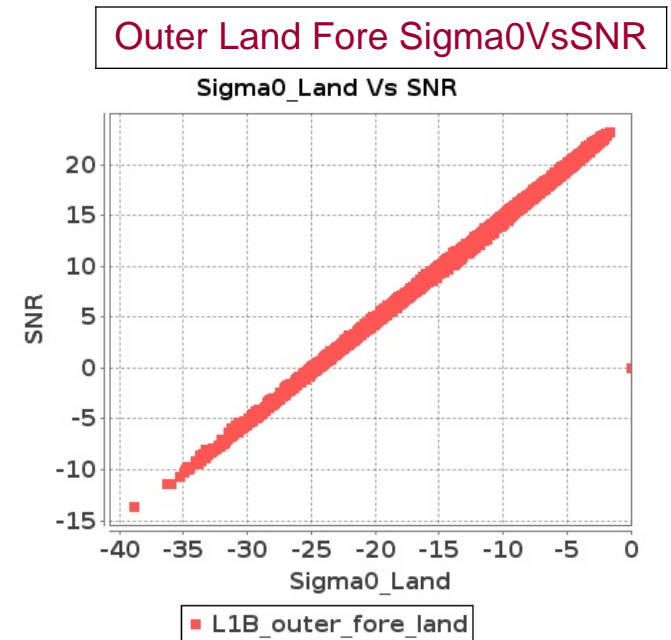
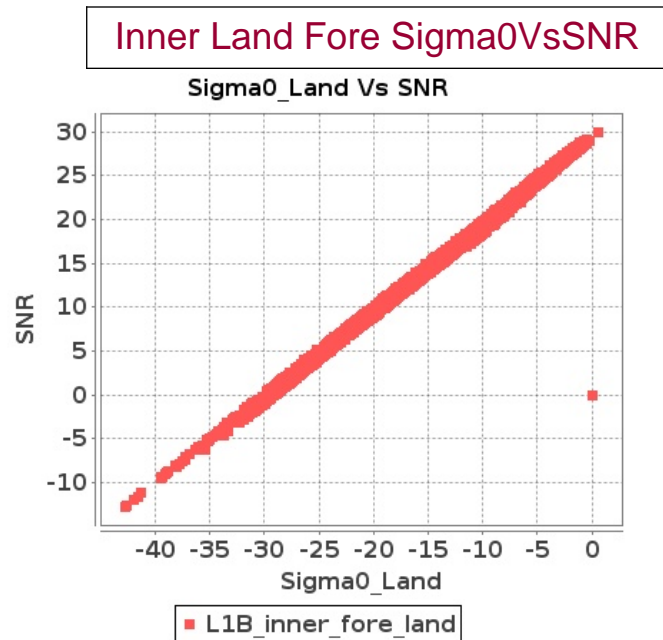
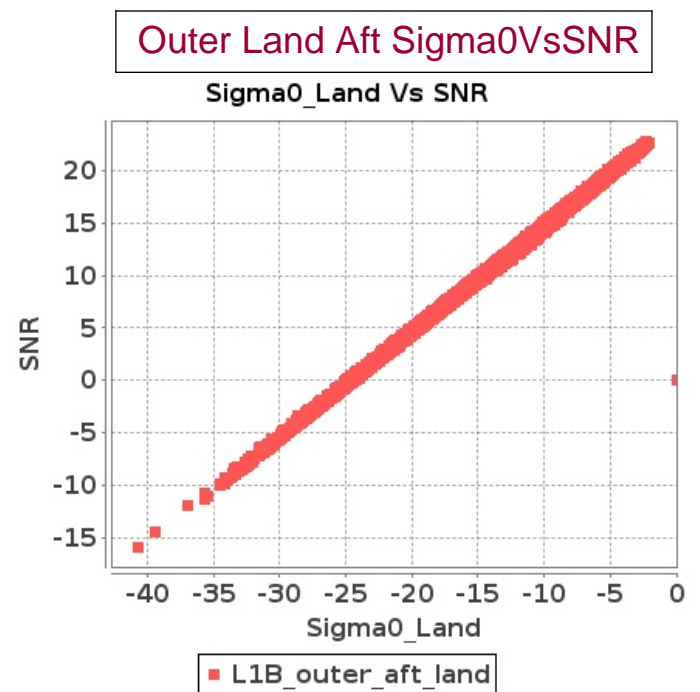
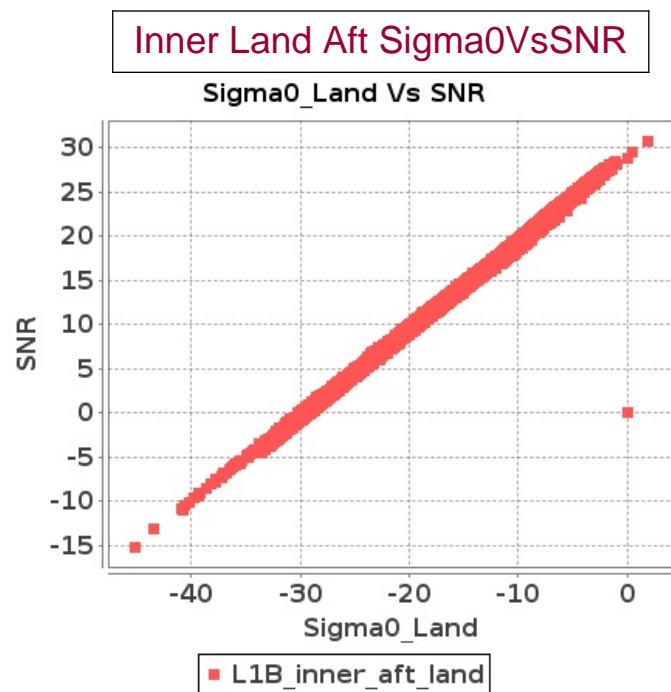
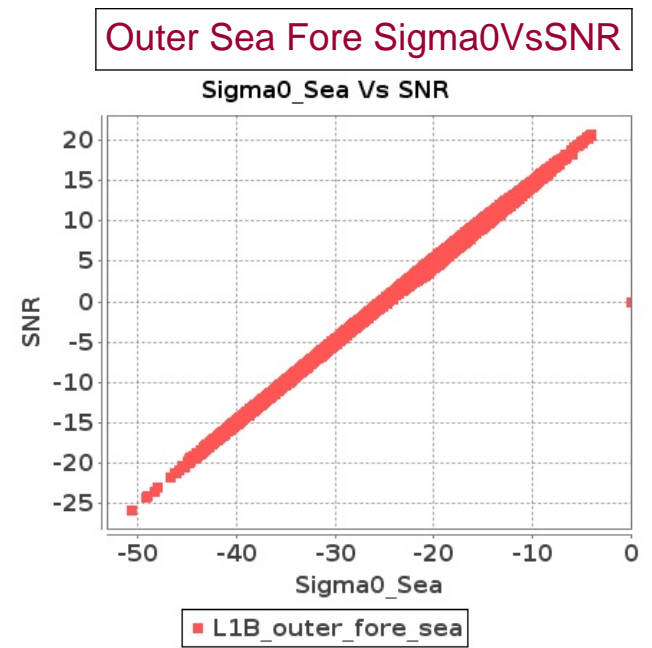
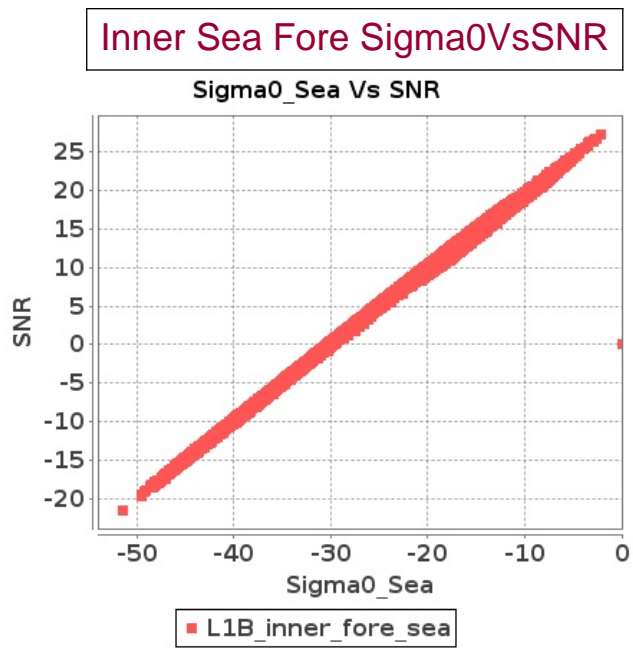
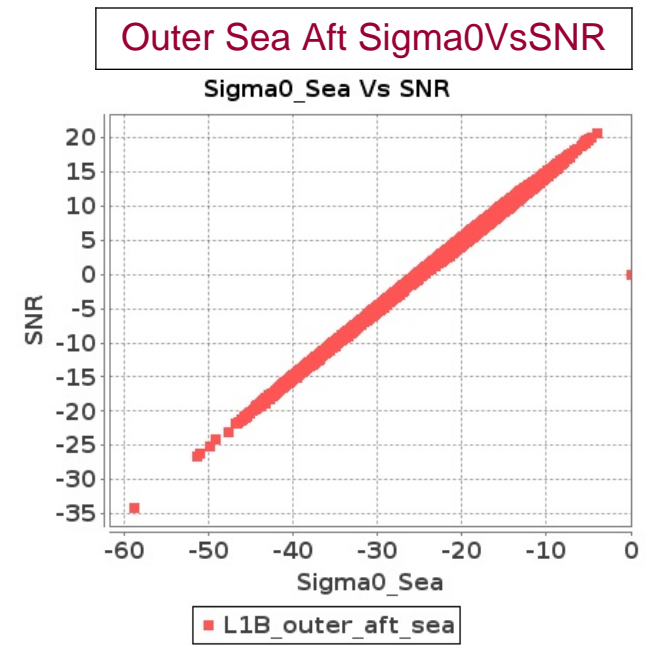
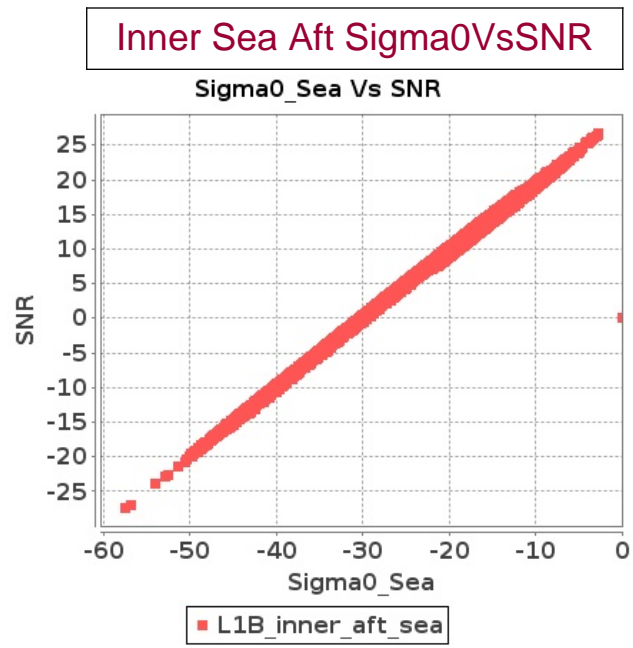
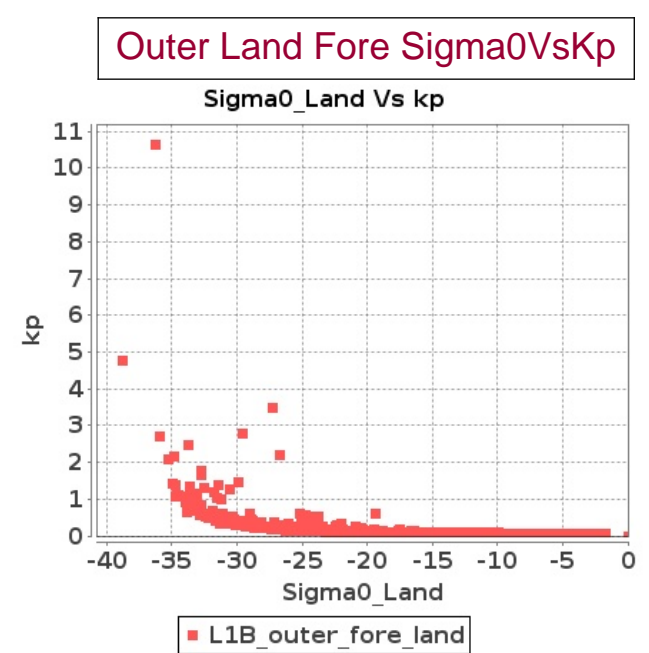
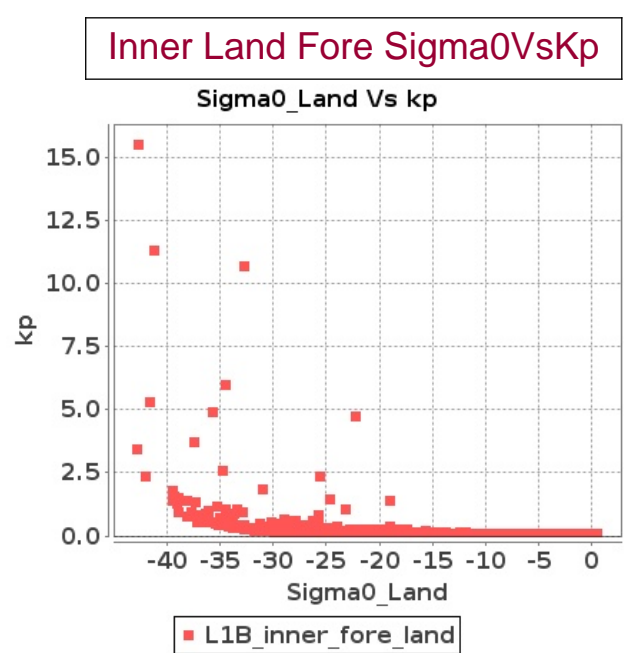
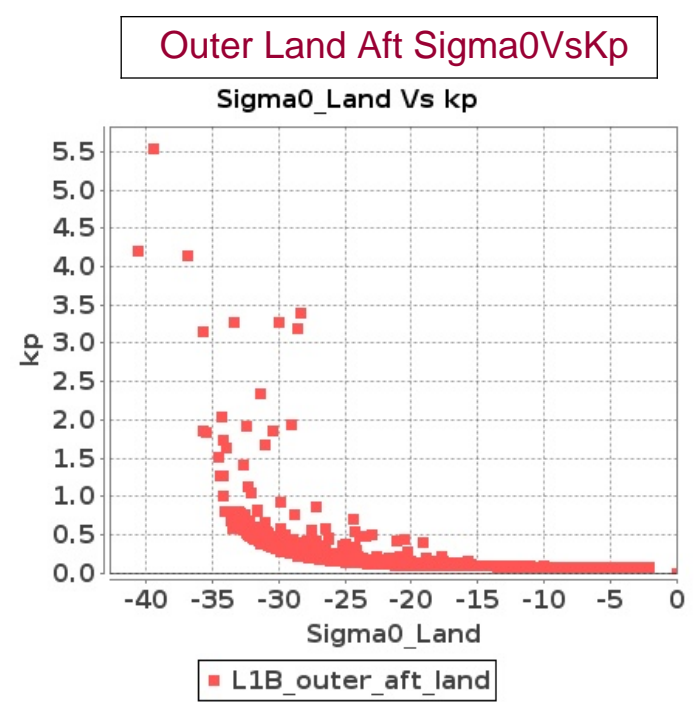
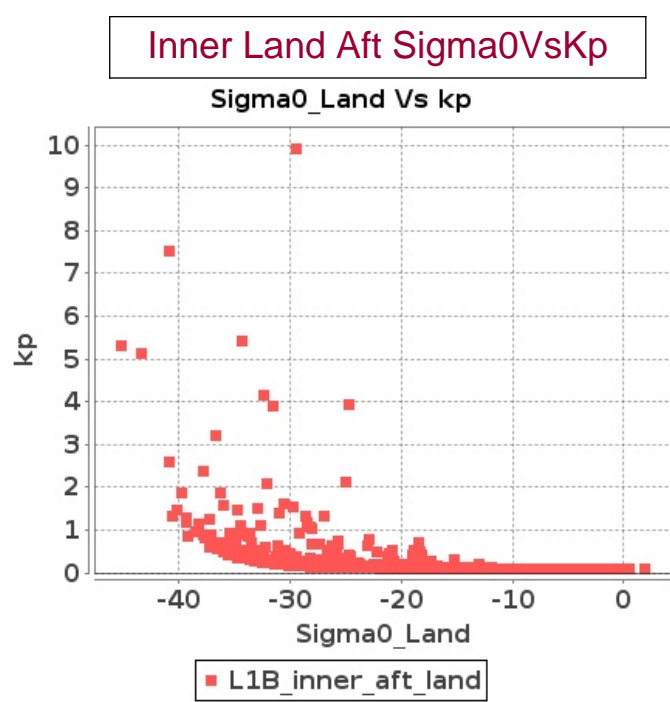
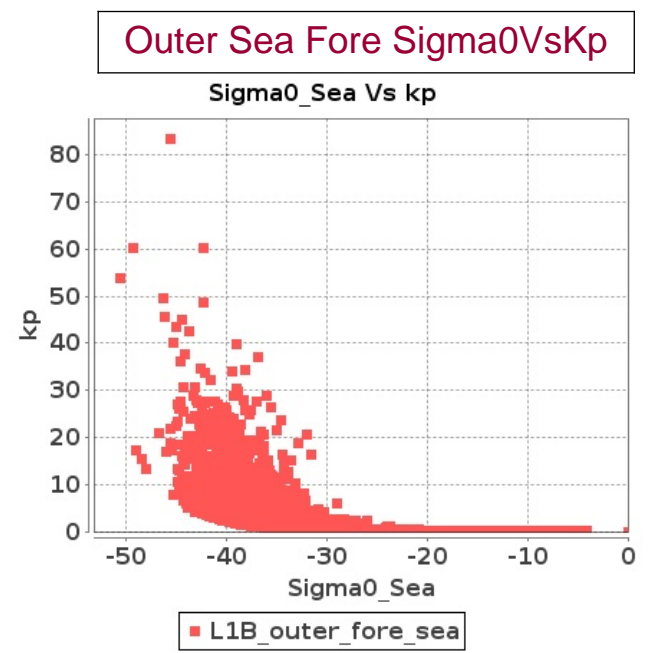
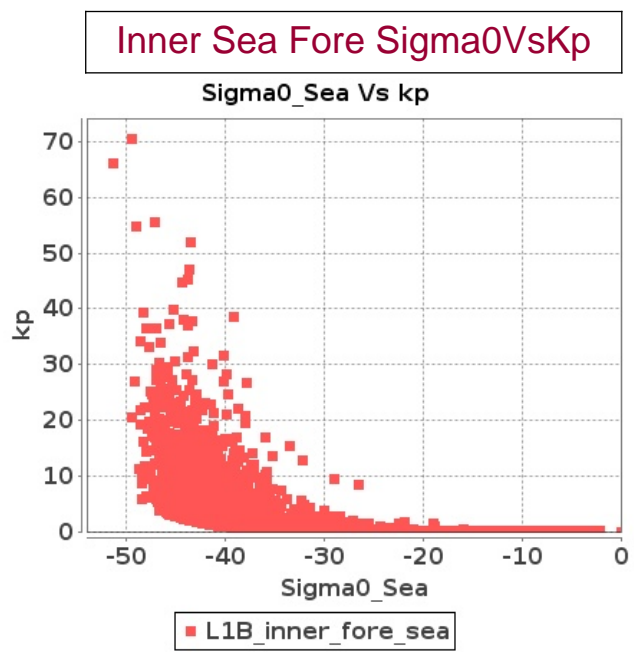
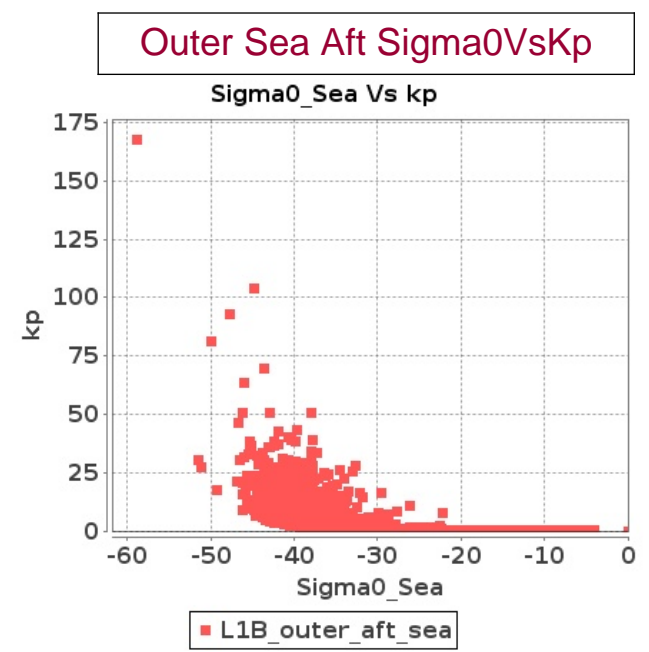
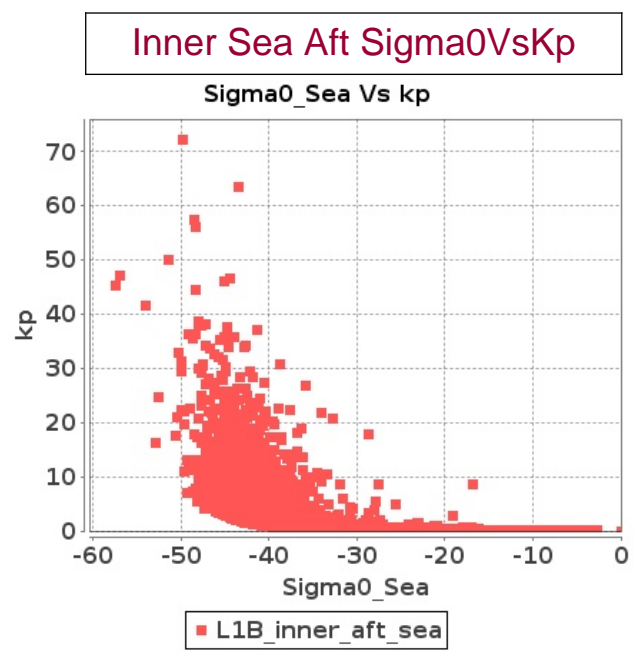


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 07-JAN-2017 To 08-JAN-2017





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

Report between 07-JAN-2017 To 08-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     | 1491        | 1492      | SN   | 2    | 48.796          | 49.337 | 0.0       | 0.003         | 1.291   | 0.384     | 1039.488 | 1071.696 | 0.0       | -91.992  | -90.095 | 0.0       |
| 2     | 1491        | 1492      | SN   | 4    | 48.796          | 49.337 | 0.0       | 0.003         | 1.291   | 0.339     | 1039.488 | 1071.696 | 0.0       | -91.992  | -90.095 | 0.0       |
| 3     | 1491        | 1492      | SN   | 1    | 48.796          | 49.337 | 0.0       | 0.003         | 1.291   | 0.384     | 1039.488 | 1071.696 | 0.0       | -91.992  | -90.095 | 0.0       |
| 4     | 1491        | 1492      | SN   | 3    | 48.796          | 49.337 | 0.0       | 0.003         | 1.291   | 0.339     | 1039.488 | 1071.696 | 0.0       | -91.992  | -90.095 | 0.0       |
| 5     | 1492        | 1493      | NS   | 2    | 48.799          | 49.308 | 0.0       | 0.003         | 211.462 | 0.388     | 1044.552 | 1071.896 | 0.0       | -91.204  | -90.12  | 0.0       |
| 6     | 1492        | 1493      | SN   | 2    | 48.799          | 49.281 | 0.0       | 0.003         | 1.291   | 0.388     | 1039.64  | 1071.608 | 0.0       | -91.385  | -90.052 | 0.0       |
| 7     | 1492        | 1493      | SN   | 4    | 48.799          | 49.281 | 0.0       | 0.003         | 1.291   | 0.339     | 1039.64  | 1071.608 | 0.0       | -91.385  | -90.052 | 0.0       |
| 8     | 1492        | 1493      | NS   | 4    | 48.799          | 49.308 | 0.0       | 0.003         | 1.291   | 0.339     | 1044.552 | 1071.896 | 0.0       | -91.204  | -90.12  | 0.0       |
| 9     | 1492        | 1493      | SN   | 1    | 48.799          | 49.281 | 0.0       | 0.003         | 1.291   | 0.388     | 1039.64  | 1071.608 | 0.0       | -91.385  | -90.052 | 0.0       |
| 10    | 1492        | 1493      | NS   | 1    | 48.799          | 49.308 | 0.0       | 0.003         | 211.462 | 0.388     | 1044.552 | 1071.896 | 0.0       | -91.204  | -90.12  | 0.0       |
| 11    | 1492        | 1493      | NS   | 3    | 48.799          | 49.308 | 0.0       | 0.003         | 1.291   | 0.339     | 1044.552 | 1071.896 | 0.0       | -91.204  | -90.12  | 0.0       |
| 12    | 1492        | 1493      | SN   | 3    | 48.799          | 49.281 | 0.0       | 0.003         | 1.291   | 0.339     | 1039.64  | 1071.608 | 0.0       | -91.385  | -90.052 | 0.0       |
| 13    | 1493        | 1494      | NS   | 5    | 48.824          | 49.341 | 0.0       | 0.003         | 1.291   | 0.318     | 1044.76  | 1072.072 | 0.0       | -91.197  | -90.127 | 0.0       |
| 14    | 1493        | 1494      | SN   | 2    | 48.782          | 49.32  | 0.0       | 0.003         | 1.291   | 0.367     | 1038.72  | 1071.728 | 0.0       | -91.532  | -90.087 | 0.0       |
| 15    | 1493        | 1494      | SN   | 6    | 48.782          | 49.32  | 0.0       | 0.003         | 1.291   | 0.32      | 1038.72  | 1071.728 | 0.0       | -91.532  | -90.087 | 0.0       |
| 16    | 1493        | 1494      | NS   | 3    | 48.825          | 49.333 | 0.0       | 0.003         | 1.291   | 0.363     | 1044.688 | 1072.048 | 0.0       | -91.197  | -90.127 | 0.0       |
| 17    | 1493        | 1494      | SN   | 4    | 48.788          | 49.316 | 0.0       | 0.003         | 1.291   | 0.367     | 1038.712 | 1071.744 | 0.0       | -91.438  | -90.087 | 0.0       |
| 18    | 1493        | 1494      | NS   | 1    | 48.824          | 49.341 | 0.0       | 0.003         | 1.291   | 0.363     | 1044.76  | 1072.072 | 0.0       | -91.197  | -90.127 | 0.0       |
| 19    | 1493        | 1494      | SN   | 8    | 48.782          | 49.32  | 0.0       | 0.003         | 1.291   | 0.32      | 1038.72  | 1071.728 | 0.0       | -91.532  | -90.087 | 0.0       |
| 20    | 1493        | 1494      | NS   | 7    | 48.824          | 49.341 | 0.0       | 0.003         | 1.291   | 0.318     | 1044.76  | 1072.072 | 0.0       | -91.197  | -90.127 | 0.0       |
| 21    | 1494        | 1495      | SN   | 4    | 48.798          | 49.283 | 0.0       | 0.003         | 341.494 | 0.315     | 1038.632 | 1071.872 | 0.0       | -91.204  | -90.095 | 0.0       |
| 22    | 1494        | 1495      | SN   | 1    | 48.798          | 49.283 | 0.0       | 0.003         | 341.494 | 0.36      | 1038.632 | 1071.872 | 0.0       | -91.204  | -90.095 | 0.0       |
| 23    | 1494        | 1495      | SN   | 3    | 48.798          | 49.283 | 0.0       | 0.003         | 341.494 | 0.315     | 1038.632 | 1071.872 | 0.0       | -91.204  | -90.095 | 0.0       |
| 24    | 1494        | 1495      | NS   | 1    | 48.829          | 49.35  | 0.0       | 0.003         | 1.291   | 0.36      | 1043.864 | 1072.168 | 0.0       | -91.488  | -90.135 | 0.0       |
| 25    | 1494        | 1495      | NS   | 4    | 48.829          | 49.35  | 0.0       | 0.003         | 1.291   | 0.316     | 1043.864 | 1072.168 | 0.0       | -91.488  | -90.135 | 0.0       |
| 26    | 1494        | 1495      | NS   | 2    | 48.829          | 49.35  | 0.0       | 0.003         | 1.291   | 0.36      | 1043.864 | 1072.168 | 0.0       | -91.488  | -90.135 | 0.0       |
| 27    | 1494        | 1495      | NS   | 3    | 48.829          | 49.35  | 0.0       | 0.003         | 1.291   | 0.316     | 1043.864 | 1072.168 | 0.0       | -91.488  | -90.135 | 0.0       |
| 28    | 1494        | 1495      | SN   | 2    | 48.798          | 49.283 | 0.0       | 0.003         | 341.494 | 0.36      | 1038.632 | 1071.872 | 0.0       | -91.204  | -90.095 | 0.0       |
| 29    | 1495        | 1496      | SN   | 8    | 48.788          | 49.315 | 0.0       | 0.003         | 1.291   | 0.315     | 1039.024 | 1071.792 | 0.0       | -91.153  | -90.095 | 0.0       |
| 30    | 1495        | 1496      | NS   | 3    | 48.827          | 49.348 | 0.0       | 0.003         | 1.291   | 0.376     | 1045.088 | 1072.096 | 0.0       | -91.302  | -90.14  | 0.0       |
| 31    | 1495        | 1496      | SN   | 2    | 48.788          | 49.315 | 0.0       | 0.003         | 1.291   | 0.362     | 1039.024 | 1071.792 | 0.0       | -91.153  | -90.095 | 0.0       |
| 32    | 1495        | 1496      | NS   | 7    | 48.815          | 49.352 | 0.0       | 0.003         | 1.291   | 0.329     | 1045.408 | 1072.144 | 0.0       | -91.213  | -90.14  | 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 | 1495 | 1496 | SN | 6 | 48.788 | 49.315 | 0.0 | 0.003 | 1.291   | 0.315 | 1039.024 | 1071.792 | 0.0 | -91.153 | -90.095 | 0.0 |
| 34 | 1495 | 1496 | SN | 4 | 48.788 | 49.315 | 0.0 | 0.003 | 1.291   | 0.362 | 1039.024 | 1071.792 | 0.0 | -91.153 | -90.095 | 0.0 |
| 35 | 1495 | 1496 | NS | 5 | 48.815 | 49.352 | 0.0 | 0.003 | 1.291   | 0.329 | 1045.408 | 1072.144 | 0.0 | -91.213 | -90.14  | 0.0 |
| 36 | 1495 | 1496 | NS | 1 | 48.815 | 49.352 | 0.0 | 0.003 | 1.291   | 0.375 | 1045.408 | 1072.144 | 0.0 | -91.213 | -90.14  | 0.0 |
| 37 | 1496 | 1497 | NS | 1 | 48.831 | 49.331 | 0.0 | 0.003 | 1.291   | 0.326 | 1045.472 | 1071.96  | 0.0 | -91.218 | -90.143 | 0.0 |
| 38 | 1496 | 1497 | NS | 3 | 48.831 | 49.331 | 0.0 | 0.003 | 1.291   | 0.326 | 1045.472 | 1071.96  | 0.0 | -91.218 | -90.143 | 0.0 |
| 39 | 1496 | 1497 | SN | 2 | 48.805 | 49.332 | 0.0 | 0.003 | 1.291   | 0.316 | 1039.4   | 1071.704 | 0.0 | -91.102 | -90.095 | 0.0 |
| 40 | 1496 | 1497 | NS | 1 | 48.831 | 49.331 | 0.0 | 0.003 | 1.291   | 0.372 | 1045.472 | 1071.96  | 0.0 | -91.218 | -90.143 | 0.0 |
| 41 | 1496 | 1497 | SN | 4 | 48.805 | 49.332 | 0.0 | 0.003 | 1.291   | 0.361 | 1039.4   | 1071.704 | 0.0 | -91.102 | -90.095 | 0.0 |
| 42 | 1496 | 1497 | SN | 4 | 48.805 | 49.332 | 0.0 | 0.003 | 1.291   | 0.316 | 1039.4   | 1071.704 | 0.0 | -91.102 | -90.095 | 0.0 |
| 43 | 1496 | 1497 | SN | 2 | 48.805 | 49.332 | 0.0 | 0.003 | 1.291   | 0.361 | 1039.4   | 1071.704 | 0.0 | -91.102 | -90.095 | 0.0 |
| 44 | 1496 | 1497 | NS | 3 | 48.831 | 49.331 | 0.0 | 0.003 | 1.291   | 0.372 | 1045.472 | 1071.96  | 0.0 | -91.218 | -90.143 | 0.0 |
| 45 | 1497 | 1498 | NS | 4 | 48.821 | 49.351 | 0.0 | 0.003 | 1.291   | 0.327 | 1044.76  | 1071.88  | 0.0 | -91.217 | -90.148 | 0.0 |
| 46 | 1497 | 1498 | SN | 1 | 48.791 | 49.301 | 0.0 | 0.003 | 1.291   | 0.37  | 1039.472 | 1071.56  | 0.0 | -91.217 | -90.096 | 0.0 |
| 47 | 1497 | 1498 | NS | 3 | 48.821 | 49.351 | 0.0 | 0.003 | 1.291   | 0.327 | 1044.76  | 1071.88  | 0.0 | -91.217 | -90.148 | 0.0 |
| 48 | 1497 | 1498 | NS | 1 | 48.821 | 49.351 | 0.0 | 0.003 | 1.291   | 0.374 | 1044.76  | 1071.88  | 0.0 | -91.217 | -90.148 | 0.0 |
| 49 | 1497 | 1498 | NS | 2 | 48.821 | 49.351 | 0.0 | 0.003 | 1.291   | 0.374 | 1044.76  | 1071.88  | 0.0 | -91.217 | -90.148 | 0.0 |
| 50 | 1497 | 1498 | SN | 4 | 48.791 | 49.301 | 0.0 | 0.003 | 1.291   | 0.323 | 1039.472 | 1071.56  | 0.0 | -91.217 | -90.096 | 0.0 |
| 51 | 1497 | 1498 | SN | 2 | 48.791 | 49.301 | 0.0 | 0.003 | 1.291   | 0.37  | 1039.472 | 1071.56  | 0.0 | -91.217 | -90.096 | 0.0 |
| 52 | 1497 | 1498 | SN | 3 | 48.791 | 49.301 | 0.0 | 0.003 | 1.291   | 0.323 | 1039.472 | 1071.56  | 0.0 | -91.217 | -90.096 | 0.0 |
| 53 | 1498 | 1499 | SN | 1 | 48.795 | 49.318 | 0.0 | 0.003 | 1.291   | 0.374 | 1039.168 | 1071.536 | 0.0 | -91.271 | -90.06  | 0.0 |
| 54 | 1498 | 1499 | NS | 1 | 48.813 | 49.328 | 0.0 | 0.003 | 1.291   | 0.371 | 1044.456 | 1071.824 | 0.0 | -91.184 | -90.149 | 0.0 |
| 55 | 1498 | 1499 | SN | 2 | 48.795 | 49.318 | 0.0 | 0.003 | 1.291   | 0.374 | 1039.168 | 1071.536 | 0.0 | -91.271 | -90.06  | 0.0 |
| 56 | 1498 | 1499 | NS | 4 | 48.823 | 49.332 | 0.0 | 0.003 | 1.291   | 0.325 | 1044.464 | 1071.848 | 0.0 | -91.184 | -90.149 | 0.0 |
| 57 | 1498 | 1499 | NS | 2 | 48.813 | 49.328 | 0.0 | 0.003 | 1.291   | 0.371 | 1044.456 | 1071.824 | 0.0 | -91.184 | -90.149 | 0.0 |
| 58 | 1498 | 1499 | SN | 1 | 48.795 | 49.318 | 0.0 | 0.003 | 1.291   | 0.33  | 1039.168 | 1071.456 | 0.0 | -91.271 | -90.06  | 0.0 |
| 59 | 1498 | 1499 | SN | 3 | 48.795 | 49.318 | 0.0 | 0.003 | 1.291   | 0.326 | 1039.168 | 1071.536 | 0.0 | -91.271 | -90.06  | 0.0 |
| 60 | 1499 | 1500 | SN | 5 | 48.812 | 49.322 | 0.0 | 0.003 | 1.291   | 0.329 | 1039.336 | 1071.672 | 0.0 | -91.23  | -90.086 | 0.0 |
| 61 | 1499 | 1500 | NS | 1 | 48.813 | 49.354 | 0.0 | 0.003 | 1.291   | 0.373 | 1045.008 | 1071.92  | 0.0 | -91.238 | -90.144 | 0.0 |
| 62 | 1499 | 1500 | SN | 1 | 48.812 | 49.322 | 0.0 | 0.003 | 1.291   | 0.377 | 1039.336 | 1071.672 | 0.0 | -91.23  | -90.086 | 0.0 |
| 63 | 1499 | 1500 | NS | 4 | 48.816 | 49.35  | 0.0 | 0.003 | 1.291   | 0.327 | 1045.048 | 1071.96  | 0.0 | -91.201 | -90.145 | 0.0 |
| 64 | 1499 | 1500 | NS | 2 | 48.813 | 49.354 | 0.0 | 0.003 | 1.291   | 0.373 | 1045.008 | 1071.92  | 0.0 | -91.238 | -90.144 | 0.0 |
| 65 | 1499 | 1500 | NS | 3 | 48.816 | 49.35  | 0.0 | 0.003 | 1.291   | 0.327 | 1045.048 | 1071.96  | 0.0 | -91.201 | -90.145 | 0.0 |
| 66 | 1499 | 1500 | SN | 2 | 48.812 | 49.322 | 0.0 | 0.003 | 1.291   | 0.377 | 1039.336 | 1071.672 | 0.0 | -91.23  | -90.086 | 0.0 |
| 67 | 1500 | 1501 | NS | 2 | 48.816 | 49.343 | 0.0 | 0.003 | 1.291   | 0.382 | 1044.752 | 1071.936 | 0.0 | -91.384 | -90.096 | 0.0 |
| 68 | 1500 | 1501 | SN | 3 | 48.8   | 49.324 | 0.0 | 0.003 | 272.562 | 0.317 | 1039.472 | 1071.68  | 0.0 | -91.389 | -90.083 | 0.0 |
| 69 | 1500 | 1501 | SN | 5 | 48.8   | 49.324 | 0.0 | 0.003 | 272.562 | 0.317 | 1039.472 | 1071.68  | 0.0 | -91.389 | -90.083 | 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  | 1500 | 1501 | NS | 4 | 48.816 | 49.343 | 0.0 | 0.003 | 1.291   | 0.335 | 1044.752 | 1071.936 | 0.0 | -91.384 | -90.096 | 0.0 |
| 71  | 1500 | 1501 | NS | 1 | 48.816 | 49.343 | 0.0 | 0.003 | 1.291   | 0.382 | 1044.752 | 1071.936 | 0.0 | -91.384 | -90.096 | 0.0 |
| 72  | 1500 | 1501 | SN | 2 | 48.8   | 49.324 | 0.0 | 0.003 | 272.562 | 0.363 | 1039.472 | 1071.68  | 0.0 | -91.389 | -90.083 | 0.0 |
| 73  | 1500 | 1501 | SN | 1 | 48.8   | 49.324 | 0.0 | 0.003 | 272.562 | 0.363 | 1039.472 | 1071.68  | 0.0 | -91.389 | -90.083 | 0.0 |
| 74  | 1500 | 1501 | NS | 6 | 48.816 | 49.343 | 0.0 | 0.003 | 1.291   | 0.335 | 1044.752 | 1071.936 | 0.0 | -91.384 | -90.096 | 0.0 |
| 75  | 1501 | 1502 | NS | 2 | 48.837 | 49.334 | 0.0 | 0.003 | 1.291   | 0.331 | 1044.36  | 1071.808 | 0.0 | -91.234 | -90.129 | 0.0 |
| 76  | 1501 | 1502 | NS | 1 | 48.837 | 49.334 | 0.0 | 0.003 | 1.291   | 0.378 | 1044.36  | 1071.808 | 0.0 | -91.234 | -90.129 | 0.0 |
| 77  | 1501 | 1502 | NS | 3 | 48.837 | 49.334 | 0.0 | 0.003 | 1.291   | 0.331 | 1044.36  | 1071.808 | 0.0 | -91.234 | -90.129 | 0.0 |
| 78  | 1501 | 1502 | NS | 1 | 48.837 | 49.334 | 0.0 | 0.003 | 1.291   | 0.378 | 1044.36  | 1071.808 | 0.0 | -91.234 | -90.129 | 0.0 |
| 79  | 1501 | 1502 | SN | 1 | 48.797 | 49.33  | 0.0 | 0.003 | 1.291   | 0.366 | 1039.28  | 1071.544 | 0.0 | -91.673 | -90.111 | 0.0 |
| 80  | 1501 | 1502 | SN | 2 | 48.797 | 49.33  | 0.0 | 0.003 | 1.291   | 0.366 | 1039.28  | 1071.544 | 0.0 | -91.673 | -90.111 | 0.0 |
| 81  | 1501 | 1502 | SN | 3 | 48.797 | 49.33  | 0.0 | 0.003 | 1.291   | 0.319 | 1039.28  | 1071.544 | 0.0 | -91.673 | -90.111 | 0.0 |
| 82  | 1502 | 1503 | NS | 4 | 48.814 | 49.343 | 0.0 | 0.003 | 1.291   | 0.329 | 1044.4   | 1071.808 | 0.0 | -91.172 | -90.148 | 0.0 |
| 83  | 1502 | 1503 | NS | 1 | 48.814 | 49.343 | 0.0 | 0.003 | 1.291   | 0.376 | 1044.4   | 1071.808 | 0.0 | -91.172 | -90.148 | 0.0 |
| 84  | 1502 | 1503 | NS | 3 | 48.814 | 49.343 | 0.0 | 0.003 | 1.291   | 0.329 | 1044.4   | 1071.808 | 0.0 | -91.172 | -90.148 | 0.0 |
| 85  | 1502 | 1503 | NS | 2 | 48.814 | 49.343 | 0.0 | 0.003 | 1.291   | 0.376 | 1044.4   | 1071.808 | 0.0 | -91.172 | -90.148 | 0.0 |
| 86  | 1502 | 1503 | SN | 1 | 48.793 | 49.331 | 0.0 | 0.003 | 1.291   | 0.377 | 1040.0   | 1071.56  | 0.0 | -91.473 | -90.069 | 0.0 |
| 87  | 1502 | 1503 | SN | 1 | 48.792 | 49.306 | 0.0 | 0.003 | 1.291   | 0.329 | 1040.016 | 1071.56  | 0.0 | -91.364 | -90.069 | 0.0 |
| 88  | 1502 | 1503 | SN | 2 | 48.792 | 49.306 | 0.0 | 0.003 | 1.291   | 0.329 | 1040.016 | 1071.56  | 0.0 | -91.364 | -90.069 | 0.0 |
| 89  | 1502 | 1503 | SN | 2 | 48.793 | 49.331 | 0.0 | 0.003 | 1.291   | 0.377 | 1040.0   | 1071.56  | 0.0 | -91.473 | -90.069 | 0.0 |
| 90  | 1503 | 1504 | NS | 3 | 48.828 | 49.344 | 0.0 | 0.003 | 1.291   | 0.322 | 1044.848 | 1072.016 | 0.0 | -91.405 | -90.146 | 0.0 |
| 91  | 1503 | 1504 | SN | 1 | 48.795 | 49.328 | 0.0 | 0.003 | 1.291   | 0.375 | 1040.096 | 1071.624 | 0.0 | -91.174 | -90.087 | 0.0 |
| 92  | 1503 | 1504 | NS | 1 | 48.82  | 49.349 | 0.0 | 0.003 | 1.291   | 0.369 | 1044.688 | 1071.832 | 0.0 | -91.917 | -90.146 | 0.0 |
| 93  | 1503 | 1504 | NS | 4 | 48.828 | 49.344 | 0.0 | 0.003 | 1.291   | 0.322 | 1044.848 | 1072.016 | 0.0 | -91.405 | -90.146 | 0.0 |
| 94  | 1503 | 1504 | NS | 2 | 48.82  | 49.349 | 0.0 | 0.003 | 1.291   | 0.369 | 1044.688 | 1071.832 | 0.0 | -91.917 | -90.146 | 0.0 |
| 95  | 1503 | 1504 | SN | 2 | 48.795 | 49.328 | 0.0 | 0.003 | 1.291   | 0.375 | 1040.096 | 1071.624 | 0.0 | -91.174 | -90.087 | 0.0 |
| 96  | 1503 | 1504 | SN | 1 | 48.792 | 49.336 | 0.0 | 0.003 | 1.291   | 0.328 | 1040.088 | 1071.624 | 0.0 | -91.174 | -90.087 | 0.0 |
| 97  | 1503 | 1504 | SN | 2 | 48.792 | 49.336 | 0.0 | 0.003 | 1.291   | 0.328 | 1040.088 | 1071.624 | 0.0 | -91.174 | -90.087 | 0.0 |
| 98  | 1504 | 1505 | NS | 2 | 48.827 | 49.346 | 0.0 | 0.003 | 1.291   | 0.371 | 1044.68  | 1071.568 | 0.0 | -91.207 | -90.144 | 0.0 |
| 99  | 1504 | 1505 | NS | 1 | 48.827 | 49.346 | 0.0 | 0.003 | 1.291   | 0.371 | 1044.68  | 1071.568 | 0.0 | -91.207 | -90.144 | 0.0 |
| 100 | 1504 | 1505 | SN | 1 | 48.799 | 49.319 | 0.0 | 0.003 | 182.26  | 0.367 | 1039.664 | 1071.624 | 0.0 | -91.193 | -90.102 | 0.0 |
| 101 | 1504 | 1505 | SN | 2 | 48.799 | 49.319 | 0.0 | 0.003 | 182.26  | 0.367 | 1039.664 | 1071.624 | 0.0 | -91.193 | -90.102 | 0.0 |
| 102 | 1504 | 1505 | NS | 1 | 48.82  | 49.333 | 0.0 | 0.003 | 1.291   | 0.324 | 1044.72  | 1071.864 | 0.0 | -91.453 | -90.144 | 0.0 |
| 103 | 1504 | 1505 | NS | 2 | 48.82  | 49.333 | 0.0 | 0.003 | 1.291   | 0.324 | 1044.72  | 1071.864 | 0.0 | -91.453 | -90.144 | 0.0 |
| 104 | 1504 | 1505 | SN | 3 | 48.799 | 49.319 | 0.0 | 0.003 | 1.291   | 0.321 | 1039.664 | 1071.624 | 0.0 | -91.193 | -90.102 | 0.0 |
| 105 | 1505 | 1506 | SN | 3 | 48.789 | 49.331 | 0.0 | 0.003 | 1.291   | 0.326 | 1039.496 | 1071.696 | 0.0 | -91.194 | -90.103 | 0.0 |
| 106 | 1505 | 1506 | NS | 2 | 48.842 | 49.345 | 0.0 | 0.003 | 186.479 | 0.369 | 1043.976 | 1071.92  | 0.0 | -91.179 | -90.133 | 0.0 |

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

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





|     |      |      |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 1505 | 1506 | SN | 2 | 48.789 | 49.331 | 0.0 | 0.003 | 192.589 | 0.373 | 1039.496 | 1071.696 | 0.0 | -91.194 | -90.103 | 0.0 |
| 108 | 1505 | 1506 | SN | 1 | 48.789 | 49.331 | 0.0 | 0.003 | 192.589 | 0.373 | 1039.496 | 1071.696 | 0.0 | -91.194 | -90.103 | 0.0 |
| 109 | 1505 | 1506 | NS | 3 | 48.842 | 49.345 | 0.0 | 0.003 | 1.291   | 0.324 | 1043.976 | 1071.92  | 0.0 | -91.179 | -90.133 | 0.0 |
| 110 | 1505 | 1506 | NS | 1 | 48.842 | 49.345 | 0.0 | 0.003 | 186.479 | 0.369 | 1043.976 | 1071.92  | 0.0 | -91.179 | -90.133 | 0.0 |
| 111 | 1506 | 1507 | NS | 3 | 48.82  | 49.346 | 0.0 | 0.003 | 1.291   | 0.333 | 1044.04  | 1071.872 | 0.0 | -91.118 | -90.103 | 0.0 |
| 112 | 1506 | 1507 | NS | 1 | 48.82  | 49.346 | 0.0 | 0.003 | 196.544 | 0.381 | 1044.04  | 1071.872 | 0.0 | -91.118 | -90.103 | 0.0 |
| 113 | 1506 | 1507 | NS | 2 | 48.82  | 49.346 | 0.0 | 0.003 | 196.544 | 0.381 | 1044.04  | 1071.872 | 0.0 | -91.118 | -90.103 | 0.0 |
| 114 | 1506 | 1507 | SN | 1 | 48.834 | 49.286 | 0.0 | 0.003 | 1.291   | 0.388 | 1040.296 | 1071.6   | 0.0 | -91.217 | -90.087 | 0.0 |
| 115 | 1507 | 1508 | NS | 1 | 48.809 | 49.349 | 0.0 | 0.003 | 204.077 | 0.37  | 1044.12  | 1071.776 | 0.0 | -91.187 | -90.126 | 0.0 |
| 116 | 1507 | 1508 | SN | 1 | 48.822 | 49.305 | 0.0 | 0.003 | 1.291   | 0.38  | 1039.552 | 1071.52  | 0.0 | -91.922 | -90.054 | 0.0 |
| 117 | 1508 | 1509 | SN | 1 | 48.789 | 49.292 | 0.0 | 0.003 | 1.291   | 0.364 | 1039.264 | 1071.64  | 0.0 | -91.256 | -90.103 | 0.0 |
| 118 | 1508 | 1509 | NS | 1 | 48.815 | 49.337 | 0.0 | 0.003 | 1.291   | 0.363 | 1044.208 | 1071.992 | 0.0 | -91.507 | -90.13  | 0.0 |
| 119 | 1509 | 1510 | SN | 1 | 48.788 | 49.314 | 0.0 | 0.003 | 1.291   | 0.32  | 1039.456 | 1071.624 | 0.0 | -91.119 | -90.101 | 0.0 |
| 120 | 1509 | 1510 | SN | 1 | 48.788 | 49.314 | 0.0 | 0.003 | 1.291   | 0.361 | 1039.456 | 1071.712 | 0.0 | -91.119 | -90.101 | 0.0 |
| 121 | 1509 | 1510 | NS | 1 | 48.826 | 49.35  | 0.0 | 0.003 | 220.457 | 0.365 | 1044.304 | 1072.0   | 0.0 | -91.218 | -90.148 | 0.0 |
| 122 | 1510 | 1511 | SN | 1 | 48.787 | 49.295 | 0.0 | 0.003 | 1.291   | 0.326 | 1039.896 | 1071.6   | 0.0 | -91.157 | -90.101 | 0.0 |
| 123 | 1510 | 1511 | NS | 2 | 48.82  | 49.341 | 0.0 | 0.003 | 1.291   | 0.326 | 1044.952 | 1071.864 | 0.0 | -91.436 | -90.106 | 0.0 |
| 124 | 1510 | 1511 | SN | 1 | 48.787 | 49.295 | 0.0 | 0.003 | 1.291   | 0.364 | 1039.896 | 1071.496 | 0.0 | -91.157 | -90.101 | 0.0 |
| 125 | 1510 | 1511 | NS | 1 | 48.82  | 49.341 | 0.0 | 0.003 | 1.291   | 0.373 | 1044.952 | 1071.864 | 0.0 | -91.436 | -90.106 | 0.0 |
| 126 | 1511 | 1512 | NS | 2 | 48.812 | 49.338 | 0.0 | 0.003 | 1.291   | 0.376 | 1044.448 | 1071.776 | 0.0 | -91.476 | -90.124 | 0.0 |
| 127 | 1511 | 1512 | SN | 1 | 48.794 | 49.323 | 0.0 | 0.003 | 1.291   | 0.364 | 1039.624 | 1071.52  | 0.0 | -91.671 | -90.103 | 0.0 |
| 128 | 1512 | 1513 | SN | 2 | 48.799 | 49.33  | 0.0 | 0.003 | 1.291   | 0.372 | 1039.776 | 1071.416 | 0.0 | -91.613 | -90.094 | 0.0 |
| 129 | 1512 | 1513 | NS | 1 | 48.811 | 49.342 | 0.0 | 0.003 | 1.291   | 0.374 | 1044.064 | 1071.632 | 0.0 | -91.604 | -90.141 | 0.0 |
| 130 | 1513 | 1514 | NS | 1 | 48.809 | 49.334 | 0.0 | 0.003 | 1.291   | 0.366 | 1043.704 | 1071.648 | 0.0 | -91.584 | -90.136 | 0.0 |
| 131 | 1513 | 1514 | SN | 1 | 48.807 | 49.323 | 0.0 | 0.003 | 1.291   | 0.379 | 1039.912 | 1071.488 | 0.0 | -91.209 | -90.079 | 0.0 |
| 132 | 1514 | 1515 | NS | 1 | 48.817 | 49.329 | 0.0 | 0.003 | 1.291   | 0.375 | 1044.376 | 1071.696 | 0.0 | -91.239 | -90.095 | 0.0 |
| 133 | 1514 | 1515 | SN | 1 | 48.802 | 49.293 | 0.0 | 0.003 | 1.291   | 0.372 | 1040.024 | 1071.568 | 0.0 | -91.212 | -90.093 | 0.0 |
| 134 | 1515 | 1516 | SN | 1 | 48.788 | 49.308 | 0.0 | 0.003 | 1.291   | 0.363 | 1040.112 | 1071.496 | 0.0 | -91.206 | -90.094 | 0.0 |
| 135 | 1515 | 1516 | NS | 1 | 48.816 | 49.303 | 0.0 | 0.003 | 1.291   | 0.383 | 1043.696 | 1071.656 | 0.0 | -91.234 | -90.117 | 0.0 |
| 136 | 1516 | 1517 | SN | 1 | 48.799 | 49.322 | 0.0 | 0.003 | 1.291   | 0.365 | 1040.088 | 1071.36  | 0.0 | -91.411 | -90.099 | 0.0 |
| 137 | 1516 | 1517 | NS | 1 | 48.809 | 49.344 | 0.0 | 0.003 | 1.291   | 0.377 | 1043.704 | 1071.568 | 0.0 | -91.732 | -90.142 | 0.0 |
| 138 | 1517 | 1518 | SN | 1 | 48.79  | 49.329 | 0.0 | 0.003 | 1.291   | 0.371 | 1039.984 | 1071.4   | 0.0 | -91.275 | -90.069 | 0.0 |
| 139 | 1517 | 1518 | NS | 1 | 48.817 | 49.303 | 0.0 | 0.003 | 1.291   | 0.374 | 1043.832 | 1071.512 | 0.0 | -91.185 | -90.142 | 0.0 |
| 140 | 1518 | 1519 | SN | 1 | 48.802 | 49.34  | 0.0 | 0.003 | 1.291   | 0.372 | 1040.176 | 1071.44  | 0.0 | -91.774 | -90.105 | 0.0 |
| 141 | 1518 | 1519 | NS | 1 | 48.805 | 49.342 | 0.0 | 0.003 | 1.291   | 0.37  | 1044.096 | 1071.528 | 0.0 | -91.564 | -90.139 | 0.0 |
| 142 | 1519 | 1520 | NS | 1 | 48.797 | 49.346 | 0.0 | 0.003 | 1.291   | 0.368 | 1043.512 | 1071.576 | 0.0 | -91.418 | -90.138 | 0.0 |
| 143 | 1519 | 1520 | SN | 2 | 48.788 | 49.299 | 0.0 | 0.003 | 1.291   | 0.367 | 1040.184 | 1071.464 | 0.0 | -91.209 | -90.11  | 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 |

|     |      |      |    |   |        |        |     |       |       |      |          |          |     |         |       |     |
|-----|------|------|----|---|--------|--------|-----|-------|-------|------|----------|----------|-----|---------|-------|-----|
| 144 | 1520 | 1521 | NS | 1 | 48.817 | 49.304 | 0.0 | 0.003 | 1.291 | 0.37 | 1043.344 | 1071.592 | 0.0 | -91.107 | -90.1 | 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     | 1491        | 1492      | SN   | 2       | -34.444 | 21.932 | 0.0        | -34.75  | 23.821 | 0.078      | 6.329  | 27.93  | 15.361     | 9.689  | 28.298 | 12.151     | 0.103 | 234.977 | 2.269      | 0.103 | 252.209 | 2.268      | 0.103 | 0.118 | 0.0        | 0.103 | 0.11  | 0.0        |
| 2     | 1491        | 1492      | SN   | 4       | -34.444 | 21.932 | 0.0        | -34.75  | 23.821 | 0.078      | 6.329  | 27.93  | 15.361     | 9.689  | 28.298 | 12.151     | 0.103 | 234.977 | 2.269      | 0.103 | 252.209 | 2.268      | 0.103 | 0.118 | 0.0        | 0.103 | 0.11  | 0.0        |
| 3     | 1491        | 1492      | SN   | 1       | -34.444 | 21.932 | 0.0        | -34.75  | 23.821 | 0.078      | 6.329  | 27.93  | 15.361     | 9.689  | 28.298 | 12.151     | 0.103 | 234.977 | 2.269      | 0.103 | 252.209 | 2.268      | 0.103 | 0.118 | 0.0        | 0.103 | 0.11  | 0.0        |
| 4     | 1491        | 1492      | SN   | 3       | -34.444 | 21.932 | 0.0        | -34.75  | 23.821 | 0.078      | 6.329  | 27.93  | 15.361     | 9.689  | 28.298 | 12.151     | 0.103 | 234.977 | 2.269      | 0.103 | 252.209 | 2.268      | 0.103 | 0.118 | 0.0        | 0.103 | 0.11  | 0.0        |
| 5     | 1492        | 1493      | NS   | 2       | -34.051 | 24.347 | 0.045      | -34.178 | 22.207 | 0.001      | 7.265  | 33.341 | 12.716     | 7.185  | 35.334 | 20.625     | 0.103 | 214.694 | 2.045      | 0.103 | 221.058 | 1.92       | 0.102 | 0.115 | 0.0        | 0.102 | 0.116 | 0.0        |
| 6     | 1492        | 1493      | SN   | 2       | -34.711 | 23.275 | 0.161      | -34.472 | 24.438 | 0.522      | -9.599 | 29.729 | 10.725     | -2.936 | 28.53  | 12.719     | 0.103 | 249.942 | 2.983      | 0.103 | 236.532 | 2.831      | 0.103 | 0.852 | 0.0        | 0.103 | 0.254 | 0.0        |
| 7     | 1492        | 1493      | SN   | 4       | -34.711 | 23.275 | 0.161      | -34.472 | 24.438 | 0.522      | -9.599 | 29.729 | 10.725     | -2.936 | 28.53  | 12.719     | 0.103 | 249.942 | 2.983      | 0.103 | 236.532 | 2.831      | 0.103 | 0.852 | 0.0        | 0.103 | 0.254 | 0.0        |
| 8     | 1492        | 1493      | NS   | 4       | -34.051 | 24.347 | 0.045      | -34.178 | 22.207 | 0.001      | 7.265  | 33.341 | 12.716     | 7.185  | 35.334 | 20.625     | 0.103 | 214.694 | 2.045      | 0.103 | 221.058 | 1.92       | 0.102 | 0.115 | 0.0        | 0.102 | 0.116 | 0.0        |
| 9     | 1492        | 1493      | SN   | 1       | -34.711 | 23.275 | 0.161      | -34.472 | 24.438 | 0.522      | -9.599 | 29.729 | 10.725     | -2.936 | 28.53  | 12.719     | 0.103 | 249.942 | 2.983      | 0.103 | 236.532 | 2.831      | 0.103 | 0.852 | 0.0        | 0.103 | 0.254 | 0.0        |
| 10    | 1492        | 1493      | NS   | 1       | -34.051 | 24.347 | 0.045      | -34.178 | 22.207 | 0.001      | 7.265  | 33.341 | 12.716     | 7.185  | 35.334 | 20.625     | 0.103 | 214.694 | 2.045      | 0.103 | 221.058 | 1.92       | 0.102 | 0.115 | 0.0        | 0.102 | 0.116 | 0.0        |
| 11    | 1492        | 1493      | NS   | 3       | -34.051 | 24.347 | 0.045      | -34.178 | 22.207 | 0.001      | 7.265  | 33.341 | 12.716     | 7.185  | 35.334 | 20.625     | 0.103 | 214.694 | 2.045      | 0.103 | 221.058 | 1.92       | 0.102 | 0.115 | 0.0        | 0.102 | 0.116 | 0.0        |
| 12    | 1492        | 1493      | SN   | 3       | -34.711 | 23.275 | 0.161      | -34.472 | 24.438 | 0.522      | -9.599 | 29.729 | 10.725     | -2.936 | 28.53  | 12.719     | 0.103 | 249.942 | 2.983      | 0.103 | 236.532 | 2.831      | 0.103 | 0.852 | 0.0        | 0.103 | 0.254 | 0.0        |
| 13    | 1493        | 1494      | NS   | 5       | -34.549 | 23.731 | 0.028      | -34.273 | 24.864 | 0.039      | -3.094 | 30.66  | 6.234      | -1.844 | 30.024 | 14.431     | 0.103 | 240.79  | 3.118      | 0.103 | 226.01  | 2.477      | 0.103 | 0.26  | 0.0        | 0.103 | 0.219 | 0.0        |
| 14    | 1493        | 1494      | SN   | 2       | -34.611 | 23.586 | 0.111      | -34.374 | 24.107 | 0.341      | 7.746  | 28.826 | 8.537      | 7.893  | 28.874 | 4.314      | 0.103 | 244.192 | 5.975      | 0.103 | 231.305 | 5.332      | 0.103 | 0.114 | 0.0        | 0.103 | 0.113 | 0.0        |
| 15    | 1493        | 1494      | SN   | 6       | -34.611 | 23.586 | 0.111      | -34.374 | 24.107 | 0.341      | 7.746  | 28.826 | 8.537      | 7.893  | 28.874 | 4.314      | 0.103 | 244.192 | 5.975      | 0.103 | 231.305 | 5.332      | 0.103 | 0.114 | 0.0        | 0.103 | 0.113 | 0.0        |
| 16    | 1493        | 1494      | NS   | 3       | -34.889 | 23.73  | 0.028      | -34.371 | 24.864 | 0.04       | -3.091 | 30.66  | 6.226      | -1.844 | 30.023 | 14.423     | 0.103 | 260.417 | 3.113      | 0.103 | 231.081 | 2.477      | 0.103 | 0.26  | 0.0        | 0.103 | 0.219 | 0.0        |
| 17    | 1493        | 1494      | SN   | 4       | -34.748 | 23.586 | 0.111      | -34.649 | 24.107 | 0.341      | 7.751  | 28.826 | 8.533      | 7.892  | 28.872 | 4.319      | 0.103 | 252.053 | 5.972      | 0.103 | 246.401 | 5.327      | 0.103 | 0.114 | 0.0        | 0.103 | 0.113 | 0.0        |
| 18    | 1493        | 1494      | NS   | 1       | -34.549 | 23.731 | 0.028      | -34.273 | 24.864 | 0.039      | -3.094 | 30.66  | 6.234      | -1.844 | 30.024 | 14.431     | 0.103 | 240.79  | 3.118      | 0.103 | 226.01  | 2.477      | 0.103 | 0.26  | 0.0        | 0.103 | 0.219 | 0.0        |
| 19    | 1493        | 1494      | SN   | 8       | -34.611 | 23.586 | 0.111      | -34.374 | 24.107 | 0.341      | 7.746  | 28.826 | 8.537      | 7.893  | 28.874 | 4.314      | 0.103 | 244.192 | 5.975      | 0.103 | 231.305 | 5.332      | 0.103 | 0.114 | 0.0        | 0.103 | 0.113 | 0.0        |
| 20    | 1493        | 1494      | NS   | 7       | -34.549 | 23.731 | 0.028      | -34.273 | 24.864 | 0.039      | -3.094 | 30.66  | 6.234      | -1.844 | 30.024 | 14.431     | 0.103 | 240.79  | 3.118      | 0.103 | 226.01  | 2.477      | 0.103 | 0.26  | 0.0        | 0.103 | 0.219 | 0.0        |
| 21    | 1494        | 1495      | SN   | 4       | -34.98  | 23.012 | 0.016      | -33.681 | 24.386 | 0.048      | 6.727  | 28.173 | 12.581     | 7.732  | 28.08  | 6.856      | 0.103 | 265.92  | 2.121      | 0.103 | 205.289 | 2.156      | 0.103 | 0.117 | 0.0        | 0.103 | 0.114 | 0.0        |
| 22    | 1494        | 1495      | SN   | 1       | -34.98  | 23.012 | 0.016      | -33.681 | 24.386 | 0.048      | 6.727  | 28.173 | 12.581     | 7.732  | 28.08  | 6.856      | 0.103 | 265.92  | 2.121      | 0.103 | 205.289 | 2.156      | 0.103 | 0.117 | 0.0        | 0.103 | 0.114 | 0.0        |
| 23    | 1494        | 1495      | SN   | 3       | -34.98  | 23.012 | 0.016      | -33.681 | 24.386 | 0.048      | 6.727  | 28.173 | 12.581     | 7.732  | 28.08  | 6.856      | 0.103 | 265.92  | 2.121      | 0.103 | 205.289 | 2.156      | 0.103 | 0.117 | 0.0        | 0.103 | 0.114 | 0.0        |
| 24    | 1494        | 1495      | NS   | 1       | -34.971 | 25.489 | 0.095      | -34.827 | 25.495 | 0.138      | -5.529 | 31.301 | 7.067      | -9.371 | 29.161 | 12.734     | 0.103 | 265.374 | 5.58       | 0.103 | 256.719 | 6.519      | 0.103 | 0.387 | 0.0        | 0.103 | 0.813 | 0.0        |
| 25    | 1494        | 1495      | NS   | 4       | -34.971 | 25.489 | 0.095      | -34.827 | 25.495 | 0.138      | -5.529 | 31.301 | 7.067      | -9.371 | 29.161 | 12.734     | 0.103 | 265.374 | 5.58       | 0.103 | 256.719 | 6.519      | 0.103 | 0.387 | 0.0        | 0.103 | 0.813 | 0.0        |
| 26    | 1494        | 1495      | NS   | 2       | -34.971 | 25.489 | 0.095      | -34.827 | 25.495 | 0.138      | -5.529 | 31.301 | 7.067      | -9.371 | 29.161 | 12.734     | 0.103 | 265.374 | 5.58       | 0.103 | 256.719 | 6.519      | 0.103 | 0.387 | 0.0        | 0.103 | 0.813 | 0.0        |
| 27    | 1494        | 1495      | NS   | 3       | -34.971 | 25.489 | 0.095      | -34.827 | 25.495 | 0.138      | -5.529 | 31.301 | 7.067      | -9.371 | 29.161 | 12.734     | 0.103 | 265.374 | 5.58       | 0.103 | 256.719 | 6.519      | 0.103 | 0.387 | 0.0        | 0.103 | 0.813 | 0.0        |
| 28    | 1494        | 1495      | SN   | 2       | -34.98  | 23.012 | 0.016      | -33.681 | 24.386 | 0.048      | 6.727  | 28.173 | 12.581     | 7.732  | 28.08  | 6.856      | 0.103 | 265.92  | 2.121      | 0.103 | 205.289 | 2.156      | 0.103 | 0.117 | 0.0        | 0.103 | 0.114 | 0.0        |
| 29    | 1495        | 1496      | SN   | 8       | -34.98  | 21.872 | 0.0        | -34.654 | 22.351 | 0.001      | 6.295  | 27.048 | 11.16      | 6.315  | 26.49  | 6.875      | 0.103 | 265.877 | 3.721      | 0.103 | 246.642 | 3.271      | 0.103 | 0.119 | 0.0        | 0.103 | 0.119 | 0.0        |
| 30    | 1495        | 1496      | NS   | 3       | -34.798 | 22.506 | 0.014      | -33.748 | 23.14  | 0.032      | -4.588 | 28.202 | 6.325      | -6.576 | 31.663 | 11.061     | 0.103 | 254.945 | 6.946      | 0.103 | 200.223 | 7.209      | 0.103 | 0.329 | 0.0        | 0.102 | 0.468 | 0.0        |
| 31    | 1495        | 1496      | SN   | 2       | -34.98  | 21.872 | 0.0        | -34.654 | 22.351 | 0.001      | 6.295  | 27.048 | 11.16      | 6.315  | 26.49  | 6.875      | 0.103 | 265.877 | 3.721      | 0.103 | 246.642 | 3.271      | 0.103 | 0.119 | 0.0        | 0.103 | 0.119 | 0.0        |
| 32    | 1495        | 1496      | NS   | 7       | -34.902 | 22.505 | 0.014      | -34.713 | 23.14  | 0.032      | -4.579 | 28.204 | 6.335      | -6.567 | 31.663 | 11.063     | 0.103 | 261.122 | 6.945      | 0.103 | 250.044 | 7.217      | 0.103 | 0.329 | 0.0        | 0.102 | 0.468 | 0.0        |
| 33    | 1495        | 1496      | SN   | 6       | -34.98  | 21.872 | 0.0        | -34.654 | 22.351 | 0.001      | 6.295  | 27.048 | 11.16      | 6.315  | 26.49  | 6.875      | 0.103 | 265.877 | 3.721      | 0.103 | 246.642 | 3.271      | 0.103 | 0.119 | 0.0        | 0.103 | 0.119 | 0.0        |

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

- Normal
- Deviations
- Alarming
- High Errors







|     |      |      |    |   |         |        |       |         |        |       |         |        |        |         |        |        |       |         |       |       |         |       |       |       |       |       |       |       |
|-----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 112 | 1506 | 1507 | NS | 1 | -34.679 | 22.761 | 0.104 | -33.46  | 24.328 | 0.106 | 6.942   | 30.937 | 11.883 | 6.159   | 29.11  | 19.817 | 0.103 | 248.051 | 1.517 | 0.103 | 187.377 | 1.234 | 0.103 | 0.116 | 0.0   | 0.103 | 0.119 | 0.0   |
| 113 | 1506 | 1507 | NS | 2 | -34.679 | 22.761 | 0.104 | -33.46  | 24.328 | 0.106 | 6.942   | 30.937 | 11.883 | 6.159   | 29.11  | 19.817 | 0.103 | 248.051 | 1.517 | 0.103 | 187.377 | 1.234 | 0.103 | 0.116 | 0.0   | 0.103 | 0.119 | 0.0   |
| 114 | 1506 | 1507 | SN | 1 | -34.334 | 23.179 | 0.106 | -33.231 | 24.03  | 0.412 | 1.502   | 28.501 | 10.896 | 2.587   | 29.559 | 11.534 | 0.103 | 229.131 | 1.301 | 0.103 | 177.8   | 1.197 | 0.103 | 0.154 | 0.0   | 0.103 | 0.142 | 0.0   |
| 115 | 1507 | 1508 | NS | 1 | -34.315 | 22.505 | 0.011 | -34.552 | 26.432 | 0.012 | 7.039   | 34.399 | 10.042 | 6.346   | 34.795 | 18.931 | 0.103 | 228.157 | 3.884 | 0.103 | 240.938 | 3.502 | 0.102 | 0.116 | 0.0   | 0.102 | 0.118 | 0.0   |
| 116 | 1507 | 1508 | SN | 1 | -34.581 | 23.089 | 0.145 | -34.674 | 23.784 | 0.45  | 0.348   | 28.163 | 11.07  | 3.011   | 30.956 | 9.531  | 0.103 | 242.585 | 6.665 | 0.103 | 247.852 | 6.002 | 0.103 | 0.17  | 0.0   | 0.103 | 0.138 | 0.0   |
| 117 | 1508 | 1509 | SN | 1 | -34.595 | 23.394 | 0.028 | -34.295 | 23.482 | 0.112 | 5.228   | 31.585 | 8.956  | 5.733   | 29.154 | 5.034  | 0.103 | 243.356 | 4.45  | 0.103 | 227.123 | 4.203 | 0.102 | 0.123 | 0.0   | 0.103 | 0.121 | 0.0   |
| 118 | 1508 | 1509 | NS | 1 | -34.841 | 25.108 | 0.07  | -34.7   | 24.782 | 0.078 | -8.454  | 26.906 | 6.524  | -8.708  | 28.12  | 12.792 | 0.103 | 257.528 | 4.388 | 0.103 | 249.329 | 4.739 | 0.103 | 0.675 | 0.0   | 0.103 | 0.71  | 0.0   |
| 119 | 1509 | 1510 | SN | 1 | -34.926 | 24.414 | 0.037 | -34.861 | 23.956 | 0.08  | 6.708   | 26.906 | 11.337 | 7.366   | 26.35  | 6.272  | 0.103 | 262.657 | 3.699 | 0.103 | 258.767 | 3.071 | 0.103 | 0.117 | 0.0   | 0.103 | 0.115 | 0.0   |
| 120 | 1509 | 1510 | SN | 1 | -34.926 | 24.414 | 0.037 | -34.861 | 23.956 | 0.08  | 6.708   | 26.906 | 13.192 | 7.366   | 26.35  | 6.815  | 0.103 | 262.657 | 3.692 | 0.103 | 258.767 | 3.063 | 0.103 | 0.117 | 0.0   | 0.103 | 0.115 | 0.0   |
| 121 | 1509 | 1510 | NS | 1 | -34.555 | 23.467 | 0.021 | -34.741 | 23.789 | 0.034 | -1.296  | 29.727 | 7.132  | -1.72   | 28.536 | 13.03  | 0.103 | 241.092 | 4.843 | 0.103 | 251.683 | 4.351 | 0.103 | 0.204 | 0.0   | 0.103 | 0.215 | 0.0   |
| 122 | 1510 | 1511 | SN | 1 | -34.745 | 19.921 | 0.0   | -34.657 | 21.287 | 0.0   | 4.777   | 28.289 | 15.368 | 5.947   | 27.77  | 13.844 | 0.103 | 251.898 | 3.169 | 0.103 | 246.869 | 2.771 | 0.103 | 0.126 | 0.0   | 0.103 | 0.12  | 0.0   |
| 123 | 1510 | 1511 | NS | 2 | -34.458 | 21.63  | 0.0   | -34.51  | 22.59  | 0.01  | -15.284 | 29.851 | 5.75   | -14.093 | 30.809 | 9.434  | 0.103 | 235.779 | 4.0   | 0.103 | 238.627 | 4.824 | 0.103 | 2.932 | 0.012 | 0.103 | 2.248 | 0.002 |
| 124 | 1510 | 1511 | SN | 1 | -34.745 | 20.49  | 0.0   | -34.657 | 21.287 | 0.0   | 4.777   | 28.289 | 13.206 | 5.947   | 27.77  | 14.94  | 0.103 | 251.898 | 3.081 | 0.103 | 246.869 | 2.704 | 0.103 | 0.126 | 0.0   | 0.103 | 0.12  | 0.0   |
| 125 | 1510 | 1511 | NS | 1 | -34.458 | 21.63  | 0.0   | -34.51  | 22.59  | 0.01  | -15.284 | 29.851 | 5.75   | -14.093 | 30.809 | 9.434  | 0.103 | 235.779 | 4.0   | 0.103 | 238.627 | 4.824 | 0.103 | 2.932 | 0.012 | 0.103 | 2.248 | 0.002 |
| 126 | 1511 | 1512 | NS | 2 | -34.21  | 22.178 | 0.001 | -34.922 | 22.231 | 0.007 | -5.422  | 27.546 | 7.702  | -6.048  | 28.346 | 12.734 | 0.103 | 222.678 | 3.526 | 0.103 | 262.345 | 3.116 | 0.103 | 0.38  | 0.0   | 0.103 | 0.425 | 0.0   |
| 127 | 1511 | 1512 | SN | 1 | -34.858 | 21.559 | 0.0   | -34.926 | 22.299 | 0.002 | 5.064   | 27.865 | 14.795 | 5.925   | 28.224 | 17.583 | 0.103 | 258.559 | 4.116 | 0.103 | 262.599 | 3.55  | 0.103 | 0.124 | 0.0   | 0.103 | 0.12  | 0.0   |
| 128 | 1512 | 1513 | SN | 2 | -34.521 | 21.838 | 0.0   | -34.953 | 22.559 | 0.015 | 3.954   | 32.164 | 12.108 | 5.716   | 33.516 | 12.202 | 0.103 | 239.217 | 4.372 | 0.103 | 264.229 | 3.623 | 0.102 | 0.131 | 0.0   | 0.102 | 0.121 | 0.0   |
| 129 | 1512 | 1513 | NS | 1 | -34.215 | 22.469 | 0.009 | -34.062 | 23.182 | 0.066 | -13.066 | 29.232 | 7.162  | -7.057  | 33.742 | 11.831 | 0.103 | 222.944 | 3.914 | 0.103 | 215.226 | 3.845 | 0.103 | 1.792 | 0.006 | 0.102 | 0.513 | 0.0   |
| 130 | 1513 | 1514 | NS | 1 | -34.832 | 24.765 | 0.26  | -34.564 | 24.895 | 0.418 | 6.997   | 28.409 | 11.44  | 5.474   | 28.473 | 17.851 | 0.103 | 256.984 | 2.253 | 0.103 | 241.595 | 2.575 | 0.103 | 0.116 | 0.0   | 0.103 | 0.122 | 0.0   |
| 131 | 1513 | 1514 | SN | 1 | -34.996 | 23.109 | 0.002 | -34.639 | 24.24  | 0.068 | 4.46    | 36.383 | 11.124 | 3.096   | 33.188 | 10.346 | 0.103 | 266.873 | 4.97  | 0.103 | 245.762 | 4.441 | 0.102 | 0.127 | 0.0   | 0.102 | 0.137 | 0.0   |
| 132 | 1514 | 1515 | NS | 1 | -34.437 | 24.279 | 0.214 | -33.862 | 24.746 | 0.393 | -7.271  | 28.962 | 13.456 | -3.829  | 29.481 | 23.16  | 0.103 | 234.656 | 1.52  | 0.103 | 205.567 | 1.526 | 0.103 | 0.534 | 0.0   | 0.103 | 0.291 | 0.0   |
| 133 | 1514 | 1515 | SN | 1 | -34.982 | 22.378 | 0.004 | -33.876 | 25.732 | 0.139 | -9.815  | 28.73  | 12.673 | -17.687 | 29.664 | 12.128 | 0.103 | 266.026 | 2.058 | 0.103 | 206.244 | 1.42  | 0.103 | 0.892 | 0.0   | 0.103 | 5.037 | 0.002 |
| 134 | 1515 | 1516 | SN | 1 | -34.908 | 22.003 | 0.001 | -34.9   | 24.919 | 0.22  | 3.312   | 28.507 | 15.704 | 3.602   | 29.26  | 14.705 | 0.103 | 261.536 | 5.272 | 0.103 | 261.003 | 4.28  | 0.103 | 0.135 | 0.0   | 0.103 | 0.133 | 0.0   |
| 135 | 1515 | 1516 | NS | 1 | -34.868 | 24.978 | 0.08  | -34.936 | 25.235 | 0.045 | -3.668  | 28.779 | 16.3   | -0.806  | 33.838 | 27.895 | 0.103 | 259.105 | 5.706 | 0.103 | 263.2   | 5.368 | 0.103 | 0.284 | 0.0   | 0.102 | 0.193 | 0.0   |
| 136 | 1516 | 1517 | SN | 1 | -34.982 | 22.47  | 0.009 | -34.773 | 27.715 | 0.278 | -10.099 | 28.909 | 17.303 | -4.203  | 32.769 | 18.354 | 0.103 | 266.064 | 4.708 | 0.103 | 253.516 | 3.727 | 0.103 | 0.946 | 0.0   | 0.102 | 0.309 | 0.0   |
| 137 | 1516 | 1517 | NS | 1 | -34.476 | 24.352 | 0.162 | -34.527 | 23.422 | 0.155 | 4.301   | 28.98  | 13.741 | 5.294   | 29.369 | 21.803 | 0.103 | 236.787 | 4.241 | 0.103 | 239.605 | 4.371 | 0.103 | 0.128 | 0.0   | 0.103 | 0.123 | 0.0   |
| 138 | 1517 | 1518 | SN | 1 | -34.82  | 24.401 | 0.032 | -34.905 | 25.254 | 0.633 | -19.407 | 28.546 | 12.858 | -21.311 | 29.282 | 10.776 | 0.103 | 256.255 | 4.166 | 0.103 | 261.285 | 3.607 | 0.103 | 7.446 | 0.02  | 0.103 | 11.5  | 0.028 |
| 139 | 1517 | 1518 | NS | 1 | -34.963 | 24.528 | 0.131 | -34.747 | 23.66  | 0.269 | 5.718   | 28.512 | 22.884 | 6.427   | 29.209 | 31.756 | 0.103 | 264.867 | 3.339 | 0.103 | 252.015 | 3.1   | 0.103 | 0.121 | 0.0   | 0.103 | 0.118 | 0.0   |
| 140 | 1518 | 1519 | SN | 1 | -34.663 | 24.927 | 0.095 | -34.476 | 25.247 | 0.68  | -8.374  | 29.862 | 19.765 | -7.379  | 34.002 | 20.015 | 0.103 | 257.385 | 3.36  | 0.103 | 236.806 | 2.879 | 0.103 | 0.664 | 0.0   | 0.102 | 0.546 | 0.0   |
| 141 | 1518 | 1519 | NS | 1 | -34.954 | 24.181 | 0.187 | -34.753 | 24.175 | 0.239 | 11.083  | 28.253 | 27.058 | 12.447  | 29.342 | 35.17  | 0.103 | 264.326 | 5.083 | 0.103 | 252.369 | 5.271 | 0.103 | 0.108 | 0.0   | 0.103 | 0.106 | 0.0   |
| 142 | 1519 | 1520 | NS | 1 | -33.645 | 24.728 | 0.134 | -34.898 | 24.389 | 0.116 | 7.379   | 28.756 | 28.821 | 7.378   | 29.598 | 36.717 | 0.103 | 195.599 | 1.714 | 0.103 | 260.989 | 1.742 | 0.103 | 0.115 | 0.0   | 0.103 | 0.115 | 0.0   |
| 143 | 1519 | 1520 | SN | 2 | -34.946 | 24.144 | 0.078 | -34.999 | 24.728 | 0.443 | 6.908   | 28.784 | 42.554 | 7.678   | 29.843 | 55.457 | 0.103 | 263.87  | 6.09  | 0.103 | 267.059 | 5.726 | 0.103 | 0.116 | 0.0   | 0.103 | 0.114 | 0.0   |
| 144 | 1520 | 1521 | NS | 1 | -34.637 | 23.267 | 0.087 | -34.716 | 23.213 | 0.017 | 4.757   | 28.982 | 15.621 | 6.42    | 29.307 | 23.85  | 0.103 | 245.709 | 2.007 | 0.103 | 250.222 | 2.08  | 0.103 | 0.126 | 0.0   | 0.103 | 0.118 | 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     | 1491        | 1492      | SN   | 2    | 57.693          | 58.238 | 0.0       | 0.003         | 1.291   | 0.384     | 1220.768 | 1260.952 | 0.0       | -93.089  | -92.119 | 0.0       |
| 2     | 1491        | 1492      | SN   | 4    | 57.693          | 58.238 | 0.0       | 0.003         | 1.291   | 0.336     | 1220.768 | 1260.952 | 0.0       | -93.089  | -92.119 | 0.0       |
| 3     | 1491        | 1492      | SN   | 1    | 57.693          | 58.238 | 0.0       | 0.003         | 1.291   | 0.384     | 1220.768 | 1260.952 | 0.0       | -93.089  | -92.119 | 0.0       |
| 4     | 1491        | 1492      | SN   | 3    | 57.693          | 58.238 | 0.0       | 0.003         | 1.291   | 0.336     | 1220.768 | 1260.952 | 0.0       | -93.089  | -92.119 | 0.0       |
| 5     | 1492        | 1493      | NS   | 2    | 57.721          | 58.233 | 0.0       | 0.008         | 212.173 | 0.388     | 1227.312 | 1261.368 | 0.0       | -93.315  | -92.156 | 0.0       |
| 6     | 1492        | 1493      | SN   | 2    | 57.693          | 58.209 | 0.0       | 0.003         | 1.291   | 0.393     | 1221.2   | 1260.808 | 0.0       | -92.962  | -92.078 | 0.0       |
| 7     | 1492        | 1493      | SN   | 4    | 57.693          | 58.209 | 0.0       | 0.003         | 1.291   | 0.344     | 1221.2   | 1260.808 | 0.0       | -92.962  | -92.078 | 0.0       |
| 8     | 1492        | 1493      | NS   | 4    | 57.721          | 58.233 | 0.0       | 0.008         | 1.291   | 0.34      | 1227.312 | 1261.368 | 0.0       | -93.315  | -92.156 | 0.0       |
| 9     | 1492        | 1493      | SN   | 1    | 57.693          | 58.209 | 0.0       | 0.003         | 1.291   | 0.393     | 1221.2   | 1260.808 | 0.0       | -92.962  | -92.078 | 0.0       |
| 10    | 1492        | 1493      | NS   | 1    | 57.721          | 58.233 | 0.0       | 0.008         | 212.173 | 0.388     | 1227.312 | 1261.368 | 0.0       | -93.315  | -92.156 | 0.0       |
| 11    | 1492        | 1493      | NS   | 3    | 57.721          | 58.233 | 0.0       | 0.008         | 1.291   | 0.34      | 1227.312 | 1261.368 | 0.0       | -93.315  | -92.156 | 0.0       |
| 12    | 1492        | 1493      | SN   | 3    | 57.693          | 58.209 | 0.0       | 0.003         | 1.291   | 0.344     | 1221.2   | 1260.808 | 0.0       | -92.962  | -92.078 | 0.0       |
| 13    | 1493        | 1494      | NS   | 5    | 57.726          | 58.258 | 0.0       | 0.003         | 1.291   | 0.323     | 1227.464 | 1261.6   | 0.0       | -93.154  | -92.162 | 0.0       |
| 14    | 1493        | 1494      | SN   | 2    | 57.689          | 58.235 | 0.0       | 0.003         | 1.291   | 0.374     | 1220.2   | 1260.944 | 0.0       | -93.094  | -92.105 | 0.0       |
| 15    | 1493        | 1494      | SN   | 6    | 57.689          | 58.235 | 0.0       | 0.003         | 1.291   | 0.328     | 1220.2   | 1260.944 | 0.0       | -93.094  | -92.105 | 0.0       |
| 16    | 1493        | 1494      | NS   | 3    | 57.733          | 58.254 | 0.0       | 0.003         | 1.291   | 0.368     | 1227.432 | 1261.56  | 0.0       | -93.154  | -92.161 | 0.0       |
| 17    | 1493        | 1494      | SN   | 4    | 57.688          | 58.234 | 0.0       | 0.003         | 1.291   | 0.373     | 1220.192 | 1260.968 | 0.0       | -93.219  | -92.105 | 0.0       |
| 18    | 1493        | 1494      | NS   | 1    | 57.726          | 58.258 | 0.0       | 0.003         | 1.291   | 0.368     | 1227.464 | 1261.6   | 0.0       | -93.154  | -92.162 | 0.0       |
| 19    | 1493        | 1494      | SN   | 8    | 57.689          | 58.235 | 0.0       | 0.003         | 1.291   | 0.328     | 1220.2   | 1260.944 | 0.0       | -93.094  | -92.105 | 0.0       |
| 20    | 1493        | 1494      | NS   | 7    | 57.726          | 58.258 | 0.0       | 0.003         | 1.291   | 0.323     | 1227.464 | 1261.6   | 0.0       | -93.154  | -92.162 | 0.0       |
| 21    | 1494        | 1495      | SN   | 4    | 57.689          | 58.225 | 0.0       | 0.003         | 1.291   | 0.321     | 1220.056 | 1261.128 | 0.0       | -92.962  | -92.121 | 0.0       |
| 22    | 1494        | 1495      | SN   | 1    | 57.689          | 58.225 | 0.0       | 0.003         | 1.291   | 0.365     | 1220.056 | 1261.128 | 0.0       | -92.962  | -92.121 | 0.0       |
| 23    | 1494        | 1495      | SN   | 3    | 57.689          | 58.225 | 0.0       | 0.003         | 1.291   | 0.321     | 1220.056 | 1261.128 | 0.0       | -92.962  | -92.121 | 0.0       |
| 24    | 1494        | 1495      | NS   | 1    | 57.684          | 58.257 | 0.0       | 0.003         | 1.291   | 0.364     | 1227.592 | 1261.72  | 0.0       | -93.284  | -92.159 | 0.0       |
| 25    | 1494        | 1495      | NS   | 4    | 57.684          | 58.257 | 0.0       | 0.003         | 1.291   | 0.319     | 1227.592 | 1261.72  | 0.0       | -93.284  | -92.159 | 0.0       |
| 26    | 1494        | 1495      | NS   | 2    | 57.684          | 58.257 | 0.0       | 0.003         | 1.291   | 0.364     | 1227.592 | 1261.72  | 0.0       | -93.284  | -92.159 | 0.0       |
| 27    | 1494        | 1495      | NS   | 3    | 57.684          | 58.257 | 0.0       | 0.003         | 1.291   | 0.319     | 1227.592 | 1261.72  | 0.0       | -93.284  | -92.159 | 0.0       |
| 28    | 1494        | 1495      | SN   | 2    | 57.689          | 58.225 | 0.0       | 0.003         | 1.291   | 0.365     | 1220.056 | 1261.128 | 0.0       | -92.962  | -92.121 | 0.0       |
| 29    | 1495        | 1496      | SN   | 8    | 57.68           | 58.239 | 0.0       | 0.003         | 1.291   | 0.322     | 1220.672 | 1261.04  | 0.0       | -92.994  | -92.12  | 0.0       |
| 30    | 1495        | 1496      | NS   | 3    | 57.714          | 58.248 | 0.0       | 0.003         | 1.291   | 0.374     | 1227.856 | 1261.608 | 0.0       | -92.981  | -92.166 | 0.0       |
| 31    | 1495        | 1496      | SN   | 2    | 57.68           | 58.239 | 0.0       | 0.003         | 1.291   | 0.368     | 1220.672 | 1261.04  | 0.0       | -92.994  | -92.12  | 0.0       |
| 32    | 1495        | 1496      | NS   | 7    | 57.723          | 58.261 | 0.0       | 0.003         | 1.291   | 0.328     | 1228.072 | 1261.696 | 0.0       | -93.063  | -92.167 | 0.0       |
| 33    | 1495        | 1496      | SN   | 6    | 57.68           | 58.239 | 0.0       | 0.003         | 1.291   | 0.322     | 1220.672 | 1261.04  | 0.0       | -92.994  | -92.12  | 0.0       |
| 34    | 1495        | 1496      | SN   | 4    | 57.68           | 58.239 | 0.0       | 0.003         | 1.291   | 0.368     | 1220.672 | 1261.04  | 0.0       | -92.994  | -92.12  | 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 | 1495 | 1496 | NS | 5 | 57.723 | 58.261 | 0.0 | 0.003 | 1.291   | 0.328 | 1228.072 | 1261.696 | 0.0 | -93.063 | -92.167 | 0.0 |
| 36 | 1495 | 1496 | NS | 1 | 57.723 | 58.261 | 0.0 | 0.003 | 1.291   | 0.373 | 1228.072 | 1261.696 | 0.0 | -93.063 | -92.167 | 0.0 |
| 37 | 1496 | 1497 | NS | 1 | 57.726 | 58.254 | 0.0 | 0.003 | 1.291   | 0.33  | 1228.392 | 1261.456 | 0.0 | -93.246 | -92.167 | 0.0 |
| 38 | 1496 | 1497 | NS | 3 | 57.726 | 58.254 | 0.0 | 0.003 | 1.291   | 0.33  | 1228.392 | 1261.456 | 0.0 | -93.246 | -92.167 | 0.0 |
| 39 | 1496 | 1497 | SN | 2 | 57.684 | 58.226 | 0.0 | 0.003 | 1.291   | 0.322 | 1220.944 | 1260.936 | 0.0 | -93.061 | -92.121 | 0.0 |
| 40 | 1496 | 1497 | NS | 1 | 57.726 | 58.254 | 0.0 | 0.003 | 1.291   | 0.376 | 1228.392 | 1261.456 | 0.0 | -93.246 | -92.167 | 0.0 |
| 41 | 1496 | 1497 | SN | 4 | 57.684 | 58.226 | 0.0 | 0.003 | 1.291   | 0.366 | 1220.944 | 1260.936 | 0.0 | -93.061 | -92.121 | 0.0 |
| 42 | 1496 | 1497 | SN | 4 | 57.684 | 58.226 | 0.0 | 0.003 | 1.291   | 0.322 | 1220.944 | 1260.936 | 0.0 | -93.061 | -92.121 | 0.0 |
| 43 | 1496 | 1497 | SN | 2 | 57.684 | 58.226 | 0.0 | 0.003 | 1.291   | 0.366 | 1220.944 | 1260.936 | 0.0 | -93.061 | -92.121 | 0.0 |
| 44 | 1496 | 1497 | NS | 3 | 57.726 | 58.254 | 0.0 | 0.003 | 1.291   | 0.376 | 1228.392 | 1261.456 | 0.0 | -93.246 | -92.167 | 0.0 |
| 45 | 1497 | 1498 | NS | 4 | 57.708 | 58.255 | 0.0 | 0.003 | 1.291   | 0.334 | 1227.696 | 1261.392 | 0.0 | -92.975 | -92.175 | 0.0 |
| 46 | 1497 | 1498 | SN | 1 | 57.69  | 58.232 | 0.0 | 0.003 | 1.291   | 0.376 | 1220.896 | 1260.752 | 0.0 | -92.979 | -92.121 | 0.0 |
| 47 | 1497 | 1498 | NS | 3 | 57.708 | 58.255 | 0.0 | 0.003 | 1.291   | 0.334 | 1227.696 | 1261.392 | 0.0 | -92.975 | -92.175 | 0.0 |
| 48 | 1497 | 1498 | NS | 1 | 57.708 | 58.255 | 0.0 | 0.003 | 1.291   | 0.38  | 1227.696 | 1261.392 | 0.0 | -92.975 | -92.175 | 0.0 |
| 49 | 1497 | 1498 | NS | 2 | 57.708 | 58.255 | 0.0 | 0.003 | 1.291   | 0.38  | 1227.696 | 1261.392 | 0.0 | -92.975 | -92.175 | 0.0 |
| 50 | 1497 | 1498 | SN | 4 | 57.69  | 58.232 | 0.0 | 0.003 | 1.291   | 0.329 | 1220.896 | 1260.752 | 0.0 | -92.979 | -92.121 | 0.0 |
| 51 | 1497 | 1498 | SN | 2 | 57.69  | 58.232 | 0.0 | 0.003 | 1.291   | 0.376 | 1220.896 | 1260.752 | 0.0 | -92.979 | -92.121 | 0.0 |
| 52 | 1497 | 1498 | SN | 3 | 57.69  | 58.232 | 0.0 | 0.003 | 1.291   | 0.329 | 1220.896 | 1260.752 | 0.0 | -92.979 | -92.121 | 0.0 |
| 53 | 1498 | 1499 | SN | 1 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.385 | 1220.656 | 1260.72  | 0.0 | -93.453 | -92.087 | 0.0 |
| 54 | 1498 | 1499 | NS | 1 | 57.717 | 58.242 | 0.0 | 0.003 | 1.291   | 0.381 | 1227.344 | 1261.312 | 0.0 | -92.977 | -92.175 | 0.0 |
| 55 | 1498 | 1499 | SN | 2 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.385 | 1220.656 | 1260.72  | 0.0 | -93.453 | -92.087 | 0.0 |
| 56 | 1498 | 1499 | NS | 4 | 57.719 | 58.249 | 0.0 | 0.003 | 1.291   | 0.334 | 1227.376 | 1261.36  | 0.0 | -93.016 | -92.176 | 0.0 |
| 57 | 1498 | 1499 | NS | 2 | 57.717 | 58.242 | 0.0 | 0.003 | 1.291   | 0.381 | 1227.344 | 1261.312 | 0.0 | -92.977 | -92.175 | 0.0 |
| 58 | 1498 | 1499 | SN | 1 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.336 | 1220.656 | 1260.648 | 0.0 | -93.453 | -92.087 | 0.0 |
| 59 | 1498 | 1499 | SN | 3 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.337 | 1220.656 | 1260.72  | 0.0 | -93.453 | -92.087 | 0.0 |
| 60 | 1499 | 1500 | SN | 5 | 57.694 | 58.231 | 0.0 | 0.003 | 1.291   | 0.335 | 1220.944 | 1260.888 | 0.0 | -93.041 | -92.113 | 0.0 |
| 61 | 1499 | 1500 | NS | 1 | 57.708 | 58.252 | 0.0 | 0.003 | 1.291   | 0.371 | 1227.016 | 1261.416 | 0.0 | -93.244 | -92.161 | 0.0 |
| 62 | 1499 | 1500 | SN | 1 | 57.694 | 58.231 | 0.0 | 0.003 | 339.674 | 0.382 | 1220.944 | 1260.888 | 0.0 | -93.041 | -92.113 | 0.0 |
| 63 | 1499 | 1500 | NS | 4 | 57.717 | 58.256 | 0.0 | 0.003 | 1.291   | 0.327 | 1227.92  | 1261.488 | 0.0 | -93.168 | -92.161 | 0.0 |
| 64 | 1499 | 1500 | NS | 2 | 57.708 | 58.252 | 0.0 | 0.003 | 1.291   | 0.371 | 1227.016 | 1261.416 | 0.0 | -93.244 | -92.161 | 0.0 |
| 65 | 1499 | 1500 | NS | 3 | 57.717 | 58.256 | 0.0 | 0.003 | 1.291   | 0.327 | 1227.92  | 1261.488 | 0.0 | -93.168 | -92.161 | 0.0 |
| 66 | 1499 | 1500 | SN | 2 | 57.694 | 58.231 | 0.0 | 0.003 | 339.674 | 0.382 | 1220.944 | 1260.888 | 0.0 | -93.041 | -92.113 | 0.0 |
| 67 | 1500 | 1501 | NS | 2 | 57.723 | 58.249 | 0.0 | 0.003 | 1.291   | 0.385 | 1227.248 | 1261.448 | 0.0 | -92.977 | -92.12  | 0.0 |
| 68 | 1500 | 1501 | SN | 3 | 57.699 | 58.227 | 0.0 | 0.003 | 1.291   | 0.323 | 1221.056 | 1260.896 | 0.0 | -93.407 | -92.108 | 0.0 |
| 69 | 1500 | 1501 | SN | 5 | 57.699 | 58.227 | 0.0 | 0.003 | 1.291   | 0.323 | 1221.056 | 1260.896 | 0.0 | -93.407 | -92.108 | 0.0 |
| 70 | 1500 | 1501 | NS | 4 | 57.723 | 58.249 | 0.0 | 0.003 | 1.291   | 0.338 | 1227.248 | 1261.448 | 0.0 | -92.977 | -92.12  | 0.0 |
| 71 | 1500 | 1501 | NS | 1 | 57.723 | 58.249 | 0.0 | 0.003 | 1.291   | 0.385 | 1227.248 | 1261.448 | 0.0 | -92.977 | -92.12  | 0.0 |

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

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

|     |      |      |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 72  | 1500 | 1501 | SN | 2 | 57.699 | 58.227 | 0.0 | 0.003 | 1.291   | 0.368 | 1221.056 | 1260.896 | 0.0 | -93.407 | -92.108 | 0.0 |
| 73  | 1500 | 1501 | SN | 1 | 57.699 | 58.227 | 0.0 | 0.003 | 1.291   | 0.368 | 1221.056 | 1260.896 | 0.0 | -93.407 | -92.108 | 0.0 |
| 74  | 1500 | 1501 | NS | 6 | 57.723 | 58.249 | 0.0 | 0.003 | 1.291   | 0.338 | 1227.248 | 1261.448 | 0.0 | -92.977 | -92.12  | 0.0 |
| 75  | 1501 | 1502 | NS | 2 | 57.732 | 58.244 | 0.0 | 0.003 | 1.291   | 0.335 | 1227.176 | 1261.296 | 0.0 | -92.984 | -92.156 | 0.0 |
| 76  | 1501 | 1502 | NS | 1 | 57.732 | 58.244 | 0.0 | 0.003 | 1.291   | 0.381 | 1227.176 | 1261.296 | 0.0 | -92.984 | -92.156 | 0.0 |
| 77  | 1501 | 1502 | NS | 3 | 57.732 | 58.244 | 0.0 | 0.003 | 1.291   | 0.335 | 1227.176 | 1261.296 | 0.0 | -92.984 | -92.156 | 0.0 |
| 78  | 1501 | 1502 | NS | 1 | 57.732 | 58.244 | 0.0 | 0.003 | 1.291   | 0.381 | 1227.176 | 1261.296 | 0.0 | -92.984 | -92.156 | 0.0 |
| 79  | 1501 | 1502 | SN | 1 | 57.688 | 58.234 | 0.0 | 0.003 | 1.291   | 0.37  | 1220.864 | 1260.712 | 0.0 | -93.063 | -92.135 | 0.0 |
| 80  | 1501 | 1502 | SN | 2 | 57.688 | 58.234 | 0.0 | 0.003 | 1.291   | 0.37  | 1220.864 | 1260.712 | 0.0 | -93.063 | -92.135 | 0.0 |
| 81  | 1501 | 1502 | SN | 3 | 57.688 | 58.234 | 0.0 | 0.003 | 1.291   | 0.325 | 1220.864 | 1260.712 | 0.0 | -93.063 | -92.135 | 0.0 |
| 82  | 1502 | 1503 | NS | 4 | 57.711 | 58.233 | 0.0 | 0.003 | 1.291   | 0.331 | 1227.088 | 1261.288 | 0.0 | -92.972 | -92.174 | 0.0 |
| 83  | 1502 | 1503 | NS | 1 | 57.711 | 58.233 | 0.0 | 0.003 | 1.291   | 0.377 | 1227.088 | 1261.288 | 0.0 | -92.972 | -92.174 | 0.0 |
| 84  | 1502 | 1503 | NS | 3 | 57.711 | 58.233 | 0.0 | 0.003 | 1.291   | 0.331 | 1227.088 | 1261.288 | 0.0 | -92.972 | -92.174 | 0.0 |
| 85  | 1502 | 1503 | NS | 2 | 57.711 | 58.233 | 0.0 | 0.003 | 1.291   | 0.377 | 1227.088 | 1261.288 | 0.0 | -92.972 | -92.174 | 0.0 |
| 86  | 1502 | 1503 | SN | 1 | 57.703 | 58.234 | 0.0 | 0.003 | 1.291   | 0.379 | 1221.576 | 1260.728 | 0.0 | -93.206 | -92.092 | 0.0 |
| 87  | 1502 | 1503 | SN | 1 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.332 | 1221.712 | 1260.728 | 0.0 | -93.206 | -92.092 | 0.0 |
| 88  | 1502 | 1503 | SN | 2 | 57.695 | 58.234 | 0.0 | 0.003 | 1.291   | 0.332 | 1221.712 | 1260.728 | 0.0 | -93.206 | -92.092 | 0.0 |
| 89  | 1502 | 1503 | SN | 2 | 57.703 | 58.234 | 0.0 | 0.003 | 1.291   | 0.379 | 1221.576 | 1260.728 | 0.0 | -93.206 | -92.092 | 0.0 |
| 90  | 1503 | 1504 | NS | 3 | 57.728 | 58.264 | 0.0 | 0.003 | 1.291   | 0.325 | 1227.232 | 1261.312 | 0.0 | -93.167 | -92.172 | 0.0 |
| 91  | 1503 | 1504 | SN | 1 | 57.69  | 58.241 | 0.0 | 0.003 | 1.291   | 0.378 | 1221.816 | 1260.816 | 0.0 | -93.416 | -92.116 | 0.0 |
| 92  | 1503 | 1504 | NS | 1 | 57.713 | 58.251 | 0.0 | 0.003 | 1.291   | 0.37  | 1227.344 | 1261.272 | 0.0 | -93.149 | -92.172 | 0.0 |
| 93  | 1503 | 1504 | NS | 4 | 57.728 | 58.264 | 0.0 | 0.003 | 1.291   | 0.325 | 1227.232 | 1261.312 | 0.0 | -93.167 | -92.172 | 0.0 |
| 94  | 1503 | 1504 | NS | 2 | 57.713 | 58.251 | 0.0 | 0.003 | 1.291   | 0.37  | 1227.344 | 1261.272 | 0.0 | -93.149 | -92.172 | 0.0 |
| 95  | 1503 | 1504 | SN | 2 | 57.69  | 58.241 | 0.0 | 0.003 | 1.291   | 0.378 | 1221.816 | 1260.816 | 0.0 | -93.416 | -92.116 | 0.0 |
| 96  | 1503 | 1504 | SN | 1 | 57.694 | 58.232 | 0.0 | 0.003 | 1.291   | 0.331 | 1221.8   | 1260.824 | 0.0 | -92.953 | -92.116 | 0.0 |
| 97  | 1503 | 1504 | SN | 2 | 57.694 | 58.232 | 0.0 | 0.003 | 1.291   | 0.331 | 1221.8   | 1260.824 | 0.0 | -92.953 | -92.116 | 0.0 |
| 98  | 1504 | 1505 | NS | 2 | 57.719 | 58.255 | 0.0 | 0.003 | 1.291   | 0.371 | 1226.824 | 1261.136 | 0.0 | -92.982 | -92.17  | 0.0 |
| 99  | 1504 | 1505 | NS | 1 | 57.719 | 58.255 | 0.0 | 0.003 | 1.291   | 0.371 | 1226.824 | 1261.136 | 0.0 | -92.982 | -92.17  | 0.0 |
| 100 | 1504 | 1505 | SN | 1 | 57.69  | 58.228 | 0.0 | 0.003 | 181.697 | 0.372 | 1221.032 | 1260.8   | 0.0 | -92.962 | -92.124 | 0.0 |
| 101 | 1504 | 1505 | SN | 2 | 57.69  | 58.228 | 0.0 | 0.003 | 181.697 | 0.372 | 1221.032 | 1260.8   | 0.0 | -92.962 | -92.124 | 0.0 |
| 102 | 1504 | 1505 | NS | 1 | 57.716 | 58.273 | 0.0 | 0.003 | 1.291   | 0.326 | 1227.456 | 1261.32  | 0.0 | -92.994 | -92.171 | 0.0 |
| 103 | 1504 | 1505 | NS | 2 | 57.716 | 58.273 | 0.0 | 0.003 | 1.291   | 0.326 | 1227.456 | 1261.32  | 0.0 | -92.994 | -92.171 | 0.0 |
| 104 | 1504 | 1505 | SN | 3 | 57.69  | 58.228 | 0.0 | 0.003 | 1.291   | 0.326 | 1221.032 | 1260.8   | 0.0 | -92.962 | -92.124 | 0.0 |
| 105 | 1505 | 1506 | SN | 3 | 57.691 | 58.24  | 0.0 | 0.003 | 1.291   | 0.332 | 1220.96  | 1260.88  | 0.0 | -93.184 | -92.128 | 0.0 |
| 106 | 1505 | 1506 | NS | 2 | 57.728 | 58.257 | 0.0 | 0.003 | 187.19  | 0.376 | 1226.92  | 1261.4   | 0.0 | -93.151 | -92.158 | 0.0 |
| 107 | 1505 | 1506 | SN | 2 | 57.691 | 58.24  | 0.0 | 0.003 | 192.027 | 0.38  | 1220.96  | 1260.88  | 0.0 | -93.184 | -92.128 | 0.0 |
| 108 | 1505 | 1506 | SN | 1 | 57.691 | 58.24  | 0.0 | 0.003 | 192.027 | 0.38  | 1220.96  | 1260.88  | 0.0 | -93.184 | -92.128 | 0.0 |

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

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

|     |      |      |    |   |        |        |     |       |         |       |          |          |     |         |         |     |
|-----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|-----|---------|---------|-----|
| 109 | 1505 | 1506 | NS | 3 | 57.728 | 58.257 | 0.0 | 0.003 | 1.291   | 0.331 | 1226.92  | 1261.4   | 0.0 | -93.151 | -92.158 | 0.0 |
| 110 | 1505 | 1506 | NS | 1 | 57.728 | 58.257 | 0.0 | 0.003 | 187.19  | 0.376 | 1226.92  | 1261.4   | 0.0 | -93.151 | -92.158 | 0.0 |
| 111 | 1506 | 1507 | NS | 3 | 57.716 | 58.247 | 0.0 | 0.003 | 1.291   | 0.339 | 1226.384 | 1261.288 | 0.0 | -93.043 | -92.133 | 0.0 |
| 112 | 1506 | 1507 | NS | 1 | 57.716 | 58.247 | 0.0 | 0.003 | 197.255 | 0.386 | 1226.384 | 1261.288 | 0.0 | -93.043 | -92.133 | 0.0 |
| 113 | 1506 | 1507 | NS | 2 | 57.716 | 58.247 | 0.0 | 0.003 | 197.255 | 0.386 | 1226.384 | 1261.288 | 0.0 | -93.043 | -92.133 | 0.0 |
| 114 | 1506 | 1507 | SN | 1 | 57.701 | 58.228 | 0.0 | 0.003 | 1.291   | 0.394 | 1222.008 | 1260.808 | 0.0 | -92.958 | -92.115 | 0.0 |
| 115 | 1507 | 1508 | NS | 1 | 57.719 | 58.238 | 0.0 | 0.003 | 203.52  | 0.379 | 1226.784 | 1261.216 | 0.0 | -93.221 | -92.156 | 0.0 |
| 116 | 1507 | 1508 | SN | 1 | 57.698 | 58.228 | 0.0 | 0.003 | 1.291   | 0.389 | 1221.504 | 1260.688 | 0.0 | -93.28  | -92.077 | 0.0 |
| 117 | 1508 | 1509 | SN | 1 | 57.688 | 58.226 | 0.0 | 0.003 | 1.291   | 0.368 | 1220.736 | 1260.872 | 0.0 | -92.958 | -92.128 | 0.0 |
| 118 | 1508 | 1509 | NS | 1 | 57.73  | 58.251 | 0.0 | 0.003 | 1.291   | 0.362 | 1227.016 | 1261.48  | 0.0 | -93.439 | -92.147 | 0.0 |
| 119 | 1509 | 1510 | SN | 1 | 57.687 | 58.227 | 0.0 | 0.003 | 1.291   | 0.319 | 1220.848 | 1260.856 | 0.0 | -92.961 | -92.126 | 0.0 |
| 120 | 1509 | 1510 | SN | 1 | 57.687 | 58.227 | 0.0 | 0.003 | 1.291   | 0.366 | 1220.848 | 1260.92  | 0.0 | -92.961 | -92.126 | 0.0 |
| 121 | 1509 | 1510 | NS | 1 | 57.727 | 58.258 | 0.0 | 0.003 | 221.174 | 0.368 | 1227.168 | 1261.52  | 0.0 | -93.165 | -92.171 | 0.0 |
| 122 | 1510 | 1511 | SN | 1 | 57.686 | 58.211 | 0.0 | 0.003 | 1.291   | 0.332 | 1221.464 | 1260.8   | 0.0 | -93.012 | -92.126 | 0.0 |
| 123 | 1510 | 1511 | NS | 2 | 57.725 | 58.252 | 0.0 | 0.003 | 1.291   | 0.329 | 1227.536 | 1261.368 | 0.0 | -92.997 | -92.142 | 0.0 |
| 124 | 1510 | 1511 | SN | 1 | 57.686 | 58.211 | 0.0 | 0.003 | 1.291   | 0.37  | 1221.464 | 1260.688 | 0.0 | -93.012 | -92.126 | 0.0 |
| 125 | 1510 | 1511 | NS | 1 | 57.725 | 58.252 | 0.0 | 0.003 | 1.291   | 0.376 | 1227.536 | 1261.368 | 0.0 | -92.997 | -92.142 | 0.0 |
| 126 | 1511 | 1512 | NS | 2 | 57.722 | 58.253 | 0.0 | 0.003 | 1.291   | 0.38  | 1227.312 | 1261.232 | 0.0 | -93.699 | -92.153 | 0.0 |
| 127 | 1511 | 1512 | SN | 1 | 57.695 | 58.218 | 0.0 | 0.003 | 1.291   | 0.366 | 1221.144 | 1260.696 | 0.0 | -93.26  | -92.128 | 0.0 |
| 128 | 1512 | 1513 | SN | 2 | 57.693 | 58.24  | 0.0 | 0.003 | 1.291   | 0.377 | 1221.296 | 1260.576 | 0.0 | -93.137 | -92.11  | 0.0 |
| 129 | 1512 | 1513 | NS | 1 | 57.71  | 58.252 | 0.0 | 0.003 | 1.291   | 0.379 | 1226.752 | 1261.04  | 0.0 | -93.302 | -92.169 | 0.0 |
| 130 | 1513 | 1514 | NS | 1 | 57.71  | 58.245 | 0.0 | 0.003 | 1.291   | 0.372 | 1226.552 | 1261.072 | 0.0 | -92.953 | -92.162 | 0.0 |
| 131 | 1513 | 1514 | SN | 1 | 57.696 | 58.236 | 0.0 | 0.003 | 323.686 | 0.389 | 1221.632 | 1260.664 | 0.0 | -92.985 | -92.09  | 0.0 |
| 132 | 1514 | 1515 | NS | 1 | 57.712 | 58.244 | 0.0 | 0.003 | 1.291   | 0.378 | 1226.472 | 1261.112 | 0.0 | -92.991 | -92.118 | 0.0 |
| 133 | 1514 | 1515 | SN | 1 | 57.703 | 58.215 | 0.0 | 0.003 | 1.291   | 0.374 | 1221.88  | 1260.76  | 0.0 | -92.988 | -92.116 | 0.0 |
| 134 | 1515 | 1516 | SN | 1 | 57.698 | 58.226 | 0.0 | 0.003 | 1.291   | 0.366 | 1221.712 | 1260.904 | 0.0 | -92.991 | -92.12  | 0.0 |
| 135 | 1515 | 1516 | NS | 1 | 57.729 | 58.241 | 0.0 | 0.003 | 1.291   | 0.388 | 1226.256 | 1261.064 | 0.0 | -93.092 | -92.162 | 0.0 |
| 136 | 1516 | 1517 | SN | 1 | 57.692 | 58.261 | 0.0 | 0.003 | 1.291   | 0.378 | 1221.76  | 1260.704 | 0.0 | -93.118 | -92.124 | 0.0 |
| 137 | 1516 | 1517 | NS | 1 | 57.722 | 58.243 | 0.0 | 0.003 | 1.291   | 0.377 | 1226.32  | 1261.072 | 0.0 | -92.987 | -92.168 | 0.0 |
| 138 | 1517 | 1518 | SN | 1 | 57.698 | 58.247 | 0.0 | 0.003 | 1.291   | 0.38  | 1222.432 | 1260.736 | 0.0 | -93.054 | -92.096 | 0.0 |
| 139 | 1517 | 1518 | NS | 1 | 57.703 | 58.233 | 0.0 | 0.003 | 1.291   | 0.372 | 1226.48  | 1260.944 | 0.0 | -93.378 | -92.169 | 0.0 |
| 140 | 1518 | 1519 | SN | 1 | 57.719 | 58.24  | 0.0 | 0.003 | 1.291   | 0.372 | 1222.264 | 1260.592 | 0.0 | -92.98  | -92.118 | 0.0 |
| 141 | 1518 | 1519 | NS | 1 | 57.696 | 58.243 | 0.0 | 0.003 | 1.291   | 0.373 | 1226.008 | 1260.808 | 0.0 | -93.239 | -92.159 | 0.0 |
| 142 | 1519 | 1520 | NS | 1 | 57.696 | 58.246 | 0.0 | 0.003 | 1.291   | 0.377 | 1226.152 | 1260.888 | 0.0 | -93.162 | -92.164 | 0.0 |
| 143 | 1519 | 1520 | SN | 2 | 57.685 | 58.241 | 0.0 | 0.003 | 1.291   | 0.375 | 1221.864 | 1260.672 | 0.0 | -93.098 | -92.134 | 0.0 |
| 144 | 1520 | 1521 | NS | 1 | 57.705 | 58.232 | 0.0 | 0.003 | 1.291   | 0.375 | 1225.656 | 1260.872 | 0.0 | -92.932 | -92.121 | 0.0 |

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

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

|      |             |           |      |      | Outer   |        |            |          |        |            |          |        |            |           |        |            |         |         |            |          |         |            |          |       |            |           |        |            |
|------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|-------|------------|-----------|--------|------------|
|      |             |           |      |      | SNR     |        |            |          |        |            |          |        |            |           |        |            | Kp      |         |            |          |         |            |          |       |            |           |        |            |
|      |             |           |      |      | Sea Aft |        |            | Sea Fore |        |            | Land Aft |        |            | Land Fore |        |            | Sea Aft |         |            | Sea Fore |         |            | Land Aft |       |            | Land Fore |        |            |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min     | Max    | BadOcc (%) | Min      | Max    | BadOcc (%) | Min      | Max    | BadOcc (%) | Min       | Max    | BadOcc (%) | Min     | Max     | BadOcc (%) | Min      | Max     | BadOcc (%) | Min      | Max   | BadOcc (%) | Min       | Max    | BadOcc (%) |
| 1    | 1491        | 1492      | SN   | 2    | -34.922 | 17.531 | 0.0        | -33.647  | 17.008 | 0.0        | 2.083    | 22.752 | 0.052      | 4.259     | 22.879 | 0.111      | 0.081   | 207.589 | 2.882      | 0.081    | 154.848 | 2.819      | 0.08     | 0.115 | 0.0        | 0.08      | 0.1    | 0.0        |
| 2    | 1491        | 1492      | SN   | 4    | -34.922 | 17.531 | 0.0        | -33.647  | 17.008 | 0.0        | 2.083    | 22.752 | 0.052      | 4.259     | 22.879 | 0.111      | 0.081   | 207.589 | 2.882      | 0.081    | 154.848 | 2.819      | 0.08     | 0.115 | 0.0        | 0.08      | 0.1    | 0.0        |
| 3    | 1491        | 1492      | SN   | 1    | -34.922 | 17.531 | 0.0        | -33.647  | 17.008 | 0.0        | 2.083    | 22.752 | 0.052      | 4.259     | 22.879 | 0.111      | 0.081   | 207.589 | 2.882      | 0.081    | 154.848 | 2.819      | 0.08     | 0.115 | 0.0        | 0.08      | 0.1    | 0.0        |
| 4    | 1491        | 1492      | SN   | 3    | -34.922 | 17.531 | 0.0        | -33.647  | 17.008 | 0.0        | 2.083    | 22.752 | 0.052      | 4.259     | 22.879 | 0.111      | 0.081   | 207.589 | 2.882      | 0.081    | 154.848 | 2.819      | 0.08     | 0.115 | 0.0        | 0.08      | 0.1    | 0.0        |
| 5    | 1492        | 1493      | NS   | 2    | -34.176 | 16.929 | 0.0        | -34.501  | 15.814 | 0.0        | 2.158    | 23.464 | 0.036      | 1.934     | 24.191 | 0.135      | 0.081   | 174.848 | 2.531      | 0.081    | 188.48  | 2.571      | 0.08     | 0.114 | 0.0        | 0.08      | 0.116  | 0.0        |
| 6    | 1492        | 1493      | SN   | 2    | -34.357 | 17.237 | 0.0        | -34.968  | 17.353 | 0.0        | -4.987   | 22.426 | 0.007      | -3.651    | 22.085 | 0.002      | 0.081   | 182.313 | 2.413      | 0.081    | 209.839 | 2.19       | 0.08     | 0.277 | 0.0        | 0.08      | 0.222  | 0.0        |
| 7    | 1492        | 1493      | SN   | 4    | -34.357 | 17.237 | 0.0        | -34.968  | 17.353 | 0.0        | -4.987   | 22.426 | 0.007      | -3.651    | 22.085 | 0.002      | 0.081   | 182.313 | 2.413      | 0.081    | 209.839 | 2.19       | 0.08     | 0.277 | 0.0        | 0.08      | 0.222  | 0.0        |
| 8    | 1492        | 1493      | NS   | 4    | -34.176 | 16.929 | 0.0        | -34.501  | 15.814 | 0.0        | 2.158    | 23.464 | 0.036      | 1.934     | 24.191 | 0.135      | 0.081   | 174.848 | 2.531      | 0.081    | 188.48  | 2.571      | 0.08     | 0.114 | 0.0        | 0.08      | 0.116  | 0.0        |
| 9    | 1492        | 1493      | SN   | 1    | -34.357 | 17.237 | 0.0        | -34.968  | 17.353 | 0.0        | -4.987   | 22.426 | 0.007      | -3.651    | 22.085 | 0.002      | 0.081   | 182.313 | 2.413      | 0.081    | 209.839 | 2.19       | 0.08     | 0.277 | 0.0        | 0.08      | 0.222  | 0.0        |
| 10   | 1492        | 1493      | NS   | 1    | -34.176 | 16.929 | 0.0        | -34.501  | 15.814 | 0.0        | 2.158    | 23.464 | 0.036      | 1.934     | 24.191 | 0.135      | 0.081   | 174.848 | 2.531      | 0.081    | 188.48  | 2.571      | 0.08     | 0.114 | 0.0        | 0.08      | 0.116  | 0.0        |
| 11   | 1492        | 1493      | NS   | 3    | -34.176 | 16.929 | 0.0        | -34.501  | 15.814 | 0.0        | 2.158    | 23.464 | 0.036      | 1.934     | 24.191 | 0.135      | 0.081   | 174.848 | 2.531      | 0.081    | 188.48  | 2.571      | 0.08     | 0.114 | 0.0        | 0.08      | 0.116  | 0.0        |
| 12   | 1492        | 1493      | SN   | 3    | -34.357 | 17.237 | 0.0        | -34.968  | 17.353 | 0.0        | -4.987   | 22.426 | 0.007      | -3.651    | 22.085 | 0.002      | 0.081   | 182.313 | 2.413      | 0.081    | 209.839 | 2.19       | 0.08     | 0.277 | 0.0        | 0.08      | 0.222  | 0.0        |
| 13   | 1493        | 1494      | NS   | 5    | -34.685 | 19.256 | 0.0        | -33.13   | 19.044 | 0.0        | -13.304  | 23.935 | 0.007      | -10.697   | 22.853 | 0.032      | 0.08    | 196.611 | 2.656      | 0.08     | 137.479 | 2.936      | 0.08     | 1.493 | 0.002      | 0.08      | 0.848  | 0.0        |
| 14   | 1493        | 1494      | SN   | 2    | -34.708 | 17.647 | 0.0        | -34.951  | 17.39  | 0.0        | 2.202    | 22.105 | 0.006      | 2.242     | 21.969 | 0.0        | 0.081   | 197.684 | 5.674      | 0.081    | 209.043 | 4.756      | 0.08     | 0.114 | 0.0        | 0.08      | 0.113  | 0.0        |
| 15   | 1493        | 1494      | SN   | 6    | -34.708 | 17.647 | 0.0        | -34.951  | 17.39  | 0.0        | 2.202    | 22.105 | 0.006      | 2.242     | 21.969 | 0.0        | 0.081   | 197.684 | 5.674      | 0.081    | 209.043 | 4.756      | 0.08     | 0.114 | 0.0        | 0.08      | 0.113  | 0.0        |
| 16   | 1493        | 1494      | NS   | 3    | -34.349 | 19.256 | 0.0        | -34.993  | 19.044 | 0.0        | -13.295  | 23.934 | 0.007      | -10.699   | 22.853 | 0.032      | 0.08    | 181.966 | 2.663      | 0.08     | 211.028 | 2.935      | 0.08     | 1.489 | 0.002      | 0.08      | 0.848  | 0.0        |
| 17   | 1493        | 1494      | SN   | 4    | -34.752 | 17.648 | 0.0        | -34.738  | 17.39  | 0.0        | 2.199    | 22.105 | 0.006      | 2.243     | 21.969 | 0.0        | 0.081   | 199.618 | 5.666      | 0.081    | 199.034 | 4.747      | 0.08     | 0.114 | 0.0        | 0.08      | 0.113  | 0.0        |
| 18   | 1493        | 1494      | NS   | 1    | -34.685 | 19.256 | 0.0        | -33.13   | 19.044 | 0.0        | -13.304  | 23.935 | 0.007      | -10.697   | 22.853 | 0.032      | 0.08    | 196.611 | 2.656      | 0.08     | 137.479 | 2.936      | 0.08     | 1.493 | 0.002      | 0.08      | 0.848  | 0.0        |
| 19   | 1493        | 1494      | SN   | 8    | -34.708 | 17.647 | 0.0        | -34.951  | 17.39  | 0.0        | 2.202    | 22.105 | 0.006      | 2.242     | 21.969 | 0.0        | 0.081   | 197.684 | 5.674      | 0.081    | 209.043 | 4.756      | 0.08     | 0.114 | 0.0        | 0.08      | 0.113  | 0.0        |
| 20   | 1493        | 1494      | NS   | 7    | -34.685 | 19.256 | 0.0        | -33.13   | 19.044 | 0.0        | -13.304  | 23.935 | 0.007      | -10.697   | 22.853 | 0.032      | 0.08    | 196.611 | 2.656      | 0.08     | 137.479 | 2.936      | 0.08     | 1.493 | 0.002      | 0.08      | 0.848  | 0.0        |
| 21   | 1494        | 1495      | SN   | 4    | -34.965 | 17.911 | 0.0        | -34.601  | 18.216 | 0.0        | 1.215    | 22.234 | 0.004      | 2.372     | 21.411 | 0.0        | 0.081   | 209.719 | 2.674      | 0.081    | 193.473 | 2.505      | 0.08     | 0.123 | 0.0        | 0.08      | 0.112  | 0.0        |
| 22   | 1494        | 1495      | SN   | 1    | -34.965 | 17.911 | 0.0        | -34.601  | 18.216 | 0.0        | 1.215    | 22.234 | 0.004      | 2.372     | 21.411 | 0.0        | 0.081   | 209.719 | 2.674      | 0.081    | 193.473 | 2.505      | 0.08     | 0.123 | 0.0        | 0.08      | 0.112  | 0.0        |
| 23   | 1494        | 1495      | SN   | 3    | -34.965 | 17.911 | 0.0        | -34.601  | 18.216 | 0.0        | 1.215    | 22.234 | 0.004      | 2.372     | 21.411 | 0.0        | 0.081   | 209.719 | 2.674      | 0.081    | 193.473 | 2.505      | 0.08     | 0.123 | 0.0        | 0.08      | 0.112  | 0.0        |
| 24   | 1494        | 1495      | NS   | 1    | -34.931 | 17.45  | 0.0        | -34.97   | 18.823 | 0.0        | -9.84    | 21.329 | 0.0        | -25.295   | 22.686 | 0.008      | 0.081   | 208.076 | 4.745      | 0.08     | 209.927 | 5.606      | 0.08     | 0.707 | 0.0        | 0.08      | 22.68  | 0.07       |
| 25   | 1494        | 1495      | NS   | 4    | -34.931 | 17.45  | 0.0        | -34.97   | 18.823 | 0.0        | -9.84    | 21.329 | 0.0        | -25.295   | 22.686 | 0.008      | 0.081   | 208.076 | 4.745      | 0.08     | 209.927 | 5.606      | 0.08     | 0.707 | 0.0        | 0.08      | 22.68  | 0.07       |
| 26   | 1494        | 1495      | NS   | 2    | -34.931 | 17.45  | 0.0        | -34.97   | 18.823 | 0.0        | -9.84    | 21.329 | 0.0        | -25.295   | 22.686 | 0.008      | 0.081   | 208.076 | 4.745      | 0.08     | 209.927 | 5.606      | 0.08     | 0.707 | 0.0        | 0.08      | 22.68  | 0.07       |
| 27   | 1494        | 1495      | NS   | 3    | -34.931 | 17.45  | 0.0        | -34.97   | 18.823 | 0.0        | -9.84    | 21.329 | 0.0        | -25.295   | 22.686 | 0.008      | 0.081   | 208.076 | 4.745      | 0.08     | 209.927 | 5.606      | 0.08     | 0.707 | 0.0        | 0.08      | 22.68  | 0.07       |
| 28   | 1494        | 1495      | SN   | 2    | -34.965 | 17.911 | 0.0        | -34.601  | 18.216 | 0.0        | 1.215    | 22.234 | 0.004      | 2.372     | 21.411 | 0.0        | 0.081   | 209.719 | 2.674      | 0.081    | 193.473 | 2.505      | 0.08     | 0.123 | 0.0        | 0.08      | 0.112  | 0.0        |
| 29   | 1495        | 1496      | SN   | 8    | -34.929 | 17.208 | 0.0        | -34.951  | 16.952 | 0.0        | 0.635    | 21.864 | 0.0        | 1.201     | 21.92  | 0.0        | 0.081   | 207.986 | 2.923      | 0.081    | 209.005 | 2.89       | 0.08     | 0.13  | 0.0        | 0.08      | 0.123  | 0.0        |
| 30   | 1495        | 1496      | NS   | 3    | -34.878 | 17.486 | 0.0        | -34.97   | 17.46  | 0.0        | -10.869  | 22.291 | 0.003      | -24.469   | 22.927 | 0.007      | 0.081   | 205.53  | 6.642      | 0.081    | 209.904 | 6.567      | 0.08     | 0.879 | 0.0        | 0.08      | 18.762 | 0.042      |
| 31   | 1495        | 1496      | SN   | 2    | -34.929 | 17.208 | 0.0        | -34.951  | 16.952 | 0.0        | 0.635    | 21.864 | 0.0        | 1.201     | 21.92  | 0.0        | 0.081   | 207.986 | 2.923      | 0.081    | 209.005 | 2.89       | 0.08     | 0.13  | 0.0        | 0.08      | 0.123  | 0.0        |
| 32   | 1495        | 1496      | NS   | 7    | -34.812 | 17.488 | 0.0        | -34.956  | 17.46  | 0.0        | -10.838  | 22.294 | 0.003      | -23.904   | 22.928 | 0.007      | 0.081   | 202.41  | 6.635      | 0.081    | 209.285 | 6.578      | 0.08     | 0.873 | 0.0        | 0.08      | 16.482 | 0.042      |

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



|    |      |      |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |      |        |       |      |        |       |
|----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|--------|-------|------|--------|-------|
| 33 | 1495 | 1496 | SN | 6 | -34.929 | 17.208 | 0.0 | -34.951 | 16.952 | 0.0 | 0.635   | 21.864 | 0.0   | 1.201   | 21.92  | 0.0   | 0.081 | 207.986 | 2.923 | 0.081 | 209.005 | 2.89  | 0.08 | 0.13   | 0.0   | 0.08 | 0.123  | 0.0   |
| 34 | 1495 | 1496 | SN | 4 | -34.929 | 17.208 | 0.0 | -34.951 | 16.952 | 0.0 | 0.635   | 21.864 | 0.0   | 1.201   | 21.92  | 0.0   | 0.081 | 207.986 | 2.923 | 0.081 | 209.005 | 2.89  | 0.08 | 0.13   | 0.0   | 0.08 | 0.123  | 0.0   |
| 35 | 1495 | 1496 | NS | 5 | -34.812 | 17.488 | 0.0 | -34.956 | 17.46  | 0.0 | -10.838 | 22.294 | 0.003 | -23.904 | 22.928 | 0.007 | 0.081 | 202.41  | 6.635 | 0.081 | 209.285 | 6.578 | 0.08 | 0.873  | 0.0   | 0.08 | 16.482 | 0.042 |
| 36 | 1495 | 1496 | NS | 1 | -34.812 | 17.488 | 0.0 | -34.956 | 17.46  | 0.0 | -10.838 | 22.294 | 0.003 | -23.904 | 22.928 | 0.007 | 0.081 | 202.41  | 6.635 | 0.081 | 209.285 | 6.578 | 0.08 | 0.873  | 0.0   | 0.08 | 16.482 | 0.042 |
| 37 | 1496 | 1497 | NS | 1 | -34.727 | 16.422 | 0.0 | -34.874 | 17.064 | 0.0 | -14.839 | 22.65  | 0.021 | -24.178 | 23.074 | 0.022 | 0.081 | 198.504 | 4.496 | 0.081 | 205.32  | 5.06  | 0.08 | 2.099  | 0.001 | 0.08 | 17.55  | 0.005 |
| 38 | 1496 | 1497 | NS | 3 | -34.727 | 16.422 | 0.0 | -34.874 | 17.064 | 0.0 | -14.839 | 22.65  | 0.021 | -24.178 | 23.074 | 0.022 | 0.081 | 198.504 | 4.496 | 0.081 | 205.32  | 5.06  | 0.08 | 2.099  | 0.001 | 0.08 | 17.55  | 0.005 |
| 39 | 1496 | 1497 | SN | 2 | -34.532 | 14.81  | 0.0 | -34.185 | 15.511 | 0.0 | -0.028  | 21.808 | 0.0   | 1.173   | 21.955 | 0.0   | 0.082 | 189.775 | 1.294 | 0.081 | 175.223 | 1.254 | 0.08 | 0.138  | 0.0   | 0.08 | 0.123  | 0.0   |
| 40 | 1496 | 1497 | NS | 1 | -34.727 | 16.422 | 0.0 | -34.874 | 17.064 | 0.0 | -14.839 | 22.65  | 0.021 | -24.178 | 23.074 | 0.022 | 0.081 | 198.504 | 4.449 | 0.081 | 205.32  | 5.066 | 0.08 | 2.099  | 0.001 | 0.08 | 17.55  | 0.005 |
| 41 | 1496 | 1497 | SN | 4 | -34.532 | 14.81  | 0.0 | -34.185 | 15.511 | 0.0 | -0.028  | 21.808 | 0.0   | 1.173   | 21.955 | 0.0   | 0.082 | 189.775 | 1.295 | 0.081 | 175.223 | 1.255 | 0.08 | 0.138  | 0.0   | 0.08 | 0.123  | 0.0   |
| 42 | 1496 | 1497 | SN | 4 | -34.532 | 14.81  | 0.0 | -34.185 | 15.511 | 0.0 | -0.028  | 21.808 | 0.0   | 1.173   | 21.955 | 0.0   | 0.082 | 189.775 | 1.294 | 0.081 | 175.223 | 1.254 | 0.08 | 0.138  | 0.0   | 0.08 | 0.123  | 0.0   |
| 43 | 1496 | 1497 | SN | 2 | -34.532 | 14.81  | 0.0 | -34.185 | 15.511 | 0.0 | -0.028  | 21.808 | 0.0   | 1.173   | 21.955 | 0.0   | 0.082 | 189.775 | 1.295 | 0.081 | 175.223 | 1.255 | 0.08 | 0.138  | 0.0   | 0.08 | 0.123  | 0.0   |
| 44 | 1496 | 1497 | NS | 3 | -34.727 | 16.422 | 0.0 | -34.874 | 17.064 | 0.0 | -14.839 | 22.65  | 0.021 | -24.178 | 23.074 | 0.022 | 0.081 | 198.504 | 4.449 | 0.081 | 205.32  | 5.066 | 0.08 | 2.099  | 0.001 | 0.08 | 17.55  | 0.005 |
| 45 | 1497 | 1498 | NS | 4 | -34.83  | 17.194 | 0.0 | -34.858 | 17.098 | 0.0 | -18.182 | 25.739 | 0.002 | -23.93  | 22.288 | 0.008 | 0.081 | 203.281 | 1.808 | 0.081 | 204.599 | 2.176 | 0.08 | 4.458  | 0.039 | 0.08 | 16.579 | 0.015 |
| 46 | 1497 | 1498 | SN | 1 | -34.736 | 14.915 | 0.0 | -34.654 | 15.789 | 0.0 | 0.828   | 21.606 | 0.0   | 1.048   | 21.55  | 0.0   | 0.081 | 198.907 | 2.691 | 0.081 | 195.192 | 2.73  | 0.08 | 0.127  | 0.0   | 0.08 | 0.125  | 0.0   |
| 47 | 1497 | 1498 | NS | 3 | -34.83  | 17.194 | 0.0 | -34.858 | 17.098 | 0.0 | -18.182 | 25.739 | 0.002 | -23.93  | 22.288 | 0.008 | 0.081 | 203.281 | 1.808 | 0.081 | 204.599 | 2.176 | 0.08 | 4.458  | 0.039 | 0.08 | 16.579 | 0.015 |
| 48 | 1497 | 1498 | NS | 1 | -34.83  | 17.194 | 0.0 | -34.858 | 17.098 | 0.0 | -18.182 | 25.739 | 0.002 | -23.93  | 22.288 | 0.008 | 0.081 | 203.281 | 1.808 | 0.081 | 204.599 | 2.176 | 0.08 | 4.458  | 0.039 | 0.08 | 16.579 | 0.015 |
| 49 | 1497 | 1498 | NS | 2 | -34.83  | 17.194 | 0.0 | -34.858 | 17.098 | 0.0 | -18.182 | 25.739 | 0.002 | -23.93  | 22.288 | 0.008 | 0.081 | 203.281 | 1.808 | 0.081 | 204.599 | 2.176 | 0.08 | 4.458  | 0.039 | 0.08 | 16.579 | 0.015 |
| 50 | 1497 | 1498 | SN | 4 | -34.736 | 14.915 | 0.0 | -34.654 | 15.789 | 0.0 | 0.828   | 21.606 | 0.0   | 1.048   | 21.55  | 0.0   | 0.081 | 198.907 | 2.691 | 0.081 | 195.192 | 2.73  | 0.08 | 0.127  | 0.0   | 0.08 | 0.125  | 0.0   |
| 51 | 1497 | 1498 | SN | 2 | -34.736 | 14.915 | 0.0 | -34.654 | 15.789 | 0.0 | 0.828   | 21.606 | 0.0   | 1.048   | 21.55  | 0.0   | 0.081 | 198.907 | 2.691 | 0.081 | 195.192 | 2.73  | 0.08 | 0.127  | 0.0   | 0.08 | 0.125  | 0.0   |
| 52 | 1497 | 1498 | SN | 3 | -34.736 | 14.915 | 0.0 | -34.654 | 15.789 | 0.0 | 0.828   | 21.606 | 0.0   | 1.048   | 21.55  | 0.0   | 0.081 | 198.907 | 2.691 | 0.081 | 195.192 | 2.73  | 0.08 | 0.127  | 0.0   | 0.08 | 0.125  | 0.0   |
| 53 | 1498 | 1499 | SN | 1 | -34.645 | 14.978 | 0.0 | -35.001 | 18.369 | 0.0 | -1.247  | 23.153 | 0.135 | 3.387   | 23.088 | 0.333 | 0.081 | 194.832 | 3.278 | 0.081 | 211.389 | 3.022 | 0.08 | 0.159  | 0.0   | 0.08 | 0.105  | 0.0   |
| 54 | 1498 | 1499 | NS | 1 | -34.929 | 18.445 | 0.0 | -34.933 | 19.165 | 0.0 | -2.698  | 22.15  | 0.007 | -2.962  | 22.152 | 0.009 | 0.081 | 208.016 | 1.92  | 0.08  | 208.134 | 2.317 | 0.08 | 0.193  | 0.0   | 0.08 | 0.2    | 0.0   |
| 55 | 1498 | 1499 | SN | 2 | -34.645 | 14.978 | 0.0 | -35.001 | 18.369 | 0.0 | -1.247  | 23.153 | 0.135 | 3.387   | 23.088 | 0.333 | 0.081 | 194.832 | 3.278 | 0.081 | 211.389 | 3.022 | 0.08 | 0.159  | 0.0   | 0.08 | 0.105  | 0.0   |
| 56 | 1498 | 1499 | NS | 4 | -33.936 | 18.445 | 0.0 | -34.687 | 19.165 | 0.0 | -2.696  | 22.15  | 0.007 | -2.964  | 22.153 | 0.009 | 0.081 | 165.492 | 1.918 | 0.08  | 196.686 | 2.32  | 0.08 | 0.193  | 0.0   | 0.08 | 0.2    | 0.0   |
| 57 | 1498 | 1499 | NS | 2 | -34.929 | 18.445 | 0.0 | -34.933 | 19.165 | 0.0 | -2.698  | 22.15  | 0.007 | -2.962  | 22.152 | 0.009 | 0.081 | 208.016 | 1.92  | 0.08  | 208.134 | 2.317 | 0.08 | 0.193  | 0.0   | 0.08 | 0.2    | 0.0   |
| 58 | 1498 | 1499 | SN | 1 | -34.645 | 14.977 | 0.0 | -35.001 | 18.372 | 0.0 | -1.247  | 23.153 | 0.137 | 3.387   | 22.896 | 0.3   | 0.081 | 194.832 | 3.28  | 0.081 | 211.389 | 3.009 | 0.08 | 0.159  | 0.0   | 0.08 | 0.105  | 0.0   |
| 59 | 1498 | 1499 | SN | 3 | -34.645 | 14.978 | 0.0 | -35.001 | 18.369 | 0.0 | -1.247  | 23.153 | 0.135 | 3.387   | 23.088 | 0.333 | 0.081 | 194.832 | 3.278 | 0.081 | 211.389 | 3.022 | 0.08 | 0.159  | 0.0   | 0.08 | 0.105  | 0.0   |
| 60 | 1499 | 1500 | SN | 5 | -34.716 | 15.347 | 0.0 | -34.371 | 18.32  | 0.0 | -8.084  | 22.967 | 0.099 | -7.858  | 23.632 | 0.424 | 0.081 | 197.99  | 4.11  | 0.081 | 188.711 | 3.319 | 0.08 | 0.494  | 0.0   | 0.08 | 0.472  | 0.0   |
| 61 | 1499 | 1500 | NS | 1 | -34.58  | 19.414 | 0.0 | -34.448 | 18.69  | 0.0 | -1.92   | 22.848 | 0.135 | -0.832  | 23.379 | 0.414 | 0.08  | 191.88  | 1.85  | 0.08  | 186.181 | 1.877 | 0.08 | 0.173  | 0.0   | 0.08 | 0.151  | 0.0   |
| 62 | 1499 | 1500 | SN | 1 | -34.716 | 15.347 | 0.0 | -34.371 | 18.32  | 0.0 | -8.084  | 22.967 | 0.099 | -7.858  | 23.632 | 0.424 | 0.081 | 197.99  | 4.11  | 0.081 | 188.711 | 3.319 | 0.08 | 0.494  | 0.0   | 0.08 | 0.472  | 0.0   |
| 63 | 1499 | 1500 | NS | 4 | -34.838 | 19.412 | 0.0 | -34.58  | 18.69  | 0.0 | -1.93   | 22.846 | 0.135 | -0.826  | 23.379 | 0.414 | 0.08  | 203.662 | 1.867 | 0.08  | 191.916 | 1.877 | 0.08 | 0.173  | 0.0   | 0.08 | 0.151  | 0.0   |
| 64 | 1499 | 1500 | NS | 2 | -34.58  | 19.414 | 0.0 | -34.448 | 18.69  | 0.0 | -1.92   | 22.848 | 0.135 | -0.832  | 23.379 | 0.414 | 0.08  | 191.88  | 1.85  | 0.08  | 186.181 | 1.877 | 0.08 | 0.173  | 0.0   | 0.08 | 0.151  | 0.0   |
| 65 | 1499 | 1500 | NS | 3 | -34.838 | 19.412 | 0.0 | -34.58  | 18.69  | 0.0 | -1.93   | 22.846 | 0.135 | -0.826  | 23.379 | 0.414 | 0.08  | 203.662 | 1.867 | 0.08  | 191.916 | 1.877 | 0.08 | 0.173  | 0.0   | 0.08 | 0.151  | 0.0   |
| 66 | 1499 | 1500 | SN | 2 | -34.716 | 15.347 | 0.0 | -34.371 | 18.32  | 0.0 | -8.084  | 22.967 | 0.099 | -7.858  | 23.632 | 0.424 | 0.081 | 197.99  | 4.11  | 0.081 | 188.711 | 3.319 | 0.08 | 0.494  | 0.0   | 0.08 | 0.472  | 0.0   |
| 67 | 1500 | 1501 | NS | 2 | -34.925 | 18.471 | 0.0 | -34.962 | 18.049 | 0.0 | -3.982  | 23.137 | 0.322 | -1.975  | 23.666 | 1.08  | 0.081 | 207.744 | 3.433 | 0.081 | 209.513 | 3.709 | 0.08 | 0.234  | 0.0   | 0.08 | 0.174  | 0.0   |
| 68 | 1500 | 1501 | SN | 3 | -33.984 | 16.269 | 0.0 | -33.498 | 18.366 | 0.0 | -30.81  | 22.647 | 0.069 | -7.059  | 23.289 | 0.285 | 0.081 | 167.342 | 1.426 | 0.081 | 149.614 | 0.914 | 0.08 | 80.594 | 0.064 | 0.08 | 0.404  | 0.0   |
| 69 | 1500 | 1501 | SN | 5 | -33.984 | 16.269 | 0.0 | -33.498 | 18.366 | 0.0 | -30.81  | 22.647 | 0.069 | -7.059  | 23.289 | 0.285 | 0.081 | 167.342 | 1.426 | 0.081 | 149.614 | 0.914 | 0.08 | 80.594 | 0.064 | 0.08 | 0.404  | 0.0   |

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

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

|     |      |      |    |   |         |        |     |         |        |     |         |        |       |         |        |       |       |         |       |       |         |       |      |        |       |      |        |       |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|------|--------|-------|------|--------|-------|
| 70  | 1500 | 1501 | NS | 4 | -34.925 | 18.471 | 0.0 | -34.962 | 18.049 | 0.0 | -3.982  | 23.137 | 0.321 | -1.975  | 23.666 | 1.077 | 0.081 | 207.744 | 3.431 | 0.081 | 209.513 | 3.709 | 0.08 | 0.234  | 0.0   | 0.08 | 0.174  | 0.0   |
| 71  | 1500 | 1501 | NS | 1 | -34.925 | 18.471 | 0.0 | -34.962 | 18.049 | 0.0 | -3.982  | 23.137 | 0.322 | -1.975  | 23.666 | 1.08  | 0.081 | 207.744 | 3.433 | 0.081 | 209.513 | 3.709 | 0.08 | 0.234  | 0.0   | 0.08 | 0.174  | 0.0   |
| 72  | 1500 | 1501 | SN | 2 | -33.984 | 16.269 | 0.0 | -33.498 | 18.366 | 0.0 | -30.81  | 22.647 | 0.069 | -7.059  | 23.289 | 0.285 | 0.081 | 167.342 | 1.426 | 0.081 | 149.614 | 0.914 | 0.08 | 80.594 | 0.064 | 0.08 | 0.404  | 0.0   |
| 73  | 1500 | 1501 | SN | 1 | -33.984 | 16.269 | 0.0 | -33.498 | 18.366 | 0.0 | -30.81  | 22.647 | 0.069 | -7.059  | 23.289 | 0.285 | 0.081 | 167.342 | 1.426 | 0.081 | 149.614 | 0.914 | 0.08 | 80.594 | 0.064 | 0.08 | 0.404  | 0.0   |
| 74  | 1500 | 1501 | NS | 6 | -34.925 | 18.471 | 0.0 | -34.962 | 18.049 | 0.0 | -3.982  | 23.137 | 0.321 | -1.975  | 23.666 | 1.077 | 0.081 | 207.744 | 3.431 | 0.081 | 209.513 | 3.709 | 0.08 | 0.234  | 0.0   | 0.08 | 0.174  | 0.0   |
| 75  | 1501 | 1502 | NS | 2 | -34.897 | 18.171 | 0.0 | -34.849 | 17.013 | 0.0 | -0.543  | 22.964 | 0.114 | -2.046  | 23.652 | 0.738 | 0.081 | 206.475 | 3.641 | 0.081 | 204.139 | 3.667 | 0.08 | 0.146  | 0.0   | 0.08 | 0.176  | 0.0   |
| 76  | 1501 | 1502 | NS | 1 | -34.897 | 18.171 | 0.0 | -34.849 | 17.013 | 0.0 | -0.543  | 22.964 | 0.114 | -2.046  | 23.652 | 0.738 | 0.081 | 206.475 | 3.641 | 0.081 | 204.139 | 3.658 | 0.08 | 0.146  | 0.0   | 0.08 | 0.176  | 0.0   |
| 77  | 1501 | 1502 | NS | 3 | -34.897 | 18.171 | 0.0 | -34.849 | 17.013 | 0.0 | -0.543  | 22.964 | 0.114 | -2.046  | 23.652 | 0.738 | 0.081 | 206.475 | 3.641 | 0.081 | 204.139 | 3.667 | 0.08 | 0.146  | 0.0   | 0.08 | 0.176  | 0.0   |
| 78  | 1501 | 1502 | NS | 1 | -34.897 | 18.171 | 0.0 | -34.849 | 17.013 | 0.0 | -0.543  | 22.964 | 0.114 | -2.046  | 23.652 | 0.738 | 0.081 | 206.475 | 3.641 | 0.081 | 204.139 | 3.667 | 0.08 | 0.146  | 0.0   | 0.08 | 0.176  | 0.0   |
| 79  | 1501 | 1502 | SN | 1 | -34.533 | 16.422 | 0.0 | -34.803 | 18.96  | 0.0 | -26.97  | 22.851 | 0.085 | -24.642 | 23.468 | 0.191 | 0.081 | 189.894 | 4.063 | 0.08  | 202.028 | 3.749 | 0.08 | 33.33  | 0.087 | 0.08 | 19.519 | 0.028 |
| 80  | 1501 | 1502 | SN | 2 | -34.533 | 16.422 | 0.0 | -34.803 | 18.96  | 0.0 | -26.97  | 22.851 | 0.085 | -24.642 | 23.468 | 0.191 | 0.081 | 189.894 | 4.063 | 0.08  | 202.028 | 3.749 | 0.08 | 33.33  | 0.087 | 0.08 | 19.519 | 0.028 |
| 81  | 1501 | 1502 | SN | 3 | -34.533 | 16.422 | 0.0 | -34.803 | 18.96  | 0.0 | -26.97  | 22.851 | 0.085 | -24.642 | 23.468 | 0.191 | 0.081 | 189.894 | 4.063 | 0.08  | 202.028 | 3.749 | 0.08 | 33.33  | 0.087 | 0.08 | 19.519 | 0.028 |
| 82  | 1502 | 1503 | NS | 4 | -34.464 | 18.487 | 0.0 | -34.847 | 17.67  | 0.0 | -1.243  | 22.754 | 0.109 | -0.527  | 23.529 | 0.565 | 0.081 | 186.827 | 3.721 | 0.081 | 204.127 | 3.737 | 0.08 | 0.159  | 0.0   | 0.08 | 0.146  | 0.0   |
| 83  | 1502 | 1503 | NS | 1 | -34.464 | 18.487 | 0.0 | -34.847 | 17.67  | 0.0 | -1.243  | 22.754 | 0.109 | -0.527  | 23.529 | 0.565 | 0.081 | 186.827 | 3.718 | 0.081 | 204.127 | 3.742 | 0.08 | 0.159  | 0.0   | 0.08 | 0.146  | 0.0   |
| 84  | 1502 | 1503 | NS | 3 | -34.464 | 18.487 | 0.0 | -34.847 | 17.67  | 0.0 | -1.243  | 22.754 | 0.109 | -0.527  | 23.529 | 0.565 | 0.081 | 186.827 | 3.721 | 0.081 | 204.127 | 3.737 | 0.08 | 0.159  | 0.0   | 0.08 | 0.146  | 0.0   |
| 85  | 1502 | 1503 | NS | 2 | -34.464 | 18.487 | 0.0 | -34.847 | 17.67  | 0.0 | -1.243  | 22.754 | 0.109 | -0.527  | 23.529 | 0.565 | 0.081 | 186.827 | 3.718 | 0.081 | 204.127 | 3.742 | 0.08 | 0.159  | 0.0   | 0.08 | 0.146  | 0.0   |
| 86  | 1502 | 1503 | SN | 1 | -34.552 | 16.078 | 0.0 | -34.557 | 18.781 | 0.0 | -24.167 | 23.134 | 0.052 | -20.333 | 23.498 | 0.153 | 0.081 | 190.677 | 5.831 | 0.08  | 190.882 | 5.214 | 0.08 | 17.506 | 0.043 | 0.08 | 7.277  | 0.026 |
| 87  | 1502 | 1503 | SN | 1 | -34.911 | 16.078 | 0.0 | -34.326 | 18.781 | 0.0 | -24.114 | 23.134 | 0.052 | -20.337 | 23.498 | 0.153 | 0.081 | 207.096 | 5.821 | 0.08  | 181.038 | 5.232 | 0.08 | 17.294 | 0.043 | 0.08 | 7.283  | 0.026 |
| 88  | 1502 | 1503 | SN | 2 | -34.911 | 16.078 | 0.0 | -34.326 | 18.781 | 0.0 | -24.114 | 23.134 | 0.052 | -20.337 | 23.498 | 0.153 | 0.081 | 207.096 | 5.821 | 0.08  | 181.038 | 5.232 | 0.08 | 17.294 | 0.043 | 0.08 | 7.283  | 0.026 |
| 89  | 1502 | 1503 | SN | 2 | -34.552 | 16.078 | 0.0 | -34.557 | 18.781 | 0.0 | -24.167 | 23.134 | 0.052 | -20.333 | 23.498 | 0.153 | 0.081 | 190.677 | 5.831 | 0.08  | 190.882 | 5.214 | 0.08 | 17.506 | 0.043 | 0.08 | 7.277  | 0.026 |
| 90  | 1503 | 1504 | NS | 3 | -34.88  | 18.337 | 0.0 | -34.973 | 17.217 | 0.0 | 6.298   | 23.142 | 0.222 | 6.321   | 23.66  | 0.643 | 0.081 | 205.638 | 4.386 | 0.081 | 210.103 | 4.419 | 0.08 | 0.092  | 0.0   | 0.08 | 0.092  | 0.0   |
| 91  | 1503 | 1504 | SN | 1 | -34.922 | 16.949 | 0.0 | -34.937 | 18.767 | 0.0 | -17.264 | 22.986 | 0.081 | -15.499 | 24.763 | 0.171 | 0.081 | 207.592 | 6.321 | 0.08  | 208.377 | 5.799 | 0.08 | 3.621  | 0.015 | 0.08 | 2.433  | 0.004 |
| 92  | 1503 | 1504 | NS | 1 | -34.976 | 18.338 | 0.0 | -34.674 | 17.217 | 0.0 | 6.298   | 23.142 | 0.223 | 6.321   | 23.66  | 0.643 | 0.081 | 210.24  | 4.392 | 0.081 | 196.155 | 4.427 | 0.08 | 0.092  | 0.0   | 0.08 | 0.092  | 0.0   |
| 93  | 1503 | 1504 | NS | 4 | -34.88  | 18.337 | 0.0 | -34.973 | 17.217 | 0.0 | 6.298   | 23.142 | 0.222 | 6.321   | 23.66  | 0.643 | 0.081 | 205.638 | 4.386 | 0.081 | 210.103 | 4.419 | 0.08 | 0.092  | 0.0   | 0.08 | 0.092  | 0.0   |
| 94  | 1503 | 1504 | NS | 2 | -34.976 | 18.338 | 0.0 | -34.674 | 17.217 | 0.0 | 6.298   | 23.142 | 0.223 | 6.321   | 23.66  | 0.643 | 0.081 | 210.24  | 4.392 | 0.081 | 196.155 | 4.427 | 0.08 | 0.092  | 0.0   | 0.08 | 0.092  | 0.0   |
| 95  | 1503 | 1504 | SN | 2 | -34.922 | 16.949 | 0.0 | -34.937 | 18.767 | 0.0 | -17.264 | 22.986 | 0.081 | -15.499 | 24.763 | 0.171 | 0.081 | 207.592 | 6.321 | 0.08  | 208.377 | 5.799 | 0.08 | 3.621  | 0.015 | 0.08 | 2.433  | 0.004 |
| 96  | 1503 | 1504 | SN | 1 | -34.114 | 16.946 | 0.0 | -34.953 | 18.767 | 0.0 | -17.439 | 22.986 | 0.079 | -15.46  | 24.763 | 0.171 | 0.081 | 172.393 | 6.329 | 0.08  | 209.069 | 5.839 | 0.08 | 3.767  | 0.015 | 0.08 | 2.469  | 0.004 |
| 97  | 1503 | 1504 | SN | 2 | -34.114 | 16.946 | 0.0 | -34.953 | 18.767 | 0.0 | -17.439 | 22.986 | 0.079 | -15.46  | 24.763 | 0.171 | 0.081 | 172.393 | 6.329 | 0.08  | 209.069 | 5.839 | 0.08 | 3.767  | 0.015 | 0.08 | 2.469  | 0.004 |
| 98  | 1504 | 1505 | NS | 2 | -34.665 | 18.191 | 0.0 | -34.405 | 18.037 | 0.0 | -0.041  | 23.312 | 0.23  | 0.703   | 23.048 | 0.76  | 0.081 | 195.715 | 2.632 | 0.081 | 184.36  | 2.718 | 0.08 | 0.139  | 0.0   | 0.08 | 0.129  | 0.0   |
| 99  | 1504 | 1505 | NS | 1 | -34.665 | 18.191 | 0.0 | -34.405 | 18.037 | 0.0 | -0.041  | 23.312 | 0.23  | 0.703   | 23.048 | 0.76  | 0.081 | 195.715 | 2.632 | 0.081 | 184.36  | 2.718 | 0.08 | 0.139  | 0.0   | 0.08 | 0.129  | 0.0   |
| 100 | 1504 | 1505 | SN | 1 | -34.894 | 18.769 | 0.0 | -34.988 | 18.685 | 0.0 | -27.753 | 23.108 | 0.306 | -23.025 | 23.363 | 0.72  | 0.08  | 206.304 | 5.857 | 0.08  | 210.828 | 5.524 | 0.08 | 39.902 | 0.07  | 0.08 | 13.473 | 0.119 |
| 101 | 1504 | 1505 | SN | 2 | -34.894 | 18.769 | 0.0 | -34.988 | 18.685 | 0.0 | -27.753 | 23.108 | 0.306 | -23.025 | 23.363 | 0.72  | 0.08  | 206.304 | 5.857 | 0.08  | 210.828 | 5.524 | 0.08 | 39.902 | 0.07  | 0.08 | 13.473 | 0.119 |
| 102 | 1504 | 1505 | NS | 1 | -34.826 | 18.188 | 0.0 | -34.614 | 18.038 | 0.0 | -0.043  | 23.314 | 0.121 | 0.703   | 23.352 | 0.623 | 0.081 | 203.122 | 2.659 | 0.081 | 193.406 | 2.714 | 0.08 | 0.139  | 0.0   | 0.08 | 0.129  | 0.0   |
| 103 | 1504 | 1505 | NS | 2 | -34.826 | 18.188 | 0.0 | -34.614 | 18.038 | 0.0 | -0.043  | 23.314 | 0.121 | 0.703   | 23.352 | 0.623 | 0.081 | 203.122 | 2.659 | 0.081 | 193.406 | 2.714 | 0.08 | 0.139  | 0.0   | 0.08 | 0.129  | 0.0   |
| 104 | 1504 | 1505 | SN | 3 | -34.894 | 18.769 | 0.0 | -34.988 | 18.685 | 0.0 | -27.753 | 23.108 | 0.306 | -23.025 | 23.363 | 0.72  | 0.08  | 206.304 | 5.857 | 0.08  | 210.828 | 5.524 | 0.08 | 39.902 | 0.07  | 0.08 | 13.473 | 0.119 |
| 105 | 1505 | 1506 | SN | 3 | -34.855 | 18.015 | 0.0 | -34.694 | 18.125 | 0.0 | 1.982   | 22.873 | 0.369 | 3.956   | 23.69  | 1.046 | 0.081 | 204.431 | 3.802 | 0.081 | 197.055 | 3.575 | 0.08 | 0.116  | 0.0   | 0.08 | 0.102  | 0.0   |
| 106 | 1505 | 1506 | NS | 2 | -34.953 | 17.921 | 0.0 | -34.974 | 17.814 | 0.0 | 2.14    | 22.641 | 0.268 | 2.989   | 23.737 | 0.717 | 0.081 | 209.136 | 1.879 | 0.081 | 210.175 | 2.09  | 0.08 | 0.114  | 0.0   | 0.08 | 0.108  | 0.0   |

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

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




|     |      |      |    |   |         |        |     |         |        |     |       |        |       |       |        |       |       |         |       |       |         |       |      |      |     |      |       |     |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|-------|--------|-------|-------|--------|-------|-------|---------|-------|-------|---------|-------|------|------|-----|------|-------|-----|
| 144 | 1520 | 1521 | NS | 1 | -34.829 | 17.924 | 0.0 | -33.313 | 16.528 | 0.0 | 1.495 | 23.501 | 0.284 | 1.139 | 23.708 | 0.656 | 0.081 | 203.226 | 1.718 | 0.081 | 143.372 | 1.837 | 0.08 | 0.12 | 0.0 | 0.08 | 0.124 | 0.0 |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|-------|--------|-------|-------|--------|-------|-------|---------|-------|-------|---------|-------|------|------|-----|------|-------|-----|

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

 Normal

 Deviations

 Alarming

 High Errors