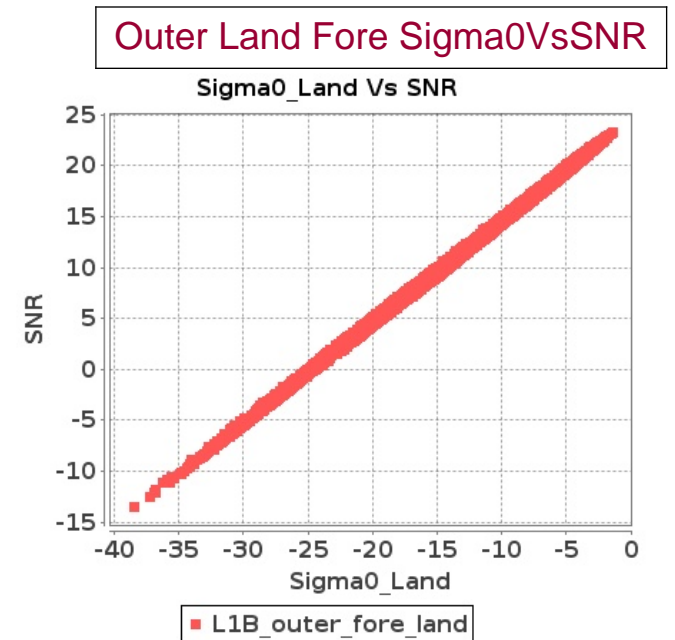
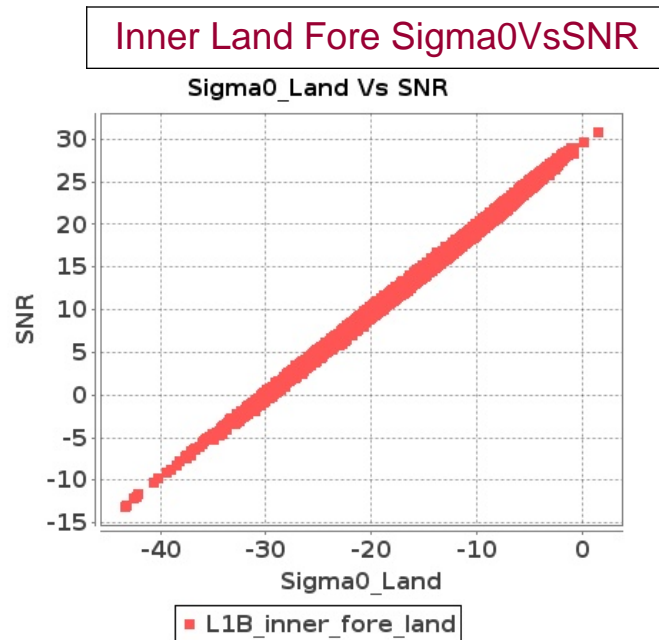
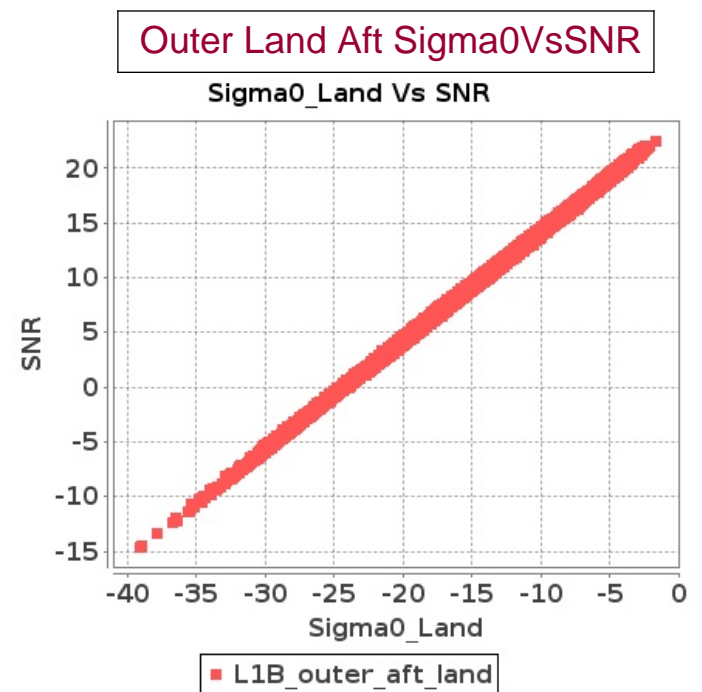
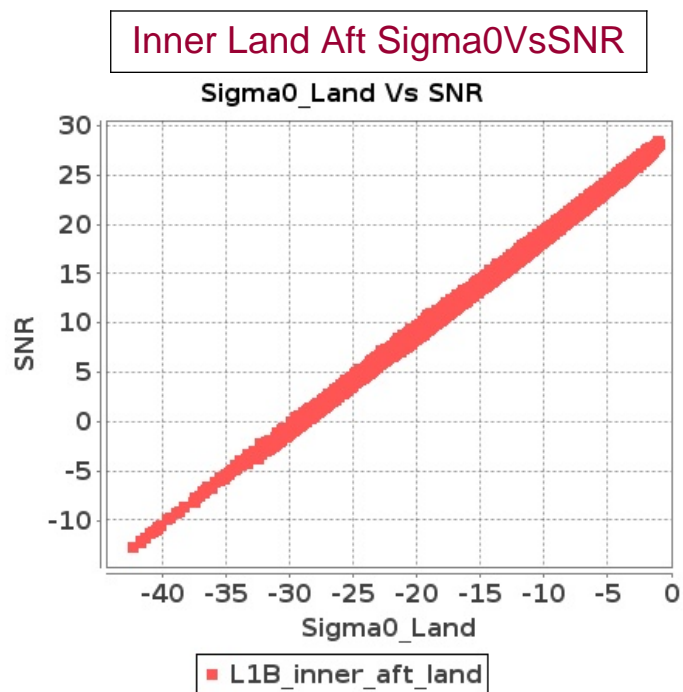
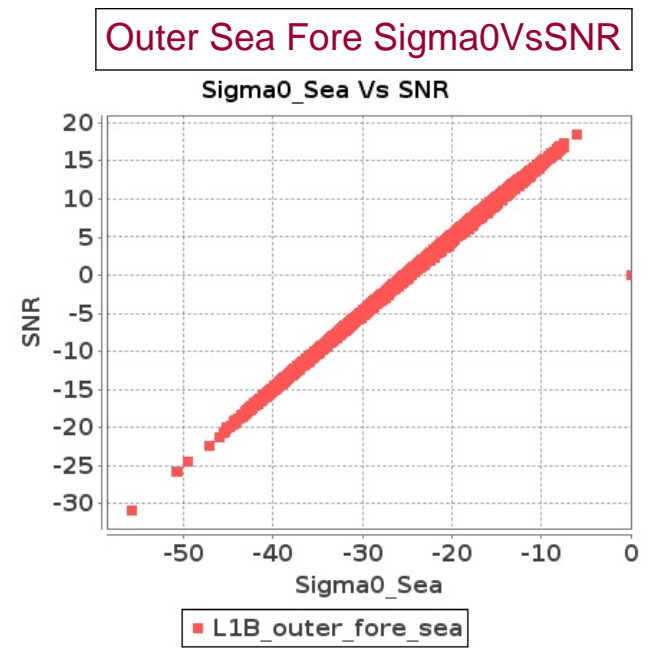
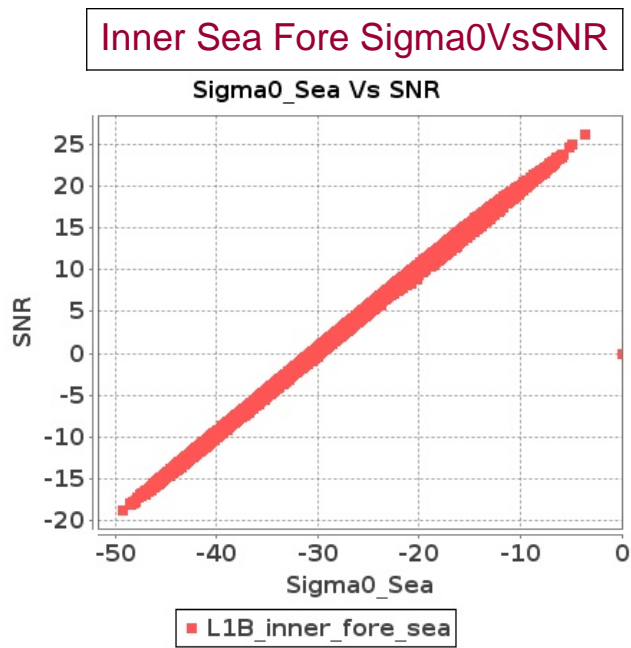
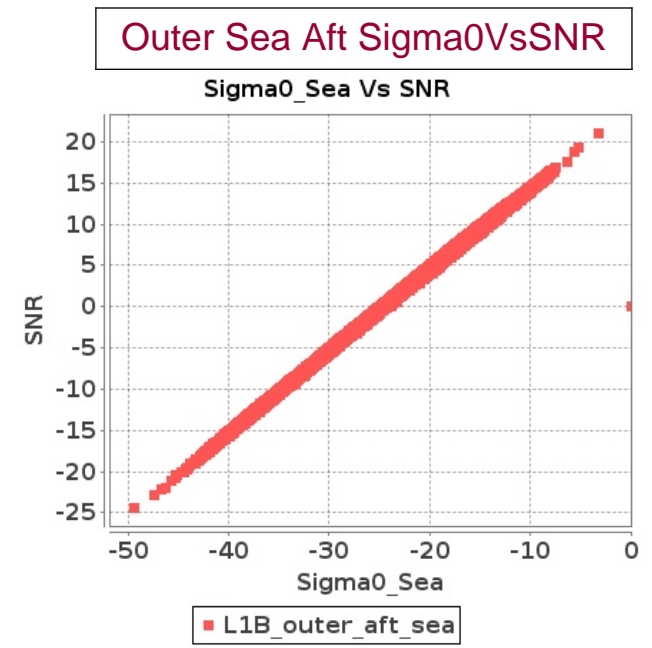
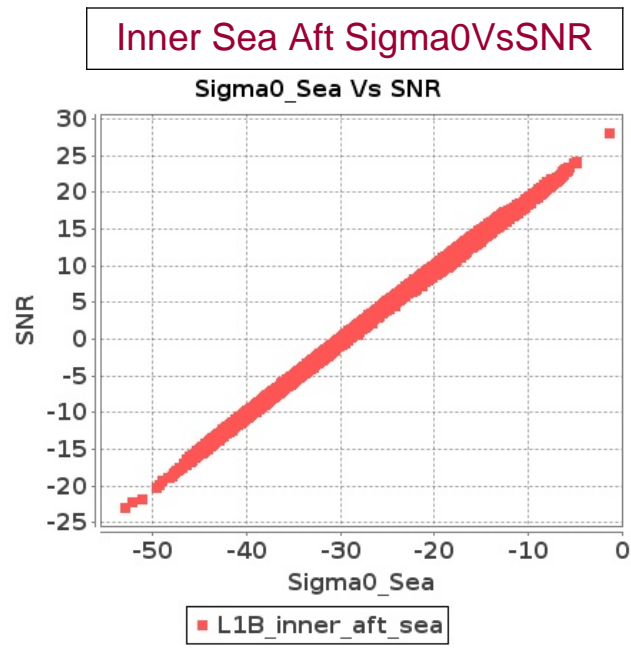
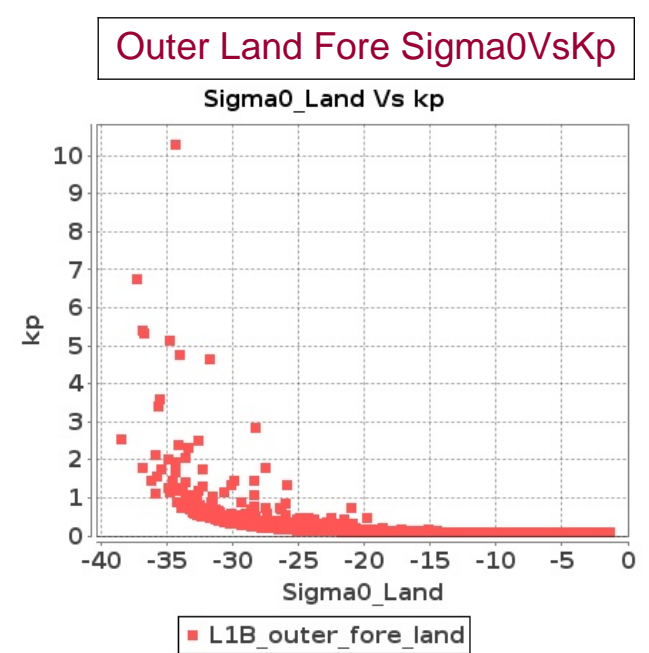
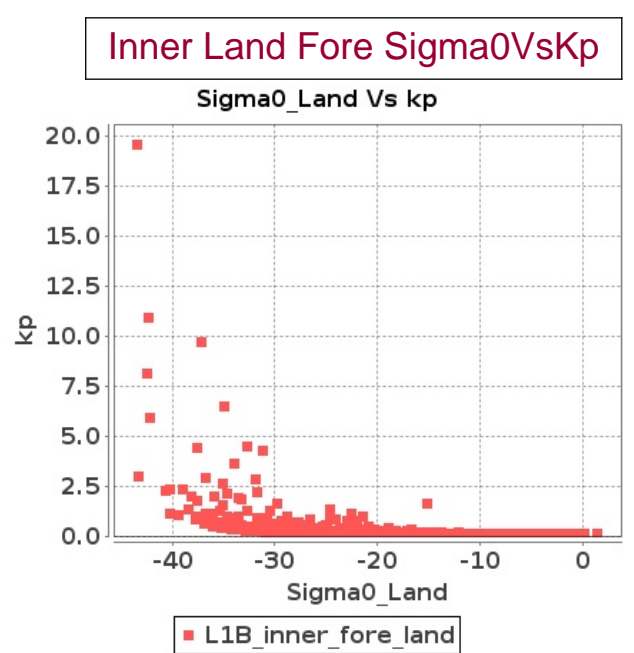
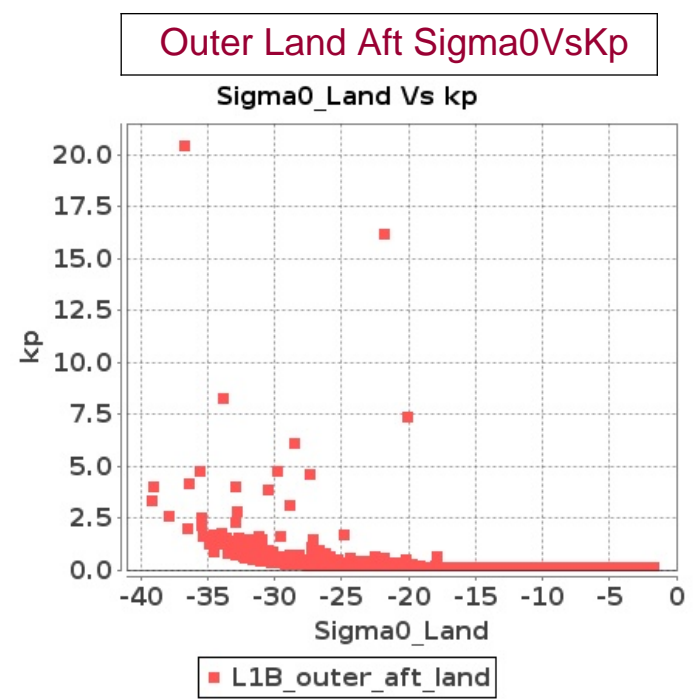
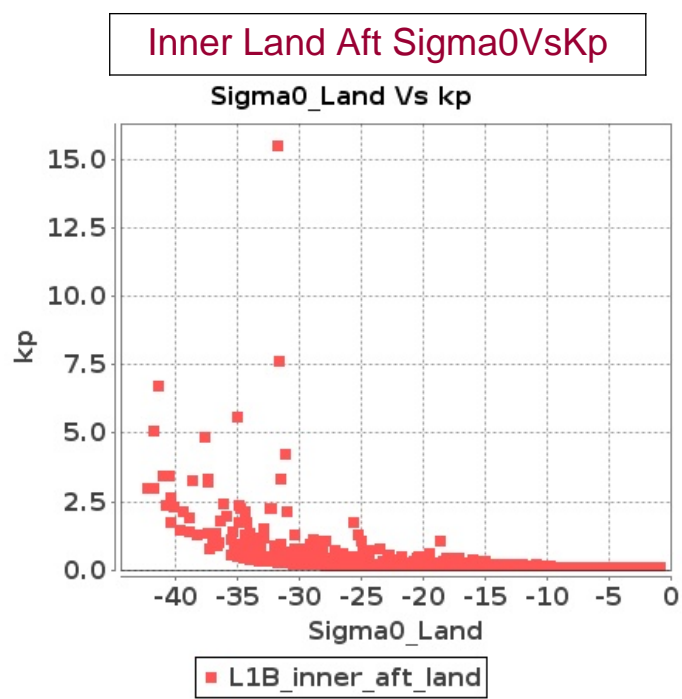
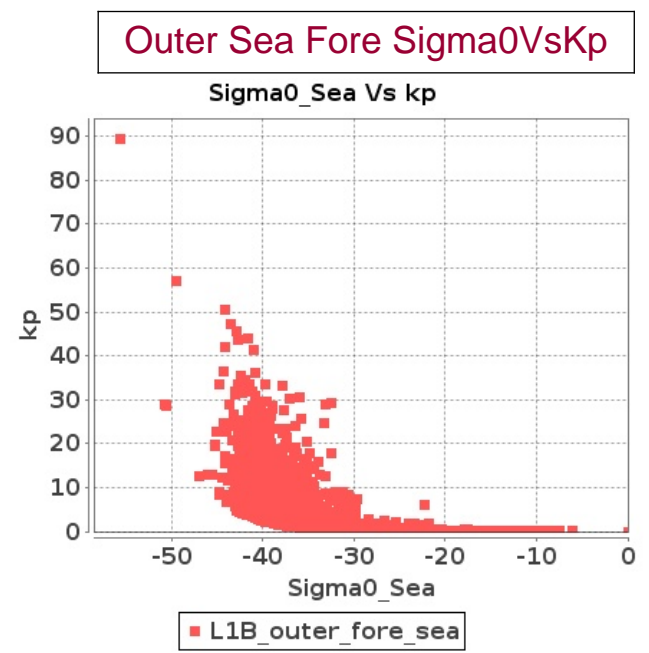
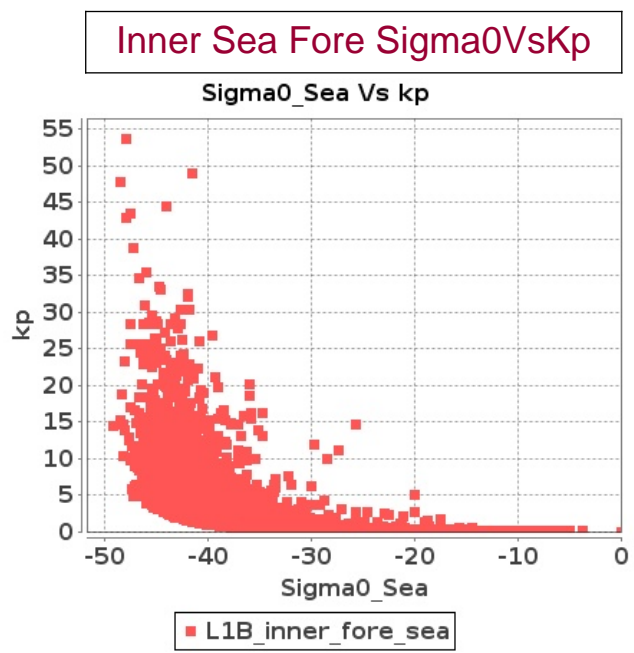
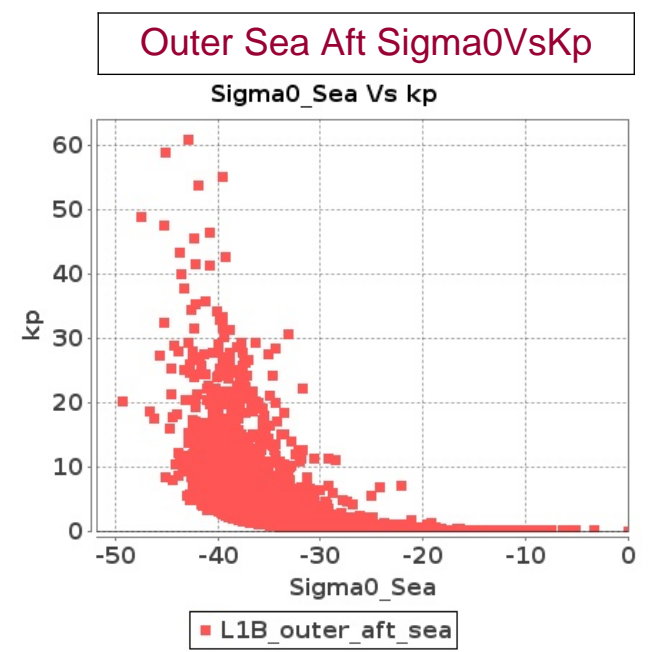
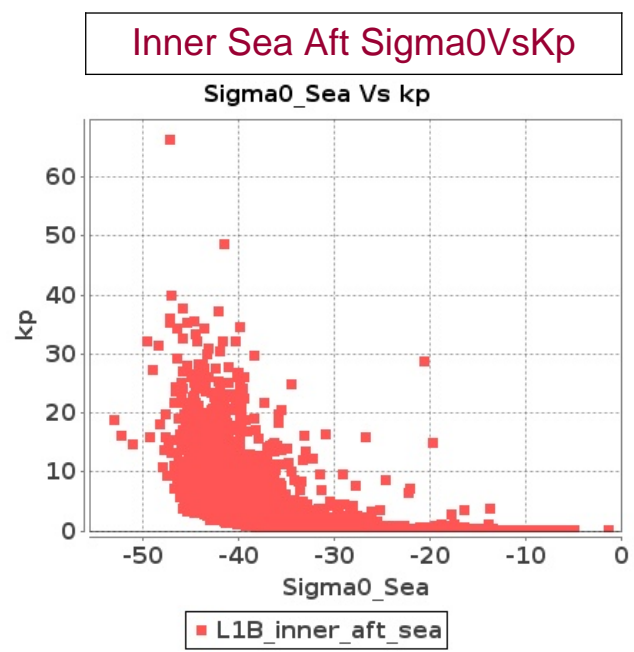


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 03-DEC-2019 To 04-DEC-2019





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

Report between 03-DEC-2019 To 04-DEC-2019

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 16860 | 16861 | SN | 1 | 48.826 | 49.433 | 0.0 | 0.003 | 29.646 | 2.024 | 1040.936 | 1082.728 | 0.0 | -91.843 | -90.094 | 0.0 |
| 2 | 16860 | 16861 | SN | 1 | 48.826 | 49.433 | 0.0 | 0.0 | 195.573 | 2.759 | 1040.936 | 1082.728 | 0.0 | -91.843 | -90.094 | 0.0 |
| 3 | 16861 | 16862 | NS | 1 | 48.711 | 49.352 | 0.0 | 0.003 | 209.78 | 2.617 | 1029.504 | 1081.344 | 0.0 | -91.901 | -89.948 | 0.0 |
| 4 | 16861 | 16862 | SN | 1 | 48.787 | 49.466 | 0.0 | 0.003 | 6.563 | 2.423 | 1040.376 | 1082.68 | 0.0 | -91.92 | -90.07 | 0.0 |
| 5 | 16861 | 16862 | NS | 1 | 48.711 | 49.352 | 0.0 | 0.003 | 209.78 | 2.606 | 1029.504 | 1081.344 | 0.0 | -91.841 | -89.948 | 0.0 |
| 6 | 16861 | 16862 | SN | 1 | 48.787 | 49.466 | 0.0 | 0.003 | 6.563 | 2.598 | 1040.376 | 1082.68 | 0.0 | -91.92 | -90.07 | 0.0 |
| 7 | 16861 | 16862 | SN | 2 | 48.787 | 49.466 | 0.0 | 0.003 | 6.563 | 2.598 | 1040.376 | 1082.68 | 0.0 | -91.92 | -90.07 | 0.0 |
| 8 | 16862 | 16863 | SN | 1 | 48.76 | 49.431 | 0.0 | 0.003 | 30.049 | 2.514 | 1039.96 | 1082.84 | 0.0 | -91.923 | -90.102 | 0.0 |
| 9 | 16862 | 16863 | NS | 1 | 48.712 | 49.292 | 0.0 | 0.003 | 40.218 | 2.502 | 1029.176 | 1081.552 | 0.0 | -91.638 | -89.912 | 0.0 |
| 10 | 16862 | 16863 | SN | 1 | 48.76 | 49.431 | 0.0 | 0.003 | 30.049 | 2.365 | 1039.96 | 1082.84 | 0.0 | -91.923 | -90.102 | 0.0 |
| 11 | 16862 | 16863 | SN | 2 | 48.76 | 49.431 | 0.0 | 0.003 | 30.049 | 2.365 | 1039.96 | 1082.84 | 0.0 | -91.923 | -90.102 | 0.0 |
| 12 | 16862 | 16863 | NS | 1 | 48.713 | 49.292 | 0.0 | 0.003 | 40.985 | 2.499 | 1029.264 | 1081.536 | 0.0 | -91.621 | -89.913 | 0.0 |
| 13 | 16863 | 16864 | NS | 1 | 48.713 | 49.308 | 0.0 | 0.003 | 14.471 | 2.54 | 1029.808 | 1081.52 | 0.0 | -92.002 | -89.966 | 0.0 |
| 14 | 16863 | 16864 | SN | 1 | 48.823 | 49.497 | 0.0 | 0.003 | 6.557 | 2.539 | 1040.704 | 1082.76 | 0.0 | -92.064 | -90.102 | 0.0 |
| 15 | 16863 | 16864 | SN | 2 | 48.823 | 49.497 | 0.0 | 0.003 | 6.557 | 2.539 | 1040.704 | 1082.76 | 0.0 | -92.064 | -90.102 | 0.0 |
| 16 | 16863 | 16864 | NS | 1 | 48.713 | 49.325 | 0.0 | 0.003 | 14.471 | 2.542 | 1029.808 | 1081.52 | 0.0 | -91.782 | -89.966 | 0.0 |
| 17 | 16864 | 16865 | SN | 1 | 48.82 | 49.431 | 0.0 | 0.003 | 280.559 | 2.507 | 1040.072 | 1082.656 | 0.0 | -91.755 | -90.1 | 0.0 |
| 18 | 16864 | 16865 | SN | 1 | 48.823 | 49.431 | 0.0 | 0.003 | 280.559 | 2.51 | 1040.392 | 1082.656 | 0.0 | -91.751 | -90.1 | 0.0 |
| 19 | 16864 | 16865 | NS | 2 | 48.714 | 49.345 | 0.0 | 0.0 | 210.53 | 2.751 | 1029.848 | 1081.4 | 0.0 | -91.682 | -89.943 | 0.0 |
| 20 | 16864 | 16865 | NS | 1 | 48.713 | 49.344 | 0.0 | 0.0 | 210.53 | 2.75 | 1029.84 | 1081.408 | 0.0 | -91.682 | -89.943 | 0.0 |
| 21 | 16864 | 16865 | SN | 1 | 48.823 | 49.431 | 0.0 | 0.003 | 280.559 | 2.171 | 1040.392 | 1082.656 | 0.0 | -91.751 | -90.1 | 0.0 |
| 22 | 16865 | 16866 | SN | 1 | 48.819 | 49.431 | 0.0 | 0.003 | 6.557 | 2.538 | 1040.704 | 1082.592 | 0.0 | -91.798 | -90.1 | 0.0 |
| 23 | 16865 | 16866 | SN | 1 | 48.819 | 49.431 | 0.0 | 0.003 | 6.557 | 1.98 | 1040.704 | 1082.592 | 0.0 | -91.798 | -90.1 | 0.0 |
| 24 | 16865 | 16866 | SN | 1 | 48.818 | 49.431 | 0.0 | 0.003 | 6.557 | 2.536 | 1040.4 | 1082.592 | 0.0 | -91.798 | -90.1 | 0.0 |
| 25 | 16865 | 16866 | NS | 1 | 48.669 | 49.291 | 0.0 | 0.003 | 264.814 | 2.654 | 1029.688 | 1081.344 | 0.0 | -91.592 | -89.955 | 0.0 |
| 26 | 16865 | 16866 | NS | 2 | 48.669 | 49.291 | 0.0 | 0.003 | 264.814 | 2.654 | 1029.688 | 1081.344 | 0.0 | -91.562 | -89.955 | 0.0 |
| 27 | 16866 | 16867 | SN | 2 | 48.781 | 49.468 | 0.0 | 0.0 | 122.984 | 2.71 | 1039.768 | 1082.576 | 0.0 | -92.463 | -90.1 | 0.0 |
| 28 | 16866 | 16867 | NS | 1 | 48.71 | 49.29 | 0.0 | 0.003 | 22.132 | 2.639 | 1028.704 | 1081.256 | 0.0 | -91.656 | -89.968 | 0.0 |
| 29 | 16866 | 16867 | NS | 1 | 48.715 | 49.293 | 0.0 | 0.003 | 266.865 | 2.637 | 1028.744 | 1081.224 | 0.0 | -91.613 | -89.968 | 0.0 |
| 30 | 16866 | 16867 | SN | 1 | 48.781 | 49.468 | 0.0 | 0.003 | 6.557 | 1.783 | 1039.768 | 1082.576 | 0.0 | -92.463 | -90.1 | 0.0 |
| 31 | 16866 | 16867 | SN | 1 | 48.781 | 49.468 | 0.0 | 0.0 | 122.984 | 2.71 | 1039.768 | 1082.576 | 0.0 | -92.463 | -90.1 | 0.0 |
| 32 | 16867 | 16868 | SN | 1 | 48.823 | 49.432 | 0.0 | 0.003 | 6.546 | 1.584 | 1041.024 | 1082.768 | 0.0 | -91.755 | -90.089 | 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 | 16867 | 16868 | NS | 1 | 48.654 | 49.314 | 0.0 | 0.003 | 267.439 | 2.588 | 1029.52 | 1081.4 | 0.0 | -92.304 | -89.967 | 0.0 |
| 34 | 16867 | 16868 | SN | 1 | 48.823 | 49.432 | 0.0 | 0.003 | 6.546 | 2.686 | 1041.024 | 1082.768 | 0.0 | -91.755 | -90.089 | 0.0 |
| 35 | 16867 | 16868 | SN | 2 | 48.823 | 49.432 | 0.0 | 0.003 | 6.546 | 2.686 | 1041.024 | 1082.768 | 0.0 | -91.755 | -90.089 | 0.0 |
| 36 | 16867 | 16868 | NS | 1 | 48.648 | 49.336 | 0.0 | 0.003 | 267.439 | 2.591 | 1029.52 | 1081.4 | 0.0 | -91.788 | -89.967 | 0.0 |
| 37 | 16868 | 16869 | NS | 1 | 48.711 | 49.314 | 0.0 | 0.003 | 210.69 | 2.698 | 1029.496 | 1081.488 | 0.0 | -91.924 | -89.946 | 0.0 |
| 38 | 16868 | 16869 | NS | 1 | 48.711 | 49.358 | 0.0 | 0.003 | 210.69 | 2.696 | 1029.496 | 1081.488 | 0.0 | -91.908 | -89.946 | 0.0 |
| 39 | 16868 | 16869 | SN | 2 | 48.759 | 49.468 | 0.0 | 0.003 | 6.568 | 2.578 | 1040.568 | 1082.872 | 0.0 | -91.895 | -90.043 | 0.0 |
| 40 | 16868 | 16869 | SN | 1 | 48.759 | 49.469 | 0.0 | 0.003 | 215.372 | 2.578 | 1040.128 | 1082.824 | 0.0 | -91.895 | -90.043 | 0.0 |
| 41 | 16869 | 16870 | SN | 1 | 48.8 | 49.433 | 0.0 | 0.003 | 6.574 | 2.537 | 1040.016 | 1082.792 | 0.0 | -91.771 | -90.086 | 0.0 |
| 42 | 16869 | 16870 | NS | 1 | 48.674 | 49.359 | 0.0 | 0.003 | 42.044 | 2.654 | 1029.312 | 1081.416 | 0.0 | -91.882 | -89.935 | 0.0 |
| 43 | 16869 | 16870 | NS | 2 | 48.674 | 49.359 | 0.0 | 0.003 | 42.044 | 2.654 | 1029.312 | 1081.416 | 0.0 | -91.882 | -89.935 | 0.0 |
| 44 | 16870 | 16871 | NS | 1 | 48.674 | 49.31 | 0.0 | 0.003 | 42.656 | 2.687 | 1029.2 | 1082.0 | 0.0 | -91.861 | -89.967 | 0.0 |
| 45 | 16870 | 16871 | SN | 1 | 48.586 | 49.472 | 0.0 | 0.0 | 214.054 | 2.674 | 1040.984 | 1082.752 | 0.0 | -92.334 | -90.075 | 0.0 |
| 46 | 16871 | 16872 | SN | 1 | 48.764 | 49.433 | 0.0 | 0.003 | 33.415 | 2.605 | 1040.872 | 1082.84 | 0.0 | -91.784 | -90.073 | 0.0 |
| 47 | 16871 | 16872 | NS | 1 | 48.655 | 49.329 | 0.0 | 0.003 | 267.218 | 2.591 | 1028.488 | 1081.44 | 0.0 | -92.079 | -89.965 | 0.0 |
| 48 | 16871 | 16872 | NS | 1 | 48.655 | 49.329 | 0.0 | 0.003 | 267.218 | 2.394 | 1028.488 | 1080.672 | 0.0 | -92.079 | -89.965 | 0.0 |
| 49 | 16872 | 16873 | NS | 1 | 48.69 | 49.356 | 0.0 | 0.003 | 17.124 | 2.661 | 1029.352 | 1081.48 | 0.0 | -91.772 | -89.964 | 0.0 |
| 50 | 16872 | 16873 | NS | 1 | 48.69 | 49.338 | 0.0 | 0.003 | 17.124 | 2.659 | 1028.568 | 1081.48 | 0.0 | -91.792 | -89.964 | 0.0 |
| 51 | 16872 | 16873 | SN | 1 | 48.76 | 49.433 | 0.0 | 0.003 | 6.552 | 2.586 | 1040.864 | 1082.88 | 0.0 | -91.809 | -90.086 | 0.0 |
| 52 | 16872 | 16873 | SN | 2 | 48.76 | 49.433 | 0.0 | 0.003 | 6.552 | 2.586 | 1040.864 | 1082.88 | 0.0 | -91.809 | -90.086 | 0.0 |
| 53 | 16873 | 16874 | NS | 1 | 48.709 | 49.29 | 0.0 | 0.003 | 264.317 | 1.468 | 1028.328 | 1077.464 | 0.0 | -91.634 | -89.962 | 0.0 |
| 54 | 16873 | 16874 | NS | 1 | 48.709 | 49.29 | 0.0 | 0.003 | 264.317 | 2.575 | 1028.328 | 1081.616 | 0.0 | -91.634 | -89.962 | 0.0 |
| 55 | 16873 | 16874 | NS | 1 | 48.709 | 49.29 | 0.0 | 0.003 | 267.803 | 2.573 | 1028.256 | 1081.616 | 0.0 | -91.654 | -89.962 | 0.0 |
| 56 | 16873 | 16874 | SN | 1 | 48.825 | 49.436 | 0.0 | 0.003 | 215.427 | 2.56 | 1040.864 | 1083.016 | 0.0 | -91.894 | -90.103 | 0.0 |
| 57 | 16873 | 16874 | SN | 1 | 48.825 | 49.436 | 0.0 | 0.003 | 215.427 | 2.559 | 1040.864 | 1083.016 | 0.0 | -91.894 | -90.103 | 0.0 |
| 58 | 16874 | 16875 | SN | 1 | 48.817 | 49.461 | 0.0 | 0.003 | 6.574 | 1.71 | 1040.392 | 1083.072 | 0.0 | -91.828 | -90.106 | 0.0 |
| 59 | 16874 | 16875 | NS | 1 | 48.668 | 49.342 | 0.0 | 0.003 | 13.418 | 1.559 | 1029.2 | 1073.624 | 0.0 | -91.811 | -89.955 | 0.0 |
| 60 | 16874 | 16875 | NS | 2 | 48.668 | 49.343 | 0.0 | 0.003 | 43.229 | 2.585 | 1029.208 | 1081.672 | 0.0 | -91.817 | -89.956 | 0.0 |
| 61 | 16874 | 16875 | NS | 1 | 48.668 | 49.335 | 0.0 | 0.003 | 43.229 | 2.584 | 1029.2 | 1081.672 | 0.0 | -91.787 | -89.955 | 0.0 |
| 62 | 16874 | 16875 | SN | 1 | 48.817 | 49.461 | 0.0 | 0.0 | 171.483 | 2.788 | 1040.392 | 1083.072 | 0.0 | -91.828 | -90.106 | 0.0 |
| 63 | 16875 | 16876 | NS | 1 | 48.655 | 49.352 | 0.0 | 0.0 | 42.805 | 2.836 | 1028.416 | 1081.52 | 0.0 | -91.803 | -89.942 | 0.0 |
| 64 | 16875 | 16876 | SN | 1 | 48.774 | 49.49 | 0.0 | 0.0 | 45.846 | 2.442 | 1040.08 | 1082.904 | 0.0 | -91.846 | -90.067 | 0.0 |
| 65 | 16875 | 16876 | SN | 1 | 48.774 | 49.464 | 0.0 | 0.0 | 45.846 | 2.776 | 1040.296 | 1082.904 | 0.0 | -91.834 | -90.067 | 0.0 |
| 66 | 16875 | 16876 | SN | 1 | 48.774 | 49.49 | 0.0 | 0.0 | 45.846 | 2.779 | 1040.08 | 1082.904 | 0.0 | -91.846 | -90.067 | 0.0 |
| 67 | 16876 | 16877 | SN | 1 | 48.779 | 49.434 | 0.0 | 0.003 | 6.579 | 2.386 | 1039.728 | 1083.088 | 0.0 | -91.892 | -90.074 | 0.0 |
| 68 | 16876 | 16877 | SN | 1 | 48.795 | 49.432 | 0.0 | 0.003 | 6.579 | 2.386 | 1039.72 | 1083.08 | 0.0 | -91.892 | -90.074 | 0.0 |
| 69 | 16876 | 16877 | SN | 1 | 48.795 | 49.432 | 0.0 | 0.003 | 6.579 | 2.521 | 1039.72 | 1083.08 | 0.0 | -91.892 | -90.074 | 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 | 16876 | 16877 | NS | 1 | 48.711 | 49.347 | 0.0 | 0.003 | 211.009 | 2.513 | 1028.64 | 1081.752 | 0.0 | -91.842 | -89.929 | 0.0 |
| 71 | 16876 | 16877 | NS | 2 | 48.711 | 49.347 | 0.0 | 0.003 | 211.009 | 2.514 | 1028.64 | 1081.752 | 0.0 | -91.842 | -89.929 | 0.0 |
| 72 | 16877 | 16878 | SN | 2 | 48.764 | 49.459 | 0.0 | 0.003 | 279.048 | 2.504 | 1039.936 | 1083.12 | 0.0 | -91.941 | -90.102 | 0.0 |
| 73 | 16877 | 16878 | SN | 1 | 48.764 | 49.459 | 0.0 | 0.003 | 279.048 | 2.504 | 1039.936 | 1083.12 | 0.0 | -91.941 | -90.102 | 0.0 |
| 74 | 16877 | 16878 | NS | 1 | 48.712 | 49.311 | 0.0 | 0.003 | 209.57 | 2.575 | 1028.744 | 1081.832 | 0.0 | -91.703 | -89.939 | 0.0 |
| 75 | 16877 | 16878 | NS | 1 | 48.712 | 49.311 | 0.0 | 0.003 | 209.57 | 2.577 | 1028.744 | 1081.832 | 0.0 | -91.785 | -89.939 | 0.0 |
| 76 | 16877 | 16878 | SN | 1 | 48.764 | 49.459 | 0.0 | 0.003 | 279.048 | 2.331 | 1039.936 | 1083.12 | 0.0 | -91.941 | -90.102 | 0.0 |
| 77 | 16878 | 16879 | NS | 1 | 48.69 | 49.293 | 0.0 | 0.003 | 264.808 | 2.617 | 1028.736 | 1081.76 | 0.0 | -91.84 | -89.943 | 0.0 |
| 78 | 16878 | 16879 | SN | 1 | 48.801 | 49.433 | 0.0 | 0.003 | 29.359 | 2.556 | 1039.584 | 1083.024 | 0.0 | -91.834 | -90.068 | 0.0 |
| 79 | 16878 | 16879 | SN | 1 | 48.801 | 49.433 | 0.0 | 0.003 | 29.359 | 2.283 | 1039.584 | 1083.024 | 0.0 | -91.834 | -90.068 | 0.0 |
| 80 | 16878 | 16879 | SN | 1 | 48.801 | 49.433 | 0.0 | 0.003 | 29.359 | 2.555 | 1039.584 | 1083.024 | 0.0 | -91.834 | -90.068 | 0.0 |
| 81 | 16878 | 16879 | NS | 1 | 48.684 | 49.351 | 0.0 | 0.003 | 264.808 | 2.631 | 1028.752 | 1081.736 | 0.0 | -91.84 | -89.943 | 0.0 |
| 82 | 16879 | 16880 | SN | 1 | 48.792 | 49.442 | 0.0 | 0.003 | 6.563 | 2.521 | 1039.368 | 1082.968 | 0.0 | -91.784 | -90.1 | 0.0 |
| 83 | 16879 | 16880 | SN | 1 | 48.792 | 49.442 | 0.0 | 0.003 | 6.563 | 2.52 | 1039.368 | 1082.968 | 0.0 | -91.784 | -90.1 | 0.0 |
| 84 | 16879 | 16880 | NS | 1 | 48.663 | 49.295 | 0.0 | 0.003 | 42.661 | 2.63 | 1029.784 | 1081.68 | 0.0 | -91.593 | -89.956 | 0.0 |
| 85 | 16879 | 16880 | NS | 1 | 48.65 | 49.302 | 0.0 | 0.003 | 264.803 | 2.617 | 1029.76 | 1081.712 | 0.0 | -91.547 | -89.956 | 0.0 |
| 86 | 16879 | 16880 | SN | 1 | 48.792 | 49.442 | 0.0 | 0.003 | 6.563 | 2.081 | 1039.368 | 1082.968 | 0.0 | -91.784 | -90.1 | 0.0 |
| 87 | 16880 | 16881 | SN | 1 | 48.561 | 49.432 | 0.0 | 0.0 | 199.378 | 2.899 | 1036.472 | 1082.872 | 0.0 | -94.088 | -90.098 | 0.0 |
| 88 | 16880 | 16881 | NS | 1 | 48.712 | 49.293 | 0.0 | 0.0 | 264.648 | 2.75 | 1029.68 | 1081.584 | 0.0 | -91.791 | -89.962 | 0.0 |
| 89 | 16880 | 16881 | SN | 1 | 48.561 | 49.432 | 0.0 | 0.0 | 199.378 | 3.117 | 1036.472 | 1082.872 | 0.0 | -94.088 | -90.098 | 0.0 |
| 90 | 16880 | 16881 | NS | 2 | 48.67 | 49.295 | 0.0 | 0.0 | 211.197 | 2.751 | 1029.728 | 1081.536 | 0.0 | -91.64 | -89.962 | 0.0 |
| 91 | 16880 | 16881 | SN | 1 | 48.561 | 49.432 | 0.0 | 0.0 | 199.378 | 2.396 | 1036.472 | 1082.872 | 0.0 | -92.847 | -90.098 | 0.0 |
| 92 | 16881 | 16882 | NS | 1 | 48.711 | 49.297 | 0.0 | 0.003 | 42.976 | 2.599 | 1029.568 | 1081.64 | 0.0 | -91.78 | -89.967 | 0.0 |
| 93 | 16881 | 16882 | NS | 2 | 48.7 | 49.301 | 0.0 | 0.003 | 42.832 | 2.598 | 1029.632 | 1081.576 | 0.0 | -92.171 | -89.967 | 0.0 |
| 94 | 16881 | 16882 | SN | 1 | 48.797 | 49.433 | 0.0 | 0.003 | 6.563 | 2.644 | 1040.392 | 1082.952 | 0.0 | -91.9 | -90.095 | 0.0 |
| 95 | 16881 | 16882 | SN | 1 | 48.797 | 49.433 | 0.0 | 0.003 | 6.563 | 2.642 | 1039.968 | 1082.952 | 0.0 | -91.892 | -90.095 | 0.0 |
| 96 | 16881 | 16882 | SN | 1 | 48.797 | 49.433 | 0.0 | 0.003 | 6.563 | 1.641 | 1040.392 | 1082.952 | 0.0 | -91.9 | -90.095 | 0.0 |
| 97 | 16882 | 16883 | SN | 2 | 48.821 | 49.494 | 0.0 | 0.0 | 281.304 | 2.689 | 1040.848 | 1083.112 | 0.0 | -91.888 | -90.061 | 0.0 |
| 98 | 16882 | 16883 | SN | 1 | 48.821 | 49.494 | 0.0 | 0.0 | 281.304 | 2.689 | 1040.848 | 1083.112 | 0.0 | -91.888 | -90.061 | 0.0 |
| 99 | 16882 | 16883 | NS | 1 | 48.714 | 49.341 | 0.0 | 0.003 | 207.022 | 2.668 | 1029.488 | 1081.728 | 0.0 | -91.761 | -89.967 | 0.0 |
| 100 | 16882 | 16883 | NS | 1 | 48.71 | 49.338 | 0.0 | 0.003 | 267.323 | 2.671 | 1029.416 | 1081.792 | 0.0 | -91.777 | -89.966 | 0.0 |
| 101 | 16882 | 16883 | SN | 1 | 48.821 | 49.494 | 0.0 | 0.0 | 281.304 | 1.64 | 1040.848 | 1083.112 | 0.0 | -91.888 | -90.061 | 0.0 |
| 102 | 16883 | 16884 | SN | 1 | 48.817 | 49.487 | 0.0 | 0.003 | 28.915 | 2.541 | 1040.832 | 1083.136 | 0.0 | -91.866 | -90.044 | 0.0 |
| 103 | 16883 | 16884 | NS | 1 | 48.664 | 49.348 | 0.0 | 0.003 | 267.268 | 2.721 | 1029.544 | 1081.792 | 0.0 | -91.958 | -89.963 | 0.0 |
| 104 | 16883 | 16884 | NS | 1 | 48.664 | 49.343 | 0.0 | 0.003 | 267.268 | 2.718 | 1029.544 | 1081.792 | 0.0 | -91.902 | -89.963 | 0.0 |
| 105 | 16883 | 16884 | SN | 2 | 48.817 | 49.487 | 0.0 | 0.003 | 28.915 | 2.541 | 1040.832 | 1083.136 | 0.0 | -91.866 | -90.044 | 0.0 |
| 106 | 16884 | 16885 | NS | 1 | 48.69 | 49.293 | 0.0 | 0.003 | 210.662 | 2.705 | 1028.856 | 1081.704 | 0.0 | -91.742 | -89.938 | 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 |

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 16884 | 16885 | NS | 1 | 48.664 | 49.305 | 0.0 | 0.003 | 210.662 | 2.702 | 1028.64 | 1081.704 | 0.0 | -92.15 | -89.938 | 0.0 |
| 108 | 16884 | 16885 | SN | 1 | 48.782 | 49.495 | 0.0 | 0.003 | 6.568 | 2.567 | 1039.784 | 1083.016 | 0.0 | -91.923 | -90.083 | 0.0 |
| 109 | 16885 | 16886 | SN | 1 | 48.76 | 49.442 | 0.0 | 0.0 | 44.738 | 2.651 | 1040.672 | 1083.096 | 0.0 | -91.789 | -90.082 | 0.0 |
| 110 | 16885 | 16886 | NS | 1 | 48.676 | 49.292 | 0.0 | 0.003 | 264.814 | 2.526 | 1029.576 | 1081.512 | 0.0 | -91.852 | -89.966 | 0.0 |
| 111 | 16885 | 16886 | NS | 1 | 48.676 | 49.292 | 0.0 | 0.003 | 264.814 | 2.598 | 1029.576 | 1081.784 | 0.0 | -91.852 | -89.966 | 0.0 |
| 112 | 16886 | 16887 | NS | 1 | 48.655 | 49.318 | 0.0 | 0.003 | 210.662 | 2.636 | 1029.208 | 1081.84 | 0.0 | -91.728 | -89.964 | 0.0 |
| 113 | 16886 | 16887 | NS | 1 | 48.655 | 49.318 | 0.0 | 0.003 | 210.662 | 2.256 | 1029.208 | 1080.28 | 0.0 | -91.728 | -89.964 | 0.0 |
| 114 | 16886 | 16887 | SN | 1 | 48.808 | 49.499 | 0.0 | 0.003 | 6.574 | 2.573 | 1040.6 | 1083.16 | 0.0 | -91.876 | -90.079 | 0.0 |
| 115 | 16887 | 16888 | NS | 1 | 48.696 | 49.308 | 0.0 | 0.003 | 210.662 | 2.6 | 1028.392 | 1081.936 | 0.0 | -91.774 | -89.963 | 0.0 |
| 116 | 16887 | 16888 | NS | 1 | 48.696 | 49.308 | 0.0 | 0.003 | 210.662 | 2.167 | 1028.392 | 1080.128 | 0.0 | -91.782 | -89.963 | 0.0 |
| 117 | 16887 | 16888 | SN | 1 | 48.758 | 49.435 | 0.0 | 0.003 | 6.563 | 2.573 | 1040.288 | 1083.272 | 0.0 | -91.741 | -90.103 | 0.0 |
| 118 | 16888 | 16889 | SN | 1 | 48.759 | 49.441 | 0.0 | 0.0 | 48.433 | 2.691 | 1040.648 | 1083.36 | 0.0 | -91.745 | -90.102 | 0.0 |
| 119 | 16888 | 16889 | SN | 1 | 48.759 | 49.441 | 0.0 | 0.003 | 6.557 | 1.546 | 1040.648 | 1083.36 | 0.0 | -91.745 | -90.102 | 0.0 |
| 120 | 16888 | 16889 | NS | 1 | 48.662 | 49.293 | 0.0 | 0.003 | 17.245 | 1.596 | 1028.952 | 1076.152 | 0.0 | -91.702 | -89.962 | 0.0 |
| 121 | 16888 | 16889 | NS | 1 | 48.662 | 49.293 | 0.0 | 0.003 | 17.245 | 2.659 | 1028.952 | 1082.056 | 0.0 | -91.702 | -89.962 | 0.0 |
| 122 | 16889 | 16890 | NS | 1 | 48.709 | 49.347 | 0.0 | 0.003 | 210.64 | 2.691 | 1028.456 | 1082.008 | 0.0 | -92.265 | -89.963 | 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 |

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|  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 | 16860 | 16861 | SN | 1 | -32.433 | 22.672 | 0.019 | -32.999 | 23.708 | 0.692 | -16.887 | 27.764 | 6.898 | -13.737 | 28.728 | 7.849 | 0.116 | 169.769 | 1.978 | 0.116 | 193.405 | 1.708 | 0.116 | 4.821 | 0.015 | 0.116 | 2.381 | 0.005 |
| 2 | 16860 | 16861 | SN | 1 | -32.433 | 23.606 | 0.265 | -32.999 | 24.336 | 1.554 | -16.887 | 27.764 | 7.005 | -13.737 | 28.728 | 7.849 | 0.116 | 169.769 | 1.88 | 0.116 | 193.405 | 1.543 | 0.116 | 4.821 | 0.015 | 0.116 | 2.381 | 0.005 |
| 3 | 16861 | 16862 | NS | 1 | -34.987 | 24.222 | 0.232 | -34.745 | 25.06 | 0.212 | 0.635 | 32.549 | 7.909 | 1.745 | 36.383 | 18.853 | 0.116 | 305.543 | 4.864 | 0.116 | 289.05 | 3.839 | 0.116 | 0.188 | 0.0 | 0.116 | 0.171 | 0.0 |
| 4 | 16861 | 16862 | SN | 1 | -34.501 | 23.21 | 0.089 | -33.82 | 24.274 | 0.949 | 2.966 | 31.44 | 7.029 | 2.52 | 28.719 | 4.075 | 0.116 | 273.29 | 1.316 | 0.116 | 233.649 | 1.067 | 0.116 | 0.156 | 0.0 | 0.116 | 0.161 | 0.0 |
| 5 | 16861 | 16862 | NS | 1 | -34.987 | 24.222 | 0.232 | -34.745 | 25.06 | 0.212 | 0.635 | 32.549 | 7.9 | 1.745 | 36.383 | 18.788 | 0.116 | 305.543 | 4.862 | 0.116 | 289.05 | 3.839 | 0.116 | 0.188 | 0.0 | 0.116 | 0.171 | 0.0 |
| 6 | 16861 | 16862 | SN | 1 | -34.501 | 23.713 | 0.21 | -33.82 | 24.274 | 0.928 | 2.966 | 31.44 | 7.029 | 2.52 | 28.719 | 4.075 | 0.116 | 273.29 | 1.281 | 0.116 | 233.649 | 1.04 | 0.116 | 0.156 | 0.0 | 0.116 | 0.161 | 0.0 |
| 7 | 16861 | 16862 | SN | 2 | -34.501 | 23.713 | 0.21 | -33.82 | 24.274 | 0.928 | 2.966 | 31.44 | 7.029 | 2.52 | 28.719 | 4.075 | 0.116 | 273.29 | 1.281 | 0.116 | 233.649 | 1.04 | 0.116 | 0.156 | 0.0 | 0.116 | 0.161 | 0.0 |
| 8 | 16862 | 16863 | SN | 1 | -34.945 | 22.712 | 0.02 | -32.665 | 23.286 | 0.09 | 5.387 | 27.385 | 8.316 | 6.264 | 29.652 | 4.674 | 0.116 | 302.647 | 2.093 | 0.116 | 179.078 | 1.788 | 0.116 | 0.138 | 0.0 | 0.116 | 0.134 | 0.0 |
| 9 | 16862 | 16863 | NS | 1 | -34.362 | 22.771 | 0.015 | -32.549 | 23.371 | 0.004 | -3.304 | 28.419 | 8.772 | -9.324 | 29.116 | 17.248 | 0.116 | 264.58 | 3.013 | 0.116 | 174.316 | 2.843 | 0.116 | 0.305 | 0.0 | 0.116 | 0.921 | 0.0 |
| 10 | 16862 | 16863 | SN | 1 | -34.945 | 22.712 | 0.02 | -32.665 | 23.286 | 0.091 | 5.387 | 27.385 | 8.316 | 6.264 | 29.652 | 4.674 | 0.116 | 302.647 | 2.129 | 0.116 | 179.078 | 1.815 | 0.116 | 0.138 | 0.0 | 0.116 | 0.134 | 0.0 |
| 11 | 16862 | 16863 | SN | 2 | -34.945 | 22.712 | 0.02 | -32.665 | 23.286 | 0.091 | 5.387 | 27.385 | 8.316 | 6.264 | 29.652 | 4.674 | 0.116 | 302.647 | 2.129 | 0.116 | 179.078 | 1.815 | 0.116 | 0.138 | 0.0 | 0.116 | 0.134 | 0.0 |
| 12 | 16862 | 16863 | NS | 1 | -34.122 | 22.771 | 0.015 | -33.072 | 23.371 | 0.004 | -3.301 | 28.419 | 8.749 | -9.324 | 29.113 | 17.234 | 0.116 | 250.409 | 3.016 | 0.116 | 196.633 | 2.844 | 0.116 | 0.305 | 0.0 | 0.116 | 0.921 | 0.0 |
| 13 | 16863 | 16864 | NS | 1 | -31.831 | 21.091 | 0.0 | -34.192 | 23.389 | 0.004 | -4.427 | 28.224 | 6.358 | -3.827 | 30.232 | 12.153 | 0.116 | 147.811 | 2.084 | 0.116 | 254.456 | 2.157 | 0.116 | 0.365 | 0.0 | 0.116 | 0.331 | 0.0 |
| 14 | 16863 | 16864 | SN | 1 | -34.962 | 21.384 | 0.0 | -34.208 | 22.118 | 0.002 | 3.524 | 26.462 | 9.584 | 4.632 | 26.746 | 6.223 | 0.116 | 303.86 | 3.92 | 0.116 | 255.428 | 2.983 | 0.116 | 0.151 | 0.0 | 0.116 | 0.143 | 0.0 |
| 15 | 16863 | 16864 | SN | 2 | -34.962 | 21.384 | 0.0 | -34.208 | 22.118 | 0.002 | 3.524 | 26.462 | 9.584 | 4.632 | 26.746 | 6.223 | 0.116 | 303.86 | 3.92 | 0.116 | 255.428 | 2.983 | 0.116 | 0.151 | 0.0 | 0.116 | 0.143 | 0.0 |
| 16 | 16863 | 16864 | NS | 1 | -33.059 | 21.091 | 0.0 | -34.823 | 23.388 | 0.004 | -4.424 | 28.224 | 6.376 | -3.818 | 30.233 | 12.166 | 0.116 | 196.073 | 2.088 | 0.116 | 294.205 | 2.158 | 0.116 | 0.365 | 0.0 | 0.116 | 0.331 | 0.0 |
| 17 | 16864 | 16865 | SN | 1 | -34.445 | 22.195 | 0.002 | -34.782 | 23.077 | 0.037 | 4.409 | 27.545 | 12.661 | 6.55 | 27.959 | 14.767 | 0.116 | 269.773 | 2.878 | 0.116 | 291.526 | 2.307 | 0.116 | 0.144 | 0.0 | 0.116 | 0.133 | 0.0 |
| 18 | 16864 | 16865 | SN | 1 | -34.382 | 22.195 | 0.002 | -34.055 | 23.077 | 0.037 | 4.409 | 27.545 | 12.661 | 6.55 | 27.959 | 14.767 | 0.116 | 265.849 | 2.884 | 0.116 | 246.646 | 2.286 | 0.116 | 0.144 | 0.0 | 0.116 | 0.133 | 0.0 |
| 19 | 16864 | 16865 | NS | 2 | -33.678 | 21.955 | 0.0 | -30.163 | 22.457 | 0.002 | -8.878 | 28.771 | 3.801 | -9.693 | 28.867 | 8.689 | 0.116 | 226.094 | 1.149 | 0.116 | 100.685 | 1.055 | 0.116 | 0.841 | 0.0 | 0.116 | 0.995 | 0.0 |
| 20 | 16864 | 16865 | NS | 1 | -33.678 | 21.955 | 0.0 | -30.171 | 22.457 | 0.002 | -8.878 | 28.771 | 3.801 | -9.695 | 28.867 | 8.689 | 0.116 | 226.094 | 1.149 | 0.116 | 100.892 | 1.055 | 0.116 | 0.841 | 0.0 | 0.116 | 0.995 | 0.0 |
| 21 | 16864 | 16865 | SN | 1 | -34.382 | 22.195 | 0.002 | -34.055 | 23.077 | 0.038 | 4.409 | 27.545 | 12.756 | 6.55 | 27.959 | 15.296 | 0.116 | 265.849 | 2.965 | 0.116 | 246.646 | 2.338 | 0.116 | 0.144 | 0.0 | 0.116 | 0.133 | 0.0 |
| 22 | 16865 | 16866 | SN | 1 | -34.685 | 22.481 | 0.002 | -34.581 | 22.418 | 0.015 | 4.75 | 27.545 | 13.28 | 8.227 | 28.525 | 16.035 | 0.116 | 285.115 | 4.081 | 0.116 | 278.324 | 3.475 | 0.116 | 0.142 | 0.0 | 0.116 | 0.127 | 0.0 |
| 23 | 16865 | 16866 | SN | 1 | -34.685 | 22.481 | 0.002 | -34.581 | 22.418 | 0.012 | 4.75 | 27.545 | 13.842 | 8.227 | 28.528 | 16.328 | 0.116 | 285.115 | 4.222 | 0.116 | 278.324 | 3.62 | 0.116 | 0.142 | 0.0 | 0.116 | 0.127 | 0.0 |
| 24 | 16865 | 16866 | SN | 1 | -34.671 | 22.481 | 0.002 | -34.704 | 22.418 | 0.014 | 4.75 | 27.545 | 13.284 | 8.227 | 28.525 | 16.035 | 0.116 | 284.165 | 4.095 | 0.116 | 286.342 | 3.48 | 0.116 | 0.142 | 0.0 | 0.116 | 0.127 | 0.0 |
| 25 | 16865 | 16866 | NS | 1 | -34.096 | 23.283 | 0.028 | -33.098 | 22.899 | 0.111 | -4.622 | 28.4 | 5.017 | -8.157 | 28.621 | 9.43 | 0.116 | 248.948 | 1.526 | 0.116 | 197.825 | 0.995 | 0.116 | 0.377 | 0.0 | 0.116 | 0.727 | 0.0 |
| 26 | 16865 | 16866 | NS | 2 | -34.096 | 23.283 | 0.028 | -33.098 | 22.899 | 0.111 | -4.622 | 28.4 | 5.017 | -8.157 | 28.617 | 9.428 | 0.116 | 248.948 | 1.528 | 0.116 | 197.825 | 0.995 | 0.116 | 0.377 | 0.0 | 0.116 | 0.727 | 0.0 |
| 27 | 16866 | 16867 | SN | 2 | -34.943 | 20.336 | 0.0 | -34.427 | 22.746 | 0.023 | 5.687 | 28.078 | 9.273 | 8.564 | 29.844 | 11.95 | 0.116 | 302.517 | 3.808 | 0.116 | 268.622 | 3.481 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 28 | 16866 | 16867 | NS | 1 | -34.942 | 23.109 | 0.022 | -34.351 | 26.702 | 0.244 | -5.645 | 30.188 | 6.811 | -8.251 | 31.587 | 12.326 | 0.116 | 302.416 | 1.783 | 0.116 | 263.932 | 1.684 | 0.116 | 0.451 | 0.0 | 0.116 | 0.741 | 0.0 |
| 29 | 16866 | 16867 | NS | 1 | -33.744 | 23.111 | 0.023 | -34.948 | 26.7 | 0.243 | -5.645 | 30.188 | 6.807 | -8.251 | 31.587 | 12.322 | 0.116 | 229.578 | 1.788 | 0.116 | 302.819 | 1.683 | 0.116 | 0.45 | 0.0 | 0.116 | 0.741 | 0.0 |
| 30 | 16866 | 16867 | SN | 1 | -34.943 | 20.336 | 0.0 | -34.427 | 20.312 | 0.0 | 5.687 | 28.078 | 9.78 | 8.564 | 29.844 | 11.963 | 0.116 | 302.517 | 4.009 | 0.116 | 268.622 | 3.719 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 31 | 16866 | 16867 | SN | 1 | -34.943 | 20.336 | 0.0 | -34.427 | 22.746 | 0.023 | 5.687 | 28.078 | 9.273 | 8.564 | 29.844 | 11.95 | 0.116 | 302.517 | 3.808 | 0.116 | 268.622 | 3.481 | 0.116 | 0.137 | 0.0 | 0.116 | 0.126 | 0.0 |
| 32 | 16867 | 16868 | SN | 1 | -34.677 | 22.242 | 0.002 | -34.8 | 21.634 | 0.0 | -0.479 | 33.006 | 10.815 | 1.425 | 32.062 | 12.947 | 0.116 | 284.565 | 7.75 | 0.116 | 292.735 | 6.699 | 0.116 | 0.211 | 0.0 | 0.116 | 0.175 | 0.0 |
| 33 | 16867 | 16868 | NS | 1 | -34.979 | 22.885 | 0.004 | -34.666 | 23.046 | 0.016 | 2.776 | 31.089 | 8.813 | 5.388 | 29.188 | 15.112 | 0.116 | 305.014 | 2.636 | 0.116 | 283.81 | 2.348 | 0.116 | 0.158 | 0.0 | 0.116 | 0.138 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 16886 | 16887 | NS | 1 | -34.917 | 24.758 | 0.2 | -34.436 | 28.258 | 0.355 | 9.333 | 28.273 | 24.125 | 9.268 | 28.341 | 35.634 | 0.116 | 300.694 | 3.338 | 0.116 | 269.216 | 3.256 | 0.116 | 0.125 | 0.0 | 0.116 | 0.125 | 0.0 |
| 113 | 16886 | 16887 | NS | 1 | -34.917 | 24.758 | 0.201 | -34.436 | 28.258 | 0.355 | 9.333 | 28.273 | 17.825 | 9.267 | 28.34 | 35.239 | 0.116 | 300.694 | 3.34 | 0.116 | 269.216 | 3.257 | 0.116 | 0.125 | 0.0 | 0.116 | 0.125 | 0.0 |
| 114 | 16886 | 16887 | SN | 1 | -33.959 | 22.755 | 0.011 | -33.348 | 23.705 | 0.836 | -3.994 | 29.729 | 14.01 | -5.99 | 29.669 | 15.618 | 0.116 | 241.25 | 1.42 | 0.116 | 209.548 | 1.139 | 0.116 | 0.34 | 0.0 | 0.116 | 0.48 | 0.0 |
| 115 | 16887 | 16888 | NS | 1 | -34.838 | 26.943 | 0.263 | -34.475 | 25.322 | 0.103 | 8.224 | 28.258 | 25.484 | 8.405 | 28.804 | 35.459 | 0.116 | 295.276 | 3.939 | 0.116 | 271.568 | 4.002 | 0.116 | 0.127 | 0.0 | 0.116 | 0.127 | 0.0 |
| 116 | 16887 | 16888 | NS | 1 | -34.838 | 26.943 | 0.263 | -34.475 | 25.322 | 0.103 | 8.223 | 28.258 | 13.279 | 8.405 | 28.804 | 35.318 | 0.116 | 295.276 | 3.94 | 0.116 | 271.568 | 4.002 | 0.116 | 0.127 | 0.0 | 0.116 | 0.127 | 0.0 |
| 117 | 16887 | 16888 | SN | 1 | -33.839 | 23.038 | 0.015 | -34.42 | 24.135 | 0.638 | -5.484 | 29.822 | 32.458 | -5.589 | 30.574 | 41.261 | 0.116 | 234.598 | 3.153 | 0.116 | 268.255 | 2.507 | 0.116 | 0.438 | 0.0 | 0.116 | 0.446 | 0.0 |
| 118 | 16888 | 16889 | SN | 1 | -34.849 | 23.419 | 0.037 | -34.29 | 24.348 | 0.668 | 5.523 | 29.3 | 26.145 | 9.169 | 30.089 | 32.192 | 0.116 | 296.013 | 2.46 | 0.116 | 260.302 | 2.121 | 0.116 | 0.138 | 0.0 | 0.116 | 0.125 | 0.0 |
| 119 | 16888 | 16889 | SN | 1 | -34.849 | 22.622 | 0.005 | -34.29 | 22.384 | 0.007 | 5.498 | 29.291 | 22.591 | 9.169 | 30.092 | 29.206 | 0.116 | 296.013 | 2.468 | 0.116 | 260.302 | 2.267 | 0.116 | 0.138 | 0.0 | 0.116 | 0.125 | 0.0 |
| 120 | 16888 | 16889 | NS | 1 | -34.782 | 23.362 | 0.199 | -34.985 | 26.85 | 0.031 | 6.581 | 27.656 | 2.626 | 7.178 | 30.461 | 2.51 | 0.116 | 291.506 | 4.345 | 0.116 | 305.476 | 3.639 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 121 | 16888 | 16889 | NS | 1 | -34.782 | 23.362 | 0.199 | -34.985 | 26.85 | 0.031 | 6.28 | 27.899 | 16.785 | 7.178 | 30.461 | 25.759 | 0.116 | 291.506 | 4.23 | 0.116 | 305.476 | 3.635 | 0.116 | 0.134 | 0.0 | 0.116 | 0.13 | 0.0 |
| 122 | 16889 | 16890 | NS | 1 | -34.85 | 23.748 | 0.277 | -34.931 | 24.486 | 0.203 | 7.034 | 29.924 | 10.254 | 7.223 | 28.651 | 19.003 | 0.116 | 296.149 | 8.627 | 0.116 | 301.719 | 7.836 | 0.116 | 0.131 | 0.0 | 0.116 | 0.13 | 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 | 16860 | 16861 | SN | 1 | 57.588 | 58.321 | 0.0 | 0.0 | 292.146 | 3.368 | 1219.504 | 1272.584 | 0.0 | -93.212 | -92.138 | 0.0 |
| 2 | 16860 | 16861 | SN | 1 | 57.588 | 58.321 | 0.0 | 0.0 | 292.146 | 4.073 | 1219.504 | 1272.584 | 0.0 | -93.212 | -92.138 | 0.0 |
| 3 | 16861 | 16862 | NS | 1 | 57.474 | 58.171 | 0.0 | 0.0 | 297.33 | 3.808 | 1206.104 | 1270.248 | 7.622 | -93.492 | -91.991 | 0.0 |
| 4 | 16861 | 16862 | SN | 1 | 57.591 | 58.305 | 0.0 | 0.003 | 285.87 | 3.513 | 1219.104 | 1272.504 | 0.0 | -93.232 | -92.116 | 0.0 |
| 5 | 16861 | 16862 | NS | 1 | 57.474 | 58.168 | 0.0 | 0.0 | 297.33 | 3.795 | 1206.104 | 1270.248 | 7.629 | -93.492 | -91.991 | 0.0 |
| 6 | 16861 | 16862 | SN | 1 | 57.591 | 58.305 | 0.0 | 0.003 | 285.87 | 3.858 | 1219.104 | 1272.504 | 0.0 | -93.232 | -92.116 | 0.0 |
| 7 | 16861 | 16862 | SN | 2 | 57.591 | 58.305 | 0.0 | 0.003 | 285.87 | 3.858 | 1219.104 | 1272.504 | 0.0 | -93.232 | -92.116 | 0.0 |
| 8 | 16862 | 16863 | SN | 1 | 57.559 | 58.288 | 0.0 | 0.0 | 299.338 | 3.715 | 1219.016 | 1272.712 | 0.0 | -93.225 | -92.141 | 0.0 |
| 9 | 16862 | 16863 | NS | 1 | 57.476 | 58.16 | 0.0 | 0.0 | 297.777 | 3.628 | 1205.896 | 1270.496 | 7.592 | -93.179 | -91.953 | 0.0 |
| 10 | 16862 | 16863 | SN | 1 | 57.559 | 58.288 | 0.0 | 0.0 | 299.338 | 3.374 | 1219.016 | 1272.712 | 0.0 | -93.225 | -92.141 | 0.0 |
| 11 | 16862 | 16863 | SN | 2 | 57.559 | 58.288 | 0.0 | 0.0 | 299.338 | 3.374 | 1219.016 | 1272.712 | 0.0 | -93.225 | -92.141 | 0.0 |
| 12 | 16862 | 16863 | NS | 1 | 57.477 | 58.168 | 0.0 | 0.0 | 297.76 | 3.623 | 1205.584 | 1270.472 | 7.553 | -93.154 | -91.953 | 0.0 |
| 13 | 16863 | 16864 | NS | 1 | 57.456 | 58.145 | 0.0 | 0.0 | 296.459 | 3.711 | 1206.424 | 1270.464 | 7.384 | -93.173 | -92.013 | 0.0 |
| 14 | 16863 | 16864 | SN | 1 | 57.552 | 58.318 | 0.0 | 0.0 | 297.595 | 3.703 | 1219.44 | 1272.592 | 0.0 | -93.229 | -92.15 | 0.0 |
| 15 | 16863 | 16864 | SN | 2 | 57.552 | 58.318 | 0.0 | 0.0 | 297.595 | 3.703 | 1219.44 | 1272.592 | 0.0 | -93.229 | -92.15 | 0.0 |
| 16 | 16863 | 16864 | NS | 1 | 57.477 | 58.154 | 0.0 | 0.0 | 296.459 | 3.715 | 1206.424 | 1270.464 | 7.393 | -93.119 | -92.013 | 0.0 |
| 17 | 16864 | 16865 | SN | 1 | 57.552 | 58.285 | 0.0 | 0.0 | 297.071 | 3.723 | 1218.688 | 1272.472 | 0.0 | -93.159 | -92.148 | 0.0 |
| 18 | 16864 | 16865 | SN | 1 | 57.559 | 58.285 | 0.0 | 0.0 | 297.071 | 3.727 | 1218.688 | 1272.472 | 0.0 | -93.159 | -92.148 | 0.0 |
| 19 | 16864 | 16865 | NS | 2 | 57.478 | 58.15 | 0.0 | 0.0 | 296.795 | 3.951 | 1206.184 | 1270.304 | 7.335 | -93.138 | -91.983 | 0.0 |
| 20 | 16864 | 16865 | NS | 1 | 57.477 | 58.149 | 0.0 | 0.0 | 293.519 | 3.953 | 1206.168 | 1270.32 | 7.354 | -93.138 | -91.983 | 0.0 |
| 21 | 16864 | 16865 | SN | 1 | 57.559 | 58.285 | 0.0 | 0.0 | 297.071 | 3.318 | 1218.688 | 1272.472 | 0.0 | -93.293 | -92.148 | 0.0 |
| 22 | 16865 | 16866 | SN | 1 | 57.586 | 58.311 | 0.0 | 0.0 | 295.256 | 3.689 | 1219.44 | 1272.4 | 0.0 | -93.224 | -92.148 | 0.0 |
| 23 | 16865 | 16866 | SN | 1 | 57.586 | 58.311 | 0.0 | 0.0 | 295.256 | 3.144 | 1219.44 | 1272.4 | 0.0 | -93.224 | -92.148 | 0.0 |
| 24 | 16865 | 16866 | SN | 1 | 57.586 | 58.311 | 0.0 | 0.0 | 295.256 | 3.686 | 1219.44 | 1272.4 | 0.0 | -93.263 | -92.148 | 0.0 |
| 25 | 16865 | 16866 | NS | 1 | 57.445 | 58.144 | 0.0 | 0.0 | 292.902 | 3.85 | 1205.8 | 1270.136 | 7.794 | -93.086 | -91.996 | 0.0 |
| 26 | 16865 | 16866 | NS | 2 | 57.445 | 58.144 | 0.0 | 0.0 | 292.902 | 3.85 | 1205.8 | 1270.136 | 7.793 | -93.086 | -91.996 | 0.0 |
| 27 | 16866 | 16867 | SN | 2 | 57.58 | 58.288 | 0.0 | 0.0 | 286.642 | 3.955 | 1218.656 | 1272.384 | 0.0 | -93.305 | -92.149 | 0.0 |
| 28 | 16866 | 16867 | NS | 1 | 57.445 | 58.145 | 0.0 | 0.0 | 294.882 | 3.868 | 1205.8 | 1270.128 | 7.883 | -93.158 | -92.014 | 0.0 |
| 29 | 16866 | 16867 | NS | 1 | 57.448 | 58.149 | 0.0 | 0.0 | 294.931 | 3.865 | 1205.864 | 1270.08 | 7.802 | -93.178 | -92.014 | 0.0 |
| 30 | 16866 | 16867 | SN | 1 | 57.58 | 58.288 | 0.0 | 0.0 | 286.642 | 3.042 | 1218.656 | 1272.384 | 0.0 | -93.265 | -92.149 | 0.0 |
| 31 | 16866 | 16867 | SN | 1 | 57.58 | 58.288 | 0.0 | 0.0 | 286.642 | 3.955 | 1218.656 | 1272.384 | 0.0 | -93.305 | -92.149 | 0.0 |
| 32 | 16867 | 16868 | SN | 1 | 57.589 | 58.31 | 0.0 | 0.0 | 298.13 | 2.713 | 1219.808 | 1273.216 | 0.0 | -93.257 | -92.133 | 0.0 |
| 33 | 16867 | 16868 | NS | 1 | 57.441 | 58.176 | 0.0 | 0.0 | 298.091 | 3.714 | 1206.12 | 1270.312 | 8.38 | -93.178 | -92.012 | 0.0 |
| 34 | 16867 | 16868 | SN | 1 | 57.349 | 58.31 | 0.0 | 0.0 | 298.13 | 3.922 | 1219.808 | 1273.216 | 0.0 | -94.947 | -92.133 | 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 | 16867 | 16868 | SN | 2 | 57.349 | 58.31 | 0.0 | 0.0 | 298.13 | 3.922 | 1219.808 | 1273.216 | 0.0 | -94.947 | -92.133 | 0.0 |
| 36 | 16867 | 16868 | NS | 1 | 57.439 | 58.17 | 0.0 | 0.0 | 298.091 | 3.717 | 1206.12 | 1270.312 | 8.389 | -93.212 | -92.012 | 0.0 |
| 37 | 16868 | 16869 | NS | 1 | 57.474 | 58.176 | 0.0 | 0.0 | 293.299 | 3.851 | 1206.088 | 1270.416 | 8.391 | -93.213 | -91.988 | 0.0 |
| 38 | 16868 | 16869 | NS | 1 | 57.474 | 58.175 | 0.0 | 0.0 | 293.299 | 3.849 | 1205.376 | 1270.416 | 8.385 | -93.209 | -91.988 | 0.0 |
| 39 | 16868 | 16869 | SN | 2 | 57.574 | 58.316 | 0.0 | 0.0 | 297.523 | 3.794 | 1219.112 | 1272.688 | 0.0 | -93.26 | -92.085 | 0.0 |
| 40 | 16868 | 16869 | SN | 1 | 57.568 | 58.317 | 0.0 | 0.0 | 297.49 | 3.792 | 1219.136 | 1272.704 | 0.0 | -93.24 | -92.085 | 0.0 |
| 41 | 16869 | 16870 | SN | 1 | 57.591 | 58.295 | 0.0 | 0.0 | 298.268 | 3.73 | 1219.712 | 1272.648 | 0.0 | -93.176 | -92.131 | 0.0 |
| 42 | 16869 | 16870 | NS | 1 | 57.45 | 58.214 | 0.0 | 0.003 | 294.6 | 3.949 | 1205.872 | 1270.312 | 7.661 | -95.836 | -91.979 | 0.0 |
| 43 | 16869 | 16870 | NS | 2 | 57.45 | 58.214 | 0.0 | 0.003 | 294.6 | 3.949 | 1205.872 | 1270.312 | 7.661 | -95.836 | -91.979 | 0.0 |
| 44 | 16870 | 16871 | NS | 1 | 57.477 | 58.375 | 0.0 | 0.0 | 293.894 | 3.798 | 1205.448 | 1277.144 | 8.01 | -94.824 | -92.012 | 0.0 |
| 45 | 16870 | 16871 | SN | 1 | 57.557 | 58.317 | 0.0 | 0.0 | 299.294 | 3.92 | 1219.768 | 1272.584 | 0.0 | -94.68 | -92.118 | 0.0 |
| 46 | 16871 | 16872 | SN | 1 | 57.575 | 58.295 | 0.0 | 0.0 | 291.164 | 3.866 | 1218.952 | 1272.696 | 0.0 | -93.174 | -92.121 | 0.0 |
| 47 | 16871 | 16872 | NS | 1 | 57.443 | 58.172 | 0.0 | 0.0 | 294.595 | 3.72 | 1205.576 | 1270.344 | 8.473 | -93.334 | -92.01 | 0.0 |
| 48 | 16871 | 16872 | NS | 1 | 57.443 | 58.172 | 0.0 | 0.0 | 291.567 | 3.149 | 1205.576 | 1269.888 | 8.622 | -93.334 | -92.01 | 0.0 |
| 49 | 16872 | 16873 | NS | 1 | 57.435 | 58.142 | 0.0 | 0.0 | 297.953 | 3.767 | 1205.248 | 1270.392 | 8.921 | -93.225 | -92.009 | 0.0 |
| 50 | 16872 | 16873 | NS | 1 | 57.45 | 58.166 | 0.0 | 0.0 | 297.953 | 3.763 | 1205.168 | 1270.392 | 8.962 | -93.232 | -92.009 | 0.0 |
| 51 | 16872 | 16873 | SN | 1 | 57.555 | 58.295 | 0.0 | 0.0 | 283.499 | 3.782 | 1219.568 | 1272.744 | 0.0 | -93.208 | -92.131 | 0.0 |
| 52 | 16872 | 16873 | SN | 2 | 57.555 | 58.295 | 0.0 | 0.0 | 300.0 | 3.783 | 1219.568 | 1272.744 | 0.0 | -93.208 | -92.131 | 0.0 |
| 53 | 16873 | 16874 | NS | 1 | 57.456 | 58.143 | 0.0 | 0.0 | 282.02 | 2.267 | 1205.0 | 1266.096 | 10.259 | -93.024 | -92.007 | 0.0 |
| 54 | 16873 | 16874 | NS | 1 | 57.456 | 58.143 | 0.0 | 0.0 | 290.321 | 3.751 | 1205.0 | 1270.568 | 9.318 | -93.041 | -92.007 | 0.0 |
| 55 | 16873 | 16874 | NS | 1 | 57.456 | 58.143 | 0.0 | 0.0 | 290.354 | 3.748 | 1205.008 | 1270.56 | 9.362 | -93.107 | -92.007 | 0.0 |
| 56 | 16873 | 16874 | SN | 1 | 57.56 | 58.29 | 0.0 | 0.0 | 297.132 | 3.73 | 1219.56 | 1272.888 | 0.0 | -93.156 | -92.152 | 0.0 |
| 57 | 16873 | 16874 | SN | 1 | 57.56 | 58.29 | 0.0 | 0.0 | 297.132 | 3.738 | 1219.56 | 1272.888 | 0.0 | -93.156 | -92.152 | 0.0 |
| 58 | 16874 | 16875 | SN | 1 | 57.566 | 58.302 | 0.0 | 0.0 | 298.124 | 2.945 | 1219.2 | 1272.984 | 0.0 | -93.194 | -92.154 | 0.0 |
| 59 | 16874 | 16875 | NS | 1 | 57.442 | 58.166 | 0.0 | 0.0 | 285.881 | 2.157 | 1205.472 | 1261.768 | 11.323 | -93.16 | -91.998 | 0.0 |
| 60 | 16874 | 16875 | NS | 2 | 57.443 | 58.165 | 0.0 | 0.0 | 293.883 | 3.905 | 1205.48 | 1270.624 | 9.573 | -93.202 | -91.998 | 0.0 |
| 61 | 16874 | 16875 | NS | 1 | 57.442 | 58.167 | 0.0 | 0.0 | 293.883 | 3.907 | 1205.472 | 1270.624 | 9.588 | -93.426 | -91.998 | 0.0 |
| 62 | 16874 | 16875 | SN | 1 | 57.588 | 58.302 | 0.0 | 0.0 | 298.124 | 4.009 | 1219.2 | 1272.984 | 0.0 | -93.194 | -92.154 | 0.0 |
| 63 | 16875 | 16876 | NS | 1 | 57.456 | 58.212 | 0.0 | 0.0 | 293.9 | 4.085 | 1205.2 | 1270.448 | 7.986 | -93.454 | -91.987 | 0.0 |
| 64 | 16875 | 16876 | SN | 1 | 57.546 | 58.305 | 0.0 | 0.0 | 274.537 | 3.643 | 1219.28 | 1272.76 | 0.0 | -93.22 | -92.117 | 0.0 |
| 65 | 16875 | 16876 | SN | 1 | 57.555 | 58.323 | 0.0 | 0.0 | 284.386 | 4.086 | 1219.304 | 1272.76 | 0.0 | -93.22 | -92.117 | 0.0 |
| 66 | 16875 | 16876 | SN | 1 | 57.546 | 58.305 | 0.0 | 0.0 | 284.386 | 4.09 | 1219.28 | 1272.76 | 0.0 | -93.22 | -92.117 | 0.0 |
| 67 | 16876 | 16877 | SN | 1 | 57.568 | 58.289 | 0.0 | 0.0 | 292.753 | 3.422 | 1218.992 | 1272.992 | 0.0 | -93.311 | -92.121 | 0.0 |
| 68 | 16876 | 16877 | SN | 1 | 57.565 | 58.288 | 0.0 | 0.0 | 292.858 | 3.42 | 1218.872 | 1272.976 | 0.0 | -93.314 | -92.121 | 0.0 |
| 69 | 16876 | 16877 | SN | 1 | 57.565 | 58.288 | 0.0 | 0.0 | 292.858 | 3.759 | 1218.872 | 1272.976 | 0.0 | -93.314 | -92.121 | 0.0 |
| 70 | 16876 | 16877 | NS | 1 | 57.473 | 58.172 | 0.0 | 0.0 | 296.134 | 3.657 | 1205.544 | 1270.736 | 7.55 | -93.205 | -91.97 | 0.0 |
| 71 | 16876 | 16877 | NS | 2 | 57.473 | 58.172 | 0.0 | 0.0 | 296.134 | 3.658 | 1205.544 | 1270.736 | 7.551 | -93.205 | -91.97 | 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 | 16877 | 16878 | SN | 2 | 57.565 | 58.32 | 0.0 | 0.0 | 287.017 | 3.729 | 1219.272 | 1273.008 | 0.0 | -93.27 | -92.15 | 0.0 |
| 73 | 16877 | 16878 | SN | 1 | 57.565 | 58.32 | 0.0 | 0.0 | 287.017 | 3.73 | 1219.272 | 1273.008 | 0.0 | -93.27 | -92.15 | 0.0 |
| 74 | 16877 | 16878 | NS | 1 | 57.472 | 58.147 | 0.0 | 0.0 | 298.544 | 3.708 | 1205.536 | 1270.832 | 7.613 | -93.052 | -91.976 | 0.0 |
| 75 | 16877 | 16878 | NS | 1 | 57.472 | 58.147 | 0.0 | 0.0 | 298.544 | 3.712 | 1205.536 | 1270.832 | 7.622 | -93.088 | -91.976 | 0.0 |
| 76 | 16877 | 16878 | SN | 1 | 57.565 | 58.32 | 0.0 | 0.003 | 287.017 | 3.393 | 1219.272 | 1273.008 | 0.0 | -93.27 | -92.15 | 0.0 |
| 77 | 16878 | 16879 | NS | 1 | 57.465 | 58.147 | 0.0 | 0.0 | 297.22 | 3.762 | 1205.72 | 1270.744 | 7.021 | -93.187 | -91.984 | 0.0 |
| 78 | 16878 | 16879 | SN | 1 | 57.549 | 58.288 | 0.0 | 0.0 | 298.908 | 3.738 | 1218.504 | 1272.896 | 0.0 | -93.195 | -92.115 | 0.0 |
| 79 | 16878 | 16879 | SN | 1 | 57.549 | 58.288 | 0.0 | 0.0 | 298.908 | 3.368 | 1218.504 | 1272.896 | 0.0 | -93.463 | -92.115 | 0.0 |
| 80 | 16878 | 16879 | SN | 1 | 57.549 | 58.288 | 0.0 | 0.0 | 298.908 | 3.735 | 1218.504 | 1272.896 | 0.0 | -93.195 | -92.115 | 0.0 |
| 81 | 16878 | 16879 | NS | 1 | 57.463 | 58.17 | 0.0 | 0.0 | 297.22 | 3.774 | 1205.744 | 1270.712 | 6.984 | -93.132 | -91.984 | 0.0 |
| 82 | 16879 | 16880 | SN | 1 | 57.583 | 58.304 | 0.0 | 0.0 | 297.253 | 3.685 | 1218.488 | 1272.824 | 0.0 | -93.24 | -92.148 | 0.0 |
| 83 | 16879 | 16880 | SN | 1 | 57.583 | 58.304 | 0.0 | 0.0 | 297.253 | 3.682 | 1218.488 | 1272.824 | 0.0 | -93.24 | -92.148 | 0.0 |
| 84 | 16879 | 16880 | NS | 1 | 57.444 | 58.149 | 0.0 | 0.0 | 293.641 | 3.828 | 1206.472 | 1270.64 | 7.901 | -93.09 | -92.001 | 0.0 |
| 85 | 16879 | 16880 | NS | 1 | 57.442 | 58.147 | 0.0 | 0.0 | 297.242 | 3.812 | 1206.424 | 1270.688 | 7.967 | -93.108 | -92.0 | 0.0 |
| 86 | 16879 | 16880 | SN | 1 | 57.583 | 58.304 | 0.0 | 0.0 | 297.253 | 3.24 | 1218.488 | 1272.824 | 0.0 | -93.24 | -92.148 | 0.0 |
| 87 | 16880 | 16881 | SN | 1 | 57.307 | 58.287 | 0.0 | 0.0 | 297.181 | 4.084 | 1212.408 | 1272.712 | 0.0 | -94.274 | -92.147 | 0.0 |
| 88 | 16880 | 16881 | NS | 1 | 57.457 | 58.171 | 0.0 | 0.0 | 292.703 | 4.019 | 1206.4 | 1270.528 | 8.07 | -93.061 | -92.006 | 0.0 |
| 89 | 16880 | 16881 | SN | 1 | 57.307 | 58.288 | 0.0 | 0.0 | 297.181 | 4.4 | 1212.408 | 1272.712 | 0.0 | -94.274 | -92.147 | 0.0 |
| 90 | 16880 | 16881 | NS | 2 | 57.46 | 58.174 | 0.0 | 0.0 | 292.72 | 4.018 | 1206.472 | 1270.456 | 7.975 | -93.06 | -92.007 | 0.0 |
| 91 | 16880 | 16881 | SN | 1 | 57.307 | 58.288 | 0.0 | 0.0 | 297.181 | 3.72 | 1212.408 | 1272.712 | 0.0 | -94.274 | -92.147 | 0.0 |
| 92 | 16881 | 16882 | NS | 1 | 57.443 | 58.151 | 0.0 | 0.0 | 293.812 | 3.76 | 1206.04 | 1270.6 | 8.346 | -93.27 | -92.012 | 0.0 |
| 93 | 16881 | 16882 | NS | 2 | 57.452 | 58.155 | 0.0 | 0.0 | 293.834 | 3.761 | 1206.096 | 1270.504 | 8.219 | -93.27 | -92.012 | 0.0 |
| 94 | 16881 | 16882 | SN | 1 | 57.585 | 58.296 | 0.0 | 0.0 | 292.532 | 3.862 | 1219.416 | 1273.056 | 0.0 | -93.216 | -92.146 | 0.0 |
| 95 | 16881 | 16882 | SN | 1 | 57.566 | 58.297 | 0.0 | 0.0 | 292.532 | 3.86 | 1219.416 | 1273.056 | 0.0 | -93.213 | -92.146 | 0.0 |
| 96 | 16881 | 16882 | SN | 1 | 57.585 | 58.296 | 0.0 | 0.0 | 292.532 | 2.859 | 1219.416 | 1273.056 | 0.0 | -93.216 | -92.146 | 0.0 |
| 97 | 16882 | 16883 | SN | 2 | 57.479 | 58.313 | 0.0 | 0.0 | 285.903 | 3.91 | 1219.592 | 1273.016 | 0.0 | -95.209 | -92.101 | 0.0 |
| 98 | 16882 | 16883 | SN | 1 | 57.479 | 58.313 | 0.0 | 0.0 | 285.903 | 3.91 | 1219.592 | 1273.016 | 0.0 | -95.209 | -92.101 | 0.0 |
| 99 | 16882 | 16883 | NS | 1 | 57.478 | 58.175 | 0.0 | 0.0 | 297.97 | 3.883 | 1206.048 | 1270.688 | 8.384 | -93.166 | -92.012 | 0.0 |
| 100 | 16882 | 16883 | NS | 1 | 57.473 | 58.168 | 0.0 | 0.0 | 297.976 | 3.883 | 1206.008 | 1270.8 | 8.507 | -93.309 | -92.011 | 0.0 |
| 101 | 16882 | 16883 | SN | 1 | 57.585 | 58.313 | 0.0 | 0.0 | 285.903 | 2.566 | 1219.592 | 1273.016 | 0.0 | -93.458 | -92.101 | 0.0 |
| 102 | 16883 | 16884 | SN | 1 | 57.582 | 58.313 | 0.0 | 0.0 | 299.266 | 3.74 | 1219.264 | 1273.048 | 0.0 | -93.22 | -92.091 | 0.0 |
| 103 | 16883 | 16884 | NS | 1 | 57.445 | 58.177 | 0.0 | 0.0 | 299.398 | 3.975 | 1205.64 | 1270.776 | 7.722 | -93.341 | -91.979 | 0.0 |
| 104 | 16883 | 16884 | NS | 1 | 57.445 | 58.171 | 0.0 | 0.0 | 299.398 | 3.971 | 1205.64 | 1270.776 | 7.713 | -93.241 | -91.979 | 0.0 |
| 105 | 16883 | 16884 | SN | 2 | 57.582 | 58.313 | 0.0 | 0.0 | 299.266 | 3.74 | 1219.264 | 1273.048 | 0.0 | -93.22 | -92.091 | 0.0 |
| 106 | 16884 | 16885 | NS | 1 | 57.457 | 58.146 | 0.0 | 0.0 | 293.409 | 3.842 | 1205.352 | 1270.688 | 8.053 | -93.133 | -91.98 | 0.0 |
| 107 | 16884 | 16885 | NS | 1 | 57.46 | 58.146 | 0.0 | 0.0 | 293.409 | 3.839 | 1205.384 | 1270.688 | 8.082 | -93.165 | -91.98 | 0.0 |
| 108 | 16884 | 16885 | SN | 1 | 57.577 | 58.324 | 0.0 | 0.0 | 298.031 | 3.79 | 1218.784 | 1272.904 | 0.0 | -93.244 | -92.126 | 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 | 16885 | 16886 | SN | 1 | 57.563 | 58.322 | 0.0 | 0.0 | 297.6 | 3.855 | 1219.368 | 1273.0 | 0.0 | -93.209 | -92.131 | 0.0 |
| 110 | 16885 | 16886 | NS | 1 | 57.455 | 58.171 | 0.0 | 0.0 | 295.764 | 3.482 | 1205.768 | 1270.4 | 8.394 | -93.142 | -92.011 | 0.0 |
| 111 | 16885 | 16886 | NS | 1 | 57.455 | 58.171 | 0.0 | 0.0 | 295.764 | 3.792 | 1205.768 | 1270.784 | 8.336 | -93.142 | -92.011 | 0.0 |
| 112 | 16886 | 16887 | NS | 1 | 57.448 | 58.145 | 0.0 | 0.0 | 293.856 | 3.728 | 1205.4 | 1270.856 | 8.633 | -93.215 | -92.001 | 0.0 |
| 113 | 16886 | 16887 | NS | 1 | 57.448 | 58.155 | 0.0 | 0.0 | 287.734 | 3.091 | 1205.4 | 1268.696 | 8.919 | -93.227 | -92.001 | 0.0 |
| 114 | 16886 | 16887 | SN | 1 | 57.585 | 58.292 | 0.0 | 0.0 | 297.358 | 3.758 | 1219.248 | 1273.088 | 0.0 | -93.195 | -92.126 | 0.0 |
| 115 | 16887 | 16888 | NS | 1 | 57.467 | 58.176 | 0.0 | 0.0 | 296.277 | 3.767 | 1205.024 | 1270.976 | 9.294 | -93.171 | -92.008 | 0.0 |
| 116 | 16887 | 16888 | NS | 1 | 57.467 | 58.176 | 0.0 | 0.006 | 292.742 | 3.087 | 1205.024 | 1268.72 | 9.65 | -93.195 | -92.008 | 0.0 |
| 117 | 16887 | 16888 | SN | 1 | 57.548 | 58.291 | 0.0 | 0.0 | 287.718 | 3.741 | 1219.216 | 1273.224 | 0.0 | -93.087 | -92.151 | 0.0 |
| 118 | 16888 | 16889 | SN | 1 | 57.576 | 58.295 | 0.0 | 0.0 | 299.227 | 3.91 | 1219.296 | 1273.336 | 0.0 | -93.201 | -92.151 | 0.0 |
| 119 | 16888 | 16889 | SN | 1 | 57.576 | 58.295 | 0.0 | 0.0 | 299.227 | 2.526 | 1219.296 | 1273.336 | 0.0 | -93.201 | -92.151 | 0.0 |
| 120 | 16888 | 16889 | NS | 1 | 57.446 | 58.158 | 0.0 | 0.003 | 299.09 | 2.031 | 1205.496 | 1264.688 | 10.909 | -93.078 | -92.006 | 0.0 |
| 121 | 16888 | 16889 | NS | 1 | 57.446 | 58.158 | 0.0 | 0.003 | 299.09 | 3.811 | 1205.496 | 1271.128 | 9.555 | -93.146 | -92.006 | 0.0 |
| 122 | 16889 | 16890 | NS | 1 | 57.471 | 58.177 | 0.0 | 0.0 | 294.291 | 4.006 | 1205.728 | 1271.064 | 9.173 | -93.226 | -92.008 | 0.0 |

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

| | |
|--|---|
|  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 | 16860 | 16861 | SN | 1 | -33.328 | 15.93 | 0.0 | -34.642 | 17.754 | 0.0 | -30.414 | 22.611 | 0.002 | -33.594 | 23.185 | 0.004 | 0.087 | 159.417 | 1.979 | 0.086 | 215.692 | 1.821 | 0.086 | 81.533 | 0.058 | 0.086 | 169.491 | 0.053 |
| 2 | 16860 | 16861 | SN | 1 | -33.328 | 16.368 | 0.0 | -34.642 | 17.751 | 0.0 | -30.414 | 22.611 | 0.002 | -33.594 | 23.185 | 0.004 | 0.087 | 159.417 | 1.906 | 0.086 | 215.692 | 1.643 | 0.086 | 81.533 | 0.057 | 0.086 | 169.491 | 0.051 |
| 3 | 16861 | 16862 | NS | 1 | -33.639 | 17.181 | 0.0 | -34.506 | 17.44 | 0.0 | -4.777 | 22.409 | 0.002 | -5.168 | 22.73 | 0.029 | 0.087 | 171.277 | 4.428 | 0.087 | 209.077 | 4.084 | 0.086 | 0.292 | 0.0 | 0.086 | 0.312 | 0.0 |
| 4 | 16861 | 16862 | SN | 1 | -34.798 | 16.522 | 0.0 | -33.93 | 17.876 | 0.0 | -10.354 | 22.014 | 0.002 | -13.505 | 21.341 | 0.0 | 0.087 | 223.63 | 2.053 | 0.086 | 183.096 | 1.65 | 0.086 | 0.869 | 0.0 | 0.086 | 1.724 | 0.004 |
| 5 | 16861 | 16862 | NS | 1 | -34.608 | 17.181 | 0.0 | -34.506 | 17.44 | 0.0 | -4.777 | 22.409 | 0.002 | -5.168 | 22.73 | 0.029 | 0.087 | 219.517 | 4.426 | 0.087 | 209.077 | 4.084 | 0.086 | 0.292 | 0.0 | 0.086 | 0.312 | 0.0 |
| 6 | 16861 | 16862 | SN | 1 | -34.798 | 16.983 | 0.0 | -33.93 | 17.876 | 0.0 | -10.354 | 22.014 | 0.002 | -13.505 | 21.341 | 0.0 | 0.087 | 223.63 | 1.996 | 0.086 | 183.096 | 1.608 | 0.086 | 0.869 | 0.0 | 0.086 | 1.724 | 0.004 |
| 7 | 16861 | 16862 | SN | 2 | -34.798 | 16.983 | 0.0 | -33.93 | 17.876 | 0.0 | -10.354 | 22.014 | 0.002 | -13.505 | 21.341 | 0.0 | 0.087 | 223.63 | 1.996 | 0.086 | 183.096 | 1.608 | 0.086 | 0.869 | 0.0 | 0.086 | 1.724 | 0.004 |
| 8 | 16862 | 16863 | SN | 1 | -34.95 | 16.909 | 0.0 | -34.985 | 17.52 | 0.0 | 0.788 | 22.124 | 0.003 | 0.902 | 20.696 | 0.0 | 0.087 | 231.556 | 2.594 | 0.087 | 233.463 | 2.243 | 0.086 | 0.138 | 0.0 | 0.086 | 0.136 | 0.0 |
| 9 | 16862 | 16863 | NS | 1 | -34.448 | 16.945 | 0.0 | -34.874 | 16.282 | 0.0 | -10.228 | 22.763 | 0.002 | -28.806 | 22.413 | 0.012 | 0.087 | 206.322 | 3.086 | 0.087 | 227.528 | 3.089 | 0.086 | 0.846 | 0.0 | 0.086 | 56.33 | 0.061 |
| 10 | 16862 | 16863 | SN | 1 | -34.95 | 16.699 | 0.0 | -34.985 | 17.52 | 0.0 | 0.788 | 22.124 | 0.003 | 0.902 | 20.696 | 0.0 | 0.087 | 231.556 | 2.64 | 0.087 | 233.463 | 2.273 | 0.086 | 0.138 | 0.0 | 0.086 | 0.136 | 0.0 |
| 11 | 16862 | 16863 | SN | 2 | -34.95 | 16.699 | 0.0 | -34.985 | 17.52 | 0.0 | 0.788 | 22.124 | 0.003 | 0.902 | 20.696 | 0.0 | 0.087 | 231.556 | 2.64 | 0.087 | 233.463 | 2.273 | 0.086 | 0.138 | 0.0 | 0.086 | 0.136 | 0.0 |
| 12 | 16862 | 16863 | NS | 1 | -34.736 | 16.945 | 0.0 | -34.721 | 16.282 | 0.0 | -10.239 | 22.761 | 0.002 | -31.634 | 22.413 | 0.012 | 0.087 | 220.476 | 3.087 | 0.087 | 219.704 | 3.09 | 0.086 | 0.848 | 0.0 | 0.086 | 107.965 | 0.062 |
| 13 | 16863 | 16864 | NS | 1 | -34.94 | 17.528 | 0.0 | -34.852 | 16.479 | 0.0 | -30.226 | 21.695 | 0.0 | -23.302 | 22.164 | 0.003 | 0.087 | 231.043 | 3.278 | 0.087 | 226.389 | 3.191 | 0.086 | 78.086 | 0.163 | 0.086 | 15.904 | 0.08 |
| 14 | 16863 | 16864 | SN | 1 | -34.908 | 16.508 | 0.0 | -34.372 | 16.997 | 0.0 | -3.417 | 21.439 | 0.0 | -0.308 | 20.133 | 0.0 | 0.087 | 229.336 | 3.402 | 0.087 | 202.744 | 2.73 | 0.086 | 0.234 | 0.0 | 0.086 | 0.154 | 0.0 |
| 15 | 16863 | 16864 | SN | 2 | -34.908 | 16.508 | 0.0 | -34.372 | 16.997 | 0.0 | -3.417 | 21.439 | 0.0 | -0.308 | 20.133 | 0.0 | 0.087 | 229.336 | 3.402 | 0.087 | 202.744 | 2.73 | 0.086 | 0.234 | 0.0 | 0.086 | 0.154 | 0.0 |
| 16 | 16863 | 16864 | NS | 1 | -34.815 | 17.528 | 0.0 | -34.923 | 16.479 | 0.0 | -30.013 | 21.695 | 0.0 | -23.107 | 22.164 | 0.003 | 0.087 | 224.528 | 3.277 | 0.087 | 230.152 | 3.188 | 0.086 | 74.35 | 0.162 | 0.086 | 15.212 | 0.08 |
| 17 | 16864 | 16865 | SN | 1 | -34.646 | 15.209 | 0.0 | -34.919 | 16.143 | 0.0 | -0.789 | 21.717 | 0.0 | -0.83 | 22.067 | 0.01 | 0.087 | 215.921 | 3.232 | 0.087 | 229.881 | 2.558 | 0.086 | 0.163 | 0.0 | 0.086 | 0.164 | 0.0 |
| 18 | 16864 | 16865 | SN | 1 | -34.875 | 15.209 | 0.0 | -34.956 | 16.142 | 0.0 | -0.789 | 21.717 | 0.0 | -0.83 | 22.067 | 0.01 | 0.087 | 227.621 | 3.235 | 0.087 | 231.856 | 2.544 | 0.086 | 0.163 | 0.0 | 0.086 | 0.164 | 0.0 |
| 19 | 16864 | 16865 | NS | 2 | -34.708 | 15.47 | 0.0 | -33.319 | 17.133 | 0.0 | -8.273 | 21.968 | 0.0 | -6.881 | 22.345 | 0.006 | 0.087 | 219.072 | 1.09 | 0.087 | 159.104 | 1.168 | 0.086 | 0.564 | 0.0 | 0.086 | 0.429 | 0.0 |
| 20 | 16864 | 16865 | NS | 1 | -34.705 | 15.47 | 0.0 | -33.319 | 17.133 | 0.0 | -8.273 | 21.968 | 0.0 | -6.881 | 22.345 | 0.006 | 0.087 | 218.917 | 1.09 | 0.087 | 159.104 | 1.168 | 0.086 | 0.564 | 0.0 | 0.086 | 0.429 | 0.0 |
| 21 | 16864 | 16865 | SN | 1 | -34.875 | 15.209 | 0.0 | -34.956 | 15.825 | 0.0 | -0.789 | 21.717 | 0.0 | -0.83 | 22.067 | 0.011 | 0.087 | 227.621 | 3.31 | 0.087 | 231.856 | 2.596 | 0.086 | 0.163 | 0.0 | 0.086 | 0.164 | 0.0 |
| 22 | 16865 | 16866 | SN | 1 | -34.725 | 15.093 | 0.0 | -34.829 | 16.423 | 0.0 | -0.563 | 21.272 | 0.0 | 1.612 | 21.485 | 0.0 | 0.087 | 219.881 | 4.494 | 0.087 | 225.19 | 4.058 | 0.086 | 0.159 | 0.0 | 0.086 | 0.128 | 0.0 |
| 23 | 16865 | 16866 | SN | 1 | -34.725 | 15.093 | 0.0 | -34.829 | 15.826 | 0.0 | -0.563 | 21.272 | 0.0 | 1.612 | 21.485 | 0.0 | 0.087 | 219.881 | 4.624 | 0.087 | 225.19 | 4.198 | 0.086 | 0.159 | 0.0 | 0.086 | 0.128 | 0.0 |
| 24 | 16865 | 16866 | SN | 1 | -34.468 | 15.093 | 0.0 | -34.996 | 16.425 | 0.0 | -0.563 | 21.272 | 0.0 | 1.612 | 21.485 | 0.0 | 0.087 | 207.288 | 4.508 | 0.087 | 234.086 | 4.07 | 0.086 | 0.159 | 0.0 | 0.086 | 0.128 | 0.0 |
| 25 | 16865 | 16866 | NS | 1 | -34.089 | 15.951 | 0.0 | -34.577 | 18.705 | 0.0 | -19.458 | 21.434 | 0.0 | -20.248 | 21.996 | 0.0 | 0.087 | 189.958 | 1.383 | 0.086 | 217.913 | 1.122 | 0.086 | 6.602 | 0.008 | 0.086 | 8.108 | 0.019 |
| 26 | 16865 | 16866 | NS | 2 | -34.089 | 15.951 | 0.0 | -34.533 | 18.704 | 0.0 | -19.458 | 21.434 | 0.0 | -20.248 | 21.996 | 0.0 | 0.087 | 189.958 | 1.383 | 0.086 | 215.771 | 1.116 | 0.086 | 6.602 | 0.008 | 0.086 | 8.108 | 0.019 |
| 27 | 16866 | 16867 | SN | 2 | -34.962 | 14.016 | 0.0 | -34.694 | 16.541 | 0.0 | -0.36 | 22.944 | 0.016 | 5.634 | 22.582 | 0.018 | 0.088 | 232.249 | 4.0 | 0.087 | 218.324 | 3.95 | 0.086 | 0.155 | 0.0 | 0.086 | 0.102 | 0.0 |
| 28 | 16866 | 16867 | NS | 1 | -34.646 | 16.208 | 0.0 | -34.312 | 17.116 | 0.0 | -19.342 | 21.709 | 0.0 | -30.765 | 21.743 | 0.0 | 0.087 | 215.962 | 1.574 | 0.087 | 199.978 | 1.533 | 0.086 | 6.593 | 0.153 | 0.086 | 88.397 | 0.154 |
| 29 | 16866 | 16867 | NS | 1 | -34.68 | 16.208 | 0.0 | -34.363 | 17.116 | 0.0 | -19.334 | 21.706 | 0.0 | -30.78 | 21.743 | 0.0 | 0.087 | 217.643 | 1.57 | 0.087 | 202.347 | 1.532 | 0.086 | 6.582 | 0.153 | 0.086 | 88.706 | 0.154 |
| 30 | 16866 | 16867 | SN | 1 | -34.962 | 14.016 | 0.0 | -34.694 | 14.383 | 0.0 | -0.36 | 22.944 | 0.018 | 5.634 | 22.582 | 0.018 | 0.088 | 232.249 | 4.177 | 0.088 | 218.324 | 4.169 | 0.086 | 0.155 | 0.0 | 0.086 | 0.102 | 0.0 |
| 31 | 16866 | 16867 | SN | 1 | -34.962 | 14.016 | 0.0 | -34.694 | 16.541 | 0.0 | -0.36 | 22.944 | 0.016 | 5.634 | 22.582 | 0.018 | 0.088 | 232.249 | 4.0 | 0.087 | 218.324 | 3.95 | 0.086 | 0.155 | 0.0 | 0.086 | 0.102 | 0.0 |
| 32 | 16867 | 16868 | SN | 1 | -34.872 | 12.577 | 0.0 | -34.931 | 13.581 | 0.0 | -17.543 | 22.871 | 0.045 | -10.822 | 23.875 | 0.143 | 0.089 | 227.436 | 6.023 | 0.088 | 230.605 | 5.566 | 0.086 | 4.27 | 0.003 | 0.086 | 0.96 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 33 | 16867 | 16868 | NS | 1 | -34.161 | 20.382 | 0.0 | -34.229 | 16.569 | 0.0 | 1.258 | 22.255 | 0.015 | 0.614 | 23.082 | 0.082 | 0.086 | 193.106 | 2.23 | 0.087 | 196.123 | 2.257 | 0.086 | 0.132 | 0.0 | 0.086 | 0.14 | 0.0 |
| 34 | 16867 | 16868 | SN | 1 | -34.872 | 13.516 | 0.0 | -34.931 | 16.255 | 0.0 | -17.543 | 22.871 | 0.042 | -10.822 | 23.875 | 0.143 | 0.088 | 227.436 | 5.59 | 0.087 | 230.605 | 4.908 | 0.086 | 4.27 | 0.003 | 0.086 | 0.96 | 0.0 |
| 35 | 16867 | 16868 | SN | 2 | -34.872 | 13.516 | 0.0 | -34.931 | 16.255 | 0.0 | -17.543 | 22.871 | 0.042 | -10.822 | 23.875 | 0.143 | 0.088 | 227.436 | 5.59 | 0.087 | 230.605 | 4.908 | 0.086 | 4.27 | 0.003 | 0.086 | 0.96 | 0.0 |
| 36 | 16867 | 16868 | NS | 1 | -34.017 | 20.382 | 0.0 | -34.532 | 16.569 | 0.0 | 1.256 | 22.255 | 0.015 | 0.614 | 23.082 | 0.082 | 0.086 | 186.789 | 2.23 | 0.087 | 210.303 | 2.26 | 0.086 | 0.132 | 0.0 | 0.086 | 0.14 | 0.0 |
| 37 | 16868 | 16869 | NS | 1 | -33.342 | 22.068 | 0.002 | -34.311 | 18.144 | 0.0 | -0.946 | 22.605 | 0.064 | -4.166 | 23.657 | 0.625 | 0.086 | 159.926 | 1.618 | 0.086 | 199.867 | 1.635 | 0.086 | 0.166 | 0.0 | 0.086 | 0.263 | 0.0 |
| 38 | 16868 | 16869 | NS | 1 | -34.009 | 22.068 | 0.002 | -33.899 | 18.144 | 0.0 | -0.943 | 22.605 | 0.064 | -4.166 | 23.657 | 0.625 | 0.086 | 186.454 | 1.62 | 0.086 | 181.856 | 1.633 | 0.086 | 0.166 | 0.0 | 0.086 | 0.263 | 0.0 |
| 39 | 16868 | 16869 | SN | 2 | -34.98 | 15.203 | 0.0 | -34.965 | 17.079 | 0.0 | -29.219 | 22.422 | 0.018 | -23.567 | 23.461 | 0.127 | 0.087 | 233.239 | 4.931 | 0.087 | 232.364 | 4.103 | 0.086 | 61.949 | 0.123 | 0.086 | 16.904 | 0.012 |
| 40 | 16868 | 16869 | SN | 1 | -34.858 | 15.203 | 0.0 | -34.515 | 17.079 | 0.0 | -29.243 | 22.422 | 0.018 | -23.582 | 23.461 | 0.127 | 0.087 | 226.754 | 4.927 | 0.087 | 209.503 | 4.103 | 0.086 | 62.281 | 0.123 | 0.086 | 16.958 | 0.012 |
| 41 | 16869 | 16870 | SN | 1 | -34.82 | 16.994 | 0.0 | -34.951 | 17.763 | 0.0 | -9.15 | 22.764 | 0.014 | -4.579 | 23.358 | 0.102 | 0.087 | 224.767 | 3.597 | 0.086 | 231.642 | 3.264 | 0.086 | 0.675 | 0.0 | 0.086 | 0.282 | 0.0 |
| 42 | 16869 | 16870 | NS | 1 | -34.629 | 22.127 | 0.001 | -34.475 | 20.316 | 0.0 | -11.958 | 22.761 | 0.177 | -4.206 | 23.131 | 0.611 | 0.086 | 215.086 | 2.234 | 0.086 | 207.545 | 1.984 | 0.086 | 1.228 | 0.006 | 0.086 | 0.265 | 0.0 |
| 43 | 16869 | 16870 | NS | 2 | -34.629 | 22.127 | 0.001 | -34.475 | 20.316 | 0.0 | -11.958 | 22.761 | 0.177 | -4.206 | 23.131 | 0.611 | 0.086 | 215.086 | 2.234 | 0.086 | 207.545 | 1.984 | 0.086 | 1.228 | 0.006 | 0.086 | 0.265 | 0.0 |
| 44 | 16870 | 16871 | NS | 1 | -34.275 | 19.65 | 0.0 | -34.618 | 20.447 | 0.0 | -0.454 | 22.365 | 0.027 | 0.22 | 23.349 | 0.169 | 0.086 | 198.282 | 2.658 | 0.086 | 214.535 | 2.662 | 0.086 | 0.157 | 0.0 | 0.086 | 0.146 | 0.0 |
| 45 | 16870 | 16871 | SN | 1 | -34.979 | 16.47 | 0.0 | -34.227 | 18.385 | 0.0 | -26.328 | 22.361 | 0.008 | -29.588 | 23.304 | 0.105 | 0.087 | 233.156 | 2.709 | 0.086 | 196.051 | 2.238 | 0.086 | 31.862 | 0.204 | 0.086 | 67.428 | 0.064 |
| 46 | 16871 | 16872 | SN | 1 | -34.768 | 18.846 | 0.0 | -34.936 | 17.727 | 0.0 | -27.454 | 22.345 | 0.011 | -32.807 | 23.428 | 0.069 | 0.086 | 222.149 | 2.724 | 0.086 | 230.835 | 2.423 | 0.086 | 41.277 | 0.097 | 0.086 | 141.435 | 0.129 |
| 47 | 16871 | 16872 | NS | 1 | -34.312 | 17.399 | 0.0 | -34.266 | 19.308 | 0.0 | 1.908 | 22.832 | 0.032 | 1.954 | 22.938 | 0.194 | 0.087 | 199.963 | 3.28 | 0.086 | 197.85 | 3.08 | 0.086 | 0.125 | 0.0 | 0.086 | 0.125 | 0.0 |
| 48 | 16871 | 16872 | NS | 1 | -34.349 | 17.399 | 0.0 | -34.266 | 19.308 | 0.0 | 1.908 | 22.832 | 0.035 | 1.954 | 22.939 | 0.212 | 0.087 | 201.695 | 3.28 | 0.086 | 197.85 | 3.08 | 0.086 | 0.125 | 0.0 | 0.086 | 0.125 | 0.0 |
| 49 | 16872 | 16873 | NS | 1 | -34.759 | 20.316 | 0.0 | -34.92 | 21.154 | 0.0 | -1.098 | 22.127 | 0.036 | 3.5 | 22.732 | 0.19 | 0.086 | 221.673 | 2.637 | 0.086 | 230.018 | 2.237 | 0.086 | 0.169 | 0.0 | 0.086 | 0.112 | 0.0 |
| 50 | 16872 | 16873 | NS | 1 | -34.998 | 20.316 | 0.0 | -34.778 | 21.154 | 0.0 | -1.098 | 22.127 | 0.036 | 3.5 | 22.732 | 0.19 | 0.086 | 234.168 | 2.632 | 0.086 | 222.612 | 2.239 | 0.086 | 0.169 | 0.0 | 0.086 | 0.112 | 0.0 |
| 51 | 16872 | 16873 | SN | 1 | -34.631 | 16.737 | 0.0 | -33.559 | 17.245 | 0.0 | -22.015 | 22.945 | 0.108 | -27.007 | 23.301 | 0.219 | 0.087 | 215.217 | 1.124 | 0.087 | 168.111 | 0.765 | 0.086 | 11.842 | 0.076 | 0.086 | 37.242 | 0.111 |
| 52 | 16872 | 16873 | SN | 2 | -34.631 | 16.737 | 0.0 | -33.559 | 17.245 | 0.0 | -22.015 | 22.945 | 0.108 | -27.007 | 23.301 | 0.219 | 0.087 | 215.217 | 1.124 | 0.087 | 168.111 | 0.765 | 0.086 | 11.842 | 0.076 | 0.086 | 37.242 | 0.111 |
| 53 | 16873 | 16874 | NS | 1 | -34.871 | 20.634 | 0.0 | -34.97 | 20.532 | 0.0 | 6.54 | 22.249 | 0.042 | 2.089 | 22.747 | 0.082 | 0.086 | 227.428 | 4.302 | 0.086 | 232.631 | 4.203 | 0.086 | 0.098 | 0.0 | 0.086 | 0.124 | 0.0 |
| 54 | 16873 | 16874 | NS | 1 | -34.871 | 20.634 | 0.0 | -34.97 | 20.532 | 0.0 | 1.176 | 22.455 | 0.036 | 2.089 | 23.074 | 0.204 | 0.086 | 227.428 | 4.254 | 0.086 | 232.631 | 4.204 | 0.086 | 0.133 | 0.0 | 0.086 | 0.124 | 0.0 |
| 55 | 16873 | 16874 | NS | 1 | -34.957 | 20.634 | 0.0 | -34.922 | 20.532 | 0.0 | 1.176 | 22.454 | 0.035 | 2.089 | 23.074 | 0.204 | 0.086 | 231.955 | 4.249 | 0.086 | 230.105 | 4.213 | 0.086 | 0.133 | 0.0 | 0.086 | 0.124 | 0.0 |
| 56 | 16873 | 16874 | SN | 1 | -33.194 | 16.343 | 0.0 | -34.29 | 17.254 | 0.0 | 1.106 | 22.788 | 0.082 | 1.748 | 23.262 | 0.781 | 0.087 | 154.579 | 1.145 | 0.087 | 198.953 | 1.072 | 0.086 | 0.134 | 0.0 | 0.086 | 0.127 | 0.0 |
| 57 | 16873 | 16874 | SN | 1 | -33.194 | 16.344 | 0.0 | -34.29 | 17.254 | 0.0 | 1.106 | 22.786 | 0.082 | 1.748 | 23.262 | 0.777 | 0.087 | 154.579 | 1.145 | 0.087 | 198.953 | 1.072 | 0.086 | 0.134 | 0.0 | 0.086 | 0.127 | 0.0 |
| 58 | 16874 | 16875 | SN | 1 | -34.583 | 15.524 | 0.0 | -34.11 | 17.22 | 0.0 | 1.518 | 22.03 | 0.002 | 4.077 | 22.574 | 0.044 | 0.087 | 212.833 | 2.34 | 0.087 | 190.825 | 2.13 | 0.086 | 0.129 | 0.0 | 0.086 | 0.109 | 0.0 |
| 59 | 16874 | 16875 | NS | 1 | -34.809 | 17.927 | 0.0 | -34.925 | 15.97 | 0.0 | 1.801 | 21.72 | 0.0 | 0.373 | 19.545 | 0.0 | 0.086 | 224.212 | 3.315 | 0.087 | 230.272 | 3.505 | 0.086 | 0.126 | 0.0 | 0.086 | 0.144 | 0.0 |
| 60 | 16874 | 16875 | NS | 2 | -34.809 | 17.927 | 0.0 | -34.937 | 16.408 | 0.0 | 1.363 | 22.778 | 0.041 | 0.362 | 22.978 | 0.226 | 0.086 | 224.212 | 3.677 | 0.087 | 230.939 | 3.473 | 0.086 | 0.131 | 0.0 | 0.086 | 0.144 | 0.0 |
| 61 | 16874 | 16875 | NS | 1 | -34.809 | 17.927 | 0.0 | -34.925 | 16.408 | 0.0 | 1.363 | 22.778 | 0.041 | 0.362 | 22.978 | 0.226 | 0.086 | 224.212 | 3.677 | 0.087 | 230.272 | 3.474 | 0.086 | 0.131 | 0.0 | 0.086 | 0.144 | 0.0 |
| 62 | 16874 | 16875 | SN | 1 | -34.25 | 16.388 | 0.0 | -34.932 | 17.845 | 0.0 | 1.518 | 22.916 | 0.018 | 4.077 | 22.574 | 0.043 | 0.087 | 197.165 | 2.278 | 0.086 | 230.628 | 1.93 | 0.086 | 0.129 | 0.0 | 0.086 | 0.109 | 0.0 |
| 63 | 16875 | 16876 | NS | 1 | -34.942 | 17.724 | 0.0 | -34.885 | 18.178 | 0.0 | -0.422 | 22.208 | 0.002 | 0.112 | 24.551 | 0.031 | 0.086 | 231.167 | 5.977 | 0.086 | 228.153 | 6.712 | 0.086 | 0.156 | 0.0 | 0.086 | 0.147 | 0.0 |
| 64 | 16875 | 16876 | SN | 1 | -34.943 | 15.481 | 0.0 | -34.41 | 17.302 | 0.0 | -3.137 | 21.935 | 0.0 | -2.674 | 21.904 | 0.0 | 0.087 | 231.236 | 4.701 | 0.087 | 204.496 | 3.626 | 0.086 | 0.224 | 0.0 | 0.086 | 0.209 | 0.0 |
| 65 | 16875 | 16876 | SN | 1 | -34.953 | 16.876 | 0.0 | -34.821 | 17.305 | 0.0 | -3.136 | 21.935 | 0.0 | -2.674 | 21.904 | 0.0 | 0.087 | 231.713 | 4.521 | 0.087 | 224.781 | 3.412 | 0.086 | 0.224 | 0.0 | 0.086 | 0.209 | 0.0 |
| 66 | 16875 | 16876 | SN | 1 | -34.943 | 16.866 | 0.0 | -34.41 | 17.305 | 0.0 | -3.137 | 21.935 | 0.0 | -2.674 | 21.904 | 0.0 | 0.087 | 231.236 | 4.506 | 0.087 | 204.496 | 3.418 | 0.086 | 0.224 | 0.0 | 0.086 | 0.209 | 0.0 |
| 67 | 16876 | 16877 | SN | 1 | -34.642 | 16.583 | 0.0 | -34.932 | 17.602 | 0.0 | -0.908 | 21.733 | 0.0 | -0.878 | 20.181 | 0.0 | 0.087 | 215.757 | 3.633 | 0.087 | 230.677 | 3.336 | 0.086 | 0.165 | 0.0 | 0.086 | 0.165 | 0.0 |
| 68 | 16876 | 16877 | SN | 1 | -34.866 | 16.584 | 0.0 | -34.878 | 17.602 | 0.0 | -0.908 | 21.733 | 0.0 | -0.878 | 20.181 | 0.0 | 0.087 | 227.112 | 3.626 | 0.087 | 227.799 | 3.332 | 0.086 | 0.165 | 0.0 | 0.086 | 0.165 | 0.0 |
| 69 | 16876 | 16877 | SN | 1 | -34.866 | 16.68 | 0.0 | -34.878 | 17.602 | 0.0 | -0.908 | 21.733 | 0.0 | -0.878 | 20.181 | 0.0 | 0.087 | 227.112 | 3.553 | 0.087 | 227.799 | 3.28 | 0.086 | 0.165 | 0.0 | 0.086 | 0.165 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 16876 | 16877 | NS | 1 | -34.498 | 17.658 | 0.0 | -34.167 | 18.301 | 0.0 | -14.791 | 21.607 | 0.0 | -9.107 | 22.498 | 0.012 | 0.087 | 208.66 | 3.202 | 0.086 | 193.406 | 2.729 | 0.086 | 2.296 | 0.003 | 0.086 | 0.669 | 0.0 |
| 71 | 16876 | 16877 | NS | 2 | -34.498 | 17.658 | 0.0 | -34.167 | 18.301 | 0.0 | -14.791 | 21.607 | 0.0 | -9.107 | 22.498 | 0.012 | 0.087 | 208.66 | 3.202 | 0.086 | 193.406 | 2.73 | 0.086 | 2.296 | 0.003 | 0.086 | 0.669 | 0.0 |
| 72 | 16877 | 16878 | SN | 2 | -34.694 | 17.178 | 0.0 | -34.917 | 17.409 | 0.0 | -0.356 | 21.564 | 0.0 | -1.932 | 20.032 | 0.0 | 0.087 | 218.375 | 3.258 | 0.087 | 229.872 | 2.925 | 0.086 | 0.155 | 0.0 | 0.086 | 0.188 | 0.0 |
| 73 | 16877 | 16878 | SN | 1 | -34.694 | 17.178 | 0.0 | -34.917 | 17.409 | 0.0 | -0.356 | 21.564 | 0.0 | -1.932 | 20.032 | 0.0 | 0.087 | 218.375 | 3.258 | 0.087 | 229.872 | 2.925 | 0.086 | 0.155 | 0.0 | 0.086 | 0.188 | 0.0 |
| 74 | 16877 | 16878 | NS | 1 | -34.645 | 16.776 | 0.0 | -34.082 | 15.988 | 0.0 | -6.079 | 21.533 | 0.0 | -27.346 | 22.334 | 0.003 | 0.087 | 215.88 | 2.21 | 0.087 | 189.661 | 2.163 | 0.086 | 0.368 | 0.0 | 0.086 | 40.256 | 0.042 |
| 75 | 16877 | 16878 | NS | 1 | -34.738 | 16.776 | 0.0 | -34.082 | 15.988 | 0.0 | -6.079 | 21.533 | 0.0 | -27.346 | 22.334 | 0.003 | 0.087 | 220.497 | 2.211 | 0.087 | 189.661 | 2.165 | 0.086 | 0.368 | 0.0 | 0.086 | 40.256 | 0.042 |
| 76 | 16877 | 16878 | SN | 1 | -34.816 | 17.178 | 0.0 | -34.917 | 17.409 | 0.0 | -0.356 | 21.564 | 0.0 | -1.932 | 20.032 | 0.0 | 0.087 | 224.57 | 3.315 | 0.087 | 229.872 | 2.959 | 0.086 | 0.155 | 0.0 | 0.086 | 0.188 | 0.0 |
| 77 | 16878 | 16879 | NS | 1 | -33.976 | 15.626 | 0.0 | -33.755 | 15.829 | 0.0 | -29.178 | 22.279 | 0.001 | -31.139 | 23.495 | 0.003 | 0.087 | 185.083 | 1.85 | 0.087 | 175.891 | 1.815 | 0.086 | 63.457 | 0.049 | 0.086 | 96.332 | 0.087 |
| 78 | 16878 | 16879 | SN | 1 | -34.755 | 15.586 | 0.0 | -34.925 | 15.914 | 0.0 | 0.361 | 21.759 | 0.0 | 1.335 | 21.579 | 0.0 | 0.087 | 221.373 | 3.411 | 0.087 | 230.28 | 2.862 | 0.086 | 0.144 | 0.0 | 0.086 | 0.131 | 0.0 |
| 79 | 16878 | 16879 | SN | 1 | -34.755 | 15.586 | 0.0 | -34.925 | 15.914 | 0.0 | 0.361 | 21.759 | 0.0 | 1.335 | 21.579 | 0.0 | 0.087 | 221.373 | 3.482 | 0.087 | 230.28 | 2.906 | 0.086 | 0.144 | 0.0 | 0.086 | 0.131 | 0.0 |
| 80 | 16878 | 16879 | SN | 1 | -34.755 | 15.586 | 0.0 | -34.925 | 15.914 | 0.0 | 0.361 | 21.759 | 0.0 | 1.335 | 21.579 | 0.0 | 0.087 | 221.373 | 3.409 | 0.087 | 230.28 | 2.861 | 0.086 | 0.144 | 0.0 | 0.086 | 0.131 | 0.0 |
| 81 | 16878 | 16879 | NS | 1 | -34.004 | 15.62 | 0.0 | -34.917 | 15.829 | 0.0 | -26.902 | 22.277 | 0.001 | -29.076 | 23.495 | 0.003 | 0.087 | 186.277 | 1.85 | 0.087 | 229.814 | 1.813 | 0.086 | 36.349 | 0.049 | 0.086 | 59.928 | 0.085 |
| 82 | 16879 | 16880 | SN | 1 | -34.816 | 15.529 | 0.0 | -33.732 | 16.075 | 0.0 | -0.772 | 21.081 | 0.0 | 1.676 | 22.155 | 0.008 | 0.087 | 224.571 | 3.367 | 0.087 | 174.982 | 2.721 | 0.086 | 0.162 | 0.0 | 0.086 | 0.128 | 0.0 |
| 83 | 16879 | 16880 | SN | 1 | -34.816 | 15.529 | 0.0 | -33.732 | 16.066 | 0.0 | -0.772 | 21.081 | 0.0 | 1.676 | 22.155 | 0.008 | 0.087 | 224.571 | 3.364 | 0.087 | 174.982 | 2.721 | 0.086 | 0.162 | 0.0 | 0.086 | 0.128 | 0.0 |
| 84 | 16879 | 16880 | NS | 1 | -33.006 | 16.044 | 0.0 | -33.846 | 15.654 | 0.0 | -14.354 | 22.268 | 0.002 | -19.224 | 22.327 | 0.004 | 0.087 | 148.079 | 0.954 | 0.087 | 179.644 | 0.797 | 0.086 | 2.083 | 0.009 | 0.086 | 6.258 | 0.009 |
| 85 | 16879 | 16880 | NS | 1 | -33.946 | 16.046 | 0.0 | -33.545 | 15.654 | 0.0 | -14.364 | 22.268 | 0.002 | -19.17 | 22.327 | 0.004 | 0.087 | 183.809 | 0.958 | 0.087 | 167.593 | 0.798 | 0.086 | 2.088 | 0.009 | 0.086 | 6.182 | 0.009 |
| 86 | 16879 | 16880 | SN | 1 | -34.816 | 15.529 | 0.0 | -33.732 | 15.674 | 0.0 | -0.772 | 21.081 | 0.0 | 1.676 | 22.155 | 0.009 | 0.087 | 224.571 | 3.455 | 0.087 | 174.982 | 2.794 | 0.086 | 0.162 | 0.0 | 0.086 | 0.128 | 0.0 |
| 87 | 16880 | 16881 | SN | 1 | -34.936 | 14.745 | 0.0 | -34.659 | 16.298 | 0.0 | -0.561 | 21.77 | 0.0 | 3.806 | 21.536 | 0.0 | 0.088 | 230.794 | 6.824 | 0.087 | 216.575 | 5.205 | 0.086 | 0.159 | 0.0 | 0.086 | 0.11 | 0.0 |
| 88 | 16880 | 16881 | NS | 1 | -34.829 | 17.55 | 0.0 | -33.17 | 16.863 | 0.0 | -26.266 | 21.603 | 0.0 | -20.934 | 22.065 | 0.002 | 0.087 | 225.229 | 1.419 | 0.087 | 153.76 | 1.21 | 0.086 | 31.415 | 0.188 | 0.086 | 9.247 | 0.06 |
| 89 | 16880 | 16881 | SN | 1 | -34.963 | 14.745 | 0.0 | -34.912 | 16.266 | 0.0 | -0.561 | 21.77 | 0.0 | 3.806 | 21.536 | 0.0 | 0.088 | 232.29 | 7.501 | 0.087 | 229.584 | 5.261 | 0.086 | 0.159 | 0.0 | 0.086 | 0.11 | 0.0 |
| 90 | 16880 | 16881 | NS | 2 | -34.671 | 17.551 | 0.0 | -32.813 | 16.863 | 0.0 | -26.279 | 21.603 | 0.0 | -20.934 | 22.065 | 0.002 | 0.087 | 217.22 | 1.418 | 0.087 | 141.633 | 1.21 | 0.086 | 31.505 | 0.188 | 0.086 | 9.246 | 0.06 |
| 91 | 16880 | 16881 | SN | 1 | -34.963 | 14.745 | 0.0 | -34.912 | 15.084 | 0.0 | -0.561 | 21.77 | 0.0 | 3.806 | 21.536 | 0.0 | 0.088 | 232.29 | 7.775 | 0.087 | 229.584 | 5.517 | 0.086 | 0.159 | 0.0 | 0.086 | 0.11 | 0.0 |
| 92 | 16881 | 16882 | NS | 1 | -34.431 | 17.502 | 0.0 | -34.332 | 16.604 | 0.0 | -0.029 | 22.365 | 0.015 | -1.776 | 23.861 | 0.041 | 0.087 | 205.543 | 1.765 | 0.087 | 200.869 | 1.558 | 0.086 | 0.15 | 0.0 | 0.086 | 0.184 | 0.0 |
| 93 | 16881 | 16882 | NS | 2 | -34.413 | 17.5 | 0.0 | -34.374 | 16.604 | 0.0 | -0.029 | 22.365 | 0.015 | -1.774 | 23.861 | 0.041 | 0.087 | 204.61 | 1.766 | 0.087 | 202.863 | 1.558 | 0.086 | 0.15 | 0.0 | 0.086 | 0.184 | 0.0 |
| 94 | 16881 | 16882 | SN | 1 | -34.536 | 15.325 | 0.0 | -34.767 | 16.224 | 0.0 | -8.162 | 22.82 | 0.024 | -3.9 | 23.663 | 0.115 | 0.087 | 210.528 | 4.096 | 0.087 | 222.032 | 3.406 | 0.086 | 0.552 | 0.0 | 0.086 | 0.252 | 0.0 |
| 95 | 16881 | 16882 | SN | 1 | -34.668 | 15.325 | 0.0 | -34.919 | 16.225 | 0.0 | -8.163 | 22.82 | 0.024 | -3.898 | 23.663 | 0.115 | 0.087 | 217.037 | 4.085 | 0.087 | 229.881 | 3.412 | 0.086 | 0.552 | 0.0 | 0.086 | 0.252 | 0.0 |
| 96 | 16881 | 16882 | SN | 1 | -34.536 | 15.325 | 0.0 | -34.767 | 15.421 | 0.0 | -8.154 | 22.82 | 0.025 | -3.9 | 23.663 | 0.116 | 0.087 | 210.528 | 4.364 | 0.087 | 222.032 | 3.783 | 0.086 | 0.551 | 0.0 | 0.086 | 0.252 | 0.0 |
| 97 | 16882 | 16883 | SN | 2 | -34.789 | 14.428 | 0.0 | -34.984 | 16.829 | 0.0 | -11.353 | 22.24 | 0.007 | -10.383 | 23.51 | 0.135 | 0.088 | 223.11 | 5.157 | 0.087 | 233.393 | 4.705 | 0.086 | 1.076 | 0.001 | 0.086 | 0.874 | 0.0 |
| 98 | 16882 | 16883 | SN | 1 | -34.789 | 14.428 | 0.0 | -34.984 | 16.829 | 0.0 | -11.353 | 22.24 | 0.007 | -10.383 | 23.51 | 0.135 | 0.088 | 223.11 | 5.157 | 0.087 | 233.393 | 4.705 | 0.086 | 1.076 | 0.001 | 0.086 | 0.874 | 0.0 |
| 99 | 16882 | 16883 | NS | 1 | -34.487 | 18.278 | 0.0 | -34.83 | 16.765 | 0.0 | -1.506 | 22.73 | 0.056 | -0.733 | 23.218 | 0.336 | 0.086 | 208.191 | 1.824 | 0.087 | 225.267 | 1.636 | 0.086 | 0.178 | 0.0 | 0.086 | 0.162 | 0.0 |
| 100 | 16882 | 16883 | NS | 1 | -34.264 | 18.278 | 0.0 | -34.962 | 16.765 | 0.0 | -1.506 | 22.73 | 0.057 | -0.731 | 23.218 | 0.339 | 0.086 | 197.785 | 1.821 | 0.087 | 232.24 | 1.636 | 0.086 | 0.178 | 0.0 | 0.086 | 0.162 | 0.0 |
| 101 | 16882 | 16883 | SN | 1 | -34.789 | 14.428 | 0.0 | -34.984 | 15.557 | 0.0 | -11.361 | 22.24 | 0.008 | -10.383 | 22.88 | 0.105 | 0.088 | 223.11 | 5.564 | 0.087 | 233.393 | 5.549 | 0.086 | 1.078 | 0.002 | 0.086 | 0.874 | 0.0 |
| 102 | 16883 | 16884 | SN | 1 | -34.337 | 15.398 | 0.0 | -34.7 | 17.085 | 0.0 | -23.686 | 22.449 | 0.01 | -4.778 | 23.004 | 0.069 | 0.087 | 201.122 | 5.299 | 0.087 | 218.623 | 4.511 | 0.086 | 17.371 | 0.051 | 0.086 | 0.292 | 0.0 |
| 103 | 16883 | 16884 | NS | 1 | -34.676 | 22.037 | 0.001 | -34.77 | 17.319 | 0.0 | -0.748 | 22.846 | 0.143 | 0.532 | 23.516 | 0.71 | 0.086 | 217.432 | 2.003 | 0.087 | 222.189 | 1.854 | 0.086 | 0.162 | 0.0 | 0.086 | 0.141 | 0.0 |
| 104 | 16883 | 16884 | NS | 1 | -34.623 | 22.037 | 0.001 | -34.752 | 17.319 | 0.0 | -0.714 | 22.846 | 0.143 | 0.532 | 23.516 | 0.71 | 0.086 | 214.798 | 2.005 | 0.087 | 221.227 | 1.851 | 0.086 | 0.162 | 0.0 | 0.086 | 0.141 | 0.0 |
| 105 | 16883 | 16884 | SN | 2 | -34.337 | 15.398 | 0.0 | -34.7 | 17.085 | 0.0 | -23.686 | 22.449 | 0.01 | -4.778 | 23.004 | 0.069 | 0.087 | 201.122 | 5.299 | 0.087 | 218.623 | 4.511 | 0.086 | 17.371 | 0.051 | 0.086 | 0.292 | 0.0 |
| 106 | 16884 | 16885 | NS | 1 | -34.94 | 22.34 | 0.001 | -34.447 | 19.618 | 0.0 | -2.716 | 22.184 | 0.018 | 0.805 | 23.374 | 0.241 | 0.086 | 231.092 | 3.101 | 0.086 | 206.252 | 3.027 | 0.086 | 0.21 | 0.0 | 0.086 | 0.138 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 107 | 16884 | 16885 | NS | 1 | -34.832 | 22.34 | 0.001 | -34.835 | 19.618 | 0.0 | -2.716 | 22.184 | 0.018 | 0.805 | 23.372 | 0.24 | 0.086 | 225.36 | 3.098 | 0.086 | 225.563 | 3.035 | 0.086 | 0.21 | 0.0 | 0.086 | 0.138 | 0.0 |
| 108 | 16884 | 16885 | SN | 1 | -34.877 | 18.103 | 0.0 | -34.637 | 17.59 | 0.0 | -33.871 | 22.435 | 0.017 | -29.377 | 23.01 | 0.086 | 0.086 | 227.717 | 3.98 | 0.087 | 215.509 | 3.743 | 0.086 | 180.656 | 0.171 | 0.086 | 64.238 | 0.164 |
| 109 | 16885 | 16886 | SN | 1 | -34.897 | 17.98 | 0.0 | -34.283 | 18.606 | 0.0 | -25.186 | 22.664 | 0.01 | -27.013 | 23.176 | 0.066 | 0.086 | 228.809 | 3.822 | 0.086 | 198.599 | 3.722 | 0.086 | 24.514 | 0.066 | 0.086 | 37.297 | 0.044 |
| 110 | 16885 | 16886 | NS | 1 | -34.871 | 17.707 | 0.0 | -34.909 | 20.031 | 0.0 | -0.286 | 22.625 | 0.021 | -0.161 | 23.315 | 0.136 | 0.086 | 227.434 | 5.403 | 0.086 | 229.457 | 5.466 | 0.086 | 0.154 | 0.0 | 0.086 | 0.152 | 0.0 |
| 111 | 16885 | 16886 | NS | 1 | -34.871 | 17.707 | 0.0 | -34.909 | 20.031 | 0.0 | -0.286 | 22.625 | 0.021 | -0.161 | 23.315 | 0.132 | 0.086 | 227.434 | 5.396 | 0.086 | 229.457 | 5.466 | 0.086 | 0.154 | 0.0 | 0.086 | 0.152 | 0.0 |
| 112 | 16886 | 16887 | NS | 1 | -34.781 | 18.711 | 0.0 | -34.844 | 20.73 | 0.0 | -7.246 | 22.303 | 0.057 | 1.792 | 22.938 | 0.178 | 0.086 | 222.784 | 3.018 | 0.086 | 226.025 | 3.042 | 0.086 | 0.46 | 0.0 | 0.086 | 0.126 | 0.0 |
| 113 | 16886 | 16887 | NS | 1 | -34.781 | 18.711 | 0.0 | -34.919 | 20.73 | 0.0 | -7.246 | 22.303 | 0.072 | 1.792 | 22.938 | 0.218 | 0.086 | 222.784 | 3.024 | 0.086 | 229.888 | 3.041 | 0.086 | 0.46 | 0.0 | 0.086 | 0.126 | 0.0 |
| 114 | 16886 | 16887 | SN | 1 | -34.493 | 16.801 | 0.0 | -33.204 | 17.545 | 0.0 | -26.565 | 22.373 | 0.028 | -19.633 | 23.054 | 0.075 | 0.087 | 208.495 | 1.291 | 0.087 | 154.956 | 1.065 | 0.086 | 33.64 | 0.012 | 0.086 | 6.869 | 0.01 |
| 115 | 16887 | 16888 | NS | 1 | -34.601 | 21.021 | 0.0 | -34.826 | 16.422 | 0.0 | -0.52 | 22.226 | 0.02 | 1.178 | 22.806 | 0.263 | 0.086 | 213.745 | 4.298 | 0.087 | 225.064 | 4.172 | 0.086 | 0.158 | 0.0 | 0.086 | 0.133 | 0.0 |
| 116 | 16887 | 16888 | NS | 1 | -34.601 | 21.021 | 0.0 | -34.826 | 16.422 | 0.0 | -0.52 | 22.226 | 0.019 | 1.176 | 22.806 | 0.334 | 0.086 | 213.745 | 4.296 | 0.087 | 225.064 | 4.172 | 0.086 | 0.158 | 0.0 | 0.086 | 0.133 | 0.0 |
| 117 | 16887 | 16888 | SN | 1 | -34.872 | 16.272 | 0.0 | -34.945 | 17.286 | 0.0 | -33.757 | 22.82 | 0.089 | -27.626 | 23.151 | 0.481 | 0.087 | 227.506 | 2.14 | 0.087 | 231.35 | 1.785 | 0.086 | 175.961 | 0.165 | 0.086 | 42.941 | 0.151 |
| 118 | 16888 | 16889 | SN | 1 | -34.54 | 16.462 | 0.0 | -34.179 | 17.922 | 0.0 | 1.643 | 22.631 | 0.087 | 3.769 | 23.21 | 0.634 | 0.087 | 210.712 | 1.905 | 0.086 | 193.904 | 1.557 | 0.086 | 0.128 | 0.0 | 0.086 | 0.111 | 0.0 |
| 119 | 16888 | 16889 | SN | 1 | -34.54 | 15.633 | 0.0 | -34.179 | 15.741 | 0.0 | 1.643 | 22.582 | 0.045 | 3.769 | 23.204 | 0.661 | 0.087 | 210.712 | 1.893 | 0.087 | 193.904 | 1.681 | 0.086 | 0.128 | 0.0 | 0.086 | 0.111 | 0.0 |
| 120 | 16888 | 16889 | NS | 1 | -34.97 | 17.656 | 0.0 | -34.275 | 20.838 | 0.0 | 2.158 | 22.387 | 0.012 | 1.976 | 20.66 | 0.0 | 0.087 | 232.669 | 3.962 | 0.086 | 198.288 | 3.498 | 0.086 | 0.123 | 0.0 | 0.086 | 0.125 | 0.0 |
| 121 | 16888 | 16889 | NS | 1 | -34.97 | 17.656 | 0.0 | -33.799 | 20.838 | 0.0 | 1.597 | 22.631 | 0.061 | 1.962 | 22.972 | 0.192 | 0.087 | 232.669 | 3.947 | 0.086 | 177.698 | 3.505 | 0.086 | 0.128 | 0.0 | 0.086 | 0.125 | 0.0 |
| 122 | 16889 | 16890 | NS | 1 | -34.903 | 18.184 | 0.0 | -34.472 | 20.846 | 0.0 | 0.82 | 22.633 | 0.061 | 0.024 | 23.006 | 0.096 | 0.086 | 229.129 | 6.798 | 0.086 | 207.419 | 6.27 | 0.086 | 0.138 | 0.0 | 0.086 | 0.149 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors