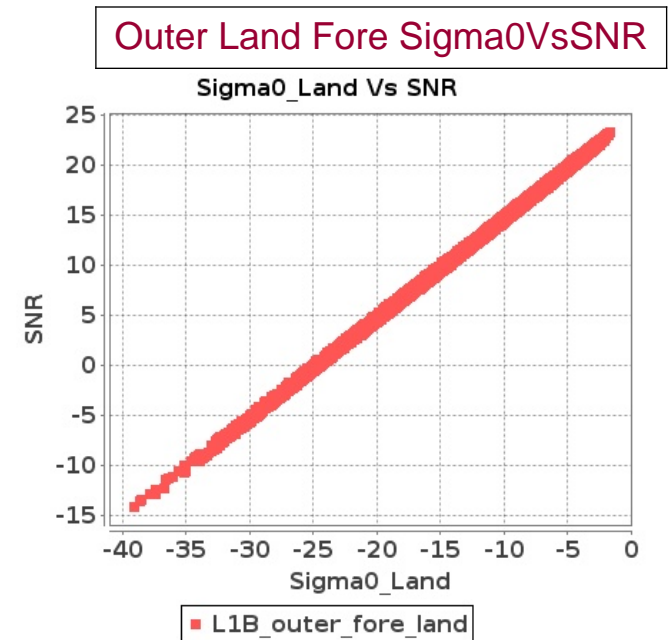
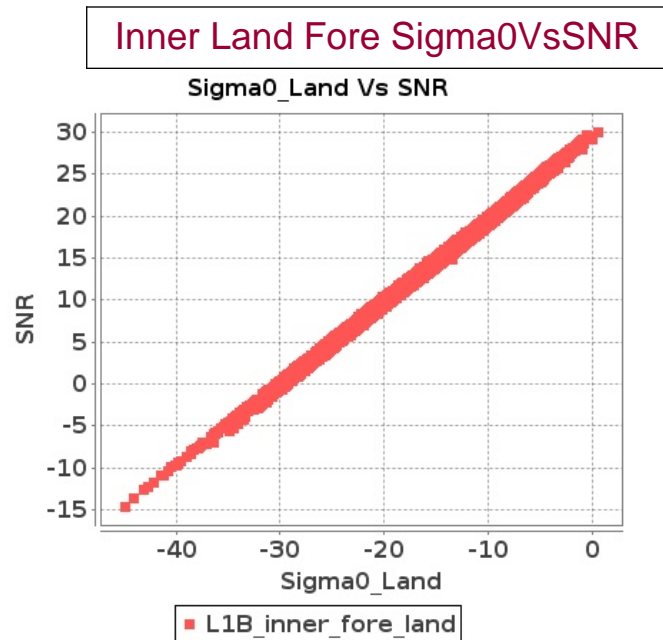
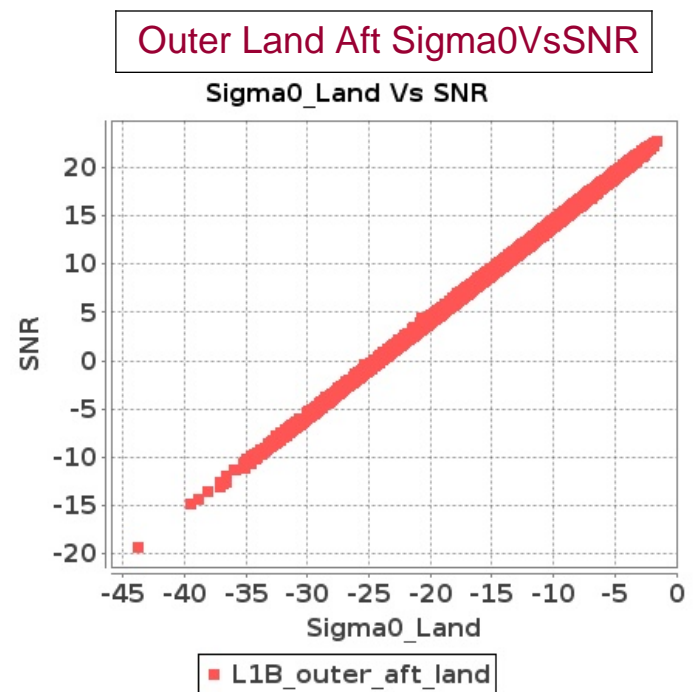
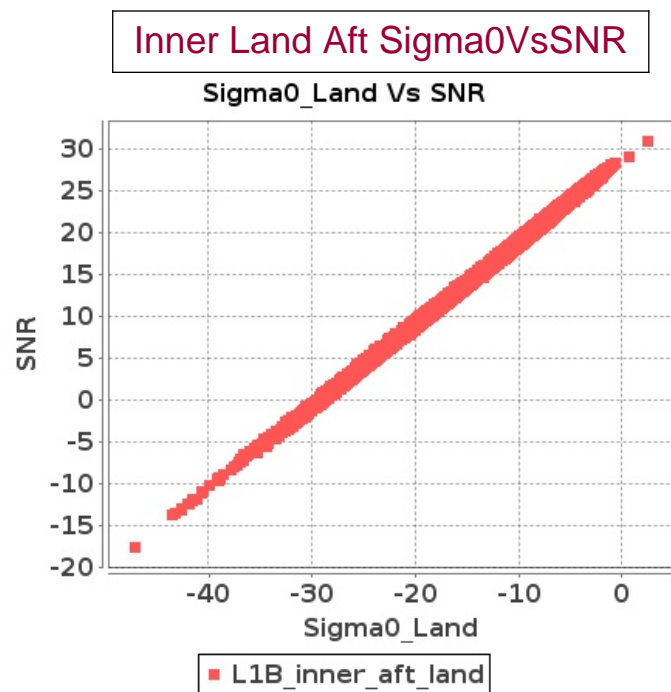
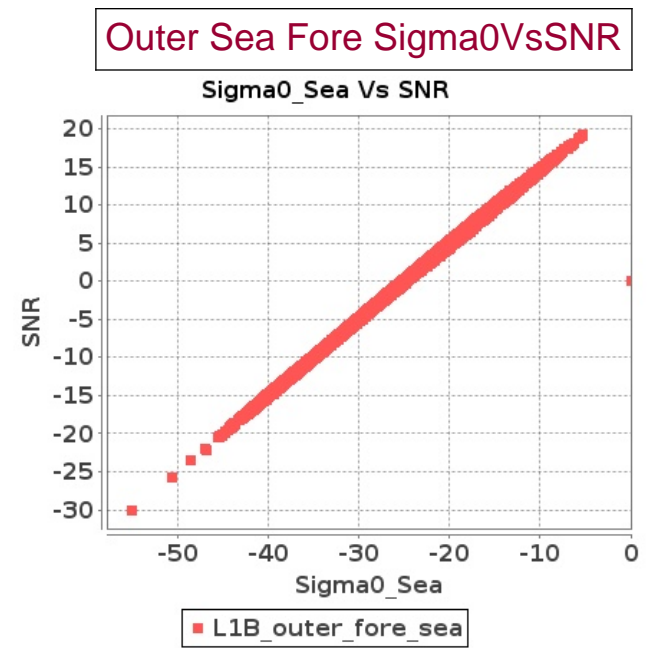
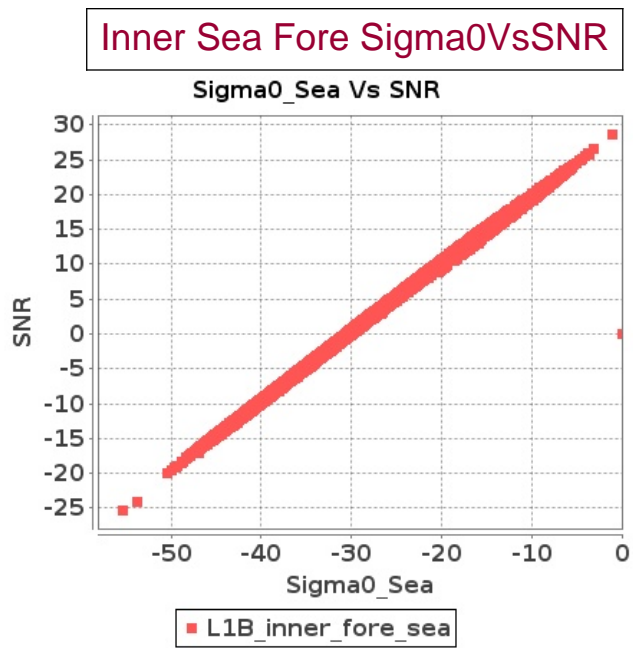
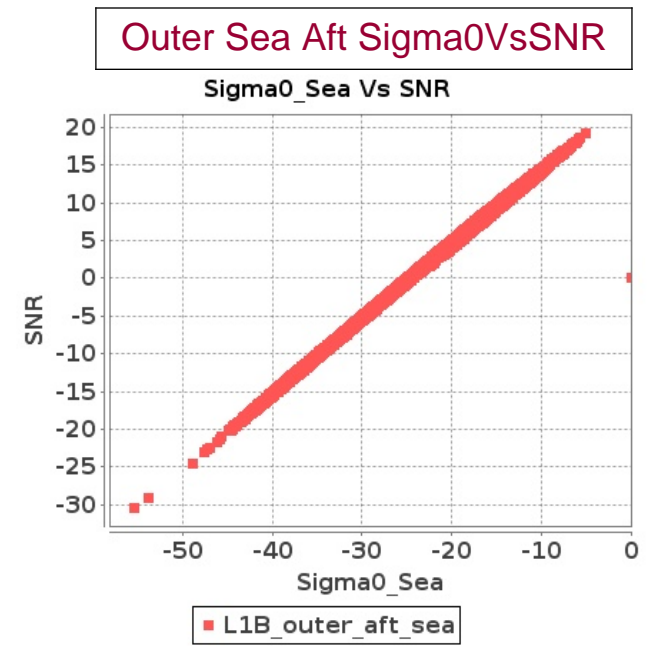
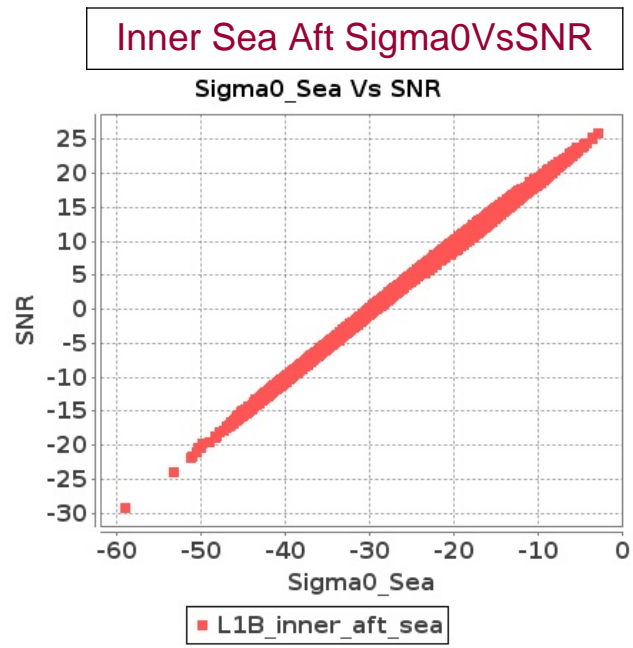
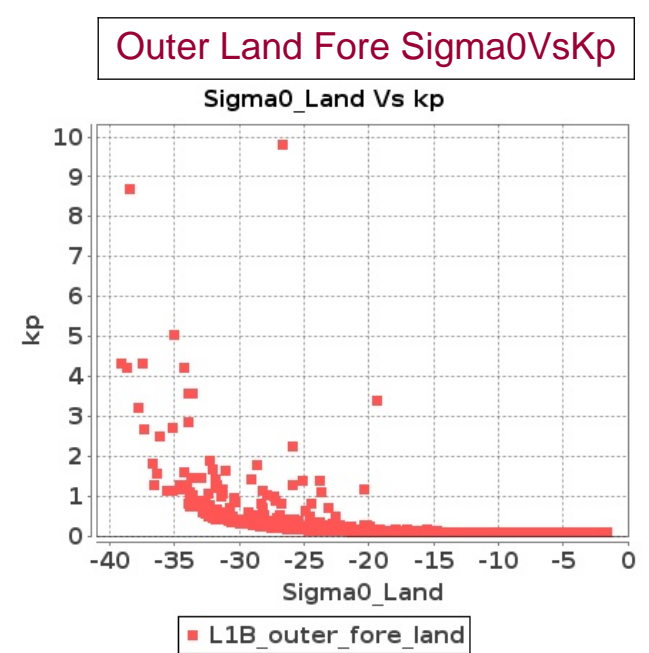
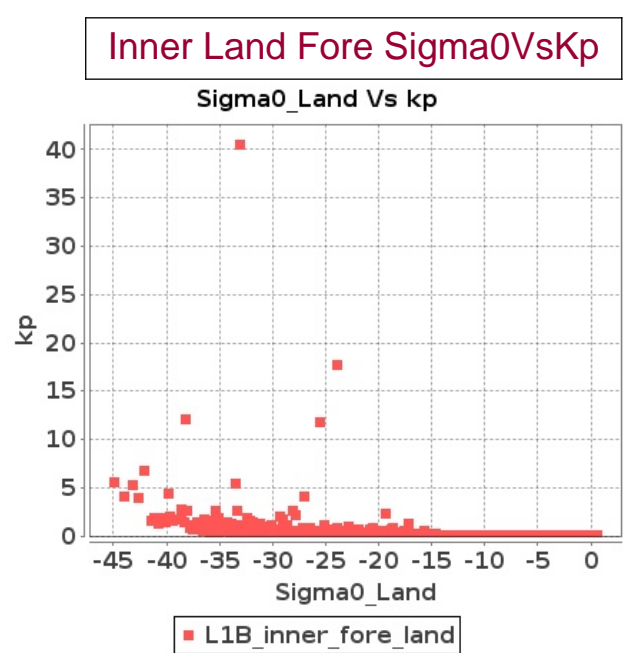
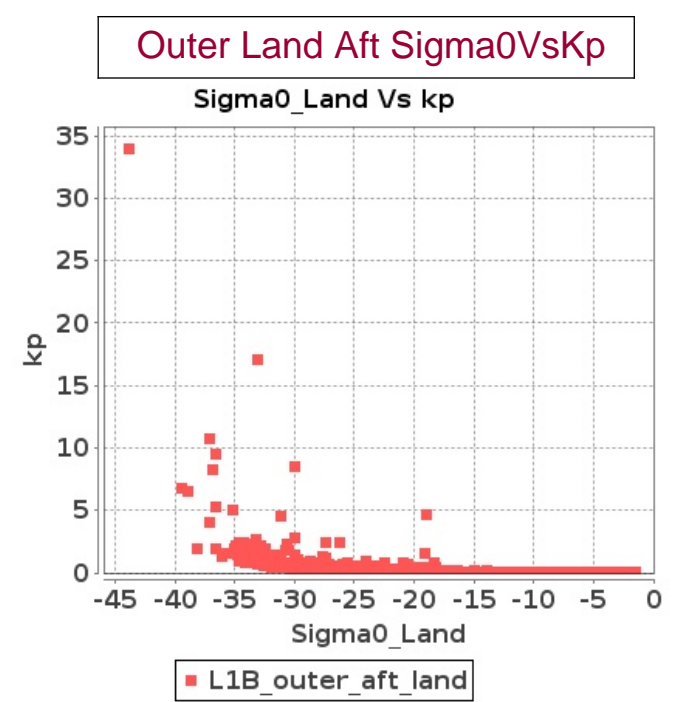
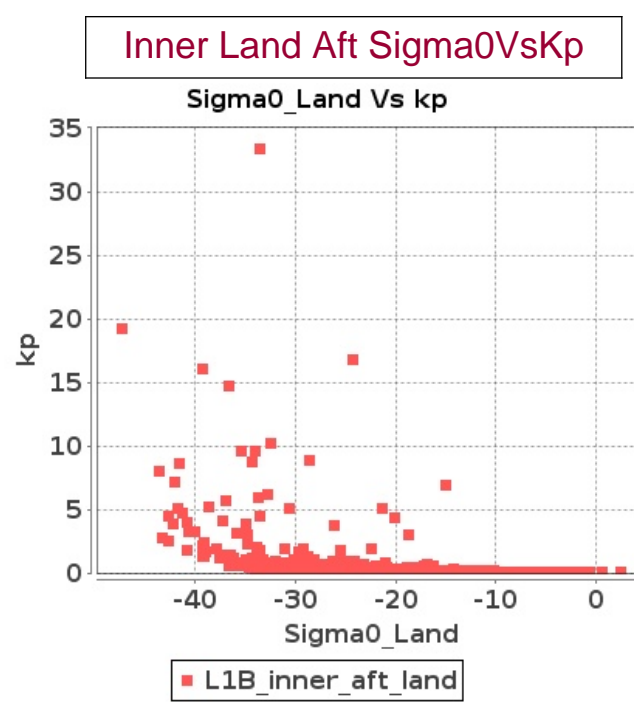
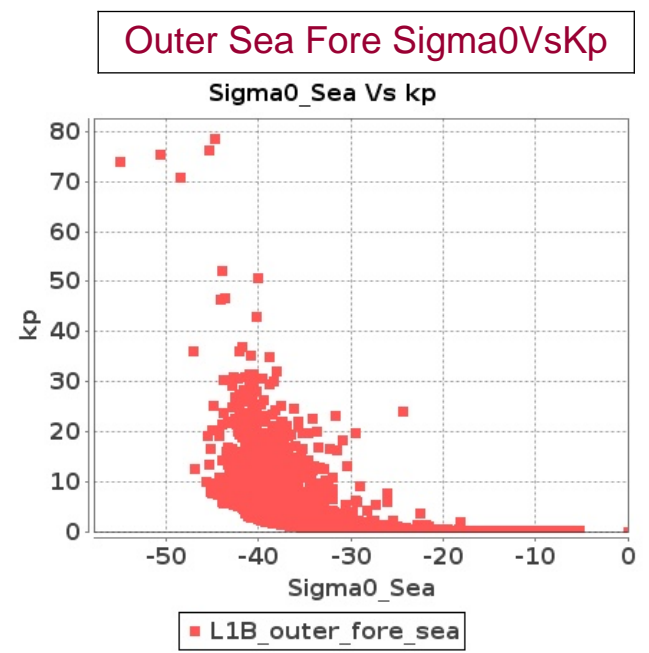
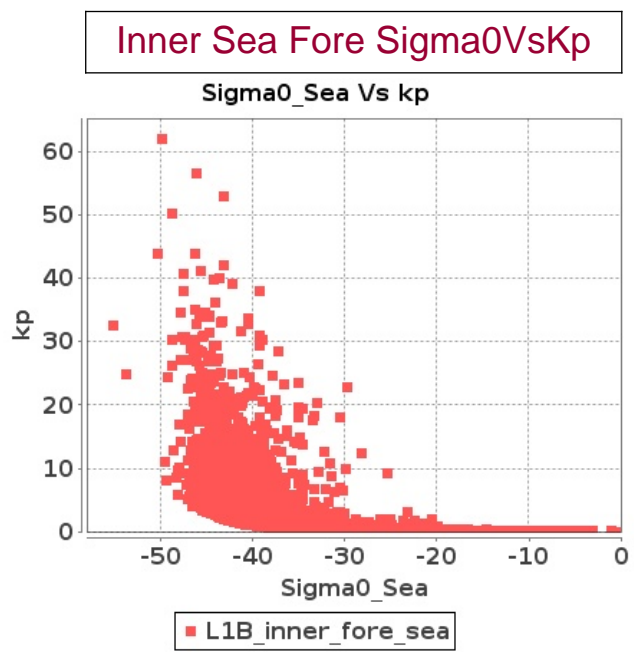
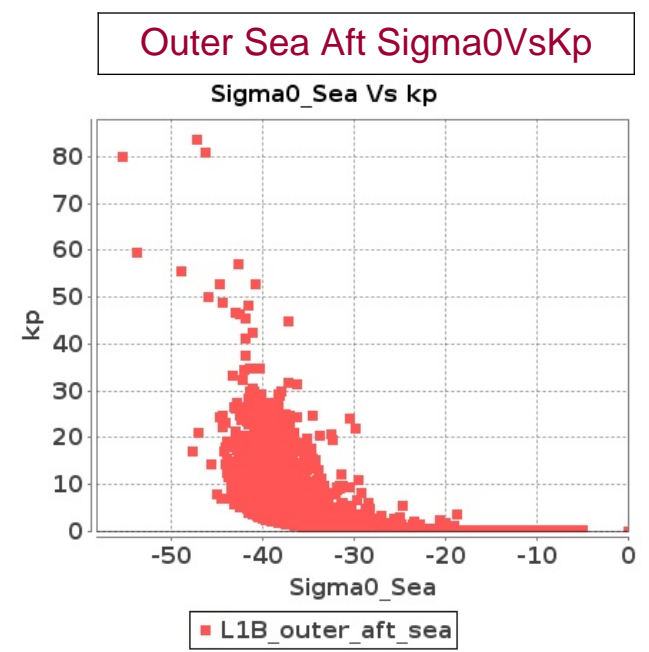
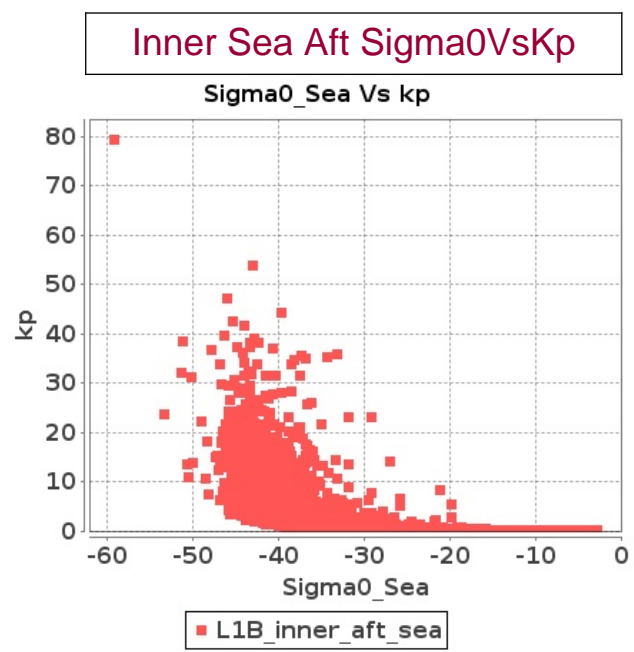


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 30-OCT-2019 To 31-OCT-2019





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

Report between 30-OCT-2019 To 31-OCT-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     | 16367       | 16368     | SN   | 1    | 48.754          | 49.469 | 0.0       | 0.003         | 6.375   | 1.999     | 1036.968 | 1075.248 | 0.0       | -91.766  | -90.027 | 0.0       |
| 2     | 16367       | 16368     | SN   | 1    | 48.755          | 49.468 | 0.0       | 0.0           | 272.783 | 2.805     | 1036.984 | 1075.232 | 0.0       | -91.766  | -90.027 | 0.0       |
| 3     | 16367       | 16368     | SN   | 2    | 48.754          | 49.469 | 0.0       | 0.0           | 63.985  | 2.803     | 1036.968 | 1075.248 | 0.0       | -91.766  | -90.027 | 0.0       |
| 4     | 16368       | 16369     | NS   | 1    | 48.735          | 49.362 | 0.0       | 0.003         | 264.731 | 2.53      | 1036.032 | 1074.768 | 0.0       | -91.628  | -90.024 | 0.0       |
| 5     | 16368       | 16369     | SN   | 1    | 48.734          | 49.411 | 0.0       | 0.003         | 280.576 | 2.585     | 1036.384 | 1075.192 | 0.0       | -91.71   | -90.014 | 0.0       |
| 6     | 16368       | 16369     | SN   | 1    | 48.734          | 49.411 | 0.0       | 0.003         | 280.576 | 2.424     | 1036.008 | 1075.192 | 0.0       | -91.71   | -90.014 | 0.0       |
| 7     | 16368       | 16369     | SN   | 1    | 48.734          | 49.411 | 0.0       | 0.003         | 280.576 | 2.587     | 1036.008 | 1075.192 | 0.0       | -91.71   | -90.014 | 0.0       |
| 8     | 16369       | 16370     | SN   | 1    | 48.742          | 49.465 | 0.0       | 0.003         | 6.37    | 2.349     | 1035.608 | 1075.344 | 0.0       | -91.809  | -90.044 | 0.0       |
| 9     | 16369       | 16370     | SN   | 1    | 48.734          | 49.465 | 0.0       | 0.003         | 6.37    | 2.351     | 1035.84  | 1075.352 | 0.0       | -92.058  | -90.044 | 0.0       |
| 10    | 16369       | 16370     | NS   | 2    | 48.735          | 49.362 | 0.0       | 0.003         | 264.676 | 2.565     | 1036.272 | 1074.96  | 0.0       | -91.56   | -89.989 | 0.0       |
| 11    | 16369       | 16370     | NS   | 1    | 48.735          | 49.362 | 0.0       | 0.003         | 264.676 | 2.565     | 1036.272 | 1074.96  | 0.0       | -91.56   | -89.989 | 0.0       |
| 12    | 16369       | 16370     | SN   | 1    | 48.742          | 49.465 | 0.0       | 0.003         | 6.37    | 2.496     | 1035.608 | 1075.344 | 0.0       | -91.809  | -90.044 | 0.0       |
| 13    | 16370       | 16371     | SN   | 1    | 48.723          | 49.454 | 0.0       | 0.003         | 216.0   | 2.536     | 1035.8   | 1075.248 | 0.0       | -91.694  | -90.042 | 0.0       |
| 14    | 16370       | 16371     | SN   | 1    | 48.723          | 49.454 | 0.0       | 0.003         | 216.0   | 2.308     | 1035.8   | 1075.248 | 0.0       | -91.694  | -90.042 | 0.0       |
| 15    | 16370       | 16371     | NS   | 1    | 48.736          | 49.362 | 0.0       | 0.003         | 13.583  | 2.531     | 1036.168 | 1074.84  | 0.0       | -92.23   | -90.042 | 0.0       |
| 16    | 16370       | 16371     | SN   | 2    | 48.723          | 49.454 | 0.0       | 0.003         | 216.0   | 2.536     | 1035.8   | 1075.248 | 0.0       | -91.694  | -90.042 | 0.0       |
| 17    | 16370       | 16371     | NS   | 1    | 48.736          | 49.362 | 0.0       | 0.003         | 13.583  | 2.538     | 1036.168 | 1074.84  | 0.0       | -92.23   | -90.042 | 0.0       |
| 18    | 16371       | 16372     | SN   | 2    | 48.751          | 49.409 | 0.0       | 0.003         | 281.701 | 2.522     | 1035.488 | 1075.12  | 0.0       | -91.757  | -90.042 | 0.0       |
| 19    | 16371       | 16372     | SN   | 1    | 48.75           | 49.409 | 0.0       | 0.003         | 281.701 | 2.521     | 1035.488 | 1075.12  | 0.0       | -91.757  | -90.042 | 0.0       |
| 20    | 16371       | 16372     | SN   | 1    | 48.75           | 49.409 | 0.0       | 0.003         | 281.701 | 2.146     | 1035.488 | 1075.12  | 0.0       | -91.757  | -90.042 | 0.0       |
| 21    | 16371       | 16372     | NS   | 1    | 48.736          | 49.362 | 0.0       | 0.0           | 206.768 | 2.751     | 1037.248 | 1074.72  | 0.0       | -91.603  | -90.004 | 0.0       |
| 22    | 16371       | 16372     | NS   | 1    | 48.736          | 49.362 | 0.0       | 0.0           | 206.768 | 2.756     | 1037.248 | 1074.72  | 0.0       | -91.603  | -90.004 | 0.0       |
| 23    | 16372       | 16373     | SN   | 2    | 48.744          | 49.46  | 0.0       | 0.003         | 281.695 | 2.551     | 1035.8   | 1075.04  | 0.0       | -91.802  | -90.042 | 0.0       |
| 24    | 16372       | 16373     | NS   | 1    | 48.674          | 49.376 | 0.0       | 0.003         | 13.082  | 2.61      | 1036.368 | 1074.616 | 0.0       | -91.682  | -90.029 | 0.0       |
| 25    | 16372       | 16373     | SN   | 1    | 48.744          | 49.46  | 0.0       | 0.003         | 281.695 | 2.551     | 1035.8   | 1075.04  | 0.0       | -91.802  | -90.042 | 0.0       |
| 26    | 16372       | 16373     | NS   | 1    | 48.673          | 49.362 | 0.0       | 0.003         | 13.082  | 2.612     | 1036.568 | 1074.616 | 0.0       | -91.614  | -90.029 | 0.0       |
| 27    | 16372       | 16373     | SN   | 1    | 48.744          | 49.46  | 0.0       | 0.003         | 281.695 | 1.97      | 1035.8   | 1075.04  | 0.0       | -91.802  | -90.042 | 0.0       |
| 28    | 16373       | 16374     | SN   | 2    | 48.736          | 49.438 | 0.0       | 0.003         | 6.359   | 2.606     | 1035.8   | 1074.992 | 0.0       | -91.819  | -90.043 | 0.0       |
| 29    | 16373       | 16374     | SN   | 1    | 48.736          | 49.438 | 0.0       | 0.003         | 6.359   | 1.755     | 1035.8   | 1074.992 | 0.0       | -91.819  | -90.043 | 0.0       |
| 30    | 16373       | 16374     | NS   | 1    | 48.687          | 49.393 | 0.0       | 0.003         | 264.621 | 2.624     | 1036.112 | 1074.576 | 0.0       | -92.276  | -90.038 | 0.0       |
| 31    | 16373       | 16374     | SN   | 1    | 48.738          | 49.437 | 0.0       | 0.003         | 276.103 | 2.607     | 1035.808 | 1074.992 | 0.0       | -91.819  | -90.043 | 0.0       |
| 32    | 16373       | 16374     | NS   | 1    | 48.691          | 49.397 | 0.0       | 0.003         | 264.621 | 2.622     | 1036.112 | 1074.576 | 0.0       | -91.767  | -90.038 | 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 | 16374 | 16375 | NS | 1 | 48.734 | 49.391 | 0.0 | 0.003 | 267.356 | 2.558 | 1035.744 | 1074.688 | 0.0 | -91.815 | -90.037 | 0.0 |
| 34 | 16374 | 16375 | SN | 1 | 48.733 | 49.475 | 0.0 | 0.003 | 280.178 | 1.563 | 1036.448 | 1075.152 | 0.0 | -91.74  | -90.035 | 0.0 |
| 35 | 16374 | 16375 | SN | 1 | 48.733 | 49.475 | 0.0 | 0.003 | 280.178 | 2.661 | 1036.448 | 1075.152 | 0.0 | -91.74  | -90.035 | 0.0 |
| 36 | 16374 | 16375 | SN | 1 | 48.733 | 49.475 | 0.0 | 0.003 | 280.178 | 2.658 | 1036.152 | 1075.152 | 0.0 | -91.74  | -90.035 | 0.0 |
| 37 | 16375 | 16376 | NS | 1 | 48.718 | 49.642 | 0.0 | 0.0   | 210.651 | 2.765 | 1036.024 | 1074.76  | 0.0 | -94.106 | -90.01  | 0.0 |
| 38 | 16375 | 16376 | SN | 1 | 48.779 | 49.463 | 0.0 | 0.003 | 215.306 | 2.555 | 1036.424 | 1075.208 | 0.0 | -91.821 | -90.006 | 0.0 |
| 39 | 16375 | 16376 | NS | 2 | 48.718 | 49.642 | 0.0 | 0.0   | 210.651 | 2.764 | 1036.024 | 1074.76  | 0.0 | -94.106 | -90.01  | 0.0 |
| 40 | 16376 | 16377 | SN | 1 | 48.738 | 49.47  | 0.0 | 0.003 | 6.37    | 2.538 | 1036.44  | 1075.152 | 0.0 | -91.795 | -90.049 | 0.0 |
| 41 | 16376 | 16377 | NS | 1 | 48.714 | 49.381 | 0.0 | 0.0   | 264.384 | 2.81  | 1036.616 | 1074.672 | 0.0 | -91.713 | -90.015 | 0.0 |
| 42 | 16377 | 16378 | NS | 1 | 48.736 | 49.361 | 0.0 | 0.003 | 206.994 | 2.616 | 1036.008 | 1074.576 | 0.0 | -91.707 | -90.038 | 0.0 |
| 43 | 16377 | 16378 | SN | 1 | 48.731 | 49.41  | 0.0 | 0.0   | 281.916 | 3.653 | 1037.104 | 1075.08  | 0.0 | -91.817 | -90.024 | 0.0 |
| 44 | 16377 | 16378 | SN | 1 | 48.727 | 49.41  | 0.0 | 0.0   | 281.916 | 3.591 | 1036.512 | 1075.072 | 0.0 | -91.664 | -90.024 | 0.0 |
| 45 | 16377 | 16378 | NS | 1 | 48.736 | 49.361 | 0.0 | 0.003 | 206.994 | 2.618 | 1036.008 | 1074.576 | 0.0 | -91.747 | -90.038 | 0.0 |
| 46 | 16378 | 16379 | NS | 1 | 48.706 | 49.378 | 0.0 | 0.003 | 206.989 | 2.639 | 1035.696 | 1074.616 | 0.0 | -91.776 | -90.037 | 0.0 |
| 47 | 16378 | 16379 | NS | 1 | 48.706 | 49.378 | 0.0 | 0.003 | 206.989 | 2.453 | 1035.696 | 1074.184 | 0.0 | -91.841 | -90.037 | 0.0 |
| 48 | 16378 | 16379 | NS | 1 | 48.706 | 49.378 | 0.0 | 0.003 | 206.989 | 2.636 | 1035.696 | 1074.608 | 0.0 | -91.776 | -90.037 | 0.0 |
| 49 | 16378 | 16379 | SN | 1 | 48.786 | 49.41  | 0.0 | 0.003 | 6.37    | 2.594 | 1037.088 | 1075.152 | 0.0 | -91.687 | -90.033 | 0.0 |
| 50 | 16378 | 16379 | SN | 1 | 48.786 | 49.41  | 0.0 | 0.003 | 6.37    | 2.607 | 1037.088 | 1075.152 | 0.0 | -91.687 | -90.033 | 0.0 |
| 51 | 16379 | 16380 | SN | 1 | 48.741 | 49.411 | 0.0 | 0.003 | 280.156 | 2.582 | 1037.152 | 1075.168 | 0.0 | -91.697 | -90.043 | 0.0 |
| 52 | 16379 | 16380 | NS | 1 | 48.693 | 49.393 | 0.0 | 0.003 | 264.692 | 1.98  | 1035.936 | 1073.016 | 0.0 | -92.46  | -90.034 | 0.0 |
| 53 | 16379 | 16380 | SN | 1 | 48.741 | 49.411 | 0.0 | 0.003 | 280.156 | 2.568 | 1037.152 | 1075.168 | 0.0 | -91.697 | -90.043 | 0.0 |
| 54 | 16379 | 16380 | NS | 1 | 48.693 | 49.393 | 0.0 | 0.003 | 264.692 | 2.602 | 1035.936 | 1074.648 | 0.0 | -92.46  | -90.034 | 0.0 |
| 55 | 16379 | 16380 | NS | 2 | 48.693 | 49.393 | 0.0 | 0.003 | 264.692 | 2.602 | 1035.936 | 1074.648 | 0.0 | -92.46  | -90.034 | 0.0 |
| 56 | 16380 | 16381 | SN | 1 | 48.734 | 49.412 | 0.0 | 0.003 | 6.353   | 2.549 | 1037.184 | 1075.272 | 0.0 | -91.77  | -90.049 | 0.0 |
| 57 | 16380 | 16381 | NS | 1 | 48.693 | 49.412 | 0.0 | 0.0   | 264.389 | 1.645 | 1035.904 | 1071.4   | 0.0 | -91.718 | -90.034 | 0.0 |
| 58 | 16380 | 16381 | SN | 1 | 48.734 | 49.425 | 0.0 | 0.003 | 6.353   | 2.546 | 1036.008 | 1075.272 | 0.0 | -92.181 | -90.049 | 0.0 |
| 59 | 16380 | 16381 | NS | 2 | 48.693 | 49.412 | 0.0 | 0.0   | 264.389 | 2.713 | 1035.904 | 1074.728 | 0.0 | -91.722 | -90.034 | 0.0 |
| 60 | 16380 | 16381 | NS | 1 | 48.693 | 49.412 | 0.0 | 0.0   | 264.389 | 2.714 | 1035.904 | 1074.736 | 0.0 | -91.722 | -90.034 | 0.0 |
| 61 | 16381 | 16382 | NS | 1 | 48.681 | 49.357 | 0.0 | 0.003 | 15.183  | 2.574 | 1035.696 | 1074.752 | 0.0 | -91.739 | -90.013 | 0.0 |
| 62 | 16381 | 16382 | NS | 2 | 48.681 | 49.422 | 0.0 | 0.003 | 15.188  | 2.574 | 1035.696 | 1074.752 | 0.0 | -92.126 | -90.013 | 0.0 |
| 63 | 16381 | 16382 | SN | 1 | 48.787 | 49.436 | 0.0 | 0.003 | 6.364   | 3.331 | 1038.32  | 1074.8   | 0.0 | -91.76  | -90.062 | 0.0 |
| 64 | 16381 | 16382 | NS | 1 | 48.681 | 49.357 | 0.0 | 0.003 | 15.183  | 1.576 | 1035.696 | 1068.784 | 0.0 | -92.601 | -90.013 | 0.0 |
| 65 | 16381 | 16382 | SN | 1 | 48.736 | 49.466 | 0.0 | 0.003 | 215.554 | 1.949 | 1037.552 | 1075.304 | 0.0 | -91.765 | -90.057 | 0.0 |
| 66 | 16381 | 16382 | SN | 2 | 48.736 | 49.466 | 0.0 | 0.003 | 215.554 | 3.31  | 1037.552 | 1075.304 | 0.0 | -91.765 | -90.057 | 0.0 |
| 67 | 16382 | 16383 | NS | 1 | 48.681 | 49.357 | 0.0 | 0.003 | 264.659 | 2.704 | 1035.64  | 1074.576 | 0.0 | -91.711 | -90.02  | 0.0 |
| 68 | 16382 | 16383 | SN | 2 | 48.744 | 49.466 | 0.0 | 0.003 | 6.37    | 2.732 | 1036.504 | 1075.104 | 0.0 | -91.813 | -90.004 | 0.0 |
| 69 | 16382 | 16383 | SN | 1 | 48.744 | 49.466 | 0.0 | 0.003 | 6.37    | 2.732 | 1036.504 | 1075.104 | 0.0 | -91.813 | -90.004 | 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  | 16382 | 16383 | SN | 1 | 48.744 | 49.466 | 0.0 | 0.003 | 6.37    | 2.428 | 1036.504 | 1075.104 | 0.0 | -91.813 | -90.004 | 0.0 |
| 71  | 16383 | 16384 | SN | 1 | 48.725 | 49.429 | 0.0 | 0.003 | 6.381   | 2.4   | 1036.296 | 1075.28  | 0.0 | -91.696 | -90.032 | 0.0 |
| 72  | 16383 | 16384 | SN | 1 | 48.725 | 49.429 | 0.0 | 0.003 | 6.381   | 2.535 | 1036.296 | 1075.28  | 0.0 | -91.696 | -90.032 | 0.0 |
| 73  | 16383 | 16384 | NS | 1 | 48.734 | 49.361 | 0.0 | 0.003 | 207.039 | 2.491 | 1035.648 | 1074.784 | 0.0 | -91.624 | -90.014 | 0.0 |
| 74  | 16383 | 16384 | NS | 1 | 48.734 | 49.361 | 0.0 | 0.003 | 207.039 | 2.489 | 1035.864 | 1074.776 | 0.0 | -91.652 | -90.014 | 0.0 |
| 75  | 16383 | 16384 | SN | 1 | 48.724 | 49.43  | 0.0 | 0.003 | 6.381   | 2.387 | 1036.288 | 1075.288 | 0.0 | -91.696 | -90.032 | 0.0 |
| 76  | 16384 | 16385 | SN | 2 | 48.748 | 49.442 | 0.0 | 0.003 | 6.381   | 2.495 | 1036.048 | 1075.312 | 0.0 | -91.834 | -90.046 | 0.0 |
| 77  | 16384 | 16385 | SN | 1 | 48.748 | 49.442 | 0.0 | 0.003 | 6.381   | 2.326 | 1036.048 | 1075.312 | 0.0 | -91.834 | -90.046 | 0.0 |
| 78  | 16384 | 16385 | NS | 1 | 48.718 | 49.358 | 0.0 | 0.003 | 267.246 | 2.567 | 1036.24  | 1074.84  | 0.0 | -91.778 | -90.024 | 0.0 |
| 79  | 16384 | 16385 | SN | 1 | 48.748 | 49.442 | 0.0 | 0.003 | 6.381   | 2.495 | 1036.048 | 1075.312 | 0.0 | -91.834 | -90.046 | 0.0 |
| 80  | 16384 | 16385 | NS | 1 | 48.718 | 49.358 | 0.0 | 0.003 | 267.246 | 2.566 | 1036.2   | 1074.84  | 0.0 | -92.072 | -90.024 | 0.0 |
| 81  | 16385 | 16386 | NS | 1 | 48.712 | 49.395 | 0.0 | 0.003 | 12.381  | 2.609 | 1036.512 | 1074.712 | 0.0 | -91.628 | -90.017 | 0.0 |
| 82  | 16385 | 16386 | SN | 1 | 48.737 | 49.408 | 0.0 | 0.003 | 6.364   | 2.527 | 1036.128 | 1075.184 | 0.0 | -92.128 | -90.031 | 0.0 |
| 83  | 16385 | 16386 | SN | 1 | 48.737 | 49.408 | 0.0 | 0.003 | 6.364   | 2.529 | 1036.112 | 1075.184 | 0.0 | -91.65  | -90.031 | 0.0 |
| 84  | 16385 | 16386 | SN | 1 | 48.737 | 49.408 | 0.0 | 0.003 | 6.364   | 2.261 | 1036.112 | 1075.184 | 0.0 | -91.722 | -90.031 | 0.0 |
| 85  | 16385 | 16386 | NS | 2 | 48.712 | 49.396 | 0.0 | 0.003 | 12.381  | 2.606 | 1036.512 | 1074.72  | 0.0 | -91.628 | -90.016 | 0.0 |
| 86  | 16386 | 16387 | NS | 1 | 48.674 | 49.381 | 0.0 | 0.003 | 97.257  | 2.703 | 1036.888 | 1074.64  | 0.0 | -91.67  | -90.03  | 0.0 |
| 87  | 16386 | 16387 | SN | 1 | 48.734 | 49.434 | 0.0 | 0.003 | 6.353   | 2.065 | 1036.96  | 1075.104 | 0.0 | -91.733 | -90.046 | 0.0 |
| 88  | 16386 | 16387 | NS | 2 | 48.674 | 49.377 | 0.0 | 0.003 | 97.252  | 2.702 | 1036.896 | 1074.632 | 0.0 | -91.67  | -90.03  | 0.0 |
| 89  | 16386 | 16387 | SN | 1 | 48.734 | 49.434 | 0.0 | 0.003 | 6.353   | 2.513 | 1036.96  | 1075.104 | 0.0 | -91.733 | -90.046 | 0.0 |
| 90  | 16386 | 16387 | SN | 1 | 48.746 | 49.445 | 0.0 | 0.003 | 6.353   | 2.511 | 1036.96  | 1075.104 | 0.0 | -91.704 | -90.046 | 0.0 |
| 91  | 16387 | 16388 | SN | 1 | 48.759 | 49.407 | 0.0 | 0.0   | 204.948 | 2.629 | 1036.112 | 1074.984 | 0.0 | -91.829 | -90.048 | 0.0 |
| 92  | 16387 | 16388 | NS | 1 | 48.686 | 49.423 | 0.0 | 0.003 | 210.193 | 2.66  | 1035.784 | 1074.512 | 0.0 | -91.737 | -90.032 | 0.0 |
| 93  | 16387 | 16388 | NS | 1 | 48.686 | 49.424 | 0.0 | 0.003 | 210.193 | 2.656 | 1035.784 | 1074.52  | 0.0 | -91.737 | -90.032 | 0.0 |
| 94  | 16387 | 16388 | SN | 1 | 48.759 | 49.407 | 0.0 | 0.0   | 204.948 | 1.928 | 1036.112 | 1074.984 | 0.0 | -91.829 | -90.048 | 0.0 |
| 95  | 16387 | 16388 | SN | 2 | 48.759 | 49.407 | 0.0 | 0.0   | 204.948 | 2.629 | 1036.112 | 1074.984 | 0.0 | -91.829 | -90.048 | 0.0 |
| 96  | 16388 | 16389 | SN | 1 | 48.778 | 49.459 | 0.0 | 0.003 | 215.659 | 2.661 | 1036.184 | 1075.048 | 0.0 | -91.804 | -90.018 | 0.0 |
| 97  | 16388 | 16389 | SN | 1 | 48.778 | 49.459 | 0.0 | 0.003 | 215.659 | 1.645 | 1036.184 | 1075.048 | 0.0 | -91.804 | -90.018 | 0.0 |
| 98  | 16388 | 16389 | NS | 1 | 48.711 | 49.401 | 0.0 | 0.003 | 42.81   | 2.545 | 1036.144 | 1074.544 | 0.0 | -91.79  | -90.035 | 0.0 |
| 99  | 16388 | 16389 | SN | 2 | 48.778 | 49.459 | 0.0 | 0.003 | 215.659 | 2.66  | 1036.184 | 1075.048 | 0.0 | -91.804 | -90.018 | 0.0 |
| 100 | 16388 | 16389 | NS | 1 | 48.711 | 49.402 | 0.0 | 0.003 | 41.911  | 2.544 | 1036.152 | 1074.544 | 0.0 | -91.798 | -90.035 | 0.0 |
| 101 | 16389 | 16390 | NS | 1 | 48.699 | 49.378 | 0.0 | 0.0   | 43.119  | 2.731 | 1035.552 | 1074.688 | 0.0 | -91.6   | -90.029 | 0.0 |
| 102 | 16389 | 16390 | NS | 1 | 48.699 | 49.378 | 0.0 | 0.0   | 210.8   | 2.745 | 1035.568 | 1074.688 | 0.0 | -91.732 | -90.029 | 0.0 |
| 103 | 16389 | 16390 | SN | 1 | 48.787 | 49.523 | 0.0 | 0.0   | 183.324 | 2.657 | 1036.744 | 1075.2   | 0.0 | -94.009 | -90.037 | 0.0 |
| 104 | 16389 | 16390 | SN | 2 | 48.787 | 49.523 | 0.0 | 0.0   | 183.324 | 2.657 | 1036.744 | 1075.2   | 0.0 | -94.009 | -90.037 | 0.0 |
| 105 | 16389 | 16390 | SN | 1 | 48.787 | 49.523 | 0.0 | 0.0   | 183.324 | 1.594 | 1036.744 | 1075.2   | 0.0 | -94.009 | -90.037 | 0.0 |
| 106 | 16390 | 16391 | NS | 1 | 48.714 | 49.404 | 0.0 | 0.003 | 41.773  | 2.64  | 1035.6   | 1074.696 | 0.0 | -91.841 | -90.021 | 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 | 16390 | 16391 | SN | 2 | 48.736 | 49.441 | 0.0 | 0.003 | 280.118 | 2.538 | 1036.496 | 1075.2   | 0.0 | -91.768 | -90.025 | 0.0 |
| 108 | 16390 | 16391 | NS | 1 | 48.721 | 49.404 | 0.0 | 0.003 | 41.773  | 2.654 | 1036.048 | 1074.696 | 0.0 | -91.809 | -90.021 | 0.0 |
| 109 | 16390 | 16391 | SN | 1 | 48.736 | 49.441 | 0.0 | 0.003 | 280.118 | 2.538 | 1036.496 | 1075.2   | 0.0 | -91.768 | -90.025 | 0.0 |
| 110 | 16391 | 16392 | NS | 2 | 48.724 | 49.359 | 0.0 | 0.003 | 266.452 | 2.72  | 1035.856 | 1074.568 | 0.0 | -91.668 | -90.018 | 0.0 |
| 111 | 16391 | 16392 | SN | 1 | 48.735 | 49.427 | 0.0 | 0.003 | 215.41  | 2.548 | 1036.44  | 1075.072 | 0.0 | -91.732 | -90.052 | 0.0 |
| 112 | 16391 | 16392 | NS | 1 | 48.724 | 49.359 | 0.0 | 0.003 | 266.452 | 2.72  | 1035.856 | 1074.568 | 0.0 | -91.668 | -90.018 | 0.0 |
| 113 | 16392 | 16393 | NS | 1 | 48.676 | 49.36  | 0.0 | 0.003 | 210.783 | 2.597 | 1035.976 | 1074.624 | 0.0 | -91.775 | -90.034 | 0.0 |
| 114 | 16392 | 16393 | SN | 1 | 48.791 | 49.41  | 0.0 | 0.003 | 278.585 | 2.64  | 1037.392 | 1075.128 | 0.0 | -91.722 | -90.016 | 0.0 |
| 115 | 16392 | 16393 | NS | 1 | 48.676 | 49.36  | 0.0 | 0.003 | 210.783 | 2.539 | 1035.976 | 1074.528 | 0.0 | -91.775 | -90.034 | 0.0 |
| 116 | 16392 | 16393 | SN | 1 | 48.791 | 49.411 | 0.0 | 0.003 | 278.568 | 2.638 | 1037.384 | 1075.136 | 0.0 | -91.801 | -90.016 | 0.0 |
| 117 | 16393 | 16394 | NS | 1 | 48.731 | 49.358 | 0.0 | 0.003 | 210.122 | 2.574 | 1035.784 | 1074.688 | 0.0 | -91.757 | -90.032 | 0.0 |
| 118 | 16393 | 16394 | NS | 1 | 48.731 | 49.358 | 0.0 | 0.003 | 210.122 | 2.202 | 1035.784 | 1073.728 | 0.0 | -91.822 | -90.032 | 0.0 |
| 119 | 16393 | 16394 | SN | 1 | 48.748 | 49.411 | 0.0 | 0.003 | 281.094 | 2.578 | 1036.384 | 1075.216 | 0.0 | -91.709 | -90.028 | 0.0 |
| 120 | 16393 | 16394 | SN | 2 | 48.748 | 49.411 | 0.0 | 0.003 | 281.094 | 2.581 | 1036.384 | 1075.216 | 0.0 | -91.709 | -90.028 | 0.0 |
| 121 | 16393 | 16394 | NS | 2 | 48.731 | 49.358 | 0.0 | 0.003 | 210.122 | 2.574 | 1035.784 | 1074.672 | 0.0 | -91.757 | -90.032 | 0.0 |
| 122 | 16394 | 16395 | SN | 2 | 48.733 | 49.412 | 0.0 | 0.003 | 6.364   | 2.582 | 1036.52  | 1075.28  | 0.0 | -91.759 | -90.052 | 0.0 |
| 123 | 16394 | 16395 | NS | 1 | 48.674 | 49.357 | 0.0 | 0.0   | 49.514  | 2.735 | 1035.312 | 1074.768 | 0.0 | -91.806 | -90.03  | 0.0 |
| 124 | 16394 | 16395 | NS | 1 | 48.689 | 49.421 | 0.0 | 0.0   | 49.514  | 1.825 | 1035.312 | 1071.984 | 0.0 | -91.833 | -90.03  | 0.0 |
| 125 | 16394 | 16395 | NS | 1 | 48.689 | 49.421 | 0.0 | 0.0   | 49.514  | 2.734 | 1035.312 | 1074.768 | 0.0 | -91.84  | -90.03  | 0.0 |
| 126 | 16394 | 16395 | SN | 1 | 48.734 | 49.411 | 0.0 | 0.003 | 6.364   | 2.586 | 1036.536 | 1075.264 | 0.0 | -91.758 | -90.052 | 0.0 |
| 127 | 16395 | 16396 | NS | 1 | 48.686 | 49.415 | 0.0 | 0.003 | 14.89   | 1.534 | 1035.032 | 1070.288 | 0.0 | -91.724 | -90.029 | 0.0 |
| 128 | 16395 | 16396 | SN | 1 | 48.758 | 49.427 | 0.0 | 0.003 | 6.364   | 1.512 | 1036.416 | 1075.376 | 0.0 | -91.652 | -90.053 | 0.0 |
| 129 | 16395 | 16396 | NS | 1 | 48.686 | 49.415 | 0.0 | 0.003 | 14.89   | 2.585 | 1035.032 | 1074.848 | 0.0 | -91.684 | -90.029 | 0.0 |
| 130 | 16395 | 16396 | NS | 1 | 48.686 | 49.42  | 0.0 | 0.003 | 14.89   | 2.586 | 1035.104 | 1074.832 | 0.0 | -91.724 | -90.029 | 0.0 |
| 131 | 16395 | 16396 | SN | 1 | 48.758 | 49.427 | 0.0 | 0.003 | 6.364   | 2.648 | 1036.416 | 1075.376 | 0.0 | -91.662 | -90.053 | 0.0 |
| 132 | 16395 | 16396 | SN | 1 | 48.758 | 49.427 | 0.0 | 0.003 | 6.364   | 2.65  | 1036.416 | 1075.376 | 0.0 | -91.715 | -90.053 | 0.0 |
| 133 | 16396 | 16397 | NS | 1 | 48.689 | 49.356 | 0.0 | 0.0   | 51.052  | 2.841 | 1035.192 | 1074.768 | 0.0 | -91.845 | -90.029 | 0.0 |
| 134 | 16396 | 16397 | NS | 2 | 48.688 | 49.357 | 0.0 | 0.0   | 51.052  | 2.841 | 1035.176 | 1074.792 | 0.0 | -91.845 | -90.029 | 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     | 16367       | 16368     | SN      | 1    | -34.102 | 26.534   | 0.066      | -34.136 | 26.403   | 0.373      | -33.175 | 28.58     | 7.453      | -19.302 | 30.656  | 7.64       | 0.116 | 249.293  | 2.806      | 0.116 | 251.226  | 2.4        | 0.116 | 201.418   | 0.029      | 0.116 | 8.34   | 0.019      |
| 2     | 16367       | 16368     | SN      | 1    | -33.978 | 26.534   | 0.399      | -34.136 | 26.403   | 1.727      | -33.175 | 28.58     | 7.594      | -19.302 | 30.656  | 7.642      | 0.116 | 242.242  | 2.671      | 0.116 | 251.226  | 2.159      | 0.116 | 201.418   | 0.029      | 0.116 | 8.34   | 0.019      |
| 3     | 16367       | 16368     | SN      | 2    | -34.102 | 26.534   | 0.399      | -34.136 | 26.403   | 1.726      | -33.175 | 28.58     | 7.594      | -19.302 | 30.656  | 7.642      | 0.116 | 249.293  | 2.669      | 0.116 | 251.226  | 2.158      | 0.116 | 201.418   | 0.029      | 0.116 | 8.34   | 0.019      |
| 4     | 16368       | 16369     | NS      | 1    | -34.837 | 25.02    | 0.186      | -34.345 | 26.182   | 0.031      | 2.972   | 32.237    | 7.257      | 4.336   | 35.753  | 18.029     | 0.116 | 295.149  | 3.756      | 0.116 | 263.63   | 3.368      | 0.116 | 0.156     | 0.0        | 0.116 | 0.145  | 0.0        |
| 5     | 16368       | 16369     | SN      | 1    | -34.499 | 26.988   | 0.204      | -34.88  | 27.727   | 1.119      | -1.032  | 33.595    | 8.783      | 1.518   | 29.208  | 5.406      | 0.116 | 273.188  | 3.646      | 0.116 | 298.122  | 2.998      | 0.116 | 0.224     | 0.0        | 0.116 | 0.174  | 0.0        |
| 6     | 16368       | 16369     | SN      | 1    | -34.789 | 26.988   | 0.103      | -34.787 | 27.727   | 1.14       | -1.03   | 33.595    | 8.786      | 1.518   | 29.208  | 5.407      | 0.116 | 291.949  | 3.746      | 0.116 | 291.818  | 3.077      | 0.116 | 0.224     | 0.0        | 0.116 | 0.174  | 0.0        |
| 7     | 16368       | 16369     | SN      | 1    | -34.789 | 26.988   | 0.207      | -34.787 | 27.727   | 1.121      | -1.03   | 33.595    | 8.786      | 1.518   | 29.208  | 5.407      | 0.116 | 291.949  | 3.65       | 0.116 | 291.818  | 3.004      | 0.116 | 0.224     | 0.0        | 0.116 | 0.174  | 0.0        |
| 8     | 16369       | 16370     | SN      | 1    | -34.577 | 23.295   | 0.053      | -34.639 | 24.081   | 0.251      | -3.841  | 28.071    | 9.826      | -2.167  | 29.585  | 5.453      | 0.116 | 278.008  | 2.703      | 0.116 | 282.086  | 2.237      | 0.116 | 0.332     | 0.0        | 0.116 | 0.259  | 0.0        |
| 9     | 16369       | 16370     | SN      | 1    | -34.538 | 23.295   | 0.053      | -34.677 | 24.086   | 0.252      | -3.841  | 28.071    | 9.826      | -2.17   | 29.587  | 5.453      | 0.116 | 275.622  | 2.713      | 0.116 | 284.522  | 2.239      | 0.116 | 0.332     | 0.0        | 0.116 | 0.26   | 0.0        |
| 10    | 16369       | 16370     | NS      | 2    | -34.52  | 23.45    | 0.061      | -34.298 | 23.02    | 0.004      | -3.988  | 29.284    | 7.984      | -8.655  | 29.512  | 15.7       | 0.116 | 274.374  | 2.165      | 0.116 | 260.821  | 1.777      | 0.116 | 0.34      | 0.0        | 0.116 | 0.803  | 0.0        |
| 11    | 16369       | 16370     | NS      | 1    | -34.52  | 23.473   | 0.062      | -34.298 | 23.02    | 0.004      | -3.988  | 29.284    | 7.984      | -8.655  | 29.512  | 15.7       | 0.116 | 274.374  | 2.165      | 0.116 | 260.821  | 1.778      | 0.116 | 0.34      | 0.0        | 0.116 | 0.803  | 0.0        |
| 12    | 16369       | 16370     | SN      | 1    | -34.577 | 23.295   | 0.066      | -34.639 | 24.081   | 0.247      | -3.841  | 28.071    | 9.826      | -2.167  | 29.585  | 5.453      | 0.116 | 278.008  | 2.656      | 0.116 | 282.086  | 2.204      | 0.116 | 0.332     | 0.0        | 0.116 | 0.259  | 0.0        |
| 13    | 16370       | 16371     | SN      | 1    | -34.858 | 21.734   | 0.0        | -34.683 | 22.401   | 0.004      | 6.836   | 26.808    | 9.458      | 7.014   | 28.16   | 3.232      | 0.116 | 296.689  | 3.467      | 0.116 | 284.923  | 2.805      | 0.116 | 0.132     | 0.0        | 0.116 | 0.131  | 0.0        |
| 14    | 16370       | 16371     | SN      | 1    | -34.858 | 21.445   | 0.0        | -34.683 | 22.398   | 0.005      | 6.836   | 26.808    | 9.482      | 7.014   | 26.921  | 3.176      | 0.116 | 296.689  | 3.533      | 0.116 | 284.923  | 2.85       | 0.116 | 0.132     | 0.0        | 0.116 | 0.131  | 0.0        |
| 15    | 16370       | 16371     | NS      | 1    | -34.854 | 22.422   | 0.002      | -34.767 | 24.248   | 0.003      | -5.077  | 28.564    | 6.68       | -3.94   | 29.073  | 12.708     | 0.116 | 296.336  | 7.65       | 0.116 | 290.548  | 7.077      | 0.116 | 0.408     | 0.0        | 0.116 | 0.337  | 0.0        |
| 16    | 16370       | 16371     | SN      | 2    | -34.858 | 21.734   | 0.0        | -34.683 | 22.401   | 0.004      | 6.836   | 26.808    | 9.458      | 7.014   | 28.16   | 3.232      | 0.116 | 296.689  | 3.467      | 0.116 | 284.923  | 2.805      | 0.116 | 0.132     | 0.0        | 0.116 | 0.131  | 0.0        |
| 17    | 16370       | 16371     | NS      | 1    | -34.854 | 22.415   | 0.002      | -34.767 | 24.248   | 0.003      | -5.077  | 28.564    | 6.671      | -3.94   | 29.075  | 12.796     | 0.116 | 296.336  | 7.643      | 0.116 | 290.548  | 7.077      | 0.116 | 0.408     | 0.0        | 0.116 | 0.337  | 0.0        |
| 18    | 16371       | 16372     | SN      | 2    | -34.844 | 21.525   | 0.0        | -34.977 | 22.59    | 0.018      | 5.812   | 27.357    | 13.617     | 6.668   | 27.542  | 15.365     | 0.116 | 295.722  | 3.284      | 0.116 | 304.878  | 2.784      | 0.116 | 0.136     | 0.0        | 0.116 | 0.132  | 0.0        |
| 19    | 16371       | 16372     | SN      | 1    | -34.844 | 21.525   | 0.0        | -34.977 | 22.59    | 0.018      | 5.812   | 27.357    | 13.616     | 6.668   | 27.542  | 15.365     | 0.116 | 295.722  | 3.284      | 0.116 | 304.878  | 2.785      | 0.116 | 0.136     | 0.0        | 0.116 | 0.132  | 0.0        |
| 20    | 16371       | 16372     | SN      | 1    | -34.844 | 21.516   | 0.0        | -34.977 | 22.59    | 0.008      | 5.812   | 27.357    | 13.71      | 6.668   | 27.542  | 15.929     | 0.116 | 295.722  | 3.381      | 0.116 | 304.878  | 2.85       | 0.116 | 0.136     | 0.0        | 0.116 | 0.132  | 0.0        |
| 21    | 16371       | 16372     | NS      | 1    | -33.006 | 21.364   | 0.0        | -33.252 | 24.94    | 0.002      | -22.092 | 29.126    | 3.769      | -29.891 | 29.935  | 8.515      | 0.116 | 193.741  | 0.92       | 0.116 | 205.01   | 0.971      | 0.116 | 15.779    | 0.011      | 0.116 | 94.584 | 0.017      |
| 22    | 16371       | 16372     | NS      | 1    | -33.006 | 21.364   | 0.0        | -33.252 | 24.94    | 0.002      | -22.092 | 29.126    | 3.768      | -29.891 | 29.935  | 8.53       | 0.116 | 193.741  | 0.919      | 0.116 | 205.01   | 0.97       | 0.116 | 15.779    | 0.011      | 0.116 | 94.584 | 0.017      |
| 23    | 16372       | 16373     | SN      | 2    | -34.96  | 21.819   | 0.0        | -34.923 | 22.863   | 0.043      | 5.181   | 27.192    | 13.219     | 8.493   | 27.967  | 14.632     | 0.116 | 303.674  | 4.971      | 0.116 | 301.192  | 4.048      | 0.116 | 0.14      | 0.0        | 0.116 | 0.127  | 0.0        |
| 24    | 16372       | 16373     | NS      | 1    | -34.215 | 22.919   | 0.027      | -34.906 | 22.986   | 0.05       | -5.433  | 27.788    | 4.774      | -5.646  | 29.212  | 9.466      | 0.116 | 255.838  | 3.254      | 0.116 | 299.981  | 2.806      | 0.116 | 0.434     | 0.0        | 0.116 | 0.451  | 0.0        |
| 25    | 16372       | 16373     | SN      | 1    | -34.96  | 21.819   | 0.0        | -34.923 | 22.863   | 0.043      | 5.181   | 27.192    | 13.219     | 8.493   | 27.967  | 14.632     | 0.116 | 303.674  | 4.971      | 0.116 | 301.192  | 4.048      | 0.116 | 0.14      | 0.0        | 0.116 | 0.127  | 0.0        |
| 26    | 16372       | 16373     | NS      | 1    | -34.891 | 22.919   | 0.027      | -34.994 | 22.986   | 0.05       | -5.431  | 27.788    | 4.782      | -5.649  | 29.212  | 9.474      | 0.116 | 298.853  | 3.254      | 0.116 | 306.117  | 2.795      | 0.116 | 0.434     | 0.0        | 0.116 | 0.451  | 0.0        |
| 27    | 16372       | 16373     | SN      | 1    | -34.875 | 21.819   | 0.0        | -34.923 | 22.604   | 0.003      | 5.181   | 27.192    | 13.824     | 8.493   | 27.967  | 14.931     | 0.116 | 297.849  | 5.144      | 0.116 | 301.192  | 4.224      | 0.116 | 0.14      | 0.0        | 0.116 | 0.127  | 0.0        |
| 28    | 16373       | 16374     | SN      | 2    | -34.622 | 22.022   | 0.001      | -34.94  | 24.034   | 0.246      | 1.623   | 29.471    | 8.67       | -2.097  | 28.748  | 8.608      | 0.116 | 280.943  | 7.968      | 0.116 | 302.345  | 6.228      | 0.116 | 0.172     | 0.0        | 0.116 | 0.257  | 0.0        |
| 29    | 16373       | 16374     | SN      | 1    | -34.622 | 21.798   | 0.0        | -34.94  | 22.707   | 0.026      | 1.623   | 29.471    | 9.173      | -2.097  | 28.748  | 8.598      | 0.116 | 280.943  | 8.388      | 0.116 | 302.345  | 6.721      | 0.116 | 0.172     | 0.0        | 0.116 | 0.257  | 0.0        |
| 30    | 16373       | 16374     | NS      | 1    | -34.956 | 27.012   | 0.101      | -34.66  | 27.484   | 0.261      | -7.022  | 28.525    | 8.479      | -10.413 | 29.65   | 13.414     | 0.116 | 324.941  | 5.479      | 0.116 | 283.492  | 4.723      | 0.116 | 0.582     | 0.0        | 0.116 | 1.157  | 0.003      |
| 31    | 16373       | 16374     | SN      | 1    | -34.622 | 22.022   | 0.001      | -34.94  | 24.034   | 0.246      | 1.623   | 29.471    | 8.671      | -2.097  | 28.748  | 8.608      | 0.116 | 280.943  | 7.968      | 0.116 | 302.345  | 6.227      | 0.116 | 0.172     | 0.0        | 0.116 | 0.257  | 0.0        |
| 32    | 16373       | 16374     | NS      | 1    | -34.781 | 27.014   | 0.1        | -34.917 | 27.484   | 0.261      | -7.022  | 28.525    | 8.457      | -10.406 | 29.65   | 13.397     | 0.116 | 312.156  | 5.487      | 0.116 | 300.693  | 4.724      | 0.116 | 0.582     | 0.0        | 0.116 | 1.155  | 0.003      |
| 33    | 16374       | 16375     | NS      | 1    | -34.821 | 26.483   | 0.095      | -34.738 | 28.15    | 0.183      | 6.547   | 30.27     | 9.693      | 3.985   | 28.742  | 15.46      | 0.116 | 294.184  | 4.564      | 0.116 | 288.548  | 4.436      | 0.116 | 0.133     | 0.0        | 0.116 | 0.148  | 0.0        |

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

- Normal
- Deviations
- Alarming
- High Errors

|    |       |       |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |        |       |       |       |       |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 34 | 16374 | 16375 | SN | 1 | -34.943 | 21.785 | 0.0   | -34.461 | 22.619 | 0.007 | -2.472  | 33.969 | 10.69  | 5.422   | 32.098 | 11.165 | 0.116 | 302.574 | 6.667 | 0.116 | 270.759 | 5.815 | 0.116 | 0.27   | 0.0   | 0.116 | 0.138 | 0.0   |
| 35 | 16374 | 16375 | SN | 1 | -34.943 | 21.785 | 0.0   | -34.461 | 24.121 | 0.516 | -2.484  | 33.969 | 10.098 | 5.422   | 32.098 | 11.168 | 0.116 | 302.574 | 6.143 | 0.116 | 270.759 | 5.012 | 0.116 | 0.271  | 0.0   | 0.116 | 0.138 | 0.0   |
| 36 | 16374 | 16375 | SN | 1 | -34.953 | 21.785 | 0.0   | -34.461 | 24.121 | 0.515 | -2.453  | 33.969 | 10.074 | 5.422   | 32.098 | 11.141 | 0.116 | 303.202 | 6.157 | 0.116 | 270.759 | 5.007 | 0.116 | 0.27   | 0.0   | 0.116 | 0.138 | 0.0   |
| 37 | 16375 | 16376 | NS | 1 | -34.923 | 26.211 | 0.072 | -34.973 | 23.208 | 0.075 | -3.44   | 29.536 | 15.083 | -2.153  | 30.286 | 29.29  | 0.116 | 301.139 | 3.824 | 0.116 | 304.567 | 3.802 | 0.116 | 0.312  | 0.0   | 0.116 | 0.259 | 0.0   |
| 38 | 16375 | 16376 | SN | 1 | -34.734 | 23.849 | 0.006 | -34.962 | 24.191 | 0.593 | -25.623 | 28.399 | 14.269 | -9.023  | 29.336 | 15.151 | 0.116 | 288.298 | 4.86  | 0.116 | 303.866 | 3.537 | 0.116 | 35.451 | 0.006 | 0.116 | 0.866 | 0.0   |
| 39 | 16375 | 16376 | NS | 2 | -34.923 | 26.224 | 0.073 | -34.973 | 23.255 | 0.074 | -3.44   | 29.536 | 15.085 | -2.153  | 30.286 | 29.29  | 0.116 | 301.139 | 3.823 | 0.116 | 304.567 | 3.799 | 0.116 | 0.312  | 0.0   | 0.116 | 0.259 | 0.0   |
| 40 | 16376 | 16377 | SN | 1 | -34.786 | 25.93  | 0.054 | -34.956 | 25.926 | 0.579 | -4.956  | 30.303 | 14.093 | -9.231  | 29.126 | 12.761 | 0.116 | 291.698 | 2.552 | 0.116 | 303.418 | 1.726 | 0.116 | 0.399  | 0.0   | 0.116 | 0.904 | 0.0   |
| 41 | 16376 | 16377 | NS | 1 | -34.283 | 28.173 | 0.131 | -34.379 | 27.405 | 0.057 | -14.139 | 32.695 | 12.881 | -13.206 | 29.709 | 23.757 | 0.116 | 259.866 | 3.224 | 0.116 | 265.69  | 2.662 | 0.116 | 2.603  | 0.008 | 0.116 | 2.118 | 0.002 |
| 42 | 16377 | 16378 | NS | 1 | -34.957 | 29.065 | 0.248 | -34.388 | 28.31  | 0.21  | 0.85    | 28.439 | 14.068 | 2.417   | 35.317 | 21.273 | 0.116 | 303.481 | 2.691 | 0.116 | 266.192 | 2.502 | 0.116 | 0.184  | 0.0   | 0.116 | 0.162 | 0.0   |
| 43 | 16377 | 16378 | SN | 1 | -34.946 | 25.973 | 0.158 | -34.824 | 26.638 | 0.741 | -19.835 | 29.509 | 13.829 | -13.321 | 29.984 | 15.16  | 0.116 | 302.776 | 6.13  | 0.116 | 294.35  | 6.447 | 0.116 | 9.42   | 0.018 | 0.116 | 2.172 | 0.004 |
| 44 | 16377 | 16378 | SN | 1 | -34.111 | 25.974 | 0.149 | -34.835 | 26.638 | 0.712 | -20.488 | 29.506 | 14.241 | -13.228 | 29.992 | 15.127 | 0.116 | 249.749 | 6.114 | 0.116 | 295.126 | 6.279 | 0.116 | 10.933 | 0.017 | 0.116 | 2.128 | 0.004 |
| 45 | 16377 | 16378 | NS | 1 | -34.957 | 29.065 | 0.249 | -34.909 | 28.31  | 0.21  | 0.85    | 28.439 | 14.068 | 2.417   | 35.317 | 21.275 | 0.116 | 303.481 | 2.698 | 0.116 | 300.134 | 2.505 | 0.116 | 0.184  | 0.0   | 0.116 | 0.162 | 0.0   |
| 46 | 16378 | 16379 | NS | 1 | -33.961 | 24.828 | 0.349 | -34.018 | 26.581 | 0.203 | -7.034  | 29.202 | 22.459 | -5.343  | 29.472 | 33.534 | 0.116 | 241.344 | 2.062 | 0.116 | 244.552 | 1.919 | 0.116 | 0.583  | 0.0   | 0.116 | 0.427 | 0.0   |
| 47 | 16378 | 16379 | NS | 1 | -33.961 | 24.828 | 0.349 | -34.018 | 26.581 | 0.203 | -7.034  | 29.202 | 19.178 | -5.343  | 29.492 | 30.763 | 0.116 | 241.344 | 2.064 | 0.116 | 244.552 | 1.919 | 0.116 | 0.583  | 0.0   | 0.116 | 0.427 | 0.0   |
| 48 | 16378 | 16379 | NS | 1 | -34.21  | 24.828 | 0.349 | -34.454 | 26.581 | 0.202 | -7.034  | 29.202 | 22.464 | -5.343  | 29.472 | 33.534 | 0.116 | 255.565 | 2.06  | 0.116 | 270.308 | 1.917 | 0.116 | 0.583  | 0.0   | 0.116 | 0.427 | 0.0   |
| 49 | 16378 | 16379 | SN | 1 | -34.145 | 24.833 | 0.382 | -33.362 | 23.999 | 1.286 | -9.44   | 29.339 | 13.059 | -9.534  | 29.598 | 13.159 | 0.116 | 251.774 | 3.537 | 0.116 | 210.239 | 2.919 | 0.116 | 0.943  | 0.0   | 0.116 | 0.962 | 0.0   |
| 50 | 16378 | 16379 | SN | 1 | -33.962 | 24.833 | 0.379 | -34.963 | 23.993 | 1.292 | -9.44   | 29.339 | 13.077 | -9.534  | 29.598 | 13.199 | 0.116 | 241.409 | 3.531 | 0.116 | 303.943 | 2.919 | 0.116 | 0.943  | 0.0   | 0.116 | 0.962 | 0.0   |
| 51 | 16379 | 16380 | SN | 1 | -34.366 | 23.719 | 0.047 | -33.667 | 24.746 | 1.002 | -14.661 | 29.893 | 22.856 | -8.106  | 29.902 | 25.45  | 0.116 | 264.872 | 3.108 | 0.116 | 225.521 | 2.672 | 0.116 | 2.924  | 0.002 | 0.116 | 0.719 | 0.0   |
| 52 | 16379 | 16380 | NS | 1 | -34.207 | 24.99  | 0.7   | -33.311 | 26.121 | 0.389 | 6.838   | 28.46  | 10.804 | 10.882  | 28.94  | 28.112 | 0.116 | 255.324 | 1.886 | 0.116 | 207.792 | 1.915 | 0.116 | 0.132  | 0.0   | 0.116 | 0.122 | 0.0   |
| 53 | 16379 | 16380 | SN | 1 | -34.366 | 23.719 | 0.047 | -33.667 | 24.746 | 0.994 | -14.661 | 29.896 | 22.795 | -8.106  | 29.902 | 25.441 | 0.116 | 264.872 | 3.094 | 0.116 | 225.521 | 2.672 | 0.116 | 2.924  | 0.002 | 0.116 | 0.719 | 0.0   |
| 54 | 16379 | 16380 | NS | 1 | -34.752 | 24.99  | 0.699 | -33.311 | 26.121 | 0.389 | 6.838   | 28.46  | 21.976 | 10.882  | 28.938 | 33.247 | 0.116 | 289.424 | 1.885 | 0.116 | 207.792 | 1.914 | 0.116 | 0.132  | 0.0   | 0.116 | 0.122 | 0.0   |
| 55 | 16379 | 16380 | NS | 2 | -34.752 | 24.99  | 0.699 | -33.311 | 26.121 | 0.389 | 6.838   | 28.46  | 21.976 | 10.882  | 28.938 | 33.247 | 0.116 | 289.424 | 1.885 | 0.116 | 207.792 | 1.914 | 0.116 | 0.132  | 0.0   | 0.116 | 0.122 | 0.0   |
| 56 | 16380 | 16381 | SN | 1 | -34.914 | 23.717 | 0.116 | -34.786 | 24.93  | 0.999 | 7.438   | 29.24  | 39.156 | 8.835   | 30.365 | 51.811 | 0.116 | 300.479 | 3.509 | 0.116 | 291.707 | 3.423 | 0.116 | 0.13   | 0.0   | 0.116 | 0.126 | 0.0   |
| 57 | 16380 | 16381 | NS | 1 | -34.731 | 24.652 | 0.598 | -34.86  | 23.385 | 0.055 | 4.149   | 28.196 | 4.525  | 8.305   | 28.583 | 12.982 | 0.116 | 288.146 | 3.937 | 0.116 | 296.822 | 3.137 | 0.116 | 0.146  | 0.0   | 0.116 | 0.127 | 0.0   |
| 58 | 16380 | 16381 | SN | 1 | -34.996 | 23.717 | 0.116 | -34.954 | 24.93  | 0.998 | 7.438   | 29.24  | 39.152 | 8.835   | 30.365 | 51.811 | 0.116 | 306.225 | 3.509 | 0.116 | 303.276 | 3.424 | 0.116 | 0.13   | 0.0   | 0.116 | 0.126 | 0.0   |
| 59 | 16380 | 16381 | NS | 2 | -34.731 | 24.652 | 0.6   | -34.518 | 23.485 | 0.055 | 4.149   | 28.406 | 25.803 | 8.258   | 28.816 | 36.59  | 0.116 | 288.146 | 3.938 | 0.116 | 274.328 | 3.139 | 0.116 | 0.146  | 0.0   | 0.116 | 0.127 | 0.0   |
| 60 | 16380 | 16381 | NS | 1 | -34.731 | 24.652 | 0.6   | -34.518 | 23.485 | 0.055 | 4.149   | 28.406 | 25.803 | 8.258   | 28.816 | 36.59  | 0.116 | 288.146 | 3.938 | 0.116 | 274.328 | 3.139 | 0.116 | 0.146  | 0.0   | 0.116 | 0.127 | 0.0   |
| 61 | 16381 | 16382 | NS | 1 | -34.796 | 25.682 | 0.483 | -34.362 | 24.1   | 0.024 | 6.7     | 28.493 | 13.346 | 5.712   | 28.846 | 22.82  | 0.116 | 292.434 | 5.486 | 0.116 | 264.629 | 5.136 | 0.116 | 0.132  | 0.0   | 0.116 | 0.137 | 0.0   |
| 62 | 16381 | 16382 | NS | 2 | -34.928 | 25.684 | 0.483 | -34.362 | 24.1   | 0.024 | 6.7     | 28.493 | 13.348 | 5.713   | 28.846 | 22.812 | 0.116 | 301.515 | 5.487 | 0.116 | 264.629 | 5.135 | 0.116 | 0.132  | 0.0   | 0.116 | 0.137 | 0.0   |
| 63 | 16381 | 16382 | SN | 1 | -34.753 | 22.306 | 0.001 | -34.321 | 22.747 | 0.007 | 6.131   | 28.043 | 15.093 | -1.93   | 28.628 | 9.545  | 0.116 | 289.576 | 5.278 | 0.116 | 262.172 | 4.246 | 0.116 | 0.135  | 0.0   | 0.116 | 0.251 | 0.0   |
| 64 | 16381 | 16382 | NS | 1 | -34.566 | 25.682 | 0.507 | -34.362 | 24.106 | 0.023 | 6.7     | 27.104 | 3.267  | 5.613   | 25.37  | 6.329  | 0.116 | 277.326 | 5.505 | 0.116 | 264.629 | 5.173 | 0.116 | 0.132  | 0.0   | 0.116 | 0.137 | 0.0   |
| 65 | 16381 | 16382 | SN | 1 | -34.897 | 22.306 | 0.001 | -34.855 | 22.747 | 0.007 | 6.122   | 28.044 | 15.108 | -1.935  | 28.629 | 9.556  | 0.116 | 299.342 | 5.281 | 0.116 | 296.438 | 4.252 | 0.116 | 0.135  | 0.0   | 0.116 | 0.251 | 0.0   |
| 66 | 16381 | 16382 | SN | 2 | -34.934 | 22.306 | 0.001 | -34.855 | 22.747 | 0.007 | 6.122   | 28.044 | 15.108 | -1.933  | 28.629 | 9.556  | 0.116 | 301.854 | 5.285 | 0.116 | 296.438 | 4.239 | 0.116 | 0.135  | 0.0   | 0.116 | 0.251 | 0.0   |
| 67 | 16382 | 16383 | NS | 1 | -33.195 | 25.724 | 0.241 | -34.888 | 25.349 | 0.022 | 4.719   | 31.431 | 10.362 | 6.863   | 30.926 | 21.309 | 0.116 | 202.282 | 3.242 | 0.116 | 298.712 | 2.839 | 0.116 | 0.142  | 0.0   | 0.116 | 0.132 | 0.0   |
| 68 | 16382 | 16383 | SN | 2 | -34.756 | 26.697 | 0.415 | -34.902 | 27.586 | 1.79  | -7.428  | 36.383 | 8.788  | -7.575  | 30.058 | 11.011 | 0.116 | 289.762 | 3.809 | 0.116 | 299.676 | 2.638 | 0.116 | 0.629  | 0.0   | 0.116 | 0.648 | 0.0   |
| 69 | 16382 | 16383 | SN | 1 | -34.756 | 26.697 | 0.415 | -34.902 | 27.586 | 1.79  | -7.428  | 36.383 | 8.788  | -7.575  | 30.058 | 11.011 | 0.116 | 289.762 | 3.809 | 0.116 | 299.676 | 2.638 | 0.116 | 0.629  | 0.0   | 0.116 | 0.648 | 0.0   |
| 70 | 16382 | 16383 | SN | 1 | -34.473 | 26.697 | 0.109 | -33.91  | 27.586 | 1.655 | -7.428  | 36.383 | 8.787  | -7.575  | 30.058 | 11.012 | 0.116 | 271.506 | 4.027 | 0.116 | 238.526 | 2.79  | 0.116 | 0.629  | 0.0   | 0.116 | 0.648 | 0.0   |
| 71 | 16383 | 16384 | SN | 1 | -34.498 | 23.014 | 0.07  | -34.354 | 24.18  | 0.629 | -24.199 | 30.25  | 7.845  | -15.846 | 28.527 | 4.055  | 0.116 | 273.076 | 2.367 | 0.116 | 264.184 | 2.28  | 0.116 | 25.573 | 0.01  | 0.116 | 3.813 | 0.007 |
| 72 | 16383 | 16384 | SN | 1 | -34.498 | 23.408 | 0.162 | -34.354 | 24.18  | 0.618 | -24.199 | 30.25  | 7.845  | -15.846 | 28.527 | 4.055  | 0.116 | 273.076 | 2.322 | 0.116 | 264.184 | 2.238 | 0.116 | 25.573 | 0.01  | 0.116 | 3.813 | 0.007 |

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

Normal

Deviations

Alarming

High Errors



|     |       |       |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |        |       |       |        |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73  | 16383 | 16384 | NS | 1 | -34.317 | 24.627 | 0.119 | -34.328 | 25.682 | 0.031 | -20.083 | 33.307 | 6.723  | -12.056 | 32.41  | 16.127 | 0.116 | 261.879 | 1.625 | 0.116 | 262.568 | 1.649 | 0.116 | 9.965  | 0.002 | 0.116 | 1.646  | 0.002 |
| 74  | 16383 | 16384 | NS | 1 | -34.971 | 24.624 | 0.119 | -34.51  | 25.68  | 0.031 | -20.084 | 33.307 | 6.705  | -12.056 | 32.41  | 16.096 | 0.116 | 304.458 | 1.622 | 0.116 | 273.877 | 1.649 | 0.116 | 9.968  | 0.002 | 0.116 | 1.646  | 0.002 |
| 75  | 16383 | 16384 | SN | 1 | -34.663 | 23.014 | 0.07  | -34.354 | 24.182 | 0.617 | -24.418 | 30.25  | 7.845  | -15.846 | 28.527 | 4.055  | 0.116 | 283.691 | 2.369 | 0.116 | 264.184 | 2.284 | 0.116 | 26.886 | 0.01  | 0.116 | 3.813  | 0.007 |
| 76  | 16384 | 16385 | SN | 2 | -33.395 | 22.673 | 0.014 | -34.903 | 22.721 | 0.028 | 4.711   | 27.141 | 12.23  | 6.546   | 27.08  | 6.525  | 0.116 | 211.849 | 2.865 | 0.116 | 299.793 | 2.29  | 0.116 | 0.142  | 0.0   | 0.116 | 0.133  | 0.0   |
| 77  | 16384 | 16385 | SN | 1 | -33.395 | 22.348 | 0.01  | -34.903 | 22.721 | 0.029 | 4.711   | 27.141 | 12.254 | 6.546   | 27.08  | 6.53   | 0.116 | 211.849 | 2.911 | 0.116 | 299.793 | 2.324 | 0.116 | 0.142  | 0.0   | 0.116 | 0.133  | 0.0   |
| 78  | 16384 | 16385 | NS | 1 | -34.929 | 22.5   | 0.01  | -34.812 | 23.357 | 0.001 | -16.472 | 28.225 | 7.536  | -9.356  | 28.881 | 14.21  | 0.116 | 301.531 | 5.575 | 0.116 | 293.53  | 4.774 | 0.116 | 4.39   | 0.004 | 0.116 | 0.927  | 0.0   |
| 79  | 16384 | 16385 | SN | 1 | -33.395 | 22.673 | 0.014 | -34.903 | 22.721 | 0.028 | 4.711   | 27.141 | 12.23  | 6.546   | 27.08  | 6.525  | 0.116 | 211.849 | 2.865 | 0.116 | 299.793 | 2.29  | 0.116 | 0.142  | 0.0   | 0.116 | 0.133  | 0.0   |
| 80  | 16384 | 16385 | NS | 1 | -34.903 | 22.5   | 0.01  | -34.939 | 23.357 | 0.001 | -16.512 | 28.228 | 7.516  | -9.356  | 28.881 | 14.18  | 0.116 | 299.776 | 5.563 | 0.116 | 302.165 | 4.77  | 0.116 | 4.43   | 0.004 | 0.116 | 0.927  | 0.0   |
| 81  | 16385 | 16386 | NS | 1 | -34.902 | 25.124 | 0.007 | -34.68  | 23.468 | 0.002 | -11.771 | 30.106 | 4.54   | -12.264 | 31.482 | 8.988  | 0.116 | 299.664 | 4.906 | 0.116 | 284.778 | 4.772 | 0.116 | 1.548  | 0.003 | 0.116 | 1.812  | 0.003 |
| 82  | 16385 | 16386 | SN | 1 | -34.6   | 21.937 | 0.0   | -34.448 | 22.856 | 0.003 | 5.798   | 27.04  | 9.186  | 6.505   | 26.734 | 5.699  | 0.116 | 279.508 | 4.542 | 0.116 | 269.912 | 3.597 | 0.116 | 0.136  | 0.0   | 0.116 | 0.133  | 0.0   |
| 83  | 16385 | 16386 | SN | 1 | -34.919 | 21.935 | 0.0   | -34.906 | 22.856 | 0.003 | 5.798   | 27.04  | 9.186  | 6.505   | 26.729 | 5.699  | 0.116 | 300.817 | 4.545 | 0.116 | 299.984 | 3.581 | 0.116 | 0.136  | 0.0   | 0.116 | 0.133  | 0.0   |
| 84  | 16385 | 16386 | SN | 1 | -34.919 | 21.935 | 0.0   | -34.906 | 22.854 | 0.003 | 5.798   | 27.04  | 9.195  | 6.505   | 26.384 | 5.748  | 0.116 | 300.817 | 4.654 | 0.116 | 299.984 | 3.646 | 0.116 | 0.136  | 0.0   | 0.116 | 0.133  | 0.0   |
| 85  | 16385 | 16386 | NS | 2 | -34.987 | 25.122 | 0.007 | -34.68  | 24.174 | 0.004 | -11.771 | 30.106 | 4.54   | -12.264 | 31.482 | 8.988  | 0.116 | 305.54  | 4.905 | 0.116 | 284.778 | 4.772 | 0.116 | 1.548  | 0.003 | 0.116 | 1.812  | 0.003 |
| 86  | 16386 | 16387 | NS | 1 | -34.786 | 25.334 | 0.019 | -32.912 | 23.185 | 0.036 | -5.253  | 29.614 | 4.236  | -5.454  | 29.273 | 10.786 | 0.116 | 291.714 | 4.042 | 0.116 | 189.588 | 3.688 | 0.116 | 0.42   | 0.0   | 0.116 | 0.436  | 0.0   |
| 87  | 16386 | 16387 | SN | 1 | -34.623 | 22.194 | 0.001 | -34.83  | 22.981 | 0.073 | 5.667   | 27.107 | 12.909 | 7.836   | 27.863 | 16.085 | 0.116 | 281.052 | 3.823 | 0.116 | 294.756 | 3.07  | 0.116 | 0.137  | 0.0   | 0.116 | 0.128  | 0.0   |
| 88  | 16386 | 16387 | NS | 2 | -34.786 | 25.334 | 0.019 | -32.768 | 23.185 | 0.036 | -5.253  | 29.614 | 4.237  | -5.454  | 29.273 | 10.786 | 0.116 | 291.714 | 4.044 | 0.116 | 183.413 | 3.688 | 0.116 | 0.42   | 0.0   | 0.116 | 0.436  | 0.0   |
| 89  | 16386 | 16387 | SN | 1 | -34.623 | 22.194 | 0.001 | -34.83  | 22.981 | 0.089 | 5.667   | 27.107 | 12.587 | 7.836   | 27.863 | 15.694 | 0.116 | 281.052 | 3.706 | 0.116 | 294.756 | 2.977 | 0.116 | 0.137  | 0.0   | 0.116 | 0.128  | 0.0   |
| 90  | 16386 | 16387 | SN | 1 | -34.917 | 22.194 | 0.001 | -34.974 | 22.981 | 0.089 | 5.667   | 27.107 | 12.587 | 7.836   | 27.863 | 15.695 | 0.116 | 300.676 | 3.712 | 0.116 | 304.658 | 2.976 | 0.116 | 0.137  | 0.0   | 0.116 | 0.128  | 0.0   |
| 91  | 16387 | 16388 | SN | 1 | -33.913 | 22.07  | 0.002 | -34.793 | 23.366 | 0.127 | 4.821   | 27.141 | 11.015 | 7.946   | 28.42  | 10.039 | 0.116 | 238.679 | 3.008 | 0.116 | 292.243 | 2.388 | 0.116 | 0.142  | 0.0   | 0.116 | 0.128  | 0.0   |
| 92  | 16387 | 16388 | NS | 1 | -34.176 | 23.558 | 0.094 | -34.533 | 26.021 | 0.224 | -16.843 | 29.539 | 5.361  | -7.22   | 29.571 | 9.942  | 0.116 | 253.558 | 2.898 | 0.116 | 275.28  | 2.885 | 0.116 | 4.774  | 0.005 | 0.116 | 0.604  | 0.0   |
| 93  | 16387 | 16388 | NS | 1 | -34.379 | 23.558 | 0.094 | -34.837 | 26.021 | 0.224 | -16.843 | 29.539 | 5.359  | -7.22   | 29.571 | 9.944  | 0.116 | 265.658 | 2.892 | 0.116 | 295.193 | 2.881 | 0.116 | 4.774  | 0.005 | 0.116 | 0.604  | 0.0   |
| 94  | 16387 | 16388 | SN | 1 | -33.913 | 22.07  | 0.002 | -34.793 | 22.484 | 0.019 | 4.821   | 27.141 | 11.733 | 7.946   | 28.42  | 10.136 | 0.116 | 238.679 | 3.132 | 0.116 | 292.243 | 2.504 | 0.116 | 0.142  | 0.0   | 0.116 | 0.128  | 0.0   |
| 95  | 16387 | 16388 | SN | 2 | -33.913 | 22.07  | 0.002 | -34.793 | 23.366 | 0.127 | 4.821   | 27.141 | 11.015 | 7.946   | 28.42  | 10.039 | 0.116 | 238.679 | 3.008 | 0.116 | 292.243 | 2.388 | 0.116 | 0.142  | 0.0   | 0.116 | 0.128  | 0.0   |
| 96  | 16388 | 16389 | SN | 1 | -34.636 | 23.165 | 0.017 | -34.782 | 23.81  | 0.431 | -12.056 | 32.842 | 8.465  | -10.069 | 33.256 | 9.536  | 0.116 | 281.852 | 5.169 | 0.116 | 291.511 | 4.171 | 0.116 | 1.646  | 0.002 | 0.116 | 1.076  | 0.002 |
| 97  | 16388 | 16389 | SN | 1 | -34.636 | 23.165 | 0.018 | -34.782 | 22.924 | 0.064 | -12.057 | 32.842 | 8.844  | -10.069 | 33.256 | 9.484  | 0.116 | 281.852 | 5.446 | 0.116 | 291.511 | 4.486 | 0.116 | 1.646  | 0.002 | 0.116 | 1.076  | 0.002 |
| 98  | 16388 | 16389 | NS | 1 | -34.566 | 27.062 | 0.081 | -34.985 | 27.26  | 0.173 | 7.913   | 27.78  | 10.299 | 8.168   | 28.966 | 19.137 | 0.116 | 277.323 | 2.762 | 0.116 | 305.479 | 2.455 | 0.116 | 0.128  | 0.0   | 0.116 | 0.127  | 0.0   |
| 99  | 16388 | 16389 | SN | 2 | -34.636 | 23.165 | 0.017 | -34.782 | 23.81  | 0.431 | -12.056 | 32.842 | 8.465  | -10.069 | 33.256 | 9.536  | 0.116 | 281.852 | 5.169 | 0.116 | 291.511 | 4.171 | 0.116 | 1.646  | 0.002 | 0.116 | 1.076  | 0.002 |
| 100 | 16388 | 16389 | NS | 1 | -34.847 | 27.062 | 0.081 | -34.963 | 27.26  | 0.173 | 7.916   | 27.78  | 10.306 | 8.17    | 28.966 | 19.14  | 0.116 | 295.93  | 2.758 | 0.116 | 303.985 | 2.458 | 0.116 | 0.128  | 0.0   | 0.116 | 0.127  | 0.0   |
| 101 | 16389 | 16390 | NS | 1 | -34.883 | 22.976 | 0.085 | -34.394 | 24.472 | 0.072 | -3.112  | 29.096 | 12.869 | 1.82    | 30.894 | 21.253 | 0.116 | 298.341 | 2.957 | 0.116 | 266.63  | 2.557 | 0.116 | 0.297  | 0.0   | 0.116 | 0.17   | 0.0   |
| 102 | 16389 | 16390 | NS | 1 | -34.954 | 22.976 | 0.085 | -34.821 | 24.472 | 0.07  | -3.112  | 29.096 | 12.897 | 1.821   | 30.892 | 21.333 | 0.116 | 303.31  | 2.954 | 0.116 | 294.192 | 2.555 | 0.116 | 0.297  | 0.0   | 0.116 | 0.17   | 0.0   |
| 103 | 16389 | 16390 | SN | 1 | -33.912 | 23.686 | 0.01  | -34.673 | 24.257 | 0.608 | -17.953 | 32.294 | 10.741 | -14.34  | 30.258 | 12.635 | 0.116 | 238.538 | 4.458 | 0.116 | 284.278 | 4.039 | 0.116 | 6.136  | 0.009 | 0.116 | 2.723  | 0.006 |
| 104 | 16389 | 16390 | SN | 2 | -33.912 | 23.686 | 0.01  | -34.673 | 24.257 | 0.608 | -17.953 | 32.294 | 10.741 | -14.34  | 30.258 | 12.635 | 0.116 | 238.538 | 4.458 | 0.116 | 284.278 | 4.039 | 0.116 | 6.136  | 0.009 | 0.116 | 2.723  | 0.006 |
| 105 | 16389 | 16390 | SN | 1 | -33.912 | 23.686 | 0.011 | -34.673 | 24.257 | 0.014 | -18.062 | 32.294 | 11.477 | -14.402 | 30.258 | 12.691 | 0.116 | 238.538 | 4.484 | 0.116 | 284.278 | 4.433 | 0.116 | 6.293  | 0.009 | 0.116 | 2.76   | 0.006 |
| 106 | 16390 | 16391 | NS | 1 | -34.487 | 28.33  | 0.091 | -34.521 | 23.055 | 0.084 | -13.878 | 29.797 | 21.01  | -9.607  | 30.357 | 33.482 | 0.116 | 272.354 | 2.365 | 0.116 | 274.535 | 1.817 | 0.116 | 2.457  | 0.003 | 0.116 | 0.977  | 0.0   |
| 107 | 16390 | 16391 | SN | 2 | -34.973 | 24.757 | 0.021 | -34.532 | 24.034 | 0.563 | -26.517 | 28.247 | 14.709 | -24.557 | 29.842 | 14.627 | 0.116 | 304.615 | 4.986 | 0.116 | 275.174 | 3.529 | 0.116 | 43.535 | 0.005 | 0.116 | 27.756 | 0.002 |
| 108 | 16390 | 16391 | NS | 1 | -34.827 | 28.33  | 0.092 | -34.088 | 23.055 | 0.083 | -13.779 | 29.797 | 21.01  | -9.599  | 30.357 | 33.541 | 0.116 | 294.579 | 2.363 | 0.116 | 248.447 | 1.822 | 0.116 | 2.403  | 0.003 | 0.116 | 0.975  | 0.0   |
| 109 | 16390 | 16391 | SN | 1 | -34.973 | 24.757 | 0.021 | -34.532 | 24.034 | 0.563 | -26.517 | 28.247 | 14.709 | -24.557 | 29.842 | 14.627 | 0.116 | 304.615 | 4.986 | 0.116 | 275.174 | 3.529 | 0.116 | 43.535 | 0.005 | 0.116 | 27.756 | 0.002 |
| 110 | 16391 | 16392 | NS | 2 | -34.847 | 28.966 | 0.251 | -33.904 | 24.638 | 0.321 | -6.039  | 36.383 | 11.62  | -3.204  | 33.392 | 20.697 | 0.116 | 295.966 | 3.415 | 0.116 | 238.195 | 3.333 | 0.116 | 0.484  | 0.0   | 0.116 | 0.301  | 0.0   |
| 111 | 16391 | 16392 | SN | 1 | -34.354 | 26.219 | 0.038 | -34.934 | 25.612 | 0.548 | -28.054 | 29.416 | 14.811 | -21.611 | 29.548 | 14.629 | 0.116 | 264.113 | 5.345 | 0.116 | 301.891 | 4.527 | 0.116 | 61.997 | 0.015 | 0.116 | 14.134 | 0.024 |

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

Normal

Deviations

Alarming

High Errors

|     |       |       |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |        |       |       |        |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 112 | 16391 | 16392 | NS | 1 | -34.847 | 28.966 | 0.251 | -33.904 | 24.638 | 0.321 | -6.039  | 36.383 | 11.62  | -3.204  | 33.392 | 20.697 | 0.116 | 295.966 | 3.415 | 0.116 | 238.195 | 3.333 | 0.116 | 0.484  | 0.0   | 0.116 | 0.301  | 0.0   |
| 113 | 16392 | 16393 | NS | 1 | -34.985 | 24.09  | 0.298 | -34.953 | 27.722 | 0.471 | -5.544  | 28.528 | 17.647 | -8.126  | 31.516 | 25.019 | 0.116 | 305.49  | 3.597 | 0.116 | 303.165 | 3.585 | 0.116 | 0.443  | 0.0   | 0.116 | 0.722  | 0.0   |
| 114 | 16392 | 16393 | SN | 1 | -33.786 | 23.917 | 0.391 | -34.595 | 23.836 | 0.918 | -28.344 | 28.624 | 12.76  | -26.565 | 31.332 | 11.131 | 0.116 | 231.767 | 3.091 | 0.116 | 279.21  | 2.489 | 0.116 | 66.256 | 0.036 | 0.116 | 44.025 | 0.027 |
| 115 | 16392 | 16393 | NS | 1 | -34.985 | 24.09  | 0.298 | -34.953 | 27.722 | 0.471 | -5.544  | 28.528 | 16.76  | -8.126  | 31.516 | 23.939 | 0.116 | 305.49  | 3.598 | 0.116 | 303.165 | 3.585 | 0.116 | 0.443  | 0.0   | 0.116 | 0.722  | 0.0   |
| 116 | 16392 | 16393 | SN | 1 | -34.586 | 23.932 | 0.399 | -34.342 | 23.836 | 0.921 | -29.074 | 28.624 | 12.749 | -26.642 | 31.332 | 11.117 | 0.116 | 278.618 | 3.087 | 0.116 | 263.422 | 2.492 | 0.116 | 78.377 | 0.036 | 0.116 | 44.82  | 0.027 |
| 117 | 16393 | 16394 | NS | 1 | -34.719 | 24.621 | 0.461 | -34.642 | 27.733 | 0.291 | 2.001   | 28.372 | 24.285 | 1.847   | 29.084 | 35.96  | 0.116 | 287.283 | 3.105 | 0.116 | 282.237 | 2.785 | 0.116 | 0.167  | 0.0   | 0.116 | 0.169  | 0.0   |
| 118 | 16393 | 16394 | NS | 1 | -34.719 | 24.621 | 0.461 | -34.642 | 27.733 | 0.291 | 2.001   | 28.372 | 16.708 | 1.847   | 29.078 | 33.815 | 0.116 | 287.283 | 3.107 | 0.116 | 282.237 | 2.785 | 0.116 | 0.167  | 0.0   | 0.116 | 0.169  | 0.0   |
| 119 | 16393 | 16394 | SN | 1 | -34.512 | 24.788 | 0.148 | -34.58  | 24.104 | 1.161 | -4.249  | 29.389 | 15.21  | -4.087  | 30.518 | 16.716 | 0.116 | 273.953 | 4.081 | 0.116 | 278.22  | 3.871 | 0.116 | 0.354  | 0.0   | 0.116 | 0.345  | 0.0   |
| 120 | 16393 | 16394 | SN | 2 | -34.512 | 24.788 | 0.148 | -34.58  | 24.104 | 1.163 | -4.249  | 29.389 | 15.221 | -4.087  | 30.518 | 16.73  | 0.116 | 273.953 | 4.049 | 0.116 | 278.22  | 3.85  | 0.116 | 0.354  | 0.0   | 0.116 | 0.345  | 0.0   |
| 121 | 16393 | 16394 | NS | 2 | -34.719 | 24.621 | 0.461 | -34.642 | 27.733 | 0.291 | 2.001   | 28.372 | 24.285 | 1.847   | 29.084 | 35.96  | 0.116 | 287.283 | 3.105 | 0.116 | 282.237 | 2.785 | 0.116 | 0.167  | 0.0   | 0.116 | 0.169  | 0.0   |
| 122 | 16394 | 16395 | SN | 2 | -34.959 | 23.524 | 0.06  | -33.986 | 24.056 | 1.007 | -4.45   | 29.693 | 35.029 | -7.373  | 30.212 | 43.56  | 0.116 | 303.577 | 4.177 | 0.116 | 242.673 | 3.642 | 0.116 | 0.366  | 0.0   | 0.116 | 0.623  | 0.0   |
| 123 | 16394 | 16395 | NS | 1 | -34.713 | 25.274 | 0.691 | -34.482 | 26.338 | 0.263 | 8.518   | 28.504 | 24.953 | 8.712   | 29.353 | 34.746 | 0.116 | 286.909 | 2.404 | 0.116 | 272.113 | 2.078 | 0.116 | 0.126  | 0.0   | 0.116 | 0.126  | 0.0   |
| 124 | 16394 | 16395 | NS | 1 | -33.638 | 25.274 | 0.69  | -34.905 | 26.338 | 0.263 | 8.612   | 28.504 | 9.14   | 8.668   | 29.353 | 23.342 | 0.116 | 224.01  | 2.396 | 0.116 | 299.808 | 2.079 | 0.116 | 0.126  | 0.0   | 0.116 | 0.126  | 0.0   |
| 125 | 16394 | 16395 | NS | 1 | -34.578 | 25.274 | 0.69  | -34.905 | 26.338 | 0.263 | 8.52    | 28.504 | 24.951 | 8.71    | 29.353 | 34.746 | 0.116 | 278.18  | 2.395 | 0.116 | 299.808 | 2.08  | 0.116 | 0.126  | 0.0   | 0.116 | 0.126  | 0.0   |
| 126 | 16394 | 16395 | SN | 1 | -34.959 | 23.524 | 0.06  | -34.912 | 24.056 | 1.01  | -4.45   | 29.693 | 35.047 | -7.373  | 30.212 | 43.592 | 0.116 | 303.577 | 4.135 | 0.116 | 300.392 | 3.603 | 0.116 | 0.366  | 0.0   | 0.116 | 0.623  | 0.0   |
| 127 | 16395 | 16396 | NS | 1 | -34.79  | 25.017 | 0.557 | -34.761 | 23.471 | 0.033 | 7.154   | 31.652 | 2.378  | 7.605   | 29.101 | 2.359  | 0.116 | 292.058 | 4.439 | 0.116 | 305.063 | 3.792 | 0.116 | 0.131  | 0.0   | 0.116 | 0.129  | 0.0   |
| 128 | 16395 | 16396 | SN | 1 | -34.663 | 22.698 | 0.015 | -34.775 | 23.379 | 0.133 | 4.988   | 29.274 | 25.675 | 1.26    | 30.043 | 31.011 | 0.116 | 283.695 | 2.84  | 0.116 | 291.009 | 2.451 | 0.116 | 0.141  | 0.0   | 0.116 | 0.178  | 0.0   |
| 129 | 16395 | 16396 | NS | 1 | -34.79  | 25.017 | 0.553 | -34.761 | 23.471 | 0.033 | 6.98    | 31.652 | 17.226 | 7.636   | 29.101 | 26.877 | 0.116 | 292.058 | 4.335 | 0.116 | 305.063 | 3.791 | 0.116 | 0.131  | 0.0   | 0.116 | 0.129  | 0.0   |
| 130 | 16395 | 16396 | NS | 1 | -34.959 | 25.017 | 0.553 | -34.603 | 23.471 | 0.033 | 6.98    | 31.652 | 17.23  | 7.636   | 29.082 | 26.88  | 0.116 | 303.667 | 4.332 | 0.116 | 279.711 | 3.787 | 0.116 | 0.131  | 0.0   | 0.116 | 0.129  | 0.0   |
| 131 | 16395 | 16396 | SN | 1 | -34.919 | 24.202 | 0.143 | -34.775 | 24.625 | 1.123 | 3.622   | 29.263 | 28.737 | 1.266   | 30.048 | 33.181 | 0.116 | 300.856 | 3.145 | 0.116 | 291.009 | 2.311 | 0.116 | 0.15   | 0.0   | 0.116 | 0.178  | 0.0   |
| 132 | 16395 | 16396 | SN | 1 | -34.663 | 24.211 | 0.142 | -34.775 | 24.628 | 1.122 | 3.611   | 29.263 | 28.743 | 1.266   | 30.048 | 33.221 | 0.116 | 283.695 | 3.142 | 0.116 | 291.009 | 2.314 | 0.116 | 0.151  | 0.0   | 0.116 | 0.178  | 0.0   |
| 133 | 16396 | 16397 | NS | 1 | -34.798 | 24.333 | 0.408 | -34.784 | 24.116 | 0.035 | 7.056   | 29.225 | 10.594 | 7.183   | 29.202 | 18.87  | 0.116 | 292.549 | 5.728 | 0.116 | 291.681 | 4.694 | 0.116 | 0.131  | 0.0   | 0.116 | 0.13   | 0.0   |
| 134 | 16396 | 16397 | NS | 2 | -34.863 | 24.333 | 0.408 | -34.812 | 24.112 | 0.033 | 7.055   | 29.225 | 10.592 | 7.183   | 29.202 | 18.87  | 0.116 | 296.944 | 5.727 | 0.116 | 293.528 | 4.694 | 0.116 | 0.131  | 0.0   | 0.116 | 0.13   | 0.0   |

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

Normal
  Deviations
  Alarming
  High Errors

|       |             |           |      |      | Outer           |        |           |               |         |           |          |          |           |          |         |           |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
|       |             |           |      |      | Incidence Angle |        |           | Azimuth Angle |         |           | Range    |          |           | X-Factor |         |           |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min             | Max    | BadOcc(%) | Min           | Max     | BadOcc(%) | Min      | Max      | BadOcc(%) | Min      | Max     | BadOcc(%) |
| 1     | 16367       | 16368     | SN   | 1    | 57.575          | 58.261 | 0.0       | 0.0           | 298.891 | 3.266     | 1215.152 | 1263.408 | 0.0       | -93.118  | -92.07  | 0.0       |
| 2     | 16367       | 16368     | SN   | 1    | 57.575          | 58.26  | 0.0       | 0.0           | 298.494 | 4.117     | 1215.168 | 1263.376 | 0.0       | -93.118  | -92.07  | 0.0       |
| 3     | 16367       | 16368     | SN   | 2    | 57.575          | 58.261 | 0.0       | 0.0           | 298.891 | 4.117     | 1215.152 | 1263.408 | 0.0       | -93.118  | -92.07  | 0.0       |
| 4     | 16368       | 16369     | NS   | 1    | 57.516          | 58.174 | 0.0       | 0.0           | 288.456 | 3.705     | 1214.344 | 1262.424 | 0.0       | -93.187  | -92.067 | 0.0       |
| 5     | 16368       | 16369     | SN   | 1    | 57.558          | 58.246 | 0.0       | 0.0           | 299.431 | 3.86      | 1214.68  | 1263.336 | 0.0       | -93.399  | -92.061 | 0.0       |
| 6     | 16368       | 16369     | SN   | 1    | 57.558          | 58.246 | 0.0       | 0.0           | 299.431 | 3.444     | 1214.384 | 1263.336 | 0.0       | -93.399  | -92.061 | 0.0       |
| 7     | 16368       | 16369     | SN   | 1    | 57.558          | 58.246 | 0.0       | 0.0           | 299.431 | 3.865     | 1214.384 | 1263.336 | 0.0       | -93.399  | -92.061 | 0.0       |
| 8     | 16369       | 16370     | SN   | 1    | 57.559          | 58.269 | 0.0       | 0.0           | 292.813 | 3.288     | 1214.064 | 1263.52  | 0.0       | -93.27   | -92.09  | 0.0       |
| 9     | 16369       | 16370     | SN   | 1    | 57.558          | 58.27  | 0.0       | 0.0           | 292.841 | 3.293     | 1214.2   | 1263.536 | 0.0       | -93.129  | -92.09  | 0.0       |
| 10    | 16369       | 16370     | NS   | 2    | 57.515          | 58.175 | 0.0       | 0.0           | 291.093 | 3.656     | 1214.368 | 1262.656 | 0.0       | -93.095  | -92.044 | 0.0       |
| 11    | 16369       | 16370     | NS   | 1    | 57.515          | 58.175 | 0.0       | 0.0           | 291.093 | 3.656     | 1214.368 | 1262.656 | 0.0       | -93.095  | -92.044 | 0.0       |
| 12    | 16369       | 16370     | SN   | 1    | 57.559          | 58.269 | 0.0       | 0.0           | 292.813 | 3.684     | 1214.064 | 1263.52  | 0.0       | -93.27   | -92.09  | 0.0       |
| 13    | 16370       | 16371     | SN   | 1    | 57.538          | 58.245 | 0.0       | 0.0           | 298.053 | 3.717     | 1213.84  | 1263.408 | 0.0       | -93.106  | -92.088 | 0.0       |
| 14    | 16370       | 16371     | SN   | 1    | 57.538          | 58.245 | 0.0       | 0.0           | 298.053 | 3.304     | 1213.84  | 1263.408 | 0.0       | -93.106  | -92.088 | 0.0       |
| 15    | 16370       | 16371     | NS   | 1    | 57.518          | 58.174 | 0.0       | 0.0           | 293.845 | 3.677     | 1214.544 | 1262.496 | 0.0       | -93.303  | -92.086 | 0.0       |
| 16    | 16370       | 16371     | SN   | 2    | 57.538          | 58.245 | 0.0       | 0.0           | 298.053 | 3.717     | 1213.84  | 1263.408 | 0.0       | -93.106  | -92.088 | 0.0       |
| 17    | 16370       | 16371     | NS   | 1    | 57.518          | 58.174 | 0.0       | 0.0           | 293.845 | 3.689     | 1214.544 | 1262.496 | 0.0       | -93.303  | -92.086 | 0.0       |
| 18    | 16371       | 16372     | SN   | 2    | 57.563          | 58.244 | 0.0       | 0.0           | 298.61  | 3.756     | 1213.792 | 1263.256 | 0.0       | -93.12   | -92.088 | 0.0       |
| 19    | 16371       | 16372     | SN   | 1    | 57.563          | 58.244 | 0.0       | 0.003         | 296.884 | 3.756     | 1213.784 | 1263.248 | 0.0       | -93.062  | -92.088 | 0.0       |
| 20    | 16371       | 16372     | SN   | 1    | 57.563          | 58.244 | 0.0       | 0.003         | 289.984 | 3.26      | 1213.784 | 1263.248 | 0.0       | -93.181  | -92.088 | 0.0       |
| 21    | 16371       | 16372     | NS   | 1    | 57.509          | 58.175 | 0.0       | 0.0           | 298.494 | 3.884     | 1215.536 | 1262.344 | 0.0       | -93.02   | -92.054 | 0.0       |
| 22    | 16371       | 16372     | NS   | 1    | 57.509          | 58.175 | 0.0       | 0.0           | 298.494 | 3.896     | 1215.536 | 1262.344 | 0.0       | -92.978  | -92.054 | 0.0       |
| 23    | 16372       | 16373     | SN   | 2    | 57.561          | 58.268 | 0.0       | 0.0           | 293.552 | 3.727     | 1214.032 | 1263.152 | 0.0       | -93.137  | -92.089 | 0.0       |
| 24    | 16372       | 16373     | NS   | 1    | 57.488          | 58.18  | 0.0       | 0.0           | 286.796 | 3.772     | 1214.976 | 1262.224 | 0.0       | -93.275  | -92.069 | 0.0       |
| 25    | 16372       | 16373     | SN   | 1    | 57.561          | 58.268 | 0.0       | 0.0           | 293.552 | 3.727     | 1214.032 | 1263.152 | 0.0       | -93.137  | -92.089 | 0.0       |
| 26    | 16372       | 16373     | NS   | 1    | 57.482          | 58.174 | 0.0       | 0.0           | 286.796 | 3.775     | 1214.912 | 1262.224 | 0.0       | -93.168  | -92.069 | 0.0       |
| 27    | 16372       | 16373     | SN   | 1    | 57.561          | 58.268 | 0.0       | 0.0           | 289.047 | 3.089     | 1214.032 | 1263.152 | 0.0       | -93.176  | -92.089 | 0.0       |
| 28    | 16373       | 16374     | SN   | 2    | 57.554          | 58.246 | 0.0       | 0.0           | 295.058 | 3.835     | 1214.312 | 1263.288 | 0.0       | -93.12   | -92.076 | 0.0       |
| 29    | 16373       | 16374     | SN   | 1    | 57.554          | 58.246 | 0.0       | 0.0           | 295.058 | 2.928     | 1214.312 | 1263.288 | 0.0       | -93.12   | -92.076 | 0.0       |
| 30    | 16373       | 16374     | NS   | 1    | 57.491          | 58.186 | 0.0       | 0.0           | 286.67  | 3.756     | 1214.52  | 1262.176 | 0.0       | -93.129  | -92.083 | 0.0       |
| 31    | 16373       | 16374     | SN   | 1    | 57.555          | 58.245 | 0.0       | 0.0           | 295.091 | 3.834     | 1214.336 | 1263.288 | 0.0       | -93.12   | -92.076 | 0.0       |
| 32    | 16373       | 16374     | NS   | 1    | 57.486          | 58.195 | 0.0       | 0.0           | 286.67  | 3.753     | 1214.424 | 1262.176 | 0.0       | -93.102  | -92.083 | 0.0       |
| 33    | 16374       | 16375     | NS   | 1    | 57.461          | 58.205 | 0.0       | 0.0           | 288.958 | 3.684     | 1214.248 | 1262.312 | 0.0       | -94.096  | -92.082 | 0.0       |
| 34    | 16374       | 16375     | SN   | 1    | 57.549          | 58.259 | 0.0       | 0.0           | 291.528 | 2.628     | 1214.64  | 1263.312 | 0.0       | -93.129  | -92.08  | 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 |

|    |       |       |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 35 | 16374 | 16375 | SN | 1 | 57.549 | 58.259 | 0.0 | 0.0   | 291.528 | 3.895 | 1214.64  | 1263.312 | 0.0 | -95.709 | -92.08  | 0.0 |
| 36 | 16374 | 16375 | SN | 1 | 57.545 | 58.259 | 0.0 | 0.0   | 291.528 | 3.891 | 1214.56  | 1263.312 | 0.0 | -95.709 | -92.08  | 0.0 |
| 37 | 16375 | 16376 | NS | 1 | 57.516 | 58.354 | 0.0 | 0.0   | 293.602 | 3.98  | 1214.336 | 1262.408 | 0.0 | -95.606 | -92.048 | 0.0 |
| 38 | 16375 | 16376 | SN | 1 | 57.563 | 58.278 | 0.0 | 0.0   | 291.44  | 3.781 | 1214.744 | 1263.384 | 0.0 | -93.117 | -92.053 | 0.0 |
| 39 | 16375 | 16376 | NS | 2 | 57.516 | 58.354 | 0.0 | 0.0   | 293.602 | 3.98  | 1214.336 | 1262.408 | 0.0 | -95.606 | -92.048 | 0.0 |
| 40 | 16376 | 16377 | SN | 1 | 57.548 | 58.247 | 0.0 | 0.0   | 298.053 | 3.726 | 1214.6   | 1263.312 | 0.0 | -93.072 | -92.096 | 0.0 |
| 41 | 16376 | 16377 | NS | 1 | 57.506 | 58.182 | 0.0 | 0.0   | 298.163 | 4.044 | 1214.48  | 1262.296 | 0.0 | -93.156 | -92.056 | 0.0 |
| 42 | 16377 | 16378 | NS | 1 | 57.512 | 58.174 | 0.0 | 0.0   | 295.323 | 3.742 | 1214.192 | 1262.16  | 0.0 | -93.05  | -92.083 | 0.0 |
| 43 | 16377 | 16378 | SN | 1 | 57.545 | 58.264 | 0.0 | 0.0   | 294.711 | 4.616 | 1215.32  | 1263.224 | 0.0 | -94.697 | -92.066 | 0.0 |
| 44 | 16377 | 16378 | SN | 1 | 57.555 | 58.254 | 0.0 | 0.0   | 294.666 | 4.729 | 1215.328 | 1263.216 | 0.0 | -94.697 | -92.066 | 0.0 |
| 45 | 16377 | 16378 | NS | 1 | 57.512 | 58.174 | 0.0 | 0.0   | 295.323 | 3.746 | 1214.192 | 1262.16  | 0.0 | -93.151 | -92.083 | 0.0 |
| 46 | 16378 | 16379 | NS | 1 | 57.487 | 58.186 | 0.0 | 0.0   | 286.725 | 3.74  | 1213.992 | 1262.2   | 0.0 | -93.153 | -92.081 | 0.0 |
| 47 | 16378 | 16379 | NS | 1 | 57.487 | 58.186 | 0.0 | 0.0   | 280.945 | 3.273 | 1213.992 | 1261.552 | 0.0 | -93.103 | -92.081 | 0.0 |
| 48 | 16378 | 16379 | NS | 1 | 57.487 | 58.186 | 0.0 | 0.0   | 286.752 | 3.737 | 1213.992 | 1262.192 | 0.0 | -93.176 | -92.081 | 0.0 |
| 49 | 16378 | 16379 | SN | 1 | 57.567 | 58.247 | 0.0 | 0.0   | 299.354 | 3.828 | 1215.304 | 1263.32  | 0.0 | -93.088 | -92.07  | 0.0 |
| 50 | 16378 | 16379 | SN | 1 | 57.567 | 58.247 | 0.0 | 0.0   | 299.354 | 3.837 | 1215.304 | 1263.32  | 0.0 | -93.088 | -92.07  | 0.0 |
| 51 | 16379 | 16380 | SN | 1 | 57.572 | 58.246 | 0.0 | 0.0   | 293.392 | 3.762 | 1215.04  | 1263.344 | 0.0 | -93.086 | -92.09  | 0.0 |
| 52 | 16379 | 16380 | NS | 1 | 57.492 | 58.187 | 0.0 | 0.003 | 287.376 | 3.028 | 1213.88  | 1259.888 | 0.0 | -94.316 | -92.078 | 0.0 |
| 53 | 16379 | 16380 | SN | 1 | 57.572 | 58.246 | 0.0 | 0.0   | 293.392 | 3.752 | 1215.04  | 1263.344 | 0.0 | -93.086 | -92.09  | 0.0 |
| 54 | 16379 | 16380 | NS | 1 | 57.492 | 58.187 | 0.0 | 0.003 | 287.376 | 3.756 | 1213.88  | 1262.248 | 0.0 | -94.316 | -92.078 | 0.0 |
| 55 | 16379 | 16380 | NS | 2 | 57.492 | 58.187 | 0.0 | 0.003 | 287.376 | 3.756 | 1213.88  | 1262.248 | 0.0 | -94.316 | -92.078 | 0.0 |
| 56 | 16380 | 16381 | SN | 1 | 57.532 | 58.248 | 0.0 | 0.0   | 290.481 | 3.734 | 1214.624 | 1263.456 | 0.0 | -93.422 | -92.096 | 0.0 |
| 57 | 16380 | 16381 | NS | 1 | 57.484 | 58.2   | 0.0 | 0.0   | 289.626 | 2.545 | 1213.888 | 1258.392 | 0.0 | -93.213 | -92.078 | 0.0 |
| 58 | 16380 | 16381 | SN | 1 | 57.541 | 58.248 | 0.0 | 0.0   | 290.481 | 3.73  | 1214.744 | 1263.456 | 0.0 | -93.076 | -92.096 | 0.0 |
| 59 | 16380 | 16381 | NS | 2 | 57.484 | 58.2   | 0.0 | 0.0   | 290.795 | 3.896 | 1213.888 | 1262.344 | 0.0 | -93.168 | -92.078 | 0.0 |
| 60 | 16380 | 16381 | NS | 1 | 57.484 | 58.2   | 0.0 | 0.0   | 290.834 | 3.896 | 1213.888 | 1262.36  | 0.0 | -93.168 | -92.078 | 0.0 |
| 61 | 16381 | 16382 | NS | 1 | 57.482 | 58.197 | 0.0 | 0.0   | 296.894 | 3.799 | 1214.056 | 1262.368 | 0.0 | -93.152 | -92.053 | 0.0 |
| 62 | 16381 | 16382 | NS | 2 | 57.482 | 58.198 | 0.0 | 0.0   | 296.894 | 3.799 | 1214.056 | 1262.368 | 0.0 | -93.152 | -92.053 | 0.0 |
| 63 | 16381 | 16382 | SN | 1 | 57.589 | 58.22  | 0.0 | 0.0   | 291.479 | 4.847 | 1216.456 | 1262.664 | 0.0 | -93.171 | -92.108 | 0.0 |
| 64 | 16381 | 16382 | NS | 1 | 57.482 | 58.197 | 0.0 | 0.003 | 292.245 | 2.186 | 1214.056 | 1255.592 | 0.0 | -93.107 | -92.053 | 0.0 |
| 65 | 16381 | 16382 | SN | 1 | 57.558 | 58.27  | 0.0 | 0.0   | 290.574 | 3.324 | 1215.024 | 1263.504 | 0.0 | -93.166 | -92.1   | 0.0 |
| 66 | 16381 | 16382 | SN | 2 | 57.558 | 58.27  | 0.0 | 0.0   | 291.754 | 4.85  | 1215.024 | 1263.504 | 0.0 | -93.166 | -92.1   | 0.0 |
| 67 | 16382 | 16383 | NS | 1 | 57.516 | 58.169 | 0.0 | 0.003 | 295.378 | 3.853 | 1213.984 | 1262.144 | 0.0 | -93.121 | -92.064 | 0.0 |
| 68 | 16382 | 16383 | SN | 2 | 57.56  | 58.262 | 0.0 | 0.0   | 294.887 | 4.062 | 1214.72  | 1263.256 | 0.0 | -93.119 | -92.05  | 0.0 |
| 69 | 16382 | 16383 | SN | 1 | 57.56  | 58.262 | 0.0 | 0.0   | 294.87  | 4.062 | 1214.72  | 1263.256 | 0.0 | -93.119 | -92.05  | 0.0 |
| 70 | 16382 | 16383 | SN | 1 | 57.56  | 58.262 | 0.0 | 0.003 | 291.198 | 3.589 | 1214.72  | 1263.256 | 0.0 | -93.119 | -92.05  | 0.0 |
| 71 | 16383 | 16384 | SN | 1 | 57.537 | 58.27  | 0.0 | 0.0   | 291.55  | 3.412 | 1214.512 | 1263.48  | 0.0 | -93.139 | -92.082 | 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 |

|     |       |       |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 72  | 16383 | 16384 | SN | 1 | 57.537 | 58.27  | 0.0 | 0.0   | 291.55  | 3.822 | 1214.512 | 1263.48  | 0.0 | -93.139 | -92.082 | 0.0 |
| 73  | 16383 | 16384 | NS | 1 | 57.513 | 58.172 | 0.0 | 0.0   | 296.961 | 3.606 | 1214.096 | 1262.408 | 0.0 | -93.118 | -92.056 | 0.0 |
| 74  | 16383 | 16384 | NS | 1 | 57.515 | 58.174 | 0.0 | 0.0   | 296.961 | 3.601 | 1214.096 | 1262.392 | 0.0 | -93.237 | -92.056 | 0.0 |
| 75  | 16383 | 16384 | SN | 1 | 57.536 | 58.262 | 0.0 | 0.0   | 291.534 | 3.398 | 1214.512 | 1263.496 | 0.0 | -93.139 | -92.082 | 0.0 |
| 76  | 16384 | 16385 | SN | 2 | 57.549 | 58.272 | 0.0 | 0.0   | 296.635 | 3.732 | 1214.68  | 1263.512 | 0.0 | -93.139 | -92.093 | 0.0 |
| 77  | 16384 | 16385 | SN | 1 | 57.549 | 58.272 | 0.0 | 0.003 | 296.635 | 3.32  | 1214.68  | 1263.512 | 0.0 | -93.139 | -92.093 | 0.0 |
| 78  | 16384 | 16385 | NS | 1 | 57.498 | 58.17  | 0.0 | 0.0   | 288.666 | 3.606 | 1214.24  | 1262.472 | 0.0 | -93.303 | -92.064 | 0.0 |
| 79  | 16384 | 16385 | SN | 1 | 57.549 | 58.272 | 0.0 | 0.0   | 296.635 | 3.732 | 1214.68  | 1263.512 | 0.0 | -93.139 | -92.093 | 0.0 |
| 80  | 16384 | 16385 | NS | 1 | 57.516 | 58.17  | 0.0 | 0.0   | 288.666 | 3.603 | 1215.04  | 1262.472 | 0.0 | -93.367 | -92.064 | 0.0 |
| 81  | 16385 | 16386 | NS | 1 | 57.508 | 58.185 | 0.0 | 0.0   | 295.494 | 3.747 | 1214.416 | 1262.304 | 0.0 | -93.067 | -92.058 | 0.0 |
| 82  | 16385 | 16386 | SN | 1 | 57.555 | 58.243 | 0.0 | 0.0   | 292.51  | 3.705 | 1214.912 | 1263.336 | 0.0 | -93.075 | -92.07  | 0.0 |
| 83  | 16385 | 16386 | SN | 1 | 57.557 | 58.243 | 0.0 | 0.0   | 292.51  | 3.709 | 1214.72  | 1263.336 | 0.0 | -93.075 | -92.07  | 0.0 |
| 84  | 16385 | 16386 | SN | 1 | 57.557 | 58.243 | 0.0 | 0.0   | 292.51  | 3.276 | 1214.72  | 1263.336 | 0.0 | -93.075 | -92.07  | 0.0 |
| 85  | 16385 | 16386 | NS | 2 | 57.507 | 58.185 | 0.0 | 0.0   | 295.494 | 3.748 | 1214.408 | 1262.32  | 0.0 | -93.067 | -92.058 | 0.0 |
| 86  | 16386 | 16387 | NS | 1 | 57.498 | 58.177 | 0.0 | 0.0   | 292.427 | 3.807 | 1215.144 | 1262.232 | 0.0 | -93.078 | -92.074 | 0.0 |
| 87  | 16386 | 16387 | SN | 1 | 57.546 | 58.252 | 0.0 | 0.0   | 289.571 | 3.147 | 1214.312 | 1263.24  | 0.0 | -93.232 | -92.093 | 0.0 |
| 88  | 16386 | 16387 | NS | 2 | 57.498 | 58.177 | 0.0 | 0.0   | 292.405 | 3.808 | 1215.152 | 1262.216 | 0.0 | -93.078 | -92.074 | 0.0 |
| 89  | 16386 | 16387 | SN | 1 | 57.546 | 58.252 | 0.0 | 0.0   | 289.571 | 3.674 | 1214.312 | 1263.24  | 0.0 | -93.232 | -92.093 | 0.0 |
| 90  | 16386 | 16387 | SN | 1 | 57.57  | 58.251 | 0.0 | 0.0   | 289.571 | 3.671 | 1214.312 | 1263.24  | 0.0 | -93.32  | -92.093 | 0.0 |
| 91  | 16387 | 16388 | SN | 1 | 57.565 | 58.261 | 0.0 | 0.0   | 298.135 | 3.844 | 1214.368 | 1263.096 | 0.0 | -93.136 | -92.094 | 0.0 |
| 92  | 16387 | 16388 | NS | 1 | 57.49  | 58.196 | 0.0 | 0.0   | 297.711 | 3.79  | 1214.272 | 1262.072 | 0.0 | -93.06  | -92.077 | 0.0 |
| 93  | 16387 | 16388 | NS | 1 | 57.49  | 58.196 | 0.0 | 0.0   | 297.782 | 3.79  | 1214.264 | 1262.08  | 0.0 | -93.148 | -92.077 | 0.0 |
| 94  | 16387 | 16388 | SN | 1 | 57.565 | 58.261 | 0.0 | 0.0   | 298.135 | 3.101 | 1214.368 | 1263.096 | 0.0 | -93.136 | -92.094 | 0.0 |
| 95  | 16387 | 16388 | SN | 2 | 57.565 | 58.261 | 0.0 | 0.0   | 298.135 | 3.844 | 1214.368 | 1263.096 | 0.0 | -93.136 | -92.094 | 0.0 |
| 96  | 16388 | 16389 | SN | 1 | 57.567 | 58.273 | 0.0 | 0.0   | 293.304 | 3.907 | 1214.72  | 1263.2   | 0.0 | -93.138 | -92.067 | 0.0 |
| 97  | 16388 | 16389 | SN | 1 | 57.567 | 58.273 | 0.0 | 0.003 | 287.023 | 2.817 | 1214.72  | 1263.2   | 0.0 | -93.138 | -92.067 | 0.0 |
| 98  | 16388 | 16389 | NS | 1 | 57.484 | 58.198 | 0.0 | 0.0   | 299.31  | 3.697 | 1213.928 | 1262.112 | 0.0 | -93.1   | -92.08  | 0.0 |
| 99  | 16388 | 16389 | SN | 2 | 57.567 | 58.273 | 0.0 | 0.0   | 293.282 | 3.904 | 1214.72  | 1263.2   | 0.0 | -93.138 | -92.067 | 0.0 |
| 100 | 16388 | 16389 | NS | 1 | 57.484 | 58.199 | 0.0 | 0.0   | 299.431 | 3.697 | 1213.936 | 1262.112 | 0.0 | -93.129 | -92.08  | 0.0 |
| 101 | 16389 | 16390 | NS | 1 | 57.482 | 58.18  | 0.0 | 0.0   | 287.282 | 3.869 | 1214.072 | 1262.304 | 0.0 | -93.136 | -92.074 | 0.0 |
| 102 | 16389 | 16390 | NS | 1 | 57.484 | 58.18  | 0.0 | 0.0   | 287.265 | 3.879 | 1214.0   | 1262.296 | 0.0 | -93.171 | -92.074 | 0.0 |
| 103 | 16389 | 16390 | SN | 1 | 57.579 | 58.264 | 0.0 | 0.0   | 295.494 | 3.891 | 1215.056 | 1263.384 | 0.0 | -93.323 | -92.073 | 0.0 |
| 104 | 16389 | 16390 | SN | 2 | 57.579 | 58.264 | 0.0 | 0.0   | 295.494 | 3.891 | 1215.056 | 1263.384 | 0.0 | -93.323 | -92.073 | 0.0 |
| 105 | 16389 | 16390 | SN | 1 | 57.579 | 58.264 | 0.0 | 0.0   | 295.494 | 2.46  | 1215.056 | 1263.384 | 0.0 | -93.323 | -92.073 | 0.0 |
| 106 | 16390 | 16391 | NS | 1 | 57.513 | 58.189 | 0.0 | 0.0   | 289.571 | 3.903 | 1214.6   | 1262.304 | 0.0 | -93.176 | -92.038 | 0.0 |
| 107 | 16390 | 16391 | SN | 2 | 57.582 | 58.258 | 0.0 | 0.0   | 293.067 | 3.751 | 1215.456 | 1263.392 | 0.0 | -93.106 | -92.064 | 0.0 |
| 108 | 16390 | 16391 | NS | 1 | 57.516 | 58.192 | 0.0 | 0.0   | 289.571 | 3.917 | 1214.736 | 1262.304 | 0.0 | -93.174 | -92.038 | 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 |

|     |       |       |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 109 | 16390 | 16391 | SN | 1 | 57.582 | 58.258 | 0.0 | 0.0   | 293.067 | 3.751 | 1215.456 | 1263.392 | 0.0 | -93.106 | -92.064 | 0.0 |
| 110 | 16391 | 16392 | NS | 2 | 57.516 | 58.252 | 0.0 | 0.0   | 291.777 | 3.916 | 1214.048 | 1262.16  | 0.0 | -95.786 | -92.058 | 0.0 |
| 111 | 16391 | 16392 | SN | 1 | 57.556 | 58.259 | 0.0 | 0.0   | 291.368 | 3.775 | 1214.824 | 1263.24  | 0.0 | -93.075 | -92.099 | 0.0 |
| 112 | 16391 | 16392 | NS | 1 | 57.516 | 58.252 | 0.0 | 0.0   | 291.777 | 3.916 | 1214.048 | 1262.16  | 0.0 | -95.786 | -92.058 | 0.0 |
| 113 | 16392 | 16393 | NS | 1 | 57.48  | 58.171 | 0.0 | 0.0   | 295.527 | 3.739 | 1214.344 | 1262.216 | 0.0 | -93.118 | -92.079 | 0.0 |
| 114 | 16392 | 16393 | SN | 1 | 57.582 | 58.267 | 0.0 | 0.0   | 289.571 | 3.858 | 1215.672 | 1263.312 | 0.0 | -93.076 | -92.062 | 0.0 |
| 115 | 16392 | 16393 | NS | 1 | 57.48  | 58.171 | 0.0 | 0.0   | 295.527 | 3.515 | 1214.344 | 1262.072 | 0.0 | -93.118 | -92.079 | 0.0 |
| 116 | 16392 | 16393 | SN | 1 | 57.558 | 58.275 | 0.0 | 0.0   | 289.548 | 3.858 | 1215.664 | 1263.32  | 0.0 | -93.128 | -92.061 | 0.0 |
| 117 | 16393 | 16394 | NS | 1 | 57.482 | 58.17  | 0.0 | 0.003 | 294.606 | 3.694 | 1213.688 | 1262.312 | 0.0 | -93.142 | -92.076 | 0.0 |
| 118 | 16393 | 16394 | NS | 1 | 57.482 | 58.17  | 0.0 | 0.003 | 294.606 | 3.146 | 1213.688 | 1260.888 | 0.0 | -93.076 | -92.076 | 0.0 |
| 119 | 16393 | 16394 | SN | 1 | 57.561 | 58.246 | 0.0 | 0.0   | 296.624 | 3.801 | 1215.256 | 1263.424 | 0.0 | -93.044 | -92.074 | 0.0 |
| 120 | 16393 | 16394 | SN | 2 | 57.561 | 58.246 | 0.0 | 0.0   | 296.624 | 3.802 | 1215.256 | 1263.424 | 0.0 | -93.044 | -92.074 | 0.0 |
| 121 | 16393 | 16394 | NS | 2 | 57.482 | 58.17  | 0.0 | 0.0   | 294.606 | 3.696 | 1213.688 | 1262.296 | 0.0 | -93.142 | -92.076 | 0.0 |
| 122 | 16394 | 16395 | SN | 2 | 57.549 | 58.26  | 0.0 | 0.0   | 298.863 | 3.785 | 1214.88  | 1263.488 | 0.0 | -93.084 | -92.098 | 0.0 |
| 123 | 16394 | 16395 | NS | 1 | 57.482 | 58.168 | 0.0 | 0.0   | 286.168 | 3.875 | 1214.288 | 1262.408 | 0.0 | -93.236 | -92.075 | 0.0 |
| 124 | 16394 | 16395 | NS | 1 | 57.478 | 58.176 | 0.0 | 0.0   | 280.487 | 2.854 | 1213.856 | 1258.904 | 0.0 | -93.157 | -92.075 | 0.0 |
| 125 | 16394 | 16395 | NS | 1 | 57.478 | 58.176 | 0.0 | 0.0   | 286.168 | 3.875 | 1213.856 | 1262.408 | 0.0 | -93.143 | -92.075 | 0.0 |
| 126 | 16394 | 16395 | SN | 1 | 57.55  | 58.259 | 0.0 | 0.0   | 298.163 | 3.789 | 1214.896 | 1263.472 | 0.0 | -93.084 | -92.098 | 0.0 |
| 127 | 16395 | 16396 | NS | 1 | 57.489 | 58.204 | 0.0 | 0.0   | 290.767 | 2.078 | 1213.344 | 1257.264 | 0.0 | -93.091 | -92.074 | 0.0 |
| 128 | 16395 | 16396 | SN | 1 | 57.554 | 58.25  | 0.0 | 0.0   | 299.376 | 2.553 | 1215.0   | 1263.616 | 0.0 | -93.062 | -92.099 | 0.0 |
| 129 | 16395 | 16396 | NS | 1 | 57.489 | 58.204 | 0.0 | 0.0   | 290.767 | 3.725 | 1213.344 | 1262.512 | 0.0 | -93.091 | -92.074 | 0.0 |
| 130 | 16395 | 16396 | NS | 1 | 57.489 | 58.197 | 0.0 | 0.0   | 290.767 | 3.731 | 1213.336 | 1262.488 | 0.0 | -93.065 | -92.074 | 0.0 |
| 131 | 16395 | 16396 | SN | 1 | 57.554 | 58.25  | 0.0 | 0.0   | 299.376 | 3.853 | 1215.0   | 1263.616 | 0.0 | -93.069 | -92.099 | 0.0 |
| 132 | 16395 | 16396 | SN | 1 | 57.554 | 58.25  | 0.0 | 0.0   | 299.376 | 3.857 | 1215.0   | 1263.616 | 0.0 | -93.062 | -92.099 | 0.0 |
| 133 | 16396 | 16397 | NS | 1 | 57.478 | 58.17  | 0.0 | 0.0   | 295.212 | 4.109 | 1213.408 | 1262.408 | 0.0 | -93.146 | -92.073 | 0.0 |
| 134 | 16396 | 16397 | NS | 2 | 57.477 | 58.169 | 0.0 | 0.0   | 295.207 | 4.106 | 1213.384 | 1262.44  | 0.0 | -93.146 | -92.073 | 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     | 16367       | 16368     | SN      | 1    | -34.27  | 20.266   | 0.0        | -34.34  | 21.273   | 0.0        | -23.092 | 22.721    | 0.011      | -25.016 | 22.645  | 0.004      | 0.086 | 198.048  | 2.821      | 0.086 | 201.247  | 2.486      | 0.086 | 15.154    | 0.008      | 0.086 | 23.571  | 0.005      |
| 2     | 16367       | 16368     | SN      | 1    | -34.295 | 20.266   | 0.0        | -34.34  | 21.273   | 0.0        | -23.095 | 22.721    | 0.011      | -25.001 | 22.645  | 0.004      | 0.086 | 199.187  | 2.745      | 0.086 | 201.247  | 2.242      | 0.086 | 15.17     | 0.008      | 0.086 | 23.485  | 0.005      |
| 3     | 16367       | 16368     | SN      | 2    | -34.27  | 20.266   | 0.0        | -34.34  | 21.273   | 0.0        | -23.092 | 22.721    | 0.011      | -25.016 | 22.645  | 0.004      | 0.086 | 198.048  | 2.747      | 0.086 | 201.247  | 2.242      | 0.086 | 15.154    | 0.008      | 0.086 | 23.571  | 0.005      |
| 4     | 16368       | 16369     | NS      | 1    | -34.844 | 18.951   | 0.0        | -33.633 | 19.61    | 0.0        | -4.319  | 22.266    | 0.005      | -2.466  | 25.645  | 0.04       | 0.086 | 226.009  | 2.994      | 0.086 | 171.044  | 2.833      | 0.086 | 0.27      | 0.0        | 0.086 | 0.203   | 0.0        |
| 5     | 16368       | 16369     | SN      | 1    | -34.509 | 20.354   | 0.0        | -34.787 | 21.126   | 0.0        | -23.828 | 22.054    | 0.005      | -25.66  | 22.101  | 0.002      | 0.086 | 209.201  | 3.802      | 0.086 | 223.087  | 2.836      | 0.086 | 17.945    | 0.019      | 0.086 | 27.326  | 0.033      |
| 6     | 16368       | 16369     | SN      | 1    | -34.843 | 20.354   | 0.0        | -34.8   | 21.126   | 0.0        | -23.997 | 22.054    | 0.005      | -25.536 | 22.101  | 0.002      | 0.086 | 225.912  | 3.908      | 0.086 | 223.69   | 2.913      | 0.086 | 18.653    | 0.019      | 0.086 | 26.56   | 0.033      |
| 7     | 16368       | 16369     | SN      | 1    | -34.843 | 20.354   | 0.0        | -34.8   | 21.126   | 0.0        | -23.997 | 22.054    | 0.005      | -25.536 | 22.101  | 0.002      | 0.086 | 225.912  | 3.806      | 0.086 | 223.69   | 2.84       | 0.086 | 18.653    | 0.019      | 0.086 | 26.56   | 0.033      |
| 8     | 16369       | 16370     | SN      | 1    | -34.914 | 16.641   | 0.0        | -34.079 | 17.687   | 0.0        | -2.54   | 22.226    | 0.006      | 1.345   | 21.818  | 0.0        | 0.087 | 229.654  | 2.074      | 0.086 | 189.526  | 1.946      | 0.086 | 0.205     | 0.0        | 0.086 | 0.131   | 0.0        |
| 9     | 16369       | 16370     | SN      | 1    | -34.745 | 16.64    | 0.0        | -34.161 | 17.687   | 0.0        | -2.543  | 22.226    | 0.006      | 1.345   | 21.818  | 0.0        | 0.087 | 220.894  | 2.074      | 0.086 | 193.092  | 1.948      | 0.086 | 0.205     | 0.0        | 0.086 | 0.131   | 0.0        |
| 10    | 16369       | 16370     | NS      | 2    | -34.868 | 17.249   | 0.0        | -34.167 | 16.518   | 0.0        | -9.894  | 22.175    | 0.002      | -25.386 | 22.342  | 0.028      | 0.087 | 227.258  | 2.091      | 0.087 | 193.4    | 2.027      | 0.086 | 0.788     | 0.0        | 0.086 | 25.662  | 0.057      |
| 11    | 16369       | 16370     | NS      | 1    | -34.868 | 17.249   | 0.0        | -34.167 | 16.514   | 0.0        | -9.894  | 22.175    | 0.002      | -25.386 | 22.342  | 0.028      | 0.087 | 227.258  | 2.091      | 0.087 | 193.4    | 2.028      | 0.086 | 0.788     | 0.0        | 0.086 | 25.662  | 0.057      |
| 12    | 16369       | 16370     | SN      | 1    | -34.914 | 17.522   | 0.0        | -34.079 | 17.687   | 0.0        | -2.538  | 22.226    | 0.006      | 1.345   | 21.818  | 0.0        | 0.087 | 229.654  | 2.038      | 0.086 | 189.526  | 1.92       | 0.086 | 0.205     | 0.0        | 0.086 | 0.131   | 0.0        |
| 13    | 16370       | 16371     | SN      | 1    | -34.704 | 17.477   | 0.0        | -34.816 | 17.271   | 0.0        | 0.594   | 21.814    | 0.0        | 0.98    | 21.29   | 0.0        | 0.087 | 218.83   | 3.021      | 0.087 | 224.592  | 2.505      | 0.086 | 0.14      | 0.0        | 0.086 | 0.136   | 0.0        |
| 14    | 16370       | 16371     | SN      | 1    | -34.704 | 17.503   | 0.0        | -34.816 | 17.3     | 0.0        | 0.594   | 21.814    | 0.0        | 0.98    | 21.29   | 0.0        | 0.087 | 218.83   | 3.087      | 0.087 | 224.592  | 2.539      | 0.086 | 0.14      | 0.0        | 0.086 | 0.136   | 0.0        |
| 15    | 16370       | 16371     | NS      | 1    | -34.976 | 17.384   | 0.0        | -34.928 | 16.901   | 0.0        | -24.394 | 21.898    | 0.0        | -27.776 | 22.296  | 0.01       | 0.087 | 232.994  | 6.145      | 0.087 | 230.393  | 6.498      | 0.086 | 20.434    | 0.193      | 0.086 | 44.453  | 0.15       |
| 16    | 16370       | 16371     | SN      | 2    | -34.704 | 17.477   | 0.0        | -34.816 | 17.271   | 0.0        | 0.594   | 21.814    | 0.0        | 0.98    | 21.29   | 0.0        | 0.087 | 218.83   | 3.021      | 0.087 | 224.592  | 2.505      | 0.086 | 0.14      | 0.0        | 0.086 | 0.136   | 0.0        |
| 17    | 16370       | 16371     | NS      | 1    | -34.976 | 17.384   | 0.0        | -34.928 | 16.901   | 0.0        | -24.394 | 21.895    | 0.0        | -27.776 | 22.296  | 0.01       | 0.087 | 232.994  | 6.138      | 0.087 | 230.393  | 6.497      | 0.086 | 20.434    | 0.193      | 0.086 | 44.453  | 0.15       |
| 18    | 16371       | 16372     | SN      | 2    | -34.999 | 15.289   | 0.0        | -34.888 | 17.081   | 0.0        | 0.966   | 21.593    | 0.0        | 1.343   | 21.85   | 0.0        | 0.087 | 234.176  | 3.835      | 0.087 | 228.296  | 3.472      | 0.086 | 0.136     | 0.0        | 0.086 | 0.131   | 0.0        |
| 19    | 16371       | 16372     | SN      | 1    | -34.999 | 15.289   | 0.0        | -34.888 | 17.081   | 0.0        | 0.966   | 21.593    | 0.0        | 1.343   | 21.85   | 0.0        | 0.087 | 234.176  | 3.835      | 0.087 | 228.296  | 3.472      | 0.086 | 0.136     | 0.0        | 0.086 | 0.131   | 0.0        |
| 20    | 16371       | 16372     | SN      | 1    | -34.523 | 14.562   | 0.0        | -34.996 | 16.539   | 0.0        | 0.966   | 21.593    | 0.0        | 1.343   | 21.85   | 0.0        | 0.088 | 209.875  | 3.941      | 0.087 | 234.077  | 3.549      | 0.086 | 0.136     | 0.0        | 0.086 | 0.131   | 0.0        |
| 21    | 16371       | 16372     | NS      | 1    | -33.047 | 16.372   | 0.0        | -33.766 | 16.903   | 0.0        | -15.041 | 22.784    | 0.014      | -32.993 | 22.645  | 0.023      | 0.087 | 149.435  | 0.794      | 0.087 | 176.356  | 0.979      | 0.086 | 2.429     | 0.006      | 0.086 | 147.589 | 0.007      |
| 22    | 16371       | 16372     | NS      | 1    | -33.047 | 16.372   | 0.0        | -33.766 | 16.903   | 0.0        | -15.041 | 22.786    | 0.014      | -32.993 | 22.644  | 0.023      | 0.087 | 149.435  | 0.793      | 0.087 | 176.356  | 0.977      | 0.086 | 2.429     | 0.006      | 0.086 | 147.589 | 0.007      |
| 23    | 16372       | 16373     | SN      | 2    | -34.122 | 15.687   | 0.0        | -34.877 | 17.087   | 0.0        | 0.011   | 21.352    | 0.0        | 1.965   | 21.559  | 0.0        | 0.087 | 191.427  | 4.652      | 0.087 | 227.691  | 3.889      | 0.086 | 0.149     | 0.0        | 0.086 | 0.125   | 0.0        |
| 24    | 16372       | 16373     | NS      | 1    | -34.688 | 16.708   | 0.0        | -33.814 | 18.973   | 0.0        | -25.745 | 21.643    | 0.0        | -23.172 | 22.203  | 0.009      | 0.087 | 218.02   | 3.011      | 0.086 | 178.293  | 2.877      | 0.086 | 27.864    | 0.023      | 0.086 | 15.44   | 0.028      |
| 25    | 16372       | 16373     | SN      | 1    | -34.122 | 15.687   | 0.0        | -34.877 | 17.087   | 0.0        | 0.011   | 21.352    | 0.0        | 1.965   | 21.559  | 0.0        | 0.087 | 191.427  | 4.652      | 0.087 | 227.691  | 3.889      | 0.086 | 0.149     | 0.0        | 0.086 | 0.125   | 0.0        |
| 26    | 16372       | 16373     | NS      | 1    | -34.932 | 16.708   | 0.0        | -34.442 | 18.973   | 0.0        | -25.654 | 21.644    | 0.0        | -23.182 | 22.203  | 0.009      | 0.087 | 230.686  | 3.007      | 0.086 | 206.011  | 2.862      | 0.086 | 27.284    | 0.023      | 0.086 | 15.473  | 0.028      |
| 27    | 16372       | 16373     | SN      | 1    | -34.122 | 15.685   | 0.0        | -34.877 | 15.972   | 0.0        | 0.011   | 21.352    | 0.0        | 1.965   | 21.559  | 0.0        | 0.087 | 191.427  | 4.791      | 0.087 | 227.691  | 4.041      | 0.086 | 0.149     | 0.0        | 0.086 | 0.125   | 0.0        |
| 28    | 16373       | 16374     | SN      | 2    | -34.919 | 15.105   | 0.0        | -34.88  | 17.197   | 0.0        | -0.235  | 22.856    | 0.084      | 1.168   | 22.967  | 0.159      | 0.087 | 229.96   | 6.802      | 0.087 | 227.891  | 5.705      | 0.086 | 0.153     | 0.0        | 0.086 | 0.133   | 0.0        |
| 29    | 16373       | 16374     | SN      | 1    | -34.919 | 15.105   | 0.0        | -34.88  | 15.63    | 0.0        | -0.235  | 22.856    | 0.09       | 1.168   | 22.967  | 0.159      | 0.087 | 229.96   | 7.1        | 0.087 | 227.891  | 6.135      | 0.086 | 0.153     | 0.0        | 0.086 | 0.133   | 0.0        |
| 30    | 16373       | 16374     | NS      | 1    | -34.499 | 20.688   | 0.0        | -34.843 | 21.214   | 0.0        | -23.806 | 22.313    | 0.004      | -27.877 | 22.348  | 0.013      | 0.086 | 208.774  | 4.322      | 0.086 | 225.965  | 4.137      | 0.086 | 17.854    | 0.155      | 0.086 | 45.488  | 0.207      |
| 31    | 16373       | 16374     | SN      | 1    | -34.919 | 15.105   | 0.0        | -34.81  | 17.197   | 0.0        | -0.235  | 22.856    | 0.084      | 1.168   | 22.967  | 0.159      | 0.087 | 229.96   | 6.802      | 0.087 | 224.294  | 5.705      | 0.086 | 0.153     | 0.0        | 0.086 | 0.133   | 0.0        |
| 32    | 16373       | 16374     | NS      | 1    | -34.9   | 20.687   | 0.0        | -34.959 | 21.216   | 0.0        | -23.797 | 22.311    | 0.004      | -27.895 | 22.348  | 0.013      | 0.086 | 228.911  | 4.312      | 0.086 | 232.058  | 4.142      | 0.086 | 17.821    | 0.155      | 0.086 | 45.677  | 0.203      |

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

|    |       |       |    |   |         |        |       |         |        |       |         |        |       |         |        |       |       |         |       |       |         |       |       |         |       |       |        |       |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 33 | 16374 | 16375 | NS | 1 | -34.977 | 20.77  | 0.0   | -34.945 | 21.058 | 0.0   | 1.861   | 22.112 | 0.012 | 0.458   | 22.904 | 0.098 | 0.086 | 233.082 | 4.315 | 0.086 | 231.32  | 4.206 | 0.086 | 0.126   | 0.0   | 0.086 | 0.142  | 0.0   |
| 34 | 16374 | 16375 | SN | 1 | -34.612 | 15.258 | 0.0   | -34.301 | 16.318 | 0.0   | -11.905 | 22.961 | 0.136 | -9.212  | 25.309 | 0.366 | 0.087 | 214.301 | 5.328 | 0.087 | 199.456 | 4.673 | 0.086 | 1.214   | 0.002 | 0.086 | 0.684  | 0.0   |
| 35 | 16374 | 16375 | SN | 1 | -34.612 | 15.258 | 0.0   | -34.301 | 17.051 | 0.0   | -11.905 | 22.961 | 0.127 | -9.212  | 25.309 | 0.365 | 0.087 | 214.301 | 4.946 | 0.087 | 199.456 | 4.039 | 0.086 | 1.214   | 0.001 | 0.086 | 0.684  | 0.0   |
| 36 | 16374 | 16375 | SN | 1 | -34.612 | 15.258 | 0.0   | -34.441 | 17.051 | 0.0   | -11.916 | 22.961 | 0.127 | -9.212  | 25.308 | 0.365 | 0.087 | 214.289 | 4.959 | 0.087 | 205.946 | 4.043 | 0.086 | 1.216   | 0.001 | 0.086 | 0.684  | 0.0   |
| 37 | 16375 | 16376 | NS | 1 | -34.736 | 22.127 | 0.001 | -34.96  | 21.914 | 0.0   | -2.312  | 22.573 | 0.037 | -2.995  | 23.624 | 0.68  | 0.086 | 220.457 | 3.063 | 0.086 | 232.116 | 3.448 | 0.086 | 0.198   | 0.0   | 0.086 | 0.219  | 0.0   |
| 38 | 16375 | 16376 | SN | 1 | -34.973 | 16.199 | 0.0   | -34.864 | 16.914 | 0.0   | -33.002 | 22.817 | 0.053 | -17.086 | 23.643 | 0.193 | 0.087 | 232.835 | 4.758 | 0.087 | 227.031 | 4.111 | 0.086 | 147.916 | 0.101 | 0.086 | 3.851  | 0.007 |
| 39 | 16375 | 16376 | NS | 2 | -34.736 | 22.127 | 0.001 | -34.96  | 21.914 | 0.0   | -2.312  | 22.573 | 0.037 | -2.995  | 23.624 | 0.682 | 0.086 | 220.457 | 3.063 | 0.086 | 232.116 | 3.446 | 0.086 | 0.198   | 0.0   | 0.086 | 0.219  | 0.0   |
| 40 | 16376 | 16377 | SN | 1 | -34.632 | 19.14  | 0.0   | -34.945 | 19.222 | 0.0   | -8.244  | 23.097 | 0.06  | -7.668  | 23.179 | 0.072 | 0.086 | 215.234 | 2.451 | 0.086 | 231.334 | 1.747 | 0.086 | 0.561   | 0.0   | 0.086 | 0.5    | 0.0   |
| 41 | 16376 | 16377 | NS | 1 | -34.145 | 20.647 | 0.0   | -34.213 | 22.039 | 0.001 | -12.201 | 22.614 | 0.122 | -11.407 | 23.713 | 0.846 | 0.086 | 197.309 | 2.958 | 0.086 | 195.438 | 2.695 | 0.086 | 1.294   | 0.003 | 0.086 | 1.089  | 0.003 |
| 42 | 16377 | 16378 | NS | 1 | -34.581 | 20.685 | 0.0   | -32.884 | 20.924 | 0.0   | -2.687  | 22.514 | 0.011 | -3.781  | 23.502 | 0.411 | 0.086 | 212.725 | 3.034 | 0.086 | 143.932 | 2.447 | 0.086 | 0.209   | 0.0   | 0.086 | 0.247  | 0.0   |
| 43 | 16377 | 16378 | SN | 1 | -34.965 | 18.722 | 0.0   | -34.772 | 20.249 | 0.0   | -34.137 | 23.213 | 0.077 | -28.783 | 22.876 | 0.062 | 0.086 | 232.37  | 6.677 | 0.086 | 222.241 | 6.525 | 0.086 | 192.088 | 0.155 | 0.086 | 56.03  | 0.023 |
| 44 | 16377 | 16378 | SN | 1 | -34.988 | 18.727 | 0.0   | -34.878 | 20.258 | 0.0   | -28.594 | 23.213 | 0.071 | -20.101 | 22.876 | 0.062 | 0.086 | 233.637 | 6.658 | 0.086 | 227.795 | 6.353 | 0.086 | 53.643  | 0.149 | 0.086 | 7.644  | 0.022 |
| 45 | 16377 | 16378 | NS | 1 | -34.779 | 20.685 | 0.0   | -32.884 | 20.924 | 0.0   | -2.687  | 22.514 | 0.011 | -3.781  | 23.501 | 0.411 | 0.086 | 222.634 | 3.033 | 0.086 | 143.932 | 2.447 | 0.086 | 0.209   | 0.0   | 0.086 | 0.247  | 0.0   |
| 46 | 16378 | 16379 | NS | 1 | -34.764 | 21.275 | 0.0   | -33.262 | 21.14  | 0.0   | -5.123  | 22.15  | 0.009 | -4.741  | 23.326 | 0.474 | 0.086 | 221.88  | 1.883 | 0.086 | 157.006 | 1.853 | 0.086 | 0.31    | 0.0   | 0.086 | 0.29   | 0.0   |
| 47 | 16378 | 16379 | NS | 1 | -34.764 | 21.275 | 0.0   | -33.262 | 21.14  | 0.0   | -5.123  | 22.15  | 0.01  | -4.741  | 23.335 | 0.515 | 0.086 | 221.88  | 1.885 | 0.086 | 157.006 | 1.853 | 0.086 | 0.31    | 0.0   | 0.086 | 0.29   | 0.0   |
| 48 | 16378 | 16379 | NS | 1 | -34.764 | 21.275 | 0.0   | -33.262 | 21.14  | 0.0   | -5.123  | 22.15  | 0.009 | -4.741  | 23.326 | 0.474 | 0.086 | 221.88  | 1.885 | 0.086 | 157.006 | 1.848 | 0.086 | 0.31    | 0.0   | 0.086 | 0.29   | 0.0   |
| 49 | 16378 | 16379 | SN | 1 | -34.623 | 17.614 | 0.0   | -34.942 | 17.853 | 0.0   | -33.799 | 22.925 | 0.038 | -24.537 | 23.058 | 0.048 | 0.087 | 214.768 | 3.158 | 0.086 | 231.148 | 2.907 | 0.086 | 177.683 | 0.045 | 0.086 | 21.111 | 0.064 |
| 50 | 16378 | 16379 | SN | 1 | -34.623 | 17.613 | 0.0   | -34.942 | 17.854 | 0.0   | -33.799 | 22.925 | 0.038 | -24.537 | 23.057 | 0.048 | 0.087 | 214.768 | 3.156 | 0.086 | 231.148 | 2.909 | 0.086 | 177.683 | 0.045 | 0.086 | 21.111 | 0.064 |
| 51 | 16379 | 16380 | SN | 1 | -34.383 | 17.2   | 0.0   | -34.181 | 17.918 | 0.0   | -31.744 | 22.74  | 0.153 | -24.41  | 23.614 | 0.208 | 0.087 | 203.237 | 2.479 | 0.086 | 193.982 | 2.286 | 0.086 | 110.734 | 0.069 | 0.086 | 20.507 | 0.118 |
| 52 | 16379 | 16380 | NS | 1 | -34.544 | 20.858 | 0.0   | -33.76  | 16.873 | 0.0   | -1.666  | 22.819 | 0.037 | -1.797  | 23.069 | 0.731 | 0.086 | 210.922 | 1.976 | 0.087 | 176.062 | 2.049 | 0.086 | 0.182   | 0.0   | 0.086 | 0.185  | 0.0   |
| 53 | 16379 | 16380 | SN | 1 | -34.513 | 17.195 | 0.0   | -34.181 | 17.918 | 0.0   | -31.744 | 22.74  | 0.154 | -24.41  | 23.614 | 0.208 | 0.087 | 209.428 | 2.479 | 0.086 | 193.982 | 2.286 | 0.086 | 110.734 | 0.069 | 0.086 | 20.507 | 0.118 |
| 54 | 16379 | 16380 | NS | 1 | -34.544 | 20.858 | 0.0   | -33.76  | 16.873 | 0.0   | -1.666  | 22.819 | 0.024 | -1.797  | 23.046 | 0.521 | 0.086 | 210.922 | 1.968 | 0.087 | 176.062 | 2.046 | 0.086 | 0.182   | 0.0   | 0.086 | 0.185  | 0.0   |
| 55 | 16379 | 16380 | NS | 2 | -34.544 | 20.858 | 0.0   | -33.76  | 16.873 | 0.0   | -1.666  | 22.819 | 0.024 | -1.797  | 23.046 | 0.521 | 0.086 | 210.922 | 1.968 | 0.087 | 176.062 | 2.046 | 0.086 | 0.182   | 0.0   | 0.086 | 0.185  | 0.0   |
| 56 | 16380 | 16381 | SN | 1 | -34.823 | 16.898 | 0.0   | -34.287 | 17.792 | 0.0   | -0.258  | 23.145 | 0.155 | -0.529  | 23.3   | 0.772 | 0.087 | 224.876 | 3.087 | 0.086 | 198.82  | 2.832 | 0.086 | 0.153   | 0.0   | 0.086 | 0.158  | 0.0   |
| 57 | 16380 | 16381 | NS | 1 | -34.936 | 20.212 | 0.0   | -34.917 | 19.711 | 0.0   | 1.882   | 22.34  | 0.053 | 2.79    | 22.737 | 0.162 | 0.086 | 230.854 | 4.137 | 0.086 | 229.844 | 3.615 | 0.086 | 0.126   | 0.0   | 0.086 | 0.118  | 0.0   |
| 58 | 16380 | 16381 | SN | 1 | -34.886 | 16.894 | 0.0   | -34.868 | 17.792 | 0.0   | -0.256  | 23.145 | 0.155 | -0.538  | 23.3   | 0.772 | 0.087 | 228.21  | 3.085 | 0.086 | 227.241 | 2.835 | 0.086 | 0.153   | 0.0   | 0.086 | 0.158  | 0.0   |
| 59 | 16380 | 16381 | NS | 2 | -34.936 | 20.212 | 0.0   | -34.917 | 19.711 | 0.0   | 1.882   | 22.458 | 0.091 | 2.799   | 23.102 | 0.552 | 0.086 | 230.854 | 4.089 | 0.086 | 229.844 | 3.616 | 0.086 | 0.126   | 0.0   | 0.086 | 0.117  | 0.0   |
| 60 | 16380 | 16381 | NS | 1 | -34.936 | 20.212 | 0.0   | -34.917 | 19.711 | 0.0   | 1.882   | 22.458 | 0.091 | 2.799   | 23.102 | 0.552 | 0.086 | 230.854 | 4.09  | 0.086 | 229.844 | 3.616 | 0.086 | 0.126   | 0.0   | 0.086 | 0.117  | 0.0   |
| 61 | 16381 | 16382 | NS | 1 | -34.929 | 17.67  | 0.0   | -34.852 | 17.112 | 0.0   | 0.975   | 23.024 | 0.189 | 0.774   | 23.428 | 0.477 | 0.087 | 230.527 | 5.123 | 0.087 | 226.408 | 5.063 | 0.086 | 0.136   | 0.0   | 0.086 | 0.138  | 0.0   |
| 62 | 16381 | 16382 | NS | 2 | -34.929 | 17.67  | 0.0   | -34.914 | 17.112 | 0.0   | 0.975   | 23.024 | 0.189 | 0.774   | 23.428 | 0.477 | 0.087 | 230.527 | 5.124 | 0.087 | 229.647 | 5.067 | 0.086 | 0.136   | 0.0   | 0.086 | 0.138  | 0.0   |
| 63 | 16381 | 16382 | SN | 1 | -34.4   | 14.759 | 0.0   | -33.387 | 15.699 | 0.0   | 1.575   | 22.384 | 0.007 | -0.127  | 22.19  | 0.007 | 0.088 | 204.068 | 5.553 | 0.087 | 161.614 | 4.069 | 0.086 | 0.129   | 0.0   | 0.086 | 0.151  | 0.0   |
| 64 | 16381 | 16382 | NS | 1 | -34.929 | 17.67  | 0.0   | -34.804 | 17.153 | 0.0   | 0.975   | 21.123 | 0.0   | 0.761   | 20.43  | 0.0   | 0.087 | 230.527 | 5.093 | 0.087 | 223.941 | 5.106 | 0.086 | 0.136   | 0.0   | 0.086 | 0.138  | 0.0   |
| 65 | 16381 | 16382 | SN | 1 | -34.728 | 14.757 | 0.0   | -34.976 | 15.701 | 0.0   | 1.572   | 22.385 | 0.007 | -0.125  | 22.19  | 0.007 | 0.088 | 220.079 | 5.546 | 0.087 | 232.937 | 4.07  | 0.086 | 0.129   | 0.0   | 0.086 | 0.151  | 0.0   |
| 66 | 16381 | 16382 | SN | 2 | -34.728 | 14.757 | 0.0   | -34.976 | 15.701 | 0.0   | 1.572   | 22.385 | 0.007 | -0.125  | 22.19  | 0.007 | 0.088 | 220.079 | 5.548 | 0.087 | 232.937 | 4.069 | 0.086 | 0.129   | 0.0   | 0.086 | 0.151  | 0.0   |
| 67 | 16382 | 16383 | NS | 1 | -33.973 | 19.262 | 0.0   | -33.215 | 18.679 | 0.0   | -0.584  | 23.895 | 0.009 | -0.707  | 24.44  | 0.051 | 0.086 | 184.994 | 3.282 | 0.086 | 155.348 | 3.178 | 0.086 | 0.159   | 0.0   | 0.086 | 0.161  | 0.0   |
| 68 | 16382 | 16383 | SN | 2 | -34.998 | 20.264 | 0.0   | -33.992 | 20.325 | 0.0   | -23.872 | 22.167 | 0.009 | -12.516 | 22.911 | 0.008 | 0.086 | 234.096 | 2.853 | 0.086 | 185.732 | 2.08  | 0.086 | 18.128  | 0.007 | 0.086 | 1.387  | 0.002 |
| 69 | 16382 | 16383 | SN | 1 | -34.998 | 20.264 | 0.0   | -33.992 | 20.325 | 0.0   | -23.872 | 22.167 | 0.009 | -12.516 | 22.911 | 0.008 | 0.086 | 234.096 | 2.853 | 0.086 | 185.732 | 2.08  | 0.086 | 18.128  | 0.007 | 0.086 | 1.387  | 0.002 |

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

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



|     |       |       |    |   |         |        |       |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |        |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70  | 16382 | 16383 | SN | 1 | -34.998 | 20.264 | 0.0   | -33.992 | 20.325 | 0.0 | -23.949 | 22.167 | 0.009 | -12.62  | 22.911 | 0.008 | 0.086 | 234.096 | 2.988 | 0.086 | 185.732 | 2.193 | 0.086 | 18.451 | 0.007 | 0.086 | 1.419  | 0.002 |
| 71  | 16383 | 16384 | SN | 1 | -34.697 | 20.382 | 0.0   | -34.923 | 20.806 | 0.0 | -19.071 | 21.855 | 0.0   | -19.345 | 21.861 | 0.0   | 0.086 | 218.531 | 2.451 | 0.086 | 230.175 | 2.406 | 0.086 | 6.044  | 0.008 | 0.086 | 6.432  | 0.002 |
| 72  | 16383 | 16384 | SN | 1 | -34.697 | 20.382 | 0.0   | -34.923 | 20.806 | 0.0 | -19.071 | 21.855 | 0.0   | -19.345 | 21.861 | 0.0   | 0.086 | 218.531 | 2.405 | 0.086 | 230.175 | 2.369 | 0.086 | 6.044  | 0.008 | 0.086 | 6.432  | 0.002 |
| 73  | 16383 | 16384 | NS | 1 | -34.826 | 18.445 | 0.0   | -33.893 | 18.617 | 0.0 | -13.452 | 22.203 | 0.005 | -7.916  | 22.768 | 0.022 | 0.086 | 225.063 | 1.503 | 0.086 | 181.546 | 1.556 | 0.086 | 1.704  | 0.002 | 0.086 | 0.525  | 0.0   |
| 74  | 16383 | 16384 | NS | 1 | -34.434 | 18.445 | 0.0   | -33.494 | 18.617 | 0.0 | -13.451 | 22.203 | 0.005 | -7.931  | 22.769 | 0.022 | 0.086 | 205.672 | 1.506 | 0.086 | 165.622 | 1.557 | 0.086 | 1.704  | 0.002 | 0.086 | 0.527  | 0.0   |
| 75  | 16383 | 16384 | SN | 1 | -34.7   | 20.382 | 0.0   | -34.9   | 20.806 | 0.0 | -19.065 | 21.855 | 0.0   | -19.343 | 21.861 | 0.0   | 0.086 | 218.653 | 2.448 | 0.086 | 228.93  | 2.409 | 0.086 | 6.034  | 0.008 | 0.086 | 6.431  | 0.002 |
| 76  | 16384 | 16385 | SN | 2 | -34.922 | 17.45  | 0.0   | -34.905 | 17.625 | 0.0 | 0.455   | 22.118 | 0.005 | 1.462   | 21.132 | 0.0   | 0.087 | 230.083 | 2.81  | 0.087 | 229.181 | 2.252 | 0.086 | 0.142  | 0.0   | 0.086 | 0.13   | 0.0   |
| 77  | 16384 | 16385 | SN | 1 | -34.789 | 16.983 | 0.0   | -34.905 | 17.624 | 0.0 | 0.455   | 22.118 | 0.005 | 1.462   | 21.132 | 0.0   | 0.087 | 223.121 | 2.855 | 0.087 | 229.181 | 2.28  | 0.086 | 0.142  | 0.0   | 0.086 | 0.13   | 0.0   |
| 78  | 16384 | 16385 | NS | 1 | -34.998 | 17.489 | 0.0   | -34.92  | 15.712 | 0.0 | -8.582  | 21.703 | 0.0   | -30.038 | 22.152 | 0.008 | 0.087 | 234.113 | 4.082 | 0.087 | 230.033 | 3.937 | 0.086 | 0.601  | 0.0   | 0.086 | 74.776 | 0.064 |
| 79  | 16384 | 16385 | SN | 1 | -34.922 | 17.45  | 0.0   | -34.905 | 17.625 | 0.0 | 0.455   | 22.118 | 0.005 | 1.462   | 21.132 | 0.0   | 0.087 | 230.083 | 2.81  | 0.087 | 229.181 | 2.252 | 0.086 | 0.142  | 0.0   | 0.086 | 0.13   | 0.0   |
| 80  | 16384 | 16385 | NS | 1 | -34.673 | 17.491 | 0.0   | -34.826 | 15.713 | 0.0 | -8.596  | 21.703 | 0.0   | -28.721 | 22.152 | 0.008 | 0.087 | 217.24  | 4.086 | 0.087 | 225.038 | 3.926 | 0.086 | 0.602  | 0.0   | 0.086 | 55.234 | 0.064 |
| 81  | 16385 | 16386 | NS | 1 | -34.227 | 17.189 | 0.0   | -34.889 | 17.378 | 0.0 | -21.723 | 22.718 | 0.006 | -25.623 | 22.704 | 0.007 | 0.087 | 196.104 | 4.079 | 0.087 | 228.338 | 4.64  | 0.086 | 11.076 | 0.026 | 0.086 | 27.098 | 0.062 |
| 82  | 16385 | 16386 | SN | 1 | -34.778 | 16.233 | 0.0   | -34.934 | 16.524 | 0.0 | 0.005   | 22.037 | 0.006 | 0.69    | 21.954 | 0.0   | 0.087 | 222.605 | 3.949 | 0.087 | 230.708 | 3.505 | 0.086 | 0.149  | 0.0   | 0.086 | 0.139  | 0.0   |
| 83  | 16385 | 16386 | SN | 1 | -34.849 | 16.233 | 0.0   | -34.721 | 16.524 | 0.0 | 0.005   | 22.037 | 0.006 | 0.69    | 21.954 | 0.0   | 0.087 | 226.28  | 3.959 | 0.087 | 219.641 | 3.503 | 0.086 | 0.149  | 0.0   | 0.086 | 0.139  | 0.0   |
| 84  | 16385 | 16386 | SN | 1 | -34.849 | 15.644 | 0.0   | -34.721 | 16.439 | 0.0 | 0.005   | 22.037 | 0.006 | 0.69    | 21.954 | 0.0   | 0.087 | 226.28  | 4.045 | 0.087 | 219.641 | 3.557 | 0.086 | 0.149  | 0.0   | 0.086 | 0.139  | 0.0   |
| 85  | 16385 | 16386 | NS | 2 | -34.063 | 17.189 | 0.0   | -34.903 | 17.378 | 0.0 | -21.723 | 22.718 | 0.006 | -25.623 | 22.704 | 0.007 | 0.087 | 188.848 | 4.078 | 0.087 | 229.142 | 4.64  | 0.086 | 11.074 | 0.026 | 0.086 | 27.097 | 0.062 |
| 86  | 16386 | 16387 | NS | 1 | -34.875 | 16.644 | 0.0   | -34.719 | 17.076 | 0.0 | -21.591 | 23.642 | 0.008 | -30.141 | 22.676 | 0.008 | 0.087 | 227.649 | 2.581 | 0.087 | 219.572 | 2.814 | 0.086 | 10.746 | 0.012 | 0.086 | 76.581 | 0.009 |
| 87  | 16386 | 16387 | SN | 1 | -34.827 | 15.362 | 0.0   | -34.762 | 15.913 | 0.0 | -0.023  | 21.556 | 0.0   | 1.97    | 22.28  | 0.026 | 0.087 | 225.163 | 3.104 | 0.087 | 221.788 | 2.611 | 0.086 | 0.15   | 0.0   | 0.086 | 0.125  | 0.0   |
| 88  | 16386 | 16387 | NS | 2 | -34.875 | 16.644 | 0.0   | -34.569 | 17.076 | 0.0 | -21.6   | 23.642 | 0.008 | -30.141 | 22.676 | 0.008 | 0.087 | 227.649 | 2.581 | 0.087 | 212.108 | 2.814 | 0.086 | 10.771 | 0.012 | 0.086 | 76.581 | 0.009 |
| 89  | 16386 | 16387 | SN | 1 | -34.663 | 15.362 | 0.0   | -34.762 | 16.979 | 0.0 | -0.023  | 21.556 | 0.0   | 1.97    | 22.28  | 0.024 | 0.087 | 216.835 | 3.015 | 0.087 | 221.788 | 2.54  | 0.086 | 0.15   | 0.0   | 0.086 | 0.125  | 0.0   |
| 90  | 16386 | 16387 | SN | 1 | -34.707 | 15.362 | 0.0   | -34.597 | 16.979 | 0.0 | -0.023  | 21.556 | 0.0   | 1.97    | 22.28  | 0.024 | 0.087 | 224.565 | 3.01  | 0.087 | 213.532 | 2.54  | 0.086 | 0.15   | 0.0   | 0.086 | 0.125  | 0.0   |
| 91  | 16387 | 16388 | SN | 1 | -34.894 | 15.48  | 0.0   | -34.977 | 17.237 | 0.0 | -0.411  | 21.864 | 0.0   | 2.756   | 21.378 | 0.0   | 0.087 | 228.641 | 2.512 | 0.087 | 233.031 | 2.016 | 0.086 | 0.156  | 0.0   | 0.086 | 0.118  | 0.0   |
| 92  | 16387 | 16388 | NS | 1 | -34.6   | 16.312 | 0.0   | -34.762 | 17.55  | 0.0 | -30.556 | 21.768 | 0.0   | -17.165 | 22.518 | 0.01  | 0.087 | 213.694 | 2.866 | 0.087 | 221.781 | 2.919 | 0.086 | 84.248 | 0.177 | 0.086 | 3.92   | 0.023 |
| 93  | 16387 | 16388 | NS | 1 | -34.6   | 16.312 | 0.0   | -34.762 | 17.55  | 0.0 | -30.564 | 21.767 | 0.0   | -17.165 | 22.52  | 0.01  | 0.087 | 213.694 | 2.86  | 0.087 | 221.781 | 2.909 | 0.086 | 84.406 | 0.177 | 0.086 | 3.92   | 0.023 |
| 94  | 16387 | 16388 | SN | 1 | -34.894 | 15.48  | 0.0   | -34.977 | 15.571 | 0.0 | -0.411  | 21.864 | 0.0   | 2.756   | 21.378 | 0.0   | 0.087 | 228.641 | 2.594 | 0.087 | 233.031 | 2.071 | 0.086 | 0.156  | 0.0   | 0.086 | 0.118  | 0.0   |
| 95  | 16387 | 16388 | SN | 2 | -34.894 | 15.48  | 0.0   | -34.977 | 17.237 | 0.0 | -0.411  | 21.864 | 0.0   | 2.756   | 21.378 | 0.0   | 0.087 | 228.641 | 2.512 | 0.087 | 233.031 | 2.016 | 0.086 | 0.156  | 0.0   | 0.086 | 0.118  | 0.0   |
| 96  | 16388 | 16389 | SN | 1 | -34.826 | 16.856 | 0.0   | -34.888 | 17.214 | 0.0 | -9.764  | 23.103 | 0.091 | -7.999  | 25.124 | 0.259 | 0.087 | 225.095 | 5.113 | 0.087 | 228.262 | 4.05  | 0.086 | 0.767  | 0.0   | 0.086 | 0.534  | 0.0   |
| 97  | 16388 | 16389 | SN | 1 | -34.826 | 16.856 | 0.0   | -34.888 | 16.59  | 0.0 | -9.809  | 23.103 | 0.098 | -7.999  | 25.124 | 0.26  | 0.087 | 225.095 | 5.295 | 0.087 | 228.262 | 4.341 | 0.086 | 0.774  | 0.0   | 0.086 | 0.534  | 0.0   |
| 98  | 16388 | 16389 | NS | 1 | -34.932 | 20.153 | 0.0   | -34.66  | 20.657 | 0.0 | 2.804   | 22.636 | 0.045 | 1.714   | 22.781 | 0.051 | 0.086 | 230.656 | 2.504 | 0.086 | 216.613 | 2.488 | 0.086 | 0.117  | 0.0   | 0.086 | 0.127  | 0.0   |
| 99  | 16388 | 16389 | SN | 2 | -34.826 | 16.856 | 0.0   | -34.888 | 17.214 | 0.0 | -9.764  | 23.103 | 0.091 | -7.999  | 25.124 | 0.259 | 0.087 | 225.095 | 5.113 | 0.087 | 228.262 | 4.05  | 0.086 | 0.767  | 0.0   | 0.086 | 0.534  | 0.0   |
| 100 | 16388 | 16389 | NS | 1 | -34.501 | 20.152 | 0.0   | -34.696 | 20.656 | 0.0 | 2.802   | 22.636 | 0.045 | 1.714   | 22.781 | 0.051 | 0.086 | 208.826 | 2.501 | 0.086 | 218.42  | 2.491 | 0.086 | 0.117  | 0.0   | 0.086 | 0.127  | 0.0   |
| 101 | 16389 | 16390 | NS | 1 | -34.386 | 16.858 | 0.0   | -34.8   | 16.909 | 0.0 | -2.988  | 22.449 | 0.043 | 0.822   | 23.433 | 0.334 | 0.087 | 203.423 | 2.872 | 0.087 | 223.73  | 2.722 | 0.086 | 0.219  | 0.0   | 0.086 | 0.138  | 0.0   |
| 102 | 16389 | 16390 | NS | 1 | -34.864 | 16.858 | 0.0   | -34.953 | 16.901 | 0.0 | -2.988  | 22.449 | 0.043 | 0.812   | 23.433 | 0.336 | 0.087 | 227.082 | 2.875 | 0.087 | 231.711 | 2.725 | 0.086 | 0.219  | 0.0   | 0.086 | 0.138  | 0.0   |
| 103 | 16389 | 16390 | SN | 1 | -33.777 | 16.354 | 0.0   | -34.973 | 17.115 | 0.0 | -14.902 | 22.752 | 0.061 | -7.841  | 23.3   | 0.289 | 0.087 | 176.813 | 3.917 | 0.087 | 232.816 | 3.562 | 0.086 | 2.354  | 0.001 | 0.086 | 0.517  | 0.0   |
| 104 | 16389 | 16390 | SN | 2 | -33.777 | 16.354 | 0.0   | -34.973 | 17.115 | 0.0 | -14.902 | 22.752 | 0.061 | -7.841  | 23.3   | 0.289 | 0.087 | 176.813 | 3.917 | 0.087 | 232.816 | 3.562 | 0.086 | 2.354  | 0.001 | 0.086 | 0.517  | 0.0   |
| 105 | 16389 | 16390 | SN | 1 | -33.777 | 16.354 | 0.0   | -34.973 | 17.064 | 0.0 | -14.897 | 22.752 | 0.067 | -7.841  | 23.3   | 0.269 | 0.087 | 176.813 | 3.884 | 0.087 | 232.816 | 3.93  | 0.086 | 2.352  | 0.002 | 0.086 | 0.517  | 0.0   |
| 106 | 16390 | 16391 | NS | 1 | -34.782 | 22.396 | 0.001 | -34.676 | 20.548 | 0.0 | -4.101  | 22.769 | 0.16  | -5.394  | 23.473 | 1.039 | 0.086 | 222.823 | 2.239 | 0.086 | 217.43  | 1.951 | 0.086 | 0.26   | 0.0   | 0.086 | 0.325  | 0.0   |

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

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors

|     |       |       |    |   |         |        |       |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |        |       |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 107 | 16390 | 16391 | SN | 2 | -34.368 | 17.095 | 0.0   | -34.916 | 17.2   | 0.0 | -27.085 | 22.563 | 0.048 | -5.753  | 23.453 | 0.108 | 0.087 | 202.515 | 4.079 | 0.087 | 229.736 | 3.068 | 0.086 | 37.909 | 0.033 | 0.086 | 0.347  | 0.0   |
| 108 | 16390 | 16391 | NS | 1 | -34.444 | 22.398 | 0.001 | -34.485 | 20.549 | 0.0 | -4.107  | 22.769 | 0.16  | -5.391  | 23.473 | 1.046 | 0.086 | 206.124 | 2.232 | 0.086 | 208.132 | 1.95  | 0.086 | 0.261  | 0.0   | 0.086 | 0.325  | 0.0   |
| 109 | 16390 | 16391 | SN | 1 | -34.368 | 17.095 | 0.0   | -34.916 | 17.2   | 0.0 | -27.085 | 22.563 | 0.048 | -5.753  | 23.453 | 0.108 | 0.087 | 202.515 | 4.079 | 0.087 | 229.736 | 3.068 | 0.086 | 37.909 | 0.033 | 0.086 | 0.347  | 0.0   |
| 110 | 16391 | 16392 | NS | 2 | -34.563 | 21.521 | 0.0   | -34.473 | 18.264 | 0.0 | -6.294  | 22.552 | 0.013 | -12.416 | 23.765 | 0.558 | 0.086 | 211.835 | 2.226 | 0.086 | 207.527 | 2.27  | 0.086 | 0.384  | 0.0   | 0.086 | 1.357  | 0.002 |
| 111 | 16391 | 16392 | SN | 1 | -34.889 | 19.432 | 0.0   | -34.815 | 19.138 | 0.0 | -30.599 | 22.953 | 0.063 | -27.575 | 23.069 | 0.068 | 0.086 | 228.336 | 5.281 | 0.086 | 224.491 | 4.499 | 0.086 | 85.073 | 0.164 | 0.086 | 42.435 | 0.125 |
| 112 | 16391 | 16392 | NS | 1 | -34.563 | 21.521 | 0.0   | -34.473 | 18.264 | 0.0 | -6.294  | 22.552 | 0.013 | -12.416 | 23.765 | 0.558 | 0.086 | 211.835 | 2.226 | 0.086 | 207.527 | 2.27  | 0.086 | 0.384  | 0.0   | 0.086 | 1.357  | 0.002 |
| 113 | 16392 | 16393 | NS | 1 | -34.144 | 18.289 | 0.0   | -32.942 | 21.109 | 0.0 | -4.808  | 23.181 | 0.024 | -6.805  | 23.442 | 0.471 | 0.086 | 192.342 | 2.224 | 0.086 | 145.876 | 2.251 | 0.086 | 0.293  | 0.0   | 0.086 | 0.422  | 0.0   |
| 114 | 16392 | 16393 | SN | 1 | -34.51  | 18.747 | 0.0   | -34.772 | 19.324 | 0.0 | -25.494 | 22.959 | 0.045 | -18.178 | 23.201 | 0.056 | 0.086 | 209.287 | 3.342 | 0.086 | 222.286 | 2.942 | 0.086 | 26.303 | 0.044 | 0.086 | 4.933  | 0.009 |
| 115 | 16392 | 16393 | NS | 1 | -34.144 | 18.289 | 0.0   | -32.942 | 21.109 | 0.0 | -4.808  | 23.181 | 0.025 | -6.805  | 23.442 | 0.482 | 0.086 | 192.342 | 2.226 | 0.086 | 145.876 | 2.251 | 0.086 | 0.293  | 0.0   | 0.086 | 0.422  | 0.0   |
| 116 | 16392 | 16393 | SN | 1 | -34.598 | 18.747 | 0.0   | -34.676 | 19.324 | 0.0 | -26.071 | 22.959 | 0.045 | -18.168 | 23.201 | 0.056 | 0.086 | 213.577 | 3.337 | 0.086 | 217.423 | 2.951 | 0.086 | 30.034 | 0.044 | 0.086 | 4.921  | 0.009 |
| 117 | 16393 | 16394 | NS | 1 | -34.64  | 20.733 | 0.0   | -34.874 | 20.984 | 0.0 | 1.304   | 22.638 | 0.023 | 0.195   | 23.176 | 0.451 | 0.086 | 215.674 | 3.136 | 0.086 | 227.53  | 2.741 | 0.086 | 0.132  | 0.0   | 0.086 | 0.146  | 0.0   |
| 118 | 16393 | 16394 | NS | 1 | -34.64  | 20.733 | 0.0   | -34.874 | 20.984 | 0.0 | 1.304   | 22.638 | 0.028 | 0.195   | 23.176 | 0.547 | 0.086 | 215.674 | 3.144 | 0.086 | 227.53  | 2.74  | 0.086 | 0.132  | 0.0   | 0.086 | 0.146  | 0.0   |
| 119 | 16393 | 16394 | SN | 1 | -34.747 | 16.976 | 0.0   | -34.73  | 17.958 | 0.0 | -22.159 | 22.724 | 0.087 | -13.29  | 23.08  | 0.092 | 0.087 | 221.015 | 3.966 | 0.086 | 220.15  | 3.643 | 0.086 | 12.239 | 0.012 | 0.086 | 1.644  | 0.011 |
| 120 | 16393 | 16394 | SN | 2 | -34.747 | 16.976 | 0.0   | -34.73  | 17.958 | 0.0 | -22.159 | 22.724 | 0.087 | -13.29  | 23.08  | 0.092 | 0.087 | 221.015 | 3.944 | 0.086 | 220.15  | 3.632 | 0.086 | 12.239 | 0.012 | 0.086 | 1.644  | 0.011 |
| 121 | 16393 | 16394 | NS | 2 | -34.64  | 20.733 | 0.0   | -34.874 | 20.984 | 0.0 | 1.304   | 22.638 | 0.023 | 0.195   | 23.176 | 0.451 | 0.086 | 215.674 | 3.137 | 0.086 | 227.53  | 2.742 | 0.086 | 0.132  | 0.0   | 0.086 | 0.146  | 0.0   |
| 122 | 16394 | 16395 | SN | 2 | -34.467 | 17.429 | 0.0   | -34.897 | 18.188 | 0.0 | -27.736 | 23.046 | 0.174 | -22.824 | 22.942 | 0.434 | 0.087 | 207.239 | 3.378 | 0.086 | 228.737 | 2.98  | 0.086 | 44.043 | 0.147 | 0.086 | 14.255 | 0.083 |
| 123 | 16394 | 16395 | NS | 1 | -34.117 | 21.649 | 0.0   | -34.891 | 17.652 | 0.0 | 1.134   | 22.67  | 0.013 | 1.752   | 23.499 | 0.553 | 0.086 | 191.192 | 2.322 | 0.087 | 228.417 | 2.083 | 0.086 | 0.134  | 0.0   | 0.086 | 0.127  | 0.0   |
| 124 | 16394 | 16395 | NS | 1 | -34.97  | 21.649 | 0.0   | -34.891 | 17.652 | 0.0 | 1.15    | 22.67  | 0.028 | 1.764   | 23.502 | 0.81  | 0.086 | 232.641 | 2.341 | 0.087 | 228.417 | 2.081 | 0.086 | 0.133  | 0.0   | 0.086 | 0.127  | 0.0   |
| 125 | 16394 | 16395 | NS | 1 | -34.97  | 21.649 | 0.0   | -34.891 | 17.652 | 0.0 | 1.134   | 22.67  | 0.013 | 1.752   | 23.499 | 0.553 | 0.086 | 232.641 | 2.333 | 0.087 | 228.417 | 2.081 | 0.086 | 0.134  | 0.0   | 0.086 | 0.127  | 0.0   |
| 126 | 16394 | 16395 | SN | 1 | -34.467 | 17.429 | 0.0   | -34.875 | 18.188 | 0.0 | -27.736 | 23.046 | 0.174 | -22.833 | 22.942 | 0.435 | 0.087 | 207.239 | 3.364 | 0.086 | 227.643 | 2.968 | 0.086 | 44.043 | 0.147 | 0.086 | 14.283 | 0.084 |
| 127 | 16395 | 16396 | NS | 1 | -34.583 | 20.445 | 0.0   | -34.824 | 17.588 | 0.0 | 1.233   | 21.655 | 0.0   | 2.143   | 20.738 | 0.0   | 0.086 | 212.854 | 3.2   | 0.087 | 224.998 | 2.853 | 0.086 | 0.132  | 0.0   | 0.086 | 0.123  | 0.0   |
| 128 | 16395 | 16396 | SN | 1 | -34.623 | 15.781 | 0.0   | -34.953 | 15.924 | 0.0 | 1.926   | 22.684 | 0.074 | -0.56   | 23.267 | 0.711 | 0.087 | 214.805 | 2.636 | 0.087 | 231.758 | 2.484 | 0.086 | 0.125  | 0.0   | 0.086 | 0.159  | 0.0   |
| 129 | 16395 | 16396 | NS | 1 | -34.583 | 20.445 | 0.0   | -34.878 | 17.588 | 0.0 | 1.233   | 23.017 | 0.15  | 2.123   | 23.631 | 0.454 | 0.086 | 212.854 | 3.084 | 0.087 | 227.774 | 2.844 | 0.086 | 0.132  | 0.0   | 0.086 | 0.123  | 0.0   |
| 130 | 16395 | 16396 | NS | 1 | -34.977 | 20.445 | 0.0   | -34.575 | 17.588 | 0.0 | 1.235   | 23.017 | 0.15  | 2.123   | 23.631 | 0.455 | 0.086 | 233.018 | 3.061 | 0.087 | 212.416 | 2.83  | 0.086 | 0.132  | 0.0   | 0.086 | 0.123  | 0.0   |
| 131 | 16395 | 16396 | SN | 1 | -34.623 | 16.553 | 0.0   | -34.953 | 17.848 | 0.0 | -3.604  | 22.707 | 0.084 | -0.575  | 23.272 | 0.68  | 0.087 | 214.805 | 2.867 | 0.086 | 231.758 | 2.318 | 0.086 | 0.24   | 0.0   | 0.086 | 0.159  | 0.0   |
| 132 | 16395 | 16396 | SN | 1 | -34.623 | 16.552 | 0.0   | -34.953 | 17.848 | 0.0 | -3.604  | 22.707 | 0.088 | -0.583  | 23.272 | 0.681 | 0.087 | 214.805 | 2.867 | 0.086 | 231.758 | 2.323 | 0.086 | 0.24   | 0.0   | 0.086 | 0.159  | 0.0   |
| 133 | 16396 | 16397 | NS | 1 | -34.85  | 20.297 | 0.0   | -34.567 | 19.268 | 0.0 | -3.468  | 23.193 | 0.097 | 0.812   | 23.677 | 0.188 | 0.086 | 226.334 | 4.202 | 0.086 | 212.03  | 3.825 | 0.086 | 0.235  | 0.0   | 0.086 | 0.138  | 0.0   |
| 134 | 16396 | 16397 | NS | 2 | -34.823 | 20.297 | 0.0   | -34.567 | 19.268 | 0.0 | -3.462  | 23.193 | 0.097 | 0.812   | 23.677 | 0.188 | 0.086 | 224.926 | 4.202 | 0.086 | 212.03  | 3.825 | 0.086 | 0.235  | 0.0   | 0.086 | 0.138  | 0.0   |

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

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors