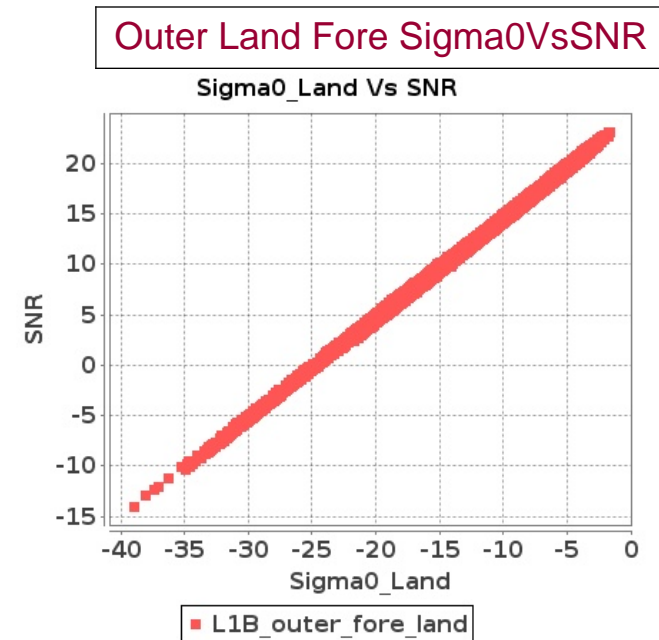
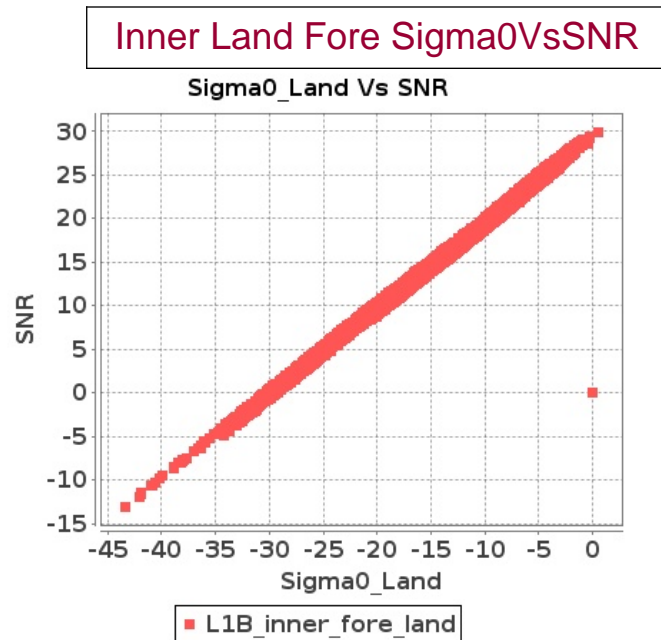
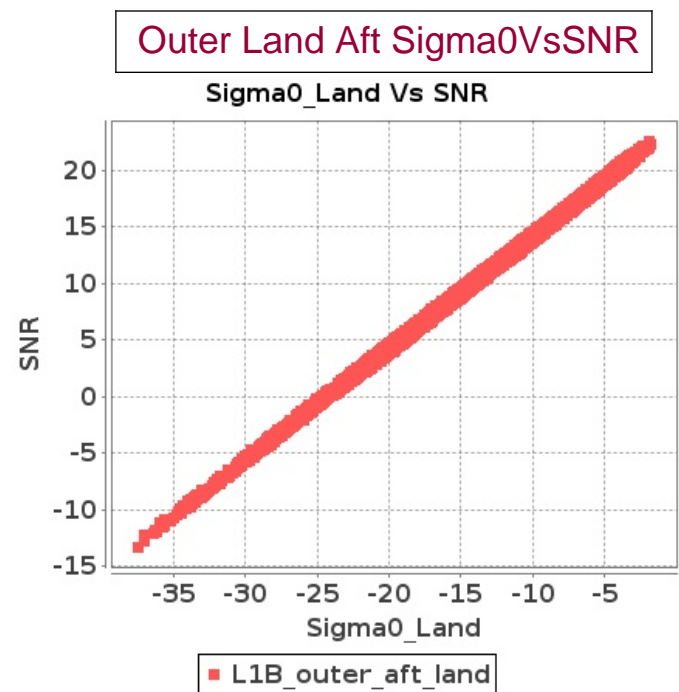
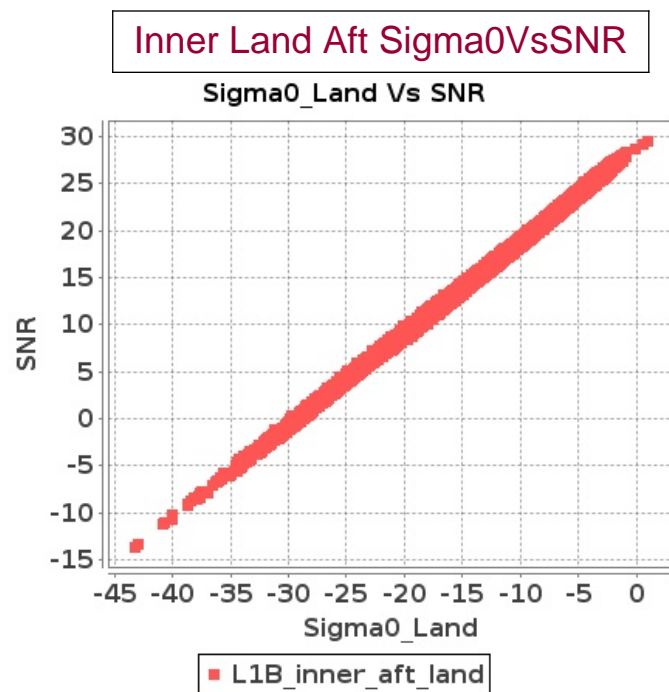
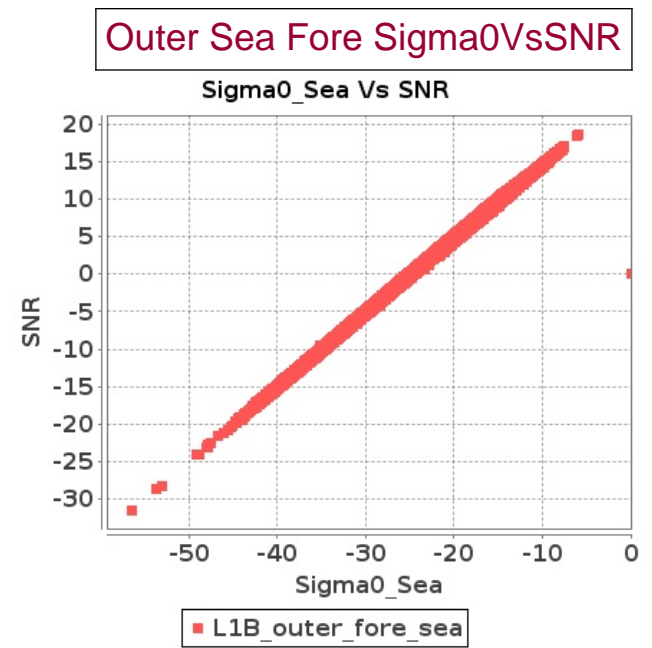
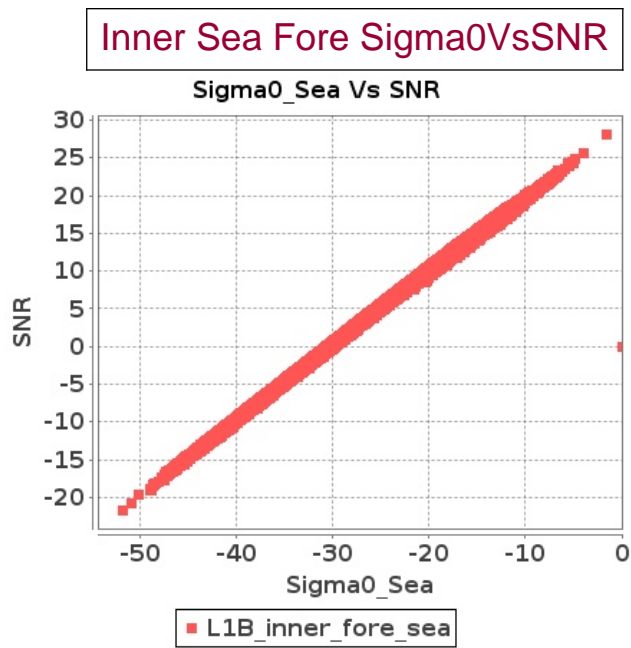
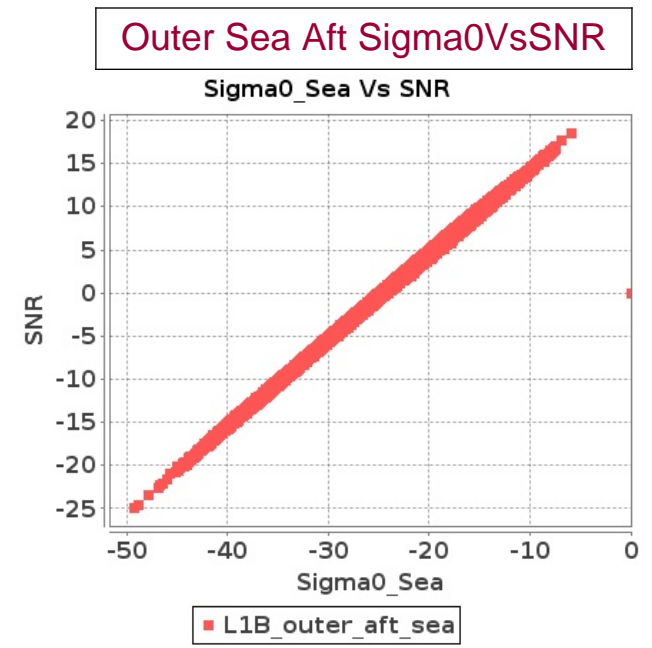
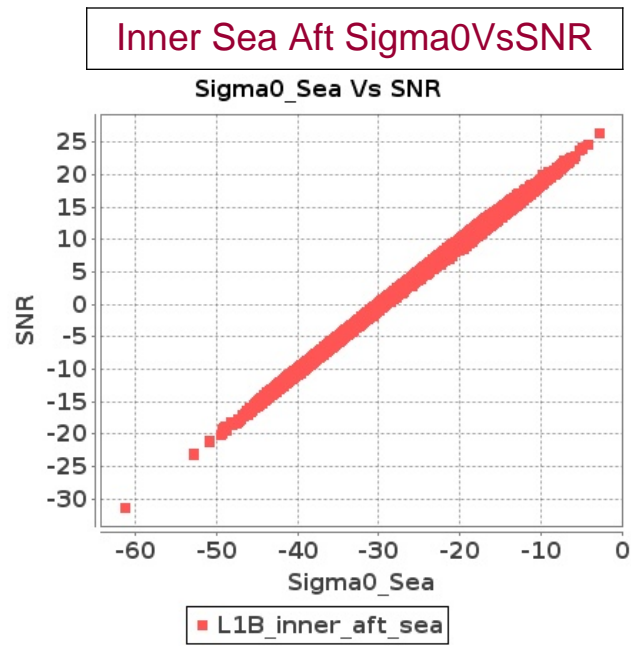
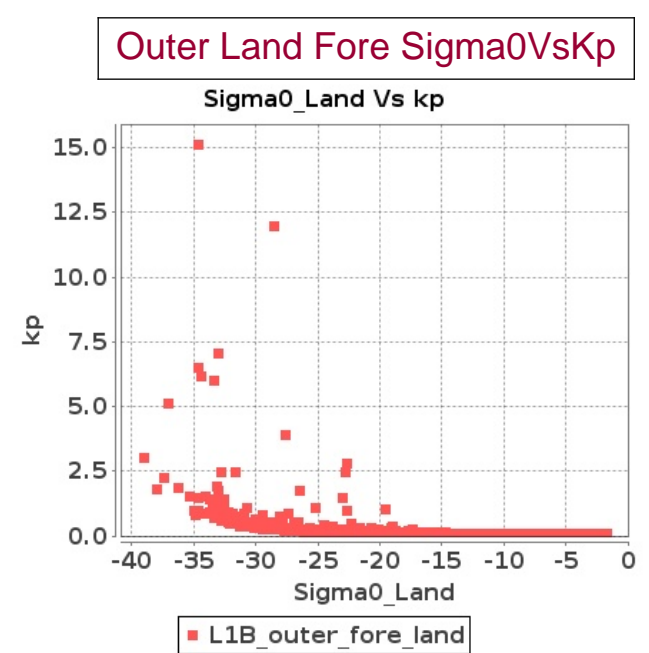
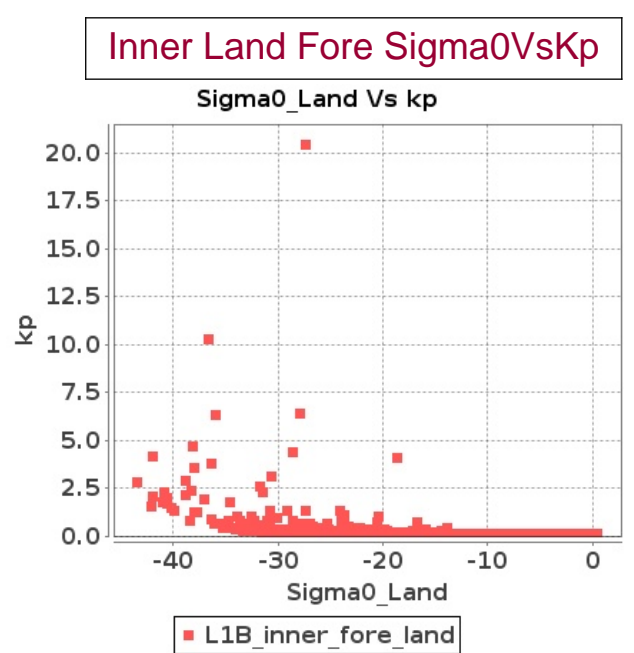
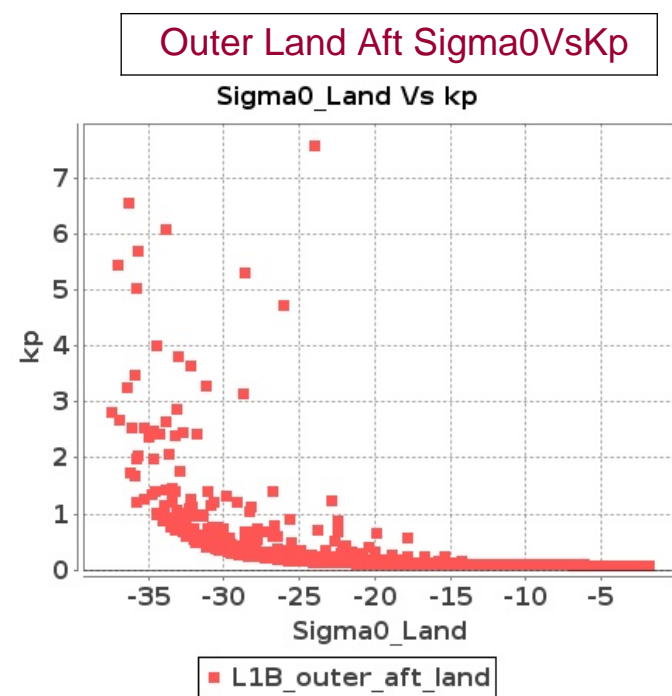
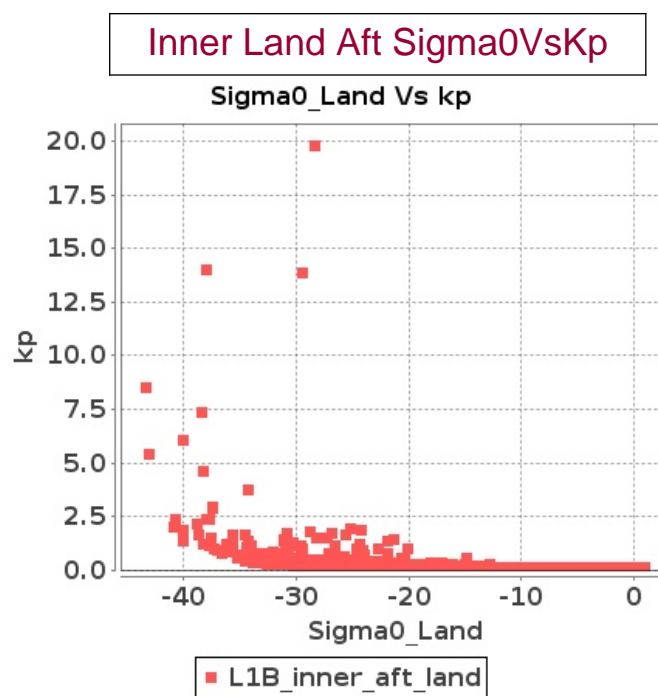
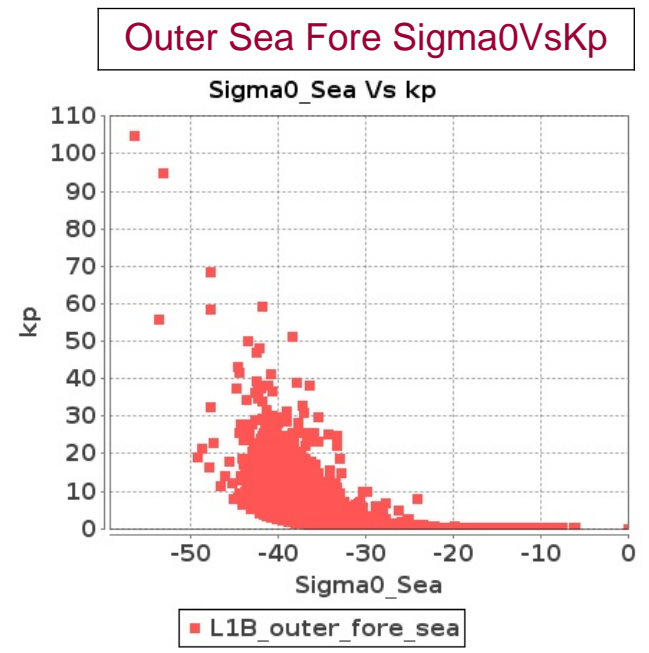
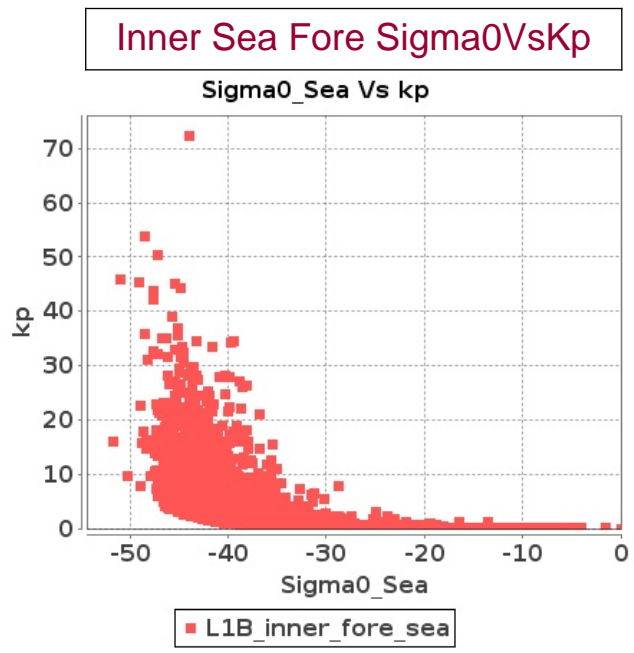
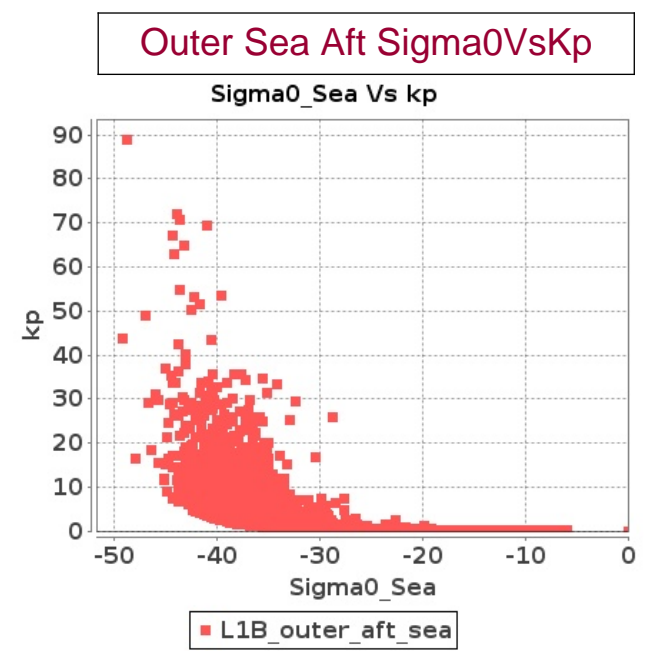
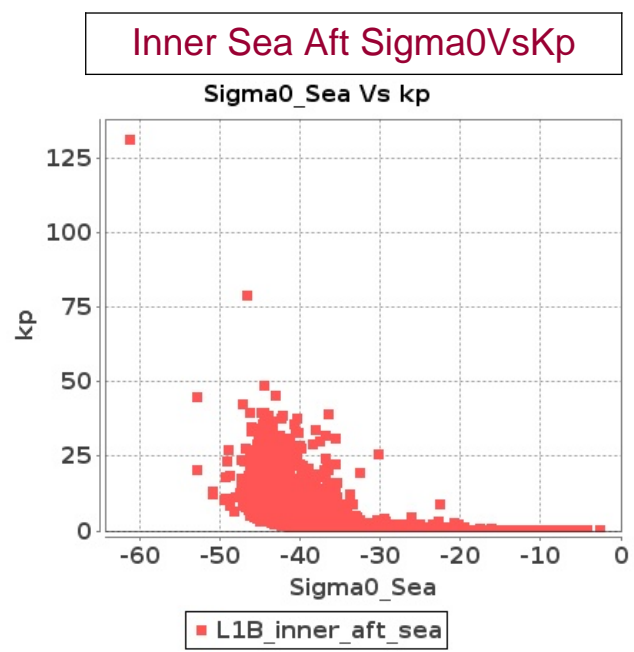


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 02-JAN-2020 To 03-JAN-2020





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

Report between 02-JAN-2020 To 03-JAN-2020

| | | | | | 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 | 17295 | 17296 | SN | 1 | 48.717 | 49.492 | 0.0 | 0.003 | 6.69 | 2.717 | 1031.984 | 1086.208 | 0.0 | -92.361 | -90.019 | 0.0 |
| 2 | 17295 | 17296 | SN | 1 | 48.717 | 49.492 | 0.0 | 0.003 | 6.69 | 2.203 | 1031.984 | 1086.208 | 0.0 | -92.361 | -90.019 | 0.0 |
| 3 | 17296 | 17297 | SN | 1 | 48.731 | 49.428 | 0.0 | 0.003 | 282.065 | 2.611 | 1031.56 | 1086.168 | 0.0 | -92.176 | -89.986 | 0.0 |
| 4 | 17296 | 17297 | NS | 1 | 48.723 | 49.404 | 0.0 | 0.003 | 18.437 | 2.586 | 1034.152 | 1085.816 | 0.0 | -91.854 | -89.997 | 0.0 |
| 5 | 17296 | 17297 | NS | 1 | 48.723 | 49.404 | 0.0 | 0.003 | 18.437 | 2.583 | 1034.152 | 1085.816 | 0.0 | -91.618 | -89.997 | 0.0 |
| 6 | 17296 | 17297 | SN | 2 | 48.731 | 49.428 | 0.0 | 0.003 | 282.065 | 2.611 | 1031.56 | 1086.168 | 0.0 | -92.176 | -89.986 | 0.0 |
| 7 | 17296 | 17297 | SN | 1 | 48.731 | 49.428 | 0.0 | 0.003 | 282.065 | 2.432 | 1031.56 | 1086.168 | 0.0 | -92.176 | -89.986 | 0.0 |
| 8 | 17297 | 17298 | NS | 1 | 48.724 | 49.364 | 0.0 | 0.003 | 13.252 | 2.493 | 1033.6 | 1085.976 | 0.0 | -91.812 | -89.941 | 0.0 |
| 9 | 17297 | 17298 | SN | 1 | 48.713 | 49.463 | 0.0 | 0.003 | 280.625 | 2.37 | 1032.264 | 1086.288 | 0.0 | -91.948 | -90.021 | 0.0 |
| 10 | 17297 | 17298 | NS | 1 | 48.724 | 49.368 | 0.0 | 0.003 | 13.252 | 2.491 | 1033.6 | 1085.976 | 0.0 | -91.841 | -89.941 | 0.0 |
| 11 | 17297 | 17298 | SN | 1 | 48.713 | 49.463 | 0.0 | 0.003 | 280.625 | 2.508 | 1032.264 | 1086.288 | 0.0 | -91.948 | -90.021 | 0.0 |
| 12 | 17297 | 17298 | SN | 1 | 48.713 | 49.481 | 0.0 | 0.003 | 215.284 | 2.362 | 1032.264 | 1086.304 | 0.0 | -91.948 | -90.021 | 0.0 |
| 13 | 17298 | 17299 | SN | 1 | 48.768 | 49.444 | 0.0 | 0.003 | 6.695 | 2.517 | 1032.096 | 1086.216 | 0.0 | -91.846 | -90.019 | 0.0 |
| 14 | 17298 | 17299 | SN | 1 | 48.768 | 49.444 | 0.0 | 0.003 | 6.695 | 2.52 | 1032.096 | 1086.216 | 0.0 | -91.846 | -90.019 | 0.0 |
| 15 | 17298 | 17299 | SN | 1 | 48.768 | 49.444 | 0.0 | 0.003 | 6.695 | 2.316 | 1032.096 | 1086.216 | 0.0 | -91.846 | -90.019 | 0.0 |
| 16 | 17298 | 17299 | NS | 1 | 48.693 | 49.404 | 0.0 | 0.0 | 44.352 | 2.682 | 1033.488 | 1085.904 | 0.0 | -91.96 | -89.996 | 0.0 |
| 17 | 17299 | 17300 | NS | 1 | 48.708 | 49.406 | 0.0 | 0.003 | 210.596 | 2.599 | 1033.792 | 1085.784 | 0.0 | -91.978 | -90.0 | 0.0 |
| 18 | 17299 | 17300 | SN | 1 | 48.705 | 49.49 | 0.0 | 0.003 | 6.673 | 2.161 | 1032.072 | 1086.096 | 0.0 | -91.948 | -90.019 | 0.0 |
| 19 | 17299 | 17300 | SN | 1 | 48.705 | 49.49 | 0.0 | 0.003 | 6.673 | 2.51 | 1032.072 | 1086.096 | 0.0 | -91.948 | -90.019 | 0.0 |
| 20 | 17299 | 17300 | SN | 1 | 48.767 | 49.483 | 0.0 | 0.003 | 6.673 | 2.51 | 1032.072 | 1086.088 | 0.0 | -91.948 | -90.019 | 0.0 |
| 21 | 17299 | 17300 | NS | 2 | 48.708 | 49.406 | 0.0 | 0.003 | 210.596 | 2.599 | 1033.792 | 1085.784 | 0.0 | -91.978 | -90.0 | 0.0 |
| 22 | 17300 | 17301 | SN | 2 | 48.734 | 49.478 | 0.0 | 0.003 | 208.147 | 2.573 | 1032.08 | 1086.008 | 0.0 | -91.918 | -90.019 | 0.0 |
| 23 | 17300 | 17301 | NS | 1 | 48.724 | 49.368 | 0.0 | 0.003 | 266.954 | 2.584 | 1034.568 | 1085.688 | 0.0 | -92.457 | -89.999 | 0.0 |
| 24 | 17300 | 17301 | SN | 1 | 48.734 | 49.478 | 0.0 | 0.003 | 6.679 | 1.995 | 1032.08 | 1086.008 | 0.0 | -91.918 | -90.019 | 0.0 |
| 25 | 17300 | 17301 | SN | 1 | 48.734 | 49.476 | 0.0 | 0.003 | 213.998 | 2.576 | 1032.072 | 1085.992 | 0.0 | -91.918 | -90.02 | 0.0 |
| 26 | 17300 | 17301 | NS | 1 | 48.724 | 49.402 | 0.0 | 0.003 | 266.954 | 2.582 | 1034.568 | 1085.688 | 0.0 | -91.904 | -89.999 | 0.0 |
| 27 | 17301 | 17302 | SN | 1 | 48.732 | 49.487 | 0.0 | 0.003 | 6.684 | 1.794 | 1032.2 | 1085.944 | 0.0 | -91.976 | -90.019 | 0.0 |
| 28 | 17301 | 17302 | NS | 1 | 48.662 | 49.404 | 0.0 | 0.0 | 264.522 | 2.701 | 1034.52 | 1085.616 | 0.0 | -91.943 | -90.012 | 0.0 |
| 29 | 17301 | 17302 | SN | 1 | 48.732 | 49.487 | 0.0 | 0.003 | 6.684 | 2.636 | 1032.2 | 1085.944 | 0.0 | -91.976 | -90.019 | 0.0 |
| 30 | 17301 | 17302 | NS | 1 | 48.67 | 49.404 | 0.0 | 0.0 | 264.522 | 2.699 | 1034.52 | 1085.616 | 0.0 | -91.943 | -90.012 | 0.0 |
| 31 | 17301 | 17302 | SN | 1 | 48.731 | 49.485 | 0.0 | 0.003 | 6.684 | 2.635 | 1032.184 | 1085.92 | 0.0 | -92.132 | -90.02 | 0.0 |
| 32 | 17302 | 17303 | SN | 1 | 48.769 | 49.49 | 0.0 | 0.003 | 6.684 | 2.665 | 1032.376 | 1086.08 | 0.0 | -91.915 | -90.007 | 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 | 17302 | 17303 | SN | 1 | 48.769 | 49.484 | 0.0 | 0.003 | 6.684 | 1.581 | 1032.376 | 1086.08 | 0.0 | -91.915 | -90.007 | 0.0 |
| 34 | 17302 | 17303 | SN | 1 | 48.769 | 49.484 | 0.0 | 0.003 | 6.684 | 2.667 | 1032.376 | 1086.08 | 0.0 | -91.915 | -90.007 | 0.0 |
| 35 | 17302 | 17303 | NS | 1 | 48.692 | 49.362 | 0.0 | 0.003 | 206.471 | 2.586 | 1034.368 | 1085.744 | 0.0 | -91.842 | -90.014 | 0.0 |
| 36 | 17303 | 17304 | NS | 1 | 48.683 | 49.362 | 0.0 | 0.0 | 266.783 | 2.786 | 1033.552 | 1085.8 | 0.0 | -91.872 | -90.005 | 0.0 |
| 37 | 17303 | 17304 | NS | 2 | 48.683 | 49.362 | 0.0 | 0.0 | 266.783 | 2.786 | 1033.552 | 1085.8 | 0.0 | -91.872 | -90.005 | 0.0 |
| 38 | 17303 | 17304 | SN | 1 | 48.734 | 49.512 | 0.0 | 0.003 | 199.99 | 2.604 | 1032.4 | 1089.696 | 0.0 | -93.585 | -89.959 | 0.0 |
| 39 | 17304 | 17305 | NS | 1 | 48.727 | 49.34 | 0.0 | 0.003 | 266.799 | 2.673 | 1034.528 | 1085.904 | 0.0 | -91.755 | -89.987 | 0.0 |
| 40 | 17304 | 17305 | SN | 1 | 48.725 | 49.488 | 0.0 | 0.003 | 214.881 | 2.554 | 1031.36 | 1086.04 | 0.0 | -91.863 | -89.999 | 0.0 |
| 41 | 17304 | 17305 | NS | 1 | 48.726 | 49.362 | 0.0 | 0.003 | 206.2 | 2.657 | 1034.52 | 1085.704 | 0.0 | -91.755 | -89.987 | 0.0 |
| 42 | 17305 | 17306 | SN | 3 | 48.748 | 49.461 | 0.0 | 0.003 | 6.69 | 2.632 | 1031.552 | 1085.968 | 0.0 | -91.912 | -89.996 | 0.0 |
| 43 | 17305 | 17306 | NS | 1 | 48.714 | 49.392 | 0.0 | 0.0 | 267.235 | 2.767 | 1033.712 | 1086.544 | 0.0 | -92.522 | -89.999 | 0.0 |
| 44 | 17305 | 17306 | NS | 1 | 48.706 | 49.401 | 0.0 | 0.0 | 267.235 | 2.769 | 1033.584 | 1085.656 | 0.0 | -92.522 | -89.999 | 0.0 |
| 45 | 17305 | 17306 | SN | 1 | 48.748 | 49.453 | 0.0 | 0.003 | 6.69 | 2.632 | 1031.552 | 1085.96 | 0.0 | -91.912 | -89.996 | 0.0 |
| 46 | 17305 | 17306 | SN | 2 | 48.748 | 49.453 | 0.0 | 0.003 | 6.69 | 2.632 | 1031.552 | 1085.96 | 0.0 | -91.912 | -89.996 | 0.0 |
| 47 | 17306 | 17307 | SN | 1 | 48.711 | 49.486 | 0.0 | 0.003 | 6.684 | 2.6 | 1032.208 | 1086.024 | 0.0 | -91.925 | -89.994 | 0.0 |
| 48 | 17306 | 17307 | NS | 1 | 48.669 | 49.393 | 0.0 | 0.003 | 210.701 | 2.591 | 1034.464 | 1085.72 | 0.0 | -91.982 | -90.016 | 0.0 |
| 49 | 17306 | 17307 | NS | 1 | 48.662 | 49.396 | 0.0 | 0.003 | 267.196 | 2.403 | 1034.448 | 1085.328 | 0.0 | -91.942 | -90.016 | 0.0 |
| 50 | 17306 | 17307 | SN | 1 | 48.724 | 49.486 | 0.0 | 0.003 | 6.684 | 2.597 | 1032.208 | 1086.024 | 0.0 | -91.925 | -89.994 | 0.0 |
| 51 | 17306 | 17307 | NS | 1 | 48.662 | 49.396 | 0.0 | 0.003 | 267.196 | 2.594 | 1034.448 | 1085.72 | 0.0 | -91.919 | -90.016 | 0.0 |
| 52 | 17307 | 17308 | SN | 2 | 48.753 | 49.429 | 0.0 | 0.003 | 281.508 | 2.584 | 1032.2 | 1086.048 | 0.0 | -92.001 | -89.998 | 0.0 |
| 53 | 17307 | 17308 | NS | 1 | 48.716 | 49.405 | 0.0 | 0.0 | 50.495 | 2.732 | 1033.36 | 1085.72 | 0.0 | -92.236 | -90.013 | 0.0 |
| 54 | 17307 | 17308 | NS | 1 | 48.716 | 49.51 | 0.0 | 0.0 | 50.495 | 2.113 | 1033.36 | 1084.672 | 0.0 | -91.953 | -90.013 | 0.0 |
| 55 | 17307 | 17308 | NS | 2 | 48.716 | 49.405 | 0.0 | 0.0 | 50.495 | 2.732 | 1033.36 | 1085.72 | 0.0 | -92.236 | -90.013 | 0.0 |
| 56 | 17307 | 17308 | SN | 1 | 48.753 | 49.429 | 0.0 | 0.003 | 281.508 | 2.584 | 1032.2 | 1086.048 | 0.0 | -92.001 | -89.998 | 0.0 |
| 57 | 17307 | 17308 | SN | 1 | 48.748 | 49.486 | 0.0 | 0.003 | 281.508 | 2.572 | 1032.2 | 1086.048 | 0.0 | -92.033 | -89.998 | 0.0 |
| 58 | 17308 | 17309 | NS | 1 | 48.706 | 49.389 | 0.0 | 0.003 | 210.601 | 1.494 | 1034.04 | 1083.656 | 0.0 | -91.91 | -90.012 | 0.0 |
| 59 | 17308 | 17309 | SN | 2 | 48.715 | 49.431 | 0.0 | 0.003 | 281.177 | 2.573 | 1031.296 | 1086.128 | 0.0 | -91.852 | -90.021 | 0.0 |
| 60 | 17308 | 17309 | NS | 1 | 48.706 | 49.402 | 0.0 | 0.003 | 210.601 | 2.595 | 1034.04 | 1085.808 | 0.0 | -91.871 | -90.012 | 0.0 |
| 61 | 17308 | 17309 | NS | 1 | 48.706 | 49.401 | 0.0 | 0.003 | 210.601 | 2.596 | 1034.04 | 1085.824 | 0.0 | -91.973 | -90.012 | 0.0 |
| 62 | 17308 | 17309 | SN | 1 | 48.715 | 49.431 | 0.0 | 0.003 | 281.177 | 2.573 | 1031.296 | 1086.128 | 0.0 | -91.852 | -90.021 | 0.0 |
| 63 | 17309 | 17310 | NS | 1 | 48.664 | 49.372 | 0.0 | 0.003 | 210.463 | 2.651 | 1033.368 | 1085.856 | 0.0 | -91.938 | -90.011 | 0.0 |
| 64 | 17309 | 17310 | NS | 1 | 48.673 | 49.35 | 0.0 | 0.003 | 210.463 | 2.649 | 1033.368 | 1085.856 | 0.0 | -91.873 | -90.011 | 0.0 |
| 65 | 17309 | 17310 | SN | 1 | 48.725 | 49.483 | 0.0 | 0.003 | 6.69 | 1.718 | 1031.2 | 1086.16 | 0.0 | -91.944 | -90.024 | 0.0 |
| 66 | 17309 | 17310 | SN | 1 | 48.725 | 49.483 | 0.0 | 0.0 | 159.406 | 2.807 | 1031.2 | 1086.16 | 0.0 | -91.944 | -90.024 | 0.0 |
| 67 | 17309 | 17310 | NS | 1 | 48.664 | 49.372 | 0.0 | 0.003 | 210.463 | 1.627 | 1033.368 | 1080.608 | 0.0 | -91.817 | -90.011 | 0.0 |
| 68 | 17309 | 17310 | SN | 2 | 48.725 | 49.483 | 0.0 | 0.0 | 159.406 | 2.808 | 1031.2 | 1086.16 | 0.0 | -91.944 | -90.024 | 0.0 |
| 69 | 17310 | 17311 | SN | 1 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.707 | 1032.456 | 1085.992 | 0.0 | -91.828 | -89.997 | 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 | 17310 | 17311 | SN | 1 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.71 | 1032.36 | 1085.992 | 0.0 | -91.828 | -89.997 | 0.0 |
| 71 | 17310 | 17311 | NS | 1 | 48.691 | 49.337 | 0.0 | 0.003 | 267.036 | 2.679 | 1033.68 | 1085.68 | 0.0 | -91.923 | -89.992 | 0.0 |
| 72 | 17310 | 17311 | NS | 2 | 48.691 | 49.337 | 0.0 | 0.003 | 267.036 | 2.679 | 1033.68 | 1085.68 | 0.0 | -91.923 | -89.992 | 0.0 |
| 73 | 17310 | 17311 | SN | 2 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.71 | 1032.36 | 1085.992 | 0.0 | -91.828 | -89.997 | 0.0 |
| 74 | 17310 | 17311 | SN | 2 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.445 | 1032.36 | 1085.992 | 0.0 | -91.828 | -89.997 | 0.0 |
| 75 | 17310 | 17311 | SN | 2 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.707 | 1032.456 | 1085.992 | 0.0 | -91.828 | -89.997 | 0.0 |
| 76 | 17310 | 17311 | SN | 1 | 48.772 | 49.468 | 0.0 | 0.003 | 6.69 | 2.445 | 1032.36 | 1085.992 | 0.0 | -91.828 | -89.997 | 0.0 |
| 77 | 17311 | 17312 | SN | 2 | 48.726 | 49.486 | 0.0 | 0.003 | 6.69 | 2.402 | 1032.048 | 1086.152 | 0.0 | -91.963 | -89.986 | 0.0 |
| 78 | 17311 | 17312 | SN | 1 | 48.726 | 49.486 | 0.0 | 0.003 | 6.69 | 2.402 | 1032.048 | 1086.152 | 0.0 | -91.963 | -89.986 | 0.0 |
| 79 | 17311 | 17312 | SN | 1 | 48.726 | 49.487 | 0.0 | 0.003 | 6.69 | 2.416 | 1032.184 | 1086.152 | 0.0 | -91.869 | -89.986 | 0.0 |
| 80 | 17311 | 17312 | NS | 1 | 48.689 | 49.354 | 0.0 | 0.003 | 207.033 | 2.57 | 1034.6 | 1085.848 | 0.0 | -91.931 | -89.963 | 0.0 |
| 81 | 17311 | 17312 | NS | 2 | 48.688 | 49.353 | 0.0 | 0.003 | 210.623 | 2.572 | 1034.576 | 1085.872 | 0.0 | -91.931 | -89.963 | 0.0 |
| 82 | 17311 | 17312 | SN | 1 | 48.726 | 49.487 | 0.0 | 0.003 | 6.69 | 2.539 | 1032.184 | 1086.152 | 0.0 | -91.869 | -89.986 | 0.0 |
| 83 | 17311 | 17312 | SN | 2 | 48.726 | 49.487 | 0.0 | 0.003 | 6.69 | 2.416 | 1032.184 | 1086.152 | 0.0 | -91.869 | -89.986 | 0.0 |
| 84 | 17311 | 17312 | NS | 3 | 48.689 | 49.354 | 0.0 | 0.003 | 207.033 | 2.57 | 1034.6 | 1085.848 | 0.0 | -91.931 | -89.963 | 0.0 |
| 85 | 17311 | 17312 | NS | 4 | 48.688 | 49.353 | 0.0 | 0.003 | 210.623 | 2.572 | 1034.576 | 1085.872 | 0.0 | -91.931 | -89.963 | 0.0 |
| 86 | 17311 | 17312 | SN | 2 | 48.726 | 49.487 | 0.0 | 0.003 | 6.69 | 2.539 | 1032.184 | 1086.152 | 0.0 | -91.869 | -89.986 | 0.0 |
| 87 | 17312 | 17313 | SN | 1 | 48.739 | 49.431 | 0.0 | 0.003 | 215.565 | 2.496 | 1031.28 | 1086.2 | 0.0 | -91.738 | -90.018 | 0.0 |
| 88 | 17312 | 17313 | SN | 1 | 48.712 | 49.431 | 0.0 | 0.003 | 215.565 | 2.508 | 1031.44 | 1086.2 | 0.0 | -91.797 | -90.018 | 0.0 |
| 89 | 17312 | 17313 | SN | 1 | 48.739 | 49.431 | 0.0 | 0.003 | 215.565 | 2.333 | 1031.28 | 1086.2 | 0.0 | -91.738 | -90.018 | 0.0 |
| 90 | 17312 | 17313 | NS | 2 | 48.726 | 49.34 | 0.0 | 0.003 | 264.604 | 2.502 | 1034.704 | 1085.928 | 0.0 | -91.962 | -89.963 | 0.0 |
| 91 | 17312 | 17313 | NS | 1 | 48.726 | 49.34 | 0.0 | 0.003 | 264.604 | 2.502 | 1034.704 | 1085.928 | 0.0 | -91.962 | -89.963 | 0.0 |
| 92 | 17312 | 17313 | SN | 2 | 48.739 | 49.431 | 0.0 | 0.003 | 215.565 | 2.333 | 1031.28 | 1086.2 | 0.0 | -91.738 | -90.018 | 0.0 |
| 93 | 17312 | 17313 | SN | 2 | 48.739 | 49.431 | 0.0 | 0.003 | 215.565 | 2.496 | 1031.28 | 1086.2 | 0.0 | -91.738 | -90.018 | 0.0 |
| 94 | 17312 | 17313 | SN | 2 | 48.712 | 49.431 | 0.0 | 0.003 | 215.565 | 2.508 | 1031.44 | 1086.2 | 0.0 | -91.797 | -90.018 | 0.0 |
| 95 | 17313 | 17314 | SN | 2 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.282 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 96 | 17313 | 17314 | SN | 1 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.572 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 97 | 17313 | 17314 | SN | 4 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.572 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 98 | 17313 | 17314 | SN | 3 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.572 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 99 | 17313 | 17314 | NS | 1 | 48.691 | 49.34 | 0.0 | 0.003 | 206.917 | 2.593 | 1033.736 | 1085.8 | 0.0 | -92.45 | -89.995 | 0.0 |
| 100 | 17313 | 17314 | NS | 1 | 48.69 | 49.34 | 0.0 | 0.003 | 264.748 | 2.595 | 1033.72 | 1085.816 | 0.0 | -91.933 | -89.995 | 0.0 |
| 101 | 17313 | 17314 | NS | 2 | 48.691 | 49.34 | 0.0 | 0.003 | 206.917 | 2.593 | 1033.736 | 1085.8 | 0.0 | -92.45 | -89.995 | 0.0 |
| 102 | 17313 | 17314 | NS | 2 | 48.69 | 49.34 | 0.0 | 0.003 | 264.748 | 2.595 | 1033.72 | 1085.816 | 0.0 | -91.933 | -89.995 | 0.0 |
| 103 | 17313 | 17314 | SN | 1 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.282 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 104 | 17313 | 17314 | SN | 2 | 48.736 | 49.426 | 0.0 | 0.003 | 6.684 | 2.572 | 1031.464 | 1086.072 | 0.0 | -91.944 | -89.989 | 0.0 |
| 105 | 17314 | 17315 | SN | 1 | 48.734 | 49.445 | 0.0 | 0.003 | 29.456 | 2.535 | 1031.4 | 1086.0 | 0.0 | -91.914 | -90.018 | 0.0 |
| 106 | 17314 | 17315 | SN | 2 | 48.767 | 49.445 | 0.0 | 0.003 | 29.456 | 2.081 | 1031.84 | 1086.0 | 0.0 | -91.914 | -90.018 | 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 | 17314 | 17315 | NS | 4 | 48.674 | 49.373 | 0.0 | 0.0 | 39.824 | 2.754 | 1034.832 | 1085.752 | 0.0 | -91.985 | -90.006 | 0.0 |
| 108 | 17314 | 17315 | SN | 1 | 48.767 | 49.445 | 0.0 | 0.003 | 29.456 | 2.081 | 1031.84 | 1086.0 | 0.0 | -91.914 | -90.018 | 0.0 |
| 109 | 17314 | 17315 | SN | 2 | 48.767 | 49.445 | 0.0 | 0.003 | 29.456 | 2.537 | 1031.84 | 1086.0 | 0.0 | -91.914 | -90.018 | 0.0 |
| 110 | 17314 | 17315 | SN | 1 | 48.767 | 49.445 | 0.0 | 0.003 | 29.456 | 2.537 | 1031.84 | 1086.0 | 0.0 | -91.914 | -90.018 | 0.0 |
| 111 | 17314 | 17315 | NS | 2 | 48.674 | 49.373 | 0.0 | 0.0 | 39.824 | 2.754 | 1034.832 | 1085.752 | 0.0 | -91.985 | -90.006 | 0.0 |
| 112 | 17314 | 17315 | NS | 1 | 48.677 | 49.374 | 0.0 | 0.0 | 39.824 | 2.755 | 1034.856 | 1085.728 | 0.0 | -91.985 | -90.006 | 0.0 |
| 113 | 17314 | 17315 | SN | 2 | 48.734 | 49.445 | 0.0 | 0.003 | 29.456 | 2.535 | 1031.4 | 1086.0 | 0.0 | -91.914 | -90.018 | 0.0 |
| 114 | 17314 | 17315 | NS | 3 | 48.677 | 49.374 | 0.0 | 0.0 | 39.824 | 2.755 | 1034.856 | 1085.728 | 0.0 | -91.985 | -90.006 | 0.0 |
| 115 | 17315 | 17316 | SN | 2 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 1.895 | 1031.24 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 116 | 17315 | 17316 | NS | 4 | 48.666 | 49.402 | 0.0 | 0.003 | 42.49 | 2.598 | 1034.84 | 1085.608 | 0.0 | -91.955 | -90.013 | 0.0 |
| 117 | 17315 | 17316 | NS | 3 | 48.667 | 49.404 | 0.0 | 0.003 | 42.49 | 2.6 | 1034.88 | 1085.568 | 0.0 | -91.955 | -90.013 | 0.0 |
| 118 | 17315 | 17316 | SN | 1 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 2.596 | 1031.24 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 119 | 17315 | 17316 | SN | 2 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 2.596 | 1031.24 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 120 | 17315 | 17316 | SN | 1 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 1.895 | 1031.24 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 121 | 17315 | 17316 | SN | 2 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 2.592 | 1031.08 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 122 | 17315 | 17316 | NS | 2 | 48.666 | 49.402 | 0.0 | 0.003 | 42.49 | 2.598 | 1034.84 | 1085.608 | 0.0 | -91.955 | -90.013 | 0.0 |
| 123 | 17315 | 17316 | NS | 1 | 48.667 | 49.404 | 0.0 | 0.003 | 42.49 | 2.6 | 1034.88 | 1085.568 | 0.0 | -91.955 | -90.013 | 0.0 |
| 124 | 17315 | 17316 | SN | 1 | 48.698 | 49.48 | 0.0 | 0.003 | 281.199 | 2.592 | 1031.08 | 1085.856 | 0.0 | -91.928 | -90.018 | 0.0 |
| 125 | 17316 | 17317 | NS | 2 | 48.669 | 49.346 | 0.0 | 0.003 | 267.014 | 2.625 | 1034.744 | 1085.624 | 0.0 | -91.868 | -90.018 | 0.0 |
| 126 | 17316 | 17317 | SN | 1 | 48.768 | 49.474 | 0.0 | 0.0 | 215.361 | 2.696 | 1032.048 | 1085.888 | 0.0 | -91.956 | -90.018 | 0.0 |
| 127 | 17316 | 17317 | NS | 1 | 48.671 | 49.348 | 0.0 | 0.003 | 264.428 | 2.623 | 1034.8 | 1085.576 | 0.0 | -91.868 | -90.018 | 0.0 |
| 128 | 17316 | 17317 | SN | 2 | 48.768 | 49.474 | 0.0 | 0.0 | 215.361 | 1.695 | 1032.048 | 1085.888 | 0.0 | -91.956 | -90.018 | 0.0 |
| 129 | 17316 | 17317 | NS | 3 | 48.671 | 49.348 | 0.0 | 0.003 | 264.428 | 2.623 | 1034.8 | 1085.576 | 0.0 | -91.868 | -90.018 | 0.0 |
| 130 | 17316 | 17317 | NS | 4 | 48.669 | 49.346 | 0.0 | 0.003 | 267.014 | 2.625 | 1034.744 | 1085.624 | 0.0 | -91.868 | -90.018 | 0.0 |
| 131 | 17316 | 17317 | SN | 1 | 48.768 | 49.474 | 0.0 | 0.0 | 215.361 | 1.695 | 1032.048 | 1085.888 | 0.0 | -91.956 | -90.018 | 0.0 |
| 132 | 17316 | 17317 | SN | 2 | 48.768 | 49.474 | 0.0 | 0.0 | 215.361 | 2.696 | 1032.048 | 1085.888 | 0.0 | -91.956 | -90.018 | 0.0 |
| 133 | 17317 | 17318 | SN | 2 | 48.756 | 49.488 | 0.0 | 0.003 | 6.684 | 1.557 | 1031.496 | 1086.032 | 0.0 | -91.867 | -89.976 | 0.0 |
| 134 | 17317 | 17318 | NS | 1 | 48.709 | 49.374 | 0.0 | 0.003 | 42.981 | 2.582 | 1033.592 | 1085.696 | 0.0 | -91.824 | -90.017 | 0.0 |
| 135 | 17317 | 17318 | SN | 1 | 48.756 | 49.488 | 0.0 | 0.003 | 6.684 | 2.612 | 1031.496 | 1086.032 | 0.0 | -91.867 | -89.976 | 0.0 |
| 136 | 17317 | 17318 | NS | 2 | 48.709 | 49.374 | 0.0 | 0.003 | 42.981 | 2.582 | 1033.592 | 1085.696 | 0.0 | -91.824 | -90.017 | 0.0 |
| 137 | 17317 | 17318 | SN | 2 | 48.756 | 49.488 | 0.0 | 0.003 | 6.684 | 2.612 | 1031.496 | 1086.032 | 0.0 | -91.867 | -89.976 | 0.0 |
| 138 | 17317 | 17318 | NS | 1 | 48.706 | 49.391 | 0.0 | 0.003 | 206.967 | 2.586 | 1033.536 | 1085.752 | 0.0 | -91.862 | -90.016 | 0.0 |
| 139 | 17317 | 17318 | NS | 2 | 48.706 | 49.391 | 0.0 | 0.003 | 206.967 | 2.586 | 1033.536 | 1085.752 | 0.0 | -91.862 | -90.016 | 0.0 |
| 140 | 17317 | 17318 | SN | 1 | 48.756 | 49.488 | 0.0 | 0.003 | 6.684 | 1.557 | 1031.496 | 1086.032 | 0.0 | -91.867 | -89.976 | 0.0 |
| 141 | 17318 | 17319 | NS | 2 | 48.681 | 49.338 | 0.0 | 0.0 | 42.16 | 2.824 | 1033.92 | 1085.752 | 0.0 | -91.806 | -90.01 | 0.0 |
| 142 | 17318 | 17319 | NS | 2 | 48.681 | 49.398 | 0.0 | 0.0 | 42.16 | 2.827 | 1033.92 | 1085.92 | 0.0 | -91.806 | -90.01 | 0.0 |
| 143 | 17318 | 17319 | SN | 3 | 48.766 | 49.443 | 0.0 | 0.003 | 279.632 | 2.545 | 1032.168 | 1086.528 | 0.0 | -91.862 | -89.959 | 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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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 144 | 17318 | 17319 | SN | 4 | 48.766 | 49.443 | 0.0 | 0.003 | 279.632 | 2.545 | 1032.168 | 1086.528 | 0.0 | -91.862 | -89.959 | 0.0 |
| 145 | 17318 | 17319 | NS | 1 | 48.681 | 49.398 | 0.0 | 0.0 | 42.16 | 2.827 | 1033.92 | 1085.92 | 0.0 | -91.806 | -90.01 | 0.0 |
| 146 | 17318 | 17319 | SN | 2 | 48.766 | 49.443 | 0.0 | 0.003 | 279.632 | 2.545 | 1032.168 | 1086.528 | 0.0 | -91.862 | -89.959 | 0.0 |
| 147 | 17318 | 17319 | NS | 1 | 48.681 | 49.338 | 0.0 | 0.0 | 42.16 | 2.824 | 1033.92 | 1085.752 | 0.0 | -91.806 | -90.01 | 0.0 |
| 148 | 17318 | 17319 | SN | 1 | 48.766 | 49.443 | 0.0 | 0.003 | 279.632 | 2.545 | 1032.168 | 1086.528 | 0.0 | -91.862 | -89.959 | 0.0 |
| 149 | 17319 | 17320 | NS | 1 | 48.728 | 49.368 | 0.0 | 0.008 | 210.601 | 2.639 | 1034.008 | 1085.832 | 0.0 | -91.885 | -89.988 | 0.0 |
| 150 | 17319 | 17320 | NS | 2 | 48.728 | 49.389 | 0.0 | 0.008 | 210.601 | 2.638 | 1034.008 | 1086.12 | 0.0 | -91.976 | -89.988 | 0.0 |
| 151 | 17319 | 17320 | SN | 1 | 48.77 | 49.491 | 0.0 | 0.003 | 215.846 | 2.566 | 1032.064 | 1086.68 | 0.0 | -91.831 | -89.996 | 0.0 |
| 152 | 17319 | 17320 | SN | 2 | 48.77 | 49.491 | 0.0 | 0.003 | 215.846 | 2.566 | 1032.064 | 1086.68 | 0.0 | -91.831 | -89.996 | 0.0 |
| 153 | 17319 | 17320 | NS | 1 | 48.728 | 49.389 | 0.0 | 0.008 | 210.601 | 2.638 | 1034.008 | 1086.12 | 0.0 | -91.976 | -89.988 | 0.0 |
| 154 | 17319 | 17320 | NS | 2 | 48.728 | 49.368 | 0.0 | 0.008 | 210.601 | 2.639 | 1034.008 | 1085.832 | 0.0 | -91.885 | -89.988 | 0.0 |
| 155 | 17320 | 17321 | SN | 1 | 48.726 | 49.45 | 0.0 | 0.003 | 6.679 | 2.649 | 1031.992 | 1085.888 | 0.0 | -91.825 | -90.004 | 0.0 |
| 156 | 17320 | 17321 | NS | 2 | 48.678 | 49.398 | 0.0 | 0.003 | 264.516 | 2.601 | 1034.848 | 1085.504 | 0.0 | -92.083 | -90.018 | 0.0 |
| 157 | 17320 | 17321 | NS | 1 | 48.678 | 49.398 | 0.0 | 0.003 | 264.516 | 2.601 | 1034.848 | 1085.504 | 0.0 | -92.083 | -90.018 | 0.0 |
| 158 | 17320 | 17321 | NS | 2 | 48.678 | 49.398 | 0.0 | 0.003 | 264.516 | 2.66 | 1034.848 | 1085.632 | 0.0 | -92.083 | -90.018 | 0.0 |
| 159 | 17320 | 17321 | NS | 1 | 48.678 | 49.398 | 0.0 | 0.003 | 264.516 | 2.66 | 1034.848 | 1085.632 | 0.0 | -92.083 | -90.018 | 0.0 |
| 160 | 17320 | 17321 | SN | 2 | 48.726 | 49.45 | 0.0 | 0.003 | 6.679 | 2.649 | 1031.992 | 1085.888 | 0.0 | -91.825 | -90.004 | 0.0 |
| 161 | 17321 | 17322 | SN | 2 | 48.705 | 49.486 | 0.0 | 0.003 | 281.519 | 2.589 | 1031.936 | 1085.928 | 0.0 | -91.915 | -89.994 | 0.0 |
| 162 | 17321 | 17322 | NS | 1 | 48.726 | 49.404 | 0.0 | 0.003 | 42.43 | 2.176 | 1034.712 | 1084.8 | 0.0 | -91.921 | -90.018 | 0.0 |
| 163 | 17321 | 17322 | NS | 2 | 48.726 | 49.404 | 0.0 | 0.003 | 42.43 | 2.541 | 1034.712 | 1085.688 | 0.0 | -91.923 | -90.018 | 0.0 |
| 164 | 17321 | 17322 | NS | 1 | 48.726 | 49.404 | 0.0 | 0.003 | 42.43 | 2.541 | 1034.712 | 1085.688 | 0.0 | -91.923 | -90.018 | 0.0 |
| 165 | 17321 | 17322 | NS | 2 | 48.726 | 49.404 | 0.0 | 0.003 | 42.43 | 2.176 | 1034.712 | 1084.8 | 0.0 | -91.921 | -90.018 | 0.0 |
| 166 | 17321 | 17322 | SN | 1 | 48.705 | 49.486 | 0.0 | 0.003 | 281.519 | 2.589 | 1031.936 | 1085.928 | 0.0 | -91.915 | -89.994 | 0.0 |
| 167 | 17322 | 17323 | NS | 1 | 48.724 | 49.394 | 0.0 | 0.0 | 42.998 | 2.746 | 1034.56 | 1085.744 | 0.0 | -91.846 | -90.016 | 0.0 |
| 168 | 17322 | 17323 | NS | 2 | 48.724 | 49.394 | 0.0 | 0.0 | 42.998 | 2.746 | 1034.56 | 1085.744 | 0.0 | -91.846 | -90.016 | 0.0 |
| 169 | 17322 | 17323 | SN | 1 | 48.769 | 49.435 | 0.0 | 0.003 | 215.559 | 2.587 | 1031.92 | 1086.0 | 0.0 | -91.839 | -90.018 | 0.0 |
| 170 | 17322 | 17323 | NS | 1 | 48.724 | 49.403 | 0.0 | 0.0 | 42.998 | 1.837 | 1034.56 | 1084.256 | 0.0 | -91.874 | -90.016 | 0.0 |
| 171 | 17322 | 17323 | SN | 2 | 48.769 | 49.435 | 0.0 | 0.003 | 215.559 | 2.587 | 1031.92 | 1086.0 | 0.0 | -91.839 | -90.018 | 0.0 |
| 172 | 17322 | 17323 | NS | 2 | 48.724 | 49.403 | 0.0 | 0.0 | 42.998 | 1.837 | 1034.56 | 1084.256 | 0.0 | -91.874 | -90.016 | 0.0 |
| 173 | 17323 | 17324 | NS | 2 | 48.673 | 49.408 | 0.0 | 0.003 | 206.824 | 1.518 | 1033.488 | 1082.504 | 0.0 | -91.891 | -90.014 | 0.0 |
| 174 | 17323 | 17324 | NS | 1 | 48.673 | 49.408 | 0.0 | 0.003 | 206.824 | 1.518 | 1033.488 | 1082.504 | 0.0 | -91.891 | -90.014 | 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 | 17295 | 17296 | SN | 1 | -34.742 | 23.184 | 0.2 | -34.908 | 24.168 | 1.431 | -1.104 | 27.832 | 7.057 | 2.514 | 29.741 | 8.71 | 0.116 | 288.838 | 3.786 | 0.116 | 300.111 | 2.402 | 0.116 | 0.226 | 0.0 | 0.116 | 0.161 | 0.0 |
| 2 | 17295 | 17296 | SN | 1 | -34.742 | 21.604 | 0.0 | -34.908 | 24.134 | 1.238 | -1.104 | 27.843 | 6.998 | 2.514 | 29.741 | 8.71 | 0.116 | 288.838 | 3.98 | 0.116 | 300.111 | 2.602 | 0.116 | 0.226 | 0.0 | 0.116 | 0.161 | 0.0 |
| 3 | 17296 | 17297 | SN | 1 | -34.674 | 23.023 | 0.189 | -34.892 | 23.943 | 0.965 | -0.922 | 31.389 | 6.961 | 0.894 | 32.939 | 4.111 | 0.116 | 284.315 | 6.855 | 0.116 | 298.974 | 5.112 | 0.116 | 0.222 | 0.0 | 0.116 | 0.183 | 0.0 |
| 4 | 17296 | 17297 | NS | 1 | -34.919 | 23.996 | 0.262 | -34.611 | 25.362 | 0.403 | 3.645 | 31.683 | 7.084 | 4.733 | 36.383 | 18.153 | 0.116 | 300.819 | 2.585 | 0.116 | 280.236 | 1.912 | 0.116 | 0.15 | 0.0 | 0.116 | 0.142 | 0.0 |
| 5 | 17296 | 17297 | NS | 1 | -34.922 | 23.996 | 0.262 | -34.932 | 25.362 | 0.403 | 3.645 | 31.683 | 7.077 | 4.733 | 36.383 | 18.129 | 0.116 | 301.016 | 2.589 | 0.116 | 301.796 | 1.912 | 0.116 | 0.15 | 0.0 | 0.116 | 0.142 | 0.0 |
| 6 | 17296 | 17297 | SN | 2 | -34.674 | 23.023 | 0.189 | -34.892 | 23.943 | 0.965 | -0.922 | 31.389 | 6.961 | 0.894 | 32.939 | 4.111 | 0.116 | 284.315 | 6.855 | 0.116 | 298.974 | 5.112 | 0.116 | 0.222 | 0.0 | 0.116 | 0.183 | 0.0 |
| 7 | 17296 | 17297 | SN | 1 | -34.674 | 23.021 | 0.142 | -34.892 | 23.948 | 0.973 | -0.922 | 31.389 | 6.962 | 0.894 | 32.939 | 4.111 | 0.116 | 284.315 | 7.032 | 0.116 | 298.974 | 5.244 | 0.116 | 0.222 | 0.0 | 0.116 | 0.183 | 0.0 |
| 8 | 17297 | 17298 | NS | 1 | -34.782 | 24.163 | 0.039 | -34.417 | 24.287 | 0.076 | -2.391 | 28.802 | 7.09 | -15.306 | 29.406 | 14.381 | 0.116 | 291.513 | 3.01 | 0.116 | 268.066 | 2.188 | 0.116 | 0.268 | 0.0 | 0.116 | 3.378 | 0.002 |
| 9 | 17297 | 17298 | SN | 1 | -34.736 | 23.312 | 0.04 | -34.089 | 23.188 | 0.146 | 5.879 | 27.39 | 7.983 | 5.972 | 29.092 | 4.276 | 0.116 | 288.463 | 5.263 | 0.116 | 248.532 | 4.984 | 0.116 | 0.136 | 0.0 | 0.116 | 0.136 | 0.0 |
| 10 | 17297 | 17298 | NS | 1 | -34.753 | 24.163 | 0.039 | -34.801 | 24.287 | 0.076 | -2.391 | 28.802 | 7.068 | -15.279 | 29.406 | 14.349 | 0.116 | 289.594 | 3.009 | 0.116 | 292.737 | 2.188 | 0.116 | 0.268 | 0.0 | 0.116 | 3.358 | 0.002 |
| 11 | 17297 | 17298 | SN | 1 | -34.736 | 23.312 | 0.04 | -34.089 | 23.188 | 0.144 | 5.879 | 27.39 | 7.983 | 5.972 | 29.092 | 4.276 | 0.116 | 288.463 | 5.178 | 0.116 | 248.532 | 4.915 | 0.116 | 0.136 | 0.0 | 0.116 | 0.136 | 0.0 |
| 12 | 17297 | 17298 | SN | 1 | -34.939 | 23.314 | 0.04 | -34.894 | 23.188 | 0.145 | 5.879 | 27.39 | 7.975 | 5.972 | 29.092 | 4.276 | 0.116 | 302.217 | 5.269 | 0.116 | 299.104 | 4.992 | 0.116 | 0.136 | 0.0 | 0.116 | 0.136 | 0.0 |
| 13 | 17298 | 17299 | SN | 1 | -31.356 | 22.475 | 0.002 | -31.464 | 22.97 | 0.023 | 6.433 | 26.975 | 11.515 | 6.835 | 27.006 | 9.607 | 0.116 | 132.496 | 0.894 | 0.116 | 135.837 | 0.718 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 14 | 17298 | 17299 | SN | 1 | -31.917 | 22.477 | 0.002 | -33.5 | 22.97 | 0.023 | 6.433 | 26.975 | 11.515 | 6.835 | 27.006 | 9.607 | 0.116 | 150.745 | 0.894 | 0.116 | 217.04 | 0.72 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 15 | 17298 | 17299 | SN | 1 | -31.917 | 22.477 | 0.002 | -33.5 | 22.97 | 0.023 | 6.433 | 26.975 | 11.548 | 6.835 | 27.006 | 9.574 | 0.116 | 150.745 | 0.909 | 0.116 | 217.04 | 0.731 | 0.116 | 0.133 | 0.0 | 0.116 | 0.132 | 0.0 |
| 16 | 17298 | 17299 | NS | 1 | -34.73 | 21.333 | 0.0 | -34.999 | 22.475 | 0.004 | -13.627 | 29.285 | 6.056 | -9.461 | 29.24 | 11.611 | 0.116 | 288.006 | 7.654 | 0.116 | 306.451 | 8.157 | 0.116 | 2.324 | 0.004 | 0.116 | 0.948 | 0.0 |
| 17 | 17299 | 17300 | NS | 1 | -34.882 | 22.108 | 0.002 | -34.697 | 22.396 | 0.016 | -22.877 | 28.536 | 3.818 | -20.383 | 28.946 | 8.761 | 0.116 | 298.307 | 3.0 | 0.116 | 285.865 | 3.202 | 0.116 | 18.88 | 0.043 | 0.116 | 10.672 | 0.033 |
| 18 | 17299 | 17300 | SN | 1 | -34.878 | 24.152 | 0.007 | -33.681 | 23.283 | 0.046 | 6.04 | 27.183 | 13.237 | 7.373 | 27.401 | 15.996 | 0.116 | 298.074 | 2.024 | 0.116 | 226.221 | 1.3 | 0.116 | 0.135 | 0.0 | 0.116 | 0.13 | 0.0 |
| 19 | 17299 | 17300 | SN | 1 | -34.878 | 24.152 | 0.007 | -33.681 | 23.283 | 0.045 | 6.04 | 27.183 | 13.131 | 7.373 | 27.401 | 15.457 | 0.116 | 298.074 | 1.966 | 0.116 | 226.221 | 1.272 | 0.116 | 0.135 | 0.0 | 0.116 | 0.13 | 0.0 |
| 20 | 17299 | 17300 | SN | 1 | -34.499 | 24.152 | 0.007 | -34.261 | 23.283 | 0.045 | 6.04 | 27.183 | 13.13 | 7.373 | 27.401 | 15.457 | 0.116 | 273.195 | 1.978 | 0.116 | 258.616 | 1.271 | 0.116 | 0.135 | 0.0 | 0.116 | 0.13 | 0.0 |
| 21 | 17299 | 17300 | NS | 2 | -34.882 | 22.108 | 0.002 | -34.697 | 22.396 | 0.016 | -22.877 | 28.536 | 3.818 | -20.383 | 28.946 | 8.759 | 0.116 | 298.307 | 3.0 | 0.116 | 285.865 | 3.2 | 0.116 | 18.88 | 0.043 | 0.116 | 10.672 | 0.033 |
| 22 | 17300 | 17301 | SN | 2 | -34.838 | 22.317 | 0.002 | -34.13 | 22.319 | 0.004 | 5.214 | 26.986 | 13.387 | 7.983 | 27.972 | 17.002 | 0.116 | 295.351 | 4.844 | 0.116 | 250.849 | 4.199 | 0.116 | 0.139 | 0.0 | 0.116 | 0.128 | 0.0 |
| 23 | 17300 | 17301 | NS | 1 | -34.809 | 22.958 | 0.001 | -34.21 | 22.792 | 0.02 | -9.358 | 28.348 | 4.446 | -3.709 | 28.53 | 8.53 | 0.116 | 293.29 | 4.295 | 0.116 | 255.535 | 4.024 | 0.116 | 0.928 | 0.0 | 0.116 | 0.325 | 0.0 |
| 24 | 17300 | 17301 | SN | 1 | -34.838 | 22.317 | 0.002 | -34.13 | 22.319 | 0.004 | 5.214 | 26.986 | 13.936 | 7.983 | 27.972 | 17.314 | 0.116 | 295.351 | 5.012 | 0.116 | 250.849 | 4.379 | 0.116 | 0.139 | 0.0 | 0.116 | 0.128 | 0.0 |
| 25 | 17300 | 17301 | SN | 1 | -34.86 | 22.317 | 0.002 | -34.213 | 22.319 | 0.004 | 5.214 | 26.986 | 13.386 | 7.983 | 27.972 | 17.0 | 0.116 | 296.795 | 4.843 | 0.116 | 255.736 | 4.199 | 0.116 | 0.139 | 0.0 | 0.116 | 0.128 | 0.0 |
| 26 | 17300 | 17301 | NS | 1 | -34.809 | 22.956 | 0.001 | -34.19 | 22.792 | 0.02 | -9.358 | 28.348 | 4.448 | -3.709 | 28.53 | 8.528 | 0.116 | 293.29 | 4.287 | 0.116 | 254.328 | 4.033 | 0.116 | 0.928 | 0.0 | 0.116 | 0.325 | 0.0 |
| 27 | 17301 | 17302 | SN | 1 | -34.889 | 21.646 | 0.0 | -34.984 | 22.61 | 0.001 | 5.092 | 29.492 | 9.687 | 8.085 | 28.909 | 13.702 | 0.116 | 298.816 | 6.186 | 0.116 | 305.368 | 5.32 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 28 | 17301 | 17302 | NS | 1 | -34.73 | 22.446 | 0.006 | -34.464 | 25.674 | 0.017 | -8.206 | 29.429 | 5.715 | -9.568 | 31.302 | 11.755 | 0.116 | 288.004 | 2.789 | 0.116 | 270.935 | 2.874 | 0.116 | 0.734 | 0.0 | 0.116 | 0.969 | 0.0 |
| 29 | 17301 | 17302 | SN | 1 | -34.889 | 21.646 | 0.0 | -34.984 | 22.61 | 0.01 | 5.092 | 29.492 | 9.193 | 8.085 | 28.909 | 13.671 | 0.116 | 298.816 | 5.875 | 0.116 | 305.368 | 4.935 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 30 | 17301 | 17302 | NS | 1 | -33.91 | 22.446 | 0.006 | -34.498 | 25.674 | 0.017 | -8.202 | 29.429 | 5.726 | -9.563 | 31.302 | 11.754 | 0.116 | 238.489 | 2.788 | 0.116 | 273.02 | 2.874 | 0.116 | 0.733 | 0.0 | 0.116 | 0.968 | 0.0 |
| 31 | 17301 | 17302 | SN | 1 | -34.925 | 21.646 | 0.0 | -34.984 | 22.61 | 0.01 | 5.092 | 29.492 | 9.173 | 8.085 | 28.909 | 13.664 | 0.116 | 301.263 | 5.87 | 0.116 | 305.368 | 4.937 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 32 | 17302 | 17303 | SN | 1 | -34.611 | 20.964 | 0.0 | -34.102 | 23.338 | 0.031 | 4.199 | 33.129 | 10.078 | 5.959 | 32.642 | 12.008 | 0.116 | 280.238 | 5.802 | 0.116 | 249.232 | 4.458 | 0.116 | 0.146 | 0.0 | 0.116 | 0.136 | 0.0 |
| 33 | 17302 | 17303 | SN | 1 | -34.632 | 20.964 | 0.0 | -34.639 | 21.265 | 0.0 | 4.2 | 33.128 | 10.649 | 5.964 | 32.642 | 11.992 | 0.116 | 281.609 | 6.278 | 0.116 | 282.022 | 5.187 | 0.116 | 0.146 | 0.0 | 0.116 | 0.136 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 34 | 17302 | 17303 | SN | 1 | -34.632 | 20.964 | 0.0 | -34.639 | 23.341 | 0.032 | 4.2 | 33.128 | 10.081 | 5.964 | 32.642 | 12.008 | 0.116 | 281.609 | 5.782 | 0.116 | 282.022 | 4.467 | 0.116 | 0.146 | 0.0 | 0.116 | 0.136 | 0.0 |
| 35 | 17302 | 17303 | NS | 1 | -34.764 | 23.532 | 0.005 | -33.566 | 22.59 | 0.009 | 6.187 | 31.151 | 8.86 | 6.493 | 29.355 | 15.121 | 0.116 | 290.309 | 1.538 | 0.116 | 220.331 | 1.269 | 0.116 | 0.134 | 0.0 | 0.116 | 0.133 | 0.0 |
| 36 | 17303 | 17304 | NS | 1 | -34.82 | 24.118 | 0.128 | -34.813 | 24.454 | 0.215 | -7.063 | 29.112 | 16.489 | -4.119 | 30.094 | 31.588 | 0.116 | 293.994 | 5.216 | 0.116 | 293.615 | 4.394 | 0.116 | 0.586 | 0.0 | 0.116 | 0.347 | 0.0 |
| 37 | 17303 | 17304 | NS | 2 | -34.82 | 24.116 | 0.128 | -34.813 | 24.452 | 0.215 | -7.063 | 29.112 | 16.489 | -4.119 | 30.094 | 31.586 | 0.116 | 293.994 | 5.216 | 0.116 | 293.615 | 4.395 | 0.116 | 0.586 | 0.0 | 0.116 | 0.347 | 0.0 |
| 38 | 17303 | 17304 | SN | 1 | -34.125 | 20.775 | 0.0 | -34.946 | 23.191 | 0.075 | -17.696 | 28.742 | 13.044 | -13.641 | 29.636 | 13.931 | 0.116 | 250.588 | 4.112 | 0.116 | 302.715 | 3.393 | 0.116 | 5.791 | 0.006 | 0.116 | 2.331 | 0.002 |
| 39 | 17304 | 17305 | NS | 1 | -34.793 | 28.515 | 0.106 | -34.852 | 28.663 | 0.213 | -5.258 | 30.598 | 12.934 | -0.26 | 30.124 | 23.463 | 0.116 | 292.237 | 3.713 | 0.116 | 296.246 | 3.525 | 0.116 | 0.421 | 0.0 | 0.116 | 0.206 | 0.0 |
| 40 | 17304 | 17305 | SN | 1 | -34.448 | 22.406 | 0.001 | -33.505 | 24.052 | 0.155 | -23.203 | 28.264 | 12.483 | -14.504 | 29.808 | 12.539 | 0.116 | 269.991 | 2.261 | 0.116 | 217.213 | 2.038 | 0.116 | 20.35 | 0.002 | 0.116 | 2.824 | 0.002 |
| 41 | 17304 | 17305 | NS | 1 | -34.82 | 28.513 | 0.106 | -34.815 | 28.662 | 0.213 | -5.258 | 30.598 | 12.958 | -0.26 | 30.124 | 23.402 | 0.116 | 294.022 | 3.715 | 0.116 | 293.704 | 3.526 | 0.116 | 0.421 | 0.0 | 0.116 | 0.206 | 0.0 |
| 42 | 17305 | 17306 | SN | 3 | -34.931 | 23.725 | 0.011 | -34.869 | 25.399 | 0.294 | -15.678 | 28.956 | 13.321 | -19.61 | 30.038 | 13.712 | 0.116 | 301.627 | 6.454 | 0.116 | 297.377 | 4.409 | 0.116 | 3.672 | 0.026 | 0.116 | 8.947 | 0.023 |
| 43 | 17305 | 17306 | NS | 1 | -34.951 | 29.245 | 0.123 | -34.815 | 24.505 | 0.215 | 2.708 | 28.555 | 13.952 | 5.865 | 31.024 | 21.028 | 0.116 | 303.056 | 2.674 | 0.116 | 293.746 | 2.301 | 0.116 | 0.159 | 0.0 | 0.116 | 0.136 | 0.0 |
| 44 | 17305 | 17306 | NS | 1 | -34.564 | 29.245 | 0.123 | -34.246 | 24.505 | 0.215 | 2.708 | 28.555 | 14.005 | 5.865 | 31.022 | 21.095 | 0.116 | 277.261 | 2.676 | 0.116 | 257.685 | 2.302 | 0.116 | 0.159 | 0.0 | 0.116 | 0.136 | 0.0 |
| 45 | 17305 | 17306 | SN | 1 | -34.931 | 23.725 | 0.011 | -34.869 | 25.397 | 0.294 | -15.678 | 28.956 | 13.323 | -19.61 | 30.038 | 13.712 | 0.116 | 301.627 | 6.454 | 0.116 | 297.377 | 4.412 | 0.116 | 3.672 | 0.026 | 0.116 | 8.947 | 0.023 |
| 46 | 17305 | 17306 | SN | 2 | -34.931 | 23.725 | 0.011 | -34.869 | 25.397 | 0.294 | -15.678 | 28.956 | 13.323 | -19.61 | 30.038 | 13.712 | 0.116 | 301.627 | 6.454 | 0.116 | 297.377 | 4.412 | 0.116 | 3.672 | 0.026 | 0.116 | 8.947 | 0.023 |
| 47 | 17306 | 17307 | SN | 1 | -33.833 | 23.086 | 0.053 | -32.986 | 24.072 | 0.944 | -17.032 | 29.706 | 11.993 | -14.693 | 30.711 | 12.051 | 0.116 | 234.28 | 3.508 | 0.116 | 192.808 | 3.011 | 0.116 | 4.983 | 0.005 | 0.116 | 2.945 | 0.004 |
| 48 | 17306 | 17307 | NS | 1 | -32.556 | 25.606 | 0.129 | -34.581 | 28.335 | 0.439 | 10.237 | 28.945 | 22.507 | 10.599 | 29.056 | 33.889 | 0.116 | 174.667 | 1.635 | 0.116 | 278.347 | 1.557 | 0.116 | 0.123 | 0.0 | 0.116 | 0.122 | 0.0 |
| 49 | 17306 | 17307 | NS | 1 | -34.796 | 25.602 | 0.129 | -34.636 | 28.335 | 0.439 | 10.237 | 28.945 | 19.671 | 10.611 | 29.041 | 32.266 | 0.116 | 292.475 | 1.633 | 0.116 | 281.811 | 1.551 | 0.116 | 0.123 | 0.0 | 0.116 | 0.122 | 0.0 |
| 50 | 17306 | 17307 | SN | 1 | -33.833 | 23.086 | 0.053 | -32.986 | 24.072 | 0.94 | -17.032 | 29.707 | 11.988 | -14.693 | 30.711 | 12.039 | 0.116 | 234.28 | 3.521 | 0.116 | 192.808 | 3.014 | 0.116 | 4.983 | 0.005 | 0.116 | 2.945 | 0.004 |
| 51 | 17306 | 17307 | NS | 1 | -33.84 | 25.602 | 0.129 | -34.69 | 28.335 | 0.439 | 10.237 | 28.945 | 22.509 | 10.6 | 29.056 | 33.891 | 0.116 | 234.732 | 1.636 | 0.116 | 285.373 | 1.55 | 0.116 | 0.123 | 0.0 | 0.116 | 0.122 | 0.0 |
| 52 | 17307 | 17308 | SN | 2 | -34.874 | 22.788 | 0.018 | -34.618 | 24.082 | 0.919 | -8.437 | 29.534 | 21.106 | -7.043 | 30.165 | 23.547 | 0.116 | 297.73 | 3.518 | 0.116 | 280.749 | 3.183 | 0.116 | 0.769 | 0.0 | 0.116 | 0.584 | 0.0 |
| 53 | 17307 | 17308 | NS | 1 | -34.547 | 24.69 | 0.242 | -34.526 | 27.077 | 0.383 | 9.296 | 28.838 | 23.041 | 11.663 | 29.308 | 33.31 | 0.116 | 276.226 | 3.758 | 0.116 | 274.801 | 3.135 | 0.116 | 0.125 | 0.0 | 0.116 | 0.121 | 0.0 |
| 54 | 17307 | 17308 | NS | 1 | -34.801 | 24.69 | 0.243 | -34.526 | 27.077 | 0.383 | 9.296 | 28.838 | 15.01 | 11.685 | 29.29 | 31.098 | 0.116 | 292.737 | 3.736 | 0.116 | 274.801 | 3.137 | 0.116 | 0.125 | 0.0 | 0.116 | 0.121 | 0.0 |
| 55 | 17307 | 17308 | NS | 2 | -34.547 | 24.69 | 0.242 | -34.526 | 27.077 | 0.383 | 9.296 | 28.838 | 23.041 | 11.663 | 29.308 | 33.31 | 0.116 | 276.226 | 3.758 | 0.116 | 274.801 | 3.135 | 0.116 | 0.125 | 0.0 | 0.116 | 0.121 | 0.0 |
| 56 | 17307 | 17308 | SN | 1 | -34.874 | 22.788 | 0.018 | -34.618 | 24.082 | 0.919 | -8.437 | 29.534 | 21.106 | -7.043 | 30.165 | 23.547 | 0.116 | 297.73 | 3.518 | 0.116 | 280.749 | 3.183 | 0.116 | 0.769 | 0.0 | 0.116 | 0.584 | 0.0 |
| 57 | 17307 | 17308 | SN | 1 | -34.968 | 22.794 | 0.019 | -34.523 | 24.082 | 0.919 | -8.442 | 29.534 | 20.982 | -7.043 | 30.165 | 23.548 | 0.116 | 304.219 | 3.511 | 0.116 | 274.592 | 3.185 | 0.116 | 0.77 | 0.0 | 0.116 | 0.584 | 0.0 |
| 58 | 17308 | 17309 | NS | 1 | -34.584 | 23.145 | 0.163 | -34.953 | 22.972 | 0.04 | 9.852 | 28.434 | 10.065 | 7.726 | 28.244 | 16.713 | 0.116 | 278.554 | 4.185 | 0.116 | 303.185 | 3.649 | 0.116 | 0.124 | 0.0 | 0.116 | 0.129 | 0.0 |
| 59 | 17308 | 17309 | SN | 2 | -34.734 | 23.504 | 0.075 | -33.37 | 23.999 | 0.791 | 6.809 | 29.056 | 35.667 | 7.514 | 30.454 | 49.412 | 0.116 | 288.289 | 2.164 | 0.116 | 210.636 | 1.997 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 60 | 17308 | 17309 | NS | 1 | -34.77 | 23.145 | 0.163 | -34.953 | 22.972 | 0.04 | 6.444 | 28.535 | 26.897 | 7.749 | 28.722 | 35.826 | 0.116 | 290.721 | 4.179 | 0.116 | 303.185 | 3.647 | 0.116 | 0.133 | 0.0 | 0.116 | 0.129 | 0.0 |
| 61 | 17308 | 17309 | NS | 1 | -34.584 | 23.145 | 0.163 | -34.953 | 22.972 | 0.04 | 6.442 | 28.535 | 26.892 | 7.751 | 28.722 | 35.822 | 0.116 | 278.554 | 4.185 | 0.116 | 303.185 | 3.649 | 0.116 | 0.133 | 0.0 | 0.116 | 0.129 | 0.0 |
| 62 | 17308 | 17309 | SN | 1 | -34.734 | 23.504 | 0.075 | -33.37 | 23.999 | 0.791 | 6.809 | 29.056 | 35.667 | 7.514 | 30.454 | 49.412 | 0.116 | 288.289 | 2.164 | 0.116 | 210.636 | 1.997 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 63 | 17309 | 17310 | NS | 1 | -34.939 | 24.106 | 0.171 | -34.589 | 25.026 | 0.008 | 5.749 | 29.223 | 12.225 | 6.215 | 28.696 | 21.095 | 0.116 | 302.24 | 3.698 | 0.116 | 278.852 | 3.53 | 0.116 | 0.137 | 0.0 | 0.116 | 0.134 | 0.0 |
| 64 | 17309 | 17310 | NS | 1 | -34.266 | 24.106 | 0.171 | -34.837 | 25.028 | 0.008 | 5.749 | 29.223 | 12.194 | 6.215 | 28.696 | 21.068 | 0.116 | 258.822 | 3.697 | 0.116 | 295.213 | 3.53 | 0.116 | 0.137 | 0.0 | 0.116 | 0.134 | 0.0 |
| 65 | 17309 | 17310 | SN | 1 | -34.526 | 22.13 | 0.001 | -34.734 | 23.156 | 0.017 | 6.03 | 29.508 | 9.691 | 8.597 | 30.586 | 11.934 | 0.116 | 274.759 | 3.652 | 0.116 | 288.366 | 3.217 | 0.116 | 0.135 | 0.0 | 0.116 | 0.126 | 0.0 |
| 66 | 17309 | 17310 | SN | 1 | -34.868 | 22.914 | 0.053 | -34.734 | 24.232 | 1.022 | 6.03 | 29.508 | 10.695 | 8.597 | 30.586 | 12.285 | 0.116 | 297.266 | 3.549 | 0.116 | 288.366 | 2.934 | 0.116 | 0.135 | 0.0 | 0.116 | 0.126 | 0.0 |
| 67 | 17309 | 17310 | NS | 1 | -34.883 | 24.106 | 0.183 | -34.589 | 25.026 | 0.008 | 7.116 | 26.852 | 3.088 | 6.19 | 25.507 | 6.629 | 0.116 | 298.405 | 3.398 | 0.116 | 278.852 | 3.482 | 0.116 | 0.131 | 0.0 | 0.116 | 0.134 | 0.0 |
| 68 | 17309 | 17310 | SN | 2 | -34.841 | 22.914 | 0.051 | -34.734 | 24.232 | 1.022 | 6.03 | 29.508 | 10.695 | 8.597 | 30.586 | 12.285 | 0.116 | 295.557 | 3.549 | 0.116 | 288.366 | 2.934 | 0.116 | 0.135 | 0.0 | 0.116 | 0.126 | 0.0 |
| 69 | 17310 | 17311 | SN | 1 | -34.034 | 23.884 | 0.296 | -34.659 | 23.878 | 1.608 | -10.623 | 35.513 | 7.686 | -7.744 | 29.098 | 10.244 | 0.116 | 245.345 | 2.578 | 0.116 | 283.304 | 2.168 | 0.116 | 1.21 | 0.001 | 0.116 | 0.67 | 0.0 |
| 70 | 17310 | 17311 | SN | 1 | -33.047 | 23.886 | 0.298 | -34.366 | 23.88 | 1.606 | -10.64 | 35.513 | 7.698 | -7.753 | 29.098 | 10.262 | 0.116 | 195.533 | 2.575 | 0.116 | 264.885 | 2.165 | 0.116 | 1.214 | 0.001 | 0.116 | 0.671 | 0.0 |
| 71 | 17310 | 17311 | NS | 1 | -34.767 | 23.574 | 0.172 | -34.441 | 24.202 | 0.16 | 8.56 | 32.829 | 10.29 | 7.242 | 33.097 | 23.021 | 0.116 | 290.455 | 1.19 | 0.116 | 269.495 | 1.041 | 0.116 | 0.126 | 0.0 | 0.116 | 0.13 | 0.0 |
| 72 | 17310 | 17311 | NS | 2 | -34.767 | 23.574 | 0.172 | -34.441 | 24.202 | 0.16 | 8.56 | 32.829 | 10.29 | 7.242 | 33.097 | 23.021 | 0.116 | 290.455 | 1.19 | 0.116 | 269.495 | 1.041 | 0.116 | 0.126 | 0.0 | 0.116 | 0.13 | 0.0 |

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

Normal
 Deviations
 Alarming
 High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|--------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 73 | 17310 | 17311 | SN | 2 | -33.047 | 23.886 | 0.298 | -34.366 | 23.88 | 1.606 | -10.64 | 35.513 | 7.698 | -7.753 | 29.098 | 10.262 | 0.116 | 195.533 | 2.575 | 0.116 | 264.885 | 2.165 | 0.116 | 1.214 | 0.001 | 0.116 | 0.671 | 0.0 |
| 74 | 17310 | 17311 | SN | 2 | -33.047 | 22.887 | 0.072 | -34.366 | 23.861 | 1.65 | -10.64 | 35.513 | 7.7 | -7.753 | 29.098 | 10.263 | 0.116 | 195.533 | 2.714 | 0.116 | 264.885 | 2.277 | 0.116 | 1.214 | 0.001 | 0.116 | 0.671 | 0.0 |
| 75 | 17310 | 17311 | SN | 2 | -34.034 | 23.884 | 0.296 | -34.659 | 23.878 | 1.608 | -10.623 | 35.513 | 7.686 | -7.744 | 29.098 | 10.244 | 0.116 | 245.345 | 2.578 | 0.116 | 283.304 | 2.168 | 0.116 | 1.21 | 0.001 | 0.116 | 0.67 | 0.0 |
| 76 | 17310 | 17311 | SN | 1 | -33.047 | 22.887 | 0.072 | -34.366 | 23.861 | 1.65 | -10.64 | 35.513 | 7.7 | -7.753 | 29.098 | 10.263 | 0.116 | 195.533 | 2.714 | 0.116 | 264.885 | 2.277 | 0.116 | 1.214 | 0.001 | 0.116 | 0.671 | 0.0 |
| 77 | 17311 | 17312 | SN | 2 | -34.945 | 23.105 | 0.191 | -34.946 | 23.7 | 0.717 | 4.532 | 30.473 | 6.499 | 4.066 | 27.897 | 3.596 | 0.116 | 302.651 | 10.509 | 0.116 | 302.736 | 9.652 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 78 | 17311 | 17312 | SN | 1 | -34.945 | 23.105 | 0.191 | -34.946 | 23.7 | 0.717 | 4.532 | 30.473 | 6.499 | 4.066 | 27.897 | 3.596 | 0.116 | 302.651 | 10.509 | 0.116 | 302.736 | 9.652 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 79 | 17311 | 17312 | SN | 1 | -34.753 | 23.097 | 0.194 | -34.963 | 23.696 | 0.715 | 4.532 | 30.475 | 6.536 | 4.064 | 27.897 | 3.596 | 0.116 | 289.556 | 10.501 | 0.116 | 303.966 | 9.628 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 80 | 17311 | 17312 | NS | 1 | -34.976 | 23.508 | 0.139 | -34.242 | 24.607 | 0.205 | -4.347 | 30.603 | 5.354 | -2.671 | 30.171 | 14.409 | 0.116 | 304.822 | 4.214 | 0.116 | 257.509 | 4.009 | 0.116 | 0.36 | 0.0 | 0.116 | 0.278 | 0.0 |
| 81 | 17311 | 17312 | NS | 2 | -33.529 | 23.508 | 0.139 | -34.465 | 24.607 | 0.205 | -4.347 | 30.603 | 5.357 | -2.671 | 30.171 | 14.407 | 0.116 | 218.461 | 4.21 | 0.116 | 271.046 | 4.009 | 0.116 | 0.36 | 0.0 | 0.116 | 0.278 | 0.0 |
| 82 | 17311 | 17312 | SN | 1 | -34.753 | 23.097 | 0.219 | -34.963 | 23.696 | 0.702 | 4.532 | 30.475 | 6.536 | 4.064 | 27.897 | 3.596 | 0.116 | 289.556 | 10.309 | 0.116 | 303.966 | 9.467 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 83 | 17311 | 17312 | SN | 2 | -34.753 | 23.097 | 0.194 | -34.963 | 23.696 | 0.715 | 4.532 | 30.475 | 6.536 | 4.064 | 27.897 | 3.596 | 0.116 | 289.556 | 10.501 | 0.116 | 303.966 | 9.628 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 84 | 17311 | 17312 | NS | 3 | -34.976 | 23.508 | 0.139 | -34.242 | 24.607 | 0.205 | -4.347 | 30.603 | 5.354 | -2.671 | 30.171 | 14.409 | 0.116 | 304.822 | 4.214 | 0.116 | 257.509 | 4.009 | 0.116 | 0.36 | 0.0 | 0.116 | 0.278 | 0.0 |
| 85 | 17311 | 17312 | NS | 4 | -33.529 | 23.508 | 0.139 | -34.465 | 24.607 | 0.205 | -4.347 | 30.603 | 5.357 | -2.671 | 30.171 | 14.407 | 0.116 | 218.461 | 4.21 | 0.116 | 271.046 | 4.009 | 0.116 | 0.36 | 0.0 | 0.116 | 0.278 | 0.0 |
| 86 | 17311 | 17312 | SN | 2 | -34.753 | 23.097 | 0.219 | -34.963 | 23.696 | 0.702 | 4.532 | 30.475 | 6.536 | 4.064 | 27.897 | 3.596 | 0.116 | 289.556 | 10.309 | 0.116 | 303.966 | 9.467 | 0.116 | 0.144 | 0.0 | 0.116 | 0.147 | 0.0 |
| 87 | 17312 | 17313 | SN | 1 | -34.741 | 23.286 | 0.006 | -34.326 | 22.3 | 0.004 | 4.411 | 27.138 | 14.057 | 6.379 | 27.387 | 12.495 | 0.116 | 288.801 | 1.883 | 0.116 | 262.468 | 1.888 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 88 | 17312 | 17313 | SN | 1 | -34.218 | 23.286 | 0.006 | -34.396 | 22.299 | 0.004 | 4.411 | 27.139 | 14.185 | 6.379 | 27.387 | 12.436 | 0.116 | 255.993 | 1.883 | 0.116 | 266.72 | 1.885 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 89 | 17312 | 17313 | SN | 1 | -34.741 | 23.286 | 0.006 | -34.326 | 22.3 | 0.004 | 4.411 | 27.138 | 14.057 | 6.379 | 27.387 | 12.502 | 0.116 | 288.801 | 1.912 | 0.116 | 262.468 | 1.914 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 90 | 17312 | 17313 | NS | 2 | -34.905 | 24.143 | 0.037 | -34.996 | 25.215 | 0.071 | -4.645 | 28.163 | 7.554 | -6.349 | 28.829 | 13.975 | 0.116 | 299.806 | 6.981 | 0.116 | 306.202 | 6.002 | 0.116 | 0.379 | 0.0 | 0.116 | 0.512 | 0.0 |
| 91 | 17312 | 17313 | NS | 1 | -34.905 | 24.143 | 0.037 | -34.996 | 25.215 | 0.071 | -4.645 | 28.163 | 7.554 | -6.349 | 28.829 | 13.975 | 0.116 | 299.806 | 6.981 | 0.116 | 306.202 | 6.002 | 0.116 | 0.379 | 0.0 | 0.116 | 0.512 | 0.0 |
| 92 | 17312 | 17313 | SN | 2 | -34.741 | 23.286 | 0.006 | -34.326 | 22.3 | 0.004 | 4.411 | 27.138 | 14.057 | 6.379 | 27.387 | 12.502 | 0.116 | 288.801 | 1.912 | 0.116 | 262.468 | 1.914 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 93 | 17312 | 17313 | SN | 2 | -34.741 | 23.286 | 0.006 | -34.326 | 22.3 | 0.004 | 4.411 | 27.138 | 14.057 | 6.379 | 27.387 | 12.495 | 0.116 | 288.801 | 1.883 | 0.116 | 262.468 | 1.888 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 94 | 17312 | 17313 | SN | 2 | -34.218 | 23.286 | 0.006 | -34.396 | 22.299 | 0.004 | 4.411 | 27.139 | 14.185 | 6.379 | 27.387 | 12.436 | 0.116 | 255.993 | 1.883 | 0.116 | 266.72 | 1.885 | 0.116 | 0.144 | 0.0 | 0.116 | 0.134 | 0.0 |
| 95 | 17313 | 17314 | SN | 2 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.007 | 5.798 | 26.68 | 12.525 | 5.993 | 27.183 | 12.746 | 0.116 | 304.933 | 1.973 | 0.116 | 184.081 | 1.319 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 96 | 17313 | 17314 | SN | 1 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.006 | 5.798 | 26.68 | 12.504 | 5.993 | 27.184 | 12.6 | 0.116 | 304.933 | 1.928 | 0.116 | 184.081 | 1.294 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 97 | 17313 | 17314 | SN | 4 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.006 | 5.798 | 26.68 | 12.504 | 5.993 | 27.184 | 12.6 | 0.116 | 304.933 | 1.928 | 0.116 | 184.081 | 1.294 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 98 | 17313 | 17314 | SN | 3 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.006 | 5.798 | 26.68 | 12.504 | 5.993 | 27.184 | 12.6 | 0.116 | 304.933 | 1.928 | 0.116 | 184.081 | 1.294 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 99 | 17313 | 17314 | NS | 1 | -34.589 | 23.719 | 0.057 | -34.309 | 23.54 | 0.086 | -15.929 | 29.491 | 3.991 | -12.753 | 31.288 | 8.398 | 0.116 | 278.85 | 3.901 | 0.116 | 261.477 | 3.721 | 0.116 | 3.885 | 0.006 | 0.116 | 1.917 | 0.012 |
| 100 | 17313 | 17314 | NS | 1 | -33.842 | 23.717 | 0.057 | -33.792 | 23.538 | 0.086 | -15.754 | 29.491 | 3.994 | -12.532 | 31.288 | 8.401 | 0.116 | 234.772 | 3.897 | 0.116 | 232.162 | 3.714 | 0.116 | 3.736 | 0.006 | 0.116 | 1.826 | 0.011 |
| 101 | 17313 | 17314 | NS | 2 | -34.589 | 23.719 | 0.057 | -34.309 | 23.54 | 0.086 | -15.929 | 29.491 | 3.991 | -12.753 | 31.288 | 8.398 | 0.116 | 278.85 | 3.901 | 0.116 | 261.477 | 3.721 | 0.116 | 3.885 | 0.006 | 0.116 | 1.917 | 0.012 |
| 102 | 17313 | 17314 | NS | 2 | -33.842 | 23.717 | 0.057 | -33.792 | 23.538 | 0.086 | -15.754 | 29.491 | 3.994 | -12.532 | 31.288 | 8.401 | 0.116 | 234.772 | 3.897 | 0.116 | 232.162 | 3.714 | 0.116 | 3.736 | 0.006 | 0.116 | 1.826 | 0.011 |
| 103 | 17313 | 17314 | SN | 1 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.007 | 5.798 | 26.68 | 12.525 | 5.993 | 27.183 | 12.746 | 0.116 | 304.933 | 1.973 | 0.116 | 184.081 | 1.319 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 104 | 17313 | 17314 | SN | 2 | -34.977 | 22.577 | 0.004 | -32.785 | 22.746 | 0.006 | 5.798 | 26.68 | 12.504 | 5.993 | 27.184 | 12.6 | 0.116 | 304.933 | 1.928 | 0.116 | 184.081 | 1.294 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 105 | 17314 | 17315 | SN | 1 | -34.68 | 24.523 | 0.014 | -33.273 | 23.355 | 0.044 | 5.142 | 27.311 | 12.511 | 7.738 | 28.075 | 16.6 | 0.116 | 284.742 | 3.976 | 0.116 | 205.933 | 3.309 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 106 | 17314 | 17315 | SN | 2 | -34.68 | 24.523 | 0.014 | -33.252 | 23.355 | 0.046 | 5.142 | 27.311 | 12.81 | 7.738 | 28.075 | 16.982 | 0.116 | 284.742 | 4.106 | 0.116 | 205.019 | 3.417 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 107 | 17314 | 17315 | NS | 4 | -34.855 | 23.34 | 0.017 | -34.718 | 23.733 | 0.059 | -7.302 | 30.048 | 3.769 | -5.651 | 30.53 | 9.064 | 0.116 | 296.471 | 3.743 | 0.116 | 287.242 | 2.948 | 0.116 | 0.614 | 0.0 | 0.116 | 0.451 | 0.0 |
| 108 | 17314 | 17315 | SN | 1 | -34.68 | 24.523 | 0.014 | -33.252 | 23.355 | 0.046 | 5.142 | 27.311 | 12.81 | 7.738 | 28.075 | 16.982 | 0.116 | 284.742 | 4.106 | 0.116 | 205.019 | 3.417 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 109 | 17314 | 17315 | SN | 2 | -34.68 | 24.523 | 0.014 | -33.252 | 23.355 | 0.044 | 5.142 | 27.311 | 12.511 | 7.738 | 28.075 | 16.6 | 0.116 | 284.742 | 3.979 | 0.116 | 205.019 | 3.312 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 110 | 17314 | 17315 | SN | 1 | -34.68 | 24.523 | 0.014 | -33.252 | 23.355 | 0.044 | 5.142 | 27.311 | 12.511 | 7.738 | 28.075 | 16.6 | 0.116 | 284.742 | 3.979 | 0.116 | 205.019 | 3.312 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 111 | 17314 | 17315 | NS | 2 | -34.855 | 23.34 | 0.017 | -34.718 | 23.733 | 0.059 | -7.302 | 30.048 | 3.769 | -5.651 | 30.53 | 9.064 | 0.116 | 296.471 | 3.743 | 0.116 | 287.242 | 2.948 | 0.116 | 0.614 | 0.0 | 0.116 | 0.451 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-----|
| 112 | 17314 | 17315 | NS | 1 | -34.855 | 23.338 | 0.017 | -34.892 | 23.734 | 0.059 | -7.302 | 30.048 | 3.769 | -5.649 | 30.53 | 9.061 | 0.116 | 296.471 | 3.741 | 0.116 | 298.955 | 2.948 | 0.116 | 0.614 | 0.0 | 0.116 | 0.451 | 0.0 |
| 113 | 17314 | 17315 | SN | 2 | -34.68 | 24.523 | 0.014 | -33.273 | 23.355 | 0.044 | 5.142 | 27.311 | 12.511 | 7.738 | 28.075 | 16.6 | 0.116 | 284.742 | 3.976 | 0.116 | 205.933 | 3.309 | 0.116 | 0.14 | 0.0 | 0.116 | 0.129 | 0.0 |
| 114 | 17314 | 17315 | NS | 3 | -34.855 | 23.338 | 0.017 | -34.892 | 23.734 | 0.059 | -7.302 | 30.048 | 3.769 | -5.649 | 30.53 | 9.061 | 0.116 | 296.471 | 3.741 | 0.116 | 298.955 | 2.948 | 0.116 | 0.614 | 0.0 | 0.116 | 0.451 | 0.0 |
| 115 | 17315 | 17316 | SN | 2 | -34.829 | 22.962 | 0.011 | -34.314 | 24.089 | 0.037 | 4.126 | 26.904 | 12.623 | 7.503 | 28.034 | 16.434 | 0.116 | 294.676 | 5.881 | 0.116 | 261.696 | 4.972 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 116 | 17315 | 17316 | NS | 4 | -34.464 | 22.707 | 0.009 | -34.649 | 25.309 | 0.045 | -19.65 | 31.028 | 4.866 | -7.582 | 31.581 | 9.417 | 0.116 | 270.964 | 2.772 | 0.116 | 282.757 | 2.584 | 0.116 | 9.029 | 0.002 | 0.116 | 0.648 | 0.0 |
| 117 | 17315 | 17316 | NS | 3 | -34.241 | 22.707 | 0.009 | -34.673 | 25.309 | 0.045 | -19.657 | 31.028 | 4.868 | -7.582 | 31.581 | 9.418 | 0.116 | 257.362 | 2.771 | 0.116 | 284.296 | 2.583 | 0.116 | 9.043 | 0.002 | 0.116 | 0.648 | 0.0 |
| 118 | 17315 | 17316 | SN | 1 | -34.829 | 22.962 | 0.01 | -34.314 | 24.089 | 0.038 | 4.126 | 26.904 | 11.885 | 7.503 | 28.034 | 16.288 | 0.116 | 294.676 | 5.642 | 0.116 | 261.696 | 4.726 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 119 | 17315 | 17316 | SN | 2 | -34.829 | 22.962 | 0.01 | -34.314 | 24.089 | 0.038 | 4.126 | 26.904 | 11.885 | 7.503 | 28.034 | 16.288 | 0.116 | 294.676 | 5.642 | 0.116 | 261.696 | 4.726 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 120 | 17315 | 17316 | SN | 1 | -34.829 | 22.962 | 0.011 | -34.314 | 24.089 | 0.037 | 4.126 | 26.904 | 12.623 | 7.503 | 28.034 | 16.434 | 0.116 | 294.676 | 5.881 | 0.116 | 261.696 | 4.972 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 121 | 17315 | 17316 | SN | 2 | -34.465 | 22.962 | 0.01 | -34.968 | 24.089 | 0.038 | 4.126 | 26.904 | 11.886 | 7.503 | 28.034 | 16.288 | 0.116 | 270.979 | 5.636 | 0.116 | 304.225 | 4.726 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 122 | 17315 | 17316 | NS | 2 | -34.464 | 22.707 | 0.009 | -34.649 | 25.309 | 0.045 | -19.65 | 31.028 | 4.866 | -7.582 | 31.581 | 9.417 | 0.116 | 270.964 | 2.772 | 0.116 | 282.757 | 2.584 | 0.116 | 9.029 | 0.002 | 0.116 | 0.648 | 0.0 |
| 123 | 17315 | 17316 | NS | 1 | -34.241 | 22.707 | 0.009 | -34.673 | 25.309 | 0.045 | -19.657 | 31.028 | 4.868 | -7.582 | 31.581 | 9.418 | 0.116 | 257.362 | 2.771 | 0.116 | 284.296 | 2.583 | 0.116 | 9.043 | 0.002 | 0.116 | 0.648 | 0.0 |
| 124 | 17315 | 17316 | SN | 1 | -34.465 | 22.962 | 0.01 | -34.968 | 24.089 | 0.038 | 4.126 | 26.904 | 11.886 | 7.503 | 28.034 | 16.288 | 0.116 | 270.979 | 5.636 | 0.116 | 304.225 | 4.726 | 0.116 | 0.146 | 0.0 | 0.116 | 0.129 | 0.0 |
| 125 | 17316 | 17317 | NS | 2 | -34.577 | 22.469 | 0.001 | -33.879 | 22.78 | 0.009 | 6.638 | 26.497 | 6.87 | 6.312 | 28.467 | 16.875 | 0.116 | 278.077 | 1.61 | 0.116 | 236.839 | 1.529 | 0.116 | 0.133 | 0.0 | 0.116 | 0.134 | 0.0 |
| 126 | 17316 | 17317 | SN | 1 | -34.694 | 21.442 | 0.0 | -34.57 | 22.783 | 0.021 | 5.539 | 32.255 | 8.215 | 8.543 | 34.062 | 10.697 | 0.116 | 285.726 | 5.817 | 0.116 | 277.667 | 3.369 | 0.116 | 0.138 | 0.0 | 0.116 | 0.126 | 0.0 |
| 127 | 17316 | 17317 | NS | 1 | -34.496 | 22.467 | 0.001 | -33.857 | 22.78 | 0.01 | 6.638 | 26.497 | 6.871 | 6.312 | 28.467 | 16.874 | 0.116 | 272.925 | 1.609 | 0.116 | 235.62 | 1.529 | 0.116 | 0.133 | 0.0 | 0.116 | 0.134 | 0.0 |
| 128 | 17316 | 17317 | SN | 2 | -34.694 | 21.442 | 0.0 | -34.57 | 21.842 | 0.0 | 5.539 | 32.255 | 8.551 | 8.543 | 34.062 | 10.644 | 0.116 | 285.726 | 6.168 | 0.116 | 277.667 | 3.579 | 0.116 | 0.138 | 0.0 | 0.116 | 0.126 | 0.0 |
| 129 | 17316 | 17317 | NS | 3 | -34.496 | 22.467 | 0.001 | -33.857 | 22.78 | 0.01 | 6.638 | 26.497 | 6.871 | 6.312 | 28.467 | 16.874 | 0.116 | 272.925 | 1.609 | 0.116 | 235.62 | 1.529 | 0.116 | 0.133 | 0.0 | 0.116 | 0.134 | 0.0 |
| 130 | 17316 | 17317 | NS | 4 | -34.577 | 22.469 | 0.001 | -33.879 | 22.78 | 0.009 | 6.638 | 26.497 | 6.87 | 6.312 | 28.467 | 16.875 | 0.116 | 278.077 | 1.61 | 0.116 | 236.839 | 1.529 | 0.116 | 0.133 | 0.0 | 0.116 | 0.134 | 0.0 |
| 131 | 17316 | 17317 | SN | 1 | -34.694 | 21.442 | 0.0 | -34.57 | 21.842 | 0.0 | 5.539 | 32.255 | 8.551 | 8.543 | 34.062 | 10.644 | 0.116 | 285.726 | 6.168 | 0.116 | 277.667 | 3.579 | 0.116 | 0.138 | 0.0 | 0.116 | 0.126 | 0.0 |
| 132 | 17316 | 17317 | SN | 2 | -34.694 | 21.442 | 0.0 | -34.57 | 22.783 | 0.021 | 5.539 | 32.255 | 8.215 | 8.543 | 34.062 | 10.697 | 0.116 | 285.726 | 5.817 | 0.116 | 277.667 | 3.369 | 0.116 | 0.138 | 0.0 | 0.116 | 0.126 | 0.0 |
| 133 | 17317 | 17318 | SN | 2 | -34.922 | 19.947 | 0.0 | -34.796 | 21.569 | 0.0 | -4.778 | 31.712 | 11.336 | -4.118 | 30.376 | 12.331 | 0.116 | 301.01 | 3.811 | 0.116 | 292.474 | 3.12 | 0.116 | 0.387 | 0.0 | 0.116 | 0.347 | 0.0 |
| 134 | 17317 | 17318 | NS | 1 | -34.973 | 24.144 | 0.005 | -33.443 | 22.59 | 0.012 | -5.046 | 29.336 | 13.041 | -3.241 | 29.98 | 22.25 | 0.116 | 304.613 | 2.146 | 0.116 | 214.197 | 1.939 | 0.116 | 0.405 | 0.0 | 0.116 | 0.302 | 0.0 |
| 135 | 17317 | 17318 | SN | 1 | -34.922 | 20.885 | 0.0 | -34.796 | 22.982 | 0.04 | -4.78 | 31.712 | 10.661 | -4.118 | 30.376 | 12.312 | 0.116 | 301.01 | 3.52 | 0.116 | 292.474 | 2.726 | 0.116 | 0.387 | 0.0 | 0.116 | 0.347 | 0.0 |
| 136 | 17317 | 17318 | NS | 2 | -34.973 | 24.144 | 0.005 | -33.443 | 22.59 | 0.012 | -5.046 | 29.336 | 13.041 | -3.241 | 29.98 | 22.25 | 0.116 | 304.613 | 2.146 | 0.116 | 214.197 | 1.939 | 0.116 | 0.405 | 0.0 | 0.116 | 0.302 | 0.0 |
| 137 | 17317 | 17318 | SN | 2 | -34.922 | 20.885 | 0.0 | -34.796 | 22.982 | 0.04 | -4.78 | 31.712 | 10.661 | -4.118 | 30.376 | 12.312 | 0.116 | 301.01 | 3.52 | 0.116 | 292.474 | 2.726 | 0.116 | 0.387 | 0.0 | 0.116 | 0.347 | 0.0 |
| 138 | 17317 | 17318 | NS | 1 | -34.787 | 24.146 | 0.005 | -33.293 | 22.59 | 0.012 | -5.043 | 29.336 | 13.0 | -3.241 | 29.98 | 22.248 | 0.116 | 291.85 | 2.149 | 0.116 | 206.871 | 1.935 | 0.116 | 0.405 | 0.0 | 0.116 | 0.302 | 0.0 |
| 139 | 17317 | 17318 | NS | 2 | -34.787 | 24.146 | 0.005 | -33.293 | 22.59 | 0.012 | -5.043 | 29.336 | 13.0 | -3.241 | 29.98 | 22.248 | 0.116 | 291.85 | 2.149 | 0.116 | 206.871 | 1.935 | 0.116 | 0.405 | 0.0 | 0.116 | 0.302 | 0.0 |
| 140 | 17317 | 17318 | SN | 1 | -34.922 | 19.947 | 0.0 | -34.796 | 21.569 | 0.0 | -4.778 | 31.712 | 11.336 | -4.118 | 30.376 | 12.331 | 0.116 | 301.01 | 3.811 | 0.116 | 292.474 | 3.12 | 0.116 | 0.387 | 0.0 | 0.116 | 0.347 | 0.0 |
| 141 | 17318 | 17319 | NS | 2 | -34.222 | 30.015 | 0.109 | -34.898 | 27.28 | 0.268 | -14.328 | 29.511 | 21.573 | -4.138 | 30.128 | 34.189 | 0.116 | 256.237 | 3.62 | 0.116 | 299.431 | 3.001 | 0.116 | 2.715 | 0.015 | 0.116 | 0.348 | 0.0 |
| 142 | 17318 | 17319 | NS | 2 | -34.612 | 30.015 | 0.109 | -34.977 | 27.28 | 0.268 | -14.328 | 29.511 | 21.57 | -4.138 | 30.128 | 34.201 | 0.116 | 280.348 | 3.615 | 0.116 | 304.941 | 3.011 | 0.116 | 2.715 | 0.015 | 0.116 | 0.348 | 0.0 |
| 143 | 17318 | 17319 | SN | 3 | -34.57 | 22.133 | 0.001 | -34.815 | 24.443 | 0.16 | -12.776 | 28.273 | 14.027 | 0.483 | 30.346 | 14.709 | 0.116 | 277.689 | 4.64 | 0.116 | 293.718 | 3.906 | 0.116 | 1.926 | 0.005 | 0.116 | 0.191 | 0.0 |
| 144 | 17318 | 17319 | SN | 4 | -34.57 | 22.133 | 0.001 | -34.815 | 24.443 | 0.16 | -12.776 | 28.273 | 14.027 | 0.483 | 30.346 | 14.709 | 0.116 | 277.689 | 4.64 | 0.116 | 293.718 | 3.906 | 0.116 | 1.926 | 0.005 | 0.116 | 0.191 | 0.0 |
| 145 | 17318 | 17319 | NS | 1 | -34.612 | 30.015 | 0.109 | -34.977 | 27.28 | 0.268 | -14.328 | 29.511 | 21.57 | -4.138 | 30.128 | 34.201 | 0.116 | 280.348 | 3.615 | 0.116 | 304.941 | 3.011 | 0.116 | 2.715 | 0.015 | 0.116 | 0.348 | 0.0 |
| 146 | 17318 | 17319 | SN | 2 | -34.57 | 22.133 | 0.001 | -34.815 | 24.443 | 0.16 | -12.776 | 28.273 | 14.027 | 0.483 | 30.346 | 14.709 | 0.116 | 277.689 | 4.64 | 0.116 | 293.718 | 3.906 | 0.116 | 1.926 | 0.005 | 0.116 | 0.191 | 0.0 |
| 147 | 17318 | 17319 | NS | 1 | -34.222 | 30.015 | 0.109 | -34.898 | 27.28 | 0.268 | -14.328 | 29.511 | 21.573 | -4.138 | 30.128 | 34.189 | 0.116 | 256.237 | 3.62 | 0.116 | 299.431 | 3.001 | 0.116 | 2.715 | 0.015 | 0.116 | 0.348 | 0.0 |
| 148 | 17318 | 17319 | SN | 1 | -34.57 | 22.133 | 0.001 | -34.815 | 24.443 | 0.16 | -12.776 | 28.273 | 14.027 | 0.483 | 30.346 | 14.709 | 0.116 | 277.689 | 4.64 | 0.116 | 293.718 | 3.906 | 0.116 | 1.926 | 0.005 | 0.116 | 0.191 | 0.0 |
| 149 | 17319 | 17320 | NS | 1 | -34.077 | 29.047 | 0.115 | -34.575 | 25.551 | 0.24 | -21.993 | 36.383 | 11.757 | -7.063 | 33.72 | 20.668 | 0.116 | 247.861 | 6.225 | 0.116 | 277.906 | 5.815 | 0.116 | 15.421 | 0.008 | 0.116 | 0.586 | 0.0 |
| 150 | 17319 | 17320 | NS | 2 | -34.832 | 29.047 | 0.115 | -34.702 | 25.544 | 0.24 | -22.014 | 36.383 | 11.854 | -7.054 | 33.72 | 20.652 | 0.116 | 294.878 | 6.222 | 0.116 | 286.196 | 5.804 | 0.116 | 15.492 | 0.008 | 0.116 | 0.586 | 0.0 |

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

Normal
 Deviations
 Alarming
 High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 151 | 17319 | 17320 | SN | 1 | -34.886 | 23.516 | 0.004 | -34.606 | 24.26 | 0.163 | -19.113 | 28.646 | 13.284 | -11.571 | 29.953 | 13.386 | 0.116 | 298.574 | 7.668 | 0.116 | 279.914 | 7.184 | 0.116 | 7.988 | 0.043 | 0.116 | 1.482 | 0.004 |
| 152 | 17319 | 17320 | SN | 2 | -34.886 | 23.516 | 0.004 | -34.606 | 24.26 | 0.163 | -19.113 | 28.646 | 13.284 | -11.571 | 29.953 | 13.386 | 0.116 | 298.574 | 7.668 | 0.116 | 279.914 | 7.184 | 0.116 | 7.988 | 0.043 | 0.116 | 1.482 | 0.004 |
| 153 | 17319 | 17320 | NS | 1 | -34.832 | 29.047 | 0.115 | -34.702 | 25.544 | 0.24 | -22.014 | 36.383 | 11.854 | -7.054 | 33.72 | 20.652 | 0.116 | 294.878 | 6.222 | 0.116 | 286.196 | 5.804 | 0.116 | 15.492 | 0.008 | 0.116 | 0.586 | 0.0 |
| 154 | 17319 | 17320 | NS | 2 | -34.077 | 29.047 | 0.115 | -34.575 | 25.551 | 0.24 | -21.993 | 36.383 | 11.757 | -7.063 | 33.72 | 20.668 | 0.116 | 247.861 | 6.225 | 0.116 | 277.906 | 5.815 | 0.116 | 15.421 | 0.008 | 0.116 | 0.586 | 0.0 |
| 155 | 17320 | 17321 | SN | 1 | -34.713 | 23.706 | 0.008 | -34.922 | 24.474 | 0.502 | -28.802 | 28.866 | 11.774 | -23.692 | 29.389 | 10.555 | 0.116 | 286.875 | 6.004 | 0.116 | 300.983 | 4.838 | 0.116 | 73.616 | 0.09 | 0.116 | 22.762 | 0.085 |
| 156 | 17320 | 17321 | NS | 2 | -34.971 | 26.408 | 0.168 | -34.639 | 28.512 | 0.437 | -4.164 | 28.737 | 16.639 | 1.42 | 30.003 | 24.44 | 0.116 | 304.509 | 5.618 | 0.116 | 281.997 | 4.818 | 0.116 | 0.35 | 0.0 | 0.116 | 0.175 | 0.0 |
| 157 | 17320 | 17321 | NS | 1 | -34.971 | 26.408 | 0.168 | -34.639 | 28.512 | 0.437 | -4.164 | 28.737 | 16.639 | 1.42 | 30.003 | 24.44 | 0.116 | 304.509 | 5.618 | 0.116 | 281.997 | 4.818 | 0.116 | 0.35 | 0.0 | 0.116 | 0.175 | 0.0 |
| 158 | 17320 | 17321 | NS | 2 | -34.971 | 26.408 | 0.168 | -34.639 | 28.512 | 0.437 | -4.164 | 28.737 | 17.39 | 1.42 | 30.003 | 25.331 | 0.116 | 304.509 | 5.618 | 0.116 | 281.997 | 4.818 | 0.116 | 0.35 | 0.0 | 0.116 | 0.175 | 0.0 |
| 159 | 17320 | 17321 | NS | 1 | -34.971 | 26.408 | 0.168 | -34.639 | 28.512 | 0.437 | -4.164 | 28.737 | 17.39 | 1.42 | 30.003 | 25.331 | 0.116 | 304.509 | 5.618 | 0.116 | 281.997 | 4.818 | 0.116 | 0.35 | 0.0 | 0.116 | 0.175 | 0.0 |
| 160 | 17320 | 17321 | SN | 2 | -34.713 | 23.706 | 0.008 | -34.922 | 24.474 | 0.502 | -28.802 | 28.866 | 11.774 | -23.692 | 29.389 | 10.555 | 0.116 | 286.875 | 6.004 | 0.116 | 300.983 | 4.838 | 0.116 | 73.616 | 0.09 | 0.116 | 22.762 | 0.085 |
| 161 | 17321 | 17322 | SN | 2 | -34.837 | 22.865 | 0.021 | -34.454 | 24.248 | 1.083 | -4.033 | 30.454 | 14.196 | -5.474 | 29.802 | 15.84 | 0.116 | 295.146 | 2.988 | 0.116 | 270.381 | 2.274 | 0.116 | 0.342 | 0.0 | 0.116 | 0.437 | 0.0 |
| 162 | 17321 | 17322 | NS | 1 | -34.304 | 27.057 | 0.198 | -34.956 | 26.681 | 0.437 | 11.298 | 28.784 | 18.907 | 11.366 | 28.785 | 36.203 | 0.116 | 261.148 | 4.355 | 0.116 | 303.433 | 4.145 | 0.116 | 0.121 | 0.0 | 0.116 | 0.121 | 0.0 |
| 163 | 17321 | 17322 | NS | 2 | -34.493 | 27.057 | 0.198 | -34.47 | 26.681 | 0.437 | 11.298 | 28.784 | 23.935 | 11.368 | 28.785 | 35.546 | 0.116 | 272.778 | 4.35 | 0.116 | 271.322 | 4.147 | 0.116 | 0.121 | 0.0 | 0.116 | 0.121 | 0.0 |
| 164 | 17321 | 17322 | NS | 1 | -34.493 | 27.057 | 0.198 | -34.47 | 26.681 | 0.437 | 11.298 | 28.784 | 23.935 | 11.368 | 28.785 | 35.546 | 0.116 | 272.778 | 4.35 | 0.116 | 271.322 | 4.147 | 0.116 | 0.121 | 0.0 | 0.116 | 0.121 | 0.0 |
| 165 | 17321 | 17322 | NS | 2 | -34.304 | 27.057 | 0.198 | -34.956 | 26.681 | 0.437 | 11.298 | 28.784 | 18.907 | 11.366 | 28.785 | 36.203 | 0.116 | 261.148 | 4.355 | 0.116 | 303.433 | 4.145 | 0.116 | 0.121 | 0.0 | 0.116 | 0.121 | 0.0 |
| 166 | 17321 | 17322 | SN | 1 | -34.837 | 22.865 | 0.021 | -34.454 | 24.248 | 1.083 | -4.033 | 30.454 | 14.196 | -5.474 | 29.802 | 15.84 | 0.116 | 295.146 | 2.988 | 0.116 | 270.381 | 2.274 | 0.116 | 0.342 | 0.0 | 0.116 | 0.437 | 0.0 |
| 167 | 17322 | 17323 | NS | 1 | -34.436 | 26.655 | 0.195 | -34.837 | 27.715 | 0.156 | 7.943 | 28.983 | 26.186 | 8.187 | 28.88 | 34.961 | 0.116 | 269.168 | 5.107 | 0.116 | 295.155 | 5.138 | 0.116 | 0.128 | 0.0 | 0.116 | 0.127 | 0.0 |
| 168 | 17322 | 17323 | NS | 2 | -34.436 | 26.655 | 0.195 | -34.837 | 27.715 | 0.156 | 7.943 | 28.983 | 26.186 | 8.187 | 28.88 | 34.961 | 0.116 | 269.168 | 5.107 | 0.116 | 295.155 | 5.138 | 0.116 | 0.128 | 0.0 | 0.116 | 0.127 | 0.0 |
| 169 | 17322 | 17323 | SN | 1 | -34.889 | 22.873 | 0.032 | -34.937 | 24.264 | 0.842 | -1.135 | 29.454 | 31.915 | -3.409 | 29.845 | 40.206 | 0.116 | 298.783 | 4.157 | 0.116 | 302.162 | 3.335 | 0.116 | 0.227 | 0.0 | 0.116 | 0.31 | 0.0 |
| 170 | 17322 | 17323 | NS | 1 | -34.436 | 26.655 | 0.195 | -34.837 | 27.715 | 0.156 | 7.701 | 28.983 | 14.776 | 8.104 | 28.856 | 28.22 | 0.116 | 269.168 | 5.112 | 0.116 | 295.155 | 5.137 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 171 | 17322 | 17323 | SN | 2 | -34.889 | 22.873 | 0.032 | -34.937 | 24.264 | 0.842 | -1.135 | 29.454 | 31.915 | -3.409 | 29.845 | 40.206 | 0.116 | 298.783 | 4.157 | 0.116 | 302.162 | 3.335 | 0.116 | 0.227 | 0.0 | 0.116 | 0.31 | 0.0 |
| 172 | 17322 | 17323 | NS | 2 | -34.436 | 26.655 | 0.195 | -34.837 | 27.715 | 0.156 | 7.701 | 28.983 | 14.776 | 8.104 | 28.856 | 28.22 | 0.116 | 269.168 | 5.112 | 0.116 | 295.155 | 5.137 | 0.116 | 0.129 | 0.0 | 0.116 | 0.128 | 0.0 |
| 173 | 17323 | 17324 | NS | 2 | -34.98 | 27.37 | 0.171 | -34.926 | 22.744 | 0.013 | 7.044 | 31.834 | 2.533 | 7.072 | 28.56 | 2.461 | 0.116 | 305.136 | 3.466 | 0.116 | 301.328 | 3.37 | 0.116 | 0.131 | 0.0 | 0.116 | 0.131 | 0.0 |
| 174 | 17323 | 17324 | NS | 1 | -34.98 | 27.37 | 0.171 | -34.926 | 22.744 | 0.013 | 7.044 | 31.834 | 2.533 | 7.072 | 28.56 | 2.461 | 0.116 | 305.136 | 3.466 | 0.116 | 301.328 | 3.37 | 0.116 | 0.131 | 0.0 | 0.116 | 0.131 | 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 | 17295 | 17296 | SN | 1 | 57.5 | 58.319 | 0.0 | 0.0 | 293.073 | 4.081 | 1209.416 | 1276.544 | 0.69 | -93.278 | -92.061 | 0.0 |
| 2 | 17295 | 17296 | SN | 1 | 57.5 | 58.319 | 0.0 | 0.0 | 293.073 | 3.586 | 1209.416 | 1276.544 | 0.711 | -93.278 | -92.061 | 0.0 |
| 3 | 17296 | 17297 | SN | 1 | 57.518 | 58.304 | 0.0 | 0.0 | 291.705 | 3.917 | 1208.72 | 1276.472 | 1.052 | -93.219 | -92.04 | 0.0 |
| 4 | 17296 | 17297 | NS | 1 | 57.491 | 58.228 | 0.0 | 0.0 | 298.262 | 3.761 | 1211.512 | 1275.72 | 0.0 | -93.226 | -92.039 | 0.0 |
| 5 | 17296 | 17297 | NS | 1 | 57.491 | 58.232 | 0.0 | 0.0 | 298.262 | 3.758 | 1211.512 | 1275.72 | 0.0 | -93.228 | -92.039 | 0.0 |
| 6 | 17296 | 17297 | SN | 2 | 57.518 | 58.304 | 0.0 | 0.0 | 291.705 | 3.917 | 1208.72 | 1276.472 | 1.052 | -93.219 | -92.04 | 0.0 |
| 7 | 17296 | 17297 | SN | 1 | 57.518 | 58.304 | 0.0 | 0.0 | 291.705 | 3.589 | 1208.72 | 1276.472 | 1.068 | -93.219 | -92.04 | 0.0 |
| 8 | 17297 | 17298 | NS | 1 | 57.493 | 58.211 | 0.0 | 0.0 | 297.336 | 3.605 | 1211.0 | 1275.904 | 0.0 | -93.582 | -91.985 | 0.0 |
| 9 | 17297 | 17298 | SN | 1 | 57.477 | 58.32 | 0.0 | 0.0 | 298.544 | 3.449 | 1209.096 | 1276.608 | 1.818 | -93.269 | -92.056 | 0.0 |
| 10 | 17297 | 17298 | NS | 1 | 57.493 | 58.211 | 0.0 | 0.0 | 297.336 | 3.601 | 1211.64 | 1275.904 | 0.0 | -93.582 | -91.985 | 0.0 |
| 11 | 17297 | 17298 | SN | 1 | 57.477 | 58.32 | 0.0 | 0.0 | 298.532 | 3.729 | 1209.096 | 1276.608 | 1.797 | -93.269 | -92.056 | 0.0 |
| 12 | 17297 | 17298 | SN | 1 | 57.492 | 58.32 | 0.0 | 0.0 | 298.566 | 3.437 | 1209.104 | 1276.632 | 1.812 | -93.27 | -92.056 | 0.0 |
| 13 | 17298 | 17299 | SN | 1 | 57.493 | 58.308 | 0.0 | 0.0 | 298.549 | 3.72 | 1208.856 | 1276.696 | 2.223 | -93.242 | -92.069 | 0.0 |
| 14 | 17298 | 17299 | SN | 1 | 57.482 | 58.299 | 0.0 | 0.0 | 298.549 | 3.724 | 1208.096 | 1276.696 | 2.226 | -93.134 | -92.069 | 0.0 |
| 15 | 17298 | 17299 | SN | 1 | 57.482 | 58.299 | 0.0 | 0.0 | 285.638 | 3.418 | 1208.096 | 1276.696 | 2.258 | -93.134 | -92.069 | 0.0 |
| 16 | 17298 | 17299 | NS | 1 | 57.494 | 58.236 | 0.0 | 0.0 | 299.773 | 3.892 | 1211.16 | 1275.808 | 0.0 | -93.296 | -92.037 | 0.0 |
| 17 | 17299 | 17300 | NS | 1 | 57.494 | 58.237 | 0.0 | 0.0 | 287.74 | 3.774 | 1211.24 | 1275.664 | 0.0 | -93.286 | -92.046 | 0.0 |
| 18 | 17299 | 17300 | SN | 1 | 57.485 | 58.307 | 0.0 | 0.0 | 295.08 | 3.369 | 1208.856 | 1276.344 | 2.335 | -93.509 | -92.068 | 0.0 |
| 19 | 17299 | 17300 | SN | 1 | 57.485 | 58.307 | 0.0 | 0.0 | 295.08 | 3.742 | 1208.856 | 1276.344 | 2.284 | -93.509 | -92.068 | 0.0 |
| 20 | 17299 | 17300 | SN | 1 | 57.484 | 58.306 | 0.0 | 0.0 | 295.091 | 3.739 | 1208.848 | 1276.336 | 2.301 | -93.234 | -92.068 | 0.0 |
| 21 | 17299 | 17300 | NS | 2 | 57.494 | 58.237 | 0.0 | 0.0 | 287.74 | 3.774 | 1211.24 | 1275.664 | 0.0 | -93.286 | -92.046 | 0.0 |
| 22 | 17300 | 17301 | SN | 2 | 57.476 | 58.32 | 0.0 | 0.0 | 290.679 | 3.769 | 1208.416 | 1276.224 | 2.218 | -93.263 | -92.069 | 0.0 |
| 23 | 17300 | 17301 | NS | 1 | 57.478 | 58.225 | 0.0 | 0.0 | 287.425 | 3.793 | 1211.272 | 1275.544 | 0.0 | -93.3 | -92.044 | 0.0 |
| 24 | 17300 | 17301 | SN | 1 | 57.476 | 58.32 | 0.0 | 0.0 | 290.679 | 3.239 | 1208.416 | 1276.224 | 2.301 | -93.263 | -92.069 | 0.0 |
| 25 | 17300 | 17301 | SN | 1 | 57.475 | 58.318 | 0.0 | 0.0 | 290.707 | 3.77 | 1208.408 | 1276.2 | 2.252 | -93.264 | -92.069 | 0.0 |
| 26 | 17300 | 17301 | NS | 1 | 57.478 | 58.218 | 0.0 | 0.0 | 287.425 | 3.789 | 1211.272 | 1275.544 | 0.0 | -93.364 | -92.044 | 0.0 |
| 27 | 17301 | 17302 | SN | 1 | 57.485 | 58.309 | 0.0 | 0.0 | 289.642 | 3.107 | 1208.928 | 1276.16 | 2.108 | -93.275 | -92.066 | 0.0 |
| 28 | 17301 | 17302 | NS | 1 | 57.461 | 58.236 | 0.0 | 0.0 | 298.086 | 3.929 | 1211.144 | 1275.472 | 0.0 | -93.264 | -92.053 | 0.0 |
| 29 | 17301 | 17302 | SN | 1 | 57.485 | 58.309 | 0.0 | 0.0 | 299.74 | 3.886 | 1208.928 | 1276.16 | 2.0 | -93.275 | -92.066 | 0.0 |
| 30 | 17301 | 17302 | NS | 1 | 57.463 | 58.236 | 0.0 | 0.0 | 298.086 | 3.939 | 1211.2 | 1275.472 | 0.0 | -93.264 | -92.053 | 0.0 |
| 31 | 17301 | 17302 | SN | 1 | 57.484 | 58.307 | 0.0 | 0.0 | 299.74 | 3.885 | 1208.896 | 1276.12 | 2.052 | -93.274 | -92.067 | 0.0 |
| 32 | 17302 | 17303 | SN | 1 | 57.505 | 58.313 | 0.0 | 0.0 | 297.86 | 3.897 | 1208.616 | 1276.344 | 1.392 | -93.487 | -92.055 | 0.0 |
| 33 | 17302 | 17303 | SN | 1 | 57.504 | 58.313 | 0.0 | 0.003 | 285.048 | 2.755 | 1209.216 | 1276.344 | 1.504 | -93.29 | -92.055 | 0.0 |
| 34 | 17302 | 17303 | SN | 1 | 57.504 | 58.313 | 0.0 | 0.0 | 297.86 | 3.9 | 1209.216 | 1276.344 | 1.394 | -93.29 | -92.055 | 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 | 17302 | 17303 | NS | 1 | 57.456 | 58.215 | 0.0 | 0.0 | 294.617 | 3.717 | 1211.312 | 1275.64 | 0.0 | -93.228 | -92.058 | 0.0 |
| 36 | 17303 | 17304 | NS | 1 | 57.477 | 58.232 | 0.0 | 0.0 | 288.01 | 4.035 | 1211.6 | 1275.704 | 0.0 | -93.61 | -92.045 | 0.0 |
| 37 | 17303 | 17304 | NS | 2 | 57.477 | 58.232 | 0.0 | 0.0 | 288.01 | 4.035 | 1211.6 | 1275.704 | 0.0 | -93.293 | -92.045 | 0.0 |
| 38 | 17303 | 17304 | SN | 1 | 57.495 | 58.283 | 0.0 | 0.0 | 295.714 | 3.801 | 1209.0 | 1276.4 | 1.409 | -93.251 | -92.003 | 0.0 |
| 39 | 17304 | 17305 | NS | 1 | 57.485 | 58.209 | 0.0 | 0.0 | 293.663 | 3.887 | 1211.992 | 1275.576 | 0.0 | -93.204 | -92.026 | 0.0 |
| 40 | 17304 | 17305 | SN | 1 | 57.495 | 58.291 | 0.0 | 0.0 | 292.725 | 3.796 | 1208.568 | 1276.36 | 1.32 | -95.37 | -92.044 | 0.0 |
| 41 | 17304 | 17305 | NS | 1 | 57.484 | 58.208 | 0.0 | 0.0 | 293.58 | 3.881 | 1211.984 | 1275.576 | 0.0 | -93.212 | -92.026 | 0.0 |
| 42 | 17305 | 17306 | SN | 3 | 57.496 | 58.303 | 0.0 | 0.0 | 291.032 | 3.923 | 1209.056 | 1276.208 | 1.388 | -93.414 | -92.04 | 0.0 |
| 43 | 17305 | 17306 | NS | 1 | 57.477 | 58.239 | 0.0 | 0.0 | 295.549 | 3.937 | 1211.336 | 1275.52 | 0.0 | -93.278 | -92.04 | 0.0 |
| 44 | 17305 | 17306 | NS | 1 | 57.492 | 58.234 | 0.0 | 0.0 | 295.549 | 3.941 | 1211.272 | 1275.52 | 0.0 | -93.278 | -92.04 | 0.0 |
| 45 | 17305 | 17306 | SN | 1 | 57.496 | 58.302 | 0.0 | 0.0 | 291.021 | 3.923 | 1208.912 | 1276.192 | 1.391 | -93.414 | -92.04 | 0.0 |
| 46 | 17305 | 17306 | SN | 2 | 57.496 | 58.302 | 0.0 | 0.0 | 291.021 | 3.923 | 1208.912 | 1276.192 | 1.391 | -93.414 | -92.04 | 0.0 |
| 47 | 17306 | 17307 | SN | 1 | 57.481 | 58.285 | 0.0 | 0.0 | 298.687 | 3.865 | 1208.48 | 1276.288 | 1.912 | -93.239 | -92.035 | 0.0 |
| 48 | 17306 | 17307 | NS | 1 | 57.461 | 58.234 | 0.0 | 0.0 | 297.192 | 3.679 | 1211.416 | 1275.608 | 0.0 | -93.295 | -92.06 | 0.0 |
| 49 | 17306 | 17307 | NS | 1 | 57.462 | 58.236 | 0.0 | 0.0 | 297.192 | 3.087 | 1211.888 | 1275.44 | 0.0 | -93.3 | -92.059 | 0.0 |
| 50 | 17306 | 17307 | SN | 1 | 57.482 | 58.285 | 0.0 | 0.0 | 298.687 | 3.862 | 1209.008 | 1276.288 | 1.91 | -93.239 | -92.035 | 0.0 |
| 51 | 17306 | 17307 | NS | 1 | 57.462 | 58.228 | 0.0 | 0.0 | 297.192 | 3.683 | 1211.888 | 1275.608 | 0.0 | -93.445 | -92.059 | 0.0 |
| 52 | 17307 | 17308 | SN | 2 | 57.487 | 58.317 | 0.0 | 0.0 | 297.507 | 3.78 | 1208.992 | 1276.336 | 1.88 | -93.214 | -92.045 | 0.0 |
| 53 | 17307 | 17308 | NS | 1 | 57.485 | 58.237 | 0.0 | 0.0 | 297.28 | 3.936 | 1210.896 | 1275.616 | 0.0 | -93.285 | -92.057 | 0.0 |
| 54 | 17307 | 17308 | NS | 1 | 57.485 | 58.232 | 0.0 | 0.0 | 280.956 | 3.101 | 1210.896 | 1274.384 | 0.0 | -93.278 | -92.057 | 0.0 |
| 55 | 17307 | 17308 | NS | 2 | 57.485 | 58.237 | 0.0 | 0.0 | 297.28 | 3.936 | 1210.896 | 1275.616 | 0.0 | -93.285 | -92.057 | 0.0 |
| 56 | 17307 | 17308 | SN | 1 | 57.487 | 58.317 | 0.0 | 0.0 | 297.507 | 3.78 | 1208.992 | 1276.336 | 1.88 | -93.214 | -92.045 | 0.0 |
| 57 | 17307 | 17308 | SN | 1 | 57.491 | 58.313 | 0.0 | 0.0 | 297.507 | 3.768 | 1208.992 | 1276.336 | 1.884 | -93.266 | -92.045 | 0.0 |
| 58 | 17308 | 17309 | NS | 1 | 57.483 | 58.238 | 0.0 | 0.0 | 295.769 | 2.255 | 1210.976 | 1273.688 | 0.0 | -93.273 | -92.056 | 0.0 |
| 59 | 17308 | 17309 | SN | 2 | 57.49 | 58.311 | 0.0 | 0.0 | 292.141 | 3.796 | 1208.72 | 1276.448 | 1.913 | -93.393 | -92.07 | 0.0 |
| 60 | 17308 | 17309 | NS | 1 | 57.483 | 58.24 | 0.0 | 0.0 | 295.769 | 3.752 | 1210.976 | 1275.72 | 0.0 | -93.282 | -92.056 | 0.0 |
| 61 | 17308 | 17309 | NS | 1 | 57.483 | 58.236 | 0.0 | 0.0 | 295.769 | 3.757 | 1210.976 | 1275.744 | 0.0 | -93.281 | -92.056 | 0.0 |
| 62 | 17308 | 17309 | SN | 1 | 57.49 | 58.311 | 0.0 | 0.0 | 292.141 | 3.796 | 1208.72 | 1276.448 | 1.913 | -93.393 | -92.07 | 0.0 |
| 63 | 17309 | 17310 | NS | 1 | 57.471 | 58.228 | 0.0 | 0.0 | 298.593 | 3.878 | 1210.664 | 1275.784 | 0.0 | -93.206 | -92.055 | 0.0 |
| 64 | 17309 | 17310 | NS | 1 | 57.463 | 58.206 | 0.0 | 0.0 | 298.593 | 3.875 | 1210.664 | 1275.784 | 0.0 | -93.363 | -92.055 | 0.0 |
| 65 | 17309 | 17310 | SN | 1 | 57.495 | 58.316 | 0.0 | 0.003 | 290.464 | 3.038 | 1208.376 | 1276.456 | 1.413 | -93.263 | -92.072 | 0.0 |
| 66 | 17309 | 17310 | SN | 1 | 57.495 | 58.316 | 0.0 | 0.0 | 290.464 | 4.075 | 1208.376 | 1276.456 | 1.338 | -93.263 | -92.072 | 0.0 |
| 67 | 17309 | 17310 | NS | 1 | 57.471 | 58.216 | 0.0 | 0.0 | 298.593 | 2.072 | 1210.664 | 1270.344 | 0.0 | -93.196 | -92.055 | 0.0 |
| 68 | 17309 | 17310 | SN | 2 | 57.495 | 58.316 | 0.0 | 0.0 | 290.464 | 4.072 | 1208.376 | 1276.456 | 1.338 | -93.263 | -92.072 | 0.0 |
| 69 | 17310 | 17311 | SN | 1 | 57.519 | 58.295 | 0.0 | 0.0 | 297.694 | 4.051 | 1208.976 | 1276.232 | 1.231 | -93.253 | -92.046 | 0.0 |
| 70 | 17310 | 17311 | SN | 1 | 57.519 | 58.295 | 0.0 | 0.0 | 297.733 | 4.055 | 1208.976 | 1276.232 | 1.233 | -93.253 | -92.046 | 0.0 |
| 71 | 17310 | 17311 | NS | 1 | 57.47 | 58.227 | 0.0 | 0.0 | 297.782 | 3.926 | 1211.52 | 1275.56 | 0.0 | -93.26 | -92.031 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 72 | 17310 | 17311 | NS | 2 | 57.47 | 58.227 | 0.0 | 0.0 | 297.782 | 3.926 | 1211.52 | 1275.56 | 0.0 | -93.26 | -92.031 | 0.0 |
| 73 | 17310 | 17311 | SN | 2 | 57.519 | 58.295 | 0.0 | 0.0 | 297.733 | 4.055 | 1208.976 | 1276.232 | 1.233 | -93.253 | -92.046 | 0.0 |
| 74 | 17310 | 17311 | SN | 2 | 57.519 | 58.295 | 0.0 | 0.0 | 290.05 | 3.728 | 1208.976 | 1276.232 | 1.26 | -93.253 | -92.046 | 0.0 |
| 75 | 17310 | 17311 | SN | 2 | 57.519 | 58.295 | 0.0 | 0.0 | 297.694 | 4.051 | 1208.976 | 1276.232 | 1.231 | -93.253 | -92.046 | 0.0 |
| 76 | 17310 | 17311 | SN | 1 | 57.519 | 58.295 | 0.0 | 0.0 | 290.05 | 3.728 | 1208.976 | 1276.232 | 1.26 | -93.253 | -92.046 | 0.0 |
| 77 | 17311 | 17312 | SN | 2 | 57.48 | 58.283 | 0.0 | 0.0 | 297.474 | 3.499 | 1208.76 | 1276.392 | 1.953 | -93.213 | -92.035 | 0.0 |
| 78 | 17311 | 17312 | SN | 1 | 57.48 | 58.283 | 0.0 | 0.0 | 297.474 | 3.499 | 1208.76 | 1276.392 | 1.953 | -93.213 | -92.035 | 0.0 |
| 79 | 17311 | 17312 | SN | 1 | 57.488 | 58.306 | 0.0 | 0.0 | 297.474 | 3.511 | 1208.28 | 1276.392 | 1.949 | -93.22 | -92.035 | 0.0 |
| 80 | 17311 | 17312 | NS | 1 | 57.495 | 58.231 | 0.0 | 0.0 | 297.485 | 3.645 | 1212.064 | 1275.768 | 0.0 | -93.245 | -92.004 | 0.0 |
| 81 | 17311 | 17312 | NS | 2 | 57.494 | 58.229 | 0.0 | 0.0 | 297.429 | 3.645 | 1212.024 | 1275.792 | 0.0 | -93.256 | -92.004 | 0.0 |
| 82 | 17311 | 17312 | SN | 1 | 57.488 | 58.306 | 0.0 | 0.0 | 297.474 | 3.807 | 1208.28 | 1276.392 | 1.927 | -93.22 | -92.035 | 0.0 |
| 83 | 17311 | 17312 | SN | 2 | 57.488 | 58.306 | 0.0 | 0.0 | 297.474 | 3.511 | 1208.28 | 1276.392 | 1.949 | -93.22 | -92.035 | 0.0 |
| 84 | 17311 | 17312 | NS | 3 | 57.495 | 58.231 | 0.0 | 0.0 | 297.485 | 3.645 | 1212.064 | 1275.768 | 0.0 | -93.245 | -92.004 | 0.0 |
| 85 | 17311 | 17312 | NS | 4 | 57.494 | 58.229 | 0.0 | 0.0 | 297.429 | 3.645 | 1212.024 | 1275.792 | 0.0 | -93.256 | -92.004 | 0.0 |
| 86 | 17311 | 17312 | SN | 2 | 57.488 | 58.306 | 0.0 | 0.0 | 297.474 | 3.807 | 1208.28 | 1276.392 | 1.927 | -93.22 | -92.035 | 0.0 |
| 87 | 17312 | 17313 | SN | 1 | 57.49 | 58.307 | 0.0 | 0.0 | 295.097 | 3.72 | 1208.192 | 1276.464 | 2.597 | -93.219 | -92.067 | 0.0 |
| 88 | 17312 | 17313 | SN | 1 | 57.481 | 58.283 | 0.0 | 0.0 | 295.097 | 3.722 | 1208.704 | 1276.464 | 2.596 | -93.307 | -92.067 | 0.0 |
| 89 | 17312 | 17313 | SN | 1 | 57.49 | 58.307 | 0.0 | 0.0 | 295.097 | 3.417 | 1208.192 | 1276.464 | 2.629 | -93.219 | -92.067 | 0.0 |
| 90 | 17312 | 17313 | NS | 2 | 57.495 | 58.209 | 0.0 | 0.0 | 290.392 | 3.647 | 1212.16 | 1275.864 | 0.0 | -93.247 | -92.004 | 0.0 |
| 91 | 17312 | 17313 | NS | 1 | 57.495 | 58.209 | 0.0 | 0.0 | 290.392 | 3.647 | 1212.16 | 1275.864 | 0.0 | -93.247 | -92.004 | 0.0 |
| 92 | 17312 | 17313 | SN | 2 | 57.49 | 58.307 | 0.0 | 0.0 | 295.097 | 3.417 | 1208.192 | 1276.464 | 2.629 | -93.219 | -92.067 | 0.0 |
| 93 | 17312 | 17313 | SN | 2 | 57.49 | 58.307 | 0.0 | 0.0 | 295.097 | 3.72 | 1208.192 | 1276.464 | 2.597 | -93.219 | -92.067 | 0.0 |
| 94 | 17312 | 17313 | SN | 2 | 57.481 | 58.283 | 0.0 | 0.0 | 295.097 | 3.722 | 1208.704 | 1276.464 | 2.596 | -93.307 | -92.067 | 0.0 |
| 95 | 17313 | 17314 | SN | 2 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.429 | 1208.624 | 1276.304 | 2.829 | -93.504 | -92.035 | 0.0 |
| 96 | 17313 | 17314 | SN | 1 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.77 | 1208.624 | 1276.304 | 2.779 | -93.504 | -92.035 | 0.0 |
| 97 | 17313 | 17314 | SN | 4 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.77 | 1208.624 | 1276.304 | 2.779 | -93.504 | -92.035 | 0.0 |
| 98 | 17313 | 17314 | SN | 3 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.77 | 1208.624 | 1276.304 | 2.779 | -93.504 | -92.035 | 0.0 |
| 99 | 17313 | 17314 | NS | 1 | 57.495 | 58.238 | 0.0 | 0.0 | 297.948 | 3.734 | 1211.664 | 1275.704 | 0.0 | -93.661 | -92.035 | 0.0 |
| 100 | 17313 | 17314 | NS | 1 | 57.495 | 58.24 | 0.0 | 0.0 | 297.876 | 3.738 | 1211.648 | 1275.728 | 0.0 | -93.284 | -92.035 | 0.0 |
| 101 | 17313 | 17314 | NS | 2 | 57.495 | 58.238 | 0.0 | 0.0 | 297.948 | 3.734 | 1211.664 | 1275.704 | 0.0 | -93.661 | -92.035 | 0.0 |
| 102 | 17313 | 17314 | NS | 2 | 57.495 | 58.24 | 0.0 | 0.0 | 297.876 | 3.738 | 1211.648 | 1275.728 | 0.0 | -93.284 | -92.035 | 0.0 |
| 103 | 17313 | 17314 | SN | 1 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.429 | 1208.624 | 1276.304 | 2.829 | -93.504 | -92.035 | 0.0 |
| 104 | 17313 | 17314 | SN | 2 | 57.482 | 58.289 | 0.0 | 0.0 | 291.186 | 3.77 | 1208.624 | 1276.304 | 2.779 | -93.504 | -92.035 | 0.0 |
| 105 | 17314 | 17315 | SN | 1 | 57.503 | 58.3 | 0.0 | 0.003 | 299.282 | 3.743 | 1208.576 | 1276.208 | 2.842 | -93.262 | -92.066 | 0.0 |
| 106 | 17314 | 17315 | SN | 2 | 57.482 | 58.3 | 0.0 | 0.003 | 288.247 | 3.307 | 1208.096 | 1276.208 | 2.905 | -93.262 | -92.066 | 0.0 |
| 107 | 17314 | 17315 | NS | 4 | 57.475 | 58.239 | 0.0 | 0.0 | 297.551 | 3.963 | 1212.328 | 1275.664 | 0.0 | -93.742 | -92.048 | 0.0 |
| 108 | 17314 | 17315 | SN | 1 | 57.482 | 58.3 | 0.0 | 0.003 | 288.247 | 3.307 | 1208.096 | 1276.208 | 2.905 | -93.262 | -92.066 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 109 | 17314 | 17315 | SN | 2 | 57.482 | 58.3 | 0.0 | 0.003 | 299.282 | 3.747 | 1208.096 | 1276.208 | 2.822 | -93.262 | -92.066 | 0.0 |
| 110 | 17314 | 17315 | SN | 1 | 57.482 | 58.3 | 0.0 | 0.003 | 299.282 | 3.747 | 1208.096 | 1276.208 | 2.822 | -93.262 | -92.066 | 0.0 |
| 111 | 17314 | 17315 | NS | 2 | 57.475 | 58.239 | 0.0 | 0.0 | 297.551 | 3.963 | 1212.328 | 1275.664 | 0.0 | -93.742 | -92.048 | 0.0 |
| 112 | 17314 | 17315 | NS | 1 | 57.476 | 58.24 | 0.0 | 0.0 | 297.578 | 3.967 | 1212.36 | 1275.624 | 0.0 | -93.742 | -92.048 | 0.0 |
| 113 | 17314 | 17315 | SN | 2 | 57.503 | 58.3 | 0.0 | 0.003 | 299.282 | 3.743 | 1208.576 | 1276.208 | 2.842 | -93.262 | -92.066 | 0.0 |
| 114 | 17314 | 17315 | NS | 3 | 57.476 | 58.24 | 0.0 | 0.0 | 297.578 | 3.967 | 1212.36 | 1275.624 | 0.0 | -93.742 | -92.048 | 0.0 |
| 115 | 17315 | 17316 | SN | 2 | 57.5 | 58.31 | 0.0 | 0.0 | 285.324 | 3.174 | 1207.672 | 1276.032 | 2.892 | -93.258 | -92.067 | 0.0 |
| 116 | 17315 | 17316 | NS | 4 | 57.466 | 58.24 | 0.0 | 0.0 | 293.018 | 3.849 | 1211.624 | 1275.48 | 0.0 | -93.286 | -92.055 | 0.0 |
| 117 | 17315 | 17316 | NS | 3 | 57.462 | 58.241 | 0.0 | 0.0 | 299.994 | 3.851 | 1212.392 | 1275.416 | 0.0 | -93.312 | -92.056 | 0.0 |
| 118 | 17315 | 17316 | SN | 1 | 57.5 | 58.31 | 0.0 | 0.0 | 299.073 | 3.81 | 1207.672 | 1276.032 | 2.764 | -93.258 | -92.067 | 0.0 |
| 119 | 17315 | 17316 | SN | 2 | 57.5 | 58.31 | 0.0 | 0.0 | 299.073 | 3.81 | 1207.672 | 1276.032 | 2.764 | -93.258 | -92.067 | 0.0 |
| 120 | 17315 | 17316 | SN | 1 | 57.5 | 58.31 | 0.0 | 0.0 | 285.324 | 3.174 | 1207.672 | 1276.032 | 2.892 | -93.258 | -92.067 | 0.0 |
| 121 | 17315 | 17316 | SN | 2 | 57.494 | 58.31 | 0.0 | 0.0 | 298.99 | 3.804 | 1208.176 | 1276.032 | 2.787 | -93.258 | -92.067 | 0.0 |
| 122 | 17315 | 17316 | NS | 2 | 57.466 | 58.24 | 0.0 | 0.0 | 293.018 | 3.849 | 1211.624 | 1275.48 | 0.0 | -93.286 | -92.055 | 0.0 |
| 123 | 17315 | 17316 | NS | 1 | 57.462 | 58.241 | 0.0 | 0.0 | 299.994 | 3.851 | 1212.392 | 1275.416 | 0.0 | -93.312 | -92.056 | 0.0 |
| 124 | 17315 | 17316 | SN | 1 | 57.494 | 58.31 | 0.0 | 0.0 | 298.99 | 3.804 | 1208.176 | 1276.032 | 2.787 | -93.258 | -92.067 | 0.0 |
| 125 | 17316 | 17317 | NS | 2 | 57.469 | 58.208 | 0.0 | 0.0 | 287.42 | 3.814 | 1212.2 | 1275.512 | 0.0 | -93.262 | -92.062 | 0.0 |
| 126 | 17316 | 17317 | SN | 1 | 57.483 | 58.308 | 0.0 | 0.0 | 293.619 | 3.95 | 1208.424 | 1276.072 | 2.015 | -93.278 | -92.068 | 0.0 |
| 127 | 17316 | 17317 | NS | 1 | 57.467 | 58.234 | 0.0 | 0.0 | 289.4 | 3.814 | 1212.28 | 1275.432 | 0.0 | -93.396 | -92.062 | 0.0 |
| 128 | 17316 | 17317 | SN | 2 | 57.483 | 58.308 | 0.0 | 0.0 | 293.619 | 2.984 | 1208.424 | 1276.072 | 2.155 | -93.278 | -92.068 | 0.0 |
| 129 | 17316 | 17317 | NS | 3 | 57.467 | 58.234 | 0.0 | 0.0 | 289.4 | 3.814 | 1212.28 | 1275.432 | 0.0 | -93.396 | -92.062 | 0.0 |
| 130 | 17316 | 17317 | NS | 4 | 57.469 | 58.208 | 0.0 | 0.0 | 287.42 | 3.814 | 1212.2 | 1275.512 | 0.0 | -93.262 | -92.062 | 0.0 |
| 131 | 17316 | 17317 | SN | 1 | 57.483 | 58.308 | 0.0 | 0.0 | 293.619 | 2.984 | 1208.424 | 1276.072 | 2.155 | -93.278 | -92.068 | 0.0 |
| 132 | 17316 | 17317 | SN | 2 | 57.483 | 58.308 | 0.0 | 0.0 | 293.619 | 3.95 | 1208.424 | 1276.072 | 2.015 | -93.278 | -92.068 | 0.0 |
| 133 | 17317 | 17318 | SN | 2 | 57.515 | 58.296 | 0.0 | 0.0 | 290.944 | 2.546 | 1208.968 | 1276.264 | 2.03 | -93.297 | -92.016 | 0.0 |
| 134 | 17317 | 17318 | NS | 1 | 57.465 | 58.232 | 0.0 | 0.0 | 288.214 | 3.765 | 1211.464 | 1275.576 | 0.0 | -93.238 | -92.061 | 0.0 |
| 135 | 17317 | 17318 | SN | 1 | 57.515 | 58.296 | 0.0 | 0.0 | 290.944 | 3.864 | 1208.968 | 1276.264 | 1.863 | -93.382 | -92.016 | 0.0 |
| 136 | 17317 | 17318 | NS | 2 | 57.465 | 58.232 | 0.0 | 0.0 | 288.214 | 3.765 | 1211.464 | 1275.576 | 0.0 | -93.238 | -92.061 | 0.0 |
| 137 | 17317 | 17318 | SN | 2 | 57.515 | 58.296 | 0.0 | 0.0 | 290.944 | 3.864 | 1208.968 | 1276.264 | 1.863 | -93.382 | -92.016 | 0.0 |
| 138 | 17317 | 17318 | NS | 1 | 57.462 | 58.232 | 0.0 | 0.0 | 288.186 | 3.768 | 1211.4 | 1275.664 | 0.0 | -93.26 | -92.061 | 0.0 |
| 139 | 17317 | 17318 | NS | 2 | 57.462 | 58.232 | 0.0 | 0.0 | 288.186 | 3.768 | 1211.4 | 1275.664 | 0.0 | -93.26 | -92.061 | 0.0 |
| 140 | 17317 | 17318 | SN | 1 | 57.515 | 58.296 | 0.0 | 0.0 | 290.944 | 2.546 | 1208.968 | 1276.264 | 2.03 | -93.297 | -92.016 | 0.0 |
| 141 | 17318 | 17319 | NS | 2 | 57.466 | 58.207 | 0.0 | 0.0 | 296.095 | 4.075 | 1211.464 | 1275.664 | 0.0 | -93.274 | -92.045 | 0.0 |
| 142 | 17318 | 17319 | NS | 2 | 57.466 | 58.207 | 0.0 | 0.0 | 296.095 | 4.079 | 1211.464 | 1275.664 | 0.0 | -93.308 | -92.045 | 0.0 |
| 143 | 17318 | 17319 | SN | 3 | 57.511 | 58.281 | 0.0 | 0.0 | 298.444 | 3.769 | 1208.952 | 1276.344 | 1.658 | -93.271 | -92.003 | 0.0 |
| 144 | 17318 | 17319 | SN | 4 | 57.511 | 58.281 | 0.0 | 0.0 | 298.444 | 3.769 | 1208.952 | 1276.344 | 1.658 | -93.271 | -92.003 | 0.0 |
| 145 | 17318 | 17319 | NS | 1 | 57.466 | 58.207 | 0.0 | 0.0 | 296.095 | 4.079 | 1211.464 | 1275.664 | 0.0 | -93.308 | -92.045 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-------|---------|---------|-----|
| 146 | 17318 | 17319 | SN | 2 | 57.511 | 58.281 | 0.0 | 0.0 | 298.444 | 3.769 | 1208.952 | 1276.344 | 1.658 | -93.271 | -92.003 | 0.0 |
| 147 | 17318 | 17319 | NS | 1 | 57.466 | 58.207 | 0.0 | 0.0 | 296.095 | 4.075 | 1211.464 | 1275.664 | 0.0 | -93.274 | -92.045 | 0.0 |
| 148 | 17318 | 17319 | SN | 1 | 57.511 | 58.281 | 0.0 | 0.0 | 298.444 | 3.769 | 1208.952 | 1276.344 | 1.658 | -93.271 | -92.003 | 0.0 |
| 149 | 17319 | 17320 | NS | 1 | 57.478 | 58.236 | 0.0 | 0.0 | 296.856 | 3.824 | 1211.8 | 1275.592 | 0.0 | -93.254 | -92.024 | 0.0 |
| 150 | 17319 | 17320 | NS | 2 | 57.498 | 58.225 | 0.0 | 0.0 | 296.856 | 3.836 | 1211.88 | 1276.008 | 0.0 | -93.549 | -92.024 | 0.0 |
| 151 | 17319 | 17320 | SN | 1 | 57.506 | 58.308 | 0.0 | 0.0 | 297.11 | 3.821 | 1208.376 | 1276.52 | 2.048 | -93.273 | -92.04 | 0.0 |
| 152 | 17319 | 17320 | SN | 2 | 57.506 | 58.308 | 0.0 | 0.0 | 297.11 | 3.821 | 1208.376 | 1276.52 | 2.048 | -93.273 | -92.04 | 0.0 |
| 153 | 17319 | 17320 | NS | 1 | 57.498 | 58.225 | 0.0 | 0.0 | 296.856 | 3.836 | 1211.88 | 1276.008 | 0.0 | -93.549 | -92.024 | 0.0 |
| 154 | 17319 | 17320 | NS | 2 | 57.478 | 58.236 | 0.0 | 0.0 | 296.856 | 3.824 | 1211.8 | 1275.592 | 0.0 | -93.254 | -92.024 | 0.0 |
| 155 | 17320 | 17321 | SN | 1 | 57.476 | 58.484 | 0.0 | 0.0 | 299.779 | 3.916 | 1208.744 | 1284.256 | 2.522 | -95.452 | -92.056 | 0.0 |
| 156 | 17320 | 17321 | NS | 2 | 57.471 | 58.234 | 0.0 | 0.0 | 297.429 | 3.569 | 1211.584 | 1275.256 | 0.0 | -93.31 | -92.049 | 0.0 |
| 157 | 17320 | 17321 | NS | 1 | 57.471 | 58.234 | 0.0 | 0.0 | 297.429 | 3.569 | 1211.584 | 1275.256 | 0.0 | -93.31 | -92.049 | 0.0 |
| 158 | 17320 | 17321 | NS | 2 | 57.471 | 58.234 | 0.0 | 0.0 | 297.424 | 3.825 | 1211.584 | 1275.512 | 0.0 | -93.328 | -92.049 | 0.0 |
| 159 | 17320 | 17321 | NS | 1 | 57.471 | 58.234 | 0.0 | 0.0 | 297.424 | 3.825 | 1211.584 | 1275.512 | 0.0 | -93.328 | -92.049 | 0.0 |
| 160 | 17320 | 17321 | SN | 2 | 57.476 | 58.484 | 0.0 | 0.0 | 299.779 | 3.916 | 1208.744 | 1284.256 | 2.522 | -95.452 | -92.056 | 0.0 |
| 161 | 17321 | 17322 | SN | 2 | 57.513 | 58.297 | 0.0 | 0.0 | 292.179 | 3.813 | 1208.664 | 1276.16 | 2.583 | -93.238 | -92.042 | 0.0 |
| 162 | 17321 | 17322 | NS | 1 | 57.486 | 58.236 | 0.0 | 0.003 | 291.534 | 3.046 | 1211.264 | 1274.44 | 0.0 | -93.279 | -92.051 | 0.0 |
| 163 | 17321 | 17322 | NS | 2 | 57.486 | 58.237 | 0.0 | 0.0 | 291.534 | 3.704 | 1211.264 | 1275.576 | 0.0 | -93.303 | -92.051 | 0.0 |
| 164 | 17321 | 17322 | NS | 1 | 57.486 | 58.237 | 0.0 | 0.0 | 291.534 | 3.704 | 1211.264 | 1275.576 | 0.0 | -93.303 | -92.051 | 0.0 |
| 165 | 17321 | 17322 | NS | 2 | 57.486 | 58.236 | 0.0 | 0.003 | 291.534 | 3.046 | 1211.264 | 1274.44 | 0.0 | -93.279 | -92.051 | 0.0 |
| 166 | 17321 | 17322 | SN | 1 | 57.513 | 58.297 | 0.0 | 0.0 | 292.179 | 3.813 | 1208.664 | 1276.16 | 2.583 | -93.238 | -92.042 | 0.0 |
| 167 | 17322 | 17323 | NS | 1 | 57.484 | 58.234 | 0.0 | 0.0 | 298.29 | 3.825 | 1211.976 | 1275.656 | 0.0 | -93.228 | -92.06 | 0.0 |
| 168 | 17322 | 17323 | NS | 2 | 57.484 | 58.234 | 0.0 | 0.0 | 298.29 | 3.825 | 1211.976 | 1275.656 | 0.0 | -93.228 | -92.06 | 0.0 |
| 169 | 17322 | 17323 | SN | 1 | 57.476 | 58.312 | 0.0 | 0.0 | 289.444 | 3.822 | 1208.632 | 1276.232 | 2.559 | -93.278 | -92.067 | 0.0 |
| 170 | 17322 | 17323 | NS | 1 | 57.484 | 58.234 | 0.0 | 0.0 | 298.29 | 2.692 | 1211.976 | 1274.208 | 0.0 | -93.278 | -92.06 | 0.0 |
| 171 | 17322 | 17323 | SN | 2 | 57.476 | 58.312 | 0.0 | 0.0 | 289.444 | 3.822 | 1208.632 | 1276.232 | 2.559 | -93.278 | -92.067 | 0.0 |
| 172 | 17322 | 17323 | NS | 2 | 57.484 | 58.234 | 0.0 | 0.0 | 298.29 | 2.692 | 1211.976 | 1274.208 | 0.0 | -93.278 | -92.06 | 0.0 |
| 173 | 17323 | 17324 | NS | 2 | 57.458 | 58.236 | 0.0 | 0.003 | 298.996 | 2.024 | 1211.056 | 1272.48 | 0.0 | -93.231 | -92.058 | 0.0 |
| 174 | 17323 | 17324 | NS | 1 | 57.458 | 58.236 | 0.0 | 0.003 | 298.996 | 2.024 | 1211.056 | 1272.48 | 0.0 | -93.231 | -92.058 | 0.0 |

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

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

| | | | | | 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 | 17295 | 17296 | SN | 1 | -34.898 | 15.88 | 0.0 | -34.959 | 17.322 | 0.0 | 0.116 | 21.893 | 0.0 | -1.723 | 22.034 | 0.002 | 0.087 | 228.85 | 3.33 | 0.087 | 232.071 | 2.328 | 0.086 | 0.147 | 0.0 | 0.086 | 0.183 | 0.0 |
| 2 | 17295 | 17296 | SN | 1 | -34.898 | 14.606 | 0.0 | -34.959 | 17.328 | 0.0 | 0.116 | 21.893 | 0.0 | -1.723 | 22.031 | 0.002 | 0.088 | 228.85 | 3.448 | 0.087 | 232.071 | 2.524 | 0.086 | 0.147 | 0.0 | 0.086 | 0.183 | 0.0 |
| 3 | 17296 | 17297 | SN | 1 | -34.614 | 16.774 | 0.0 | -34.778 | 17.316 | 0.0 | -3.522 | 21.876 | 0.0 | -0.696 | 20.835 | 0.0 | 0.087 | 214.375 | 6.218 | 0.087 | 222.597 | 4.212 | 0.086 | 0.237 | 0.0 | 0.086 | 0.161 | 0.0 |
| 4 | 17296 | 17297 | NS | 1 | -34.298 | 17.788 | 0.0 | -32.986 | 18.335 | 0.0 | -5.28 | 22.172 | 0.002 | -5.314 | 22.806 | 0.014 | 0.086 | 199.35 | 3.255 | 0.086 | 147.375 | 2.664 | 0.086 | 0.319 | 0.0 | 0.086 | 0.321 | 0.0 |
| 5 | 17296 | 17297 | NS | 1 | -34.165 | 17.789 | 0.0 | -34.317 | 18.335 | 0.0 | -5.284 | 22.172 | 0.002 | -5.317 | 22.806 | 0.014 | 0.086 | 193.342 | 3.251 | 0.086 | 200.164 | 2.659 | 0.086 | 0.319 | 0.0 | 0.086 | 0.321 | 0.0 |
| 6 | 17296 | 17297 | SN | 2 | -34.614 | 16.774 | 0.0 | -34.778 | 17.316 | 0.0 | -3.522 | 21.876 | 0.0 | -0.696 | 20.835 | 0.0 | 0.087 | 214.375 | 6.218 | 0.087 | 222.597 | 4.212 | 0.086 | 0.237 | 0.0 | 0.086 | 0.161 | 0.0 |
| 7 | 17296 | 17297 | SN | 1 | -34.614 | 16.778 | 0.0 | -34.778 | 17.316 | 0.0 | -3.522 | 21.876 | 0.0 | -0.696 | 20.835 | 0.0 | 0.087 | 214.375 | 6.383 | 0.087 | 222.597 | 4.319 | 0.086 | 0.237 | 0.0 | 0.086 | 0.161 | 0.0 |
| 8 | 17297 | 17298 | NS | 1 | -34.906 | 17.106 | 0.0 | -34.936 | 17.175 | 0.0 | -14.798 | 21.454 | 0.0 | -22.786 | 22.597 | 0.005 | 0.087 | 229.259 | 3.18 | 0.087 | 230.832 | 2.742 | 0.086 | 2.3 | 0.005 | 0.086 | 14.131 | 0.069 |
| 9 | 17297 | 17298 | SN | 1 | -34.909 | 16.558 | 0.0 | -34.973 | 17.378 | 0.0 | 1.024 | 21.717 | 0.0 | 0.689 | 21.745 | 0.0 | 0.087 | 229.417 | 5.12 | 0.087 | 232.842 | 4.758 | 0.086 | 0.135 | 0.0 | 0.086 | 0.139 | 0.0 |
| 10 | 17297 | 17298 | NS | 1 | -34.158 | 17.106 | 0.0 | -34.645 | 17.175 | 0.0 | -14.803 | 21.454 | 0.0 | -22.716 | 22.597 | 0.005 | 0.087 | 192.985 | 3.186 | 0.087 | 215.906 | 2.74 | 0.086 | 2.302 | 0.005 | 0.086 | 13.907 | 0.068 |
| 11 | 17297 | 17298 | SN | 1 | -34.909 | 16.844 | 0.0 | -34.973 | 17.378 | 0.0 | 1.024 | 21.717 | 0.0 | 0.689 | 21.745 | 0.0 | 0.087 | 229.417 | 5.036 | 0.087 | 232.842 | 4.698 | 0.086 | 0.135 | 0.0 | 0.086 | 0.139 | 0.0 |
| 12 | 17297 | 17298 | SN | 1 | -34.909 | 16.561 | 0.0 | -34.973 | 17.379 | 0.0 | 1.024 | 21.717 | 0.0 | 0.689 | 21.745 | 0.0 | 0.087 | 229.417 | 5.121 | 0.087 | 232.842 | 4.765 | 0.086 | 0.135 | 0.0 | 0.086 | 0.139 | 0.0 |
| 13 | 17298 | 17299 | SN | 1 | -34.049 | 16.276 | 0.0 | -33.989 | 16.436 | 0.0 | 0.297 | 21.719 | 0.0 | 0.953 | 20.747 | 0.0 | 0.087 | 188.203 | 0.895 | 0.087 | 185.59 | 0.883 | 0.086 | 0.145 | 0.0 | 0.086 | 0.136 | 0.0 |
| 14 | 17298 | 17299 | SN | 1 | -34.39 | 16.279 | 0.0 | -34.391 | 16.436 | 0.0 | 0.297 | 21.719 | 0.0 | 0.953 | 20.747 | 0.0 | 0.087 | 203.587 | 0.895 | 0.087 | 203.662 | 0.876 | 0.086 | 0.145 | 0.0 | 0.086 | 0.136 | 0.0 |
| 15 | 17298 | 17299 | SN | 1 | -34.39 | 16.222 | 0.0 | -34.391 | 16.437 | 0.0 | 0.297 | 21.719 | 0.0 | 0.953 | 20.747 | 0.0 | 0.087 | 203.587 | 0.912 | 0.087 | 203.662 | 0.887 | 0.086 | 0.145 | 0.0 | 0.086 | 0.136 | 0.0 |
| 16 | 17298 | 17299 | NS | 1 | -34.979 | 16.422 | 0.0 | -34.849 | 15.9 | 0.0 | -34.979 | 21.202 | 0.0 | -30.352 | 22.322 | 0.003 | 0.087 | 233.095 | 6.716 | 0.087 | 226.257 | 7.065 | 0.086 | 233.169 | 0.223 | 0.086 | 80.388 | 0.143 |
| 17 | 17299 | 17300 | NS | 1 | -34.998 | 17.101 | 0.0 | -34.734 | 15.644 | 0.0 | -23.878 | 21.917 | 0.0 | -30.265 | 22.023 | 0.001 | 0.087 | 234.092 | 2.703 | 0.087 | 220.392 | 3.329 | 0.086 | 18.151 | 0.016 | 0.086 | 78.785 | 0.015 |
| 18 | 17299 | 17300 | SN | 1 | -34.787 | 16.046 | 0.0 | -34.052 | 16.781 | 0.0 | -0.499 | 21.254 | 0.0 | 1.634 | 21.651 | 0.0 | 0.087 | 223.031 | 2.131 | 0.087 | 188.338 | 1.659 | 0.086 | 0.158 | 0.0 | 0.086 | 0.128 | 0.0 |
| 19 | 17299 | 17300 | SN | 1 | -34.787 | 16.046 | 0.0 | -34.052 | 16.781 | 0.0 | -0.499 | 21.254 | 0.0 | 1.634 | 21.651 | 0.0 | 0.087 | 223.031 | 2.082 | 0.087 | 188.338 | 1.626 | 0.086 | 0.158 | 0.0 | 0.086 | 0.128 | 0.0 |
| 20 | 17299 | 17300 | SN | 1 | -34.297 | 16.046 | 0.0 | -34.959 | 16.781 | 0.0 | -0.499 | 21.254 | 0.0 | 1.634 | 21.651 | 0.0 | 0.087 | 199.24 | 2.083 | 0.087 | 232.057 | 1.63 | 0.086 | 0.158 | 0.0 | 0.086 | 0.128 | 0.0 |
| 21 | 17299 | 17300 | NS | 2 | -34.998 | 17.112 | 0.0 | -34.734 | 15.642 | 0.0 | -23.878 | 21.917 | 0.0 | -30.265 | 22.023 | 0.001 | 0.087 | 234.092 | 2.701 | 0.087 | 220.392 | 3.329 | 0.086 | 18.151 | 0.016 | 0.086 | 78.785 | 0.015 |
| 22 | 17300 | 17301 | SN | 2 | -34.188 | 16.395 | 0.0 | -34.996 | 16.866 | 0.0 | 0.09 | 21.4 | 0.0 | 1.671 | 21.004 | 0.0 | 0.087 | 194.336 | 4.82 | 0.087 | 234.023 | 3.988 | 0.086 | 0.148 | 0.0 | 0.086 | 0.128 | 0.0 |
| 23 | 17300 | 17301 | NS | 1 | -34.813 | 15.787 | 0.0 | -34.987 | 16.21 | 0.0 | -24.622 | 20.97 | 0.0 | -15.368 | 22.088 | 0.002 | 0.087 | 224.438 | 4.567 | 0.087 | 233.574 | 4.986 | 0.086 | 21.53 | 0.021 | 0.086 | 2.613 | 0.007 |
| 24 | 17300 | 17301 | SN | 1 | -34.188 | 16.395 | 0.0 | -34.996 | 16.866 | 0.0 | 0.09 | 21.4 | 0.0 | 1.671 | 21.004 | 0.0 | 0.087 | 194.336 | 4.962 | 0.087 | 234.023 | 4.142 | 0.086 | 0.148 | 0.0 | 0.086 | 0.128 | 0.0 |
| 25 | 17300 | 17301 | SN | 1 | -34.745 | 16.395 | 0.0 | -34.939 | 16.866 | 0.0 | 0.09 | 21.4 | 0.0 | 1.671 | 21.004 | 0.0 | 0.087 | 220.91 | 4.822 | 0.087 | 231.017 | 3.987 | 0.086 | 0.148 | 0.0 | 0.086 | 0.128 | 0.0 |
| 26 | 17300 | 17301 | NS | 1 | -34.615 | 15.787 | 0.0 | -34.987 | 16.21 | 0.0 | -24.622 | 20.97 | 0.0 | -15.368 | 22.088 | 0.002 | 0.087 | 214.397 | 4.568 | 0.087 | 233.574 | 4.994 | 0.086 | 21.53 | 0.021 | 0.086 | 2.613 | 0.007 |
| 27 | 17301 | 17302 | SN | 1 | -34.902 | 15.296 | 0.0 | -34.807 | 15.204 | 0.0 | 0.373 | 22.435 | 0.008 | 6.394 | 22.328 | 0.015 | 0.087 | 229.036 | 5.938 | 0.087 | 224.087 | 5.645 | 0.086 | 0.144 | 0.0 | 0.086 | 0.099 | 0.0 |
| 28 | 17301 | 17302 | NS | 1 | -34.937 | 15.634 | 0.0 | -34.318 | 17.916 | 0.0 | -24.517 | 21.083 | 0.0 | -24.656 | 22.02 | 0.003 | 0.087 | 230.932 | 2.715 | 0.086 | 200.256 | 2.772 | 0.086 | 21.016 | 0.121 | 0.086 | 21.697 | 0.138 |
| 29 | 17301 | 17302 | SN | 1 | -34.902 | 15.296 | 0.0 | -34.807 | 16.009 | 0.0 | 0.373 | 22.435 | 0.007 | 6.394 | 22.328 | 0.015 | 0.087 | 229.036 | 5.685 | 0.087 | 224.087 | 5.25 | 0.086 | 0.144 | 0.0 | 0.086 | 0.099 | 0.0 |
| 30 | 17301 | 17302 | NS | 1 | -34.914 | 15.634 | 0.0 | -34.625 | 17.918 | 0.0 | -24.58 | 21.084 | 0.0 | -24.168 | 22.02 | 0.003 | 0.087 | 229.664 | 2.711 | 0.086 | 214.854 | 2.769 | 0.086 | 21.323 | 0.126 | 0.086 | 19.404 | 0.138 |
| 31 | 17301 | 17302 | SN | 1 | -34.891 | 15.296 | 0.0 | -34.807 | 16.002 | 0.0 | 0.373 | 22.435 | 0.007 | 6.394 | 22.328 | 0.015 | 0.087 | 228.438 | 5.682 | 0.087 | 224.098 | 5.248 | 0.086 | 0.144 | 0.0 | 0.086 | 0.099 | 0.0 |
| 32 | 17302 | 17303 | SN | 1 | -34.768 | 13.397 | 0.0 | -34.798 | 16.878 | 0.0 | -10.809 | 22.876 | 0.021 | -7.664 | 25.244 | 0.123 | 0.088 | 222.09 | 5.046 | 0.087 | 223.617 | 4.262 | 0.086 | 0.958 | 0.0 | 0.086 | 0.499 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 17302 | 17303 | SN | 1 | -34.611 | 13.397 | 0.0 | -34.742 | 13.719 | 0.0 | -10.833 | 22.876 | 0.022 | -7.66 | 25.244 | 0.124 | 0.088 | 214.162 | 5.429 | 0.088 | 220.81 | 4.992 | 0.086 | 0.963 | 0.0 | 0.086 | 0.499 | 0.0 |
| 34 | 17302 | 17303 | SN | 1 | -34.611 | 13.397 | 0.0 | -34.742 | 16.886 | 0.0 | -10.833 | 22.876 | 0.021 | -7.66 | 25.244 | 0.123 | 0.088 | 214.162 | 5.035 | 0.087 | 220.81 | 4.268 | 0.086 | 0.963 | 0.0 | 0.086 | 0.499 | 0.0 |
| 35 | 17302 | 17303 | NS | 1 | -34.263 | 19.83 | 0.0 | -34.875 | 16.821 | 0.0 | 1.343 | 22.223 | 0.018 | 1.037 | 22.834 | 0.119 | 0.086 | 197.698 | 1.432 | 0.087 | 227.632 | 1.176 | 0.086 | 0.131 | 0.0 | 0.086 | 0.135 | 0.0 |
| 36 | 17303 | 17304 | NS | 1 | -34.662 | 17.672 | 0.0 | -34.671 | 22.887 | 0.006 | -3.982 | 23.004 | 0.116 | -3.366 | 23.802 | 0.704 | 0.087 | 216.715 | 3.638 | 0.086 | 217.177 | 3.447 | 0.086 | 0.255 | 0.0 | 0.086 | 0.232 | 0.0 |
| 37 | 17303 | 17304 | NS | 2 | -34.662 | 17.7 | 0.0 | -34.671 | 22.887 | 0.006 | -3.982 | 23.004 | 0.116 | -3.366 | 23.802 | 0.706 | 0.086 | 216.715 | 3.638 | 0.086 | 217.177 | 3.446 | 0.086 | 0.255 | 0.0 | 0.086 | 0.232 | 0.0 |
| 38 | 17303 | 17304 | SN | 1 | -34.768 | 13.625 | 0.0 | -34.037 | 17.296 | 0.0 | -30.961 | 22.274 | 0.005 | -18.954 | 22.944 | 0.113 | 0.088 | 222.119 | 3.383 | 0.087 | 187.651 | 2.957 | 0.086 | 92.462 | 0.113 | 0.086 | 5.884 | 0.024 |
| 39 | 17304 | 17305 | NS | 1 | -34.994 | 23.385 | 0.001 | -34.515 | 19.316 | 0.0 | -7.384 | 23.15 | 0.187 | -1.653 | 23.417 | 0.463 | 0.086 | 233.936 | 4.25 | 0.086 | 209.48 | 4.165 | 0.086 | 0.473 | 0.0 | 0.086 | 0.181 | 0.0 |
| 40 | 17304 | 17305 | SN | 1 | -34.874 | 16.234 | 0.0 | -34.348 | 17.229 | 0.0 | -12.711 | 22.472 | 0.007 | -6.164 | 23.31 | 0.138 | 0.087 | 227.58 | 2.583 | 0.087 | 201.63 | 2.297 | 0.086 | 1.448 | 0.002 | 0.086 | 0.374 | 0.0 |
| 41 | 17304 | 17305 | NS | 1 | -34.929 | 23.383 | 0.001 | -34.495 | 19.316 | 0.0 | -7.385 | 23.15 | 0.187 | -1.653 | 23.417 | 0.462 | 0.086 | 230.478 | 4.252 | 0.086 | 208.562 | 4.163 | 0.086 | 0.473 | 0.0 | 0.086 | 0.181 | 0.0 |
| 42 | 17305 | 17306 | SN | 3 | -34.931 | 15.972 | 0.0 | -34.841 | 17.523 | 0.0 | -33.22 | 22.265 | 0.005 | -24.687 | 23.754 | 0.12 | 0.087 | 230.602 | 6.299 | 0.087 | 225.831 | 4.885 | 0.086 | 155.497 | 0.194 | 0.086 | 21.857 | 0.082 |
| 43 | 17305 | 17306 | NS | 1 | -34.588 | 20.934 | 0.0 | -34.524 | 17.141 | 0.0 | 0.198 | 22.71 | 0.027 | -0.925 | 22.945 | 0.072 | 0.086 | 213.078 | 2.756 | 0.087 | 209.927 | 2.471 | 0.086 | 0.146 | 0.0 | 0.086 | 0.166 | 0.0 |
| 44 | 17305 | 17306 | NS | 1 | -34.306 | 20.934 | 0.0 | -34.456 | 17.141 | 0.0 | 0.197 | 22.71 | 0.027 | -0.925 | 22.945 | 0.072 | 0.086 | 199.703 | 2.759 | 0.087 | 206.675 | 2.472 | 0.086 | 0.146 | 0.0 | 0.086 | 0.166 | 0.0 |
| 45 | 17305 | 17306 | SN | 1 | -34.936 | 15.972 | 0.0 | -34.841 | 17.523 | 0.0 | -33.22 | 22.265 | 0.005 | -24.687 | 23.754 | 0.12 | 0.087 | 230.862 | 6.297 | 0.087 | 225.831 | 4.885 | 0.086 | 155.497 | 0.194 | 0.086 | 21.857 | 0.082 |
| 46 | 17305 | 17306 | SN | 2 | -34.936 | 15.972 | 0.0 | -34.841 | 17.523 | 0.0 | -33.22 | 22.265 | 0.005 | -24.687 | 23.754 | 0.12 | 0.087 | 230.862 | 6.297 | 0.087 | 225.831 | 4.885 | 0.086 | 155.497 | 0.194 | 0.086 | 21.857 | 0.082 |
| 47 | 17306 | 17307 | SN | 1 | -34.813 | 16.083 | 0.0 | -34.374 | 17.986 | 0.0 | -32.493 | 22.3 | 0.006 | -32.737 | 23.181 | 0.121 | 0.087 | 224.438 | 3.22 | 0.086 | 202.845 | 2.732 | 0.086 | 131.539 | 0.123 | 0.086 | 139.176 | 0.126 |
| 48 | 17306 | 17307 | NS | 1 | -33.777 | 18.304 | 0.0 | -34.686 | 21.663 | 0.0 | 4.562 | 22.754 | 0.037 | 5.081 | 22.82 | 0.059 | 0.086 | 176.804 | 1.846 | 0.086 | 217.932 | 1.727 | 0.086 | 0.106 | 0.0 | 0.086 | 0.104 | 0.0 |
| 49 | 17306 | 17307 | NS | 1 | -34.222 | 18.304 | 0.0 | -34.524 | 21.663 | 0.0 | 4.548 | 22.754 | 0.04 | 5.076 | 22.822 | 0.065 | 0.086 | 195.889 | 1.821 | 0.086 | 209.982 | 1.723 | 0.086 | 0.106 | 0.0 | 0.086 | 0.104 | 0.0 |
| 50 | 17306 | 17307 | SN | 1 | -34.804 | 16.083 | 0.0 | -34.374 | 17.986 | 0.0 | -32.122 | 22.3 | 0.006 | -31.97 | 23.181 | 0.121 | 0.087 | 223.928 | 3.219 | 0.086 | 202.845 | 2.732 | 0.086 | 120.782 | 0.124 | 0.086 | 116.618 | 0.126 |
| 51 | 17306 | 17307 | NS | 1 | -34.886 | 18.304 | 0.0 | -34.648 | 21.663 | 0.0 | 4.562 | 22.754 | 0.037 | 5.082 | 22.82 | 0.059 | 0.086 | 228.178 | 1.848 | 0.086 | 216.062 | 1.719 | 0.086 | 0.106 | 0.0 | 0.086 | 0.104 | 0.0 |
| 52 | 17307 | 17308 | SN | 2 | -34.963 | 15.665 | 0.0 | -34.996 | 17.632 | 0.0 | -29.645 | 22.664 | 0.024 | -19.76 | 23.411 | 0.26 | 0.087 | 232.276 | 3.526 | 0.087 | 234.044 | 3.066 | 0.086 | 68.307 | 0.078 | 0.086 | 7.07 | 0.054 |
| 53 | 17307 | 17308 | NS | 1 | -34.623 | 19.845 | 0.0 | -34.126 | 20.478 | 0.0 | 2.499 | 22.857 | 0.078 | 3.012 | 22.458 | 0.054 | 0.086 | 214.793 | 3.267 | 0.086 | 191.603 | 2.813 | 0.086 | 0.12 | 0.0 | 0.086 | 0.116 | 0.0 |
| 54 | 17307 | 17308 | NS | 1 | -34.603 | 19.845 | 0.0 | -34.126 | 20.478 | 0.0 | 2.373 | 22.857 | 0.121 | 2.957 | 22.432 | 0.069 | 0.086 | 213.794 | 3.219 | 0.086 | 191.603 | 2.818 | 0.086 | 0.121 | 0.0 | 0.086 | 0.116 | 0.0 |
| 55 | 17307 | 17308 | NS | 2 | -34.623 | 19.845 | 0.0 | -34.126 | 20.478 | 0.0 | 2.499 | 22.857 | 0.078 | 3.012 | 22.458 | 0.054 | 0.086 | 214.793 | 3.267 | 0.086 | 191.603 | 2.813 | 0.086 | 0.12 | 0.0 | 0.086 | 0.116 | 0.0 |
| 56 | 17307 | 17308 | SN | 1 | -34.963 | 15.665 | 0.0 | -34.996 | 17.632 | 0.0 | -29.645 | 22.664 | 0.024 | -19.76 | 23.411 | 0.26 | 0.087 | 232.276 | 3.526 | 0.087 | 234.044 | 3.066 | 0.086 | 68.307 | 0.078 | 0.086 | 7.07 | 0.054 |
| 57 | 17307 | 17308 | SN | 1 | -34.923 | 15.665 | 0.0 | -34.99 | 17.632 | 0.0 | -29.498 | 22.664 | 0.024 | -19.755 | 23.411 | 0.26 | 0.087 | 230.124 | 3.525 | 0.087 | 233.742 | 3.063 | 0.086 | 66.044 | 0.078 | 0.086 | 7.065 | 0.054 |
| 58 | 17308 | 17309 | NS | 1 | -34.946 | 21.29 | 0.0 | -34.767 | 17.345 | 0.0 | 6.205 | 22.928 | 0.074 | 2.828 | 22.242 | 0.007 | 0.086 | 231.375 | 3.812 | 0.087 | 222.015 | 3.765 | 0.086 | 0.1 | 0.0 | 0.086 | 0.117 | 0.0 |
| 59 | 17308 | 17309 | SN | 2 | -34.379 | 16.665 | 0.0 | -34.748 | 17.877 | 0.0 | 2.152 | 23.266 | 0.197 | 1.076 | 23.502 | 1.308 | 0.087 | 203.035 | 2.056 | 0.086 | 221.049 | 2.228 | 0.086 | 0.123 | 0.0 | 0.086 | 0.134 | 0.0 |
| 60 | 17308 | 17309 | NS | 1 | -34.946 | 21.29 | 0.0 | -34.767 | 17.345 | 0.0 | 1.739 | 22.928 | 0.036 | 2.717 | 22.789 | 0.084 | 0.086 | 231.375 | 3.876 | 0.087 | 222.015 | 3.771 | 0.086 | 0.127 | 0.0 | 0.086 | 0.118 | 0.0 |
| 61 | 17308 | 17309 | NS | 1 | -34.946 | 21.29 | 0.0 | -34.767 | 17.345 | 0.0 | 1.742 | 22.928 | 0.036 | 2.717 | 22.789 | 0.084 | 0.086 | 231.375 | 3.874 | 0.087 | 222.015 | 3.761 | 0.086 | 0.127 | 0.0 | 0.086 | 0.118 | 0.0 |
| 62 | 17308 | 17309 | SN | 1 | -34.379 | 16.665 | 0.0 | -34.748 | 17.877 | 0.0 | 2.152 | 23.266 | 0.197 | 1.076 | 23.502 | 1.308 | 0.087 | 203.035 | 2.056 | 0.086 | 221.049 | 2.228 | 0.086 | 0.123 | 0.0 | 0.086 | 0.134 | 0.0 |
| 63 | 17309 | 17310 | NS | 1 | -33.751 | 17.107 | 0.0 | -34.835 | 19.087 | 0.0 | 1.331 | 22.758 | 0.028 | -0.51 | 22.74 | 0.069 | 0.087 | 175.734 | 3.763 | 0.086 | 225.54 | 3.421 | 0.086 | 0.131 | 0.0 | 0.086 | 0.158 | 0.0 |
| 64 | 17309 | 17310 | NS | 1 | -34.721 | 17.109 | 0.0 | -34.614 | 19.089 | 0.0 | 1.331 | 22.758 | 0.028 | -0.513 | 22.74 | 0.069 | 0.087 | 219.68 | 3.765 | 0.086 | 214.379 | 3.421 | 0.086 | 0.131 | 0.0 | 0.086 | 0.158 | 0.0 |
| 65 | 17309 | 17310 | SN | 1 | -34.422 | 15.415 | 0.0 | -34.841 | 17.576 | 0.0 | 1.153 | 21.524 | 0.0 | 3.654 | 23.261 | 0.087 | 0.087 | 205.078 | 3.32 | 0.087 | 225.884 | 2.986 | 0.086 | 0.133 | 0.0 | 0.086 | 0.111 | 0.0 |
| 66 | 17309 | 17310 | SN | 1 | -34.422 | 17.033 | 0.0 | -34.841 | 17.587 | 0.0 | 1.153 | 22.768 | 0.045 | 3.654 | 23.264 | 0.109 | 0.087 | 205.078 | 3.234 | 0.087 | 225.884 | 2.704 | 0.086 | 0.133 | 0.0 | 0.086 | 0.111 | 0.0 |
| 67 | 17309 | 17310 | NS | 1 | -34.704 | 16.894 | 0.0 | -34.835 | 19.087 | 0.0 | 1.402 | 21.408 | 0.0 | -0.934 | 18.798 | 0.0 | 0.087 | 218.803 | 3.383 | 0.086 | 225.54 | 3.425 | 0.086 | 0.13 | 0.0 | 0.086 | 0.166 | 0.0 |
| 68 | 17309 | 17310 | SN | 2 | -34.422 | 17.033 | 0.0 | -34.841 | 17.585 | 0.0 | 1.153 | 22.768 | 0.045 | 3.654 | 23.264 | 0.109 | 0.087 | 205.078 | 3.234 | 0.087 | 225.884 | 2.704 | 0.086 | 0.133 | 0.0 | 0.086 | 0.111 | 0.0 |
| 69 | 17310 | 17311 | SN | 1 | -34.943 | 17.576 | 0.0 | -34.85 | 17.24 | 0.0 | -10.598 | 22.028 | 0.001 | -9.443 | 21.6 | 0.0 | 0.087 | 231.203 | 3.231 | 0.087 | 226.373 | 2.763 | 0.086 | 0.916 | 0.0 | 0.086 | 0.718 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 17310 | 17311 | SN | 1 | -34.943 | 17.571 | 0.0 | -34.85 | 17.24 | 0.0 | -10.589 | 22.028 | 0.001 | -9.444 | 21.601 | 0.0 | 0.087 | 231.203 | 3.231 | 0.087 | 226.373 | 2.763 | 0.086 | 0.914 | 0.0 | 0.086 | 0.718 | 0.0 |
| 71 | 17310 | 17311 | NS | 1 | -34.224 | 17.313 | 0.0 | -33.761 | 17.622 | 0.0 | 1.283 | 24.248 | 0.007 | 1.442 | 31.474 | 0.027 | 0.087 | 195.933 | 1.971 | 0.087 | 176.13 | 1.692 | 0.086 | 0.132 | 0.0 | 0.086 | 0.13 | 0.0 |
| 72 | 17310 | 17311 | NS | 2 | -34.224 | 17.313 | 0.0 | -33.761 | 17.622 | 0.0 | 1.283 | 24.248 | 0.007 | 1.442 | 31.474 | 0.027 | 0.087 | 195.933 | 1.971 | 0.087 | 176.13 | 1.692 | 0.086 | 0.132 | 0.0 | 0.086 | 0.13 | 0.0 |
| 73 | 17310 | 17311 | SN | 2 | -34.943 | 17.571 | 0.0 | -34.85 | 17.24 | 0.0 | -10.589 | 22.028 | 0.001 | -9.444 | 21.601 | 0.0 | 0.087 | 231.203 | 3.231 | 0.087 | 226.373 | 2.763 | 0.086 | 0.914 | 0.0 | 0.086 | 0.718 | 0.0 |
| 74 | 17310 | 17311 | SN | 2 | -34.943 | 15.639 | 0.0 | -34.85 | 17.24 | 0.0 | -10.589 | 22.028 | 0.001 | -9.444 | 21.604 | 0.0 | 0.087 | 231.203 | 3.366 | 0.087 | 226.373 | 2.899 | 0.086 | 0.914 | 0.0 | 0.086 | 0.718 | 0.0 |
| 75 | 17310 | 17311 | SN | 2 | -34.943 | 17.576 | 0.0 | -34.85 | 17.24 | 0.0 | -10.598 | 22.028 | 0.001 | -9.443 | 21.6 | 0.0 | 0.087 | 231.203 | 3.231 | 0.087 | 226.373 | 2.763 | 0.086 | 0.916 | 0.0 | 0.086 | 0.718 | 0.0 |
| 76 | 17310 | 17311 | SN | 1 | -34.943 | 15.639 | 0.0 | -34.85 | 17.24 | 0.0 | -10.589 | 22.028 | 0.001 | -9.444 | 21.604 | 0.0 | 0.087 | 231.203 | 3.366 | 0.087 | 226.373 | 2.899 | 0.086 | 0.914 | 0.0 | 0.086 | 0.718 | 0.0 |
| 77 | 17311 | 17312 | SN | 2 | -34.847 | 16.559 | 0.0 | -34.976 | 17.189 | 0.0 | 1.065 | 21.363 | 0.0 | 0.067 | 20.696 | 0.0 | 0.087 | 226.184 | 8.841 | 0.087 | 232.932 | 8.7 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 78 | 17311 | 17312 | SN | 1 | -34.847 | 16.559 | 0.0 | -34.976 | 17.189 | 0.0 | 1.065 | 21.363 | 0.0 | 0.067 | 20.696 | 0.0 | 0.087 | 226.184 | 8.841 | 0.087 | 232.932 | 8.7 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 79 | 17311 | 17312 | SN | 1 | -34.998 | 16.559 | 0.0 | -34.888 | 17.191 | 0.0 | 1.069 | 21.363 | 0.0 | 0.061 | 20.696 | 0.0 | 0.087 | 234.096 | 8.835 | 0.087 | 228.265 | 8.691 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 80 | 17311 | 17312 | NS | 1 | -34.431 | 17.153 | 0.0 | -34.162 | 17.392 | 0.0 | -24.113 | 21.398 | 0.0 | -8.104 | 22.362 | 0.006 | 0.087 | 205.529 | 3.442 | 0.087 | 193.162 | 3.598 | 0.086 | 19.154 | 0.005 | 0.086 | 0.545 | 0.0 |
| 81 | 17311 | 17312 | NS | 2 | -34.405 | 17.153 | 0.0 | -34.922 | 17.392 | 0.0 | -24.086 | 21.398 | 0.0 | -8.104 | 22.362 | 0.006 | 0.087 | 204.289 | 3.444 | 0.087 | 230.097 | 3.604 | 0.086 | 19.039 | 0.005 | 0.086 | 0.545 | 0.0 |
| 82 | 17311 | 17312 | SN | 1 | -34.998 | 16.559 | 0.0 | -34.888 | 17.191 | 0.0 | 1.069 | 21.363 | 0.0 | 0.061 | 20.696 | 0.0 | 0.087 | 234.096 | 8.669 | 0.087 | 228.265 | 8.566 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 83 | 17311 | 17312 | SN | 2 | -34.998 | 16.559 | 0.0 | -34.888 | 17.191 | 0.0 | 1.069 | 21.363 | 0.0 | 0.061 | 20.696 | 0.0 | 0.087 | 234.096 | 8.835 | 0.087 | 228.265 | 8.691 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 84 | 17311 | 17312 | NS | 3 | -34.431 | 17.153 | 0.0 | -34.162 | 17.392 | 0.0 | -24.113 | 21.398 | 0.0 | -8.104 | 22.362 | 0.006 | 0.087 | 205.529 | 3.442 | 0.087 | 193.162 | 3.598 | 0.086 | 19.154 | 0.005 | 0.086 | 0.545 | 0.0 |
| 85 | 17311 | 17312 | NS | 4 | -34.405 | 17.153 | 0.0 | -34.922 | 17.392 | 0.0 | -24.086 | 21.398 | 0.0 | -8.104 | 22.362 | 0.006 | 0.087 | 204.289 | 3.444 | 0.087 | 230.097 | 3.604 | 0.086 | 19.039 | 0.005 | 0.086 | 0.545 | 0.0 |
| 86 | 17311 | 17312 | SN | 2 | -34.998 | 16.559 | 0.0 | -34.888 | 17.191 | 0.0 | 1.069 | 21.363 | 0.0 | 0.061 | 20.696 | 0.0 | 0.087 | 234.096 | 8.669 | 0.087 | 228.265 | 8.566 | 0.086 | 0.134 | 0.0 | 0.086 | 0.148 | 0.0 |
| 87 | 17312 | 17313 | SN | 1 | -33.659 | 16.856 | 0.0 | -34.719 | 17.242 | 0.0 | 0.61 | 21.75 | 0.0 | 1.167 | 20.552 | 0.0 | 0.087 | 172.058 | 1.916 | 0.087 | 219.587 | 1.846 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 88 | 17312 | 17313 | SN | 1 | -34.235 | 16.856 | 0.0 | -34.956 | 17.242 | 0.0 | 0.605 | 21.75 | 0.0 | 1.168 | 20.552 | 0.0 | 0.087 | 196.401 | 1.918 | 0.087 | 231.91 | 1.845 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 89 | 17312 | 17313 | SN | 1 | -33.659 | 16.634 | 0.0 | -34.719 | 17.242 | 0.0 | 0.61 | 21.75 | 0.0 | 1.167 | 20.552 | 0.0 | 0.087 | 172.058 | 1.949 | 0.087 | 219.587 | 1.866 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 90 | 17312 | 17313 | NS | 2 | -34.636 | 16.716 | 0.0 | -34.854 | 17.713 | 0.0 | -5.714 | 20.506 | 0.0 | -26.902 | 22.274 | 0.002 | 0.087 | 215.423 | 6.196 | 0.086 | 226.529 | 5.81 | 0.086 | 0.345 | 0.0 | 0.086 | 36.358 | 0.052 |
| 91 | 17312 | 17313 | NS | 1 | -34.636 | 16.716 | 0.0 | -34.854 | 17.713 | 0.0 | -5.714 | 20.506 | 0.0 | -26.902 | 22.274 | 0.002 | 0.087 | 215.423 | 6.196 | 0.086 | 226.529 | 5.81 | 0.086 | 0.345 | 0.0 | 0.086 | 36.358 | 0.052 |
| 92 | 17312 | 17313 | SN | 2 | -33.659 | 16.634 | 0.0 | -34.719 | 17.242 | 0.0 | 0.61 | 21.75 | 0.0 | 1.167 | 20.552 | 0.0 | 0.087 | 172.058 | 1.949 | 0.087 | 219.587 | 1.866 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 93 | 17312 | 17313 | SN | 2 | -33.659 | 16.856 | 0.0 | -34.719 | 17.242 | 0.0 | 0.61 | 21.75 | 0.0 | 1.167 | 20.552 | 0.0 | 0.087 | 172.058 | 1.916 | 0.087 | 219.587 | 1.846 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 94 | 17312 | 17313 | SN | 2 | -34.235 | 16.856 | 0.0 | -34.956 | 17.242 | 0.0 | 0.605 | 21.75 | 0.0 | 1.168 | 20.552 | 0.0 | 0.087 | 196.401 | 1.918 | 0.087 | 231.91 | 1.845 | 0.086 | 0.14 | 0.0 | 0.086 | 0.133 | 0.0 |
| 95 | 17313 | 17314 | SN | 2 | -34.606 | 15.354 | 0.0 | -34.218 | 15.628 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.606 | 0.087 | 195.683 | 1.438 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 96 | 17313 | 17314 | SN | 1 | -34.606 | 15.354 | 0.0 | -34.218 | 15.6 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.572 | 0.087 | 195.683 | 1.415 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 97 | 17313 | 17314 | SN | 4 | -34.606 | 15.354 | 0.0 | -34.218 | 15.6 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.572 | 0.087 | 195.683 | 1.415 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 98 | 17313 | 17314 | SN | 3 | -34.606 | 15.354 | 0.0 | -34.218 | 15.6 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.572 | 0.087 | 195.683 | 1.415 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 99 | 17313 | 17314 | NS | 1 | -34.546 | 15.998 | 0.0 | -34.916 | 16.36 | 0.0 | -29.578 | 21.836 | 0.0 | -24.399 | 22.093 | 0.001 | 0.087 | 211.015 | 4.303 | 0.087 | 229.748 | 4.949 | 0.086 | 67.279 | 0.05 | 0.086 | 20.458 | 0.126 |
| 100 | 17313 | 17314 | NS | 1 | -34.979 | 15.967 | 0.0 | -34.173 | 16.358 | 0.0 | -29.578 | 21.838 | 0.0 | -24.399 | 22.093 | 0.001 | 0.087 | 233.143 | 4.3 | 0.087 | 193.662 | 4.95 | 0.086 | 67.279 | 0.05 | 0.086 | 20.458 | 0.126 |
| 101 | 17313 | 17314 | NS | 2 | -34.546 | 15.998 | 0.0 | -34.916 | 16.36 | 0.0 | -29.578 | 21.836 | 0.0 | -24.399 | 22.093 | 0.001 | 0.087 | 211.015 | 4.303 | 0.087 | 229.748 | 4.949 | 0.086 | 67.279 | 0.05 | 0.086 | 20.458 | 0.126 |
| 102 | 17313 | 17314 | NS | 2 | -34.979 | 15.967 | 0.0 | -34.173 | 16.358 | 0.0 | -29.578 | 21.838 | 0.0 | -24.399 | 22.093 | 0.001 | 0.087 | 233.143 | 4.3 | 0.087 | 193.662 | 4.95 | 0.086 | 67.279 | 0.05 | 0.086 | 20.458 | 0.126 |
| 103 | 17313 | 17314 | SN | 1 | -34.606 | 15.354 | 0.0 | -34.218 | 15.628 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.606 | 0.087 | 195.683 | 1.438 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 104 | 17313 | 17314 | SN | 2 | -34.606 | 15.354 | 0.0 | -34.218 | 15.6 | 0.0 | -0.566 | 21.301 | 0.0 | 1.147 | 21.341 | 0.0 | 0.087 | 213.961 | 1.572 | 0.087 | 195.683 | 1.415 | 0.086 | 0.159 | 0.0 | 0.086 | 0.133 | 0.0 |
| 105 | 17314 | 17315 | SN | 1 | -34.447 | 15.644 | 0.0 | -34.718 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 206.237 | 4.003 | 0.087 | 219.529 | 3.235 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |
| 106 | 17314 | 17315 | SN | 2 | -34.594 | 15.644 | 0.0 | -34.922 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 213.341 | 4.112 | 0.087 | 230.074 | 3.331 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 107 | 17314 | 17315 | NS | 4 | -34.957 | 16.157 | 0.0 | -34.662 | 16.9 | 0.0 | -21.099 | 21.613 | 0.0 | -27.38 | 21.776 | 0.0 | 0.087 | 232.004 | 3.293 | 0.087 | 216.744 | 3.264 | 0.086 | 9.602 | 0.029 | 0.086 | 40.575 | 0.009 |
| 108 | 17314 | 17315 | SN | 1 | -34.594 | 15.644 | 0.0 | -34.922 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 213.341 | 4.112 | 0.087 | 230.074 | 3.331 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |
| 109 | 17314 | 17315 | SN | 2 | -34.594 | 15.644 | 0.0 | -34.922 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 213.341 | 4.006 | 0.087 | 230.074 | 3.241 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |
| 110 | 17314 | 17315 | SN | 1 | -34.594 | 15.644 | 0.0 | -34.922 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 213.341 | 4.006 | 0.087 | 230.074 | 3.241 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |
| 111 | 17314 | 17315 | NS | 2 | -34.957 | 16.157 | 0.0 | -34.662 | 16.9 | 0.0 | -21.099 | 21.613 | 0.0 | -27.38 | 21.776 | 0.0 | 0.087 | 232.004 | 3.293 | 0.087 | 216.744 | 3.264 | 0.086 | 9.602 | 0.029 | 0.086 | 40.575 | 0.009 |
| 112 | 17314 | 17315 | NS | 1 | -34.957 | 16.157 | 0.0 | -34.575 | 16.9 | 0.0 | -21.112 | 21.613 | 0.0 | -27.385 | 21.776 | 0.0 | 0.087 | 232.004 | 3.293 | 0.087 | 212.426 | 3.264 | 0.086 | 9.631 | 0.029 | 0.086 | 40.619 | 0.009 |
| 113 | 17314 | 17315 | SN | 2 | -34.447 | 15.644 | 0.0 | -34.718 | 16.812 | 0.0 | 0.033 | 21.241 | 0.0 | 1.8 | 21.439 | 0.0 | 0.087 | 206.237 | 4.003 | 0.087 | 219.529 | 3.235 | 0.086 | 0.149 | 0.0 | 0.086 | 0.126 | 0.0 |
| 114 | 17314 | 17315 | NS | 3 | -34.957 | 16.157 | 0.0 | -34.575 | 16.9 | 0.0 | -21.112 | 21.613 | 0.0 | -27.385 | 21.776 | 0.0 | 0.087 | 232.004 | 3.293 | 0.087 | 212.426 | 3.264 | 0.086 | 9.631 | 0.029 | 0.086 | 40.619 | 0.009 |
| 115 | 17315 | 17316 | SN | 2 | -34.745 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 220.962 | 5.318 | 0.087 | 232.822 | 4.679 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 116 | 17315 | 17316 | NS | 4 | -34.598 | 16.375 | 0.0 | -34.563 | 18.714 | 0.0 | -30.29 | 21.862 | 0.0 | -19.718 | 21.798 | 0.0 | 0.087 | 213.61 | 2.421 | 0.086 | 211.842 | 2.218 | 0.086 | 79.239 | 0.178 | 0.086 | 7.005 | 0.029 |
| 117 | 17315 | 17316 | NS | 3 | -34.662 | 16.375 | 0.0 | -34.753 | 18.714 | 0.0 | -30.293 | 21.862 | 0.0 | -19.721 | 21.798 | 0.0 | 0.087 | 216.716 | 2.423 | 0.086 | 221.289 | 2.219 | 0.086 | 79.304 | 0.178 | 0.086 | 7.009 | 0.029 |
| 118 | 17315 | 17316 | SN | 1 | -34.745 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 220.962 | 5.147 | 0.087 | 232.822 | 4.545 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 119 | 17315 | 17316 | SN | 2 | -34.745 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 220.962 | 5.147 | 0.087 | 232.822 | 4.545 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 120 | 17315 | 17316 | SN | 1 | -34.745 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 220.962 | 5.318 | 0.087 | 232.822 | 4.679 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 121 | 17315 | 17316 | SN | 2 | -34.993 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 239.861 | 5.141 | 0.087 | 232.822 | 4.543 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 122 | 17315 | 17316 | NS | 2 | -34.598 | 16.375 | 0.0 | -34.563 | 18.714 | 0.0 | -30.29 | 21.862 | 0.0 | -19.718 | 21.798 | 0.0 | 0.087 | 213.61 | 2.421 | 0.086 | 211.842 | 2.218 | 0.086 | 79.239 | 0.178 | 0.086 | 7.005 | 0.029 |
| 123 | 17315 | 17316 | NS | 1 | -34.662 | 16.375 | 0.0 | -34.753 | 18.714 | 0.0 | -30.293 | 21.862 | 0.0 | -19.721 | 21.798 | 0.0 | 0.087 | 216.716 | 2.423 | 0.086 | 221.289 | 2.219 | 0.086 | 79.304 | 0.178 | 0.086 | 7.009 | 0.029 |
| 124 | 17315 | 17316 | SN | 1 | -34.993 | 16.194 | 0.0 | -34.973 | 16.309 | 0.0 | -0.235 | 21.072 | 0.0 | 3.642 | 21.944 | 0.0 | 0.087 | 239.861 | 5.141 | 0.087 | 232.822 | 4.543 | 0.086 | 0.153 | 0.0 | 0.086 | 0.112 | 0.0 |
| 125 | 17316 | 17317 | NS | 2 | -34.756 | 15.407 | 0.0 | -34.809 | 16.194 | 0.0 | 2.285 | 22.758 | 0.046 | 1.111 | 23.397 | 0.102 | 0.087 | 221.477 | 1.757 | 0.087 | 224.183 | 1.633 | 0.086 | 0.122 | 0.0 | 0.086 | 0.134 | 0.0 |
| 126 | 17316 | 17317 | SN | 1 | -34.963 | 14.986 | 0.0 | -34.755 | 16.431 | 0.0 | -0.656 | 22.251 | 0.005 | 1.226 | 23.426 | 0.029 | 0.087 | 232.335 | 4.967 | 0.087 | 221.366 | 3.575 | 0.086 | 0.16 | 0.0 | 0.086 | 0.132 | 0.0 |
| 127 | 17316 | 17317 | NS | 1 | -34.756 | 15.407 | 0.0 | -34.82 | 16.188 | 0.0 | 2.285 | 22.758 | 0.046 | 1.111 | 23.397 | 0.102 | 0.087 | 221.477 | 1.755 | 0.087 | 224.762 | 1.633 | 0.086 | 0.122 | 0.0 | 0.086 | 0.134 | 0.0 |
| 128 | 17316 | 17317 | SN | 2 | -34.963 | 14.986 | 0.0 | -34.755 | 15.178 | 0.0 | -0.656 | 22.251 | 0.005 | 1.226 | 23.426 | 0.029 | 0.087 | 232.335 | 5.293 | 0.087 | 221.366 | 3.891 | 0.086 | 0.16 | 0.0 | 0.086 | 0.132 | 0.0 |
| 129 | 17316 | 17317 | NS | 3 | -34.756 | 15.407 | 0.0 | -34.82 | 16.188 | 0.0 | 2.285 | 22.758 | 0.046 | 1.111 | 23.397 | 0.102 | 0.087 | 221.477 | 1.755 | 0.087 | 224.762 | 1.633 | 0.086 | 0.122 | 0.0 | 0.086 | 0.134 | 0.0 |
| 130 | 17316 | 17317 | NS | 4 | -34.756 | 15.407 | 0.0 | -34.809 | 16.194 | 0.0 | 2.285 | 22.758 | 0.046 | 1.111 | 23.397 | 0.102 | 0.087 | 221.477 | 1.757 | 0.087 | 224.183 | 1.633 | 0.086 | 0.122 | 0.0 | 0.086 | 0.134 | 0.0 |
| 131 | 17316 | 17317 | SN | 1 | -34.963 | 14.986 | 0.0 | -34.755 | 15.178 | 0.0 | -0.656 | 22.251 | 0.005 | 1.226 | 23.426 | 0.029 | 0.087 | 232.335 | 5.293 | 0.087 | 221.366 | 3.891 | 0.086 | 0.16 | 0.0 | 0.086 | 0.132 | 0.0 |
| 132 | 17316 | 17317 | SN | 2 | -34.963 | 14.986 | 0.0 | -34.755 | 16.431 | 0.0 | -0.656 | 22.251 | 0.005 | 1.226 | 23.426 | 0.029 | 0.087 | 232.335 | 4.967 | 0.087 | 221.366 | 3.575 | 0.086 | 0.16 | 0.0 | 0.086 | 0.132 | 0.0 |
| 133 | 17317 | 17318 | SN | 2 | -34.204 | 14.528 | 0.0 | -34.532 | 14.486 | 0.0 | -11.734 | 22.344 | 0.003 | -7.718 | 22.695 | 0.039 | 0.088 | 195.019 | 3.702 | 0.088 | 210.307 | 3.443 | 0.086 | 1.169 | 0.002 | 0.086 | 0.505 | 0.0 |
| 134 | 17317 | 17318 | NS | 1 | -34.903 | 17.662 | 0.0 | -34.43 | 17.126 | 0.0 | -5.584 | 22.884 | 0.077 | -2.696 | 23.239 | 0.464 | 0.087 | 229.09 | 2.375 | 0.087 | 205.482 | 2.149 | 0.086 | 0.336 | 0.0 | 0.086 | 0.209 | 0.0 |
| 135 | 17317 | 17318 | SN | 1 | -34.204 | 14.528 | 0.0 | -34.532 | 17.194 | 0.0 | -11.735 | 22.344 | 0.003 | -7.718 | 23.261 | 0.098 | 0.088 | 195.019 | 3.44 | 0.087 | 210.307 | 2.933 | 0.086 | 1.169 | 0.001 | 0.086 | 0.505 | 0.0 |
| 136 | 17317 | 17318 | NS | 2 | -34.903 | 17.662 | 0.0 | -34.43 | 17.126 | 0.0 | -5.584 | 22.884 | 0.077 | -2.696 | 23.239 | 0.464 | 0.087 | 229.09 | 2.375 | 0.087 | 205.482 | 2.149 | 0.086 | 0.336 | 0.0 | 0.086 | 0.209 | 0.0 |
| 137 | 17317 | 17318 | SN | 2 | -34.204 | 14.528 | 0.0 | -34.532 | 17.194 | 0.0 | -11.735 | 22.344 | 0.003 | -7.718 | 23.261 | 0.098 | 0.088 | 195.019 | 3.44 | 0.087 | 210.307 | 2.933 | 0.086 | 1.169 | 0.001 | 0.086 | 0.505 | 0.0 |
| 138 | 17317 | 17318 | NS | 1 | -34.895 | 17.662 | 0.0 | -33.915 | 17.126 | 0.0 | -5.588 | 22.884 | 0.077 | -2.693 | 23.239 | 0.465 | 0.087 | 228.688 | 2.377 | 0.087 | 182.487 | 2.147 | 0.086 | 0.337 | 0.0 | 0.086 | 0.209 | 0.0 |
| 139 | 17317 | 17318 | NS | 2 | -34.895 | 17.662 | 0.0 | -33.915 | 17.126 | 0.0 | -5.588 | 22.884 | 0.077 | -2.693 | 23.239 | 0.465 | 0.087 | 228.688 | 2.377 | 0.087 | 182.487 | 2.147 | 0.086 | 0.337 | 0.0 | 0.086 | 0.209 | 0.0 |
| 140 | 17317 | 17318 | SN | 1 | -34.204 | 14.528 | 0.0 | -34.532 | 14.486 | 0.0 | -11.734 | 22.344 | 0.003 | -7.718 | 22.695 | 0.039 | 0.088 | 195.019 | 3.702 | 0.088 | 210.307 | 3.443 | 0.086 | 1.169 | 0.002 | 0.086 | 0.505 | 0.0 |
| 141 | 17318 | 17319 | NS | 2 | -33.87 | 20.95 | 0.0 | -34.547 | 22.402 | 0.001 | -24.051 | 22.882 | 0.157 | -8.542 | 23.518 | 0.759 | 0.086 | 180.624 | 3.009 | 0.086 | 211.103 | 2.924 | 0.086 | 18.889 | 0.024 | 0.086 | 0.596 | 0.0 |
| 142 | 17318 | 17319 | NS | 2 | -34.677 | 20.95 | 0.0 | -34.614 | 22.402 | 0.001 | -24.051 | 22.882 | 0.157 | -8.542 | 23.518 | 0.761 | 0.086 | 217.498 | 3.008 | 0.086 | 214.321 | 2.927 | 0.086 | 18.889 | 0.024 | 0.086 | 0.596 | 0.0 |
| 143 | 17318 | 17319 | SN | 3 | -34.786 | 13.111 | 0.0 | -34.767 | 17.316 | 0.0 | -25.281 | 22.382 | 0.002 | -6.138 | 23.815 | 0.13 | 0.088 | 222.977 | 4.717 | 0.087 | 222.028 | 4.094 | 0.086 | 25.045 | 0.048 | 0.086 | 0.372 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|---------|-------|
| 144 | 17318 | 17319 | SN | 4 | -34.786 | 13.111 | 0.0 | -34.767 | 17.316 | 0.0 | -25.281 | 22.382 | 0.002 | -6.138 | 23.815 | 0.13 | 0.088 | 222.977 | 4.717 | 0.087 | 222.028 | 4.094 | 0.086 | 25.045 | 0.048 | 0.086 | 0.372 | 0.0 |
| 145 | 17318 | 17319 | NS | 1 | -34.677 | 20.95 | 0.0 | -34.614 | 22.402 | 0.001 | -24.051 | 22.882 | 0.157 | -8.542 | 23.518 | 0.761 | 0.086 | 217.498 | 3.008 | 0.086 | 214.321 | 2.927 | 0.086 | 18.889 | 0.024 | 0.086 | 0.596 | 0.0 |
| 146 | 17318 | 17319 | SN | 2 | -34.786 | 13.111 | 0.0 | -34.767 | 17.316 | 0.0 | -25.281 | 22.382 | 0.002 | -6.138 | 23.815 | 0.13 | 0.088 | 222.977 | 4.717 | 0.087 | 222.028 | 4.094 | 0.086 | 25.045 | 0.048 | 0.086 | 0.372 | 0.0 |
| 147 | 17318 | 17319 | NS | 1 | -33.87 | 20.95 | 0.0 | -34.547 | 22.402 | 0.001 | -24.051 | 22.882 | 0.157 | -8.542 | 23.518 | 0.759 | 0.086 | 180.624 | 3.009 | 0.086 | 211.103 | 2.924 | 0.086 | 18.889 | 0.024 | 0.086 | 0.596 | 0.0 |
| 148 | 17318 | 17319 | SN | 1 | -34.786 | 13.111 | 0.0 | -34.767 | 17.316 | 0.0 | -25.281 | 22.382 | 0.002 | -6.138 | 23.815 | 0.13 | 0.088 | 222.977 | 4.717 | 0.087 | 222.028 | 4.094 | 0.086 | 25.045 | 0.048 | 0.086 | 0.372 | 0.0 |
| 149 | 17319 | 17320 | NS | 1 | -34.914 | 22.045 | 0.002 | -34.878 | 16.89 | 0.0 | -18.616 | 22.26 | 0.026 | -5.193 | 23.275 | 0.164 | 0.086 | 229.633 | 4.937 | 0.087 | 227.838 | 4.797 | 0.086 | 5.45 | 0.003 | 0.086 | 0.314 | 0.0 |
| 150 | 17319 | 17320 | NS | 2 | -34.801 | 22.045 | 0.002 | -34.665 | 16.89 | 0.0 | -18.712 | 22.254 | 0.026 | -5.174 | 23.275 | 0.164 | 0.086 | 223.752 | 4.932 | 0.087 | 216.874 | 4.8 | 0.086 | 5.569 | 0.003 | 0.086 | 0.313 | 0.0 |
| 151 | 17319 | 17320 | SN | 1 | -34.963 | 14.886 | 0.0 | -34.782 | 17.175 | 0.0 | -28.355 | 23.224 | 0.006 | -32.484 | 23.558 | 0.14 | 0.087 | 232.317 | 8.401 | 0.087 | 222.788 | 7.606 | 0.086 | 50.77 | 0.222 | 0.086 | 131.258 | 0.105 |
| 152 | 17319 | 17320 | SN | 2 | -34.963 | 14.886 | 0.0 | -34.782 | 17.175 | 0.0 | -28.355 | 23.224 | 0.006 | -32.484 | 23.558 | 0.14 | 0.087 | 232.317 | 8.401 | 0.087 | 222.788 | 7.606 | 0.086 | 50.77 | 0.222 | 0.086 | 131.258 | 0.105 |
| 153 | 17319 | 17320 | NS | 1 | -34.801 | 22.045 | 0.002 | -34.665 | 16.89 | 0.0 | -18.712 | 22.254 | 0.026 | -5.174 | 23.275 | 0.164 | 0.086 | 223.752 | 4.932 | 0.087 | 216.874 | 4.8 | 0.086 | 5.569 | 0.003 | 0.086 | 0.313 | 0.0 |
| 154 | 17319 | 17320 | NS | 2 | -34.914 | 22.045 | 0.002 | -34.878 | 16.89 | 0.0 | -18.616 | 22.26 | 0.026 | -5.193 | 23.275 | 0.164 | 0.086 | 229.633 | 4.937 | 0.087 | 227.838 | 4.797 | 0.086 | 5.45 | 0.003 | 0.086 | 0.314 | 0.0 |
| 155 | 17320 | 17321 | SN | 1 | -34.53 | 15.557 | 0.0 | -34.872 | 17.987 | 0.0 | -24.201 | 22.32 | 0.006 | -25.225 | 23.399 | 0.118 | 0.087 | 210.246 | 5.471 | 0.086 | 227.497 | 5.153 | 0.086 | 19.551 | 0.054 | 0.086 | 24.726 | 0.059 |
| 156 | 17320 | 17321 | NS | 2 | -34.303 | 17.744 | 0.0 | -34.81 | 19.678 | 0.0 | -6.46 | 22.932 | 0.046 | -0.73 | 22.591 | 0.078 | 0.086 | 199.508 | 5.142 | 0.086 | 224.224 | 4.516 | 0.086 | 0.396 | 0.0 | 0.086 | 0.162 | 0.0 |
| 157 | 17320 | 17321 | NS | 1 | -34.303 | 17.744 | 0.0 | -34.81 | 19.678 | 0.0 | -6.46 | 22.932 | 0.046 | -0.73 | 22.591 | 0.078 | 0.086 | 199.508 | 5.142 | 0.086 | 224.224 | 4.516 | 0.086 | 0.396 | 0.0 | 0.086 | 0.162 | 0.0 |
| 158 | 17320 | 17321 | NS | 2 | -34.303 | 17.744 | 0.0 | -34.81 | 19.678 | 0.0 | -6.46 | 22.932 | 0.045 | -0.73 | 22.591 | 0.076 | 0.086 | 199.508 | 5.171 | 0.086 | 224.224 | 4.516 | 0.086 | 0.396 | 0.0 | 0.086 | 0.162 | 0.0 |
| 159 | 17320 | 17321 | NS | 1 | -34.303 | 17.744 | 0.0 | -34.81 | 19.678 | 0.0 | -6.46 | 22.932 | 0.045 | -0.73 | 22.591 | 0.076 | 0.086 | 199.508 | 5.171 | 0.086 | 224.224 | 4.516 | 0.086 | 0.396 | 0.0 | 0.086 | 0.162 | 0.0 |
| 160 | 17320 | 17321 | SN | 2 | -34.53 | 15.557 | 0.0 | -34.872 | 17.987 | 0.0 | -24.201 | 22.32 | 0.006 | -25.225 | 23.399 | 0.118 | 0.087 | 210.246 | 5.471 | 0.086 | 227.497 | 5.153 | 0.086 | 19.551 | 0.054 | 0.086 | 24.726 | 0.059 |
| 161 | 17321 | 17322 | SN | 2 | -34.068 | 15.673 | 0.0 | -34.351 | 17.755 | 0.0 | -21.276 | 22.467 | 0.009 | -18.378 | 23.143 | 0.137 | 0.087 | 189.005 | 2.663 | 0.086 | 201.754 | 2.367 | 0.086 | 10.0 | 0.016 | 0.086 | 5.162 | 0.011 |
| 162 | 17321 | 17322 | NS | 1 | -34.645 | 20.387 | 0.0 | -34.898 | 20.857 | 0.0 | 5.057 | 22.47 | 0.123 | 4.74 | 22.616 | 0.104 | 0.086 | 215.872 | 3.301 | 0.086 | 228.856 | 3.213 | 0.086 | 0.104 | 0.0 | 0.086 | 0.105 | 0.0 |
| 163 | 17321 | 17322 | NS | 2 | -34.922 | 20.387 | 0.0 | -34.898 | 20.857 | 0.0 | 5.051 | 22.47 | 0.097 | 4.668 | 22.617 | 0.086 | 0.086 | 230.077 | 3.374 | 0.086 | 228.856 | 3.214 | 0.086 | 0.104 | 0.0 | 0.086 | 0.106 | 0.0 |
| 164 | 17321 | 17322 | NS | 1 | -34.922 | 20.387 | 0.0 | -34.898 | 20.857 | 0.0 | 5.051 | 22.47 | 0.097 | 4.668 | 22.617 | 0.086 | 0.086 | 230.077 | 3.374 | 0.086 | 228.856 | 3.214 | 0.086 | 0.104 | 0.0 | 0.086 | 0.106 | 0.0 |
| 165 | 17321 | 17322 | NS | 2 | -34.645 | 20.387 | 0.0 | -34.898 | 20.857 | 0.0 | 5.057 | 22.47 | 0.123 | 4.74 | 22.616 | 0.104 | 0.086 | 215.872 | 3.301 | 0.086 | 228.856 | 3.213 | 0.086 | 0.104 | 0.0 | 0.086 | 0.105 | 0.0 |
| 166 | 17321 | 17322 | SN | 1 | -34.068 | 15.673 | 0.0 | -34.351 | 17.755 | 0.0 | -21.276 | 22.467 | 0.009 | -18.378 | 23.143 | 0.137 | 0.087 | 189.005 | 2.663 | 0.086 | 201.754 | 2.367 | 0.086 | 10.0 | 0.016 | 0.086 | 5.162 | 0.011 |
| 167 | 17322 | 17323 | NS | 1 | -34.787 | 20.498 | 0.0 | -34.784 | 19.833 | 0.0 | -0.284 | 22.594 | 0.072 | 0.392 | 22.52 | 0.091 | 0.086 | 223.097 | 5.342 | 0.086 | 222.885 | 5.756 | 0.086 | 0.154 | 0.0 | 0.086 | 0.143 | 0.0 |
| 168 | 17322 | 17323 | NS | 2 | -34.787 | 20.498 | 0.0 | -34.784 | 19.833 | 0.0 | -0.284 | 22.594 | 0.072 | 0.392 | 22.52 | 0.091 | 0.086 | 223.097 | 5.342 | 0.086 | 222.885 | 5.756 | 0.086 | 0.154 | 0.0 | 0.086 | 0.143 | 0.0 |
| 169 | 17322 | 17323 | SN | 1 | -34.95 | 16.598 | 0.0 | -34.827 | 18.252 | 0.0 | -19.295 | 22.713 | 0.072 | -18.536 | 23.23 | 0.674 | 0.087 | 231.558 | 4.391 | 0.086 | 225.168 | 3.579 | 0.086 | 6.361 | 0.046 | 0.086 | 5.352 | 0.057 |
| 170 | 17322 | 17323 | NS | 1 | -34.787 | 20.498 | 0.0 | -34.784 | 19.833 | 0.0 | -0.369 | 22.594 | 0.158 | 0.393 | 22.526 | 0.133 | 0.086 | 223.097 | 5.271 | 0.086 | 222.885 | 5.763 | 0.086 | 0.155 | 0.0 | 0.086 | 0.143 | 0.0 |
| 171 | 17322 | 17323 | SN | 2 | -34.95 | 16.598 | 0.0 | -34.827 | 18.252 | 0.0 | -19.295 | 22.713 | 0.072 | -18.536 | 23.23 | 0.674 | 0.087 | 231.558 | 4.391 | 0.086 | 225.168 | 3.579 | 0.086 | 6.361 | 0.046 | 0.086 | 5.352 | 0.057 |
| 172 | 17322 | 17323 | NS | 2 | -34.787 | 20.498 | 0.0 | -34.784 | 19.833 | 0.0 | -0.369 | 22.594 | 0.158 | 0.393 | 22.526 | 0.133 | 0.086 | 223.097 | 5.271 | 0.086 | 222.885 | 5.763 | 0.086 | 0.155 | 0.0 | 0.086 | 0.143 | 0.0 |
| 173 | 17323 | 17324 | NS | 2 | -34.96 | 21.214 | 0.0 | -34.117 | 16.244 | 0.0 | 0.771 | 22.331 | 0.031 | 0.744 | 20.487 | 0.0 | 0.086 | 232.151 | 3.352 | 0.087 | 191.191 | 3.29 | 0.086 | 0.138 | 0.0 | 0.086 | 0.138 | 0.0 |
| 174 | 17323 | 17324 | NS | 1 | -34.96 | 21.214 | 0.0 | -34.117 | 16.244 | 0.0 | 0.771 | 22.331 | 0.031 | 0.744 | 20.487 | 0.0 | 0.086 | 232.151 | 3.352 | 0.087 | 191.191 | 3.29 | 0.086 | 0.138 | 0.0 | 0.086 | 0.138 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors