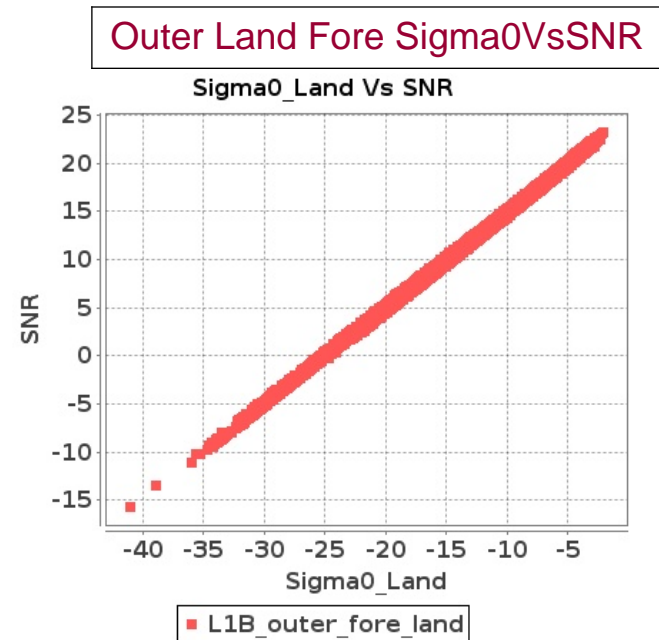
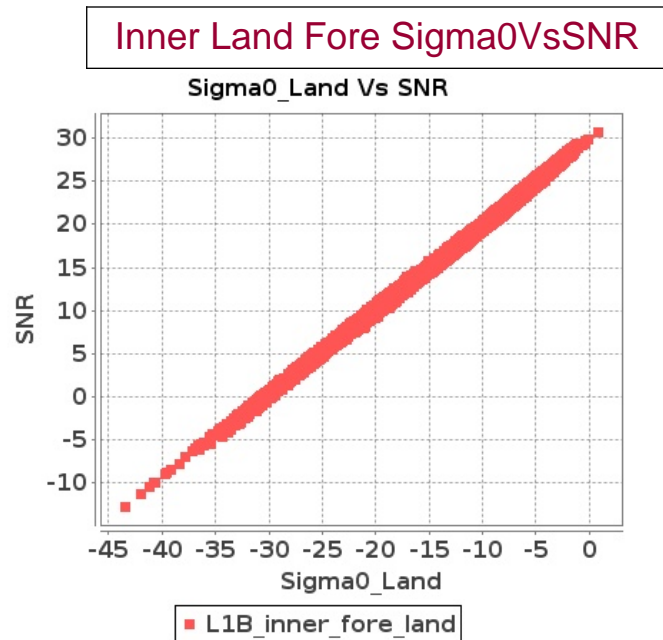
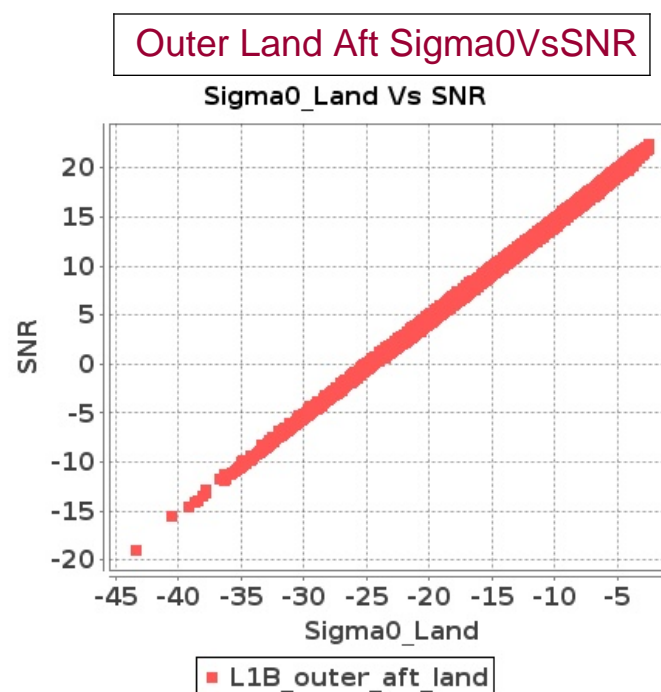
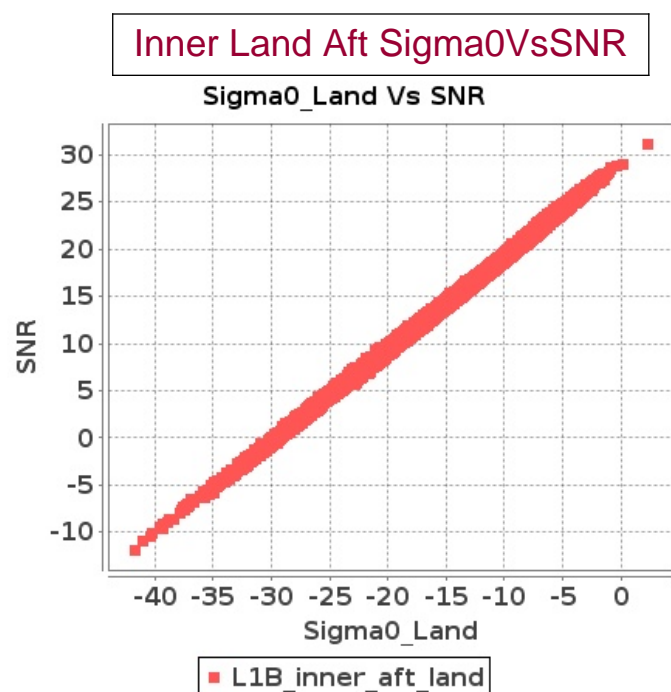
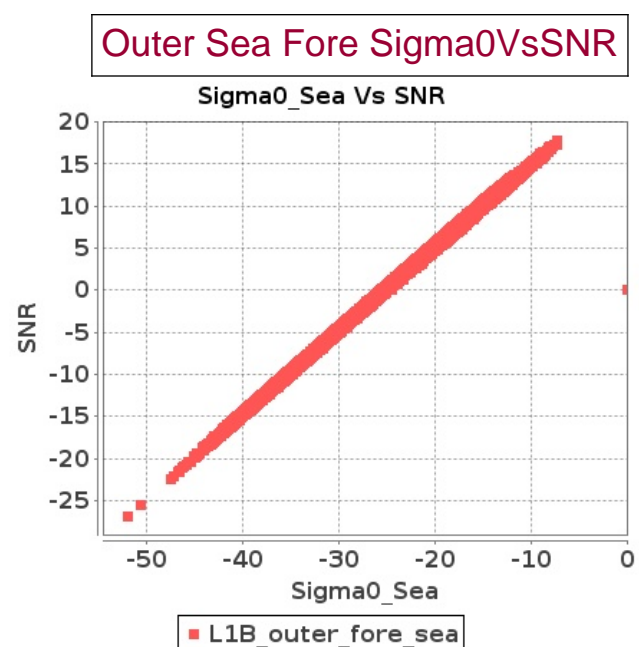
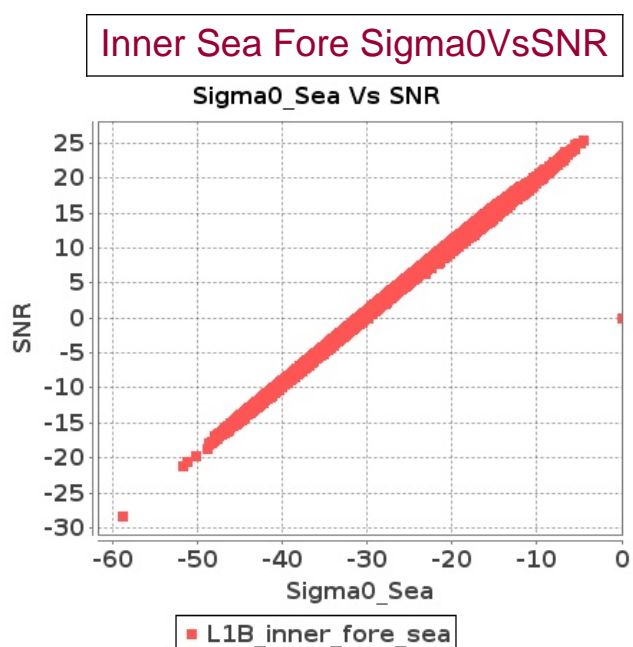
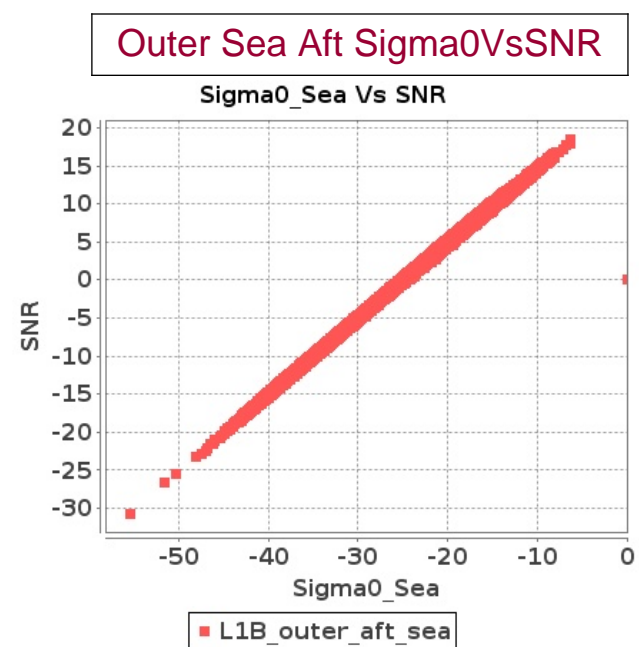
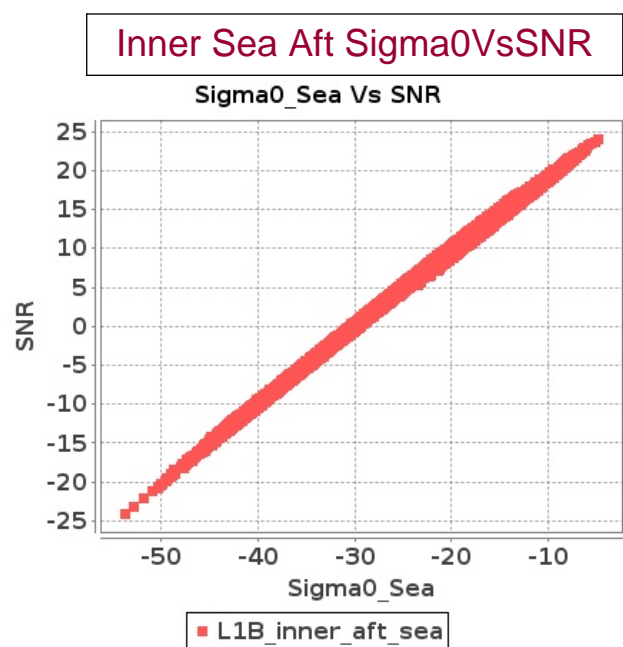
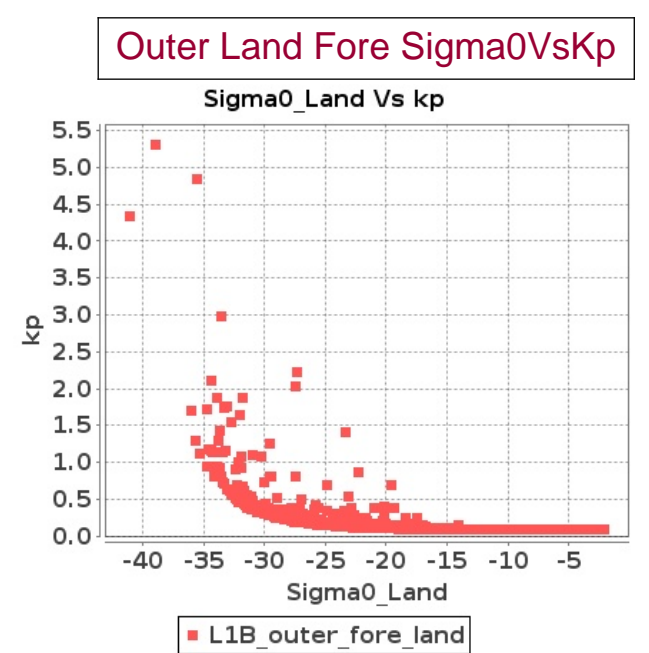
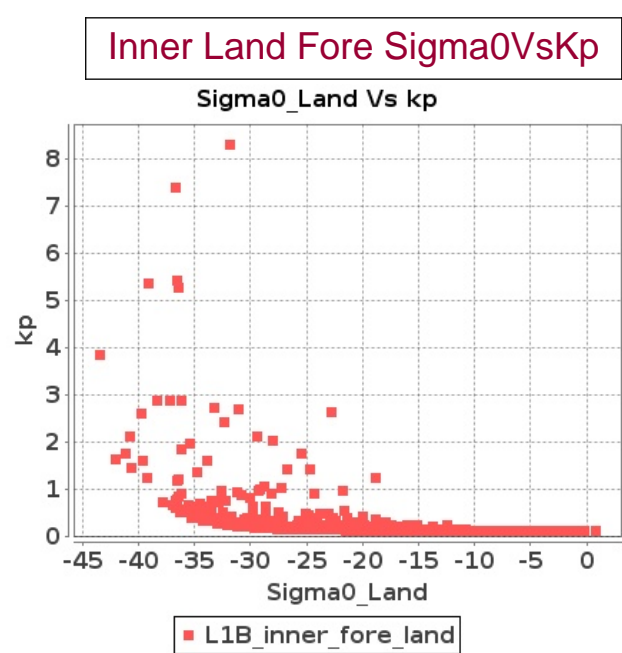
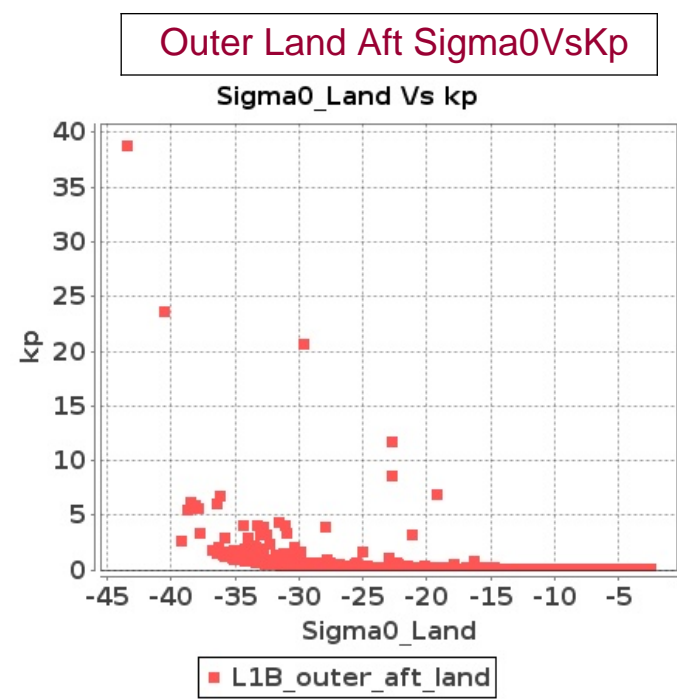
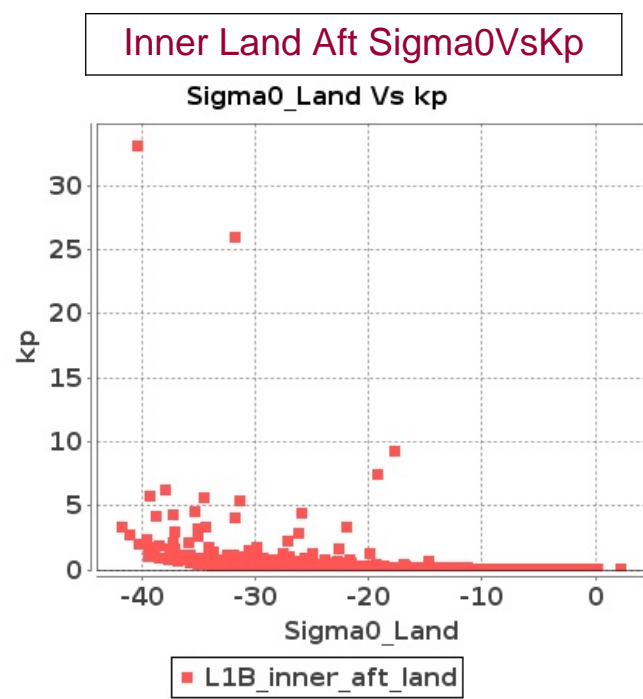
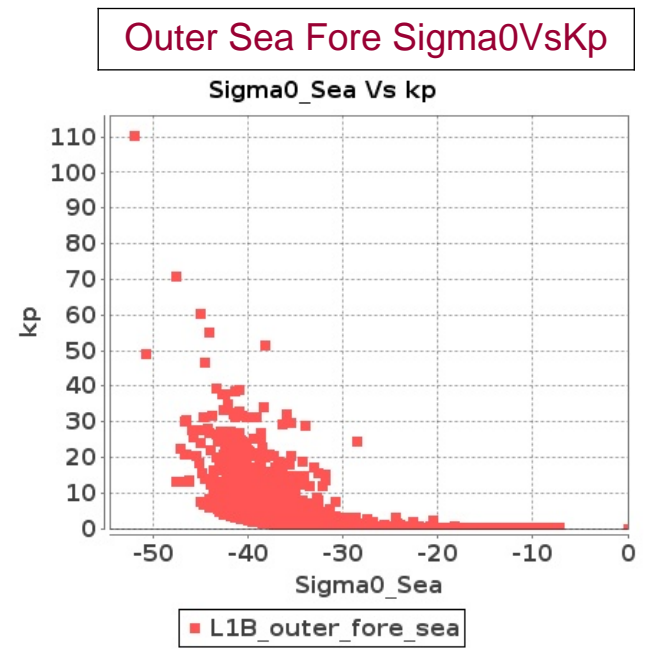
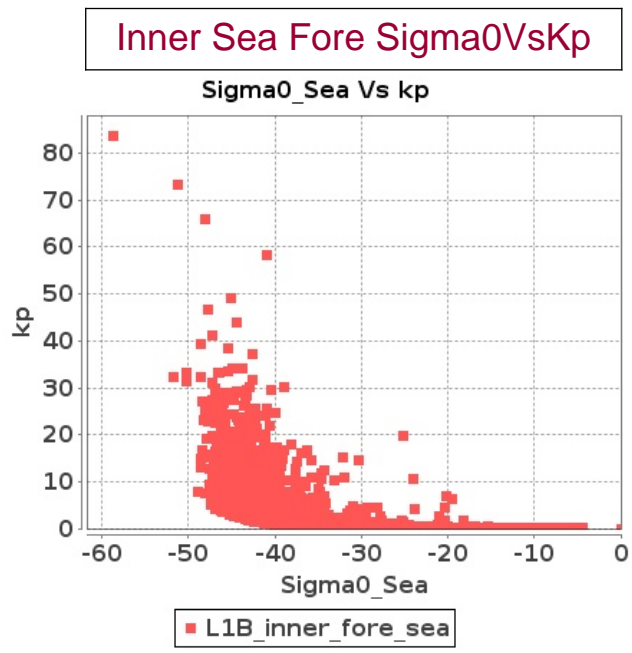
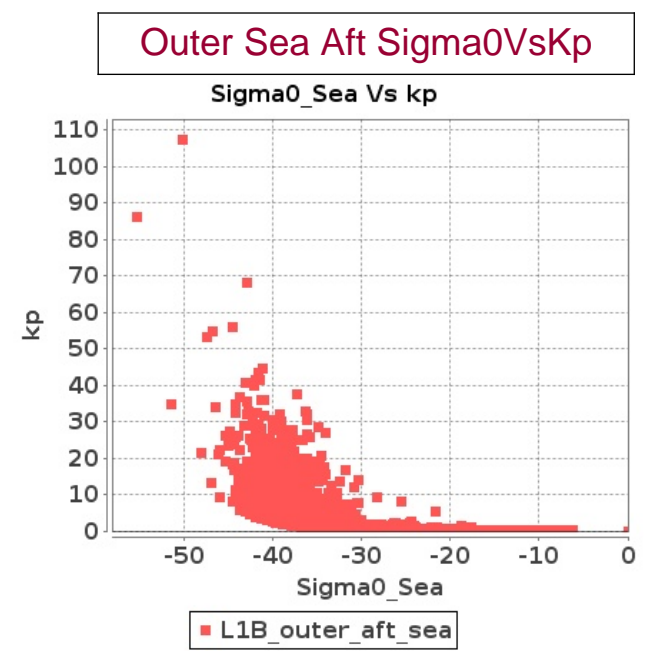
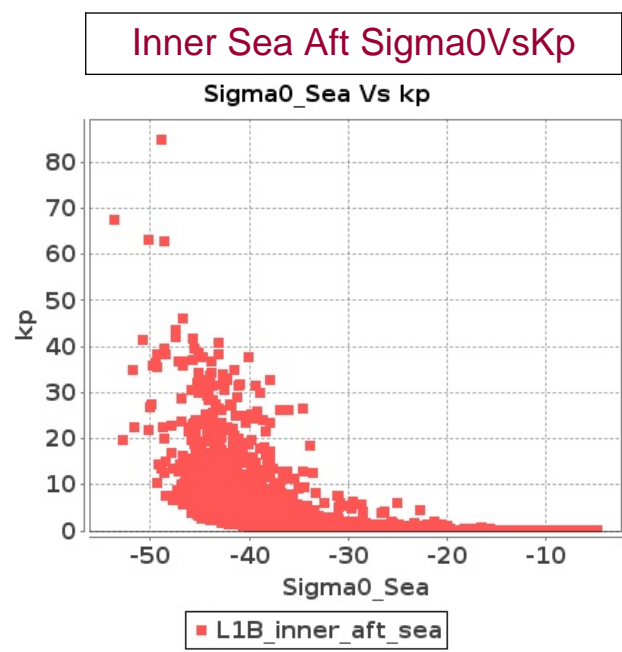


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 15-JAN-2020 To 16-JAN-2020





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

Report between 15-JAN-2020 To 16-JAN-2020

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Inner											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
					Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	17484	17485	NS	1	48.71	49.378	0.0	0.003	12.69	2.656	1038.088	1083.584	0.0	-91.476	-89.677	0.0
2	17484	17485	NS	1	48.71	49.343	0.0	0.003	12.69	2.659	1038.088	1083.584	0.0	-91.844	-89.677	0.0
3	17484	17485	SN	2	48.721	49.443	0.0	0.003	27.804	2.747	1029.92	1083.648	0.0	-91.524	-89.609	0.0
4	17484	17485	SN	1	48.721	49.443	0.0	0.003	27.804	2.748	1029.92	1083.648	0.0	-91.524	-89.609	0.0
5	17484	17485	SN	1	48.721	49.443	0.0	0.003	27.804	2.452	1029.92	1083.648	0.0	-91.524	-89.609	0.0
6	17485	17486	SN	1	48.716	49.436	0.0	0.003	6.646	2.391	1029.688	1083.816	0.0	-91.575	-89.617	0.0
7	17485	17486	NS	2	48.748	49.396	0.0	0.003	266.683	2.569	1037.384	1083.728	0.0	-91.585	-89.65	0.0
8	17485	17486	SN	1	48.75	49.436	0.0	0.003	6.646	2.393	1030.0	1083.816	0.0	-91.575	-89.617	0.0
9	17485	17486	NS	1	48.748	49.396	0.0	0.003	40.466	2.57	1037.376	1083.744	0.0	-91.586	-89.65	0.0
10	17485	17486	SN	1	48.716	49.436	0.0	0.003	6.646	2.524	1029.688	1083.816	0.0	-91.575	-89.617	0.0
11	17486	17487	SN	1	48.704	49.437	0.0	0.003	6.646	2.505	1029.824	1083.856	0.0	-91.978	-89.644	0.0
12	17486	17487	NS	1	48.748	49.405	0.0	0.003	264.56	2.508	1038.224	1083.776	0.0	-91.453	-89.652	0.0
13	17486	17487	SN	1	48.704	49.437	0.0	0.003	6.646	2.332	1029.824	1083.856	0.0	-91.978	-89.644	0.0
14	17487	17488	NS	1	48.75	49.399	0.0	0.0	42.761	2.763	1038.528	1083.664	0.0	-91.589	-89.682	0.0
15	17487	17488	SN	1	48.761	49.404	0.0	0.003	215.598	2.276	1029.728	1083.704	0.0	-91.557	-89.613	0.0
16	17487	17488	NS	2	48.75	49.399	0.0	0.0	42.761	2.763	1038.528	1083.664	0.0	-91.589	-89.682	0.0
17	17487	17488	SN	1	48.761	49.405	0.0	0.003	215.598	2.565	1029.72	1083.712	0.0	-91.557	-89.613	0.0
18	17487	17488	SN	2	48.761	49.404	0.0	0.003	215.598	2.562	1029.728	1083.704	0.0	-91.557	-89.613	0.0
19	17488	17489	SN	2	48.737	49.45	0.0	0.003	282.263	2.557	1029.744	1083.616	0.0	-91.528	-89.642	0.0
20	17488	17489	SN	1	48.736	49.461	0.0	0.003	282.263	2.103	1029.736	1083.616	0.0	-91.528	-89.642	0.0
21	17488	17489	NS	1	48.694	49.405	0.0	0.003	41.426	2.588	1038.544	1083.624	0.0	-91.924	-89.691	0.0
22	17488	17489	NS	1	48.694	49.405	0.0	0.003	41.426	2.585	1038.544	1083.56	0.0	-91.605	-89.691	0.0
23	17488	17489	SN	1	48.736	49.461	0.0	0.003	282.263	2.556	1029.736	1083.616	0.0	-91.528	-89.642	0.0
24	17489	17490	SN	1	48.709	49.422	0.0	0.003	6.624	2.609	1029.6	1083.48	0.0	-91.496	-89.642	0.0
25	17489	17490	SN	1	48.709	49.422	0.0	0.003	6.624	2.606	1029.6	1083.48	0.0	-91.496	-89.642	0.0
26	17489	17490	NS	1	48.745	49.366	0.0	0.003	41.955	2.603	1038.544	1083.408	0.0	-91.927	-89.699	0.0
27	17489	17490	SN	1	48.709	49.422	0.0	0.003	6.624	1.912	1029.6	1083.48	0.0	-91.496	-89.642	0.0
28	17489	17490	NS	2	48.745	49.366	0.0	0.003	41.955	2.603	1038.544	1083.408	0.0	-91.927	-89.699	0.0
29	17490	17491	SN	1	48.696	49.453	0.0	0.003	215.477	2.654	1029.272	1083.496	0.0	-91.604	-89.642	0.0
30	17490	17491	SN	1	48.696	49.453	0.0	0.003	215.477	1.659	1029.272	1083.496	0.0	-91.604	-89.642	0.0
31	17490	17491	SN	1	48.696	49.453	0.0	0.003	282.451	2.653	1029.656	1083.488	0.0	-91.604	-89.642	0.0
32	17490	17491	NS	1	48.7	49.338	0.0	0.003	265.183	2.63	1037.712	1083.424	0.0	-91.542	-89.704	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	17490	17491	NS	2	48.7	49.338	0.0	0.003	265.183	2.63	1037.712	1083.424	0.0	-91.542	-89.704	0.0
34	17491	17492	SN	1	48.761	49.417	0.0	0.003	6.629	1.548	1030.104	1083.616	0.0	-91.455	-89.606	0.0
35	17491	17492	SN	1	48.761	49.417	0.0	0.0	125.566	2.726	1030.104	1083.616	0.0	-91.455	-89.606	0.0
36	17491	17492	NS	1	48.685	49.368	0.0	0.003	266.794	2.607	1037.664	1083.528	0.0	-91.552	-89.702	0.0
37	17491	17492	SN	2	48.761	49.417	0.0	0.0	125.566	2.712	1030.104	1083.616	0.0	-91.455	-89.606	0.0
38	17491	17492	SN	1	48.761	49.417	0.0	0.0	125.566	2.712	1030.104	1083.616	0.0	-91.455	-89.606	0.0
39	17491	17492	NS	2	48.685	49.368	0.0	0.003	266.794	2.607	1037.664	1083.528	0.0	-91.552	-89.702	0.0
40	17492	17493	SN	2	48.759	49.455	0.0	0.003	215.554	2.549	1030.08	1083.784	0.0	-91.525	-89.591	0.0
41	17492	17493	NS	1	48.702	49.398	0.0	0.0	266.909	2.814	1037.904	1084.336	0.0	-91.495	-89.698	0.0
42	17492	17493	NS	1	48.712	49.392	0.0	0.0	266.909	2.811	1037.904	1084.056	0.0	-91.634	-89.698	0.0
43	17492	17493	SN	1	48.759	49.455	0.0	0.003	215.554	2.549	1030.08	1083.784	0.0	-91.525	-89.591	0.0
44	17493	17494	SN	1	48.708	49.456	0.0	0.003	6.629	2.568	1029.976	1083.416	0.0	-91.869	-89.628	0.0
45	17493	17494	NS	2	48.704	49.407	0.0	0.003	14.14	2.654	1037.816	1083.68	0.0	-91.627	-89.674	0.0
46	17493	17494	NS	1	48.704	49.407	0.0	0.003	14.14	2.654	1037.816	1083.68	0.0	-91.627	-89.674	0.0
47	17494	17495	NS	1	48.707	49.391	0.0	0.003	42.888	2.602	1037.96	1083.296	0.0	-91.583	-89.703	0.0
48	17494	17495	NS	1	48.707	49.391	0.0	0.003	42.888	2.66	1037.96	1083.368	0.0	-91.583	-89.703	0.0
49	17494	17495	SN	1	48.762	49.434	0.0	0.003	6.629	2.64	1029.912	1083.448	0.0	-91.523	-89.623	0.0
50	17495	17496	SN	1	48.749	49.427	0.0	0.003	6.629	2.582	1029.88	1083.488	0.0	-91.533	-89.623	0.0
51	17495	17496	NS	1	48.749	49.389	0.0	0.003	267.191	2.204	1038.4	1083.896	0.0	-91.535	-89.704	0.0
52	17495	17496	NS	1	48.749	49.389	0.0	0.003	267.191	2.576	1038.4	1083.408	0.0	-91.668	-89.704	0.0
53	17496	17497	SN	1	48.697	49.462	0.0	0.003	215.592	2.585	1029.456	1083.544	0.0	-91.85	-89.644	0.0
54	17496	17497	NS	1	48.734	49.399	0.0	0.0	51.218	2.393	1038.032	1082.928	0.0	-91.568	-89.702	0.0
55	17496	17497	NS	1	48.734	49.399	0.0	0.0	51.218	2.734	1038.032	1083.44	0.0	-91.574	-89.702	0.0
56	17497	17498	SN	1	48.747	49.47	0.0	0.003	215.78	2.679	1029.96	1083.6	0.0	-91.578	-89.645	0.0
57	17497	17498	NS	1	48.747	49.336	0.0	0.003	209.923	2.602	1038.184	1083.488	0.0	-91.447	-89.701	0.0
58	17497	17498	NS	1	48.747	49.376	0.0	0.003	209.923	1.534	1038.184	1081.36	0.0	-91.332	-89.701	0.0
59	17498	17499	SN	1	48.697	49.405	0.0	0.0	66.494	2.724	1030.08	1083.512	0.0	-91.48	-89.634	0.0
60	17498	17499	NS	1	48.716	49.45	0.0	0.003	15.514	1.765	1037.28	1077.416	0.0	-91.43	-89.696	0.0
61	17498	17499	NS	1	48.716	49.715	0.0	0.0	246.951	2.775	1037.28	1084.248	0.0	-93.92	-89.696	0.0
62	17498	17499	SN	1	48.709	49.405	0.0	0.003	6.634	2.023	1030.08	1083.512	0.0	-91.48	-89.634	0.0
63	17499	17500	SN	1	48.742	49.422	0.0	0.003	281.006	2.606	1029.728	1083.456	0.0	-91.486	-89.609	0.0
64	17499	17500	NS	1	48.749	49.399	0.0	0.003	266.711	2.529	1037.584	1083.344	0.0	-91.572	-89.687	0.0
65	17499	17500	SN	1	48.742	49.422	0.0	0.003	281.006	2.431	1029.728	1083.456	0.0	-91.486	-89.609	0.0
66	17499	17500	NS	1	48.749	49.399	0.0	0.003	266.711	2.524	1037.584	1083.344	0.0	-91.529	-89.687	0.0
67	17500	17501	NS	1	48.739	49.404	0.0	0.003	206.912	2.555	1037.664	1083.496	0.0	-91.587	-89.634	0.0
68	17500	17501	SN	2	48.698	49.422	0.0	0.003	215.581	2.52	1029.76	1083.592	0.0	-91.462	-89.641	0.0
69	17500	17501	SN	1	48.698	49.422	0.0	0.003	215.581	2.52	1029.656	1083.6	0.0	-91.462	-89.641	0.0

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

 Normal	 Deviations
 Alarming	 High Errors





70	17500	17501	NS	1	48.739	49.382	0.0	0.003	206.912	2.553	1037.664	1083.496	0.0	-91.461	-89.634	0.0
71	17501	17502	SN	2	48.719	49.411	0.0	0.003	6.624	2.553	1029.624	1083.52	0.0	-91.458	-89.641	0.0
72	17501	17502	SN	1	48.719	49.411	0.0	0.003	6.624	2.552	1029.624	1083.52	0.0	-91.458	-89.641	0.0
73	17501	17502	NS	1	48.745	49.39	0.0	0.003	11.885	2.518	1037.848	1083.44	0.0	-91.518	-89.688	0.0
74	17501	17502	NS	1	48.745	49.361	0.0	0.003	11.885	2.515	1037.848	1083.44	0.0	-91.478	-89.688	0.0
75	17501	17502	SN	1	48.693	49.411	0.0	0.003	6.624	2.32	1029.624	1083.52	0.0	-91.458	-89.641	0.0
76	17502	17503	NS	1	48.724	49.393	0.0	0.003	264.56	2.582	1037.792	1083.28	0.0	-91.605	-89.693	0.0
77	17502	17503	SN	1	48.752	49.401	0.0	0.003	6.624	2.173	1029.6	1083.352	0.0	-91.402	-89.639	0.0
78	17502	17503	SN	1	48.752	49.401	0.0	0.003	6.629	2.521	1029.6	1083.36	0.0	-91.402	-89.639	0.0
79	17502	17503	NS	1	48.75	49.401	0.0	0.003	264.56	2.584	1038.288	1083.28	0.0	-91.605	-89.693	0.0
80	17503	17504	SN	1	48.738	49.461	0.0	0.003	6.624	2.563	1029.624	1083.24	0.0	-91.551	-89.639	0.0
81	17503	17504	NS	1	48.711	49.384	0.0	0.003	264.411	2.695	1038.064	1083.16	0.0	-91.617	-89.693	0.0
82	17504	17505	SN	2	48.697	49.401	0.0	0.003	281.816	2.667	1029.336	1083.16	0.0	-91.51	-89.642	0.0
83	17504	17505	NS	1	48.707	49.403	0.0	0.003	206.779	2.554	1038.856	1083.056	0.0	-91.486	-89.705	0.0
84	17504	17505	NS	1	48.707	49.358	0.0	0.003	206.779	2.551	1038.856	1083.056	0.0	-91.495	-89.705	0.0
85	17504	17505	SN	1	48.696	49.4	0.0	0.003	215.399	2.664	1029.32	1083.152	0.0	-91.51	-89.642	0.0
86	17505	17506	NS	1	48.704	49.381	0.0	0.003	267.014	2.618	1037.928	1083.168	0.0	-91.594	-89.706	0.0
87	17505	17506	SN	1	48.723	49.406	0.0	0.003	6.612	2.686	1029.016	1083.28	0.0	-91.918	-89.63	0.0
88	17505	17506	NS	1	48.688	49.37	0.0	0.003	267.014	2.621	1038.016	1083.168	0.0	-91.508	-89.706	0.0
89	17505	17506	SN	1	48.723	49.406	0.0	0.003	6.612	1.588	1029.016	1083.28	0.0	-91.593	-89.63	0.0
90	17506	17507	SN	1	48.709	49.44	0.0	0.003	6.629	2.562	1029.104	1084.096	0.0	-91.44	-89.581	0.0
91	17506	17507	NS	1	48.702	49.364	0.0	0.003	267.014	2.635	1037.84	1084.024	0.0	-91.587	-89.695	0.0
92	17506	17507	SN	1	48.709	49.44	0.0	0.003	6.635	2.576	1029.096	1084.104	0.0	-91.44	-89.581	0.0
93	17507	17508	SN	1	48.732	49.422	0.0	0.003	6.635	2.54	1029.944	1083.2	0.0	-91.521	-89.629	0.0
94	17507	17508	NS	1	48.702	49.387	0.0	0.0	41.28	2.814	1038.112	1083.976	0.0	-91.583	-89.68	0.0
95	17507	17508	NS	2	48.702	49.387	0.0	0.0	41.28	2.814	1038.112	1083.984	0.0	-91.583	-89.68	0.0
96	17508	17509	NS	1	48.726	49.38	0.0	0.003	267.185	2.616	1037.816	1083.312	0.0	-91.682	-89.691	0.0
97	17508	17509	SN	1	48.736	49.402	0.0	0.003	6.624	2.619	1029.912	1083.112	0.0	-91.303	-89.615	0.0
98	17509	17510	NS	1	48.712	49.361	0.0	0.008	206.669	2.64	1038.296	1083.328	0.0	-91.518	-89.707	0.0
99	17509	17510	NS	1	48.752	49.352	0.0	0.008	206.669	2.642	1038.752	1083.08	0.0	-91.47	-89.707	0.0
100	17509	17510	SN	1	48.7	49.407	0.0	0.003	281.794	2.618	1029.832	1083.152	0.0	-91.392	-89.613	0.0
101	17509	17510	SN	2	48.694	49.406	0.0	0.003	215.361	2.618	1029.824	1083.152	0.0	-91.392	-89.613	0.0
102	17510	17511	NS	1	48.724	49.498	0.0	0.003	264.191	1.952	1037.584	1082.464	0.0	-91.509	-89.705	0.0
103	17510	17511	NS	1	48.724	49.498	0.0	0.003	264.191	2.56	1037.584	1083.048	0.0	-91.509	-89.705	0.0
104	17510	17511	NS	1	48.734	49.378	0.0	0.003	264.191	2.556	1037.64	1083.048	0.0	-91.519	-89.705	0.0
105	17510	17511	SN	1	48.707	49.458	0.0	0.003	6.612	2.573	1029.848	1083.16	0.0	-91.457	-89.628	0.0
106	17510	17511	SN	1	48.707	49.458	0.0	0.003	6.612	2.571	1029.848	1083.16	0.0	-91.457	-89.628	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

107	17511	17512	NS	1	48.749	49.397	0.0	0.003	41.955	2.64	1037.968	1083.136	0.0	-91.553	-89.705	0.0
108	17511	17512	SN	1	48.718	49.467	0.0	0.003	30.39	2.56	1029.872	1083.224	0.0	-91.523	-89.644	0.0
109	17511	17512	SN	1	48.714	49.462	0.0	0.003	30.39	2.558	1029.872	1083.224	0.0	-91.518	-89.644	0.0
110	17511	17512	NS	2	48.749	49.397	0.0	0.003	41.955	2.64	1037.968	1083.144	0.0	-91.553	-89.705	0.0
111	17512	17513	NS	1	48.726	49.338	0.0	0.003	12.425	1.548	1038.44	1079.744	0.0	-91.48	-89.703	0.0
112	17512	17513	SN	1	48.735	49.461	0.0	0.003	282.219	2.726	1030.04	1083.256	0.0	-91.545	-89.644	0.0
113	17512	17513	NS	1	48.726	49.338	0.0	0.003	12.425	2.575	1038.44	1083.16	0.0	-91.453	-89.703	0.0
114	17512	17513	NS	2	48.726	49.338	0.0	0.003	12.425	1.548	1038.44	1079.744	0.0	-91.48	-89.703	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









112	17512	17513	SN	1	-34.773	23.371	0.149	-34.863	24.42	1.03	6.51	29.123	11.748	9.067	28.997	15.131	0.116	290.866	1.616	0.116	297.025	1.349	0.116	0.133	0.0	0.116	0.125	0.0
113	17512	17513	NS	1	-33.899	25.487	0.243	-32.982	25.524	0.085	5.738	28.642	12.556	5.686	28.62	21.27	0.116	237.931	1.742	0.116	192.626	1.601	0.116	0.137	0.0	0.116	0.137	0.0
114	17512	17513	NS	2	-33.899	25.487	0.198	-32.982	25.52	0.075	5.738	27.667	3.06	5.682	25.753	6.73	0.116	237.931	1.824	0.116	192.626	1.611	0.116	0.137	0.0	0.116	0.137	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	17484	17485	NS	1	57.524	58.239	0.0	0.0	290.072	3.886	1216.288	1273.016	0.0	-92.857	-91.719	0.0
2	17484	17485	NS	1	57.524	58.239	0.0	0.0	290.072	3.889	1216.288	1273.016	0.0	-92.888	-91.719	0.0
3	17484	17485	SN	2	57.484	58.278	0.0	0.0	291.981	4.099	1206.528	1273.248	6.694	-92.998	-91.66	0.0
4	17484	17485	SN	1	57.484	58.278	0.0	0.0	291.931	4.099	1206.528	1273.248	6.694	-92.998	-91.66	0.0
5	17484	17485	SN	1	57.486	58.278	0.0	0.0	285.76	3.722	1206.528	1273.248	6.849	-92.998	-91.66	0.0
6	17485	17486	SN	1	57.482	58.282	0.0	0.0	289.593	3.495	1206.264	1273.456	7.601	-92.88	-91.664	0.0
7	17485	17486	NS	2	57.525	58.222	0.0	0.0	295.731	3.679	1216.192	1273.176	0.0	-92.918	-91.689	0.0
8	17485	17486	SN	1	57.484	58.282	0.0	0.0	289.593	3.499	1206.04	1273.456	7.563	-92.88	-91.664	0.0
9	17485	17486	NS	1	57.525	58.222	0.0	0.0	295.731	3.68	1216.184	1273.192	0.0	-92.918	-91.689	0.0
10	17485	17486	SN	1	57.482	58.282	0.0	0.0	289.631	3.816	1206.264	1273.456	7.511	-92.88	-91.664	0.0
11	17486	17487	SN	1	57.497	58.282	0.0	0.0	287.8	3.77	1206.192	1273.464	8.393	-92.878	-91.692	0.0
12	17486	17487	NS	1	57.488	58.232	0.0	0.0	295.571	3.63	1216.712	1273.232	0.0	-92.909	-91.689	0.0
13	17486	17487	SN	1	57.497	58.282	0.0	0.0	287.8	3.444	1206.192	1273.464	8.504	-92.878	-91.692	0.0
14	17487	17488	NS	1	57.514	58.236	0.0	0.0	289.521	3.902	1216.144	1273.096	0.0	-93.078	-91.722	0.0
15	17487	17488	SN	1	57.502	58.268	0.0	0.0	295.102	3.409	1206.064	1273.288	8.759	-92.842	-91.661	0.0
16	17487	17488	NS	2	57.514	58.236	0.0	0.0	289.521	3.902	1216.144	1273.096	0.0	-93.078	-91.722	0.0
17	17487	17488	SN	1	57.502	58.268	0.0	0.0	299.056	3.778	1206.064	1273.296	8.607	-92.842	-91.661	0.0
18	17487	17488	SN	2	57.502	58.268	0.0	0.0	299.056	3.776	1206.064	1273.288	8.602	-92.842	-91.661	0.0
19	17488	17489	SN	2	57.474	58.282	0.0	0.0	294.137	3.767	1206.08	1273.176	8.566	-92.892	-91.69	0.0
20	17488	17489	SN	1	57.474	58.282	0.0	0.0	287.514	3.315	1206.072	1273.176	8.826	-92.892	-91.69	0.0
21	17488	17489	NS	1	57.501	58.238	0.0	0.0	296.442	3.783	1216.632	1272.968	0.0	-92.969	-91.733	0.0
22	17488	17489	NS	1	57.501	58.236	0.0	0.0	296.442	3.779	1216.632	1272.968	0.0	-92.929	-91.733	0.0
23	17488	17489	SN	1	57.474	58.282	0.0	0.0	294.137	3.769	1206.072	1273.176	8.574	-92.892	-91.69	0.0
24	17489	17490	SN	1	57.474	58.287	0.0	0.0	291.479	3.846	1206.008	1273.0	8.516	-92.892	-91.691	0.0
25	17489	17490	SN	1	57.478	58.287	0.0	0.0	291.479	3.842	1206.064	1273.0	8.534	-92.892	-91.691	0.0
26	17489	17490	NS	1	57.49	58.222	0.0	0.0	296.2	3.831	1216.896	1272.784	0.0	-92.887	-91.742	0.0
27	17489	17490	SN	1	57.474	58.287	0.0	0.003	282.351	3.183	1206.008	1273.0	8.903	-92.892	-91.691	0.0
28	17489	17490	NS	2	57.49	58.222	0.0	0.0	296.2	3.833	1216.896	1272.784	0.0	-92.887	-91.742	0.0
29	17490	17491	SN	1	57.503	58.27	0.0	0.0	288.683	3.911	1206.16	1273.032	6.798	-92.873	-91.692	0.0
30	17490	17491	SN	1	57.503	58.27	0.0	0.0	281.888	2.932	1206.16	1273.032	7.264	-92.873	-91.692	0.0
31	17490	17491	SN	1	57.503	58.27	0.0	0.0	288.683	3.909	1206.152	1273.024	6.814	-92.873	-91.692	0.0
32	17490	17491	NS	1	57.497	58.205	0.0	0.0	295.466	3.831	1216.336	1274.664	0.0	-93.14	-91.747	0.0
33	17490	17491	NS	2	57.497	58.205	0.0	0.0	295.466	3.83	1216.336	1274.664	0.0	-93.14	-91.747	0.0
34	17491	17492	SN	1	57.504	58.259	0.0	0.0	294.352	2.526	1206.336	1273.192	7.339	-92.845	-91.643	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

35	17491	17492	SN	1	57.504	58.259	0.0	0.0	298.957	3.996	1206.336	1273.192	6.741	-92.845	-91.643	0.0
36	17491	17492	NS	1	57.496	58.24	0.0	0.0	289.466	3.791	1216.176	1273.2	0.0	-92.954	-91.747	0.0
37	17491	17492	SN	2	57.504	58.259	0.0	0.0	298.957	3.988	1206.336	1273.192	6.747	-92.845	-91.643	0.0
38	17491	17492	SN	1	57.504	58.259	0.0	0.0	298.957	3.988	1206.336	1273.192	6.747	-92.845	-91.643	0.0
39	17491	17492	NS	2	57.496	58.24	0.0	0.0	289.466	3.791	1216.176	1273.2	0.0	-92.954	-91.747	0.0
40	17492	17493	SN	2	57.502	58.268	0.0	0.0	293.337	3.789	1206.128	1273.144	6.657	-92.904	-91.637	0.0
41	17492	17493	NS	1	57.504	58.232	0.0	0.0	296.74	4.129	1216.688	1272.896	0.0	-92.906	-91.727	0.0
42	17492	17493	NS	1	57.504	58.236	0.0	0.0	296.74	4.124	1216.688	1273.296	0.0	-92.933	-91.727	0.0
43	17492	17493	SN	1	57.502	58.268	0.0	0.0	293.337	3.789	1206.128	1273.144	6.657	-92.904	-91.637	0.0
44	17493	17494	SN	1	57.495	58.271	0.0	0.0	290.53	3.852	1206.256	1272.944	7.117	-92.823	-91.671	0.0
45	17493	17494	NS	2	57.528	58.233	0.0	0.003	287.012	3.852	1216.272	1272.936	0.0	-92.943	-91.713	0.0
46	17493	17494	NS	1	57.528	58.233	0.0	0.003	287.012	3.852	1216.272	1272.936	0.0	-92.943	-91.713	0.0
47	17494	17495	NS	1	57.5	58.228	0.0	0.0	296.663	3.586	1216.16	1272.912	0.0	-92.937	-91.735	0.0
48	17494	17495	NS	1	57.5	58.266	0.0	0.0	296.663	3.841	1216.16	1276.288	0.0	-93.417	-91.735	0.0
49	17494	17495	SN	1	57.474	58.281	0.0	0.0	290.199	3.902	1205.784	1273.032	8.076	-93.002	-91.673	0.0
50	17495	17496	SN	1	57.485	58.263	0.0	0.0	298.207	3.844	1206.232	1273.04	7.854	-92.846	-91.668	0.0
51	17495	17496	NS	1	57.491	58.226	0.0	0.0	298.295	3.08	1216.056	1272.384	0.0	-92.929	-91.737	0.0
52	17495	17496	NS	1	57.491	58.226	0.0	0.0	298.295	3.7	1216.056	1272.776	0.0	-92.91	-91.737	0.0
53	17496	17497	SN	1	57.472	58.273	0.0	0.0	296.635	3.818	1206.24	1273.104	7.68	-92.863	-91.693	0.0
54	17496	17497	NS	1	57.502	58.23	0.0	0.0	287.42	3.298	1215.712	1272.328	0.0	-92.899	-91.746	0.0
55	17496	17497	NS	1	57.502	58.23	0.0	0.0	292.571	3.911	1215.712	1272.816	0.0	-92.887	-91.746	0.0
56	17497	17498	SN	1	57.472	58.262	0.0	0.0	298.549	3.948	1206.312	1273.208	7.981	-93.163	-91.694	0.0
57	17497	17498	NS	1	57.523	58.204	0.0	0.0	289.852	3.776	1216.44	1272.88	0.0	-93.054	-91.744	0.0
58	17497	17498	NS	1	57.523	58.223	0.0	0.003	289.852	2.017	1216.44	1271.064	0.0	-92.862	-91.744	0.0
59	17498	17499	SN	1	57.477	58.279	0.0	0.0	289.94	4.084	1206.512	1273.08	6.962	-92.87	-91.681	0.0
60	17498	17499	NS	1	57.492	58.237	0.0	0.0	296.007	2.294	1215.936	1266.664	0.0	-92.854	-91.745	0.0
61	17498	17499	NS	1	57.492	58.594	0.0	0.0	296.007	4.006	1215.936	1276.96	0.0	-95.465	-91.745	0.0
62	17498	17499	SN	1	57.477	58.279	0.0	0.0	282.539	3.403	1206.512	1273.08	7.236	-92.87	-91.681	0.0
63	17499	17500	SN	1	57.506	58.269	0.0	0.0	299.569	3.915	1205.672	1273.024	7.848	-92.826	-91.657	0.0
64	17499	17500	NS	1	57.526	58.235	0.0	0.0	298.224	3.706	1215.84	1272.688	0.0	-92.918	-91.733	0.0
65	17499	17500	SN	1	57.506	58.269	0.0	0.0	299.569	3.583	1205.672	1273.024	7.975	-92.826	-91.657	0.0
66	17499	17500	NS	1	57.526	58.235	0.0	0.0	298.224	3.695	1215.84	1272.688	0.0	-92.912	-91.733	0.0
67	17500	17501	NS	1	57.528	58.236	0.0	0.0	291.821	3.6	1216.16	1272.88	0.0	-92.892	-91.68	0.0
68	17500	17501	SN	2	57.471	58.264	0.0	0.0	296.095	3.765	1206.144	1273.184	8.515	-92.866	-91.686	0.0
69	17500	17501	SN	1	57.471	58.264	0.0	0.0	296.095	3.765	1206.144	1273.192	8.511	-92.866	-91.686	0.0
70	17500	17501	NS	1	57.528	58.243	0.0	0.0	291.821	3.597	1216.16	1272.88	0.0	-92.883	-91.68	0.0
71	17501	17502	SN	2	57.468	58.276	0.0	0.0	292.19	3.776	1205.968	1273.096	8.972	-92.946	-91.689	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

72	17501	17502	SN	1	57.468	58.276	0.0	0.0	292.19	3.776	1205.968	1273.096	8.972	-92.946	-91.689	0.0
73	17501	17502	NS	1	57.53	58.221	0.0	0.0	298.174	3.697	1216.528	1272.816	0.0	-92.905	-91.73	0.0
74	17501	17502	NS	1	57.53	58.218	0.0	0.0	298.174	3.692	1217.2	1272.816	0.0	-92.916	-91.73	0.0
75	17501	17502	SN	1	57.468	58.276	0.0	0.0	287.26	3.421	1205.968	1273.096	9.112	-92.946	-91.689	0.0
76	17502	17503	NS	1	57.523	58.29	0.0	0.0	290.475	3.745	1216.424	1272.864	0.0	-92.931	-91.737	0.0
77	17502	17503	SN	1	57.477	58.249	0.0	0.0	299.514	3.386	1205.928	1272.888	9.295	-92.902	-91.688	0.0
78	17502	17503	SN	1	57.477	58.249	0.0	0.0	290.315	3.795	1205.928	1272.896	9.088	-92.902	-91.688	0.0
79	17502	17503	NS	1	57.529	58.239	0.0	0.0	290.475	3.749	1216.424	1272.608	0.0	-93.118	-91.737	0.0
80	17503	17504	SN	1	57.475	58.257	0.0	0.0	286.786	3.796	1205.96	1272.744	8.825	-92.891	-91.688	0.0
81	17503	17504	NS	1	57.516	58.228	0.0	0.0	296.073	3.819	1216.472	1272.464	0.0	-92.934	-91.735	0.0
82	17504	17505	SN	2	57.466	58.254	0.0	0.0	297.325	3.957	1206.128	1272.648	8.394	-92.919	-91.69	0.0
83	17504	17505	NS	1	57.506	58.205	0.0	0.0	287.497	3.753	1217.24	1272.336	0.0	-93.009	-91.747	0.0
84	17504	17505	NS	1	57.506	58.219	0.0	0.0	287.497	3.749	1217.24	1272.336	0.0	-92.867	-91.747	0.0
85	17504	17505	SN	1	57.465	58.254	0.0	0.0	297.325	3.958	1206.112	1272.64	8.406	-92.919	-91.69	0.0
86	17505	17506	NS	1	57.444	58.221	0.0	0.003	297.744	3.715	1216.272	1272.456	0.0	-92.918	-91.75	0.0
87	17505	17506	SN	1	57.484	58.251	0.0	0.0	291.887	3.97	1205.92	1272.824	7.275	-92.911	-91.674	0.0
88	17505	17506	NS	1	57.497	58.231	0.0	0.003	297.744	3.718	1216.512	1272.456	0.0	-92.93	-91.75	0.0
89	17505	17506	SN	1	57.484	58.251	0.0	0.0	285.313	2.757	1205.92	1272.824	7.858	-92.911	-91.674	0.0
90	17506	17507	SN	1	57.479	58.269	0.0	0.0	288.219	3.809	1206.112	1273.248	7.224	-92.921	-91.628	0.0
91	17506	17507	NS	1	57.493	58.229	0.0	0.0	296.42	3.868	1216.184	1272.888	0.0	-92.926	-91.735	0.0
92	17506	17507	SN	1	57.479	58.269	0.0	0.0	288.242	3.816	1206.104	1273.264	7.228	-92.922	-91.628	0.0
93	17507	17508	SN	1	57.506	58.266	0.0	0.0	287.514	3.781	1206.344	1273.248	7.392	-93.09	-91.676	0.0
94	17507	17508	NS	1	57.511	58.227	0.0	0.0	292.521	4.082	1217.064	1272.608	0.0	-92.885	-91.723	0.0
95	17507	17508	NS	2	57.511	58.227	0.0	0.0	292.538	4.084	1217.048	1272.616	0.0	-92.885	-91.723	0.0
96	17508	17509	NS	1	57.522	58.226	0.0	0.0	298.814	3.772	1216.496	1272.984	0.0	-92.941	-91.733	0.0
97	17508	17509	SN	1	57.478	58.536	0.0	0.0	296.801	3.95	1206.296	1282.992	7.152	-95.856	-91.656	0.0
98	17509	17510	NS	1	57.506	58.219	0.0	0.0	296.128	3.683	1216.584	1272.328	0.0	-92.892	-91.751	0.0
99	17509	17510	NS	1	57.506	58.272	0.0	0.0	296.128	3.686	1216.456	1273.112	0.0	-93.028	-91.751	0.0
100	17509	17510	SN	1	57.474	58.272	0.0	0.0	294.545	3.919	1206.168	1272.664	8.307	-92.848	-91.659	0.0
101	17509	17510	SN	2	57.475	58.271	0.0	0.0	290.607	3.931	1206.16	1272.656	8.313	-92.848	-91.659	0.0
102	17510	17511	NS	1	57.513	58.215	0.0	0.0	288.159	2.931	1216.184	1271.912	0.0	-92.865	-91.749	0.0
103	17510	17511	NS	1	57.513	58.218	0.0	0.0	288.159	3.729	1216.184	1272.304	0.0	-92.89	-91.749	0.0
104	17510	17511	NS	1	57.514	58.202	0.0	0.0	283.526	3.739	1216.24	1272.304	0.0	-92.834	-91.749	0.0
105	17510	17511	SN	1	57.467	58.278	0.0	0.0	291.198	3.792	1206.184	1272.688	7.693	-92.852	-91.679	0.0
106	17510	17511	SN	1	57.468	58.278	0.0	0.0	291.198	3.789	1206.184	1272.688	7.686	-92.852	-91.679	0.0
107	17511	17512	NS	1	57.526	58.233	0.0	0.0	292.676	3.748	1216.824	1272.416	0.0	-92.851	-91.749	0.0
108	17511	17512	SN	1	57.468	58.279	0.0	0.0	289.4	3.772	1206.208	1272.76	7.978	-92.867	-91.692	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

109	17511	17512	SN	1	57.468	58.278	0.0	0.0	289.4	3.768	1206.208	1272.76	7.967	-92.86	-91.692	0.0
110	17511	17512	NS	2	57.526	58.233	0.0	0.0	292.676	3.748	1216.824	1272.424	0.0	-92.877	-91.749	0.0
111	17512	17513	NS	1	57.472	58.204	0.0	0.0	296.663	2.135	1216.104	1269.272	0.0	-92.811	-91.747	0.0
112	17512	17513	SN	1	57.486	58.268	0.0	0.0	295.979	3.979	1206.4	1272.8	7.467	-92.874	-91.694	0.0
113	17512	17513	NS	1	57.472	58.217	0.0	0.0	296.663	3.87	1216.104	1272.44	0.0	-92.88	-91.747	0.0
114	17512	17513	NS	2	57.472	58.204	0.0	0.0	296.663	2.135	1216.104	1269.272	0.0	-92.811	-91.747	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









107	17511	17512	NS	1	-34.08	18.178	0.0	-34.656	20.36	0.0	1.555	22.798	0.046	2.05	23.046	0.102	0.086	189.53	2.064	0.086	216.422	1.917	0.086	0.129	0.0	0.086	0.124	0.0
108	17511	17512	SN	1	-34.987	16.869	0.0	-34.919	18.097	0.0	1.826	22.461	0.197	2.254	23.711	1.378	0.087	233.576	2.4	0.086	229.946	2.39	0.086	0.126	0.0	0.086	0.122	0.0
109	17511	17512	SN	1	-34.912	16.867	0.0	-34.854	18.099	0.0	1.826	22.461	0.197	2.254	23.711	1.378	0.087	229.552	2.402	0.086	226.538	2.387	0.086	0.126	0.0	0.086	0.122	0.0
110	17511	17512	NS	2	-34.08	18.178	0.0	-34.656	20.36	0.0	1.554	22.798	0.046	2.05	23.046	0.102	0.086	189.53	2.064	0.086	216.422	1.917	0.086	0.129	0.0	0.086	0.124	0.0
111	17512	17513	NS	1	-34.708	19.734	0.0	-34.462	18.434	0.0	1.649	21.335	0.0	-0.277	19.199	0.0	0.086	219.072	2.041	0.086	206.957	1.826	0.086	0.128	0.0	0.086	0.154	0.0
112	17512	17513	SN	1	-33.894	16.996	0.0	-34.92	18.058	0.0	1.533	22.786	0.058	3.9	22.939	0.113	0.087	181.63	2.122	0.086	229.964	1.741	0.086	0.129	0.0	0.086	0.11	0.0
113	17512	17513	NS	1	-34.895	19.734	0.0	-34.462	18.445	0.0	0.984	22.454	0.019	-0.27	22.772	0.125	0.086	228.714	2.004	0.086	206.957	1.851	0.086	0.135	0.0	0.086	0.154	0.0
114	17512	17513	NS	2	-34.708	19.734	0.0	-34.462	18.434	0.0	1.649	21.335	0.0	-0.277	19.199	0.0	0.086	219.072	2.041	0.086	206.957	1.826	0.086	0.128	0.0	0.086	0.154	0.0

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

 Normal

 Deviations

 Alarming

 High Errors