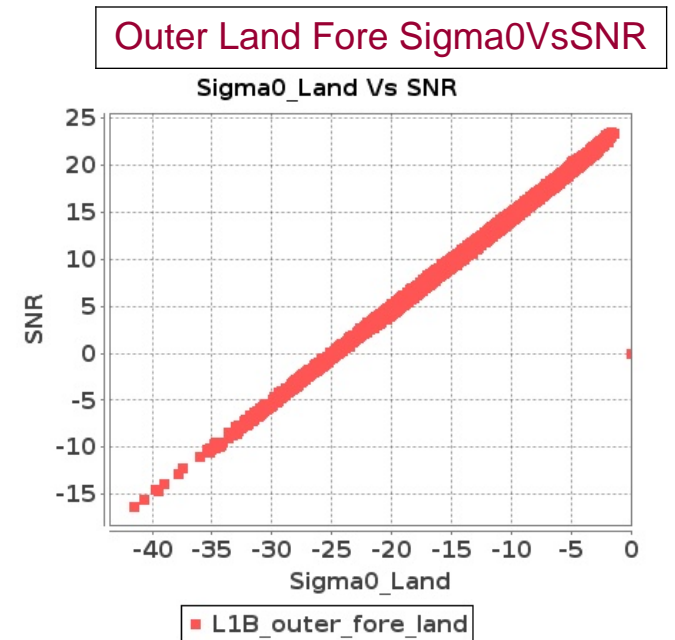
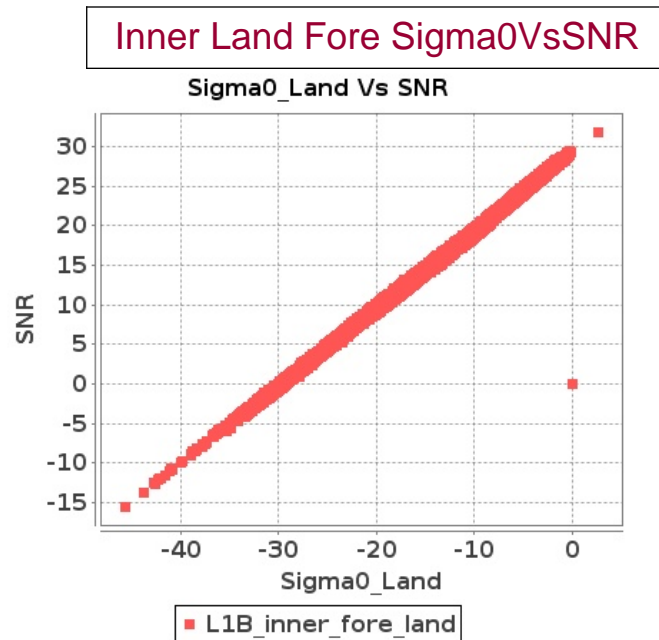
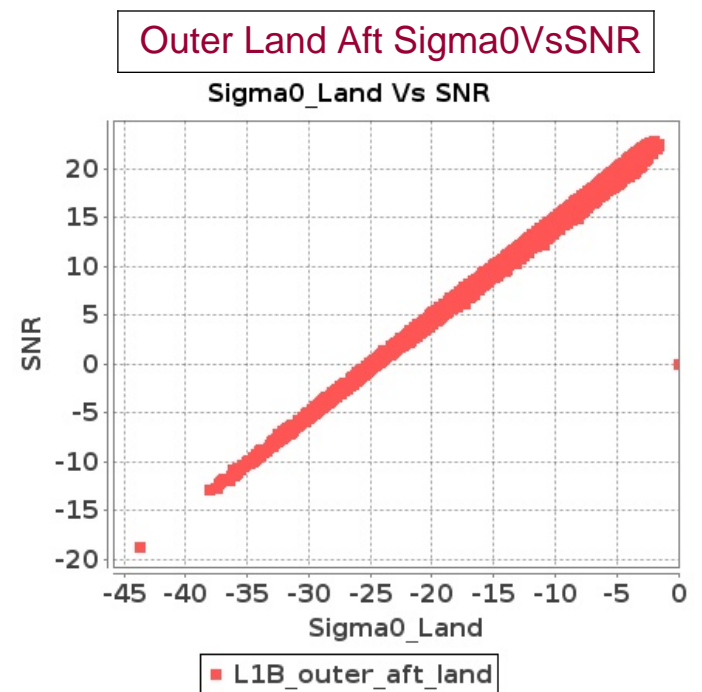
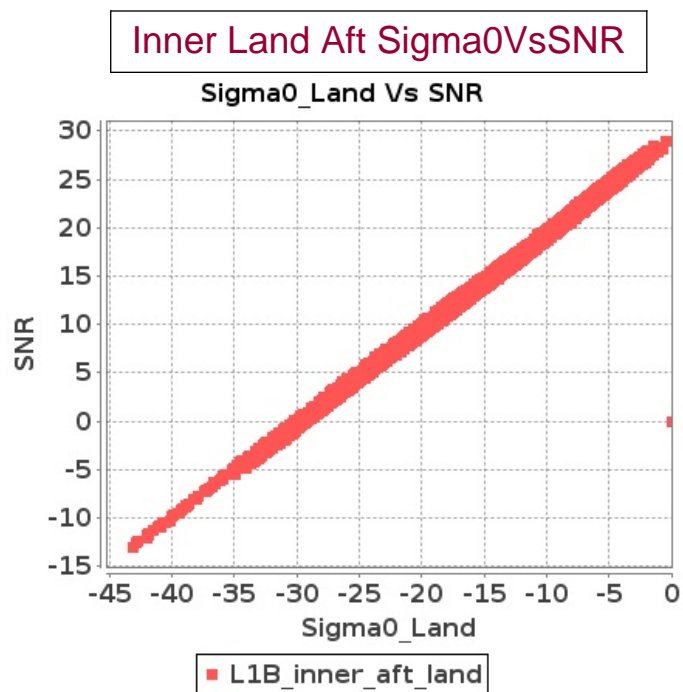
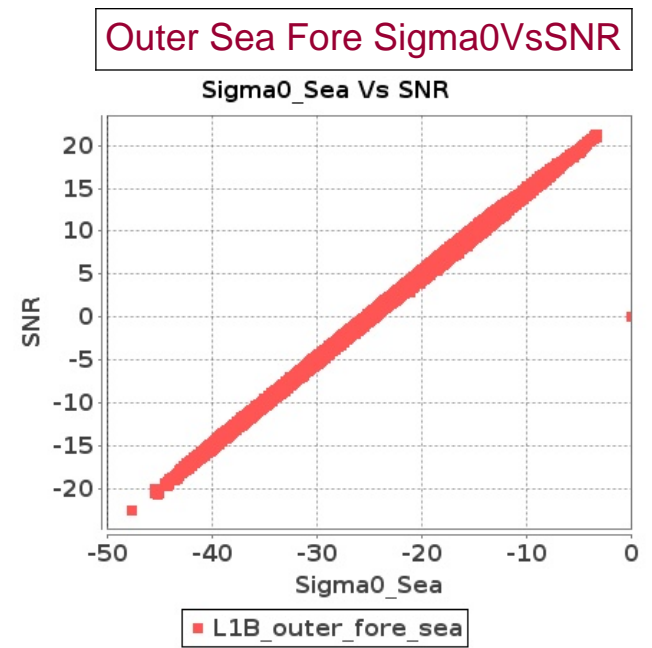
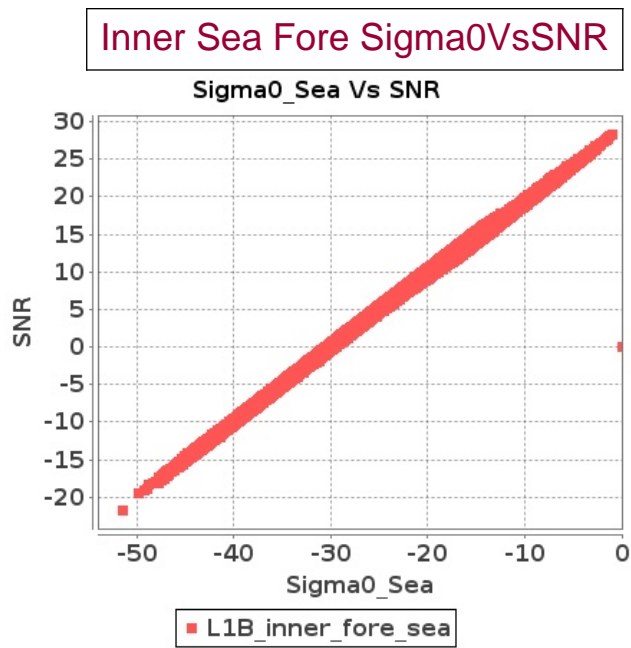
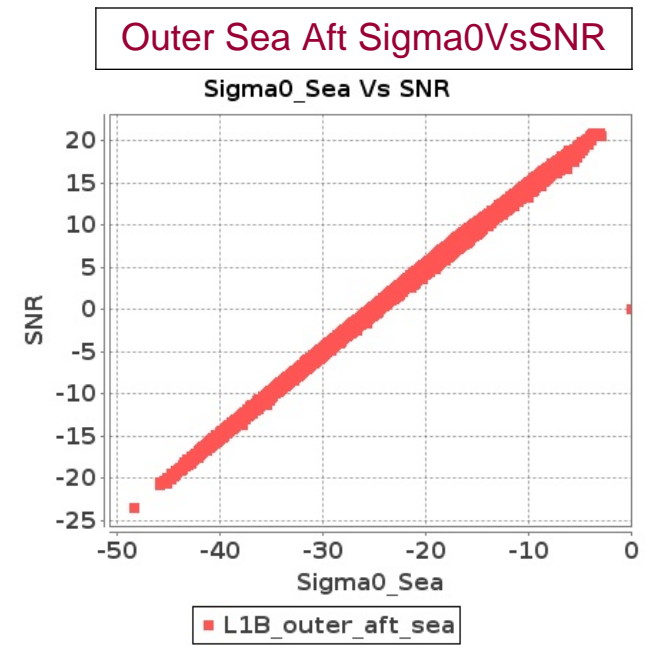
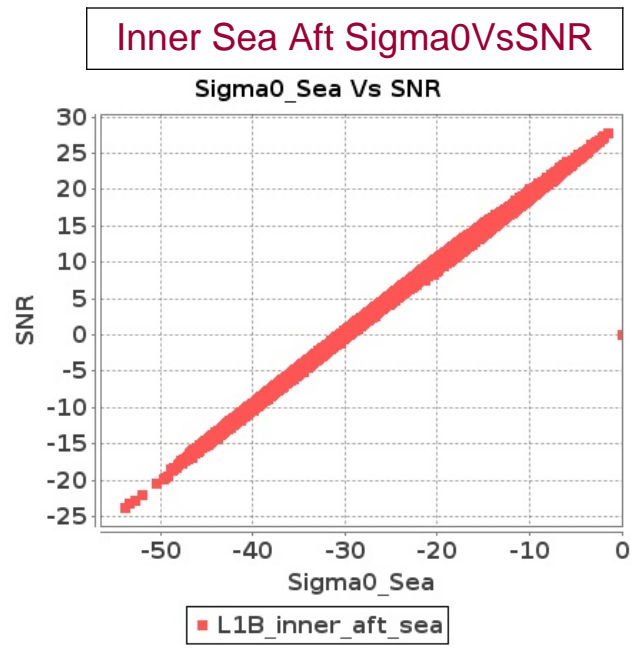
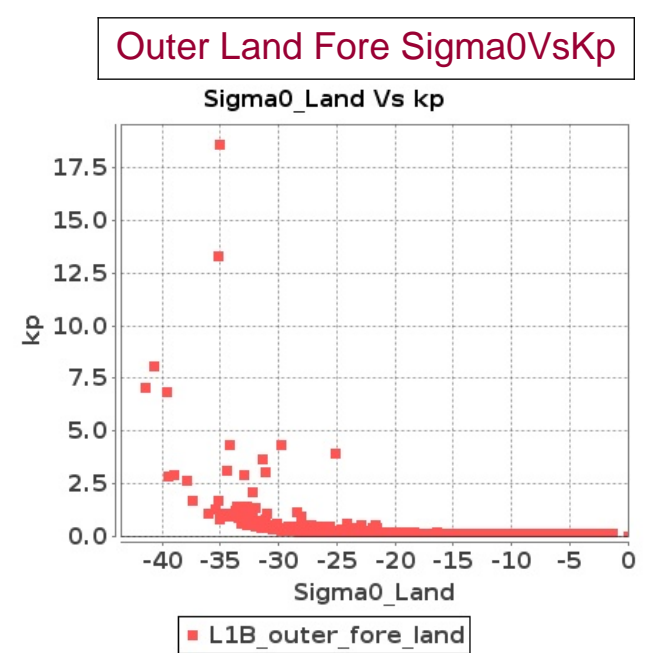
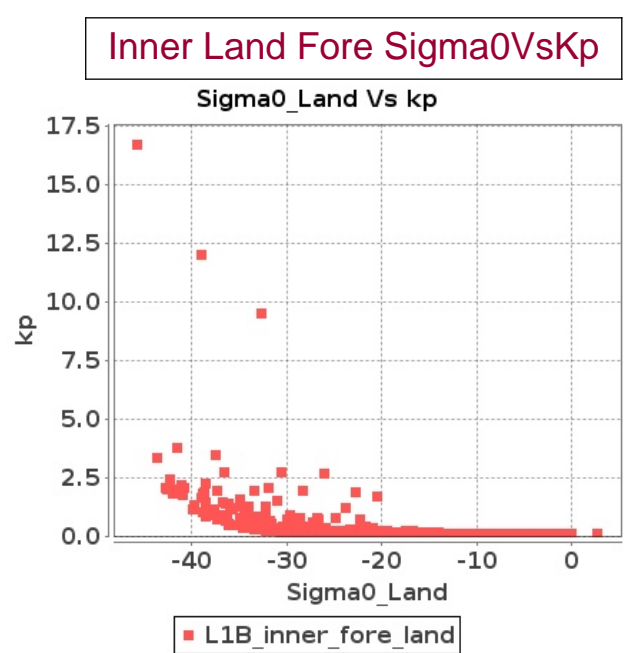
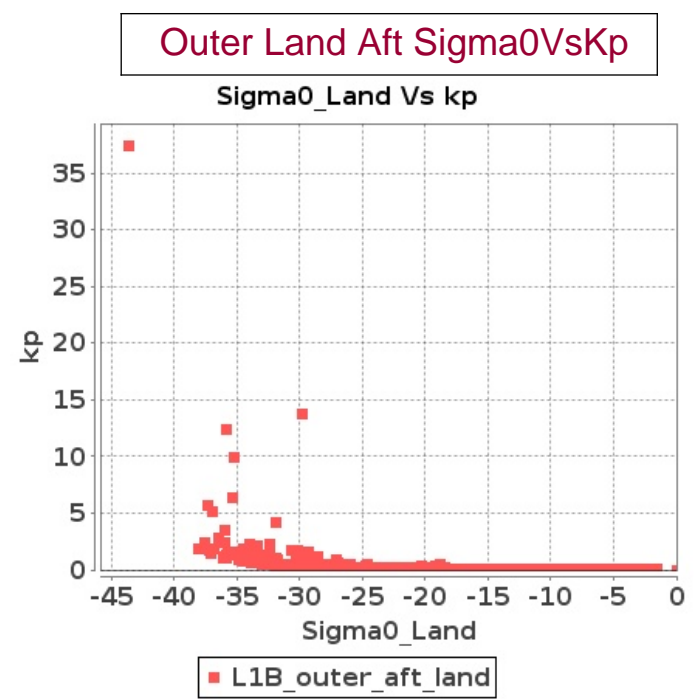
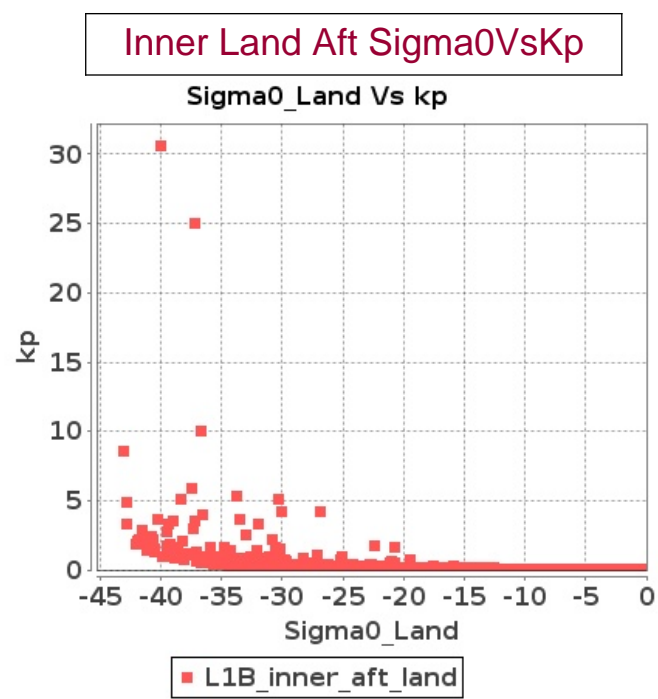
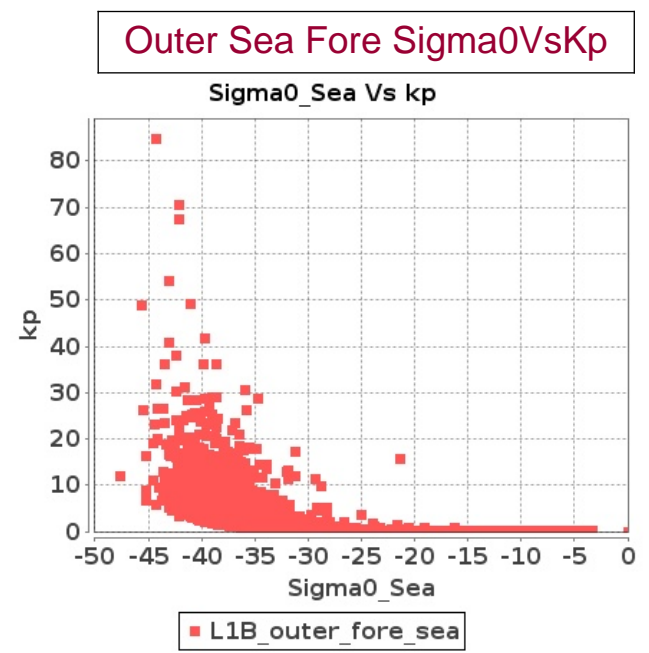
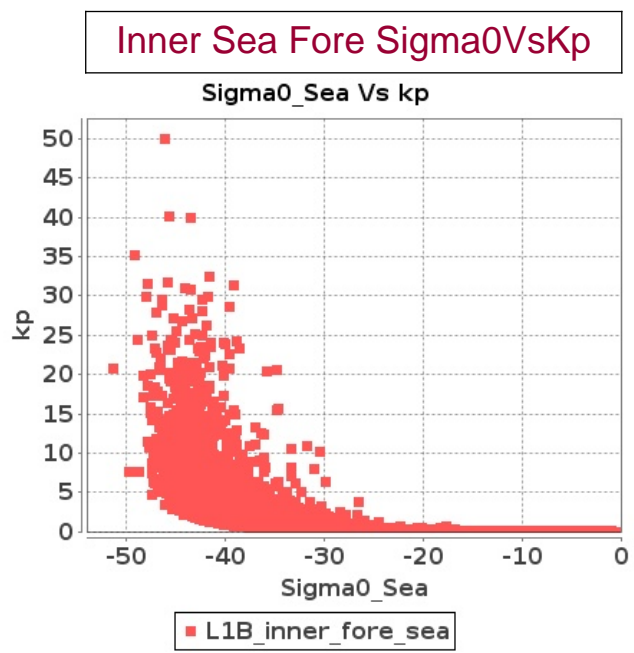
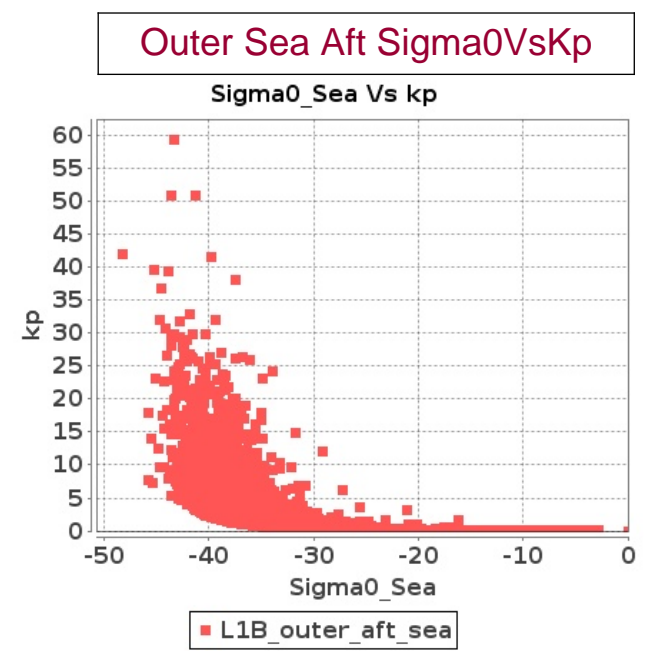
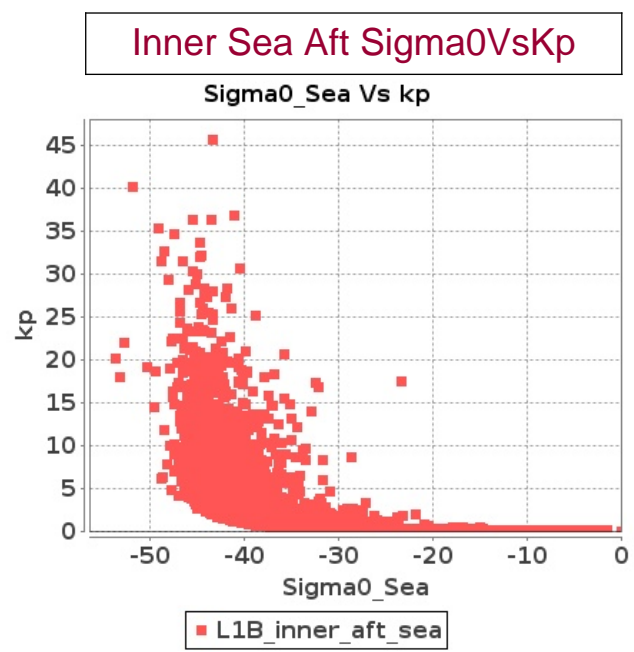


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 17-MAR-2017 To 18-MAR-2017





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

Report between 17-MAR-2017 To 18-MAR-2017

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 2492 | 2493 | NS | 1 | 48.711 | 49.456 | 0.0 | 0.003 | 6.017 | 0.209 | 1036.968 | 1095.352 | 0.0 | -91.269 | -90.06 | 0.0 |
| 2 | 2492 | 2493 | SN | 1 | 48.715 | 49.422 | 0.0 | 0.003 | 1.814 | 0.145 | 1031.736 | 1095.096 | 0.0 | -91.386 | -89.999 | 0.0 |
| 3 | 2493 | 2494 | NS | 1 | 48.754 | 49.423 | 0.0 | 0.003 | 6.011 | 0.196 | 1037.944 | 1095.528 | 0.0 | -91.397 | -90.051 | 0.0 |
| 4 | 2493 | 2494 | SN | 2 | 48.714 | 49.402 | 0.0 | 0.003 | 7.186 | 0.147 | 1031.288 | 1095.224 | 0.0 | -91.171 | -89.985 | 0.0 |
| 5 | 2494 | 2495 | SN | 1 | 48.707 | 49.439 | 0.0 | 0.003 | 6.789 | 0.143 | 1030.672 | 1095.328 | 0.0 | -91.343 | -90.011 | 0.0 |
| 6 | 2494 | 2495 | NS | 1 | 48.756 | 49.425 | 0.0 | 0.003 | 1.82 | 0.181 | 1038.104 | 1095.656 | 0.0 | -91.406 | -90.023 | 0.0 |
| 7 | 2495 | 2496 | NS | 1 | 48.757 | 49.46 | 0.0 | 0.003 | 6.028 | 0.202 | 1038.256 | 1095.584 | 0.0 | -91.385 | -90.044 | 0.0 |
| 8 | 2495 | 2496 | SN | 2 | 48.679 | 49.431 | 0.0 | 0.003 | 7.153 | 0.149 | 1030.416 | 1095.176 | 0.0 | -91.38 | -90.01 | 0.0 |
| 9 | 2496 | 2497 | NS | 1 | 48.727 | 49.467 | 0.0 | 0.003 | 341.698 | 0.191 | 1037.96 | 1095.496 | 0.0 | -91.388 | -90.06 | 0.0 |
| 10 | 2496 | 2497 | SN | 1 | 48.713 | 49.399 | 0.0 | 0.003 | 7.125 | 0.15 | 1030.896 | 1095.08 | 0.0 | -91.259 | -90.049 | 0.0 |
| 11 | 2497 | 2498 | NS | 1 | 48.72 | 49.423 | 0.0 | 0.003 | 1.82 | 0.188 | 1038.304 | 1095.344 | 0.0 | -91.318 | -90.06 | 0.0 |
| 12 | 2497 | 2498 | SN | 1 | 48.714 | 49.408 | 0.0 | 0.003 | 7.098 | 0.153 | 1030.944 | 1094.944 | 0.0 | -91.383 | -90.027 | 0.0 |
| 13 | 2498 | 2499 | SN | 1 | 48.679 | 49.42 | 0.0 | 0.003 | 7.346 | 0.152 | 1030.656 | 1094.952 | 0.0 | -91.358 | -90.029 | 0.0 |
| 14 | 2498 | 2499 | NS | 1 | 48.757 | 49.477 | 0.0 | 0.003 | 1.814 | 0.187 | 1038.248 | 1095.312 | 0.0 | -91.37 | -90.077 | 0.0 |
| 15 | 2499 | 2500 | SN | 1 | 48.715 | 49.452 | 0.0 | 0.003 | 1.814 | 0.144 | 1031.416 | 1094.88 | 0.0 | -91.209 | -90.018 | 0.0 |
| 16 | 2499 | 2500 | NS | 1 | 48.732 | 49.464 | 0.0 | 0.003 | 5.995 | 0.202 | 1037.56 | 1095.432 | 0.0 | -91.302 | -90.079 | 0.0 |
| 17 | 2500 | 2501 | NS | 2 | 48.757 | 49.424 | 0.0 | 0.003 | 6.0 | 0.206 | 1038.28 | 1095.416 | 0.0 | -91.375 | -90.064 | 0.0 |
| 18 | 2500 | 2501 | SN | 1 | 48.714 | 49.424 | 0.0 | 0.003 | 1.814 | 0.136 | 1031.496 | 1095.064 | 0.0 | -91.201 | -89.957 | 0.0 |
| 19 | 2501 | 2502 | SN | 1 | 48.672 | 49.4 | 0.0 | 0.003 | 1.814 | 0.137 | 1030.712 | 1094.92 | 0.0 | -91.014 | -90.007 | 0.0 |
| 20 | 2501 | 2502 | NS | 2 | 48.757 | 49.437 | 0.0 | 0.003 | 1.814 | 0.192 | 1038.432 | 1095.264 | 0.0 | -91.878 | -90.081 | 0.0 |
| 21 | 2502 | 2503 | NS | 1 | 48.717 | 49.457 | 0.0 | 0.003 | 1.814 | 0.187 | 1037.72 | 1095.28 | 0.0 | -91.418 | -90.078 | 0.0 |
| 22 | 2502 | 2503 | SN | 2 | 48.713 | 49.404 | 0.0 | 0.003 | 1.814 | 0.139 | 1030.904 | 1094.952 | 0.0 | -91.251 | -90.003 | 0.0 |
| 23 | 2503 | 2504 | SN | 1 | 48.678 | 49.445 | 0.0 | 0.003 | 1.814 | 0.14 | 1031.184 | 1095.024 | 0.0 | -91.369 | -90.022 | 0.0 |
| 24 | 2503 | 2504 | NS | 1 | 48.756 | 49.425 | 0.0 | 0.003 | 1.814 | 0.187 | 1037.968 | 1095.312 | 0.0 | -91.399 | -90.078 | 0.0 |
| 25 | 2504 | 2505 | NS | 1 | 48.729 | 49.424 | 0.0 | 0.003 | 6.033 | 0.198 | 1037.688 | 1095.048 | 0.0 | -91.423 | -90.076 | 0.0 |
| 26 | 2504 | 2505 | SN | 1 | 48.674 | 49.437 | 0.0 | 0.003 | 1.814 | 0.138 | 1030.8 | 1095.032 | 0.0 | -91.364 | -90.019 | 0.0 |
| 27 | 2505 | 2506 | NS | 1 | 48.756 | 49.455 | 0.0 | 0.003 | 1.814 | 0.186 | 1037.848 | 1095.416 | 0.0 | -91.61 | -90.082 | 0.0 |
| 28 | 2506 | 2507 | SN | 1 | 48.695 | 49.434 | 0.0 | 0.003 | 315.331 | 0.162 | 1030.808 | 1095.048 | 0.0 | -91.5 | -90.016 | 0.0 |
| 29 | 2507 | 2508 | SN | 1 | 48.713 | 49.401 | 0.0 | 0.003 | 7.219 | 0.154 | 1031.184 | 1094.936 | 0.0 | -91.578 | -90.008 | 0.0 |
| 30 | 2507 | 2508 | NS | 1 | 48.758 | 49.472 | 0.0 | 0.003 | 1.814 | 0.184 | 1038.456 | 1095.312 | 0.0 | -91.347 | -90.071 | 0.0 |
| 31 | 2508 | 2509 | NS | 1 | 48.759 | 49.425 | 0.0 | 0.003 | 1.814 | 0.183 | 1038.624 | 1095.536 | 0.0 | -91.755 | -90.105 | 0.0 |
| 32 | 2508 | 2509 | SN | 1 | 48.683 | 49.442 | 0.0 | 0.003 | 1.814 | 0.136 | 1030.336 | 1095.088 | 0.0 | -91.37 | -90.035 | 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 | 2509 | 2510 | SN | 1 | 48.678 | 49.399 | 0.0 | 0.003 | 7.208 | 0.146 | 1029.96 | 1095.016 | 0.0 | -91.547 | -90.046 | 0.0 |
| 34 | 2509 | 2510 | NS | 1 | 48.758 | 49.479 | 0.0 | 0.003 | 1.814 | 0.184 | 1038.616 | 1095.504 | 0.0 | -91.636 | -90.049 | 0.0 |
| 35 | 2510 | 2511 | SN | 2 | 48.689 | 49.434 | 0.0 | 0.003 | 7.181 | 0.147 | 1030.152 | 1094.896 | 0.0 | -91.258 | -90.018 | 0.0 |
| 36 | 2510 | 2511 | NS | 1 | 48.755 | 49.449 | 0.0 | 0.003 | 1.814 | 0.187 | 1038.896 | 1095.368 | 0.0 | -91.364 | -90.051 | 0.0 |
| 37 | 2511 | 2512 | NS | 1 | 48.729 | 49.424 | 0.0 | 0.003 | 5.989 | 0.203 | 1038.448 | 1095.272 | 0.0 | -91.413 | -90.088 | 0.0 |
| 38 | 2511 | 2512 | SN | 1 | 48.698 | 49.398 | 0.0 | 0.003 | 7.153 | 0.148 | 1030.144 | 1094.816 | 0.0 | -91.37 | -90.018 | 0.0 |
| 39 | 2512 | 2513 | NS | 1 | 48.743 | 49.438 | 0.0 | 0.003 | 1.814 | 0.19 | 1038.456 | 1095.16 | 0.0 | -91.294 | -90.154 | 0.0 |
| 40 | 2512 | 2513 | SN | 1 | 48.669 | 49.398 | 0.0 | 0.003 | 7.12 | 0.153 | 1030.04 | 1094.728 | 0.0 | -91.475 | -90.021 | 0.0 |
| 41 | 2513 | 2514 | SN | 1 | 48.713 | 49.399 | 0.0 | 0.003 | 7.363 | 0.157 | 1030.336 | 1094.824 | 0.0 | -91.415 | -90.011 | 0.0 |
| 42 | 2513 | 2514 | NS | 1 | 48.724 | 49.448 | 0.0 | 0.003 | 1.82 | 0.186 | 1038.488 | 1095.208 | 0.0 | -91.66 | -90.097 | 0.0 |
| 43 | 2514 | 2515 | SN | 1 | 48.713 | 49.398 | 0.0 | 0.003 | 1.814 | 0.139 | 1031.072 | 1094.84 | 0.0 | -91.256 | -90.033 | 0.0 |
| 44 | 2514 | 2515 | NS | 1 | 48.723 | 49.475 | 0.0 | 0.003 | 1.814 | 0.193 | 1038.264 | 1095.272 | 0.0 | -91.372 | -90.089 | 0.0 |
| 45 | 2515 | 2516 | NS | 1 | 48.746 | 49.425 | 0.0 | 0.003 | 6.017 | 0.205 | 1038.456 | 1095.184 | 0.0 | -91.396 | -90.087 | 0.0 |
| 46 | 2515 | 2516 | SN | 2 | 48.713 | 49.397 | 0.0 | 0.003 | 1.814 | 0.138 | 1030.912 | 1094.8 | 0.0 | -91.36 | -89.985 | 0.0 |
| 47 | 2516 | 2517 | SN | 2 | 48.688 | 49.427 | 0.0 | 0.003 | 1.814 | 0.139 | 1030.992 | 1094.688 | 0.0 | -91.336 | -89.99 | 0.0 |
| 48 | 2516 | 2517 | NS | 1 | 48.761 | 49.473 | 0.0 | 0.003 | 6.044 | 0.204 | 1038.744 | 1095.072 | 0.0 | -91.83 | -90.075 | 0.0 |
| 49 | 2517 | 2518 | NS | 1 | 48.73 | 49.468 | 0.0 | 0.003 | 1.814 | 0.188 | 1038.368 | 1095.112 | 0.0 | -91.366 | -90.086 | 0.0 |
| 50 | 2517 | 2518 | SN | 1 | 48.701 | 49.412 | 0.0 | 0.003 | 1.814 | 0.142 | 1030.864 | 1094.72 | 0.0 | -91.369 | -89.997 | 0.0 |
| 51 | 2518 | 2519 | NS | 1 | 48.733 | 49.46 | 0.0 | 0.003 | 1.814 | 0.186 | 1038.288 | 1095.072 | 0.0 | -91.41 | -90.103 | 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 | 2492 | 2493 | NS | 1 | -34.253 | 29.373 | 0.45 | -34.662 | 29.005 | 0.479 | 8.124 | 32.704 | 12.755 | 7.444 | 31.683 | 22.013 | 0.103 | 224.93 | 4.883 | 0.103 | 247.106 | 4.237 | 0.102 | 0.113 | 0.0 | 0.102 | 0.115 | 0.0 |
| 2 | 2492 | 2493 | SN | 1 | -34.264 | 26.669 | 1.496 | -32.569 | 26.932 | 2.117 | -30.157 | 31.208 | 11.658 | -27.575 | 29.338 | 14.115 | 0.103 | 225.467 | 1.959 | 0.103 | 152.655 | 1.382 | 0.103 | 87.63 | 0.037 | 0.103 | 48.402 | 0.048 |
| 3 | 2493 | 2494 | NS | 1 | -29.722 | 26.341 | 0.202 | -34.931 | 28.822 | 0.235 | -5.915 | 31.698 | 6.136 | -3.958 | 31.701 | 13.44 | 0.103 | 79.289 | 0.5 | 0.103 | 262.924 | 0.777 | 0.102 | 0.415 | 0.0 | 0.102 | 0.297 | 0.0 |
| 4 | 2493 | 2494 | SN | 2 | -34.997 | 26.428 | 1.342 | -34.985 | 26.785 | 1.573 | 5.257 | 28.487 | 9.743 | 5.438 | 31.505 | 6.975 | 0.103 | 266.988 | 6.366 | 0.103 | 266.208 | 6.241 | 0.103 | 0.123 | 0.0 | 0.103 | 0.122 | 0.0 |
| 5 | 2494 | 2495 | SN | 1 | -33.426 | 26.547 | 0.196 | -33.563 | 27.286 | 0.201 | 7.11 | 27.28 | 15.09 | 7.831 | 28.173 | 10.556 | 0.103 | 185.947 | 1.353 | 0.103 | 191.925 | 0.835 | 0.103 | 0.116 | 0.0 | 0.103 | 0.114 | 0.0 |
| 6 | 2494 | 2495 | NS | 1 | -34.857 | 26.801 | 0.056 | -34.468 | 27.928 | 0.069 | -3.615 | 28.558 | 7.764 | -9.39 | 31.844 | 12.938 | 0.103 | 258.474 | 6.816 | 0.103 | 236.392 | 8.016 | 0.103 | 0.282 | 0.0 | 0.102 | 0.816 | 0.0 |
| 7 | 2495 | 2496 | NS | 1 | -34.815 | 27.252 | 0.143 | -34.792 | 27.572 | 0.18 | -6.293 | 31.525 | 6.066 | -22.946 | 28.926 | 10.463 | 0.103 | 255.963 | 3.819 | 0.103 | 254.638 | 3.514 | 0.103 | 0.444 | 0.0 | 0.103 | 16.722 | 0.001 |
| 8 | 2495 | 2496 | SN | 2 | -34.945 | 26.126 | 0.178 | -34.301 | 26.844 | 0.189 | 6.737 | 26.978 | 14.42 | 6.372 | 27.52 | 13.45 | 0.103 | 263.727 | 2.358 | 0.103 | 227.431 | 2.227 | 0.103 | 0.117 | 0.0 | 0.103 | 0.118 | 0.0 |
| 9 | 2496 | 2497 | NS | 1 | -34.835 | 21.123 | 0.0 | -33.07 | 21.309 | 0.0 | -4.667 | 28.103 | 4.231 | -4.819 | 29.324 | 8.726 | 0.103 | 257.191 | 2.05 | 0.103 | 171.282 | 1.503 | 0.103 | 0.334 | 0.0 | 0.103 | 0.342 | 0.0 |
| 10 | 2496 | 2497 | SN | 1 | -34.946 | 25.306 | 0.101 | -34.748 | 26.008 | 0.111 | 6.388 | 27.798 | 17.358 | 7.689 | 28.648 | 22.801 | 0.103 | 263.803 | 2.919 | 0.103 | 252.1 | 2.601 | 0.103 | 0.118 | 0.0 | 0.103 | 0.114 | 0.0 |
| 11 | 2497 | 2498 | NS | 1 | -30.901 | 24.07 | 0.508 | -34.45 | 24.305 | 0.719 | -10.581 | 29.525 | 5.421 | -11.116 | 31.214 | 9.278 | 0.103 | 103.982 | 0.763 | 0.103 | 235.34 | 0.712 | 0.103 | 1.047 | 0.002 | 0.103 | 1.174 | 0.002 |
| 12 | 2497 | 2498 | SN | 1 | -34.427 | 24.482 | 0.013 | -33.921 | 25.608 | 0.014 | 6.225 | 27.845 | 14.688 | 7.926 | 29.356 | 15.466 | 0.103 | 234.129 | 3.29 | 0.103 | 208.396 | 2.611 | 0.103 | 0.119 | 0.0 | 0.103 | 0.113 | 0.0 |
| 13 | 2498 | 2499 | SN | 1 | -34.235 | 26.005 | 0.322 | -34.977 | 27.28 | 0.357 | 6.471 | 29.806 | 10.088 | 8.24 | 31.517 | 10.196 | 0.103 | 224.003 | 3.86 | 0.103 | 265.708 | 3.098 | 0.103 | 0.118 | 0.0 | 0.103 | 0.113 | 0.0 |
| 14 | 2498 | 2499 | NS | 1 | -33.628 | 26.89 | 0.429 | -34.382 | 26.479 | 0.737 | 7.559 | 28.867 | 14.687 | 7.491 | 29.407 | 23.012 | 0.103 | 194.77 | 1.259 | 0.103 | 231.726 | 1.202 | 0.103 | 0.114 | 0.0 | 0.103 | 0.115 | 0.0 |
| 15 | 2499 | 2500 | SN | 1 | -34.881 | 27.342 | 0.735 | -34.673 | 28.567 | 0.851 | -4.478 | 30.193 | 12.602 | -3.21 | 31.541 | 12.609 | 0.103 | 259.901 | 4.9 | 0.103 | 247.751 | 3.882 | 0.103 | 0.323 | 0.0 | 0.103 | 0.265 | 0.0 |
| 16 | 2499 | 2500 | NS | 1 | -34.623 | 26.666 | 0.421 | -34.572 | 26.784 | 0.516 | -1.254 | 29.231 | 13.031 | -1.005 | 29.885 | 19.643 | 0.103 | 244.891 | 0.91 | 0.103 | 242.027 | 0.886 | 0.103 | 0.203 | 0.0 | 0.103 | 0.197 | 0.0 |
| 17 | 2500 | 2501 | NS | 2 | -34.297 | 26.216 | 0.292 | -34.979 | 27.048 | 0.363 | -4.068 | 29.0 | 22.811 | -5.445 | 29.871 | 35.835 | 0.103 | 227.212 | 4.126 | 0.103 | 265.783 | 3.511 | 0.103 | 0.302 | 0.0 | 0.103 | 0.381 | 0.0 |
| 18 | 2500 | 2501 | SN | 1 | -34.9 | 28.471 | 0.671 | -34.529 | 29.041 | 0.809 | -13.992 | 29.0 | 15.868 | -0.382 | 29.557 | 14.473 | 0.103 | 261.076 | 3.806 | 0.103 | 239.649 | 3.04 | 0.103 | 2.198 | 0.005 | 0.103 | 0.184 | 0.0 |
| 19 | 2501 | 2502 | SN | 1 | -34.94 | 29.181 | 0.382 | -34.939 | 28.79 | 0.58 | -8.2 | 28.997 | 15.334 | -3.932 | 29.647 | 14.768 | 0.103 | 263.501 | 7.205 | 0.103 | 263.379 | 5.975 | 0.103 | 0.641 | 0.0 | 0.103 | 0.296 | 0.0 |
| 20 | 2501 | 2502 | NS | 2 | -34.451 | 24.282 | 0.13 | -34.688 | 24.986 | 0.085 | -4.949 | 30.424 | 13.076 | 0.085 | 34.03 | 22.51 | 0.103 | 235.452 | 3.781 | 0.103 | 248.637 | 3.361 | 0.103 | 0.35 | 0.0 | 0.102 | 0.175 | 0.0 |
| 21 | 2502 | 2503 | NS | 1 | -34.962 | 25.554 | 0.365 | -34.968 | 25.28 | 0.556 | 5.481 | 29.446 | 19.709 | 5.522 | 29.779 | 27.76 | 0.103 | 264.826 | 3.096 | 0.103 | 265.17 | 3.327 | 0.103 | 0.122 | 0.0 | 0.103 | 0.122 | 0.0 |
| 22 | 2502 | 2503 | SN | 2 | -34.652 | 26.896 | 0.148 | -34.999 | 27.967 | 0.631 | -17.547 | 28.935 | 13.32 | -34.473 | 29.958 | 11.176 | 0.103 | 246.611 | 3.331 | 0.103 | 267.027 | 3.102 | 0.103 | 4.881 | 0.001 | 0.103 | 236.627 | 0.025 |
| 23 | 2503 | 2504 | SN | 1 | -32.796 | 26.862 | 0.124 | -34.286 | 27.605 | 0.978 | -6.038 | 29.364 | 14.287 | -3.663 | 29.641 | 14.271 | 0.103 | 160.845 | 2.313 | 0.103 | 239.27 | 2.36 | 0.103 | 0.424 | 0.0 | 0.103 | 0.284 | 0.0 |
| 24 | 2503 | 2504 | NS | 1 | -34.182 | 24.324 | 0.152 | -34.954 | 24.361 | 0.169 | 12.27 | 28.244 | 28.339 | 12.427 | 29.157 | 38.224 | 0.103 | 221.291 | 1.764 | 0.103 | 264.299 | 1.669 | 0.103 | 0.106 | 0.0 | 0.103 | 0.106 | 0.0 |
| 25 | 2504 | 2505 | NS | 1 | -34.993 | 26.579 | 0.368 | -34.804 | 26.771 | 0.3 | 8.837 | 28.041 | 13.834 | 9.03 | 29.136 | 27.162 | 0.103 | 266.712 | 3.096 | 0.103 | 255.344 | 2.376 | 0.103 | 0.111 | 0.0 | 0.103 | 0.111 | 0.0 |
| 26 | 2504 | 2505 | SN | 1 | -34.826 | 26.76 | 0.185 | -34.45 | 27.436 | 0.661 | -7.243 | 29.011 | 33.219 | -5.642 | 30.051 | 37.887 | 0.103 | 256.644 | 1.114 | 0.103 | 235.388 | 0.984 | 0.103 | 0.531 | 0.0 | 0.103 | 0.411 | 0.0 |
| 27 | 2505 | 2506 | NS | 1 | -34.611 | 27.416 | 0.701 | -34.926 | 28.029 | 0.662 | 8.249 | 28.843 | 19.165 | 8.025 | 28.883 | 27.377 | 0.103 | 244.207 | 3.876 | 0.103 | 262.662 | 4.043 | 0.103 | 0.113 | 0.0 | 0.103 | 0.113 | 0.0 |
| 28 | 2506 | 2507 | SN | 1 | -34.854 | 23.819 | 0.567 | -31.576 | 23.949 | 1.003 | -14.308 | 28.685 | 9.86 | -7.022 | 28.592 | 11.74 | 0.103 | 258.258 | 1.488 | 0.103 | 121.442 | 0.911 | 0.103 | 2.358 | 0.005 | 0.103 | 0.509 | 0.0 |
| 29 | 2507 | 2508 | SN | 1 | -34.765 | 25.886 | 0.496 | -34.97 | 26.555 | 0.9 | -28.297 | 29.437 | 10.224 | -27.982 | 29.587 | 8.788 | 0.103 | 253.083 | 6.838 | 0.103 | 265.278 | 5.834 | 0.103 | 57.134 | 0.056 | 0.103 | 53.146 | 0.068 |
| 30 | 2507 | 2508 | NS | 1 | -34.897 | 29.093 | 0.399 | -34.51 | 29.116 | 0.467 | 6.544 | 33.573 | 9.787 | 6.547 | 36.383 | 18.33 | 0.103 | 260.814 | 2.167 | 0.103 | 238.654 | 2.27 | 0.102 | 0.118 | 0.0 | 0.102 | 0.118 | 0.0 |
| 31 | 2508 | 2509 | NS | 1 | -34.937 | 27.359 | 0.135 | -34.809 | 27.443 | 0.163 | -6.734 | 28.685 | 6.252 | -12.226 | 29.598 | 11.958 | 0.103 | 263.304 | 5.573 | 0.103 | 255.614 | 6.157 | 0.103 | 0.482 | 0.0 | 0.103 | 1.491 | 0.002 |
| 32 | 2508 | 2509 | SN | 1 | -34.895 | 25.435 | 0.279 | -34.547 | 25.673 | 0.297 | 5.385 | 29.641 | 11.833 | 5.884 | 29.041 | 7.862 | 0.103 | 260.785 | 5.067 | 0.103 | 251.13 | 4.074 | 0.103 | 0.122 | 0.0 | 0.103 | 0.12 | 0.0 |
| 33 | 2509 | 2510 | SN | 1 | -34.62 | 26.695 | 0.206 | -34.908 | 26.672 | 0.217 | 6.843 | 27.644 | 14.276 | 7.157 | 28.403 | 11.721 | 0.103 | 244.718 | 2.399 | 0.103 | 261.478 | 2.421 | 0.103 | 0.117 | 0.0 | 0.103 | 0.116 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 34 | 2509 | 2510 | NS | 1 | -34.824 | 26.813 | 0.057 | -34.95 | 27.518 | 0.056 | -2.818 | 28.45 | 7.412 | -2.633 | 29.163 | 12.939 | 0.103 | 256.566 | 5.77 | 0.103 | 264.021 | 6.275 | 0.103 | 0.25 | 0.0 | 0.103 | 0.243 | 0.0 |
| 35 | 2510 | 2511 | SN | 2 | -34.699 | 26.827 | 0.247 | -33.975 | 26.876 | 0.267 | 6.668 | 28.697 | 19.48 | 7.106 | 28.12 | 23.197 | 0.103 | 249.199 | 2.125 | 0.103 | 211.011 | 1.701 | 0.103 | 0.117 | 0.0 | 0.103 | 0.116 | 0.0 |
| 36 | 2510 | 2511 | NS | 1 | -34.866 | 20.787 | 0.0 | -32.883 | 23.611 | 0.002 | -24.297 | 28.219 | 4.28 | -24.145 | 28.904 | 8.046 | 0.103 | 258.993 | 1.421 | 0.103 | 164.062 | 1.451 | 0.103 | 22.796 | 0.033 | 0.103 | 22.014 | 0.015 |
| 37 | 2511 | 2512 | NS | 1 | -33.491 | 22.805 | 0.015 | -31.532 | 22.689 | 0.018 | -10.689 | 27.438 | 5.765 | -21.401 | 28.416 | 10.172 | 0.103 | 188.718 | 0.832 | 0.103 | 120.272 | 0.651 | 0.103 | 1.072 | 0.002 | 0.103 | 11.738 | 0.007 |
| 38 | 2511 | 2512 | SN | 1 | -34.66 | 24.146 | 0.009 | -34.914 | 25.096 | 0.024 | 5.436 | 27.639 | 16.306 | 7.277 | 28.785 | 20.009 | 0.103 | 247.003 | 2.327 | 0.103 | 261.909 | 2.022 | 0.103 | 0.122 | 0.0 | 0.103 | 0.115 | 0.0 |
| 39 | 2512 | 2513 | NS | 1 | -34.869 | 26.095 | 0.482 | -34.832 | 26.756 | 0.731 | -7.374 | 29.104 | 9.793 | -6.616 | 29.294 | 14.636 | 0.103 | 259.206 | 1.468 | 0.103 | 257.017 | 1.26 | 0.103 | 0.545 | 0.0 | 0.103 | 0.472 | 0.0 |
| 40 | 2512 | 2513 | SN | 1 | -34.532 | 24.842 | 0.02 | -34.317 | 25.896 | 0.016 | 6.43 | 29.899 | 11.829 | 7.457 | 30.277 | 11.166 | 0.103 | 239.796 | 5.29 | 0.103 | 228.25 | 4.149 | 0.103 | 0.118 | 0.0 | 0.103 | 0.115 | 0.0 |
| 41 | 2513 | 2514 | SN | 1 | -34.861 | 26.559 | 0.433 | -34.786 | 27.294 | 0.485 | 5.87 | 34.331 | 11.309 | 6.454 | 35.337 | 11.149 | 0.103 | 258.768 | 3.059 | 0.103 | 254.257 | 2.313 | 0.102 | 0.12 | 0.0 | 0.102 | 0.118 | 0.0 |
| 42 | 2513 | 2514 | NS | 1 | -34.069 | 26.748 | 0.746 | -34.263 | 26.702 | 1.067 | 7.771 | 29.053 | 10.908 | 6.854 | 29.723 | 17.396 | 0.103 | 215.622 | 2.139 | 0.103 | 225.421 | 2.152 | 0.103 | 0.114 | 0.0 | 0.103 | 0.117 | 0.0 |
| 43 | 2514 | 2515 | SN | 1 | -34.917 | 27.586 | 0.499 | -34.147 | 27.413 | 0.633 | -10.655 | 28.527 | 14.175 | -24.23 | 29.743 | 13.426 | 0.103 | 262.079 | 4.624 | 0.103 | 219.446 | 3.379 | 0.103 | 1.064 | 0.002 | 0.103 | 22.448 | 0.002 |
| 44 | 2514 | 2515 | NS | 1 | -34.787 | 26.391 | 0.389 | -34.459 | 27.076 | 0.456 | -0.951 | 28.949 | 13.408 | 3.781 | 29.91 | 23.799 | 0.103 | 254.374 | 1.994 | 0.103 | 235.889 | 1.596 | 0.103 | 0.196 | 0.0 | 0.103 | 0.132 | 0.0 |
| 45 | 2515 | 2516 | NS | 1 | -34.812 | 26.825 | 0.522 | -34.716 | 26.575 | 0.574 | -28.18 | 28.759 | 14.919 | -22.818 | 29.659 | 26.98 | 0.103 | 260.117 | 4.839 | 0.103 | 250.215 | 5.627 | 0.103 | 55.609 | 0.075 | 0.103 | 16.238 | 0.035 |
| 46 | 2515 | 2516 | SN | 2 | -34.507 | 28.807 | 0.69 | -34.933 | 30.123 | 0.873 | -7.192 | 29.011 | 15.477 | -7.179 | 30.031 | 14.307 | 0.103 | 238.506 | 6.031 | 0.103 | 263.042 | 4.612 | 0.103 | 0.526 | 0.0 | 0.103 | 0.525 | 0.0 |
| 47 | 2516 | 2517 | SN | 2 | -34.812 | 26.353 | 0.151 | -34.792 | 28.375 | 0.434 | -9.877 | 30.929 | 16.207 | -8.743 | 29.698 | 15.967 | 0.103 | 255.796 | 3.629 | 0.103 | 254.58 | 3.517 | 0.103 | 0.903 | 0.0 | 0.103 | 0.715 | 0.0 |
| 48 | 2516 | 2517 | NS | 1 | -34.165 | 24.766 | 0.248 | -34.53 | 25.122 | 0.309 | 5.549 | 29.947 | 15.594 | 5.854 | 33.669 | 24.548 | 0.103 | 220.402 | 3.985 | 0.103 | 239.751 | 4.117 | 0.103 | 0.122 | 0.0 | 0.102 | 0.12 | 0.0 |
| 49 | 2517 | 2518 | NS | 1 | -34.922 | 24.692 | 0.194 | -34.898 | 24.517 | 0.343 | 9.077 | 28.556 | 25.268 | 8.998 | 29.101 | 35.441 | 0.103 | 262.39 | 3.049 | 0.103 | 260.957 | 2.896 | 0.103 | 0.111 | 0.0 | 0.103 | 0.111 | 0.0 |
| 50 | 2517 | 2518 | SN | 1 | -32.836 | 27.443 | 0.175 | -32.787 | 27.97 | 0.925 | -34.515 | 28.88 | 13.871 | -27.3 | 29.58 | 12.474 | 0.103 | 162.362 | 1.655 | 0.103 | 160.5 | 1.612 | 0.103 | 238.865 | 0.031 | 0.103 | 45.426 | 0.037 |
| 51 | 2518 | 2519 | NS | 1 | -34.813 | 26.702 | 0.511 | -34.971 | 26.763 | 0.523 | 11.858 | 28.872 | 26.773 | 12.01 | 28.864 | 34.745 | 0.103 | 255.88 | 4.318 | 0.103 | 265.364 | 3.911 | 0.103 | 0.107 | 0.0 | 0.103 | 0.107 | 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 | 2492 | 2493 | NS | 1 | 57.589 | 58.399 | 0.0 | 0.003 | 29.599 | 0.203 | 1217.344 | 1290.08 | 16.104 | -93.144 | -92.07 | 0.0 |
| 2 | 2492 | 2493 | SN | 1 | 57.569 | 58.367 | 0.0 | 0.003 | 1.985 | 0.215 | 1210.912 | 1289.616 | 12.644 | -93.312 | -92.0 | 0.0 |
| 3 | 2493 | 2494 | NS | 1 | 57.62 | 58.401 | 0.0 | 0.003 | 29.312 | 0.192 | 1218.328 | 1290.304 | 15.133 | -93.076 | -92.055 | 0.0 |
| 4 | 2493 | 2494 | SN | 2 | 57.568 | 58.368 | 0.0 | 0.003 | 11.885 | 0.209 | 1210.4 | 1289.768 | 11.997 | -92.972 | -92.012 | 0.0 |
| 5 | 2494 | 2495 | SN | 1 | 57.548 | 58.383 | 0.0 | 0.003 | 9.828 | 0.202 | 1209.568 | 1289.904 | 11.655 | -93.141 | -92.033 | 0.0 |
| 6 | 2494 | 2495 | NS | 1 | 57.592 | 58.416 | 0.0 | 0.003 | 1.991 | 0.151 | 1218.512 | 1290.504 | 15.29 | -93.117 | -92.026 | 0.0 |
| 7 | 2495 | 2496 | NS | 1 | 57.623 | 58.429 | 0.0 | 0.003 | 28.843 | 0.195 | 1218.48 | 1290.408 | 15.772 | -93.173 | -92.061 | 0.0 |
| 8 | 2495 | 2496 | SN | 2 | 57.542 | 58.392 | 0.0 | 0.003 | 11.78 | 0.203 | 1209.456 | 1289.704 | 11.564 | -93.106 | -92.032 | 0.0 |
| 9 | 2496 | 2497 | NS | 1 | 57.57 | 58.426 | 0.0 | 0.003 | 1.985 | 0.157 | 1218.24 | 1290.296 | 16.038 | -93.154 | -92.08 | 0.0 |
| 10 | 2496 | 2497 | SN | 1 | 57.555 | 58.388 | 0.0 | 0.003 | 11.675 | 0.205 | 1209.408 | 1289.6 | 11.299 | -93.194 | -92.069 | 0.0 |
| 11 | 2497 | 2498 | NS | 1 | 57.599 | 58.401 | 0.0 | 0.003 | 1.985 | 0.158 | 1217.968 | 1290.096 | 15.37 | -93.145 | -92.08 | 0.0 |
| 12 | 2497 | 2498 | SN | 1 | 57.568 | 58.371 | 0.0 | 0.003 | 11.559 | 0.209 | 1209.472 | 1289.448 | 11.36 | -93.143 | -92.047 | 0.0 |
| 13 | 2498 | 2499 | SN | 1 | 57.557 | 58.366 | 0.0 | 0.003 | 12.982 | 0.215 | 1209.696 | 1289.464 | 12.156 | -93.157 | -92.05 | 0.0 |
| 14 | 2498 | 2499 | NS | 1 | 57.598 | 58.418 | 0.0 | 0.003 | 1.98 | 0.157 | 1218.696 | 1290.072 | 14.655 | -93.249 | -92.099 | 0.0 |
| 15 | 2499 | 2500 | SN | 1 | 57.569 | 58.366 | 0.0 | 0.003 | 340.165 | 0.205 | 1210.36 | 1289.376 | 11.183 | -93.129 | -92.009 | 0.0 |
| 16 | 2499 | 2500 | NS | 1 | 57.622 | 58.401 | 0.0 | 0.0 | 29.891 | 0.194 | 1218.576 | 1290.232 | 14.657 | -93.362 | -92.102 | 0.0 |
| 17 | 2500 | 2501 | NS | 2 | 57.623 | 58.418 | 0.0 | 0.003 | 29.969 | 0.204 | 1218.736 | 1290.208 | 16.361 | -93.174 | -92.1 | 0.0 |
| 18 | 2500 | 2501 | SN | 1 | 57.557 | 58.367 | 0.0 | 0.003 | 1.985 | 0.197 | 1210.256 | 1289.584 | 11.829 | -93.108 | -91.976 | 0.0 |
| 19 | 2501 | 2502 | SN | 1 | 57.546 | 58.387 | 0.0 | 0.003 | 1.985 | 0.198 | 1209.816 | 1289.4 | 11.88 | -92.977 | -92.036 | 0.0 |
| 20 | 2501 | 2502 | NS | 2 | 57.624 | 58.416 | 0.0 | 0.003 | 1.985 | 0.157 | 1218.768 | 1290.032 | 15.884 | -93.304 | -92.104 | 0.0 |
| 21 | 2502 | 2503 | NS | 1 | 57.608 | 58.426 | 0.0 | 0.003 | 1.985 | 0.154 | 1218.248 | 1290.04 | 15.726 | -93.176 | -92.1 | 0.0 |
| 22 | 2502 | 2503 | SN | 2 | 57.554 | 58.364 | 0.0 | 0.003 | 247.243 | 0.207 | 1210.248 | 1289.448 | 12.191 | -93.14 | -92.032 | 0.0 |
| 23 | 2503 | 2504 | SN | 1 | 57.535 | 58.392 | 0.0 | 0.003 | 1.985 | 0.202 | 1210.008 | 1289.528 | 12.002 | -93.111 | -92.033 | 0.0 |
| 24 | 2503 | 2504 | NS | 1 | 57.594 | 58.409 | 0.0 | 0.003 | 1.985 | 0.155 | 1218.424 | 1290.096 | 15.569 | -93.178 | -92.101 | 0.0 |
| 25 | 2504 | 2505 | NS | 1 | 57.595 | 58.409 | 0.0 | 0.003 | 29.781 | 0.188 | 1217.856 | 1289.872 | 9.551 | -93.152 | -92.099 | 0.0 |
| 26 | 2504 | 2505 | SN | 1 | 57.549 | 58.384 | 0.0 | 0.003 | 1.985 | 0.2 | 1210.144 | 1289.528 | 11.983 | -93.162 | -92.037 | 0.0 |
| 27 | 2505 | 2506 | NS | 1 | 57.622 | 58.415 | 0.0 | 0.003 | 1.985 | 0.155 | 1218.024 | 1290.216 | 15.958 | -93.367 | -92.106 | 0.0 |
| 28 | 2506 | 2507 | SN | 1 | 57.551 | 58.366 | 0.0 | 0.003 | 12.243 | 0.226 | 1210.392 | 1289.552 | 12.346 | -93.132 | -92.03 | 0.0 |
| 29 | 2507 | 2508 | SN | 1 | 57.565 | 58.389 | 0.0 | 0.003 | 12.177 | 0.215 | 1209.576 | 1289.4 | 11.893 | -93.317 | -92.02 | 0.0 |
| 30 | 2507 | 2508 | NS | 1 | 57.596 | 58.4 | 0.0 | 0.003 | 1.985 | 0.153 | 1218.672 | 1290.056 | 15.726 | -93.152 | -92.085 | 0.0 |
| 31 | 2508 | 2509 | NS | 1 | 57.622 | 58.426 | 0.0 | 0.003 | 1.985 | 0.15 | 1219.152 | 1290.352 | 15.285 | -93.213 | -92.112 | 0.0 |
| 32 | 2508 | 2509 | SN | 1 | 57.535 | 58.375 | 0.0 | 0.003 | 1.98 | 0.202 | 1209.224 | 1289.584 | 11.285 | -93.164 | -92.061 | 0.0 |
| 33 | 2509 | 2510 | SN | 1 | 57.542 | 58.373 | 0.0 | 0.003 | 12.089 | 0.204 | 1208.944 | 1289.504 | 11.557 | -93.162 | -92.065 | 0.0 |
| 34 | 2509 | 2510 | NS | 1 | 57.619 | 58.425 | 0.0 | 0.003 | 1.985 | 0.152 | 1218.744 | 1290.296 | 15.314 | -93.195 | -92.048 | 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 | 2510 | 2511 | SN | 2 | 57.56 | 58.376 | 0.0 | 0.003 | 12.017 | 0.205 | 1209.136 | 1289.368 | 11.444 | -93.176 | -92.038 | 0.0 |
| 36 | 2510 | 2511 | NS | 1 | 57.595 | 58.431 | 0.0 | 0.003 | 1.985 | 0.155 | 1219.472 | 1290.144 | 16.005 | -93.179 | -92.079 | 0.0 |
| 37 | 2511 | 2512 | NS | 1 | 57.597 | 58.418 | 0.0 | 0.003 | 28.777 | 0.201 | 1218.888 | 1290.024 | 16.04 | -93.165 | -92.11 | 0.0 |
| 38 | 2511 | 2512 | SN | 1 | 57.547 | 58.388 | 0.0 | 0.003 | 11.901 | 0.206 | 1209.136 | 1289.28 | 11.529 | -93.193 | -92.039 | 0.0 |
| 39 | 2512 | 2513 | NS | 1 | 57.62 | 58.401 | 0.0 | 0.003 | 1.985 | 0.156 | 1218.968 | 1289.896 | 14.254 | -93.251 | -92.177 | 0.0 |
| 40 | 2512 | 2513 | SN | 1 | 57.534 | 58.385 | 0.0 | 0.003 | 343.336 | 0.213 | 1209.128 | 1289.176 | 11.631 | -93.196 | -92.042 | 0.0 |
| 41 | 2513 | 2514 | SN | 1 | 57.566 | 58.363 | 0.0 | 0.003 | 13.071 | 0.215 | 1209.376 | 1289.304 | 11.999 | -93.255 | -92.03 | 0.0 |
| 42 | 2513 | 2514 | NS | 1 | 57.595 | 58.401 | 0.0 | 0.003 | 180.175 | 0.154 | 1218.952 | 1289.96 | 14.815 | -93.182 | -92.117 | 0.0 |
| 43 | 2514 | 2515 | SN | 1 | 57.535 | 58.363 | 0.0 | 0.003 | 1.985 | 0.201 | 1210.048 | 1289.32 | 11.153 | -93.105 | -92.053 | 0.0 |
| 44 | 2514 | 2515 | NS | 1 | 57.607 | 58.429 | 0.0 | 0.003 | 1.98 | 0.157 | 1218.608 | 1290.04 | 15.735 | -93.277 | -92.112 | 0.0 |
| 45 | 2515 | 2516 | NS | 1 | 57.622 | 58.402 | 0.0 | 0.003 | 29.411 | 0.202 | 1218.992 | 1289.944 | 16.205 | -93.186 | -92.105 | 0.0 |
| 46 | 2515 | 2516 | SN | 2 | 57.566 | 58.362 | 0.0 | 0.003 | 1.985 | 0.198 | 1209.704 | 1289.272 | 11.285 | -93.311 | -91.988 | 0.0 |
| 47 | 2516 | 2517 | SN | 2 | 57.545 | 58.386 | 0.0 | 0.003 | 1.985 | 0.205 | 1209.264 | 1289.128 | 11.823 | -93.124 | -92.028 | 0.0 |
| 48 | 2516 | 2517 | NS | 1 | 57.629 | 58.412 | 0.0 | 0.003 | 29.544 | 0.197 | 1219.032 | 1289.784 | 15.801 | -93.6 | -92.085 | 0.0 |
| 49 | 2517 | 2518 | NS | 1 | 57.6 | 58.417 | 0.0 | 0.003 | 1.98 | 0.151 | 1218.8 | 1289.848 | 15.551 | -93.171 | -92.109 | 0.0 |
| 50 | 2517 | 2518 | SN | 1 | 57.554 | 58.384 | 0.0 | 0.003 | 1.985 | 0.206 | 1209.2 | 1289.16 | 11.966 | -93.145 | -92.01 | 0.0 |
| 51 | 2518 | 2519 | NS | 1 | 57.61 | 58.423 | 0.0 | 0.003 | 1.985 | 0.156 | 1219.104 | 1289.808 | 15.716 | -93.189 | -92.129 | 0.0 |

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|--------------------------|------------|-----------|------------|--------|----------|
| 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 | 2492 | 2493 | NS | 1 | -34.807 | 22.251 | 0.002 | -34.868 | 22.235 | 0.003 | 1.824 | 23.592 | 0.005 | 1.86 | 22.812 | 0.049 | 0.08 | 202.228 | 3.258 | 0.08 | 205.029 | 3.212 | 0.08 | 0.117 | 0.0 | 0.08 | 0.117 | 0.0 |
| 2 | 2492 | 2493 | SN | 1 | -34.957 | 20.459 | 0.0 | -34.38 | 20.948 | 0.0 | -20.544 | 22.483 | 0.004 | -23.98 | 22.891 | 0.067 | 0.08 | 209.292 | 1.756 | 0.08 | 183.31 | 1.232 | 0.08 | 7.636 | 0.02 | 0.08 | 16.768 | 0.025 |
| 3 | 2493 | 2494 | NS | 1 | -33.492 | 20.456 | 0.0 | -32.281 | 21.442 | 0.0 | -28.707 | 21.923 | 0.0 | -10.623 | 22.806 | 0.024 | 0.08 | 149.433 | 0.622 | 0.08 | 113.066 | 0.749 | 0.08 | 49.69 | 0.002 | 0.08 | 0.834 | 0.0 |
| 4 | 2493 | 2494 | SN | 2 | -34.885 | 19.346 | 0.0 | -34.787 | 20.521 | 0.0 | 1.886 | 21.957 | 0.0 | 1.877 | 22.853 | 0.088 | 0.08 | 205.864 | 5.165 | 0.08 | 201.306 | 4.905 | 0.08 | 0.116 | 0.0 | 0.08 | 0.116 | 0.0 |
| 5 | 2494 | 2495 | SN | 1 | -33.356 | 20.22 | 0.0 | -33.567 | 20.806 | 0.0 | 1.841 | 21.675 | 0.0 | 2.66 | 21.367 | 0.0 | 0.08 | 144.793 | 0.965 | 0.08 | 151.96 | 0.561 | 0.08 | 0.117 | 0.0 | 0.08 | 0.11 | 0.0 |
| 6 | 2494 | 2495 | NS | 1 | -34.959 | 20.611 | 0.0 | -34.931 | 20.883 | 0.0 | -7.605 | 22.257 | 0.004 | -23.455 | 22.427 | 0.006 | 0.08 | 209.379 | 6.068 | 0.08 | 208.048 | 6.567 | 0.08 | 0.449 | 0.0 | 0.08 | 14.87 | 0.031 |
| 7 | 2495 | 2496 | NS | 1 | -34.611 | 20.863 | 0.0 | -33.717 | 20.62 | 0.0 | -24.694 | 22.289 | 0.003 | -25.457 | 22.28 | 0.003 | 0.08 | 193.305 | 3.39 | 0.08 | 157.348 | 3.673 | 0.08 | 19.76 | 0.008 | 0.08 | 23.543 | 0.049 |
| 8 | 2495 | 2496 | SN | 2 | -34.945 | 20.272 | 0.0 | -34.99 | 20.391 | 0.0 | 0.696 | 22.209 | 0.028 | 1.58 | 22.255 | 0.045 | 0.08 | 208.724 | 1.859 | 0.08 | 210.912 | 1.837 | 0.08 | 0.129 | 0.0 | 0.08 | 0.119 | 0.0 |
| 9 | 2496 | 2497 | NS | 1 | -34.892 | 16.532 | 0.0 | -34.089 | 16.434 | 0.0 | -25.978 | 22.696 | 0.015 | -16.543 | 22.675 | 0.012 | 0.081 | 206.239 | 1.846 | 0.081 | 171.446 | 1.911 | 0.08 | 26.537 | 0.003 | 0.08 | 3.077 | 0.002 |
| 10 | 2496 | 2497 | SN | 1 | -34.767 | 19.845 | 0.0 | -34.383 | 20.435 | 0.0 | 0.616 | 21.972 | 0.0 | 2.254 | 22.212 | 0.033 | 0.08 | 200.337 | 2.256 | 0.08 | 183.409 | 2.016 | 0.08 | 0.13 | 0.0 | 0.08 | 0.113 | 0.0 |
| 11 | 2497 | 2498 | NS | 1 | -33.661 | 19.522 | 0.0 | -32.626 | 19.25 | 0.0 | -34.06 | 21.474 | 0.0 | -17.49 | 22.263 | 0.002 | 0.08 | 155.333 | 0.712 | 0.08 | 122.384 | 0.795 | 0.08 | 170.248 | 0.083 | 0.08 | 3.811 | 0.02 |
| 12 | 2497 | 2498 | SN | 1 | -34.881 | 18.844 | 0.0 | -34.773 | 19.038 | 0.0 | 0.97 | 22.15 | 0.004 | 3.139 | 21.816 | 0.0 | 0.08 | 205.72 | 3.464 | 0.08 | 200.649 | 2.859 | 0.08 | 0.126 | 0.0 | 0.08 | 0.107 | 0.0 |
| 13 | 2498 | 2499 | SN | 1 | -34.982 | 20.62 | 0.0 | -34.92 | 20.783 | 0.0 | 0.683 | 23.481 | 0.116 | 2.394 | 23.796 | 0.422 | 0.08 | 210.527 | 3.293 | 0.08 | 207.565 | 2.962 | 0.08 | 0.129 | 0.0 | 0.08 | 0.112 | 0.0 |
| 14 | 2498 | 2499 | NS | 1 | -34.335 | 20.125 | 0.0 | -34.878 | 20.453 | 0.0 | 2.796 | 22.303 | 0.047 | 1.872 | 22.809 | 0.131 | 0.08 | 181.416 | 1.245 | 0.08 | 205.579 | 1.194 | 0.08 | 0.109 | 0.0 | 0.08 | 0.117 | 0.0 |
| 15 | 2499 | 2500 | SN | 1 | -34.908 | 21.306 | 0.0 | -34.679 | 21.483 | 0.0 | -14.107 | 22.696 | 0.06 | -6.602 | 23.626 | 0.288 | 0.08 | 206.94 | 3.567 | 0.08 | 196.3 | 2.945 | 0.08 | 1.783 | 0.003 | 0.08 | 0.37 | 0.0 |
| 16 | 2499 | 2500 | NS | 1 | -34.719 | 19.992 | 0.0 | -34.688 | 20.761 | 0.0 | 1.328 | 23.317 | 0.27 | -1.011 | 23.272 | 0.585 | 0.08 | 204.455 | 1.547 | 0.08 | 196.767 | 1.486 | 0.08 | 0.122 | 0.0 | 0.08 | 0.154 | 0.0 |
| 17 | 2500 | 2501 | NS | 2 | -34.855 | 19.74 | 0.0 | -34.699 | 20.88 | 0.0 | -5.807 | 23.122 | 0.415 | -7.114 | 23.75 | 1.173 | 0.08 | 204.472 | 4.271 | 0.08 | 197.267 | 4.003 | 0.08 | 0.32 | 0.0 | 0.08 | 0.408 | 0.0 |
| 18 | 2500 | 2501 | SN | 1 | -34.239 | 22.17 | 0.003 | -34.49 | 23.425 | 0.009 | -24.221 | 22.523 | 0.016 | -6.192 | 24.48 | 0.331 | 0.08 | 177.452 | 3.311 | 0.08 | 187.986 | 2.84 | 0.08 | 17.727 | 0.034 | 0.08 | 0.343 | 0.0 |
| 19 | 2501 | 2502 | SN | 1 | -34.393 | 21.739 | 0.0 | -34.776 | 23.386 | 0.003 | -28.331 | 22.545 | 0.057 | -25.171 | 24.228 | 0.44 | 0.08 | 183.798 | 5.671 | 0.08 | 200.758 | 5.271 | 0.08 | 45.569 | 0.131 | 0.08 | 22.042 | 0.11 |
| 20 | 2501 | 2502 | NS | 2 | -34.92 | 20.62 | 0.0 | -34.951 | 20.453 | 0.0 | -11.625 | 22.766 | 0.13 | -17.091 | 23.428 | 0.504 | 0.08 | 212.416 | 3.511 | 0.08 | 208.999 | 3.506 | 0.08 | 1.034 | 0.003 | 0.08 | 3.482 | 0.002 |
| 21 | 2502 | 2503 | NS | 1 | -34.984 | 19.083 | 0.0 | -34.195 | 17.972 | 0.0 | 1.34 | 23.233 | 0.256 | 1.229 | 23.638 | 0.388 | 0.08 | 210.589 | 2.27 | 0.081 | 175.609 | 2.306 | 0.08 | 0.122 | 0.0 | 0.08 | 0.123 | 0.0 |
| 22 | 2502 | 2503 | SN | 2 | -33.975 | 19.486 | 0.0 | -34.42 | 21.335 | 0.0 | -31.603 | 22.761 | 0.03 | -27.216 | 23.878 | 0.305 | 0.08 | 166.95 | 2.63 | 0.08 | 185.016 | 2.419 | 0.08 | 96.722 | 0.009 | 0.08 | 35.269 | 0.017 |
| 23 | 2503 | 2504 | SN | 1 | -34.739 | 19.949 | 0.0 | -34.996 | 21.092 | 0.0 | -24.043 | 22.808 | 0.033 | -10.433 | 23.6 | 0.31 | 0.08 | 199.106 | 1.857 | 0.08 | 211.162 | 1.997 | 0.08 | 17.018 | 0.012 | 0.08 | 0.801 | 0.0 |
| 24 | 2503 | 2504 | NS | 1 | -33.998 | 18.471 | 0.0 | -34.608 | 18.677 | 0.0 | 6.055 | 22.956 | 0.34 | 6.15 | 23.061 | 0.31 | 0.081 | 167.882 | 1.666 | 0.08 | 193.13 | 1.55 | 0.08 | 0.093 | 0.0 | 0.08 | 0.093 | 0.0 |
| 25 | 2504 | 2505 | NS | 1 | -34.733 | 20.042 | 0.0 | -34.366 | 20.631 | 0.0 | 0.653 | 22.659 | 0.575 | 0.627 | 22.966 | 0.534 | 0.08 | 198.789 | 2.511 | 0.08 | 183.609 | 2.286 | 0.08 | 0.129 | 0.0 | 0.08 | 0.13 | 0.0 |
| 26 | 2504 | 2505 | SN | 1 | -33.938 | 19.924 | 0.0 | -34.179 | 20.657 | 0.0 | -27.238 | 23.323 | 0.187 | -27.439 | 23.592 | 1.198 | 0.08 | 165.53 | 1.452 | 0.08 | 174.973 | 1.369 | 0.08 | 35.446 | 0.129 | 0.08 | 37.114 | 0.076 |
| 27 | 2505 | 2506 | NS | 1 | -34.713 | 21.14 | 0.0 | -34.731 | 21.739 | 0.0 | 2.859 | 22.996 | 0.192 | 2.752 | 23.363 | 0.42 | 0.08 | 197.906 | 3.029 | 0.08 | 198.734 | 3.603 | 0.08 | 0.109 | 0.0 | 0.08 | 0.109 | 0.0 |
| 28 | 2506 | 2507 | SN | 1 | -34.849 | 20.376 | 0.0 | -34.088 | 20.421 | 0.0 | -12.28 | 22.862 | 0.011 | -20.21 | 22.718 | 0.048 | 0.08 | 204.201 | 1.132 | 0.08 | 171.34 | 1.024 | 0.08 | 1.192 | 0.002 | 0.08 | 7.076 | 0.002 |
| 29 | 2507 | 2508 | SN | 1 | -34.937 | 19.969 | 0.0 | -34.984 | 20.543 | 0.0 | -21.064 | 22.373 | 0.002 | -26.905 | 23.64 | 0.094 | 0.08 | 208.381 | 5.936 | 0.08 | 210.615 | 5.022 | 0.08 | 8.599 | 0.024 | 0.08 | 32.833 | 0.014 |
| 30 | 2507 | 2508 | NS | 1 | -34.56 | 21.926 | 0.0 | -34.657 | 23.423 | 0.007 | -0.56 | 22.361 | 0.004 | -1.353 | 23.023 | 0.04 | 0.08 | 191.026 | 2.223 | 0.08 | 195.386 | 2.353 | 0.08 | 0.147 | 0.0 | 0.08 | 0.161 | 0.0 |
| 31 | 2508 | 2509 | NS | 1 | -34.798 | 20.288 | 0.0 | -34.953 | 20.812 | 0.0 | -20.445 | 21.405 | 0.0 | -26.347 | 22.907 | 0.023 | 0.08 | 201.804 | 5.382 | 0.08 | 209.078 | 6.263 | 0.08 | 7.466 | 0.023 | 0.08 | 28.883 | 0.069 |
| 32 | 2508 | 2509 | SN | 1 | -34.984 | 20.988 | 0.0 | -34.962 | 20.871 | 0.0 | 1.198 | 21.765 | 0.0 | 2.301 | 23.213 | 0.127 | 0.08 | 210.616 | 4.632 | 0.08 | 209.558 | 4.17 | 0.08 | 0.123 | 0.0 | 0.08 | 0.113 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|--------|-------|------|---------|-------|
| 33 | 2509 | 2510 | SN | 1 | -34.951 | 20.209 | 0.0 | -34.923 | 20.662 | 0.0 | 1.535 | 22.002 | 0.006 | 2.041 | 21.326 | 0.0 | 0.08 | 209.053 | 2.454 | 0.08 | 207.719 | 2.539 | 0.08 | 0.12 | 0.0 | 0.08 | 0.115 | 0.0 |
| 34 | 2509 | 2510 | NS | 1 | -34.942 | 20.738 | 0.0 | -34.687 | 20.713 | 0.0 | -16.765 | 21.531 | 0.0 | -21.573 | 22.212 | 0.005 | 0.08 | 208.574 | 5.249 | 0.08 | 196.669 | 5.877 | 0.08 | 3.234 | 0.023 | 0.08 | 9.661 | 0.02 |
| 35 | 2510 | 2511 | SN | 2 | -34.765 | 20.411 | 0.0 | -34.991 | 21.638 | 0.0 | 1.454 | 22.042 | 0.006 | 1.722 | 22.076 | 0.01 | 0.08 | 200.307 | 2.521 | 0.08 | 210.975 | 2.24 | 0.08 | 0.12 | 0.0 | 0.08 | 0.118 | 0.0 |
| 36 | 2510 | 2511 | NS | 1 | -34.943 | 15.275 | 0.0 | -34.956 | 15.692 | 0.0 | -25.021 | 21.798 | 0.0 | -24.521 | 22.324 | 0.01 | 0.081 | 208.631 | 1.095 | 0.081 | 209.23 | 1.244 | 0.08 | 21.293 | 0.018 | 0.08 | 19.437 | 0.009 |
| 37 | 2511 | 2512 | NS | 1 | -32.601 | 17.265 | 0.0 | -33.58 | 17.494 | 0.0 | -20.7 | 21.363 | 0.0 | -22.456 | 22.033 | 0.002 | 0.081 | 121.699 | 0.74 | 0.081 | 152.498 | 0.719 | 0.08 | 7.914 | 0.014 | 0.08 | 11.824 | 0.04 |
| 38 | 2511 | 2512 | SN | 1 | -34.032 | 20.128 | 0.0 | -34.915 | 20.432 | 0.0 | 0.74 | 21.777 | 0.0 | 2.1 | 22.452 | 0.035 | 0.08 | 169.201 | 2.046 | 0.08 | 207.351 | 1.731 | 0.08 | 0.128 | 0.0 | 0.08 | 0.115 | 0.0 |
| 39 | 2512 | 2513 | NS | 1 | -34.744 | 20.049 | 0.0 | -34.67 | 20.532 | 0.0 | -24.104 | 22.127 | 0.004 | -27.498 | 22.922 | 0.084 | 0.08 | 199.318 | 1.296 | 0.08 | 195.908 | 1.427 | 0.08 | 17.254 | 0.036 | 0.08 | 37.627 | 0.035 |
| 40 | 2512 | 2513 | SN | 1 | -34.603 | 20.794 | 0.0 | -34.946 | 20.8 | 0.0 | 0.297 | 22.738 | 0.102 | 5.099 | 23.222 | 0.197 | 0.08 | 192.967 | 3.934 | 0.08 | 208.838 | 3.466 | 0.08 | 0.134 | 0.0 | 0.08 | 0.097 | 0.0 |
| 41 | 2513 | 2514 | SN | 1 | -34.58 | 21.949 | 0.0 | -33.491 | 21.572 | 0.0 | -0.222 | 24.265 | 0.17 | 0.805 | 23.391 | 0.559 | 0.08 | 191.933 | 2.708 | 0.08 | 149.378 | 2.382 | 0.08 | 0.141 | 0.0 | 0.08 | 0.128 | 0.0 |
| 42 | 2513 | 2514 | NS | 1 | -34.334 | 20.235 | 0.0 | -34.985 | 20.475 | 0.0 | 2.658 | 22.789 | 0.162 | 1.0 | 23.447 | 0.347 | 0.08 | 181.344 | 2.295 | 0.08 | 210.674 | 2.259 | 0.08 | 0.11 | 0.0 | 0.08 | 0.125 | 0.0 |
| 43 | 2514 | 2515 | SN | 1 | -34.79 | 21.205 | 0.0 | -34.64 | 21.247 | 0.0 | -31.503 | 22.703 | 0.037 | -24.507 | 23.935 | 0.395 | 0.08 | 201.4 | 5.19 | 0.08 | 194.613 | 4.131 | 0.08 | 94.51 | 0.122 | 0.08 | 18.926 | 0.049 |
| 44 | 2514 | 2515 | NS | 1 | -34.071 | 20.015 | 0.0 | -34.693 | 20.64 | 0.0 | 0.966 | 23.114 | 0.301 | 1.796 | 23.858 | 0.925 | 0.08 | 170.709 | 2.645 | 0.08 | 201.604 | 2.563 | 0.08 | 0.126 | 0.0 | 0.08 | 0.117 | 0.0 |
| 45 | 2515 | 2516 | NS | 1 | -34.702 | 19.901 | 0.0 | -34.997 | 20.617 | 0.0 | -26.579 | 23.283 | 0.51 | -32.156 | 23.778 | 1.229 | 0.08 | 197.408 | 4.801 | 0.08 | 211.266 | 5.408 | 0.08 | 30.459 | 0.022 | 0.08 | 109.86 | 0.019 |
| 46 | 2515 | 2516 | SN | 2 | -34.843 | 22.585 | 0.004 | -34.885 | 23.535 | 0.007 | -7.224 | 23.038 | 0.036 | -6.661 | 23.584 | 0.344 | 0.08 | 203.887 | 5.829 | 0.08 | 205.877 | 4.981 | 0.08 | 0.417 | 0.0 | 0.08 | 0.375 | 0.0 |
| 47 | 2516 | 2517 | SN | 2 | -34.866 | 20.803 | 0.0 | -34.728 | 22.347 | 0.001 | -27.052 | 22.503 | 0.043 | -23.694 | 23.857 | 0.428 | 0.08 | 204.959 | 4.509 | 0.08 | 198.566 | 3.896 | 0.08 | 33.959 | 0.09 | 0.08 | 15.706 | 0.012 |
| 48 | 2516 | 2517 | NS | 1 | -34.906 | 18.431 | 0.0 | -34.951 | 17.785 | 0.0 | 0.101 | 23.088 | 0.191 | 0.666 | 23.6 | 0.379 | 0.081 | 206.868 | 4.352 | 0.081 | 209.053 | 4.618 | 0.08 | 0.137 | 0.0 | 0.08 | 0.129 | 0.0 |
| 49 | 2517 | 2518 | NS | 1 | -34.95 | 18.838 | 0.0 | -34.789 | 18.188 | 0.0 | 4.191 | 23.012 | 0.368 | 3.415 | 23.071 | 0.325 | 0.08 | 208.979 | 3.232 | 0.081 | 201.391 | 3.295 | 0.08 | 0.101 | 0.0 | 0.08 | 0.105 | 0.0 |
| 50 | 2517 | 2518 | SN | 1 | -34.209 | 20.678 | 0.0 | -34.782 | 21.4 | 0.0 | -29.749 | 22.935 | 0.021 | -33.515 | 23.798 | 0.273 | 0.08 | 176.192 | 1.781 | 0.08 | 201.063 | 1.507 | 0.08 | 63.139 | 0.037 | 0.08 | 153.736 | 0.032 |
| 51 | 2518 | 2519 | NS | 1 | -34.334 | 20.083 | 0.0 | -34.233 | 20.973 | 0.0 | 3.09 | 22.981 | 0.346 | 2.974 | 23.211 | 0.323 | 0.08 | 181.311 | 3.5 | 0.08 | 177.191 | 3.304 | 0.08 | 0.107 | 0.0 | 0.08 | 0.108 | 0.0 |

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

Normal

Deviations

Alarming

High Errors