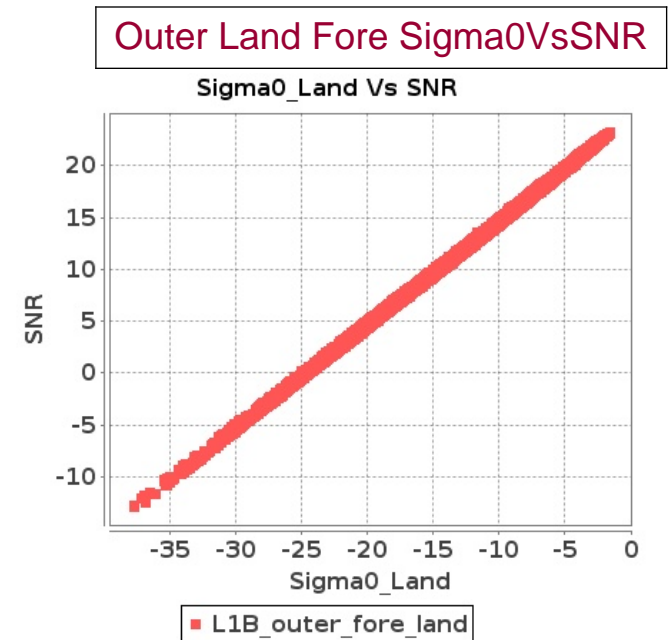
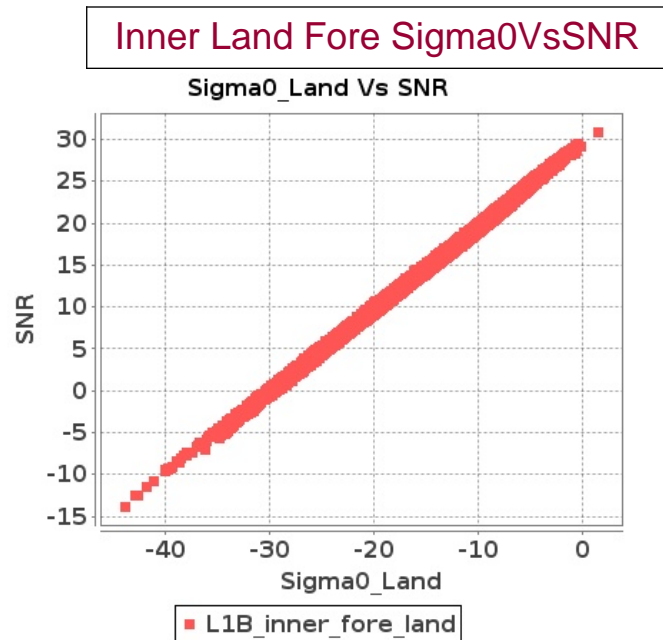
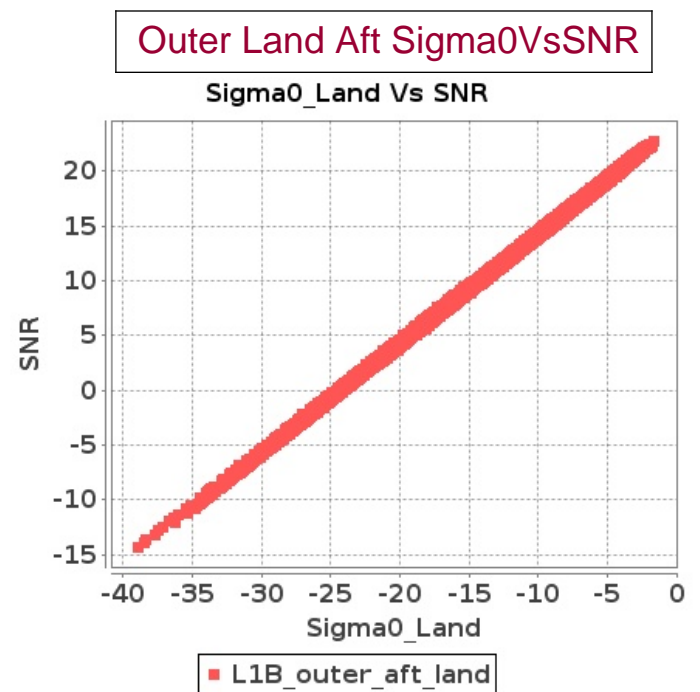
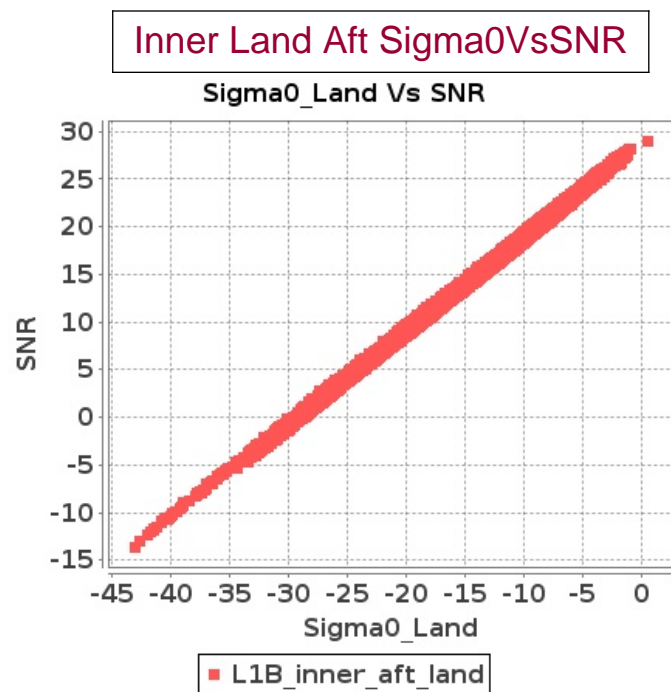
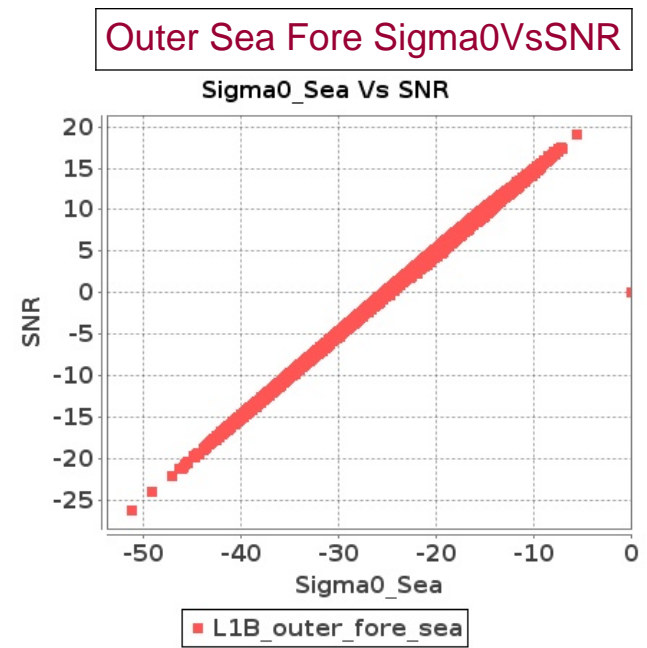
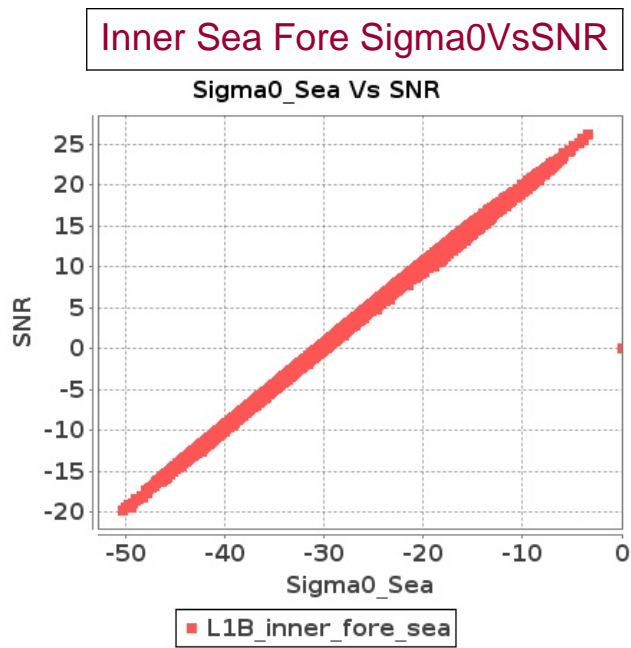
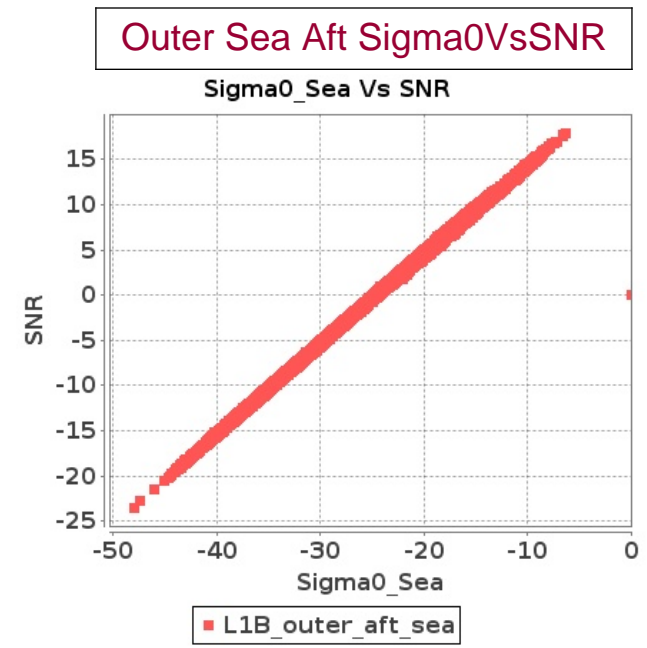
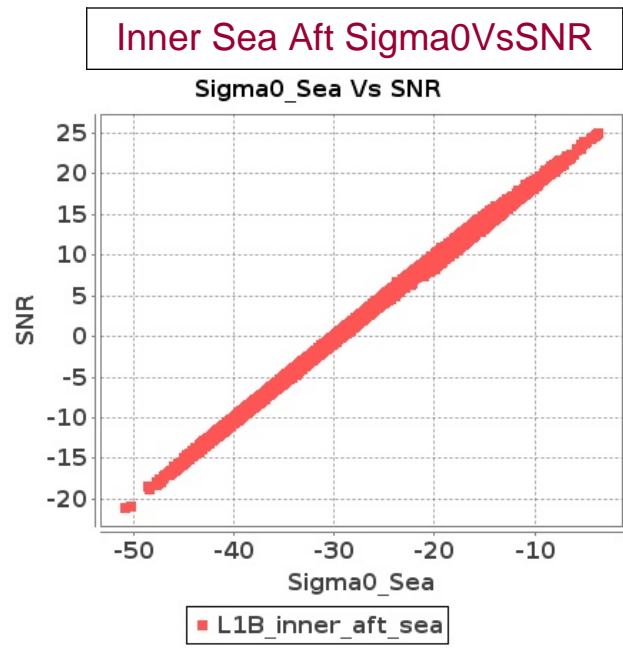
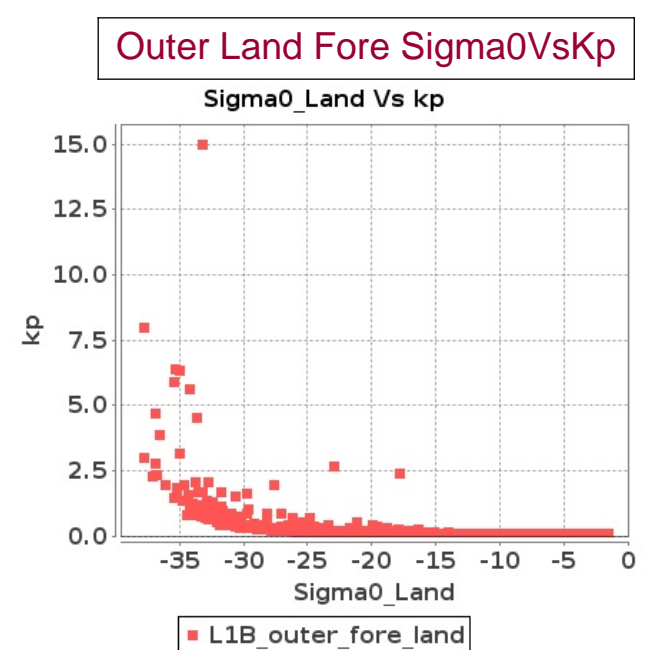
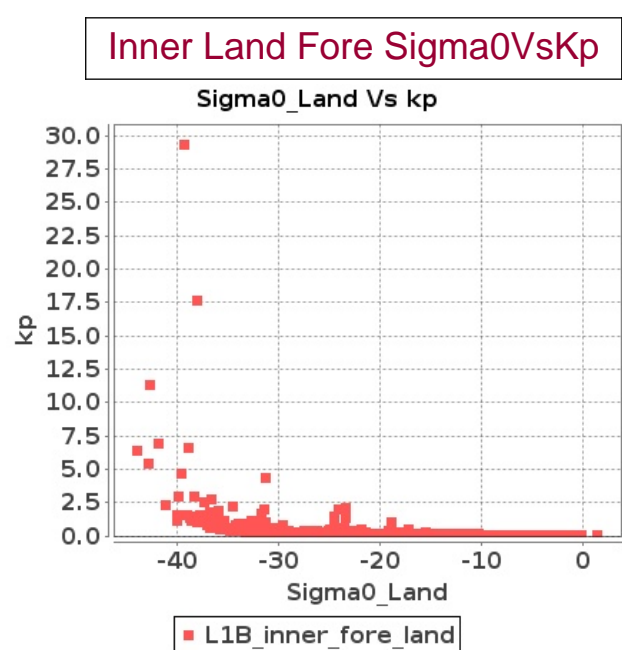
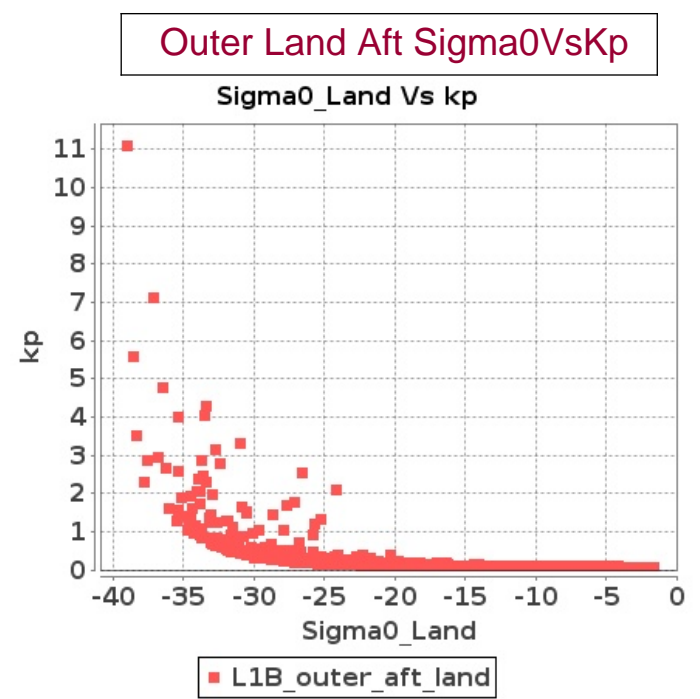
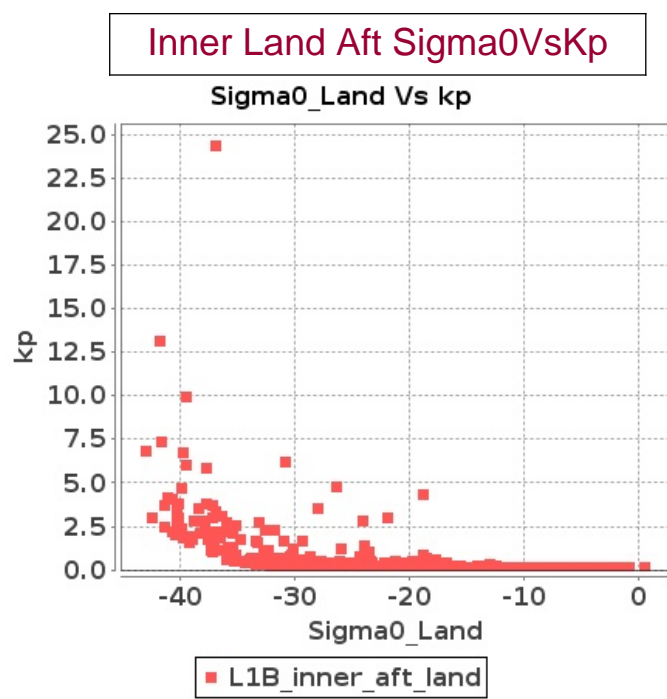
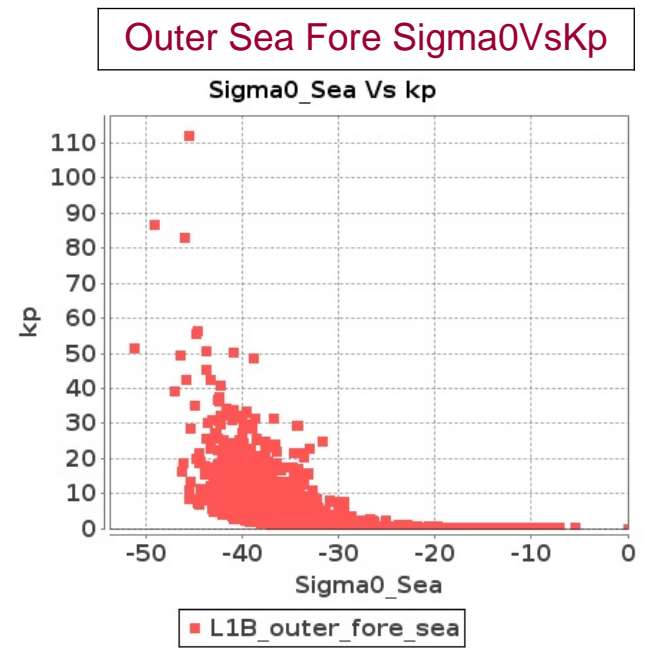
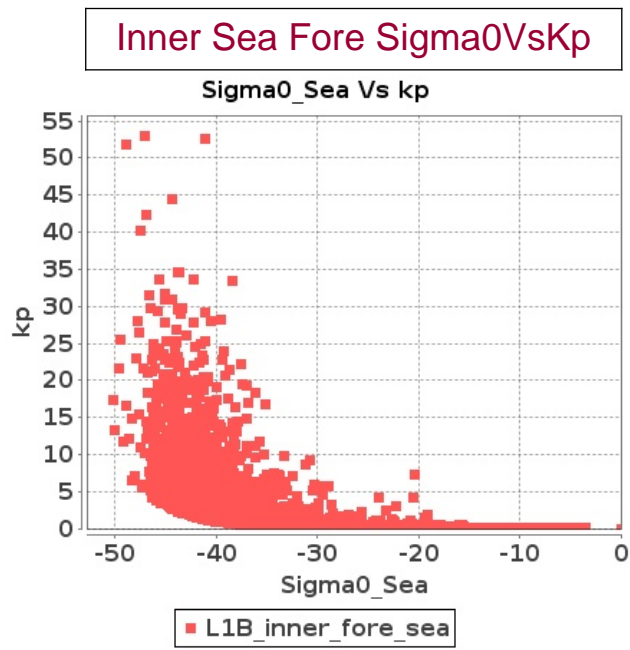
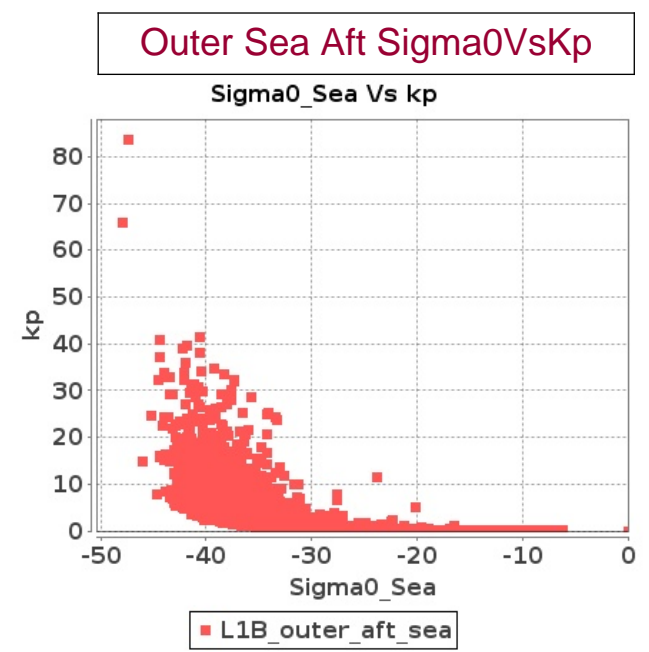
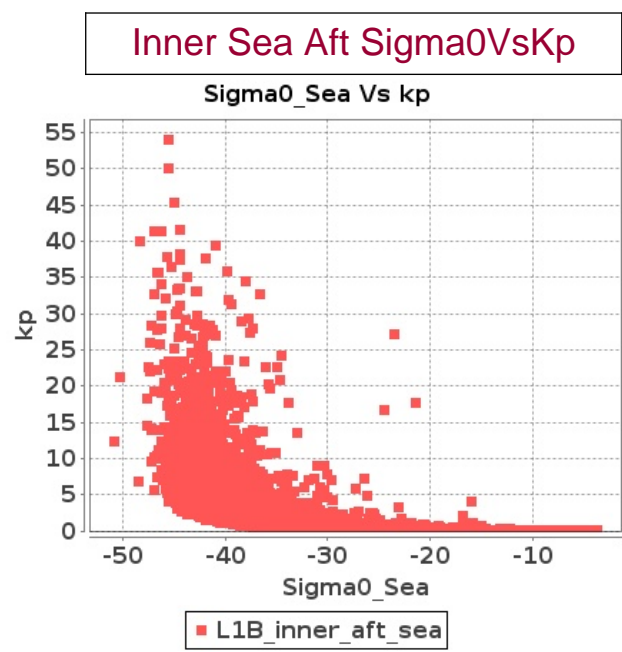


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 05-NOV-2019 To 06-NOV-2019





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

Report between 05-NOV-2019 To 06-NOV-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	16454	16455	SN	1	48.759	49.42	0.0	0.0	107.824	2.755	1038.824	1075.736	0.0	-91.713	-90.043	0.0
2	16454	16455	SN	1	48.758	49.422	0.0	0.003	6.37	2.008	1038.808	1075.76	0.0	-91.684	-90.043	0.0
3	16454	16455	SN	1	48.758	49.422	0.0	0.0	107.824	2.756	1038.808	1075.76	0.0	-91.656	-90.043	0.0
4	16455	16456	SN	1	48.746	49.467	0.0	0.003	6.364	2.583	1037.72	1075.72	0.0	-91.844	-90.032	0.0
5	16455	16456	NS	1	48.723	49.355	0.0	0.0	224.62	2.725	1034.584	1075.064	0.0	-91.657	-90.005	0.0
6	16455	16456	SN	1	48.746	49.467	0.0	0.003	6.364	2.581	1037.72	1075.72	0.0	-91.844	-90.032	0.0
7	16455	16456	SN	1	48.746	49.467	0.0	0.003	6.364	2.423	1037.72	1075.72	0.0	-91.844	-90.032	0.0
8	16456	16457	NS	1	48.724	49.356	0.0	0.003	266.474	2.502	1034.84	1075.2	0.0	-91.651	-89.974	0.0
9	16456	16457	NS	2	48.723	49.356	0.0	0.003	267.284	2.503	1034.832	1075.216	0.0	-91.651	-89.974	0.0
10	16456	16457	SN	1	48.749	49.419	0.0	0.003	6.375	2.493	1037.664	1075.872	0.0	-92.019	-90.062	0.0
11	16456	16457	SN	1	48.796	49.419	0.0	0.003	6.375	2.35	1037.816	1075.872	0.0	-92.019	-90.062	0.0
12	16456	16457	SN	1	48.749	49.419	0.0	0.003	6.375	2.348	1037.664	1075.872	0.0	-92.019	-90.062	0.0
13	16457	16458	NS	1	48.695	49.355	0.0	0.003	19.595	2.601	1034.224	1075.176	0.0	-91.581	-90.022	0.0
14	16457	16458	SN	1	48.744	49.48	0.0	0.003	282.412	2.529	1038.344	1075.8	0.0	-91.72	-90.06	0.0
15	16457	16458	SN	1	48.735	49.479	0.0	0.003	282.412	2.304	1038.192	1075.8	0.0	-91.784	-90.06	0.0
16	16457	16458	SN	1	48.735	49.479	0.0	0.003	282.412	2.519	1038.192	1075.8	0.0	-91.784	-90.06	0.0
17	16458	16459	NS	1	48.72	49.319	0.0	0.003	210.64	2.597	1035.84	1074.368	0.0	-91.497	-89.992	0.0
18	16458	16459	SN	2	48.775	49.417	0.0	0.003	31.047	2.536	1037.392	1075.0	0.0	-91.752	-90.066	0.0
19	16458	16459	SN	1	48.775	49.417	0.0	0.003	31.047	2.536	1037.392	1075.0	0.0	-91.752	-90.066	0.0
20	16458	16459	SN	1	48.775	49.417	0.0	0.003	31.047	2.16	1037.392	1075.0	0.0	-91.752	-90.066	0.0
21	16458	16459	NS	1	48.734	49.319	0.0	0.003	265.442	2.599	1035.832	1074.376	0.0	-91.508	-89.992	0.0
22	16459	16460	SN	1	48.777	49.42	0.0	0.003	31.295	2.563	1037.56	1074.928	0.0	-91.813	-90.067	0.0
23	16459	16460	NS	1	48.706	49.352	0.0	0.0	267.268	2.773	1035.16	1074.304	0.0	-91.587	-90.016	0.0
24	16459	16460	NS	1	48.706	49.352	0.0	0.0	267.268	2.77	1035.16	1074.304	0.0	-91.587	-90.016	0.0
25	16459	16460	SN	2	48.777	49.42	0.0	0.003	31.295	2.565	1037.56	1074.928	0.0	-91.813	-90.067	0.0
26	16459	16460	SN	1	48.777	49.42	0.0	0.003	31.295	1.984	1037.56	1074.928	0.0	-91.813	-90.067	0.0
27	16460	16461	SN	1	48.775	49.436	0.0	0.003	281.166	1.786	1038.256	1074.88	0.0	-91.814	-90.068	0.0
28	16460	16461	NS	2	48.76	49.319	0.0	0.003	210.745	2.57	1035.176	1074.24	0.0	-91.673	-90.026	0.0
29	16460	16461	NS	1	48.761	49.317	0.0	0.003	43.119	2.57	1035.2	1074.224	0.0	-91.673	-90.026	0.0
30	16460	16461	SN	1	48.775	49.436	0.0	0.003	281.166	2.632	1038.256	1074.88	0.0	-91.814	-90.068	0.0
31	16460	16461	SN	1	48.775	49.436	0.0	0.003	281.166	2.634	1038.256	1074.88	0.0	-91.814	-90.068	0.0
32	16461	16462	NS	1	48.734	49.347	0.0	0.003	20.698	2.624	1035.448	1074.36	0.0	-91.985	-90.024	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	16461	16462	SN	1	48.788	49.392	0.0	0.003	6.364	1.563	1039.032	1075.064	0.0	-91.639	-90.061	0.0
34	16461	16462	SN	1	48.788	49.392	0.0	0.003	6.364	2.664	1039.032	1075.064	0.0	-91.639	-90.061	0.0
35	16461	16462	SN	1	48.805	49.386	0.0	0.003	6.364	2.679	1039.032	1075.064	0.0	-91.785	-90.061	0.0
36	16462	16463	SN	1	48.808	49.384	0.0	0.003	215.796	2.563	1039.088	1075.112	0.0	-91.762	-90.034	0.0
37	16462	16463	NS	1	48.714	49.33	0.0	0.003	267.417	2.638	1035.416	1074.44	0.0	-91.606	-89.997	0.0
38	16462	16463	NS	2	48.714	49.33	0.0	0.003	267.417	2.638	1035.416	1074.44	0.0	-91.606	-89.997	0.0
39	16463	16464	SN	1	48.776	49.436	0.0	0.003	28.041	2.561	1037.936	1075.072	0.0	-94.649	-90.073	0.0
40	16463	16464	NS	1	48.76	49.322	0.0	0.0	44.12	2.799	1034.424	1074.352	0.0	-92.069	-90.002	0.0
41	16463	16464	NS	1	48.76	49.322	0.0	0.0	44.12	2.802	1034.424	1074.352	0.0	-92.069	-90.002	0.0
42	16464	16465	SN	2	48.773	49.382	0.0	0.003	6.375	2.638	1039.032	1075.136	0.0	-91.742	-90.048	0.0
43	16464	16465	NS	1	48.721	49.33	0.0	0.003	266.992	2.617	1034.44	1074.304	0.0	-91.724	-90.024	0.0
44	16464	16465	NS	1	48.724	49.318	0.0	0.003	266.992	2.615	1035.496	1074.304	0.0	-91.764	-90.024	0.0
45	16464	16465	SN	1	48.774	49.381	0.0	0.003	6.375	2.637	1039.04	1075.128	0.0	-91.742	-90.048	0.0
46	16465	16466	NS	1	48.706	49.374	0.0	0.003	40.714	2.458	1035.352	1073.816	0.0	-91.755	-90.022	0.0
47	16465	16466	NS	1	48.706	49.374	0.0	0.003	20.488	2.629	1035.352	1074.392	0.0	-91.812	-90.022	0.0
48	16465	16466	NS	1	48.706	49.374	0.0	0.003	20.488	2.631	1035.352	1074.4	0.0	-91.812	-90.022	0.0
49	16465	16466	SN	1	48.833	49.439	0.0	0.008	28.068	2.601	1039.016	1075.152	0.0	-91.711	-90.055	0.0
50	16465	16466	SN	1	48.768	49.439	0.0	0.008	28.068	2.603	1038.808	1075.152	0.0	-91.72	-90.055	0.0
51	16466	16467	NS	2	48.705	49.359	0.0	0.003	267.4	2.593	1034.84	1074.408	0.0	-91.713	-90.02	0.0
52	16466	16467	SN	1	48.802	49.382	0.0	0.003	215.515	2.57	1038.336	1075.12	0.0	-91.666	-90.067	0.0
53	16466	16467	SN	1	48.802	49.382	0.0	0.003	215.515	2.572	1038.328	1075.12	0.0	-91.683	-90.067	0.0
54	16466	16467	NS	1	48.705	49.359	0.0	0.003	267.4	1.96	1034.84	1072.8	0.0	-91.811	-90.02	0.0
55	16466	16467	NS	1	48.705	49.359	0.0	0.003	267.4	2.593	1034.84	1074.408	0.0	-91.713	-90.02	0.0
56	16467	16468	NS	1	48.756	49.36	0.0	0.003	267.069	1.508	1034.288	1071.776	0.0	-91.735	-90.019	0.0
57	16467	16468	NS	1	48.756	49.36	0.0	0.003	267.069	2.591	1034.288	1074.496	0.0	-91.735	-90.019	0.0
58	16467	16468	NS	2	48.756	49.36	0.0	0.003	267.069	2.591	1034.288	1074.496	0.0	-91.735	-90.019	0.0
59	16467	16468	SN	1	48.786	49.42	0.0	0.003	281.386	2.562	1038.088	1075.224	0.0	-91.711	-90.073	0.0
60	16467	16468	SN	2	48.786	49.42	0.0	0.003	281.386	2.562	1038.088	1075.224	0.0	-91.711	-90.073	0.0
61	16468	16469	SN	1	48.799	49.385	0.0	0.0	29.271	2.736	1039.256	1075.28	0.0	-92.028	-90.075	0.0
62	16468	16469	NS	1	48.724	49.333	0.0	0.0	267.318	2.723	1034.608	1074.536	0.0	-91.703	-89.999	0.0
63	16468	16469	SN	2	48.799	49.385	0.0	0.0	29.271	2.737	1039.256	1075.28	0.0	-92.028	-90.075	0.0
64	16468	16469	NS	1	48.724	49.333	0.0	0.0	264.472	2.72	1034.616	1074.608	0.0	-91.776	-89.999	0.0
65	16468	16469	SN	1	48.799	49.385	0.0	0.003	29.271	1.692	1039.256	1075.28	0.0	-91.633	-90.075	0.0
66	16468	16469	NS	1	48.724	49.329	0.0	0.0	264.472	1.736	1034.608	1068.92	0.0	-91.704	-89.999	0.0
67	16469	16470	NS	1	48.749	49.326	0.0	0.003	210.436	2.707	1034.272	1074.392	0.0	-92.01	-90.006	0.0
68	16469	16470	SN	3	48.8	49.383	0.0	0.003	29.326	2.75	1039.232	1075.112	0.0	-91.67	-90.029	0.0
69	16469	16470	SN	1	48.8	49.383	0.0	0.003	29.326	2.75	1039.232	1075.112	0.0	-91.67	-90.029	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	16469	16470	SN	2	48.8	49.383	0.0	0.003	29.326	2.75	1039.232	1075.112	0.0	-91.67	-90.029	0.0
71	16469	16470	SN	1	48.8	49.383	0.0	0.003	29.326	2.444	1039.232	1075.112	0.0	-91.67	-90.029	0.0
72	16470	16471	NS	1	48.758	49.318	0.0	0.003	264.753	2.49	1035.304	1074.568	0.0	-91.787	-90.002	0.0
73	16470	16471	SN	1	48.786	49.383	0.0	0.003	6.375	2.392	1039.072	1075.272	0.0	-91.739	-90.057	0.0
74	16470	16471	SN	2	48.786	49.383	0.0	0.003	6.375	2.391	1039.072	1075.272	0.0	-91.739	-90.057	0.0
75	16470	16471	NS	1	48.757	49.317	0.0	0.003	264.753	2.491	1034.616	1074.576	0.0	-91.787	-90.002	0.0
76	16470	16471	SN	1	48.786	49.383	0.0	0.003	6.375	2.537	1039.072	1075.272	0.0	-91.739	-90.057	0.0
77	16471	16472	NS	1	48.751	49.317	0.0	0.003	264.753	2.556	1034.664	1074.664	0.0	-92.332	-90.014	0.0
78	16471	16472	SN	1	48.765	49.405	0.0	0.008	28.444	2.331	1038.416	1075.304	0.0	-91.774	-90.07	0.0
79	16471	16472	SN	1	48.765	49.405	0.0	0.008	28.444	2.501	1038.416	1075.304	0.0	-91.774	-90.07	0.0
80	16471	16472	SN	1	48.768	49.405	0.0	0.008	28.444	2.499	1038.872	1075.304	0.0	-91.774	-90.07	0.0
81	16472	16473	NS	2	48.737	49.317	0.0	0.0	41.52	2.767	1034.776	1074.56	0.0	-91.5	-90.003	0.0
82	16472	16473	SN	1	48.771	49.437	0.0	0.003	280.929	2.546	1038.824	1075.184	0.0	-91.843	-90.054	0.0
83	16472	16473	SN	1	48.77	49.437	0.0	0.003	280.929	2.549	1038.824	1075.208	0.0	-91.843	-90.054	0.0
84	16472	16473	NS	1	48.737	49.317	0.0	0.0	41.52	2.767	1034.776	1074.56	0.0	-91.5	-90.003	0.0
85	16473	16474	NS	2	48.694	49.317	0.0	0.0	264.803	2.69	1035.456	1074.48	0.0	-91.654	-90.017	0.0
86	16473	16474	SN	1	48.638	49.554	0.0	0.0	263.694	5.542	1037.832	1075.136	0.0	-94.382	-90.07	0.0
87	16473	16474	SN	1	48.638	49.554	0.0	0.0	263.694	11.807	1037.88	1075.136	0.0	-94.382	-90.071	0.0
88	16473	16474	NS	1	48.695	49.316	0.0	0.0	266.904	2.689	1035.472	1074.456	0.0	-91.653	-90.017	0.0
89	16474	16475	SN	1	48.773	49.412	0.0	0.003	6.364	2.612	1038.816	1075.024	0.0	-92.248	-90.07	0.0
90	16474	16475	SN	1	48.773	49.412	0.0	0.003	6.364	1.888	1038.816	1075.024	0.0	-92.248	-90.07	0.0
91	16474	16475	NS	1	48.758	49.317	0.0	0.003	210.684	2.661	1034.776	1074.352	0.0	-91.622	-90.019	0.0
92	16474	16475	NS	1	48.76	49.316	0.0	0.003	207.016	2.656	1034.584	1074.328	0.0	-91.622	-90.019	0.0
93	16475	16476	NS	1	48.757	49.339	0.0	0.003	264.703	2.553	1034.584	1074.392	0.0	-91.706	-90.021	0.0
94	16475	16476	SN	1	48.781	49.382	0.0	0.003	6.364	2.669	1038.496	1075.096	0.0	-91.677	-90.042	0.0
95	16475	16476	SN	1	48.781	49.382	0.0	0.003	6.364	1.65	1038.496	1075.096	0.0	-91.677	-90.042	0.0
96	16475	16476	NS	1	48.759	49.338	0.0	0.003	12.988	2.55	1034.832	1074.352	0.0	-91.706	-90.021	0.0
97	16476	16477	SN	1	48.806	49.435	0.0	0.003	6.364	2.606	1038.584	1075.24	0.0	-91.787	-90.06	0.0
98	16476	16477	NS	2	48.695	49.324	0.0	0.003	43.114	2.664	1034.352	1074.544	0.0	-91.681	-90.016	0.0
99	16476	16477	SN	1	48.806	49.435	0.0	0.003	6.364	2.608	1038.584	1075.24	0.0	-91.787	-90.06	0.0
100	16476	16477	NS	1	48.698	49.322	0.0	0.003	18.001	2.662	1034.368	1074.504	0.0	-91.701	-90.016	0.0
101	16477	16478	SN	1	48.819	49.383	0.0	0.003	6.375	2.535	1039.2	1075.248	0.0	-91.755	-90.045	0.0
102	16477	16478	NS	1	48.692	49.35	0.0	0.003	265.178	2.672	1035.152	1074.552	0.0	-91.835	-90.005	0.0
103	16478	16479	SN	1	48.775	49.411	0.0	0.003	215.521	2.557	1038.08	1075.136	0.0	-91.78	-90.076	0.0
104	16478	16479	NS	1	48.736	49.34	0.0	0.003	264.814	2.719	1034.184	1074.368	0.0	-92.028	-90.005	0.0
105	16479	16480	SN	1	48.787	49.438	0.0	0.003	214.831	2.659	1039.264	1075.192	0.0	-91.783	-90.04	0.0
106	16479	16480	NS	1	48.718	49.316	0.0	0.003	206.581	2.584	1034.712	1074.432	0.0	-91.762	-90.02	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	16479	16480	NS	1	48.718	49.322	0.0	0.003	206.581	2.586	1034.712	1074.432	0.0	-91.796	-90.02	0.0
108	16480	16481	NS	1	48.715	49.336	0.0	0.0	36.653	2.711	1034.976	1074.488	0.0	-91.717	-90.019	0.0
109	16480	16481	SN	1	48.813	49.422	0.0	0.003	6.37	2.591	1038.344	1075.264	0.0	-91.773	-90.052	0.0
110	16480	16481	NS	1	48.715	49.336	0.0	0.0	36.653	2.709	1034.976	1074.488	0.0	-91.806	-90.019	0.0
111	16481	16482	SN	1	48.783	49.418	0.0	0.003	6.37	2.582	1038.936	1075.328	0.0	-91.682	-90.076	0.0
112	16481	16482	NS	1	48.719	49.379	0.0	0.003	206.807	2.592	1034.512	1074.56	0.0	-91.723	-90.018	0.0
113	16481	16482	SN	1	48.781	49.42	0.0	0.003	6.364	2.593	1038.912	1075.352	0.0	-91.682	-90.076	0.0
114	16481	16482	NS	1	48.7	49.345	0.0	0.003	206.807	2.589	1033.96	1074.56	0.0	-91.634	-90.018	0.0
115	16482	16483	NS	1	48.694	49.347	0.0	0.003	207.044	2.654	1033.68	1074.64	0.0	-91.815	-90.017	0.0
116	16482	16483	SN	1	48.799	49.432	0.0	0.003	214.423	2.671	1039.392	1075.408	0.0	-91.671	-90.077	0.0
117	16482	16483	NS	2	48.694	49.347	0.0	0.003	207.044	2.654	1033.68	1074.64	0.0	-91.815	-90.017	0.0
118	16483	16484	NS	2	48.714	49.32	0.0	0.003	210.138	2.675	1034.048	1074.624	0.0	-91.693	-90.015	0.0
119	16483	16484	NS	1	48.714	49.32	0.0	0.003	210.138	2.676	1034.048	1074.624	0.0	-91.693	-90.015	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	16481	16482	NS	1	-34.772	27.124	0.632	-34.784	23.98	0.225	8.337	28.779	24.889	8.373	28.594	35.18	0.116	290.767	3.021	0.116	291.654	2.977	0.116	0.127	0.0	0.116	0.127	0.0
113	16481	16482	SN	1	-33.809	23.383	0.048	-34.351	25.444	0.927	-6.544	29.376	34.368	-7.173	30.072	43.378	0.116	233.022	2.822	0.116	264.001	2.497	0.116	0.531	0.0	0.116	0.599	0.0
114	16481	16482	NS	1	-34.962	27.124	0.632	-34.261	23.98	0.224	8.336	28.779	24.864	8.373	28.594	35.049	0.116	303.876	3.019	0.116	258.604	2.984	0.116	0.127	0.0	0.116	0.127	0.0
115	16482	16483	NS	1	-34.472	25.004	0.49	-33.228	27.758	0.037	6.928	29.579	17.33	6.926	29.87	26.686	0.116	271.399	2.78	0.116	203.85	2.193	0.116	0.131	0.0	0.116	0.131	0.0
116	16482	16483	SN	1	-34.119	23.69	0.09	-33.959	24.681	0.964	4.654	29.143	28.338	4.666	30.154	32.956	0.116	250.241	1.61	0.116	241.19	1.021	0.116	0.143	0.0	0.116	0.143	0.0
117	16482	16483	NS	2	-34.472	25.004	0.49	-33.228	27.758	0.037	6.928	29.579	17.33	6.926	29.87	26.686	0.116	271.399	2.78	0.116	203.85	2.193	0.116	0.131	0.0	0.116	0.131	0.0
118	16483	16484	NS	2	-34.572	24.601	0.381	-34.871	24.383	0.04	7.836	28.406	10.311	7.367	28.448	18.707	0.116	277.71	5.807	0.116	297.468	4.689	0.116	0.128	0.0	0.116	0.13	0.0
119	16483	16484	NS	1	-34.572	24.599	0.379	-34.871	24.383	0.04	7.836	28.406	10.311	7.367	28.448	18.707	0.116	277.71	5.807	0.116	297.468	4.692	0.116	0.128	0.0	0.116	0.13	0.0

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

- Normal
- Deviations
- Alarming
- High Errors

					Outer											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	16454	16455	SN	1	57.589	58.265	0.0	0.0	293.354	4.089	1217.392	1264.104	0.0	-93.144	-92.086	0.0
2	16454	16455	SN	1	57.587	58.267	0.0	0.0	293.354	3.276	1217.376	1264.144	0.0	-93.048	-92.086	0.0
3	16454	16455	SN	1	57.587	58.267	0.0	0.0	293.354	4.094	1217.376	1264.144	0.0	-93.042	-92.086	0.0
4	16455	16456	SN	1	57.587	58.273	0.0	0.0	291.506	3.837	1216.864	1264.08	0.0	-93.174	-92.078	0.0
5	16455	16456	NS	1	57.5	58.165	0.0	0.0	292.372	3.92	1212.176	1262.808	0.0	-93.163	-92.048	0.0
6	16455	16456	SN	1	57.587	58.273	0.0	0.0	291.506	3.833	1216.864	1264.08	0.0	-93.174	-92.078	0.0
7	16455	16456	SN	1	57.587	58.273	0.0	0.0	291.506	3.437	1216.864	1264.08	0.0	-93.174	-92.078	0.0
8	16456	16457	NS	1	57.49	58.166	0.0	0.0	297.016	3.617	1212.272	1262.968	0.0	-93.114	-92.024	0.0
9	16456	16457	NS	2	57.49	58.166	0.0	0.0	297.054	3.614	1212.256	1262.984	0.0	-93.114	-92.024	0.0
10	16456	16457	SN	1	57.557	58.259	0.0	0.0	292.267	3.692	1216.184	1264.272	0.0	-93.078	-92.108	0.0
11	16456	16457	SN	1	57.556	58.259	0.0	0.0	292.267	3.287	1216.128	1264.272	0.0	-93.452	-92.108	0.0
12	16456	16457	SN	1	57.557	58.259	0.0	0.0	292.267	3.297	1216.184	1264.272	0.0	-93.078	-92.108	0.0
13	16457	16458	NS	1	57.475	58.166	0.0	0.0	291.848	3.768	1212.168	1262.936	0.0	-93.164	-92.066	0.0
14	16457	16458	SN	1	57.552	58.277	0.0	0.0	292.361	3.694	1216.856	1264.176	0.0	-93.194	-92.107	0.0
15	16457	16458	SN	1	57.547	58.289	0.0	0.0	292.361	3.271	1216.088	1264.176	0.0	-93.097	-92.107	0.0
16	16457	16458	SN	1	57.547	58.289	0.0	0.0	292.361	3.682	1216.088	1264.176	0.0	-93.097	-92.107	0.0
17	16458	16459	NS	1	57.516	58.125	0.0	0.0	298.13	3.731	1213.968	1261.672	0.0	-93.044	-92.039	0.0
18	16458	16459	SN	2	57.569	58.225	0.0	0.0	299.63	3.764	1216.376	1262.928	0.0	-93.128	-92.113	0.0
19	16458	16459	SN	1	57.569	58.225	0.0	0.0	299.63	3.764	1216.376	1262.928	0.0	-93.128	-92.113	0.0
20	16458	16459	SN	1	57.569	58.225	0.0	0.0	299.63	3.268	1216.376	1262.928	0.0	-93.128	-92.113	0.0
21	16458	16459	NS	1	57.516	58.126	0.0	0.0	298.141	3.733	1214.048	1261.688	0.0	-93.098	-92.039	0.0
22	16459	16460	SN	1	57.568	58.251	0.0	0.0	293.977	3.729	1216.216	1262.848	0.0	-93.141	-92.115	0.0
23	16459	16460	NS	1	57.504	58.127	0.0	0.0	287.861	3.944	1213.792	1261.592	0.0	-93.136	-92.059	0.0
24	16459	16460	NS	1	57.504	58.127	0.0	0.0	287.861	3.94	1213.792	1261.592	0.0	-93.016	-92.059	0.0
25	16459	16460	SN	2	57.568	58.251	0.0	0.0	293.977	3.73	1216.216	1262.848	0.0	-93.141	-92.115	0.0
26	16459	16460	SN	1	57.568	58.251	0.0	0.0	293.977	3.098	1216.216	1262.848	0.0	-93.141	-92.115	0.0
27	16460	16461	SN	1	57.57	58.221	0.0	0.003	290.106	2.95	1216.944	1262.792	0.0	-93.144	-92.104	0.0
28	16460	16461	NS	2	57.54	58.137	0.0	0.0	290.365	3.782	1213.28	1261.536	0.0	-93.392	-92.071	0.0
29	16460	16461	NS	1	57.541	58.135	0.0	0.0	290.359	3.783	1213.32	1261.504	0.0	-93.392	-92.071	0.0
30	16460	16461	SN	1	57.577	58.221	0.0	0.0	290.591	3.834	1216.488	1262.792	0.0	-93.382	-92.104	0.0
31	16460	16461	SN	1	57.57	58.221	0.0	0.0	290.591	3.837	1216.944	1262.792	0.0	-93.325	-92.104	0.0
32	16461	16462	NS	1	57.502	58.129	0.0	0.0	296.437	3.785	1213.12	1261.68	0.0	-93.148	-92.069	0.0
33	16461	16462	SN	1	57.597	58.217	0.0	0.0	289.813	2.598	1217.64	1263.032	0.0	-93.084	-92.106	0.0
34	16461	16462	SN	1	57.597	58.217	0.0	0.0	289.813	3.865	1217.64	1263.032	0.0	-93.084	-92.106	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	16461	16462	SN	1	57.594	58.217	0.0	0.0	289.813	3.872	1217.64	1263.032	0.0	-93.272	-92.106	0.0
36	16462	16463	SN	1	57.58	58.23	0.0	0.0	291.451	3.752	1217.144	1263.088	0.0	-93.137	-92.076	0.0
37	16462	16463	NS	1	57.502	58.125	0.0	0.0	292.416	3.832	1213.496	1261.784	0.0	-93.042	-92.035	0.0
38	16462	16463	NS	2	57.502	58.125	0.0	0.0	292.416	3.832	1213.496	1261.784	0.0	-93.042	-92.035	0.0
39	16463	16464	SN	1	57.583	58.244	0.0	0.0	296.139	3.764	1216.808	1263.032	0.0	-93.122	-92.121	0.0
40	16463	16464	NS	1	57.511	58.137	0.0	0.0	297.148	4.042	1212.688	1261.664	0.0	-93.109	-92.044	0.0
41	16463	16464	NS	1	57.511	58.137	0.0	0.0	297.148	4.039	1212.688	1261.664	0.0	-93.116	-92.044	0.0
42	16464	16465	SN	2	57.575	58.231	0.0	0.0	296.608	3.901	1217.648	1263.192	0.0	-94.73	-92.089	0.0
43	16464	16465	NS	1	57.524	58.125	0.0	0.0	298.957	3.754	1212.92	1261.608	0.0	-93.105	-92.07	0.0
44	16464	16465	NS	1	57.524	58.125	0.0	0.0	298.957	3.75	1212.816	1261.608	0.0	-93.132	-92.07	0.0
45	16464	16465	SN	1	57.575	58.23	0.0	0.0	296.696	3.902	1217.648	1263.176	0.0	-94.73	-92.09	0.0
46	16465	16466	NS	1	57.505	58.144	0.0	0.003	285.611	3.263	1213.432	1260.88	0.0	-93.16	-92.067	0.0
47	16465	16466	NS	1	57.502	58.142	0.0	0.003	289.642	3.731	1212.584	1261.712	0.0	-93.16	-92.067	0.0
48	16465	16466	NS	1	57.505	58.144	0.0	0.003	289.604	3.736	1213.432	1261.736	0.0	-93.16	-92.067	0.0
49	16465	16466	SN	1	57.579	58.235	0.0	0.0	292.78	3.827	1217.6	1263.184	0.0	-93.124	-92.094	0.0
50	16465	16466	SN	1	57.588	58.235	0.0	0.0	292.78	3.831	1217.576	1263.184	0.0	-93.124	-92.094	0.0
51	16466	16467	NS	2	57.499	58.138	0.0	0.0	293.062	3.76	1213.248	1261.752	0.0	-93.147	-92.066	0.0
52	16466	16467	SN	1	57.594	58.225	0.0	0.0	290.839	3.737	1216.936	1263.104	0.0	-93.083	-92.114	0.0
53	16466	16467	SN	1	57.587	58.225	0.0	0.0	290.839	3.741	1216.76	1263.104	0.0	-93.083	-92.114	0.0
54	16466	16467	NS	1	57.499	58.138	0.0	0.0	290.094	3.014	1213.248	1259.992	0.0	-93.144	-92.066	0.0
55	16466	16467	NS	1	57.499	58.138	0.0	0.0	293.062	3.76	1213.248	1261.752	0.0	-93.147	-92.066	0.0
56	16467	16468	NS	1	57.535	58.138	0.0	0.0	292.3	2.361	1212.248	1259.104	0.0	-93.147	-92.065	0.0
57	16467	16468	NS	1	57.535	58.138	0.0	0.0	292.3	3.744	1212.248	1261.848	0.0	-93.152	-92.065	0.0
58	16467	16468	NS	2	57.535	58.138	0.0	0.0	292.3	3.744	1212.248	1261.856	0.0	-93.152	-92.065	0.0
59	16467	16468	SN	1	57.572	58.22	0.0	0.0	290.348	3.748	1217.08	1263.232	0.0	-93.037	-92.121	0.0
60	16467	16468	SN	2	57.572	58.22	0.0	0.0	290.348	3.748	1217.08	1263.232	0.0	-93.037	-92.121	0.0
61	16468	16469	SN	1	57.59	58.227	0.0	0.0	298.698	3.947	1217.92	1263.312	0.0	-93.053	-92.121	0.0
62	16468	16469	NS	1	57.521	58.132	0.0	0.0	295.428	4.017	1212.328	1261.904	0.0	-93.136	-92.04	0.0
63	16468	16469	SN	2	57.59	58.227	0.0	0.0	298.709	3.949	1217.92	1263.312	0.0	-93.052	-92.121	0.0
64	16468	16469	NS	1	57.521	58.123	0.0	0.0	295.422	4.013	1212.344	1262.024	0.0	-93.067	-92.04	0.0
65	16468	16469	SN	1	57.59	58.227	0.0	0.0	288.567	2.85	1217.92	1263.312	0.0	-93.045	-92.121	0.0
66	16468	16469	NS	1	57.521	58.14	0.0	0.0	295.428	2.403	1212.328	1256.024	0.0	-93.219	-92.04	0.0
67	16469	16470	NS	1	57.498	58.126	0.0	0.0	299.167	3.882	1212.416	1261.728	0.0	-93.11	-92.049	0.0
68	16469	16470	SN	3	57.578	58.227	0.0	0.0	297.032	4.066	1217.056	1263.096	0.0	-93.145	-92.074	0.0
69	16469	16470	SN	1	57.578	58.227	0.0	0.0	297.032	4.066	1217.056	1263.096	0.0	-93.145	-92.074	0.0
70	16469	16470	SN	2	57.578	58.227	0.0	0.0	297.032	4.066	1217.056	1263.096	0.0	-93.145	-92.074	0.0
71	16469	16470	SN	1	57.578	58.227	0.0	0.0	297.032	3.588	1217.056	1263.096	0.0	-93.145	-92.074	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	16470	16471	NS	1	57.537	58.132	0.0	0.0	294.589	3.61	1212.768	1261.936	0.0	-93.39	-92.044	0.0
73	16470	16471	SN	1	57.58	58.219	0.0	0.0	294.275	3.389	1216.752	1263.296	0.0	-93.137	-92.104	0.0
74	16470	16471	SN	2	57.58	58.219	0.0	0.0	294.275	3.389	1216.752	1263.296	0.0	-93.137	-92.104	0.0
75	16470	16471	NS	1	57.536	58.124	0.0	0.003	294.589	3.614	1212.52	1261.952	0.0	-93.125	-92.044	0.0
76	16470	16471	SN	1	57.58	58.219	0.0	0.0	294.275	3.797	1216.752	1263.296	0.0	-93.137	-92.104	0.0
77	16471	16472	NS	1	57.482	58.263	0.0	0.0	293.596	3.642	1212.832	1262.064	0.0	-95.893	-92.052	0.0
78	16471	16472	SN	1	57.575	58.233	0.0	0.0	292.56	3.309	1217.192	1263.408	0.0	-93.153	-92.117	0.0
79	16471	16472	SN	1	57.575	58.233	0.0	0.0	292.56	3.727	1217.192	1263.408	0.0	-93.153	-92.117	0.0
80	16471	16472	SN	1	57.575	58.233	0.0	0.0	292.56	3.723	1216.752	1263.408	0.0	-93.176	-92.117	0.0
81	16472	16473	NS	2	57.507	58.124	0.0	0.0	296.944	3.844	1212.48	1261.936	0.0	-93.202	-92.046	0.0
82	16472	16473	SN	1	57.579	58.247	0.0	0.0	291.192	3.692	1217.384	1263.184	0.0	-93.269	-92.093	0.0
83	16472	16473	SN	1	57.572	58.248	0.0	0.0	291.269	3.697	1217.392	1263.208	0.0	-93.269	-92.093	0.0
84	16472	16473	NS	1	57.507	58.124	0.0	0.0	296.944	3.845	1212.48	1261.936	0.0	-93.202	-92.046	0.0
85	16473	16474	NS	2	57.509	58.124	0.0	0.0	297.501	3.891	1213.568	1261.824	0.0	-93.088	-92.06	0.0
86	16473	16474	SN	1	57.256	58.364	0.0	0.0	290.822	6.762	1209.888	1263.12	0.0	-95.698	-92.118	0.0
87	16473	16474	SN	1	57.256	58.364	0.001	0.0	290.822	13.803	1209.888	1263.12	0.001	-95.698	-92.118	0.0
88	16473	16474	NS	1	57.51	58.125	0.0	0.0	293.431	3.889	1213.592	1261.784	0.0	-93.088	-92.06	0.0
89	16474	16475	SN	1	57.568	58.241	0.0	0.0	299.47	3.818	1217.368	1262.992	0.0	-93.088	-92.118	0.0
90	16474	16475	SN	1	57.559	58.241	0.0	0.0	299.47	3.054	1217.368	1262.992	0.0	-93.088	-92.118	0.0
91	16474	16475	NS	1	57.512	58.124	0.0	0.0	297.584	3.8	1213.008	1261.672	0.0	-93.06	-92.064	0.0
92	16474	16475	NS	1	57.513	58.123	0.0	0.0	297.54	3.792	1212.72	1261.632	0.0	-93.147	-92.065	0.0
93	16475	16476	NS	1	57.527	58.15	0.0	0.0	288.545	3.712	1212.464	1261.728	0.0	-93.126	-92.066	0.0
94	16475	16476	SN	1	57.572	58.24	0.0	0.0	293.541	3.904	1217.424	1263.096	0.0	-93.164	-92.091	0.0
95	16475	16476	SN	1	57.572	58.24	0.0	0.0	293.541	2.813	1217.424	1263.096	0.0	-93.164	-92.091	0.0
96	16475	16476	NS	1	57.523	58.148	0.0	0.003	288.473	3.709	1212.736	1261.672	0.0	-93.126	-92.067	0.0
97	16476	16477	SN	1	57.563	58.25	0.0	0.0	291.793	3.815	1217.384	1263.264	0.0	-93.582	-92.097	0.0
98	16476	16477	NS	2	57.5	58.131	0.0	0.0	297.165	3.787	1212.696	1261.92	0.0	-93.164	-92.06	0.0
99	16476	16477	SN	1	57.563	58.25	0.0	0.0	291.793	3.818	1217.384	1263.264	0.0	-93.582	-92.097	0.0
100	16476	16477	NS	1	57.502	58.133	0.0	0.0	292.736	3.786	1212.576	1261.864	0.0	-93.363	-92.061	0.0
101	16477	16478	SN	1	57.598	58.232	0.0	0.0	291.766	3.721	1217.968	1263.28	0.0	-93.124	-92.085	0.0
102	16477	16478	NS	1	57.508	58.144	0.0	0.0	297.413	3.97	1212.784	1261.928	0.0	-93.159	-92.024	0.0
103	16478	16479	SN	1	57.563	58.249	0.0	0.0	292.378	3.782	1216.712	1263.144	0.0	-93.155	-92.122	0.0
104	16478	16479	NS	1	57.508	58.138	0.0	0.0	290.232	3.836	1212.576	1261.68	0.0	-93.274	-92.046	0.0
105	16479	16480	SN	1	57.566	58.241	0.0	0.0	299.498	3.898	1217.864	1263.216	0.0	-93.092	-92.088	0.0
106	16479	16480	NS	1	57.502	58.134	0.0	0.0	293.839	3.725	1212.608	1261.768	0.0	-93.162	-92.066	0.0
107	16479	16480	NS	1	57.502	58.13	0.0	0.0	293.839	3.729	1212.608	1261.768	0.0	-93.162	-92.066	0.0
108	16480	16481	NS	1	57.515	58.121	0.0	0.0	299.321	3.764	1212.92	1261.832	0.0	-93.229	-92.064	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	16480	16481	SN	1	57.583	58.245	0.0	0.0	296.575	3.799	1217.68	1263.312	0.0	-93.104	-92.099	0.0
110	16480	16481	NS	1	57.522	58.136	0.0	0.0	299.321	3.76	1212.92	1261.832	0.0	-93.144	-92.064	0.0
111	16481	16482	SN	1	57.58	58.221	0.0	0.0	293.266	3.742	1217.392	1263.392	0.0	-93.288	-92.123	0.0
112	16481	16482	NS	1	57.503	58.128	0.0	0.003	290.679	3.725	1211.992	1261.92	0.0	-93.139	-92.062	0.0
113	16481	16482	SN	1	57.58	58.222	0.0	0.0	298.659	3.757	1217.4	1263.432	0.0	-93.288	-92.123	0.0
114	16481	16482	NS	1	57.506	58.135	0.0	0.003	290.679	3.733	1212.768	1261.92	0.0	-93.139	-92.062	0.0
115	16482	16483	NS	1	57.499	58.117	0.0	0.0	295.472	3.814	1212.008	1262.016	0.0	-93.232	-92.062	0.0
116	16482	16483	SN	1	57.577	58.227	0.0	0.0	291.131	3.872	1217.72	1263.472	0.0	-93.078	-92.125	0.0
117	16482	16483	NS	2	57.499	58.117	0.0	0.0	295.472	3.814	1212.008	1262.016	0.0	-93.232	-92.062	0.0
118	16483	16484	NS	2	57.503	58.12	0.0	0.0	296.679	3.935	1212.184	1262.008	0.0	-93.144	-92.061	0.0
119	16483	16484	NS	1	57.503	58.12	0.0	0.0	296.679	3.936	1212.184	1262.008	0.0	-93.144	-92.061	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	16479	16480	NS	1	-34.864	17.819	0.0	-34.513	21.293	0.0	-4.7	22.636	0.028	-3.302	23.451	0.379	0.086	227.102	3.572	0.086	209.442	3.478	0.086	0.288	0.0	0.086	0.229	0.0
108	16480	16481	NS	1	-34.875	19.353	0.0	-34.671	20.52	0.0	-4.732	22.372	0.034	-2.729	23.847	0.443	0.086	227.666	2.721	0.086	217.224	2.49	0.086	0.29	0.0	0.086	0.21	0.0
109	16480	16481	SN	1	-31.874	17.398	0.0	-34.543	17.648	0.0	-14.794	22.769	0.048	-13.1	22.857	0.105	0.087	114.1	1.451	0.087	210.87	1.479	0.086	2.298	0.007	0.086	1.577	0.003
110	16480	16481	NS	1	-34.875	19.353	0.0	-34.861	20.52	0.0	-4.732	22.372	0.034	-2.729	23.847	0.443	0.086	227.666	2.718	0.086	226.893	2.484	0.086	0.29	0.0	0.086	0.21	0.0
111	16481	16482	SN	1	-34.024	17.537	0.0	-34.96	18.376	0.0	-23.113	22.594	0.154	-25.556	23.659	0.375	0.087	187.166	2.372	0.086	232.153	2.121	0.086	15.23	0.191	0.086	26.688	0.234
112	16481	16482	NS	1	-34.844	20.8	0.0	-34.482	16.448	0.0	1.261	22.392	0.026	1.58	23.108	0.491	0.086	226.033	3.269	0.087	207.928	3.038	0.086	0.132	0.0	0.086	0.129	0.0
113	16481	16482	SN	1	-34.119	17.537	0.0	-34.96	18.376	0.0	-23.113	22.594	0.157	-25.552	23.659	0.374	0.087	191.257	2.37	0.086	232.153	2.123	0.086	15.23	0.19	0.086	26.654	0.233
114	16481	16482	NS	1	-34.721	20.8	0.0	-34.721	16.448	0.0	1.261	22.392	0.026	1.578	23.108	0.489	0.086	219.706	3.259	0.087	219.654	3.053	0.086	0.132	0.0	0.086	0.129	0.0
115	16482	16483	NS	1	-34.781	17.718	0.0	-34.253	20.473	0.0	1.813	22.732	0.167	1.481	23.635	0.506	0.086	222.733	2.242	0.086	197.252	1.995	0.086	0.126	0.0	0.086	0.13	0.0
116	16482	16483	SN	1	-33.788	16.833	0.0	-32.49	17.853	0.0	1.615	22.483	0.087	2.624	23.072	0.76	0.087	177.256	1.245	0.086	131.457	0.973	0.086	0.128	0.0	0.086	0.119	0.0
117	16482	16483	NS	2	-34.781	17.718	0.0	-34.253	20.473	0.0	1.813	22.732	0.167	1.481	23.635	0.506	0.086	222.733	2.242	0.086	197.252	1.995	0.086	0.126	0.0	0.086	0.13	0.0
118	16483	16484	NS	2	-34.716	18.591	0.0	-34.852	20.057	0.0	1.686	22.945	0.102	0.616	23.527	0.202	0.086	219.445	4.665	0.086	226.424	4.346	0.086	0.128	0.0	0.086	0.14	0.0
119	16483	16484	NS	1	-34.716	18.591	0.0	-34.852	20.049	0.0	1.686	22.945	0.102	0.616	23.527	0.202	0.086	219.445	4.665	0.086	226.424	4.348	0.086	0.128	0.0	0.086	0.14	0.0

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