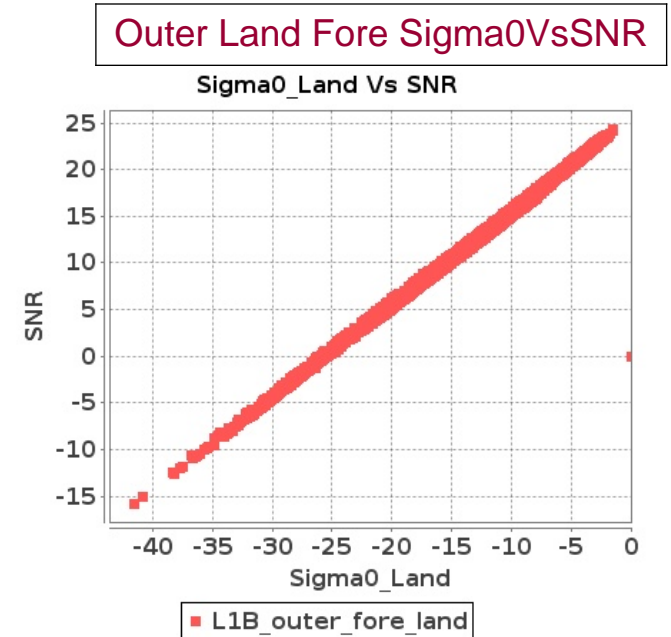
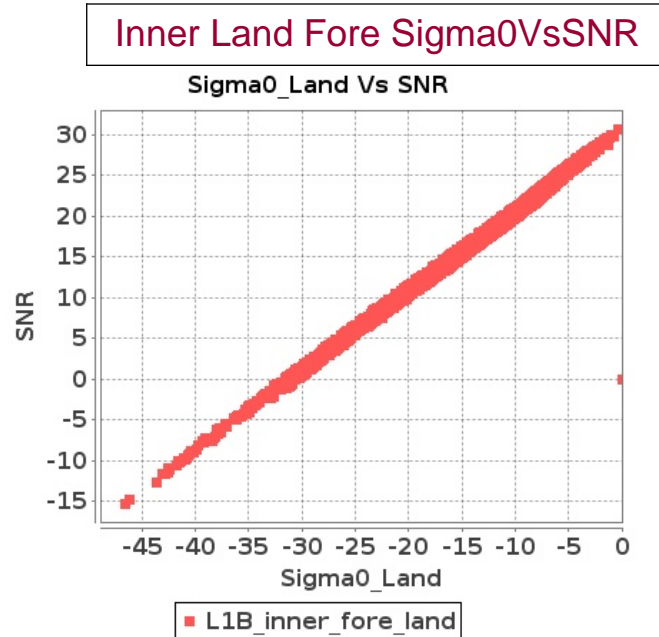
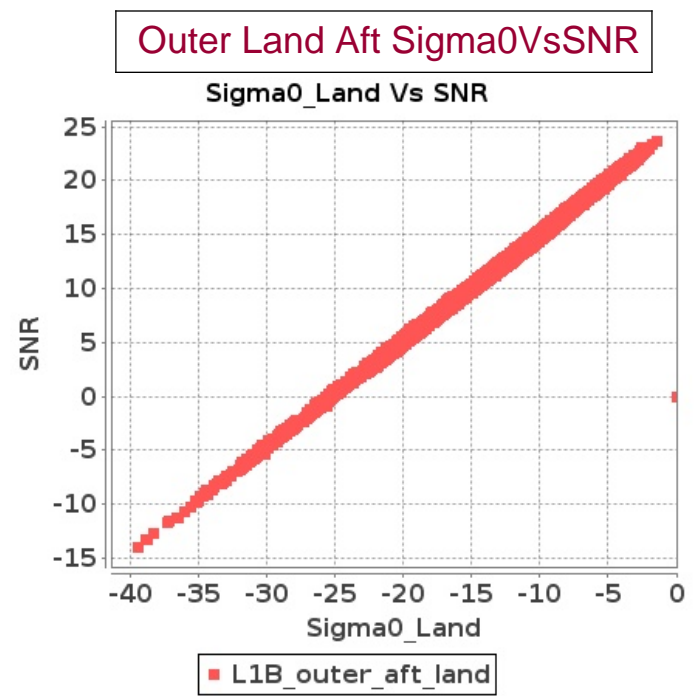
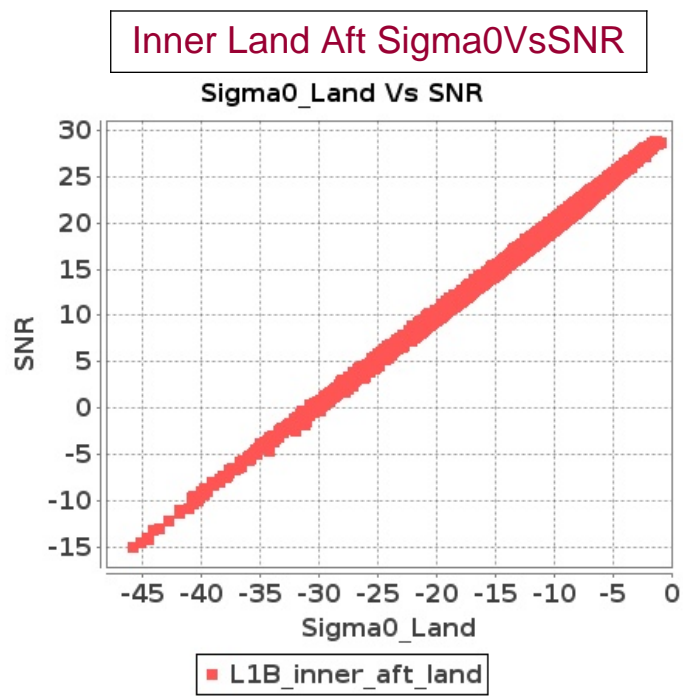
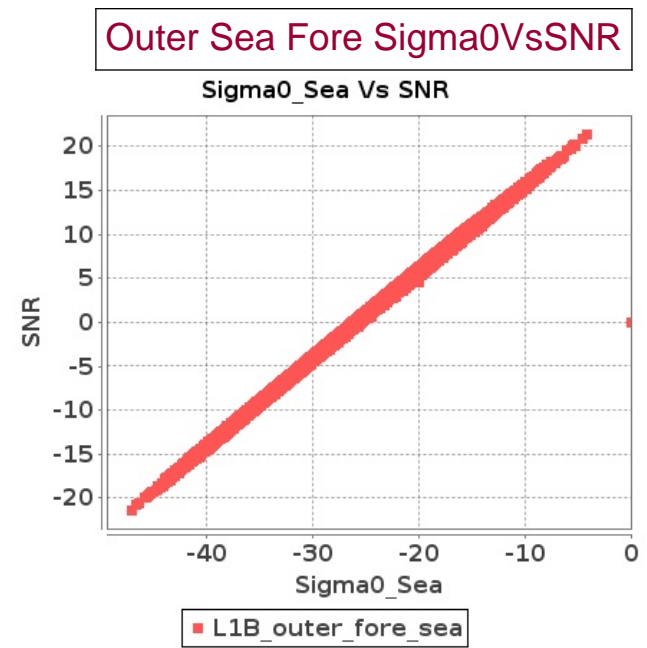
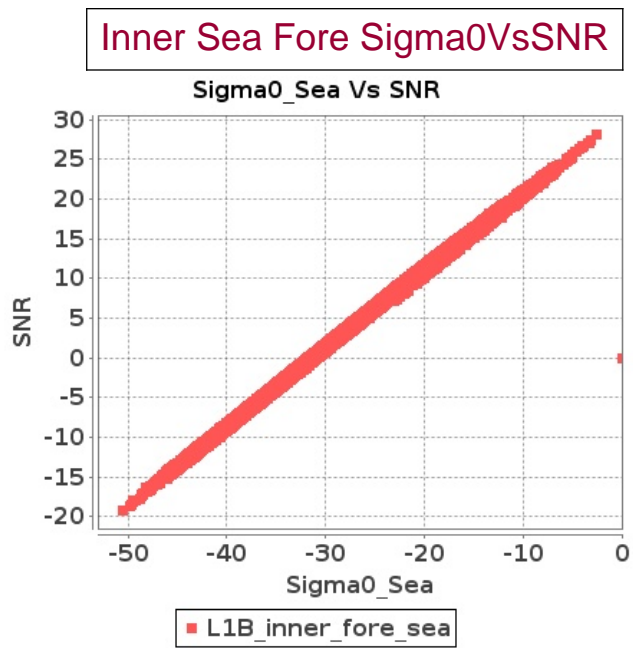
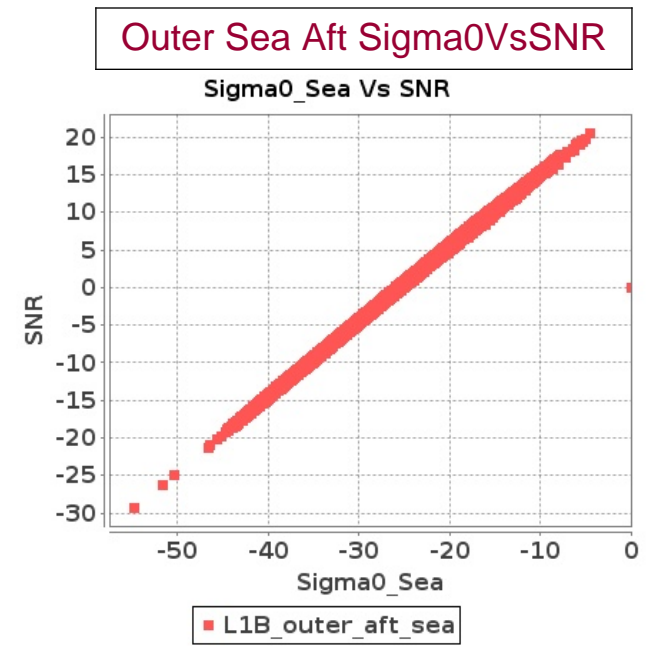
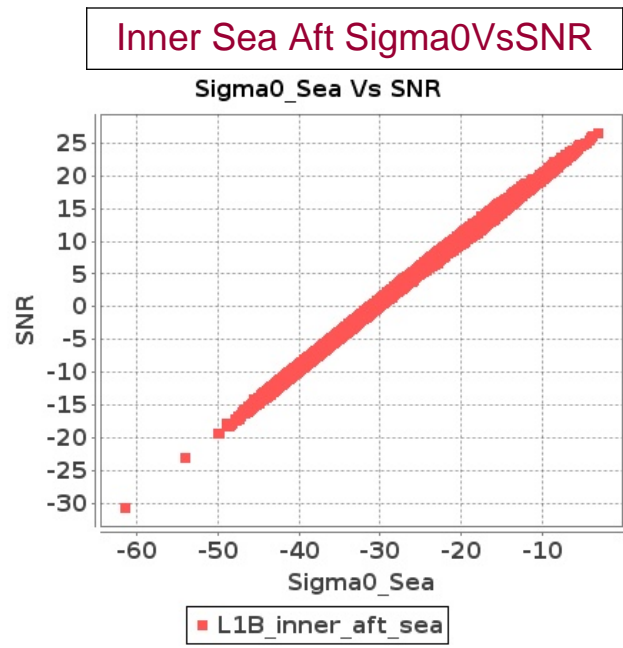
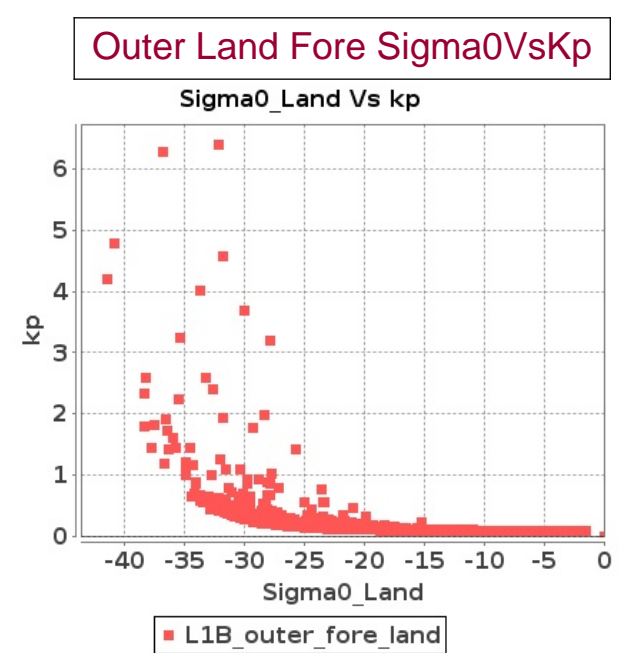
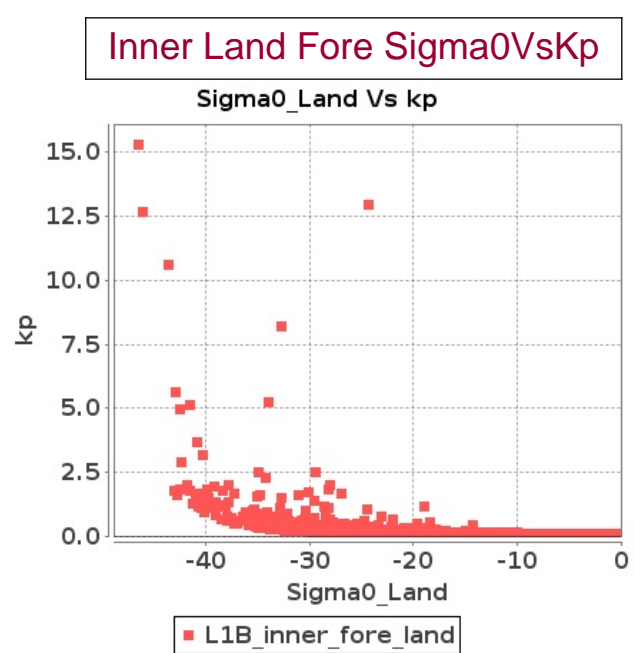
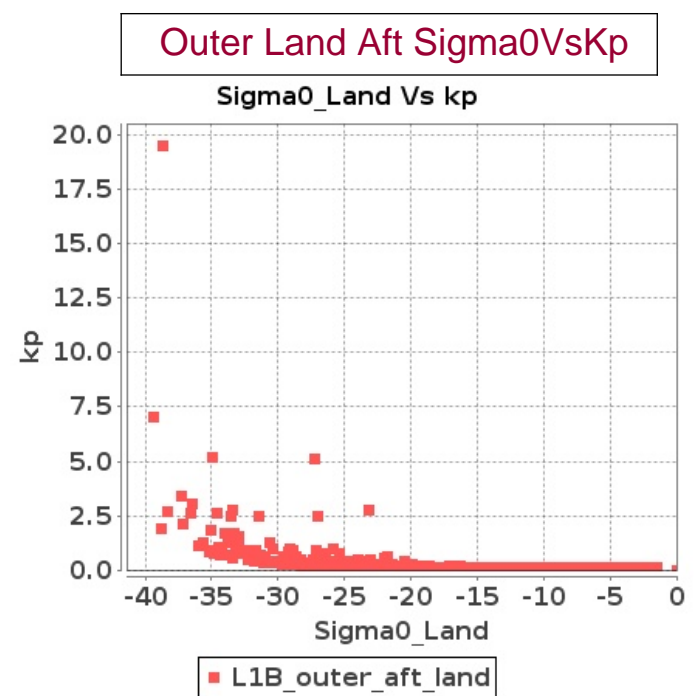
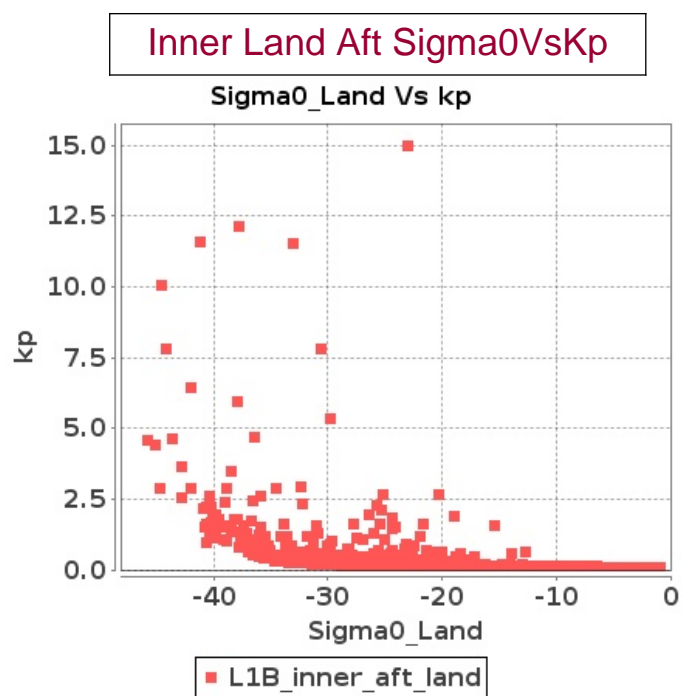
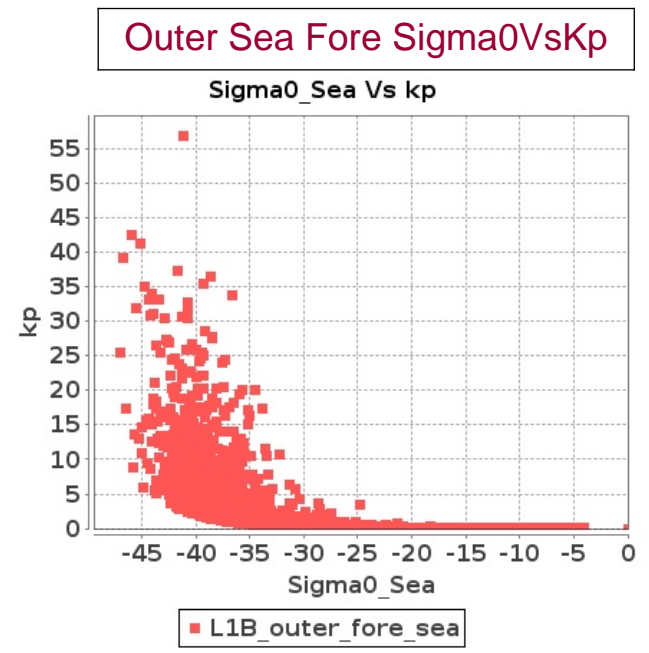
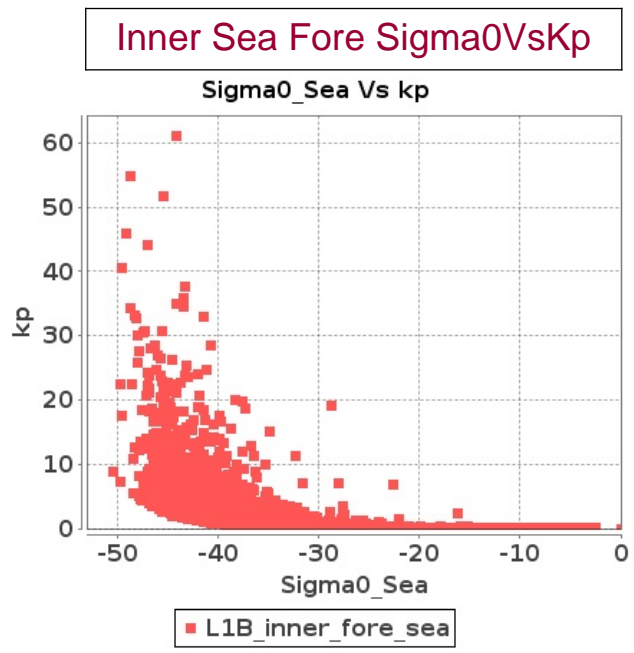
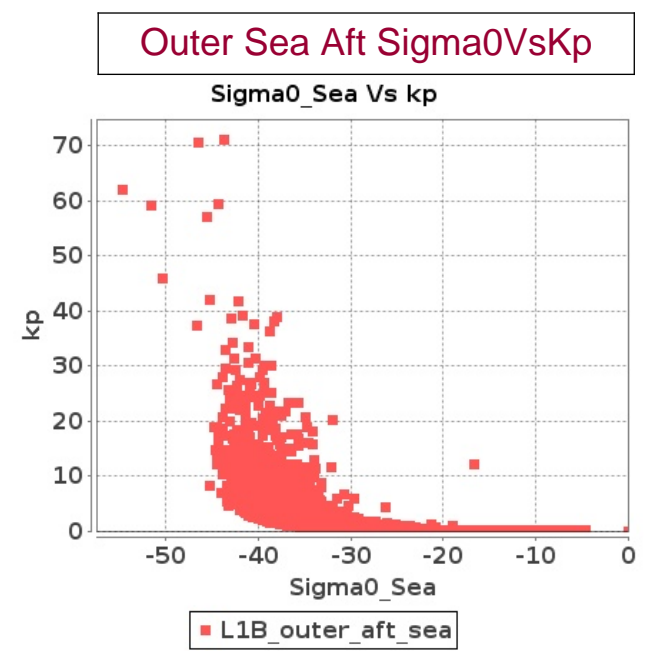
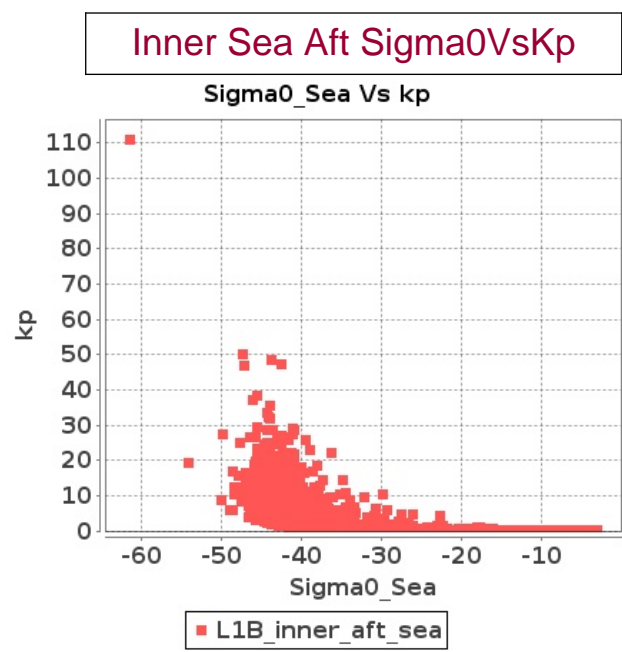


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 17-MAY-2018 To 18-MAY-2018





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

Report between 17-MAY-2018 To 18-MAY-2018

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 8668 | 8669 | SN | 1 | 48.892 | 49.473 | 0.0 | 0.003 | 6.243 | 2.737 | 1054.696 | 1083.352 | 0.0 | -91.776 | -90.066 | 0.0 |
| 2 | 8668 | 8669 | NS | 1 | 48.636 | 49.242 | 0.0 | 0.003 | 264.847 | 2.765 | 1016.416 | 1077.728 | 23.963 | -91.619 | -89.698 | 0.0 |
| 3 | 8668 | 8669 | SN | 1 | 48.892 | 49.473 | 0.0 | 0.003 | 6.243 | 2.455 | 1055.352 | 1083.352 | 0.0 | -91.776 | -90.066 | 0.0 |
| 4 | 8669 | 8670 | NS | 1 | 48.652 | 49.244 | 0.0 | 0.003 | 264.814 | 2.598 | 1016.504 | 1078.032 | 24.516 | -91.598 | -89.707 | 0.0 |
| 5 | 8669 | 8670 | SN | 1 | 48.863 | 49.516 | 0.0 | 0.003 | 6.243 | 2.404 | 1053.912 | 1084.392 | 0.0 | -91.836 | -90.081 | 0.0 |
| 6 | 8676 | 8677 | SN | 1 | 48.887 | 49.476 | 0.0 | 0.0 | 228.602 | 2.561 | 1054.336 | 1083.936 | 0.0 | -92.174 | -90.053 | 0.0 |
| 7 | 8677 | 8678 | NS | 1 | 48.622 | 49.244 | 0.0 | 0.003 | 264.814 | 2.749 | 1016.696 | 1078.36 | 26.913 | -91.296 | -89.697 | 0.0 |
| 8 | 8682 | 8683 | SN | 1 | 48.9 | 49.48 | 0.0 | 0.003 | 6.254 | 2.031 | 1054.984 | 1084.464 | 0.0 | -91.766 | -90.093 | 0.0 |
| 9 | 8682 | 8683 | SN | 2 | 48.9 | 49.48 | 0.0 | 0.0 | 131.803 | 2.121 | 1054.984 | 1084.464 | 0.0 | -91.766 | -90.093 | 0.0 |
| 10 | 8682 | 8683 | SN | 1 | 48.9 | 49.48 | 0.0 | 0.0 | 131.803 | 2.12 | 1054.984 | 1084.464 | 0.0 | -91.766 | -90.093 | 0.0 |
| 11 | 8683 | 8684 | SN | 1 | 48.872 | 49.462 | 0.0 | 0.003 | 215.289 | 1.858 | 1053.512 | 1077.456 | 0.0 | -91.724 | -90.072 | 0.0 |
| 12 | 8683 | 8684 | SN | 1 | 48.872 | 49.462 | 0.0 | 0.003 | 215.289 | 1.614 | 1054.184 | 1077.456 | 0.0 | -91.724 | -90.072 | 0.0 |
| 13 | 8684 | 8685 | NS | 1 | 48.653 | 49.25 | 0.0 | 0.0 | 266.843 | 2.674 | 1017.032 | 1079.224 | 25.514 | -91.888 | -89.679 | 0.0 |
| 14 | 8684 | 8685 | SN | 1 | 48.871 | 49.491 | 0.0 | 0.003 | 29.172 | 2.49 | 1053.352 | 1084.6 | 0.0 | -91.729 | -90.07 | 0.0 |
| 15 | 8684 | 8685 | NS | 1 | 48.638 | 49.25 | 0.0 | 0.0 | 266.843 | 2.677 | 1016.648 | 1079.224 | 25.542 | -92.125 | -89.679 | 0.0 |
| 16 | 8684 | 8685 | SN | 1 | 48.871 | 49.491 | 0.0 | 0.003 | 29.172 | 2.356 | 1054.248 | 1084.6 | 0.0 | -91.729 | -90.08 | 0.0 |
| 17 | 8685 | 8686 | SN | 1 | 48.873 | 49.518 | 0.0 | 0.003 | 278.8 | 2.305 | 1054.352 | 1084.544 | 0.0 | -91.858 | -90.085 | 0.0 |
| 18 | 8685 | 8686 | SN | 1 | 48.873 | 49.518 | 0.0 | 0.003 | 278.8 | 2.51 | 1053.272 | 1084.544 | 0.0 | -91.858 | -90.068 | 0.0 |
| 19 | 8685 | 8686 | NS | 1 | 48.631 | 49.292 | 0.0 | 0.003 | 267.67 | 2.599 | 1016.44 | 1079.256 | 25.266 | -91.699 | -89.707 | 0.0 |
| 20 | 8686 | 8687 | SN | 1 | 48.867 | 49.502 | 0.0 | 0.008 | 6.248 | 2.158 | 1054.232 | 1084.456 | 0.0 | -91.855 | -90.093 | 0.0 |
| 21 | 8686 | 8687 | NS | 1 | 48.655 | 49.249 | 0.0 | 0.0 | 51.405 | 2.785 | 1017.416 | 1079.192 | 26.215 | -91.524 | -89.677 | 0.0 |
| 22 | 8686 | 8687 | SN | 1 | 48.867 | 49.502 | 0.0 | 0.008 | 6.248 | 2.499 | 1053.248 | 1084.456 | 0.0 | -91.855 | -90.07 | 0.0 |
| 23 | 8687 | 8688 | SN | 1 | 48.873 | 49.477 | 0.0 | 0.003 | 29.839 | 1.973 | 1054.424 | 1084.456 | 0.0 | -91.648 | -90.098 | 0.0 |
| 24 | 8687 | 8688 | NS | 1 | 48.596 | 49.279 | 0.0 | 0.0 | 137.754 | 2.782 | 1017.368 | 1079.184 | 26.544 | -91.647 | -89.697 | 0.0 |
| 25 | 8687 | 8688 | SN | 1 | 48.873 | 49.477 | 0.0 | 0.003 | 29.839 | 2.54 | 1053.248 | 1084.456 | 0.0 | -91.648 | -90.072 | 0.0 |
| 26 | 8688 | 8689 | SN | 1 | 48.888 | 49.478 | 0.0 | 0.003 | 277.421 | 2.25 | 1054.248 | 1084.512 | 0.0 | -91.754 | -90.091 | 0.0 |
| 27 | 8688 | 8689 | NS | 1 | 48.618 | 49.28 | 0.0 | 0.003 | 15.072 | 2.619 | 1017.24 | 1079.096 | 26.298 | -91.453 | -89.707 | 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 | 8668 | 8669 | SN | 1 | -33.873 | 27.161 | 1.426 | -34.204 | 26.496 | 2.369 | -29.052 | 35.554 | 15.323 | -27.326 | 30.402 | 20.046 | 0.116 | 236.429 | 2.412 | 0.116 | 255.16 | 2.005 | 0.116 | 77.978 | 0.133 | 0.116 | 52.43 | 0.098 |
| 2 | 8668 | 8669 | NS | 1 | -34.376 | 28.547 | 0.319 | -34.42 | 29.22 | 0.084 | 1.42 | 33.267 | 21.902 | -1.805 | 35.444 | 34.098 | 0.116 | 265.45 | 4.238 | 0.116 | 268.232 | 3.967 | 0.116 | 0.175 | 0.0 | 0.116 | 0.247 | 0.0 |
| 3 | 8668 | 8669 | SN | 1 | -33.873 | 27.161 | 0.822 | -34.204 | 26.496 | 2.481 | -29.052 | 35.554 | 15.319 | -27.326 | 30.402 | 20.046 | 0.116 | 236.429 | 2.547 | 0.116 | 255.16 | 2.111 | 0.116 | 77.978 | 0.133 | 0.116 | 52.43 | 0.098 |
| 4 | 8669 | 8670 | NS | 1 | -34.891 | 28.035 | 0.04 | -34.767 | 28.132 | 0.035 | -22.424 | 31.864 | 14.484 | -1.954 | 32.422 | 27.093 | 0.116 | 298.88 | 3.805 | 0.116 | 290.531 | 3.635 | 0.116 | 17.016 | 0.003 | 0.116 | 0.252 | 0.0 |
| 5 | 8669 | 8670 | SN | 1 | -34.612 | 25.22 | 0.557 | -34.963 | 25.504 | 0.882 | 5.879 | 30.136 | 10.475 | 5.613 | 29.874 | 6.185 | 0.116 | 280.382 | 6.366 | 0.116 | 303.914 | 5.13 | 0.116 | 0.136 | 0.0 | 0.116 | 0.137 | 0.0 |
| 6 | 8676 | 8677 | SN | 1 | -34.301 | 27.104 | 0.102 | -34.637 | 28.326 | 0.159 | -9.146 | 29.69 | 17.109 | -1.932 | 30.755 | 15.963 | 0.116 | 260.951 | 2.39 | 0.116 | 281.969 | 1.634 | 0.116 | 0.888 | 0.0 | 0.116 | 0.251 | 0.0 |
| 7 | 8677 | 8678 | NS | 1 | -33.437 | 27.896 | 0.084 | -34.473 | 26.555 | 0.083 | -28.673 | 35.128 | 14.914 | -26.498 | 32.58 | 25.728 | 0.116 | 213.867 | 3.013 | 0.116 | 271.495 | 3.162 | 0.116 | 71.473 | 0.1 | 0.116 | 43.35 | 0.069 |
| 8 | 8682 | 8683 | SN | 1 | -34.207 | 26.647 | 0.6 | -34.878 | 26.114 | 2.153 | -31.244 | 28.655 | 13.844 | -33.243 | 31.892 | 19.942 | 0.116 | 255.351 | 1.399 | 0.116 | 298.074 | 1.109 | 0.116 | 129.14 | 0.092 | 0.116 | 204.551 | 0.089 |
| 9 | 8682 | 8683 | SN | 2 | -34.207 | 26.647 | 0.6 | -34.878 | 26.114 | 2.149 | -31.244 | 28.655 | 13.86 | -33.243 | 31.892 | 19.942 | 0.116 | 255.351 | 1.398 | 0.116 | 298.074 | 1.104 | 0.116 | 129.14 | 0.092 | 0.116 | 204.551 | 0.089 |
| 10 | 8682 | 8683 | SN | 1 | -34.207 | 26.647 | 0.6 | -34.878 | 26.114 | 2.145 | -31.244 | 28.655 | 13.86 | -33.243 | 31.892 | 19.942 | 0.116 | 255.351 | 1.398 | 0.116 | 298.074 | 1.104 | 0.116 | 129.14 | 0.092 | 0.116 | 204.551 | 0.089 |
| 11 | 8683 | 8684 | SN | 1 | -34.871 | 24.703 | 1.105 | -34.66 | 24.571 | 1.746 | 1.082 | 32.452 | 1.69 | 4.842 | 29.239 | 4.095 | 0.116 | 297.474 | 5.634 | 0.116 | 283.439 | 4.837 | 0.116 | 0.18 | 0.0 | 0.116 | 0.142 | 0.0 |
| 12 | 8683 | 8684 | SN | 1 | -34.871 | 24.703 | 1.133 | -34.66 | 24.571 | 1.809 | 1.082 | 32.452 | 1.69 | 4.842 | 29.239 | 4.106 | 0.116 | 297.474 | 5.842 | 0.116 | 283.439 | 5.009 | 0.116 | 0.18 | 0.0 | 0.116 | 0.142 | 0.0 |
| 13 | 8684 | 8685 | NS | 1 | -34.82 | 26.341 | 0.019 | -34.826 | 25.482 | 0.017 | -7.897 | 30.318 | 11.933 | -10.923 | 30.092 | 21.933 | 0.116 | 294.078 | 2.871 | 0.116 | 294.463 | 3.035 | 0.116 | 0.69 | 0.0 | 0.116 | 1.29 | 0.002 |
| 14 | 8684 | 8685 | SN | 1 | -34.841 | 25.27 | 0.106 | -33.953 | 25.238 | 0.187 | 5.229 | 30.618 | 12.844 | 5.351 | 29.528 | 6.646 | 0.116 | 295.552 | 3.634 | 0.116 | 240.852 | 2.991 | 0.116 | 0.139 | 0.0 | 0.116 | 0.139 | 0.0 |
| 15 | 8684 | 8685 | NS | 1 | -34.639 | 26.341 | 0.019 | -34.834 | 25.482 | 0.017 | -7.888 | 30.318 | 11.953 | -10.925 | 30.092 | 21.973 | 0.116 | 282.042 | 2.877 | 0.116 | 310.221 | 3.032 | 0.116 | 0.689 | 0.0 | 0.116 | 1.29 | 0.002 |
| 16 | 8684 | 8685 | SN | 1 | -34.841 | 25.27 | 0.108 | -33.956 | 25.238 | 0.19 | 5.228 | 30.618 | 12.844 | 5.351 | 29.528 | 6.646 | 0.116 | 295.552 | 3.694 | 0.116 | 241.083 | 3.035 | 0.116 | 0.139 | 0.0 | 0.116 | 0.139 | 0.0 |
| 17 | 8685 | 8686 | SN | 1 | -34.84 | 23.403 | 0.035 | -34.945 | 23.971 | 0.093 | 5.229 | 28.153 | 14.037 | 5.933 | 28.643 | 5.356 | 0.116 | 295.402 | 3.36 | 0.116 | 302.612 | 2.804 | 0.116 | 0.139 | 0.0 | 0.116 | 0.136 | 0.0 |
| 18 | 8685 | 8686 | SN | 1 | -34.821 | 23.403 | 0.034 | -34.945 | 23.971 | 0.092 | 5.228 | 28.153 | 13.998 | 5.938 | 28.643 | 5.404 | 0.116 | 294.195 | 3.302 | 0.116 | 302.612 | 2.761 | 0.116 | 0.139 | 0.0 | 0.116 | 0.136 | 0.0 |
| 19 | 8685 | 8686 | NS | 1 | -34.588 | 24.76 | 0.007 | -34.998 | 25.71 | 0.018 | -5.704 | 30.454 | 11.73 | -22.485 | 30.453 | 22.191 | 0.116 | 278.795 | 2.63 | 0.116 | 306.283 | 2.198 | 0.116 | 0.455 | 0.0 | 0.116 | 17.262 | 0.002 |
| 20 | 8686 | 8687 | SN | 1 | -34.686 | 23.779 | 0.098 | -34.472 | 24.37 | 0.141 | 4.894 | 28.592 | 18.916 | 4.538 | 29.058 | 19.976 | 0.116 | 285.216 | 2.589 | 0.116 | 271.377 | 2.092 | 0.116 | 0.141 | 0.0 | 0.116 | 0.144 | 0.0 |
| 21 | 8686 | 8687 | NS | 1 | -34.77 | 23.638 | 0.024 | -34.946 | 24.556 | 0.036 | -24.19 | 28.723 | 8.378 | -14.299 | 30.402 | 15.21 | 0.116 | 290.761 | 2.34 | 0.116 | 302.751 | 2.683 | 0.116 | 25.519 | 0.004 | 0.116 | 2.697 | 0.002 |
| 22 | 8686 | 8687 | SN | 1 | -34.807 | 23.779 | 0.095 | -34.472 | 24.37 | 0.139 | 4.894 | 28.592 | 18.782 | 4.533 | 29.058 | 19.258 | 0.116 | 293.154 | 2.519 | 0.116 | 271.377 | 2.047 | 0.116 | 0.141 | 0.0 | 0.116 | 0.144 | 0.0 |
| 23 | 8687 | 8688 | SN | 1 | -34.051 | 23.669 | 0.002 | -34.649 | 24.579 | 0.003 | 3.961 | 28.717 | 17.706 | 5.251 | 29.641 | 19.773 | 0.116 | 246.39 | 1.934 | 0.116 | 282.753 | 2.109 | 0.116 | 0.148 | 0.0 | 0.116 | 0.139 | 0.0 |
| 24 | 8687 | 8688 | NS | 1 | -34.691 | 25.198 | 0.037 | -34.555 | 23.668 | 0.054 | -28.236 | 28.112 | 9.773 | -17.024 | 30.408 | 15.941 | 0.116 | 285.48 | 2.29 | 0.116 | 276.688 | 1.899 | 0.116 | 64.64 | 0.06 | 0.116 | 4.974 | 0.03 |
| 25 | 8687 | 8688 | SN | 1 | -34.64 | 23.669 | 0.002 | -34.871 | 24.579 | 0.003 | 3.982 | 28.717 | 16.988 | 5.254 | 29.641 | 19.364 | 0.116 | 282.144 | 1.872 | 0.116 | 297.508 | 2.027 | 0.116 | 0.148 | 0.0 | 0.116 | 0.139 | 0.0 |
| 26 | 8688 | 8689 | SN | 1 | -34.821 | 23.314 | 0.002 | -34.9 | 24.822 | 0.004 | -31.398 | 29.016 | 12.756 | -6.347 | 32.968 | 12.754 | 0.116 | 294.198 | 5.296 | 0.116 | 299.518 | 4.817 | 0.116 | 133.767 | 0.003 | 0.116 | 0.512 | 0.0 |
| 27 | 8688 | 8689 | NS | 1 | -34.875 | 26.541 | 0.352 | -34.213 | 26.886 | 0.646 | -3.999 | 29.457 | 12.191 | -4.32 | 29.847 | 17.534 | 0.116 | 297.79 | 2.663 | 0.116 | 255.715 | 2.228 | 0.116 | 0.34 | 0.0 | 0.116 | 0.359 | 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 | 8668 | 8669 | SN | 1 | 57.72 | 58.344 | 0.0 | 0.0 | 298.433 | 3.832 | 1236.84 | 1273.904 | 0.0 | -93.142 | -92.121 | 0.0 |
| 2 | 8668 | 8669 | NS | 1 | 57.371 | 58.082 | 0.0 | 0.0 | 290.9 | 3.774 | 1190.744 | 1265.824 | 36.925 | -93.575 | -91.75 | 0.0 |
| 3 | 8668 | 8669 | SN | 1 | 57.721 | 58.344 | 0.0 | 0.0 | 295.549 | 3.498 | 1237.36 | 1273.904 | 0.0 | -93.142 | -92.121 | 0.0 |
| 4 | 8669 | 8670 | NS | 1 | 57.399 | 58.086 | 0.0 | 0.0 | 297.694 | 3.522 | 1191.272 | 1266.2 | 39.406 | -93.575 | -91.753 | 0.0 |
| 5 | 8669 | 8670 | SN | 1 | 57.72 | 58.37 | 0.0 | 0.0 | 297.446 | 3.304 | 1236.712 | 1274.76 | 0.0 | -93.153 | -92.134 | 0.0 |
| 6 | 8676 | 8677 | SN | 1 | 57.73 | 58.344 | 0.0 | 0.0 | 298.218 | 3.561 | 1236.4 | 1274.616 | 0.0 | -93.141 | -92.102 | 0.0 |
| 7 | 8677 | 8678 | NS | 1 | 57.375 | 58.089 | 0.0 | 0.0 | 290.243 | 3.781 | 1190.832 | 1266.616 | 42.549 | -93.57 | -91.749 | 0.0 |
| 8 | 8682 | 8683 | SN | 1 | 57.709 | 58.349 | 0.0 | 0.0 | 298.687 | 3.197 | 1236.872 | 1275.256 | 0.0 | -93.078 | -92.145 | 0.0 |
| 9 | 8682 | 8683 | SN | 2 | 57.709 | 58.349 | 0.0 | 0.0 | 298.687 | 3.286 | 1236.872 | 1275.256 | 0.0 | -93.078 | -92.145 | 0.0 |
| 10 | 8682 | 8683 | SN | 1 | 57.709 | 58.349 | 0.0 | 0.0 | 298.687 | 3.286 | 1236.872 | 1275.256 | 0.0 | -93.078 | -92.145 | 0.0 |
| 11 | 8683 | 8684 | SN | 1 | 57.718 | 58.393 | 0.0 | 0.0 | 274.388 | 2.466 | 1235.376 | 1268.88 | 0.0 | -93.412 | -92.125 | 0.0 |
| 12 | 8683 | 8684 | SN | 1 | 57.718 | 58.393 | 0.0 | 0.003 | 274.388 | 2.035 | 1236.024 | 1268.88 | 0.0 | -93.412 | -92.129 | 0.0 |
| 13 | 8684 | 8685 | NS | 1 | 57.388 | 58.096 | 0.0 | 0.0 | 298.02 | 3.64 | 1190.784 | 1267.664 | 40.224 | -93.563 | -91.736 | 0.0 |
| 14 | 8684 | 8685 | SN | 1 | 57.692 | 58.375 | 0.0 | 0.0 | 298.891 | 3.503 | 1235.16 | 1275.416 | 0.0 | -93.139 | -92.124 | 0.0 |
| 15 | 8684 | 8685 | NS | 1 | 57.385 | 58.096 | 0.0 | 0.0 | 298.02 | 3.644 | 1190.824 | 1267.664 | 40.227 | -93.563 | -91.736 | 0.0 |
| 16 | 8684 | 8685 | SN | 1 | 57.692 | 58.375 | 0.0 | 0.0 | 298.714 | 3.242 | 1236.304 | 1275.416 | 0.0 | -93.139 | -92.134 | 0.0 |
| 17 | 8685 | 8686 | SN | 1 | 57.699 | 58.359 | 0.0 | 0.0 | 296.26 | 3.226 | 1236.216 | 1275.512 | 0.0 | -93.168 | -92.139 | 0.0 |
| 18 | 8685 | 8686 | SN | 1 | 57.706 | 58.359 | 0.0 | 0.0 | 296.26 | 3.504 | 1235.136 | 1275.512 | 0.0 | -93.168 | -92.123 | 0.0 |
| 19 | 8685 | 8686 | NS | 1 | 57.369 | 58.097 | 0.0 | 0.0 | 292.835 | 3.608 | 1191.304 | 1267.712 | 39.898 | -93.561 | -91.762 | 0.0 |
| 20 | 8686 | 8687 | SN | 1 | 57.703 | 58.357 | 0.0 | 0.0 | 290.111 | 3.187 | 1236.184 | 1275.224 | 0.0 | -93.173 | -92.145 | 0.0 |
| 21 | 8686 | 8687 | NS | 1 | 57.372 | 58.095 | 0.0 | 0.0 | 297.711 | 3.826 | 1191.584 | 1267.624 | 39.796 | -93.051 | -91.727 | 0.0 |
| 22 | 8686 | 8687 | SN | 1 | 57.703 | 58.357 | 0.0 | 0.0 | 290.111 | 3.535 | 1235.056 | 1275.224 | 0.0 | -93.173 | -92.124 | 0.0 |
| 23 | 8687 | 8688 | SN | 1 | 57.696 | 58.347 | 0.0 | 0.0 | 299.498 | 3.001 | 1236.232 | 1275.232 | 0.0 | -93.296 | -92.156 | 0.0 |
| 24 | 8687 | 8688 | NS | 1 | 57.38 | 58.092 | 0.0 | 0.0 | 292.929 | 3.808 | 1191.336 | 1267.536 | 40.771 | -93.56 | -91.747 | 0.0 |
| 25 | 8687 | 8688 | SN | 1 | 57.696 | 58.347 | 0.0 | 0.0 | 299.498 | 3.493 | 1235.0 | 1275.232 | 0.0 | -93.296 | -92.124 | 0.0 |
| 26 | 8688 | 8689 | SN | 1 | 57.707 | 58.352 | 0.0 | 0.0 | 298.356 | 3.291 | 1236.272 | 1275.296 | 0.0 | -93.154 | -92.145 | 0.0 |
| 27 | 8688 | 8689 | NS | 1 | 57.373 | 58.093 | 0.0 | 0.0 | 295.819 | 3.648 | 1191.328 | 1267.496 | 41.678 | -93.262 | -91.76 | 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 | 8668 | 8669 | SN | 1 | -34.566 | 21.095 | 0.0 | -34.417 | 20.118 | 0.0 | -19.034 | 23.321 | 0.066 | -27.232 | 23.492 | 0.135 | 0.086 | 211.975 | 2.377 | 0.086 | 204.852 | 2.139 | 0.086 | 5.994 | 0.057 | 0.086 | 39.21 | 0.042 |
| 2 | 8668 | 8669 | NS | 1 | -34.963 | 22.228 | 0.001 | -34.905 | 21.555 | 0.0 | 1.693 | 23.096 | 0.097 | 1.518 | 23.97 | 0.42 | 0.086 | 232.289 | 3.544 | 0.086 | 229.209 | 3.498 | 0.086 | 0.127 | 0.0 | 0.086 | 0.129 | 0.0 |
| 3 | 8668 | 8669 | SN | 1 | -34.566 | 21.095 | 0.0 | -34.417 | 20.118 | 0.0 | -19.034 | 23.321 | 0.066 | -27.232 | 23.492 | 0.135 | 0.086 | 211.975 | 2.477 | 0.086 | 204.852 | 2.246 | 0.086 | 5.994 | 0.057 | 0.086 | 39.21 | 0.042 |
| 4 | 8669 | 8670 | NS | 1 | -34.656 | 21.177 | 0.0 | -34.345 | 22.065 | 0.001 | -8.287 | 23.281 | 0.082 | -6.497 | 23.936 | 0.219 | 0.086 | 216.451 | 3.246 | 0.086 | 201.464 | 3.395 | 0.086 | 0.566 | 0.0 | 0.086 | 0.398 | 0.0 |
| 5 | 8669 | 8670 | SN | 1 | -34.923 | 19.697 | 0.0 | -34.919 | 19.839 | 0.0 | 0.146 | 22.927 | 0.045 | 1.281 | 23.541 | 0.129 | 0.086 | 230.186 | 4.92 | 0.086 | 229.884 | 4.289 | 0.086 | 0.147 | 0.0 | 0.086 | 0.132 | 0.0 |
| 6 | 8676 | 8677 | SN | 1 | -34.939 | 20.32 | 0.0 | -33.848 | 20.515 | 0.0 | -21.164 | 23.702 | 0.31 | -9.651 | 23.888 | 0.402 | 0.086 | 230.972 | 2.344 | 0.086 | 179.721 | 1.836 | 0.086 | 9.747 | 0.028 | 0.086 | 0.749 | 0.0 |
| 7 | 8677 | 8678 | NS | 1 | -34.846 | 22.364 | 0.003 | -34.488 | 19.571 | 0.0 | -25.005 | 22.918 | 0.047 | -16.942 | 24.285 | 1.885 | 0.086 | 226.081 | 3.259 | 0.086 | 208.281 | 3.612 | 0.086 | 23.514 | 0.029 | 0.086 | 3.727 | 0.011 |
| 8 | 8682 | 8683 | SN | 1 | -34.752 | 19.706 | 0.0 | -33.017 | 20.462 | 0.0 | -33.791 | 22.636 | 0.026 | -23.57 | 22.726 | 0.023 | 0.086 | 221.209 | 1.974 | 0.086 | 148.408 | 1.638 | 0.086 | 177.363 | 0.07 | 0.086 | 16.913 | 0.118 |
| 9 | 8682 | 8683 | SN | 2 | -34.752 | 19.706 | 0.0 | -33.017 | 20.462 | 0.0 | -33.87 | 22.636 | 0.026 | -23.57 | 22.726 | 0.023 | 0.086 | 221.209 | 1.973 | 0.086 | 148.408 | 1.631 | 0.086 | 180.601 | 0.07 | 0.086 | 16.913 | 0.118 |
| 10 | 8682 | 8683 | SN | 1 | -34.752 | 19.706 | 0.0 | -33.017 | 20.462 | 0.0 | -33.87 | 22.636 | 0.026 | -23.57 | 22.726 | 0.023 | 0.086 | 221.209 | 1.974 | 0.086 | 148.408 | 1.631 | 0.086 | 180.601 | 0.07 | 0.086 | 16.913 | 0.118 |
| 11 | 8683 | 8684 | SN | 1 | -34.369 | 18.043 | 0.0 | -34.996 | 18.396 | 0.0 | -31.848 | 20.953 | 0.0 | -24.317 | 21.855 | 0.0 | 0.086 | 202.644 | 4.611 | 0.086 | 234.064 | 3.418 | 0.086 | 113.404 | 0.043 | 0.086 | 20.076 | 0.04 |
| 12 | 8683 | 8684 | SN | 1 | -34.035 | 18.043 | 0.0 | -34.996 | 18.396 | 0.0 | -31.848 | 20.953 | 0.0 | -23.571 | 21.855 | 0.0 | 0.086 | 187.616 | 4.794 | 0.086 | 234.064 | 3.555 | 0.086 | 113.404 | 0.043 | 0.086 | 16.917 | 0.04 |
| 13 | 8684 | 8685 | NS | 1 | -34.69 | 16.662 | 0.0 | -34.959 | 18.315 | 0.0 | -8.575 | 23.091 | 0.051 | -17.17 | 23.634 | 0.236 | 0.087 | 218.096 | 2.483 | 0.086 | 232.089 | 2.836 | 0.086 | 0.6 | 0.0 | 0.086 | 3.924 | 0.029 |
| 14 | 8684 | 8685 | SN | 1 | -34.809 | 17.898 | 0.0 | -34.827 | 19.028 | 0.0 | -0.031 | 23.363 | 0.133 | 1.244 | 23.246 | 0.376 | 0.086 | 224.186 | 2.98 | 0.086 | 225.136 | 2.546 | 0.086 | 0.15 | 0.0 | 0.086 | 0.132 | 0.0 |
| 15 | 8684 | 8685 | NS | 1 | -34.515 | 16.663 | 0.0 | -34.308 | 18.314 | 0.0 | -8.576 | 23.091 | 0.051 | -17.154 | 23.634 | 0.236 | 0.087 | 209.507 | 2.484 | 0.086 | 199.768 | 2.829 | 0.086 | 0.6 | 0.0 | 0.086 | 3.91 | 0.03 |
| 16 | 8684 | 8685 | SN | 1 | -34.809 | 17.898 | 0.0 | -34.827 | 19.028 | 0.0 | -0.031 | 23.363 | 0.133 | 1.244 | 23.246 | 0.376 | 0.086 | 224.186 | 3.028 | 0.086 | 225.136 | 2.581 | 0.086 | 0.15 | 0.0 | 0.086 | 0.132 | 0.0 |
| 17 | 8685 | 8686 | SN | 1 | -34.786 | 18.145 | 0.0 | -34.912 | 18.226 | 0.0 | 0.048 | 22.653 | 0.158 | 0.896 | 23.164 | 0.318 | 0.086 | 223.009 | 3.28 | 0.086 | 229.581 | 3.013 | 0.086 | 0.148 | 0.0 | 0.086 | 0.136 | 0.0 |
| 18 | 8685 | 8686 | SN | 1 | -34.786 | 18.145 | 0.0 | -34.912 | 18.226 | 0.0 | 0.048 | 22.653 | 0.158 | 0.854 | 23.164 | 0.313 | 0.086 | 223.009 | 3.223 | 0.086 | 229.581 | 2.976 | 0.086 | 0.148 | 0.0 | 0.086 | 0.137 | 0.0 |
| 19 | 8685 | 8686 | NS | 1 | -33.189 | 18.937 | 0.0 | -34.574 | 16.903 | 0.0 | -22.767 | 23.717 | 0.027 | -23.85 | 24.076 | 0.143 | 0.086 | 154.39 | 1.439 | 0.087 | 212.36 | 1.476 | 0.086 | 14.068 | 0.092 | 0.086 | 18.032 | 0.053 |
| 20 | 8686 | 8687 | SN | 1 | -34.557 | 17.809 | 0.0 | -34.34 | 18.554 | 0.0 | 0.862 | 22.432 | 0.067 | -0.547 | 23.075 | 0.815 | 0.086 | 211.533 | 2.104 | 0.086 | 201.218 | 2.024 | 0.086 | 0.137 | 0.0 | 0.086 | 0.158 | 0.0 |
| 21 | 8686 | 8687 | NS | 1 | -34.874 | 16.892 | 0.0 | -34.4 | 18.122 | 0.0 | -20.64 | 22.891 | 0.087 | -25.697 | 23.68 | 0.168 | 0.087 | 227.538 | 2.638 | 0.086 | 204.089 | 2.922 | 0.086 | 8.645 | 0.019 | 0.086 | 27.564 | 0.009 |
| 22 | 8686 | 8687 | SN | 1 | -34.557 | 17.809 | 0.0 | -34.34 | 18.554 | 0.0 | 0.836 | 22.432 | 0.067 | -0.555 | 23.075 | 0.76 | 0.086 | 211.533 | 2.06 | 0.086 | 201.218 | 1.984 | 0.086 | 0.137 | 0.0 | 0.086 | 0.158 | 0.0 |
| 23 | 8687 | 8688 | SN | 1 | -34.739 | 17.248 | 0.0 | -34.792 | 17.486 | 0.0 | -0.096 | 22.416 | 0.029 | -0.229 | 22.88 | 0.113 | 0.087 | 220.584 | 2.687 | 0.087 | 223.318 | 2.586 | 0.086 | 0.151 | 0.0 | 0.086 | 0.153 | 0.0 |
| 24 | 8687 | 8688 | NS | 1 | -34.131 | 19.526 | 0.0 | -34.13 | 16.496 | 0.0 | -24.325 | 23.218 | 0.067 | -17.263 | 23.191 | 0.24 | 0.086 | 191.792 | 1.991 | 0.087 | 191.717 | 1.901 | 0.086 | 20.113 | 0.016 | 0.086 | 4.11 | 0.023 |
| 25 | 8687 | 8688 | SN | 1 | -34.739 | 17.248 | 0.0 | -34.792 | 17.486 | 0.0 | -0.142 | 22.416 | 0.027 | -0.229 | 22.88 | 0.11 | 0.087 | 220.584 | 2.61 | 0.087 | 223.318 | 2.491 | 0.086 | 0.151 | 0.0 | 0.086 | 0.153 | 0.0 |
| 26 | 8688 | 8689 | SN | 1 | -34.645 | 16.377 | 0.0 | -34.869 | 16.163 | 0.0 | -6.644 | 23.362 | 0.372 | -2.427 | 24.005 | 0.663 | 0.087 | 215.851 | 5.221 | 0.087 | 227.34 | 5.03 | 0.086 | 0.41 | 0.0 | 0.086 | 0.202 | 0.0 |
| 27 | 8688 | 8689 | NS | 1 | -34.946 | 19.386 | 0.0 | -34.998 | 19.994 | 0.0 | -17.202 | 23.244 | 0.229 | -23.97 | 23.563 | 0.529 | 0.086 | 231.432 | 2.823 | 0.086 | 234.095 | 2.851 | 0.086 | 3.952 | 0.044 | 0.086 | 19.012 | 0.041 |

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