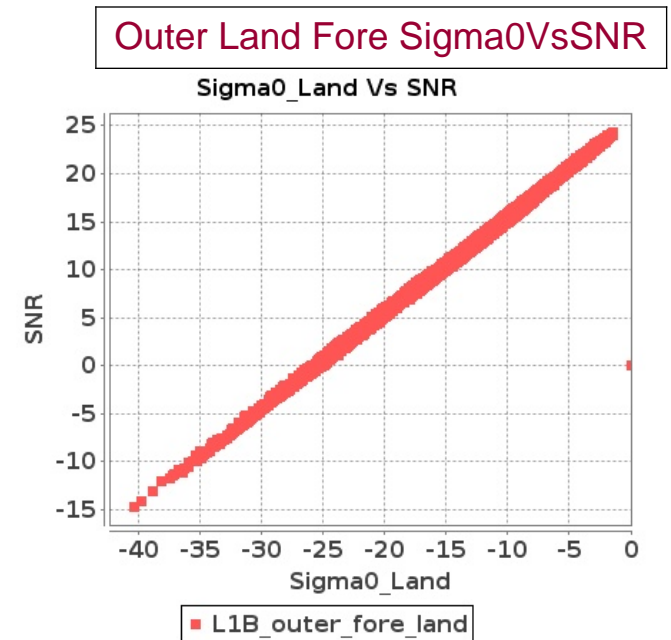
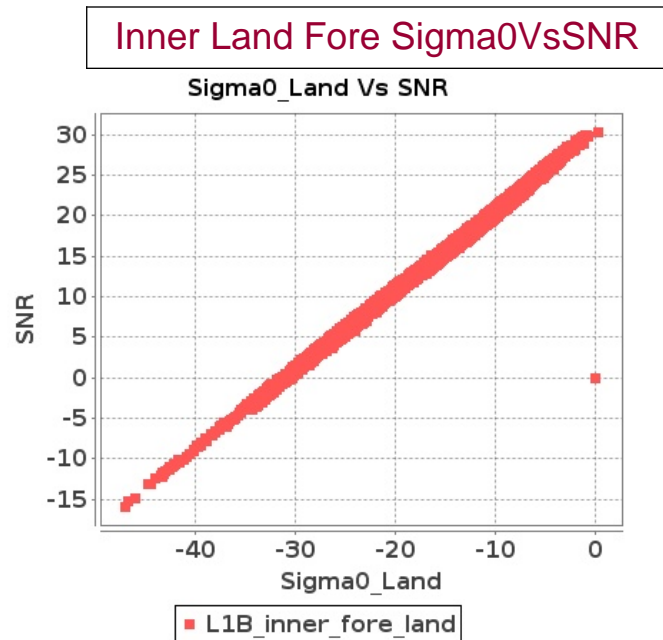
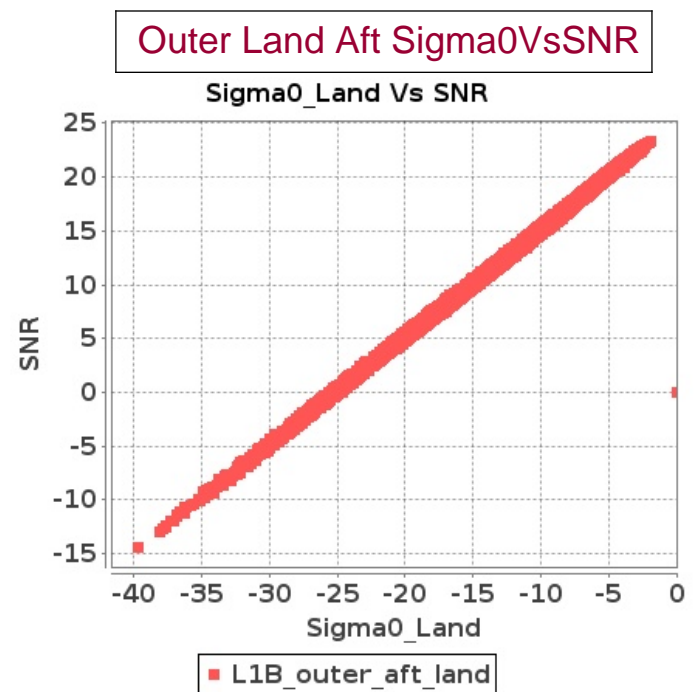
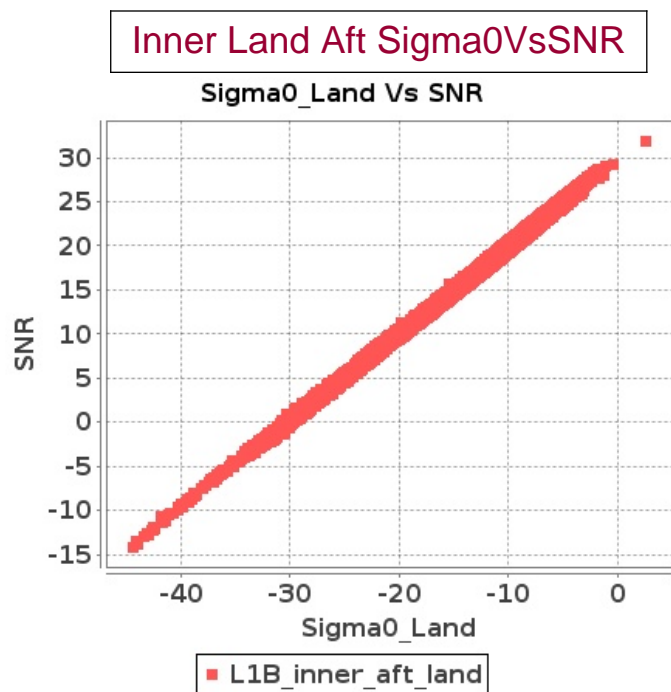
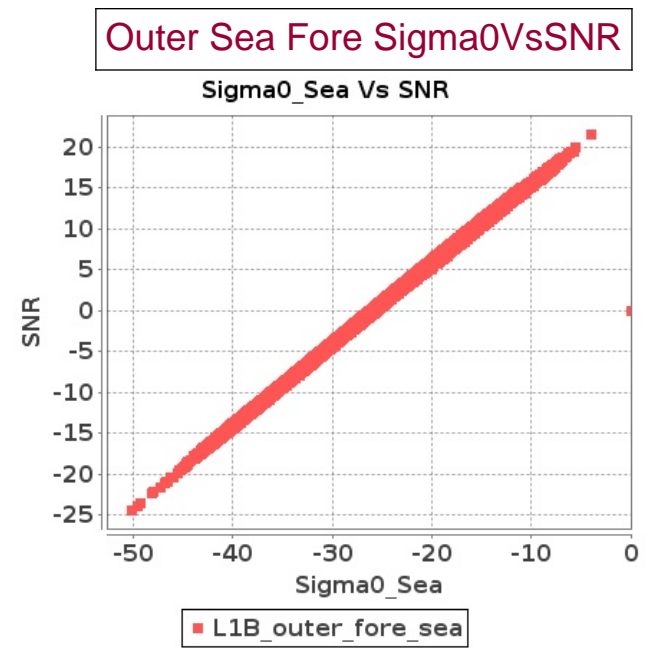
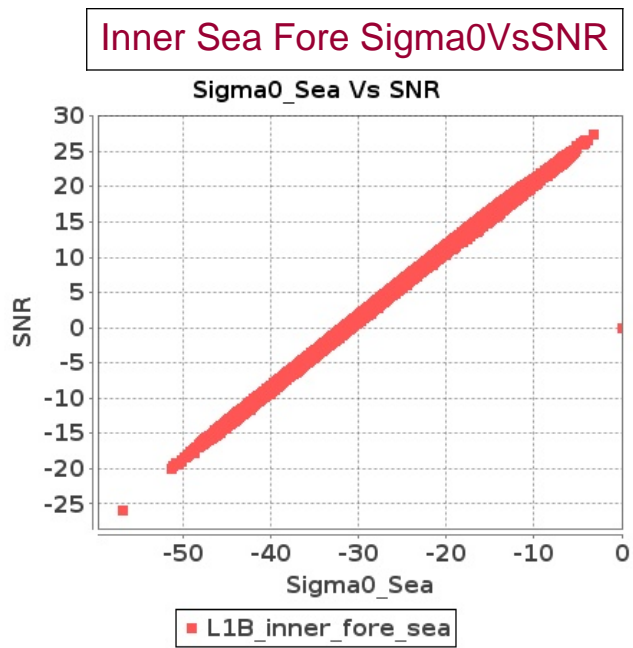
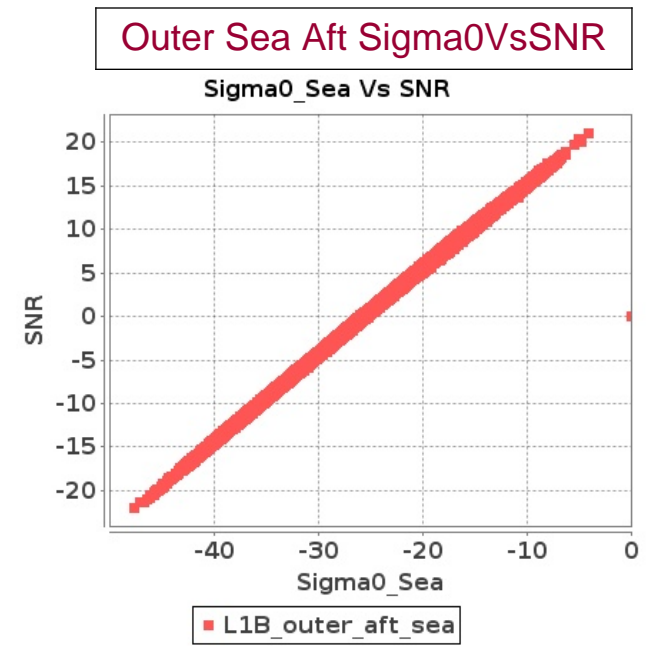
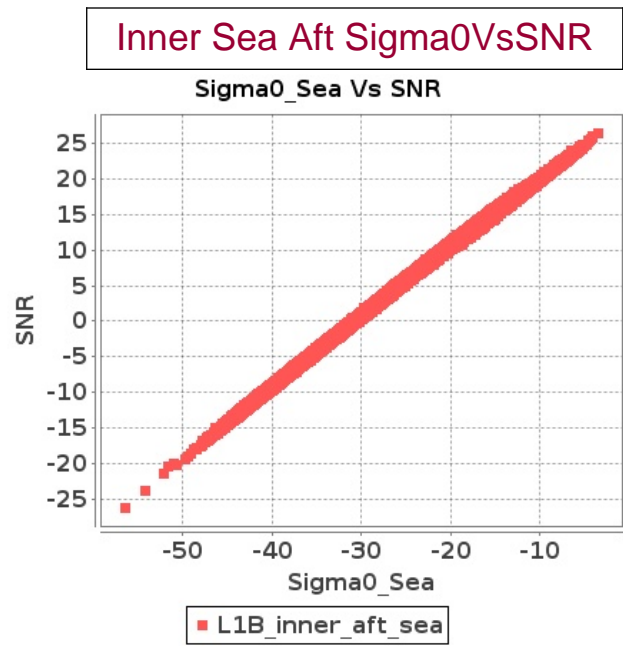
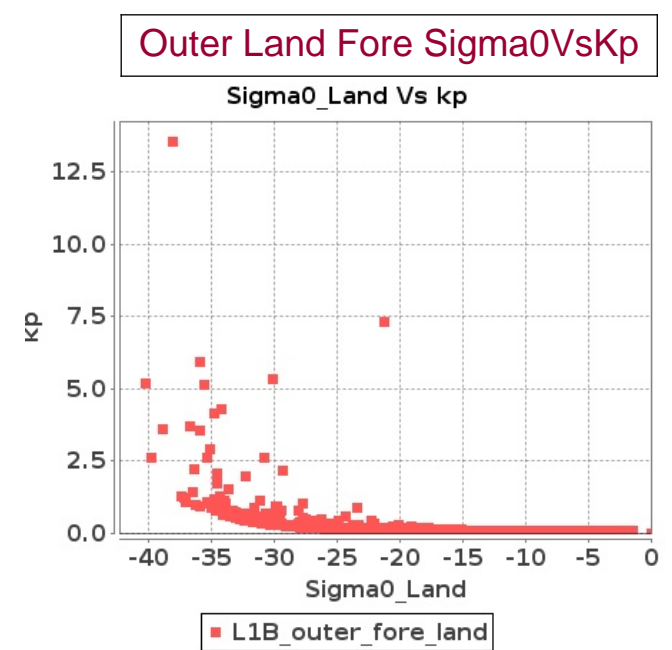
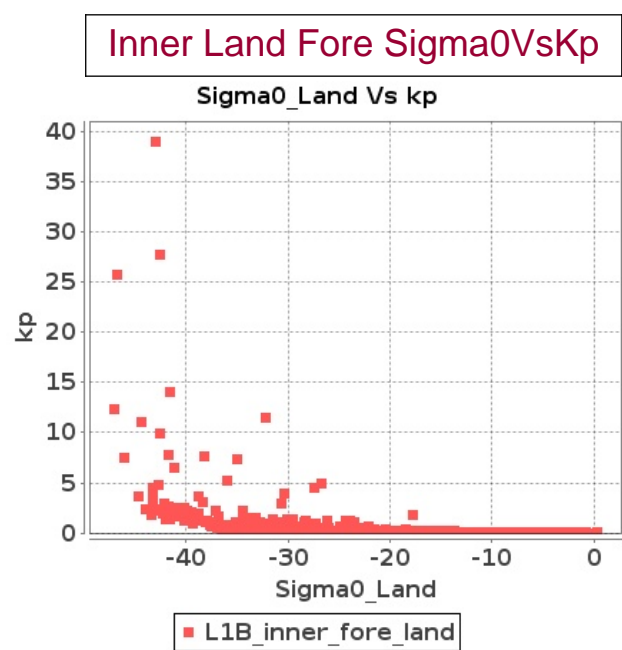
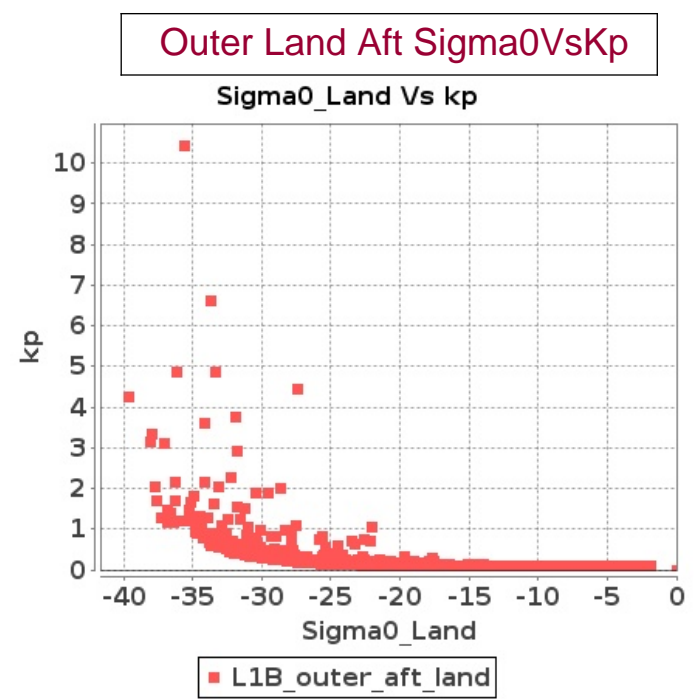
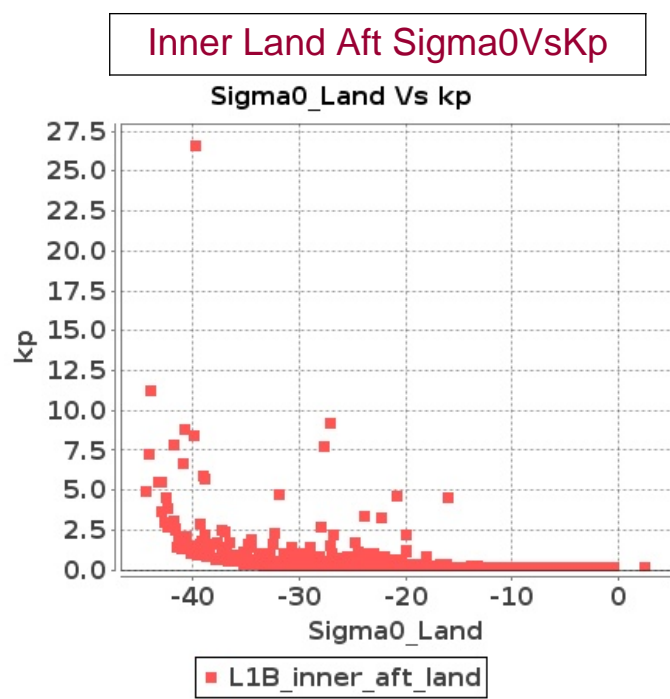
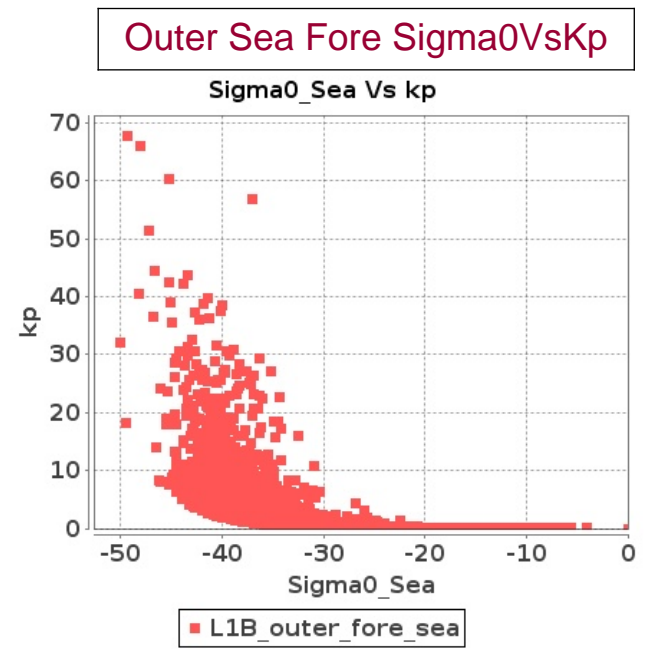
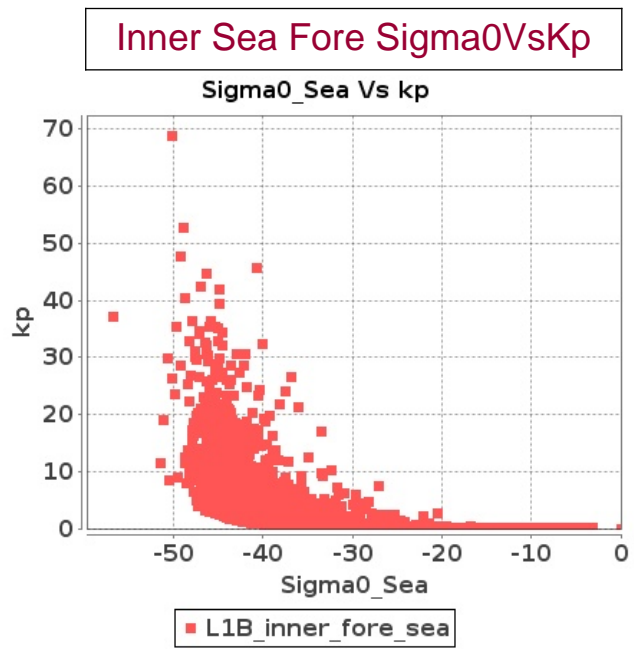
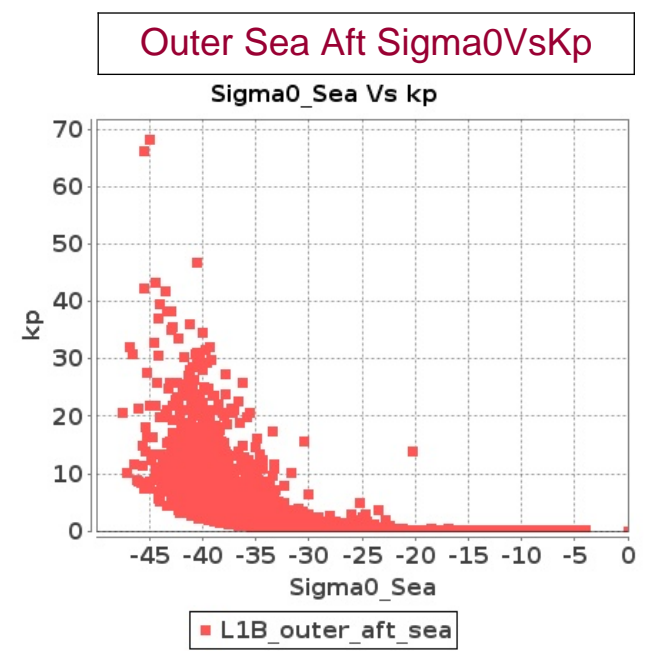
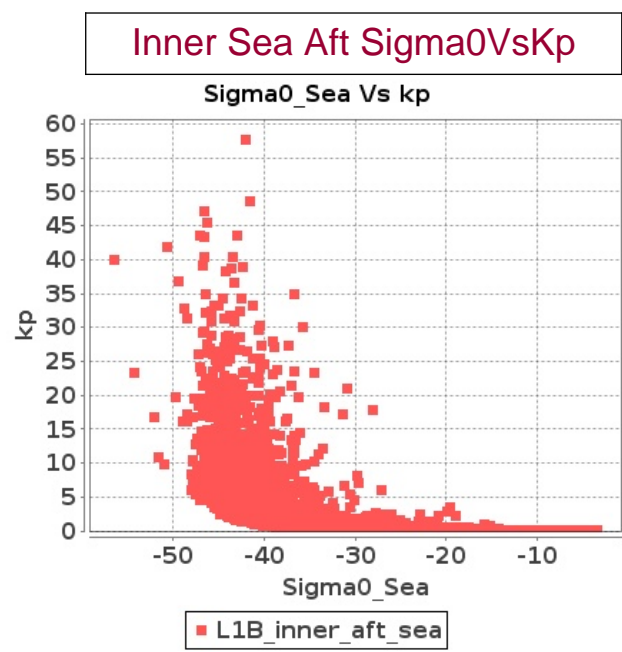


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 01-SEP-2018 To 02-SEP-2018





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

Report between 01-SEP-2018 To 02-SEP-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 | 10219 | 10220 | SN | 1 | 48.87 | 49.408 | 0.0 | 0.0 | 61.448 | 2.747 | 1053.208 | 1072.512 | 0.0 | -91.741 | -90.051 | 0.0 |
| 2 | 10219 | 10220 | SN | 1 | 48.87 | 49.408 | 0.0 | 0.0 | 61.448 | 2.745 | 1053.208 | 1072.512 | 0.0 | -91.63 | -90.051 | 0.0 |
| 3 | 10219 | 10220 | SN | 1 | 48.87 | 49.408 | 0.0 | 0.003 | 213.155 | 1.976 | 1053.208 | 1072.512 | 0.0 | -91.636 | -90.051 | 0.0 |
| 4 | 10220 | 10221 | NS | 1 | 48.711 | 49.308 | 0.0 | 0.0 | 31.502 | 2.723 | 1022.512 | 1068.368 | 6.339 | -91.407 | -89.754 | 0.0 |
| 5 | 10220 | 10221 | SN | 2 | 48.811 | 49.438 | 0.0 | 0.003 | 6.066 | 2.607 | 1051.904 | 1072.528 | 0.0 | -92.08 | -90.052 | 0.0 |
| 6 | 10220 | 10221 | SN | 1 | 48.811 | 49.438 | 0.0 | 0.003 | 6.066 | 2.607 | 1051.904 | 1072.528 | 0.0 | -92.08 | -90.052 | 0.0 |
| 7 | 10220 | 10221 | NS | 1 | 48.711 | 49.308 | 0.0 | 0.0 | 31.502 | 2.709 | 1022.512 | 1068.368 | 6.346 | -91.407 | -89.754 | 0.0 |
| 8 | 10221 | 10222 | SN | 1 | 48.816 | 49.461 | 0.0 | 0.003 | 6.066 | 2.512 | 1052.88 | 1072.672 | 0.0 | -91.668 | -90.067 | 0.0 |
| 9 | 10221 | 10222 | NS | 1 | 48.715 | 49.307 | 0.0 | 0.0 | 265.172 | 2.667 | 1022.32 | 1068.352 | 6.216 | -91.593 | -89.759 | 0.0 |
| 10 | 10221 | 10222 | NS | 1 | 48.715 | 49.307 | 0.0 | 0.0 | 265.172 | 2.664 | 1022.32 | 1068.352 | 6.21 | -91.593 | -89.759 | 0.0 |
| 11 | 10221 | 10222 | SN | 2 | 48.817 | 49.46 | 0.0 | 0.003 | 6.066 | 2.367 | 1052.888 | 1072.656 | 0.0 | -91.668 | -90.067 | 0.0 |
| 12 | 10221 | 10222 | SN | 1 | 48.816 | 49.461 | 0.0 | 0.003 | 6.066 | 2.366 | 1052.88 | 1072.672 | 0.0 | -91.668 | -90.067 | 0.0 |
| 13 | 10222 | 10223 | SN | 2 | 48.871 | 49.414 | 0.0 | 0.003 | 214.28 | 2.529 | 1052.808 | 1072.608 | 0.0 | -91.666 | -90.064 | 0.0 |
| 14 | 10222 | 10223 | SN | 1 | 48.871 | 49.414 | 0.0 | 0.003 | 214.28 | 2.304 | 1052.808 | 1072.608 | 0.0 | -91.666 | -90.064 | 0.0 |
| 15 | 10222 | 10223 | NS | 1 | 48.714 | 49.306 | 0.0 | 0.003 | 267.549 | 2.581 | 1022.648 | 1068.216 | 5.894 | -91.333 | -89.771 | 0.0 |
| 16 | 10222 | 10223 | NS | 1 | 48.716 | 49.306 | 0.0 | 0.003 | 267.549 | 2.584 | 1022.4 | 1068.216 | 5.901 | -91.333 | -89.771 | 0.0 |
| 17 | 10222 | 10223 | SN | 1 | 48.871 | 49.414 | 0.0 | 0.003 | 214.28 | 2.529 | 1052.808 | 1072.608 | 0.0 | -91.666 | -90.064 | 0.0 |
| 18 | 10223 | 10224 | NS | 1 | 48.715 | 49.307 | 0.0 | 0.003 | 267.279 | 2.643 | 1023.368 | 1068.16 | 6.137 | -91.603 | -89.728 | 0.0 |
| 19 | 10223 | 10224 | SN | 1 | 48.82 | 49.459 | 0.0 | 0.003 | 6.05 | 2.513 | 1052.672 | 1072.56 | 0.0 | -91.66 | -90.065 | 0.0 |
| 20 | 10223 | 10224 | SN | 2 | 48.818 | 49.461 | 0.0 | 0.003 | 6.05 | 2.515 | 1052.648 | 1072.6 | 0.0 | -91.661 | -90.064 | 0.0 |
| 21 | 10223 | 10224 | NS | 1 | 48.707 | 49.306 | 0.0 | 0.003 | 267.279 | 2.64 | 1023.368 | 1068.16 | 6.131 | -91.603 | -89.728 | 0.0 |
| 22 | 10224 | 10225 | SN | 1 | 48.845 | 49.44 | 0.0 | 0.003 | 214.66 | 2.459 | 1051.968 | 1072.568 | 0.0 | -91.655 | -90.066 | 0.0 |
| 23 | 10224 | 10225 | SN | 2 | 48.845 | 49.44 | 0.0 | 0.003 | 214.66 | 2.518 | 1051.968 | 1072.568 | 0.0 | -91.655 | -90.066 | 0.0 |
| 24 | 10224 | 10225 | NS | 1 | 48.662 | 49.305 | 0.0 | 0.003 | 266.634 | 2.696 | 1022.832 | 1068.136 | 6.286 | -91.684 | -89.77 | 0.0 |
| 25 | 10224 | 10225 | SN | 1 | 48.843 | 49.442 | 0.0 | 0.003 | 214.66 | 2.52 | 1051.976 | 1072.592 | 0.0 | -91.655 | -90.066 | 0.0 |
| 26 | 10224 | 10225 | NS | 1 | 48.662 | 49.305 | 0.0 | 0.003 | 266.634 | 2.693 | 1022.832 | 1068.136 | 6.28 | -91.684 | -89.77 | 0.0 |
| 27 | 10225 | 10226 | NS | 1 | 48.7 | 49.369 | 0.0 | 0.003 | 264.963 | 2.581 | 1022.496 | 1068.144 | 7.058 | -91.548 | -89.769 | 0.0 |
| 28 | 10225 | 10226 | SN | 1 | 48.819 | 49.408 | 0.0 | 0.003 | 6.033 | 2.569 | 1052.128 | 1072.616 | 0.0 | -91.621 | -90.058 | 0.0 |
| 29 | 10225 | 10226 | SN | 1 | 48.819 | 49.408 | 0.0 | 0.003 | 6.028 | 2.19 | 1052.128 | 1072.616 | 0.0 | -91.621 | -90.058 | 0.0 |
| 30 | 10225 | 10226 | NS | 2 | 48.7 | 49.369 | 0.0 | 0.003 | 264.963 | 2.58 | 1022.496 | 1068.144 | 7.057 | -91.571 | -89.769 | 0.0 |
| 31 | 10225 | 10226 | SN | 1 | 48.819 | 49.409 | 0.0 | 0.003 | 6.033 | 2.568 | 1052.168 | 1072.64 | 0.0 | -92.042 | -90.058 | 0.0 |
| 32 | 10226 | 10227 | SN | 1 | 48.874 | 49.41 | 0.0 | 0.003 | 6.05 | 2.653 | 1052.904 | 1072.88 | 0.0 | -91.606 | -90.059 | 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 | 10226 | 10227 | NS | 1 | 48.656 | 49.312 | 0.0 | 0.0 | 263.882 | 2.743 | 1022.912 | 1068.32 | 8.085 | -91.575 | -89.766 | 0.0 |
| 34 | 10226 | 10227 | SN | 1 | 48.874 | 49.41 | 0.0 | 0.003 | 6.039 | 1.732 | 1052.904 | 1072.88 | 0.0 | -91.606 | -90.059 | 0.0 |
| 35 | 10226 | 10227 | SN | 1 | 48.874 | 49.41 | 0.0 | 0.003 | 6.05 | 2.649 | 1052.792 | 1072.88 | 0.0 | -91.603 | -90.059 | 0.0 |
| 36 | 10227 | 10228 | NS | 1 | 48.664 | 49.33 | 0.0 | 0.003 | 264.163 | 2.645 | 1022.84 | 1068.424 | 8.332 | -91.56 | -89.72 | 0.0 |
| 37 | 10227 | 10228 | SN | 1 | 48.821 | 49.413 | 0.0 | 0.003 | 31.058 | 2.561 | 1052.968 | 1073.024 | 0.0 | -91.676 | -90.049 | 0.0 |
| 38 | 10227 | 10228 | SN | 2 | 48.822 | 49.412 | 0.0 | 0.003 | 212.427 | 2.559 | 1052.968 | 1073.024 | 0.0 | -91.676 | -90.049 | 0.0 |
| 39 | 10227 | 10228 | NS | 1 | 48.668 | 49.328 | 0.0 | 0.003 | 267.582 | 2.655 | 1022.896 | 1068.376 | 8.282 | -91.562 | -89.72 | 0.0 |
| 40 | 10228 | 10229 | SN | 1 | 48.838 | 49.412 | 0.0 | 0.003 | 6.072 | 2.528 | 1052.504 | 1073.048 | 0.0 | -91.709 | -90.072 | 0.0 |
| 41 | 10228 | 10229 | NS | 1 | 48.699 | 49.336 | 0.0 | 0.003 | 41.189 | 2.727 | 1022.664 | 1068.36 | 8.421 | -91.614 | -89.761 | 0.0 |
| 42 | 10228 | 10229 | NS | 1 | 48.699 | 49.336 | 0.0 | 0.003 | 41.189 | 2.725 | 1022.664 | 1068.352 | 8.398 | -91.614 | -89.761 | 0.0 |
| 43 | 10229 | 10230 | SN | 1 | 48.816 | 49.445 | 0.0 | 0.003 | 175.68 | 2.612 | 1053.264 | 1073.056 | 0.0 | -92.077 | -90.062 | 0.0 |
| 44 | 10229 | 10230 | NS | 1 | 48.685 | 49.304 | 0.0 | 0.0 | 265.112 | 2.793 | 1021.784 | 1068.36 | 8.834 | -91.522 | -89.764 | 0.0 |
| 45 | 10230 | 10231 | NS | 1 | 48.676 | 49.315 | 0.0 | 0.0 | 206.3 | 2.574 | 1022.552 | 1067.816 | 9.424 | -91.543 | -89.764 | 0.0 |
| 46 | 10234 | 10235 | SN | 1 | 48.879 | 49.414 | 0.0 | 0.003 | 6.078 | 2.419 | 1053.832 | 1073.48 | 0.0 | -91.654 | -90.026 | 0.0 |
| 47 | 10234 | 10235 | NS | 1 | 48.651 | 49.301 | 0.0 | 0.003 | 210.155 | 2.673 | 1021.32 | 1068.656 | 8.908 | -91.596 | -89.756 | 0.0 |
| 48 | 10234 | 10235 | NS | 1 | 48.651 | 49.301 | 0.0 | 0.003 | 210.155 | 2.675 | 1021.32 | 1068.656 | 8.916 | -91.596 | -89.756 | 0.0 |
| 49 | 10234 | 10235 | SN | 2 | 48.879 | 49.414 | 0.0 | 0.003 | 6.078 | 2.72 | 1053.832 | 1073.48 | 0.0 | -91.553 | -90.026 | 0.0 |
| 50 | 10234 | 10235 | SN | 1 | 48.879 | 49.414 | 0.0 | 0.003 | 6.078 | 2.72 | 1053.832 | 1073.48 | 0.0 | -91.553 | -90.026 | 0.0 |
| 51 | 10235 | 10236 | SN | 2 | 48.816 | 49.415 | 0.0 | 0.003 | 6.078 | 2.389 | 1053.656 | 1073.64 | 0.0 | -91.695 | -90.075 | 0.0 |
| 52 | 10235 | 10236 | NS | 1 | 48.708 | 49.308 | 0.0 | 0.0 | 210.816 | 2.663 | 1021.752 | 1068.92 | 8.968 | -91.468 | -89.763 | 0.0 |
| 53 | 10235 | 10236 | SN | 1 | 48.818 | 49.418 | 0.0 | 0.003 | 6.083 | 2.389 | 1053.664 | 1073.632 | 0.0 | -91.821 | -90.075 | 0.0 |
| 54 | 10235 | 10236 | SN | 1 | 48.818 | 49.418 | 0.0 | 0.003 | 6.083 | 2.535 | 1053.664 | 1073.632 | 0.0 | -91.821 | -90.075 | 0.0 |
| 55 | 10235 | 10236 | NS | 1 | 48.708 | 49.308 | 0.0 | 0.0 | 210.816 | 2.661 | 1021.752 | 1068.92 | 8.96 | -91.397 | -89.763 | 0.0 |
| 56 | 10236 | 10237 | SN | 1 | 48.844 | 49.415 | 0.0 | 0.003 | 277.956 | 2.327 | 1052.888 | 1073.688 | 0.0 | -91.709 | -90.075 | 0.0 |
| 57 | 10236 | 10237 | SN | 2 | 48.844 | 49.415 | 0.0 | 0.003 | 277.956 | 2.511 | 1052.888 | 1073.688 | 0.0 | -91.709 | -90.075 | 0.0 |
| 58 | 10236 | 10237 | NS | 1 | 48.676 | 49.3 | 0.0 | 0.003 | 17.086 | 2.597 | 1021.592 | 1069.064 | 8.88 | -91.538 | -89.764 | 0.0 |
| 59 | 10236 | 10237 | NS | 1 | 48.664 | 49.3 | 0.0 | 0.003 | 17.086 | 2.595 | 1021.592 | 1069.064 | 8.869 | -91.782 | -89.764 | 0.0 |
| 60 | 10236 | 10237 | SN | 1 | 48.844 | 49.415 | 0.0 | 0.003 | 277.956 | 2.511 | 1052.888 | 1073.688 | 0.0 | -91.709 | -90.075 | 0.0 |
| 61 | 10237 | 10238 | SN | 2 | 48.866 | 49.414 | 0.0 | 0.003 | 6.066 | 2.538 | 1052.448 | 1073.608 | 0.0 | -91.656 | -90.071 | 0.0 |
| 62 | 10237 | 10238 | NS | 1 | 48.694 | 49.299 | 0.0 | 0.003 | 265.001 | 2.64 | 1021.84 | 1069.016 | 8.681 | -91.938 | -89.756 | 0.0 |
| 63 | 10237 | 10238 | NS | 1 | 48.709 | 49.357 | 0.0 | 0.003 | 265.001 | 2.642 | 1022.464 | 1069.016 | 8.69 | -91.476 | -89.756 | 0.0 |
| 64 | 10237 | 10238 | SN | 1 | 48.867 | 49.414 | 0.0 | 0.003 | 6.072 | 2.538 | 1052.672 | 1073.6 | 0.0 | -91.656 | -90.071 | 0.0 |
| 65 | 10238 | 10239 | NS | 1 | 48.682 | 49.335 | 0.0 | 0.003 | 264.091 | 2.633 | 1022.576 | 1069.016 | 9.357 | -91.511 | -89.756 | 0.0 |
| 66 | 10238 | 10239 | NS | 2 | 48.682 | 49.335 | 0.0 | 0.003 | 264.091 | 2.633 | 1022.576 | 1069.016 | 9.357 | -91.511 | -89.756 | 0.0 |
| 67 | 10238 | 10239 | SN | 2 | 48.861 | 49.413 | 0.0 | 0.003 | 29.571 | 2.501 | 1052.712 | 1073.608 | 0.0 | -91.688 | -90.074 | 0.0 |
| 68 | 10238 | 10239 | SN | 1 | 48.86 | 49.414 | 0.0 | 0.003 | 280.956 | 2.038 | 1052.936 | 1073.624 | 0.0 | -91.678 | -90.074 | 0.0 |
| 69 | 10238 | 10239 | SN | 1 | 48.86 | 49.414 | 0.0 | 0.003 | 280.956 | 2.501 | 1052.936 | 1073.624 | 0.0 | -91.702 | -90.074 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 70 | 10239 | 10240 | SN | 1 | 48.826 | 49.466 | 0.0 | 0.003 | 6.044 | 2.531 | 1052.624 | 1073.592 | 0.0 | -91.685 | -90.074 | 0.0 |
| 71 | 10239 | 10240 | SN | 1 | 48.826 | 49.466 | 0.0 | 0.003 | 6.044 | 2.533 | 1052.936 | 1073.592 | 0.0 | -92.116 | -90.074 | 0.0 |
| 72 | 10239 | 10240 | SN | 1 | 48.826 | 49.466 | 0.0 | 0.003 | 6.044 | 1.844 | 1052.936 | 1073.592 | 0.0 | -92.116 | -90.074 | 0.0 |
| 73 | 10239 | 10240 | NS | 1 | 48.674 | 49.298 | 0.0 | 0.0 | 206.697 | 2.738 | 1021.872 | 1068.96 | 9.726 | -91.619 | -89.764 | 0.0 |
| 74 | 10239 | 10240 | NS | 2 | 48.674 | 49.298 | 0.0 | 0.0 | 206.697 | 2.738 | 1021.872 | 1068.96 | 9.725 | -91.619 | -89.764 | 0.0 |
| 75 | 10240 | 10241 | NS | 2 | 48.65 | 49.299 | 0.0 | 0.003 | 210.215 | 2.646 | 1022.264 | 1069.056 | 10.952 | -91.556 | -89.761 | 0.0 |
| 76 | 10240 | 10241 | SN | 1 | 48.825 | 49.416 | 0.0 | 0.003 | 6.05 | 2.636 | 1053.136 | 1073.76 | 0.0 | -91.693 | -90.043 | 0.0 |
| 77 | 10240 | 10241 | SN | 1 | 48.828 | 49.413 | 0.0 | 0.003 | 6.05 | 2.633 | 1053.144 | 1073.72 | 0.0 | -91.692 | -90.043 | 0.0 |
| 78 | 10240 | 10241 | SN | 1 | 48.825 | 49.416 | 0.0 | 0.003 | 6.05 | 1.626 | 1053.136 | 1073.76 | 0.0 | -91.693 | -90.043 | 0.0 |
| 79 | 10240 | 10241 | NS | 1 | 48.65 | 49.3 | 0.0 | 0.003 | 210.215 | 2.646 | 1022.264 | 1069.056 | 10.952 | -91.584 | -89.761 | 0.0 |
| 80 | 10241 | 10242 | SN | 1 | 48.833 | 49.417 | 0.0 | 0.003 | 6.083 | 1.522 | 1053.392 | 1073.992 | 0.0 | -91.579 | -90.063 | 0.0 |
| 81 | 10241 | 10242 | SN | 1 | 48.833 | 49.417 | 0.0 | 0.003 | 6.083 | 2.59 | 1053.392 | 1073.992 | 0.0 | -91.671 | -90.063 | 0.0 |
| 82 | 10241 | 10242 | SN | 2 | 48.833 | 49.417 | 0.0 | 0.003 | 6.083 | 2.59 | 1053.392 | 1073.992 | 0.0 | -91.671 | -90.063 | 0.0 |
| 83 | 10241 | 10242 | NS | 1 | 48.653 | 49.338 | 0.0 | 0.003 | 266.733 | 2.614 | 1022.008 | 1069.16 | 11.771 | -91.666 | -89.757 | 0.0 |
| 84 | 10241 | 10242 | NS | 1 | 48.656 | 49.336 | 0.0 | 0.003 | 206.972 | 2.609 | 1022.016 | 1069.112 | 11.868 | -91.666 | -89.757 | 0.0 |
| 85 | 10242 | 10243 | SN | 2 | 48.832 | 49.417 | 0.0 | 0.003 | 6.089 | 2.518 | 1053.44 | 1074.056 | 0.0 | -91.653 | -90.065 | 0.0 |
| 86 | 10242 | 10243 | SN | 1 | 48.832 | 49.417 | 0.0 | 0.003 | 6.089 | 2.518 | 1053.44 | 1074.056 | 0.0 | -91.653 | -90.065 | 0.0 |
| 87 | 10242 | 10243 | NS | 1 | 48.658 | 49.332 | 0.0 | 0.0 | 214.385 | 2.875 | 1021.496 | 1069.224 | 11.56 | -91.554 | -89.742 | 0.0 |
| 88 | 10242 | 10243 | NS | 1 | 48.658 | 49.332 | 0.0 | 0.0 | 214.385 | 2.873 | 1021.496 | 1069.224 | 11.548 | -91.554 | -89.742 | 0.0 |
| 89 | 10243 | 10244 | SN | 1 | 48.823 | 49.418 | 0.0 | 0.0 | 228.895 | 2.583 | 1053.768 | 1074.024 | 0.0 | -91.653 | -90.08 | 0.0 |
| 90 | 10243 | 10244 | NS | 1 | 48.678 | 49.301 | 0.0 | 0.003 | 16.556 | 2.715 | 1021.744 | 1069.128 | 12.317 | -91.67 | -89.759 | 0.0 |
| 91 | 10243 | 10244 | NS | 1 | 48.678 | 49.301 | 0.0 | 0.003 | 16.556 | 2.718 | 1021.744 | 1069.128 | 12.33 | -91.67 | -89.759 | 0.0 |
| 92 | 10244 | 10245 | NS | 1 | 48.679 | 49.296 | 0.0 | 0.003 | 42.59 | 2.699 | 1022.12 | 1069.272 | 12.706 | -91.589 | -89.759 | 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 | 10219 | 10220 | SN | 1 | -33.874 | 25.278 | 1.667 | -34.597 | 26.511 | 7.839 | -18.706 | 28.566 | 11.724 | -13.135 | 30.851 | 14.538 | 0.116 | 236.563 | 4.019 | 0.116 | 279.3 | 2.874 | 0.116 | 7.283 | 0.015 | 0.116 | 2.085 | 0.005 |
| 2 | 10219 | 10220 | SN | 1 | -34.023 | 25.277 | 1.671 | -34.657 | 26.511 | 7.831 | -18.57 | 28.566 | 11.722 | -13.135 | 30.851 | 14.533 | 0.116 | 244.742 | 4.019 | 0.116 | 283.243 | 2.87 | 0.116 | 7.06 | 0.015 | 0.116 | 2.085 | 0.005 |
| 3 | 10219 | 10220 | SN | 1 | -33.874 | 24.449 | 0.145 | -34.399 | 26.42 | 3.65 | -18.706 | 28.566 | 11.604 | -13.135 | 30.851 | 14.538 | 0.116 | 236.563 | 4.143 | 0.116 | 266.903 | 3.093 | 0.116 | 7.283 | 0.015 | 0.116 | 2.085 | 0.005 |
| 4 | 10220 | 10221 | NS | 1 | -32.731 | 26.05 | 4.332 | -34.475 | 27.47 | 1.127 | -34.821 | 34.721 | 19.815 | -14.526 | 36.383 | 34.701 | 0.116 | 181.818 | 2.45 | 0.116 | 271.554 | 2.402 | 0.116 | 294.195 | 0.017 | 0.116 | 2.838 | 0.014 |
| 5 | 10220 | 10221 | SN | 2 | -34.153 | 26.106 | 2.722 | -33.729 | 27.221 | 7.057 | -14.339 | 29.774 | 11.98 | -13.013 | 29.862 | 8.463 | 0.116 | 252.211 | 2.675 | 0.116 | 228.784 | 2.214 | 0.116 | 2.722 | 0.005 | 0.116 | 2.029 | 0.006 |
| 6 | 10220 | 10221 | SN | 1 | -34.153 | 26.106 | 2.722 | -33.729 | 27.221 | 7.057 | -14.339 | 29.774 | 11.98 | -13.013 | 29.862 | 8.463 | 0.116 | 252.211 | 2.675 | 0.116 | 228.784 | 2.214 | 0.116 | 2.722 | 0.005 | 0.116 | 2.029 | 0.006 |
| 7 | 10220 | 10221 | NS | 1 | -32.731 | 26.05 | 4.332 | -34.475 | 27.47 | 1.127 | -34.821 | 34.721 | 19.739 | -14.526 | 36.383 | 34.611 | 0.116 | 181.818 | 2.45 | 0.116 | 271.554 | 2.402 | 0.116 | 294.195 | 0.017 | 0.116 | 2.838 | 0.014 |
| 8 | 10221 | 10222 | SN | 1 | -34.711 | 25.804 | 2.249 | -34.724 | 26.394 | 5.254 | 4.745 | 28.467 | 13.123 | 5.848 | 29.684 | 7.116 | 0.116 | 286.838 | 1.409 | 0.116 | 287.643 | 1.172 | 0.116 | 0.142 | 0.0 | 0.116 | 0.136 | 0.0 |
| 9 | 10221 | 10222 | NS | 1 | -34.501 | 25.557 | 3.277 | -34.083 | 24.966 | 0.311 | -2.975 | 29.63 | 15.241 | -6.537 | 30.154 | 25.486 | 0.116 | 273.238 | 3.514 | 0.116 | 248.16 | 3.129 | 0.116 | 0.291 | 0.0 | 0.116 | 0.531 | 0.0 |
| 10 | 10221 | 10222 | NS | 1 | -34.83 | 25.557 | 3.271 | -34.083 | 24.966 | 0.311 | -2.975 | 29.628 | 15.239 | -6.537 | 30.156 | 25.486 | 0.116 | 294.798 | 3.514 | 0.116 | 248.16 | 3.122 | 0.116 | 0.291 | 0.0 | 0.116 | 0.531 | 0.0 |
| 11 | 10221 | 10222 | SN | 2 | -34.711 | 25.804 | 1.89 | -34.756 | 26.394 | 4.99 | 4.745 | 28.467 | 13.123 | 5.848 | 29.684 | 7.11 | 0.116 | 286.838 | 1.433 | 0.116 | 289.779 | 1.19 | 0.116 | 0.142 | 0.0 | 0.116 | 0.136 | 0.0 |
| 12 | 10221 | 10222 | SN | 1 | -34.711 | 25.804 | 1.89 | -34.724 | 26.394 | 4.99 | 4.745 | 28.467 | 13.123 | 5.848 | 29.684 | 7.116 | 0.116 | 286.838 | 1.433 | 0.116 | 287.643 | 1.19 | 0.116 | 0.142 | 0.0 | 0.116 | 0.136 | 0.0 |
| 13 | 10222 | 10223 | SN | 2 | -33.03 | 25.414 | 1.424 | -34.298 | 26.83 | 2.808 | -1.231 | 27.791 | 13.778 | 0.141 | 28.405 | 5.372 | 0.116 | 194.727 | 1.355 | 0.116 | 260.765 | 1.231 | 0.116 | 0.23 | 0.0 | 0.116 | 0.197 | 0.0 |
| 14 | 10222 | 10223 | SN | 1 | -33.03 | 25.105 | 0.528 | -34.298 | 26.813 | 2.454 | 6.843 | 27.791 | 13.8 | 0.166 | 28.405 | 5.378 | 0.116 | 194.727 | 1.372 | 0.116 | 260.765 | 1.245 | 0.116 | 0.132 | 0.0 | 0.116 | 0.197 | 0.0 |
| 15 | 10222 | 10223 | NS | 1 | -34.943 | 25.702 | 2.49 | -31.597 | 25.404 | 0.188 | -11.271 | 29.579 | 10.917 | -4.716 | 29.93 | 19.685 | 0.116 | 302.527 | 1.922 | 0.116 | 140.075 | 1.743 | 0.116 | 1.389 | 0.002 | 0.116 | 0.383 | 0.0 |
| 16 | 10222 | 10223 | NS | 1 | -34.614 | 25.702 | 2.49 | -34.438 | 25.404 | 0.188 | -11.239 | 29.579 | 10.906 | -4.716 | 29.93 | 19.724 | 0.116 | 280.484 | 1.923 | 0.116 | 269.305 | 1.747 | 0.116 | 1.38 | 0.002 | 0.116 | 0.383 | 0.0 |
| 17 | 10222 | 10223 | SN | 1 | -33.03 | 25.414 | 1.424 | -34.298 | 26.83 | 2.808 | -1.231 | 27.791 | 13.778 | 0.141 | 28.405 | 5.372 | 0.116 | 194.727 | 1.355 | 0.116 | 260.765 | 1.231 | 0.116 | 0.23 | 0.0 | 0.116 | 0.197 | 0.0 |
| 18 | 10223 | 10224 | NS | 1 | -34.885 | 25.538 | 2.137 | -32.006 | 24.39 | 0.159 | -18.112 | 28.974 | 7.891 | -11.975 | 29.825 | 14.025 | 0.116 | 298.451 | 2.722 | 0.116 | 153.842 | 2.449 | 0.116 | 6.363 | 0.002 | 0.116 | 1.617 | 0.001 |
| 19 | 10223 | 10224 | SN | 1 | -34.451 | 26.157 | 1.319 | -34.676 | 26.076 | 2.153 | -0.807 | 28.988 | 18.669 | 3.701 | 29.044 | 18.46 | 0.116 | 270.131 | 2.071 | 0.116 | 284.424 | 1.389 | 0.116 | 0.219 | 0.0 | 0.116 | 0.15 | 0.0 |
| 20 | 10223 | 10224 | SN | 2 | -34.451 | 26.157 | 1.319 | -34.676 | 26.076 | 2.153 | -0.806 | 28.988 | 18.66 | 3.701 | 29.044 | 18.446 | 0.116 | 270.131 | 2.072 | 0.116 | 284.424 | 1.388 | 0.116 | 0.218 | 0.0 | 0.116 | 0.15 | 0.0 |
| 21 | 10223 | 10224 | NS | 1 | -33.803 | 25.538 | 2.136 | -31.639 | 24.39 | 0.159 | -18.109 | 28.974 | 7.889 | -11.986 | 29.825 | 14.015 | 0.116 | 232.708 | 2.731 | 0.116 | 141.412 | 2.496 | 0.116 | 6.359 | 0.002 | 0.116 | 1.621 | 0.001 |
| 22 | 10224 | 10225 | SN | 1 | -34.66 | 24.608 | 0.129 | -34.908 | 25.057 | 0.705 | 3.269 | 28.572 | 16.053 | 2.216 | 30.103 | 16.224 | 0.116 | 283.414 | 4.915 | 0.116 | 300.105 | 4.241 | 0.116 | 0.154 | 0.0 | 0.116 | 0.165 | 0.0 |
| 23 | 10224 | 10225 | SN | 2 | -34.66 | 24.608 | 0.188 | -34.908 | 25.057 | 0.896 | 3.266 | 28.572 | 16.036 | 2.216 | 30.103 | 16.224 | 0.116 | 283.414 | 4.894 | 0.116 | 300.105 | 4.216 | 0.116 | 0.154 | 0.0 | 0.116 | 0.165 | 0.0 |
| 24 | 10224 | 10225 | NS | 1 | -33.97 | 24.763 | 1.052 | -33.879 | 24.291 | 0.533 | -27.99 | 28.827 | 10.474 | -23.579 | 29.902 | 17.268 | 0.116 | 241.843 | 3.671 | 0.116 | 236.773 | 2.824 | 0.116 | 61.071 | 0.022 | 0.116 | 22.184 | 0.023 |
| 25 | 10224 | 10225 | SN | 1 | -34.292 | 24.608 | 0.188 | -34.908 | 25.057 | 0.896 | 3.269 | 28.572 | 16.029 | 2.216 | 30.103 | 16.214 | 0.116 | 260.456 | 4.893 | 0.116 | 300.105 | 4.217 | 0.116 | 0.154 | 0.0 | 0.116 | 0.165 | 0.0 |
| 26 | 10224 | 10225 | NS | 1 | -34.134 | 24.763 | 1.05 | -34.516 | 24.291 | 0.532 | -27.99 | 28.827 | 10.474 | -23.579 | 29.902 | 17.268 | 0.116 | 251.142 | 3.683 | 0.116 | 274.226 | 2.837 | 0.116 | 61.071 | 0.022 | 0.116 | 22.184 | 0.023 |
| 27 | 10225 | 10226 | NS | 1 | -34.24 | 26.51 | 1.228 | -34.413 | 27.288 | 1.149 | -6.633 | 29.728 | 12.78 | -8.196 | 31.91 | 18.75 | 0.116 | 257.281 | 2.693 | 0.116 | 267.713 | 2.255 | 0.116 | 0.54 | 0.0 | 0.116 | 0.732 | 0.0 |
| 28 | 10225 | 10226 | SN | 1 | -34.998 | 24.833 | 0.152 | -34.994 | 25.02 | 1.335 | -8.828 | 29.415 | 12.607 | -5.481 | 30.267 | 12.295 | 0.116 | 306.302 | 4.424 | 0.116 | 306.075 | 4.186 | 0.116 | 0.832 | 0.0 | 0.116 | 0.438 | 0.0 |
| 29 | 10225 | 10226 | SN | 1 | -34.998 | 21.832 | 0.0 | -34.994 | 24.359 | 0.06 | -8.828 | 29.415 | 12.706 | -5.481 | 30.267 | 12.3 | 0.116 | 306.302 | 4.502 | 0.116 | 306.075 | 4.31 | 0.116 | 0.832 | 0.0 | 0.116 | 0.438 | 0.0 |
| 30 | 10225 | 10226 | NS | 2 | -34.24 | 26.51 | 1.232 | -34.413 | 27.288 | 1.156 | -6.633 | 29.728 | 12.78 | -8.196 | 31.91 | 18.75 | 0.116 | 257.281 | 2.693 | 0.116 | 267.713 | 2.254 | 0.116 | 0.54 | 0.0 | 0.116 | 0.732 | 0.0 |
| 31 | 10225 | 10226 | SN | 1 | -34.789 | 24.833 | 0.153 | -34.86 | 25.02 | 1.334 | -8.828 | 29.415 | 12.608 | -5.461 | 30.266 | 12.331 | 0.116 | 291.964 | 4.421 | 0.116 | 296.829 | 4.202 | 0.116 | 0.832 | 0.0 | 0.116 | 0.436 | 0.0 |
| 32 | 10226 | 10227 | SN | 1 | -34.758 | 23.922 | 0.118 | -34.563 | 25.563 | 2.539 | -24.215 | 33.468 | 14.299 | -17.308 | 33.309 | 16.393 | 0.116 | 289.869 | 3.759 | 0.116 | 277.147 | 3.449 | 0.116 | 25.664 | 0.015 | 0.116 | 5.303 | 0.003 |
| 33 | 10226 | 10227 | NS | 1 | -34.909 | 27.149 | 1.582 | -34.495 | 28.071 | 0.944 | 7.157 | 33.87 | 11.769 | 7.602 | 29.8 | 20.122 | 0.116 | 300.172 | 3.49 | 0.116 | 272.864 | 3.144 | 0.116 | 0.131 | 0.0 | 0.116 | 0.129 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 73 | 10239 | 10240 | NS | 1 | -34.386 | 25.079 | 2.546 | -34.984 | 25.352 | 1.132 | -12.054 | 30.105 | 9.712 | -13.336 | 30.713 | 17.32 | 0.116 | 266.172 | 1.741 | 0.116 | 305.372 | 1.489 | 0.116 | 1.646 | 0.002 | 0.116 | 2.18 | 0.008 |
| 74 | 10239 | 10240 | NS | 2 | -34.386 | 25.096 | 2.552 | -34.984 | 25.354 | 1.134 | -12.054 | 30.105 | 9.712 | -13.336 | 30.713 | 17.32 | 0.116 | 266.172 | 1.742 | 0.116 | 305.372 | 1.489 | 0.116 | 1.646 | 0.002 | 0.116 | 2.18 | 0.008 |
| 75 | 10240 | 10241 | NS | 2 | -34.179 | 27.026 | 2.081 | -34.615 | 27.528 | 0.934 | 2.918 | 28.416 | 16.193 | 8.467 | 30.114 | 26.024 | 0.116 | 253.711 | 1.952 | 0.116 | 280.556 | 1.98 | 0.116 | 0.157 | 0.0 | 0.116 | 0.127 | 0.0 |
| 76 | 10240 | 10241 | SN | 1 | -34.238 | 24.888 | 0.8 | -34.663 | 25.424 | 3.694 | -28.342 | 31.244 | 11.831 | -23.66 | 33.165 | 12.791 | 0.116 | 257.216 | 3.811 | 0.116 | 283.685 | 3.497 | 0.116 | 66.25 | 0.018 | 0.116 | 22.591 | 0.009 |
| 77 | 10240 | 10241 | SN | 1 | -34.475 | 24.887 | 0.8 | -34.696 | 25.422 | 3.69 | -27.629 | 31.244 | 11.808 | -22.96 | 33.168 | 12.779 | 0.116 | 271.61 | 3.809 | 0.116 | 285.79 | 3.49 | 0.116 | 56.229 | 0.018 | 0.116 | 20.238 | 0.009 |
| 78 | 10240 | 10241 | SN | 1 | -34.238 | 23.9 | 0.067 | -34.663 | 24.522 | 0.23 | -28.342 | 31.244 | 12.441 | -23.655 | 33.159 | 12.815 | 0.116 | 257.216 | 4.024 | 0.116 | 283.685 | 3.861 | 0.116 | 66.25 | 0.019 | 0.116 | 22.569 | 0.009 |
| 79 | 10240 | 10241 | NS | 1 | -34.179 | 27.026 | 2.081 | -34.615 | 27.528 | 0.931 | 2.799 | 28.416 | 16.193 | 8.467 | 30.114 | 26.024 | 0.116 | 253.711 | 1.952 | 0.116 | 280.556 | 1.98 | 0.116 | 0.158 | 0.0 | 0.116 | 0.127 | 0.0 |
| 80 | 10241 | 10242 | SN | 1 | -33.938 | 26.236 | 0.032 | -34.84 | 25.716 | 0.044 | -29.402 | 31.568 | 18.821 | -12.659 | 32.244 | 21.455 | 0.116 | 240.01 | 3.211 | 0.116 | 295.428 | 3.46 | 0.116 | 84.528 | 0.012 | 0.116 | 1.878 | 0.005 |
| 81 | 10241 | 10242 | SN | 1 | -33.938 | 26.236 | 0.979 | -34.84 | 25.837 | 3.991 | -25.643 | 31.568 | 17.526 | -12.595 | 32.244 | 21.31 | 0.116 | 240.01 | 2.995 | 0.116 | 295.428 | 3.024 | 0.116 | 35.622 | 0.01 | 0.116 | 1.852 | 0.005 |
| 82 | 10241 | 10242 | SN | 2 | -33.938 | 26.236 | 0.979 | -34.84 | 25.837 | 3.991 | -25.643 | 31.568 | 17.526 | -12.595 | 32.244 | 21.31 | 0.116 | 240.01 | 2.995 | 0.116 | 295.428 | 3.024 | 0.116 | 35.622 | 0.01 | 0.116 | 1.852 | 0.005 |
| 83 | 10241 | 10242 | NS | 1 | -34.252 | 24.978 | 2.595 | -34.824 | 25.315 | 0.68 | -0.832 | 29.506 | 20.16 | 4.077 | 30.499 | 33.028 | 0.116 | 258.061 | 2.868 | 0.116 | 294.317 | 2.342 | 0.116 | 0.219 | 0.0 | 0.116 | 0.147 | 0.0 |
| 84 | 10241 | 10242 | NS | 1 | -34.252 | 24.978 | 2.591 | -34.872 | 25.315 | 0.679 | -0.832 | 29.506 | 20.164 | 4.075 | 30.499 | 33.054 | 0.116 | 258.061 | 2.862 | 0.116 | 297.58 | 2.339 | 0.116 | 0.219 | 0.0 | 0.116 | 0.147 | 0.0 |
| 85 | 10242 | 10243 | SN | 2 | -33.268 | 25.804 | 0.766 | -33.434 | 26.618 | 2.956 | -11.83 | 29.464 | 18.788 | 0.291 | 30.322 | 20.694 | 0.116 | 205.699 | 2.4 | 0.116 | 213.727 | 2.318 | 0.116 | 1.567 | 0.002 | 0.116 | 0.194 | 0.0 |
| 86 | 10242 | 10243 | SN | 1 | -33.268 | 25.804 | 0.766 | -33.434 | 26.618 | 2.956 | -11.83 | 29.464 | 18.788 | 0.291 | 30.322 | 20.694 | 0.116 | 205.699 | 2.4 | 0.116 | 213.727 | 2.318 | 0.116 | 1.567 | 0.002 | 0.116 | 0.194 | 0.0 |
| 87 | 10242 | 10243 | NS | 1 | -33.873 | 29.398 | 1.682 | -34.083 | 27.036 | 0.247 | -4.082 | 30.365 | 27.024 | -19.592 | 30.23 | 40.378 | 0.116 | 236.433 | 2.441 | 0.116 | 248.183 | 2.484 | 0.116 | 0.345 | 0.0 | 0.116 | 8.912 | 0.008 |
| 88 | 10242 | 10243 | NS | 1 | -33.873 | 29.398 | 1.68 | -34.083 | 27.036 | 0.25 | -4.082 | 30.365 | 27.018 | -19.592 | 30.23 | 40.38 | 0.116 | 236.433 | 2.441 | 0.116 | 248.183 | 2.48 | 0.116 | 0.345 | 0.0 | 0.116 | 8.912 | 0.008 |
| 89 | 10243 | 10244 | SN | 1 | -34.496 | 26.661 | 0.891 | -34.971 | 27.39 | 2.676 | -19.388 | 29.455 | 18.686 | -20.14 | 30.204 | 18.462 | 0.116 | 272.91 | 3.8 | 0.116 | 304.494 | 3.409 | 0.116 | 8.506 | 0.033 | 0.116 | 10.098 | 0.032 |
| 90 | 10243 | 10244 | NS | 1 | -34.762 | 26.68 | 1.757 | -32.4 | 26.202 | 0.559 | -33.88 | 36.383 | 14.092 | -23.039 | 33.114 | 24.878 | 0.116 | 290.236 | 2.113 | 0.116 | 168.491 | 1.864 | 0.116 | 236.853 | 0.187 | 0.116 | 19.601 | 0.044 |
| 91 | 10243 | 10244 | NS | 1 | -34.762 | 26.68 | 1.759 | -32.4 | 26.202 | 0.56 | -33.88 | 36.383 | 14.092 | -23.039 | 33.114 | 24.878 | 0.116 | 290.236 | 2.117 | 0.116 | 168.491 | 1.865 | 0.116 | 236.853 | 0.187 | 0.116 | 19.601 | 0.044 |
| 92 | 10244 | 10245 | NS | 1 | -33.571 | 27.571 | 1.982 | -34.007 | 27.005 | 1.214 | -25.811 | 29.067 | 20.204 | -11.158 | 31.709 | 28.093 | 0.116 | 220.639 | 1.101 | 0.116 | 243.945 | 1.162 | 0.116 | 37.026 | 0.041 | 0.116 | 1.356 | 0.005 |

| | | | |
|--------------------------|------------|-------|-----|
| 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 | 10219 | 10220 | SN | 1 | 57.509 | 58.264 | 0.0 | 0.0 | 299.553 | 3.874 | 1235.112 | 1260.584 | 0.0 | -94.858 | -92.101 | 0.0 |
| 2 | 10219 | 10220 | SN | 1 | 57.509 | 58.264 | 0.0 | 0.0 | 299.553 | 3.87 | 1235.112 | 1260.584 | 0.0 | -94.858 | -92.101 | 0.0 |
| 3 | 10219 | 10220 | SN | 1 | 57.685 | 58.264 | 0.0 | 0.0 | 299.553 | 3.053 | 1235.112 | 1260.584 | 0.0 | -93.013 | -92.101 | 0.0 |
| 4 | 10220 | 10221 | NS | 1 | 57.459 | 58.115 | 0.0 | 0.0 | 291.109 | 3.7 | 1198.432 | 1254.928 | 29.683 | -93.67 | -91.81 | 0.0 |
| 5 | 10220 | 10221 | SN | 2 | 57.673 | 58.25 | 0.0 | 0.003 | 297.005 | 3.692 | 1234.376 | 1260.624 | 0.0 | -93.07 | -92.103 | 0.0 |
| 6 | 10220 | 10221 | SN | 1 | 57.673 | 58.25 | 0.0 | 0.003 | 297.005 | 3.692 | 1234.376 | 1260.624 | 0.0 | -93.07 | -92.103 | 0.0 |
| 7 | 10220 | 10221 | NS | 1 | 57.459 | 58.115 | 0.0 | 0.0 | 291.109 | 3.692 | 1198.432 | 1254.928 | 29.714 | -93.67 | -91.81 | 0.0 |
| 8 | 10221 | 10222 | SN | 1 | 57.65 | 58.26 | 0.0 | 0.0 | 296.31 | 3.562 | 1234.72 | 1260.784 | 0.0 | -93.128 | -92.12 | 0.0 |
| 9 | 10221 | 10222 | NS | 1 | 57.477 | 58.116 | 0.0 | 0.0 | 293.723 | 3.595 | 1197.968 | 1254.912 | 30.55 | -93.67 | -91.818 | 0.0 |
| 10 | 10221 | 10222 | NS | 1 | 57.477 | 58.116 | 0.0 | 0.0 | 293.723 | 3.591 | 1197.968 | 1254.912 | 30.518 | -93.67 | -91.818 | 0.0 |
| 11 | 10221 | 10222 | SN | 2 | 57.659 | 58.281 | 0.0 | 0.0 | 296.266 | 3.167 | 1234.72 | 1260.76 | 0.0 | -93.128 | -92.12 | 0.0 |
| 12 | 10221 | 10222 | SN | 1 | 57.65 | 58.26 | 0.0 | 0.0 | 296.31 | 3.166 | 1234.72 | 1260.784 | 0.0 | -93.128 | -92.12 | 0.0 |
| 13 | 10222 | 10223 | SN | 2 | 57.667 | 58.272 | 0.0 | 0.0 | 295.119 | 3.552 | 1234.648 | 1260.704 | 0.0 | -93.06 | -92.116 | 0.0 |
| 14 | 10222 | 10223 | SN | 1 | 57.667 | 58.272 | 0.0 | 0.003 | 295.119 | 3.142 | 1234.648 | 1260.704 | 0.0 | -93.06 | -92.116 | 0.0 |
| 15 | 10222 | 10223 | NS | 1 | 57.477 | 58.116 | 0.0 | 0.0 | 293.266 | 3.6 | 1198.392 | 1254.728 | 30.603 | -93.669 | -91.826 | 0.0 |
| 16 | 10222 | 10223 | NS | 1 | 57.44 | 58.116 | 0.0 | 0.0 | 293.266 | 3.603 | 1198.336 | 1254.728 | 30.622 | -93.669 | -91.826 | 0.0 |
| 17 | 10222 | 10223 | SN | 1 | 57.667 | 58.272 | 0.0 | 0.0 | 295.119 | 3.552 | 1234.648 | 1260.704 | 0.0 | -93.06 | -92.116 | 0.0 |
| 18 | 10223 | 10224 | NS | 1 | 57.456 | 58.116 | 0.0 | 0.0 | 294.688 | 3.63 | 1198.952 | 1254.656 | 31.713 | -92.973 | -91.787 | 0.0 |
| 19 | 10223 | 10224 | SN | 1 | 57.689 | 58.261 | 0.0 | 0.0 | 298.549 | 3.571 | 1233.92 | 1260.648 | 0.0 | -93.298 | -92.118 | 0.0 |
| 20 | 10223 | 10224 | SN | 2 | 57.687 | 58.263 | 0.0 | 0.0 | 298.532 | 3.572 | 1233.92 | 1260.704 | 0.0 | -93.298 | -92.117 | 0.0 |
| 21 | 10223 | 10224 | NS | 1 | 57.444 | 58.116 | 0.0 | 0.0 | 294.688 | 3.627 | 1198.6 | 1254.656 | 31.703 | -92.973 | -91.787 | 0.0 |
| 22 | 10224 | 10225 | SN | 1 | 57.661 | 58.251 | 0.0 | 0.0 | 295.797 | 3.314 | 1233.92 | 1260.656 | 0.0 | -93.006 | -92.118 | 0.0 |
| 23 | 10224 | 10225 | SN | 2 | 57.661 | 58.251 | 0.0 | 0.0 | 295.797 | 3.519 | 1233.92 | 1260.656 | 0.0 | -93.009 | -92.118 | 0.0 |
| 24 | 10224 | 10225 | NS | 1 | 57.447 | 58.113 | 0.0 | 0.0 | 296.85 | 3.783 | 1198.312 | 1254.624 | 32.543 | -93.667 | -91.82 | 0.0 |
| 25 | 10224 | 10225 | SN | 1 | 57.66 | 58.252 | 0.0 | 0.0 | 295.907 | 3.521 | 1233.92 | 1260.704 | 0.0 | -93.006 | -92.118 | 0.0 |
| 26 | 10224 | 10225 | NS | 1 | 57.447 | 58.113 | 0.0 | 0.0 | 296.85 | 3.779 | 1198.312 | 1254.624 | 32.509 | -93.667 | -91.82 | 0.0 |
| 27 | 10225 | 10226 | NS | 1 | 57.44 | 58.428 | 0.0 | 0.0 | 293.155 | 3.646 | 1198.344 | 1263.776 | 32.606 | -95.537 | -91.824 | 0.0 |
| 28 | 10225 | 10226 | SN | 1 | 57.658 | 58.255 | 0.0 | 0.0 | 293.85 | 3.64 | 1234.312 | 1260.736 | 0.0 | -92.996 | -92.094 | 0.0 |
| 29 | 10225 | 10226 | SN | 1 | 57.658 | 58.255 | 0.0 | 0.0 | 293.85 | 3.154 | 1234.312 | 1260.736 | 0.0 | -92.996 | -92.094 | 0.0 |
| 30 | 10225 | 10226 | NS | 2 | 57.44 | 58.132 | 0.0 | 0.0 | 293.155 | 3.646 | 1198.344 | 1254.304 | 32.604 | -93.183 | -91.824 | 0.0 |
| 31 | 10225 | 10226 | SN | 1 | 57.657 | 58.256 | 0.0 | 0.0 | 293.635 | 3.637 | 1234.48 | 1260.768 | 0.0 | -93.233 | -92.094 | 0.0 |
| 32 | 10226 | 10227 | SN | 1 | 57.68 | 58.253 | 0.0 | 0.0 | 298.935 | 3.704 | 1234.704 | 1261.056 | 0.0 | -93.042 | -92.112 | 0.0 |
| 33 | 10226 | 10227 | NS | 1 | 57.435 | 58.139 | 0.0 | 0.0 | 298.279 | 3.688 | 1198.328 | 1254.408 | 31.913 | -93.668 | -91.819 | 0.0 |
| 34 | 10226 | 10227 | SN | 1 | 57.68 | 58.253 | 0.0 | 0.003 | 298.935 | 2.747 | 1234.704 | 1261.056 | 0.0 | -93.042 | -92.112 | 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 | 10226 | 10227 | SN | 1 | 57.68 | 58.253 | 0.0 | 0.0 | 298.935 | 3.699 | 1235.096 | 1261.056 | 0.0 | -93.135 | -92.112 | 0.0 |
| 36 | 10227 | 10228 | NS | 1 | 57.435 | 58.113 | 0.0 | 0.0 | 293.85 | 3.69 | 1198.344 | 1254.472 | 32.595 | -93.667 | -91.767 | 0.0 |
| 37 | 10227 | 10228 | SN | 1 | 57.661 | 58.277 | 0.0 | 0.0 | 297.054 | 3.614 | 1234.848 | 1261.248 | 0.0 | -92.999 | -92.102 | 0.0 |
| 38 | 10227 | 10228 | SN | 2 | 57.656 | 58.277 | 0.0 | 0.0 | 297.275 | 3.615 | 1234.856 | 1261.232 | 0.0 | -92.999 | -92.102 | 0.0 |
| 39 | 10227 | 10228 | NS | 1 | 57.439 | 58.11 | 0.0 | 0.0 | 294.038 | 3.706 | 1198.408 | 1254.408 | 32.556 | -93.667 | -91.768 | 0.0 |
| 40 | 10228 | 10229 | SN | 1 | 57.654 | 58.255 | 0.0 | 0.0 | 296.492 | 3.582 | 1234.616 | 1261.28 | 0.0 | -93.075 | -92.126 | 0.0 |
| 41 | 10228 | 10229 | NS | 1 | 57.443 | 58.117 | 0.0 | 0.0 | 294.016 | 3.844 | 1197.72 | 1254.616 | 32.884 | -93.668 | -91.82 | 0.0 |
| 42 | 10228 | 10229 | NS | 1 | 57.443 | 58.117 | 0.0 | 0.0 | 294.043 | 3.839 | 1197.728 | 1254.592 | 32.837 | -93.668 | -91.82 | 0.0 |
| 43 | 10229 | 10230 | SN | 1 | 57.665 | 58.255 | 0.0 | 0.0 | 295.891 | 3.677 | 1235.48 | 1261.288 | 0.0 | -93.092 | -92.107 | 0.0 |
| 44 | 10229 | 10230 | NS | 1 | 57.439 | 58.11 | 0.0 | 0.0 | 297.975 | 3.808 | 1197.576 | 1254.448 | 33.4 | -92.895 | -91.819 | 0.0 |
| 45 | 10230 | 10231 | NS | 1 | 57.464 | 58.108 | 0.0 | 0.0 | 295.483 | 3.37 | 1198.192 | 1254.216 | 33.681 | -93.638 | -91.819 | 0.0 |
| 46 | 10234 | 10235 | SN | 1 | 57.699 | 58.259 | 0.0 | 0.0 | 297.325 | 3.401 | 1235.184 | 1261.808 | 0.0 | -93.009 | -92.077 | 0.0 |
| 47 | 10234 | 10235 | NS | 1 | 57.437 | 58.106 | 0.0 | 0.0 | 294.545 | 3.752 | 1196.672 | 1254.68 | 31.025 | -93.664 | -91.799 | 0.0 |
| 48 | 10234 | 10235 | NS | 1 | 57.437 | 58.106 | 0.0 | 0.0 | 294.545 | 3.744 | 1196.672 | 1254.68 | 31.057 | -93.664 | -91.799 | 0.0 |
| 49 | 10234 | 10235 | SN | 2 | 57.699 | 58.259 | 0.0 | 0.0 | 297.325 | 3.852 | 1235.184 | 1261.808 | 0.0 | -92.996 | -92.077 | 0.0 |
| 50 | 10234 | 10235 | SN | 1 | 57.699 | 58.259 | 0.0 | 0.0 | 297.325 | 3.852 | 1235.184 | 1261.808 | 0.0 | -92.996 | -92.077 | 0.0 |
| 51 | 10235 | 10236 | SN | 2 | 57.662 | 58.287 | 0.0 | 0.003 | 297.683 | 3.244 | 1234.888 | 1261.992 | 0.0 | -92.981 | -92.124 | 0.0 |
| 52 | 10235 | 10236 | NS | 1 | 57.467 | 58.106 | 0.0 | 0.0 | 296.801 | 3.677 | 1197.088 | 1255.008 | 31.6 | -93.663 | -91.811 | 0.0 |
| 53 | 10235 | 10236 | SN | 1 | 57.663 | 58.286 | 0.0 | 0.003 | 297.722 | 3.24 | 1234.896 | 1261.976 | 0.0 | -92.981 | -92.125 | 0.0 |
| 54 | 10235 | 10236 | SN | 1 | 57.663 | 58.286 | 0.0 | 0.0 | 297.722 | 3.639 | 1234.896 | 1261.976 | 0.0 | -92.981 | -92.125 | 0.0 |
| 55 | 10235 | 10236 | NS | 1 | 57.467 | 58.106 | 0.0 | 0.0 | 296.801 | 3.685 | 1197.088 | 1255.008 | 31.57 | -93.663 | -91.811 | 0.0 |
| 56 | 10236 | 10237 | SN | 1 | 57.665 | 58.26 | 0.0 | 0.0 | 297.771 | 3.171 | 1234.816 | 1262.056 | 0.0 | -93.064 | -92.128 | 0.0 |
| 57 | 10236 | 10237 | SN | 2 | 57.665 | 58.26 | 0.0 | 0.0 | 297.771 | 3.567 | 1234.816 | 1262.056 | 0.0 | -93.064 | -92.128 | 0.0 |
| 58 | 10236 | 10237 | NS | 1 | 57.456 | 58.105 | 0.0 | 0.0 | 297.325 | 3.53 | 1197.28 | 1255.184 | 32.251 | -93.662 | -91.818 | 0.0 |
| 59 | 10236 | 10237 | NS | 1 | 57.453 | 58.105 | 0.0 | 0.0 | 297.325 | 3.526 | 1197.28 | 1255.184 | 32.218 | -93.662 | -91.818 | 0.0 |
| 60 | 10236 | 10237 | SN | 1 | 57.665 | 58.26 | 0.0 | 0.0 | 297.771 | 3.567 | 1234.816 | 1262.056 | 0.0 | -93.064 | -92.128 | 0.0 |
| 61 | 10237 | 10238 | SN | 2 | 57.679 | 58.264 | 0.0 | 0.0 | 299.977 | 3.567 | 1234.728 | 1261.952 | 0.0 | -93.483 | -92.12 | 0.0 |
| 62 | 10237 | 10238 | NS | 1 | 57.434 | 58.129 | 0.0 | 0.0 | 297.336 | 3.623 | 1197.288 | 1255.128 | 31.425 | -93.007 | -91.813 | 0.0 |
| 63 | 10237 | 10238 | NS | 1 | 57.438 | 58.137 | 0.0 | 0.0 | 297.336 | 3.627 | 1197.264 | 1255.128 | 31.458 | -93.083 | -91.813 | 0.0 |
| 64 | 10237 | 10238 | SN | 1 | 57.67 | 58.258 | 0.0 | 0.0 | 299.955 | 3.567 | 1234.728 | 1261.944 | 0.0 | -93.483 | -92.12 | 0.0 |
| 65 | 10238 | 10239 | NS | 1 | 57.44 | 58.121 | 0.0 | 0.0 | 299.895 | 3.693 | 1197.976 | 1255.128 | 33.563 | -93.124 | -91.806 | 0.0 |
| 66 | 10238 | 10239 | NS | 2 | 57.44 | 58.121 | 0.0 | 0.0 | 299.895 | 3.693 | 1197.976 | 1255.128 | 33.563 | -93.124 | -91.806 | 0.0 |
| 67 | 10238 | 10239 | SN | 2 | 57.668 | 58.258 | 0.0 | 0.0 | 297.071 | 3.515 | 1234.696 | 1261.928 | 0.0 | -93.019 | -92.127 | 0.0 |
| 68 | 10238 | 10239 | SN | 1 | 57.667 | 58.259 | 0.0 | 0.003 | 284.138 | 2.996 | 1234.688 | 1261.96 | 0.0 | -93.0 | -92.127 | 0.0 |
| 69 | 10238 | 10239 | SN | 1 | 57.667 | 58.259 | 0.0 | 0.0 | 297.071 | 3.515 | 1234.688 | 1261.96 | 0.0 | -93.0 | -92.127 | 0.0 |
| 70 | 10239 | 10240 | SN | 1 | 57.664 | 58.288 | 0.0 | 0.003 | 295.108 | 3.546 | 1235.088 | 1261.928 | 0.0 | -93.485 | -92.128 | 0.0 |
| 71 | 10239 | 10240 | SN | 1 | 57.664 | 58.288 | 0.0 | 0.003 | 295.108 | 3.549 | 1235.088 | 1261.928 | 0.0 | -93.173 | -92.128 | 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 | 10239 | 10240 | SN | 1 | 57.664 | 58.288 | 0.0 | 0.003 | 293.31 | 2.833 | 1235.088 | 1261.928 | 0.0 | -93.173 | -92.128 | 0.0 |
| 73 | 10239 | 10240 | NS | 1 | 57.467 | 58.115 | 0.0 | 0.0 | 297.49 | 3.855 | 1197.016 | 1255.064 | 34.27 | -93.008 | -91.818 | 0.0 |
| 74 | 10239 | 10240 | NS | 2 | 57.467 | 58.118 | 0.0 | 0.0 | 297.49 | 3.855 | 1197.016 | 1255.064 | 34.268 | -92.993 | -91.818 | 0.0 |
| 75 | 10240 | 10241 | NS | 2 | 57.435 | 58.126 | 0.0 | 0.0 | 293.337 | 3.639 | 1196.904 | 1255.192 | 33.975 | -93.66 | -91.816 | 0.0 |
| 76 | 10240 | 10241 | SN | 1 | 57.7 | 58.261 | 0.0 | 0.0 | 298.714 | 3.683 | 1235.712 | 1262.16 | 0.0 | -92.99 | -92.095 | 0.0 |
| 77 | 10240 | 10241 | SN | 1 | 57.691 | 58.258 | 0.0 | 0.0 | 298.753 | 3.681 | 1235.912 | 1262.08 | 0.0 | -93.008 | -92.096 | 0.0 |
| 78 | 10240 | 10241 | SN | 1 | 57.7 | 58.261 | 0.0 | 0.0 | 298.714 | 2.623 | 1235.712 | 1262.16 | 0.0 | -92.95 | -92.095 | 0.0 |
| 79 | 10240 | 10241 | NS | 1 | 57.435 | 58.15 | 0.0 | 0.0 | 293.337 | 3.639 | 1196.904 | 1255.688 | 33.978 | -93.66 | -91.816 | 0.0 |
| 80 | 10241 | 10242 | SN | 1 | 57.672 | 58.263 | 0.0 | 0.003 | 297.937 | 2.233 | 1235.544 | 1262.432 | 0.0 | -92.897 | -92.12 | 0.0 |
| 81 | 10241 | 10242 | SN | 1 | 57.672 | 58.263 | 0.0 | 0.0 | 297.937 | 3.656 | 1235.544 | 1262.432 | 0.0 | -92.959 | -92.12 | 0.0 |
| 82 | 10241 | 10242 | SN | 2 | 57.672 | 58.263 | 0.0 | 0.0 | 297.937 | 3.656 | 1235.544 | 1262.432 | 0.0 | -92.959 | -92.12 | 0.0 |
| 83 | 10241 | 10242 | NS | 1 | 57.447 | 58.106 | 0.0 | 0.0 | 297.727 | 3.662 | 1197.488 | 1255.304 | 33.967 | -93.659 | -91.81 | 0.0 |
| 84 | 10241 | 10242 | NS | 1 | 57.45 | 58.099 | 0.0 | 0.0 | 297.573 | 3.658 | 1197.544 | 1255.224 | 33.927 | -93.659 | -91.811 | 0.0 |
| 85 | 10242 | 10243 | SN | 2 | 57.669 | 58.263 | 0.0 | 0.0 | 298.372 | 3.559 | 1235.432 | 1262.512 | 0.0 | -93.151 | -92.115 | 0.0 |
| 86 | 10242 | 10243 | SN | 1 | 57.669 | 58.263 | 0.0 | 0.0 | 298.372 | 3.559 | 1235.432 | 1262.512 | 0.0 | -93.151 | -92.115 | 0.0 |
| 87 | 10242 | 10243 | NS | 1 | 57.404 | 58.131 | 0.0 | 0.0 | 297.7 | 4.015 | 1197.592 | 1255.376 | 33.681 | -93.659 | -91.77 | 0.0 |
| 88 | 10242 | 10243 | NS | 1 | 57.404 | 58.131 | 0.0 | 0.0 | 297.7 | 4.011 | 1197.592 | 1255.376 | 33.648 | -93.659 | -91.77 | 0.0 |
| 89 | 10243 | 10244 | SN | 1 | 57.678 | 58.315 | 0.0 | 0.0 | 298.792 | 3.666 | 1235.648 | 1262.48 | 0.0 | -95.522 | -92.134 | 0.0 |
| 90 | 10243 | 10244 | NS | 1 | 57.448 | 58.101 | 0.0 | 0.0 | 296.834 | 3.703 | 1197.08 | 1255.256 | 34.599 | -93.66 | -91.814 | 0.0 |
| 91 | 10243 | 10244 | NS | 1 | 57.448 | 58.101 | 0.0 | 0.0 | 296.834 | 3.706 | 1197.08 | 1255.256 | 34.569 | -93.66 | -91.814 | 0.0 |
| 92 | 10244 | 10245 | NS | 1 | 57.434 | 58.1 | 0.0 | 0.003 | 298.284 | 3.758 | 1197.464 | 1255.432 | 34.495 | -93.618 | -91.814 | 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 | 10219 | 10220 | SN | 1 | -34.957 | 21.145 | 0.0 | -34.945 | 21.887 | 0.0 | -8.757 | 23.553 | 0.072 | -7.498 | 23.516 | 0.037 | 0.086 | 231.952 | 3.243 | 0.086 | 231.345 | 2.382 | 0.086 | 0.623 | 0.0 | 0.086 | 0.483 | 0.0 |
| 2 | 10219 | 10220 | SN | 1 | -33.791 | 21.145 | 0.0 | -34.671 | 21.887 | 0.0 | -8.762 | 23.553 | 0.072 | -7.495 | 23.516 | 0.037 | 0.086 | 177.326 | 3.235 | 0.086 | 217.197 | 2.38 | 0.086 | 0.623 | 0.0 | 0.086 | 0.483 | 0.0 |
| 3 | 10219 | 10220 | SN | 1 | -34.977 | 21.145 | 0.0 | -34.945 | 21.887 | 0.0 | -8.759 | 23.553 | 0.073 | -7.498 | 23.516 | 0.037 | 0.086 | 233.068 | 3.339 | 0.086 | 231.345 | 2.58 | 0.086 | 0.623 | 0.0 | 0.086 | 0.483 | 0.0 |
| 4 | 10220 | 10221 | NS | 1 | -34.255 | 20.264 | 0.0 | -34.94 | 21.566 | 0.0 | -8.112 | 24.103 | 0.049 | -10.283 | 24.401 | 0.291 | 0.086 | 197.368 | 3.034 | 0.086 | 231.095 | 3.197 | 0.086 | 0.546 | 0.0 | 0.086 | 0.856 | 0.0 |
| 5 | 10220 | 10221 | SN | 2 | -34.926 | 21.18 | 0.0 | -34.965 | 21.739 | 0.0 | -21.234 | 23.21 | 0.085 | -8.117 | 23.942 | 0.122 | 0.086 | 230.344 | 2.63 | 0.086 | 232.352 | 1.968 | 0.086 | 9.905 | 0.004 | 0.086 | 0.547 | 0.0 |
| 6 | 10220 | 10221 | SN | 1 | -34.926 | 21.18 | 0.0 | -34.965 | 21.739 | 0.0 | -21.234 | 23.21 | 0.085 | -8.117 | 23.942 | 0.122 | 0.086 | 230.344 | 2.63 | 0.086 | 232.352 | 1.968 | 0.086 | 9.905 | 0.004 | 0.086 | 0.547 | 0.0 |
| 7 | 10220 | 10221 | NS | 1 | -34.255 | 20.266 | 0.0 | -34.94 | 21.566 | 0.0 | -8.112 | 24.103 | 0.049 | -10.283 | 24.401 | 0.292 | 0.086 | 197.368 | 3.034 | 0.086 | 231.095 | 3.197 | 0.086 | 0.546 | 0.0 | 0.086 | 0.856 | 0.0 |
| 8 | 10221 | 10222 | SN | 1 | -33.995 | 19.811 | 0.0 | -33.525 | 19.669 | 0.0 | -8.621 | 22.922 | 0.275 | -12.919 | 23.292 | 0.331 | 0.086 | 185.864 | 1.579 | 0.086 | 166.816 | 1.536 | 0.086 | 0.606 | 0.0 | 0.086 | 1.515 | 0.004 |
| 9 | 10221 | 10222 | NS | 1 | -34.858 | 19.565 | 0.0 | -34.41 | 18.031 | 0.0 | -9.863 | 22.911 | 0.043 | -18.019 | 23.581 | 0.258 | 0.086 | 226.715 | 2.371 | 0.086 | 204.49 | 2.683 | 0.086 | 0.783 | 0.0 | 0.086 | 4.757 | 0.031 |
| 10 | 10221 | 10222 | NS | 1 | -34.818 | 19.565 | 0.0 | -34.41 | 18.031 | 0.0 | -9.863 | 22.911 | 0.043 | -18.019 | 23.58 | 0.258 | 0.086 | 224.668 | 2.381 | 0.086 | 204.49 | 2.68 | 0.086 | 0.783 | 0.0 | 0.086 | 4.757 | 0.031 |
| 11 | 10221 | 10222 | SN | 2 | -34.442 | 19.811 | 0.0 | -33.415 | 19.669 | 0.0 | -8.623 | 22.922 | 0.275 | -12.919 | 23.292 | 0.331 | 0.086 | 205.999 | 1.606 | 0.086 | 162.622 | 1.557 | 0.086 | 0.606 | 0.0 | 0.086 | 1.515 | 0.004 |
| 12 | 10221 | 10222 | SN | 1 | -33.995 | 19.811 | 0.0 | -33.525 | 19.669 | 0.0 | -8.621 | 22.922 | 0.275 | -12.919 | 23.292 | 0.331 | 0.086 | 185.864 | 1.605 | 0.086 | 166.816 | 1.557 | 0.086 | 0.606 | 0.0 | 0.086 | 1.515 | 0.004 |
| 13 | 10222 | 10223 | SN | 2 | -34.68 | 18.464 | 0.0 | -34.543 | 19.67 | 0.0 | 1.572 | 22.809 | 0.157 | 2.333 | 23.178 | 0.278 | 0.086 | 217.621 | 1.455 | 0.086 | 210.835 | 1.403 | 0.086 | 0.129 | 0.0 | 0.086 | 0.121 | 0.0 |
| 14 | 10222 | 10223 | SN | 1 | -34.787 | 17.771 | 0.0 | -33.051 | 19.677 | 0.0 | 1.572 | 22.809 | 0.157 | 2.333 | 23.178 | 0.283 | 0.086 | 223.1 | 1.479 | 0.086 | 149.612 | 1.403 | 0.086 | 0.129 | 0.0 | 0.086 | 0.121 | 0.0 |
| 15 | 10222 | 10223 | NS | 1 | -33.373 | 18.889 | 0.0 | -34.623 | 17.703 | 0.0 | -31.014 | 22.998 | 0.041 | -20.019 | 23.973 | 0.235 | 0.086 | 161.108 | 2.212 | 0.086 | 214.792 | 2.302 | 0.086 | 93.597 | 0.118 | 0.086 | 7.505 | 0.082 |
| 16 | 10222 | 10223 | NS | 1 | -34.721 | 18.889 | 0.0 | -33.124 | 17.703 | 0.0 | -29.413 | 22.998 | 0.041 | -19.886 | 23.973 | 0.235 | 0.086 | 219.696 | 2.217 | 0.086 | 152.107 | 2.298 | 0.086 | 64.766 | 0.117 | 0.086 | 7.28 | 0.082 |
| 17 | 10222 | 10223 | SN | 1 | -34.68 | 18.464 | 0.0 | -34.543 | 19.67 | 0.0 | 1.572 | 22.809 | 0.157 | 2.333 | 23.178 | 0.278 | 0.086 | 217.621 | 1.455 | 0.086 | 210.835 | 1.403 | 0.086 | 0.129 | 0.0 | 0.086 | 0.121 | 0.0 |
| 18 | 10223 | 10224 | NS | 1 | -34.922 | 19.013 | 0.0 | -34.611 | 17.831 | 0.0 | -28.602 | 23.454 | 0.146 | -30.007 | 23.753 | 0.256 | 0.086 | 230.081 | 2.507 | 0.086 | 214.176 | 2.471 | 0.086 | 53.748 | 0.024 | 0.086 | 74.25 | 0.016 |
| 19 | 10223 | 10224 | SN | 1 | -34.761 | 19.123 | 0.0 | -34.745 | 19.709 | 0.0 | 1.326 | 22.829 | 0.515 | 2.445 | 23.507 | 1.544 | 0.086 | 221.729 | 1.878 | 0.086 | 220.924 | 1.661 | 0.086 | 0.131 | 0.0 | 0.086 | 0.12 | 0.0 |
| 20 | 10223 | 10224 | SN | 2 | -34.728 | 19.123 | 0.0 | -34.786 | 19.709 | 0.0 | 1.326 | 22.829 | 0.515 | 2.445 | 23.507 | 1.544 | 0.086 | 220.061 | 1.877 | 0.086 | 222.949 | 1.661 | 0.086 | 0.131 | 0.0 | 0.086 | 0.12 | 0.0 |
| 21 | 10223 | 10224 | NS | 1 | -34.922 | 19.013 | 0.0 | -34.611 | 17.831 | 0.0 | -28.508 | 23.456 | 0.146 | -29.64 | 23.753 | 0.255 | 0.086 | 230.081 | 2.526 | 0.086 | 214.176 | 2.47 | 0.086 | 52.591 | 0.024 | 0.086 | 68.241 | 0.016 |
| 22 | 10224 | 10225 | SN | 1 | -34.998 | 19.27 | 0.0 | -34.957 | 19.245 | 0.0 | 0.916 | 22.882 | 0.128 | 3.224 | 23.402 | 0.404 | 0.086 | 234.154 | 4.649 | 0.086 | 231.953 | 4.197 | 0.086 | 0.136 | 0.0 | 0.086 | 0.114 | 0.0 |
| 23 | 10224 | 10225 | SN | 2 | -34.998 | 19.27 | 0.0 | -34.957 | 19.245 | 0.0 | 0.916 | 22.882 | 0.127 | 3.224 | 23.402 | 0.404 | 0.086 | 234.154 | 4.631 | 0.086 | 231.953 | 4.187 | 0.086 | 0.136 | 0.0 | 0.086 | 0.114 | 0.0 |
| 24 | 10224 | 10225 | NS | 1 | -34.974 | 18.903 | 0.0 | -34.1 | 17.987 | 0.0 | -26.614 | 23.252 | 0.085 | -24.91 | 23.484 | 0.348 | 0.086 | 232.886 | 2.894 | 0.086 | 190.436 | 2.811 | 0.086 | 34.028 | 0.028 | 0.086 | 23.004 | 0.04 |
| 25 | 10224 | 10225 | SN | 1 | -34.998 | 19.27 | 0.0 | -34.965 | 19.245 | 0.0 | 0.916 | 22.882 | 0.127 | 3.224 | 23.402 | 0.404 | 0.086 | 234.154 | 4.629 | 0.086 | 232.411 | 4.188 | 0.086 | 0.136 | 0.0 | 0.086 | 0.114 | 0.0 |
| 26 | 10224 | 10225 | NS | 1 | -34.931 | 18.903 | 0.0 | -34.168 | 17.987 | 0.0 | -26.614 | 23.253 | 0.085 | -24.91 | 23.482 | 0.35 | 0.086 | 230.543 | 2.908 | 0.086 | 193.452 | 2.826 | 0.086 | 34.028 | 0.028 | 0.086 | 23.004 | 0.04 |
| 27 | 10225 | 10226 | NS | 1 | -34.396 | 21.414 | 0.0 | -34.71 | 21.935 | 0.0 | -16.426 | 23.114 | 0.235 | -24.571 | 23.484 | 0.801 | 0.086 | 203.847 | 2.197 | 0.086 | 219.09 | 2.041 | 0.086 | 3.316 | 0.061 | 0.086 | 21.279 | 0.185 |
| 28 | 10225 | 10226 | SN | 1 | -34.753 | 18.188 | 0.0 | -34.657 | 18.583 | 0.0 | -6.294 | 23.519 | 0.595 | -5.471 | 23.895 | 0.854 | 0.086 | 221.312 | 4.112 | 0.086 | 216.498 | 4.1 | 0.086 | 0.384 | 0.0 | 0.086 | 0.33 | 0.0 |
| 29 | 10225 | 10226 | SN | 1 | -34.753 | 15.173 | 0.0 | -34.657 | 18.473 | 0.0 | -6.294 | 23.519 | 0.605 | -5.471 | 23.895 | 0.854 | 0.087 | 221.312 | 4.214 | 0.086 | 216.498 | 4.222 | 0.086 | 0.384 | 0.0 | 0.086 | 0.33 | 0.0 |
| 30 | 10225 | 10226 | NS | 2 | -34.396 | 21.414 | 0.0 | -34.439 | 21.935 | 0.0 | -16.426 | 23.114 | 0.235 | -24.571 | 23.484 | 0.801 | 0.086 | 203.847 | 2.2 | 0.086 | 205.887 | 2.04 | 0.086 | 3.316 | 0.061 | 0.086 | 21.279 | 0.185 |
| 31 | 10225 | 10226 | SN | 1 | -34.891 | 18.188 | 0.0 | -34.406 | 18.583 | 0.0 | -6.294 | 23.519 | 0.595 | -5.515 | 23.895 | 0.853 | 0.086 | 228.461 | 4.103 | 0.086 | 204.332 | 4.11 | 0.086 | 0.384 | 0.0 | 0.086 | 0.332 | 0.0 |
| 32 | 10226 | 10227 | SN | 1 | -34.937 | 18.458 | 0.0 | -34.213 | 18.504 | 0.0 | -14.905 | 23.86 | 1.06 | -12.188 | 24.689 | 1.656 | 0.086 | 230.895 | 2.492 | 0.086 | 195.444 | 2.402 | 0.086 | 2.356 | 0.003 | 0.086 | 1.291 | 0.002 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 33 | 10226 | 10227 | NS | 1 | -34.798 | 21.821 | 0.0 | -34.857 | 21.813 | 0.0 | 3.07 | 22.746 | 0.044 | 2.322 | 24.014 | 0.784 | 0.086 | 223.596 | 2.582 | 0.086 | 226.666 | 2.365 | 0.086 | 0.115 | 0.0 | 0.086 | 0.121 | 0.0 |
| 34 | 10226 | 10227 | SN | 1 | -34.889 | 18.018 | 0.0 | -34.213 | 18.388 | 0.0 | -14.894 | 23.86 | 1.096 | -12.19 | 24.689 | 1.659 | 0.086 | 228.362 | 2.576 | 0.086 | 195.444 | 2.633 | 0.086 | 2.35 | 0.003 | 0.086 | 1.291 | 0.002 |
| 35 | 10226 | 10227 | SN | 1 | -34.832 | 18.456 | 0.0 | -34.427 | 18.504 | 0.0 | -14.905 | 23.86 | 1.059 | -12.206 | 24.689 | 1.655 | 0.086 | 225.394 | 2.488 | 0.086 | 205.29 | 2.394 | 0.086 | 2.356 | 0.003 | 0.086 | 1.296 | 0.002 |
| 36 | 10227 | 10228 | NS | 1 | -34.377 | 22.457 | 0.005 | -34.979 | 18.063 | 0.0 | -1.474 | 23.024 | 0.091 | -1.511 | 24.321 | 1.685 | 0.086 | 202.973 | 2.596 | 0.086 | 233.126 | 2.47 | 0.086 | 0.177 | 0.0 | 0.086 | 0.178 | 0.0 |
| 37 | 10227 | 10228 | SN | 1 | -34.886 | 18.802 | 0.0 | -34.659 | 19.251 | 0.0 | -23.723 | 23.936 | 0.602 | -12.201 | 24.465 | 0.801 | 0.086 | 228.166 | 3.482 | 0.086 | 216.578 | 3.498 | 0.086 | 17.516 | 0.056 | 0.086 | 1.294 | 0.002 |
| 38 | 10227 | 10228 | SN | 2 | -34.826 | 18.802 | 0.0 | -34.626 | 19.253 | 0.0 | -23.709 | 23.936 | 0.602 | -12.199 | 24.465 | 0.801 | 0.086 | 225.05 | 3.481 | 0.086 | 214.98 | 3.498 | 0.086 | 17.462 | 0.056 | 0.086 | 1.294 | 0.002 |
| 39 | 10227 | 10228 | NS | 1 | -34.38 | 22.458 | 0.004 | -34.504 | 18.063 | 0.0 | -1.474 | 23.024 | 0.091 | -1.514 | 24.321 | 1.694 | 0.086 | 203.122 | 2.595 | 0.086 | 208.973 | 2.468 | 0.086 | 0.177 | 0.0 | 0.086 | 0.178 | 0.0 |
| 40 | 10228 | 10229 | SN | 1 | -34.741 | 20.597 | 0.0 | -34.752 | 20.323 | 0.0 | -6.957 | 23.926 | 0.644 | -5.462 | 23.792 | 0.191 | 0.086 | 220.693 | 3.687 | 0.086 | 221.228 | 3.346 | 0.086 | 0.435 | 0.0 | 0.086 | 0.329 | 0.0 |
| 41 | 10228 | 10229 | NS | 1 | -34.702 | 20.384 | 0.0 | -34.532 | 22.175 | 0.001 | -17.649 | 22.757 | 0.136 | -16.819 | 24.738 | 2.909 | 0.086 | 218.737 | 1.508 | 0.086 | 210.36 | 1.363 | 0.086 | 4.375 | 0.027 | 0.086 | 3.625 | 0.01 |
| 42 | 10228 | 10229 | NS | 1 | -34.702 | 20.385 | 0.0 | -34.532 | 22.175 | 0.001 | -17.651 | 22.757 | 0.136 | -16.819 | 24.738 | 2.909 | 0.086 | 218.737 | 1.509 | 0.086 | 210.36 | 1.361 | 0.086 | 4.376 | 0.027 | 0.086 | 3.625 | 0.01 |
| 43 | 10229 | 10230 | SN | 1 | -33.969 | 19.783 | 0.0 | -34.309 | 21.51 | 0.0 | -27.676 | 23.946 | 0.548 | -21.331 | 23.41 | 0.128 | 0.086 | 184.762 | 2.321 | 0.086 | 199.844 | 2.005 | 0.086 | 43.434 | 0.154 | 0.086 | 10.128 | 0.026 |
| 44 | 10229 | 10230 | NS | 1 | -33.805 | 19.828 | 0.0 | -34.686 | 21.088 | 0.0 | -12.119 | 23.055 | 0.101 | -6.689 | 24.579 | 2.391 | 0.086 | 177.91 | 0.549 | 0.086 | 217.961 | 0.636 | 0.086 | 1.271 | 0.003 | 0.086 | 0.413 | 0.0 |
| 45 | 10230 | 10231 | NS | 1 | -34.19 | 21.805 | 0.0 | -34.939 | 20.297 | 0.0 | -2.333 | 23.341 | 0.844 | 2.65 | 24.352 | 3.525 | 0.086 | 194.398 | 1.575 | 0.086 | 231.015 | 1.448 | 0.086 | 0.199 | 0.0 | 0.086 | 0.119 | 0.0 |
| 46 | 10234 | 10235 | SN | 1 | -34.82 | 21.302 | 0.0 | -34.832 | 21.595 | 0.0 | -27.703 | 23.668 | 0.096 | -24.277 | 23.391 | 0.074 | 0.086 | 224.72 | 1.439 | 0.086 | 231.097 | 1.203 | 0.086 | 43.708 | 0.079 | 0.086 | 19.892 | 0.067 |
| 47 | 10234 | 10235 | NS | 1 | -34.64 | 20.532 | 0.0 | -34.718 | 21.058 | 0.0 | 2.369 | 24.539 | 0.147 | 2.437 | 24.819 | 0.559 | 0.086 | 215.68 | 4.316 | 0.086 | 219.488 | 4.651 | 0.086 | 0.121 | 0.0 | 0.086 | 0.12 | 0.0 |
| 48 | 10234 | 10235 | NS | 1 | -34.64 | 20.534 | 0.0 | -34.718 | 21.058 | 0.0 | 2.369 | 24.539 | 0.147 | 2.437 | 24.819 | 0.558 | 0.086 | 215.68 | 4.322 | 0.086 | 219.488 | 4.652 | 0.086 | 0.121 | 0.0 | 0.086 | 0.12 | 0.0 |
| 49 | 10234 | 10235 | SN | 2 | -33.536 | 21.302 | 0.0 | -34.832 | 21.595 | 0.0 | -27.703 | 23.668 | 0.096 | -24.277 | 23.391 | 0.074 | 0.086 | 167.226 | 1.396 | 0.086 | 231.097 | 1.271 | 0.086 | 43.708 | 0.079 | 0.086 | 19.892 | 0.067 |
| 50 | 10234 | 10235 | SN | 1 | -33.536 | 21.302 | 0.0 | -34.832 | 21.595 | 0.0 | -27.703 | 23.668 | 0.096 | -24.277 | 23.391 | 0.074 | 0.086 | 167.226 | 1.396 | 0.086 | 231.097 | 1.271 | 0.086 | 43.708 | 0.079 | 0.086 | 19.892 | 0.067 |
| 51 | 10235 | 10236 | SN | 2 | -34.973 | 21.217 | 0.0 | -34.905 | 21.306 | 0.0 | -5.54 | 23.133 | 0.091 | -3.866 | 23.464 | 0.123 | 0.086 | 232.766 | 2.38 | 0.086 | 229.144 | 2.149 | 0.086 | 0.334 | 0.0 | 0.086 | 0.251 | 0.0 |
| 52 | 10235 | 10236 | NS | 1 | -34.736 | 20.599 | 0.0 | -34.487 | 21.169 | 0.0 | -5.815 | 24.352 | 0.054 | -5.934 | 24.333 | 0.286 | 0.086 | 220.467 | 2.277 | 0.086 | 208.2 | 2.0 | 0.086 | 0.351 | 0.0 | 0.086 | 0.359 | 0.0 |
| 53 | 10235 | 10236 | SN | 1 | -34.973 | 21.217 | 0.0 | -34.889 | 21.306 | 0.0 | -5.54 | 23.133 | 0.091 | -3.866 | 23.464 | 0.123 | 0.086 | 232.825 | 2.38 | 0.086 | 228.345 | 2.149 | 0.086 | 0.334 | 0.0 | 0.086 | 0.251 | 0.0 |
| 54 | 10235 | 10236 | SN | 1 | -34.973 | 21.217 | 0.0 | -34.889 | 21.306 | 0.0 | -5.522 | 23.133 | 0.091 | -3.866 | 23.464 | 0.123 | 0.086 | 232.825 | 2.348 | 0.086 | 228.345 | 2.118 | 0.086 | 0.333 | 0.0 | 0.086 | 0.251 | 0.0 |
| 55 | 10235 | 10236 | NS | 1 | -34.736 | 20.599 | 0.0 | -34.487 | 21.169 | 0.0 | -5.815 | 24.352 | 0.054 | -5.934 | 24.333 | 0.285 | 0.086 | 220.467 | 2.274 | 0.086 | 208.2 | 1.999 | 0.086 | 0.351 | 0.0 | 0.086 | 0.359 | 0.0 |
| 56 | 10236 | 10237 | SN | 1 | -34.882 | 19.697 | 0.0 | -33.656 | 19.907 | 0.0 | 0.953 | 22.893 | 0.151 | 2.588 | 22.962 | 0.143 | 0.086 | 227.977 | 1.426 | 0.086 | 171.924 | 0.958 | 0.086 | 0.136 | 0.0 | 0.086 | 0.119 | 0.0 |
| 57 | 10236 | 10237 | SN | 2 | -34.882 | 19.697 | 0.0 | -33.656 | 19.907 | 0.0 | 0.953 | 22.893 | 0.151 | 2.588 | 22.962 | 0.143 | 0.086 | 227.977 | 1.437 | 0.086 | 171.924 | 0.947 | 0.086 | 0.136 | 0.0 | 0.086 | 0.119 | 0.0 |
| 58 | 10236 | 10237 | NS | 1 | -34.252 | 19.178 | 0.0 | -34.427 | 18.126 | 0.0 | -6.039 | 22.616 | 0.02 | -34.625 | 23.522 | 0.203 | 0.086 | 197.227 | 3.536 | 0.086 | 205.302 | 3.512 | 0.086 | 0.366 | 0.0 | 0.086 | 214.913 | 0.019 |
| 59 | 10236 | 10237 | NS | 1 | -34.878 | 19.178 | 0.0 | -33.122 | 18.126 | 0.0 | -6.038 | 22.617 | 0.02 | -30.814 | 23.522 | 0.203 | 0.086 | 227.815 | 3.54 | 0.086 | 152.04 | 3.512 | 0.086 | 0.366 | 0.0 | 0.086 | 89.412 | 0.019 |
| 60 | 10236 | 10237 | SN | 1 | -34.882 | 19.697 | 0.0 | -33.656 | 19.907 | 0.0 | 0.953 | 22.893 | 0.151 | 2.588 | 22.962 | 0.143 | 0.086 | 227.977 | 1.437 | 0.086 | 171.924 | 0.947 | 0.086 | 0.136 | 0.0 | 0.086 | 0.119 | 0.0 |
| 61 | 10237 | 10238 | SN | 2 | -34.454 | 18.408 | 0.0 | -34.943 | 19.189 | 0.0 | 1.688 | 23.473 | 0.585 | 2.081 | 23.228 | 1.211 | 0.086 | 206.622 | 2.2 | 0.086 | 231.22 | 1.932 | 0.086 | 0.128 | 0.0 | 0.086 | 0.124 | 0.0 |
| 62 | 10237 | 10238 | NS | 1 | -34.906 | 19.196 | 0.0 | -34.507 | 19.048 | 0.0 | -19.462 | 23.233 | 0.074 | -27.085 | 23.57 | 0.173 | 0.086 | 229.292 | 2.583 | 0.086 | 209.169 | 2.649 | 0.086 | 6.608 | 0.009 | 0.086 | 37.919 | 0.045 |
| 63 | 10237 | 10238 | NS | 1 | -34.807 | 19.196 | 0.0 | -34.134 | 19.048 | 0.0 | -19.487 | 23.233 | 0.074 | -28.927 | 23.57 | 0.173 | 0.086 | 224.116 | 2.584 | 0.086 | 191.936 | 2.646 | 0.086 | 6.646 | 0.009 | 0.086 | 57.908 | 0.042 |
| 64 | 10237 | 10238 | SN | 1 | -34.574 | 18.408 | 0.0 | -34.965 | 19.189 | 0.0 | 1.688 | 23.473 | 0.585 | 2.081 | 23.228 | 1.211 | 0.086 | 212.374 | 2.2 | 0.086 | 232.405 | 1.931 | 0.086 | 0.128 | 0.0 | 0.086 | 0.124 | 0.0 |
| 65 | 10238 | 10239 | NS | 1 | -34.513 | 18.589 | 0.0 | -33.876 | 18.301 | 0.0 | -19.927 | 24.448 | 0.065 | -26.882 | 23.383 | 0.138 | 0.086 | 209.404 | 2.571 | 0.086 | 180.872 | 2.543 | 0.086 | 7.347 | 0.048 | 0.086 | 36.19 | 0.037 |
| 66 | 10238 | 10239 | NS | 2 | -34.513 | 18.589 | 0.0 | -33.876 | 18.301 | 0.0 | -19.927 | 24.448 | 0.065 | -26.882 | 23.383 | 0.138 | 0.086 | 209.404 | 2.571 | 0.086 | 180.872 | 2.543 | 0.086 | 7.347 | 0.048 | 0.086 | 36.19 | 0.037 |
| 67 | 10238 | 10239 | SN | 2 | -34.92 | 18.778 | 0.0 | -34.858 | 18.999 | 0.0 | 1.499 | 23.221 | 0.258 | 2.878 | 23.399 | 1.002 | 0.086 | 230.013 | 2.847 | 0.086 | 226.728 | 2.407 | 0.086 | 0.129 | 0.0 | 0.086 | 0.117 | 0.0 |
| 68 | 10238 | 10239 | SN | 1 | -34.939 | 17.418 | 0.0 | -34.321 | 18.999 | 0.0 | 1.499 | 23.221 | 0.27 | 2.878 | 23.399 | 1.061 | 0.087 | 231.007 | 2.911 | 0.086 | 200.391 | 2.462 | 0.086 | 0.129 | 0.0 | 0.086 | 0.117 | 0.0 |
| 69 | 10238 | 10239 | SN | 1 | -34.943 | 18.778 | 0.0 | -34.94 | 18.999 | 0.0 | 1.499 | 23.221 | 0.258 | 2.878 | 23.399 | 1.002 | 0.086 | 231.207 | 2.849 | 0.086 | 231.109 | 2.407 | 0.086 | 0.129 | 0.0 | 0.086 | 0.117 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 10239 | 10240 | SN | 1 | -34.911 | 18.196 | 0.0 | -34.649 | 19.251 | 0.0 | 1.28 | 23.241 | 0.146 | 4.183 | 22.698 | 0.035 | 0.086 | 229.545 | 4.184 | 0.086 | 216.08 | 3.794 | 0.086 | 0.132 | 0.0 | 0.086 | 0.108 | 0.0 |
| 71 | 10239 | 10240 | SN | 1 | -34.385 | 18.184 | 0.0 | -34.99 | 19.251 | 0.0 | 1.28 | 23.241 | 0.146 | 4.183 | 22.698 | 0.035 | 0.086 | 203.362 | 4.153 | 0.086 | 233.732 | 3.802 | 0.086 | 0.132 | 0.0 | 0.086 | 0.108 | 0.0 |
| 72 | 10239 | 10240 | SN | 1 | -34.385 | 16.269 | 0.0 | -34.99 | 19.253 | 0.0 | 1.28 | 23.241 | 0.16 | 4.183 | 22.698 | 0.036 | 0.087 | 203.362 | 4.29 | 0.086 | 233.732 | 3.973 | 0.086 | 0.132 | 0.0 | 0.086 | 0.108 | 0.0 |
| 73 | 10239 | 10240 | NS | 1 | -34.977 | 21.567 | 0.0 | -34.855 | 22.051 | 0.001 | -26.506 | 24.078 | 0.074 | -27.331 | 23.547 | 0.459 | 0.086 | 233.04 | 1.694 | 0.086 | 226.6 | 1.608 | 0.086 | 34.033 | 0.155 | 0.086 | 40.115 | 0.071 |
| 74 | 10239 | 10240 | NS | 2 | -34.977 | 21.567 | 0.0 | -34.855 | 22.051 | 0.001 | -26.506 | 24.078 | 0.074 | -27.331 | 23.547 | 0.459 | 0.086 | 233.04 | 1.695 | 0.086 | 226.6 | 1.609 | 0.086 | 34.033 | 0.155 | 0.086 | 40.115 | 0.071 |
| 75 | 10240 | 10241 | NS | 2 | -34.759 | 21.518 | 0.0 | -34.996 | 22.017 | 0.001 | 2.618 | 23.202 | 0.171 | 2.52 | 23.932 | 1.108 | 0.086 | 221.638 | 1.655 | 0.086 | 234.034 | 1.503 | 0.086 | 0.119 | 0.0 | 0.086 | 0.12 | 0.0 |
| 76 | 10240 | 10241 | SN | 1 | -34.767 | 18.111 | 0.0 | -34.71 | 18.923 | 0.0 | -7.662 | 23.889 | 0.708 | -5.569 | 24.109 | 1.215 | 0.086 | 222.024 | 3.57 | 0.086 | 219.155 | 3.401 | 0.086 | 0.499 | 0.0 | 0.086 | 0.336 | 0.0 |
| 77 | 10240 | 10241 | SN | 1 | -34.841 | 18.111 | 0.0 | -33.848 | 18.923 | 0.0 | -7.662 | 23.889 | 0.707 | -5.546 | 24.109 | 1.214 | 0.086 | 225.85 | 3.557 | 0.086 | 179.72 | 3.397 | 0.086 | 0.499 | 0.0 | 0.086 | 0.334 | 0.0 |
| 78 | 10240 | 10241 | SN | 1 | -34.767 | 17.494 | 0.0 | -34.71 | 17.384 | 0.0 | -7.668 | 23.889 | 0.758 | -5.569 | 24.109 | 1.219 | 0.087 | 222.024 | 3.738 | 0.087 | 219.155 | 3.759 | 0.086 | 0.5 | 0.0 | 0.086 | 0.336 | 0.0 |
| 79 | 10240 | 10241 | NS | 1 | -34.759 | 21.518 | 0.0 | -34.996 | 22.017 | 0.001 | 2.618 | 23.202 | 0.171 | 2.52 | 23.932 | 1.108 | 0.086 | 221.638 | 1.656 | 0.086 | 234.034 | 1.504 | 0.086 | 0.119 | 0.0 | 0.086 | 0.12 | 0.0 |
| 80 | 10241 | 10242 | SN | 1 | -34.015 | 18.908 | 0.0 | -34.979 | 19.118 | 0.0 | -14.871 | 23.843 | 0.67 | -17.179 | 24.602 | 1.134 | 0.086 | 191.498 | 3.5 | 0.086 | 233.103 | 3.35 | 0.086 | 2.338 | 0.002 | 0.086 | 3.932 | 0.003 |
| 81 | 10241 | 10242 | SN | 1 | -34.015 | 18.908 | 0.0 | -34.979 | 19.118 | 0.0 | -14.897 | 23.843 | 0.613 | -17.085 | 24.602 | 1.157 | 0.086 | 191.498 | 3.278 | 0.086 | 233.103 | 2.888 | 0.086 | 2.352 | 0.001 | 0.086 | 3.849 | 0.003 |
| 82 | 10241 | 10242 | SN | 2 | -34.015 | 18.908 | 0.0 | -34.979 | 19.118 | 0.0 | -14.897 | 23.843 | 0.613 | -17.085 | 24.602 | 1.157 | 0.086 | 191.498 | 3.278 | 0.086 | 233.103 | 2.888 | 0.086 | 2.352 | 0.001 | 0.086 | 3.849 | 0.003 |
| 83 | 10241 | 10242 | NS | 1 | -34.987 | 18.425 | 0.0 | -34.28 | 17.761 | 0.0 | -0.221 | 23.389 | 0.155 | 1.671 | 24.056 | 1.17 | 0.086 | 233.554 | 3.079 | 0.086 | 198.493 | 3.139 | 0.086 | 0.153 | 0.0 | 0.086 | 0.128 | 0.0 |
| 84 | 10241 | 10242 | NS | 1 | -34.832 | 18.425 | 0.0 | -34.43 | 17.763 | 0.0 | -0.219 | 23.389 | 0.155 | 1.676 | 24.045 | 1.168 | 0.086 | 225.415 | 3.074 | 0.086 | 205.469 | 3.137 | 0.086 | 0.153 | 0.0 | 0.086 | 0.128 | 0.0 |
| 85 | 10242 | 10243 | SN | 2 | -33.644 | 19.284 | 0.0 | -34.249 | 18.795 | 0.0 | -22.444 | 23.563 | 0.573 | -5.38 | 24.127 | 0.44 | 0.086 | 171.445 | 2.675 | 0.086 | 197.092 | 2.47 | 0.086 | 13.065 | 0.025 | 0.086 | 0.324 | 0.0 |
| 86 | 10242 | 10243 | SN | 1 | -33.644 | 19.284 | 0.0 | -34.249 | 18.795 | 0.0 | -22.444 | 23.563 | 0.573 | -5.38 | 24.127 | 0.44 | 0.086 | 171.445 | 2.675 | 0.086 | 197.092 | 2.47 | 0.086 | 13.065 | 0.025 | 0.086 | 0.324 | 0.0 |
| 87 | 10242 | 10243 | NS | 1 | -34.346 | 21.122 | 0.0 | -34.359 | 21.544 | 0.0 | -8.355 | 23.157 | 0.18 | -3.994 | 24.327 | 2.714 | 0.086 | 201.539 | 2.205 | 0.086 | 202.091 | 2.348 | 0.086 | 0.574 | 0.0 | 0.086 | 0.256 | 0.0 |
| 88 | 10242 | 10243 | NS | 1 | -34.346 | 21.122 | 0.0 | -34.359 | 21.544 | 0.0 | -8.355 | 23.157 | 0.18 | -3.994 | 24.328 | 2.716 | 0.086 | 201.539 | 2.202 | 0.086 | 202.091 | 2.346 | 0.086 | 0.574 | 0.0 | 0.086 | 0.256 | 0.0 |
| 89 | 10243 | 10244 | SN | 1 | -34.702 | 21.55 | 0.0 | -34.932 | 21.196 | 0.0 | -24.571 | 23.6 | 0.596 | -20.753 | 23.396 | 0.126 | 0.086 | 218.759 | 3.603 | 0.086 | 230.683 | 3.205 | 0.086 | 21.278 | 0.106 | 0.086 | 8.873 | 0.1 |
| 90 | 10243 | 10244 | NS | 1 | -34.923 | 21.794 | 0.0 | -34.625 | 19.267 | 0.0 | -28.43 | 22.695 | 0.039 | -26.743 | 24.67 | 2.31 | 0.086 | 230.163 | 1.415 | 0.086 | 214.874 | 1.385 | 0.086 | 51.659 | 0.149 | 0.086 | 35.052 | 0.088 |
| 91 | 10243 | 10244 | NS | 1 | -34.923 | 21.794 | 0.0 | -33.927 | 19.267 | 0.0 | -28.43 | 22.698 | 0.039 | -26.743 | 24.67 | 2.312 | 0.086 | 230.163 | 1.418 | 0.086 | 182.976 | 1.386 | 0.086 | 51.659 | 0.149 | 0.086 | 35.052 | 0.088 |
| 92 | 10244 | 10245 | NS | 1 | -34.543 | 19.468 | 0.0 | -32.836 | 21.239 | 0.0 | -22.966 | 22.914 | 0.304 | -19.659 | 24.396 | 2.668 | 0.086 | 210.847 | 1.22 | 0.086 | 142.379 | 1.233 | 0.086 | 14.727 | 0.021 | 0.086 | 6.911 | 0.014 |

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

Normal

Deviations

Alarming

High Errors