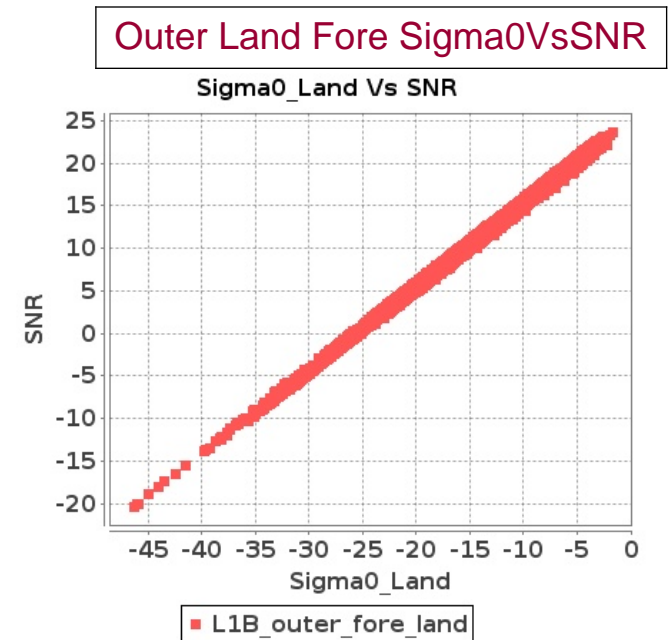
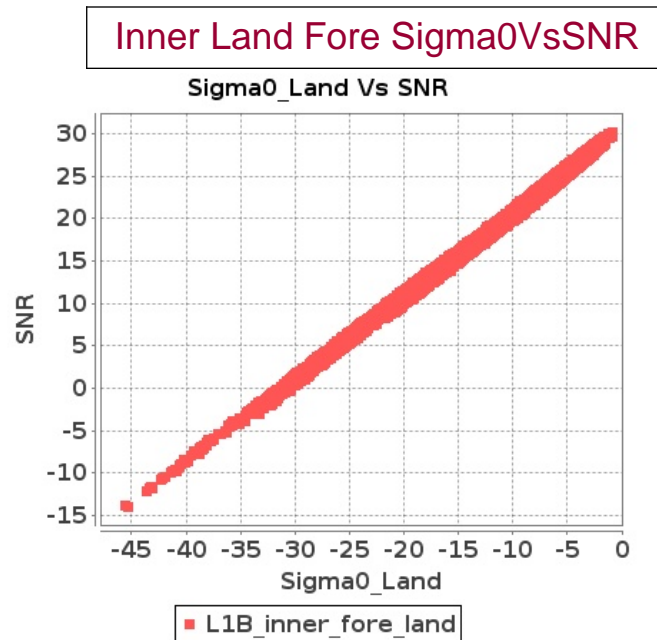
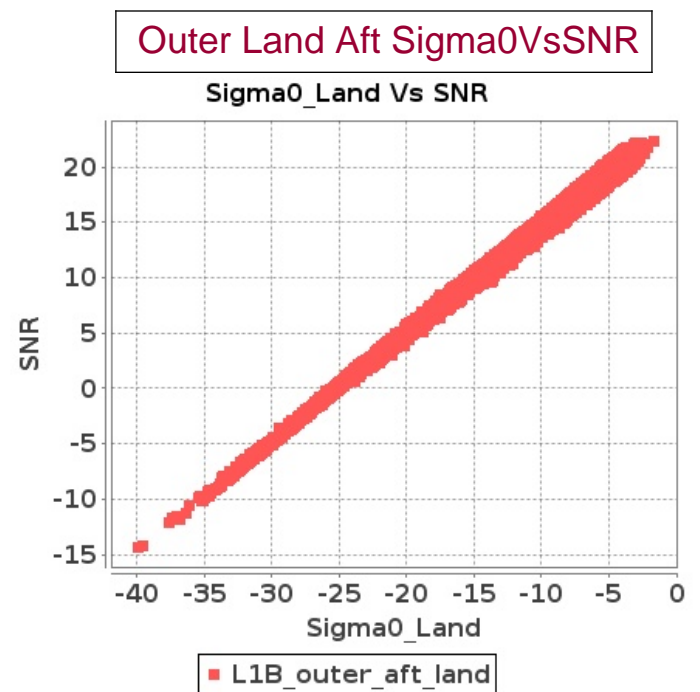
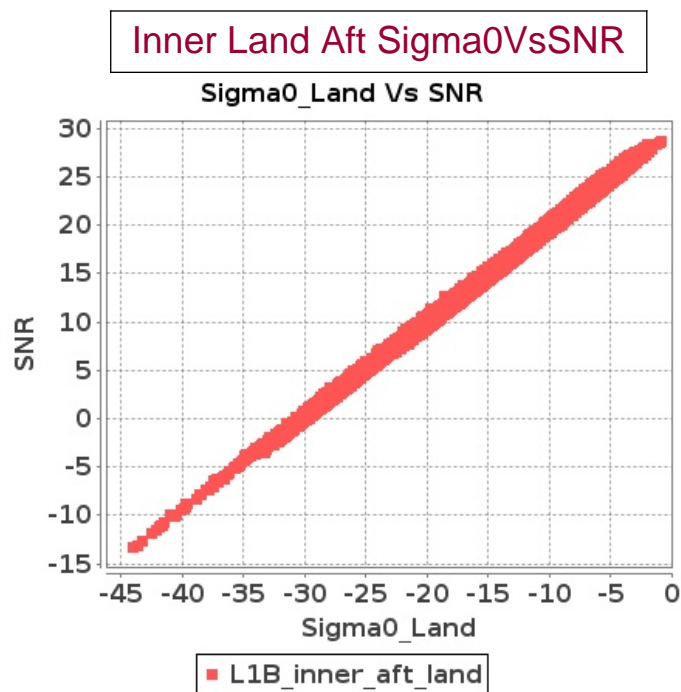
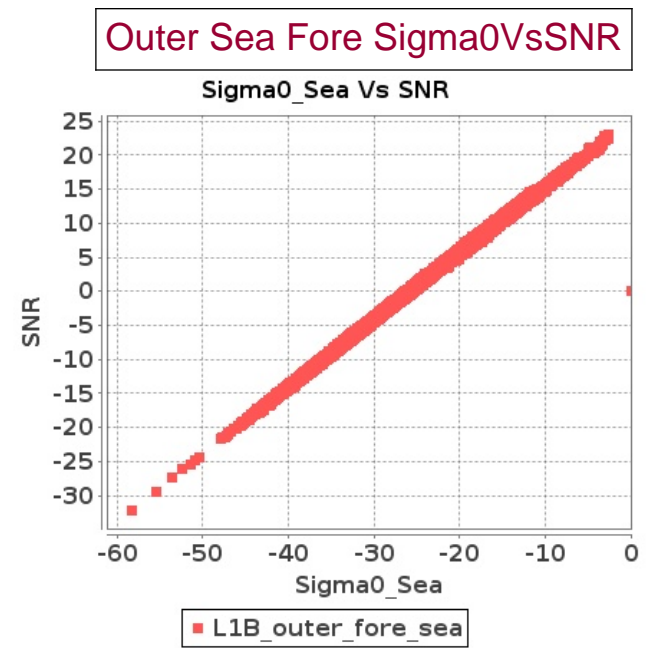
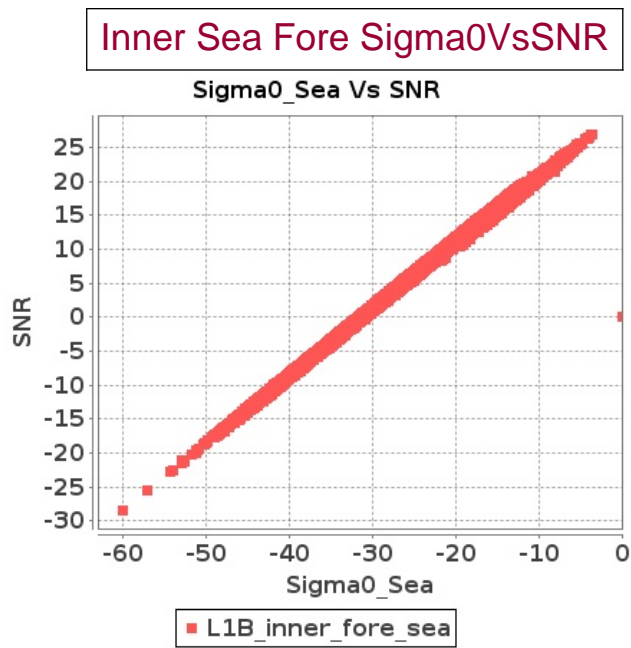
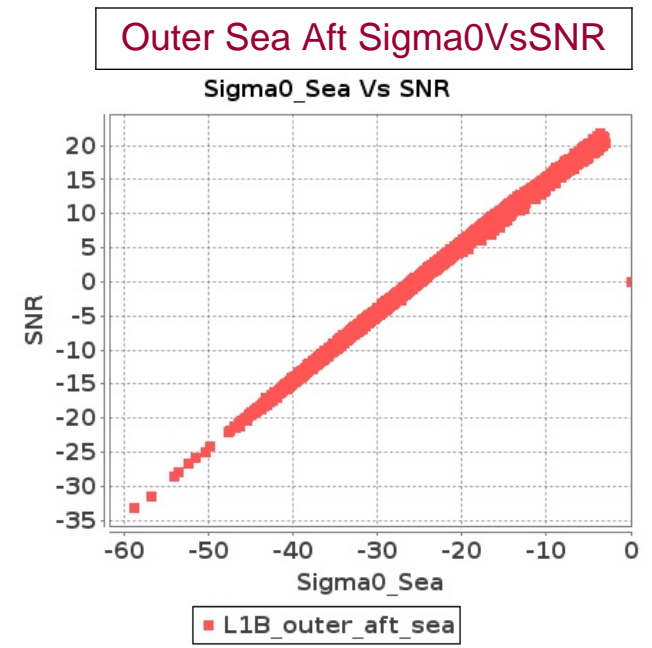
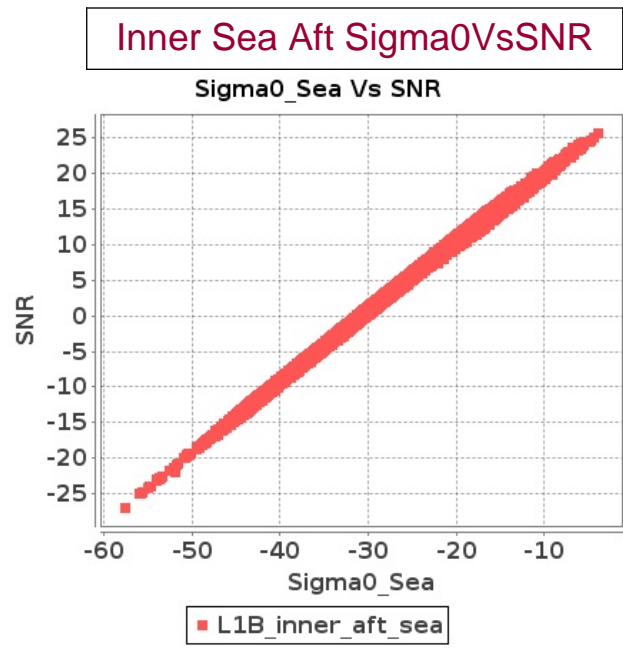
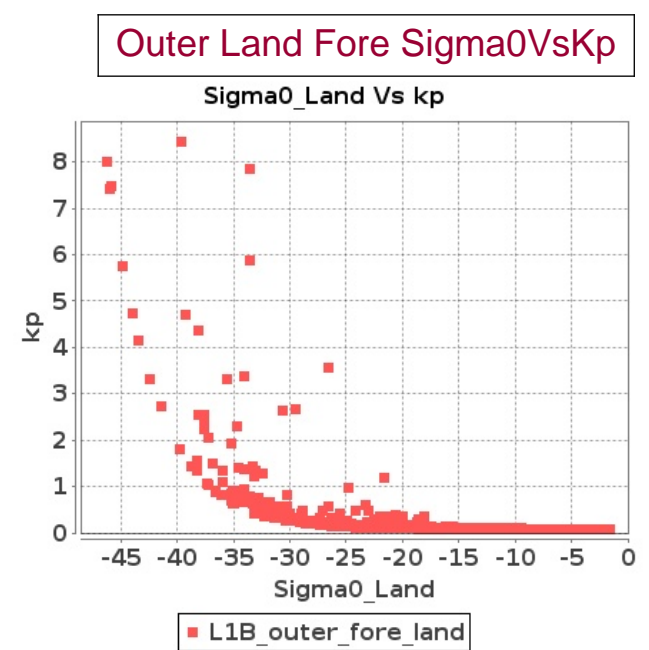
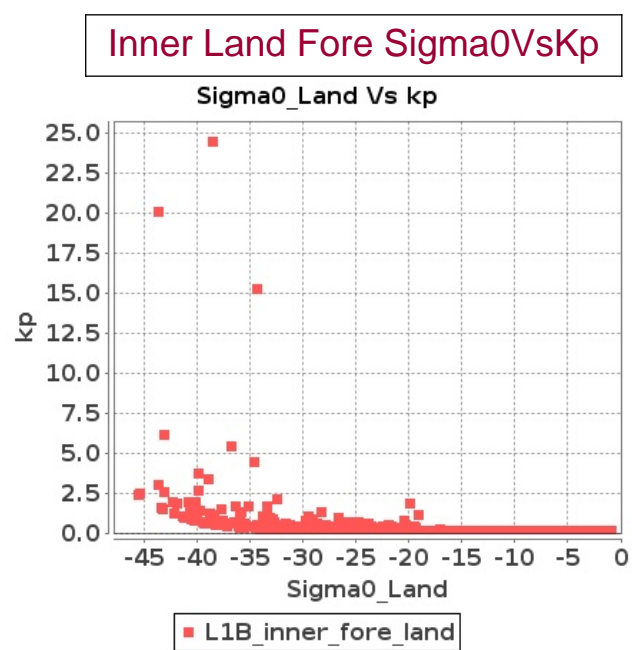
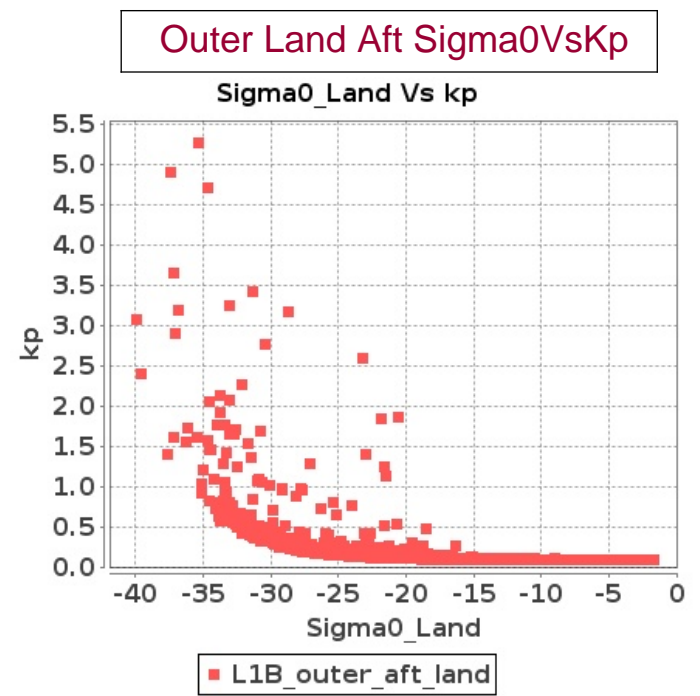
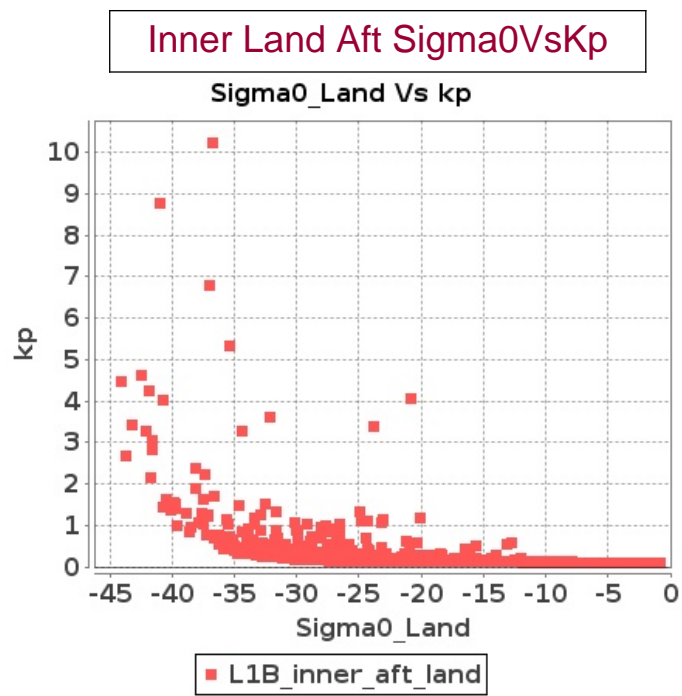
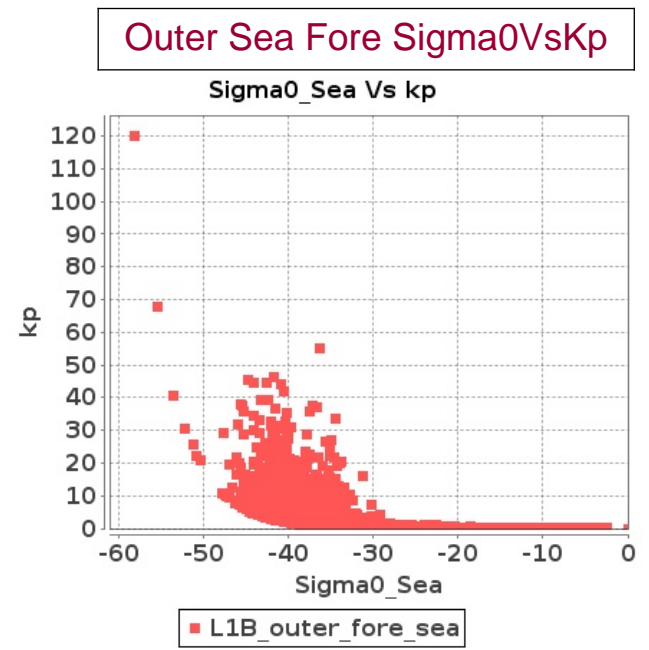
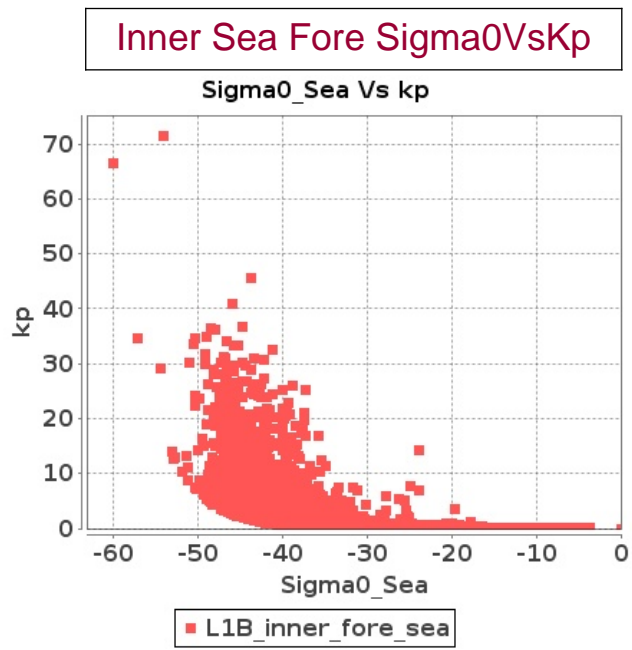
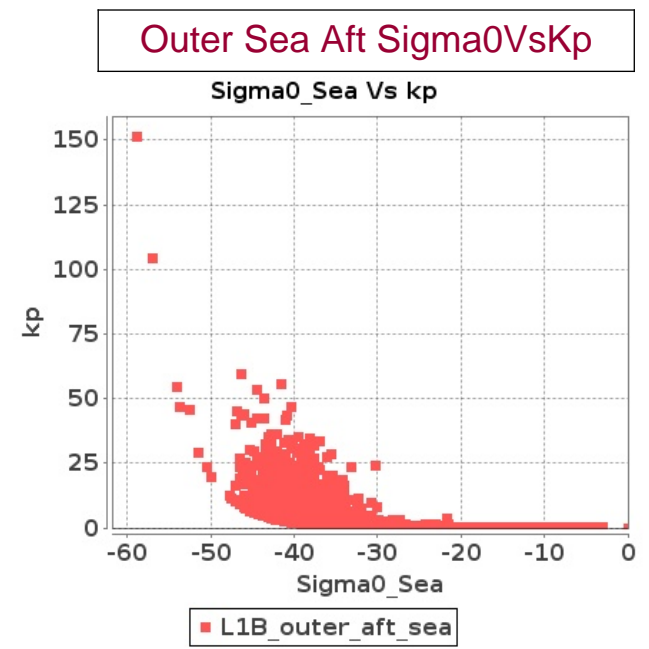
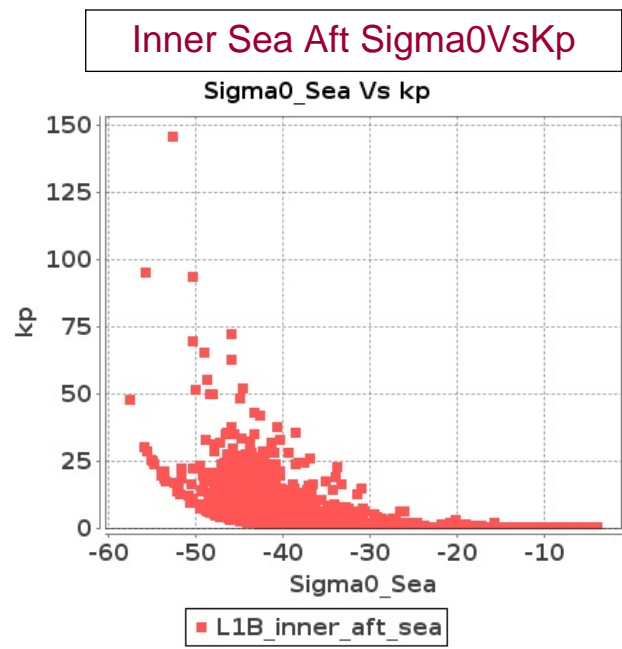


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 12-OCT-2018 To 13-OCT-2018





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

Report between 12-OCT-2018 To 13-OCT-2018

|       |             |           |      |      | 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     | 10813       | 10814     | SN   | 2    | 48.676          | 49.517 | 0.0       | 0.0           | 281.039 | 3.817     | 1026.824 | 1100.552 | 10.192    | -91.424  | -89.858 | 0.0       |
| 2     | 10813       | 10814     | SN   | 1    | 48.691          | 49.513 | 0.0       | 0.0           | 281.039 | 2.073     | 1027.0   | 1100.488 | 1.167     | -91.461  | -89.858 | 0.0       |
| 3     | 10813       | 10814     | SN   | 1    | 48.676          | 49.517 | 0.0       | 0.0           | 281.039 | 3.817     | 1026.824 | 1100.552 | 10.193    | -91.424  | -89.858 | 0.0       |
| 4     | 10813       | 10814     | SN   | 1    | 48.691          | 49.513 | 0.0       | 0.0           | 281.039 | 3.283     | 1027.0   | 1100.488 | 1.1       | -91.461  | -89.858 | 0.0       |
| 5     | 10814       | 10815     | SN   | 1    | 48.703          | 49.541 | 0.0       | 0.003         | 281.761 | 2.722     | 1027.376 | 1100.36  | 10.139    | -91.832  | -89.85  | 0.0       |
| 6     | 10814       | 10815     | SN   | 1    | 48.703          | 49.541 | 0.0       | 0.003         | 281.761 | 2.507     | 1027.376 | 1100.36  | 10.338    | -91.832  | -89.85  | 0.0       |
| 7     | 10814       | 10815     | SN   | 1    | 48.703          | 49.556 | 0.0       | 0.003         | 28.681  | 2.72      | 1027.384 | 1100.352 | 10.132    | -91.799  | -89.85  | 0.0       |
| 8     | 10814       | 10815     | NS   | 1    | 48.6            | 49.41  | 0.0       | 0.003         | 266.794 | 2.729     | 1024.032 | 1099.864 | 9.497     | -91.702  | -89.77  | 0.0       |
| 9     | 10815       | 10816     | SN   | 1    | 48.721          | 49.51  | 0.0       | 0.003         | 6.844   | 2.44      | 1027.52  | 1100.52  | 9.499     | -91.885  | -89.815 | 0.0       |
| 10    | 10815       | 10816     | NS   | 1    | 48.654          | 49.402 | 0.0       | 0.003         | 11.863  | 2.506     | 1025.016 | 1100.072 | 9.194     | -91.835  | -89.727 | 0.0       |
| 11    | 10815       | 10816     | SN   | 1    | 48.721          | 49.51  | 0.0       | 0.003         | 6.844   | 2.437     | 1027.52  | 1100.52  | 9.495     | -91.559  | -89.815 | 0.0       |
| 12    | 10815       | 10816     | NS   | 2    | 48.654          | 49.402 | 0.0       | 0.003         | 11.857  | 2.506     | 1025.016 | 1100.064 | 9.179     | -91.476  | -89.727 | 0.0       |
| 13    | 10815       | 10816     | SN   | 1    | 48.721          | 49.51  | 0.0       | 0.003         | 6.844   | 2.542     | 1027.52  | 1100.52  | 9.408     | -91.559  | -89.815 | 0.0       |
| 14    | 10816       | 10817     | SN   | 1    | 48.672          | 49.51  | 0.0       | 0.003         | 6.855   | 2.366     | 1026.888 | 1100.568 | 8.898     | -91.818  | -89.84  | 0.0       |
| 15    | 10816       | 10817     | SN   | 1    | 48.517          | 49.51  | 0.0       | 0.003         | 6.855   | 2.508     | 1027.2   | 1100.568 | 8.819     | -92.018  | -89.84  | 0.0       |
| 16    | 10816       | 10817     | SN   | 1    | 48.518          | 49.51  | 0.0       | 0.003         | 6.855   | 2.511     | 1026.888 | 1100.568 | 8.8       | -92.018  | -89.84  | 0.0       |
| 17    | 10816       | 10817     | NS   | 1    | 48.653          | 49.402 | 0.0       | 0.003         | 264.152 | 2.586     | 1025.144 | 1100.152 | 9.115     | -91.598  | -89.72  | 0.0       |
| 18    | 10817       | 10818     | NS   | 1    | 48.626          | 49.403 | 0.0       | 0.003         | 42.341  | 2.632     | 1024.568 | 1100.04  | 8.852     | -91.638  | -89.754 | 0.0       |
| 19    | 10817       | 10818     | SN   | 1    | 48.61           | 49.52  | 0.0       | 0.003         | 6.855   | 2.572     | 1026.624 | 1100.448 | 8.839     | -93.672  | -89.845 | 0.0       |
| 20    | 10817       | 10818     | SN   | 1    | 48.61           | 49.449 | 0.0       | 0.003         | 6.855   | 18.592    | 1029.008 | 1100.448 | 64.64     | -100.046 | -89.864 | 0.005     |
| 21    | 10817       | 10818     | SN   | 1    | 49.186          | 49.449 | 0.0       | 0.003         | 6.855   | 17.486    | 1095.36  | 1100.448 | 98.916    | -91.454  | -90.47  | 0.0       |
| 22    | 10817       | 10818     | NS   | 1    | 48.625          | 49.402 | 0.0       | 0.003         | 13.192  | 2.63      | 1024.56  | 1100.048 | 8.847     | -91.748  | -89.753 | 0.0       |
| 23    | 10818       | 10819     | SN   | 2    | 48.683          | 49.569 | 0.0       | 0.003         | 6.844   | 2.544     | 1026.384 | 1100.352 | 8.957     | -91.812  | -89.854 | 0.0       |
| 24    | 10818       | 10819     | NS   | 1    | 48.623          | 49.402 | 0.0       | 0.0           | 44.798  | 2.759     | 1024.744 | 1099.96  | 9.256     | -91.704  | -89.785 | 0.0       |
| 25    | 10818       | 10819     | SN   | 1    | 48.683          | 49.569 | 0.0       | 0.003         | 6.844   | 2.087     | 1026.384 | 1100.352 | 9.23      | -91.812  | -89.854 | 0.0       |
| 26    | 10818       | 10819     | SN   | 1    | 48.683          | 49.569 | 0.0       | 0.003         | 6.844   | 2.544     | 1026.384 | 1100.352 | 8.957     | -91.812  | -89.854 | 0.0       |
| 27    | 10819       | 10820     | SN   | 1    | 48.71           | 49.537 | 0.0       | 0.003         | 6.839   | 2.566     | 1026.64  | 1100.224 | 9.01      | -91.901  | -89.845 | 0.0       |
| 28    | 10819       | 10820     | NS   | 2    | 48.595          | 49.402 | 0.0       | 0.0           | 264.626 | 2.761     | 1024.688 | 1099.848 | 8.856     | -92.969  | -89.774 | 0.0       |
| 29    | 10819       | 10820     | NS   | 1    | 48.595          | 49.402 | 0.0       | 0.0           | 264.626 | 2.762     | 1024.688 | 1099.84  | 8.856     | -92.969  | -89.774 | 0.0       |
| 30    | 10819       | 10820     | SN   | 1    | 48.679          | 49.537 | 0.0       | 0.003         | 276.886 | 2.396     | 1026.352 | 1100.224 | 9.124     | -91.901  | -89.845 | 0.0       |
| 31    | 10820       | 10821     | NS   | 1    | 48.65           | 49.426 | 0.0       | 0.0           | 264.731 | 2.704     | 1025.192 | 1099.864 | 8.314     | -91.891  | -89.792 | 0.0       |
| 32    | 10820       | 10821     | NS   | 1    | 48.652          | 49.442 | 0.0       | 0.0           | 264.731 | 2.705     | 1025.208 | 1099.856 | 8.328     | -91.838  | -89.792 | 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 | 10820 | 10821 | SN | 1 | 48.668 | 49.509 | 0.0 | 0.003 | 6.828   | 2.664 | 1026.2   | 1100.272 | 9.402  | -93.651 | -89.843 | 0.0 |
| 34 | 10820 | 10821 | SN | 2 | 48.668 | 49.509 | 0.0 | 0.003 | 6.828   | 2.664 | 1026.2   | 1100.272 | 9.402  | -93.651 | -89.843 | 0.0 |
| 35 | 10821 | 10822 | NS | 1 | 48.614 | 49.404 | 0.0 | 0.0   | 38.688  | 2.743 | 1024.616 | 1100.0   | 8.295  | -91.789 | -89.793 | 0.0 |
| 36 | 10821 | 10822 | SN | 1 | 48.72  | 49.509 | 0.0 | 0.003 | 215.631 | 2.603 | 1027.312 | 1100.392 | 9.164  | -91.586 | -89.804 | 0.0 |
| 37 | 10822 | 10823 | SN | 1 | 48.724 | 49.509 | 0.0 | 0.003 | 215.614 | 2.545 | 1027.352 | 1100.392 | 9.561  | -91.455 | -89.782 | 0.0 |
| 38 | 10822 | 10823 | NS | 1 | 48.656 | 49.403 | 0.0 | 0.003 | 206.912 | 2.686 | 1025.432 | 1099.992 | 9.216  | -91.719 | -89.794 | 0.0 |
| 39 | 10823 | 10824 | SN | 1 | 48.722 | 49.508 | 0.0 | 0.003 | 129.376 | 2.632 | 1027.184 | 1100.248 | 9.588  | -92.937 | -89.817 | 0.0 |
| 40 | 10823 | 10824 | NS | 1 | 48.658 | 49.402 | 0.0 | 0.003 | 210.502 | 2.725 | 1025.624 | 1099.848 | 9.144  | -91.832 | -89.768 | 0.0 |
| 41 | 10823 | 10824 | NS | 1 | 48.658 | 49.402 | 0.0 | 0.003 | 210.502 | 2.738 | 1025.624 | 1099.848 | 9.237  | -91.832 | -89.768 | 0.0 |
| 42 | 10824 | 10825 | SN | 1 | 48.666 | 49.508 | 0.0 | 0.003 | 281.414 | 2.665 | 1026.208 | 1100.288 | 10.149 | -91.611 | -89.838 | 0.0 |
| 43 | 10824 | 10825 | SN | 2 | 48.666 | 49.508 | 0.0 | 0.003 | 282.34  | 2.663 | 1026.208 | 1100.296 | 10.146 | -91.611 | -89.838 | 0.0 |
| 44 | 10824 | 10825 | NS | 1 | 48.601 | 49.402 | 0.0 | 0.003 | 267.13  | 2.672 | 1024.68  | 1099.912 | 8.829  | -91.816 | -89.776 | 0.0 |
| 45 | 10824 | 10825 | NS | 1 | 48.612 | 49.402 | 0.0 | 0.003 | 267.13  | 2.67  | 1024.776 | 1099.912 | 8.817  | -91.712 | -89.776 | 0.0 |
| 46 | 10824 | 10825 | NS | 1 | 48.601 | 49.402 | 0.0 | 0.003 | 267.13  | 2.603 | 1024.68  | 1099.672 | 8.246  | -91.816 | -89.776 | 0.0 |
| 47 | 10825 | 10826 | NS | 1 | 48.614 | 49.403 | 0.0 | 0.003 | 267.318 | 2.584 | 1025.184 | 1099.96  | 9.039  | -91.44  | -89.795 | 0.0 |
| 48 | 10825 | 10826 | SN | 1 | 48.72  | 49.508 | 0.0 | 0.003 | 6.839   | 2.591 | 1026.952 | 1100.352 | 10.016 | -91.735 | -89.831 | 0.0 |
| 49 | 10825 | 10826 | SN | 1 | 48.7   | 49.508 | 0.0 | 0.003 | 6.839   | 2.593 | 1026.664 | 1100.352 | 10.025 | -91.735 | -89.831 | 0.0 |
| 50 | 10825 | 10826 | NS | 1 | 48.614 | 49.403 | 0.0 | 0.003 | 267.318 | 2.589 | 1024.856 | 1099.968 | 9.058  | -91.935 | -89.795 | 0.0 |
| 51 | 10826 | 10827 | NS | 1 | 48.618 | 49.403 | 0.0 | 0.0   | 47.903  | 1.817 | 1024.64  | 1097.68  | 2.188  | -91.592 | -89.794 | 0.0 |
| 52 | 10826 | 10827 | SN | 1 | 48.719 | 49.508 | 0.0 | 0.003 | 280.967 | 2.577 | 1026.92  | 1100.416 | 9.585  | -91.581 | -89.833 | 0.0 |
| 53 | 10826 | 10827 | SN | 1 | 48.719 | 49.508 | 0.0 | 0.003 | 280.967 | 2.575 | 1026.888 | 1100.416 | 9.576  | -91.581 | -89.833 | 0.0 |
| 54 | 10826 | 10827 | NS | 1 | 48.618 | 49.403 | 0.0 | 0.0   | 47.903  | 2.756 | 1024.64  | 1100.048 | 9.407  | -91.592 | -89.794 | 0.0 |
| 55 | 10826 | 10827 | NS | 2 | 48.618 | 49.403 | 0.0 | 0.0   | 47.903  | 2.756 | 1024.64  | 1100.048 | 9.407  | -91.592 | -89.794 | 0.0 |
| 56 | 10827 | 10828 | SN | 1 | 48.72  | 49.509 | 0.0 | 0.003 | 215.868 | 2.659 | 1026.688 | 1100.496 | 9.758  | -91.594 | -89.851 | 0.0 |
| 57 | 10827 | 10828 | SN | 2 | 48.72  | 49.509 | 0.0 | 0.003 | 215.868 | 2.659 | 1026.688 | 1100.496 | 9.758  | -91.594 | -89.851 | 0.0 |
| 58 | 10827 | 10828 | NS | 1 | 48.603 | 49.412 | 0.0 | 0.003 | 265.338 | 2.579 | 1024.336 | 1100.096 | 9.862  | -91.767 | -89.793 | 0.0 |
| 59 | 10827 | 10828 | NS | 2 | 48.603 | 49.412 | 0.0 | 0.003 | 41.238  | 2.579 | 1024.336 | 1100.112 | 9.864  | -91.767 | -89.793 | 0.0 |
| 60 | 10827 | 10828 | SN | 1 | 48.709 | 49.509 | 0.0 | 0.003 | 215.868 | 1.568 | 1026.424 | 1100.496 | 10.275 | -91.703 | -89.851 | 0.0 |
| 61 | 10827 | 10828 | NS | 1 | 48.603 | 49.412 | 0.0 | 0.003 | 41.238  | 1.498 | 1024.336 | 1094.864 | 0.001  | -91.818 | -89.793 | 0.0 |
| 62 | 10828 | 10829 | SN | 1 | 48.699 | 49.508 | 0.0 | 0.003 | 6.85    | 2.076 | 1026.344 | 1100.424 | 10.186 | -91.61  | -89.848 | 0.0 |
| 63 | 10828 | 10829 | NS | 2 | 48.623 | 49.471 | 0.0 | 0.003 | 264.158 | 2.732 | 1025.504 | 1100.04  | 10.071 | -91.863 | -89.769 | 0.0 |
| 64 | 10828 | 10829 | SN | 1 | 48.655 | 49.508 | 0.0 | 0.003 | 6.85    | 2.711 | 1026.304 | 1100.424 | 9.906  | -91.733 | -89.848 | 0.0 |
| 65 | 10828 | 10829 | NS | 1 | 48.619 | 49.472 | 0.0 | 0.003 | 43.626  | 2.732 | 1024.672 | 1100.016 | 10.064 | -91.863 | -89.769 | 0.0 |
| 66 | 10828 | 10829 | SN | 1 | 48.699 | 49.508 | 0.0 | 0.003 | 6.85    | 2.697 | 1026.344 | 1100.424 | 9.806  | -91.61  | -89.848 | 0.0 |
| 67 | 10829 | 10830 | SN | 1 | 48.717 | 49.524 | 0.0 | 0.003 | 6.85    | 2.618 | 1026.8   | 1100.368 | 9.497  | -91.76  | -89.845 | 0.0 |
| 68 | 10829 | 10830 | SN | 2 | 48.717 | 49.524 | 0.0 | 0.003 | 6.85    | 2.618 | 1026.8   | 1100.368 | 9.497  | -91.76  | -89.845 | 0.0 |
| 69 | 10829 | 10830 | NS | 1 | 48.657 | 49.405 | 0.0 | 0.003 | 210.612 | 2.567 | 1025.744 | 1100.024 | 9.525  | -91.449 | -89.78  | 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  | 10829 | 10830 | NS | 1 | 48.657 | 49.405 | 0.0 | 0.003 | 210.612 | 2.565  | 1025.744 | 1100.024 | 9.517  | -91.44  | -89.78  | 0.0 |
| 71  | 10829 | 10830 | SN | 1 | 48.717 | 49.524 | 0.0 | 0.003 | 6.85    | 2.476  | 1026.8   | 1100.368 | 9.618  | -91.731 | -89.845 | 0.0 |
| 72  | 10830 | 10831 | NS | 1 | 48.658 | 49.406 | 0.0 | 0.0   | 47.115  | 2.651  | 1025.904 | 1100.216 | 9.438  | -91.678 | -89.727 | 0.0 |
| 73  | 10830 | 10831 | SN | 1 | 48.694 | 49.507 | 0.0 | 0.0   | 255.664 | 4.156  | 1026.52  | 1100.52  | 8.982  | -92.704 | -89.827 | 0.0 |
| 74  | 10830 | 10831 | NS | 1 | 48.658 | 49.406 | 0.0 | 0.0   | 47.115  | 2.649  | 1025.904 | 1100.216 | 9.429  | -91.605 | -89.727 | 0.0 |
| 75  | 10830 | 10831 | SN | 1 | 48.518 | 49.507 | 0.0 | 0.0   | 255.664 | 4.27   | 1026.52  | 1100.52  | 8.889  | -93.72  | -89.827 | 0.0 |
| 76  | 10831 | 10832 | SN | 1 | 48.597 | 49.492 | 0.0 | 0.0   | 231.878 | 18.12  | 1027.84  | 1100.432 | 36.989 | -93.693 | -89.854 | 0.0 |
| 77  | 10831 | 10832 | SN | 1 | 48.597 | 49.511 | 0.0 | 0.0   | 231.878 | 3.679  | 1026.272 | 1100.528 | 8.459  | -93.693 | -89.849 | 0.0 |
| 78  | 10831 | 10832 | NS | 1 | 48.644 | 49.407 | 0.0 | 0.0   | 219.96  | 2.541  | 1025.728 | 1100.144 | 8.298  | -91.715 | -89.769 | 0.0 |
| 79  | 10831 | 10832 | NS | 1 | 48.644 | 49.407 | 0.0 | 0.0   | 219.96  | 2.684  | 1025.728 | 1100.2   | 9.377  | -91.715 | -89.769 | 0.0 |
| 80  | 10831 | 10832 | SN | 1 | 48.597 | 49.492 | 0.0 | 0.0   | 231.878 | 18.527 | 1028.248 | 1100.432 | 46.254 | -93.693 | -89.854 | 0.0 |
| 81  | 10832 | 10833 | NS | 1 | 48.66  | 49.407 | 0.0 | 0.003 | 266.821 | 2.622  | 1026.168 | 1100.016 | 9.657  | -94.296 | -89.771 | 0.0 |
| 82  | 10832 | 10833 | SN | 1 | 48.699 | 49.504 | 0.0 | 0.003 | 6.844   | 2.522  | 1025.896 | 1100.296 | 8.494  | -91.857 | -89.848 | 0.0 |
| 83  | 10832 | 10833 | NS | 2 | 48.66  | 49.407 | 0.0 | 0.003 | 266.821 | 2.621  | 1026.168 | 1100.016 | 9.656  | -91.671 | -89.771 | 0.0 |
| 84  | 10832 | 10833 | SN | 1 | 48.655 | 49.504 | 0.0 | 0.003 | 6.844   | 2.524  | 1025.144 | 1100.296 | 8.503  | -91.857 | -89.848 | 0.0 |
| 85  | 10833 | 10834 | SN | 1 | 48.714 | 49.504 | 0.0 | 0.003 | 279.644 | 2.557  | 1026.192 | 1100.2   | 8.255  | -91.683 | -89.845 | 0.0 |
| 86  | 10833 | 10834 | SN | 1 | 48.714 | 49.504 | 0.0 | 0.003 | 279.644 | 2.52   | 1026.192 | 1100.2   | 8.275  | -91.683 | -89.845 | 0.0 |
| 87  | 10833 | 10834 | NS | 1 | 48.634 | 49.436 | 0.0 | 0.0   | 210.452 | 2.776  | 1025.68  | 1099.904 | 9.681  | -91.655 | -89.792 | 0.0 |
| 88  | 10834 | 10835 | SN | 1 | 48.673 | 49.502 | 0.0 | 0.003 | 215.769 | 2.627  | 1026.08  | 1100.128 | 8.68   | -91.893 | -89.829 | 0.0 |
| 89  | 10834 | 10835 | NS | 2 | 48.654 | 49.406 | 0.0 | 0.003 | 266.761 | 2.572  | 1025.944 | 1099.856 | 8.434  | -91.747 | -89.798 | 0.0 |
| 90  | 10834 | 10835 | SN | 2 | 48.674 | 49.504 | 0.0 | 0.003 | 282.528 | 2.628  | 1026.112 | 1100.136 | 8.66   | -91.893 | -89.829 | 0.0 |
| 91  | 10834 | 10835 | NS | 1 | 48.654 | 49.406 | 0.0 | 0.003 | 266.761 | 2.572  | 1025.944 | 1099.856 | 8.434  | -91.747 | -89.798 | 0.0 |
| 92  | 10834 | 10835 | SN | 1 | 48.674 | 49.504 | 0.0 | 0.003 | 282.528 | 2.255  | 1026.112 | 1100.136 | 8.87   | -91.681 | -89.829 | 0.0 |
| 93  | 10835 | 10836 | NS | 1 | 48.6   | 49.467 | 0.0 | 0.003 | 264.577 | 2.64   | 1025.2   | 1099.976 | 8.543  | -91.892 | -89.801 | 0.0 |
| 94  | 10835 | 10836 | SN | 1 | 48.715 | 49.505 | 0.0 | 0.003 | 28.582  | 1.785  | 1026.456 | 1100.272 | 9.818  | -91.636 | -89.828 | 0.0 |
| 95  | 10835 | 10836 | SN | 2 | 48.715 | 49.505 | 0.0 | 0.003 | 28.582  | 2.683  | 1026.456 | 1100.272 | 9.281  | -91.923 | -89.828 | 0.0 |
| 96  | 10835 | 10836 | SN | 1 | 48.715 | 49.505 | 0.0 | 0.003 | 28.582  | 2.683  | 1026.456 | 1100.272 | 9.281  | -91.923 | -89.828 | 0.0 |
| 97  | 10835 | 10836 | NS | 1 | 48.6   | 49.42  | 0.0 | 0.003 | 264.577 | 2.642  | 1025.2   | 1099.976 | 8.552  | -91.841 | -89.801 | 0.0 |
| 98  | 10836 | 10837 | NS | 1 | 48.659 | 49.442 | 0.0 | 0.003 | 210.833 | 2.625  | 1026.152 | 1100.024 | 9.2    | -91.857 | -89.802 | 0.0 |
| 99  | 10836 | 10837 | SN | 2 | 48.698 | 49.506 | 0.0 | 0.003 | 215.328 | 2.582  | 1026.224 | 1100.32  | 9.221  | -91.741 | -89.785 | 0.0 |
| 100 | 10836 | 10837 | NS | 1 | 48.659 | 49.441 | 0.0 | 0.003 | 210.833 | 2.627  | 1026.152 | 1100.024 | 9.209  | -91.83  | -89.802 | 0.0 |
| 101 | 10836 | 10837 | SN | 1 | 48.698 | 49.506 | 0.0 | 0.003 | 215.322 | 2.584  | 1026.216 | 1100.328 | 9.231  | -91.741 | -89.785 | 0.0 |
| 102 | 10837 | 10838 | SN | 1 | 48.705 | 49.505 | 0.0 | 0.003 | 281.491 | 2.554  | 1026.16  | 1100.248 | 9.217  | -91.812 | -89.812 | 0.0 |
| 103 | 10837 | 10838 | NS | 1 | 48.632 | 49.406 | 0.0 | 0.0   | 44.782  | 2.81   | 1025.744 | 1099.944 | 9.609  | -91.557 | -89.795 | 0.0 |
| 104 | 10837 | 10838 | NS | 1 | 48.662 | 49.406 | 0.0 | 0.0   | 44.782  | 2.807  | 1026.376 | 1099.944 | 9.6    | -91.557 | -89.795 | 0.0 |
| 105 | 10838 | 10839 | NS | 1 | 48.661 | 49.406 | 0.0 | 0.003 | 210.447 | 2.697  | 1026.456 | 1099.888 | 9.414  | -91.91  | -89.771 | 0.0 |
| 106 | 10838 | 10839 | SN | 1 | 48.717 | 49.504 | 0.0 | 0.003 | 215.681 | 2.63   | 1026.376 | 1100.176 | 9.503  | -91.758 | -89.821 | 0.0 |

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

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

|     |       |       |    |   |        |        |     |       |         |       |          |          |        |         |         |     |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 107 | 10839 | 10840 | NS | 1 | 48.611 | 49.405 | 0.0 | 0.003 | 267.119 | 2.604 | 1025.392 | 1099.952 | 9.361  | -91.451 | -89.804 | 0.0 |
| 108 | 10839 | 10840 | SN | 1 | 48.654 | 49.504 | 0.0 | 0.003 | 280.399 | 2.614 | 1025.512 | 1100.232 | 9.333  | -91.654 | -89.82  | 0.0 |
| 109 | 10840 | 10841 | SN | 1 | 48.699 | 49.504 | 0.0 | 0.003 | 215.736 | 2.576 | 1025.872 | 1100.232 | 9.422  | -92.21  | -89.819 | 0.0 |
| 110 | 10840 | 10841 | NS | 1 | 48.611 | 49.405 | 0.0 | 0.0   | 267.13  | 2.738 | 1025.84  | 1099.96  | 9.598  | -91.505 | -89.802 | 0.0 |
| 111 | 10841 | 10842 | SN | 2 | 48.7   | 49.505 | 0.0 | 0.003 | 280.41  | 2.576 | 1025.6   | 1100.328 | 9.335  | -91.633 | -89.785 | 0.0 |
| 112 | 10841 | 10842 | NS | 1 | 48.659 | 49.436 | 0.0 | 0.003 | 210.496 | 2.582 | 1026.064 | 1100.048 | 10.006 | -91.819 | -89.801 | 0.0 |
| 113 | 10841 | 10842 | NS | 1 | 48.659 | 49.436 | 0.0 | 0.003 | 210.496 | 2.583 | 1026.064 | 1100.048 | 10.015 | -91.755 | -89.801 | 0.0 |
| 114 | 10841 | 10842 | NS | 1 | 48.659 | 49.459 | 0.0 | 0.003 | 210.496 | 1.461 | 1026.064 | 1096.856 | 0.745  | -91.755 | -89.801 | 0.0 |
| 115 | 10841 | 10842 | SN | 1 | 48.7   | 49.505 | 0.0 | 0.003 | 280.41  | 2.576 | 1025.6   | 1100.328 | 9.335  | -91.633 | -89.785 | 0.0 |
| 116 | 10842 | 10843 | NS | 1 | 48.61  | 49.444 | 0.0 | 0.003 | 42.485  | 2.62  | 1025.896 | 1100.072 | 10.039 | -91.936 | -89.801 | 0.0 |
| 117 | 10842 | 10843 | NS | 1 | 48.61  | 49.444 | 0.0 | 0.003 | 42.485  | 2.368 | 1025.896 | 1099.36  | 7.907  | -91.936 | -89.801 | 0.0 |
| 118 | 10842 | 10843 | NS | 1 | 48.659 | 49.407 | 0.0 | 0.003 | 42.485  | 2.632 | 1026.12  | 1100.072 | 10.03  | -91.749 | -89.801 | 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     | 10813       | 10814     | SN   | 2    | -33.749 | 24.533 | 1.378      | -34.654  | 26.675 | 5.321      | 0.627    | 28.92  | 15.343     | 1.233     | 28.991 | 16.714     | 0.116   | 229.818 | 3.407      | 0.116    | 283.003 | 2.901      | 0.116    | 0.188 | 0.0        | 0.116     | 0.178   | 0.0        |
| 2     | 10813       | 10814     | SN   | 1    | -34.028 | 21.703 | 0.0        | -34.699  | 25.88  | 0.273      | 0.684    | 28.908 | 5.051      | 1.236     | 29.025 | 12.269     | 0.116   | 244.993 | 4.293      | 0.116    | 285.982 | 4.056      | 0.116    | 0.187 | 0.0        | 0.116     | 0.178   | 0.0        |
| 3     | 10813       | 10814     | SN   | 1    | -33.749 | 24.533 | 1.378      | -34.654  | 26.675 | 5.321      | 0.627    | 28.92  | 15.346     | 1.233     | 28.991 | 16.715     | 0.116   | 229.818 | 3.407      | 0.116    | 283.003 | 2.901      | 0.116    | 0.188 | 0.0        | 0.116     | 0.178   | 0.0        |
| 4     | 10813       | 10814     | SN   | 1    | -34.959 | 24.426 | 1.651      | -34.699  | 26.668 | 6.774      | 0.621    | 28.917 | 6.645      | 1.236     | 29.01  | 12.653     | 0.116   | 303.577 | 4.128      | 0.116    | 285.982 | 3.68       | 0.116    | 0.188 | 0.0        | 0.116     | 0.178   | 0.0        |
| 5     | 10814       | 10815     | SN   | 1    | -33.05  | 25.917 | 4.377      | -34.017  | 26.702 | 8.314      | -9.566   | 35.806 | 13.357     | -3.686    | 29.348 | 17.426     | 0.116   | 195.692 | 3.232      | 0.116    | 244.425 | 2.398      | 0.116    | 0.969 | 0.0        | 0.116     | 0.324   | 0.0        |
| 6     | 10814       | 10815     | SN   | 1    | -33.05  | 25.917 | 2.458      | -34.017  | 26.698 | 8.135      | -9.572   | 35.806 | 13.357     | -3.686    | 29.348 | 17.426     | 0.116   | 195.692 | 3.31       | 0.116    | 244.425 | 2.497      | 0.116    | 0.97  | 0.0        | 0.116     | 0.324   | 0.0        |
| 7     | 10814       | 10815     | SN   | 1    | -33.997 | 25.919 | 4.375      | -34.014  | 26.7   | 8.301      | -9.538   | 35.806 | 13.364     | -3.683    | 29.348 | 17.429     | 0.116   | 243.26  | 3.222      | 0.116    | 244.295 | 2.389      | 0.116    | 0.963 | 0.0        | 0.116     | 0.324   | 0.0        |
| 8     | 10814       | 10815     | NS   | 1    | -34.434 | 27.368 | 3.076      | -34.73   | 26.722 | 0.219      | 2.813    | 32.046 | 15.74      | 5.573     | 33.372 | 27.318     | 0.116   | 269.087 | 3.732      | 0.116    | 288.065 | 3.729      | 0.116    | 0.158 | 0.0        | 0.116     | 0.138   | 0.0        |
| 9     | 10815       | 10816     | SN   | 1    | -33.958 | 26.149 | 2.912      | -34.905  | 27.101 | 5.197      | -18.703  | 33.159 | 9.348      | -6.732    | 30.004 | 5.54       | 0.116   | 241.109 | 2.243      | 0.116    | 299.86  | 2.108      | 0.116    | 7.278 | 0.006      | 0.116     | 0.55    | 0.0        |
| 10    | 10815       | 10816     | NS   | 1    | -31.662 | 25.766 | 1.765      | -34.012  | 26.4   | 0.099      | -6.737   | 29.983 | 12.985     | -2.108    | 34.272 | 24.449     | 0.116   | 142.148 | 1.096      | 0.116    | 244.127 | 0.952      | 0.116    | 0.551 | 0.0        | 0.116     | 0.257   | 0.0        |
| 11    | 10815       | 10816     | SN   | 1    | -33.778 | 26.148 | 2.91       | -34.894  | 27.101 | 5.189      | -18.697  | 33.159 | 9.395      | -6.731    | 30.004 | 5.538      | 0.116   | 231.345 | 2.236      | 0.116    | 299.098 | 2.103      | 0.116    | 7.267 | 0.006      | 0.116     | 0.55    | 0.0        |
| 12    | 10815       | 10816     | NS   | 2    | -31.662 | 25.766 | 1.765      | -33.834  | 26.4   | 0.099      | -6.737   | 29.983 | 12.985     | -2.108    | 34.272 | 24.448     | 0.116   | 142.148 | 1.096      | 0.116    | 234.335 | 0.952      | 0.116    | 0.551 | 0.0        | 0.116     | 0.257   | 0.0        |
| 13    | 10815       | 10816     | SN   | 1    | -33.778 | 26.148 | 3.346      | -34.894  | 27.101 | 5.188      | -18.697  | 33.159 | 9.395      | -6.731    | 30.004 | 5.538      | 0.116   | 231.345 | 2.222      | 0.116    | 299.098 | 2.098      | 0.116    | 7.267 | 0.006      | 0.116     | 0.55    | 0.0        |
| 14    | 10816       | 10817     | SN   | 1    | -34.377 | 25.305 | 0.852      | -34.982  | 25.41  | 1.814      | 6.513    | 27.64  | 15.692     | 8.012     | 28.626 | 9.462      | 0.116   | 265.609 | 2.057      | 0.116    | 305.257 | 1.723      | 0.116    | 0.133 | 0.0        | 0.116     | 0.128   | 0.0        |
| 15    | 10816       | 10817     | SN   | 1    | -34.81  | 25.305 | 1.101      | -34.184  | 25.41  | 1.867      | 6.513    | 27.642 | 15.696     | 8.012     | 28.626 | 9.458      | 0.116   | 293.416 | 2.032      | 0.116    | 254.043 | 1.835      | 0.116    | 0.133 | 0.0        | 0.116     | 0.128   | 0.0        |
| 16    | 10816       | 10817     | SN   | 1    | -34.377 | 25.305 | 1.101      | -34.84   | 25.41  | 1.869      | 6.513    | 27.64  | 15.692     | 8.012     | 28.626 | 9.458      | 0.116   | 265.609 | 2.031      | 0.116    | 295.403 | 1.84       | 0.116    | 0.133 | 0.0        | 0.116     | 0.128   | 0.0        |
| 17    | 10816       | 10817     | NS   | 1    | -34.577 | 24.596 | 0.811      | -34.682  | 24.178 | 0.111      | -3.204   | 28.676 | 10.539     | -3.714    | 28.818 | 19.322     | 0.116   | 278.064 | 4.9        | 0.116    | 284.836 | 5.154      | 0.116    | 0.301 | 0.0        | 0.116     | 0.325   | 0.0        |
| 18    | 10817       | 10818     | NS   | 1    | -34.315 | 25.267 | 0.544      | -34.456  | 24.089 | 0.326      | -17.727  | 31.14  | 6.232      | -17.312   | 31.706 | 12.1       | 0.116   | 261.812 | 3.188      | 0.116    | 270.463 | 3.001      | 0.116    | 5.83  | 0.001      | 0.116     | 5.308   | 0.004      |
| 19    | 10817       | 10818     | SN   | 1    | -34.818 | 24.67  | 0.407      | -34.229  | 24.808 | 0.906      | 6.458    | 27.442 | 12.322     | 6.852     | 27.068 | 8.243      | 0.116   | 293.92  | 2.495      | 0.116    | 256.653 | 2.465      | 0.116    | 0.133 | 0.0        | 0.116     | 0.132   | 0.0        |
| 20    | 10817       | 10818     | SN   | 1    | -29.711 | 24.205 | 7.834      | -29.049  | 23.824 | 8.433      | 7.833    | 27.442 | 24.004     | -30.629   | 27.068 | 8.876      | 0.116   | 90.749  | 2.891      | 0.116    | 77.942  | 3.121      | 0.116    | 0.128 | 0.0        | 0.116     | 120.025 | 0.116      |
| 21    | 10817       | 10818     | SN   | 1    | 8.274   | 20.937 | 0.0        | 6.547    | 21.182 | 0.0        | 7.831    | 27.442 | 23.907     | 7.594     | 27.07  | 9.618      | 0.116   | 0.127   | 0.0        | 0.116    | 0.133   | 0.0        | 0.116    | 0.128 | 0.0        | 0.116     | 0.129   | 0.0        |
| 22    | 10817       | 10818     | NS   | 1    | -34.315 | 25.266 | 0.543      | -34.631  | 24.089 | 0.325      | -17.728  | 31.14  | 6.22       | -17.317   | 31.706 | 12.09      | 0.116   | 261.812 | 3.188      | 0.116    | 281.53  | 3.023      | 0.116    | 5.832 | 0.001      | 0.116     | 5.313   | 0.004      |
| 23    | 10818       | 10819     | SN   | 2    | -34.761 | 23.501 | 0.047      | -34.895  | 24.041 | 0.55       | 5.735    | 28.674 | 14.131     | 8.874     | 28.335 | 17.098     | 0.116   | 290.094 | 3.747      | 0.116    | 299.211 | 3.335      | 0.116    | 0.137 | 0.0        | 0.116     | 0.126   | 0.0        |
| 24    | 10818       | 10819     | NS   | 1    | -34.781 | 23.621 | 0.583      | -32.874  | 24.212 | 0.46       | -8.584   | 36.383 | 8.43       | -9.508    | 29.081 | 16.742     | 0.116   | 291.462 | 2.81       | 0.116    | 187.887 | 2.067      | 0.116    | 0.792 | 0.0        | 0.116     | 0.957   | 0.0        |
| 25    | 10818       | 10819     | SN   | 1    | -33.884 | 23.501 | 0.035      | -34.895  | 23.691 | 0.061      | 5.735    | 28.674 | 14.464     | 8.874     | 28.335 | 17.476     | 0.116   | 237.092 | 3.579      | 0.116    | 299.211 | 3.37       | 0.116    | 0.137 | 0.0        | 0.116     | 0.126   | 0.0        |
| 26    | 10818       | 10819     | SN   | 1    | -34.174 | 23.501 | 0.047      | -34.895  | 24.041 | 0.55       | 5.735    | 28.674 | 14.131     | 8.874     | 28.335 | 17.098     | 0.116   | 253.48  | 3.748      | 0.116    | 299.211 | 3.335      | 0.116    | 0.137 | 0.0        | 0.116     | 0.126   | 0.0        |
| 27    | 10819       | 10820     | SN   | 1    | -34.898 | 22.526 | 0.012      | -34.768  | 24.42  | 0.647      | 6.096    | 27.628 | 12.808     | 8.549     | 28.621 | 12.367     | 0.116   | 299.417 | 3.958      | 0.116    | 290.631 | 3.408      | 0.116    | 0.135 | 0.0        | 0.116     | 0.126   | 0.0        |
| 28    | 10819       | 10820     | NS   | 2    | -34.758 | 23.674 | 0.486      | -34.863  | 26.664 | 0.399      | -14.907  | 29.696 | 8.478      | -8.128    | 31.585 | 15.285     | 0.116   | 289.847 | 1.82       | 0.116    | 296.99  | 1.411      | 0.116    | 3.089 | 0.002      | 0.116     | 0.722   | 0.0        |
| 29    | 10819       | 10820     | NS   | 1    | -34.688 | 23.674 | 0.486      | -34.863  | 26.664 | 0.399      | -14.907  | 29.696 | 8.478      | -8.128    | 31.585 | 15.282     | 0.116   | 285.248 | 1.82       | 0.116    | 296.99  | 1.411      | 0.116    | 3.089 | 0.002      | 0.116     | 0.722   | 0.0        |
| 30    | 10819       | 10820     | SN   | 1    | -33.952 | 22.107 | 0.002      | -34.736  | 24.42  | 0.424      | 6.096    | 27.628 | 12.808     | 8.549     | 28.621 | 12.365     | 0.116   | 240.818 | 4.013      | 0.116    | 288.462 | 3.462      | 0.116    | 0.135 | 0.0        | 0.116     | 0.126   | 0.0        |
| 31    | 10820       | 10821     | NS   | 1    | -34.372 | 26.108 | 0.673      | -34.71   | 27.045 | 0.792      | 7.386    | 28.465 | 13.275     | 8.325     | 29.228 | 22.135     | 0.116   | 265.328 | 1.956      | 0.116    | 286.651 | 1.347      | 0.116    | 0.13  | 0.0        | 0.116     | 0.127   | 0.0        |
| 32    | 10820       | 10821     | NS   | 1    | -34.249 | 26.109 | 0.673      | -34.317  | 27.045 | 0.793      | 7.386    | 28.464 | 13.324     | 8.326     | 29.229 | 22.166     | 0.116   | 257.809 | 1.958      | 0.116    | 261.883 | 1.349      | 0.116    | 0.13  | 0.0        | 0.116     | 0.127   | 0.0        |
| 33    | 10820       | 10821     | SN   | 1    | -34.744 | 23.349 | 0.065      | -34.125  | 24.802 | 1.646      | -11.18   | 31.881 | 10.829     | -17.173   | 34.42  | 11.665     | 0.116   | 288.95  | 6.308      | 0.116    | 250.61  | 4.896      | 0.116    | 1.363 | 0.002      | 0.116     | 5.143   | 0.008      |

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

|  |  |
|--|--|
| <span style="color: green;">■</span> Normal    | <span style="color: yellow;">■</span> Deviations |
| <span style="color: orange;">■</span> Alarming | <span style="color: red;">■</span> High Errors   |

|    |       |       |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |        |       |       |        |       |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 34 | 10820 | 10821 | SN | 2 | -34.744 | 23.349 | 0.065 | -34.125 | 24.802 | 1.646 | -11.18  | 31.881 | 10.829 | -17.173 | 34.42  | 11.665 | 0.116 | 288.95  | 6.308 | 0.116 | 250.61  | 4.896 | 0.116 | 1.363  | 0.002 | 0.116 | 5.143  | 0.008 |
| 35 | 10821 | 10822 | NS | 1 | -34.648 | 24.474 | 0.614 | -34.81  | 26.75  | 0.463 | 0.119   | 31.233 | 17.386 | 4.519   | 30.92  | 30.247 | 0.116 | 282.682 | 3.353 | 0.116 | 293.364 | 3.045 | 0.116 | 0.198  | 0.0   | 0.116 | 0.144  | 0.0   |
| 36 | 10821 | 10822 | SN | 1 | -34.793 | 25.752 | 0.186 | -33.752 | 25.311 | 2.297 | -17.363 | 29.27  | 16.005 | -8.722  | 31.886 | 20.57  | 0.116 | 292.227 | 3.353 | 0.116 | 229.986 | 2.657 | 0.116 | 5.369  | 0.003 | 0.116 | 0.814  | 0.0   |
| 37 | 10822 | 10823 | SN | 1 | -32.813 | 25.122 | 0.238 | -32.733 | 24.936 | 1.899 | -10.753 | 29.183 | 16.503 | -0.295  | 30.724 | 17.821 | 0.116 | 185.293 | 0.531 | 0.116 | 181.903 | 0.617 | 0.116 | 1.244  | 0.002 | 0.116 | 0.206  | 0.0   |
| 38 | 10822 | 10823 | NS | 1 | -34.976 | 29.542 | 0.817 | -34.847 | 25.032 | 0.481 | 0.611   | 29.704 | 25.867 | -2.778  | 30.563 | 39.276 | 0.116 | 304.825 | 2.31  | 0.116 | 295.977 | 1.763 | 0.116 | 0.188  | 0.0   | 0.116 | 0.282  | 0.0   |
| 39 | 10823 | 10824 | SN | 1 | -34.9   | 25.993 | 0.068 | -34.731 | 27.486 | 1.887 | -10.224 | 29.246 | 17.385 | -8.985  | 30.895 | 18.35  | 0.116 | 299.585 | 5.403 | 0.116 | 288.119 | 4.906 | 0.116 | 1.112  | 0.004 | 0.116 | 0.859  | 0.0   |
| 40 | 10823 | 10824 | NS | 1 | -34.954 | 28.142 | 1.074 | -33.666 | 26.042 | 0.605 | -7.855  | 35.351 | 13.254 | -7.6    | 34.57  | 24.415 | 0.116 | 303.319 | 1.648 | 0.116 | 225.427 | 1.619 | 0.116 | 0.684  | 0.0   | 0.116 | 0.651  | 0.0   |
| 41 | 10823 | 10824 | NS | 1 | -34.954 | 28.142 | 1.073 | -33.666 | 26.042 | 0.605 | -7.855  | 35.351 | 13.237 | -7.6    | 34.57  | 24.54  | 0.116 | 303.319 | 1.647 | 0.116 | 225.427 | 1.618 | 0.116 | 0.684  | 0.0   | 0.116 | 0.651  | 0.0   |
| 42 | 10824 | 10825 | SN | 1 | -34.914 | 24.264 | 0.779 | -34.804 | 25.755 | 3.259 | -27.102 | 29.4   | 15.043 | -28.079 | 29.655 | 13.966 | 0.116 | 300.512 | 2.192 | 0.116 | 292.947 | 2.064 | 0.116 | 49.809 | 0.036 | 0.116 | 62.348 | 0.036 |
| 43 | 10824 | 10825 | SN | 2 | -34.594 | 24.264 | 0.779 | -34.804 | 25.755 | 3.254 | -27.102 | 29.4   | 15.042 | -28.084 | 29.655 | 13.969 | 0.116 | 279.151 | 2.19  | 0.116 | 292.947 | 2.064 | 0.116 | 49.809 | 0.036 | 0.116 | 62.418 | 0.036 |
| 44 | 10824 | 10825 | NS | 1 | -33.011 | 28.468 | 2.221 | -34.448 | 27.808 | 1.664 | -13.759 | 29.444 | 18.753 | -24.945 | 32.336 | 26.489 | 0.116 | 193.951 | 2.459 | 0.116 | 269.972 | 2.314 | 0.116 | 2.393  | 0.003 | 0.116 | 30.351 | 0.006 |
| 45 | 10824 | 10825 | NS | 1 | -33.522 | 28.468 | 2.22  | -34.94  | 27.808 | 1.665 | -13.759 | 29.441 | 18.699 | -24.945 | 32.336 | 26.452 | 0.116 | 218.121 | 2.456 | 0.116 | 302.275 | 2.318 | 0.116 | 2.393  | 0.003 | 0.116 | 30.351 | 0.006 |
| 46 | 10824 | 10825 | NS | 1 | -33.011 | 28.468 | 2.221 | -34.448 | 27.808 | 1.664 | -13.759 | 29.444 | 17.727 | -24.945 | 32.336 | 25.269 | 0.116 | 193.951 | 2.459 | 0.116 | 269.972 | 2.314 | 0.116 | 2.393  | 0.003 | 0.116 | 30.351 | 0.006 |
| 47 | 10825 | 10826 | NS | 1 | -33.912 | 25.742 | 3.09  | -34.696 | 27.842 | 2.879 | -18.052 | 29.017 | 26.965 | -8.381  | 29.43  | 39.173 | 0.116 | 238.606 | 2.588 | 0.116 | 285.75  | 2.278 | 0.116 | 6.277  | 0.011 | 0.116 | 0.76   | 0.0   |
| 48 | 10825 | 10826 | SN | 1 | -34.372 | 24.567 | 0.882 | -34.718 | 26.715 | 4.225 | -3.137  | 30.062 | 18.764 | -5.311  | 30.227 | 20.805 | 0.116 | 265.255 | 1.563 | 0.116 | 287.231 | 1.45  | 0.116 | 0.298  | 0.0   | 0.116 | 0.425  | 0.0   |
| 49 | 10825 | 10826 | SN | 1 | -33.775 | 24.567 | 0.884 | -34.718 | 26.715 | 4.225 | -3.137  | 30.062 | 18.797 | -5.312  | 30.227 | 20.835 | 0.116 | 231.257 | 1.56  | 0.116 | 287.231 | 1.449 | 0.116 | 0.298  | 0.0   | 0.116 | 0.425  | 0.0   |
| 50 | 10825 | 10826 | NS | 1 | -34.761 | 25.742 | 3.096 | -33.972 | 27.842 | 2.89  | -18.033 | 29.017 | 26.977 | -8.381  | 29.43  | 39.177 | 0.116 | 290.083 | 2.583 | 0.116 | 241.919 | 2.288 | 0.116 | 6.251  | 0.011 | 0.116 | 0.76   | 0.0   |
| 51 | 10826 | 10827 | NS | 1 | -33.582 | 25.934 | 3.426 | -34.912 | 25.978 | 2.55  | 4.838   | 28.228 | 11.327 | 8.715   | 29.421 | 24.126 | 0.116 | 221.116 | 2.155 | 0.116 | 300.402 | 2.109 | 0.116 | 0.142  | 0.0   | 0.116 | 0.126  | 0.0   |
| 52 | 10826 | 10827 | SN | 1 | -34.812 | 23.745 | 0.232 | -34.54  | 26.842 | 3.51  | -3.273  | 29.321 | 39.622 | -2.815  | 30.479 | 49.038 | 0.116 | 293.519 | 3.158 | 0.116 | 275.693 | 2.476 | 0.116 | 0.304  | 0.0   | 0.116 | 0.284  | 0.0   |
| 53 | 10826 | 10827 | SN | 1 | -33.602 | 23.745 | 0.231 | -34.849 | 26.842 | 3.505 | -3.273  | 29.322 | 39.622 | -2.815  | 30.479 | 49.038 | 0.116 | 222.152 | 3.163 | 0.116 | 296.009 | 2.476 | 0.116 | 0.304  | 0.0   | 0.116 | 0.284  | 0.0   |
| 54 | 10826 | 10827 | NS | 1 | -33.582 | 25.934 | 3.423 | -34.912 | 25.978 | 2.55  | 4.838   | 29.078 | 26.662 | 8.708   | 29.406 | 37.183 | 0.116 | 221.116 | 2.153 | 0.116 | 300.402 | 2.109 | 0.116 | 0.142  | 0.0   | 0.116 | 0.126  | 0.0   |
| 55 | 10826 | 10827 | NS | 2 | -33.582 | 25.934 | 3.423 | -34.912 | 25.978 | 2.548 | 4.838   | 29.078 | 26.662 | 8.708   | 29.406 | 37.183 | 0.116 | 221.116 | 2.153 | 0.116 | 300.402 | 2.109 | 0.116 | 0.142  | 0.0   | 0.116 | 0.126  | 0.0   |
| 56 | 10827 | 10828 | SN | 1 | -34.954 | 24.512 | 0.671 | -34.77  | 27.07  | 4.463 | 0.921   | 30.275 | 32.66  | 1.793   | 30.373 | 36.328 | 0.116 | 303.328 | 2.894 | 0.116 | 290.751 | 2.128 | 0.116 | 0.183  | 0.0   | 0.116 | 0.17   | 0.0   |
| 57 | 10827 | 10828 | SN | 2 | -34.954 | 24.512 | 0.671 | -34.77  | 27.07  | 4.463 | 0.921   | 30.275 | 32.66  | 1.793   | 30.373 | 36.328 | 0.116 | 303.328 | 2.894 | 0.116 | 290.751 | 2.128 | 0.116 | 0.183  | 0.0   | 0.116 | 0.17   | 0.0   |
| 58 | 10827 | 10828 | NS | 1 | -34.478 | 26.63  | 3.728 | -34.516 | 25.736 | 1.524 | 8.41    | 31.132 | 19.188 | 8.602   | 30.02  | 29.44  | 0.116 | 271.785 | 3.868 | 0.116 | 274.221 | 3.535 | 0.116 | 0.127  | 0.0   | 0.116 | 0.126  | 0.0   |
| 59 | 10827 | 10828 | NS | 2 | -34.478 | 26.63  | 3.722 | -34.516 | 25.736 | 1.525 | 8.41    | 31.132 | 19.188 | 8.602   | 30.02  | 29.44  | 0.116 | 271.785 | 3.868 | 0.116 | 274.221 | 3.535 | 0.116 | 0.127  | 0.0   | 0.116 | 0.126  | 0.0   |
| 60 | 10827 | 10828 | SN | 1 | -34.866 | 22.153 | 0.001 | -34.77  | 22.652 | 0.011 | 0.399   | 30.275 | 30.148 | 1.79    | 30.37  | 34.101 | 0.116 | 297.25  | 2.848 | 0.116 | 290.751 | 2.261 | 0.116 | 0.192  | 0.0   | 0.116 | 0.17   | 0.0   |
| 61 | 10827 | 10828 | NS | 1 | -34.478 | 26.63  | 3.811 | -34.516 | 25.736 | 1.525 | 8.71    | 31.132 | 4.082  | 8.602   | 26.996 | 3.289  | 0.116 | 271.785 | 3.98  | 0.116 | 274.221 | 3.536 | 0.116 | 0.126  | 0.0   | 0.116 | 0.126  | 0.0   |
| 62 | 10828 | 10829 | SN | 1 | -33.45  | 25.246 | 0.059 | -34.883 | 26.463 | 4.643 | -3.835  | 28.606 | 11.667 | 1.472   | 30.434 | 15.699 | 0.116 | 214.562 | 2.975 | 0.116 | 298.35  | 2.304 | 0.116 | 0.332  | 0.0   | 0.116 | 0.174  | 0.0   |
| 63 | 10828 | 10829 | NS | 2 | -34.931 | 25.108 | 3.671 | -34.185 | 25.085 | 0.491 | -1.468  | 28.759 | 12.772 | 1.895   | 29.085 | 22.051 | 0.116 | 301.666 | 6.518 | 0.116 | 254.069 | 6.149 | 0.116 | 0.237  | 0.0   | 0.116 | 0.169  | 0.0   |
| 64 | 10828 | 10829 | SN | 1 | -33.946 | 25.246 | 3.259 | -34.974 | 26.48  | 7.466 | -3.836  | 28.606 | 11.808 | 1.472   | 30.434 | 15.74  | 0.116 | 240.419 | 2.816 | 0.116 | 304.75  | 2.207 | 0.116 | 0.332  | 0.0   | 0.116 | 0.174  | 0.0   |
| 65 | 10828 | 10829 | NS | 1 | -34.931 | 25.108 | 3.66  | -34.185 | 24.969 | 0.479 | -1.468  | 28.759 | 12.775 | 1.895   | 29.085 | 22.051 | 0.116 | 301.666 | 6.52  | 0.116 | 254.069 | 6.149 | 0.116 | 0.237  | 0.0   | 0.116 | 0.169  | 0.0   |
| 66 | 10828 | 10829 | SN | 1 | -34.057 | 25.247 | 3.262 | -34.923 | 26.479 | 7.468 | -3.835  | 28.606 | 11.734 | 1.472   | 30.434 | 15.698 | 0.116 | 246.669 | 2.82  | 0.116 | 301.162 | 2.205 | 0.116 | 0.332  | 0.0   | 0.116 | 0.174  | 0.0   |
| 67 | 10829 | 10830 | SN | 1 | -34.713 | 25.603 | 3.617 | -33.761 | 27.119 | 6.082 | -16.387 | 33.66  | 11.231 | -8.047  | 31.067 | 9.128  | 0.116 | 286.89  | 1.36  | 0.116 | 230.507 | 1.093 | 0.116 | 4.307  | 0.011 | 0.116 | 0.711  | 0.0   |
| 68 | 10829 | 10830 | SN | 2 | -34.713 | 25.603 | 3.617 | -33.761 | 27.119 | 6.082 | -16.387 | 33.66  | 11.231 | -8.047  | 31.067 | 9.128  | 0.116 | 286.89  | 1.36  | 0.116 | 230.507 | 1.093 | 0.116 | 4.307  | 0.011 | 0.116 | 0.711  | 0.0   |
| 69 | 10829 | 10830 | NS | 1 | -34.414 | 25.606 | 2.416 | -33.808 | 27.631 | 0.094 | -29.762 | 33.909 | 14.449 | -20.722 | 36.383 | 27.877 | 0.116 | 267.838 | 2.367 | 0.116 | 232.98  | 2.426 | 0.116 | 91.822 | 0.022 | 0.116 | 11.531 | 0.023 |
| 70 | 10829 | 10830 | NS | 1 | -33.98  | 25.606 | 2.414 | -33.808 | 27.631 | 0.093 | -29.762 | 33.909 | 14.475 | -20.722 | 36.383 | 27.892 | 0.116 | 242.334 | 2.375 | 0.116 | 232.98  | 2.431 | 0.116 | 91.822 | 0.022 | 0.116 | 11.531 | 0.023 |
| 71 | 10829 | 10830 | SN | 1 | -34.713 | 25.603 | 2.859 | -33.761 | 27.119 | 6.088 | -16.387 | 33.66  | 11.231 | -8.047  | 31.067 | 9.128  | 0.116 | 286.89  | 1.345 | 0.116 | 230.507 | 0.992 | 0.116 | 4.307  | 0.011 | 0.116 | 0.711  | 0.0   |
| 72 | 10830 | 10831 | NS | 1 | -34.686 | 24.966 | 1.164 | -34.905 | 24.055 | 0.091 | -3.19   | 29.209 | 10.67  | -5.878  | 30.114 | 20.181 | 0.116 | 285.203 | 3.052 | 0.116 | 299.869 | 2.483 | 0.116 | 0.3    | 0.0   | 0.116 | 0.47   | 0.0   |

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

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



|     |       |       |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |        |       |       |        |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73  | 10830 | 10831 | SN | 1 | -34.427 | 25.184 | 2.501 | -34.348 | 25.883 | 3.977 | -22.399 | 28.597 | 12.224 | -19.529 | 32.028 | 7.382  | 0.116 | 268.615 | 2.712 | 0.116 | 263.755 | 2.051 | 0.116 | 16.924 | 0.036 | 0.116 | 8.785  | 0.062 |
| 74  | 10830 | 10831 | NS | 1 | -34.659 | 24.966 | 1.162 | -34.532 | 24.055 | 0.09  | -3.19   | 29.211 | 10.678 | -5.878  | 30.114 | 20.181 | 0.116 | 283.369 | 3.046 | 0.116 | 275.18  | 2.491 | 0.116 | 0.3    | 0.0   | 0.116 | 0.47   | 0.0   |
| 75  | 10830 | 10831 | SN | 1 | -34.427 | 25.184 | 2.861 | -34.171 | 25.883 | 4.011 | -22.399 | 28.597 | 12.224 | -19.529 | 32.028 | 7.382  | 0.116 | 268.615 | 2.678 | 0.116 | 253.302 | 2.174 | 0.116 | 16.924 | 0.036 | 0.116 | 8.785  | 0.062 |
| 76  | 10831 | 10832 | SN | 1 | -34.24  | 25.056 | 4.918 | -32.029 | 25.622 | 7.953 | 7.197   | 27.376 | 19.165 | 6.73    | 27.918 | 5.495  | 0.116 | 257.269 | 1.714 | 0.116 | 154.682 | 4.563 | 0.116 | 0.13   | 0.0   | 0.116 | 0.132  | 0.0   |
| 77  | 10831 | 10832 | SN | 1 | -34.154 | 25.045 | 0.579 | -34.454 | 25.631 | 1.124 | 7.232   | 27.382 | 12.714 | 6.626   | 27.899 | 5.797  | 0.116 | 252.332 | 1.954 | 0.116 | 270.314 | 2.17  | 0.116 | 0.13   | 0.0   | 0.116 | 0.133  | 0.0   |
| 78  | 10831 | 10832 | NS | 1 | -34.996 | 24.37  | 0.449 | -34.386 | 24.302 | 0.102 | -4.788  | 28.389 | 8.182  | -3.173  | 29.672 | 16.863 | 0.116 | 306.272 | 6.321 | 0.116 | 266.175 | 5.016 | 0.116 | 0.388  | 0.0   | 0.116 | 0.299  | 0.0   |
| 79  | 10831 | 10832 | NS | 1 | -34.996 | 24.37  | 0.449 | -34.386 | 24.302 | 0.102 | -4.788  | 28.491 | 9.27   | -3.173  | 29.672 | 17.587 | 0.116 | 306.272 | 6.316 | 0.116 | 266.175 | 4.99  | 0.116 | 0.388  | 0.0   | 0.116 | 0.299  | 0.0   |
| 80  | 10831 | 10832 | SN | 1 | -31.142 | 24.186 | 1.729 | -32.088 | 25.482 | 6.418 | 7.2     | 27.376 | 19.276 | 6.696   | 27.817 | 5.444  | 0.116 | 126.126 | 0.787 | 0.116 | 156.817 | 2.406 | 0.116 | 0.13   | 0.0   | 0.116 | 0.132  | 0.0   |
| 81  | 10832 | 10833 | NS | 1 | -34.835 | 24.12  | 0.667 | -34.442 | 24.027 | 0.582 | -19.172 | 29.081 | 5.885  | -19.248 | 29.172 | 12.065 | 0.116 | 295.042 | 3.767 | 0.116 | 269.596 | 2.806 | 0.116 | 8.098  | 0.012 | 0.116 | 8.236  | 0.016 |
| 82  | 10832 | 10833 | SN | 1 | -34.53  | 23.855 | 0.229 | -34.829 | 24.658 | 0.641 | 5.806   | 28.205 | 16.312 | 6.936   | 28.386 | 17.788 | 0.116 | 275.1   | 3.876 | 0.116 | 294.627 | 3.609 | 0.116 | 0.136  | 0.0   | 0.116 | 0.131  | 0.0   |
| 83  | 10832 | 10833 | NS | 2 | -34.852 | 24.134 | 0.673 | -34.442 | 24.041 | 0.593 | -19.172 | 29.081 | 5.885  | -19.899 | 29.172 | 12.065 | 0.116 | 296.274 | 3.759 | 0.116 | 269.596 | 2.833 | 0.116 | 8.098  | 0.012 | 0.116 | 9.557  | 0.016 |
| 84  | 10832 | 10833 | SN | 1 | -34.53  | 23.857 | 0.229 | -34.41  | 24.658 | 0.641 | 5.806   | 28.205 | 16.311 | 6.936   | 28.386 | 17.788 | 0.116 | 275.1   | 3.869 | 0.116 | 267.603 | 3.616 | 0.116 | 0.136  | 0.0   | 0.116 | 0.131  | 0.0   |
| 85  | 10833 | 10834 | SN | 1 | -34.383 | 23.346 | 0.019 | -34.205 | 24.336 | 0.628 | 5.942   | 27.65  | 14.981 | 8.059   | 28.665 | 17.111 | 0.116 | 265.908 | 3.071 | 0.116 | 255.283 | 2.826 | 0.116 | 0.136  | 0.0   | 0.116 | 0.128  | 0.0   |
| 86  | 10833 | 10834 | SN | 1 | -34.383 | 23.346 | 0.011 | -34.205 | 24.336 | 0.579 | 5.942   | 27.65  | 14.981 | 8.059   | 28.665 | 17.111 | 0.116 | 265.908 | 3.081 | 0.116 | 255.283 | 2.829 | 0.116 | 0.136  | 0.0   | 0.116 | 0.128  | 0.0   |
| 87  | 10833 | 10834 | NS | 1 | -34.869 | 23.908 | 0.577 | -34.903 | 26.196 | 0.463 | -17.357 | 28.388 | 7.86   | -11.311 | 29.342 | 14.371 | 0.116 | 297.449 | 3.838 | 0.116 | 299.773 | 3.149 | 0.116 | 5.362  | 0.006 | 0.116 | 1.402  | 0.002 |
| 88  | 10834 | 10835 | SN | 1 | -34.765 | 23.334 | 0.058 | -34.966 | 24.61  | 1.057 | 2.394   | 29.741 | 11.256 | -0.823  | 31.759 | 11.402 | 0.116 | 290.394 | 5.034 | 0.116 | 304.109 | 4.276 | 0.116 | 0.163  | 0.0   | 0.116 | 0.219  | 0.0   |
| 89  | 10834 | 10835 | NS | 2 | -34.512 | 26.568 | 0.528 | -33.064 | 26.559 | 0.464 | -7.039  | 30.297 | 11.383 | -10.576 | 31.797 | 17.381 | 0.116 | 273.953 | 1.865 | 0.116 | 196.273 | 1.65  | 0.116 | 0.584  | 0.0   | 0.116 | 1.198  | 0.003 |
| 90  | 10834 | 10835 | SN | 2 | -34.871 | 23.334 | 0.058 | -34.966 | 24.608 | 1.057 | 2.394   | 29.741 | 11.255 | -0.823  | 31.759 | 11.405 | 0.116 | 297.499 | 5.029 | 0.116 | 304.109 | 4.272 | 0.116 | 0.163  | 0.0   | 0.116 | 0.219  | 0.0   |
| 91  | 10834 | 10835 | NS | 1 | -34.512 | 26.568 | 0.528 | -33.064 | 26.559 | 0.464 | -7.039  | 30.297 | 11.383 | -10.576 | 31.797 | 17.381 | 0.116 | 273.953 | 1.865 | 0.116 | 196.273 | 1.65  | 0.116 | 0.584  | 0.0   | 0.116 | 1.198  | 0.003 |
| 92  | 10834 | 10835 | SN | 1 | -34.871 | 22.935 | 0.001 | -34.966 | 24.236 | 0.301 | 2.394   | 29.741 | 11.279 | -0.823  | 31.759 | 11.394 | 0.116 | 297.499 | 5.182 | 0.116 | 304.109 | 4.387 | 0.116 | 0.163  | 0.0   | 0.116 | 0.219  | 0.0   |
| 93  | 10835 | 10836 | NS | 1 | -34.954 | 26.007 | 0.527 | -34.646 | 26.855 | 0.442 | 7.011   | 31.192 | 10.818 | 7.466   | 29.765 | 18.415 | 0.116 | 303.271 | 3.302 | 0.116 | 282.563 | 2.407 | 0.116 | 0.131  | 0.0   | 0.116 | 0.13   | 0.0   |
| 94  | 10835 | 10836 | SN | 1 | -34.292 | 23.533 | 0.003 | -34.987 | 24.284 | 0.007 | -11.786 | 35.393 | 13.268 | -3.538  | 32.968 | 15.56  | 0.116 | 260.407 | 5.708 | 0.116 | 305.551 | 5.156 | 0.116 | 1.553  | 0.002 | 0.116 | 0.317  | 0.0   |
| 95  | 10835 | 10836 | SN | 2 | -34.557 | 23.583 | 0.184 | -34.987 | 24.574 | 1.838 | -11.783 | 35.393 | 13.018 | -3.538  | 32.968 | 15.574 | 0.116 | 276.753 | 5.591 | 0.116 | 305.551 | 4.861 | 0.116 | 1.552  | 0.001 | 0.116 | 0.317  | 0.0   |
| 96  | 10835 | 10836 | SN | 1 | -34.557 | 23.583 | 0.184 | -34.987 | 24.574 | 1.838 | -11.783 | 35.393 | 13.018 | -3.538  | 32.968 | 15.574 | 0.116 | 276.753 | 5.591 | 0.116 | 305.551 | 4.861 | 0.116 | 1.552  | 0.001 | 0.116 | 0.317  | 0.0   |
| 97  | 10835 | 10836 | NS | 1 | -34.731 | 26.007 | 0.528 | -33.786 | 26.855 | 0.442 | 7.031   | 31.191 | 10.815 | 7.475   | 29.765 | 18.418 | 0.116 | 288.108 | 3.308 | 0.116 | 231.79  | 2.406 | 0.116 | 0.131  | 0.0   | 0.116 | 0.13   | 0.0   |
| 98  | 10836 | 10837 | NS | 1 | -33.498 | 24.613 | 0.47  | -34.601 | 23.635 | 0.182 | -3.765  | 29.673 | 23.052 | -0.691  | 31.146 | 40.3   | 0.116 | 216.962 | 2.184 | 0.116 | 279.605 | 1.372 | 0.116 | 0.328  | 0.0   | 0.116 | 0.216  | 0.0   |
| 99  | 10836 | 10837 | SN | 2 | -34.767 | 24.093 | 0.227 | -34.618 | 24.975 | 1.455 | -13.214 | 30.993 | 20.732 | -7.523  | 30.136 | 23.423 | 0.116 | 290.468 | 3.75  | 0.116 | 280.734 | 3.281 | 0.116 | 2.121  | 0.002 | 0.116 | 0.641  | 0.0   |
| 100 | 10836 | 10837 | NS | 1 | -34.782 | 24.613 | 0.47  | -34.639 | 23.635 | 0.182 | -3.898  | 29.673 | 23.046 | -0.696  | 31.146 | 40.268 | 0.116 | 291.514 | 2.181 | 0.116 | 282.068 | 1.368 | 0.116 | 0.335  | 0.0   | 0.116 | 0.216  | 0.0   |
| 101 | 10836 | 10837 | SN | 1 | -34.162 | 24.093 | 0.227 | -34.618 | 24.975 | 1.455 | -13.213 | 30.993 | 20.732 | -7.523  | 30.136 | 23.424 | 0.116 | 252.732 | 3.75  | 0.116 | 280.734 | 3.281 | 0.116 | 2.121  | 0.002 | 0.116 | 0.641  | 0.0   |
| 102 | 10837 | 10838 | SN | 1 | -34.809 | 25.693 | 0.291 | -34.914 | 27.2   | 1.426 | -1.491  | 28.465 | 16.121 | -1.46   | 30.554 | 16.122 | 0.116 | 293.291 | 8.47  | 0.116 | 300.545 | 7.167 | 0.116 | 0.237  | 0.0   | 0.116 | 0.236  | 0.0   |
| 103 | 10837 | 10838 | NS | 1 | -33.226 | 27.908 | 0.715 | -34.854 | 27.712 | 0.52  | -22.345 | 30.134 | 15.035 | -4.922  | 31.545 | 27.952 | 0.116 | 203.756 | 1.573 | 0.116 | 296.341 | 1.646 | 0.116 | 16.712 | 0.031 | 0.116 | 0.397  | 0.0   |
| 104 | 10837 | 10838 | NS | 1 | -34.201 | 27.908 | 0.714 | -34.645 | 27.712 | 0.52  | -22.151 | 30.134 | 15.002 | -4.916  | 31.545 | 27.853 | 0.116 | 255.004 | 1.567 | 0.116 | 282.432 | 1.647 | 0.116 | 15.99  | 0.031 | 0.116 | 0.396  | 0.0   |
| 105 | 10838 | 10839 | NS | 1 | -33.336 | 28.188 | 1.386 | -34.809 | 25.532 | 1.102 | 1.612   | 31.128 | 15.344 | -5.362  | 33.352 | 23.74  | 0.116 | 209.006 | 2.878 | 0.116 | 293.297 | 2.995 | 0.116 | 0.172  | 0.0   | 0.116 | 0.428  | 0.0   |
| 106 | 10838 | 10839 | SN | 1 | -34.396 | 26.072 | 0.125 | -33.973 | 27.045 | 1.571 | -15.392 | 29.523 | 16.597 | -8.669  | 29.851 | 17.644 | 0.116 | 266.708 | 2.915 | 0.116 | 241.962 | 2.43  | 0.116 | 3.444  | 0.005 | 0.116 | 0.806  | 0.0   |
| 107 | 10839 | 10840 | NS | 1 | -31.979 | 26.876 | 3.492 | -34.45  | 27.11  | 3.196 | -23.01  | 28.56  | 24.607 | -24.885 | 29.489 | 36.145 | 0.116 | 152.949 | 1.357 | 0.116 | 270.011 | 1.392 | 0.116 | 19.465 | 0.023 | 0.116 | 29.929 | 0.011 |
| 108 | 10839 | 10840 | SN | 1 | -33.416 | 24.584 | 0.092 | -33.494 | 26.507 | 3.091 | -8.016  | 32.215 | 16.245 | -6.514  | 30.677 | 18.083 | 0.116 | 212.895 | 1.65  | 0.116 | 216.742 | 1.276 | 0.116 | 0.707  | 0.0   | 0.116 | 0.528  | 0.0   |
| 109 | 10840 | 10841 | SN | 1 | -33.37  | 24.633 | 0.09  | -34.487 | 26.982 | 3.143 | -19.269 | 28.883 | 26.006 | -6.059  | 29.96  | 29.944 | 0.116 | 210.598 | 1.931 | 0.116 | 272.336 | 1.648 | 0.116 | 8.277  | 0.004 | 0.116 | 0.486  | 0.0   |
| 110 | 10840 | 10841 | NS | 1 | -34.959 | 26.773 | 3.157 | -34.25  | 27.237 | 2.741 | 6.45    | 28.524 | 23.959 | 10.258  | 29.345 | 36.846 | 0.116 | 303.572 | 3.194 | 0.116 | 257.933 | 3.022 | 0.116 | 0.133  | 0.0   | 0.116 | 0.123  | 0.0   |
| 111 | 10841 | 10842 | SN | 2 | -34.648 | 24.096 | 0.355 | -34.696 | 26.909 | 3.77  | 7.938   | 29.061 | 43.188 | -13.906 | 30.79  | 53.8   | 0.116 | 282.601 | 3.619 | 0.116 | 285.736 | 3.284 | 0.116 | 0.128  | 0.0   | 0.116 | 2.472  | 0.035 |

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

Normal

Deviations

Alarming

High Errors

|     |       |       |    |   |         |        |       |         |        |       |        |        |        |         |        |        |       |         |       |       |         |       |       |       |     |       |       |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-------|
| 112 | 10841 | 10842 | NS | 1 | -34.998 | 25.36  | 3.438 | -34.515 | 26.211 | 2.048 | 7.661  | 29.01  | 27.434 | 8.34    | 32.78  | 38.963 | 0.116 | 306.313 | 2.72  | 0.116 | 274.131 | 2.062 | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0   |
| 113 | 10841 | 10842 | NS | 1 | -34.998 | 25.36  | 3.442 | -34.639 | 26.211 | 2.051 | 7.66   | 29.01  | 27.442 | 8.34    | 32.78  | 38.972 | 0.116 | 306.313 | 2.723 | 0.116 | 282.004 | 2.06  | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0   |
| 114 | 10841 | 10842 | NS | 1 | -34.998 | 25.36  | 3.444 | -34.639 | 26.211 | 2.051 | 10.764 | 28.539 | 6.562  | 8.34    | 32.78  | 14.003 | 0.116 | 306.313 | 2.73  | 0.116 | 282.004 | 2.06  | 0.116 | 0.122 | 0.0 | 0.116 | 0.127 | 0.0   |
| 115 | 10841 | 10842 | SN | 1 | -34.648 | 24.096 | 0.355 | -34.696 | 26.909 | 3.77  | 7.938  | 29.061 | 43.188 | -13.906 | 30.79  | 53.8   | 0.116 | 282.601 | 3.619 | 0.116 | 285.736 | 3.284 | 0.116 | 0.128 | 0.0 | 0.116 | 2.472 | 0.035 |
| 116 | 10842 | 10843 | NS | 1 | -34.959 | 25.445 | 3.767 | -34.731 | 26.163 | 0.984 | 6.652  | 28.66  | 15.584 | 5.607   | 29.412 | 25.129 | 0.116 | 303.621 | 6.771 | 0.116 | 288.133 | 5.729 | 0.116 | 0.132 | 0.0 | 0.116 | 0.137 | 0.0   |
| 117 | 10842 | 10843 | NS | 1 | -34.959 | 25.445 | 3.767 | -34.731 | 26.163 | 0.984 | 6.651  | 28.652 | 12.373 | 5.607   | 29.41  | 22.775 | 0.116 | 303.621 | 6.771 | 0.116 | 288.133 | 5.729 | 0.116 | 0.132 | 0.0 | 0.116 | 0.137 | 0.0   |
| 118 | 10842 | 10843 | NS | 1 | -34.84  | 25.445 | 3.81  | -34.917 | 26.162 | 0.985 | 6.652  | 28.66  | 15.586 | 5.607   | 29.412 | 25.125 | 0.116 | 295.363 | 6.762 | 0.116 | 300.671 | 5.735 | 0.116 | 0.132 | 0.0 | 0.116 | 0.137 | 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     | 10813       | 10814     | SN   | 2    | 57.436          | 58.46  | 0.0       | 0.0           | 289.797 | 4.929     | 1202.664 | 1294.328 | 31.66     | -95.609  | -91.914 | 0.0       |
| 2     | 10813       | 10814     | SN   | 1    | 57.448          | 58.46  | 0.0       | 0.0           | 267.56  | 2.714     | 1202.856 | 1294.168 | 23.78     | -95.342  | -91.914 | 0.0       |
| 3     | 10813       | 10814     | SN   | 1    | 57.436          | 58.46  | 0.0       | 0.0           | 289.863 | 4.93      | 1202.664 | 1294.328 | 31.66     | -95.609  | -91.914 | 0.0       |
| 4     | 10813       | 10814     | SN   | 1    | 57.448          | 58.46  | 0.0       | 0.0           | 289.863 | 3.644     | 1202.856 | 1294.168 | 22.504    | -95.609  | -91.914 | 0.0       |
| 5     | 10814       | 10815     | SN   | 1    | 57.452          | 58.421 | 0.0       | 0.0           | 286.614 | 3.922     | 1203.056 | 1293.984 | 32.508    | -94.336  | -91.908 | 0.0       |
| 6     | 10814       | 10815     | SN   | 1    | 57.452          | 58.421 | 0.0       | 0.0           | 286.614 | 3.813     | 1203.056 | 1293.984 | 33.124    | -93.225  | -91.908 | 0.0       |
| 7     | 10814       | 10815     | SN   | 1    | 57.452          | 58.416 | 0.0       | 0.0           | 286.515 | 3.917     | 1203.056 | 1293.976 | 32.538    | -94.336  | -91.908 | 0.0       |
| 8     | 10814       | 10815     | NS   | 1    | 57.397          | 58.295 | 0.0       | 0.0           | 297.027 | 3.874     | 1199.872 | 1293.016 | 37.38     | -93.348  | -91.811 | 0.0       |
| 9     | 10815       | 10816     | SN   | 1    | 57.451          | 58.4   | 0.0       | 0.0           | 299.343 | 3.582     | 1203.008 | 1294.184 | 31.21     | -93.19   | -91.878 | 0.0       |
| 10    | 10815       | 10816     | NS   | 1    | 57.388          | 58.298 | 0.0       | 0.0           | 296.79  | 3.539     | 1200.088 | 1293.264 | 37.515    | -93.525  | -91.774 | 0.0       |
| 11    | 10815       | 10816     | SN   | 1    | 57.451          | 58.4   | 0.0       | 0.0           | 299.343 | 3.579     | 1203.008 | 1294.184 | 31.24     | -93.19   | -91.878 | 0.0       |
| 12    | 10815       | 10816     | NS   | 2    | 57.388          | 58.297 | 0.0       | 0.0           | 296.586 | 3.54      | 1200.08  | 1293.264 | 37.497    | -93.525  | -91.774 | 0.0       |
| 13    | 10815       | 10816     | SN   | 1    | 57.451          | 58.4   | 0.0       | 0.0           | 299.343 | 3.665     | 1203.008 | 1294.184 | 30.969    | -93.19   | -91.878 | 0.0       |
| 14    | 10816       | 10817     | SN   | 1    | 57.416          | 58.4   | 0.0       | 0.0           | 295.604 | 3.494     | 1202.056 | 1294.224 | 32.361    | -93.035  | -91.898 | 0.0       |
| 15    | 10816       | 10817     | SN   | 1    | 57.357          | 58.406 | 0.0       | 0.0           | 295.604 | 3.603     | 1202.056 | 1294.224 | 32.112    | -95.245  | -91.898 | 0.0       |
| 16    | 10816       | 10817     | SN   | 1    | 57.358          | 58.4   | 0.0       | 0.0           | 295.604 | 3.598     | 1202.056 | 1294.224 | 32.04     | -95.245  | -91.898 | 0.0       |
| 17    | 10816       | 10817     | NS   | 1    | 57.399          | 58.298 | 0.0       | 0.0           | 296.712 | 3.551     | 1200.232 | 1293.376 | 37.71     | -94.177  | -91.766 | 0.0       |
| 18    | 10817       | 10818     | NS   | 1    | 57.376          | 58.299 | 0.0       | 0.0           | 296.514 | 3.637     | 1199.776 | 1293.232 | 37.31     | -93.154  | -91.808 | 0.0       |
| 19    | 10817       | 10818     | SN   | 1    | 57.444          | 58.412 | 0.0       | 0.0           | 298.268 | 3.654     | 1202.216 | 1294.056 | 33.323    | -95.61   | -91.908 | 0.0       |
| 20    | 10817       | 10818     | SN   | 1    | 57.289          | 58.346 | 0.005     | 0.0           | 298.268 | 21.647    | 1208.648 | 1294.056 | 67.741    | -105.853 | -91.921 | 0.019     |
| 21    | 10817       | 10818     | SN   | 1    | 58.079          | 58.346 | 0.0       | 0.0           | 291.887 | 23.914    | 1286.688 | 1294.056 | 100.0     | -93.025  | -92.525 | 0.0       |
| 22    | 10817       | 10818     | NS   | 1    | 57.4            | 58.298 | 0.0       | 0.0           | 296.575 | 3.631     | 1200.432 | 1293.24  | 37.293    | -93.122  | -91.807 | 0.0       |
| 23    | 10818       | 10819     | SN   | 2    | 57.424          | 58.412 | 0.0       | 0.0           | 298.323 | 3.63      | 1201.72  | 1293.96  | 32.237    | -93.77   | -91.913 | 0.0       |
| 24    | 10818       | 10819     | NS   | 1    | 57.38           | 58.298 | 0.0       | 0.0           | 297.86  | 3.87      | 1200.048 | 1293.136 | 36.527    | -93.068  | -91.828 | 0.0       |
| 25    | 10818       | 10819     | SN   | 1    | 57.431          | 58.412 | 0.0       | 0.0           | 288.942 | 3.371     | 1201.8   | 1293.96  | 33.163    | -93.232  | -91.913 | 0.0       |
| 26    | 10818       | 10819     | SN   | 1    | 57.424          | 58.412 | 0.0       | 0.0           | 298.455 | 3.63      | 1201.72  | 1293.96  | 32.237    | -93.77   | -91.913 | 0.0       |
| 27    | 10819       | 10820     | SN   | 1    | 57.432          | 58.396 | 0.0       | 0.0           | 290.271 | 3.673     | 1201.76  | 1293.792 | 32.123    | -94.253  | -91.901 | 0.0       |
| 28    | 10819       | 10820     | NS   | 2    | 57.379          | 58.298 | 0.0       | 0.0           | 288.606 | 3.858     | 1199.84  | 1293.0   | 34.911    | -94.261  | -91.824 | 0.0       |
| 29    | 10819       | 10820     | NS   | 1    | 57.379          | 58.298 | 0.0       | 0.0           | 288.159 | 3.866     | 1199.848 | 1292.992 | 34.904    | -94.261  | -91.824 | 0.0       |
| 30    | 10819       | 10820     | SN   | 1    | 57.433          | 58.396 | 0.0       | 0.0           | 286.841 | 3.557     | 1201.792 | 1293.792 | 32.469    | -93.124  | -91.901 | 0.0       |
| 31    | 10820       | 10821     | NS   | 1    | 57.395          | 58.317 | 0.0       | 0.0           | 289.648 | 3.753     | 1199.968 | 1293.024 | 36.382    | -93.488  | -91.843 | 0.0       |
| 32    | 10820       | 10821     | NS   | 1    | 57.388          | 58.318 | 0.0       | 0.0           | 296.889 | 3.756     | 1199.896 | 1293.008 | 36.337    | -93.488  | -91.843 | 0.0       |
| 33    | 10820       | 10821     | SN   | 1    | 57.272          | 58.397 | 0.001     | 0.0           | 288.313 | 3.8       | 1202.488 | 1293.824 | 32.324    | -95.258  | -91.898 | 0.0       |
| 34    | 10820       | 10821     | SN   | 2    | 57.272          | 58.397 | 0.001     | 0.0           | 288.313 | 3.8       | 1202.488 | 1293.824 | 32.324    | -95.258  | -91.898 | 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    |

|  |  |
|--|--|
| <span style="color: green;">■</span> Normal    | <span style="color: yellow;">■</span> Deviations |
| <span style="color: orange;">■</span> Alarming | <span style="color: red;">■</span> High Errors   |

|    |       |       |    |   |        |        |     |       |         |       |          |          |        |         |         |     |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 10821 | 10822 | NS | 1 | 57.394 | 58.325 | 0.0 | 0.0   | 298.968 | 3.822 | 1199.856 | 1293.184 | 37.326 | -94.019 | -91.843 | 0.0 |
| 36 | 10821 | 10822 | SN | 1 | 57.452 | 58.398 | 0.0 | 0.0   | 298.703 | 3.692 | 1202.76  | 1294.0   | 33.202 | -93.083 | -91.856 | 0.0 |
| 37 | 10822 | 10823 | SN | 1 | 57.454 | 58.4   | 0.0 | 0.0   | 295.924 | 3.617 | 1202.784 | 1293.992 | 31.659 | -93.124 | -91.839 | 0.0 |
| 38 | 10822 | 10823 | NS | 1 | 57.401 | 58.3   | 0.0 | 0.0   | 296.564 | 3.844 | 1200.6   | 1293.184 | 35.804 | -93.488 | -91.846 | 0.0 |
| 39 | 10823 | 10824 | SN | 1 | 57.443 | 58.397 | 0.0 | 0.0   | 296.641 | 3.783 | 1202.024 | 1293.824 | 31.984 | -94.776 | -91.875 | 0.0 |
| 40 | 10823 | 10824 | NS | 1 | 57.404 | 58.297 | 0.0 | 0.0   | 295.334 | 3.823 | 1200.84  | 1293.008 | 35.751 | -93.49  | -91.818 | 0.0 |
| 41 | 10823 | 10824 | NS | 1 | 57.404 | 58.302 | 0.0 | 0.0   | 295.334 | 3.836 | 1200.84  | 1293.008 | 35.815 | -93.49  | -91.818 | 0.0 |
| 42 | 10824 | 10825 | SN | 1 | 57.43  | 58.397 | 0.0 | 0.0   | 289.565 | 3.85  | 1201.776 | 1293.856 | 32.887 | -95.367 | -91.89  | 0.0 |
| 43 | 10824 | 10825 | SN | 2 | 57.43  | 58.397 | 0.0 | 0.0   | 289.532 | 3.85  | 1201.768 | 1293.864 | 32.897 | -95.367 | -91.89  | 0.0 |
| 44 | 10824 | 10825 | NS | 1 | 57.386 | 58.316 | 0.0 | 0.0   | 296.464 | 3.626 | 1200.224 | 1293.072 | 36.104 | -93.192 | -91.814 | 0.0 |
| 45 | 10824 | 10825 | NS | 1 | 57.404 | 58.297 | 0.0 | 0.0   | 296.464 | 3.622 | 1200.712 | 1293.072 | 36.142 | -93.214 | -91.814 | 0.0 |
| 46 | 10824 | 10825 | NS | 1 | 57.386 | 58.316 | 0.0 | 0.0   | 296.464 | 3.304 | 1200.224 | 1292.72  | 35.697 | -93.192 | -91.814 | 0.0 |
| 47 | 10825 | 10826 | NS | 1 | 57.384 | 58.297 | 0.0 | 0.0   | 299.316 | 3.586 | 1200.688 | 1293.136 | 36.566 | -93.705 | -91.845 | 0.0 |
| 48 | 10825 | 10826 | SN | 1 | 57.451 | 58.397 | 0.0 | 0.0   | 291.87  | 3.721 | 1202.328 | 1293.96  | 34.058 | -93.048 | -91.887 | 0.0 |
| 49 | 10825 | 10826 | SN | 1 | 57.444 | 58.397 | 0.0 | 0.0   | 291.87  | 3.725 | 1201.88  | 1293.96  | 34.024 | -93.048 | -91.887 | 0.0 |
| 50 | 10825 | 10826 | NS | 1 | 57.379 | 58.297 | 0.0 | 0.0   | 299.316 | 3.593 | 1200.056 | 1293.16  | 36.516 | -93.705 | -91.845 | 0.0 |
| 51 | 10826 | 10827 | NS | 1 | 57.375 | 58.298 | 0.0 | 0.0   | 288.887 | 2.586 | 1200.52  | 1290.68  | 32.479 | -93.094 | -91.844 | 0.0 |
| 52 | 10826 | 10827 | SN | 1 | 57.449 | 58.398 | 0.0 | 0.003 | 287.563 | 3.663 | 1202.288 | 1294.024 | 34.638 | -93.062 | -91.889 | 0.0 |
| 53 | 10826 | 10827 | SN | 1 | 57.439 | 58.398 | 0.0 | 0.003 | 287.563 | 3.659 | 1201.92  | 1294.024 | 34.657 | -93.062 | -91.889 | 0.0 |
| 54 | 10826 | 10827 | NS | 1 | 57.375 | 58.298 | 0.0 | 0.0   | 288.887 | 3.837 | 1200.52  | 1293.256 | 37.314 | -93.094 | -91.844 | 0.0 |
| 55 | 10826 | 10827 | NS | 2 | 57.375 | 58.298 | 0.0 | 0.0   | 288.887 | 3.837 | 1200.52  | 1293.256 | 37.309 | -93.094 | -91.844 | 0.0 |
| 56 | 10827 | 10828 | SN | 1 | 57.438 | 58.398 | 0.0 | 0.0   | 298.808 | 3.753 | 1201.576 | 1294.112 | 34.795 | -92.981 | -91.909 | 0.0 |
| 57 | 10827 | 10828 | SN | 2 | 57.438 | 58.398 | 0.0 | 0.0   | 298.808 | 3.753 | 1201.576 | 1294.112 | 34.796 | -92.981 | -91.909 | 0.0 |
| 58 | 10827 | 10828 | NS | 1 | 57.368 | 58.299 | 0.0 | 0.0   | 297.898 | 3.655 | 1199.976 | 1293.296 | 37.782 | -93.703 | -91.843 | 0.0 |
| 59 | 10827 | 10828 | NS | 2 | 57.368 | 58.299 | 0.0 | 0.0   | 297.898 | 3.657 | 1199.976 | 1293.328 | 37.783 | -93.703 | -91.843 | 0.0 |
| 60 | 10827 | 10828 | SN | 1 | 57.438 | 58.398 | 0.0 | 0.0   | 283.636 | 2.804 | 1201.576 | 1294.112 | 36.77  | -92.981 | -91.909 | 0.0 |
| 61 | 10827 | 10828 | NS | 1 | 57.368 | 58.299 | 0.0 | 0.0   | 297.898 | 1.762 | 1199.976 | 1287.656 | 28.916 | -93.703 | -91.843 | 0.0 |
| 62 | 10828 | 10829 | SN | 1 | 57.427 | 58.397 | 0.0 | 0.0   | 295.428 | 3.49  | 1201.52  | 1294.032 | 35.26  | -93.136 | -91.906 | 0.0 |
| 63 | 10828 | 10829 | NS | 2 | 57.382 | 58.299 | 0.0 | 0.0   | 298.295 | 3.796 | 1199.864 | 1293.24  | 37.264 | -93.486 | -91.823 | 0.0 |
| 64 | 10828 | 10829 | SN | 1 | 57.434 | 58.397 | 0.0 | 0.0   | 297.446 | 3.886 | 1201.728 | 1294.032 | 34.069 | -93.767 | -91.906 | 0.0 |
| 65 | 10828 | 10829 | NS | 1 | 57.384 | 58.301 | 0.0 | 0.0   | 298.295 | 3.795 | 1199.904 | 1293.2   | 37.218 | -93.486 | -91.823 | 0.0 |
| 66 | 10828 | 10829 | SN | 1 | 57.427 | 58.397 | 0.0 | 0.0   | 297.446 | 3.88  | 1201.52  | 1294.032 | 34.005 | -93.767 | -91.906 | 0.0 |
| 67 | 10829 | 10830 | SN | 1 | 57.451 | 58.4   | 0.0 | 0.0   | 297.363 | 3.788 | 1202.136 | 1293.96  | 35.051 | -95.555 | -91.893 | 0.0 |
| 68 | 10829 | 10830 | SN | 2 | 57.451 | 58.4   | 0.0 | 0.0   | 297.363 | 3.788 | 1202.136 | 1293.96  | 35.051 | -95.555 | -91.893 | 0.0 |
| 69 | 10829 | 10830 | NS | 1 | 57.403 | 58.302 | 0.0 | 0.0   | 297.032 | 3.598 | 1200.944 | 1293.224 | 35.669 | -93.348 | -91.832 | 0.0 |
| 70 | 10829 | 10830 | NS | 1 | 57.403 | 58.302 | 0.0 | 0.0   | 297.032 | 3.595 | 1200.944 | 1293.224 | 35.638 | -93.348 | -91.832 | 0.0 |
| 71 | 10829 | 10830 | SN | 1 | 57.451 | 58.4   | 0.0 | 0.0   | 297.363 | 3.682 | 1202.136 | 1293.96  | 35.5   | -93.194 | -91.893 | 0.0 |

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

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



|     |       |       |    |   |        |        |       |       |         |        |          |          |        |         |         |     |
|-----|-------|-------|----|---|--------|--------|-------|-------|---------|--------|----------|----------|--------|---------|---------|-----|
| 72  | 10830 | 10831 | NS | 1 | 57.404 | 58.302 | 0.0   | 0.0   | 297.38  | 3.681  | 1201.144 | 1293.464 | 35.973 | -93.488 | -91.769 | 0.0 |
| 73  | 10830 | 10831 | SN | 1 | 57.426 | 58.48  | 0.0   | 0.0   | 296.051 | 5.345  | 1200.952 | 1294.12  | 35.142 | -95.745 | -91.879 | 0.0 |
| 74  | 10830 | 10831 | NS | 1 | 57.404 | 58.302 | 0.0   | 0.0   | 297.38  | 3.678  | 1201.144 | 1293.464 | 35.938 | -93.488 | -91.769 | 0.0 |
| 75  | 10830 | 10831 | SN | 1 | 57.426 | 58.48  | 0.0   | 0.0   | 296.051 | 5.424  | 1200.952 | 1294.12  | 34.792 | -95.745 | -91.879 | 0.0 |
| 76  | 10831 | 10832 | SN | 1 | 57.176 | 58.386 | 0.015 | 0.0   | 289.802 | 21.693 | 1197.0   | 1294.016 | 56.903 | -95.514 | -91.91  | 0.0 |
| 77  | 10831 | 10832 | SN | 1 | 57.176 | 58.398 | 0.003 | 0.0   | 289.802 | 4.74   | 1197.0   | 1294.352 | 34.901 | -95.514 | -91.904 | 0.0 |
| 78  | 10831 | 10832 | NS | 1 | 57.406 | 58.303 | 0.0   | 0.0   | 299.735 | 3.451  | 1201.328 | 1293.36  | 35.181 | -95.628 | -91.812 | 0.0 |
| 79  | 10831 | 10832 | NS | 1 | 57.406 | 58.303 | 0.0   | 0.0   | 299.735 | 3.673  | 1201.328 | 1293.464 | 35.959 | -95.628 | -91.812 | 0.0 |
| 80  | 10831 | 10832 | SN | 1 | 57.176 | 58.386 | 0.019 | 0.0   | 289.422 | 23.542 | 1197.0   | 1294.016 | 68.552 | -95.514 | -91.91  | 0.0 |
| 81  | 10832 | 10833 | NS | 1 | 57.356 | 58.303 | 0.0   | 0.0   | 296.635 | 3.677  | 1201.472 | 1293.208 | 34.939 | -93.898 | -91.823 | 0.0 |
| 82  | 10832 | 10833 | SN | 1 | 57.432 | 58.398 | 0.0   | 0.0   | 287.524 | 3.628  | 1200.92  | 1293.816 | 35.227 | -93.221 | -91.906 | 0.0 |
| 83  | 10832 | 10833 | NS | 2 | 57.406 | 58.303 | 0.0   | 0.0   | 296.635 | 3.672  | 1201.472 | 1293.208 | 34.872 | -93.222 | -91.823 | 0.0 |
| 84  | 10832 | 10833 | SN | 1 | 57.407 | 58.398 | 0.0   | 0.0   | 287.536 | 3.632  | 1200.544 | 1293.816 | 35.166 | -93.221 | -91.906 | 0.0 |
| 85  | 10833 | 10834 | SN | 1 | 57.419 | 58.392 | 0.0   | 0.0   | 298.863 | 3.618  | 1200.656 | 1293.696 | 35.051 | -93.408 | -91.901 | 0.0 |
| 86  | 10833 | 10834 | SN | 1 | 57.419 | 58.392 | 0.0   | 0.0   | 298.863 | 3.564  | 1200.656 | 1293.696 | 35.142 | -93.408 | -91.901 | 0.0 |
| 87  | 10833 | 10834 | NS | 1 | 57.407 | 58.302 | 0.0   | 0.0   | 297.794 | 3.892  | 1201.552 | 1293.072 | 34.151 | -94.385 | -91.841 | 0.0 |
| 88  | 10834 | 10835 | SN | 1 | 57.416 | 58.39  | 0.0   | 0.003 | 297.992 | 3.75   | 1201.056 | 1293.608 | 34.44  | -94.755 | -91.886 | 0.0 |
| 89  | 10834 | 10835 | NS | 2 | 57.376 | 58.32  | 0.0   | 0.003 | 298.571 | 3.659  | 1201.24  | 1293.024 | 33.035 | -93.346 | -91.839 | 0.0 |
| 90  | 10834 | 10835 | SN | 2 | 57.417 | 58.392 | 0.0   | 0.003 | 297.992 | 3.747  | 1201.088 | 1293.632 | 34.414 | -94.755 | -91.886 | 0.0 |
| 91  | 10834 | 10835 | NS | 1 | 57.376 | 58.32  | 0.0   | 0.003 | 298.571 | 3.659  | 1201.24  | 1293.024 | 33.035 | -93.346 | -91.839 | 0.0 |
| 92  | 10834 | 10835 | SN | 1 | 57.408 | 58.392 | 0.0   | 0.003 | 296.906 | 3.548  | 1201.008 | 1293.632 | 35.224 | -93.819 | -91.886 | 0.0 |
| 93  | 10835 | 10836 | NS | 1 | 57.37  | 58.319 | 0.0   | 0.0   | 297.689 | 3.575  | 1200.704 | 1293.16  | 35.579 | -93.488 | -91.852 | 0.0 |
| 94  | 10835 | 10836 | SN | 1 | 57.446 | 58.392 | 0.0   | 0.0   | 292.273 | 3.17   | 1201.704 | 1293.816 | 37.756 | -93.022 | -91.885 | 0.0 |
| 95  | 10835 | 10836 | SN | 2 | 57.446 | 58.392 | 0.0   | 0.0   | 297.97  | 3.836  | 1201.704 | 1293.816 | 35.715 | -94.008 | -91.885 | 0.0 |
| 96  | 10835 | 10836 | SN | 1 | 57.446 | 58.392 | 0.0   | 0.0   | 297.97  | 3.836  | 1201.704 | 1293.816 | 35.715 | -94.008 | -91.885 | 0.0 |
| 97  | 10835 | 10836 | NS | 1 | 57.37  | 58.319 | 0.0   | 0.0   | 297.689 | 3.579  | 1200.704 | 1293.16  | 35.618 | -93.488 | -91.852 | 0.0 |
| 98  | 10836 | 10837 | NS | 1 | 57.398 | 58.303 | 0.0   | 0.0   | 297.826 | 3.688  | 1200.864 | 1293.224 | 35.258 | -93.488 | -91.853 | 0.0 |
| 99  | 10836 | 10837 | SN | 2 | 57.37  | 58.394 | 0.0   | 0.0   | 294.518 | 3.741  | 1201.448 | 1293.872 | 34.188 | -94.93  | -91.838 | 0.0 |
| 100 | 10836 | 10837 | NS | 1 | 57.398 | 58.303 | 0.0   | 0.0   | 297.826 | 3.691  | 1200.864 | 1293.224 | 35.294 | -93.488 | -91.853 | 0.0 |
| 101 | 10836 | 10837 | SN | 1 | 57.37  | 58.394 | 0.0   | 0.0   | 294.545 | 3.739  | 1201.424 | 1293.872 | 34.231 | -94.93  | -91.838 | 0.0 |
| 102 | 10837 | 10838 | SN | 1 | 57.426 | 58.395 | 0.0   | 0.0   | 289.775 | 3.691  | 1201.848 | 1293.768 | 33.699 | -94.258 | -91.869 | 0.0 |
| 103 | 10837 | 10838 | NS | 1 | 57.398 | 58.327 | 0.0   | 0.0   | 298.924 | 3.989  | 1201.096 | 1293.12  | 34.159 | -93.707 | -91.842 | 0.0 |
| 104 | 10837 | 10838 | NS | 1 | 57.396 | 58.327 | 0.0   | 0.0   | 298.924 | 3.985  | 1201.096 | 1293.12  | 34.177 | -93.707 | -91.842 | 0.0 |
| 105 | 10838 | 10839 | NS | 1 | 57.409 | 58.312 | 0.0   | 0.0   | 287.762 | 3.685  | 1201.832 | 1293.064 | 34.501 | -93.894 | -91.812 | 0.0 |
| 106 | 10838 | 10839 | SN | 1 | 57.409 | 58.392 | 0.0   | 0.0   | 287.657 | 3.822  | 1200.744 | 1293.688 | 33.957 | -94.371 | -91.88  | 0.0 |
| 107 | 10839 | 10840 | NS | 1 | 57.39  | 58.302 | 0.0   | 0.0   | 293.508 | 3.611  | 1200.992 | 1293.144 | 34.885 | -93.058 | -91.854 | 0.0 |
| 108 | 10839 | 10840 | SN | 1 | 57.411 | 58.393 | 0.0   | 0.0   | 299.233 | 3.79   | 1200.936 | 1293.736 | 35.313 | -94.476 | -91.874 | 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 |

|     |       |       |    |   |        |        |     |       |         |       |          |          |        |         |         |     |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 109 | 10840 | 10841 | SN | 1 | 57.433 | 58.392 | 0.0 | 0.0   | 299.558 | 3.686 | 1200.856 | 1293.744 | 36.503 | -93.038 | -91.881 | 0.0 |
| 110 | 10840 | 10841 | NS | 1 | 57.404 | 58.301 | 0.0 | 0.0   | 298.996 | 3.852 | 1201.584 | 1293.152 | 35.689 | -93.146 | -91.852 | 0.0 |
| 111 | 10841 | 10842 | SN | 2 | 57.437 | 58.393 | 0.0 | 0.0   | 299.056 | 3.686 | 1200.896 | 1293.856 | 37.139 | -95.216 | -91.834 | 0.0 |
| 112 | 10841 | 10842 | NS | 1 | 57.399 | 58.302 | 0.0 | 0.0   | 298.042 | 3.626 | 1201.016 | 1293.256 | 35.257 | -93.138 | -91.852 | 0.0 |
| 113 | 10841 | 10842 | NS | 1 | 57.399 | 58.302 | 0.0 | 0.0   | 298.042 | 3.63  | 1201.016 | 1293.248 | 35.293 | -93.14  | -91.852 | 0.0 |
| 114 | 10841 | 10842 | NS | 1 | 57.399 | 58.302 | 0.0 | 0.003 | 298.042 | 2.026 | 1201.016 | 1289.872 | 28.706 | -93.228 | -91.852 | 0.0 |
| 115 | 10841 | 10842 | SN | 1 | 57.437 | 58.393 | 0.0 | 0.0   | 299.056 | 3.686 | 1200.896 | 1293.856 | 37.139 | -95.216 | -91.834 | 0.0 |
| 116 | 10842 | 10843 | NS | 1 | 57.396 | 58.312 | 0.0 | 0.0   | 298.714 | 3.705 | 1201.472 | 1293.28  | 35.868 | -93.215 | -91.852 | 0.0 |
| 117 | 10842 | 10843 | NS | 1 | 57.396 | 58.312 | 0.0 | 0.003 | 298.714 | 3.001 | 1201.472 | 1292.2   | 34.286 | -93.26  | -91.852 | 0.0 |
| 118 | 10842 | 10843 | NS | 1 | 57.38  | 58.311 | 0.0 | 0.0   | 298.726 | 3.718 | 1200.952 | 1293.28  | 35.854 | -93.237 | -91.851 | 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    | 10813       | 10814     | SN   | 2    | -34.936 | 18.233 | 0.0        | -34.699  | 20.277 | 0.0        | 0.748    | 22.61  | 0.052      | 0.208     | 22.678 | 0.103      | 0.086   | 230.811 | 2.808      | 0.086    | 218.549 | 2.399      | 0.086    | 0.138   | 0.0        | 0.086     | 0.146  | 0.0        |
| 2    | 10813       | 10814     | SN   | 1    | -34.685 | 14.725 | 0.0        | -34.57   | 20.283 | 0.0        | 0.884    | 21.812 | 0.0        | 0.211     | 22.174 | 0.007      | 0.088   | 217.902 | 3.482      | 0.086    | 212.222 | 3.401      | 0.086    | 0.137   | 0.0        | 0.086     | 0.146  | 0.0        |
| 3    | 10813       | 10814     | SN   | 1    | -34.998 | 18.233 | 0.0        | -34.699  | 20.277 | 0.0        | 0.748    | 22.61  | 0.052      | 0.208     | 22.678 | 0.103      | 0.086   | 234.146 | 2.808      | 0.086    | 218.549 | 2.399      | 0.086    | 0.138   | 0.0        | 0.086     | 0.146  | 0.0        |
| 4    | 10813       | 10814     | SN   | 1    | -34.274 | 18.281 | 0.0        | -34.57   | 20.275 | 0.0        | 0.748    | 22.61  | 0.07       | 0.204     | 22.682 | 0.112      | 0.086   | 198.191 | 3.397      | 0.086    | 212.222 | 3.037      | 0.086    | 0.138   | 0.0        | 0.086     | 0.146  | 0.0        |
| 5    | 10814       | 10815     | SN   | 1    | -34.388 | 20.558 | 0.0        | -34.524  | 20.329 | 0.0        | -19.02   | 21.87  | 0.0        | -13.084   | 22.987 | 0.022      | 0.086   | 203.471 | 2.169      | 0.086    | 209.97  | 1.861      | 0.086    | 6.417   | 0.012      | 0.086     | 1.689  | 0.008      |
| 6    | 10814       | 10815     | SN   | 1    | -34.388 | 20.558 | 0.0        | -34.524  | 20.329 | 0.0        | -20.152  | 21.87  | 0.0        | -13.044   | 22.987 | 0.022      | 0.086   | 203.471 | 2.249      | 0.086    | 209.97  | 1.916      | 0.086    | 8.307   | 0.01       | 0.086     | 1.674  | 0.008      |
| 7    | 10814       | 10815     | SN   | 1    | -33.376 | 20.557 | 0.0        | -34.578  | 20.329 | 0.0        | -19.0    | 21.87  | 0.0        | -13.089   | 22.987 | 0.022      | 0.086   | 161.21  | 2.176      | 0.086    | 212.579 | 1.863      | 0.086    | 6.388   | 0.012      | 0.086     | 1.69   | 0.008      |
| 8    | 10814       | 10815     | NS   | 1    | -34.49  | 19.68  | 0.0        | -34.996  | 20.91  | 0.0        | 1.024    | 22.59  | 0.021      | 1.569     | 24.444 | 0.116      | 0.086   | 208.321 | 3.297      | 0.086    | 234.028 | 3.606      | 0.086    | 0.135   | 0.0        | 0.086     | 0.129  | 0.0        |
| 9    | 10815       | 10816     | SN   | 1    | -33.966 | 19.592 | 0.0        | -34.855  | 20.328 | 0.0        | -9.495   | 22.088 | 0.002      | -5.782    | 22.257 | 0.005      | 0.086   | 184.662 | 1.863      | 0.086    | 226.561 | 1.836      | 0.086    | 0.725   | 0.0        | 0.086     | 0.349  | 0.0        |
| 10   | 10815       | 10816     | NS   | 1    | -33.825 | 20.011 | 0.0        | -34.95   | 20.34  | 0.0        | -8.055   | 21.876 | 0.0        | -4.531    | 22.696 | 0.04       | 0.086   | 178.729 | 0.83       | 0.086    | 231.535 | 0.731      | 0.086    | 0.54    | 0.0        | 0.086     | 0.28   | 0.0        |
| 11   | 10815       | 10816     | SN   | 1    | -33.797 | 19.588 | 0.0        | -34.94   | 20.328 | 0.0        | -9.501   | 22.088 | 0.002      | -5.782    | 22.257 | 0.005      | 0.086   | 177.628 | 1.858      | 0.086    | 231.105 | 1.836      | 0.086    | 0.726   | 0.0        | 0.086     | 0.349  | 0.0        |
| 12   | 10815       | 10816     | NS   | 2    | -33.689 | 20.011 | 0.0        | -34.982  | 20.34  | 0.0        | -8.055   | 21.876 | 0.0        | -4.531    | 22.696 | 0.04       | 0.086   | 173.248 | 0.83       | 0.086    | 233.294 | 0.73       | 0.086    | 0.54    | 0.0        | 0.086     | 0.28   | 0.0        |
| 13   | 10815       | 10816     | SN   | 1    | -33.797 | 19.588 | 0.0        | -34.94   | 20.328 | 0.0        | -9.501   | 22.088 | 0.002      | -5.782    | 22.257 | 0.005      | 0.086   | 177.628 | 1.848      | 0.086    | 231.105 | 1.841      | 0.086    | 0.726   | 0.0        | 0.086     | 0.349  | 0.0        |
| 14   | 10816       | 10817     | SN   | 1    | -34.683 | 18.7   | 0.0        | -33.22   | 19.342 | 0.0        | 0.913    | 21.712 | 0.0        | 1.838     | 22.481 | 0.007      | 0.086   | 217.774 | 1.377      | 0.086    | 155.495 | 1.573      | 0.086    | 0.136   | 0.0        | 0.086     | 0.126  | 0.0        |
| 15   | 10816       | 10817     | SN   | 1    | -34.892 | 18.702 | 0.0        | -34.937  | 19.342 | 0.0        | 0.913    | 21.714 | 0.0        | 1.838     | 22.481 | 0.007      | 0.086   | 228.494 | 1.399      | 0.086    | 230.905 | 1.607      | 0.086    | 0.136   | 0.0        | 0.086     | 0.126  | 0.0        |
| 16   | 10816       | 10817     | SN   | 1    | -34.683 | 18.7   | 0.0        | -33.22   | 19.342 | 0.0        | 0.913    | 21.712 | 0.0        | 1.838     | 22.481 | 0.007      | 0.086   | 217.774 | 1.398      | 0.086    | 155.495 | 1.608      | 0.086    | 0.136   | 0.0        | 0.086     | 0.126  | 0.0        |
| 17   | 10816       | 10817     | NS   | 1    | -34.942 | 18.567 | 0.0        | -34.13   | 18.207 | 0.0        | -6.508   | 21.231 | 0.0        | -26.673   | 22.504 | 0.029      | 0.086   | 231.164 | 3.741      | 0.086    | 191.722 | 3.712      | 0.086    | 0.399   | 0.0        | 0.086     | 34.491 | 0.021      |
| 18   | 10817       | 10818     | NS   | 1    | -34.461 | 18.847 | 0.0        | -34.984  | 18.311 | 0.0        | -14.562  | 22.084 | 0.003      | -29.82    | 22.466 | 0.024      | 0.086   | 206.943 | 1.862      | 0.086    | 233.366 | 1.585      | 0.086    | 2.182   | 0.016      | 0.086     | 71.106 | 0.046      |
| 19   | 10817       | 10818     | SN   | 1    | -34.103 | 19.189 | 0.0        | -34.95   | 19.254 | 0.0        | 0.782    | 22.449 | 0.011      | 1.427     | 22.781 | 0.081      | 0.086   | 190.568 | 2.372      | 0.086    | 231.596 | 2.513      | 0.086    | 0.138   | 0.0        | 0.086     | 0.13   | 0.0        |
| 20   | 10817       | 10818     | SN   | 1    | -29.651 | 18.682 | 0.0        | -32.394  | 18.318 | 0.0        | 2.285    | 22.474 | 0.015      | 0.215     | 22.102 | 0.035      | 0.086   | 70.772  | 1.758      | 0.086    | 128.573 | 1.196      | 0.086    | 0.122   | 0.0        | 0.086     | 0.468  | 0.0        |
| 21   | 10817       | 10818     | SN   | 1    | 0.98    | 14.008 | 0.0        | 2.878    | 14.913 | 0.0        | 2.407    | 22.501 | 0.015      | 1.464     | 22.279 | 0.057      | 0.088   | 0.136   | 0.0        | 0.087    | 0.117   | 0.0        | 0.086    | 0.121   | 0.0        | 0.086     | 0.13   | 0.0        |
| 22   | 10817       | 10818     | NS   | 1    | -34.461 | 18.847 | 0.0        | -33.749  | 18.311 | 0.0        | -14.588  | 22.084 | 0.003      | -29.818   | 22.466 | 0.024      | 0.086   | 206.943 | 1.86       | 0.086    | 175.628 | 1.589      | 0.086    | 2.194   | 0.016      | 0.086     | 71.085 | 0.046      |
| 23   | 10818       | 10819     | SN   | 2    | -34.929 | 17.393 | 0.0        | -34.965  | 17.956 | 0.0        | 0.313    | 21.607 | 0.0        | 2.278     | 22.418 | 0.041      | 0.087   | 230.525 | 3.816      | 0.086    | 232.373 | 3.559      | 0.086    | 0.144   | 0.0        | 0.086     | 0.122  | 0.0        |
| 24   | 10818       | 10819     | NS   | 1    | -33.905 | 17.876 | 0.0        | -34.501  | 16.988 | 0.0        | -12.688  | 23.561 | 0.012      | -12.922   | 22.2   | 0.005      | 0.086   | 182.104 | 2.395      | 0.087    | 214.171 | 1.898      | 0.086    | 1.44    | 0.005      | 0.086     | 1.516  | 0.007      |
| 25   | 10818       | 10819     | SN   | 1    | -34.929 | 16.917 | 0.0        | -34.965  | 17.764 | 0.0        | 0.313    | 21.607 | 0.0        | 2.278     | 22.418 | 0.043      | 0.087   | 230.525 | 3.789      | 0.086    | 232.373 | 3.612      | 0.086    | 0.144   | 0.0        | 0.086     | 0.122  | 0.0        |
| 26   | 10818       | 10819     | SN   | 1    | -34.929 | 17.393 | 0.0        | -34.965  | 17.956 | 0.0        | 0.313    | 21.607 | 0.0        | 2.278     | 22.418 | 0.041      | 0.087   | 230.525 | 3.816      | 0.086    | 232.373 | 3.56       | 0.086    | 0.144   | 0.0        | 0.086     | 0.122  | 0.0        |
| 27   | 10819       | 10820     | SN   | 1    | -34.922 | 17.372 | 0.0        | -34.622  | 18.196 | 0.0        | 0.381    | 22.136 | 0.004      | 3.651     | 22.217 | 0.005      | 0.087   | 230.093 | 3.269      | 0.086    | 214.688 | 2.906      | 0.086    | 0.143   | 0.0        | 0.086     | 0.111  | 0.0        |
| 28   | 10819       | 10820     | NS   | 2    | -34.215 | 20.767 | 0.0        | -34.721  | 20.716 | 0.0        | -32.524  | 21.592 | 0.0        | -24.694   | 22.695 | 0.027      | 0.086   | 195.493 | 1.713      | 0.086    | 219.699 | 1.301      | 0.086    | 132.483 | 0.135      | 0.086     | 21.894 | 0.05       |
| 29   | 10819       | 10820     | NS   | 1    | -34.215 | 20.767 | 0.0        | -34.632  | 20.716 | 0.0        | -32.524  | 21.592 | 0.0        | -24.674   | 22.695 | 0.027      | 0.086   | 195.493 | 1.713      | 0.086    | 215.25  | 1.301      | 0.086    | 132.483 | 0.135      | 0.086     | 21.792 | 0.05       |
| 30   | 10819       | 10820     | SN   | 1    | -34.648 | 15.381 | 0.0        | -34.834  | 18.199 | 0.0        | 0.381    | 22.136 | 0.004      | 3.651     | 22.217 | 0.005      | 0.087   | 216.002 | 3.254      | 0.086    | 225.473 | 2.949      | 0.086    | 0.143   | 0.0        | 0.086     | 0.111  | 0.0        |
| 31   | 10820       | 10821     | NS   | 1    | -34.917 | 20.527 | 0.0        | -34.954  | 20.524 | 0.0        | 3.158    | 22.545 | 0.047      | 1.04      | 26.657 | 0.186      | 0.086   | 229.846 | 1.886      | 0.086    | 231.806 | 1.456      | 0.086    | 0.115   | 0.0        | 0.086     | 0.135  | 0.0        |
| 32   | 10820       | 10821     | NS   | 1    | -34.834 | 20.526 | 0.0        | -34.453  | 20.524 | 0.0        | 3.158    | 22.545 | 0.047      | 1.044     | 26.652 | 0.186      | 0.086   | 225.487 | 1.889      | 0.086    | 206.583 | 1.459      | 0.086    | 0.115   | 0.0        | 0.086     | 0.135  | 0.0        |





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

|    |       |       |    |   |         |        |     |         |        |       |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |        |       |
|----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 33 | 10820 | 10821 | SN | 1 | -34.857 | 16.847 | 0.0 | -34.895 | 18.504 | 0.0   | -7.501  | 23.055 | 0.116 | -4.593  | 28.898 | 0.411 | 0.087 | 226.651 | 4.553 | 0.086 | 228.727 | 3.819 | 0.086 | 0.521  | 0.0   | 0.086 | 0.283  | 0.0   |
| 34 | 10820 | 10821 | SN | 2 | -34.857 | 16.847 | 0.0 | -34.895 | 18.504 | 0.0   | -7.501  | 23.055 | 0.116 | -4.593  | 28.898 | 0.411 | 0.087 | 226.651 | 4.553 | 0.086 | 228.727 | 3.819 | 0.086 | 0.521  | 0.0   | 0.086 | 0.283  | 0.0   |
| 35 | 10821 | 10822 | NS | 1 | -34.591 | 20.953 | 0.0 | -34.326 | 21.069 | 0.0   | 1.15    | 23.184 | 0.164 | 0.692   | 23.64  | 0.422 | 0.086 | 213.224 | 2.708 | 0.086 | 200.636 | 2.637 | 0.086 | 0.133  | 0.0   | 0.086 | 0.139  | 0.0   |
| 36 | 10821 | 10822 | SN | 1 | -34.311 | 17.868 | 0.0 | -33.947 | 18.656 | 0.0   | -10.64  | 24.689 | 0.06  | -15.634 | 23.906 | 0.442 | 0.086 | 199.893 | 2.888 | 0.086 | 190.166 | 2.685 | 0.086 | 0.924  | 0.0   | 0.086 | 2.774  | 0.002 |
| 37 | 10822 | 10823 | SN | 1 | -33.32  | 18.072 | 0.0 | -32.979 | 18.748 | 0.0   | -21.893 | 22.3   | 0.01  | -4.554  | 23.72  | 0.175 | 0.086 | 159.167 | 0.645 | 0.086 | 147.114 | 0.884 | 0.086 | 11.811 | 0.007 | 0.086 | 0.281  | 0.0   |
| 38 | 10822 | 10823 | NS | 1 | -34.959 | 21.35  | 0.0 | -34.943 | 19.059 | 0.0   | -0.386  | 23.133 | 0.368 | -12.823 | 23.448 | 0.934 | 0.086 | 232.047 | 2.304 | 0.086 | 231.257 | 2.071 | 0.086 | 0.156  | 0.0   | 0.086 | 1.484  | 0.003 |
| 39 | 10823 | 10824 | SN | 1 | -34.809 | 20.119 | 0.0 | -34.942 | 20.809 | 0.0   | -31.187 | 22.593 | 0.017 | -25.37  | 22.924 | 0.091 | 0.086 | 224.213 | 6.488 | 0.086 | 231.177 | 6.228 | 0.086 | 97.404 | 0.09  | 0.086 | 25.566 | 0.104 |
| 40 | 10823 | 10824 | NS | 1 | -34.55  | 20.608 | 0.0 | -34.781 | 22.104 | 0.001 | -5.116  | 22.455 | 0.013 | -5.826  | 23.858 | 0.634 | 0.086 | 211.24  | 1.297 | 0.086 | 222.749 | 1.322 | 0.086 | 0.31   | 0.0   | 0.086 | 0.352  | 0.0   |
| 41 | 10823 | 10824 | NS | 1 | -34.55  | 20.608 | 0.0 | -34.781 | 22.104 | 0.001 | -5.116  | 22.455 | 0.013 | -5.826  | 23.858 | 0.632 | 0.086 | 211.24  | 1.296 | 0.086 | 222.749 | 1.321 | 0.086 | 0.31   | 0.0   | 0.086 | 0.352  | 0.0   |
| 42 | 10824 | 10825 | SN | 1 | -34.775 | 19.652 | 0.0 | -34.86  | 20.509 | 0.0   | -21.509 | 22.508 | 0.003 | -21.556 | 23.032 | 0.099 | 0.086 | 222.461 | 1.508 | 0.086 | 226.851 | 1.788 | 0.086 | 10.547 | 0.026 | 0.086 | 10.662 | 0.014 |
| 43 | 10824 | 10825 | SN | 2 | -34.775 | 19.652 | 0.0 | -34.86  | 20.509 | 0.0   | -21.512 | 22.508 | 0.003 | -21.557 | 23.032 | 0.099 | 0.086 | 222.461 | 1.509 | 0.086 | 226.851 | 1.788 | 0.086 | 10.555 | 0.026 | 0.086 | 10.664 | 0.014 |
| 44 | 10824 | 10825 | NS | 1 | -33.873 | 19.48  | 0.0 | -34.9   | 20.02  | 0.0   | -10.156 | 22.396 | 0.014 | -6.301  | 23.748 | 0.505 | 0.086 | 180.75  | 1.657 | 0.086 | 228.942 | 1.394 | 0.086 | 0.833  | 0.0   | 0.086 | 0.384  | 0.0   |
| 45 | 10824 | 10825 | NS | 1 | -34.608 | 19.48  | 0.0 | -34.275 | 20.02  | 0.0   | -10.156 | 22.396 | 0.014 | -6.301  | 23.748 | 0.507 | 0.086 | 214.028 | 1.657 | 0.086 | 198.285 | 1.392 | 0.086 | 0.833  | 0.0   | 0.086 | 0.384  | 0.0   |
| 46 | 10824 | 10825 | NS | 1 | -33.873 | 19.48  | 0.0 | -34.9   | 20.02  | 0.0   | -10.156 | 22.396 | 0.014 | -6.301  | 23.748 | 0.518 | 0.086 | 180.75  | 1.659 | 0.086 | 228.942 | 1.394 | 0.086 | 0.833  | 0.0   | 0.086 | 0.384  | 0.0   |
| 47 | 10825 | 10826 | NS | 1 | -34.714 | 19.293 | 0.0 | -34.984 | 20.118 | 0.0   | -6.902  | 22.246 | 0.012 | -6.186  | 23.519 | 0.576 | 0.086 | 219.386 | 2.819 | 0.086 | 233.356 | 2.641 | 0.086 | 0.43   | 0.0   | 0.086 | 0.376  | 0.0   |
| 48 | 10825 | 10826 | SN | 1 | -32.911 | 17.69  | 0.0 | -33.573 | 20.37  | 0.0   | -13.471 | 22.871 | 0.022 | -13.55  | 23.324 | 0.176 | 0.086 | 144.826 | 1.371 | 0.086 | 168.657 | 1.537 | 0.086 | 1.711  | 0.006 | 0.086 | 1.742  | 0.003 |
| 49 | 10825 | 10826 | SN | 1 | -33.274 | 17.692 | 0.0 | -34.979 | 20.37  | 0.0   | -13.511 | 22.871 | 0.022 | -13.554 | 23.324 | 0.176 | 0.086 | 161.486 | 1.366 | 0.086 | 233.111 | 1.52  | 0.086 | 1.727  | 0.006 | 0.086 | 1.744  | 0.003 |
| 50 | 10825 | 10826 | NS | 1 | -34.931 | 19.293 | 0.0 | -34.77  | 20.118 | 0.0   | -6.902  | 22.246 | 0.012 | -6.186  | 23.521 | 0.572 | 0.086 | 230.585 | 2.821 | 0.086 | 222.174 | 2.648 | 0.086 | 0.43   | 0.0   | 0.086 | 0.376  | 0.0   |
| 51 | 10826 | 10827 | NS | 1 | -34.752 | 20.801 | 0.0 | -34.982 | 19.426 | 0.0   | 1.321   | 22.262 | 0.029 | 1.632   | 23.772 | 0.928 | 0.086 | 221.215 | 2.516 | 0.086 | 233.327 | 2.602 | 0.086 | 0.131  | 0.0   | 0.086 | 0.128  | 0.0   |
| 52 | 10826 | 10827 | SN | 1 | -34.917 | 17.992 | 0.0 | -33.978 | 20.667 | 0.0   | -22.598 | 22.498 | 0.037 | -27.078 | 23.32  | 0.711 | 0.086 | 229.857 | 2.31  | 0.086 | 185.131 | 1.955 | 0.086 | 13.537 | 0.05  | 0.086 | 37.86  | 0.14  |
| 53 | 10826 | 10827 | SN | 1 | -34.776 | 17.992 | 0.0 | -34.461 | 20.667 | 0.0   | -22.563 | 22.498 | 0.037 | -27.049 | 23.32  | 0.711 | 0.086 | 222.514 | 2.313 | 0.086 | 206.888 | 1.957 | 0.086 | 13.428 | 0.05  | 0.086 | 37.602 | 0.14  |
| 54 | 10826 | 10827 | NS | 1 | -34.752 | 20.801 | 0.0 | -34.982 | 19.426 | 0.0   | 1.424   | 22.262 | 0.013 | 1.663   | 23.745 | 0.696 | 0.086 | 221.215 | 2.504 | 0.086 | 233.327 | 2.602 | 0.086 | 0.13   | 0.0   | 0.086 | 0.128  | 0.0   |
| 55 | 10826 | 10827 | NS | 2 | -34.752 | 20.801 | 0.0 | -34.982 | 19.426 | 0.0   | 1.424   | 22.262 | 0.013 | 1.663   | 23.745 | 0.696 | 0.086 | 221.215 | 2.504 | 0.086 | 233.327 | 2.603 | 0.086 | 0.13   | 0.0   | 0.086 | 0.128  | 0.0   |
| 56 | 10827 | 10828 | SN | 1 | -34.787 | 18.071 | 0.0 | -34.999 | 20.506 | 0.0   | -0.804  | 23.157 | 0.257 | -0.651  | 23.572 | 1.467 | 0.086 | 223.08  | 2.761 | 0.086 | 234.248 | 2.404 | 0.086 | 0.163  | 0.0   | 0.086 | 0.16   | 0.0   |
| 57 | 10827 | 10828 | SN | 2 | -34.787 | 18.071 | 0.0 | -34.999 | 20.506 | 0.0   | -0.804  | 23.157 | 0.257 | -0.651  | 23.572 | 1.467 | 0.086 | 223.08  | 2.761 | 0.086 | 234.248 | 2.404 | 0.086 | 0.163  | 0.0   | 0.086 | 0.16   | 0.0   |
| 58 | 10827 | 10828 | NS | 1 | -34.92  | 20.311 | 0.0 | -34.957 | 18.379 | 0.0   | 2.268   | 22.893 | 0.093 | 2.834   | 23.936 | 0.584 | 0.086 | 229.968 | 3.312 | 0.086 | 231.937 | 3.225 | 0.086 | 0.122  | 0.0   | 0.086 | 0.117  | 0.0   |
| 59 | 10827 | 10828 | NS | 2 | -34.92  | 20.311 | 0.0 | -34.957 | 18.379 | 0.0   | 2.268   | 22.893 | 0.093 | 2.834   | 23.936 | 0.584 | 0.086 | 229.968 | 3.312 | 0.086 | 231.937 | 3.225 | 0.086 | 0.122  | 0.0   | 0.086 | 0.117  | 0.0   |
| 60 | 10827 | 10828 | SN | 1 | -34.787 | 14.748 | 0.0 | -34.999 | 15.026 | 0.0   | 0.064   | 23.157 | 0.239 | -0.656  | 23.57  | 1.477 | 0.088 | 223.08  | 2.747 | 0.087 | 234.248 | 2.554 | 0.086 | 0.148  | 0.0   | 0.086 | 0.16   | 0.0   |
| 61 | 10827 | 10828 | NS | 1 | -34.92  | 20.311 | 0.0 | -34.957 | 18.379 | 0.0   | 3.659   | 21.675 | 0.0   | 3.173   | 21.046 | 0.0   | 0.086 | 229.968 | 3.461 | 0.086 | 231.937 | 3.231 | 0.086 | 0.111  | 0.0   | 0.086 | 0.115  | 0.0   |
| 62 | 10828 | 10829 | SN | 1 | -34.345 | 21.154 | 0.0 | -34.281 | 20.948 | 0.0   | -2.651  | 22.396 | 0.005 | 1.171   | 22.498 | 0.01  | 0.086 | 201.438 | 2.889 | 0.086 | 198.565 | 2.318 | 0.086 | 0.208  | 0.0   | 0.086 | 0.136  | 0.0   |
| 63 | 10828 | 10829 | NS | 2 | -34.843 | 21.268 | 0.0 | -34.965 | 20.79  | 0.0   | 0.259   | 23.233 | 0.092 | 0.079   | 23.283 | 0.259 | 0.086 | 225.952 | 4.909 | 0.086 | 232.422 | 5.092 | 0.086 | 0.145  | 0.0   | 0.086 | 0.148  | 0.0   |
| 64 | 10828 | 10829 | SN | 1 | -34.076 | 21.152 | 0.0 | -34.182 | 20.95  | 0.0   | -2.654  | 22.395 | 0.004 | 1.171   | 22.497 | 0.01  | 0.086 | 189.38  | 2.77  | 0.086 | 194.053 | 2.173 | 0.086 | 0.208  | 0.0   | 0.086 | 0.136  | 0.0   |
| 65 | 10828 | 10829 | NS | 1 | -34.844 | 21.268 | 0.0 | -34.926 | 20.789 | 0.0   | 0.259   | 23.233 | 0.092 | 0.079   | 23.283 | 0.259 | 0.086 | 226.01  | 4.91  | 0.086 | 230.3   | 5.092 | 0.086 | 0.145  | 0.0   | 0.086 | 0.148  | 0.0   |
| 66 | 10828 | 10829 | SN | 1 | -34.345 | 21.154 | 0.0 | -34.281 | 20.948 | 0.0   | -2.651  | 22.396 | 0.005 | 1.171   | 22.498 | 0.01  | 0.086 | 201.438 | 2.77  | 0.086 | 198.565 | 2.172 | 0.086 | 0.208  | 0.0   | 0.086 | 0.136  | 0.0   |
| 67 | 10829 | 10830 | SN | 1 | -33.242 | 20.212 | 0.0 | -33.775 | 20.459 | 0.0   | -11.257 | 22.152 | 0.002 | -9.794  | 22.732 | 0.017 | 0.086 | 156.307 | 1.725 | 0.086 | 179.727 | 1.858 | 0.086 | 1.055  | 0.002 | 0.086 | 0.772  | 0.0   |
| 68 | 10829 | 10830 | SN | 2 | -33.242 | 20.212 | 0.0 | -33.775 | 20.459 | 0.0   | -11.257 | 22.152 | 0.002 | -9.794  | 22.732 | 0.017 | 0.086 | 156.307 | 1.725 | 0.086 | 179.727 | 1.858 | 0.086 | 1.055  | 0.002 | 0.086 | 0.772  | 0.0   |
| 69 | 10829 | 10830 | NS | 1 | -34.707 | 19.508 | 0.0 | -34.32  | 20.642 | 0.0   | -7.037  | 23.6   | 0.004 | -7.213  | 24.633 | 0.063 | 0.086 | 218.946 | 2.012 | 0.086 | 200.33  | 2.045 | 0.086 | 0.442  | 0.0   | 0.086 | 0.46   | 0.0   |

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



|     |       |       |    |   |         |        |       |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |         |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 70  | 10829 | 10830 | NS | 1 | -34.018 | 19.508 | 0.0   | -34.376 | 20.645 | 0.0 | -7.037  | 23.6   | 0.004 | -7.213  | 24.633 | 0.063 | 0.086 | 186.852 | 2.02  | 0.086 | 202.92  | 2.058 | 0.086 | 0.442  | 0.0   | 0.086 | 0.46    | 0.0   |
| 71  | 10829 | 10830 | SN | 1 | -33.242 | 20.212 | 0.0   | -33.775 | 20.459 | 0.0 | -11.257 | 22.152 | 0.002 | -9.794  | 22.732 | 0.017 | 0.086 | 156.307 | 1.765 | 0.086 | 179.727 | 1.741 | 0.086 | 1.055  | 0.002 | 0.086 | 0.772   | 0.0   |
| 72  | 10830 | 10831 | NS | 1 | -34.782 | 18.782 | 0.0   | -34.965 | 17.797 | 0.0 | -11.491 | 21.378 | 0.0   | -26.966 | 22.726 | 0.039 | 0.086 | 222.864 | 3.191 | 0.086 | 232.37  | 2.868 | 0.086 | 1.109  | 0.002 | 0.086 | 36.884  | 0.027 |
| 73  | 10830 | 10831 | SN | 1 | -34.586 | 20.052 | 0.0   | -34.787 | 20.24  | 0.0 | -16.808 | 22.443 | 0.003 | -14.074 | 21.892 | 0.0   | 0.086 | 218.408 | 2.53  | 0.086 | 223.026 | 2.549 | 0.086 | 3.615  | 0.016 | 0.086 | 1.957   | 0.008 |
| 74  | 10830 | 10831 | NS | 1 | -34.994 | 18.782 | 0.0   | -34.965 | 17.797 | 0.0 | -11.491 | 21.378 | 0.0   | -26.966 | 22.726 | 0.039 | 0.086 | 233.999 | 3.193 | 0.086 | 232.37  | 2.892 | 0.086 | 1.109  | 0.002 | 0.086 | 36.884  | 0.027 |
| 75  | 10830 | 10831 | SN | 1 | -34.586 | 20.052 | 0.0   | -34.787 | 20.24  | 0.0 | -16.808 | 22.443 | 0.003 | -14.074 | 21.892 | 0.0   | 0.086 | 218.408 | 2.541 | 0.086 | 223.026 | 2.687 | 0.086 | 3.615  | 0.016 | 0.086 | 1.957   | 0.008 |
| 76  | 10831 | 10832 | SN | 1 | -33.045 | 18.782 | 0.0   | -34.919 | 18.956 | 0.0 | 1.058   | 21.985 | 0.0   | 1.386   | 21.827 | 0.0   | 0.086 | 149.375 | 2.203 | 0.086 | 229.928 | 3.967 | 0.086 | 0.134  | 0.0   | 0.086 | 0.131   | 0.0   |
| 77  | 10831 | 10832 | SN | 1 | -34.994 | 18.775 | 0.0   | -34.925 | 19.166 | 0.0 | 1.058   | 21.989 | 0.0   | 1.424   | 21.814 | 0.0   | 0.086 | 233.973 | 1.795 | 0.086 | 230.267 | 1.909 | 0.086 | 0.134  | 0.0   | 0.086 | 0.13    | 0.0   |
| 78  | 10831 | 10832 | NS | 1 | -34.948 | 18.43  | 0.0   | -34.934 | 17.537 | 0.0 | -27.191 | 21.593 | 0.0   | -31.524 | 22.512 | 0.017 | 0.086 | 231.516 | 6.437 | 0.087 | 230.714 | 5.927 | 0.086 | 38.86  | 0.109 | 0.086 | 105.279 | 0.061 |
| 79  | 10831 | 10832 | NS | 1 | -34.948 | 18.43  | 0.0   | -34.934 | 17.537 | 0.0 | -27.191 | 21.898 | 0.0   | -31.524 | 22.512 | 0.017 | 0.086 | 231.516 | 6.422 | 0.087 | 230.714 | 5.892 | 0.086 | 38.86  | 0.106 | 0.086 | 105.279 | 0.06  |
| 80  | 10831 | 10832 | SN | 1 | -28.536 | 18.55  | 0.0   | -34.954 | 18.993 | 0.0 | 1.058   | 21.989 | 0.0   | 1.41    | 21.824 | 0.0   | 0.086 | 52.933  | 1.741 | 0.086 | 231.843 | 3.24  | 0.086 | 0.134  | 0.0   | 0.086 | 0.13    | 0.0   |
| 81  | 10832 | 10833 | NS | 1 | -33.669 | 18.216 | 0.0   | -34.963 | 17.296 | 0.0 | -26.639 | 22.457 | 0.016 | -16.078 | 23.02  | 0.035 | 0.086 | 172.428 | 3.342 | 0.087 | 232.3   | 2.247 | 0.086 | 34.219 | 0.006 | 0.086 | 3.066   | 0.002 |
| 82  | 10832 | 10833 | SN | 1 | -34.816 | 18.467 | 0.0   | -34.072 | 18.793 | 0.0 | 0.932   | 21.85  | 0.0   | 1.696   | 22.119 | 0.032 | 0.086 | 224.601 | 2.779 | 0.086 | 189.235 | 3.041 | 0.086 | 0.136  | 0.0   | 0.086 | 0.127   | 0.0   |
| 83  | 10832 | 10833 | NS | 2 | -33.669 | 18.227 | 0.0   | -34.963 | 17.294 | 0.0 | -26.639 | 22.457 | 0.016 | -16.494 | 23.02  | 0.035 | 0.086 | 172.428 | 3.338 | 0.087 | 232.3   | 2.259 | 0.086 | 34.219 | 0.006 | 0.086 | 3.368   | 0.002 |
| 84  | 10832 | 10833 | SN | 1 | -34.566 | 18.467 | 0.0   | -34.36  | 18.793 | 0.0 | 0.932   | 21.85  | 0.0   | 1.696   | 22.119 | 0.032 | 0.086 | 211.967 | 2.772 | 0.086 | 202.196 | 3.038 | 0.086 | 0.136  | 0.0   | 0.086 | 0.127   | 0.0   |
| 85  | 10833 | 10834 | SN | 1 | -34.919 | 17.438 | 0.0   | -33.927 | 18.261 | 0.0 | 0.46    | 21.408 | 0.0   | 2.313   | 22.01  | 0.007 | 0.087 | 229.947 | 2.356 | 0.086 | 182.971 | 2.193 | 0.086 | 0.142  | 0.0   | 0.086 | 0.122   | 0.0   |
| 86  | 10833 | 10834 | SN | 1 | -34.919 | 17.438 | 0.0   | -33.927 | 18.261 | 0.0 | 0.46    | 21.408 | 0.0   | 2.313   | 22.01  | 0.007 | 0.087 | 229.947 | 2.34  | 0.086 | 182.971 | 2.199 | 0.086 | 0.142  | 0.0   | 0.086 | 0.122   | 0.0   |
| 87  | 10833 | 10834 | NS | 1 | -34.877 | 19.882 | 0.0   | -34.861 | 17.325 | 0.0 | -27.556 | 21.394 | 0.0   | -13.459 | 22.655 | 0.012 | 0.086 | 227.742 | 2.912 | 0.087 | 226.884 | 2.873 | 0.086 | 42.262 | 0.008 | 0.086 | 1.707   | 0.009 |
| 88  | 10834 | 10835 | SN | 1 | -34.555 | 16.909 | 0.0   | -34.99  | 17.876 | 0.0 | 0.505   | 22.72  | 0.084 | 1.094   | 22.936 | 0.189 | 0.087 | 211.455 | 4.247 | 0.086 | 233.698 | 3.905 | 0.086 | 0.142  | 0.0   | 0.086 | 0.134   | 0.0   |
| 89  | 10834 | 10835 | NS | 2 | -34.557 | 20.377 | 0.0   | -32.76  | 20.835 | 0.0 | -24.4   | 21.814 | 0.0   | -28.72  | 22.478 | 0.029 | 0.086 | 211.564 | 1.569 | 0.086 | 139.901 | 1.534 | 0.086 | 20.465 | 0.212 | 0.086 | 55.219  | 0.176 |
| 90  | 10834 | 10835 | SN | 2 | -34.654 | 16.909 | 0.0   | -34.99  | 17.876 | 0.0 | 0.505   | 22.72  | 0.084 | 1.094   | 22.936 | 0.189 | 0.087 | 216.329 | 4.245 | 0.086 | 233.698 | 3.903 | 0.086 | 0.142  | 0.0   | 0.086 | 0.134   | 0.0   |
| 91  | 10834 | 10835 | NS | 1 | -34.557 | 20.377 | 0.0   | -32.76  | 20.835 | 0.0 | -24.4   | 21.814 | 0.0   | -28.72  | 22.478 | 0.029 | 0.086 | 211.564 | 1.569 | 0.086 | 139.901 | 1.534 | 0.086 | 20.465 | 0.212 | 0.086 | 55.219  | 0.176 |
| 92  | 10834 | 10835 | SN | 1 | -34.654 | 15.323 | 0.0   | -34.99  | 17.893 | 0.0 | 0.505   | 22.72  | 0.085 | 1.094   | 22.936 | 0.189 | 0.087 | 216.329 | 4.311 | 0.086 | 233.698 | 3.996 | 0.086 | 0.142  | 0.0   | 0.086 | 0.134   | 0.0   |
| 93  | 10835 | 10836 | NS | 1 | -34.71  | 21.261 | 0.0   | -34.631 | 20.88  | 0.0 | 2.558   | 22.155 | 0.018 | 1.382   | 23.569 | 0.183 | 0.086 | 219.093 | 2.53  | 0.086 | 215.191 | 1.793 | 0.086 | 0.119  | 0.0   | 0.086 | 0.131   | 0.0   |
| 94  | 10835 | 10836 | SN | 1 | -34.224 | 16.929 | 0.0   | -34.544 | 17.653 | 0.0 | -7.323  | 23.442 | 0.185 | -6.574  | 23.634 | 0.586 | 0.087 | 195.951 | 5.086 | 0.087 | 210.916 | 4.616 | 0.086 | 0.484  | 0.0   | 0.086 | 0.419   | 0.0   |
| 95  | 10835 | 10836 | SN | 2 | -34.224 | 17.084 | 0.0   | -34.544 | 18.088 | 0.0 | -7.323  | 23.442 | 0.18  | -6.574  | 23.634 | 0.585 | 0.087 | 195.951 | 4.848 | 0.086 | 210.916 | 4.26  | 0.086 | 0.484  | 0.0   | 0.086 | 0.419   | 0.0   |
| 96  | 10835 | 10836 | SN | 1 | -34.224 | 17.084 | 0.0   | -34.544 | 18.088 | 0.0 | -7.323  | 23.442 | 0.18  | -6.574  | 23.634 | 0.585 | 0.087 | 195.951 | 4.848 | 0.086 | 210.916 | 4.26  | 0.086 | 0.484  | 0.0   | 0.086 | 0.419   | 0.0   |
| 97  | 10835 | 10836 | NS | 1 | -34.379 | 21.261 | 0.0   | -34.946 | 20.882 | 0.0 | 2.567   | 22.155 | 0.018 | 1.388   | 23.569 | 0.183 | 0.086 | 203.036 | 2.533 | 0.086 | 231.4   | 1.791 | 0.086 | 0.119  | 0.0   | 0.086 | 0.131   | 0.0   |
| 98  | 10836 | 10837 | NS | 1 | -33.647 | 22.064 | 0.001 | -34.713 | 18.097 | 0.0 | -3.992  | 23.564 | 0.159 | 1.148   | 23.586 | 0.675 | 0.086 | 171.55  | 1.866 | 0.086 | 219.316 | 1.421 | 0.086 | 0.256  | 0.0   | 0.086 | 0.133   | 0.0   |
| 99  | 10836 | 10837 | SN | 2 | -34.872 | 17.413 | 0.0   | -34.456 | 18.342 | 0.0 | -23.864 | 22.477 | 0.026 | -9.305  | 23.781 | 0.334 | 0.087 | 227.449 | 3.966 | 0.086 | 213.85  | 4.207 | 0.086 | 18.095 | 0.033 | 0.086 | 0.697   | 0.0   |
| 100 | 10836 | 10837 | NS | 1 | -33.396 | 22.064 | 0.001 | -34.85  | 18.097 | 0.0 | -3.994  | 23.564 | 0.159 | 1.139   | 23.586 | 0.677 | 0.086 | 161.942 | 1.867 | 0.086 | 226.37  | 1.422 | 0.086 | 0.256  | 0.0   | 0.086 | 0.134   | 0.0   |
| 101 | 10836 | 10837 | SN | 1 | -34.868 | 17.413 | 0.0   | -34.456 | 18.342 | 0.0 | -23.864 | 22.477 | 0.026 | -9.305  | 23.781 | 0.334 | 0.087 | 227.253 | 3.966 | 0.086 | 213.864 | 4.209 | 0.086 | 18.095 | 0.033 | 0.086 | 0.697   | 0.0   |
| 102 | 10837 | 10838 | SN | 1 | -34.991 | 20.651 | 0.0   | -34.973 | 19.888 | 0.0 | -4.927  | 22.263 | 0.007 | -1.825  | 22.761 | 0.072 | 0.086 | 233.828 | 7.988 | 0.086 | 232.785 | 7.25  | 0.086 | 0.3    | 0.0   | 0.086 | 0.19    | 0.0   |
| 103 | 10837 | 10838 | NS | 1 | -34.331 | 20.62  | 0.0   | -33.632 | 21.833 | 0.0 | -16.876 | 23.184 | 0.309 | -21.042 | 23.816 | 0.815 | 0.086 | 200.827 | 1.243 | 0.086 | 170.974 | 1.141 | 0.086 | 3.671  | 0.018 | 0.086 | 9.479   | 0.008 |
| 104 | 10837 | 10838 | NS | 1 | -33.771 | 20.62  | 0.0   | -34.688 | 21.833 | 0.0 | -16.98  | 23.184 | 0.308 | -21.042 | 23.816 | 0.804 | 0.086 | 176.561 | 1.245 | 0.086 | 218.031 | 1.143 | 0.086 | 3.759  | 0.018 | 0.086 | 9.479   | 0.008 |
| 105 | 10838 | 10839 | NS | 1 | -33.483 | 20.716 | 0.0   | -34.97  | 20.346 | 0.0 | -13.746 | 22.285 | 0.016 | -13.225 | 23.56  | 0.555 | 0.086 | 165.193 | 2.774 | 0.086 | 232.654 | 2.737 | 0.086 | 1.82   | 0.005 | 0.086 | 1.621   | 0.002 |
| 106 | 10838 | 10839 | SN | 1 | -34.821 | 18.707 | 0.0   | -34.725 | 20.526 | 0.0 | -23.929 | 23.12  | 0.012 | -16.307 | 22.961 | 0.06  | 0.086 | 224.82  | 3.781 | 0.086 | 219.904 | 3.483 | 0.086 | 18.363 | 0.096 | 0.086 | 3.228   | 0.019 |

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

|     |       |       |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |       |       |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 107 | 10839 | 10840 | NS | 1 | -34.668 | 19.454 | 0.0 | -33.443 | 20.664 | 0.0 | -6.4    | 22.328 | 0.014 | -15.722 | 23.738 | 0.485 | 0.086 | 217.054 | 1.416 | 0.086 | 163.685 | 1.394 | 0.086 | 0.391  | 0.0   | 0.086 | 2.83  | 0.003 |
| 108 | 10839 | 10840 | SN | 1 | -33.387 | 17.112 | 0.0 | -34.642 | 20.277 | 0.0 | -30.604 | 22.526 | 0.016 | -31.133 | 23.117 | 0.133 | 0.087 | 167.192 | 1.568 | 0.086 | 223.133 | 1.406 | 0.086 | 85.192 | 0.117 | 0.086 | 96.22 | 0.129 |
| 109 | 10840 | 10841 | SN | 1 | -34.926 | 17.823 | 0.0 | -34.536 | 20.323 | 0.0 | -23.872 | 22.354 | 0.011 | -20.742 | 23.6   | 0.372 | 0.086 | 230.366 | 2.127 | 0.086 | 210.574 | 1.801 | 0.086 | 18.124 | 0.074 | 0.086 | 8.85  | 0.07  |
| 110 | 10840 | 10841 | NS | 1 | -34.458 | 20.65  | 0.0 | -34.7   | 20.056 | 0.0 | -11.941 | 21.736 | 0.0   | -7.054  | 23.344 | 0.62  | 0.086 | 206.763 | 2.513 | 0.086 | 218.632 | 2.299 | 0.086 | 1.223  | 0.006 | 0.086 | 0.443 | 0.0   |
| 111 | 10841 | 10842 | SN | 2 | -34.931 | 18.066 | 0.0 | -34.857 | 20.282 | 0.0 | 0.783   | 23.017 | 0.073 | -20.312 | 24.189 | 2.048 | 0.086 | 230.561 | 3.66  | 0.086 | 226.658 | 3.472 | 0.086 | 0.138  | 0.0   | 0.086 | 8.021 | 0.089 |
| 112 | 10841 | 10842 | NS | 1 | -34.286 | 20.305 | 0.0 | -34.444 | 21.236 | 0.0 | -0.527  | 22.515 | 0.02  | 3.059   | 23.298 | 0.607 | 0.086 | 198.78  | 2.062 | 0.086 | 206.115 | 1.758 | 0.086 | 0.158  | 0.0   | 0.086 | 0.116 | 0.0   |
| 113 | 10841 | 10842 | NS | 1 | -34.286 | 20.305 | 0.0 | -34.724 | 21.236 | 0.0 | -0.527  | 22.514 | 0.02  | 3.059   | 23.298 | 0.608 | 0.086 | 198.78  | 2.062 | 0.086 | 219.869 | 1.76  | 0.086 | 0.158  | 0.0   | 0.086 | 0.116 | 0.0   |
| 114 | 10841 | 10842 | NS | 1 | -34.286 | 20.305 | 0.0 | -34.724 | 21.236 | 0.0 | -0.527  | 21.7   | 0.0   | 3.074   | 23.227 | 0.226 | 0.086 | 198.78  | 2.089 | 0.086 | 219.869 | 1.76  | 0.086 | 0.158  | 0.0   | 0.086 | 0.115 | 0.0   |
| 115 | 10841 | 10842 | SN | 1 | -34.931 | 18.066 | 0.0 | -34.857 | 20.282 | 0.0 | 0.783   | 23.017 | 0.073 | -20.312 | 24.189 | 2.048 | 0.086 | 230.561 | 3.66  | 0.086 | 226.658 | 3.472 | 0.086 | 0.138  | 0.0   | 0.086 | 8.021 | 0.089 |
| 116 | 10842 | 10843 | NS | 1 | -34.54  | 19.369 | 0.0 | -34.787 | 19.882 | 0.0 | 2.333   | 22.613 | 0.107 | 1.069   | 23.419 | 0.474 | 0.086 | 210.676 | 6.752 | 0.086 | 223.043 | 5.852 | 0.086 | 0.121  | 0.0   | 0.086 | 0.134 | 0.0   |
| 117 | 10842 | 10843 | NS | 1 | -34.54  | 19.369 | 0.0 | -34.787 | 19.882 | 0.0 | 2.341   | 22.594 | 0.054 | 1.069   | 23.42  | 0.503 | 0.086 | 210.676 | 6.752 | 0.086 | 223.043 | 5.852 | 0.086 | 0.121  | 0.0   | 0.086 | 0.134 | 0.0   |
| 118 | 10842 | 10843 | NS | 1 | -34.991 | 19.369 | 0.0 | -34.736 | 19.882 | 0.0 | 2.333   | 22.614 | 0.105 | 1.069   | 23.42  | 0.474 | 0.086 | 233.807 | 6.75  | 0.086 | 220.49  | 5.863 | 0.086 | 0.121  | 0.0   | 0.086 | 0.134 | 0.0   |

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

Normal

Deviations

Alarming

High Errors