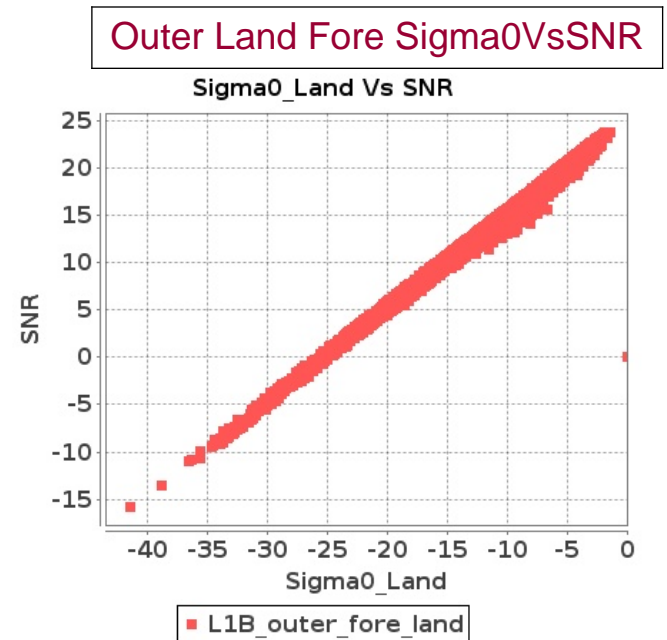
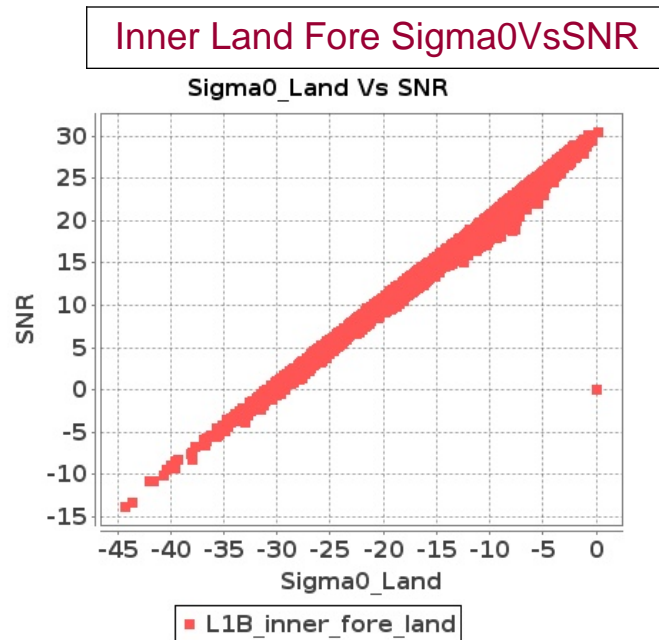
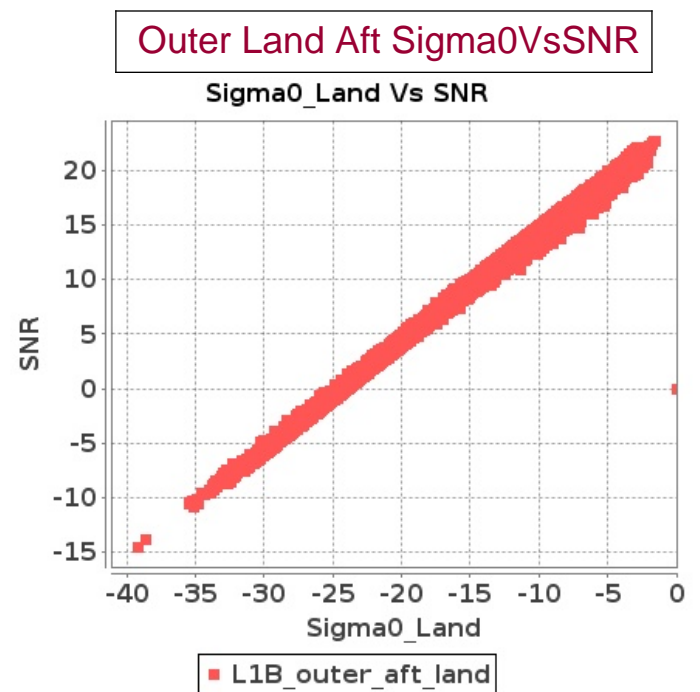
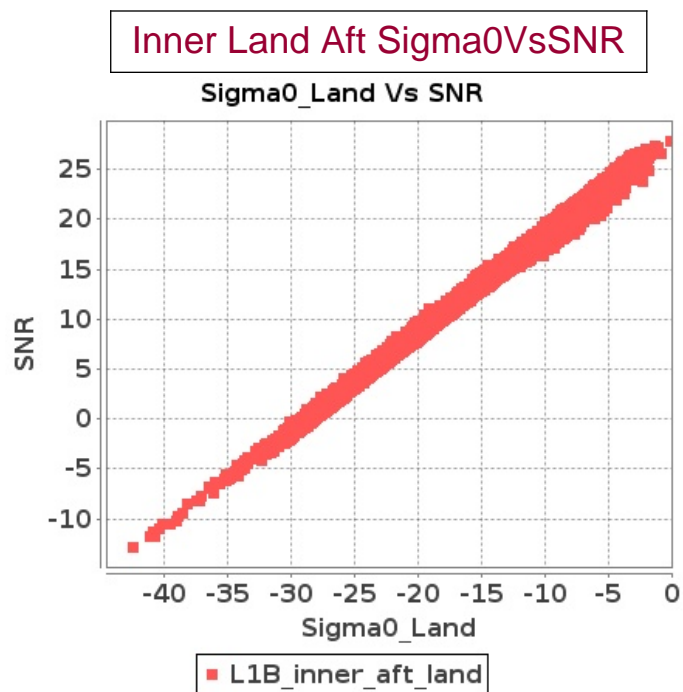
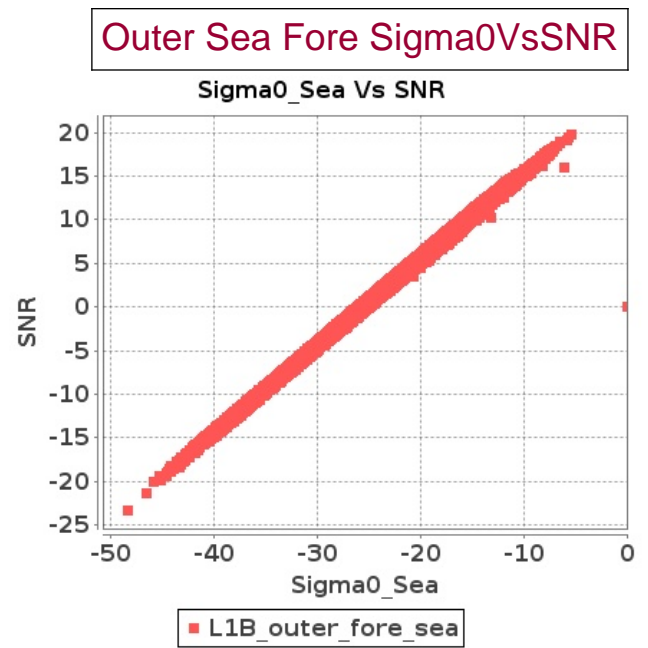
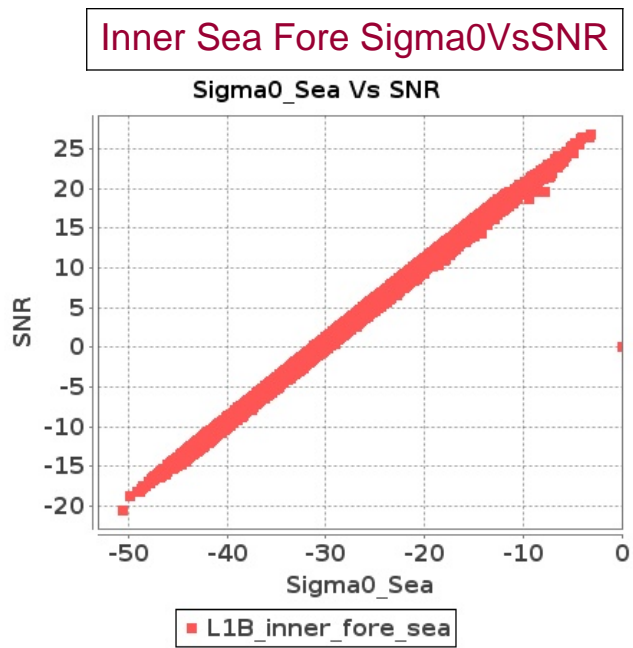
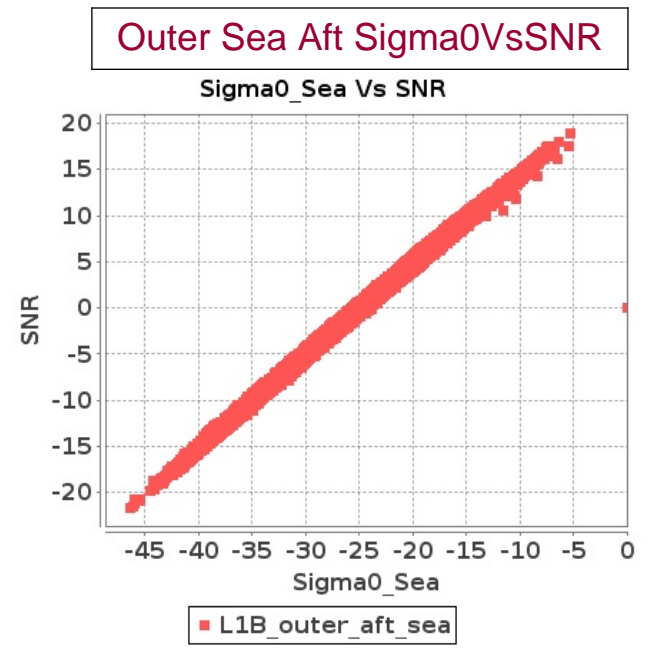
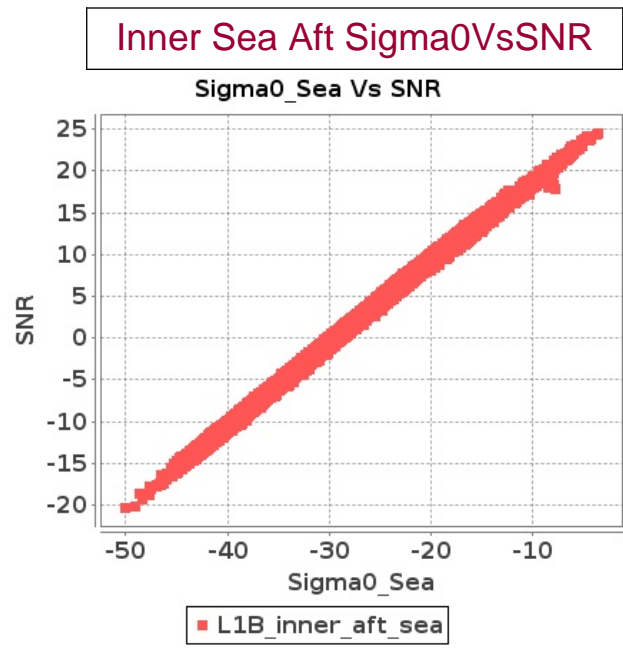
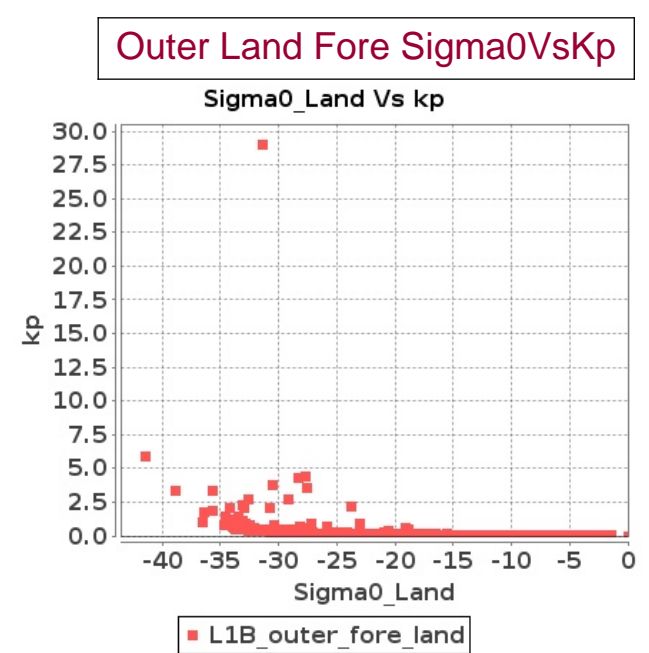
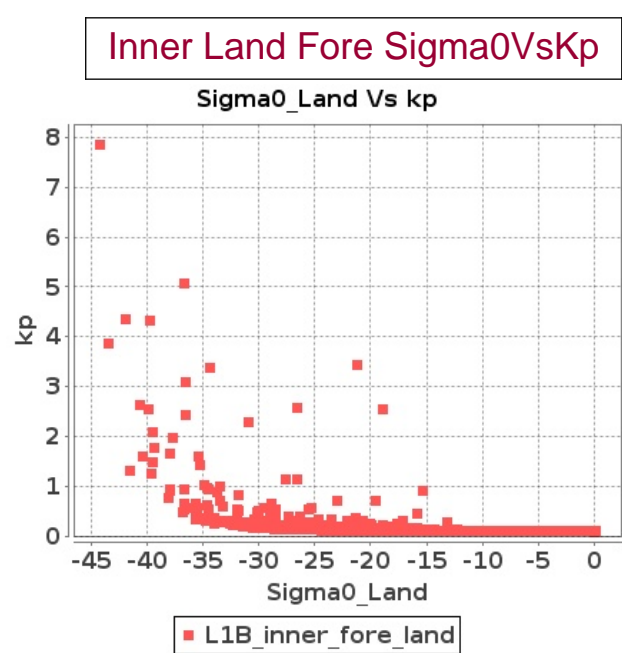
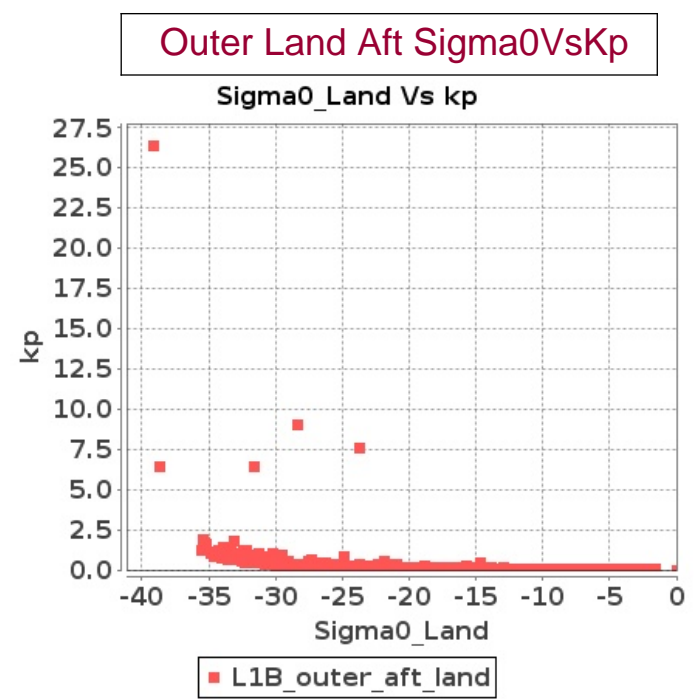
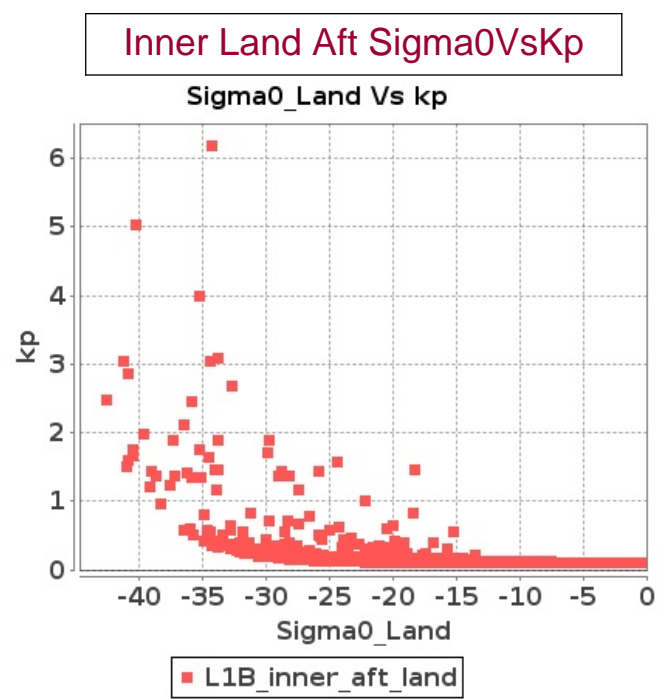
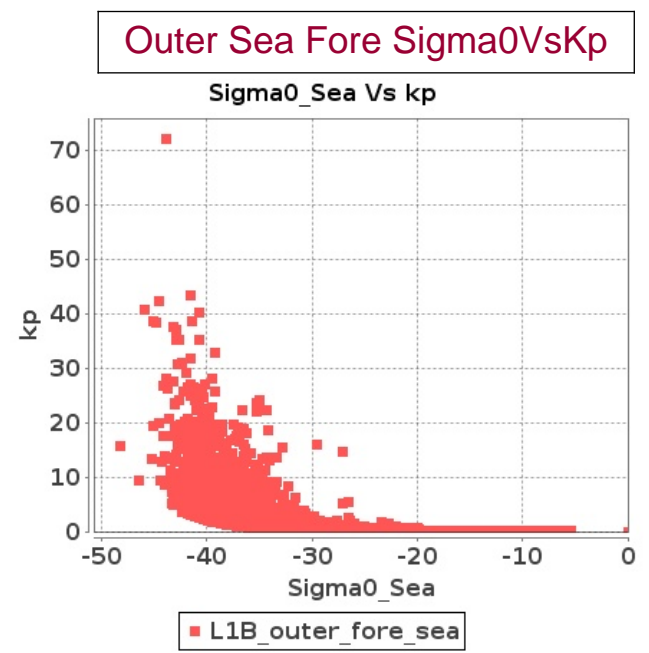
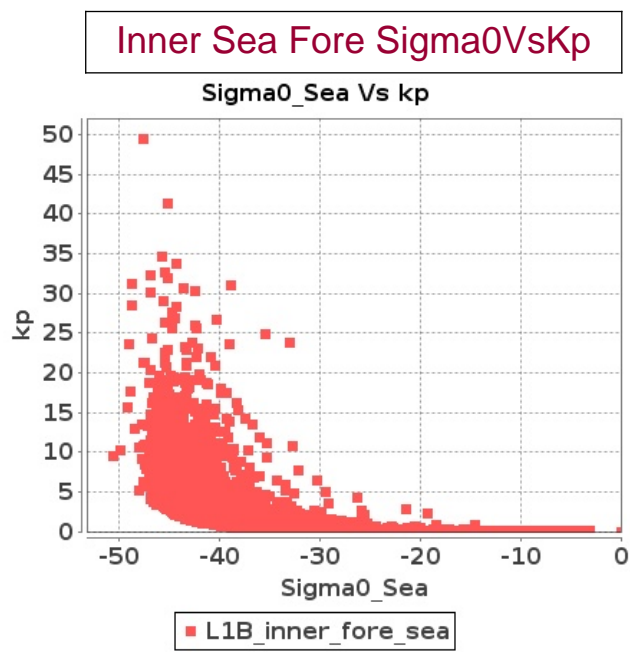
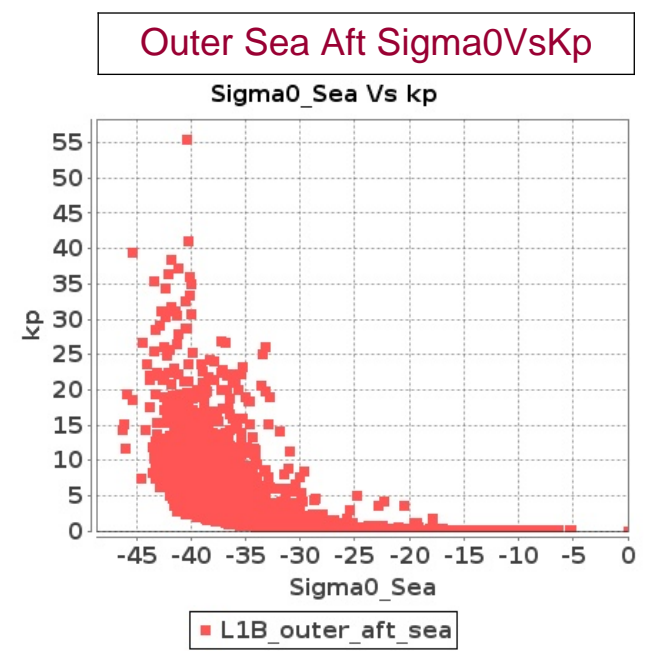
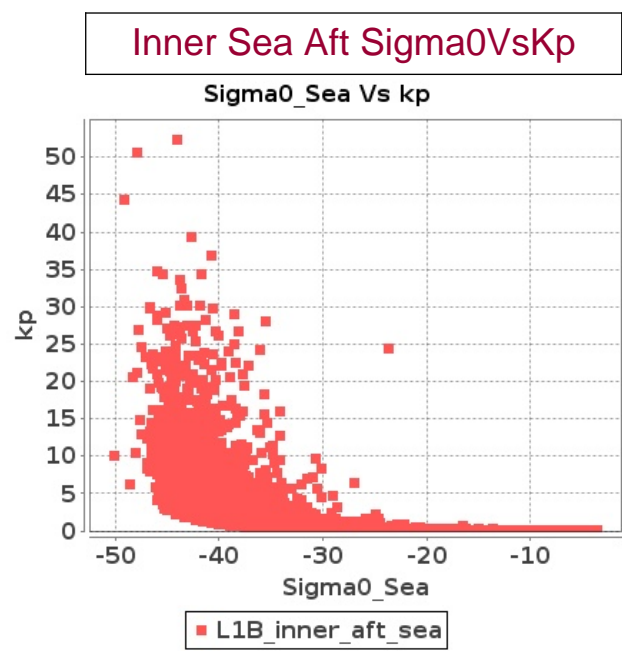


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 06-NOV-2017 To 07-NOV-2017





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

Report between 06-NOV-2017 To 07-NOV-2017

|       |             |           |      |      | 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     | 5884        | 5885      | SN   | 1    | 48.682          | 49.438 | 0.0       | 0.003         | 6.701  | 2.719     | 1019.352 | 1096.976 | 17.432    | -92.02   | -89.25  | 0.0       |
| 2     | 5884        | 5885      | NS   | 1    | 48.736          | 49.49  | 0.0       | 0.003         | 6.646  | 2.66      | 1036.272 | 1098.336 | 8.804     | -92.301  | -89.237 | 0.0       |
| 3     | 5884        | 5885      | SN   | 1    | 48.682          | 49.438 | 0.0       | 0.003         | 6.701  | 1.793     | 1019.352 | 1096.976 | 20.261    | -92.02   | -89.25  | 0.0       |
| 4     | 5884        | 5885      | SN   | 1    | 48.682          | 49.438 | 0.0       | 0.003         | 6.701  | 3.022     | 1019.352 | 1096.976 | 18.659    | -92.02   | -89.25  | 0.0       |
| 5     | 5884        | 5885      | NS   | 1    | 48.736          | 49.49  | 0.0       | 0.003         | 6.646  | 2.661     | 1036.272 | 1098.336 | 8.81      | -92.301  | -89.237 | 0.0       |
| 6     | 5885        | 5886      | SN   | 1    | 48.691          | 49.419 | 0.0       | 0.003         | 6.673  | 2.516     | 1019.128 | 1097.144 | 18.3      | -91.999  | -89.227 | 0.0       |
| 7     | 5885        | 5886      | SN   | 1    | 48.691          | 49.419 | 0.0       | 0.003         | 6.673  | 2.399     | 1019.128 | 1097.144 | 18.487    | -91.999  | -89.227 | 0.0       |
| 8     | 5885        | 5886      | SN   | 1    | 48.691          | 49.419 | 0.0       | 0.003         | 6.673  | 1.64      | 1019.128 | 1097.144 | 21.918    | -91.999  | -89.227 | 0.0       |
| 9     | 5885        | 5886      | NS   | 1    | 48.782          | 49.515 | 0.0       | 0.003         | 6.657  | 2.48      | 1036.392 | 1098.576 | 9.013     | -92.281  | -89.205 | 0.0       |
| 10    | 5885        | 5886      | NS   | 1    | 48.782          | 49.515 | 0.0       | 0.003         | 6.657  | 2.478     | 1036.392 | 1098.576 | 9.003     | -92.281  | -89.205 | 0.0       |
| 11    | 5886        | 5887      | SN   | 1    | 48.651          | 49.444 | 0.0       | 0.003         | 6.69   | 2.637     | 1018.84  | 1097.176 | 22.221    | -92.432  | -89.258 | 0.0       |
| 12    | 5886        | 5887      | SN   | 1    | 48.651          | 49.444 | 0.0       | 0.003         | 6.69   | 1.618     | 1018.84  | 1097.176 | 24.05     | -92.432  | -89.258 | 0.0       |
| 13    | 5886        | 5887      | NS   | 1    | 48.781          | 49.506 | 0.0       | 0.003         | 6.662  | 2.482     | 1036.368 | 1098.648 | 9.105     | -92.34   | -89.193 | 0.0       |
| 14    | 5886        | 5887      | SN   | 1    | 48.651          | 49.444 | 0.0       | 0.003         | 6.69   | 2.488     | 1018.84  | 1097.176 | 20.205    | -92.432  | -89.258 | 0.0       |
| 15    | 5886        | 5887      | NS   | 1    | 48.781          | 49.506 | 0.0       | 0.003         | 6.662  | 2.484     | 1036.368 | 1098.648 | 9.114     | -92.34   | -89.193 | 0.0       |
| 16    | 5887        | 5888      | SN   | 1    | 48.648          | 49.418 | 0.0       | 0.003         | 6.684  | 2.54      | 1019.512 | 1097.016 | 21.068    | -91.994  | -89.257 | 0.0       |
| 17    | 5887        | 5888      | SN   | 1    | 48.648          | 49.419 | 0.0       | 0.003         | 6.684  | 1.617     | 1019.52  | 1097.016 | 24.564    | -91.994  | -89.257 | 0.0       |
| 18    | 5887        | 5888      | SN   | 1    | 48.648          | 49.419 | 0.0       | 0.003         | 6.684  | 2.688     | 1019.52  | 1097.016 | 22.807    | -91.994  | -89.257 | 0.0       |
| 19    | 5887        | 5888      | NS   | 1    | 48.768          | 49.498 | 0.0       | 0.003         | 6.657  | 2.577     | 1036.384 | 1098.536 | 8.448     | -92.554  | -89.229 | 0.0       |
| 20    | 5887        | 5888      | NS   | 1    | 48.768          | 49.493 | 0.0       | 0.003         | 6.657  | 2.572     | 1036.384 | 1098.544 | 8.445     | -92.275  | -89.23  | 0.0       |
| 21    | 5888        | 5889      | SN   | 1    | 48.652          | 49.418 | 0.0       | 0.003         | 6.69   | 2.521     | 1019.104 | 1096.92  | 20.796    | -91.965  | -89.257 | 0.0       |
| 22    | 5888        | 5889      | SN   | 1    | 48.652          | 49.418 | 0.0       | 0.003         | 6.69   | 2.7       | 1019.104 | 1096.92  | 22.373    | -91.965  | -89.257 | 0.0       |
| 23    | 5888        | 5889      | SN   | 1    | 48.652          | 49.418 | 0.0       | 0.003         | 6.69   | 1.599     | 1019.104 | 1096.92  | 24.216    | -91.965  | -89.257 | 0.0       |
| 24    | 5888        | 5889      | NS   | 2    | 48.76           | 49.492 | 0.0       | 0.003         | 6.657  | 2.57      | 1036.384 | 1098.432 | 8.178     | -92.268  | -89.26  | 0.0       |
| 25    | 5888        | 5889      | NS   | 1    | 48.761          | 49.492 | 0.0       | 0.003         | 6.651  | 2.572     | 1036.392 | 1098.432 | 8.163     | -92.268  | -89.26  | 0.0       |
| 26    | 5889        | 5890      | SN   | 1    | 48.656          | 49.439 | 0.0       | 0.003         | 49.784 | 2.779     | 1019.04  | 1096.744 | 21.823    | -92.155  | -89.257 | 0.0       |
| 27    | 5889        | 5890      | NS   | 2    | 48.783          | 49.491 | 0.0       | 0.003         | 6.646  | 2.565     | 1036.48  | 1098.256 | 7.414     | -92.301  | -89.249 | 0.0       |
| 28    | 5889        | 5890      | NS   | 1    | 48.782          | 49.491 | 0.0       | 0.003         | 6.646  | 2.565     | 1036.16  | 1098.264 | 7.431     | -92.301  | -89.249 | 0.0       |
| 29    | 5889        | 5890      | SN   | 1    | 48.656          | 49.439 | 0.0       | 0.003         | 49.784 | 1.671     | 1019.04  | 1096.744 | 24.003    | -92.155  | -89.257 | 0.0       |
| 30    | 5889        | 5890      | SN   | 1    | 48.656          | 49.439 | 0.0       | 0.003         | 49.784 | 2.581     | 1019.04  | 1096.744 | 20.193    | -92.155  | -89.257 | 0.0       |
| 31    | 5890        | 5891      | SN   | 1    | 48.679          | 49.416 | 0.0       | 0.003         | 6.657  | 2.647     | 1019.16  | 1096.704 | 17.186    | -92.039  | -89.252 | 0.0       |
| 32    | 5890        | 5891      | SN   | 1    | 48.669          | 49.416 | 0.0       | 0.003         | 6.662  | 1.765     | 1019.2   | 1096.712 | 21.056    | -92.039  | -89.252 | 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 | 5890 | 5891 | SN | 1 | 48.669 | 49.416 | 0.0 | 0.003 | 6.662 | 2.883 | 1019.2   | 1096.712 | 18.793 | -92.039 | -89.252 | 0.0 |
| 34 | 5890 | 5891 | NS | 1 | 48.754 | 49.49  | 0.0 | 0.003 | 6.618 | 2.521 | 1036.312 | 1098.216 | 7.118  | -92.269 | -89.254 | 0.0 |
| 35 | 5890 | 5891 | NS | 1 | 48.754 | 49.49  | 0.0 | 0.003 | 6.612 | 2.535 | 1036.272 | 1098.216 | 7.181  | -92.269 | -89.254 | 0.0 |
| 36 | 5891 | 5892 | SN | 1 | 48.698 | 49.418 | 0.0 | 0.003 | 6.668 | 2.654 | 1019.784 | 1096.776 | 18.764 | -92.029 | -89.209 | 0.0 |
| 37 | 5891 | 5892 | SN | 1 | 48.698 | 49.418 | 0.0 | 0.003 | 6.668 | 1.72  | 1019.784 | 1096.776 | 22.371 | -92.029 | -89.209 | 0.0 |
| 38 | 5891 | 5892 | NS | 1 | 48.754 | 49.503 | 0.0 | 0.003 | 6.629 | 2.573 | 1036.216 | 1098.296 | 7.288  | -92.213 | -89.235 | 0.0 |
| 39 | 5891 | 5892 | NS | 1 | 48.784 | 49.491 | 0.0 | 0.003 | 6.635 | 2.558 | 1036.44  | 1098.296 | 7.242  | -92.213 | -89.235 | 0.0 |
| 40 | 5891 | 5892 | SN | 1 | 48.698 | 49.418 | 0.0 | 0.003 | 6.668 | 2.579 | 1019.784 | 1096.776 | 18.361 | -92.029 | -89.209 | 0.0 |
| 41 | 5892 | 5893 | SN | 1 | 48.699 | 49.417 | 0.0 | 0.003 | 6.701 | 2.511 | 1019.848 | 1096.752 | 18.004 | -92.025 | -89.19  | 0.0 |
| 42 | 5892 | 5893 | NS | 1 | 48.752 | 49.492 | 0.0 | 0.003 | 6.646 | 2.65  | 1036.368 | 1098.256 | 7.52   | -92.376 | -89.232 | 0.0 |
| 43 | 5892 | 5893 | NS | 1 | 48.752 | 49.492 | 0.0 | 0.003 | 6.646 | 2.653 | 1036.368 | 1098.256 | 7.528  | -92.376 | -89.232 | 0.0 |
| 44 | 5892 | 5893 | SN | 2 | 48.699 | 49.417 | 0.0 | 0.003 | 6.701 | 2.511 | 1019.848 | 1096.752 | 18.004 | -92.025 | -89.19  | 0.0 |
| 45 | 5893 | 5894 | NS | 1 | 48.785 | 49.491 | 0.0 | 0.003 | 6.646 | 2.6   | 1036.936 | 1098.096 | 7.029  | -92.158 | -89.24  | 0.0 |
| 46 | 5893 | 5894 | NS | 1 | 48.785 | 49.491 | 0.0 | 0.003 | 6.646 | 2.601 | 1036.936 | 1098.096 | 7.032  | -92.158 | -89.24  | 0.0 |
| 47 | 5898 | 5899 | SN | 1 | 48.663 | 49.413 | 0.0 | 0.003 | 6.69  | 2.718 | 1018.952 | 1096.512 | 19.927 | -91.998 | -89.258 | 0.0 |
| 48 | 5898 | 5899 | SN | 1 | 48.663 | 49.409 | 0.0 | 0.003 | 5.421 | 2.045 | 1018.952 | 1080.872 | 26.152 | -91.998 | -89.258 | 0.0 |
| 49 | 5898 | 5899 | SN | 1 | 48.663 | 49.409 | 0.0 | 0.003 | 1.572 | 0.158 | 1018.952 | 1080.872 | 29.32  | -91.998 | -89.258 | 0.0 |
| 50 | 5899 | 5900 | SN | 1 | 48.672 | 49.427 | 0.0 | 0.003 | 6.657 | 2.587 | 1018.824 | 1096.416 | 20.249 | -92.482 | -89.244 | 0.0 |
| 51 | 5899 | 5900 | NS | 1 | 48.787 | 49.49  | 0.0 | 0.003 | 6.624 | 2.508 | 1036.92  | 1098.04  | 7.254  | -92.254 | -89.248 | 0.0 |
| 52 | 5899 | 5900 | SN | 1 | 48.672 | 49.427 | 0.0 | 0.003 | 6.657 | 2.711 | 1018.824 | 1096.416 | 22.714 | -92.482 | -89.244 | 0.0 |
| 53 | 5899 | 5900 | SN | 1 | 48.672 | 49.427 | 0.0 | 0.003 | 6.657 | 1.704 | 1018.824 | 1096.416 | 24.399 | -92.482 | -89.244 | 0.0 |
| 54 | 5899 | 5900 | NS | 1 | 48.787 | 49.49  | 0.0 | 0.003 | 6.624 | 2.497 | 1036.92  | 1098.04  | 7.201  | -92.254 | -89.248 | 0.0 |
| 55 | 5900 | 5901 | SN | 1 | 48.661 | 49.414 | 0.0 | 0.003 | 6.695 | 1.618 | 1018.584 | 1096.584 | 25.057 | -92.056 | -89.243 | 0.0 |
| 56 | 5900 | 5901 | SN | 1 | 48.663 | 49.413 | 0.0 | 0.003 | 6.695 | 2.492 | 1018.6   | 1096.584 | 21.02  | -91.953 | -89.243 | 0.0 |
| 57 | 5900 | 5901 | NS | 1 | 48.786 | 49.493 | 0.0 | 0.003 | 6.635 | 2.465 | 1036.976 | 1098.224 | 7.708  | -92.292 | -89.206 | 0.0 |
| 58 | 5900 | 5901 | SN | 1 | 48.663 | 49.413 | 0.0 | 0.003 | 6.695 | 2.362 | 1018.6   | 1096.584 | 21.238 | -91.953 | -89.243 | 0.0 |
| 59 | 5900 | 5901 | NS | 1 | 48.787 | 49.494 | 0.0 | 0.003 | 6.635 | 2.46  | 1036.976 | 1098.24  | 7.701  | -92.292 | -89.206 | 0.0 |
| 60 | 5901 | 5902 | NS | 1 | 48.787 | 49.515 | 0.0 | 0.003 | 6.635 | 2.508 | 1037.0   | 1098.184 | 7.321  | -92.354 | -89.242 | 0.0 |
| 61 | 5901 | 5902 | SN | 1 | 48.678 | 49.413 | 0.0 | 0.003 | 6.662 | 2.517 | 1018.304 | 1096.488 | 22.609 | -91.833 | -89.251 | 0.0 |
| 62 | 5901 | 5902 | SN | 1 | 48.678 | 49.413 | 0.0 | 0.003 | 6.662 | 2.649 | 1018.304 | 1096.488 | 24.588 | -91.833 | -89.251 | 0.0 |
| 63 | 5901 | 5902 | SN | 1 | 48.678 | 49.413 | 0.0 | 0.003 | 6.662 | 1.609 | 1018.304 | 1096.488 | 26.533 | -91.833 | -89.251 | 0.0 |
| 64 | 5901 | 5902 | NS | 1 | 48.787 | 49.515 | 0.0 | 0.003 | 6.635 | 2.511 | 1037.0   | 1098.184 | 7.329  | -92.354 | -89.242 | 0.0 |
| 65 | 5902 | 5903 | SN | 1 | 48.658 | 49.413 | 0.0 | 0.003 | 6.646 | 1.612 | 1018.368 | 1096.32  | 26.445 | -92.281 | -89.251 | 0.0 |
| 66 | 5902 | 5903 | NS | 1 | 48.788 | 49.526 | 0.0 | 0.003 | 6.635 | 2.576 | 1036.968 | 1098.04  | 6.881  | -92.275 | -89.238 | 0.0 |
| 67 | 5902 | 5903 | SN | 1 | 48.658 | 49.413 | 0.0 | 0.003 | 6.646 | 2.697 | 1018.368 | 1096.32  | 24.427 | -92.281 | -89.251 | 0.0 |
| 68 | 5902 | 5903 | SN | 1 | 48.658 | 49.434 | 0.0 | 0.003 | 6.646 | 2.497 | 1018.408 | 1096.32  | 22.36  | -92.281 | -89.251 | 0.0 |
| 69 | 5902 | 5903 | NS | 1 | 48.788 | 49.526 | 0.0 | 0.003 | 6.635 | 2.577 | 1036.968 | 1098.04  | 6.887  | -92.275 | -89.238 | 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 | 5903 | 5904 | SN | 1 | 48.648 | 49.412 | 0.0 | 0.003 | 6.668 | 2.737 | 1018.368 | 1096.184 | 24.34  | -91.964 | -89.251 | 0.0 |
| 71 | 5903 | 5904 | SN | 1 | 48.648 | 49.412 | 0.0 | 0.003 | 6.668 | 1.64  | 1018.368 | 1096.184 | 26.595 | -91.964 | -89.251 | 0.0 |
| 72 | 5903 | 5904 | NS | 1 | 48.78  | 49.527 | 0.0 | 0.003 | 6.629 | 2.607 | 1037.056 | 1097.92  | 6.623  | -92.413 | -89.259 | 0.0 |
| 73 | 5903 | 5904 | NS | 2 | 48.789 | 49.527 | 0.0 | 0.003 | 6.635 | 2.607 | 1037.056 | 1097.912 | 6.6    | -92.172 | -89.259 | 0.0 |
| 74 | 5903 | 5904 | SN | 1 | 48.648 | 49.412 | 0.0 | 0.003 | 6.668 | 2.53  | 1018.368 | 1096.184 | 22.4   | -91.964 | -89.251 | 0.0 |
| 75 | 5904 | 5905 | SN | 1 | 48.671 | 49.411 | 0.0 | 0.003 | 6.651 | 2.619 | 1018.552 | 1096.072 | 20.686 | -91.835 | -89.249 | 0.0 |
| 76 | 5904 | 5905 | NS | 1 | 48.75  | 49.521 | 0.0 | 0.003 | 6.629 | 2.532 | 1037.136 | 1097.784 | 5.895  | -92.279 | -89.267 | 0.0 |
| 77 | 5904 | 5905 | NS | 2 | 48.75  | 49.521 | 0.0 | 0.003 | 6.629 | 2.532 | 1037.088 | 1097.784 | 5.895  | -92.279 | -89.267 | 0.0 |
| 78 | 5904 | 5905 | SN | 1 | 48.671 | 49.411 | 0.0 | 0.003 | 6.651 | 2.254 | 1018.552 | 1096.072 | 21.203 | -91.835 | -89.249 | 0.0 |
| 79 | 5904 | 5905 | SN | 1 | 48.671 | 49.411 | 0.0 | 0.003 | 6.651 | 2.621 | 1018.552 | 1096.072 | 20.707 | -91.835 | -89.249 | 0.0 |
| 80 | 5905 | 5906 | SN | 1 | 48.697 | 49.431 | 0.0 | 0.003 | 6.646 | 2.645 | 1018.944 | 1096.136 | 19.593 | -91.973 | -89.242 | 0.0 |
| 81 | 5905 | 5906 | SN | 1 | 48.697 | 49.431 | 0.0 | 0.003 | 6.646 | 2.644 | 1018.944 | 1096.136 | 19.577 | -91.973 | -89.242 | 0.0 |
| 82 | 5905 | 5906 | SN | 1 | 48.697 | 49.431 | 0.0 | 0.003 | 6.646 | 1.74  | 1018.944 | 1096.136 | 20.705 | -91.973 | -89.242 | 0.0 |
| 83 | 5905 | 5906 | NS | 1 | 48.749 | 49.537 | 0.0 | 0.003 | 6.635 | 2.533 | 1037.136 | 1097.824 | 5.975  | -92.258 | -89.268 | 0.0 |
| 84 | 5906 | 5907 | NS | 1 | 48.753 | 49.492 | 0.0 | 0.003 | 6.607 | 2.606 | 1037.208 | 1097.864 | 5.996  | -92.327 | -89.234 | 0.0 |
| 85 | 5906 | 5907 | SN | 1 | 48.698 | 49.412 | 0.0 | 0.003 | 6.651 | 2.553 | 1019.096 | 1096.12  | 19.68  | -91.932 | -89.189 | 0.0 |
| 86 | 5906 | 5907 | SN | 2 | 48.659 | 49.412 | 0.0 | 0.003 | 6.651 | 2.554 | 1019.112 | 1096.128 | 19.717 | -91.932 | -89.189 | 0.0 |
| 87 | 5906 | 5907 | NS | 1 | 48.752 | 49.501 | 0.0 | 0.003 | 6.601 | 2.607 | 1037.216 | 1097.848 | 5.945  | -92.327 | -89.234 | 0.0 |
| 88 | 5907 | 5908 | SN | 1 | 48.691 | 49.438 | 0.0 | 0.003 | 6.684 | 2.527 | 1018.712 | 1095.976 | 20.28  | -91.917 | -89.218 | 0.0 |
| 89 | 5907 | 5908 | NS | 1 | 48.781 | 49.491 | 0.0 | 0.003 | 6.612 | 2.632 | 1037.464 | 1097.76  | 5.781  | -92.33  | -89.24  | 0.0 |
| 90 | 5907 | 5908 | NS | 1 | 48.78  | 49.491 | 0.0 | 0.003 | 6.612 | 2.635 | 1037.472 | 1097.752 | 5.766  | -92.347 | -89.24  | 0.0 |
| 91 | 5908 | 5909 | NS | 1 | 48.791 | 49.499 | 0.0 | 0.003 | 6.612 | 2.586 | 1037.592 | 1097.616 | 5.582  | -92.38  | -89.248 | 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     | 5884        | 5885      | SN   | 1    | -33.749 | 24.426 | 1.352      | -34.922  | 25.959 | 3.401      | -8.958   | 35.075 | 6.661      | -5.558    | 30.467 | 16.646     | 0.103   | 200.256 | 3.882      | 0.103    | 262.394 | 2.841      | 0.102    | 0.747 | 0.0        | 0.103     | 0.389 | 0.0        |
| 2     | 5884        | 5885      | NS   | 1    | -34.748 | 25.827 | 0.316      | -34.362  | 27.699 | 0.148      | -0.02    | 29.769 | 7.793      | 5.444     | 34.088 | 24.435     | 0.103   | 252.115 | 2.903      | 0.103    | 230.647 | 2.529      | 0.103    | 0.177 | 0.0        | 0.102     | 0.122 | 0.0        |
| 3     | 5884        | 5885      | SN   | 1    | -33.749 | 24.149 | 0.135      | -34.922  | 24.686 | 0.447      | -8.958   | 35.075 | 8.329      | -5.558    | 30.467 | 18.933     | 0.103   | 200.256 | 4.015      | 0.103    | 262.394 | 3.265      | 0.102    | 0.747 | 0.0        | 0.103     | 0.389 | 0.0        |
| 4     | 5884        | 5885      | SN   | 1    | -33.749 | 24.426 | 1.405      | -34.922  | 25.821 | 3.404      | -8.958   | 35.075 | 8.261      | -5.558    | 30.467 | 19.032     | 0.103   | 200.256 | 3.624      | 0.103    | 262.394 | 2.647      | 0.102    | 0.747 | 0.0        | 0.103     | 0.389 | 0.0        |
| 5     | 5884        | 5885      | NS   | 1    | -34.748 | 25.827 | 0.316      | -34.362  | 27.699 | 0.148      | -0.02    | 29.769 | 7.787      | 5.444     | 34.088 | 24.435     | 0.103   | 252.115 | 2.904      | 0.103    | 230.647 | 2.531      | 0.103    | 0.177 | 0.0        | 0.102     | 0.122 | 0.0        |
| 6     | 5885        | 5886      | SN   | 1    | -34.519 | 23.827 | 0.24       | -34.571  | 25.124 | 1.039      | -4.966   | 28.193 | 6.191      | -2.316    | 29.681 | 5.683      | 0.103   | 239.135 | 5.006      | 0.103    | 242.005 | 4.078      | 0.103    | 0.351 | 0.0        | 0.103     | 0.233 | 0.0        |
| 7     | 5885        | 5886      | SN   | 1    | -34.519 | 23.827 | 0.24       | -34.571  | 25.091 | 0.964      | -4.966   | 28.193 | 6.191      | -2.316    | 29.681 | 5.683      | 0.103   | 239.135 | 5.088      | 0.103    | 242.005 | 4.141      | 0.103    | 0.351 | 0.0        | 0.103     | 0.233 | 0.0        |
| 8     | 5885        | 5886      | SN   | 1    | -34.519 | 21.083 | 0.0        | -34.571  | 23.631 | 0.005      | 5.291    | 28.193 | 8.483      | -2.316    | 29.681 | 6.417      | 0.103   | 239.135 | 5.483      | 0.103    | 242.005 | 4.82       | 0.103    | 0.123 | 0.0        | 0.103     | 0.233 | 0.0        |
| 9     | 5885        | 5886      | NS   | 1    | -34.221 | 25.612 | 0.038      | -33.956  | 26.907 | 0.155      | -6.565   | 32.6   | 4.311      | -1.769    | 36.383 | 18.126     | 0.103   | 223.292 | 2.459      | 0.103    | 210.047 | 2.339      | 0.102    | 0.467 | 0.0        | 0.102     | 0.217 | 0.0        |
| 10    | 5885        | 5886      | NS   | 1    | -34.221 | 25.612 | 0.038      | -33.956  | 26.907 | 0.155      | -6.565   | 32.6   | 4.309      | -1.769    | 36.383 | 18.176     | 0.103   | 223.292 | 2.459      | 0.103    | 210.047 | 2.339      | 0.102    | 0.467 | 0.0        | 0.102     | 0.217 | 0.0        |
| 11    | 5886        | 5887      | SN   | 1    | -34.979 | 22.529 | 0.004      | -34.717  | 24.862 | 0.232      | 6.923    | 26.802 | 15.739     | 7.627     | 28.293 | 16.718     | 0.103   | 265.812 | 4.748      | 0.103    | 250.295 | 3.096      | 0.103    | 0.116 | 0.0        | 0.103     | 0.114 | 0.0        |
| 12    | 5886        | 5887      | SN   | 1    | -34.979 | 19.276 | 0.0        | -34.717  | 20.192 | 0.0        | 6.923    | 26.802 | 16.003     | 7.627     | 28.293 | 16.74      | 0.103   | 265.812 | 5.157      | 0.103    | 250.295 | 3.377      | 0.103    | 0.116 | 0.0        | 0.103     | 0.114 | 0.0        |
| 13    | 5886        | 5887      | NS   | 1    | -34.236 | 22.569 | 0.002      | -34.847  | 22.901 | 0.007      | -4.126   | 29.102 | 6.556      | -6.774    | 28.818 | 16.508     | 0.103   | 224.088 | 5.703      | 0.103    | 257.942 | 4.413      | 0.103    | 0.305 | 0.0        | 0.103     | 0.486 | 0.0        |
| 14    | 5886        | 5887      | SN   | 1    | -34.979 | 22.531 | 0.004      | -34.717  | 24.861 | 0.218      | 6.923    | 26.802 | 11.013     | 7.627     | 28.293 | 12.68      | 0.103   | 265.812 | 4.553      | 0.103    | 250.295 | 2.933      | 0.103    | 0.116 | 0.0        | 0.103     | 0.114 | 0.0        |
| 15    | 5886        | 5887      | NS   | 1    | -34.236 | 22.569 | 0.002      | -34.847  | 22.901 | 0.007      | -4.126   | 29.102 | 6.534      | -6.774    | 28.818 | 16.514     | 0.103   | 224.088 | 5.703      | 0.103    | 257.942 | 4.413      | 0.103    | 0.305 | 0.0        | 0.103     | 0.486 | 0.0        |
| 16    | 5887        | 5888      | SN   | 1    | -33.921 | 21.835 | 0.0        | -34.997  | 25.312 | 0.193      | 5.729    | 26.193 | 8.48       | 6.341     | 28.184 | 7.655      | 0.103   | 208.331 | 2.721      | 0.103    | 267.011 | 2.209      | 0.103    | 0.121 | 0.0        | 0.103     | 0.118 | 0.0        |
| 17    | 5887        | 5888      | SN   | 1    | -34.857 | 21.533 | 0.0        | -34.512  | 22.939 | 0.015      | 5.729    | 26.193 | 11.757     | 6.341     | 28.184 | 11.434     | 0.103   | 258.463 | 3.088      | 0.103    | 238.698 | 2.533      | 0.103    | 0.121 | 0.0        | 0.103     | 0.118 | 0.0        |
| 18    | 5887        | 5888      | SN   | 1    | -34.857 | 21.835 | 0.0        | -34.512  | 25.312 | 0.205      | 5.729    | 26.193 | 11.499     | 6.341     | 28.184 | 11.227     | 0.103   | 258.463 | 2.856      | 0.103    | 238.698 | 2.34       | 0.103    | 0.121 | 0.0        | 0.103     | 0.118 | 0.0        |
| 19    | 5887        | 5888      | NS   | 1    | -34.162 | 22.288 | 0.011      | -34.948  | 23.063 | 0.028      | -10.374  | 29.03  | 3.683      | -9.084    | 30.97  | 10.572     | 0.103   | 220.304 | 4.291      | 0.103    | 263.926 | 3.525      | 0.103    | 1.002 | 0.001      | 0.103     | 0.766 | 0.0        |
| 20    | 5887        | 5888      | NS   | 1    | -34.793 | 22.288 | 0.011      | -34.648  | 23.063 | 0.028      | -10.374  | 29.03  | 3.681      | -9.082    | 30.97  | 10.566     | 0.103   | 254.703 | 4.292      | 0.103    | 246.337 | 3.552      | 0.103    | 1.003 | 0.001      | 0.103     | 0.766 | 0.0        |
| 21    | 5888        | 5889      | SN   | 1    | -34.66  | 22.409 | 0.003      | -32.559  | 24.577 | 0.205      | 5.327    | 27.709 | 11.976     | 7.974     | 29.481 | 17.16      | 0.103   | 247.041 | 1.671      | 0.103    | 152.304 | 1.096      | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 22    | 5888        | 5889      | SN   | 1    | -34.66  | 22.409 | 0.003      | -32.559  | 24.577 | 0.212      | 5.327    | 27.709 | 16.928     | 7.974     | 29.481 | 30.446     | 0.103   | 247.041 | 1.72       | 0.103    | 152.304 | 1.13       | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 23    | 5888        | 5889      | SN   | 1    | -34.66  | 21.514 | 0.0        | -32.559  | 24.48  | 0.002      | 5.327    | 27.709 | 20.824     | 7.974     | 29.481 | 33.951     | 0.103   | 247.041 | 1.833      | 0.103    | 152.304 | 1.221      | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 24    | 5888        | 5889      | NS   | 2    | -34.976 | 22.189 | 0.009      | -34.982  | 23.836 | 0.033      | -4.427   | 26.909 | 2.584      | -3.521    | 30.034 | 12.601     | 0.103   | 265.611 | 2.057      | 0.103    | 266.011 | 1.732      | 0.103    | 0.321 | 0.0        | 0.103     | 0.277 | 0.0        |
| 25    | 5888        | 5889      | NS   | 1    | -34.266 | 22.189 | 0.009      | -33.223  | 23.836 | 0.033      | -4.427   | 26.909 | 2.586      | -3.521    | 30.034 | 12.604     | 0.103   | 225.608 | 2.06       | 0.103    | 177.442 | 1.727      | 0.103    | 0.321 | 0.0        | 0.103     | 0.277 | 0.0        |
| 26    | 5889        | 5890      | SN   | 1    | -34.86  | 22.996 | 0.042      | -31.922  | 25.332 | 0.292      | 5.279    | 27.275 | 15.83      | 8.264     | 28.999 | 22.856     | 0.103   | 258.684 | 1.071      | 0.103    | 131.54  | 0.789      | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 27    | 5889        | 5890      | NS   | 2    | -34.496 | 23.97  | 0.215      | -29.4    | 25.812 | 0.914      | -8.06    | 29.543 | 4.699      | -7.3      | 30.803 | 12.883     | 0.103   | 237.837 | 1.068      | 0.103    | 73.626  | 0.894      | 0.103    | 0.624 | 0.0        | 0.103     | 0.537 | 0.0        |
| 28    | 5889        | 5890      | NS   | 1    | -33.443 | 23.971 | 0.215      | -29.527  | 25.812 | 0.914      | -8.061   | 29.543 | 4.699      | -7.3      | 30.803 | 12.885     | 0.103   | 186.681 | 1.068      | 0.103    | 75.808  | 0.895      | 0.103    | 0.624 | 0.0        | 0.103     | 0.537 | 0.0        |
| 29    | 5889        | 5890      | SN   | 1    | -34.86  | 22.916 | 0.001      | -31.922  | 22.07  | 0.001      | 5.279    | 27.275 | 23.208     | 8.264     | 28.999 | 27.99      | 0.103   | 258.684 | 1.118      | 0.103    | 131.54  | 0.793      | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 30    | 5889        | 5890      | SN   | 1    | -34.86  | 22.996 | 0.042      | -31.922  | 25.332 | 0.289      | 5.279    | 27.275 | 11.12      | 8.264     | 28.999 | 13.975     | 0.103   | 258.684 | 1.051      | 0.103    | 131.54  | 0.781      | 0.103    | 0.123 | 0.0        | 0.103     | 0.113 | 0.0        |
| 31    | 5890        | 5891      | SN   | 1    | -34.665 | 21.773 | 0.0        | -33.403  | 24.48  | 0.599      | -14.696  | 31.723 | 7.846      | -17.065   | 30.382 | 10.976     | 0.103   | 247.314 | 2.274      | 0.103    | 184.928 | 1.734      | 0.102    | 2.57  | 0.003      | 0.103     | 4.377 | 0.002      |
| 32    | 5890        | 5891      | SN   | 1    | -34.606 | 21.773 | 0.0        | -33.324  | 21.92  | 0.0        | -14.695  | 31.723 | 11.51      | -7.444    | 30.382 | 14.161     | 0.103   | 243.932 | 2.433      | 0.103    | 181.625 | 1.856      | 0.102    | 2.57  | 0.002      | 0.103     | 0.553 | 0.0        |
| 33    | 5890        | 5891      | SN   | 1    | -34.606 | 21.773 | 0.0        | -33.324  | 24.478 | 0.599      | -14.695  | 31.723 | 9.625      | -7.444    | 30.382 | 13.54      | 0.103   | 243.932 | 2.271      | 0.103    | 181.625 | 1.734      | 0.102    | 2.57  | 0.002      | 0.103     | 0.553 | 0.0        |

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

- Normal
- Deviations
- Alarming
- High Errors

|    |      |      |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |       |       |       |       |       |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 34 | 5890 | 5891 | NS | 1 | -33.104 | 23.77  | 0.109 | -34.148 | 24.845 | 0.513 | 6.775   | 27.127 | 9.59   | 7.059   | 29.18  | 20.47  | 0.103 | 172.628 | 1.137 | 0.103 | 219.538 | 0.758 | 0.103 | 0.117 | 0.0   | 0.103 | 0.116 | 0.0   |
| 35 | 5890 | 5891 | NS | 1 | -34.94  | 23.77  | 0.109 | -34.782 | 24.845 | 0.513 | 6.775   | 27.127 | 9.569  | 7.059   | 29.18  | 20.557 | 0.103 | 263.485 | 1.138 | 0.103 | 254.085 | 0.761 | 0.103 | 0.117 | 0.0   | 0.103 | 0.116 | 0.0   |
| 36 | 5891 | 5892 | SN | 1 | -34.052 | 23.286 | 0.006 | -34.843 | 25.393 | 1.532 | -6.251  | 28.052 | 10.683 | -4.45   | 30.332 | 18.439 | 0.103 | 214.763 | 3.834 | 0.103 | 257.66  | 3.323 | 0.103 | 0.441 | 0.0   | 0.103 | 0.322 | 0.0   |
| 37 | 5891 | 5892 | SN | 1 | -34.052 | 23.286 | 0.007 | -34.843 | 25.393 | 0.032 | -6.251  | 28.052 | 13.941 | -4.45   | 30.332 | 21.628 | 0.103 | 214.763 | 3.912 | 0.103 | 257.66  | 3.443 | 0.103 | 0.441 | 0.0   | 0.103 | 0.322 | 0.0   |
| 38 | 5891 | 5892 | NS | 1 | -34.622 | 23.836 | 0.273 | -34.863 | 24.83  | 0.651 | -2.238  | 28.038 | 11.116 | -2.964  | 29.848 | 24.752 | 0.103 | 244.837 | 3.183 | 0.103 | 258.827 | 2.898 | 0.103 | 0.23  | 0.0   | 0.103 | 0.255 | 0.0   |
| 39 | 5891 | 5892 | NS | 1 | -34.847 | 23.836 | 0.273 | -34.795 | 24.83  | 0.651 | -2.237  | 28.038 | 11.123 | -2.964  | 29.848 | 24.682 | 0.103 | 257.941 | 3.186 | 0.103 | 254.82  | 2.894 | 0.103 | 0.23  | 0.0   | 0.103 | 0.255 | 0.0   |
| 40 | 5891 | 5892 | SN | 1 | -34.052 | 23.286 | 0.006 | -34.843 | 25.393 | 1.532 | -12.518 | 28.052 | 10.062 | -4.45   | 30.332 | 17.287 | 0.103 | 214.763 | 3.834 | 0.103 | 257.66  | 3.323 | 0.103 | 1.589 | 0.001 | 0.103 | 0.322 | 0.0   |
| 41 | 5892 | 5893 | SN | 1 | -34.119 | 25.566 | 0.032 | -35.001 | 25.602 | 1.698 | -9.764  | 30.147 | 13.017 | -0.252  | 30.205 | 17.115 | 0.103 | 218.077 | 4.9   | 0.103 | 267.116 | 4.007 | 0.103 | 0.882 | 0.0   | 0.103 | 0.181 | 0.0   |
| 42 | 5892 | 5893 | NS | 1 | -34.241 | 24.048 | 0.423 | -34.912 | 24.633 | 0.49  | 1.612   | 28.433 | 17.364 | 4.12    | 30.979 | 35.676 | 0.103 | 224.294 | 6.355 | 0.103 | 261.756 | 5.027 | 0.103 | 0.152 | 0.0   | 0.103 | 0.13  | 0.0   |
| 43 | 5892 | 5893 | NS | 1 | -34.241 | 24.048 | 0.423 | -34.912 | 24.633 | 0.491 | 1.612   | 28.433 | 17.398 | 4.12    | 30.979 | 35.695 | 0.103 | 224.294 | 6.344 | 0.103 | 261.756 | 5.013 | 0.103 | 0.152 | 0.0   | 0.103 | 0.13  | 0.0   |
| 44 | 5892 | 5893 | SN | 2 | -34.119 | 25.566 | 0.032 | -35.001 | 25.602 | 1.698 | -9.764  | 30.147 | 13.017 | -0.252  | 30.205 | 17.115 | 0.103 | 218.077 | 4.9   | 0.103 | 267.116 | 4.007 | 0.103 | 0.882 | 0.0   | 0.103 | 0.181 | 0.0   |
| 45 | 5893 | 5894 | NS | 1 | -34.629 | 24.321 | 0.618 | -34.948 | 24.958 | 0.58  | -4.729  | 31.482 | 10.97  | -2.2    | 33.265 | 22.267 | 0.103 | 245.278 | 3.768 | 0.103 | 263.918 | 3.407 | 0.103 | 0.337 | 0.0   | 0.102 | 0.229 | 0.0   |
| 46 | 5893 | 5894 | NS | 1 | -34.629 | 24.321 | 0.618 | -34.948 | 24.958 | 0.58  | -4.729  | 31.482 | 10.97  | -2.2    | 33.265 | 22.283 | 0.103 | 245.278 | 3.771 | 0.103 | 263.918 | 3.407 | 0.103 | 0.337 | 0.0   | 0.102 | 0.229 | 0.0   |
| 47 | 5898 | 5899 | SN | 1 | -34.518 | 24.615 | 1.736 | -34.595 | 25.761 | 4.134 | -17.554 | 26.835 | 6.029  | -8.245  | 30.487 | 15.99  | 0.103 | 239.024 | 5.128 | 0.103 | 243.388 | 3.636 | 0.103 | 4.888 | 0.003 | 0.103 | 0.647 | 0.0   |
| 48 | 5898 | 5899 | SN | 1 | -34.518 | 24.615 | 1.943 | -34.595 | 25.761 | 4.703 | -2.155  | 26.705 | 1.708  | -3.562  | 30.487 | 18.385 | 0.103 | 239.024 | 7.347 | 0.103 | 243.388 | 5.544 | 0.103 | 0.228 | 0.0   | 0.103 | 0.279 | 0.0   |
| 49 | 5898 | 5899 | SN | 1 | -34.518 | 23.117 | 0.047 | -34.595 | 19.582 | 0.0   | -2.155  | 24.319 | 1.211  | -3.562  | 30.487 | 18.218 | 0.103 | 239.024 | 8.129 | 0.103 | 243.388 | 7.214 | 0.103 | 0.228 | 0.0   | 0.103 | 0.279 | 0.0   |
| 50 | 5899 | 5900 | SN | 1 | -34.745 | 24.492 | 0.691 | -34.671 | 25.385 | 1.928 | 3.314   | 29.826 | 6.62   | 2.364   | 29.362 | 7.533  | 0.103 | 251.951 | 7.413 | 0.103 | 247.62  | 5.161 | 0.103 | 0.135 | 0.0   | 0.103 | 0.144 | 0.0   |
| 51 | 5899 | 5900 | NS | 1 | -34.959 | 24.854 | 0.051 | -34.9   | 27.49  | 0.162 | -1.424  | 31.387 | 5.224  | 1.467   | 36.004 | 21.658 | 0.103 | 264.598 | 4.071 | 0.103 | 261.045 | 3.476 | 0.103 | 0.207 | 0.0   | 0.102 | 0.154 | 0.0   |
| 52 | 5899 | 5900 | SN | 1 | -34.745 | 24.494 | 0.693 | -34.671 | 24.949 | 1.194 | 3.314   | 29.826 | 9.343  | 2.364   | 29.362 | 9.336  | 0.103 | 251.951 | 7.434 | 0.103 | 247.62  | 5.443 | 0.103 | 0.135 | 0.0   | 0.103 | 0.144 | 0.0   |
| 53 | 5899 | 5900 | SN | 1 | -34.745 | 21.565 | 0.0   | -34.671 | 23.482 | 0.013 | 3.314   | 29.826 | 9.39   | 2.364   | 29.362 | 9.336  | 0.103 | 251.951 | 8.159 | 0.103 | 247.62  | 6.148 | 0.103 | 0.135 | 0.0   | 0.103 | 0.144 | 0.0   |
| 54 | 5899 | 5900 | NS | 1 | -34.959 | 24.854 | 0.051 | -34.9   | 27.49  | 0.162 | -1.424  | 31.387 | 5.215  | 1.467   | 36.004 | 21.588 | 0.103 | 264.598 | 4.071 | 0.103 | 261.045 | 3.476 | 0.103 | 0.207 | 0.0   | 0.102 | 0.154 | 0.0   |
| 55 | 5900 | 5901 | SN | 1 | -34.639 | 19.867 | 0.0   | -34.778 | 20.888 | 0.0   | 5.438   | 26.663 | 11.197 | 7.126   | 30.414 | 10.935 | 0.103 | 245.764 | 3.649 | 0.103 | 253.81  | 2.948 | 0.103 | 0.122 | 0.0   | 0.103 | 0.116 | 0.0   |
| 56 | 5900 | 5901 | SN | 1 | -34.908 | 23.772 | 0.046 | -33.899 | 25.233 | 0.404 | 4.873   | 26.663 | 8.207  | 5.444   | 30.414 | 9.921  | 0.103 | 261.554 | 3.259 | 0.103 | 207.292 | 2.515 | 0.103 | 0.125 | 0.0   | 0.103 | 0.122 | 0.0   |
| 57 | 5900 | 5901 | NS | 1 | -34.195 | 22.628 | 0.001 | -34.003 | 24.082 | 0.082 | -1.482  | 28.335 | 5.938  | -7.376  | 29.454 | 17.095 | 0.103 | 221.923 | 2.828 | 0.103 | 212.329 | 2.876 | 0.103 | 0.209 | 0.0   | 0.103 | 0.545 | 0.0   |
| 58 | 5900 | 5901 | SN | 1 | -34.908 | 23.772 | 0.043 | -33.899 | 25.232 | 0.394 | 4.873   | 26.663 | 8.207  | 5.444   | 30.414 | 9.921  | 0.103 | 261.554 | 3.306 | 0.103 | 207.292 | 2.546 | 0.103 | 0.125 | 0.0   | 0.103 | 0.122 | 0.0   |
| 59 | 5900 | 5901 | NS | 1 | -34.996 | 22.628 | 0.001 | -33.618 | 24.082 | 0.082 | -1.482  | 28.335 | 5.929  | -7.37   | 29.454 | 17.057 | 0.103 | 266.842 | 2.836 | 0.103 | 194.331 | 2.868 | 0.103 | 0.209 | 0.0   | 0.103 | 0.545 | 0.0   |
| 60 | 5901 | 5902 | NS | 1 | -34.812 | 22.282 | 0.002 | -34.96  | 23.122 | 0.007 | -3.522  | 27.051 | 5.985  | -4.014  | 28.809 | 15.423 | 0.103 | 255.786 | 5.253 | 0.103 | 264.683 | 5.271 | 0.103 | 0.278 | 0.0   | 0.103 | 0.3   | 0.0   |
| 61 | 5901 | 5902 | SN | 1 | -33.454 | 21.909 | 0.0   | -34.962 | 24.762 | 0.203 | 6.461   | 26.361 | 8.299  | 6.901   | 28.001 | 9.323  | 0.103 | 187.119 | 1.322 | 0.103 | 264.822 | 1.086 | 0.103 | 0.118 | 0.0   | 0.103 | 0.116 | 0.0   |
| 62 | 5901 | 5902 | SN | 1 | -33.454 | 21.909 | 0.0   | -34.962 | 24.762 | 0.216 | 6.461   | 26.361 | 10.435 | 6.901   | 28.001 | 8.594  | 0.103 | 187.119 | 1.319 | 0.103 | 264.822 | 1.158 | 0.103 | 0.118 | 0.0   | 0.103 | 0.116 | 0.0   |
| 63 | 5901 | 5902 | SN | 1 | -33.454 | 21.347 | 0.0   | -34.962 | 22.604 | 0.01  | 6.461   | 26.361 | 10.474 | 6.901   | 28.001 | 8.525  | 0.103 | 187.119 | 1.433 | 0.103 | 264.822 | 1.256 | 0.103 | 0.118 | 0.0   | 0.103 | 0.116 | 0.0   |
| 64 | 5901 | 5902 | NS | 1 | -34.812 | 22.282 | 0.002 | -34.96  | 23.122 | 0.007 | -3.522  | 27.051 | 6.0    | -4.014  | 28.809 | 15.389 | 0.103 | 255.786 | 5.253 | 0.103 | 264.683 | 5.271 | 0.103 | 0.278 | 0.0   | 0.103 | 0.3   | 0.0   |
| 65 | 5902 | 5903 | SN | 1 | -34.555 | 20.982 | 0.0   | -34.891 | 22.228 | 0.005 | 6.083   | 27.89  | 18.746 | 7.514   | 27.996 | 31.601 | 0.103 | 241.09  | 3.448 | 0.103 | 260.517 | 2.515 | 0.103 | 0.119 | 0.0   | 0.103 | 0.115 | 0.0   |
| 66 | 5902 | 5903 | NS | 1 | -33.963 | 23.392 | 0.006 | -34.643 | 23.15  | 0.032 | -19.925 | 27.056 | 2.642  | -26.353 | 33.219 | 10.167 | 0.103 | 210.373 | 1.675 | 0.103 | 246.025 | 1.61  | 0.103 | 8.381 | 0.005 | 0.102 | 36.54 | 0.024 |
| 67 | 5902 | 5903 | SN | 1 | -34.555 | 22.0   | 0.001 | -34.891 | 25.427 | 0.201 | 6.083   | 27.89  | 16.652 | 7.514   | 27.996 | 28.9   | 0.103 | 241.09  | 3.203 | 0.103 | 260.517 | 2.323 | 0.103 | 0.119 | 0.0   | 0.103 | 0.115 | 0.0   |
| 68 | 5902 | 5903 | SN | 1 | -34.923 | 22.0   | 0.001 | -34.77  | 25.427 | 0.191 | 6.083   | 27.89  | 13.206 | 7.514   | 27.995 | 17.053 | 0.103 | 262.398 | 2.98  | 0.103 | 253.334 | 2.204 | 0.103 | 0.119 | 0.0   | 0.103 | 0.115 | 0.0   |
| 69 | 5902 | 5903 | NS | 1 | -33.963 | 23.392 | 0.006 | -34.643 | 23.15  | 0.032 | -19.925 | 27.056 | 2.644  | -26.353 | 33.219 | 10.179 | 0.103 | 210.373 | 1.673 | 0.103 | 246.025 | 1.611 | 0.103 | 8.381 | 0.005 | 0.102 | 36.54 | 0.024 |
| 70 | 5903 | 5904 | SN | 1 | -33.856 | 22.716 | 0.015 | -33.591 | 24.381 | 0.202 | 5.952   | 27.391 | 18.03  | 7.604   | 28.955 | 36.352 | 0.103 | 205.24  | 0.832 | 0.103 | 193.13  | 0.772 | 0.103 | 0.12  | 0.0   | 0.103 | 0.114 | 0.0   |
| 71 | 5903 | 5904 | SN | 1 | -33.856 | 22.404 | 0.001 | -33.591 | 24.143 | 0.001 | 5.952   | 27.391 | 25.199 | 7.604   | 28.955 | 46.419 | 0.103 | 205.24  | 0.879 | 0.103 | 193.13  | 0.836 | 0.103 | 0.12  | 0.0   | 0.103 | 0.114 | 0.0   |
| 72 | 5903 | 5904 | NS | 1 | -34.849 | 23.988 | 0.086 | -34.506 | 24.222 | 0.185 | -4.562  | 27.396 | 3.451  | -6.731  | 29.013 | 11.021 | 0.103 | 257.971 | 4.584 | 0.103 | 238.421 | 2.765 | 0.103 | 0.328 | 0.0   | 0.103 | 0.482 | 0.0   |

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

- Normal
- Deviations
- Alarming
- High Errors

|    |      |      |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |       |       |       |       |       |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 73 | 5903 | 5904 | NS | 2 | -34.84  | 23.987 | 0.086 | -33.899 | 24.222 | 0.185 | -4.56   | 27.395 | 3.453  | -6.732  | 29.013 | 11.022 | 0.103 | 257.466 | 4.58  | 0.103 | 207.356 | 2.765 | 0.103 | 0.328 | 0.0   | 0.103 | 0.482 | 0.0   |
| 74 | 5903 | 5904 | SN | 1 | -33.856 | 22.716 | 0.014 | -33.591 | 24.381 | 0.197 | 5.952   | 27.391 | 12.803 | 7.604   | 28.955 | 18.135 | 0.103 | 205.24  | 0.808 | 0.103 | 193.13  | 0.759 | 0.103 | 0.12  | 0.0   | 0.103 | 0.114 | 0.0   |
| 75 | 5904 | 5905 | SN | 1 | -33.8   | 22.781 | 0.026 | -34.903 | 24.466 | 0.248 | 2.209   | 27.805 | 8.165  | 2.166   | 30.804 | 11.942 | 0.103 | 202.663 | 2.329 | 0.103 | 261.222 | 1.989 | 0.103 | 0.146 | 0.0   | 0.103 | 0.146 | 0.0   |
| 76 | 5904 | 5905 | NS | 1 | -34.929 | 23.597 | 0.106 | -32.171 | 25.216 | 0.591 | -6.412  | 28.238 | 6.643  | -9.676  | 30.425 | 14.149 | 0.103 | 262.808 | 0.95  | 0.103 | 139.308 | 0.771 | 0.103 | 0.454 | 0.0   | 0.103 | 0.866 | 0.0   |
| 77 | 5904 | 5905 | NS | 2 | -34.929 | 23.597 | 0.106 | -32.171 | 25.216 | 0.591 | -6.412  | 28.238 | 6.643  | -9.676  | 30.425 | 14.149 | 0.103 | 262.808 | 0.95  | 0.103 | 139.308 | 0.771 | 0.103 | 0.454 | 0.0   | 0.103 | 0.866 | 0.0   |
| 78 | 5904 | 5905 | SN | 1 | -33.8   | 22.781 | 0.026 | -34.903 | 24.466 | 0.147 | 2.209   | 27.805 | 8.179  | 2.166   | 30.804 | 11.89  | 0.103 | 202.663 | 2.39  | 0.103 | 261.222 | 2.043 | 0.103 | 0.146 | 0.0   | 0.103 | 0.146 | 0.0   |
| 79 | 5904 | 5905 | SN | 1 | -33.8   | 22.781 | 0.026 | -34.903 | 24.466 | 0.249 | 2.209   | 27.805 | 8.165  | 2.166   | 30.804 | 11.895 | 0.103 | 202.663 | 2.322 | 0.103 | 261.222 | 1.984 | 0.103 | 0.146 | 0.0   | 0.103 | 0.146 | 0.0   |
| 80 | 5905 | 5906 | SN | 1 | -34.97  | 21.525 | 0.0   | -34.999 | 24.68  | 1.049 | -5.632  | 31.941 | 9.107  | -1.632  | 33.44  | 14.245 | 0.103 | 265.292 | 4.649 | 0.103 | 267.034 | 3.475 | 0.102 | 0.394 | 0.0   | 0.102 | 0.213 | 0.0   |
| 81 | 5905 | 5906 | SN | 1 | -34.97  | 21.522 | 0.0   | -34.999 | 24.68  | 1.047 | -5.632  | 31.941 | 9.11   | -1.632  | 33.44  | 14.249 | 0.103 | 265.292 | 4.656 | 0.103 | 267.034 | 3.516 | 0.102 | 0.394 | 0.0   | 0.102 | 0.213 | 0.0   |
| 82 | 5905 | 5906 | SN | 1 | -34.97  | 20.415 | 0.0   | -34.999 | 22.423 | 0.005 | -5.632  | 31.941 | 9.278  | -1.632  | 33.44  | 14.238 | 0.103 | 265.292 | 5.032 | 0.103 | 267.034 | 3.885 | 0.102 | 0.394 | 0.0   | 0.102 | 0.213 | 0.0   |
| 83 | 5905 | 5906 | NS | 1 | -34.586 | 23.696 | 0.239 | -34.851 | 24.534 | 0.529 | 5.492   | 28.218 | 7.585  | 7.013   | 29.409 | 15.423 | 0.103 | 242.88  | 1.705 | 0.103 | 258.048 | 1.352 | 0.103 | 0.122 | 0.0   | 0.103 | 0.116 | 0.0   |
| 84 | 5906 | 5907 | NS | 1 | -34.889 | 23.487 | 0.285 | -34.453 | 24.11  | 0.45  | 1.27    | 28.338 | 12.202 | -0.761  | 30.577 | 34.665 | 0.103 | 260.433 | 5.366 | 0.103 | 235.479 | 4.382 | 0.103 | 0.157 | 0.0   | 0.103 | 0.192 | 0.0   |
| 85 | 5906 | 5907 | SN | 1 | -34.625 | 23.044 | 0.004 | -33.992 | 26.004 | 1.396 | -10.153 | 28.391 | 12.707 | -13.092 | 30.472 | 20.024 | 0.103 | 244.974 | 3.593 | 0.103 | 211.79  | 2.702 | 0.103 | 0.957 | 0.0   | 0.103 | 1.802 | 0.002 |
| 86 | 5906 | 5907 | SN | 2 | -34.188 | 23.044 | 0.004 | -34.926 | 26.004 | 1.393 | -10.151 | 28.391 | 12.711 | -13.149 | 30.472 | 20.025 | 0.103 | 221.631 | 3.592 | 0.103 | 262.642 | 2.705 | 0.103 | 0.957 | 0.0   | 0.103 | 1.825 | 0.002 |
| 87 | 5906 | 5907 | NS | 1 | -34.844 | 23.488 | 0.285 | -34.812 | 24.112 | 0.452 | 1.264   | 28.337 | 12.203 | -0.765  | 30.577 | 34.716 | 0.103 | 257.754 | 5.372 | 0.103 | 255.783 | 4.382 | 0.103 | 0.157 | 0.0   | 0.103 | 0.192 | 0.0   |
| 88 | 5907 | 5908 | SN | 1 | -34.931 | 26.035 | 0.08  | -34.385 | 26.654 | 1.74  | -2.908  | 29.18  | 13.161 | -3.558  | 29.879 | 15.915 | 0.103 | 262.9   | 7.484 | 0.103 | 231.857 | 5.516 | 0.103 | 0.253 | 0.0   | 0.103 | 0.279 | 0.0   |
| 89 | 5907 | 5908 | NS | 1 | -34.81  | 23.871 | 0.426 | -34.92  | 24.777 | 0.438 | -16.084 | 29.602 | 11.132 | -10.635 | 30.861 | 26.482 | 0.103 | 255.702 | 3.935 | 0.103 | 262.234 | 3.191 | 0.103 | 3.508 | 0.009 | 0.103 | 1.059 | 0.002 |
| 90 | 5907 | 5908 | NS | 1 | -34.973 | 23.871 | 0.427 | -34.869 | 24.777 | 0.438 | -16.0   | 29.602 | 11.133 | -10.632 | 30.861 | 26.487 | 0.103 | 265.45  | 3.943 | 0.103 | 259.206 | 3.2   | 0.103 | 3.443 | 0.009 | 0.103 | 1.059 | 0.002 |
| 91 | 5908 | 5909 | NS | 1 | -34.799 | 24.183 | 1.065 | -34.926 | 25.353 | 1.063 | 5.687   | 28.739 | 13.703 | 6.109   | 31.313 | 22.738 | 0.103 | 255.035 | 3.412 | 0.103 | 262.634 | 3.08  | 0.103 | 0.121 | 0.0   | 0.103 | 0.119 | 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     | 5884        | 5885      | SN   | 1    | 57.454          | 58.338 | 0.0       | 0.0           | 295.494 | 4.007     | 1194.768 | 1290.784 | 48.651    | -93.572  | -91.732 | 0.0       |
| 2     | 5884        | 5885      | NS   | 1    | 57.577          | 58.428 | 0.0       | 0.0           | 284.629 | 3.776     | 1215.128 | 1292.848 | 20.521    | -93.781  | -91.63  | 0.0       |
| 3     | 5884        | 5885      | SN   | 1    | 57.454          | 58.338 | 0.0       | 0.0           | 295.494 | 2.967     | 1194.768 | 1290.784 | 50.713    | -93.572  | -91.732 | 0.0       |
| 4     | 5884        | 5885      | SN   | 1    | 57.454          | 58.338 | 0.0       | 0.0           | 295.494 | 4.133     | 1194.768 | 1290.784 | 46.726    | -93.572  | -91.732 | 0.0       |
| 5     | 5884        | 5885      | NS   | 1    | 57.577          | 58.428 | 0.0       | 0.0           | 284.629 | 3.779     | 1215.128 | 1292.848 | 20.54     | -93.781  | -91.63  | 0.0       |
| 6     | 5885        | 5886      | SN   | 1    | 57.462          | 58.338 | 0.0       | 0.0           | 292.913 | 3.75      | 1194.568 | 1290.984 | 48.115    | -93.489  | -91.695 | 0.0       |
| 7     | 5885        | 5886      | SN   | 1    | 57.462          | 58.338 | 0.0       | 0.0           | 292.913 | 3.649     | 1194.568 | 1290.984 | 48.581    | -93.489  | -91.695 | 0.0       |
| 8     | 5885        | 5886      | SN   | 1    | 57.462          | 58.338 | 0.0       | 0.0           | 292.913 | 2.716     | 1194.568 | 1290.984 | 52.746    | -93.489  | -91.695 | 0.0       |
| 9     | 5885        | 5886      | NS   | 1    | 57.58           | 58.445 | 0.0       | 0.0           | 285.285 | 3.52      | 1215.36  | 1293.152 | 19.031    | -93.895  | -91.595 | 0.0       |
| 10    | 5885        | 5886      | NS   | 1    | 57.58           | 58.445 | 0.0       | 0.0           | 285.285 | 3.516     | 1215.36  | 1293.152 | 19.012    | -93.895  | -91.595 | 0.0       |
| 11    | 5886        | 5887      | SN   | 1    | 57.44           | 58.338 | 0.0       | 0.0           | 299.801 | 3.446     | 1194.048 | 1291.032 | 48.918    | -93.552  | -91.734 | 0.0       |
| 12    | 5886        | 5887      | SN   | 1    | 57.44           | 58.338 | 0.0       | 0.0           | 290.381 | 2.632     | 1194.048 | 1291.032 | 52.711    | -93.552  | -91.734 | 0.0       |
| 13    | 5886        | 5887      | NS   | 1    | 57.558          | 58.431 | 0.0       | 0.0           | 285.291 | 3.512     | 1215.424 | 1293.24  | 19.12     | -93.785  | -91.593 | 0.0       |
| 14    | 5886        | 5887      | SN   | 1    | 57.44           | 58.338 | 0.0       | 0.0           | 299.828 | 3.661     | 1194.048 | 1291.032 | 47.93     | -93.552  | -91.734 | 0.0       |
| 15    | 5886        | 5887      | NS   | 1    | 57.558          | 58.431 | 0.0       | 0.0           | 285.291 | 3.515     | 1215.424 | 1293.24  | 19.138    | -93.785  | -91.593 | 0.0       |
| 16    | 5887        | 5888      | SN   | 1    | 57.438          | 58.337 | 0.0       | 0.003         | 296.801 | 3.671     | 1194.648 | 1290.832 | 48.619    | -93.507  | -91.718 | 0.0       |
| 17    | 5887        | 5888      | SN   | 1    | 57.44           | 58.337 | 0.0       | 0.0           | 285.319 | 2.614     | 1194.656 | 1290.84  | 53.47     | -93.507  | -91.718 | 0.0       |
| 18    | 5887        | 5888      | SN   | 1    | 57.44           | 58.337 | 0.0       | 0.0           | 296.79  | 3.501     | 1194.656 | 1290.84  | 49.756    | -93.507  | -91.718 | 0.0       |
| 19    | 5887        | 5888      | NS   | 1    | 57.58           | 58.44  | 0.0       | 0.0           | 286.444 | 3.628     | 1215.44  | 1293.112 | 20.071    | -94.084  | -91.623 | 0.0       |
| 20    | 5887        | 5888      | NS   | 1    | 57.553          | 58.451 | 0.0       | 0.0           | 286.515 | 3.622     | 1215.44  | 1293.112 | 20.051    | -94.035  | -91.623 | 0.0       |
| 21    | 5888        | 5889      | SN   | 1    | 57.433          | 58.336 | 0.0       | 0.003         | 298.748 | 3.652     | 1194.352 | 1290.728 | 48.115    | -93.603  | -91.732 | 0.0       |
| 22    | 5888        | 5889      | SN   | 1    | 57.433          | 58.336 | 0.0       | 0.003         | 298.748 | 3.582     | 1194.352 | 1290.728 | 48.883    | -93.603  | -91.732 | 0.0       |
| 23    | 5888        | 5889      | SN   | 1    | 57.433          | 58.336 | 0.0       | 0.003         | 298.748 | 2.595     | 1194.352 | 1290.728 | 53.105    | -93.603  | -91.732 | 0.0       |
| 24    | 5888        | 5889      | NS   | 2    | 57.563          | 58.43  | 0.0       | 0.0           | 290.05  | 3.681     | 1215.512 | 1292.976 | 20.449    | -93.917  | -91.65  | 0.0       |
| 25    | 5888        | 5889      | NS   | 1    | 57.554          | 58.431 | 0.0       | 0.0           | 290.122 | 3.683     | 1215.52  | 1292.976 | 20.44     | -93.83   | -91.65  | 0.0       |
| 26    | 5889        | 5890      | SN   | 1    | 57.441          | 58.361 | 0.0       | 0.0           | 296.409 | 3.833     | 1194.424 | 1290.52  | 47.238    | -93.564  | -91.732 | 0.0       |
| 27    | 5889        | 5890      | NS   | 2    | 57.581          | 58.429 | 0.0       | 0.0           | 294.689 | 3.704     | 1215.552 | 1292.768 | 19.352    | -93.826  | -91.633 | 0.0       |
| 28    | 5889        | 5890      | NS   | 1    | 57.581          | 58.429 | 0.0       | 0.0           | 294.639 | 3.703     | 1215.544 | 1292.768 | 19.359    | -93.765  | -91.633 | 0.0       |
| 29    | 5889        | 5890      | SN   | 1    | 57.441          | 58.361 | 0.0       | 0.0           | 296.409 | 2.698     | 1194.424 | 1290.52  | 51.941    | -93.564  | -91.732 | 0.0       |
| 30    | 5889        | 5890      | SN   | 1    | 57.441          | 58.361 | 0.0       | 0.0           | 296.409 | 3.717     | 1194.424 | 1290.52  | 47.002    | -93.564  | -91.732 | 0.0       |
| 31    | 5890        | 5891      | SN   | 1    | 57.446          | 58.335 | 0.0       | 0.0           | 295.146 | 3.856     | 1194.448 | 1290.464 | 47.149    | -93.645  | -91.728 | 0.0       |
| 32    | 5890        | 5891      | SN   | 1    | 57.446          | 58.335 | 0.0       | 0.0           | 295.229 | 2.886     | 1194.832 | 1290.472 | 51.385    | -93.645  | -91.728 | 0.0       |
| 33    | 5890        | 5891      | SN   | 1    | 57.446          | 58.335 | 0.0       | 0.0           | 295.229 | 4.19      | 1194.832 | 1290.472 | 46.39     | -93.645  | -91.728 | 0.0       |
| 34    | 5890        | 5891      | NS   | 1    | 57.557          | 58.429 | 0.0       | 0.0           | 298.941 | 3.58      | 1215.36  | 1292.712 | 18.735    | -93.85   | -91.658 | 0.0       |

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

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

|    |      |      |    |   |        |        |     |       |         |       |          |          |        |         |         |     |
|----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 5890 | 5891 | NS | 1 | 57.552 | 58.428 | 0.0 | 0.0   | 299.001 | 3.591 | 1215.096 | 1292.704 | 18.8   | -93.85  | -91.658 | 0.0 |
| 36 | 5891 | 5892 | SN | 1 | 57.467 | 58.336 | 0.0 | 0.0   | 296.029 | 3.882 | 1194.984 | 1290.552 | 47.498 | -93.986 | -91.686 | 0.0 |
| 37 | 5891 | 5892 | SN | 1 | 57.467 | 58.336 | 0.0 | 0.0   | 296.029 | 2.831 | 1194.984 | 1290.552 | 51.943 | -93.986 | -91.686 | 0.0 |
| 38 | 5891 | 5892 | NS | 1 | 57.567 | 58.429 | 0.0 | 0.0   | 295.659 | 3.63  | 1215.192 | 1292.808 | 18.709 | -93.783 | -91.634 | 0.0 |
| 39 | 5891 | 5892 | NS | 1 | 57.556 | 58.44  | 0.0 | 0.0   | 295.714 | 3.623 | 1215.152 | 1292.816 | 18.629 | -93.879 | -91.634 | 0.0 |
| 40 | 5891 | 5892 | SN | 1 | 57.467 | 58.336 | 0.0 | 0.0   | 296.029 | 3.765 | 1194.984 | 1290.552 | 48.31  | -93.986 | -91.686 | 0.0 |
| 41 | 5892 | 5893 | SN | 1 | 57.467 | 58.352 | 0.0 | 0.0   | 296.663 | 3.685 | 1195.064 | 1290.512 | 48.586 | -93.672 | -91.662 | 0.0 |
| 42 | 5892 | 5893 | NS | 1 | 57.565 | 58.429 | 0.0 | 0.0   | 299.58  | 3.832 | 1215.712 | 1292.768 | 21.054 | -93.868 | -91.629 | 0.0 |
| 43 | 5892 | 5893 | NS | 1 | 57.565 | 58.429 | 0.0 | 0.0   | 299.58  | 3.835 | 1215.712 | 1292.768 | 21.077 | -93.868 | -91.629 | 0.0 |
| 44 | 5892 | 5893 | SN | 2 | 57.467 | 58.352 | 0.0 | 0.0   | 296.663 | 3.685 | 1195.064 | 1290.512 | 48.586 | -93.672 | -91.662 | 0.0 |
| 45 | 5893 | 5894 | NS | 1 | 57.584 | 58.428 | 0.0 | 0.0   | 298.328 | 3.707 | 1215.576 | 1292.56  | 20.371 | -93.848 | -91.64  | 0.0 |
| 46 | 5893 | 5894 | NS | 1 | 57.584 | 58.428 | 0.0 | 0.0   | 298.328 | 3.699 | 1215.576 | 1292.56  | 20.378 | -93.848 | -91.64  | 0.0 |
| 47 | 5898 | 5899 | SN | 1 | 57.436 | 58.325 | 0.0 | 0.0   | 295.416 | 3.976 | 1194.224 | 1290.208 | 48.705 | -93.424 | -91.733 | 0.0 |
| 48 | 5898 | 5899 | SN | 1 | 57.436 | 58.318 | 0.0 | 0.003 | 288.964 | 2.429 | 1194.224 | 1272.072 | 44.278 | -93.408 | -91.733 | 0.0 |
| 49 | 5898 | 5899 | SN | 1 | 57.436 | 58.318 | 0.0 | 0.003 | 1.699   | 0.21  | 1194.224 | 1272.072 | 49.446 | -93.408 | -91.733 | 0.0 |
| 50 | 5899 | 5900 | SN | 1 | 57.453 | 58.331 | 0.0 | 0.003 | 295.593 | 3.802 | 1193.92  | 1290.088 | 49.165 | -93.574 | -91.71  | 0.0 |
| 51 | 5899 | 5900 | NS | 1 | 57.586 | 58.428 | 0.0 | 0.0   | 299.288 | 3.576 | 1216.096 | 1292.504 | 19.733 | -94.055 | -91.643 | 0.0 |
| 52 | 5899 | 5900 | SN | 1 | 57.453 | 58.331 | 0.0 | 0.003 | 295.593 | 3.572 | 1193.92  | 1290.088 | 49.491 | -93.574 | -91.71  | 0.0 |
| 53 | 5899 | 5900 | SN | 1 | 57.453 | 58.331 | 0.0 | 0.003 | 295.593 | 2.792 | 1193.92  | 1290.088 | 52.712 | -93.574 | -91.71  | 0.0 |
| 54 | 5899 | 5900 | NS | 1 | 57.586 | 58.428 | 0.0 | 0.0   | 299.288 | 3.562 | 1216.096 | 1292.504 | 19.659 | -94.055 | -91.643 | 0.0 |
| 55 | 5900 | 5901 | SN | 1 | 57.436 | 58.331 | 0.0 | 0.003 | 296.106 | 2.627 | 1194.104 | 1290.296 | 53.306 | -93.483 | -91.703 | 0.0 |
| 56 | 5900 | 5901 | SN | 1 | 57.432 | 58.33  | 0.0 | 0.0   | 295.996 | 3.661 | 1194.064 | 1290.296 | 48.425 | -93.483 | -91.703 | 0.0 |
| 57 | 5900 | 5901 | NS | 1 | 57.586 | 58.43  | 0.0 | 0.0   | 298.648 | 3.472 | 1216.16  | 1292.784 | 19.082 | -93.798 | -91.595 | 0.0 |
| 58 | 5900 | 5901 | SN | 1 | 57.432 | 58.33  | 0.0 | 0.0   | 295.996 | 3.56  | 1194.064 | 1290.296 | 48.919 | -93.483 | -91.703 | 0.0 |
| 59 | 5900 | 5901 | NS | 1 | 57.587 | 58.431 | 0.0 | 0.0   | 298.731 | 3.471 | 1216.168 | 1292.808 | 19.062 | -93.798 | -91.595 | 0.0 |
| 60 | 5901 | 5902 | NS | 1 | 57.587 | 58.43  | 0.0 | 0.0   | 299.431 | 3.572 | 1216.12  | 1292.728 | 19.405 | -93.832 | -91.64  | 0.0 |
| 61 | 5901 | 5902 | SN | 1 | 57.44  | 58.33  | 0.0 | 0.0   | 294.628 | 3.674 | 1193.944 | 1290.192 | 48.79  | -93.493 | -91.727 | 0.0 |
| 62 | 5901 | 5902 | SN | 1 | 57.44  | 58.33  | 0.0 | 0.0   | 294.628 | 3.483 | 1193.944 | 1290.192 | 50.087 | -93.493 | -91.727 | 0.0 |
| 63 | 5901 | 5902 | SN | 1 | 57.44  | 58.33  | 0.0 | 0.0   | 294.628 | 2.619 | 1193.944 | 1290.192 | 53.633 | -93.493 | -91.727 | 0.0 |
| 64 | 5901 | 5902 | NS | 1 | 57.587 | 58.43  | 0.0 | 0.0   | 299.431 | 3.575 | 1216.12  | 1292.728 | 19.425 | -93.832 | -91.64  | 0.0 |
| 65 | 5902 | 5903 | SN | 1 | 57.439 | 58.328 | 0.0 | 0.0   | 290.756 | 2.637 | 1193.416 | 1289.976 | 53.14  | -93.852 | -91.726 | 0.0 |
| 66 | 5902 | 5903 | NS | 1 | 57.581 | 58.43  | 0.0 | 0.0   | 299.58  | 3.636 | 1216.28  | 1292.544 | 20.244 | -93.78  | -91.631 | 0.0 |
| 67 | 5902 | 5903 | SN | 1 | 57.439 | 58.328 | 0.0 | 0.0   | 297.634 | 3.589 | 1193.416 | 1289.976 | 49.309 | -93.852 | -91.726 | 0.0 |
| 68 | 5902 | 5903 | SN | 1 | 57.439 | 58.329 | 0.0 | 0.0   | 297.634 | 3.695 | 1193.4   | 1289.976 | 48.444 | -93.852 | -91.726 | 0.0 |
| 69 | 5902 | 5903 | NS | 1 | 57.581 | 58.43  | 0.0 | 0.0   | 299.58  | 3.64  | 1216.28  | 1292.544 | 20.262 | -93.78  | -91.631 | 0.0 |
| 70 | 5903 | 5904 | SN | 1 | 57.454 | 58.327 | 0.0 | 0.0   | 293.944 | 3.716 | 1193.528 | 1289.816 | 48.826 | -93.525 | -91.726 | 0.0 |
| 71 | 5903 | 5904 | SN | 1 | 57.454 | 58.327 | 0.0 | 0.0   | 284.762 | 2.657 | 1193.528 | 1289.816 | 53.516 | -93.525 | -91.726 | 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 | 5903 | 5904 | NS | 1 | 57.57  | 58.435 | 0.0 | 0.0 | 285.269 | 3.697 | 1216.248 | 1292.392 | 19.998 | -93.888 | -91.652 | 0.0 |
| 73 | 5903 | 5904 | NS | 2 | 57.569 | 58.429 | 0.0 | 0.0 | 285.28  | 3.698 | 1216.256 | 1292.392 | 19.989 | -93.78  | -91.652 | 0.0 |
| 74 | 5903 | 5904 | SN | 1 | 57.454 | 58.327 | 0.0 | 0.0 | 293.944 | 3.656 | 1193.528 | 1289.816 | 47.962 | -93.525 | -91.726 | 0.0 |
| 75 | 5904 | 5905 | SN | 1 | 57.439 | 58.327 | 0.0 | 0.0 | 297.049 | 3.805 | 1194.248 | 1289.68  | 46.905 | -93.49  | -91.714 | 0.0 |
| 76 | 5904 | 5905 | NS | 1 | 57.559 | 58.432 | 0.0 | 0.0 | 288.936 | 3.638 | 1216.176 | 1292.24  | 18.446 | -93.824 | -91.66  | 0.0 |
| 77 | 5904 | 5905 | NS | 2 | 57.559 | 58.432 | 0.0 | 0.0 | 288.936 | 3.637 | 1216.176 | 1292.24  | 18.444 | -93.824 | -91.66  | 0.0 |
| 78 | 5904 | 5905 | SN | 1 | 57.439 | 58.327 | 0.0 | 0.0 | 297.049 | 3.616 | 1194.248 | 1289.68  | 48.039 | -93.49  | -91.714 | 0.0 |
| 79 | 5904 | 5905 | SN | 1 | 57.439 | 58.327 | 0.0 | 0.0 | 297.049 | 3.808 | 1194.248 | 1289.68  | 46.931 | -93.49  | -91.714 | 0.0 |
| 80 | 5905 | 5906 | SN | 1 | 57.464 | 58.328 | 0.0 | 0.0 | 295.24  | 3.818 | 1194.224 | 1289.76  | 47.342 | -93.489 | -91.717 | 0.0 |
| 81 | 5905 | 5906 | SN | 1 | 57.464 | 58.328 | 0.0 | 0.0 | 295.24  | 3.815 | 1194.224 | 1289.76  | 47.388 | -93.489 | -91.717 | 0.0 |
| 82 | 5905 | 5906 | SN | 1 | 57.464 | 58.328 | 0.0 | 0.0 | 295.24  | 3.171 | 1194.224 | 1289.76  | 50.041 | -93.489 | -91.717 | 0.0 |
| 83 | 5905 | 5906 | NS | 1 | 57.59  | 58.436 | 0.0 | 0.0 | 293.883 | 3.58  | 1216.344 | 1292.28  | 18.655 | -93.845 | -91.664 | 0.0 |
| 84 | 5906 | 5907 | NS | 1 | 57.591 | 58.43  | 0.0 | 0.0 | 297.049 | 3.708 | 1216.44  | 1292.344 | 19.794 | -93.851 | -91.633 | 0.0 |
| 85 | 5906 | 5907 | SN | 1 | 57.468 | 58.327 | 0.0 | 0.0 | 294.589 | 3.744 | 1194.568 | 1289.736 | 47.881 | -94.054 | -91.656 | 0.0 |
| 86 | 5906 | 5907 | SN | 2 | 57.443 | 58.327 | 0.0 | 0.0 | 294.611 | 3.743 | 1194.448 | 1289.736 | 47.906 | -94.054 | -91.656 | 0.0 |
| 87 | 5906 | 5907 | NS | 1 | 57.574 | 58.429 | 0.0 | 0.0 | 297.005 | 3.698 | 1216.448 | 1292.328 | 19.71  | -93.851 | -91.633 | 0.0 |
| 88 | 5907 | 5908 | SN | 1 | 57.46  | 58.326 | 0.0 | 0.0 | 294.512 | 3.699 | 1193.928 | 1289.544 | 47.84  | -93.588 | -91.687 | 0.0 |
| 89 | 5907 | 5908 | NS | 1 | 57.592 | 58.428 | 0.0 | 0.0 | 296.696 | 3.754 | 1216.752 | 1292.256 | 20.579 | -93.827 | -91.641 | 0.0 |
| 90 | 5907 | 5908 | NS | 1 | 57.592 | 58.428 | 0.0 | 0.0 | 296.674 | 3.756 | 1216.76  | 1292.24  | 20.592 | -93.804 | -91.641 | 0.0 |
| 91 | 5908 | 5909 | NS | 1 | 57.593 | 58.44  | 0.0 | 0.0 | 296.657 | 3.627 | 1216.944 | 1292.04  | 20.015 | -93.865 | -91.636 | 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       | 5884        | 5885      | SN       | 1    | -34.287 | 18.529   | 0.0        | -34.886 | 19.537    | 0.0        | -8.85   | 22.139  | 0.003      | -3.816  | 23.983   | 0.09       | 0.083 | 196.273  | 3.873      | 0.083 | 212.448   | 3.143      | 0.083 | 0.595  | 0.0        | 0.083 | 0.236  | 0.0        |
| 2       | 5884        | 5885      | NS       | 1    | -34.977 | 19.576   | 0.0        | -34.507 | 20.863    | 0.0        | -2.299  | 30.419  | 0.016      | -0.157  | 25.721   | 0.123      | 0.083 | 217.013  | 2.828      | 0.083 | 194.75    | 2.806      | 0.083 | 0.188  | 0.0        | 0.083 | 0.145  | 0.0        |
| 3       | 5884        | 5885      | SN       | 1    | -34.287 | 17.587   | 0.0        | -34.886 | 17.576    | 0.0        | -8.85   | 22.139  | 0.004      | -3.816  | 23.983   | 0.105      | 0.083 | 196.273  | 3.929      | 0.083 | 212.448   | 3.647      | 0.083 | 0.595  | 0.0        | 0.083 | 0.236  | 0.0        |
| 4       | 5884        | 5885      | SN       | 1    | -34.287 | 18.529   | 0.0        | -34.886 | 19.217    | 0.0        | -8.85   | 22.139  | 0.004      | -3.816  | 23.983   | 0.105      | 0.083 | 196.273  | 3.67       | 0.083 | 212.448   | 3.012      | 0.083 | 0.595  | 0.0        | 0.083 | 0.236  | 0.0        |
| 5       | 5884        | 5885      | NS       | 1    | -34.977 | 19.576   | 0.0        | -34.507 | 20.863    | 0.0        | -2.299  | 30.419  | 0.016      | -0.157  | 25.721   | 0.124      | 0.083 | 217.013  | 2.83       | 0.083 | 194.75    | 2.809      | 0.083 | 0.188  | 0.0        | 0.083 | 0.145  | 0.0        |
| 6       | 5885        | 5886      | SN       | 1    | -34.803 | 18.682   | 0.0        | -34.646 | 19.168    | 0.0        | -3.567  | 21.76   | 0.0        | -5.813  | 23.032   | 0.102      | 0.083 | 208.397  | 3.541      | 0.083 | 201.101   | 3.054      | 0.083 | 0.227  | 0.0        | 0.083 | 0.331  | 0.0        |
| 7       | 5885        | 5886      | SN       | 1    | -34.803 | 18.682   | 0.0        | -34.646 | 19.168    | 0.0        | -3.567  | 21.76   | 0.0        | -5.813  | 23.032   | 0.102      | 0.083 | 208.397  | 3.6        | 0.083 | 201.101   | 3.094      | 0.083 | 0.227  | 0.0        | 0.083 | 0.331  | 0.0        |
| 8       | 5885        | 5886      | SN       | 1    | -34.803 | 15.812   | 0.0        | -34.646 | 16.549    | 0.0        | 0.754   | 21.76   | 0.0        | -5.813  | 23.032   | 0.122      | 0.084 | 208.397  | 3.796      | 0.084 | 201.101   | 3.581      | 0.083 | 0.137  | 0.0        | 0.083 | 0.331  | 0.0        |
| 9       | 5885        | 5886      | NS       | 1    | -34.81  | 19.076   | 0.0        | -34.343 | 20.077    | 0.0        | -9.514  | 21.607  | 0.0        | -8.168  | 26.513   | 0.038      | 0.083 | 208.769  | 1.832      | 0.083 | 187.513   | 1.89       | 0.083 | 0.682  | 0.0        | 0.083 | 0.519  | 0.0        |
| 10      | 5885        | 5886      | NS       | 1    | -34.81  | 19.076   | 0.0        | -34.343 | 20.077    | 0.0        | -9.514  | 21.607  | 0.0        | -8.168  | 26.513   | 0.037      | 0.083 | 208.769  | 1.832      | 0.083 | 187.513   | 1.89       | 0.083 | 0.682  | 0.0        | 0.083 | 0.519  | 0.0        |
| 11      | 5886        | 5887      | SN       | 1    | -34.968 | 16.923   | 0.0        | -34.685 | 18.366    | 0.0        | 1.543   | 21.36   | 0.0        | 2.169   | 22.43    | 0.01       | 0.084 | 216.561  | 3.806      | 0.083 | 202.882   | 3.101      | 0.083 | 0.124  | 0.0        | 0.083 | 0.118  | 0.0        |
| 12      | 5886        | 5887      | SN       | 1    | -34.968 | 14.72    | 0.0        | -34.685 | 14.968    | 0.0        | 1.543   | 21.36   | 0.0        | 2.169   | 22.43    | 0.01       | 0.084 | 216.561  | 4.107      | 0.084 | 202.882   | 3.364      | 0.083 | 0.124  | 0.0        | 0.083 | 0.118  | 0.0        |
| 13      | 5886        | 5887      | NS       | 1    | -34.643 | 17.523   | 0.0        | -34.08  | 16.88     | 0.0        | -6.643  | 21.412  | 0.0        | -27.499 | 22.441   | 0.029      | 0.083 | 200.949  | 3.818      | 0.084 | 176.491   | 3.371      | 0.083 | 0.386  | 0.0        | 0.083 | 38.839 | 0.034      |
| 14      | 5886        | 5887      | SN       | 1    | -34.968 | 16.923   | 0.0        | -34.685 | 18.366    | 0.0        | 1.543   | 21.36   | 0.0        | 2.169   | 22.43    | 0.007      | 0.084 | 216.561  | 3.652      | 0.083 | 202.882   | 2.913      | 0.083 | 0.124  | 0.0        | 0.083 | 0.118  | 0.0        |
| 15      | 5886        | 5887      | NS       | 1    | -34.643 | 17.523   | 0.0        | -34.08  | 16.88     | 0.0        | -6.643  | 21.412  | 0.0        | -27.499 | 22.441   | 0.029      | 0.083 | 200.949  | 3.818      | 0.084 | 176.491   | 3.371      | 0.083 | 0.386  | 0.0        | 0.083 | 38.839 | 0.034      |
| 16      | 5887        | 5888      | SN       | 1    | -34.852 | 16.799   | 0.0        | -34.273 | 18.649    | 0.0        | 1.045   | 22.276  | 0.028      | 1.976   | 22.444   | 0.107      | 0.084 | 226.162  | 2.245      | 0.083 | 184.502   | 1.962      | 0.083 | 0.129  | 0.0        | 0.083 | 0.12   | 0.0        |
| 17      | 5887        | 5888      | SN       | 1    | -34.182 | 15.156   | 0.0        | -34.549 | 16.009    | 0.0        | 1.045   | 22.276  | 0.043      | 1.976   | 22.444   | 0.203      | 0.084 | 191.232  | 2.509      | 0.084 | 196.595   | 2.222      | 0.083 | 0.129  | 0.0        | 0.083 | 0.12   | 0.0        |
| 18      | 5887        | 5888      | SN       | 1    | -34.182 | 16.799   | 0.0        | -34.549 | 18.649    | 0.0        | 1.045   | 22.276  | 0.037      | 1.976   | 22.444   | 0.179      | 0.084 | 191.232  | 2.353      | 0.083 | 196.595   | 2.075      | 0.083 | 0.129  | 0.0        | 0.083 | 0.12   | 0.0        |
| 19      | 5887        | 5888      | NS       | 1    | -34.594 | 17.35    | 0.0        | -34.086 | 17.853    | 0.0        | -18.33  | 21.776  | 0.0        | -31.121 | 22.364   | 0.011      | 0.084 | 198.674  | 3.022      | 0.083 | 176.717   | 2.802      | 0.083 | 4.759  | 0.014      | 0.083 | 89.311 | 0.081      |
| 20      | 5887        | 5888      | NS       | 1    | -34.461 | 17.35    | 0.0        | -33.788 | 17.851    | 0.0        | -18.335 | 21.776  | 0.0        | -31.048 | 22.364   | 0.011      | 0.084 | 192.67   | 3.019      | 0.083 | 164.994   | 2.809      | 0.083 | 4.763  | 0.013      | 0.083 | 87.833 | 0.08       |
| 21      | 5888        | 5889      | SN       | 1    | -34.371 | 16.644   | 0.0        | -34.784 | 18.642    | 0.0        | 0.218   | 21.757  | 0.0        | 1.574   | 23.03    | 0.255      | 0.084 | 188.746  | 1.922      | 0.083 | 207.555   | 1.647      | 0.083 | 0.139  | 0.0        | 0.083 | 0.123  | 0.0        |
| 22      | 5888        | 5889      | SN       | 1    | -34.371 | 16.644   | 0.0        | -34.784 | 18.642    | 0.0        | 0.218   | 21.757  | 0.0        | 1.574   | 23.03    | 0.418      | 0.084 | 188.746  | 2.004      | 0.083 | 207.555   | 1.712      | 0.083 | 0.139  | 0.0        | 0.083 | 0.123  | 0.0        |
| 23      | 5888        | 5889      | SN       | 1    | -34.371 | 16.358   | 0.0        | -34.784 | 16.516    | 0.0        | 0.218   | 21.757  | 0.0        | 1.574   | 23.03    | 0.574      | 0.084 | 188.746  | 2.112      | 0.084 | 207.555   | 1.812      | 0.083 | 0.139  | 0.0        | 0.083 | 0.123  | 0.0        |
| 24      | 5888        | 5889      | NS       | 2    | -33.765 | 17.017   | 0.0        | -33.201 | 17.361    | 0.0        | -23.743 | 21.825  | 0.0        | -21.565 | 22.696   | 0.004      | 0.084 | 164.13   | 1.433      | 0.084 | 144.197   | 1.351      | 0.083 | 16.391 | 0.026      | 0.083 | 9.952  | 0.012      |
| 25      | 5888        | 5889      | NS       | 1    | -33.039 | 17.017   | 0.0        | -33.208 | 17.359    | 0.0        | -23.732 | 21.827  | 0.0        | -21.553 | 22.696   | 0.004      | 0.084 | 138.897  | 1.433      | 0.084 | 144.387   | 1.351      | 0.083 | 16.352 | 0.026      | 0.083 | 9.923  | 0.012      |
| 26      | 5889        | 5890      | SN       | 1    | -33.338 | 16.903   | 0.0        | -32.171 | 18.171    | 0.0        | 0.071   | 21.81   | 0.0        | 3.961   | 21.793   | 0.0        | 0.084 | 153.849  | 1.038      | 0.083 | 113.749   | 0.936      | 0.083 | 0.142  | 0.0        | 0.083 | 0.105  | 0.0        |
| 27      | 5889        | 5890      | NS       | 2    | -34.861 | 17.846   | 0.0        | -34.99  | 18.504    | 0.0        | -25.022 | 21.46   | 0.0        | -20.208 | 22.645   | 0.058      | 0.083 | 211.256  | 1.112      | 0.083 | 217.59    | 0.978      | 0.083 | 21.984 | 0.05       | 0.083 | 7.298  | 0.039      |
| 28      | 5889        | 5890      | NS       | 1    | -33.511 | 17.845   | 0.0        | -34.834 | 18.504    | 0.0        | -25.038 | 21.46   | 0.0        | -20.217 | 22.645   | 0.058      | 0.083 | 154.828  | 1.112      | 0.083 | 209.951   | 0.977      | 0.083 | 22.064 | 0.05       | 0.083 | 7.313  | 0.039      |
| 29      | 5889        | 5890      | SN       | 1    | -33.338 | 16.372   | 0.0        | -32.171 | 17.189    | 0.0        | 0.071   | 21.81   | 0.0        | 3.961   | 21.793   | 0.0        | 0.084 | 153.849  | 1.085      | 0.084 | 113.749   | 0.966      | 0.083 | 0.142  | 0.0        | 0.083 | 0.105  | 0.0        |
| 30      | 5889        | 5890      | SN       | 1    | -33.338 | 16.903   | 0.0        | -32.171 | 18.173    | 0.0        | 0.071   | 21.81   | 0.0        | 3.961   | 21.793   | 0.0        | 0.084 | 153.849  | 1.016      | 0.083 | 113.749   | 0.919      | 0.083 | 0.142  | 0.0        | 0.083 | 0.105  | 0.0        |
| 31      | 5890        | 5891      | SN       | 1    | -34.453 | 17.464   | 0.0        | -34.012 | 18.586    | 0.0        | -6.683  | 22.953  | 0.142      | -6.967  | 23.264   | 0.557      | 0.084 | 192.327  | 1.916      | 0.083 | 173.745   | 1.587      | 0.083 | 0.402  | 0.0        | 0.083 | 0.41   | 0.0        |
| 32      | 5890        | 5891      | SN       | 1    | -34.881 | 15.22    | 0.0        | -33.848 | 15.591    | 0.0        | -5.575  | 22.953  | 0.216      | -6.969  | 23.264   | 0.721      | 0.084 | 212.212  | 1.952      | 0.084 | 167.305   | 1.583      | 0.083 | 0.317  | 0.0        | 0.083 | 0.41   | 0.0        |

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

|    |      |      |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |        |       |       |        |       |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 33 | 5890 | 5891 | SN | 1 | -34.881 | 17.464 | 0.0 | -33.848 | 18.586 | 0.0 | -5.575  | 22.953 | 0.176 | -6.969  | 23.264 | 0.697 | 0.084 | 212.212 | 1.916 | 0.083 | 167.305 | 1.591 | 0.083 | 0.317  | 0.0   | 0.083 | 0.41   | 0.0   |
| 34 | 5890 | 5891 | NS | 1 | -34.015 | 17.737 | 0.0 | -34.603 | 18.241 | 0.0 | 3.087   | 22.464 | 0.133 | 1.66    | 23.134 | 0.249 | 0.083 | 173.904 | 1.349 | 0.083 | 199.037 | 1.226 | 0.083 | 0.111  | 0.0   | 0.083 | 0.123  | 0.0   |
| 35 | 5890 | 5891 | NS | 1 | -34.187 | 17.737 | 0.0 | -34.359 | 18.243 | 0.0 | 3.088   | 22.464 | 0.133 | 1.66    | 23.134 | 0.258 | 0.083 | 185.499 | 1.347 | 0.083 | 188.156 | 1.226 | 0.083 | 0.111  | 0.0   | 0.083 | 0.123  | 0.0   |
| 36 | 5891 | 5892 | SN | 1 | -34.393 | 17.502 | 0.0 | -33.449 | 18.618 | 0.0 | -7.554  | 22.922 | 0.064 | -7.431  | 24.121 | 0.744 | 0.083 | 189.677 | 2.805 | 0.083 | 152.636 | 2.505 | 0.083 | 0.459  | 0.0   | 0.083 | 0.448  | 0.0   |
| 37 | 5891 | 5892 | SN | 1 | -34.393 | 17.502 | 0.0 | -33.449 | 17.803 | 0.0 | -7.554  | 22.922 | 0.085 | -7.431  | 24.121 | 0.674 | 0.083 | 189.677 | 2.789 | 0.083 | 152.636 | 2.658 | 0.083 | 0.459  | 0.0   | 0.083 | 0.448  | 0.0   |
| 38 | 5891 | 5892 | NS | 1 | -34.919 | 18.609 | 0.0 | -34.71  | 18.13  | 0.0 | -1.271  | 22.805 | 0.06  | -1.265  | 23.748 | 0.832 | 0.083 | 214.102 | 3.375 | 0.083 | 203.997 | 3.019 | 0.083 | 0.165  | 0.0   | 0.083 | 0.165  | 0.0   |
| 39 | 5891 | 5892 | NS | 1 | -34.878 | 18.609 | 0.0 | -34.855 | 18.13  | 0.0 | -1.271  | 22.805 | 0.06  | -1.268  | 23.748 | 0.834 | 0.083 | 212.068 | 3.38  | 0.083 | 211.0   | 3.019 | 0.083 | 0.165  | 0.0   | 0.083 | 0.165  | 0.0   |
| 40 | 5891 | 5892 | SN | 1 | -34.393 | 17.502 | 0.0 | -33.449 | 18.618 | 0.0 | -8.74   | 22.922 | 0.06  | -7.431  | 24.121 | 0.696 | 0.083 | 189.677 | 2.805 | 0.083 | 152.636 | 2.505 | 0.083 | 0.582  | 0.0   | 0.083 | 0.448  | 0.0   |
| 41 | 5892 | 5893 | SN | 1 | -34.823 | 18.068 | 0.0 | -33.738 | 19.301 | 0.0 | -26.096 | 22.444 | 0.03  | -4.477  | 23.874 | 0.412 | 0.083 | 209.385 | 3.556 | 0.083 | 163.117 | 3.051 | 0.083 | 28.125 | 0.035 | 0.083 | 0.262  | 0.0   |
| 42 | 5892 | 5893 | NS | 1 | -34.888 | 18.19  | 0.0 | -34.991 | 18.342 | 0.0 | -0.722  | 22.594 | 0.084 | 1.476   | 23.909 | 1.842 | 0.083 | 212.515 | 4.902 | 0.083 | 217.705 | 4.603 | 0.083 | 0.154  | 0.0   | 0.083 | 0.124  | 0.0   |
| 43 | 5892 | 5893 | NS | 1 | -34.888 | 18.19  | 0.0 | -34.991 | 18.342 | 0.0 | -0.722  | 22.594 | 0.085 | 1.476   | 23.909 | 1.843 | 0.083 | 212.515 | 4.903 | 0.083 | 217.705 | 4.587 | 0.083 | 0.154  | 0.0   | 0.083 | 0.124  | 0.0   |
| 44 | 5892 | 5893 | SN | 2 | -34.823 | 18.068 | 0.0 | -33.738 | 19.301 | 0.0 | -26.096 | 22.444 | 0.03  | -4.477  | 23.874 | 0.412 | 0.083 | 209.385 | 3.556 | 0.083 | 163.117 | 3.051 | 0.083 | 28.125 | 0.035 | 0.083 | 0.262  | 0.0   |
| 45 | 5893 | 5894 | NS | 1 | -34.854 | 18.591 | 0.0 | -34.303 | 18.99  | 0.0 | -8.233  | 22.108 | 0.005 | -0.331  | 24.427 | 0.972 | 0.083 | 210.899 | 3.257 | 0.083 | 185.799 | 3.361 | 0.083 | 0.525  | 0.0   | 0.083 | 0.148  | 0.0   |
| 46 | 5893 | 5894 | NS | 1 | -34.854 | 18.591 | 0.0 | -34.303 | 18.99  | 0.0 | -8.233  | 22.108 | 0.005 | -0.331  | 24.427 | 0.973 | 0.083 | 210.899 | 3.257 | 0.083 | 185.799 | 3.358 | 0.083 | 0.525  | 0.0   | 0.083 | 0.148  | 0.0   |
| 47 | 5898 | 5899 | SN | 1 | -34.844 | 18.399 | 0.0 | -34.936 | 19.564 | 0.0 | -8.08   | 22.13  | 0.002 | -5.567  | 22.556 | 0.012 | 0.083 | 210.465 | 5.443 | 0.083 | 214.947 | 3.809 | 0.083 | 0.547  | 0.0   | 0.083 | 0.317  | 0.0   |
| 48 | 5898 | 5899 | SN | 1 | -34.844 | 18.399 | 0.0 | -34.936 | 19.564 | 0.0 | 3.696   | 21.496 | 0.0   | -5.567  | 22.511 | 0.007 | 0.083 | 210.465 | 7.523 | 0.083 | 214.947 | 5.628 | 0.083 | 0.107  | 0.0   | 0.083 | 0.317  | 0.0   |
| 49 | 5898 | 5899 | SN | 1 | -34.844 | 16.909 | 0.0 | -34.936 | 12.017 | 0.0 | 3.696   | 18.366 | 0.0   | -5.567  | 21.535 | 0.0   | 0.084 | 210.465 | 8.184 | 0.086 | 214.947 | 7.52  | 0.083 | 0.107  | 0.0   | 0.083 | 0.317  | 0.0   |
| 50 | 5899 | 5900 | SN | 1 | -34.677 | 18.677 | 0.0 | -34.631 | 19.598 | 0.0 | -15.521 | 21.955 | 0.0   | -8.231  | 23.597 | 0.073 | 0.083 | 209.471 | 6.186 | 0.083 | 200.358 | 4.574 | 0.083 | 2.523  | 0.002 | 0.083 | 0.525  | 0.0   |
| 51 | 5899 | 5900 | NS | 1 | -33.998 | 19.274 | 0.0 | -34.071 | 20.552 | 0.0 | -2.373  | 22.228 | 0.002 | -2.91   | 26.42  | 0.092 | 0.083 | 173.204 | 3.852 | 0.083 | 176.111 | 3.97  | 0.083 | 0.19   | 0.0   | 0.083 | 0.205  | 0.0   |
| 52 | 5899 | 5900 | SN | 1 | -34.677 | 18.677 | 0.0 | -34.631 | 18.98  | 0.0 | -15.521 | 21.955 | 0.0   | -8.231  | 23.597 | 0.088 | 0.083 | 209.471 | 6.242 | 0.083 | 200.358 | 4.877 | 0.083 | 2.523  | 0.002 | 0.083 | 0.525  | 0.0   |
| 53 | 5899 | 5900 | SN | 1 | -34.677 | 15.89  | 0.0 | -34.631 | 18.272 | 0.0 | -15.521 | 21.955 | 0.0   | -8.231  | 23.597 | 0.088 | 0.084 | 209.471 | 6.669 | 0.083 | 200.358 | 5.501 | 0.083 | 2.523  | 0.003 | 0.083 | 0.525  | 0.0   |
| 54 | 5899 | 5900 | NS | 1 | -33.998 | 19.274 | 0.0 | -34.071 | 20.552 | 0.0 | -2.373  | 22.228 | 0.002 | -2.91   | 26.42  | 0.091 | 0.083 | 173.204 | 3.852 | 0.083 | 176.111 | 3.97  | 0.083 | 0.19   | 0.0   | 0.083 | 0.205  | 0.0   |
| 55 | 5900 | 5901 | SN | 1 | -34.872 | 15.282 | 0.0 | -34.804 | 15.368 | 0.0 | 0.624   | 22.535 | 0.018 | 1.988   | 22.802 | 0.067 | 0.084 | 211.787 | 3.822 | 0.084 | 208.525 | 3.67  | 0.083 | 0.134  | 0.0   | 0.083 | 0.119  | 0.0   |
| 56 | 5900 | 5901 | SN | 1 | -34.765 | 18.419 | 0.0 | -34.665 | 19.407 | 0.0 | 0.624   | 22.535 | 0.012 | 1.99    | 22.802 | 0.055 | 0.083 | 206.655 | 3.451 | 0.083 | 208.836 | 3.147 | 0.083 | 0.134  | 0.0   | 0.083 | 0.119  | 0.0   |
| 57 | 5900 | 5901 | NS | 1 | -34.957 | 16.839 | 0.0 | -34.286 | 16.767 | 0.0 | -10.683 | 21.609 | 0.0   | -28.118 | 22.822 | 0.031 | 0.084 | 216.01  | 2.594 | 0.084 | 185.068 | 2.81  | 0.083 | 0.872  | 0.0   | 0.083 | 44.776 | 0.049 |
| 58 | 5900 | 5901 | SN | 1 | -34.765 | 18.419 | 0.0 | -34.665 | 19.407 | 0.0 | 0.624   | 22.535 | 0.012 | 1.99    | 22.802 | 0.055 | 0.083 | 206.655 | 3.501 | 0.083 | 208.836 | 3.183 | 0.083 | 0.134  | 0.0   | 0.083 | 0.119  | 0.0   |
| 59 | 5900 | 5901 | NS | 1 | -34.945 | 16.839 | 0.0 | -33.86  | 16.767 | 0.0 | -10.693 | 21.61  | 0.0   | -28.184 | 22.822 | 0.031 | 0.084 | 215.383 | 2.589 | 0.084 | 172.075 | 2.808 | 0.083 | 0.874  | 0.0   | 0.083 | 45.46  | 0.048 |
| 60 | 5901 | 5902 | NS | 1 | -34.671 | 16.966 | 0.0 | -34.827 | 17.05  | 0.0 | -26.648 | 21.847 | 0.0   | -23.276 | 22.812 | 0.026 | 0.084 | 202.219 | 5.69  | 0.084 | 209.619 | 5.942 | 0.083 | 31.933 | 0.14  | 0.083 | 14.724 | 0.072 |
| 61 | 5901 | 5902 | SN | 1 | -34.885 | 16.745 | 0.0 | -34.923 | 18.668 | 0.0 | -0.7    | 22.297 | 0.006 | -0.287  | 21.751 | 0.0   | 0.084 | 227.848 | 1.416 | 0.083 | 214.328 | 1.142 | 0.083 | 0.154  | 0.0   | 0.083 | 0.147  | 0.0   |
| 62 | 5901 | 5902 | SN | 1 | -34.885 | 16.745 | 0.0 | -34.923 | 18.668 | 0.0 | -0.7    | 22.297 | 0.008 | -0.287  | 21.751 | 0.0   | 0.084 | 227.848 | 1.471 | 0.083 | 214.328 | 1.225 | 0.083 | 0.154  | 0.0   | 0.083 | 0.147  | 0.0   |
| 63 | 5901 | 5902 | SN | 1 | -34.885 | 14.913 | 0.0 | -34.923 | 15.593 | 0.0 | -0.7    | 22.297 | 0.008 | -0.287  | 21.264 | 0.0   | 0.084 | 227.848 | 1.578 | 0.084 | 214.328 | 1.315 | 0.083 | 0.154  | 0.0   | 0.083 | 0.147  | 0.0   |
| 64 | 5901 | 5902 | NS | 1 | -34.671 | 16.966 | 0.0 | -34.827 | 17.05  | 0.0 | -26.648 | 21.847 | 0.0   | -23.276 | 22.812 | 0.026 | 0.084 | 202.219 | 5.69  | 0.084 | 209.619 | 5.942 | 0.083 | 31.933 | 0.14  | 0.083 | 14.724 | 0.072 |
| 65 | 5902 | 5903 | SN | 1 | -34.82  | 15.743 | 0.0 | -34.62  | 17.365 | 0.0 | 0.653   | 21.791 | 0.0   | 2.298   | 22.673 | 0.444 | 0.084 | 217.487 | 2.775 | 0.084 | 199.822 | 2.289 | 0.083 | 0.134  | 0.0   | 0.083 | 0.117  | 0.0   |
| 66 | 5902 | 5903 | NS | 1 | -34.683 | 16.934 | 0.0 | -34.951 | 17.198 | 0.0 | -13.542 | 22.327 | 0.003 | -19.565 | 22.549 | 0.021 | 0.084 | 202.817 | 1.926 | 0.084 | 215.682 | 2.153 | 0.083 | 1.623  | 0.001 | 0.083 | 6.302  | 0.001 |
| 67 | 5902 | 5903 | SN | 1 | -34.82  | 16.391 | 0.0 | -34.62  | 18.416 | 0.0 | 0.653   | 21.791 | 0.0   | 2.298   | 22.673 | 0.355 | 0.084 | 217.487 | 2.62  | 0.083 | 199.822 | 2.14  | 0.083 | 0.134  | 0.0   | 0.083 | 0.117  | 0.0   |
| 68 | 5902 | 5903 | SN | 1 | -34.826 | 16.391 | 0.0 | -34.521 | 18.416 | 0.0 | 0.653   | 21.79  | 0.0   | 2.298   | 22.672 | 0.188 | 0.084 | 224.851 | 2.438 | 0.083 | 195.333 | 2.034 | 0.083 | 0.134  | 0.0   | 0.083 | 0.117  | 0.0   |
| 69 | 5902 | 5903 | NS | 1 | -34.683 | 16.934 | 0.0 | -34.951 | 17.198 | 0.0 | -13.542 | 22.327 | 0.003 | -19.565 | 22.549 | 0.021 | 0.084 | 202.817 | 1.92  | 0.084 | 215.682 | 2.147 | 0.083 | 1.623  | 0.001 | 0.083 | 6.302  | 0.001 |

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

- Normal
- Deviations
- Alarming
- High Errors

|    |      |      |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |       |       |       |       |        |       |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|--------|-------|
| 70 | 5903 | 5904 | SN | 1 | -33.998 | 16.753 | 0.0 | -34.971 | 18.32  | 0.0 | 0.274   | 21.459 | 0.0   | 2.505   | 22.446 | 0.215 | 0.084 | 173.225 | 0.914 | 0.083 | 216.679 | 0.791 | 0.083 | 0.139 | 0.0   | 0.083 | 0.115  | 0.0   |
| 71 | 5903 | 5904 | SN | 1 | -33.998 | 15.127 | 0.0 | -34.971 | 16.778 | 0.0 | 0.274   | 21.459 | 0.0   | 2.505   | 22.446 | 0.31  | 0.084 | 173.225 | 0.96  | 0.084 | 216.679 | 0.848 | 0.083 | 0.139 | 0.0   | 0.083 | 0.115  | 0.0   |
| 72 | 5903 | 5904 | NS | 1 | -34.854 | 17.41  | 0.0 | -34.68  | 17.876 | 0.0 | -15.541 | 21.004 | 0.0   | -23.028 | 22.819 | 0.03  | 0.084 | 210.866 | 3.843 | 0.083 | 202.637 | 3.383 | 0.083 | 2.534 | 0.006 | 0.083 | 13.913 | 0.014 |
| 73 | 5903 | 5904 | NS | 2 | -34.759 | 17.41  | 0.0 | -34.645 | 17.876 | 0.0 | -15.544 | 21.004 | 0.0   | -23.062 | 22.819 | 0.03  | 0.084 | 206.354 | 3.845 | 0.083 | 200.972 | 3.379 | 0.083 | 2.536 | 0.006 | 0.083 | 14.023 | 0.014 |
| 74 | 5903 | 5904 | SN | 1 | -34.973 | 16.753 | 0.0 | -34.971 | 18.32  | 0.0 | 0.274   | 21.459 | 0.0   | 2.505   | 22.446 | 0.103 | 0.084 | 216.787 | 0.879 | 0.083 | 216.679 | 0.768 | 0.083 | 0.139 | 0.0   | 0.083 | 0.115  | 0.0   |
| 75 | 5904 | 5905 | SN | 1 | -34.908 | 17.044 | 0.0 | -34.878 | 18.502 | 0.0 | 0.376   | 22.99  | 0.101 | -0.883  | 23.436 | 0.271 | 0.084 | 213.543 | 2.078 | 0.083 | 212.083 | 1.851 | 0.083 | 0.142 | 0.0   | 0.083 | 0.157  | 0.0   |
| 76 | 5904 | 5905 | NS | 1 | -34.396 | 17.825 | 0.0 | -34.925 | 18.329 | 0.0 | -18.39  | 21.777 | 0.0   | -26.147 | 23.089 | 0.087 | 0.083 | 189.767 | 0.88  | 0.083 | 214.385 | 0.861 | 0.083 | 4.825 | 0.131 | 0.083 | 28.464 | 0.106 |
| 77 | 5904 | 5905 | NS | 2 | -34.396 | 17.825 | 0.0 | -34.925 | 18.329 | 0.0 | -18.39  | 21.777 | 0.0   | -26.147 | 23.089 | 0.087 | 0.083 | 189.767 | 0.88  | 0.083 | 214.385 | 0.861 | 0.083 | 4.825 | 0.131 | 0.083 | 28.464 | 0.106 |
| 78 | 5904 | 5905 | SN | 1 | -34.908 | 16.875 | 0.0 | -34.878 | 17.816 | 0.0 | 0.376   | 22.99  | 0.103 | -0.883  | 23.436 | 0.271 | 0.084 | 213.543 | 2.13  | 0.083 | 212.083 | 1.902 | 0.083 | 0.142 | 0.0   | 0.083 | 0.157  | 0.0   |
| 79 | 5904 | 5905 | SN | 1 | -34.908 | 17.044 | 0.0 | -34.878 | 18.502 | 0.0 | 0.376   | 22.99  | 0.101 | -0.883  | 23.436 | 0.271 | 0.084 | 213.543 | 2.08  | 0.083 | 212.083 | 1.851 | 0.083 | 0.142 | 0.0   | 0.083 | 0.157  | 0.0   |
| 80 | 5905 | 5906 | SN | 1 | -34.987 | 17.078 | 0.0 | -34.748 | 19.021 | 0.0 | -8.859  | 23.204 | 0.144 | -10.332 | 24.941 | 0.912 | 0.084 | 217.483 | 2.982 | 0.083 | 205.855 | 2.335 | 0.083 | 0.667 | 0.0   | 0.083 | 0.905  | 0.0   |
| 81 | 5905 | 5906 | SN | 1 | -34.987 | 17.078 | 0.0 | -34.748 | 19.021 | 0.0 | -8.859  | 23.204 | 0.144 | -10.332 | 24.941 | 0.912 | 0.084 | 217.483 | 2.996 | 0.083 | 205.855 | 2.345 | 0.083 | 0.667 | 0.0   | 0.083 | 0.905  | 0.0   |
| 82 | 5905 | 5906 | SN | 1 | -34.987 | 17.078 | 0.0 | -34.748 | 18.23  | 0.0 | -8.859  | 23.204 | 0.148 | -10.332 | 24.941 | 0.913 | 0.084 | 217.483 | 3.192 | 0.083 | 205.855 | 2.617 | 0.083 | 0.667 | 0.0   | 0.083 | 0.905  | 0.0   |
| 83 | 5905 | 5906 | NS | 1 | -34.793 | 17.771 | 0.0 | -34.628 | 18.603 | 0.0 | 0.981   | 22.73  | 0.021 | 1.584   | 23.191 | 0.409 | 0.083 | 207.962 | 1.31  | 0.083 | 200.191 | 1.095 | 0.083 | 0.13  | 0.0   | 0.083 | 0.123  | 0.0   |
| 84 | 5906 | 5907 | NS | 1 | -34.994 | 18.086 | 0.0 | -34.558 | 18.64  | 0.0 | -0.308  | 22.483 | 0.047 | -2.399  | 24.314 | 1.51  | 0.083 | 217.8   | 4.254 | 0.083 | 196.993 | 4.043 | 0.083 | 0.147 | 0.0   | 0.083 | 0.191  | 0.0   |
| 85 | 5906 | 5907 | SN | 1 | -34.017 | 16.736 | 0.0 | -34.752 | 18.744 | 0.0 | -20.425 | 22.698 | 0.029 | -17.982 | 23.754 | 0.648 | 0.084 | 173.939 | 3.206 | 0.083 | 205.97  | 2.876 | 0.083 | 8.228 | 0.073 | 0.083 | 4.549  | 0.011 |
| 86 | 5906 | 5907 | SN | 2 | -34.738 | 16.736 | 0.0 | -34.722 | 18.744 | 0.0 | -20.434 | 22.698 | 0.029 | -18.024 | 23.753 | 0.648 | 0.084 | 205.345 | 3.204 | 0.083 | 204.604 | 2.878 | 0.083 | 8.245 | 0.073 | 0.083 | 4.591  | 0.011 |
| 87 | 5906 | 5907 | NS | 1 | -34.965 | 18.086 | 0.0 | -33.775 | 18.64  | 0.0 | -0.306  | 22.483 | 0.047 | -2.404  | 24.314 | 1.513 | 0.083 | 216.379 | 4.26  | 0.083 | 164.514 | 4.042 | 0.083 | 0.147 | 0.0   | 0.083 | 0.191  | 0.0   |
| 88 | 5907 | 5908 | SN | 1 | -34.489 | 20.411 | 0.0 | -34.849 | 21.253 | 0.0 | -5.394  | 23.052 | 0.026 | -4.69   | 23.696 | 0.338 | 0.083 | 193.882 | 6.484 | 0.083 | 210.676 | 5.571 | 0.083 | 0.33  | 0.0   | 0.083 | 0.281  | 0.0   |
| 89 | 5907 | 5908 | NS | 1 | -34.75  | 18.219 | 0.0 | -34.781 | 18.55  | 0.0 | -13.168 | 23.403 | 0.218 | -13.807 | 23.983 | 1.684 | 0.083 | 205.924 | 3.585 | 0.083 | 207.374 | 3.617 | 0.083 | 1.495 | 0.003 | 0.083 | 1.721  | 0.003 |
| 90 | 5907 | 5908 | NS | 1 | -34.325 | 18.219 | 0.0 | -34.263 | 18.55  | 0.0 | -13.169 | 23.402 | 0.218 | -13.807 | 23.983 | 1.684 | 0.083 | 186.742 | 3.589 | 0.083 | 184.044 | 3.626 | 0.083 | 1.495 | 0.003 | 0.083 | 1.721  | 0.003 |
| 91 | 5908 | 5909 | NS | 1 | -34.388 | 18.407 | 0.0 | -34.967 | 19.528 | 0.0 | -0.83   | 22.16  | 0.008 | 0.819   | 23.991 | 0.882 | 0.083 | 189.429 | 3.121 | 0.083 | 216.439 | 2.81  | 0.083 | 0.156 | 0.0   | 0.083 | 0.132  | 0.0   |

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

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