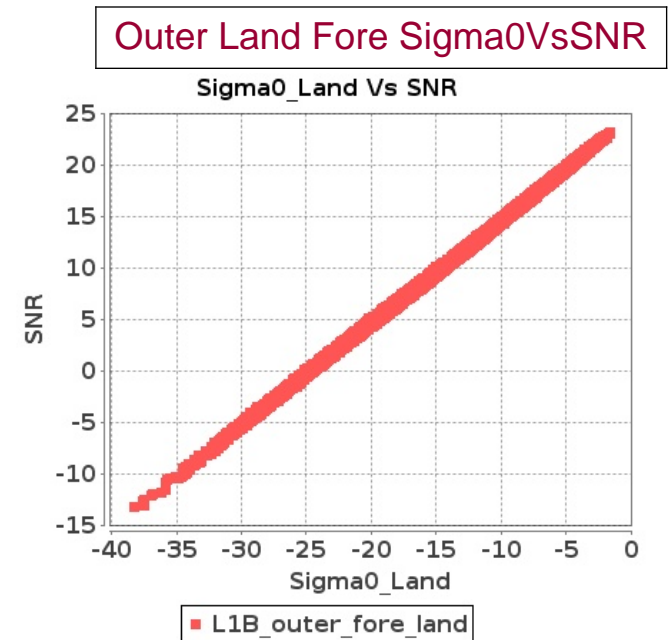
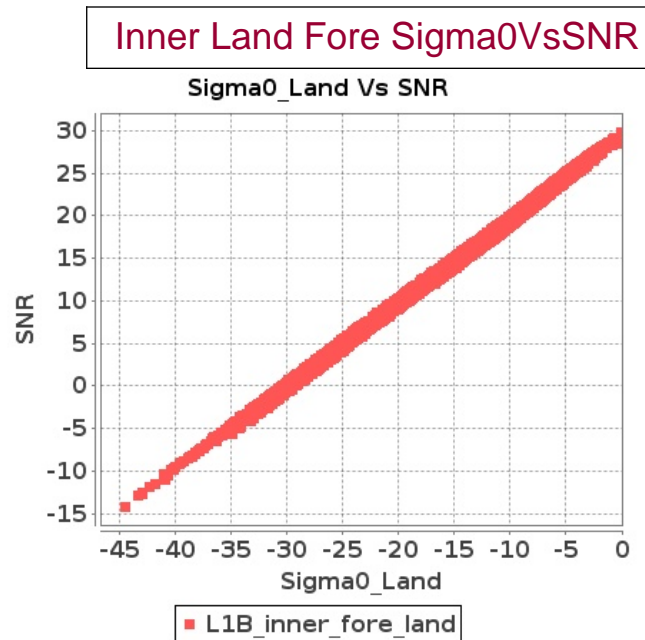
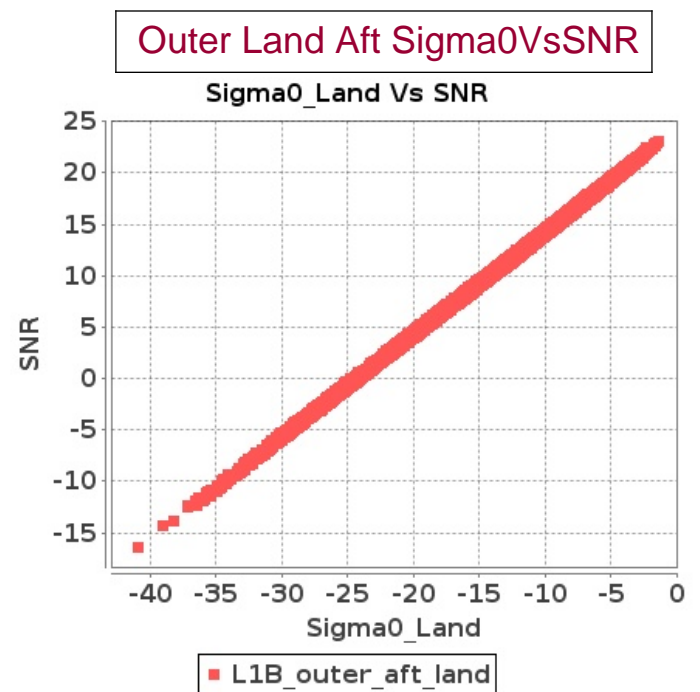
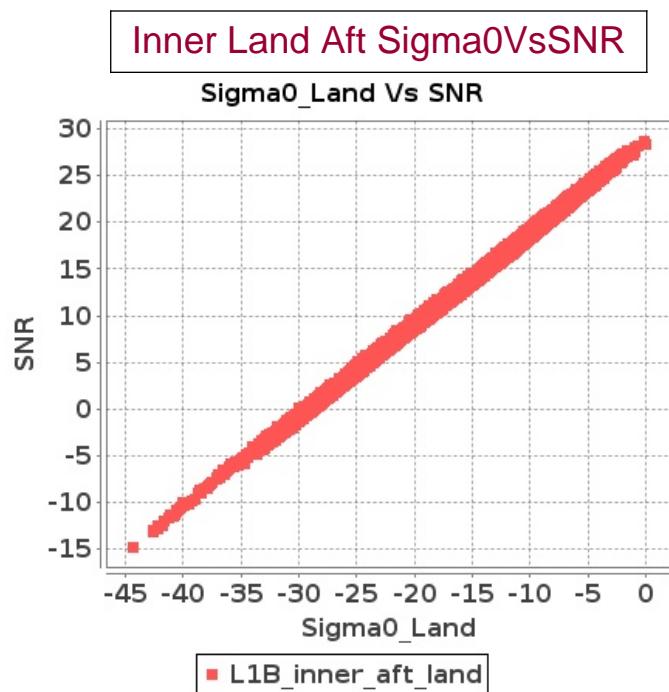
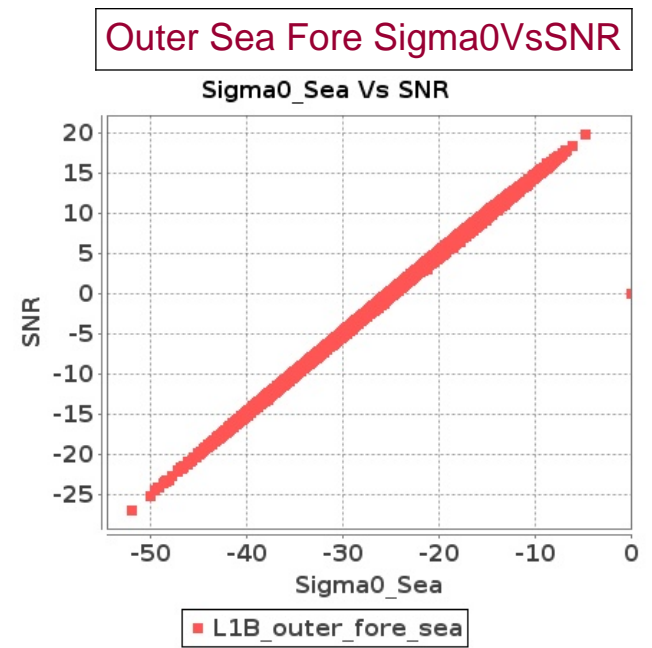
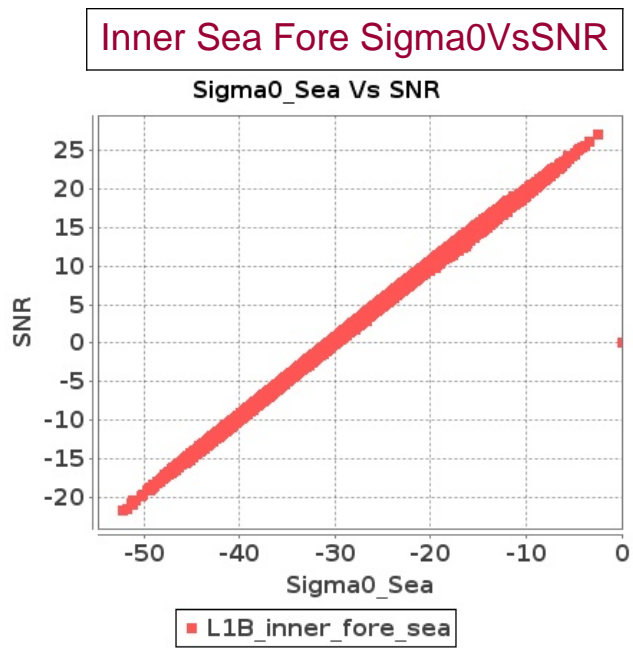
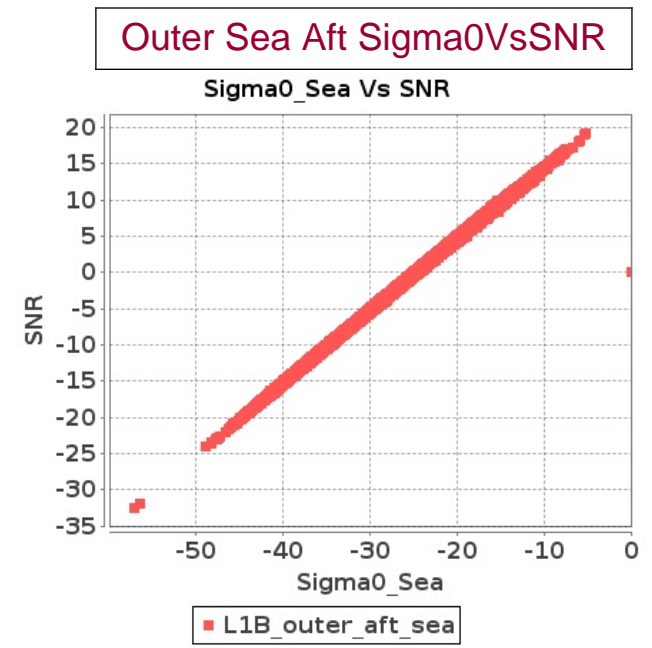
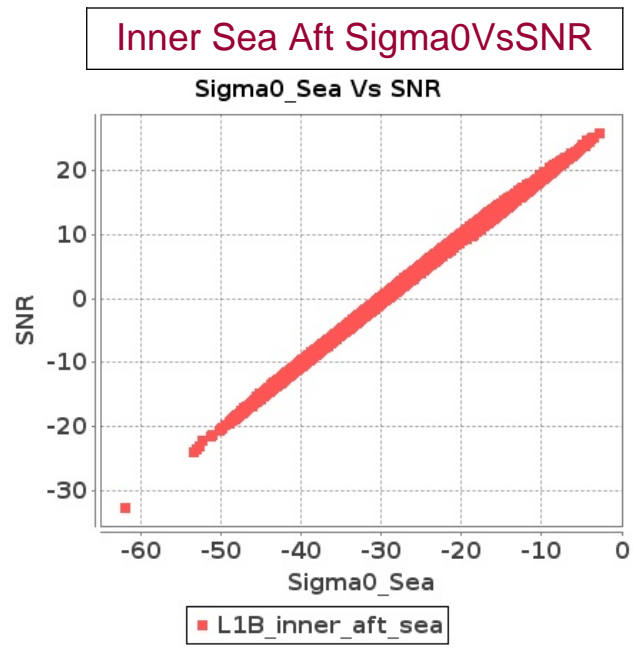
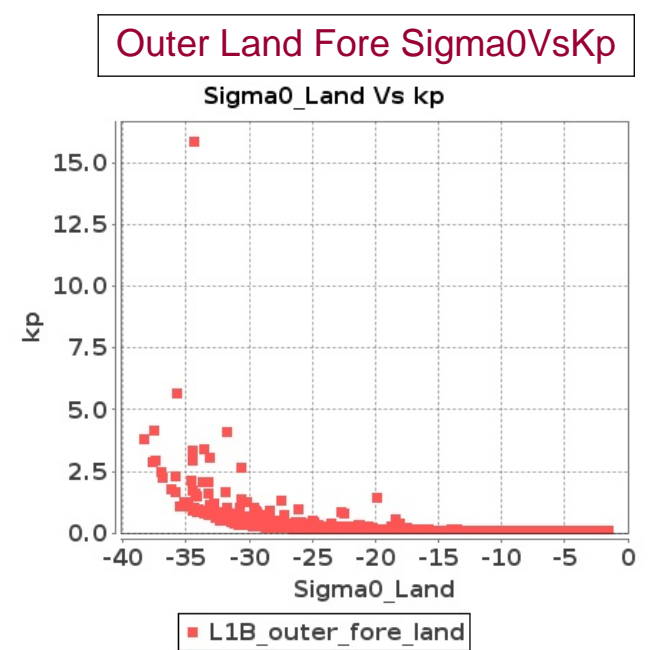
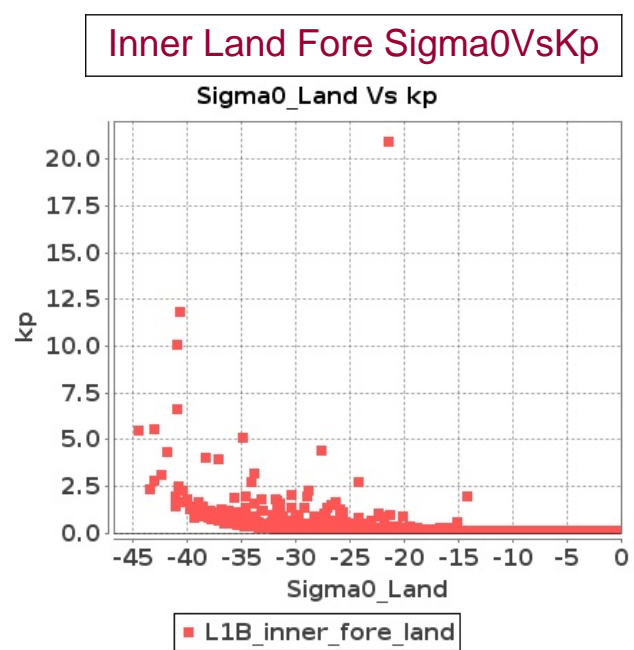
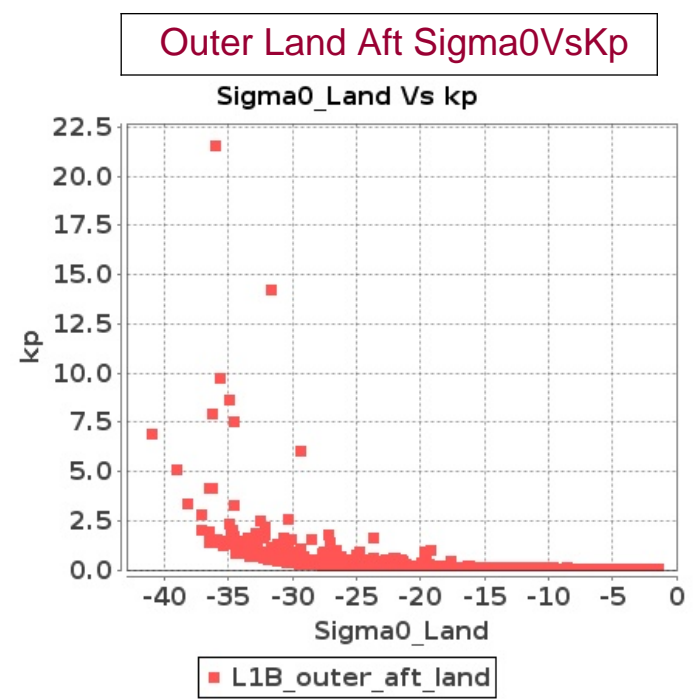
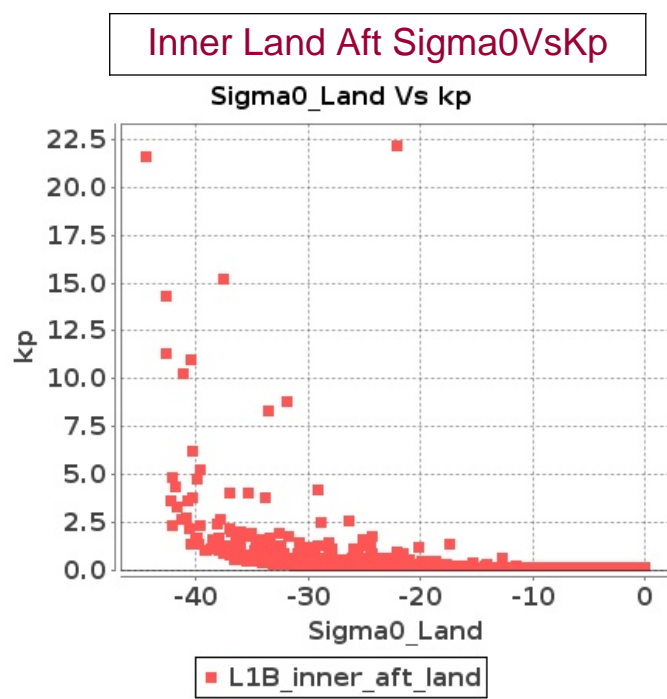
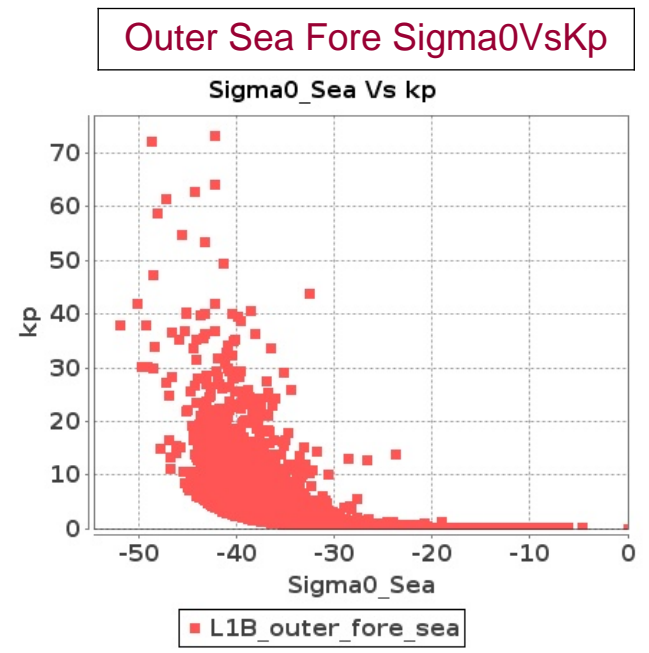
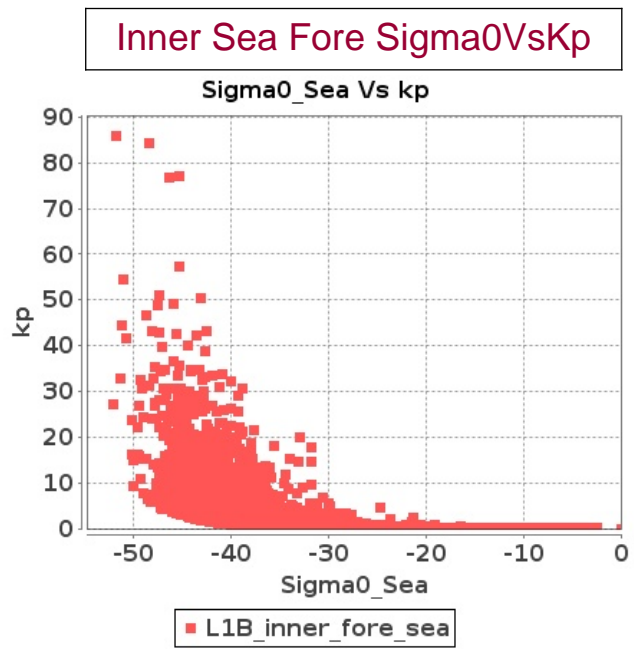
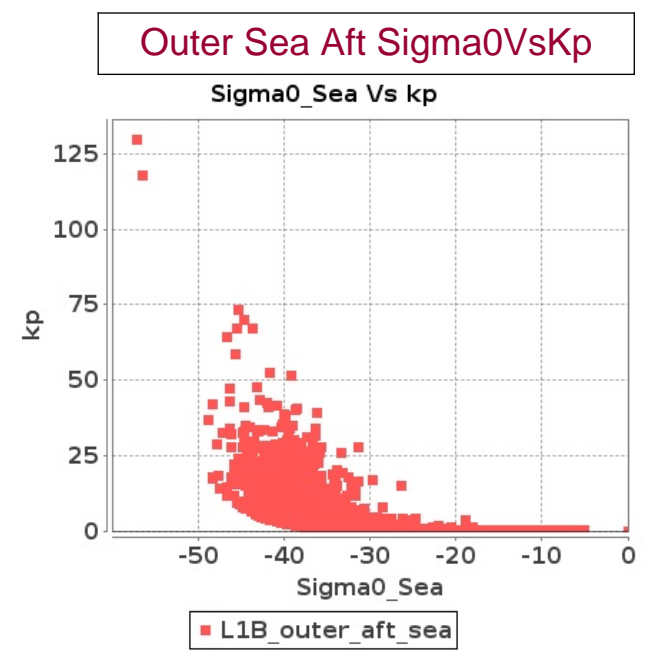
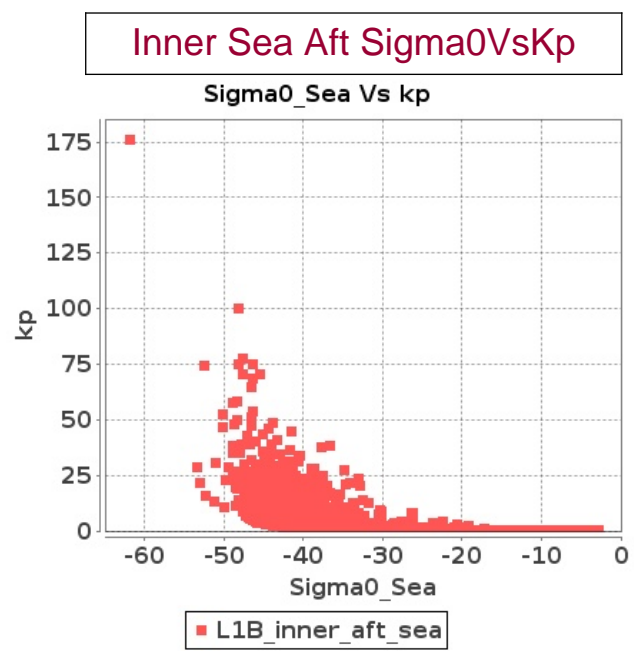


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 20-JUL-2019 To 21-JUL-2019





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

Report between 20-JUL-2019 To 21-JUL-2019

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| | | | | | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 14888 | 14889 | SN | 1 | 48.841 | 49.4 | 0.0 | 0.003 | 29.158 | 2.006 | 1041.08 | 1077.208 | 0.0 | -92.028 | -90.106 | 0.0 |
| 2 | 14888 | 14889 | SN | 2 | 48.841 | 49.4 | 0.0 | 0.0 | 174.373 | 2.784 | 1041.08 | 1077.208 | 0.0 | -92.028 | -90.106 | 0.0 |
| 3 | 14888 | 14889 | SN | 1 | 48.841 | 49.4 | 0.0 | 0.0 | 174.373 | 2.784 | 1041.08 | 1077.208 | 0.0 | -92.028 | -90.106 | 0.0 |
| 4 | 14889 | 14890 | SN | 2 | 48.838 | 49.399 | 0.0 | 0.003 | 6.375 | 2.622 | 1040.288 | 1077.168 | 0.0 | -91.644 | -90.09 | 0.0 |
| 5 | 14889 | 14890 | SN | 1 | 48.838 | 49.399 | 0.0 | 0.003 | 6.375 | 2.622 | 1040.288 | 1077.168 | 0.0 | -91.644 | -90.09 | 0.0 |
| 6 | 14889 | 14890 | NS | 1 | 48.736 | 49.307 | 0.0 | 0.003 | 264.77 | 2.53 | 1031.776 | 1076.024 | 0.0 | -91.75 | -90.023 | 0.0 |
| 7 | 14889 | 14890 | SN | 1 | 48.838 | 49.399 | 0.0 | 0.003 | 6.375 | 2.435 | 1040.288 | 1077.168 | 0.0 | -91.644 | -90.09 | 0.0 |
| 8 | 14889 | 14890 | NS | 1 | 48.736 | 49.307 | 0.0 | 0.003 | 264.77 | 2.527 | 1031.776 | 1076.024 | 0.0 | -91.75 | -90.023 | 0.0 |
| 9 | 14890 | 14891 | SN | 1 | 48.825 | 49.44 | 0.0 | 0.003 | 6.375 | 2.365 | 1040.784 | 1077.336 | 0.0 | -91.912 | -90.123 | 0.0 |
| 10 | 14890 | 14891 | NS | 1 | 48.737 | 49.339 | 0.0 | 0.003 | 264.825 | 2.567 | 1032.072 | 1076.224 | 0.0 | -91.715 | -89.997 | 0.0 |
| 11 | 14890 | 14891 | NS | 1 | 48.738 | 49.323 | 0.0 | 0.003 | 264.825 | 2.566 | 1032.072 | 1076.208 | 0.0 | -91.797 | -89.997 | 0.0 |
| 12 | 14890 | 14891 | SN | 1 | 48.825 | 49.44 | 0.0 | 0.003 | 6.375 | 2.524 | 1040.784 | 1077.336 | 0.0 | -91.912 | -90.123 | 0.0 |
| 13 | 14890 | 14891 | SN | 1 | 48.825 | 49.44 | 0.0 | 0.003 | 6.375 | 2.375 | 1040.784 | 1077.336 | 0.0 | -91.912 | -90.123 | 0.0 |
| 14 | 14891 | 14892 | SN | 1 | 48.812 | 49.399 | 0.0 | 0.003 | 6.37 | 2.298 | 1040.64 | 1077.28 | 0.0 | -91.681 | -90.121 | 0.0 |
| 15 | 14891 | 14892 | SN | 1 | 48.812 | 49.399 | 0.0 | 0.003 | 6.37 | 2.516 | 1040.64 | 1077.28 | 0.0 | -91.7 | -90.121 | 0.0 |
| 16 | 14891 | 14892 | NS | 1 | 48.691 | 49.307 | 0.0 | 0.003 | 210.304 | 2.527 | 1033.072 | 1076.168 | 0.0 | -91.616 | -90.041 | 0.0 |
| 17 | 14891 | 14892 | SN | 1 | 48.812 | 49.399 | 0.0 | 0.003 | 6.37 | 2.515 | 1040.64 | 1077.28 | 0.0 | -91.706 | -90.121 | 0.0 |
| 18 | 14891 | 14892 | NS | 1 | 48.712 | 49.317 | 0.0 | 0.003 | 210.304 | 2.529 | 1033.072 | 1076.168 | 0.0 | -91.73 | -90.041 | 0.0 |
| 19 | 14892 | 14893 | SN | 1 | 48.789 | 49.398 | 0.0 | 0.003 | 212.989 | 2.503 | 1039.8 | 1077.152 | 0.0 | -92.297 | -90.121 | 0.0 |
| 20 | 14892 | 14893 | SN | 1 | 48.789 | 49.398 | 0.0 | 0.003 | 212.989 | 2.142 | 1039.992 | 1077.152 | 0.0 | -91.695 | -90.121 | 0.0 |
| 21 | 14892 | 14893 | NS | 1 | 48.738 | 49.313 | 0.0 | 0.003 | 17.692 | 2.673 | 1033.112 | 1076.056 | 0.0 | -91.744 | -90.007 | 0.0 |
| 22 | 14892 | 14893 | NS | 2 | 48.738 | 49.308 | 0.0 | 0.003 | 17.692 | 2.673 | 1033.112 | 1076.056 | 0.0 | -91.744 | -90.007 | 0.0 |
| 23 | 14892 | 14893 | SN | 1 | 48.789 | 49.398 | 0.0 | 0.003 | 212.989 | 2.505 | 1039.992 | 1077.152 | 0.0 | -92.297 | -90.121 | 0.0 |
| 24 | 14893 | 14894 | SN | 1 | 48.786 | 49.453 | 0.0 | 0.003 | 6.364 | 2.523 | 1039.864 | 1077.088 | 0.0 | -91.873 | -90.122 | 0.0 |
| 25 | 14893 | 14894 | SN | 1 | 48.786 | 49.453 | 0.0 | 0.003 | 6.364 | 1.957 | 1039.864 | 1077.088 | 0.0 | -91.873 | -90.122 | 0.0 |
| 26 | 14893 | 14894 | NS | 2 | 48.677 | 49.344 | 0.0 | 0.003 | 266.044 | 2.612 | 1033.072 | 1075.968 | 0.0 | -91.936 | -90.029 | 0.0 |
| 27 | 14893 | 14894 | NS | 1 | 48.677 | 49.344 | 0.0 | 0.003 | 266.044 | 2.612 | 1033.072 | 1075.968 | 0.0 | -92.313 | -90.029 | 0.0 |
| 28 | 14893 | 14894 | SN | 1 | 48.793 | 49.448 | 0.0 | 0.003 | 6.364 | 2.522 | 1039.936 | 1077.088 | 0.0 | -92.026 | -90.122 | 0.0 |
| 29 | 14894 | 14895 | NS | 1 | 48.693 | 49.359 | 0.0 | 0.003 | 264.681 | 2.622 | 1031.896 | 1075.92 | 0.0 | -91.763 | -90.039 | 0.0 |
| 30 | 14894 | 14895 | SN | 1 | 48.81 | 49.456 | 0.0 | 0.003 | 215.46 | 2.238 | 1040.016 | 1077.072 | 0.0 | -92.525 | -90.123 | 0.0 |
| 31 | 14894 | 14895 | NS | 1 | 48.694 | 49.358 | 0.0 | 0.003 | 264.681 | 2.62 | 1031.928 | 1075.904 | 0.0 | -91.762 | -90.039 | 0.0 |
| 32 | 14894 | 14895 | SN | 2 | 48.81 | 49.456 | 0.0 | 0.003 | 215.46 | 2.626 | 1040.016 | 1077.072 | 0.0 | -92.525 | -90.123 | 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 | 14894 | 14895 | SN | 1 | 48.81 | 49.456 | 0.0 | 0.003 | 215.46 | 2.626 | 1040.016 | 1077.072 | 0.0 | -92.525 | -90.123 | 0.0 |
| 34 | 14895 | 14896 | NS | 1 | 48.701 | 49.34 | 0.0 | 0.003 | 40.494 | 2.558 | 1031.728 | 1076.064 | 0.0 | -91.784 | -90.037 | 0.0 |
| 35 | 14895 | 14896 | SN | 2 | 48.818 | 49.413 | 0.0 | 0.003 | 280.46 | 2.677 | 1040.8 | 1077.232 | 0.0 | -92.622 | -90.111 | 0.0 |
| 36 | 14895 | 14896 | NS | 1 | 48.701 | 49.34 | 0.0 | 0.003 | 40.494 | 2.563 | 1031.728 | 1076.064 | 0.0 | -91.838 | -90.037 | 0.0 |
| 37 | 14895 | 14896 | SN | 1 | 48.818 | 49.413 | 0.0 | 0.003 | 280.46 | 1.573 | 1040.8 | 1077.232 | 0.0 | -91.821 | -90.111 | 0.0 |
| 38 | 14895 | 14896 | SN | 1 | 48.818 | 49.413 | 0.0 | 0.003 | 280.46 | 2.678 | 1040.8 | 1077.232 | 0.0 | -92.622 | -90.111 | 0.0 |
| 39 | 14896 | 14897 | NS | 1 | 48.688 | 49.348 | 0.0 | 0.0 | 267.329 | 2.776 | 1032.688 | 1076.144 | 0.0 | -91.694 | -90.013 | 0.0 |
| 40 | 14896 | 14897 | SN | 1 | 48.852 | 49.453 | 0.0 | 0.003 | 6.37 | 2.578 | 1041.12 | 1077.352 | 0.0 | -91.906 | -90.084 | 0.0 |
| 41 | 14896 | 14897 | NS | 1 | 48.672 | 49.357 | 0.0 | 0.0 | 267.329 | 2.763 | 1032.688 | 1076.136 | 0.0 | -91.701 | -90.013 | 0.0 |
| 42 | 14896 | 14897 | SN | 2 | 48.852 | 49.453 | 0.0 | 0.003 | 6.37 | 2.578 | 1041.12 | 1077.352 | 0.0 | -91.906 | -90.084 | 0.0 |
| 43 | 14897 | 14898 | SN | 1 | 48.787 | 49.436 | 0.0 | 0.003 | 6.375 | 2.557 | 1041.104 | 1077.312 | 0.0 | -91.783 | -90.125 | 0.0 |
| 44 | 14897 | 14898 | NS | 1 | 48.709 | 49.332 | 0.0 | 0.003 | 207.21 | 2.658 | 1031.784 | 1076.088 | 0.0 | -91.73 | -90.011 | 0.0 |
| 45 | 14897 | 14898 | NS | 2 | 48.694 | 49.332 | 0.0 | 0.003 | 207.21 | 2.658 | 1031.792 | 1076.088 | 0.0 | -91.73 | -90.011 | 0.0 |
| 46 | 14898 | 14899 | SN | 1 | 48.812 | 49.4 | 0.0 | 0.003 | 215.206 | 2.621 | 1041.096 | 1077.256 | 0.0 | -91.771 | -90.101 | 0.0 |
| 47 | 14898 | 14899 | NS | 1 | 48.695 | 49.364 | 0.0 | 0.003 | 18.089 | 2.691 | 1032.6 | 1076.072 | 0.0 | -91.807 | -90.037 | 0.0 |
| 48 | 14899 | 14900 | SN | 1 | 48.822 | 49.4 | 0.0 | 0.003 | 6.37 | 2.589 | 1041.04 | 1077.312 | 0.0 | -91.793 | -90.103 | 0.0 |
| 49 | 14899 | 14900 | NS | 1 | 48.686 | 49.365 | 0.0 | 0.003 | 267.13 | 2.38 | 1031.648 | 1075.416 | 0.0 | -91.844 | -90.036 | 0.0 |
| 50 | 14899 | 14900 | SN | 1 | 48.852 | 49.4 | 0.0 | 0.003 | 6.37 | 2.591 | 1041.04 | 1077.312 | 0.0 | -91.769 | -90.103 | 0.0 |
| 51 | 14899 | 14900 | NS | 1 | 48.686 | 49.365 | 0.0 | 0.003 | 267.13 | 2.589 | 1031.648 | 1076.12 | 0.0 | -91.844 | -90.036 | 0.0 |
| 52 | 14900 | 14901 | SN | 1 | 48.797 | 49.401 | 0.0 | 0.003 | 6.37 | 2.583 | 1041.072 | 1077.344 | 0.0 | -91.726 | -90.122 | 0.0 |
| 53 | 14900 | 14901 | NS | 1 | 48.676 | 49.337 | 0.0 | 0.003 | 267.262 | 2.65 | 1031.512 | 1076.144 | 0.0 | -92.384 | -90.034 | 0.0 |
| 54 | 14900 | 14901 | NS | 1 | 48.676 | 49.337 | 0.0 | 0.003 | 267.262 | 1.996 | 1031.512 | 1074.256 | 0.0 | -92.384 | -90.034 | 0.0 |
| 55 | 14900 | 14901 | NS | 2 | 48.676 | 49.337 | 0.0 | 0.003 | 267.262 | 2.65 | 1031.512 | 1076.144 | 0.0 | -92.384 | -90.034 | 0.0 |
| 56 | 14900 | 14901 | SN | 1 | 48.797 | 49.401 | 0.0 | 0.003 | 6.37 | 2.586 | 1041.072 | 1077.344 | 0.0 | -91.694 | -90.122 | 0.0 |
| 57 | 14901 | 14902 | NS | 1 | 48.673 | 49.346 | 0.0 | 0.003 | 13.352 | 2.567 | 1031.32 | 1076.288 | 0.0 | -91.737 | -90.032 | 0.0 |
| 58 | 14901 | 14902 | SN | 2 | 48.824 | 49.402 | 0.0 | 0.003 | 6.375 | 2.575 | 1040.704 | 1077.464 | 0.0 | -91.774 | -90.127 | 0.0 |
| 59 | 14901 | 14902 | SN | 1 | 48.824 | 49.402 | 0.0 | 0.003 | 6.37 | 2.574 | 1040.704 | 1077.464 | 0.0 | -91.774 | -90.127 | 0.0 |
| 60 | 14901 | 14902 | NS | 1 | 48.673 | 49.346 | 0.0 | 0.003 | 13.352 | 2.564 | 1031.32 | 1076.288 | 0.0 | -92.502 | -90.032 | 0.0 |
| 61 | 14901 | 14902 | NS | 1 | 48.673 | 49.346 | 0.0 | 0.003 | 13.352 | 1.475 | 1031.32 | 1072.856 | 0.0 | -91.74 | -90.032 | 0.0 |
| 62 | 14902 | 14903 | SN | 1 | 48.831 | 49.524 | 0.0 | 0.0 | 23.34 | 2.719 | 1040.768 | 1077.528 | 0.0 | -94.5 | -90.13 | 0.0 |
| 63 | 14902 | 14903 | SN | 1 | 48.827 | 49.403 | 0.0 | 0.003 | 6.37 | 1.68 | 1040.768 | 1077.528 | 0.0 | -91.699 | -90.13 | 0.0 |
| 64 | 14902 | 14903 | NS | 1 | 48.68 | 49.322 | 0.0 | 0.003 | 267.373 | 2.617 | 1031.552 | 1076.344 | 0.0 | -91.749 | -90.011 | 0.0 |
| 65 | 14902 | 14903 | NS | 1 | 48.689 | 49.339 | 0.0 | 0.003 | 267.373 | 2.615 | 1031.736 | 1076.344 | 0.0 | -91.846 | -90.011 | 0.0 |
| 66 | 14902 | 14903 | SN | 1 | 48.827 | 49.524 | 0.0 | 0.0 | 23.34 | 2.721 | 1040.768 | 1077.528 | 0.0 | -94.5 | -90.13 | 0.0 |
| 67 | 14902 | 14903 | NS | 1 | 48.68 | 49.325 | 0.0 | 0.003 | 18.541 | 1.62 | 1031.552 | 1069.472 | 0.0 | -91.631 | -90.011 | 0.0 |
| 68 | 14903 | 14904 | SN | 1 | 48.788 | 49.46 | 0.0 | 0.003 | 214.71 | 2.726 | 1041.216 | 1077.352 | 0.0 | -91.81 | -90.082 | 0.0 |
| 69 | 14903 | 14904 | SN | 1 | 48.788 | 49.46 | 0.0 | 0.003 | 214.71 | 2.436 | 1041.216 | 1077.352 | 0.0 | -91.81 | -90.082 | 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 | 14903 | 14904 | NS | 1 | 48.686 | 49.305 | 0.0 | 0.003 | 208.009 | 2.642 | 1031.448 | 1076.184 | 0.0 | -91.58 | -90.018 | 0.0 |
| 71 | 14903 | 14904 | SN | 1 | 48.788 | 49.46 | 0.0 | 0.003 | 214.71 | 2.728 | 1041.216 | 1077.352 | 0.0 | -91.81 | -90.082 | 0.0 |
| 72 | 14903 | 14904 | NS | 1 | 48.7 | 49.305 | 0.0 | 0.003 | 208.009 | 2.654 | 1031.448 | 1076.184 | 0.0 | -91.57 | -90.018 | 0.0 |
| 73 | 14904 | 14905 | SN | 1 | 48.799 | 49.401 | 0.0 | 0.003 | 6.392 | 2.39 | 1040.656 | 1077.544 | 0.0 | -91.82 | -90.108 | 0.0 |
| 74 | 14904 | 14905 | SN | 1 | 48.799 | 49.401 | 0.0 | 0.003 | 6.392 | 2.533 | 1040.44 | 1077.544 | 0.0 | -91.82 | -90.108 | 0.0 |
| 75 | 14904 | 14905 | SN | 1 | 48.799 | 49.401 | 0.0 | 0.003 | 6.392 | 2.388 | 1040.44 | 1077.544 | 0.0 | -91.82 | -90.108 | 0.0 |
| 76 | 14904 | 14905 | NS | 1 | 48.734 | 49.339 | 0.0 | 0.003 | 18.117 | 2.564 | 1032.584 | 1076.408 | 0.0 | -91.757 | -90.013 | 0.0 |
| 77 | 14904 | 14905 | NS | 2 | 48.735 | 49.34 | 0.0 | 0.003 | 18.111 | 2.566 | 1032.592 | 1076.4 | 0.0 | -91.757 | -90.013 | 0.0 |
| 78 | 14905 | 14906 | SN | 1 | 48.793 | 49.456 | 0.0 | 0.003 | 280.46 | 2.316 | 1040.216 | 1077.576 | 0.0 | -92.264 | -90.124 | 0.0 |
| 79 | 14905 | 14906 | NS | 1 | 48.735 | 49.332 | 0.0 | 0.003 | 206.812 | 2.506 | 1032.72 | 1076.488 | 0.0 | -91.818 | -90.026 | 0.0 |
| 80 | 14905 | 14906 | SN | 1 | 48.793 | 49.456 | 0.0 | 0.003 | 280.46 | 2.5 | 1040.216 | 1077.576 | 0.0 | -92.264 | -90.124 | 0.0 |
| 81 | 14905 | 14906 | SN | 1 | 48.808 | 49.436 | 0.0 | 0.003 | 280.46 | 2.497 | 1040.728 | 1077.576 | 0.0 | -92.264 | -90.124 | 0.0 |
| 82 | 14906 | 14907 | NS | 1 | 48.483 | 49.605 | 0.0 | 0.0 | 247.0 | 6.125 | 1027.744 | 1076.384 | 0.0 | -94.598 | -90.016 | 0.0 |
| 83 | 14906 | 14907 | SN | 1 | 48.798 | 49.389 | 0.0 | 0.0 | 215.466 | 1.947 | 1039.736 | 1067.104 | 0.0 | -94.027 | -90.099 | 0.0 |
| 84 | 14906 | 14907 | SN | 1 | 48.798 | 49.389 | 0.0 | 0.0 | 215.466 | 1.496 | 1039.736 | 1067.104 | 0.0 | -94.027 | -90.099 | 0.0 |
| 85 | 14906 | 14907 | NS | 1 | 48.475 | 49.614 | 0.0 | 0.0 | 247.0 | 33.174 | 1027.608 | 1060.312 | 0.0 | -94.6 | -90.021 | 0.0 |
| 86 | 14906 | 14907 | SN | 1 | 48.79 | 49.404 | 0.0 | 0.0 | 215.466 | 2.659 | 1039.952 | 1077.496 | 0.0 | -94.027 | -90.099 | 0.0 |
| 87 | 14907 | 14908 | NS | 1 | 48.683 | 49.331 | 0.0 | 0.003 | 39.931 | 2.604 | 1032.776 | 1076.328 | 0.0 | -92.579 | -90.03 | 0.0 |
| 88 | 14907 | 14908 | NS | 1 | 48.684 | 49.33 | 0.0 | 0.003 | 209.498 | 2.603 | 1032.784 | 1076.32 | 0.0 | -91.752 | -90.03 | 0.0 |
| 89 | 14907 | 14908 | SN | 1 | 48.818 | 49.462 | 0.0 | 0.003 | 280.901 | 2.541 | 1039.952 | 1077.424 | 0.0 | -91.847 | -90.124 | 0.0 |
| 90 | 14907 | 14908 | SN | 2 | 48.818 | 49.462 | 0.0 | 0.003 | 280.901 | 2.541 | 1039.952 | 1077.424 | 0.0 | -91.847 | -90.124 | 0.0 |
| 91 | 14908 | 14909 | SN | 1 | 48.836 | 49.414 | 0.0 | 0.003 | 6.364 | 2.564 | 1040.368 | 1077.312 | 0.0 | -91.841 | -90.124 | 0.0 |
| 92 | 14908 | 14909 | NS | 2 | 48.682 | 49.336 | 0.0 | 0.003 | 267.384 | 2.647 | 1031.768 | 1076.2 | 0.0 | -91.766 | -90.032 | 0.0 |
| 93 | 14908 | 14909 | SN | 1 | 48.836 | 49.414 | 0.0 | 0.003 | 6.364 | 1.849 | 1040.368 | 1077.312 | 0.0 | -91.841 | -90.124 | 0.0 |
| 94 | 14908 | 14909 | NS | 1 | 48.681 | 49.326 | 0.0 | 0.003 | 267.384 | 2.646 | 1031.752 | 1076.216 | 0.0 | -92.024 | -90.032 | 0.0 |
| 95 | 14909 | 14910 | NS | 1 | 48.693 | 49.361 | 0.0 | 0.003 | 264.532 | 2.548 | 1031.464 | 1076.24 | 0.0 | -91.76 | -90.035 | 0.0 |
| 96 | 14909 | 14910 | SN | 1 | 48.81 | 49.421 | 0.0 | 0.003 | 6.37 | 2.651 | 1040.272 | 1077.36 | 0.0 | -91.879 | -90.103 | 0.0 |
| 97 | 14910 | 14911 | SN | 1 | 48.84 | 49.4 | 0.0 | 0.003 | 6.386 | 2.589 | 1040.424 | 1077.52 | 0.0 | -91.746 | -90.107 | 0.0 |
| 98 | 14910 | 14911 | NS | 1 | 48.676 | 49.361 | 0.0 | 0.0 | 264.069 | 2.747 | 1031.392 | 1076.352 | 0.0 | -91.727 | -90.03 | 0.0 |
| 99 | 14910 | 14911 | SN | 1 | 48.836 | 49.402 | 0.0 | 0.003 | 6.386 | 2.591 | 1040.408 | 1077.552 | 0.0 | -91.785 | -90.107 | 0.0 |
| 100 | 14910 | 14911 | NS | 2 | 48.674 | 49.362 | 0.0 | 0.0 | 209.035 | 2.749 | 1031.36 | 1076.384 | 0.0 | -91.727 | -90.03 | 0.0 |
| 101 | 14911 | 14912 | SN | 1 | 48.837 | 49.402 | 0.0 | 0.003 | 215.228 | 2.536 | 1041.312 | 1077.592 | 0.0 | -92.085 | -90.088 | 0.0 |
| 102 | 14911 | 14912 | NS | 1 | 48.685 | 49.356 | 0.0 | 0.003 | 267.384 | 2.658 | 1031.752 | 1076.416 | 0.0 | -91.747 | -90.023 | 0.0 |
| 103 | 14912 | 14913 | SN | 1 | 48.832 | 49.446 | 0.0 | 0.003 | 215.416 | 2.575 | 1041.216 | 1077.48 | 0.0 | -91.783 | -90.127 | 0.0 |
| 104 | 14912 | 14913 | NS | 1 | 48.72 | 49.333 | 0.0 | 0.003 | 207.022 | 2.728 | 1031.592 | 1076.312 | 0.0 | -91.836 | -90.016 | 0.0 |
| 105 | 14913 | 14914 | NS | 1 | 48.714 | 49.304 | 0.0 | 0.003 | 210.695 | 2.516 | 1031.48 | 1076.056 | 0.0 | -91.789 | -90.035 | 0.0 |
| 106 | 14913 | 14914 | SN | 1 | 48.794 | 49.466 | 0.0 | 0.003 | 6.375 | 2.65 | 1041.208 | 1077.536 | 0.0 | -91.839 | -90.093 | 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 | 14913 | 14914 | NS | 1 | 48.714 | 49.304 | 0.0 | 0.003 | 210.695 | 2.589 | 1031.48 | 1076.384 | 0.0 | -91.789 | -90.035 | 0.0 |
| 108 | 14914 | 14915 | NS | 1 | 48.666 | 49.368 | 0.0 | 0.0 | 264.775 | 2.703 | 1031.856 | 1076.432 | 0.0 | -92.321 | -90.032 | 0.0 |
| 109 | 14914 | 14915 | SN | 1 | 48.807 | 49.402 | 0.0 | 0.0 | 280.879 | 2.564 | 1041.184 | 1077.6 | 0.0 | -91.765 | -90.106 | 0.0 |
| 110 | 14915 | 14916 | SN | 1 | 48.817 | 49.404 | 0.0 | 0.003 | 215.504 | 2.576 | 1040.112 | 1077.68 | 0.0 | -91.743 | -90.129 | 0.0 |
| 111 | 14915 | 14916 | NS | 1 | 48.68 | 49.367 | 0.0 | 0.0 | 267.389 | 2.602 | 1031.2 | 1076.552 | 0.0 | -91.702 | -90.03 | 0.0 |
| 112 | 14915 | 14916 | SN | 1 | 48.817 | 49.404 | 0.0 | 0.003 | 215.504 | 2.579 | 1040.112 | 1077.68 | 0.0 | -91.735 | -90.129 | 0.0 |
| 113 | 14916 | 14917 | SN | 1 | 48.832 | 49.44 | 0.0 | 0.003 | 214.649 | 2.648 | 1041.304 | 1077.776 | 0.0 | -91.838 | -90.13 | 0.0 |
| 114 | 14916 | 14917 | NS | 1 | 48.68 | 49.368 | 0.0 | 0.003 | 267.417 | 1.6 | 1031.08 | 1071.584 | 0.0 | -91.698 | -90.029 | 0.0 |
| 115 | 14916 | 14917 | NS | 1 | 48.68 | 49.368 | 0.0 | 0.003 | 267.417 | 2.64 | 1031.08 | 1076.64 | 0.0 | -91.698 | -90.029 | 0.0 |
| 116 | 14916 | 14917 | SN | 1 | 48.82 | 49.43 | 0.0 | 0.003 | 214.649 | 2.646 | 1041.304 | 1077.776 | 0.0 | -91.838 | -90.13 | 0.0 |
| 117 | 14917 | 14918 | NS | 1 | 48.668 | 49.302 | 0.0 | 0.003 | 13.148 | 2.654 | 1031.128 | 1076.568 | 0.0 | -91.963 | -90.03 | 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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|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|--------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 14915 | 14916 | SN | 1 | -34.558 | 18.643 | 0.0 | -34.954 | 18.311 | 0.0 | -5.001 | 28.239 | 25.356 | -3.894 | 28.869 | 29.759 | 0.117 | 276.874 | 3.479 | 0.117 | 303.344 | 2.484 | 0.116 | 0.402 | 0.0 | 0.116 | 0.335 | 0.0 |
| 113 | 14916 | 14917 | SN | 1 | -34.98 | 18.603 | 0.0 | -34.454 | 18.928 | 0.0 | 2.537 | 28.669 | 19.824 | 1.83 | 29.528 | 18.828 | 0.117 | 305.107 | 4.742 | 0.117 | 284.324 | 4.275 | 0.116 | 0.161 | 0.0 | 0.116 | 0.17 | 0.0 |
| 114 | 14916 | 14917 | NS | 1 | -34.943 | 21.623 | 0.0 | -34.824 | 25.617 | 0.021 | 7.578 | 29.69 | 2.111 | 7.576 | 30.965 | 2.714 | 0.116 | 302.573 | 5.713 | 0.116 | 294.335 | 5.163 | 0.116 | 0.129 | 0.0 | 0.116 | 0.129 | 0.0 |
| 115 | 14916 | 14917 | NS | 1 | -34.943 | 24.851 | 0.021 | -34.824 | 25.614 | 0.021 | 7.551 | 29.69 | 17.623 | 7.576 | 30.965 | 28.097 | 0.116 | 302.573 | 5.564 | 0.116 | 294.335 | 5.162 | 0.116 | 0.129 | 0.0 | 0.116 | 0.129 | 0.0 |
| 116 | 14916 | 14917 | SN | 1 | -33.811 | 18.603 | 0.0 | -34.994 | 18.928 | 0.0 | 2.537 | 28.669 | 19.824 | 1.83 | 29.528 | 18.828 | 0.117 | 233.132 | 4.73 | 0.117 | 306.146 | 4.268 | 0.116 | 0.161 | 0.0 | 0.116 | 0.17 | 0.0 |
| 117 | 14917 | 14918 | NS | 1 | -34.956 | 24.619 | 0.031 | -34.929 | 25.399 | 0.033 | 1.753 | 30.26 | 11.512 | 4.966 | 29.095 | 20.301 | 0.116 | 303.375 | 5.864 | 0.116 | 301.556 | 5.068 | 0.116 | 0.171 | 0.0 | 0.116 | 0.141 | 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 | 14888 | 14889 | SN | 1 | 57.632 | 58.271 | 0.0 | 0.0 | 296.977 | 3.251 | 1220.08 | 1265.792 | 0.0 | -93.188 | -92.143 | 0.0 |
| 2 | 14888 | 14889 | SN | 2 | 57.599 | 58.271 | 0.0 | 0.0 | 296.977 | 4.064 | 1220.08 | 1265.792 | 0.0 | -93.303 | -92.143 | 0.0 |
| 3 | 14888 | 14889 | SN | 1 | 57.599 | 58.271 | 0.0 | 0.0 | 296.977 | 4.064 | 1220.08 | 1265.792 | 0.0 | -93.303 | -92.143 | 0.0 |
| 4 | 14889 | 14890 | SN | 2 | 57.633 | 58.27 | 0.0 | 0.0 | 292.775 | 3.835 | 1219.44 | 1265.744 | 0.0 | -93.165 | -92.132 | 0.0 |
| 5 | 14889 | 14890 | SN | 1 | 57.633 | 58.27 | 0.0 | 0.0 | 292.775 | 3.836 | 1219.44 | 1265.744 | 0.0 | -93.165 | -92.132 | 0.0 |
| 6 | 14889 | 14890 | NS | 1 | 57.508 | 58.13 | 0.0 | 0.0 | 291.087 | 3.68 | 1209.344 | 1263.696 | 0.003 | -93.033 | -92.06 | 0.0 |
| 7 | 14889 | 14890 | SN | 1 | 57.633 | 58.27 | 0.0 | 0.0 | 292.775 | 3.446 | 1219.44 | 1265.744 | 0.0 | -93.165 | -92.132 | 0.0 |
| 8 | 14889 | 14890 | NS | 1 | 57.508 | 58.13 | 0.0 | 0.0 | 291.087 | 3.676 | 1209.344 | 1263.696 | 0.002 | -93.151 | -92.06 | 0.0 |
| 9 | 14890 | 14891 | SN | 1 | 57.62 | 58.27 | 0.0 | 0.003 | 290.729 | 3.298 | 1219.464 | 1265.904 | 0.0 | -93.214 | -92.164 | 0.0 |
| 10 | 14890 | 14891 | NS | 1 | 57.51 | 58.138 | 0.0 | 0.0 | 292.411 | 3.648 | 1209.528 | 1263.944 | 0.002 | -93.158 | -92.031 | 0.0 |
| 11 | 14890 | 14891 | NS | 1 | 57.508 | 58.139 | 0.0 | 0.0 | 292.383 | 3.655 | 1209.672 | 1263.928 | 0.001 | -93.162 | -92.031 | 0.0 |
| 12 | 14890 | 14891 | SN | 1 | 57.62 | 58.27 | 0.0 | 0.0 | 290.729 | 3.699 | 1219.464 | 1265.904 | 0.0 | -93.214 | -92.164 | 0.0 |
| 13 | 14890 | 14891 | SN | 1 | 57.62 | 58.27 | 0.0 | 0.003 | 290.729 | 3.311 | 1219.464 | 1265.904 | 0.0 | -93.214 | -92.164 | 0.0 |
| 14 | 14891 | 14892 | SN | 1 | 57.618 | 58.258 | 0.0 | 0.003 | 288.76 | 3.266 | 1219.32 | 1265.824 | 0.0 | -93.152 | -92.162 | 0.0 |
| 15 | 14891 | 14892 | SN | 1 | 57.618 | 58.258 | 0.0 | 0.0 | 299.459 | 3.638 | 1219.32 | 1265.824 | 0.0 | -93.152 | -92.162 | 0.0 |
| 16 | 14891 | 14892 | NS | 1 | 57.49 | 58.136 | 0.0 | 0.0 | 296.58 | 3.691 | 1210.008 | 1263.872 | 0.0 | -93.119 | -92.078 | 0.0 |
| 17 | 14891 | 14892 | SN | 1 | 57.618 | 58.258 | 0.0 | 0.0 | 299.47 | 3.648 | 1219.32 | 1265.824 | 0.0 | -93.152 | -92.162 | 0.0 |
| 18 | 14891 | 14892 | NS | 1 | 57.496 | 58.117 | 0.0 | 0.0 | 296.58 | 3.682 | 1210.008 | 1263.872 | 0.0 | -93.056 | -92.078 | 0.0 |
| 19 | 14892 | 14893 | SN | 1 | 57.616 | 58.239 | 0.0 | 0.0 | 299.145 | 3.664 | 1219.568 | 1265.672 | 0.0 | -93.162 | -92.162 | 0.0 |
| 20 | 14892 | 14893 | SN | 1 | 57.619 | 58.239 | 0.0 | 0.0 | 286.885 | 3.215 | 1219.064 | 1265.672 | 0.0 | -93.471 | -92.162 | 0.0 |
| 21 | 14892 | 14893 | NS | 1 | 57.51 | 58.119 | 0.0 | 0.0 | 299.955 | 3.745 | 1210.576 | 1263.744 | 0.0 | -94.1 | -92.043 | 0.0 |
| 22 | 14892 | 14893 | NS | 2 | 57.511 | 58.119 | 0.0 | 0.0 | 299.983 | 3.745 | 1210.584 | 1263.736 | 0.0 | -94.1 | -92.043 | 0.0 |
| 23 | 14892 | 14893 | SN | 1 | 57.619 | 58.239 | 0.0 | 0.0 | 299.145 | 3.668 | 1219.064 | 1265.672 | 0.0 | -93.471 | -92.162 | 0.0 |
| 24 | 14893 | 14894 | SN | 1 | 57.623 | 58.266 | 0.0 | 0.0 | 299.602 | 3.634 | 1219.152 | 1265.6 | 0.0 | -93.368 | -92.162 | 0.0 |
| 25 | 14893 | 14894 | SN | 1 | 57.623 | 58.266 | 0.0 | 0.0 | 297.893 | 3.042 | 1219.152 | 1265.6 | 0.0 | -93.368 | -92.162 | 0.0 |
| 26 | 14893 | 14894 | NS | 2 | 57.48 | 58.126 | 0.0 | 0.0 | 290.701 | 3.781 | 1210.376 | 1263.632 | 0.0 | -93.111 | -92.061 | 0.0 |
| 27 | 14893 | 14894 | NS | 1 | 57.456 | 58.116 | 0.0 | 0.0 | 290.701 | 3.781 | 1210.376 | 1263.632 | 0.0 | -95.208 | -92.061 | 0.0 |
| 28 | 14893 | 14894 | SN | 1 | 57.616 | 58.286 | 0.0 | 0.0 | 299.691 | 3.631 | 1218.8 | 1265.6 | 0.0 | -93.334 | -92.162 | 0.0 |
| 29 | 14894 | 14895 | NS | 1 | 57.49 | 58.137 | 0.0 | 0.0 | 287.613 | 3.759 | 1210.344 | 1263.568 | 0.0 | -93.228 | -92.077 | 0.0 |
| 30 | 14894 | 14895 | SN | 1 | 57.616 | 58.249 | 0.0 | 0.003 | 295.918 | 3.345 | 1219.056 | 1265.592 | 0.0 | -93.162 | -92.154 | 0.0 |
| 31 | 14894 | 14895 | NS | 1 | 57.489 | 58.136 | 0.0 | 0.0 | 287.696 | 3.757 | 1210.384 | 1263.544 | 0.0 | -93.228 | -92.077 | 0.0 |
| 32 | 14894 | 14895 | SN | 2 | 57.616 | 58.249 | 0.0 | 0.0 | 295.918 | 3.821 | 1219.056 | 1265.592 | 0.0 | -93.162 | -92.154 | 0.0 |
| 33 | 14894 | 14895 | SN | 1 | 57.616 | 58.249 | 0.0 | 0.0 | 295.918 | 3.821 | 1219.056 | 1265.592 | 0.0 | -93.162 | -92.154 | 0.0 |
| 34 | 14895 | 14896 | NS | 1 | 57.48 | 58.134 | 0.0 | 0.003 | 295.571 | 3.671 | 1209.384 | 1263.76 | 0.001 | -93.303 | -92.074 | 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 | 14895 | 14896 | SN | 2 | 57.632 | 58.256 | 0.0 | 0.0 | 290.812 | 3.883 | 1219.624 | 1265.8 | 0.0 | -93.156 | -92.15 | 0.0 |
| 36 | 14895 | 14896 | NS | 1 | 57.48 | 58.139 | 0.0 | 0.003 | 295.571 | 3.678 | 1209.384 | 1263.76 | 0.001 | -93.303 | -92.074 | 0.0 |
| 37 | 14895 | 14896 | SN | 1 | 57.632 | 58.256 | 0.0 | 0.0 | 290.812 | 2.604 | 1219.624 | 1265.8 | 0.0 | -93.156 | -92.15 | 0.0 |
| 38 | 14895 | 14896 | SN | 1 | 57.632 | 58.256 | 0.0 | 0.0 | 290.812 | 3.884 | 1219.624 | 1265.8 | 0.0 | -93.156 | -92.15 | 0.0 |
| 39 | 14896 | 14897 | NS | 1 | 57.486 | 58.116 | 0.0 | 0.0 | 297.231 | 3.949 | 1210.064 | 1263.848 | 0.0 | -93.179 | -92.044 | 0.0 |
| 40 | 14896 | 14897 | SN | 1 | 57.541 | 58.279 | 0.0 | 0.0 | 299.503 | 3.757 | 1219.832 | 1265.952 | 0.0 | -93.686 | -92.118 | 0.0 |
| 41 | 14896 | 14897 | NS | 1 | 57.471 | 58.139 | 0.0 | 0.0 | 297.231 | 3.937 | 1210.064 | 1263.84 | 0.0 | -93.224 | -92.044 | 0.0 |
| 42 | 14896 | 14897 | SN | 2 | 57.541 | 58.279 | 0.0 | 0.0 | 299.503 | 3.757 | 1219.832 | 1265.952 | 0.0 | -93.686 | -92.118 | 0.0 |
| 43 | 14897 | 14898 | SN | 1 | 57.632 | 58.242 | 0.0 | 0.0 | 298.213 | 3.723 | 1220.12 | 1265.896 | 0.0 | -93.105 | -92.161 | 0.0 |
| 44 | 14897 | 14898 | NS | 1 | 57.485 | 58.229 | 0.0 | 0.0 | 298.93 | 3.912 | 1209.328 | 1263.792 | 0.004 | -95.836 | -92.048 | 0.0 |
| 45 | 14897 | 14898 | NS | 2 | 57.485 | 58.229 | 0.0 | 0.0 | 298.99 | 3.912 | 1209.336 | 1263.784 | 0.004 | -95.836 | -92.048 | 0.0 |
| 46 | 14898 | 14899 | SN | 1 | 57.37 | 58.262 | 0.0 | 0.0 | 298.367 | 3.816 | 1220.12 | 1265.8 | 0.0 | -95.628 | -92.136 | 0.0 |
| 47 | 14898 | 14899 | NS | 1 | 57.495 | 58.126 | 0.0 | 0.0 | 298.847 | 3.781 | 1210.072 | 1263.776 | 0.0 | -94.46 | -92.074 | 0.0 |
| 48 | 14899 | 14900 | SN | 1 | 57.627 | 58.253 | 0.0 | 0.0 | 269.7 | 3.773 | 1220.048 | 1265.888 | 0.0 | -93.184 | -92.142 | 0.0 |
| 49 | 14899 | 14900 | NS | 1 | 57.486 | 58.139 | 0.0 | 0.003 | 299.404 | 3.184 | 1209.192 | 1262.816 | 0.006 | -93.176 | -92.073 | 0.0 |
| 50 | 14899 | 14900 | SN | 1 | 57.646 | 58.243 | 0.0 | 0.0 | 269.7 | 3.777 | 1220.048 | 1265.888 | 0.0 | -93.113 | -92.142 | 0.0 |
| 51 | 14899 | 14900 | NS | 1 | 57.486 | 58.139 | 0.0 | 0.0 | 299.404 | 3.668 | 1209.192 | 1263.824 | 0.006 | -93.167 | -92.073 | 0.0 |
| 52 | 14900 | 14901 | SN | 1 | 57.622 | 58.266 | 0.0 | 0.0 | 295.356 | 3.75 | 1220.08 | 1265.928 | 0.0 | -93.221 | -92.162 | 0.0 |
| 53 | 14900 | 14901 | NS | 1 | 57.487 | 58.113 | 0.0 | 0.0 | 288.115 | 3.763 | 1208.96 | 1263.848 | 0.25 | -93.121 | -92.071 | 0.0 |
| 54 | 14900 | 14901 | NS | 1 | 57.487 | 58.113 | 0.0 | 0.0 | 277.923 | 2.986 | 1208.96 | 1261.776 | 0.264 | -93.121 | -92.071 | 0.0 |
| 55 | 14900 | 14901 | NS | 2 | 57.487 | 58.113 | 0.0 | 0.0 | 288.115 | 3.763 | 1208.96 | 1263.848 | 0.25 | -93.121 | -92.071 | 0.0 |
| 56 | 14900 | 14901 | SN | 1 | 57.622 | 58.266 | 0.0 | 0.0 | 295.356 | 3.753 | 1220.08 | 1265.928 | 0.0 | -93.189 | -92.162 | 0.0 |
| 57 | 14901 | 14902 | NS | 1 | 57.471 | 58.137 | 0.0 | 0.0 | 290.789 | 3.708 | 1208.856 | 1264.04 | 0.602 | -93.157 | -92.07 | 0.0 |
| 58 | 14901 | 14902 | SN | 2 | 57.63 | 58.245 | 0.0 | 0.0 | 290.745 | 3.741 | 1219.776 | 1266.08 | 0.0 | -93.14 | -92.169 | 0.0 |
| 59 | 14901 | 14902 | SN | 1 | 57.63 | 58.245 | 0.0 | 0.0 | 290.729 | 3.739 | 1219.768 | 1266.08 | 0.0 | -93.14 | -92.169 | 0.0 |
| 60 | 14901 | 14902 | NS | 1 | 57.471 | 58.133 | 0.0 | 0.0 | 290.789 | 3.704 | 1208.896 | 1264.04 | 0.603 | -93.157 | -92.07 | 0.0 |
| 61 | 14901 | 14902 | NS | 1 | 57.471 | 58.137 | 0.0 | 0.0 | 290.789 | 2.29 | 1208.856 | 1260.448 | 0.662 | -93.117 | -92.07 | 0.0 |
| 62 | 14902 | 14903 | SN | 1 | 57.627 | 58.326 | 0.0 | 0.0 | 295.461 | 3.893 | 1220.368 | 1266.152 | 0.0 | -95.964 | -92.17 | 0.0 |
| 63 | 14902 | 14903 | SN | 1 | 57.628 | 58.258 | 0.0 | 0.0 | 288.594 | 2.824 | 1220.368 | 1266.152 | 0.0 | -93.227 | -92.17 | 0.0 |
| 64 | 14902 | 14903 | NS | 1 | 57.476 | 58.138 | 0.0 | 0.0 | 294.688 | 3.847 | 1208.8 | 1264.112 | 0.8 | -93.154 | -92.048 | 0.0 |
| 65 | 14902 | 14903 | NS | 1 | 57.477 | 58.147 | 0.0 | 0.0 | 294.688 | 3.843 | 1208.88 | 1264.112 | 0.799 | -93.131 | -92.048 | 0.0 |
| 66 | 14902 | 14903 | SN | 1 | 57.628 | 58.326 | 0.0 | 0.0 | 295.461 | 3.896 | 1220.368 | 1266.152 | 0.0 | -95.964 | -92.17 | 0.0 |
| 67 | 14902 | 14903 | NS | 1 | 57.476 | 58.142 | 0.0 | 0.003 | 292.786 | 2.214 | 1208.8 | 1256.696 | 0.942 | -92.985 | -92.048 | 0.0 |
| 68 | 14903 | 14904 | SN | 1 | 57.629 | 58.265 | 0.0 | 0.003 | 298.731 | 3.969 | 1219.76 | 1265.936 | 0.0 | -93.189 | -92.123 | 0.0 |
| 69 | 14903 | 14904 | SN | 1 | 57.629 | 58.265 | 0.0 | 0.003 | 288.352 | 3.557 | 1219.76 | 1265.936 | 0.0 | -93.189 | -92.123 | 0.0 |
| 70 | 14903 | 14904 | NS | 1 | 57.494 | 58.113 | 0.0 | 0.0 | 299.442 | 3.846 | 1209.056 | 1263.912 | 0.198 | -93.194 | -92.055 | 0.0 |
| 71 | 14903 | 14904 | SN | 1 | 57.629 | 58.265 | 0.0 | 0.003 | 298.714 | 3.972 | 1219.76 | 1265.936 | 0.0 | -93.189 | -92.123 | 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 |

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

| | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|--------|--------|-------|-------|---------|--------|----------|----------|-------|---------|---------|-----|
| 72 | 14903 | 14904 | NS | 1 | 57.477 | 58.113 | 0.0 | 0.0 | 299.442 | 3.882 | 1209.0 | 1263.912 | 0.199 | -93.041 | -92.055 | 0.0 |
| 73 | 14904 | 14905 | SN | 1 | 57.637 | 58.274 | 0.0 | 0.0 | 298.604 | 3.363 | 1220.2 | 1266.168 | 0.0 | -93.216 | -92.148 | 0.0 |
| 74 | 14904 | 14905 | SN | 1 | 57.628 | 58.244 | 0.0 | 0.0 | 298.604 | 3.731 | 1220.08 | 1266.168 | 0.0 | -93.113 | -92.148 | 0.0 |
| 75 | 14904 | 14905 | SN | 1 | 57.628 | 58.244 | 0.0 | 0.0 | 298.604 | 3.359 | 1220.08 | 1266.168 | 0.0 | -93.113 | -92.148 | 0.0 |
| 76 | 14904 | 14905 | NS | 1 | 57.505 | 58.116 | 0.0 | 0.0 | 299.718 | 3.614 | 1209.128 | 1264.192 | 0.031 | -93.144 | -92.047 | 0.0 |
| 77 | 14904 | 14905 | NS | 2 | 57.506 | 58.117 | 0.0 | 0.0 | 299.779 | 3.615 | 1209.16 | 1264.176 | 0.017 | -93.144 | -92.047 | 0.0 |
| 78 | 14905 | 14906 | SN | 1 | 57.621 | 58.26 | 0.0 | 0.003 | 288.175 | 3.277 | 1219.696 | 1266.2 | 0.0 | -93.343 | -92.165 | 0.0 |
| 79 | 14905 | 14906 | NS | 1 | 57.506 | 58.117 | 0.0 | 0.0 | 299.652 | 3.615 | 1209.248 | 1264.288 | 0.001 | -93.128 | -92.055 | 0.0 |
| 80 | 14905 | 14906 | SN | 1 | 57.62 | 58.26 | 0.0 | 0.0 | 288.175 | 3.653 | 1219.696 | 1266.2 | 0.0 | -93.343 | -92.165 | 0.0 |
| 81 | 14905 | 14906 | SN | 1 | 57.626 | 58.256 | 0.0 | 0.0 | 288.175 | 3.649 | 1219.84 | 1266.2 | 0.0 | -93.349 | -92.165 | 0.0 |
| 82 | 14906 | 14907 | NS | 1 | 57.122 | 58.29 | 0.001 | 0.0 | 289.692 | 7.245 | 1201.888 | 1264.16 | 0.002 | -95.386 | -92.051 | 0.0 |
| 83 | 14906 | 14907 | SN | 1 | 57.614 | 58.226 | 0.0 | 0.0 | 288.181 | 2.621 | 1219.376 | 1254.432 | 0.0 | -95.572 | -92.139 | 0.0 |
| 84 | 14906 | 14907 | SN | 1 | 57.616 | 58.226 | 0.0 | 0.0 | 191.365 | 1.991 | 1219.8 | 1254.432 | 0.0 | -95.572 | -92.139 | 0.0 |
| 85 | 14906 | 14907 | NS | 1 | 57.122 | 58.291 | 0.005 | 0.0 | 279.362 | 35.642 | 1201.88 | 1245.76 | 0.005 | -95.386 | -92.056 | 0.0 |
| 86 | 14906 | 14907 | SN | 1 | 57.618 | 58.27 | 0.0 | 0.0 | 299.514 | 3.805 | 1219.208 | 1266.12 | 0.0 | -95.572 | -92.139 | 0.0 |
| 87 | 14907 | 14908 | NS | 1 | 57.491 | 58.119 | 0.0 | 0.0 | 297.06 | 3.774 | 1209.944 | 1264.096 | 0.0 | -93.111 | -92.064 | 0.0 |
| 88 | 14907 | 14908 | NS | 1 | 57.492 | 58.123 | 0.0 | 0.0 | 297.06 | 3.77 | 1209.952 | 1264.08 | 0.0 | -93.068 | -92.064 | 0.0 |
| 89 | 14907 | 14908 | SN | 1 | 57.406 | 58.274 | 0.0 | 0.0 | 291.33 | 3.682 | 1219.088 | 1265.992 | 0.0 | -94.852 | -92.164 | 0.0 |
| 90 | 14907 | 14908 | SN | 2 | 57.406 | 58.274 | 0.0 | 0.0 | 291.33 | 3.682 | 1219.088 | 1265.992 | 0.0 | -94.853 | -92.164 | 0.0 |
| 91 | 14908 | 14909 | SN | 1 | 57.47 | 58.247 | 0.0 | 0.003 | 287.894 | 3.717 | 1219.248 | 1265.872 | 0.0 | -94.133 | -92.166 | 0.0 |
| 92 | 14908 | 14909 | NS | 2 | 57.506 | 58.139 | 0.0 | 0.0 | 295.323 | 3.85 | 1210.064 | 1263.936 | 0.0 | -93.108 | -92.07 | 0.0 |
| 93 | 14908 | 14909 | SN | 1 | 57.618 | 58.247 | 0.0 | 0.003 | 287.894 | 2.986 | 1219.248 | 1265.872 | 0.0 | -93.174 | -92.166 | 0.0 |
| 94 | 14908 | 14909 | NS | 1 | 57.506 | 58.14 | 0.0 | 0.0 | 294.424 | 3.854 | 1210.096 | 1263.96 | 0.0 | -93.108 | -92.069 | 0.0 |
| 95 | 14909 | 14910 | NS | 1 | 57.478 | 58.131 | 0.0 | 0.0 | 299.437 | 3.704 | 1208.944 | 1263.976 | 0.071 | -93.155 | -92.072 | 0.0 |
| 96 | 14909 | 14910 | SN | 1 | 57.621 | 58.241 | 0.0 | 0.0 | 299.685 | 3.826 | 1220.336 | 1265.92 | 0.0 | -93.212 | -92.145 | 0.0 |
| 97 | 14910 | 14911 | SN | 1 | 57.626 | 58.243 | 0.0 | 0.0 | 299.746 | 3.745 | 1220.04 | 1266.12 | 0.0 | -93.072 | -92.14 | 0.0 |
| 98 | 14910 | 14911 | NS | 1 | 57.473 | 58.118 | 0.0 | 0.0 | 289.896 | 3.847 | 1208.928 | 1264.112 | 0.474 | -93.27 | -92.068 | 0.0 |
| 99 | 14910 | 14911 | SN | 1 | 57.65 | 58.245 | 0.0 | 0.0 | 299.746 | 3.749 | 1220.112 | 1266.168 | 0.0 | -93.062 | -92.14 | 0.0 |
| 100 | 14910 | 14911 | NS | 2 | 57.471 | 58.124 | 0.0 | 0.0 | 289.857 | 3.848 | 1209.464 | 1264.168 | 0.553 | -93.3 | -92.068 | 0.0 |
| 101 | 14911 | 14912 | SN | 1 | 57.648 | 58.254 | 0.0 | 0.0 | 299.084 | 3.674 | 1220.4 | 1266.248 | 0.0 | -93.168 | -92.128 | 0.0 |
| 102 | 14911 | 14912 | NS | 1 | 57.48 | 58.12 | 0.0 | 0.0 | 296.415 | 3.927 | 1209.8 | 1264.216 | 0.242 | -93.085 | -92.029 | 0.0 |
| 103 | 14912 | 14913 | SN | 1 | 57.629 | 58.282 | 0.0 | 0.0 | 295.091 | 3.772 | 1220.256 | 1266.112 | 0.0 | -95.984 | -92.163 | 0.0 |
| 104 | 14912 | 14913 | NS | 1 | 57.49 | 58.136 | 0.0 | 0.0 | 290.508 | 3.861 | 1208.88 | 1264.088 | 0.115 | -93.154 | -92.05 | 0.0 |
| 105 | 14913 | 14914 | NS | 1 | 57.506 | 58.137 | 0.0 | 0.0 | 291.848 | 3.434 | 1208.928 | 1263.696 | 0.294 | -93.135 | -92.072 | 0.0 |
| 106 | 14913 | 14914 | SN | 1 | 57.649 | 58.266 | 0.0 | 0.0 | 290.778 | 3.853 | 1220.28 | 1266.152 | 0.0 | -93.181 | -92.136 | 0.0 |
| 107 | 14913 | 14914 | NS | 1 | 57.506 | 58.137 | 0.0 | 0.0 | 291.848 | 3.705 | 1208.928 | 1264.168 | 0.292 | -93.135 | -92.072 | 0.0 |
| 108 | 14914 | 14915 | NS | 1 | 57.479 | 58.133 | 0.0 | 0.0 | 294.937 | 3.819 | 1208.976 | 1264.224 | 0.723 | -93.175 | -92.069 | 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 | 14914 | 14915 | SN | 1 | 57.622 | 58.248 | 0.0 | 0.0 | 288.269 | 3.709 | 1220.232 | 1266.248 | 0.0 | -93.293 | -92.147 | 0.0 |
| 110 | 14915 | 14916 | SN | 1 | 57.624 | 58.26 | 0.0 | 0.0 | 288.854 | 3.698 | 1219.736 | 1266.344 | 0.0 | -93.102 | -92.17 | 0.0 |
| 111 | 14915 | 14916 | NS | 1 | 57.48 | 58.121 | 0.0 | 0.0 | 296.751 | 3.755 | 1208.192 | 1264.384 | 1.175 | -93.073 | -92.069 | 0.0 |
| 112 | 14915 | 14916 | SN | 1 | 57.624 | 58.26 | 0.0 | 0.0 | 288.854 | 3.702 | 1219.736 | 1266.344 | 0.0 | -93.137 | -92.17 | 0.0 |
| 113 | 14916 | 14917 | SN | 1 | 57.623 | 58.278 | 0.0 | 0.0 | 288.997 | 3.799 | 1220.376 | 1266.448 | 0.0 | -93.139 | -92.171 | 0.0 |
| 114 | 14916 | 14917 | NS | 1 | 57.477 | 58.125 | 0.0 | 0.0 | 295.935 | 2.094 | 1208.52 | 1259.112 | 1.661 | -93.082 | -92.067 | 0.0 |
| 115 | 14916 | 14917 | NS | 1 | 57.477 | 58.125 | 0.0 | 0.0 | 295.935 | 3.774 | 1208.52 | 1264.496 | 1.455 | -93.082 | -92.067 | 0.0 |
| 116 | 14916 | 14917 | SN | 1 | 57.601 | 58.278 | 0.0 | 0.0 | 288.997 | 3.796 | 1220.264 | 1266.448 | 0.0 | -93.279 | -92.171 | 0.0 |
| 117 | 14917 | 14918 | NS | 1 | 57.472 | 58.121 | 0.0 | 0.0 | 290.266 | 3.882 | 1208.704 | 1264.4 | 1.368 | -93.227 | -92.067 | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 107 | 14913 | 14914 | NS | 1 | -34.753 | 16.346 | 0.0 | -34.9 | 16.136 | 0.0 | -20.603 | 22.15 | 0.003 | -29.275 | 23.38 | 0.667 | 0.087 | 221.302 | 2.306 | 0.087 | 228.918 | 2.241 | 0.086 | 8.571 | 0.038 | 0.086 | 62.732 | 0.02 |
| 108 | 14914 | 14915 | NS | 1 | -34.581 | 18.775 | 0.0 | -34.693 | 16.55 | 0.0 | -27.569 | 21.601 | 0.0 | -10.996 | 23.405 | 0.804 | 0.086 | 212.712 | 3.427 | 0.087 | 218.232 | 3.446 | 0.086 | 42.371 | 0.017 | 0.086 | 0.997 | 0.0 |
| 109 | 14914 | 14915 | SN | 1 | -34.405 | 16.969 | 0.0 | -34.869 | 17.127 | 0.0 | -16.58 | 22.836 | 0.071 | -14.37 | 22.828 | 0.061 | 0.087 | 204.292 | 6.189 | 0.087 | 227.311 | 5.839 | 0.086 | 3.435 | 0.006 | 0.086 | 2.09 | 0.002 |
| 110 | 14915 | 14916 | SN | 1 | -34.846 | 16.883 | 0.0 | -34.858 | 17.05 | 0.0 | -24.715 | 23.148 | 0.181 | -33.13 | 22.935 | 0.035 | 0.087 | 226.128 | 3.921 | 0.087 | 226.732 | 3.268 | 0.086 | 21.997 | 0.135 | 0.086 | 152.362 | 0.208 |
| 111 | 14915 | 14916 | NS | 1 | -34.984 | 19.237 | 0.0 | -34.998 | 15.812 | 0.0 | -2.348 | 22.47 | 0.032 | -5.67 | 23.45 | 0.828 | 0.086 | 233.35 | 5.593 | 0.087 | 234.102 | 5.054 | 0.086 | 0.199 | 0.0 | 0.086 | 0.342 | 0.0 |
| 112 | 14915 | 14916 | SN | 1 | -34.718 | 16.883 | 0.0 | -34.891 | 17.05 | 0.0 | -24.582 | 23.148 | 0.181 | -33.13 | 22.935 | 0.035 | 0.087 | 219.523 | 3.92 | 0.087 | 228.469 | 3.269 | 0.086 | 21.331 | 0.135 | 0.086 | 152.362 | 0.208 |
| 113 | 14916 | 14917 | SN | 1 | -34.705 | 13.767 | 0.0 | -34.897 | 14.143 | 0.0 | -1.689 | 22.992 | 0.026 | 0.639 | 22.353 | 0.042 | 0.088 | 218.891 | 4.074 | 0.088 | 228.756 | 3.64 | 0.086 | 0.182 | 0.0 | 0.086 | 0.14 | 0.0 |
| 114 | 14916 | 14917 | NS | 1 | -34.79 | 13.105 | 0.0 | -34.468 | 17.703 | 0.0 | 1.682 | 19.164 | 0.0 | 2.124 | 20.851 | 0.0 | 0.088 | 223.191 | 5.204 | 0.086 | 207.314 | 4.851 | 0.086 | 0.128 | 0.0 | 0.086 | 0.123 | 0.0 |
| 115 | 14916 | 14917 | NS | 1 | -34.79 | 17.879 | 0.0 | -34.468 | 17.698 | 0.0 | 1.682 | 23.051 | 0.4 | 2.124 | 23.442 | 0.804 | 0.086 | 223.191 | 4.992 | 0.086 | 207.314 | 4.844 | 0.086 | 0.128 | 0.0 | 0.086 | 0.123 | 0.0 |
| 116 | 14916 | 14917 | SN | 1 | -34.215 | 13.767 | 0.0 | -34.786 | 14.143 | 0.0 | -1.698 | 22.992 | 0.026 | 0.639 | 22.353 | 0.042 | 0.088 | 195.498 | 4.067 | 0.088 | 222.954 | 3.635 | 0.086 | 0.182 | 0.0 | 0.086 | 0.14 | 0.0 |
| 117 | 14917 | 14918 | NS | 1 | -34.708 | 20.982 | 0.0 | -34.922 | 20.91 | 0.0 | 1.351 | 23.51 | 0.167 | 1.371 | 23.47 | 0.316 | 0.086 | 219.064 | 5.082 | 0.086 | 230.072 | 5.255 | 0.086 | 0.131 | 0.0 | 0.086 | 0.131 | 0.0 |

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