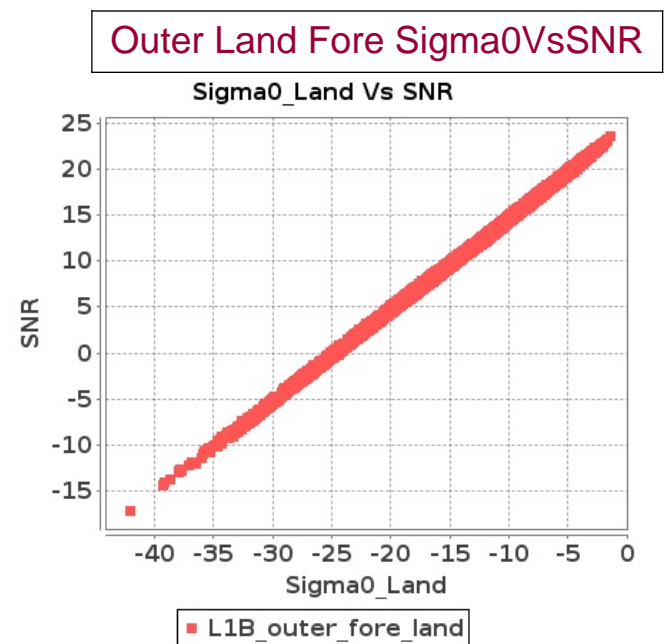
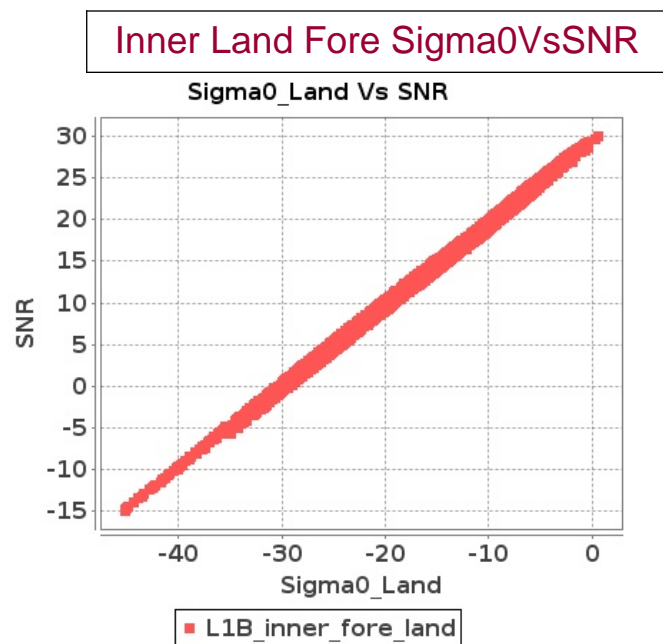
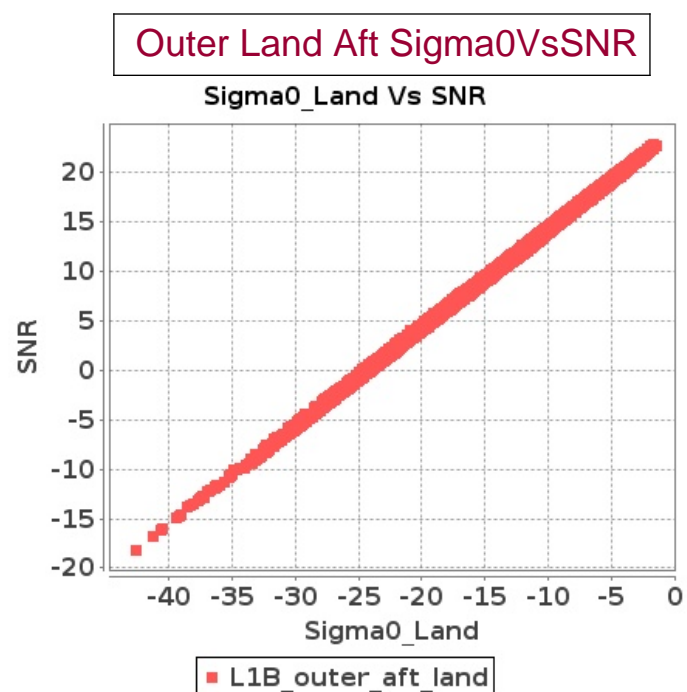
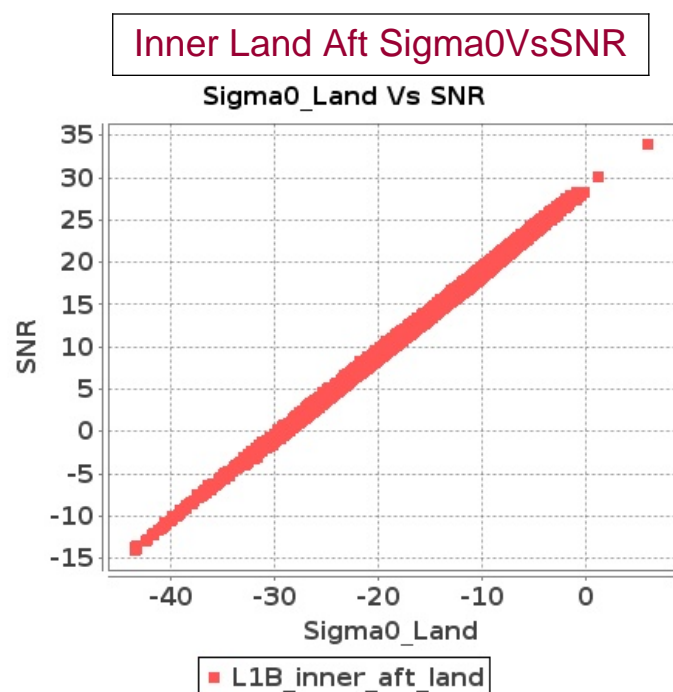
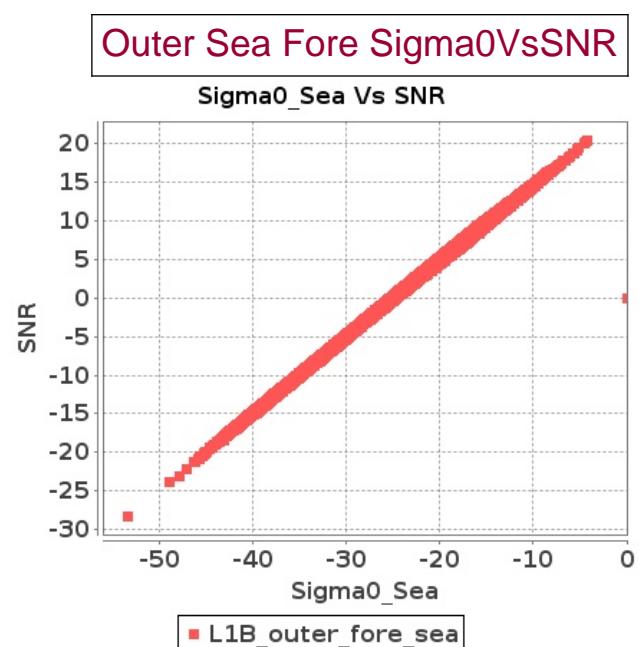
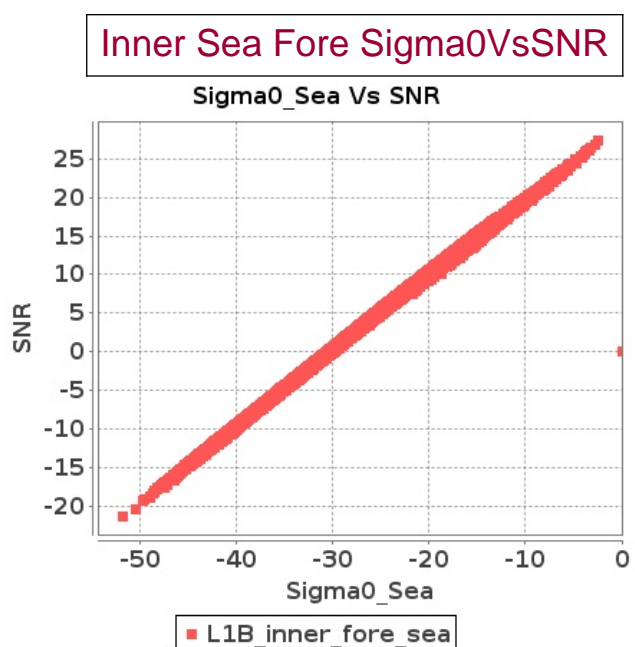
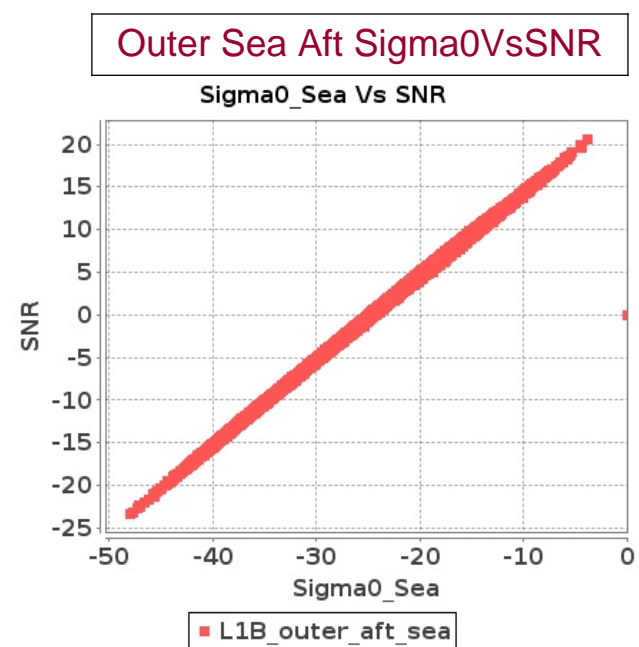
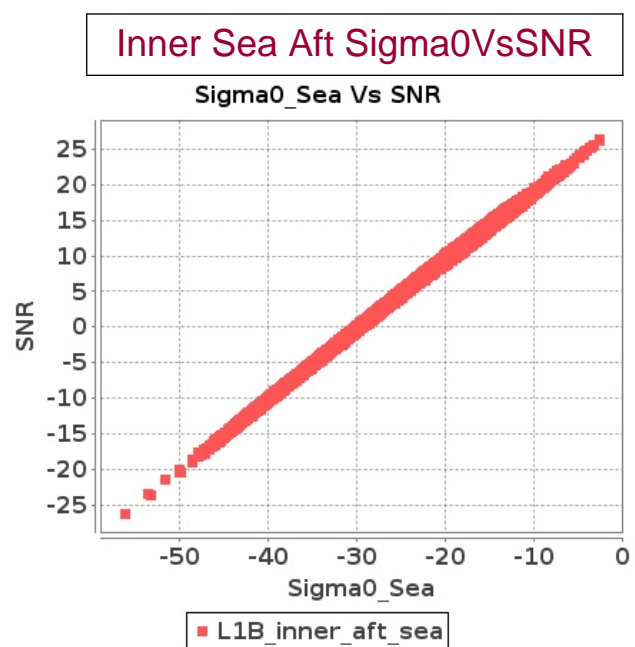
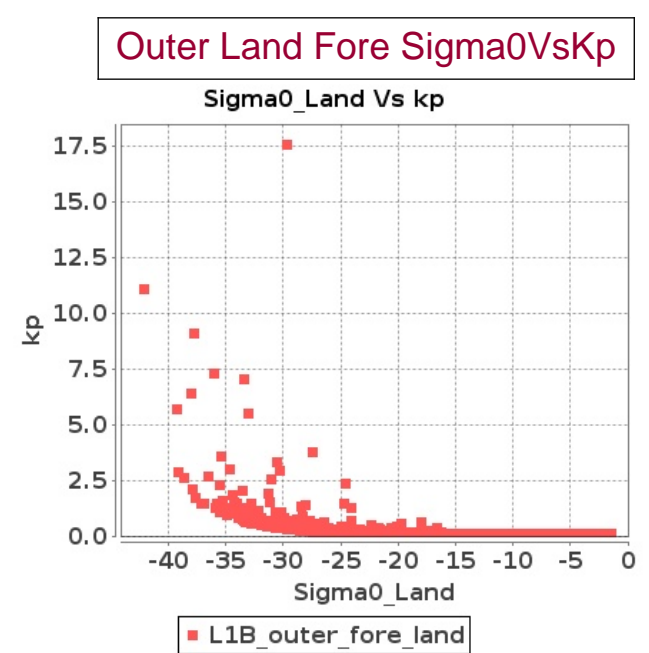
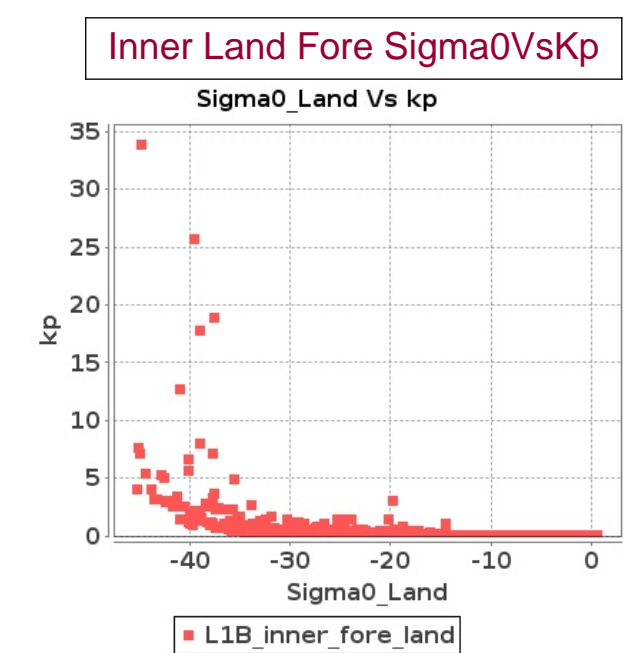
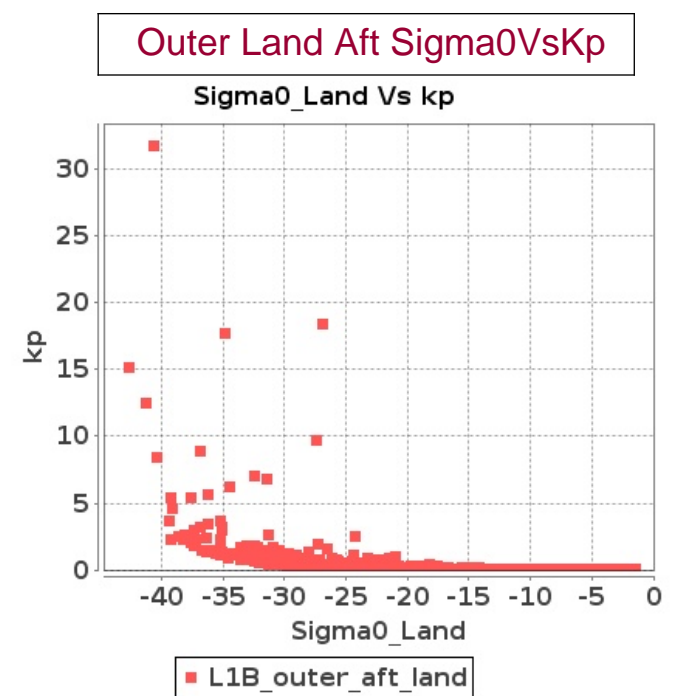
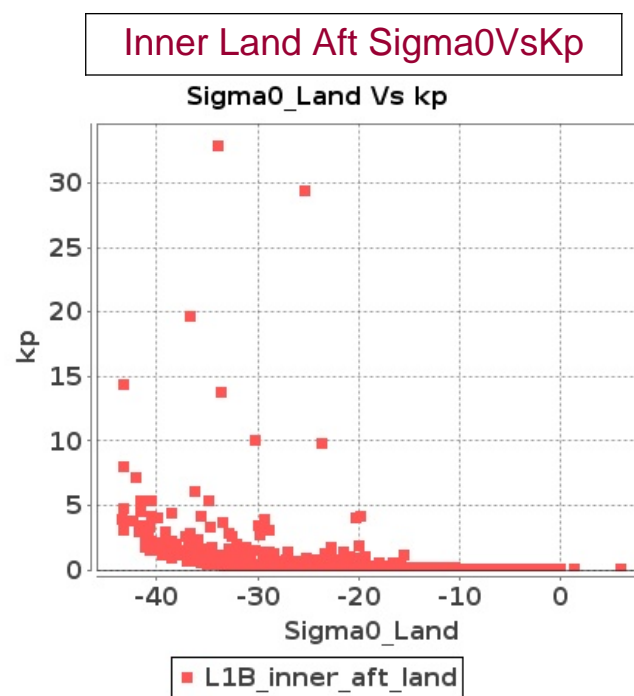
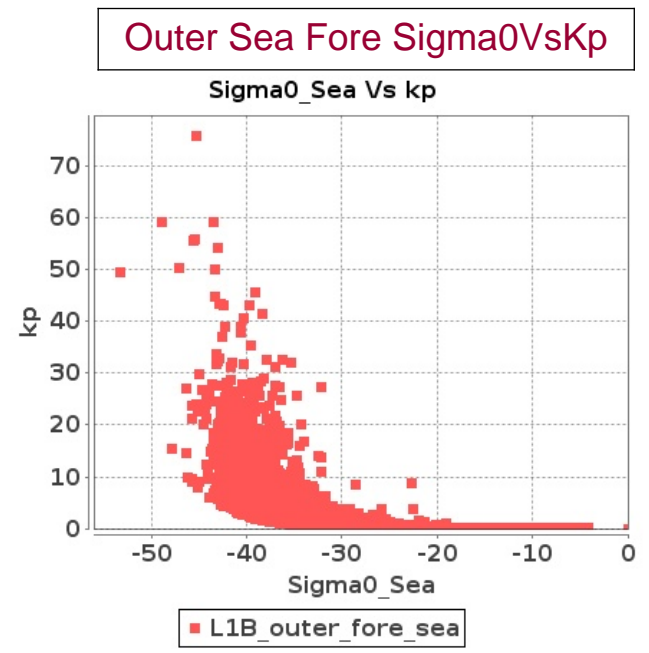
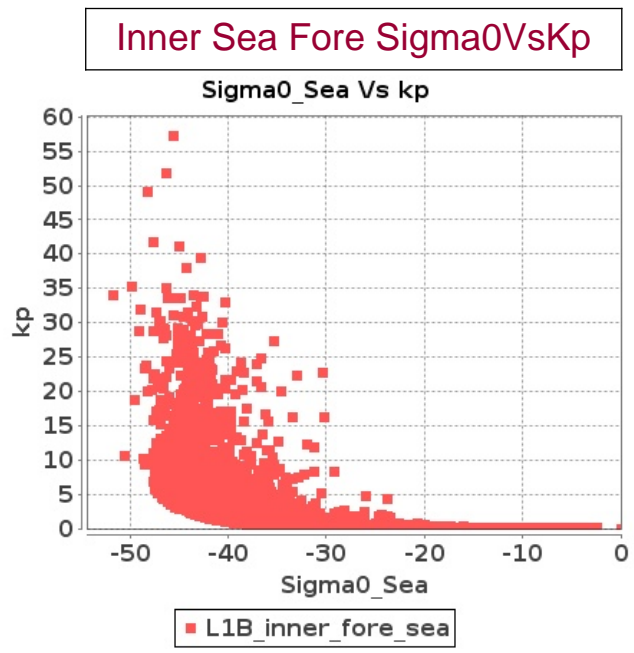
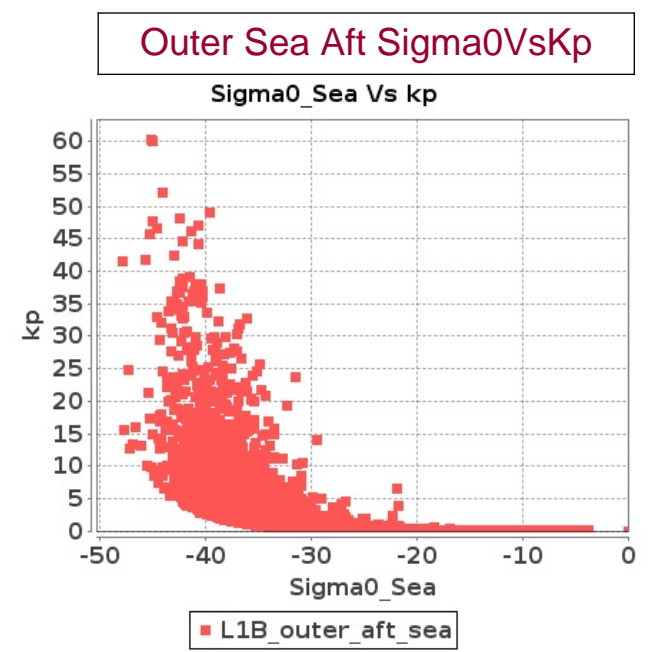
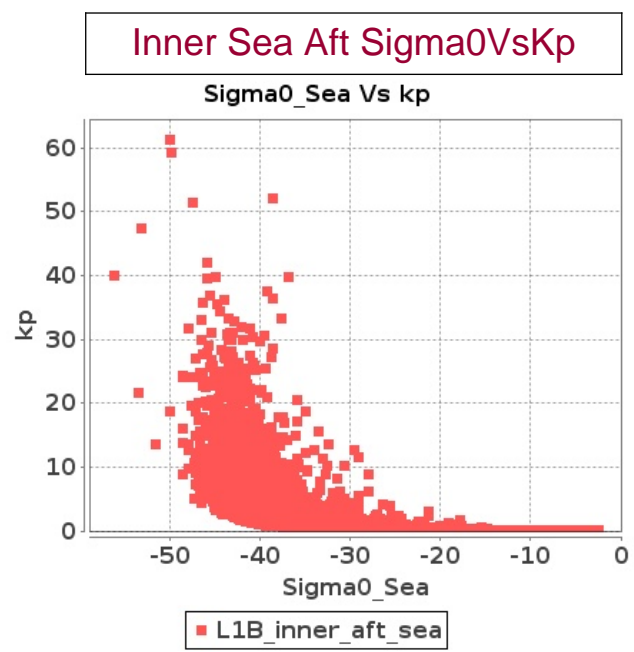


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 28-JUN-2019 To 29-JUN-2019





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

Report between 28-JUN-2019 To 29-JUN-2019

|       |             |           |      |      | Inner           |        |           |               |         |           |          |          |           |          |         |           |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
|       |             |           |      |      | Incidence Angle |        |           | Azimuth Angle |         |           | Range    |          |           | X-Factor |         |           |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min             | Max    | BadOcc(%) | Min           | Max     | BadOcc(%) | Min      | Max      | BadOcc(%) | Min      | Max     | BadOcc(%) |
| 1     | 14569       | 14570     | SN   | 1    | 48.795          | 49.379 | 0.0       | 0.0           | 271.652 | 2.755     | 1035.232 | 1075.888 | 0.0       | -91.948  | -90.048 | 0.0       |
| 2     | 14569       | 14570     | SN   | 1    | 48.791          | 49.379 | 0.0       | 0.003         | 6.326   | 2.025     | 1035.232 | 1075.888 | 0.0       | -91.948  | -90.048 | 0.0       |
| 3     | 14569       | 14570     | SN   | 1    | 48.795          | 49.379 | 0.0       | 0.0           | 271.652 | 2.753     | 1035.232 | 1075.888 | 0.0       | -91.776  | -90.048 | 0.0       |
| 4     | 14570       | 14571     | SN   | 1    | 48.78           | 49.372 | 0.0       | 0.003         | 215.013 | 2.447     | 1034.888 | 1075.824 | 0.0       | -91.702  | -90.043 | 0.0       |
| 5     | 14570       | 14571     | NS   | 1    | 48.774          | 49.339 | 0.0       | 0.003         | 267.202 | 2.596     | 1039.736 | 1075.76  | 0.0       | -91.735  | -90.091 | 0.0       |
| 6     | 14570       | 14571     | SN   | 1    | 48.78           | 49.372 | 0.0       | 0.003         | 215.013 | 2.609     | 1034.888 | 1075.824 | 0.0       | -91.702  | -90.043 | 0.0       |
| 7     | 14571       | 14572     | SN   | 1    | 48.774          | 49.425 | 0.0       | 0.003         | 30.636  | 2.374     | 1034.28  | 1076.008 | 0.0       | -92.498  | -90.068 | 0.0       |
| 8     | 14571       | 14572     | SN   | 1    | 48.774          | 49.425 | 0.0       | 0.003         | 30.636  | 2.372     | 1034.128 | 1076.008 | 0.0       | -92.498  | -90.068 | 0.0       |
| 9     | 14571       | 14572     | NS   | 1    | 48.774          | 49.338 | 0.0       | 0.003         | 267.306 | 2.493     | 1039.904 | 1075.944 | 0.0       | -91.801  | -90.059 | 0.0       |
| 10    | 14571       | 14572     | NS   | 2    | 48.774          | 49.338 | 0.0       | 0.003         | 267.306 | 2.492     | 1039.904 | 1075.944 | 0.0       | -91.801  | -90.059 | 0.0       |
| 11    | 14571       | 14572     | SN   | 1    | 48.774          | 49.425 | 0.0       | 0.003         | 30.636  | 2.518     | 1034.128 | 1076.008 | 0.0       | -92.498  | -90.068 | 0.0       |
| 12    | 14572       | 14573     | NS   | 1    | 48.712          | 49.338 | 0.0       | 0.0           | 35.219  | 2.684     | 1040.016 | 1075.888 | 0.0       | -91.849  | -90.109 | 0.0       |
| 13    | 14572       | 14573     | SN   | 1    | 48.79           | 49.376 | 0.0       | 0.0           | 199.643 | 2.592     | 1033.984 | 1075.912 | 0.0       | -91.748  | -90.065 | 0.0       |
| 14    | 14572       | 14573     | SN   | 1    | 48.782          | 49.376 | 0.0       | 0.0           | 199.643 | 2.594     | 1033.984 | 1075.912 | 0.0       | -91.748  | -90.065 | 0.0       |
| 15    | 14572       | 14573     | SN   | 1    | 48.782          | 49.376 | 0.0       | 0.0           | 199.643 | 2.379     | 1033.984 | 1075.912 | 0.0       | -91.692  | -90.065 | 0.0       |
| 16    | 14573       | 14574     | NS   | 2    | 48.759          | 49.339 | 0.0       | 0.003         | 41.674  | 2.6       | 1039.856 | 1075.752 | 0.0       | -91.738  | -90.08  | 0.0       |
| 17    | 14573       | 14574     | NS   | 1    | 48.759          | 49.339 | 0.0       | 0.003         | 41.674  | 2.601     | 1039.856 | 1075.752 | 0.0       | -91.769  | -90.08  | 0.0       |
| 18    | 14573       | 14574     | SN   | 1    | 48.786          | 49.371 | 0.0       | 0.003         | 6.32    | 2.527     | 1033.832 | 1075.792 | 0.0       | -91.724  | -90.065 | 0.0       |
| 19    | 14573       | 14574     | SN   | 1    | 48.786          | 49.371 | 0.0       | 0.003         | 6.32    | 2.179     | 1033.832 | 1075.792 | 0.0       | -91.727  | -90.065 | 0.0       |
| 20    | 14573       | 14574     | SN   | 1    | 48.786          | 49.371 | 0.0       | 0.003         | 6.32    | 2.525     | 1033.832 | 1075.792 | 0.0       | -91.681  | -90.065 | 0.0       |
| 21    | 14574       | 14575     | SN   | 1    | 48.776          | 49.37  | 0.0       | 0.003         | 30.459  | 2.57      | 1033.752 | 1075.696 | 0.0       | -92.123  | -90.067 | 0.0       |
| 22    | 14574       | 14575     | NS   | 1    | 48.734          | 49.358 | 0.0       | 0.003         | 266.81  | 2.679     | 1040.016 | 1075.656 | 0.0       | -91.809  | -90.095 | 0.0       |
| 23    | 14574       | 14575     | SN   | 1    | 48.776          | 49.37  | 0.0       | 0.003         | 30.459  | 1.986     | 1033.752 | 1075.696 | 0.0       | -91.714  | -90.067 | 0.0       |
| 24    | 14574       | 14575     | SN   | 2    | 48.776          | 49.37  | 0.0       | 0.003         | 30.459  | 2.57      | 1033.752 | 1075.696 | 0.0       | -92.123  | -90.067 | 0.0       |
| 25    | 14574       | 14575     | NS   | 1    | 48.775          | 49.381 | 0.0       | 0.003         | 266.81  | 2.681     | 1040.024 | 1075.656 | 0.0       | -91.808  | -90.095 | 0.0       |
| 26    | 14575       | 14576     | SN   | 1    | 48.767          | 49.37  | 0.0       | 0.003         | 6.304   | 2.256     | 1034.336 | 1075.624 | 0.0       | -91.626  | -90.068 | 0.0       |
| 27    | 14575       | 14576     | SN   | 1    | 48.767          | 49.37  | 0.0       | 0.003         | 6.304   | 2.63      | 1034.336 | 1075.624 | 0.0       | -91.657  | -90.068 | 0.0       |
| 28    | 14575       | 14576     | SN   | 2    | 48.767          | 49.37  | 0.0       | 0.003         | 6.304   | 2.63      | 1034.336 | 1075.624 | 0.0       | -91.657  | -90.068 | 0.0       |
| 29    | 14575       | 14576     | NS   | 1    | 48.74           | 49.404 | 0.0       | 0.003         | 267.268 | 2.558     | 1039.888 | 1075.568 | 0.0       | -91.844  | -90.108 | 0.0       |
| 30    | 14575       | 14576     | NS   | 1    | 48.741          | 49.362 | 0.0       | 0.003         | 266.617 | 2.557     | 1039.896 | 1075.568 | 0.0       | -91.843  | -90.108 | 0.0       |
| 31    | 14576       | 14577     | SN   | 1    | 48.774          | 49.372 | 0.0       | 0.003         | 32.13   | 2.682     | 1034.72  | 1075.744 | 0.0       | -91.587  | -90.06  | 0.0       |
| 32    | 14576       | 14577     | NS   | 1    | 48.71           | 49.393 | 0.0       | 0.003         | 269.502 | 2.555     | 1038.992 | 1075.672 | 0.0       | -91.893  | -90.105 | 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 | 14576 | 14577 | NS | 1 | 48.71  | 49.393 | 0.0 | 0.003 | 269.502 | 2.557 | 1038.992 | 1075.672 | 0.0 | -91.882 | -90.105 | 0.0 |
| 34 | 14576 | 14577 | SN | 1 | 48.774 | 49.372 | 0.0 | 0.003 | 29.486  | 1.768 | 1034.72  | 1075.744 | 0.0 | -91.587 | -90.06  | 0.0 |
| 35 | 14576 | 14577 | SN | 2 | 48.774 | 49.372 | 0.0 | 0.003 | 32.13   | 2.682 | 1034.72  | 1075.744 | 0.0 | -91.587 | -90.06  | 0.0 |
| 36 | 14577 | 14578 | NS | 1 | 48.719 | 49.369 | 0.0 | 0.0   | 43.425  | 2.784 | 1039.72  | 1075.672 | 0.0 | -91.82  | -90.08  | 0.0 |
| 37 | 14577 | 14578 | SN | 2 | 48.773 | 49.415 | 0.0 | 0.003 | 215.14  | 2.576 | 1034.88  | 1075.768 | 0.0 | -91.769 | -90.028 | 0.0 |
| 38 | 14577 | 14578 | NS | 1 | 48.719 | 49.369 | 0.0 | 0.0   | 43.425  | 2.786 | 1039.72  | 1075.728 | 0.0 | -91.82  | -90.08  | 0.0 |
| 39 | 14577 | 14578 | SN | 1 | 48.773 | 49.415 | 0.0 | 0.003 | 215.14  | 2.575 | 1035.312 | 1075.768 | 0.0 | -91.769 | -90.028 | 0.0 |
| 40 | 14578 | 14579 | NS | 1 | 48.751 | 49.389 | 0.0 | 0.003 | 210.838 | 2.644 | 1038.656 | 1075.624 | 0.0 | -91.857 | -90.082 | 0.0 |
| 41 | 14578 | 14579 | SN | 1 | 48.81  | 49.373 | 0.0 | 0.003 | 215.614 | 2.562 | 1035.328 | 1075.712 | 0.0 | -91.72  | -90.073 | 0.0 |
| 42 | 14578 | 14579 | NS | 1 | 48.729 | 49.36  | 0.0 | 0.003 | 210.838 | 2.647 | 1039.424 | 1075.616 | 0.0 | -91.77  | -90.082 | 0.0 |
| 43 | 14579 | 14580 | NS | 1 | 48.742 | 49.338 | 0.0 | 0.003 | 41.961  | 2.678 | 1039.016 | 1075.536 | 0.0 | -91.765 | -90.105 | 0.0 |
| 44 | 14579 | 14580 | NS | 1 | 48.737 | 49.338 | 0.0 | 0.003 | 41.961  | 2.677 | 1038.648 | 1075.536 | 0.0 | -91.835 | -90.105 | 0.0 |
| 45 | 14579 | 14580 | SN | 1 | 48.772 | 49.373 | 0.0 | 0.003 | 6.326   | 2.633 | 1035.328 | 1075.664 | 0.0 | -91.758 | -90.049 | 0.0 |
| 46 | 14579 | 14580 | SN | 2 | 48.772 | 49.373 | 0.0 | 0.003 | 6.326   | 2.633 | 1035.328 | 1075.664 | 0.0 | -91.758 | -90.049 | 0.0 |
| 47 | 14580 | 14581 | NS | 1 | 48.713 | 49.38  | 0.0 | 0.003 | 210.634 | 2.579 | 1038.936 | 1075.656 | 0.0 | -91.653 | -90.105 | 0.0 |
| 48 | 14580 | 14581 | NS | 1 | 48.713 | 49.39  | 0.0 | 0.003 | 210.634 | 2.393 | 1039.544 | 1074.936 | 0.0 | -91.682 | -90.105 | 0.0 |
| 49 | 14580 | 14581 | SN | 2 | 48.806 | 49.373 | 0.0 | 0.003 | 30.909  | 2.61  | 1035.264 | 1075.736 | 0.0 | -91.748 | -90.055 | 0.0 |
| 50 | 14580 | 14581 | SN | 1 | 48.806 | 49.373 | 0.0 | 0.003 | 30.909  | 2.61  | 1035.264 | 1075.736 | 0.0 | -91.748 | -90.055 | 0.0 |
| 51 | 14580 | 14581 | NS | 1 | 48.713 | 49.39  | 0.0 | 0.003 | 210.634 | 2.581 | 1039.544 | 1075.656 | 0.0 | -91.682 | -90.105 | 0.0 |
| 52 | 14581 | 14582 | SN | 1 | 48.749 | 49.373 | 0.0 | 0.003 | 6.315   | 2.588 | 1035.272 | 1075.744 | 0.0 | -91.662 | -90.067 | 0.0 |
| 53 | 14581 | 14582 | NS | 1 | 48.714 | 49.359 | 0.0 | 0.0   | 264.229 | 2.732 | 1038.368 | 1075.64  | 0.0 | -91.768 | -90.103 | 0.0 |
| 54 | 14581 | 14582 | NS | 1 | 48.719 | 49.359 | 0.0 | 0.0   | 264.229 | 2.718 | 1038.368 | 1075.64  | 0.0 | -92.285 | -90.103 | 0.0 |
| 55 | 14581 | 14582 | NS | 1 | 48.719 | 49.359 | 0.0 | 0.0   | 264.229 | 2.592 | 1038.368 | 1075.208 | 0.0 | -92.285 | -90.103 | 0.0 |
| 56 | 14582 | 14583 | SN | 1 | 48.794 | 49.374 | 0.0 | 0.003 | 206.984 | 2.567 | 1034.4   | 1075.768 | 0.0 | -92.104 | -90.072 | 0.0 |
| 57 | 14582 | 14583 | NS | 1 | 48.706 | 49.359 | 0.0 | 0.003 | 210.243 | 1.487 | 1038.272 | 1073.88  | 0.0 | -91.695 | -90.101 | 0.0 |
| 58 | 14582 | 14583 | NS | 1 | 48.706 | 49.359 | 0.0 | 0.003 | 210.243 | 2.571 | 1038.272 | 1075.68  | 0.0 | -91.695 | -90.101 | 0.0 |
| 59 | 14582 | 14583 | NS | 1 | 48.707 | 49.373 | 0.0 | 0.003 | 264.913 | 2.584 | 1038.272 | 1075.672 | 0.0 | -91.722 | -90.101 | 0.0 |
| 60 | 14582 | 14583 | SN | 1 | 48.794 | 49.374 | 0.0 | 0.003 | 6.315   | 2.569 | 1034.312 | 1075.776 | 0.0 | -92.43  | -90.072 | 0.0 |
| 61 | 14583 | 14584 | NS | 1 | 48.725 | 49.362 | 0.0 | 0.003 | 20.588  | 1.623 | 1038.336 | 1072.136 | 0.0 | -91.706 | -90.086 | 0.0 |
| 62 | 14583 | 14584 | NS | 2 | 48.725 | 49.362 | 0.0 | 0.003 | 210.723 | 2.626 | 1038.344 | 1075.696 | 0.0 | -91.872 | -90.086 | 0.0 |
| 63 | 14583 | 14584 | NS | 1 | 48.725 | 49.362 | 0.0 | 0.003 | 210.723 | 2.627 | 1038.336 | 1075.696 | 0.0 | -91.79  | -90.086 | 0.0 |
| 64 | 14583 | 14584 | SN | 1 | 48.812 | 49.376 | 0.0 | 0.003 | 6.32    | 1.708 | 1035.544 | 1075.808 | 0.0 | -91.642 | -90.075 | 0.0 |
| 65 | 14583 | 14584 | SN | 1 | 48.806 | 49.536 | 0.0 | 0.003 | 6.32    | 2.73  | 1035.544 | 1075.808 | 0.0 | -94.468 | -90.075 | 0.0 |
| 66 | 14583 | 14584 | SN | 1 | 48.795 | 49.536 | 0.0 | 0.003 | 6.32    | 2.733 | 1035.544 | 1075.808 | 0.0 | -94.468 | -90.075 | 0.0 |
| 67 | 14584 | 14585 | NS | 1 | 48.773 | 49.356 | 0.0 | 0.003 | 264.659 | 2.671 | 1038.688 | 1075.52  | 0.0 | -91.638 | -90.085 | 0.0 |
| 68 | 14584 | 14585 | SN | 1 | 48.755 | 49.395 | 0.0 | 0.003 | 29.105  | 2.742 | 1034.688 | 1075.624 | 0.0 | -91.796 | -90.023 | 0.0 |
| 69 | 14584 | 14585 | SN | 1 | 48.755 | 49.395 | 0.0 | 0.003 | 29.105  | 2.468 | 1034.688 | 1075.624 | 0.0 | -91.796 | -90.023 | 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  | 14584 | 14585 | SN | 1 | 48.755 | 49.395 | 0.0 | 0.003 | 29.105  | 2.739 | 1034.688 | 1075.624 | 0.0 | -91.796 | -90.023 | 0.0 |
| 71  | 14585 | 14586 | SN | 1 | 48.809 | 49.398 | 0.0 | 0.003 | 280.173 | 2.409 | 1035.088 | 1075.792 | 0.0 | -91.722 | -90.056 | 0.0 |
| 72  | 14585 | 14586 | SN | 1 | 48.802 | 49.398 | 0.0 | 0.003 | 280.173 | 2.407 | 1034.688 | 1075.792 | 0.0 | -91.676 | -90.056 | 0.0 |
| 73  | 14585 | 14586 | NS | 1 | 48.773 | 49.338 | 0.0 | 0.0   | 50.291  | 2.645 | 1038.96  | 1075.712 | 0.0 | -91.661 | -90.076 | 0.0 |
| 74  | 14585 | 14586 | NS | 2 | 48.773 | 49.338 | 0.0 | 0.0   | 50.291  | 2.644 | 1038.96  | 1075.712 | 0.0 | -91.661 | -90.076 | 0.0 |
| 75  | 14585 | 14586 | SN | 1 | 48.802 | 49.398 | 0.0 | 0.003 | 280.173 | 2.552 | 1034.688 | 1075.792 | 0.0 | -91.676 | -90.056 | 0.0 |
| 76  | 14586 | 14587 | NS | 1 | 48.774 | 49.338 | 0.0 | 0.003 | 41.613  | 2.523 | 1038.776 | 1075.784 | 0.0 | -91.86  | -90.083 | 0.0 |
| 77  | 14586 | 14587 | NS | 1 | 48.774 | 49.338 | 0.0 | 0.003 | 41.613  | 2.52  | 1038.776 | 1075.784 | 0.0 | -91.754 | -90.083 | 0.0 |
| 78  | 14586 | 14587 | SN | 1 | 48.798 | 49.372 | 0.0 | 0.003 | 6.32    | 2.525 | 1035.04  | 1075.848 | 0.0 | -91.761 | -90.07  | 0.0 |
| 79  | 14586 | 14587 | SN | 2 | 48.798 | 49.372 | 0.0 | 0.003 | 6.32    | 2.525 | 1035.04  | 1075.848 | 0.0 | -91.761 | -90.07  | 0.0 |
| 80  | 14586 | 14587 | SN | 1 | 48.798 | 49.372 | 0.0 | 0.003 | 6.32    | 2.341 | 1035.04  | 1075.848 | 0.0 | -91.761 | -90.07  | 0.0 |
| 81  | 14587 | 14588 | SN | 1 | 48.773 | 49.372 | 0.0 | 0.003 | 279.158 | 2.572 | 1034.152 | 1075.752 | 0.0 | -91.714 | -90.052 | 0.0 |
| 82  | 14587 | 14588 | NS | 1 | 48.753 | 49.38  | 0.0 | 0.0   | 52.624  | 2.752 | 1039.112 | 1075.68  | 0.0 | -91.799 | -90.085 | 0.0 |
| 83  | 14587 | 14588 | NS | 1 | 48.753 | 49.38  | 0.0 | 0.0   | 52.624  | 2.755 | 1039.112 | 1075.68  | 0.0 | -91.999 | -90.085 | 0.0 |
| 84  | 14587 | 14588 | SN | 2 | 48.773 | 49.372 | 0.0 | 0.003 | 279.158 | 2.572 | 1034.152 | 1075.752 | 0.0 | -91.714 | -90.052 | 0.0 |
| 85  | 14587 | 14588 | SN | 1 | 48.773 | 49.372 | 0.0 | 0.003 | 279.158 | 2.275 | 1034.152 | 1075.752 | 0.0 | -91.633 | -90.052 | 0.0 |
| 86  | 14588 | 14589 | SN | 2 | 48.771 | 49.371 | 0.0 | 0.003 | 215.99  | 2.552 | 1034.056 | 1075.656 | 0.0 | -91.792 | -90.07  | 0.0 |
| 87  | 14588 | 14589 | SN | 1 | 48.771 | 49.371 | 0.0 | 0.003 | 215.99  | 2.088 | 1034.056 | 1075.656 | 0.0 | -91.723 | -90.07  | 0.0 |
| 88  | 14588 | 14589 | NS | 1 | 48.721 | 49.369 | 0.0 | 0.003 | 266.97  | 2.631 | 1039.76  | 1075.6   | 0.0 | -91.812 | -90.097 | 0.0 |
| 89  | 14588 | 14589 | NS | 1 | 48.721 | 49.369 | 0.0 | 0.003 | 266.97  | 2.629 | 1039.76  | 1075.6   | 0.0 | -91.808 | -90.097 | 0.0 |
| 90  | 14588 | 14589 | SN | 1 | 48.771 | 49.371 | 0.0 | 0.003 | 215.99  | 2.552 | 1034.056 | 1075.656 | 0.0 | -91.792 | -90.07  | 0.0 |
| 91  | 14589 | 14590 | NS | 1 | 48.724 | 49.362 | 0.0 | 0.0   | 35.743  | 2.659 | 1038.776 | 1075.448 | 0.0 | -91.749 | -90.101 | 0.0 |
| 92  | 14589 | 14590 | SN | 1 | 48.749 | 49.369 | 0.0 | 0.003 | 213.491 | 2.593 | 1034.104 | 1075.496 | 0.0 | -92.572 | -90.07  | 0.0 |
| 93  | 14589 | 14590 | SN | 1 | 48.749 | 49.371 | 0.0 | 0.003 | 6.304   | 1.87  | 1034.096 | 1075.528 | 0.0 | -92.15  | -90.07  | 0.0 |
| 94  | 14589 | 14590 | NS | 1 | 48.724 | 49.362 | 0.0 | 0.0   | 35.743  | 2.657 | 1038.776 | 1075.448 | 0.0 | -91.749 | -90.101 | 0.0 |
| 95  | 14590 | 14591 | SN | 1 | 48.773 | 49.37  | 0.0 | 0.003 | 275.761 | 2.67  | 1034.696 | 1075.504 | 0.0 | -91.595 | -90.046 | 0.0 |
| 96  | 14590 | 14591 | NS | 1 | 48.716 | 49.402 | 0.0 | 0.003 | 12.254  | 2.545 | 1038.472 | 1075.432 | 0.0 | -91.742 | -90.103 | 0.0 |
| 97  | 14591 | 14592 | SN | 2 | 48.817 | 49.373 | 0.0 | 0.003 | 6.32    | 2.607 | 1035.648 | 1075.68  | 0.0 | -92.36  | -90.059 | 0.0 |
| 98  | 14591 | 14592 | NS | 1 | 48.718 | 49.402 | 0.0 | 0.003 | 267.207 | 2.652 | 1039.392 | 1075.552 | 0.0 | -91.878 | -90.101 | 0.0 |
| 99  | 14591 | 14592 | SN | 1 | 48.817 | 49.373 | 0.0 | 0.003 | 6.32    | 2.607 | 1035.648 | 1075.68  | 0.0 | -92.36  | -90.059 | 0.0 |
| 100 | 14591 | 14592 | SN | 1 | 48.817 | 49.373 | 0.0 | 0.003 | 6.32    | 1.541 | 1035.648 | 1075.68  | 0.0 | -92.36  | -90.059 | 0.0 |
| 101 | 14591 | 14592 | NS | 1 | 48.714 | 49.404 | 0.0 | 0.003 | 41.977  | 2.654 | 1039.368 | 1075.584 | 0.0 | -91.803 | -90.1   | 0.0 |
| 102 | 14592 | 14593 | NS | 1 | 48.71  | 49.342 | 0.0 | 0.003 | 12.525  | 2.66  | 1038.656 | 1075.576 | 0.0 | -91.761 | -90.084 | 0.0 |
| 103 | 14592 | 14593 | NS | 1 | 48.709 | 49.338 | 0.0 | 0.003 | 12.525  | 2.661 | 1038.776 | 1075.576 | 0.0 | -91.778 | -90.084 | 0.0 |
| 104 | 14592 | 14593 | SN | 1 | 48.757 | 49.372 | 0.0 | 0.003 | 6.326   | 2.547 | 1034.888 | 1075.656 | 0.0 | -91.762 | -90.048 | 0.0 |
| 105 | 14592 | 14593 | SN | 2 | 48.757 | 49.372 | 0.0 | 0.003 | 6.326   | 2.547 | 1034.888 | 1075.656 | 0.0 | -91.762 | -90.048 | 0.0 |
| 106 | 14593 | 14594 | SN | 1 | 48.813 | 49.408 | 0.0 | 0.003 | 6.326   | 2.575 | 1035.56  | 1075.512 | 0.0 | -91.78  | -90.074 | 0.0 |

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

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

|     |       |       |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 14593 | 14594 | NS | 1 | 48.725 | 49.34  | 0.0 | 0.003 | 207.033 | 2.704 | 1039.032 | 1075.392 | 0.0 | -91.694 | -90.082 | 0.0 |
| 108 | 14593 | 14594 | NS | 1 | 48.726 | 49.338 | 0.0 | 0.003 | 207.033 | 2.705 | 1039.544 | 1075.392 | 0.0 | -91.757 | -90.082 | 0.0 |
| 109 | 14594 | 14595 | SN | 1 | 48.754 | 49.4   | 0.0 | 0.003 | 6.32    | 2.654 | 1035.56  | 1075.608 | 0.0 | -94.273 | -90.038 | 0.0 |
| 110 | 14594 | 14595 | NS | 1 | 48.774 | 49.383 | 0.0 | 0.003 | 42.959  | 2.574 | 1038.928 | 1075.472 | 0.0 | -91.655 | -90.102 | 0.0 |
| 111 | 14594 | 14595 | NS | 1 | 48.774 | 49.383 | 0.0 | 0.003 | 42.959  | 2.524 | 1038.928 | 1075.288 | 0.0 | -91.655 | -90.102 | 0.0 |
| 112 | 14595 | 14596 | SN | 1 | 48.813 | 49.384 | 0.0 | 0.003 | 214.236 | 2.576 | 1035.552 | 1075.664 | 0.0 | -91.76  | -90.049 | 0.0 |
| 113 | 14595 | 14596 | SN | 1 | 48.8   | 49.384 | 0.0 | 0.003 | 214.236 | 2.579 | 1035.552 | 1075.664 | 0.0 | -91.76  | -90.049 | 0.0 |
| 114 | 14595 | 14596 | NS | 1 | 48.711 | 49.39  | 0.0 | 0.0   | 266.75  | 2.649 | 1038.192 | 1075.568 | 0.0 | -91.927 | -90.1   | 0.0 |
| 115 | 14596 | 14597 | NS | 2 | 48.72  | 49.368 | 0.0 | 0.003 | 209.956 | 2.592 | 1038.152 | 1075.544 | 0.0 | -91.777 | -90.099 | 0.0 |
| 116 | 14596 | 14597 | NS | 1 | 48.72  | 49.368 | 0.0 | 0.003 | 209.956 | 2.592 | 1038.152 | 1075.544 | 0.0 | -91.777 | -90.099 | 0.0 |
| 117 | 14596 | 14597 | SN | 1 | 48.792 | 49.374 | 0.0 | 0.003 | 215.973 | 2.586 | 1034.736 | 1075.648 | 0.0 | -91.633 | -90.074 | 0.0 |
| 118 | 14596 | 14597 | SN | 1 | 48.792 | 49.374 | 0.0 | 0.003 | 215.973 | 2.583 | 1034.6   | 1075.648 | 0.0 | -91.633 | -90.074 | 0.0 |
| 119 | 14597 | 14598 | SN | 1 | 48.805 | 49.375 | 0.0 | 0.003 | 6.309   | 2.67  | 1035.68  | 1075.736 | 0.0 | -91.736 | -90.076 | 0.0 |
| 120 | 14597 | 14598 | NS | 2 | 48.716 | 49.379 | 0.0 | 0.003 | 264.781 | 2.647 | 1037.088 | 1075.608 | 0.0 | -91.743 | -90.098 | 0.0 |
| 121 | 14597 | 14598 | NS | 1 | 48.716 | 49.379 | 0.0 | 0.003 | 264.781 | 2.647 | 1037.088 | 1075.608 | 0.0 | -91.743 | -90.098 | 0.0 |
| 122 | 14597 | 14598 | SN | 1 | 48.77  | 49.375 | 0.0 | 0.003 | 6.309   | 1.541 | 1035.68  | 1075.736 | 0.0 | -92.211 | -90.076 | 0.0 |
| 123 | 14598 | 14599 | NS | 1 | 48.711 | 49.404 | 0.0 | 0.003 | 206.978 | 2.657 | 1038.008 | 1075.528 | 0.0 | -91.742 | -90.097 | 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









|     |       |       |    |   |         |        |       |         |        |       |        |        |        |        |        |        |       |         |       |       |         |       |       |       |     |       |       |     |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 14595 | 14596 | SN | 1 | -34.937 | 24.013 | 0.003 | -33.921 | 24.895 | 0.003 | -3.513 | 28.748 | 14.211 | -3.301 | 28.87  | 15.263 | 0.116 | 302.082 | 4.038 | 0.116 | 239.093 | 3.407 | 0.116 | 0.315 | 0.0 | 0.116 | 0.305 | 0.0 |
| 113 | 14595 | 14596 | SN | 1 | -34.488 | 24.013 | 0.003 | -34.601 | 24.895 | 0.003 | -3.516 | 28.751 | 14.228 | -3.31  | 28.87  | 15.213 | 0.116 | 272.436 | 4.042 | 0.116 | 279.685 | 3.412 | 0.116 | 0.316 | 0.0 | 0.116 | 0.306 | 0.0 |
| 114 | 14595 | 14596 | NS | 1 | -34.442 | 23.832 | 0.013 | -34.993 | 25.284 | 0.014 | -2.626 | 27.678 | 20.148 | -1.095 | 29.068 | 37.118 | 0.116 | 269.609 | 5.132 | 0.116 | 306.057 | 4.705 | 0.116 | 0.276 | 0.0 | 0.116 | 0.226 | 0.0 |
| 115 | 14596 | 14597 | NS | 2 | -34.882 | 25.766 | 0.011 | -34.988 | 24.172 | 0.004 | 5.299  | 28.53  | 22.891 | 0.621  | 28.98  | 35.96  | 0.116 | 298.303 | 7.916 | 0.116 | 305.708 | 7.131 | 0.116 | 0.139 | 0.0 | 0.116 | 0.188 | 0.0 |
| 116 | 14596 | 14597 | NS | 1 | -34.882 | 25.766 | 0.011 | -34.988 | 24.172 | 0.004 | 5.299  | 28.53  | 22.891 | 0.621  | 28.98  | 35.96  | 0.116 | 298.303 | 7.916 | 0.116 | 305.708 | 7.131 | 0.116 | 0.139 | 0.0 | 0.116 | 0.188 | 0.0 |
| 117 | 14596 | 14597 | SN | 1 | -34.993 | 19.465 | 0.0   | -34.812 | 19.376 | 0.0   | -7.365 | 28.44  | 28.637 | -6.195 | 28.846 | 34.716 | 0.117 | 305.985 | 5.261 | 0.117 | 293.474 | 4.131 | 0.116 | 0.622 | 0.0 | 0.116 | 0.498 | 0.0 |
| 118 | 14596 | 14597 | SN | 1 | -34.71  | 19.465 | 0.0   | -34.821 | 19.376 | 0.0   | -7.365 | 28.44  | 28.637 | -6.192 | 28.846 | 34.713 | 0.117 | 286.655 | 5.258 | 0.117 | 294.194 | 4.131 | 0.116 | 0.622 | 0.0 | 0.116 | 0.498 | 0.0 |
| 119 | 14597 | 14598 | SN | 1 | -34.558 | 19.752 | 0.0   | -34.269 | 19.776 | 0.0   | 3.721  | 28.57  | 23.038 | 5.224  | 29.342 | 24.365 | 0.116 | 276.886 | 5.617 | 0.116 | 259.061 | 4.421 | 0.116 | 0.15  | 0.0 | 0.116 | 0.139 | 0.0 |
| 120 | 14597 | 14598 | NS | 2 | -34.925 | 25.272 | 0.028 | -35.001 | 25.138 | 0.03  | 6.801  | 33.668 | 17.871 | 7.333  | 29.4   | 28.193 | 0.116 | 301.302 | 6.118 | 0.116 | 306.5   | 5.479 | 0.116 | 0.132 | 0.0 | 0.116 | 0.13  | 0.0 |
| 121 | 14597 | 14598 | NS | 1 | -34.925 | 25.272 | 0.028 | -35.001 | 25.138 | 0.03  | 6.801  | 33.668 | 17.871 | 7.333  | 29.4   | 28.193 | 0.116 | 301.302 | 6.118 | 0.116 | 306.5   | 5.479 | 0.116 | 0.132 | 0.0 | 0.116 | 0.13  | 0.0 |
| 122 | 14597 | 14598 | SN | 1 | -34.994 | 19.752 | 0.0   | -34.516 | 19.776 | 0.0   | 3.749  | 28.57  | 24.003 | 6.246  | 29.342 | 24.28  | 0.116 | 306.063 | 5.738 | 0.116 | 274.265 | 4.719 | 0.116 | 0.149 | 0.0 | 0.116 | 0.134 | 0.0 |
| 123 | 14598 | 14599 | NS | 1 | -34.318 | 25.045 | 0.032 | -34.496 | 25.75  | 0.045 | -1.066 | 29.208 | 11.587 | 1.445  | 29.311 | 20.419 | 0.116 | 261.965 | 3.935 | 0.116 | 272.956 | 3.12  | 0.116 | 0.225 | 0.0 | 0.116 | 0.175 | 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     | 14569       | 14570     | SN   | 1    | 57.588          | 58.207 | 0.0       | 0.0           | 297.38  | 4.037     | 1212.936 | 1263.848 | 0.0       | -93.014  | -92.086 | 0.0       |
| 2     | 14569       | 14570     | SN   | 1    | 57.588          | 58.207 | 0.0       | 0.0           | 296.288 | 3.258     | 1212.936 | 1263.848 | 0.0       | -93.114  | -92.086 | 0.0       |
| 3     | 14569       | 14570     | SN   | 1    | 57.594          | 58.207 | 0.0       | 0.0           | 297.38  | 4.032     | 1212.936 | 1263.848 | 0.0       | -93.014  | -92.086 | 0.0       |
| 4     | 14570       | 14571     | SN   | 1    | 57.567          | 58.242 | 0.0       | 0.0           | 296.839 | 3.441     | 1212.936 | 1263.76  | 0.0       | -93.166  | -92.08  | 0.0       |
| 5     | 14570       | 14571     | NS   | 1    | 57.56           | 58.151 | 0.0       | 0.0           | 295.863 | 3.659     | 1218.544 | 1263.536 | 0.0       | -93.062  | -92.128 | 0.0       |
| 6     | 14570       | 14571     | SN   | 1    | 57.567          | 58.242 | 0.0       | 0.0           | 296.839 | 3.84      | 1212.936 | 1263.76  | 0.0       | -93.166  | -92.08  | 0.0       |
| 7     | 14571       | 14572     | SN   | 1    | 57.579          | 58.206 | 0.0       | 0.003         | 298.246 | 3.29      | 1211.88  | 1263.984 | 0.0       | -93.132  | -92.107 | 0.0       |
| 8     | 14571       | 14572     | SN   | 1    | 57.578          | 58.206 | 0.0       | 0.003         | 298.246 | 3.286     | 1211.872 | 1263.984 | 0.0       | -93.132  | -92.107 | 0.0       |
| 9     | 14571       | 14572     | NS   | 1    | 57.559          | 58.151 | 0.0       | 0.0           | 295.665 | 3.568     | 1218.808 | 1263.776 | 0.0       | -93.162  | -92.098 | 0.0       |
| 10    | 14571       | 14572     | NS   | 2    | 57.559          | 58.151 | 0.0       | 0.0           | 295.665 | 3.566     | 1218.808 | 1263.776 | 0.0       | -93.162  | -92.098 | 0.0       |
| 11    | 14571       | 14572     | SN   | 1    | 57.578          | 58.206 | 0.0       | 0.0           | 298.246 | 3.662     | 1211.872 | 1263.984 | 0.0       | -93.132  | -92.107 | 0.0       |
| 12    | 14572       | 14573     | NS   | 1    | 57.561          | 58.151 | 0.0       | 0.0           | 296.486 | 3.739     | 1218.944 | 1263.712 | 0.0       | -93.54   | -92.146 | 0.0       |
| 13    | 14572       | 14573     | SN   | 1    | 57.578          | 58.206 | 0.0       | 0.0           | 298.058 | 3.736     | 1211.752 | 1263.88  | 0.0       | -93.306  | -92.105 | 0.0       |
| 14    | 14572       | 14573     | SN   | 1    | 57.578          | 58.206 | 0.0       | 0.0           | 298.058 | 3.741     | 1211.72  | 1263.88  | 0.0       | -93.306  | -92.105 | 0.0       |
| 15    | 14572       | 14573     | SN   | 1    | 57.578          | 58.206 | 0.0       | 0.0           | 298.058 | 3.332     | 1211.72  | 1263.88  | 0.0       | -93.306  | -92.105 | 0.0       |
| 16    | 14573       | 14574     | NS   | 2    | 57.562          | 58.152 | 0.0       | 0.0           | 299.729 | 3.699     | 1219.008 | 1263.536 | 0.0       | -93.105  | -92.118 | 0.0       |
| 17    | 14573       | 14574     | NS   | 1    | 57.562          | 58.152 | 0.0       | 0.0           | 299.729 | 3.7       | 1219.008 | 1263.536 | 0.0       | -93.105  | -92.118 | 0.0       |
| 18    | 14573       | 14574     | SN   | 1    | 57.575          | 58.204 | 0.0       | 0.003         | 290.326 | 3.697     | 1211.72  | 1263.704 | 0.0       | -93.037  | -92.105 | 0.0       |
| 19    | 14573       | 14574     | SN   | 1    | 57.575          | 58.204 | 0.0       | 0.003         | 287.469 | 3.241     | 1211.72  | 1263.704 | 0.0       | -93.038  | -92.105 | 0.0       |
| 20    | 14573       | 14574     | SN   | 1    | 57.565          | 58.204 | 0.0       | 0.0           | 290.42  | 3.695     | 1211.72  | 1263.704 | 0.0       | -93.111  | -92.105 | 0.0       |
| 21    | 14574       | 14575     | SN   | 1    | 57.573          | 58.203 | 0.0       | 0.0           | 299.696 | 3.704     | 1212.2   | 1263.6   | 0.0       | -93.113  | -92.107 | 0.0       |
| 22    | 14574       | 14575     | NS   | 1    | 57.528          | 58.153 | 0.0       | 0.0           | 299.509 | 3.729     | 1218.552 | 1263.416 | 0.0       | -93.246  | -92.129 | 0.0       |
| 23    | 14574       | 14575     | SN   | 1    | 57.573          | 58.203 | 0.0       | 0.0           | 299.696 | 3.087     | 1212.2   | 1263.6   | 0.0       | -93.113  | -92.107 | 0.0       |
| 24    | 14574       | 14575     | SN   | 2    | 57.573          | 58.203 | 0.0       | 0.0           | 299.696 | 3.704     | 1212.2   | 1263.6   | 0.0       | -93.113  | -92.107 | 0.0       |
| 25    | 14574       | 14575     | NS   | 1    | 57.528          | 58.152 | 0.0       | 0.0           | 299.503 | 3.743     | 1218.568 | 1263.408 | 0.0       | -93.246  | -92.129 | 0.0       |
| 26    | 14575       | 14576     | SN   | 1    | 57.592          | 58.203 | 0.0       | 0.003         | 298.908 | 3.35      | 1212.608 | 1263.52  | 0.0       | -92.988  | -92.098 | 0.0       |
| 27    | 14575       | 14576     | SN   | 1    | 57.592          | 58.203 | 0.0       | 0.0           | 298.908 | 3.828     | 1212.608 | 1263.52  | 0.0       | -93.059  | -92.098 | 0.0       |
| 28    | 14575       | 14576     | SN   | 2    | 57.592          | 58.203 | 0.0       | 0.0           | 298.908 | 3.828     | 1212.608 | 1263.52  | 0.0       | -93.059  | -92.098 | 0.0       |
| 29    | 14575       | 14576     | NS   | 1    | 57.532          | 58.179 | 0.0       | 0.0           | 299.961 | 3.686     | 1218.248 | 1263.32  | 0.0       | -93.136  | -92.144 | 0.0       |
| 30    | 14575       | 14576     | NS   | 1    | 57.533          | 58.178 | 0.0       | 0.0           | 299.966 | 3.703     | 1218.264 | 1263.312 | 0.0       | -93.181  | -92.144 | 0.0       |
| 31    | 14576       | 14577     | SN   | 1    | 57.598          | 58.205 | 0.0       | 0.0           | 299.365 | 3.892     | 1213.032 | 1263.688 | 0.0       | -93.087  | -92.097 | 0.0       |
| 32    | 14576       | 14577     | NS   | 1    | 57.523          | 58.184 | 0.0       | 0.0           | 295.968 | 3.634     | 1217.712 | 1263.376 | 0.0       | -93.506  | -92.142 | 0.0       |
| 33    | 14576       | 14577     | NS   | 1    | 57.523          | 58.184 | 0.0       | 0.0           | 295.968 | 3.646     | 1217.712 | 1263.376 | 0.0       | -93.506  | -92.142 | 0.0       |
| 34    | 14576       | 14577     | SN   | 1    | 57.598          | 58.205 | 0.0       | 0.0           | 299.365 | 2.938     | 1213.032 | 1263.688 | 0.0       | -93.064  | -92.097 | 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 |

|    |       |       |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 35 | 14576 | 14577 | SN | 2 | 57.598 | 58.205 | 0.0 | 0.0   | 299.365 | 3.892 | 1213.032 | 1263.688 | 0.0 | -93.087 | -92.097 | 0.0 |
| 36 | 14577 | 14578 | NS | 1 | 57.528 | 58.178 | 0.0 | 0.0   | 292.389 | 3.926 | 1218.624 | 1263.432 | 0.0 | -93.195 | -92.113 | 0.0 |
| 37 | 14577 | 14578 | SN | 2 | 57.574 | 58.227 | 0.0 | 0.0   | 298.858 | 3.763 | 1213.04  | 1263.72  | 0.0 | -93.172 | -92.072 | 0.0 |
| 38 | 14577 | 14578 | NS | 1 | 57.528 | 58.178 | 0.0 | 0.0   | 292.631 | 3.938 | 1218.624 | 1263.512 | 0.0 | -93.195 | -92.113 | 0.0 |
| 39 | 14577 | 14578 | SN | 1 | 57.574 | 58.227 | 0.0 | 0.0   | 298.841 | 3.763 | 1213.048 | 1263.72  | 0.0 | -93.172 | -92.072 | 0.0 |
| 40 | 14578 | 14579 | NS | 1 | 57.537 | 58.17  | 0.0 | 0.0   | 294.606 | 3.817 | 1218.08  | 1263.376 | 0.0 | -93.198 | -92.119 | 0.0 |
| 41 | 14578 | 14579 | SN | 1 | 57.574 | 58.222 | 0.0 | 0.0   | 297.998 | 3.737 | 1213.048 | 1263.688 | 0.0 | -93.161 | -92.113 | 0.0 |
| 42 | 14578 | 14579 | NS | 1 | 57.541 | 58.151 | 0.0 | 0.0   | 294.573 | 3.82  | 1218.432 | 1263.36  | 0.0 | -93.185 | -92.119 | 0.0 |
| 43 | 14579 | 14580 | NS | 1 | 57.537 | 58.152 | 0.0 | 0.0   | 295.825 | 3.773 | 1217.824 | 1263.264 | 0.0 | -93.191 | -92.142 | 0.0 |
| 44 | 14579 | 14580 | NS | 1 | 57.546 | 58.152 | 0.0 | 0.0   | 295.825 | 3.771 | 1217.936 | 1263.264 | 0.0 | -93.191 | -92.142 | 0.0 |
| 45 | 14579 | 14580 | SN | 1 | 57.387 | 58.206 | 0.0 | 0.0   | 297.909 | 3.866 | 1213.08  | 1263.624 | 0.0 | -94.91  | -92.08  | 0.0 |
| 46 | 14579 | 14580 | SN | 2 | 57.387 | 58.206 | 0.0 | 0.0   | 297.909 | 3.866 | 1213.08  | 1263.624 | 0.0 | -94.91  | -92.08  | 0.0 |
| 47 | 14580 | 14581 | NS | 1 | 57.531 | 58.168 | 0.0 | 0.0   | 298.224 | 3.636 | 1217.752 | 1263.448 | 0.0 | -93.268 | -92.142 | 0.0 |
| 48 | 14580 | 14581 | NS | 1 | 57.531 | 58.15  | 0.0 | 0.0   | 290.778 | 3.177 | 1216.984 | 1262.256 | 0.0 | -93.184 | -92.142 | 0.0 |
| 49 | 14580 | 14581 | SN | 2 | 57.597 | 58.206 | 0.0 | 0.0   | 297.953 | 3.829 | 1213.008 | 1263.704 | 0.0 | -93.096 | -92.086 | 0.0 |
| 50 | 14580 | 14581 | SN | 1 | 57.597 | 58.206 | 0.0 | 0.0   | 297.953 | 3.829 | 1213.008 | 1263.704 | 0.0 | -93.096 | -92.086 | 0.0 |
| 51 | 14580 | 14581 | NS | 1 | 57.531 | 58.15  | 0.0 | 0.0   | 298.224 | 3.625 | 1216.984 | 1263.448 | 0.0 | -93.184 | -92.142 | 0.0 |
| 52 | 14581 | 14582 | SN | 1 | 57.579 | 58.207 | 0.0 | 0.0   | 298.13  | 3.762 | 1213.04  | 1263.696 | 0.0 | -93.152 | -92.106 | 0.0 |
| 53 | 14581 | 14582 | NS | 1 | 57.528 | 58.168 | 0.0 | 0.0   | 296.387 | 3.835 | 1217.432 | 1263.416 | 0.0 | -93.201 | -92.14  | 0.0 |
| 54 | 14581 | 14582 | NS | 1 | 57.54  | 58.162 | 0.0 | 0.0   | 296.387 | 3.824 | 1217.688 | 1263.416 | 0.0 | -93.074 | -92.14  | 0.0 |
| 55 | 14581 | 14582 | NS | 1 | 57.54  | 58.162 | 0.0 | 0.0   | 296.387 | 3.426 | 1217.688 | 1262.696 | 0.0 | -93.074 | -92.14  | 0.0 |
| 56 | 14582 | 14583 | SN | 1 | 57.582 | 58.208 | 0.0 | 0.0   | 297.799 | 3.707 | 1212.448 | 1263.72  | 0.0 | -93.019 | -92.112 | 0.0 |
| 57 | 14582 | 14583 | NS | 1 | 57.522 | 58.152 | 0.0 | 0.003 | 296.641 | 2.314 | 1216.912 | 1261.672 | 0.0 | -93.158 | -92.138 | 0.0 |
| 58 | 14582 | 14583 | NS | 1 | 57.522 | 58.152 | 0.0 | 0.0   | 296.641 | 3.633 | 1216.912 | 1263.44  | 0.0 | -93.158 | -92.138 | 0.0 |
| 59 | 14582 | 14583 | NS | 1 | 57.521 | 58.174 | 0.0 | 0.0   | 296.641 | 3.646 | 1217.36  | 1263.432 | 0.0 | -93.155 | -92.138 | 0.0 |
| 60 | 14582 | 14583 | SN | 1 | 57.582 | 58.208 | 0.0 | 0.0   | 297.816 | 3.712 | 1212.456 | 1263.728 | 0.0 | -93.013 | -92.112 | 0.0 |
| 61 | 14583 | 14584 | NS | 1 | 57.527 | 58.179 | 0.0 | 0.0   | 296.884 | 2.26  | 1217.304 | 1259.904 | 0.0 | -93.143 | -92.116 | 0.0 |
| 62 | 14583 | 14584 | NS | 2 | 57.527 | 58.178 | 0.0 | 0.0   | 299.84  | 3.844 | 1217.312 | 1263.464 | 0.0 | -93.143 | -92.116 | 0.0 |
| 63 | 14583 | 14584 | NS | 1 | 57.527 | 58.179 | 0.0 | 0.0   | 299.84  | 3.845 | 1217.304 | 1263.464 | 0.0 | -93.143 | -92.116 | 0.0 |
| 64 | 14583 | 14584 | SN | 1 | 57.6   | 58.209 | 0.0 | 0.0   | 289.835 | 2.843 | 1213.352 | 1263.752 | 0.0 | -93.153 | -92.115 | 0.0 |
| 65 | 14583 | 14584 | SN | 1 | 57.595 | 58.209 | 0.0 | 0.0   | 297.617 | 3.908 | 1213.352 | 1263.752 | 0.0 | -93.153 | -92.115 | 0.0 |
| 66 | 14583 | 14584 | SN | 1 | 57.595 | 58.209 | 0.0 | 0.0   | 297.617 | 3.912 | 1213.352 | 1263.752 | 0.0 | -93.153 | -92.115 | 0.0 |
| 67 | 14584 | 14585 | NS | 1 | 57.527 | 58.172 | 0.0 | 0.0   | 299.784 | 3.834 | 1217.44  | 1263.248 | 0.0 | -93.181 | -92.124 | 0.0 |
| 68 | 14584 | 14585 | SN | 1 | 57.577 | 58.206 | 0.0 | 0.0   | 292.637 | 4.01  | 1212.96  | 1263.528 | 0.0 | -93.148 | -92.064 | 0.0 |
| 69 | 14584 | 14585 | SN | 1 | 57.577 | 58.206 | 0.0 | 0.003 | 287.635 | 3.558 | 1212.96  | 1263.528 | 0.0 | -93.148 | -92.064 | 0.0 |
| 70 | 14584 | 14585 | SN | 1 | 57.577 | 58.206 | 0.0 | 0.0   | 292.637 | 4.005 | 1212.96  | 1263.528 | 0.0 | -93.148 | -92.064 | 0.0 |
| 71 | 14585 | 14586 | SN | 1 | 57.582 | 58.215 | 0.0 | 0.0   | 289.554 | 3.367 | 1212.48  | 1263.736 | 0.0 | -93.133 | -92.096 | 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  | 14585 | 14586 | SN | 1 | 57.577 | 58.215 | 0.0 | 0.0   | 289.554 | 3.364 | 1212.696 | 1263.736 | 0.0 | -93.133 | -92.096 | 0.0 |
| 73  | 14585 | 14586 | NS | 1 | 57.558 | 58.151 | 0.0 | 0.0   | 297.038 | 3.735 | 1217.632 | 1263.488 | 0.0 | -93.114 | -92.113 | 0.0 |
| 74  | 14585 | 14586 | NS | 2 | 57.558 | 58.151 | 0.0 | 0.0   | 297.038 | 3.734 | 1217.632 | 1263.488 | 0.0 | -93.114 | -92.113 | 0.0 |
| 75  | 14585 | 14586 | SN | 1 | 57.577 | 58.215 | 0.0 | 0.0   | 289.587 | 3.758 | 1212.696 | 1263.736 | 0.0 | -93.133 | -92.096 | 0.0 |
| 76  | 14586 | 14587 | NS | 1 | 57.56  | 58.15  | 0.0 | 0.0   | 297.964 | 3.563 | 1218.312 | 1263.576 | 0.0 | -93.195 | -92.113 | 0.0 |
| 77  | 14586 | 14587 | NS | 1 | 57.56  | 58.15  | 0.0 | 0.0   | 297.964 | 3.559 | 1218.312 | 1263.576 | 0.0 | -93.195 | -92.113 | 0.0 |
| 78  | 14586 | 14587 | SN | 1 | 57.586 | 58.225 | 0.0 | 0.0   | 286.857 | 3.712 | 1212.464 | 1263.792 | 0.0 | -93.109 | -92.108 | 0.0 |
| 79  | 14586 | 14587 | SN | 2 | 57.586 | 58.225 | 0.0 | 0.0   | 286.857 | 3.712 | 1212.464 | 1263.792 | 0.0 | -93.109 | -92.108 | 0.0 |
| 80  | 14586 | 14587 | SN | 1 | 57.586 | 58.225 | 0.0 | 0.0   | 286.857 | 3.321 | 1212.464 | 1263.792 | 0.0 | -93.109 | -92.108 | 0.0 |
| 81  | 14587 | 14588 | SN | 1 | 57.572 | 58.205 | 0.0 | 0.0   | 299.85  | 3.711 | 1212.056 | 1263.664 | 0.0 | -93.093 | -92.088 | 0.0 |
| 82  | 14587 | 14588 | NS | 1 | 57.543 | 58.153 | 0.0 | 0.0   | 299.575 | 3.831 | 1218.008 | 1263.448 | 0.0 | -93.14  | -92.118 | 0.0 |
| 83  | 14587 | 14588 | NS | 1 | 57.543 | 58.153 | 0.0 | 0.0   | 299.575 | 3.835 | 1218.008 | 1263.448 | 0.0 | -93.14  | -92.118 | 0.0 |
| 84  | 14587 | 14588 | SN | 2 | 57.572 | 58.205 | 0.0 | 0.0   | 299.85  | 3.711 | 1212.056 | 1263.664 | 0.0 | -93.093 | -92.088 | 0.0 |
| 85  | 14587 | 14588 | SN | 1 | 57.572 | 58.205 | 0.0 | 0.0   | 299.85  | 3.281 | 1212.056 | 1263.664 | 0.0 | -93.093 | -92.088 | 0.0 |
| 86  | 14588 | 14589 | SN | 2 | 57.579 | 58.204 | 0.0 | 0.0   | 298.841 | 3.703 | 1212.192 | 1263.568 | 0.0 | -93.097 | -92.109 | 0.0 |
| 87  | 14588 | 14589 | SN | 1 | 57.579 | 58.204 | 0.0 | 0.0   | 298.841 | 3.169 | 1212.192 | 1263.568 | 0.0 | -93.359 | -92.109 | 0.0 |
| 88  | 14588 | 14589 | NS | 1 | 57.56  | 58.156 | 0.0 | 0.0   | 287.883 | 3.729 | 1218.704 | 1263.352 | 0.0 | -93.145 | -92.132 | 0.0 |
| 89  | 14588 | 14589 | NS | 1 | 57.56  | 58.156 | 0.0 | 0.0   | 287.883 | 3.725 | 1218.704 | 1263.352 | 0.0 | -93.145 | -92.132 | 0.0 |
| 90  | 14588 | 14589 | SN | 1 | 57.579 | 58.204 | 0.0 | 0.0   | 298.841 | 3.703 | 1212.192 | 1263.568 | 0.0 | -93.097 | -92.109 | 0.0 |
| 91  | 14589 | 14590 | NS | 1 | 57.539 | 58.173 | 0.0 | 0.0   | 289.896 | 3.751 | 1218.464 | 1263.16  | 0.0 | -93.171 | -92.138 | 0.0 |
| 92  | 14589 | 14590 | SN | 1 | 57.383 | 58.202 | 0.0 | 0.0   | 298.544 | 3.757 | 1212.72  | 1263.36  | 0.0 | -94.969 | -92.11  | 0.0 |
| 93  | 14589 | 14590 | SN | 1 | 57.581 | 58.204 | 0.0 | 0.003 | 298.681 | 3.011 | 1212.736 | 1263.408 | 0.0 | -93.069 | -92.11  | 0.0 |
| 94  | 14589 | 14590 | NS | 1 | 57.539 | 58.173 | 0.0 | 0.0   | 289.896 | 3.748 | 1218.464 | 1263.16  | 0.0 | -93.187 | -92.138 | 0.0 |
| 95  | 14590 | 14591 | SN | 1 | 57.584 | 58.203 | 0.0 | 0.0   | 298.538 | 3.871 | 1213.096 | 1263.392 | 0.0 | -93.094 | -92.085 | 0.0 |
| 96  | 14590 | 14591 | NS | 1 | 57.516 | 58.159 | 0.0 | 0.0   | 293.497 | 3.66  | 1217.688 | 1263.144 | 0.0 | -93.349 | -92.141 | 0.0 |
| 97  | 14591 | 14592 | SN | 2 | 57.578 | 58.217 | 0.0 | 0.0   | 296.685 | 3.806 | 1212.784 | 1263.608 | 0.0 | -93.038 | -92.096 | 0.0 |
| 98  | 14591 | 14592 | NS | 1 | 57.525 | 58.175 | 0.0 | 0.0   | 298.422 | 3.714 | 1217.576 | 1263.288 | 0.0 | -93.218 | -92.137 | 0.0 |
| 99  | 14591 | 14592 | SN | 1 | 57.578 | 58.217 | 0.0 | 0.0   | 296.685 | 3.806 | 1212.784 | 1263.608 | 0.0 | -93.038 | -92.096 | 0.0 |
| 100 | 14591 | 14592 | SN | 1 | 57.578 | 58.217 | 0.0 | 0.0   | 282.942 | 2.383 | 1212.784 | 1263.608 | 0.0 | -93.038 | -92.096 | 0.0 |
| 101 | 14591 | 14592 | NS | 1 | 57.522 | 58.178 | 0.0 | 0.0   | 298.72  | 3.711 | 1217.608 | 1263.336 | 0.0 | -93.196 | -92.136 | 0.0 |
| 102 | 14592 | 14593 | NS | 1 | 57.527 | 58.168 | 0.0 | 0.0   | 294.324 | 3.88  | 1218.288 | 1263.328 | 0.0 | -93.26  | -92.099 | 0.0 |
| 103 | 14592 | 14593 | NS | 1 | 57.524 | 58.16  | 0.0 | 0.0   | 294.324 | 3.883 | 1217.968 | 1263.328 | 0.0 | -93.174 | -92.099 | 0.0 |
| 104 | 14592 | 14593 | SN | 1 | 57.583 | 58.227 | 0.0 | 0.0   | 295.698 | 3.717 | 1213.144 | 1263.584 | 0.0 | -93.105 | -92.082 | 0.0 |
| 105 | 14592 | 14593 | SN | 2 | 57.583 | 58.227 | 0.0 | 0.0   | 295.698 | 3.717 | 1213.144 | 1263.584 | 0.0 | -93.105 | -92.082 | 0.0 |
| 106 | 14593 | 14594 | SN | 1 | 57.58  | 58.233 | 0.0 | 0.0   | 297.595 | 3.781 | 1213.088 | 1263.384 | 0.0 | -93.276 | -92.113 | 0.0 |
| 107 | 14593 | 14594 | NS | 1 | 57.527 | 58.16  | 0.0 | 0.0   | 293.696 | 3.767 | 1218.032 | 1263.088 | 0.0 | -93.105 | -92.113 | 0.0 |
| 108 | 14593 | 14594 | NS | 1 | 57.525 | 58.17  | 0.0 | 0.0   | 293.696 | 3.756 | 1218.352 | 1263.088 | 0.0 | -93.105 | -92.113 | 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 | 14594 | 14595 | SN | 1 | 57.576 | 58.226 | 0.0 | 0.0   | 296.674 | 3.864 | 1213.376 | 1263.544 | 0.0 | -93.319 | -92.077 | 0.0 |
| 110 | 14594 | 14595 | NS | 1 | 57.544 | 58.154 | 0.0 | 0.0   | 296.354 | 3.648 | 1217.672 | 1263.208 | 0.0 | -93.141 | -92.14  | 0.0 |
| 111 | 14594 | 14595 | NS | 1 | 57.544 | 58.154 | 0.0 | 0.0   | 296.354 | 3.479 | 1217.672 | 1262.928 | 0.0 | -93.141 | -92.14  | 0.0 |
| 112 | 14595 | 14596 | SN | 1 | 57.581 | 58.223 | 0.0 | 0.0   | 297.678 | 3.727 | 1213.352 | 1263.56  | 0.0 | -93.133 | -92.09  | 0.0 |
| 113 | 14595 | 14596 | SN | 1 | 57.581 | 58.223 | 0.0 | 0.0   | 297.678 | 3.731 | 1213.016 | 1263.56  | 0.0 | -93.133 | -92.09  | 0.0 |
| 114 | 14595 | 14596 | NS | 1 | 57.524 | 58.185 | 0.0 | 0.0   | 298.957 | 3.64  | 1217.168 | 1263.344 | 0.0 | -93.422 | -92.137 | 0.0 |
| 115 | 14596 | 14597 | NS | 2 | 57.532 | 58.166 | 0.0 | 0.003 | 298.698 | 3.685 | 1217.144 | 1263.28  | 0.0 | -93.144 | -92.136 | 0.0 |
| 116 | 14596 | 14597 | NS | 1 | 57.532 | 58.166 | 0.0 | 0.003 | 298.698 | 3.685 | 1217.144 | 1263.28  | 0.0 | -93.144 | -92.136 | 0.0 |
| 117 | 14596 | 14597 | SN | 1 | 57.587 | 58.208 | 0.0 | 0.0   | 296.933 | 3.727 | 1212.992 | 1263.584 | 0.0 | -93.092 | -92.114 | 0.0 |
| 118 | 14596 | 14597 | SN | 1 | 57.577 | 58.208 | 0.0 | 0.0   | 296.933 | 3.724 | 1213.12  | 1263.584 | 0.0 | -93.092 | -92.114 | 0.0 |
| 119 | 14597 | 14598 | SN | 1 | 57.585 | 58.209 | 0.0 | 0.0   | 299.63  | 3.837 | 1212.904 | 1263.688 | 0.0 | -93.24  | -92.116 | 0.0 |
| 120 | 14597 | 14598 | NS | 2 | 57.519 | 58.156 | 0.0 | 0.0   | 299.42  | 3.709 | 1217.0   | 1263.36  | 0.0 | -93.192 | -92.135 | 0.0 |
| 121 | 14597 | 14598 | NS | 1 | 57.519 | 58.156 | 0.0 | 0.0   | 299.42  | 3.709 | 1217.0   | 1263.36  | 0.0 | -93.192 | -92.135 | 0.0 |
| 122 | 14597 | 14598 | SN | 1 | 57.6   | 58.209 | 0.0 | 0.0   | 299.63  | 2.534 | 1213.504 | 1263.688 | 0.0 | -93.297 | -92.116 | 0.0 |
| 123 | 14598 | 14599 | NS | 1 | 57.527 | 58.173 | 0.0 | 0.0   | 298.803 | 3.848 | 1217.04  | 1263.248 | 0.0 | -93.191 | -92.134 | 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       | 14569       | 14570     | SN       | 1    | -34.229 | 20.674   | 0.0        | -34.965 | 21.691    | 0.0        | -26.149 | 22.617  | 0.011      | -29.156 | 22.661   | 0.007      | 0.086 | 196.162  | 2.775      | 0.086 | 232.38    | 2.313      | 0.086 | 30.571  | 0.167      | 0.086 | 61.04   | 0.209      |
| 2       | 14569       | 14570     | SN       | 1    | -34.229 | 20.674   | 0.0        | -34.965 | 21.691    | 0.0        | -26.149 | 22.617  | 0.011      | -29.156 | 22.661   | 0.007      | 0.086 | 196.162  | 2.865      | 0.086 | 232.38    | 2.568      | 0.086 | 30.571  | 0.168      | 0.086 | 61.04   | 0.209      |
| 3       | 14569       | 14570     | SN       | 1    | -34.229 | 20.674   | 0.0        | -34.965 | 21.691    | 0.0        | -26.212 | 22.617  | 0.011      | -29.394 | 22.661   | 0.007      | 0.086 | 196.162  | 2.77       | 0.086 | 232.38    | 2.315      | 0.086 | 31.027  | 0.166      | 0.086 | 64.476  | 0.209      |
| 4       | 14570       | 14571     | SN       | 1    | -34.897 | 20.554   | 0.0        | -34.765 | 21.222    | 0.0        | -33.523 | 22.518  | 0.012      | -31.132 | 22.958   | 0.023      | 0.086 | 228.738  | 3.292      | 0.086 | 221.927   | 2.645      | 0.086 | 166.76  | 0.182      | 0.086 | 96.176  | 0.281      |
| 5       | 14570       | 14571     | NS       | 1    | -34.4   | 19.731   | 0.0        | -34.741 | 20.359    | 0.0        | -16.647 | 22.755  | 0.011      | -13.431 | 23.224   | 0.065      | 0.086 | 204.088  | 0.595      | 0.086 | 220.659   | 0.726      | 0.086 | 3.486   | 0.005      | 0.086 | 1.696   | 0.006      |
| 6       | 14570       | 14571     | SN       | 1    | -34.897 | 20.554   | 0.0        | -34.765 | 21.222    | 0.0        | -33.523 | 22.518  | 0.012      | -31.132 | 22.958   | 0.023      | 0.086 | 228.738  | 3.204      | 0.086 | 221.927   | 2.58       | 0.086 | 166.76  | 0.182      | 0.086 | 96.176  | 0.281      |
| 7       | 14571       | 14572     | SN       | 1    | -34.524 | 16.598   | 0.0        | -34.982 | 16.787    | 0.0        | -30.788 | 22.28   | 0.036      | -33.106 | 22.512   | 0.015      | 0.087 | 209.966  | 2.488      | 0.087 | 233.34    | 2.123      | 0.086 | 88.859  | 0.064      | 0.086 | 151.474 | 0.05       |
| 8       | 14571       | 14572     | SN       | 1    | -34.427 | 16.598   | 0.0        | -34.557 | 16.787    | 0.0        | -31.196 | 22.28   | 0.036      | -33.659 | 22.512   | 0.015      | 0.087 | 205.277  | 2.49       | 0.087 | 211.556   | 2.127      | 0.086 | 97.606  | 0.064      | 0.086 | 172.068 | 0.05       |
| 9       | 14571       | 14572     | NS       | 1    | -34.968 | 16.999   | 0.0        | -33.799 | 16.343    | 0.0        | -28.984 | 22.52   | 0.009      | -18.722 | 23.04    | 0.053      | 0.087 | 232.585  | 1.226      | 0.087 | 177.64    | 1.296      | 0.086 | 58.677  | 0.002      | 0.086 | 5.582   | 0.017      |
| 10      | 14571       | 14572     | NS       | 2    | -34.968 | 16.999   | 0.0        | -33.799 | 16.343    | 0.0        | -28.984 | 22.52   | 0.009      | -18.722 | 23.04    | 0.053      | 0.087 | 232.585  | 1.228      | 0.087 | 177.64    | 1.295      | 0.086 | 58.677  | 0.002      | 0.086 | 5.582   | 0.017      |
| 11      | 14571       | 14572     | SN       | 1    | -34.427 | 16.598   | 0.0        | -34.557 | 16.787    | 0.0        | -31.196 | 22.28   | 0.036      | -33.659 | 22.512   | 0.015      | 0.087 | 205.277  | 2.445      | 0.087 | 211.556   | 2.106      | 0.086 | 97.606  | 0.064      | 0.086 | 172.068 | 0.05       |
| 12      | 14572       | 14573     | NS       | 1    | -32.465 | 16.46    | 0.0        | -34.236 | 15.576    | 0.0        | -31.885 | 21.886  | 0.0        | -25.562 | 22.324   | 0.02       | 0.087 | 130.712  | 0.867      | 0.087 | 196.502   | 0.959      | 0.086 | 114.359 | 0.171      | 0.086 | 26.726  | 0.109      |
| 13      | 14572       | 14573     | SN       | 1    | -34.428 | 17.017   | 0.0        | -34.645 | 17.107    | 0.0        | -1.107  | 22.577  | 0.012      | 1.295   | 21.816   | 0.0        | 0.087 | 205.377  | 2.261      | 0.087 | 215.841   | 1.699      | 0.086 | 0.169   | 0.0        | 0.086 | 0.132   | 0.0        |
| 14      | 14572       | 14573     | SN       | 1    | -34.581 | 17.017   | 0.0        | -32.903 | 17.107    | 0.0        | -1.107  | 22.577  | 0.012      | 1.295   | 21.816   | 0.0        | 0.087 | 212.715  | 2.261      | 0.087 | 144.582   | 1.697      | 0.086 | 0.169   | 0.0        | 0.086 | 0.132   | 0.0        |
| 15      | 14572       | 14573     | SN       | 1    | -33.641 | 17.017   | 0.0        | -34.878 | 17.107    | 0.0        | -1.107  | 22.577  | 0.012      | 1.295   | 21.816   | 0.0        | 0.087 | 171.304  | 2.303      | 0.087 | 227.786   | 1.715      | 0.086 | 0.169   | 0.0        | 0.086 | 0.132   | 0.0        |
| 16      | 14573       | 14574     | NS       | 2    | -34.589 | 15.122   | 0.0        | -34.286 | 15.235    | 0.0        | -13.712 | 24.816  | 0.023      | -12.161 | 23.048   | 0.042      | 0.087 | 213.103  | 1.834      | 0.087 | 198.791   | 1.728      | 0.086 | 1.806   | 0.005      | 0.086 | 1.283   | 0.001      |
| 17      | 14573       | 14574     | NS       | 1    | -34.589 | 15.122   | 0.0        | -34.665 | 15.235    | 0.0        | -13.712 | 24.816  | 0.023      | -12.161 | 23.048   | 0.042      | 0.087 | 213.103  | 1.836      | 0.087 | 216.897   | 1.726      | 0.086 | 1.806   | 0.005      | 0.086 | 1.283   | 0.001      |
| 18      | 14573       | 14574     | SN       | 1    | -34.787 | 16.576   | 0.0        | -34.977 | 17.232    | 0.0        | 0.605   | 22.342  | 0.006      | 1.764   | 22.634   | 0.041      | 0.087 | 223.056  | 3.269      | 0.087 | 233.05    | 2.914      | 0.086 | 0.14    | 0.0        | 0.086 | 0.127   | 0.0        |
| 19      | 14573       | 14574     | SN       | 1    | -34.787 | 16.576   | 0.0        | -34.977 | 17.232    | 0.0        | 0.605   | 22.342  | 0.006      | 1.764   | 22.634   | 0.043      | 0.087 | 223.056  | 3.345      | 0.087 | 233.05    | 2.938      | 0.086 | 0.14    | 0.0        | 0.086 | 0.127   | 0.0        |
| 20      | 14573       | 14574     | SN       | 1    | -34.908 | 16.576   | 0.0        | -34.847 | 17.232    | 0.0        | 0.605   | 22.342  | 0.006      | 1.764   | 22.634   | 0.041      | 0.087 | 229.318  | 3.264      | 0.087 | 226.167   | 2.923      | 0.086 | 0.14    | 0.0        | 0.086 | 0.127   | 0.0        |
| 21      | 14574       | 14575     | SN       | 1    | -34.974 | 17.304   | 0.0        | -34.966 | 18.046    | 0.0        | 0.367   | 21.895  | 0.0        | 2.059   | 22.149   | 0.02       | 0.087 | 232.914  | 8.914      | 0.086 | 233.518   | 8.152      | 0.086 | 0.144   | 0.0        | 0.086 | 0.124   | 0.0        |
| 22      | 14574       | 14575     | NS       | 1    | -34.365 | 15.591   | 0.0        | -34.998 | 15.624    | 0.0        | -30.24  | 21.946  | 0.0        | -20.46  | 22.853   | 0.019      | 0.087 | 202.415  | 2.827      | 0.087 | 234.108   | 2.342      | 0.086 | 78.338  | 0.008      | 0.086 | 8.297   | 0.026      |
| 23      | 14574       | 14575     | SN       | 1    | -34.939 | 17.304   | 0.0        | -34.985 | 18.046    | 0.0        | 0.367   | 21.895  | 0.0        | 2.059   | 22.149   | 0.021      | 0.087 | 230.971  | 9.128      | 0.086 | 233.518   | 8.289      | 0.086 | 0.144   | 0.0        | 0.086 | 0.124   | 0.0        |
| 24      | 14574       | 14575     | SN       | 2    | -34.974 | 17.304   | 0.0        | -34.966 | 18.046    | 0.0        | 0.367   | 21.895  | 0.0        | 2.059   | 22.149   | 0.02       | 0.087 | 232.914  | 8.914      | 0.086 | 233.518   | 8.152      | 0.086 | 0.144   | 0.0        | 0.086 | 0.124   | 0.0        |
| 25      | 14574       | 14575     | NS       | 1    | -34.377 | 15.591   | 0.0        | -34.998 | 15.624    | 0.0        | -30.24  | 21.94   | 0.0        | -20.46  | 22.853   | 0.019      | 0.087 | 203.007  | 2.823      | 0.087 | 234.108   | 2.342      | 0.086 | 78.338  | 0.008      | 0.086 | 8.297   | 0.026      |
| 26      | 14575       | 14576     | SN       | 1    | -34.357 | 15.288   | 0.0        | -34.617 | 15.142    | 0.0        | 0.283   | 22.955  | 0.091      | 5.539   | 23.063   | 0.146      | 0.087 | 202.049  | 5.33       | 0.087 | 214.498   | 5.093      | 0.086 | 0.145   | 0.0        | 0.086 | 0.102   | 0.0        |
| 27      | 14575       | 14576     | SN       | 1    | -34.227 | 15.288   | 0.0        | -34.96  | 15.142    | 0.0        | 0.283   | 22.955  | 0.09       | 5.539   | 23.063   | 0.146      | 0.087 | 196.066  | 5.271      | 0.087 | 232.108   | 5.093      | 0.086 | 0.145   | 0.0        | 0.086 | 0.102   | 0.0        |
| 28      | 14575       | 14576     | SN       | 2    | -34.227 | 15.288   | 0.0        | -34.96  | 15.142    | 0.0        | 0.283   | 22.955  | 0.09       | 5.539   | 23.063   | 0.146      | 0.087 | 196.066  | 5.271      | 0.087 | 232.108   | 5.093      | 0.086 | 0.145   | 0.0        | 0.086 | 0.102   | 0.0        |
| 29      | 14575       | 14576     | NS       | 1    | -34.7   | 20.445   | 0.0        | -34.979 | 20.227    | 0.0        | -25.313 | 22.35   | 0.013      | -26.149 | 22.65    | 0.019      | 0.086 | 218.691  | 2.734      | 0.086 | 233.161   | 2.513      | 0.086 | 25.239  | 0.088      | 0.086 | 30.57   | 0.076      |
| 30      | 14575       | 14576     | NS       | 1    | -34.7   | 20.445   | 0.0        | -34.979 | 20.226    | 0.0        | -25.312 | 22.348  | 0.013      | -26.149 | 22.65    | 0.019      | 0.086 | 218.691  | 2.732      | 0.086 | 233.161   | 2.513      | 0.086 | 25.227  | 0.088      | 0.086 | 30.57   | 0.075      |
| 31      | 14576       | 14577     | SN       | 1    | -33.426 | 16.539   | 0.0        | -33.438 | 17.735    | 0.0        | -14.552 | 23.179  | 0.184      | -7.696  | 25.269   | 0.535      | 0.087 | 163.04   | 1.376      | 0.086 | 163.517   | 1.688      | 0.086 | 2.177   | 0.001      | 0.086 | 0.503   | 0.0        |
| 32      | 14576       | 14577     | NS       | 1    | -34.829 | 19.785   | 0.0        | -34.411 | 21.208    | 0.0        | 1.164   | 22.512  | 0.003      | 1.383   | 22.659   | 0.079      | 0.086 | 225.238  | 4.432      | 0.086 | 204.583   | 4.156      | 0.086 | 0.133   | 0.0        | 0.086 | 0.131   | 0.0        |

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

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors







|     |       |       |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |         |       |       |         |       |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 107 | 14593 | 14594 | NS | 1 | -34.538 | 19.587 | 0.0 | -34.768 | 18.154 | 0.0 | -29.504 | 22.198 | 0.003 | -28.254 | 23.92  | 0.733 | 0.086 | 210.614 | 1.186 | 0.086 | 222.144 | 1.268 | 0.086 | 66.133  | 0.345 | 0.086 | 49.614  | 0.271 |
| 108 | 14593 | 14594 | NS | 1 | -34.195 | 19.587 | 0.0 | -34.529 | 18.147 | 0.0 | -29.11  | 22.192 | 0.003 | -28.257 | 23.92  | 0.733 | 0.086 | 194.604 | 1.187 | 0.086 | 210.199 | 1.268 | 0.086 | 60.402  | 0.343 | 0.086 | 49.654  | 0.271 |
| 109 | 14594 | 14595 | SN | 1 | -34.453 | 20.336 | 0.0 | -34.371 | 20.739 | 0.0 | -33.209 | 22.956 | 0.079 | -24.206 | 22.781 | 0.025 | 0.086 | 206.522 | 2.637 | 0.086 | 202.696 | 2.375 | 0.086 | 155.131 | 0.048 | 0.086 | 19.569  | 0.02  |
| 110 | 14594 | 14595 | NS | 1 | -34.465 | 15.37  | 0.0 | -33.019 | 18.95  | 0.0 | -21.644 | 22.09  | 0.007 | -15.174 | 23.682 | 0.583 | 0.087 | 207.155 | 2.006 | 0.086 | 148.474 | 2.247 | 0.086 | 10.878  | 0.014 | 0.086 | 2.502   | 0.003 |
| 111 | 14594 | 14595 | NS | 1 | -34.465 | 15.37  | 0.0 | -33.019 | 18.95  | 0.0 | -21.644 | 22.09  | 0.007 | -15.174 | 23.682 | 0.593 | 0.087 | 207.155 | 2.007 | 0.086 | 148.474 | 2.247 | 0.086 | 10.878  | 0.014 | 0.086 | 2.502   | 0.003 |
| 112 | 14595 | 14596 | SN | 1 | -34.6   | 17.427 | 0.0 | -33.975 | 17.373 | 0.0 | -17.759 | 22.924 | 0.086 | -25.674 | 22.976 | 0.063 | 0.087 | 213.685 | 3.778 | 0.087 | 185.041 | 2.93  | 0.086 | 4.484   | 0.003 | 0.086 | 27.412  | 0.014 |
| 113 | 14595 | 14596 | SN | 1 | -33.936 | 17.427 | 0.0 | -34.99  | 17.373 | 0.0 | -17.758 | 22.924 | 0.086 | -25.524 | 22.976 | 0.063 | 0.087 | 183.409 | 3.776 | 0.087 | 233.733 | 2.936 | 0.086 | 4.484   | 0.003 | 0.086 | 26.487  | 0.014 |
| 114 | 14595 | 14596 | NS | 1 | -34.745 | 18.668 | 0.0 | -34.92  | 19.027 | 0.0 | 0.471   | 21.658 | 0.0   | -0.705  | 23.329 | 0.686 | 0.086 | 220.937 | 4.829 | 0.086 | 230.008 | 4.446 | 0.086 | 0.142   | 0.0   | 0.086 | 0.161   | 0.0   |
| 115 | 14596 | 14597 | NS | 2 | -34.773 | 20.311 | 0.0 | -34.891 | 16.931 | 0.0 | 0.894   | 22.401 | 0.013 | -1.579  | 23.32  | 0.828 | 0.086 | 222.317 | 7.236 | 0.087 | 228.476 | 6.838 | 0.086 | 0.136   | 0.0   | 0.086 | 0.18    | 0.0   |
| 116 | 14596 | 14597 | NS | 1 | -34.773 | 20.311 | 0.0 | -34.891 | 16.931 | 0.0 | 0.894   | 22.401 | 0.013 | -1.579  | 23.32  | 0.828 | 0.086 | 222.317 | 7.236 | 0.087 | 228.476 | 6.838 | 0.086 | 0.136   | 0.0   | 0.086 | 0.18    | 0.0   |
| 117 | 14596 | 14597 | SN | 1 | -34.762 | 16.502 | 0.0 | -34.806 | 16.426 | 0.0 | -23.07  | 23.25  | 0.15  | -34.974 | 22.63  | 0.026 | 0.087 | 221.802 | 4.793 | 0.087 | 224.004 | 4.115 | 0.086 | 15.083  | 0.124 | 0.086 | 232.873 | 0.14  |
| 118 | 14596 | 14597 | SN | 1 | -34.379 | 16.502 | 0.0 | -34.885 | 16.426 | 0.0 | -23.066 | 23.25  | 0.15  | -34.985 | 22.63  | 0.026 | 0.087 | 203.085 | 4.79  | 0.087 | 228.162 | 4.119 | 0.086 | 15.064  | 0.124 | 0.086 | 233.471 | 0.136 |
| 119 | 14597 | 14598 | SN | 1 | -34.994 | 14.584 | 0.0 | -34.847 | 14.737 | 0.0 | -2.269  | 22.522 | 0.043 | -3.001  | 22.769 | 0.028 | 0.088 | 233.963 | 5.268 | 0.088 | 226.188 | 4.526 | 0.086 | 0.197   | 0.0   | 0.086 | 0.219   | 0.0   |
| 120 | 14597 | 14598 | NS | 2 | -34.925 | 17.817 | 0.0 | -34.996 | 18.058 | 0.0 | 1.046   | 22.959 | 0.277 | 1.849   | 23.42  | 0.793 | 0.086 | 230.215 | 6.518 | 0.086 | 234.045 | 6.407 | 0.086 | 0.135   | 0.0   | 0.086 | 0.126   | 0.0   |
| 121 | 14597 | 14598 | NS | 1 | -34.925 | 17.817 | 0.0 | -34.996 | 18.058 | 0.0 | 1.046   | 22.959 | 0.277 | 1.849   | 23.42  | 0.793 | 0.086 | 230.215 | 6.518 | 0.086 | 234.045 | 6.407 | 0.086 | 0.135   | 0.0   | 0.086 | 0.126   | 0.0   |
| 122 | 14597 | 14598 | SN | 1 | -34.592 | 14.584 | 0.0 | -34.846 | 14.737 | 0.0 | -2.275  | 22.522 | 0.049 | -3.041  | 22.769 | 0.03  | 0.088 | 213.275 | 5.351 | 0.088 | 226.084 | 4.894 | 0.086 | 0.197   | 0.0   | 0.086 | 0.22    | 0.0   |
| 123 | 14598 | 14599 | NS | 1 | -34.02  | 20.294 | 0.0 | -34.782 | 20.398 | 0.0 | 1.62    | 23.232 | 0.206 | 1.366   | 23.437 | 0.312 | 0.086 | 186.938 | 3.167 | 0.086 | 222.808 | 2.924 | 0.086 | 0.128   | 0.0   | 0.086 | 0.131   | 0.0   |

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

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