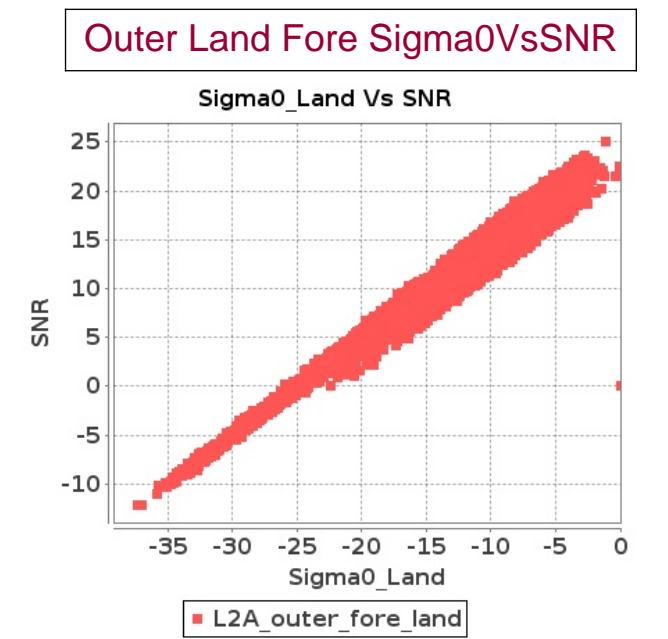
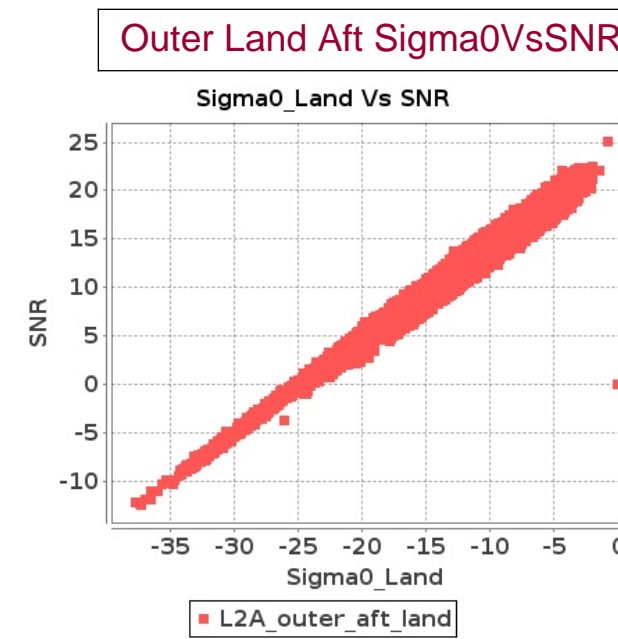
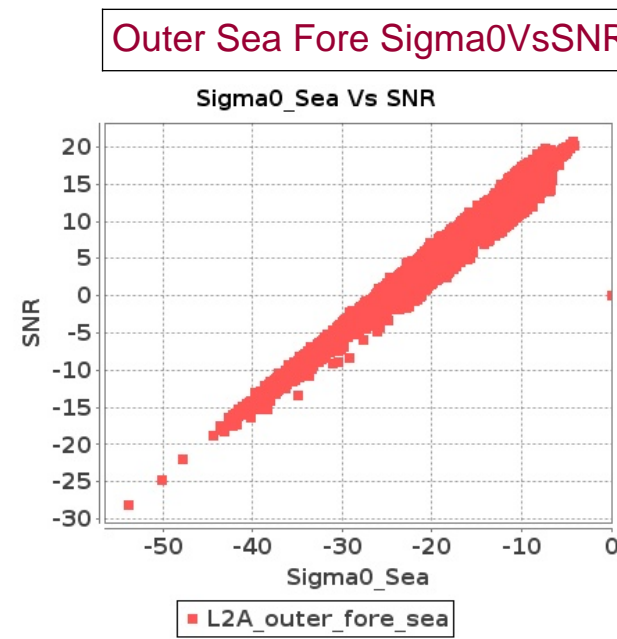
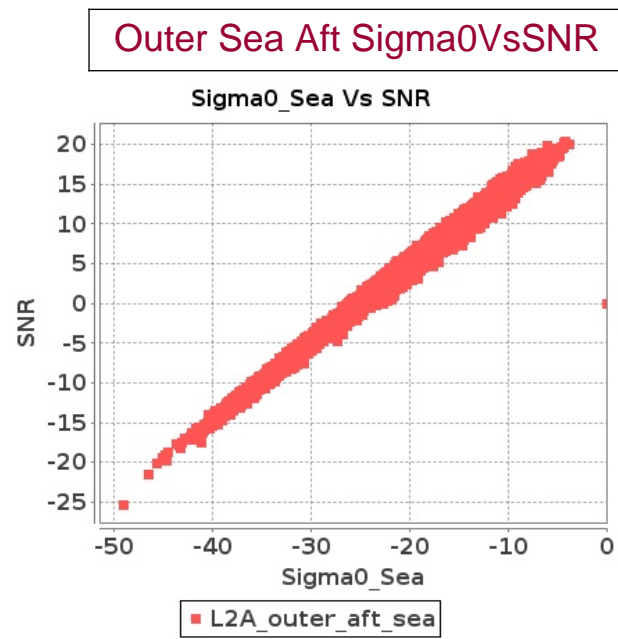
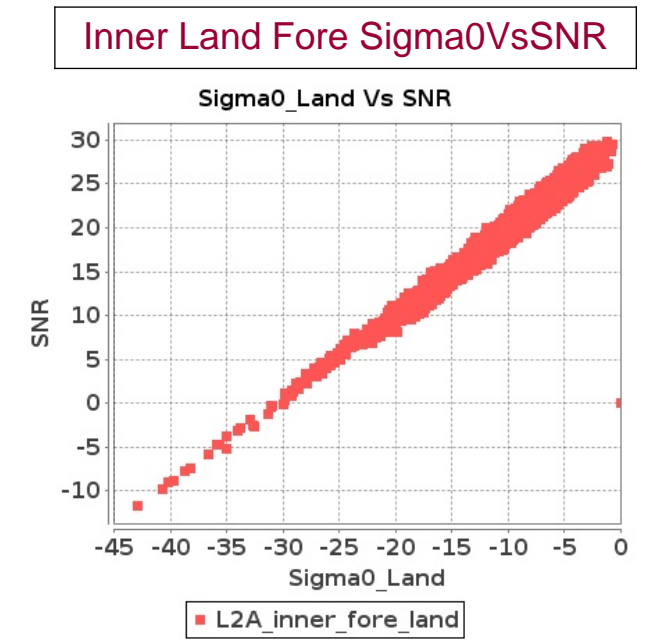
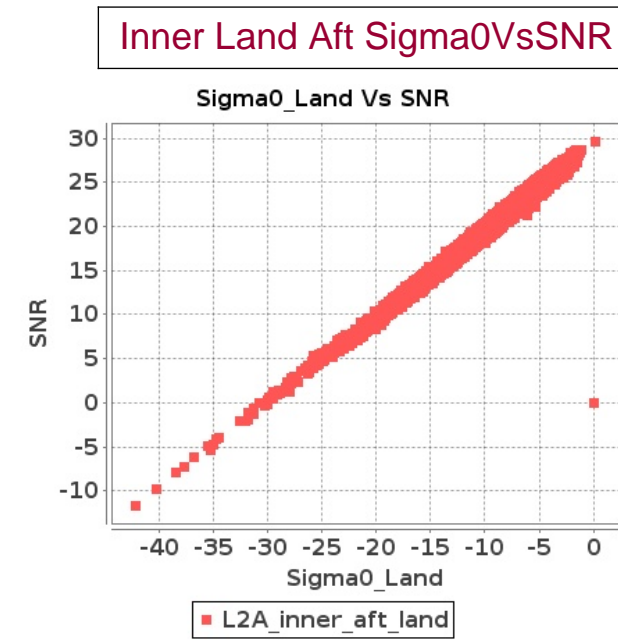
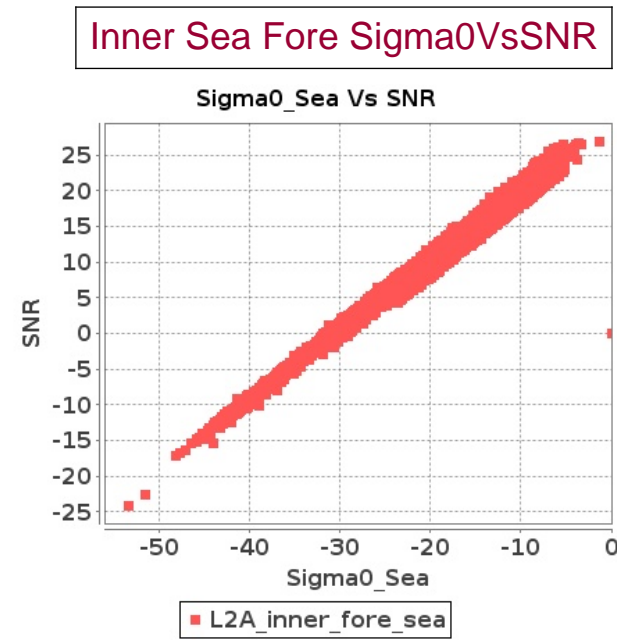
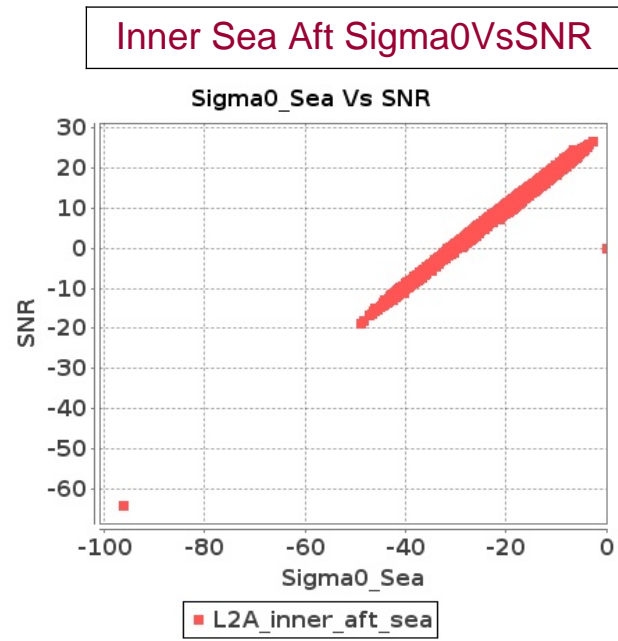


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 12-FEB-2019 To 13-FEB-2019



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 12-FEB-2019 To 13-FEB-2019

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | 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 | 12607 | 12608 | SN | 1 | 0.0 | 54.755 | 5.501 | 0.0 | 51.192 | 6.769 | 0.0 | 45.876 | 5.245 | 0.0 | 45.287 | 7.268 | 0.0 | 56.475 | 5.391 | 0.0 | 51.82 | 6.546 | 0.0 | 48.139 | 5.224 | 0.0 | 43.574 | 6.908 |
| 2 | 12607 | 12608 | SN | 1 | 0.0 | 47.764 | 1.619 | 0.0 | 52.173 | 2.18 | 0.0 | 39.116 | 1.591 | 0.0 | 39.247 | 2.328 | 0.0 | 48.597 | 1.574 | 0.0 | 54.146 | 2.054 | 0.0 | 39.646 | 1.563 | 0.0 | 37.065 | 2.2 |
| 3 | 12608 | 12609 | NS | 1 | 0.0 | 42.222 | 3.843 | 0.0 | 48.631 | 4.895 | 0.0 | 45.412 | 3.849 | 0.0 | 41.277 | 4.882 | 0.0 | 42.629 | 3.923 | 0.0 | 51.703 | 4.528 | 0.0 | 45.539 | 3.77 | 0.0 | 42.641 | 4.629 |
| 4 | 12608 | 12609 | NS | 1 | 0.0 | 37.297 | 1.021 | 0.0 | 41.282 | 1.464 | 0.0 | 36.636 | 1.204 | 0.0 | 38.243 | 1.681 | 0.0 | 36.386 | 0.996 | 0.0 | 37.567 | 1.329 | 0.0 | 35.789 | 1.183 | 0.0 | 37.766 | 1.509 |
| 5 | 12608 | 12609 | SN | 1 | 0.0 | 48.893 | 1.988 | 0.0 | 52.689 | 2.643 | 0.0 | 49.448 | 2.431 | 0.0 | 45.242 | 3.395 | 0.0 | 47.938 | 2.048 | 0.0 | 53.106 | 2.381 | 0.0 | 45.872 | 2.253 | 0.0 | 42.324 | 2.703 |
| 6 | 12608 | 12609 | SN | 1 | 0.0 | 49.373 | 0.473 | 0.0 | 42.739 | 0.678 | 0.0 | 40.587 | 0.663 | 0.0 | 43.104 | 0.971 | 0.0 | 48.089 | 0.482 | 0.0 | 43.254 | 0.561 | 0.0 | 40.557 | 0.6 | 0.0 | 41.853 | 0.697 |
| 7 | 12609 | 12610 | NS | 1 | 0.0 | 42.499 | 0.907 | 0.0 | 39.512 | 1.289 | 0.0 | 38.636 | 1.268 | 0.0 | 44.303 | 1.892 | 0.0 | 44.584 | 0.874 | 0.0 | 39.122 | 1.133 | 0.0 | 38.109 | 1.205 | 0.0 | 44.662 | 1.549 |
| 8 | 12609 | 12610 | NS | 1 | 0.0 | 45.671 | 3.197 | 0.0 | 46.214 | 4.106 | 0.0 | 46.47 | 3.912 | 0.0 | 42.386 | 5.165 | 0.0 | 45.192 | 3.238 | 0.0 | 49.482 | 3.709 | 0.0 | 47.501 | 3.595 | 0.0 | 39.618 | 4.812 |
| 9 | 12611 | 12612 | SN | 1 | 0.0 | 50.059 | 0.486 | 0.0 | 39.257 | 0.593 | 0.0 | 38.205 | 0.67 | 0.0 | 35.55 | 0.837 | 0.0 | 48.765 | 0.486 | 0.0 | 41.036 | 0.525 | 0.0 | 35.114 | 0.634 | 0.0 | 36.188 | 0.734 |
| 10 | 12611 | 12612 | SN | 1 | 0.0 | 46.166 | 1.737 | 0.0 | 50.916 | 1.928 | 0.0 | 37.591 | 2.097 | 0.0 | 41.806 | 2.588 | 0.0 | 45.966 | 1.777 | 0.0 | 51.836 | 1.857 | 0.0 | 38.19 | 2.175 | 0.0 | 40.486 | 2.396 |
| 11 | 12611 | 12612 | SN | 1 | 0.0 | 43.112 | 0.486 | 0.0 | 48.192 | 0.584 | 0.0 | 34.478 | 0.677 | 0.0 | 37.77 | 0.839 | 0.0 | 42.879 | 0.484 | 0.0 | 49.972 | 0.532 | 0.0 | 34.766 | 0.636 | 0.0 | 36.188 | 0.738 |
| 12 | 12611 | 12612 | SN | 1 | 0.0 | 46.166 | 1.747 | 0.0 | 45.633 | 1.928 | 0.0 | 37.332 | 2.054 | 0.0 | 39.79 | 2.617 | 0.0 | 45.628 | 1.787 | 0.0 | 45.278 | 1.817 | 0.0 | 37.931 | 2.132 | 0.0 | 40.486 | 2.432 |
| 13 | 12612 | 12613 | SN | 1 | 0.0 | 41.582 | 0.951 | 0.0 | 47.805 | 1.297 | 0.0 | 42.807 | 0.825 | 0.0 | 45.296 | 1.215 | 0.0 | 40.233 | 0.967 | 0.0 | 45.474 | 1.236 | 0.0 | 41.723 | 0.829 | 0.0 | 45.107 | 1.125 |
| 14 | 12612 | 12613 | NS | 1 | 0.0 | 53.935 | 6.516 | 0.0 | 53.501 | 8.147 | 0.0 | 45.889 | 5.754 | 0.0 | 46.258 | 7.041 | 0.0 | 54.515 | 6.657 | 0.0 | 52.452 | 7.674 | 0.0 | 48.009 | 5.518 | 0.0 | 44.707 | 6.479 |
| 15 | 12612 | 12613 | SN | 1 | 0.0 | 53.596 | 0.949 | 0.0 | 45.904 | 1.288 | 0.0 | 38.936 | 0.807 | 0.0 | 46.201 | 1.215 | 0.0 | 54.85 | 0.962 | 0.0 | 43.573 | 1.201 | 0.0 | 40.079 | 0.825 | 0.0 | 51.249 | 1.133 |
| 16 | 12612 | 12613 | SN | 1 | 0.0 | 52.468 | 4.064 | 0.0 | 52.228 | 5.192 | 0.0 | 43.167 | 3.296 | 0.0 | 54.516 | 4.18 | 0.0 | 52.682 | 4.245 | 0.0 | 51.315 | 4.867 | 0.0 | 43.246 | 3.168 | 0.0 | 53.532 | 3.886 |
| 17 | 12612 | 12613 | SN | 1 | 0.0 | 54.317 | 4.064 | 0.0 | 52.553 | 5.192 | 0.0 | 42.207 | 3.239 | 0.0 | 51.343 | 4.18 | 0.0 | 53.601 | 4.204 | 0.0 | 53.433 | 4.877 | 0.0 | 41.439 | 3.189 | 0.0 | 50.359 | 3.836 |
| 18 | 12612 | 12613 | NS | 1 | 0.0 | 51.391 | 1.746 | 0.0 | 50.451 | 2.384 | 0.0 | 47.965 | 1.602 | 0.0 | 41.99 | 2.174 | 0.0 | 50.328 | 1.773 | 0.0 | 48.917 | 2.167 | 0.0 | 48.268 | 1.527 | 0.0 | 44.05 | 2.036 |
| 19 | 12612 | 12613 | SN | 1 | 0.0 | 53.596 | 0.968 | 0.0 | 45.904 | 1.316 | 0.0 | 38.936 | 0.824 | 0.0 | 46.201 | 1.239 | 0.0 | 54.85 | 0.982 | 0.0 | 43.573 | 1.23 | 0.0 | 40.079 | 0.842 | 0.0 | 51.249 | 1.153 |
| 20 | 12612 | 12613 | SN | 1 | 0.0 | 54.317 | 4.146 | 0.0 | 52.553 | 5.286 | 0.0 | 42.207 | 3.291 | 0.0 | 51.343 | 4.249 | 0.0 | 53.601 | 4.289 | 0.0 | 53.433 | 4.976 | 0.0 | 41.439 | 3.248 | 0.0 | 50.359 | 3.921 |
| 21 | 12613 | 12614 | NS | 1 | 0.0 | 50.059 | 5.484 | 0.0 | 47.765 | 6.472 | 0.0 | 41.99 | 4.928 | 0.0 | 57.346 | 5.849 | 0.0 | 49.995 | 5.474 | 0.0 | 48.571 | 6.119 | 0.0 | 42.926 | 5.134 | 0.0 | 54.442 | 5.849 |
| 22 | 12613 | 12614 | SN | 1 | 0.0 | 40.306 | 0.885 | 0.0 | 43.395 | 1.168 | 0.0 | 36.879 | 1.092 | 0.0 | 42.555 | 1.531 | 0.0 | 40.351 | 0.867 | 0.0 | 41.914 | 1.129 | 0.0 | 35.659 | 1.056 | 0.0 | 38.274 | 1.342 |
| 23 | 12613 | 12614 | SN | 1 | 0.0 | 40.306 | 0.885 | 0.0 | 43.395 | 1.168 | 0.0 | 36.879 | 1.092 | 0.0 | 42.555 | 1.531 | 0.0 | 40.351 | 0.867 | 0.0 | 41.914 | 1.129 | 0.0 | 35.659 | 1.056 | 0.0 | 38.274 | 1.342 |
| 24 | 12613 | 12614 | SN | 1 | 0.0 | 46.86 | 3.442 | 0.0 | 50.717 | 3.451 | 0.0 | 47.428 | 3.182 | 0.0 | 41.76 | 4.233 | 0.0 | 46.03 | 3.452 | 0.0 | 48.715 | 3.318 | 0.0 | 48.671 | 3.239 | 0.0 | 42.744 | 3.893 |
| 25 | 12613 | 12614 | SN | 1 | 0.0 | 46.86 | 3.441 | 0.0 | 50.717 | 3.443 | 0.0 | 47.428 | 3.182 | 0.0 | 41.76 | 4.222 | 0.0 | 46.03 | 3.451 | 0.0 | 48.715 | 3.309 | 0.0 | 48.671 | 3.239 | 0.0 | 42.744 | 3.883 |
| 26 | 12613 | 12614 | SN | 1 | 0.0 | 46.86 | 3.407 | 0.0 | 50.717 | 3.427 | 0.0 | 46.258 | 3.163 | 0.0 | 41.76 | 4.183 | 0.0 | 46.03 | 3.417 | 0.0 | 48.715 | 3.284 | 0.0 | 47.503 | 3.22 | 0.0 | 42.744 | 3.845 |
| 27 | 12613 | 12614 | NS | 1 | 0.0 | 56.86 | 5.454 | 0.0 | 47.962 | 6.482 | 0.0 | 41.99 | 4.906 | 0.0 | 57.346 | 5.871 | 0.0 | 57.389 | 5.464 | 0.0 | 48.571 | 6.139 | 0.0 | 42.926 | 5.156 | 0.0 | 54.442 | 5.835 |
| 28 | 12613 | 12614 | NS | 1 | 0.0 | 50.749 | 1.419 | 0.0 | 54.095 | 1.874 | 0.0 | 46.914 | 1.586 | 0.0 | 39.927 | 1.92 | 0.0 | 50.27 | 1.442 | 0.0 | 53.268 | 1.749 | 0.0 | 48.825 | 1.565 | 0.0 | 40.851 | 1.8 |
| 29 | 12613 | 12614 | NS | 1 | 0.0 | 50.827 | 1.421 | 0.0 | 54.095 | 1.883 | 0.0 | 46.914 | 1.588 | 0.0 | 39.927 | 1.917 | 0.0 | 50.346 | 1.433 | 0.0 | 53.268 | 1.759 | 0.0 | 48.825 | 1.561 | 0.0 | 40.851 | 1.794 |
| 30 | 12613 | 12614 | SN | 1 | 0.0 | 40.306 | 0.879 | 0.0 | 43.395 | 1.155 | 0.0 | 36.879 | 1.088 | 0.0 | 42.555 | 1.519 | 0.0 | 40.351 | 0.86 | 0.0 | 41.914 | 1.119 | 0.0 | 35.827 | 1.05 | 0.0 | 38.274 | 1.328 |
| 31 | 12614 | 12615 | SN | 1 | 0.0 | 46.846 | 0.726 | 0.0 | 54.612 | 1.029 | 0.0 | 37.912 | 0.89 | 0.0 | 38.794 | 1.557 | 0.0 | 47.364 | 0.674 | 0.0 | 54.494 | 0.814 | 0.0 | 36.473 | 0.76 | 0.0 | 35.392 | 1.129 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 12614 | 12615 | NS | 1 | 0.0 | 42.403 | 1.394 | 0.0 | 48.585 | 1.728 | 0.0 | 43.039 | 1.405 | 0.0 | 41.667 | 1.816 | 0.0 | 42.036 | 1.458 | 0.0 | 49.813 | 1.66 | 0.0 | 44.189 | 1.376 | 0.0 | 40.138 | 1.768 |
| 33 | 12614 | 12615 | SN | 1 | 0.0 | 46.846 | 0.736 | 0.0 | 54.612 | 1.042 | 0.0 | 37.912 | 0.902 | 0.0 | 38.794 | 1.573 | 0.0 | 47.364 | 0.684 | 0.0 | 54.494 | 0.825 | 0.0 | 36.473 | 0.767 | 0.0 | 35.392 | 1.147 |
| 34 | 12614 | 12615 | SN | 1 | 0.0 | 45.414 | 2.596 | 0.0 | 44.011 | 3.35 | 0.0 | 41.885 | 2.826 | 0.0 | 46.235 | 4.125 | 0.0 | 46.943 | 2.525 | 0.0 | 44.379 | 2.802 | 0.0 | 39.892 | 2.423 | 0.0 | 46.443 | 3.259 |
| 35 | 12614 | 12615 | SN | 1 | 0.0 | 45.414 | 2.632 | 0.0 | 44.011 | 3.393 | 0.0 | 46.326 | 2.865 | 0.0 | 46.235 | 4.165 | 0.0 | 46.943 | 2.56 | 0.0 | 44.379 | 2.838 | 0.0 | 44.322 | 2.456 | 0.0 | 46.443 | 3.301 |
| 36 | 12614 | 12615 | NS | 1 | 0.0 | 45.055 | 4.353 | 0.0 | 49.229 | 5.329 | 0.0 | 44.387 | 4.243 | 0.0 | 42.179 | 5.69 | 0.0 | 45.513 | 4.343 | 0.0 | 51.399 | 4.936 | 0.0 | 45.87 | 4.535 | 0.0 | 41.492 | 5.456 |
| 37 | 12615 | 12616 | NS | 1 | 0.0 | 48.534 | 3.548 | 0.0 | 55.212 | 5.498 | 0.0 | 46.139 | 2.957 | 0.0 | 47.909 | 4.326 | 0.0 | 48.501 | 3.589 | 0.0 | 55.512 | 5.065 | 0.0 | 47.202 | 2.779 | 0.0 | 48.169 | 3.871 |
| 38 | 12615 | 12616 | SN | 1 | 0.0 | 51.41 | 0.974 | 0.0 | 41.757 | 1.388 | 0.0 | 36.768 | 1.159 | 0.0 | 44.554 | 1.93 | 0.0 | 51.516 | 0.988 | 0.0 | 42.138 | 1.222 | 0.0 | 38.436 | 1.094 | 0.0 | 42.479 | 1.544 |
| 39 | 12615 | 12616 | NS | 1 | 0.0 | 52.657 | 0.876 | 0.0 | 47.728 | 1.39 | 0.0 | 36.738 | 0.823 | 0.0 | 47.651 | 1.329 | 0.0 | 52.187 | 0.862 | 0.0 | 49.954 | 1.277 | 0.0 | 39.089 | 0.723 | 0.0 | 41.304 | 1.107 |
| 40 | 12615 | 12616 | SN | 1 | 0.0 | 48.707 | 3.678 | 0.0 | 38.124 | 4.242 | 0.0 | 40.606 | 3.378 | 0.0 | 45.954 | 5.446 | 0.0 | 49.404 | 3.668 | 0.0 | 39.343 | 3.908 | 0.0 | 41.023 | 3.336 | 0.0 | 46.433 | 4.591 |
| 41 | 12618 | 12619 | NS | 1 | 0.0 | 50.774 | 0.993 | 0.0 | 47.166 | 1.421 | 0.0 | 48.367 | 1.094 | 0.0 | 42.451 | 1.506 | 0.0 | 50.36 | 0.98 | 0.0 | 46.252 | 1.346 | 0.0 | 47.246 | 1.065 | 0.0 | 39.656 | 1.369 |
| 42 | 12618 | 12619 | SN | 1 | 0.0 | 41.322 | 0.987 | 0.0 | 56.611 | 1.229 | 0.0 | 41.752 | 0.922 | 0.0 | 43.251 | 1.238 | 0.0 | 40.717 | 0.963 | 0.0 | 55.368 | 1.165 | 0.0 | 42.007 | 0.864 | 0.0 | 43.027 | 1.046 |
| 43 | 12618 | 12619 | NS | 1 | 0.0 | 50.007 | 3.791 | 0.0 | 42.979 | 5.233 | 0.0 | 53.751 | 3.506 | 0.0 | 42.499 | 5.185 | 0.0 | 48.975 | 3.822 | 0.0 | 44.887 | 5.253 | 0.0 | 54.795 | 3.428 | 0.0 | 42.937 | 4.537 |
| 44 | 12618 | 12619 | SN | 1 | 0.0 | 41.322 | 0.947 | 0.0 | 56.611 | 1.204 | 0.0 | 41.752 | 0.882 | 0.0 | 44.53 | 1.2 | 0.0 | 40.717 | 0.922 | 0.0 | 55.368 | 1.133 | 0.0 | 42.007 | 0.832 | 0.0 | 43.027 | 1.012 |
| 45 | 12618 | 12619 | SN | 1 | 0.0 | 50.483 | 3.699 | 0.0 | 45.831 | 4.5 | 0.0 | 48.355 | 3.142 | 0.0 | 47.852 | 3.986 | 0.0 | 50.378 | 3.85 | 0.0 | 45.188 | 4.156 | 0.0 | 49.635 | 2.887 | 0.0 | 48.524 | 3.401 |
| 46 | 12618 | 12619 | SN | 1 | 0.0 | 50.483 | 3.827 | 0.0 | 45.831 | 4.501 | 0.0 | 48.355 | 3.253 | 0.0 | 47.852 | 4.011 | 0.0 | 50.378 | 3.986 | 0.0 | 45.188 | 4.163 | 0.0 | 49.635 | 3.015 | 0.0 | 48.524 | 3.445 |
| 47 | 12619 | 12620 | SN | 1 | 0.0 | 51.147 | 1.046 | 0.0 | 57.855 | 1.402 | 0.0 | 37.461 | 1.016 | 0.0 | 45.024 | 1.364 | 0.0 | 52.412 | 1.057 | 0.0 | 54.085 | 1.318 | 0.0 | 36.921 | 0.952 | 0.0 | 42.044 | 1.149 |
| 48 | 12619 | 12620 | SN | 1 | 0.0 | 54.572 | 4.717 | 0.0 | 49.252 | 5.618 | 0.0 | 47.193 | 4.118 | 0.0 | 50.734 | 5.114 | 0.0 | 55.14 | 4.683 | 0.0 | 48.923 | 5.271 | 0.0 | 47.713 | 4.024 | 0.0 | 46.657 | 4.464 |
| 49 | 12619 | 12620 | NS | 1 | 0.0 | 46.995 | 2.097 | 0.0 | 45.847 | 3.191 | 0.0 | 44.75 | 2.566 | 0.0 | 40.067 | 3.642 | 0.0 | 47.155 | 2.137 | 0.0 | 45.474 | 2.999 | 0.0 | 43.84 | 2.381 | 0.0 | 42.489 | 3.109 |
| 50 | 12619 | 12620 | SN | 1 | 0.0 | 54.572 | 4.452 | 0.0 | 49.252 | 5.409 | 0.0 | 47.193 | 3.755 | 0.0 | 50.734 | 4.83 | 0.0 | 55.14 | 4.422 | 0.0 | 48.923 | 5.035 | 0.0 | 47.713 | 3.642 | 0.0 | 46.657 | 4.168 |
| 51 | 12620 | 12621 | NS | 1 | 0.0 | 48.124 | 1.267 | 0.0 | 47.727 | 1.643 | 0.0 | 41.235 | 1.054 | 0.0 | 43.268 | 1.519 | 0.0 | 48.25 | 1.262 | 0.0 | 49.538 | 1.58 | 0.0 | 41.99 | 1.001 | 0.0 | 41.154 | 1.418 |
| 52 | 12620 | 12621 | SN | 1 | 0.0 | 45.828 | 1.72 | 0.0 | 50.482 | 2.248 | 0.0 | 42.023 | 1.867 | 0.0 | 40.55 | 2.525 | 0.0 | 44.691 | 1.763 | 0.0 | 50.084 | 2.23 | 0.0 | 43.743 | 1.968 | 0.0 | 39.994 | 2.526 |
| 53 | 12620 | 12621 | NS | 1 | 0.0 | 50.749 | 4.304 | 0.0 | 50.872 | 5.375 | 0.0 | 48.924 | 3.818 | 0.0 | 50.703 | 4.818 | 0.0 | 51.524 | 4.284 | 0.0 | 50.198 | 5.063 | 0.0 | 47.427 | 3.676 | 0.0 | 49.011 | 4.811 |
| 54 | 12620 | 12621 | NS | 1 | 0.0 | 51.083 | 4.274 | 0.0 | 51.08 | 5.406 | 0.0 | 44.3 | 3.712 | 0.0 | 51.933 | 4.861 | 0.0 | 50.91 | 4.325 | 0.0 | 50.964 | 4.993 | 0.0 | 43.481 | 3.676 | 0.0 | 48.728 | 4.782 |
| 55 | 12620 | 12621 | SN | 1 | 0.0 | 43.008 | 5.839 | 0.0 | 52.468 | 6.893 | 0.0 | 37.98 | 5.978 | 0.0 | 40.89 | 7.442 | 0.0 | 44.349 | 5.959 | 0.0 | 50.084 | 6.762 | 0.0 | 40.206 | 6.325 | 0.0 | 42.807 | 7.891 |
| 56 | 12620 | 12621 | SN | 1 | 0.0 | 43.008 | 5.839 | 0.0 | 52.468 | 6.893 | 0.0 | 37.98 | 5.978 | 0.0 | 40.89 | 7.442 | 0.0 | 44.349 | 5.959 | 0.0 | 50.084 | 6.762 | 0.0 | 40.206 | 6.325 | 0.0 | 42.807 | 7.891 |
| 57 | 12620 | 12621 | NS | 1 | 0.0 | 54.406 | 1.269 | 0.0 | 46.427 | 1.702 | 0.0 | 40.333 | 1.049 | 0.0 | 41.252 | 1.531 | 0.0 | 54.035 | 1.269 | 0.0 | 46.547 | 1.621 | 0.0 | 39.044 | 0.976 | 0.0 | 39.926 | 1.4 |
| 58 | 12620 | 12621 | SN | 1 | 0.0 | 45.828 | 1.72 | 0.0 | 50.482 | 2.248 | 0.0 | 42.023 | 1.867 | 0.0 | 40.55 | 2.525 | 0.0 | 44.691 | 1.763 | 0.0 | 50.084 | 2.23 | 0.0 | 43.743 | 1.968 | 0.0 | 39.994 | 2.526 |
| 59 | 12621 | 12622 | SN | 1 | 0.0 | 44.165 | 5.703 | 0.0 | 51.602 | 6.212 | 0.0 | 46.582 | 4.715 | 0.0 | 47.125 | 5.626 | 0.0 | 43.864 | 5.693 | 0.0 | 51.75 | 6.009 | 0.0 | 45.323 | 4.581 | 0.0 | 44.167 | 5.44 |
| 60 | 12621 | 12622 | NS | 1 | 0.0 | 43.486 | 0.848 | 0.0 | 44.029 | 1.277 | 0.0 | 35.513 | 0.957 | 0.0 | 44.223 | 1.402 | 0.0 | 43.705 | 0.852 | 0.0 | 42.003 | 1.128 | 0.0 | 35.717 | 0.943 | 0.0 | 41.256 | 1.224 |
| 61 | 12621 | 12622 | NS | 1 | 0.0 | 43.486 | 0.848 | 0.0 | 44.029 | 1.277 | 0.0 | 35.513 | 0.957 | 0.0 | 44.223 | 1.402 | 0.0 | 43.705 | 0.852 | 0.0 | 42.003 | 1.128 | 0.0 | 35.717 | 0.943 | 0.0 | 41.256 | 1.224 |
| 62 | 12621 | 12622 | NS | 1 | 0.0 | 42.979 | 2.633 | 0.0 | 54.827 | 3.576 | 0.0 | 40.327 | 3.14 | 0.0 | 46.218 | 4.191 | 0.0 | 42.772 | 2.664 | 0.0 | 55.557 | 3.455 | 0.0 | 42.131 | 3.133 | 0.0 | 45.754 | 3.657 |
| 63 | 12621 | 12622 | NS | 1 | 0.0 | 42.979 | 2.633 | 0.0 | 54.827 | 3.576 | 0.0 | 40.327 | 3.14 | 0.0 | 46.218 | 4.191 | 0.0 | 42.772 | 2.664 | 0.0 | 55.557 | 3.455 | 0.0 | 42.131 | 3.133 | 0.0 | 45.754 | 3.657 |
| 64 | 12621 | 12622 | SN | 1 | 0.0 | 45.715 | 1.33 | 0.0 | 38.859 | 1.705 | 0.0 | 42.103 | 1.459 | 0.0 | 41.02 | 1.783 | 0.0 | 45.81 | 1.368 | 0.0 | 40.165 | 1.601 | 0.0 | 39.858 | 1.429 | 0.0 | 40.096 | 1.758 |
| 65 | 12622 | 12623 | NS | 1 | 0.0 | 41.712 | 0.939 | 0.0 | 43.508 | 1.419 | 0.0 | 35.801 | 1.448 | 0.0 | 46.705 | 1.89 | 0.0 | 41.529 | 0.921 | 0.0 | 46.179 | 1.329 | 0.0 | 37.259 | 1.377 | 0.0 | 46.746 | 1.724 |
| 66 | 12622 | 12623 | NS | 1 | 0.0 | 43.485 | 3.281 | 0.0 | 45.231 | 4.76 | 0.0 | 42.544 | 3.792 | 0.0 | 41.438 | 5.44 | 0.0 | 42.916 | 3.374 | 0.0 | 45.576 | 4.565 | 0.0 | 41.46 | 3.756 | 0.0 | 41.319 | 5.122 |
| 67 | 12624 | 12625 | SN | 1 | 0.0 | 43.718 | 1.524 | 0.0 | 40.496 | 2.057 | 0.0 | 45.089 | 1.83 | 0.0 | 36.87 | 2.562 | 0.0 | 43.516 | 1.589 | 0.0 | 41.979 | 2.019 | 0.0 | 42.062 | 1.892 | 0.0 | 37.149 | 2.5 |

| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
|--------------------------|------------|------|--------|--------|------------|
| | Range | 20.0 | 20.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 12624 | 12625 | SN | 1 | 0.0 | 40.923 | 5.501 | 0.0 | 48.633 | 6.528 | 0.0 | 42.283 | 5.38 | 0.0 | 44.813 | 7.58 | 0.0 | 41.822 | 5.692 | 0.0 | 46.477 | 6.568 | 0.0 | 40.385 | 5.551 | 0.0 | 49.051 | 7.516 |
| 69 | 12625 | 12626 | NS | 1 | 0.0 | 49.054 | 1.875 | 0.0 | 53.118 | 2.578 | 0.0 | 47.666 | 2.137 | 0.0 | 52.425 | 2.683 | 0.0 | 50.449 | 1.814 | 0.0 | 53.697 | 2.366 | 0.0 | 48.788 | 2.016 | 0.0 | 49.032 | 2.327 |
| 70 | 12625 | 12626 | SN | 1 | 0.0 | 42.422 | 3.088 | 0.0 | 50.499 | 3.841 | 0.0 | 42.823 | 3.619 | 0.0 | 39.555 | 4.864 | 0.0 | 42.926 | 3.11 | 0.0 | 52.098 | 3.577 | 0.0 | 44.788 | 3.619 | 0.0 | 38.842 | 4.537 |
| 71 | 12625 | 12626 | NS | 1 | 0.0 | 49.054 | 2.059 | 0.0 | 53.118 | 2.893 | 0.0 | 47.666 | 2.295 | 0.0 | 52.425 | 3.026 | 0.0 | 50.449 | 1.979 | 0.0 | 53.697 | 2.664 | 0.0 | 48.788 | 2.189 | 0.0 | 49.032 | 2.63 |
| 72 | 12625 | 12626 | NS | 1 | 0.0 | 55.044 | 0.459 | 0.0 | 43.259 | 0.736 | 0.0 | 38.231 | 0.633 | 0.0 | 40.353 | 0.888 | 0.0 | 53.337 | 0.446 | 0.0 | 42.49 | 0.634 | 0.0 | 38.604 | 0.574 | 0.0 | 36.334 | 0.716 |
| 73 | 12625 | 12626 | NS | 1 | 0.0 | 55.044 | 0.512 | 0.0 | 43.259 | 0.831 | 0.0 | 38.231 | 0.678 | 0.0 | 40.353 | 0.996 | 0.0 | 53.337 | 0.496 | 0.0 | 42.49 | 0.716 | 0.0 | 38.604 | 0.619 | 0.0 | 36.334 | 0.813 |
| 74 | 12625 | 12626 | SN | 1 | 0.0 | 41.795 | 0.985 | 0.0 | 42.346 | 1.349 | 0.0 | 39.21 | 1.168 | 0.0 | 37.414 | 1.629 | 0.0 | 42.115 | 0.977 | 0.0 | 44.704 | 1.201 | 0.0 | 40.047 | 1.156 | 0.0 | 37.18 | 1.399 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|---------|------------|------------|---------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-----|------------|-----------|-----|------------|------------|-----|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | 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 | 12607 | 12608 | SN | 1 | 0.0 | 32.494 | 12.22 | 0.0 | 24.586 | 12.513 | 0.0 | 140.798 | 10.44 | 0.0 | 61.272 | 12.749 | 0.0 | 1.411 | 0.0 | 1.79 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 2 | 12607 | 12608 | SN | 1 | 0.0 | 23.29 | 6.172 | 0.0 | 25.474 | 7.895 | 0.0 | 140.969 | 3.074 | 0.0 | 191.649 | 4.416 | 0.0 | 1.403 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 3 | 12608 | 12609 | NS | 1 | 0.0 | 270.916 | 9.632 | 0.0 | 32.958 | 14.105 | 0.0 | 269.204 | 9.715 | 0.0 | 37.259 | 11.883 | 0.0 | 1.419 | 0.0 | 1.807 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.167 | 0.0 | |
| 4 | 12608 | 12609 | NS | 1 | 0.0 | 105.808 | 5.351 | 0.0 | 24.509 | 7.167 | 0.0 | 194.556 | 2.746 | 0.0 | 68.871 | 3.154 | 0.0 | 1.438 | 0.0 | 1.806 | 0.0 | 0.0 | 1.882 | 0.0 | 0.0 | 2.165 | 0.0 | |
| 5 | 12608 | 12609 | SN | 1 | 0.0 | 32.516 | 12.248 | 0.0 | 154.434 | 12.51 | 0.0 | 139.596 | 10.402 | 0.0 | 66.947 | 12.469 | 0.0 | 1.412 | 0.0 | 1.79 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.144 | 0.0 | |
| 6 | 12608 | 12609 | SN | 1 | 0.0 | 23.295 | 6.209 | 0.0 | 235.118 | 7.888 | 0.0 | 160.316 | 2.967 | 0.0 | 75.153 | 4.256 | 0.0 | 1.403 | 0.0 | 1.786 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.141 | 0.0 | |
| 7 | 12609 | 12610 | NS | 1 | 0.0 | 203.721 | 5.341 | 0.0 | 24.514 | 7.095 | 0.0 | 355.268 | 2.709 | 0.0 | 65.027 | 3.088 | 0.0 | 1.436 | 0.0 | 1.805 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.164 | 0.0 | |
| 8 | 12609 | 12610 | NS | 1 | 0.0 | 209.589 | 9.601 | 0.0 | 32.825 | 14.111 | 0.0 | 356.774 | 9.574 | 0.0 | 33.823 | 11.653 | 0.0 | 1.42 | 0.0 | 1.807 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.162 | 0.0 | |
| 9 | 12611 | 12612 | SN | 1 | 0.0 | 23.306 | 6.182 | 0.0 | 25.49 | 7.897 | 0.0 | 151.955 | 3.016 | 0.0 | 57.858 | 4.402 | 0.0 | 1.402 | 0.0 | 1.786 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 10 | 12611 | 12612 | SN | 1 | 0.0 | 32.527 | 12.371 | 0.0 | 24.586 | 12.508 | 0.0 | 149.269 | 10.547 | 0.0 | 71.124 | 12.792 | 0.0 | 1.411 | 0.0 | 1.792 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.146 | 0.0 | |
| 11 | 12611 | 12612 | SN | 1 | 0.0 | 23.306 | 6.182 | 0.0 | 25.49 | 7.897 | 0.0 | 151.955 | 3.023 | 0.0 | 57.858 | 4.402 | 0.0 | 1.402 | 0.0 | 1.786 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 12 | 12611 | 12612 | SN | 1 | 0.0 | 32.527 | 12.371 | 0.0 | 24.586 | 12.508 | 0.0 | 149.269 | 10.533 | 0.0 | 71.124 | 12.792 | 0.0 | 1.411 | 0.0 | 1.792 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.146 | 0.0 | |
| 13 | 12612 | 12613 | SN | 1 | 0.0 | 23.29 | 6.293 | 0.0 | 25.468 | 7.947 | 0.0 | 129.801 | 3.007 | 0.0 | 140.641 | 4.423 | 0.0 | 1.403 | 0.0 | 1.786 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 14 | 12612 | 12613 | NS | 1 | 0.0 | 58.831 | 9.567 | 0.0 | 34.336 | 14.089 | 0.0 | 355.114 | 9.703 | 0.0 | 35.307 | 11.764 | 0.0 | 1.42 | 0.0 | 1.81 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 | |
| 15 | 12612 | 12613 | SN | 1 | 0.0 | 23.29 | 6.293 | 0.0 | 25.468 | 7.947 | 0.0 | 129.801 | 3.01 | 0.0 | 140.641 | 4.423 | 0.0 | 1.403 | 0.0 | 1.786 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 16 | 12612 | 12613 | SN | 1 | 0.0 | 32.544 | 12.271 | 0.0 | 24.586 | 12.538 | 0.0 | 136.22 | 10.425 | 0.0 | 61.785 | 12.862 | 0.0 | 1.412 | 0.0 | 1.791 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 17 | 12612 | 12613 | SN | 1 | 0.0 | 32.544 | 12.271 | 0.0 | 24.586 | 12.538 | 0.0 | 136.22 | 10.425 | 0.0 | 61.796 | 12.862 | 0.0 | 1.412 | 0.0 | 1.791 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 18 | 12612 | 12613 | NS | 1 | 0.0 | 25.568 | 5.404 | 0.0 | 24.509 | 7.152 | 0.0 | 244.155 | 2.732 | 0.0 | 61.933 | 3.128 | 0.0 | 1.438 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 | |
| 19 | 12612 | 12613 | SN | 1 | 0.0 | 23.29 | 6.27 | 0.0 | 25.468 | 7.875 | 0.0 | 129.801 | 3.012 | 0.0 | 140.641 | 4.302 | 0.0 | 1.403 | 0.0 | 1.786 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.14 | 0.0 | |
| 20 | 12612 | 12613 | SN | 1 | 0.0 | 32.544 | 12.355 | 0.0 | 24.586 | 12.279 | 0.0 | 136.22 | 10.467 | 0.0 | 21.404 | 12.5 | 0.0 | 1.412 | 0.0 | 1.791 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 21 | 12613 | 12614 | NS | 1 | 0.0 | 24.608 | 9.555 | 0.0 | 32.969 | 14.042 | 0.0 | 230.42 | 9.648 | 0.0 | 36.928 | 11.72 | 0.0 | 1.415 | 0.0 | 1.805 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.167 | 0.0 | |
| 22 | 12613 | 12614 | SN | 1 | 0.0 | 25.435 | 6.25 | 0.0 | 25.474 | 7.808 | 0.0 | 137.98 | 2.922 | 0.0 | 177.751 | 4.124 | 0.0 | 1.404 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.142 | 0.0 | |
| 23 | 12613 | 12614 | SN | 1 | 0.0 | 25.435 | 6.25 | 0.0 | 25.474 | 7.808 | 0.0 | 137.98 | 2.922 | 0.0 | 177.751 | 4.124 | 0.0 | 1.404 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.142 | 0.0 | |
| 24 | 12613 | 12614 | SN | 1 | 0.0 | 32.494 | 12.219 | 0.0 | 24.591 | 12.296 | 0.0 | 139.094 | 10.126 | 0.0 | 65.747 | 12.273 | 0.0 | 1.413 | 0.0 | 1.792 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 25 | 12613 | 12614 | SN | 1 | 0.0 | 32.494 | 12.216 | 0.0 | 24.591 | 12.336 | 0.0 | 139.094 | 10.126 | 0.0 | 65.747 | 12.32 | 0.0 | 1.413 | 0.0 | 1.792 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 26 | 12613 | 12614 | SN | 1 | 0.0 | 32.494 | 12.196 | 0.0 | 24.591 | 12.445 | 0.0 | 139.094 | 10.094 | 0.0 | 65.747 | 12.497 | 0.0 | 1.413 | 0.0 | 1.792 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.145 | 0.0 | |
| 27 | 12613 | 12614 | NS | 1 | 0.0 | 24.608 | 9.555 | 0.0 | 32.963 | 14.042 | 0.0 | 287.367 | 9.648 | 0.0 | 36.934 | 11.713 | 0.0 | 1.415 | 0.0 | 1.805 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.167 | 0.0 | |
| 28 | 12613 | 12614 | NS | 1 | 0.0 | 120.406 | 5.356 | 0.0 | 24.503 | 7.084 | 0.0 | 354.992 | 2.721 | 0.0 | 51.455 | 3.095 | 0.0 | 1.438 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 | |
| 29 | 12613 | 12614 | NS | 1 | 0.0 | 120.401 | 5.356 | 0.0 | 24.503 | 7.082 | 0.0 | 354.992 | 2.721 | 0.0 | 51.46 | 3.093 | 0.0 | 1.438 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 | |
| 30 | 12613 | 12614 | SN | 1 | 0.0 | 25.435 | 6.264 | 0.0 | 25.474 | 7.832 | 0.0 | 137.98 | 2.917 | 0.0 | 177.751 | 4.189 | 0.0 | 1.404 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.142 | 0.0 | |
| 31 | 12614 | 12615 | SN | 1 | 0.0 | 23.301 | 6.331 | 0.0 | 266.659 | 7.889 | 0.0 | 134.003 | 3.112 | 0.0 | 207.789 | 4.377 | 0.0 | 1.404 | 0.0 | 1.787 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.142 | 0.0 | |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 12614 | 12615 | NS | 1 | 0.0 | 25.59 | 5.339 | 0.0 | 24.503 | 7.039 | 0.0 | 355.34 | 2.656 | 0.0 | 24.023 | 3.011 | 0.0 | 1.439 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 33 | 12614 | 12615 | SN | 1 | 0.0 | 23.301 | 6.317 | 0.0 | 266.659 | 7.85 | 0.0 | 134.003 | 3.102 | 0.0 | 207.789 | 4.287 | 0.0 | 1.404 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.142 | 0.0 |
| 34 | 12614 | 12615 | SN | 1 | 0.0 | 32.516 | 12.184 | 0.0 | 235.791 | 12.435 | 0.0 | 136.899 | 10.498 | 0.0 | 68.667 | 12.863 | 0.0 | 1.413 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.151 | 0.0 |
| 35 | 12614 | 12615 | SN | 1 | 0.0 | 32.516 | 12.209 | 0.0 | 235.791 | 12.235 | 0.0 | 136.899 | 10.528 | 0.0 | 23.891 | 12.603 | 0.0 | 1.413 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.151 | 0.0 |
| 36 | 12614 | 12615 | NS | 1 | 0.0 | 82.618 | 9.624 | 0.0 | 32.985 | 13.992 | 0.0 | 354.529 | 9.541 | 0.0 | 37.723 | 11.622 | 0.0 | 1.415 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.167 | 0.0 |
| 37 | 12615 | 12616 | NS | 1 | 0.0 | 270.199 | 9.607 | 0.0 | 32.853 | 14.097 | 0.0 | 356.57 | 9.676 | 0.0 | 33.548 | 11.734 | 0.0 | 1.421 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.164 | 0.0 |
| 38 | 12615 | 12616 | SN | 1 | 0.0 | 23.29 | 6.374 | 0.0 | 236.712 | 7.886 | 0.0 | 143.384 | 3.126 | 0.0 | 52.812 | 4.307 | 0.0 | 1.404 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.145 | 0.0 |
| 39 | 12615 | 12616 | NS | 1 | 0.0 | 265.467 | 5.369 | 0.0 | 24.492 | 7.064 | 0.0 | 138.225 | 2.677 | 0.0 | 25.193 | 3.028 | 0.0 | 1.428 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 40 | 12615 | 12616 | SN | 1 | 0.0 | 32.268 | 12.239 | 0.0 | 180.829 | 12.422 | 0.0 | 151.53 | 10.517 | 0.0 | 67.107 | 12.796 | 0.0 | 1.413 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.148 | 0.0 |
| 41 | 12618 | 12619 | NS | 1 | 0.0 | 25.573 | 5.368 | 0.0 | 24.503 | 7.112 | 0.0 | 135.545 | 2.644 | 0.0 | 40.568 | 3.008 | 0.0 | 1.435 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 42 | 12618 | 12619 | SN | 1 | 0.0 | 23.295 | 6.353 | 0.0 | 25.474 | 7.733 | 0.0 | 135.261 | 2.941 | 0.0 | 77.053 | 4.087 | 0.0 | 1.403 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.147 | 0.0 |
| 43 | 12618 | 12619 | NS | 1 | 0.0 | 23.213 | 9.569 | 0.0 | 34.805 | 14.179 | 0.0 | 218.559 | 9.691 | 0.0 | 35.506 | 11.799 | 0.0 | 1.408 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 44 | 12618 | 12619 | SN | 1 | 0.0 | 23.295 | 6.391 | 0.0 | 25.474 | 7.902 | 0.0 | 135.261 | 2.958 | 0.0 | 77.053 | 4.307 | 0.0 | 1.403 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.147 | 0.0 |
| 45 | 12618 | 12619 | SN | 1 | 0.0 | 32.5 | 12.256 | 0.0 | 24.586 | 12.418 | 0.0 | 149.776 | 10.441 | 0.0 | 58.387 | 12.714 | 0.0 | 1.413 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.15 | 0.0 |
| 46 | 12618 | 12619 | SN | 1 | 0.0 | 32.5 | 12.421 | 0.0 | 24.553 | 11.908 | 0.0 | 149.776 | 10.53 | 0.0 | 17.339 | 11.93 | 0.0 | 1.413 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.15 | 0.0 |
| 47 | 12619 | 12620 | SN | 1 | 0.0 | 23.301 | 6.205 | 0.0 | 70.319 | 7.879 | 0.0 | 136.789 | 2.894 | 0.0 | 71.166 | 4.158 | 0.0 | 1.404 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.143 | 0.0 |
| 48 | 12619 | 12620 | SN | 1 | 0.0 | 32.527 | 12.333 | 0.0 | 70.363 | 11.617 | 0.0 | 138.222 | 10.497 | 0.0 | 15.69 | 11.422 | 0.0 | 1.412 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.146 | 0.0 |
| 49 | 12619 | 12620 | NS | 1 | 0.0 | 254.575 | 9.628 | 0.0 | 32.941 | 14.061 | 0.0 | 354.59 | 9.658 | 0.0 | 34.143 | 11.759 | 0.0 | 1.416 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.162 | 0.0 |
| 50 | 12619 | 12620 | SN | 1 | 0.0 | 32.527 | 12.191 | 0.0 | 70.363 | 12.523 | 0.0 | 138.222 | 10.401 | 0.0 | 68.369 | 12.738 | 0.0 | 1.412 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.146 | 0.0 |
| 51 | 12620 | 12621 | NS | 1 | 0.0 | 81.796 | 5.364 | 0.0 | 163.095 | 7.184 | 0.0 | 269.562 | 2.627 | 0.0 | 187.438 | 3.114 | 0.0 | 1.438 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 52 | 12620 | 12621 | SN | 1 | 0.0 | 23.295 | 6.295 | 0.0 | 25.485 | 7.896 | 0.0 | 149.335 | 3.022 | 0.0 | 65.127 | 4.369 | 0.0 | 1.402 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.143 | 0.0 |
| 53 | 12620 | 12621 | NS | 1 | 0.0 | 23.202 | 9.617 | 0.0 | 186.567 | 14.244 | 0.0 | 356.57 | 9.682 | 0.0 | 188.613 | 12.048 | 0.0 | 1.421 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.163 | 0.0 |
| 54 | 12620 | 12621 | NS | 1 | 0.0 | 23.202 | 9.617 | 0.0 | 186.567 | 14.244 | 0.0 | 356.57 | 9.682 | 0.0 | 188.613 | 12.048 | 0.0 | 1.421 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.163 | 0.0 |
| 55 | 12620 | 12621 | SN | 1 | 0.0 | 32.097 | 12.351 | 0.0 | 24.586 | 12.564 | 0.0 | 152.721 | 10.611 | 0.0 | 70.322 | 12.916 | 0.0 | 1.415 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.146 | 0.0 |
| 56 | 12620 | 12621 | SN | 1 | 0.0 | 32.097 | 12.351 | 0.0 | 24.586 | 12.564 | 0.0 | 152.721 | 10.611 | 0.0 | 70.322 | 12.916 | 0.0 | 1.415 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.146 | 0.0 |
| 57 | 12620 | 12621 | NS | 1 | 0.0 | 81.796 | 5.364 | 0.0 | 163.095 | 7.184 | 0.0 | 269.562 | 2.627 | 0.0 | 187.438 | 3.114 | 0.0 | 1.438 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 58 | 12620 | 12621 | SN | 1 | 0.0 | 23.295 | 6.295 | 0.0 | 25.485 | 7.896 | 0.0 | 149.335 | 3.022 | 0.0 | 65.127 | 4.369 | 0.0 | 1.402 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.143 | 0.0 |
| 59 | 12621 | 12622 | SN | 1 | 0.0 | 32.29 | 12.329 | 0.0 | 37.361 | 12.454 | 0.0 | 163.354 | 10.712 | 0.0 | 62.446 | 12.795 | 0.0 | 1.413 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.148 | 0.0 |
| 60 | 12621 | 12622 | NS | 1 | 0.0 | 215.849 | 5.343 | 0.0 | 24.498 | 7.037 | 0.0 | 244.066 | 2.536 | 0.0 | 55.944 | 2.914 | 0.0 | 1.438 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 61 | 12621 | 12622 | NS | 1 | 0.0 | 215.849 | 5.343 | 0.0 | 24.498 | 7.037 | 0.0 | 244.066 | 2.536 | 0.0 | 55.944 | 2.914 | 0.0 | 1.438 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 62 | 12621 | 12622 | NS | 1 | 0.0 | 23.395 | 9.515 | 0.0 | 35.395 | 14.163 | 0.0 | 181.077 | 9.534 | 0.0 | 32.974 | 11.605 | 0.0 | 1.415 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.164 | 0.0 |
| 63 | 12621 | 12622 | NS | 1 | 0.0 | 23.395 | 9.515 | 0.0 | 35.395 | 14.163 | 0.0 | 181.077 | 9.534 | 0.0 | 32.974 | 11.605 | 0.0 | 1.415 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.164 | 0.0 |
| 64 | 12621 | 12622 | SN | 1 | 0.0 | 23.306 | 6.377 | 0.0 | 73.347 | 7.973 | 0.0 | 167.777 | 3.094 | 0.0 | 60.147 | 4.398 | 0.0 | 1.405 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.143 | 0.0 |
| 65 | 12622 | 12623 | NS | 1 | 0.0 | 25.59 | 5.423 | 0.0 | 25.022 | 7.064 | 0.0 | 349.047 | 2.638 | 0.0 | 12.855 | 2.87 | 0.0 | 1.439 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 66 | 12622 | 12623 | NS | 1 | 0.0 | 23.207 | 9.545 | 0.0 | 29.709 | 13.86 | 0.0 | 356.724 | 9.709 | 0.0 | 16.159 | 11.415 | 0.0 | 1.416 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.163 | 0.0 |
| 67 | 12624 | 12625 | SN | 1 | 0.0 | 23.301 | 6.434 | 0.0 | 65.609 | 7.985 | 0.0 | 163.156 | 3.18 | 0.0 | 65.772 | 4.424 | 0.0 | 1.408 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.144 | 0.0 |
| 68 | 12624 | 12625 | SN | 1 | 0.0 | 32.45 | 12.196 | 0.0 | 179.461 | 12.511 | 0.0 | 151.365 | 10.782 | 0.0 | 58.696 | 12.869 | 0.0 | 1.413 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.148 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|--------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 12625 | 12626 | NS | 1 | 0.0 | 270.503 | 9.737 | 0.0 | 32.781 | 14.066 | 0.0 | 359.675 | 9.717 | 0.0 | 32.814 | 11.7 | 0.0 | 1.422 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.166 | 0.0 |
| 70 | 12625 | 12626 | SN | 1 | 0.0 | 32.428 | 12.482 | 0.0 | 44.31 | 11.699 | 0.0 | 135.283 | 10.732 | 0.0 | 15.723 | 11.736 | 0.0 | 1.414 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.147 | 0.0 |
| 71 | 12625 | 12626 | NS | 1 | 0.0 | 270.503 | 9.974 | 0.0 | 29.704 | 13.456 | 0.0 | 359.675 | 11.061 | 0.0 | 14.538 | 11.603 | 0.0 | 1.422 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.166 | 0.0 |
| 72 | 12625 | 12626 | NS | 1 | 0.0 | 79.532 | 5.382 | 0.0 | 24.492 | 7.067 | 0.0 | 140.437 | 2.654 | 0.0 | 63.654 | 2.982 | 0.0 | 1.433 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.167 | 0.0 |
| 73 | 12625 | 12626 | NS | 1 | 0.0 | 79.532 | 6.118 | 0.0 | 24.492 | 7.492 | 0.0 | 140.437 | 3.02 | 0.0 | 12.933 | 3.25 | 0.0 | 1.433 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.167 | 0.0 |
| 74 | 12625 | 12626 | SN | 1 | 0.0 | 23.306 | 6.379 | 0.0 | 44.31 | 7.699 | 0.0 | 140.153 | 3.09 | 0.0 | 15.525 | 4.13 | 0.0 | 1.405 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.145 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |