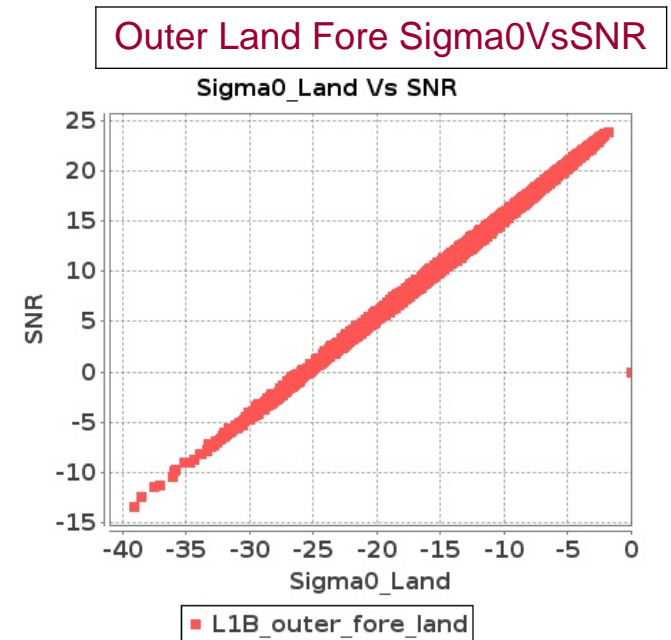
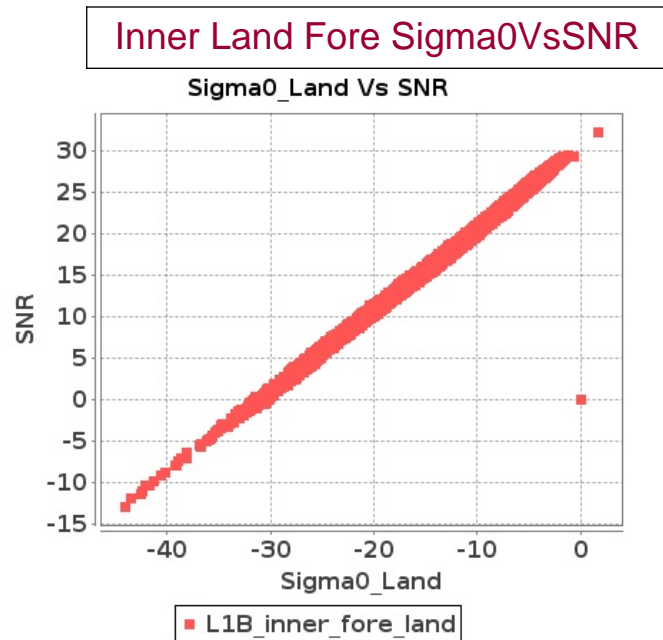
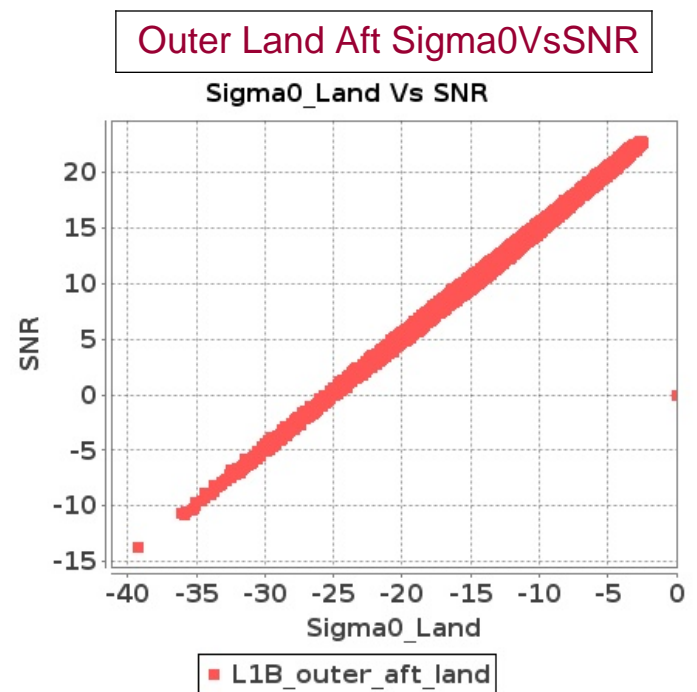
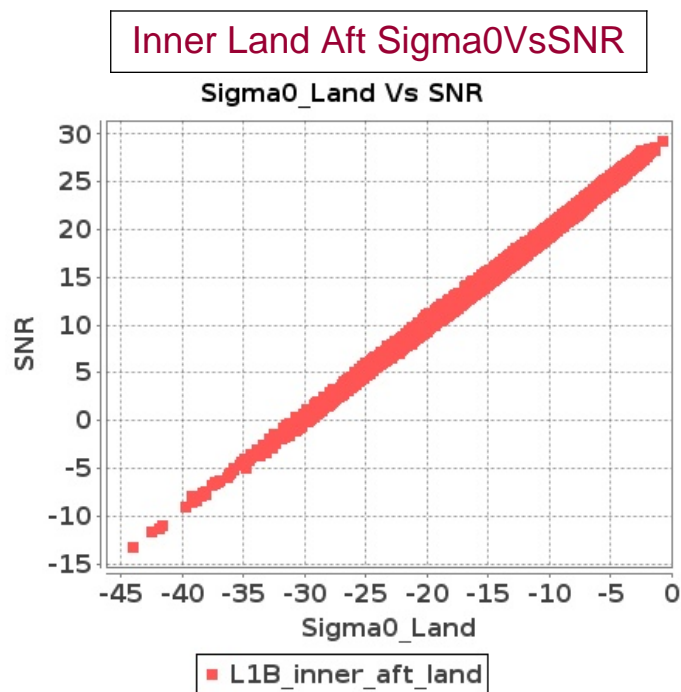
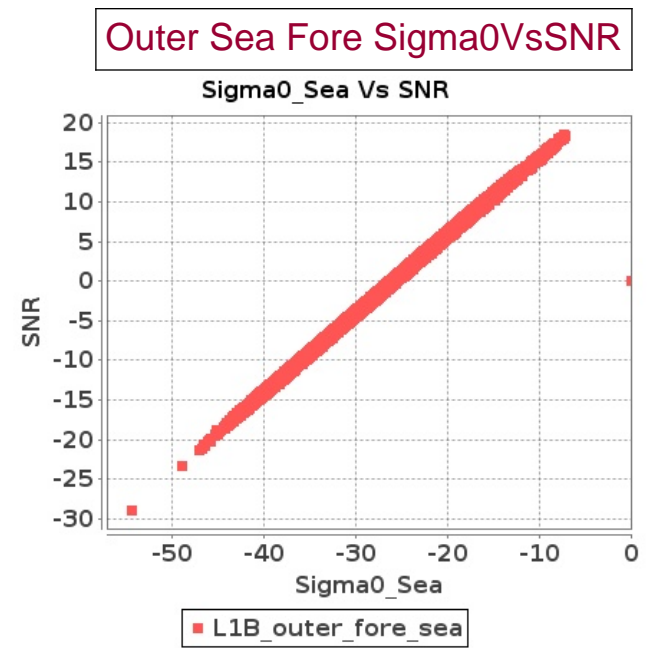
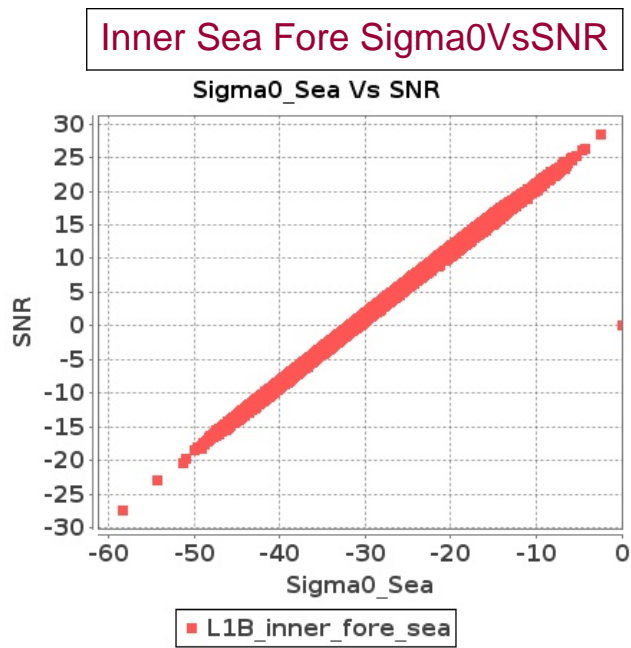
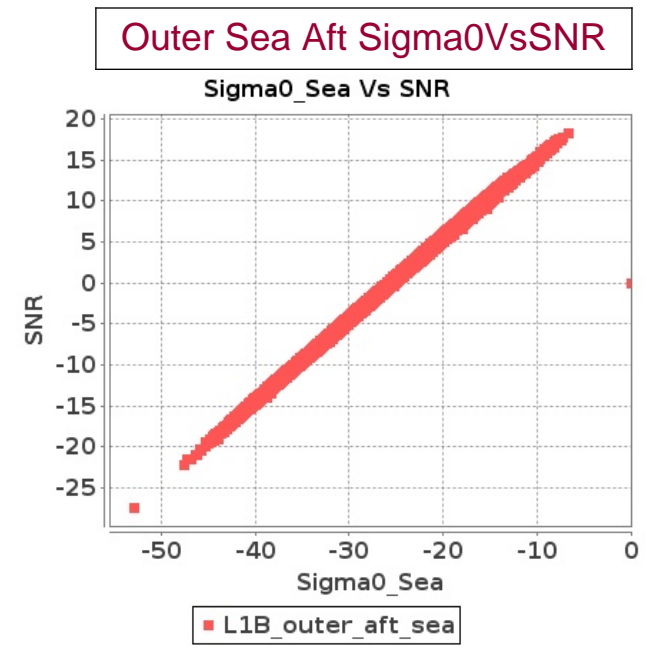
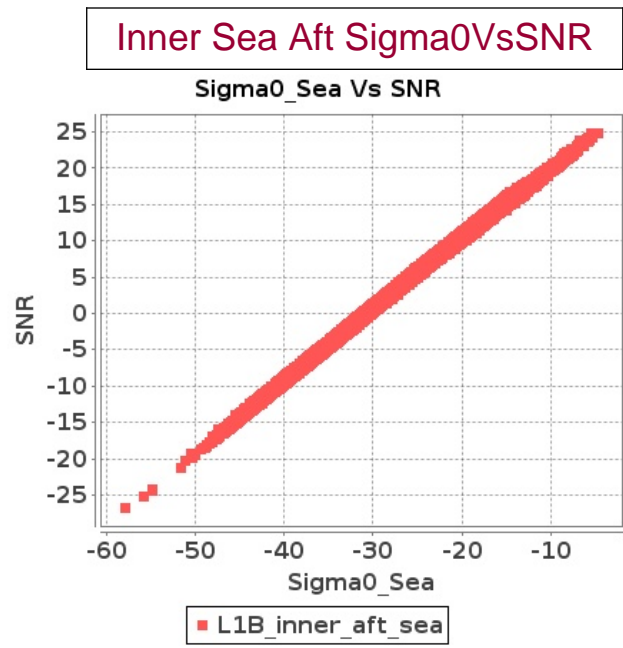
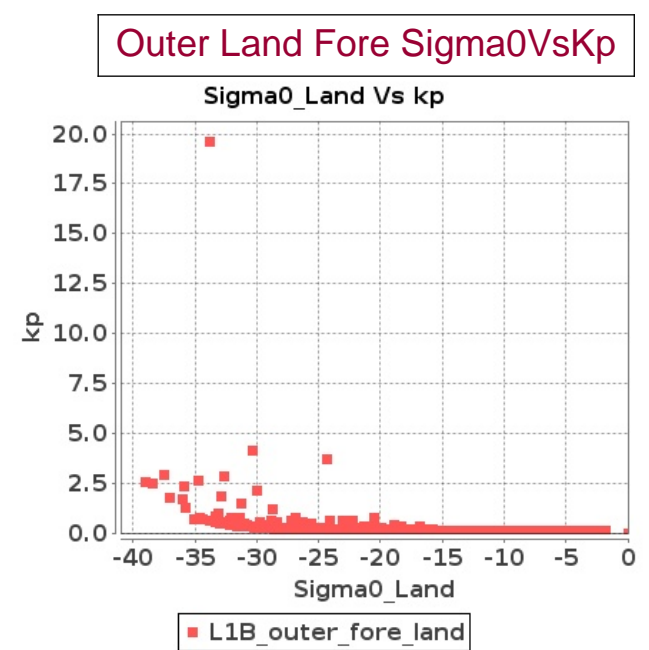
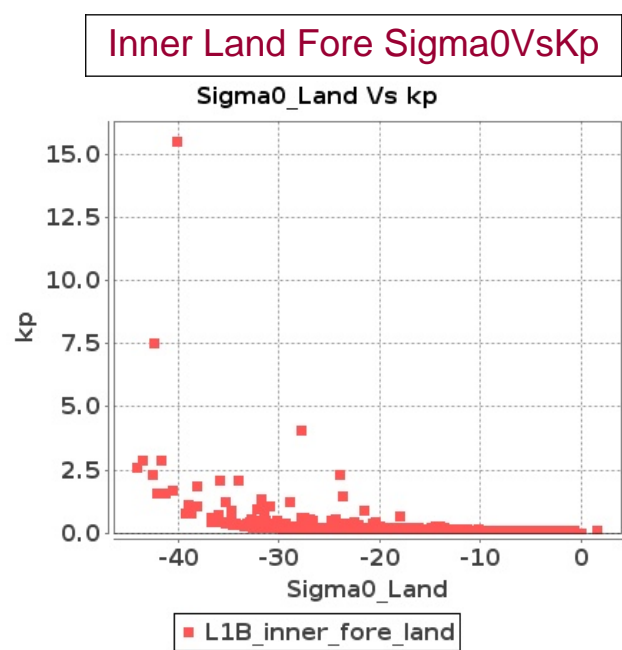
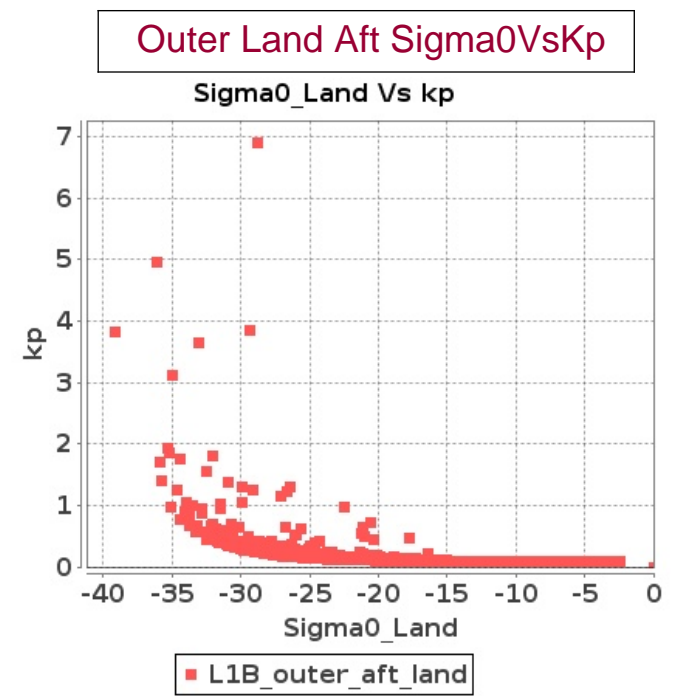
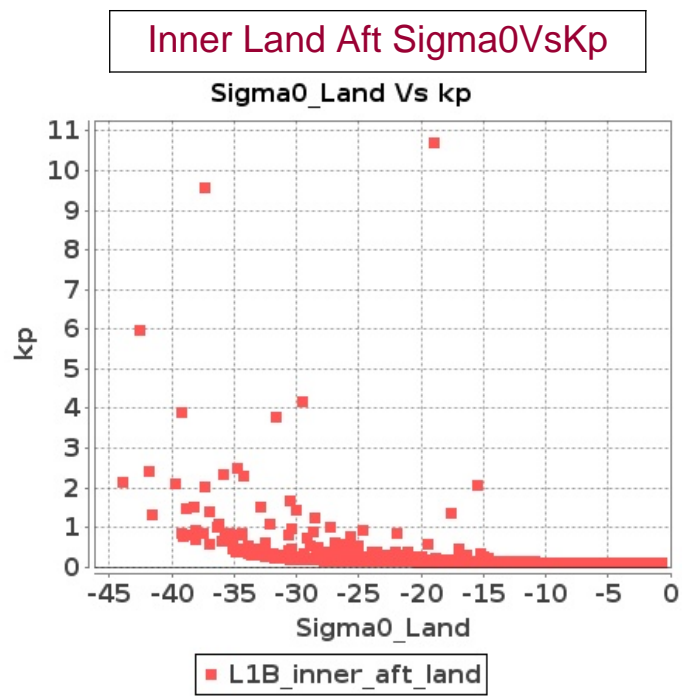
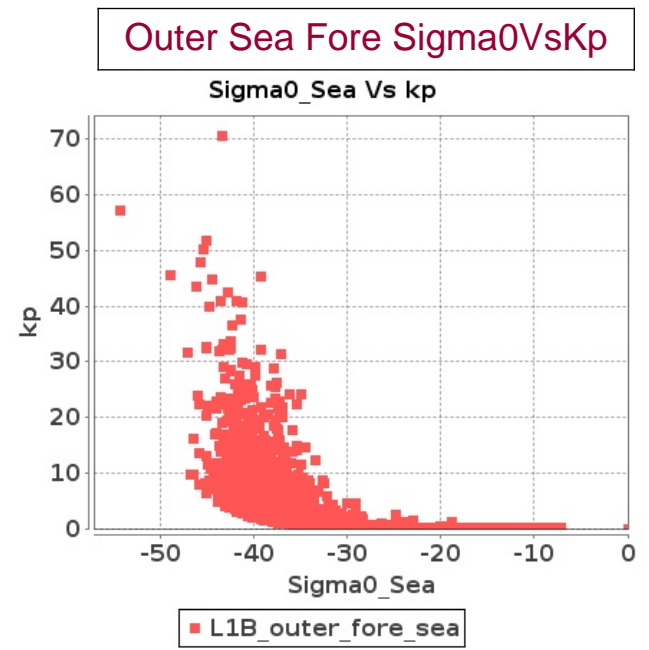
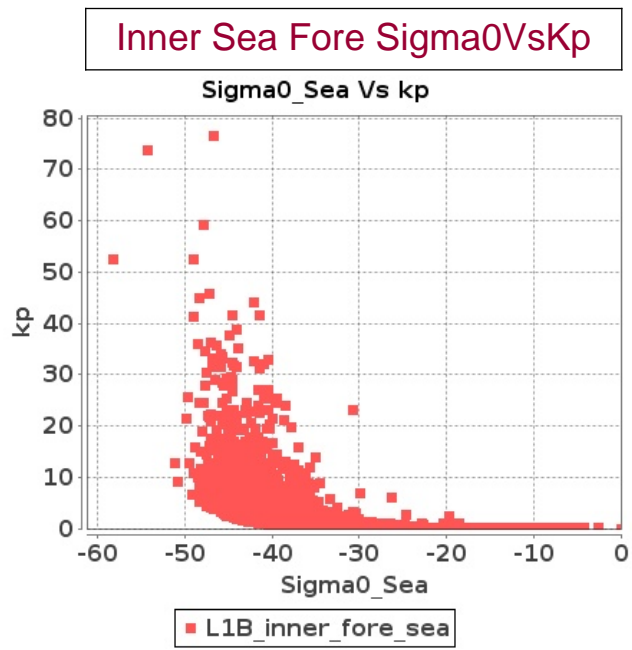
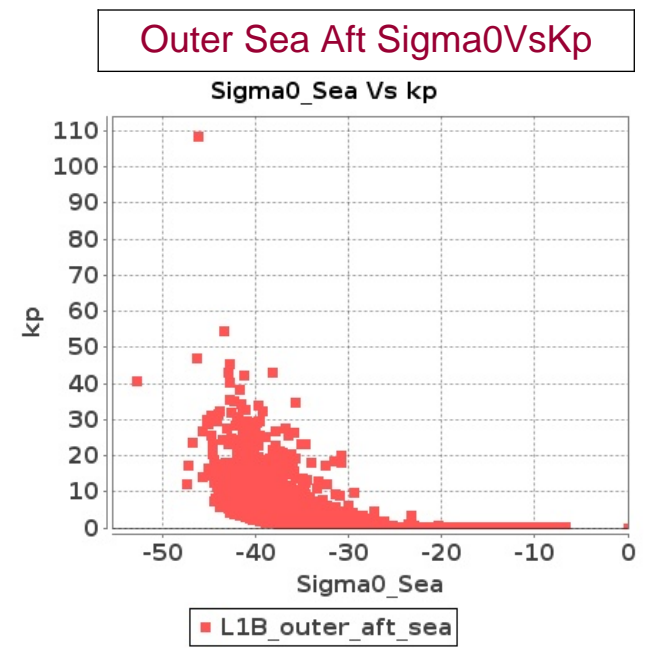
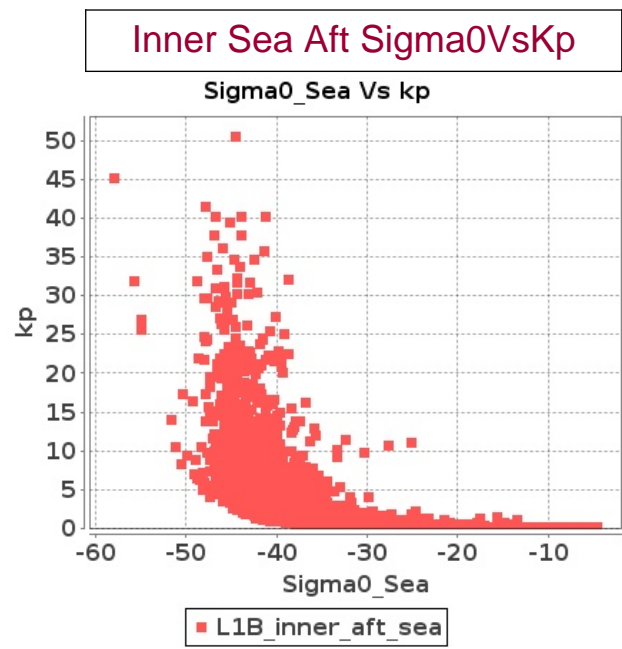


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 11-JAN-2019 To 12-JAN-2019





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

Report between 11-JAN-2019 To 12-JAN-2019

					Inner											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	12136	12137	SN	1	48.859	49.492	0.0	0.003	6.138	2.485	1049.928	1087.544	0.0	-91.748	-90.043	0.0
2	12136	12137	SN	1	48.859	49.492	0.0	0.003	6.138	2.267	1051.104	1087.544	0.0	-91.748	-90.06	0.0
3	12136	12137	NS	1	48.624	49.269	0.0	0.0	56.132	2.711	1016.096	1082.616	26.958	-91.495	-89.708	0.0
4	12137	12138	NS	1	48.643	49.319	0.0	0.0	166.713	2.943	1016.648	1082.576	27.75	-91.734	-89.685	0.0
5	12137	12138	SN	1	48.855	49.537	0.0	0.003	6.111	2.104	1051.576	1087.984	0.0	-92.232	-90.068	0.0
6	12150	12151	SN	1	48.817	49.558	0.0	0.003	6.75	2.388	1049.808	1088.648	0.0	-91.847	-90.044	0.0
7	12150	12151	SN	1	48.85	49.528	0.0	0.003	6.75	2.386	1049.808	1088.648	0.0	-91.865	-90.044	0.0
8	12151	12152	NS	1	48.547	49.32	0.0	0.0	267.56	2.801	1016.44	1083.64	26.79	-92.33	-89.682	0.0
9	12151	12152	SN	1	48.869	49.505	0.0	0.003	215.124	2.323	1050.248	1088.472	0.0	-91.895	-90.054	0.0
10	12151	12152	SN	1	48.869	49.505	0.0	0.003	215.124	2.536	1049.352	1088.472	0.0	-91.895	-90.041	0.0
11	12151	12152	NS	2	48.547	49.32	0.0	0.0	267.56	2.801	1016.44	1083.64	26.79	-92.33	-89.682	0.0
12	12152	12153	SN	1	48.867	49.56	0.0	0.003	6.447	2.542	1048.912	1088.472	0.0	-91.842	-90.035	0.0
13	12152	12153	SN	1	48.867	49.56	0.0	0.003	6.447	2.087	1050.856	1088.472	0.0	-91.842	-90.057	0.0
14	12152	12153	NS	1	48.64	49.276	0.0	0.003	207.816	2.641	1016.424	1083.648	28.083	-91.905	-89.697	0.0
15	12152	12153	NS	1	48.639	49.277	0.0	0.003	210.8	2.645	1016.408	1083.664	28.002	-91.651	-89.697	0.0
16	12153	12154	NS	2	48.64	49.318	0.0	0.0	267.312	2.761	1016.376	1083.608	28.305	-91.703	-89.697	0.0
17	12153	12154	SN	1	48.855	49.55	0.0	0.003	279.875	1.884	1051.168	1089.416	0.0	-91.879	-90.069	0.0
18	12153	12154	SN	1	48.855	49.55	0.0	0.003	279.875	2.593	1048.808	1089.416	0.0	-91.879	-90.035	0.0
19	12153	12154	SN	1	48.855	49.55	0.0	0.003	279.875	2.595	1048.808	1089.416	0.0	-91.879	-90.035	0.0
20	12153	12154	NS	1	48.641	49.32	0.0	0.0	210.701	2.761	1016.4	1083.576	28.302	-91.703	-89.697	0.0
21	12154	12155	SN	1	48.863	49.52	0.0	0.0	10.6	2.608	1049.36	1088.8	0.0	-91.907	-90.042	0.0
22	12154	12155	NS	1	48.581	49.54	0.0	0.0	251.368	2.741	1015.504	1083.728	28.613	-94.045	-89.701	0.0
23	12154	12155	SN	1	48.836	49.52	0.0	0.0	10.6	1.704	1050.928	1088.8	0.0	-91.907	-90.08	0.0
24	12154	12155	SN	1	48.836	49.52	0.0	0.0	10.6	2.611	1049.336	1088.8	0.0	-91.907	-90.042	0.0
25	12154	12155	NS	2	48.584	49.541	0.0	0.0	265.106	2.743	1015.536	1083.688	28.601	-94.045	-89.701	0.0
26	12155	12156	NS	1	48.615	49.278	0.0	0.003	266.783	2.69	1016.048	1083.864	28.864	-91.699	-89.7	0.0
27	12155	12156	SN	1	48.869	49.646	0.0	0.003	6.48	2.591	1048.816	1090.368	0.0	-94.19	-90.027	0.0
28	12155	12156	SN	1	48.869	49.646	0.0	0.003	6.48	1.545	1051.712	1090.368	0.0	-94.19	-90.049	0.0
29	12156	12157	NS	1	48.612	49.636	0.0	0.0	253.574	2.807	1016.16	1090.2	27.902	-94.374	-89.699	0.0
30	12156	12157	SN	1	48.869	49.631	0.0	0.003	279.754	2.533	1048.936	1090.176	0.0	-94.472	-90.009	0.0
31	12157	12158	SN	1	48.861	49.535	0.0	0.0	148.254	2.838	1048.744	1088.816	0.0	-92.437	-90.017	0.0
32	12157	12158	NS	1	48.625	49.325	0.0	0.003	267.704	2.727	1015.384	1084.56	29.104	-91.746	-89.684	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	12157	12158	NS	1	48.625	49.329	0.0	0.003	267.704	2.73	1015.384	1083.872	29.136	-91.842	-89.684	0.0
34	12158	12159	SN	1	48.862	49.536	0.0	0.003	6.458	2.648	1048.456	1089.368	0.0	-92.313	-90.018	0.0
35	12158	12159	NS	1	48.586	49.328	0.0	0.003	210.712	2.413	1016.176	1083.312	29.361	-91.833	-89.704	0.0
36	12158	12159	NS	1	48.586	49.328	0.0	0.003	210.712	2.402	1016.176	1083.312	29.39	-91.784	-89.704	0.0
37	12159	12160	SN	1	48.867	49.541	0.0	0.003	214.782	2.557	1048.304	1089.048	0.0	-91.905	-90.031	0.0
38	12159	12160	SN	1	48.867	49.541	0.0	0.003	214.782	2.559	1048.304	1089.048	0.0	-91.905	-90.031	0.0
39	12159	12160	NS	1	48.586	49.298	0.0	0.003	264.968	2.603	1016.032	1083.776	29.078	-91.702	-89.702	0.0
40	12159	12160	NS	1	48.586	49.298	0.0	0.003	264.968	2.682	1016.032	1084.176	29.007	-91.702	-89.702	0.0
41	12160	12161	NS	1	48.637	49.316	0.0	0.003	264.676	2.7	1015.88	1084.304	29.89	-91.405	-89.701	0.0
42	12160	12161	NS	2	48.637	49.316	0.0	0.003	264.676	2.7	1015.88	1084.304	29.89	-91.405	-89.701	0.0
43	12160	12161	SN	1	48.855	49.561	0.0	0.003	6.447	2.569	1048.104	1089.544	0.0	-91.887	-90.029	0.0
44	12160	12161	NS	1	48.637	49.264	0.0	0.003	264.676	1.761	1015.88	1078.208	32.248	-91.586	-89.701	0.0
45	12161	12162	SN	1	48.841	49.527	0.0	0.003	6.486	2.664	1048.112	1089.344	0.0	-91.863	-90.029	0.0
46	12161	12162	NS	1	48.582	49.282	0.0	0.003	267.682	1.605	1015.088	1073.368	33.225	-91.429	-89.699	0.0
47	12161	12162	NS	2	48.582	49.282	0.0	0.003	267.682	2.679	1015.088	1084.392	29.149	-91.519	-89.699	0.0
48	12161	12162	SN	1	48.841	49.527	0.0	0.003	6.486	1.544	1050.816	1089.344	0.0	-91.863	-90.069	0.0
49	12161	12162	NS	1	48.583	49.283	0.0	0.003	267.682	2.681	1015.096	1084.392	29.14	-91.519	-89.699	0.0
50	12161	12162	SN	2	48.841	49.527	0.0	0.003	6.486	2.664	1048.112	1089.344	0.0	-91.863	-90.029	0.0
51	12162	12163	NS	2	48.59	49.28	0.0	0.003	264.797	2.759	1015.608	1084.4	26.931	-91.544	-89.701	0.0
52	12162	12163	NS	1	48.59	49.28	0.0	0.003	264.797	2.759	1015.608	1084.4	26.931	-91.544	-89.701	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

34	12158	12159	SN	1	-33.339	23.165	0.09	-34.793	25.373	2.315	-17.198	30.187	13.894	-14.59	29.785	13.073	0.116	209.162	2.42	0.116	292.274	1.55	0.116	5.173	0.008	0.116	2.878	0.009
35	12158	12159	NS	1	-34.917	25.138	2.115	-34.96	25.37	1.536	5.718	29.882	19.082	4.026	31.703	28.151	0.116	300.686	4.152	0.116	303.755	3.95	0.116	0.137	0.0	0.116	0.147	0.0
36	12158	12159	NS	1	-34.917	25.138	2.115	-34.96	25.37	1.536	5.72	29.882	18.89	4.026	31.703	27.967	0.116	300.686	4.158	0.116	303.755	3.95	0.116	0.137	0.0	0.116	0.147	0.0
37	12159	12160	SN	1	-34.25	24.284	0.112	-34.403	25.629	3.354	-4.409	30.772	16.661	-3.983	30.185	19.076	0.116	257.954	2.434	0.116	267.223	2.103	0.116	0.364	0.0	0.116	0.34	0.0
38	12159	12160	SN	1	-34.25	24.277	0.112	-34.403	25.629	3.356	-4.401	30.772	16.662	-3.98	30.185	19.115	0.116	257.954	2.433	0.116	267.223	2.103	0.116	0.364	0.0	0.116	0.339	0.0
39	12159	12160	NS	1	-34.804	27.197	1.963	-34.789	28.306	1.791	12.321	28.069	33.546	12.755	29.876	48.541	0.116	293.031	2.489	0.116	291.936	2.175	0.116	0.12	0.0	0.116	0.12	0.0
40	12159	12160	NS	1	-34.804	27.197	1.963	-34.789	28.306	1.791	12.321	28.069	34.229	12.755	29.876	48.18	0.116	293.031	2.489	0.116	291.936	2.175	0.116	0.12	0.0	0.116	0.12	0.0
41	12160	12161	NS	1	-34.365	25.959	1.696	-33.461	25.902	0.934	8.71	29.141	35.942	8.479	29.8	46.383	0.116	264.777	2.634	0.116	215.111	2.244	0.116	0.126	0.0	0.116	0.127	0.0
42	12160	12161	NS	2	-34.365	25.959	1.696	-33.461	25.902	0.934	8.71	29.141	35.942	8.479	29.8	46.383	0.116	264.777	2.634	0.116	215.111	2.244	0.116	0.126	0.0	0.116	0.127	0.0
43	12160	12161	SN	1	-34.837	23.999	0.264	-34.942	25.817	2.694	-1.667	29.28	36.418	-3.584	29.607	44.355	0.116	295.196	8.07	0.116	302.396	6.972	0.116	0.243	0.0	0.116	0.319	0.0
44	12160	12161	NS	1	-34.365	25.959	1.696	-33.461	25.902	0.934	8.715	27.978	27.708	8.479	29.785	39.867	0.116	264.777	2.636	0.116	215.111	2.244	0.116	0.126	0.0	0.116	0.127	0.0
45	12161	12162	SN	1	-34.606	24.174	0.469	-34.646	26.237	2.586	6.666	29.576	32.989	8.362	29.992	39.501	0.116	279.912	6.167	0.116	282.551	6.227	0.116	0.132	0.0	0.116	0.127	0.0
46	12161	12162	NS	1	-34.383	25.255	1.637	-34.673	27.224	0.45	8.63	28.394	5.365	8.484	28.827	5.039	0.116	265.934	2.28	0.116	284.234	1.856	0.116	0.126	0.0	0.116	0.127	0.0
47	12161	12162	NS	2	-34.383	25.51	1.776	-34.673	27.224	0.451	7.898	28.996	20.198	8.484	30.062	30.633	0.116	265.934	2.22	0.116	284.234	1.858	0.116	0.128	0.0	0.116	0.127	0.0
48	12161	12162	SN	1	-34.606	22.644	0.003	-34.646	23.086	0.033	6.666	29.599	30.098	8.362	29.992	37.354	0.116	279.912	6.33	0.116	282.551	6.647	0.116	0.132	0.0	0.116	0.127	0.0
49	12161	12162	NS	1	-34.383	25.51	1.776	-34.591	27.223	0.451	7.898	28.996	20.197	8.484	30.062	30.634	0.116	265.934	2.22	0.116	278.97	1.858	0.116	0.128	0.0	0.116	0.127	0.0
50	12161	12162	SN	2	-34.606	24.174	0.469	-34.646	26.237	2.586	6.666	29.576	32.989	8.362	29.992	39.501	0.116	279.912	6.167	0.116	282.551	6.227	0.116	0.132	0.0	0.116	0.127	0.0
51	12162	12163	NS	2	-34.786	25.453	1.709	-33.746	25.467	0.366	7.062	29.59	16.878	8.311	30.216	29.236	0.116	291.753	1.575	0.116	229.677	1.356	0.116	0.131	0.0	0.116	0.127	0.0
52	12162	12163	NS	1	-34.786	25.453	1.709	-33.746	25.467	0.366	7.062	29.59	16.878	8.311	30.216	29.236	0.116	291.753	1.575	0.116	229.677	1.356	0.116	0.131	0.0	0.116	0.127	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	12136	12137	SN	1	57.636	58.365	0.0	0.0	283.785	3.372	1231.072	1278.992	0.0	-93.236	-92.099	0.0
2	12136	12137	SN	1	57.636	58.365	0.0	0.003	283.785	3.079	1232.32	1278.992	0.0	-93.236	-92.116	0.0
3	12136	12137	NS	1	57.358	58.122	0.0	0.0	297.656	3.835	1189.712	1271.816	41.523	-94.239	-91.761	0.0
4	12137	12138	NS	1	57.372	58.124	0.0	0.0	296.216	4.081	1190.576	1271.768	40.732	-93.392	-91.733	0.0
5	12137	12138	SN	1	57.657	58.395	0.0	0.0	283.923	3.039	1233.056	1279.296	0.0	-93.334	-92.121	0.0
6	12150	12151	SN	1	57.636	58.384	0.0	0.003	295.466	2.998	1230.864	1280.216	0.138	-93.865	-92.099	0.0
7	12150	12151	SN	1	57.645	58.398	0.0	0.003	295.466	2.995	1230.864	1280.216	0.138	-93.865	-92.099	0.0
8	12151	12152	NS	1	57.378	58.132	0.0	0.0	291.677	3.894	1189.552	1273.08	40.633	-93.506	-91.733	0.0
9	12151	12152	SN	1	57.65	58.398	0.0	0.003	291.297	3.165	1231.456	1280.088	0.015	-93.53	-92.108	0.0
10	12151	12152	SN	1	57.65	58.398	0.0	0.003	291.297	3.245	1230.36	1280.088	0.015	-93.53	-92.096	0.0
11	12151	12152	NS	2	57.378	58.132	0.0	0.0	291.677	3.894	1189.552	1273.08	40.633	-93.506	-91.733	0.0
12	12152	12153	SN	1	57.65	58.406	0.0	0.0	288.258	3.582	1229.832	1280.048	0.024	-93.233	-92.086	0.0
13	12152	12153	SN	1	57.65	58.406	0.0	0.003	288.258	3.186	1232.056	1280.048	0.024	-93.233	-92.112	0.0
14	12152	12153	NS	1	57.347	58.132	0.0	0.0	298.918	3.751	1190.048	1273.096	41.756	-93.099	-91.75	0.0
15	12152	12153	NS	1	57.345	58.133	0.0	0.0	298.924	3.754	1190.032	1273.12	41.695	-93.073	-91.75	0.0
16	12153	12154	NS	2	57.372	58.132	0.0	0.0	299.806	3.971	1189.848	1273.048	43.257	-93.232	-91.75	0.0
17	12153	12154	SN	1	57.64	58.38	0.0	0.0	286.344	3.06	1231.624	1280.264	0.001	-93.815	-92.123	0.0
18	12153	12154	SN	1	57.634	58.38	0.0	0.0	286.344	3.669	1229.704	1280.264	0.001	-93.815	-92.09	0.0
19	12153	12154	SN	1	57.64	58.38	0.0	0.0	286.344	3.672	1229.704	1280.264	0.001	-93.815	-92.09	0.0
20	12153	12154	NS	1	57.374	58.135	0.0	0.0	299.84	3.973	1189.888	1273.0	43.251	-93.232	-91.75	0.0
21	12154	12155	SN	1	57.622	58.409	0.0	0.0	296.657	3.4	1230.36	1281.312	0.2	-95.431	-92.094	0.0
22	12154	12155	NS	1	57.347	58.135	0.0	0.0	299.376	3.875	1189.296	1273.2	44.001	-94.199	-91.754	0.0
23	12154	12155	SN	1	57.65	58.409	0.0	0.0	288.848	2.689	1232.408	1281.312	0.213	-95.431	-92.134	0.0
24	12154	12155	SN	1	57.65	58.409	0.0	0.0	296.679	3.404	1230.328	1281.312	0.2	-95.431	-92.094	0.0
25	12154	12155	NS	2	57.356	58.132	0.0	0.0	299.409	3.875	1189.44	1273.136	43.992	-94.2	-91.754	0.0
26	12155	12156	NS	1	57.356	58.135	0.0	0.0	286.515	3.823	1189.184	1273.368	43.831	-93.502	-91.753	0.0
27	12155	12156	SN	1	57.651	58.428	0.0	0.0	297.181	3.667	1229.712	1281.016	0.692	-94.835	-92.062	0.0
28	12155	12156	SN	1	57.651	58.428	0.0	0.003	297.181	2.391	1232.512	1281.016	0.754	-94.835	-92.099	0.0
29	12156	12157	NS	1	57.363	58.135	0.0	0.0	291.512	3.972	1189.656	1273.456	42.397	-93.502	-91.722	0.0
30	12156	12157	SN	1	57.653	58.375	0.0	0.0	293.933	3.581	1229.856	1280.536	0.781	-93.146	-92.058	0.0
31	12157	12158	SN	1	57.452	58.409	0.0	0.0	291.407	3.946	1229.616	1280.48	0.736	-94.928	-92.069	0.0
32	12157	12158	NS	1	57.347	58.147	0.0	0.0	295.974	3.781	1189.416	1273.376	44.424	-93.504	-91.734	0.0
33	12157	12158	NS	1	57.347	58.138	0.0	0.0	295.974	3.784	1189.416	1273.376	44.473	-93.504	-91.734	0.0
34	12158	12159	SN	1	57.645	58.385	0.0	0.0	289.223	3.751	1229.272	1280.616	0.887	-93.235	-92.08	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	12158	12159	NS	1	57.344	58.138	0.0	0.0	290.221	3.185	1189.952	1272.6	44.491	-93.184	-91.757	0.0
36	12158	12159	NS	1	57.344	58.135	0.0	0.0	290.221	3.146	1189.952	1272.6	44.537	-93.188	-91.757	0.0
37	12159	12160	SN	1	57.638	58.383	0.0	0.003	288.887	3.621	1229.112	1280.768	1.069	-93.189	-92.083	0.0
38	12159	12160	SN	1	57.622	58.383	0.0	0.003	288.887	3.625	1229.112	1280.768	1.07	-93.189	-92.083	0.0
39	12159	12160	NS	1	57.345	58.138	0.0	0.0	297.948	3.546	1189.76	1273.208	44.101	-93.501	-91.754	0.0
40	12159	12160	NS	1	57.345	58.139	0.0	0.0	297.948	3.705	1189.76	1273.752	43.994	-93.501	-91.754	0.0
41	12160	12161	NS	1	57.364	58.139	0.0	0.0	285.037	3.723	1189.424	1273.912	44.542	-93.109	-91.754	0.0
42	12160	12161	NS	2	57.364	58.139	0.0	0.0	285.037	3.723	1189.424	1273.912	44.542	-93.109	-91.754	0.0
43	12160	12161	SN	1	57.608	58.413	0.0	0.0	297.38	3.608	1228.864	1281.176	1.263	-93.258	-92.08	0.0
44	12160	12161	NS	1	57.364	58.123	0.0	0.003	285.037	2.564	1189.424	1266.76	47.976	-93.109	-91.754	0.0
45	12161	12162	SN	1	57.628	58.41	0.0	0.0	296.624	3.738	1228.856	1281.12	1.561	-93.204	-92.082	0.0
46	12161	12162	NS	1	57.372	58.112	0.0	0.003	289.714	1.951	1189.504	1261.256	49.93	-92.913	-91.753	0.0
47	12161	12162	NS	2	57.372	58.138	0.0	0.0	289.714	3.743	1189.504	1274.008	43.715	-92.989	-91.753	0.0
48	12161	12162	SN	1	57.628	58.41	0.0	0.0	296.624	2.591	1231.48	1281.12	1.655	-93.204	-92.121	0.0
49	12161	12162	NS	1	57.372	58.138	0.0	0.0	291.341	3.744	1189.52	1274.008	43.714	-92.991	-91.754	0.0
50	12161	12162	SN	2	57.628	58.41	0.0	0.0	296.624	3.738	1228.856	1281.12	1.561	-93.204	-92.082	0.0
51	12162	12163	NS	2	57.36	58.138	0.0	0.0	295.786	3.93	1189.592	1274.016	39.279	-93.496	-91.754	0.0
52	12162	12163	NS	1	57.36	58.138	0.0	0.0	295.786	3.93	1189.592	1274.016	39.279	-93.496	-91.754	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

Outer																												
SNR																Kp												
			Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore				
SrNo	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	12136	12137	SN	1	-34.965	17.18	0.0	-34.968	17.368	0.0	0.488	21.719	0.0	1.36	20.628	0.0	0.087	232.424	2.197	0.087	232.552	2.148	0.086	0.142	0.0	0.086	0.131	0.0
2	12136	12137	SN	1	-34.965	17.2	0.0	-34.968	17.359	0.0	0.488	21.719	0.0	1.36	20.628	0.0	0.087	232.424	2.238	0.087	232.552	2.175	0.086	0.142	0.0	0.086	0.131	0.0
3	12136	12137	NS	1	-34.928	18.27	0.0	-34.912	18.991	0.0	-29.009	22.099	0.004	-27.389	22.689	0.02	0.086	230.375	4.969	0.086	229.578	4.895	0.086	59.011	0.111	0.086	40.658	0.111
4	12137	12138	NS	1	-34.56	17.208	0.0	-34.843	17.553	0.0	-21.365	22.82	0.018	-24.376	22.797	0.04	0.087	211.682	3.083	0.087	225.974	3.375	0.086	10.206	0.027	0.086	20.352	0.01
5	12137	12138	SN	1	-34.668	15.69	0.0	-34.917	16.546	0.0	0.468	21.849	0.0	1.662	22.475	0.024	0.087	217.023	1.929	0.087	229.805	1.633	0.086	0.142	0.0	0.086	0.128	0.0
6	12150	12151	SN	1	-34.779	17.447	0.0	-34.176	18.099	0.0	-33.181	22.153	0.011	2.336	20.506	0.0	0.087	222.646	1.953	0.086	193.782	1.601	0.086	154.116	0.048	0.086	0.121	0.0
7	12150	12151	SN	1	-34.779	17.447	0.0	-34.767	18.099	0.0	-32.224	22.153	0.011	2.336	20.507	0.0	0.087	222.646	1.959	0.086	222.01	1.6	0.086	123.643	0.048	0.086	0.121	0.0
8	12151	12152	NS	1	-34.371	18.17	0.0	-34.018	18.052	0.0	-24.022	22.269	0.007	-33.71	22.791	0.02	0.086	202.665	1.388	0.086	186.857	1.762	0.086	18.757	0.014	0.086	174.112	0.018
9	12151	12152	SN	1	-34.934	17.062	0.0	-34.031	17.45	0.0	0.67	22.176	0.006	1.47	22.04	0.01	0.087	230.736	1.059	0.087	187.436	0.991	0.086	0.139	0.0	0.086	0.13	0.0
10	12151	12152	SN	1	-34.934	17.062	0.0	-34.031	17.45	0.0	0.67	22.176	0.006	1.47	22.04	0.01	0.087	230.736	1.041	0.087	187.436	0.98	0.086	0.139	0.0	0.086	0.13	0.0
11	12151	12152	NS	2	-34.371	18.17	0.0	-34.018	18.052	0.0	-24.022	22.269	0.007	-33.71	22.791	0.02	0.086	202.665	1.388	0.086	186.857	1.762	0.086	18.757	0.014	0.086	174.112	0.018
12	12152	12153	SN	1	-34.878	15.732	0.0	-34.945	16.911	0.0	0.345	22.031	0.005	2.197	22.548	0.033	0.087	227.768	2.305	0.087	231.342	1.978	0.086	0.144	0.0	0.086	0.122	0.0
13	12152	12153	SN	1	-34.878	15.732	0.0	-34.945	15.64	0.0	0.345	22.031	0.005	2.197	22.548	0.035	0.087	227.768	2.365	0.087	231.342	2.034	0.086	0.144	0.0	0.086	0.122	0.0
14	12152	12153	NS	1	-34.159	16.938	0.0	-34.536	17.251	0.0	-23.956	24.628	0.011	-13.189	22.325	0.016	0.087	193.024	4.581	0.087	210.581	4.114	0.086	18.481	0.014	0.086	1.608	0.004
15	12152	12153	NS	1	-34.357	16.94	0.0	-34.589	17.251	0.0	-23.915	24.628	0.011	-13.189	22.325	0.016	0.087	202.039	4.586	0.087	213.118	4.112	0.086	18.307	0.014	0.086	1.608	0.004
16	12153	12154	NS	2	-34.391	19.066	0.0	-34.823	18.71	0.0	-20.408	21.918	0.0	-18.777	22.416	0.023	0.086	203.625	5.033	0.086	224.859	5.33	0.086	8.198	0.082	0.086	5.652	0.01
17	12153	12154	SN	1	-34.832	18.328	0.0	-33.888	18.786	0.0	-0.871	22.107	0.004	2.192	21.677	0.0	0.086	225.376	3.197	0.086	181.372	2.648	0.086	0.164	0.0	0.086	0.123	0.0
18	12153	12154	SN	1	-34.844	18.328	0.0	-34.342	18.786	0.0	-0.871	22.107	0.004	2.192	21.677	0.0	0.086	226.001	3.093	0.086	201.301	2.515	0.086	0.164	0.0	0.086	0.123	0.0
19	12153	12154	SN	1	-34.832	18.328	0.0	-33.888	18.786	0.0	-0.871	22.107	0.004	2.192	21.677	0.0	0.086	225.376	3.096	0.086	181.372	2.517	0.086	0.164	0.0	0.086	0.123	0.0
20	12153	12154	NS	1	-34.541	19.073	0.0	-34.823	18.71	0.0	-20.414	21.918	0.0	-18.772	22.416	0.023	0.086	210.805	5.033	0.086	224.859	5.331	0.086	8.209	0.082	0.086	5.647	0.01
21	12154	12155	SN	1	-34.705	15.3	0.0	-33.761	18.184	0.0	0.053	22.924	0.166	0.584	23.318	0.403	0.087	218.919	2.791	0.086	176.18	2.085	0.086	0.148	0.0	0.086	0.141	0.0
22	12154	12155	NS	1	-34.162	19.394	0.0	-34.96	18.874	0.0	2.001	22.826	0.1	1.628	22.466	0.154	0.086	193.154	3.153	0.086	232.148	2.937	0.086	0.124	0.0	0.086	0.128	0.0
23	12154	12155	SN	1	-34.705	15.3	0.0	-33.761	18.184	0.0	0.053	22.924	0.178	0.584	23.318	0.405	0.087	218.919	2.93	0.086	176.18	2.313	0.086	0.148	0.0	0.086	0.141	0.0
24	12154	12155	SN	1	-34.705	15.3	0.0	-33.761	18.184	0.0	0.053	22.924	0.166	0.584	23.318	0.404	0.087	218.919	2.791	0.086	176.18	2.085	0.086	0.148	0.0	0.086	0.141	0.0
25	12154	12155	NS	2	-34.567	19.398	0.0	-34.985	18.874	0.0	2.001	22.826	0.1	1.629	22.466	0.154	0.086	212.092	3.152	0.086	239.373	2.938	0.086	0.124	0.0	0.086	0.128	0.0
26	12155	12156	NS	1	-34.864	18.727	0.0	-34.496	19.036	0.0	-3.812	22.822	0.176	0.464	24.157	0.672	0.086	227.077	2.661	0.086	208.602	2.999	0.086	0.248	0.0	0.086	0.142	0.0
27	12155	12156	SN	1	-34.516	17.087	0.0	-34.126	18.244	0.0	-11.91	22.913	0.09	-9.358	23.434	0.464	0.087	209.604	2.621	0.086	191.61	1.858	0.086	1.215	0.001	0.086	0.705	0.0
28	12155	12156	SN	1	-34.516	17.087	0.0	-34.126	17.119	0.0	-11.91	22.913	0.098	-9.358	23.434	0.369	0.087	209.604	2.84	0.087	191.61	2.204	0.086	1.215	0.002	0.086	0.705	0.0
29	12156	12157	NS	1	-34.148	21.89	0.0	-34.937	18.482	0.0	-4.071	23.216	0.308	-3.368	23.943	1.49	0.086	192.563	2.349	0.086	230.867	2.446	0.086	0.259	0.0	0.086	0.232	0.0
30	12156	12157	SN	1	-34.982	17.008	0.0	-34.962	18.538	0.0	-21.208	22.772	0.05	-7.643	23.857	0.238	0.087	233.29	3.953	0.086	232.243	3.604	0.086	9.843	0.04	0.086	0.497	0.0
31	12157	12158	SN	1	-34.645	17.365	0.0	-34.946	18.433	0.0	-31.75	23.083	0.073	-22.704	23.151	0.201	0.087	215.87	7.743	0.086	231.429	6.675	0.086	110.89	0.095	0.086	13.866	0.135
32	12157	12158	NS	1	-34.721	22.212	0.001	-34.342	20.387	0.0	-0.108	22.729	0.04	-3.872	23.847	0.853	0.086	219.691	2.541	0.086	201.3	2.876	0.086	0.151	0.0	0.086	0.251	0.0

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

33	12157	12158	NS	1	-34.721	22.212	0.001	-34.782	20.387	0.0	-0.108	22.729	0.04	-3.872	23.847	0.853	0.086	219.691	2.545	0.086	225.037	2.878	0.086	0.151	0.0	0.086	0.251	0.0
34	12158	12159	SN	1	-34.755	18.424	0.0	-33.851	19.089	0.0	-27.521	22.726	0.048	-22.196	23.228	0.139	0.086	221.405	2.032	0.086	179.8	1.497	0.086	41.917	0.027	0.086	12.344	0.017
35	12158	12159	NS	1	-34.256	18.914	0.0	-34.213	19.212	0.0	-0.42	22.633	0.057	0.949	23.53	0.811	0.086	197.384	3.149	0.086	195.432	3.146	0.086	0.156	0.0	0.086	0.136	0.0
36	12158	12159	NS	1	-34.453	18.914	0.0	-34.11	19.212	0.0	-0.414	22.633	0.053	0.946	23.53	0.814	0.086	206.566	3.147	0.086	190.877	3.147	0.086	0.156	0.0	0.086	0.136	0.0
37	12159	12160	SN	1	-33.709	17.565	0.0	-34.821	19.38	0.0	-15.541	23.198	0.086	-21.667	23.43	0.186	0.087	174.005	2.497	0.086	224.843	2.696	0.086	2.717	0.004	0.086	10.936	0.013
38	12159	12160	SN	1	-33.709	17.563	0.0	-34.821	19.381	0.0	-15.561	23.198	0.086	-21.668	23.43	0.186	0.087	174.005	2.5	0.086	224.843	2.696	0.086	2.729	0.004	0.086	10.94	0.013
39	12159	12160	NS	1	-34.869	19.63	0.0	-34.719	19.216	0.0	6.317	22.966	0.098	6.608	23.615	0.834	0.086	227.352	2.387	0.086	219.593	2.476	0.086	0.099	0.0	0.086	0.098	0.0
40	12159	12160	NS	1	-34.869	19.63	0.0	-34.719	19.216	0.0	6.318	22.966	0.097	6.608	23.615	0.82	0.086	227.352	2.387	0.086	219.593	2.476	0.086	0.099	0.0	0.086	0.098	0.0
41	12160	12161	NS	1	-34.909	18.813	0.0	-34.3	20.622	0.0	1.586	22.641	0.083	0.83	23.724	1.004	0.086	229.466	2.056	0.086	199.39	1.749	0.086	0.128	0.0	0.086	0.137	0.0
42	12160	12161	NS	2	-34.909	18.813	0.0	-34.3	20.622	0.0	1.586	22.641	0.083	0.83	23.724	1.004	0.086	229.466	2.056	0.086	199.39	1.749	0.086	0.128	0.0	0.086	0.137	0.0
43	12160	12161	SN	1	-34.773	18.133	0.0	-34.705	19.397	0.0	-32.032	22.913	0.258	-16.976	23.295	0.612	0.086	222.358	6.898	0.086	218.855	5.855	0.086	118.33	0.03	0.086	3.756	0.071
44	12160	12161	NS	1	-34.95	18.813	0.0	-34.3	20.622	0.0	1.637	22.481	0.157	0.658	23.728	1.404	0.086	231.599	2.008	0.086	199.39	1.751	0.086	0.128	0.0	0.086	0.14	0.0
45	12161	12162	SN	1	-34.982	18.099	0.0	-34.425	19.257	0.0	2.298	22.744	0.172	4.134	23.286	0.79	0.086	233.27	5.794	0.086	205.233	5.802	0.086	0.122	0.0	0.086	0.109	0.0
46	12161	12162	NS	1	-34.676	18.838	0.0	-34.953	21.578	0.0	3.871	22.127	0.024	3.155	21.937	0.0	0.086	217.424	1.762	0.086	231.715	1.715	0.086	0.11	0.0	0.086	0.115	0.0
47	12161	12162	NS	2	-34.476	19.12	0.0	-34.953	21.578	0.0	2.827	23.235	0.432	2.485	23.665	1.046	0.086	207.651	1.712	0.086	231.715	1.711	0.086	0.117	0.0	0.086	0.12	0.0
48	12161	12162	SN	1	-34.982	15.99	0.0	-34.425	16.207	0.0	2.298	22.744	0.089	4.134	23.286	0.769	0.087	233.27	5.925	0.087	205.233	6.25	0.086	0.122	0.0	0.086	0.109	0.0
49	12161	12162	NS	1	-34.476	19.12	0.0	-34.707	21.581	0.0	2.827	23.235	0.432	2.485	23.665	1.046	0.086	207.651	1.712	0.086	218.972	1.711	0.086	0.117	0.0	0.086	0.12	0.0
50	12161	12162	SN	2	-34.982	18.099	0.0	-34.425	19.257	0.0	2.298	22.744	0.172	4.134	23.286	0.79	0.086	233.27	5.794	0.086	205.233	5.802	0.086	0.122	0.0	0.086	0.109	0.0
51	12162	12163	NS	2	-34.654	19.172	0.0	-34.393	19.598	0.0	0.593	23.086	0.143	1.298	23.346	0.314	0.086	216.354	1.602	0.086	203.725	1.487	0.086	0.14	0.0	0.086	0.132	0.0
52	12162	12163	NS	1	-34.654	19.172	0.0	-34.393	19.598	0.0	0.593	23.086	0.143	1.298	23.346	0.314	0.086	216.354	1.602	0.086	203.725	1.487	0.086	0.14	0.0	0.086	0.132	0.0

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

 Normal

 Deviations

 Alarming

 High Errors