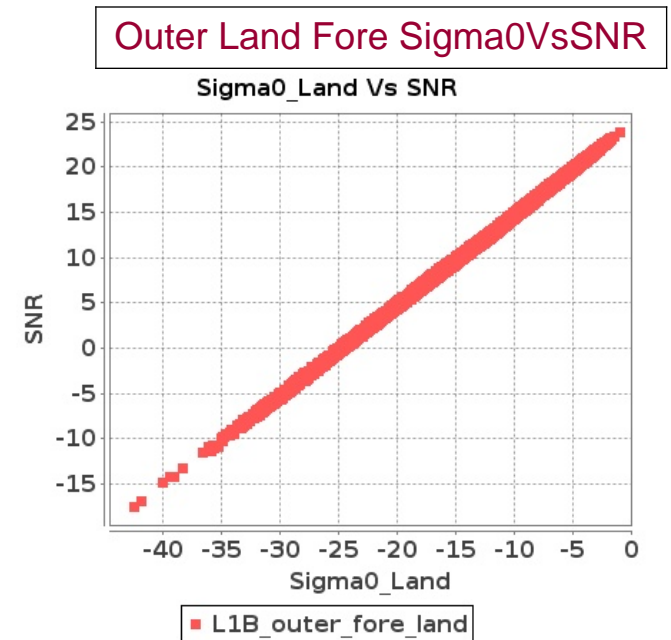
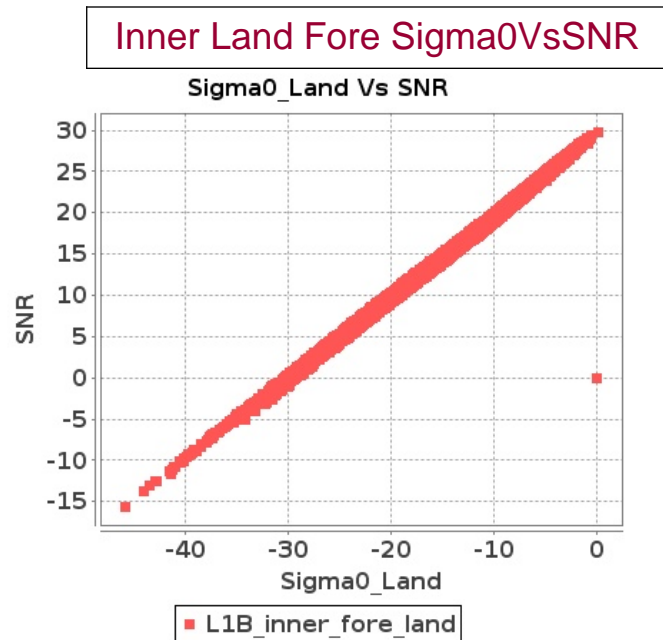
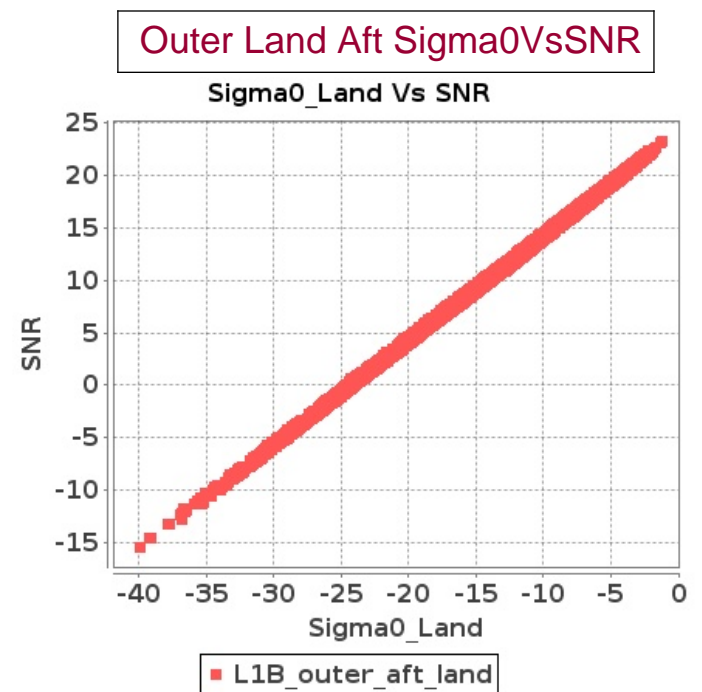
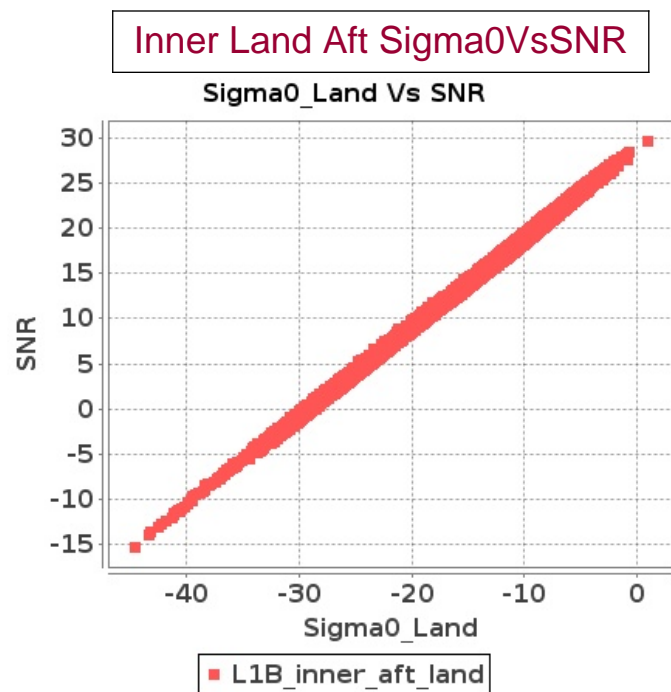
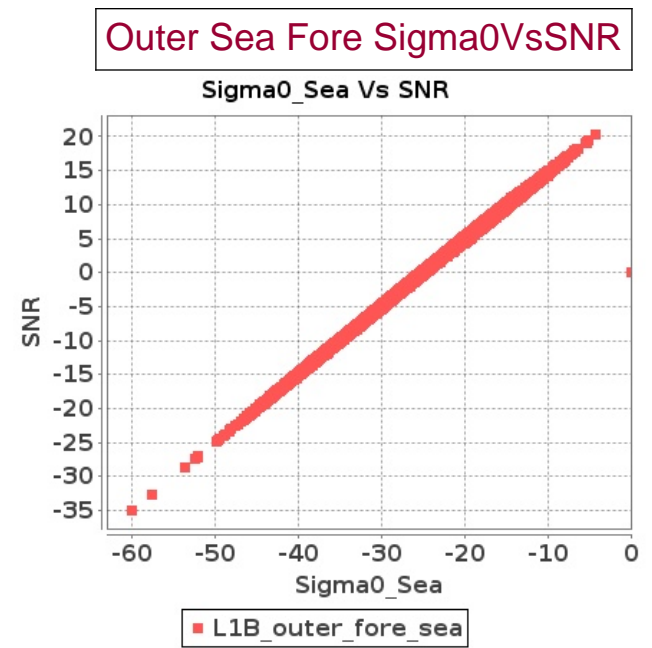
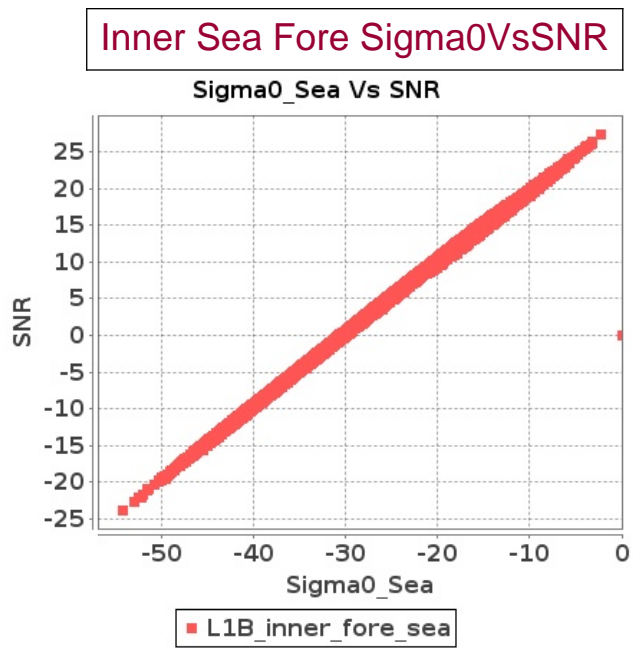
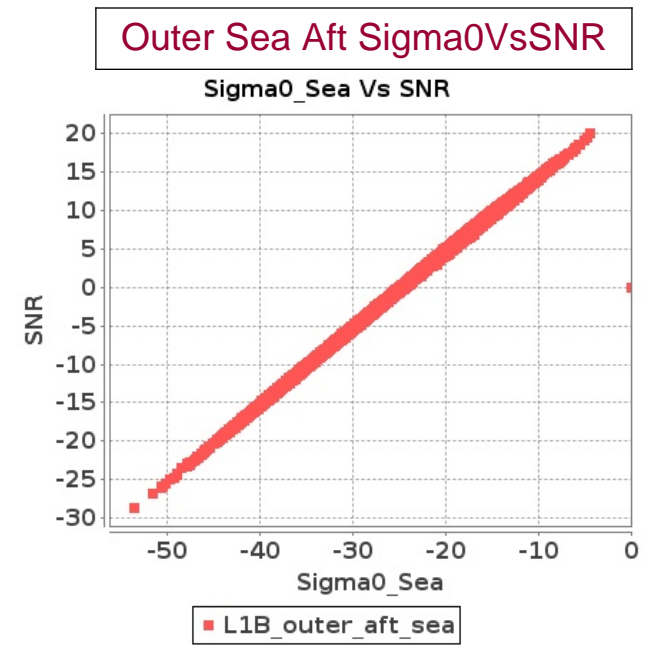
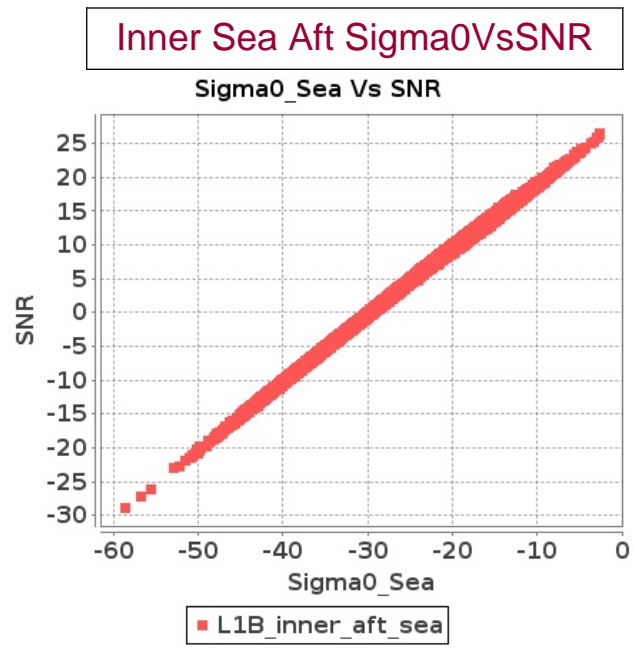
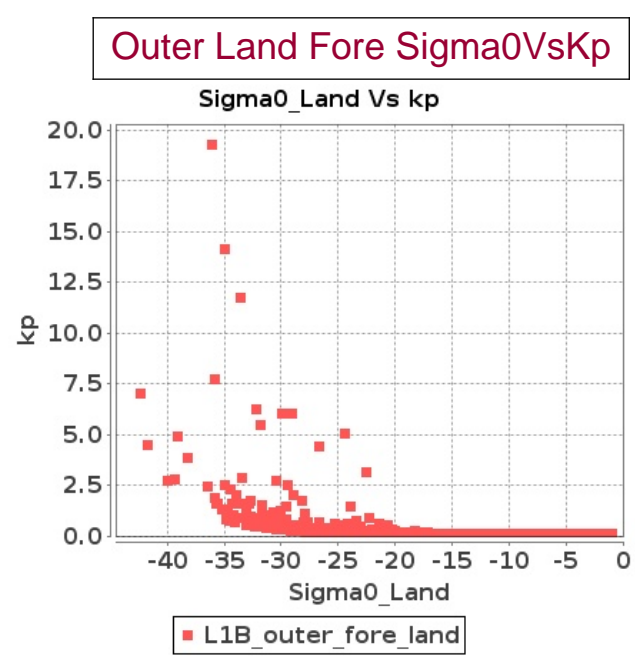
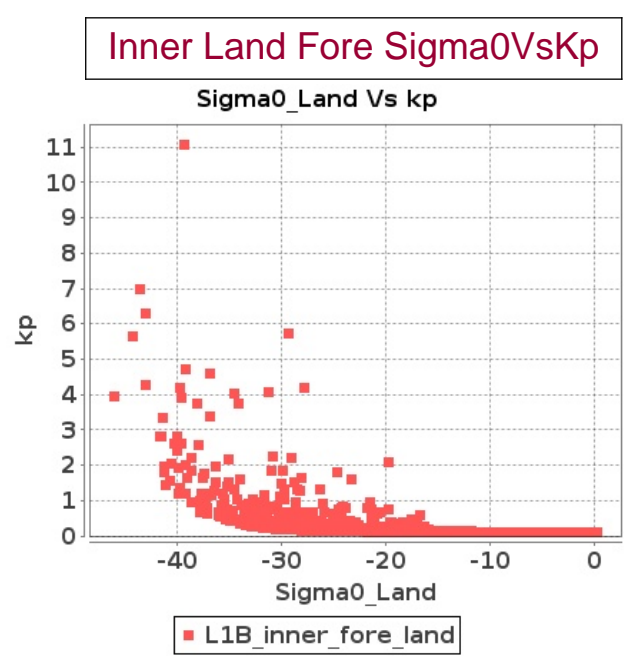
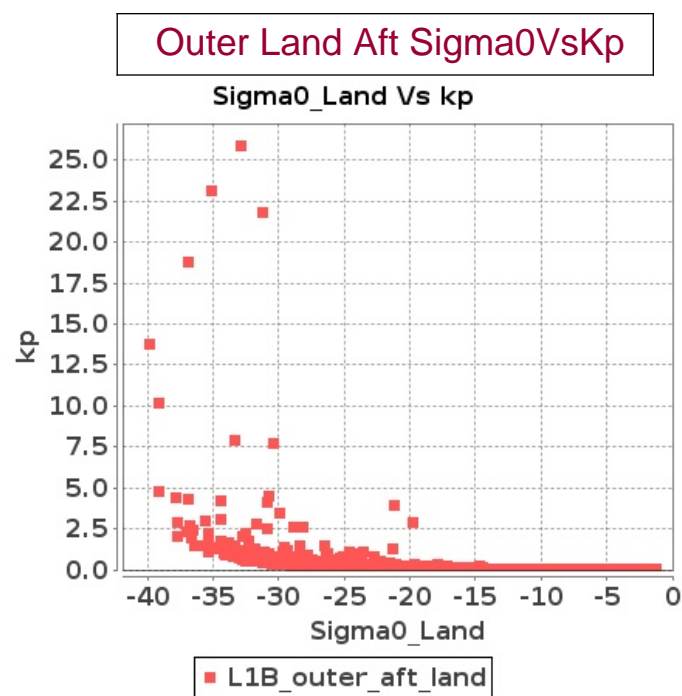
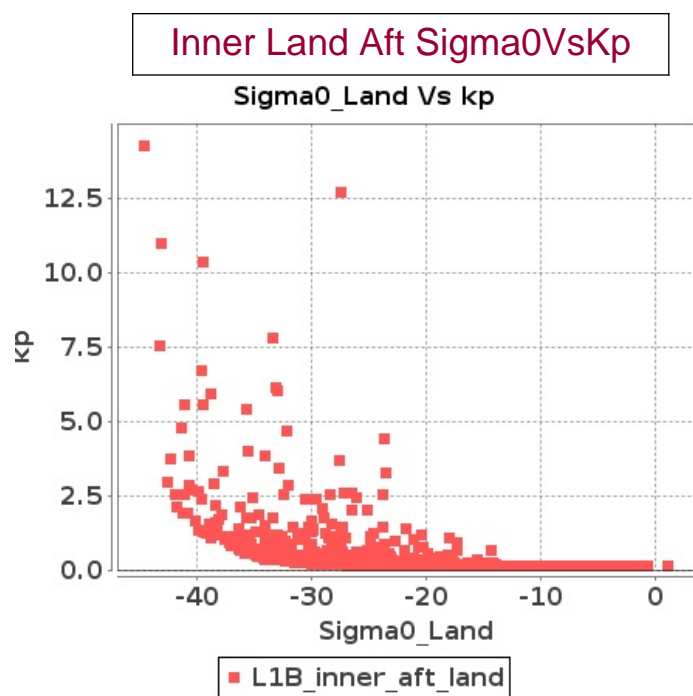
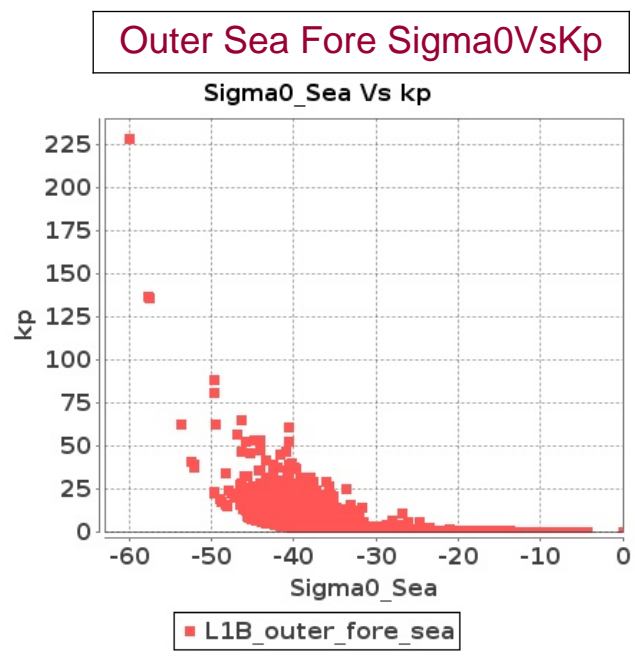
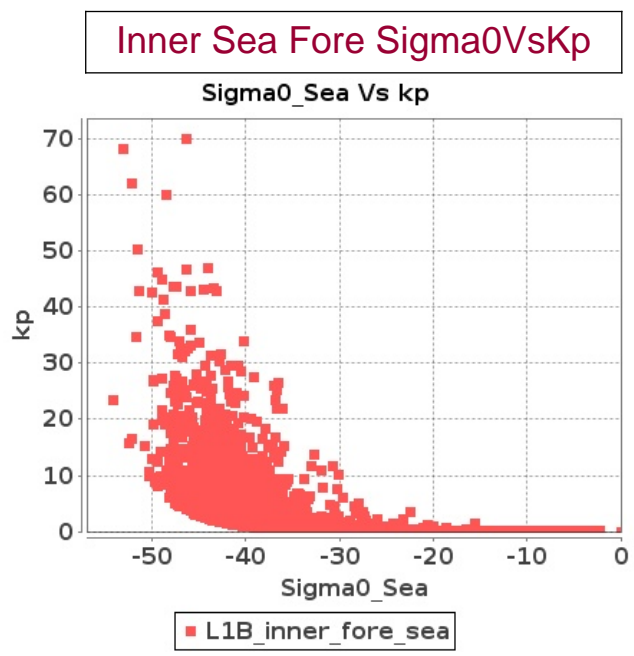
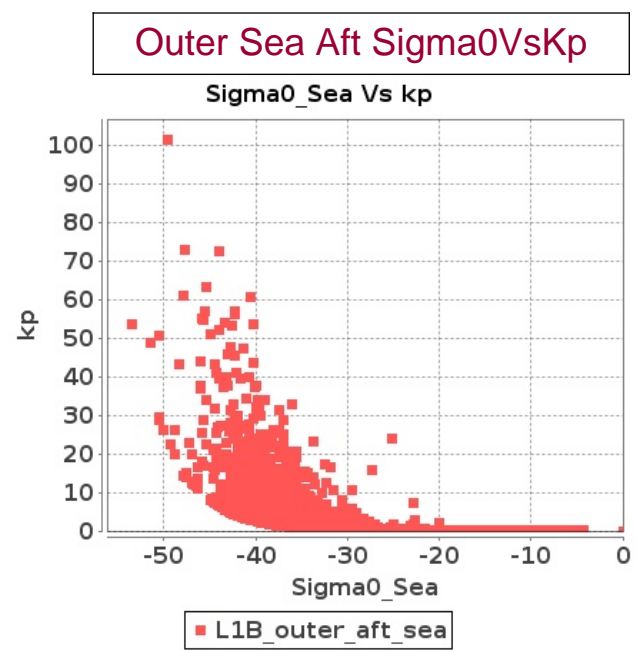
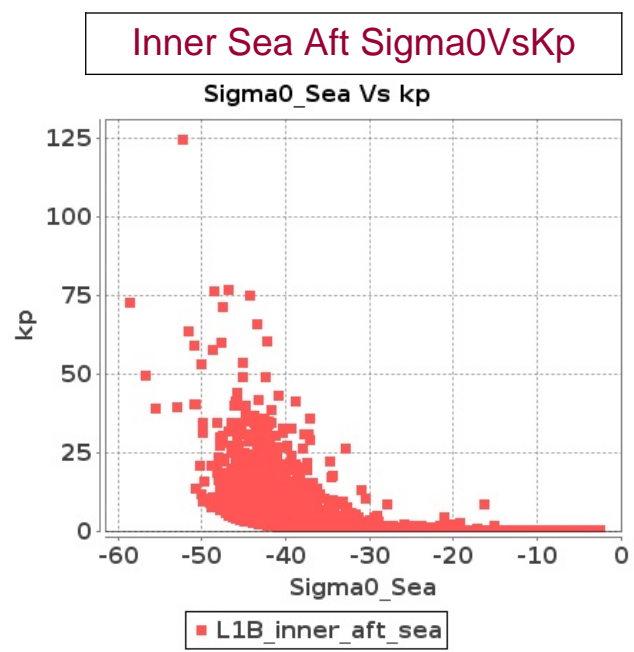


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 15-JUL-2019 To 16-JUL-2019





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

Report between 15-JUL-2019 To 16-JUL-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 | 14816 | 14817 | SN | 1 | 48.76 | 49.429 | 0.0 | 0.003 | 281.022 | 2.454 | 1040.04 | 1076.008 | 0.0 | -91.779 | -90.074 | 0.0 |
| 2 | 14816 | 14817 | SN | 1 | 48.76 | 49.429 | 0.0 | 0.003 | 281.022 | 2.731 | 1040.04 | 1076.008 | 0.0 | -91.779 | -90.074 | 0.0 |
| 3 | 14816 | 14817 | NS | 1 | 48.687 | 49.316 | 0.0 | 0.003 | 42.19 | 2.719 | 1034.144 | 1075.048 | 0.0 | -91.637 | -90.037 | 0.0 |
| 4 | 14816 | 14817 | SN | 1 | 48.76 | 49.429 | 0.0 | 0.003 | 281.022 | 2.73 | 1040.04 | 1076.008 | 0.0 | -91.779 | -90.074 | 0.0 |
| 5 | 14816 | 14817 | NS | 1 | 48.658 | 49.316 | 0.0 | 0.003 | 42.19 | 2.73 | 1034.144 | 1075.048 | 0.0 | -91.72 | -90.037 | 0.0 |
| 6 | 14817 | 14818 | SN | 1 | 48.745 | 49.411 | 0.0 | 0.003 | 6.331 | 2.537 | 1039.864 | 1076.184 | 0.0 | -91.901 | -90.102 | 0.0 |
| 7 | 14817 | 14818 | SN | 1 | 48.745 | 49.39 | 0.0 | 0.003 | 6.331 | 2.393 | 1039.424 | 1076.184 | 0.0 | -91.901 | -90.102 | 0.0 |
| 8 | 14817 | 14818 | SN | 1 | 48.745 | 49.411 | 0.0 | 0.003 | 6.331 | 2.391 | 1039.864 | 1076.184 | 0.0 | -91.901 | -90.102 | 0.0 |
| 9 | 14817 | 14818 | NS | 1 | 48.747 | 49.318 | 0.0 | 0.003 | 264.378 | 2.501 | 1033.504 | 1075.256 | 0.0 | -91.77 | -90.032 | 0.0 |
| 10 | 14817 | 14818 | NS | 2 | 48.747 | 49.319 | 0.0 | 0.003 | 210.48 | 2.503 | 1033.504 | 1075.256 | 0.0 | -91.703 | -90.032 | 0.0 |
| 11 | 14818 | 14819 | NS | 1 | 48.748 | 49.329 | 0.0 | 0.0 | 206.719 | 2.729 | 1033.688 | 1075.344 | 0.0 | -91.854 | -90.043 | 0.0 |
| 12 | 14818 | 14819 | SN | 1 | 48.735 | 49.426 | 0.0 | 0.003 | 280.101 | 2.328 | 1039.704 | 1076.224 | 0.0 | -91.857 | -90.118 | 0.0 |
| 13 | 14818 | 14819 | SN | 1 | 48.735 | 49.39 | 0.0 | 0.003 | 280.101 | 2.497 | 1039.248 | 1076.224 | 0.0 | -92.193 | -90.118 | 0.0 |
| 14 | 14818 | 14819 | SN | 1 | 48.735 | 49.426 | 0.0 | 0.003 | 280.101 | 2.499 | 1039.704 | 1076.224 | 0.0 | -91.857 | -90.118 | 0.0 |
| 15 | 14819 | 14820 | SN | 1 | 48.726 | 49.389 | 0.0 | 0.003 | 6.331 | 2.528 | 1039.472 | 1076.112 | 0.0 | -91.766 | -90.095 | 0.0 |
| 16 | 14819 | 14820 | SN | 1 | 48.726 | 49.389 | 0.0 | 0.003 | 6.331 | 2.532 | 1039.48 | 1076.12 | 0.0 | -91.711 | -90.095 | 0.0 |
| 17 | 14819 | 14820 | NS | 2 | 48.748 | 49.324 | 0.0 | 0.003 | 206.597 | 2.604 | 1034.544 | 1075.264 | 0.0 | -91.77 | -90.034 | 0.0 |
| 18 | 14819 | 14820 | NS | 1 | 48.748 | 49.318 | 0.0 | 0.003 | 206.597 | 2.604 | 1034.544 | 1075.264 | 0.0 | -91.666 | -90.034 | 0.0 |
| 19 | 14819 | 14820 | SN | 1 | 48.726 | 49.389 | 0.0 | 0.003 | 6.331 | 2.249 | 1039.48 | 1076.12 | 0.0 | -91.747 | -90.095 | 0.0 |
| 20 | 14820 | 14821 | SN | 2 | 48.716 | 49.388 | 0.0 | 0.003 | 280.245 | 2.547 | 1039.224 | 1076.064 | 0.0 | -92.379 | -90.111 | 0.0 |
| 21 | 14820 | 14821 | SN | 1 | 48.716 | 49.388 | 0.0 | 0.003 | 280.245 | 2.547 | 1039.224 | 1076.064 | 0.0 | -92.379 | -90.111 | 0.0 |
| 22 | 14820 | 14821 | NS | 1 | 48.698 | 49.354 | 0.0 | 0.003 | 210.678 | 2.673 | 1034.48 | 1075.136 | 0.0 | -91.759 | -90.047 | 0.0 |
| 23 | 14820 | 14821 | SN | 1 | 48.716 | 49.388 | 0.0 | 0.003 | 280.245 | 2.084 | 1039.224 | 1076.064 | 0.0 | -91.847 | -90.111 | 0.0 |
| 24 | 14821 | 14822 | NS | 1 | 48.748 | 49.357 | 0.0 | 0.003 | 205.693 | 2.58 | 1033.448 | 1075.048 | 0.0 | -91.756 | -90.049 | 0.0 |
| 25 | 14821 | 14822 | SN | 1 | 48.704 | 49.388 | 0.0 | 0.003 | 6.32 | 1.867 | 1038.96 | 1075.952 | 0.0 | -92.121 | -90.111 | 0.0 |
| 26 | 14821 | 14822 | SN | 1 | 48.668 | 49.388 | 0.0 | 0.003 | 6.32 | 2.583 | 1038.96 | 1075.952 | 0.0 | -92.458 | -90.111 | 0.0 |
| 27 | 14822 | 14823 | SN | 1 | 48.697 | 49.453 | 0.0 | 0.003 | 6.309 | 2.638 | 1039.168 | 1076.032 | 0.0 | -94.228 | -90.086 | 0.0 |
| 28 | 14822 | 14823 | NS | 1 | 48.704 | 49.356 | 0.0 | 0.0 | 40.436 | 2.712 | 1033.184 | 1075.064 | 0.0 | -91.814 | -90.052 | 0.0 |
| 29 | 14822 | 14823 | SN | 1 | 48.697 | 49.453 | 0.0 | 0.003 | 6.309 | 1.64 | 1039.168 | 1076.032 | 0.0 | -91.868 | -90.086 | 0.0 |
| 30 | 14822 | 14823 | SN | 1 | 48.697 | 49.453 | 0.0 | 0.003 | 6.309 | 2.643 | 1039.168 | 1076.032 | 0.0 | -94.228 | -90.086 | 0.0 |
| 31 | 14822 | 14823 | NS | 2 | 48.702 | 49.357 | 0.0 | 0.0 | 42.951 | 2.714 | 1033.288 | 1075.104 | 0.0 | -91.834 | -90.052 | 0.0 |
| 32 | 14823 | 14824 | NS | 1 | 48.748 | 49.383 | 0.0 | 0.003 | 207.016 | 2.59 | 1033.384 | 1075.176 | 0.0 | -91.883 | -90.046 | 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 | 14823 | 14824 | SN | 1 | 48.691 | 49.411 | 0.0 | 0.003 | 215.548 | 1.524 | 1039.136 | 1076.176 | 0.0 | -91.839 | -90.101 | 0.0 |
| 34 | 14823 | 14824 | SN | 1 | 48.691 | 49.411 | 0.0 | 0.003 | 215.548 | 2.597 | 1039.136 | 1076.176 | 0.0 | -91.839 | -90.101 | 0.0 |
| 35 | 14823 | 14824 | SN | 1 | 48.69 | 49.389 | 0.0 | 0.003 | 215.559 | 2.594 | 1039.128 | 1076.136 | 0.0 | -91.835 | -90.101 | 0.0 |
| 36 | 14823 | 14824 | NS | 2 | 48.745 | 49.385 | 0.0 | 0.003 | 207.016 | 2.587 | 1033.352 | 1075.208 | 0.0 | -91.884 | -90.046 | 0.0 |
| 37 | 14824 | 14825 | SN | 1 | 48.655 | 49.391 | 0.0 | 0.003 | 212.559 | 2.53 | 1038.568 | 1076.216 | 0.0 | -92.126 | -90.085 | 0.0 |
| 38 | 14824 | 14825 | NS | 1 | 48.686 | 49.362 | 0.0 | 0.003 | 266.898 | 2.721 | 1034.2 | 1075.224 | 0.0 | -91.893 | -90.037 | 0.0 |
| 39 | 14825 | 14826 | NS | 1 | 48.72 | 49.316 | 0.0 | 0.003 | 264.819 | 2.639 | 1033.584 | 1075.088 | 0.0 | -91.773 | -90.034 | 0.0 |
| 40 | 14825 | 14826 | NS | 1 | 48.72 | 49.316 | 0.0 | 0.003 | 264.819 | 2.651 | 1033.584 | 1075.088 | 0.0 | -91.773 | -90.034 | 0.0 |
| 41 | 14825 | 14826 | SN | 1 | 48.663 | 49.391 | 0.0 | 0.003 | 6.337 | 2.574 | 1038.568 | 1076.104 | 0.0 | -92.171 | -90.122 | 0.0 |
| 42 | 14826 | 14827 | NS | 1 | 48.683 | 49.323 | 0.0 | 0.0 | 207.061 | 2.738 | 1034.168 | 1075.16 | 0.0 | -91.76 | -90.051 | 0.0 |
| 43 | 14826 | 14827 | NS | 1 | 48.683 | 49.332 | 0.0 | 0.0 | 207.061 | 2.741 | 1034.168 | 1075.16 | 0.0 | -91.753 | -90.051 | 0.0 |
| 44 | 14826 | 14827 | SN | 1 | 48.667 | 49.417 | 0.0 | 0.003 | 280.471 | 2.652 | 1038.456 | 1076.152 | 0.0 | -91.781 | -90.084 | 0.0 |
| 45 | 14826 | 14827 | SN | 2 | 48.667 | 49.416 | 0.0 | 0.003 | 280.212 | 2.654 | 1038.456 | 1076.152 | 0.0 | -91.78 | -90.084 | 0.0 |
| 46 | 14826 | 14827 | NS | 1 | 48.683 | 49.332 | 0.0 | 0.0 | 207.061 | 2.681 | 1034.168 | 1074.936 | 0.0 | -91.753 | -90.051 | 0.0 |
| 47 | 14827 | 14828 | NS | 1 | 48.699 | 49.376 | 0.0 | 0.003 | 210.215 | 2.544 | 1034.008 | 1075.232 | 0.0 | -91.814 | -90.049 | 0.0 |
| 48 | 14827 | 14828 | SN | 2 | 48.653 | 49.391 | 0.0 | 0.008 | 6.326 | 2.585 | 1038.128 | 1076.208 | 0.0 | -92.231 | -90.092 | 0.0 |
| 49 | 14827 | 14828 | SN | 1 | 48.652 | 49.391 | 0.0 | 0.008 | 6.32 | 2.584 | 1038.12 | 1076.2 | 0.0 | -91.975 | -90.092 | 0.0 |
| 50 | 14827 | 14828 | NS | 1 | 48.684 | 49.345 | 0.0 | 0.003 | 210.215 | 2.16 | 1034.008 | 1073.952 | 0.0 | -91.715 | -90.049 | 0.0 |
| 51 | 14827 | 14828 | NS | 1 | 48.684 | 49.345 | 0.0 | 0.003 | 210.215 | 2.546 | 1034.008 | 1075.232 | 0.0 | -91.75 | -90.049 | 0.0 |
| 52 | 14828 | 14829 | SN | 1 | 48.638 | 49.402 | 0.0 | 0.003 | 6.32 | 2.583 | 1037.824 | 1076.288 | 0.0 | -91.72 | -90.116 | 0.0 |
| 53 | 14828 | 14829 | NS | 1 | 48.709 | 49.369 | 0.0 | 0.003 | 18.492 | 1.745 | 1033.248 | 1073.144 | 0.0 | -91.765 | -90.047 | 0.0 |
| 54 | 14828 | 14829 | NS | 1 | 48.709 | 49.369 | 0.0 | 0.0 | 200.823 | 2.697 | 1033.248 | 1075.32 | 0.0 | -91.765 | -90.047 | 0.0 |
| 55 | 14828 | 14829 | SN | 1 | 48.638 | 49.402 | 0.0 | 0.003 | 6.32 | 2.58 | 1037.824 | 1076.288 | 0.0 | -91.702 | -90.116 | 0.0 |
| 56 | 14829 | 14830 | SN | 1 | 48.626 | 49.402 | 0.0 | 0.003 | 29.072 | 2.647 | 1037.6 | 1076.392 | 0.0 | -91.727 | -90.123 | 0.0 |
| 57 | 14829 | 14830 | SN | 1 | 48.626 | 49.402 | 0.0 | 0.003 | 29.072 | 1.526 | 1037.6 | 1076.392 | 0.0 | -91.687 | -90.123 | 0.0 |
| 58 | 14829 | 14830 | SN | 1 | 48.626 | 49.402 | 0.0 | 0.003 | 29.072 | 2.66 | 1037.6 | 1076.392 | 0.0 | -92.122 | -90.123 | 0.0 |
| 59 | 14829 | 14830 | NS | 1 | 48.698 | 49.376 | 0.0 | 0.003 | 267.102 | 1.526 | 1032.68 | 1071.04 | 0.0 | -92.018 | -90.046 | 0.0 |
| 60 | 14829 | 14830 | NS | 2 | 48.698 | 49.376 | 0.0 | 0.003 | 267.102 | 2.573 | 1032.68 | 1075.368 | 0.0 | -92.018 | -90.046 | 0.0 |
| 61 | 14829 | 14830 | NS | 1 | 48.698 | 49.376 | 0.0 | 0.003 | 267.102 | 2.574 | 1032.68 | 1075.368 | 0.0 | -92.018 | -90.046 | 0.0 |
| 62 | 14830 | 14831 | SN | 1 | 48.641 | 49.443 | 0.0 | 0.003 | 280.824 | 2.696 | 1037.808 | 1076.336 | 0.0 | -91.816 | -90.101 | 0.0 |
| 63 | 14830 | 14831 | NS | 2 | 48.703 | 49.346 | 0.0 | 0.003 | 41.542 | 2.721 | 1033.808 | 1075.312 | 0.0 | -91.682 | -90.045 | 0.0 |
| 64 | 14830 | 14831 | NS | 1 | 48.703 | 49.346 | 0.0 | 0.003 | 41.862 | 2.722 | 1033.808 | 1075.312 | 0.0 | -91.682 | -90.045 | 0.0 |
| 65 | 14830 | 14831 | SN | 1 | 48.641 | 49.407 | 0.0 | 0.003 | 280.824 | 2.687 | 1037.808 | 1076.336 | 0.0 | -91.816 | -90.101 | 0.0 |
| 66 | 14830 | 14831 | SN | 1 | 48.641 | 49.407 | 0.0 | 0.003 | 280.824 | 2.0 | 1037.808 | 1076.336 | 0.0 | -91.816 | -90.101 | 0.0 |
| 67 | 14831 | 14832 | NS | 1 | 48.723 | 49.314 | 0.0 | 0.003 | 267.494 | 2.527 | 1033.944 | 1075.304 | 0.0 | -91.574 | -90.036 | 0.0 |
| 68 | 14831 | 14832 | SN | 1 | 48.631 | 49.393 | 0.0 | 0.003 | 280.201 | 2.632 | 1037.464 | 1076.288 | 0.0 | -91.882 | -90.087 | 0.0 |
| 69 | 14831 | 14832 | NS | 1 | 48.723 | 49.314 | 0.0 | 0.003 | 267.494 | 2.525 | 1033.648 | 1075.304 | 0.0 | -91.587 | -90.036 | 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 | 14831 | 14832 | SN | 1 | 48.631 | 49.393 | 0.0 | 0.003 | 280.201 | 2.446 | 1037.464 | 1076.288 | 0.0 | -91.882 | -90.087 | 0.0 |
| 71 | 14831 | 14832 | SN | 2 | 48.631 | 49.393 | 0.0 | 0.003 | 280.201 | 2.632 | 1037.464 | 1076.288 | 0.0 | -91.882 | -90.087 | 0.0 |
| 72 | 14832 | 14833 | SN | 1 | 48.617 | 49.448 | 0.0 | 0.003 | 280.669 | 2.37 | 1036.928 | 1076.424 | 0.0 | -92.069 | -90.12 | 0.0 |
| 73 | 14832 | 14833 | SN | 1 | 48.617 | 49.448 | 0.0 | 0.003 | 280.669 | 2.53 | 1036.928 | 1076.424 | 0.0 | -92.069 | -90.12 | 0.0 |
| 74 | 14832 | 14833 | SN | 2 | 48.617 | 49.448 | 0.0 | 0.003 | 280.675 | 2.369 | 1036.928 | 1076.44 | 0.0 | -92.069 | -90.12 | 0.0 |
| 75 | 14832 | 14833 | NS | 1 | 48.73 | 49.314 | 0.0 | 0.0 | 264.323 | 2.594 | 1034.112 | 1075.496 | 0.0 | -91.603 | -90.01 | 0.0 |
| 76 | 14832 | 14833 | NS | 1 | 48.73 | 49.314 | 0.0 | 0.0 | 264.323 | 2.592 | 1033.696 | 1075.496 | 0.0 | -91.592 | -90.01 | 0.0 |
| 77 | 14833 | 14834 | SN | 1 | 48.606 | 49.412 | 0.0 | 0.003 | 6.337 | 2.531 | 1036.528 | 1076.376 | 0.0 | -91.853 | -90.112 | 0.0 |
| 78 | 14833 | 14834 | SN | 1 | 48.606 | 49.412 | 0.0 | 0.003 | 6.337 | 2.3 | 1036.528 | 1076.376 | 0.0 | -91.853 | -90.112 | 0.0 |
| 79 | 14833 | 14834 | SN | 1 | 48.606 | 49.412 | 0.0 | 0.003 | 6.337 | 2.529 | 1036.528 | 1076.376 | 0.0 | -92.137 | -90.112 | 0.0 |
| 80 | 14833 | 14834 | NS | 1 | 48.721 | 49.322 | 0.0 | 0.003 | 13.115 | 2.535 | 1034.232 | 1075.456 | 0.0 | -91.763 | -90.051 | 0.0 |
| 81 | 14834 | 14835 | NS | 2 | 48.716 | 49.336 | 0.0 | 0.0 | 42.683 | 2.76 | 1034.264 | 1075.344 | 0.0 | -92.479 | -90.018 | 0.0 |
| 82 | 14834 | 14835 | NS | 1 | 48.716 | 49.324 | 0.0 | 0.0 | 42.683 | 2.76 | 1034.264 | 1075.344 | 0.0 | -92.479 | -90.018 | 0.0 |
| 83 | 14834 | 14835 | SN | 1 | 48.604 | 49.45 | 0.0 | 0.003 | 6.326 | 2.526 | 1036.392 | 1076.256 | 0.0 | -91.847 | -90.113 | 0.0 |
| 84 | 14835 | 14836 | SN | 1 | 48.593 | 49.42 | 0.0 | 0.003 | 6.331 | 2.549 | 1036.152 | 1076.176 | 0.0 | -91.892 | -90.114 | 0.0 |
| 85 | 14835 | 14836 | SN | 1 | 48.593 | 49.42 | 0.0 | 0.003 | 6.331 | 2.492 | 1036.152 | 1076.176 | 0.0 | -91.892 | -90.114 | 0.0 |
| 86 | 14835 | 14836 | NS | 1 | 48.729 | 49.336 | 0.0 | 0.003 | 267.306 | 2.614 | 1034.2 | 1075.24 | 0.0 | -91.787 | -90.041 | 0.0 |
| 87 | 14836 | 14837 | SN | 1 | 48.586 | 49.455 | 0.0 | 0.003 | 6.331 | 2.61 | 1036.072 | 1076.152 | 0.0 | -94.291 | -90.114 | 0.0 |
| 88 | 14836 | 14837 | NS | 2 | 48.701 | 49.371 | 0.0 | 0.003 | 41.713 | 2.626 | 1034.072 | 1075.192 | 0.0 | -91.792 | -90.049 | 0.0 |
| 89 | 14836 | 14837 | SN | 1 | 48.586 | 49.426 | 0.0 | 0.003 | 6.331 | 1.753 | 1036.072 | 1076.152 | 0.0 | -91.797 | -90.114 | 0.0 |
| 90 | 14836 | 14837 | NS | 1 | 48.701 | 49.371 | 0.0 | 0.003 | 41.713 | 2.626 | 1034.072 | 1075.192 | 0.0 | -91.792 | -90.049 | 0.0 |
| 91 | 14837 | 14838 | SN | 2 | 48.588 | 49.426 | 0.0 | 0.003 | 6.337 | 2.69 | 1036.176 | 1076.328 | 0.0 | -93.136 | -90.103 | 0.0 |
| 92 | 14837 | 14838 | SN | 1 | 48.588 | 49.426 | 0.0 | 0.003 | 6.337 | 1.766 | 1036.176 | 1076.328 | 0.0 | -91.787 | -90.103 | 0.0 |
| 93 | 14837 | 14838 | NS | 1 | 48.686 | 49.36 | 0.0 | 0.003 | 13.021 | 2.556 | 1032.928 | 1075.344 | 0.0 | -91.782 | -90.048 | 0.0 |
| 94 | 14837 | 14838 | NS | 1 | 48.686 | 49.36 | 0.0 | 0.003 | 13.021 | 2.559 | 1032.928 | 1075.344 | 0.0 | -91.782 | -90.048 | 0.0 |
| 95 | 14837 | 14838 | SN | 1 | 48.588 | 49.426 | 0.0 | 0.003 | 6.337 | 2.69 | 1036.176 | 1076.328 | 0.0 | -93.136 | -90.103 | 0.0 |
| 96 | 14838 | 14839 | SN | 1 | 48.568 | 49.444 | 0.0 | 0.003 | 280.03 | 2.584 | 1035.872 | 1076.528 | 0.0 | -93.433 | -90.081 | 0.0 |
| 97 | 14838 | 14839 | NS | 1 | 48.686 | 49.338 | 0.0 | 0.003 | 267.439 | 2.681 | 1033.824 | 1075.424 | 0.0 | -91.864 | -90.024 | 0.0 |
| 98 | 14838 | 14839 | NS | 1 | 48.686 | 49.338 | 0.0 | 0.003 | 267.439 | 2.678 | 1033.824 | 1075.424 | 0.0 | -91.892 | -90.024 | 0.0 |
| 99 | 14839 | 14840 | SN | 1 | 48.547 | 49.465 | 0.0 | 0.003 | 280.912 | 2.546 | 1035.408 | 1076.384 | 0.0 | -91.812 | -90.125 | 0.0 |
| 100 | 14839 | 14840 | NS | 1 | 48.746 | 49.378 | 0.0 | 0.003 | 13.153 | 2.645 | 1033.64 | 1075.368 | 0.0 | -91.772 | -90.024 | 0.0 |
| 101 | 14839 | 14840 | NS | 1 | 48.699 | 49.314 | 0.0 | 0.003 | 13.153 | 2.647 | 1033.672 | 1075.368 | 0.0 | -91.772 | -90.024 | 0.0 |
| 102 | 14840 | 14841 | SN | 1 | 48.567 | 49.443 | 0.0 | 0.003 | 6.337 | 2.632 | 1035.536 | 1076.344 | 0.0 | -91.753 | -90.099 | 0.0 |
| 103 | 14840 | 14841 | NS | 1 | 48.722 | 49.324 | 0.0 | 0.003 | 18.806 | 2.688 | 1033.064 | 1075.28 | 0.0 | -91.833 | -90.048 | 0.0 |
| 104 | 14841 | 14842 | NS | 1 | 48.685 | 49.356 | 0.0 | 0.0 | 265.299 | 2.582 | 1033.784 | 1075.344 | 0.0 | -91.877 | -90.047 | 0.0 |
| 105 | 14841 | 14842 | SN | 1 | 48.545 | 49.462 | 0.0 | 0.003 | 6.337 | 2.598 | 1035.032 | 1076.376 | 0.0 | -91.749 | -90.1 | 0.0 |
| 106 | 14841 | 14842 | NS | 1 | 48.686 | 49.356 | 0.0 | 0.0 | 265.299 | 2.584 | 1033.784 | 1075.352 | 0.0 | -91.884 | -90.047 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 14842 | 14843 | SN | 1 | 48.527 | 49.479 | 0.0 | 0.003 | 6.331 | 2.577 | 1034.704 | 1076.4 | 0.0 | -91.708 | -90.115 | 0.0 |
| 108 | 14842 | 14843 | NS | 1 | 48.685 | 49.332 | 0.0 | 0.003 | 266.948 | 2.63 | 1033.6 | 1075.4 | 0.0 | -91.774 | -90.044 | 0.0 |
| 109 | 14843 | 14844 | NS | 1 | 48.686 | 49.377 | 0.0 | 0.003 | 267.114 | 1.473 | 1033.136 | 1072.384 | 0.0 | -92.107 | -90.043 | 0.0 |
| 110 | 14843 | 14844 | NS | 1 | 48.686 | 49.377 | 0.0 | 0.003 | 267.114 | 2.564 | 1033.136 | 1075.488 | 0.0 | -92.107 | -90.043 | 0.0 |
| 111 | 14844 | 14845 | NS | 1 | 48.683 | 49.342 | 0.0 | 0.0 | 227.974 | 3.11 | 1032.4 | 1074.016 | 0.0 | -92.319 | -90.024 | 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 |

| | | | | | 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 | 14816 | 14817 | SN | 1 | 57.517 | 58.23 | 0.0 | 0.0 | 299.768 | 3.553 | 1218.504 | 1264.256 | 0.0 | -93.138 | -92.114 | 0.0 |
| 2 | 14816 | 14817 | SN | 1 | 57.517 | 58.23 | 0.0 | 0.0 | 299.768 | 3.97 | 1218.504 | 1264.256 | 0.0 | -93.138 | -92.114 | 0.0 |
| 3 | 14816 | 14817 | NS | 1 | 57.492 | 58.12 | 0.0 | 0.0 | 296.001 | 3.887 | 1211.136 | 1262.544 | 0.0 | -93.13 | -92.073 | 0.0 |
| 4 | 14816 | 14817 | SN | 1 | 57.517 | 58.23 | 0.0 | 0.0 | 299.768 | 3.968 | 1218.504 | 1264.256 | 0.0 | -93.138 | -92.114 | 0.0 |
| 5 | 14816 | 14817 | NS | 1 | 57.49 | 58.132 | 0.0 | 0.0 | 296.001 | 3.916 | 1211.672 | 1262.544 | 0.0 | -93.13 | -92.073 | 0.0 |
| 6 | 14817 | 14818 | SN | 1 | 57.501 | 58.252 | 0.0 | 0.0 | 295.604 | 3.729 | 1217.912 | 1264.424 | 0.0 | -93.207 | -92.14 | 0.0 |
| 7 | 14817 | 14818 | SN | 1 | 57.473 | 58.258 | 0.0 | 0.0 | 295.604 | 3.354 | 1217.128 | 1264.424 | 0.0 | -93.2 | -92.14 | 0.0 |
| 8 | 14817 | 14818 | SN | 1 | 57.501 | 58.252 | 0.0 | 0.0 | 295.604 | 3.35 | 1217.912 | 1264.424 | 0.0 | -93.207 | -92.14 | 0.0 |
| 9 | 14817 | 14818 | NS | 1 | 57.523 | 58.138 | 0.0 | 0.0 | 296.166 | 3.612 | 1211.912 | 1262.808 | 0.0 | -93.425 | -92.066 | 0.0 |
| 10 | 14817 | 14818 | NS | 2 | 57.523 | 58.137 | 0.0 | 0.0 | 296.735 | 3.609 | 1211.904 | 1262.808 | 0.0 | -93.426 | -92.066 | 0.0 |
| 11 | 14818 | 14819 | NS | 1 | 57.506 | 58.152 | 0.0 | 0.0 | 296.784 | 3.764 | 1211.712 | 1262.92 | 0.0 | -93.178 | -92.075 | 0.0 |
| 12 | 14818 | 14819 | SN | 1 | 57.49 | 58.26 | 0.0 | 0.0 | 293.293 | 3.266 | 1217.424 | 1264.456 | 0.0 | -93.196 | -92.157 | 0.0 |
| 13 | 14818 | 14819 | SN | 1 | 57.49 | 58.26 | 0.0 | 0.0 | 293.293 | 3.646 | 1217.424 | 1264.456 | 0.0 | -93.41 | -92.157 | 0.0 |
| 14 | 14818 | 14819 | SN | 1 | 57.49 | 58.26 | 0.0 | 0.0 | 293.293 | 3.65 | 1217.424 | 1264.456 | 0.0 | -93.196 | -92.157 | 0.0 |
| 15 | 14819 | 14820 | SN | 1 | 57.414 | 58.294 | 0.0 | 0.0 | 299.012 | 3.643 | 1217.088 | 1264.328 | 0.0 | -95.593 | -92.128 | 0.0 |
| 16 | 14819 | 14820 | SN | 1 | 57.414 | 58.294 | 0.0 | 0.0 | 298.99 | 3.646 | 1217.096 | 1264.344 | 0.0 | -95.593 | -92.128 | 0.0 |
| 17 | 14819 | 14820 | NS | 2 | 57.504 | 58.121 | 0.0 | 0.0 | 298.577 | 3.716 | 1212.168 | 1262.824 | 0.0 | -93.04 | -92.069 | 0.0 |
| 18 | 14819 | 14820 | NS | 1 | 57.504 | 58.121 | 0.0 | 0.0 | 298.577 | 3.716 | 1212.168 | 1262.824 | 0.0 | -93.04 | -92.069 | 0.0 |
| 19 | 14819 | 14820 | SN | 1 | 57.48 | 58.257 | 0.0 | 0.0 | 298.99 | 3.222 | 1217.096 | 1264.344 | 0.0 | -93.195 | -92.128 | 0.0 |
| 20 | 14820 | 14821 | SN | 2 | 57.459 | 58.227 | 0.0 | 0.0 | 298.621 | 3.682 | 1216.792 | 1264.272 | 0.0 | -94.109 | -92.151 | 0.0 |
| 21 | 14820 | 14821 | SN | 1 | 57.459 | 58.227 | 0.0 | 0.0 | 298.621 | 3.682 | 1216.792 | 1264.272 | 0.0 | -94.109 | -92.151 | 0.0 |
| 22 | 14820 | 14821 | NS | 1 | 57.497 | 58.138 | 0.0 | 0.003 | 296.861 | 3.757 | 1212.288 | 1262.664 | 0.0 | -93.286 | -92.083 | 0.0 |
| 23 | 14820 | 14821 | SN | 1 | 57.459 | 58.227 | 0.0 | 0.0 | 298.621 | 3.152 | 1216.792 | 1264.272 | 0.0 | -93.024 | -92.151 | 0.0 |
| 24 | 14821 | 14822 | NS | 1 | 57.508 | 58.181 | 0.0 | 0.0 | 288.186 | 3.772 | 1211.832 | 1262.528 | 0.0 | -93.192 | -92.087 | 0.0 |
| 25 | 14821 | 14822 | SN | 1 | 57.456 | 58.227 | 0.0 | 0.0 | 299.823 | 2.986 | 1216.528 | 1264.144 | 0.0 | -93.219 | -92.151 | 0.0 |
| 26 | 14821 | 14822 | SN | 1 | 57.4 | 58.27 | 0.0 | 0.0 | 299.823 | 3.726 | 1216.528 | 1264.144 | 0.0 | -95.612 | -92.151 | 0.0 |
| 27 | 14822 | 14823 | SN | 1 | 57.446 | 58.249 | 0.0 | 0.0 | 299.034 | 3.802 | 1216.176 | 1264.264 | 0.0 | -93.594 | -92.129 | 0.0 |
| 28 | 14822 | 14823 | NS | 1 | 57.5 | 58.148 | 0.0 | 0.0 | 299.895 | 3.862 | 1211.08 | 1262.552 | 0.0 | -93.152 | -92.09 | 0.0 |
| 29 | 14822 | 14823 | SN | 1 | 57.446 | 58.249 | 0.0 | 0.0 | 299.034 | 2.766 | 1216.176 | 1264.264 | 0.0 | -93.169 | -92.129 | 0.0 |
| 30 | 14822 | 14823 | SN | 1 | 57.446 | 58.249 | 0.0 | 0.0 | 299.034 | 3.808 | 1216.176 | 1264.264 | 0.0 | -93.594 | -92.129 | 0.0 |
| 31 | 14822 | 14823 | NS | 2 | 57.497 | 58.149 | 0.0 | 0.0 | 295.565 | 3.869 | 1211.032 | 1262.608 | 0.0 | -93.422 | -92.09 | 0.0 |
| 32 | 14823 | 14824 | NS | 1 | 57.49 | 58.149 | 0.0 | 0.0 | 297.385 | 3.759 | 1211.056 | 1262.696 | 0.0 | -93.341 | -92.085 | 0.0 |
| 33 | 14823 | 14824 | SN | 1 | 57.442 | 58.246 | 0.0 | 0.003 | 282.34 | 2.484 | 1216.432 | 1264.424 | 0.0 | -93.163 | -92.134 | 0.0 |
| 34 | 14823 | 14824 | SN | 1 | 57.385 | 58.246 | 0.0 | 0.0 | 295.996 | 3.736 | 1216.432 | 1264.424 | 0.0 | -95.024 | -92.134 | 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 | 14823 | 14824 | SN | 1 | 57.385 | 58.228 | 0.0 | 0.0 | 299.134 | 3.735 | 1216.424 | 1264.368 | 0.0 | -95.024 | -92.134 | 0.0 |
| 36 | 14823 | 14824 | NS | 2 | 57.488 | 58.144 | 0.0 | 0.003 | 297.275 | 3.755 | 1211.008 | 1262.736 | 0.0 | -93.385 | -92.085 | 0.0 |
| 37 | 14824 | 14825 | SN | 1 | 57.404 | 58.23 | 0.0 | 0.0 | 291.148 | 3.668 | 1215.528 | 1264.512 | 0.0 | -93.329 | -92.122 | 0.0 |
| 38 | 14824 | 14825 | NS | 1 | 57.487 | 58.142 | 0.0 | 0.0 | 297.148 | 3.909 | 1211.928 | 1262.776 | 0.0 | -93.203 | -92.046 | 0.0 |
| 39 | 14825 | 14826 | NS | 1 | 57.505 | 58.141 | 0.0 | 0.0 | 297.854 | 3.781 | 1211.264 | 1262.576 | 0.0 | -93.171 | -92.066 | 0.0 |
| 40 | 14825 | 14826 | NS | 1 | 57.505 | 58.141 | 0.0 | 0.0 | 297.854 | 3.782 | 1211.264 | 1262.576 | 0.0 | -93.174 | -92.066 | 0.0 |
| 41 | 14825 | 14826 | SN | 1 | 57.412 | 58.23 | 0.0 | 0.0 | 296.271 | 3.763 | 1215.584 | 1264.376 | 0.0 | -94.491 | -92.159 | 0.0 |
| 42 | 14826 | 14827 | NS | 1 | 57.485 | 58.134 | 0.0 | 0.0 | 296.702 | 3.773 | 1211.208 | 1262.664 | 0.0 | -93.341 | -92.088 | 0.0 |
| 43 | 14826 | 14827 | NS | 1 | 57.507 | 58.139 | 0.0 | 0.0 | 296.702 | 3.776 | 1211.36 | 1262.664 | 0.0 | -93.195 | -92.088 | 0.0 |
| 44 | 14826 | 14827 | SN | 1 | 57.399 | 58.238 | 0.0 | 0.0 | 298.67 | 3.848 | 1215.496 | 1264.392 | 0.0 | -95.671 | -92.127 | 0.0 |
| 45 | 14826 | 14827 | SN | 2 | 57.399 | 58.239 | 0.0 | 0.003 | 289.962 | 3.848 | 1215.488 | 1264.384 | 0.0 | -95.671 | -92.127 | 0.0 |
| 46 | 14826 | 14827 | NS | 1 | 57.507 | 58.139 | 0.0 | 0.0 | 296.702 | 3.55 | 1211.36 | 1262.32 | 0.0 | -93.195 | -92.088 | 0.0 |
| 47 | 14827 | 14828 | NS | 1 | 57.492 | 58.147 | 0.0 | 0.0 | 296.751 | 3.664 | 1210.864 | 1262.76 | 0.0 | -93.138 | -92.086 | 0.0 |
| 48 | 14827 | 14828 | SN | 2 | 57.4 | 58.242 | 0.0 | 0.0 | 299.795 | 3.751 | 1215.0 | 1264.472 | 0.0 | -95.095 | -92.133 | 0.0 |
| 49 | 14827 | 14828 | SN | 1 | 57.4 | 58.241 | 0.0 | 0.0 | 299.801 | 3.748 | 1214.992 | 1264.456 | 0.0 | -95.095 | -92.133 | 0.0 |
| 50 | 14827 | 14828 | NS | 1 | 57.499 | 58.139 | 0.0 | 0.003 | 296.751 | 3.097 | 1210.864 | 1260.976 | 0.0 | -93.181 | -92.086 | 0.0 |
| 51 | 14827 | 14828 | NS | 1 | 57.499 | 58.139 | 0.0 | 0.0 | 296.751 | 3.668 | 1210.864 | 1262.76 | 0.0 | -93.181 | -92.086 | 0.0 |
| 52 | 14828 | 14829 | SN | 1 | 57.384 | 58.232 | 0.0 | 0.003 | 299.784 | 3.699 | 1214.552 | 1264.576 | 0.0 | -93.121 | -92.156 | 0.0 |
| 53 | 14828 | 14829 | NS | 1 | 57.489 | 58.13 | 0.0 | 0.0 | 299.613 | 2.726 | 1211.448 | 1260.576 | 0.0 | -93.16 | -92.084 | 0.0 |
| 54 | 14828 | 14829 | NS | 1 | 57.489 | 58.13 | 0.0 | 0.0 | 299.613 | 3.791 | 1211.448 | 1262.872 | 0.0 | -93.131 | -92.084 | 0.0 |
| 55 | 14828 | 14829 | SN | 1 | 57.384 | 58.232 | 0.0 | 0.003 | 299.784 | 3.695 | 1214.552 | 1264.576 | 0.0 | -93.121 | -92.156 | 0.0 |
| 56 | 14829 | 14830 | SN | 1 | 57.371 | 58.234 | 0.0 | 0.0 | 298.428 | 3.781 | 1214.184 | 1264.688 | 0.0 | -93.287 | -92.162 | 0.0 |
| 57 | 14829 | 14830 | SN | 1 | 57.371 | 58.234 | 0.0 | 0.0 | 282.704 | 2.52 | 1214.184 | 1264.688 | 0.0 | -93.094 | -92.162 | 0.0 |
| 58 | 14829 | 14830 | SN | 1 | 57.371 | 58.259 | 0.0 | 0.0 | 298.428 | 3.795 | 1214.184 | 1264.688 | 0.0 | -93.072 | -92.162 | 0.0 |
| 59 | 14829 | 14830 | NS | 1 | 57.482 | 58.134 | 0.0 | 0.0 | 298.61 | 2.077 | 1210.496 | 1258.44 | 0.0 | -93.163 | -92.082 | 0.0 |
| 60 | 14829 | 14830 | NS | 2 | 57.482 | 58.136 | 0.0 | 0.0 | 298.61 | 3.721 | 1210.496 | 1262.912 | 0.0 | -93.086 | -92.082 | 0.0 |
| 61 | 14829 | 14830 | NS | 1 | 57.482 | 58.136 | 0.0 | 0.0 | 298.621 | 3.724 | 1210.496 | 1262.904 | 0.0 | -93.175 | -92.082 | 0.0 |
| 62 | 14830 | 14831 | SN | 1 | 57.387 | 58.246 | 0.0 | 0.0 | 298.494 | 3.945 | 1214.544 | 1264.64 | 0.0 | -93.302 | -92.138 | 0.0 |
| 63 | 14830 | 14831 | NS | 2 | 57.48 | 58.139 | 0.0 | 0.0 | 298.902 | 3.863 | 1211.232 | 1262.84 | 0.0 | -93.24 | -92.082 | 0.0 |
| 64 | 14830 | 14831 | NS | 1 | 57.48 | 58.139 | 0.0 | 0.0 | 298.935 | 3.865 | 1211.44 | 1262.832 | 0.0 | -93.24 | -92.082 | 0.0 |
| 65 | 14830 | 14831 | SN | 1 | 57.387 | 58.237 | 0.0 | 0.0 | 298.494 | 3.932 | 1214.544 | 1264.64 | 0.0 | -93.152 | -92.138 | 0.0 |
| 66 | 14830 | 14831 | SN | 1 | 57.387 | 58.237 | 0.0 | 0.003 | 298.494 | 3.201 | 1214.544 | 1264.64 | 0.0 | -93.152 | -92.138 | 0.0 |
| 67 | 14831 | 14832 | NS | 1 | 57.506 | 58.118 | 0.0 | 0.003 | 296.724 | 3.671 | 1210.888 | 1262.832 | 0.0 | -93.113 | -92.071 | 0.0 |
| 68 | 14831 | 14832 | SN | 1 | 57.376 | 58.258 | 0.0 | 0.0 | 293.315 | 3.838 | 1214.064 | 1264.568 | 0.0 | -93.211 | -92.128 | 0.0 |
| 69 | 14831 | 14832 | NS | 1 | 57.506 | 58.118 | 0.0 | 0.003 | 296.724 | 3.667 | 1211.184 | 1262.832 | 0.0 | -93.113 | -92.071 | 0.0 |
| 70 | 14831 | 14832 | SN | 1 | 57.376 | 58.258 | 0.0 | 0.0 | 293.315 | 3.442 | 1214.064 | 1264.568 | 0.0 | -93.211 | -92.128 | 0.0 |
| 71 | 14831 | 14832 | SN | 2 | 57.376 | 58.258 | 0.0 | 0.0 | 293.315 | 3.838 | 1214.064 | 1264.568 | 0.0 | -93.211 | -92.128 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-------|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 72 | 14832 | 14833 | SN | 1 | 57.361 | 58.261 | 0.0 | 0.003 | 299.911 | 3.291 | 1213.36 | 1264.72 | 0.0 | -93.216 | -92.159 | 0.0 |
| 73 | 14832 | 14833 | SN | 1 | 57.361 | 58.261 | 0.0 | 0.0 | 299.9 | 3.672 | 1213.36 | 1264.72 | 0.0 | -93.216 | -92.159 | 0.0 |
| 74 | 14832 | 14833 | SN | 2 | 57.361 | 58.262 | 0.0 | 0.003 | 299.928 | 3.29 | 1213.36 | 1264.744 | 0.0 | -93.216 | -92.159 | 0.0 |
| 75 | 14832 | 14833 | NS | 1 | 57.521 | 58.118 | 0.0 | 0.0 | 288.721 | 3.631 | 1211.552 | 1263.064 | 0.0 | -93.098 | -92.044 | 0.0 |
| 76 | 14832 | 14833 | NS | 1 | 57.521 | 58.118 | 0.0 | 0.0 | 288.721 | 3.628 | 1211.552 | 1263.064 | 0.0 | -93.075 | -92.044 | 0.0 |
| 77 | 14833 | 14834 | SN | 1 | 57.349 | 58.236 | 0.0 | 0.0 | 298.152 | 3.65 | 1212.8 | 1264.688 | 0.0 | -93.176 | -92.153 | 0.0 |
| 78 | 14833 | 14834 | SN | 1 | 57.349 | 58.236 | 0.0 | 0.003 | 286.449 | 3.254 | 1212.8 | 1264.688 | 0.0 | -93.176 | -92.153 | 0.0 |
| 79 | 14833 | 14834 | SN | 1 | 57.349 | 58.236 | 0.0 | 0.0 | 298.152 | 3.647 | 1212.8 | 1264.688 | 0.0 | -93.176 | -92.153 | 0.0 |
| 80 | 14833 | 14834 | NS | 1 | 57.522 | 58.118 | 0.0 | 0.0 | 291.17 | 3.706 | 1211.536 | 1263.024 | 0.0 | -93.152 | -92.089 | 0.0 |
| 81 | 14834 | 14835 | NS | 2 | 57.501 | 58.142 | 0.0 | 0.0 | 297.976 | 3.905 | 1212.008 | 1262.88 | 0.0 | -93.136 | -92.053 | 0.0 |
| 82 | 14834 | 14835 | NS | 1 | 57.501 | 58.237 | 0.0 | 0.0 | 297.976 | 3.905 | 1212.008 | 1262.88 | 0.0 | -94.666 | -92.053 | 0.0 |
| 83 | 14834 | 14835 | SN | 1 | 57.346 | 58.254 | 0.0 | 0.0 | 297.336 | 3.667 | 1212.632 | 1264.528 | 0.0 | -93.178 | -92.153 | 0.0 |
| 84 | 14835 | 14836 | SN | 1 | 57.334 | 58.248 | 0.0 | 0.0 | 282.258 | 3.658 | 1212.28 | 1264.424 | 0.0 | -93.481 | -92.154 | 0.0 |
| 85 | 14835 | 14836 | SN | 1 | 57.334 | 58.248 | 0.0 | 0.0 | 282.258 | 3.47 | 1212.28 | 1264.424 | 0.0 | -93.481 | -92.154 | 0.0 |
| 86 | 14835 | 14836 | NS | 1 | 57.522 | 58.132 | 0.0 | 0.0 | 297.975 | 3.777 | 1211.944 | 1262.736 | 0.0 | -93.107 | -92.074 | 0.0 |
| 87 | 14836 | 14837 | SN | 1 | 57.327 | 58.273 | 0.0 | 0.0 | 297.258 | 3.76 | 1212.136 | 1264.384 | 0.0 | -95.712 | -92.145 | 0.0 |
| 88 | 14836 | 14837 | NS | 2 | 57.511 | 58.141 | 0.0 | 0.0 | 299.382 | 3.74 | 1211.2 | 1262.704 | 0.0 | -93.156 | -92.088 | 0.0 |
| 89 | 14836 | 14837 | SN | 1 | 57.327 | 58.273 | 0.0 | 0.0 | 297.258 | 2.867 | 1212.136 | 1264.384 | 0.0 | -93.173 | -92.145 | 0.0 |
| 90 | 14836 | 14837 | NS | 1 | 57.511 | 58.141 | 0.0 | 0.0 | 299.382 | 3.74 | 1211.2 | 1262.704 | 0.0 | -93.156 | -92.088 | 0.0 |
| 91 | 14837 | 14838 | SN | 2 | 57.329 | 58.253 | 0.0 | 0.0 | 290.58 | 3.888 | 1212.264 | 1264.64 | 0.0 | -95.207 | -92.142 | 0.0 |
| 92 | 14837 | 14838 | SN | 1 | 57.329 | 58.249 | 0.0 | 0.003 | 290.58 | 2.915 | 1212.264 | 1264.64 | 0.0 | -93.23 | -92.142 | 0.0 |
| 93 | 14837 | 14838 | NS | 1 | 57.485 | 58.14 | 0.0 | 0.0 | 286.626 | 3.657 | 1210.512 | 1262.896 | 0.0 | -93.176 | -92.085 | 0.0 |
| 94 | 14837 | 14838 | NS | 1 | 57.485 | 58.14 | 0.0 | 0.0 | 286.626 | 3.66 | 1210.776 | 1262.896 | 0.0 | -93.189 | -92.085 | 0.0 |
| 95 | 14837 | 14838 | SN | 1 | 57.329 | 58.253 | 0.0 | 0.0 | 290.58 | 3.888 | 1212.264 | 1264.64 | 0.0 | -95.207 | -92.142 | 0.0 |
| 96 | 14838 | 14839 | SN | 1 | 57.308 | 58.34 | 0.0 | 0.0 | 298.582 | 3.759 | 1211.792 | 1264.896 | 0.0 | -96.038 | -92.105 | 0.0 |
| 97 | 14838 | 14839 | NS | 1 | 57.488 | 58.144 | 0.0 | 0.0 | 289.317 | 3.811 | 1211.456 | 1262.992 | 0.0 | -93.204 | -92.054 | 0.0 |
| 98 | 14838 | 14839 | NS | 1 | 57.488 | 58.144 | 0.0 | 0.0 | 289.317 | 3.807 | 1211.456 | 1262.992 | 0.0 | -93.151 | -92.054 | 0.0 |
| 99 | 14839 | 14840 | SN | 1 | 57.285 | 58.282 | 0.024 | 0.0 | 296.762 | 3.682 | 1211.088 | 1264.712 | 0.0 | -93.184 | -92.158 | 0.0 |
| 100 | 14839 | 14840 | NS | 1 | 57.49 | 58.144 | 0.0 | 0.0 | 292.466 | 3.852 | 1210.832 | 1262.928 | 0.0 | -93.139 | -92.058 | 0.0 |
| 101 | 14839 | 14840 | NS | 1 | 57.487 | 58.125 | 0.0 | 0.0 | 292.466 | 3.856 | 1210.896 | 1262.928 | 0.0 | -93.074 | -92.058 | 0.0 |
| 102 | 14840 | 14841 | SN | 1 | 57.305 | 58.257 | 0.0 | 0.0 | 296.939 | 3.841 | 1211.368 | 1264.64 | 0.0 | -95.65 | -92.133 | 0.0 |
| 103 | 14840 | 14841 | NS | 1 | 57.504 | 58.141 | 0.0 | 0.0 | 297.126 | 3.828 | 1211.008 | 1262.808 | 0.0 | -93.182 | -92.086 | 0.0 |
| 104 | 14841 | 14842 | NS | 1 | 57.487 | 58.432 | 0.0 | 0.0 | 299.966 | 3.668 | 1210.536 | 1262.88 | 0.0 | -95.854 | -92.085 | 0.0 |
| 105 | 14841 | 14842 | SN | 1 | 57.282 | 58.277 | 0.026 | 0.0 | 299.702 | 3.796 | 1210.64 | 1264.688 | 0.0 | -93.196 | -92.14 | 0.0 |
| 106 | 14841 | 14842 | NS | 1 | 57.487 | 58.432 | 0.0 | 0.0 | 299.972 | 3.67 | 1210.688 | 1262.904 | 0.0 | -95.854 | -92.085 | 0.0 |
| 107 | 14842 | 14843 | SN | 1 | 57.263 | 58.296 | 0.056 | 0.0 | 296.663 | 3.726 | 1210.136 | 1264.728 | 0.0 | -93.167 | -92.152 | 0.0 |
| 108 | 14842 | 14843 | NS | 1 | 57.493 | 58.137 | 0.0 | 0.0 | 299.288 | 3.698 | 1211.032 | 1262.968 | 0.0 | -93.069 | -92.083 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 109 | 14843 | 14844 | NS | 1 | 57.479 | 58.139 | 0.0 | 0.003 | 280.675 | 2.303 | 1210.472 | 1259.864 | 0.0 | -93.168 | -92.081 | 0.0 |
| 110 | 14843 | 14844 | NS | 1 | 57.479 | 58.139 | 0.0 | 0.0 | 287.243 | 3.689 | 1210.472 | 1263.064 | 0.0 | -93.17 | -92.081 | 0.0 |
| 111 | 14844 | 14845 | NS | 1 | 57.478 | 58.139 | 0.0 | 0.0 | 290.701 | 3.841 | 1210.0 | 1261.24 | 0.0 | -93.049 | -92.058 | 0.0 |

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

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


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|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 107 | 14842 | 14843 | SN | 1 | -34.724 | 18.778 | 0.0 | -34.586 | 17.769 | 0.0 | -24.902 | 23.241 | 0.11 | -33.591 | 22.795 | 0.07 | 0.086 | 219.839 | 3.537 | 0.086 | 213.002 | 3.104 | 0.086 | 22.958 | 0.097 | 0.086 | 169.409 | 0.106 |
| 108 | 14842 | 14843 | NS | 1 | -34.543 | 19.056 | 0.0 | -34.236 | 19.526 | 0.0 | -30.466 | 21.928 | 0.0 | -25.397 | 23.702 | 0.694 | 0.086 | 210.877 | 2.49 | 0.086 | 196.472 | 2.009 | 0.086 | 82.511 | 0.132 | 0.086 | 25.726 | 0.079 |
| 109 | 14843 | 14844 | NS | 1 | -34.77 | 19.199 | 0.0 | -34.515 | 18.484 | 0.0 | 4.406 | 20.79 | 0.0 | 3.066 | 23.174 | 0.386 | 0.086 | 222.16 | 3.898 | 0.086 | 214.841 | 3.552 | 0.086 | 0.107 | 0.0 | 0.086 | 0.115 | 0.0 |
| 110 | 14843 | 14844 | NS | 1 | -34.77 | 19.199 | 0.0 | -34.515 | 18.482 | 0.0 | 1.696 | 23.185 | 0.157 | 3.066 | 23.801 | 0.871 | 0.086 | 222.16 | 3.857 | 0.086 | 214.841 | 3.551 | 0.086 | 0.127 | 0.0 | 0.086 | 0.115 | 0.0 |
| 111 | 14844 | 14845 | NS | 1 | -34.826 | 13.066 | 0.0 | -34.886 | 17.932 | 0.0 | 1.283 | 19.653 | 0.0 | 0.204 | 23.558 | 0.137 | 0.088 | 225.045 | 4.773 | 0.086 | 228.191 | 4.92 | 0.086 | 0.132 | 0.0 | 0.086 | 0.146 | 0.0 |

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

 Normal

 Deviations

 Alarming

 High Errors