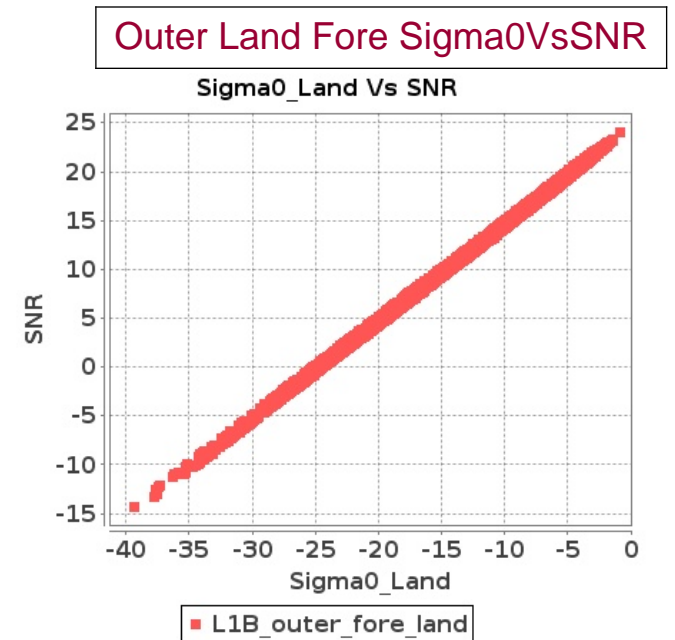
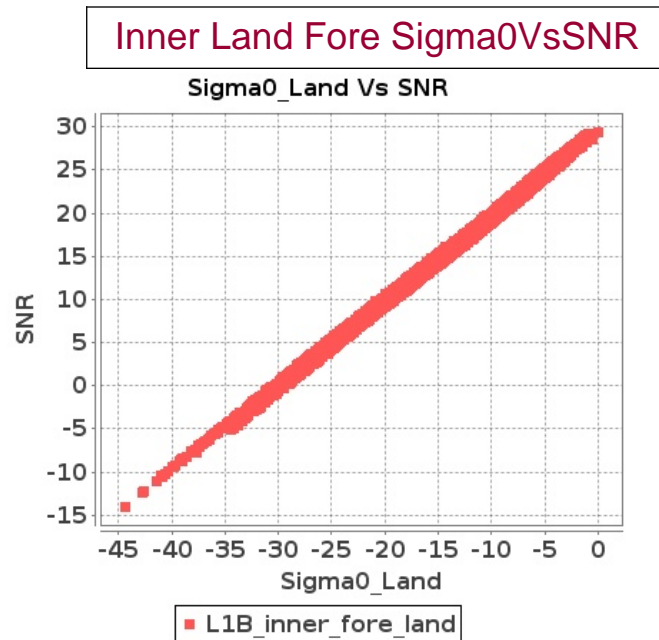
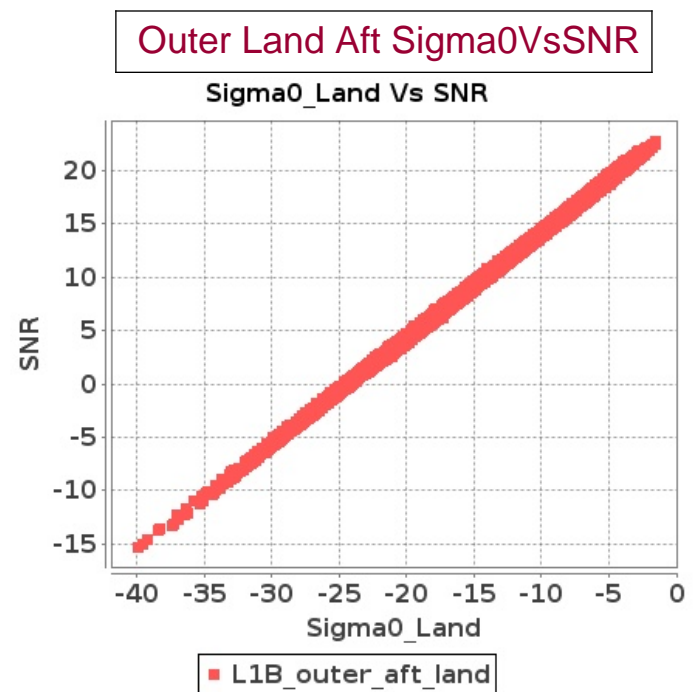
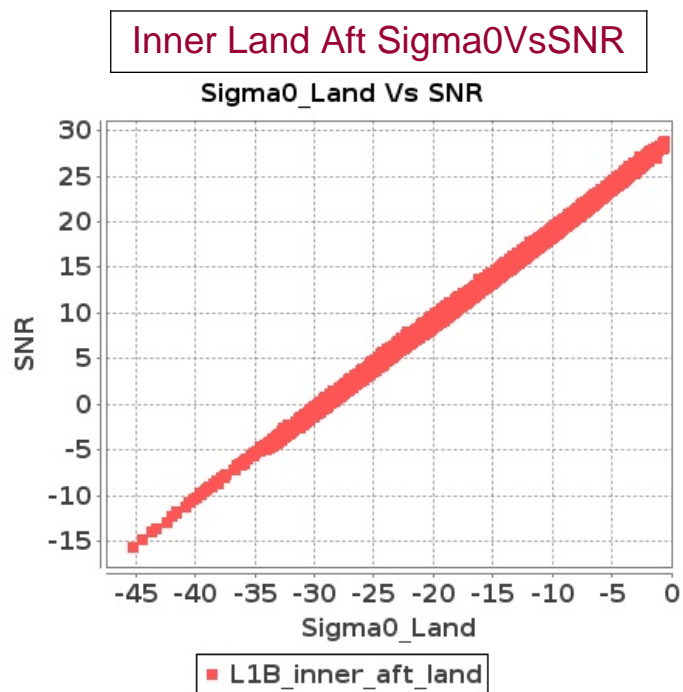
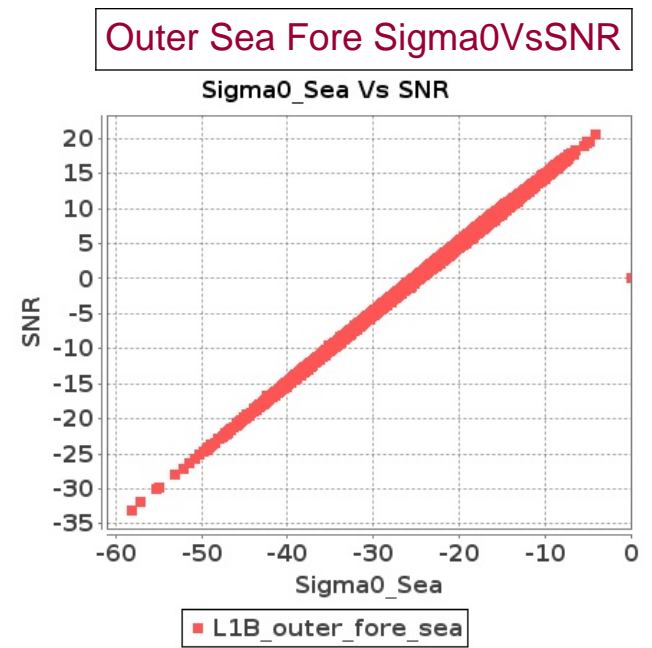
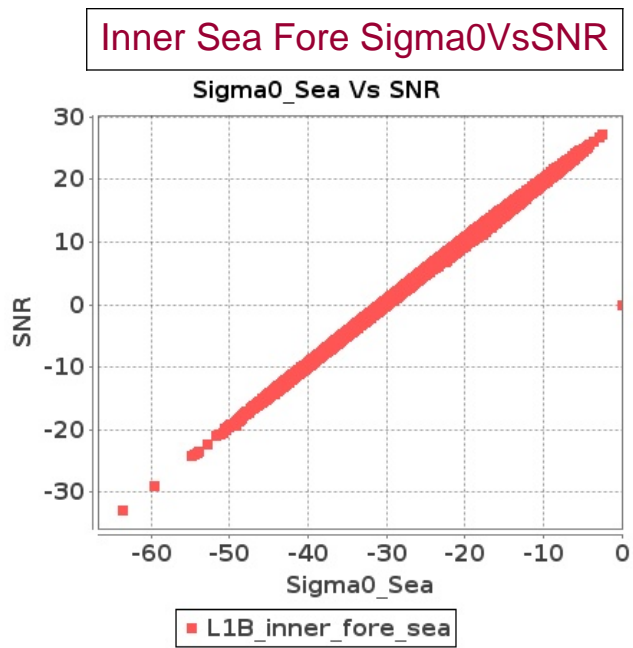
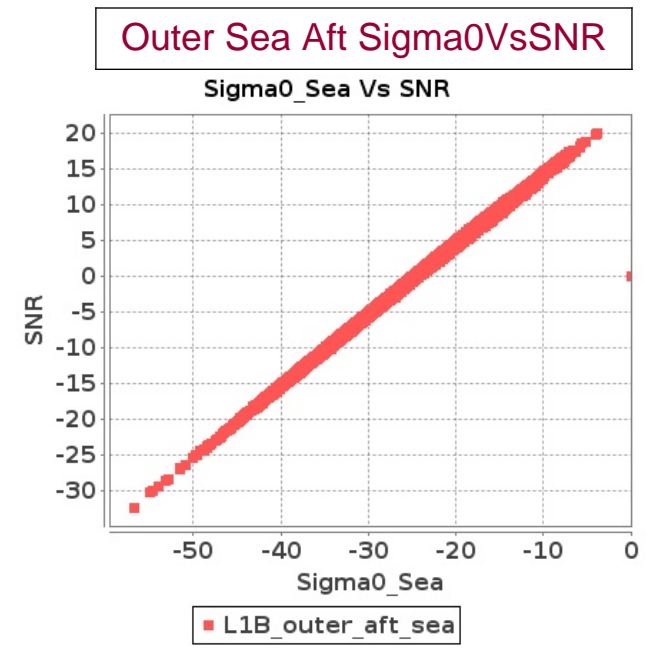
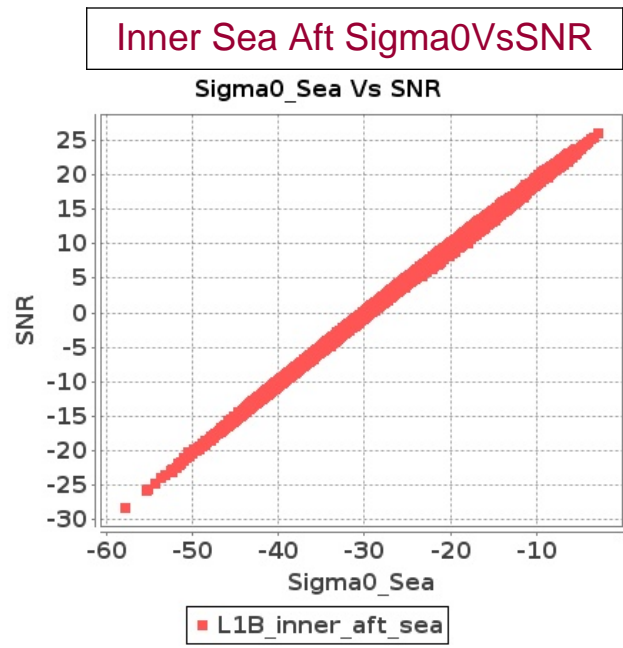
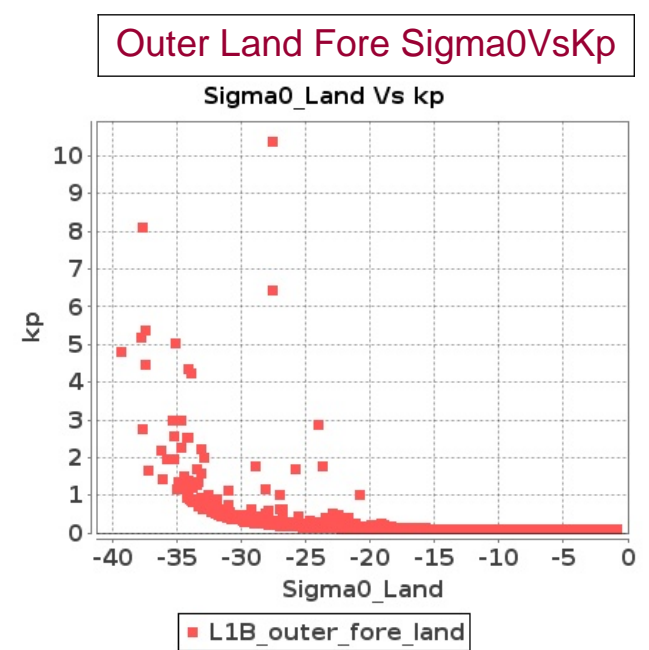
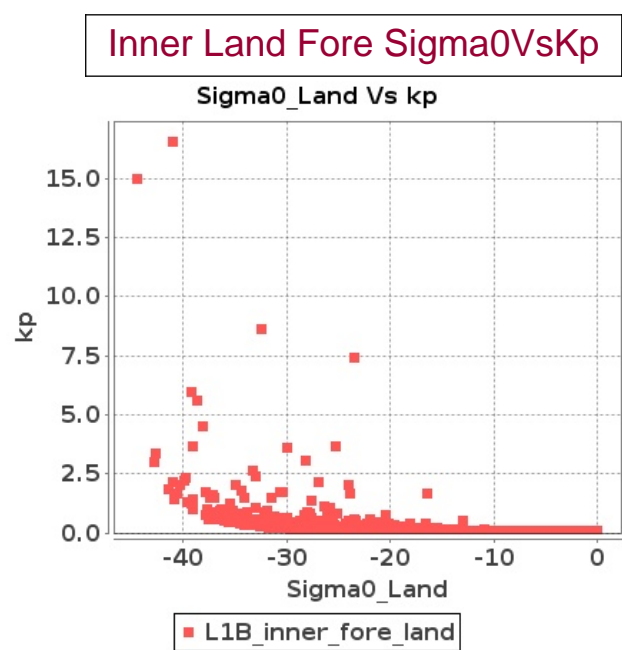
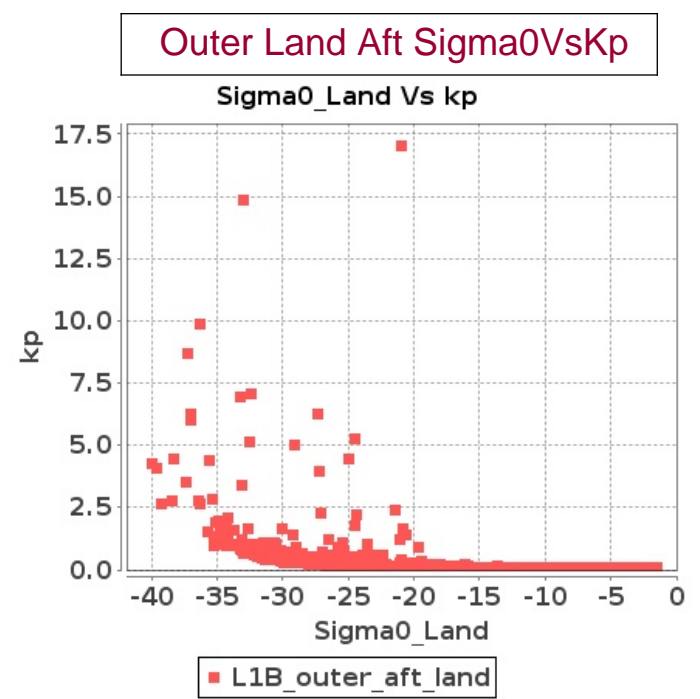
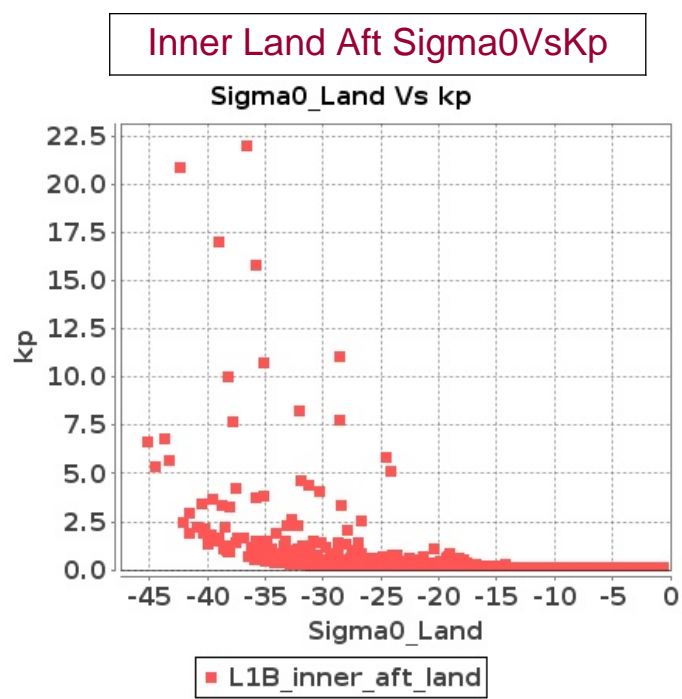
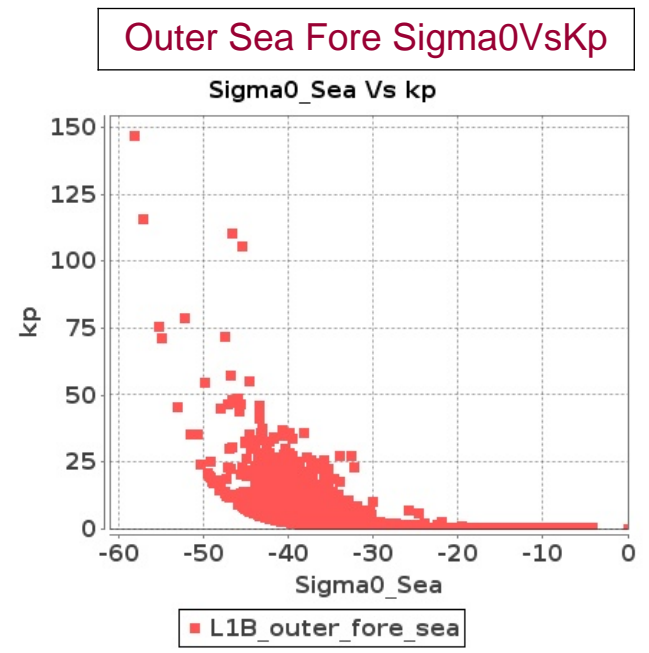
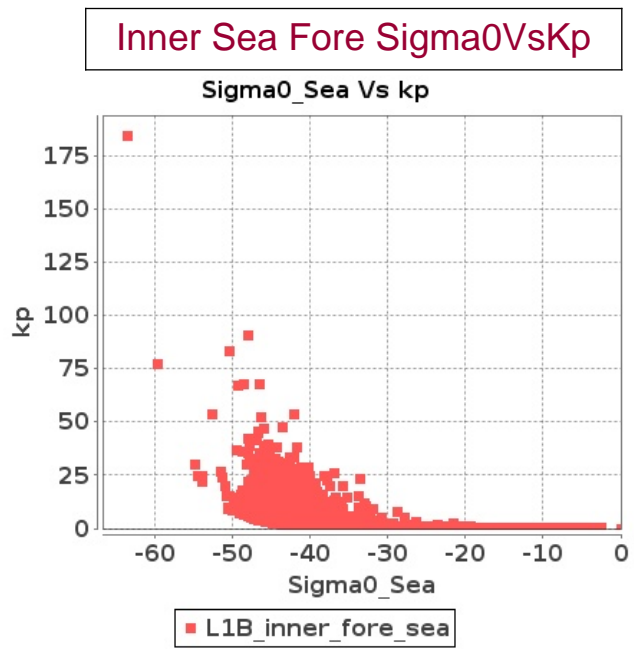
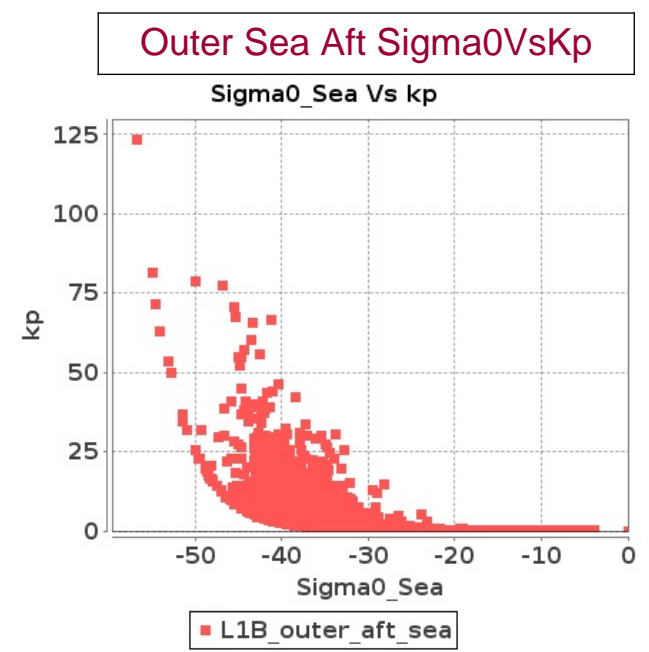
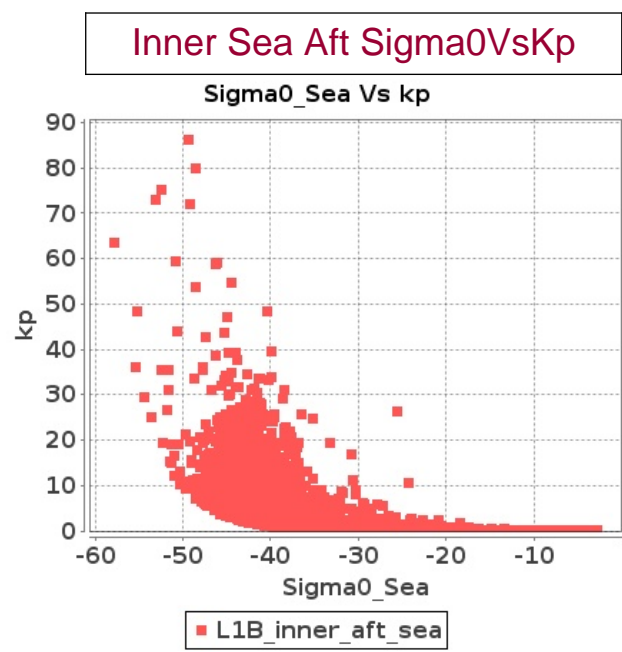


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 23-AUG-2019 To 24-AUG-2019





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

Report between 23-AUG-2019 To 24-AUG-2019

| | | | | | 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 | 15381 | 15382 | SN | 1 | 48.822 | 49.481 | 0.0 | 0.0 | 133.132 | 2.753 | 1037.304 | 1086.624 | 0.0 | -91.906 | -90.06 | 0.0 |
| 2 | 15381 | 15382 | SN | 1 | 48.822 | 49.481 | 0.0 | 0.003 | 6.602 | 2.035 | 1037.304 | 1086.624 | 0.0 | -91.906 | -90.06 | 0.0 |
| 3 | 15381 | 15382 | SN | 1 | 48.823 | 49.48 | 0.0 | 0.0 | 133.132 | 2.749 | 1037.296 | 1086.6 | 0.0 | -91.902 | -90.06 | 0.0 |
| 4 | 15382 | 15383 | SN | 1 | 48.774 | 49.516 | 0.0 | 0.003 | 214.975 | 2.584 | 1036.664 | 1086.576 | 0.0 | -91.997 | -90.029 | 0.0 |
| 5 | 15382 | 15383 | SN | 1 | 48.774 | 49.516 | 0.0 | 0.003 | 214.975 | 2.436 | 1036.664 | 1086.576 | 0.0 | -91.93 | -90.029 | 0.0 |
| 6 | 15382 | 15383 | NS | 1 | 48.643 | 49.32 | 0.0 | 0.003 | 210.337 | 2.549 | 1029.056 | 1085.784 | 0.0 | -91.692 | -89.957 | 0.0 |
| 7 | 15382 | 15383 | SN | 1 | 48.774 | 49.516 | 0.0 | 0.003 | 214.975 | 2.586 | 1036.664 | 1086.576 | 0.0 | -91.93 | -90.029 | 0.0 |
| 8 | 15383 | 15384 | SN | 1 | 48.772 | 49.536 | 0.0 | 0.003 | 215.454 | 2.375 | 1036.248 | 1086.8 | 0.0 | -91.849 | -90.059 | 0.0 |
| 9 | 15383 | 15384 | NS | 1 | 48.672 | 49.318 | 0.0 | 0.0 | 264.505 | 2.649 | 1029.608 | 1085.904 | 0.0 | -91.716 | -89.912 | 0.0 |
| 10 | 15383 | 15384 | NS | 1 | 48.671 | 49.319 | 0.0 | 0.0 | 264.505 | 2.649 | 1029.592 | 1085.928 | 0.0 | -91.716 | -89.912 | 0.0 |
| 11 | 15383 | 15384 | SN | 1 | 48.772 | 49.536 | 0.0 | 0.003 | 215.454 | 2.512 | 1036.248 | 1086.8 | 0.0 | -93.924 | -90.059 | 0.0 |
| 12 | 15383 | 15384 | SN | 2 | 48.772 | 49.536 | 0.0 | 0.003 | 215.454 | 2.375 | 1036.248 | 1086.8 | 0.0 | -91.849 | -90.059 | 0.0 |
| 13 | 15384 | 15385 | SN | 2 | 48.778 | 49.503 | 0.0 | 0.003 | 6.612 | 2.54 | 1036.424 | 1086.664 | 0.0 | -92.194 | -90.06 | 0.0 |
| 14 | 15384 | 15385 | NS | 1 | 48.651 | 49.319 | 0.0 | 0.003 | 42.623 | 2.554 | 1029.232 | 1085.872 | 0.0 | -91.687 | -89.964 | 0.0 |
| 15 | 15384 | 15385 | NS | 1 | 48.652 | 49.319 | 0.0 | 0.003 | 42.623 | 2.557 | 1029.416 | 1085.872 | 0.0 | -91.687 | -89.964 | 0.0 |
| 16 | 15384 | 15385 | SN | 1 | 48.778 | 49.503 | 0.0 | 0.003 | 6.612 | 2.308 | 1036.424 | 1086.664 | 0.0 | -91.789 | -90.06 | 0.0 |
| 17 | 15384 | 15385 | SN | 1 | 48.778 | 49.503 | 0.0 | 0.003 | 6.612 | 2.54 | 1036.424 | 1086.664 | 0.0 | -92.194 | -90.06 | 0.0 |
| 18 | 15385 | 15386 | NS | 1 | 48.671 | 49.328 | 0.0 | 0.003 | 264.676 | 2.671 | 1030.32 | 1085.784 | 0.0 | -91.771 | -89.966 | 0.0 |
| 19 | 15385 | 15386 | SN | 1 | 48.771 | 49.54 | 0.0 | 0.003 | 280.962 | 2.167 | 1036.744 | 1086.552 | 0.0 | -91.909 | -90.06 | 0.0 |
| 20 | 15385 | 15386 | SN | 1 | 48.772 | 49.539 | 0.0 | 0.003 | 278.772 | 2.52 | 1036.744 | 1086.552 | 0.0 | -93.997 | -90.06 | 0.0 |
| 21 | 15385 | 15386 | SN | 2 | 48.771 | 49.54 | 0.0 | 0.003 | 280.962 | 2.52 | 1036.744 | 1086.552 | 0.0 | -93.997 | -90.06 | 0.0 |
| 22 | 15385 | 15386 | NS | 1 | 48.671 | 49.328 | 0.0 | 0.003 | 264.676 | 2.669 | 1030.32 | 1085.784 | 0.0 | -91.74 | -89.966 | 0.0 |
| 23 | 15386 | 15387 | SN | 1 | 48.79 | 49.478 | 0.0 | 0.003 | 6.59 | 2.523 | 1036.112 | 1086.48 | 0.0 | -91.799 | -90.06 | 0.0 |
| 24 | 15386 | 15387 | SN | 1 | 48.79 | 49.478 | 0.0 | 0.003 | 6.59 | 1.979 | 1036.112 | 1086.48 | 0.0 | -91.799 | -90.06 | 0.0 |
| 25 | 15386 | 15387 | SN | 1 | 48.786 | 49.477 | 0.0 | 0.003 | 6.59 | 2.52 | 1036.328 | 1086.472 | 0.0 | -91.646 | -90.06 | 0.0 |
| 26 | 15386 | 15387 | NS | 2 | 48.637 | 49.318 | 0.0 | 0.003 | 267.169 | 2.638 | 1030.312 | 1085.704 | 0.0 | -91.671 | -89.96 | 0.0 |
| 27 | 15386 | 15387 | NS | 1 | 48.637 | 49.318 | 0.0 | 0.003 | 267.169 | 2.638 | 1030.312 | 1085.704 | 0.0 | -93.148 | -89.96 | 0.0 |
| 28 | 15387 | 15388 | SN | 1 | 48.588 | 49.479 | 0.0 | 0.003 | 6.596 | 2.58 | 1036.584 | 1086.448 | 0.0 | -94.077 | -90.059 | 0.0 |
| 29 | 15387 | 15388 | SN | 1 | 48.588 | 49.478 | 0.0 | 0.003 | 275.689 | 2.581 | 1036.0 | 1086.432 | 0.0 | -94.077 | -90.06 | 0.0 |
| 30 | 15387 | 15388 | NS | 2 | 48.608 | 49.339 | 0.0 | 0.003 | 265.597 | 2.629 | 1029.752 | 1085.656 | 0.0 | -91.785 | -89.972 | 0.0 |
| 31 | 15387 | 15388 | SN | 1 | 48.779 | 49.479 | 0.0 | 0.003 | 6.596 | 1.743 | 1036.584 | 1086.448 | 0.0 | -91.716 | -90.059 | 0.0 |
| 32 | 15387 | 15388 | NS | 1 | 48.608 | 49.356 | 0.0 | 0.003 | 265.597 | 2.629 | 1029.752 | 1085.656 | 0.0 | -94.383 | -89.972 | 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 | 15388 | 15389 | SN | 2 | 48.767 | 49.48 | 0.0 | 0.003 | 6.607 | 2.675 | 1035.896 | 1086.624 | 0.0 | -91.732 | -90.049 | 0.0 |
| 34 | 15388 | 15389 | NS | 1 | 48.607 | 49.345 | 0.0 | 0.003 | 266.728 | 2.56 | 1030.048 | 1085.752 | 0.0 | -91.88 | -89.976 | 0.0 |
| 35 | 15388 | 15389 | NS | 1 | 48.607 | 49.345 | 0.0 | 0.003 | 266.728 | 2.563 | 1030.048 | 1085.752 | 0.0 | -91.857 | -89.976 | 0.0 |
| 36 | 15388 | 15389 | SN | 1 | 48.767 | 49.48 | 0.0 | 0.003 | 6.607 | 1.583 | 1035.896 | 1086.624 | 0.0 | -91.732 | -90.049 | 0.0 |
| 37 | 15388 | 15389 | SN | 1 | 48.767 | 49.48 | 0.0 | 0.003 | 6.607 | 2.675 | 1035.896 | 1086.624 | 0.0 | -91.732 | -90.049 | 0.0 |
| 38 | 15389 | 15390 | NS | 1 | 48.642 | 49.34 | 0.0 | 0.003 | 206.967 | 2.68 | 1030.056 | 1085.84 | 0.0 | -91.865 | -89.963 | 0.0 |
| 39 | 15389 | 15390 | NS | 1 | 48.66 | 49.367 | 0.0 | 0.003 | 206.967 | 2.679 | 1030.056 | 1085.832 | 0.0 | -91.762 | -89.963 | 0.0 |
| 40 | 15389 | 15390 | SN | 2 | 48.801 | 49.481 | 0.0 | 0.003 | 279.809 | 2.582 | 1037.032 | 1086.704 | 0.0 | -91.841 | -89.998 | 0.0 |
| 41 | 15389 | 15390 | SN | 1 | 48.801 | 49.481 | 0.0 | 0.003 | 279.809 | 2.582 | 1037.032 | 1086.704 | 0.0 | -91.841 | -89.998 | 0.0 |
| 42 | 15390 | 15391 | NS | 2 | 48.634 | 49.44 | 0.0 | 0.003 | 266.783 | 2.659 | 1029.512 | 1085.752 | 0.0 | -94.619 | -89.947 | 0.0 |
| 43 | 15390 | 15391 | SN | 1 | 48.824 | 49.481 | 0.0 | 0.003 | 211.655 | 2.56 | 1037.112 | 1086.624 | 0.0 | -92.259 | -90.037 | 0.0 |
| 44 | 15390 | 15391 | NS | 1 | 48.634 | 49.44 | 0.0 | 0.003 | 266.783 | 2.659 | 1029.512 | 1085.752 | 0.0 | -94.619 | -89.947 | 0.0 |
| 45 | 15391 | 15392 | NS | 1 | 48.624 | 49.4 | 0.0 | 0.003 | 210.188 | 2.695 | 1029.576 | 1085.72 | 0.0 | -94.552 | -89.969 | 0.0 |
| 46 | 15391 | 15392 | SN | 1 | 48.784 | 49.481 | 0.0 | 0.003 | 6.607 | 2.61 | 1036.184 | 1086.56 | 0.0 | -91.672 | -90.035 | 0.0 |
| 47 | 15392 | 15393 | SN | 1 | 48.785 | 49.481 | 0.0 | 0.003 | 279.164 | 2.584 | 1036.824 | 1086.64 | 0.0 | -91.73 | -90.031 | 0.0 |
| 48 | 15392 | 15393 | SN | 1 | 48.789 | 49.481 | 0.0 | 0.003 | 279.164 | 2.587 | 1036.824 | 1086.64 | 0.0 | -91.768 | -90.031 | 0.0 |
| 49 | 15392 | 15393 | NS | 1 | 48.618 | 49.343 | 0.0 | 0.003 | 268.051 | 2.455 | 1029.216 | 1085.12 | 0.0 | -91.808 | -89.976 | 0.0 |
| 50 | 15392 | 15393 | NS | 1 | 48.618 | 49.343 | 0.0 | 0.003 | 268.051 | 2.66 | 1029.216 | 1085.792 | 0.0 | -91.808 | -89.976 | 0.0 |
| 51 | 15393 | 15394 | NS | 2 | 48.614 | 49.35 | 0.0 | 0.003 | 264.466 | 2.579 | 1029.016 | 1085.808 | 0.0 | -91.732 | -89.976 | 0.0 |
| 52 | 15393 | 15394 | NS | 1 | 48.614 | 49.35 | 0.0 | 0.003 | 264.466 | 2.579 | 1029.016 | 1085.808 | 0.0 | -91.732 | -89.976 | 0.0 |
| 53 | 15393 | 15394 | SN | 1 | 48.772 | 49.48 | 0.0 | 0.003 | 6.602 | 2.58 | 1036.808 | 1086.648 | 0.0 | -91.727 | -90.039 | 0.0 |
| 54 | 15393 | 15394 | SN | 2 | 48.772 | 49.48 | 0.0 | 0.003 | 6.602 | 2.58 | 1036.808 | 1086.648 | 0.0 | -91.727 | -90.039 | 0.0 |
| 55 | 15394 | 15395 | SN | 1 | 48.774 | 49.482 | 0.0 | 0.003 | 6.602 | 2.563 | 1036.008 | 1086.768 | 0.0 | -92.048 | -90.062 | 0.0 |
| 56 | 15394 | 15395 | NS | 1 | 48.618 | 49.331 | 0.0 | 0.003 | 267.069 | 1.528 | 1029.232 | 1081.232 | 0.0 | -91.599 | -89.975 | 0.0 |
| 57 | 15394 | 15395 | SN | 1 | 48.774 | 49.482 | 0.0 | 0.003 | 6.602 | 2.565 | 1036.008 | 1086.768 | 0.0 | -92.048 | -90.062 | 0.0 |
| 58 | 15394 | 15395 | NS | 1 | 48.618 | 49.331 | 0.0 | 0.003 | 206.724 | 2.627 | 1028.88 | 1085.912 | 0.0 | -91.57 | -89.975 | 0.0 |
| 59 | 15394 | 15395 | NS | 1 | 48.618 | 49.331 | 0.0 | 0.003 | 206.724 | 2.629 | 1029.232 | 1085.912 | 0.0 | -91.779 | -89.975 | 0.0 |
| 60 | 15395 | 15396 | SN | 1 | 48.771 | 49.483 | 0.0 | 0.003 | 6.596 | 1.696 | 1036.976 | 1086.8 | 0.0 | -91.882 | -90.065 | 0.0 |
| 61 | 15395 | 15396 | SN | 1 | 48.771 | 49.483 | 0.0 | 0.003 | 6.596 | 2.689 | 1036.976 | 1086.8 | 0.0 | -91.882 | -90.065 | 0.0 |
| 62 | 15395 | 15396 | NS | 1 | 48.627 | 49.342 | 0.0 | 0.003 | 210.486 | 2.543 | 1029.576 | 1085.968 | 0.0 | -91.613 | -89.973 | 0.0 |
| 63 | 15395 | 15396 | NS | 1 | 48.627 | 49.342 | 0.0 | 0.003 | 210.486 | 1.529 | 1029.576 | 1077.416 | 0.0 | -91.613 | -89.973 | 0.0 |
| 64 | 15395 | 15396 | NS | 2 | 48.627 | 49.342 | 0.0 | 0.003 | 210.486 | 2.543 | 1029.576 | 1085.968 | 0.0 | -91.613 | -89.973 | 0.0 |
| 65 | 15396 | 15397 | SN | 1 | 48.822 | 49.48 | 0.0 | 0.003 | 281.397 | 2.719 | 1036.56 | 1086.64 | 0.0 | -91.952 | -90.034 | 0.0 |
| 66 | 15396 | 15397 | SN | 1 | 48.811 | 49.48 | 0.0 | 0.003 | 281.397 | 2.722 | 1036.696 | 1086.64 | 0.0 | -91.645 | -90.034 | 0.0 |
| 67 | 15396 | 15397 | SN | 1 | 48.811 | 49.48 | 0.0 | 0.003 | 281.397 | 2.456 | 1036.696 | 1086.64 | 0.0 | -91.645 | -90.034 | 0.0 |
| 68 | 15396 | 15397 | NS | 1 | 48.622 | 49.337 | 0.0 | 0.003 | 267.615 | 2.712 | 1030.008 | 1085.792 | 0.0 | -91.653 | -89.954 | 0.0 |
| 69 | 15397 | 15398 | SN | 1 | 48.769 | 49.48 | 0.0 | 0.003 | 29.974 | 2.538 | 1036.352 | 1086.816 | 0.0 | -91.864 | -90.032 | 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 | 15397 | 15398 | SN | 2 | 48.769 | 49.48 | 0.0 | 0.003 | 29.974 | 2.415 | 1036.352 | 1086.816 | 0.0 | -91.864 | -90.032 | 0.0 |
| 71 | 15397 | 15398 | SN | 1 | 48.769 | 49.48 | 0.0 | 0.003 | 29.974 | 2.415 | 1036.352 | 1086.816 | 0.0 | -91.864 | -90.032 | 0.0 |
| 72 | 15397 | 15398 | NS | 1 | 48.67 | 49.34 | 0.0 | 0.003 | 12.74 | 2.499 | 1030.184 | 1086.016 | 0.0 | -91.666 | -89.93 | 0.0 |
| 73 | 15397 | 15398 | NS | 1 | 48.67 | 49.321 | 0.0 | 0.003 | 12.74 | 2.494 | 1030.184 | 1086.024 | 0.0 | -91.666 | -89.93 | 0.0 |
| 74 | 15398 | 15399 | SN | 1 | 48.771 | 49.491 | 0.0 | 0.003 | 6.618 | 2.337 | 1036.568 | 1086.848 | 0.0 | -91.877 | -90.062 | 0.0 |
| 75 | 15398 | 15399 | SN | 2 | 48.572 | 49.491 | 0.0 | 0.003 | 6.618 | 2.512 | 1036.568 | 1086.848 | 0.0 | -93.92 | -90.062 | 0.0 |
| 76 | 15398 | 15399 | SN | 1 | 48.573 | 49.491 | 0.0 | 0.003 | 6.618 | 2.512 | 1036.568 | 1086.848 | 0.0 | -93.92 | -90.062 | 0.0 |
| 77 | 15398 | 15399 | NS | 1 | 48.664 | 49.322 | 0.0 | 0.003 | 206.961 | 2.571 | 1029.232 | 1086.12 | 0.0 | -91.673 | -89.934 | 0.0 |
| 78 | 15398 | 15399 | NS | 1 | 48.664 | 49.322 | 0.0 | 0.003 | 206.961 | 2.568 | 1029.232 | 1086.12 | 0.0 | -91.664 | -89.934 | 0.0 |
| 79 | 15399 | 15400 | NS | 1 | 48.625 | 49.329 | 0.0 | 0.003 | 210.596 | 2.606 | 1029.808 | 1086.016 | 0.0 | -91.801 | -89.954 | 0.0 |
| 80 | 15399 | 15400 | SN | 1 | 48.774 | 49.493 | 0.0 | 0.003 | 214.594 | 2.259 | 1036.08 | 1086.768 | 0.0 | -91.873 | -90.027 | 0.0 |
| 81 | 15399 | 15400 | NS | 1 | 48.654 | 49.32 | 0.0 | 0.003 | 267.411 | 2.619 | 1029.856 | 1085.992 | 0.0 | -91.702 | -89.954 | 0.0 |
| 82 | 15399 | 15400 | SN | 1 | 48.774 | 49.493 | 0.0 | 0.003 | 214.594 | 2.531 | 1036.08 | 1086.768 | 0.0 | -91.873 | -90.027 | 0.0 |
| 83 | 15400 | 15401 | NS | 1 | 48.61 | 49.406 | 0.0 | 0.0 | 210.348 | 2.762 | 1030.432 | 1085.936 | 0.0 | -94.568 | -89.967 | 0.0 |
| 84 | 15400 | 15401 | SN | 1 | 48.772 | 49.478 | 0.0 | 0.003 | 6.59 | 2.52 | 1036.16 | 1086.664 | 0.0 | -91.831 | -90.057 | 0.0 |
| 85 | 15400 | 15401 | SN | 1 | 48.772 | 49.478 | 0.0 | 0.003 | 6.59 | 2.52 | 1036.16 | 1086.664 | 0.0 | -91.836 | -90.057 | 0.0 |
| 86 | 15401 | 15402 | SN | 1 | 48.801 | 49.479 | 0.0 | 0.003 | 31.416 | 2.547 | 1036.472 | 1086.576 | 0.0 | -91.695 | -90.058 | 0.0 |
| 87 | 15401 | 15402 | SN | 1 | 48.802 | 49.479 | 0.0 | 0.003 | 31.416 | 2.544 | 1036.344 | 1086.576 | 0.0 | -91.659 | -90.058 | 0.0 |
| 88 | 15401 | 15402 | NS | 1 | 48.672 | 49.391 | 0.0 | 0.003 | 266.843 | 2.566 | 1030.424 | 1085.792 | 0.0 | -94.527 | -89.975 | 0.0 |
| 89 | 15401 | 15402 | SN | 1 | 48.801 | 49.479 | 0.0 | 0.003 | 31.416 | 1.856 | 1036.472 | 1086.576 | 0.0 | -91.695 | -90.058 | 0.0 |
| 90 | 15401 | 15402 | NS | 2 | 48.67 | 49.392 | 0.0 | 0.003 | 210.193 | 2.569 | 1030.4 | 1085.824 | 0.0 | -94.527 | -89.974 | 0.0 |
| 91 | 15402 | 15403 | SN | 1 | 48.788 | 49.479 | 0.0 | 0.003 | 30.633 | 2.665 | 1036.616 | 1086.608 | 0.0 | -91.613 | -90.06 | 0.0 |
| 92 | 15402 | 15403 | SN | 1 | 48.786 | 49.48 | 0.0 | 0.003 | 280.223 | 1.655 | 1036.616 | 1086.648 | 0.0 | -91.614 | -90.059 | 0.0 |
| 93 | 15402 | 15403 | SN | 2 | 48.786 | 49.48 | 0.0 | 0.003 | 280.223 | 2.664 | 1036.616 | 1086.648 | 0.0 | -91.614 | -90.059 | 0.0 |
| 94 | 15402 | 15403 | NS | 1 | 48.609 | 49.34 | 0.0 | 0.003 | 41.41 | 2.527 | 1029.392 | 1085.88 | 0.0 | -91.758 | -89.978 | 0.0 |
| 95 | 15402 | 15403 | NS | 1 | 48.61 | 49.342 | 0.0 | 0.003 | 41.47 | 2.526 | 1029.432 | 1085.84 | 0.0 | -91.819 | -89.979 | 0.0 |
| 96 | 15403 | 15404 | NS | 1 | 48.605 | 49.332 | 0.0 | 0.003 | 264.246 | 2.59 | 1029.704 | 1086.04 | 0.0 | -91.863 | -89.978 | 0.0 |
| 97 | 15403 | 15404 | SN | 2 | 48.792 | 49.482 | 0.0 | 0.003 | 6.607 | 2.614 | 1036.768 | 1086.8 | 0.0 | -91.746 | -90.015 | 0.0 |
| 98 | 15403 | 15404 | NS | 1 | 48.607 | 49.33 | 0.0 | 0.003 | 266.75 | 2.585 | 1029.736 | 1086.0 | 0.0 | -91.863 | -89.978 | 0.0 |
| 99 | 15403 | 15404 | SN | 1 | 48.792 | 49.482 | 0.0 | 0.003 | 6.607 | 1.559 | 1036.768 | 1086.8 | 0.0 | -91.746 | -90.015 | 0.0 |
| 100 | 15403 | 15404 | SN | 1 | 48.792 | 49.482 | 0.0 | 0.003 | 6.607 | 2.614 | 1036.768 | 1086.8 | 0.0 | -91.746 | -90.015 | 0.0 |
| 101 | 15404 | 15405 | NS | 1 | 48.668 | 49.343 | 0.0 | 0.0 | 206.642 | 2.8 | 1029.832 | 1086.048 | 0.0 | -91.724 | -89.971 | 0.0 |
| 102 | 15404 | 15405 | SN | 1 | 48.772 | 49.539 | 0.0 | 0.003 | 30.076 | 2.554 | 1036.728 | 1086.8 | 0.0 | -91.816 | -89.995 | 0.0 |
| 103 | 15404 | 15405 | NS | 1 | 48.612 | 49.324 | 0.0 | 0.0 | 206.642 | 2.811 | 1030.248 | 1086.048 | 0.0 | -91.67 | -89.971 | 0.0 |
| 104 | 15404 | 15405 | SN | 2 | 48.772 | 49.539 | 0.0 | 0.003 | 30.076 | 2.554 | 1036.728 | 1086.8 | 0.0 | -91.816 | -89.995 | 0.0 |
| 105 | 15405 | 15406 | NS | 2 | 48.664 | 49.404 | 0.0 | 0.003 | 210.188 | 2.648 | 1029.352 | 1085.928 | 0.0 | -92.099 | -89.948 | 0.0 |
| 106 | 15405 | 15406 | NS | 1 | 48.664 | 49.404 | 0.0 | 0.003 | 210.188 | 2.648 | 1029.352 | 1085.928 | 0.0 | -92.099 | -89.948 | 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 |

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 15405 | 15406 | SN | 1 | 48.77 | 49.482 | 0.0 | 0.003 | 6.607 | 2.558 | 1036.704 | 1086.696 | 0.0 | -91.85 | -90.035 | 0.0 |
| 108 | 15406 | 15407 | SN | 1 | 48.785 | 49.483 | 0.0 | 0.003 | 29.213 | 2.619 | 1036.56 | 1086.752 | 0.0 | -91.715 | -90.043 | 0.0 |
| 109 | 15406 | 15407 | NS | 1 | 48.622 | 49.325 | 0.0 | 0.003 | 264.317 | 2.663 | 1029.264 | 1085.992 | 0.0 | -91.581 | -89.978 | 0.0 |
| 110 | 15406 | 15407 | SN | 1 | 48.78 | 49.483 | 0.0 | 0.003 | 281.408 | 2.624 | 1036.56 | 1086.752 | 0.0 | -91.748 | -90.043 | 0.0 |
| 111 | 15406 | 15407 | NS | 1 | 48.622 | 49.318 | 0.0 | 0.003 | 264.317 | 2.598 | 1029.264 | 1085.808 | 0.0 | -91.581 | -89.978 | 0.0 |
| 112 | 15406 | 15407 | NS | 1 | 48.622 | 49.325 | 0.0 | 0.003 | 264.317 | 2.656 | 1029.264 | 1085.992 | 0.0 | -91.581 | -89.978 | 0.0 |
| 113 | 15407 | 15408 | SN | 1 | 48.774 | 49.484 | 0.0 | 0.003 | 212.868 | 2.581 | 1036.472 | 1086.824 | 0.0 | -91.753 | -90.032 | 0.0 |
| 114 | 15407 | 15408 | NS | 1 | 48.609 | 49.365 | 0.0 | 0.003 | 206.46 | 2.552 | 1029.52 | 1086.08 | 0.0 | -91.779 | -89.977 | 0.0 |
| 115 | 15407 | 15408 | NS | 1 | 48.609 | 49.365 | 0.0 | 0.003 | 206.46 | 2.182 | 1029.52 | 1084.792 | 0.0 | -91.779 | -89.977 | 0.0 |
| 116 | 15407 | 15408 | SN | 2 | 48.774 | 49.484 | 0.0 | 0.003 | 212.868 | 2.581 | 1036.472 | 1086.824 | 0.0 | -91.753 | -90.032 | 0.0 |
| 117 | 15407 | 15408 | NS | 1 | 48.61 | 49.364 | 0.0 | 0.003 | 210.044 | 2.549 | 1029.528 | 1086.08 | 0.0 | -91.825 | -89.977 | 0.0 |
| 118 | 15408 | 15409 | NS | 1 | 48.599 | 49.328 | 0.0 | 0.0 | 210.623 | 2.746 | 1030.008 | 1086.168 | 0.0 | -91.689 | -89.975 | 0.0 |
| 119 | 15408 | 15409 | SN | 1 | 48.763 | 49.485 | 0.0 | 0.003 | 6.607 | 2.596 | 1035.408 | 1086.912 | 0.0 | -92.156 | -90.058 | 0.0 |
| 120 | 15408 | 15409 | SN | 2 | 48.762 | 49.484 | 0.0 | 0.003 | 6.607 | 2.594 | 1035.4 | 1086.896 | 0.0 | -92.156 | -90.058 | 0.0 |
| 121 | 15408 | 15409 | NS | 1 | 48.61 | 49.328 | 0.0 | 0.0 | 210.623 | 2.744 | 1029.408 | 1086.168 | 0.0 | -91.765 | -89.975 | 0.0 |
| 122 | 15408 | 15409 | NS | 1 | 48.599 | 49.317 | 0.0 | 0.0 | 210.623 | 1.821 | 1030.008 | 1082.496 | 0.0 | -91.689 | -89.975 | 0.0 |
| 123 | 15409 | 15410 | SN | 1 | 48.77 | 49.486 | 0.0 | 0.003 | 29.63 | 2.64 | 1036.112 | 1087.016 | 0.0 | -91.73 | -90.059 | 0.0 |
| 124 | 15409 | 15410 | NS | 1 | 48.612 | 49.328 | 0.0 | 0.003 | 12.734 | 2.55 | 1029.376 | 1086.264 | 0.0 | -91.643 | -89.975 | 0.0 |
| 125 | 15409 | 15410 | SN | 1 | 48.77 | 49.486 | 0.0 | 0.003 | 29.63 | 1.539 | 1036.528 | 1087.016 | 0.0 | -91.73 | -90.059 | 0.0 |
| 126 | 15409 | 15410 | NS | 1 | 48.611 | 49.35 | 0.0 | 0.003 | 12.734 | 1.487 | 1029.128 | 1079.784 | 0.0 | -91.6 | -89.975 | 0.0 |
| 127 | 15409 | 15410 | NS | 1 | 48.611 | 49.35 | 0.0 | 0.003 | 12.734 | 2.551 | 1029.128 | 1086.264 | 0.0 | -91.6 | -89.975 | 0.0 |
| 128 | 15409 | 15410 | SN | 1 | 48.77 | 49.486 | 0.0 | 0.003 | 29.63 | 2.641 | 1036.528 | 1087.016 | 0.0 | -91.73 | -90.059 | 0.0 |
| 129 | 15410 | 15411 | NS | 1 | 48.6 | 49.368 | 0.0 | 0.003 | 264.444 | 2.702 | 1029.64 | 1086.12 | 0.0 | -91.895 | -89.975 | 0.0 |
| 130 | 15410 | 15411 | NS | 2 | 48.601 | 49.366 | 0.0 | 0.003 | 266.75 | 2.701 | 1029.656 | 1086.096 | 0.0 | -91.895 | -89.975 | 0.0 |

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|--------------------------|------------|-----------|------------|--------|----------|
| 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 112 | 15406 | 15407 | NS | 1 | -34.29 | 29.5 | 0.089 | -34.233 | 28.538 | 0.025 | -19.948 | 28.892 | 17.307 | -18.55 | 31.578 | 25.086 | 0.116 | 260.333 | 3.008 | 0.116 | 256.944 | 2.907 | 0.116 | 9.664 | 0.026 | 0.116 | 7.029 | 0.022 |
| 113 | 15407 | 15408 | SN | 1 | -34.567 | 22.907 | 0.047 | -34.816 | 23.041 | 0.091 | -4.484 | 28.889 | 16.03 | -4.905 | 29.981 | 17.561 | 0.116 | 277.426 | 6.999 | 0.116 | 293.804 | 6.763 | 0.116 | 0.369 | 0.0 | 0.116 | 0.396 | 0.0 |
| 114 | 15407 | 15408 | NS | 1 | -34.032 | 25.11 | 0.165 | -34.574 | 24.777 | 0.26 | -20.295 | 29.246 | 23.653 | -17.929 | 28.884 | 35.687 | 0.116 | 245.33 | 1.695 | 0.116 | 277.858 | 1.29 | 0.116 | 10.458 | 0.032 | 0.116 | 6.106 | 0.026 |
| 115 | 15407 | 15408 | NS | 1 | -34.032 | 25.11 | 0.165 | -34.574 | 24.777 | 0.26 | -20.295 | 29.246 | 15.942 | -17.929 | 28.884 | 33.29 | 0.116 | 245.33 | 1.695 | 0.116 | 277.858 | 1.29 | 0.116 | 10.458 | 0.041 | 0.116 | 6.106 | 0.032 |
| 116 | 15407 | 15408 | SN | 2 | -34.567 | 22.907 | 0.047 | -34.816 | 23.041 | 0.091 | -4.484 | 28.889 | 16.03 | -4.905 | 29.981 | 17.561 | 0.116 | 277.426 | 6.999 | 0.116 | 293.804 | 6.763 | 0.116 | 0.369 | 0.0 | 0.116 | 0.396 | 0.0 |
| 117 | 15407 | 15408 | NS | 1 | -34.032 | 25.11 | 0.165 | -34.625 | 24.777 | 0.26 | -20.306 | 29.246 | 23.667 | -17.934 | 28.884 | 35.675 | 0.116 | 245.33 | 1.693 | 0.116 | 281.135 | 1.288 | 0.116 | 10.485 | 0.032 | 0.116 | 6.111 | 0.026 |
| 118 | 15408 | 15409 | NS | 1 | -34.911 | 26.273 | 0.188 | -34.976 | 27.288 | 0.473 | 5.002 | 28.594 | 23.935 | 8.025 | 29.288 | 34.463 | 0.116 | 300.303 | 4.3 | 0.116 | 304.823 | 3.414 | 0.116 | 0.141 | 0.0 | 0.116 | 0.128 | 0.0 |
| 119 | 15408 | 15409 | SN | 1 | -34.959 | 19.771 | 0.0 | -34.501 | 24.305 | 0.313 | -6.599 | 30.034 | 35.31 | -6.24 | 30.164 | 43.043 | 0.116 | 303.658 | 3.695 | 0.116 | 273.264 | 3.344 | 0.116 | 0.537 | 0.0 | 0.116 | 0.502 | 0.0 |
| 120 | 15408 | 15409 | SN | 2 | -34.793 | 19.771 | 0.0 | -34.501 | 24.305 | 0.313 | -6.599 | 30.034 | 35.305 | -6.24 | 30.164 | 43.044 | 0.116 | 292.263 | 3.694 | 0.116 | 273.264 | 3.345 | 0.116 | 0.537 | 0.0 | 0.116 | 0.502 | 0.0 |
| 121 | 15408 | 15409 | NS | 1 | -33.878 | 26.273 | 0.188 | -34.699 | 27.286 | 0.472 | 4.999 | 28.594 | 23.861 | 8.025 | 29.288 | 34.463 | 0.116 | 236.69 | 4.288 | 0.116 | 286.014 | 3.441 | 0.116 | 0.141 | 0.0 | 0.116 | 0.128 | 0.0 |
| 122 | 15408 | 15409 | NS | 1 | -34.911 | 26.273 | 0.188 | -34.976 | 27.288 | 0.473 | 5.002 | 28.594 | 7.482 | 8.031 | 29.284 | 22.435 | 0.116 | 300.303 | 4.303 | 0.116 | 304.823 | 3.414 | 0.116 | 0.141 | 0.0 | 0.116 | 0.128 | 0.0 |
| 123 | 15409 | 15410 | SN | 1 | -34.798 | 20.36 | 0.0 | -34.728 | 25.117 | 0.394 | 4.604 | 29.307 | 29.368 | 8.798 | 29.84 | 32.686 | 0.116 | 292.58 | 4.42 | 0.116 | 287.916 | 3.823 | 0.116 | 0.143 | 0.0 | 0.116 | 0.126 | 0.0 |
| 124 | 15409 | 15410 | NS | 1 | -34.755 | 26.154 | 0.23 | -34.936 | 24.844 | 0.326 | 7.389 | 29.799 | 17.268 | 7.324 | 29.096 | 26.994 | 0.116 | 289.67 | 4.825 | 0.116 | 302.019 | 4.791 | 0.116 | 0.13 | 0.0 | 0.116 | 0.13 | 0.0 |
| 125 | 15409 | 15410 | SN | 1 | -34.97 | 17.452 | 0.0 | -34.716 | 18.207 | 0.0 | 4.598 | 29.314 | 26.667 | 8.796 | 29.842 | 30.981 | 0.117 | 304.412 | 4.422 | 0.117 | 287.086 | 4.085 | 0.116 | 0.143 | 0.0 | 0.116 | 0.126 | 0.0 |
| 126 | 15409 | 15410 | NS | 1 | -34.971 | 26.154 | 0.219 | -34.787 | 24.844 | 0.327 | 7.386 | 29.802 | 2.493 | 7.324 | 26.83 | 2.274 | 0.116 | 304.466 | 4.949 | 0.116 | 291.891 | 4.776 | 0.116 | 0.13 | 0.0 | 0.116 | 0.13 | 0.0 |
| 127 | 15409 | 15410 | NS | 1 | -34.971 | 26.154 | 0.23 | -34.787 | 24.844 | 0.326 | 7.386 | 29.802 | 17.313 | 7.324 | 29.096 | 27.005 | 0.116 | 304.466 | 4.829 | 0.116 | 291.891 | 4.775 | 0.116 | 0.13 | 0.0 | 0.116 | 0.13 | 0.0 |
| 128 | 15409 | 15410 | SN | 1 | -34.798 | 20.364 | 0.0 | -34.716 | 25.117 | 0.395 | 4.604 | 29.307 | 29.363 | 8.796 | 29.84 | 32.691 | 0.116 | 292.58 | 4.392 | 0.116 | 287.086 | 3.825 | 0.116 | 0.143 | 0.0 | 0.116 | 0.126 | 0.0 |
| 129 | 15410 | 15411 | NS | 1 | -34.849 | 24.339 | 0.225 | -34.987 | 24.472 | 0.283 | -2.622 | 28.36 | 10.671 | -3.383 | 29.724 | 19.154 | 0.116 | 296.074 | 6.755 | 0.116 | 305.517 | 5.963 | 0.116 | 0.276 | 0.0 | 0.116 | 0.309 | 0.0 |
| 130 | 15410 | 15411 | NS | 2 | -34.813 | 24.339 | 0.225 | -34.98 | 24.472 | 0.283 | -2.622 | 28.36 | 10.675 | -3.383 | 29.724 | 19.161 | 0.116 | 293.582 | 6.754 | 0.116 | 305.182 | 5.961 | 0.116 | 0.276 | 0.0 | 0.116 | 0.309 | 0.0 |

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|--------------------------|------------|-------|-----|
| 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 | 15381 | 15382 | SN | 1 | 57.582 | 58.366 | 0.0 | 0.0 | 285.346 | 4.034 | 1215.096 | 1277.496 | 0.0 | -93.273 | -92.102 | 0.0 |
| 2 | 15381 | 15382 | SN | 1 | 57.582 | 58.366 | 0.0 | 0.0 | 285.346 | 3.366 | 1215.096 | 1277.496 | 0.0 | -93.273 | -92.102 | 0.0 |
| 3 | 15381 | 15382 | SN | 1 | 57.582 | 58.364 | 0.0 | 0.0 | 285.407 | 4.03 | 1215.096 | 1277.464 | 0.0 | -93.273 | -92.102 | 0.0 |
| 4 | 15382 | 15383 | SN | 1 | 57.44 | 58.35 | 0.0 | 0.0 | 290.508 | 3.803 | 1214.624 | 1277.424 | 0.0 | -93.948 | -92.078 | 0.0 |
| 5 | 15382 | 15383 | SN | 1 | 57.582 | 58.35 | 0.0 | 0.0 | 290.508 | 3.524 | 1214.92 | 1277.424 | 0.0 | -93.231 | -92.078 | 0.0 |
| 6 | 15382 | 15383 | NS | 1 | 57.427 | 58.183 | 0.0 | 0.0 | 299.018 | 3.694 | 1205.424 | 1275.952 | 6.138 | -94.526 | -92.001 | 0.0 |
| 7 | 15382 | 15383 | SN | 1 | 57.44 | 58.35 | 0.0 | 0.0 | 290.508 | 3.807 | 1214.92 | 1277.424 | 0.0 | -93.948 | -92.078 | 0.0 |
| 8 | 15383 | 15384 | SN | 1 | 57.58 | 58.359 | 0.0 | 0.003 | 282.561 | 3.404 | 1214.368 | 1277.6 | 0.0 | -93.25 | -92.092 | 0.0 |
| 9 | 15383 | 15384 | NS | 1 | 57.41 | 58.181 | 0.0 | 0.0 | 299.316 | 3.747 | 1206.264 | 1276.088 | 6.04 | -93.182 | -91.948 | 0.0 |
| 10 | 15383 | 15384 | NS | 1 | 57.41 | 58.182 | 0.0 | 0.0 | 299.382 | 3.741 | 1206.232 | 1276.12 | 6.081 | -93.127 | -91.947 | 0.0 |
| 11 | 15383 | 15384 | SN | 1 | 57.266 | 58.359 | 0.0 | 0.0 | 282.561 | 3.687 | 1214.368 | 1277.6 | 0.0 | -94.76 | -92.092 | 0.0 |
| 12 | 15383 | 15384 | SN | 2 | 57.58 | 58.359 | 0.0 | 0.003 | 282.561 | 3.404 | 1214.368 | 1277.6 | 0.0 | -93.25 | -92.092 | 0.0 |
| 13 | 15384 | 15385 | SN | 2 | 57.544 | 58.355 | 0.0 | 0.003 | 299.542 | 3.676 | 1214.712 | 1277.512 | 0.0 | -95.452 | -92.108 | 0.0 |
| 14 | 15384 | 15385 | NS | 1 | 57.412 | 58.182 | 0.0 | 0.0 | 294.992 | 3.666 | 1205.992 | 1276.056 | 5.885 | -93.205 | -92.009 | 0.0 |
| 15 | 15384 | 15385 | NS | 1 | 57.432 | 58.182 | 0.0 | 0.0 | 294.992 | 3.669 | 1206.064 | 1276.056 | 5.891 | -93.17 | -92.009 | 0.0 |
| 16 | 15384 | 15385 | SN | 1 | 57.587 | 58.355 | 0.0 | 0.003 | 299.542 | 3.37 | 1214.712 | 1277.512 | 0.0 | -93.255 | -92.108 | 0.0 |
| 17 | 15384 | 15385 | SN | 1 | 57.544 | 58.355 | 0.0 | 0.003 | 299.542 | 3.676 | 1214.712 | 1277.512 | 0.0 | -95.452 | -92.108 | 0.0 |
| 18 | 15385 | 15386 | NS | 1 | 57.432 | 58.182 | 0.0 | 0.0 | 296.128 | 3.815 | 1206.68 | 1275.944 | 5.81 | -93.452 | -92.002 | 0.0 |
| 19 | 15385 | 15386 | SN | 1 | 57.589 | 58.366 | 0.0 | 0.0 | 290.922 | 3.322 | 1214.672 | 1277.376 | 0.0 | -93.21 | -92.108 | 0.0 |
| 20 | 15385 | 15386 | SN | 1 | 57.589 | 58.365 | 0.0 | 0.0 | 290.966 | 3.678 | 1214.672 | 1277.36 | 0.0 | -93.21 | -92.108 | 0.0 |
| 21 | 15385 | 15386 | SN | 2 | 57.589 | 58.366 | 0.0 | 0.0 | 290.922 | 3.681 | 1214.672 | 1277.376 | 0.0 | -93.21 | -92.108 | 0.0 |
| 22 | 15385 | 15386 | NS | 1 | 57.432 | 58.182 | 0.0 | 0.0 | 296.128 | 3.812 | 1206.528 | 1275.944 | 5.805 | -93.326 | -92.002 | 0.0 |
| 23 | 15386 | 15387 | SN | 1 | 57.563 | 58.34 | 0.0 | 0.0 | 284.563 | 3.64 | 1214.112 | 1277.296 | 0.0 | -93.197 | -92.108 | 0.0 |
| 24 | 15386 | 15387 | SN | 1 | 57.563 | 58.34 | 0.0 | 0.0 | 284.563 | 3.147 | 1214.112 | 1277.296 | 0.0 | -93.197 | -92.108 | 0.0 |
| 25 | 15386 | 15387 | SN | 1 | 57.585 | 58.339 | 0.0 | 0.0 | 298.488 | 3.636 | 1214.344 | 1277.272 | 0.0 | -93.233 | -92.108 | 0.0 |
| 26 | 15386 | 15387 | NS | 2 | 57.416 | 58.181 | 0.0 | 0.003 | 295.885 | 3.77 | 1205.928 | 1275.848 | 6.006 | -93.123 | -92.005 | 0.0 |
| 27 | 15386 | 15387 | NS | 1 | 57.416 | 58.193 | 0.0 | 0.003 | 295.885 | 3.776 | 1205.928 | 1275.848 | 6.007 | -95.201 | -92.005 | 0.0 |
| 28 | 15387 | 15388 | SN | 1 | 57.285 | 58.341 | 0.0 | 0.0 | 299.095 | 3.754 | 1214.192 | 1277.256 | 0.0 | -94.87 | -92.103 | 0.0 |
| 29 | 15387 | 15388 | SN | 1 | 57.285 | 58.339 | 0.0 | 0.0 | 280.642 | 3.751 | 1213.768 | 1277.224 | 0.0 | -94.87 | -92.104 | 0.0 |
| 30 | 15387 | 15388 | NS | 2 | 57.396 | 58.182 | 0.0 | 0.0 | 297.391 | 3.727 | 1206.16 | 1275.792 | 6.032 | -93.183 | -92.015 | 0.0 |
| 31 | 15387 | 15388 | SN | 1 | 57.569 | 58.341 | 0.0 | 0.0 | 299.095 | 2.975 | 1214.192 | 1277.256 | 0.0 | -93.154 | -92.103 | 0.0 |
| 32 | 15387 | 15388 | NS | 1 | 57.396 | 58.32 | 0.0 | 0.0 | 297.391 | 3.731 | 1206.16 | 1275.792 | 6.032 | -95.912 | -92.015 | 0.0 |
| 33 | 15388 | 15389 | SN | 2 | 57.264 | 58.342 | 0.0 | 0.0 | 296.685 | 3.889 | 1214.6 | 1277.472 | 0.0 | -95.57 | -92.093 | 0.0 |
| 34 | 15388 | 15389 | NS | 1 | 57.402 | 58.181 | 0.0 | 0.0 | 298.428 | 3.663 | 1205.584 | 1275.904 | 6.629 | -93.411 | -92.019 | 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 | 15388 | 15389 | NS | 1 | 57.402 | 58.181 | 0.0 | 0.0 | 298.428 | 3.666 | 1205.584 | 1275.904 | 6.635 | -93.539 | -92.019 | 0.0 |
| 36 | 15388 | 15389 | SN | 1 | 57.579 | 58.342 | 0.0 | 0.0 | 280.399 | 2.73 | 1214.6 | 1277.472 | 0.0 | -93.118 | -92.093 | 0.0 |
| 37 | 15388 | 15389 | SN | 1 | 57.265 | 58.342 | 0.0 | 0.0 | 296.79 | 3.89 | 1214.6 | 1277.472 | 0.0 | -95.57 | -92.093 | 0.0 |
| 38 | 15389 | 15390 | NS | 1 | 57.401 | 58.182 | 0.0 | 0.0 | 296.784 | 3.775 | 1205.736 | 1276.016 | 6.477 | -93.286 | -92.001 | 0.0 |
| 39 | 15389 | 15390 | NS | 1 | 57.415 | 58.182 | 0.0 | 0.0 | 296.79 | 3.768 | 1205.68 | 1276.0 | 6.464 | -93.255 | -92.001 | 0.0 |
| 40 | 15389 | 15390 | SN | 2 | 57.583 | 58.361 | 0.0 | 0.0 | 294.975 | 3.771 | 1214.976 | 1277.544 | 0.0 | -94.045 | -92.042 | 0.0 |
| 41 | 15389 | 15390 | SN | 1 | 57.583 | 58.361 | 0.0 | 0.0 | 294.975 | 3.771 | 1214.976 | 1277.544 | 0.0 | -94.045 | -92.042 | 0.0 |
| 42 | 15390 | 15391 | NS | 2 | 57.407 | 58.18 | 0.0 | 0.0 | 299.873 | 3.899 | 1205.912 | 1275.896 | 5.813 | -95.715 | -91.986 | 0.0 |
| 43 | 15390 | 15391 | SN | 1 | 57.59 | 58.343 | 0.0 | 0.0 | 289.642 | 3.746 | 1215.104 | 1277.552 | 0.0 | -93.14 | -92.08 | 0.0 |
| 44 | 15390 | 15391 | NS | 1 | 57.407 | 58.18 | 0.0 | 0.0 | 299.873 | 3.899 | 1205.912 | 1275.896 | 5.813 | -95.715 | -91.986 | 0.0 |
| 45 | 15391 | 15392 | NS | 1 | 57.433 | 58.181 | 0.0 | 0.0 | 299.955 | 3.778 | 1206.608 | 1275.864 | 6.029 | -95.01 | -92.012 | 0.0 |
| 46 | 15391 | 15392 | SN | 1 | 57.586 | 58.343 | 0.0 | 0.0 | 284.921 | 3.818 | 1214.896 | 1277.408 | 0.0 | -93.176 | -92.077 | 0.0 |
| 47 | 15392 | 15393 | SN | 1 | 57.582 | 58.343 | 0.0 | 0.0 | 298.918 | 3.767 | 1214.472 | 1277.496 | 0.0 | -93.077 | -92.077 | 0.0 |
| 48 | 15392 | 15393 | SN | 1 | 57.575 | 58.343 | 0.0 | 0.0 | 298.918 | 3.771 | 1214.616 | 1277.496 | 0.0 | -93.207 | -92.077 | 0.0 |
| 49 | 15392 | 15393 | NS | 1 | 57.408 | 58.157 | 0.0 | 0.003 | 281.839 | 3.134 | 1205.808 | 1274.992 | 6.562 | -93.146 | -92.019 | 0.0 |
| 50 | 15392 | 15393 | NS | 1 | 57.408 | 58.182 | 0.0 | 0.0 | 298.08 | 3.706 | 1205.808 | 1275.952 | 6.44 | -93.146 | -92.019 | 0.0 |
| 51 | 15393 | 15394 | NS | 2 | 57.397 | 58.182 | 0.0 | 0.003 | 298.218 | 3.707 | 1205.76 | 1275.976 | 6.746 | -93.165 | -92.018 | 0.0 |
| 52 | 15393 | 15394 | NS | 1 | 57.397 | 58.182 | 0.0 | 0.0 | 298.218 | 3.706 | 1205.76 | 1275.976 | 6.746 | -93.165 | -92.018 | 0.0 |
| 53 | 15393 | 15394 | SN | 1 | 57.581 | 58.351 | 0.0 | 0.0 | 297.54 | 3.755 | 1214.696 | 1277.52 | 0.0 | -93.082 | -92.085 | 0.0 |
| 54 | 15393 | 15394 | SN | 2 | 57.581 | 58.351 | 0.0 | 0.0 | 297.54 | 3.755 | 1214.696 | 1277.52 | 0.0 | -93.082 | -92.085 | 0.0 |
| 55 | 15394 | 15395 | SN | 1 | 57.581 | 58.344 | 0.0 | 0.0 | 292.824 | 3.698 | 1214.672 | 1277.656 | 0.0 | -93.09 | -92.111 | 0.0 |
| 56 | 15394 | 15395 | NS | 1 | 57.403 | 58.14 | 0.0 | 0.0 | 296.806 | 2.264 | 1205.624 | 1270.464 | 7.744 | -93.018 | -92.018 | 0.0 |
| 57 | 15394 | 15395 | SN | 1 | 57.581 | 58.344 | 0.0 | 0.0 | 292.824 | 3.701 | 1214.672 | 1277.656 | 0.0 | -93.09 | -92.111 | 0.0 |
| 58 | 15394 | 15395 | NS | 1 | 57.403 | 58.182 | 0.0 | 0.0 | 296.806 | 3.737 | 1205.504 | 1276.096 | 7.071 | -93.14 | -92.018 | 0.0 |
| 59 | 15394 | 15395 | NS | 1 | 57.403 | 58.182 | 0.0 | 0.0 | 296.806 | 3.742 | 1205.624 | 1276.104 | 7.04 | -93.174 | -92.018 | 0.0 |
| 60 | 15395 | 15396 | SN | 1 | 57.585 | 58.36 | 0.0 | 0.003 | 286.444 | 2.949 | 1214.912 | 1277.72 | 0.0 | -93.217 | -92.113 | 0.0 |
| 61 | 15395 | 15396 | SN | 1 | 57.585 | 58.36 | 0.0 | 0.0 | 286.444 | 3.868 | 1214.912 | 1277.72 | 0.0 | -93.217 | -92.113 | 0.0 |
| 62 | 15395 | 15396 | NS | 1 | 57.423 | 58.183 | 0.0 | 0.0 | 295.361 | 3.776 | 1205.536 | 1276.168 | 7.246 | -93.222 | -92.015 | 0.0 |
| 63 | 15395 | 15396 | NS | 1 | 57.423 | 58.141 | 0.0 | 0.0 | 290.712 | 2.035 | 1205.536 | 1266.168 | 8.535 | -93.222 | -92.015 | 0.0 |
| 64 | 15395 | 15396 | NS | 2 | 57.423 | 58.183 | 0.0 | 0.0 | 295.361 | 3.776 | 1205.536 | 1276.168 | 7.246 | -93.222 | -92.015 | 0.0 |
| 65 | 15396 | 15397 | SN | 1 | 57.595 | 58.343 | 0.0 | 0.0 | 284.182 | 3.99 | 1215.112 | 1277.488 | 0.0 | -93.414 | -92.083 | 0.0 |
| 66 | 15396 | 15397 | SN | 1 | 57.596 | 58.364 | 0.0 | 0.0 | 283.135 | 3.992 | 1215.112 | 1277.488 | 0.0 | -93.185 | -92.083 | 0.0 |
| 67 | 15396 | 15397 | SN | 1 | 57.596 | 58.364 | 0.0 | 0.0 | 283.135 | 3.673 | 1215.112 | 1277.488 | 0.0 | -93.185 | -92.083 | 0.0 |
| 68 | 15396 | 15397 | NS | 1 | 57.401 | 58.181 | 0.0 | 0.0 | 299.112 | 3.917 | 1206.336 | 1275.952 | 5.544 | -93.187 | -91.993 | 0.0 |
| 69 | 15397 | 15398 | SN | 1 | 57.585 | 58.342 | 0.0 | 0.0 | 282.859 | 3.791 | 1214.576 | 1277.696 | 0.0 | -93.225 | -92.078 | 0.0 |
| 70 | 15397 | 15398 | SN | 2 | 57.585 | 58.342 | 0.0 | 0.0 | 282.859 | 3.502 | 1214.576 | 1277.696 | 0.0 | -93.225 | -92.078 | 0.0 |
| 71 | 15397 | 15398 | SN | 1 | 57.585 | 58.342 | 0.0 | 0.0 | 282.859 | 3.502 | 1214.576 | 1277.696 | 0.0 | -93.225 | -92.078 | 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 |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 72 | 15397 | 15398 | NS | 1 | 57.43 | 58.184 | 0.0 | 0.0 | 299.343 | 3.594 | 1206.544 | 1276.24 | 5.713 | -93.17 | -91.97 | 0.0 |
| 73 | 15397 | 15398 | NS | 1 | 57.43 | 58.184 | 0.0 | 0.0 | 299.382 | 3.591 | 1206.552 | 1276.248 | 5.7 | -93.136 | -91.97 | 0.0 |
| 74 | 15398 | 15399 | SN | 1 | 57.588 | 58.37 | 0.0 | 0.0 | 293.222 | 3.396 | 1214.448 | 1277.728 | 0.0 | -93.249 | -92.11 | 0.0 |
| 75 | 15398 | 15399 | SN | 2 | 57.468 | 58.37 | 0.0 | 0.0 | 293.111 | 3.685 | 1214.448 | 1277.728 | 0.0 | -95.596 | -92.11 | 0.0 |
| 76 | 15398 | 15399 | SN | 1 | 57.467 | 58.37 | 0.0 | 0.0 | 293.111 | 3.683 | 1214.448 | 1277.728 | 0.0 | -95.596 | -92.11 | 0.0 |
| 77 | 15398 | 15399 | NS | 1 | 57.423 | 58.186 | 0.0 | 0.0 | 294.529 | 3.639 | 1206.184 | 1276.368 | 5.686 | -93.278 | -91.974 | 0.0 |
| 78 | 15398 | 15399 | NS | 1 | 57.423 | 58.186 | 0.0 | 0.0 | 294.529 | 3.636 | 1206.184 | 1276.368 | 5.681 | -93.002 | -91.974 | 0.0 |
| 79 | 15399 | 15400 | NS | 1 | 57.41 | 58.184 | 0.0 | 0.0 | 296.928 | 3.715 | 1206.2 | 1276.232 | 5.14 | -93.223 | -91.994 | 0.0 |
| 80 | 15399 | 15400 | SN | 1 | 57.586 | 58.352 | 0.0 | 0.0 | 293.448 | 3.363 | 1214.304 | 1277.632 | 0.0 | -93.204 | -92.071 | 0.0 |
| 81 | 15399 | 15400 | NS | 1 | 57.409 | 58.183 | 0.0 | 0.0 | 296.933 | 3.726 | 1206.096 | 1276.208 | 5.104 | -93.126 | -91.994 | 0.0 |
| 82 | 15399 | 15400 | SN | 1 | 57.586 | 58.352 | 0.0 | 0.0 | 293.448 | 3.687 | 1214.304 | 1277.632 | 0.0 | -93.204 | -92.071 | 0.0 |
| 83 | 15400 | 15401 | NS | 1 | 57.402 | 58.183 | 0.0 | 0.0 | 293.696 | 3.939 | 1206.856 | 1276.144 | 5.715 | -94.931 | -92.009 | 0.0 |
| 84 | 15400 | 15401 | SN | 1 | 57.585 | 58.34 | 0.0 | 0.0 | 286.455 | 3.641 | 1214.312 | 1277.488 | 0.0 | -93.088 | -92.105 | 0.0 |
| 85 | 15400 | 15401 | SN | 1 | 57.585 | 58.34 | 0.0 | 0.0 | 286.455 | 3.646 | 1214.312 | 1277.488 | 0.0 | -93.088 | -92.105 | 0.0 |
| 86 | 15401 | 15402 | SN | 1 | 57.584 | 58.34 | 0.0 | 0.0 | 281.563 | 3.676 | 1214.312 | 1277.4 | 0.0 | -93.03 | -92.106 | 0.0 |
| 87 | 15401 | 15402 | SN | 1 | 57.584 | 58.34 | 0.0 | 0.0 | 281.563 | 3.673 | 1214.312 | 1277.4 | 0.0 | -93.13 | -92.106 | 0.0 |
| 88 | 15401 | 15402 | NS | 1 | 57.4 | 58.287 | 0.0 | 0.0 | 297.678 | 3.785 | 1206.84 | 1275.96 | 5.805 | -95.905 | -92.016 | 0.0 |
| 89 | 15401 | 15402 | SN | 1 | 57.584 | 58.34 | 0.0 | 0.003 | 281.563 | 3.058 | 1214.312 | 1277.4 | 0.0 | -93.03 | -92.106 | 0.0 |
| 90 | 15401 | 15402 | NS | 2 | 57.399 | 58.288 | 0.0 | 0.0 | 297.716 | 3.782 | 1206.8 | 1276.008 | 5.859 | -95.905 | -92.016 | 0.0 |
| 91 | 15402 | 15403 | SN | 1 | 57.583 | 58.341 | 0.0 | 0.003 | 298.841 | 3.874 | 1214.48 | 1277.44 | 0.0 | -93.159 | -92.107 | 0.0 |
| 92 | 15402 | 15403 | SN | 1 | 57.584 | 58.343 | 0.0 | 0.003 | 280.19 | 2.904 | 1214.488 | 1277.504 | 0.0 | -93.114 | -92.107 | 0.0 |
| 93 | 15402 | 15403 | SN | 2 | 57.584 | 58.343 | 0.0 | 0.003 | 298.621 | 3.873 | 1214.488 | 1277.504 | 0.0 | -93.114 | -92.107 | 0.0 |
| 94 | 15402 | 15403 | NS | 1 | 57.397 | 58.185 | 0.0 | 0.0 | 297.485 | 3.686 | 1205.92 | 1276.088 | 6.088 | -93.146 | -92.022 | 0.0 |
| 95 | 15402 | 15403 | NS | 1 | 57.399 | 58.183 | 0.0 | 0.0 | 297.435 | 3.685 | 1205.96 | 1276.024 | 5.994 | -93.12 | -92.022 | 0.0 |
| 96 | 15403 | 15404 | NS | 1 | 57.396 | 58.187 | 0.0 | 0.0 | 284.089 | 3.739 | 1205.8 | 1276.288 | 6.426 | -93.191 | -92.02 | 0.0 |
| 97 | 15403 | 15404 | SN | 2 | 57.586 | 58.344 | 0.0 | 0.0 | 296.52 | 3.797 | 1214.664 | 1277.696 | 0.0 | -93.138 | -92.055 | 0.0 |
| 98 | 15403 | 15404 | NS | 1 | 57.398 | 58.185 | 0.0 | 0.0 | 299.95 | 3.733 | 1205.84 | 1276.224 | 6.365 | -93.217 | -92.02 | 0.0 |
| 99 | 15403 | 15404 | SN | 1 | 57.586 | 58.344 | 0.0 | 0.0 | 296.52 | 2.496 | 1214.664 | 1277.696 | 0.0 | -93.138 | -92.055 | 0.0 |
| 100 | 15403 | 15404 | SN | 1 | 57.586 | 58.344 | 0.0 | 0.0 | 296.52 | 3.797 | 1214.664 | 1277.696 | 0.0 | -93.138 | -92.055 | 0.0 |
| 101 | 15404 | 15405 | NS | 1 | 57.424 | 58.188 | 0.0 | 0.0 | 291.049 | 4.041 | 1205.896 | 1276.304 | 5.546 | -93.209 | -91.999 | 0.0 |
| 102 | 15404 | 15405 | SN | 1 | 57.581 | 58.373 | 0.0 | 0.003 | 290.42 | 3.72 | 1214.584 | 1277.672 | 0.0 | -93.257 | -92.04 | 0.0 |
| 103 | 15404 | 15405 | NS | 1 | 57.397 | 58.188 | 0.0 | 0.0 | 291.049 | 4.075 | 1206.272 | 1276.304 | 5.541 | -93.212 | -91.999 | 0.0 |
| 104 | 15404 | 15405 | SN | 2 | 57.581 | 58.373 | 0.0 | 0.003 | 290.42 | 3.72 | 1214.584 | 1277.672 | 0.0 | -93.257 | -92.04 | 0.0 |
| 105 | 15405 | 15406 | NS | 2 | 57.401 | 58.187 | 0.0 | 0.0 | 299.955 | 3.833 | 1206.112 | 1276.152 | 5.754 | -93.954 | -91.986 | 0.0 |
| 106 | 15405 | 15406 | NS | 1 | 57.401 | 58.187 | 0.0 | 0.0 | 299.955 | 3.833 | 1206.112 | 1276.152 | 5.754 | -93.954 | -91.986 | 0.0 |
| 107 | 15405 | 15406 | SN | 1 | 57.574 | 58.344 | 0.0 | 0.0 | 286.25 | 3.733 | 1214.304 | 1277.584 | 0.0 | -93.249 | -92.08 | 0.0 |
| 108 | 15406 | 15407 | SN | 1 | 57.582 | 58.345 | 0.0 | 0.0 | 282.374 | 3.813 | 1214.4 | 1277.648 | 0.0 | -93.07 | -92.094 | 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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|-----|-------|-------|----|---|--------|--------|-----|-----|---------|-------|----------|----------|-------|---------|---------|-----|
| 109 | 15406 | 15407 | NS | 1 | 57.356 | 58.188 | 0.0 | 0.0 | 298.963 | 3.77 | 1205.856 | 1276.216 | 5.972 | -93.24 | -92.018 | 0.0 |
| 110 | 15406 | 15407 | SN | 1 | 57.577 | 58.345 | 0.0 | 0.0 | 282.313 | 3.803 | 1214.344 | 1277.656 | 0.0 | -93.103 | -92.094 | 0.0 |
| 111 | 15406 | 15407 | NS | 1 | 57.356 | 58.18 | 0.0 | 0.0 | 298.963 | 3.509 | 1205.856 | 1275.968 | 6.012 | -93.24 | -92.018 | 0.0 |
| 112 | 15406 | 15407 | NS | 1 | 57.356 | 58.188 | 0.0 | 0.0 | 298.963 | 3.757 | 1205.856 | 1276.216 | 5.978 | -93.24 | -92.018 | 0.0 |
| 113 | 15407 | 15408 | SN | 1 | 57.579 | 58.346 | 0.0 | 0.0 | 298.83 | 3.768 | 1214.28 | 1277.736 | 0.0 | -94.214 | -92.078 | 0.0 |
| 114 | 15407 | 15408 | NS | 1 | 57.396 | 58.19 | 0.0 | 0.0 | 297.86 | 3.669 | 1206.512 | 1276.368 | 6.283 | -93.17 | -92.011 | 0.0 |
| 115 | 15407 | 15408 | NS | 1 | 57.396 | 58.145 | 0.0 | 0.0 | 289.526 | 3.022 | 1206.512 | 1274.52 | 6.482 | -93.17 | -92.011 | 0.0 |
| 116 | 15407 | 15408 | SN | 2 | 57.579 | 58.346 | 0.0 | 0.0 | 298.83 | 3.768 | 1214.28 | 1277.736 | 0.0 | -94.214 | -92.078 | 0.0 |
| 117 | 15407 | 15408 | NS | 1 | 57.397 | 58.19 | 0.0 | 0.0 | 297.86 | 3.666 | 1206.52 | 1276.368 | 6.256 | -93.212 | -92.011 | 0.0 |
| 118 | 15408 | 15409 | NS | 1 | 57.391 | 58.192 | 0.0 | 0.0 | 284.629 | 3.811 | 1205.816 | 1276.472 | 6.754 | -93.16 | -92.018 | 0.0 |
| 119 | 15408 | 15409 | SN | 1 | 57.57 | 58.348 | 0.0 | 0.0 | 295.03 | 3.753 | 1214.104 | 1277.856 | 0.0 | -93.245 | -92.106 | 0.0 |
| 120 | 15408 | 15409 | SN | 2 | 57.57 | 58.346 | 0.0 | 0.0 | 295.185 | 3.754 | 1214.104 | 1277.832 | 0.0 | -93.245 | -92.106 | 0.0 |
| 121 | 15408 | 15409 | NS | 1 | 57.392 | 58.192 | 0.0 | 0.0 | 284.629 | 3.808 | 1205.52 | 1276.472 | 6.749 | -93.143 | -92.018 | 0.0 |
| 122 | 15408 | 15409 | NS | 1 | 57.391 | 58.136 | 0.0 | 0.0 | 274.812 | 2.682 | 1205.816 | 1271.536 | 7.262 | -93.16 | -92.018 | 0.0 |
| 123 | 15409 | 15410 | SN | 1 | 57.58 | 58.349 | 0.0 | 0.0 | 287.894 | 3.796 | 1214.352 | 1277.96 | 0.0 | -93.276 | -92.107 | 0.0 |
| 124 | 15409 | 15410 | NS | 1 | 57.397 | 58.192 | 0.0 | 0.0 | 293.194 | 3.68 | 1205.976 | 1276.584 | 6.879 | -93.215 | -92.017 | 0.0 |
| 125 | 15409 | 15410 | SN | 1 | 57.58 | 58.349 | 0.0 | 0.0 | 287.894 | 2.664 | 1214.352 | 1277.96 | 0.0 | -93.164 | -92.107 | 0.0 |
| 126 | 15409 | 15410 | NS | 1 | 57.396 | 58.137 | 0.0 | 0.0 | 277.212 | 1.917 | 1205.64 | 1268.856 | 7.887 | -93.165 | -92.017 | 0.0 |
| 127 | 15409 | 15410 | NS | 1 | 57.396 | 58.192 | 0.0 | 0.0 | 293.194 | 3.681 | 1205.64 | 1276.584 | 6.93 | -93.248 | -92.017 | 0.0 |
| 128 | 15409 | 15410 | SN | 1 | 57.58 | 58.349 | 0.0 | 0.0 | 287.894 | 3.8 | 1214.352 | 1277.96 | 0.0 | -93.164 | -92.107 | 0.0 |
| 129 | 15410 | 15411 | NS | 1 | 57.39 | 58.187 | 0.0 | 0.0 | 296.139 | 3.912 | 1205.92 | 1276.384 | 6.772 | -93.436 | -92.018 | 0.0 |
| 130 | 15410 | 15411 | NS | 2 | 57.392 | 58.185 | 0.0 | 0.0 | 296.144 | 3.914 | 1206.184 | 1276.344 | 6.737 | -93.436 | -92.018 | 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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|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 107 | 15405 | 15406 | SN | 1 | -34.303 | 19.398 | 0.0 | -34.885 | 19.756 | 0.0 | -33.7 | 22.843 | 0.072 | -26.582 | 22.704 | 0.065 | 0.086 | 199.535 | 3.377 | 0.086 | 228.092 | 2.757 | 0.086 | 173.664 | 0.152 | 0.086 | 33.769 | 0.176 |
| 108 | 15406 | 15407 | SN | 1 | -34.331 | 19.54 | 0.0 | -34.863 | 19.342 | 0.0 | -24.803 | 22.966 | 0.035 | -11.783 | 23.066 | 0.031 | 0.086 | 200.784 | 3.822 | 0.086 | 226.964 | 3.187 | 0.086 | 22.447 | 0.027 | 0.086 | 1.182 | 0.005 |
| 109 | 15406 | 15407 | NS | 1 | -34.963 | 17.616 | 0.0 | -34.484 | 19.482 | 0.0 | -12.374 | 22.314 | 0.003 | -20.313 | 24.216 | 0.366 | 0.087 | 232.271 | 2.435 | 0.086 | 208.048 | 2.447 | 0.086 | 1.344 | 0.007 | 0.086 | 8.025 | 0.014 |
| 110 | 15406 | 15407 | SN | 1 | -34.925 | 19.54 | 0.0 | -34.95 | 19.342 | 0.0 | -24.795 | 22.967 | 0.035 | -11.786 | 23.068 | 0.031 | 0.086 | 230.21 | 3.832 | 0.086 | 231.583 | 3.2 | 0.086 | 22.402 | 0.027 | 0.086 | 1.183 | 0.005 |
| 111 | 15406 | 15407 | NS | 1 | -34.963 | 17.616 | 0.0 | -34.484 | 19.482 | 0.0 | -12.374 | 22.314 | 0.004 | -20.313 | 24.216 | 0.376 | 0.087 | 232.271 | 2.44 | 0.086 | 208.048 | 2.447 | 0.086 | 1.344 | 0.007 | 0.086 | 8.025 | 0.014 |
| 112 | 15406 | 15407 | NS | 1 | -34.963 | 17.616 | 0.0 | -34.484 | 19.482 | 0.0 | -12.374 | 22.314 | 0.003 | -20.313 | 24.216 | 0.367 | 0.087 | 232.271 | 2.438 | 0.086 | 208.048 | 2.447 | 0.086 | 1.344 | 0.007 | 0.086 | 8.025 | 0.014 |
| 113 | 15407 | 15408 | SN | 1 | -34.818 | 17.823 | 0.0 | -34.889 | 17.302 | 0.0 | -15.988 | 22.6 | 0.049 | -12.476 | 22.897 | 0.062 | 0.086 | 224.697 | 5.762 | 0.087 | 228.394 | 5.497 | 0.086 | 3.004 | 0.009 | 0.086 | 1.375 | 0.008 |
| 114 | 15407 | 15408 | NS | 1 | -33.246 | 17.828 | 0.0 | -33.942 | 18.113 | 0.0 | -13.712 | 22.368 | 0.006 | -13.587 | 23.021 | 0.4 | 0.086 | 156.432 | 1.363 | 0.086 | 183.621 | 1.133 | 0.086 | 1.806 | 0.017 | 0.086 | 1.756 | 0.008 |
| 115 | 15407 | 15408 | NS | 1 | -33.246 | 17.828 | 0.0 | -33.942 | 18.113 | 0.0 | -13.712 | 22.368 | 0.007 | -13.587 | 23.021 | 0.485 | 0.086 | 156.432 | 1.366 | 0.086 | 183.621 | 1.133 | 0.086 | 1.806 | 0.022 | 0.086 | 1.756 | 0.01 |
| 116 | 15407 | 15408 | SN | 2 | -34.818 | 17.823 | 0.0 | -34.889 | 17.302 | 0.0 | -15.988 | 22.6 | 0.049 | -12.476 | 22.897 | 0.062 | 0.086 | 224.697 | 5.762 | 0.087 | 228.394 | 5.498 | 0.086 | 3.004 | 0.009 | 0.086 | 1.375 | 0.008 |
| 117 | 15407 | 15408 | NS | 1 | -33.246 | 17.828 | 0.0 | -33.942 | 18.113 | 0.0 | -13.711 | 22.368 | 0.006 | -13.587 | 23.021 | 0.4 | 0.086 | 156.432 | 1.362 | 0.086 | 183.621 | 1.132 | 0.086 | 1.805 | 0.017 | 0.086 | 1.756 | 0.008 |
| 118 | 15408 | 15409 | NS | 1 | -34.94 | 19.578 | 0.0 | -34.722 | 20.772 | 0.0 | -0.19 | 22.04 | 0.006 | 1.178 | 23.343 | 0.519 | 0.086 | 231.107 | 3.958 | 0.086 | 219.772 | 3.494 | 0.086 | 0.152 | 0.0 | 0.086 | 0.133 | 0.0 |
| 119 | 15408 | 15409 | SN | 1 | -34.807 | 17.59 | 0.0 | -34.86 | 18.009 | 0.0 | -23.067 | 22.723 | 0.092 | -21.067 | 23.071 | 0.353 | 0.087 | 224.101 | 2.984 | 0.086 | 226.861 | 2.57 | 0.086 | 15.071 | 0.111 | 0.086 | 9.531 | 0.128 |
| 120 | 15408 | 15409 | SN | 2 | -34.807 | 17.59 | 0.0 | -34.86 | 18.009 | 0.0 | -23.076 | 22.723 | 0.092 | -21.067 | 23.071 | 0.353 | 0.087 | 224.101 | 2.984 | 0.086 | 226.861 | 2.57 | 0.086 | 15.103 | 0.111 | 0.086 | 9.531 | 0.128 |
| 121 | 15408 | 15409 | NS | 1 | -34.844 | 19.576 | 0.0 | -34.597 | 20.772 | 0.0 | -0.19 | 22.04 | 0.006 | 1.179 | 23.343 | 0.519 | 0.086 | 226.025 | 3.952 | 0.086 | 213.488 | 3.496 | 0.086 | 0.152 | 0.0 | 0.086 | 0.133 | 0.0 |
| 122 | 15408 | 15409 | NS | 1 | -34.94 | 19.578 | 0.0 | -34.722 | 20.772 | 0.0 | -0.19 | 22.04 | 0.014 | 1.182 | 23.344 | 0.715 | 0.086 | 231.107 | 3.973 | 0.086 | 219.772 | 3.494 | 0.086 | 0.152 | 0.0 | 0.086 | 0.133 | 0.0 |
| 123 | 15409 | 15410 | SN | 1 | -34.468 | 15.421 | 0.0 | -34.611 | 17.888 | 0.0 | 2.854 | 22.715 | 0.058 | 3.562 | 22.95 | 0.39 | 0.087 | 207.276 | 3.126 | 0.086 | 214.22 | 2.756 | 0.086 | 0.117 | 0.0 | 0.086 | 0.112 | 0.0 |
| 124 | 15409 | 15410 | NS | 1 | -34.255 | 18.711 | 0.0 | -34.875 | 17.449 | 0.0 | 1.786 | 22.6 | 0.191 | 0.87 | 23.498 | 0.465 | 0.086 | 197.354 | 3.534 | 0.087 | 227.671 | 3.386 | 0.086 | 0.126 | 0.0 | 0.086 | 0.137 | 0.0 |
| 125 | 15409 | 15410 | SN | 1 | -34.834 | 13.707 | 0.0 | -34.168 | 13.427 | 0.0 | 2.854 | 22.71 | 0.055 | 3.562 | 22.95 | 0.407 | 0.088 | 225.439 | 3.023 | 0.088 | 193.448 | 2.974 | 0.086 | 0.117 | 0.0 | 0.086 | 0.112 | 0.0 |
| 126 | 15409 | 15410 | NS | 1 | -34.816 | 18.71 | 0.0 | -34.69 | 17.449 | 0.0 | 1.786 | 21.635 | 0.0 | 0.867 | 20.911 | 0.0 | 0.086 | 224.586 | 3.671 | 0.087 | 218.143 | 3.371 | 0.086 | 0.126 | 0.0 | 0.086 | 0.137 | 0.0 |
| 127 | 15409 | 15410 | NS | 1 | -34.816 | 18.71 | 0.0 | -34.69 | 17.449 | 0.0 | 1.786 | 22.6 | 0.191 | 0.867 | 23.499 | 0.465 | 0.086 | 224.586 | 3.538 | 0.087 | 218.143 | 3.365 | 0.086 | 0.126 | 0.0 | 0.086 | 0.137 | 0.0 |
| 128 | 15409 | 15410 | SN | 1 | -34.834 | 15.421 | 0.0 | -34.168 | 17.888 | 0.0 | 2.854 | 22.715 | 0.058 | 3.562 | 22.95 | 0.39 | 0.087 | 225.439 | 3.108 | 0.086 | 193.448 | 2.756 | 0.086 | 0.117 | 0.0 | 0.086 | 0.112 | 0.0 |
| 129 | 15410 | 15411 | NS | 1 | -34.869 | 20.182 | 0.0 | -34.914 | 19.974 | 0.0 | -1.058 | 22.986 | 0.121 | -1.174 | 23.371 | 0.241 | 0.086 | 227.337 | 5.553 | 0.086 | 229.667 | 5.264 | 0.086 | 0.168 | 0.0 | 0.086 | 0.171 | 0.0 |
| 130 | 15410 | 15411 | NS | 2 | -34.991 | 20.182 | 0.0 | -34.824 | 19.974 | 0.0 | -1.056 | 22.986 | 0.121 | -1.172 | 23.371 | 0.241 | 0.086 | 233.819 | 5.556 | 0.086 | 224.954 | 5.263 | 0.086 | 0.168 | 0.0 | 0.086 | 0.171 | 0.0 |

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

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