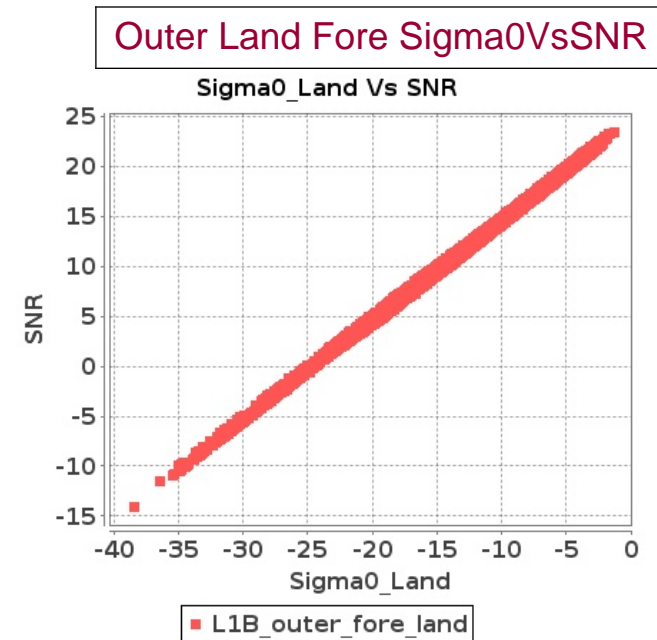
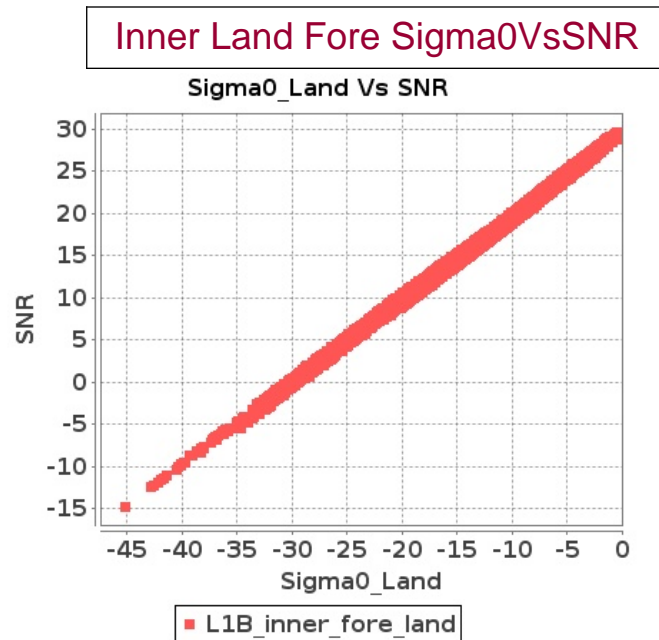
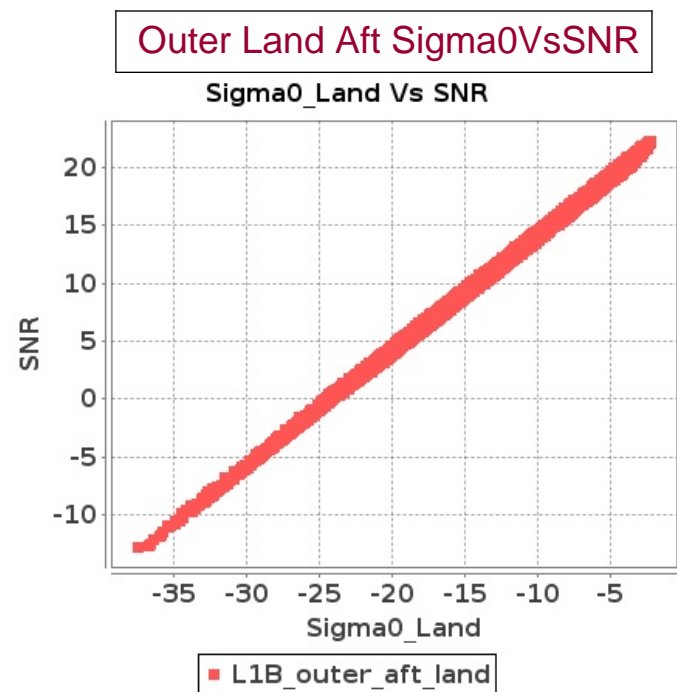
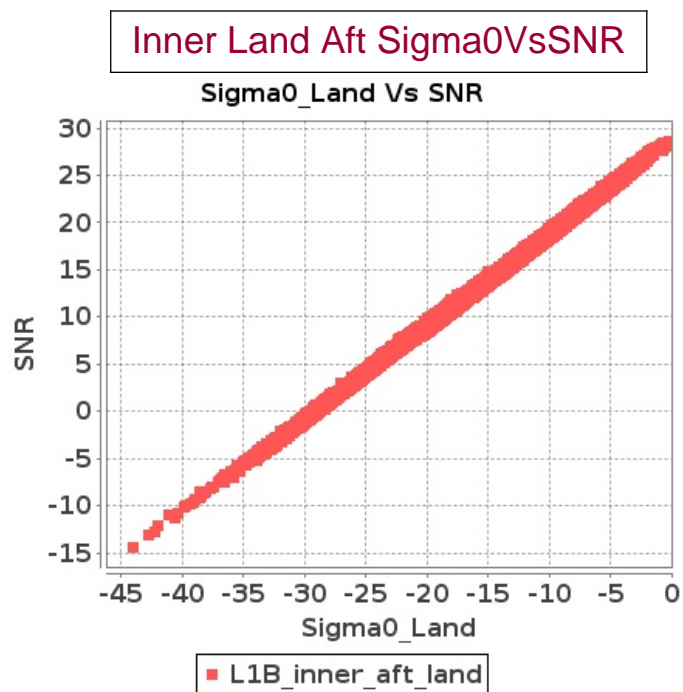
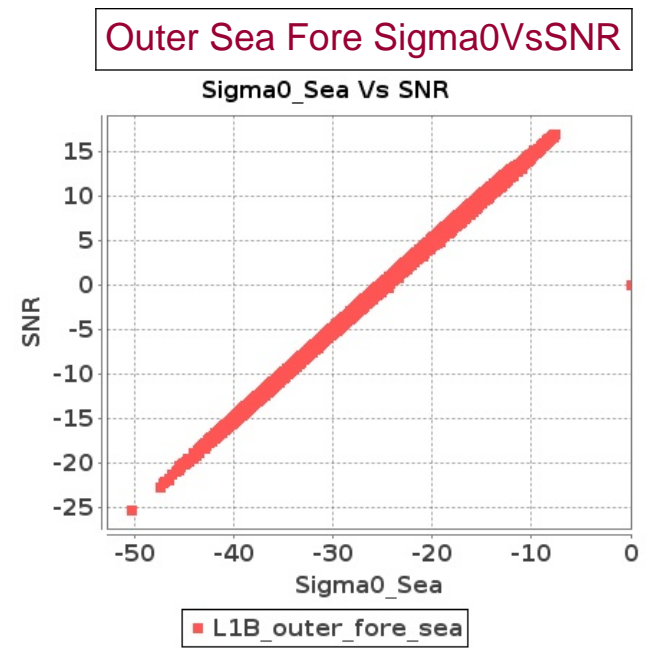
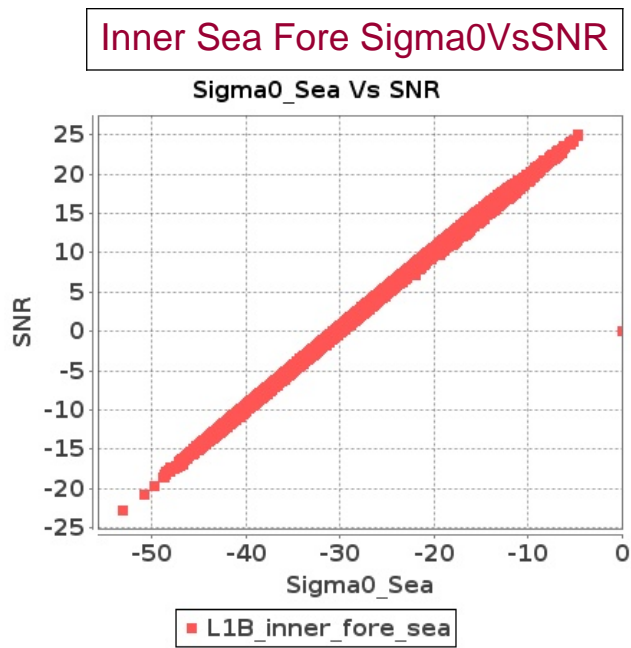
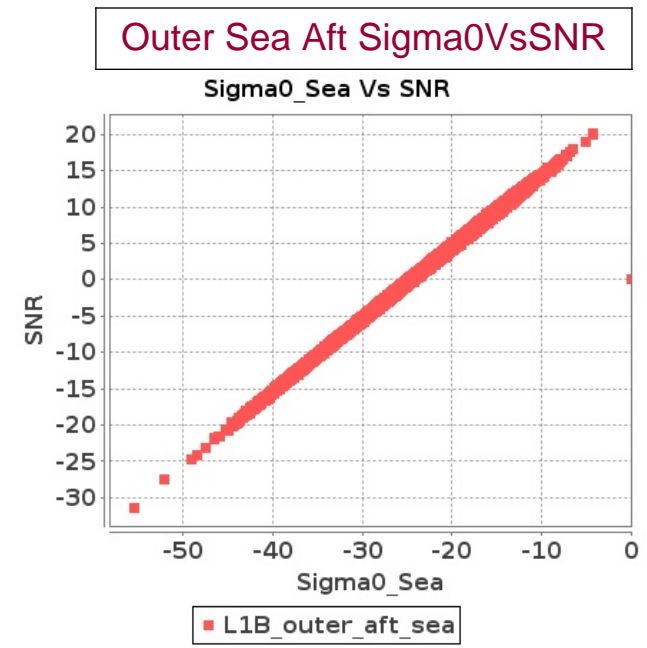
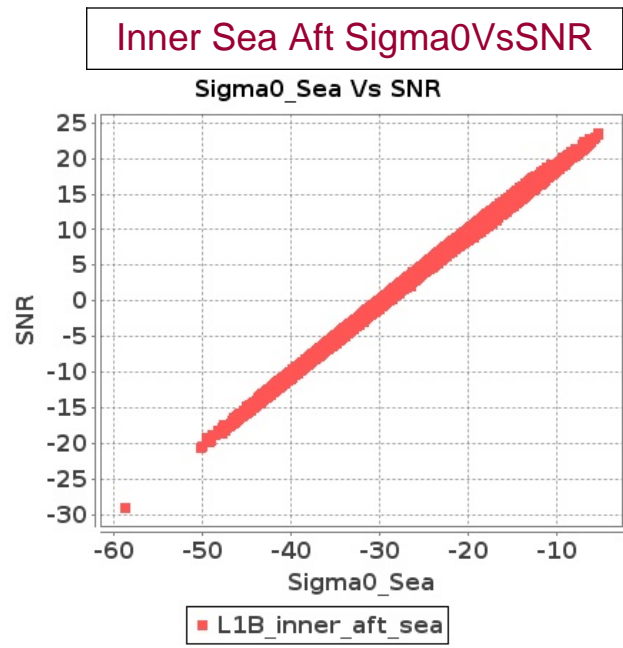
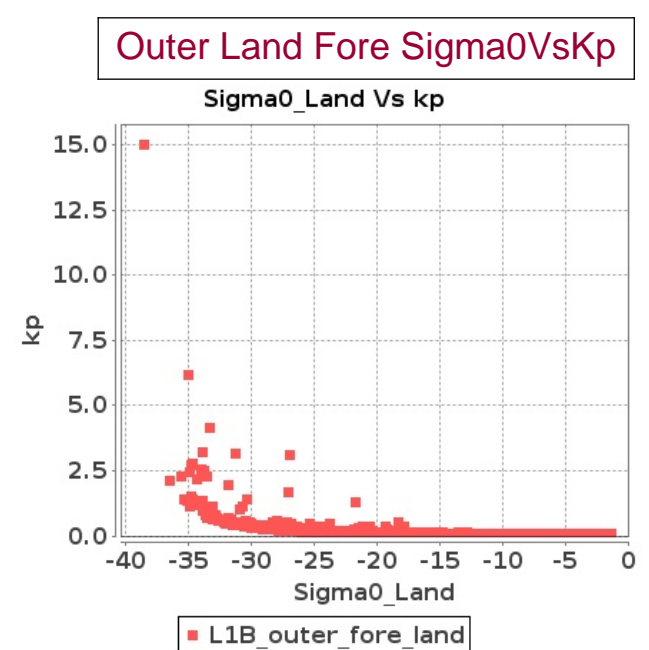
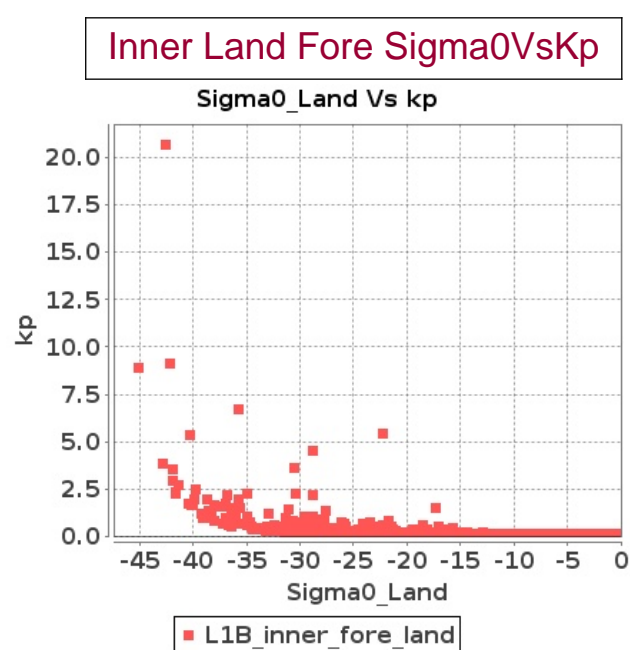
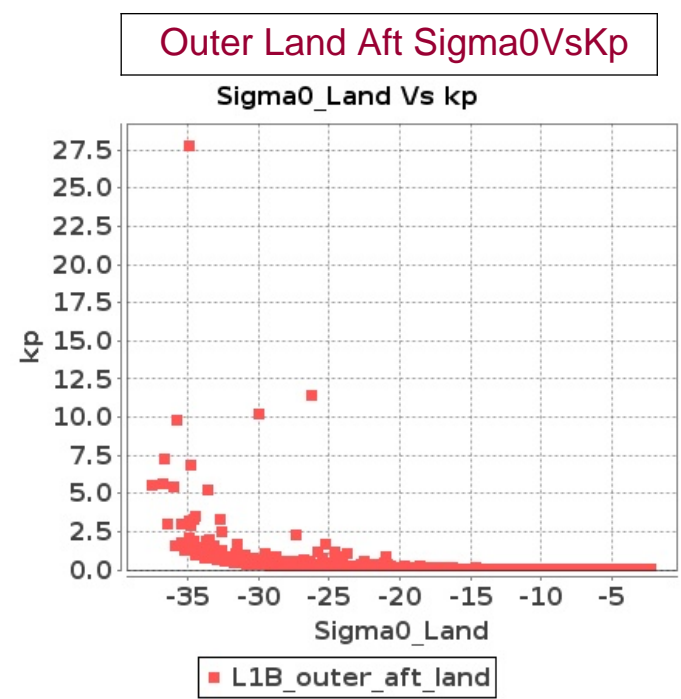
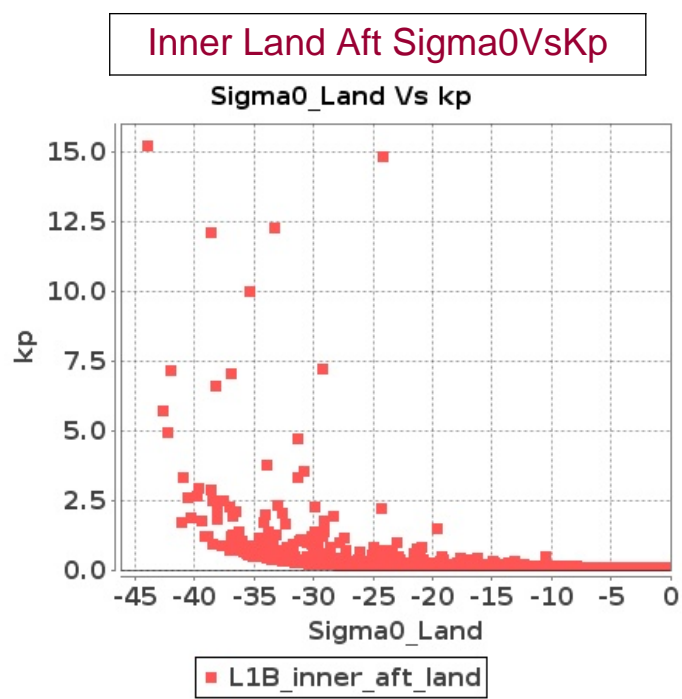
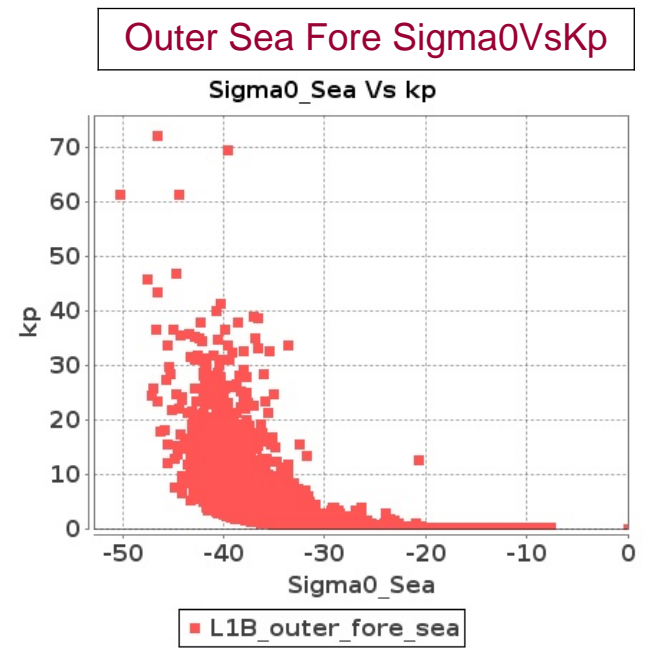
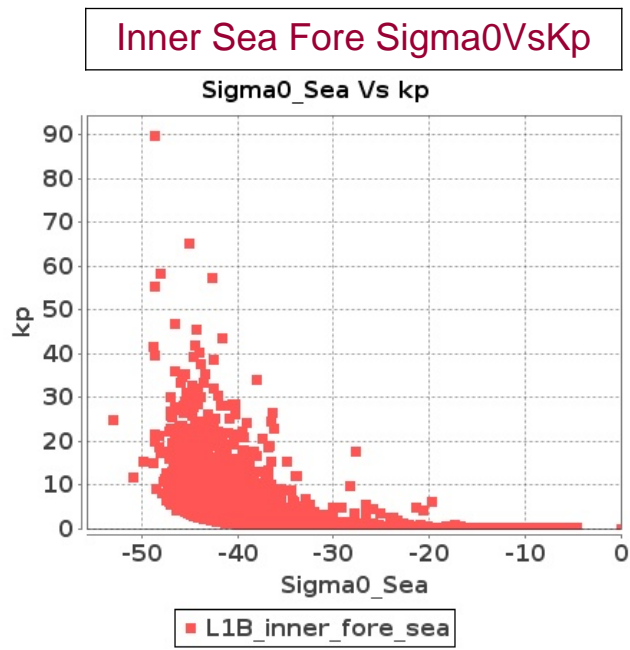
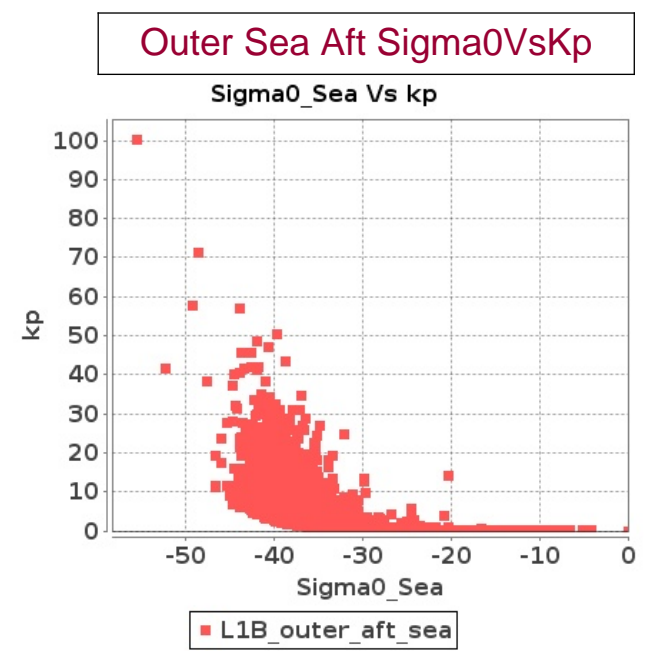
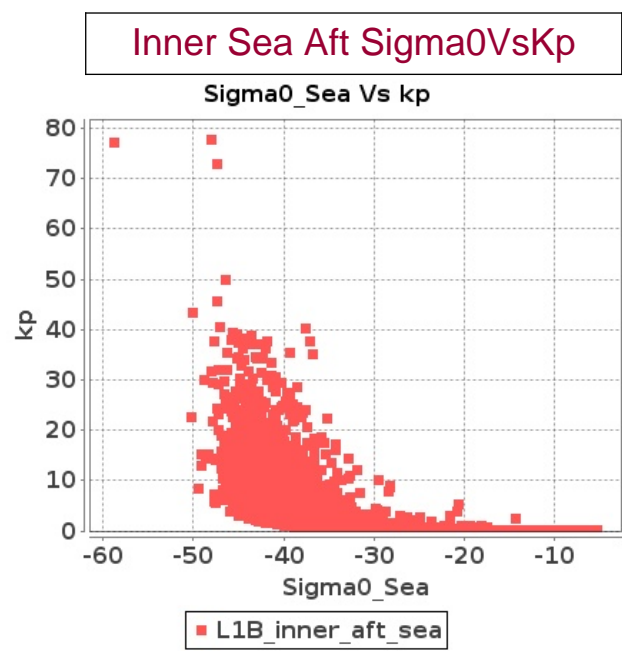


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 12-DEC-2019 To 13-DEC-2019





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

Report between 12-DEC-2019 To 13-DEC-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	16991	16992	SN	1	48.809	49.468	0.0	0.0	235.921	2.986	1038.96	1084.936	0.0	-91.918	-90.053	0.0
2	16991	16992	SN	1	48.77	49.468	0.0	0.0	235.921	2.607	1038.448	1084.936	0.0	-91.85	-90.053	0.0
3	16991	16992	NS	1	48.706	49.355	0.0	0.003	267.533	2.689	1029.368	1083.864	0.0	-91.736	-89.944	0.0
4	16991	16992	SN	1	48.77	49.468	0.0	0.0	235.921	3.044	1038.448	1084.936	0.0	-91.85	-90.053	0.0
5	16992	16993	NS	1	48.705	49.363	0.0	0.0	264.759	2.648	1028.856	1084.08	0.0	-91.913	-89.925	0.0
6	16992	16993	SN	1	48.781	49.506	0.0	0.003	213.916	2.536	1038.336	1085.128	0.0	-91.97	-90.052	0.0
7	16992	16993	SN	2	48.781	49.506	0.0	0.003	213.916	2.402	1038.336	1085.128	0.0	-91.97	-90.052	0.0
8	16992	16993	NS	1	48.706	49.367	0.0	0.0	264.759	2.647	1028.864	1084.08	0.0	-91.913	-89.925	0.0
9	16992	16993	SN	1	48.781	49.506	0.0	0.003	213.916	2.402	1038.336	1085.128	0.0	-91.97	-90.052	0.0
10	16993	16994	NS	1	48.706	49.357	0.0	0.003	206.658	2.508	1029.008	1084.168	0.0	-91.928	-89.932	0.0
11	16993	16994	SN	1	48.743	49.506	0.0	0.003	6.629	2.341	1038.392	1085.144	0.0	-91.947	-90.085	0.0
12	16993	16994	SN	1	48.771	49.506	0.0	0.003	6.629	2.504	1038.6	1085.144	0.0	-91.947	-90.085	0.0
13	16994	16995	SN	1	48.766	49.44	0.0	0.003	6.624	2.554	1038.16	1085.04	0.0	-91.749	-90.052	0.0
14	16994	16995	NS	1	48.686	49.571	0.0	0.0	222.271	3.366	1029.128	1084.08	0.0	-93.903	-89.947	0.0
15	16995	16996	NS	1	48.707	49.366	0.0	0.003	210.612	2.614	1030.056	1083.984	0.0	-91.79	-89.959	0.0
16	16995	16996	NS	2	48.707	49.366	0.0	0.003	210.612	2.61	1030.064	1083.984	0.0	-91.79	-89.959	0.0
17	16995	16996	SN	1	48.755	49.447	0.0	0.003	6.629	2.081	1038.504	1084.968	0.0	-91.824	-90.082	0.0
18	16995	16996	SN	2	48.755	49.447	0.0	0.003	6.629	2.534	1038.504	1084.968	0.0	-91.824	-90.082	0.0
19	16995	16996	SN	1	48.755	49.447	0.0	0.003	6.629	2.534	1038.504	1084.968	0.0	-91.824	-90.082	0.0
20	16996	16997	NS	1	48.708	49.307	0.0	0.003	210.668	2.677	1030.048	1083.88	0.0	-91.649	-89.964	0.0
21	16996	16997	SN	1	48.758	49.438	0.0	0.003	214.864	2.608	1037.968	1084.864	0.0	-91.842	-90.083	0.0
22	16996	16997	SN	2	48.758	49.438	0.0	0.003	214.864	2.608	1037.968	1084.872	0.0	-91.842	-90.082	0.0
23	16996	16997	SN	1	48.762	49.438	0.0	0.003	214.864	1.908	1037.968	1084.872	0.0	-91.842	-90.082	0.0
24	16996	16997	NS	2	48.708	49.307	0.0	0.003	210.668	2.677	1030.048	1083.88	0.0	-91.649	-89.964	0.0
25	16997	16998	SN	1	48.805	49.482	0.0	0.003	6.618	2.668	1038.704	1084.944	0.0	-91.952	-90.085	0.0
26	16997	16998	NS	1	48.644	49.37	0.0	0.003	41.564	2.567	1029.888	1083.904	0.0	-91.84	-89.968	0.0
27	16997	16998	NS	1	48.644	49.346	0.0	0.003	13.942	2.565	1029.904	1083.896	0.0	-91.824	-89.968	0.0
28	16997	16998	SN	1	48.805	49.482	0.0	0.003	6.618	1.655	1038.704	1084.944	0.0	-91.952	-90.085	0.0
29	16997	16998	SN	2	48.805	49.482	0.0	0.003	6.618	2.668	1038.704	1084.944	0.0	-91.952	-90.085	0.0
30	16998	16999	SN	1	48.806	49.441	0.0	0.003	30.131	2.607	1038.832	1085.096	0.0	-91.836	-90.04	0.0
31	16998	16999	SN	2	48.806	49.441	0.0	0.003	279.362	2.607	1038.824	1085.104	0.0	-91.836	-90.04	0.0
32	16998	16999	NS	1	48.705	49.372	0.0	0.003	207.0	2.663	1029.64	1084.088	0.0	-91.811	-89.968	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	16998	16999	NS	1	48.705	49.374	0.0	0.003	207.0	2.66	1029.64	1084.088	0.0	-91.887	-89.968	0.0
34	16998	16999	SN	1	48.806	49.441	0.0	0.003	279.362	1.545	1038.824	1085.104	0.0	-91.836	-90.04	0.0
35	16999	17000	NS	1	48.706	49.374	0.0	0.003	43.196	2.673	1029.568	1084.104	0.0	-91.924	-89.963	0.0
36	16999	17000	SN	1	48.805	49.441	0.0	0.003	6.634	2.54	1038.8	1085.112	0.0	-91.764	-90.025	0.0
37	17000	17001	SN	1	48.774	49.504	0.0	0.003	6.64	2.558	1038.016	1084.984	0.0	-92.434	-90.062	0.0
38	17000	17001	NS	1	48.707	49.351	0.0	0.003	264.51	2.715	1029.048	1084.0	0.0	-91.792	-89.942	0.0
39	17001	17002	NS	1	48.653	49.322	0.0	0.0	92.442	2.609	1029.928	1083.712	0.0	-91.715	-89.97	0.0
40	17001	17002	SN	1	48.764	49.464	0.0	0.003	215.366	2.645	1038.608	1085.064	0.0	-92.131	-90.069	0.0
41	17001	17002	NS	1	48.653	49.322	0.0	0.0	92.442	2.68	1029.928	1084.024	0.0	-91.733	-89.97	0.0
42	17002	17003	NS	1	48.706	49.358	0.0	0.003	264.764	2.568	1029.792	1084.104	0.0	-91.847	-89.968	0.0
43	17002	17003	SN	1	48.796	49.446	0.0	0.003	6.629	2.582	1038.536	1085.128	0.0	-91.8	-90.06	0.0
44	17002	17003	SN	2	48.796	49.446	0.0	0.003	6.629	2.582	1038.536	1085.136	0.0	-91.8	-90.06	0.0
45	17002	17003	NS	1	48.706	49.352	0.0	0.003	267.025	2.564	1029.8	1084.096	0.0	-91.953	-89.968	0.0
46	17003	17004	SN	1	48.807	49.49	0.0	0.003	281.033	2.591	1038.52	1085.232	0.0	-91.894	-90.085	0.0
47	17003	17004	NS	1	48.656	49.368	0.0	0.003	14.08	1.676	1029.648	1081.36	0.0	-92.332	-89.966	0.0
48	17003	17004	SN	2	48.807	49.49	0.0	0.003	281.033	2.591	1038.52	1085.232	0.0	-91.894	-90.085	0.0
49	17003	17004	NS	1	48.656	49.368	0.0	0.003	14.08	2.612	1029.648	1084.208	0.0	-91.812	-89.966	0.0
50	17003	17004	NS	1	48.656	49.368	0.0	0.003	14.08	2.609	1029.648	1084.2	0.0	-91.901	-89.966	0.0
51	17004	17005	NS	1	48.704	49.367	0.0	0.0	264.29	2.826	1029.352	1084.296	0.0	-91.88	-89.967	0.0
52	17004	17005	SN	1	48.746	49.492	0.0	0.003	214.522	1.549	1038.584	1085.312	0.0	-91.862	-90.087	0.0
53	17004	17005	NS	1	48.7	49.367	0.0	0.0	264.29	2.725	1029.336	1084.296	0.0	-91.824	-89.967	0.0
54	17004	17005	SN	1	48.746	49.492	0.0	0.0	214.522	2.679	1038.584	1085.312	0.0	-91.862	-90.087	0.0
55	17004	17005	NS	1	48.7	49.307	0.0	0.0	264.29	1.681	1029.336	1078.68	0.0	-92.725	-89.967	0.0
56	17004	17005	SN	1	48.746	49.492	0.0	0.0	214.517	2.676	1038.592	1085.304	0.0	-91.862	-90.087	0.0
57	17005	17006	SN	1	48.807	49.47	0.0	0.0	160.299	2.035	1038.752	1085.272	0.0	-91.887	-90.077	0.0
58	17005	17006	NS	1	48.65	49.307	0.0	0.003	42.562	2.71	1028.864	1084.256	0.0	-91.819	-89.966	0.0
59	17005	17006	SN	1	48.807	49.47	0.0	0.0	160.299	2.695	1038.752	1085.272	0.0	-91.887	-90.077	0.0
60	17005	17006	SN	1	48.807	49.47	0.0	0.0	160.299	2.69	1038.752	1085.272	0.0	-91.887	-90.077	0.0
61	17006	17007	SN	1	48.806	49.484	0.0	0.003	6.646	2.594	1038.008	1085.216	0.0	-91.926	-90.051	0.0
62	17006	17007	NS	1	48.705	49.373	0.0	0.0	267.378	2.688	1029.848	1084.216	0.0	-92.313	-89.952	0.0
63	17006	17007	SN	1	48.806	49.484	0.0	0.003	6.646	2.432	1038.008	1085.216	0.0	-91.926	-90.051	0.0
64	17007	17008	NS	2	48.706	49.347	0.0	0.0	209.984	2.579	1030.032	1084.408	0.0	-91.878	-89.91	0.0
65	17007	17008	SN	1	48.74	49.498	0.0	0.003	6.646	2.5	1038.344	1085.368	0.0	-92.237	-90.081	0.0
66	17007	17008	NS	1	48.706	49.347	0.0	0.0	209.984	2.579	1030.032	1084.408	0.0	-91.878	-89.91	0.0
67	17007	17008	SN	1	48.74	49.498	0.0	0.003	6.646	2.365	1038.344	1085.368	0.0	-92.237	-90.081	0.0
68	17007	17008	SN	2	48.74	49.498	0.0	0.003	6.651	2.362	1038.352	1085.368	0.0	-92.237	-90.081	0.0
69	17008	17009	SN	2	48.804	49.503	0.0	0.003	6.634	2.544	1038.208	1085.288	0.0	-91.96	-90.08	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	17008	17009	SN	1	48.804	49.503	0.0	0.003	6.634	2.313	1038.208	1085.288	0.0	-91.96	-90.08	0.0
71	17008	17009	NS	1	48.667	49.328	0.0	0.0	266.562	2.679	1029.128	1084.36	0.0	-91.704	-89.959	0.0
72	17008	17009	SN	1	48.804	49.503	0.0	0.003	6.634	2.544	1038.208	1085.288	0.0	-91.96	-90.08	0.0
73	17008	17009	NS	1	48.682	49.328	0.0	0.0	266.562	2.682	1029.072	1084.36	0.0	-91.783	-89.959	0.0
74	17009	17010	NS	1	48.702	49.314	0.0	0.003	264.963	2.597	1029.44	1084.248	0.0	-91.713	-89.953	0.0
75	17009	17010	SN	1	48.803	49.44	0.0	0.003	6.629	2.166	1038.168	1085.168	0.0	-91.933	-90.08	0.0
76	17009	17010	SN	1	48.803	49.44	0.0	0.003	6.629	2.526	1038.168	1085.168	0.0	-91.933	-90.08	0.0
77	17009	17010	NS	1	48.707	49.374	0.0	0.003	264.963	2.599	1030.224	1084.248	0.0	-91.847	-89.953	0.0
78	17009	17010	SN	2	48.802	49.44	0.0	0.003	6.624	2.527	1038.168	1085.168	0.0	-91.933	-90.08	0.0
79	17010	17011	SN	1	48.802	49.503	0.0	0.003	281.596	2.539	1038.104	1085.112	0.0	-92.143	-90.081	0.0
80	17010	17011	SN	1	48.802	49.503	0.0	0.003	281.596	2.541	1038.104	1085.112	0.0	-91.909	-90.081	0.0
81	17010	17011	NS	2	48.707	49.309	0.0	0.0	44.318	2.781	1030.232	1084.184	0.0	-91.686	-89.958	0.0
82	17010	17011	SN	1	48.802	49.503	0.0	0.003	281.596	1.979	1038.104	1085.112	0.0	-91.909	-90.081	0.0
83	17010	17011	NS	1	48.707	49.309	0.0	0.0	44.318	2.782	1030.232	1084.184	0.0	-91.686	-89.958	0.0
84	17011	17012	NS	1	48.706	49.372	0.0	0.003	13.815	2.571	1030.136	1084.088	0.0	-91.862	-89.971	0.0
85	17011	17012	NS	1	48.707	49.373	0.0	0.003	41.839	2.586	1030.144	1084.088	0.0	-91.76	-89.971	0.0
86	17011	17012	SN	2	48.782	49.504	0.0	0.003	6.635	2.643	1038.288	1085.112	0.0	-92.242	-90.077	0.0
87	17011	17012	SN	1	48.782	49.504	0.0	0.003	6.635	1.782	1038.288	1085.112	0.0	-92.242	-90.077	0.0
88	17011	17012	SN	1	48.782	49.504	0.0	0.003	6.635	2.643	1038.288	1085.112	0.0	-92.242	-90.077	0.0
89	17012	17013	NS	1	48.641	49.366	0.0	0.003	19.573	2.646	1029.936	1084.24	0.0	-91.886	-89.972	0.0
90	17012	17013	NS	1	48.641	49.366	0.0	0.003	19.573	2.632	1029.936	1084.24	0.0	-91.923	-89.972	0.0
91	17012	17013	SN	1	48.754	49.504	0.0	0.003	215.063	1.573	1038.448	1085.24	0.0	-91.922	-90.072	0.0
92	17012	17013	SN	1	48.754	49.504	0.0	0.003	215.063	2.666	1038.448	1085.24	0.0	-91.922	-90.072	0.0
93	17012	17013	SN	2	48.754	49.504	0.0	0.003	215.063	2.666	1038.448	1085.24	0.0	-91.922	-90.072	0.0
94	17013	17014	SN	1	48.787	49.506	0.0	0.0	27.536	2.578	1037.624	1085.32	0.0	-91.931	-90.016	0.0
95	17013	17014	NS	1	48.7	49.368	0.0	0.003	264.648	2.646	1029.928	1084.328	0.0	-91.937	-89.957	0.0
96	17013	17014	SN	1	48.787	49.506	0.0	0.0	27.536	2.589	1037.624	1085.32	0.0	-91.931	-90.016	0.0
97	17013	17014	NS	1	48.705	49.376	0.0	0.003	264.654	2.648	1029.936	1084.32	0.0	-91.829	-89.957	0.0
98	17014	17015	NS	1	48.707	49.35	0.0	0.0	48.902	2.809	1030.072	1084.264	0.0	-91.888	-89.938	0.0
99	17014	17015	SN	1	48.762	49.465	0.0	0.003	6.64	2.553	1037.352	1085.264	0.0	-91.822	-90.058	0.0
100	17014	17015	NS	2	48.707	49.35	0.0	0.0	48.902	2.808	1030.072	1084.272	0.0	-91.888	-89.938	0.0
101	17015	17016	SN	1	48.805	49.504	0.0	0.003	6.646	2.616	1038.4	1085.2	0.0	-92.753	-90.056	0.0
102	17015	17016	NS	1	48.689	49.309	0.0	0.003	13.821	2.628	1029.416	1084.208	0.0	-91.887	-89.966	0.0
103	17016	17017	SN	1	48.805	49.454	0.0	0.003	6.64	2.6	1038.288	1085.296	0.0	-91.858	-90.052	0.0
104	17016	17017	NS	1	48.652	49.372	0.0	0.003	266.595	2.659	1029.976	1084.32	0.0	-91.872	-89.969	0.0
105	17016	17017	NS	1	48.652	49.372	0.0	0.003	266.595	2.454	1029.976	1083.592	0.0	-91.874	-89.969	0.0
106	17016	17017	SN	1	48.79	49.454	0.0	0.003	281.237	2.603	1037.536	1085.296	0.0	-91.858	-90.051	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	17017	17018	SN	2	48.803	49.466	0.0	0.003	6.64	2.569	1038.272	1085.32	0.0	-91.896	-90.059	0.0
108	17017	17018	NS	2	48.705	49.349	0.0	0.003	42.711	2.607	1029.824	1084.328	0.0	-91.846	-89.967	0.0
109	17017	17018	SN	1	48.803	49.466	0.0	0.003	6.64	2.569	1038.272	1085.32	0.0	-91.896	-90.059	0.0
110	17017	17018	NS	1	48.705	49.349	0.0	0.003	42.711	2.607	1029.824	1084.328	0.0	-91.846	-89.967	0.0
111	17018	17019	SN	1	48.743	49.492	0.0	0.003	6.64	2.566	1037.84	1085.448	0.0	-91.967	-90.082	0.0
112	17018	17019	NS	1	48.664	49.332	0.0	0.0	267.235	1.633	1029.656	1080.568	0.0	-92.082	-89.968	0.0
113	17018	17019	NS	1	48.664	49.378	0.0	0.0	267.235	2.728	1029.656	1084.392	0.0	-92.082	-89.968	0.0
114	17018	17019	NS	1	48.664	49.32	0.0	0.0	267.235	2.726	1029.656	1084.408	0.0	-91.924	-89.968	0.0
115	17018	17019	SN	1	48.743	49.492	0.0	0.003	6.64	2.554	1037.84	1085.448	0.0	-91.967	-90.082	0.0
116	17019	17020	NS	1	48.668	49.345	0.0	0.003	210.43	2.588	1029.6	1084.44	0.0	-91.852	-89.967	0.0
117	17019	17020	SN	1	48.807	49.445	0.0	0.0	83.42	2.822	1038.424	1085.528	0.0	-91.788	-90.084	0.0
118	17019	17020	SN	1	48.807	49.445	0.0	0.003	6.64	1.598	1038.424	1085.528	0.0	-91.788	-90.084	0.0
119	17019	17020	NS	2	48.668	49.345	0.0	0.003	210.43	2.588	1029.6	1084.44	0.0	-91.852	-89.967	0.0
120	17019	17020	NS	1	48.668	49.351	0.0	0.003	210.43	1.564	1029.6	1076.64	0.0	-91.761	-89.967	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	17018	17019	NS	1	-34.86	26.432	0.324	-34.26	25.828	0.199	10.823	27.921	8.319	7.472	29.83	15.287	0.116	296.775	4.582	0.116	258.523	4.215	0.116	0.122	0.0	0.116	0.13	0.0
113	17018	17019	NS	1	-34.97	26.432	0.341	-34.26	25.828	0.199	5.983	28.16	26.753	7.471	29.836	35.801	0.116	304.376	4.577	0.116	258.523	4.215	0.116	0.135	0.0	0.116	0.13	0.0
114	17018	17019	NS	1	-34.971	26.432	0.341	-34.478	25.828	0.199	5.983	28.163	26.753	7.474	29.836	35.801	0.116	304.503	4.57	0.116	271.773	4.213	0.116	0.135	0.0	0.116	0.13	0.0
115	17018	17019	SN	1	-33.921	23.106	0.054	-34.589	24.052	0.826	7.092	29.141	35.867	6.92	30.082	49.86	0.116	239.114	3.07	0.116	278.833	2.218	0.116	0.131	0.0	0.116	0.132	0.0
116	17019	17020	NS	1	-34.878	24.072	0.267	-34.666	25.513	0.052	6.482	28.318	12.936	6.119	28.64	21.939	0.116	298.05	3.713	0.116	283.898	3.474	0.116	0.133	0.0	0.116	0.135	0.0
117	17019	17020	SN	1	-31.029	23.733	0.123	-31.86	24.96	1.091	6.578	28.518	11.212	8.548	28.744	12.931	0.116	122.914	0.452	0.116	148.815	0.234	0.116	0.133	0.0	0.116	0.126	0.0
118	17019	17020	SN	1	-34.417	23.733	0.037	-31.86	23.728	0.051	6.578	27.845	10.396	8.548	27.644	11.593	0.116	281.856	0.476	0.116	148.815	0.259	0.116	0.133	0.0	0.116	0.126	0.0
119	17019	17020	NS	2	-34.878	24.072	0.267	-34.666	25.513	0.052	6.482	28.318	12.936	6.119	28.64	21.939	0.116	298.05	3.713	0.116	283.898	3.474	0.116	0.133	0.0	0.116	0.135	0.0
120	17019	17020	NS	1	-34.878	23.542	0.271	-34.666	25.563	0.053	7.749	26.715	3.413	6.219	25.639	7.153	0.116	298.05	3.786	0.116	283.898	3.5	0.116	0.129	0.0	0.116	0.134	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	16991	16992	SN	1	57.563	58.328	0.0	0.0	299.873	4.309	1217.16	1275.216	0.0	-93.331	-92.105	0.0
2	16991	16992	SN	1	57.563	58.328	0.0	0.0	299.873	3.784	1217.16	1275.216	0.0	-93.235	-92.105	0.0
3	16991	16992	NS	1	57.469	58.167	0.0	0.0	298.224	3.935	1205.456	1273.352	6.957	-93.225	-91.988	0.0
4	16991	16992	SN	1	57.563	58.328	0.0	0.0	299.873	4.356	1217.16	1275.216	0.0	-93.235	-92.105	0.0
5	16992	16993	NS	1	57.468	58.177	0.0	0.0	290.425	3.787	1205.8	1273.624	6.764	-93.24	-91.968	0.0
6	16992	16993	SN	1	57.547	58.326	0.0	0.0	294.534	3.803	1216.592	1275.456	0.0	-93.398	-92.101	0.0
7	16992	16993	SN	2	57.547	58.326	0.0	0.0	294.534	3.483	1216.592	1275.456	0.0	-93.398	-92.101	0.0
8	16992	16993	NS	1	57.468	58.192	0.0	0.0	290.381	3.785	1205.808	1273.616	6.741	-93.224	-91.968	0.0
9	16992	16993	SN	1	57.547	58.326	0.0	0.0	294.534	3.483	1216.592	1275.456	0.0	-93.398	-92.101	0.0
10	16993	16994	NS	1	57.442	58.189	0.0	0.0	296.194	3.673	1205.904	1273.728	6.774	-93.219	-91.971	0.0
11	16993	16994	SN	1	57.53	58.327	0.0	0.0	297.319	3.408	1216.136	1275.472	0.0	-93.325	-92.134	0.0
12	16993	16994	SN	1	57.526	58.327	0.0	0.0	297.319	3.725	1216.136	1275.472	0.0	-93.325	-92.134	0.0
13	16994	16995	SN	1	57.564	58.304	0.0	0.0	294.231	3.708	1216.576	1275.328	0.0	-93.258	-92.102	0.0
14	16994	16995	NS	1	57.37	58.166	0.0	0.0	292.058	4.552	1205.96	1273.616	6.177	-95.768	-91.987	0.0
15	16995	16996	NS	1	57.47	58.195	0.0	0.0	294.308	3.821	1206.72	1273.496	6.941	-93.303	-92.003	0.0
16	16995	16996	NS	2	57.47	58.195	0.0	0.0	294.286	3.82	1206.728	1273.496	6.93	-93.303	-92.003	0.0
17	16995	16996	SN	1	57.554	58.298	0.0	0.0	283.317	3.278	1216.68	1275.24	0.0	-93.399	-92.131	0.0
18	16995	16996	SN	2	57.56	58.298	0.0	0.0	292.427	3.717	1216.68	1275.24	0.0	-93.399	-92.131	0.0
19	16995	16996	SN	1	57.56	58.298	0.0	0.0	292.427	3.717	1216.68	1275.24	0.0	-93.399	-92.131	0.0
20	16996	16997	NS	1	57.471	58.166	0.0	0.0	297.915	3.93	1206.712	1273.36	7.037	-93.176	-92.008	0.0
21	16996	16997	SN	1	57.541	58.297	0.0	0.0	291.291	3.818	1216.456	1275.128	0.0	-93.178	-92.131	0.0
22	16996	16997	SN	2	57.541	58.297	0.0	0.0	291.291	3.817	1216.448	1275.136	0.0	-93.178	-92.131	0.0
23	16996	16997	SN	1	57.539	58.297	0.0	0.0	282.412	3.166	1216.336	1275.136	0.0	-93.178	-92.131	0.0
24	16996	16997	NS	2	57.471	58.166	0.0	0.0	297.915	3.93	1206.712	1273.36	7.037	-93.176	-92.008	0.0
25	16997	16998	SN	1	57.552	58.324	0.0	0.0	294.082	3.924	1216.92	1275.28	0.0	-93.295	-92.134	0.0
26	16997	16998	NS	1	57.47	58.18	0.0	0.003	290.999	3.749	1206.528	1273.392	7.265	-93.206	-92.013	0.0
27	16997	16998	NS	1	57.47	58.192	0.0	0.0	297.143	3.746	1206.536	1273.376	7.229	-93.228	-92.014	0.0
28	16997	16998	SN	1	57.552	58.324	0.0	0.0	294.082	2.917	1216.92	1275.28	0.0	-93.295	-92.134	0.0
29	16997	16998	SN	2	57.552	58.324	0.0	0.0	294.082	3.924	1216.92	1275.28	0.0	-93.295	-92.134	0.0
30	16998	16999	SN	1	57.566	58.317	0.0	0.0	297.203	3.823	1217.04	1275.416	0.0	-93.249	-92.082	0.0
31	16998	16999	SN	2	57.566	58.317	0.0	0.0	297.203	3.824	1217.032	1275.424	0.0	-93.249	-92.082	0.0
32	16998	16999	NS	1	57.442	58.197	0.0	0.0	296.299	3.883	1206.344	1273.632	7.603	-93.243	-92.013	0.0
33	16998	16999	NS	1	57.442	58.197	0.0	0.0	296.299	3.88	1206.344	1273.632	7.595	-93.241	-92.013	0.0
34	16998	16999	SN	1	57.566	58.317	0.0	0.0	288.975	2.496	1217.032	1275.424	0.0	-93.249	-92.082	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	16999	17000	NS	1	57.469	58.199	0.0	0.0	291.716	4.005	1205.824	1273.656	6.653	-93.254	-91.988	0.0
36	16999	17000	SN	1	57.565	58.329	0.0	0.0	293.382	3.73	1217.032	1275.44	0.0	-93.274	-92.073	0.0
37	17000	17001	SN	1	57.548	58.326	0.0	0.0	291.76	3.785	1216.04	1275.28	0.0	-93.238	-92.105	0.0
38	17000	17001	NS	1	57.471	58.192	0.0	0.0	292.069	3.952	1205.776	1273.512	6.949	-93.244	-91.984	0.0
39	17001	17002	NS	1	57.465	58.164	0.0	0.0	295.323	3.557	1206.576	1273.088	7.214	-93.128	-92.014	0.0
40	17001	17002	SN	1	57.547	58.323	0.0	0.0	291.639	3.879	1216.712	1275.368	0.0	-93.474	-92.12	0.0
41	17001	17002	NS	1	57.465	58.164	0.0	0.0	295.323	3.851	1206.576	1273.536	7.166	-93.128	-92.014	0.0
42	17002	17003	NS	1	57.469	58.185	0.0	0.0	286.449	3.717	1206.368	1273.656	7.499	-93.243	-92.006	0.0
43	17002	17003	SN	1	57.553	58.3	0.0	0.0	298.102	3.812	1216.552	1275.448	0.0	-93.217	-92.108	0.0
44	17002	17003	SN	2	57.553	58.3	0.0	0.0	298.042	3.812	1216.552	1275.448	0.0	-93.217	-92.108	0.0
45	17002	17003	NS	1	57.469	58.182	0.0	0.0	286.416	3.712	1206.384	1273.64	7.47	-93.242	-92.007	0.0
46	17003	17004	SN	1	57.55	58.333	0.0	0.0	290.988	3.796	1216.664	1275.56	0.0	-93.258	-92.134	0.0
47	17003	17004	NS	1	57.446	58.183	0.0	0.0	290.999	2.605	1206.184	1270.632	8.699	-93.235	-92.011	0.0
48	17003	17004	SN	2	57.55	58.333	0.0	0.0	290.988	3.796	1216.664	1275.56	0.0	-93.258	-92.134	0.0
49	17003	17004	NS	1	57.446	58.183	0.0	0.0	293.111	3.764	1206.184	1273.792	8.091	-93.23	-92.011	0.0
50	17003	17004	NS	1	57.446	58.199	0.0	0.0	293.062	3.761	1206.184	1273.768	8.082	-93.248	-92.011	0.0
51	17004	17005	NS	1	57.456	58.177	0.0	0.0	296.58	4.026	1206.112	1273.88	8.313	-93.238	-92.011	0.0
52	17004	17005	SN	1	57.538	58.318	0.0	0.0	286.824	2.545	1216.104	1275.688	0.0	-93.202	-92.136	0.0
53	17004	17005	NS	1	57.444	58.184	0.0	0.0	294.446	3.937	1206.088	1273.88	8.351	-93.238	-92.011	0.0
54	17004	17005	SN	1	57.538	58.318	0.0	0.0	295.786	3.877	1216.104	1275.688	0.0	-93.202	-92.136	0.0
55	17004	17005	NS	1	57.444	58.176	0.0	0.0	294.446	2.176	1206.088	1267.776	9.52	-93.094	-92.011	0.0
56	17004	17005	SN	1	57.53	58.318	0.0	0.0	295.786	3.874	1216.768	1275.672	0.0	-93.202	-92.136	0.0
57	17005	17006	SN	1	57.566	58.32	0.0	0.0	285.186	3.398	1216.16	1275.616	0.0	-93.247	-92.12	0.0
58	17005	17006	NS	1	57.456	58.187	0.0	0.0	294.733	3.992	1205.56	1273.84	8.203	-93.263	-92.01	0.0
59	17005	17006	SN	1	57.566	58.32	0.0	0.0	292.797	4.022	1216.16	1275.616	0.0	-93.247	-92.12	0.0
60	17005	17006	SN	1	57.566	58.32	0.0	0.0	292.797	4.013	1217.024	1275.616	0.0	-93.247	-92.12	0.0
61	17006	17007	SN	1	57.566	58.334	0.0	0.0	291.264	3.858	1216.064	1275.544	0.0	-93.255	-92.097	0.0
62	17006	17007	NS	1	57.468	58.192	0.0	0.0	297.06	3.892	1206.296	1273.776	6.669	-93.222	-91.996	0.0
63	17006	17007	SN	1	57.566	58.334	0.0	0.0	291.264	3.544	1216.064	1275.544	0.0	-93.255	-92.097	0.0
64	17007	17008	NS	2	57.451	58.379	0.0	0.0	288.219	3.711	1205.864	1274.016	6.526	-95.412	-91.952	0.0
65	17007	17008	SN	1	57.528	58.328	0.0	0.0	288.324	3.711	1216.52	1275.712	0.0	-93.254	-92.115	0.0
66	17007	17008	NS	1	57.451	58.379	0.0	0.0	288.219	3.711	1205.864	1274.016	6.526	-95.412	-91.952	0.0
67	17007	17008	SN	1	57.528	58.328	0.0	0.0	288.346	3.393	1216.52	1275.712	0.0	-93.254	-92.115	0.0
68	17007	17008	SN	2	57.533	58.328	0.0	0.0	288.33	3.392	1216.52	1275.72	0.0	-93.254	-92.115	0.0
69	17008	17009	SN	2	57.547	58.328	0.0	0.0	294.44	3.738	1216.056	1275.616	0.0	-93.266	-92.129	0.0
70	17008	17009	SN	1	57.547	58.328	0.0	0.0	294.44	3.4	1216.056	1275.616	0.0	-93.266	-92.129	0.0
71	17008	17009	NS	1	57.457	58.17	0.0	0.0	292.29	3.883	1206.032	1273.968	6.351	-93.181	-92.007	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	17008	17009	SN	1	57.547	58.328	0.0	0.0	294.44	3.738	1216.056	1275.616	0.0	-93.266	-92.129	0.0
73	17008	17009	NS	1	57.452	58.189	0.0	0.0	292.29	3.887	1206.032	1273.968	6.321	-93.368	-92.007	0.0
74	17009	17010	NS	1	57.47	58.178	0.0	0.0	298.372	3.766	1206.56	1273.824	6.241	-93.214	-91.991	0.0
75	17009	17010	SN	1	57.561	58.32	0.0	0.0	288.992	3.361	1216.288	1275.464	0.0	-93.254	-92.129	0.0
76	17009	17010	SN	1	57.561	58.32	0.0	0.0	296.657	3.756	1216.288	1275.464	0.0	-93.254	-92.129	0.0
77	17009	17010	NS	1	57.47	58.185	0.0	0.0	298.372	3.769	1206.408	1273.824	6.209	-93.223	-91.991	0.0
78	17009	17010	SN	2	57.561	58.32	0.0	0.0	296.657	3.757	1216.288	1275.464	0.0	-93.254	-92.129	0.0
79	17010	17011	SN	1	57.533	58.323	0.0	0.0	294.132	3.693	1215.488	1275.4	0.0	-93.23	-92.13	0.0
80	17010	17011	SN	1	57.523	58.323	0.0	0.0	294.093	3.699	1215.496	1275.4	0.0	-93.23	-92.13	0.0
81	17010	17011	NS	2	57.471	58.169	0.0	0.0	294.396	4.012	1206.896	1273.704	6.51	-93.274	-92.0	0.0
82	17010	17011	SN	1	57.523	58.323	0.0	0.0	285.357	3.181	1215.496	1275.4	0.0	-93.23	-92.13	0.0
83	17010	17011	NS	1	57.471	58.169	0.0	0.0	294.396	4.013	1206.896	1273.704	6.511	-93.274	-92.0	0.0
84	17011	17012	NS	1	57.469	58.187	0.0	0.0	297.253	3.775	1206.624	1273.624	6.604	-93.174	-92.015	0.0
85	17011	17012	NS	1	57.47	58.188	0.0	0.0	297.286	3.789	1206.632	1273.616	6.583	-93.174	-92.015	0.0
86	17011	17012	SN	2	57.548	58.331	0.0	0.0	293.023	3.888	1216.424	1275.352	0.0	-93.61	-92.121	0.0
87	17011	17012	SN	1	57.548	58.331	0.0	0.0	283.94	3.069	1216.424	1275.352	0.0	-93.61	-92.121	0.0
88	17011	17012	SN	1	57.548	58.331	0.0	0.0	293.023	3.888	1216.424	1275.352	0.0	-93.61	-92.121	0.0
89	17012	17013	NS	1	57.468	58.196	0.0	0.0	287.023	3.803	1206.304	1273.808	7.184	-93.254	-92.016	0.0
90	17012	17013	NS	1	57.468	58.196	0.0	0.0	287.023	3.792	1206.304	1273.808	7.191	-93.21	-92.016	0.0
91	17012	17013	SN	1	57.563	58.33	0.0	0.0	298.786	2.73	1216.576	1275.584	0.0	-93.271	-92.115	0.0
92	17012	17013	SN	1	57.563	58.33	0.0	0.0	298.786	3.913	1216.576	1275.584	0.0	-93.271	-92.115	0.0
93	17012	17013	SN	2	57.563	58.33	0.0	0.0	298.786	3.913	1216.576	1275.584	0.0	-93.271	-92.115	0.0
94	17013	17014	SN	1	57.533	58.328	0.0	0.0	298.698	3.784	1215.928	1275.656	0.0	-93.24	-92.062	0.0
95	17013	17014	NS	1	57.453	58.201	0.0	0.003	293.321	3.849	1206.2	1273.92	7.093	-93.266	-91.995	0.0
96	17013	17014	SN	1	57.533	58.328	0.0	0.0	298.698	3.82	1215.928	1275.656	0.0	-93.24	-92.062	0.0
97	17013	17014	NS	1	57.468	58.183	0.0	0.0	293.271	3.855	1205.648	1273.912	7.061	-93.392	-91.995	0.0
98	17014	17015	NS	1	57.47	58.192	0.0	0.0	299.117	4.12	1205.936	1273.84	6.315	-93.223	-91.982	0.0
99	17014	17015	SN	1	57.535	58.308	0.0	0.0	296.53	3.77	1215.824	1275.608	0.0	-93.233	-92.104	0.0
100	17014	17015	NS	2	57.47	58.192	0.0	0.0	299.134	4.123	1205.936	1273.848	6.32	-93.223	-91.982	0.0
101	17015	17016	SN	1	57.532	58.337	0.0	0.0	294.352	3.873	1215.824	1275.536	0.0	-93.284	-92.097	0.0
102	17015	17016	NS	1	57.466	58.183	0.0	0.0	296.922	3.828	1205.96	1273.776	6.581	-93.114	-92.012	0.0
103	17016	17017	SN	1	57.562	58.306	0.0	0.0	293.475	3.826	1215.792	1275.64	0.0	-93.26	-92.101	0.0
104	17016	17017	NS	1	57.452	58.196	0.0	0.0	295.091	3.795	1206.576	1273.912	7.055	-93.26	-92.014	0.0
105	17016	17017	NS	1	57.452	58.196	0.0	0.003	295.091	3.204	1206.576	1273.92	7.189	-93.507	-92.014	0.0
106	17016	17017	SN	1	57.537	58.306	0.0	0.0	293.508	3.831	1216.048	1275.648	0.0	-93.26	-92.101	0.0
107	17017	17018	SN	2	57.537	58.339	0.0	0.0	292.096	3.786	1216.08	1275.68	0.0	-93.263	-92.105	0.0
108	17017	17018	NS	2	57.438	58.197	0.0	0.0	299.63	3.796	1206.392	1273.92	7.475	-93.371	-92.012	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	17017	17018	SN	1	57.537	58.339	0.0	0.0	292.096	3.786	1216.08	1275.68	0.0	-93.263	-92.105	0.0
110	17017	17018	NS	1	57.438	58.197	0.0	0.0	299.63	3.795	1206.392	1273.92	7.475	-93.371	-92.012	0.0
111	17018	17019	SN	1	57.529	58.336	0.0	0.0	295.141	3.78	1216.352	1275.832	0.0	-93.252	-92.131	0.0
112	17018	17019	NS	1	57.437	58.196	0.0	0.0	288.126	2.43	1206.248	1269.872	8.617	-93.205	-92.013	0.0
113	17018	17019	NS	1	57.437	58.196	0.0	0.0	290.729	3.921	1206.248	1273.984	7.826	-93.206	-92.013	0.0
114	17018	17019	NS	1	57.437	58.176	0.0	0.0	290.8	3.916	1206.248	1274.008	7.818	-93.249	-92.013	0.0
115	17018	17019	SN	1	57.529	58.336	0.0	0.0	295.141	3.744	1216.352	1275.832	0.0	-93.252	-92.131	0.0
116	17019	17020	NS	1	57.456	58.194	0.0	0.0	299.222	3.908	1205.432	1274.032	8.148	-93.232	-92.012	0.0
117	17019	17020	SN	1	57.566	58.312	0.0	0.0	297.838	4.06	1216.56	1275.92	0.0	-93.263	-92.133	0.0
118	17019	17020	SN	1	57.566	58.312	0.0	0.003	290.056	2.498	1216.56	1275.92	0.0	-93.263	-92.133	0.0
119	17019	17020	NS	2	57.456	58.194	0.0	0.0	299.222	3.908	1205.432	1274.032	8.148	-93.232	-92.012	0.0
120	17019	17020	NS	1	57.456	58.177	0.0	0.0	295.301	2.13	1205.432	1265.456	9.635	-93.131	-92.012	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	17017	17018	SN	2	-34.917	16.431	0.0	-33.853	17.409	0.0	-26.852	22.723	0.052	-29.082	23.352	0.295	0.087	229.8	1.818	0.087	179.898	1.224	0.086	35.939	0.071	0.086	60.015	0.062
108	17017	17018	NS	2	-34.925	20.19	0.0	-34.891	18.41	0.0	2.765	22.805	0.048	2.799	22.879	0.111	0.086	230.264	3.693	0.086	228.477	3.522	0.086	0.118	0.0	0.086	0.117	0.0
109	17017	17018	SN	1	-34.917	16.431	0.0	-33.853	17.409	0.0	-26.852	22.723	0.052	-29.082	23.352	0.295	0.087	229.8	1.818	0.087	179.898	1.224	0.086	35.939	0.071	0.086	60.015	0.062
110	17017	17018	NS	1	-34.925	20.19	0.0	-34.891	18.41	0.0	2.765	22.805	0.048	2.799	22.879	0.111	0.086	230.264	3.693	0.086	228.477	3.522	0.086	0.118	0.0	0.086	0.117	0.0
111	17018	17019	SN	1	-33.774	16.45	0.0	-34.835	17.732	0.0	0.064	22.798	0.116	1.26	23.119	1.076	0.087	176.681	2.212	0.086	225.507	1.994	0.086	0.148	0.0	0.086	0.132	0.0
112	17018	17019	NS	1	-34.792	21.354	0.0	-34.886	20.0	0.0	6.478	22.333	0.095	1.878	22.805	0.054	0.086	223.331	4.318	0.086	228.189	4.177	0.086	0.099	0.0	0.086	0.126	0.0
113	17018	17019	NS	1	-34.792	21.354	0.0	-34.886	20.0	0.0	1.377	22.333	0.046	1.936	22.812	0.124	0.086	223.331	4.263	0.086	228.189	4.176	0.086	0.131	0.0	0.086	0.125	0.0
114	17018	17019	NS	1	-34.626	21.354	0.0	-34.198	20.0	0.0	1.377	22.333	0.046	1.936	22.812	0.124	0.086	214.935	4.268	0.086	194.738	4.168	0.086	0.131	0.0	0.086	0.125	0.0
115	17018	17019	SN	1	-33.774	16.45	0.0	-34.835	17.732	0.0	0.064	22.798	0.116	1.26	23.119	1.077	0.087	176.681	2.213	0.086	225.507	1.996	0.086	0.148	0.0	0.086	0.132	0.0
116	17019	17020	NS	1	-34.448	17.481	0.0	-34.912	16.615	0.0	1.233	22.884	0.022	0.407	22.734	0.089	0.087	206.338	4.139	0.087	229.566	4.011	0.086	0.132	0.0	0.086	0.143	0.0
117	17019	17020	SN	1	-34.679	16.985	0.0	-34.764	17.873	0.0	2.055	23.035	0.047	3.65	23.114	0.112	0.087	217.601	0.654	0.086	221.891	0.468	0.086	0.124	0.0	0.086	0.112	0.0
118	17019	17020	SN	1	-34.679	16.612	0.0	-34.764	16.751	0.0	2.055	21.974	0.0	3.65	22.112	0.003	0.087	217.601	0.679	0.087	221.891	0.52	0.086	0.124	0.0	0.086	0.112	0.0
119	17019	17020	NS	2	-34.448	17.481	0.0	-34.912	16.615	0.0	1.233	22.884	0.022	0.407	22.734	0.089	0.087	206.338	4.139	0.087	229.566	4.011	0.086	0.132	0.0	0.086	0.143	0.0
120	17019	17020	NS	1	-34.448	17.481	0.0	-34.912	16.612	0.0	2.019	22.884	0.004	0.409	18.832	0.0	0.087	206.338	4.295	0.087	229.566	4.047	0.086	0.124	0.0	0.086	0.143	0.0

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