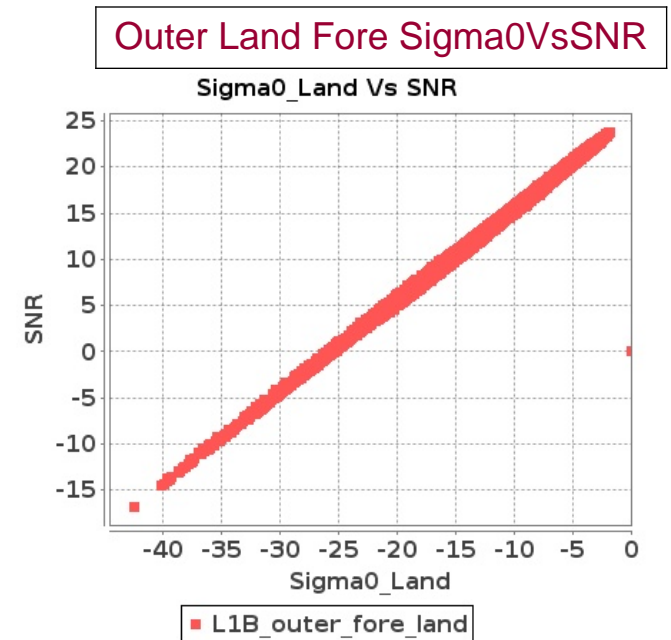
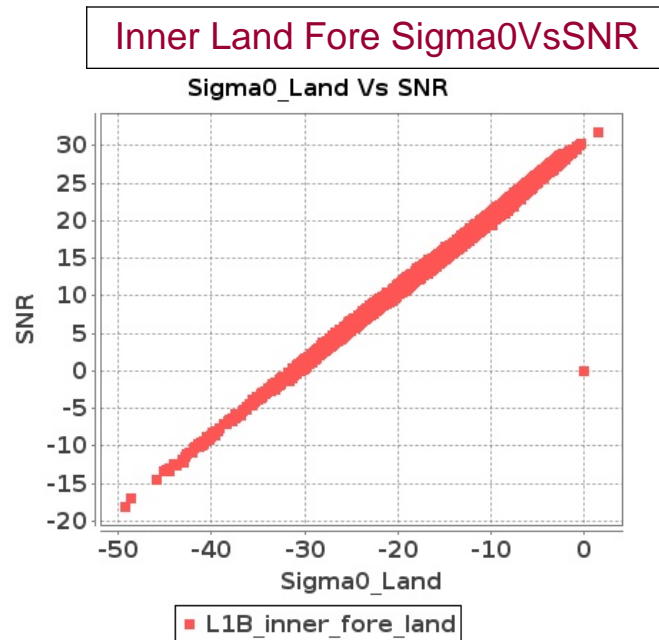
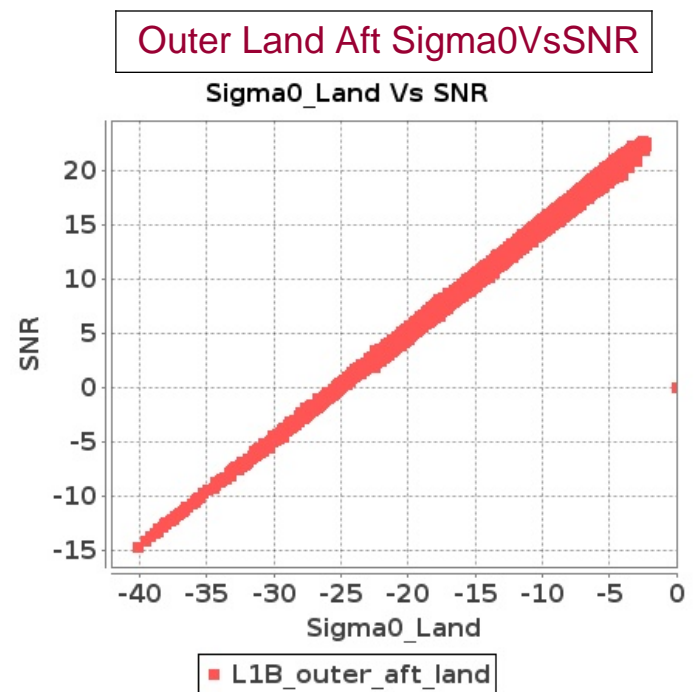
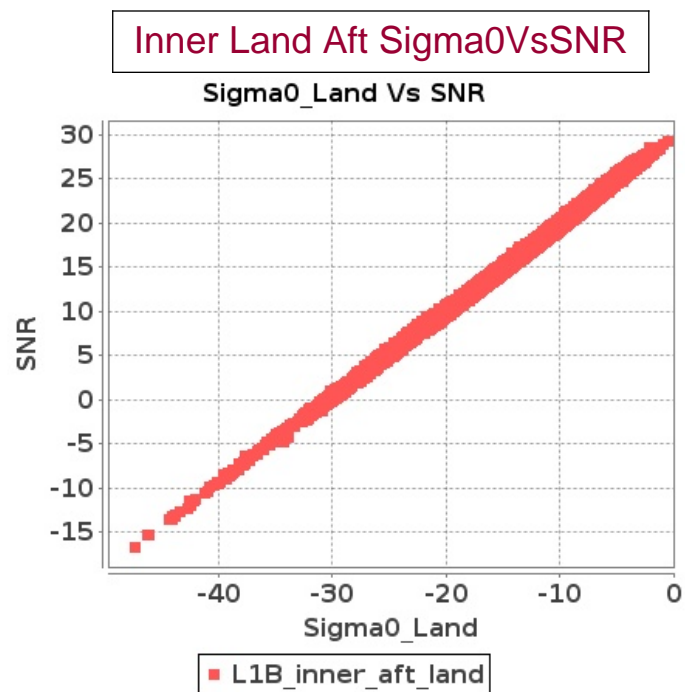
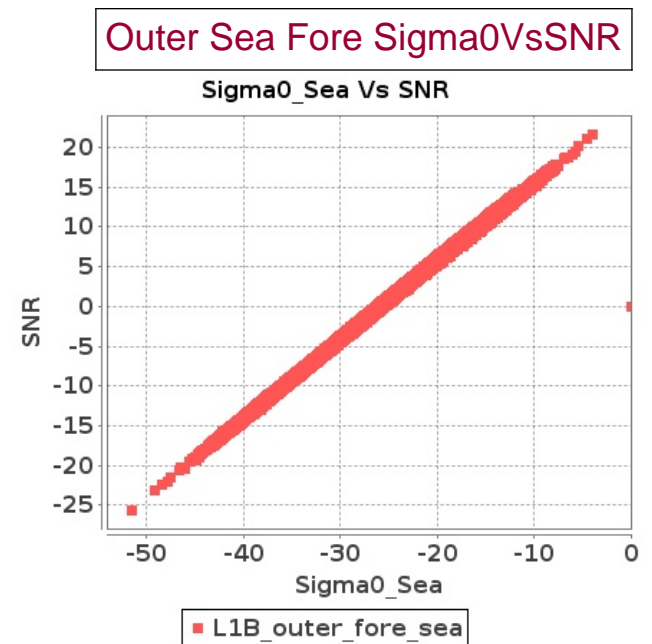
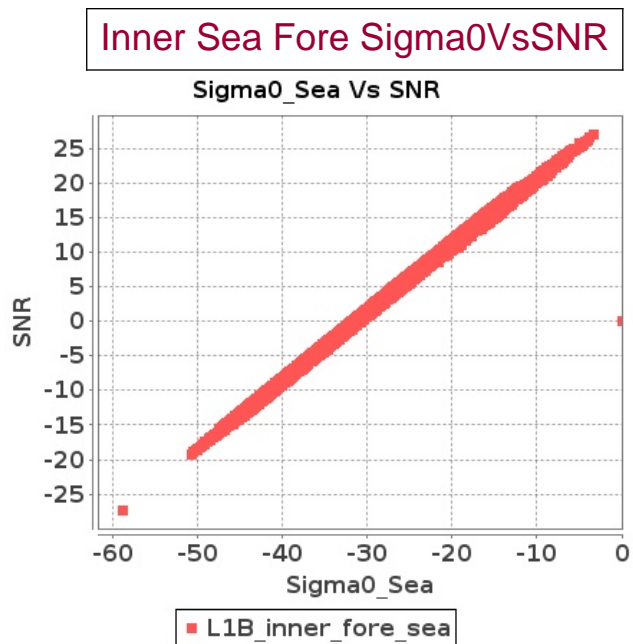
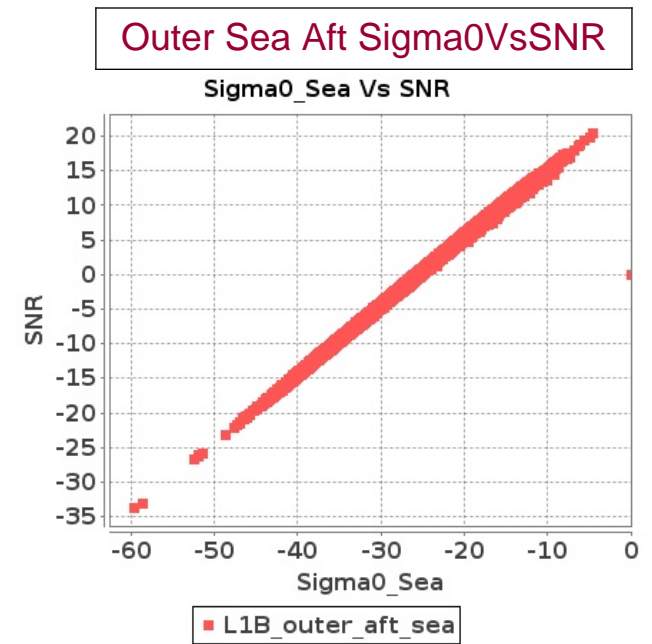
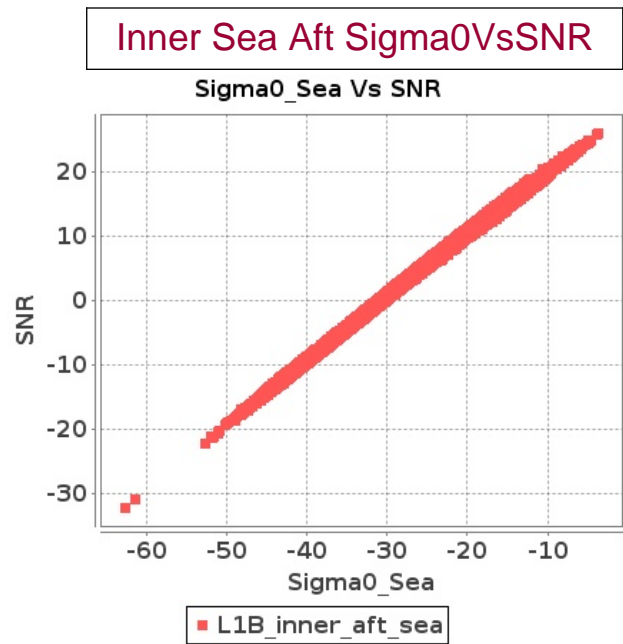
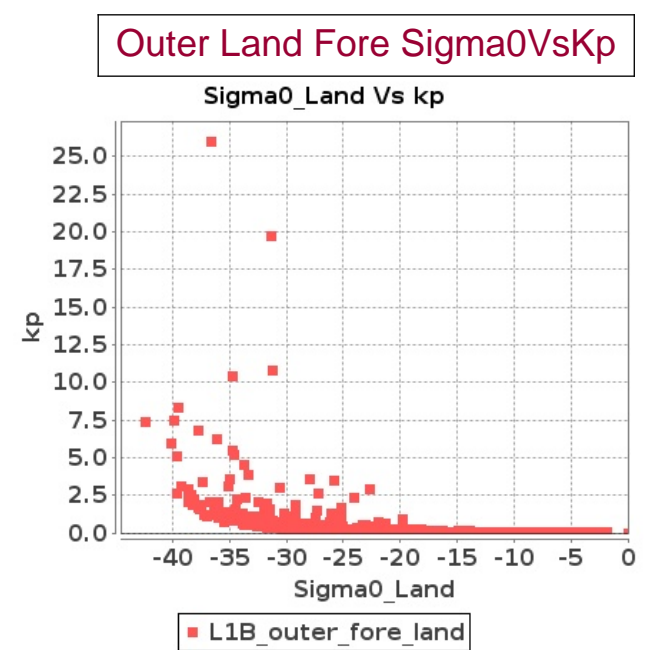
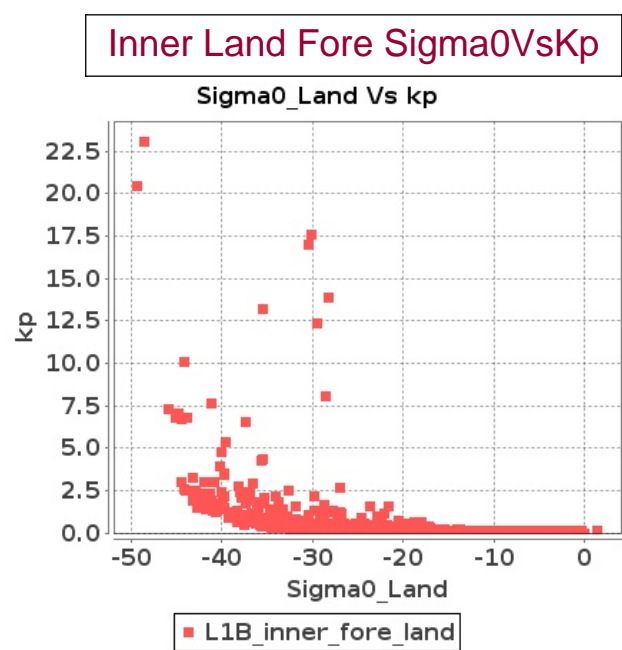
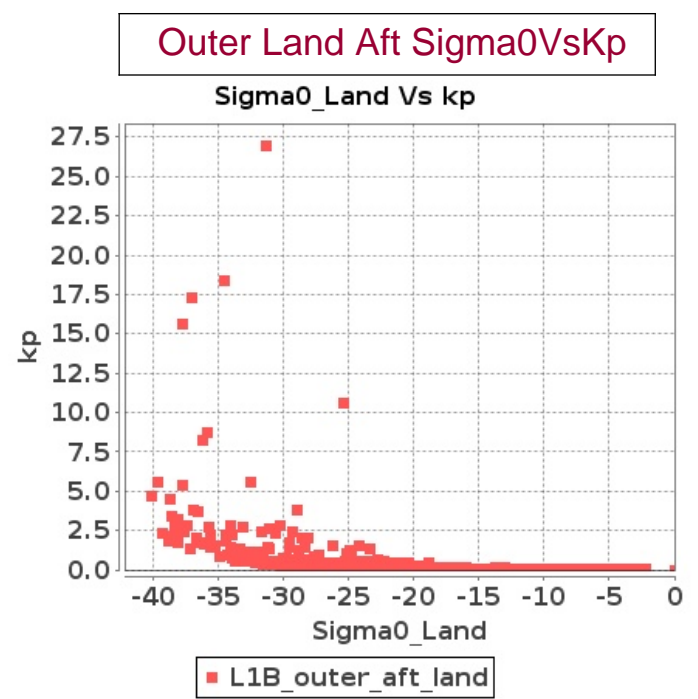
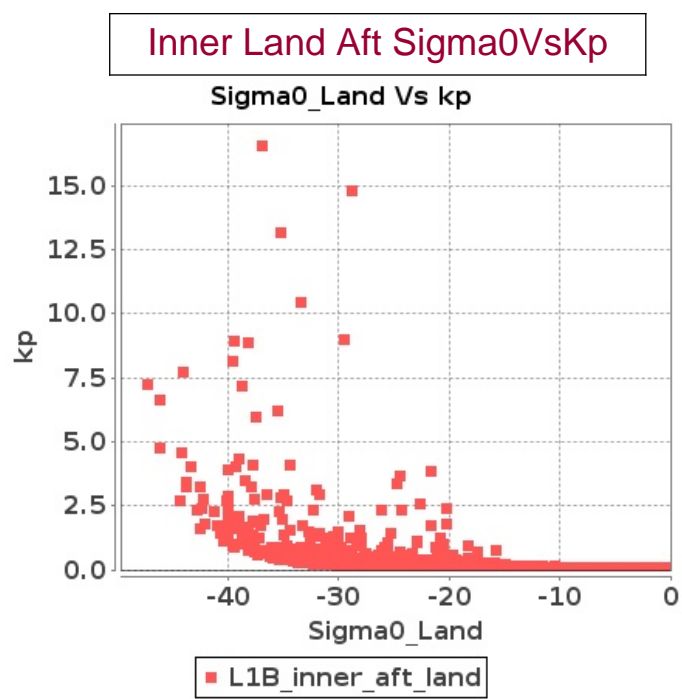
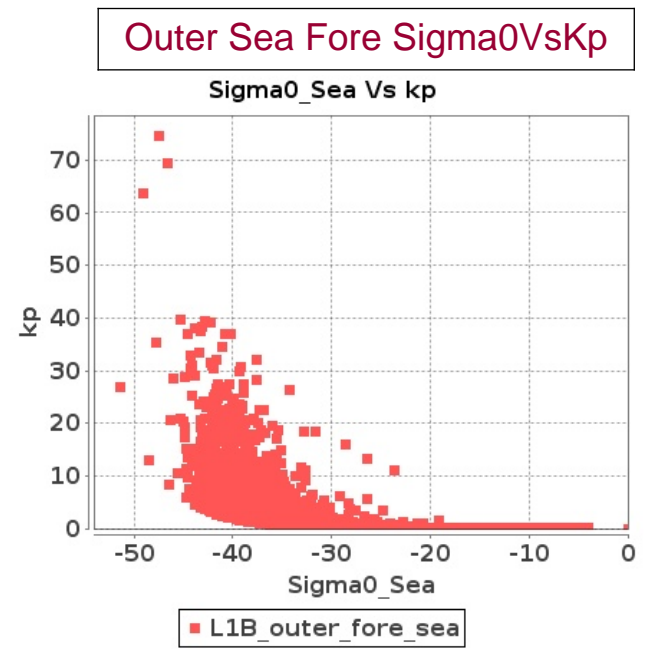
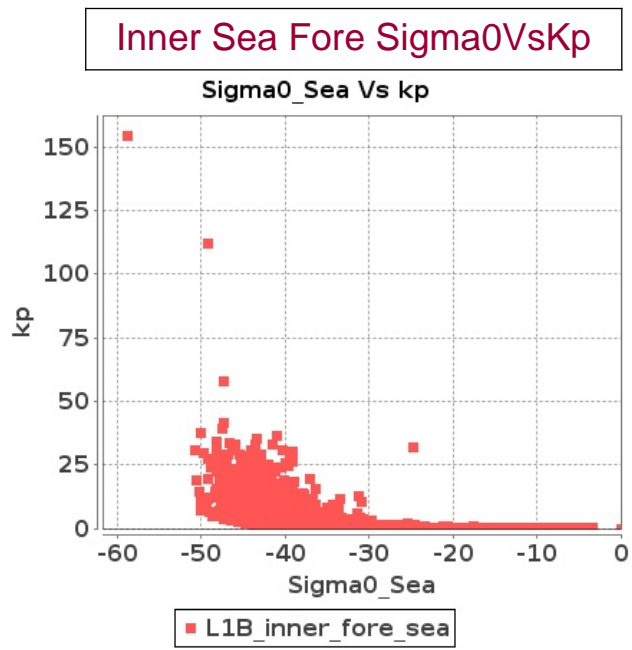
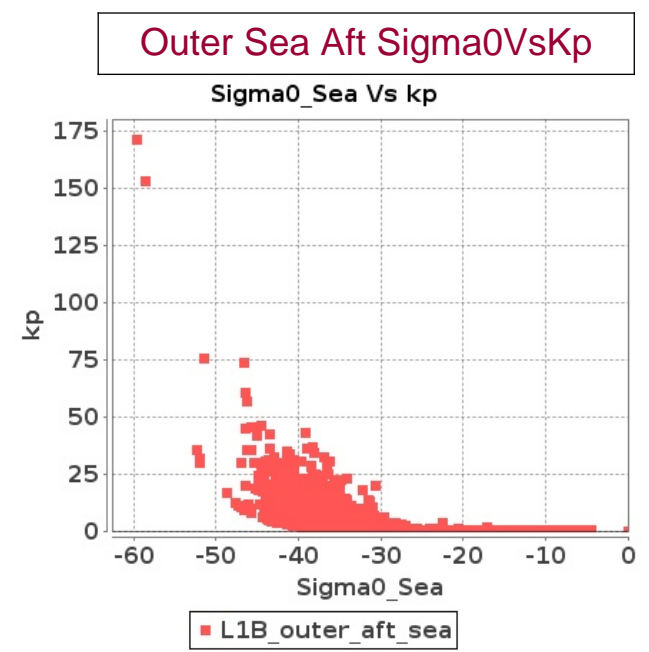
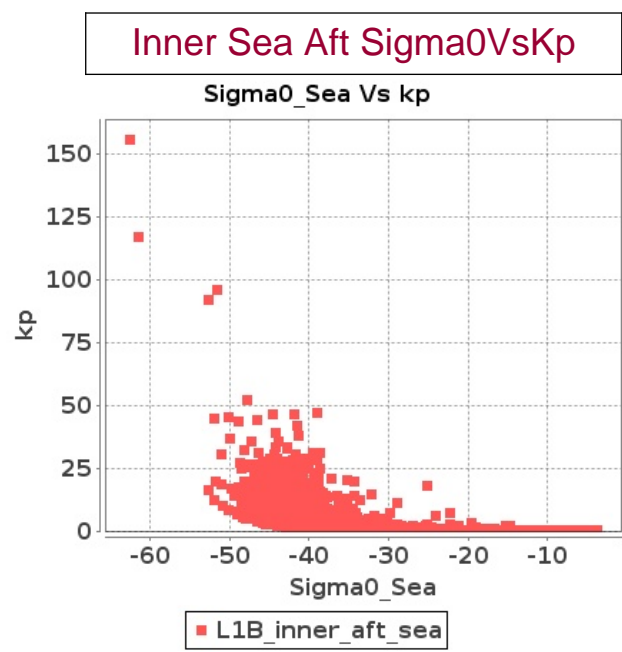


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 27-MAY-2018 To 28-MAY-2018





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

Report between 27-MAY-2018 To 28-MAY-2018

| | | | | | 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 | 8813 | 8814 | NS | 1 | 48.574 | 49.307 | 0.0 | 0.003 | 13.788 | 2.708 | 1015.376 | 1088.272 | 24.579 | -91.77 | -89.674 | 0.0 |
| 2 | 8813 | 8814 | SN | 1 | 48.859 | 49.515 | 0.0 | 0.003 | 6.464 | 2.7 | 1044.472 | 1092.568 | 0.0 | -91.752 | -89.982 | 0.0 |
| 3 | 8813 | 8814 | SN | 1 | 48.859 | 49.515 | 0.0 | 0.003 | 6.464 | 2.432 | 1045.776 | 1092.568 | 0.0 | -91.752 | -89.997 | 0.0 |
| 4 | 8814 | 8815 | SN | 1 | 48.878 | 49.514 | 0.0 | 0.003 | 279.974 | 2.401 | 1045.048 | 1092.728 | 0.0 | -91.682 | -89.989 | 0.0 |
| 5 | 8814 | 8815 | SN | 1 | 48.878 | 49.514 | 0.0 | 0.003 | 279.974 | 2.516 | 1044.312 | 1092.728 | 0.0 | -91.682 | -89.98 | 0.0 |
| 6 | 8814 | 8815 | NS | 1 | 48.627 | 49.307 | 0.0 | 0.003 | 42.838 | 2.601 | 1015.504 | 1088.472 | 26.663 | -91.603 | -89.657 | 0.0 |
| 7 | 8815 | 8816 | SN | 1 | 48.823 | 49.526 | 0.0 | 0.0 | 125.51 | 2.362 | 1045.208 | 1092.768 | 0.0 | -91.876 | -89.992 | 0.0 |
| 8 | 8815 | 8816 | SN | 1 | 48.814 | 49.521 | 0.0 | 0.0 | 125.51 | 2.54 | 1044.264 | 1092.768 | 0.0 | -91.876 | -89.981 | 0.0 |
| 9 | 8815 | 8816 | SN | 1 | 48.823 | 49.526 | 0.0 | 0.0 | 125.51 | 2.528 | 1044.264 | 1092.768 | 0.0 | -91.876 | -89.981 | 0.0 |
| 10 | 8815 | 8816 | NS | 1 | 48.627 | 49.308 | 0.0 | 0.0 | 264.615 | 2.693 | 1016.216 | 1088.616 | 27.029 | -91.65 | -89.671 | 0.0 |
| 11 | 8816 | 8817 | SN | 2 | 48.819 | 49.56 | 0.0 | 0.003 | 6.497 | 2.563 | 1044.168 | 1092.688 | 0.0 | -91.93 | -89.98 | 0.0 |
| 12 | 8816 | 8817 | NS | 1 | 48.577 | 49.336 | 0.0 | 0.003 | 267.312 | 2.65 | 1015.6 | 1088.568 | 26.584 | -91.617 | -89.674 | 0.0 |
| 13 | 8816 | 8817 | SN | 1 | 48.823 | 49.56 | 0.0 | 0.003 | 6.497 | 2.271 | 1045.448 | 1092.688 | 0.0 | -91.93 | -89.996 | 0.0 |
| 14 | 8816 | 8817 | SN | 1 | 48.819 | 49.56 | 0.0 | 0.003 | 6.491 | 2.562 | 1044.168 | 1092.688 | 0.0 | -91.93 | -89.98 | 0.0 |
| 15 | 8816 | 8817 | NS | 1 | 48.577 | 49.331 | 0.0 | 0.003 | 267.312 | 2.647 | 1015.336 | 1088.576 | 26.656 | -91.675 | -89.674 | 0.0 |
| 16 | 8817 | 8818 | NS | 1 | 48.576 | 49.307 | 0.0 | 0.003 | 267.312 | 2.69 | 1016.328 | 1088.568 | 27.091 | -91.522 | -89.686 | 0.0 |
| 17 | 8817 | 8818 | SN | 2 | 48.843 | 49.578 | 0.0 | 0.003 | 6.48 | 2.541 | 1044.168 | 1092.688 | 0.0 | -91.887 | -89.98 | 0.0 |
| 18 | 8817 | 8818 | SN | 1 | 48.843 | 49.578 | 0.0 | 0.003 | 6.48 | 2.541 | 1044.168 | 1092.688 | 0.0 | -91.887 | -89.98 | 0.0 |
| 19 | 8817 | 8818 | SN | 1 | 48.848 | 49.578 | 0.0 | 0.003 | 6.48 | 2.068 | 1046.08 | 1092.688 | 0.0 | -91.887 | -90.003 | 0.0 |
| 20 | 8817 | 8818 | NS | 1 | 48.576 | 49.308 | 0.0 | 0.003 | 267.312 | 2.693 | 1016.32 | 1088.576 | 27.014 | -91.544 | -89.686 | 0.0 |
| 21 | 8818 | 8819 | SN | 2 | 48.819 | 49.513 | 0.0 | 0.003 | 6.464 | 2.602 | 1044.104 | 1092.608 | 0.0 | -91.589 | -89.979 | 0.0 |
| 22 | 8818 | 8819 | SN | 1 | 48.819 | 49.513 | 0.0 | 0.003 | 6.464 | 2.391 | 1045.128 | 1092.608 | 0.0 | -91.589 | -89.991 | 0.0 |
| 23 | 8818 | 8819 | SN | 1 | 48.819 | 49.513 | 0.0 | 0.003 | 6.464 | 2.603 | 1044.104 | 1092.608 | 0.0 | -91.589 | -89.979 | 0.0 |
| 24 | 8818 | 8819 | NS | 1 | 48.628 | 49.347 | 0.0 | 0.003 | 42.457 | 2.598 | 1016.328 | 1088.496 | 27.592 | -91.724 | -89.692 | 0.0 |
| 25 | 8818 | 8819 | NS | 1 | 48.628 | 49.327 | 0.0 | 0.003 | 42.457 | 2.6 | 1016.312 | 1088.504 | 27.529 | -91.746 | -89.692 | 0.0 |
| 26 | 8819 | 8820 | NS | 2 | 48.6 | 49.308 | 0.0 | 0.003 | 264.935 | 2.658 | 1016.192 | 1088.608 | 27.983 | -91.375 | -89.696 | 0.0 |
| 27 | 8819 | 8820 | SN | 1 | 48.826 | 49.527 | 0.0 | 0.003 | 280.134 | 2.632 | 1044.008 | 1092.728 | 0.0 | -91.679 | -89.976 | 0.0 |
| 28 | 8819 | 8820 | NS | 1 | 48.599 | 49.309 | 0.0 | 0.003 | 267.45 | 2.657 | 1016.168 | 1088.616 | 28.01 | -91.374 | -89.696 | 0.0 |
| 29 | 8819 | 8820 | SN | 1 | 48.819 | 49.528 | 0.0 | 0.003 | 29.828 | 2.007 | 1046.432 | 1092.744 | 0.0 | -91.679 | -90.011 | 0.0 |
| 30 | 8819 | 8820 | SN | 1 | 48.809 | 49.528 | 0.0 | 0.003 | 29.828 | 2.633 | 1044.008 | 1092.744 | 0.0 | -91.679 | -89.976 | 0.0 |
| 31 | 8820 | 8821 | NS | 1 | 48.594 | 49.361 | 0.0 | 0.003 | 210.662 | 2.636 | 1016.032 | 1088.816 | 28.369 | -91.723 | -89.694 | 0.0 |
| 32 | 8820 | 8821 | SN | 1 | 48.873 | 49.514 | 0.0 | 0.0 | 214.853 | 1.546 | 1047.816 | 1092.936 | 0.0 | -91.865 | -90.006 | 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 | 8820 | 8821 | SN | 1 | 48.873 | 49.514 | 0.0 | 0.0 | 214.853 | 2.581 | 1044.064 | 1092.936 | 0.0 | -91.865 | -89.973 | 0.0 |
| 34 | 8820 | 8821 | NS | 2 | 48.594 | 49.36 | 0.0 | 0.003 | 210.662 | 2.634 | 1016.032 | 1088.816 | 28.362 | -91.723 | -89.694 | 0.0 |
| 35 | 8820 | 8821 | SN | 1 | 48.873 | 49.514 | 0.0 | 0.0 | 214.853 | 2.579 | 1044.064 | 1092.936 | 0.0 | -91.865 | -89.973 | 0.0 |
| 36 | 8821 | 8822 | SN | 1 | 48.832 | 49.523 | 0.0 | 0.0 | 215.267 | 2.498 | 1044.2 | 1093.032 | 0.0 | -91.79 | -89.95 | 0.0 |
| 37 | 8821 | 8822 | NS | 1 | 48.626 | 49.31 | 0.0 | 0.003 | 18.503 | 2.781 | 1015.48 | 1088.832 | 27.072 | -91.399 | -89.69 | 0.0 |
| 38 | 8822 | 8823 | NS | 1 | 48.595 | 49.316 | 0.0 | 0.0 | 267.417 | 2.821 | 1015.888 | 1088.744 | 28.534 | -91.754 | -89.67 | 0.0 |
| 39 | 8827 | 8828 | SN | 1 | 48.83 | 49.522 | 0.0 | 0.003 | 214.881 | 2.027 | 1045.976 | 1093.432 | 0.0 | -91.774 | -90.004 | 0.0 |
| 40 | 8827 | 8828 | SN | 1 | 48.83 | 49.522 | 0.0 | 0.0 | 214.881 | 2.715 | 1043.536 | 1093.432 | 0.0 | -91.774 | -89.974 | 0.0 |
| 41 | 8827 | 8828 | SN | 1 | 48.83 | 49.522 | 0.0 | 0.0 | 214.881 | 2.711 | 1043.536 | 1093.432 | 0.0 | -91.785 | -89.974 | 0.0 |
| 42 | 8828 | 8829 | SN | 1 | 48.819 | 49.517 | 0.0 | 0.003 | 6.486 | 2.578 | 1043.48 | 1093.392 | 0.0 | -91.832 | -89.973 | 0.0 |
| 43 | 8828 | 8829 | NS | 1 | 48.6 | 49.319 | 0.0 | 0.0 | 210.761 | 2.712 | 1015.072 | 1089.376 | 25.342 | -91.6 | -89.679 | 0.0 |
| 44 | 8828 | 8829 | SN | 1 | 48.819 | 49.517 | 0.0 | 0.003 | 6.486 | 2.58 | 1043.464 | 1093.392 | 0.0 | -91.832 | -89.972 | 0.0 |
| 45 | 8828 | 8829 | SN | 1 | 48.819 | 49.517 | 0.0 | 0.003 | 6.486 | 2.426 | 1044.376 | 1093.392 | 0.0 | -91.832 | -89.982 | 0.0 |
| 46 | 8829 | 8830 | NS | 1 | 48.599 | 49.312 | 0.0 | 0.003 | 206.928 | 2.531 | 1015.2 | 1089.52 | 26.744 | -91.553 | -89.64 | 0.0 |
| 47 | 8829 | 8830 | SN | 1 | 48.813 | 49.518 | 0.0 | 0.003 | 6.524 | 2.361 | 1044.104 | 1093.544 | 0.0 | -91.687 | -89.976 | 0.0 |
| 48 | 8829 | 8830 | SN | 2 | 48.813 | 49.518 | 0.0 | 0.003 | 6.524 | 2.361 | 1044.104 | 1093.544 | 0.0 | -91.687 | -89.976 | 0.0 |
| 49 | 8829 | 8830 | NS | 2 | 48.598 | 49.313 | 0.0 | 0.003 | 206.928 | 2.533 | 1015.184 | 1089.536 | 26.768 | -91.554 | -89.64 | 0.0 |
| 50 | 8829 | 8830 | SN | 1 | 48.813 | 49.518 | 0.0 | 0.003 | 6.524 | 2.5 | 1043.376 | 1093.544 | 0.0 | -91.687 | -89.972 | 0.0 |
| 51 | 8830 | 8831 | NS | 1 | 48.626 | 49.313 | 0.0 | 0.003 | 264.83 | 2.635 | 1016.408 | 1089.544 | 26.55 | -91.709 | -89.693 | 0.0 |
| 52 | 8830 | 8831 | SN | 1 | 48.794 | 49.516 | 0.0 | 0.003 | 280.145 | 2.307 | 1044.312 | 1093.472 | 0.0 | -91.812 | -89.984 | 0.0 |
| 53 | 8831 | 8832 | SN | 1 | 48.79 | 49.517 | 0.0 | 0.003 | 214.732 | 2.535 | 1043.256 | 1093.392 | 0.0 | -91.698 | -89.972 | 0.0 |
| 54 | 8831 | 8832 | NS | 1 | 48.628 | 49.312 | 0.0 | 0.003 | 264.736 | 2.651 | 1016.464 | 1089.48 | 26.587 | -91.741 | -89.686 | 0.0 |
| 55 | 8832 | 8833 | SN | 1 | 48.778 | 49.516 | 0.0 | 0.003 | 29.706 | 2.563 | 1043.24 | 1093.376 | 0.0 | -91.644 | -89.97 | 0.0 |
| 56 | 8832 | 8833 | NS | 1 | 48.573 | 49.344 | 0.0 | 0.0 | 207.006 | 3.018 | 1016.456 | 1089.48 | 27.154 | -91.341 | -89.685 | 0.0 |
| 57 | 8832 | 8833 | NS | 1 | 48.574 | 49.312 | 0.0 | 0.0 | 207.011 | 2.983 | 1016.48 | 1089.464 | 26.906 | -91.734 | -89.686 | 0.0 |
| 58 | 8832 | 8833 | SN | 1 | 48.777 | 49.516 | 0.0 | 0.003 | 29.706 | 1.967 | 1045.416 | 1093.376 | 0.0 | -91.644 | -89.999 | 0.0 |
| 59 | 8833 | 8834 | SN | 1 | 48.68 | 49.547 | 0.0 | 0.0 | 279.787 | 2.236 | 1044.76 | 1093.4 | 0.0 | -92.873 | -89.99 | 0.0 |
| 60 | 8833 | 8834 | SN | 1 | 48.68 | 49.547 | 0.0 | 0.0 | 279.787 | 2.632 | 1043.112 | 1093.4 | 0.0 | -92.873 | -89.973 | 0.0 |
| 61 | 8833 | 8834 | NS | 1 | 48.614 | 49.314 | 0.0 | 0.003 | 12.287 | 2.574 | 1015.648 | 1089.48 | 26.948 | -91.445 | -89.699 | 0.0 |
| 62 | 8834 | 8835 | SN | 1 | 48.756 | 49.518 | 0.0 | 0.003 | 214.484 | 1.742 | 1045.352 | 1093.624 | 0.0 | -91.686 | -90.011 | 0.0 |
| 63 | 8834 | 8835 | NS | 1 | 48.566 | 49.344 | 0.0 | 0.003 | 16.214 | 2.662 | 1016.168 | 1089.688 | 27.772 | -91.552 | -89.697 | 0.0 |
| 64 | 8835 | 8836 | NS | 1 | 48.564 | 49.345 | 0.0 | 0.003 | 267.169 | 2.639 | 1016.168 | 1089.824 | 28.032 | -94.366 | -89.684 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

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

| Inner | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|-------|------------|-----------|---------|------------|
| SNR | | | | | | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 8813 | 8814 | NS | 1 | -34.857 | 27.436 | 0.268 | -33.412 | 27.848 | 0.031 | -0.15 | 30.758 | 19.573 | 5.006 | 36.383 | 31.21 | 0.116 | 296.558 | 3.874 | 0.116 | 212.639 | 2.882 | 0.116 | 0.203 | 0.0 | 0.116 | 0.141 | 0.0 |
| 2 | 8813 | 8814 | SN | 1 | -34.854 | 26.606 | 1.176 | -34.215 | 26.104 | 2.256 | -27.474 | 34.797 | 14.291 | -31.373 | 29.642 | 18.22 | 0.116 | 296.322 | 2.753 | 0.116 | 255.858 | 2.352 | 0.116 | 54.25 | 0.156 | 0.116 | 133.002 | 0.164 |
| 3 | 8813 | 8814 | SN | 1 | -34.854 | 26.606 | 0.685 | -34.215 | 26.104 | 2.357 | -27.474 | 34.797 | 14.296 | -31.373 | 29.642 | 18.219 | 0.116 | 296.322 | 2.903 | 0.116 | 255.858 | 2.473 | 0.116 | 54.25 | 0.156 | 0.116 | 133.002 | 0.164 |
| 4 | 8814 | 8815 | SN | 1 | -34.085 | 24.452 | 0.506 | -34.68 | 25.179 | 0.829 | 5.316 | 29.002 | 9.783 | 5.737 | 29.912 | 5.2 | 0.116 | 248.254 | 3.192 | 0.116 | 284.759 | 2.273 | 0.116 | 0.139 | 0.0 | 0.116 | 0.137 | 0.0 |
| 5 | 8814 | 8815 | SN | 1 | -34.085 | 24.452 | 0.498 | -34.68 | 25.179 | 0.816 | 5.316 | 29.002 | 9.783 | 5.737 | 29.912 | 5.2 | 0.116 | 248.254 | 3.139 | 0.116 | 284.759 | 2.236 | 0.116 | 0.139 | 0.0 | 0.116 | 0.137 | 0.0 |
| 6 | 8814 | 8815 | NS | 1 | -34.441 | 27.116 | 0.034 | -34.192 | 28.317 | 0.029 | -13.918 | 34.002 | 14.149 | -22.914 | 36.383 | 26.328 | 0.116 | 269.431 | 3.282 | 0.116 | 254.482 | 3.156 | 0.116 | 2.478 | 0.01 | 0.116 | 19.042 | 0.005 |
| 7 | 8815 | 8816 | SN | 1 | -34.25 | 23.445 | 0.031 | -34.275 | 23.926 | 0.079 | 5.921 | 28.844 | 16.262 | 6.471 | 29.446 | 8.34 | 0.116 | 257.932 | 3.216 | 0.116 | 259.358 | 2.463 | 0.116 | 0.136 | 0.0 | 0.116 | 0.133 | 0.0 |
| 8 | 8815 | 8816 | SN | 1 | -33.497 | 23.445 | 0.031 | -34.476 | 23.926 | 0.078 | 5.919 | 28.844 | 16.417 | 6.471 | 29.446 | 8.337 | 0.116 | 216.867 | 3.16 | 0.116 | 271.698 | 2.427 | 0.116 | 0.136 | 0.0 | 0.116 | 0.133 | 0.0 |
| 9 | 8815 | 8816 | SN | 1 | -34.25 | 23.445 | 0.031 | -34.275 | 23.926 | 0.078 | 5.921 | 28.844 | 16.262 | 6.471 | 29.446 | 8.333 | 0.116 | 257.932 | 3.166 | 0.116 | 259.358 | 2.429 | 0.116 | 0.136 | 0.0 | 0.116 | 0.133 | 0.0 |
| 10 | 8815 | 8816 | NS | 1 | -32.628 | 24.902 | 0.006 | -33.104 | 24.734 | 0.003 | -17.704 | 29.26 | 11.189 | -15.2 | 30.04 | 19.922 | 0.116 | 177.516 | 1.324 | 0.116 | 198.089 | 1.017 | 0.116 | 5.8 | 0.007 | 0.116 | 3.299 | 0.002 |
| 11 | 8816 | 8817 | SN | 2 | -34.048 | 23.411 | 0.015 | -34.543 | 24.149 | 0.07 | 1.683 | 27.667 | 14.325 | 5.966 | 28.064 | 9.181 | 0.116 | 246.21 | 2.753 | 0.116 | 275.838 | 2.695 | 0.116 | 0.172 | 0.0 | 0.116 | 0.136 | 0.0 |
| 12 | 8816 | 8817 | NS | 1 | -34.043 | 27.136 | 0.036 | -29.769 | 21.705 | 0.0 | -8.68 | 30.348 | 6.954 | -7.213 | 30.807 | 14.137 | 0.116 | 245.952 | 0.983 | 0.116 | 91.962 | 0.8 | 0.116 | 0.807 | 0.0 | 0.116 | 0.604 | 0.0 |
| 13 | 8816 | 8817 | SN | 1 | -34.048 | 23.411 | 0.016 | -34.543 | 24.149 | 0.071 | 1.683 | 27.667 | 14.34 | 5.966 | 28.064 | 9.256 | 0.116 | 246.21 | 2.819 | 0.116 | 275.838 | 2.745 | 0.116 | 0.172 | 0.0 | 0.116 | 0.136 | 0.0 |
| 14 | 8816 | 8817 | SN | 1 | -34.048 | 23.411 | 0.015 | -34.543 | 24.149 | 0.07 | 1.683 | 27.667 | 14.325 | 5.966 | 28.064 | 9.18 | 0.116 | 246.21 | 2.753 | 0.116 | 275.838 | 2.695 | 0.116 | 0.172 | 0.0 | 0.116 | 0.136 | 0.0 |
| 15 | 8816 | 8817 | NS | 1 | -34.601 | 27.136 | 0.036 | -30.226 | 21.705 | 0.0 | -8.658 | 30.348 | 6.964 | -7.229 | 30.807 | 14.131 | 0.116 | 279.612 | 0.988 | 0.116 | 102.182 | 0.801 | 0.116 | 0.804 | 0.0 | 0.116 | 0.606 | 0.0 |
| 16 | 8817 | 8818 | NS | 1 | -33.808 | 24.076 | 0.002 | -34.584 | 23.505 | 0.002 | -15.994 | 28.669 | 12.435 | -11.898 | 30.682 | 19.354 | 0.116 | 232.952 | 5.83 | 0.116 | 278.52 | 5.786 | 0.116 | 3.942 | 0.01 | 0.116 | 1.591 | 0.001 |
| 17 | 8817 | 8818 | SN | 2 | -33.888 | 23.259 | 0.004 | -33.986 | 23.751 | 0.003 | 6.006 | 28.23 | 15.58 | 6.165 | 28.792 | 16.876 | 0.116 | 237.338 | 1.977 | 0.116 | 242.672 | 1.782 | 0.116 | 0.135 | 0.0 | 0.116 | 0.135 | 0.0 |
| 18 | 8817 | 8818 | SN | 1 | -33.888 | 23.259 | 0.004 | -33.986 | 23.751 | 0.003 | 6.006 | 28.23 | 15.58 | 6.165 | 28.792 | 16.876 | 0.116 | 237.338 | 1.977 | 0.116 | 242.672 | 1.782 | 0.116 | 0.135 | 0.0 | 0.116 | 0.135 | 0.0 |
| 19 | 8817 | 8818 | SN | 1 | -33.888 | 23.259 | 0.004 | -33.986 | 23.751 | 0.003 | 6.006 | 28.23 | 15.962 | 6.165 | 28.792 | 17.339 | 0.116 | 237.338 | 2.039 | 0.116 | 242.672 | 1.838 | 0.116 | 0.135 | 0.0 | 0.116 | 0.135 | 0.0 |
| 20 | 8817 | 8818 | NS | 1 | -34.968 | 24.076 | 0.002 | -34.403 | 23.505 | 0.002 | -16.025 | 28.669 | 12.454 | -11.898 | 30.682 | 19.23 | 0.116 | 304.265 | 5.832 | 0.116 | 267.19 | 5.777 | 0.116 | 3.97 | 0.01 | 0.116 | 1.591 | 0.001 |
| 21 | 8818 | 8819 | SN | 2 | -34.591 | 20.699 | 0.0 | -34.956 | 22.676 | 0.001 | 5.215 | 27.924 | 13.996 | 6.281 | 28.632 | 12.261 | 0.116 | 278.962 | 2.38 | 0.116 | 303.425 | 2.176 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 22 | 8818 | 8819 | SN | 1 | -34.591 | 20.699 | 0.0 | -34.956 | 22.676 | 0.001 | 5.215 | 27.924 | 14.025 | 6.287 | 28.632 | 12.261 | 0.116 | 278.962 | 2.417 | 0.116 | 303.425 | 2.216 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 23 | 8818 | 8819 | SN | 1 | -34.591 | 20.699 | 0.0 | -34.956 | 22.676 | 0.001 | 5.215 | 27.924 | 13.996 | 6.281 | 28.632 | 12.261 | 0.116 | 278.962 | 2.38 | 0.116 | 303.425 | 2.176 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 24 | 8818 | 8819 | NS | 1 | -34.414 | 23.358 | 0.036 | -34.376 | 22.812 | 0.023 | -8.906 | 29.534 | 8.485 | -7.699 | 31.123 | 15.534 | 0.116 | 267.88 | 1.333 | 0.116 | 265.476 | 1.198 | 0.116 | 0.846 | 0.0 | 0.116 | 0.664 | 0.0 |
| 25 | 8818 | 8819 | NS | 1 | -34.414 | 23.358 | 0.036 | -33.74 | 22.812 | 0.023 | -8.906 | 29.534 | 8.491 | -7.699 | 31.123 | 15.529 | 0.116 | 267.88 | 1.332 | 0.116 | 229.344 | 1.2 | 0.116 | 0.846 | 0.0 | 0.116 | 0.664 | 0.0 |
| 26 | 8819 | 8820 | NS | 2 | -34.131 | 27.0 | 0.347 | -34.934 | 27.019 | 0.701 | 6.246 | 28.75 | 18.331 | 7.963 | 29.726 | 28.35 | 0.116 | 250.942 | 2.018 | 0.116 | 301.935 | 1.796 | 0.116 | 0.134 | 0.0 | 0.116 | 0.128 | 0.0 |
| 27 | 8819 | 8820 | SN | 1 | -34.946 | 24.731 | 0.028 | -34.388 | 24.462 | 0.041 | -17.451 | 32.88 | 11.117 | -25.19 | 33.183 | 12.212 | 0.116 | 302.718 | 5.789 | 0.116 | 266.273 | 5.193 | 0.116 | 5.479 | 0.015 | 0.116 | 32.102 | 0.006 |
| 28 | 8819 | 8820 | NS | 1 | -34.131 | 26.998 | 0.346 | -34.934 | 27.019 | 0.701 | 6.246 | 28.75 | 18.331 | 7.963 | 29.726 | 28.346 | 0.116 | 250.942 | 2.018 | 0.116 | 301.935 | 1.796 | 0.116 | 0.134 | 0.0 | 0.116 | 0.128 | 0.0 |
| 29 | 8819 | 8820 | SN | 1 | -33.976 | 24.731 | 0.03 | -34.679 | 24.462 | 0.045 | -17.493 | 32.883 | 11.178 | -25.873 | 33.194 | 12.156 | 0.116 | 242.146 | 6.083 | 0.116 | 284.625 | 5.57 | 0.116 | 5.531 | 0.015 | 0.116 | 37.552 | 0.006 |
| 30 | 8819 | 8820 | SN | 1 | -33.976 | 24.731 | 0.028 | -34.679 | 24.462 | 0.042 | -17.493 | 32.883 | 11.118 | -25.873 | 33.183 | 12.215 | 0.116 | 242.146 | 5.772 | 0.116 | 284.625 | 5.181 | 0.116 | 5.531 | 0.015 | 0.116 | 37.552 | 0.006 |
| 31 | 8820 | 8821 | NS | 1 | -34.929 | 24.073 | 0.132 | -34.872 | 25.862 | 0.255 | -7.866 | 30.866 | 23.292 | -3.19 | 30.439 | 37.899 | 0.116 | 301.565 | 3.547 | 0.116 | 297.62 | 3.095 | 0.116 | 0.686 | 0.0 | 0.116 | 0.3 | 0.0 |
| 32 | 8820 | 8821 | SN | 1 | -34.049 | 26.322 | 0.053 | -34.711 | 28.236 | 0.07 | -17.912 | 30.942 | 17.564 | -16.475 | 31.878 | 20.28 | 0.116 | 246.24 | 4.669 | 0.116 | 286.772 | 4.05 | 0.116 | 6.082 | 0.014 | 0.116 | 4.393 | 0.006 |
| 33 | 8820 | 8821 | SN | 1 | -34.049 | 26.322 | 0.048 | -34.711 | 28.236 | 0.103 | -17.592 | 30.942 | 16.412 | -16.409 | 31.878 | 20.181 | 0.116 | 246.24 | 4.24 | 0.116 | 286.772 | 3.438 | 0.116 | 5.656 | 0.011 | 0.116 | 4.328 | 0.006 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 34 | 8820 | 8821 | NS | 2 | -34.929 | 24.073 | 0.132 | -34.8 | 25.862 | 0.255 | -7.866 | 30.866 | 23.296 | -3.193 | 30.439 | 37.899 | 0.116 | 301.565 | 3.547 | 0.116 | 292.638 | 3.095 | 0.116 | 0.686 | 0.0 | 0.116 | 0.3 | 0.0 |
| 35 | 8820 | 8821 | SN | 1 | -34.049 | 26.322 | 0.048 | -34.711 | 28.236 | 0.103 | -17.62 | 30.94 | 16.425 | -16.406 | 31.878 | 20.148 | 0.116 | 246.24 | 4.234 | 0.116 | 286.772 | 3.437 | 0.116 | 5.691 | 0.011 | 0.116 | 4.324 | 0.006 |
| 36 | 8821 | 8822 | SN | 1 | -32.827 | 26.511 | 0.087 | -33.812 | 27.896 | 0.163 | -24.283 | 28.962 | 16.028 | -11.718 | 30.363 | 14.35 | 0.116 | 185.87 | 2.54 | 0.116 | 233.206 | 2.446 | 0.116 | 26.071 | 0.007 | 0.116 | 1.53 | 0.002 |
| 37 | 8821 | 8822 | NS | 1 | -34.123 | 28.473 | 0.1 | -34.801 | 28.601 | 0.186 | -27.544 | 28.847 | 29.036 | -19.769 | 32.515 | 43.755 | 0.116 | 250.5 | 1.869 | 0.116 | 292.768 | 1.796 | 0.116 | 55.144 | 0.075 | 0.116 | 9.277 | 0.031 |
| 38 | 8822 | 8823 | NS | 1 | -34.854 | 27.845 | 0.093 | -33.995 | 28.057 | 0.041 | -31.183 | 35.044 | 13.853 | -34.065 | 32.017 | 24.527 | 0.116 | 296.389 | 3.705 | 0.116 | 243.243 | 3.787 | 0.116 | 127.302 | 0.506 | 0.116 | 247.172 | 0.494 |
| 39 | 8827 | 8828 | SN | 1 | -32.457 | 26.333 | 0.602 | -32.184 | 27.051 | 2.012 | -30.027 | 28.001 | 12.184 | -33.345 | 29.582 | 16.786 | 0.116 | 170.728 | 1.747 | 0.116 | 160.264 | 1.529 | 0.116 | 97.584 | 0.199 | 0.116 | 209.422 | 0.201 |
| 40 | 8827 | 8828 | SN | 1 | -32.779 | 26.333 | 0.961 | -32.184 | 27.051 | 1.842 | -29.1 | 28.001 | 12.286 | -30.578 | 29.582 | 16.784 | 0.116 | 183.867 | 1.663 | 0.116 | 160.264 | 1.383 | 0.116 | 78.852 | 0.197 | 0.116 | 110.763 | 0.196 |
| 41 | 8827 | 8828 | SN | 1 | -33.429 | 26.333 | 0.961 | -34.354 | 27.051 | 1.834 | -34.572 | 28.001 | 12.283 | -32.074 | 29.582 | 16.782 | 0.116 | 213.516 | 1.665 | 0.116 | 264.11 | 1.392 | 0.116 | 277.792 | 0.195 | 0.116 | 156.316 | 0.196 |
| 42 | 8828 | 8829 | SN | 1 | -34.741 | 26.841 | 1.189 | -34.515 | 26.963 | 1.797 | -23.171 | 33.001 | 10.814 | -24.784 | 29.678 | 7.11 | 0.116 | 288.713 | 4.078 | 0.116 | 274.099 | 3.306 | 0.116 | 20.199 | 0.036 | 0.116 | 29.25 | 0.052 |
| 43 | 8828 | 8829 | NS | 1 | -34.984 | 27.675 | 0.039 | -34.697 | 29.522 | 0.02 | -1.859 | 34.594 | 17.45 | -1.083 | 35.41 | 32.688 | 0.116 | 305.354 | 3.967 | 0.116 | 285.917 | 4.371 | 0.116 | 0.249 | 0.0 | 0.116 | 0.226 | 0.0 |
| 44 | 8828 | 8829 | SN | 1 | -34.843 | 26.841 | 1.19 | -34.835 | 26.963 | 1.797 | -23.369 | 33.001 | 10.822 | -24.913 | 29.678 | 7.119 | 0.116 | 295.619 | 4.067 | 0.116 | 295.054 | 3.309 | 0.116 | 21.132 | 0.036 | 0.116 | 30.116 | 0.052 |
| 45 | 8828 | 8829 | SN | 1 | -34.843 | 26.841 | 1.219 | -34.835 | 26.963 | 1.838 | -23.38 | 33.001 | 10.822 | -24.913 | 29.678 | 7.119 | 0.116 | 295.619 | 4.166 | 0.116 | 295.054 | 3.386 | 0.116 | 21.185 | 0.036 | 0.116 | 30.116 | 0.052 |
| 46 | 8829 | 8830 | NS | 1 | -33.238 | 24.912 | 0.009 | -33.484 | 23.843 | 0.01 | -13.066 | 29.463 | 10.915 | -7.45 | 30.062 | 20.448 | 0.116 | 204.367 | 2.2 | 0.116 | 216.261 | 2.295 | 0.116 | 2.053 | 0.003 | 0.116 | 0.632 | 0.0 |
| 47 | 8829 | 8830 | SN | 1 | -33.536 | 24.384 | 0.09 | -34.801 | 25.12 | 0.173 | 5.308 | 28.487 | 12.699 | 4.923 | 31.355 | 6.977 | 0.116 | 218.82 | 1.367 | 0.116 | 292.77 | 0.974 | 0.116 | 0.139 | 0.0 | 0.116 | 0.141 | 0.0 |
| 48 | 8829 | 8830 | SN | 2 | -33.536 | 24.384 | 0.09 | -34.801 | 25.12 | 0.173 | 5.308 | 28.487 | 12.699 | 4.923 | 31.355 | 6.977 | 0.116 | 218.82 | 1.367 | 0.116 | 292.77 | 0.974 | 0.116 | 0.139 | 0.0 | 0.116 | 0.141 | 0.0 |
| 49 | 8829 | 8830 | NS | 2 | -33.238 | 24.912 | 0.009 | -33.484 | 23.843 | 0.01 | -13.066 | 29.463 | 10.914 | -7.45 | 30.062 | 20.447 | 0.116 | 204.367 | 2.2 | 0.116 | 216.261 | 2.296 | 0.116 | 2.053 | 0.003 | 0.116 | 0.632 | 0.0 |
| 50 | 8829 | 8830 | SN | 1 | -33.536 | 24.384 | 0.088 | -34.801 | 25.12 | 0.171 | 5.308 | 28.487 | 12.699 | 4.923 | 31.355 | 6.977 | 0.116 | 218.82 | 1.345 | 0.116 | 292.77 | 0.961 | 0.116 | 0.139 | 0.0 | 0.116 | 0.141 | 0.0 |
| 51 | 8830 | 8831 | NS | 1 | -34.306 | 25.812 | 0.016 | -34.444 | 25.037 | 0.025 | -3.525 | 31.144 | 10.284 | -0.931 | 29.741 | 19.593 | 0.116 | 261.278 | 2.569 | 0.116 | 269.632 | 1.83 | 0.116 | 0.316 | 0.0 | 0.116 | 0.222 | 0.0 |
| 52 | 8830 | 8831 | SN | 1 | -34.97 | 23.508 | 0.014 | -34.642 | 24.014 | 0.065 | 5.944 | 28.368 | 13.495 | 6.26 | 28.468 | 5.662 | 0.116 | 304.371 | 4.854 | 0.116 | 282.213 | 4.006 | 0.116 | 0.136 | 0.0 | 0.116 | 0.134 | 0.0 |
| 53 | 8831 | 8832 | SN | 1 | -34.895 | 23.781 | 0.061 | -33.611 | 24.211 | 0.104 | 3.144 | 28.515 | 18.439 | 5.279 | 28.61 | 19.206 | 0.116 | 299.238 | 1.9 | 0.116 | 222.675 | 1.968 | 0.116 | 0.155 | 0.0 | 0.116 | 0.139 | 0.0 |
| 54 | 8831 | 8832 | NS | 1 | -34.826 | 23.143 | 0.002 | -32.699 | 23.015 | 0.036 | -5.068 | 28.567 | 7.837 | -2.548 | 31.889 | 14.408 | 0.116 | 294.478 | 1.982 | 0.116 | 180.459 | 1.758 | 0.116 | 0.407 | 0.0 | 0.116 | 0.273 | 0.0 |
| 55 | 8832 | 8833 | SN | 1 | -34.499 | 21.63 | 0.0 | -34.936 | 24.414 | 0.003 | 4.06 | 27.93 | 15.679 | 4.117 | 29.291 | 16.103 | 0.116 | 273.169 | 3.969 | 0.116 | 302.009 | 3.822 | 0.116 | 0.147 | 0.0 | 0.116 | 0.147 | 0.0 |
| 56 | 8832 | 8833 | NS | 1 | -34.753 | 21.101 | 0.0 | -34.923 | 21.64 | 0.0 | -29.724 | 28.869 | 9.232 | -25.553 | 29.975 | 15.174 | 0.116 | 289.546 | 2.843 | 0.116 | 301.095 | 1.777 | 0.116 | 97.48 | 0.029 | 0.116 | 34.892 | 0.027 |
| 57 | 8832 | 8833 | NS | 1 | -34.903 | 21.103 | 0.0 | -34.923 | 21.644 | 0.0 | -29.724 | 28.872 | 9.208 | -25.553 | 29.972 | 15.325 | 0.116 | 299.748 | 2.816 | 0.116 | 301.095 | 1.755 | 0.116 | 97.48 | 0.029 | 0.116 | 34.892 | 0.027 |
| 58 | 8832 | 8833 | SN | 1 | -34.499 | 21.63 | 0.0 | -34.846 | 24.414 | 0.002 | 6.6 | 27.93 | 16.408 | 4.876 | 29.291 | 16.456 | 0.116 | 273.169 | 4.114 | 0.116 | 295.817 | 3.982 | 0.116 | 0.133 | 0.0 | 0.116 | 0.141 | 0.0 |
| 59 | 8833 | 8834 | SN | 1 | -34.625 | 21.828 | 0.0 | -34.979 | 22.953 | 0.002 | -6.417 | 29.257 | 11.888 | -13.035 | 29.814 | 11.089 | 0.116 | 281.105 | 6.848 | 0.116 | 305.037 | 5.84 | 0.116 | 0.519 | 0.0 | 0.116 | 2.039 | 0.003 |
| 60 | 8833 | 8834 | SN | 1 | -34.625 | 21.828 | 0.0 | -34.979 | 22.955 | 0.002 | -6.415 | 29.257 | 11.85 | -15.966 | 29.814 | 11.119 | 0.116 | 281.105 | 6.65 | 0.116 | 305.037 | 5.804 | 0.116 | 0.519 | 0.0 | 0.116 | 3.918 | 0.003 |
| 61 | 8833 | 8834 | NS | 1 | -34.258 | 26.075 | 0.411 | -34.588 | 26.737 | 0.735 | -5.976 | 29.324 | 12.128 | -4.406 | 30.151 | 17.778 | 0.116 | 258.407 | 2.849 | 0.116 | 278.712 | 2.707 | 0.116 | 0.478 | 0.0 | 0.116 | 0.364 | 0.0 |
| 62 | 8834 | 8835 | SN | 1 | -33.659 | 23.776 | 0.014 | -34.683 | 24.16 | 0.02 | -19.498 | 33.394 | 13.471 | -11.639 | 33.958 | 14.346 | 0.116 | 225.087 | 7.447 | 0.116 | 284.951 | 6.772 | 0.116 | 8.722 | 0.008 | 0.116 | 1.504 | 0.002 |
| 63 | 8834 | 8835 | NS | 1 | -34.629 | 25.513 | 0.548 | -34.905 | 27.668 | 0.939 | 4.918 | 32.866 | 13.383 | 7.797 | 30.011 | 23.138 | 0.116 | 281.473 | 1.997 | 0.116 | 299.813 | 1.527 | 0.116 | 0.141 | 0.0 | 0.116 | 0.128 | 0.0 |
| 64 | 8835 | 8836 | NS | 1 | -34.823 | 24.163 | 0.108 | -34.575 | 25.189 | 0.297 | -6.37 | 30.102 | 30.583 | -2.634 | 30.188 | 47.374 | 0.116 | 294.206 | 3.655 | 0.116 | 277.94 | 3.022 | 0.116 | 0.514 | 0.0 | 0.116 | 0.277 | 0.0 |

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

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

| | | | | | Outer | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 8813 | 8814 | NS | 1 | 57.332 | 58.173 | 0.0 | 0.0 | 290.96 | 3.82 | 1188.704 | 1278.792 | 38.62 | -93.471 | -91.728 | 0.0 |
| 2 | 8813 | 8814 | SN | 1 | 57.66 | 58.399 | 0.0 | 0.0 | 296.415 | 3.791 | 1224.328 | 1285.04 | 8.873 | -93.136 | -92.035 | 0.0 |
| 3 | 8813 | 8814 | SN | 1 | 57.66 | 58.399 | 0.0 | 0.0 | 287.177 | 3.571 | 1225.896 | 1285.04 | 9.066 | -93.136 | -92.052 | 0.0 |
| 4 | 8814 | 8815 | SN | 1 | 57.657 | 58.398 | 0.0 | 0.0 | 292.108 | 3.387 | 1225.008 | 1285.24 | 8.58 | -93.186 | -92.042 | 0.0 |
| 5 | 8814 | 8815 | SN | 1 | 57.657 | 58.398 | 0.0 | 0.0 | 292.108 | 3.57 | 1224.136 | 1285.24 | 8.495 | -93.186 | -92.034 | 0.0 |
| 6 | 8814 | 8815 | NS | 1 | 57.361 | 58.174 | 0.0 | 0.0 | 289.62 | 3.622 | 1189.392 | 1279.032 | 42.126 | -93.47 | -91.715 | 0.0 |
| 7 | 8815 | 8816 | SN | 1 | 57.637 | 58.43 | 0.0 | 0.0 | 299.018 | 3.344 | 1225.176 | 1285.296 | 8.597 | -94.476 | -92.045 | 0.0 |
| 8 | 8815 | 8816 | SN | 1 | 57.631 | 58.415 | 0.0 | 0.0 | 299.018 | 3.533 | 1224.08 | 1285.296 | 8.518 | -94.476 | -92.037 | 0.0 |
| 9 | 8815 | 8816 | SN | 1 | 57.637 | 58.43 | 0.0 | 0.0 | 299.018 | 3.534 | 1224.08 | 1285.296 | 8.493 | -94.476 | -92.037 | 0.0 |
| 10 | 8815 | 8816 | NS | 1 | 57.339 | 58.175 | 0.0 | 0.0 | 292.218 | 3.637 | 1189.856 | 1279.208 | 42.933 | -93.469 | -91.718 | 0.0 |
| 11 | 8816 | 8817 | SN | 2 | 57.62 | 58.41 | 0.0 | 0.0 | 297.485 | 3.544 | 1223.96 | 1285.192 | 8.44 | -93.184 | -92.033 | 0.0 |
| 12 | 8816 | 8817 | NS | 1 | 57.337 | 58.174 | 0.0 | 0.0 | 294.595 | 3.64 | 1189.224 | 1279.152 | 41.653 | -93.468 | -91.724 | 0.0 |
| 13 | 8816 | 8817 | SN | 1 | 57.623 | 58.41 | 0.0 | 0.0 | 297.485 | 3.308 | 1225.528 | 1285.192 | 8.594 | -93.184 | -92.052 | 0.0 |
| 14 | 8816 | 8817 | SN | 1 | 57.62 | 58.41 | 0.0 | 0.0 | 296.078 | 3.543 | 1223.968 | 1285.192 | 8.441 | -93.184 | -92.033 | 0.0 |
| 15 | 8816 | 8817 | NS | 1 | 57.337 | 58.174 | 0.0 | 0.0 | 294.595 | 3.637 | 1189.84 | 1279.152 | 41.711 | -93.468 | -91.724 | 0.0 |
| 16 | 8817 | 8818 | NS | 1 | 57.332 | 58.175 | 0.0 | 0.0 | 299.2 | 3.775 | 1189.992 | 1279.152 | 42.358 | -92.996 | -91.738 | 0.0 |
| 17 | 8817 | 8818 | SN | 2 | 57.625 | 58.425 | 0.0 | 0.0 | 298.08 | 3.535 | 1223.984 | 1285.2 | 8.339 | -93.244 | -92.032 | 0.0 |
| 18 | 8817 | 8818 | SN | 1 | 57.625 | 58.425 | 0.0 | 0.0 | 298.08 | 3.535 | 1223.984 | 1285.2 | 8.339 | -93.244 | -92.032 | 0.0 |
| 19 | 8817 | 8818 | SN | 1 | 57.624 | 58.425 | 0.0 | 0.003 | 298.08 | 3.185 | 1226.224 | 1285.2 | 8.593 | -93.244 | -92.058 | 0.0 |
| 20 | 8817 | 8818 | NS | 1 | 57.332 | 58.175 | 0.0 | 0.0 | 299.277 | 3.778 | 1189.984 | 1279.16 | 42.295 | -93.034 | -91.738 | 0.0 |
| 21 | 8818 | 8819 | SN | 2 | 57.62 | 58.396 | 0.0 | 0.0 | 288.148 | 3.587 | 1223.904 | 1285.104 | 8.415 | -93.03 | -92.034 | 0.0 |
| 22 | 8818 | 8819 | SN | 1 | 57.62 | 58.396 | 0.0 | 0.0 | 288.148 | 3.39 | 1225.16 | 1285.104 | 8.535 | -93.03 | -92.045 | 0.0 |
| 23 | 8818 | 8819 | SN | 1 | 57.62 | 58.396 | 0.0 | 0.0 | 288.148 | 3.587 | 1223.896 | 1285.104 | 8.415 | -93.03 | -92.034 | 0.0 |
| 24 | 8818 | 8819 | NS | 1 | 57.364 | 58.173 | 0.0 | 0.0 | 298.93 | 3.707 | 1189.96 | 1279.056 | 42.871 | -93.468 | -91.744 | 0.0 |
| 25 | 8818 | 8819 | NS | 1 | 57.363 | 58.174 | 0.0 | 0.0 | 298.946 | 3.711 | 1189.944 | 1279.064 | 42.818 | -93.468 | -91.744 | 0.0 |
| 26 | 8819 | 8820 | NS | 2 | 57.363 | 58.176 | 0.0 | 0.0 | 287.045 | 3.655 | 1189.808 | 1279.2 | 43.846 | -93.467 | -91.75 | 0.0 |
| 27 | 8819 | 8820 | SN | 1 | 57.628 | 58.406 | 0.0 | 0.0 | 287.023 | 3.656 | 1223.384 | 1285.24 | 9.095 | -93.135 | -92.029 | 0.0 |
| 28 | 8819 | 8820 | NS | 1 | 57.362 | 58.176 | 0.0 | 0.0 | 287.061 | 3.655 | 1189.784 | 1279.216 | 43.864 | -93.467 | -91.75 | 0.0 |
| 29 | 8819 | 8820 | SN | 1 | 57.624 | 58.407 | 0.0 | 0.003 | 287.012 | 3.194 | 1226.616 | 1285.264 | 9.484 | -93.135 | -92.061 | 0.0 |
| 30 | 8819 | 8820 | SN | 1 | 57.626 | 58.407 | 0.0 | 0.003 | 287.012 | 3.66 | 1223.776 | 1285.264 | 9.118 | -93.135 | -92.029 | 0.0 |
| 31 | 8820 | 8821 | NS | 1 | 57.34 | 58.178 | 0.0 | 0.0 | 290.916 | 3.71 | 1189.64 | 1279.448 | 43.905 | -93.465 | -91.747 | 0.0 |
| 32 | 8820 | 8821 | SN | 1 | 57.64 | 58.413 | 0.0 | 0.0 | 288.037 | 2.368 | 1227.848 | 1285.496 | 10.179 | -94.822 | -92.061 | 0.0 |
| 33 | 8820 | 8821 | SN | 1 | 57.651 | 58.413 | 0.0 | 0.0 | 299.464 | 3.576 | 1223.848 | 1285.496 | 9.337 | -94.822 | -92.009 | 0.0 |
| 34 | 8820 | 8821 | NS | 2 | 57.34 | 58.178 | 0.0 | 0.0 | 290.916 | 3.709 | 1189.632 | 1279.464 | 43.901 | -93.465 | -91.747 | 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 |

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-----|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 8820 | 8821 | SN | 1 | 57.651 | 58.413 | 0.0 | 0.0 | 299.464 | 3.573 | 1223.848 | 1285.496 | 9.327 | -94.822 | -92.009 | 0.0 |
| 36 | 8821 | 8822 | SN | 1 | 57.606 | 58.4 | 0.0 | 0.0 | 295.422 | 3.516 | 1224.024 | 1285.624 | 9.07 | -93.166 | -92.001 | 0.0 |
| 37 | 8821 | 8822 | NS | 1 | 57.334 | 58.178 | 0.0 | 0.0 | 297.804 | 3.959 | 1189.048 | 1279.48 | 42.178 | -93.466 | -91.723 | 0.0 |
| 38 | 8822 | 8823 | NS | 1 | 57.329 | 58.176 | 0.0 | 0.0 | 291.153 | 3.897 | 1189.264 | 1279.368 | 44.345 | -93.466 | -91.717 | 0.0 |
| 39 | 8827 | 8828 | SN | 1 | 57.603 | 58.405 | 0.0 | 0.0 | 290.034 | 3.289 | 1226.144 | 1286.12 | 11.482 | -93.337 | -92.06 | 0.0 |
| 40 | 8827 | 8828 | SN | 1 | 57.603 | 58.405 | 0.0 | 0.0 | 290.034 | 3.823 | 1223.2 | 1286.12 | 11.051 | -93.337 | -92.027 | 0.0 |
| 41 | 8827 | 8828 | SN | 1 | 57.603 | 58.405 | 0.0 | 0.0 | 290.034 | 3.819 | 1223.2 | 1286.12 | 11.039 | -93.337 | -92.027 | 0.0 |
| 42 | 8828 | 8829 | SN | 1 | 57.59 | 58.412 | 0.0 | 0.0 | 290.883 | 3.617 | 1223.136 | 1286.064 | 10.541 | -93.19 | -92.026 | 0.0 |
| 43 | 8828 | 8829 | NS | 1 | 57.345 | 58.183 | 0.0 | 0.0 | 290.475 | 3.807 | 1188.928 | 1280.152 | 40.342 | -93.46 | -91.732 | 0.0 |
| 44 | 8828 | 8829 | SN | 1 | 57.59 | 58.412 | 0.0 | 0.0 | 290.883 | 3.622 | 1223.12 | 1286.064 | 10.553 | -93.19 | -92.026 | 0.0 |
| 45 | 8828 | 8829 | SN | 1 | 57.59 | 58.412 | 0.0 | 0.0 | 290.883 | 3.455 | 1224.224 | 1286.064 | 10.703 | -93.19 | -92.036 | 0.0 |
| 46 | 8829 | 8830 | NS | 1 | 57.361 | 58.182 | 0.0 | 0.0 | 292.411 | 3.542 | 1189.848 | 1280.312 | 42.523 | -93.46 | -91.696 | 0.0 |
| 47 | 8829 | 8830 | SN | 1 | 57.584 | 58.404 | 0.0 | 0.0 | 294.556 | 3.328 | 1223.848 | 1286.232 | 10.37 | -93.044 | -92.031 | 0.0 |
| 48 | 8829 | 8830 | SN | 2 | 57.584 | 58.404 | 0.0 | 0.0 | 294.556 | 3.328 | 1223.848 | 1286.232 | 10.37 | -93.044 | -92.031 | 0.0 |
| 49 | 8829 | 8830 | NS | 2 | 57.36 | 58.183 | 0.0 | 0.0 | 292.477 | 3.539 | 1189.824 | 1280.336 | 42.547 | -93.46 | -91.695 | 0.0 |
| 50 | 8829 | 8830 | SN | 1 | 57.584 | 58.404 | 0.0 | 0.0 | 294.556 | 3.495 | 1223.0 | 1286.232 | 10.252 | -93.044 | -92.025 | 0.0 |
| 51 | 8830 | 8831 | NS | 1 | 57.334 | 58.183 | 0.0 | 0.0 | 294.484 | 3.623 | 1190.016 | 1280.344 | 42.55 | -93.459 | -91.749 | 0.0 |
| 52 | 8830 | 8831 | SN | 1 | 57.563 | 58.402 | 0.0 | 0.0 | 287.729 | 3.31 | 1224.16 | 1286.144 | 10.479 | -94.161 | -92.04 | 0.0 |
| 53 | 8831 | 8832 | SN | 1 | 57.538 | 58.401 | 0.0 | 0.0 | 297.7 | 3.563 | 1222.864 | 1286.064 | 10.151 | -93.157 | -92.025 | 0.0 |
| 54 | 8831 | 8832 | NS | 1 | 57.363 | 58.182 | 0.0 | 0.0 | 297.7 | 3.664 | 1190.112 | 1280.264 | 41.651 | -93.009 | -91.736 | 0.0 |
| 55 | 8832 | 8833 | SN | 1 | 57.533 | 58.402 | 0.0 | 0.0 | 293.96 | 3.537 | 1222.824 | 1286.048 | 10.39 | -94.381 | -92.024 | 0.0 |
| 56 | 8832 | 8833 | NS | 1 | 57.334 | 58.181 | 0.0 | 0.0 | 298.918 | 4.011 | 1190.088 | 1280.24 | 43.17 | -93.456 | -91.738 | 0.0 |
| 57 | 8832 | 8833 | NS | 1 | 57.335 | 58.18 | 0.0 | 0.0 | 298.841 | 4.073 | 1189.336 | 1280.208 | 42.688 | -93.456 | -91.738 | 0.0 |
| 58 | 8832 | 8833 | SN | 1 | 57.529 | 58.402 | 0.0 | 0.0 | 293.96 | 3.098 | 1224.312 | 1286.048 | 10.789 | -93.154 | -92.053 | 0.0 |
| 59 | 8833 | 8834 | SN | 1 | 57.475 | 58.5 | 0.0 | 0.0 | 291.242 | 3.365 | 1224.136 | 1286.072 | 10.834 | -95.416 | -92.044 | 0.0 |
| 60 | 8833 | 8834 | SN | 1 | 57.475 | 58.5 | 0.0 | 0.0 | 291.242 | 3.649 | 1218.96 | 1286.072 | 10.564 | -95.416 | -92.023 | 0.0 |
| 61 | 8833 | 8834 | NS | 1 | 57.354 | 58.183 | 0.0 | 0.0 | 296.553 | 3.659 | 1189.744 | 1280.272 | 42.753 | -93.01 | -91.752 | 0.0 |
| 62 | 8834 | 8835 | SN | 1 | 57.521 | 58.404 | 0.0 | 0.0 | 297.424 | 2.927 | 1224.192 | 1286.344 | 12.158 | -93.152 | -92.066 | 0.0 |
| 63 | 8834 | 8835 | NS | 1 | 57.326 | 58.186 | 0.0 | 0.0 | 292.664 | 3.626 | 1189.48 | 1280.536 | 43.76 | -94.348 | -91.75 | 0.0 |
| 64 | 8835 | 8836 | NS | 1 | 57.325 | 58.187 | 0.0 | 0.0 | 292.074 | 3.756 | 1189.264 | 1280.704 | 43.138 | -94.235 | -91.73 | 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 |

| Outer | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|-------------|-----------|----------|------|---------|----------|------------|---------|-----------|------------|---------|---------|------------|---------|----------|------------|-------|----------|------------|-------|-----------|------------|-------|---------|------------|-------|--------|------------|
| SNR | | | | | | | | | | | | | | | | | Kp | | | | | | | | | | | |
| Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | | | | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 8813 | 8814 | NS | 1 | -34.665 | 20.948 | 0.0 | -34.98 | 21.511 | 0.0 | 0.775 | 22.896 | 0.051 | 2.328 | 24.817 | 0.303 | 0.086 | 222.406 | 3.953 | 0.086 | 233.185 | 3.835 | 0.086 | 0.138 | 0.0 | 0.086 | 0.121 | 0.0 |
| 2 | 8813 | 8814 | SN | 1 | -34.837 | 20.637 | 0.0 | -32.909 | 19.757 | 0.0 | -33.518 | 22.661 | 0.039 | -21.899 | 23.428 | 0.069 | 0.086 | 225.638 | 2.209 | 0.086 | 144.749 | 1.875 | 0.086 | 166.559 | 0.081 | 0.086 | 11.532 | 0.078 |
| 3 | 8813 | 8814 | SN | 1 | -34.837 | 20.637 | 0.0 | -32.909 | 19.757 | 0.0 | -33.518 | 22.661 | 0.039 | -21.899 | 23.428 | 0.069 | 0.086 | 225.638 | 2.3 | 0.086 | 144.749 | 1.968 | 0.086 | 166.559 | 0.081 | 0.086 | 11.532 | 0.078 |
| 4 | 8814 | 8815 | SN | 1 | -34.694 | 18.39 | 0.0 | -34.993 | 19.185 | 0.0 | 1.167 | 22.718 | 0.029 | 0.076 | 23.253 | 0.058 | 0.086 | 218.364 | 2.804 | 0.086 | 233.918 | 2.308 | 0.086 | 0.133 | 0.0 | 0.086 | 0.148 | 0.0 |
| 5 | 8814 | 8815 | SN | 1 | -34.694 | 18.39 | 0.0 | -34.993 | 19.185 | 0.0 | 1.167 | 22.718 | 0.029 | 0.076 | 23.253 | 0.058 | 0.086 | 218.364 | 2.757 | 0.086 | 233.918 | 2.277 | 0.086 | 0.133 | 0.0 | 0.086 | 0.148 | 0.0 |
| 6 | 8814 | 8815 | NS | 1 | -34.742 | 21.386 | 0.0 | -34.728 | 22.488 | 0.001 | -14.426 | 23.0 | 0.024 | -14.99 | 23.462 | 0.131 | 0.086 | 220.753 | 2.145 | 0.086 | 220.087 | 2.208 | 0.086 | 2.116 | 0.005 | 0.086 | 2.401 | 0.004 |
| 7 | 8815 | 8816 | SN | 1 | -34.968 | 17.73 | 0.0 | -34.391 | 17.729 | 0.0 | 1.062 | 22.871 | 0.025 | 2.565 | 22.876 | 0.205 | 0.086 | 232.524 | 2.453 | 0.086 | 203.628 | 2.037 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 8 | 8815 | 8816 | SN | 1 | -33.924 | 17.735 | 0.0 | -34.652 | 17.729 | 0.0 | 1.062 | 22.87 | 0.025 | 2.565 | 22.877 | 0.196 | 0.086 | 182.884 | 2.408 | 0.086 | 216.253 | 2.017 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 9 | 8815 | 8816 | SN | 1 | -34.968 | 17.73 | 0.0 | -34.391 | 17.729 | 0.0 | 1.062 | 22.871 | 0.025 | 2.565 | 22.876 | 0.204 | 0.086 | 232.524 | 2.412 | 0.086 | 203.628 | 2.014 | 0.086 | 0.134 | 0.0 | 0.086 | 0.119 | 0.0 |
| 10 | 8815 | 8816 | NS | 1 | -34.502 | 18.04 | 0.0 | -34.035 | 16.043 | 0.0 | -7.63 | 22.192 | 0.004 | -25.722 | 23.17 | 0.087 | 0.086 | 208.905 | 0.99 | 0.087 | 187.642 | 0.831 | 0.086 | 0.496 | 0.0 | 0.086 | 27.722 | 0.016 |
| 11 | 8816 | 8817 | SN | 2 | -34.98 | 17.676 | 0.0 | -34.716 | 17.984 | 0.0 | 0.967 | 22.689 | 0.141 | 1.266 | 22.734 | 0.333 | 0.086 | 233.25 | 2.33 | 0.086 | 219.438 | 2.442 | 0.086 | 0.136 | 0.0 | 0.086 | 0.132 | 0.0 |
| 12 | 8816 | 8817 | NS | 1 | -34.793 | 16.304 | 0.0 | -34.472 | 18.874 | 0.0 | -23.062 | 22.556 | 0.02 | -24.105 | 23.306 | 0.103 | 0.087 | 223.385 | 0.904 | 0.086 | 207.456 | 1.001 | 0.086 | 15.054 | 0.004 | 0.086 | 19.122 | 0.013 |
| 13 | 8816 | 8817 | SN | 1 | -34.98 | 17.676 | 0.0 | -34.976 | 17.984 | 0.0 | 0.967 | 22.689 | 0.141 | 1.266 | 22.734 | 0.345 | 0.086 | 233.25 | 2.382 | 0.086 | 232.946 | 2.48 | 0.086 | 0.136 | 0.0 | 0.086 | 0.132 | 0.0 |
| 14 | 8816 | 8817 | SN | 1 | -34.98 | 17.676 | 0.0 | -34.716 | 17.984 | 0.0 | 0.967 | 22.689 | 0.141 | 1.266 | 22.734 | 0.333 | 0.086 | 233.25 | 2.33 | 0.086 | 219.438 | 2.442 | 0.086 | 0.136 | 0.0 | 0.086 | 0.132 | 0.0 |
| 15 | 8816 | 8817 | NS | 1 | -33.341 | 16.304 | 0.0 | -34.781 | 18.874 | 0.0 | -23.463 | 22.559 | 0.02 | -24.105 | 23.306 | 0.103 | 0.087 | 159.885 | 0.905 | 0.086 | 222.774 | 1.0 | 0.086 | 16.501 | 0.004 | 0.086 | 19.122 | 0.013 |
| 16 | 8817 | 8818 | NS | 1 | -34.606 | 15.065 | 0.0 | -34.792 | 15.458 | 0.0 | -14.036 | 23.309 | 0.043 | -16.724 | 22.976 | 0.064 | 0.087 | 213.971 | 5.154 | 0.087 | 229.001 | 5.481 | 0.086 | 1.94 | 0.012 | 0.086 | 3.548 | 0.004 |
| 17 | 8817 | 8818 | SN | 2 | -34.544 | 17.461 | 0.0 | -34.64 | 17.865 | 0.0 | 0.978 | 22.158 | 0.005 | 1.207 | 23.444 | 0.347 | 0.087 | 210.949 | 1.976 | 0.086 | 215.617 | 1.895 | 0.086 | 0.136 | 0.0 | 0.086 | 0.133 | 0.0 |
| 18 | 8817 | 8818 | SN | 1 | -34.544 | 17.461 | 0.0 | -34.64 | 17.865 | 0.0 | 0.978 | 22.158 | 0.005 | 1.207 | 23.444 | 0.347 | 0.087 | 210.949 | 1.976 | 0.086 | 215.617 | 1.895 | 0.086 | 0.136 | 0.0 | 0.086 | 0.133 | 0.0 |
| 19 | 8817 | 8818 | SN | 1 | -34.982 | 17.461 | 0.0 | -34.64 | 17.865 | 0.0 | 0.978 | 22.158 | 0.005 | 1.207 | 23.444 | 0.367 | 0.087 | 233.289 | 2.034 | 0.086 | 215.617 | 1.951 | 0.086 | 0.136 | 0.0 | 0.086 | 0.133 | 0.0 |
| 20 | 8817 | 8818 | NS | 1 | -34.356 | 15.068 | 0.0 | -34.133 | 15.458 | 0.0 | -14.036 | 23.309 | 0.044 | -16.723 | 22.976 | 0.064 | 0.087 | 201.987 | 5.147 | 0.087 | 191.868 | 5.47 | 0.086 | 1.94 | 0.012 | 0.086 | 3.546 | 0.004 |
| 21 | 8818 | 8819 | SN | 2 | -34.388 | 16.16 | 0.0 | -34.677 | 16.408 | 0.0 | 0.129 | 22.706 | 0.011 | 0.851 | 22.483 | 0.021 | 0.087 | 203.505 | 2.148 | 0.087 | 217.488 | 1.875 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 22 | 8818 | 8819 | SN | 1 | -34.388 | 16.16 | 0.0 | -34.677 | 16.408 | 0.0 | 0.141 | 22.706 | 0.011 | 0.84 | 22.483 | 0.021 | 0.087 | 203.505 | 2.175 | 0.087 | 217.488 | 1.908 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 23 | 8818 | 8819 | SN | 1 | -34.388 | 16.16 | 0.0 | -34.677 | 16.408 | 0.0 | 0.129 | 22.706 | 0.011 | 0.851 | 22.483 | 0.021 | 0.087 | 203.505 | 2.148 | 0.087 | 217.488 | 1.875 | 0.086 | 0.147 | 0.0 | 0.086 | 0.137 | 0.0 |
| 24 | 8818 | 8819 | NS | 1 | -34.622 | 18.253 | 0.0 | -34.162 | 19.078 | 0.0 | -20.516 | 22.624 | 0.032 | -18.731 | 23.228 | 0.156 | 0.086 | 214.713 | 1.324 | 0.086 | 193.169 | 1.238 | 0.086 | 8.404 | 0.086 | 0.086 | 5.592 | 0.027 |
| 25 | 8818 | 8819 | NS | 1 | -34.827 | 18.253 | 0.0 | -34.162 | 19.078 | 0.0 | -20.51 | 22.624 | 0.032 | -18.734 | 23.227 | 0.156 | 0.086 | 225.152 | 1.324 | 0.086 | 193.169 | 1.24 | 0.086 | 8.392 | 0.086 | 0.086 | 5.598 | 0.027 |
| 26 | 8819 | 8820 | NS | 2 | -34.765 | 19.672 | 0.0 | -34.697 | 20.052 | 0.0 | 3.2 | 22.724 | 0.17 | 2.237 | 23.725 | 0.543 | 0.086 | 221.944 | 1.997 | 0.086 | 218.493 | 1.927 | 0.086 | 0.114 | 0.0 | 0.086 | 0.122 | 0.0 |
| 27 | 8819 | 8820 | SN | 1 | -34.725 | 16.945 | 0.0 | -34.849 | 17.961 | 0.0 | -13.35 | 23.54 | 0.34 | -8.486 | 24.095 | 0.877 | 0.087 | 219.929 | 5.02 | 0.086 | 226.248 | 4.587 | 0.086 | 1.667 | 0.002 | 0.086 | 0.589 | 0.0 |
| 28 | 8819 | 8820 | NS | 1 | -34.765 | 19.672 | 0.0 | -34.697 | 20.052 | 0.0 | 3.2 | 22.724 | 0.17 | 2.237 | 23.725 | 0.543 | 0.086 | 221.944 | 1.997 | 0.086 | 218.493 | 1.926 | 0.086 | 0.114 | 0.0 | 0.086 | 0.122 | 0.0 |
| 29 | 8819 | 8820 | SN | 1 | -34.748 | 16.945 | 0.0 | -34.809 | 17.961 | 0.0 | -13.335 | 23.54 | 0.346 | -8.486 | 24.095 | 0.877 | 0.087 | 221.098 | 5.235 | 0.086 | 224.176 | 4.934 | 0.086 | 1.661 | 0.002 | 0.086 | 0.589 | 0.0 |
| 30 | 8819 | 8820 | SN | 1 | -34.748 | 16.945 | 0.0 | -34.809 | 17.961 | 0.0 | -13.343 | 23.54 | 0.34 | -8.486 | 24.095 | 0.877 | 0.087 | 221.098 | 4.989 | 0.086 | 224.176 | 4.588 | 0.086 | 1.663 | 0.002 | 0.086 | 0.589 | 0.0 |
| 31 | 8820 | 8821 | NS | 1 | -34.604 | 18.006 | 0.0 | -34.625 | 18.252 | 0.0 | -4.138 | 23.468 | 0.158 | -0.911 | 24.065 | 0.824 | 0.086 | 213.884 | 3.501 | 0.086 | 214.87 | 3.135 | 0.086 | 0.262 | 0.0 | 0.086 | 0.165 | 0.0 |
| 32 | 8820 | 8821 | SN | 1 | -34.914 | 18.962 | 0.0 | -34.277 | 20.285 | 0.0 | -16.079 | 24.021 | 0.173 | -20.474 | 24.208 | 0.697 | 0.086 | 229.683 | 3.974 | 0.086 | 198.358 | 3.67 | 0.086 | 3.067 | 0.005 | 0.086 | 8.324 | 0.005 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 8820 | 8821 | SN | 1 | -34.914 | 18.962 | 0.0 | -34.277 | 20.285 | 0.0 | -17.759 | 24.021 | 0.159 | -20.456 | 24.208 | 0.77 | 0.086 | 229.683 | 3.67 | 0.086 | 198.358 | 3.099 | 0.086 | 4.485 | 0.004 | 0.086 | 8.289 | 0.005 |
| 34 | 8820 | 8821 | NS | 2 | -34.604 | 18.004 | 0.0 | -34.625 | 18.252 | 0.0 | -4.138 | 23.467 | 0.158 | -0.912 | 24.065 | 0.824 | 0.086 | 213.884 | 3.501 | 0.086 | 214.87 | 3.136 | 0.086 | 0.262 | 0.0 | 0.086 | 0.165 | 0.0 |
| 35 | 8820 | 8821 | SN | 1 | -34.914 | 18.962 | 0.0 | -34.472 | 20.285 | 0.0 | -18.296 | 24.021 | 0.159 | -20.765 | 24.208 | 0.768 | 0.086 | 229.683 | 3.673 | 0.086 | 207.464 | 3.098 | 0.086 | 5.066 | 0.004 | 0.086 | 8.895 | 0.005 |
| 36 | 8821 | 8822 | SN | 1 | -33.967 | 19.182 | 0.0 | -34.7 | 19.248 | 0.0 | -19.558 | 23.501 | 0.112 | -6.669 | 23.801 | 0.36 | 0.086 | 184.69 | 2.425 | 0.086 | 218.648 | 2.378 | 0.086 | 6.754 | 0.042 | 0.086 | 0.412 | 0.0 |
| 37 | 8821 | 8822 | NS | 1 | -34.461 | 21.658 | 0.0 | -34.765 | 22.118 | 0.001 | -26.733 | 23.048 | 0.115 | -32.969 | 24.612 | 1.791 | 0.086 | 206.888 | 1.712 | 0.086 | 221.949 | 1.571 | 0.086 | 34.977 | 0.112 | 0.086 | 146.81 | 0.092 |
| 38 | 8822 | 8823 | NS | 1 | -34.399 | 20.914 | 0.0 | -34.413 | 22.327 | 0.003 | -28.078 | 22.133 | 0.011 | -30.977 | 24.126 | 1.473 | 0.086 | 203.956 | 3.143 | 0.086 | 204.635 | 3.314 | 0.086 | 47.638 | 0.201 | 0.086 | 92.81 | 0.186 |
| 39 | 8827 | 8828 | SN | 1 | -34.158 | 19.398 | 0.0 | -33.891 | 19.641 | 0.0 | -31.596 | 22.475 | 0.011 | -32.596 | 22.786 | 0.011 | 0.086 | 193.002 | 1.815 | 0.086 | 181.513 | 1.697 | 0.086 | 107.006 | 0.22 | 0.086 | 134.751 | 0.249 |
| 40 | 8827 | 8828 | SN | 1 | -33.565 | 19.398 | 0.0 | -33.891 | 19.641 | 0.0 | -31.784 | 22.475 | 0.012 | -32.129 | 22.786 | 0.011 | 0.086 | 168.363 | 1.755 | 0.086 | 181.513 | 1.534 | 0.086 | 111.745 | 0.221 | 0.086 | 121.009 | 0.253 |
| 41 | 8827 | 8828 | SN | 1 | -34.931 | 19.398 | 0.0 | -33.899 | 19.641 | 0.0 | -32.088 | 22.475 | 0.012 | -30.191 | 22.786 | 0.011 | 0.086 | 236.449 | 1.754 | 0.086 | 181.813 | 1.549 | 0.086 | 119.855 | 0.221 | 0.086 | 77.451 | 0.254 |
| 42 | 8828 | 8829 | SN | 1 | -34.572 | 19.31 | 0.0 | -34.686 | 19.451 | 0.0 | -29.933 | 22.856 | 0.012 | -32.521 | 23.178 | 0.086 | 0.086 | 212.286 | 2.62 | 0.086 | 217.955 | 2.221 | 0.086 | 72.982 | 0.342 | 0.086 | 132.41 | 0.49 |
| 43 | 8828 | 8829 | NS | 1 | -34.598 | 21.282 | 0.0 | -34.959 | 21.754 | 0.0 | -13.765 | 22.664 | 0.025 | -13.684 | 24.743 | 0.176 | 0.086 | 213.547 | 3.165 | 0.086 | 232.062 | 3.766 | 0.086 | 1.827 | 0.004 | 0.086 | 1.794 | 0.003 |
| 44 | 8828 | 8829 | SN | 1 | -34.872 | 19.31 | 0.0 | -34.679 | 19.451 | 0.0 | -34.386 | 22.856 | 0.012 | -32.629 | 23.178 | 0.087 | 0.086 | 227.497 | 2.624 | 0.086 | 217.59 | 2.215 | 0.086 | 203.409 | 0.347 | 0.086 | 135.727 | 0.485 |
| 45 | 8828 | 8829 | SN | 1 | -34.872 | 19.31 | 0.0 | -34.679 | 19.451 | 0.0 | -34.58 | 22.856 | 0.012 | -34.937 | 23.178 | 0.087 | 0.086 | 227.497 | 2.691 | 0.086 | 217.59 | 2.266 | 0.086 | 212.639 | 0.347 | 0.086 | 236.777 | 0.487 |
| 46 | 8829 | 8830 | NS | 1 | -34.609 | 17.61 | 0.0 | -33.972 | 17.865 | 0.0 | -11.531 | 22.716 | 0.025 | -27.703 | 23.496 | 0.146 | 0.087 | 214.083 | 1.651 | 0.086 | 184.878 | 1.83 | 0.086 | 1.119 | 0.005 | 0.086 | 43.705 | 0.062 |
| 47 | 8829 | 8830 | SN | 1 | -34.725 | 17.744 | 0.0 | -34.592 | 18.222 | 0.0 | 0.2 | 22.887 | 0.071 | 1.499 | 22.938 | 0.218 | 0.086 | 219.934 | 1.277 | 0.086 | 213.296 | 1.038 | 0.086 | 0.146 | 0.0 | 0.086 | 0.13 | 0.0 |
| 48 | 8829 | 8830 | SN | 2 | -34.725 | 17.744 | 0.0 | -34.592 | 18.222 | 0.0 | 0.2 | 22.887 | 0.071 | 1.499 | 22.938 | 0.218 | 0.086 | 219.934 | 1.277 | 0.086 | 213.296 | 1.038 | 0.086 | 0.146 | 0.0 | 0.086 | 0.13 | 0.0 |
| 49 | 8829 | 8830 | NS | 2 | -34.609 | 17.61 | 0.0 | -33.972 | 17.865 | 0.0 | -11.533 | 22.716 | 0.025 | -27.703 | 23.496 | 0.146 | 0.087 | 214.083 | 1.651 | 0.086 | 184.878 | 1.83 | 0.086 | 1.119 | 0.005 | 0.086 | 43.705 | 0.062 |
| 50 | 8829 | 8830 | SN | 1 | -34.725 | 17.744 | 0.0 | -34.592 | 18.222 | 0.0 | 0.2 | 22.887 | 0.071 | 1.499 | 22.938 | 0.218 | 0.086 | 219.934 | 1.256 | 0.086 | 213.296 | 1.024 | 0.086 | 0.146 | 0.0 | 0.086 | 0.13 | 0.0 |
| 51 | 8830 | 8831 | NS | 1 | -34.917 | 18.858 | 0.0 | -33.497 | 17.632 | 0.0 | -21.065 | 22.87 | 0.012 | -18.028 | 23.416 | 0.095 | 0.086 | 229.82 | 1.375 | 0.087 | 165.741 | 1.219 | 0.086 | 9.53 | 0.014 | 0.086 | 4.889 | 0.009 |
| 52 | 8830 | 8831 | SN | 1 | -34.75 | 17.307 | 0.0 | -34.711 | 17.83 | 0.0 | 0.887 | 22.235 | 0.023 | 0.35 | 22.874 | 0.242 | 0.087 | 221.196 | 3.849 | 0.086 | 219.205 | 3.242 | 0.086 | 0.137 | 0.0 | 0.086 | 0.144 | 0.0 |
| 53 | 8831 | 8832 | SN | 1 | -34.145 | 17.384 | 0.0 | -34.317 | 18.074 | 0.0 | -0.023 | 22.102 | 0.006 | -0.414 | 22.877 | 0.367 | 0.087 | 192.449 | 2.244 | 0.086 | 200.172 | 2.295 | 0.086 | 0.15 | 0.0 | 0.086 | 0.156 | 0.0 |
| 54 | 8831 | 8832 | NS | 1 | -33.149 | 17.358 | 0.0 | -34.649 | 15.767 | 0.0 | -14.596 | 22.936 | 0.043 | -10.436 | 23.044 | 0.112 | 0.087 | 152.991 | 2.023 | 0.087 | 216.103 | 2.134 | 0.086 | 2.198 | 0.004 | 0.086 | 0.884 | 0.0 |
| 55 | 8832 | 8833 | SN | 1 | -34.34 | 16.398 | 0.0 | -34.82 | 16.705 | 0.0 | 0.324 | 21.663 | 0.0 | 0.195 | 22.224 | 0.028 | 0.087 | 201.279 | 3.664 | 0.087 | 224.778 | 3.426 | 0.086 | 0.144 | 0.0 | 0.086 | 0.146 | 0.0 |
| 56 | 8832 | 8833 | NS | 1 | -34.488 | 19.893 | 0.0 | -34.402 | 15.517 | 0.0 | -17.632 | 22.936 | 0.039 | -19.62 | 23.123 | 0.152 | 0.086 | 208.233 | 1.952 | 0.087 | 204.17 | 1.71 | 0.086 | 4.359 | 0.014 | 0.086 | 6.85 | 0.012 |
| 57 | 8832 | 8833 | NS | 1 | -34.691 | 19.893 | 0.0 | -34.402 | 15.517 | 0.0 | -17.632 | 22.938 | 0.039 | -19.62 | 23.123 | 0.149 | 0.086 | 218.199 | 1.945 | 0.087 | 204.17 | 1.685 | 0.086 | 4.359 | 0.014 | 0.086 | 6.85 | 0.012 |
| 58 | 8832 | 8833 | SN | 1 | -34.564 | 16.398 | 0.0 | -34.82 | 16.705 | 0.0 | 0.573 | 21.663 | 0.0 | 0.178 | 22.224 | 0.028 | 0.087 | 211.907 | 3.782 | 0.087 | 224.778 | 3.497 | 0.086 | 0.141 | 0.0 | 0.086 | 0.146 | 0.0 |
| 59 | 8833 | 8834 | SN | 1 | -34.943 | 16.562 | 0.0 | -34.823 | 16.386 | 0.0 | -8.465 | 22.888 | 0.22 | -0.835 | 23.73 | 0.518 | 0.087 | 231.264 | 6.182 | 0.087 | 224.886 | 5.589 | 0.086 | 0.587 | 0.0 | 0.086 | 0.164 | 0.0 |
| 60 | 8833 | 8834 | SN | 1 | -34.943 | 16.562 | 0.0 | -34.956 | 16.386 | 0.0 | -8.466 | 22.888 | 0.216 | -0.838 | 23.73 | 0.518 | 0.087 | 231.264 | 6.021 | 0.087 | 231.907 | 5.59 | 0.086 | 0.587 | 0.0 | 0.086 | 0.164 | 0.0 |
| 61 | 8833 | 8834 | NS | 1 | -34.779 | 19.534 | 0.0 | -34.968 | 20.125 | 0.0 | -17.786 | 22.734 | 0.11 | -17.676 | 23.202 | 0.346 | 0.086 | 222.703 | 2.93 | 0.086 | 232.559 | 2.829 | 0.086 | 4.512 | 0.071 | 0.086 | 4.4 | 0.038 |
| 62 | 8834 | 8835 | SN | 1 | -34.204 | 18.348 | 0.0 | -34.744 | 18.795 | 0.0 | -9.565 | 23.222 | 0.368 | -7.186 | 25.031 | 1.129 | 0.086 | 195.046 | 5.643 | 0.086 | 228.445 | 5.116 | 0.086 | 0.736 | 0.0 | 0.086 | 0.455 | 0.0 |
| 63 | 8834 | 8835 | NS | 1 | -34.656 | 20.45 | 0.0 | -34.213 | 20.951 | 0.0 | 2.708 | 22.8 | 0.063 | 1.606 | 23.668 | 0.495 | 0.086 | 216.377 | 2.716 | 0.086 | 195.464 | 2.547 | 0.086 | 0.118 | 0.0 | 0.086 | 0.128 | 0.0 |
| 64 | 8835 | 8836 | NS | 1 | -34.601 | 18.029 | 0.0 | -34.818 | 18.509 | 0.0 | -0.674 | 23.222 | 0.12 | -0.714 | 24.177 | 1.277 | 0.086 | 213.734 | 2.686 | 0.086 | 224.695 | 2.234 | 0.086 | 0.161 | 0.0 | 0.086 | 0.162 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors