 | 15843 | 15844 | NS | 1 | -34.778 | 26.494 | 1.355 | -34.303 | 27.135 | 0.703 | 4.924 | 28.425 | 9.017 | 7.641 | 28.773 | 22.641 | 0.116 | 291.225 | 4.385 | 0.116 | 261.05 | 3.38 | 0.116 | 0.141 | 0.0 | 0.116 | 0.129 | 0.0 |
| 117 | 15843 | 15844 | NS | 1 | -34.778 | 26.494 | 1.354 | -34.303 | 27.135 | 0.703 | 4.924 | 28.708 | 24.439 | 7.641 | 28.776 | 34.691 | 0.116 | 291.225 | 4.382 | 0.116 | 261.05 | 3.38 | 0.116 | 0.141 | 0.0 | 0.116 | 0.129 | 0.0 |
| 118 | 15843 | 15844 | NS | 2 | -34.778 | 26.494 | 1.354 | -34.303 | 27.135 | 0.703 | 4.924 | 28.706 | 24.439 | 7.641 | 28.774 | 34.691 | 0.116 | 291.225 | 4.382 | 0.116 | 261.05 | 3.38 | 0.116 | 0.141 | 0.0 | 0.116 | 0.129 | 0.0 |
| 119 | 15843 | 15844 | SN | 1 | -34.959 | 24.372 | 0.143 | -34.82 | 25.374 | 2.269 | -7.199 | 29.83 | 36.315 | -4.726 | 29.919 | 44.24 | 0.116 | 303.605 | 2.295 | 0.116 | 294.009 | 1.834 | 0.116 | 0.602 | 0.0 | 0.116 | 0.384 | 0.0 |
| 120 | 15843 | 15844 | SN | 1 | -34.758 | 24.366 | 0.142 | -34.752 | 25.374 | 2.262 | -7.207 | 29.83 | 36.312 | -4.737 | 29.919 | 44.244 | 0.116 | 289.908 | 2.29 | 0.116 | 289.499 | 1.833 | 0.116 | 0.603 | 0.0 | 0.116 | 0.384 | 0.0 |
| 121 | 15844 | 15845 | NS | 1 | -34.461 | 25.49 | 1.367 | -34.906 | 24.206 | 0.292 | 7.103 | 31.559 | 17.277 | 7.619 | 29.567 | 27.029 | 0.116 | 270.773 | 6.67 | 0.116 | 299.918 | 5.781 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 122 | 15844 | 15845 | NS | 1 | -34.461 | 25.49 | 1.391 | -34.906 | 24.192 | 0.292 | 7.103 | 31.559 | 2.49 | 7.619 | 27.195 | 2.18 | 0.116 | 270.773 | 6.835 | 0.116 | 299.918 | 5.782 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 123 | 15844 | 15845 | SN | 1 | -34.976 | 24.749 | 0.225 | -34.586 | 26.172 | 2.448 | 5.297 | 29.366 | 30.434 | 3.797 | 30.193 | 33.837 | 0.116 | 304.823 | 5.258 | 0.116 | 278.683 | 4.223 | 0.116 | 0.139 | 0.0 | 0.116 | 0.149 | 0.0 |
| 124 | 15844 | 15845 | SN | 2 | -34.683 | 24.749 | 0.225 | -34.674 | 26.172 | 2.449 | 5.297 | 29.366 | 30.429 | 3.797 | 30.195 | 33.831 | 0.116 | 284.981 | 5.257 | 0.116 | 284.334 | 4.222 | 0.116 | 0.139 | 0.0 | 0.116 | 0.149 | 0.0 |
| 125 | 15844 | 15845 | SN | 1 | -34.962 | 18.416 | 0.0 | -34.674 | 19.785 | 0.0 | 5.345 | 29.367 | 27.65 | 3.795 | 30.201 | 31.929 | 0.117 | 303.785 | 5.28 | 0.116 | 284.334 | 4.505 | 0.116 | 0.139 | 0.0 | 0.116 | 0.149 | 0.0 |
| 126 | 15844 | 15845 | NS | 2 | -34.461 | 25.49 | 1.367 | -34.906 | 24.206 | 0.292 | 7.103 | 31.559 | 17.271 | 7.619 | 29.565 | 27.029 | 0.116 | 270.773 | 6.67 | 0.116 | 299.918 | 5.781 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 127 | 15845 | 15846 | NS | 1 | -34.301 | 25.413 | 1.223 | -34.926 | 24.608 | 0.12 | -7.764 | 30.541 | 10.54 | -6.328 | 28.805 | 18.883 | 0.116 | 260.983 | 3.547 | 0.116 | 301.34 | 3.417 | 0.116 | 0.672 | 0.0 | 0.116 | 0.51 | 0.0 |
| 128 | 15845 | 15846 | NS | 1 | -34.943 | 25.413 | 1.221 | -34.803 | 24.608 | 0.12 | -7.764 | 30.541 | 10.541 | -6.328 | 28.805 | 18.881 | 0.116 | 302.536 | 3.543 | 0.116 | 292.925 | 3.41 | 0.116 | 0.672 | 0.0 | 0.116 | 0.51 | 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 | 15816 | 15817 | SN | 1 | 57.516 | 58.298 | 0.0 | 0.0 | 288.975 | 4.072 | 1206.176 | 1273.888 | 5.92 | -93.081 | -92.023 | 0.0 |
| 2 | 15817 | 15818 | SN | 1 | 57.132 | 58.407 | 0.146 | 0.0 | 299.161 | 2.65 | 1198.04 | 1273.888 | 8.018 | -95.629 | -91.998 | 0.0 |
| 3 | 15817 | 15818 | NS | 1 | 57.482 | 58.155 | 0.0 | 0.0 | 296.299 | 2.158 | 1215.728 | 1268.952 | 0.0 | -93.266 | -92.078 | 0.0 |
| 4 | 15817 | 15818 | SN | 1 | 57.132 | 58.407 | 0.197 | 0.0 | 299.161 | 3.523 | 1198.04 | 1273.888 | 8.75 | -95.629 | -91.998 | 0.0 |
| 5 | 15817 | 15818 | NS | 1 | 57.482 | 58.155 | 0.0 | 0.0 | 296.299 | 2.156 | 1215.688 | 1268.952 | 0.0 | -93.266 | -92.078 | 0.0 |
| 6 | 15818 | 15819 | SN | 3 | 57.375 | 58.366 | 0.0 | 0.0 | 297.771 | 2.372 | 1205.568 | 1274.088 | 8.741 | -95.506 | -92.029 | 0.0 |
| 7 | 15818 | 15819 | NS | 1 | 57.299 | 58.287 | 0.0 | 0.0 | 291.418 | 1.932 | 1211.216 | 1269.28 | 0.0 | -95.231 | -92.026 | 0.0 |
| 8 | 15818 | 15819 | NS | 1 | 57.299 | 58.287 | 0.0 | 0.0 | 291.418 | 1.93 | 1211.216 | 1269.28 | 0.0 | -95.231 | -92.026 | 0.0 |
| 9 | 15818 | 15819 | SN | 1 | 57.376 | 58.366 | 0.0 | 0.0 | 297.766 | 2.37 | 1205.584 | 1274.056 | 8.741 | -95.506 | -92.029 | 0.0 |
| 10 | 15818 | 15819 | SN | 2 | 57.375 | 58.366 | 0.0 | 0.0 | 297.771 | 2.372 | 1205.568 | 1274.088 | 8.741 | -95.506 | -92.029 | 0.0 |
| 11 | 15819 | 15820 | SN | 1 | 57.515 | 58.304 | 0.0 | 0.003 | 297.236 | 3.368 | 1205.896 | 1273.992 | 8.334 | -93.223 | -92.031 | 0.0 |
| 12 | 15819 | 15820 | NS | 1 | 57.352 | 58.177 | 0.0 | 0.003 | 294.777 | 3.758 | 1215.912 | 1273.784 | 0.0 | -94.993 | -92.077 | 0.0 |
| 13 | 15819 | 15820 | SN | 1 | 57.513 | 58.304 | 0.0 | 0.0 | 297.236 | 3.673 | 1205.824 | 1273.992 | 8.244 | -93.223 | -92.031 | 0.0 |
| 14 | 15819 | 15820 | SN | 1 | 57.515 | 58.304 | 0.0 | 0.0 | 297.236 | 3.677 | 1205.896 | 1273.992 | 8.218 | -93.223 | -92.031 | 0.0 |
| 15 | 15820 | 15821 | NS | 1 | 57.483 | 58.174 | 0.0 | 0.0 | 299.542 | 3.705 | 1216.56 | 1273.592 | 0.0 | -93.177 | -92.082 | 0.0 |
| 16 | 15820 | 15821 | NS | 2 | 57.484 | 58.174 | 0.0 | 0.0 | 299.547 | 3.707 | 1216.568 | 1273.584 | 0.0 | -93.385 | -92.082 | 0.0 |
| 17 | 15820 | 15821 | SN | 1 | 57.495 | 58.297 | 0.0 | 0.0 | 295.792 | 3.732 | 1205.472 | 1273.8 | 8.23 | -93.044 | -92.031 | 0.0 |
| 18 | 15820 | 15821 | SN | 1 | 57.493 | 58.297 | 0.0 | 0.0 | 295.792 | 3.338 | 1205.472 | 1273.8 | 8.421 | -93.044 | -92.031 | 0.0 |
| 19 | 15821 | 15822 | NS | 1 | 57.451 | 58.177 | 0.0 | 0.0 | 296.001 | 3.905 | 1215.84 | 1273.512 | 0.0 | -93.188 | -92.082 | 0.0 |
| 20 | 15821 | 15822 | SN | 1 | 57.509 | 58.297 | 0.0 | 0.0 | 286.83 | 3.16 | 1205.784 | 1273.68 | 8.26 | -93.06 | -92.029 | 0.0 |
| 21 | 15821 | 15822 | SN | 2 | 57.509 | 58.297 | 0.0 | 0.0 | 286.83 | 3.7 | 1205.784 | 1273.68 | 7.965 | -93.06 | -92.029 | 0.0 |
| 22 | 15821 | 15822 | NS | 2 | 57.451 | 58.177 | 0.0 | 0.0 | 296.001 | 3.905 | 1215.84 | 1273.512 | 0.0 | -93.188 | -92.082 | 0.0 |
| 23 | 15821 | 15822 | SN | 1 | 57.509 | 58.296 | 0.0 | 0.0 | 286.929 | 3.703 | 1205.792 | 1273.648 | 7.961 | -92.989 | -92.029 | 0.0 |
| 24 | 15822 | 15823 | NS | 1 | 57.453 | 58.175 | 0.0 | 0.0 | 291.942 | 3.677 | 1215.96 | 1273.384 | 0.0 | -93.245 | -92.094 | 0.0 |
| 25 | 15822 | 15823 | SN | 2 | 57.503 | 58.299 | 0.0 | 0.0 | 298.577 | 3.837 | 1206.152 | 1273.608 | 7.707 | -93.095 | -92.03 | 0.0 |
| 26 | 15822 | 15823 | SN | 1 | 57.503 | 58.299 | 0.0 | 0.0 | 296.646 | 3.027 | 1206.152 | 1273.608 | 8.122 | -93.095 | -92.03 | 0.0 |
| 27 | 15822 | 15823 | SN | 1 | 57.503 | 58.299 | 0.0 | 0.0 | 298.577 | 3.837 | 1206.152 | 1273.608 | 7.707 | -93.095 | -92.03 | 0.0 |
| 28 | 15822 | 15823 | NS | 1 | 57.453 | 58.175 | 0.0 | 0.0 | 291.942 | 3.674 | 1215.96 | 1273.384 | 0.0 | -93.246 | -92.094 | 0.0 |
| 29 | 15823 | 15824 | NS | 1 | 57.454 | 58.18 | 0.0 | 0.0 | 295.808 | 3.736 | 1215.368 | 1273.544 | 0.0 | -93.176 | -92.097 | 0.0 |
| 30 | 15823 | 15824 | SN | 1 | 57.522 | 58.3 | 0.0 | 0.003 | 295.758 | 2.719 | 1206.16 | 1273.776 | 7.146 | -93.128 | -92.015 | 0.0 |
| 31 | 15823 | 15824 | SN | 1 | 57.522 | 58.3 | 0.0 | 0.003 | 296.161 | 3.887 | 1206.4 | 1273.776 | 6.618 | -93.128 | -92.015 | 0.0 |
| 32 | 15823 | 15824 | SN | 1 | 57.522 | 58.3 | 0.0 | 0.003 | 296.161 | 3.891 | 1206.16 | 1273.776 | 6.622 | -93.128 | -92.015 | 0.0 |
| 33 | 15824 | 15825 | NS | 1 | 57.45 | 58.181 | 0.0 | 0.0 | 296.299 | 3.761 | 1215.536 | 1273.576 | 0.0 | -93.228 | -92.081 | 0.0 |
| 34 | 15824 | 15825 | NS | 2 | 57.45 | 58.181 | 0.0 | 0.0 | 296.299 | 3.76 | 1215.536 | 1273.576 | 0.0 | -93.182 | -92.081 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 35 | 15824 | 15825 | SN | 1 | 57.511 | 58.301 | 0.0 | 0.0 | 298.643 | 3.784 | 1206.048 | 1273.832 | 6.368 | -93.05 | -91.968 | 0.0 |
| 36 | 15825 | 15826 | SN | 1 | 57.524 | 58.301 | 0.0 | 0.0 | 293.415 | 3.727 | 1206.928 | 1273.728 | 6.53 | -93.064 | -92.015 | 0.0 |
| 37 | 15825 | 15826 | NS | 1 | 57.484 | 58.176 | 0.0 | 0.0 | 295.615 | 4.008 | 1215.584 | 1273.448 | 0.0 | -93.222 | -92.072 | 0.0 |
| 38 | 15826 | 15827 | SN | 1 | 57.523 | 58.3 | 0.0 | 0.0 | 284.872 | 3.882 | 1206.904 | 1273.672 | 6.173 | -92.986 | -91.998 | 0.0 |
| 39 | 15826 | 15827 | SN | 2 | 57.524 | 58.301 | 0.0 | 0.0 | 284.767 | 3.881 | 1206.896 | 1273.704 | 6.173 | -92.986 | -91.998 | 0.0 |
| 40 | 15826 | 15827 | NS | 1 | 57.484 | 58.174 | 0.0 | 0.0 | 297.882 | 3.71 | 1215.776 | 1273.32 | 0.0 | -93.104 | -92.082 | 0.0 |
| 41 | 15826 | 15827 | NS | 1 | 57.484 | 58.174 | 0.0 | 0.0 | 297.882 | 3.706 | 1215.776 | 1273.32 | 0.0 | -93.092 | -92.082 | 0.0 |
| 42 | 15827 | 15828 | NS | 1 | 57.461 | 58.177 | 0.0 | 0.003 | 290.398 | 3.193 | 1215.952 | 1272.904 | 0.0 | -93.172 | -92.098 | 0.0 |
| 43 | 15827 | 15828 | NS | 1 | 57.461 | 58.177 | 0.0 | 0.0 | 290.398 | 3.728 | 1215.952 | 1273.384 | 0.0 | -93.172 | -92.098 | 0.0 |
| 44 | 15827 | 15828 | NS | 1 | 57.463 | 58.176 | 0.0 | 0.0 | 296.299 | 3.723 | 1215.976 | 1273.384 | 0.0 | -93.19 | -92.098 | 0.0 |
| 45 | 15827 | 15828 | SN | 1 | 57.492 | 58.302 | 0.0 | 0.0 | 298.008 | 3.853 | 1205.944 | 1273.656 | 7.347 | -93.087 | -92.002 | 0.0 |
| 46 | 15827 | 15828 | SN | 2 | 57.492 | 58.302 | 0.0 | 0.0 | 298.008 | 3.853 | 1205.944 | 1273.656 | 7.347 | -93.087 | -92.002 | 0.0 |
| 47 | 15828 | 15829 | NS | 2 | 57.459 | 58.176 | 0.0 | 0.003 | 293.216 | 3.683 | 1215.336 | 1273.408 | 0.0 | -93.217 | -92.096 | 0.0 |
| 48 | 15828 | 15829 | NS | 1 | 57.459 | 58.17 | 0.0 | 0.003 | 293.216 | 2.91 | 1215.336 | 1271.664 | 0.0 | -93.197 | -92.096 | 0.0 |
| 49 | 15828 | 15829 | SN | 1 | 57.504 | 58.302 | 0.0 | 0.003 | 297.606 | 3.749 | 1206.64 | 1273.664 | 6.847 | -92.998 | -92.021 | 0.0 |
| 50 | 15828 | 15829 | SN | 1 | 57.528 | 58.302 | 0.0 | 0.003 | 297.606 | 3.745 | 1206.8 | 1273.664 | 6.84 | -92.998 | -92.021 | 0.0 |
| 51 | 15828 | 15829 | NS | 1 | 57.459 | 58.176 | 0.0 | 0.003 | 293.216 | 3.683 | 1215.336 | 1273.408 | 0.0 | -93.217 | -92.096 | 0.0 |
| 52 | 15829 | 15830 | NS | 1 | 57.449 | 58.179 | 0.0 | 0.0 | 298.119 | 3.756 | 1215.096 | 1273.504 | 0.0 | -93.128 | -92.095 | 0.0 |
| 53 | 15829 | 15830 | NS | 1 | 57.449 | 58.179 | 0.0 | 0.0 | 298.119 | 2.334 | 1215.096 | 1269.968 | 0.0 | -93.099 | -92.095 | 0.0 |
| 54 | 15829 | 15830 | SN | 1 | 57.501 | 58.303 | 0.0 | 0.0 | 294.942 | 3.73 | 1206.464 | 1273.76 | 7.083 | -93.021 | -92.033 | 0.0 |
| 55 | 15829 | 15830 | SN | 1 | 57.506 | 58.302 | 0.0 | 0.0 | 297.137 | 3.728 | 1206.344 | 1273.744 | 7.079 | -93.059 | -92.033 | 0.0 |
| 56 | 15829 | 15830 | NS | 2 | 57.449 | 58.179 | 0.0 | 0.0 | 298.119 | 3.756 | 1215.096 | 1273.504 | 0.0 | -93.128 | -92.095 | 0.0 |
| 57 | 15830 | 15831 | NS | 1 | 57.451 | 58.174 | 0.0 | 0.0 | 286.708 | 2.055 | 1215.352 | 1267.592 | 0.0 | -93.216 | -92.094 | 0.0 |
| 58 | 15830 | 15831 | NS | 2 | 57.451 | 58.174 | 0.0 | 0.0 | 296.326 | 3.748 | 1215.352 | 1273.432 | 0.0 | -93.216 | -92.094 | 0.0 |
| 59 | 15830 | 15831 | NS | 1 | 57.452 | 58.186 | 0.0 | 0.0 | 296.326 | 3.748 | 1215.368 | 1273.432 | 0.0 | -93.216 | -92.095 | 0.0 |
| 60 | 15830 | 15831 | SN | 1 | 57.536 | 58.304 | 0.0 | 0.0 | 286.736 | 2.967 | 1207.064 | 1273.8 | 6.713 | -93.11 | -92.037 | 0.0 |
| 61 | 15830 | 15831 | SN | 1 | 57.521 | 58.304 | 0.0 | 0.0 | 286.736 | 4.018 | 1207.064 | 1273.8 | 6.361 | -93.11 | -92.037 | 0.0 |
| 62 | 15831 | 15832 | SN | 1 | 57.52 | 58.296 | 0.0 | 0.0 | 297.771 | 4.066 | 1206.376 | 1273.408 | 6.349 | -93.078 | -92.0 | 0.0 |
| 63 | 15831 | 15832 | NS | 1 | 57.485 | 58.168 | 0.0 | 0.0 | 290.949 | 3.887 | 1215.576 | 1273.112 | 0.0 | -93.206 | -92.072 | 0.0 |
| 64 | 15831 | 15832 | SN | 1 | 57.52 | 58.296 | 0.0 | 0.0 | 297.771 | 3.687 | 1206.376 | 1273.408 | 6.496 | -92.97 | -92.0 | 0.0 |
| 65 | 15832 | 15833 | SN | 2 | 57.524 | 58.316 | 0.0 | 0.0 | 296.646 | 3.478 | 1206.312 | 1273.608 | 7.295 | -93.19 | -92.006 | 0.0 |
| 66 | 15832 | 15833 | NS | 1 | 57.484 | 58.171 | 0.0 | 0.0 | 294.038 | 3.575 | 1215.832 | 1273.344 | 0.0 | -93.212 | -92.044 | 0.0 |
| 67 | 15832 | 15833 | NS | 1 | 57.484 | 58.171 | 0.0 | 0.0 | 294.038 | 3.571 | 1215.912 | 1273.344 | 0.0 | -93.064 | -92.044 | 0.0 |
| 68 | 15832 | 15833 | SN | 1 | 57.524 | 58.316 | 0.0 | 0.0 | 296.619 | 3.478 | 1206.44 | 1273.608 | 7.283 | -93.19 | -92.006 | 0.0 |
| 69 | 15832 | 15833 | SN | 1 | 57.524 | 58.316 | 0.0 | 0.0 | 296.646 | 3.795 | 1206.312 | 1273.608 | 7.213 | -93.19 | -92.006 | 0.0 |
| 70 | 15833 | 15834 | SN | 1 | 57.522 | 58.298 | 0.0 | 0.0 | 297.143 | 3.39 | 1206.088 | 1273.672 | 8.222 | -93.168 | -92.032 | 0.0 |
| 71 | 15833 | 15834 | SN | 1 | 57.527 | 58.298 | 0.0 | 0.0 | 297.143 | 3.704 | 1206.56 | 1273.672 | 8.118 | -93.308 | -92.032 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 72 | 15833 | 15834 | NS | 1 | 57.466 | 58.242 | 0.0 | 0.0 | 294.319 | 3.591 | 1216.28 | 1273.432 | 0.0 | -95.854 | -92.042 | 0.0 |
| 73 | 15833 | 15834 | SN | 1 | 57.522 | 58.298 | 0.0 | 0.0 | 297.143 | 3.707 | 1206.088 | 1273.672 | 8.127 | -93.308 | -92.032 | 0.0 |
| 74 | 15834 | 15835 | NS | 1 | 57.472 | 58.178 | 0.0 | 0.0 | 299.569 | 3.871 | 1215.92 | 1273.272 | 0.0 | -93.108 | -92.074 | 0.0 |
| 75 | 15834 | 15835 | SN | 1 | 57.504 | 58.295 | 0.0 | 0.0 | 294.782 | 3.347 | 1205.816 | 1273.52 | 8.397 | -92.98 | -92.001 | 0.0 |
| 76 | 15834 | 15835 | SN | 1 | 57.507 | 58.294 | 0.0 | 0.0 | 294.639 | 3.688 | 1205.48 | 1273.48 | 8.243 | -92.979 | -92.001 | 0.0 |
| 77 | 15834 | 15835 | SN | 1 | 57.499 | 58.295 | 0.0 | 0.0 | 294.782 | 3.692 | 1205.816 | 1273.52 | 8.252 | -93.044 | -92.001 | 0.0 |
| 78 | 15834 | 15835 | NS | 2 | 57.472 | 58.178 | 0.0 | 0.0 | 299.569 | 3.871 | 1215.92 | 1273.272 | 0.0 | -93.108 | -92.074 | 0.0 |
| 79 | 15835 | 15836 | SN | 1 | 57.501 | 58.295 | 0.0 | 0.0 | 285.561 | 3.709 | 1205.616 | 1273.392 | 8.18 | -93.512 | -92.029 | 0.0 |
| 80 | 15835 | 15836 | SN | 1 | 57.506 | 58.297 | 0.0 | 0.0 | 285.561 | 3.258 | 1205.84 | 1273.392 | 8.427 | -93.273 | -92.029 | 0.0 |
| 81 | 15835 | 15836 | SN | 1 | 57.506 | 58.297 | 0.0 | 0.0 | 285.561 | 3.711 | 1205.84 | 1273.392 | 8.187 | -93.512 | -92.029 | 0.0 |
| 82 | 15835 | 15836 | NS | 1 | 57.452 | 58.169 | 0.0 | 0.0 | 295.797 | 3.708 | 1216.84 | 1273.136 | 0.0 | -93.229 | -92.086 | 0.0 |
| 83 | 15835 | 15836 | NS | 1 | 57.452 | 58.169 | 0.0 | 0.0 | 295.797 | 3.712 | 1216.84 | 1273.136 | 0.0 | -93.233 | -92.086 | 0.0 |
| 84 | 15836 | 15837 | NS | 1 | 57.462 | 58.168 | 0.0 | 0.0 | 291.076 | 3.881 | 1216.88 | 1272.904 | 0.0 | -93.136 | -92.094 | 0.0 |
| 85 | 15836 | 15837 | SN | 1 | 57.513 | 58.299 | 0.0 | 0.0 | 297.644 | 3.771 | 1205.712 | 1273.24 | 8.05 | -93.204 | -92.028 | 0.0 |
| 86 | 15836 | 15837 | SN | 2 | 57.513 | 58.299 | 0.0 | 0.0 | 297.644 | 3.771 | 1205.712 | 1273.24 | 8.05 | -93.204 | -92.028 | 0.0 |
| 87 | 15836 | 15837 | SN | 1 | 57.509 | 58.299 | 0.0 | 0.0 | 295.808 | 3.104 | 1205.712 | 1273.24 | 8.417 | -93.204 | -92.028 | 0.0 |
| 88 | 15836 | 15837 | NS | 1 | 57.468 | 58.172 | 0.0 | 0.0 | 291.049 | 3.883 | 1216.6 | 1272.976 | 0.0 | -93.022 | -92.094 | 0.0 |
| 89 | 15837 | 15838 | SN | 1 | 57.51 | 58.296 | 0.0 | 0.0 | 294.214 | 2.898 | 1205.792 | 1273.28 | 6.786 | -93.089 | -92.028 | 0.0 |
| 90 | 15837 | 15838 | NS | 1 | 57.45 | 58.17 | 0.0 | 0.0 | 296.343 | 3.764 | 1216.104 | 1273.008 | 0.0 | -93.055 | -92.099 | 0.0 |
| 91 | 15837 | 15838 | NS | 1 | 57.457 | 58.174 | 0.0 | 0.0 | 296.343 | 3.76 | 1215.888 | 1273.008 | 0.0 | -93.124 | -92.099 | 0.0 |
| 92 | 15837 | 15838 | SN | 1 | 57.511 | 58.293 | 0.0 | 0.0 | 295.996 | 3.883 | 1205.8 | 1273.184 | 6.342 | -93.089 | -92.028 | 0.0 |
| 93 | 15837 | 15838 | SN | 2 | 57.51 | 58.296 | 0.0 | 0.0 | 295.996 | 3.88 | 1205.792 | 1273.28 | 6.346 | -93.089 | -92.028 | 0.0 |
| 94 | 15838 | 15839 | SN | 1 | 57.531 | 58.313 | 0.0 | 0.0 | 296.045 | 3.804 | 1206.896 | 1273.448 | 6.297 | -93.126 | -91.986 | 0.0 |
| 95 | 15838 | 15839 | SN | 1 | 57.531 | 58.313 | 0.0 | 0.0 | 296.045 | 3.8 | 1206.944 | 1273.448 | 6.291 | -93.126 | -91.986 | 0.0 |
| 96 | 15838 | 15839 | SN | 1 | 57.531 | 58.313 | 0.0 | 0.0 | 296.045 | 2.49 | 1206.896 | 1273.448 | 6.867 | -93.126 | -91.986 | 0.0 |
| 97 | 15838 | 15839 | NS | 2 | 57.451 | 58.182 | 0.0 | 0.0 | 296.928 | 3.807 | 1215.64 | 1273.152 | 0.0 | -93.236 | -92.099 | 0.0 |
| 98 | 15838 | 15839 | NS | 1 | 57.454 | 58.186 | 0.0 | 0.0 | 296.839 | 3.807 | 1215.792 | 1273.056 | 0.0 | -93.262 | -92.099 | 0.0 |
| 99 | 15839 | 15840 | SN | 1 | 57.527 | 58.298 | 0.0 | 0.0 | 290.392 | 3.741 | 1206.832 | 1273.424 | 6.116 | -93.171 | -91.976 | 0.0 |
| 100 | 15839 | 15840 | SN | 2 | 57.527 | 58.298 | 0.0 | 0.0 | 290.392 | 3.741 | 1206.832 | 1273.424 | 6.116 | -93.171 | -91.976 | 0.0 |
| 101 | 15839 | 15840 | NS | 1 | 57.452 | 58.177 | 0.0 | 0.003 | 295.086 | 3.841 | 1215.896 | 1273.112 | 0.0 | -93.246 | -92.077 | 0.0 |
| 102 | 15839 | 15840 | NS | 1 | 57.452 | 58.17 | 0.0 | 0.003 | 295.086 | 3.837 | 1215.896 | 1273.112 | 0.0 | -93.246 | -92.077 | 0.0 |
| 103 | 15840 | 15841 | NS | 1 | 57.47 | 58.169 | 0.0 | 0.0 | 297.887 | 3.758 | 1216.16 | 1272.912 | 0.0 | -93.171 | -92.066 | 0.0 |
| 104 | 15840 | 15841 | NS | 1 | 57.485 | 58.169 | 0.0 | 0.0 | 297.887 | 3.762 | 1216.328 | 1272.912 | 0.0 | -93.18 | -92.066 | 0.0 |
| 105 | 15840 | 15841 | SN | 1 | 57.511 | 58.299 | 0.0 | 0.0 | 299.812 | 3.799 | 1206.288 | 1273.4 | 6.695 | -93.031 | -92.012 | 0.0 |
| 106 | 15841 | 15842 | SN | 1 | 57.516 | 58.3 | 0.0 | 0.0 | 299.437 | 3.855 | 1206.648 | 1273.312 | 7.549 | -93.069 | -92.012 | 0.0 |
| 107 | 15841 | 15842 | NS | 1 | 57.483 | 58.169 | 0.0 | 0.0 | 289.058 | 3.473 | 1215.896 | 1273.0 | 0.0 | -93.163 | -92.09 | 0.0 |
| 108 | 15841 | 15842 | NS | 1 | 57.483 | 58.171 | 0.0 | 0.0 | 289.058 | 3.656 | 1215.896 | 1273.016 | 0.0 | -93.163 | -92.09 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-----|---------|-------|----------|----------|-------|---------|---------|-----|
| 109 | 15841 | 15842 | NS | 1 | 57.483 | 58.17 | 0.0 | 0.0 | 289.058 | 3.651 | 1215.776 | 1273.016 | 0.0 | -93.163 | -92.09 | 0.0 |
| 110 | 15841 | 15842 | SN | 1 | 57.516 | 58.3 | 0.0 | 0.0 | 299.437 | 3.845 | 1206.648 | 1273.312 | 7.555 | -93.069 | -92.012 | 0.0 |
| 111 | 15842 | 15843 | SN | 1 | 57.525 | 58.301 | 0.0 | 0.0 | 296.453 | 3.759 | 1206.68 | 1273.376 | 7.377 | -92.971 | -92.007 | 0.0 |
| 112 | 15842 | 15843 | NS | 2 | 57.449 | 58.181 | 0.0 | 0.0 | 292.229 | 3.663 | 1215.968 | 1273.08 | 0.0 | -93.216 | -92.096 | 0.0 |
| 113 | 15842 | 15843 | NS | 1 | 57.449 | 58.181 | 0.0 | 0.0 | 292.229 | 3.663 | 1215.968 | 1273.08 | 0.0 | -93.216 | -92.096 | 0.0 |
| 114 | 15842 | 15843 | NS | 1 | 57.449 | 58.181 | 0.0 | 0.0 | 292.229 | 3.064 | 1215.968 | 1272.2 | 0.0 | -93.213 | -92.096 | 0.0 |
| 115 | 15842 | 15843 | SN | 1 | 57.525 | 58.301 | 0.0 | 0.0 | 296.453 | 3.756 | 1206.68 | 1273.376 | 7.384 | -92.971 | -92.007 | 0.0 |
| 116 | 15843 | 15844 | NS | 1 | 57.395 | 58.19 | 0.0 | 0.0 | 297.7 | 2.77 | 1215.736 | 1270.392 | 0.0 | -95.069 | -92.097 | 0.0 |
| 117 | 15843 | 15844 | NS | 1 | 57.395 | 58.19 | 0.0 | 0.0 | 297.7 | 3.825 | 1215.736 | 1273.112 | 0.0 | -95.069 | -92.097 | 0.0 |
| 118 | 15843 | 15844 | NS | 2 | 57.395 | 58.19 | 0.0 | 0.0 | 297.7 | 3.824 | 1215.736 | 1273.168 | 0.0 | -95.069 | -92.097 | 0.0 |
| 119 | 15843 | 15844 | SN | 1 | 57.511 | 58.302 | 0.0 | 0.0 | 293.762 | 3.749 | 1206.544 | 1273.448 | 7.196 | -93.01 | -92.031 | 0.0 |
| 120 | 15843 | 15844 | SN | 1 | 57.497 | 58.302 | 0.0 | 0.0 | 293.762 | 3.745 | 1206.544 | 1273.448 | 7.188 | -93.225 | -92.031 | 0.0 |
| 121 | 15844 | 15845 | NS | 1 | 57.447 | 58.184 | 0.0 | 0.0 | 295.543 | 3.691 | 1215.384 | 1273.272 | 0.0 | -93.208 | -92.096 | 0.0 |
| 122 | 15844 | 15845 | NS | 1 | 57.447 | 58.184 | 0.0 | 0.0 | 286.582 | 1.985 | 1215.384 | 1268.84 | 0.0 | -93.088 | -92.096 | 0.0 |
| 123 | 15844 | 15845 | SN | 1 | 57.504 | 58.301 | 0.0 | 0.0 | 285.842 | 3.885 | 1205.928 | 1273.488 | 7.306 | -93.095 | -92.035 | 0.0 |
| 124 | 15844 | 15845 | SN | 2 | 57.504 | 58.304 | 0.0 | 0.0 | 285.682 | 3.886 | 1205.92 | 1273.56 | 7.337 | -93.114 | -92.034 | 0.0 |
| 125 | 15844 | 15845 | SN | 1 | 57.504 | 58.304 | 0.0 | 0.0 | 285.682 | 2.683 | 1205.92 | 1273.56 | 7.774 | -93.114 | -92.034 | 0.0 |
| 126 | 15844 | 15845 | NS | 2 | 57.447 | 58.184 | 0.0 | 0.0 | 295.588 | 3.69 | 1215.384 | 1273.192 | 0.0 | -93.204 | -92.096 | 0.0 |
| 127 | 15845 | 15846 | NS | 1 | 57.475 | 58.167 | 0.0 | 0.0 | 296.282 | 3.882 | 1215.464 | 1272.824 | 0.0 | -93.113 | -92.097 | 0.0 |
| 128 | 15845 | 15846 | NS | 1 | 57.466 | 58.17 | 0.0 | 0.0 | 290.072 | 3.879 | 1215.56 | 1272.736 | 0.0 | -93.154 | -92.098 | 0.0 |

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

■ 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 | 15816 | 15817 | SN | 1 | -33.678 | 20.948 | 0.0 | -34.623 | 20.557 | 0.0 | -19.838 | 22.65 | 0.008 | -25.703 | 21.926 | 0.0 | 0.086 | 172.787 | 3.597 | 0.086 | 214.814 | 2.593 | 0.086 | 7.2 | 0.021 | 0.086 | 27.604 | 0.009 |
| 2 | 15817 | 15818 | SN | 1 | -34.936 | 20.577 | 0.0 | -34.388 | 20.673 | 0.0 | -31.893 | 22.252 | 0.008 | -34.235 | 22.099 | 0.006 | 0.086 | 230.841 | 2.445 | 0.086 | 203.449 | 2.174 | 0.086 | 149.933 | 0.195 | 0.086 | 257.002 | 1.071 |
| 3 | 15817 | 15818 | NS | 1 | -32.764 | 18.269 | 0.0 | -33.774 | 19.742 | 0.0 | -3.126 | 20.888 | 0.0 | -4.457 | 22.82 | 0.009 | 0.086 | 140.009 | 2.422 | 0.086 | 176.687 | 2.676 | 0.086 | 0.223 | 0.0 | 0.086 | 0.276 | 0.0 |
| 4 | 15817 | 15818 | SN | 1 | -34.936 | 20.577 | 0.0 | -34.388 | 20.673 | 0.0 | -31.893 | 22.252 | 0.018 | -34.235 | 22.099 | 0.016 | 0.086 | 230.841 | 2.605 | 0.086 | 203.449 | 2.195 | 0.086 | 149.933 | 0.425 | 0.086 | 257.002 | 2.694 |
| 5 | 15817 | 15818 | NS | 1 | -34.956 | 18.269 | 0.0 | -34.598 | 19.74 | 0.0 | -3.126 | 20.891 | 0.0 | -4.457 | 22.82 | 0.009 | 0.086 | 231.928 | 2.435 | 0.086 | 213.61 | 2.679 | 0.086 | 0.223 | 0.0 | 0.086 | 0.276 | 0.0 |
| 6 | 15818 | 15819 | SN | 3 | -34.866 | 16.303 | 0.0 | -32.853 | 16.742 | 0.0 | -11.483 | 21.722 | 0.0 | -14.924 | 22.322 | 0.012 | 0.087 | 266.039 | 0.376 | 0.087 | 167.399 | 0.32 | 0.086 | 1.107 | 0.004 | 0.086 | 2.366 | 0.004 |
| 7 | 15818 | 15819 | NS | 1 | -32.236 | 17.834 | 0.0 | -34.654 | 16.771 | 0.0 | -10.597 | 20.388 | 0.0 | -20.858 | 22.494 | 0.014 | 0.086 | 133.151 | 1.958 | 0.087 | 216.309 | 1.866 | 0.086 | 0.915 | 0.0 | 0.086 | 9.087 | 0.041 |
| 8 | 15818 | 15819 | NS | 1 | -32.236 | 17.834 | 0.0 | -34.654 | 16.771 | 0.0 | -10.597 | 20.388 | 0.0 | -20.858 | 22.494 | 0.014 | 0.086 | 133.151 | 1.958 | 0.087 | 216.309 | 1.867 | 0.086 | 0.915 | 0.0 | 0.086 | 9.087 | 0.041 |
| 9 | 15818 | 15819 | SN | 1 | -34.866 | 16.303 | 0.0 | -32.853 | 16.742 | 0.0 | -11.483 | 21.722 | 0.0 | -14.924 | 22.322 | 0.012 | 0.087 | 266.039 | 0.376 | 0.087 | 167.399 | 0.32 | 0.086 | 1.107 | 0.004 | 0.086 | 2.366 | 0.004 |
| 10 | 15818 | 15819 | SN | 2 | -34.866 | 16.303 | 0.0 | -32.853 | 16.742 | 0.0 | -11.483 | 21.722 | 0.0 | -14.924 | 22.322 | 0.012 | 0.087 | 266.039 | 0.376 | 0.087 | 167.399 | 0.32 | 0.086 | 1.107 | 0.004 | 0.086 | 2.366 | 0.004 |
| 11 | 15819 | 15820 | SN | 1 | -34.994 | 17.579 | 0.0 | -34.185 | 18.031 | 0.0 | 1.506 | 22.2 | 0.006 | 1.21 | 21.394 | 0.0 | 0.087 | 234.004 | 2.209 | 0.086 | 194.232 | 1.775 | 0.086 | 0.129 | 0.0 | 0.086 | 0.133 | 0.0 |
| 12 | 15819 | 15820 | NS | 1 | -34.733 | 17.828 | 0.0 | -34.634 | 17.361 | 0.0 | -31.344 | 21.74 | 0.0 | -20.785 | 22.208 | 0.009 | 0.086 | 220.333 | 1.655 | 0.087 | 215.36 | 1.445 | 0.086 | 100.963 | 0.158 | 0.086 | 8.938 | 0.116 |
| 13 | 15819 | 15820 | SN | 1 | -34.994 | 17.693 | 0.0 | -34.674 | 18.02 | 0.0 | 1.506 | 22.2 | 0.006 | 1.21 | 21.394 | 0.0 | 0.086 | 234.004 | 2.272 | 0.086 | 217.307 | 1.752 | 0.086 | 0.129 | 0.0 | 0.086 | 0.133 | 0.0 |
| 14 | 15819 | 15820 | SN | 1 | -34.994 | 17.689 | 0.0 | -34.202 | 18.018 | 0.0 | 1.506 | 22.2 | 0.006 | 1.21 | 21.394 | 0.0 | 0.086 | 234.004 | 2.283 | 0.086 | 194.948 | 1.753 | 0.086 | 0.129 | 0.0 | 0.086 | 0.133 | 0.0 |
| 15 | 15820 | 15821 | NS | 1 | -32.711 | 17.556 | 0.0 | -34.304 | 17.816 | 0.0 | -7.776 | 22.778 | 0.008 | -8.909 | 22.698 | 0.021 | 0.087 | 138.346 | 1.596 | 0.086 | 199.635 | 1.524 | 0.086 | 0.511 | 0.0 | 0.086 | 0.642 | 0.0 |
| 16 | 15820 | 15821 | NS | 2 | -32.68 | 17.556 | 0.0 | -34.304 | 17.816 | 0.0 | -7.776 | 22.778 | 0.008 | -8.909 | 22.698 | 0.021 | 0.087 | 137.364 | 1.596 | 0.086 | 199.635 | 1.524 | 0.086 | 0.511 | 0.0 | 0.086 | 0.642 | 0.0 |
| 17 | 15820 | 15821 | SN | 1 | -34.906 | 16.432 | 0.0 | -34.883 | 18.581 | 0.0 | 1.218 | 21.79 | 0.0 | 2.666 | 22.443 | 0.04 | 0.087 | 229.242 | 4.05 | 0.086 | 228.054 | 3.306 | 0.086 | 0.133 | 0.0 | 0.086 | 0.118 | 0.0 |
| 18 | 15820 | 15821 | SN | 1 | -34.906 | 16.44 | 0.0 | -34.883 | 16.945 | 0.0 | 1.218 | 21.79 | 0.0 | 2.666 | 22.443 | 0.043 | 0.087 | 229.242 | 4.094 | 0.087 | 228.054 | 3.379 | 0.086 | 0.133 | 0.0 | 0.086 | 0.118 | 0.0 |
| 19 | 15821 | 15822 | NS | 1 | -34.69 | 17.389 | 0.0 | -33.751 | 17.381 | 0.0 | -19.138 | 21.751 | 0.0 | -24.578 | 22.166 | 0.009 | 0.087 | 218.128 | 1.878 | 0.087 | 175.734 | 2.063 | 0.086 | 6.136 | 0.039 | 0.086 | 21.315 | 0.048 |
| 20 | 15821 | 15822 | SN | 1 | -34.462 | 16.378 | 0.0 | -34.385 | 16.822 | 0.0 | 0.042 | 21.836 | 0.0 | 2.522 | 21.935 | 0.0 | 0.087 | 206.975 | 6.082 | 0.087 | 203.338 | 5.459 | 0.086 | 0.148 | 0.0 | 0.086 | 0.12 | 0.0 |
| 21 | 15821 | 15822 | SN | 2 | -34.376 | 16.378 | 0.0 | -34.295 | 18.456 | 0.0 | 0.042 | 21.836 | 0.0 | 2.522 | 21.935 | 0.0 | 0.087 | 202.876 | 5.904 | 0.086 | 199.211 | 5.256 | 0.086 | 0.148 | 0.0 | 0.086 | 0.12 | 0.0 |
| 22 | 15821 | 15822 | NS | 2 | -34.69 | 17.389 | 0.0 | -33.751 | 17.381 | 0.0 | -19.138 | 21.751 | 0.0 | -24.578 | 22.166 | 0.009 | 0.087 | 218.128 | 1.878 | 0.087 | 175.734 | 2.063 | 0.086 | 6.136 | 0.039 | 0.086 | 21.315 | 0.048 |
| 23 | 15821 | 15822 | SN | 1 | -34.312 | 16.378 | 0.0 | -34.909 | 18.456 | 0.0 | 0.042 | 21.836 | 0.0 | 2.522 | 21.935 | 0.0 | 0.087 | 199.929 | 5.903 | 0.086 | 229.419 | 5.258 | 0.086 | 0.148 | 0.0 | 0.086 | 0.12 | 0.0 |
| 24 | 15822 | 15823 | NS | 1 | -34.513 | 20.962 | 0.0 | -34.847 | 20.939 | 0.0 | -34.032 | 22.023 | 0.004 | -26.774 | 22.026 | 0.003 | 0.086 | 209.409 | 1.59 | 0.086 | 226.206 | 1.477 | 0.086 | 187.484 | 0.079 | 0.086 | 35.302 | 0.229 |
| 25 | 15822 | 15823 | SN | 2 | -34.648 | 16.084 | 0.0 | -34.96 | 18.42 | 0.0 | -6.912 | 22.645 | 0.061 | 1.308 | 22.973 | 0.138 | 0.087 | 216.032 | 4.211 | 0.086 | 232.179 | 3.656 | 0.086 | 0.431 | 0.0 | 0.086 | 0.132 | 0.0 |
| 26 | 15822 | 15823 | SN | 1 | -34.648 | 15.524 | 0.0 | -34.96 | 15.296 | 0.0 | -6.912 | 22.645 | 0.065 | 1.308 | 22.973 | 0.139 | 0.087 | 216.032 | 4.395 | 0.087 | 232.179 | 3.922 | 0.086 | 0.431 | 0.0 | 0.086 | 0.132 | 0.0 |
| 27 | 15822 | 15823 | SN | 1 | -34.648 | 16.084 | 0.0 | -34.96 | 18.42 | 0.0 | -6.912 | 22.645 | 0.061 | 1.308 | 22.973 | 0.138 | 0.087 | 216.032 | 4.211 | 0.086 | 232.179 | 3.656 | 0.086 | 0.431 | 0.0 | 0.086 | 0.132 | 0.0 |
| 28 | 15822 | 15823 | NS | 1 | -34.47 | 20.959 | 0.0 | -34.923 | 20.939 | 0.0 | -34.224 | 22.023 | 0.004 | -26.76 | 22.028 | 0.003 | 0.086 | 207.331 | 1.607 | 0.086 | 230.128 | 1.476 | 0.086 | 195.964 | 0.079 | 0.086 | 35.184 | 0.228 |
| 29 | 15823 | 15824 | NS | 1 | -34.779 | 21.015 | 0.0 | -34.936 | 20.546 | 0.0 | 2.462 | 21.977 | 0.0 | 1.458 | 22.713 | 0.07 | 0.086 | 222.705 | 1.787 | 0.086 | 230.802 | 1.812 | 0.086 | 0.12 | 0.0 | 0.086 | 0.13 | 0.0 |
| 30 | 15823 | 15824 | SN | 1 | -34.841 | 16.385 | 0.0 | -34.993 | 16.914 | 0.0 | -15.7 | 23.173 | 0.142 | -11.803 | 25.201 | 0.451 | 0.087 | 225.878 | 6.842 | 0.087 | 233.879 | 7.073 | 0.086 | 2.816 | 0.003 | 0.086 | 1.187 | 0.002 |
| 31 | 15823 | 15824 | SN | 1 | -34.67 | 16.385 | 0.0 | -34.946 | 17.795 | 0.0 | -15.842 | 23.173 | 0.133 | -11.817 | 25.202 | 0.45 | 0.087 | 217.119 | 6.393 | 0.086 | 231.384 | 6.118 | 0.086 | 2.908 | 0.003 | 0.086 | 1.19 | 0.002 |
| 32 | 15823 | 15824 | SN | 1 | -34.841 | 16.385 | 0.0 | -34.993 | 17.795 | 0.0 | -15.838 | 23.173 | 0.133 | -11.803 | 25.201 | 0.45 | 0.087 | 225.878 | 6.42 | 0.086 | 233.879 | 6.114 | 0.086 | 2.905 | 0.003 | 0.086 | 1.187 | 0.002 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 15824 | 15825 | NS | 1 | -34.7 | 22.407 | 0.002 | -34.988 | 16.629 | 0.0 | -1.984 | 22.823 | 0.046 | -7.707 | 23.352 | 0.66 | 0.086 | 218.68 | 3.223 | 0.087 | 233.618 | 2.937 | 0.086 | 0.19 | 0.0 | 0.086 | 0.504 | 0.0 |
| 34 | 15824 | 15825 | NS | 2 | -34.7 | 22.409 | 0.002 | -34.815 | 16.601 | 0.0 | -1.984 | 22.823 | 0.046 | -7.707 | 23.352 | 0.656 | 0.086 | 218.68 | 3.225 | 0.087 | 224.529 | 2.932 | 0.086 | 0.19 | 0.0 | 0.086 | 0.504 | 0.0 |
| 35 | 15824 | 15825 | SN | 1 | -33.13 | 17.576 | 0.0 | -34.275 | 18.552 | 0.0 | -24.139 | 22.845 | 0.063 | -21.461 | 23.677 | 0.208 | 0.087 | 152.335 | 1.932 | 0.086 | 203.335 | 1.675 | 0.086 | 19.27 | 0.08 | 0.086 | 10.431 | 0.009 |
| 36 | 15825 | 15826 | SN | 1 | -34.515 | 19.737 | 0.0 | -33.217 | 20.118 | 0.0 | -5.863 | 23.077 | 0.088 | -2.868 | 22.982 | 0.092 | 0.086 | 209.476 | 2.226 | 0.086 | 155.389 | 2.205 | 0.086 | 0.354 | 0.0 | 0.086 | 0.215 | 0.0 |
| 37 | 15825 | 15826 | NS | 1 | -34.834 | 20.504 | 0.0 | -33.421 | 21.917 | 0.0 | -15.535 | 22.831 | 0.095 | -20.528 | 23.439 | 0.824 | 0.086 | 225.485 | 2.008 | 0.086 | 162.887 | 1.959 | 0.086 | 2.713 | 0.006 | 0.086 | 8.428 | 0.01 |
| 38 | 15826 | 15827 | SN | 1 | -34.527 | 18.993 | 0.0 | -34.242 | 19.717 | 0.0 | -25.545 | 22.74 | 0.058 | -19.147 | 22.775 | 0.089 | 0.086 | 210.122 | 2.248 | 0.086 | 196.788 | 2.062 | 0.086 | 26.619 | 0.151 | 0.086 | 6.15 | 0.022 |
| 39 | 15826 | 15827 | SN | 2 | -34.441 | 18.993 | 0.0 | -34.261 | 19.717 | 0.0 | -25.572 | 22.74 | 0.058 | -19.145 | 22.775 | 0.089 | 0.086 | 205.936 | 2.248 | 0.086 | 197.601 | 2.062 | 0.086 | 26.78 | 0.151 | 0.086 | 6.147 | 0.022 |
| 40 | 15826 | 15827 | NS | 1 | -34.71 | 19.882 | 0.0 | -34.957 | 21.429 | 0.0 | -10.748 | 22.232 | 0.022 | -9.486 | 23.312 | 0.372 | 0.086 | 219.164 | 1.976 | 0.086 | 231.973 | 2.161 | 0.086 | 0.945 | 0.0 | 0.086 | 0.724 | 0.0 |
| 41 | 15826 | 15827 | NS | 1 | -34.916 | 19.882 | 0.0 | -34.968 | 21.429 | 0.0 | -10.748 | 22.232 | 0.022 | -9.486 | 23.312 | 0.372 | 0.086 | 229.746 | 1.972 | 0.086 | 232.571 | 2.161 | 0.086 | 0.945 | 0.0 | 0.086 | 0.724 | 0.0 |
| 42 | 15827 | 15828 | NS | 1 | -34.19 | 21.097 | 0.0 | -34.704 | 20.232 | 0.0 | -11.65 | 22.367 | 0.04 | -11.881 | 23.754 | 0.477 | 0.086 | 194.432 | 1.41 | 0.086 | 218.816 | 1.163 | 0.086 | 1.178 | 0.005 | 0.086 | 1.207 | 0.004 |
| 43 | 15827 | 15828 | NS | 1 | -34.19 | 21.097 | 0.0 | -34.704 | 20.232 | 0.0 | -11.65 | 22.367 | 0.037 | -11.881 | 23.753 | 0.435 | 0.086 | 194.432 | 1.41 | 0.086 | 218.816 | 1.163 | 0.086 | 1.178 | 0.005 | 0.086 | 1.207 | 0.003 |
| 44 | 15827 | 15828 | NS | 1 | -34.917 | 21.1 | 0.0 | -34.745 | 20.232 | 0.0 | -12.147 | 22.367 | 0.037 | -11.882 | 23.753 | 0.435 | 0.086 | 229.854 | 1.409 | 0.086 | 220.96 | 1.164 | 0.086 | 1.279 | 0.005 | 0.086 | 1.208 | 0.003 |
| 45 | 15827 | 15828 | SN | 1 | -34.943 | 17.441 | 0.0 | -34.441 | 18.439 | 0.0 | -32.644 | 23.021 | 0.06 | -33.062 | 23.286 | 0.064 | 0.087 | 237.15 | 2.868 | 0.086 | 205.975 | 2.211 | 0.086 | 136.245 | 0.115 | 0.086 | 149.946 | 0.111 |
| 46 | 15827 | 15828 | SN | 2 | -34.943 | 17.441 | 0.0 | -34.441 | 18.439 | 0.0 | -32.644 | 23.021 | 0.06 | -33.062 | 23.286 | 0.064 | 0.087 | 237.15 | 2.868 | 0.086 | 205.975 | 2.211 | 0.086 | 136.245 | 0.115 | 0.086 | 149.946 | 0.111 |
| 47 | 15828 | 15829 | NS | 2 | -34.807 | 17.941 | 0.0 | -34.776 | 17.421 | 0.0 | -12.976 | 22.466 | 0.036 | -9.045 | 23.063 | 0.453 | 0.086 | 224.064 | 3.232 | 0.087 | 222.483 | 3.021 | 0.086 | 1.534 | 0.012 | 0.086 | 0.661 | 0.0 |
| 48 | 15828 | 15829 | NS | 1 | -34.807 | 17.941 | 0.0 | -34.776 | 17.421 | 0.0 | -12.976 | 22.466 | 0.055 | -9.045 | 23.06 | 0.623 | 0.086 | 224.064 | 3.243 | 0.087 | 222.483 | 3.021 | 0.086 | 1.534 | 0.018 | 0.086 | 0.661 | 0.0 |
| 49 | 15828 | 15829 | SN | 1 | -34.485 | 17.746 | 0.0 | -34.998 | 17.933 | 0.0 | -33.218 | 23.021 | 0.103 | -22.272 | 23.061 | 0.208 | 0.086 | 208.079 | 2.298 | 0.086 | 234.164 | 2.046 | 0.086 | 155.47 | 0.084 | 0.086 | 12.558 | 0.118 |
| 50 | 15828 | 15829 | SN | 1 | -34.826 | 17.744 | 0.0 | -34.516 | 17.935 | 0.0 | -33.984 | 23.023 | 0.103 | -22.247 | 23.061 | 0.208 | 0.086 | 225.088 | 2.296 | 0.086 | 209.593 | 2.045 | 0.086 | 185.412 | 0.084 | 0.086 | 12.49 | 0.118 |
| 51 | 15828 | 15829 | NS | 1 | -34.807 | 17.941 | 0.0 | -34.776 | 17.421 | 0.0 | -12.976 | 22.466 | 0.036 | -9.045 | 23.063 | 0.453 | 0.086 | 224.064 | 3.232 | 0.087 | 222.483 | 3.021 | 0.086 | 1.534 | 0.012 | 0.086 | 0.661 | 0.0 |
| 52 | 15829 | 15830 | NS | 1 | -34.611 | 19.519 | 0.0 | -34.861 | 20.914 | 0.0 | -10.888 | 22.556 | 0.071 | 2.542 | 23.262 | 0.512 | 0.086 | 214.191 | 3.726 | 0.086 | 226.933 | 3.763 | 0.086 | 0.974 | 0.0 | 0.086 | 0.12 | 0.0 |
| 53 | 15829 | 15830 | NS | 1 | -34.611 | 19.519 | 0.0 | -34.861 | 20.914 | 0.0 | -10.888 | 22.325 | 0.031 | 2.516 | 22.922 | 0.155 | 0.086 | 214.191 | 3.767 | 0.086 | 226.933 | 3.76 | 0.086 | 0.974 | 0.0 | 0.086 | 0.12 | 0.0 |
| 54 | 15829 | 15830 | SN | 1 | -34.168 | 16.794 | 0.0 | -33.656 | 18.145 | 0.0 | 0.358 | 22.826 | 0.189 | 0.625 | 23.286 | 0.925 | 0.087 | 193.445 | 1.941 | 0.086 | 171.949 | 1.688 | 0.086 | 0.144 | 0.0 | 0.086 | 0.14 | 0.0 |
| 55 | 15829 | 15830 | SN | 1 | -34.349 | 16.794 | 0.0 | -33.766 | 18.144 | 0.0 | 0.358 | 22.826 | 0.189 | 0.621 | 23.286 | 0.925 | 0.087 | 201.699 | 1.931 | 0.086 | 176.327 | 1.685 | 0.086 | 0.144 | 0.0 | 0.086 | 0.14 | 0.0 |
| 56 | 15829 | 15830 | NS | 2 | -34.611 | 19.519 | 0.0 | -34.861 | 20.914 | 0.0 | -10.888 | 22.556 | 0.071 | 2.542 | 23.262 | 0.512 | 0.086 | 214.191 | 3.726 | 0.086 | 226.933 | 3.763 | 0.086 | 0.974 | 0.0 | 0.086 | 0.12 | 0.0 |
| 57 | 15830 | 15831 | NS | 1 | -34.738 | 18.116 | 0.0 | -34.96 | 16.892 | 0.0 | 1.884 | 20.896 | 0.0 | 0.678 | 20.015 | 0.0 | 0.086 | 220.545 | 3.863 | 0.087 | 232.115 | 3.301 | 0.086 | 0.126 | 0.0 | 0.086 | 0.139 | 0.0 |
| 58 | 15830 | 15831 | NS | 2 | -34.738 | 18.116 | 0.0 | -34.96 | 16.894 | 0.0 | 1.64 | 23.052 | 0.223 | 0.648 | 23.218 | 0.474 | 0.086 | 220.545 | 3.556 | 0.087 | 232.115 | 3.275 | 0.086 | 0.128 | 0.0 | 0.086 | 0.14 | 0.0 |
| 59 | 15830 | 15831 | NS | 1 | -34.752 | 18.116 | 0.0 | -34.96 | 16.894 | 0.0 | 1.64 | 23.052 | 0.223 | 0.648 | 23.218 | 0.474 | 0.086 | 221.217 | 3.556 | 0.087 | 232.115 | 3.275 | 0.086 | 0.128 | 0.0 | 0.086 | 0.14 | 0.0 |
| 60 | 15830 | 15831 | SN | 1 | -34.999 | 15.874 | 0.0 | -34.538 | 17.39 | 0.0 | -6.455 | 22.69 | 0.014 | -3.699 | 22.506 | 0.029 | 0.087 | 234.225 | 3.637 | 0.087 | 210.649 | 3.477 | 0.086 | 0.395 | 0.0 | 0.086 | 0.244 | 0.0 |
| 61 | 15830 | 15831 | SN | 1 | -34.999 | 17.256 | 0.0 | -34.55 | 18.338 | 0.0 | -6.455 | 22.69 | 0.042 | -3.699 | 22.819 | 0.071 | 0.087 | 234.225 | 3.569 | 0.086 | 211.23 | 3.165 | 0.086 | 0.395 | 0.0 | 0.086 | 0.244 | 0.0 |
| 62 | 15831 | 15832 | SN | 1 | -34.849 | 20.605 | 0.0 | -34.677 | 20.623 | 0.0 | -22.754 | 22.902 | 0.009 | -22.063 | 22.217 | 0.008 | 0.086 | 226.274 | 5.71 | 0.086 | 217.474 | 4.941 | 0.086 | 14.027 | 0.016 | 0.086 | 11.975 | 0.005 |
| 63 | 15831 | 15832 | NS | 1 | -34.324 | 19.352 | 0.0 | -34.95 | 19.514 | 0.0 | -0.467 | 22.016 | 0.002 | -1.312 | 24.544 | 0.054 | 0.086 | 200.5 | 6.3 | 0.086 | 231.577 | 6.57 | 0.086 | 0.157 | 0.0 | 0.086 | 0.174 | 0.0 |
| 64 | 15831 | 15832 | SN | 1 | -34.849 | 20.605 | 0.0 | -34.677 | 20.623 | 0.0 | -22.754 | 22.902 | 0.009 | -33.734 | 22.217 | 0.008 | 0.086 | 226.274 | 5.956 | 0.086 | 217.474 | 4.958 | 0.086 | 14.027 | 0.016 | 0.086 | 175.028 | 0.007 |
| 65 | 15832 | 15833 | SN | 2 | -34.82 | 20.218 | 0.0 | -34.889 | 21.14 | 0.0 | -5.72 | 22.454 | 0.01 | -5.594 | 22.39 | 0.005 | 0.086 | 224.756 | 2.23 | 0.086 | 228.389 | 1.709 | 0.086 | 0.345 | 0.0 | 0.086 | 0.337 | 0.0 |
| 66 | 15832 | 15833 | NS | 1 | -34.772 | 18.863 | 0.0 | -31.5 | 19.152 | 0.0 | -19.428 | 22.492 | 0.007 | -12.13 | 23.085 | 0.028 | 0.086 | 222.25 | 1.365 | 0.086 | 104.69 | 1.056 | 0.086 | 6.556 | 0.005 | 0.086 | 1.274 | 0.003 |
| 67 | 15832 | 15833 | NS | 1 | -34.772 | 18.861 | 0.0 | -34.728 | 19.152 | 0.0 | -19.469 | 22.492 | 0.007 | -12.151 | 23.085 | 0.028 | 0.086 | 222.25 | 1.368 | 0.086 | 220.047 | 1.063 | 0.086 | 6.617 | 0.005 | 0.086 | 1.28 | 0.003 |
| 68 | 15832 | 15833 | SN | 1 | -34.82 | 20.218 | 0.0 | -34.974 | 21.14 | 0.0 | -5.722 | 22.454 | 0.01 | -5.594 | 22.39 | 0.005 | 0.086 | 224.756 | 2.23 | 0.086 | 232.9 | 1.709 | 0.086 | 0.345 | 0.0 | 0.086 | 0.337 | 0.0 |
| 69 | 15832 | 15833 | SN | 1 | -34.82 | 20.218 | 0.0 | -34.889 | 21.14 | 0.0 | -5.722 | 22.454 | 0.01 | -5.594 | 22.39 | 0.005 | 0.086 | 224.756 | 2.322 | 0.086 | 228.389 | 1.705 | 0.086 | 0.345 | 0.0 | 0.086 | 0.337 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 70 | 15833 | 15834 | SN | 1 | -34.762 | 17.884 | 0.0 | -34.882 | 18.522 | 0.0 | 1.156 | 21.582 | 0.0 | 1.809 | 21.32 | 0.0 | 0.086 | 221.773 | 1.427 | 0.086 | 233.772 | 1.258 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 71 | 15833 | 15834 | SN | 1 | -34.778 | 18.215 | 0.0 | -34.854 | 18.521 | 0.0 | 1.156 | 21.582 | 0.0 | 1.809 | 21.32 | 0.0 | 0.086 | 222.561 | 1.517 | 0.086 | 226.5 | 1.245 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 72 | 15833 | 15834 | NS | 1 | -34.122 | 18.44 | 0.0 | -34.557 | 17.424 | 0.0 | -6.836 | 22.059 | 0.002 | -17.365 | 22.723 | 0.008 | 0.086 | 191.388 | 2.01 | 0.087 | 211.53 | 1.818 | 0.086 | 0.425 | 0.0 | 0.086 | 4.102 | 0.016 |
| 73 | 15833 | 15834 | SN | 1 | -34.762 | 18.216 | 0.0 | -34.882 | 18.522 | 0.0 | 1.156 | 21.582 | 0.0 | 1.809 | 21.32 | 0.0 | 0.086 | 221.773 | 1.515 | 0.086 | 233.772 | 1.25 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 74 | 15834 | 15835 | NS | 1 | -33.78 | 18.085 | 0.0 | -34.405 | 18.147 | 0.0 | -23.758 | 22.41 | 0.003 | -24.402 | 22.427 | 0.014 | 0.086 | 176.916 | 1.573 | 0.086 | 204.255 | 1.585 | 0.086 | 17.663 | 0.017 | 0.086 | 20.47 | 0.068 |
| 75 | 15834 | 15835 | SN | 1 | -34.725 | 16.34 | 0.0 | -34.677 | 17.331 | 0.0 | 0.913 | 22.147 | 0.011 | 1.801 | 22.285 | 0.018 | 0.087 | 219.898 | 2.439 | 0.087 | 217.462 | 2.314 | 0.086 | 0.136 | 0.0 | 0.086 | 0.126 | 0.0 |
| 76 | 15834 | 15835 | SN | 1 | -34.714 | 17.576 | 0.0 | -34.496 | 18.522 | 0.0 | 0.913 | 22.147 | 0.011 | 1.801 | 22.285 | 0.018 | 0.087 | 219.392 | 2.434 | 0.086 | 208.587 | 2.277 | 0.086 | 0.136 | 0.0 | 0.086 | 0.126 | 0.0 |
| 77 | 15834 | 15835 | SN | 1 | -34.725 | 17.577 | 0.0 | -34.677 | 18.521 | 0.0 | 0.913 | 22.147 | 0.011 | 1.801 | 22.285 | 0.018 | 0.087 | 219.898 | 2.431 | 0.086 | 217.462 | 2.279 | 0.086 | 0.136 | 0.0 | 0.086 | 0.126 | 0.0 |
| 78 | 15834 | 15835 | NS | 2 | -33.78 | 18.083 | 0.0 | -34.405 | 18.147 | 0.0 | -23.758 | 22.41 | 0.003 | -24.402 | 22.427 | 0.014 | 0.086 | 176.916 | 1.575 | 0.086 | 204.255 | 1.588 | 0.086 | 17.663 | 0.017 | 0.086 | 20.47 | 0.068 |
| 79 | 15835 | 15836 | SN | 1 | -34.803 | 16.2 | 0.0 | -34.988 | 18.337 | 0.0 | 1.156 | 21.951 | 0.0 | 1.857 | 22.413 | 0.016 | 0.087 | 223.896 | 6.682 | 0.086 | 233.601 | 6.091 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 80 | 15835 | 15836 | SN | 1 | -34.963 | 16.2 | 0.0 | -34.818 | 16.641 | 0.0 | 1.156 | 21.951 | 0.0 | 1.857 | 22.413 | 0.017 | 0.087 | 232.315 | 6.814 | 0.087 | 224.687 | 6.273 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 81 | 15835 | 15836 | SN | 1 | -34.963 | 16.2 | 0.0 | -34.838 | 18.337 | 0.0 | 1.156 | 21.951 | 0.0 | 1.857 | 22.413 | 0.016 | 0.087 | 232.315 | 6.675 | 0.086 | 225.662 | 6.1 | 0.086 | 0.133 | 0.0 | 0.086 | 0.126 | 0.0 |
| 82 | 15835 | 15836 | NS | 1 | -34.391 | 17.311 | 0.0 | -33.559 | 17.37 | 0.0 | -27.126 | 23.25 | 0.003 | -18.304 | 22.099 | 0.003 | 0.087 | 203.622 | 3.526 | 0.087 | 168.15 | 3.252 | 0.086 | 38.285 | 0.016 | 0.086 | 5.075 | 0.017 |
| 83 | 15835 | 15836 | NS | 1 | -34.391 | 17.311 | 0.0 | -33.559 | 17.37 | 0.0 | -27.126 | 23.25 | 0.003 | -18.304 | 22.099 | 0.003 | 0.087 | 203.622 | 3.535 | 0.087 | 168.15 | 3.257 | 0.086 | 38.285 | 0.016 | 0.086 | 5.075 | 0.017 |
| 84 | 15836 | 15837 | NS | 1 | -34.984 | 17.093 | 0.0 | -34.529 | 18.454 | 0.0 | -24.611 | 21.867 | 0.0 | -24.976 | 22.843 | 0.01 | 0.087 | 233.346 | 0.906 | 0.086 | 210.207 | 0.948 | 0.086 | 21.478 | 0.221 | 0.086 | 23.353 | 0.065 |
| 85 | 15836 | 15837 | SN | 1 | -34.798 | 16.337 | 0.0 | -34.691 | 17.922 | 0.0 | 0.333 | 21.796 | 0.0 | 4.1 | 21.866 | 0.0 | 0.087 | 223.648 | 4.261 | 0.086 | 218.161 | 3.383 | 0.086 | 0.144 | 0.0 | 0.086 | 0.109 | 0.0 |
| 86 | 15836 | 15837 | SN | 2 | -34.798 | 16.337 | 0.0 | -34.691 | 17.922 | 0.0 | 0.333 | 21.796 | 0.0 | 4.1 | 21.866 | 0.0 | 0.087 | 223.648 | 4.261 | 0.086 | 218.161 | 3.383 | 0.086 | 0.144 | 0.0 | 0.086 | 0.109 | 0.0 |
| 87 | 15836 | 15837 | SN | 1 | -34.798 | 16.337 | 0.0 | -34.691 | 15.948 | 0.0 | 0.333 | 21.796 | 0.0 | 4.1 | 21.866 | 0.0 | 0.087 | 223.648 | 4.388 | 0.087 | 218.161 | 3.555 | 0.086 | 0.144 | 0.0 | 0.086 | 0.109 | 0.0 |
| 88 | 15836 | 15837 | NS | 1 | -34.974 | 17.093 | 0.0 | -34.422 | 18.453 | 0.0 | -25.194 | 21.867 | 0.0 | -25.971 | 22.843 | 0.01 | 0.087 | 232.895 | 0.898 | 0.086 | 205.117 | 0.95 | 0.086 | 24.556 | 0.221 | 0.086 | 29.353 | 0.065 |
| 89 | 15837 | 15838 | SN | 1 | -34.668 | 17.054 | 0.0 | -34.304 | 16.197 | 0.0 | -4.167 | 22.904 | 0.132 | -3.315 | 23.402 | 0.275 | 0.087 | 217.023 | 5.624 | 0.087 | 199.615 | 4.748 | 0.086 | 0.263 | 0.0 | 0.086 | 0.23 | 0.0 |
| 90 | 15837 | 15838 | NS | 1 | -34.71 | 20.792 | 0.0 | -34.789 | 21.12 | 0.0 | 2.604 | 22.166 | 0.023 | 1.745 | 26.593 | 0.036 | 0.086 | 219.107 | 2.593 | 0.086 | 223.168 | 2.45 | 0.086 | 0.119 | 0.0 | 0.086 | 0.127 | 0.0 |
| 91 | 15837 | 15838 | NS | 1 | -34.71 | 20.792 | 0.0 | -34.834 | 21.122 | 0.0 | 2.613 | 22.166 | 0.023 | 1.745 | 26.593 | 0.036 | 0.086 | 219.107 | 2.589 | 0.086 | 225.43 | 2.446 | 0.086 | 0.119 | 0.0 | 0.086 | 0.127 | 0.0 |
| 92 | 15837 | 15838 | SN | 1 | -34.79 | 17.054 | 0.0 | -34.263 | 18.092 | 0.0 | -4.174 | 22.904 | 0.124 | -3.315 | 23.402 | 0.274 | 0.087 | 223.211 | 5.286 | 0.086 | 197.678 | 4.303 | 0.086 | 0.264 | 0.0 | 0.086 | 0.23 | 0.0 |
| 93 | 15837 | 15838 | SN | 2 | -34.668 | 17.054 | 0.0 | -34.304 | 18.092 | 0.0 | -4.172 | 22.904 | 0.124 | -3.315 | 23.402 | 0.274 | 0.087 | 217.023 | 5.289 | 0.086 | 199.615 | 4.304 | 0.086 | 0.264 | 0.0 | 0.086 | 0.23 | 0.0 |
| 94 | 15838 | 15839 | SN | 1 | -34.639 | 17.136 | 0.0 | -34.663 | 18.089 | 0.0 | -9.586 | 22.75 | 0.081 | -6.684 | 23.437 | 0.296 | 0.087 | 215.553 | 3.512 | 0.086 | 216.775 | 3.114 | 0.086 | 0.739 | 0.0 | 0.086 | 0.413 | 0.0 |
| 95 | 15838 | 15839 | SN | 1 | -34.422 | 17.136 | 0.0 | -34.702 | 18.089 | 0.0 | -9.664 | 22.75 | 0.081 | -6.684 | 23.437 | 0.296 | 0.087 | 205.107 | 3.532 | 0.086 | 218.763 | 3.132 | 0.086 | 0.751 | 0.0 | 0.086 | 0.413 | 0.0 |
| 96 | 15838 | 15839 | SN | 1 | -34.639 | 17.136 | 0.0 | -34.663 | 16.829 | 0.0 | -9.788 | 22.75 | 0.089 | -6.684 | 23.437 | 0.281 | 0.087 | 215.553 | 3.804 | 0.087 | 216.775 | 3.483 | 0.086 | 0.771 | 0.0 | 0.086 | 0.413 | 0.0 |
| 97 | 15838 | 15839 | NS | 2 | -34.343 | 17.819 | 0.0 | -34.123 | 17.495 | 0.0 | -0.467 | 22.271 | 0.025 | -0.28 | 23.201 | 0.313 | 0.086 | 201.407 | 4.07 | 0.087 | 191.436 | 3.622 | 0.086 | 0.157 | 0.0 | 0.086 | 0.154 | 0.0 |
| 98 | 15838 | 15839 | NS | 1 | -34.23 | 17.819 | 0.0 | -34.461 | 17.495 | 0.0 | -0.467 | 22.271 | 0.025 | -0.281 | 23.201 | 0.313 | 0.086 | 196.254 | 4.071 | 0.087 | 206.951 | 3.621 | 0.086 | 0.157 | 0.0 | 0.086 | 0.154 | 0.0 |
| 99 | 15839 | 15840 | SN | 1 | -33.925 | 17.146 | 0.0 | -32.419 | 17.859 | 0.0 | -21.189 | 23.27 | 0.08 | -7.52 | 23.14 | 0.12 | 0.087 | 182.951 | 1.318 | 0.086 | 129.324 | 1.511 | 0.086 | 9.803 | 0.046 | 0.086 | 0.485 | 0.0 |
| 100 | 15839 | 15840 | SN | 2 | -33.925 | 17.146 | 0.0 | -32.419 | 17.859 | 0.0 | -21.189 | 23.27 | 0.08 | -7.52 | 23.14 | 0.12 | 0.087 | 182.951 | 1.318 | 0.086 | 129.324 | 1.511 | 0.086 | 9.803 | 0.046 | 0.086 | 0.485 | 0.0 |
| 101 | 15839 | 15840 | NS | 1 | -34.994 | 21.169 | 0.0 | -34.784 | 20.77 | 0.0 | -5.973 | 22.474 | 0.097 | -15.04 | 23.635 | 0.854 | 0.086 | 233.961 | 3.47 | 0.086 | 222.878 | 3.135 | 0.086 | 0.361 | 0.0 | 0.086 | 2.428 | 0.006 |
| 102 | 15839 | 15840 | NS | 1 | -34.994 | 21.169 | 0.0 | -34.784 | 20.77 | 0.0 | -5.973 | 22.474 | 0.097 | -15.04 | 23.635 | 0.854 | 0.086 | 233.961 | 3.465 | 0.086 | 222.878 | 3.13 | 0.086 | 0.361 | 0.0 | 0.086 | 2.428 | 0.006 |
| 103 | 15840 | 15841 | NS | 1 | -34.707 | 21.881 | 0.0 | -34.762 | 18.306 | 0.0 | -34.473 | 22.415 | 0.016 | -23.346 | 23.809 | 0.478 | 0.086 | 224.552 | 2.376 | 0.086 | 221.812 | 2.264 | 0.086 | 207.539 | 0.047 | 0.086 | 16.064 | 0.038 |
| 104 | 15840 | 15841 | NS | 1 | -34.158 | 21.881 | 0.0 | -34.507 | 18.306 | 0.0 | -34.473 | 22.415 | 0.016 | -23.346 | 23.809 | 0.478 | 0.086 | 192.936 | 2.377 | 0.086 | 209.164 | 2.272 | 0.086 | 207.539 | 0.047 | 0.086 | 16.064 | 0.038 |
| 105 | 15840 | 15841 | SN | 1 | -34.646 | 20.204 | 0.0 | -34.872 | 19.424 | 0.0 | -34.133 | 22.859 | 0.087 | -27.897 | 23.306 | 0.088 | 0.086 | 215.982 | 2.038 | 0.086 | 227.496 | 1.989 | 0.086 | 191.862 | 0.152 | 0.086 | 45.698 | 0.124 |
| 106 | 15841 | 15842 | SN | 1 | -34.286 | 19.243 | 0.0 | -34.936 | 19.605 | 0.0 | -31.079 | 22.972 | 0.062 | -21.067 | 23.222 | 0.065 | 0.086 | 198.774 | 2.268 | 0.086 | 230.841 | 2.038 | 0.086 | 95.003 | 0.048 | 0.086 | 9.532 | 0.034 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 107 | 15841 | 15842 | NS | 1 | -34.359 | 18.752 | 0.0 | -34.533 | 21.272 | 0.0 | -18.027 | 22.393 | 0.011 | -15.55 | 23.298 | 0.403 | 0.086 | 202.088 | 1.333 | 0.086 | 210.401 | 1.297 | 0.086 | 4.766 | 0.014 | 0.086 | 2.722 | 0.006 |
| 108 | 15841 | 15842 | NS | 1 | -34.359 | 18.752 | 0.0 | -34.533 | 21.272 | 0.0 | -18.027 | 22.393 | 0.01 | -15.55 | 23.298 | 0.397 | 0.086 | 202.088 | 1.332 | 0.086 | 210.401 | 1.297 | 0.086 | 4.766 | 0.014 | 0.086 | 2.722 | 0.006 |
| 109 | 15841 | 15842 | NS | 1 | -34.165 | 18.752 | 0.0 | -34.227 | 21.272 | 0.0 | -18.027 | 22.393 | 0.01 | -15.55 | 23.298 | 0.397 | 0.086 | 193.294 | 1.337 | 0.086 | 196.052 | 1.295 | 0.086 | 4.766 | 0.014 | 0.086 | 2.722 | 0.006 |
| 110 | 15841 | 15842 | SN | 1 | -34.286 | 19.243 | 0.0 | -34.936 | 19.605 | 0.0 | -31.079 | 22.972 | 0.062 | -21.067 | 23.224 | 0.067 | 0.086 | 198.774 | 2.27 | 0.086 | 230.841 | 2.028 | 0.086 | 95.003 | 0.048 | 0.086 | 9.532 | 0.034 |
| 111 | 15842 | 15843 | SN | 1 | -34.731 | 17.502 | 0.0 | -34.601 | 18.32 | 0.0 | -20.388 | 23.102 | 0.072 | -21.175 | 23.083 | 0.112 | 0.087 | 220.185 | 2.196 | 0.086 | 213.752 | 2.087 | 0.086 | 8.161 | 0.014 | 0.086 | 9.771 | 0.021 |
| 112 | 15842 | 15843 | NS | 2 | -34.804 | 18.745 | 0.0 | -34.277 | 18.208 | 0.0 | -20.614 | 22.435 | 0.045 | -11.564 | 23.109 | 0.427 | 0.086 | 223.936 | 2.633 | 0.086 | 198.328 | 1.94 | 0.086 | 8.594 | 0.023 | 0.086 | 1.127 | 0.004 |
| 113 | 15842 | 15843 | NS | 1 | -34.804 | 18.745 | 0.0 | -34.277 | 18.208 | 0.0 | -20.614 | 22.435 | 0.045 | -11.564 | 23.109 | 0.427 | 0.086 | 223.936 | 2.633 | 0.086 | 198.328 | 1.94 | 0.086 | 8.594 | 0.023 | 0.086 | 1.127 | 0.004 |
| 114 | 15842 | 15843 | NS | 1 | -34.804 | 18.745 | 0.0 | -34.277 | 18.208 | 0.0 | -20.614 | 22.435 | 0.057 | -11.564 | 23.112 | 0.515 | 0.086 | 223.936 | 2.641 | 0.086 | 198.328 | 1.94 | 0.086 | 8.594 | 0.029 | 0.086 | 1.127 | 0.005 |
| 115 | 15842 | 15843 | SN | 1 | -34.481 | 17.498 | 0.0 | -34.601 | 18.32 | 0.0 | -20.388 | 23.102 | 0.072 | -21.175 | 23.083 | 0.113 | 0.087 | 207.845 | 2.197 | 0.086 | 213.752 | 2.086 | 0.086 | 8.161 | 0.014 | 0.086 | 9.771 | 0.021 |
| 116 | 15843 | 15844 | NS | 1 | -34.666 | 18.157 | 0.0 | -34.857 | 21.276 | 0.0 | -10.751 | 22.399 | 0.07 | -5.535 | 23.286 | 0.783 | 0.086 | 216.953 | 3.672 | 0.086 | 226.652 | 3.26 | 0.086 | 0.946 | 0.0 | 0.086 | 0.334 | 0.0 |
| 117 | 15843 | 15844 | NS | 1 | -34.666 | 18.157 | 0.0 | -34.857 | 21.276 | 0.0 | -10.751 | 22.399 | 0.033 | -5.535 | 23.283 | 0.567 | 0.086 | 216.953 | 3.661 | 0.086 | 226.652 | 3.26 | 0.086 | 0.946 | 0.0 | 0.086 | 0.334 | 0.0 |
| 118 | 15843 | 15844 | NS | 2 | -34.666 | 18.157 | 0.0 | -34.857 | 21.276 | 0.0 | -10.751 | 22.399 | 0.033 | -5.535 | 23.283 | 0.567 | 0.086 | 216.953 | 3.661 | 0.086 | 226.652 | 3.26 | 0.086 | 0.946 | 0.0 | 0.086 | 0.334 | 0.0 |
| 119 | 15843 | 15844 | SN | 1 | -34.269 | 17.627 | 0.0 | -34.575 | 18.301 | 0.0 | -18.742 | 22.707 | 0.15 | -24.549 | 22.905 | 0.394 | 0.087 | 197.976 | 2.488 | 0.086 | 212.433 | 2.236 | 0.086 | 5.607 | 0.098 | 0.086 | 21.172 | 0.149 |
| 120 | 15843 | 15844 | SN | 1 | -34.523 | 17.613 | 0.0 | -34.609 | 18.306 | 0.0 | -18.774 | 22.707 | 0.15 | -24.56 | 22.907 | 0.394 | 0.087 | 209.922 | 2.48 | 0.086 | 214.136 | 2.238 | 0.086 | 5.649 | 0.098 | 0.086 | 21.228 | 0.153 |
| 121 | 15844 | 15845 | NS | 1 | -34.917 | 19.2 | 0.0 | -34.934 | 16.976 | 0.0 | 1.507 | 23.16 | 0.182 | 1.697 | 23.377 | 0.511 | 0.086 | 229.854 | 5.703 | 0.087 | 230.751 | 5.181 | 0.086 | 0.129 | 0.0 | 0.086 | 0.127 | 0.0 |
| 122 | 15844 | 15845 | NS | 1 | -34.917 | 19.2 | 0.0 | -34.934 | 16.996 | 0.0 | 1.507 | 22.424 | 0.006 | 1.697 | 20.578 | 0.0 | 0.086 | 229.854 | 5.932 | 0.087 | 230.751 | 5.19 | 0.086 | 0.129 | 0.0 | 0.086 | 0.127 | 0.0 |
| 123 | 15844 | 15845 | SN | 1 | -34.956 | 17.291 | 0.0 | -34.965 | 18.674 | 0.0 | 2.067 | 22.46 | 0.09 | 2.613 | 22.877 | 0.693 | 0.087 | 231.897 | 4.964 | 0.086 | 232.364 | 3.947 | 0.086 | 0.124 | 0.0 | 0.086 | 0.119 | 0.0 |
| 124 | 15844 | 15845 | SN | 2 | -34.744 | 17.291 | 0.0 | -34.965 | 18.674 | 0.0 | 2.069 | 22.46 | 0.09 | 2.613 | 22.877 | 0.693 | 0.087 | 220.886 | 4.965 | 0.086 | 232.364 | 3.948 | 0.086 | 0.124 | 0.0 | 0.086 | 0.119 | 0.0 |
| 125 | 15844 | 15845 | SN | 1 | -34.569 | 13.388 | 0.0 | -34.965 | 13.337 | 0.0 | 2.737 | 22.46 | 0.077 | 2.61 | 22.877 | 0.725 | 0.088 | 212.134 | 4.966 | 0.088 | 232.364 | 4.201 | 0.086 | 0.118 | 0.0 | 0.086 | 0.119 | 0.0 |
| 126 | 15844 | 15845 | NS | 2 | -34.917 | 19.2 | 0.0 | -34.934 | 16.976 | 0.0 | 1.507 | 23.16 | 0.182 | 1.697 | 23.377 | 0.511 | 0.086 | 229.854 | 5.703 | 0.087 | 230.751 | 5.181 | 0.086 | 0.129 | 0.0 | 0.086 | 0.127 | 0.0 |
| 127 | 15845 | 15846 | NS | 1 | -34.413 | 19.228 | 0.0 | -34.351 | 19.712 | 0.0 | -6.708 | 23.442 | 0.164 | -3.838 | 23.558 | 0.264 | 0.086 | 204.612 | 3.343 | 0.086 | 201.746 | 3.444 | 0.086 | 0.415 | 0.0 | 0.086 | 0.25 | 0.0 |
| 128 | 15845 | 15846 | NS | 1 | -34.391 | 19.228 | 0.0 | -34.213 | 19.714 | 0.0 | -6.708 | 23.442 | 0.164 | -3.838 | 23.558 | 0.265 | 0.086 | 203.613 | 3.34 | 0.086 | 195.484 | 3.439 | 0.086 | 0.415 | 0.0 | 0.086 | 0.25 | 0.0 |

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

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