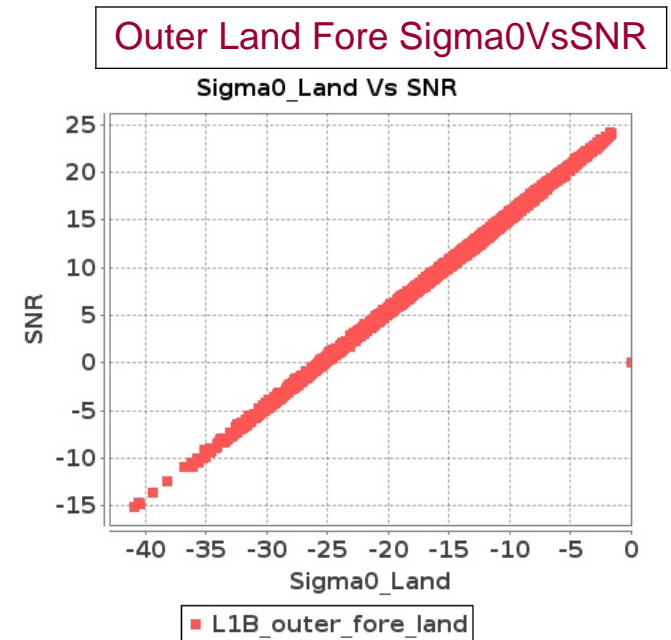
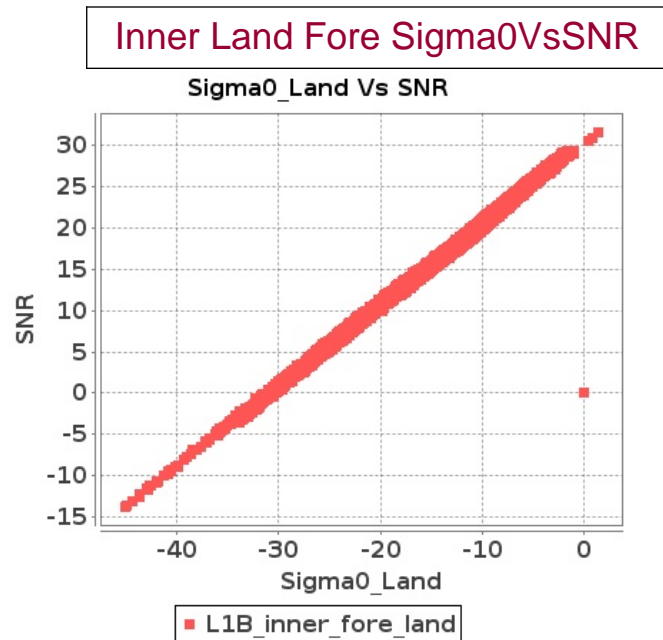
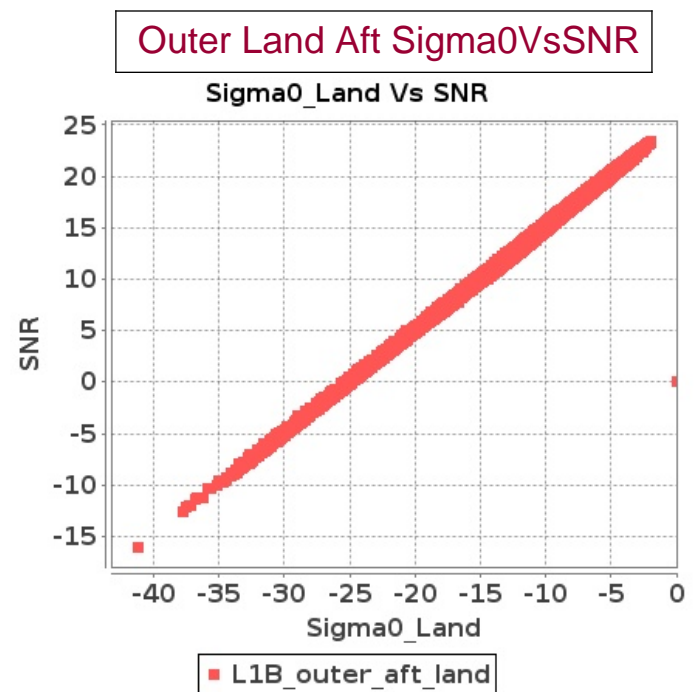
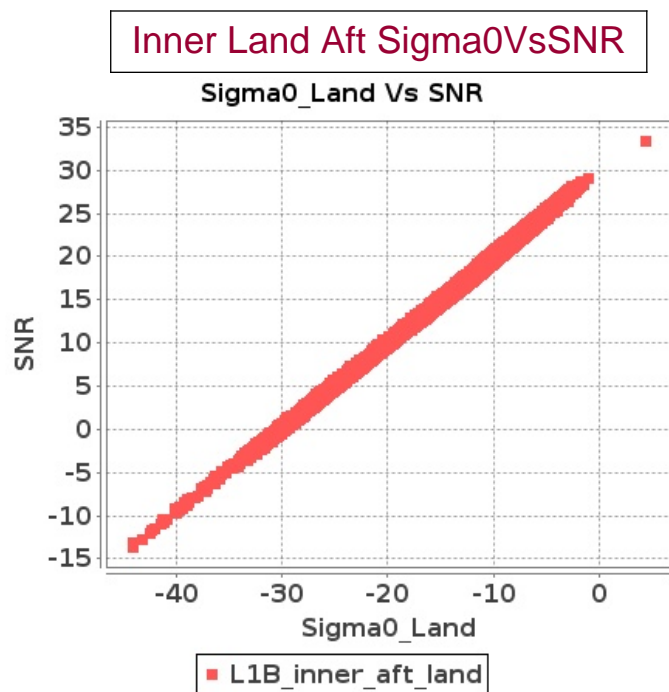
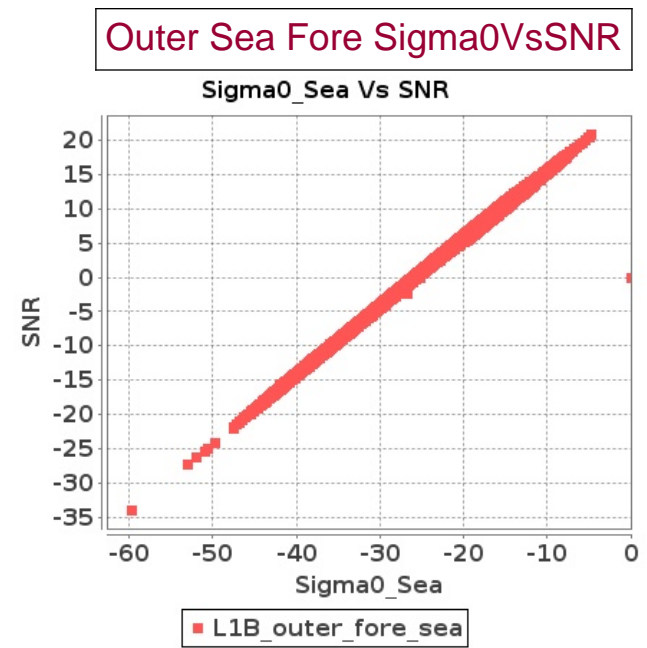
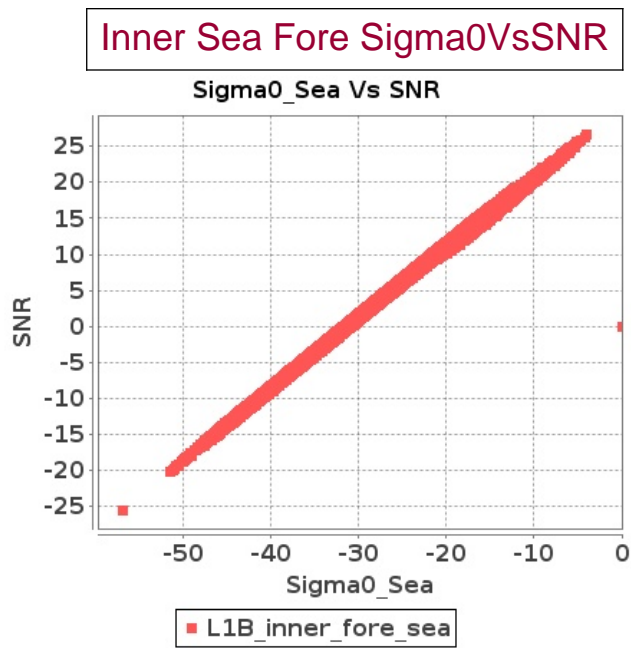
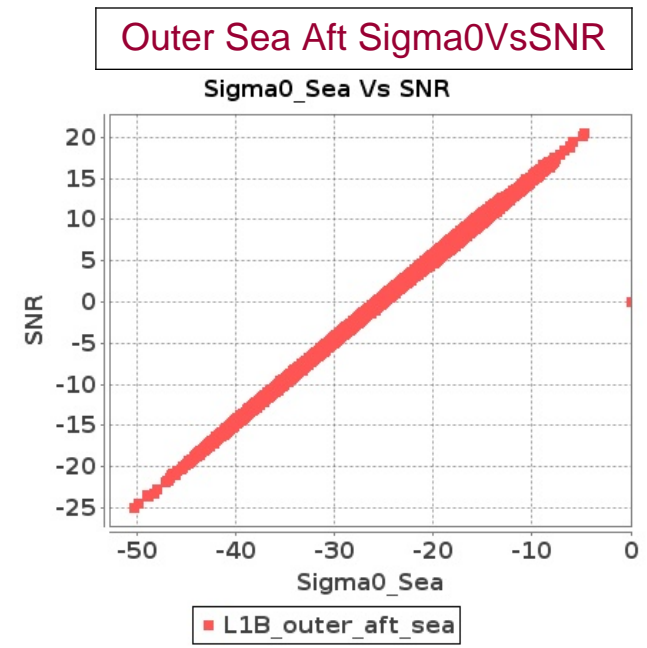
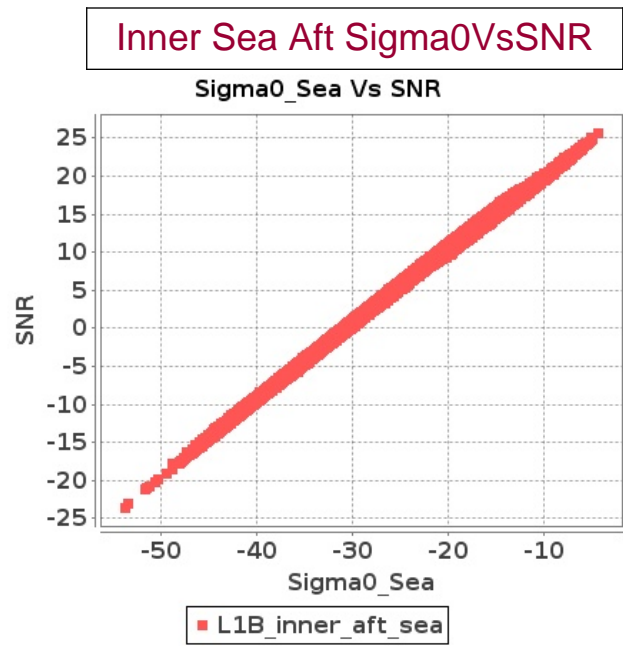
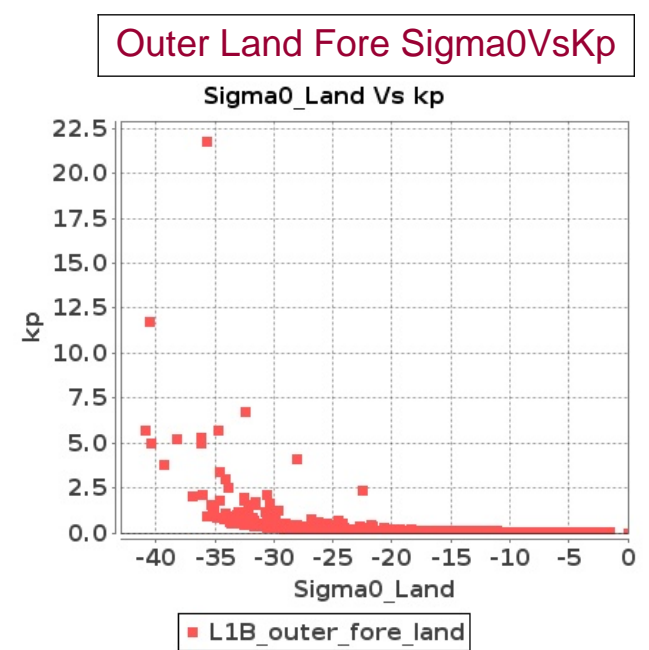
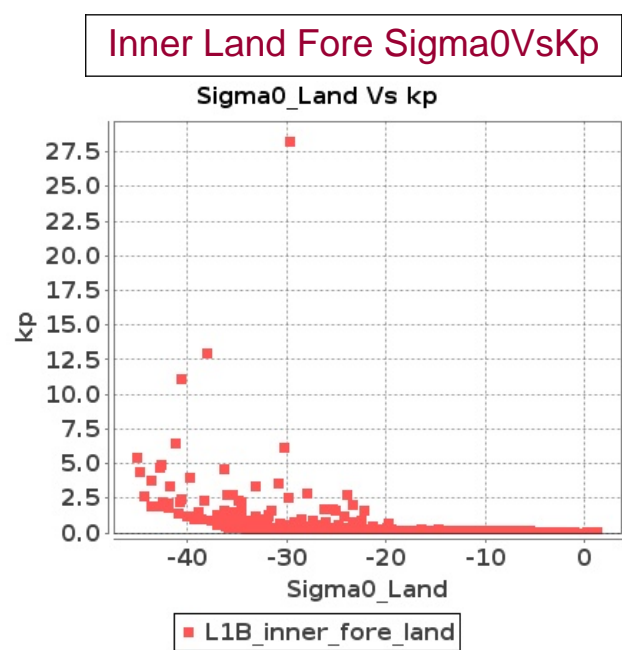
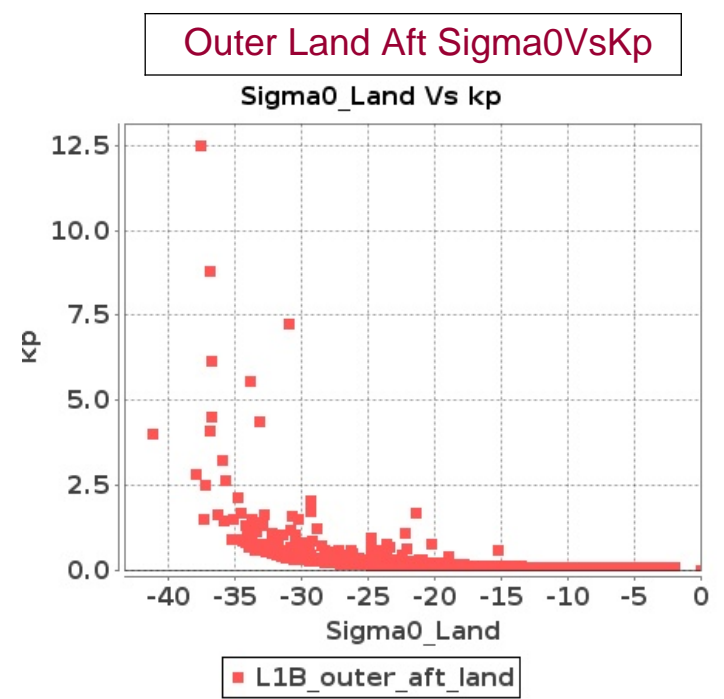
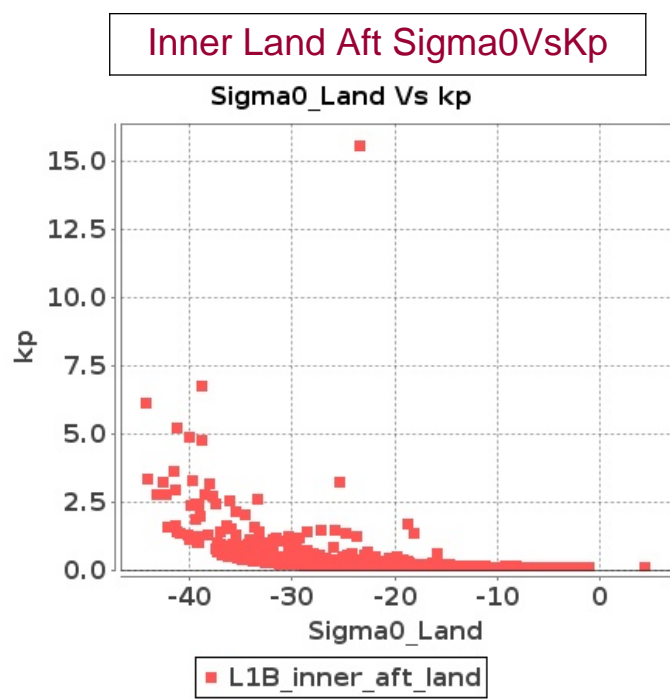
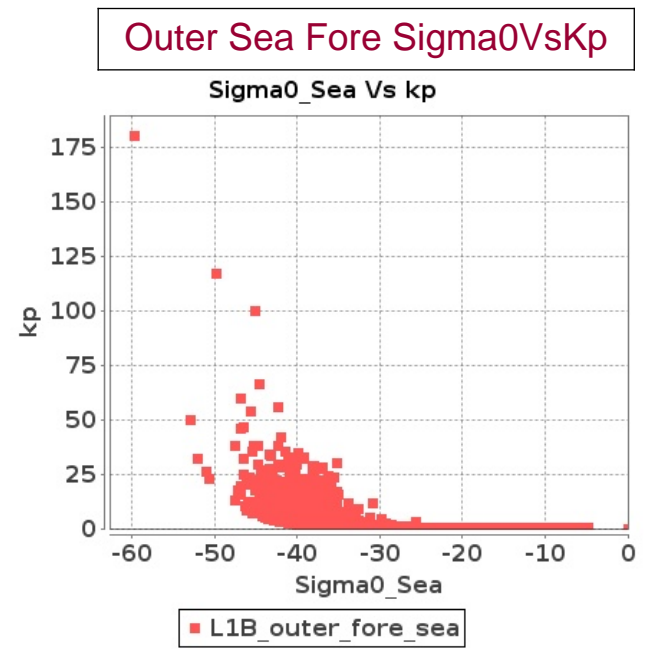
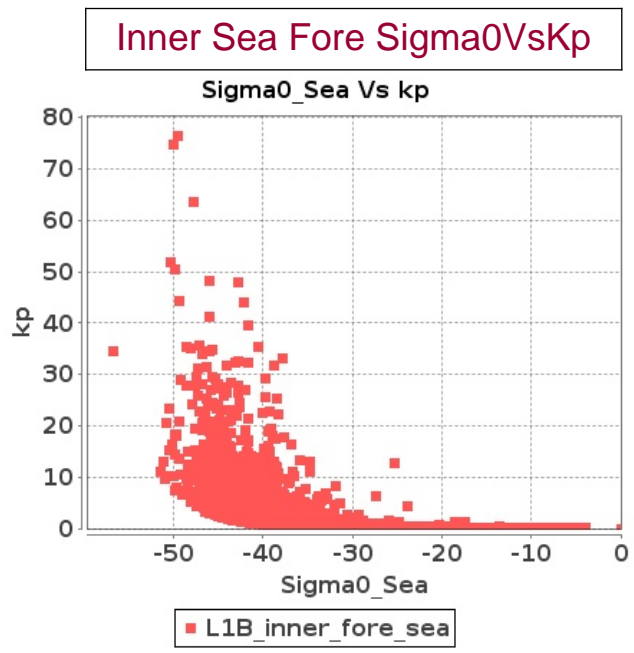
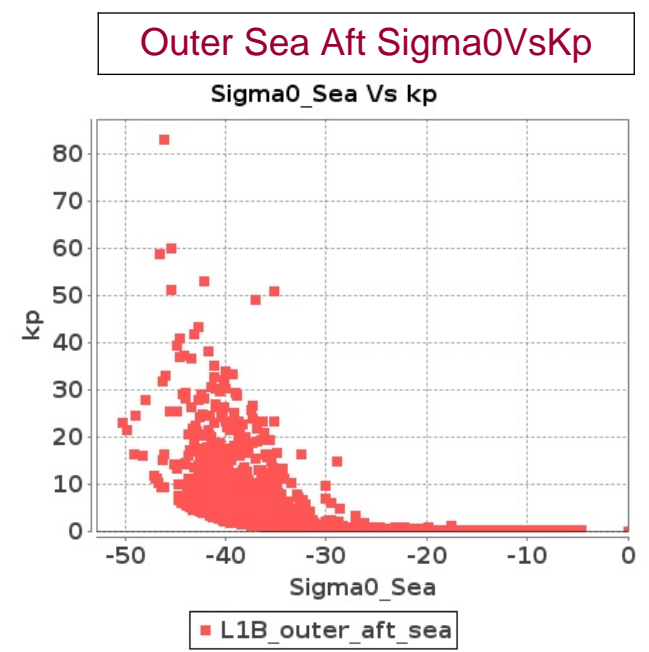
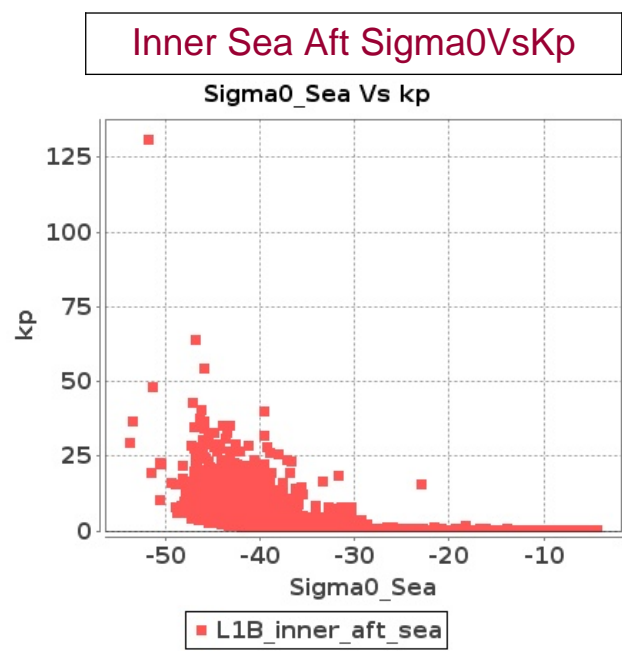


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 20-AUG-2018 To 21-AUG-2018





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

Report between 20-AUG-2018 To 21-AUG-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 | 10045 | 10046 | SN | 1 | 48.797 | 49.335 | 0.0 | 0.003 | 5.907 | 2.0 | 1041.944 | 1074.832 | 0.0 | -91.624 | -89.941 | 0.0 |
| 2 | 10045 | 10046 | SN | 1 | 48.8 | 49.333 | 0.0 | 0.0 | 80.734 | 2.772 | 1041.968 | 1075.104 | 0.0 | -91.619 | -89.942 | 0.0 |
| 3 | 10045 | 10046 | SN | 1 | 48.797 | 49.335 | 0.0 | 0.0 | 80.734 | 2.775 | 1041.944 | 1075.104 | 0.0 | -91.624 | -89.941 | 0.0 |
| 4 | 10046 | 10047 | SN | 1 | 48.745 | 49.355 | 0.0 | 0.003 | 6.226 | 2.608 | 1041.104 | 1075.08 | 0.0 | -91.664 | -89.952 | 0.0 |
| 5 | 10046 | 10047 | NS | 1 | 48.792 | 49.376 | 0.0 | 0.003 | 210.32 | 2.617 | 1033.496 | 1075.144 | 0.0 | -91.519 | -89.857 | 0.0 |
| 6 | 10046 | 10047 | SN | 1 | 48.745 | 49.355 | 0.0 | 0.003 | 5.912 | 2.427 | 1041.104 | 1075.08 | 0.0 | -91.584 | -89.952 | 0.0 |
| 7 | 10046 | 10047 | SN | 1 | 48.745 | 49.355 | 0.0 | 0.003 | 6.226 | 2.605 | 1041.104 | 1075.08 | 0.0 | -91.684 | -89.952 | 0.0 |
| 8 | 10047 | 10048 | SN | 1 | 48.738 | 49.362 | 0.0 | 0.003 | 5.923 | 2.354 | 1041.096 | 1074.968 | 0.0 | -91.752 | -89.95 | 0.0 |
| 9 | 10047 | 10048 | NS | 2 | 48.736 | 49.378 | 0.0 | 0.003 | 268.117 | 2.588 | 1033.672 | 1075.232 | 0.0 | -91.708 | -89.873 | 0.0 |
| 10 | 10047 | 10048 | SN | 1 | 48.739 | 49.362 | 0.0 | 0.003 | 6.199 | 2.511 | 1041.088 | 1074.976 | 0.0 | -92.247 | -89.95 | 0.0 |
| 11 | 10047 | 10048 | NS | 1 | 48.736 | 49.376 | 0.0 | 0.003 | 268.117 | 2.588 | 1033.672 | 1075.232 | 0.0 | -91.708 | -89.873 | 0.0 |
| 12 | 10047 | 10048 | SN | 1 | 48.739 | 49.362 | 0.0 | 0.003 | 5.923 | 2.353 | 1041.088 | 1074.976 | 0.0 | -92.247 | -89.95 | 0.0 |
| 13 | 10048 | 10049 | SN | 1 | 48.736 | 49.341 | 0.0 | 0.003 | 279.842 | 2.531 | 1040.952 | 1074.944 | 0.0 | -91.725 | -89.951 | 0.0 |
| 14 | 10048 | 10049 | SN | 1 | 48.736 | 49.334 | 0.0 | 0.003 | 279.842 | 2.293 | 1040.952 | 1074.928 | 0.0 | -91.636 | -89.951 | 0.0 |
| 15 | 10048 | 10049 | NS | 1 | 48.792 | 49.375 | 0.0 | 0.003 | 266.645 | 2.561 | 1033.384 | 1074.952 | 0.0 | -91.485 | -89.875 | 0.0 |
| 16 | 10049 | 10050 | SN | 1 | 48.793 | 49.376 | 0.0 | 0.003 | 279.202 | 2.148 | 1041.16 | 1074.856 | 0.0 | -91.63 | -89.951 | 0.0 |
| 17 | 10049 | 10050 | NS | 1 | 48.734 | 49.375 | 0.0 | 0.0 | 266.435 | 2.772 | 1033.712 | 1074.992 | 0.0 | -91.727 | -89.838 | 0.0 |
| 18 | 10049 | 10050 | SN | 1 | 48.793 | 49.592 | 0.0 | 0.003 | 279.202 | 2.52 | 1041.16 | 1080.392 | 0.0 | -93.986 | -89.951 | 0.0 |
| 19 | 10050 | 10051 | SN | 1 | 48.749 | 49.396 | 0.0 | 0.003 | 5.901 | 1.964 | 1040.76 | 1074.736 | 0.0 | -91.862 | -89.952 | 0.0 |
| 20 | 10050 | 10051 | NS | 1 | 48.735 | 49.375 | 0.0 | 0.0 | 266.981 | 2.752 | 1032.528 | 1075.056 | 0.0 | -91.759 | -89.874 | 0.0 |
| 21 | 10060 | 10061 | NS | 1 | 48.729 | 49.371 | 0.0 | 0.003 | 15.139 | 2.672 | 1031.912 | 1074.792 | 0.0 | -91.576 | -89.851 | 0.0 |
| 22 | 10060 | 10061 | SN | 1 | 48.766 | 49.379 | 0.0 | 0.003 | 6.199 | 2.739 | 1042.944 | 1074.912 | 0.0 | -91.656 | -89.906 | 0.0 |
| 23 | 10060 | 10061 | SN | 1 | 48.766 | 49.381 | 0.0 | 0.003 | 6.199 | 2.737 | 1042.944 | 1074.912 | 0.0 | -91.618 | -89.906 | 0.0 |
| 24 | 10061 | 10062 | NS | 1 | 48.785 | 49.408 | 0.0 | 0.0 | 264.411 | 2.668 | 1032.616 | 1074.856 | 0.0 | -91.698 | -89.864 | 0.0 |
| 25 | 10061 | 10062 | SN | 1 | 48.755 | 49.367 | 0.0 | 0.003 | 215.3 | 2.396 | 1042.512 | 1074.8 | 0.0 | -91.914 | -89.962 | 0.0 |
| 26 | 10061 | 10062 | SN | 1 | 48.757 | 49.339 | 0.0 | 0.003 | 6.199 | 2.525 | 1042.496 | 1074.8 | 0.0 | -91.701 | -89.962 | 0.0 |
| 27 | 10061 | 10062 | SN | 1 | 48.755 | 49.367 | 0.0 | 0.003 | 215.3 | 2.528 | 1042.512 | 1074.8 | 0.0 | -91.914 | -89.962 | 0.0 |
| 28 | 10062 | 10063 | NS | 1 | 48.782 | 49.371 | 0.0 | 0.003 | 267.571 | 2.589 | 1032.544 | 1074.888 | 0.0 | -91.744 | -89.864 | 0.0 |
| 29 | 10062 | 10063 | SN | 1 | 48.76 | 49.368 | 0.0 | 0.003 | 281.855 | 2.332 | 1042.784 | 1074.736 | 0.0 | -91.661 | -89.961 | 0.0 |
| 30 | 10062 | 10063 | SN | 1 | 48.76 | 49.368 | 0.0 | 0.003 | 281.855 | 2.515 | 1042.784 | 1074.736 | 0.0 | -91.661 | -89.961 | 0.0 |
| 31 | 10063 | 10064 | SN | 1 | 48.75 | 49.378 | 0.0 | 0.003 | 30.2 | 2.539 | 1041.744 | 1074.68 | 0.0 | -91.666 | -89.96 | 0.0 |
| 32 | 10063 | 10064 | SN | 1 | 48.75 | 49.378 | 0.0 | 0.003 | 30.2 | 2.232 | 1041.744 | 1074.64 | 0.0 | -91.701 | -89.96 | 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 | 10063 | 10064 | NS | 1 | 48.73 | 49.43 | 0.0 | 0.003 | 267.025 | 2.636 | 1032.752 | 1074.648 | 0.0 | -91.676 | -89.862 | 0.0 |
| 34 | 10064 | 10065 | NS | 1 | 48.729 | 49.423 | 0.0 | 0.0 | 42.537 | 2.759 | 1032.64 | 1074.64 | 0.0 | -91.744 | -89.845 | 0.0 |
| 35 | 10064 | 10065 | SN | 1 | 48.799 | 49.338 | 0.0 | 0.003 | 281.899 | 2.054 | 1041.824 | 1074.672 | 0.0 | -91.585 | -89.962 | 0.0 |
| 36 | 10064 | 10065 | SN | 1 | 48.799 | 49.351 | 0.0 | 0.003 | 281.899 | 2.526 | 1041.824 | 1074.72 | 0.0 | -93.39 | -89.962 | 0.0 |
| 37 | 10065 | 10066 | SN | 1 | 48.746 | 49.378 | 0.0 | 0.003 | 5.901 | 2.359 | 1042.456 | 1074.864 | 0.0 | -91.754 | -89.963 | 0.0 |
| 38 | 10065 | 10066 | NS | 1 | 48.768 | 49.434 | 0.0 | 0.003 | 267.638 | 2.576 | 1032.488 | 1074.648 | 0.0 | -91.664 | -89.863 | 0.0 |
| 39 | 10067 | 10068 | SN | 1 | 48.805 | 49.341 | 0.0 | 0.003 | 215.769 | 1.52 | 1042.624 | 1073.824 | 0.0 | -91.514 | -89.949 | 0.0 |
| 40 | 10067 | 10068 | NS | 1 | 48.722 | 49.391 | 0.0 | 0.003 | 210.425 | 2.618 | 1032.2 | 1074.552 | 0.0 | -91.65 | -89.858 | 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 | 10045 | 10046 | SN | 1 | -33.232 | 25.585 | 0.367 | -34.84 | 25.996 | 0.987 | -22.793 | 28.665 | 12.907 | -31.64 | 31.649 | 17.299 | 0.116 | 204.049 | 2.195 | 0.116 | 295.382 | 2.351 | 0.116 | 18.526 | 0.053 | 0.116 | 141.483 | 0.052 |
| 2 | 10045 | 10046 | SN | 1 | -32.726 | 25.585 | 0.733 | -33.927 | 25.996 | 2.271 | -22.751 | 28.665 | 13.002 | -31.693 | 31.649 | 17.301 | 0.116 | 181.612 | 2.113 | 0.116 | 239.395 | 2.199 | 0.116 | 18.347 | 0.053 | 0.116 | 143.191 | 0.052 |
| 3 | 10045 | 10046 | SN | 1 | -31.904 | 25.585 | 0.737 | -34.84 | 25.996 | 2.276 | -22.793 | 28.665 | 13.002 | -31.64 | 31.649 | 17.299 | 0.116 | 150.283 | 2.119 | 0.116 | 295.382 | 2.163 | 0.116 | 18.526 | 0.053 | 0.116 | 141.483 | 0.052 |
| 4 | 10046 | 10047 | SN | 1 | -34.527 | 26.066 | 0.6 | -34.965 | 27.524 | 1.416 | -26.11 | 31.092 | 12.716 | -33.692 | 29.712 | 9.307 | 0.116 | 274.893 | 2.315 | 0.116 | 304.088 | 2.069 | 0.116 | 39.649 | 0.044 | 0.116 | 226.796 | 0.039 |
| 5 | 10046 | 10047 | NS | 1 | -33.277 | 26.169 | 0.636 | -31.082 | 27.818 | 0.037 | -28.482 | 34.016 | 17.047 | -26.908 | 36.312 | 31.708 | 0.116 | 206.144 | 0.503 | 0.116 | 124.412 | 0.411 | 0.116 | 68.386 | 0.042 | 0.116 | 47.641 | 0.027 |
| 6 | 10046 | 10047 | SN | 1 | -34.527 | 26.066 | 0.285 | -34.965 | 27.524 | 1.444 | -26.229 | 31.092 | 12.716 | -33.692 | 29.712 | 9.307 | 0.116 | 274.893 | 2.388 | 0.116 | 304.088 | 2.128 | 0.116 | 40.761 | 0.044 | 0.116 | 226.796 | 0.039 |
| 7 | 10046 | 10047 | SN | 1 | -34.527 | 26.066 | 0.6 | -34.965 | 27.524 | 1.414 | -25.992 | 31.094 | 12.701 | -32.105 | 29.712 | 9.298 | 0.116 | 274.893 | 2.309 | 0.116 | 304.088 | 2.07 | 0.116 | 38.594 | 0.044 | 0.116 | 157.42 | 0.039 |
| 8 | 10047 | 10048 | SN | 1 | -34.636 | 25.142 | 0.405 | -34.068 | 25.595 | 0.886 | -12.854 | 29.079 | 13.372 | -10.979 | 31.174 | 7.182 | 0.116 | 281.834 | 3.91 | 0.116 | 247.279 | 3.142 | 0.116 | 1.96 | 0.018 | 0.116 | 1.305 | 0.004 |
| 9 | 10047 | 10048 | NS | 2 | -32.692 | 25.767 | 0.361 | -34.434 | 24.299 | 0.006 | -8.163 | 29.785 | 13.526 | -6.168 | 30.493 | 23.86 | 0.116 | 180.225 | 1.133 | 0.116 | 269.131 | 1.113 | 0.116 | 0.728 | 0.0 | 0.116 | 0.496 | 0.0 |
| 10 | 10047 | 10048 | SN | 1 | -34.908 | 25.142 | 0.597 | -34.004 | 25.594 | 0.872 | -12.837 | 29.079 | 13.373 | -10.985 | 31.174 | 7.177 | 0.116 | 300.11 | 3.832 | 0.116 | 243.736 | 3.092 | 0.116 | 1.952 | 0.018 | 0.116 | 1.307 | 0.004 |
| 11 | 10047 | 10048 | NS | 1 | -32.692 | 25.767 | 0.36 | -34.434 | 24.299 | 0.006 | -8.163 | 29.785 | 13.526 | -6.168 | 30.493 | 23.86 | 0.116 | 180.225 | 1.133 | 0.116 | 269.131 | 1.113 | 0.116 | 0.728 | 0.0 | 0.116 | 0.496 | 0.0 |
| 12 | 10047 | 10048 | SN | 1 | -34.908 | 25.142 | 0.404 | -34.077 | 25.595 | 0.886 | -12.835 | 29.079 | 13.373 | -10.985 | 31.174 | 7.177 | 0.116 | 300.11 | 3.907 | 0.116 | 247.848 | 3.141 | 0.116 | 1.952 | 0.018 | 0.116 | 1.307 | 0.004 |
| 13 | 10048 | 10049 | SN | 1 | -34.668 | 24.296 | 0.179 | -34.36 | 24.673 | 0.307 | -1.124 | 27.405 | 14.366 | 2.259 | 28.224 | 5.92 | 0.116 | 283.965 | 1.461 | 0.116 | 264.564 | 1.136 | 0.116 | 0.227 | 0.0 | 0.116 | 0.164 | 0.0 |
| 14 | 10048 | 10049 | SN | 1 | -34.984 | 24.304 | 0.182 | -33.99 | 24.673 | 0.303 | 6.952 | 27.405 | 14.393 | 2.242 | 28.224 | 5.936 | 0.116 | 305.403 | 1.489 | 0.116 | 255.518 | 1.117 | 0.116 | 0.131 | 0.0 | 0.116 | 0.164 | 0.0 |
| 15 | 10048 | 10049 | NS | 1 | -34.554 | 24.732 | 0.043 | -33.392 | 26.281 | 0.034 | -4.5 | 29.342 | 10.232 | -3.883 | 30.127 | 18.758 | 0.116 | 276.558 | 1.19 | 0.116 | 211.655 | 0.894 | 0.116 | 0.37 | 0.0 | 0.116 | 0.334 | 0.0 |
| 16 | 10049 | 10050 | SN | 1 | -34.608 | 22.945 | 0.009 | -34.649 | 25.09 | 0.135 | 6.105 | 29.299 | 18.994 | 0.497 | 29.158 | 18.909 | 0.116 | 280.062 | 2.876 | 0.116 | 282.796 | 2.693 | 0.116 | 0.135 | 0.0 | 0.116 | 0.19 | 0.0 |
| 17 | 10049 | 10050 | NS | 1 | -34.741 | 22.996 | 0.022 | -34.13 | 22.772 | 0.007 | -10.296 | 28.869 | 7.454 | -12.643 | 29.556 | 13.243 | 0.116 | 288.791 | 2.262 | 0.116 | 250.819 | 1.773 | 0.116 | 1.129 | 0.004 | 0.116 | 1.872 | 0.003 |
| 18 | 10049 | 10050 | SN | 1 | -34.608 | 23.555 | 0.037 | -34.649 | 25.086 | 0.134 | 0.774 | 29.299 | 18.877 | 0.557 | 29.158 | 18.219 | 0.116 | 280.062 | 2.822 | 0.116 | 282.796 | 2.707 | 0.116 | 0.186 | 0.0 | 0.116 | 0.189 | 0.0 |
| 19 | 10050 | 10051 | SN | 1 | -34.996 | 23.547 | 0.019 | -34.934 | 24.327 | 0.068 | 6.468 | 28.767 | 16.765 | 1.702 | 29.532 | 17.078 | 0.116 | 306.253 | 5.846 | 0.116 | 301.916 | 5.325 | 0.116 | 0.133 | 0.0 | 0.116 | 0.171 | 0.0 |
| 20 | 10050 | 10051 | NS | 1 | -34.433 | 22.723 | 0.002 | -34.773 | 21.924 | 0.0 | -18.503 | 28.032 | 8.639 | -11.628 | 30.368 | 15.213 | 0.116 | 268.964 | 2.471 | 0.116 | 290.922 | 1.669 | 0.116 | 6.955 | 0.027 | 0.116 | 1.5 | 0.009 |
| 21 | 10060 | 10061 | NS | 1 | -34.824 | 27.045 | 0.308 | -31.606 | 26.9 | 0.056 | -0.158 | 31.947 | 18.955 | 5.133 | 32.962 | 31.824 | 0.116 | 294.395 | 1.823 | 0.116 | 140.338 | 1.352 | 0.116 | 0.203 | 0.0 | 0.116 | 0.14 | 0.0 |
| 22 | 10060 | 10061 | SN | 1 | -34.948 | 25.877 | 0.942 | -34.591 | 27.556 | 1.6 | -16.901 | 36.383 | 14.993 | -23.506 | 29.638 | 18.365 | 0.116 | 302.875 | 3.523 | 0.116 | 278.933 | 3.116 | 0.116 | 4.836 | 0.009 | 0.116 | 21.81 | 0.005 |
| 23 | 10060 | 10061 | SN | 1 | -34.948 | 25.877 | 0.942 | -34.663 | 27.556 | 1.599 | -16.972 | 36.383 | 15.023 | -23.42 | 29.638 | 18.368 | 0.116 | 302.875 | 3.523 | 0.116 | 283.671 | 3.129 | 0.116 | 4.915 | 0.009 | 0.116 | 21.383 | 0.005 |
| 24 | 10061 | 10062 | NS | 1 | -34.334 | 26.985 | 0.12 | -32.525 | 26.689 | 0.031 | -16.584 | 32.333 | 15.416 | -22.966 | 33.205 | 27.393 | 0.116 | 262.891 | 1.108 | 0.116 | 173.437 | 1.157 | 0.116 | 4.503 | 0.005 | 0.116 | 19.276 | 0.006 |
| 25 | 10061 | 10062 | SN | 1 | -34.849 | 26.411 | 0.162 | -34.885 | 27.087 | 0.531 | -16.73 | 29.284 | 10.904 | -14.993 | 29.98 | 6.23 | 0.116 | 296.038 | 4.47 | 0.116 | 298.422 | 2.911 | 0.116 | 4.653 | 0.027 | 0.116 | 3.149 | 0.007 |
| 26 | 10061 | 10062 | SN | 1 | -34.909 | 26.411 | 0.244 | -34.357 | 27.087 | 0.52 | -16.754 | 29.284 | 10.904 | -14.993 | 29.98 | 6.228 | 0.116 | 300.211 | 4.373 | 0.116 | 264.336 | 2.856 | 0.116 | 4.679 | 0.027 | 0.116 | 3.149 | 0.007 |
| 27 | 10061 | 10062 | SN | 1 | -34.849 | 26.411 | 0.245 | -34.885 | 27.087 | 0.521 | -16.73 | 29.284 | 10.904 | -14.993 | 29.98 | 6.23 | 0.116 | 296.038 | 4.38 | 0.116 | 298.422 | 2.855 | 0.116 | 4.653 | 0.027 | 0.116 | 3.149 | 0.007 |
| 28 | 10062 | 10063 | NS | 1 | -34.543 | 24.171 | 0.014 | -33.778 | 23.779 | 0.003 | -5.15 | 30.552 | 12.537 | -3.205 | 30.042 | 23.116 | 0.116 | 275.898 | 1.503 | 0.116 | 231.369 | 1.147 | 0.116 | 0.413 | 0.0 | 0.116 | 0.301 | 0.0 |
| 29 | 10062 | 10063 | SN | 1 | -34.968 | 23.909 | 0.103 | -33.542 | 25.017 | 0.265 | 6.522 | 29.458 | 17.123 | 8.439 | 29.287 | 8.694 | 0.116 | 304.233 | 1.912 | 0.116 | 219.126 | 1.515 | 0.116 | 0.133 | 0.0 | 0.116 | 0.127 | 0.0 |
| 30 | 10062 | 10063 | SN | 1 | -34.968 | 23.909 | 0.102 | -33.542 | 25.017 | 0.261 | 1.762 | 29.458 | 17.12 | 1.914 | 29.287 | 8.676 | 0.116 | 304.233 | 1.879 | 0.116 | 219.126 | 1.618 | 0.116 | 0.17 | 0.0 | 0.116 | 0.168 | 0.0 |
| 31 | 10063 | 10064 | SN | 1 | -34.67 | 24.285 | 0.062 | -34.818 | 24.694 | 0.13 | 0.248 | 28.214 | 14.722 | 2.845 | 27.804 | 8.736 | 0.116 | 284.023 | 3.97 | 0.116 | 293.932 | 3.537 | 0.116 | 0.195 | 0.0 | 0.116 | 0.158 | 0.0 |
| 32 | 10063 | 10064 | SN | 1 | -34.67 | 24.304 | 0.032 | -34.818 | 24.692 | 0.134 | 6.444 | 28.214 | 14.738 | 2.797 | 27.804 | 8.882 | 0.116 | 284.023 | 4.059 | 0.116 | 293.932 | 3.529 | 0.116 | 0.133 | 0.0 | 0.116 | 0.158 | 0.0 |
| 33 | 10063 | 10064 | NS | 1 | -34.306 | 23.369 | 0.02 | -34.586 | 22.679 | 0.002 | -12.168 | 30.602 | 7.178 | -6.462 | 30.072 | 13.386 | 0.116 | 261.209 | 2.338 | 0.116 | 278.606 | 2.328 | 0.116 | 1.687 | 0.001 | 0.116 | 0.523 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|---------|-------|
| 34 | 10064 | 10065 | NS | 1 | -34.17 | 22.873 | 0.002 | -34.747 | 21.454 | 0.0 | -4.302 | 30.592 | 10.588 | -3.909 | 29.571 | 18.169 | 0.116 | 253.186 | 3.625 | 0.116 | 289.161 | 3.27 | 0.116 | 0.358 | 0.0 | 0.116 | 0.336 | 0.0 |
| 35 | 10064 | 10065 | SN | 1 | -33.865 | 24.036 | 0.048 | -33.907 | 24.106 | 0.179 | 6.84 | 28.883 | 16.457 | 8.708 | 29.386 | 17.542 | 0.116 | 236.075 | 2.851 | 0.116 | 238.324 | 2.777 | 0.116 | 0.132 | 0.0 | 0.116 | 0.126 | 0.0 |
| 36 | 10064 | 10065 | SN | 1 | -34.713 | 24.036 | 0.087 | -34.734 | 24.106 | 0.173 | -0.524 | 28.883 | 16.044 | 8.708 | 29.386 | 17.043 | 0.116 | 286.872 | 2.89 | 0.116 | 288.318 | 2.699 | 0.116 | 0.212 | 0.0 | 0.116 | 0.126 | 0.0 |
| 37 | 10065 | 10066 | SN | 1 | -34.946 | 23.128 | 0.084 | -34.946 | 24.296 | 0.247 | -1.035 | 29.242 | 14.534 | 4.569 | 29.387 | 13.317 | 0.116 | 302.741 | 4.948 | 0.116 | 302.738 | 4.838 | 0.116 | 0.224 | 0.0 | 0.116 | 0.143 | 0.0 |
| 38 | 10065 | 10066 | NS | 1 | -31.67 | 25.433 | 0.428 | -34.971 | 25.588 | 0.581 | -9.67 | 29.12 | 8.59 | -8.776 | 30.385 | 15.208 | 0.116 | 142.404 | 1.797 | 0.116 | 304.53 | 1.461 | 0.116 | 0.99 | 0.0 | 0.116 | 0.823 | 0.0 |
| 39 | 10067 | 10068 | SN | 1 | -33.024 | 25.996 | 0.037 | -32.29 | 26.336 | 0.051 | -12.28 | 30.507 | 18.981 | -33.072 | 30.402 | 22.12 | 0.116 | 194.481 | 1.33 | 0.116 | 164.26 | 1.47 | 0.116 | 1.729 | 0.003 | 0.116 | 196.616 | 0.002 |
| 40 | 10067 | 10068 | NS | 1 | -34.564 | 24.574 | 0.202 | -34.92 | 25.336 | 0.304 | 5.806 | 29.376 | 18.464 | 3.708 | 29.97 | 30.534 | 0.116 | 277.267 | 6.113 | 0.116 | 300.899 | 5.508 | 0.116 | 0.136 | 0.0 | 0.116 | 0.15 | 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 | 10045 | 10046 | SN | 1 | 57.582 | 58.188 | 0.0 | 0.0 | 299.051 | 3.029 | 1221.32 | 1262.816 | 0.0 | -92.937 | -91.992 | 0.0 |
| 2 | 10045 | 10046 | SN | 1 | 57.539 | 58.325 | 0.0 | 0.0 | 299.123 | 3.938 | 1221.36 | 1268.272 | 0.0 | -94.937 | -91.993 | 0.0 |
| 3 | 10045 | 10046 | SN | 1 | 57.539 | 58.325 | 0.0 | 0.0 | 299.051 | 3.941 | 1221.32 | 1268.272 | 0.0 | -94.937 | -91.992 | 0.0 |
| 4 | 10046 | 10047 | SN | 1 | 57.557 | 58.367 | 0.0 | 0.0 | 296.348 | 3.739 | 1220.768 | 1269.296 | 0.0 | -95.616 | -92.005 | 0.0 |
| 5 | 10046 | 10047 | NS | 1 | 57.544 | 58.208 | 0.0 | 0.0 | 297.485 | 3.658 | 1211.264 | 1263.2 | 0.0 | -95.124 | -91.915 | 0.0 |
| 6 | 10046 | 10047 | SN | 1 | 57.557 | 58.161 | 0.0 | 0.0 | 296.348 | 3.243 | 1220.768 | 1263.04 | 0.0 | -93.019 | -92.005 | 0.0 |
| 7 | 10046 | 10047 | SN | 1 | 57.557 | 58.367 | 0.0 | 0.0 | 296.348 | 3.736 | 1220.768 | 1269.296 | 0.0 | -95.616 | -92.005 | 0.0 |
| 8 | 10047 | 10048 | SN | 1 | 57.556 | 58.178 | 0.0 | 0.003 | 295.262 | 3.099 | 1221.072 | 1262.912 | 0.0 | -92.986 | -92.004 | 0.0 |
| 9 | 10047 | 10048 | NS | 2 | 57.58 | 58.217 | 0.0 | 0.0 | 297.369 | 3.494 | 1211.416 | 1263.352 | 0.0 | -93.738 | -91.93 | 0.0 |
| 10 | 10047 | 10048 | SN | 1 | 57.556 | 58.18 | 0.0 | 0.0 | 299.244 | 3.557 | 1221.072 | 1262.928 | 0.0 | -93.068 | -92.004 | 0.0 |
| 11 | 10047 | 10048 | NS | 1 | 57.58 | 58.208 | 0.0 | 0.0 | 297.369 | 3.493 | 1211.416 | 1263.352 | 0.0 | -93.738 | -91.93 | 0.0 |
| 12 | 10047 | 10048 | SN | 1 | 57.556 | 58.18 | 0.0 | 0.0 | 299.244 | 3.096 | 1221.072 | 1262.92 | 0.0 | -93.068 | -92.004 | 0.0 |
| 13 | 10048 | 10049 | SN | 1 | 57.56 | 58.18 | 0.0 | 0.003 | 296.784 | 3.56 | 1221.008 | 1262.896 | 0.0 | -93.073 | -92.004 | 0.0 |
| 14 | 10048 | 10049 | SN | 1 | 57.56 | 58.18 | 0.0 | 0.003 | 296.784 | 3.083 | 1221.008 | 1262.856 | 0.0 | -93.068 | -92.004 | 0.0 |
| 15 | 10048 | 10049 | NS | 1 | 57.545 | 58.226 | 0.0 | 0.0 | 299.145 | 3.584 | 1211.32 | 1262.936 | 0.0 | -93.737 | -91.931 | 0.0 |
| 16 | 10049 | 10050 | SN | 1 | 57.586 | 58.186 | 0.0 | 0.003 | 293.177 | 3.03 | 1220.68 | 1262.784 | 0.0 | -93.003 | -92.004 | 0.0 |
| 17 | 10049 | 10050 | NS | 1 | 57.56 | 58.218 | 0.0 | 0.0 | 292.99 | 3.777 | 1211.504 | 1263.024 | 0.0 | -93.072 | -91.894 | 0.0 |
| 18 | 10049 | 10050 | SN | 1 | 57.586 | 58.186 | 0.0 | 0.0 | 293.177 | 3.581 | 1220.68 | 1262.936 | 0.0 | -93.049 | -92.004 | 0.0 |
| 19 | 10050 | 10051 | SN | 1 | 57.57 | 58.176 | 0.0 | 0.003 | 294.137 | 2.883 | 1220.304 | 1262.672 | 0.0 | -92.986 | -92.005 | 0.0 |
| 20 | 10050 | 10051 | NS | 1 | 57.557 | 58.234 | 0.0 | 0.0 | 292.598 | 3.807 | 1210.336 | 1263.112 | 0.0 | -93.736 | -91.93 | 0.0 |
| 21 | 10060 | 10061 | NS | 1 | 57.538 | 58.207 | 0.0 | 0.0 | 294.462 | 3.728 | 1209.344 | 1262.728 | 0.046 | -93.736 | -91.904 | 0.0 |
| 22 | 10060 | 10061 | SN | 1 | 57.561 | 58.197 | 0.0 | 0.0 | 294.909 | 3.886 | 1221.768 | 1262.84 | 0.0 | -92.999 | -91.956 | 0.0 |
| 23 | 10060 | 10061 | SN | 1 | 57.561 | 58.194 | 0.0 | 0.0 | 294.909 | 3.881 | 1222.392 | 1262.84 | 0.0 | -93.017 | -91.956 | 0.0 |
| 24 | 10061 | 10062 | NS | 1 | 57.571 | 58.225 | 0.0 | 0.0 | 297.86 | 3.657 | 1210.168 | 1262.84 | 0.0 | -93.735 | -91.92 | 0.0 |
| 25 | 10061 | 10062 | SN | 1 | 57.572 | 58.196 | 0.0 | 0.003 | 299.139 | 3.19 | 1221.848 | 1262.704 | 0.0 | -93.044 | -92.015 | 0.0 |
| 26 | 10061 | 10062 | SN | 1 | 57.571 | 58.171 | 0.0 | 0.0 | 294.898 | 3.63 | 1222.2 | 1262.704 | 0.0 | -93.06 | -92.015 | 0.0 |
| 27 | 10061 | 10062 | SN | 1 | 57.572 | 58.196 | 0.0 | 0.0 | 299.139 | 3.633 | 1221.848 | 1262.704 | 0.0 | -93.044 | -92.015 | 0.0 |
| 28 | 10062 | 10063 | NS | 1 | 57.563 | 58.201 | 0.0 | 0.0 | 299.476 | 3.512 | 1209.712 | 1262.936 | 0.001 | -93.735 | -91.921 | 0.0 |
| 29 | 10062 | 10063 | SN | 1 | 57.583 | 58.181 | 0.0 | 0.0 | 294.997 | 3.108 | 1222.36 | 1262.632 | 0.0 | -93.006 | -92.014 | 0.0 |
| 30 | 10062 | 10063 | SN | 1 | 57.583 | 58.181 | 0.0 | 0.0 | 294.997 | 3.572 | 1222.36 | 1262.632 | 0.0 | -93.006 | -92.014 | 0.0 |
| 31 | 10063 | 10064 | SN | 1 | 57.562 | 58.173 | 0.0 | 0.0 | 298.753 | 3.57 | 1221.784 | 1262.56 | 0.0 | -93.052 | -92.014 | 0.0 |
| 32 | 10063 | 10064 | SN | 1 | 57.562 | 58.173 | 0.0 | 0.003 | 298.753 | 3.062 | 1221.784 | 1262.512 | 0.0 | -93.042 | -92.014 | 0.0 |
| 33 | 10063 | 10064 | NS | 1 | 57.537 | 58.2 | 0.0 | 0.0 | 294.887 | 3.619 | 1210.128 | 1262.56 | 0.0 | -93.043 | -91.916 | 0.0 |
| 34 | 10064 | 10065 | NS | 1 | 57.54 | 58.229 | 0.0 | 0.0 | 292.714 | 3.785 | 1210.2 | 1262.584 | 0.0 | -93.733 | -91.9 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 35 | 10064 | 10065 | SN | 1 | 57.589 | 58.162 | 0.0 | 0.0 | 296.183 | 2.959 | 1221.616 | 1262.56 | 0.0 | -93.01 | -92.015 | 0.0 |
| 36 | 10064 | 10065 | SN | 1 | 57.589 | 58.162 | 0.0 | 0.0 | 296.183 | 3.566 | 1221.616 | 1262.6 | 0.0 | -93.012 | -92.015 | 0.0 |
| 37 | 10065 | 10066 | SN | 1 | 57.567 | 58.192 | 0.0 | 0.0 | 293.812 | 3.142 | 1222.184 | 1262.592 | 0.0 | -93.401 | -92.015 | 0.0 |
| 38 | 10065 | 10066 | NS | 1 | 57.551 | 58.229 | 0.0 | 0.0 | 299.9 | 3.643 | 1209.32 | 1262.584 | 0.002 | -93.734 | -91.918 | 0.0 |
| 39 | 10067 | 10068 | SN | 1 | 57.599 | 58.163 | 0.0 | 0.0 | 294.815 | 2.152 | 1223.272 | 1261.848 | 0.0 | -92.955 | -92.01 | 0.0 |
| 40 | 10067 | 10068 | NS | 1 | 57.532 | 58.351 | 0.0 | 0.003 | 295.681 | 3.652 | 1209.68 | 1268.344 | 0.77 | -95.858 | -91.902 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | 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 | 10045 | 10046 | SN | 1 | -33.726 | 21.307 | 0.0 | -34.153 | 21.958 | 0.0 | -28.782 | 23.785 | 0.083 | -30.228 | 23.604 | 0.042 | 0.086 | 174.745 | 2.184 | 0.086 | 192.757 | 2.481 | 0.086 | 56.006 | 0.165 | 0.086 | 78.111 | 0.124 |
| 2 | 10045 | 10046 | SN | 1 | -34.815 | 21.307 | 0.0 | -34.871 | 21.958 | 0.0 | -28.97 | 23.785 | 0.082 | -30.247 | 23.604 | 0.042 | 0.086 | 224.488 | 2.731 | 0.086 | 227.419 | 2.641 | 0.086 | 58.483 | 0.163 | 0.086 | 78.458 | 0.126 |
| 3 | 10045 | 10046 | SN | 1 | -34.931 | 21.307 | 0.0 | -34.153 | 21.958 | 0.0 | -28.782 | 23.785 | 0.082 | -30.228 | 23.604 | 0.042 | 0.086 | 230.576 | 2.739 | 0.086 | 192.757 | 2.629 | 0.086 | 56.006 | 0.163 | 0.086 | 78.111 | 0.126 |
| 4 | 10046 | 10047 | SN | 1 | -34.631 | 21.615 | 0.0 | -34.294 | 21.92 | 0.0 | -34.578 | 23.481 | 0.105 | -30.318 | 23.646 | 0.13 | 0.086 | 220.685 | 2.705 | 0.086 | 199.122 | 2.328 | 0.086 | 212.607 | 0.158 | 0.086 | 79.761 | 0.244 |
| 5 | 10046 | 10047 | NS | 1 | -32.51 | 21.508 | 0.0 | -32.549 | 21.202 | 0.0 | -16.752 | 22.82 | 0.026 | -15.013 | 24.475 | 0.289 | 0.086 | 132.046 | 0.573 | 0.086 | 133.242 | 0.684 | 0.086 | 3.57 | 0.002 | 0.086 | 2.413 | 0.002 |
| 6 | 10046 | 10047 | SN | 1 | -34.631 | 21.615 | 0.0 | -34.294 | 21.92 | 0.0 | -34.578 | 23.481 | 0.105 | -30.318 | 23.646 | 0.13 | 0.086 | 220.685 | 2.754 | 0.086 | 199.122 | 2.386 | 0.086 | 212.607 | 0.158 | 0.086 | 79.761 | 0.244 |
| 7 | 10046 | 10047 | SN | 1 | -34.704 | 21.615 | 0.0 | -34.931 | 21.92 | 0.0 | -32.252 | 23.481 | 0.104 | -30.991 | 23.646 | 0.13 | 0.086 | 218.798 | 2.706 | 0.086 | 230.552 | 2.331 | 0.086 | 124.45 | 0.157 | 0.086 | 93.09 | 0.243 |
| 8 | 10047 | 10048 | SN | 1 | -34.034 | 18.714 | 0.0 | -34.626 | 19.694 | 0.0 | -19.235 | 23.3 | 0.281 | -9.126 | 23.338 | 0.353 | 0.086 | 187.581 | 3.57 | 0.086 | 214.973 | 3.324 | 0.086 | 6.274 | 0.006 | 0.086 | 0.672 | 0.0 |
| 9 | 10047 | 10048 | NS | 2 | -33.729 | 18.632 | 0.0 | -32.575 | 17.003 | 0.0 | -14.582 | 23.128 | 0.051 | -17.882 | 23.793 | 0.275 | 0.086 | 174.848 | 0.751 | 0.087 | 134.035 | 0.794 | 0.086 | 2.191 | 0.002 | 0.086 | 4.612 | 0.019 |
| 10 | 10047 | 10048 | SN | 1 | -34.813 | 18.714 | 0.0 | -34.626 | 19.694 | 0.0 | -19.235 | 23.3 | 0.281 | -9.093 | 23.338 | 0.353 | 0.086 | 224.424 | 3.513 | 0.086 | 214.973 | 3.299 | 0.086 | 6.273 | 0.006 | 0.086 | 0.667 | 0.0 |
| 11 | 10047 | 10048 | NS | 1 | -33.729 | 18.643 | 0.0 | -32.575 | 17.003 | 0.0 | -14.582 | 23.128 | 0.051 | -17.882 | 23.793 | 0.275 | 0.086 | 174.848 | 0.752 | 0.087 | 134.035 | 0.791 | 0.086 | 2.191 | 0.002 | 0.086 | 4.612 | 0.019 |
| 12 | 10047 | 10048 | SN | 1 | -34.813 | 18.714 | 0.0 | -34.626 | 19.694 | 0.0 | -19.235 | 23.3 | 0.281 | -9.093 | 23.338 | 0.353 | 0.086 | 224.424 | 3.581 | 0.086 | 214.973 | 3.325 | 0.086 | 6.273 | 0.006 | 0.086 | 0.667 | 0.0 |
| 13 | 10048 | 10049 | SN | 1 | -34.314 | 18.75 | 0.0 | -34.673 | 18.581 | 0.0 | 1.994 | 23.026 | 0.219 | 2.33 | 23.221 | 0.293 | 0.086 | 205.112 | 2.181 | 0.086 | 217.256 | 1.862 | 0.086 | 0.124 | 0.0 | 0.086 | 0.121 | 0.0 |
| 14 | 10048 | 10049 | SN | 1 | -34.314 | 18.745 | 0.0 | -34.752 | 18.57 | 0.0 | 1.994 | 23.026 | 0.219 | 2.33 | 23.221 | 0.298 | 0.086 | 205.112 | 2.232 | 0.086 | 221.243 | 1.882 | 0.086 | 0.124 | 0.0 | 0.086 | 0.121 | 0.0 |
| 15 | 10048 | 10049 | NS | 1 | -34.919 | 18.348 | 0.0 | -34.679 | 18.216 | 0.0 | -26.913 | 22.684 | 0.045 | -27.714 | 23.85 | 0.216 | 0.086 | 229.93 | 1.42 | 0.086 | 217.545 | 1.526 | 0.086 | 36.452 | 0.159 | 0.086 | 43.812 | 0.116 |
| 16 | 10049 | 10050 | SN | 1 | -34.431 | 18.79 | 0.0 | -34.716 | 17.166 | 0.0 | 0.95 | 22.894 | 0.67 | 2.997 | 23.781 | 1.939 | 0.086 | 205.49 | 2.676 | 0.087 | 219.473 | 2.501 | 0.086 | 0.136 | 0.0 | 0.086 | 0.116 | 0.0 |
| 17 | 10049 | 10050 | NS | 1 | -34.917 | 16.086 | 0.0 | -33.82 | 15.071 | 0.0 | -15.487 | 23.454 | 0.171 | -11.803 | 23.42 | 0.256 | 0.087 | 229.825 | 2.171 | 0.087 | 178.547 | 2.121 | 0.086 | 2.684 | 0.005 | 0.086 | 1.187 | 0.001 |
| 18 | 10049 | 10050 | SN | 1 | -34.431 | 18.79 | 0.0 | -34.784 | 17.166 | 0.0 | 0.95 | 22.894 | 0.66 | 2.997 | 23.781 | 1.805 | 0.086 | 205.49 | 2.61 | 0.087 | 222.933 | 2.513 | 0.086 | 0.136 | 0.0 | 0.086 | 0.116 | 0.0 |
| 19 | 10050 | 10051 | SN | 1 | -34.793 | 16.471 | 0.0 | -34.71 | 17.204 | 0.0 | 1.031 | 22.969 | 0.189 | 2.873 | 23.179 | 0.581 | 0.087 | 223.352 | 5.116 | 0.087 | 219.11 | 4.4 | 0.086 | 0.135 | 0.0 | 0.086 | 0.117 | 0.0 |
| 20 | 10050 | 10051 | NS | 1 | -34.368 | 16.219 | 0.0 | -34.835 | 16.228 | 0.0 | -16.506 | 23.054 | 0.096 | -21.272 | 23.261 | 0.277 | 0.087 | 202.543 | 1.965 | 0.087 | 225.565 | 1.606 | 0.086 | 3.377 | 0.022 | 0.086 | 9.99 | 0.038 |
| 21 | 10060 | 10061 | NS | 1 | -34.801 | 20.741 | 0.0 | -34.795 | 20.234 | 0.0 | 3.732 | 24.039 | 0.106 | 2.807 | 24.427 | 0.522 | 0.086 | 223.792 | 1.962 | 0.086 | 223.45 | 1.795 | 0.086 | 0.111 | 0.0 | 0.086 | 0.117 | 0.0 |
| 22 | 10060 | 10061 | SN | 1 | -34.472 | 21.375 | 0.0 | -34.871 | 20.981 | 0.0 | -21.919 | 23.413 | 0.144 | -20.009 | 23.867 | 0.146 | 0.086 | 207.47 | 2.615 | 0.086 | 227.384 | 2.274 | 0.086 | 11.584 | 0.024 | 0.086 | 7.486 | 0.018 |
| 23 | 10060 | 10061 | SN | 1 | -34.657 | 21.375 | 0.0 | -34.871 | 20.981 | 0.0 | -21.93 | 23.413 | 0.144 | -19.948 | 23.867 | 0.146 | 0.086 | 216.491 | 2.61 | 0.086 | 227.384 | 2.286 | 0.086 | 11.614 | 0.024 | 0.086 | 7.381 | 0.018 |
| 24 | 10061 | 10062 | NS | 1 | -34.444 | 20.079 | 0.0 | -33.768 | 21.251 | 0.0 | -17.253 | 23.212 | 0.069 | -21.498 | 24.455 | 0.306 | 0.086 | 206.132 | 0.98 | 0.086 | 176.406 | 0.944 | 0.086 | 3.998 | 0.003 | 0.086 | 10.52 | 0.003 |
| 25 | 10061 | 10062 | SN | 1 | -33.956 | 21.838 | 0.0 | -34.8 | 21.562 | 0.0 | -17.734 | 23.809 | 0.134 | -17.427 | 23.31 | 0.159 | 0.086 | 184.238 | 4.196 | 0.086 | 223.72 | 3.608 | 0.086 | 4.46 | 0.014 | 0.086 | 4.158 | 0.007 |
| 26 | 10061 | 10062 | SN | 1 | -34.495 | 21.838 | 0.0 | -34.756 | 21.562 | 0.0 | -17.693 | 23.809 | 0.134 | -17.424 | 23.31 | 0.159 | 0.086 | 208.544 | 4.11 | 0.086 | 221.465 | 3.624 | 0.086 | 4.418 | 0.014 | 0.086 | 4.157 | 0.007 |
| 27 | 10061 | 10062 | SN | 1 | -33.956 | 21.838 | 0.0 | -34.8 | 21.562 | 0.0 | -17.734 | 23.809 | 0.134 | -17.427 | 23.31 | 0.159 | 0.086 | 184.238 | 4.114 | 0.086 | 223.72 | 3.616 | 0.086 | 4.46 | 0.014 | 0.086 | 4.158 | 0.007 |
| 28 | 10062 | 10063 | NS | 1 | -34.829 | 17.687 | 0.0 | -33.755 | 18.034 | 0.0 | -5.629 | 22.806 | 0.017 | -32.4 | 23.652 | 0.227 | 0.086 | 225.221 | 1.318 | 0.086 | 175.883 | 0.876 | 0.086 | 0.339 | 0.0 | 0.086 | 128.754 | 0.013 |
| 29 | 10062 | 10063 | SN | 1 | -34.929 | 17.84 | 0.0 | -34.422 | 18.106 | 0.0 | 1.804 | 23.026 | 0.318 | 3.268 | 23.547 | 0.17 | 0.086 | 230.502 | 1.765 | 0.086 | 205.101 | 1.543 | 0.086 | 0.126 | 0.0 | 0.086 | 0.114 | 0.0 |
| 30 | 10062 | 10063 | SN | 1 | -34.929 | 17.84 | 0.0 | -34.422 | 18.106 | 0.0 | 1.804 | 23.026 | 0.318 | 3.268 | 23.547 | 0.17 | 0.086 | 230.502 | 1.729 | 0.086 | 205.101 | 1.566 | 0.086 | 0.126 | 0.0 | 0.086 | 0.114 | 0.0 |
| 31 | 10063 | 10064 | SN | 1 | -34.629 | 17.743 | 0.0 | -33.87 | 17.744 | 0.0 | 1.697 | 23.64 | 0.713 | 2.496 | 23.317 | 1.169 | 0.086 | 215.088 | 2.863 | 0.086 | 180.595 | 2.59 | 0.086 | 0.127 | 0.0 | 0.086 | 0.12 | 0.0 |
| 32 | 10063 | 10064 | SN | 1 | -34.629 | 17.743 | 0.0 | -33.706 | 17.744 | 0.0 | 1.697 | 23.64 | 0.714 | 2.496 | 23.317 | 1.214 | 0.086 | 215.088 | 2.848 | 0.086 | 173.901 | 2.624 | 0.086 | 0.127 | 0.0 | 0.086 | 0.12 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 33 | 10063 | 10064 | NS | 1 | -34.85 | 17.687 | 0.0 | -34.742 | 19.188 | 0.0 | -16.036 | 23.14 | 0.076 | -17.25 | 23.595 | 0.181 | 0.086 | 226.332 | 1.998 | 0.086 | 220.801 | 1.877 | 0.086 | 3.037 | 0.016 | 0.086 | 3.996 | 0.03 |
| 34 | 10064 | 10065 | NS | 1 | -34.035 | 16.626 | 0.0 | -34.671 | 15.415 | 0.0 | -22.793 | 23.273 | 0.059 | -22.704 | 23.337 | 0.154 | 0.087 | 187.61 | 2.58 | 0.087 | 217.186 | 2.648 | 0.086 | 14.152 | 0.032 | 0.086 | 13.866 | 0.03 |
| 35 | 10064 | 10065 | SN | 1 | -34.818 | 17.088 | 0.0 | -34.94 | 17.427 | 0.0 | 0.834 | 22.99 | 0.305 | 2.533 | 23.303 | 1.086 | 0.087 | 224.691 | 2.552 | 0.087 | 231.058 | 2.685 | 0.086 | 0.137 | 0.0 | 0.086 | 0.12 | 0.0 |
| 36 | 10064 | 10065 | SN | 1 | -34.818 | 17.088 | 0.0 | -34.94 | 17.427 | 0.0 | 0.834 | 22.99 | 0.292 | 2.533 | 23.303 | 1.026 | 0.087 | 224.691 | 2.539 | 0.087 | 231.058 | 2.615 | 0.086 | 0.137 | 0.0 | 0.086 | 0.12 | 0.0 |
| 37 | 10065 | 10066 | SN | 1 | -34.165 | 16.467 | 0.0 | -34.888 | 16.954 | 0.0 | 1.286 | 26.199 | 0.187 | 4.47 | 22.568 | 0.07 | 0.087 | 193.285 | 3.304 | 0.087 | 228.319 | 3.423 | 0.086 | 0.132 | 0.0 | 0.086 | 0.107 | 0.0 |
| 38 | 10065 | 10066 | NS | 1 | -33.495 | 22.108 | 0.001 | -33.611 | 21.935 | 0.0 | -23.653 | 23.071 | 0.099 | -27.594 | 23.996 | 0.49 | 0.086 | 165.693 | 1.655 | 0.086 | 170.178 | 1.54 | 0.086 | 17.24 | 0.145 | 0.086 | 42.617 | 0.09 |
| 39 | 10067 | 10068 | SN | 1 | -33.248 | 19.196 | 0.0 | -33.228 | 18.481 | 0.0 | -12.484 | 23.857 | 0.808 | -18.968 | 24.557 | 1.263 | 0.086 | 156.494 | 1.33 | 0.086 | 155.817 | 1.58 | 0.086 | 1.377 | 0.002 | 0.086 | 5.902 | 0.003 |
| 40 | 10067 | 10068 | NS | 1 | -34.858 | 17.89 | 0.0 | -34.762 | 18.889 | 0.0 | 2.118 | 23.202 | 0.133 | -1.681 | 24.112 | 1.031 | 0.086 | 226.713 | 4.731 | 0.086 | 221.828 | 4.793 | 0.086 | 0.123 | 0.0 | 0.086 | 0.182 | 0.0 |

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