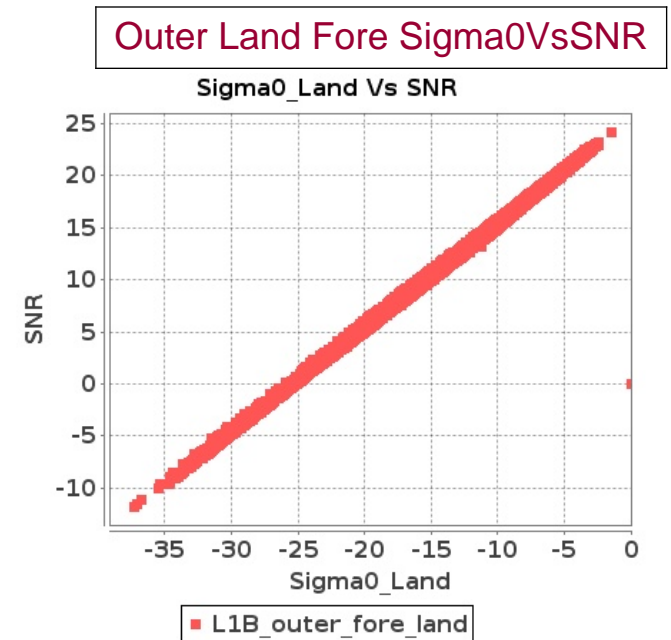
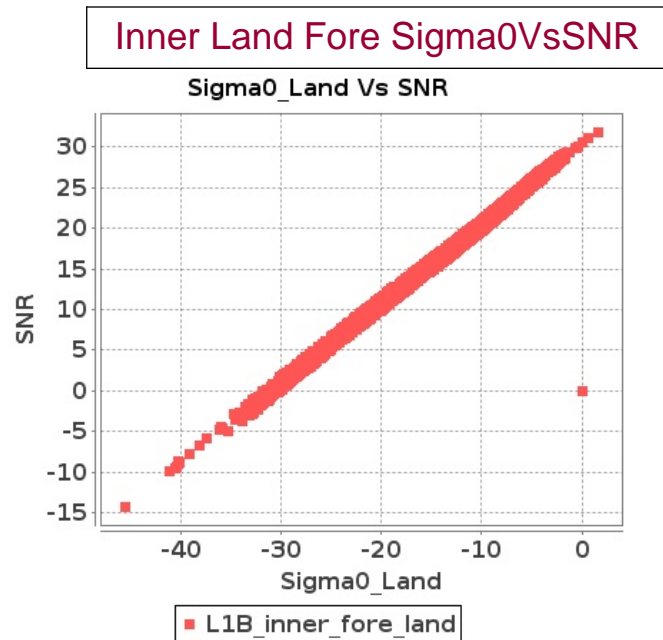
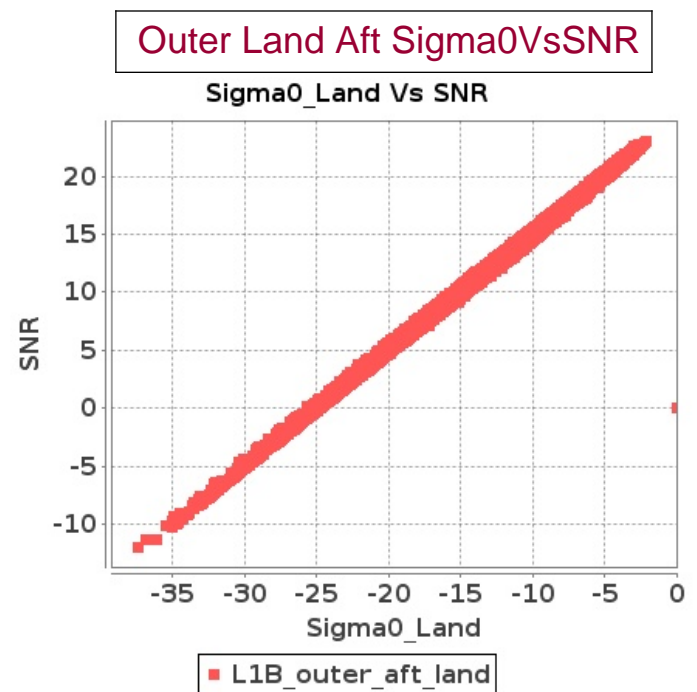
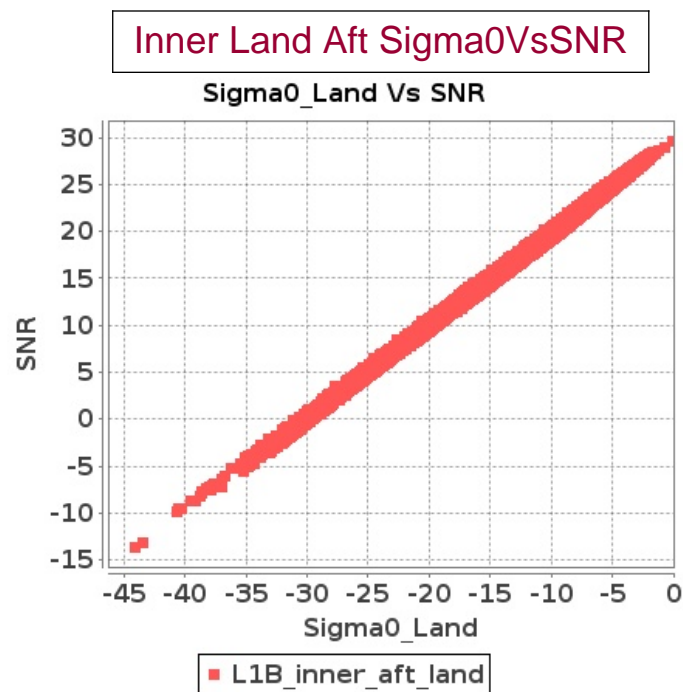
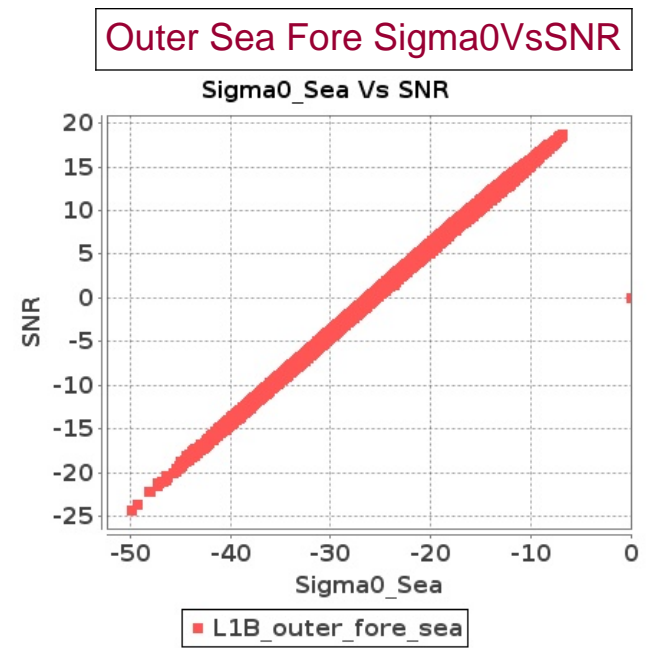
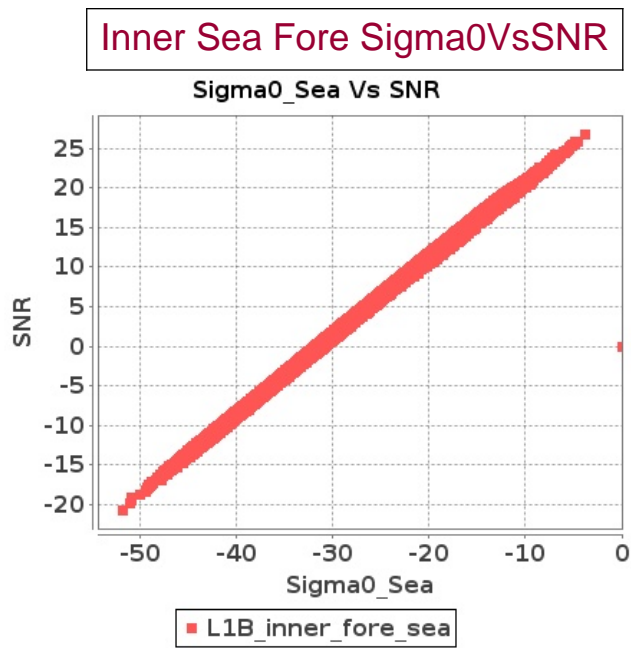
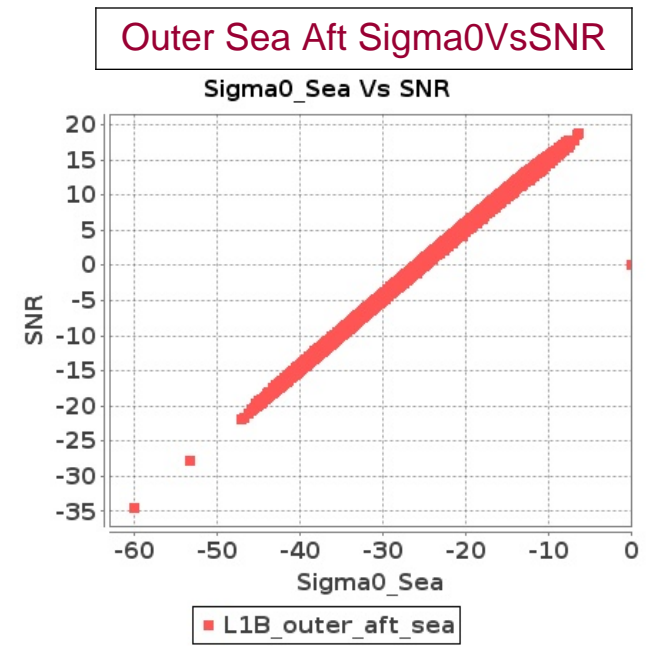
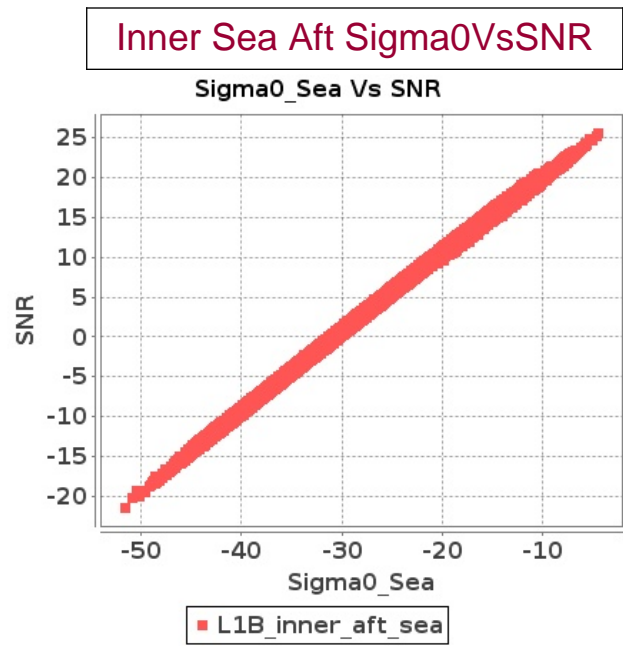
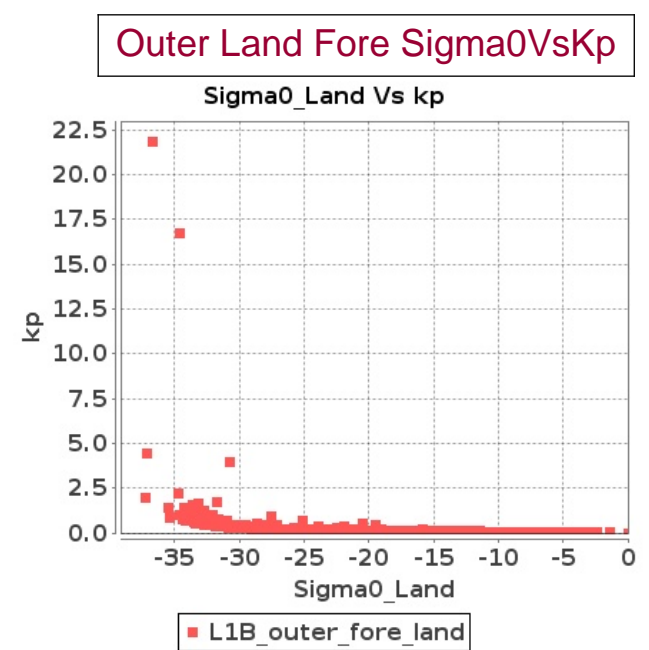
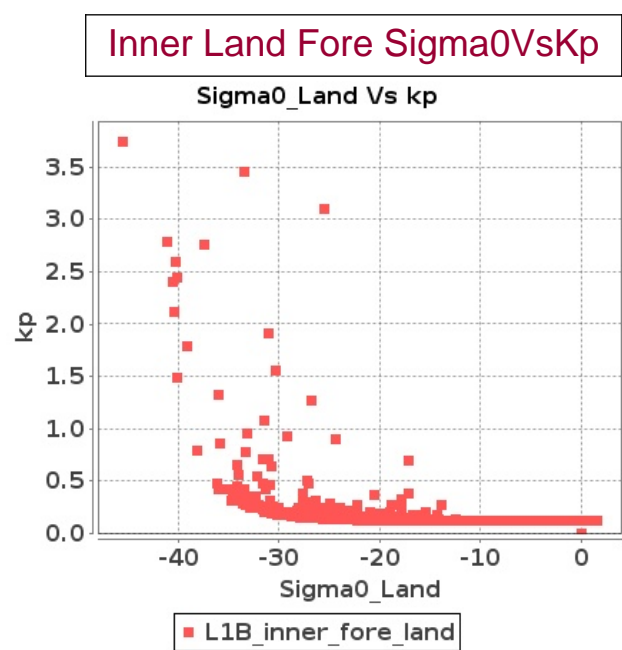
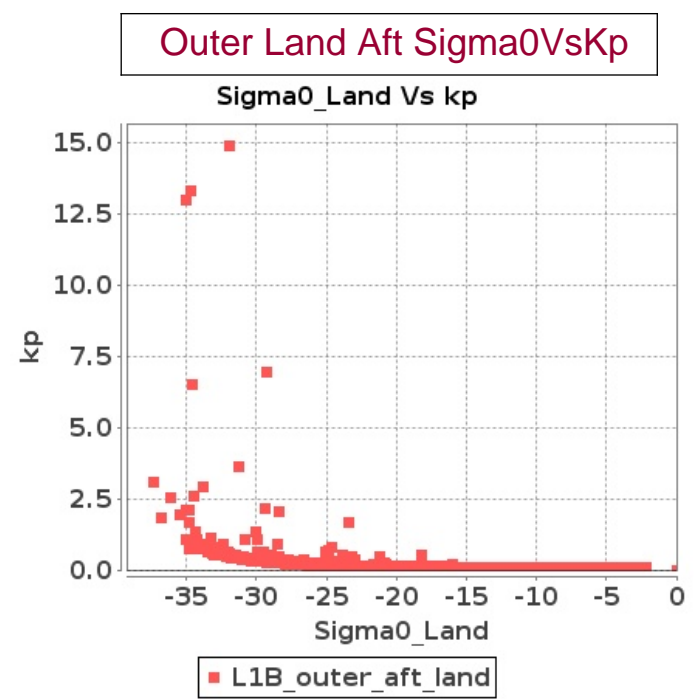
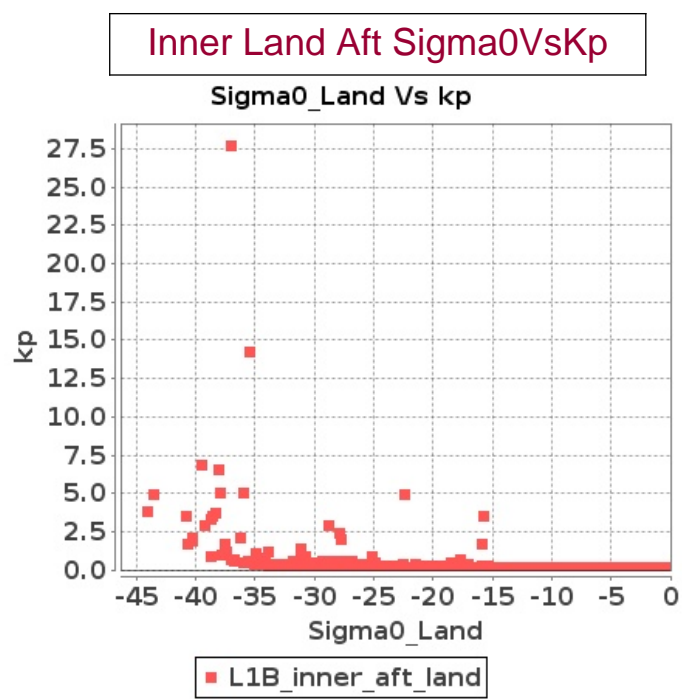
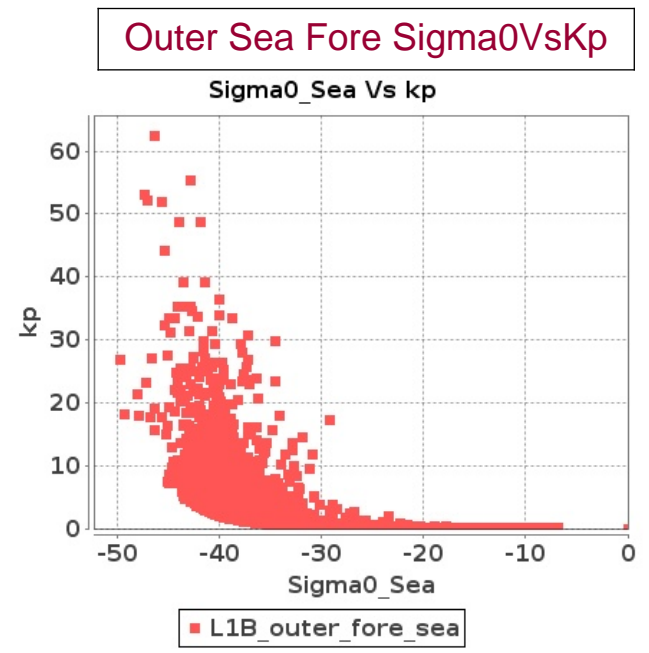
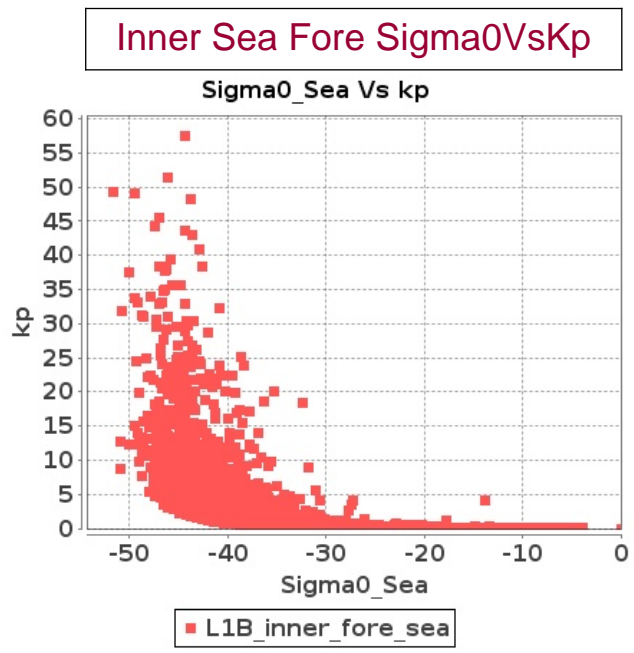
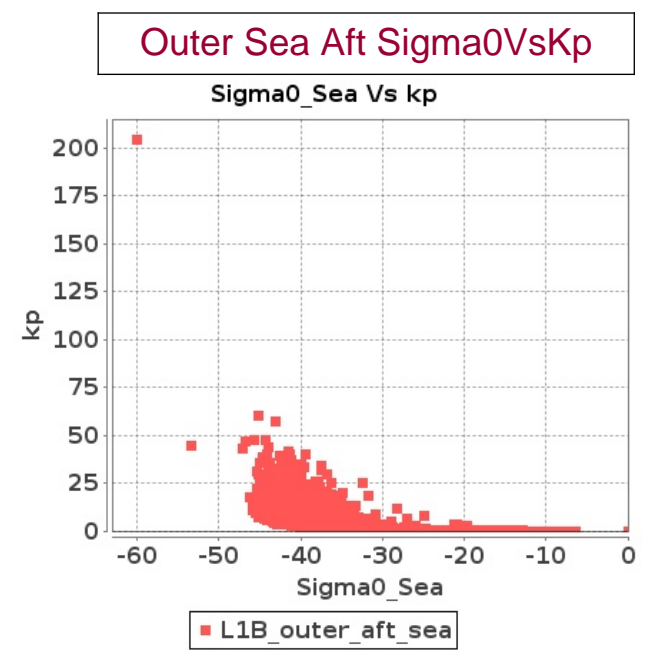
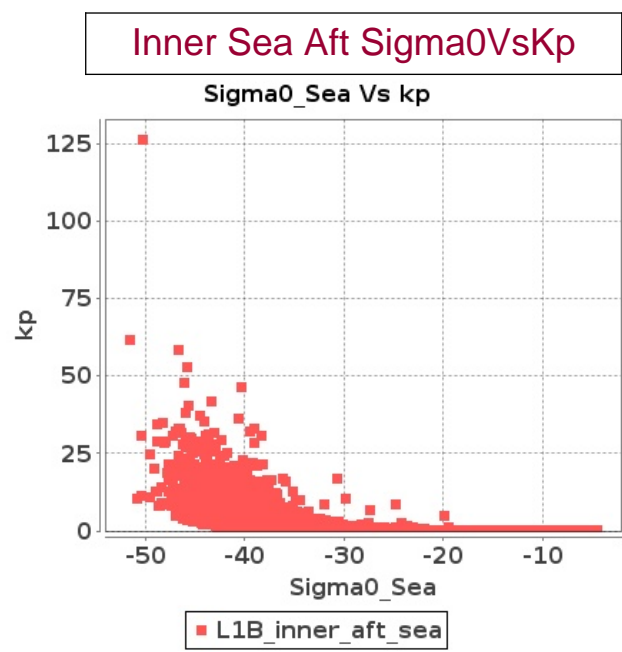


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 09-JAN-2019 To 10-JAN-2019





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

Report between 09-JAN-2019 To 10-JAN-2019

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 12104 | 12105 | SN | 1 | 48.887 | 49.535 | 0.0 | 0.003 | 214.693 | 2.681 | 1052.344 | 1086.12 | 0.0 | -91.822 | -90.072 | 0.0 |
| 2 | 12104 | 12105 | SN | 1 | 48.888 | 49.536 | 0.0 | 0.003 | 280.3 | 2.682 | 1052.344 | 1086.128 | 0.0 | -91.822 | -90.072 | 0.0 |
| 3 | 12104 | 12105 | SN | 2 | 48.888 | 49.536 | 0.0 | 0.003 | 280.3 | 2.02 | 1053.808 | 1086.128 | 0.0 | -91.822 | -90.104 | 0.0 |
| 4 | 12104 | 12105 | SN | 1 | 48.888 | 49.536 | 0.0 | 0.003 | 280.3 | 2.02 | 1053.808 | 1086.128 | 0.0 | -91.822 | -90.104 | 0.0 |
| 5 | 12105 | 12106 | SN | 1 | 48.871 | 49.518 | 0.0 | 0.003 | 29.596 | 2.605 | 1052.304 | 1085.56 | 0.0 | -91.811 | -90.068 | 0.0 |
| 6 | 12105 | 12106 | SN | 1 | 48.871 | 49.518 | 0.0 | 0.003 | 29.596 | 2.439 | 1053.192 | 1085.56 | 0.0 | -91.811 | -90.08 | 0.0 |
| 7 | 12105 | 12106 | NS | 1 | 48.65 | 49.26 | 0.0 | 0.003 | 14.885 | 2.574 | 1016.768 | 1080.24 | 25.375 | -91.6 | -89.698 | 0.0 |
| 8 | 12105 | 12106 | NS | 1 | 48.65 | 49.26 | 0.0 | 0.003 | 14.885 | 2.585 | 1016.768 | 1080.24 | 25.349 | -91.6 | -89.698 | 0.0 |
| 9 | 12106 | 12107 | NS | 1 | 48.65 | 49.267 | 0.0 | 0.0 | 210.326 | 2.663 | 1016.144 | 1080.504 | 26.311 | -91.925 | -89.681 | 0.0 |
| 10 | 12106 | 12107 | SN | 1 | 48.854 | 49.484 | 0.0 | 0.003 | 6.392 | 2.367 | 1052.72 | 1086.056 | 0.0 | -91.818 | -90.078 | 0.0 |
| 11 | 12106 | 12107 | SN | 2 | 48.854 | 49.484 | 0.0 | 0.003 | 6.392 | 2.366 | 1052.72 | 1085.704 | 0.0 | -91.818 | -90.079 | 0.0 |
| 12 | 12106 | 12107 | NS | 1 | 48.65 | 49.267 | 0.0 | 0.0 | 210.326 | 2.674 | 1016.144 | 1080.504 | 26.286 | -91.925 | -89.681 | 0.0 |
| 13 | 12106 | 12107 | SN | 1 | 48.854 | 49.484 | 0.0 | 0.003 | 6.392 | 2.506 | 1052.128 | 1085.704 | 0.0 | -91.818 | -90.07 | 0.0 |
| 14 | 12107 | 12108 | NS | 1 | 48.607 | 49.291 | 0.0 | 0.003 | 207.083 | 2.55 | 1016.608 | 1080.512 | 26.021 | -91.67 | -89.714 | 0.0 |
| 15 | 12107 | 12108 | SN | 2 | 48.836 | 49.529 | 0.0 | 0.003 | 30.225 | 2.541 | 1052.04 | 1086.048 | 0.0 | -91.883 | -90.068 | 0.0 |
| 16 | 12107 | 12108 | SN | 1 | 48.836 | 49.529 | 0.0 | 0.003 | 30.225 | 2.323 | 1052.424 | 1086.048 | 0.0 | -91.883 | -90.085 | 0.0 |
| 17 | 12107 | 12108 | SN | 1 | 48.836 | 49.529 | 0.0 | 0.003 | 30.225 | 2.541 | 1052.04 | 1086.048 | 0.0 | -91.883 | -90.068 | 0.0 |
| 18 | 12107 | 12108 | NS | 1 | 48.651 | 49.289 | 0.0 | 0.003 | 207.083 | 2.547 | 1016.496 | 1080.512 | 26.049 | -91.635 | -89.714 | 0.0 |
| 19 | 12108 | 12109 | SN | 2 | 48.824 | 49.489 | 0.0 | 0.003 | 214.329 | 2.518 | 1052.016 | 1085.6 | 0.0 | -91.825 | -90.069 | 0.0 |
| 20 | 12108 | 12109 | NS | 1 | 48.65 | 49.292 | 0.0 | 0.003 | 41.652 | 2.683 | 1017.072 | 1080.48 | 26.943 | -91.693 | -89.688 | 0.0 |
| 21 | 12108 | 12109 | SN | 1 | 48.824 | 49.488 | 0.0 | 0.003 | 214.765 | 2.518 | 1052.016 | 1085.6 | 0.0 | -91.825 | -90.069 | 0.0 |
| 22 | 12109 | 12110 | SN | 1 | 48.856 | 49.519 | 0.0 | 0.003 | 6.364 | 1.972 | 1052.536 | 1085.872 | 0.0 | -92.104 | -90.09 | 0.0 |
| 23 | 12109 | 12110 | SN | 1 | 48.856 | 49.519 | 0.0 | 0.003 | 6.364 | 2.537 | 1051.968 | 1085.872 | 0.0 | -92.104 | -90.064 | 0.0 |
| 24 | 12109 | 12110 | NS | 1 | 48.651 | 49.308 | 0.0 | 0.003 | 267.737 | 2.668 | 1016.864 | 1080.48 | 27.342 | -91.708 | -89.706 | 0.0 |
| 25 | 12109 | 12110 | SN | 1 | 48.877 | 49.519 | 0.0 | 0.003 | 6.364 | 2.535 | 1051.968 | 1085.872 | 0.0 | -92.104 | -90.064 | 0.0 |
| 26 | 12110 | 12111 | SN | 1 | 48.87 | 49.479 | 0.0 | 0.003 | 6.359 | 2.619 | 1051.832 | 1085.616 | 0.0 | -91.882 | -90.07 | 0.0 |
| 27 | 12110 | 12111 | NS | 1 | 48.608 | 49.291 | 0.0 | 0.0 | 267.516 | 2.74 | 1015.864 | 1080.496 | 27.036 | -91.684 | -89.715 | 0.0 |
| 28 | 12111 | 12112 | SN | 1 | 48.883 | 49.487 | 0.0 | 0.003 | 6.039 | 1.491 | 1053.784 | 1085.904 | 0.0 | -91.741 | -90.103 | 0.0 |
| 29 | 12111 | 12112 | SN | 1 | 48.883 | 49.487 | 0.0 | 0.003 | 6.039 | 2.6 | 1051.8 | 1085.904 | 0.0 | -91.741 | -90.068 | 0.0 |
| 30 | 12112 | 12113 | SN | 1 | 48.866 | 49.518 | 0.0 | 0.003 | 5.945 | 2.607 | 1051.96 | 1086.032 | 0.0 | -91.801 | -90.044 | 0.0 |
| 31 | 12112 | 12113 | NS | 1 | 48.605 | 49.299 | 0.0 | 0.003 | 267.742 | 2.578 | 1016.664 | 1080.904 | 28.0 | -91.59 | -89.69 | 0.0 |
| 32 | 12112 | 12113 | SN | 1 | 48.866 | 49.483 | 0.0 | 0.003 | 5.94 | 2.722 | 1051.96 | 1086.04 | 0.0 | -91.821 | -90.044 | 0.0 |

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

Normal
 Deviations
 Alarming
 High Errors

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 33 | 12113 | 12114 | SN | 1 | 48.852 | 49.484 | 0.0 | 0.003 | 210.993 | 2.219 | 1052.752 | 1086.064 | 0.0 | -91.831 | -90.057 | 0.0 |
| 34 | 12113 | 12114 | NS | 1 | 48.649 | 49.257 | 0.0 | 0.0 | 267.334 | 2.719 | 1016.144 | 1080.744 | 27.817 | -91.516 | -89.689 | 0.0 |
| 35 | 12113 | 12114 | NS | 2 | 48.649 | 49.258 | 0.0 | 0.0 | 267.334 | 2.72 | 1016.144 | 1080.752 | 27.817 | -91.736 | -89.689 | 0.0 |
| 36 | 12114 | 12115 | SN | 1 | 48.885 | 49.53 | 0.0 | 0.0 | 280.328 | 2.863 | 1051.68 | 1086.056 | 0.0 | -91.846 | -90.048 | 0.0 |
| 37 | 12115 | 12116 | SN | 1 | 48.881 | 49.524 | 0.0 | 0.003 | 6.375 | 2.59 | 1051.544 | 1086.352 | 0.0 | -91.863 | -90.057 | 0.0 |
| 38 | 12115 | 12116 | SN | 1 | 48.857 | 49.524 | 0.0 | 0.003 | 6.375 | 2.593 | 1051.544 | 1086.352 | 0.0 | -91.863 | -90.057 | 0.0 |
| 39 | 12115 | 12116 | NS | 1 | 48.61 | 49.26 | 0.0 | 0.003 | 267.34 | 2.526 | 1016.632 | 1080.936 | 28.38 | -91.72 | -89.709 | 0.0 |
| 40 | 12116 | 12117 | SN | 1 | 48.833 | 49.51 | 0.0 | 0.0 | 215.085 | 2.632 | 1051.416 | 1086.416 | 0.0 | -91.889 | -90.059 | 0.0 |
| 41 | 12116 | 12117 | NS | 1 | 48.597 | 49.281 | 0.0 | 0.0 | 65.088 | 2.819 | 1016.464 | 1081.04 | 28.742 | -91.628 | -89.704 | 0.0 |
| 42 | 12116 | 12117 | SN | 1 | 48.833 | 49.51 | 0.0 | 0.0 | 215.085 | 2.635 | 1051.416 | 1086.416 | 0.0 | -91.889 | -90.059 | 0.0 |
| 43 | 12116 | 12117 | NS | 1 | 48.597 | 49.285 | 0.0 | 0.0 | 65.088 | 2.171 | 1016.464 | 1076.496 | 30.316 | -91.652 | -89.704 | 0.0 |
| 44 | 12116 | 12117 | NS | 2 | 48.597 | 49.281 | 0.0 | 0.0 | 65.088 | 2.819 | 1016.464 | 1081.04 | 28.742 | -91.628 | -89.704 | 0.0 |
| 45 | 12117 | 12118 | NS | 1 | 48.605 | 49.258 | 0.0 | 0.003 | 41.922 | 2.531 | 1016.224 | 1081.112 | 28.548 | -91.728 | -89.702 | 0.0 |
| 46 | 12117 | 12118 | NS | 1 | 48.605 | 49.258 | 0.0 | 0.003 | 41.922 | 2.53 | 1016.224 | 1081.112 | 28.548 | -91.728 | -89.702 | 0.0 |
| 47 | 12117 | 12118 | SN | 1 | 48.862 | 49.546 | 0.0 | 0.003 | 6.397 | 2.558 | 1051.144 | 1086.456 | 0.0 | -91.795 | -90.057 | 0.0 |
| 48 | 12117 | 12118 | SN | 2 | 48.862 | 49.546 | 0.0 | 0.003 | 6.397 | 2.558 | 1051.144 | 1086.456 | 0.0 | -91.795 | -90.057 | 0.0 |
| 49 | 12118 | 12119 | SN | 1 | 48.876 | 49.545 | 0.0 | 0.0 | 279.423 | 1.717 | 1053.072 | 1087.448 | 0.0 | -91.876 | -90.106 | 0.0 |
| 50 | 12118 | 12119 | SN | 1 | 48.876 | 49.545 | 0.0 | 0.0 | 61.58 | 2.748 | 1051.304 | 1087.448 | 0.0 | -91.876 | -90.06 | 0.0 |
| 51 | 12118 | 12119 | NS | 1 | 48.645 | 49.291 | 0.0 | 0.003 | 267.516 | 1.573 | 1016.28 | 1066.968 | 32.83 | -91.62 | -89.693 | 0.0 |
| 52 | 12118 | 12119 | SN | 2 | 48.852 | 49.545 | 0.0 | 0.0 | 61.58 | 2.744 | 1051.312 | 1087.448 | 0.0 | -91.876 | -90.06 | 0.0 |
| 53 | 12118 | 12119 | SN | 1 | 48.852 | 49.545 | 0.0 | 0.0 | 61.58 | 2.745 | 1051.304 | 1087.448 | 0.0 | -91.876 | -90.06 | 0.0 |
| 54 | 12118 | 12119 | NS | 1 | 48.645 | 49.308 | 0.0 | 0.003 | 267.516 | 2.603 | 1016.288 | 1081.376 | 27.987 | -91.659 | -89.693 | 0.0 |
| 55 | 12118 | 12119 | NS | 1 | 48.645 | 49.307 | 0.0 | 0.003 | 267.516 | 2.605 | 1016.28 | 1081.216 | 27.923 | -91.696 | -89.693 | 0.0 |

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

■ Normal ■ Deviations
■ Alarming ■ High Errors

| | | | | | Inner | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|--------|------------|-----------|-------|------------|
| | | | | | SNR | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 12104 | 12105 | SN | 1 | -34.53 | 24.66 | 1.874 | -34.837 | 25.897 | 4.023 | -15.59 | 28.069 | 11.827 | -13.307 | 30.891 | 16.224 | 0.116 | 275.062 | 2.793 | 0.116 | 295.222 | 2.372 | 0.116 | 3.6 | 0.009 | 0.116 | 2.165 | 0.003 |
| 2 | 12104 | 12105 | SN | 1 | -34.419 | 24.655 | 1.867 | -34.837 | 25.897 | 4.027 | -15.409 | 28.069 | 11.815 | -13.307 | 30.892 | 16.238 | 0.116 | 268.104 | 2.793 | 0.116 | 295.222 | 2.372 | 0.116 | 3.457 | 0.009 | 0.116 | 2.165 | 0.003 |
| 3 | 12104 | 12105 | SN | 2 | -34.419 | 23.677 | 0.163 | -34.837 | 25.903 | 3.12 | -15.409 | 28.069 | 11.691 | -13.307 | 30.892 | 16.242 | 0.116 | 268.104 | 2.939 | 0.116 | 295.222 | 2.623 | 0.116 | 3.457 | 0.009 | 0.116 | 2.165 | 0.003 |
| 4 | 12104 | 12105 | SN | 1 | -34.419 | 23.677 | 0.163 | -34.837 | 25.903 | 3.12 | -15.409 | 28.069 | 11.691 | -13.307 | 30.892 | 16.242 | 0.116 | 268.104 | 2.939 | 0.116 | 295.222 | 2.623 | 0.116 | 3.457 | 0.009 | 0.116 | 2.165 | 0.003 |
| 5 | 12105 | 12106 | SN | 1 | -33.97 | 25.209 | 2.161 | -34.369 | 25.651 | 3.462 | 4.581 | 31.64 | 10.23 | 5.113 | 29.218 | 7.281 | 0.116 | 241.816 | 3.711 | 0.116 | 265.113 | 3.219 | 0.116 | 0.143 | 0.0 | 0.116 | 0.14 | 0.0 |
| 6 | 12105 | 12106 | SN | 1 | -33.97 | 25.209 | 1.873 | -34.369 | 25.651 | 3.539 | 4.581 | 31.64 | 10.23 | 5.113 | 29.218 | 7.281 | 0.116 | 241.816 | 3.807 | 0.116 | 265.113 | 3.296 | 0.116 | 0.143 | 0.0 | 0.116 | 0.14 | 0.0 |
| 7 | 12105 | 12106 | NS | 1 | -34.834 | 24.692 | 0.685 | -34.67 | 24.076 | 0.033 | 2.537 | 35.44 | 18.78 | 2.886 | 36.383 | 35.295 | 0.116 | 294.957 | 3.053 | 0.116 | 284.084 | 2.557 | 0.116 | 0.161 | 0.0 | 0.116 | 0.157 | 0.0 |
| 8 | 12105 | 12106 | NS | 1 | -34.834 | 24.692 | 0.685 | -34.67 | 24.076 | 0.033 | 2.537 | 35.44 | 18.763 | 2.886 | 36.383 | 35.291 | 0.116 | 294.957 | 3.053 | 0.116 | 284.084 | 2.557 | 0.116 | 0.161 | 0.0 | 0.116 | 0.157 | 0.0 |
| 9 | 12106 | 12107 | NS | 1 | -34.988 | 25.936 | 0.651 | -34.761 | 25.985 | 0.54 | -3.425 | 29.382 | 11.664 | -6.443 | 29.814 | 22.842 | 0.116 | 305.673 | 5.979 | 0.116 | 290.138 | 6.611 | 0.116 | 0.311 | 0.0 | 0.116 | 0.522 | 0.0 |
| 10 | 12106 | 12107 | SN | 1 | -34.987 | 24.079 | 0.61 | -34.787 | 24.135 | 1.226 | 6.623 | 28.476 | 15.413 | 7.468 | 29.088 | 16.383 | 0.116 | 305.58 | 3.189 | 0.116 | 291.891 | 2.465 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 11 | 12106 | 12107 | SN | 2 | -34.987 | 24.079 | 0.61 | -34.787 | 24.135 | 1.226 | 6.623 | 28.476 | 15.41 | 7.468 | 29.088 | 16.387 | 0.116 | 305.58 | 3.19 | 0.116 | 291.891 | 2.464 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 12 | 12106 | 12107 | NS | 1 | -34.988 | 25.936 | 0.651 | -34.761 | 25.985 | 0.54 | -3.425 | 29.382 | 11.742 | -6.443 | 29.814 | 22.864 | 0.116 | 305.673 | 5.979 | 0.116 | 290.138 | 6.611 | 0.116 | 0.311 | 0.0 | 0.116 | 0.522 | 0.0 |
| 13 | 12106 | 12107 | SN | 1 | -34.987 | 24.079 | 0.65 | -34.787 | 24.135 | 1.211 | 6.623 | 28.476 | 15.41 | 7.468 | 29.088 | 16.387 | 0.116 | 305.58 | 3.14 | 0.116 | 291.891 | 2.431 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 14 | 12107 | 12108 | NS | 1 | -34.891 | 25.95 | 0.509 | -34.968 | 25.914 | 0.641 | -2.987 | 28.997 | 10.493 | -4.543 | 29.709 | 19.098 | 0.116 | 298.916 | 6.624 | 0.116 | 304.232 | 6.284 | 0.116 | 0.291 | 0.0 | 0.116 | 0.372 | 0.0 |
| 15 | 12107 | 12108 | SN | 2 | -34.959 | 23.44 | 0.041 | -34.911 | 23.286 | 0.072 | 6.276 | 27.269 | 18.492 | 6.858 | 29.042 | 17.302 | 0.116 | 303.578 | 3.043 | 0.116 | 300.278 | 2.246 | 0.116 | 0.134 | 0.0 | 0.116 | 0.132 | 0.0 |
| 16 | 12107 | 12108 | SN | 1 | -34.959 | 23.431 | 0.036 | -34.911 | 23.276 | 0.066 | 6.276 | 27.269 | 18.537 | 6.858 | 27.959 | 17.25 | 0.116 | 303.578 | 3.097 | 0.116 | 300.278 | 2.283 | 0.116 | 0.134 | 0.0 | 0.116 | 0.132 | 0.0 |
| 17 | 12107 | 12108 | SN | 1 | -34.959 | 23.44 | 0.041 | -34.911 | 23.286 | 0.072 | 6.276 | 27.269 | 18.492 | 6.858 | 29.042 | 17.302 | 0.116 | 303.578 | 3.043 | 0.116 | 300.278 | 2.246 | 0.116 | 0.134 | 0.0 | 0.116 | 0.132 | 0.0 |
| 18 | 12107 | 12108 | NS | 1 | -34.376 | 25.948 | 0.509 | -34.79 | 25.914 | 0.641 | -2.998 | 28.997 | 10.471 | -4.563 | 29.709 | 19.125 | 0.116 | 265.457 | 6.637 | 0.116 | 292.036 | 6.289 | 0.116 | 0.292 | 0.0 | 0.116 | 0.374 | 0.0 |
| 19 | 12108 | 12109 | SN | 2 | -34.883 | 22.962 | 0.003 | -34.54 | 22.614 | 0.011 | 5.686 | 28.467 | 21.324 | 6.915 | 28.346 | 27.036 | 0.116 | 298.345 | 4.222 | 0.116 | 275.674 | 3.588 | 0.116 | 0.137 | 0.0 | 0.116 | 0.132 | 0.0 |
| 20 | 12108 | 12109 | NS | 1 | -34.991 | 23.563 | 0.066 | -34.592 | 24.223 | 0.255 | -28.669 | 29.938 | 8.529 | -13.486 | 29.69 | 16.121 | 0.116 | 305.928 | 4.066 | 0.116 | 279.032 | 3.96 | 0.116 | 71.414 | 0.037 | 0.116 | 2.253 | 0.003 |
| 21 | 12108 | 12109 | SN | 1 | -34.823 | 22.962 | 0.003 | -34.54 | 22.614 | 0.011 | 5.686 | 28.467 | 21.323 | 6.915 | 28.346 | 27.036 | 0.116 | 294.22 | 4.222 | 0.116 | 275.674 | 3.588 | 0.116 | 0.137 | 0.0 | 0.116 | 0.132 | 0.0 |
| 22 | 12109 | 12110 | SN | 1 | -34.306 | 21.242 | 0.0 | -34.012 | 21.341 | 0.0 | 5.022 | 28.411 | 21.223 | 8.116 | 28.778 | 34.081 | 0.116 | 261.276 | 2.316 | 0.116 | 244.175 | 1.412 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 23 | 12109 | 12110 | SN | 1 | -34.306 | 21.242 | 0.0 | -34.012 | 22.647 | 0.008 | 5.022 | 28.411 | 20.35 | 8.116 | 28.778 | 33.384 | 0.116 | 261.276 | 2.24 | 0.116 | 244.175 | 1.354 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 24 | 12109 | 12110 | NS | 1 | -34.66 | 24.557 | 0.045 | -34.959 | 23.939 | 0.148 | -3.895 | 28.522 | 8.9 | -5.968 | 29.613 | 14.613 | 0.116 | 283.425 | 5.985 | 0.116 | 303.606 | 4.854 | 0.116 | 0.335 | 0.0 | 0.116 | 0.478 | 0.0 |
| 25 | 12109 | 12110 | SN | 1 | -34.416 | 21.242 | 0.0 | -34.419 | 22.642 | 0.008 | 5.022 | 28.411 | 20.35 | 8.116 | 28.778 | 33.384 | 0.116 | 267.901 | 2.243 | 0.116 | 268.146 | 1.357 | 0.116 | 0.14 | 0.0 | 0.116 | 0.128 | 0.0 |
| 26 | 12110 | 12111 | SN | 1 | -34.281 | 21.671 | 0.0 | -34.427 | 23.478 | 0.028 | 5.124 | 30.676 | 13.699 | 8.775 | 30.786 | 20.677 | 0.116 | 259.741 | 2.422 | 0.116 | 268.577 | 1.904 | 0.116 | 0.14 | 0.0 | 0.116 | 0.126 | 0.0 |
| 27 | 12110 | 12111 | NS | 1 | -34.673 | 25.004 | 0.721 | -34.945 | 26.067 | 1.123 | -3.394 | 30.438 | 11.448 | -10.926 | 30.202 | 17.81 | 0.116 | 284.239 | 3.995 | 0.116 | 302.638 | 3.831 | 0.116 | 0.31 | 0.0 | 0.116 | 1.29 | 0.003 |
| 28 | 12111 | 12112 | SN | 1 | -33.534 | 23.699 | 0.003 | -34.849 | 25.328 | 0.033 | 3.057 | 33.914 | 14.323 | 3.794 | 34.364 | 15.251 | 0.116 | 218.689 | 2.121 | 0.116 | 296.077 | 1.622 | 0.116 | 0.156 | 0.0 | 0.116 | 0.149 | 0.0 |
| 29 | 12111 | 12112 | SN | 1 | -34.736 | 23.699 | 0.003 | -34.849 | 25.328 | 0.219 | 3.057 | 33.914 | 13.544 | 3.794 | 34.364 | 15.276 | 0.116 | 288.463 | 2.026 | 0.116 | 296.077 | 1.477 | 0.116 | 0.156 | 0.0 | 0.116 | 0.149 | 0.0 |
| 30 | 12112 | 12113 | SN | 1 | -34.546 | 24.274 | 0.094 | -34.875 | 25.252 | 0.644 | -9.272 | 29.157 | 17.914 | -5.311 | 30.26 | 18.78 | 0.116 | 276.035 | 4.581 | 0.116 | 297.805 | 3.822 | 0.116 | 0.912 | 0.0 | 0.116 | 0.425 | 0.0 |
| 31 | 12112 | 12113 | NS | 1 | -34.487 | 24.212 | 0.423 | -34.649 | 24.888 | 0.631 | -6.44 | 29.127 | 28.957 | -2.876 | 30.133 | 45.951 | 0.116 | 272.387 | 2.071 | 0.116 | 282.764 | 1.584 | 0.116 | 0.521 | 0.0 | 0.116 | 0.287 | 0.0 |
| 32 | 12112 | 12113 | SN | 1 | -34.696 | 24.276 | 0.094 | -34.677 | 25.252 | 0.645 | -9.3 | 29.157 | 17.97 | -5.32 | 30.26 | 18.761 | 0.116 | 285.809 | 4.585 | 0.116 | 284.613 | 3.82 | 0.116 | 0.917 | 0.0 | 0.116 | 0.425 | 0.0 |
| 33 | 12113 | 12114 | SN | 1 | -34.926 | 22.372 | 0.003 | -34.781 | 24.717 | 0.437 | -3.349 | 30.498 | 16.099 | -1.952 | 29.782 | 13.316 | 0.116 | 301.347 | 3.59 | 0.116 | 291.468 | 3.158 | 0.116 | 0.308 | 0.0 | 0.116 | 0.252 | 0.0 |

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

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|--------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|-------|-------|
| 34 | 12113 | 12114 | NS | 1 | -34.456 | 24.328 | 0.634 | -34.841 | 24.776 | 0.371 | 2.895 | 30.985 | 16.226 | 1.911 | 31.078 | 28.949 | 0.116 | 270.412 | 2.713 | 0.116 | 295.478 | 2.432 | 0.116 | 0.157 | 0.0 | 0.116 | 0.168 | 0.0 |
| 35 | 12113 | 12114 | NS | 2 | -34.456 | 24.328 | 0.634 | -34.841 | 24.776 | 0.371 | 2.895 | 30.985 | 16.226 | 1.911 | 31.078 | 28.949 | 0.116 | 270.412 | 2.713 | 0.116 | 295.478 | 2.432 | 0.116 | 0.157 | 0.0 | 0.116 | 0.168 | 0.0 |
| 36 | 12114 | 12115 | SN | 1 | -34.812 | 23.269 | 0.045 | -34.275 | 25.031 | 1.512 | -13.756 | 29.924 | 16.165 | -9.803 | 29.299 | 17.331 | 0.116 | 293.471 | 4.132 | 0.116 | 259.406 | 3.736 | 0.116 | 2.391 | 0.012 | 0.116 | 1.018 | 0.002 |
| 37 | 12115 | 12116 | SN | 1 | -33.277 | 23.369 | 0.1 | -34.385 | 25.564 | 3.176 | -15.869 | 30.748 | 14.834 | -18.53 | 30.442 | 16.015 | 0.116 | 206.167 | 1.73 | 0.116 | 266.022 | 1.08 | 0.116 | 3.833 | 0.007 | 0.116 | 6.997 | 0.004 |
| 38 | 12115 | 12116 | SN | 1 | -32.818 | 23.368 | 0.1 | -34.411 | 25.564 | 3.177 | -15.886 | 30.748 | 14.841 | -18.53 | 30.444 | 16.041 | 0.116 | 185.495 | 1.734 | 0.116 | 267.672 | 1.081 | 0.116 | 3.847 | 0.007 | 0.116 | 6.997 | 0.004 |
| 39 | 12115 | 12116 | NS | 1 | -33.856 | 24.966 | 2.407 | -34.781 | 25.846 | 2.141 | 11.337 | 31.064 | 31.834 | 12.144 | 30.137 | 47.962 | 0.116 | 235.569 | 2.135 | 0.116 | 291.467 | 2.035 | 0.116 | 0.121 | 0.0 | 0.116 | 0.12 | 0.0 |
| 40 | 12116 | 12117 | SN | 1 | -34.438 | 25.849 | 0.206 | -34.496 | 27.823 | 2.807 | -34.875 | 29.398 | 23.333 | -5.448 | 29.763 | 25.849 | 0.116 | 269.294 | 3.265 | 0.116 | 272.928 | 3.096 | 0.116 | 297.864 | 0.007 | 0.116 | 0.435 | 0.0 |
| 41 | 12116 | 12117 | NS | 1 | -34.085 | 25.02 | 1.927 | -34.43 | 26.672 | 1.703 | 8.492 | 28.621 | 33.912 | 12.143 | 29.649 | 47.554 | 0.116 | 248.305 | 2.427 | 0.116 | 268.796 | 2.476 | 0.116 | 0.127 | 0.0 | 0.116 | 0.12 | 0.0 |
| 42 | 12116 | 12117 | SN | 1 | -34.174 | 25.849 | 0.209 | -34.391 | 27.829 | 2.816 | -30.886 | 29.398 | 23.331 | -5.448 | 29.763 | 25.852 | 0.116 | 253.486 | 3.253 | 0.116 | 266.396 | 3.09 | 0.116 | 118.896 | 0.007 | 0.116 | 0.435 | 0.0 |
| 43 | 12116 | 12117 | NS | 1 | -34.085 | 25.02 | 1.93 | -34.43 | 26.672 | 1.703 | 8.492 | 28.621 | 24.253 | 12.143 | 29.649 | 45.467 | 0.116 | 248.305 | 2.429 | 0.116 | 268.796 | 2.475 | 0.116 | 0.127 | 0.0 | 0.116 | 0.12 | 0.0 |
| 44 | 12116 | 12117 | NS | 2 | -34.085 | 25.02 | 1.927 | -34.43 | 26.672 | 1.703 | 8.492 | 28.621 | 33.912 | 12.143 | 29.649 | 47.554 | 0.116 | 248.305 | 2.427 | 0.116 | 268.796 | 2.476 | 0.116 | 0.127 | 0.0 | 0.116 | 0.12 | 0.0 |
| 45 | 12117 | 12118 | NS | 1 | -34.142 | 26.878 | 1.867 | -33.884 | 27.053 | 0.73 | 8.264 | 29.155 | 31.917 | 8.761 | 29.587 | 44.017 | 0.116 | 251.572 | 2.616 | 0.116 | 237.063 | 2.121 | 0.116 | 0.127 | 0.0 | 0.116 | 0.126 | 0.0 |
| 46 | 12117 | 12118 | NS | 1 | -34.24 | 26.878 | 1.867 | -33.884 | 27.053 | 0.73 | 8.264 | 29.155 | 31.917 | 8.761 | 29.587 | 44.017 | 0.116 | 257.321 | 2.616 | 0.116 | 237.063 | 2.121 | 0.116 | 0.127 | 0.0 | 0.116 | 0.126 | 0.0 |
| 47 | 12117 | 12118 | SN | 1 | -34.92 | 24.163 | 0.334 | -34.909 | 25.837 | 2.546 | 7.43 | 29.112 | 43.259 | 8.241 | 29.782 | 55.001 | 0.116 | 300.887 | 4.351 | 0.116 | 300.189 | 3.927 | 0.116 | 0.13 | 0.0 | 0.116 | 0.127 | 0.0 |
| 48 | 12117 | 12118 | SN | 2 | -34.92 | 24.163 | 0.334 | -34.909 | 25.837 | 2.546 | 7.43 | 29.112 | 43.259 | 8.241 | 29.782 | 55.001 | 0.116 | 300.887 | 4.351 | 0.116 | 300.189 | 3.927 | 0.116 | 0.13 | 0.0 | 0.116 | 0.127 | 0.0 |
| 49 | 12118 | 12119 | SN | 1 | -34.68 | 21.924 | 0.0 | -34.772 | 24.655 | 0.13 | 5.563 | 28.86 | 15.017 | 9.996 | 29.181 | 20.224 | 0.116 | 284.769 | 2.498 | 0.116 | 290.864 | 1.885 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 50 | 12118 | 12119 | SN | 1 | -34.68 | 24.217 | 0.748 | -34.772 | 25.588 | 3.007 | 5.563 | 28.86 | 16.064 | 9.996 | 29.181 | 20.583 | 0.116 | 284.769 | 2.429 | 0.116 | 290.864 | 1.719 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 51 | 12118 | 12119 | NS | 1 | -32.72 | 26.5 | 1.768 | -33.73 | 27.599 | 0.471 | 8.201 | 27.585 | 9.934 | 7.206 | 27.2 | 14.858 | 0.116 | 181.361 | 2.06 | 0.116 | 228.883 | 2.454 | 0.116 | 0.127 | 0.0 | 0.116 | 0.13 | 0.0 |
| 52 | 12118 | 12119 | SN | 2 | -34.68 | 24.217 | 0.744 | -34.772 | 25.588 | 3.006 | 5.563 | 28.86 | 16.049 | 9.996 | 29.181 | 20.519 | 0.116 | 284.769 | 2.425 | 0.116 | 290.864 | 1.718 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 53 | 12118 | 12119 | SN | 1 | -34.68 | 24.217 | 0.744 | -34.772 | 25.588 | 3.006 | 5.563 | 28.86 | 16.049 | 9.996 | 29.181 | 20.519 | 0.116 | 284.769 | 2.425 | 0.116 | 290.864 | 1.718 | 0.116 | 0.138 | 0.0 | 0.116 | 0.123 | 0.0 |
| 54 | 12118 | 12119 | NS | 1 | -33.41 | 26.652 | 2.266 | -32.954 | 27.605 | 0.68 | 6.638 | 29.65 | 18.992 | 7.209 | 29.845 | 29.988 | 0.116 | 212.58 | 2.518 | 0.116 | 191.375 | 2.46 | 0.116 | 0.133 | 0.0 | 0.116 | 0.13 | 0.0 |
| 55 | 12118 | 12119 | NS | 1 | -34.937 | 26.65 | 2.269 | -34.366 | 27.605 | 0.681 | 6.643 | 29.652 | 19.001 | 7.208 | 29.848 | 29.983 | 0.116 | 302.081 | 2.519 | 0.116 | 264.879 | 2.445 | 0.116 | 0.132 | 0.0 | 0.116 | 0.13 | 0.0 |

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

Normal

Deviations

Alarming

High Errors

| | | | | | Outer | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 12104 | 12105 | SN | 1 | 57.677 | 58.378 | 0.0 | 0.0 | 286.94 | 3.829 | 1234.032 | 1277.008 | 0.0 | -93.196 | -92.123 | 0.0 |
| 2 | 12104 | 12105 | SN | 1 | 57.677 | 58.378 | 0.0 | 0.0 | 287.034 | 3.833 | 1234.032 | 1277.36 | 0.0 | -93.196 | -92.123 | 0.0 |
| 3 | 12104 | 12105 | SN | 2 | 57.663 | 58.378 | 0.0 | 0.0 | 287.034 | 3.222 | 1234.976 | 1277.36 | 0.0 | -93.196 | -92.156 | 0.0 |
| 4 | 12104 | 12105 | SN | 1 | 57.663 | 58.378 | 0.0 | 0.0 | 287.034 | 3.222 | 1234.976 | 1277.36 | 0.0 | -93.196 | -92.156 | 0.0 |
| 5 | 12105 | 12106 | SN | 1 | 57.677 | 58.376 | 0.0 | 0.0 | 298.532 | 3.711 | 1233.976 | 1276.56 | 0.0 | -93.32 | -92.121 | 0.0 |
| 6 | 12105 | 12106 | SN | 1 | 57.677 | 58.376 | 0.0 | 0.0 | 298.532 | 3.422 | 1235.144 | 1276.56 | 0.0 | -93.32 | -92.133 | 0.0 |
| 7 | 12105 | 12106 | NS | 1 | 57.392 | 58.104 | 0.0 | 0.0 | 293.784 | 3.654 | 1190.808 | 1268.904 | 38.786 | -93.54 | -91.75 | 0.0 |
| 8 | 12105 | 12106 | NS | 1 | 57.392 | 58.104 | 0.0 | 0.0 | 293.784 | 3.686 | 1190.808 | 1268.904 | 38.745 | -93.54 | -91.75 | 0.0 |
| 9 | 12106 | 12107 | NS | 1 | 57.37 | 58.106 | 0.0 | 0.0 | 297.871 | 3.724 | 1190.272 | 1269.24 | 40.853 | -93.539 | -91.731 | 0.0 |
| 10 | 12106 | 12107 | SN | 1 | 57.675 | 58.377 | 0.0 | 0.0 | 297.826 | 3.274 | 1234.696 | 1276.744 | 0.0 | -93.198 | -92.131 | 0.0 |
| 11 | 12106 | 12107 | SN | 2 | 57.674 | 58.376 | 0.0 | 0.0 | 297.782 | 3.273 | 1234.696 | 1276.728 | 0.0 | -93.197 | -92.131 | 0.0 |
| 12 | 12106 | 12107 | NS | 1 | 57.37 | 58.106 | 0.0 | 0.0 | 297.871 | 3.755 | 1190.272 | 1269.24 | 40.814 | -93.539 | -91.731 | 0.0 |
| 13 | 12106 | 12107 | SN | 1 | 57.674 | 58.376 | 0.0 | 0.0 | 297.782 | 3.56 | 1233.784 | 1276.728 | 0.0 | -93.197 | -92.121 | 0.0 |
| 14 | 12107 | 12108 | NS | 1 | 57.36 | 58.106 | 0.0 | 0.0 | 289.223 | 3.651 | 1191.104 | 1269.248 | 40.559 | -93.539 | -91.767 | 0.0 |
| 15 | 12107 | 12108 | SN | 2 | 57.673 | 58.378 | 0.0 | 0.0 | 296.884 | 3.583 | 1233.68 | 1277.072 | 0.0 | -93.178 | -92.122 | 0.0 |
| 16 | 12107 | 12108 | SN | 1 | 57.673 | 58.378 | 0.0 | 0.0 | 296.884 | 3.276 | 1234.448 | 1277.072 | 0.0 | -93.178 | -92.138 | 0.0 |
| 17 | 12107 | 12108 | SN | 1 | 57.673 | 58.378 | 0.0 | 0.0 | 296.884 | 3.583 | 1233.68 | 1277.072 | 0.0 | -93.178 | -92.122 | 0.0 |
| 18 | 12107 | 12108 | NS | 1 | 57.366 | 58.106 | 0.0 | 0.0 | 289.223 | 3.648 | 1190.752 | 1269.248 | 40.608 | -93.539 | -91.767 | 0.0 |
| 19 | 12108 | 12109 | SN | 2 | 57.65 | 58.37 | 0.0 | 0.0 | 297.744 | 3.602 | 1233.64 | 1277.136 | 0.0 | -93.266 | -92.121 | 0.0 |
| 20 | 12108 | 12109 | NS | 1 | 57.392 | 58.106 | 0.0 | 0.0 | 296.244 | 3.708 | 1191.184 | 1269.208 | 40.033 | -93.326 | -91.736 | 0.0 |
| 21 | 12108 | 12109 | SN | 1 | 57.65 | 58.361 | 0.0 | 0.0 | 297.755 | 3.601 | 1233.64 | 1277.128 | 0.0 | -93.266 | -92.121 | 0.0 |
| 22 | 12109 | 12110 | SN | 1 | 57.656 | 58.379 | 0.0 | 0.0 | 294.22 | 3.052 | 1234.456 | 1276.608 | 0.0 | -93.238 | -92.147 | 0.0 |
| 23 | 12109 | 12110 | SN | 1 | 57.656 | 58.379 | 0.0 | 0.0 | 294.22 | 3.567 | 1233.568 | 1276.608 | 0.0 | -93.238 | -92.116 | 0.0 |
| 24 | 12109 | 12110 | NS | 1 | 57.377 | 58.109 | 0.0 | 0.0 | 297.683 | 3.782 | 1191.112 | 1269.168 | 41.496 | -93.537 | -91.754 | 0.0 |
| 25 | 12109 | 12110 | SN | 1 | 57.644 | 58.379 | 0.0 | 0.0 | 294.22 | 3.564 | 1233.568 | 1276.608 | 0.0 | -93.238 | -92.116 | 0.0 |
| 26 | 12110 | 12111 | SN | 1 | 57.583 | 58.349 | 0.0 | 0.0 | 286.35 | 3.689 | 1229.56 | 1277.208 | 0.0 | -93.222 | -92.121 | 0.0 |
| 27 | 12110 | 12111 | NS | 1 | 57.37 | 58.107 | 0.0 | 0.0 | 297.258 | 3.913 | 1190.288 | 1269.232 | 42.421 | -93.899 | -91.768 | 0.0 |
| 28 | 12111 | 12112 | SN | 1 | 57.672 | 58.354 | 0.0 | 0.0 | 297.843 | 2.333 | 1235.144 | 1276.984 | 0.0 | -93.149 | -92.156 | 0.0 |
| 29 | 12111 | 12112 | SN | 1 | 57.644 | 58.354 | 0.0 | 0.0 | 297.909 | 3.523 | 1233.368 | 1276.984 | 0.0 | -93.149 | -92.118 | 0.0 |
| 30 | 12112 | 12113 | SN | 1 | 57.666 | 58.381 | 0.0 | 0.0 | 297.953 | 3.49 | 1233.56 | 1277.176 | 0.0 | -93.537 | -92.088 | 0.0 |
| 31 | 12112 | 12113 | NS | 1 | 57.36 | 58.108 | 0.0 | 0.0 | 291.308 | 3.666 | 1190.392 | 1269.536 | 42.707 | -93.223 | -91.738 | 0.0 |
| 32 | 12112 | 12113 | SN | 1 | 57.647 | 58.382 | 0.0 | 0.003 | 297.937 | 3.607 | 1233.56 | 1277.176 | 0.0 | -93.537 | -92.088 | 0.0 |
| 33 | 12113 | 12114 | SN | 1 | 57.668 | 58.355 | 0.0 | 0.003 | 295.593 | 2.863 | 1234.488 | 1277.184 | 0.0 | -93.132 | -92.104 | 0.0 |
| 34 | 12113 | 12114 | NS | 1 | 57.383 | 58.106 | 0.0 | 0.0 | 298.014 | 3.804 | 1189.904 | 1269.52 | 42.938 | -93.433 | -91.741 | 0.0 |

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

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 12113 | 12114 | NS | 2 | 57.383 | 58.107 | 0.0 | 0.0 | 298.014 | 3.804 | 1189.904 | 1269.536 | 42.938 | -93.433 | -91.741 | 0.0 |
| 36 | 12114 | 12115 | SN | 1 | 57.647 | 58.379 | 0.0 | 0.0 | 295.979 | 4.002 | 1233.176 | 1277.184 | 0.0 | -93.594 | -92.106 | 0.0 |
| 37 | 12115 | 12116 | SN | 1 | 57.662 | 58.39 | 0.0 | 0.0 | 294.032 | 3.675 | 1233.072 | 1277.344 | 0.0 | -93.178 | -92.114 | 0.0 |
| 38 | 12115 | 12116 | SN | 1 | 57.653 | 58.39 | 0.0 | 0.0 | 294.032 | 3.679 | 1233.072 | 1277.344 | 0.0 | -93.178 | -92.114 | 0.0 |
| 39 | 12115 | 12116 | NS | 1 | 57.366 | 58.11 | 0.0 | 0.0 | 298.014 | 3.537 | 1190.168 | 1269.76 | 42.78 | -93.092 | -91.763 | 0.0 |
| 40 | 12116 | 12117 | SN | 1 | 57.647 | 58.378 | 0.0 | 0.0 | 297.788 | 3.717 | 1232.664 | 1277.48 | 0.0 | -93.21 | -92.11 | 0.0 |
| 41 | 12116 | 12117 | NS | 1 | 57.356 | 58.111 | 0.0 | 0.0 | 299.376 | 3.907 | 1190.392 | 1269.896 | 43.696 | -93.531 | -91.758 | 0.0 |
| 42 | 12116 | 12117 | SN | 1 | 57.632 | 58.378 | 0.0 | 0.0 | 297.788 | 3.72 | 1232.664 | 1277.48 | 0.0 | -93.21 | -92.11 | 0.0 |
| 43 | 12116 | 12117 | NS | 1 | 57.356 | 58.107 | 0.0 | 0.0 | 299.376 | 3.08 | 1190.392 | 1264.456 | 46.091 | -93.531 | -91.758 | 0.0 |
| 44 | 12116 | 12117 | NS | 2 | 57.356 | 58.111 | 0.0 | 0.0 | 299.376 | 3.907 | 1190.392 | 1269.896 | 43.696 | -93.531 | -91.758 | 0.0 |
| 45 | 12117 | 12118 | NS | 1 | 57.385 | 58.108 | 0.0 | 0.003 | 298.345 | 3.608 | 1190.248 | 1269.96 | 43.612 | -93.306 | -91.756 | 0.0 |
| 46 | 12117 | 12118 | NS | 1 | 57.385 | 58.108 | 0.0 | 0.003 | 298.395 | 3.607 | 1190.248 | 1269.96 | 43.612 | -93.306 | -91.756 | 0.0 |
| 47 | 12117 | 12118 | SN | 1 | 57.644 | 58.389 | 0.0 | 0.0 | 299.773 | 3.621 | 1232.528 | 1277.672 | 0.0 | -93.429 | -92.109 | 0.0 |
| 48 | 12117 | 12118 | SN | 2 | 57.644 | 58.389 | 0.0 | 0.0 | 299.773 | 3.621 | 1232.528 | 1277.672 | 0.0 | -93.429 | -92.109 | 0.0 |
| 49 | 12118 | 12119 | SN | 1 | 57.672 | 58.378 | 0.0 | 0.0 | 298.577 | 2.856 | 1234.496 | 1278.248 | 0.0 | -94.038 | -92.161 | 0.0 |
| 50 | 12118 | 12119 | SN | 1 | 57.672 | 58.378 | 0.0 | 0.0 | 298.577 | 3.823 | 1232.72 | 1278.248 | 0.0 | -94.038 | -92.112 | 0.0 |
| 51 | 12118 | 12119 | NS | 1 | 57.385 | 58.098 | 0.0 | 0.0 | 280.829 | 2.064 | 1189.76 | 1253.608 | 49.056 | -93.528 | -91.743 | 0.0 |
| 52 | 12118 | 12119 | SN | 2 | 57.672 | 58.386 | 0.0 | 0.0 | 298.577 | 3.821 | 1232.736 | 1278.248 | 0.0 | -94.038 | -92.112 | 0.0 |
| 53 | 12118 | 12119 | SN | 1 | 57.672 | 58.386 | 0.0 | 0.0 | 298.577 | 3.819 | 1232.72 | 1278.248 | 0.0 | -94.038 | -92.112 | 0.0 |
| 54 | 12118 | 12119 | NS | 1 | 57.385 | 58.118 | 0.0 | 0.0 | 292.527 | 3.825 | 1189.36 | 1270.336 | 41.572 | -93.528 | -91.743 | 0.0 |
| 55 | 12118 | 12119 | NS | 1 | 57.385 | 58.109 | 0.0 | 0.0 | 292.372 | 3.826 | 1189.76 | 1270.088 | 41.517 | -93.528 | -91.743 | 0.0 |

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

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

| Outer | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------------|-----------|---------|------|---------|----------|------------|---------|----------|------------|---------|-----------|------------|---------|---------|------------|-------|----------|------------|-------|----------|------------|-------|-----------|------------|-------|---------|------------|
| SNR | | | | | | | | | | | | | | | | Kp | | | | | | | | | | | | |
| | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 12104 | 12105 | SN | 1 | -34.738 | 18.054 | 0.0 | -34.512 | 19.047 | 0.0 | -23.988 | 22.579 | 0.011 | -6.158 | 23.623 | 0.012 | 0.086 | 220.516 | 3.343 | 0.086 | 209.395 | 2.989 | 0.086 | 18.611 | 0.005 | 0.086 | 0.374 | 0.0 |
| 2 | 12104 | 12105 | SN | 1 | -34.775 | 18.058 | 0.0 | -34.416 | 19.047 | 0.0 | -22.863 | 22.579 | 0.011 | -6.168 | 23.624 | 0.012 | 0.086 | 222.438 | 3.346 | 0.086 | 204.824 | 2.994 | 0.086 | 14.747 | 0.005 | 0.086 | 0.374 | 0.0 |
| 3 | 12104 | 12105 | SN | 2 | -34.775 | 17.024 | 0.0 | -34.416 | 19.045 | 0.0 | -22.863 | 22.579 | 0.011 | -6.168 | 23.624 | 0.012 | 0.087 | 222.438 | 3.473 | 0.086 | 204.824 | 3.317 | 0.086 | 14.747 | 0.005 | 0.086 | 0.374 | 0.0 |
| 4 | 12104 | 12105 | SN | 1 | -34.775 | 17.024 | 0.0 | -34.416 | 19.045 | 0.0 | -22.863 | 22.579 | 0.011 | -6.168 | 23.624 | 0.012 | 0.087 | 222.438 | 3.473 | 0.086 | 204.824 | 3.317 | 0.086 | 14.747 | 0.005 | 0.086 | 0.374 | 0.0 |
| 5 | 12105 | 12106 | SN | 1 | -34.583 | 18.604 | 0.0 | -34.957 | 19.033 | 0.0 | 1.236 | 22.692 | 0.005 | 1.461 | 21.368 | 0.0 | 0.086 | 220.149 | 4.809 | 0.086 | 231.956 | 4.069 | 0.086 | 0.132 | 0.0 | 0.086 | 0.13 | 0.0 |
| 6 | 12105 | 12106 | SN | 1 | -34.583 | 18.238 | 0.0 | -34.957 | 19.033 | 0.0 | 1.236 | 22.692 | 0.005 | 1.461 | 21.368 | 0.0 | 0.086 | 220.149 | 4.941 | 0.086 | 231.956 | 4.166 | 0.086 | 0.132 | 0.0 | 0.086 | 0.13 | 0.0 |
| 7 | 12105 | 12106 | NS | 1 | -34.846 | 18.617 | 0.0 | -34.973 | 17.353 | 0.0 | -4.276 | 23.049 | 0.016 | -3.928 | 26.142 | 0.096 | 0.086 | 226.091 | 3.063 | 0.087 | 240.842 | 2.954 | 0.086 | 0.268 | 0.0 | 0.086 | 0.253 | 0.0 |
| 8 | 12105 | 12106 | NS | 1 | -34.846 | 18.617 | 0.0 | -34.973 | 17.353 | 0.0 | -4.276 | 23.049 | 0.016 | -3.928 | 26.142 | 0.095 | 0.086 | 226.091 | 3.063 | 0.087 | 240.842 | 2.954 | 0.086 | 0.268 | 0.0 | 0.086 | 0.253 | 0.0 |
| 9 | 12106 | 12107 | NS | 1 | -34.912 | 19.166 | 0.0 | -34.94 | 19.127 | 0.0 | -9.82 | 21.621 | 0.0 | -33.056 | 22.979 | 0.039 | 0.086 | 229.573 | 5.584 | 0.086 | 231.035 | 5.984 | 0.086 | 0.776 | 0.0 | 0.086 | 149.768 | 0.031 |
| 10 | 12106 | 12107 | SN | 1 | -34.714 | 18.71 | 0.0 | -34.793 | 18.813 | 0.0 | 1.13 | 22.095 | 0.012 | 1.557 | 23.278 | 0.004 | 0.086 | 219.357 | 2.428 | 0.086 | 223.4 | 2.216 | 0.086 | 0.134 | 0.0 | 0.086 | 0.129 | 0.0 |
| 11 | 12106 | 12107 | SN | 2 | -34.714 | 18.71 | 0.0 | -34.793 | 18.813 | 0.0 | 1.13 | 22.095 | 0.012 | 1.557 | 23.278 | 0.004 | 0.086 | 219.357 | 2.428 | 0.086 | 223.4 | 2.216 | 0.086 | 0.134 | 0.0 | 0.086 | 0.129 | 0.0 |
| 12 | 12106 | 12107 | NS | 1 | -34.912 | 19.166 | 0.0 | -34.94 | 19.127 | 0.0 | -9.82 | 21.621 | 0.0 | -33.056 | 22.979 | 0.039 | 0.086 | 229.573 | 5.584 | 0.086 | 231.035 | 5.982 | 0.086 | 0.776 | 0.0 | 0.086 | 149.768 | 0.031 |
| 13 | 12106 | 12107 | SN | 1 | -34.714 | 18.71 | 0.0 | -34.793 | 18.813 | 0.0 | 1.13 | 22.095 | 0.012 | 1.557 | 23.278 | 0.004 | 0.086 | 219.357 | 2.389 | 0.086 | 223.4 | 2.188 | 0.086 | 0.134 | 0.0 | 0.086 | 0.129 | 0.0 |
| 14 | 12107 | 12108 | NS | 1 | -34.835 | 18.648 | 0.0 | -34.834 | 19.681 | 0.0 | -28.607 | 22.543 | 0.002 | -24.937 | 22.918 | 0.036 | 0.086 | 225.574 | 4.771 | 0.086 | 225.458 | 4.705 | 0.086 | 53.81 | 0.103 | 0.086 | 23.15 | 0.068 |
| 15 | 12107 | 12108 | SN | 2 | -34.925 | 17.308 | 0.0 | -34.934 | 17.613 | 0.0 | -0.309 | 22.336 | 0.006 | 0.714 | 20.735 | 0.0 | 0.087 | 230.246 | 2.768 | 0.087 | 230.779 | 2.538 | 0.086 | 0.154 | 0.0 | 0.086 | 0.139 | 0.0 |
| 16 | 12107 | 12108 | SN | 1 | -34.925 | 17.257 | 0.0 | -34.934 | 17.625 | 0.0 | -0.309 | 22.336 | 0.006 | 0.714 | 20.735 | 0.0 | 0.087 | 230.246 | 2.821 | 0.087 | 230.779 | 2.57 | 0.086 | 0.154 | 0.0 | 0.086 | 0.139 | 0.0 |
| 17 | 12107 | 12108 | SN | 1 | -34.925 | 17.308 | 0.0 | -34.934 | 17.613 | 0.0 | -0.309 | 22.336 | 0.006 | 0.714 | 20.735 | 0.0 | 0.087 | 230.246 | 2.768 | 0.087 | 230.779 | 2.538 | 0.086 | 0.154 | 0.0 | 0.086 | 0.139 | 0.0 |
| 18 | 12107 | 12108 | NS | 1 | -34.807 | 18.649 | 0.0 | -33.848 | 19.683 | 0.0 | -29.004 | 22.517 | 0.002 | -24.965 | 22.919 | 0.036 | 0.086 | 224.059 | 4.77 | 0.086 | 179.684 | 4.695 | 0.086 | 58.943 | 0.103 | 0.086 | 23.297 | 0.068 |
| 19 | 12108 | 12109 | SN | 2 | -34.779 | 16.689 | 0.0 | -34.871 | 16.665 | 0.0 | 0.062 | 21.943 | 0.0 | 1.496 | 22.183 | 0.031 | 0.087 | 222.632 | 3.774 | 0.087 | 227.354 | 3.413 | 0.086 | 0.148 | 0.0 | 0.086 | 0.13 | 0.0 |
| 20 | 12108 | 12109 | NS | 1 | -33.698 | 16.924 | 0.0 | -33.554 | 16.757 | 0.0 | -19.885 | 22.619 | 0.028 | -10.75 | 23.262 | 0.055 | 0.087 | 173.622 | 3.857 | 0.087 | 167.947 | 3.968 | 0.086 | 7.276 | 0.011 | 0.086 | 0.946 | 0.0 |
| 21 | 12108 | 12109 | SN | 1 | -34.803 | 16.689 | 0.0 | -34.871 | 16.665 | 0.0 | 0.062 | 21.943 | 0.0 | 1.496 | 22.183 | 0.031 | 0.087 | 223.828 | 3.774 | 0.087 | 227.354 | 3.412 | 0.086 | 0.148 | 0.0 | 0.086 | 0.13 | 0.0 |
| 22 | 12109 | 12110 | SN | 1 | -34.932 | 15.602 | 0.0 | -34.84 | 16.17 | 0.0 | -0.012 | 21.779 | 0.0 | 1.982 | 22.064 | 0.007 | 0.087 | 230.678 | 2.552 | 0.087 | 225.767 | 1.943 | 0.086 | 0.149 | 0.0 | 0.086 | 0.124 | 0.0 |
| 23 | 12109 | 12110 | SN | 1 | -34.932 | 15.602 | 0.0 | -34.84 | 16.98 | 0.0 | -0.012 | 21.779 | 0.0 | 1.982 | 22.064 | 0.007 | 0.087 | 230.678 | 2.481 | 0.087 | 225.767 | 1.871 | 0.086 | 0.149 | 0.0 | 0.086 | 0.124 | 0.0 |
| 24 | 12109 | 12110 | NS | 1 | -33.823 | 18.092 | 0.0 | -34.895 | 19.544 | 0.0 | -15.232 | 22.464 | 0.002 | -24.343 | 22.792 | 0.023 | 0.086 | 178.696 | 5.113 | 0.086 | 228.655 | 4.897 | 0.086 | 2.534 | 0.002 | 0.086 | 20.196 | 0.012 |
| 25 | 12109 | 12110 | SN | 1 | -34.77 | 15.602 | 0.0 | -34.821 | 16.968 | 0.0 | -0.012 | 21.779 | 0.0 | 1.982 | 22.064 | 0.007 | 0.087 | 222.193 | 2.484 | 0.087 | 224.834 | 1.871 | 0.086 | 0.149 | 0.0 | 0.086 | 0.124 | 0.0 |
| 26 | 12110 | 12111 | SN | 1 | -34.58 | 15.41 | 0.0 | -34.651 | 16.793 | 0.0 | -0.164 | 23.055 | 0.141 | 6.066 | 22.941 | 0.277 | 0.087 | 212.69 | 2.095 | 0.087 | 216.16 | 1.939 | 0.086 | 0.152 | 0.0 | 0.086 | 0.1 | 0.0 |
| 27 | 12110 | 12111 | NS | 1 | -34.465 | 18.744 | 0.0 | -34.622 | 19.191 | 0.0 | -18.126 | 22.242 | 0.022 | -20.545 | 22.605 | 0.042 | 0.086 | 207.161 | 3.297 | 0.086 | 214.702 | 3.136 | 0.086 | 4.875 | 0.018 | 0.086 | 8.46 | 0.112 |
| 28 | 12111 | 12112 | SN | 1 | -32.606 | 16.559 | 0.0 | -33.398 | 17.07 | 0.0 | -10.764 | 23.43 | 0.206 | -10.134 | 24.164 | 0.628 | 0.087 | 135.002 | 2.082 | 0.087 | 162.029 | 1.641 | 0.086 | 0.949 | 0.0 | 0.086 | 0.83 | 0.0 |
| 29 | 12111 | 12112 | SN | 1 | -32.606 | 16.559 | 0.0 | -33.398 | 17.87 | 0.0 | -10.765 | 23.43 | 0.193 | -10.134 | 24.164 | 0.627 | 0.087 | 135.002 | 2.007 | 0.086 | 162.029 | 1.508 | 0.086 | 0.949 | 0.0 | 0.086 | 0.83 | 0.0 |
| 30 | 12112 | 12113 | SN | 1 | -34.747 | 17.429 | 0.0 | -33.871 | 18.468 | 0.0 | -32.208 | 22.822 | 0.08 | -18.539 | 23.297 | 0.268 | 0.087 | 221.002 | 3.854 | 0.086 | 180.689 | 3.344 | 0.086 | 123.204 | 0.087 | 0.086 | 5.354 | 0.016 |
| 31 | 12112 | 12113 | NS | 1 | -33.209 | 18.134 | 0.0 | -34.406 | 18.089 | 0.0 | -3.587 | 23.075 | 0.189 | -0.756 | 24.062 | 1.053 | 0.086 | 155.131 | 1.59 | 0.086 | 204.319 | 1.378 | 0.086 | 0.24 | 0.0 | 0.086 | 0.162 | 0.0 |
| 32 | 12112 | 12113 | SN | 1 | -34.898 | 17.429 | 0.0 | -34.98 | 18.468 | 0.0 | -34.193 | 22.82 | 0.08 | -18.573 | 23.298 | 0.269 | 0.087 | 228.865 | 3.838 | 0.086 | 233.182 | 3.352 | 0.086 | 194.568 | 0.088 | 0.086 | 5.396 | 0.016 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|
| 33 | 12113 | 12114 | SN | 1 | -34.598 | 18.371 | 0.0 | -34.755 | 19.078 | 0.0 | -11.469 | 22.809 | 0.092 | -2.269 | 23.298 | 0.118 | 0.086 | 213.583 | 3.118 | 0.086 | 221.381 | 2.68 | 0.086 | 1.104 | 0.002 | 0.086 | 0.197 | 0.0 |
| 34 | 12113 | 12114 | NS | 1 | -34.488 | 18.277 | 0.0 | -34.937 | 18.015 | 0.0 | -0.038 | 22.707 | 0.19 | -0.872 | 23.818 | 1.399 | 0.086 | 208.278 | 3.147 | 0.086 | 230.893 | 2.963 | 0.086 | 0.15 | 0.0 | 0.086 | 0.164 | 0.0 |
| 35 | 12113 | 12114 | NS | 2 | -34.488 | 18.277 | 0.0 | -34.937 | 18.015 | 0.0 | -0.038 | 22.707 | 0.19 | -0.872 | 23.818 | 1.399 | 0.086 | 208.278 | 3.147 | 0.086 | 230.893 | 2.963 | 0.086 | 0.15 | 0.0 | 0.086 | 0.164 | 0.0 |
| 36 | 12114 | 12115 | SN | 1 | -34.823 | 16.143 | 0.0 | -34.996 | 18.707 | 0.0 | -32.864 | 22.854 | 0.1 | -25.988 | 23.154 | 0.15 | 0.087 | 224.874 | 3.724 | 0.086 | 234.058 | 3.721 | 0.086 | 143.305 | 0.154 | 0.086 | 29.467 | 0.032 |
| 37 | 12115 | 12116 | SN | 1 | -34.977 | 16.516 | 0.0 | -33.415 | 19.082 | 0.0 | -34.216 | 23.099 | 0.07 | -24.978 | 22.933 | 0.112 | 0.087 | 233.029 | 1.509 | 0.086 | 162.64 | 1.052 | 0.086 | 195.623 | 0.091 | 0.086 | 23.957 | 0.085 |
| 38 | 12115 | 12116 | SN | 1 | -34.745 | 16.51 | 0.0 | -33.141 | 19.082 | 0.0 | -34.662 | 23.099 | 0.07 | -31.88 | 22.933 | 0.112 | 0.087 | 220.914 | 1.503 | 0.086 | 152.74 | 1.052 | 0.086 | 216.687 | 0.091 | 0.086 | 114.272 | 0.085 |
| 39 | 12115 | 12116 | NS | 1 | -33.667 | 18.977 | 0.0 | -33.633 | 19.112 | 0.0 | 4.581 | 22.628 | 0.046 | 4.496 | 23.437 | 0.897 | 0.086 | 172.359 | 2.078 | 0.086 | 170.999 | 1.899 | 0.086 | 0.106 | 0.0 | 0.086 | 0.107 | 0.0 |
| 40 | 12116 | 12117 | SN | 1 | -34.782 | 20.266 | 0.0 | -33.579 | 19.278 | 0.0 | -31.427 | 22.865 | 0.25 | -22.405 | 23.289 | 0.383 | 0.086 | 222.802 | 2.79 | 0.086 | 168.929 | 2.673 | 0.086 | 102.919 | 0.068 | 0.086 | 12.948 | 0.073 |
| 41 | 12116 | 12117 | NS | 1 | -34.929 | 19.946 | 0.0 | -34.631 | 21.638 | 0.0 | 3.26 | 22.557 | 0.072 | 4.061 | 23.566 | 1.051 | 0.086 | 230.52 | 2.185 | 0.086 | 215.214 | 2.251 | 0.086 | 0.114 | 0.0 | 0.086 | 0.109 | 0.0 |
| 42 | 12116 | 12117 | SN | 1 | -34.959 | 20.266 | 0.0 | -34.953 | 19.278 | 0.0 | -32.095 | 22.865 | 0.25 | -22.188 | 23.289 | 0.383 | 0.086 | 232.078 | 2.791 | 0.086 | 231.764 | 2.665 | 0.086 | 120.038 | 0.068 | 0.086 | 12.321 | 0.075 |
| 43 | 12116 | 12117 | NS | 1 | -34.929 | 19.946 | 0.0 | -34.631 | 21.638 | 0.0 | 3.241 | 22.557 | 0.114 | 4.063 | 23.566 | 1.475 | 0.086 | 230.52 | 2.189 | 0.086 | 215.214 | 2.251 | 0.086 | 0.114 | 0.0 | 0.086 | 0.109 | 0.0 |
| 44 | 12116 | 12117 | NS | 2 | -34.929 | 19.946 | 0.0 | -34.631 | 21.638 | 0.0 | 3.26 | 22.557 | 0.072 | 4.061 | 23.566 | 1.051 | 0.086 | 230.52 | 2.185 | 0.086 | 215.214 | 2.251 | 0.086 | 0.114 | 0.0 | 0.086 | 0.109 | 0.0 |
| 45 | 12117 | 12118 | NS | 1 | -34.82 | 20.193 | 0.0 | -34.263 | 20.862 | 0.0 | 2.492 | 22.882 | 0.27 | 2.466 | 23.722 | 1.113 | 0.086 | 224.717 | 2.667 | 0.086 | 197.663 | 2.414 | 0.086 | 0.12 | 0.0 | 0.086 | 0.12 | 0.0 |
| 46 | 12117 | 12118 | NS | 1 | -34.82 | 20.193 | 0.0 | -34.263 | 20.862 | 0.0 | 2.492 | 22.882 | 0.27 | 2.466 | 23.722 | 1.113 | 0.086 | 224.717 | 2.667 | 0.086 | 197.663 | 2.414 | 0.086 | 0.12 | 0.0 | 0.086 | 0.12 | 0.0 |
| 47 | 12117 | 12118 | SN | 1 | -34.834 | 17.571 | 0.0 | -34.891 | 19.316 | 0.0 | 2.052 | 22.986 | 0.23 | 1.676 | 23.496 | 1.007 | 0.087 | 225.443 | 3.928 | 0.086 | 228.468 | 4.077 | 0.086 | 0.124 | 0.0 | 0.086 | 0.128 | 0.0 |
| 48 | 12117 | 12118 | SN | 2 | -34.834 | 17.571 | 0.0 | -34.891 | 19.316 | 0.0 | 2.052 | 22.986 | 0.23 | 1.676 | 23.496 | 1.007 | 0.087 | 225.443 | 3.928 | 0.086 | 228.468 | 4.077 | 0.086 | 0.124 | 0.0 | 0.086 | 0.128 | 0.0 |
| 49 | 12118 | 12119 | SN | 1 | -34.755 | 16.177 | 0.0 | -34.883 | 19.186 | 0.0 | 2.158 | 22.254 | 0.005 | 4.683 | 22.639 | 0.065 | 0.087 | 221.44 | 2.125 | 0.086 | 228.05 | 1.856 | 0.086 | 0.123 | 0.0 | 0.086 | 0.106 | 0.0 |
| 50 | 12118 | 12119 | SN | 1 | -34.242 | 17.938 | 0.0 | -34.883 | 19.2 | 0.0 | 2.158 | 22.311 | 0.031 | 4.683 | 22.625 | 0.081 | 0.086 | 196.79 | 2.072 | 0.086 | 228.05 | 1.68 | 0.086 | 0.123 | 0.0 | 0.086 | 0.106 | 0.0 |
| 51 | 12118 | 12119 | NS | 1 | -34.838 | 19.929 | 0.0 | -34.956 | 20.879 | 0.0 | 3.079 | 21.74 | 0.0 | 0.466 | 19.977 | 0.0 | 0.086 | 225.71 | 1.787 | 0.086 | 231.902 | 2.438 | 0.086 | 0.115 | 0.0 | 0.086 | 0.142 | 0.0 |
| 52 | 12118 | 12119 | SN | 2 | -34.242 | 17.933 | 0.0 | -34.883 | 19.2 | 0.0 | 2.158 | 22.31 | 0.031 | 4.683 | 22.625 | 0.081 | 0.086 | 196.79 | 2.067 | 0.086 | 228.05 | 1.679 | 0.086 | 0.123 | 0.0 | 0.086 | 0.106 | 0.0 |
| 53 | 12118 | 12119 | SN | 1 | -34.242 | 17.933 | 0.0 | -34.883 | 19.2 | 0.0 | 2.158 | 22.31 | 0.031 | 4.683 | 22.625 | 0.081 | 0.086 | 196.79 | 2.067 | 0.086 | 228.05 | 1.679 | 0.086 | 0.123 | 0.0 | 0.086 | 0.106 | 0.0 |
| 54 | 12118 | 12119 | NS | 1 | -34.68 | 20.329 | 0.0 | -34.295 | 20.879 | 0.0 | 2.335 | 23.004 | 0.414 | 0.481 | 24.127 | 0.873 | 0.086 | 217.623 | 2.267 | 0.086 | 199.164 | 2.435 | 0.086 | 0.121 | 0.0 | 0.086 | 0.142 | 0.0 |
| 55 | 12118 | 12119 | NS | 1 | -34.934 | 20.331 | 0.0 | -34.956 | 20.879 | 0.0 | 2.325 | 23.004 | 0.414 | 0.483 | 24.126 | 0.873 | 0.086 | 230.777 | 2.276 | 0.086 | 237.085 | 2.417 | 0.086 | 0.121 | 0.0 | 0.086 | 0.142 | 0.0 |

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

Normal

Deviations

Alarming

High Errors