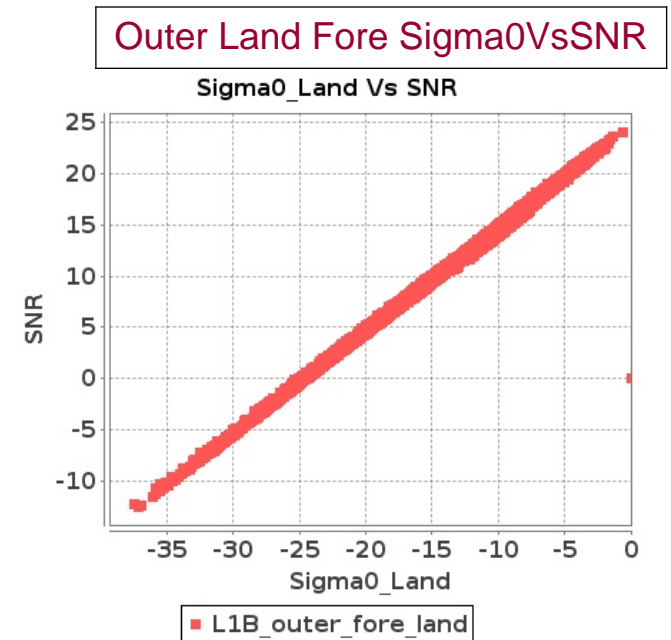
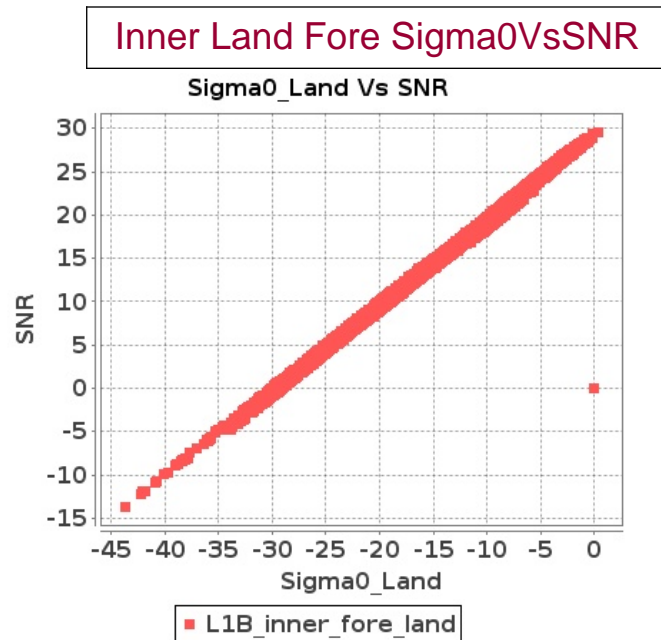
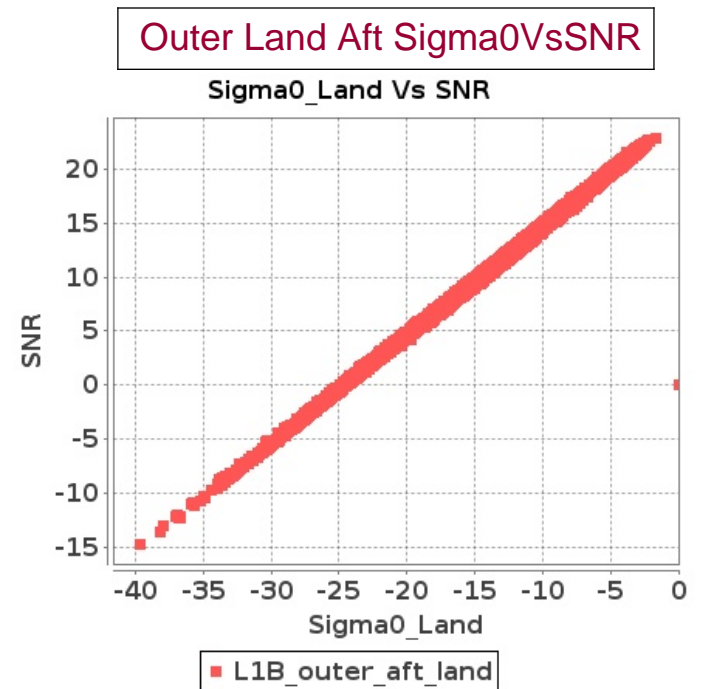
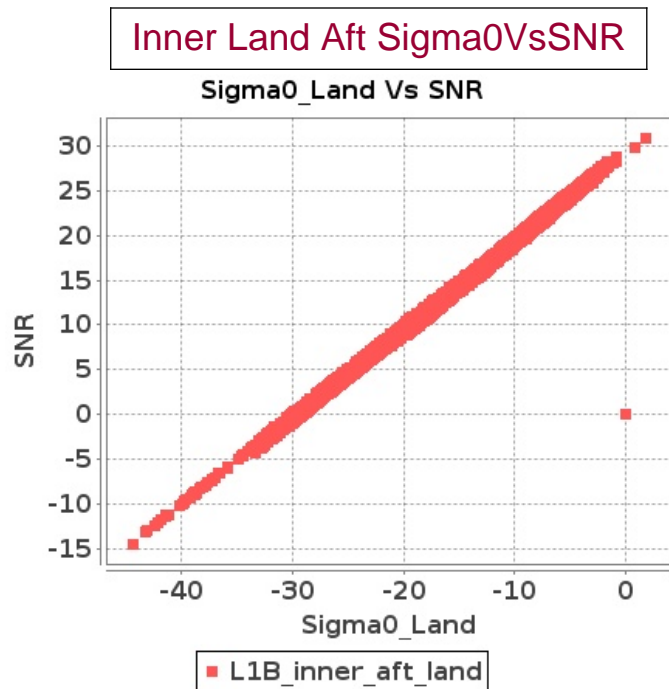
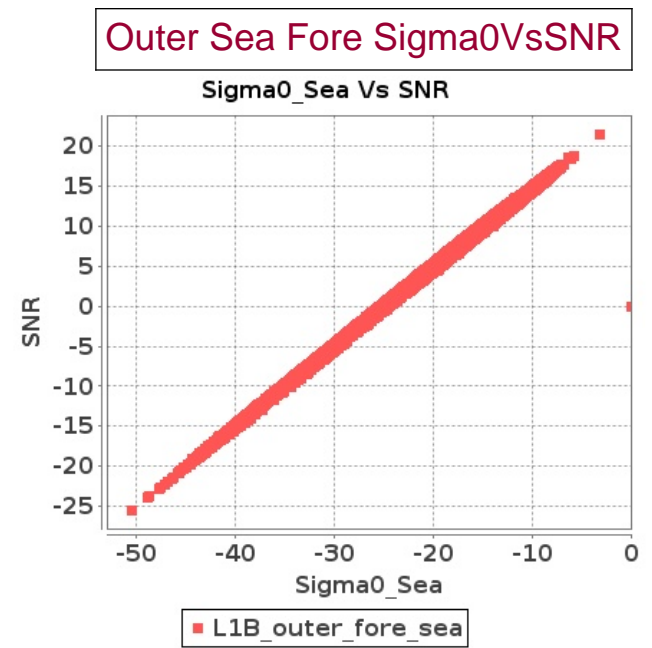
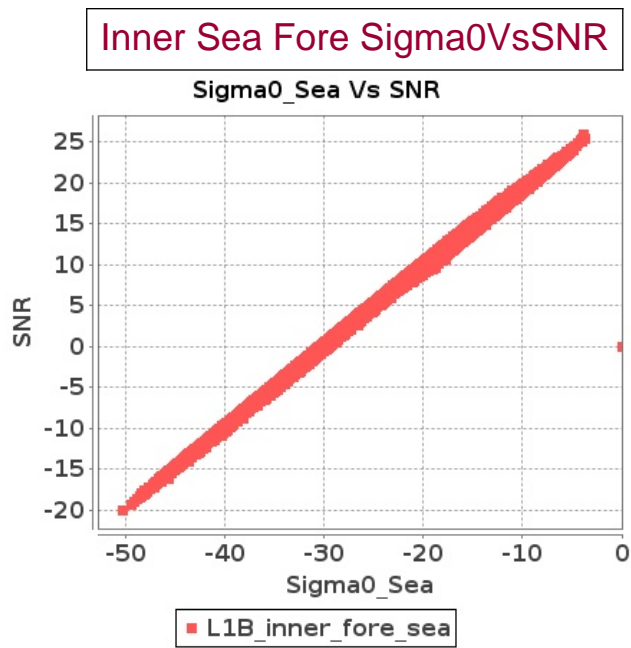
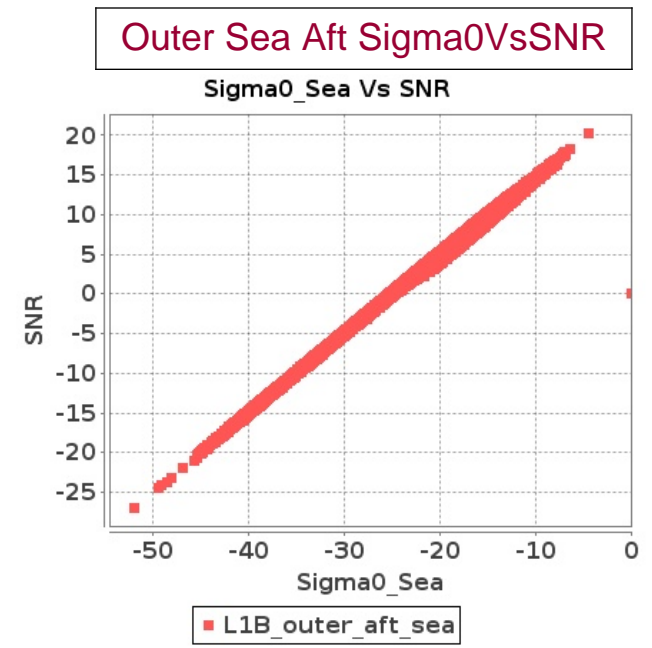
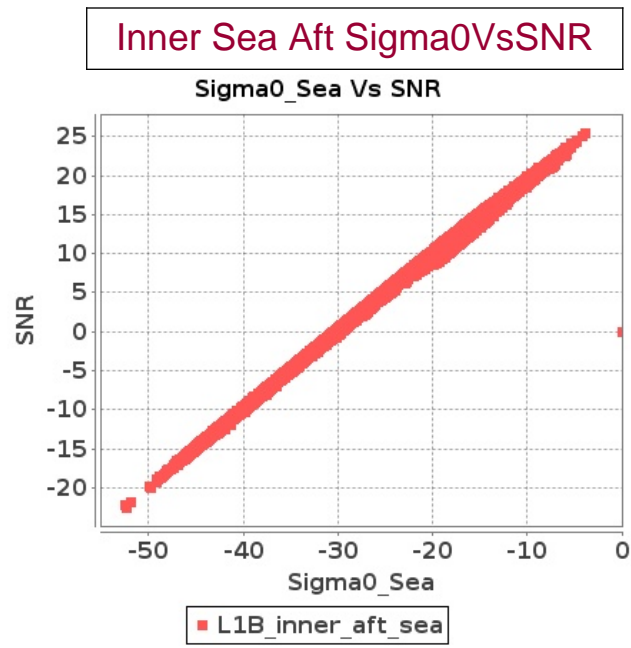
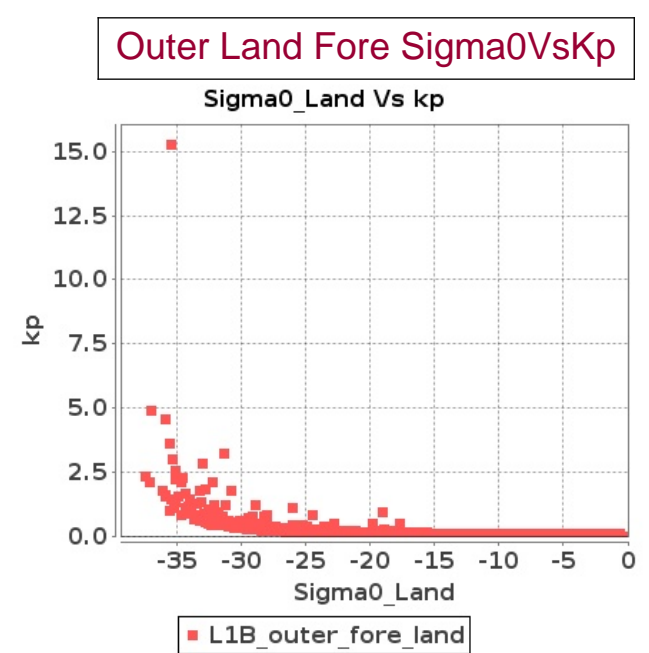
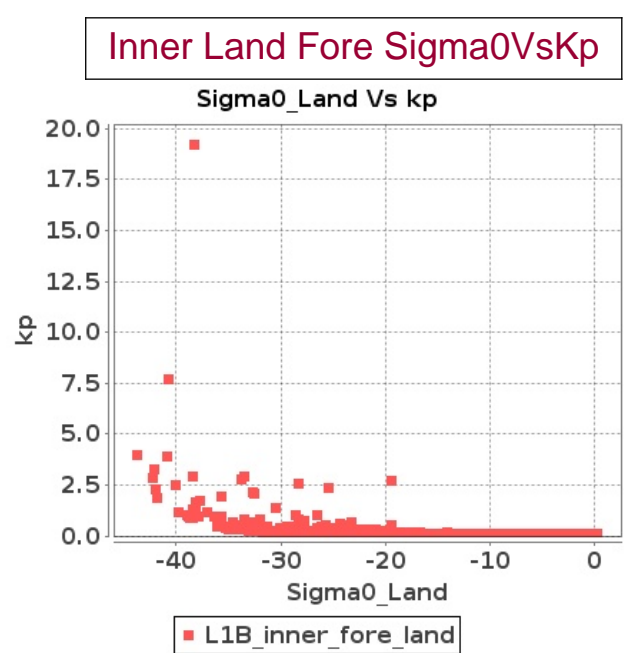
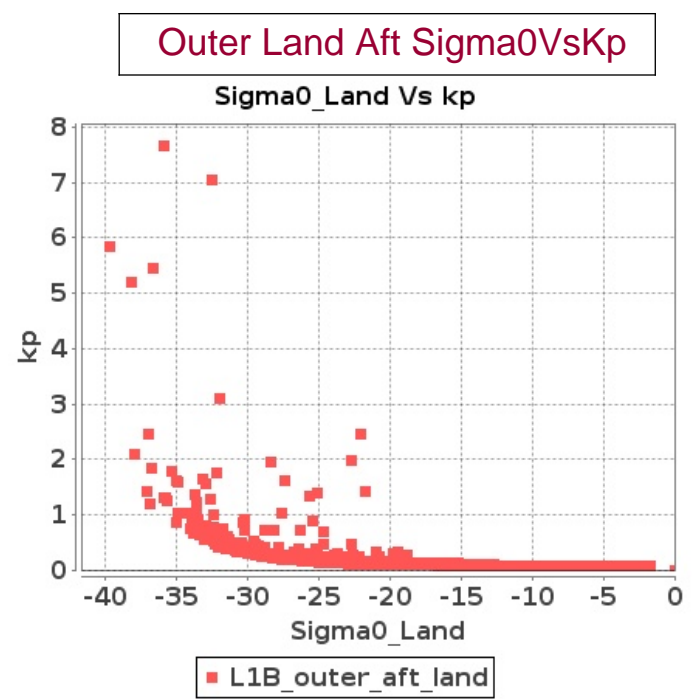
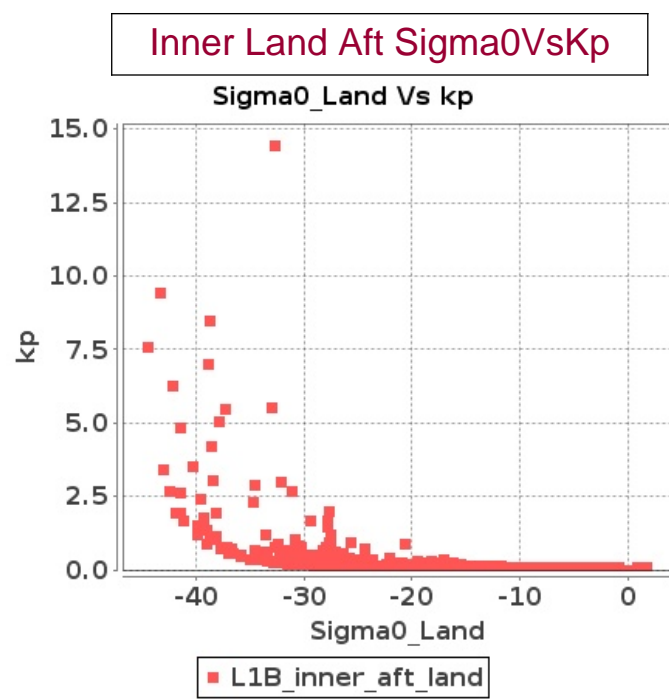
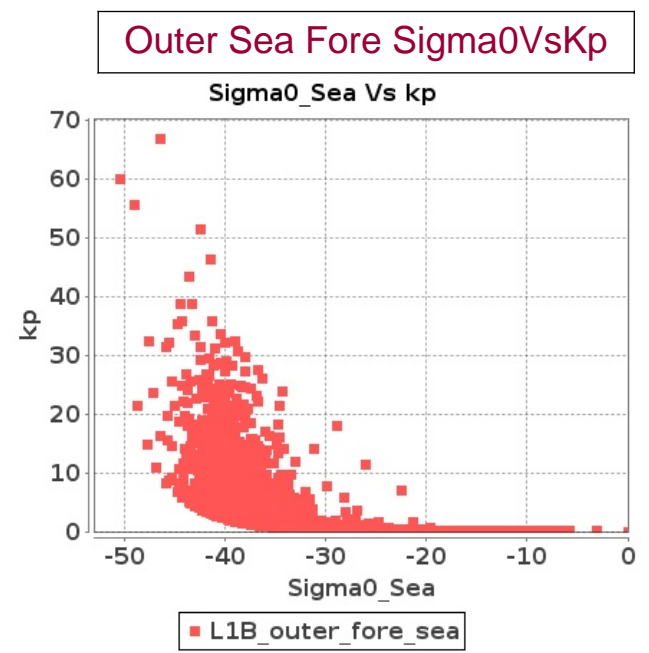
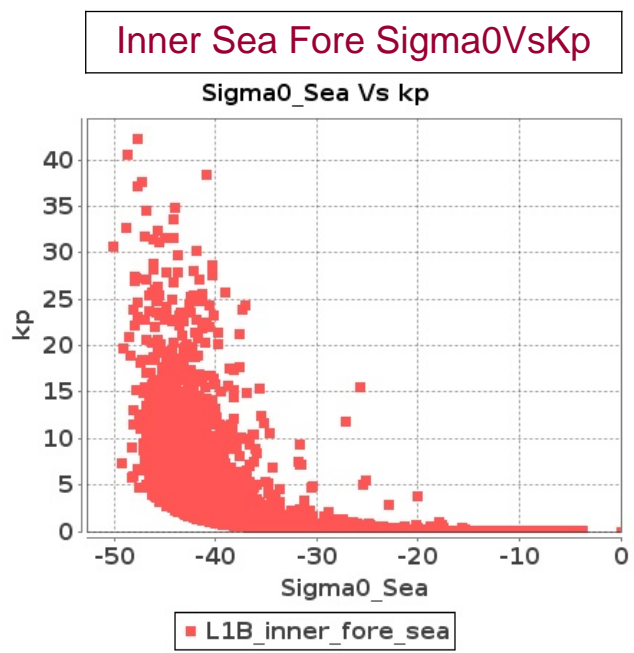
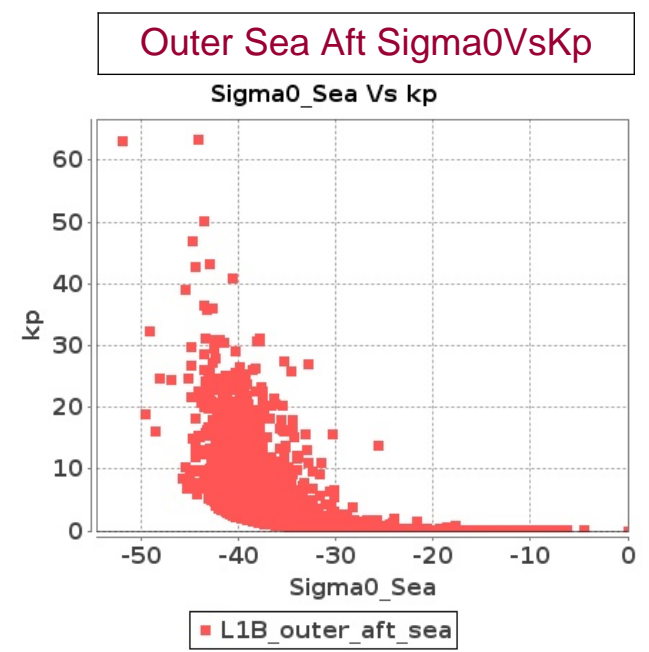
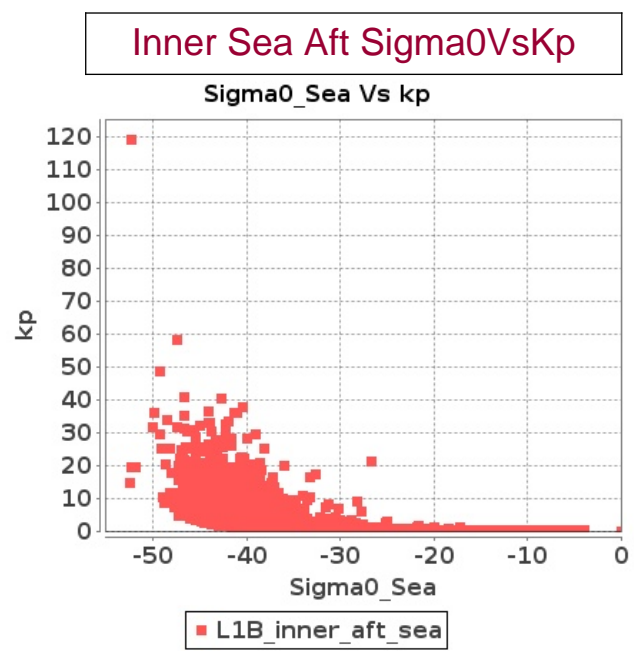


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 09-JAN-2017 To 10-JAN-2017





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

Report between 09-JAN-2017 To 10-JAN-2017

| | | | | | 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 | 1520 | 1521 | SN | 1 | 48.803 | 49.319 | 0.0 | 0.003 | 1.291 | 0.384 | 1040.936 | 1071.504 | 0.0 | -91.444 | -90.106 | 0.0 |
| 2 | 1521 | 1522 | NS | 1 | 48.825 | 49.304 | 0.0 | 0.003 | 1.291 | 0.385 | 1043.296 | 1071.432 | 0.0 | -91.173 | -90.112 | 0.0 |
| 3 | 1521 | 1522 | SN | 1 | 48.826 | 49.291 | 0.0 | 0.003 | 1.291 | 0.389 | 1040.928 | 1071.344 | 0.0 | -91.1 | -90.07 | 0.0 |
| 4 | 1522 | 1523 | SN | 1 | 48.791 | 49.306 | 0.0 | 0.003 | 1.291 | 0.368 | 1039.432 | 1071.504 | 0.0 | -91.244 | -90.111 | 0.0 |
| 5 | 1522 | 1523 | NS | 1 | 48.809 | 49.326 | 0.0 | 0.003 | 1.291 | 0.361 | 1043.712 | 1071.616 | 0.0 | -91.246 | -90.117 | 0.0 |
| 6 | 1523 | 1524 | NS | 1 | 48.82 | 49.347 | 0.0 | 0.003 | 1.291 | 0.361 | 1043.664 | 1071.752 | 0.0 | -91.185 | -90.12 | 0.0 |
| 7 | 1523 | 1524 | SN | 2 | 48.745 | 49.321 | 0.0 | 0.003 | 1.291 | 0.361 | 1039.968 | 1071.624 | 0.0 | -91.128 | -90.108 | 0.0 |
| 8 | 1523 | 1524 | NS | 1 | 48.82 | 49.347 | 0.0 | 0.003 | 1.291 | 0.361 | 1043.664 | 1071.752 | 0.0 | -91.185 | -90.12 | 0.0 |
| 9 | 1523 | 1524 | SN | 4 | 48.745 | 49.321 | 0.0 | 0.003 | 1.291 | 0.315 | 1039.968 | 1071.624 | 0.0 | -91.128 | -90.108 | 0.0 |
| 10 | 1523 | 1524 | NS | 3 | 48.82 | 49.347 | 0.0 | 0.003 | 1.291 | 0.316 | 1043.664 | 1071.752 | 0.0 | -91.185 | -90.12 | 0.0 |
| 11 | 1523 | 1524 | SN | 2 | 48.745 | 49.321 | 0.0 | 0.003 | 1.291 | 0.361 | 1039.968 | 1071.624 | 0.0 | -91.128 | -90.108 | 0.0 |
| 12 | 1524 | 1525 | SN | 1 | 48.795 | 49.324 | 0.0 | 0.003 | 1.291 | 0.363 | 1040.224 | 1071.536 | 0.0 | -91.129 | -90.108 | 0.0 |
| 13 | 1524 | 1525 | NS | 1 | 48.812 | 49.336 | 0.0 | 0.003 | 227.141 | 0.376 | 1043.736 | 1071.64 | 0.0 | -91.204 | -90.133 | 0.0 |
| 14 | 1524 | 1525 | SN | 1 | 48.795 | 49.324 | 0.0 | 0.003 | 1.291 | 0.32 | 1040.224 | 1071.44 | 0.0 | -91.129 | -90.108 | 0.0 |
| 15 | 1524 | 1525 | NS | 2 | 48.838 | 49.34 | 0.0 | 0.003 | 1.291 | 0.328 | 1043.768 | 1071.72 | 0.0 | -91.638 | -90.133 | 0.0 |
| 16 | 1525 | 1526 | NS | 1 | 48.837 | 49.34 | 0.0 | 0.003 | 239.798 | 0.373 | 1044.232 | 1071.552 | 0.0 | -91.4 | -90.122 | 0.0 |
| 17 | 1525 | 1526 | SN | 2 | 48.797 | 49.339 | 0.0 | 0.003 | 1.291 | 0.362 | 1040.72 | 1071.464 | 0.0 | -91.584 | -90.108 | 0.0 |
| 18 | 1525 | 1526 | NS | 3 | 48.835 | 49.324 | 0.0 | 0.003 | 1.291 | 0.326 | 1044.312 | 1071.624 | 0.0 | -91.221 | -90.122 | 0.0 |
| 19 | 1525 | 1526 | SN | 1 | 48.797 | 49.339 | 0.0 | 0.003 | 1.291 | 0.316 | 1040.72 | 1071.464 | 0.0 | -91.584 | -90.108 | 0.0 |
| 20 | 1526 | 1527 | NS | 1 | 48.813 | 49.334 | 0.0 | 0.003 | 1.291 | 0.372 | 1043.568 | 1071.496 | 0.0 | -91.092 | -90.136 | 0.0 |
| 21 | 1526 | 1527 | SN | 2 | 48.799 | 49.327 | 0.0 | 0.003 | 1.291 | 0.327 | 1040.856 | 1071.248 | 0.0 | -91.227 | -90.109 | 0.0 |
| 22 | 1526 | 1527 | NS | 2 | 48.813 | 49.334 | 0.0 | 0.003 | 1.291 | 0.325 | 1043.568 | 1071.496 | 0.0 | -91.092 | -90.136 | 0.0 |
| 23 | 1526 | 1527 | SN | 3 | 48.799 | 49.327 | 0.0 | 0.003 | 1.291 | 0.327 | 1040.856 | 1071.248 | 0.0 | -91.227 | -90.109 | 0.0 |
| 24 | 1526 | 1527 | SN | 1 | 48.799 | 49.327 | 0.0 | 0.003 | 1.291 | 0.37 | 1040.856 | 1071.248 | 0.0 | -91.227 | -90.109 | 0.0 |
| 25 | 1527 | 1528 | NS | 2 | 48.815 | 49.332 | 0.0 | 0.003 | 1.291 | 0.325 | 1043.304 | 1071.456 | 0.0 | -91.122 | -90.138 | 0.0 |
| 26 | 1527 | 1528 | NS | 1 | 48.815 | 49.332 | 0.0 | 0.003 | 254.837 | 0.372 | 1043.304 | 1071.456 | 0.0 | -91.122 | -90.138 | 0.0 |
| 27 | 1527 | 1528 | SN | 1 | 48.833 | 49.285 | 0.0 | 0.003 | 1.291 | 0.374 | 1040.136 | 1071.256 | 0.0 | -91.266 | -90.084 | 0.0 |
| 28 | 1527 | 1528 | SN | 2 | 48.833 | 49.285 | 0.0 | 0.003 | 1.291 | 0.33 | 1040.136 | 1071.256 | 0.0 | -91.266 | -90.084 | 0.0 |
| 29 | 1527 | 1528 | NS | 3 | 48.815 | 49.332 | 0.0 | 0.003 | 1.291 | 0.325 | 1043.304 | 1071.456 | 0.0 | -91.122 | -90.138 | 0.0 |
| 30 | 1528 | 1529 | NS | 2 | 48.807 | 49.341 | 0.0 | 0.003 | 1.291 | 0.326 | 1043.512 | 1071.584 | 0.0 | -91.107 | -90.133 | 0.0 |
| 31 | 1528 | 1529 | NS | 1 | 48.807 | 49.341 | 0.0 | 0.003 | 1.291 | 0.373 | 1043.512 | 1071.584 | 0.0 | -91.107 | -90.133 | 0.0 |
| 32 | 1528 | 1529 | SN | 2 | 48.814 | 49.286 | 0.0 | 0.003 | 1.291 | 0.358 | 1040.712 | 1071.464 | 0.0 | -91.233 | -90.092 | 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 | 1528 | 1529 | SN | 1 | 48.814 | 49.286 | 0.0 | 0.003 | 1.291 | 0.372 | 1040.712 | 1071.464 | 0.0 | -91.233 | -90.092 | 0.0 |
| 34 | 1529 | 1530 | SN | 2 | 48.798 | 49.286 | 0.0 | 0.003 | 1.291 | 0.315 | 1040.688 | 1071.488 | 0.0 | -91.235 | -90.102 | 0.0 |
| 35 | 1529 | 1530 | NS | 1 | 48.807 | 49.303 | 0.0 | 0.003 | 251.33 | 0.384 | 1043.512 | 1071.584 | 0.0 | -91.581 | -90.087 | 0.0 |
| 36 | 1529 | 1530 | NS | 2 | 48.807 | 49.303 | 0.0 | 0.003 | 251.33 | 0.335 | 1043.512 | 1071.584 | 0.0 | -91.581 | -90.087 | 0.0 |
| 37 | 1529 | 1530 | SN | 1 | 48.798 | 49.286 | 0.0 | 0.003 | 1.291 | 0.361 | 1040.688 | 1071.488 | 0.0 | -91.235 | -90.102 | 0.0 |
| 38 | 1530 | 1531 | SN | 2 | 48.786 | 49.326 | 0.0 | 0.003 | 1.291 | 0.317 | 1040.688 | 1071.448 | 0.0 | -91.196 | -90.116 | 0.0 |
| 39 | 1530 | 1531 | NS | 2 | 48.815 | 49.339 | 0.0 | 0.003 | 1.291 | 0.333 | 1043.056 | 1071.552 | 0.0 | -91.209 | -90.119 | 0.0 |
| 40 | 1530 | 1531 | SN | 1 | 48.786 | 49.326 | 0.0 | 0.003 | 1.291 | 0.363 | 1040.688 | 1071.448 | 0.0 | -91.196 | -90.116 | 0.0 |
| 41 | 1530 | 1531 | NS | 1 | 48.815 | 49.339 | 0.0 | 0.003 | 1.291 | 0.379 | 1043.056 | 1071.552 | 0.0 | -91.209 | -90.119 | 0.0 |
| 42 | 1531 | 1532 | SN | 2 | 48.809 | 49.334 | 0.0 | 0.003 | 297.997 | 0.328 | 1041.344 | 1071.368 | 0.0 | -91.199 | -90.081 | 0.0 |
| 43 | 1531 | 1532 | NS | 1 | 48.802 | 49.338 | 0.0 | 0.003 | 1.291 | 0.377 | 1043.128 | 1071.52 | 0.0 | -91.168 | -90.135 | 0.0 |
| 44 | 1531 | 1532 | SN | 1 | 48.809 | 49.334 | 0.0 | 0.003 | 297.997 | 0.376 | 1041.344 | 1071.368 | 0.0 | -91.199 | -90.081 | 0.0 |
| 45 | 1531 | 1532 | NS | 2 | 48.802 | 49.338 | 0.0 | 0.003 | 1.291 | 0.329 | 1043.128 | 1071.52 | 0.0 | -91.168 | -90.135 | 0.0 |
| 46 | 1532 | 1533 | NS | 2 | 48.814 | 49.341 | 0.0 | 0.003 | 1.291 | 0.369 | 1043.256 | 1071.488 | 0.0 | -91.368 | -90.138 | 0.0 |
| 47 | 1532 | 1533 | SN | 3 | 48.832 | 49.335 | 0.0 | 0.003 | 1.291 | 0.327 | 1041.424 | 1071.456 | 0.0 | -91.281 | -90.104 | 0.0 |
| 48 | 1532 | 1533 | SN | 1 | 48.832 | 49.335 | 0.0 | 0.003 | 1.291 | 0.374 | 1041.424 | 1071.456 | 0.0 | -91.281 | -90.104 | 0.0 |
| 49 | 1532 | 1533 | NS | 4 | 48.814 | 49.341 | 0.0 | 0.003 | 1.291 | 0.324 | 1043.256 | 1071.488 | 0.0 | -91.368 | -90.138 | 0.0 |
| 50 | 1533 | 1534 | NS | 1 | 48.8 | 49.347 | 0.0 | 0.003 | 1.291 | 0.371 | 1043.04 | 1071.552 | 0.0 | -91.176 | -90.133 | 0.0 |
| 51 | 1533 | 1534 | SN | 1 | 48.806 | 49.314 | 0.0 | 0.003 | 1.291 | 0.367 | 1040.88 | 1071.448 | 0.0 | -91.124 | -90.115 | 0.0 |
| 52 | 1533 | 1534 | NS | 2 | 48.8 | 49.347 | 0.0 | 0.003 | 1.291 | 0.324 | 1043.04 | 1071.552 | 0.0 | -91.176 | -90.133 | 0.0 |
| 53 | 1533 | 1534 | SN | 2 | 48.806 | 49.314 | 0.0 | 0.003 | 1.291 | 0.321 | 1040.88 | 1071.448 | 0.0 | -91.124 | -90.115 | 0.0 |
| 54 | 1534 | 1535 | SN | 2 | 48.799 | 49.3 | 0.0 | 0.003 | 1.291 | 0.331 | 1040.752 | 1071.48 | 0.0 | -91.096 | -90.115 | 0.0 |
| 55 | 1534 | 1535 | NS | 1 | 48.838 | 49.332 | 0.0 | 0.003 | 1.291 | 0.37 | 1042.728 | 1071.584 | 0.0 | -91.814 | -90.124 | 0.0 |
| 56 | 1534 | 1535 | SN | 1 | 48.799 | 49.3 | 0.0 | 0.003 | 1.291 | 0.374 | 1040.752 | 1071.48 | 0.0 | -91.096 | -90.115 | 0.0 |
| 57 | 1534 | 1535 | NS | 2 | 48.838 | 49.332 | 0.0 | 0.003 | 1.291 | 0.324 | 1042.728 | 1071.584 | 0.0 | -91.814 | -90.124 | 0.0 |
| 58 | 1535 | 1536 | NS | 2 | 48.813 | 49.293 | 0.0 | 0.003 | 1.291 | 0.335 | 1042.624 | 1071.568 | 0.0 | -91.168 | -90.124 | 0.0 |
| 59 | 1535 | 1536 | SN | 1 | 48.801 | 49.334 | 0.0 | 0.003 | 1.291 | 0.381 | 1041.536 | 1071.488 | 0.0 | -91.15 | -90.102 | 0.0 |
| 60 | 1535 | 1536 | NS | 3 | 48.813 | 49.293 | 0.0 | 0.003 | 1.291 | 0.335 | 1042.624 | 1071.568 | 0.0 | -91.168 | -90.124 | 0.0 |
| 61 | 1535 | 1536 | NS | 1 | 48.813 | 49.293 | 0.0 | 0.003 | 1.291 | 0.382 | 1042.624 | 1071.568 | 0.0 | -91.168 | -90.124 | 0.0 |
| 62 | 1535 | 1536 | SN | 3 | 48.801 | 49.334 | 0.0 | 0.003 | 1.291 | 0.354 | 1041.536 | 1071.488 | 0.0 | -91.15 | -90.102 | 0.0 |
| 63 | 1535 | 1536 | SN | 2 | 48.801 | 49.334 | 0.0 | 0.003 | 1.291 | 0.354 | 1041.536 | 1071.488 | 0.0 | -91.15 | -90.102 | 0.0 |
| 64 | 1536 | 1537 | SN | 2 | 48.815 | 49.308 | 0.0 | 0.003 | 1.291 | 0.379 | 1040.984 | 1071.392 | 0.0 | -91.084 | -90.065 | 0.0 |
| 65 | 1536 | 1537 | NS | 5 | 48.807 | 49.338 | 0.0 | 0.003 | 1.291 | 0.323 | 1042.848 | 1071.464 | 0.0 | -91.204 | -90.107 | 0.0 |
| 66 | 1536 | 1537 | SN | 4 | 48.815 | 49.308 | 0.0 | 0.003 | 1.291 | 0.331 | 1040.984 | 1071.392 | 0.0 | -91.084 | -90.065 | 0.0 |
| 67 | 1536 | 1537 | SN | 6 | 48.815 | 49.308 | 0.0 | 0.003 | 1.291 | 0.331 | 1040.984 | 1071.392 | 0.0 | -91.084 | -90.065 | 0.0 |
| 68 | 1536 | 1537 | NS | 3 | 48.807 | 49.338 | 0.0 | 0.003 | 1.291 | 0.323 | 1042.848 | 1071.464 | 0.0 | -91.204 | -90.107 | 0.0 |
| 69 | 1536 | 1537 | NS | 1 | 48.807 | 49.338 | 0.0 | 0.003 | 1.291 | 0.368 | 1042.848 | 1071.464 | 0.0 | -91.204 | -90.107 | 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 | 1537 | 1538 | SN | 1 | 48.798 | 49.327 | 0.0 | 0.003 | 1.291 | 0.363 | 1040.504 | 1071.536 | 0.0 | -91.257 | -90.114 | 0.0 |
| 71 | 1537 | 1538 | SN | 3 | 48.798 | 49.327 | 0.0 | 0.003 | 1.291 | 0.321 | 1040.504 | 1071.536 | 0.0 | -91.257 | -90.114 | 0.0 |
| 72 | 1537 | 1538 | NS | 3 | 48.807 | 49.349 | 0.0 | 0.003 | 1.291 | 0.318 | 1042.808 | 1071.688 | 0.0 | -91.529 | -90.115 | 0.0 |
| 73 | 1537 | 1538 | NS | 1 | 48.807 | 49.349 | 0.0 | 0.003 | 1.291 | 0.362 | 1042.808 | 1071.688 | 0.0 | -91.529 | -90.115 | 0.0 |
| 74 | 1537 | 1538 | SN | 2 | 48.798 | 49.327 | 0.0 | 0.003 | 1.291 | 0.321 | 1040.504 | 1071.536 | 0.0 | -91.257 | -90.114 | 0.0 |
| 75 | 1537 | 1538 | NS | 2 | 48.807 | 49.349 | 0.0 | 0.003 | 1.291 | 0.318 | 1042.808 | 1071.688 | 0.0 | -91.529 | -90.115 | 0.0 |
| 76 | 1538 | 1539 | NS | 1 | 48.836 | 49.333 | 0.0 | 0.003 | 1.291 | 0.363 | 1042.864 | 1071.68 | 0.0 | -91.275 | -90.136 | 0.0 |
| 77 | 1538 | 1539 | SN | 2 | 48.803 | 49.335 | 0.0 | 0.003 | 1.291 | 0.321 | 1041.184 | 1071.496 | 0.0 | -91.595 | -90.113 | 0.0 |
| 78 | 1538 | 1539 | NS | 3 | 48.836 | 49.333 | 0.0 | 0.003 | 1.291 | 0.318 | 1042.864 | 1071.68 | 0.0 | -91.275 | -90.136 | 0.0 |
| 79 | 1538 | 1539 | NS | 2 | 48.836 | 49.333 | 0.0 | 0.003 | 1.291 | 0.318 | 1042.864 | 1071.68 | 0.0 | -91.275 | -90.136 | 0.0 |
| 80 | 1538 | 1539 | SN | 1 | 48.803 | 49.335 | 0.0 | 0.003 | 1.291 | 0.363 | 1041.184 | 1071.496 | 0.0 | -91.595 | -90.113 | 0.0 |
| 81 | 1538 | 1539 | SN | 3 | 48.803 | 49.335 | 0.0 | 0.003 | 1.291 | 0.321 | 1041.184 | 1071.496 | 0.0 | -91.595 | -90.113 | 0.0 |
| 82 | 1539 | 1540 | SN | 1 | 48.799 | 49.36 | 0.0 | 0.003 | 1.291 | 0.362 | 1040.96 | 1071.448 | 0.0 | -91.169 | -90.106 | 0.0 |
| 83 | 1539 | 1540 | SN | 3 | 48.799 | 49.36 | 0.0 | 0.003 | 1.291 | 0.317 | 1040.96 | 1071.448 | 0.0 | -91.169 | -90.106 | 0.0 |
| 84 | 1539 | 1540 | NS | 1 | 48.824 | 49.319 | 0.0 | 0.003 | 1.291 | 0.372 | 1043.648 | 1071.552 | 0.0 | -91.277 | -90.101 | 0.0 |
| 85 | 1539 | 1540 | SN | 2 | 48.799 | 49.36 | 0.0 | 0.003 | 1.291 | 0.317 | 1040.96 | 1071.448 | 0.0 | -91.169 | -90.106 | 0.0 |
| 86 | 1539 | 1540 | NS | 1 | 48.824 | 49.319 | 0.0 | 0.003 | 1.291 | 0.326 | 1043.648 | 1071.552 | 0.0 | -91.277 | -90.101 | 0.0 |
| 87 | 1539 | 1540 | NS | 2 | 48.824 | 49.319 | 0.0 | 0.003 | 1.291 | 0.326 | 1043.648 | 1071.552 | 0.0 | -91.277 | -90.101 | 0.0 |
| 88 | 1540 | 1541 | NS | 1 | 48.819 | 49.315 | 0.0 | 0.003 | 1.291 | 0.375 | 1043.384 | 1071.416 | 0.0 | -91.1 | -90.114 | 0.0 |
| 89 | 1540 | 1541 | NS | 2 | 48.819 | 49.315 | 0.0 | 0.003 | 1.291 | 0.328 | 1043.384 | 1071.416 | 0.0 | -91.1 | -90.114 | 0.0 |
| 90 | 1540 | 1541 | SN | 2 | 48.794 | 49.369 | 0.0 | 0.003 | 1.291 | 0.331 | 1041.352 | 1071.384 | 0.0 | -91.442 | -90.117 | 0.0 |
| 91 | 1540 | 1541 | SN | 1 | 48.794 | 49.369 | 0.0 | 0.003 | 1.291 | 0.331 | 1041.352 | 1071.384 | 0.0 | -91.442 | -90.117 | 0.0 |
| 92 | 1540 | 1541 | NS | 3 | 48.819 | 49.315 | 0.0 | 0.003 | 1.291 | 0.328 | 1043.384 | 1071.416 | 0.0 | -91.1 | -90.114 | 0.0 |
| 93 | 1541 | 1542 | SN | 3 | 48.79 | 49.395 | 0.0 | 0.003 | 1.291 | 0.329 | 1040.296 | 1071.328 | 0.0 | -91.25 | -90.091 | 0.0 |
| 94 | 1541 | 1542 | SN | 2 | 48.79 | 49.395 | 0.0 | 0.003 | 1.291 | 0.329 | 1040.296 | 1071.328 | 0.0 | -91.25 | -90.091 | 0.0 |
| 95 | 1541 | 1542 | SN | 1 | 48.79 | 49.395 | 0.0 | 0.003 | 1.291 | 0.372 | 1040.296 | 1071.328 | 0.0 | -91.25 | -90.091 | 0.0 |
| 96 | 1542 | 1543 | NS | 3 | 48.805 | 49.294 | 0.0 | 0.003 | 1.291 | 0.322 | 1042.392 | 1071.408 | 0.0 | -91.377 | -90.124 | 0.0 |
| 97 | 1542 | 1543 | SN | 6 | 48.78 | 49.408 | 0.0 | 0.003 | 342.018 | 0.332 | 1041.16 | 1071.936 | 0.0 | -91.211 | -90.102 | 0.0 |
| 98 | 1542 | 1543 | SN | 4 | 48.78 | 49.408 | 0.0 | 0.003 | 342.018 | 0.332 | 1041.16 | 1071.936 | 0.0 | -91.211 | -90.102 | 0.0 |
| 99 | 1542 | 1543 | NS | 1 | 48.805 | 49.294 | 0.0 | 0.003 | 241.083 | 0.369 | 1042.392 | 1071.408 | 0.0 | -91.377 | -90.124 | 0.0 |
| 100 | 1542 | 1543 | SN | 2 | 48.78 | 49.408 | 0.0 | 0.003 | 342.018 | 0.381 | 1041.16 | 1071.936 | 0.0 | -91.211 | -90.102 | 0.0 |
| 101 | 1542 | 1543 | NS | 5 | 48.805 | 49.294 | 0.0 | 0.003 | 1.291 | 0.322 | 1042.392 | 1071.408 | 0.0 | -91.377 | -90.124 | 0.0 |
| 102 | 1543 | 1544 | NS | 2 | 48.813 | 49.298 | 0.0 | 0.003 | 1.291 | 0.329 | 1043.08 | 1071.448 | 0.0 | -91.211 | -90.085 | 0.0 |
| 103 | 1543 | 1544 | SN | 2 | 48.768 | 49.425 | 0.0 | 0.003 | 1.291 | 0.322 | 1041.288 | 1072.656 | 0.0 | -91.648 | -90.111 | 0.0 |
| 104 | 1543 | 1544 | SN | 3 | 48.768 | 49.425 | 0.0 | 0.003 | 1.291 | 0.322 | 1041.288 | 1072.656 | 0.0 | -91.648 | -90.111 | 0.0 |
| 105 | 1543 | 1544 | SN | 1 | 48.768 | 49.425 | 0.0 | 0.003 | 1.291 | 0.369 | 1041.288 | 1072.656 | 0.0 | -91.648 | -90.111 | 0.0 |
| 106 | 1543 | 1544 | NS | 1 | 48.813 | 49.298 | 0.0 | 0.003 | 248.627 | 0.376 | 1043.08 | 1071.448 | 0.0 | -91.211 | -90.085 | 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 |

| | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 1543 | 1544 | NS | 3 | 48.813 | 49.298 | 0.0 | 0.003 | 1.291 | 0.329 | 1043.08 | 1071.448 | 0.0 | -91.211 | -90.085 | 0.0 |
| 108 | 1544 | 1545 | SN | 1 | 48.769 | 49.428 | 0.0 | 0.003 | 1.291 | 0.363 | 1041.416 | 1073.016 | 0.0 | -91.198 | -90.115 | 0.0 |
| 109 | 1544 | 1545 | SN | 3 | 48.769 | 49.428 | 0.0 | 0.003 | 1.291 | 0.317 | 1041.416 | 1073.016 | 0.0 | -91.198 | -90.115 | 0.0 |
| 110 | 1544 | 1545 | SN | 2 | 48.769 | 49.428 | 0.0 | 0.003 | 1.291 | 0.317 | 1041.416 | 1073.016 | 0.0 | -91.198 | -90.115 | 0.0 |
| 111 | 1545 | 1546 | NS | 2 | 48.799 | 49.332 | 0.0 | 0.003 | 1.291 | 0.329 | 1042.288 | 1071.712 | 0.0 | -91.258 | -90.129 | 0.0 |
| 112 | 1545 | 1546 | NS | 3 | 48.799 | 49.332 | 0.0 | 0.003 | 1.291 | 0.329 | 1042.288 | 1071.712 | 0.0 | -91.258 | -90.129 | 0.0 |
| 113 | 1545 | 1546 | NS | 1 | 48.799 | 49.332 | 0.0 | 0.003 | 1.291 | 0.377 | 1042.288 | 1071.712 | 0.0 | -91.258 | -90.129 | 0.0 |
| 114 | 1546 | 1547 | NS | 3 | 48.795 | 49.314 | 0.0 | 0.003 | 1.291 | 0.325 | 1042.736 | 1071.568 | 0.0 | -91.194 | -90.13 | 0.0 |
| 115 | 1546 | 1547 | SN | 2 | 48.732 | 49.466 | 0.0 | 0.003 | 1.291 | 0.325 | 1041.656 | 1073.752 | 0.0 | -91.64 | -90.083 | 0.0 |
| 116 | 1546 | 1547 | NS | 1 | 48.795 | 49.314 | 0.0 | 0.003 | 1.291 | 0.371 | 1042.736 | 1071.568 | 0.0 | -91.194 | -90.13 | 0.0 |
| 117 | 1546 | 1547 | SN | 3 | 48.732 | 49.466 | 0.0 | 0.003 | 1.291 | 0.325 | 1041.656 | 1073.752 | 0.0 | -91.64 | -90.083 | 0.0 |
| 118 | 1546 | 1547 | SN | 1 | 48.732 | 49.466 | 0.0 | 0.003 | 1.291 | 0.371 | 1041.656 | 1073.752 | 0.0 | -91.64 | -90.083 | 0.0 |
| 119 | 1546 | 1547 | NS | 2 | 48.795 | 49.314 | 0.0 | 0.003 | 1.291 | 0.325 | 1042.736 | 1071.568 | 0.0 | -91.194 | -90.13 | 0.0 |
| 120 | 1547 | 1548 | SN | 1 | 48.728 | 49.469 | 0.0 | 0.003 | 342.217 | 0.37 | 1041.592 | 1073.904 | 0.0 | -91.14 | -90.117 | 0.0 |
| 121 | 1547 | 1548 | NS | 2 | 48.807 | 49.331 | 0.0 | 0.003 | 1.291 | 0.323 | 1042.392 | 1071.408 | 0.0 | -91.442 | -90.127 | 0.0 |
| 122 | 1547 | 1548 | SN | 2 | 48.728 | 49.469 | 0.0 | 0.003 | 342.217 | 0.324 | 1041.592 | 1073.904 | 0.0 | -91.14 | -90.117 | 0.0 |
| 123 | 1547 | 1548 | NS | 1 | 48.807 | 49.331 | 0.0 | 0.003 | 1.291 | 0.37 | 1042.392 | 1071.408 | 0.0 | -91.442 | -90.127 | 0.0 |
| 124 | 1547 | 1548 | SN | 3 | 48.728 | 49.469 | 0.0 | 0.003 | 342.217 | 0.324 | 1041.592 | 1073.904 | 0.0 | -91.14 | -90.117 | 0.0 |
| 125 | 1547 | 1548 | NS | 3 | 48.807 | 49.331 | 0.0 | 0.003 | 1.291 | 0.323 | 1042.392 | 1071.408 | 0.0 | -91.442 | -90.127 | 0.0 |
| 126 | 1548 | 1549 | NS | 2 | 48.814 | 49.342 | 0.0 | 0.003 | 1.291 | 0.324 | 1042.288 | 1071.392 | 0.0 | -91.546 | -90.125 | 0.0 |
| 127 | 1548 | 1549 | NS | 3 | 48.814 | 49.342 | 0.0 | 0.003 | 1.291 | 0.324 | 1042.288 | 1071.392 | 0.0 | -91.546 | -90.125 | 0.0 |
| 128 | 1548 | 1549 | NS | 1 | 48.814 | 49.342 | 0.0 | 0.003 | 1.291 | 0.37 | 1042.288 | 1071.392 | 0.0 | -91.546 | -90.125 | 0.0 |
| 129 | 1548 | 1549 | SN | 3 | 48.713 | 49.487 | 0.0 | 0.003 | 1.291 | 0.319 | 1041.368 | 1074.272 | 0.0 | -91.191 | -90.122 | 0.0 |
| 130 | 1548 | 1549 | SN | 1 | 48.713 | 49.487 | 0.0 | 0.003 | 1.291 | 0.366 | 1041.368 | 1074.272 | 0.0 | -91.191 | -90.122 | 0.0 |
| 131 | 1548 | 1549 | SN | 2 | 48.713 | 49.487 | 0.0 | 0.003 | 1.291 | 0.319 | 1041.368 | 1074.272 | 0.0 | -91.191 | -90.122 | 0.0 |
| 132 | 1549 | 1550 | NS | 1 | 48.798 | 49.325 | 0.0 | 0.003 | 1.291 | 0.371 | 1041.824 | 1071.448 | 0.0 | -91.572 | -90.125 | 0.0 |
| 133 | 1549 | 1550 | NS | 3 | 48.798 | 49.325 | 0.0 | 0.003 | 1.291 | 0.324 | 1041.824 | 1071.448 | 0.0 | -91.572 | -90.125 | 0.0 |
| 134 | 1549 | 1550 | NS | 2 | 48.798 | 49.325 | 0.0 | 0.003 | 1.291 | 0.324 | 1041.824 | 1071.448 | 0.0 | -91.572 | -90.125 | 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 | 1520 | 1521 | SN | 1 | -34.895 | 22.596 | 0.038 | -34.724 | 23.861 | 0.351 | 6.445 | 28.604 | 17.324 | 9.623 | 29.29 | 16.399 | 0.103 | 260.754 | 1.671 | 0.103 | 260.947 | 1.476 | 0.103 | 0.118 | 0.0 | 0.103 | 0.11 | 0.0 |
| 2 | 1521 | 1522 | NS | 1 | -32.795 | 23.232 | 0.068 | -34.898 | 22.119 | 0.005 | 6.485 | 31.943 | 12.757 | 7.254 | 33.723 | 21.21 | 0.103 | 160.76 | 1.962 | 0.103 | 260.982 | 1.786 | 0.102 | 0.118 | 0.0 | 0.102 | 0.115 | 0.0 |
| 3 | 1521 | 1522 | SN | 1 | -33.882 | 23.174 | 0.188 | -34.419 | 23.68 | 0.552 | -7.334 | 32.919 | 10.521 | -7.252 | 27.863 | 12.186 | 0.103 | 206.485 | 2.388 | 0.103 | 233.64 | 1.712 | 0.102 | 0.541 | 0.0 | 0.103 | 0.532 | 0.0 |
| 4 | 1522 | 1523 | SN | 1 | -34.27 | 24.007 | 0.266 | -34.334 | 24.508 | 0.43 | 6.069 | 27.548 | 8.694 | 7.229 | 27.473 | 4.84 | 0.103 | 225.836 | 4.265 | 0.103 | 229.107 | 3.862 | 0.103 | 0.119 | 0.0 | 0.103 | 0.115 | 0.0 |
| 5 | 1522 | 1523 | NS | 1 | -34.649 | 24.994 | 0.038 | -34.991 | 24.78 | 0.042 | -4.842 | 30.199 | 6.002 | -1.211 | 29.147 | 14.005 | 0.103 | 246.447 | 3.245 | 0.103 | 266.569 | 3.227 | 0.103 | 0.344 | 0.0 | 0.103 | 0.202 | 0.0 |
| 6 | 1523 | 1524 | NS | 1 | -34.806 | 24.126 | 0.028 | -34.721 | 24.89 | 0.08 | -2.054 | 28.699 | 6.976 | -11.618 | 28.536 | 12.661 | 0.103 | 255.436 | 5.269 | 0.103 | 250.484 | 6.154 | 0.103 | 0.225 | 0.0 | 0.103 | 1.307 | 0.002 |
| 7 | 1523 | 1524 | SN | 2 | -34.75 | 23.485 | 0.06 | -34.796 | 24.738 | 0.127 | 7.42 | 32.518 | 13.062 | 7.95 | 27.045 | 7.878 | 0.103 | 252.217 | 3.621 | 0.103 | 254.868 | 2.71 | 0.102 | 0.115 | 0.0 | 0.103 | 0.113 | 0.0 |
| 8 | 1523 | 1524 | NS | 1 | -34.806 | 24.126 | 0.028 | -34.721 | 24.89 | 0.08 | -2.054 | 28.699 | 6.993 | -11.618 | 28.536 | 12.688 | 0.103 | 255.436 | 5.269 | 0.103 | 250.484 | 6.154 | 0.103 | 0.225 | 0.0 | 0.103 | 1.307 | 0.002 |
| 9 | 1523 | 1524 | SN | 4 | -34.75 | 23.485 | 0.06 | -34.796 | 24.738 | 0.127 | 7.42 | 32.518 | 13.062 | 7.95 | 27.045 | 7.878 | 0.103 | 252.217 | 3.621 | 0.103 | 254.868 | 2.71 | 0.102 | 0.115 | 0.0 | 0.103 | 0.113 | 0.0 |
| 10 | 1523 | 1524 | NS | 3 | -34.806 | 24.126 | 0.028 | -34.721 | 24.89 | 0.08 | -2.054 | 28.699 | 6.993 | -11.618 | 28.536 | 12.688 | 0.103 | 255.436 | 5.269 | 0.103 | 250.484 | 6.154 | 0.103 | 0.225 | 0.0 | 0.103 | 1.307 | 0.002 |
| 11 | 1523 | 1524 | SN | 2 | -34.75 | 23.485 | 0.06 | -34.796 | 24.738 | 0.126 | 7.42 | 32.518 | 13.061 | 7.95 | 27.045 | 7.878 | 0.103 | 252.217 | 3.62 | 0.103 | 254.868 | 2.707 | 0.102 | 0.115 | 0.0 | 0.103 | 0.113 | 0.0 |
| 12 | 1524 | 1525 | SN | 1 | -34.103 | 23.699 | 0.071 | -34.993 | 23.917 | 0.135 | 6.411 | 26.751 | 11.656 | 7.079 | 26.788 | 7.277 | 0.103 | 217.274 | 2.378 | 0.103 | 266.644 | 2.334 | 0.103 | 0.118 | 0.0 | 0.103 | 0.116 | 0.0 |
| 13 | 1524 | 1525 | NS | 1 | -34.425 | 23.626 | 0.014 | -34.841 | 23.012 | 0.018 | -4.138 | 29.024 | 6.131 | -7.543 | 36.383 | 10.957 | 0.103 | 234.003 | 3.842 | 0.103 | 257.539 | 4.364 | 0.103 | 0.306 | 0.0 | 0.102 | 0.563 | 0.0 |
| 14 | 1524 | 1525 | SN | 1 | -34.103 | 23.699 | 0.071 | -34.993 | 23.917 | 0.135 | 6.411 | 26.667 | 9.83 | 7.079 | 26.788 | 7.147 | 0.103 | 217.274 | 2.386 | 0.103 | 266.644 | 2.338 | 0.103 | 0.118 | 0.0 | 0.103 | 0.116 | 0.0 |
| 15 | 1524 | 1525 | NS | 2 | -34.704 | 23.672 | 0.014 | -34.594 | 23.012 | 0.018 | -4.113 | 29.024 | 6.146 | -7.521 | 36.383 | 10.953 | 0.103 | 249.506 | 3.851 | 0.103 | 243.232 | 4.353 | 0.103 | 0.305 | 0.0 | 0.102 | 0.561 | 0.0 |
| 16 | 1525 | 1526 | NS | 1 | -34.003 | 22.686 | 0.017 | -34.323 | 23.029 | 0.035 | -5.252 | 27.325 | 5.103 | -7.767 | 28.532 | 10.889 | 0.103 | 212.302 | 2.207 | 0.103 | 228.56 | 2.704 | 0.103 | 0.369 | 0.0 | 0.103 | 0.588 | 0.0 |
| 17 | 1525 | 1526 | SN | 2 | -34.95 | 22.582 | 0.006 | -34.144 | 22.848 | 0.01 | 4.895 | 27.826 | 15.341 | 6.14 | 28.471 | 17.854 | 0.103 | 264.039 | 3.422 | 0.103 | 219.364 | 2.967 | 0.103 | 0.125 | 0.0 | 0.103 | 0.119 | 0.0 |
| 18 | 1525 | 1526 | NS | 3 | -34.195 | 22.69 | 0.017 | -34.915 | 23.029 | 0.035 | -5.252 | 27.342 | 5.122 | -7.767 | 28.532 | 10.896 | 0.103 | 221.885 | 2.209 | 0.103 | 262.015 | 2.702 | 0.103 | 0.369 | 0.0 | 0.103 | 0.589 | 0.0 |
| 19 | 1525 | 1526 | SN | 1 | -34.95 | 22.582 | 0.006 | -34.144 | 22.848 | 0.01 | 4.895 | 27.826 | 15.474 | 6.14 | 28.471 | 17.854 | 0.103 | 264.039 | 3.421 | 0.103 | 219.364 | 2.964 | 0.103 | 0.125 | 0.0 | 0.103 | 0.119 | 0.0 |
| 20 | 1526 | 1527 | NS | 1 | -34.269 | 22.777 | 0.019 | -34.796 | 23.219 | 0.026 | -3.671 | 29.369 | 5.025 | -3.587 | 29.794 | 8.172 | 0.103 | 225.72 | 3.7 | 0.103 | 254.898 | 3.339 | 0.103 | 0.284 | 0.0 | 0.103 | 0.28 | 0.0 |
| 21 | 1526 | 1527 | SN | 2 | -34.9 | 21.355 | 0.0 | -34.965 | 22.412 | 0.005 | 6.259 | 27.662 | 14.115 | 6.459 | 28.111 | 13.187 | 0.103 | 261.02 | 3.181 | 0.103 | 265.007 | 2.707 | 0.103 | 0.119 | 0.0 | 0.103 | 0.118 | 0.0 |
| 22 | 1526 | 1527 | NS | 2 | -34.269 | 22.777 | 0.019 | -34.796 | 23.219 | 0.026 | -3.671 | 29.369 | 5.025 | -3.587 | 29.794 | 8.172 | 0.103 | 225.72 | 3.7 | 0.103 | 254.898 | 3.341 | 0.103 | 0.284 | 0.0 | 0.103 | 0.28 | 0.0 |
| 23 | 1526 | 1527 | SN | 3 | -34.9 | 21.355 | 0.0 | -34.965 | 22.412 | 0.005 | 6.259 | 27.662 | 14.115 | 6.459 | 28.111 | 13.187 | 0.103 | 261.02 | 3.181 | 0.103 | 265.007 | 2.707 | 0.103 | 0.119 | 0.0 | 0.103 | 0.118 | 0.0 |
| 24 | 1526 | 1527 | SN | 1 | -34.9 | 21.355 | 0.0 | -34.965 | 22.412 | 0.005 | 6.259 | 27.662 | 14.115 | 6.459 | 28.111 | 13.187 | 0.103 | 261.02 | 3.181 | 0.103 | 265.007 | 2.707 | 0.103 | 0.119 | 0.0 | 0.103 | 0.118 | 0.0 |
| 25 | 1527 | 1528 | NS | 2 | -34.36 | 24.028 | 0.08 | -34.605 | 24.95 | 0.128 | 7.294 | 28.046 | 14.657 | 6.892 | 28.445 | 22.308 | 0.103 | 230.564 | 2.545 | 0.103 | 243.86 | 2.938 | 0.103 | 0.115 | 0.0 | 0.103 | 0.116 | 0.0 |
| 26 | 1527 | 1528 | NS | 1 | -34.36 | 24.028 | 0.08 | -34.605 | 24.95 | 0.128 | 7.294 | 28.046 | 14.657 | 6.892 | 28.445 | 22.308 | 0.103 | 230.564 | 2.545 | 0.103 | 243.86 | 2.938 | 0.103 | 0.115 | 0.0 | 0.103 | 0.116 | 0.0 |
| 27 | 1527 | 1528 | SN | 1 | -34.19 | 21.743 | 0.0 | -34.939 | 22.953 | 0.036 | 6.58 | 32.603 | 10.243 | 9.369 | 32.588 | 9.507 | 0.103 | 221.667 | 3.097 | 0.103 | 263.397 | 2.716 | 0.102 | 0.118 | 0.0 | 0.102 | 0.11 | 0.0 |
| 28 | 1527 | 1528 | SN | 2 | -34.19 | 21.743 | 0.0 | -34.939 | 22.953 | 0.036 | 6.58 | 32.603 | 10.243 | 9.369 | 32.588 | 9.507 | 0.103 | 221.667 | 3.097 | 0.103 | 263.397 | 2.716 | 0.102 | 0.118 | 0.0 | 0.102 | 0.11 | 0.0 |
| 29 | 1527 | 1528 | NS | 3 | -34.36 | 24.028 | 0.08 | -34.605 | 24.95 | 0.128 | 7.294 | 28.046 | 14.657 | 6.892 | 28.445 | 22.308 | 0.103 | 230.564 | 2.545 | 0.103 | 243.86 | 2.938 | 0.103 | 0.115 | 0.0 | 0.103 | 0.116 | 0.0 |
| 30 | 1528 | 1529 | NS | 2 | -31.162 | 24.72 | 0.316 | -31.823 | 25.419 | 0.487 | 6.027 | 29.26 | 11.404 | 7.565 | 29.324 | 17.57 | 0.103 | 110.438 | 0.308 | 0.103 | 128.565 | 0.385 | 0.103 | 0.12 | 0.0 | 0.103 | 0.114 | 0.0 |
| 31 | 1528 | 1529 | NS | 1 | -31.162 | 24.72 | 0.316 | -31.823 | 25.419 | 0.487 | 6.027 | 29.26 | 11.404 | 7.565 | 29.324 | 17.57 | 0.103 | 110.438 | 0.308 | 0.103 | 128.565 | 0.385 | 0.103 | 0.12 | 0.0 | 0.103 | 0.114 | 0.0 |
| 32 | 1528 | 1529 | SN | 2 | -34.895 | 23.083 | 0.024 | -33.231 | 24.195 | 0.074 | -3.694 | 33.932 | 12.511 | -0.687 | 35.976 | 11.753 | 0.103 | 260.746 | 4.515 | 0.103 | 177.783 | 3.874 | 0.102 | 0.285 | 0.0 | 0.102 | 0.19 | 0.0 |
| 33 | 1528 | 1529 | SN | 1 | -34.895 | 23.083 | 0.024 | -33.231 | 24.195 | 0.074 | -3.694 | 33.932 | 12.511 | -0.687 | 35.976 | 11.753 | 0.103 | 260.746 | 4.515 | 0.103 | 177.783 | 3.874 | 0.102 | 0.285 | 0.0 | 0.102 | 0.19 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 34 | 1529 | 1530 | SN | 2 | -34.962 | 23.81 | 0.038 | -34.352 | 25.413 | 0.257 | -26.316 | 28.281 | 16.419 | -1.898 | 29.497 | 14.109 | 0.103 | 264.794 | 3.035 | 0.103 | 230.16 | 2.348 | 0.103 | 36.238 | 0.005 | 0.103 | 0.22 | 0.0 |
| 35 | 1529 | 1530 | NS | 1 | -34.171 | 24.443 | 0.145 | -34.857 | 24.591 | 0.211 | 5.681 | 28.826 | 21.518 | 3.637 | 29.84 | 35.562 | 0.103 | 220.758 | 3.397 | 0.103 | 258.412 | 3.607 | 0.103 | 0.121 | 0.0 | 0.103 | 0.133 | 0.0 |
| 36 | 1529 | 1530 | NS | 2 | -34.171 | 24.443 | 0.145 | -34.857 | 24.591 | 0.211 | 5.681 | 28.826 | 21.518 | 3.637 | 29.84 | 35.562 | 0.103 | 220.758 | 3.397 | 0.103 | 258.412 | 3.607 | 0.103 | 0.121 | 0.0 | 0.103 | 0.133 | 0.0 |
| 37 | 1529 | 1530 | SN | 1 | -34.962 | 23.81 | 0.038 | -34.352 | 25.413 | 0.257 | -26.316 | 28.281 | 16.419 | -1.898 | 29.497 | 14.109 | 0.103 | 264.794 | 3.035 | 0.103 | 230.16 | 2.348 | 0.103 | 36.238 | 0.005 | 0.103 | 0.22 | 0.0 |
| 38 | 1530 | 1531 | SN | 2 | -34.996 | 22.354 | 0.002 | -34.915 | 25.405 | 0.197 | -2.404 | 28.623 | 15.362 | 0.246 | 29.458 | 14.99 | 0.103 | 266.886 | 5.699 | 0.103 | 261.955 | 5.03 | 0.103 | 0.236 | 0.0 | 0.103 | 0.172 | 0.0 |
| 39 | 1530 | 1531 | NS | 2 | -33.621 | 24.488 | 0.121 | -34.88 | 23.21 | 0.051 | -4.602 | 32.111 | 12.307 | -10.867 | 29.992 | 20.195 | 0.103 | 194.46 | 3.871 | 0.103 | 259.809 | 3.802 | 0.102 | 0.33 | 0.0 | 0.103 | 1.113 | 0.002 |
| 40 | 1530 | 1531 | SN | 1 | -34.996 | 22.354 | 0.002 | -34.915 | 25.405 | 0.197 | -2.404 | 28.623 | 15.362 | 0.246 | 29.458 | 14.99 | 0.103 | 266.886 | 5.699 | 0.103 | 261.955 | 5.03 | 0.103 | 0.236 | 0.0 | 0.103 | 0.172 | 0.0 |
| 41 | 1530 | 1531 | NS | 1 | -33.621 | 24.488 | 0.121 | -34.88 | 23.21 | 0.051 | -4.602 | 32.111 | 12.307 | -10.867 | 29.992 | 20.195 | 0.103 | 194.46 | 3.871 | 0.103 | 259.809 | 3.802 | 0.102 | 0.33 | 0.0 | 0.103 | 1.113 | 0.002 |
| 42 | 1531 | 1532 | SN | 2 | -34.917 | 22.768 | 0.027 | -34.374 | 25.379 | 0.435 | -0.306 | 28.877 | 13.17 | 0.435 | 29.485 | 11.48 | 0.103 | 262.059 | 5.112 | 0.103 | 231.263 | 4.037 | 0.103 | 0.182 | 0.0 | 0.103 | 0.169 | 0.0 |
| 43 | 1531 | 1532 | NS | 1 | -34.98 | 24.604 | 0.196 | -34.233 | 24.017 | 0.294 | 3.79 | 30.574 | 18.067 | 5.884 | 33.395 | 25.713 | 0.103 | 265.917 | 4.118 | 0.103 | 223.928 | 3.83 | 0.103 | 0.132 | 0.0 | 0.102 | 0.12 | 0.0 |
| 44 | 1531 | 1532 | SN | 1 | -34.917 | 22.768 | 0.027 | -34.374 | 25.379 | 0.435 | -0.306 | 28.877 | 13.17 | 0.435 | 29.485 | 11.48 | 0.103 | 262.059 | 5.112 | 0.103 | 231.263 | 4.037 | 0.103 | 0.182 | 0.0 | 0.103 | 0.169 | 0.0 |
| 45 | 1531 | 1532 | NS | 2 | -34.98 | 24.604 | 0.196 | -34.233 | 24.017 | 0.294 | 3.79 | 30.574 | 18.067 | 5.884 | 33.395 | 25.713 | 0.103 | 265.917 | 4.118 | 0.103 | 223.928 | 3.83 | 0.103 | 0.132 | 0.0 | 0.102 | 0.12 | 0.0 |
| 46 | 1532 | 1533 | NS | 2 | -34.988 | 24.37 | 0.129 | -34.734 | 23.895 | 0.226 | 12.627 | 28.436 | 28.653 | 12.91 | 29.218 | 38.093 | 0.103 | 266.429 | 4.054 | 0.103 | 251.311 | 3.758 | 0.103 | 0.106 | 0.0 | 0.103 | 0.106 | 0.0 |
| 47 | 1532 | 1533 | SN | 3 | -34.71 | 24.724 | 0.085 | -34.424 | 25.086 | 0.816 | -6.177 | 29.891 | 13.413 | -3.415 | 30.52 | 13.373 | 0.103 | 249.886 | 3.167 | 0.103 | 243.539 | 3.017 | 0.103 | 0.435 | 0.0 | 0.103 | 0.273 | 0.0 |
| 48 | 1532 | 1533 | SN | 1 | -34.71 | 24.724 | 0.085 | -34.424 | 25.086 | 0.816 | -6.177 | 29.891 | 13.413 | -3.415 | 30.52 | 13.373 | 0.103 | 249.886 | 3.167 | 0.103 | 243.539 | 3.017 | 0.103 | 0.435 | 0.0 | 0.103 | 0.273 | 0.0 |
| 49 | 1532 | 1533 | NS | 4 | -34.988 | 24.37 | 0.129 | -34.734 | 23.895 | 0.226 | 12.627 | 28.436 | 28.653 | 12.91 | 29.218 | 38.093 | 0.103 | 266.429 | 4.054 | 0.103 | 251.311 | 3.758 | 0.103 | 0.106 | 0.0 | 0.103 | 0.106 | 0.0 |
| 50 | 1533 | 1534 | NS | 1 | -34.12 | 24.157 | 0.147 | -34.945 | 23.793 | 0.145 | 8.71 | 28.641 | 26.411 | 8.945 | 28.914 | 33.705 | 0.103 | 218.167 | 4.5 | 0.103 | 263.77 | 3.992 | 0.103 | 0.112 | 0.0 | 0.103 | 0.111 | 0.0 |
| 51 | 1533 | 1534 | SN | 1 | -34.55 | 23.92 | 0.045 | -34.773 | 24.661 | 0.448 | -7.431 | 29.458 | 30.458 | -5.914 | 29.93 | 34.442 | 0.103 | 240.852 | 3.808 | 0.103 | 253.516 | 3.137 | 0.103 | 0.551 | 0.0 | 0.103 | 0.415 | 0.0 |
| 52 | 1533 | 1534 | NS | 2 | -34.12 | 24.157 | 0.147 | -34.945 | 23.793 | 0.145 | 8.71 | 28.641 | 26.411 | 8.945 | 28.914 | 33.705 | 0.103 | 218.167 | 4.5 | 0.103 | 263.77 | 3.992 | 0.103 | 0.112 | 0.0 | 0.103 | 0.111 | 0.0 |
| 53 | 1533 | 1534 | SN | 2 | -34.55 | 23.92 | 0.045 | -34.773 | 24.661 | 0.448 | -7.431 | 29.458 | 30.458 | -5.914 | 29.93 | 34.442 | 0.103 | 240.852 | 3.808 | 0.103 | 253.516 | 3.137 | 0.103 | 0.551 | 0.0 | 0.103 | 0.415 | 0.0 |
| 54 | 1534 | 1535 | SN | 2 | -33.556 | 24.095 | 0.075 | -34.671 | 24.133 | 0.396 | 6.957 | 29.22 | 33.128 | 7.748 | 29.604 | 37.987 | 0.103 | 191.591 | 2.312 | 0.103 | 247.627 | 1.951 | 0.103 | 0.116 | 0.0 | 0.103 | 0.114 | 0.0 |
| 55 | 1534 | 1535 | NS | 1 | -33.495 | 24.78 | 0.35 | -34.951 | 25.376 | 0.351 | 8.105 | 28.798 | 20.29 | 8.233 | 29.324 | 28.977 | 0.103 | 188.919 | 2.386 | 0.103 | 264.156 | 2.022 | 0.103 | 0.113 | 0.0 | 0.103 | 0.113 | 0.0 |
| 56 | 1534 | 1535 | SN | 1 | -33.556 | 24.095 | 0.075 | -34.671 | 24.133 | 0.396 | 6.957 | 29.22 | 33.128 | 7.748 | 29.604 | 37.987 | 0.103 | 191.591 | 2.312 | 0.103 | 247.627 | 1.951 | 0.103 | 0.116 | 0.0 | 0.103 | 0.114 | 0.0 |
| 57 | 1534 | 1535 | NS | 2 | -33.495 | 24.78 | 0.35 | -34.951 | 25.376 | 0.351 | 8.105 | 28.798 | 20.29 | 8.233 | 29.324 | 28.977 | 0.103 | 188.919 | 2.386 | 0.103 | 264.156 | 2.022 | 0.103 | 0.113 | 0.0 | 0.103 | 0.113 | 0.0 |
| 58 | 1535 | 1536 | NS | 2 | -34.821 | 24.646 | 0.218 | -34.906 | 24.755 | 0.187 | 6.877 | 29.296 | 11.91 | 6.298 | 30.584 | 19.647 | 0.103 | 256.334 | 1.771 | 0.103 | 261.453 | 1.686 | 0.103 | 0.116 | 0.0 | 0.103 | 0.119 | 0.0 |
| 59 | 1535 | 1536 | SN | 1 | -32.312 | 22.506 | 0.009 | -33.99 | 23.787 | 0.409 | 6.181 | 30.02 | 10.483 | 5.036 | 28.856 | 11.29 | 0.103 | 143.884 | 0.929 | 0.103 | 211.702 | 0.647 | 0.103 | 0.119 | 0.0 | 0.103 | 0.124 | 0.0 |
| 60 | 1535 | 1536 | NS | 3 | -34.821 | 24.646 | 0.218 | -34.906 | 24.755 | 0.187 | 6.877 | 29.296 | 11.91 | 6.298 | 30.584 | 19.647 | 0.103 | 256.334 | 1.771 | 0.103 | 261.453 | 1.686 | 0.103 | 0.116 | 0.0 | 0.103 | 0.119 | 0.0 |
| 61 | 1535 | 1536 | NS | 1 | -34.821 | 24.646 | 0.218 | -34.906 | 24.755 | 0.187 | 6.877 | 29.296 | 11.91 | 6.298 | 30.584 | 19.647 | 0.103 | 256.334 | 1.771 | 0.103 | 261.453 | 1.686 | 0.103 | 0.116 | 0.0 | 0.103 | 0.119 | 0.0 |
| 62 | 1535 | 1536 | SN | 3 | -32.312 | 22.506 | 0.009 | -33.99 | 23.787 | 0.409 | 6.181 | 30.02 | 10.483 | 5.036 | 28.856 | 11.29 | 0.103 | 143.884 | 0.929 | 0.103 | 211.702 | 0.647 | 0.103 | 0.119 | 0.0 | 0.103 | 0.124 | 0.0 |
| 63 | 1535 | 1536 | SN | 2 | -32.312 | 22.506 | 0.009 | -33.99 | 23.787 | 0.409 | 6.181 | 30.02 | 10.483 | 5.036 | 28.856 | 11.29 | 0.103 | 143.884 | 0.929 | 0.103 | 211.702 | 0.647 | 0.103 | 0.119 | 0.0 | 0.103 | 0.124 | 0.0 |
| 64 | 1536 | 1537 | SN | 2 | -34.778 | 23.352 | 0.163 | -34.742 | 23.592 | 0.444 | 0.587 | 28.188 | 10.602 | -2.766 | 28.696 | 8.973 | 0.103 | 253.823 | 4.155 | 0.103 | 251.754 | 4.432 | 0.103 | 0.167 | 0.0 | 0.103 | 0.248 | 0.0 |
| 65 | 1536 | 1537 | NS | 5 | -34.527 | 22.238 | 0.005 | -34.515 | 21.38 | 0.0 | 6.801 | 35.818 | 9.46 | 7.661 | 35.773 | 18.112 | 0.103 | 239.539 | 3.701 | 0.103 | 238.922 | 3.634 | 0.102 | 0.117 | 0.0 | 0.102 | 0.114 | 0.0 |
| 66 | 1536 | 1537 | SN | 4 | -34.778 | 23.352 | 0.163 | -34.742 | 23.592 | 0.444 | 0.587 | 28.188 | 10.602 | -2.766 | 28.696 | 8.973 | 0.103 | 253.823 | 4.155 | 0.103 | 251.754 | 4.432 | 0.103 | 0.167 | 0.0 | 0.103 | 0.248 | 0.0 |
| 67 | 1536 | 1537 | SN | 6 | -34.778 | 23.352 | 0.163 | -34.742 | 23.592 | 0.444 | 0.587 | 28.188 | 10.602 | -2.766 | 28.696 | 8.973 | 0.103 | 253.823 | 4.155 | 0.103 | 251.754 | 4.432 | 0.103 | 0.167 | 0.0 | 0.103 | 0.248 | 0.0 |
| 68 | 1536 | 1537 | NS | 3 | -34.527 | 22.238 | 0.005 | -34.515 | 21.38 | 0.0 | 6.801 | 35.818 | 9.46 | 7.661 | 35.773 | 18.112 | 0.103 | 239.539 | 3.701 | 0.103 | 238.922 | 3.634 | 0.102 | 0.117 | 0.0 | 0.102 | 0.114 | 0.0 |
| 69 | 1536 | 1537 | NS | 1 | -34.527 | 22.238 | 0.005 | -34.515 | 21.38 | 0.0 | 6.801 | 35.818 | 9.46 | 7.661 | 35.773 | 18.112 | 0.103 | 239.539 | 3.701 | 0.103 | 238.922 | 3.634 | 0.102 | 0.117 | 0.0 | 0.102 | 0.114 | 0.0 |
| 70 | 1537 | 1538 | SN | 1 | -34.734 | 22.837 | 0.021 | -34.9 | 23.792 | 0.033 | 5.068 | 33.269 | 8.665 | 5.299 | 32.934 | 4.3 | 0.103 | 251.264 | 5.501 | 0.103 | 261.056 | 5.427 | 0.102 | 0.124 | 0.0 | 0.102 | 0.123 | 0.0 |
| 71 | 1537 | 1538 | SN | 3 | -34.734 | 22.837 | 0.021 | -34.9 | 23.792 | 0.033 | 5.068 | 33.269 | 8.665 | 5.299 | 32.934 | 4.3 | 0.103 | 251.264 | 5.501 | 0.103 | 261.056 | 5.427 | 0.102 | 0.124 | 0.0 | 0.102 | 0.123 | 0.0 |
| 72 | 1537 | 1538 | NS | 3 | -34.868 | 24.994 | 0.069 | -34.67 | 24.636 | 0.081 | -8.627 | 27.068 | 6.162 | -6.458 | 28.759 | 12.197 | 0.103 | 259.123 | 5.195 | 0.103 | 247.542 | 5.176 | 0.103 | 0.699 | 0.0 | 0.103 | 0.458 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 73 | 1537 | 1538 | NS | 1 | -34.868 | 24.994 | 0.069 | -34.67 | 24.636 | 0.081 | -8.627 | 27.068 | 6.162 | -6.458 | 28.759 | 12.197 | 0.103 | 259.123 | 5.195 | 0.103 | 247.542 | 5.176 | 0.103 | 0.699 | 0.0 | 0.103 | 0.458 | 0.0 |
| 74 | 1537 | 1538 | SN | 2 | -34.734 | 22.837 | 0.021 | -34.9 | 23.792 | 0.033 | 5.068 | 33.269 | 8.665 | 5.299 | 32.934 | 4.3 | 0.103 | 251.264 | 5.501 | 0.103 | 261.056 | 5.427 | 0.102 | 0.124 | 0.0 | 0.102 | 0.123 | 0.0 |
| 75 | 1537 | 1538 | NS | 2 | -34.868 | 24.994 | 0.069 | -34.67 | 24.636 | 0.081 | -8.627 | 27.068 | 6.162 | -6.458 | 28.759 | 12.197 | 0.103 | 259.123 | 5.195 | 0.103 | 247.542 | 5.176 | 0.103 | 0.699 | 0.0 | 0.103 | 0.458 | 0.0 |
| 76 | 1538 | 1539 | NS | 1 | -34.903 | 24.465 | 0.018 | -34.677 | 24.047 | 0.054 | -0.615 | 27.859 | 6.982 | -0.83 | 28.864 | 13.014 | 0.103 | 261.245 | 3.639 | 0.103 | 248.039 | 3.431 | 0.103 | 0.189 | 0.0 | 0.103 | 0.193 | 0.0 |
| 77 | 1538 | 1539 | SN | 2 | -34.765 | 20.797 | 0.0 | -34.881 | 22.042 | 0.001 | 6.832 | 27.634 | 11.075 | 7.318 | 26.986 | 6.139 | 0.103 | 253.081 | 2.93 | 0.103 | 259.906 | 2.757 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 78 | 1538 | 1539 | NS | 3 | -34.903 | 24.465 | 0.018 | -34.677 | 24.047 | 0.054 | -0.615 | 27.859 | 6.982 | -0.83 | 28.864 | 13.014 | 0.103 | 261.245 | 3.639 | 0.103 | 248.039 | 3.431 | 0.103 | 0.189 | 0.0 | 0.103 | 0.193 | 0.0 |
| 79 | 1538 | 1539 | NS | 2 | -34.903 | 24.465 | 0.018 | -34.677 | 24.047 | 0.054 | -0.615 | 27.859 | 6.982 | -0.83 | 28.864 | 13.014 | 0.103 | 261.245 | 3.639 | 0.103 | 248.039 | 3.431 | 0.103 | 0.189 | 0.0 | 0.103 | 0.193 | 0.0 |
| 80 | 1538 | 1539 | SN | 1 | -34.765 | 20.797 | 0.0 | -34.881 | 22.042 | 0.001 | 6.832 | 27.634 | 11.075 | 7.318 | 26.986 | 6.139 | 0.103 | 253.081 | 2.93 | 0.103 | 259.906 | 2.757 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 81 | 1538 | 1539 | SN | 3 | -34.765 | 20.797 | 0.0 | -34.881 | 22.042 | 0.001 | 6.832 | 27.634 | 11.075 | 7.318 | 26.986 | 6.139 | 0.103 | 253.081 | 2.93 | 0.103 | 259.906 | 2.757 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 82 | 1539 | 1540 | SN | 1 | -34.943 | 21.36 | 0.0 | -34.996 | 22.333 | 0.002 | 6.601 | 27.642 | 15.393 | 7.44 | 28.184 | 14.082 | 0.103 | 263.637 | 5.91 | 0.103 | 266.864 | 5.409 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 83 | 1539 | 1540 | SN | 3 | -34.943 | 21.36 | 0.0 | -34.996 | 22.333 | 0.002 | 6.601 | 27.642 | 15.393 | 7.44 | 28.184 | 14.082 | 0.103 | 263.637 | 5.91 | 0.103 | 266.864 | 5.409 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 84 | 1539 | 1540 | NS | 1 | -31.704 | 22.727 | 0.013 | -34.003 | 23.745 | 0.046 | -24.728 | 28.583 | 3.92 | -13.762 | 28.53 | 7.488 | 0.103 | 125.118 | 1.285 | 0.103 | 212.339 | 1.367 | 0.103 | 25.164 | 0.007 | 0.103 | 2.089 | 0.003 |
| 85 | 1539 | 1540 | SN | 2 | -34.943 | 21.36 | 0.0 | -34.996 | 22.333 | 0.002 | 6.601 | 27.642 | 15.393 | 7.44 | 28.184 | 14.082 | 0.103 | 263.637 | 5.91 | 0.103 | 266.864 | 5.409 | 0.103 | 0.117 | 0.0 | 0.103 | 0.115 | 0.0 |
| 86 | 1539 | 1540 | NS | 1 | -31.704 | 22.727 | 0.013 | -34.003 | 23.745 | 0.046 | -24.728 | 28.583 | 3.913 | -13.762 | 28.53 | 7.478 | 0.103 | 125.118 | 1.285 | 0.103 | 212.339 | 1.367 | 0.103 | 25.164 | 0.007 | 0.103 | 2.089 | 0.003 |
| 87 | 1539 | 1540 | NS | 2 | -31.704 | 22.727 | 0.013 | -34.003 | 23.745 | 0.046 | -24.728 | 28.583 | 3.913 | -13.762 | 28.53 | 7.478 | 0.103 | 125.118 | 1.285 | 0.103 | 212.339 | 1.367 | 0.103 | 25.164 | 0.007 | 0.103 | 2.089 | 0.003 |
| 88 | 1540 | 1541 | NS | 1 | -34.928 | 23.114 | 0.026 | -34.038 | 22.794 | 0.014 | -5.948 | 27.206 | 5.212 | -6.321 | 27.979 | 9.471 | 0.103 | 262.746 | 2.66 | 0.103 | 214.107 | 2.113 | 0.103 | 0.417 | 0.0 | 0.103 | 0.447 | 0.0 |
| 89 | 1540 | 1541 | NS | 2 | -34.928 | 23.114 | 0.026 | -34.038 | 22.794 | 0.014 | -5.948 | 27.206 | 5.212 | -6.321 | 27.979 | 9.471 | 0.103 | 262.746 | 2.66 | 0.103 | 214.107 | 2.113 | 0.103 | 0.417 | 0.0 | 0.103 | 0.447 | 0.0 |
| 90 | 1540 | 1541 | SN | 2 | -34.864 | 21.883 | 0.0 | -34.731 | 22.699 | 0.004 | 5.286 | 28.018 | 15.217 | 5.419 | 28.382 | 17.176 | 0.103 | 258.898 | 3.552 | 0.103 | 251.073 | 3.282 | 0.103 | 0.123 | 0.0 | 0.103 | 0.122 | 0.0 |
| 91 | 1540 | 1541 | SN | 1 | -34.864 | 21.883 | 0.0 | -34.731 | 22.699 | 0.004 | 5.286 | 28.018 | 15.217 | 5.419 | 28.382 | 17.176 | 0.103 | 258.898 | 3.552 | 0.103 | 251.073 | 3.282 | 0.103 | 0.123 | 0.0 | 0.103 | 0.122 | 0.0 |
| 92 | 1540 | 1541 | NS | 3 | -34.928 | 23.114 | 0.026 | -34.038 | 22.794 | 0.014 | -5.948 | 27.206 | 5.212 | -6.321 | 27.979 | 9.471 | 0.103 | 262.746 | 2.66 | 0.103 | 214.107 | 2.113 | 0.103 | 0.417 | 0.0 | 0.103 | 0.447 | 0.0 |
| 93 | 1541 | 1542 | SN | 3 | -34.835 | 22.268 | 0.004 | -34.965 | 22.797 | 0.026 | 5.58 | 32.271 | 12.164 | 8.925 | 30.493 | 10.489 | 0.103 | 257.148 | 3.819 | 0.103 | 264.994 | 2.847 | 0.102 | 0.122 | 0.0 | 0.103 | 0.111 | 0.0 |
| 94 | 1541 | 1542 | SN | 2 | -34.835 | 22.268 | 0.004 | -34.965 | 22.797 | 0.026 | 5.58 | 32.271 | 12.164 | 8.925 | 30.493 | 10.489 | 0.103 | 257.148 | 3.819 | 0.103 | 264.994 | 2.847 | 0.102 | 0.122 | 0.0 | 0.103 | 0.111 | 0.0 |
| 95 | 1541 | 1542 | SN | 1 | -34.835 | 22.268 | 0.004 | -34.965 | 22.797 | 0.026 | 5.58 | 32.271 | 12.164 | 8.925 | 30.493 | 10.489 | 0.103 | 257.148 | 3.819 | 0.103 | 264.994 | 2.847 | 0.102 | 0.122 | 0.0 | 0.103 | 0.111 | 0.0 |
| 96 | 1542 | 1543 | NS | 3 | -33.91 | 25.648 | 0.093 | -34.962 | 24.975 | 0.185 | 7.615 | 28.264 | 11.191 | 6.543 | 28.177 | 17.407 | 0.103 | 207.875 | 2.498 | 0.103 | 264.757 | 2.014 | 0.103 | 0.114 | 0.0 | 0.103 | 0.118 | 0.0 |
| 97 | 1542 | 1543 | SN | 6 | -32.329 | 24.379 | 0.049 | -34.71 | 25.38 | 0.171 | 5.367 | 33.332 | 10.911 | 6.42 | 35.139 | 10.009 | 0.103 | 144.463 | 4.048 | 0.103 | 249.891 | 3.226 | 0.102 | 0.123 | 0.0 | 0.102 | 0.118 | 0.0 |
| 98 | 1542 | 1543 | SN | 4 | -32.329 | 24.379 | 0.049 | -34.71 | 25.38 | 0.171 | 5.367 | 33.332 | 10.911 | 6.42 | 35.139 | 10.009 | 0.103 | 144.463 | 4.048 | 0.103 | 249.891 | 3.226 | 0.102 | 0.123 | 0.0 | 0.102 | 0.118 | 0.0 |
| 99 | 1542 | 1543 | NS | 1 | -33.91 | 25.648 | 0.093 | -34.962 | 24.975 | 0.185 | 7.615 | 28.264 | 11.191 | 6.543 | 28.177 | 17.407 | 0.103 | 207.875 | 2.498 | 0.103 | 264.757 | 2.014 | 0.103 | 0.114 | 0.0 | 0.103 | 0.118 | 0.0 |
| 100 | 1542 | 1543 | SN | 2 | -32.329 | 24.379 | 0.049 | -34.71 | 25.38 | 0.171 | 5.367 | 33.332 | 10.911 | 6.42 | 35.139 | 10.009 | 0.103 | 144.463 | 4.048 | 0.103 | 249.891 | 3.226 | 0.102 | 0.123 | 0.0 | 0.102 | 0.118 | 0.0 |
| 101 | 1542 | 1543 | NS | 5 | -33.91 | 25.648 | 0.093 | -34.962 | 24.975 | 0.185 | 7.615 | 28.264 | 11.191 | 6.543 | 28.177 | 17.407 | 0.103 | 207.875 | 2.498 | 0.103 | 264.757 | 2.014 | 0.103 | 0.114 | 0.0 | 0.103 | 0.118 | 0.0 |
| 102 | 1543 | 1544 | NS | 2 | -34.029 | 24.698 | 0.084 | -34.815 | 24.881 | 0.141 | -9.863 | 28.805 | 13.84 | -4.245 | 29.819 | 23.848 | 0.103 | 213.632 | 3.108 | 0.103 | 255.955 | 3.112 | 0.103 | 0.901 | 0.0 | 0.103 | 0.311 | 0.0 |
| 103 | 1543 | 1544 | SN | 2 | -34.861 | 24.22 | 0.083 | -34.892 | 25.331 | 0.374 | -13.847 | 28.688 | 13.129 | -6.325 | 29.624 | 12.705 | 0.103 | 258.702 | 3.441 | 0.103 | 260.569 | 2.705 | 0.103 | 2.129 | 0.002 | 0.103 | 0.447 | 0.0 |
| 104 | 1543 | 1544 | SN | 3 | -34.861 | 24.22 | 0.083 | -34.892 | 25.331 | 0.374 | -13.847 | 28.688 | 13.129 | -6.325 | 29.624 | 12.705 | 0.103 | 258.702 | 3.441 | 0.103 | 260.569 | 2.705 | 0.103 | 2.129 | 0.002 | 0.103 | 0.447 | 0.0 |
| 105 | 1543 | 1544 | SN | 1 | -34.861 | 24.22 | 0.083 | -34.892 | 25.331 | 0.374 | -13.847 | 28.688 | 13.129 | -6.325 | 29.624 | 12.705 | 0.103 | 258.702 | 3.441 | 0.103 | 260.569 | 2.705 | 0.103 | 2.129 | 0.002 | 0.103 | 0.447 | 0.0 |
| 106 | 1543 | 1544 | NS | 1 | -34.029 | 24.698 | 0.084 | -34.815 | 24.881 | 0.141 | -9.863 | 28.805 | 13.84 | -4.245 | 29.819 | 23.848 | 0.103 | 213.632 | 3.108 | 0.103 | 255.955 | 3.112 | 0.103 | 0.901 | 0.0 | 0.103 | 0.311 | 0.0 |
| 107 | 1543 | 1544 | NS | 3 | -34.029 | 24.698 | 0.084 | -34.815 | 24.881 | 0.141 | -9.863 | 28.805 | 13.84 | -4.245 | 29.819 | 23.848 | 0.103 | 213.632 | 3.108 | 0.103 | 255.955 | 3.112 | 0.103 | 0.901 | 0.0 | 0.103 | 0.311 | 0.0 |
| 108 | 1544 | 1545 | SN | 1 | -34.651 | 23.686 | 0.062 | -33.338 | 25.702 | 0.335 | 2.912 | 28.901 | 15.029 | 4.196 | 30.051 | 13.464 | 0.103 | 246.509 | 2.64 | 0.103 | 182.18 | 2.171 | 0.103 | 0.139 | 0.0 | 0.103 | 0.129 | 0.0 |
| 109 | 1544 | 1545 | SN | 3 | -34.651 | 23.686 | 0.062 | -33.338 | 25.702 | 0.335 | 2.912 | 28.901 | 15.029 | 4.196 | 30.051 | 13.464 | 0.103 | 246.509 | 2.64 | 0.103 | 182.18 | 2.171 | 0.103 | 0.139 | 0.0 | 0.103 | 0.129 | 0.0 |
| 110 | 1544 | 1545 | SN | 2 | -34.651 | 23.686 | 0.062 | -33.338 | 25.702 | 0.335 | 2.912 | 28.901 | 15.029 | 4.196 | 30.051 | 13.464 | 0.103 | 246.509 | 2.64 | 0.103 | 182.18 | 2.171 | 0.103 | 0.139 | 0.0 | 0.103 | 0.129 | 0.0 |
| 111 | 1545 | 1546 | NS | 2 | -34.806 | 24.95 | 0.184 | -33.797 | 23.649 | 0.198 | 4.918 | 29.154 | 14.22 | 5.337 | 29.611 | 22.311 | 0.103 | 255.481 | 3.607 | 0.103 | 202.516 | 3.731 | 0.103 | 0.125 | 0.0 | 0.103 | 0.123 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|------|-------|--------|-------|
| 112 | 1545 | 1546 | NS | 3 | -34.806 | 24.95 | 0.184 | -33.797 | 23.649 | 0.198 | 4.918 | 29.154 | 14.22 | 5.337 | 29.611 | 22.311 | 0.103 | 255.481 | 3.607 | 0.103 | 202.516 | 3.731 | 0.103 | 0.125 | 0.0 | 0.103 | 0.123 | 0.0 |
| 113 | 1545 | 1546 | NS | 1 | -34.806 | 24.95 | 0.184 | -33.797 | 23.649 | 0.198 | 4.918 | 29.154 | 14.22 | 5.337 | 29.611 | 22.311 | 0.103 | 255.481 | 3.607 | 0.103 | 202.516 | 3.731 | 0.103 | 0.125 | 0.0 | 0.103 | 0.123 | 0.0 |
| 114 | 1546 | 1547 | NS | 3 | -34.911 | 24.417 | 0.143 | -33.447 | 23.83 | 0.242 | 9.022 | 28.491 | 22.792 | 9.002 | 29.392 | 32.155 | 0.103 | 261.659 | 3.227 | 0.103 | 186.833 | 3.257 | 0.103 | 0.111 | 0.0 | 0.103 | 0.111 | 0.0 |
| 115 | 1546 | 1547 | SN | 2 | -31.792 | 24.703 | 0.06 | -34.113 | 25.244 | 0.656 | -30.944 | 28.778 | 12.741 | -25.309 | 28.898 | 10.544 | 0.103 | 127.672 | 2.144 | 0.103 | 217.767 | 1.892 | 0.103 | 105.028 | 0.08 | 0.103 | 28.748 | 0.078 |
| 116 | 1546 | 1547 | NS | 1 | -34.911 | 24.417 | 0.143 | -33.447 | 23.83 | 0.242 | 9.022 | 28.491 | 22.792 | 9.002 | 29.392 | 32.155 | 0.103 | 261.659 | 3.227 | 0.103 | 186.833 | 3.257 | 0.103 | 0.111 | 0.0 | 0.103 | 0.111 | 0.0 |
| 117 | 1546 | 1547 | SN | 3 | -31.792 | 24.703 | 0.06 | -34.113 | 25.244 | 0.656 | -30.944 | 28.778 | 12.741 | -25.309 | 28.898 | 10.544 | 0.103 | 127.672 | 2.144 | 0.103 | 217.767 | 1.892 | 0.103 | 105.028 | 0.08 | 0.103 | 28.748 | 0.078 |
| 118 | 1546 | 1547 | SN | 1 | -31.792 | 24.703 | 0.06 | -34.113 | 25.244 | 0.656 | -30.944 | 28.778 | 12.741 | -25.309 | 28.898 | 10.544 | 0.103 | 127.672 | 2.144 | 0.103 | 217.767 | 1.892 | 0.103 | 105.028 | 0.08 | 0.103 | 28.748 | 0.078 |
| 119 | 1546 | 1547 | NS | 2 | -34.911 | 24.417 | 0.143 | -33.447 | 23.83 | 0.242 | 9.022 | 28.491 | 22.792 | 9.002 | 29.392 | 32.155 | 0.103 | 261.659 | 3.227 | 0.103 | 186.833 | 3.257 | 0.103 | 0.111 | 0.0 | 0.103 | 0.111 | 0.0 |
| 120 | 1547 | 1548 | SN | 1 | -34.784 | 25.326 | 0.11 | -34.023 | 25.042 | 0.682 | -8.873 | 29.191 | 19.903 | -10.225 | 29.791 | 19.128 | 0.103 | 254.16 | 2.004 | 0.103 | 213.303 | 1.701 | 0.103 | 0.734 | 0.0 | 0.103 | 0.972 | 0.0 |
| 121 | 1547 | 1548 | NS | 2 | -34.606 | 24.33 | 0.268 | -34.97 | 23.778 | 0.403 | 11.884 | 28.298 | 27.185 | 12.816 | 28.974 | 34.725 | 0.103 | 244.008 | 3.685 | 0.103 | 265.252 | 3.394 | 0.103 | 0.107 | 0.0 | 0.103 | 0.106 | 0.0 |
| 122 | 1547 | 1548 | SN | 2 | -34.784 | 25.326 | 0.11 | -34.023 | 25.042 | 0.682 | -8.873 | 29.191 | 19.903 | -10.225 | 29.791 | 19.128 | 0.103 | 254.16 | 2.004 | 0.103 | 213.303 | 1.701 | 0.103 | 0.734 | 0.0 | 0.103 | 0.972 | 0.0 |
| 123 | 1547 | 1548 | NS | 1 | -34.606 | 24.33 | 0.268 | -34.97 | 23.778 | 0.403 | 11.884 | 28.298 | 27.185 | 12.816 | 28.974 | 34.725 | 0.103 | 244.008 | 3.685 | 0.103 | 265.252 | 3.394 | 0.103 | 0.107 | 0.0 | 0.103 | 0.106 | 0.0 |
| 124 | 1547 | 1548 | SN | 3 | -34.784 | 25.326 | 0.11 | -34.023 | 25.042 | 0.682 | -8.873 | 29.191 | 19.903 | -10.225 | 29.791 | 19.128 | 0.103 | 254.16 | 2.004 | 0.103 | 213.303 | 1.701 | 0.103 | 0.734 | 0.0 | 0.103 | 0.972 | 0.0 |
| 125 | 1547 | 1548 | NS | 3 | -34.606 | 24.33 | 0.268 | -34.97 | 23.778 | 0.403 | 11.884 | 28.298 | 27.185 | 12.816 | 28.974 | 34.725 | 0.103 | 244.008 | 3.685 | 0.103 | 265.252 | 3.394 | 0.103 | 0.107 | 0.0 | 0.103 | 0.106 | 0.0 |
| 126 | 1548 | 1549 | NS | 2 | -34.908 | 25.351 | 0.296 | -34.762 | 25.184 | 0.346 | 7.013 | 28.371 | 29.202 | 6.781 | 28.884 | 36.946 | 0.103 | 261.501 | 4.192 | 0.103 | 252.892 | 3.948 | 0.103 | 0.116 | 0.0 | 0.103 | 0.117 | 0.0 |
| 127 | 1548 | 1549 | NS | 3 | -34.908 | 25.351 | 0.296 | -34.762 | 25.184 | 0.346 | 7.013 | 28.371 | 29.202 | 6.781 | 28.884 | 36.946 | 0.103 | 261.501 | 4.192 | 0.103 | 252.892 | 3.948 | 0.103 | 0.116 | 0.0 | 0.103 | 0.117 | 0.0 |
| 128 | 1548 | 1549 | NS | 1 | -34.908 | 25.351 | 0.296 | -34.762 | 25.184 | 0.346 | 7.013 | 28.371 | 29.202 | 6.781 | 28.884 | 36.946 | 0.103 | 261.501 | 4.192 | 0.103 | 252.892 | 3.948 | 0.103 | 0.116 | 0.0 | 0.103 | 0.117 | 0.0 |
| 129 | 1548 | 1549 | SN | 3 | -34.957 | 24.568 | 0.078 | -34.968 | 24.853 | 0.409 | 7.209 | 29.112 | 40.776 | 7.483 | 29.797 | 49.759 | 0.103 | 264.518 | 3.707 | 0.103 | 265.146 | 3.256 | 0.103 | 0.115 | 0.0 | 0.103 | 0.115 | 0.0 |
| 130 | 1548 | 1549 | SN | 1 | -34.957 | 24.568 | 0.078 | -34.968 | 24.853 | 0.409 | 7.209 | 29.112 | 40.776 | 7.483 | 29.797 | 49.759 | 0.103 | 264.518 | 3.707 | 0.103 | 265.146 | 3.256 | 0.103 | 0.115 | 0.0 | 0.103 | 0.115 | 0.0 |
| 131 | 1548 | 1549 | SN | 2 | -34.957 | 24.568 | 0.078 | -34.968 | 24.853 | 0.409 | 7.209 | 29.112 | 40.776 | 7.483 | 29.797 | 49.759 | 0.103 | 264.518 | 3.707 | 0.103 | 265.146 | 3.256 | 0.103 | 0.115 | 0.0 | 0.103 | 0.115 | 0.0 |
| 132 | 1549 | 1550 | NS | 1 | -34.967 | 25.486 | 0.314 | -34.934 | 25.657 | 0.368 | 5.436 | 28.583 | 15.405 | 5.805 | 30.738 | 23.725 | 0.103 | 265.059 | 3.265 | 0.103 | 263.119 | 3.271 | 0.103 | 0.122 | 0.0 | 0.103 | 0.121 | 0.0 |
| 133 | 1549 | 1550 | NS | 3 | -34.967 | 25.486 | 0.314 | -34.934 | 25.657 | 0.368 | 5.436 | 28.583 | 15.405 | 5.805 | 30.738 | 23.725 | 0.103 | 265.059 | 3.265 | 0.103 | 263.119 | 3.271 | 0.103 | 0.122 | 0.0 | 0.103 | 0.121 | 0.0 |
| 134 | 1549 | 1550 | NS | 2 | -34.967 | 25.486 | 0.314 | -34.934 | 25.657 | 0.368 | 5.436 | 28.583 | 15.405 | 5.805 | 30.738 | 23.725 | 0.103 | 265.059 | 3.265 | 0.103 | 263.119 | 3.271 | 0.103 | 0.122 | 0.0 | 0.103 | 0.121 | 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 | 1520 | 1521 | SN | 1 | 57.701 | 58.227 | 0.0 | 0.003 | 1.291 | 0.383 | 1222.8 | 1260.664 | 0.0 | -92.972 | -92.131 | 0.0 |
| 2 | 1521 | 1522 | NS | 1 | 57.716 | 58.235 | 0.0 | 0.003 | 1.291 | 0.39 | 1225.744 | 1260.768 | 0.0 | -92.968 | -92.137 | 0.0 |
| 3 | 1521 | 1522 | SN | 1 | 57.72 | 58.22 | 0.0 | 0.003 | 1.291 | 0.394 | 1222.768 | 1260.616 | 0.0 | -92.967 | -92.096 | 0.0 |
| 4 | 1522 | 1523 | SN | 1 | 57.696 | 58.217 | 0.0 | 0.003 | 1.291 | 0.374 | 1221.552 | 1260.68 | 0.0 | -92.959 | -92.131 | 0.0 |
| 5 | 1522 | 1523 | NS | 1 | 57.717 | 58.25 | 0.0 | 0.003 | 1.291 | 0.369 | 1225.816 | 1260.968 | 0.0 | -93.185 | -92.146 | 0.0 |
| 6 | 1523 | 1524 | NS | 1 | 57.719 | 58.246 | 0.0 | 0.003 | 1.291 | 0.365 | 1226.184 | 1261.144 | 0.0 | -93.048 | -92.137 | 0.0 |
| 7 | 1523 | 1524 | SN | 2 | 57.696 | 58.223 | 0.0 | 0.003 | 1.291 | 0.366 | 1221.744 | 1260.824 | 0.0 | -92.94 | -92.133 | 0.0 |
| 8 | 1523 | 1524 | NS | 1 | 57.719 | 58.246 | 0.0 | 0.003 | 1.291 | 0.365 | 1226.184 | 1261.144 | 0.0 | -93.048 | -92.137 | 0.0 |
| 9 | 1523 | 1524 | SN | 4 | 57.696 | 58.223 | 0.0 | 0.003 | 1.291 | 0.321 | 1221.744 | 1260.824 | 0.0 | -92.94 | -92.133 | 0.0 |
| 10 | 1523 | 1524 | NS | 3 | 57.719 | 58.246 | 0.0 | 0.003 | 1.291 | 0.32 | 1226.184 | 1261.144 | 0.0 | -93.048 | -92.137 | 0.0 |
| 11 | 1523 | 1524 | SN | 2 | 57.696 | 58.223 | 0.0 | 0.003 | 1.291 | 0.366 | 1221.744 | 1260.824 | 0.0 | -92.94 | -92.133 | 0.0 |
| 12 | 1524 | 1525 | SN | 1 | 57.686 | 58.225 | 0.0 | 0.003 | 1.291 | 0.366 | 1221.664 | 1260.728 | 0.0 | -92.948 | -92.133 | 0.0 |
| 13 | 1524 | 1525 | NS | 1 | 57.705 | 58.246 | 0.0 | 0.003 | 226.584 | 0.376 | 1226.12 | 1260.992 | 0.0 | -93.131 | -92.142 | 0.0 |
| 14 | 1524 | 1525 | SN | 1 | 57.686 | 58.225 | 0.0 | 0.003 | 1.291 | 0.322 | 1221.664 | 1260.656 | 0.0 | -92.948 | -92.133 | 0.0 |
| 15 | 1524 | 1525 | NS | 2 | 57.717 | 58.246 | 0.0 | 0.003 | 1.291 | 0.33 | 1226.528 | 1261.12 | 0.0 | -93.173 | -92.142 | 0.0 |
| 16 | 1525 | 1526 | NS | 1 | 57.719 | 58.242 | 0.0 | 0.003 | 239.235 | 0.377 | 1226.896 | 1260.872 | 0.0 | -92.978 | -92.134 | 0.0 |
| 17 | 1525 | 1526 | SN | 2 | 57.688 | 58.244 | 0.0 | 0.003 | 1.291 | 0.368 | 1222.568 | 1260.64 | 0.0 | -93.098 | -92.133 | 0.0 |
| 18 | 1525 | 1526 | NS | 3 | 57.73 | 58.24 | 0.0 | 0.003 | 1.291 | 0.33 | 1226.808 | 1261.016 | 0.0 | -93.119 | -92.134 | 0.0 |
| 19 | 1525 | 1526 | SN | 1 | 57.688 | 58.244 | 0.0 | 0.003 | 1.291 | 0.322 | 1222.568 | 1260.64 | 0.0 | -93.098 | -92.133 | 0.0 |
| 20 | 1526 | 1527 | NS | 1 | 57.712 | 58.238 | 0.0 | 0.003 | 1.291 | 0.378 | 1225.192 | 1260.84 | 0.0 | -92.95 | -92.162 | 0.0 |
| 21 | 1526 | 1527 | SN | 2 | 57.698 | 58.222 | 0.0 | 0.003 | 1.291 | 0.327 | 1222.752 | 1260.592 | 0.0 | -93.005 | -92.134 | 0.0 |
| 22 | 1526 | 1527 | NS | 2 | 57.712 | 58.238 | 0.0 | 0.003 | 1.291 | 0.332 | 1225.192 | 1260.84 | 0.0 | -92.95 | -92.162 | 0.0 |
| 23 | 1526 | 1527 | SN | 3 | 57.698 | 58.222 | 0.0 | 0.003 | 1.291 | 0.327 | 1222.752 | 1260.592 | 0.0 | -93.005 | -92.134 | 0.0 |
| 24 | 1526 | 1527 | SN | 1 | 57.698 | 58.222 | 0.0 | 0.003 | 1.291 | 0.374 | 1222.752 | 1260.592 | 0.0 | -93.005 | -92.134 | 0.0 |
| 25 | 1527 | 1528 | NS | 2 | 57.712 | 58.249 | 0.0 | 0.003 | 1.291 | 0.331 | 1225.984 | 1260.784 | 0.0 | -93.027 | -92.161 | 0.0 |
| 26 | 1527 | 1528 | NS | 1 | 57.712 | 58.249 | 0.0 | 0.003 | 254.28 | 0.378 | 1225.984 | 1260.784 | 0.0 | -93.027 | -92.161 | 0.0 |
| 27 | 1527 | 1528 | SN | 1 | 57.704 | 58.213 | 0.0 | 0.003 | 1.291 | 0.383 | 1222.312 | 1260.584 | 0.0 | -92.981 | -92.103 | 0.0 |
| 28 | 1527 | 1528 | SN | 2 | 57.704 | 58.213 | 0.0 | 0.003 | 1.291 | 0.334 | 1222.312 | 1260.584 | 0.0 | -92.981 | -92.103 | 0.0 |
| 29 | 1527 | 1528 | NS | 3 | 57.712 | 58.249 | 0.0 | 0.003 | 1.291 | 0.331 | 1225.984 | 1260.784 | 0.0 | -93.027 | -92.161 | 0.0 |
| 30 | 1528 | 1529 | NS | 2 | 57.712 | 58.246 | 0.0 | 0.003 | 1.291 | 0.327 | 1225.672 | 1260.936 | 0.0 | -93.03 | -92.143 | 0.0 |
| 31 | 1528 | 1529 | NS | 1 | 57.712 | 58.246 | 0.0 | 0.003 | 1.291 | 0.373 | 1225.672 | 1260.936 | 0.0 | -93.03 | -92.143 | 0.0 |
| 32 | 1528 | 1529 | SN | 2 | 57.701 | 58.216 | 0.0 | 0.003 | 1.291 | 0.365 | 1222.704 | 1260.632 | 0.0 | -92.983 | -92.119 | 0.0 |
| 33 | 1528 | 1529 | SN | 1 | 57.701 | 58.216 | 0.0 | 0.003 | 1.291 | 0.377 | 1222.704 | 1260.632 | 0.0 | -92.983 | -92.119 | 0.0 |
| 34 | 1529 | 1530 | SN | 2 | 57.696 | 58.215 | 0.0 | 0.003 | 1.291 | 0.322 | 1222.672 | 1261.008 | 0.0 | -92.985 | -92.124 | 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 |

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|--------|-------|----------|----------|-----|---------|---------|-----|
| 35 | 1529 | 1530 | NS | 1 | 57.716 | 58.228 | 0.0 | 0.003 | 1.291 | 0.384 | 1226.288 | 1260.936 | 0.0 | -93.254 | -92.108 | 0.0 |
| 36 | 1529 | 1530 | NS | 2 | 57.716 | 58.228 | 0.0 | 0.003 | 1.291 | 0.337 | 1226.288 | 1260.936 | 0.0 | -93.254 | -92.108 | 0.0 |
| 37 | 1529 | 1530 | SN | 1 | 57.696 | 58.215 | 0.0 | 0.003 | 1.291 | 0.369 | 1222.672 | 1261.008 | 0.0 | -92.985 | -92.124 | 0.0 |
| 38 | 1530 | 1531 | SN | 2 | 57.697 | 58.24 | 0.0 | 0.003 | 1.291 | 0.325 | 1222.6 | 1260.872 | 0.0 | -92.959 | -92.141 | 0.0 |
| 39 | 1530 | 1531 | NS | 2 | 57.715 | 58.242 | 0.0 | 0.003 | 1.291 | 0.334 | 1225.672 | 1261.04 | 0.0 | -93.194 | -92.151 | 0.0 |
| 40 | 1530 | 1531 | SN | 1 | 57.697 | 58.24 | 0.0 | 0.003 | 1.291 | 0.371 | 1222.6 | 1260.872 | 0.0 | -92.959 | -92.141 | 0.0 |
| 41 | 1530 | 1531 | NS | 1 | 57.715 | 58.242 | 0.0 | 0.003 | 1.291 | 0.38 | 1225.672 | 1261.04 | 0.0 | -93.194 | -92.151 | 0.0 |
| 42 | 1531 | 1532 | SN | 2 | 57.702 | 58.256 | 0.0 | 0.003 | 1.291 | 0.334 | 1223.192 | 1260.608 | 0.0 | -93.111 | -92.108 | 0.0 |
| 43 | 1531 | 1532 | NS | 1 | 57.698 | 58.243 | 0.0 | 0.003 | 1.291 | 0.375 | 1225.344 | 1261.008 | 0.0 | -93.072 | -92.162 | 0.0 |
| 44 | 1531 | 1532 | SN | 1 | 57.702 | 58.256 | 0.0 | 0.003 | 1.291 | 0.381 | 1223.192 | 1260.608 | 0.0 | -93.111 | -92.108 | 0.0 |
| 45 | 1531 | 1532 | NS | 2 | 57.698 | 58.243 | 0.0 | 0.003 | 1.291 | 0.329 | 1225.344 | 1261.008 | 0.0 | -93.072 | -92.162 | 0.0 |
| 46 | 1532 | 1533 | NS | 2 | 57.704 | 58.233 | 0.0 | 0.003 | 1.291 | 0.372 | 1225.576 | 1260.792 | 0.0 | -93.054 | -92.164 | 0.0 |
| 47 | 1532 | 1533 | SN | 3 | 57.702 | 58.244 | 0.0 | 0.003 | 1.291 | 0.333 | 1223.456 | 1260.624 | 0.0 | -92.973 | -92.128 | 0.0 |
| 48 | 1532 | 1533 | SN | 1 | 57.702 | 58.244 | 0.0 | 0.003 | 1.291 | 0.38 | 1223.456 | 1260.624 | 0.0 | -92.973 | -92.128 | 0.0 |
| 49 | 1532 | 1533 | NS | 4 | 57.704 | 58.233 | 0.0 | 0.003 | 1.291 | 0.326 | 1225.576 | 1260.792 | 0.0 | -93.054 | -92.164 | 0.0 |
| 50 | 1533 | 1534 | NS | 1 | 57.696 | 58.252 | 0.0 | 0.003 | 1.291 | 0.373 | 1225.352 | 1260.864 | 0.0 | -92.961 | -92.16 | 0.0 |
| 51 | 1533 | 1534 | SN | 1 | 57.696 | 58.222 | 0.0 | 0.003 | 1.291 | 0.372 | 1222.848 | 1260.6 | 0.0 | -93.105 | -92.137 | 0.0 |
| 52 | 1533 | 1534 | NS | 2 | 57.696 | 58.252 | 0.0 | 0.003 | 1.291 | 0.328 | 1225.352 | 1260.864 | 0.0 | -92.961 | -92.16 | 0.0 |
| 53 | 1533 | 1534 | SN | 2 | 57.696 | 58.222 | 0.0 | 0.003 | 1.291 | 0.326 | 1222.848 | 1260.6 | 0.0 | -93.105 | -92.137 | 0.0 |
| 54 | 1534 | 1535 | SN | 2 | 57.699 | 58.221 | 0.0 | 0.003 | 1.291 | 0.33 | 1222.616 | 1260.672 | 0.0 | -92.955 | -92.14 | 0.0 |
| 55 | 1534 | 1535 | NS | 1 | 57.722 | 58.25 | 0.0 | 0.003 | 1.291 | 0.376 | 1225.16 | 1260.912 | 0.0 | -93.081 | -92.145 | 0.0 |
| 56 | 1534 | 1535 | SN | 1 | 57.699 | 58.221 | 0.0 | 0.003 | 1.291 | 0.376 | 1222.616 | 1260.672 | 0.0 | -92.955 | -92.14 | 0.0 |
| 57 | 1534 | 1535 | NS | 2 | 57.722 | 58.25 | 0.0 | 0.003 | 1.291 | 0.33 | 1225.16 | 1260.912 | 0.0 | -93.081 | -92.145 | 0.0 |
| 58 | 1535 | 1536 | NS | 2 | 57.704 | 58.222 | 0.0 | 0.003 | 1.291 | 0.338 | 1224.984 | 1260.848 | 0.0 | -92.948 | -92.116 | 0.0 |
| 59 | 1535 | 1536 | SN | 1 | 57.703 | 58.216 | 0.0 | 0.003 | 1.291 | 0.387 | 1223.248 | 1260.664 | 0.0 | -93.009 | -92.126 | 0.0 |
| 60 | 1535 | 1536 | NS | 3 | 57.704 | 58.222 | 0.0 | 0.003 | 1.291 | 0.338 | 1224.984 | 1260.848 | 0.0 | -92.948 | -92.116 | 0.0 |
| 61 | 1535 | 1536 | NS | 1 | 57.704 | 58.222 | 0.0 | 0.003 | 1.291 | 0.385 | 1224.984 | 1260.848 | 0.0 | -92.948 | -92.116 | 0.0 |
| 62 | 1535 | 1536 | SN | 3 | 57.703 | 58.216 | 0.0 | 0.003 | 1.291 | 0.36 | 1223.248 | 1260.664 | 0.0 | -93.009 | -92.126 | 0.0 |
| 63 | 1535 | 1536 | SN | 2 | 57.703 | 58.216 | 0.0 | 0.003 | 1.291 | 0.36 | 1223.248 | 1260.664 | 0.0 | -93.009 | -92.126 | 0.0 |
| 64 | 1536 | 1537 | SN | 2 | 57.7 | 58.23 | 0.0 | 0.003 | 343.75 | 0.389 | 1223.12 | 1260.672 | 0.0 | -92.951 | -92.087 | 0.0 |
| 65 | 1536 | 1537 | NS | 5 | 57.717 | 58.242 | 0.0 | 0.003 | 1.291 | 0.332 | 1225.08 | 1260.792 | 0.0 | -92.958 | -92.14 | 0.0 |
| 66 | 1536 | 1537 | SN | 4 | 57.7 | 58.23 | 0.0 | 0.003 | 343.75 | 0.342 | 1223.12 | 1260.672 | 0.0 | -92.951 | -92.087 | 0.0 |
| 67 | 1536 | 1537 | SN | 6 | 57.7 | 58.23 | 0.0 | 0.003 | 343.75 | 0.342 | 1223.12 | 1260.672 | 0.0 | -92.951 | -92.087 | 0.0 |
| 68 | 1536 | 1537 | NS | 3 | 57.717 | 58.242 | 0.0 | 0.003 | 1.291 | 0.332 | 1225.08 | 1260.792 | 0.0 | -92.958 | -92.14 | 0.0 |
| 69 | 1536 | 1537 | NS | 1 | 57.717 | 58.242 | 0.0 | 0.003 | 1.291 | 0.379 | 1225.08 | 1260.792 | 0.0 | -92.958 | -92.14 | 0.0 |
| 70 | 1537 | 1538 | SN | 1 | 57.697 | 58.25 | 0.0 | 0.003 | 1.291 | 0.367 | 1222.352 | 1260.744 | 0.0 | -92.968 | -92.139 | 0.0 |
| 71 | 1537 | 1538 | SN | 3 | 57.697 | 58.25 | 0.0 | 0.003 | 1.291 | 0.321 | 1222.352 | 1260.744 | 0.0 | -92.968 | -92.139 | 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 | 1537 | 1538 | NS | 3 | 57.711 | 58.245 | 0.0 | 0.003 | 1.291 | 0.319 | 1225.32 | 1261.04 | 0.0 | -93.213 | -92.145 | 0.0 |
| 73 | 1537 | 1538 | NS | 1 | 57.711 | 58.245 | 0.0 | 0.003 | 1.291 | 0.363 | 1225.32 | 1261.04 | 0.0 | -93.213 | -92.145 | 0.0 |
| 74 | 1537 | 1538 | SN | 2 | 57.697 | 58.25 | 0.0 | 0.003 | 1.291 | 0.321 | 1222.352 | 1260.744 | 0.0 | -92.968 | -92.139 | 0.0 |
| 75 | 1537 | 1538 | NS | 2 | 57.711 | 58.245 | 0.0 | 0.003 | 1.291 | 0.319 | 1225.32 | 1261.04 | 0.0 | -93.213 | -92.145 | 0.0 |
| 76 | 1538 | 1539 | NS | 1 | 57.719 | 58.25 | 0.0 | 0.003 | 1.291 | 0.369 | 1225.408 | 1261.04 | 0.0 | -92.957 | -92.161 | 0.0 |
| 77 | 1538 | 1539 | SN | 2 | 57.694 | 58.271 | 0.0 | 0.003 | 1.291 | 0.321 | 1222.232 | 1260.704 | 0.0 | -93.303 | -92.138 | 0.0 |
| 78 | 1538 | 1539 | NS | 3 | 57.719 | 58.25 | 0.0 | 0.003 | 1.291 | 0.323 | 1225.408 | 1261.04 | 0.0 | -92.957 | -92.161 | 0.0 |
| 79 | 1538 | 1539 | NS | 2 | 57.719 | 58.25 | 0.0 | 0.003 | 1.291 | 0.323 | 1225.408 | 1261.04 | 0.0 | -92.957 | -92.161 | 0.0 |
| 80 | 1538 | 1539 | SN | 1 | 57.694 | 58.271 | 0.0 | 0.003 | 1.291 | 0.366 | 1222.232 | 1260.704 | 0.0 | -93.303 | -92.138 | 0.0 |
| 81 | 1538 | 1539 | SN | 3 | 57.694 | 58.271 | 0.0 | 0.003 | 1.291 | 0.321 | 1222.232 | 1260.704 | 0.0 | -93.303 | -92.138 | 0.0 |
| 82 | 1539 | 1540 | SN | 1 | 57.695 | 58.298 | 0.0 | 0.003 | 1.291 | 0.369 | 1222.864 | 1260.64 | 0.0 | -93.208 | -92.138 | 0.0 |
| 83 | 1539 | 1540 | SN | 3 | 57.695 | 58.298 | 0.0 | 0.003 | 1.291 | 0.324 | 1222.864 | 1260.64 | 0.0 | -93.208 | -92.138 | 0.0 |
| 84 | 1539 | 1540 | NS | 1 | 57.728 | 58.226 | 0.0 | 0.003 | 1.291 | 0.375 | 1225.856 | 1260.88 | 0.0 | -92.975 | -92.121 | 0.0 |
| 85 | 1539 | 1540 | SN | 2 | 57.695 | 58.298 | 0.0 | 0.003 | 1.291 | 0.324 | 1222.864 | 1260.64 | 0.0 | -93.208 | -92.138 | 0.0 |
| 86 | 1539 | 1540 | NS | 1 | 57.728 | 58.226 | 0.0 | 0.003 | 1.291 | 0.329 | 1225.856 | 1260.88 | 0.0 | -92.975 | -92.121 | 0.0 |
| 87 | 1539 | 1540 | NS | 2 | 57.728 | 58.226 | 0.0 | 0.003 | 1.291 | 0.329 | 1225.856 | 1260.88 | 0.0 | -92.975 | -92.121 | 0.0 |
| 88 | 1540 | 1541 | NS | 1 | 57.718 | 58.232 | 0.0 | 0.003 | 343.204 | 0.381 | 1225.912 | 1260.816 | 0.0 | -93.152 | -92.145 | 0.0 |
| 89 | 1540 | 1541 | NS | 2 | 57.718 | 58.232 | 0.0 | 0.003 | 1.291 | 0.334 | 1225.912 | 1260.816 | 0.0 | -93.152 | -92.145 | 0.0 |
| 90 | 1540 | 1541 | SN | 2 | 57.695 | 58.309 | 0.0 | 0.003 | 1.291 | 0.334 | 1223.328 | 1261.04 | 0.0 | -92.972 | -92.142 | 0.0 |
| 91 | 1540 | 1541 | SN | 1 | 57.695 | 58.309 | 0.0 | 0.003 | 1.291 | 0.334 | 1223.328 | 1261.04 | 0.0 | -92.972 | -92.142 | 0.0 |
| 92 | 1540 | 1541 | NS | 3 | 57.718 | 58.232 | 0.0 | 0.003 | 1.291 | 0.334 | 1225.912 | 1260.816 | 0.0 | -93.152 | -92.145 | 0.0 |
| 93 | 1541 | 1542 | SN | 3 | 57.685 | 58.338 | 0.0 | 0.003 | 1.291 | 0.332 | 1222.448 | 1262.128 | 0.0 | -92.98 | -92.12 | 0.0 |
| 94 | 1541 | 1542 | SN | 2 | 57.685 | 58.338 | 0.0 | 0.003 | 1.291 | 0.332 | 1222.448 | 1262.128 | 0.0 | -92.98 | -92.12 | 0.0 |
| 95 | 1541 | 1542 | SN | 1 | 57.685 | 58.338 | 0.0 | 0.003 | 1.291 | 0.379 | 1222.448 | 1262.128 | 0.0 | -92.98 | -92.12 | 0.0 |
| 96 | 1542 | 1543 | NS | 3 | 57.709 | 58.23 | 0.0 | 0.003 | 1.291 | 0.326 | 1224.848 | 1260.824 | 0.0 | -92.99 | -92.153 | 0.0 |
| 97 | 1542 | 1543 | SN | 6 | 57.675 | 58.352 | 0.0 | 0.003 | 1.291 | 0.34 | 1223.296 | 1262.944 | 0.0 | -92.963 | -92.126 | 0.0 |
| 98 | 1542 | 1543 | SN | 4 | 57.675 | 58.352 | 0.0 | 0.003 | 1.291 | 0.34 | 1223.296 | 1262.944 | 0.0 | -92.963 | -92.126 | 0.0 |
| 99 | 1542 | 1543 | NS | 1 | 57.709 | 58.23 | 0.0 | 0.003 | 241.794 | 0.372 | 1224.848 | 1260.824 | 0.0 | -92.99 | -92.153 | 0.0 |
| 100 | 1542 | 1543 | SN | 2 | 57.675 | 58.352 | 0.0 | 0.003 | 1.291 | 0.388 | 1223.296 | 1262.944 | 0.0 | -92.963 | -92.126 | 0.0 |
| 101 | 1542 | 1543 | NS | 5 | 57.709 | 58.23 | 0.0 | 0.003 | 1.291 | 0.326 | 1224.848 | 1260.824 | 0.0 | -92.99 | -92.153 | 0.0 |
| 102 | 1543 | 1544 | NS | 2 | 57.698 | 58.237 | 0.0 | 0.003 | 1.291 | 0.334 | 1225.072 | 1260.864 | 0.0 | -93.143 | -92.108 | 0.0 |
| 103 | 1543 | 1544 | SN | 2 | 57.663 | 58.373 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.408 | 1263.928 | 0.0 | -93.243 | -92.132 | 0.0 |
| 104 | 1543 | 1544 | SN | 3 | 57.663 | 58.373 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.408 | 1263.928 | 0.0 | -93.243 | -92.132 | 0.0 |
| 105 | 1543 | 1544 | SN | 1 | 57.663 | 58.373 | 0.0 | 0.003 | 1.291 | 0.373 | 1223.408 | 1263.928 | 0.0 | -93.243 | -92.132 | 0.0 |
| 106 | 1543 | 1544 | NS | 1 | 57.698 | 58.237 | 0.0 | 0.003 | 249.339 | 0.381 | 1225.072 | 1260.864 | 0.0 | -93.143 | -92.108 | 0.0 |
| 107 | 1543 | 1544 | NS | 3 | 57.698 | 58.237 | 0.0 | 0.003 | 1.291 | 0.334 | 1225.072 | 1260.864 | 0.0 | -93.143 | -92.108 | 0.0 |
| 108 | 1544 | 1545 | SN | 1 | 57.669 | 58.376 | 0.0 | 0.003 | 1.291 | 0.367 | 1223.624 | 1264.384 | 0.0 | -92.952 | -92.138 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|------|------|----|---|--------|--------|-----|-------|-------|-------|----------|----------|-----|---------|---------|-----|
| 109 | 1544 | 1545 | SN | 3 | 57.669 | 58.376 | 0.0 | 0.003 | 1.291 | 0.321 | 1223.624 | 1264.384 | 0.0 | -92.952 | -92.138 | 0.0 |
| 110 | 1544 | 1545 | SN | 2 | 57.669 | 58.376 | 0.0 | 0.003 | 1.291 | 0.321 | 1223.624 | 1264.384 | 0.0 | -92.952 | -92.138 | 0.0 |
| 111 | 1545 | 1546 | NS | 2 | 57.707 | 58.242 | 0.0 | 0.003 | 1.291 | 0.33 | 1224.64 | 1261.256 | 0.0 | -92.964 | -92.151 | 0.0 |
| 112 | 1545 | 1546 | NS | 3 | 57.707 | 58.242 | 0.0 | 0.003 | 1.291 | 0.33 | 1224.64 | 1261.256 | 0.0 | -92.964 | -92.151 | 0.0 |
| 113 | 1545 | 1546 | NS | 1 | 57.707 | 58.242 | 0.0 | 0.003 | 1.291 | 0.376 | 1224.64 | 1261.256 | 0.0 | -92.964 | -92.151 | 0.0 |
| 114 | 1546 | 1547 | NS | 3 | 57.699 | 58.231 | 0.0 | 0.003 | 1.291 | 0.326 | 1225.184 | 1261.072 | 0.0 | -93.096 | -92.156 | 0.0 |
| 115 | 1546 | 1547 | SN | 2 | 57.624 | 58.418 | 0.0 | 0.003 | 1.291 | 0.333 | 1223.664 | 1265.568 | 0.0 | -92.97 | -92.105 | 0.0 |
| 116 | 1546 | 1547 | NS | 1 | 57.699 | 58.231 | 0.0 | 0.003 | 1.291 | 0.37 | 1225.184 | 1261.072 | 0.0 | -93.096 | -92.156 | 0.0 |
| 117 | 1546 | 1547 | SN | 3 | 57.624 | 58.418 | 0.0 | 0.003 | 1.291 | 0.333 | 1223.664 | 1265.568 | 0.0 | -92.97 | -92.105 | 0.0 |
| 118 | 1546 | 1547 | SN | 1 | 57.624 | 58.418 | 0.0 | 0.003 | 1.291 | 0.38 | 1223.664 | 1265.568 | 0.0 | -92.97 | -92.105 | 0.0 |
| 119 | 1546 | 1547 | NS | 2 | 57.699 | 58.231 | 0.0 | 0.003 | 1.291 | 0.326 | 1225.184 | 1261.072 | 0.0 | -93.096 | -92.156 | 0.0 |
| 120 | 1547 | 1548 | SN | 1 | 57.62 | 58.416 | 0.0 | 0.003 | 1.291 | 0.372 | 1223.6 | 1265.568 | 0.0 | -92.948 | -92.12 | 0.0 |
| 121 | 1547 | 1548 | NS | 2 | 57.696 | 58.24 | 0.0 | 0.003 | 1.291 | 0.329 | 1224.848 | 1260.88 | 0.0 | -93.17 | -92.143 | 0.0 |
| 122 | 1547 | 1548 | SN | 2 | 57.62 | 58.416 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.6 | 1265.568 | 0.0 | -92.948 | -92.12 | 0.0 |
| 123 | 1547 | 1548 | NS | 1 | 57.696 | 58.24 | 0.0 | 0.003 | 1.291 | 0.374 | 1224.848 | 1260.88 | 0.0 | -93.17 | -92.143 | 0.0 |
| 124 | 1547 | 1548 | SN | 3 | 57.62 | 58.416 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.6 | 1265.568 | 0.0 | -92.948 | -92.12 | 0.0 |
| 125 | 1547 | 1548 | NS | 3 | 57.696 | 58.24 | 0.0 | 0.003 | 1.291 | 0.329 | 1224.848 | 1260.88 | 0.0 | -93.17 | -92.143 | 0.0 |
| 126 | 1548 | 1549 | NS | 2 | 57.709 | 58.248 | 0.0 | 0.003 | 1.291 | 0.331 | 1224.496 | 1260.728 | 0.0 | -92.972 | -92.151 | 0.0 |
| 127 | 1548 | 1549 | NS | 3 | 57.709 | 58.248 | 0.0 | 0.003 | 1.291 | 0.331 | 1224.496 | 1260.728 | 0.0 | -92.972 | -92.151 | 0.0 |
| 128 | 1548 | 1549 | NS | 1 | 57.709 | 58.248 | 0.0 | 0.003 | 1.291 | 0.378 | 1224.496 | 1260.728 | 0.0 | -92.972 | -92.151 | 0.0 |
| 129 | 1548 | 1549 | SN | 3 | 57.607 | 58.437 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.416 | 1266.248 | 0.0 | -93.384 | -92.147 | 0.0 |
| 130 | 1548 | 1549 | SN | 1 | 57.607 | 58.437 | 0.0 | 0.003 | 1.291 | 0.373 | 1223.416 | 1266.248 | 0.0 | -93.384 | -92.147 | 0.0 |
| 131 | 1548 | 1549 | SN | 2 | 57.607 | 58.437 | 0.0 | 0.003 | 1.291 | 0.327 | 1223.416 | 1266.248 | 0.0 | -93.384 | -92.147 | 0.0 |
| 132 | 1549 | 1550 | NS | 1 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291 | 0.376 | 1224.112 | 1260.72 | 0.0 | -93.37 | -92.15 | 0.0 |
| 133 | 1549 | 1550 | NS | 3 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291 | 0.33 | 1224.112 | 1260.72 | 0.0 | -93.37 | -92.15 | 0.0 |
| 134 | 1549 | 1550 | NS | 2 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291 | 0.33 | 1224.112 | 1260.72 | 0.0 | -93.37 | -92.15 | 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 |

| 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 | 1520 | 1521 | SN | 1 | -33.471 | 18.004 | 0.0 | -34.321 | 18.173 | 0.0 | 2.291 | 22.962 | 0.147 | 3.609 | 23.074 | 0.342 | 0.081 | 148.658 | 1.626 | 0.081 | 180.804 | 1.438 | 0.08 | 0.113 | 0.0 | 0.08 | 0.104 | 0.0 |
| 2 | 1521 | 1522 | NS | 1 | -34.781 | 16.892 | 0.0 | -34.365 | 15.791 | 0.0 | 2.178 | 25.018 | 0.026 | 1.032 | 23.21 | 0.076 | 0.081 | 200.986 | 1.511 | 0.081 | 182.666 | 1.684 | 0.08 | 0.114 | 0.0 | 0.08 | 0.125 | 0.0 |
| 3 | 1521 | 1522 | SN | 1 | -34.742 | 17.163 | 0.0 | -34.83 | 17.744 | 0.0 | -6.42 | 22.334 | 0.006 | -6.74 | 21.841 | 0.0 | 0.081 | 199.207 | 2.545 | 0.081 | 203.293 | 2.014 | 0.08 | 0.358 | 0.0 | 0.08 | 0.38 | 0.0 |
| 4 | 1522 | 1523 | SN | 1 | -34.967 | 17.752 | 0.0 | -34.49 | 18.079 | 0.0 | 1.741 | 22.074 | 0.004 | 1.563 | 20.523 | 0.0 | 0.081 | 209.757 | 3.894 | 0.081 | 188.7 | 3.235 | 0.08 | 0.118 | 0.0 | 0.08 | 0.119 | 0.0 |
| 5 | 1522 | 1523 | NS | 1 | -34.745 | 17.427 | 0.0 | -34.716 | 17.828 | 0.0 | -9.56 | 21.74 | 0.0 | -7.252 | 23.088 | 0.023 | 0.081 | 199.372 | 3.507 | 0.081 | 198.039 | 3.703 | 0.08 | 0.667 | 0.0 | 0.08 | 0.419 | 0.0 |
| 6 | 1523 | 1524 | NS | 1 | -34.965 | 16.804 | 0.0 | -34.844 | 17.724 | 0.0 | -9.252 | 21.538 | 0.0 | -29.148 | 22.385 | 0.011 | 0.081 | 209.688 | 4.933 | 0.081 | 203.94 | 5.266 | 0.08 | 0.626 | 0.0 | 0.08 | 54.983 | 0.077 |
| 7 | 1523 | 1524 | SN | 2 | -34.782 | 17.149 | 0.0 | -34.68 | 18.256 | 0.0 | 0.695 | 21.9 | 0.0 | 1.928 | 20.843 | 0.0 | 0.081 | 201.064 | 3.585 | 0.081 | 196.399 | 3.095 | 0.08 | 0.129 | 0.0 | 0.08 | 0.116 | 0.0 |
| 8 | 1523 | 1524 | NS | 1 | -34.965 | 16.804 | 0.0 | -34.844 | 17.724 | 0.0 | -9.252 | 21.538 | 0.0 | -29.148 | 22.385 | 0.011 | 0.081 | 209.688 | 4.933 | 0.081 | 203.94 | 5.266 | 0.08 | 0.626 | 0.0 | 0.08 | 54.983 | 0.077 |
| 9 | 1523 | 1524 | SN | 4 | -34.782 | 17.149 | 0.0 | -34.68 | 18.256 | 0.0 | 0.695 | 21.9 | 0.0 | 1.928 | 20.843 | 0.0 | 0.081 | 201.064 | 3.585 | 0.081 | 196.399 | 3.095 | 0.08 | 0.129 | 0.0 | 0.08 | 0.116 | 0.0 |
| 10 | 1523 | 1524 | NS | 3 | -34.965 | 16.804 | 0.0 | -34.844 | 17.724 | 0.0 | -9.252 | 21.538 | 0.0 | -29.148 | 22.385 | 0.011 | 0.081 | 209.688 | 4.933 | 0.081 | 203.94 | 5.266 | 0.08 | 0.626 | 0.0 | 0.08 | 54.983 | 0.077 |
| 11 | 1523 | 1524 | SN | 2 | -34.782 | 17.149 | 0.0 | -34.68 | 18.256 | 0.0 | 0.695 | 21.9 | 0.0 | 1.928 | 20.843 | 0.0 | 0.081 | 201.064 | 3.58 | 0.081 | 196.399 | 3.093 | 0.08 | 0.129 | 0.0 | 0.08 | 0.116 | 0.0 |
| 12 | 1524 | 1525 | SN | 1 | -34.405 | 18.198 | 0.0 | -34.789 | 17.989 | 0.0 | 0.743 | 22.071 | 0.006 | 1.419 | 21.538 | 0.0 | 0.081 | 184.331 | 2.397 | 0.081 | 201.339 | 2.299 | 0.08 | 0.128 | 0.0 | 0.08 | 0.121 | 0.0 |
| 13 | 1524 | 1525 | NS | 1 | -34.81 | 16.454 | 0.0 | -34.94 | 16.612 | 0.0 | -28.529 | 22.039 | 0.002 | -25.595 | 22.399 | 0.01 | 0.081 | 202.339 | 3.657 | 0.081 | 208.478 | 3.97 | 0.08 | 47.688 | 0.003 | 0.08 | 24.296 | 0.038 |
| 14 | 1524 | 1525 | SN | 1 | -34.405 | 18.198 | 0.0 | -34.789 | 17.989 | 0.0 | 0.743 | 22.071 | 0.006 | 1.419 | 21.538 | 0.0 | 0.081 | 184.331 | 2.406 | 0.081 | 201.339 | 2.303 | 0.08 | 0.128 | 0.0 | 0.08 | 0.121 | 0.0 |
| 15 | 1524 | 1525 | NS | 2 | -34.222 | 16.453 | 0.0 | -34.987 | 16.615 | 0.0 | -28.901 | 22.042 | 0.002 | -26.616 | 22.399 | 0.01 | 0.081 | 176.759 | 3.663 | 0.081 | 210.761 | 3.963 | 0.08 | 51.944 | 0.003 | 0.08 | 30.723 | 0.038 |
| 16 | 1525 | 1526 | NS | 1 | -33.997 | 16.468 | 0.0 | -34.55 | 17.192 | 0.0 | -10.736 | 22.512 | 0.016 | -12.151 | 23.292 | 0.023 | 0.081 | 167.827 | 2.149 | 0.081 | 190.638 | 2.39 | 0.08 | 0.855 | 0.0 | 0.08 | 1.159 | 0.005 |
| 17 | 1525 | 1526 | SN | 2 | -34.284 | 16.493 | 0.0 | -34.803 | 17.166 | 0.0 | -0.606 | 21.872 | 0.0 | 0.251 | 22.173 | 0.034 | 0.081 | 179.27 | 2.964 | 0.081 | 201.998 | 2.554 | 0.08 | 0.147 | 0.0 | 0.08 | 0.134 | 0.0 |
| 18 | 1525 | 1526 | NS | 3 | -34.123 | 16.473 | 0.0 | -34.312 | 17.192 | 0.0 | -10.79 | 22.512 | 0.016 | -12.258 | 23.292 | 0.023 | 0.081 | 172.792 | 2.139 | 0.081 | 180.473 | 2.386 | 0.08 | 0.865 | 0.0 | 0.08 | 1.187 | 0.005 |
| 19 | 1525 | 1526 | SN | 1 | -34.284 | 16.493 | 0.0 | -34.803 | 17.166 | 0.0 | -0.606 | 21.872 | 0.0 | 0.251 | 22.173 | 0.034 | 0.081 | 179.27 | 2.965 | 0.081 | 201.998 | 2.556 | 0.08 | 0.147 | 0.0 | 0.08 | 0.134 | 0.0 |
| 20 | 1526 | 1527 | NS | 1 | -34.376 | 17.146 | 0.0 | -34.552 | 16.23 | 0.0 | -22.015 | 22.562 | 0.009 | -20.1 | 22.398 | 0.019 | 0.081 | 183.094 | 3.006 | 0.081 | 190.671 | 3.142 | 0.08 | 10.689 | 0.061 | 0.08 | 6.901 | 0.015 |
| 21 | 1526 | 1527 | SN | 2 | -34.694 | 14.916 | 0.0 | -34.479 | 15.908 | 0.0 | 0.805 | 22.002 | 0.004 | 6.488 | 21.697 | 0.0 | 0.081 | 197.017 | 2.992 | 0.081 | 187.54 | 2.783 | 0.08 | 0.128 | 0.0 | 0.08 | 0.092 | 0.0 |
| 22 | 1526 | 1527 | NS | 2 | -34.376 | 17.146 | 0.0 | -34.552 | 16.23 | 0.0 | -22.015 | 22.562 | 0.009 | -20.1 | 22.398 | 0.019 | 0.081 | 183.094 | 3.006 | 0.081 | 190.671 | 3.143 | 0.08 | 10.689 | 0.061 | 0.08 | 6.901 | 0.015 |
| 23 | 1526 | 1527 | SN | 3 | -34.694 | 14.916 | 0.0 | -34.479 | 15.908 | 0.0 | 0.805 | 22.002 | 0.004 | 6.488 | 21.697 | 0.0 | 0.081 | 197.017 | 2.992 | 0.081 | 187.54 | 2.783 | 0.08 | 0.128 | 0.0 | 0.08 | 0.092 | 0.0 |
| 24 | 1526 | 1527 | SN | 1 | -34.694 | 14.916 | 0.0 | -34.479 | 15.908 | 0.0 | 0.805 | 22.002 | 0.004 | 6.488 | 21.697 | 0.0 | 0.081 | 197.017 | 2.992 | 0.081 | 187.54 | 2.783 | 0.08 | 0.128 | 0.0 | 0.08 | 0.092 | 0.0 |
| 25 | 1527 | 1528 | NS | 2 | -34.97 | 18.915 | 0.0 | -34.615 | 18.458 | 0.0 | -2.308 | 21.776 | 0.0 | -3.078 | 22.276 | 0.009 | 0.08 | 209.961 | 2.325 | 0.081 | 193.495 | 2.616 | 0.08 | 0.182 | 0.0 | 0.08 | 0.204 | 0.0 |
| 26 | 1527 | 1528 | NS | 1 | -34.97 | 18.915 | 0.0 | -34.615 | 18.458 | 0.0 | -2.308 | 21.776 | 0.0 | -3.078 | 22.276 | 0.009 | 0.08 | 209.961 | 2.325 | 0.081 | 193.495 | 2.616 | 0.08 | 0.182 | 0.0 | 0.08 | 0.204 | 0.0 |
| 27 | 1527 | 1528 | SN | 1 | -34.068 | 15.306 | 0.0 | -34.263 | 18.99 | 0.0 | 0.474 | 23.043 | 0.15 | 3.196 | 23.577 | 0.343 | 0.081 | 170.582 | 3.467 | 0.08 | 178.408 | 3.123 | 0.08 | 0.132 | 0.0 | 0.08 | 0.106 | 0.0 |
| 28 | 1527 | 1528 | SN | 2 | -34.068 | 15.306 | 0.0 | -34.263 | 18.99 | 0.0 | 0.474 | 23.043 | 0.15 | 3.196 | 23.577 | 0.343 | 0.081 | 170.582 | 3.467 | 0.08 | 178.408 | 3.123 | 0.08 | 0.132 | 0.0 | 0.08 | 0.106 | 0.0 |
| 29 | 1527 | 1528 | NS | 3 | -34.97 | 18.915 | 0.0 | -34.615 | 18.458 | 0.0 | -2.308 | 21.776 | 0.0 | -3.078 | 22.276 | 0.009 | 0.08 | 209.961 | 2.325 | 0.081 | 193.495 | 2.616 | 0.08 | 0.182 | 0.0 | 0.08 | 0.204 | 0.0 |
| 30 | 1528 | 1529 | NS | 2 | -34.277 | 18.312 | 0.0 | -30.355 | 17.987 | 0.0 | 2.213 | 22.964 | 0.137 | 2.055 | 23.199 | 0.47 | 0.081 | 178.973 | 0.403 | 0.081 | 72.589 | 0.642 | 0.08 | 0.114 | 0.0 | 0.08 | 0.115 | 0.0 |
| 31 | 1528 | 1529 | NS | 1 | -34.277 | 18.312 | 0.0 | -30.355 | 17.987 | 0.0 | 2.213 | 22.964 | 0.137 | 2.055 | 23.199 | 0.47 | 0.081 | 178.973 | 0.403 | 0.081 | 72.589 | 0.642 | 0.08 | 0.114 | 0.0 | 0.08 | 0.115 | 0.0 |
| 32 | 1528 | 1529 | SN | 2 | -34.97 | 17.693 | 0.0 | -34.933 | 17.138 | 0.0 | -9.443 | 23.236 | 0.099 | -6.293 | 23.41 | 0.415 | 0.081 | 209.896 | 3.086 | 0.081 | 208.17 | 2.729 | 0.08 | 0.651 | 0.0 | 0.08 | 0.35 | 0.0 |

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

| | |
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| ■ Normal | ■ Deviations |
| ■ Alarming | ■ High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|---------|-------|------|--------|-------|
| 33 | 1528 | 1529 | SN | 1 | -34.97 | 17.693 | 0.0 | -34.933 | 17.138 | 0.0 | -9.443 | 23.236 | 0.099 | -6.293 | 23.41 | 0.415 | 0.081 | 209.896 | 3.086 | 0.081 | 208.17 | 2.729 | 0.08 | 0.651 | 0.0 | 0.08 | 0.35 | 0.0 |
| 34 | 1529 | 1530 | SN | 2 | -34.734 | 17.554 | 0.0 | -33.763 | 18.679 | 0.0 | -34.724 | 22.918 | 0.081 | -8.296 | 23.394 | 0.288 | 0.081 | 198.897 | 2.755 | 0.08 | 159.025 | 1.907 | 0.08 | 198.375 | 0.063 | 0.08 | 0.515 | 0.0 |
| 35 | 1529 | 1530 | NS | 1 | -34.332 | 18.586 | 0.0 | -34.484 | 17.724 | 0.0 | 1.151 | 22.936 | 0.251 | 1.707 | 23.891 | 1.111 | 0.081 | 181.248 | 2.95 | 0.081 | 187.71 | 3.443 | 0.08 | 0.124 | 0.0 | 0.08 | 0.118 | 0.0 |
| 36 | 1529 | 1530 | NS | 2 | -34.332 | 18.586 | 0.0 | -34.484 | 17.724 | 0.0 | 1.151 | 22.936 | 0.251 | 1.707 | 23.891 | 1.111 | 0.081 | 181.248 | 2.95 | 0.081 | 187.71 | 3.443 | 0.08 | 0.124 | 0.0 | 0.08 | 0.118 | 0.0 |
| 37 | 1529 | 1530 | SN | 1 | -34.734 | 17.554 | 0.0 | -33.763 | 18.679 | 0.0 | -34.724 | 22.918 | 0.081 | -8.296 | 23.394 | 0.288 | 0.081 | 198.897 | 2.755 | 0.08 | 159.025 | 1.907 | 0.08 | 198.375 | 0.063 | 0.08 | 0.515 | 0.0 |
| 38 | 1530 | 1531 | SN | 2 | -34.767 | 14.596 | 0.0 | -34.967 | 18.634 | 0.0 | -22.88 | 22.936 | 0.102 | -21.82 | 23.072 | 0.193 | 0.082 | 200.341 | 5.887 | 0.08 | 209.795 | 5.267 | 0.08 | 13.03 | 0.095 | 0.08 | 10.225 | 0.059 |
| 39 | 1530 | 1531 | NS | 2 | -34.424 | 18.069 | 0.0 | -34.394 | 17.132 | 0.0 | -6.728 | 22.761 | 0.104 | -6.868 | 25.501 | 0.735 | 0.081 | 185.105 | 2.914 | 0.081 | 188.224 | 3.326 | 0.08 | 0.379 | 0.0 | 0.08 | 0.39 | 0.0 |
| 40 | 1530 | 1531 | SN | 1 | -34.767 | 14.596 | 0.0 | -34.967 | 18.634 | 0.0 | -22.88 | 22.936 | 0.102 | -21.82 | 23.072 | 0.193 | 0.082 | 200.341 | 5.887 | 0.08 | 209.795 | 5.267 | 0.08 | 13.03 | 0.095 | 0.08 | 10.225 | 0.059 |
| 41 | 1530 | 1531 | NS | 1 | -34.424 | 18.069 | 0.0 | -34.394 | 17.132 | 0.0 | -6.728 | 22.761 | 0.104 | -6.868 | 25.501 | 0.735 | 0.081 | 185.105 | 2.914 | 0.081 | 188.224 | 3.326 | 0.08 | 0.379 | 0.0 | 0.08 | 0.39 | 0.0 |
| 42 | 1531 | 1532 | SN | 2 | -34.902 | 16.244 | 0.0 | -34.566 | 18.974 | 0.0 | -21.051 | 23.235 | 0.098 | -27.734 | 23.502 | 0.155 | 0.081 | 206.675 | 4.785 | 0.08 | 191.261 | 4.362 | 0.08 | 8.574 | 0.02 | 0.08 | 39.732 | 0.019 |
| 43 | 1531 | 1532 | NS | 1 | -34.543 | 18.663 | 0.0 | -34.575 | 17.805 | 0.0 | 0.082 | 22.716 | 0.104 | 1.026 | 23.584 | 0.558 | 0.08 | 190.3 | 3.309 | 0.081 | 191.733 | 3.126 | 0.08 | 0.137 | 0.0 | 0.08 | 0.125 | 0.0 |
| 44 | 1531 | 1532 | SN | 1 | -34.902 | 16.244 | 0.0 | -34.566 | 18.974 | 0.0 | -21.051 | 23.235 | 0.098 | -27.734 | 23.502 | 0.155 | 0.081 | 206.675 | 4.785 | 0.08 | 191.261 | 4.362 | 0.08 | 8.574 | 0.02 | 0.08 | 39.732 | 0.019 |
| 45 | 1531 | 1532 | NS | 2 | -34.543 | 18.663 | 0.0 | -34.575 | 17.805 | 0.0 | 0.082 | 22.716 | 0.104 | 1.026 | 23.584 | 0.558 | 0.08 | 190.3 | 3.309 | 0.081 | 191.733 | 3.126 | 0.08 | 0.137 | 0.0 | 0.08 | 0.125 | 0.0 |
| 46 | 1532 | 1533 | NS | 2 | -34.931 | 19.265 | 0.0 | -34.951 | 17.495 | 0.0 | 4.983 | 22.849 | 0.202 | 6.066 | 23.174 | 0.658 | 0.08 | 208.082 | 3.375 | 0.081 | 209.049 | 3.184 | 0.08 | 0.097 | 0.0 | 0.08 | 0.093 | 0.0 |
| 47 | 1532 | 1533 | SN | 3 | -34.864 | 17.401 | 0.0 | -34.719 | 18.357 | 0.0 | -27.054 | 23.046 | 0.096 | -13.519 | 23.145 | 0.165 | 0.081 | 204.908 | 2.578 | 0.081 | 198.162 | 2.827 | 0.08 | 33.976 | 0.011 | 0.08 | 1.565 | 0.003 |
| 48 | 1532 | 1533 | SN | 1 | -34.864 | 17.401 | 0.0 | -34.719 | 18.357 | 0.0 | -27.054 | 23.046 | 0.096 | -13.519 | 23.145 | 0.165 | 0.081 | 204.908 | 2.578 | 0.081 | 198.162 | 2.827 | 0.08 | 33.976 | 0.011 | 0.08 | 1.565 | 0.003 |
| 49 | 1532 | 1533 | NS | 4 | -34.931 | 19.265 | 0.0 | -34.951 | 17.495 | 0.0 | 4.983 | 22.849 | 0.202 | 6.066 | 23.174 | 0.658 | 0.08 | 208.082 | 3.375 | 0.081 | 209.049 | 3.184 | 0.08 | 0.097 | 0.0 | 0.08 | 0.093 | 0.0 |
| 50 | 1533 | 1534 | NS | 1 | -34.665 | 18.374 | 0.0 | -34.959 | 17.775 | 0.0 | 1.303 | 23.066 | 0.164 | 2.059 | 23.252 | 0.642 | 0.081 | 195.674 | 3.204 | 0.081 | 209.368 | 3.26 | 0.08 | 0.122 | 0.0 | 0.08 | 0.115 | 0.0 |
| 51 | 1533 | 1534 | SN | 1 | -34.699 | 19.081 | 0.0 | -34.487 | 18.69 | 0.0 | -31.014 | 23.246 | 0.361 | -26.962 | 23.351 | 0.754 | 0.08 | 197.263 | 3.602 | 0.08 | 187.834 | 2.933 | 0.08 | 84.467 | 0.135 | 0.08 | 33.261 | 0.076 |
| 52 | 1533 | 1534 | NS | 2 | -34.665 | 18.374 | 0.0 | -34.959 | 17.775 | 0.0 | 1.303 | 23.066 | 0.164 | 2.059 | 23.252 | 0.642 | 0.081 | 195.674 | 3.204 | 0.081 | 209.368 | 3.26 | 0.08 | 0.122 | 0.0 | 0.08 | 0.115 | 0.0 |
| 53 | 1533 | 1534 | SN | 2 | -34.699 | 19.081 | 0.0 | -34.487 | 18.69 | 0.0 | -31.014 | 23.246 | 0.361 | -26.962 | 23.351 | 0.754 | 0.08 | 197.263 | 3.602 | 0.08 | 187.834 | 2.933 | 0.08 | 84.467 | 0.135 | 0.08 | 33.261 | 0.076 |
| 54 | 1534 | 1535 | SN | 2 | -34.733 | 17.964 | 0.0 | -34.877 | 18.046 | 0.0 | 2.228 | 23.111 | 0.232 | 3.475 | 23.973 | 1.118 | 0.081 | 198.803 | 2.008 | 0.081 | 205.48 | 1.702 | 0.08 | 0.113 | 0.0 | 0.08 | 0.105 | 0.0 |
| 55 | 1534 | 1535 | NS | 1 | -34.736 | 18.504 | 0.0 | -34.017 | 18.761 | 0.0 | 2.78 | 22.986 | 0.299 | 3.0 | 23.343 | 0.77 | 0.081 | 198.965 | 2.352 | 0.08 | 168.569 | 2.471 | 0.08 | 0.109 | 0.0 | 0.08 | 0.108 | 0.0 |
| 56 | 1534 | 1535 | SN | 1 | -34.733 | 17.964 | 0.0 | -34.877 | 18.046 | 0.0 | 2.228 | 23.111 | 0.232 | 3.475 | 23.973 | 1.118 | 0.081 | 198.803 | 2.008 | 0.081 | 205.48 | 1.702 | 0.08 | 0.113 | 0.0 | 0.08 | 0.105 | 0.0 |
| 57 | 1534 | 1535 | NS | 2 | -34.736 | 18.504 | 0.0 | -34.017 | 18.761 | 0.0 | 2.78 | 22.986 | 0.299 | 3.0 | 23.343 | 0.77 | 0.081 | 198.965 | 2.352 | 0.08 | 168.569 | 2.471 | 0.08 | 0.109 | 0.0 | 0.08 | 0.108 | 0.0 |
| 58 | 1535 | 1536 | NS | 2 | -34.66 | 18.261 | 0.0 | -34.734 | 18.767 | 0.0 | 2.228 | 23.165 | 0.383 | 0.724 | 23.408 | 0.601 | 0.081 | 195.469 | 1.734 | 0.08 | 198.85 | 1.892 | 0.08 | 0.113 | 0.0 | 0.08 | 0.128 | 0.0 |
| 59 | 1535 | 1536 | SN | 1 | -32.866 | 16.706 | 0.0 | -33.447 | 17.455 | 0.0 | -2.688 | 22.475 | 0.019 | 1.102 | 22.738 | 0.086 | 0.081 | 129.349 | 1.085 | 0.081 | 147.854 | 0.873 | 0.08 | 0.192 | 0.0 | 0.08 | 0.124 | 0.0 |
| 60 | 1535 | 1536 | NS | 3 | -34.66 | 18.261 | 0.0 | -34.734 | 18.767 | 0.0 | 2.228 | 23.165 | 0.383 | 0.724 | 23.408 | 0.601 | 0.081 | 195.469 | 1.734 | 0.08 | 198.85 | 1.892 | 0.08 | 0.113 | 0.0 | 0.08 | 0.128 | 0.0 |
| 61 | 1535 | 1536 | NS | 1 | -34.66 | 18.261 | 0.0 | -34.734 | 18.767 | 0.0 | 2.228 | 23.165 | 0.383 | 0.724 | 23.408 | 0.601 | 0.081 | 195.469 | 1.734 | 0.08 | 198.85 | 1.892 | 0.08 | 0.113 | 0.0 | 0.08 | 0.128 | 0.0 |
| 62 | 1535 | 1536 | SN | 3 | -32.866 | 16.706 | 0.0 | -33.447 | 17.455 | 0.0 | -2.688 | 22.475 | 0.019 | 1.102 | 22.738 | 0.086 | 0.081 | 129.349 | 1.085 | 0.081 | 147.854 | 0.873 | 0.08 | 0.192 | 0.0 | 0.08 | 0.124 | 0.0 |
| 63 | 1535 | 1536 | SN | 2 | -32.866 | 16.706 | 0.0 | -33.447 | 17.455 | 0.0 | -2.688 | 22.475 | 0.019 | 1.102 | 22.738 | 0.086 | 0.081 | 129.349 | 1.085 | 0.081 | 147.854 | 0.873 | 0.08 | 0.192 | 0.0 | 0.08 | 0.124 | 0.0 |
| 64 | 1536 | 1537 | SN | 2 | -34.546 | 16.976 | 0.0 | -34.648 | 17.259 | 0.0 | -2.597 | 22.395 | 0.007 | -0.807 | 20.537 | 0.0 | 0.081 | 190.404 | 4.673 | 0.081 | 194.94 | 3.973 | 0.08 | 0.19 | 0.0 | 0.08 | 0.151 | 0.0 |
| 65 | 1536 | 1537 | NS | 5 | -34.799 | 17.792 | 0.0 | -33.158 | 18.001 | 0.0 | 0.662 | 22.467 | 0.002 | 0.0 | 23.057 | 0.046 | 0.081 | 201.883 | 3.113 | 0.081 | 138.36 | 3.497 | 0.08 | 0.129 | 0.0 | 0.08 | 0.138 | 0.0 |
| 66 | 1536 | 1537 | SN | 4 | -34.546 | 16.976 | 0.0 | -34.648 | 17.259 | 0.0 | -2.597 | 22.395 | 0.007 | -0.807 | 20.537 | 0.0 | 0.081 | 190.404 | 4.673 | 0.081 | 194.94 | 3.973 | 0.08 | 0.19 | 0.0 | 0.08 | 0.151 | 0.0 |
| 67 | 1536 | 1537 | SN | 6 | -34.546 | 16.976 | 0.0 | -34.648 | 17.259 | 0.0 | -2.597 | 22.395 | 0.007 | -0.807 | 20.537 | 0.0 | 0.081 | 190.404 | 4.673 | 0.081 | 194.94 | 3.973 | 0.08 | 0.19 | 0.0 | 0.08 | 0.151 | 0.0 |
| 68 | 1536 | 1537 | NS | 3 | -34.799 | 17.792 | 0.0 | -33.158 | 18.001 | 0.0 | 0.662 | 22.467 | 0.002 | 0.0 | 23.057 | 0.046 | 0.081 | 201.883 | 3.113 | 0.081 | 138.36 | 3.497 | 0.08 | 0.129 | 0.0 | 0.08 | 0.138 | 0.0 |
| 69 | 1536 | 1537 | NS | 1 | -34.799 | 17.792 | 0.0 | -33.158 | 18.001 | 0.0 | 0.662 | 22.467 | 0.002 | 0.0 | 23.057 | 0.046 | 0.081 | 201.883 | 3.113 | 0.081 | 138.36 | 3.497 | 0.08 | 0.129 | 0.0 | 0.08 | 0.138 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|--------|-------|------|---------|-------|
| 70 | 1537 | 1538 | SN | 1 | -34.984 | 17.143 | 0.0 | -34.953 | 17.489 | 0.0 | 0.741 | 22.306 | 0.005 | 0.588 | 20.855 | 0.0 | 0.081 | 210.616 | 5.094 | 0.081 | 209.097 | 4.908 | 0.08 | 0.128 | 0.0 | 0.08 | 0.13 | 0.0 |
| 71 | 1537 | 1538 | SN | 3 | -34.984 | 17.143 | 0.0 | -34.953 | 17.489 | 0.0 | 0.741 | 22.306 | 0.005 | 0.588 | 20.855 | 0.0 | 0.081 | 210.616 | 5.094 | 0.081 | 209.097 | 4.908 | 0.08 | 0.128 | 0.0 | 0.08 | 0.13 | 0.0 |
| 72 | 1537 | 1538 | NS | 3 | -34.863 | 17.913 | 0.0 | -34.615 | 18.068 | 0.0 | -25.572 | 21.08 | 0.0 | -26.392 | 22.696 | 0.015 | 0.081 | 204.806 | 4.549 | 0.081 | 193.506 | 4.574 | 0.08 | 24.166 | 0.031 | 0.08 | 30.104 | 0.041 |
| 73 | 1537 | 1538 | NS | 1 | -34.863 | 17.913 | 0.0 | -34.615 | 18.068 | 0.0 | -25.572 | 21.08 | 0.0 | -26.392 | 22.696 | 0.015 | 0.081 | 204.806 | 4.549 | 0.081 | 193.506 | 4.574 | 0.08 | 24.166 | 0.031 | 0.08 | 30.104 | 0.041 |
| 74 | 1537 | 1538 | SN | 2 | -34.984 | 17.143 | 0.0 | -34.953 | 17.489 | 0.0 | 0.741 | 22.306 | 0.005 | 0.588 | 20.855 | 0.0 | 0.081 | 210.616 | 5.094 | 0.081 | 209.097 | 4.908 | 0.08 | 0.128 | 0.0 | 0.08 | 0.13 | 0.0 |
| 75 | 1537 | 1538 | NS | 2 | -34.863 | 17.913 | 0.0 | -34.615 | 18.068 | 0.0 | -25.572 | 21.08 | 0.0 | -26.392 | 22.696 | 0.015 | 0.081 | 204.806 | 4.549 | 0.081 | 193.506 | 4.574 | 0.08 | 24.166 | 0.031 | 0.08 | 30.104 | 0.041 |
| 76 | 1538 | 1539 | NS | 1 | -34.338 | 16.722 | 0.0 | -34.526 | 17.138 | 0.0 | -21.846 | 21.377 | 0.0 | -28.356 | 22.415 | 0.01 | 0.081 | 181.518 | 3.101 | 0.081 | 189.551 | 3.196 | 0.08 | 10.285 | 0.019 | 0.08 | 45.826 | 0.039 |
| 77 | 1538 | 1539 | SN | 2 | -34.482 | 15.299 | 0.0 | -34.999 | 15.712 | 0.0 | 1.289 | 22.215 | 0.006 | 2.313 | 20.478 | 0.0 | 0.081 | 187.672 | 2.967 | 0.081 | 211.319 | 2.954 | 0.08 | 0.122 | 0.0 | 0.08 | 0.113 | 0.0 |
| 78 | 1538 | 1539 | NS | 3 | -34.338 | 16.722 | 0.0 | -34.526 | 17.138 | 0.0 | -21.846 | 21.377 | 0.0 | -28.356 | 22.415 | 0.01 | 0.081 | 181.518 | 3.101 | 0.081 | 189.551 | 3.196 | 0.08 | 10.285 | 0.019 | 0.08 | 45.826 | 0.039 |
| 79 | 1538 | 1539 | NS | 2 | -34.338 | 16.722 | 0.0 | -34.526 | 17.138 | 0.0 | -21.846 | 21.377 | 0.0 | -28.356 | 22.415 | 0.01 | 0.081 | 181.518 | 3.101 | 0.081 | 189.551 | 3.196 | 0.08 | 10.285 | 0.019 | 0.08 | 45.826 | 0.039 |
| 80 | 1538 | 1539 | SN | 1 | -34.482 | 15.299 | 0.0 | -34.999 | 15.712 | 0.0 | 1.289 | 22.215 | 0.006 | 2.313 | 20.478 | 0.0 | 0.081 | 187.672 | 2.967 | 0.081 | 211.319 | 2.954 | 0.08 | 0.122 | 0.0 | 0.08 | 0.113 | 0.0 |
| 81 | 1538 | 1539 | SN | 3 | -34.482 | 15.299 | 0.0 | -34.999 | 15.712 | 0.0 | 1.289 | 22.215 | 0.006 | 2.313 | 20.478 | 0.0 | 0.081 | 187.672 | 2.967 | 0.081 | 211.319 | 2.954 | 0.08 | 0.122 | 0.0 | 0.08 | 0.113 | 0.0 |
| 82 | 1539 | 1540 | SN | 1 | -34.427 | 15.362 | 0.0 | -34.308 | 15.483 | 0.0 | 0.87 | 21.785 | 0.0 | 0.673 | 22.057 | 0.009 | 0.081 | 185.284 | 4.767 | 0.081 | 180.27 | 4.084 | 0.08 | 0.127 | 0.0 | 0.08 | 0.129 | 0.0 |
| 83 | 1539 | 1540 | SN | 3 | -34.427 | 15.362 | 0.0 | -34.308 | 15.483 | 0.0 | 0.87 | 21.785 | 0.0 | 0.673 | 22.057 | 0.009 | 0.081 | 185.284 | 4.767 | 0.081 | 180.27 | 4.084 | 0.08 | 0.127 | 0.0 | 0.08 | 0.129 | 0.0 |
| 84 | 1539 | 1540 | NS | 1 | -34.414 | 16.118 | 0.0 | -34.484 | 17.24 | 0.0 | -17.195 | 22.379 | 0.008 | -16.365 | 22.46 | 0.017 | 0.081 | 184.709 | 1.458 | 0.081 | 187.712 | 1.748 | 0.08 | 3.565 | 0.014 | 0.08 | 2.956 | 0.005 |
| 85 | 1539 | 1540 | SN | 2 | -34.427 | 15.362 | 0.0 | -34.308 | 15.483 | 0.0 | 0.87 | 21.785 | 0.0 | 0.673 | 22.057 | 0.009 | 0.081 | 185.284 | 4.767 | 0.081 | 180.27 | 4.084 | 0.08 | 0.127 | 0.0 | 0.08 | 0.129 | 0.0 |
| 86 | 1539 | 1540 | NS | 1 | -34.414 | 16.118 | 0.0 | -34.484 | 17.24 | 0.0 | -17.195 | 22.379 | 0.008 | -16.365 | 22.46 | 0.017 | 0.081 | 184.709 | 1.458 | 0.081 | 187.712 | 1.747 | 0.08 | 3.565 | 0.014 | 0.08 | 2.956 | 0.005 |
| 87 | 1539 | 1540 | NS | 2 | -34.414 | 16.118 | 0.0 | -34.484 | 17.24 | 0.0 | -17.195 | 22.379 | 0.008 | -16.365 | 22.46 | 0.017 | 0.081 | 184.709 | 1.458 | 0.081 | 187.712 | 1.747 | 0.08 | 3.565 | 0.014 | 0.08 | 2.956 | 0.005 |
| 88 | 1540 | 1541 | NS | 1 | -34.727 | 17.082 | 0.0 | -34.734 | 16.532 | 0.0 | -17.057 | 22.136 | 0.004 | -19.164 | 22.381 | 0.002 | 0.081 | 198.516 | 2.084 | 0.081 | 198.858 | 1.895 | 0.08 | 3.455 | 0.009 | 0.08 | 5.574 | 0.024 |
| 89 | 1540 | 1541 | NS | 2 | -34.727 | 17.082 | 0.0 | -34.734 | 16.532 | 0.0 | -17.057 | 22.136 | 0.004 | -19.164 | 22.381 | 0.002 | 0.081 | 198.516 | 2.084 | 0.081 | 198.858 | 1.895 | 0.08 | 3.455 | 0.009 | 0.08 | 5.574 | 0.024 |
| 90 | 1540 | 1541 | SN | 2 | -34.707 | 15.237 | 0.0 | -34.82 | 15.934 | 0.0 | 0.622 | 22.115 | 0.005 | 1.481 | 22.088 | 0.007 | 0.081 | 197.594 | 3.544 | 0.081 | 202.813 | 3.3 | 0.08 | 0.13 | 0.0 | 0.08 | 0.12 | 0.0 |
| 91 | 1540 | 1541 | SN | 1 | -34.707 | 15.237 | 0.0 | -34.82 | 15.934 | 0.0 | 0.622 | 22.115 | 0.005 | 1.481 | 22.088 | 0.007 | 0.081 | 197.594 | 3.544 | 0.081 | 202.813 | 3.3 | 0.08 | 0.13 | 0.0 | 0.08 | 0.12 | 0.0 |
| 92 | 1540 | 1541 | NS | 3 | -34.727 | 17.082 | 0.0 | -34.734 | 16.532 | 0.0 | -17.057 | 22.136 | 0.004 | -19.164 | 22.381 | 0.002 | 0.081 | 198.516 | 2.084 | 0.081 | 198.858 | 1.895 | 0.08 | 3.455 | 0.009 | 0.08 | 5.574 | 0.024 |
| 93 | 1541 | 1542 | SN | 3 | -34.34 | 15.724 | 0.0 | -34.478 | 16.159 | 0.0 | 0.721 | 23.289 | 0.148 | 4.754 | 23.218 | 0.174 | 0.081 | 181.596 | 3.712 | 0.081 | 191.895 | 3.096 | 0.08 | 0.129 | 0.0 | 0.08 | 0.098 | 0.0 |
| 94 | 1541 | 1542 | SN | 2 | -34.34 | 15.724 | 0.0 | -34.478 | 16.159 | 0.0 | 0.721 | 23.289 | 0.148 | 4.754 | 23.218 | 0.174 | 0.081 | 181.596 | 3.712 | 0.081 | 191.895 | 3.096 | 0.08 | 0.129 | 0.0 | 0.08 | 0.098 | 0.0 |
| 95 | 1541 | 1542 | SN | 1 | -34.34 | 15.724 | 0.0 | -34.478 | 16.159 | 0.0 | 0.721 | 23.289 | 0.148 | 4.754 | 23.218 | 0.174 | 0.081 | 181.596 | 3.712 | 0.081 | 191.895 | 3.096 | 0.08 | 0.129 | 0.0 | 0.08 | 0.098 | 0.0 |
| 96 | 1542 | 1543 | NS | 3 | -34.374 | 18.014 | 0.0 | -34.315 | 18.835 | 0.0 | 2.666 | 22.723 | 0.062 | 1.459 | 23.068 | 0.224 | 0.081 | 183.038 | 1.766 | 0.08 | 180.557 | 1.809 | 0.08 | 0.11 | 0.0 | 0.08 | 0.12 | 0.0 |
| 97 | 1542 | 1543 | SN | 6 | -34.736 | 17.407 | 0.0 | -34.758 | 18.501 | 0.0 | 0.799 | 22.97 | 0.212 | 1.365 | 24.333 | 0.568 | 0.081 | 198.969 | 3.668 | 0.081 | 199.929 | 3.008 | 0.08 | 0.128 | 0.0 | 0.08 | 0.121 | 0.0 |
| 98 | 1542 | 1543 | SN | 4 | -34.736 | 17.407 | 0.0 | -34.758 | 18.501 | 0.0 | 0.799 | 22.97 | 0.212 | 1.365 | 24.333 | 0.568 | 0.081 | 198.969 | 3.668 | 0.081 | 199.929 | 3.008 | 0.08 | 0.128 | 0.0 | 0.08 | 0.121 | 0.0 |
| 99 | 1542 | 1543 | NS | 1 | -34.374 | 18.014 | 0.0 | -34.315 | 18.835 | 0.0 | 2.666 | 22.723 | 0.062 | 1.459 | 23.068 | 0.224 | 0.081 | 183.038 | 1.766 | 0.08 | 180.557 | 1.809 | 0.08 | 0.11 | 0.0 | 0.08 | 0.12 | 0.0 |
| 100 | 1542 | 1543 | SN | 2 | -34.736 | 17.407 | 0.0 | -34.758 | 18.501 | 0.0 | 0.799 | 22.97 | 0.212 | 1.365 | 24.333 | 0.568 | 0.081 | 198.969 | 3.668 | 0.081 | 199.929 | 3.008 | 0.08 | 0.128 | 0.0 | 0.08 | 0.121 | 0.0 |
| 101 | 1542 | 1543 | NS | 5 | -34.374 | 18.014 | 0.0 | -34.315 | 18.835 | 0.0 | 2.666 | 22.723 | 0.062 | 1.459 | 23.068 | 0.224 | 0.081 | 183.038 | 1.766 | 0.08 | 180.557 | 1.809 | 0.08 | 0.11 | 0.0 | 0.08 | 0.12 | 0.0 |
| 102 | 1543 | 1544 | NS | 2 | -34.591 | 17.879 | 0.0 | -34.405 | 18.048 | 0.0 | -5.827 | 23.007 | 0.241 | -4.059 | 23.649 | 0.683 | 0.081 | 192.401 | 2.394 | 0.081 | 184.365 | 2.815 | 0.08 | 0.321 | 0.0 | 0.08 | 0.237 | 0.0 |
| 103 | 1543 | 1544 | SN | 2 | -34.376 | 17.681 | 0.0 | -34.985 | 18.758 | 0.0 | -27.125 | 22.851 | 0.076 | -33.843 | 24.033 | 0.364 | 0.081 | 183.096 | 2.666 | 0.08 | 210.707 | 2.371 | 0.08 | 34.528 | 0.097 | 0.08 | 162.012 | 0.071 |
| 104 | 1543 | 1544 | SN | 3 | -34.376 | 17.681 | 0.0 | -34.985 | 18.758 | 0.0 | -27.125 | 22.851 | 0.076 | -33.843 | 24.033 | 0.364 | 0.081 | 183.096 | 2.666 | 0.08 | 210.707 | 2.371 | 0.08 | 34.528 | 0.097 | 0.08 | 162.012 | 0.071 |
| 105 | 1543 | 1544 | SN | 1 | -34.376 | 17.681 | 0.0 | -34.985 | 18.758 | 0.0 | -27.125 | 22.851 | 0.076 | -33.843 | 24.033 | 0.364 | 0.081 | 183.096 | 2.666 | 0.08 | 210.707 | 2.371 | 0.08 | 34.528 | 0.097 | 0.08 | 162.012 | 0.071 |
| 106 | 1543 | 1544 | NS | 1 | -34.591 | 17.879 | 0.0 | -34.405 | 18.048 | 0.0 | -5.827 | 23.007 | 0.241 | -4.059 | 23.649 | 0.683 | 0.081 | 192.401 | 2.394 | 0.081 | 184.365 | 2.815 | 0.08 | 0.321 | 0.0 | 0.08 | 0.237 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|--------|-------|------|--------|-------|
| 107 | 1543 | 1544 | NS | 3 | -34.591 | 17.879 | 0.0 | -34.405 | 18.048 | 0.0 | -5.827 | 23.007 | 0.241 | -4.059 | 23.649 | 0.683 | 0.081 | 192.401 | 2.394 | 0.081 | 184.365 | 2.815 | 0.08 | 0.321 | 0.0 | 0.08 | 0.237 | 0.0 |
| 108 | 1544 | 1545 | SN | 1 | -34.943 | 18.131 | 0.0 | -34.53 | 19.002 | 0.0 | -23.141 | 22.973 | 0.093 | -19.025 | 23.239 | 0.22 | 0.081 | 208.64 | 3.039 | 0.08 | 189.754 | 2.617 | 0.08 | 13.835 | 0.008 | 0.08 | 5.401 | 0.006 |
| 109 | 1544 | 1545 | SN | 3 | -34.943 | 18.131 | 0.0 | -34.53 | 19.002 | 0.0 | -23.141 | 22.973 | 0.093 | -19.025 | 23.239 | 0.22 | 0.081 | 208.64 | 3.039 | 0.08 | 189.754 | 2.617 | 0.08 | 13.835 | 0.008 | 0.08 | 5.401 | 0.006 |
| 110 | 1544 | 1545 | SN | 2 | -34.943 | 18.131 | 0.0 | -34.53 | 19.002 | 0.0 | -23.141 | 22.973 | 0.093 | -19.025 | 23.239 | 0.22 | 0.081 | 208.64 | 3.039 | 0.08 | 189.754 | 2.617 | 0.08 | 13.835 | 0.008 | 0.08 | 5.401 | 0.006 |
| 111 | 1545 | 1546 | NS | 2 | -34.399 | 19.146 | 0.0 | -34.878 | 17.359 | 0.0 | -6.74 | 23.208 | 0.077 | -3.207 | 23.536 | 0.647 | 0.08 | 184.09 | 2.942 | 0.081 | 205.534 | 3.236 | 0.08 | 0.38 | 0.0 | 0.08 | 0.208 | 0.0 |
| 112 | 1545 | 1546 | NS | 3 | -34.399 | 19.146 | 0.0 | -34.878 | 17.359 | 0.0 | -6.74 | 23.208 | 0.077 | -3.207 | 23.536 | 0.647 | 0.08 | 184.09 | 2.942 | 0.081 | 205.534 | 3.236 | 0.08 | 0.38 | 0.0 | 0.08 | 0.208 | 0.0 |
| 113 | 1545 | 1546 | NS | 1 | -34.399 | 19.146 | 0.0 | -34.878 | 17.359 | 0.0 | -6.74 | 23.208 | 0.077 | -3.207 | 23.536 | 0.647 | 0.08 | 184.09 | 2.942 | 0.081 | 205.534 | 3.236 | 0.08 | 0.38 | 0.0 | 0.08 | 0.208 | 0.0 |
| 114 | 1546 | 1547 | NS | 3 | -34.95 | 18.253 | 0.0 | -34.977 | 17.508 | 0.0 | -0.06 | 22.808 | 0.223 | 0.757 | 23.437 | 0.603 | 0.081 | 208.977 | 2.829 | 0.081 | 210.296 | 2.881 | 0.08 | 0.139 | 0.0 | 0.08 | 0.128 | 0.0 |
| 115 | 1546 | 1547 | SN | 2 | -34.88 | 17.511 | 0.0 | -34.114 | 18.83 | 0.0 | -25.824 | 23.142 | 0.078 | -24.096 | 23.17 | 0.137 | 0.081 | 205.658 | 1.947 | 0.08 | 176.446 | 1.864 | 0.08 | 25.609 | 0.053 | 0.08 | 17.221 | 0.041 |
| 116 | 1546 | 1547 | NS | 1 | -34.95 | 18.253 | 0.0 | -34.977 | 17.508 | 0.0 | -0.06 | 22.808 | 0.223 | 0.757 | 23.437 | 0.603 | 0.081 | 208.977 | 2.829 | 0.081 | 210.296 | 2.881 | 0.08 | 0.139 | 0.0 | 0.08 | 0.128 | 0.0 |
| 117 | 1546 | 1547 | SN | 3 | -34.88 | 17.511 | 0.0 | -34.114 | 18.83 | 0.0 | -25.824 | 23.142 | 0.078 | -24.096 | 23.17 | 0.137 | 0.081 | 205.658 | 1.947 | 0.08 | 176.446 | 1.864 | 0.08 | 25.609 | 0.053 | 0.08 | 17.221 | 0.041 |
| 118 | 1546 | 1547 | SN | 1 | -34.88 | 17.511 | 0.0 | -34.114 | 18.83 | 0.0 | -25.824 | 23.142 | 0.078 | -24.096 | 23.17 | 0.137 | 0.081 | 205.658 | 1.947 | 0.08 | 176.446 | 1.864 | 0.08 | 25.609 | 0.053 | 0.08 | 17.221 | 0.041 |
| 119 | 1546 | 1547 | NS | 2 | -34.95 | 18.253 | 0.0 | -34.977 | 17.508 | 0.0 | -0.06 | 22.808 | 0.223 | 0.757 | 23.437 | 0.603 | 0.081 | 208.977 | 2.829 | 0.081 | 210.296 | 2.881 | 0.08 | 0.139 | 0.0 | 0.08 | 0.128 | 0.0 |
| 120 | 1547 | 1548 | SN | 1 | -34.88 | 18.874 | 0.0 | -34.56 | 19.005 | 0.0 | -27.017 | 23.465 | 0.143 | -28.356 | 23.505 | 0.244 | 0.08 | 205.621 | 1.726 | 0.08 | 190.997 | 1.509 | 0.08 | 33.681 | 0.048 | 0.08 | 45.828 | 0.066 |
| 121 | 1547 | 1548 | NS | 2 | -34.851 | 18.462 | 0.0 | -34.823 | 17.531 | 0.0 | 3.532 | 23.08 | 0.147 | 3.996 | 23.459 | 0.617 | 0.081 | 204.219 | 3.245 | 0.081 | 202.939 | 3.432 | 0.08 | 0.104 | 0.0 | 0.08 | 0.102 | 0.0 |
| 122 | 1547 | 1548 | SN | 2 | -34.88 | 18.874 | 0.0 | -34.56 | 19.005 | 0.0 | -27.017 | 23.465 | 0.143 | -28.356 | 23.505 | 0.244 | 0.08 | 205.621 | 1.726 | 0.08 | 190.997 | 1.509 | 0.08 | 33.681 | 0.048 | 0.08 | 45.828 | 0.066 |
| 123 | 1547 | 1548 | NS | 1 | -34.851 | 18.462 | 0.0 | -34.823 | 17.531 | 0.0 | 3.532 | 23.08 | 0.147 | 3.996 | 23.459 | 0.617 | 0.081 | 204.219 | 3.245 | 0.081 | 202.939 | 3.432 | 0.08 | 0.104 | 0.0 | 0.08 | 0.102 | 0.0 |
| 124 | 1547 | 1548 | SN | 3 | -34.88 | 18.874 | 0.0 | -34.56 | 19.005 | 0.0 | -27.017 | 23.465 | 0.143 | -28.356 | 23.505 | 0.244 | 0.08 | 205.621 | 1.726 | 0.08 | 190.997 | 1.509 | 0.08 | 33.681 | 0.048 | 0.08 | 45.828 | 0.066 |
| 125 | 1547 | 1548 | NS | 3 | -34.851 | 18.462 | 0.0 | -34.823 | 17.531 | 0.0 | 3.532 | 23.08 | 0.147 | 3.996 | 23.459 | 0.617 | 0.081 | 204.219 | 3.245 | 0.081 | 202.939 | 3.432 | 0.08 | 0.104 | 0.0 | 0.08 | 0.102 | 0.0 |
| 126 | 1548 | 1549 | NS | 2 | -34.731 | 19.576 | 0.0 | -34.976 | 19.339 | 0.0 | 2.126 | 22.758 | 0.224 | 1.934 | 23.337 | 0.794 | 0.08 | 198.722 | 3.394 | 0.08 | 210.248 | 3.196 | 0.08 | 0.114 | 0.0 | 0.08 | 0.116 | 0.0 |
| 127 | 1548 | 1549 | NS | 3 | -34.731 | 19.576 | 0.0 | -34.976 | 19.339 | 0.0 | 2.126 | 22.758 | 0.224 | 1.934 | 23.337 | 0.794 | 0.08 | 198.722 | 3.394 | 0.08 | 210.248 | 3.196 | 0.08 | 0.114 | 0.0 | 0.08 | 0.116 | 0.0 |
| 128 | 1548 | 1549 | NS | 1 | -34.731 | 19.576 | 0.0 | -34.976 | 19.339 | 0.0 | 2.126 | 22.758 | 0.224 | 1.934 | 23.337 | 0.794 | 0.08 | 198.722 | 3.394 | 0.08 | 210.248 | 3.196 | 0.08 | 0.114 | 0.0 | 0.08 | 0.116 | 0.0 |
| 129 | 1548 | 1549 | SN | 3 | -34.738 | 16.402 | 0.0 | -34.956 | 18.606 | 0.0 | 1.676 | 22.908 | 0.358 | 3.097 | 23.388 | 1.305 | 0.081 | 198.999 | 3.844 | 0.081 | 209.244 | 3.462 | 0.08 | 0.118 | 0.0 | 0.08 | 0.107 | 0.0 |
| 130 | 1548 | 1549 | SN | 1 | -34.738 | 16.402 | 0.0 | -34.956 | 18.606 | 0.0 | 1.676 | 22.908 | 0.358 | 3.097 | 23.388 | 1.305 | 0.081 | 198.999 | 3.844 | 0.081 | 209.244 | 3.462 | 0.08 | 0.118 | 0.0 | 0.08 | 0.107 | 0.0 |
| 131 | 1548 | 1549 | SN | 2 | -34.738 | 16.402 | 0.0 | -34.956 | 18.606 | 0.0 | 1.676 | 22.908 | 0.358 | 3.097 | 23.388 | 1.305 | 0.081 | 198.999 | 3.844 | 0.081 | 209.244 | 3.462 | 0.08 | 0.118 | 0.0 | 0.08 | 0.107 | 0.0 |
| 132 | 1549 | 1550 | NS | 1 | -34.365 | 19.307 | 0.0 | -34.937 | 19.923 | 0.0 | 1.563 | 23.374 | 0.347 | 1.246 | 23.433 | 0.708 | 0.08 | 183.329 | 2.766 | 0.08 | 208.339 | 2.978 | 0.08 | 0.119 | 0.0 | 0.08 | 0.123 | 0.0 |
| 133 | 1549 | 1550 | NS | 3 | -34.365 | 19.307 | 0.0 | -34.937 | 19.923 | 0.0 | 1.563 | 23.374 | 0.347 | 1.246 | 23.433 | 0.708 | 0.08 | 183.329 | 2.766 | 0.08 | 208.339 | 2.978 | 0.08 | 0.119 | 0.0 | 0.08 | 0.123 | 0.0 |
| 134 | 1549 | 1550 | NS | 2 | -34.365 | 19.307 | 0.0 | -34.937 | 19.923 | 0.0 | 1.563 | 23.374 | 0.347 | 1.246 | 23.433 | 0.708 | 0.08 | 183.329 | 2.766 | 0.08 | 208.339 | 2.978 | 0.08 | 0.119 | 0.0 | 0.08 | 0.123 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |