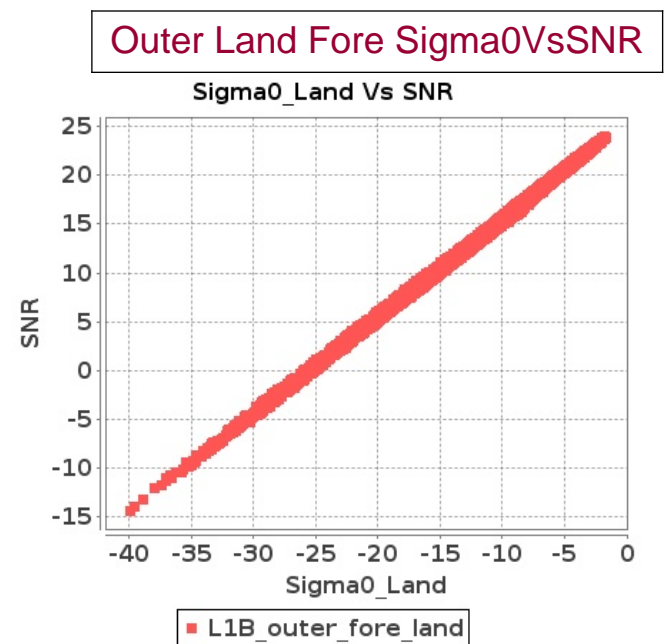
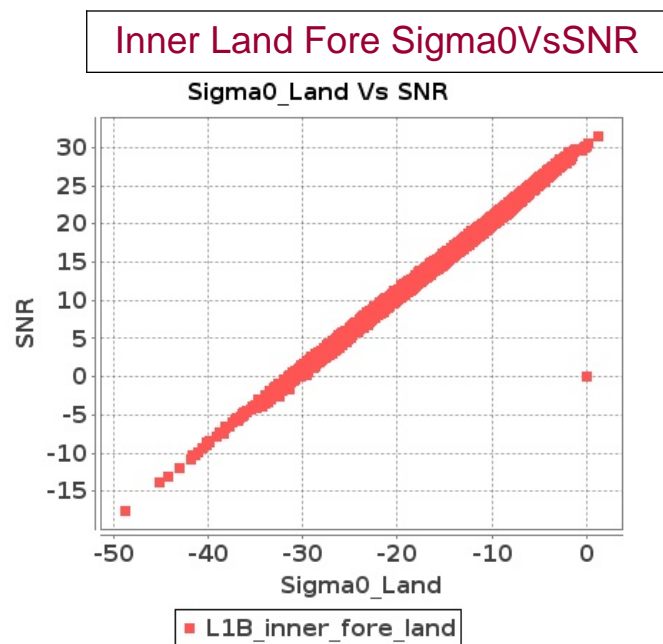
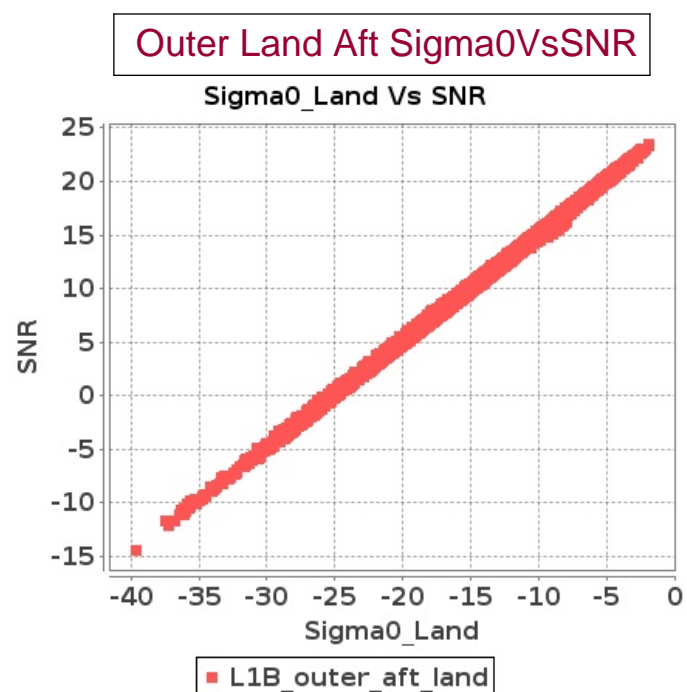
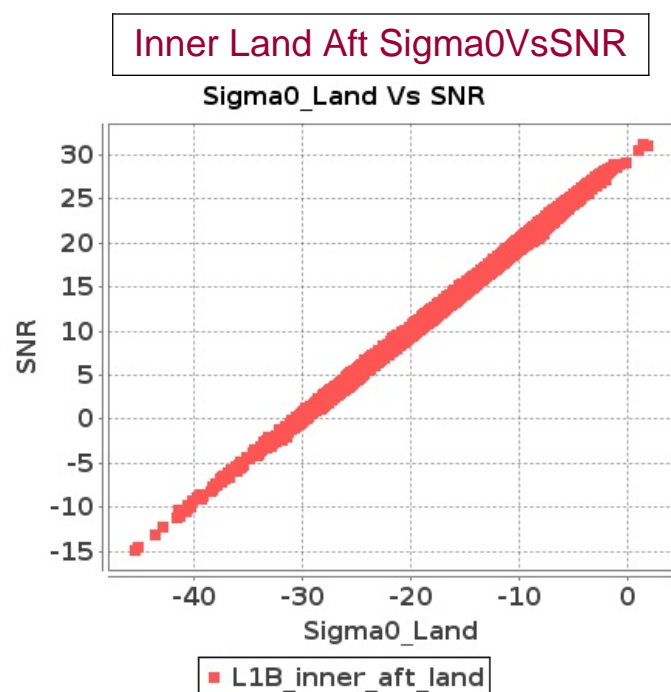
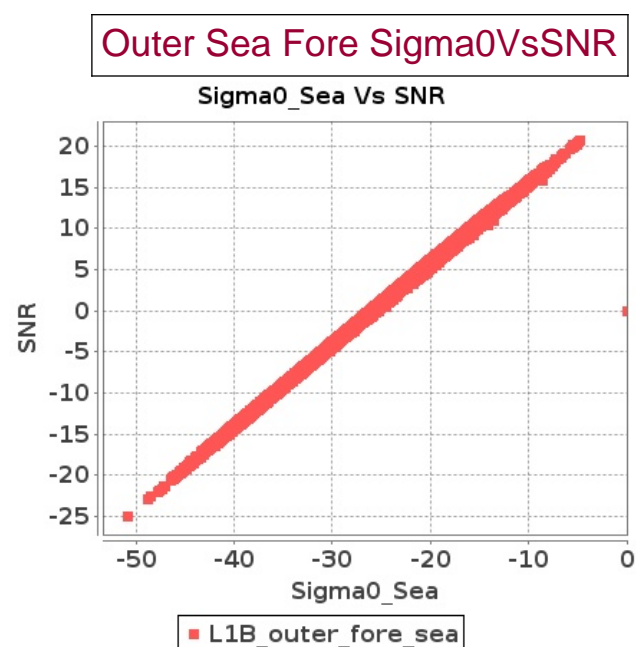
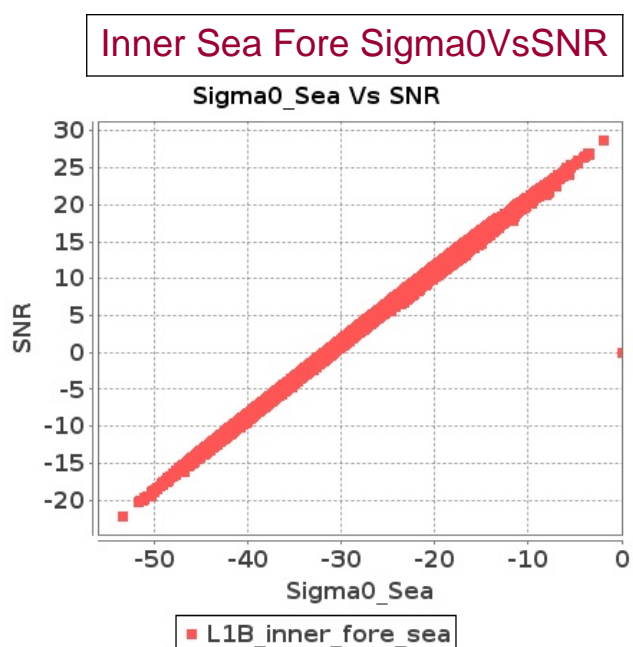
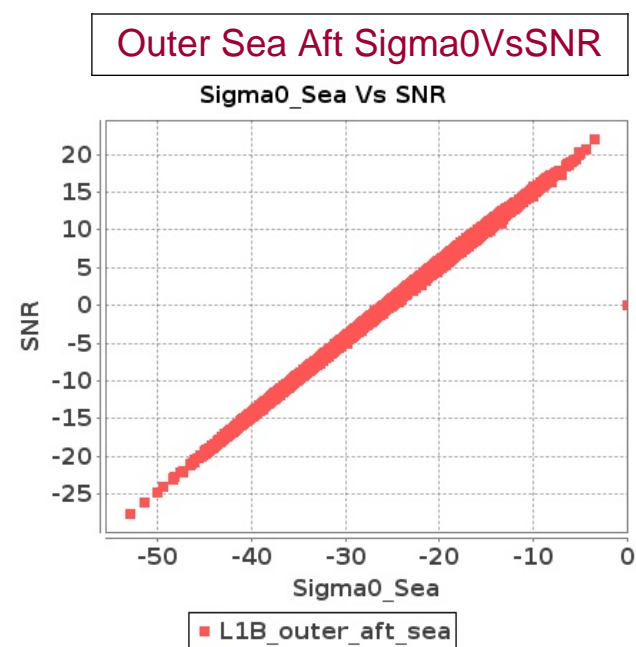
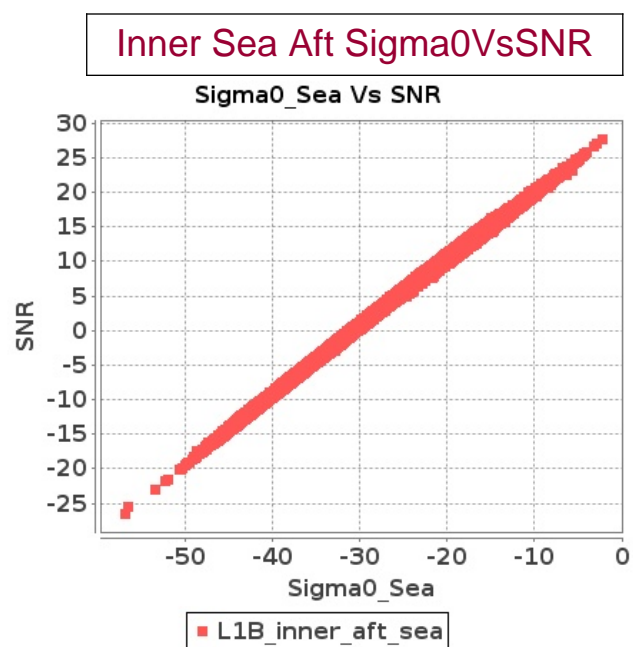
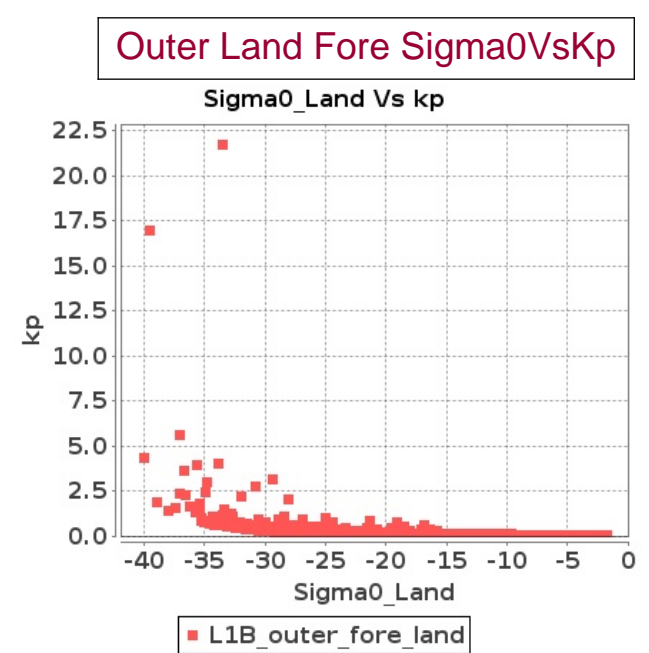
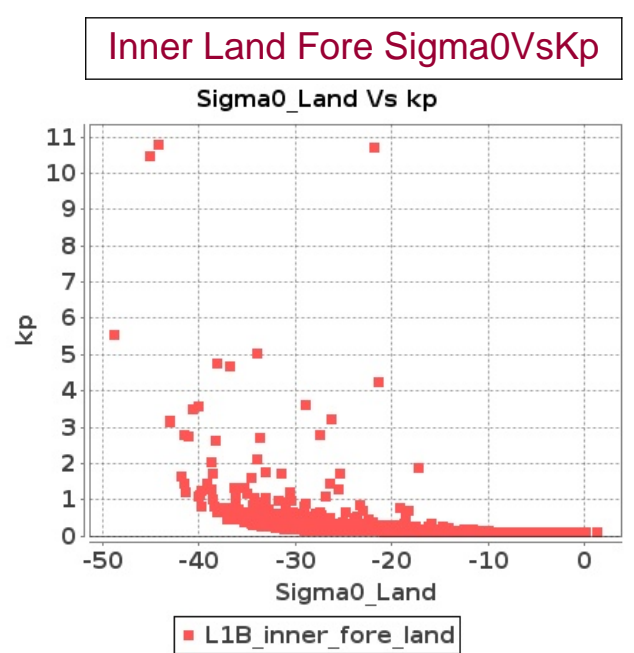
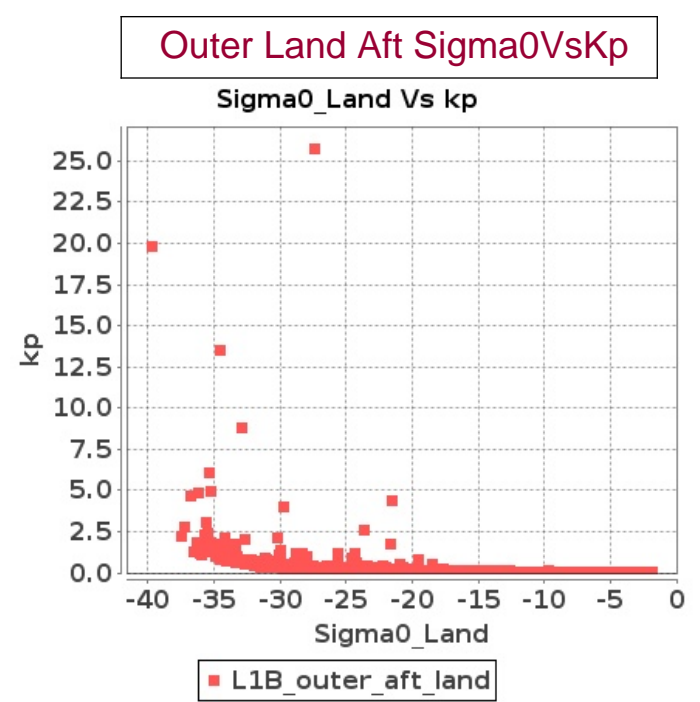
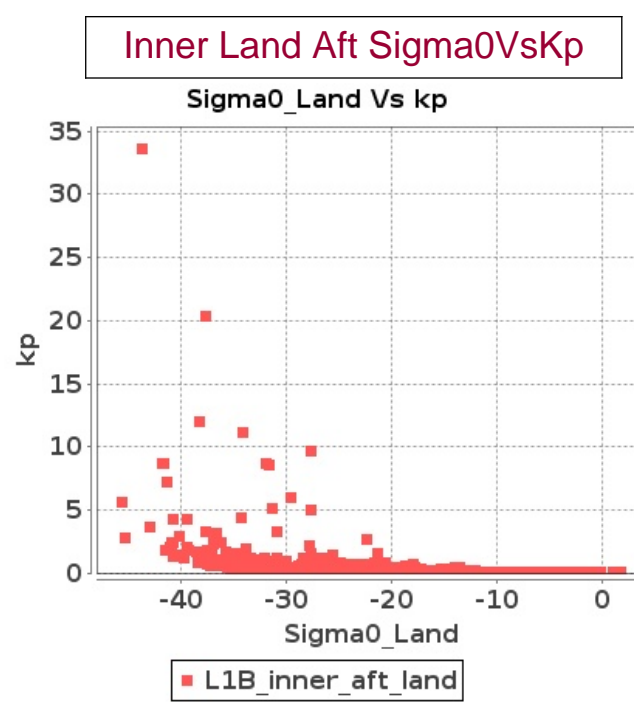
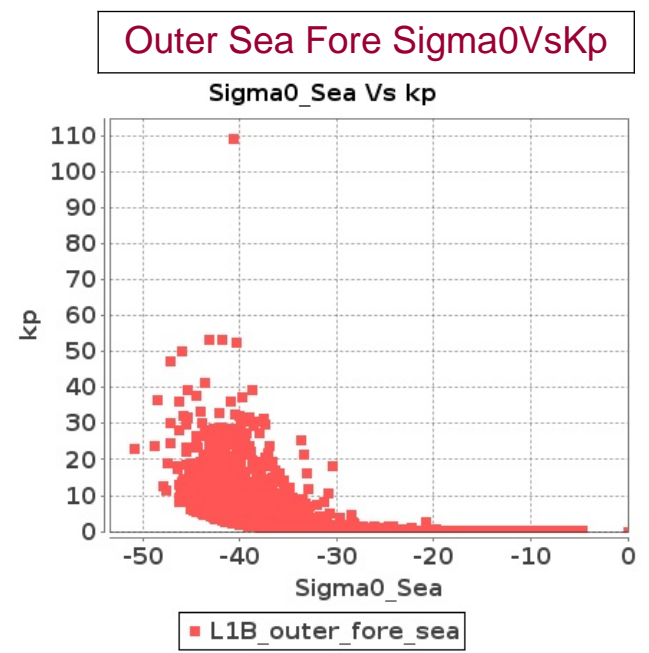
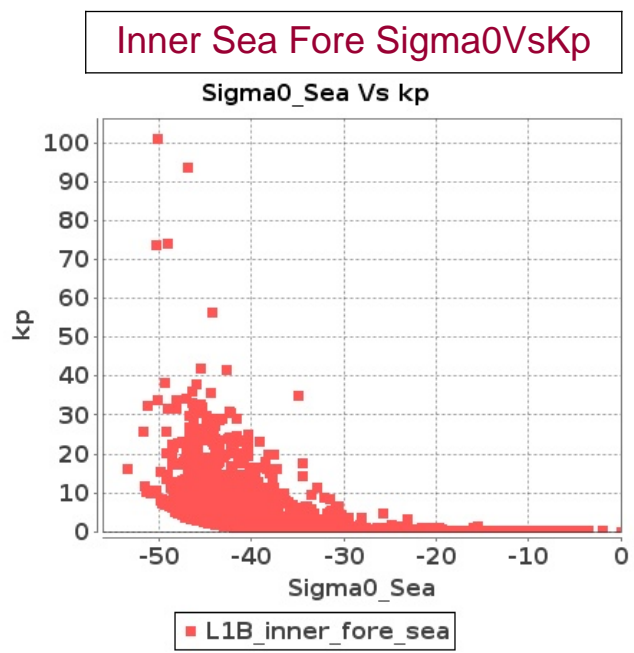
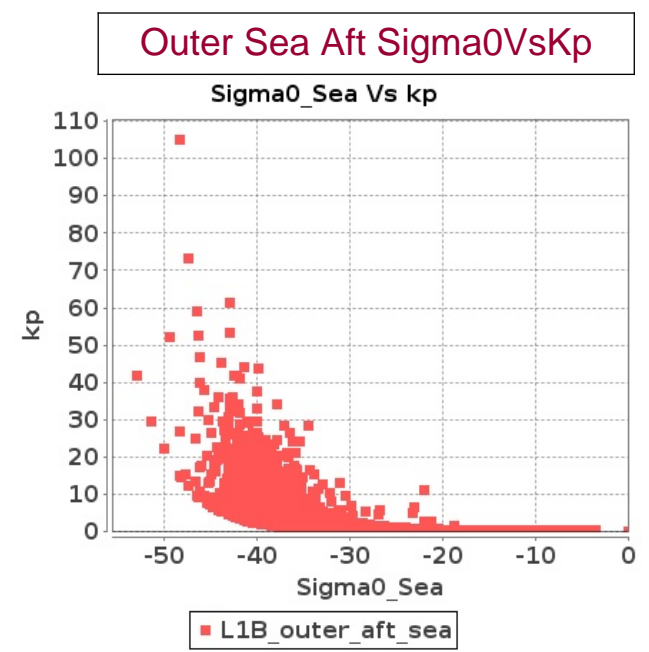
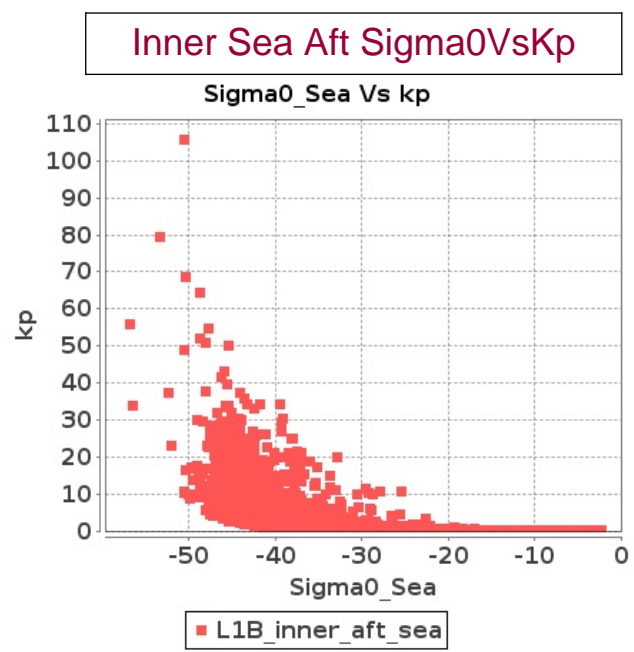


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 27-APR-2019 To 28-APR-2019





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

Report between 27-APR-2019 To 28-APR-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	13670	13671	SN	1	48.896	49.456	0.0	0.0	47.164	1.506	1054.584	1076.96	0.0	-91.76	-90.078	0.0
2	13671	13672	NS	1	48.691	49.373	0.0	0.0	264.985	2.714	1020.136	1070.912	15.893	-92.39	-89.746	0.0
3	13671	13672	SN	1	48.83	49.426	0.0	0.0	279.39	2.872	1054.216	1076.088	0.0	-92.124	-90.073	0.0
4	13671	13672	SN	1	48.83	49.453	0.0	0.0	279.39	2.598	1055.12	1076.088	0.0	-91.744	-90.073	0.0
5	13672	13673	NS	1	48.664	49.286	0.0	0.003	6.254	2.516	1020.464	1071.176	16.536	-92.522	-89.749	0.0
6	13672	13673	SN	1	48.836	49.46	0.0	0.0	236.742	2.394	1054.376	1076.216	0.0	-91.706	-90.095	0.0
7	13672	13673	SN	1	48.836	49.46	0.0	0.0	236.742	2.393	1054.376	1076.216	0.0	-91.706	-90.095	0.0
8	13673	13674	SN	1	48.838	49.461	0.0	0.0	226.451	2.708	1054.848	1076.192	0.0	-91.787	-90.095	0.0
9	13673	13674	NS	1	48.632	49.371	0.0	0.003	150.626	2.565	1019.032	1071.176	16.156	-93.93	-89.761	0.0
10	13674	13675	NS	1	48.643	49.286	0.0	0.0	118.964	2.742	1020.928	1071.136	16.769	-91.481	-89.72	0.0
11	13674	13675	SN	1	48.851	49.474	0.0	0.0	274.862	2.475	1053.856	1076.8	0.0	-91.759	-90.094	0.0
12	13675	13676	SN	1	48.831	49.476	0.0	0.003	29.205	2.074	1054.696	1076.144	0.0	-91.66	-90.096	0.0
13	13675	13676	NS	1	48.638	49.322	0.0	0.0	210.149	2.616	1020.368	1071.144	17.28	-91.578	-89.757	0.0
14	13676	13677	SN	1	48.896	49.428	0.0	0.003	5.631	2.431	1054.704	1076.208	0.0	-91.788	-90.09	0.0
15	13676	13677	NS	2	48.69	49.324	0.0	0.0	210.954	2.828	1019.664	1071.072	17.248	-91.532	-89.755	0.0
16	13676	13677	SN	1	48.896	49.428	0.0	0.003	5.57	1.63	1054.704	1076.208	0.0	-91.788	-90.09	0.0
17	13676	13677	NS	1	48.69	49.324	0.0	0.0	44.412	2.837	1019.656	1071.064	17.304	-91.532	-89.755	0.0
18	13676	13677	SN	1	48.896	49.428	0.0	0.003	5.57	1.641	1054.704	1076.208	0.0	-91.788	-90.09	0.0
19	13677	13678	SN	1	48.868	49.427	0.0	0.0	91.852	2.856	1054.312	1076.432	0.0	-91.704	-90.09	0.0
20	13677	13678	NS	1	48.622	49.32	0.0	0.003	210.8	2.648	1017.856	1071.24	17.982	-91.561	-89.753	0.0
21	13678	13679	SN	1	48.837	49.537	0.0	0.003	213.739	2.531	1054.36	1076.584	0.0	-93.898	-90.064	0.0
22	13678	13679	NS	1	48.623	49.318	0.0	0.003	6.254	2.578	1020.488	1071.376	18.502	-91.559	-89.716	0.0
23	13679	13680	SN	1	48.887	49.45	0.0	0.003	6.238	2.547	1054.392	1076.632	0.0	-91.745	-90.103	0.0
24	13679	13680	NS	1	48.65	49.288	0.0	0.0	267.792	2.539	1019.944	1070.272	19.05	-91.594	-89.75	0.0
25	13680	13681	NS	1	48.644	49.283	0.0	0.003	206.939	2.805	1019.56	1071.4	19.161	-91.542	-89.756	0.0
26	13680	13681	NS	1	48.644	49.283	0.0	0.003	206.939	2.808	1019.984	1071.4	19.075	-91.542	-89.756	0.0
27	13680	13681	SN	1	48.881	49.431	0.0	0.0	280.758	2.894	1054.856	1076.632	0.0	-91.674	-90.083	0.0
28	13680	13681	SN	2	48.881	49.431	0.0	0.0	280.758	2.894	1054.856	1076.632	0.0	-91.674	-90.083	0.0
29	13681	13682	NS	1	48.624	49.281	0.0	0.003	267.522	2.417	1020.36	1071.544	19.275	-92.145	-89.755	0.0
30	13681	13682	SN	2	48.839	49.431	0.0	0.0	255.482	2.634	1055.392	1076.768	0.0	-92.112	-90.09	0.0
31	13681	13682	SN	1	48.839	49.431	0.0	0.0	255.482	2.643	1055.392	1076.768	0.0	-92.112	-90.09	0.0
32	13681	13682	NS	1	48.624	49.281	0.0	0.003	267.522	2.415	1020.36	1071.544	19.253	-92.145	-89.755	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	13682	13683	NS	1	48.62	49.298	0.0	0.0	267.792	2.2	1019.304	1069.656	20.555	-91.635	-89.753	0.0
34	13682	13683	NS	1	48.62	49.298	0.0	0.0	267.792	1.819	1019.304	1067.792	21.12	-91.484	-89.753	0.0
35	13682	13683	SN	1	48.773	49.431	0.0	0.0	215.135	2.714	1054.688	1076.864	0.0	-92.652	-90.1	0.0
36	13682	13683	SN	1	48.773	49.431	0.0	0.0	215.135	2.72	1054.688	1076.864	0.0	-92.652	-90.1	0.0
37	13682	13683	NS	1	48.62	49.298	0.0	0.0	267.792	2.198	1019.304	1069.656	20.532	-91.484	-89.753	0.0
38	13683	13684	SN	1	48.742	49.561	0.0	0.003	50.109	2.441	1055.104	1077.456	0.0	-94.401	-90.103	0.0
39	13683	13684	SN	1	48.742	49.561	0.0	0.003	50.109	2.441	1055.104	1077.456	0.0	-94.401	-90.103	0.0
40	13683	13684	NS	2	48.58	49.312	0.0	0.003	220.435	2.639	1019.272	1071.816	19.847	-94.022	-89.751	0.0
41	13683	13684	NS	1	48.58	49.312	0.0	0.003	220.435	2.643	1019.272	1071.816	19.875	-94.022	-89.751	0.0
42	13684	13685	SN	1	48.845	49.456	0.0	0.003	6.215	1.567	1055.208	1077.2	0.0	-91.703	-90.106	0.0
43	13684	13685	NS	1	48.625	49.329	0.0	0.0	173.491	2.641	1017.8	1070.496	19.258	-91.575	-89.723	0.0
44	13684	13685	SN	1	48.845	49.456	0.0	0.0	223.335	2.791	1055.208	1077.2	0.0	-91.703	-90.106	0.0
45	13684	13685	NS	2	48.625	49.329	0.0	0.0	173.491	2.636	1017.8	1070.496	19.225	-91.575	-89.723	0.0
46	13684	13685	SN	1	48.9	49.438	0.0	0.0	223.335	2.788	1055.672	1077.2	0.0	-91.697	-90.106	0.0
47	13685	13686	SN	2	48.87	49.488	0.0	0.0	279.528	2.633	1054.744	1077.096	0.0	-91.749	-90.052	0.0
48	13685	13686	SN	1	48.87	49.488	0.0	0.0	279.528	2.633	1054.744	1077.096	0.0	-91.749	-90.052	0.0
49	13685	13686	NS	1	48.624	49.28	0.0	0.0	216.519	3.226	1019.12	1071.776	17.801	-91.559	-89.748	0.0
50	13685	13686	NS	1	48.624	49.28	0.0	0.0	216.519	3.246	1019.12	1071.776	17.909	-91.522	-89.748	0.0
51	13686	13687	NS	1	48.656	49.286	0.0	0.0	267.378	2.797	1019.632	1072.032	18.164	-91.334	-89.753	0.0
52	13686	13687	SN	1	48.846	49.433	0.0	0.003	5.675	2.371	1054.432	1077.248	0.0	-91.676	-90.097	0.0
53	13686	13687	NS	1	48.656	49.286	0.0	0.0	267.378	2.794	1019.632	1072.032	18.141	-91.318	-89.753	0.0
54	13686	13687	SN	2	48.843	49.442	0.0	0.003	5.675	2.371	1054.432	1077.256	0.0	-91.676	-90.097	0.0
55	13687	13688	SN	1	48.848	49.433	0.0	0.003	279.848	2.304	1054.544	1077.424	0.0	-91.718	-90.102	0.0
56	13687	13688	SN	1	48.848	49.433	0.0	0.003	279.848	2.496	1054.544	1077.424	0.0	-91.718	-90.102	0.0
57	13687	13688	NS	1	48.673	49.279	0.0	0.0	264.273	3.341	1019.344	1072.184	17.486	-91.912	-89.747	0.0
58	13688	13689	NS	1	48.687	49.279	0.0	0.003	265.178	2.236	1019.408	1072.136	18.558	-91.478	-89.744	0.0
59	13688	13689	SN	2	48.902	49.443	0.0	0.0	215.046	1.85	1054.76	1077.208	0.0	-91.747	-90.088	0.0
60	13688	13689	SN	1	48.902	49.443	0.0	0.0	215.046	1.852	1054.76	1077.208	0.0	-91.747	-90.088	0.0
61	13688	13689	NS	1	48.687	49.279	0.0	0.003	265.178	2.224	1019.352	1072.136	18.573	-91.462	-89.744	0.0
62	13689	13690	NS	2	48.665	49.475	0.0	0.003	16.291	2.665	1020.304	1072.064	19.078	-92.289	-89.748	0.0
63	13689	13690	SN	1	48.891	49.433	0.0	0.003	6.226	2.517	1055.272	1077.24	0.0	-91.668	-90.102	0.0
64	13689	13690	SN	2	48.891	49.433	0.0	0.003	6.226	2.516	1055.272	1077.24	0.0	-91.668	-90.102	0.0
65	13689	13690	SN	1	48.885	49.482	0.0	0.003	6.226	2.519	1054.992	1077.24	0.0	-91.634	-90.102	0.0
66	13689	13690	NS	1	48.665	49.475	0.0	0.003	16.291	2.665	1020.304	1072.064	19.077	-92.289	-89.748	0.0
67	13690	13691	NS	2	48.627	49.372	0.0	0.0	267.626	2.795	1018.384	1071.752	19.488	-92.086	-89.753	0.0
68	13690	13691	SN	1	48.867	49.433	0.0	0.003	116.62	2.575	1054.912	1077.2	0.0	-91.664	-90.101	0.0
69	13690	13691	SN	1	48.847	49.446	0.0	0.003	116.62	2.571	1054.912	1077.2	0.0	-92.294	-90.101	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	13690	13691	NS	3	48.627	49.372	0.0	0.0	267.626	2.787	1018.384	1071.752	19.432	-92.086	-89.753	0.0
71	13690	13691	SN	2	48.847	49.446	0.0	0.003	116.62	2.561	1054.912	1077.2	0.0	-92.294	-90.101	0.0
72	13690	13691	SN	1	48.867	49.433	0.0	0.003	116.62	1.882	1054.912	1077.2	0.0	-91.664	-90.101	0.0
73	13690	13691	NS	1	48.627	49.372	0.0	0.0	267.626	2.795	1018.384	1071.752	19.488	-92.086	-89.753	0.0
74	13691	13692	SN	1	48.904	49.435	0.0	0.003	6.072	2.613	1054.64	1077.392	0.0	-91.612	-90.069	0.0
75	13691	13692	NS	1	48.633	49.326	0.0	0.003	39.62	2.52	1019.272	1072.152	19.789	-91.563	-89.751	0.0
76	13691	13692	NS	1	48.634	49.326	0.0	0.003	39.62	2.514	1019.288	1072.12	19.746	-91.563	-89.751	0.0
77	13691	13692	NS	2	48.634	49.326	0.0	0.003	39.62	2.514	1019.288	1072.12	19.746	-91.563	-89.751	0.0
78	13691	13692	SN	1	48.9	49.435	0.0	0.003	6.056	1.583	1054.64	1077.392	0.0	-91.611	-90.069	0.0
79	13691	13692	SN	2	48.904	49.435	0.0	0.003	6.072	2.603	1054.64	1077.392	0.0	-91.612	-90.069	0.0
80	13691	13692	SN	1	48.9	49.435	0.0	0.003	6.072	2.616	1054.64	1077.392	0.0	-91.611	-90.069	0.0
81	13692	13693	NS	2	48.415	49.321	0.0	0.0	265.117	3.052	1019.904	1072.328	19.267	-92.709	-89.745	0.0
82	13692	13693	SN	3	48.72	49.617	0.0	0.0	66.715	1.865	1051.128	1077.616	0.0	-93.92	-90.084	0.0
83	13692	13693	SN	1	48.72	49.617	0.0	0.0	58.459	1.192	1051.128	1077.616	0.0	-93.92	-90.084	0.0
84	13692	13693	NS	1	48.414	49.321	0.0	0.0	265.117	3.058	1019.896	1072.36	19.296	-92.709	-89.745	0.0
85	13692	13693	SN	2	48.72	49.617	0.0	0.0	66.715	1.865	1051.128	1077.616	0.0	-93.92	-90.084	0.0
86	13692	13693	SN	1	48.72	49.617	0.0	0.0	66.715	1.865	1051.128	1077.616	0.0	-93.92	-90.084	0.0
87	13692	13693	NS	1	48.415	49.321	0.0	0.0	265.117	3.053	1019.904	1072.328	19.277	-92.709	-89.745	0.0
88	13693	13694	NS	1	48.629	49.305	0.0	0.0	216.58	3.24	1019.528	1072.432	20.481	-94.509	-89.729	0.0
89	13693	13694	SN	1	48.817	49.57	0.0	0.0	183.556	2.112	1053.92	1077.96	0.0	-94.071	-90.075	0.0
90	13693	13694	SN	1	48.817	49.57	0.0	0.0	183.556	1.758	1053.92	1077.96	0.0	-94.071	-90.075	0.0
91	13694	13695	NS	1	48.667	49.276	0.0	0.0	267.516	2.664	1019.672	1072.352	20.864	-91.551	-89.749	0.0
92	13694	13695	SN	1	48.895	49.45	0.0	0.003	280.289	2.452	1054.472	1077.648	0.0	-92.107	-90.111	0.0
93	13694	13695	NS	2	48.667	49.276	0.0	0.0	267.516	2.664	1019.672	1072.352	20.864	-91.551	-89.749	0.0
94	13694	13695	SN	1	48.895	49.45	0.0	0.003	280.289	2.344	1054.576	1077.648	0.0	-92.107	-90.111	0.0
95	13695	13696	NS	1	48.622	49.276	0.0	0.003	206.752	2.615	1019.312	1072.496	20.675	-91.362	-89.747	0.0
96	13695	13696	SN	1	48.906	49.593	0.0	0.0	280.708	2.98	1055.664	1078.112	0.0	-94.508	-90.065	0.0
97	13695	13696	NS	1	48.622	49.276	0.0	0.003	206.752	2.427	1019.312	1071.032	21.032	-91.362	-89.747	0.0
98	13695	13696	SN	1	48.906	49.593	0.0	0.0	280.708	2.978	1055.664	1078.112	0.0	-94.508	-90.065	0.0
99	13695	13696	NS	2	48.622	49.276	0.0	0.003	206.752	2.615	1019.312	1072.496	20.675	-91.362	-89.747	0.0
100	13696	13697	SN	1	48.598	49.628	0.0	0.0	261.113	3.043	1055.424	1077.896	0.0	-93.381	-90.082	0.0
101	13696	13697	NS	2	48.622	49.295	0.0	0.0	91.968	2.577	1019.72	1071.32	21.437	-91.445	-89.747	0.0
102	13696	13697	NS	1	48.622	49.295	0.0	0.0	91.968	2.335	1019.72	1069.808	21.846	-91.5	-89.747	0.0
103	13696	13697	SN	1	48.598	49.628	0.0	0.0	261.113	3.052	1055.424	1077.896	0.0	-93.381	-90.082	0.0
104	13696	13697	NS	1	48.622	49.295	0.0	0.0	91.968	2.577	1019.72	1071.328	21.437	-91.445	-89.747	0.0
105	13697	13698	NS	1	48.623	49.278	0.0	0.0	267.792	1.656	1018.168	1067.776	23.474	-91.459	-89.745	0.0
106	13697	13698	SN	1	48.886	49.458	0.0	0.0	215.074	2.718	1054.824	1078.032	0.0	-91.792	-90.103	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	13697	13698	SN	1	48.881	49.495	0.0	0.0	215.074	2.711	1054.944	1078.032	0.0	-91.776	-90.103	0.0
108	13697	13698	NS	2	48.623	49.278	0.0	0.0	267.792	2.342	1018.168	1071.208	22.309	-91.464	-89.745	0.0
109	13697	13698	NS	1	48.623	49.278	0.0	0.0	267.792	2.34	1018.168	1071.216	22.305	-91.464	-89.745	0.0
110	13698	13699	NS	1	48.655	49.273	0.0	0.003	206.746	2.531	1018.808	1072.848	21.028	-91.616	-89.74	0.0
111	13698	13699	SN	1	48.873	49.484	0.0	0.003	279.776	1.53	1055.368	1078.208	0.0	-92.12	-90.109	0.0
112	13698	13699	NS	1	48.655	49.273	0.0	0.003	206.746	2.531	1018.808	1072.856	21.028	-91.616	-89.74	0.0
113	13698	13699	SN	1	48.873	49.484	0.0	0.003	279.776	2.668	1055.368	1078.208	0.0	-92.12	-90.109	0.0
114	13698	13699	SN	2	48.883	49.459	0.0	0.003	215.195	2.667	1055.376	1078.2	0.0	-92.12	-90.109	0.0
115	13698	13699	NS	1	48.655	49.273	0.0	0.003	206.746	1.447	1018.808	1063.232	23.952	-91.526	-89.74	0.0
116	13699	13700	NS	2	48.626	49.275	0.0	0.003	264.797	2.708	1018.432	1072.872	20.233	-91.621	-89.74	0.0
117	13699	13700	NS	1	48.67	49.301	0.0	0.003	264.797	2.722	1018.632	1072.872	20.226	-91.621	-89.74	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	13698	13699	NS	1	-34.688	26.525	1.137	-32.006	27.333	0.105	7.198	31.692	21.32	8.504	29.927	32.768	0.116	285.266	1.448	0.116	153.866	1.099	0.116	0.13	0.0	0.116	0.126	0.0
113	13698	13699	SN	1	-34.554	24.072	0.313	-34.238	25.735	1.68	7.946	29.109	35.052	8.956	30.365	39.137	0.116	276.576	5.889	0.116	257.226	4.67	0.116	0.128	0.0	0.116	0.125	0.0
114	13698	13699	SN	2	-34.554	24.07	0.313	-34.238	25.735	1.68	7.946	29.109	35.052	8.956	30.365	39.132	0.116	276.576	5.89	0.116	257.226	4.67	0.116	0.128	0.0	0.116	0.125	0.0
115	13698	13699	NS	1	-34.688	24.844	1.068	-32.006	27.339	0.105	7.387	31.692	4.872	8.504	27.396	4.937	0.116	285.266	1.395	0.116	153.866	1.098	0.116	0.13	0.0	0.116	0.126	0.0
116	13699	13700	NS	2	-34.79	26.65	1.193	-34.603	27.537	0.143	1.267	29.426	16.126	4.426	29.802	27.586	0.116	292.095	2.65	0.116	284.526	2.329	0.116	0.178	0.0	0.116	0.144	0.0
117	13699	13700	NS	1	-34.269	26.65	1.202	-32.898	27.537	0.143	1.269	29.426	16.126	4.426	29.803	27.586	0.116	259.03	2.643	0.116	188.965	2.326	0.116	0.178	0.0	0.116	0.144	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	13670	13671	SN	1	57.698	58.304	0.0	0.0	42.846	2.608	1237.664	1265.088	0.0	-93.173	-92.127	0.0
2	13671	13672	NS	1	57.416	58.304	0.0	0.0	285.28	3.89	1194.84	1257.424	33.284	-95.284	-91.799	0.0
3	13671	13672	SN	1	57.689	58.278	0.0	0.0	293.089	4.028	1236.792	1264.944	0.0	-93.653	-92.123	0.0
4	13671	13672	SN	1	57.695	58.291	0.0	0.0	293.089	3.506	1236.576	1264.944	0.0	-93.653	-92.123	0.0
5	13672	13673	NS	1	57.421	58.086	0.0	0.0	298.02	3.48	1195.832	1257.76	34.963	-94.428	-91.802	0.0
6	13672	13673	SN	1	57.692	58.276	0.0	0.0	282.285	3.016	1236.784	1265.096	0.0	-93.564	-92.148	0.0
7	13672	13673	SN	1	57.692	58.276	0.0	0.0	282.285	3.016	1236.784	1265.096	0.0	-93.564	-92.148	0.0
8	13673	13674	SN	1	57.668	58.321	0.0	0.0	290.867	3.808	1234.32	1267.712	0.0	-95.853	-92.148	0.0
9	13673	13674	NS	1	57.31	58.085	0.0	0.0	298.003	3.695	1191.552	1257.752	34.538	-94.571	-91.814	0.0
10	13674	13675	NS	1	57.444	58.085	0.0	0.0	291.06	3.836	1195.88	1257.712	36.082	-93.614	-91.78	0.0
11	13674	13675	SN	1	57.691	58.295	0.0	0.0	296.089	3.452	1237.2	1265.832	0.0	-93.71	-92.147	0.0
12	13675	13676	SN	1	57.684	58.277	0.0	0.003	23.047	2.815	1237.2	1265.016	0.0	-93.198	-92.148	0.0
13	13675	13676	NS	1	57.423	58.121	0.0	0.0	294.843	3.615	1195.752	1257.728	37.317	-93.443	-91.801	0.0
14	13676	13677	SN	1	57.709	58.278	0.0	0.003	297.777	3.114	1236.792	1265.096	0.0	-93.084	-92.128	0.0
15	13676	13677	NS	2	57.374	58.117	0.0	0.0	298.455	4.029	1195.144	1257.632	36.453	-94.849	-91.808	0.0
16	13676	13677	SN	1	57.709	58.278	0.0	0.003	297.777	2.469	1236.792	1265.096	0.0	-93.084	-92.128	0.0
17	13676	13677	NS	1	57.374	58.118	0.0	0.0	298.488	4.045	1195.136	1257.632	36.598	-94.849	-91.808	0.0
18	13676	13677	SN	1	57.709	58.278	0.0	0.003	297.777	2.486	1236.792	1265.096	0.0	-93.084	-92.128	0.0
19	13677	13678	SN	1	57.595	58.296	0.0	0.0	293.464	4.004	1236.808	1265.536	0.0	-95.576	-92.142	0.0
20	13677	13678	NS	1	57.42	58.105	0.0	0.0	284.982	3.772	1194.552	1257.832	35.887	-93.634	-91.806	0.0
21	13678	13679	SN	1	57.694	58.466	0.0	0.006	282.754	3.42	1236.896	1267.4	0.0	-95.82	-92.118	0.0
22	13678	13679	NS	1	57.404	58.09	0.0	0.0	297.843	3.704	1195.368	1258.0	37.039	-92.934	-91.763	0.0
23	13679	13680	SN	1	57.705	58.295	0.0	0.0	292.13	3.662	1236.952	1265.632	0.0	-93.097	-92.156	0.0
24	13679	13680	NS	1	57.408	58.086	0.0	0.0	288.523	3.269	1194.752	1256.528	37.512	-93.486	-91.803	0.0
25	13680	13681	NS	1	57.417	58.081	0.0	0.0	291.887	3.794	1194.584	1258.04	37.29	-93.568	-91.809	0.0
26	13680	13681	NS	1	57.417	58.081	0.0	0.0	291.887	3.799	1194.576	1258.04	37.225	-93.568	-91.809	0.0
27	13680	13681	SN	1	57.45	58.283	0.0	0.0	291.92	3.935	1234.128	1265.64	0.0	-95.04	-92.131	0.0
28	13680	13681	SN	2	57.45	58.283	0.0	0.0	291.92	3.934	1234.128	1265.64	0.0	-95.04	-92.131	0.0
29	13681	13682	NS	1	57.408	58.079	0.0	0.0	297.424	3.334	1194.96	1258.216	37.236	-92.921	-91.808	0.0
30	13681	13682	SN	2	57.703	58.298	0.0	0.0	295.709	3.484	1237.76	1265.8	0.0	-93.715	-92.136	0.0
31	13681	13682	SN	1	57.703	58.298	0.0	0.0	295.709	3.495	1237.76	1265.8	0.0	-93.715	-92.136	0.0
32	13681	13682	NS	1	57.408	58.079	0.0	0.0	297.424	3.33	1194.96	1258.216	37.298	-92.842	-91.808	0.0
33	13682	13683	NS	1	57.384	58.089	0.0	0.0	268.42	2.999	1194.176	1255.72	39.134	-94.649	-91.806	0.0
34	13682	13683	NS	1	57.384	58.089	0.0	0.0	268.42	2.738	1194.176	1253.816	40.202	-94.649	-91.806	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	13682	13683	SN	1	57.452	58.296	0.0	0.0	291.782	3.83	1237.792	1265.928	0.0	-95.084	-92.151	0.0
36	13682	13683	SN	1	57.452	58.296	0.0	0.0	291.782	3.831	1237.792	1265.928	0.0	-95.084	-92.151	0.0
37	13682	13683	NS	1	57.384	58.089	0.0	0.0	268.42	2.993	1194.176	1255.72	39.05	-94.649	-91.806	0.0
38	13683	13684	SN	1	57.431	58.39	0.0	0.0	288.854	3.317	1236.44	1266.264	0.0	-95.612	-92.156	0.0
39	13683	13684	SN	1	57.431	58.39	0.0	0.0	288.854	3.318	1236.44	1266.264	0.0	-95.612	-92.156	0.0
40	13683	13684	NS	2	57.316	58.094	0.0	0.0	286.344	3.772	1194.368	1258.552	37.102	-93.999	-91.803	0.0
41	13683	13684	NS	1	57.316	58.094	0.0	0.0	286.344	3.776	1194.368	1258.552	37.143	-93.999	-91.803	0.0
42	13684	13685	SN	1	57.721	58.323	0.0	0.0	293.591	2.394	1238.024	1266.312	0.0	-93.073	-92.157	0.0
43	13684	13685	NS	1	57.266	58.092	0.0	0.0	291.54	3.446	1188.936	1256.8	37.77	-95.074	-91.773	0.0
44	13684	13685	SN	1	57.721	58.323	0.0	0.0	293.591	3.885	1238.024	1266.312	0.0	-93.073	-92.157	0.0
45	13684	13685	NS	2	57.266	58.092	0.0	0.0	291.54	3.435	1188.936	1256.8	37.65	-95.074	-91.773	0.0
46	13684	13685	SN	1	57.715	58.297	0.0	0.0	293.591	3.881	1237.6	1266.312	0.0	-93.076	-92.157	0.0
47	13685	13686	SN	2	57.717	58.303	0.0	0.0	298.102	3.341	1237.2	1266.192	0.0	-93.657	-92.107	0.0
48	13685	13686	SN	1	57.717	58.303	0.0	0.0	298.102	3.342	1237.2	1266.192	0.0	-93.657	-92.107	0.0
49	13685	13686	NS	1	57.405	58.076	0.0	0.0	291.424	4.434	1194.064	1258.504	33.538	-93.634	-91.788	0.0
50	13685	13686	NS	1	57.405	58.076	0.0	0.0	291.424	4.453	1194.064	1258.504	33.681	-93.634	-91.788	0.0
51	13686	13687	NS	1	57.437	58.078	0.0	0.0	292.968	3.944	1194.312	1258.816	35.571	-93.669	-91.795	0.0
52	13686	13687	SN	1	57.701	58.292	0.0	0.003	281.094	3.102	1237.12	1266.68	0.0	-93.018	-92.148	0.0
53	13686	13687	NS	1	57.437	58.078	0.0	0.0	292.968	3.94	1194.312	1258.816	35.529	-93.669	-91.795	0.0
54	13686	13687	SN	2	57.702	58.292	0.0	0.003	281.094	3.103	1237.112	1266.688	0.0	-93.018	-92.148	0.0
55	13687	13688	SN	1	57.699	58.316	0.0	0.003	296.707	3.047	1237.136	1266.992	0.0	-93.751	-92.154	0.0
56	13687	13688	SN	1	57.699	58.316	0.0	0.0	296.707	3.468	1237.136	1266.992	0.0	-93.751	-92.154	0.0
57	13687	13688	NS	1	57.345	58.109	0.0	0.0	297.132	4.401	1192.792	1259.008	35.104	-95.107	-91.803	0.0
58	13688	13689	NS	1	57.414	58.094	0.0	0.0	289.135	3.306	1194.464	1258.944	36.038	-92.994	-91.799	0.0
59	13688	13689	SN	2	57.729	58.3	0.0	0.0	242.936	2.742	1237.568	1266.424	0.0	-95.154	-92.136	0.0
60	13688	13689	SN	1	57.729	58.3	0.0	0.0	242.936	2.743	1237.568	1266.424	0.0	-95.154	-92.136	0.0
61	13688	13689	NS	1	57.408	58.074	0.0	0.0	289.135	3.292	1194.456	1258.944	36.068	-92.935	-91.799	0.0
62	13689	13690	NS	2	57.416	58.098	0.0	0.0	287.9	3.796	1195.128	1258.856	37.11	-93.594	-91.8	0.0
63	13689	13690	SN	1	57.712	58.286	0.0	0.0	298.808	3.592	1237.64	1266.376	0.0	-93.011	-92.154	0.0
64	13689	13690	SN	2	57.712	58.286	0.0	0.0	298.808	3.59	1237.64	1266.376	0.0	-93.011	-92.154	0.0
65	13689	13690	SN	1	57.708	58.286	0.0	0.0	298.808	3.586	1237.64	1266.376	0.0	-93.011	-92.154	0.0
66	13689	13690	NS	1	57.416	58.098	0.0	0.0	287.9	3.796	1195.128	1258.856	37.11	-93.594	-91.8	0.0
67	13690	13691	NS	2	57.428	58.176	0.0	0.0	297.435	3.902	1194.264	1258.456	38.385	-93.524	-91.804	0.0
68	13690	13691	SN	1	57.728	58.285	0.0	0.003	288.727	3.281	1237.704	1266.32	0.0	-93.652	-92.154	0.0
69	13690	13691	SN	1	57.693	58.285	0.0	0.003	288.776	3.279	1237.48	1266.32	0.0	-93.652	-92.154	0.0
70	13690	13691	NS	3	57.428	58.176	0.0	0.0	297.435	3.899	1194.264	1258.456	38.355	-93.524	-91.804	0.0
71	13690	13691	SN	2	57.693	58.285	0.0	0.003	288.776	3.264	1237.48	1266.32	0.0	-93.652	-92.154	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	13690	13691	SN	1	57.728	58.285	0.0	0.003	260.126	2.691	1237.704	1266.32	0.0	-93.652	-92.154	0.0
73	13690	13691	NS	1	57.428	58.176	0.0	0.0	297.435	3.902	1194.264	1258.456	38.385	-93.524	-91.804	0.0
74	13691	13692	SN	1	57.59	58.288	0.0	0.0	293.089	3.663	1237.488	1266.56	0.0	-93.433	-92.124	0.0
75	13691	13692	NS	1	57.411	58.105	0.0	0.0	294.209	3.653	1194.12	1258.968	37.751	-92.922	-91.803	0.0
76	13691	13692	NS	1	57.411	58.104	0.0	0.003	294.308	3.651	1194.136	1258.928	37.699	-92.923	-91.803	0.0
77	13691	13692	NS	2	57.411	58.104	0.0	0.003	294.308	3.65	1194.136	1258.928	37.692	-92.923	-91.803	0.0
78	13691	13692	SN	1	57.714	58.288	0.0	0.0	293.089	2.548	1237.224	1266.56	0.0	-93.067	-92.124	0.0
79	13691	13692	SN	2	57.59	58.288	0.0	0.0	293.089	3.649	1237.488	1266.56	0.0	-93.433	-92.124	0.0
80	13691	13692	SN	1	57.59	58.288	0.0	0.0	293.089	3.667	1237.224	1266.56	0.0	-93.433	-92.124	0.0
81	13692	13693	NS	2	57.4	58.449	0.0	0.0	294.016	4.304	1194.136	1259.192	35.939	-95.664	-91.798	0.0
82	13692	13693	SN	3	57.605	58.361	0.0	0.0	59.546	2.835	1233.296	1266.84	0.0	-94.822	-92.132	0.0
83	13692	13693	SN	1	57.605	58.361	0.0	0.0	58.961	1.848	1233.296	1266.84	0.0	-94.822	-92.132	0.0
84	13692	13693	NS	1	57.399	58.449	0.0	0.0	293.994	4.316	1194.112	1259.232	36.046	-95.664	-91.797	0.0
85	13692	13693	SN	2	57.605	58.361	0.0	0.0	59.546	2.835	1233.296	1266.84	0.0	-94.822	-92.132	0.0
86	13692	13693	SN	1	57.605	58.361	0.0	0.0	59.546	2.835	1233.296	1266.84	0.0	-94.822	-92.132	0.0
87	13692	13693	NS	1	57.4	58.449	0.0	0.0	294.016	4.311	1194.136	1259.192	36.004	-95.664	-91.798	0.0
88	13693	13694	NS	1	57.401	58.15	0.0	0.0	297.887	4.542	1194.72	1259.328	39.006	-94.411	-91.756	0.0
89	13693	13694	SN	1	57.573	58.317	0.0	0.0	180.098	2.943	1233.952	1266.928	0.0	-94.873	-92.124	0.0
90	13693	13694	SN	1	57.573	58.317	0.0	0.0	180.098	2.727	1233.952	1266.928	0.0	-94.873	-92.124	0.0
91	13694	13695	NS	1	57.415	58.073	0.0	0.0	295.703	3.833	1193.992	1259.224	38.67	-94.611	-91.801	0.0
92	13694	13695	SN	1	57.476	58.308	0.0	0.003	297.882	3.353	1236.176	1267.008	0.0	-95.156	-92.161	0.0
93	13694	13695	NS	2	57.415	58.073	0.0	0.0	295.703	3.833	1193.992	1259.224	38.67	-94.611	-91.801	0.0
94	13694	13695	SN	1	57.476	58.308	0.0	0.003	297.882	3.018	1236.176	1267.008	0.0	-95.156	-92.161	0.0
95	13695	13696	NS	1	57.402	58.072	0.0	0.0	299.459	3.77	1194.648	1259.4	37.983	-93.588	-91.8	0.0
96	13695	13696	SN	1	57.735	58.303	0.0	0.0	292.88	4.134	1237.928	1267.032	0.0	-93.589	-92.118	0.0
97	13695	13696	NS	1	57.402	58.072	0.0	0.0	299.459	3.273	1194.648	1257.464	38.643	-93.588	-91.8	0.0
98	13695	13696	SN	1	57.735	58.303	0.0	0.0	292.88	4.13	1237.928	1267.032	0.0	-93.589	-92.118	0.0
99	13695	13696	NS	2	57.402	58.072	0.0	0.0	299.459	3.77	1194.648	1259.4	37.983	-93.588	-91.8	0.0
100	13696	13697	SN	1	57.52	58.633	0.0	0.0	297.336	4.173	1237.824	1268.464	0.0	-95.981	-92.137	0.0
101	13696	13697	NS	2	57.41	58.085	0.0	0.0	285.148	3.261	1193.864	1257.832	38.711	-93.434	-91.799	0.0
102	13696	13697	NS	1	57.41	58.085	0.0	0.0	285.148	3.17	1193.864	1255.888	39.438	-93.434	-91.799	0.0
103	13696	13697	SN	1	57.52	58.633	0.0	0.0	297.336	4.187	1237.824	1268.464	0.0	-95.981	-92.137	0.0
104	13696	13697	NS	1	57.41	58.085	0.0	0.0	285.148	3.261	1193.864	1257.832	38.711	-93.434	-91.799	0.0
105	13697	13698	NS	1	57.345	58.067	0.0	0.0	298.433	2.438	1193.512	1253.968	41.712	-93.781	-91.797	0.0
106	13697	13698	SN	1	57.701	58.294	0.0	0.0	295.218	3.802	1237.6	1267.368	0.0	-93.651	-92.158	0.0
107	13697	13698	SN	1	57.709	58.324	0.0	0.0	295.218	3.793	1237.568	1267.528	0.0	-93.651	-92.158	0.0
108	13697	13698	NS	2	57.344	58.067	0.0	0.0	298.378	2.948	1193.512	1257.68	39.672	-93.781	-91.797	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	13697	13698	NS	1	57.345	58.067	0.0	0.0	298.433	2.948	1193.512	1257.68	39.667	-93.781	-91.797	0.0
110	13698	13699	NS	1	57.401	58.066	0.0	0.0	296.156	3.658	1193.96	1259.832	38.022	-92.962	-91.796	0.0
111	13698	13699	SN	1	57.713	58.333	0.0	0.0	295.571	2.48	1237.928	1267.592	0.0	-95.521	-92.162	0.0
112	13698	13699	NS	1	57.401	58.066	0.0	0.0	296.156	3.657	1193.96	1259.832	38.022	-92.962	-91.796	0.0
113	13698	13699	SN	1	57.713	58.333	0.0	0.0	295.571	3.783	1237.928	1267.592	0.0	-95.521	-92.162	0.0
114	13698	13699	SN	2	57.713	58.333	0.0	0.0	295.543	3.785	1237.936	1267.592	0.0	-95.521	-92.162	0.0
115	13698	13699	NS	1	57.401	58.066	0.0	0.003	296.156	1.953	1193.96	1248.864	43.387	-92.873	-91.796	0.0
116	13699	13700	NS	2	57.418	58.069	0.0	0.0	298.659	3.945	1193.304	1259.856	35.935	-93.622	-91.793	0.0
117	13699	13700	NS	1	57.4	58.067	0.0	0.0	298.659	3.979	1193.16	1259.856	35.925	-93.622	-91.793	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	13697	13698	SN	1	-34.668	23.246	0.001	-34.813	21.672	0.0	-26.059	23.642	0.718	-23.44	23.193	0.433	0.086	216.999	5.29	0.086	224.392	4.872	0.086	29.951	0.248	0.086	16.419	0.325
108	13697	13698	NS	2	-34.592	20.152	0.0	-34.199	17.336	0.0	1.586	22.375	0.04	1.929	24.264	3.041	0.086	213.304	2.535	0.087	194.841	2.523	0.086	0.128	0.0	0.086	0.125	0.0
109	13697	13698	NS	1	-34.592	20.152	0.0	-34.199	17.336	0.0	1.586	22.375	0.04	1.929	24.264	3.041	0.086	213.304	2.535	0.087	194.841	2.523	0.086	0.128	0.0	0.086	0.125	0.0
110	13698	13699	NS	1	-34.998	19.584	0.0	-33.09	19.743	0.0	1.838	23.49	1.589	2.895	24.271	2.569	0.086	234.093	0.894	0.086	150.955	0.743	0.086	0.126	0.0	0.086	0.117	0.0
111	13698	13699	SN	1	-34.993	16.651	0.0	-34.957	16.47	0.0	2.369	23.824	0.138	4.05	23.249	0.447	0.087	233.851	4.959	0.087	259.23	4.776	0.086	0.121	0.0	0.086	0.109	0.0
112	13698	13699	NS	1	-34.83	19.584	0.0	-33.09	19.743	0.0	1.838	23.49	1.589	2.895	24.271	2.572	0.086	225.268	0.894	0.086	150.955	0.743	0.086	0.126	0.0	0.086	0.117	0.0
113	13698	13699	SN	1	-34.993	17.966	0.0	-34.957	19.084	0.0	2.369	23.824	0.127	4.05	23.249	0.442	0.086	233.851	4.84	0.086	259.23	4.43	0.086	0.121	0.0	0.086	0.109	0.0
114	13698	13699	SN	2	-34.25	17.966	0.0	-34.854	19.084	0.0	2.369	23.824	0.127	4.05	23.249	0.442	0.086	197.114	4.84	0.086	259.23	4.43	0.086	0.121	0.0	0.086	0.109	0.0
115	13698	13699	NS	1	-34.524	18.473	0.0	-34.208	19.749	0.0	1.838	21.44	0.0	2.895	21.753	0.0	0.086	209.936	0.658	0.086	195.261	0.741	0.086	0.126	0.0	0.086	0.117	0.0
116	13699	13700	NS	2	-34.123	22.122	0.001	-34.454	21.159	0.0	1.368	23.804	0.577	2.192	23.869	1.137	0.086	191.492	2.266	0.086	206.653	2.168	0.086	0.131	0.0	0.086	0.123	0.0
117	13699	13700	NS	1	-34.26	22.122	0.001	-34.427	21.159	0.0	1.368	23.804	0.577	2.196	23.869	1.137	0.086	197.566	2.267	0.086	205.277	2.162	0.086	0.131	0.0	0.086	0.122	0.0

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