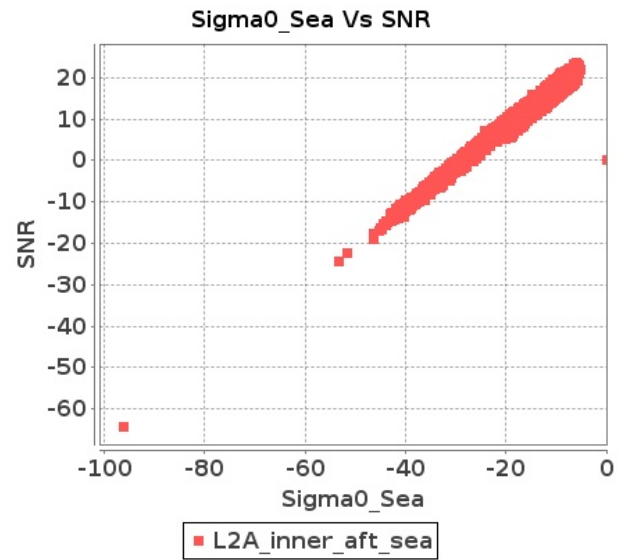


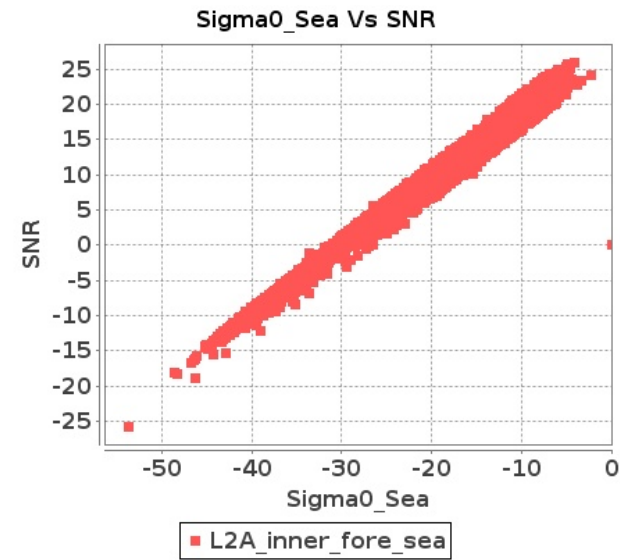
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-JAN-2018 To 08-JAN-2018

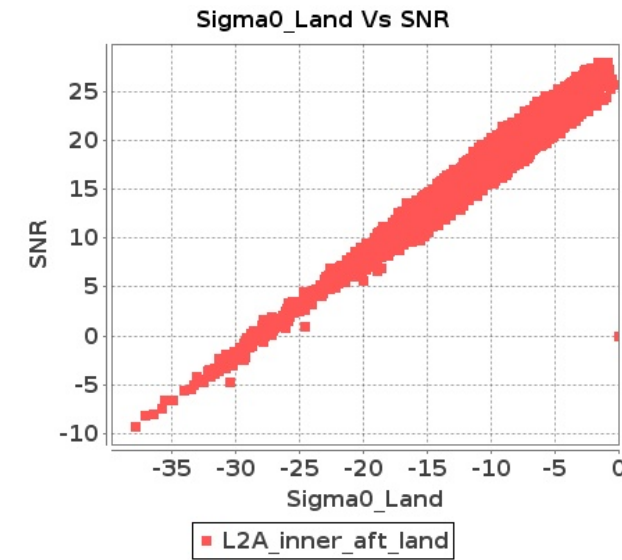
### Inner Sea Aft Sigma0VsSNR



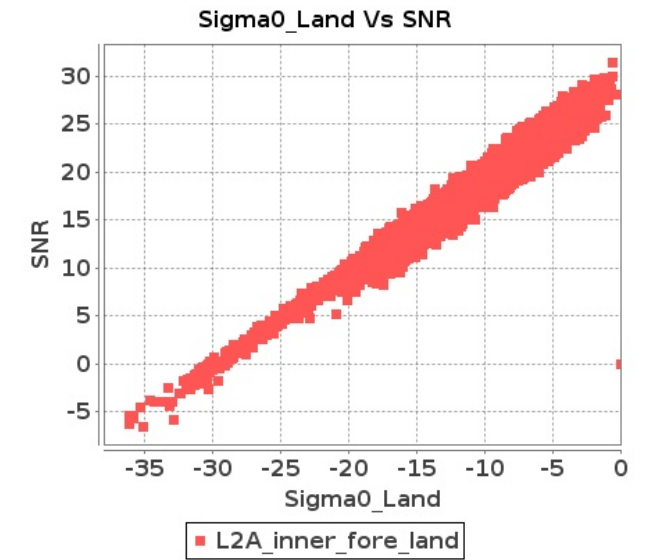
### Inner Sea Fore Sigma0VsSNR



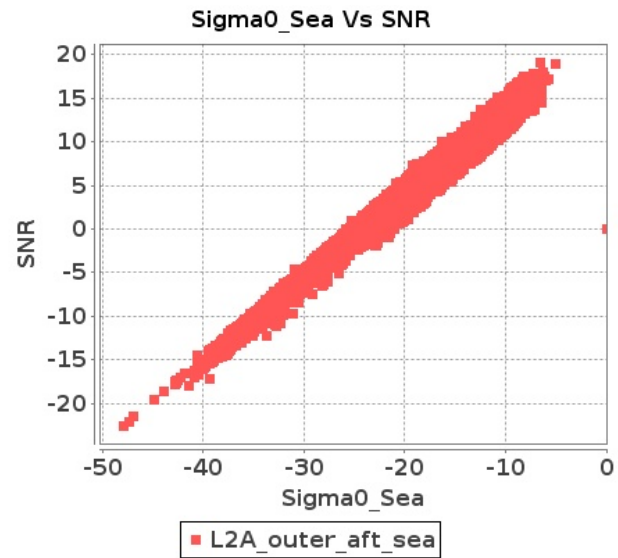
### Inner Land Aft Sigma0VsSNR



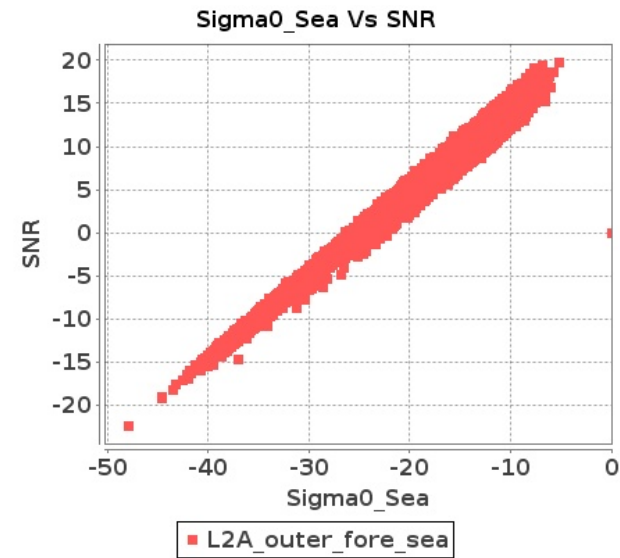
### Inner Land Fore Sigma0VsSNR



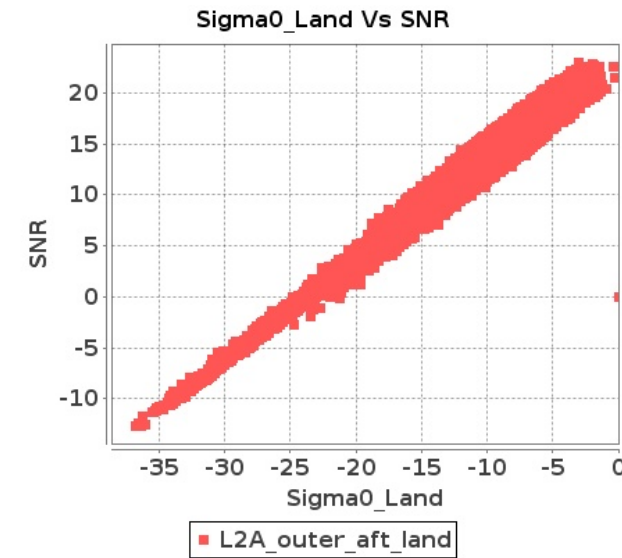
### Outer Sea Aft Sigma0VsSNR



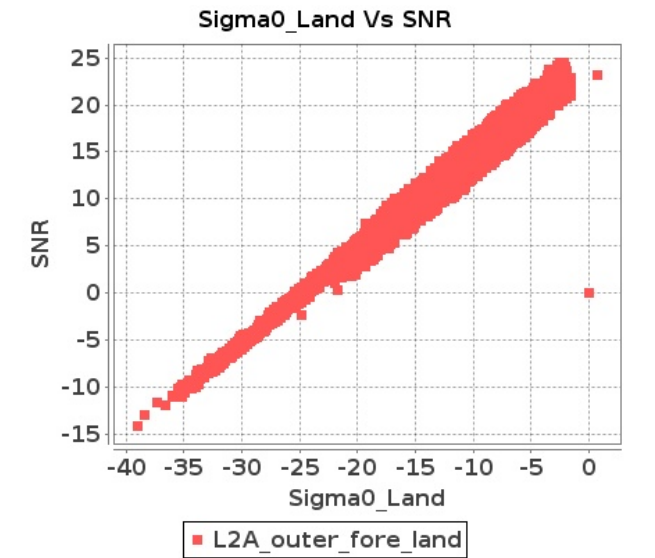
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-JAN-2018 To 08-JAN-2018

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR       |        |            |            |        |            |           |        |            |            |        |            | Sigma0    |        |            |            |        |            |           |        |            |            |        |            |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
|       |             |           |      |      | Inner Aft |        |            | Inner Fore |        |            | Outer Aft |        |            | Outer Fore |        |            | Inner Aft |        |            | Inner Fore |        |            | Outer Aft |        |            | Outer Fore |        |            |
|       |             |           |      |      | 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     | 6782        | 6783      | SN   | 1    | 0.0       | 42.64  | 0.969      | 0.0        | 41.882 | 0.849      | 0.0       | 37.686 | 0.806      | 0.0        | 41.645 | 0.689      | 0.0       | 39.033 | 0.794      | 0.0        | 40.342 | 0.705      | 0.0       | 35.785 | 0.642      | 0.0        | 41.32  | 0.568      |
| 2     | 6782        | 6783      | SN   | 1    | 0.0       | 47.787 | 3.349      | 0.0        | 44.017 | 2.921      | 0.0       | 41.064 | 2.447      | 0.0        | 44.36  | 2.318      | 0.0       | 47.98  | 2.801      | 0.0        | 44.689 | 2.392      | 0.0       | 40.77  | 2.191      | 0.0        | 43.646 | 2.04       |
| 3     | 6782        | 6783      | SN   | 1    | 0.0       | 42.64  | 0.907      | 0.0        | 41.882 | 0.797      | 0.0       | 37.686 | 0.762      | 0.0        | 41.645 | 0.642      | 0.0       | 39.033 | 0.739      | 0.0        | 40.342 | 0.654      | 0.0       | 35.785 | 0.602      | 0.0        | 41.32  | 0.528      |
| 4     | 6782        | 6783      | SN   | 1    | 0.0       | 47.787 | 3.575      | 0.0        | 44.017 | 3.09       | 0.0       | 41.064 | 2.591      | 0.0        | 44.36  | 2.444      | 0.0       | 47.98  | 2.995      | 0.0        | 44.689 | 2.531      | 0.0       | 40.77  | 2.346      | 0.0        | 43.646 | 2.175      |
| 5     | 6782        | 6783      | SN   | 1    | 0.0       | 47.787 | 3.349      | 0.0        | 44.017 | 2.921      | 0.0       | 41.064 | 2.447      | 0.0        | 44.36  | 2.318      | 0.0       | 47.98  | 2.801      | 0.0        | 44.689 | 2.392      | 0.0       | 40.77  | 2.191      | 0.0        | 43.646 | 2.04       |
| 6     | 6782        | 6783      | SN   | 1    | 0.0       | 42.64  | 0.907      | 0.0        | 41.882 | 0.797      | 0.0       | 37.686 | 0.762      | 0.0        | 41.645 | 0.642      | 0.0       | 39.033 | 0.739      | 0.0        | 40.342 | 0.654      | 0.0       | 35.785 | 0.602      | 0.0        | 41.32  | 0.528      |
| 7     | 6783        | 6784      | SN   | 1    | 0.0       | 51.354 | 5.907      | 0.0        | 57.36  | 4.977      | 0.0       | 45.001 | 3.884      | 0.0        | 47.615 | 3.644      | 0.0       | 53.884 | 5.441      | 0.0        | 61.052 | 4.539      | 0.0       | 45.073 | 3.5        | 0.0        | 47.27  | 3.323      |
| 8     | 6783        | 6784      | SN   | 1    | 0.0       | 51.354 | 6.052      | 0.0        | 57.36  | 5.093      | 0.0       | 45.001 | 3.966      | 0.0        | 47.615 | 3.73       | 0.0       | 53.884 | 5.574      | 0.0        | 61.052 | 4.645      | 0.0       | 45.073 | 3.58       | 0.0        | 47.27  | 3.402      |
| 9     | 6783        | 6784      | NS   | 1    | 0.0       | 48.355 | 3.834      | 0.0        | 53.189 | 3.621      | 0.0       | 42.917 | 2.383      | 0.0        | 42.145 | 2.425      | 0.0       | 51.378 | 3.491      | 0.0        | 50.75  | 3.323      | 0.0       | 41.696 | 2.228      | 0.0        | 40.714 | 2.132      |
| 10    | 6783        | 6784      | SN   | 1    | 0.0       | 43.28  | 1.752      | 0.0        | 48.15  | 1.541      | 0.0       | 44.363 | 1.082      | 0.0        | 41.554 | 1.07       | 0.0       | 43.058 | 1.499      | 0.0        | 46.16  | 1.344      | 0.0       | 44.484 | 0.945      | 0.0        | 39.264 | 0.928      |
| 11    | 6783        | 6784      | SN   | 1    | 0.0       | 43.28  | 1.796      | 0.0        | 48.15  | 1.577      | 0.0       | 44.363 | 1.107      | 0.0        | 41.554 | 1.094      | 0.0       | 43.058 | 1.534      | 0.0        | 46.16  | 1.376      | 0.0       | 44.484 | 0.967      | 0.0        | 39.264 | 0.946      |
| 12    | 6783        | 6784      | NS   | 1    | 0.0       | 54.871 | 12.113     | 0.0        | 60.432 | 12.226     | 0.0       | 46.914 | 8.304      | 0.0        | 52.335 | 8.378      | 0.0       | 58.161 | 11.566     | 0.0        | 62.207 | 11.475     | 0.0       | 48.318 | 7.78       | 0.0        | 54.488 | 7.716      |
| 13    | 6783        | 6784      | SN   | 1    | 0.0       | 43.28  | 1.752      | 0.0        | 48.15  | 1.541      | 0.0       | 44.363 | 1.082      | 0.0        | 41.554 | 1.07       | 0.0       | 43.058 | 1.499      | 0.0        | 46.16  | 1.344      | 0.0       | 44.484 | 0.945      | 0.0        | 39.264 | 0.928      |
| 14    | 6783        | 6784      | SN   | 1    | 0.0       | 51.354 | 5.907      | 0.0        | 57.36  | 4.977      | 0.0       | 45.001 | 3.884      | 0.0        | 47.615 | 3.644      | 0.0       | 53.884 | 5.441      | 0.0        | 61.052 | 4.539      | 0.0       | 45.073 | 3.5        | 0.0        | 47.27  | 3.323      |
| 15    | 6784        | 6785      | NS   | 1    | 0.0       | 52.825 | 6.231      | 0.0        | 53.331 | 6.364      | 0.0       | 50.519 | 4.58       | 0.0        | 47.165 | 4.66       | 0.0       | 49.584 | 6.089      | 0.0        | 53.477 | 6.121      | 0.0       | 49.619 | 4.275      | 0.0        | 45.603 | 4.404      |
| 16    | 6784        | 6785      | NS   | 1    | 0.0       | 53.777 | 6.17       | 0.0        | 53.734 | 6.364      | 0.0       | 52.708 | 4.502      | 0.0        | 48.899 | 4.652      | 0.0       | 55.306 | 6.049      | 0.0        | 53.512 | 6.029      | 0.0       | 50.393 | 4.24       | 0.0        | 49.252 | 4.354      |
| 17    | 6784        | 6785      | NS   | 1    | 0.0       | 49.323 | 1.99       | 0.0        | 47.19  | 1.874      | 0.0       | 42.143 | 1.344      | 0.0        | 41.9   | 1.467      | 0.0       | 48.577 | 1.932      | 0.0        | 49.694 | 1.775      | 0.0       | 40.636 | 1.196      | 0.0        | 40.788 | 1.348      |
| 18    | 6784        | 6785      | SN   | 1    | 0.0       | 50.816 | 6.569      | 0.0        | 46.75  | 5.624      | 0.0       | 46.685 | 5.015      | 0.0        | 46.214 | 5.705      | 0.0       | 52.435 | 6.261      | 0.0        | 47.564 | 5.15       | 0.0       | 44.838 | 4.684      | 0.0        | 43.972 | 5.192      |
| 19    | 6784        | 6785      | SN   | 1    | 0.0       | 50.941 | 6.559      | 0.0        | 49.062 | 5.635      | 0.0       | 43.321 | 5.037      | 0.0        | 46.297 | 5.59       | 0.0       | 52.559 | 6.302      | 0.0        | 47.027 | 5.192      | 0.0       | 43.052 | 4.698      | 0.0        | 45.071 | 5.077      |
| 20    | 6784        | 6785      | NS   | 1    | 0.0       | 48.713 | 1.984      | 0.0        | 48.342 | 1.87       | 0.0       | 41.512 | 1.367      | 0.0        | 41.986 | 1.469      | 0.0       | 46.941 | 1.9        | 0.0        | 49.024 | 1.788      | 0.0       | 39.779 | 1.201      | 0.0        | 41.521 | 1.369      |
| 21    | 6784        | 6785      | SN   | 1    | 0.0       | 42.867 | 2.414      | 0.0        | 45.256 | 2.207      | 0.0       | 39.79  | 1.771      | 0.0        | 40.849 | 1.806      | 0.0       | 40.474 | 2.201      | 0.0        | 48.105 | 1.914      | 0.0       | 36.426 | 1.553      | 0.0        | 42.786 | 1.588      |
| 22    | 6784        | 6785      | SN   | 1    | 0.0       | 50.941 | 6.471      | 0.0        | 49.062 | 5.563      | 0.0       | 43.321 | 4.971      | 0.0        | 46.297 | 5.518      | 0.0       | 52.559 | 6.218      | 0.0        | 47.027 | 5.126      | 0.0       | 43.052 | 4.637      | 0.0        | 45.071 | 5.012      |
| 23    | 6784        | 6785      | SN   | 1    | 0.0       | 41.463 | 2.362      | 0.0        | 45.307 | 2.208      | 0.0       | 40.268 | 1.744      | 0.0        | 41.853 | 1.774      | 0.0       | 40.511 | 2.168      | 0.0        | 48.155 | 1.889      | 0.0       | 36.9   | 1.539      | 0.0        | 43.796 | 1.568      |
| 24    | 6784        | 6785      | SN   | 1    | 0.0       | 41.463 | 2.393      | 0.0        | 45.307 | 2.237      | 0.0       | 40.268 | 1.767      | 0.0        | 41.853 | 1.797      | 0.0       | 40.511 | 2.196      | 0.0        | 48.155 | 1.914      | 0.0       | 36.9   | 1.56       | 0.0        | 43.796 | 1.588      |
| 25    | 6785        | 6786      | SN   | 1    | 0.0       | 38.681 | 2.141      | 0.0        | 38.134 | 1.964      | 0.0       | 37.365 | 1.623      | 0.0        | 38.27  | 1.801      | 0.0       | 40.198 | 1.887      | 0.0        | 38.096 | 1.751      | 0.0       | 34.374 | 1.472      | 0.0        | 37.788 | 1.552      |
| 26    | 6785        | 6786      | SN   | 1    | 0.0       | 38.681 | 2.141      | 0.0        | 38.134 | 1.964      | 0.0       | 37.365 | 1.623      | 0.0        | 38.27  | 1.801      | 0.0       | 40.198 | 1.887      | 0.0        | 38.096 | 1.751      | 0.0       | 34.374 | 1.472      | 0.0        | 37.788 | 1.552      |
| 27    | 6785        | 6786      | NS   | 1    | 0.0       | 40.425 | 1.988      | 0.0        | 46.15  | 1.73       | 0.0       | 39.085 | 1.55       | 0.0        | 38.175 | 1.582      | 0.0       | 39.767 | 1.576      | 0.0        | 41.143 | 1.432      | 0.0       | 37.432 | 1.325      | 0.0        | 35.897 | 1.306      |
| 28    | 6785        | 6786      | SN   | 1    | 0.0       | 37.801 | 6.461      | 0.0        | 42.518 | 5.96       | 0.0       | 37.79  | 4.9        | 0.0        | 38.895 | 5.026      | 0.0       | 39.324 | 6.289      | 0.0        | 39.672 | 5.736      | 0.0       | 38.284 | 4.608      | 0.0        | 37.593 | 4.591      |
| 29    | 6785        | 6786      | NS   | 1    | 0.0       | 39.329 | 4.532      | 0.0        | 42.123 | 4.527      | 0.0       | 44.889 | 4.218      | 0.0        | 36.763 | 4.702      | 0.0       | 38.508 | 3.773      | 0.0        | 42.814 | 3.664      | 0.0       | 43.563 | 3.864      | 0.0        | 35.612 | 4.09       |
| 30    | 6785        | 6786      | NS   | 1    | 0.0       | 39.329 | 4.532      | 0.0        | 42.123 | 4.527      | 0.0       | 44.889 | 4.218      | 0.0        | 36.763 | 4.702      | 0.0       | 38.508 | 3.773      | 0.0        | 42.814 | 3.664      | 0.0       | 43.563 | 3.864      | 0.0        | 35.612 | 4.09       |
| 31    | 6785        | 6786      | SN   | 1    | 0.0       | 37.801 | 6.461      | 0.0        | 42.518 | 5.96       | 0.0       | 37.79  | 4.9        | 0.0        | 38.895 | 5.026      | 0.0       | 39.324 | 6.289      | 0.0        | 39.672 | 5.736      | 0.0       | 38.284 | 4.608      | 0.0        | 37.593 | 4.591      |

|                          |            |      |        |  |  |
|--------------------------|------------|------|--------|--|--|
| Parameter Specifications | Parameters | SNR  | Sigma0 | <span style="color: green;">■</span> Normal    | <span style="color: yellow;">■</span> Deviations |
|                          | Range      | 20.0 | 20.0   | <span style="color: orange;">■</span> Alarming | <span style="color: red;">■</span> High Errors   |

|    |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 32 | 6785 | 6786 | NS | 1 | 0.0 | 40.425 | 1.988 | 0.0 | 46.15  | 1.73  | 0.0 | 39.085 | 1.55  | 0.0 | 38.175 | 1.582 | 0.0 | 39.767 | 1.576 | 0.0 | 41.143 | 1.432 | 0.0 | 37.432 | 1.325 | 0.0 | 35.897 | 1.306 |
| 33 | 6786 | 6787 | NS | 1 | 0.0 | 49.071 | 1.698 | 0.0 | 49.92  | 1.657 | 0.0 | 43.907 | 1.176 | 0.0 | 40.556 | 1.245 | 0.0 | 51.588 | 1.5   | 0.0 | 53.481 | 1.475 | 0.0 | 41.337 | 1.106 | 0.0 | 39.863 | 1.155 |
| 34 | 6786 | 6787 | NS | 1 | 0.0 | 48.44  | 5.553 | 0.0 | 49.284 | 5.907 | 0.0 | 44.362 | 3.949 | 0.0 | 44.476 | 4.162 | 0.0 | 51.517 | 5.118 | 0.0 | 49.199 | 5.38  | 0.0 | 44.103 | 3.694 | 0.0 | 43.118 | 3.877 |
| 35 | 6786 | 6787 | SN | 1 | 0.0 | 41.484 | 1.781 | 0.0 | 39.789 | 1.257 | 0.0 | 38.893 | 1.374 | 0.0 | 38.989 | 1.297 | 0.0 | 41.222 | 1.367 | 0.0 | 43.193 | 1.029 | 0.0 | 35.557 | 1.163 | 0.0 | 35.31  | 1.071 |
| 36 | 6786 | 6787 | SN | 1 | 0.0 | 41.484 | 1.74  | 0.0 | 39.789 | 1.228 | 0.0 | 38.893 | 1.345 | 0.0 | 38.989 | 1.273 | 0.0 | 41.222 | 1.335 | 0.0 | 43.193 | 1.006 | 0.0 | 35.557 | 1.137 | 0.0 | 35.31  | 1.05  |
| 37 | 6786 | 6787 | NS | 1 | 0.0 | 52.965 | 1.715 | 0.0 | 55.373 | 1.663 | 0.0 | 40.177 | 1.079 | 0.0 | 42.956 | 1.338 | 0.0 | 53.211 | 1.484 | 0.0 | 55.593 | 1.478 | 0.0 | 38.449 | 1.012 | 0.0 | 40.39  | 1.244 |
| 38 | 6786 | 6787 | SN | 1 | 0.0 | 46.716 | 4.636 | 0.0 | 40.838 | 3.383 | 0.0 | 40.234 | 3.797 | 0.0 | 42.146 | 3.393 | 0.0 | 43.854 | 3.96  | 0.0 | 37.531 | 2.893 | 0.0 | 39.198 | 3.345 | 0.0 | 44.531 | 3.029 |
| 39 | 6786 | 6787 | SN | 1 | 0.0 | 41.484 | 1.74  | 0.0 | 39.789 | 1.228 | 0.0 | 38.893 | 1.345 | 0.0 | 38.989 | 1.273 | 0.0 | 41.222 | 1.335 | 0.0 | 43.193 | 1.006 | 0.0 | 35.557 | 1.139 | 0.0 | 35.31  | 1.05  |
| 40 | 6786 | 6787 | SN | 1 | 0.0 | 46.716 | 4.528 | 0.0 | 40.838 | 3.305 | 0.0 | 40.234 | 3.715 | 0.0 | 42.146 | 3.329 | 0.0 | 43.854 | 3.868 | 0.0 | 37.531 | 2.827 | 0.0 | 39.198 | 3.274 | 0.0 | 44.531 | 2.959 |
| 41 | 6786 | 6787 | SN | 1 | 0.0 | 46.716 | 4.528 | 0.0 | 40.838 | 3.305 | 0.0 | 40.234 | 3.715 | 0.0 | 42.146 | 3.329 | 0.0 | 43.854 | 3.868 | 0.0 | 37.531 | 2.827 | 0.0 | 39.198 | 3.274 | 0.0 | 44.531 | 2.959 |
| 42 | 6786 | 6787 | NS | 1 | 0.0 | 45.219 | 5.551 | 0.0 | 46.936 | 5.614 | 0.0 | 46.285 | 3.899 | 0.0 | 46.928 | 4.412 | 0.0 | 48.689 | 5.096 | 0.0 | 48.432 | 5.208 | 0.0 | 44.532 | 3.473 | 0.0 | 42.23  | 4.07  |
| 43 | 6787 | 6788 | SN | 1 | 0.0 | 46.656 | 6.856 | 0.0 | 46.815 | 5.477 | 0.0 | 48.718 | 4.27  | 0.0 | 44.117 | 4.445 | 0.0 | 47.469 | 6.245 | 0.0 | 49.965 | 5.245 | 0.0 | 44.775 | 4.211 | 0.0 | 46.276 | 4.038 |
| 44 | 6787 | 6788 | SN | 1 | 0.0 | 44.445 | 2.117 | 0.0 | 42.507 | 1.687 | 0.0 | 36.463 | 1.57  | 0.0 | 37.835 | 1.54  | 0.0 | 39.403 | 1.894 | 0.0 | 41.018 | 1.555 | 0.0 | 36.923 | 1.505 | 0.0 | 36.659 | 1.392 |
| 45 | 6787 | 6788 | SN | 1 | 0.0 | 46.656 | 6.619 | 0.0 | 46.815 | 5.353 | 0.0 | 48.718 | 4.133 | 0.0 | 44.117 | 4.285 | 0.0 | 47.469 | 6.03  | 0.0 | 49.965 | 5.089 | 0.0 | 44.775 | 4.069 | 0.0 | 46.276 | 3.893 |
| 46 | 6787 | 6788 | SN | 1 | 0.0 | 46.656 | 6.619 | 0.0 | 46.815 | 5.353 | 0.0 | 48.718 | 4.133 | 0.0 | 44.117 | 4.285 | 0.0 | 47.469 | 6.03  | 0.0 | 49.965 | 5.089 | 0.0 | 44.775 | 4.069 | 0.0 | 46.276 | 3.893 |
| 47 | 6787 | 6788 | SN | 1 | 0.0 | 44.445 | 2.04  | 0.0 | 42.507 | 1.63  | 0.0 | 36.463 | 1.516 | 0.0 | 37.835 | 1.486 | 0.0 | 39.403 | 1.825 | 0.0 | 41.018 | 1.501 | 0.0 | 36.923 | 1.452 | 0.0 | 36.659 | 1.341 |
| 48 | 6787 | 6788 | NS | 1 | 0.0 | 43.582 | 1.966 | 0.0 | 49.284 | 1.639 | 0.0 | 41.076 | 1.25  | 0.0 | 43.025 | 1.385 | 0.0 | 43.013 | 1.848 | 0.0 | 47.856 | 1.524 | 0.0 | 41.147 | 1.155 | 0.0 | 42.251 | 1.224 |
| 49 | 6787 | 6788 | NS | 1 | 0.0 | 45.007 | 1.963 | 0.0 | 46.541 | 1.655 | 0.0 | 41.104 | 1.25  | 0.0 | 43.981 | 1.369 | 0.0 | 43.393 | 1.848 | 0.0 | 46.386 | 1.52  | 0.0 | 40.919 | 1.178 | 0.0 | 41.219 | 1.224 |
| 50 | 6787 | 6788 | SN | 1 | 0.0 | 44.445 | 2.04  | 0.0 | 42.507 | 1.63  | 0.0 | 36.463 | 1.516 | 0.0 | 37.835 | 1.486 | 0.0 | 39.403 | 1.825 | 0.0 | 41.018 | 1.501 | 0.0 | 36.923 | 1.452 | 0.0 | 36.659 | 1.341 |
| 51 | 6787 | 6788 | NS | 1 | 0.0 | 50.786 | 5.794 | 0.0 | 50.514 | 4.983 | 0.0 | 43.096 | 4.359 | 0.0 | 49.099 | 4.161 | 0.0 | 52.083 | 5.47  | 0.0 | 50.13  | 4.546 | 0.0 | 43.922 | 4.075 | 0.0 | 47.171 | 3.898 |
| 52 | 6787 | 6788 | NS | 1 | 0.0 | 51.549 | 5.723 | 0.0 | 51.506 | 5.003 | 0.0 | 43.336 | 4.345 | 0.0 | 45.606 | 4.225 | 0.0 | 48.304 | 5.44  | 0.0 | 50.349 | 4.658 | 0.0 | 44.155 | 4.019 | 0.0 | 43.958 | 3.919 |
| 53 | 6788 | 6789 | SN | 1 | 0.0 | 45.932 | 9.534 | 0.0 | 56.073 | 8.752 | 0.0 | 48.67  | 6.444 | 0.0 | 50.657 | 6.594 | 0.0 | 47.042 | 9.394 | 0.0 | 54.756 | 8.472 | 0.0 | 47.801 | 6.398 | 0.0 | 48.509 | 6.481 |
| 54 | 6788 | 6789 | SN | 1 | 0.0 | 45.932 | 9.035 | 0.0 | 56.073 | 8.294 | 0.0 | 48.67  | 6.131 | 0.0 | 50.657 | 6.253 | 0.0 | 47.042 | 8.903 | 0.0 | 54.756 | 8.03  | 0.0 | 47.801 | 6.082 | 0.0 | 48.509 | 6.131 |
| 55 | 6788 | 6789 | SN | 1 | 0.0 | 45.932 | 9.035 | 0.0 | 56.073 | 8.294 | 0.0 | 48.67  | 6.131 | 0.0 | 50.657 | 6.253 | 0.0 | 47.042 | 8.903 | 0.0 | 54.756 | 8.03  | 0.0 | 47.801 | 6.082 | 0.0 | 48.509 | 6.131 |
| 56 | 6788 | 6789 | SN | 1 | 0.0 | 46.712 | 2.969 | 0.0 | 46.852 | 2.829 | 0.0 | 40.27  | 1.974 | 0.0 | 47.787 | 2.15  | 0.0 | 46.666 | 2.811 | 0.0 | 44.668 | 2.641 | 0.0 | 36.204 | 1.873 | 0.0 | 45.566 | 2.004 |
| 57 | 6788 | 6789 | NS | 1 | 0.0 | 50.013 | 6.825 | 0.0 | 49.11  | 5.784 | 0.0 | 45.681 | 4.848 | 0.0 | 50.295 | 4.915 | 0.0 | 50.47  | 5.612 | 0.0 | 46.83  | 5.226 | 0.0 | 47.547 | 4.501 | 0.0 | 50.965 | 4.374 |
| 58 | 6788 | 6789 | NS | 1 | 0.0 | 51.777 | 6.967 | 0.0 | 55.864 | 5.815 | 0.0 | 45.035 | 4.905 | 0.0 | 43.723 | 4.766 | 0.0 | 47.796 | 5.743 | 0.0 | 54.836 | 5.257 | 0.0 | 44.812 | 4.501 | 0.0 | 42.461 | 4.339 |
| 59 | 6788 | 6789 | NS | 1 | 0.0 | 50.831 | 2.249 | 0.0 | 46.145 | 1.775 | 0.0 | 48.85  | 1.666 | 0.0 | 41.082 | 1.509 | 0.0 | 48.446 | 1.851 | 0.0 | 42.511 | 1.488 | 0.0 | 50.821 | 1.464 | 0.0 | 39.054 | 1.293 |
| 60 | 6788 | 6789 | SN | 1 | 0.0 | 46.712 | 2.969 | 0.0 | 46.852 | 2.829 | 0.0 | 40.27  | 1.974 | 0.0 | 47.787 | 2.15  | 0.0 | 46.666 | 2.811 | 0.0 | 44.668 | 2.641 | 0.0 | 36.204 | 1.873 | 0.0 | 45.566 | 2.004 |
| 61 | 6788 | 6789 | SN | 1 | 0.0 | 46.712 | 3.135 | 0.0 | 46.852 | 2.986 | 0.0 | 40.27  | 2.081 | 0.0 | 47.787 | 2.27  | 0.0 | 46.666 | 2.968 | 0.0 | 44.668 | 2.787 | 0.0 | 36.204 | 1.976 | 0.0 | 45.566 | 2.118 |
| 62 | 6788 | 6789 | NS | 1 | 0.0 | 47.324 | 2.197 | 0.0 | 46.871 | 1.752 | 0.0 | 45.4   | 1.698 | 0.0 | 40.734 | 1.547 | 0.0 | 44.938 | 1.857 | 0.0 | 43.236 | 1.536 | 0.0 | 46.806 | 1.438 | 0.0 | 43.925 | 1.274 |
| 63 | 6789 | 6790 | NS | 1 | 0.0 | 42.88  | 1.592 | 0.0 | 48.74  | 1.531 | 0.0 | 38.864 | 1.203 | 0.0 | 39.371 | 1.091 | 0.0 | 41.366 | 1.205 | 0.0 | 49.804 | 1.222 | 0.0 | 37.271 | 1.017 | 0.0 | 38.109 | 0.888 |
| 64 | 6789 | 6790 | NS | 1 | 0.0 | 50.423 | 1.645 | 0.0 | 44.981 | 1.499 | 0.0 | 38.135 | 1.186 | 0.0 | 38.237 | 1.156 | 0.0 | 50.394 | 1.283 | 0.0 | 40.973 | 1.211 | 0.0 | 35.107 | 1.017 | 0.0 | 38.416 | 0.935 |
| 65 | 6789 | 6790 | SN | 1 | 0.0 | 48.401 | 7.906 | 0.0 | 50.805 | 7.604 | 0.0 | 48.894 | 5.215 | 0.0 | 48.33  | 5.531 | 0.0 | 50.614 | 7.137 | 0.0 | 49.637 | 6.845 | 0.0 | 45.234 | 4.784 | 0.0 | 44.743 | 5.069 |
| 66 | 6789 | 6790 | SN | 1 | 0.0 | 45.865 | 2.403 | 0.0 | 44.999 | 2.202 | 0.0 | 43.342 | 1.66  | 0.0 | 43.963 | 1.608 | 0.0 | 46.115 | 2.011 | 0.0 | 45.492 | 1.857 | 0.0 | 43.128 | 1.405 | 0.0 | 45.105 | 1.404 |
| 67 | 6789 | 6790 | SN | 1 | 0.0 | 48.401 | 7.339 | 0.0 | 50.805 | 7.185 | 0.0 | 48.894 | 4.852 | 0.0 | 48.33  | 5.148 | 0.0 | 50.614 | 6.619 | 0.0 | 49.637 | 6.422 | 0.0 | 45.234 | 4.446 | 0.0 | 44.743 | 4.698 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|                          | Range      | 20.0 | 20.0   |        |            |

|     |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68  | 6789 | 6790 | SN | 1 | 0.0 | 48.401 | 7.339 | 0.0 | 50.805 | 7.185 | 0.0 | 48.894 | 4.852 | 0.0 | 48.33  | 5.148 | 0.0 | 50.614 | 6.619 | 0.0 | 49.637 | 6.412 | 0.0 | 45.234 | 4.453 | 0.0 | 44.743 | 4.698 |
| 69  | 6789 | 6790 | SN | 1 | 0.0 | 45.865 | 2.223 | 0.0 | 44.999 | 2.049 | 0.0 | 43.342 | 1.546 | 0.0 | 43.963 | 1.494 | 0.0 | 46.115 | 1.861 | 0.0 | 45.492 | 1.72  | 0.0 | 43.128 | 1.306 | 0.0 | 45.105 | 1.3   |
| 70  | 6789 | 6790 | NS | 1 | 0.0 | 47.511 | 5.096 | 0.0 | 45.564 | 4.912 | 0.0 | 39.257 | 3.615 | 0.0 | 48.605 | 3.606 | 0.0 | 47.39  | 4.247 | 0.0 | 45.505 | 4.13  | 0.0 | 40.78  | 2.991 | 0.0 | 45.744 | 2.916 |
| 71  | 6789 | 6790 | SN | 1 | 0.0 | 45.865 | 2.223 | 0.0 | 44.999 | 2.046 | 0.0 | 43.342 | 1.551 | 0.0 | 43.963 | 1.494 | 0.0 | 46.115 | 1.861 | 0.0 | 45.492 | 1.72  | 0.0 | 43.128 | 1.309 | 0.0 | 45.105 | 1.3   |
| 72  | 6789 | 6790 | NS | 1 | 0.0 | 45.768 | 5.185 | 0.0 | 49.144 | 4.951 | 0.0 | 40.104 | 3.826 | 0.0 | 51.189 | 3.62  | 0.0 | 47.39  | 4.256 | 0.0 | 48.509 | 4.15  | 0.0 | 40.774 | 3.146 | 0.0 | 50.221 | 3.073 |
| 73  | 6790 | 6791 | SN | 1 | 0.0 | 50.441 | 7.976 | 0.0 | 56.032 | 8.173 | 0.0 | 44.224 | 5.712 | 0.0 | 47.648 | 6.411 | 0.0 | 48.32  | 7.885 | 0.0 | 54.973 | 7.623 | 0.0 | 44.55  | 5.691 | 0.0 | 48.152 | 6.155 |
| 74  | 6790 | 6791 | SN | 1 | 0.0 | 50.223 | 2.595 | 0.0 | 46.286 | 2.484 | 0.0 | 44.813 | 1.657 | 0.0 | 37.546 | 1.736 | 0.0 | 47.072 | 2.467 | 0.0 | 45.369 | 2.203 | 0.0 | 42.131 | 1.63  | 0.0 | 36.591 | 1.571 |
| 75  | 6790 | 6791 | SN | 1 | 0.0 | 50.441 | 8.788 | 0.0 | 56.032 | 8.555 | 0.0 | 44.224 | 6.311 | 0.0 | 47.648 | 6.764 | 0.0 | 48.32  | 8.697 | 0.0 | 54.973 | 8.068 | 0.0 | 44.55  | 6.318 | 0.0 | 48.152 | 6.581 |
| 76  | 6790 | 6791 | SN | 1 | 0.0 | 50.441 | 7.976 | 0.0 | 56.032 | 8.173 | 0.0 | 44.224 | 5.712 | 0.0 | 47.648 | 6.411 | 0.0 | 48.32  | 7.885 | 0.0 | 54.973 | 7.623 | 0.0 | 44.55  | 5.691 | 0.0 | 48.152 | 6.155 |
| 77  | 6790 | 6791 | NS | 1 | 0.0 | 46.808 | 4.342 | 0.0 | 40.961 | 3.856 | 0.0 | 44.813 | 3.872 | 0.0 | 43.335 | 3.727 | 0.0 | 47.373 | 3.826 | 0.0 | 43.196 | 3.592 | 0.0 | 44.59  | 3.482 | 0.0 | 45.456 | 3.371 |
| 78  | 6790 | 6791 | NS | 1 | 0.0 | 48.379 | 4.311 | 0.0 | 43.299 | 3.856 | 0.0 | 47.006 | 3.844 | 0.0 | 46.266 | 3.72  | 0.0 | 47.885 | 3.826 | 0.0 | 44.56  | 3.582 | 0.0 | 44.315 | 3.468 | 0.0 | 48.907 | 3.478 |
| 79  | 6790 | 6791 | SN | 1 | 0.0 | 50.223 | 2.871 | 0.0 | 46.286 | 2.71  | 0.0 | 44.813 | 1.848 | 0.0 | 37.546 | 1.871 | 0.0 | 47.072 | 2.732 | 0.0 | 45.369 | 2.405 | 0.0 | 42.131 | 1.82  | 0.0 | 36.591 | 1.697 |
| 80  | 6790 | 6791 | NS | 1 | 0.0 | 44.131 | 1.343 | 0.0 | 44.701 | 1.193 | 0.0 | 44.707 | 1.147 | 0.0 | 40.825 | 1.27  | 0.0 | 42.968 | 1.142 | 0.0 | 43.225 | 1.019 | 0.0 | 41.982 | 1.069 | 0.0 | 42.856 | 1.077 |
| 81  | 6790 | 6791 | NS | 1 | 0.0 | 42.017 | 1.34  | 0.0 | 46.266 | 1.222 | 0.0 | 38.561 | 1.099 | 0.0 | 40.462 | 1.256 | 0.0 | 42.4   | 1.169 | 0.0 | 44.764 | 1.037 | 0.0 | 38.526 | 1.062 | 0.0 | 42.494 | 1.075 |
| 82  | 6790 | 6791 | SN | 1 | 0.0 | 50.223 | 2.595 | 0.0 | 46.286 | 2.484 | 0.0 | 44.813 | 1.657 | 0.0 | 37.546 | 1.736 | 0.0 | 47.072 | 2.467 | 0.0 | 45.369 | 2.203 | 0.0 | 42.131 | 1.63  | 0.0 | 36.591 | 1.571 |
| 83  | 6791 | 6792 | SN | 1 | 0.0 | 40.627 | 3.552 | 0.0 | 45.027 | 3.237 | 0.0 | 44.595 | 3.514 | 0.0 | 46.678 | 3.559 | 0.0 | 43.181 | 3.258 | 0.0 | 42.011 | 2.819 | 0.0 | 43.324 | 3.635 | 0.0 | 44.45  | 3.452 |
| 84  | 6791 | 6792 | NS | 1 | 0.0 | 49.181 | 2.151 | 0.0 | 41.687 | 1.855 | 0.0 | 36.02  | 1.453 | 0.0 | 41.962 | 1.535 | 0.0 | 47.425 | 1.854 | 0.0 | 42.115 | 1.578 | 0.0 | 37.107 | 1.331 | 0.0 | 41.151 | 1.211 |
| 85  | 6791 | 6792 | NS | 1 | 0.0 | 53.331 | 6.395 | 0.0 | 47.502 | 6.067 | 0.0 | 44.96  | 4.56  | 0.0 | 49.453 | 4.616 | 0.0 | 54.709 | 5.525 | 0.0 | 47.703 | 5.134 | 0.0 | 44.421 | 4.298 | 0.0 | 46.162 | 3.983 |
| 86  | 6791 | 6792 | SN | 1 | 0.0 | 38.011 | 1.58  | 0.0 | 40.96  | 1.218 | 0.0 | 40.463 | 1.201 | 0.0 | 46.555 | 1.211 | 0.0 | 38.023 | 1.431 | 0.0 | 39.8   | 1.168 | 0.0 | 37.72  | 1.19  | 0.0 | 43.228 | 1.137 |
| 87  | 6792 | 6793 | NS | 1 | 0.0 | 51.261 | 5.978 | 0.0 | 45.398 | 5.664 | 0.0 | 44.482 | 5.055 | 0.0 | 40.853 | 5.506 | 0.0 | 52.643 | 5.806 | 0.0 | 48.752 | 5.166 | 0.0 | 44.408 | 4.828 | 0.0 | 42.019 | 5.122 |
| 88  | 6792 | 6793 | NS | 1 | 0.0 | 42.266 | 2.243 | 0.0 | 42.293 | 2.088 | 0.0 | 41.738 | 1.712 | 0.0 | 40.695 | 1.929 | 0.0 | 40.795 | 2.094 | 0.0 | 41.694 | 1.876 | 0.0 | 38.646 | 1.55  | 0.0 | 37.22  | 1.701 |
| 89  | 6792 | 6793 | NS | 1 | 0.0 | 42.266 | 2.243 | 0.0 | 42.293 | 2.088 | 0.0 | 41.738 | 1.712 | 0.0 | 40.695 | 1.929 | 0.0 | 40.795 | 2.094 | 0.0 | 41.694 | 1.876 | 0.0 | 38.646 | 1.55  | 0.0 | 37.22  | 1.701 |
| 90  | 6792 | 6793 | SN | 1 | 0.0 | 41.554 | 2.048 | 0.0 | 47.513 | 1.543 | 0.0 | 39.385 | 1.337 | 0.0 | 44.682 | 1.374 | 0.0 | 40.196 | 1.718 | 0.0 | 44.016 | 1.278 | 0.0 | 39.243 | 1.229 | 0.0 | 45.579 | 1.105 |
| 91  | 6792 | 6793 | SN | 1 | 0.0 | 48.754 | 6.922 | 0.0 | 47.378 | 5.381 | 0.0 | 39.368 | 4.268 | 0.0 | 48.096 | 4.256 | 0.0 | 49.326 | 6.161 | 0.0 | 51.155 | 4.679 | 0.0 | 42.013 | 3.813 | 0.0 | 48.093 | 3.828 |
| 92  | 6792 | 6793 | NS | 1 | 0.0 | 51.261 | 5.978 | 0.0 | 45.398 | 5.664 | 0.0 | 44.482 | 5.055 | 0.0 | 40.853 | 5.506 | 0.0 | 52.643 | 5.806 | 0.0 | 48.752 | 5.166 | 0.0 | 44.408 | 4.828 | 0.0 | 42.019 | 5.122 |
| 93  | 6793 | 6794 | SN | 1 | 0.0 | 57.066 | 7.119 | 0.0 | 48.435 | 6.137 | 0.0 | 43.964 | 4.755 | 0.0 | 43.078 | 4.257 | 0.0 | 53.936 | 6.744 | 0.0 | 46.05  | 5.475 | 0.0 | 42.741 | 4.642 | 0.0 | 41.597 | 4.029 |
| 94  | 6793 | 6794 | SN | 1 | 0.0 | 57.066 | 7.119 | 0.0 | 48.435 | 6.137 | 0.0 | 43.964 | 4.755 | 0.0 | 43.078 | 4.264 | 0.0 | 53.936 | 6.744 | 0.0 | 46.05  | 5.475 | 0.0 | 42.741 | 4.642 | 0.0 | 41.597 | 4.029 |
| 95  | 6793 | 6794 | SN | 1 | 0.0 | 44.252 | 2.18  | 0.0 | 46.665 | 1.989 | 0.0 | 44.532 | 1.534 | 0.0 | 45.514 | 1.254 | 0.0 | 42.505 | 2.106 | 0.0 | 45.6   | 1.779 | 0.0 | 43.544 | 1.445 | 0.0 | 44.783 | 1.159 |
| 96  | 6793 | 6794 | NS | 1 | 0.0 | 40.247 | 2.094 | 0.0 | 42.587 | 1.908 | 0.0 | 36.444 | 1.468 | 0.0 | 40.423 | 1.666 | 0.0 | 40.434 | 1.736 | 0.0 | 41.667 | 1.604 | 0.0 | 35.122 | 1.298 | 0.0 | 39.902 | 1.416 |
| 97  | 6793 | 6794 | NS | 1 | 0.0 | 46.339 | 5.794 | 0.0 | 48.393 | 4.751 | 0.0 | 39.99  | 4.189 | 0.0 | 44.823 | 4.676 | 0.0 | 45.275 | 4.803 | 0.0 | 46.553 | 4.01  | 0.0 | 41.115 | 3.827 | 0.0 | 41.825 | 4.263 |
| 98  | 6793 | 6794 | NS | 1 | 0.0 | 40.247 | 2.094 | 0.0 | 42.587 | 1.908 | 0.0 | 36.444 | 1.468 | 0.0 | 40.423 | 1.666 | 0.0 | 40.434 | 1.736 | 0.0 | 41.667 | 1.604 | 0.0 | 35.122 | 1.298 | 0.0 | 39.902 | 1.416 |
| 99  | 6793 | 6794 | SN | 1 | 0.0 | 44.252 | 2.18  | 0.0 | 46.665 | 1.989 | 0.0 | 44.532 | 1.534 | 0.0 | 43.053 | 1.254 | 0.0 | 42.505 | 2.106 | 0.0 | 45.6   | 1.779 | 0.0 | 43.544 | 1.445 | 0.0 | 42.324 | 1.159 |
| 100 | 6793 | 6794 | NS | 1 | 0.0 | 46.339 | 5.794 | 0.0 | 48.393 | 4.751 | 0.0 | 39.99  | 4.189 | 0.0 | 44.823 | 4.676 | 0.0 | 45.275 | 4.803 | 0.0 | 46.553 | 4.01  | 0.0 | 41.115 | 3.827 | 0.0 | 41.825 | 4.263 |
| 101 | 6794 | 6795 | SN | 1 | 0.0 | 49.329 | 1.584 | 0.0 | 45.907 | 1.623 | 0.0 | 38.734 | 1.083 | 0.0 | 41.234 | 1.22  | 0.0 | 48.576 | 1.469 | 0.0 | 44.236 | 1.491 | 0.0 | 38.895 | 1.054 | 0.0 | 37.784 | 1.158 |
| 102 | 6794 | 6795 | NS | 1 | 0.0 | 43.568 | 3.276 | 0.0 | 51.944 | 3.736 | 0.0 | 42.047 | 3.615 | 0.0 | 38.186 | 3.814 | 0.0 | 43.767 | 2.599 | 0.0 | 48.99  | 2.893 | 0.0 | 39.19  | 3.012 | 0.0 | 39.248 | 3.181 |
| 103 | 6794 | 6795 | SN | 1 | 0.0 | 47.555 | 5.02  | 0.0 | 51.042 | 5.608 | 0.0 | 44.388 | 3.696 | 0.0 | 45.988 | 4.135 | 0.0 | 48.733 | 4.695 | 0.0 | 49.787 | 5.272 | 0.0 | 45.141 | 3.682 | 0.0 | 47.315 | 3.914 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|                          | Range      | 20.0 | 20.0   |        |            |

|     |      |      |    |   |     |        |       |     |        |       |       |        |       |     |        |       |     |        |       |     |        |       |       |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|
| 104 | 6794 | 6795 | NS | 1 | 0.0 | 44.778 | 1.245 | 0.0 | 42.344 | 1.308 | 0.0   | 37.951 | 1.24  | 0.0 | 37.569 | 1.257 | 0.0 | 41.256 | 0.948 | 0.0 | 40.605 | 1.078 | 0.0   | 36.889 | 1.011 | 0.0 | 39.047 | 0.992 |
| 105 | 6794 | 6795 | SN | 1 | 0.0 | 47.723 | 5.01  | 0.0 | 50.899 | 5.638 | 0.0   | 46.35  | 3.668 | 0.0 | 45.988 | 4.135 | 0.0 | 47.595 | 4.746 | 0.0 | 50.412 | 5.262 | 0.0   | 47.103 | 3.611 | 0.0 | 47.315 | 3.986 |
| 106 | 6794 | 6795 | NS | 1 | 0.0 | 44.778 | 1.245 | 0.0 | 42.344 | 1.308 | 0.0   | 37.951 | 1.24  | 0.0 | 37.569 | 1.257 | 0.0 | 41.256 | 0.948 | 0.0 | 40.605 | 1.078 | 0.0   | 36.889 | 1.011 | 0.0 | 39.047 | 0.992 |
| 107 | 6794 | 6795 | SN | 1 | 0.0 | 47.388 | 1.568 | 0.0 | 47.03  | 1.598 | 0.0   | 40.007 | 1.083 | 0.0 | 46.141 | 1.255 | 0.0 | 46.652 | 1.453 | 0.0 | 45.361 | 1.464 | 0.0   | 41.162 | 1.003 | 0.0 | 42.07  | 1.184 |
| 108 | 6794 | 6795 | NS | 1 | 0.0 | 43.568 | 3.276 | 0.0 | 51.944 | 3.736 | 0.0   | 42.047 | 3.615 | 0.0 | 38.186 | 3.814 | 0.0 | 43.767 | 2.599 | 0.0 | 48.99  | 2.893 | 0.0   | 39.19  | 3.012 | 0.0 | 39.248 | 3.181 |
| 109 | 6795 | 6796 | SN | 1 | 0.0 | 45.674 | 1.812 | 0.0 | 41.837 | 1.483 | 0.0   | 39.784 | 1.198 | 0.0 | 40.692 | 1.353 | 0.0 | 45.412 | 1.522 | 0.0 | 41.032 | 1.179 | 0.0   | 39.214 | 1.013 | 0.0 | 39.958 | 1.109 |
| 110 | 6795 | 6796 | NS | 1 | 0.0 | 46.822 | 7.534 | 0.0 | 48.458 | 6.518 | 0.289 | 46.285 | 4.899 | 0.0 | 47.352 | 5.55  | 0.0 | 50.728 | 6.468 | 0.0 | 48.053 | 5.71  | 0.089 | 46.948 | 4.21  | 0.0 | 46.66  | 4.794 |
| 111 | 6795 | 6796 | NS | 1 | 0.0 | 40.426 | 2.445 | 0.0 | 47.815 | 2.195 | 0.0   | 46.323 | 1.613 | 0.0 | 43.126 | 1.732 | 0.0 | 40.727 | 1.977 | 0.0 | 46.932 | 1.782 | 0.0   | 45.456 | 1.367 | 0.0 | 39.151 | 1.416 |
| 112 | 6795 | 6796 | NS | 1 | 0.0 | 40.426 | 2.502 | 0.0 | 47.815 | 2.246 | 0.0   | 46.323 | 1.655 | 0.0 | 43.126 | 1.774 | 0.0 | 40.727 | 2.023 | 0.0 | 46.932 | 1.824 | 0.0   | 45.456 | 1.403 | 0.0 | 39.151 | 1.451 |
| 113 | 6795 | 6796 | SN | 1 | 0.0 | 46.012 | 5.786 | 0.0 | 47.607 | 4.732 | 0.0   | 46.142 | 3.521 | 0.0 | 44.914 | 3.807 | 0.0 | 44.489 | 5.258 | 0.0 | 47.995 | 3.918 | 0.0   | 45.966 | 3.123 | 0.0 | 46.131 | 3.294 |
| 114 | 6795 | 6796 | NS | 1 | 0.0 | 40.426 | 2.445 | 0.0 | 47.815 | 2.195 | 0.0   | 46.323 | 1.613 | 0.0 | 43.126 | 1.732 | 0.0 | 40.727 | 1.977 | 0.0 | 46.932 | 1.782 | 0.0   | 45.456 | 1.367 | 0.0 | 39.151 | 1.416 |
| 115 | 6795 | 6796 | SN | 1 | 0.0 | 45.674 | 1.832 | 0.0 | 41.837 | 1.491 | 0.0   | 39.784 | 1.205 | 0.0 | 40.692 | 1.369 | 0.0 | 45.412 | 1.536 | 0.0 | 41.032 | 1.19  | 0.0   | 39.214 | 1.022 | 0.0 | 39.958 | 1.127 |
| 116 | 6795 | 6796 | NS | 1 | 0.0 | 46.822 | 7.362 | 0.0 | 48.458 | 6.386 | 0.0   | 46.285 | 4.792 | 0.0 | 47.352 | 5.436 | 0.0 | 50.728 | 6.32  | 0.0 | 48.053 | 5.594 | 0.0   | 46.948 | 4.111 | 0.0 | 46.66  | 4.696 |
| 117 | 6795 | 6796 | NS | 1 | 0.0 | 46.822 | 7.362 | 0.0 | 48.458 | 6.386 | 0.0   | 46.285 | 4.792 | 0.0 | 47.352 | 5.436 | 0.0 | 50.728 | 6.32  | 0.0 | 48.053 | 5.594 | 0.0   | 46.948 | 4.111 | 0.0 | 46.66  | 4.696 |
| 118 | 6795 | 6796 | SN | 1 | 0.0 | 46.012 | 5.837 | 0.0 | 47.607 | 4.732 | 0.0   | 46.142 | 3.536 | 0.0 | 44.914 | 3.836 | 0.0 | 44.489 | 5.299 | 0.0 | 47.995 | 3.918 | 0.0   | 45.966 | 3.123 | 0.0 | 46.131 | 3.323 |
| 119 | 6796 | 6797 | SN | 1 | 0.0 | 44.182 | 1.61  | 0.0 | 50.861 | 1.491 | 0.0   | 36.836 | 1.253 | 0.0 | 35.692 | 1.419 | 0.0 | 42.086 | 1.377 | 0.0 | 54.606 | 1.317 | 0.0   | 35.992 | 1.127 | 0.0 | 35.446 | 1.257 |
| 120 | 6796 | 6797 | NS | 1 | 0.0 | 50.247 | 7.7   | 0.0 | 53.303 | 8.145 | 0.0   | 45.813 | 6.014 | 0.0 | 49.328 | 6.46  | 0.0 | 51.111 | 7.057 | 0.0 | 54.002 | 7.615 | 0.0   | 45.493 | 5.683 | 0.0 | 49.954 | 6.201 |
| 121 | 6796 | 6797 | SN | 1 | 0.0 | 49.77  | 4.669 | 0.0 | 51.803 | 4.367 | 0.0   | 35.426 | 3.945 | 0.0 | 39.111 | 4.343 | 0.0 | 46.806 | 4.191 | 0.0 | 47.967 | 3.899 | 0.0   | 34.124 | 3.82  | 0.0 | 38.046 | 4.109 |
| 122 | 6796 | 6797 | SN | 1 | 0.0 | 49.77  | 4.375 | 0.0 | 51.803 | 4.05  | 0.0   | 36.627 | 3.692 | 0.0 | 39.111 | 3.993 | 0.0 | 46.806 | 3.898 | 0.0 | 47.967 | 3.562 | 0.0   | 35.13  | 3.543 | 0.0 | 38.046 | 3.765 |
| 123 | 6796 | 6797 | SN | 1 | 0.0 | 49.77  | 4.365 | 0.0 | 51.803 | 4.05  | 0.0   | 37.321 | 3.692 | 0.0 | 39.111 | 3.993 | 0.0 | 46.806 | 3.898 | 0.0 | 47.967 | 3.562 | 0.0   | 35.823 | 3.543 | 0.0 | 38.046 | 3.765 |
| 124 | 6796 | 6797 | NS | 1 | 0.0 | 50.247 | 7.076 | 0.0 | 53.303 | 7.235 | 0.0   | 45.813 | 5.718 | 0.0 | 49.328 | 5.739 | 0.0 | 51.111 | 6.449 | 0.0 | 54.002 | 6.758 | 0.0   | 45.493 | 5.371 | 0.0 | 49.954 | 5.49  |
| 125 | 6796 | 6797 | NS | 1 | 0.0 | 50.247 | 7.076 | 0.0 | 53.303 | 7.235 | 0.0   | 45.813 | 5.718 | 0.0 | 49.328 | 5.739 | 0.0 | 51.111 | 6.449 | 0.0 | 54.002 | 6.758 | 0.0   | 45.493 | 5.371 | 0.0 | 49.954 | 5.49  |
| 126 | 6796 | 6797 | NS | 1 | 0.0 | 46.61  | 2.757 | 0.0 | 49.795 | 2.687 | 0.0   | 42.736 | 1.959 | 0.0 | 48.22  | 1.953 | 0.0 | 45.189 | 2.437 | 0.0 | 49.131 | 2.444 | 0.0   | 44.424 | 1.778 | 0.0 | 47.456 | 1.791 |
| 127 | 6796 | 6797 | SN | 1 | 0.0 | 44.182 | 1.734 | 0.0 | 50.861 | 1.615 | 0.0   | 36.836 | 1.358 | 0.0 | 35.692 | 1.543 | 0.0 | 42.086 | 1.486 | 0.0 | 54.606 | 1.434 | 0.0   | 35.992 | 1.221 | 0.0 | 35.446 | 1.369 |
| 128 | 6796 | 6797 | SN | 1 | 0.0 | 44.182 | 1.606 | 0.0 | 50.861 | 1.493 | 0.0   | 36.836 | 1.254 | 0.0 | 35.692 | 1.419 | 0.0 | 45.383 | 1.377 | 0.0 | 54.606 | 1.319 | 0.0   | 35.992 | 1.128 | 0.0 | 35.446 | 1.257 |
| 129 | 6796 | 6797 | NS | 1 | 0.0 | 46.61  | 2.539 | 0.0 | 49.795 | 2.378 | 0.0   | 42.736 | 1.848 | 0.0 | 48.22  | 1.73  | 0.0 | 45.189 | 2.258 | 0.0 | 49.131 | 2.164 | 0.0   | 44.424 | 1.689 | 0.0 | 47.456 | 1.583 |
| 130 | 6796 | 6797 | NS | 1 | 0.0 | 46.61  | 2.539 | 0.0 | 49.795 | 2.378 | 0.0   | 42.736 | 1.848 | 0.0 | 48.22  | 1.73  | 0.0 | 45.189 | 2.258 | 0.0 | 49.131 | 2.164 | 0.0   | 44.424 | 1.689 | 0.0 | 47.456 | 1.583 |
| 131 | 6797 | 6798 | SN | 1 | 0.0 | 42.689 | 1.173 | 0.0 | 37.832 | 0.926 | 0.0   | 45.536 | 0.834 | 0.0 | 36.214 | 0.861 | 0.0 | 42.117 | 0.975 | 0.0 | 38.555 | 0.812 | 0.0   | 41.228 | 0.776 | 0.0 | 34.444 | 0.797 |
| 132 | 6797 | 6798 | SN | 1 | 0.0 | 47.252 | 4.397 | 0.0 | 42.086 | 3.806 | 0.0   | 44.902 | 2.845 | 0.0 | 39.216 | 2.945 | 0.0 | 46.741 | 3.65  | 0.0 | 44.956 | 3.389 | 0.0   | 42.718 | 2.748 | 0.0 | 37.274 | 2.728 |
| 133 | 6797 | 6798 | SN | 1 | 0.0 | 42.689 | 1.117 | 0.0 | 37.832 | 0.881 | 0.0   | 45.536 | 0.808 | 0.0 | 36.214 | 0.824 | 0.0 | 42.117 | 0.927 | 0.0 | 38.555 | 0.773 | 0.0   | 41.228 | 0.748 | 0.0 | 34.444 | 0.762 |
| 134 | 6797 | 6798 | NS | 1 | 0.0 | 51.393 | 9.643 | 0.0 | 56.142 | 9.395 | 0.0   | 52.295 | 6.637 | 0.0 | 53.887 | 6.827 | 0.0 | 51.778 | 8.651 | 0.0 | 57.216 | 8.492 | 0.0   | 51.595 | 5.928 | 0.0 | 48.71  | 5.938 |
| 135 | 6797 | 6798 | SN | 1 | 0.0 | 42.689 | 1.117 | 0.0 | 37.832 | 0.881 | 0.0   | 45.536 | 0.808 | 0.0 | 36.214 | 0.824 | 0.0 | 42.117 | 0.927 | 0.0 | 38.555 | 0.773 | 0.0   | 41.228 | 0.748 | 0.0 | 34.444 | 0.762 |
| 136 | 6797 | 6798 | NS | 1 | 0.0 | 51.422 | 9.552 | 0.0 | 58.891 | 9.406 | 0.0   | 48.614 | 6.616 | 0.0 | 51.78  | 6.785 | 0.0 | 53.022 | 8.56  | 0.0 | 59.963 | 8.453 | 0.0   | 50.566 | 6.028 | 0.0 | 53.918 | 5.931 |
| 137 | 6797 | 6798 | NS | 1 | 0.0 | 49.702 | 3.149 | 0.0 | 49.982 | 2.962 | 0.0   | 45.647 | 1.832 | 0.0 | 47.723 | 1.879 | 0.0 | 48.0   | 2.656 | 0.0 | 50.847 | 2.62  | 0.0   | 42.807 | 1.525 | 0.0 | 46.962 | 1.498 |
| 138 | 6797 | 6798 | SN | 1 | 0.0 | 47.252 | 4.222 | 0.0 | 42.086 | 3.622 | 0.0   | 44.902 | 2.774 | 0.0 | 39.216 | 2.816 | 0.0 | 46.741 | 3.491 | 0.0 | 44.956 | 3.225 | 0.0   | 42.718 | 2.66  | 0.0 | 37.274 | 2.602 |
| 139 | 6797 | 6798 | SN | 1 | 0.0 | 47.252 | 4.222 | 0.0 | 42.086 | 3.622 | 0.0   | 44.902 | 2.774 | 0.0 | 39.216 | 2.816 | 0.0 | 46.741 | 3.491 | 0.0 | 44.956 | 3.225 | 0.0   | 42.718 | 2.66  | 0.0 | 37.274 | 2.602 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|                          | Range      | 20.0 | 20.0   |        |            |

|     |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 140 | 6797 | 6798 | NS | 1 | 0.0 | 46.676 | 3.1   | 0.0 | 51.769 | 2.989 | 0.0 | 45.664 | 1.876 | 0.0 | 49.895 | 1.875 | 0.0 | 46.063 | 2.624 | 0.0 | 50.888 | 2.626 | 0.0 | 45.644 | 1.548 | 0.0 | 46.972 | 1.537 |
| 141 | 6798 | 6799 | SN | 1 | 0.0 | 43.587 | 7.09  | 0.0 | 54.861 | 6.47  | 0.0 | 49.196 | 6.768 | 0.0 | 47.47  | 6.614 | 0.0 | 44.718 | 7.131 | 0.0 | 51.135 | 6.326 | 0.0 | 46.917 | 7.079 | 0.0 | 47.045 | 6.476 |
| 142 | 6798 | 6799 | SN | 1 | 0.0 | 43.587 | 6.982 | 0.0 | 54.861 | 6.372 | 0.0 | 49.196 | 6.665 | 0.0 | 47.47  | 6.512 | 0.0 | 44.718 | 7.023 | 0.0 | 51.135 | 6.229 | 0.0 | 46.917 | 6.971 | 0.0 | 47.045 | 6.377 |
| 143 | 6798 | 6799 | SN | 1 | 0.0 | 48.433 | 2.537 | 0.0 | 45.414 | 2.499 | 0.0 | 40.069 | 2.202 | 0.0 | 42.03  | 2.058 | 0.0 | 48.409 | 2.571 | 0.0 | 41.587 | 2.444 | 0.0 | 41.225 | 2.24  | 0.0 | 39.436 | 1.989 |
| 144 | 6798 | 6799 | NS | 1 | 0.0 | 57.428 | 8.783 | 0.0 | 51.772 | 8.016 | 0.0 | 48.059 | 6.233 | 0.0 | 47.027 | 6.194 | 0.0 | 58.076 | 8.105 | 0.0 | 53.392 | 7.56  | 0.0 | 45.924 | 5.864 | 0.0 | 47.095 | 5.775 |
| 145 | 6798 | 6799 | SN | 1 | 0.0 | 48.433 | 2.498 | 0.0 | 45.414 | 2.464 | 0.0 | 40.069 | 2.169 | 0.0 | 42.03  | 2.03  | 0.0 | 48.409 | 2.532 | 0.0 | 41.587 | 2.41  | 0.0 | 41.225 | 2.206 | 0.0 | 39.436 | 1.961 |
| 146 | 6798 | 6799 | NS | 1 | 0.0 | 49.725 | 2.854 | 0.0 | 48.304 | 2.687 | 0.0 | 41.928 | 1.864 | 0.0 | 40.708 | 1.874 | 0.0 | 44.526 | 2.582 | 0.0 | 51.195 | 2.419 | 0.0 | 41.477 | 1.692 | 0.0 | 42.859 | 1.73  |
| 147 | 6799 | 6800 | SN | 1 | 0.0 | 45.718 | 2.263 | 0.0 | 39.565 | 2.154 | 0.0 | 39.609 | 1.954 | 0.0 | 39.619 | 1.9   | 0.0 | 44.82  | 2.125 | 0.0 | 40.591 | 1.969 | 0.0 | 37.793 | 1.794 | 0.0 | 39.497 | 1.781 |
| 148 | 6799 | 6800 | NS | 1 | 0.0 | 50.208 | 4.774 | 0.0 | 51.804 | 4.913 | 0.0 | 47.971 | 4.013 | 0.0 | 45.175 | 4.46  | 0.0 | 48.707 | 4.096 | 0.0 | 48.495 | 4.354 | 0.0 | 45.602 | 4.027 | 0.0 | 42.369 | 4.133 |
| 149 | 6799 | 6800 | NS | 1 | 0.0 | 50.208 | 4.784 | 0.0 | 51.804 | 4.913 | 0.0 | 47.971 | 4.013 | 0.0 | 45.175 | 4.46  | 0.0 | 48.707 | 4.096 | 0.0 | 48.495 | 4.354 | 0.0 | 45.602 | 4.027 | 0.0 | 42.369 | 4.133 |
| 150 | 6799 | 6800 | SN | 1 | 0.0 | 44.473 | 6.654 | 0.0 | 52.918 | 5.869 | 0.0 | 40.521 | 5.205 | 0.0 | 46.843 | 5.632 | 0.0 | 46.05  | 6.441 | 0.0 | 52.821 | 5.767 | 0.0 | 40.783 | 5.006 | 0.0 | 47.325 | 5.262 |
| 151 | 6799 | 6800 | NS | 1 | 0.0 | 50.045 | 1.72  | 0.0 | 40.836 | 1.576 | 0.0 | 41.447 | 1.359 | 0.0 | 40.751 | 1.44  | 0.0 | 48.856 | 1.515 | 0.0 | 41.709 | 1.455 | 0.0 | 39.735 | 1.293 | 0.0 | 40.99  | 1.321 |
| 152 | 6799 | 6800 | SN | 1 | 0.0 | 44.473 | 6.743 | 0.0 | 52.918 | 5.944 | 0.0 | 40.521 | 5.275 | 0.0 | 46.843 | 5.706 | 0.0 | 46.05  | 6.528 | 0.0 | 52.821 | 5.841 | 0.0 | 40.783 | 5.073 | 0.0 | 47.325 | 5.33  |
| 153 | 6799 | 6800 | SN | 1 | 0.0 | 47.838 | 6.692 | 0.0 | 51.472 | 5.821 | 0.0 | 42.481 | 5.253 | 0.0 | 46.82  | 5.684 | 0.0 | 46.537 | 6.476 | 0.0 | 51.375 | 5.738 | 0.0 | 41.657 | 5.109 | 0.0 | 47.302 | 5.381 |
| 154 | 6799 | 6800 | NS | 1 | 0.0 | 50.045 | 1.72  | 0.0 | 40.836 | 1.576 | 0.0 | 41.447 | 1.359 | 0.0 | 40.751 | 1.44  | 0.0 | 48.856 | 1.515 | 0.0 | 41.709 | 1.455 | 0.0 | 39.735 | 1.293 | 0.0 | 40.99  | 1.321 |
| 155 | 6799 | 6800 | SN | 1 | 0.0 | 45.718 | 2.233 | 0.0 | 39.565 | 2.13  | 0.0 | 39.609 | 1.929 | 0.0 | 39.619 | 1.88  | 0.0 | 44.82  | 2.098 | 0.0 | 40.591 | 1.946 | 0.0 | 37.793 | 1.77  | 0.0 | 39.497 | 1.762 |
| 156 | 6799 | 6800 | SN | 1 | 0.0 | 48.386 | 2.272 | 0.0 | 40.152 | 2.177 | 0.0 | 39.035 | 1.945 | 0.0 | 39.382 | 1.891 | 0.0 | 47.49  | 2.128 | 0.0 | 42.152 | 1.971 | 0.0 | 37.22  | 1.778 | 0.0 | 38.117 | 1.761 |
| 157 | 6800 | 6801 | NS | 1 | 0.0 | 47.428 | 4.592 | 0.0 | 52.938 | 5.309 | 0.0 | 44.049 | 3.815 | 0.0 | 47.935 | 4.353 | 0.0 | 49.661 | 4.015 | 0.0 | 50.915 | 4.791 | 0.0 | 42.885 | 3.403 | 0.0 | 47.487 | 3.983 |
| 158 | 6800 | 6801 | NS | 1 | 0.0 | 51.52  | 1.592 | 0.0 | 41.661 | 1.709 | 0.0 | 39.679 | 1.268 | 0.0 | 41.938 | 1.454 | 0.0 | 49.501 | 1.292 | 0.0 | 45.183 | 1.425 | 0.0 | 39.717 | 1.107 | 0.0 | 38.735 | 1.291 |
| 159 | 6800 | 6801 | SN | 1 | 0.0 | 40.429 | 1.885 | 0.0 | 39.968 | 1.518 | 0.0 | 39.815 | 1.396 | 0.0 | 39.456 | 1.437 | 0.0 | 39.918 | 1.429 | 0.0 | 37.966 | 1.211 | 0.0 | 39.363 | 1.128 | 0.0 | 36.979 | 1.124 |
| 160 | 6800 | 6801 | SN | 1 | 0.0 | 43.602 | 5.336 | 0.0 | 41.979 | 4.272 | 0.0 | 46.415 | 3.819 | 0.0 | 44.651 | 4.085 | 0.0 | 41.901 | 4.382 | 0.0 | 42.04  | 3.641 | 0.0 | 46.657 | 3.363 | 0.0 | 43.464 | 3.5   |
| 161 | 6800 | 6801 | SN | 1 | 0.0 | 43.602 | 5.44  | 0.0 | 41.979 | 4.349 | 0.0 | 46.415 | 3.894 | 0.0 | 44.651 | 4.16  | 0.0 | 41.901 | 4.467 | 0.0 | 42.04  | 3.707 | 0.0 | 46.657 | 3.43  | 0.0 | 43.464 | 3.564 |
| 162 | 6800 | 6801 | NS | 1 | 0.0 | 51.52  | 1.592 | 0.0 | 41.661 | 1.709 | 0.0 | 39.679 | 1.268 | 0.0 | 41.938 | 1.454 | 0.0 | 49.501 | 1.292 | 0.0 | 45.183 | 1.425 | 0.0 | 39.717 | 1.107 | 0.0 | 38.735 | 1.291 |
| 163 | 6800 | 6801 | NS | 1 | 0.0 | 47.428 | 4.592 | 0.0 | 52.938 | 5.309 | 0.0 | 44.049 | 3.815 | 0.0 | 47.935 | 4.353 | 0.0 | 49.661 | 4.015 | 0.0 | 50.915 | 4.791 | 0.0 | 42.885 | 3.403 | 0.0 | 47.487 | 3.983 |
| 164 | 6800 | 6801 | SN | 1 | 0.0 | 40.429 | 1.849 | 0.0 | 39.968 | 1.493 | 0.0 | 39.815 | 1.369 | 0.0 | 39.456 | 1.413 | 0.0 | 39.918 | 1.401 | 0.0 | 37.966 | 1.192 | 0.0 | 39.363 | 1.106 | 0.0 | 36.979 | 1.105 |
| 165 | 6801 | 6802 | NS | 1 | 0.0 | 50.974 | 4.196 | 0.0 | 49.608 | 4.284 | 0.0 | 45.833 | 4.047 | 0.0 | 42.408 | 4.092 | 0.0 | 48.16  | 3.569 | 0.0 | 48.886 | 3.848 | 0.0 | 46.162 | 3.58  | 0.0 | 42.448 | 3.743 |
| 166 | 6801 | 6802 | NS | 1 | 0.0 | 49.368 | 1.454 | 0.0 | 47.504 | 1.487 | 0.0 | 43.301 | 1.116 | 0.0 | 42.413 | 1.136 | 0.0 | 49.697 | 1.295 | 0.0 | 45.717 | 1.313 | 0.0 | 43.144 | 1.017 | 0.0 | 39.903 | 1.04  |
| 167 | 6801 | 6802 | SN | 1 | 0.0 | 42.541 | 4.446 | 0.0 | 43.109 | 3.572 | 0.0 | 39.404 | 3.13  | 0.0 | 43.585 | 3.601 | 0.0 | 38.452 | 3.593 | 0.0 | 39.675 | 3.236 | 0.0 | 40.668 | 2.646 | 0.0 | 39.133 | 2.93  |
| 168 | 6801 | 6802 | SN | 1 | 0.0 | 44.878 | 1.454 | 0.0 | 44.719 | 1.317 | 0.0 | 36.86  | 1.144 | 0.0 | 40.683 | 1.252 | 0.0 | 42.94  | 1.126 | 0.0 | 41.746 | 1.04  | 0.0 | 34.018 | 0.894 | 0.0 | 36.321 | 0.965 |
| 169 | 6801 | 6802 | SN | 1 | 0.0 | 42.215 | 4.415 | 0.0 | 41.283 | 3.643 | 0.0 | 39.374 | 3.102 | 0.0 | 43.871 | 3.551 | 0.0 | 38.125 | 3.512 | 0.0 | 39.421 | 3.277 | 0.0 | 40.484 | 2.696 | 0.0 | 39.419 | 2.966 |
| 170 | 6801 | 6802 | NS | 1 | 0.0 | 50.974 | 4.196 | 0.0 | 49.608 | 4.284 | 0.0 | 45.833 | 4.047 | 0.0 | 42.408 | 4.092 | 0.0 | 48.16  | 3.569 | 0.0 | 48.886 | 3.848 | 0.0 | 46.162 | 3.58  | 0.0 | 42.448 | 3.743 |
| 171 | 6801 | 6802 | SN | 1 | 0.0 | 42.677 | 1.454 | 0.0 | 37.721 | 1.319 | 0.0 | 37.29  | 1.112 | 0.0 | 39.495 | 1.261 | 0.0 | 40.691 | 1.149 | 0.0 | 37.821 | 1.063 | 0.0 | 35.586 | 0.883 | 0.0 | 35.732 | 0.965 |
| 172 | 6801 | 6802 | NS | 1 | 0.0 | 49.368 | 1.452 | 0.0 | 47.504 | 1.487 | 0.0 | 43.301 | 1.116 | 0.0 | 42.413 | 1.136 | 0.0 | 49.697 | 1.292 | 0.0 | 45.717 | 1.313 | 0.0 | 43.144 | 1.017 | 0.0 | 39.903 | 1.04  |
| 173 | 6802 | 6803 | SN | 1 | 0.0 | 48.141 | 8.415 | 0.0 | 45.677 | 7.348 | 0.0 | 39.507 | 5.961 | 0.0 | 42.162 | 5.854 | 0.0 | 47.127 | 7.552 | 0.0 | 45.83  | 6.666 | 0.0 | 38.84  | 5.535 | 0.0 | 42.218 | 5.312 |
| 174 | 6802 | 6803 | SN | 1 | 0.0 | 48.141 | 8.796 | 0.0 | 45.677 | 7.659 | 0.0 | 39.507 | 6.211 | 0.0 | 42.162 | 6.106 | 0.0 | 47.127 | 7.894 | 0.0 | 45.83  | 6.967 | 0.0 | 38.84  | 5.78  | 0.0 | 42.218 | 5.539 |
| 175 | 6802 | 6803 | NS | 1 | 0.0 | 46.916 | 2.792 | 0.0 | 45.149 | 2.406 | 0.0 | 43.03  | 2.225 | 0.0 | 42.68  | 1.945 | 0.0 | 46.649 | 2.698 | 0.0 | 45.147 | 2.282 | 0.0 | 45.442 | 2.122 | 0.0 | 44.196 | 1.846 |

| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|--------------------------|------------|------|--------|--------|------------|
|                          | Range      | 20.0 | 20.0   |        |            |

|     |      |      |    |   |     |        |        |     |        |       |     |        |       |     |        |       |     |        |        |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 6802 | 6803 | SN | 1 | 0.0 | 48.141 | 8.415  | 0.0 | 45.677 | 7.348 | 0.0 | 39.507 | 5.961 | 0.0 | 42.162 | 5.861 | 0.0 | 47.127 | 7.552  | 0.0 | 45.83  | 6.666 | 0.0 | 38.84  | 5.535 | 0.0 | 42.218 | 5.312 |
| 177 | 6802 | 6803 | NS | 1 | 0.0 | 49.201 | 8.657  | 0.0 | 50.791 | 7.204 | 0.0 | 44.606 | 6.833 | 0.0 | 52.485 | 6.195 | 0.0 | 48.742 | 8.354  | 0.0 | 50.836 | 6.991 | 0.0 | 46.513 | 6.472 | 0.0 | 53.19  | 6.025 |
| 178 | 6802 | 6803 | SN | 1 | 0.0 | 44.835 | 2.707  | 0.0 | 46.323 | 2.337 | 0.0 | 46.419 | 2.056 | 0.0 | 43.294 | 1.816 | 0.0 | 45.895 | 2.35   | 0.0 | 42.689 | 2.035 | 0.0 | 41.955 | 1.864 | 0.0 | 43.683 | 1.602 |
| 179 | 6802 | 6803 | NS | 1 | 0.0 | 55.263 | 8.556  | 0.0 | 52.386 | 7.326 | 0.0 | 45.904 | 6.798 | 0.0 | 49.219 | 6.046 | 0.0 | 55.08  | 8.202  | 0.0 | 50.355 | 6.92  | 0.0 | 47.81  | 6.429 | 0.0 | 49.391 | 5.875 |
| 180 | 6802 | 6803 | SN | 1 | 0.0 | 44.835 | 2.707  | 0.0 | 46.323 | 2.337 | 0.0 | 46.419 | 2.056 | 0.0 | 43.294 | 1.816 | 0.0 | 45.895 | 2.35   | 0.0 | 42.689 | 2.035 | 0.0 | 41.955 | 1.864 | 0.0 | 43.683 | 1.602 |
| 181 | 6802 | 6803 | SN | 1 | 0.0 | 44.835 | 2.83   | 0.0 | 46.323 | 2.44  | 0.0 | 46.419 | 2.146 | 0.0 | 43.294 | 1.899 | 0.0 | 45.895 | 2.457  | 0.0 | 42.689 | 2.127 | 0.0 | 41.955 | 1.946 | 0.0 | 43.683 | 1.676 |
| 182 | 6802 | 6803 | NS | 1 | 0.0 | 43.472 | 2.801  | 0.0 | 45.644 | 2.442 | 0.0 | 42.057 | 2.186 | 0.0 | 42.886 | 1.888 | 0.0 | 40.628 | 2.675  | 0.0 | 45.647 | 2.27  | 0.0 | 45.086 | 2.11  | 0.0 | 43.099 | 1.762 |
| 183 | 6803 | 6804 | SN | 1 | 0.0 | 50.437 | 8.389  | 0.0 | 51.411 | 7.392 | 0.0 | 42.464 | 5.332 | 0.0 | 50.356 | 5.813 | 0.0 | 51.664 | 7.848  | 0.0 | 51.312 | 7.024 | 0.0 | 44.233 | 4.952 | 0.0 | 47.762 | 5.144 |
| 184 | 6803 | 6804 | NS | 1 | 0.0 | 49.306 | 7.433  | 0.0 | 49.116 | 6.606 | 0.0 | 41.164 | 5.571 | 0.0 | 42.717 | 5.719 | 0.0 | 50.205 | 6.23   | 0.0 | 47.244 | 5.693 | 0.0 | 41.898 | 4.855 | 0.0 | 41.231 | 4.979 |
| 185 | 6803 | 6804 | NS | 1 | 0.0 | 48.95  | 7.501  | 0.0 | 44.654 | 6.566 | 0.0 | 39.857 | 5.81  | 0.0 | 45.103 | 5.825 | 0.0 | 50.469 | 6.106  | 0.0 | 44.086 | 5.45  | 0.0 | 41.819 | 5.03  | 0.0 | 43.285 | 5.106 |
| 186 | 6803 | 6804 | SN | 1 | 0.0 | 52.112 | 2.642  | 0.0 | 51.073 | 2.388 | 0.0 | 45.711 | 1.548 | 0.0 | 46.842 | 1.647 | 0.0 | 50.692 | 2.314  | 0.0 | 47.836 | 2.185 | 0.0 | 44.241 | 1.404 | 0.0 | 45.812 | 1.448 |
| 187 | 6803 | 6804 | NS | 1 | 0.0 | 49.199 | 2.605  | 0.0 | 44.139 | 2.304 | 0.0 | 38.666 | 2.02  | 0.0 | 40.013 | 1.778 | 0.0 | 51.946 | 2.193  | 0.0 | 42.788 | 1.838 | 0.0 | 36.962 | 1.68  | 0.0 | 37.957 | 1.467 |
| 188 | 6803 | 6804 | NS | 1 | 0.0 | 46.286 | 2.602  | 0.0 | 44.964 | 2.18  | 0.0 | 38.612 | 1.911 | 0.0 | 40.91  | 1.854 | 0.0 | 47.446 | 2.037  | 0.0 | 45.974 | 1.749 | 0.0 | 36.043 | 1.563 | 0.0 | 42.243 | 1.445 |
| 189 | 6803 | 6804 | SN | 1 | 0.0 | 47.465 | 2.504  | 0.0 | 51.99  | 2.239 | 0.0 | 41.084 | 1.487 | 0.0 | 42.982 | 1.562 | 0.0 | 43.6   | 2.253  | 0.0 | 50.679 | 2.076 | 0.0 | 40.579 | 1.29  | 0.0 | 43.34  | 1.332 |
| 190 | 6803 | 6804 | SN | 1 | 0.0 | 52.112 | 2.476  | 0.0 | 51.073 | 2.25  | 0.0 | 45.711 | 1.459 | 0.0 | 46.842 | 1.562 | 0.0 | 50.692 | 2.169  | 0.0 | 47.836 | 2.058 | 0.0 | 44.241 | 1.322 | 0.0 | 45.812 | 1.367 |
| 191 | 6803 | 6804 | SN | 1 | 0.0 | 48.092 | 7.846  | 0.0 | 54.092 | 7.083 | 0.0 | 45.813 | 5.158 | 0.0 | 48.404 | 5.276 | 0.0 | 46.367 | 7.4    | 0.0 | 53.991 | 6.778 | 0.0 | 45.676 | 4.731 | 0.0 | 50.148 | 4.663 |
| 192 | 6803 | 6804 | SN | 1 | 0.0 | 50.437 | 7.866  | 0.0 | 51.411 | 7.083 | 0.0 | 42.464 | 5.022 | 0.0 | 50.356 | 5.526 | 0.0 | 51.664 | 7.359  | 0.0 | 51.312 | 6.707 | 0.0 | 44.233 | 4.652 | 0.0 | 47.762 | 4.877 |
| 193 | 6804 | 6805 | SN | 1 | 0.0 | 52.931 | 3.309  | 0.0 | 46.998 | 2.944 | 0.0 | 45.438 | 1.768 | 0.0 | 45.397 | 1.8   | 0.0 | 51.041 | 3.065  | 0.0 | 47.053 | 2.611 | 0.0 | 47.72  | 1.692 | 0.0 | 43.887 | 1.553 |
| 194 | 6804 | 6805 | SN | 1 | 0.0 | 52.931 | 3.306  | 0.0 | 46.998 | 2.942 | 0.0 | 45.438 | 1.766 | 0.0 | 45.397 | 1.797 | 0.0 | 51.041 | 3.065  | 0.0 | 47.053 | 2.602 | 0.0 | 47.72  | 1.693 | 0.0 | 43.887 | 1.547 |
| 195 | 6804 | 6805 | SN | 1 | 0.0 | 52.931 | 3.568  | 0.0 | 46.998 | 3.167 | 0.0 | 45.438 | 1.911 | 0.0 | 45.397 | 1.889 | 0.0 | 51.041 | 3.318  | 0.0 | 47.053 | 2.817 | 0.0 | 47.72  | 1.831 | 0.0 | 43.887 | 1.633 |
| 196 | 6804 | 6805 | NS | 1 | 0.0 | 50.349 | 4.763  | 0.0 | 48.514 | 4.627 | 0.0 | 50.579 | 3.452 | 0.0 | 42.754 | 3.428 | 0.0 | 47.415 | 4.338  | 0.0 | 48.373 | 4.363 | 0.0 | 51.643 | 3.204 | 0.0 | 42.252 | 3.059 |
| 197 | 6804 | 6805 | NS | 1 | 0.0 | 44.971 | 1.506  | 0.0 | 43.339 | 1.447 | 0.0 | 42.349 | 1.095 | 0.0 | 39.535 | 1.158 | 0.0 | 41.885 | 1.29   | 0.0 | 41.942 | 1.308 | 0.0 | 38.432 | 1.01  | 0.0 | 37.557 | 1.086 |
| 198 | 6804 | 6805 | SN | 1 | 0.0 | 51.575 | 10.901 | 0.0 | 54.213 | 9.693 | 0.0 | 45.486 | 6.972 | 0.0 | 43.499 | 6.734 | 0.0 | 49.499 | 10.578 | 0.0 | 52.295 | 9.147 | 0.0 | 43.726 | 6.613 | 0.0 | 42.997 | 6.117 |
| 199 | 6804 | 6805 | SN | 1 | 0.0 | 51.575 | 10.211 | 0.0 | 54.213 | 9.231 | 0.0 | 45.486 | 6.459 | 0.0 | 43.499 | 6.431 | 0.0 | 49.499 | 9.866  | 0.0 | 52.295 | 8.671 | 0.0 | 43.726 | 6.089 | 0.0 | 42.997 | 5.832 |
| 200 | 6804 | 6805 | SN | 1 | 0.0 | 51.575 | 10.221 | 0.0 | 54.213 | 9.2   | 0.0 | 45.486 | 6.459 | 0.0 | 43.499 | 6.431 | 0.0 | 49.499 | 9.876  | 0.0 | 52.295 | 8.651 | 0.0 | 43.726 | 6.089 | 0.0 | 42.997 | 5.818 |
| 201 | 6805 | 6806 | NS | 1 | 0.0 | 49.207 | 5.333  | 0.0 | 48.231 | 4.81  | 0.0 | 45.536 | 3.964 | 0.0 | 47.912 | 4.324 | 0.0 | 47.571 | 4.837  | 0.0 | 48.466 | 4.414 | 0.0 | 43.547 | 3.822 | 0.0 | 49.19  | 4.111 |
| 202 | 6805 | 6806 | NS | 1 | 0.0 | 51.113 | 5.252  | 0.0 | 47.683 | 4.699 | 0.0 | 43.859 | 3.921 | 0.0 | 49.106 | 4.217 | 0.0 | 51.482 | 4.867  | 0.0 | 47.914 | 4.283 | 0.0 | 44.511 | 3.801 | 0.0 | 50.386 | 4.04  |
| 203 | 6805 | 6806 | NS | 1 | 0.0 | 41.342 | 2.039  | 0.0 | 46.438 | 1.786 | 0.0 | 43.059 | 1.269 | 0.0 | 39.052 | 1.381 | 0.0 | 45.152 | 1.78   | 0.0 | 45.026 | 1.621 | 0.0 | 39.919 | 1.14  | 0.0 | 39.628 | 1.226 |
| 204 | 6805 | 6806 | SN | 1 | 0.0 | 48.212 | 2.503  | 0.0 | 42.762 | 2.332 | 0.0 | 45.649 | 1.607 | 0.0 | 45.431 | 1.652 | 0.0 | 46.484 | 2.349  | 0.0 | 44.531 | 2.205 | 0.0 | 48.66  | 1.533 | 0.0 | 41.744 | 1.588 |
| 205 | 6805 | 6806 | SN | 1 | 0.0 | 56.182 | 7.763  | 0.0 | 50.545 | 7.701 | 0.0 | 50.265 | 5.584 | 0.0 | 50.098 | 5.789 | 0.0 | 56.73  | 7.347  | 0.0 | 51.939 | 7.406 | 0.0 | 49.187 | 5.42  | 0.0 | 51.414 | 5.511 |
| 206 | 6805 | 6806 | NS | 1 | 0.0 | 42.481 | 2.025  | 0.0 | 45.295 | 1.797 | 0.0 | 43.926 | 1.253 | 0.0 | 41.811 | 1.342 | 0.0 | 46.33  | 1.777  | 0.0 | 43.882 | 1.641 | 0.0 | 42.063 | 1.143 | 0.0 | 39.958 | 1.187 |
| 207 | 6806 | 6807 | NS | 1 | 0.0 | 50.267 | 2.97   | 0.0 | 44.968 | 2.611 | 0.0 | 38.765 | 2.04  | 0.0 | 36.757 | 2.053 | 0.0 | 50.975 | 2.601  | 0.0 | 45.097 | 2.345 | 0.0 | 38.913 | 1.896 | 0.0 | 38.18  | 1.754 |
| 208 | 6806 | 6807 | NS | 1 | 0.0 | 50.788 | 2.961  | 0.0 | 45.536 | 2.627 | 0.0 | 37.888 | 2.084 | 0.0 | 47.244 | 2.064 | 0.0 | 51.498 | 2.648  | 0.0 | 45.095 | 2.352 | 0.0 | 36.737 | 1.914 | 0.0 | 42.73  | 1.764 |
| 209 | 6806 | 6807 | NS | 1 | 0.0 | 50.298 | 8.021  | 0.0 | 52.001 | 6.892 | 0.0 | 39.985 | 5.878 | 0.0 | 49.291 | 6.288 | 0.0 | 50.32  | 7.272  | 0.0 | 52.325 | 6.202 | 0.0 | 44.209 | 5.608 | 0.0 | 48.944 | 5.776 |
| 210 | 6806 | 6807 | NS | 1 | 0.0 | 49.834 | 7.909  | 0.0 | 51.235 | 6.872 | 0.0 | 39.982 | 5.793 | 0.0 | 47.737 | 6.274 | 0.0 | 49.855 | 7.161  | 0.0 | 51.553 | 6.192 | 0.0 | 43.89  | 5.545 | 0.0 | 47.394 | 5.769 |
| 211 | 6806 | 6807 | SN | 1 | 0.0 | 41.013 | 1.854  | 0.0 | 42.648 | 1.464 | 0.0 | 37.654 | 1.204 | 0.0 | 40.067 | 1.198 | 0.0 | 40.296 | 1.589  | 0.0 | 41.73  | 1.321 | 0.0 | 37.971 | 1.083 | 0.0 | 36.594 | 1.024 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|                          | Range      | 20.0 | 20.0   |        |            |

|     |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 212 | 6806 | 6807 | SN | 1 | 0.0 | 50.609 | 6.028 | 0.0 | 51.039 | 5.381 | 0.0 | 44.803 | 3.834 | 0.0 | 45.247 | 3.722 | 0.0 | 48.451 | 5.663 | 0.0 | 50.601 | 4.954 | 0.0 | 41.678 | 3.514 | 0.0 | 42.016 | 3.586 |
| 213 | 6807 | 6808 | NS | 1 | 0.0 | 43.83  | 2.382 | 0.0 | 51.577 | 2.066 | 0.0 | 36.853 | 1.753 | 0.0 | 42.123 | 1.702 | 0.0 | 46.569 | 2.009 | 0.0 | 55.004 | 1.809 | 0.0 | 35.314 | 1.544 | 0.0 | 38.544 | 1.456 |
| 214 | 6807 | 6808 | NS | 1 | 0.0 | 54.555 | 6.624 | 0.0 | 51.566 | 6.151 | 0.0 | 41.269 | 5.034 | 0.0 | 43.409 | 5.47  | 0.0 | 53.498 | 5.754 | 0.0 | 51.821 | 5.826 | 0.0 | 43.584 | 4.516 | 0.0 | 41.809 | 4.716 |
| 215 | 6807 | 6808 | NS | 1 | 0.0 | 54.555 | 6.624 | 0.0 | 51.566 | 6.151 | 0.0 | 41.269 | 5.034 | 0.0 | 43.409 | 5.47  | 0.0 | 53.498 | 5.754 | 0.0 | 51.821 | 5.826 | 0.0 | 43.584 | 4.516 | 0.0 | 41.809 | 4.716 |
| 216 | 6807 | 6808 | SN | 1 | 0.0 | 44.951 | 1.947 | 0.0 | 42.962 | 1.597 | 0.0 | 47.47  | 1.424 | 0.0 | 42.915 | 1.307 | 0.0 | 43.79  | 1.641 | 0.0 | 40.01  | 1.346 | 0.0 | 47.712 | 1.233 | 0.0 | 41.039 | 1.155 |
| 217 | 6807 | 6808 | SN | 1 | 0.0 | 44.951 | 1.947 | 0.0 | 42.962 | 1.597 | 0.0 | 47.47  | 1.424 | 0.0 | 42.915 | 1.307 | 0.0 | 43.79  | 1.641 | 0.0 | 40.01  | 1.346 | 0.0 | 47.712 | 1.233 | 0.0 | 41.039 | 1.155 |
| 218 | 6807 | 6808 | NS | 1 | 0.0 | 43.83  | 2.382 | 0.0 | 51.577 | 2.066 | 0.0 | 36.853 | 1.753 | 0.0 | 42.123 | 1.702 | 0.0 | 46.569 | 2.009 | 0.0 | 55.004 | 1.809 | 0.0 | 35.314 | 1.544 | 0.0 | 38.544 | 1.456 |
| 219 | 6807 | 6808 | SN | 1 | 0.0 | 51.644 | 6.616 | 0.0 | 51.411 | 4.934 | 0.0 | 47.366 | 4.972 | 0.0 | 49.154 | 4.663 | 0.0 | 52.457 | 5.723 | 0.0 | 51.768 | 4.364 | 0.0 | 46.377 | 4.232 | 0.0 | 46.043 | 4.071 |
| 220 | 6807 | 6808 | SN | 1 | 0.0 | 51.644 | 6.616 | 0.0 | 51.411 | 4.934 | 0.0 | 47.366 | 4.972 | 0.0 | 49.154 | 4.663 | 0.0 | 52.457 | 5.723 | 0.0 | 51.768 | 4.364 | 0.0 | 46.377 | 4.232 | 0.0 | 46.043 | 4.071 |
| 221 | 6808 | 6809 | NS | 1 | 0.0 | 43.68  | 2.326 | 0.0 | 43.158 | 2.077 | 0.0 | 38.432 | 1.896 | 0.0 | 42.833 | 1.86  | 0.0 | 40.623 | 1.853 | 0.0 | 42.83  | 1.745 | 0.0 | 35.295 | 1.601 | 0.0 | 39.762 | 1.548 |
| 222 | 6808 | 6809 | SN | 1 | 0.0 | 45.36  | 1.476 | 0.0 | 48.274 | 1.543 | 0.0 | 38.653 | 1.188 | 0.0 | 40.118 | 1.403 | 0.0 | 43.879 | 1.248 | 0.0 | 44.823 | 1.364 | 0.0 | 38.474 | 1.099 | 0.0 | 38.994 | 1.255 |
| 223 | 6808 | 6809 | NS | 1 | 0.0 | 49.513 | 7.427 | 0.0 | 42.423 | 6.792 | 0.0 | 42.136 | 5.481 | 0.0 | 49.201 | 5.462 | 0.0 | 49.465 | 6.088 | 0.0 | 43.98  | 5.854 | 0.0 | 42.612 | 4.838 | 0.0 | 46.568 | 4.674 |
| 224 | 6808 | 6809 | NS | 1 | 0.0 | 49.513 | 7.282 | 0.0 | 42.423 | 6.689 | 0.0 | 42.136 | 5.41  | 0.0 | 49.201 | 5.378 | 0.0 | 49.465 | 5.988 | 0.0 | 43.98  | 5.765 | 0.0 | 42.612 | 4.793 | 0.0 | 46.568 | 4.602 |
| 225 | 6808 | 6809 | SN | 1 | 0.0 | 45.056 | 4.322 | 0.0 | 51.263 | 4.161 | 0.0 | 44.6   | 4.202 | 0.0 | 44.006 | 4.37  | 0.0 | 46.608 | 3.754 | 0.0 | 49.338 | 3.622 | 0.0 | 46.003 | 3.854 | 0.0 | 42.35  | 4.042 |
| 226 | 6808 | 6809 | SN | 1 | 0.0 | 45.056 | 4.322 | 0.0 | 51.263 | 4.161 | 0.0 | 44.6   | 4.202 | 0.0 | 44.006 | 4.37  | 0.0 | 46.608 | 3.754 | 0.0 | 49.338 | 3.622 | 0.0 | 46.003 | 3.854 | 0.0 | 42.35  | 4.042 |
| 227 | 6808 | 6809 | SN | 1 | 0.0 | 45.36  | 1.476 | 0.0 | 48.274 | 1.543 | 0.0 | 38.653 | 1.188 | 0.0 | 40.118 | 1.403 | 0.0 | 43.879 | 1.248 | 0.0 | 44.823 | 1.364 | 0.0 | 38.474 | 1.099 | 0.0 | 38.994 | 1.255 |
| 228 | 6808 | 6809 | NS | 1 | 0.0 | 43.68  | 2.371 | 0.0 | 43.158 | 2.112 | 0.0 | 38.432 | 1.931 | 0.0 | 42.833 | 1.894 | 0.0 | 40.623 | 1.887 | 0.0 | 42.83  | 1.775 | 0.0 | 37.044 | 1.622 | 0.0 | 39.762 | 1.576 |
| 229 | 6808 | 6809 | NS | 1 | 0.0 | 49.513 | 7.282 | 0.0 | 42.423 | 6.689 | 0.0 | 42.136 | 5.417 | 0.0 | 49.201 | 5.378 | 0.0 | 49.465 | 5.988 | 0.0 | 43.98  | 5.765 | 0.0 | 42.612 | 4.793 | 0.0 | 46.568 | 4.602 |
| 230 | 6808 | 6809 | NS | 1 | 0.0 | 43.68  | 2.326 | 0.0 | 43.158 | 2.077 | 0.0 | 38.432 | 1.898 | 0.0 | 42.833 | 1.86  | 0.0 | 40.623 | 1.853 | 0.0 | 42.83  | 1.745 | 0.0 | 35.295 | 1.603 | 0.0 | 39.762 | 1.548 |
| 231 | 6809 | 6810 | SN | 1 | 0.0 | 46.848 | 2.199 | 0.0 | 42.717 | 1.942 | 0.0 | 39.091 | 1.854 | 0.0 | 39.456 | 1.65  | 0.0 | 46.22  | 2.177 | 0.0 | 40.871 | 1.971 | 0.0 | 35.957 | 1.804 | 0.0 | 37.507 | 1.673 |
| 232 | 6809 | 6810 | NS | 1 | 0.0 | 53.395 | 2.658 | 0.0 | 53.74  | 2.258 | 0.0 | 41.31  | 1.853 | 0.0 | 42.827 | 1.984 | 0.0 | 53.087 | 2.168 | 0.0 | 56.526 | 1.955 | 0.0 | 41.707 | 1.565 | 0.0 | 43.484 | 1.66  |
| 233 | 6809 | 6810 | NS | 1 | 0.0 | 50.615 | 7.668 | 0.0 | 52.948 | 7.043 | 0.0 | 40.207 | 5.319 | 0.0 | 42.409 | 5.498 | 0.0 | 52.514 | 6.308 | 0.0 | 55.646 | 6.106 | 0.0 | 41.568 | 4.515 | 0.0 | 42.807 | 4.924 |
| 234 | 6809 | 6810 | NS | 1 | 0.0 | 50.687 | 7.471 | 0.0 | 53.395 | 6.609 | 0.0 | 44.744 | 5.103 | 0.0 | 45.564 | 5.329 | 0.0 | 52.588 | 6.026 | 0.0 | 56.096 | 5.766 | 0.0 | 43.333 | 4.401 | 0.0 | 45.223 | 4.817 |
| 235 | 6809 | 6810 | SN | 1 | 0.0 | 49.815 | 6.432 | 0.0 | 46.43  | 5.565 | 0.0 | 42.748 | 5.247 | 0.0 | 41.701 | 5.026 | 0.0 | 48.524 | 6.381 | 0.0 | 49.506 | 5.32  | 0.0 | 43.762 | 5.233 | 0.0 | 41.337 | 5.105 |
| 236 | 6809 | 6810 | NS | 1 | 0.0 | 53.395 | 2.544 | 0.0 | 53.74  | 2.15  | 0.0 | 41.31  | 1.772 | 0.0 | 42.827 | 1.887 | 0.0 | 53.087 | 2.073 | 0.0 | 56.526 | 1.861 | 0.0 | 41.707 | 1.494 | 0.0 | 43.484 | 1.579 |
| 237 | 6809 | 6810 | NS | 1 | 0.0 | 49.291 | 2.555 | 0.0 | 51.555 | 2.197 | 0.0 | 42.758 | 1.795 | 0.0 | 37.58  | 1.9   | 0.0 | 48.983 | 2.064 | 0.0 | 54.341 | 1.87  | 0.0 | 39.432 | 1.528 | 0.0 | 39.91  | 1.615 |
| 238 | 6809 | 6810 | NS | 1 | 0.0 | 50.615 | 7.34  | 0.0 | 52.948 | 6.731 | 0.0 | 40.207 | 5.089 | 0.0 | 42.409 | 5.244 | 0.0 | 52.514 | 6.026 | 0.0 | 55.646 | 5.827 | 0.0 | 41.568 | 4.331 | 0.0 | 42.807 | 4.697 |
| 239 | 6810 | 6811 | NS | 1 | 0.0 | 52.196 | 2.391 | 0.0 | 46.215 | 2.17  | 0.0 | 41.678 | 1.696 | 0.0 | 40.474 | 1.595 | 0.0 | 53.685 | 2.121 | 0.0 | 42.108 | 1.929 | 0.0 | 37.358 | 1.482 | 0.0 | 41.33  | 1.347 |
| 240 | 6810 | 6811 | SN | 1 | 0.0 | 51.807 | 6.141 | 0.0 | 43.246 | 5.048 | 0.0 | 36.421 | 4.347 | 0.0 | 40.921 | 4.193 | 0.0 | 48.385 | 5.633 | 0.0 | 45.265 | 4.468 | 0.0 | 35.666 | 3.998 | 0.0 | 39.698 | 4.021 |
| 241 | 6810 | 6811 | NS | 1 | 0.0 | 52.196 | 2.629 | 0.0 | 46.215 | 2.391 | 0.0 | 41.678 | 1.829 | 0.0 | 40.474 | 1.759 | 0.0 | 53.685 | 2.343 | 0.0 | 42.108 | 2.123 | 0.0 | 37.358 | 1.593 | 0.0 | 41.33  | 1.487 |
| 242 | 6810 | 6811 | NS | 1 | 0.0 | 53.438 | 7.726 | 0.0 | 49.993 | 7.296 | 0.0 | 50.838 | 5.169 | 0.0 | 44.572 | 5.416 | 0.0 | 53.682 | 6.522 | 0.0 | 47.247 | 6.413 | 0.0 | 52.278 | 4.708 | 0.0 | 45.016 | 4.75  |
| 243 | 6810 | 6811 | NS | 1 | 0.0 | 53.438 | 7.049 | 0.0 | 49.993 | 6.64  | 0.0 | 50.838 | 4.877 | 0.0 | 44.572 | 4.931 | 0.0 | 53.682 | 5.957 | 0.0 | 47.247 | 5.827 | 0.0 | 52.278 | 4.48  | 0.0 | 45.016 | 4.305 |
| 244 | 6810 | 6811 | NS | 1 | 0.0 | 52.196 | 2.391 | 0.0 | 46.215 | 2.17  | 0.0 | 41.678 | 1.696 | 0.0 | 40.474 | 1.595 | 0.0 | 53.685 | 2.121 | 0.0 | 42.108 | 1.929 | 0.0 | 37.358 | 1.482 | 0.0 | 41.33  | 1.347 |
| 245 | 6810 | 6811 | NS | 1 | 0.0 | 53.438 | 7.049 | 0.0 | 49.993 | 6.64  | 0.0 | 50.838 | 4.884 | 0.0 | 44.572 | 4.931 | 0.0 | 53.682 | 5.957 | 0.0 | 47.247 | 5.827 | 0.0 | 52.278 | 4.473 | 0.0 | 45.016 | 4.305 |
| 246 | 6810 | 6811 | SN | 1 | 0.0 | 48.949 | 2.056 | 0.0 | 41.13  | 1.731 | 0.0 | 38.234 | 1.544 | 0.0 | 36.703 | 1.492 | 0.0 | 47.878 | 1.784 | 0.0 | 39.987 | 1.503 | 0.0 | 37.597 | 1.4   | 0.0 | 36.178 | 1.293 |
| 247 | 6810 | 6811 | SN | 1 | 0.0 | 50.678 | 6.212 | 0.0 | 45.756 | 5.048 | 0.0 | 36.421 | 4.332 | 0.0 | 41.2   | 4.171 | 0.0 | 47.252 | 5.674 | 0.0 | 46.126 | 4.488 | 0.0 | 35.651 | 3.991 | 0.0 | 39.979 | 4.057 |

| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|--------------------------|------------|------|--------|--------|------------|
|                          | Range      | 20.0 | 20.0   |        |            |



|     |      |      |    |   |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |     |        |       |
|-----|------|------|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 248 | 6810 | 6811 | SN | 1 | 0.0 | 50.078 | 2.035 | 0.0 | 40.324 | 1.734 | 0.0 | 38.844 | 1.574 | 0.0 | 39.764 | 1.489 | 0.0 | 49.009 | 1.764 | 0.0 | 40.081 | 1.512 | 0.0 | 38.206 | 1.421 | 0.0 | 35.502 | 1.294 |
| 249 | 6811 | 6812 | NS | 1 | 0.0 | 48.113 | 2.487 | 0.0 | 48.766 | 1.975 | 0.0 | 42.17  | 1.549 | 0.0 | 39.668 | 1.468 | 0.0 | 49.93  | 2.062 | 0.0 | 45.954 | 1.722 | 0.0 | 42.316 | 1.305 | 0.0 | 38.639 | 1.202 |
| 250 | 6811 | 6812 | NS | 1 | 0.0 | 48.361 | 2.514 | 0.0 | 44.753 | 1.975 | 0.0 | 43.792 | 1.538 | 0.0 | 38.129 | 1.47  | 0.0 | 48.362 | 2.057 | 0.0 | 42.615 | 1.722 | 0.0 | 43.937 | 1.294 | 0.0 | 38.552 | 1.208 |
| 251 | 6811 | 6812 | NS | 1 | 0.0 | 48.113 | 2.732 | 0.0 | 48.766 | 2.203 | 0.0 | 42.17  | 1.65  | 0.0 | 39.668 | 1.639 | 0.0 | 49.93  | 2.263 | 0.0 | 45.954 | 1.931 | 0.0 | 42.316 | 1.386 | 0.0 | 38.639 | 1.339 |
| 252 | 6811 | 6812 | NS | 1 | 0.0 | 54.611 | 6.777 | 0.0 | 55.556 | 6.318 | 0.0 | 47.674 | 4.778 | 0.0 | 51.891 | 5.104 | 0.0 | 52.81  | 5.998 | 0.0 | 54.951 | 5.572 | 0.0 | 46.495 | 4.322 | 0.0 | 48.483 | 4.4   |
| 253 | 6811 | 6812 | NS | 1 | 0.0 | 54.611 | 6.338 | 0.0 | 55.556 | 5.78  | 0.0 | 47.674 | 4.599 | 0.0 | 51.891 | 4.667 | 0.0 | 52.81  | 5.59  | 0.0 | 54.951 | 5.021 | 0.0 | 46.495 | 4.145 | 0.0 | 48.483 | 3.979 |
| 254 | 6811 | 6812 | NS | 1 | 0.0 | 55.048 | 6.358 | 0.0 | 55.279 | 5.79  | 0.0 | 47.12  | 4.542 | 0.0 | 53.401 | 4.639 | 0.0 | 53.248 | 5.61  | 0.0 | 54.672 | 5.011 | 0.0 | 46.582 | 4.046 | 0.0 | 51.488 | 3.979 |

|                          |            |      |        |        |            |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|                          | Range      | 20.0 | 20.0   |        |            |

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle |        |            |            |        |            |           |         |            |            |         |            | Incidence Angle |       |            |            |       |            |           |       |            |            |       |            |
|-------|-------------|-----------|------|------|---------------|--------|------------|------------|--------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
|       |             |           |      |      | Inner Aft     |        |            | Inner Fore |        |            | Outer Aft |         |            | Outer Fore |         |            | Inner Aft       |       |            | Inner Fore |       |            | Outer Aft |       |            | Outer Fore |       |            |
|       |             |           |      |      | 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     | 6782        | 6783      | SN   | 1    | 0.0           | 25.948 | 8.584      | 0.0        | 27.211 | 8.258      | 0.0       | 131.274 | 1.842      | 0.0        | 11.653  | 1.725      | 0.0             | 1.918 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.012 | 0.0        |
| 2     | 6782        | 6783      | SN   | 1    | 0.0           | 32.958 | 15.314     | 0.0        | 24.663 | 14.736     | 0.0       | 145.359 | 10.805     | 0.0        | 58.955  | 10.997     | 0.0             | 1.927 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.029 | 0.0        |
| 3     | 6782        | 6783      | SN   | 1    | 0.0           | 25.948 | 8.39       | 0.0        | 27.211 | 8.291      | 0.0       | 131.274 | 1.725      | 0.0        | 71.546  | 1.926      | 0.0             | 1.918 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.018 | 0.0        |
| 4     | 6782        | 6783      | SN   | 1    | 0.0           | 32.958 | 15.424     | 0.0        | 24.663 | 14.234     | 0.0       | 145.359 | 11.291     | 0.0        | 13.567  | 10.112     | 0.0             | 1.927 | 0.0        | 0.0        | 1.908 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.012 | 0.0        |
| 5     | 6782        | 6783      | SN   | 1    | 0.0           | 32.958 | 15.314     | 0.0        | 24.663 | 14.736     | 0.0       | 145.359 | 10.805     | 0.0        | 58.955  | 10.997     | 0.0             | 1.927 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.029 | 0.0        |
| 6     | 6782        | 6783      | SN   | 1    | 0.0           | 25.948 | 8.39       | 0.0        | 27.211 | 8.291      | 0.0       | 131.274 | 1.725      | 0.0        | 71.546  | 1.926      | 0.0             | 1.918 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.018 | 0.0        |
| 7     | 6783        | 6784      | SN   | 1    | 0.0           | 32.809 | 15.235     | 0.0        | 24.674 | 14.757     | 0.0       | 142.315 | 10.742     | 0.0        | 65.452  | 11.125     | 0.0             | 1.924 | 0.0        | 0.0        | 1.915 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.026 | 0.0        |
| 8     | 6783        | 6784      | SN   | 1    | 0.0           | 32.809 | 15.266     | 0.0        | 24.674 | 14.561     | 0.0       | 142.315 | 10.871     | 0.0        | 16.468  | 10.695     | 0.0             | 1.924 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.027 | 0.0        |
| 9     | 6783        | 6784      | NS   | 1    | 0.0           | 25.038 | 10.285     | 0.0        | 24.101 | 10.677     | 0.0       | 143.376 | 5.23       | 0.0        | 126.839 | 4.9        | 0.0             | 1.911 | 0.0        | 0.0        | 1.919 | 0.0        | 0.0       | 2.069 | 0.0        | 0.0        | 2.069 | 0.0        |
| 10    | 6783        | 6784      | SN   | 1    | 0.0           | 25.965 | 8.461      | 0.0        | 27.211 | 8.319      | 0.0       | 129.961 | 1.718      | 0.0        | 56.016  | 1.943      | 0.0             | 1.916 | 0.0        | 0.0        | 1.898 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.017 | 0.0        |
| 11    | 6783        | 6784      | SN   | 1    | 0.0           | 25.965 | 8.506      | 0.0        | 27.211 | 8.298      | 0.0       | 129.961 | 1.75       | 0.0        | 12.127  | 1.797      | 0.0             | 1.916 | 0.0        | 0.0        | 1.898 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.024 | 0.0        |
| 12    | 6783        | 6784      | NS   | 1    | 0.0           | 27.04  | 13.985     | 0.0        | 32.809 | 15.929     | 0.0       | 140.382 | 14.765     | 0.0        | 73.272  | 14.33      | 0.0             | 1.913 | 0.0        | 0.0        | 1.931 | 0.0        | 0.0       | 2.073 | 0.0        | 0.0        | 2.069 | 0.0        |
| 13    | 6783        | 6784      | SN   | 1    | 0.0           | 25.965 | 8.461      | 0.0        | 27.211 | 8.319      | 0.0       | 129.961 | 1.718      | 0.0        | 56.027  | 1.943      | 0.0             | 1.916 | 0.0        | 0.0        | 1.898 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.017 | 0.0        |
| 14    | 6783        | 6784      | SN   | 1    | 0.0           | 32.809 | 15.235     | 0.0        | 24.674 | 14.757     | 0.0       | 142.315 | 10.742     | 0.0        | 65.441  | 11.125     | 0.0             | 1.924 | 0.0        | 0.0        | 1.915 | 0.0        | 0.0       | 2.023 | 0.0        | 0.0        | 2.026 | 0.0        |
| 15    | 6784        | 6785      | NS   | 1    | 0.0           | 27.029 | 14.091     | 0.0        | 32.533 | 15.956     | 0.0       | 150.072 | 14.683     | 0.0        | 70.686  | 14.463     | 0.0             | 1.921 | 0.0        | 0.0        | 1.923 | 0.0        | 0.0       | 2.072 | 0.0        | 0.0        | 2.072 | 0.0        |
| 16    | 6784        | 6785      | NS   | 1    | 0.0           | 27.029 | 14.091     | 0.0        | 32.538 | 15.956     | 0.0       | 150.066 | 14.676     | 0.0        | 70.68   | 14.463     | 0.0             | 1.921 | 0.0        | 0.0        | 1.921 | 0.0        | 0.0       | 2.072 | 0.0        | 0.0        | 2.072 | 0.0        |
| 17    | 6784        | 6785      | NS   | 1    | 0.0           | 25.027 | 10.213     | 0.0        | 24.095 | 10.698     | 0.0       | 149.024 | 5.176      | 0.0        | 135.581 | 4.88       | 0.0             | 1.914 | 0.0        | 0.0        | 1.92  | 0.0        | 0.0       | 2.066 | 0.0        | 0.0        | 2.066 | 0.0        |
| 18    | 6784        | 6785      | SN   | 1    | 0.0           | 33.14  | 15.226     | 0.0        | 24.663 | 14.699     | 0.0       | 131.472 | 10.867     | 0.0        | 18.729  | 10.782     | 0.0             | 1.924 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.02  | 0.0        | 0.0        | 2.044 | 0.0        |
| 19    | 6784        | 6785      | SN   | 1    | 0.0           | 33.14  | 15.236     | 0.0        | 24.663 | 14.689     | 0.0       | 131.516 | 10.852     | 0.0        | 18.729  | 10.782     | 0.0             | 1.925 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.02  | 0.0        | 0.0        | 2.044 | 0.0        |
| 20    | 6784        | 6785      | NS   | 1    | 0.0           | 25.027 | 10.211     | 0.0        | 24.095 | 10.701     | 0.0       | 149.029 | 5.185      | 0.0        | 135.592 | 4.877      | 0.0             | 1.914 | 0.0        | 0.0        | 1.915 | 0.0        | 0.0       | 2.066 | 0.0        | 0.0        | 2.066 | 0.0        |
| 21    | 6784        | 6785      | SN   | 1    | 0.0           | 25.948 | 8.57       | 0.0        | 27.25  | 8.321      | 0.0       | 133.138 | 1.742      | 0.0        | 12.635  | 1.813      | 0.0             | 1.917 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.013 | 0.0        |
| 22    | 6784        | 6785      | SN   | 1    | 0.0           | 33.14  | 15.215     | 0.0        | 24.663 | 14.787     | 0.0       | 131.516 | 10.788     | 0.0        | 67.515  | 11.014     | 0.0             | 1.925 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.02  | 0.0        | 0.0        | 2.044 | 0.0        |
| 23    | 6784        | 6785      | SN   | 1    | 0.0           | 25.948 | 8.553      | 0.0        | 27.25  | 8.34       | 0.0       | 133.193 | 1.726      | 0.0        | 63.82   | 1.93       | 0.0             | 1.917 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.013 | 0.0        |
| 24    | 6784        | 6785      | SN   | 1    | 0.0           | 25.948 | 8.577      | 0.0        | 27.25  | 8.332      | 0.0       | 133.193 | 1.742      | 0.0        | 12.855  | 1.813      | 0.0             | 1.917 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.025 | 0.0        | 0.0        | 2.013 | 0.0        |
| 25    | 6785        | 6786      | SN   | 1    | 0.0           | 25.987 | 8.7        | 0.0        | 27.228 | 8.374      | 0.0       | 130.308 | 1.683      | 0.0        | 65.449  | 1.955      | 0.0             | 1.918 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.031 | 0.0        | 0.0        | 2.012 | 0.0        |
| 26    | 6785        | 6786      | SN   | 1    | 0.0           | 25.987 | 8.7        | 0.0        | 27.228 | 8.374      | 0.0       | 130.308 | 1.683      | 0.0        | 65.449  | 1.955      | 0.0             | 1.918 | 0.0        | 0.0        | 1.897 | 0.0        | 0.0       | 2.031 | 0.0        | 0.0        | 2.012 | 0.0        |
| 27    | 6785        | 6786      | NS   | 1    | 0.0           | 24.994 | 10.191     | 0.0        | 24.001 | 10.678     | 0.0       | 354.992 | 5.114      | 0.0        | 138.289 | 4.85       | 0.0             | 1.911 | 0.0        | 0.0        | 1.912 | 0.0        | 0.0       | 2.068 | 0.0        | 0.0        | 2.066 | 0.0        |
| 28    | 6785        | 6786      | SN   | 1    | 0.0           | 32.842 | 15.204     | 0.0        | 24.669 | 14.817     | 0.0       | 129.205 | 10.71      | 0.0        | 68.767  | 11.15      | 0.0             | 1.926 | 0.0        | 0.0        | 1.912 | 0.0        | 0.0       | 2.02  | 0.0        | 0.0        | 2.044 | 0.0        |
| 29    | 6785        | 6786      | NS   | 1    | 0.0           | 27.057 | 14.091     | 0.0        | 32.527 | 15.997     | 0.0       | 354.992 | 14.661     | 0.0        | 77.662  | 14.498     | 0.0             | 1.913 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.07  | 0.0        | 0.0        | 2.069 | 0.0        |
| 30    | 6785        | 6786      | NS   | 1    | 0.0           | 27.057 | 14.091     | 0.0        | 32.527 | 15.997     | 0.0       | 354.992 | 14.661     | 0.0        | 77.662  | 14.498     | 0.0             | 1.913 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.07  | 0.0        | 0.0        | 2.069 | 0.0        |
| 31    | 6785        | 6786      | SN   | 1    | 0.0           | 32.842 | 15.204     | 0.0        | 24.669 | 14.817     | 0.0       | 129.205 | 10.71      | 0.0        | 68.767  | 11.15      | 0.0             | 1.926 | 0.0        | 0.0        | 1.912 | 0.0        | 0.0       | 2.02  | 0.0        | 0.0        | 2.044 | 0.0        |

|                          |            |           |            |          |             |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal   | Deviations  |
|                          | Range      | 10.0      | 3.0        | Alarming | High Errors |

|    |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 6785 | 6786 | NS | 1 | 0.0 | 24.994 | 10.191 | 0.0 | 24.001 | 10.678 | 0.0 | 354.992 | 5.114  | 0.0 | 138.289 | 4.85   | 0.0 | 1.911 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.066 | 0.0 |
| 33 | 6786 | 6787 | NS | 1 | 0.0 | 25.027 | 10.191 | 0.0 | 23.99  | 10.727 | 0.0 | 355.174 | 5.135  | 0.0 | 145.557 | 4.85   | 0.0 | 1.913 | 0.0 | 0.0 | 1.919 | 0.0 | 0.0 | 2.067 | 0.0 | 0.0 | 2.068 | 0.0 |
| 34 | 6786 | 6787 | NS | 1 | 0.0 | 27.051 | 14.081 | 0.0 | 32.505 | 15.987 | 0.0 | 355.174 | 14.647 | 0.0 | 79.267  | 14.463 | 0.0 | 1.914 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.07  | 0.0 | 0.0 | 2.07  | 0.0 |
| 35 | 6786 | 6787 | SN | 1 | 0.0 | 25.954 | 8.829  | 0.0 | 27.228 | 8.349  | 0.0 | 126.564 | 1.694  | 0.0 | 12.056  | 1.785  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.032 | 0.0 | 0.0 | 2.013 | 0.0 |
| 36 | 6786 | 6787 | SN | 1 | 0.0 | 25.954 | 8.78   | 0.0 | 27.228 | 8.366  | 0.0 | 126.564 | 1.669  | 0.0 | 51.416  | 1.929  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.032 | 0.0 | 0.0 | 2.013 | 0.0 |
| 37 | 6786 | 6787 | NS | 1 | 0.0 | 25.027 | 10.185 | 0.0 | 24.04  | 10.749 | 0.0 | 355.174 | 5.127  | 0.0 | 145.557 | 4.853  | 0.0 | 1.911 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.067 | 0.0 | 0.0 | 2.069 | 0.0 |
| 38 | 6786 | 6787 | SN | 1 | 0.0 | 32.914 | 15.154 | 0.0 | 24.669 | 14.582 | 0.0 | 125.913 | 10.809 | 0.0 | 16.413  | 10.676 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.044 | 0.0 |
| 39 | 6786 | 6787 | SN | 1 | 0.0 | 25.954 | 8.78   | 0.0 | 27.228 | 8.366  | 0.0 | 126.564 | 1.669  | 0.0 | 51.405  | 1.929  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.032 | 0.0 | 0.0 | 2.013 | 0.0 |
| 40 | 6786 | 6787 | SN | 1 | 0.0 | 32.914 | 15.149 | 0.0 | 24.669 | 14.777 | 0.0 | 125.913 | 10.683 | 0.0 | 53.319  | 11.121 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.043 | 0.0 |
| 41 | 6786 | 6787 | SN | 1 | 0.0 | 32.914 | 15.159 | 0.0 | 24.669 | 14.777 | 0.0 | 125.913 | 10.683 | 0.0 | 53.33   | 11.114 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.043 | 0.0 |
| 42 | 6786 | 6787 | NS | 1 | 0.0 | 27.062 | 14.004 | 0.0 | 32.809 | 15.99  | 0.0 | 353.354 | 14.666 | 0.0 | 73.432  | 14.438 | 0.0 | 1.918 | 0.0 | 0.0 | 1.932 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.07  | 0.0 |
| 43 | 6787 | 6788 | SN | 1 | 0.0 | 33.09  | 15.176 | 0.0 | 24.669 | 14.479 | 0.0 | 135.652 | 10.94  | 0.0 | 15.359  | 10.442 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.016 | 0.0 |
| 44 | 6787 | 6788 | SN | 1 | 0.0 | 25.954 | 8.817  | 0.0 | 27.233 | 8.306  | 0.0 | 146.076 | 1.73   | 0.0 | 12.045  | 1.776  | 0.0 | 1.918 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.021 | 0.0 |
| 45 | 6787 | 6788 | SN | 1 | 0.0 | 33.09  | 15.166 | 0.0 | 24.669 | 14.879 | 0.0 | 135.652 | 10.726 | 0.0 | 39.118  | 11.058 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.016 | 0.0 |
| 46 | 6787 | 6788 | SN | 1 | 0.0 | 33.09  | 15.166 | 0.0 | 24.669 | 14.879 | 0.0 | 135.652 | 10.726 | 0.0 | 39.118  | 11.058 | 0.0 | 1.926 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.016 | 0.0 |
| 47 | 6787 | 6788 | SN | 1 | 0.0 | 25.954 | 8.729  | 0.0 | 27.233 | 8.324  | 0.0 | 146.076 | 1.683  | 0.0 | 84.374  | 1.933  | 0.0 | 1.918 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.021 | 0.0 |
| 48 | 6787 | 6788 | NS | 1 | 0.0 | 25.011 | 10.208 | 0.0 | 24.051 | 10.738 | 0.0 | 175.534 | 5.148  | 0.0 | 142.987 | 4.882  | 0.0 | 1.909 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.072 | 0.0 |
| 49 | 6787 | 6788 | NS | 1 | 0.0 | 25.033 | 10.199 | 0.0 | 24.056 | 10.747 | 0.0 | 175.507 | 5.152  | 0.0 | 142.932 | 4.875  | 0.0 | 1.91  | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.072 | 0.0 |
| 50 | 6787 | 6788 | SN | 1 | 0.0 | 25.954 | 8.729  | 0.0 | 27.233 | 8.324  | 0.0 | 146.076 | 1.683  | 0.0 | 84.374  | 1.933  | 0.0 | 1.918 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.021 | 0.0 |
| 51 | 6787 | 6788 | NS | 1 | 0.0 | 27.079 | 14.034 | 0.0 | 32.792 | 16.004 | 0.0 | 187.938 | 14.686 | 0.0 | 72.776  | 14.432 | 0.0 | 1.92  | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.069 | 0.0 |
| 52 | 6787 | 6788 | NS | 1 | 0.0 | 27.073 | 14.065 | 0.0 | 32.787 | 15.994 | 0.0 | 187.915 | 14.686 | 0.0 | 72.759  | 14.432 | 0.0 | 1.92  | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.069 | 0.0 |
| 53 | 6788 | 6789 | SN | 1 | 0.0 | 32.897 | 15.217 | 0.0 | 24.663 | 14.31  | 0.0 | 100.88  | 11.09  | 0.0 | 14.218  | 10.188 | 0.0 | 1.927 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 54 | 6788 | 6789 | SN | 1 | 0.0 | 32.897 | 15.176 | 0.0 | 24.663 | 14.818 | 0.0 | 100.88  | 10.748 | 0.0 | 55.387  | 10.972 | 0.0 | 1.927 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 55 | 6788 | 6789 | SN | 1 | 0.0 | 32.897 | 15.176 | 0.0 | 24.663 | 14.818 | 0.0 | 100.88  | 10.748 | 0.0 | 55.387  | 10.972 | 0.0 | 1.927 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 56 | 6788 | 6789 | SN | 1 | 0.0 | 25.937 | 8.645  | 0.0 | 27.239 | 8.306  | 0.0 | 155.881 | 1.711  | 0.0 | 60.155  | 1.927  | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.03  | 0.0 | 0.0 | 2.022 | 0.0 |
| 57 | 6788 | 6789 | NS | 1 | 0.0 | 27.095 | 14.055 | 0.0 | 32.825 | 15.983 | 0.0 | 139.29  | 14.721 | 0.0 | 79.129  | 14.368 | 0.0 | 1.919 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.07  | 0.0 |
| 58 | 6788 | 6789 | NS | 1 | 0.0 | 27.051 | 14.065 | 0.0 | 32.82  | 15.983 | 0.0 | 139.356 | 14.7   | 0.0 | 79.085  | 14.368 | 0.0 | 1.919 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.07  | 0.0 |
| 59 | 6788 | 6789 | NS | 1 | 0.0 | 25.038 | 10.246 | 0.0 | 24.117 | 10.711 | 0.0 | 349.863 | 5.199  | 0.0 | 176.993 | 4.882  | 0.0 | 1.913 | 0.0 | 0.0 | 1.919 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.068 | 0.0 |
| 60 | 6788 | 6789 | SN | 1 | 0.0 | 25.937 | 8.645  | 0.0 | 27.239 | 8.306  | 0.0 | 155.881 | 1.711  | 0.0 | 60.155  | 1.927  | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.03  | 0.0 | 0.0 | 2.022 | 0.0 |
| 61 | 6788 | 6789 | SN | 1 | 0.0 | 25.937 | 8.796  | 0.0 | 27.239 | 8.276  | 0.0 | 155.881 | 1.79   | 0.0 | 11.659  | 1.742  | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.03  | 0.0 | 0.0 | 2.022 | 0.0 |
| 62 | 6788 | 6789 | NS | 1 | 0.0 | 25.038 | 10.244 | 0.0 | 24.117 | 10.722 | 0.0 | 349.874 | 5.192  | 0.0 | 177.092 | 4.884  | 0.0 | 1.913 | 0.0 | 0.0 | 1.919 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.068 | 0.0 |
| 63 | 6789 | 6790 | NS | 1 | 0.0 | 26.913 | 10.305 | 0.0 | 26.886 | 10.646 | 0.0 | 354.264 | 5.24   | 0.0 | 170.728 | 4.909  | 0.0 | 1.911 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.067 | 0.0 | 0.0 | 2.068 | 0.0 |
| 64 | 6789 | 6790 | NS | 1 | 0.0 | 26.891 | 10.306 | 0.0 | 26.902 | 10.643 | 0.0 | 352.467 | 5.242  | 0.0 | 168.318 | 4.911  | 0.0 | 1.912 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.069 | 0.0 |
| 65 | 6789 | 6790 | SN | 1 | 0.0 | 32.886 | 15.296 | 0.0 | 24.658 | 14.262 | 0.0 | 87.347  | 11.409 | 0.0 | 13.49   | 10.045 | 0.0 | 1.926 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.012 | 0.0 |
| 66 | 6789 | 6790 | SN | 1 | 0.0 | 25.937 | 8.635  | 0.0 | 27.228 | 8.179  | 0.0 | 136.441 | 1.884  | 0.0 | 11.653  | 1.743  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.009 | 0.0 |
| 67 | 6789 | 6790 | SN | 1 | 0.0 | 32.886 | 15.176 | 0.0 | 24.658 | 14.787 | 0.0 | 87.347  | 10.877 | 0.0 | 56.181  | 10.965 | 0.0 | 1.926 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.017 | 0.0 |
| 68 | 6789 | 6790 | SN | 1 | 0.0 | 32.886 | 15.176 | 0.0 | 24.658 | 14.787 | 0.0 | 87.347  | 10.877 | 0.0 | 56.236  | 10.958 | 0.0 | 1.926 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.017 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|--------------------------|------------|-----------|------------|--------|------------|
|                          | Range      | 10.0      | 3.0        |        |            |

|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69  | 6789 | 6790 | SN | 1 | 0.0 | 25.937 | 8.431  | 0.0 | 27.228 | 8.192  | 0.0 | 136.441 | 1.757  | 0.0 | 44.936  | 1.912  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.023 | 0.0 |
| 70  | 6789 | 6790 | NS | 1 | 0.0 | 27.09  | 14.034 | 0.0 | 32.836 | 16.004 | 0.0 | 148.98  | 14.707 | 0.0 | 71.292  | 14.34  | 0.0 | 1.919 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.07  | 0.0 |
| 71  | 6789 | 6790 | SN | 1 | 0.0 | 25.937 | 8.429  | 0.0 | 27.228 | 8.201  | 0.0 | 136.441 | 1.759  | 0.0 | 60.345  | 1.912  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.023 | 0.0 |
| 72  | 6789 | 6790 | NS | 1 | 0.0 | 27.068 | 13.949 | 0.0 | 32.836 | 15.99  | 0.0 | 143.04  | 14.736 | 0.0 | 71.292  | 14.324 | 0.0 | 1.92  | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 73  | 6790 | 6791 | SN | 1 | 0.0 | 32.98  | 15.243 | 0.0 | 24.674 | 14.738 | 0.0 | 143.947 | 10.948 | 0.0 | 59.413  | 10.904 | 0.0 | 1.922 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.031 | 0.0 |
| 74  | 6790 | 6791 | SN | 1 | 0.0 | 25.987 | 8.25   | 0.0 | 27.228 | 8.107  | 0.0 | 135.184 | 1.803  | 0.0 | 66.853  | 1.946  | 0.0 | 1.917 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.021 | 0.0 |
| 75  | 6790 | 6791 | SN | 1 | 0.0 | 32.98  | 15.46  | 0.0 | 24.674 | 14.164 | 0.0 | 143.947 | 11.724 | 0.0 | 12.999  | 9.824  | 0.0 | 1.922 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.01  | 0.0 |
| 76  | 6790 | 6791 | SN | 1 | 0.0 | 32.98  | 15.243 | 0.0 | 24.674 | 14.738 | 0.0 | 143.947 | 10.948 | 0.0 | 59.413  | 10.904 | 0.0 | 1.922 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.027 | 0.0 | 0.0 | 2.031 | 0.0 |
| 77  | 6790 | 6791 | NS | 1 | 0.0 | 27.106 | 13.976 | 0.0 | 32.621 | 16.031 | 0.0 | 350.029 | 14.815 | 0.0 | 67.266  | 14.331 | 0.0 | 1.92  | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 78  | 6790 | 6791 | NS | 1 | 0.0 | 27.101 | 13.946 | 0.0 | 32.621 | 16.021 | 0.0 | 351.783 | 14.807 | 0.0 | 67.327  | 14.36  | 0.0 | 1.915 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.07  | 0.0 |
| 79  | 6790 | 6791 | SN | 1 | 0.0 | 25.987 | 8.477  | 0.0 | 27.228 | 8.092  | 0.0 | 135.184 | 1.984  | 0.0 | 11.631  | 1.792  | 0.0 | 1.917 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.01  | 0.0 |
| 80  | 6790 | 6791 | NS | 1 | 0.0 | 26.897 | 10.346 | 0.0 | 26.935 | 10.589 | 0.0 | 317.187 | 5.289  | 0.0 | 150.289 | 4.915  | 0.0 | 1.913 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.069 | 0.0 |
| 81  | 6790 | 6791 | NS | 1 | 0.0 | 26.897 | 10.344 | 0.0 | 26.935 | 10.589 | 0.0 | 317.264 | 5.282  | 0.0 | 150.416 | 4.915  | 0.0 | 1.912 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.067 | 0.0 | 0.0 | 2.07  | 0.0 |
| 82  | 6790 | 6791 | SN | 1 | 0.0 | 25.987 | 8.25   | 0.0 | 27.228 | 8.107  | 0.0 | 135.184 | 1.803  | 0.0 | 66.853  | 1.946  | 0.0 | 1.917 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.026 | 0.0 | 0.0 | 2.021 | 0.0 |
| 83  | 6791 | 6792 | SN | 1 | 0.0 | 32.908 | 15.253 | 0.0 | 24.658 | 14.758 | 0.0 | 135.581 | 10.883 | 0.0 | 65.606  | 10.876 | 0.0 | 1.928 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.027 | 0.0 |
| 84  | 6791 | 6792 | NS | 1 | 0.0 | 25.049 | 10.342 | 0.0 | 26.919 | 10.589 | 0.0 | 142.086 | 5.277  | 0.0 | 132.625 | 4.915  | 0.0 | 1.911 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 85  | 6791 | 6792 | NS | 1 | 0.0 | 27.106 | 13.934 | 0.0 | 32.566 | 16.011 | 0.0 | 147.132 | 14.85  | 0.0 | 74.85   | 14.403 | 0.0 | 1.919 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 86  | 6791 | 6792 | SN | 1 | 0.0 | 25.959 | 8.148  | 0.0 | 27.222 | 8.101  | 0.0 | 129.31  | 1.799  | 0.0 | 64.332  | 1.955  | 0.0 | 1.919 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.018 | 0.0 |
| 87  | 6792 | 6793 | NS | 1 | 0.0 | 27.068 | 14.06  | 0.0 | 32.511 | 16.007 | 0.0 | 149.757 | 14.768 | 0.0 | 77.304  | 14.334 | 0.0 | 1.913 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 88  | 6792 | 6793 | NS | 1 | 0.0 | 26.88  | 10.344 | 0.0 | 26.93  | 10.574 | 0.0 | 148.582 | 5.261  | 0.0 | 137.914 | 4.935  | 0.0 | 1.913 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.069 | 0.0 |
| 89  | 6792 | 6793 | NS | 1 | 0.0 | 26.88  | 10.344 | 0.0 | 26.93  | 10.574 | 0.0 | 148.582 | 5.261  | 0.0 | 137.914 | 4.935  | 0.0 | 1.913 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.069 | 0.0 |
| 90  | 6792 | 6793 | SN | 1 | 0.0 | 25.937 | 8.178  | 0.0 | 27.222 | 8.117  | 0.0 | 83.514  | 1.792  | 0.0 | 56.975  | 1.93   | 0.0 | 1.917 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.019 | 0.0 |
| 91  | 6792 | 6793 | SN | 1 | 0.0 | 32.875 | 15.235 | 0.0 | 24.669 | 14.719 | 0.0 | 87.997  | 10.87  | 0.0 | 71.64   | 10.928 | 0.0 | 1.927 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.028 | 0.0 |
| 92  | 6792 | 6793 | NS | 1 | 0.0 | 27.068 | 14.06  | 0.0 | 32.511 | 16.007 | 0.0 | 149.757 | 14.768 | 0.0 | 77.304  | 14.334 | 0.0 | 1.913 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 93  | 6793 | 6794 | SN | 1 | 0.0 | 33.002 | 15.211 | 0.0 | 24.674 | 14.818 | 0.0 | 170.413 | 10.84  | 0.0 | 52.023  | 10.873 | 0.0 | 1.928 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.017 | 0.0 |
| 94  | 6793 | 6794 | SN | 1 | 0.0 | 33.002 | 15.201 | 0.0 | 24.674 | 14.818 | 0.0 | 170.413 | 10.84  | 0.0 | 52.023  | 10.873 | 0.0 | 1.928 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.017 | 0.0 |
| 95  | 6793 | 6794 | SN | 1 | 0.0 | 25.948 | 8.225  | 0.0 | 27.228 | 8.098  | 0.0 | 164.733 | 1.786  | 0.0 | 60.841  | 1.915  | 0.0 | 1.919 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.024 | 0.0 |
| 96  | 6793 | 6794 | NS | 1 | 0.0 | 26.941 | 10.376 | 0.0 | 26.924 | 10.576 | 0.0 | 355.191 | 5.331  | 0.0 | 140.462 | 4.901  | 0.0 | 1.911 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.07  | 0.0 | 0.0 | 2.069 | 0.0 |
| 97  | 6793 | 6794 | NS | 1 | 0.0 | 27.09  | 14.085 | 0.0 | 32.82  | 16.03  | 0.0 | 353.321 | 14.827 | 0.0 | 66.147  | 14.334 | 0.0 | 1.915 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.071 | 0.0 |
| 98  | 6793 | 6794 | NS | 1 | 0.0 | 26.941 | 10.376 | 0.0 | 26.924 | 10.576 | 0.0 | 355.191 | 5.331  | 0.0 | 140.462 | 4.901  | 0.0 | 1.911 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.07  | 0.0 | 0.0 | 2.069 | 0.0 |
| 99  | 6793 | 6794 | SN | 1 | 0.0 | 25.948 | 8.225  | 0.0 | 27.228 | 8.098  | 0.0 | 164.733 | 1.784  | 0.0 | 60.841  | 1.915  | 0.0 | 1.919 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.024 | 0.0 |
| 100 | 6793 | 6794 | NS | 1 | 0.0 | 27.09  | 14.085 | 0.0 | 32.82  | 16.03  | 0.0 | 353.321 | 14.827 | 0.0 | 66.147  | 14.334 | 0.0 | 1.915 | 0.0 | 0.0 | 1.926 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.071 | 0.0 |
| 101 | 6794 | 6795 | SN | 1 | 0.0 | 25.943 | 8.186  | 0.0 | 27.222 | 8.075  | 0.0 | 124.038 | 1.816  | 0.0 | 121.713 | 1.929  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.013 | 0.0 | 0.0 | 2.024 | 0.0 |
| 102 | 6794 | 6795 | NS | 1 | 0.0 | 27.112 | 14.095 | 0.0 | 32.825 | 16.051 | 0.0 | 316.597 | 14.813 | 0.0 | 72.627  | 14.253 | 0.0 | 1.914 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.071 | 0.0 |
| 103 | 6794 | 6795 | SN | 1 | 0.0 | 32.974 | 15.232 | 0.0 | 24.663 | 14.787 | 0.0 | 128.665 | 10.897 | 0.0 | 141.832 | 10.831 | 0.0 | 1.925 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 104 | 6794 | 6795 | NS | 1 | 0.0 | 26.93  | 10.403 | 0.0 | 26.924 | 10.54  | 0.0 | 306.565 | 5.312  | 0.0 | 149.456 | 4.918  | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.068 | 0.0 |
| 105 | 6794 | 6795 | SN | 1 | 0.0 | 32.974 | 15.222 | 0.0 | 24.663 | 14.757 | 0.0 | 128.665 | 10.926 | 0.0 | 52.878  | 10.795 | 0.0 | 1.925 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.016 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|--------------------------|------------|-----------|------------|--------|------------|
|                          | Range      | 10.0      | 3.0        |        |            |

|     |      |      |    |   |     |        |        |     |         |        |       |         |        |     |         |        |     |       |     |     |       |     |       |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-------|-------|-----|-----|-------|-----|
| 106 | 6794 | 6795 | NS | 1 | 0.0 | 26.93  | 10.403 | 0.0 | 26.924  | 10.54  | 0.0   | 306.565 | 5.312  | 0.0 | 149.456 | 4.918  | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.071 | 0.0 | 0.0 | 2.068 | 0.0 |
| 107 | 6794 | 6795 | SN | 1 | 0.0 | 25.937 | 8.175  | 0.0 | 27.217  | 8.069  | 0.0   | 124.038 | 1.819  | 0.0 | 65.573  | 1.917  | 0.0 | 1.917 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0   | 2.013 | 0.0 | 0.0 | 2.019 | 0.0 |
| 108 | 6794 | 6795 | NS | 1 | 0.0 | 27.112 | 14.095 | 0.0 | 32.825  | 16.051 | 0.0   | 316.597 | 14.813 | 0.0 | 72.627  | 14.253 | 0.0 | 1.914 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0   | 2.072 | 0.0 | 0.0 | 2.071 | 0.0 |
| 109 | 6795 | 6796 | SN | 1 | 0.0 | 25.915 | 8.099  | 0.0 | 27.233  | 8.068  | 0.0   | 150.058 | 1.827  | 0.0 | 43.083  | 1.923  | 0.0 | 1.918 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0   | 2.024 | 0.0 | 0.0 | 2.022 | 0.0 |
| 110 | 6795 | 6796 | NS | 1 | 0.0 | 27.117 | 14.085 | 0.0 | 30.062  | 15.834 | 0.518 | 338.083 | 15.002 | 0.0 | 17.394  | 13.933 | 0.0 | 1.916 | 0.0 | 0.0 | 1.91  | 0.0 | 0.001 | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 111 | 6795 | 6796 | NS | 1 | 0.0 | 26.941 | 10.436 | 0.0 | 26.935  | 10.499 | 0.0   | 338.083 | 5.362  | 0.0 | 166.277 | 4.943  | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.072 | 0.0 | 0.0 | 2.068 | 0.0 |
| 112 | 6795 | 6796 | NS | 1 | 0.0 | 26.941 | 10.489 | 0.0 | 26.935  | 10.522 | 0.0   | 338.083 | 5.458  | 0.0 | 14.278  | 4.87   | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.072 | 0.0 | 0.0 | 2.068 | 0.0 |
| 113 | 6795 | 6796 | SN | 1 | 0.0 | 32.908 | 15.156 | 0.0 | 24.663  | 14.767 | 0.0   | 94.852  | 10.877 | 0.0 | 54.218  | 10.731 | 0.0 | 1.927 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0   | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 114 | 6795 | 6796 | NS | 1 | 0.0 | 26.941 | 10.436 | 0.0 | 26.935  | 10.499 | 0.0   | 338.083 | 5.362  | 0.0 | 166.382 | 4.943  | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.072 | 0.0 | 0.0 | 2.068 | 0.0 |
| 115 | 6795 | 6796 | SN | 1 | 0.0 | 25.915 | 8.122  | 0.0 | 27.233  | 8.074  | 0.0   | 150.058 | 1.827  | 0.0 | 43.083  | 1.928  | 0.0 | 1.918 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0   | 2.024 | 0.0 | 0.0 | 2.022 | 0.0 |
| 116 | 6795 | 6796 | NS | 1 | 0.0 | 27.117 | 14.046 | 0.0 | 32.897  | 16.091 | 0.0   | 338.083 | 14.786 | 0.0 | 79.278  | 14.259 | 0.0 | 1.916 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0   | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 117 | 6795 | 6796 | NS | 1 | 0.0 | 27.117 | 14.046 | 0.0 | 32.88   | 16.091 | 0.0   | 338.083 | 14.786 | 0.0 | 79.284  | 14.259 | 0.0 | 1.916 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0   | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 118 | 6795 | 6796 | SN | 1 | 0.0 | 32.908 | 15.166 | 0.0 | 24.663  | 14.767 | 0.0   | 94.852  | 10.934 | 0.0 | 54.218  | 10.759 | 0.0 | 1.927 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0   | 2.021 | 0.0 | 0.0 | 2.017 | 0.0 |
| 119 | 6796 | 6797 | SN | 1 | 0.0 | 25.943 | 8.027  | 0.0 | 113.292 | 8.102  | 0.0   | 139.011 | 1.827  | 0.0 | 44.081  | 1.898  | 0.0 | 1.917 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0   | 2.023 | 0.0 | 0.0 | 2.022 | 0.0 |
| 120 | 6796 | 6797 | NS | 1 | 0.0 | 27.145 | 14.217 | 0.0 | 29.494  | 15.426 | 0.0   | 352.185 | 16.163 | 0.0 | 15.492  | 13.396 | 0.0 | 1.912 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0   | 2.075 | 0.0 | 0.0 | 2.069 | 0.0 |
| 121 | 6796 | 6797 | SN | 1 | 0.0 | 32.224 | 15.318 | 0.0 | 131.139 | 14.238 | 0.0   | 88.372  | 11.399 | 0.0 | 12.993  | 9.624  | 0.0 | 1.921 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.01  | 0.0 |
| 122 | 6796 | 6797 | SN | 1 | 0.0 | 32.224 | 15.176 | 0.0 | 131.139 | 14.808 | 0.0   | 88.372  | 10.785 | 0.0 | 55.326  | 10.66  | 0.0 | 1.921 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.017 | 0.0 |
| 123 | 6796 | 6797 | SN | 1 | 0.0 | 32.224 | 15.166 | 0.0 | 131.139 | 14.777 | 0.0   | 88.372  | 10.778 | 0.0 | 55.266  | 10.652 | 0.0 | 1.921 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.019 | 0.0 |
| 124 | 6796 | 6797 | NS | 1 | 0.0 | 27.145 | 13.959 | 0.0 | 32.665  | 16.134 | 0.0   | 352.185 | 14.985 | 0.0 | 71.596  | 14.224 | 0.0 | 1.912 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0   | 2.075 | 0.0 | 0.0 | 2.069 | 0.0 |
| 125 | 6796 | 6797 | NS | 1 | 0.0 | 27.145 | 13.959 | 0.0 | 32.665  | 16.134 | 0.0   | 352.185 | 14.985 | 0.0 | 71.596  | 14.224 | 0.0 | 1.912 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0   | 2.075 | 0.0 | 0.0 | 2.069 | 0.0 |
| 126 | 6796 | 6797 | NS | 1 | 0.0 | 26.963 | 10.891 | 0.0 | 26.941  | 10.587 | 0.0   | 352.185 | 6.019  | 0.0 | 14.295  | 5.076  | 0.0 | 1.913 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0   | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 127 | 6796 | 6797 | SN | 1 | 0.0 | 25.943 | 8.216  | 0.0 | 113.292 | 8.061  | 0.0   | 139.011 | 1.981  | 0.0 | 11.62   | 1.734  | 0.0 | 1.917 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0   | 2.023 | 0.0 | 0.0 | 2.007 | 0.0 |
| 128 | 6796 | 6797 | SN | 1 | 0.0 | 25.943 | 8.029  | 0.0 | 113.292 | 8.104  | 0.0   | 139.011 | 1.823  | 0.0 | 44.021  | 1.896  | 0.0 | 1.917 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0   | 2.023 | 0.0 | 0.0 | 2.024 | 0.0 |
| 129 | 6796 | 6797 | NS | 1 | 0.0 | 26.963 | 10.455 | 0.0 | 26.941  | 10.474 | 0.0   | 352.185 | 5.389  | 0.0 | 136.419 | 4.969  | 0.0 | 1.913 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0   | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 130 | 6796 | 6797 | NS | 1 | 0.0 | 26.963 | 10.455 | 0.0 | 26.941  | 10.474 | 0.0   | 352.185 | 5.389  | 0.0 | 136.419 | 4.969  | 0.0 | 1.913 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0   | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 131 | 6797 | 6798 | SN | 1 | 0.0 | 25.926 | 8.135  | 0.0 | 27.222  | 8.08   | 0.0   | 131.064 | 1.87   | 0.0 | 11.615  | 1.742  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0   | 2.012 | 0.0 | 0.0 | 2.028 | 0.0 |
| 132 | 6797 | 6798 | SN | 1 | 0.0 | 32.902 | 15.261 | 0.0 | 24.669  | 14.251 | 0.0   | 139.734 | 10.872 | 0.0 | 14.345  | 10.035 | 0.0 | 1.904 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.02  | 0.0 |
| 133 | 6797 | 6798 | SN | 1 | 0.0 | 25.926 | 8.019  | 0.0 | 27.222  | 8.121  | 0.0   | 131.064 | 1.798  | 0.0 | 56.06   | 1.914  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0   | 2.012 | 0.0 | 0.0 | 2.028 | 0.0 |
| 134 | 6797 | 6798 | NS | 1 | 0.0 | 27.101 | 13.973 | 0.0 | 32.638  | 16.092 | 0.0   | 161.041 | 14.962 | 0.0 | 61.944  | 14.217 | 0.0 | 1.921 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0   | 2.075 | 0.0 | 0.0 | 2.07  | 0.0 |
| 135 | 6797 | 6798 | SN | 1 | 0.0 | 25.926 | 8.019  | 0.0 | 27.222  | 8.121  | 0.0   | 131.064 | 1.798  | 0.0 | 56.06   | 1.914  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0   | 2.012 | 0.0 | 0.0 | 2.028 | 0.0 |
| 136 | 6797 | 6798 | NS | 1 | 0.0 | 27.101 | 13.973 | 0.0 | 32.632  | 16.104 | 0.0   | 160.853 | 14.991 | 0.0 | 62.011  | 14.224 | 0.0 | 1.92  | 0.0 | 0.0 | 1.91  | 0.0 | 0.0   | 2.075 | 0.0 | 0.0 | 2.071 | 0.0 |
| 137 | 6797 | 6798 | NS | 1 | 0.0 | 26.941 | 10.461 | 0.0 | 26.957  | 10.499 | 0.0   | 352.698 | 5.406  | 0.0 | 127.694 | 4.948  | 0.0 | 1.915 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0   | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 138 | 6797 | 6798 | SN | 1 | 0.0 | 32.902 | 15.212 | 0.0 | 24.669  | 14.701 | 0.0   | 139.734 | 10.578 | 0.0 | 42.824  | 10.793 | 0.0 | 1.904 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.02  | 0.0 |
| 139 | 6797 | 6798 | SN | 1 | 0.0 | 32.902 | 15.212 | 0.0 | 24.669  | 14.701 | 0.0   | 139.734 | 10.578 | 0.0 | 42.824  | 10.793 | 0.0 | 1.904 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0   | 2.019 | 0.0 | 0.0 | 2.02  | 0.0 |
| 140 | 6797 | 6798 | NS | 1 | 0.0 | 26.941 | 10.455 | 0.0 | 26.957  | 10.485 | 0.0   | 352.682 | 5.41   | 0.0 | 127.518 | 4.952  | 0.0 | 1.913 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0   | 2.07  | 0.0 | 0.0 | 2.069 | 0.0 |
| 141 | 6798 | 6799 | SN | 1 | 0.0 | 32.947 | 15.231 | 0.0 | 24.669  | 14.553 | 0.0   | 136.711 | 10.784 | 0.0 | 18.205  | 10.591 | 0.0 | 1.909 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0   | 2.021 | 0.0 | 0.0 | 2.029 | 0.0 |
| 142 | 6798 | 6799 | SN | 1 | 0.0 | 32.947 | 15.212 | 0.0 | 24.669  | 14.697 | 0.0   | 136.711 | 10.705 | 0.0 | 65.105  | 10.884 | 0.0 | 1.909 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0   | 2.021 | 0.0 | 0.0 | 2.029 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|--------------------------|------------|-----------|------------|--------|------------|
|                          | Range      | 10.0      | 3.0        |        |            |

|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 6798 | 6799 | SN | 1 | 0.0 | 25.926 | 8.076  | 0.0 | 27.239 | 8.125  | 0.0 | 130.518 | 1.82   | 0.0 | 12.425  | 1.787  | 0.0 | 1.916 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.021 | 0.0 |
| 144 | 6798 | 6799 | NS | 1 | 0.0 | 27.101 | 13.943 | 0.0 | 32.61  | 16.104 | 0.0 | 139.781 | 14.934 | 0.0 | 74.916  | 14.245 | 0.0 | 1.916 | 0.0 | 0.0 | 1.9   | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.07  | 0.0 |
| 145 | 6798 | 6799 | SN | 1 | 0.0 | 25.926 | 8.051  | 0.0 | 27.239 | 8.145  | 0.0 | 130.518 | 1.803  | 0.0 | 56.981  | 1.909  | 0.0 | 1.916 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.021 | 0.0 |
| 146 | 6798 | 6799 | NS | 1 | 0.0 | 26.941 | 10.446 | 0.0 | 26.946 | 10.513 | 0.0 | 132.788 | 5.352  | 0.0 | 134.174 | 4.927  | 0.0 | 1.913 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.068 | 0.0 |
| 147 | 6799 | 6800 | SN | 1 | 0.0 | 25.943 | 8.167  | 0.0 | 27.25  | 8.161  | 0.0 | 132.503 | 1.823  | 0.0 | 12.883  | 1.799  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.009 | 0.0 |
| 148 | 6799 | 6800 | NS | 1 | 0.0 | 27.128 | 14.018 | 0.0 | 32.031 | 16.149 | 0.0 | 154.506 | 14.761 | 0.0 | 77.723  | 14.376 | 0.0 | 1.913 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.069 | 0.0 |
| 149 | 6799 | 6800 | NS | 1 | 0.0 | 27.128 | 14.018 | 0.0 | 32.031 | 16.149 | 0.0 | 154.506 | 14.761 | 0.0 | 77.723  | 14.376 | 0.0 | 1.913 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.069 | 0.0 |
| 150 | 6799 | 6800 | SN | 1 | 0.0 | 32.252 | 15.145 | 0.0 | 24.674 | 14.707 | 0.0 | 131.367 | 10.709 | 0.0 | 37.011  | 10.759 | 0.0 | 1.924 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.022 | 0.0 |
| 151 | 6799 | 6800 | NS | 1 | 0.0 | 26.957 | 10.378 | 0.0 | 26.935 | 10.532 | 0.0 | 149.498 | 5.243  | 0.0 | 137.246 | 4.898  | 0.0 | 1.912 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.069 | 0.0 |
| 152 | 6799 | 6800 | SN | 1 | 0.0 | 32.252 | 15.173 | 0.0 | 24.674 | 14.618 | 0.0 | 131.367 | 10.78  | 0.0 | 18.47   | 10.508 | 0.0 | 1.924 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.022 | 0.0 |
| 153 | 6799 | 6800 | SN | 1 | 0.0 | 32.919 | 15.173 | 0.0 | 24.674 | 14.608 | 0.0 | 131.378 | 10.787 | 0.0 | 18.47   | 10.523 | 0.0 | 1.924 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.022 | 0.0 |
| 154 | 6799 | 6800 | NS | 1 | 0.0 | 26.957 | 10.378 | 0.0 | 26.935 | 10.532 | 0.0 | 149.498 | 5.243  | 0.0 | 137.246 | 4.898  | 0.0 | 1.912 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.069 | 0.0 |
| 155 | 6799 | 6800 | SN | 1 | 0.0 | 25.943 | 8.147  | 0.0 | 27.25  | 8.181  | 0.0 | 132.503 | 1.808  | 0.0 | 53.071  | 1.908  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.009 | 0.0 |
| 156 | 6799 | 6800 | SN | 1 | 0.0 | 25.943 | 8.165  | 0.0 | 27.25  | 8.161  | 0.0 | 132.514 | 1.819  | 0.0 | 12.883  | 1.797  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.008 | 0.0 |
| 157 | 6800 | 6801 | NS | 1 | 0.0 | 27.128 | 14.039 | 0.0 | 31.959 | 16.098 | 0.0 | 151.401 | 14.655 | 0.0 | 79.251  | 14.504 | 0.0 | 1.919 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.073 | 0.0 |
| 158 | 6800 | 6801 | NS | 1 | 0.0 | 26.93  | 10.376 | 0.0 | 26.924 | 10.532 | 0.0 | 353.454 | 5.206  | 0.0 | 139.767 | 4.928  | 0.0 | 1.915 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.067 | 0.0 |
| 159 | 6800 | 6801 | SN | 1 | 0.0 | 25.926 | 8.277  | 0.0 | 27.233 | 8.129  | 0.0 | 135.388 | 1.807  | 0.0 | 11.962  | 1.776  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.009 | 0.0 |
| 160 | 6800 | 6801 | SN | 1 | 0.0 | 33.04  | 15.145 | 0.0 | 24.674 | 14.697 | 0.0 | 135.388 | 10.745 | 0.0 | 68.226  | 10.765 | 0.0 | 1.926 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.023 | 0.0 |
| 161 | 6800 | 6801 | SN | 1 | 0.0 | 33.04  | 15.181 | 0.0 | 24.674 | 14.559 | 0.0 | 135.388 | 10.854 | 0.0 | 16.749  | 10.432 | 0.0 | 1.926 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.023 | 0.0 |
| 162 | 6800 | 6801 | NS | 1 | 0.0 | 26.93  | 10.376 | 0.0 | 26.924 | 10.532 | 0.0 | 353.454 | 5.206  | 0.0 | 139.767 | 4.928  | 0.0 | 1.915 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.067 | 0.0 |
| 163 | 6800 | 6801 | NS | 1 | 0.0 | 27.128 | 14.039 | 0.0 | 31.959 | 16.098 | 0.0 | 151.401 | 14.655 | 0.0 | 79.251  | 14.504 | 0.0 | 1.919 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.073 | 0.0 |
| 164 | 6800 | 6801 | SN | 1 | 0.0 | 25.926 | 8.246  | 0.0 | 27.233 | 8.168  | 0.0 | 135.388 | 1.783  | 0.0 | 59.237  | 1.912  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.009 | 0.0 |
| 165 | 6801 | 6802 | NS | 1 | 0.0 | 27.139 | 14.055 | 0.0 | 32.88  | 16.142 | 0.0 | 178.275 | 14.772 | 0.0 | 67.978  | 14.417 | 0.0 | 1.922 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.073 | 0.0 |
| 166 | 6801 | 6802 | NS | 1 | 0.0 | 26.935 | 10.347 | 0.0 | 26.919 | 10.524 | 0.0 | 353.691 | 5.241  | 0.0 | 149.263 | 4.895  | 0.0 | 1.914 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 167 | 6801 | 6802 | SN | 1 | 0.0 | 32.169 | 15.124 | 0.0 | 24.669 | 14.767 | 0.0 | 149.291 | 10.884 | 0.0 | 53.027  | 10.866 | 0.0 | 1.92  | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.023 | 0.0 |
| 168 | 6801 | 6802 | SN | 1 | 0.0 | 25.921 | 8.239  | 0.0 | 27.233 | 8.113  | 0.0 | 149.247 | 1.798  | 0.0 | 41.556  | 1.909  | 0.0 | 1.915 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.017 | 0.0 |
| 169 | 6801 | 6802 | SN | 1 | 0.0 | 32.163 | 15.104 | 0.0 | 24.669 | 14.757 | 0.0 | 149.247 | 10.87  | 0.0 | 52.679  | 10.845 | 0.0 | 1.924 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.018 | 0.0 |
| 170 | 6801 | 6802 | NS | 1 | 0.0 | 27.139 | 14.055 | 0.0 | 32.88  | 16.142 | 0.0 | 178.275 | 14.772 | 0.0 | 67.978  | 14.417 | 0.0 | 1.922 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.073 | 0.0 |
| 171 | 6801 | 6802 | SN | 1 | 0.0 | 25.921 | 8.232  | 0.0 | 27.233 | 8.111  | 0.0 | 149.291 | 1.803  | 0.0 | 41.556  | 1.909  | 0.0 | 1.916 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.017 | 0.0 |
| 172 | 6801 | 6802 | NS | 1 | 0.0 | 26.935 | 10.347 | 0.0 | 26.919 | 10.524 | 0.0 | 353.691 | 5.241  | 0.0 | 149.263 | 4.895  | 0.0 | 1.914 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 173 | 6802 | 6803 | SN | 1 | 0.0 | 32.34  | 15.164 | 0.0 | 24.68  | 14.787 | 0.0 | 134.5   | 10.827 | 0.0 | 75.655  | 10.709 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.018 | 0.0 |
| 174 | 6802 | 6803 | SN | 1 | 0.0 | 32.34  | 15.183 | 0.0 | 24.68  | 14.307 | 0.0 | 134.5   | 11.076 | 0.0 | 14.731  | 9.983  | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.018 | 0.0 |
| 175 | 6802 | 6803 | NS | 1 | 0.0 | 26.963 | 10.376 | 0.0 | 26.941 | 10.533 | 0.0 | 349.566 | 5.31   | 0.0 | 141.835 | 4.899  | 0.0 | 1.914 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.066 | 0.0 |
| 176 | 6802 | 6803 | SN | 1 | 0.0 | 32.34  | 15.164 | 0.0 | 24.68  | 14.787 | 0.0 | 134.5   | 10.827 | 0.0 | 75.655  | 10.709 | 0.0 | 1.923 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.018 | 0.0 |
| 177 | 6802 | 6803 | NS | 1 | 0.0 | 27.172 | 14.088 | 0.0 | 32.864 | 16.173 | 0.0 | 185.765 | 14.871 | 0.0 | 74.552  | 14.382 | 0.0 | 1.923 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 178 | 6802 | 6803 | SN | 1 | 0.0 | 25.943 | 8.189  | 0.0 | 27.239 | 8.082  | 0.0 | 141.443 | 1.802  | 0.0 | 31.64   | 1.903  | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.011 | 0.0 |
| 179 | 6802 | 6803 | NS | 1 | 0.0 | 27.178 | 14.088 | 0.0 | 32.07  | 16.134 | 0.0 | 185.77  | 14.885 | 0.0 | 74.596  | 14.396 | 0.0 | 1.922 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |

|                          |            |           |            |          |             |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal   | Deviations  |
|                          | Range      | 10.0      | 3.0        | Alarming | High Errors |

|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 6802 | 6803 | SN | 1 | 0.0 | 25.943 | 8.189  | 0.0 | 27.239 | 8.082  | 0.0 | 141.443 | 1.802  | 0.0 | 31.64   | 1.903  | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.011 | 0.0 |
| 181 | 6802 | 6803 | SN | 1 | 0.0 | 25.943 | 8.302  | 0.0 | 27.239 | 8.032  | 0.0 | 141.443 | 1.86   | 0.0 | 11.714  | 1.75   | 0.0 | 1.919 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.011 | 0.0 |
| 182 | 6802 | 6803 | NS | 1 | 0.0 | 26.963 | 10.376 | 0.0 | 26.941 | 10.527 | 0.0 | 349.549 | 5.29   | 0.0 | 146.837 | 4.91   | 0.0 | 1.914 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.066 | 0.0 |
| 183 | 6803 | 6804 | SN | 1 | 0.0 | 32.136 | 15.22  | 0.0 | 24.663 | 14.297 | 0.0 | 83.177  | 11.21  | 0.0 | 13.826  | 9.726  | 0.0 | 1.924 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.017 | 0.0 |
| 184 | 6803 | 6804 | NS | 1 | 0.0 | 27.167 | 14.047 | 0.0 | 32.103 | 16.195 | 0.0 | 189.989 | 14.949 | 0.0 | 76.504  | 14.325 | 0.0 | 1.923 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.07  | 0.0 |
| 185 | 6803 | 6804 | NS | 1 | 0.0 | 27.106 | 13.951 | 0.0 | 32.698 | 16.196 | 0.0 | 145.571 | 14.992 | 0.0 | 72.07   | 14.252 | 0.0 | 1.919 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.071 | 0.0 |
| 186 | 6803 | 6804 | SN | 1 | 0.0 | 25.932 | 8.303  | 0.0 | 27.228 | 7.977  | 0.0 | 139.105 | 1.956  | 0.0 | 11.615  | 1.727  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.016 | 0.0 |
| 187 | 6803 | 6804 | NS | 1 | 0.0 | 26.952 | 10.439 | 0.0 | 26.935 | 10.498 | 0.0 | 182.036 | 5.37   | 0.0 | 180.329 | 4.938  | 0.0 | 1.914 | 0.0 | 0.0 | 1.92  | 0.0 | 0.0 | 2.07  | 0.0 | 0.0 | 2.067 | 0.0 |
| 188 | 6803 | 6804 | NS | 1 | 0.0 | 26.952 | 10.455 | 0.0 | 26.941 | 10.508 | 0.0 | 352.174 | 5.361  | 0.0 | 167.65  | 4.932  | 0.0 | 1.914 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.07  | 0.0 | 0.0 | 2.068 | 0.0 |
| 189 | 6803 | 6804 | SN | 1 | 0.0 | 25.932 | 8.13   | 0.0 | 27.228 | 8.027  | 0.0 | 139.259 | 1.855  | 0.0 | 43.607  | 1.9    | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.016 | 0.0 |
| 190 | 6803 | 6804 | SN | 1 | 0.0 | 25.932 | 8.139  | 0.0 | 27.228 | 8.043  | 0.0 | 139.105 | 1.857  | 0.0 | 43.607  | 1.898  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.016 | 0.0 |
| 191 | 6803 | 6804 | SN | 1 | 0.0 | 32.141 | 15.144 | 0.0 | 24.873 | 14.757 | 0.0 | 87.065  | 10.842 | 0.0 | 55.045  | 10.602 | 0.0 | 1.922 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.018 | 0.0 |
| 192 | 6803 | 6804 | SN | 1 | 0.0 | 32.136 | 15.134 | 0.0 | 24.873 | 14.787 | 0.0 | 83.177  | 10.82  | 0.0 | 54.731  | 10.61  | 0.0 | 1.924 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.02  | 0.0 | 0.0 | 2.018 | 0.0 |
| 193 | 6804 | 6805 | SN | 1 | 0.0 | 38.175 | 7.995  | 0.0 | 27.222 | 7.978  | 0.0 | 110.179 | 1.853  | 0.0 | 60.025  | 1.893  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.013 | 0.0 |
| 194 | 6804 | 6805 | SN | 1 | 0.0 | 38.175 | 7.997  | 0.0 | 27.222 | 7.978  | 0.0 | 110.179 | 1.853  | 0.0 | 60.069  | 1.896  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.012 | 0.0 |
| 195 | 6804 | 6805 | SN | 1 | 0.0 | 38.175 | 8.191  | 0.0 | 27.222 | 7.926  | 0.0 | 110.179 | 2.009  | 0.0 | 11.604  | 1.742  | 0.0 | 1.917 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.006 | 0.0 |
| 196 | 6804 | 6805 | NS | 1 | 0.0 | 27.167 | 14.056 | 0.0 | 32.119 | 16.193 | 0.0 | 146.9   | 14.899 | 0.0 | 67.404  | 14.404 | 0.0 | 1.922 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 197 | 6804 | 6805 | NS | 1 | 0.0 | 26.957 | 10.52  | 0.0 | 26.952 | 10.464 | 0.0 | 351.595 | 5.428  | 0.0 | 157.905 | 4.97   | 0.0 | 1.915 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.069 | 0.0 |
| 198 | 6804 | 6805 | SN | 1 | 0.0 | 32.119 | 15.35  | 0.0 | 24.674 | 14.16  | 0.0 | 86.404  | 11.469 | 0.0 | 13.115  | 9.421  | 0.0 | 1.921 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.007 | 0.0 |
| 199 | 6804 | 6805 | SN | 1 | 0.0 | 32.119 | 15.185 | 0.0 | 24.873 | 14.736 | 0.0 | 86.404  | 10.827 | 0.0 | 55.944  | 10.488 | 0.0 | 1.921 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.018 | 0.0 |
| 200 | 6804 | 6805 | SN | 1 | 0.0 | 32.119 | 15.185 | 0.0 | 24.867 | 14.726 | 0.0 | 86.404  | 10.82  | 0.0 | 55.911  | 10.481 | 0.0 | 1.921 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.018 | 0.0 |
| 201 | 6805 | 6806 | NS | 1 | 0.0 | 27.134 | 13.975 | 0.0 | 32.522 | 16.237 | 0.0 | 159.111 | 14.89  | 0.0 | 70.614  | 14.466 | 0.0 | 1.915 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.073 | 0.0 |
| 202 | 6805 | 6806 | NS | 1 | 0.0 | 27.139 | 13.975 | 0.0 | 32.092 | 16.257 | 0.0 | 352.682 | 14.905 | 0.0 | 70.581  | 14.451 | 0.0 | 1.915 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.072 | 0.0 |
| 203 | 6805 | 6806 | NS | 1 | 0.0 | 26.941 | 10.522 | 0.0 | 26.963 | 10.454 | 0.0 | 159.111 | 5.449  | 0.0 | 151.045 | 4.945  | 0.0 | 1.913 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.07  | 0.0 |
| 204 | 6805 | 6806 | SN | 1 | 0.0 | 25.909 | 7.974  | 0.0 | 27.217 | 7.949  | 0.0 | 131.869 | 1.881  | 0.0 | 56.126  | 1.903  | 0.0 | 1.917 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.012 | 0.0 |
| 205 | 6805 | 6806 | SN | 1 | 0.0 | 33.073 | 15.243 | 0.0 | 24.669 | 14.669 | 0.0 | 137.93  | 10.855 | 0.0 | 43.1    | 10.381 | 0.0 | 1.902 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.018 | 0.0 | 0.0 | 2.03  | 0.0 |
| 206 | 6805 | 6806 | NS | 1 | 0.0 | 26.952 | 10.527 | 0.0 | 26.963 | 10.445 | 0.0 | 321.29  | 5.437  | 0.0 | 150.984 | 4.961  | 0.0 | 1.913 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.07  | 0.0 |
| 207 | 6806 | 6807 | NS | 1 | 0.0 | 26.946 | 10.504 | 0.0 | 26.952 | 10.486 | 0.0 | 140.475 | 5.45   | 0.0 | 137.621 | 4.951  | 0.0 | 1.913 | 0.0 | 0.0 | 1.919 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.07  | 0.0 |
| 208 | 6806 | 6807 | NS | 1 | 0.0 | 26.946 | 10.511 | 0.0 | 26.952 | 10.482 | 0.0 | 140.481 | 5.45   | 0.0 | 137.61  | 4.953  | 0.0 | 1.913 | 0.0 | 0.0 | 1.919 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.07  | 0.0 |
| 209 | 6806 | 6807 | NS | 1 | 0.0 | 27.123 | 14.049 | 0.0 | 32.053 | 16.23  | 0.0 | 155.438 | 14.889 | 0.0 | 73.763  | 14.348 | 0.0 | 1.915 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.072 | 0.0 |
| 210 | 6806 | 6807 | NS | 1 | 0.0 | 27.123 | 14.039 | 0.0 | 32.048 | 16.23  | 0.0 | 155.438 | 14.889 | 0.0 | 73.763  | 14.362 | 0.0 | 1.915 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 211 | 6806 | 6807 | SN | 1 | 0.0 | 25.909 | 7.958  | 0.0 | 27.222 | 7.942  | 0.0 | 124.909 | 1.856  | 0.0 | 57.069  | 1.914  | 0.0 | 1.918 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.013 | 0.0 |
| 212 | 6806 | 6807 | SN | 1 | 0.0 | 32.858 | 15.232 | 0.0 | 24.652 | 14.659 | 0.0 | 87.407  | 10.698 | 0.0 | 65.154  | 10.438 | 0.0 | 1.902 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.023 | 0.0 |
| 213 | 6807 | 6808 | NS | 1 | 0.0 | 26.957 | 10.513 | 0.0 | 26.963 | 10.489 | 0.0 | 148.428 | 5.456  | 0.0 | 139.651 | 4.99   | 0.0 | 1.913 | 0.0 | 0.0 | 1.921 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 214 | 6807 | 6808 | NS | 1 | 0.0 | 27.128 | 14.017 | 0.0 | 32.875 | 16.21  | 0.0 | 153.789 | 14.889 | 0.0 | 75.032  | 14.319 | 0.0 | 1.922 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 215 | 6807 | 6808 | NS | 1 | 0.0 | 27.128 | 14.017 | 0.0 | 32.875 | 16.21  | 0.0 | 153.789 | 14.889 | 0.0 | 75.032  | 14.319 | 0.0 | 1.922 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.073 | 0.0 |
| 216 | 6807 | 6808 | SN | 1 | 0.0 | 25.893 | 7.992  | 0.0 | 27.228 | 7.972  | 0.0 | 82.995  | 1.853  | 0.0 | 60.88   | 1.922  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.012 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal   | Deviations  |
|--------------------------|------------|-----------|------------|----------|-------------|
|                          | Range      | 10.0      | 3.0        | Alarming | High Errors |

|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 6807 | 6808 | SN | 1 | 0.0 | 25.893 | 7.992  | 0.0 | 27.228 | 7.972  | 0.0 | 82.995  | 1.853  | 0.0 | 60.88   | 1.922  | 0.0 | 1.918 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.012 | 0.0 |
| 218 | 6807 | 6808 | NS | 1 | 0.0 | 26.957 | 10.513 | 0.0 | 26.963 | 10.489 | 0.0 | 148.428 | 5.456  | 0.0 | 139.651 | 4.99   | 0.0 | 1.913 | 0.0 | 0.0 | 1.921 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 219 | 6807 | 6808 | SN | 1 | 0.0 | 32.897 | 15.231 | 0.0 | 24.663 | 14.669 | 0.0 | 94.224  | 10.705 | 0.0 | 71.011  | 10.445 | 0.0 | 1.901 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.02  | 0.0 |
| 220 | 6807 | 6808 | SN | 1 | 0.0 | 32.897 | 15.231 | 0.0 | 24.663 | 14.669 | 0.0 | 94.224  | 10.705 | 0.0 | 71.011  | 10.445 | 0.0 | 1.901 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.02  | 0.0 |
| 221 | 6808 | 6809 | NS | 1 | 0.0 | 26.968 | 10.54  | 0.0 | 26.963 | 10.448 | 0.0 | 353.454 | 5.468  | 0.0 | 154.403 | 5.013  | 0.0 | 1.914 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 222 | 6808 | 6809 | SN | 1 | 0.0 | 25.915 | 7.991  | 0.0 | 27.222 | 7.964  | 0.0 | 68.364  | 1.881  | 0.0 | 54.935  | 1.906  | 0.0 | 1.913 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.005 | 0.0 |
| 223 | 6808 | 6809 | NS | 1 | 0.0 | 27.134 | 14.019 | 0.0 | 30.029 | 16.007 | 0.0 | 150.27  | 15.1   | 0.0 | 20.03   | 14.131 | 0.0 | 1.923 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.072 | 0.0 |
| 224 | 6808 | 6809 | NS | 1 | 0.0 | 27.134 | 13.998 | 0.0 | 32.897 | 16.19  | 0.0 | 150.27  | 14.883 | 0.0 | 69.61   | 14.362 | 0.0 | 1.923 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.072 | 0.0 |
| 225 | 6808 | 6809 | SN | 1 | 0.0 | 32.312 | 15.147 | 0.0 | 24.674 | 14.69  | 0.0 | 85.604  | 10.743 | 0.0 | 67.95   | 10.381 | 0.0 | 1.918 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.027 | 0.0 |
| 226 | 6808 | 6809 | SN | 1 | 0.0 | 32.312 | 15.147 | 0.0 | 24.674 | 14.69  | 0.0 | 85.604  | 10.743 | 0.0 | 67.95   | 10.381 | 0.0 | 1.918 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.027 | 0.0 |
| 227 | 6808 | 6809 | SN | 1 | 0.0 | 25.915 | 7.991  | 0.0 | 27.222 | 7.964  | 0.0 | 68.364  | 1.881  | 0.0 | 54.935  | 1.906  | 0.0 | 1.913 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.005 | 0.0 |
| 228 | 6808 | 6809 | NS | 1 | 0.0 | 26.968 | 10.593 | 0.0 | 26.963 | 10.48  | 0.0 | 353.454 | 5.569  | 0.0 | 14.289  | 4.935  | 0.0 | 1.914 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 229 | 6808 | 6809 | NS | 1 | 0.0 | 27.134 | 13.998 | 0.0 | 32.88  | 16.19  | 0.0 | 150.27  | 14.883 | 0.0 | 69.61   | 14.362 | 0.0 | 1.923 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.072 | 0.0 |
| 230 | 6808 | 6809 | NS | 1 | 0.0 | 26.968 | 10.542 | 0.0 | 26.963 | 10.448 | 0.0 | 353.454 | 5.468  | 0.0 | 154.387 | 5.013  | 0.0 | 1.914 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.069 | 0.0 |
| 231 | 6809 | 6810 | SN | 1 | 0.0 | 25.904 | 7.993  | 0.0 | 27.217 | 7.94   | 0.0 | 73.62   | 1.849  | 0.0 | 180.095 | 1.906  | 0.0 | 1.913 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.006 | 0.0 |
| 232 | 6809 | 6810 | NS | 1 | 0.0 | 26.957 | 10.73  | 0.0 | 26.963 | 10.481 | 0.0 | 322.084 | 5.767  | 0.0 | 14.295  | 4.966  | 0.0 | 1.916 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 233 | 6809 | 6810 | NS | 1 | 0.0 | 27.156 | 14.125 | 0.0 | 29.974 | 15.777 | 0.0 | 328.752 | 15.369 | 0.0 | 15.348  | 13.838 | 0.0 | 1.917 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 234 | 6809 | 6810 | NS | 1 | 0.0 | 27.156 | 14.043 | 0.0 | 32.114 | 16.274 | 0.0 | 328.708 | 14.792 | 0.0 | 74.64   | 14.38  | 0.0 | 1.921 | 0.0 | 0.0 | 1.954 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.071 | 0.0 |
| 235 | 6809 | 6810 | SN | 1 | 0.0 | 32.351 | 15.147 | 0.0 | 24.663 | 14.71  | 0.0 | 129.867 | 10.636 | 0.0 | 114.224 | 10.324 | 0.0 | 1.901 | 0.0 | 0.0 | 1.91  | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.028 | 0.0 |
| 236 | 6809 | 6810 | NS | 1 | 0.0 | 26.957 | 10.58  | 0.0 | 26.963 | 10.438 | 0.0 | 322.084 | 5.487  | 0.0 | 160.503 | 5.007  | 0.0 | 1.916 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 237 | 6809 | 6810 | NS | 1 | 0.0 | 26.957 | 10.574 | 0.0 | 26.963 | 10.44  | 0.0 | 322.029 | 5.469  | 0.0 | 160.503 | 5.007  | 0.0 | 1.916 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 238 | 6809 | 6810 | NS | 1 | 0.0 | 27.156 | 14.043 | 0.0 | 32.114 | 16.264 | 0.0 | 328.752 | 14.764 | 0.0 | 74.64   | 14.396 | 0.0 | 1.917 | 0.0 | 0.0 | 1.955 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 239 | 6810 | 6811 | NS | 1 | 0.0 | 26.968 | 10.592 | 0.0 | 26.974 | 10.386 | 0.0 | 332.706 | 5.455  | 0.0 | 162.775 | 5.049  | 0.0 | 1.915 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.072 | 0.0 |
| 240 | 6810 | 6811 | SN | 1 | 0.0 | 32.191 | 15.144 | 0.0 | 24.834 | 14.757 | 0.0 | 92.134  | 10.578 | 0.0 | 54.047  | 10.246 | 0.0 | 1.92  | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.024 | 0.0 |
| 241 | 6810 | 6811 | NS | 1 | 0.0 | 26.968 | 10.941 | 0.0 | 26.974 | 10.477 | 0.0 | 332.706 | 6.015  | 0.0 | 14.289  | 5.098  | 0.0 | 1.915 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.072 | 0.0 |
| 242 | 6810 | 6811 | NS | 1 | 0.0 | 27.167 | 14.247 | 0.0 | 29.985 | 15.788 | 0.0 | 355.417 | 15.851 | 0.0 | 15.541  | 13.646 | 0.0 | 1.913 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 243 | 6810 | 6811 | NS | 1 | 0.0 | 27.167 | 14.027 | 0.0 | 32.141 | 16.345 | 0.0 | 355.417 | 14.765 | 0.0 | 60.527  | 14.402 | 0.0 | 1.913 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 244 | 6810 | 6811 | NS | 1 | 0.0 | 26.968 | 10.592 | 0.0 | 26.974 | 10.386 | 0.0 | 332.706 | 5.455  | 0.0 | 162.786 | 5.049  | 0.0 | 1.915 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.072 | 0.0 |
| 245 | 6810 | 6811 | NS | 1 | 0.0 | 27.167 | 14.027 | 0.0 | 32.141 | 16.345 | 0.0 | 355.417 | 14.765 | 0.0 | 60.527  | 14.402 | 0.0 | 1.913 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.072 | 0.0 |
| 246 | 6810 | 6811 | SN | 1 | 0.0 | 25.893 | 8.017  | 0.0 | 27.222 | 7.944  | 0.0 | 117.194 | 1.86   | 0.0 | 42.686  | 1.914  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.011 | 0.0 |
| 247 | 6810 | 6811 | SN | 1 | 0.0 | 32.186 | 15.144 | 0.0 | 24.834 | 14.757 | 0.0 | 92.139  | 10.585 | 0.0 | 54.047  | 10.26  | 0.0 | 1.92  | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.025 | 0.0 |
| 248 | 6810 | 6811 | SN | 1 | 0.0 | 25.893 | 8.015  | 0.0 | 27.222 | 7.944  | 0.0 | 117.183 | 1.864  | 0.0 | 42.686  | 1.911  | 0.0 | 1.916 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.011 | 0.0 |
| 249 | 6811 | 6812 | NS | 1 | 0.0 | 26.979 | 10.628 | 0.0 | 26.963 | 10.379 | 0.0 | 315.88  | 5.492  | 0.0 | 139.8   | 5.076  | 0.0 | 1.915 | 0.0 | 0.0 | 1.93  | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 250 | 6811 | 6812 | NS | 1 | 0.0 | 26.979 | 10.633 | 0.0 | 26.963 | 10.384 | 0.0 | 315.88  | 5.495  | 0.0 | 139.8   | 5.074  | 0.0 | 1.915 | 0.0 | 0.0 | 1.93  | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 251 | 6811 | 6812 | NS | 1 | 0.0 | 26.979 | 11.143 | 0.0 | 26.963 | 10.498 | 0.0 | 315.88  | 6.245  | 0.0 | 14.289  | 5.215  | 0.0 | 1.915 | 0.0 | 0.0 | 1.92  | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.07  | 0.0 |
| 252 | 6811 | 6812 | NS | 1 | 0.0 | 27.161 | 14.251 | 0.0 | 29.389 | 15.631 | 0.0 | 153.706 | 16.235 | 0.0 | 14.598  | 13.569 | 0.0 | 1.918 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.075 | 0.0 |
| 253 | 6811 | 6812 | NS | 1 | 0.0 | 27.161 | 13.939 | 0.0 | 32.064 | 16.338 | 0.0 | 153.706 | 14.781 | 0.0 | 156.058 | 14.406 | 0.0 | 1.918 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.075 | 0.0 |

|                          |            |           |            |        |            |
|--------------------------|------------|-----------|------------|--------|------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|                          | Range      | 10.0      | 3.0        |        |            |



|     |      |      |    |   |     |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 254 | 6811 | 6812 | NS | 1 | 0.0 | 27.161 | 13.939 | 0.0 | 32.064 | 16.338 | 0.0 | 146.145 | 14.781 | 0.0 | 156.058 | 14.399 | 0.0 | 1.918 | 0.0 | 0.0 | 1.951 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.075 | 0.0 |
|-----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|

|                          |            |           |            |          |             |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal   | Deviations  |
|                          | Range      | 10.0      | 3.0        | Alarming | High Errors |