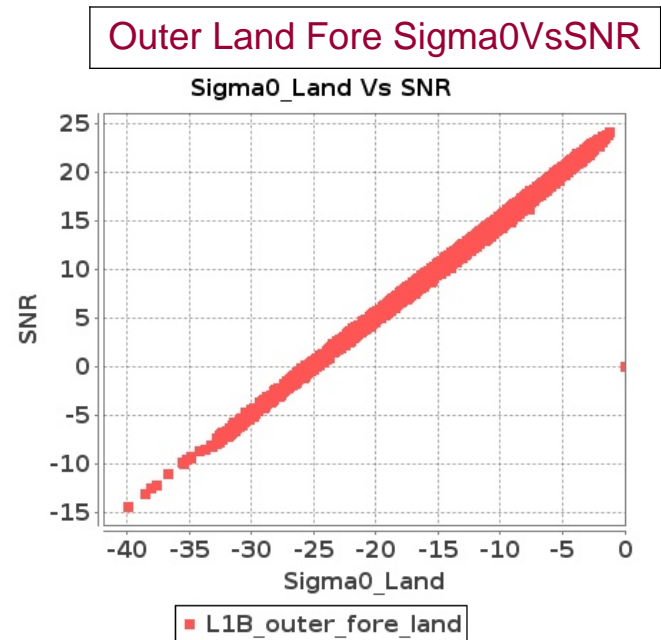
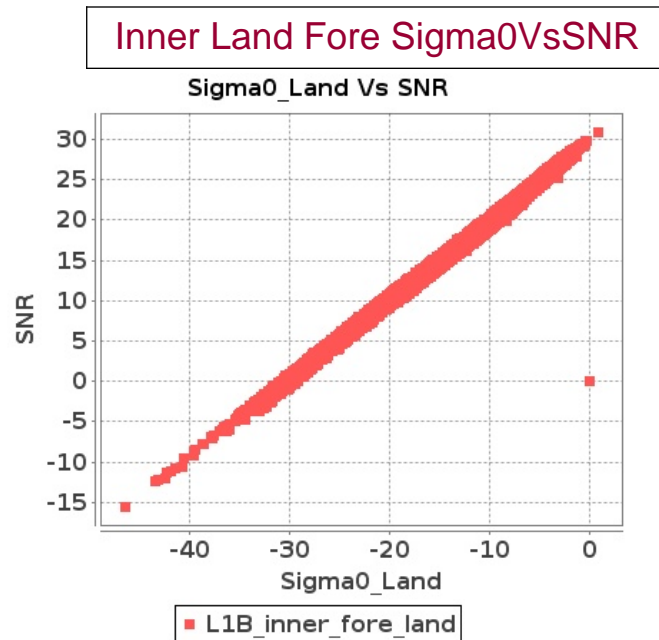
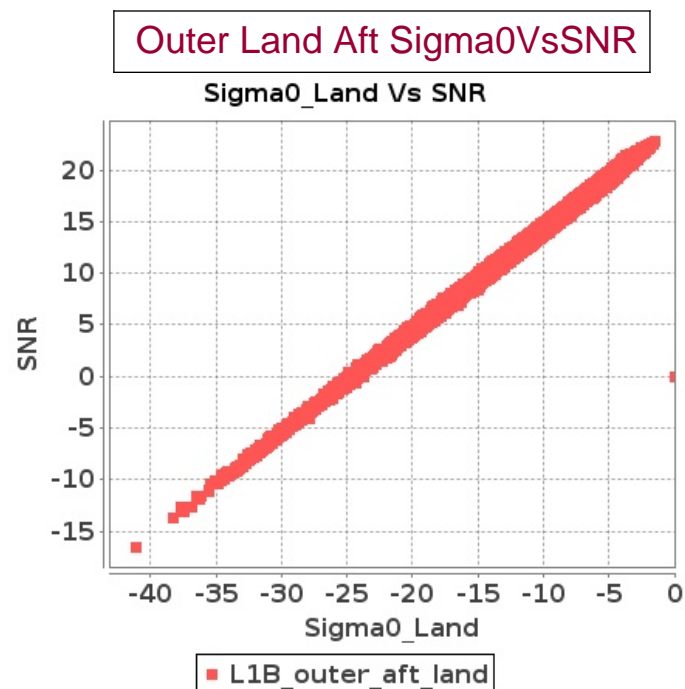
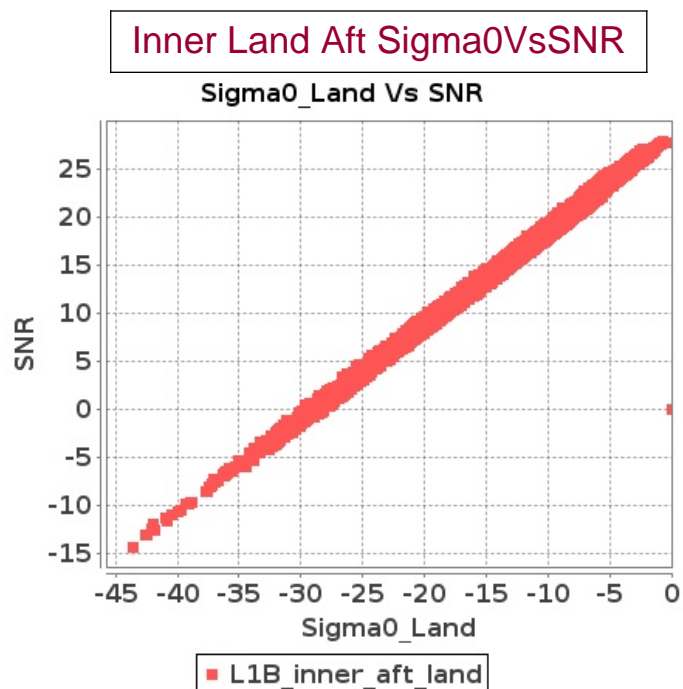
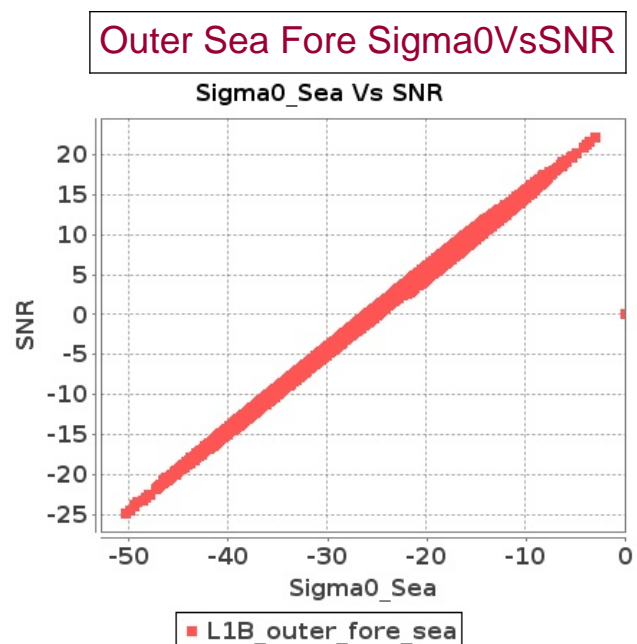
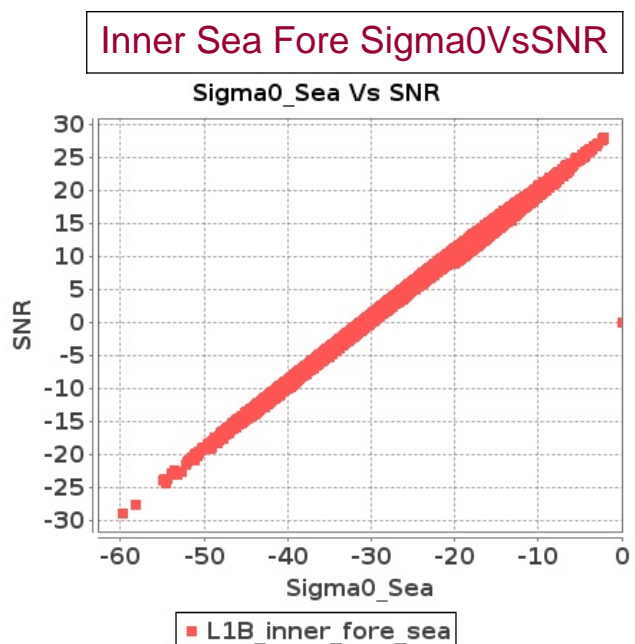
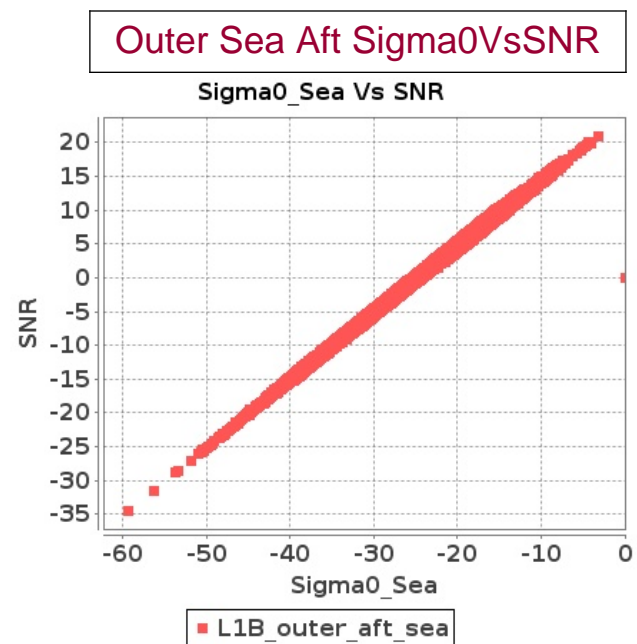
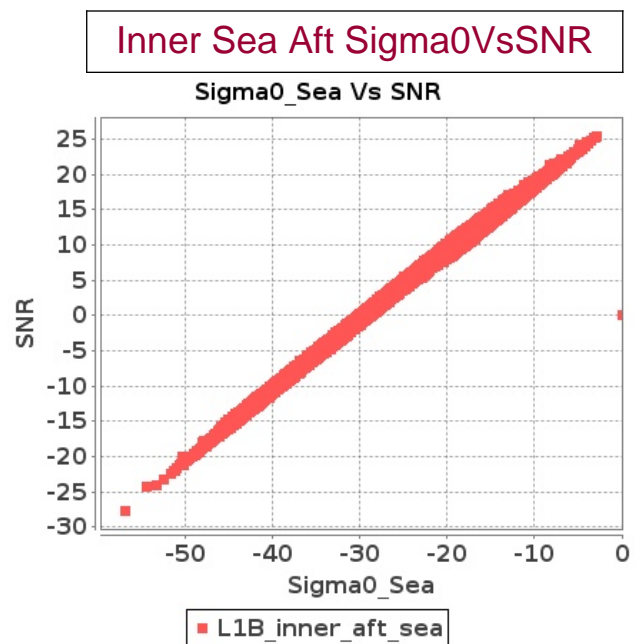
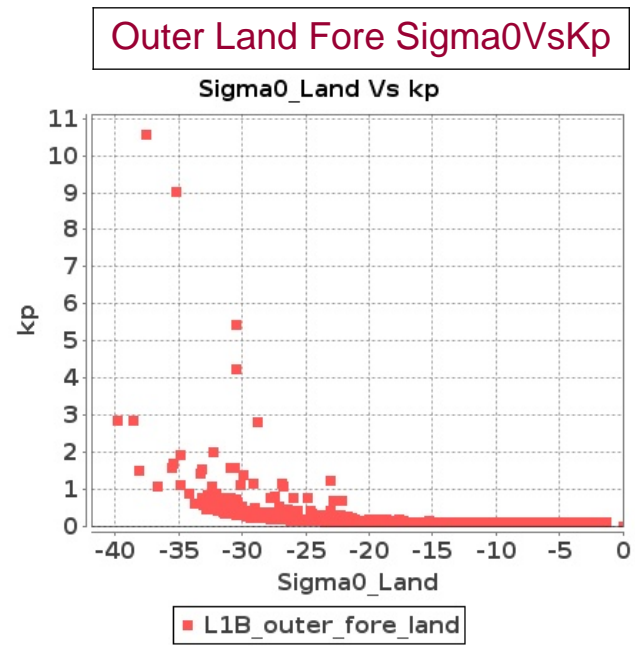
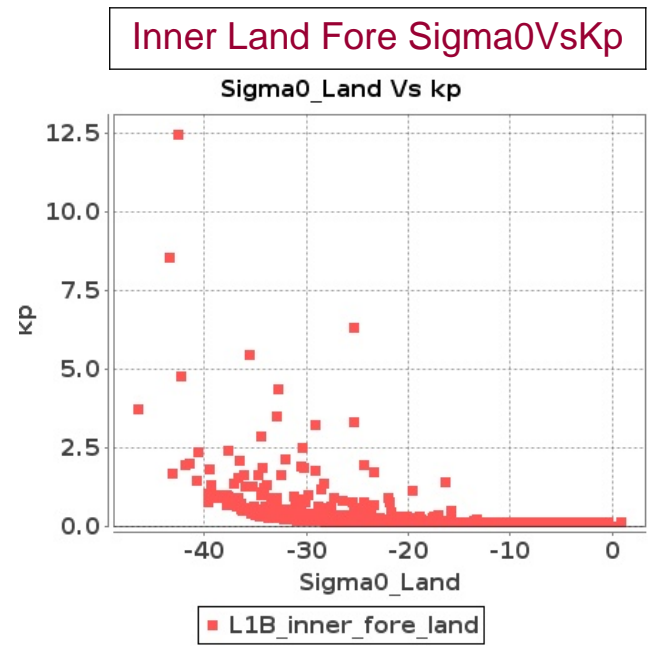
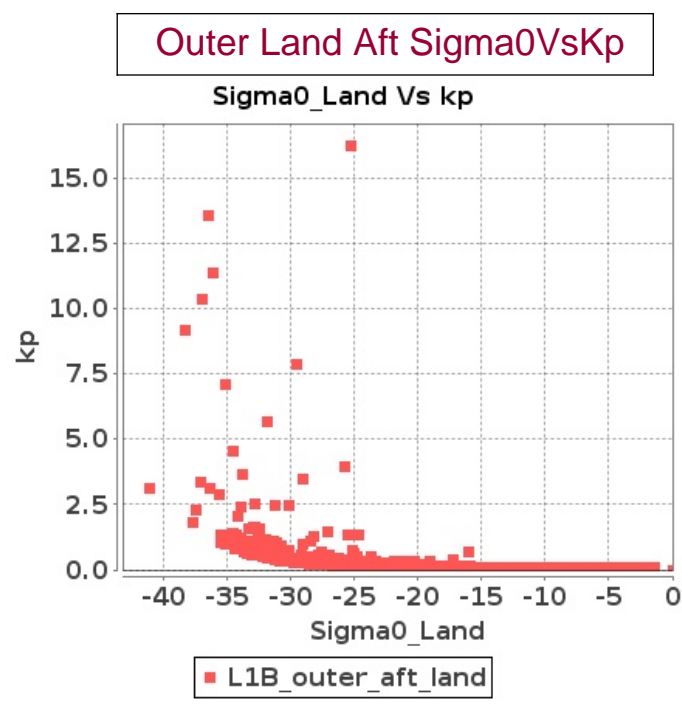
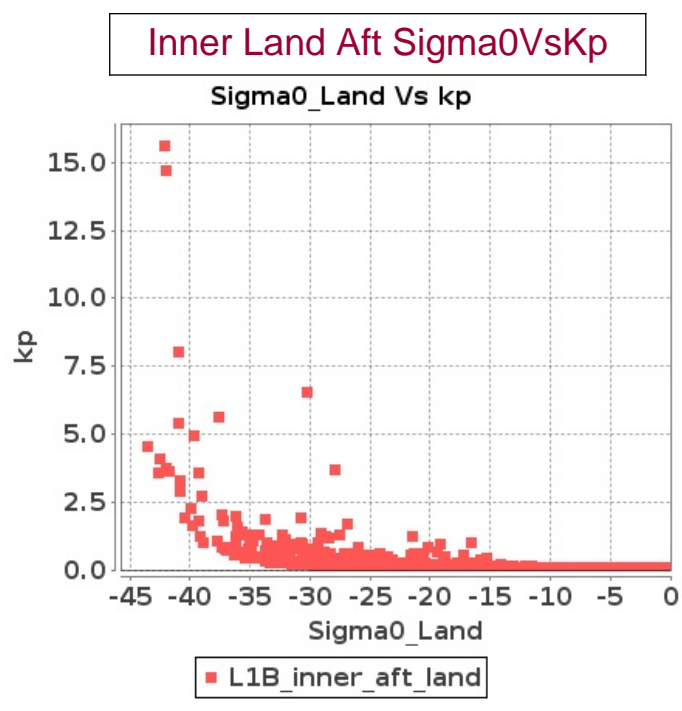
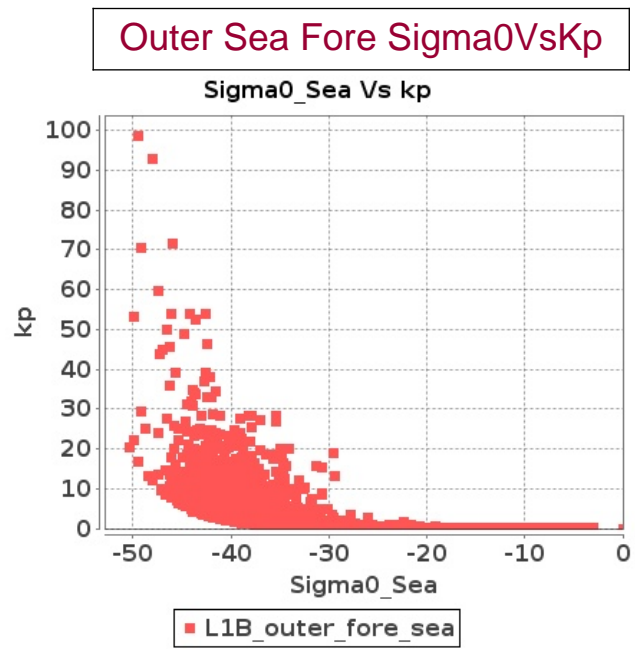
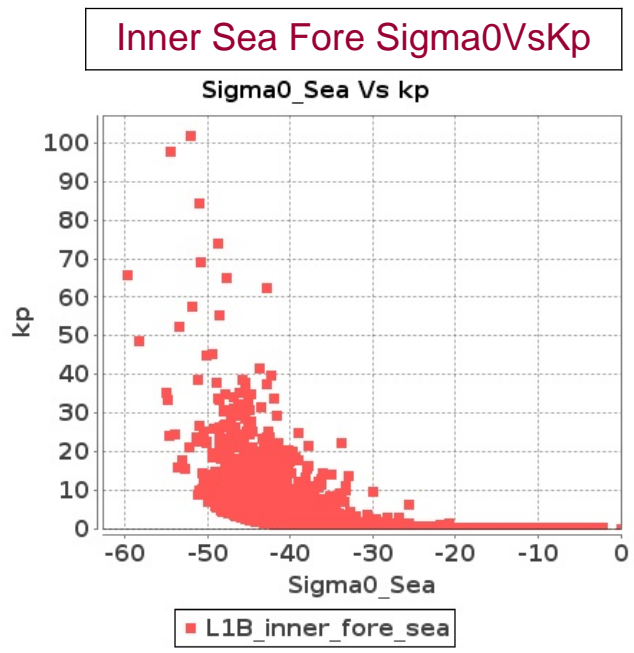
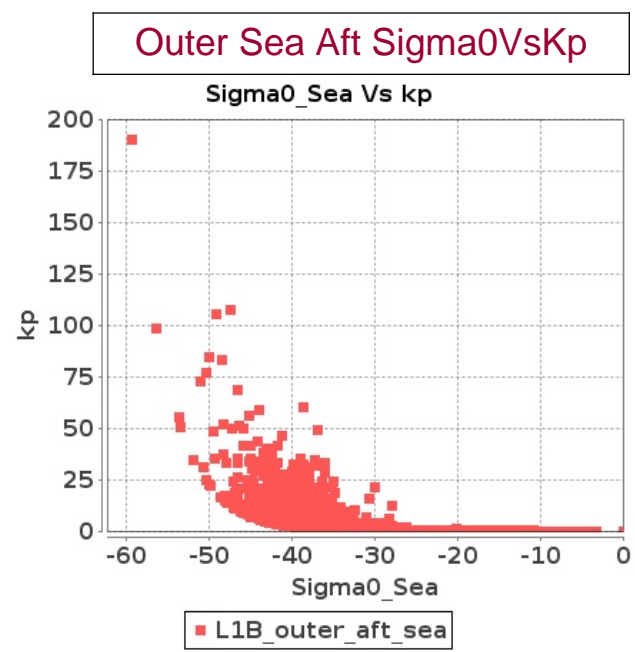
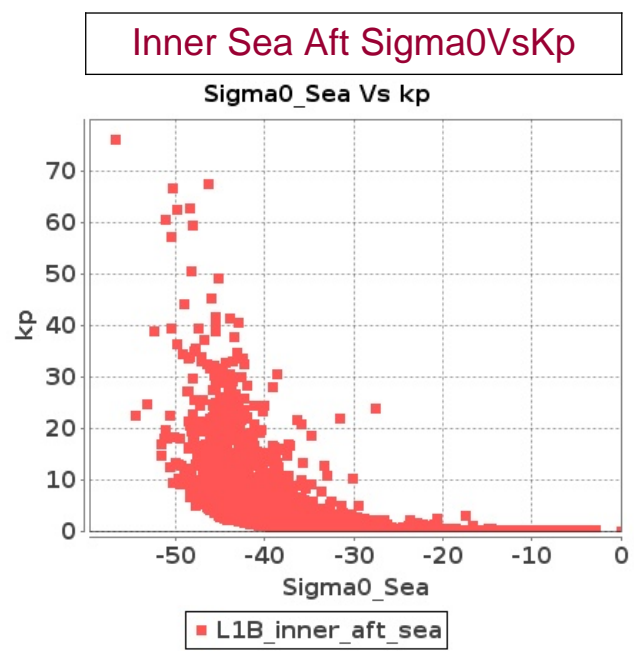


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 25-JUL-2017 To 26-JUL-2017





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

Report between 25-JUL-2017 To 26-JUL-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 | 4376 | 4377 | SN | 1 | 48.713 | 49.441 | 0.0 | 0.003 | 1.809 | 0.149 | 1028.224 | 1090.176 | 0.0 | -92.169 | -89.286 | 0.0 |
| 2 | 4376 | 4377 | SN | 1 | 48.713 | 49.441 | 0.0 | 0.003 | 1.809 | 0.151 | 1028.224 | 1090.536 | 0.0 | -92.169 | -89.286 | 0.0 |
| 3 | 4376 | 4377 | SN | 1 | 48.713 | 49.441 | 0.0 | 0.003 | 7.219 | 0.159 | 1028.224 | 1090.528 | 0.0 | -92.169 | -89.286 | 0.0 |
| 4 | 4376 | 4377 | NS | 1 | 48.811 | 49.502 | 0.0 | 0.003 | 1.814 | 0.198 | 1046.16 | 1091.944 | 0.0 | -92.25 | -89.294 | 0.0 |
| 5 | 4376 | 4377 | NS | 1 | 48.811 | 49.502 | 0.0 | 0.003 | 1.814 | 0.198 | 1046.16 | 1091.944 | 0.0 | -92.25 | -89.294 | 0.0 |
| 6 | 4377 | 4378 | NS | 1 | 48.852 | 49.513 | 0.0 | 0.003 | 6.149 | 0.2 | 1046.888 | 1092.2 | 0.0 | -92.238 | -89.267 | 0.0 |
| 7 | 4377 | 4378 | SN | 1 | 48.728 | 49.404 | 0.0 | 0.003 | 1.809 | 0.139 | 1027.84 | 1090.304 | 0.0 | -92.169 | -89.274 | 0.0 |
| 8 | 4377 | 4378 | NS | 1 | 48.852 | 49.513 | 0.0 | 0.003 | 6.149 | 0.2 | 1046.888 | 1092.2 | 0.0 | -92.238 | -89.267 | 0.0 |
| 9 | 4377 | 4378 | SN | 1 | 48.728 | 49.404 | 0.0 | 0.003 | 1.809 | 0.139 | 1027.84 | 1090.696 | 0.0 | -92.169 | -89.274 | 0.0 |
| 10 | 4377 | 4378 | SN | 1 | 48.728 | 49.404 | 0.0 | 0.003 | 1.809 | 0.139 | 1027.84 | 1090.696 | 0.0 | -92.169 | -89.274 | 0.0 |
| 11 | 4378 | 4379 | SN | 1 | 48.726 | 49.404 | 0.0 | 0.008 | 1.809 | 0.137 | 1027.64 | 1090.312 | 0.0 | -91.787 | -89.305 | 0.0 |
| 12 | 4378 | 4379 | NS | 1 | 48.851 | 49.462 | 0.0 | 0.003 | 6.155 | 0.199 | 1047.016 | 1092.272 | 0.0 | -92.274 | -89.269 | 0.0 |
| 13 | 4378 | 4379 | NS | 1 | 48.851 | 49.462 | 0.0 | 0.003 | 6.155 | 0.199 | 1047.016 | 1092.272 | 0.0 | -92.274 | -89.269 | 0.0 |
| 14 | 4378 | 4379 | SN | 2 | 48.726 | 49.404 | 0.0 | 0.008 | 7.203 | 0.146 | 1027.64 | 1090.72 | 0.0 | -91.787 | -89.305 | 0.0 |
| 15 | 4378 | 4379 | SN | 1 | 48.726 | 49.404 | 0.0 | 0.008 | 1.809 | 0.137 | 1027.64 | 1090.736 | 0.0 | -91.787 | -89.305 | 0.0 |
| 16 | 4379 | 4380 | SN | 1 | 48.704 | 49.404 | 0.0 | 0.003 | 7.351 | 0.149 | 1027.6 | 1090.6 | 0.0 | -92.378 | -89.283 | 0.0 |
| 17 | 4379 | 4380 | SN | 1 | 48.709 | 49.421 | 0.0 | 0.003 | 1.809 | 0.141 | 1027.592 | 1090.624 | 0.0 | -91.92 | -89.283 | 0.0 |
| 18 | 4379 | 4380 | NS | 1 | 48.839 | 49.492 | 0.0 | 0.003 | 1.814 | 0.194 | 1046.536 | 1092.152 | 0.0 | -92.059 | -89.297 | 0.0 |
| 19 | 4379 | 4380 | NS | 1 | 48.838 | 49.499 | 0.0 | 0.003 | 306.331 | 0.195 | 1046.536 | 1092.144 | 0.0 | -92.094 | -89.297 | 0.0 |
| 20 | 4379 | 4380 | SN | 1 | 48.709 | 49.421 | 0.0 | 0.003 | 1.809 | 0.14 | 1027.592 | 1090.192 | 0.0 | -91.92 | -89.283 | 0.0 |
| 21 | 4380 | 4381 | NS | 2 | 48.813 | 49.461 | 0.0 | 0.003 | 1.814 | 0.191 | 1046.688 | 1092.048 | 0.0 | -91.98 | -89.32 | 0.0 |
| 22 | 4380 | 4381 | SN | 3 | 48.71 | 49.405 | 0.0 | 0.003 | 1.814 | 0.137 | 1027.6 | 1090.528 | 0.0 | -92.11 | -89.303 | 0.0 |
| 23 | 4380 | 4381 | SN | 1 | 48.711 | 49.425 | 0.0 | 0.003 | 1.814 | 0.137 | 1027.584 | 1090.528 | 0.0 | -92.427 | -89.303 | 0.0 |
| 24 | 4380 | 4381 | NS | 1 | 48.809 | 49.46 | 0.0 | 0.003 | 1.814 | 0.191 | 1046.664 | 1092.024 | 0.0 | -92.013 | -89.32 | 0.0 |
| 25 | 4381 | 4382 | SN | 1 | 48.705 | 49.403 | 0.0 | 0.003 | 7.313 | 0.152 | 1027.6 | 1090.344 | 0.0 | -91.839 | -89.303 | 0.0 |
| 26 | 4381 | 4382 | SN | 1 | 48.705 | 49.403 | 0.0 | 0.003 | 1.814 | 0.148 | 1027.6 | 1090.36 | 0.0 | -91.839 | -89.303 | 0.0 |
| 27 | 4381 | 4382 | NS | 1 | 48.815 | 49.5 | 0.0 | 0.003 | 1.814 | 0.191 | 1047.224 | 1091.872 | 0.0 | -92.267 | -89.314 | 0.0 |
| 28 | 4381 | 4382 | NS | 2 | 48.815 | 49.5 | 0.0 | 0.003 | 1.814 | 0.191 | 1047.224 | 1091.872 | 0.0 | -92.267 | -89.314 | 0.0 |
| 29 | 4381 | 4382 | SN | 1 | 48.705 | 49.403 | 0.0 | 0.003 | 1.814 | 0.143 | 1027.6 | 1089.912 | 0.0 | -91.839 | -89.303 | 0.0 |
| 30 | 4382 | 4383 | SN | 3 | 48.709 | 49.404 | 0.0 | 0.003 | 7.296 | 0.157 | 1027.864 | 1090.328 | 0.0 | -91.758 | -89.305 | 0.0 |
| 31 | 4382 | 4383 | SN | 1 | 48.707 | 49.402 | 0.0 | 0.003 | 1.814 | 0.147 | 1027.744 | 1089.88 | 0.0 | -91.825 | -89.305 | 0.0 |
| 32 | 4382 | 4383 | NS | 2 | 48.804 | 49.502 | 0.0 | 0.003 | 6.144 | 0.204 | 1047.152 | 1091.808 | 0.0 | -92.265 | -89.326 | 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 | 4382 | 4383 | SN | 1 | 48.707 | 49.402 | 0.0 | 0.003 | 1.814 | 0.155 | 1027.744 | 1090.352 | 0.0 | -91.825 | -89.305 | 0.0 |
| 34 | 4382 | 4383 | NS | 1 | 48.802 | 49.456 | 0.0 | 0.003 | 6.144 | 0.204 | 1046.712 | 1091.768 | 0.0 | -92.06 | -89.325 | 0.0 |
| 35 | 4383 | 4384 | NS | 1 | 48.81 | 49.457 | 0.0 | 0.003 | 1.814 | 0.195 | 1046.664 | 1091.84 | 0.0 | -92.12 | -89.325 | 0.0 |
| 36 | 4383 | 4384 | NS | 2 | 48.804 | 49.46 | 0.0 | 0.003 | 1.814 | 0.195 | 1046.456 | 1091.896 | 0.0 | -92.089 | -89.325 | 0.0 |
| 37 | 4383 | 4384 | SN | 1 | 48.754 | 49.43 | 0.0 | 0.003 | 1.814 | 0.143 | 1028.128 | 1090.432 | 0.0 | -91.898 | -89.266 | 0.0 |
| 38 | 4383 | 4384 | SN | 2 | 48.754 | 49.43 | 0.0 | 0.003 | 1.814 | 0.143 | 1028.128 | 1090.424 | 0.0 | -91.898 | -89.266 | 0.0 |
| 39 | 4384 | 4385 | NS | 1 | 48.834 | 49.46 | 0.0 | 0.003 | 1.814 | 0.197 | 1046.832 | 1091.856 | 0.0 | -92.153 | -89.327 | 0.0 |
| 40 | 4384 | 4385 | SN | 1 | 48.753 | 49.402 | 0.0 | 0.003 | 1.809 | 0.139 | 1028.2 | 1090.384 | 0.0 | -91.953 | -89.251 | 0.0 |
| 41 | 4385 | 4386 | SN | 1 | 48.746 | 49.402 | 0.0 | 0.003 | 1.809 | 0.138 | 1028.36 | 1090.216 | 0.0 | -91.847 | -89.287 | 0.0 |
| 42 | 4385 | 4386 | NS | 1 | 48.853 | 49.459 | 0.0 | 0.003 | 1.82 | 0.194 | 1047.36 | 1091.672 | 0.0 | -92.288 | -89.299 | 0.0 |
| 43 | 4386 | 4387 | SN | 1 | 48.709 | 49.403 | 0.0 | 0.003 | 1.809 | 0.142 | 1028.504 | 1090.2 | 0.0 | -91.846 | -89.29 | 0.0 |
| 44 | 4386 | 4387 | NS | 1 | 48.819 | 49.46 | 0.0 | 0.003 | 1.814 | 0.19 | 1046.48 | 1091.672 | 0.0 | -92.052 | -89.316 | 0.0 |
| 45 | 4387 | 4388 | NS | 1 | 48.804 | 49.5 | 0.0 | 0.003 | 6.105 | 0.203 | 1047.208 | 1091.656 | 0.0 | -92.373 | -89.327 | 0.0 |
| 46 | 4387 | 4388 | SN | 2 | 48.725 | 49.401 | 0.0 | 0.003 | 1.809 | 0.138 | 1028.496 | 1090.168 | 0.0 | -91.943 | -89.281 | 0.0 |
| 47 | 4387 | 4388 | NS | 1 | 48.804 | 49.5 | 0.0 | 0.003 | 6.105 | 0.204 | 1047.208 | 1091.656 | 0.0 | -92.373 | -89.327 | 0.0 |
| 48 | 4388 | 4389 | NS | 1 | 48.808 | 49.459 | 0.0 | 0.003 | 1.814 | 0.188 | 1046.496 | 1091.68 | 0.0 | -92.137 | -89.325 | 0.0 |
| 49 | 4388 | 4389 | NS | 1 | 48.808 | 49.459 | 0.0 | 0.003 | 1.814 | 0.19 | 1046.496 | 1091.688 | 0.0 | -92.137 | -89.325 | 0.0 |
| 50 | 4388 | 4389 | SN | 1 | 48.708 | 49.412 | 0.0 | 0.003 | 2.074 | 0.147 | 1027.728 | 1090.192 | 0.0 | -91.918 | -89.305 | 0.0 |
| 51 | 4389 | 4390 | NS | 1 | 48.846 | 49.459 | 0.0 | 0.003 | 6.149 | 0.215 | 1047.016 | 1090.92 | 0.0 | -92.038 | -89.325 | 0.0 |
| 52 | 4390 | 4391 | SN | 1 | 48.713 | 49.432 | 0.0 | 0.003 | 1.809 | 0.157 | 1027.92 | 1090.096 | 0.0 | -91.901 | -89.3 | 0.0 |
| 53 | 4390 | 4391 | SN | 1 | 48.713 | 49.432 | 0.0 | 0.003 | 1.809 | 0.152 | 1027.92 | 1089.632 | 0.0 | -91.901 | -89.3 | 0.0 |
| 54 | 4390 | 4391 | SN | 1 | 48.713 | 49.432 | 0.0 | 0.003 | 7.158 | 0.162 | 1027.92 | 1090.08 | 0.0 | -91.901 | -89.3 | 0.0 |
| 55 | 4391 | 4392 | NS | 1 | 48.854 | 49.459 | 0.0 | 0.003 | 1.814 | 0.186 | 1047.056 | 1091.592 | 0.0 | -92.16 | -89.314 | 0.0 |
| 56 | 4391 | 4392 | SN | 1 | 48.739 | 49.4 | 0.0 | 0.003 | 1.809 | 0.144 | 1028.064 | 1090.064 | 0.0 | -91.762 | -89.268 | 0.0 |
| 57 | 4391 | 4392 | SN | 1 | 48.739 | 49.4 | 0.0 | 0.003 | 1.809 | 0.143 | 1028.064 | 1089.552 | 0.0 | -91.762 | -89.268 | 0.0 |
| 58 | 4391 | 4392 | SN | 1 | 48.739 | 49.4 | 0.0 | 0.003 | 7.324 | 0.152 | 1028.064 | 1090.056 | 0.0 | -91.762 | -89.268 | 0.0 |
| 59 | 4392 | 4393 | SN | 1 | 48.705 | 49.401 | 0.0 | 0.003 | 1.814 | 0.139 | 1027.792 | 1090.216 | 0.0 | -91.866 | -89.303 | 0.0 |
| 60 | 4392 | 4393 | SN | 1 | 48.705 | 49.401 | 0.0 | 0.003 | 1.814 | 0.139 | 1027.792 | 1089.712 | 0.0 | -91.866 | -89.303 | 0.0 |
| 61 | 4392 | 4393 | NS | 1 | 48.82 | 49.481 | 0.0 | 0.003 | 1.814 | 0.185 | 1047.528 | 1091.8 | 0.0 | -92.17 | -89.26 | 0.0 |
| 62 | 4392 | 4393 | NS | 2 | 48.82 | 49.481 | 0.0 | 0.003 | 1.814 | 0.185 | 1047.528 | 1091.8 | 0.0 | -92.17 | -89.26 | 0.0 |
| 63 | 4392 | 4393 | SN | 1 | 48.705 | 49.401 | 0.0 | 0.003 | 1.814 | 0.139 | 1027.792 | 1090.216 | 0.0 | -91.866 | -89.303 | 0.0 |
| 64 | 4393 | 4394 | SN | 2 | 48.705 | 49.399 | 0.0 | 0.003 | 7.318 | 0.15 | 1027.448 | 1090.096 | 0.0 | -91.963 | -89.302 | 0.0 |
| 65 | 4393 | 4394 | SN | 1 | 48.705 | 49.399 | 0.0 | 0.003 | 1.814 | 0.141 | 1027.448 | 1090.112 | 0.0 | -91.963 | -89.302 | 0.0 |
| 66 | 4393 | 4394 | SN | 1 | 48.705 | 49.399 | 0.0 | 0.003 | 1.814 | 0.14 | 1027.448 | 1089.584 | 0.0 | -91.963 | -89.302 | 0.0 |
| 67 | 4393 | 4394 | NS | 1 | 48.855 | 49.499 | 0.0 | 0.003 | 6.166 | 0.2 | 1047.696 | 1091.736 | 0.0 | -92.115 | -89.309 | 0.0 |
| 68 | 4394 | 4395 | SN | 1 | 48.721 | 49.4 | 0.0 | 0.003 | 7.302 | 0.149 | 1027.48 | 1089.96 | 0.0 | -92.032 | -89.301 | 0.0 |
| 69 | 4394 | 4395 | SN | 1 | 48.71 | 49.4 | 0.0 | 0.003 | 1.814 | 0.142 | 1027.584 | 1089.976 | 0.0 | -91.892 | -89.301 | 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 | 4394 | 4395 | SN | 1 | 48.71 | 49.4 | 0.0 | 0.003 | 1.814 | 0.14 | 1027.584 | 1089.448 | 0.0 | -92.093 | -89.301 | 0.0 |
| 71 | 4394 | 4395 | NS | 1 | 48.853 | 49.46 | 0.0 | 0.003 | 1.814 | 0.193 | 1047.128 | 1091.584 | 0.0 | -92.046 | -89.318 | 0.0 |
| 72 | 4394 | 4395 | NS | 2 | 48.856 | 49.46 | 0.0 | 0.003 | 1.814 | 0.193 | 1047.624 | 1091.592 | 0.0 | -92.046 | -89.318 | 0.0 |
| 73 | 4395 | 4396 | SN | 1 | 48.741 | 49.399 | 0.0 | 0.003 | 1.814 | 0.147 | 1027.496 | 1089.872 | 0.0 | -91.9 | -89.301 | 0.0 |
| 74 | 4395 | 4396 | NS | 1 | 48.851 | 49.458 | 0.0 | 0.003 | 1.814 | 0.196 | 1047.808 | 1091.448 | 0.0 | -92.108 | -89.314 | 0.0 |
| 75 | 4395 | 4396 | NS | 2 | 48.813 | 49.459 | 0.0 | 0.003 | 1.814 | 0.196 | 1047.832 | 1091.464 | 0.0 | -92.046 | -89.314 | 0.0 |
| 76 | 4395 | 4396 | SN | 1 | 48.741 | 49.399 | 0.0 | 0.003 | 1.814 | 0.143 | 1027.496 | 1089.32 | 0.0 | -91.9 | -89.301 | 0.0 |
| 77 | 4395 | 4396 | SN | 1 | 48.723 | 49.4 | 0.0 | 0.003 | 7.28 | 0.152 | 1027.488 | 1089.856 | 0.0 | -91.91 | -89.301 | 0.0 |
| 78 | 4396 | 4397 | NS | 2 | 48.838 | 49.459 | 0.0 | 0.003 | 1.814 | 0.189 | 1047.792 | 1091.344 | 0.0 | -92.043 | -89.328 | 0.0 |
| 79 | 4396 | 4397 | SN | 1 | 48.714 | 49.398 | 0.0 | 0.003 | 1.809 | 0.144 | 1027.64 | 1089.192 | 0.0 | -91.745 | -89.302 | 0.0 |
| 80 | 4396 | 4397 | SN | 3 | 48.714 | 49.398 | 0.0 | 0.003 | 7.258 | 0.154 | 1027.64 | 1089.744 | 0.0 | -91.745 | -89.302 | 0.0 |
| 81 | 4396 | 4397 | SN | 1 | 48.714 | 49.398 | 0.0 | 0.003 | 1.809 | 0.151 | 1027.64 | 1089.768 | 0.0 | -91.745 | -89.302 | 0.0 |
| 82 | 4396 | 4397 | NS | 1 | 48.838 | 49.459 | 0.0 | 0.003 | 1.814 | 0.189 | 1047.792 | 1091.344 | 0.0 | -92.043 | -89.328 | 0.0 |
| 83 | 4397 | 4398 | SN | 1 | 48.745 | 49.4 | 0.0 | 0.003 | 1.809 | 0.155 | 1027.816 | 1089.848 | 0.0 | -91.761 | -89.296 | 0.0 |
| 84 | 4397 | 4398 | NS | 1 | 48.814 | 49.459 | 0.0 | 0.003 | 6.116 | 0.203 | 1047.024 | 1091.384 | 0.0 | -92.121 | -89.331 | 0.0 |
| 85 | 4397 | 4398 | SN | 1 | 48.745 | 49.4 | 0.0 | 0.003 | 1.809 | 0.145 | 1027.816 | 1089.312 | 0.0 | -91.835 | -89.296 | 0.0 |
| 86 | 4397 | 4398 | SN | 2 | 48.745 | 49.4 | 0.0 | 0.003 | 7.241 | 0.155 | 1027.816 | 1089.824 | 0.0 | -91.835 | -89.296 | 0.0 |
| 87 | 4397 | 4398 | NS | 1 | 48.814 | 49.459 | 0.0 | 0.003 | 6.116 | 0.203 | 1047.024 | 1091.384 | 0.0 | -92.121 | -89.331 | 0.0 |
| 88 | 4398 | 4399 | NS | 1 | 48.812 | 49.459 | 0.0 | 0.003 | 305.719 | 0.198 | 1047.448 | 1091.416 | 0.0 | -92.022 | -89.331 | 0.0 |
| 89 | 4398 | 4399 | SN | 2 | 48.721 | 49.398 | 0.0 | 0.003 | 1.809 | 0.138 | 1028.56 | 1089.864 | 0.0 | -91.876 | -89.252 | 0.0 |
| 90 | 4398 | 4399 | NS | 1 | 48.812 | 49.459 | 0.0 | 0.003 | 305.719 | 0.198 | 1047.448 | 1091.416 | 0.0 | -92.022 | -89.331 | 0.0 |
| 91 | 4398 | 4399 | SN | 1 | 48.721 | 49.398 | 0.0 | 0.003 | 1.809 | 0.138 | 1028.56 | 1089.864 | 0.0 | -91.876 | -89.252 | 0.0 |
| 92 | 4399 | 4400 | NS | 1 | 48.857 | 49.459 | 0.0 | 0.003 | 1.814 | 0.197 | 1047.792 | 1091.296 | 0.0 | -92.01 | -89.303 | 0.0 |
| 93 | 4399 | 4400 | NS | 1 | 48.857 | 49.459 | 0.0 | 0.003 | 1.814 | 0.197 | 1047.792 | 1091.296 | 0.0 | -92.01 | -89.303 | 0.0 |
| 94 | 4399 | 4400 | SN | 1 | 48.73 | 49.399 | 0.0 | 0.003 | 305.421 | 0.136 | 1028.408 | 1089.736 | 0.0 | -91.849 | -89.289 | 0.0 |
| 95 | 4400 | 4401 | SN | 1 | 48.71 | 49.398 | 0.0 | 0.003 | 1.809 | 0.142 | 1028.056 | 1089.6 | 0.0 | -91.785 | -89.278 | 0.0 |
| 96 | 4400 | 4401 | NS | 1 | 48.839 | 49.459 | 0.0 | 0.003 | 1.814 | 0.195 | 1047.216 | 1091.184 | 0.0 | -92.034 | -89.312 | 0.0 |
| 97 | 4400 | 4401 | NS | 1 | 48.839 | 49.459 | 0.0 | 0.003 | 1.814 | 0.195 | 1047.216 | 1091.184 | 0.0 | -92.034 | -89.312 | 0.0 |
| 98 | 4400 | 4401 | SN | 2 | 48.72 | 49.398 | 0.0 | 0.003 | 1.809 | 0.142 | 1027.72 | 1089.6 | 0.0 | -92.094 | -89.278 | 0.0 |
| 99 | 4401 | 4402 | NS | 2 | 48.84 | 49.482 | 0.0 | 0.003 | 6.177 | 0.206 | 1047.696 | 1091.216 | 0.0 | -92.327 | -89.332 | 0.0 |
| 100 | 4401 | 4402 | NS | 1 | 48.84 | 49.482 | 0.0 | 0.003 | 6.177 | 0.208 | 1047.696 | 1091.216 | 0.0 | -92.327 | -89.332 | 0.0 |
| 101 | 4401 | 4402 | NS | 1 | 48.839 | 49.492 | 0.0 | 0.003 | 6.171 | 0.206 | 1047.776 | 1091.2 | 0.0 | -92.327 | -89.332 | 0.0 |
| 102 | 4401 | 4402 | SN | 4 | 48.72 | 49.398 | 0.0 | 0.003 | 1.809 | 0.14 | 1028.456 | 1089.688 | 0.0 | -91.824 | -89.276 | 0.0 |
| 103 | 4401 | 4402 | SN | 3 | 48.753 | 49.398 | 0.0 | 0.003 | 1.809 | 0.14 | 1027.944 | 1089.688 | 0.0 | -92.018 | -89.276 | 0.0 |
| 104 | 4402 | 4403 | NS | 1 | 48.813 | 49.459 | 0.0 | 0.003 | 1.814 | 0.189 | 1047.24 | 1091.152 | 0.0 | -92.175 | -89.331 | 0.0 |
| 105 | 4402 | 4403 | SN | 3 | 48.715 | 49.397 | 0.0 | 0.003 | 1.814 | 0.14 | 1028.496 | 1089.576 | 0.0 | -91.942 | -89.295 | 0.0 |
| 106 | 4402 | 4403 | NS | 2 | 48.813 | 49.459 | 0.0 | 0.003 | 1.814 | 0.19 | 1047.24 | 1091.152 | 0.0 | -92.175 | -89.331 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|------|------|----|---|--------|--------|-----|-------|-------|-------|----------|----------|-----|---------|---------|-----|
| 107 | 4402 | 4403 | NS | 1 | 48.808 | 49.458 | 0.0 | 0.003 | 1.814 | 0.19 | 1047.2 | 1091.128 | 0.0 | -92.165 | -89.331 | 0.0 |
| 108 | 4402 | 4403 | SN | 1 | 48.71 | 49.41 | 0.0 | 0.003 | 1.814 | 0.14 | 1028.512 | 1089.576 | 0.0 | -91.799 | -89.295 | 0.0 |
| 109 | 4403 | 4404 | SN | 1 | 48.707 | 49.399 | 0.0 | 0.003 | 1.814 | 0.139 | 1027.728 | 1089.584 | 0.0 | -91.816 | -89.303 | 0.0 |
| 110 | 4403 | 4404 | NS | 1 | 48.822 | 49.496 | 0.0 | 0.003 | 1.814 | 0.185 | 1047.168 | 1091.072 | 0.0 | -92.03 | -89.33 | 0.0 |
| 111 | 4403 | 4404 | NS | 1 | 48.822 | 49.496 | 0.0 | 0.003 | 1.814 | 0.188 | 1047.168 | 1091.224 | 0.0 | -92.331 | -89.33 | 0.0 |
| 112 | 4403 | 4404 | NS | 2 | 48.822 | 49.496 | 0.0 | 0.003 | 1.814 | 0.188 | 1047.168 | 1091.224 | 0.0 | -92.331 | -89.33 | 0.0 |
| 113 | 4404 | 4405 | NS | 1 | 48.819 | 49.471 | 0.0 | 0.003 | 1.814 | 0.186 | 1046.904 | 1090.704 | 0.0 | -92.075 | -89.33 | 0.0 |
| 114 | 4404 | 4405 | NS | 1 | 48.819 | 49.471 | 0.0 | 0.003 | 1.814 | 0.189 | 1046.904 | 1091.192 | 0.0 | -92.075 | -89.33 | 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 |

| | | | | | 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 | 4376 | 4377 | SN | 1 | -34.267 | 24.319 | 0.223 | -33.887 | 26.38 | 0.74 | -30.997 | 30.871 | 7.813 | -28.478 | 32.028 | 16.525 | 0.103 | 225.626 | 2.583 | 0.103 | 206.727 | 1.772 | 0.103 | 106.315 | 0.127 | 0.102 | 59.557 | 0.114 |
| 2 | 4376 | 4377 | SN | 1 | -34.267 | 24.319 | 0.236 | -33.887 | 26.38 | 0.78 | -30.997 | 30.871 | 7.803 | -28.478 | 32.028 | 16.947 | 0.103 | 225.626 | 2.732 | 0.103 | 206.727 | 1.869 | 0.103 | 106.315 | 0.124 | 0.102 | 59.557 | 0.111 |
| 3 | 4376 | 4377 | SN | 1 | -34.267 | 24.319 | 0.223 | -33.887 | 26.38 | 0.77 | -30.997 | 30.871 | 7.82 | -28.478 | 32.028 | 16.954 | 0.103 | 225.626 | 2.578 | 0.103 | 206.727 | 1.769 | 0.103 | 106.315 | 0.124 | 0.102 | 59.557 | 0.111 |
| 4 | 4376 | 4377 | NS | 1 | -34.668 | 26.418 | 0.018 | -34.97 | 28.494 | 0.03 | -2.145 | 34.228 | 9.474 | 4.2 | 33.598 | 26.257 | 0.103 | 247.465 | 3.853 | 0.103 | 265.253 | 3.703 | 0.102 | 0.228 | 0.0 | 0.102 | 0.129 | 0.0 |
| 5 | 4376 | 4377 | NS | 1 | -34.668 | 26.418 | 0.018 | -34.97 | 28.494 | 0.03 | -2.145 | 34.228 | 9.496 | 4.2 | 33.598 | 26.316 | 0.103 | 247.465 | 3.854 | 0.103 | 265.253 | 3.703 | 0.102 | 0.228 | 0.0 | 0.102 | 0.129 | 0.0 |
| 6 | 4377 | 4378 | NS | 1 | -33.803 | 26.087 | 0.028 | -34.434 | 27.099 | 0.026 | -6.564 | 29.635 | 5.559 | -10.745 | 30.702 | 21.468 | 0.103 | 202.777 | 3.588 | 0.103 | 234.509 | 2.954 | 0.103 | 0.467 | 0.0 | 0.103 | 1.084 | 0.002 |
| 7 | 4377 | 4378 | SN | 1 | -34.787 | 25.356 | 0.109 | -34.866 | 25.827 | 0.162 | -13.649 | 31.892 | 6.693 | -12.25 | 30.066 | 4.867 | 0.103 | 254.361 | 2.09 | 0.103 | 259.026 | 1.832 | 0.102 | 2.038 | 0.002 | 0.103 | 1.499 | 0.002 |
| 8 | 4377 | 4378 | NS | 1 | -33.803 | 26.087 | 0.028 | -34.434 | 27.099 | 0.026 | -6.564 | 29.635 | 5.572 | -10.745 | 30.702 | 21.512 | 0.103 | 202.777 | 3.588 | 0.103 | 234.509 | 2.954 | 0.103 | 0.467 | 0.0 | 0.103 | 1.084 | 0.002 |
| 9 | 4377 | 4378 | SN | 1 | -34.787 | 25.356 | 0.111 | -34.866 | 25.827 | 0.165 | -13.649 | 31.892 | 7.618 | -12.25 | 30.066 | 6.073 | 0.103 | 254.361 | 2.131 | 0.103 | 259.026 | 1.863 | 0.102 | 2.038 | 0.002 | 0.103 | 1.499 | 0.002 |
| 10 | 4377 | 4378 | SN | 1 | -34.787 | 25.356 | 0.111 | -34.866 | 25.827 | 0.165 | -13.649 | 31.892 | 7.618 | -12.25 | 30.066 | 6.073 | 0.103 | 254.361 | 2.135 | 0.103 | 259.026 | 1.866 | 0.102 | 2.038 | 0.002 | 0.103 | 1.499 | 0.002 |
| 11 | 4378 | 4379 | SN | 1 | -34.92 | 23.722 | 0.011 | -34.933 | 24.692 | 0.057 | 7.11 | 28.462 | 10.046 | 7.448 | 29.311 | 6.999 | 0.103 | 262.269 | 2.281 | 0.103 | 263.041 | 1.759 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 12 | 4378 | 4379 | NS | 1 | -34.586 | 20.811 | 0.0 | -34.39 | 20.948 | 0.0 | -4.884 | 27.325 | 5.701 | -7.792 | 31.861 | 17.791 | 0.103 | 242.808 | 2.854 | 0.103 | 232.115 | 2.677 | 0.103 | 0.346 | 0.0 | 0.102 | 0.591 | 0.0 |
| 13 | 4378 | 4379 | NS | 1 | -34.586 | 20.811 | 0.0 | -34.39 | 20.948 | 0.0 | -4.884 | 27.325 | 5.69 | -7.792 | 31.861 | 17.786 | 0.103 | 242.808 | 2.854 | 0.103 | 232.115 | 2.677 | 0.103 | 0.346 | 0.0 | 0.102 | 0.591 | 0.0 |
| 14 | 4378 | 4379 | SN | 2 | -34.92 | 23.722 | 0.011 | -34.933 | 24.692 | 0.057 | 7.11 | 28.462 | 11.566 | 7.448 | 29.311 | 7.828 | 0.103 | 262.269 | 2.276 | 0.103 | 263.041 | 1.752 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 15 | 4378 | 4379 | SN | 1 | -34.92 | 23.722 | 0.011 | -34.933 | 24.692 | 0.058 | 7.11 | 28.462 | 11.566 | 7.448 | 29.311 | 7.912 | 0.103 | 262.269 | 2.314 | 0.103 | 263.041 | 1.78 | 0.103 | 0.116 | 0.0 | 0.103 | 0.115 | 0.0 |
| 16 | 4379 | 4380 | SN | 1 | -34.338 | 22.673 | 0.002 | -34.77 | 24.358 | 0.048 | -0.9 | 26.641 | 11.972 | 4.859 | 28.807 | 10.724 | 0.103 | 229.412 | 3.221 | 0.103 | 253.339 | 2.426 | 0.103 | 0.195 | 0.0 | 0.103 | 0.125 | 0.0 |
| 17 | 4379 | 4380 | SN | 1 | -34.222 | 22.673 | 0.002 | -34.911 | 24.358 | 0.049 | 5.356 | 26.641 | 11.983 | 4.858 | 28.809 | 10.828 | 0.103 | 223.35 | 3.309 | 0.103 | 261.657 | 2.477 | 0.103 | 0.123 | 0.0 | 0.103 | 0.125 | 0.0 |
| 18 | 4379 | 4380 | NS | 1 | -34.325 | 19.684 | 0.0 | -32.972 | 21.395 | 0.0 | -9.846 | 30.959 | 4.069 | -8.508 | 29.99 | 11.605 | 0.103 | 228.641 | 0.68 | 0.103 | 167.486 | 0.479 | 0.103 | 0.897 | 0.0 | 0.103 | 0.71 | 0.0 |
| 19 | 4379 | 4380 | NS | 1 | -34.648 | 19.684 | 0.0 | -32.88 | 21.395 | 0.0 | -9.854 | 30.957 | 4.061 | -9.043 | 29.99 | 11.582 | 0.103 | 246.351 | 0.677 | 0.103 | 163.938 | 0.477 | 0.103 | 0.899 | 0.0 | 0.103 | 0.76 | 0.0 |
| 20 | 4379 | 4380 | SN | 1 | -34.222 | 22.673 | 0.002 | -34.911 | 24.358 | 0.048 | -0.897 | 26.641 | 10.458 | 4.858 | 28.809 | 11.361 | 0.103 | 223.35 | 3.238 | 0.103 | 261.657 | 2.429 | 0.103 | 0.195 | 0.0 | 0.103 | 0.125 | 0.0 |
| 21 | 4380 | 4381 | NS | 2 | -34.946 | 19.762 | 0.0 | -34.123 | 21.047 | 0.0 | -21.263 | 28.59 | 3.471 | -14.003 | 29.16 | 14.608 | 0.103 | 263.855 | 3.584 | 0.103 | 218.292 | 2.565 | 0.103 | 11.374 | 0.005 | 0.103 | 2.203 | 0.001 |
| 22 | 4380 | 4381 | SN | 3 | -34.651 | 23.136 | 0.003 | -34.391 | 25.226 | 0.004 | 6.089 | 27.877 | 13.91 | 8.906 | 29.027 | 17.655 | 0.103 | 246.501 | 4.997 | 0.103 | 232.179 | 3.809 | 0.103 | 0.119 | 0.0 | 0.103 | 0.111 | 0.0 |
| 23 | 4380 | 4381 | SN | 1 | -34.734 | 23.137 | 0.003 | -34.946 | 25.224 | 0.004 | 6.089 | 27.877 | 13.908 | 8.906 | 29.027 | 17.658 | 0.103 | 251.283 | 4.996 | 0.103 | 263.868 | 3.813 | 0.103 | 0.119 | 0.0 | 0.103 | 0.111 | 0.0 |
| 24 | 4380 | 4381 | NS | 1 | -34.88 | 19.76 | 0.0 | -34.334 | 21.046 | 0.0 | -21.424 | 28.59 | 3.47 | -14.003 | 29.161 | 14.601 | 0.103 | 259.794 | 3.578 | 0.103 | 229.178 | 2.563 | 0.103 | 11.803 | 0.005 | 0.103 | 2.203 | 0.001 |
| 25 | 4381 | 4382 | SN | 1 | -34.679 | 22.843 | 0.002 | -34.67 | 24.731 | 0.004 | 0.051 | 27.495 | 11.871 | 0.107 | 29.007 | 12.653 | 0.103 | 248.096 | 4.346 | 0.103 | 247.593 | 3.935 | 0.103 | 0.176 | 0.0 | 0.103 | 0.175 | 0.0 |
| 26 | 4381 | 4382 | SN | 1 | -34.679 | 22.843 | 0.002 | -34.67 | 24.731 | 0.004 | 0.048 | 27.495 | 12.583 | 0.107 | 29.007 | 12.744 | 0.103 | 248.096 | 4.515 | 0.103 | 247.593 | 3.937 | 0.103 | 0.176 | 0.0 | 0.103 | 0.175 | 0.0 |
| 27 | 4381 | 4382 | NS | 1 | -34.574 | 23.145 | 0.018 | -34.979 | 23.31 | 0.061 | -11.457 | 28.516 | 5.119 | -9.405 | 35.468 | 14.022 | 0.103 | 242.132 | 3.501 | 0.103 | 265.867 | 3.288 | 0.103 | 1.263 | 0.005 | 0.102 | 0.819 | 0.0 |
| 28 | 4381 | 4382 | NS | 2 | -34.574 | 23.145 | 0.018 | -34.979 | 23.31 | 0.061 | -11.457 | 28.516 | 5.119 | -9.405 | 35.468 | 14.022 | 0.103 | 242.132 | 3.501 | 0.103 | 265.867 | 3.286 | 0.103 | 1.263 | 0.005 | 0.102 | 0.819 | 0.0 |
| 29 | 4381 | 4382 | SN | 1 | -34.679 | 22.843 | 0.002 | -34.67 | 24.731 | 0.004 | 0.051 | 27.495 | 11.952 | 0.107 | 28.512 | 10.037 | 0.103 | 248.096 | 4.346 | 0.103 | 247.593 | 3.932 | 0.103 | 0.176 | 0.0 | 0.103 | 0.175 | 0.0 |
| 30 | 4382 | 4383 | SN | 3 | -34.898 | 23.711 | 0.006 | -34.691 | 23.651 | 0.028 | -8.056 | 31.387 | 9.343 | -9.52 | 34.936 | 12.778 | 0.103 | 260.985 | 5.128 | 0.103 | 248.769 | 4.119 | 0.103 | 0.623 | 0.0 | 0.102 | 0.839 | 0.0 |
| 31 | 4382 | 4383 | SN | 1 | -34.96 | 23.711 | 0.006 | -34.445 | 23.652 | 0.028 | -8.055 | 31.375 | 9.513 | -9.52 | 34.933 | 11.889 | 0.103 | 264.73 | 5.132 | 0.103 | 235.098 | 4.144 | 0.103 | 0.623 | 0.0 | 0.102 | 0.839 | 0.0 |
| 32 | 4382 | 4383 | NS | 2 | -34.897 | 24.76 | 0.07 | -34.939 | 26.511 | 0.34 | 7.09 | 28.083 | 10.52 | 7.989 | 29.851 | 22.89 | 0.103 | 260.867 | 3.947 | 0.103 | 263.345 | 3.042 | 0.103 | 0.116 | 0.0 | 0.103 | 0.113 | 0.0 |
| 33 | 4382 | 4383 | SN | 1 | -34.96 | 23.711 | 0.006 | -34.445 | 23.652 | 0.031 | -8.055 | 31.375 | 9.78 | -9.52 | 34.933 | 12.786 | 0.103 | 264.73 | 5.47 | 0.103 | 235.098 | 4.249 | 0.103 | 0.623 | 0.0 | 0.102 | 0.839 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 73 | 4395 | 4396 | SN | 1 | -34.482 | 23.634 | 0.001 | -34.628 | 25.269 | 0.003 | 5.823 | 27.868 | 14.528 | 1.793 | 29.43 | 18.216 | 0.103 | 237.143 | 2.202 | 0.103 | 245.196 | 1.974 | 0.103 | 0.121 | 0.0 | 0.103 | 0.15 | 0.0 |
| 74 | 4395 | 4396 | NS | 1 | -34.945 | 20.781 | 0.0 | -34.77 | 21.61 | 0.0 | -10.12 | 26.975 | 4.052 | -18.718 | 30.951 | 12.196 | 0.103 | 263.787 | 5.293 | 0.103 | 253.308 | 4.718 | 0.103 | 0.95 | 0.0 | 0.103 | 6.367 | 0.002 |
| 75 | 4395 | 4396 | NS | 2 | -34.564 | 20.78 | 0.0 | -34.994 | 21.61 | 0.0 | -10.173 | 26.975 | 4.051 | -18.769 | 30.953 | 12.195 | 0.103 | 241.663 | 5.294 | 0.103 | 266.767 | 4.712 | 0.103 | 0.961 | 0.0 | 0.103 | 6.441 | 0.002 |
| 76 | 4395 | 4396 | SN | 1 | -34.482 | 23.634 | 0.001 | -34.654 | 25.269 | 0.003 | 5.823 | 27.868 | 14.448 | 1.793 | 29.43 | 15.011 | 0.103 | 237.143 | 2.213 | 0.103 | 246.642 | 2.327 | 0.103 | 0.121 | 0.0 | 0.103 | 0.15 | 0.0 |
| 77 | 4395 | 4396 | SN | 1 | -34.181 | 23.631 | 0.001 | -34.826 | 25.269 | 0.003 | 5.822 | 27.87 | 13.97 | 1.792 | 29.43 | 17.896 | 0.103 | 221.231 | 2.217 | 0.103 | 256.615 | 2.352 | 0.103 | 0.121 | 0.0 | 0.103 | 0.15 | 0.0 |
| 78 | 4396 | 4397 | NS | 2 | -34.951 | 25.001 | 0.119 | -34.784 | 25.934 | 0.404 | -6.814 | 29.41 | 9.016 | -7.797 | 29.782 | 16.38 | 0.103 | 264.134 | 4.731 | 0.103 | 254.208 | 3.693 | 0.103 | 0.49 | 0.0 | 0.103 | 0.592 | 0.0 |
| 79 | 4396 | 4397 | SN | 1 | -34.925 | 23.655 | 0.003 | -34.939 | 24.065 | 0.006 | -1.779 | 27.828 | 9.544 | 0.282 | 30.602 | 10.719 | 0.103 | 262.515 | 6.564 | 0.103 | 263.351 | 5.882 | 0.103 | 0.217 | 0.0 | 0.103 | 0.172 | 0.0 |
| 80 | 4396 | 4397 | SN | 3 | -34.925 | 23.655 | 0.003 | -34.939 | 24.065 | 0.006 | -1.779 | 27.828 | 9.554 | 0.282 | 30.602 | 12.203 | 0.103 | 262.515 | 6.564 | 0.103 | 263.351 | 5.882 | 0.103 | 0.217 | 0.0 | 0.103 | 0.172 | 0.0 |
| 81 | 4396 | 4397 | SN | 1 | -34.925 | 23.655 | 0.004 | -34.939 | 24.065 | 0.007 | -1.779 | 27.828 | 10.083 | 0.282 | 30.602 | 12.223 | 0.103 | 262.515 | 6.62 | 0.103 | 263.351 | 5.294 | 0.103 | 0.217 | 0.0 | 0.103 | 0.172 | 0.0 |
| 82 | 4396 | 4397 | NS | 1 | -34.951 | 25.001 | 0.119 | -34.784 | 25.934 | 0.404 | -6.814 | 29.41 | 9.016 | -7.797 | 29.782 | 16.38 | 0.103 | 264.134 | 4.731 | 0.103 | 254.208 | 3.693 | 0.103 | 0.49 | 0.0 | 0.103 | 0.592 | 0.0 |
| 83 | 4397 | 4398 | SN | 1 | -34.798 | 22.577 | 0.007 | -34.991 | 24.237 | 0.035 | -17.847 | 30.076 | 10.957 | -18.161 | 32.794 | 17.38 | 0.103 | 254.96 | 3.286 | 0.103 | 266.6 | 2.958 | 0.103 | 5.225 | 0.006 | 0.102 | 5.609 | 0.007 |
| 84 | 4397 | 4398 | NS | 1 | -34.942 | 24.861 | 0.127 | -34.92 | 25.852 | 0.254 | 7.004 | 28.159 | 7.521 | 7.502 | 32.221 | 16.376 | 0.103 | 263.586 | 5.355 | 0.103 | 262.228 | 4.262 | 0.103 | 0.116 | 0.0 | 0.102 | 0.115 | 0.0 |
| 85 | 4397 | 4398 | SN | 1 | -34.798 | 22.577 | 0.007 | -34.991 | 24.237 | 0.03 | -17.847 | 30.076 | 10.537 | -18.161 | 32.794 | 16.48 | 0.103 | 254.96 | 4.838 | 0.103 | 266.6 | 4.557 | 0.103 | 5.225 | 0.006 | 0.102 | 5.609 | 0.007 |
| 86 | 4397 | 4398 | SN | 2 | -34.798 | 22.577 | 0.007 | -34.991 | 24.237 | 0.03 | -17.847 | 30.076 | 10.326 | -18.161 | 32.794 | 17.329 | 0.103 | 254.96 | 4.838 | 0.103 | 266.6 | 4.518 | 0.103 | 5.225 | 0.006 | 0.102 | 5.609 | 0.007 |
| 87 | 4397 | 4398 | NS | 1 | -34.942 | 24.861 | 0.127 | -34.92 | 25.852 | 0.254 | 7.004 | 28.159 | 7.523 | 7.502 | 32.221 | 16.428 | 0.103 | 263.586 | 5.36 | 0.103 | 262.228 | 4.262 | 0.103 | 0.116 | 0.0 | 0.102 | 0.115 | 0.0 |
| 88 | 4398 | 4399 | NS | 1 | -34.789 | 22.327 | 0.006 | -34.625 | 24.621 | 0.057 | 1.332 | 27.724 | 9.096 | -0.408 | 30.134 | 34.852 | 0.103 | 254.427 | 3.716 | 0.103 | 245.022 | 2.493 | 0.103 | 0.156 | 0.0 | 0.103 | 0.184 | 0.0 |
| 89 | 4398 | 4399 | SN | 2 | -34.792 | 24.613 | 0.033 | -34.711 | 27.497 | 0.068 | -10.561 | 29.441 | 15.018 | -21.395 | 30.059 | 22.66 | 0.103 | 254.587 | 4.752 | 0.103 | 249.933 | 3.84 | 0.103 | 1.043 | 0.002 | 0.103 | 11.722 | 0.002 |
| 90 | 4398 | 4399 | NS | 1 | -34.789 | 22.327 | 0.006 | -34.625 | 24.621 | 0.057 | 1.332 | 27.724 | 9.077 | -0.408 | 30.134 | 34.837 | 0.103 | 254.427 | 3.715 | 0.103 | 245.022 | 2.49 | 0.103 | 0.156 | 0.0 | 0.103 | 0.184 | 0.0 |
| 91 | 4398 | 4399 | SN | 1 | -34.792 | 24.613 | 0.033 | -34.711 | 27.497 | 0.068 | -10.561 | 29.441 | 15.018 | -21.395 | 30.059 | 22.66 | 0.103 | 254.587 | 4.752 | 0.103 | 249.933 | 3.84 | 0.103 | 1.043 | 0.002 | 0.103 | 11.722 | 0.002 |
| 92 | 4399 | 4400 | NS | 1 | -34.835 | 23.575 | 0.012 | -34.527 | 23.909 | 0.062 | -24.255 | 27.478 | 6.614 | -16.532 | 32.297 | 22.559 | 0.103 | 257.169 | 2.595 | 0.103 | 239.565 | 2.086 | 0.103 | 22.574 | 0.045 | 0.102 | 3.881 | 0.01 |
| 93 | 4399 | 4400 | NS | 1 | -34.835 | 23.575 | 0.012 | -34.527 | 23.909 | 0.062 | -24.255 | 27.478 | 6.614 | -16.532 | 32.297 | 22.559 | 0.103 | 257.169 | 2.6 | 0.103 | 239.565 | 2.084 | 0.103 | 22.574 | 0.045 | 0.102 | 3.881 | 0.01 |
| 94 | 4399 | 4400 | SN | 1 | -34.642 | 26.585 | 0.033 | -34.956 | 27.766 | 0.046 | -3.397 | 28.194 | 14.12 | -1.25 | 30.314 | 15.405 | 0.103 | 246.01 | 4.858 | 0.103 | 264.402 | 4.107 | 0.103 | 0.272 | 0.0 | 0.103 | 0.203 | 0.0 |
| 95 | 4400 | 4401 | SN | 1 | -34.875 | 26.445 | 0.025 | -34.796 | 27.902 | 0.022 | -16.806 | 28.235 | 13.487 | -12.538 | 30.36 | 16.422 | 0.103 | 259.6 | 4.106 | 0.103 | 254.873 | 3.388 | 0.103 | 4.129 | 0.011 | 0.103 | 1.596 | 0.005 |
| 96 | 4400 | 4401 | NS | 1 | -33.412 | 22.764 | 0.001 | -33.881 | 24.11 | 0.003 | -29.082 | 27.706 | 11.173 | -21.582 | 30.255 | 21.366 | 0.103 | 185.332 | 1.162 | 0.103 | 206.449 | 1.211 | 0.103 | 68.429 | 0.046 | 0.103 | 12.237 | 0.038 |
| 97 | 4400 | 4401 | NS | 1 | -33.412 | 22.764 | 0.001 | -33.881 | 24.11 | 0.003 | -29.082 | 27.706 | 11.173 | -21.582 | 30.255 | 21.368 | 0.103 | 185.332 | 1.164 | 0.103 | 206.449 | 1.213 | 0.103 | 68.429 | 0.046 | 0.103 | 12.237 | 0.038 |
| 98 | 4400 | 4401 | SN | 2 | -34.673 | 26.445 | 0.025 | -34.818 | 27.902 | 0.022 | -16.763 | 28.233 | 13.488 | -12.54 | 30.36 | 16.424 | 0.103 | 247.766 | 4.11 | 0.103 | 256.126 | 3.392 | 0.103 | 4.089 | 0.011 | 0.103 | 1.597 | 0.005 |
| 99 | 4401 | 4402 | NS | 2 | -34.956 | 23.153 | 0.001 | -34.798 | 24.076 | 0.004 | -25.024 | 27.67 | 20.338 | -27.773 | 30.473 | 37.258 | 0.103 | 264.397 | 2.669 | 0.103 | 254.984 | 2.508 | 0.103 | 26.936 | 0.044 | 0.103 | 50.648 | 0.051 |
| 100 | 4401 | 4402 | NS | 1 | -34.956 | 23.153 | 0.001 | -34.798 | 24.076 | 0.004 | -25.024 | 27.67 | 15.776 | -27.773 | 30.473 | 33.793 | 0.103 | 264.397 | 2.669 | 0.103 | 254.984 | 2.508 | 0.103 | 26.936 | 0.049 | 0.103 | 50.648 | 0.057 |
| 101 | 4401 | 4402 | NS | 1 | -34.707 | 23.153 | 0.001 | -34.355 | 24.076 | 0.004 | -25.024 | 27.67 | 20.336 | -27.719 | 30.473 | 37.257 | 0.103 | 249.71 | 2.672 | 0.103 | 230.291 | 2.507 | 0.103 | 26.935 | 0.044 | 0.103 | 50.014 | 0.051 |
| 102 | 4401 | 4402 | SN | 4 | -34.506 | 21.618 | 0.0 | -33.734 | 23.465 | 0.002 | -24.28 | 28.499 | 10.945 | -21.274 | 29.932 | 17.448 | 0.103 | 238.399 | 2.458 | 0.103 | 199.583 | 1.924 | 0.103 | 22.707 | 0.005 | 0.103 | 11.403 | 0.014 |
| 103 | 4401 | 4402 | SN | 3 | -34.325 | 21.618 | 0.0 | -34.286 | 23.465 | 0.002 | -24.291 | 28.499 | 10.947 | -21.045 | 29.932 | 17.449 | 0.103 | 228.672 | 2.451 | 0.103 | 226.601 | 1.922 | 0.103 | 22.761 | 0.005 | 0.103 | 10.822 | 0.014 |
| 104 | 4402 | 4403 | NS | 1 | -34.713 | 23.092 | 0.001 | -34.219 | 23.085 | 0.008 | 7.831 | 27.197 | 7.597 | 10.863 | 29.902 | 30.081 | 0.103 | 250.033 | 3.16 | 0.103 | 223.222 | 2.574 | 0.103 | 0.114 | 0.0 | 0.103 | 0.108 | 0.0 |
| 105 | 4402 | 4403 | SN | 3 | -34.12 | 20.322 | 0.0 | -34.929 | 23.983 | 0.001 | -9.248 | 27.845 | 16.529 | -7.594 | 29.732 | 25.449 | 0.103 | 218.195 | 1.787 | 0.103 | 262.798 | 1.42 | 0.103 | 0.793 | 0.0 | 0.103 | 0.569 | 0.0 |
| 106 | 4402 | 4403 | NS | 2 | -34.713 | 23.092 | 0.001 | -34.219 | 23.085 | 0.008 | 7.831 | 27.791 | 19.358 | 10.863 | 29.902 | 36.626 | 0.103 | 250.033 | 3.157 | 0.103 | 223.222 | 2.574 | 0.103 | 0.114 | 0.0 | 0.103 | 0.108 | 0.0 |
| 107 | 4402 | 4403 | NS | 1 | -34.878 | 23.091 | 0.001 | -34.444 | 23.086 | 0.008 | 7.831 | 27.789 | 19.351 | 10.863 | 29.902 | 36.621 | 0.103 | 259.713 | 3.156 | 0.103 | 234.995 | 2.576 | 0.103 | 0.114 | 0.0 | 0.103 | 0.108 | 0.0 |
| 108 | 4402 | 4403 | SN | 1 | -32.399 | 20.32 | 0.0 | -33.873 | 23.983 | 0.001 | -9.249 | 27.845 | 16.659 | -7.595 | 29.732 | 25.574 | 0.103 | 146.762 | 1.788 | 0.103 | 206.071 | 1.419 | 0.103 | 0.793 | 0.0 | 0.103 | 0.569 | 0.0 |
| 109 | 4403 | 4404 | SN | 1 | -34.877 | 18.3 | 0.0 | -34.991 | 18.943 | 0.0 | 3.708 | 27.494 | 29.294 | 6.187 | 29.598 | 44.57 | 0.103 | 259.64 | 2.847 | 0.103 | 266.548 | 1.918 | 0.103 | 0.132 | 0.0 | 0.103 | 0.119 | 0.0 |
| 110 | 4403 | 4404 | NS | 1 | -34.956 | 25.637 | 0.016 | -34.032 | 26.095 | 0.041 | 10.163 | 25.564 | 0.976 | 7.565 | 29.291 | 12.099 | 0.103 | 264.388 | 3.354 | 0.103 | 213.808 | 2.269 | 0.103 | 0.109 | 0.0 | 0.103 | 0.114 | 0.0 |
| 111 | 4403 | 4404 | NS | 1 | -34.956 | 25.636 | 0.018 | -34.032 | 26.095 | 0.041 | 6.841 | 28.541 | 23.127 | 7.565 | 30.591 | 37.432 | 0.103 | 264.388 | 3.348 | 0.103 | 213.808 | 2.269 | 0.103 | 0.117 | 0.0 | 0.103 | 0.114 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-------|---------|--------|-------|-------|--------|--------|-------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-----|-------|-------|-----|
| 112 | 4403 | 4404 | NS | 2 | -34.956 | 25.636 | 0.018 | -34.032 | 26.095 | 0.041 | 6.841 | 28.541 | 23.127 | 7.565 | 30.591 | 37.432 | 0.103 | 264.388 | 3.348 | 0.103 | 213.808 | 2.269 | 0.103 | 0.117 | 0.0 | 0.103 | 0.114 | 0.0 |
| 113 | 4404 | 4405 | NS | 1 | -34.651 | 22.998 | 0.002 | -34.765 | 26.104 | 0.044 | 4.768 | 27.354 | 2.119 | 5.373 | 28.19 | 7.293 | 0.103 | 246.48 | 4.988 | 0.103 | 253.054 | 3.743 | 0.103 | 0.126 | 0.0 | 0.103 | 0.123 | 0.0 |
| 114 | 4404 | 4405 | NS | 1 | -34.651 | 24.516 | 0.018 | -34.765 | 26.104 | 0.044 | 4.768 | 28.809 | 12.013 | 5.373 | 29.426 | 24.916 | 0.103 | 246.48 | 4.916 | 0.103 | 253.054 | 3.743 | 0.103 | 0.126 | 0.0 | 0.103 | 0.123 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | 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 | 4376 | 4377 | SN | 1 | 57.507 | 58.314 | 0.0 | 0.003 | 1.974 | 0.215 | 1205.816 | 1282.648 | 11.565 | -93.742 | -91.765 | 0.0 |
| 2 | 4376 | 4377 | SN | 1 | 57.507 | 58.314 | 0.0 | 0.003 | 1.974 | 0.222 | 1205.816 | 1282.856 | 12.591 | -93.742 | -91.765 | 0.0 |
| 3 | 4376 | 4377 | SN | 1 | 57.507 | 58.314 | 0.0 | 0.003 | 13.131 | 0.225 | 1205.816 | 1282.84 | 12.278 | -93.742 | -91.765 | 0.0 |
| 4 | 4376 | 4377 | NS | 1 | 57.645 | 58.399 | 0.0 | 0.003 | 1.98 | 0.159 | 1227.184 | 1285.048 | 12.071 | -93.81 | -91.697 | 0.0 |
| 5 | 4376 | 4377 | NS | 1 | 57.645 | 58.399 | 0.0 | 0.003 | 1.98 | 0.159 | 1227.184 | 1285.048 | 12.083 | -93.81 | -91.697 | 0.0 |
| 6 | 4377 | 4378 | NS | 1 | 57.675 | 58.42 | 0.0 | 0.003 | 25.204 | 0.193 | 1227.976 | 1285.368 | 11.544 | -93.748 | -91.663 | 0.0 |
| 7 | 4377 | 4378 | SN | 1 | 57.522 | 58.314 | 0.0 | 0.003 | 1.974 | 0.203 | 1205.248 | 1282.864 | 12.621 | -93.749 | -91.754 | 0.0 |
| 8 | 4377 | 4378 | NS | 1 | 57.675 | 58.42 | 0.0 | 0.003 | 25.204 | 0.193 | 1227.976 | 1285.368 | 11.556 | -93.748 | -91.663 | 0.0 |
| 9 | 4377 | 4378 | SN | 1 | 57.522 | 58.314 | 0.0 | 0.003 | 1.974 | 0.207 | 1205.248 | 1283.04 | 13.569 | -93.749 | -91.754 | 0.0 |
| 10 | 4377 | 4378 | SN | 1 | 57.522 | 58.314 | 0.0 | 0.003 | 1.974 | 0.207 | 1205.248 | 1283.04 | 13.582 | -93.749 | -91.754 | 0.0 |
| 11 | 4378 | 4379 | SN | 1 | 57.524 | 58.314 | 0.0 | 0.003 | 1.98 | 0.199 | 1204.808 | 1282.864 | 13.586 | -93.389 | -91.785 | 0.0 |
| 12 | 4378 | 4379 | NS | 1 | 57.674 | 58.387 | 0.0 | 0.003 | 25.435 | 0.195 | 1228.128 | 1285.376 | 11.519 | -93.737 | -91.665 | 0.0 |
| 13 | 4378 | 4379 | NS | 1 | 57.674 | 58.387 | 0.0 | 0.003 | 25.435 | 0.194 | 1228.128 | 1285.376 | 11.507 | -93.737 | -91.665 | 0.0 |
| 14 | 4378 | 4379 | SN | 2 | 57.524 | 58.314 | 0.0 | 0.003 | 12.933 | 0.208 | 1204.808 | 1283.088 | 14.318 | -93.389 | -91.785 | 0.0 |
| 15 | 4378 | 4379 | SN | 1 | 57.524 | 58.314 | 0.0 | 0.003 | 1.98 | 0.203 | 1204.808 | 1283.104 | 14.527 | -93.389 | -91.785 | 0.0 |
| 16 | 4379 | 4380 | SN | 1 | 57.511 | 58.314 | 0.0 | 0.003 | 346.138 | 0.211 | 1204.704 | 1282.944 | 14.376 | -93.473 | -91.765 | 0.0 |
| 17 | 4379 | 4380 | SN | 1 | 57.511 | 58.335 | 0.0 | 0.003 | 1.974 | 0.207 | 1204.752 | 1282.968 | 14.659 | -93.535 | -91.765 | 0.0 |
| 18 | 4379 | 4380 | NS | 1 | 57.664 | 58.387 | 0.0 | 0.003 | 1.985 | 0.157 | 1227.704 | 1285.32 | 11.672 | -93.713 | -91.696 | 0.0 |
| 19 | 4379 | 4380 | NS | 1 | 57.665 | 58.386 | 0.0 | 0.003 | 1.985 | 0.156 | 1227.512 | 1285.304 | 11.676 | -93.713 | -91.696 | 0.0 |
| 20 | 4379 | 4380 | SN | 1 | 57.511 | 58.335 | 0.0 | 0.003 | 1.974 | 0.201 | 1204.752 | 1282.752 | 13.688 | -93.535 | -91.765 | 0.0 |
| 21 | 4380 | 4381 | NS | 2 | 57.648 | 58.386 | 0.0 | 0.003 | 1.98 | 0.159 | 1227.584 | 1285.168 | 11.623 | -93.623 | -91.724 | 0.0 |
| 22 | 4380 | 4381 | SN | 3 | 57.513 | 58.312 | 0.0 | 0.003 | 1.98 | 0.2 | 1204.696 | 1282.864 | 13.971 | -93.528 | -91.784 | 0.0 |
| 23 | 4380 | 4381 | SN | 1 | 57.517 | 58.312 | 0.0 | 0.003 | 1.98 | 0.201 | 1204.968 | 1282.864 | 13.952 | -93.631 | -91.783 | 0.0 |
| 24 | 4380 | 4381 | NS | 1 | 57.647 | 58.385 | 0.0 | 0.003 | 1.98 | 0.159 | 1227.512 | 1285.128 | 11.647 | -93.623 | -91.724 | 0.0 |
| 25 | 4381 | 4382 | SN | 1 | 57.518 | 58.314 | 0.0 | 0.003 | 346.154 | 0.212 | 1204.736 | 1282.648 | 13.741 | -93.458 | -91.784 | 0.0 |
| 26 | 4381 | 4382 | SN | 1 | 57.518 | 58.314 | 0.0 | 0.003 | 1.98 | 0.213 | 1204.736 | 1282.672 | 14.388 | -93.458 | -91.784 | 0.0 |
| 27 | 4381 | 4382 | NS | 1 | 57.654 | 58.395 | 0.0 | 0.003 | 180.914 | 0.16 | 1227.952 | 1284.976 | 10.351 | -93.835 | -91.717 | 0.0 |
| 28 | 4381 | 4382 | NS | 2 | 57.654 | 58.395 | 0.0 | 0.003 | 180.914 | 0.159 | 1227.952 | 1284.976 | 10.35 | -93.835 | -91.717 | 0.0 |
| 29 | 4381 | 4382 | SN | 1 | 57.518 | 58.314 | 0.0 | 0.003 | 1.98 | 0.202 | 1204.736 | 1282.408 | 13.185 | -93.458 | -91.784 | 0.0 |
| 30 | 4382 | 4383 | SN | 3 | 57.516 | 58.312 | 0.0 | 0.003 | 346.232 | 0.222 | 1205.624 | 1282.624 | 12.182 | -93.405 | -91.785 | 0.0 |
| 31 | 4382 | 4383 | SN | 1 | 57.515 | 58.31 | 0.0 | 0.003 | 345.051 | 0.212 | 1205.216 | 1282.344 | 11.57 | -93.393 | -91.785 | 0.0 |
| 32 | 4382 | 4383 | NS | 2 | 57.65 | 58.393 | 0.0 | 0.003 | 26.654 | 0.198 | 1228.272 | 1284.896 | 9.69 | -93.9 | -91.73 | 0.0 |
| 33 | 4382 | 4383 | SN | 1 | 57.515 | 58.31 | 0.0 | 0.003 | 345.051 | 0.229 | 1205.216 | 1282.664 | 13.057 | -93.405 | -91.785 | 0.0 |
| 34 | 4382 | 4383 | NS | 1 | 57.645 | 58.38 | 0.0 | 0.003 | 26.665 | 0.198 | 1227.856 | 1284.824 | 9.694 | -93.8 | -91.729 | 0.0 |

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

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

| | | | | | | | | | | | | | | | | |
|----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 4383 | 4384 | NS | 1 | 57.642 | 58.399 | 0.0 | 0.003 | 1.985 | 0.154 | 1227.448 | 1284.896 | 9.62 | -93.738 | -91.729 | 0.0 |
| 36 | 4383 | 4384 | NS | 2 | 57.646 | 58.411 | 0.0 | 0.003 | 1.985 | 0.154 | 1227.752 | 1284.992 | 9.616 | -93.729 | -91.729 | 0.0 |
| 37 | 4383 | 4384 | SN | 1 | 57.543 | 58.315 | 0.0 | 0.003 | 1.98 | 0.208 | 1205.88 | 1282.76 | 11.897 | -93.404 | -91.741 | 0.0 |
| 38 | 4383 | 4384 | SN | 2 | 57.543 | 58.315 | 0.0 | 0.003 | 1.98 | 0.208 | 1205.88 | 1282.736 | 11.901 | -93.405 | -91.741 | 0.0 |
| 39 | 4384 | 4385 | NS | 1 | 57.677 | 58.384 | 0.0 | 0.003 | 1.985 | 0.164 | 1228.368 | 1284.936 | 10.917 | -93.586 | -91.73 | 0.0 |
| 40 | 4384 | 4385 | SN | 1 | 57.543 | 58.312 | 0.0 | 0.003 | 1.98 | 0.201 | 1205.496 | 1282.696 | 11.944 | -93.445 | -91.729 | 0.0 |
| 41 | 4385 | 4386 | SN | 1 | 57.525 | 58.311 | 0.0 | 0.003 | 242.892 | 0.206 | 1205.448 | 1282.488 | 12.277 | -93.461 | -91.766 | 0.0 |
| 42 | 4385 | 4386 | NS | 1 | 57.678 | 58.383 | 0.0 | 0.003 | 1.985 | 0.158 | 1228.424 | 1284.712 | 10.137 | -93.588 | -91.702 | 0.0 |
| 43 | 4386 | 4387 | SN | 1 | 57.517 | 58.31 | 0.0 | 0.003 | 1.974 | 0.208 | 1205.76 | 1282.464 | 12.813 | -93.364 | -91.769 | 0.0 |
| 44 | 4386 | 4387 | NS | 1 | 57.651 | 58.384 | 0.0 | 0.003 | 1.985 | 0.157 | 1227.752 | 1284.704 | 10.105 | -93.734 | -91.72 | 0.0 |
| 45 | 4387 | 4388 | NS | 1 | 57.648 | 58.384 | 0.0 | 0.003 | 26.047 | 0.196 | 1227.664 | 1284.72 | 9.873 | -93.852 | -91.73 | 0.0 |
| 46 | 4387 | 4388 | SN | 2 | 57.522 | 58.311 | 0.0 | 0.003 | 329.405 | 0.204 | 1205.776 | 1282.416 | 12.991 | -93.542 | -91.76 | 0.0 |
| 47 | 4387 | 4388 | NS | 1 | 57.648 | 58.384 | 0.0 | 0.003 | 26.047 | 0.191 | 1227.664 | 1284.72 | 7.809 | -93.852 | -91.73 | 0.0 |
| 48 | 4388 | 4389 | NS | 1 | 57.648 | 58.383 | 0.0 | 0.003 | 1.98 | 0.143 | 1227.832 | 1284.728 | 5.114 | -93.7 | -91.729 | 0.0 |
| 49 | 4388 | 4389 | NS | 1 | 57.648 | 58.383 | 0.0 | 0.003 | 1.98 | 0.155 | 1227.832 | 1284.744 | 10.117 | -93.7 | -91.729 | 0.0 |
| 50 | 4388 | 4389 | SN | 1 | 57.523 | 58.311 | 0.0 | 0.003 | 2.598 | 0.218 | 1205.16 | 1282.408 | 12.866 | -93.496 | -91.785 | 0.0 |
| 51 | 4389 | 4390 | NS | 1 | 57.662 | 58.383 | 0.0 | 0.003 | 26.411 | 0.24 | 1228.144 | 1284.096 | 2.08 | -93.718 | -91.728 | 0.0 |
| 52 | 4390 | 4391 | SN | 1 | 57.513 | 58.311 | 0.0 | 0.003 | 1.98 | 0.228 | 1205.84 | 1282.312 | 12.761 | -93.482 | -91.777 | 0.0 |
| 53 | 4390 | 4391 | SN | 1 | 57.513 | 58.311 | 0.0 | 0.003 | 1.98 | 0.218 | 1205.84 | 1282.072 | 11.666 | -93.482 | -91.777 | 0.0 |
| 54 | 4390 | 4391 | SN | 1 | 57.513 | 58.311 | 0.0 | 0.003 | 12.889 | 0.228 | 1205.84 | 1282.288 | 12.251 | -93.482 | -91.777 | 0.0 |
| 55 | 4391 | 4392 | NS | 1 | 57.679 | 58.382 | 0.0 | 0.003 | 1.98 | 0.154 | 1228.208 | 1284.64 | 10.127 | -93.723 | -91.713 | 0.0 |
| 56 | 4391 | 4392 | SN | 1 | 57.542 | 58.308 | 0.0 | 0.003 | 1.98 | 0.213 | 1205.104 | 1282.264 | 12.63 | -93.403 | -91.751 | 0.0 |
| 57 | 4391 | 4392 | SN | 1 | 57.542 | 58.308 | 0.0 | 0.003 | 1.98 | 0.207 | 1205.104 | 1281.944 | 11.874 | -93.3 | -91.751 | 0.0 |
| 58 | 4391 | 4392 | SN | 1 | 57.542 | 58.308 | 0.0 | 0.003 | 346.088 | 0.218 | 1205.104 | 1282.256 | 12.395 | -93.403 | -91.751 | 0.0 |
| 59 | 4392 | 4393 | SN | 1 | 57.503 | 58.309 | 0.0 | 0.003 | 1.98 | 0.204 | 1205.152 | 1282.456 | 13.755 | -93.503 | -91.784 | 0.0 |
| 60 | 4392 | 4393 | SN | 1 | 57.503 | 58.309 | 0.0 | 0.003 | 1.98 | 0.199 | 1205.152 | 1282.152 | 13.002 | -93.503 | -91.784 | 0.0 |
| 61 | 4392 | 4393 | NS | 1 | 57.68 | 58.393 | 0.0 | 0.003 | 1.98 | 0.149 | 1228.776 | 1284.904 | 10.072 | -93.795 | -91.663 | 0.0 |
| 62 | 4392 | 4393 | NS | 2 | 57.68 | 58.393 | 0.0 | 0.003 | 1.98 | 0.149 | 1228.776 | 1284.904 | 10.071 | -93.795 | -91.663 | 0.0 |
| 63 | 4392 | 4393 | SN | 1 | 57.503 | 58.309 | 0.0 | 0.003 | 1.98 | 0.203 | 1205.152 | 1282.456 | 13.742 | -93.503 | -91.784 | 0.0 |
| 64 | 4393 | 4394 | SN | 2 | 57.517 | 58.307 | 0.0 | 0.003 | 346.154 | 0.208 | 1204.584 | 1282.328 | 14.028 | -93.41 | -91.782 | 0.0 |
| 65 | 4393 | 4394 | SN | 1 | 57.517 | 58.307 | 0.0 | 0.003 | 1.98 | 0.204 | 1204.584 | 1282.344 | 14.273 | -93.41 | -91.782 | 0.0 |
| 66 | 4393 | 4394 | SN | 1 | 57.517 | 58.307 | 0.0 | 0.003 | 1.98 | 0.199 | 1204.584 | 1281.976 | 13.506 | -93.371 | -91.782 | 0.0 |
| 67 | 4393 | 4394 | NS | 1 | 57.677 | 58.385 | 0.0 | 0.003 | 26.136 | 0.199 | 1228.976 | 1284.832 | 9.973 | -93.648 | -91.709 | 0.0 |
| 68 | 4394 | 4395 | SN | 1 | 57.519 | 58.31 | 0.0 | 0.003 | 346.171 | 0.212 | 1204.672 | 1282.168 | 13.915 | -93.508 | -91.781 | 0.0 |
| 69 | 4394 | 4395 | SN | 1 | 57.522 | 58.31 | 0.0 | 0.003 | 1.98 | 0.208 | 1204.536 | 1282.184 | 14.251 | -93.508 | -91.781 | 0.0 |
| 70 | 4394 | 4395 | SN | 1 | 57.522 | 58.31 | 0.0 | 0.003 | 1.98 | 0.202 | 1204.536 | 1281.832 | 13.424 | -93.419 | -91.781 | 0.0 |
| 71 | 4394 | 4395 | NS | 1 | 57.68 | 58.383 | 0.0 | 0.003 | 1.985 | 0.154 | 1228.544 | 1284.64 | 9.902 | -93.57 | -91.717 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |





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|-----|------|------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 72 | 4394 | 4395 | NS | 2 | 57.681 | 58.384 | 0.0 | 0.003 | 1.985 | 0.154 | 1228.712 | 1284.656 | 9.898 | -93.734 | -91.717 | 0.0 |
| 73 | 4395 | 4396 | SN | 1 | 57.53 | 58.307 | 0.0 | 0.003 | 1.98 | 0.21 | 1204.72 | 1282.064 | 13.998 | -93.487 | -91.781 | 0.0 |
| 74 | 4395 | 4396 | NS | 1 | 57.665 | 58.384 | 0.0 | 0.003 | 1.985 | 0.158 | 1228.376 | 1284.464 | 9.422 | -93.888 | -91.717 | 0.0 |
| 75 | 4395 | 4396 | NS | 2 | 57.673 | 58.383 | 0.0 | 0.003 | 1.985 | 0.158 | 1228.384 | 1284.496 | 9.41 | -93.648 | -91.718 | 0.0 |
| 76 | 4395 | 4396 | SN | 1 | 57.53 | 58.307 | 0.0 | 0.003 | 1.98 | 0.2 | 1204.72 | 1281.664 | 13.024 | -93.487 | -91.781 | 0.0 |
| 77 | 4395 | 4396 | SN | 1 | 57.527 | 58.314 | 0.0 | 0.003 | 346.221 | 0.209 | 1204.6 | 1282.048 | 13.476 | -93.487 | -91.781 | 0.0 |
| 78 | 4396 | 4397 | NS | 2 | 57.682 | 58.381 | 0.0 | 0.003 | 1.985 | 0.157 | 1228.904 | 1284.344 | 8.584 | -93.626 | -91.732 | 0.0 |
| 79 | 4396 | 4397 | SN | 1 | 57.517 | 58.305 | 0.0 | 0.003 | 1.974 | 0.206 | 1204.872 | 1281.48 | 12.454 | -93.485 | -91.782 | 0.0 |
| 80 | 4396 | 4397 | SN | 3 | 57.517 | 58.305 | 0.0 | 0.003 | 13.688 | 0.216 | 1204.872 | 1281.92 | 12.887 | -93.485 | -91.782 | 0.0 |
| 81 | 4396 | 4397 | SN | 1 | 57.517 | 58.305 | 0.0 | 0.003 | 1.974 | 0.219 | 1204.872 | 1281.944 | 13.617 | -93.485 | -91.782 | 0.0 |
| 82 | 4396 | 4397 | NS | 1 | 57.682 | 58.381 | 0.0 | 0.003 | 1.985 | 0.157 | 1228.904 | 1284.344 | 8.584 | -93.626 | -91.732 | 0.0 |
| 83 | 4397 | 4398 | SN | 1 | 57.545 | 58.308 | 0.0 | 0.003 | 1.974 | 0.228 | 1205.104 | 1282.04 | 12.446 | -93.484 | -91.773 | 0.0 |
| 84 | 4397 | 4398 | NS | 1 | 57.653 | 58.381 | 0.0 | 0.003 | 26.058 | 0.198 | 1228.584 | 1284.368 | 8.503 | -93.797 | -91.735 | 0.0 |
| 85 | 4397 | 4398 | SN | 1 | 57.545 | 58.308 | 0.0 | 0.003 | 1.974 | 0.209 | 1205.104 | 1281.624 | 11.045 | -93.484 | -91.773 | 0.0 |
| 86 | 4397 | 4398 | SN | 2 | 57.545 | 58.308 | 0.0 | 0.003 | 13.528 | 0.219 | 1205.104 | 1282.008 | 11.506 | -93.484 | -91.773 | 0.0 |
| 87 | 4397 | 4398 | NS | 1 | 57.653 | 58.381 | 0.0 | 0.003 | 26.058 | 0.198 | 1228.584 | 1284.368 | 8.512 | -93.797 | -91.735 | 0.0 |
| 88 | 4398 | 4399 | NS | 1 | 57.658 | 58.383 | 0.0 | 0.003 | 1.985 | 0.16 | 1228.2 | 1284.432 | 8.813 | -93.658 | -91.735 | 0.0 |
| 89 | 4398 | 4399 | SN | 2 | 57.503 | 58.306 | 0.0 | 0.003 | 1.98 | 0.202 | 1204.632 | 1282.064 | 11.137 | -93.443 | -91.722 | 0.0 |
| 90 | 4398 | 4399 | NS | 1 | 57.658 | 58.383 | 0.0 | 0.003 | 1.985 | 0.16 | 1228.2 | 1284.432 | 8.804 | -93.658 | -91.735 | 0.0 |
| 91 | 4398 | 4399 | SN | 1 | 57.503 | 58.306 | 0.0 | 0.003 | 1.98 | 0.202 | 1204.632 | 1282.064 | 11.137 | -93.443 | -91.722 | 0.0 |
| 92 | 4399 | 4400 | NS | 1 | 57.683 | 58.404 | 0.0 | 0.003 | 1.98 | 0.161 | 1228.504 | 1284.272 | 9.049 | -93.609 | -91.716 | 0.0 |
| 93 | 4399 | 4400 | NS | 1 | 57.683 | 58.404 | 0.0 | 0.003 | 1.98 | 0.161 | 1228.504 | 1284.272 | 9.04 | -93.609 | -91.716 | 0.0 |
| 94 | 4399 | 4400 | SN | 1 | 57.538 | 58.307 | 0.0 | 0.003 | 1.974 | 0.201 | 1205.592 | 1281.904 | 11.474 | -93.325 | -91.767 | 0.0 |
| 95 | 4400 | 4401 | SN | 1 | 57.53 | 58.306 | 0.0 | 0.003 | 1.974 | 0.208 | 1204.992 | 1281.712 | 11.89 | -93.407 | -91.753 | 0.0 |
| 96 | 4400 | 4401 | NS | 1 | 57.682 | 58.393 | 0.0 | 0.003 | 1.985 | 0.156 | 1228.648 | 1284.128 | 8.606 | -93.794 | -91.714 | 0.0 |
| 97 | 4400 | 4401 | NS | 1 | 57.682 | 58.393 | 0.0 | 0.003 | 1.985 | 0.156 | 1228.648 | 1284.128 | 8.607 | -93.794 | -91.714 | 0.0 |
| 98 | 4400 | 4401 | SN | 2 | 57.517 | 58.306 | 0.0 | 0.003 | 1.98 | 0.208 | 1204.976 | 1281.712 | 11.913 | -93.407 | -91.753 | 0.0 |
| 99 | 4401 | 4402 | NS | 2 | 57.673 | 58.382 | 0.0 | 0.003 | 24.773 | 0.197 | 1228.832 | 1284.16 | 8.571 | -93.77 | -91.736 | 0.0 |
| 100 | 4401 | 4402 | NS | 1 | 57.673 | 58.382 | 0.0 | 0.003 | 24.773 | 0.194 | 1228.832 | 1284.16 | 7.638 | -93.77 | -91.736 | 0.0 |
| 101 | 4401 | 4402 | NS | 1 | 57.666 | 58.397 | 0.0 | 0.003 | 24.757 | 0.197 | 1228.832 | 1284.144 | 8.549 | -93.792 | -91.736 | 0.0 |
| 102 | 4401 | 4402 | SN | 4 | 57.525 | 58.306 | 0.0 | 0.003 | 1.974 | 0.207 | 1204.984 | 1281.848 | 12.796 | -93.443 | -91.754 | 0.0 |
| 103 | 4401 | 4402 | SN | 3 | 57.518 | 58.305 | 0.0 | 0.003 | 1.974 | 0.207 | 1205.736 | 1281.848 | 12.799 | -93.443 | -91.754 | 0.0 |
| 104 | 4402 | 4403 | NS | 1 | 57.651 | 58.381 | 0.0 | 0.003 | 1.98 | 0.146 | 1228.48 | 1284.088 | 5.877 | -93.753 | -91.735 | 0.0 |
| 105 | 4402 | 4403 | SN | 3 | 57.531 | 58.304 | 0.0 | 0.003 | 1.98 | 0.204 | 1205.68 | 1281.688 | 11.892 | -93.385 | -91.779 | 0.0 |
| 106 | 4402 | 4403 | NS | 2 | 57.651 | 58.381 | 0.0 | 0.003 | 1.98 | 0.155 | 1228.48 | 1284.088 | 8.618 | -93.753 | -91.735 | 0.0 |
| 107 | 4402 | 4403 | NS | 1 | 57.65 | 58.38 | 0.0 | 0.003 | 1.98 | 0.155 | 1228.336 | 1284.064 | 8.598 | -93.686 | -91.735 | 0.0 |
| 108 | 4402 | 4403 | SN | 1 | 57.528 | 58.305 | 0.0 | 0.003 | 1.98 | 0.204 | 1205.24 | 1281.68 | 11.929 | -93.36 | -91.779 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

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|-----|------|------|----|---|--------|--------|-----|-------|-------|-------|----------|----------|-------|---------|---------|-----|
| 109 | 4403 | 4404 | SN | 1 | 57.513 | 58.306 | 0.0 | 0.003 | 1.985 | 0.205 | 1205.576 | 1281.664 | 12.45 | -93.403 | -91.784 | 0.0 |
| 110 | 4403 | 4404 | NS | 1 | 57.652 | 58.406 | 0.0 | 0.008 | 1.985 | 0.138 | 1228.264 | 1284.096 | 3.115 | -93.815 | -91.734 | 0.0 |
| 111 | 4403 | 4404 | NS | 1 | 57.652 | 58.406 | 0.0 | 0.003 | 1.985 | 0.153 | 1228.264 | 1284.184 | 8.61 | -93.847 | -91.734 | 0.0 |
| 112 | 4403 | 4404 | NS | 2 | 57.652 | 58.406 | 0.0 | 0.003 | 1.985 | 0.153 | 1228.264 | 1284.184 | 8.61 | -93.847 | -91.734 | 0.0 |
| 113 | 4404 | 4405 | NS | 1 | 57.666 | 58.38 | 0.0 | 0.003 | 1.98 | 0.14 | 1228.536 | 1283.752 | 2.403 | -93.818 | -91.733 | 0.0 |
| 114 | 4404 | 4405 | NS | 1 | 57.666 | 58.38 | 0.0 | 0.003 | 1.98 | 0.158 | 1228.536 | 1284.152 | 9.263 | -93.818 | -91.733 | 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 |

| | | | | | 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 | 4376 | 4377 | SN | 1 | -33.109 | 19.494 | 0.0 | -34.461 | 19.912 | 0.0 | -33.689 | 22.941 | 0.068 | -25.237 | 24.641 | 0.236 | 0.083 | 141.139 | 1.9 | 0.083 | 192.625 | 1.485 | 0.083 | 161.271 | 0.071 | 0.083 | 23.094 | 0.069 |
| 2 | 4376 | 4377 | SN | 1 | -33.109 | 19.494 | 0.0 | -34.461 | 19.912 | 0.0 | -33.689 | 22.941 | 0.066 | -25.237 | 24.641 | 0.23 | 0.083 | 141.139 | 1.977 | 0.083 | 192.625 | 1.561 | 0.083 | 161.271 | 0.07 | 0.083 | 23.094 | 0.067 |
| 3 | 4376 | 4377 | SN | 1 | -33.109 | 19.494 | 0.0 | -34.461 | 19.912 | 0.0 | -33.689 | 22.941 | 0.066 | -25.237 | 24.641 | 0.23 | 0.083 | 141.139 | 1.897 | 0.083 | 192.625 | 1.485 | 0.083 | 161.271 | 0.069 | 0.083 | 23.094 | 0.067 |
| 4 | 4376 | 4377 | NS | 1 | -34.837 | 20.702 | 0.0 | -34.957 | 21.29 | 0.0 | 2.12 | 22.676 | 0.018 | 1.767 | 23.682 | 0.303 | 0.083 | 210.095 | 3.613 | 0.083 | 215.995 | 3.989 | 0.083 | 0.118 | 0.0 | 0.083 | 0.122 | 0.0 |
| 5 | 4376 | 4377 | NS | 1 | -34.837 | 20.702 | 0.0 | -34.957 | 21.29 | 0.0 | 2.12 | 22.676 | 0.018 | 1.767 | 23.682 | 0.304 | 0.083 | 210.095 | 3.612 | 0.083 | 215.995 | 3.987 | 0.083 | 0.118 | 0.0 | 0.083 | 0.122 | 0.0 |
| 6 | 4377 | 4378 | NS | 1 | -34.318 | 20.232 | 0.0 | -34.985 | 20.975 | 0.0 | -7.851 | 22.395 | 0.003 | -5.813 | 23.775 | 0.13 | 0.083 | 186.447 | 2.673 | 0.083 | 217.404 | 2.749 | 0.083 | 0.487 | 0.0 | 0.083 | 0.331 | 0.0 |
| 7 | 4377 | 4378 | SN | 1 | -34.475 | 18.891 | 0.0 | -33.532 | 19.769 | 0.0 | -8.389 | 22.704 | 0.034 | -13.134 | 23.767 | 0.345 | 0.083 | 193.239 | 2.454 | 0.083 | 155.586 | 1.964 | 0.083 | 0.542 | 0.0 | 0.083 | 1.484 | 0.005 |
| 8 | 4377 | 4378 | NS | 1 | -34.318 | 20.232 | 0.0 | -34.985 | 20.975 | 0.0 | -7.851 | 22.395 | 0.003 | -5.813 | 23.775 | 0.131 | 0.083 | 186.447 | 2.673 | 0.083 | 217.404 | 2.749 | 0.083 | 0.487 | 0.0 | 0.083 | 0.331 | 0.0 |
| 9 | 4377 | 4378 | SN | 1 | -34.475 | 18.891 | 0.0 | -33.532 | 19.769 | 0.0 | -8.389 | 22.704 | 0.033 | -13.134 | 23.767 | 0.337 | 0.083 | 193.239 | 2.503 | 0.083 | 155.586 | 1.986 | 0.083 | 0.542 | 0.0 | 0.083 | 1.484 | 0.005 |
| 10 | 4377 | 4378 | SN | 1 | -34.475 | 18.891 | 0.0 | -33.532 | 19.769 | 0.0 | -8.389 | 22.704 | 0.033 | -13.134 | 23.767 | 0.337 | 0.083 | 193.239 | 2.507 | 0.083 | 155.586 | 1.988 | 0.083 | 0.542 | 0.0 | 0.083 | 1.484 | 0.005 |
| 11 | 4378 | 4379 | SN | 1 | -34.994 | 18.156 | 0.0 | -34.851 | 18.974 | 0.0 | 2.135 | 21.974 | 0.0 | 2.217 | 23.029 | 0.241 | 0.083 | 217.872 | 2.37 | 0.083 | 210.727 | 2.085 | 0.083 | 0.118 | 0.0 | 0.083 | 0.117 | 0.0 |
| 12 | 4378 | 4379 | NS | 1 | -34.656 | 14.621 | 0.0 | -34.603 | 16.04 | 0.0 | -7.815 | 21.587 | 0.0 | -16.915 | 23.15 | 0.094 | 0.084 | 201.474 | 2.839 | 0.084 | 199.061 | 2.882 | 0.083 | 0.483 | 0.0 | 0.083 | 3.452 | 0.01 |
| 13 | 4378 | 4379 | NS | 1 | -34.656 | 14.621 | 0.0 | -34.603 | 16.04 | 0.0 | -7.815 | 21.587 | 0.0 | -16.915 | 23.15 | 0.094 | 0.084 | 201.474 | 2.839 | 0.084 | 199.061 | 2.882 | 0.083 | 0.483 | 0.0 | 0.083 | 3.452 | 0.01 |
| 14 | 4378 | 4379 | SN | 2 | -34.994 | 18.156 | 0.0 | -34.851 | 18.974 | 0.0 | 2.135 | 22.341 | 0.02 | 2.217 | 23.029 | 0.223 | 0.083 | 217.872 | 2.365 | 0.083 | 210.727 | 2.075 | 0.083 | 0.118 | 0.0 | 0.083 | 0.117 | 0.0 |
| 15 | 4378 | 4379 | SN | 1 | -34.994 | 18.156 | 0.0 | -34.851 | 18.974 | 0.0 | 2.135 | 22.341 | 0.02 | 2.217 | 23.029 | 0.222 | 0.083 | 217.872 | 2.409 | 0.083 | 210.727 | 2.072 | 0.083 | 0.118 | 0.0 | 0.083 | 0.117 | 0.0 |
| 16 | 4379 | 4380 | SN | 1 | -34.745 | 17.972 | 0.0 | -34.889 | 19.033 | 0.0 | 1.536 | 22.658 | 0.144 | 2.619 | 22.774 | 0.602 | 0.083 | 205.723 | 2.807 | 0.083 | 212.593 | 2.386 | 0.083 | 0.124 | 0.0 | 0.083 | 0.114 | 0.0 |
| 17 | 4379 | 4380 | SN | 1 | -34.824 | 17.972 | 0.0 | -34.776 | 19.031 | 0.0 | 1.536 | 22.658 | 0.144 | 2.619 | 22.774 | 0.622 | 0.083 | 209.473 | 2.867 | 0.083 | 207.188 | 2.42 | 0.083 | 0.124 | 0.0 | 0.083 | 0.114 | 0.0 |
| 18 | 4379 | 4380 | NS | 1 | -34.917 | 14.203 | 0.0 | -30.296 | 17.189 | 0.0 | -29.529 | 21.938 | 0.0 | -33.215 | 23.109 | 0.076 | 0.085 | 213.986 | 1.269 | 0.084 | 73.888 | 1.171 | 0.083 | 61.926 | 0.016 | 0.083 | 144.622 | 0.041 |
| 19 | 4379 | 4380 | NS | 1 | -34.015 | 14.203 | 0.0 | -30.369 | 17.187 | 0.0 | -29.357 | 21.938 | 0.0 | -33.265 | 23.109 | 0.076 | 0.085 | 173.896 | 1.267 | 0.084 | 75.119 | 1.17 | 0.083 | 59.531 | 0.016 | 0.083 | 146.317 | 0.041 |
| 20 | 4379 | 4380 | SN | 1 | -34.824 | 17.972 | 0.0 | -34.776 | 19.031 | 0.0 | 1.536 | 22.658 | 0.153 | 2.619 | 22.774 | 0.685 | 0.083 | 209.473 | 2.816 | 0.083 | 207.188 | 2.385 | 0.083 | 0.124 | 0.0 | 0.083 | 0.114 | 0.0 |
| 21 | 4380 | 4381 | NS | 2 | -34.646 | 14.57 | 0.0 | -34.605 | 15.517 | 0.0 | -34.776 | 22.849 | 0.019 | -26.876 | 23.207 | 0.062 | 0.084 | 201.084 | 3.303 | 0.084 | 199.156 | 2.978 | 0.083 | 207.183 | 0.069 | 0.083 | 33.645 | 0.024 |
| 22 | 4380 | 4381 | SN | 3 | -34.871 | 18.198 | 0.0 | -34.67 | 18.679 | 0.0 | 1.536 | 22.161 | 0.005 | 3.441 | 23.1 | 0.591 | 0.083 | 211.741 | 4.18 | 0.083 | 202.108 | 3.92 | 0.083 | 0.124 | 0.0 | 0.083 | 0.108 | 0.0 |
| 23 | 4380 | 4381 | SN | 1 | -34.997 | 18.196 | 0.0 | -34.9 | 18.679 | 0.0 | 1.535 | 22.161 | 0.005 | 3.441 | 23.1 | 0.591 | 0.083 | 218.008 | 4.18 | 0.083 | 213.135 | 3.928 | 0.083 | 0.124 | 0.0 | 0.083 | 0.108 | 0.0 |
| 24 | 4380 | 4381 | NS | 1 | -34.798 | 14.568 | 0.0 | -34.403 | 15.517 | 0.0 | -26.079 | 22.849 | 0.019 | -26.961 | 23.207 | 0.062 | 0.084 | 208.234 | 3.313 | 0.084 | 190.133 | 2.974 | 0.083 | 28.016 | 0.068 | 0.083 | 34.309 | 0.024 |
| 25 | 4381 | 4382 | SN | 1 | -34.461 | 17.679 | 0.0 | -34.481 | 18.659 | 0.0 | 1.592 | 22.879 | 0.066 | 4.799 | 23.167 | 0.084 | 0.083 | 192.674 | 3.797 | 0.083 | 193.527 | 3.578 | 0.083 | 0.123 | 0.0 | 0.083 | 0.101 | 0.0 |
| 26 | 4381 | 4382 | SN | 1 | -34.461 | 17.679 | 0.0 | -34.481 | 18.659 | 0.0 | 1.592 | 22.879 | 0.072 | 4.799 | 23.167 | 0.085 | 0.083 | 192.674 | 3.911 | 0.083 | 193.527 | 3.584 | 0.083 | 0.123 | 0.0 | 0.083 | 0.101 | 0.0 |
| 27 | 4381 | 4382 | NS | 1 | -33.842 | 18.553 | 0.0 | -34.841 | 18.592 | 0.0 | -28.048 | 22.608 | 0.039 | -28.786 | 23.413 | 0.282 | 0.083 | 167.083 | 3.026 | 0.083 | 210.26 | 2.84 | 0.083 | 44.063 | 0.123 | 0.083 | 52.209 | 0.065 |
| 28 | 4381 | 4382 | NS | 2 | -33.842 | 18.553 | 0.0 | -34.841 | 18.592 | 0.0 | -28.048 | 22.608 | 0.039 | -28.786 | 23.413 | 0.282 | 0.083 | 167.083 | 3.026 | 0.083 | 210.26 | 2.841 | 0.083 | 44.063 | 0.123 | 0.083 | 52.209 | 0.065 |
| 29 | 4381 | 4382 | SN | 1 | -34.461 | 17.242 | 0.0 | -34.481 | 17.392 | 0.0 | 1.592 | 22.879 | 0.069 | 6.728 | 23.167 | 0.077 | 0.084 | 192.674 | 3.799 | 0.084 | 193.527 | 3.584 | 0.083 | 0.123 | 0.0 | 0.083 | 0.094 | 0.0 |
| 30 | 4382 | 4383 | SN | 3 | -33.967 | 16.926 | 0.0 | -34.67 | 17.754 | 0.0 | -12.447 | 23.471 | 0.308 | -5.091 | 24.194 | 1.081 | 0.084 | 171.955 | 3.795 | 0.083 | 202.129 | 3.397 | 0.083 | 1.276 | 0.002 | 0.083 | 0.291 | 0.0 |
| 31 | 4382 | 4383 | SN | 1 | -34.085 | 16.931 | 0.0 | -34.823 | 17.754 | 0.0 | -12.47 | 23.471 | 0.313 | -5.116 | 24.195 | 0.973 | 0.084 | 176.714 | 3.799 | 0.083 | 209.408 | 3.43 | 0.083 | 1.283 | 0.002 | 0.083 | 0.292 | 0.0 |
| 32 | 4382 | 4383 | NS | 2 | -34.911 | 19.135 | 0.0 | -34.685 | 19.726 | 0.0 | 3.165 | 22.585 | 0.111 | 2.68 | 24.282 | 0.976 | 0.083 | 213.711 | 3.325 | 0.083 | 202.873 | 2.963 | 0.083 | 0.11 | 0.0 | 0.083 | 0.114 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 4382 | 4383 | SN | 1 | -34.085 | 16.931 | 0.0 | -34.823 | 17.754 | 0.0 | -12.47 | 23.471 | 0.328 | -5.116 | 24.195 | 1.083 | 0.084 | 176.714 | 3.808 | 0.083 | 209.408 | 3.189 | 0.083 | 1.283 | 0.002 | 0.083 | 0.292 | 0.0 |
| 34 | 4382 | 4383 | NS | 1 | -34.9 | 19.131 | 0.0 | -34.629 | 19.723 | 0.0 | 3.172 | 22.58 | 0.111 | 2.681 | 24.282 | 0.97 | 0.083 | 213.179 | 3.318 | 0.083 | 200.255 | 2.959 | 0.083 | 0.11 | 0.0 | 0.083 | 0.114 | 0.0 |
| 35 | 4383 | 4384 | NS | 1 | -34.861 | 19.389 | 0.0 | -34.945 | 19.669 | 0.0 | -5.304 | 22.893 | 0.069 | -2.51 | 24.039 | 0.944 | 0.083 | 211.251 | 4.968 | 0.083 | 215.4 | 4.155 | 0.083 | 0.302 | 0.0 | 0.083 | 0.194 | 0.0 |
| 36 | 4383 | 4384 | NS | 2 | -34.614 | 19.389 | 0.0 | -34.6 | 19.67 | 0.0 | -5.307 | 22.896 | 0.069 | -2.515 | 24.041 | 0.94 | 0.083 | 199.603 | 4.967 | 0.083 | 198.927 | 4.163 | 0.083 | 0.302 | 0.0 | 0.083 | 0.194 | 0.0 |
| 37 | 4383 | 4384 | SN | 1 | -34.256 | 19.386 | 0.0 | -34.942 | 19.845 | 0.0 | -7.071 | 23.145 | 0.144 | -17.609 | 24.093 | 1.002 | 0.083 | 183.802 | 1.691 | 0.083 | 215.205 | 1.98 | 0.083 | 0.418 | 0.0 | 0.083 | 4.041 | 0.002 |
| 38 | 4383 | 4384 | SN | 2 | -34.256 | 19.386 | 0.0 | -34.942 | 19.845 | 0.0 | -7.071 | 23.14 | 0.144 | -17.609 | 24.089 | 1.002 | 0.083 | 183.802 | 1.691 | 0.083 | 215.205 | 1.98 | 0.083 | 0.418 | 0.0 | 0.083 | 4.041 | 0.002 |
| 39 | 4384 | 4385 | NS | 1 | -33.993 | 17.665 | 0.0 | -34.83 | 18.855 | 0.0 | -24.766 | 22.186 | 0.004 | -33.358 | 24.444 | 2.002 | 0.083 | 172.992 | 2.56 | 0.083 | 209.792 | 1.802 | 0.083 | 20.726 | 0.25 | 0.083 | 149.485 | 0.165 |
| 40 | 4384 | 4385 | SN | 1 | -34.79 | 19.881 | 0.0 | -34.541 | 20.012 | 0.0 | -24.685 | 23.109 | 0.111 | -8.733 | 23.618 | 0.568 | 0.083 | 207.852 | 4.119 | 0.083 | 196.244 | 3.596 | 0.083 | 20.346 | 0.003 | 0.083 | 0.581 | 0.0 |
| 41 | 4385 | 4386 | SN | 1 | -34.976 | 20.829 | 0.0 | -34.032 | 22.242 | 0.001 | -23.987 | 22.836 | 0.144 | -31.588 | 23.881 | 0.357 | 0.083 | 217.499 | 4.022 | 0.083 | 174.575 | 3.59 | 0.083 | 17.334 | 0.076 | 0.083 | 99.455 | 0.082 |
| 42 | 4385 | 4386 | NS | 1 | -34.484 | 16.66 | 0.0 | -34.685 | 16.68 | 0.0 | -29.667 | 22.102 | 0.005 | -18.056 | 24.316 | 1.819 | 0.084 | 193.658 | 1.449 | 0.084 | 202.831 | 1.082 | 0.083 | 63.934 | 0.101 | 0.083 | 4.472 | 0.023 |
| 43 | 4386 | 4387 | SN | 1 | -34.765 | 21.573 | 0.0 | -34.898 | 21.94 | 0.0 | -23.655 | 22.863 | 0.071 | -21.927 | 23.646 | 0.286 | 0.083 | 206.634 | 5.77 | 0.083 | 213.115 | 5.498 | 0.083 | 16.064 | 0.032 | 0.083 | 10.809 | 0.009 |
| 44 | 4386 | 4387 | NS | 1 | -34.821 | 16.33 | 0.0 | -34.758 | 16.791 | 0.0 | -20.183 | 22.059 | 0.011 | -14.365 | 24.386 | 1.791 | 0.084 | 209.346 | 3.03 | 0.084 | 206.273 | 2.748 | 0.083 | 7.258 | 0.025 | 0.083 | 1.948 | 0.003 |
| 45 | 4387 | 4388 | NS | 1 | -34.713 | 17.599 | 0.0 | -34.86 | 17.747 | 0.0 | -8.799 | 22.413 | 0.029 | -7.535 | 24.175 | 2.014 | 0.083 | 204.185 | 3.828 | 0.083 | 214.436 | 3.464 | 0.083 | 0.589 | 0.0 | 0.083 | 0.458 | 0.0 |
| 46 | 4387 | 4388 | SN | 2 | -34.905 | 16.2 | 0.0 | -34.374 | 15.155 | 0.0 | -14.562 | 23.657 | 0.115 | -12.332 | 23.801 | 0.384 | 0.084 | 213.418 | 4.133 | 0.084 | 188.82 | 3.588 | 0.083 | 2.036 | 0.007 | 0.083 | 1.244 | 0.002 |
| 47 | 4387 | 4388 | NS | 1 | -34.713 | 17.599 | 0.0 | -34.86 | 17.747 | 0.0 | -8.799 | 22.413 | 0.036 | -7.535 | 24.175 | 2.452 | 0.083 | 204.185 | 3.837 | 0.083 | 214.436 | 3.464 | 0.083 | 0.589 | 0.0 | 0.083 | 0.458 | 0.0 |
| 48 | 4388 | 4389 | NS | 1 | -34.979 | 16.589 | 0.0 | -34.877 | 17.644 | 0.0 | 1.957 | 22.235 | 0.075 | 2.132 | 24.426 | 3.037 | 0.084 | 217.086 | 2.185 | 0.083 | 212.01 | 2.132 | 0.083 | 0.12 | 0.0 | 0.083 | 0.118 | 0.0 |
| 49 | 4388 | 4389 | NS | 1 | -34.979 | 16.661 | 0.0 | -34.877 | 17.644 | 0.0 | 1.645 | 22.441 | 0.047 | 2.132 | 24.424 | 2.28 | 0.084 | 217.086 | 2.176 | 0.083 | 212.01 | 2.132 | 0.083 | 0.123 | 0.0 | 0.083 | 0.118 | 0.0 |
| 50 | 4388 | 4389 | SN | 1 | -33.905 | 14.245 | 0.0 | -33.463 | 17.622 | 0.0 | -14.497 | 23.244 | 0.234 | -24.374 | 23.575 | 0.7 | 0.085 | 169.547 | 1.601 | 0.083 | 153.138 | 1.316 | 0.083 | 2.007 | 0.013 | 0.083 | 18.946 | 0.018 |
| 51 | 4389 | 4390 | NS | 1 | -34.717 | 12.472 | 0.0 | -34.99 | 18.598 | 0.0 | 2.141 | 21.863 | 0.0 | 2.865 | 21.712 | 0.0 | 0.086 | 204.372 | 3.412 | 0.083 | 217.633 | 3.029 | 0.083 | 0.118 | 0.0 | 0.083 | 0.112 | 0.0 |
| 52 | 4390 | 4391 | SN | 1 | -34.857 | 18.95 | 0.0 | -34.9 | 19.434 | 0.0 | -31.477 | 23.491 | 0.207 | -18.548 | 23.781 | 0.238 | 0.083 | 211.052 | 2.069 | 0.083 | 213.121 | 1.777 | 0.083 | 96.925 | 0.016 | 0.083 | 5.0 | 0.014 |
| 53 | 4390 | 4391 | SN | 1 | -34.857 | 18.95 | 0.0 | -34.9 | 19.434 | 0.0 | -31.477 | 23.491 | 0.21 | -18.548 | 23.781 | 0.23 | 0.083 | 211.052 | 1.989 | 0.083 | 213.121 | 1.596 | 0.083 | 96.925 | 0.016 | 0.083 | 5.0 | 0.014 |
| 54 | 4390 | 4391 | SN | 1 | -34.857 | 18.95 | 0.0 | -34.9 | 19.434 | 0.0 | -31.477 | 23.491 | 0.209 | -18.548 | 23.781 | 0.257 | 0.083 | 211.052 | 1.986 | 0.083 | 213.121 | 1.595 | 0.083 | 96.925 | 0.016 | 0.083 | 5.0 | 0.014 |
| 55 | 4391 | 4392 | NS | 1 | -33.44 | 20.517 | 0.0 | -34.623 | 22.276 | 0.001 | -8.013 | 22.283 | 0.002 | -5.902 | 28.159 | 0.187 | 0.083 | 152.317 | 2.169 | 0.083 | 199.978 | 2.243 | 0.083 | 0.503 | 0.0 | 0.083 | 0.336 | 0.0 |
| 56 | 4391 | 4392 | SN | 1 | -34.883 | 18.555 | 0.0 | -34.878 | 20.076 | 0.0 | -25.944 | 22.684 | 0.038 | -25.5 | 24.014 | 0.272 | 0.083 | 212.316 | 2.806 | 0.083 | 212.127 | 2.078 | 0.083 | 27.163 | 0.014 | 0.083 | 24.532 | 0.019 |
| 57 | 4391 | 4392 | SN | 1 | -34.883 | 18.555 | 0.0 | -34.878 | 20.076 | 0.0 | -25.944 | 22.684 | 0.039 | -25.5 | 24.014 | 0.277 | 0.083 | 212.316 | 2.721 | 0.083 | 212.127 | 2.036 | 0.083 | 27.163 | 0.015 | 0.083 | 24.532 | 0.02 |
| 58 | 4391 | 4392 | SN | 1 | -34.883 | 18.555 | 0.0 | -34.878 | 20.076 | 0.0 | -25.944 | 22.684 | 0.038 | -25.5 | 24.014 | 0.272 | 0.083 | 212.316 | 2.721 | 0.083 | 212.127 | 2.029 | 0.083 | 27.163 | 0.014 | 0.083 | 24.532 | 0.019 |
| 59 | 4392 | 4393 | SN | 1 | -33.18 | 17.829 | 0.0 | -34.606 | 18.54 | 0.0 | -26.628 | 23.778 | 0.271 | -23.141 | 23.83 | 0.85 | 0.083 | 143.462 | 1.583 | 0.083 | 199.187 | 1.2 | 0.083 | 31.785 | 0.062 | 0.083 | 14.277 | 0.088 |
| 60 | 4392 | 4393 | SN | 1 | -33.18 | 17.829 | 0.0 | -34.606 | 18.54 | 0.0 | -26.628 | 23.778 | 0.284 | -23.141 | 23.83 | 0.883 | 0.083 | 143.462 | 1.57 | 0.083 | 199.187 | 1.203 | 0.083 | 31.785 | 0.065 | 0.083 | 14.277 | 0.091 |
| 61 | 4392 | 4393 | NS | 1 | -32.802 | 16.171 | 0.0 | -34.629 | 15.377 | 0.0 | -10.915 | 22.025 | 0.002 | -23.223 | 23.095 | 0.128 | 0.084 | 131.526 | 1.203 | 0.084 | 200.275 | 1.256 | 0.083 | 0.916 | 0.0 | 0.083 | 14.55 | 0.016 |
| 62 | 4392 | 4393 | NS | 2 | -32.802 | 16.171 | 0.0 | -34.629 | 15.377 | 0.0 | -10.915 | 22.025 | 0.002 | -23.223 | 23.095 | 0.128 | 0.084 | 131.526 | 1.203 | 0.084 | 200.275 | 1.256 | 0.083 | 0.916 | 0.0 | 0.083 | 14.55 | 0.016 |
| 63 | 4392 | 4393 | SN | 1 | -33.18 | 17.829 | 0.0 | -34.606 | 18.54 | 0.0 | -26.628 | 23.778 | 0.271 | -23.141 | 23.83 | 0.85 | 0.083 | 143.462 | 1.581 | 0.083 | 199.187 | 1.199 | 0.083 | 31.785 | 0.062 | 0.083 | 14.277 | 0.088 |
| 64 | 4393 | 4394 | SN | 2 | -34.973 | 17.809 | 0.0 | -34.567 | 18.753 | 0.0 | 1.838 | 22.676 | 0.034 | 2.01 | 23.502 | 0.244 | 0.083 | 216.728 | 2.673 | 0.083 | 197.472 | 2.478 | 0.083 | 0.121 | 0.0 | 0.083 | 0.119 | 0.0 |
| 65 | 4393 | 4394 | SN | 1 | -34.656 | 17.809 | 0.0 | -34.567 | 18.753 | 0.0 | 1.838 | 22.676 | 0.035 | 2.01 | 23.502 | 0.247 | 0.083 | 201.519 | 2.695 | 0.083 | 197.472 | 2.509 | 0.083 | 0.121 | 0.0 | 0.083 | 0.119 | 0.0 |
| 66 | 4393 | 4394 | SN | 1 | -34.973 | 17.809 | 0.0 | -34.567 | 18.753 | 0.0 | 1.838 | 22.676 | 0.025 | 2.01 | 23.502 | 0.276 | 0.083 | 216.728 | 2.68 | 0.083 | 197.472 | 2.482 | 0.083 | 0.121 | 0.0 | 0.083 | 0.119 | 0.0 |
| 67 | 4393 | 4394 | NS | 1 | -34.267 | 13.158 | 0.0 | -34.75 | 16.197 | 0.0 | -33.506 | 21.582 | 0.0 | -23.287 | 23.029 | 0.098 | 0.085 | 184.298 | 1.137 | 0.084 | 205.952 | 1.03 | 0.083 | 154.663 | 0.195 | 0.083 | 14.76 | 0.154 |
| 68 | 4394 | 4395 | SN | 1 | -34.962 | 18.38 | 0.0 | -34.994 | 19.191 | 0.0 | 1.454 | 22.119 | 0.012 | 3.018 | 23.0 | 0.755 | 0.083 | 216.212 | 3.084 | 0.083 | 217.813 | 2.79 | 0.083 | 0.125 | 0.0 | 0.083 | 0.111 | 0.0 |
| 69 | 4394 | 4395 | SN | 1 | -34.956 | 18.379 | 0.0 | -34.733 | 19.191 | 0.0 | 1.454 | 22.119 | 0.012 | 3.018 | 23.0 | 0.803 | 0.083 | 215.905 | 3.102 | 0.083 | 205.134 | 2.678 | 0.083 | 0.125 | 0.0 | 0.083 | 0.111 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 70 | 4394 | 4395 | SN | 1 | -34.956 | 18.379 | 0.0 | -34.733 | 19.191 | 0.0 | 1.454 | 22.119 | 0.013 | 3.018 | 23.0 | 0.782 | 0.083 | 215.905 | 3.096 | 0.083 | 205.134 | 2.78 | 0.083 | 0.125 | 0.0 | 0.083 | 0.111 | 0.0 |
| 71 | 4394 | 4395 | NS | 1 | -34.626 | 12.992 | 0.0 | -34.911 | 15.39 | 0.0 | -12.546 | 22.443 | 0.011 | -6.743 | 22.862 | 0.095 | 0.085 | 200.113 | 5.051 | 0.084 | 213.699 | 4.82 | 0.083 | 1.304 | 0.003 | 0.083 | 0.393 | 0.0 |
| 72 | 4394 | 4395 | NS | 2 | -34.984 | 12.992 | 0.0 | -34.325 | 15.391 | 0.0 | -12.546 | 22.444 | 0.011 | -6.743 | 22.862 | 0.095 | 0.085 | 217.263 | 5.049 | 0.084 | 186.711 | 4.827 | 0.083 | 1.304 | 0.003 | 0.083 | 0.393 | 0.0 |
| 73 | 4395 | 4396 | SN | 1 | -34.86 | 18.827 | 0.0 | -34.179 | 18.741 | 0.0 | 0.628 | 22.02 | 0.005 | 2.879 | 22.986 | 0.229 | 0.083 | 211.227 | 2.636 | 0.083 | 180.589 | 2.709 | 0.083 | 0.134 | 0.0 | 0.083 | 0.112 | 0.0 |
| 74 | 4395 | 4396 | NS | 1 | -34.81 | 14.916 | 0.0 | -34.974 | 15.266 | 0.0 | -10.261 | 22.444 | 0.004 | -16.124 | 23.074 | 0.133 | 0.084 | 208.764 | 4.574 | 0.084 | 216.836 | 3.895 | 0.083 | 0.798 | 0.0 | 0.083 | 2.889 | 0.014 |
| 75 | 4395 | 4396 | NS | 2 | -34.951 | 14.916 | 0.0 | -34.595 | 15.268 | 0.0 | -10.262 | 22.443 | 0.004 | -16.164 | 23.074 | 0.133 | 0.084 | 215.643 | 4.583 | 0.084 | 198.71 | 3.896 | 0.083 | 0.798 | 0.0 | 0.083 | 2.915 | 0.014 |
| 76 | 4395 | 4396 | SN | 1 | -34.86 | 18.827 | 0.0 | -34.179 | 18.741 | 0.0 | 0.628 | 22.02 | 0.005 | 4.923 | 21.847 | 0.0 | 0.083 | 211.227 | 2.613 | 0.083 | 180.589 | 3.025 | 0.083 | 0.134 | 0.0 | 0.083 | 0.101 | 0.0 |
| 77 | 4395 | 4396 | SN | 1 | -34.988 | 18.827 | 0.0 | -34.957 | 18.741 | 0.0 | 0.631 | 22.019 | 0.004 | 2.878 | 22.986 | 0.224 | 0.083 | 217.544 | 2.618 | 0.083 | 216.006 | 3.038 | 0.083 | 0.134 | 0.0 | 0.083 | 0.112 | 0.0 |
| 78 | 4396 | 4397 | NS | 2 | -34.127 | 18.818 | 0.0 | -34.085 | 19.324 | 0.0 | -26.477 | 22.461 | 0.066 | -31.736 | 23.615 | 0.617 | 0.083 | 178.366 | 3.898 | 0.083 | 176.685 | 3.213 | 0.083 | 30.699 | 0.103 | 0.083 | 102.917 | 0.116 |
| 79 | 4396 | 4397 | SN | 1 | -34.951 | 17.751 | 0.0 | -34.96 | 18.136 | 0.0 | -0.654 | 23.62 | 0.337 | 2.79 | 23.881 | 0.716 | 0.083 | 215.654 | 6.479 | 0.083 | 216.142 | 6.302 | 0.083 | 0.153 | 0.0 | 0.083 | 0.113 | 0.0 |
| 80 | 4396 | 4397 | SN | 3 | -34.951 | 17.751 | 0.0 | -34.96 | 18.136 | 0.0 | -0.654 | 23.62 | 0.328 | 2.79 | 23.881 | 0.763 | 0.083 | 215.654 | 6.475 | 0.083 | 216.142 | 6.261 | 0.083 | 0.153 | 0.0 | 0.083 | 0.113 | 0.0 |
| 81 | 4396 | 4397 | SN | 1 | -34.951 | 17.751 | 0.0 | -34.96 | 18.136 | 0.0 | -0.654 | 23.62 | 0.35 | 2.79 | 23.881 | 0.763 | 0.083 | 215.654 | 6.563 | 0.083 | 216.142 | 5.658 | 0.083 | 0.153 | 0.0 | 0.083 | 0.113 | 0.0 |
| 82 | 4396 | 4397 | NS | 1 | -34.127 | 18.818 | 0.0 | -34.085 | 19.324 | 0.0 | -26.477 | 22.461 | 0.066 | -31.736 | 23.615 | 0.617 | 0.083 | 178.366 | 3.898 | 0.083 | 176.685 | 3.213 | 0.083 | 30.699 | 0.103 | 0.083 | 102.917 | 0.116 |
| 83 | 4397 | 4398 | SN | 1 | -34.694 | 20.54 | 0.0 | -34.826 | 19.641 | 0.0 | -18.52 | 23.615 | 0.336 | -9.928 | 24.542 | 1.362 | 0.083 | 203.304 | 2.806 | 0.083 | 209.558 | 3.121 | 0.083 | 4.968 | 0.002 | 0.083 | 0.744 | 0.0 |
| 84 | 4397 | 4398 | NS | 1 | -34.994 | 18.951 | 0.0 | -34.552 | 19.449 | 0.0 | -0.584 | 22.322 | 0.028 | -1.267 | 23.663 | 0.693 | 0.083 | 217.829 | 4.406 | 0.083 | 196.775 | 3.493 | 0.083 | 0.152 | 0.0 | 0.083 | 0.165 | 0.0 |
| 85 | 4397 | 4398 | SN | 1 | -34.905 | 20.54 | 0.0 | -34.826 | 19.641 | 0.0 | -18.52 | 23.615 | 0.32 | -9.928 | 24.542 | 1.061 | 0.083 | 213.364 | 3.716 | 0.083 | 209.558 | 4.809 | 0.083 | 4.968 | 0.002 | 0.083 | 0.744 | 0.0 |
| 86 | 4397 | 4398 | SN | 2 | -34.905 | 20.54 | 0.0 | -34.826 | 19.641 | 0.0 | -18.52 | 23.615 | 0.314 | -9.928 | 24.542 | 1.366 | 0.083 | 213.364 | 3.705 | 0.083 | 209.558 | 4.759 | 0.083 | 4.968 | 0.001 | 0.083 | 0.744 | 0.0 |
| 87 | 4397 | 4398 | NS | 1 | -34.994 | 18.951 | 0.0 | -34.552 | 19.449 | 0.0 | -0.584 | 22.322 | 0.028 | -1.267 | 23.663 | 0.696 | 0.083 | 217.829 | 4.409 | 0.083 | 196.775 | 3.493 | 0.083 | 0.152 | 0.0 | 0.083 | 0.165 | 0.0 |
| 88 | 4398 | 4399 | NS | 1 | -34.965 | 17.605 | 0.0 | -34.793 | 18.843 | 0.0 | -1.307 | 22.402 | 0.008 | -1.364 | 24.875 | 1.37 | 0.083 | 216.397 | 4.245 | 0.083 | 207.968 | 3.165 | 0.083 | 0.165 | 0.0 | 0.083 | 0.167 | 0.0 |
| 89 | 4398 | 4399 | SN | 2 | -34.727 | 19.601 | 0.0 | -34.994 | 19.81 | 0.0 | -25.264 | 23.082 | 0.131 | -11.466 | 24.123 | 0.795 | 0.083 | 204.811 | 4.066 | 0.083 | 217.849 | 3.922 | 0.083 | 23.238 | 0.039 | 0.083 | 1.032 | 0.002 |
| 90 | 4398 | 4399 | NS | 1 | -34.965 | 17.605 | 0.0 | -34.793 | 18.843 | 0.0 | -1.307 | 22.402 | 0.008 | -1.364 | 24.875 | 1.369 | 0.083 | 216.397 | 4.244 | 0.083 | 207.968 | 3.161 | 0.083 | 0.165 | 0.0 | 0.083 | 0.167 | 0.0 |
| 91 | 4398 | 4399 | SN | 1 | -34.727 | 19.601 | 0.0 | -34.994 | 19.81 | 0.0 | -25.264 | 23.082 | 0.131 | -11.466 | 24.123 | 0.795 | 0.083 | 204.811 | 4.066 | 0.083 | 217.849 | 3.922 | 0.083 | 23.238 | 0.039 | 0.083 | 1.032 | 0.002 |
| 92 | 4399 | 4400 | NS | 1 | -34.909 | 17.653 | 0.0 | -33.751 | 19.1 | 0.0 | -16.93 | 21.833 | 0.0 | -14.292 | 24.151 | 2.121 | 0.083 | 213.596 | 2.175 | 0.083 | 163.609 | 1.777 | 0.083 | 3.464 | 0.026 | 0.083 | 1.917 | 0.003 |
| 93 | 4399 | 4400 | NS | 1 | -34.909 | 17.653 | 0.0 | -33.751 | 19.1 | 0.0 | -16.93 | 21.833 | 0.0 | -14.292 | 24.151 | 2.121 | 0.083 | 213.596 | 2.185 | 0.083 | 163.609 | 1.776 | 0.083 | 3.464 | 0.026 | 0.083 | 1.917 | 0.003 |
| 94 | 4399 | 4400 | SN | 1 | -34.933 | 20.981 | 0.0 | -34.484 | 21.68 | 0.0 | -4.953 | 23.009 | 0.132 | -1.765 | 23.778 | 0.307 | 0.083 | 214.742 | 3.71 | 0.083 | 193.704 | 3.322 | 0.083 | 0.284 | 0.0 | 0.083 | 0.175 | 0.0 |
| 95 | 4400 | 4401 | SN | 1 | -34.663 | 20.794 | 0.0 | -34.824 | 22.557 | 0.003 | -34.221 | 23.682 | 0.118 | -20.762 | 24.095 | 0.29 | 0.083 | 201.88 | 3.815 | 0.083 | 209.475 | 3.442 | 0.083 | 182.339 | 0.146 | 0.083 | 8.28 | 0.046 |
| 96 | 4400 | 4401 | NS | 1 | -34.393 | 15.775 | 0.0 | -34.292 | 16.808 | 0.0 | -18.545 | 22.324 | 0.008 | -17.536 | 24.452 | 1.696 | 0.084 | 189.636 | 1.476 | 0.084 | 185.35 | 1.456 | 0.083 | 4.996 | 0.022 | 0.083 | 3.974 | 0.014 |
| 97 | 4400 | 4401 | NS | 1 | -34.393 | 15.775 | 0.0 | -34.292 | 16.808 | 0.0 | -18.545 | 22.324 | 0.008 | -17.536 | 24.452 | 1.696 | 0.084 | 189.636 | 1.479 | 0.084 | 185.35 | 1.458 | 0.083 | 4.996 | 0.022 | 0.083 | 3.974 | 0.014 |
| 98 | 4400 | 4401 | SN | 2 | -34.635 | 20.794 | 0.0 | -34.931 | 22.556 | 0.003 | -33.285 | 23.682 | 0.118 | -20.768 | 24.095 | 0.29 | 0.083 | 200.596 | 3.815 | 0.083 | 214.681 | 3.443 | 0.083 | 146.997 | 0.147 | 0.083 | 8.294 | 0.046 |
| 99 | 4401 | 4402 | NS | 2 | -34.86 | 16.231 | 0.0 | -33.755 | 18.014 | 0.0 | -21.67 | 22.455 | 0.057 | -19.478 | 24.078 | 2.103 | 0.084 | 211.214 | 2.365 | 0.083 | 163.805 | 2.182 | 0.083 | 10.192 | 0.024 | 0.083 | 6.179 | 0.014 |
| 100 | 4401 | 4402 | NS | 1 | -34.86 | 16.231 | 0.0 | -33.755 | 18.014 | 0.0 | -21.67 | 22.455 | 0.063 | -19.478 | 24.078 | 2.321 | 0.084 | 211.214 | 2.37 | 0.083 | 163.805 | 2.182 | 0.083 | 10.192 | 0.026 | 0.083 | 6.179 | 0.016 |
| 101 | 4401 | 4402 | NS | 1 | -34.752 | 16.233 | 0.0 | -34.665 | 18.014 | 0.0 | -21.607 | 22.455 | 0.057 | -19.498 | 24.078 | 2.103 | 0.084 | 205.974 | 2.365 | 0.083 | 201.922 | 2.183 | 0.083 | 10.046 | 0.024 | 0.083 | 6.208 | 0.014 |
| 102 | 4401 | 4402 | SN | 4 | -33.421 | 16.883 | 0.0 | -34.753 | 15.47 | 0.0 | -21.961 | 23.204 | 0.099 | -17.73 | 27.234 | 0.27 | 0.084 | 151.653 | 2.682 | 0.084 | 206.068 | 2.125 | 0.083 | 10.894 | 0.021 | 0.083 | 4.153 | 0.019 |
| 103 | 4401 | 4402 | SN | 3 | -34.888 | 16.881 | 0.0 | -34.841 | 15.469 | 0.0 | -22.031 | 23.204 | 0.099 | -17.759 | 27.224 | 0.27 | 0.084 | 212.576 | 2.688 | 0.084 | 210.283 | 2.129 | 0.083 | 11.068 | 0.021 | 0.083 | 4.18 | 0.019 |
| 104 | 4402 | 4403 | NS | 1 | -34.786 | 16.371 | 0.0 | -34.544 | 17.746 | 0.0 | -16.304 | 22.057 | 0.01 | -18.016 | 23.778 | 3.02 | 0.084 | 207.609 | 2.537 | 0.083 | 196.396 | 2.763 | 0.083 | 3.008 | 0.05 | 0.083 | 4.431 | 0.024 |
| 105 | 4402 | 4403 | SN | 3 | -33.927 | 15.079 | 0.0 | -34.786 | 14.417 | 0.0 | -29.289 | 22.916 | 0.12 | -16.692 | 23.332 | 0.377 | 0.084 | 170.36 | 1.924 | 0.084 | 207.583 | 1.769 | 0.083 | 58.61 | 0.082 | 0.083 | 3.284 | 0.013 |
| 106 | 4402 | 4403 | NS | 2 | -34.786 | 16.371 | 0.0 | -34.544 | 17.746 | 0.0 | -16.304 | 22.057 | 0.006 | -18.016 | 23.778 | 2.185 | 0.084 | 207.609 | 2.529 | 0.083 | 196.396 | 2.763 | 0.083 | 3.008 | 0.031 | 0.083 | 4.431 | 0.017 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|
| 107 | 4402 | 4403 | NS | 1 | -34.052 | 16.371 | 0.0 | -34.637 | 17.744 | 0.0 | -16.302 | 22.059 | 0.006 | -17.994 | 23.776 | 2.189 | 0.084 | 175.371 | 2.526 | 0.083 | 200.648 | 2.764 | 0.083 | 3.007 | 0.031 | 0.083 | 4.409 | 0.017 |
| 108 | 4402 | 4403 | SN | 1 | -33.474 | 15.074 | 0.0 | -34.902 | 14.418 | 0.0 | -30.411 | 22.916 | 0.119 | -16.55 | 23.334 | 0.378 | 0.084 | 153.49 | 1.927 | 0.084 | 213.202 | 1.763 | 0.083 | 75.867 | 0.082 | 0.083 | 3.18 | 0.013 |
| 109 | 4403 | 4404 | SN | 1 | -34.905 | 13.481 | 0.0 | -34.892 | 13.117 | 0.0 | -2.326 | 22.82 | 0.296 | -0.291 | 22.992 | 0.48 | 0.085 | 213.365 | 2.526 | 0.085 | 212.799 | 2.074 | 0.083 | 0.189 | 0.0 | 0.083 | 0.147 | 0.0 |
| 110 | 4403 | 4404 | NS | 1 | -34.266 | 14.985 | 0.0 | -34.623 | 20.551 | 0.0 | 5.585 | 22.246 | 0.02 | 3.096 | 23.796 | 0.793 | 0.084 | 184.205 | 2.709 | 0.083 | 200.001 | 2.143 | 0.083 | 0.098 | 0.0 | 0.083 | 0.111 | 0.0 |
| 111 | 4403 | 4404 | NS | 1 | -34.266 | 18.838 | 0.0 | -34.623 | 20.551 | 0.0 | 2.604 | 22.822 | 0.195 | 3.096 | 23.853 | 2.191 | 0.083 | 184.205 | 2.673 | 0.083 | 200.001 | 2.143 | 0.083 | 0.114 | 0.0 | 0.083 | 0.111 | 0.0 |
| 112 | 4403 | 4404 | NS | 2 | -34.266 | 18.838 | 0.0 | -34.623 | 20.551 | 0.0 | 2.604 | 22.822 | 0.195 | 3.096 | 23.853 | 2.191 | 0.083 | 184.205 | 2.673 | 0.083 | 200.001 | 2.143 | 0.083 | 0.114 | 0.0 | 0.083 | 0.111 | 0.0 |
| 113 | 4404 | 4405 | NS | 1 | -34.75 | 16.046 | 0.0 | -34.875 | 20.244 | 0.0 | 3.087 | 19.627 | 0.0 | 1.493 | 22.604 | 0.01 | 0.084 | 205.939 | 4.292 | 0.083 | 211.982 | 3.874 | 0.083 | 0.111 | 0.0 | 0.083 | 0.124 | 0.0 |
| 114 | 4404 | 4405 | NS | 1 | -34.75 | 17.635 | 0.0 | -34.875 | 20.244 | 0.0 | 2.626 | 23.235 | 0.644 | 1.493 | 24.095 | 1.583 | 0.083 | 205.939 | 4.172 | 0.083 | 211.982 | 3.871 | 0.083 | 0.114 | 0.0 | 0.083 | 0.124 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors