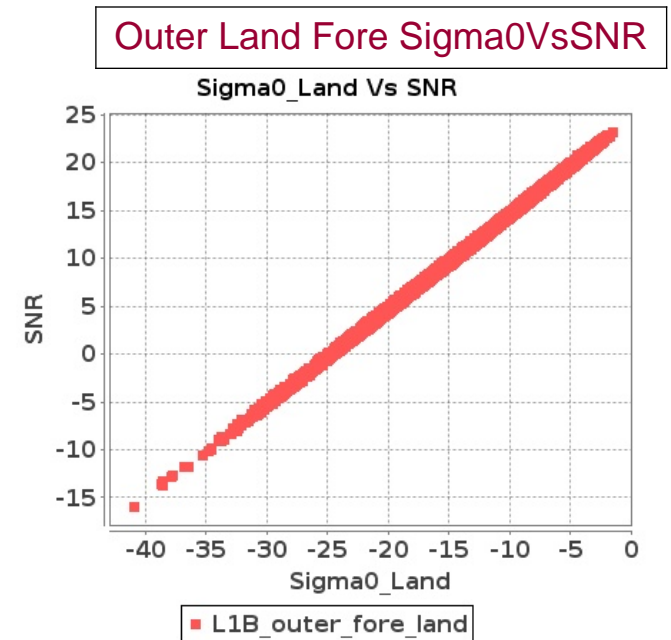
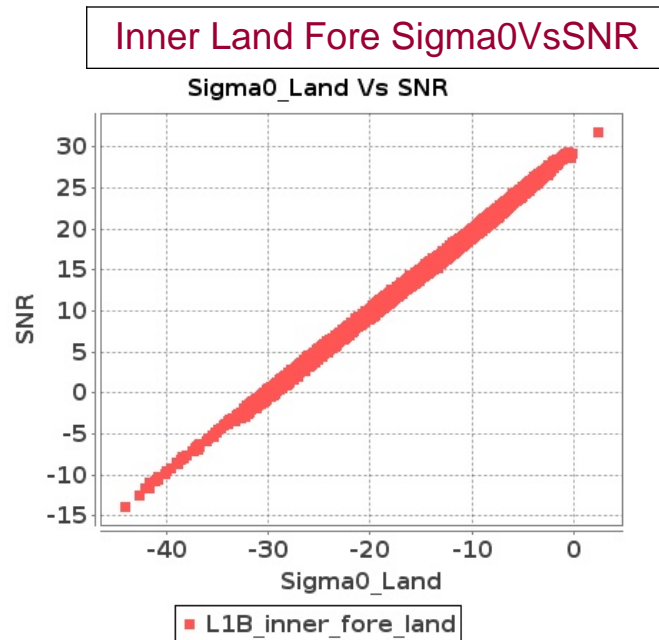
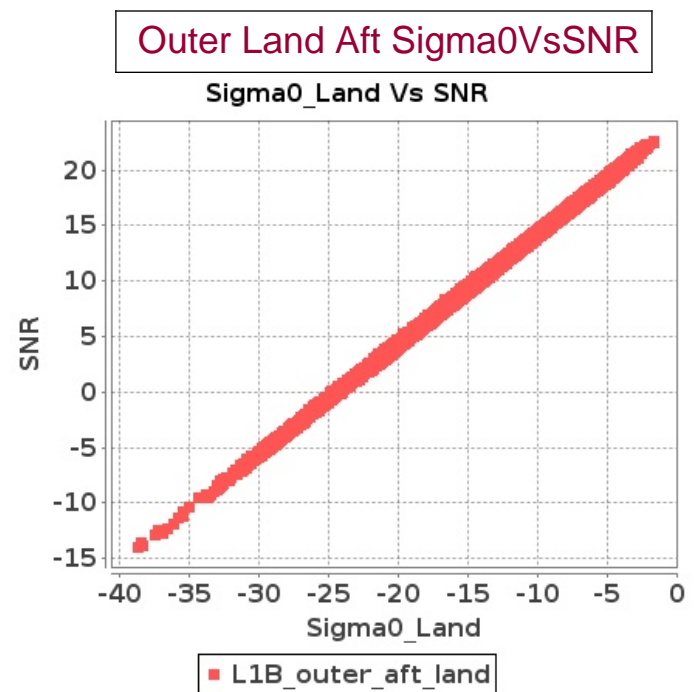
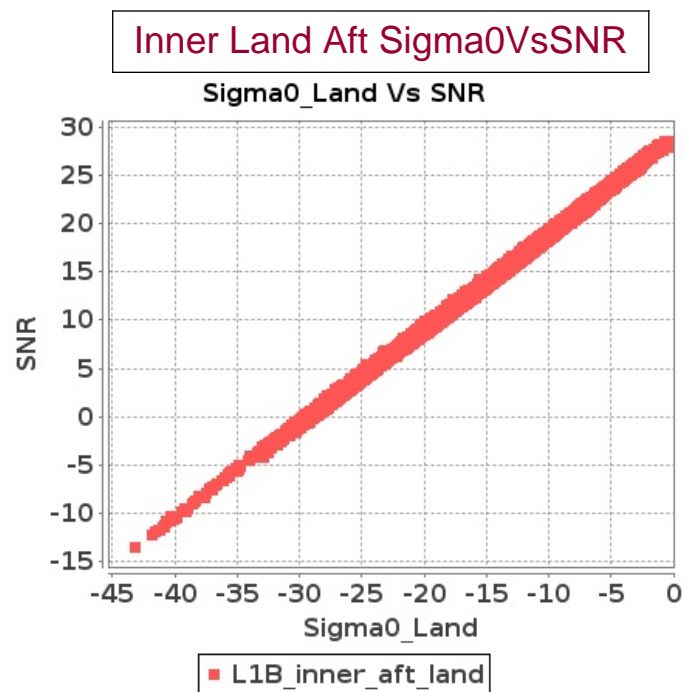
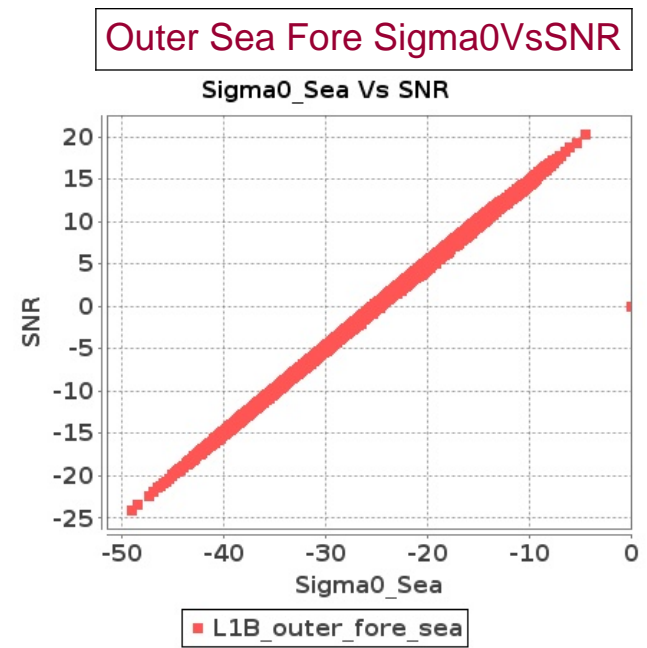
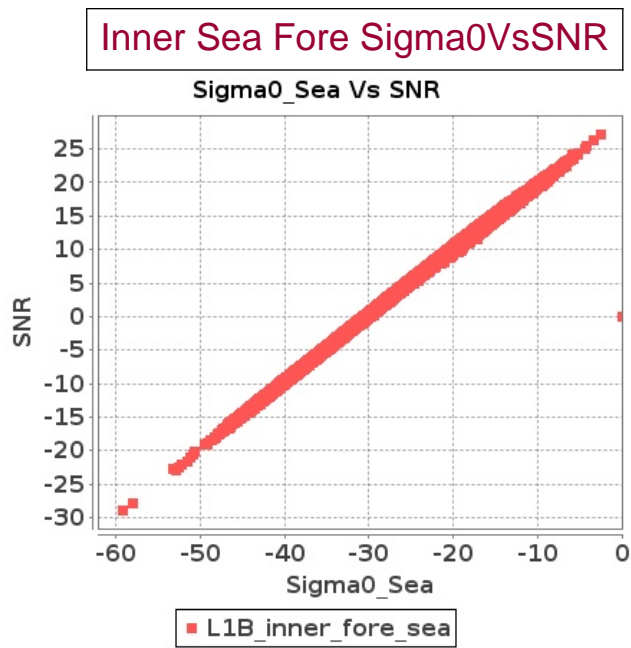
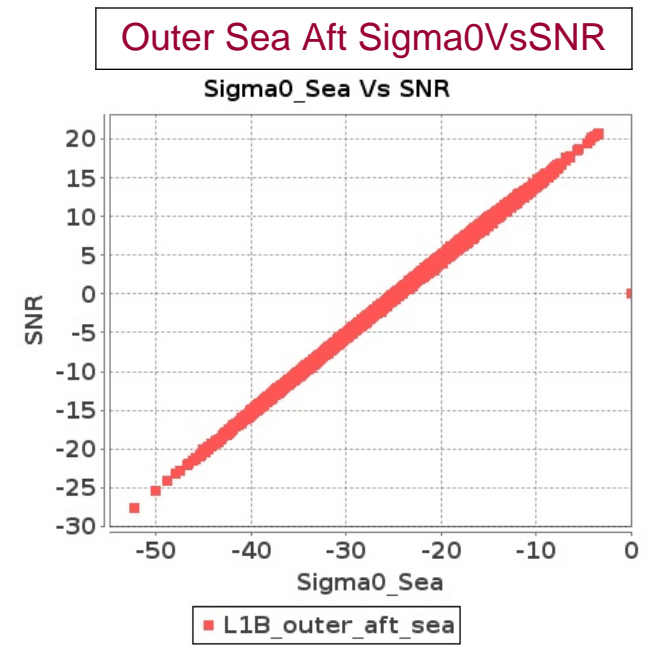
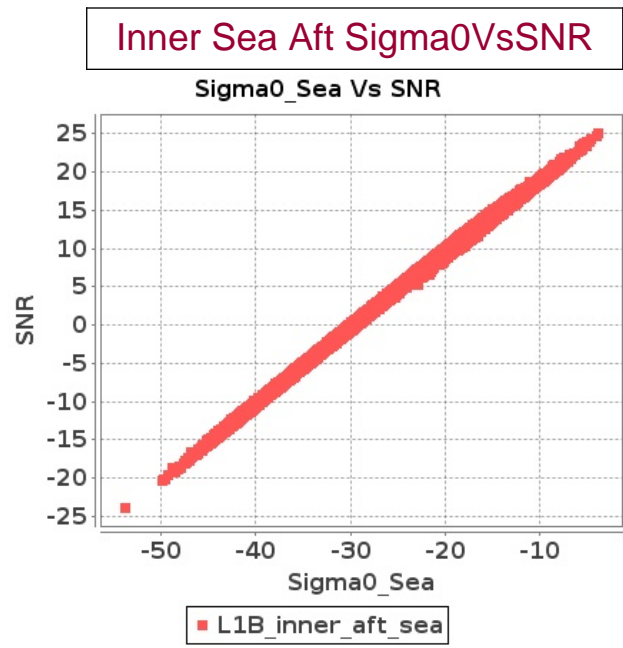
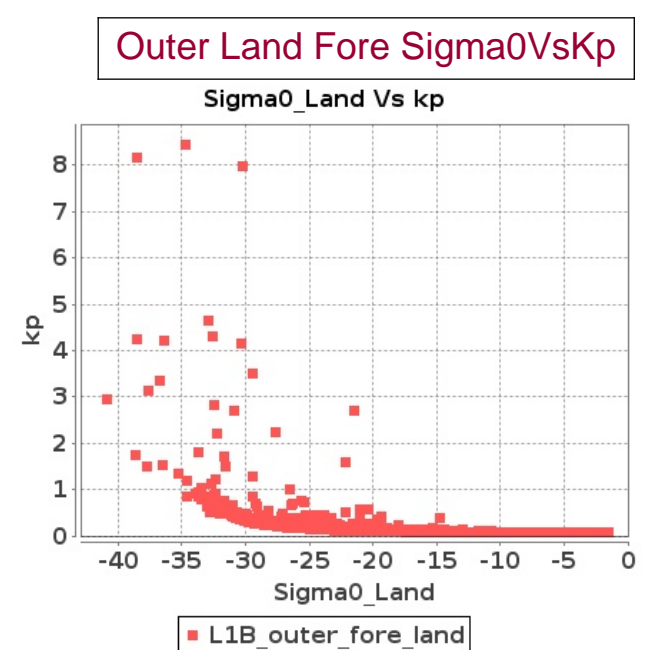
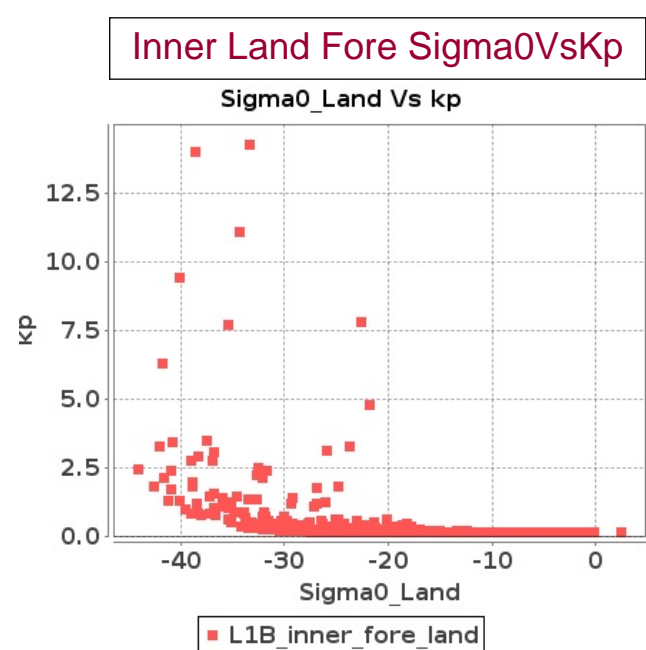
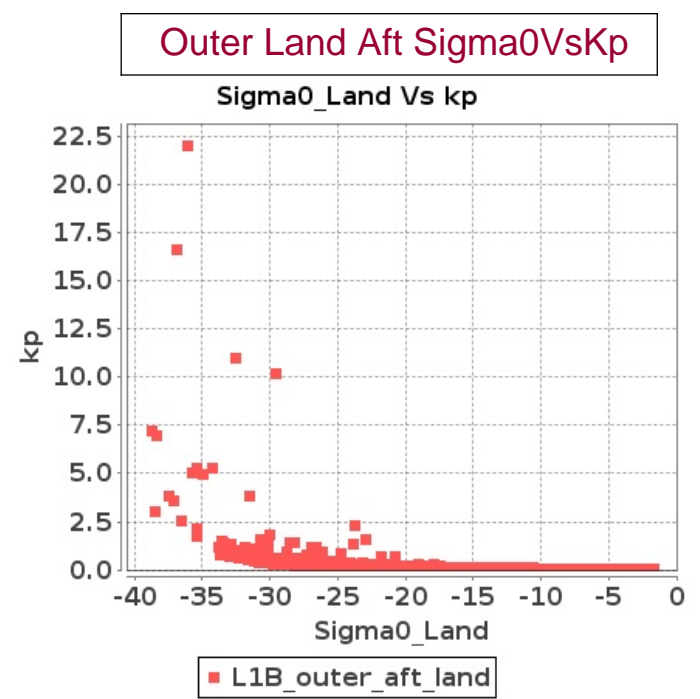
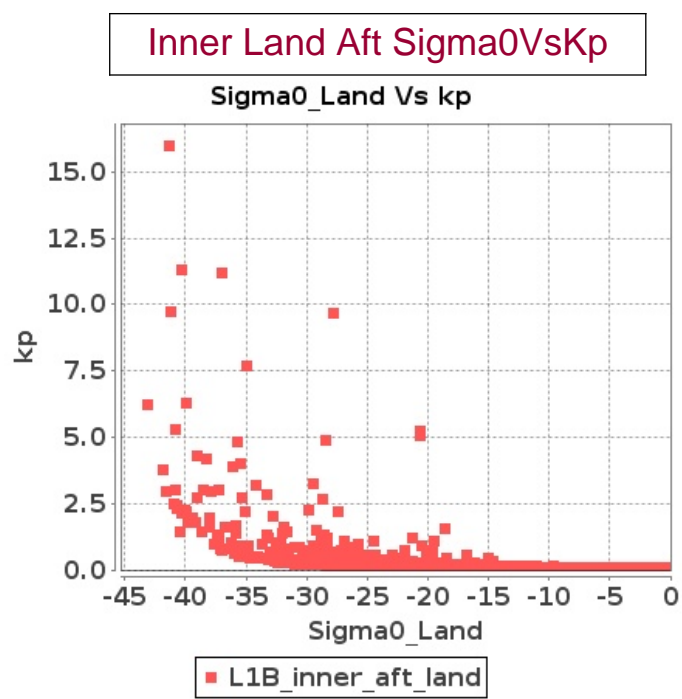
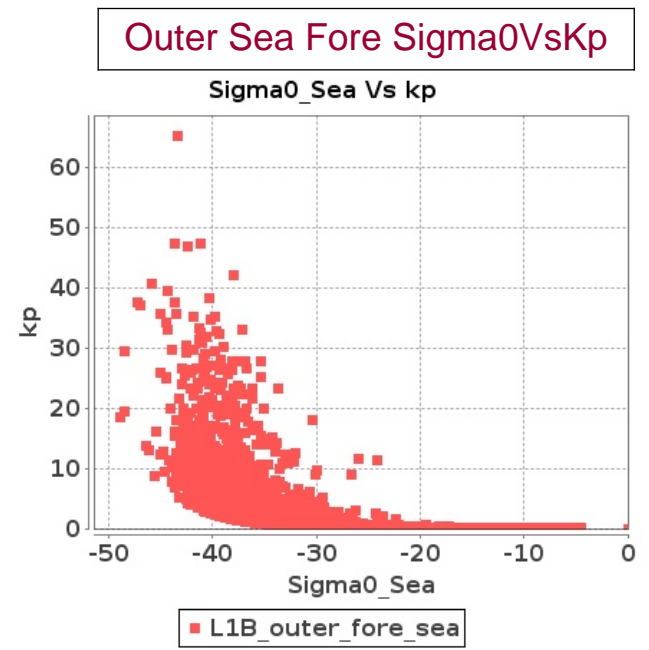
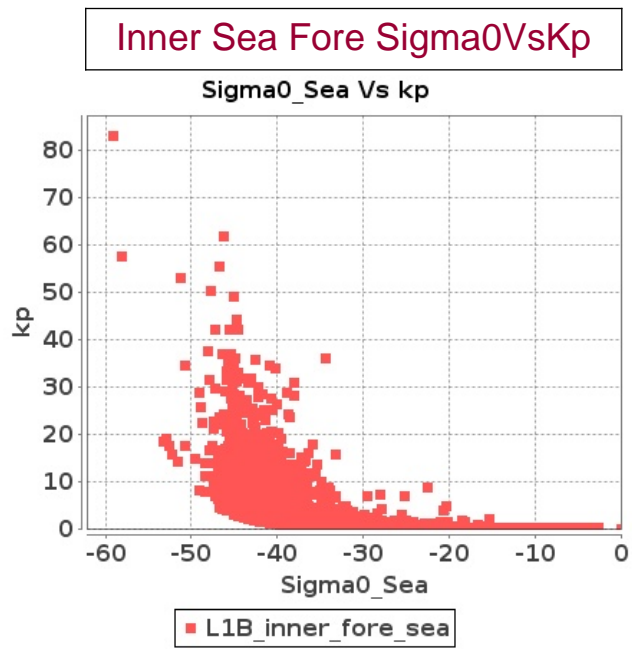
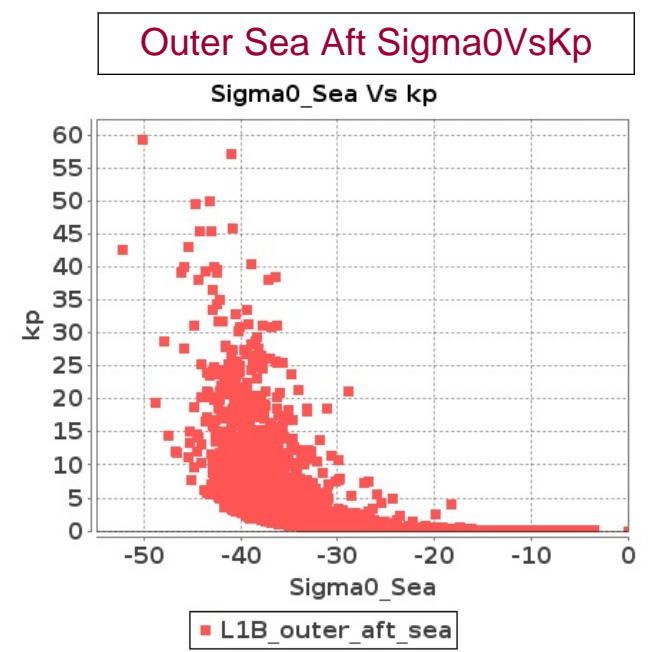
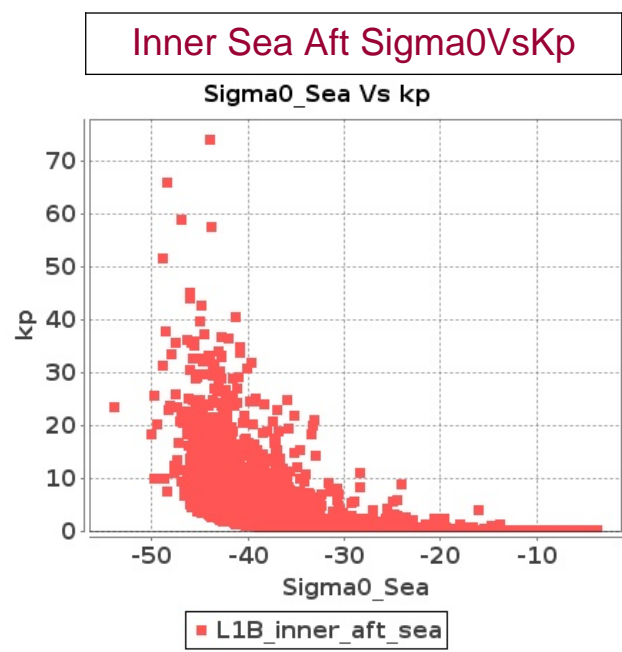


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 21-NOV-2019 To 22-NOV-2019





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

Report between 21-NOV-2019 To 22-NOV-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 | 16686 | 16687 | SN | 1 | 48.813 | 49.41 | 0.0 | 0.0 | 50.363 | 2.729 | 1041.016 | 1078.88 | 0.0 | -91.779 | -90.088 | 0.0 |
| 2 | 16686 | 16687 | SN | 1 | 48.793 | 49.412 | 0.0 | 0.0 | 50.363 | 2.725 | 1040.808 | 1078.92 | 0.0 | -91.779 | -90.087 | 0.0 |
| 3 | 16687 | 16688 | SN | 1 | 48.81 | 49.466 | 0.0 | 0.003 | 6.458 | 2.602 | 1041.136 | 1078.88 | 0.0 | -91.786 | -90.069 | 0.0 |
| 4 | 16687 | 16688 | NS | 1 | 48.729 | 49.337 | 0.0 | 0.0 | 264.775 | 2.693 | 1031.056 | 1077.584 | 0.0 | -91.783 | -89.966 | 0.0 |
| 5 | 16688 | 16689 | NS | 1 | 48.693 | 49.328 | 0.0 | 0.003 | 207.033 | 2.508 | 1030.224 | 1077.768 | 0.0 | -91.746 | -89.938 | 0.0 |
| 6 | 16688 | 16689 | SN | 1 | 48.797 | 49.47 | 0.0 | 0.003 | 6.458 | 2.513 | 1040.48 | 1079.024 | 0.0 | -91.868 | -90.104 | 0.0 |
| 7 | 16688 | 16689 | NS | 1 | 48.693 | 49.343 | 0.0 | 0.003 | 207.033 | 2.51 | 1030.488 | 1077.784 | 0.0 | -91.784 | -89.938 | 0.0 |
| 8 | 16688 | 16689 | SN | 1 | 48.797 | 49.47 | 0.0 | 0.003 | 6.458 | 2.365 | 1040.48 | 1079.024 | 0.0 | -91.868 | -90.104 | 0.0 |
| 9 | 16689 | 16690 | SN | 1 | 48.77 | 49.417 | 0.0 | 0.003 | 6.452 | 2.544 | 1041.48 | 1078.952 | 0.0 | -91.769 | -90.102 | 0.0 |
| 10 | 16689 | 16690 | NS | 1 | 48.686 | 49.334 | 0.0 | 0.003 | 209.956 | 2.596 | 1030.632 | 1077.76 | 0.0 | -91.668 | -89.984 | 0.0 |
| 11 | 16689 | 16690 | SN | 2 | 48.77 | 49.417 | 0.0 | 0.003 | 6.452 | 2.545 | 1041.48 | 1078.952 | 0.0 | -91.769 | -90.102 | 0.0 |
| 12 | 16689 | 16690 | NS | 1 | 48.7 | 49.334 | 0.0 | 0.003 | 209.956 | 2.598 | 1030.344 | 1077.76 | 0.0 | -91.742 | -89.984 | 0.0 |
| 13 | 16690 | 16691 | SN | 1 | 48.775 | 49.457 | 0.0 | 0.003 | 6.458 | 2.511 | 1041.056 | 1078.832 | 0.0 | -92.164 | -90.102 | 0.0 |
| 14 | 16690 | 16691 | NS | 1 | 48.731 | 49.318 | 0.0 | 0.003 | 207.198 | 2.595 | 1031.376 | 1077.64 | 0.0 | -91.851 | -89.954 | 0.0 |
| 15 | 16690 | 16691 | NS | 1 | 48.73 | 49.316 | 0.0 | 0.003 | 267.384 | 2.608 | 1031.368 | 1077.656 | 0.0 | -92.392 | -89.954 | 0.0 |
| 16 | 16690 | 16691 | SN | 1 | 48.775 | 49.457 | 0.0 | 0.003 | 6.458 | 2.513 | 1041.056 | 1078.832 | 0.0 | -92.164 | -90.102 | 0.0 |
| 17 | 16691 | 16692 | SN | 1 | 48.788 | 49.448 | 0.0 | 0.003 | 6.452 | 2.538 | 1041.504 | 1078.768 | 0.0 | -91.775 | -90.101 | 0.0 |
| 18 | 16691 | 16692 | NS | 1 | 48.668 | 49.312 | 0.0 | 0.0 | 43.436 | 2.781 | 1031.36 | 1077.576 | 0.0 | -91.717 | -89.972 | 0.0 |
| 19 | 16691 | 16692 | SN | 1 | 48.781 | 49.448 | 0.0 | 0.003 | 6.452 | 2.538 | 1040.888 | 1078.768 | 0.0 | -91.775 | -90.101 | 0.0 |
| 20 | 16692 | 16693 | NS | 2 | 48.729 | 49.328 | 0.0 | 0.003 | 210.678 | 2.569 | 1030.136 | 1077.512 | 0.0 | -91.706 | -89.982 | 0.0 |
| 21 | 16692 | 16693 | NS | 1 | 48.732 | 49.33 | 0.0 | 0.003 | 264.726 | 2.567 | 1030.176 | 1077.48 | 0.0 | -91.706 | -89.982 | 0.0 |
| 22 | 16692 | 16693 | SN | 1 | 48.687 | 49.44 | 0.0 | 0.0 | 110.945 | 2.681 | 1041.592 | 1078.76 | 0.0 | -94.03 | -90.102 | 0.0 |
| 23 | 16692 | 16693 | SN | 2 | 48.687 | 49.44 | 0.0 | 0.0 | 110.945 | 2.681 | 1041.592 | 1078.76 | 0.0 | -94.03 | -90.102 | 0.0 |
| 24 | 16692 | 16693 | SN | 1 | 48.687 | 49.44 | 0.0 | 0.0 | 110.945 | 1.821 | 1041.592 | 1078.76 | 0.0 | -91.842 | -90.102 | 0.0 |
| 25 | 16693 | 16694 | NS | 1 | 48.724 | 49.337 | 0.0 | 0.003 | 267.02 | 2.631 | 1030.368 | 1077.672 | 0.0 | -92.311 | -89.981 | 0.0 |
| 26 | 16693 | 16694 | SN | 1 | 48.829 | 49.476 | 0.0 | 0.003 | 6.447 | 1.574 | 1041.456 | 1078.96 | 0.0 | -91.894 | -90.089 | 0.0 |
| 27 | 16693 | 16694 | SN | 1 | 48.829 | 49.476 | 0.0 | 0.003 | 6.447 | 2.68 | 1041.456 | 1078.96 | 0.0 | -94.188 | -90.089 | 0.0 |
| 28 | 16693 | 16694 | SN | 2 | 48.829 | 49.476 | 0.0 | 0.003 | 6.447 | 2.68 | 1041.456 | 1078.96 | 0.0 | -94.188 | -90.089 | 0.0 |
| 29 | 16693 | 16694 | NS | 1 | 48.695 | 49.288 | 0.0 | 0.003 | 267.02 | 2.634 | 1030.528 | 1077.672 | 0.0 | -91.783 | -89.981 | 0.0 |
| 30 | 16694 | 16695 | SN | 1 | 48.804 | 49.412 | 0.0 | 0.003 | 280.14 | 2.577 | 1041.128 | 1079.024 | 0.0 | -94.23 | -90.056 | 0.0 |
| 31 | 16694 | 16695 | SN | 2 | 48.804 | 49.412 | 0.0 | 0.003 | 278.563 | 2.576 | 1041.136 | 1079.024 | 0.0 | -94.23 | -90.056 | 0.0 |
| 32 | 16694 | 16695 | NS | 1 | 48.715 | 49.336 | 0.0 | 0.003 | 13.622 | 2.632 | 1030.248 | 1077.744 | 0.0 | -91.688 | -89.957 | 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 | 16694 | 16695 | NS | 1 | 48.711 | 49.336 | 0.0 | 0.003 | 13.622 | 2.629 | 1030.248 | 1077.744 | 0.0 | -91.72 | -89.957 | 0.0 |
| 34 | 16695 | 16696 | NS | 1 | 48.73 | 49.353 | 0.0 | 0.0 | 266.523 | 2.856 | 1030.272 | 1077.68 | 0.0 | -94.192 | -89.955 | 0.0 |
| 35 | 16695 | 16696 | SN | 1 | 48.788 | 49.422 | 0.0 | 0.003 | 29.679 | 2.545 | 1041.128 | 1078.992 | 0.0 | -91.854 | -90.097 | 0.0 |
| 36 | 16695 | 16696 | NS | 1 | 48.73 | 49.353 | 0.0 | 0.0 | 266.523 | 2.865 | 1030.272 | 1077.68 | 0.0 | -94.192 | -89.955 | 0.0 |
| 37 | 16696 | 16697 | SN | 1 | 48.799 | 49.413 | 0.0 | 0.003 | 28.573 | 2.62 | 1041.592 | 1078.952 | 0.0 | -91.721 | -90.076 | 0.0 |
| 38 | 16696 | 16697 | NS | 1 | 48.696 | 49.332 | 0.0 | 0.003 | 267.279 | 2.619 | 1030.976 | 1077.664 | 0.0 | -91.727 | -89.981 | 0.0 |
| 39 | 16697 | 16698 | NS | 1 | 48.678 | 49.287 | 0.0 | 0.003 | 209.846 | 2.461 | 1029.84 | 1076.888 | 0.0 | -91.819 | -89.98 | 0.0 |
| 40 | 16697 | 16698 | SN | 1 | 48.809 | 49.413 | 0.0 | 0.003 | 6.458 | 2.599 | 1041.784 | 1079.04 | 0.0 | -91.693 | -90.078 | 0.0 |
| 41 | 16697 | 16698 | NS | 1 | 48.678 | 49.287 | 0.0 | 0.003 | 209.846 | 2.656 | 1029.84 | 1077.696 | 0.0 | -91.669 | -89.98 | 0.0 |
| 42 | 16698 | 16699 | NS | 1 | 48.727 | 49.285 | 0.0 | 0.003 | 14.201 | 1.969 | 1030.776 | 1075.6 | 0.0 | -91.795 | -89.978 | 0.0 |
| 43 | 16698 | 16699 | SN | 1 | 48.811 | 49.44 | 0.0 | 0.003 | 6.453 | 2.58 | 1041.808 | 1079.088 | 0.0 | -91.842 | -90.098 | 0.0 |
| 44 | 16698 | 16699 | NS | 1 | 48.727 | 49.304 | 0.0 | 0.003 | 14.201 | 2.582 | 1030.776 | 1077.728 | 0.0 | -91.778 | -89.978 | 0.0 |
| 45 | 16698 | 16699 | NS | 1 | 48.727 | 49.285 | 0.0 | 0.003 | 14.201 | 2.584 | 1030.776 | 1077.728 | 0.0 | -91.779 | -89.978 | 0.0 |
| 46 | 16699 | 16700 | SN | 1 | 48.775 | 49.476 | 0.0 | 0.003 | 6.452 | 2.572 | 1041.848 | 1079.208 | 0.0 | -91.861 | -90.108 | 0.0 |
| 47 | 16699 | 16700 | SN | 2 | 48.775 | 49.476 | 0.0 | 0.003 | 6.452 | 2.572 | 1041.848 | 1079.208 | 0.0 | -91.861 | -90.108 | 0.0 |
| 48 | 16699 | 16700 | NS | 1 | 48.676 | 49.339 | 0.0 | 0.0 | 210.706 | 2.725 | 1030.656 | 1077.84 | 0.0 | -91.821 | -89.976 | 0.0 |
| 49 | 16699 | 16700 | NS | 1 | 48.676 | 49.335 | 0.0 | 0.0 | 210.706 | 2.722 | 1030.656 | 1077.832 | 0.0 | -91.83 | -89.976 | 0.0 |
| 50 | 16699 | 16700 | NS | 1 | 48.676 | 49.334 | 0.0 | 0.0 | 210.706 | 1.639 | 1030.656 | 1073.928 | 0.0 | -91.855 | -89.976 | 0.0 |
| 51 | 16700 | 16701 | SN | 1 | 48.81 | 49.416 | 0.0 | 0.003 | 6.458 | 1.702 | 1041.2 | 1079.28 | 0.0 | -91.732 | -90.108 | 0.0 |
| 52 | 16700 | 16701 | NS | 1 | 48.719 | 49.285 | 0.0 | 0.0 | 62.011 | 2.66 | 1029.952 | 1077.912 | 0.0 | -91.668 | -89.96 | 0.0 |
| 53 | 16700 | 16701 | NS | 1 | 48.719 | 49.285 | 0.0 | 0.0 | 62.011 | 1.662 | 1029.952 | 1070.28 | 0.0 | -91.668 | -89.96 | 0.0 |
| 54 | 16700 | 16701 | NS | 2 | 48.72 | 49.284 | 0.0 | 0.0 | 62.011 | 2.66 | 1029.96 | 1077.912 | 0.0 | -91.791 | -89.96 | 0.0 |
| 55 | 16700 | 16701 | SN | 1 | 48.81 | 49.416 | 0.0 | 0.0 | 48.631 | 2.811 | 1041.2 | 1079.28 | 0.0 | -91.732 | -90.108 | 0.0 |
| 56 | 16701 | 16702 | SN | 1 | 48.81 | 49.469 | 0.0 | 0.003 | 6.464 | 2.705 | 1042.0 | 1079.104 | 0.0 | -91.866 | -90.063 | 0.0 |
| 57 | 16701 | 16702 | SN | 1 | 48.81 | 49.469 | 0.0 | 0.003 | 6.464 | 2.427 | 1041.472 | 1079.104 | 0.0 | -91.866 | -90.063 | 0.0 |
| 58 | 16701 | 16702 | NS | 1 | 48.671 | 49.33 | 0.0 | 0.003 | 19.771 | 2.747 | 1029.872 | 1077.784 | 0.0 | -91.85 | -89.961 | 0.0 |
| 59 | 16702 | 16703 | SN | 1 | 48.774 | 49.413 | 0.0 | 0.003 | 6.48 | 2.511 | 1040.744 | 1079.272 | 0.0 | -92.556 | -90.082 | 0.0 |
| 60 | 16702 | 16703 | SN | 1 | 48.774 | 49.413 | 0.0 | 0.003 | 6.48 | 2.388 | 1040.744 | 1079.272 | 0.0 | -92.556 | -90.082 | 0.0 |
| 61 | 16702 | 16703 | NS | 1 | 48.728 | 49.337 | 0.0 | 0.003 | 264.67 | 2.511 | 1030.664 | 1077.992 | 0.0 | -91.798 | -89.954 | 0.0 |
| 62 | 16703 | 16704 | SN | 1 | 48.808 | 49.414 | 0.0 | 0.003 | 6.475 | 2.507 | 1041.632 | 1079.32 | 0.0 | -91.698 | -90.105 | 0.0 |
| 63 | 16703 | 16704 | SN | 2 | 48.808 | 49.414 | 0.0 | 0.003 | 6.475 | 2.507 | 1041.632 | 1079.32 | 0.0 | -91.698 | -90.105 | 0.0 |
| 64 | 16703 | 16704 | NS | 1 | 48.708 | 49.302 | 0.0 | 0.0 | 105.055 | 2.698 | 1029.928 | 1078.032 | 0.0 | -91.792 | -89.966 | 0.0 |
| 65 | 16703 | 16704 | NS | 1 | 48.708 | 49.302 | 0.0 | 0.0 | 105.055 | 2.695 | 1029.928 | 1078.032 | 0.0 | -91.798 | -89.966 | 0.0 |
| 66 | 16703 | 16704 | SN | 1 | 48.808 | 49.414 | 0.0 | 0.003 | 6.475 | 2.333 | 1041.632 | 1079.32 | 0.0 | -91.698 | -90.105 | 0.0 |
| 67 | 16704 | 16705 | SN | 2 | 48.78 | 49.466 | 0.0 | 0.003 | 215.129 | 2.567 | 1041.56 | 1079.248 | 0.0 | -91.884 | -90.076 | 0.0 |
| 68 | 16704 | 16705 | NS | 1 | 48.729 | 49.309 | 0.0 | 0.003 | 264.764 | 2.621 | 1031.008 | 1077.944 | 0.0 | -91.656 | -89.959 | 0.0 |
| 69 | 16704 | 16705 | NS | 1 | 48.729 | 49.31 | 0.0 | 0.003 | 264.764 | 2.623 | 1030.912 | 1077.968 | 0.0 | -91.634 | -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 | 16704 | 16705 | SN | 1 | 48.78 | 49.466 | 0.0 | 0.003 | 215.129 | 2.567 | 1041.56 | 1079.248 | 0.0 | -91.884 | -90.076 | 0.0 |
| 71 | 16704 | 16705 | SN | 1 | 48.78 | 49.466 | 0.0 | 0.003 | 215.129 | 2.282 | 1041.56 | 1079.248 | 0.0 | -91.884 | -90.076 | 0.0 |
| 72 | 16705 | 16706 | NS | 1 | 48.677 | 49.357 | 0.0 | 0.0 | 219.365 | 2.741 | 1031.112 | 1077.448 | 0.0 | -92.592 | -89.974 | 0.0 |
| 73 | 16705 | 16706 | SN | 1 | 48.875 | 49.416 | 0.0 | 0.0 | 254.137 | 13.244 | 1051.536 | 1079.176 | 0.0 | -91.368 | -90.182 | 0.0 |
| 74 | 16705 | 16706 | SN | 1 | 48.809 | 49.417 | 0.0 | 0.0 | 254.137 | 2.981 | 1041.568 | 1079.256 | 0.0 | -91.722 | -90.103 | 0.0 |
| 75 | 16705 | 16706 | NS | 1 | 48.681 | 49.357 | 0.0 | 0.0 | 267.378 | 3.134 | 1031.128 | 1077.88 | 0.0 | -92.592 | -89.973 | 0.0 |
| 76 | 16706 | 16707 | SN | 1 | 48.772 | 49.474 | 0.0 | 0.003 | 6.458 | 1.875 | 1041.648 | 1079.08 | 0.0 | -91.847 | -90.103 | 0.0 |
| 77 | 16706 | 16707 | NS | 1 | 48.729 | 49.321 | 0.0 | 0.003 | 210.028 | 2.594 | 1030.688 | 1077.76 | 0.0 | -91.976 | -89.975 | 0.0 |
| 78 | 16706 | 16707 | SN | 1 | 48.772 | 49.474 | 0.0 | 0.003 | 6.458 | 2.574 | 1041.648 | 1079.08 | 0.0 | -91.847 | -90.103 | 0.0 |
| 79 | 16706 | 16707 | NS | 2 | 48.727 | 49.322 | 0.0 | 0.003 | 210.022 | 2.593 | 1030.656 | 1077.8 | 0.0 | -91.976 | -89.975 | 0.0 |
| 80 | 16706 | 16707 | SN | 1 | 48.809 | 49.474 | 0.0 | 0.003 | 6.458 | 2.572 | 1041.648 | 1079.08 | 0.0 | -91.847 | -90.103 | 0.0 |
| 81 | 16707 | 16708 | SN | 1 | 48.784 | 49.414 | 0.0 | 0.003 | 280.344 | 1.641 | 1041.024 | 1079.176 | 0.0 | -92.057 | -90.086 | 0.0 |
| 82 | 16707 | 16708 | NS | 2 | 48.678 | 49.336 | 0.0 | 0.0 | 264.67 | 2.715 | 1030.872 | 1077.864 | 0.0 | -92.273 | -89.978 | 0.0 |
| 83 | 16707 | 16708 | SN | 1 | 48.784 | 49.414 | 0.0 | 0.003 | 280.344 | 2.641 | 1040.84 | 1079.176 | 0.0 | -94.103 | -90.086 | 0.0 |
| 84 | 16707 | 16708 | SN | 1 | 48.784 | 49.414 | 0.0 | 0.003 | 280.344 | 2.645 | 1041.024 | 1079.176 | 0.0 | -94.103 | -90.086 | 0.0 |
| 85 | 16707 | 16708 | NS | 1 | 48.68 | 49.338 | 0.0 | 0.0 | 267.466 | 2.713 | 1030.928 | 1077.808 | 0.0 | -92.273 | -89.978 | 0.0 |
| 86 | 16708 | 16709 | SN | 1 | 48.817 | 49.431 | 0.0 | 0.0 | 235.888 | 1.617 | 1040.944 | 1079.336 | 0.0 | -91.871 | -90.077 | 0.0 |
| 87 | 16708 | 16709 | NS | 1 | 48.728 | 49.318 | 0.0 | 0.003 | 266.562 | 2.593 | 1030.776 | 1077.856 | 0.0 | -91.727 | -89.976 | 0.0 |
| 88 | 16708 | 16709 | SN | 1 | 48.817 | 49.431 | 0.0 | 0.0 | 235.888 | 2.67 | 1040.944 | 1079.336 | 0.0 | -91.871 | -90.077 | 0.0 |
| 89 | 16708 | 16709 | SN | 2 | 48.817 | 49.431 | 0.0 | 0.0 | 235.888 | 2.67 | 1040.944 | 1079.336 | 0.0 | -91.871 | -90.077 | 0.0 |
| 90 | 16708 | 16709 | NS | 1 | 48.725 | 49.315 | 0.0 | 0.003 | 14.113 | 2.596 | 1030.728 | 1077.912 | 0.0 | -91.727 | -89.975 | 0.0 |
| 91 | 16709 | 16710 | SN | 1 | 48.814 | 49.463 | 0.0 | 0.003 | 6.469 | 2.535 | 1041.936 | 1079.336 | 0.0 | -91.829 | -90.06 | 0.0 |
| 92 | 16709 | 16710 | NS | 1 | 48.676 | 49.288 | 0.0 | 0.003 | 38.919 | 2.748 | 1030.672 | 1077.976 | 0.0 | -92.002 | -89.968 | 0.0 |
| 93 | 16709 | 16710 | SN | 2 | 48.814 | 49.463 | 0.0 | 0.003 | 6.469 | 2.535 | 1041.936 | 1079.336 | 0.0 | -91.829 | -90.06 | 0.0 |
| 94 | 16709 | 16710 | NS | 1 | 48.676 | 49.288 | 0.0 | 0.003 | 38.919 | 2.751 | 1030.672 | 1077.976 | 0.0 | -92.002 | -89.968 | 0.0 |
| 95 | 16710 | 16711 | NS | 1 | 48.704 | 49.323 | 0.0 | 0.003 | 266.634 | 2.637 | 1030.016 | 1077.824 | 0.0 | -91.815 | -89.957 | 0.0 |
| 96 | 16710 | 16711 | SN | 1 | 48.803 | 49.474 | 0.0 | 0.003 | 214.914 | 2.569 | 1041.848 | 1079.24 | 0.0 | -91.862 | -90.098 | 0.0 |
| 97 | 16710 | 16711 | NS | 1 | 48.704 | 49.285 | 0.0 | 0.003 | 266.634 | 2.64 | 1030.016 | 1077.824 | 0.0 | -91.758 | -89.957 | 0.0 |
| 98 | 16711 | 16712 | NS | 1 | 48.668 | 49.301 | 0.0 | 0.003 | 19.523 | 2.668 | 1030.832 | 1077.928 | 0.0 | -92.134 | -89.979 | 0.0 |
| 99 | 16711 | 16712 | NS | 1 | 48.668 | 49.301 | 0.0 | 0.003 | 19.523 | 2.606 | 1030.832 | 1077.744 | 0.0 | -92.134 | -89.979 | 0.0 |
| 100 | 16711 | 16712 | SN | 1 | 48.774 | 49.415 | 0.0 | 0.003 | 6.464 | 2.638 | 1041.832 | 1079.32 | 0.0 | -91.879 | -90.078 | 0.0 |
| 101 | 16712 | 16713 | SN | 1 | 48.809 | 49.427 | 0.0 | 0.003 | 6.469 | 2.568 | 1041.8 | 1079.392 | 0.0 | -91.815 | -90.084 | 0.0 |
| 102 | 16712 | 16713 | NS | 1 | 48.664 | 49.301 | 0.0 | 0.003 | 43.163 | 2.201 | 1030.688 | 1076.52 | 0.0 | -92.063 | -89.977 | 0.0 |
| 103 | 16712 | 16713 | NS | 1 | 48.664 | 49.301 | 0.0 | 0.003 | 43.163 | 2.569 | 1030.688 | 1078.008 | 0.0 | -92.063 | -89.977 | 0.0 |
| 104 | 16712 | 16713 | SN | 1 | 48.809 | 49.427 | 0.0 | 0.003 | 6.469 | 1.607 | 1041.8 | 1079.392 | 0.0 | -91.815 | -90.084 | 0.0 |
| 105 | 16713 | 16714 | SN | 1 | 48.803 | 49.467 | 0.0 | 0.003 | 6.469 | 2.578 | 1041.192 | 1079.488 | 0.0 | -92.147 | -90.108 | 0.0 |
| 106 | 16713 | 16714 | NS | 1 | 48.668 | 49.317 | 0.0 | 0.003 | 210.965 | 2.682 | 1029.808 | 1078.112 | 0.0 | -91.791 | -89.975 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 16713 | 16714 | SN | 1 | 48.803 | 49.467 | 0.0 | 0.003 | 6.469 | 1.544 | 1041.192 | 1079.488 | 0.0 | -92.147 | -90.108 | 0.0 |
| 108 | 16714 | 16715 | SN | 1 | 48.812 | 49.42 | 0.0 | 0.003 | 6.469 | 1.533 | 1040.848 | 1079.6 | 0.0 | -91.801 | -90.11 | 0.0 |
| 109 | 16714 | 16715 | NS | 1 | 48.719 | 49.331 | 0.0 | 0.003 | 264.863 | 2.605 | 1029.808 | 1078.192 | 0.0 | -91.758 | -89.973 | 0.0 |
| 110 | 16714 | 16715 | NS | 1 | 48.719 | 49.284 | 0.0 | 0.003 | 264.863 | 1.537 | 1029.808 | 1072.64 | 0.0 | -91.774 | -89.973 | 0.0 |
| 111 | 16714 | 16715 | SN | 1 | 48.812 | 49.42 | 0.0 | 0.0 | 125.847 | 2.707 | 1040.848 | 1079.6 | 0.0 | -91.801 | -90.11 | 0.0 |
| 112 | 16715 | 16716 | NS | 1 | 48.724 | 49.333 | 0.0 | 0.0 | 264.775 | 2.834 | 1029.856 | 1078.152 | 0.0 | -92.265 | -89.975 | 0.0 |
| 113 | 16715 | 16716 | NS | 1 | 48.708 | 49.339 | 0.0 | 0.0 | 264.775 | 2.837 | 1029.656 | 1078.152 | 0.0 | -91.749 | -89.975 | 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 | 16686 | 16687 | SN | 1 | -33.653 | 26.978 | 0.399 | -34.827 | 27.542 | 1.463 | -17.037 | 27.865 | 7.06 | -9.78 | 29.474 | 7.245 | 0.116 | 224.794 | 1.995 | 0.116 | 294.552 | 1.496 | 0.116 | 4.988 | 0.006 | 0.116 | 1.013 | 0.002 |
| 2 | 16686 | 16687 | SN | 1 | -32.535 | 26.978 | 0.4 | -34.272 | 27.542 | 1.463 | -16.912 | 27.865 | 7.047 | -9.777 | 29.474 | 7.26 | 0.116 | 173.76 | 1.993 | 0.116 | 259.186 | 1.497 | 0.116 | 4.848 | 0.006 | 0.116 | 1.012 | 0.002 |
| 3 | 16687 | 16688 | SN | 1 | -34.861 | 26.934 | 0.21 | -34.841 | 27.258 | 0.938 | 1.015 | 30.809 | 7.868 | 0.378 | 30.631 | 4.782 | 0.116 | 296.924 | 10.77 | 0.116 | 295.471 | 9.526 | 0.116 | 0.181 | 0.0 | 0.116 | 0.193 | 0.0 |
| 4 | 16687 | 16688 | NS | 1 | -34.854 | 24.751 | 0.093 | -34.917 | 25.233 | 0.013 | -6.653 | 33.01 | 7.804 | -6.03 | 36.383 | 18.518 | 0.116 | 296.377 | 3.345 | 0.116 | 300.66 | 3.223 | 0.116 | 0.542 | 0.0 | 0.116 | 0.483 | 0.0 |
| 5 | 16688 | 16689 | NS | 1 | -34.04 | 22.684 | 0.011 | -34.792 | 23.648 | 0.005 | -3.252 | 28.935 | 8.599 | -10.744 | 29.113 | 16.76 | 0.116 | 245.771 | 3.521 | 0.116 | 292.119 | 3.923 | 0.116 | 0.303 | 0.0 | 0.116 | 1.241 | 0.003 |
| 6 | 16688 | 16689 | SN | 1 | -34.77 | 23.173 | 0.043 | -34.928 | 23.792 | 0.153 | 1.126 | 30.286 | 9.257 | 0.302 | 30.346 | 5.445 | 0.116 | 290.679 | 5.513 | 0.116 | 301.414 | 5.304 | 0.116 | 0.18 | 0.0 | 0.116 | 0.194 | 0.0 |
| 7 | 16688 | 16689 | NS | 1 | -34.936 | 22.684 | 0.011 | -34.977 | 23.648 | 0.006 | -3.255 | 28.935 | 8.602 | -10.744 | 29.113 | 16.756 | 0.116 | 301.978 | 3.54 | 0.116 | 304.917 | 3.924 | 0.116 | 0.303 | 0.0 | 0.116 | 1.241 | 0.003 |
| 8 | 16688 | 16689 | SN | 1 | -34.77 | 23.173 | 0.042 | -34.928 | 23.792 | 0.155 | 1.126 | 30.286 | 9.257 | 0.302 | 30.346 | 5.445 | 0.116 | 290.679 | 5.61 | 0.116 | 301.414 | 5.383 | 0.116 | 0.18 | 0.0 | 0.116 | 0.194 | 0.0 |
| 9 | 16689 | 16690 | SN | 1 | -34.702 | 22.667 | 0.001 | -34.882 | 21.832 | 0.0 | 6.436 | 27.07 | 9.235 | 6.541 | 26.756 | 4.552 | 0.116 | 286.145 | 1.927 | 0.116 | 298.25 | 1.713 | 0.116 | 0.133 | 0.0 | 0.116 | 0.133 | 0.0 |
| 10 | 16689 | 16690 | NS | 1 | -34.776 | 21.616 | 0.0 | -34.892 | 23.878 | 0.003 | -4.7 | 28.583 | 6.741 | -4.101 | 29.666 | 12.95 | 0.116 | 291.174 | 6.917 | 0.116 | 299.015 | 6.795 | 0.116 | 0.382 | 0.0 | 0.116 | 0.346 | 0.0 |
| 11 | 16689 | 16690 | SN | 2 | -34.702 | 22.667 | 0.001 | -34.882 | 21.832 | 0.0 | 6.436 | 27.07 | 9.235 | 6.541 | 26.754 | 4.552 | 0.116 | 286.145 | 1.927 | 0.116 | 298.25 | 1.713 | 0.116 | 0.133 | 0.0 | 0.116 | 0.133 | 0.0 |
| 12 | 16689 | 16690 | NS | 1 | -34.895 | 21.616 | 0.0 | -34.748 | 23.878 | 0.003 | -4.7 | 28.583 | 6.738 | -4.101 | 29.666 | 12.953 | 0.116 | 299.23 | 6.923 | 0.116 | 289.285 | 6.732 | 0.116 | 0.382 | 0.0 | 0.116 | 0.346 | 0.0 |
| 13 | 16690 | 16691 | SN | 1 | -34.993 | 22.655 | 0.008 | -34.482 | 23.341 | 0.124 | 5.013 | 27.56 | 13.12 | 7.004 | 27.978 | 15.835 | 0.116 | 305.989 | 2.038 | 0.116 | 272.079 | 1.665 | 0.116 | 0.141 | 0.0 | 0.116 | 0.131 | 0.0 |
| 14 | 16690 | 16691 | NS | 1 | -34.898 | 21.875 | 0.0 | -34.943 | 22.811 | 0.032 | -27.922 | 27.625 | 3.898 | -18.978 | 29.2 | 9.045 | 0.116 | 299.483 | 2.711 | 0.116 | 302.589 | 2.05 | 0.116 | 60.131 | 0.048 | 0.116 | 7.747 | 0.021 |
| 15 | 16690 | 16691 | NS | 1 | -33.161 | 21.875 | 0.0 | -33.661 | 22.811 | 0.032 | -27.717 | 27.625 | 3.9 | -18.98 | 29.2 | 9.045 | 0.116 | 200.744 | 2.702 | 0.116 | 225.226 | 2.05 | 0.116 | 57.377 | 0.047 | 0.116 | 7.751 | 0.023 |
| 16 | 16690 | 16691 | SN | 1 | -34.993 | 22.655 | 0.008 | -34.482 | 23.341 | 0.124 | 5.013 | 27.56 | 13.12 | 7.004 | 27.978 | 15.907 | 0.116 | 305.989 | 2.04 | 0.116 | 272.079 | 1.665 | 0.116 | 0.141 | 0.0 | 0.116 | 0.131 | 0.0 |
| 17 | 16691 | 16692 | SN | 1 | -34.606 | 22.817 | 0.033 | -34.303 | 23.416 | 0.128 | 5.297 | 26.712 | 13.264 | 8.195 | 27.786 | 15.436 | 0.116 | 279.974 | 3.323 | 0.116 | 261.09 | 2.957 | 0.116 | 0.139 | 0.0 | 0.116 | 0.127 | 0.0 |
| 18 | 16691 | 16692 | NS | 1 | -33.99 | 22.421 | 0.004 | -34.96 | 22.365 | 0.016 | -6.689 | 28.151 | 4.989 | -5.615 | 29.067 | 9.492 | 0.116 | 242.979 | 4.097 | 0.116 | 303.708 | 3.508 | 0.116 | 0.546 | 0.0 | 0.116 | 0.448 | 0.0 |
| 19 | 16691 | 16692 | SN | 1 | -34.543 | 22.817 | 0.033 | -34.979 | 23.416 | 0.128 | 5.297 | 26.712 | 13.265 | 8.195 | 27.786 | 15.435 | 0.116 | 275.888 | 3.333 | 0.116 | 305.048 | 2.96 | 0.116 | 0.139 | 0.0 | 0.116 | 0.127 | 0.0 |
| 20 | 16692 | 16693 | NS | 2 | -34.759 | 27.344 | 0.077 | -34.996 | 26.978 | 0.162 | -8.335 | 28.423 | 8.846 | -10.611 | 30.479 | 13.965 | 0.116 | 290.017 | 2.668 | 0.116 | 306.22 | 2.27 | 0.116 | 0.753 | 0.0 | 0.116 | 1.206 | 0.003 |
| 21 | 16692 | 16693 | NS | 1 | -34.759 | 27.344 | 0.077 | -33.811 | 26.978 | 0.162 | -8.335 | 28.423 | 8.854 | -10.611 | 30.479 | 13.977 | 0.116 | 290.017 | 2.667 | 0.116 | 233.079 | 2.268 | 0.116 | 0.753 | 0.0 | 0.116 | 1.207 | 0.003 |
| 22 | 16692 | 16693 | SN | 1 | -34.846 | 23.202 | 0.114 | -34.963 | 24.398 | 0.463 | 3.35 | 28.411 | 8.675 | 8.009 | 29.494 | 9.727 | 0.116 | 295.868 | 2.149 | 0.116 | 303.948 | 1.713 | 0.116 | 0.153 | 0.0 | 0.116 | 0.128 | 0.0 |
| 23 | 16692 | 16693 | SN | 2 | -34.846 | 23.202 | 0.114 | -34.963 | 24.398 | 0.463 | 3.35 | 28.411 | 8.675 | 8.009 | 29.494 | 9.727 | 0.116 | 295.868 | 2.149 | 0.116 | 303.948 | 1.713 | 0.116 | 0.153 | 0.0 | 0.116 | 0.128 | 0.0 |
| 24 | 16692 | 16693 | SN | 1 | -34.846 | 23.202 | 0.12 | -34.963 | 24.398 | 0.42 | 3.35 | 28.411 | 9.167 | 8.009 | 29.494 | 9.721 | 0.116 | 295.868 | 2.264 | 0.116 | 303.948 | 1.786 | 0.116 | 0.153 | 0.0 | 0.116 | 0.128 | 0.0 |
| 25 | 16693 | 16694 | NS | 1 | -34.532 | 26.753 | 0.091 | -34.7 | 28.425 | 0.207 | 1.569 | 30.942 | 9.752 | 4.771 | 29.348 | 15.897 | 0.116 | 275.217 | 2.723 | 0.116 | 286.096 | 2.476 | 0.116 | 0.173 | 0.0 | 0.116 | 0.142 | 0.0 |
| 26 | 16693 | 16694 | SN | 1 | -34.85 | 23.617 | 0.284 | -34.934 | 23.979 | 0.656 | -0.147 | 33.046 | 10.769 | 3.702 | 32.804 | 12.417 | 0.116 | 296.129 | 10.284 | 0.116 | 301.871 | 9.398 | 0.116 | 0.203 | 0.0 | 0.116 | 0.15 | 0.0 |
| 27 | 16693 | 16694 | SN | 1 | -34.85 | 23.617 | 0.262 | -34.934 | 23.979 | 0.727 | -0.15 | 33.046 | 10.155 | 3.702 | 32.804 | 12.415 | 0.116 | 296.129 | 9.712 | 0.116 | 301.871 | 8.625 | 0.116 | 0.203 | 0.0 | 0.116 | 0.15 | 0.0 |
| 28 | 16693 | 16694 | SN | 2 | -34.85 | 23.617 | 0.262 | -34.934 | 23.979 | 0.727 | -0.15 | 33.046 | 10.155 | 3.702 | 32.804 | 12.415 | 0.116 | 296.129 | 9.712 | 0.116 | 301.871 | 8.625 | 0.116 | 0.203 | 0.0 | 0.116 | 0.15 | 0.0 |
| 29 | 16693 | 16694 | NS | 1 | -34.227 | 26.754 | 0.091 | -33.302 | 28.425 | 0.208 | 1.569 | 30.94 | 9.752 | 4.773 | 29.348 | 15.897 | 0.116 | 256.579 | 2.723 | 0.116 | 207.352 | 2.477 | 0.116 | 0.173 | 0.0 | 0.116 | 0.142 | 0.0 |
| 30 | 16694 | 16695 | SN | 1 | -33.729 | 22.658 | 0.004 | -34.718 | 23.41 | 0.222 | -11.178 | 28.603 | 13.818 | -6.387 | 29.468 | 15.307 | 0.116 | 228.769 | 2.412 | 0.116 | 287.248 | 2.403 | 0.116 | 1.362 | 0.005 | 0.116 | 0.516 | 0.0 |
| 31 | 16694 | 16695 | SN | 2 | -33.729 | 22.658 | 0.004 | -34.718 | 23.41 | 0.222 | -11.178 | 28.603 | 13.82 | -6.387 | 29.468 | 15.308 | 0.116 | 228.769 | 2.412 | 0.116 | 287.248 | 2.403 | 0.116 | 1.362 | 0.005 | 0.116 | 0.516 | 0.0 |
| 32 | 16694 | 16695 | NS | 1 | -34.982 | 24.124 | 0.032 | -34.374 | 23.881 | 0.032 | -0.301 | 29.157 | 15.589 | 1.007 | 30.736 | 31.174 | 0.116 | 305.224 | 6.57 | 0.116 | 265.366 | 5.66 | 0.116 | 0.207 | 0.0 | 0.116 | 0.182 | 0.0 |
| 33 | 16694 | 16695 | NS | 1 | -34.951 | 24.124 | 0.032 | -34.382 | 23.881 | 0.032 | -0.308 | 29.157 | 15.584 | 1.007 | 30.736 | 31.169 | 0.116 | 303.113 | 6.564 | 0.116 | 265.847 | 5.662 | 0.116 | 0.207 | 0.0 | 0.116 | 0.182 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|--------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 34 | 16695 | 16696 | NS | 1 | -34.346 | 28.261 | 0.059 | -34.707 | 27.668 | 0.031 | -12.555 | 31.703 | 12.67 | -16.311 | 29.82 | 23.227 | 0.116 | 263.7 | 7.03 | 0.116 | 286.54 | 5.69 | 0.116 | 1.836 | 0.003 | 0.116 | 4.234 | 0.017 |
| 35 | 16695 | 16696 | SN | 1 | -34.959 | 25.357 | 0.036 | -34.847 | 25.752 | 0.246 | -4.656 | 28.699 | 13.069 | -3.615 | 30.28 | 12.399 | 0.116 | 303.566 | 6.99 | 0.116 | 295.971 | 5.258 | 0.116 | 0.379 | 0.0 | 0.116 | 0.32 | 0.0 |
| 36 | 16695 | 16696 | NS | 1 | -34.993 | 28.256 | 0.059 | -34.903 | 27.664 | 0.031 | -12.547 | 31.703 | 12.833 | -16.155 | 29.82 | 23.273 | 0.116 | 305.99 | 7.032 | 0.116 | 299.708 | 5.689 | 0.116 | 1.832 | 0.003 | 0.116 | 4.088 | 0.015 |
| 37 | 16696 | 16697 | SN | 1 | -34.902 | 25.414 | 0.042 | -34.496 | 25.685 | 0.316 | -7.631 | 28.567 | 13.478 | -5.827 | 29.712 | 13.779 | 0.116 | 299.69 | 8.186 | 0.116 | 272.994 | 6.575 | 0.116 | 0.655 | 0.0 | 0.116 | 0.466 | 0.0 |
| 38 | 16696 | 16697 | NS | 1 | -34.402 | 28.776 | 0.121 | -34.488 | 24.166 | 0.331 | 2.886 | 29.093 | 14.126 | 6.228 | 32.592 | 21.528 | 0.116 | 267.127 | 3.456 | 0.116 | 272.51 | 3.034 | 0.116 | 0.157 | 0.0 | 0.116 | 0.134 | 0.0 |
| 39 | 16697 | 16698 | NS | 1 | -32.739 | 25.868 | 0.182 | -34.36 | 23.459 | 0.389 | -5.629 | 28.544 | 19.55 | -1.083 | 28.736 | 31.206 | 0.116 | 182.121 | 1.276 | 0.116 | 264.571 | 1.217 | 0.116 | 0.449 | 0.0 | 0.116 | 0.226 | 0.0 |
| 40 | 16697 | 16698 | SN | 1 | -34.996 | 23.541 | 0.091 | -34.951 | 23.601 | 0.694 | -25.254 | 30.089 | 12.491 | -21.641 | 30.875 | 12.447 | 0.116 | 306.231 | 3.59 | 0.116 | 303.059 | 3.26 | 0.116 | 32.576 | 0.015 | 0.116 | 14.228 | 0.012 |
| 41 | 16697 | 16698 | NS | 1 | -32.739 | 25.868 | 0.182 | -34.36 | 23.459 | 0.389 | -5.629 | 28.544 | 22.778 | -1.083 | 28.723 | 33.676 | 0.116 | 182.121 | 1.276 | 0.116 | 264.571 | 1.217 | 0.116 | 0.449 | 0.0 | 0.116 | 0.226 | 0.0 |
| 42 | 16698 | 16699 | NS | 1 | -34.996 | 23.795 | 0.45 | -34.328 | 24.97 | 0.664 | 9.818 | 28.448 | 11.218 | 10.498 | 28.592 | 28.629 | 0.116 | 306.254 | 2.061 | 0.116 | 262.603 | 1.767 | 0.116 | 0.124 | 0.0 | 0.116 | 0.122 | 0.0 |
| 43 | 16698 | 16699 | SN | 1 | -34.97 | 23.934 | 0.02 | -34.965 | 23.966 | 0.762 | -9.9 | 29.587 | 21.824 | -9.388 | 29.662 | 24.307 | 0.116 | 304.346 | 4.027 | 0.116 | 304.029 | 3.16 | 0.116 | 1.039 | 0.006 | 0.116 | 0.934 | 0.0 |
| 44 | 16698 | 16699 | NS | 1 | -34.728 | 23.795 | 0.45 | -34.055 | 24.97 | 0.663 | 9.818 | 28.448 | 21.456 | 10.498 | 28.592 | 32.3 | 0.116 | 287.911 | 2.057 | 0.116 | 246.618 | 1.774 | 0.116 | 0.124 | 0.0 | 0.116 | 0.122 | 0.0 |
| 45 | 16698 | 16699 | NS | 1 | -34.996 | 23.795 | 0.451 | -34.328 | 24.97 | 0.665 | 9.818 | 28.448 | 21.461 | 10.498 | 28.592 | 32.296 | 0.116 | 306.254 | 2.058 | 0.116 | 262.603 | 1.767 | 0.116 | 0.124 | 0.0 | 0.116 | 0.122 | 0.0 |
| 46 | 16699 | 16700 | SN | 1 | -34.125 | 22.967 | 0.05 | -34.996 | 24.211 | 0.675 | 6.982 | 28.994 | 37.059 | 7.901 | 30.028 | 50.41 | 0.116 | 250.637 | 2.645 | 0.116 | 306.229 | 2.074 | 0.116 | 0.131 | 0.0 | 0.116 | 0.128 | 0.0 |
| 47 | 16699 | 16700 | SN | 2 | -34.125 | 22.967 | 0.05 | -34.996 | 24.211 | 0.675 | 6.982 | 28.994 | 37.059 | 7.901 | 30.028 | 50.41 | 0.116 | 250.637 | 2.645 | 0.116 | 306.229 | 2.074 | 0.116 | 0.131 | 0.0 | 0.116 | 0.128 | 0.0 |
| 48 | 16699 | 16700 | NS | 1 | -34.148 | 26.259 | 0.341 | -34.985 | 24.222 | 0.178 | 7.068 | 28.658 | 26.076 | 7.601 | 28.858 | 35.987 | 0.116 | 251.939 | 1.53 | 0.116 | 305.432 | 1.457 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 49 | 16699 | 16700 | NS | 1 | -34.431 | 26.259 | 0.34 | -34.546 | 24.223 | 0.178 | 7.066 | 28.658 | 26.082 | 7.601 | 28.858 | 35.983 | 0.116 | 268.944 | 1.535 | 0.116 | 276.068 | 1.456 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |
| 50 | 16699 | 16700 | NS | 1 | -33.99 | 26.259 | 0.342 | -34.985 | 24.222 | 0.179 | 10.709 | 28.658 | 5.578 | 7.602 | 28.276 | 14.343 | 0.116 | 242.994 | 1.533 | 0.116 | 305.432 | 1.452 | 0.116 | 0.122 | 0.0 | 0.116 | 0.129 | 0.0 |
| 51 | 16700 | 16701 | SN | 1 | -33.83 | 21.402 | 0.0 | -33.338 | 22.843 | 0.013 | 7.005 | 27.843 | 10.235 | 10.252 | 28.694 | 10.399 | 0.116 | 234.146 | 1.988 | 0.116 | 209.025 | 1.622 | 0.116 | 0.131 | 0.0 | 0.116 | 0.123 | 0.0 |
| 52 | 16700 | 16701 | NS | 1 | -34.792 | 23.996 | 0.235 | -34.81 | 22.737 | 0.008 | 7.104 | 28.397 | 13.302 | 6.191 | 28.756 | 22.498 | 0.116 | 292.168 | 1.647 | 0.116 | 293.458 | 1.683 | 0.116 | 0.131 | 0.0 | 0.116 | 0.134 | 0.0 |
| 53 | 16700 | 16701 | NS | 1 | -34.792 | 23.996 | 0.246 | -34.81 | 22.734 | 0.008 | 7.144 | 27.286 | 3.7 | 6.198 | 25.784 | 7.09 | 0.116 | 292.168 | 1.746 | 0.116 | 293.458 | 1.693 | 0.116 | 0.131 | 0.0 | 0.116 | 0.134 | 0.0 |
| 54 | 16700 | 16701 | NS | 2 | -34.792 | 23.996 | 0.235 | -34.81 | 22.737 | 0.008 | 7.104 | 28.397 | 13.302 | 6.191 | 28.756 | 22.498 | 0.116 | 292.168 | 1.647 | 0.116 | 293.458 | 1.683 | 0.116 | 0.131 | 0.0 | 0.116 | 0.134 | 0.0 |
| 55 | 16700 | 16701 | SN | 1 | -33.83 | 24.005 | 0.13 | -33.107 | 24.437 | 0.993 | 7.005 | 28.654 | 11.19 | 10.252 | 28.867 | 10.742 | 0.116 | 234.146 | 1.932 | 0.116 | 198.251 | 1.483 | 0.116 | 0.131 | 0.0 | 0.116 | 0.123 | 0.0 |
| 56 | 16701 | 16702 | SN | 1 | -34.948 | 27.429 | 0.353 | -34.9 | 27.871 | 1.576 | -5.827 | 35.677 | 7.76 | -6.268 | 29.242 | 9.96 | 0.116 | 302.847 | 9.696 | 0.116 | 299.485 | 7.965 | 0.116 | 0.466 | 0.0 | 0.116 | 0.505 | 0.0 |
| 57 | 16701 | 16702 | SN | 1 | -34.677 | 27.429 | 0.133 | -34.765 | 27.871 | 1.511 | -5.824 | 35.679 | 7.765 | -6.268 | 29.243 | 9.906 | 0.116 | 284.523 | 10.242 | 0.116 | 290.378 | 8.401 | 0.116 | 0.465 | 0.0 | 0.116 | 0.505 | 0.0 |
| 58 | 16701 | 16702 | NS | 1 | -34.917 | 25.538 | 0.148 | -34.356 | 25.41 | 0.02 | 8.687 | 31.92 | 10.715 | 7.85 | 31.96 | 22.358 | 0.116 | 300.75 | 4.071 | 0.116 | 264.23 | 3.559 | 0.116 | 0.126 | 0.0 | 0.116 | 0.128 | 0.0 |
| 59 | 16702 | 16703 | SN | 1 | -34.58 | 23.462 | 0.139 | -34.711 | 23.829 | 0.513 | -11.919 | 30.612 | 7.371 | -4.43 | 29.336 | 3.696 | 0.116 | 278.207 | 6.391 | 0.116 | 286.811 | 5.441 | 0.116 | 1.598 | 0.002 | 0.116 | 0.365 | 0.0 |
| 60 | 16702 | 16703 | SN | 1 | -34.58 | 23.462 | 0.098 | -34.711 | 23.829 | 0.522 | -11.919 | 30.612 | 7.371 | -4.43 | 29.336 | 3.696 | 0.116 | 278.207 | 6.51 | 0.116 | 286.811 | 5.536 | 0.116 | 1.598 | 0.002 | 0.116 | 0.365 | 0.0 |
| 61 | 16702 | 16703 | NS | 1 | -34.807 | 24.653 | 0.061 | -34.085 | 25.817 | 0.031 | -9.893 | 30.877 | 6.638 | -8.46 | 29.548 | 16.865 | 0.116 | 293.226 | 1.94 | 0.116 | 248.249 | 1.746 | 0.116 | 1.037 | 0.002 | 0.116 | 0.772 | 0.0 |
| 62 | 16703 | 16704 | SN | 1 | -34.461 | 21.572 | 0.0 | -34.456 | 22.586 | 0.006 | 6.787 | 27.305 | 11.748 | 7.525 | 27.303 | 7.399 | 0.116 | 270.766 | 1.638 | 0.116 | 270.433 | 1.443 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 63 | 16703 | 16704 | SN | 2 | -34.461 | 21.572 | 0.0 | -34.456 | 22.586 | 0.006 | 6.787 | 27.305 | 11.748 | 7.525 | 27.303 | 7.399 | 0.116 | 270.766 | 1.638 | 0.116 | 270.433 | 1.443 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 64 | 16703 | 16704 | NS | 1 | -34.874 | 22.924 | 0.001 | -34.287 | 21.302 | 0.0 | -3.89 | 28.383 | 7.391 | -12.885 | 28.488 | 14.624 | 0.116 | 297.745 | 4.607 | 0.116 | 260.179 | 4.755 | 0.116 | 0.335 | 0.0 | 0.116 | 1.973 | 0.002 |
| 65 | 16703 | 16704 | NS | 1 | -34.874 | 22.924 | 0.001 | -34.287 | 21.302 | 0.0 | -3.89 | 28.382 | 7.394 | -12.885 | 28.488 | 14.561 | 0.116 | 297.745 | 4.611 | 0.116 | 260.179 | 4.756 | 0.116 | 0.335 | 0.0 | 0.116 | 1.973 | 0.002 |
| 66 | 16703 | 16704 | SN | 1 | -34.461 | 21.573 | 0.0 | -34.456 | 22.586 | 0.006 | 6.787 | 27.305 | 11.747 | 7.525 | 27.303 | 7.406 | 0.116 | 270.766 | 1.665 | 0.116 | 270.433 | 1.465 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 67 | 16704 | 16705 | SN | 2 | -34.79 | 21.907 | 0.0 | -34.632 | 22.325 | 0.005 | 5.882 | 27.207 | 9.33 | 5.676 | 28.154 | 7.0 | 0.116 | 292.084 | 1.641 | 0.116 | 281.599 | 1.272 | 0.116 | 0.136 | 0.0 | 0.116 | 0.137 | 0.0 |
| 68 | 16704 | 16705 | NS | 1 | -34.11 | 24.805 | 0.007 | -34.966 | 22.013 | 0.002 | -5.734 | 30.732 | 4.326 | -4.842 | 31.726 | 8.779 | 0.116 | 249.718 | 3.895 | 0.116 | 304.109 | 3.622 | 0.116 | 0.458 | 0.0 | 0.116 | 0.392 | 0.0 |
| 69 | 16704 | 16705 | NS | 1 | -33.614 | 24.805 | 0.007 | -34.547 | 22.013 | 0.002 | -5.734 | 30.73 | 4.336 | -4.842 | 31.726 | 8.789 | 0.116 | 222.837 | 3.9 | 0.116 | 276.162 | 3.617 | 0.116 | 0.458 | 0.0 | 0.116 | 0.392 | 0.0 |
| 70 | 16704 | 16705 | SN | 1 | -34.79 | 21.907 | 0.0 | -34.632 | 22.325 | 0.005 | 5.882 | 27.207 | 9.33 | 5.676 | 28.154 | 7.0 | 0.116 | 292.084 | 1.641 | 0.116 | 281.599 | 1.272 | 0.116 | 0.136 | 0.0 | 0.116 | 0.137 | 0.0 |
| 71 | 16704 | 16705 | SN | 1 | -34.79 | 21.907 | 0.0 | -34.632 | 22.322 | 0.005 | 5.882 | 27.207 | 9.34 | 5.676 | 26.598 | 7.079 | 0.116 | 292.084 | 1.681 | 0.116 | 281.599 | 1.296 | 0.116 | 0.136 | 0.0 | 0.116 | 0.137 | 0.0 |
| 72 | 16705 | 16706 | NS | 1 | -34.75 | 22.297 | 0.004 | -34.951 | 22.583 | 0.036 | -5.84 | 28.423 | 2.762 | -3.101 | 29.73 | 8.806 | 0.116 | 289.391 | 5.123 | 0.116 | 303.032 | 4.785 | 0.116 | 0.467 | 0.0 | 0.116 | 0.296 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73 | 16705 | 16706 | SN | 1 | -24.216 | 21.504 | 0.0 | -33.061 | 22.152 | 0.036 | 5.608 | 26.782 | 13.91 | 8.35 | 27.69 | 27.325 | 0.116 | 25.677 | 0.036 | 0.116 | 196.124 | 0.3 | 0.116 | 0.137 | 0.0 | 0.116 | 0.127 | 0.0 |
| 74 | 16705 | 16706 | SN | 1 | -34.925 | 21.691 | 0.0 | -34.761 | 22.652 | 0.012 | 5.596 | 27.149 | 12.082 | 7.898 | 28.162 | 16.228 | 0.116 | 301.21 | 2.879 | 0.116 | 290.039 | 1.946 | 0.116 | 0.137 | 0.0 | 0.116 | 0.128 | 0.0 |
| 75 | 16705 | 16706 | NS | 1 | -34.694 | 22.8 | 0.005 | -34.184 | 22.583 | 0.033 | -5.832 | 28.422 | 4.082 | -4.67 | 29.73 | 10.356 | 0.116 | 285.667 | 4.452 | 0.116 | 253.984 | 4.048 | 0.116 | 0.466 | 0.0 | 0.116 | 0.38 | 0.0 |
| 76 | 16706 | 16707 | SN | 1 | -33.209 | 23.096 | 0.055 | -34.304 | 23.821 | 0.174 | 5.286 | 27.371 | 11.629 | 7.347 | 27.839 | 11.098 | 0.116 | 202.976 | 1.658 | 0.116 | 261.129 | 1.26 | 0.116 | 0.139 | 0.0 | 0.116 | 0.13 | 0.0 |
| 77 | 16706 | 16707 | NS | 1 | -34.196 | 22.897 | 0.031 | -34.762 | 23.908 | 0.075 | -9.899 | 30.416 | 6.058 | -7.66 | 31.503 | 11.252 | 0.116 | 254.737 | 3.691 | 0.116 | 290.188 | 3.519 | 0.116 | 1.038 | 0.002 | 0.116 | 0.659 | 0.0 |
| 78 | 16706 | 16707 | SN | 1 | -33.209 | 23.096 | 0.053 | -34.304 | 23.821 | 0.198 | 5.286 | 27.371 | 10.927 | 7.347 | 27.839 | 10.985 | 0.116 | 202.976 | 1.593 | 0.116 | 261.129 | 1.215 | 0.116 | 0.139 | 0.0 | 0.116 | 0.13 | 0.0 |
| 79 | 16706 | 16707 | NS | 2 | -34.198 | 22.897 | 0.031 | -34.762 | 23.908 | 0.075 | -9.899 | 30.416 | 6.058 | -7.66 | 31.503 | 11.252 | 0.116 | 254.858 | 3.691 | 0.116 | 290.188 | 3.52 | 0.116 | 1.038 | 0.002 | 0.116 | 0.659 | 0.0 |
| 80 | 16706 | 16707 | SN | 1 | -34.156 | 23.096 | 0.053 | -34.688 | 23.821 | 0.198 | 5.286 | 27.371 | 10.927 | 7.347 | 27.839 | 10.985 | 0.116 | 252.342 | 1.594 | 0.116 | 285.274 | 1.215 | 0.116 | 0.139 | 0.0 | 0.116 | 0.13 | 0.0 |
| 81 | 16707 | 16708 | SN | 1 | -34.877 | 23.422 | 0.113 | -34.654 | 24.025 | 0.526 | 4.286 | 31.991 | 9.025 | 6.318 | 33.581 | 10.428 | 0.116 | 297.94 | 7.267 | 0.116 | 283.012 | 5.619 | 0.116 | 0.145 | 0.0 | 0.116 | 0.134 | 0.0 |
| 82 | 16707 | 16708 | NS | 2 | -34.575 | 27.107 | 0.078 | -34.349 | 27.478 | 0.252 | 7.313 | 27.033 | 9.971 | 7.598 | 29.424 | 19.084 | 0.116 | 277.963 | 2.257 | 0.116 | 263.893 | 2.213 | 0.116 | 0.13 | 0.0 | 0.116 | 0.129 | 0.0 |
| 83 | 16707 | 16708 | SN | 1 | -34.651 | 23.422 | 0.106 | -34.7 | 24.025 | 0.61 | 4.286 | 31.991 | 8.636 | 6.318 | 33.581 | 10.454 | 0.116 | 282.869 | 6.777 | 0.116 | 286.084 | 5.247 | 0.116 | 0.145 | 0.0 | 0.116 | 0.134 | 0.0 |
| 84 | 16707 | 16708 | SN | 1 | -34.877 | 23.422 | 0.106 | -34.654 | 24.025 | 0.611 | 4.286 | 31.991 | 8.656 | 6.318 | 33.581 | 10.48 | 0.116 | 297.94 | 6.774 | 0.116 | 283.012 | 5.243 | 0.116 | 0.145 | 0.0 | 0.116 | 0.134 | 0.0 |
| 85 | 16707 | 16708 | NS | 1 | -34.894 | 27.107 | 0.078 | -34.349 | 27.478 | 0.252 | 7.313 | 27.033 | 9.978 | 7.598 | 29.424 | 19.083 | 0.116 | 299.164 | 2.257 | 0.116 | 263.893 | 2.214 | 0.116 | 0.13 | 0.0 | 0.116 | 0.129 | 0.0 |
| 86 | 16708 | 16709 | SN | 1 | -34.869 | 23.193 | 0.007 | -34.674 | 23.623 | 0.009 | -4.198 | 31.46 | 11.304 | -2.32 | 30.493 | 12.951 | 0.116 | 297.365 | 3.577 | 0.116 | 284.39 | 3.023 | 0.116 | 0.352 | 0.0 | 0.116 | 0.265 | 0.0 |
| 87 | 16708 | 16709 | NS | 1 | -34.399 | 23.747 | 0.027 | -34.965 | 24.134 | 0.124 | 0.958 | 30.852 | 13.036 | 3.667 | 29.788 | 22.732 | 0.116 | 266.878 | 4.338 | 0.116 | 304.081 | 3.539 | 0.116 | 0.182 | 0.0 | 0.116 | 0.15 | 0.0 |
| 88 | 16708 | 16709 | SN | 1 | -34.869 | 23.193 | 0.006 | -34.674 | 23.623 | 0.22 | -4.198 | 31.46 | 10.595 | -2.32 | 30.493 | 12.902 | 0.116 | 297.365 | 3.82 | 0.116 | 284.39 | 3.125 | 0.116 | 0.352 | 0.0 | 0.116 | 0.265 | 0.0 |
| 89 | 16708 | 16709 | SN | 2 | -34.869 | 23.193 | 0.006 | -34.674 | 23.623 | 0.22 | -4.198 | 31.46 | 10.595 | -2.32 | 30.493 | 12.902 | 0.116 | 297.365 | 3.82 | 0.116 | 284.39 | 3.125 | 0.116 | 0.352 | 0.0 | 0.116 | 0.265 | 0.0 |
| 90 | 16708 | 16709 | NS | 1 | -34.161 | 23.747 | 0.027 | -34.965 | 24.134 | 0.119 | 0.958 | 30.852 | 13.034 | 3.667 | 29.788 | 22.731 | 0.116 | 252.664 | 4.346 | 0.116 | 304.081 | 3.545 | 0.116 | 0.182 | 0.0 | 0.116 | 0.15 | 0.0 |
| 91 | 16709 | 16710 | SN | 1 | -34.663 | 24.628 | 0.015 | -33.673 | 24.276 | 0.281 | -11.533 | 29.002 | 14.025 | -2.182 | 29.382 | 13.589 | 0.116 | 283.625 | 4.405 | 0.116 | 225.876 | 3.461 | 0.116 | 1.47 | 0.002 | 0.116 | 0.26 | 0.0 |
| 92 | 16709 | 16710 | NS | 1 | -34.945 | 28.375 | 0.054 | -34.594 | 27.913 | 0.102 | -3.281 | 29.466 | 21.401 | -24.664 | 30.226 | 34.181 | 0.116 | 302.622 | 7.515 | 0.116 | 279.128 | 6.553 | 0.116 | 0.304 | 0.0 | 0.116 | 28.446 | 0.018 |
| 93 | 16709 | 16710 | SN | 2 | -34.663 | 24.628 | 0.015 | -33.673 | 24.276 | 0.281 | -11.533 | 29.002 | 14.025 | -2.182 | 29.382 | 13.589 | 0.116 | 283.625 | 4.405 | 0.116 | 225.876 | 3.461 | 0.116 | 1.47 | 0.002 | 0.116 | 0.26 | 0.0 |
| 94 | 16709 | 16710 | NS | 1 | -34.945 | 28.375 | 0.054 | -34.594 | 27.913 | 0.103 | -3.281 | 29.466 | 21.401 | -24.664 | 30.226 | 34.184 | 0.116 | 302.622 | 7.526 | 0.116 | 279.128 | 6.563 | 0.116 | 0.304 | 0.0 | 0.116 | 28.446 | 0.018 |
| 95 | 16710 | 16711 | NS | 1 | -34.931 | 28.946 | 0.067 | -34.591 | 25.854 | 0.048 | -1.527 | 35.798 | 11.632 | -19.251 | 34.908 | 20.668 | 0.116 | 301.644 | 2.84 | 0.116 | 278.948 | 2.218 | 0.116 | 0.238 | 0.0 | 0.116 | 8.244 | 0.009 |
| 96 | 16710 | 16711 | SN | 1 | -34.696 | 25.452 | 0.015 | -32.464 | 26.158 | 0.266 | -11.218 | 29.372 | 13.945 | -8.844 | 29.508 | 13.915 | 0.116 | 285.768 | 4.781 | 0.116 | 170.952 | 2.239 | 0.116 | 1.374 | 0.002 | 0.116 | 0.835 | 0.0 |
| 97 | 16710 | 16711 | NS | 1 | -34.897 | 28.946 | 0.067 | -34.405 | 25.854 | 0.048 | -1.527 | 35.798 | 11.635 | -19.251 | 34.908 | 20.671 | 0.116 | 299.326 | 2.841 | 0.116 | 267.263 | 2.221 | 0.116 | 0.238 | 0.0 | 0.116 | 8.244 | 0.009 |
| 98 | 16711 | 16712 | NS | 1 | -34.451 | 28.129 | 0.14 | -34.765 | 27.336 | 0.315 | -4.314 | 28.448 | 17.587 | -5.382 | 29.491 | 24.852 | 0.116 | 270.163 | 2.535 | 0.116 | 290.406 | 2.717 | 0.116 | 0.358 | 0.0 | 0.116 | 0.43 | 0.0 |
| 99 | 16711 | 16712 | NS | 1 | -34.451 | 28.129 | 0.14 | -34.765 | 27.336 | 0.315 | -4.314 | 28.448 | 16.674 | -5.382 | 29.491 | 23.839 | 0.116 | 270.163 | 2.535 | 0.116 | 290.406 | 2.717 | 0.116 | 0.358 | 0.0 | 0.116 | 0.43 | 0.0 |
| 100 | 16711 | 16712 | SN | 1 | -34.916 | 23.134 | 0.108 | -34.919 | 23.895 | 0.539 | -28.627 | 28.525 | 12.141 | -15.98 | 29.707 | 10.843 | 0.116 | 300.556 | 4.609 | 0.116 | 300.808 | 3.98 | 0.116 | 70.727 | 0.042 | 0.116 | 3.93 | 0.013 |
| 101 | 16712 | 16713 | SN | 1 | -34.02 | 23.493 | 0.025 | -34.475 | 23.85 | 0.857 | -5.267 | 29.738 | 14.706 | -4.65 | 29.649 | 16.608 | 0.116 | 244.59 | 2.904 | 0.116 | 271.555 | 3.205 | 0.116 | 0.421 | 0.0 | 0.116 | 0.379 | 0.0 |
| 102 | 16712 | 16713 | NS | 1 | -34.431 | 23.617 | 0.332 | -34.885 | 27.316 | 0.683 | 3.855 | 28.866 | 17.17 | 6.44 | 28.528 | 33.845 | 0.116 | 268.878 | 1.772 | 0.116 | 298.504 | 1.766 | 0.116 | 0.149 | 0.0 | 0.116 | 0.133 | 0.0 |
| 103 | 16712 | 16713 | NS | 1 | -34.431 | 23.617 | 0.334 | -34.885 | 27.316 | 0.684 | 3.855 | 28.866 | 23.951 | 6.44 | 28.51 | 35.051 | 0.116 | 268.878 | 1.773 | 0.116 | 298.504 | 1.765 | 0.116 | 0.149 | 0.0 | 0.116 | 0.133 | 0.0 |
| 104 | 16712 | 16713 | SN | 1 | -32.165 | 23.499 | 0.004 | -33.992 | 22.75 | 0.002 | -5.267 | 29.734 | 11.745 | -4.65 | 29.483 | 12.093 | 0.116 | 159.592 | 2.827 | 0.116 | 243.012 | 2.864 | 0.116 | 0.421 | 0.0 | 0.116 | 0.379 | 0.0 |
| 105 | 16713 | 16714 | SN | 1 | -34.762 | 23.213 | 0.032 | -34.872 | 24.034 | 0.682 | -4.828 | 29.768 | 33.136 | -5.397 | 30.021 | 42.041 | 0.116 | 290.244 | 4.681 | 0.116 | 297.646 | 3.786 | 0.116 | 0.39 | 0.0 | 0.116 | 0.431 | 0.0 |
| 106 | 16713 | 16714 | NS | 1 | -34.937 | 28.28 | 0.41 | -34.297 | 25.164 | 0.373 | 8.104 | 28.7 | 24.555 | 8.732 | 28.422 | 34.546 | 0.116 | 302.082 | 2.074 | 0.116 | 260.723 | 1.945 | 0.116 | 0.128 | 0.0 | 0.116 | 0.126 | 0.0 |
| 107 | 16713 | 16714 | SN | 1 | -34.563 | 21.917 | 0.0 | -34.872 | 22.887 | 0.01 | -4.828 | 27.328 | 21.32 | -5.397 | 29.983 | 32.963 | 0.116 | 277.154 | 4.716 | 0.116 | 297.646 | 4.043 | 0.116 | 0.39 | 0.0 | 0.116 | 0.431 | 0.0 |
| 108 | 16714 | 16715 | SN | 1 | -31.872 | 20.978 | 0.0 | -34.549 | 21.555 | 0.0 | 1.54 | 29.758 | 23.721 | 8.622 | 29.93 | 29.522 | 0.116 | 149.231 | 1.124 | 0.116 | 276.277 | 0.958 | 0.116 | 0.174 | 0.0 | 0.116 | 0.126 | 0.0 |
| 109 | 16714 | 16715 | NS | 1 | -33.539 | 24.014 | 0.269 | -32.886 | 23.447 | 0.017 | 6.642 | 28.824 | 17.052 | 8.226 | 28.957 | 26.394 | 0.116 | 218.968 | 1.099 | 0.116 | 188.434 | 1.029 | 0.116 | 0.133 | 0.0 | 0.116 | 0.127 | 0.0 |
| 110 | 16714 | 16715 | NS | 1 | -33.805 | 24.014 | 0.27 | -32.886 | 23.45 | 0.017 | 7.556 | 27.88 | 2.769 | 8.233 | 28.756 | 2.86 | 0.116 | 232.761 | 1.128 | 0.116 | 188.434 | 1.032 | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0 |
| 111 | 16714 | 16715 | SN | 1 | -31.872 | 23.046 | 0.068 | -34.549 | 24.403 | 0.794 | 1.597 | 29.724 | 27.107 | 8.622 | 29.93 | 32.307 | 0.116 | 149.231 | 1.095 | 0.116 | 276.277 | 0.893 | 0.116 | 0.173 | 0.0 | 0.116 | 0.126 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|-------|--------|--------|-------|-------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 16715 | 16716 | NS | 1 | -34.133 | 24.178 | 0.237 | -33.938 | 24.13 | 0.027 | 3.128 | 28.795 | 10.305 | 4.219 | 31.05 | 18.704 | 0.116 | 250.999 | 6.102 | 0.116 | 240.019 | 5.597 | 0.116 | 0.155 | 0.0 | 0.116 | 0.146 | 0.0 |
| 113 | 16715 | 16716 | NS | 1 | -34.988 | 24.178 | 0.235 | -34.928 | 24.129 | 0.027 | 3.127 | 28.795 | 10.313 | 4.219 | 31.05 | 18.753 | 0.116 | 305.723 | 6.098 | 0.116 | 301.43 | 5.6 | 0.116 | 0.155 | 0.0 | 0.116 | 0.146 | 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 | 16686 | 16687 | SN | 1 | 57.58 | 58.279 | 0.0 | 0.0 | 296.183 | 4.032 | 1220.72 | 1267.84 | 0.0 | -93.128 | -92.132 | 0.0 |
| 2 | 16686 | 16687 | SN | 1 | 57.592 | 58.282 | 0.0 | 0.0 | 298.908 | 4.032 | 1220.6 | 1267.92 | 0.0 | -93.129 | -92.132 | 0.0 |
| 3 | 16687 | 16688 | SN | 1 | 57.609 | 58.273 | 0.0 | 0.0 | 290.933 | 3.844 | 1220.368 | 1267.848 | 0.0 | -93.244 | -92.119 | 0.0 |
| 4 | 16687 | 16688 | NS | 1 | 57.498 | 58.134 | 0.0 | 0.0 | 299.492 | 3.882 | 1208.136 | 1265.624 | 3.785 | -93.107 | -92.01 | 0.0 |
| 5 | 16688 | 16689 | NS | 1 | 57.482 | 58.119 | 0.0 | 0.0 | 287.006 | 3.607 | 1207.696 | 1265.856 | 3.513 | -93.136 | -91.978 | 0.0 |
| 6 | 16688 | 16689 | SN | 1 | 57.582 | 58.293 | 0.0 | 0.003 | 287.811 | 3.712 | 1219.672 | 1268.024 | 0.0 | -93.212 | -92.151 | 0.0 |
| 7 | 16688 | 16689 | NS | 1 | 57.481 | 58.137 | 0.0 | 0.0 | 287.045 | 3.61 | 1207.664 | 1265.88 | 3.513 | -93.195 | -91.978 | 0.0 |
| 8 | 16688 | 16689 | SN | 1 | 57.582 | 58.293 | 0.0 | 0.003 | 287.811 | 3.333 | 1219.672 | 1268.024 | 0.0 | -93.212 | -92.151 | 0.0 |
| 9 | 16689 | 16690 | SN | 1 | 57.589 | 58.258 | 0.0 | 0.0 | 284.894 | 3.715 | 1220.024 | 1267.928 | 0.0 | -93.173 | -92.15 | 0.0 |
| 10 | 16689 | 16690 | NS | 1 | 57.488 | 58.119 | 0.0 | 0.0 | 291.948 | 3.784 | 1207.696 | 1265.848 | 3.391 | -93.06 | -92.029 | 0.0 |
| 11 | 16689 | 16690 | SN | 2 | 57.589 | 58.258 | 0.0 | 0.0 | 284.894 | 3.716 | 1220.024 | 1267.928 | 0.0 | -93.173 | -92.15 | 0.0 |
| 12 | 16689 | 16690 | NS | 1 | 57.481 | 58.127 | 0.0 | 0.0 | 291.948 | 3.788 | 1207.528 | 1265.848 | 3.363 | -93.12 | -92.029 | 0.0 |
| 13 | 16690 | 16691 | SN | 1 | 57.604 | 58.256 | 0.0 | 0.0 | 299.983 | 3.711 | 1219.712 | 1267.776 | 0.0 | -93.114 | -92.15 | 0.0 |
| 14 | 16690 | 16691 | NS | 1 | 57.501 | 58.119 | 0.0 | 0.0 | 297.645 | 3.758 | 1208.512 | 1265.704 | 3.192 | -93.08 | -91.994 | 0.0 |
| 15 | 16690 | 16691 | NS | 1 | 57.5 | 58.118 | 0.0 | 0.0 | 297.689 | 3.77 | 1208.488 | 1265.72 | 3.22 | -93.05 | -91.994 | 0.0 |
| 16 | 16690 | 16691 | SN | 1 | 57.604 | 58.256 | 0.0 | 0.0 | 299.983 | 3.714 | 1219.712 | 1267.776 | 0.0 | -93.114 | -92.15 | 0.0 |
| 17 | 16691 | 16692 | SN | 1 | 57.574 | 58.283 | 0.0 | 0.0 | 282.914 | 3.685 | 1220.488 | 1267.712 | 0.0 | -93.186 | -92.148 | 0.0 |
| 18 | 16691 | 16692 | NS | 1 | 57.48 | 58.118 | 0.0 | 0.0 | 298.808 | 3.991 | 1208.08 | 1265.584 | 3.391 | -93.103 | -92.012 | 0.0 |
| 19 | 16691 | 16692 | SN | 1 | 57.59 | 58.283 | 0.0 | 0.0 | 282.914 | 3.68 | 1220.528 | 1267.712 | 0.0 | -93.186 | -92.148 | 0.0 |
| 20 | 16692 | 16693 | NS | 2 | 57.48 | 58.116 | 0.0 | 0.0 | 297.942 | 3.782 | 1207.472 | 1265.536 | 3.707 | -93.059 | -92.027 | 0.0 |
| 21 | 16692 | 16693 | NS | 1 | 57.482 | 58.119 | 0.0 | 0.0 | 297.998 | 3.781 | 1207.528 | 1265.488 | 3.611 | -93.144 | -92.027 | 0.0 |
| 22 | 16692 | 16693 | SN | 1 | 57.372 | 58.299 | 0.0 | 0.0 | 294.54 | 3.9 | 1220.696 | 1267.712 | 0.0 | -95.555 | -92.143 | 0.0 |
| 23 | 16692 | 16693 | SN | 2 | 57.372 | 58.299 | 0.0 | 0.0 | 294.54 | 3.9 | 1220.696 | 1267.712 | 0.0 | -95.555 | -92.143 | 0.0 |
| 24 | 16692 | 16693 | SN | 1 | 57.605 | 58.277 | 0.0 | 0.0 | 291.975 | 3.015 | 1220.696 | 1267.712 | 0.0 | -93.197 | -92.143 | 0.0 |
| 25 | 16693 | 16694 | NS | 1 | 57.471 | 58.133 | 0.0 | 0.0 | 285.567 | 3.767 | 1207.288 | 1265.744 | 4.343 | -93.164 | -92.026 | 0.0 |
| 26 | 16693 | 16694 | SN | 1 | 57.594 | 58.293 | 0.0 | 0.0 | 286.824 | 2.653 | 1220.936 | 1267.96 | 0.0 | -93.202 | -92.136 | 0.0 |
| 27 | 16693 | 16694 | SN | 1 | 57.458 | 58.293 | 0.0 | 0.0 | 286.824 | 3.916 | 1220.936 | 1267.96 | 0.0 | -94.143 | -92.136 | 0.0 |
| 28 | 16693 | 16694 | SN | 2 | 57.458 | 58.293 | 0.0 | 0.0 | 286.824 | 3.916 | 1220.936 | 1267.96 | 0.0 | -94.143 | -92.136 | 0.0 |
| 29 | 16693 | 16694 | NS | 1 | 57.47 | 58.145 | 0.0 | 0.0 | 285.567 | 3.771 | 1207.352 | 1265.744 | 4.319 | -93.158 | -92.026 | 0.0 |
| 30 | 16694 | 16695 | SN | 1 | 57.378 | 58.276 | 0.0 | 0.003 | 285.126 | 3.793 | 1220.432 | 1268.024 | 0.0 | -94.961 | -92.096 | 0.0 |
| 31 | 16694 | 16695 | SN | 2 | 57.378 | 58.276 | 0.0 | 0.003 | 285.076 | 3.788 | 1220.448 | 1268.024 | 0.0 | -94.961 | -92.096 | 0.0 |
| 32 | 16694 | 16695 | NS | 1 | 57.497 | 58.141 | 0.0 | 0.0 | 297.082 | 3.836 | 1207.28 | 1265.832 | 4.261 | -93.08 | -91.999 | 0.0 |
| 33 | 16694 | 16695 | NS | 1 | 57.497 | 58.142 | 0.0 | 0.0 | 297.082 | 3.833 | 1207.28 | 1265.832 | 4.284 | -93.192 | -91.999 | 0.0 |
| 34 | 16695 | 16696 | NS | 1 | 57.472 | 58.118 | 0.0 | 0.0 | 299.001 | 4.103 | 1207.376 | 1265.744 | 3.86 | -93.103 | -91.997 | 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 | 16695 | 16696 | SN | 1 | 57.604 | 58.283 | 0.0 | 0.0 | 299.514 | 3.732 | 1220.184 | 1268.008 | 0.0 | -93.173 | -92.142 | 0.0 |
| 36 | 16695 | 16696 | NS | 1 | 57.47 | 58.118 | 0.0 | 0.0 | 299.001 | 4.118 | 1207.408 | 1265.744 | 3.858 | -93.318 | -91.997 | 0.0 |
| 37 | 16696 | 16697 | SN | 1 | 57.569 | 58.298 | 0.0 | 0.0 | 299.316 | 3.864 | 1220.92 | 1267.96 | 0.0 | -93.174 | -92.12 | 0.0 |
| 38 | 16696 | 16697 | NS | 1 | 57.468 | 58.12 | 0.0 | 0.0 | 299.525 | 3.802 | 1207.768 | 1265.736 | 4.184 | -93.088 | -92.026 | 0.0 |
| 39 | 16697 | 16698 | NS | 1 | 57.467 | 58.142 | 0.0 | 0.003 | 274.465 | 3.249 | 1207.296 | 1264.632 | 4.544 | -93.061 | -92.025 | 0.0 |
| 40 | 16697 | 16698 | SN | 1 | 57.591 | 58.26 | 0.0 | 0.0 | 296.917 | 3.843 | 1220.448 | 1268.064 | 0.0 | -93.156 | -92.124 | 0.0 |
| 41 | 16697 | 16698 | NS | 1 | 57.467 | 58.142 | 0.0 | 0.0 | 299.018 | 3.771 | 1207.296 | 1265.76 | 4.465 | -93.138 | -92.025 | 0.0 |
| 42 | 16698 | 16699 | NS | 1 | 57.461 | 58.129 | 0.0 | 0.0 | 290.867 | 2.979 | 1207.784 | 1263.424 | 5.222 | -93.165 | -92.023 | 0.0 |
| 43 | 16698 | 16699 | SN | 1 | 57.578 | 58.27 | 0.0 | 0.0 | 292.124 | 3.759 | 1220.68 | 1268.128 | 0.0 | -93.155 | -92.141 | 0.0 |
| 44 | 16698 | 16699 | NS | 1 | 57.461 | 58.143 | 0.0 | 0.0 | 299.382 | 3.752 | 1207.784 | 1265.808 | 4.965 | -93.149 | -92.023 | 0.0 |
| 45 | 16698 | 16699 | NS | 1 | 57.461 | 58.129 | 0.0 | 0.0 | 299.382 | 3.755 | 1207.784 | 1265.808 | 4.97 | -93.138 | -92.023 | 0.0 |
| 46 | 16699 | 16700 | SN | 1 | 57.585 | 58.275 | 0.0 | 0.0 | 285.252 | 3.768 | 1220.888 | 1268.28 | 0.0 | -93.17 | -92.156 | 0.0 |
| 47 | 16699 | 16700 | SN | 2 | 57.585 | 58.275 | 0.0 | 0.0 | 285.252 | 3.768 | 1220.888 | 1268.28 | 0.0 | -93.17 | -92.156 | 0.0 |
| 48 | 16699 | 16700 | NS | 1 | 57.461 | 58.146 | 0.0 | 0.0 | 289.444 | 3.903 | 1207.008 | 1265.936 | 5.347 | -93.161 | -92.021 | 0.0 |
| 49 | 16699 | 16700 | NS | 1 | 57.474 | 58.146 | 0.0 | 0.0 | 289.444 | 3.899 | 1207.008 | 1265.928 | 5.342 | -93.236 | -92.021 | 0.0 |
| 50 | 16699 | 16700 | NS | 1 | 57.461 | 58.146 | 0.0 | 0.0 | 288.506 | 2.491 | 1207.008 | 1261.72 | 5.881 | -93.171 | -92.021 | 0.0 |
| 51 | 16700 | 16701 | SN | 1 | 57.611 | 58.266 | 0.0 | 0.0 | 283.741 | 2.899 | 1220.768 | 1268.368 | 0.0 | -93.135 | -92.156 | 0.0 |
| 52 | 16700 | 16701 | NS | 1 | 57.494 | 58.132 | 0.0 | 0.0 | 298.328 | 3.985 | 1207.072 | 1266.032 | 5.621 | -93.052 | -92.003 | 0.0 |
| 53 | 16700 | 16701 | NS | 1 | 57.494 | 58.118 | 0.0 | 0.0 | 298.328 | 2.307 | 1207.072 | 1257.656 | 6.636 | -93.022 | -92.003 | 0.0 |
| 54 | 16700 | 16701 | NS | 2 | 57.495 | 58.132 | 0.0 | 0.0 | 298.312 | 3.985 | 1207.088 | 1266.032 | 5.596 | -93.052 | -92.003 | 0.0 |
| 55 | 16700 | 16701 | SN | 1 | 57.611 | 58.266 | 0.0 | 0.0 | 283.741 | 4.018 | 1220.768 | 1268.368 | 0.0 | -93.135 | -92.156 | 0.0 |
| 56 | 16701 | 16702 | SN | 1 | 57.609 | 58.296 | 0.0 | 0.0 | 299.84 | 4.013 | 1220.536 | 1268.144 | 0.0 | -93.431 | -92.112 | 0.0 |
| 57 | 16701 | 16702 | SN | 1 | 57.6 | 58.296 | 0.0 | 0.0 | 284.833 | 3.593 | 1220.256 | 1268.144 | 0.0 | -93.431 | -92.112 | 0.0 |
| 58 | 16701 | 16702 | NS | 1 | 57.468 | 58.142 | 0.0 | 0.0 | 280.173 | 4.002 | 1207.064 | 1265.872 | 4.374 | -93.156 | -92.004 | 0.0 |
| 59 | 16702 | 16703 | SN | 1 | 57.583 | 58.26 | 0.0 | 0.0 | 298.549 | 3.75 | 1220.232 | 1268.352 | 0.0 | -93.159 | -92.13 | 0.0 |
| 60 | 16702 | 16703 | SN | 1 | 57.583 | 58.26 | 0.0 | 0.0 | 298.549 | 3.396 | 1220.232 | 1268.352 | 0.0 | -93.159 | -92.13 | 0.0 |
| 61 | 16702 | 16703 | NS | 1 | 57.496 | 58.124 | 0.0 | 0.0 | 282.329 | 3.646 | 1207.496 | 1266.136 | 3.953 | -93.142 | -91.995 | 0.0 |
| 62 | 16703 | 16704 | SN | 1 | 57.578 | 58.261 | 0.0 | 0.0 | 293.376 | 3.719 | 1220.376 | 1268.392 | 0.0 | -93.173 | -92.153 | 0.0 |
| 63 | 16703 | 16704 | SN | 2 | 57.578 | 58.261 | 0.0 | 0.0 | 293.376 | 3.72 | 1220.376 | 1268.392 | 0.0 | -93.173 | -92.153 | 0.0 |
| 64 | 16703 | 16704 | NS | 1 | 57.48 | 58.133 | 0.0 | 0.0 | 284.464 | 3.834 | 1207.16 | 1266.168 | 4.026 | -93.311 | -92.004 | 0.0 |
| 65 | 16703 | 16704 | NS | 1 | 57.48 | 58.133 | 0.0 | 0.0 | 284.464 | 3.824 | 1207.16 | 1266.168 | 4.03 | -93.311 | -92.004 | 0.0 |
| 66 | 16703 | 16704 | SN | 1 | 57.578 | 58.261 | 0.0 | 0.0 | 293.392 | 3.346 | 1220.376 | 1268.392 | 0.0 | -93.173 | -92.153 | 0.0 |
| 67 | 16704 | 16705 | SN | 2 | 57.576 | 58.289 | 0.0 | 0.003 | 288.252 | 3.732 | 1220.008 | 1268.24 | 0.0 | -93.19 | -92.124 | 0.0 |
| 68 | 16704 | 16705 | NS | 1 | 57.492 | 58.121 | 0.0 | 0.0 | 291.076 | 3.742 | 1207.752 | 1266.064 | 3.634 | -93.232 | -92.001 | 0.0 |
| 69 | 16704 | 16705 | NS | 1 | 57.498 | 58.12 | 0.0 | 0.0 | 291.071 | 3.747 | 1208.176 | 1266.096 | 3.676 | -93.276 | -92.001 | 0.0 |
| 70 | 16704 | 16705 | SN | 1 | 57.576 | 58.289 | 0.0 | 0.003 | 288.252 | 3.732 | 1220.008 | 1268.24 | 0.0 | -93.19 | -92.124 | 0.0 |
| 71 | 16704 | 16705 | SN | 1 | 57.576 | 58.289 | 0.0 | 0.003 | 288.252 | 3.32 | 1220.008 | 1268.24 | 0.0 | -93.19 | -92.124 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|--------|----------|----------|-------|---------|---------|-----|
| 72 | 16705 | 16706 | NS | 1 | 57.465 | 58.418 | 0.0 | 0.0 | 294.678 | 3.818 | 1208.176 | 1265.376 | 3.771 | -95.92 | -92.017 | 0.0 |
| 73 | 16705 | 16706 | SN | 1 | 57.395 | 58.347 | 0.0 | 0.0 | 280.261 | 15.376 | 1232.8 | 1268.16 | 0.0 | -95.764 | -92.225 | 0.0 |
| 74 | 16705 | 16706 | SN | 1 | 57.395 | 58.347 | 0.0 | 0.0 | 284.508 | 4.151 | 1220.424 | 1268.368 | 0.0 | -95.764 | -92.151 | 0.0 |
| 75 | 16705 | 16706 | NS | 1 | 57.469 | 58.419 | 0.0 | 0.0 | 294.6 | 4.335 | 1208.208 | 1265.984 | 4.207 | -95.918 | -92.016 | 0.0 |
| 76 | 16706 | 16707 | SN | 1 | 57.58 | 58.281 | 0.0 | 0.003 | 282.644 | 3.06 | 1220.704 | 1268.104 | 0.0 | -93.376 | -92.151 | 0.0 |
| 77 | 16706 | 16707 | NS | 1 | 57.499 | 58.122 | 0.0 | 0.003 | 278.601 | 3.841 | 1207.88 | 1265.84 | 4.244 | -93.167 | -92.021 | 0.0 |
| 78 | 16706 | 16707 | SN | 1 | 57.563 | 58.281 | 0.0 | 0.0 | 282.644 | 3.767 | 1220.704 | 1268.104 | 0.0 | -93.938 | -92.151 | 0.0 |
| 79 | 16706 | 16707 | NS | 2 | 57.496 | 58.12 | 0.0 | 0.0 | 298.527 | 3.841 | 1207.856 | 1265.896 | 4.331 | -93.167 | -92.021 | 0.0 |
| 80 | 16706 | 16707 | SN | 1 | 57.578 | 58.281 | 0.0 | 0.0 | 282.644 | 3.763 | 1220.28 | 1268.104 | 0.0 | -93.938 | -92.151 | 0.0 |
| 81 | 16707 | 16708 | SN | 1 | 57.577 | 58.284 | 0.0 | 0.0 | 298.847 | 2.824 | 1220.248 | 1268.224 | 0.0 | -93.195 | -92.135 | 0.0 |
| 82 | 16707 | 16708 | NS | 2 | 57.462 | 58.133 | 0.0 | 0.0 | 299.178 | 3.904 | 1207.48 | 1265.976 | 4.728 | -93.905 | -92.023 | 0.0 |
| 83 | 16707 | 16708 | SN | 1 | 57.538 | 58.284 | 0.0 | 0.0 | 298.847 | 3.853 | 1220.28 | 1268.224 | 0.0 | -93.642 | -92.135 | 0.0 |
| 84 | 16707 | 16708 | SN | 1 | 57.537 | 58.284 | 0.0 | 0.0 | 298.847 | 3.857 | 1220.248 | 1268.224 | 0.0 | -93.642 | -92.135 | 0.0 |
| 85 | 16707 | 16708 | NS | 1 | 57.473 | 58.154 | 0.0 | 0.0 | 299.183 | 3.907 | 1207.32 | 1265.896 | 4.599 | -93.906 | -92.023 | 0.0 |
| 86 | 16708 | 16709 | SN | 1 | 57.606 | 58.274 | 0.0 | 0.0 | 298.483 | 2.51 | 1220.352 | 1268.432 | 0.0 | -93.183 | -92.117 | 0.0 |
| 87 | 16708 | 16709 | NS | 1 | 57.497 | 58.13 | 0.0 | 0.0 | 283.67 | 3.779 | 1207.032 | 1265.92 | 4.836 | -93.205 | -92.02 | 0.0 |
| 88 | 16708 | 16709 | SN | 1 | 57.606 | 58.274 | 0.0 | 0.0 | 298.483 | 3.891 | 1220.352 | 1268.432 | 0.0 | -93.183 | -92.117 | 0.0 |
| 89 | 16708 | 16709 | SN | 2 | 57.606 | 58.274 | 0.0 | 0.0 | 298.483 | 3.891 | 1220.352 | 1268.432 | 0.0 | -93.183 | -92.117 | 0.0 |
| 90 | 16708 | 16709 | NS | 1 | 57.494 | 58.118 | 0.0 | 0.0 | 283.741 | 3.778 | 1206.952 | 1266.0 | 4.969 | -93.133 | -92.02 | 0.0 |
| 91 | 16709 | 16710 | SN | 1 | 57.604 | 58.294 | 0.0 | 0.003 | 289.03 | 3.727 | 1220.232 | 1268.424 | 0.0 | -93.199 | -92.102 | 0.0 |
| 92 | 16709 | 16710 | NS | 1 | 57.477 | 58.118 | 0.0 | 0.0 | 296.42 | 4.041 | 1207.48 | 1266.104 | 4.385 | -93.181 | -91.984 | 0.0 |
| 93 | 16709 | 16710 | SN | 2 | 57.604 | 58.294 | 0.0 | 0.003 | 289.03 | 3.727 | 1220.232 | 1268.424 | 0.0 | -93.199 | -92.102 | 0.0 |
| 94 | 16709 | 16710 | NS | 1 | 57.477 | 58.118 | 0.0 | 0.0 | 296.42 | 4.045 | 1207.48 | 1266.104 | 4.39 | -93.181 | -91.984 | 0.0 |
| 95 | 16710 | 16711 | NS | 1 | 57.487 | 58.152 | 0.0 | 0.0 | 292.047 | 3.827 | 1207.096 | 1265.912 | 4.593 | -93.168 | -91.998 | 0.0 |
| 96 | 16710 | 16711 | SN | 1 | 57.601 | 58.268 | 0.0 | 0.0 | 286.582 | 3.794 | 1220.872 | 1268.336 | 0.0 | -93.175 | -92.141 | 0.0 |
| 97 | 16710 | 16711 | NS | 1 | 57.487 | 58.119 | 0.0 | 0.0 | 292.047 | 3.831 | 1207.096 | 1265.912 | 4.597 | -93.121 | -91.998 | 0.0 |
| 98 | 16711 | 16712 | NS | 1 | 57.463 | 58.147 | 0.0 | 0.0 | 298.659 | 3.865 | 1207.064 | 1266.04 | 4.873 | -93.876 | -92.024 | 0.0 |
| 99 | 16711 | 16712 | NS | 1 | 57.463 | 58.147 | 0.0 | 0.0 | 298.659 | 3.605 | 1207.064 | 1265.776 | 4.902 | -93.876 | -92.024 | 0.0 |
| 100 | 16711 | 16712 | SN | 1 | 57.583 | 58.264 | 0.0 | 0.0 | 283.956 | 3.841 | 1220.896 | 1268.416 | 0.0 | -93.291 | -92.126 | 0.0 |
| 101 | 16712 | 16713 | SN | 1 | 57.602 | 58.266 | 0.0 | 0.0 | 284.822 | 3.761 | 1220.824 | 1268.512 | 0.0 | -93.166 | -92.134 | 0.0 |
| 102 | 16712 | 16713 | NS | 1 | 57.477 | 58.135 | 0.0 | 0.0 | 273.29 | 3.125 | 1206.944 | 1264.16 | 5.405 | -93.344 | -92.02 | 0.0 |
| 103 | 16712 | 16713 | NS | 1 | 57.477 | 58.124 | 0.0 | 0.0 | 280.041 | 3.714 | 1206.944 | 1266.136 | 5.236 | -93.344 | -92.02 | 0.0 |
| 104 | 16712 | 16713 | SN | 1 | 57.602 | 58.266 | 0.0 | 0.0 | 284.822 | 2.35 | 1220.824 | 1268.512 | 0.0 | -93.166 | -92.134 | 0.0 |
| 105 | 16713 | 16714 | SN | 1 | 57.571 | 58.266 | 0.0 | 0.0 | 295.052 | 3.729 | 1220.104 | 1268.608 | 0.0 | -93.337 | -92.156 | 0.0 |
| 106 | 16713 | 16714 | NS | 1 | 57.457 | 58.126 | 0.0 | 0.003 | 299.762 | 3.838 | 1206.608 | 1266.264 | 5.808 | -93.128 | -92.021 | 0.0 |
| 107 | 16713 | 16714 | SN | 1 | 57.571 | 58.266 | 0.0 | 0.0 | 295.052 | 2.208 | 1220.104 | 1268.608 | 0.0 | -93.337 | -92.156 | 0.0 |
| 108 | 16714 | 16715 | SN | 1 | 57.592 | 58.266 | 0.0 | 0.0 | 289.069 | 2.477 | 1220.152 | 1268.784 | 0.0 | -93.154 | -92.157 | 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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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 109 | 16714 | 16715 | NS | 1 | 57.458 | 58.146 | 0.0 | 0.0 | 286.697 | 3.783 | 1207.064 | 1266.36 | 6.105 | -93.155 | -92.018 | 0.0 |
| 110 | 16714 | 16715 | NS | 1 | 57.458 | 58.14 | 0.0 | 0.003 | 284.238 | 2.069 | 1207.064 | 1260.368 | 6.952 | -93.14 | -92.018 | 0.0 |
| 111 | 16714 | 16715 | SN | 1 | 57.592 | 58.266 | 0.0 | 0.0 | 290.657 | 3.933 | 1220.152 | 1268.784 | 0.0 | -93.154 | -92.157 | 0.0 |
| 112 | 16715 | 16716 | NS | 1 | 57.471 | 58.136 | 0.0 | 0.0 | 293.155 | 4.119 | 1206.688 | 1266.304 | 5.828 | -93.176 | -92.02 | 0.0 |
| 113 | 16715 | 16716 | NS | 1 | 57.474 | 58.14 | 0.0 | 0.0 | 293.155 | 4.115 | 1206.688 | 1266.304 | 5.833 | -93.16 | -92.02 | 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 | 16686 | 16687 | SN | 1 | -34.96 | 20.305 | 0.0 | -34.758 | 20.682 | 0.0 | -18.709 | 22.121 | 0.002 | -31.487 | 21.924 | 0.0 | 0.086 | 232.103 | 1.632 | 0.086 | 221.598 | 1.247 | 0.086 | 5.565 | 0.006 | 0.086 | 104.378 | 0.032 |
| 2 | 16686 | 16687 | SN | 1 | -34.83 | 20.305 | 0.0 | -34.572 | 20.682 | 0.0 | -18.704 | 22.121 | 0.002 | -29.705 | 21.924 | 0.0 | 0.086 | 225.302 | 1.634 | 0.086 | 212.292 | 1.251 | 0.086 | 5.561 | 0.006 | 0.086 | 69.265 | 0.03 |
| 3 | 16687 | 16688 | SN | 1 | -34.962 | 20.571 | 0.0 | -34.639 | 20.674 | 0.0 | -12.419 | 22.373 | 0.002 | -12.666 | 22.263 | 0.002 | 0.086 | 232.209 | 10.278 | 0.086 | 215.584 | 7.589 | 0.086 | 1.358 | 0.005 | 0.086 | 1.434 | 0.002 |
| 4 | 16687 | 16688 | NS | 1 | -34.95 | 18.164 | 0.0 | -34.488 | 19.014 | 0.0 | -3.555 | 21.914 | 0.0 | -5.578 | 25.176 | 0.029 | 0.086 | 231.571 | 2.811 | 0.086 | 208.239 | 2.951 | 0.086 | 0.238 | 0.0 | 0.086 | 0.336 | 0.0 |
| 5 | 16688 | 16689 | NS | 1 | -34.666 | 16.7 | 0.0 | -33.916 | 16.173 | 0.0 | -9.427 | 22.291 | 0.002 | -24.105 | 22.78 | 0.009 | 0.087 | 216.918 | 2.86 | 0.087 | 182.548 | 3.279 | 0.086 | 0.715 | 0.0 | 0.086 | 19.121 | 0.079 |
| 6 | 16688 | 16689 | SN | 1 | -34.942 | 16.694 | 0.0 | -34.577 | 17.664 | 0.0 | 0.019 | 22.048 | 0.003 | 0.358 | 22.102 | 0.004 | 0.087 | 231.177 | 4.718 | 0.087 | 219.822 | 4.611 | 0.086 | 0.149 | 0.0 | 0.086 | 0.144 | 0.0 |
| 7 | 16688 | 16689 | NS | 1 | -34.963 | 16.7 | 0.0 | -34.082 | 16.173 | 0.0 | -9.427 | 22.291 | 0.002 | -24.113 | 22.78 | 0.009 | 0.087 | 232.271 | 2.852 | 0.087 | 189.609 | 3.264 | 0.086 | 0.715 | 0.0 | 0.086 | 19.155 | 0.079 |
| 8 | 16688 | 16689 | SN | 1 | -34.942 | 16.694 | 0.0 | -34.577 | 17.664 | 0.0 | 0.019 | 22.048 | 0.003 | 0.358 | 22.102 | 0.004 | 0.087 | 231.177 | 4.801 | 0.087 | 219.822 | 4.674 | 0.086 | 0.149 | 0.0 | 0.086 | 0.144 | 0.0 |
| 9 | 16689 | 16690 | SN | 1 | -34.84 | 16.377 | 0.0 | -34.937 | 16.9 | 0.0 | 0.543 | 21.955 | 0.0 | 0.672 | 21.177 | 0.0 | 0.087 | 225.741 | 1.764 | 0.087 | 230.941 | 1.723 | 0.086 | 0.141 | 0.0 | 0.086 | 0.139 | 0.0 |
| 10 | 16689 | 16690 | NS | 1 | -34.97 | 16.68 | 0.0 | -34.895 | 15.882 | 0.0 | -11.652 | 21.601 | 0.0 | -10.252 | 21.883 | 0.0 | 0.087 | 232.664 | 6.378 | 0.087 | 228.673 | 6.84 | 0.086 | 1.148 | 0.002 | 0.086 | 0.85 | 0.0 |
| 11 | 16689 | 16690 | SN | 2 | -34.84 | 16.377 | 0.0 | -34.937 | 16.9 | 0.0 | 0.543 | 21.955 | 0.0 | 0.672 | 21.177 | 0.0 | 0.087 | 225.741 | 1.764 | 0.087 | 230.941 | 1.723 | 0.086 | 0.141 | 0.0 | 0.086 | 0.139 | 0.0 |
| 12 | 16689 | 16690 | NS | 1 | -34.963 | 16.68 | 0.0 | -34.922 | 15.882 | 0.0 | -11.647 | 21.607 | 0.0 | -10.253 | 21.883 | 0.0 | 0.087 | 232.332 | 6.382 | 0.087 | 230.096 | 6.79 | 0.086 | 1.147 | 0.002 | 0.086 | 0.851 | 0.0 |
| 13 | 16690 | 16691 | SN | 1 | -34.897 | 15.838 | 0.0 | -34.762 | 16.774 | 0.0 | 0.588 | 21.861 | 0.0 | 1.909 | 21.818 | 0.0 | 0.087 | 228.786 | 1.402 | 0.087 | 221.826 | 1.193 | 0.086 | 0.14 | 0.0 | 0.086 | 0.125 | 0.0 |
| 14 | 16690 | 16691 | NS | 1 | -34.102 | 16.562 | 0.0 | -34.461 | 16.036 | 0.0 | -22.569 | 22.07 | 0.001 | -17.137 | 22.457 | 0.008 | 0.087 | 190.53 | 2.125 | 0.087 | 206.917 | 1.67 | 0.086 | 13.446 | 0.03 | 0.086 | 3.896 | 0.011 |
| 15 | 16690 | 16691 | NS | 1 | -34.656 | 16.559 | 0.0 | -34.976 | 16.036 | 0.0 | -22.54 | 22.073 | 0.001 | -17.238 | 22.457 | 0.008 | 0.087 | 216.42 | 2.111 | 0.087 | 232.955 | 1.676 | 0.086 | 13.354 | 0.03 | 0.086 | 3.985 | 0.011 |
| 16 | 16690 | 16691 | SN | 1 | -34.897 | 15.838 | 0.0 | -34.762 | 16.778 | 0.0 | 0.588 | 21.861 | 0.0 | 1.909 | 21.818 | 0.0 | 0.087 | 228.786 | 1.402 | 0.087 | 221.826 | 1.193 | 0.086 | 0.14 | 0.0 | 0.086 | 0.125 | 0.0 |
| 17 | 16691 | 16692 | SN | 1 | -34.728 | 16.261 | 0.0 | -34.304 | 16.581 | 0.0 | -0.301 | 21.731 | 0.0 | 1.376 | 21.613 | 0.0 | 0.087 | 220.052 | 2.561 | 0.087 | 199.631 | 2.265 | 0.086 | 0.154 | 0.0 | 0.086 | 0.131 | 0.0 |
| 18 | 16691 | 16692 | NS | 1 | -34.56 | 20.09 | 0.0 | -34.962 | 16.88 | 0.0 | -16.887 | 21.154 | 0.0 | -23.612 | 22.258 | 0.002 | 0.086 | 211.717 | 3.026 | 0.087 | 232.251 | 3.045 | 0.086 | 3.681 | 0.014 | 0.086 | 17.077 | 0.017 |
| 19 | 16691 | 16692 | SN | 1 | -34.639 | 16.261 | 0.0 | -34.88 | 16.581 | 0.0 | -0.301 | 21.731 | 0.0 | 1.376 | 21.613 | 0.0 | 0.087 | 215.546 | 2.558 | 0.087 | 227.882 | 2.264 | 0.086 | 0.154 | 0.0 | 0.086 | 0.131 | 0.0 |
| 20 | 16692 | 16693 | NS | 2 | -34.945 | 20.422 | 0.0 | -34.804 | 20.623 | 0.0 | -16.84 | 21.488 | 0.0 | -23.831 | 21.91 | 0.0 | 0.086 | 231.293 | 2.279 | 0.086 | 223.956 | 2.146 | 0.086 | 3.642 | 0.089 | 0.086 | 17.957 | 0.153 |
| 21 | 16692 | 16693 | NS | 1 | -34.902 | 20.422 | 0.0 | -34.872 | 20.623 | 0.0 | -16.843 | 21.488 | 0.0 | -23.831 | 21.91 | 0.0 | 0.086 | 228.983 | 2.278 | 0.086 | 227.477 | 2.146 | 0.086 | 3.644 | 0.089 | 0.086 | 17.96 | 0.153 |
| 22 | 16692 | 16693 | SN | 1 | -33.82 | 16.753 | 0.0 | -34.012 | 16.992 | 0.0 | -0.39 | 22.426 | 0.009 | 4.873 | 22.5 | 0.044 | 0.087 | 178.568 | 1.9 | 0.087 | 186.636 | 2.045 | 0.086 | 0.156 | 0.0 | 0.086 | 0.105 | 0.0 |
| 23 | 16692 | 16693 | SN | 2 | -33.82 | 16.753 | 0.0 | -34.012 | 16.992 | 0.0 | -0.39 | 22.426 | 0.009 | 4.873 | 22.5 | 0.044 | 0.087 | 178.568 | 1.9 | 0.087 | 186.636 | 2.045 | 0.086 | 0.156 | 0.0 | 0.086 | 0.105 | 0.0 |
| 24 | 16692 | 16693 | SN | 1 | -33.82 | 16.753 | 0.0 | -34.012 | 16.992 | 0.0 | -0.39 | 22.426 | 0.01 | 4.876 | 22.5 | 0.044 | 0.087 | 178.568 | 1.984 | 0.087 | 186.636 | 1.997 | 0.086 | 0.156 | 0.0 | 0.086 | 0.105 | 0.0 |
| 25 | 16693 | 16694 | NS | 1 | -34.81 | 20.356 | 0.0 | -34.117 | 20.931 | 0.0 | 1.98 | 21.941 | 0.0 | 1.402 | 22.622 | 0.072 | 0.086 | 224.264 | 2.062 | 0.086 | 191.214 | 1.543 | 0.086 | 0.124 | 0.0 | 0.086 | 0.13 | 0.0 |
| 26 | 16693 | 16694 | SN | 1 | -34.956 | 16.819 | 0.0 | -34.758 | 17.511 | 0.0 | -27.623 | 22.757 | 0.043 | -8.743 | 24.517 | 0.215 | 0.087 | 231.87 | 8.271 | 0.087 | 221.579 | 8.186 | 0.086 | 42.912 | 0.003 | 0.086 | 0.621 | 0.0 |
| 27 | 16693 | 16694 | SN | 1 | -34.956 | 16.819 | 0.0 | -34.758 | 17.511 | 0.0 | -27.623 | 22.757 | 0.04 | -8.743 | 24.517 | 0.215 | 0.087 | 231.87 | 7.756 | 0.087 | 221.579 | 7.603 | 0.086 | 42.912 | 0.003 | 0.086 | 0.621 | 0.0 |
| 28 | 16693 | 16694 | SN | 2 | -34.956 | 16.819 | 0.0 | -34.758 | 17.511 | 0.0 | -27.623 | 22.757 | 0.04 | -8.743 | 24.517 | 0.215 | 0.087 | 231.87 | 7.756 | 0.087 | 221.579 | 7.603 | 0.086 | 42.912 | 0.003 | 0.086 | 0.621 | 0.0 |
| 29 | 16693 | 16694 | NS | 1 | -34.849 | 20.359 | 0.0 | -34.117 | 20.93 | 0.0 | 1.991 | 21.941 | 0.0 | 1.4 | 22.622 | 0.072 | 0.086 | 232.009 | 2.051 | 0.086 | 191.214 | 1.548 | 0.086 | 0.124 | 0.0 | 0.086 | 0.13 | 0.0 |
| 30 | 16694 | 16695 | SN | 1 | -33.016 | 15.882 | 0.0 | -34.15 | 16.703 | 0.0 | -27.041 | 22.885 | 0.018 | -14.235 | 22.962 | 0.127 | 0.087 | 148.349 | 2.188 | 0.087 | 192.596 | 2.57 | 0.086 | 37.543 | 0.095 | 0.086 | 2.028 | 0.005 |
| 31 | 16694 | 16695 | SN | 2 | -33.028 | 15.882 | 0.0 | -34.351 | 16.703 | 0.0 | -27.041 | 22.885 | 0.018 | -14.235 | 22.962 | 0.127 | 0.087 | 148.801 | 2.188 | 0.087 | 201.781 | 2.57 | 0.086 | 37.543 | 0.095 | 0.086 | 2.028 | 0.005 |
| 32 | 16694 | 16695 | NS | 1 | -34.895 | 22.75 | 0.001 | -34.883 | 16.614 | 0.0 | -1.285 | 22.668 | 0.084 | -10.733 | 23.754 | 0.64 | 0.086 | 228.735 | 5.812 | 0.087 | 228.014 | 4.852 | 0.086 | 0.173 | 0.0 | 0.086 | 0.942 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 16694 | 16695 | NS | 1 | -34.8 | 22.75 | 0.001 | -34.427 | 16.614 | 0.0 | -1.301 | 22.668 | 0.084 | -10.733 | 23.754 | 0.64 | 0.086 | 223.703 | 5.808 | 0.087 | 205.277 | 4.872 | 0.086 | 0.173 | 0.0 | 0.086 | 0.942 | 0.0 |
| 34 | 16695 | 16696 | NS | 1 | -34.976 | 21.47 | 0.0 | -34.003 | 22.604 | 0.001 | -6.364 | 22.757 | 0.123 | -15.233 | 23.249 | 0.717 | 0.086 | 232.942 | 6.485 | 0.086 | 186.185 | 5.69 | 0.086 | 0.389 | 0.0 | 0.086 | 2.536 | 0.008 |
| 35 | 16695 | 16696 | SN | 1 | -34.903 | 18.482 | 0.0 | -34.984 | 18.821 | 0.0 | -7.393 | 22.571 | 0.03 | -3.706 | 23.162 | 0.098 | 0.086 | 229.122 | 5.174 | 0.086 | 233.354 | 4.516 | 0.086 | 0.474 | 0.0 | 0.086 | 0.244 | 0.0 |
| 36 | 16695 | 16696 | NS | 1 | -34.406 | 21.468 | 0.0 | -34.274 | 22.604 | 0.001 | -6.369 | 22.757 | 0.122 | -31.36 | 23.249 | 0.729 | 0.086 | 204.386 | 6.506 | 0.086 | 198.176 | 5.694 | 0.086 | 0.389 | 0.0 | 0.086 | 101.356 | 0.01 |
| 37 | 16696 | 16697 | SN | 1 | -34.725 | 17.768 | 0.0 | -34.979 | 18.521 | 0.0 | -34.303 | 23.292 | 0.02 | -11.169 | 23.272 | 0.08 | 0.086 | 219.931 | 8.677 | 0.086 | 233.157 | 7.067 | 0.086 | 199.545 | 0.032 | 0.086 | 1.035 | 0.002 |
| 38 | 16696 | 16697 | NS | 1 | -34.581 | 19.304 | 0.0 | -34.775 | 21.408 | 0.0 | -2.729 | 22.486 | 0.033 | -27.21 | 23.388 | 0.261 | 0.086 | 212.737 | 3.347 | 0.086 | 222.455 | 2.905 | 0.086 | 0.21 | 0.0 | 0.086 | 39.016 | 0.014 |
| 39 | 16697 | 16698 | NS | 1 | -34.368 | 20.483 | 0.0 | -34.06 | 21.177 | 0.0 | -2.422 | 22.652 | 0.025 | -0.301 | 23.092 | 0.269 | 0.086 | 202.57 | 1.238 | 0.086 | 188.679 | 1.13 | 0.086 | 0.201 | 0.0 | 0.086 | 0.154 | 0.0 |
| 40 | 16697 | 16698 | SN | 1 | -33.667 | 17.642 | 0.0 | -34.591 | 17.389 | 0.0 | -29.315 | 22.777 | 0.016 | -31.838 | 22.959 | 0.066 | 0.087 | 172.374 | 3.195 | 0.087 | 213.226 | 2.997 | 0.086 | 63.326 | 0.122 | 0.086 | 113.143 | 0.136 |
| 41 | 16697 | 16698 | NS | 1 | -34.368 | 20.483 | 0.0 | -34.06 | 21.177 | 0.0 | -2.422 | 22.652 | 0.023 | -0.301 | 23.091 | 0.249 | 0.086 | 202.57 | 1.235 | 0.086 | 188.679 | 1.129 | 0.086 | 0.201 | 0.0 | 0.086 | 0.154 | 0.0 |
| 42 | 16698 | 16699 | NS | 1 | -34.591 | 19.97 | 0.0 | -34.114 | 18.561 | 0.0 | -2.908 | 22.771 | 0.037 | -4.056 | 23.051 | 0.456 | 0.086 | 213.215 | 1.683 | 0.086 | 191.053 | 1.51 | 0.086 | 0.216 | 0.0 | 0.086 | 0.258 | 0.0 |
| 43 | 16698 | 16699 | SN | 1 | -34.939 | 16.928 | 0.0 | -34.895 | 17.314 | 0.0 | -32.231 | 22.735 | 0.13 | -29.889 | 22.897 | 0.276 | 0.087 | 230.989 | 3.694 | 0.087 | 228.659 | 3.009 | 0.086 | 123.882 | 0.058 | 0.086 | 72.268 | 0.067 |
| 44 | 16698 | 16699 | NS | 1 | -34.615 | 19.97 | 0.0 | -34.86 | 18.561 | 0.0 | -2.908 | 22.771 | 0.024 | -4.056 | 22.99 | 0.318 | 0.086 | 214.419 | 1.677 | 0.086 | 232.581 | 1.51 | 0.086 | 0.216 | 0.0 | 0.086 | 0.258 | 0.0 |
| 45 | 16698 | 16699 | NS | 1 | -34.591 | 19.97 | 0.0 | -34.114 | 18.561 | 0.0 | -2.908 | 22.771 | 0.024 | -4.056 | 22.992 | 0.318 | 0.086 | 213.215 | 1.679 | 0.086 | 191.053 | 1.511 | 0.086 | 0.216 | 0.0 | 0.086 | 0.258 | 0.0 |
| 46 | 16699 | 16700 | SN | 1 | -34.999 | 16.536 | 0.0 | -34.71 | 17.426 | 0.0 | 1.533 | 22.723 | 0.112 | 1.882 | 23.052 | 0.788 | 0.087 | 234.251 | 2.927 | 0.087 | 219.092 | 2.694 | 0.086 | 0.129 | 0.0 | 0.086 | 0.126 | 0.0 |
| 47 | 16699 | 16700 | SN | 2 | -34.999 | 16.536 | 0.0 | -34.71 | 17.426 | 0.0 | 1.533 | 22.723 | 0.112 | 1.882 | 23.052 | 0.788 | 0.087 | 234.251 | 2.927 | 0.087 | 219.092 | 2.695 | 0.086 | 0.129 | 0.0 | 0.086 | 0.126 | 0.0 |
| 48 | 16699 | 16700 | NS | 1 | -34.266 | 20.86 | 0.0 | -34.844 | 20.303 | 0.0 | 1.617 | 22.668 | 0.056 | 1.536 | 23.173 | 0.303 | 0.086 | 197.851 | 1.48 | 0.086 | 226.043 | 1.372 | 0.086 | 0.128 | 0.0 | 0.086 | 0.129 | 0.0 |
| 49 | 16699 | 16700 | NS | 1 | -34.266 | 20.86 | 0.0 | -33.976 | 20.303 | 0.0 | 1.617 | 22.665 | 0.056 | 1.535 | 23.173 | 0.303 | 0.086 | 197.851 | 1.481 | 0.086 | 185.113 | 1.369 | 0.086 | 0.128 | 0.0 | 0.086 | 0.129 | 0.0 |
| 50 | 16699 | 16700 | NS | 1 | -34.266 | 20.86 | 0.0 | -34.538 | 20.303 | 0.0 | 5.138 | 22.563 | 0.042 | 1.453 | 22.993 | 0.115 | 0.086 | 197.851 | 1.498 | 0.086 | 210.662 | 1.373 | 0.086 | 0.104 | 0.0 | 0.086 | 0.13 | 0.0 |
| 51 | 16700 | 16701 | SN | 1 | -34.685 | 14.418 | 0.0 | -34.849 | 17.064 | 0.0 | 1.977 | 22.28 | 0.002 | 3.948 | 22.656 | 0.038 | 0.088 | 217.887 | 1.993 | 0.087 | 226.262 | 1.578 | 0.086 | 0.125 | 0.0 | 0.086 | 0.11 | 0.0 |
| 52 | 16700 | 16701 | NS | 1 | -34.885 | 17.112 | 0.0 | -33.09 | 15.879 | 0.0 | 1.73 | 22.69 | 0.102 | 0.297 | 23.434 | 0.286 | 0.087 | 228.132 | 1.811 | 0.087 | 150.943 | 1.845 | 0.086 | 0.127 | 0.0 | 0.086 | 0.145 | 0.0 |
| 53 | 16700 | 16701 | NS | 1 | -34.885 | 17.112 | 0.0 | -33.09 | 15.871 | 0.0 | 2.067 | 21.064 | 0.0 | 0.29 | 19.888 | 0.0 | 0.087 | 228.132 | 1.949 | 0.087 | 150.943 | 1.861 | 0.086 | 0.124 | 0.0 | 0.086 | 0.145 | 0.0 |
| 54 | 16700 | 16701 | NS | 2 | -34.885 | 17.112 | 0.0 | -32.96 | 15.879 | 0.0 | 1.73 | 22.69 | 0.102 | 0.297 | 23.434 | 0.286 | 0.087 | 228.132 | 1.811 | 0.087 | 146.465 | 1.846 | 0.086 | 0.127 | 0.0 | 0.086 | 0.145 | 0.0 |
| 55 | 16700 | 16701 | SN | 1 | -34.778 | 16.347 | 0.0 | -34.849 | 17.407 | 0.0 | 1.977 | 22.365 | 0.022 | 3.948 | 22.652 | 0.043 | 0.087 | 228.219 | 1.968 | 0.087 | 226.262 | 1.43 | 0.086 | 0.125 | 0.0 | 0.086 | 0.11 | 0.0 |
| 56 | 16701 | 16702 | SN | 1 | -34.849 | 20.334 | 0.0 | -34.68 | 21.381 | 0.0 | -4.6 | 22.022 | 0.001 | -3.923 | 23.782 | 0.005 | 0.086 | 226.261 | 8.212 | 0.086 | 217.667 | 6.604 | 0.086 | 0.283 | 0.0 | 0.086 | 0.253 | 0.0 |
| 57 | 16701 | 16702 | SN | 1 | -34.496 | 20.334 | 0.0 | -34.618 | 21.381 | 0.0 | -4.625 | 22.022 | 0.001 | -3.898 | 23.781 | 0.005 | 0.086 | 208.649 | 8.546 | 0.086 | 214.602 | 6.95 | 0.086 | 0.284 | 0.0 | 0.086 | 0.252 | 0.0 |
| 58 | 16701 | 16702 | NS | 1 | -34.994 | 18.773 | 0.0 | -34.212 | 18.501 | 0.0 | -1.383 | 23.915 | 0.009 | -0.584 | 23.45 | 0.043 | 0.086 | 233.978 | 3.691 | 0.086 | 195.407 | 4.087 | 0.086 | 0.175 | 0.0 | 0.086 | 0.159 | 0.0 |
| 59 | 16702 | 16703 | SN | 1 | -34.855 | 20.891 | 0.0 | -34.882 | 20.832 | 0.0 | -5.608 | 21.801 | 0.0 | -2.787 | 21.818 | 0.0 | 0.086 | 226.586 | 6.679 | 0.086 | 227.947 | 6.168 | 0.086 | 0.338 | 0.0 | 0.086 | 0.212 | 0.0 |
| 60 | 16702 | 16703 | SN | 1 | -34.855 | 20.891 | 0.0 | -34.882 | 20.832 | 0.0 | -5.608 | 21.801 | 0.0 | -2.787 | 21.818 | 0.0 | 0.086 | 226.586 | 6.806 | 0.086 | 227.947 | 6.259 | 0.086 | 0.338 | 0.0 | 0.086 | 0.212 | 0.0 |
| 61 | 16702 | 16703 | NS | 1 | -34.456 | 18.852 | 0.0 | -34.99 | 18.798 | 0.0 | -13.834 | 22.022 | 0.003 | -9.808 | 22.707 | 0.019 | 0.086 | 206.708 | 2.589 | 0.086 | 233.675 | 2.498 | 0.086 | 1.856 | 0.002 | 0.086 | 0.774 | 0.0 |
| 62 | 16703 | 16704 | SN | 1 | -34.869 | 16.802 | 0.0 | -34.77 | 17.833 | 0.0 | 0.616 | 21.794 | 0.0 | 1.329 | 21.227 | 0.0 | 0.087 | 227.353 | 2.38 | 0.086 | 222.173 | 2.253 | 0.086 | 0.14 | 0.0 | 0.086 | 0.131 | 0.0 |
| 63 | 16703 | 16704 | SN | 2 | -34.869 | 16.802 | 0.0 | -34.77 | 17.833 | 0.0 | 0.616 | 21.794 | 0.0 | 1.329 | 21.227 | 0.0 | 0.087 | 227.353 | 2.38 | 0.086 | 222.173 | 2.253 | 0.086 | 0.14 | 0.0 | 0.086 | 0.131 | 0.0 |
| 64 | 16703 | 16704 | NS | 1 | -34.821 | 16.829 | 0.0 | -34.411 | 16.219 | 0.0 | -10.362 | 21.473 | 0.0 | -28.132 | 22.438 | 0.006 | 0.087 | 224.823 | 4.079 | 0.087 | 204.575 | 4.473 | 0.086 | 0.87 | 0.0 | 0.086 | 48.232 | 0.056 |
| 65 | 16703 | 16704 | NS | 1 | -34.821 | 16.829 | 0.0 | -34.411 | 16.219 | 0.0 | -10.362 | 21.471 | 0.0 | -28.132 | 22.438 | 0.006 | 0.087 | 224.823 | 4.083 | 0.087 | 204.575 | 4.474 | 0.086 | 0.87 | 0.0 | 0.086 | 48.232 | 0.056 |
| 66 | 16703 | 16704 | SN | 1 | -34.869 | 16.774 | 0.0 | -34.77 | 17.833 | 0.0 | 0.616 | 21.794 | 0.0 | 1.329 | 21.227 | 0.0 | 0.087 | 227.353 | 2.423 | 0.086 | 222.173 | 2.28 | 0.086 | 0.14 | 0.0 | 0.086 | 0.131 | 0.0 |
| 67 | 16704 | 16705 | SN | 2 | -34.363 | 15.17 | 0.0 | -34.885 | 16.341 | 0.0 | 0.156 | 21.736 | 0.0 | 0.891 | 22.087 | 0.009 | 0.087 | 202.331 | 1.45 | 0.087 | 228.142 | 1.253 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 68 | 16704 | 16705 | NS | 1 | -34.615 | 16.063 | 0.0 | -34.885 | 16.23 | 0.0 | -12.53 | 21.824 | 0.0 | -12.696 | 22.146 | 0.003 | 0.087 | 214.396 | 3.339 | 0.087 | 228.146 | 3.399 | 0.086 | 1.391 | 0.001 | 0.086 | 1.443 | 0.004 |
| 69 | 16704 | 16705 | NS | 1 | -34.75 | 16.063 | 0.0 | -34.428 | 16.23 | 0.0 | -12.526 | 21.824 | 0.0 | -12.699 | 22.147 | 0.003 | 0.087 | 221.138 | 3.332 | 0.087 | 205.383 | 3.405 | 0.086 | 1.39 | 0.001 | 0.086 | 1.444 | 0.004 |





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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 70 | 16704 | 16705 | SN | 1 | -34.363 | 15.17 | 0.0 | -34.885 | 16.341 | 0.0 | 0.156 | 21.736 | 0.0 | 0.891 | 22.087 | 0.009 | 0.087 | 202.331 | 1.45 | 0.087 | 228.142 | 1.253 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 71 | 16704 | 16705 | SN | 1 | -34.363 | 14.915 | 0.0 | -34.885 | 15.494 | 0.0 | 0.156 | 21.736 | 0.0 | 0.891 | 22.087 | 0.009 | 0.087 | 202.331 | 1.482 | 0.087 | 228.142 | 1.273 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 72 | 16705 | 16706 | NS | 1 | -34.812 | 16.546 | 0.0 | -34.792 | 17.101 | 0.0 | -18.704 | 22.166 | 0.002 | -11.546 | 22.203 | 0.002 | 0.087 | 224.309 | 5.583 | 0.087 | 223.299 | 5.207 | 0.086 | 5.561 | 0.017 | 0.086 | 1.123 | 0.002 |
| 73 | 16705 | 16706 | SN | 1 | -18.718 | 14.909 | 0.0 | -30.22 | 16.214 | 0.0 | 0.164 | 21.227 | 0.0 | 2.171 | 21.542 | 0.0 | 0.087 | 5.578 | 0.065 | 0.087 | 77.976 | 0.364 | 0.086 | 0.147 | 0.0 | 0.086 | 0.123 | 0.0 |
| 74 | 16705 | 16706 | SN | 1 | -34.889 | 15.563 | 0.0 | -34.526 | 16.211 | 0.0 | 0.183 | 21.423 | 0.0 | 1.427 | 21.708 | 0.0 | 0.087 | 234.228 | 2.506 | 0.087 | 210.045 | 2.041 | 0.086 | 0.146 | 0.0 | 0.086 | 0.13 | 0.0 |
| 75 | 16705 | 16706 | NS | 1 | -34.998 | 16.546 | 0.0 | -34.843 | 17.099 | 0.0 | -19.575 | 22.142 | 0.002 | -31.104 | 22.348 | 0.008 | 0.087 | 234.104 | 5.146 | 0.087 | 225.971 | 5.392 | 0.086 | 6.78 | 0.015 | 0.086 | 95.548 | 0.004 |
| 76 | 16706 | 16707 | SN | 1 | -34.57 | 17.29 | 0.0 | -34.462 | 17.859 | 0.0 | -1.652 | 21.72 | 0.0 | 3.555 | 21.717 | 0.0 | 0.087 | 212.187 | 1.659 | 0.086 | 206.969 | 1.404 | 0.086 | 0.181 | 0.0 | 0.086 | 0.112 | 0.0 |
| 77 | 16706 | 16707 | NS | 1 | -34.631 | 16.095 | 0.0 | -34.357 | 18.62 | 0.0 | -34.1 | 23.286 | 0.002 | -27.228 | 22.624 | 0.004 | 0.087 | 215.182 | 3.71 | 0.086 | 202.022 | 3.862 | 0.086 | 190.411 | 0.19 | 0.086 | 39.185 | 0.048 |
| 78 | 16706 | 16707 | SN | 1 | -34.57 | 17.29 | 0.0 | -34.462 | 17.859 | 0.0 | -1.652 | 21.72 | 0.0 | 3.555 | 21.717 | 0.0 | 0.087 | 212.187 | 1.607 | 0.086 | 206.969 | 1.374 | 0.086 | 0.181 | 0.0 | 0.086 | 0.112 | 0.0 |
| 79 | 16706 | 16707 | NS | 2 | -34.629 | 16.095 | 0.0 | -34.963 | 18.62 | 0.0 | -34.12 | 23.286 | 0.002 | -27.228 | 22.624 | 0.004 | 0.087 | 215.135 | 3.711 | 0.086 | 232.332 | 3.862 | 0.086 | 191.3 | 0.19 | 0.086 | 39.185 | 0.047 |
| 80 | 16706 | 16707 | SN | 1 | -34.951 | 17.29 | 0.0 | -34.43 | 17.859 | 0.0 | -1.652 | 21.72 | 0.0 | 3.555 | 21.717 | 0.0 | 0.087 | 231.633 | 1.608 | 0.086 | 205.414 | 1.371 | 0.086 | 0.181 | 0.0 | 0.086 | 0.112 | 0.0 |
| 81 | 16707 | 16708 | SN | 1 | -34.99 | 16.966 | 0.0 | -34.871 | 18.046 | 0.0 | -1.165 | 22.75 | 0.053 | -1.033 | 22.925 | 0.139 | 0.087 | 233.75 | 5.919 | 0.086 | 227.414 | 5.329 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 82 | 16707 | 16708 | NS | 2 | -34.765 | 21.053 | 0.0 | -34.796 | 21.199 | 0.0 | 2.7 | 22.478 | 0.046 | 0.744 | 22.393 | 0.03 | 0.086 | 221.918 | 2.16 | 0.086 | 223.539 | 2.134 | 0.086 | 0.118 | 0.0 | 0.086 | 0.138 | 0.0 |
| 83 | 16707 | 16708 | SN | 1 | -34.829 | 16.966 | 0.0 | -34.954 | 18.046 | 0.0 | -1.163 | 22.75 | 0.049 | -1.032 | 22.925 | 0.138 | 0.087 | 225.242 | 5.553 | 0.086 | 231.818 | 5.057 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 84 | 16707 | 16708 | SN | 1 | -34.99 | 16.966 | 0.0 | -34.871 | 18.046 | 0.0 | -1.165 | 22.75 | 0.049 | -1.033 | 22.925 | 0.139 | 0.087 | 233.75 | 5.563 | 0.086 | 227.414 | 5.059 | 0.086 | 0.17 | 0.0 | 0.086 | 0.168 | 0.0 |
| 85 | 16707 | 16708 | NS | 1 | -34.96 | 21.053 | 0.0 | -34.796 | 21.199 | 0.0 | 2.7 | 22.478 | 0.046 | 0.744 | 22.393 | 0.03 | 0.086 | 232.111 | 2.162 | 0.086 | 223.539 | 2.135 | 0.086 | 0.118 | 0.0 | 0.086 | 0.138 | 0.0 |
| 86 | 16708 | 16709 | SN | 1 | -34.612 | 16.405 | 0.0 | -33.772 | 16.928 | 0.0 | -10.934 | 22.771 | 0.016 | -6.836 | 23.242 | 0.145 | 0.087 | 214.297 | 3.015 | 0.087 | 176.567 | 2.71 | 0.086 | 0.984 | 0.0 | 0.086 | 0.425 | 0.0 |
| 87 | 16708 | 16709 | NS | 1 | -34.604 | 16.456 | 0.0 | -34.864 | 17.228 | 0.0 | -1.237 | 22.696 | 0.052 | 0.851 | 23.024 | 0.361 | 0.087 | 213.902 | 4.094 | 0.087 | 227.111 | 3.356 | 0.086 | 0.172 | 0.0 | 0.086 | 0.137 | 0.0 |
| 88 | 16708 | 16709 | SN | 1 | -34.612 | 16.405 | 0.0 | -33.772 | 16.928 | 0.0 | -10.929 | 22.771 | 0.014 | -6.836 | 23.242 | 0.176 | 0.087 | 214.297 | 3.081 | 0.087 | 176.567 | 2.918 | 0.086 | 0.983 | 0.0 | 0.086 | 0.425 | 0.0 |
| 89 | 16708 | 16709 | SN | 2 | -34.612 | 16.405 | 0.0 | -33.772 | 16.928 | 0.0 | -10.929 | 22.771 | 0.014 | -6.836 | 23.242 | 0.176 | 0.087 | 214.297 | 3.081 | 0.087 | 176.567 | 2.918 | 0.086 | 0.983 | 0.0 | 0.086 | 0.425 | 0.0 |
| 90 | 16708 | 16709 | NS | 1 | -34.738 | 16.456 | 0.0 | -34.733 | 17.226 | 0.0 | -1.237 | 22.696 | 0.052 | 0.853 | 23.024 | 0.361 | 0.087 | 220.558 | 4.102 | 0.087 | 220.312 | 3.356 | 0.086 | 0.172 | 0.0 | 0.086 | 0.137 | 0.0 |
| 91 | 16709 | 16710 | SN | 1 | -34.948 | 16.74 | 0.0 | -34.809 | 17.113 | 0.0 | -26.576 | 22.557 | 0.025 | -5.476 | 23.278 | 0.088 | 0.087 | 231.461 | 5.386 | 0.087 | 224.212 | 4.572 | 0.086 | 33.727 | 0.051 | 0.086 | 0.33 | 0.0 |
| 92 | 16709 | 16710 | NS | 1 | -34.753 | 20.789 | 0.0 | -34.959 | 20.445 | 0.0 | -3.672 | 22.969 | 0.151 | -15.911 | 23.298 | 0.838 | 0.086 | 221.313 | 6.52 | 0.086 | 232.09 | 5.604 | 0.086 | 0.243 | 0.0 | 0.086 | 2.953 | 0.014 |
| 93 | 16709 | 16710 | SN | 2 | -34.948 | 16.74 | 0.0 | -34.809 | 17.113 | 0.0 | -26.576 | 22.557 | 0.025 | -5.476 | 23.278 | 0.088 | 0.087 | 231.461 | 5.386 | 0.087 | 224.212 | 4.572 | 0.086 | 33.727 | 0.051 | 0.086 | 0.33 | 0.0 |
| 94 | 16709 | 16710 | NS | 1 | -34.753 | 20.789 | 0.0 | -34.959 | 20.445 | 0.0 | -3.672 | 22.969 | 0.151 | -15.911 | 23.297 | 0.838 | 0.086 | 221.313 | 6.53 | 0.086 | 232.09 | 5.613 | 0.086 | 0.243 | 0.0 | 0.086 | 2.953 | 0.014 |
| 95 | 16710 | 16711 | NS | 1 | -34.902 | 22.713 | 0.002 | -34.464 | 16.872 | 0.0 | -3.321 | 22.327 | 0.026 | -21.798 | 23.405 | 0.311 | 0.086 | 229.036 | 2.711 | 0.087 | 207.076 | 2.495 | 0.086 | 0.23 | 0.0 | 0.086 | 11.268 | 0.016 |
| 96 | 16710 | 16711 | SN | 1 | -34.841 | 18.617 | 0.0 | -34.338 | 19.135 | 0.0 | -28.922 | 22.477 | 0.022 | -17.728 | 23.232 | 0.096 | 0.086 | 225.827 | 4.371 | 0.086 | 201.198 | 2.762 | 0.086 | 57.859 | 0.032 | 0.086 | 4.454 | 0.045 |
| 97 | 16710 | 16711 | NS | 1 | -34.807 | 22.713 | 0.002 | -34.563 | 16.872 | 0.0 | -3.321 | 22.327 | 0.026 | -21.798 | 23.405 | 0.311 | 0.086 | 224.068 | 2.707 | 0.087 | 211.835 | 2.497 | 0.086 | 0.23 | 0.0 | 0.086 | 11.268 | 0.016 |
| 98 | 16711 | 16712 | NS | 1 | -34.131 | 17.206 | 0.0 | -34.636 | 17.961 | 0.0 | -5.128 | 22.791 | 0.031 | -4.919 | 23.392 | 0.237 | 0.087 | 191.816 | 2.422 | 0.086 | 215.423 | 2.653 | 0.086 | 0.31 | 0.0 | 0.086 | 0.299 | 0.0 |
| 99 | 16711 | 16712 | NS | 1 | -34.131 | 17.206 | 0.0 | -34.636 | 17.961 | 0.0 | -5.128 | 22.791 | 0.032 | -4.919 | 23.392 | 0.242 | 0.087 | 191.816 | 2.424 | 0.086 | 215.423 | 2.653 | 0.086 | 0.31 | 0.0 | 0.086 | 0.299 | 0.0 |
| 100 | 16711 | 16712 | SN | 1 | -34.888 | 18.752 | 0.0 | -34.142 | 19.002 | 0.0 | -31.69 | 22.798 | 0.023 | -23.386 | 23.034 | 0.073 | 0.086 | 228.312 | 3.586 | 0.086 | 192.287 | 2.889 | 0.086 | 109.344 | 0.028 | 0.086 | 16.212 | 0.008 |
| 101 | 16712 | 16713 | SN | 1 | -34.643 | 17.512 | 0.0 | -34.19 | 17.718 | 0.0 | -25.876 | 22.594 | 0.025 | -17.977 | 22.899 | 0.112 | 0.087 | 215.784 | 2.766 | 0.086 | 194.39 | 2.662 | 0.086 | 28.719 | 0.004 | 0.086 | 4.712 | 0.011 |
| 102 | 16712 | 16713 | NS | 1 | -34.898 | 18.527 | 0.0 | -34.88 | 20.483 | 0.0 | 0.584 | 22.916 | 0.036 | 4.692 | 22.984 | 0.306 | 0.086 | 228.828 | 1.657 | 0.086 | 227.851 | 1.7 | 0.086 | 0.141 | 0.0 | 0.086 | 0.106 | 0.0 |
| 103 | 16712 | 16713 | NS | 1 | -34.801 | 18.527 | 0.0 | -34.88 | 20.483 | 0.0 | 0.584 | 22.916 | 0.028 | 4.692 | 22.986 | 0.251 | 0.086 | 223.797 | 1.65 | 0.086 | 227.851 | 1.702 | 0.086 | 0.141 | 0.0 | 0.086 | 0.106 | 0.0 |
| 104 | 16712 | 16713 | SN | 1 | -34.643 | 17.512 | 0.0 | -34.19 | 14.415 | 0.0 | -25.876 | 22.483 | 0.011 | -17.977 | 22.515 | 0.022 | 0.087 | 215.784 | 2.385 | 0.088 | 194.39 | 2.57 | 0.086 | 28.719 | 0.005 | 0.086 | 4.712 | 0.012 |
| 105 | 16713 | 16714 | SN | 1 | -34.73 | 16.915 | 0.0 | -34.753 | 17.587 | 0.0 | -31.826 | 22.62 | 0.115 | -23.151 | 23.222 | 0.494 | 0.087 | 220.132 | 4.004 | 0.087 | 221.349 | 3.522 | 0.086 | 112.832 | 0.142 | 0.086 | 15.36 | 0.116 |
| 106 | 16713 | 16714 | NS | 1 | -34.408 | 20.042 | 0.0 | -34.439 | 20.701 | 0.0 | 1.776 | 22.283 | 0.013 | 1.062 | 22.788 | 0.317 | 0.086 | 204.428 | 1.662 | 0.086 | 205.856 | 1.533 | 0.086 | 0.127 | 0.0 | 0.086 | 0.134 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|------|-------|-------|-------|
| 107 | 16713 | 16714 | SN | 1 | -34.73 | 15.885 | 0.0 | -34.753 | 15.059 | 0.0 | -31.826 | 22.62 | 0.055 | -23.151 | 23.242 | 0.438 | 0.087 | 220.132 | 3.913 | 0.087 | 221.349 | 3.727 | 0.086 | 112.832 | 0.17 | 0.086 | 15.36 | 0.133 |
| 108 | 16714 | 16715 | SN | 1 | -34.12 | 14.315 | 0.0 | -34.733 | 14.497 | 0.0 | 1.761 | 22.466 | 0.061 | 4.094 | 23.413 | 0.752 | 0.088 | 191.314 | 1.26 | 0.088 | 220.316 | 1.199 | 0.086 | 0.127 | 0.0 | 0.086 | 0.109 | 0.0 |
| 109 | 16714 | 16715 | NS | 1 | -32.757 | 16.958 | 0.0 | -34.953 | 15.671 | 0.0 | 1.56 | 22.489 | 0.089 | 2.03 | 23.247 | 0.237 | 0.087 | 139.807 | 0.966 | 0.087 | 231.694 | 0.994 | 0.086 | 0.129 | 0.0 | 0.086 | 0.124 | 0.0 |
| 110 | 16714 | 16715 | NS | 1 | -32.757 | 16.958 | 0.0 | -34.756 | 15.671 | 0.0 | 1.62 | 22.48 | 0.024 | 2.05 | 20.902 | 0.0 | 0.087 | 139.807 | 1.004 | 0.087 | 221.487 | 0.995 | 0.086 | 0.128 | 0.0 | 0.086 | 0.124 | 0.0 |
| 111 | 16714 | 16715 | SN | 1 | -34.12 | 16.542 | 0.0 | -34.733 | 17.553 | 0.0 | 1.761 | 22.48 | 0.075 | 4.094 | 23.414 | 0.731 | 0.087 | 191.314 | 1.233 | 0.087 | 220.316 | 1.11 | 0.086 | 0.127 | 0.0 | 0.086 | 0.109 | 0.0 |
| 112 | 16715 | 16716 | NS | 1 | -34.498 | 20.048 | 0.0 | -34.226 | 20.391 | 0.0 | -0.023 | 22.741 | 0.051 | 0.044 | 22.896 | 0.108 | 0.086 | 208.687 | 5.311 | 0.086 | 196.02 | 4.986 | 0.086 | 0.15 | 0.0 | 0.086 | 0.148 | 0.0 |
| 113 | 16715 | 16716 | NS | 1 | -34.492 | 20.059 | 0.0 | -34.966 | 20.391 | 0.0 | -0.023 | 22.741 | 0.051 | 0.044 | 22.896 | 0.108 | 0.086 | 208.417 | 5.309 | 0.086 | 232.461 | 4.989 | 0.086 | 0.15 | 0.0 | 0.086 | 0.148 | 0.0 |

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