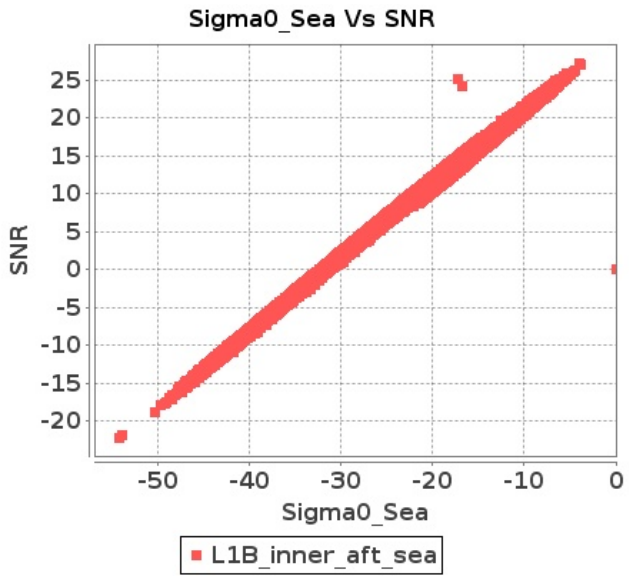
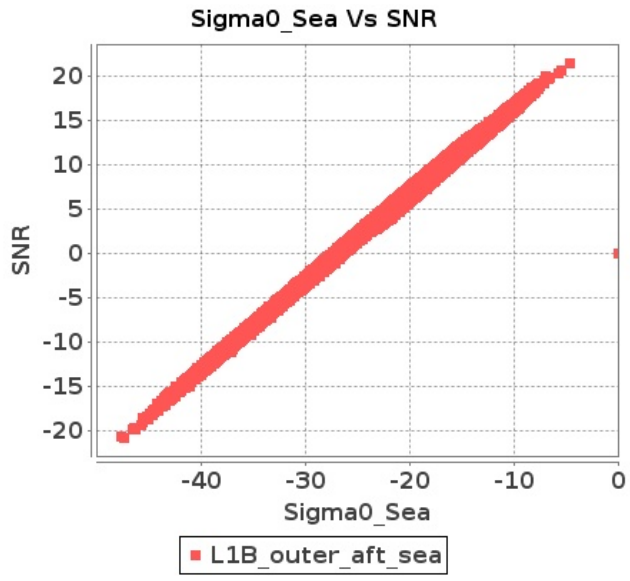
SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 04-DEC-2016 To 05-DEC-2016

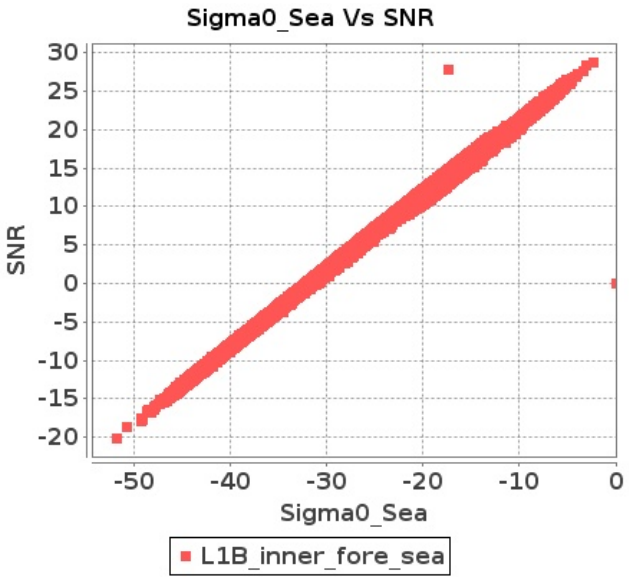
Inner Sea Aft Sigma0VsSNR



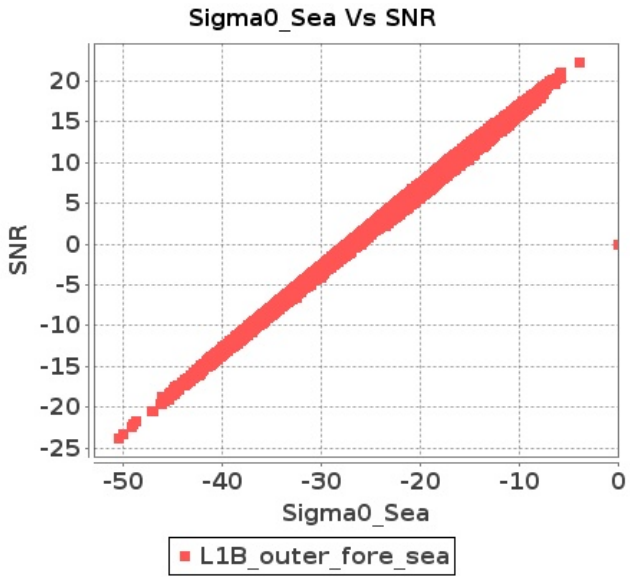
Outer Sea Aft Sigma0VsSNR



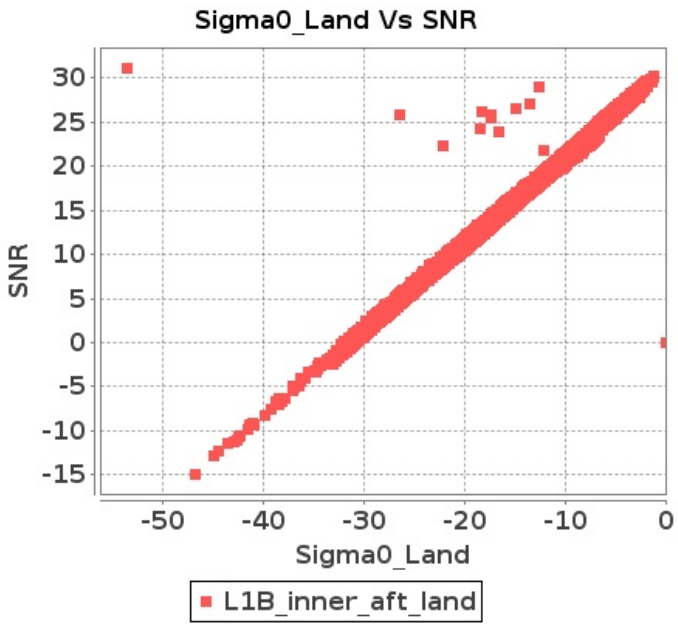
Inner Sea Fore Sigma0VsSNR



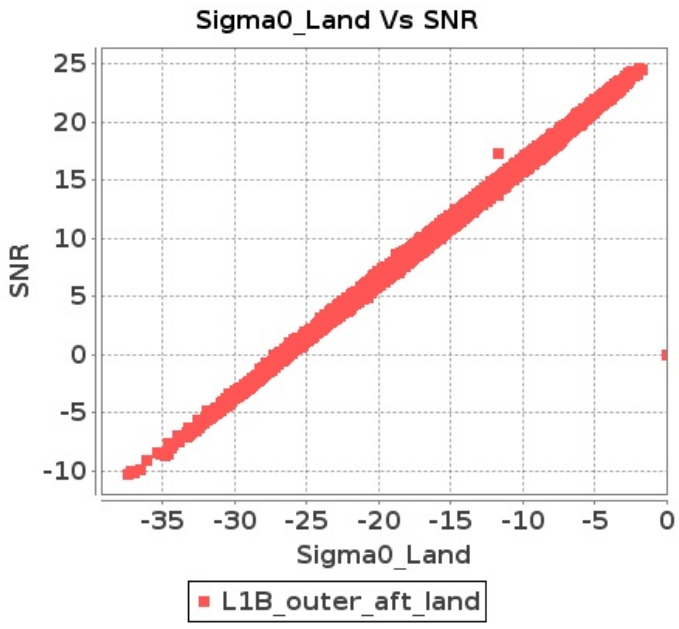
Outer Sea Fore Sigma0VsSNR



Inner Land Aft Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



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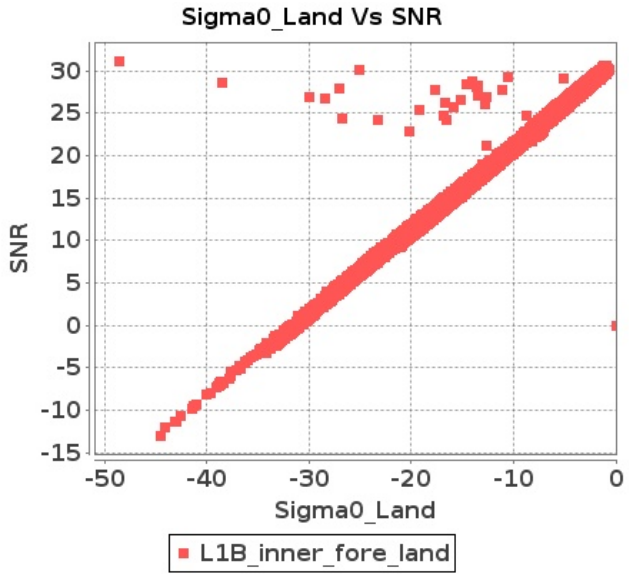
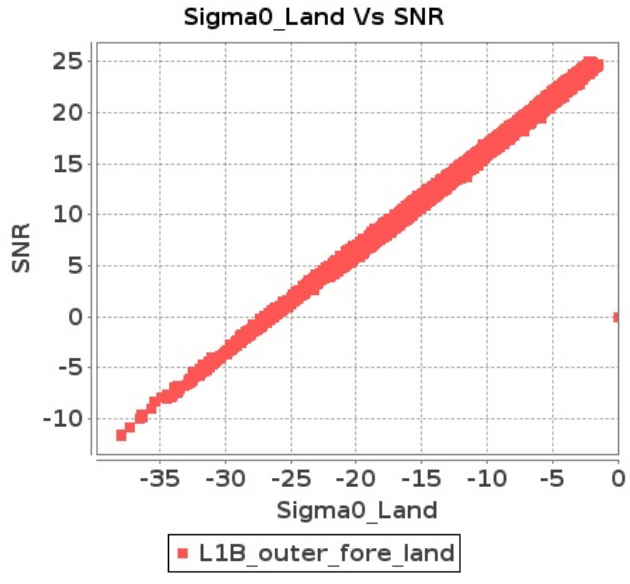
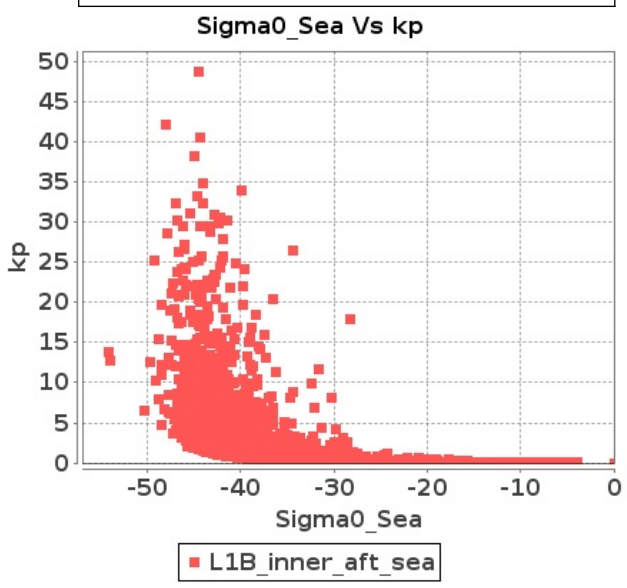


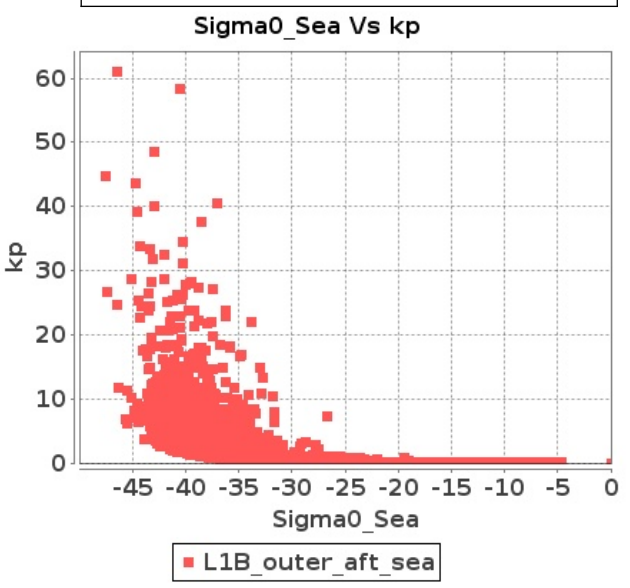
Outer Land Fore Sigma0VsSNR



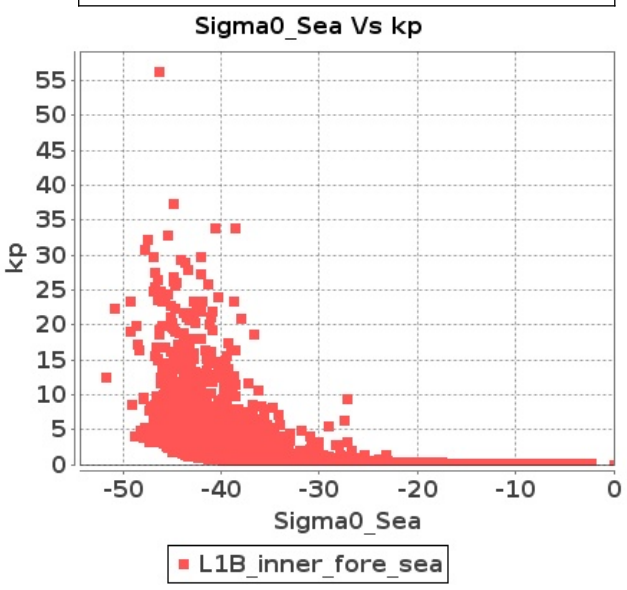
Inner Sea Aft Sigma0VsKp



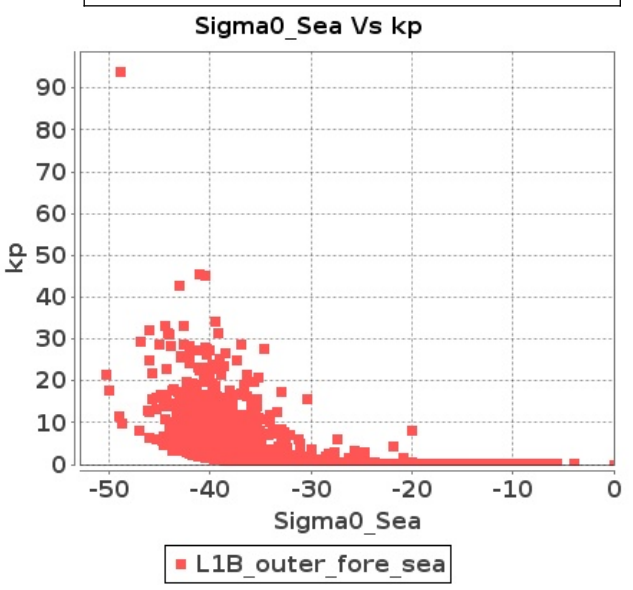
Outer Sea Aft Sigma0VsKp



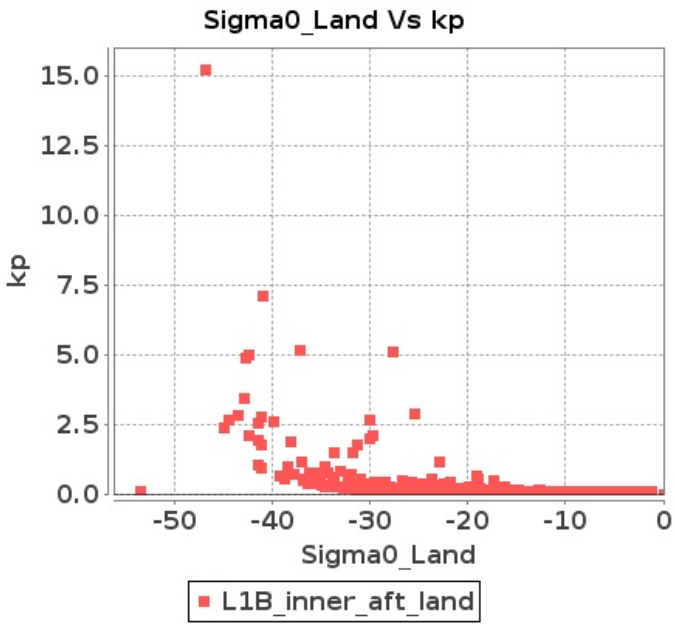
Inner Sea Fore Sigma0VsKp



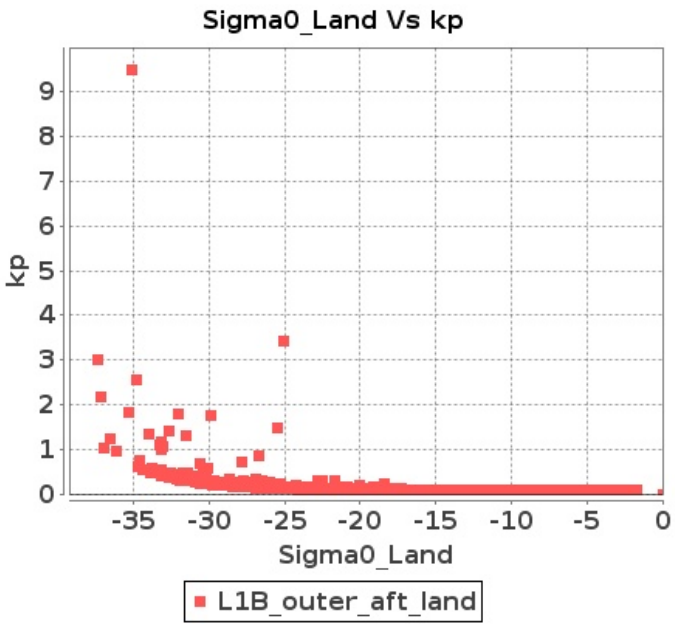
Outer Sea Fore Sigma0VsKp



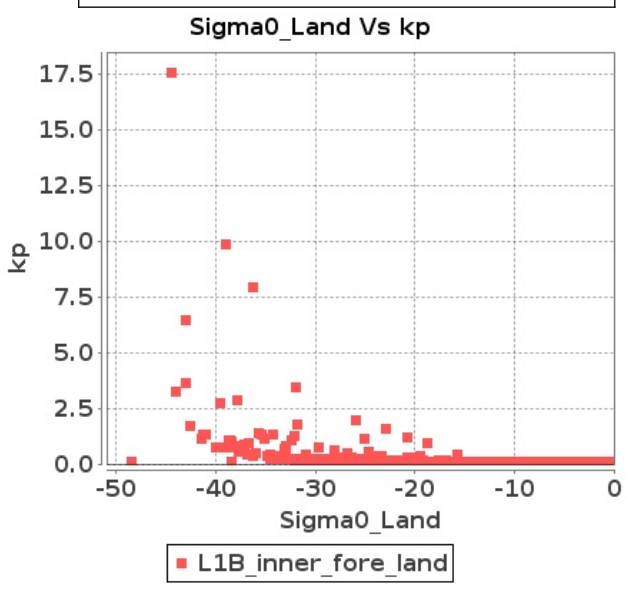
Inner Land Aft Sigma0VsKp



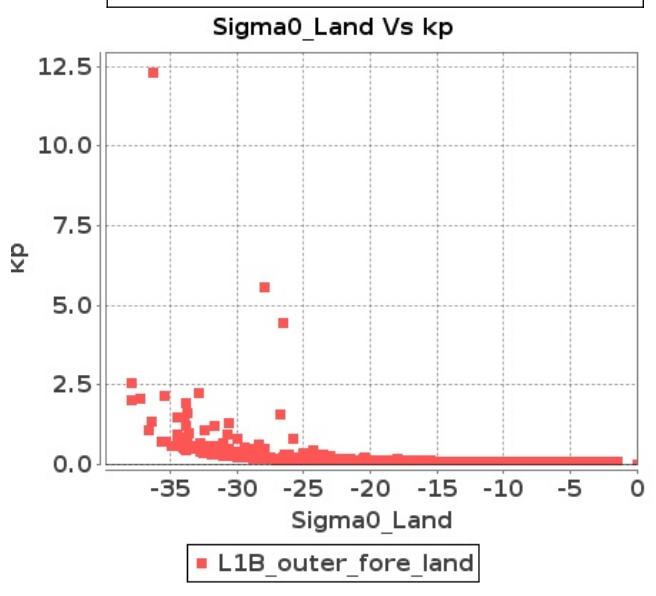
Outer Land Aft Sigma0VsKp



Inner Land Fore Sigma0VsKp



Outer Land Fore Sigma0VsKp



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

Report between 04-DEC-2016 To 05-DEC-2016

					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	1000	1001	NS	1	49.028	49.379	0.0	0.003	1.291	0.366	1047.688	1092.104	0.0	-91.38	-90.203	0.0
2	1000	1001	NS	2	49.028	49.379	0.0	0.003	1.291	0.366	1047.688	1092.104	0.0	-91.38	-90.203	0.0
3	1000	1001	SN	2	48.894	49.347	0.0	0.003	1.291	0.376	1028.52	1090.576	0.0	-91.214	-90.032	0.0
4	1000	1001	SN	1	48.894	49.347	0.0	0.003	1.291	0.376	1028.52	1090.576	0.0	-91.214	-90.032	0.0
5	1001	1002	NS	1	49.03	49.374	0.0	0.003	1.291	0.364	1047.872	1092.304	0.0	-91.329	-90.204	0.0
6	1001	1002	SN	1	48.894	49.345	0.0	0.003	1.291	0.364	1028.424	1090.288	0.0	-91.78	-90.03	0.0
7	1002	1003	SN	1	48.937	49.347	0.0	0.003	1.291	0.365	1028.848	1090.656	0.0	-91.312	-90.03	0.0
8	1002	1003	NS	1	49.029	49.371	0.0	0.003	264.665	0.368	1048.016	1092.24	0.0	-91.391	-90.205	0.0
9	1003	1004	SN	2	48.898	49.343	0.0	0.003	1.291	0.359	1028.32	1090.088	0.0	-91.298	-90.029	0.0
10	1003	1004	SN	1	48.898	49.346	0.0	0.003	1.291	0.359	1028.32	1090.528	0.0	-91.298	-90.029	0.0
11	1003	1004	NS	1	49.023	49.393	0.0	0.003	1.291	0.371	1048.112	1092.088	0.0	-91.401	-90.206	0.0
12	1003	1004	NS	2	49.023	49.393	0.0	0.003	273.45	0.371	1048.112	1092.088	0.0	-91.401	-90.206	0.0
13	1003	1004	SN	1	48.898	49.343	0.0	0.003	1.291	0.359	1028.32	1090.088	0.0	-91.298	-90.029	0.0
14	1004	1005	SN	1	48.903	49.381	0.0	0.003	1.291	0.358	1028.872	1090.408	0.0	-91.56	-90.028	0.0
15	1004	1005	NS	2	49.026	49.391	0.0	0.003	283.499	0.378	1048.048	1091.952	0.0	-91.236	-90.208	0.0
16	1004	1005	SN	2	48.903	49.381	0.0	0.003	1.291	0.366	1028.872	1089.976	0.0	-91.56	-90.028	0.0
17	1004	1005	NS	1	49.026	49.391	0.0	0.003	1.291	0.378	1048.048	1091.952	0.0	-91.236	-90.208	0.0
18	1004	1005	SN	1	48.903	49.381	0.0	0.003	1.291	0.366	1028.872	1089.976	0.0	-91.56	-90.028	0.0
19	1005	1006	SN	2	48.901	49.344	0.0	0.003	1.291	0.378	1029.008	1090.312	0.0	-91.613	-90.029	0.0
20	1005	1006	SN	1	48.901	49.344	0.0	0.003	1.291	0.378	1029.008	1090.312	0.0	-91.613	-90.029	0.0
21	1005	1006	NS	2	49.026	49.371	0.0	0.003	1.291	0.37	1047.928	1091.832	0.0	-91.353	-90.206	0.0
22	1005	1006	NS	1	49.026	49.371	0.0	0.003	1.291	0.37	1047.928	1091.832	0.0	-91.353	-90.206	0.0
23	1006	1007	SN	1	48.902	49.345	0.0	0.003	1.291	0.384	1029.2	1090.392	0.0	-91.284	-90.031	0.0
24	1006	1007	NS	1	49.013	49.4	0.0	0.003	1.291	0.372	1047.448	1091.872	0.0	-91.461	-90.205	0.0
25	1006	1007	SN	1	48.902	49.342	0.0	0.003	1.291	0.384	1029.2	1089.952	0.0	-91.284	-90.031	0.0
26	1007	1008	NS	1	49.03	49.387	0.0	0.003	1.291	0.378	1047.904	1091.896	0.0	-91.684	-90.206	0.0
27	1007	1008	SN	4	48.898	49.345	0.0	0.003	1.291	0.37	1029.304	1090.368	0.0	-91.291	-90.04	0.0
28	1007	1008	NS	3	49.03	49.387	0.0	0.003	1.291	0.378	1047.904	1091.896	0.0	-91.684	-90.206	0.0
29	1007	1008	SN	2	48.898	49.345	0.0	0.003	1.291	0.37	1029.304	1090.368	0.0	-91.291	-90.04	0.0
30	1008	1009	NS	2	49.016	49.374	0.0	0.003	1.291	0.379	1048.008	1091.768	0.0	-91.413	-90.207	0.0
31	1008	1009	SN	1	48.896	49.344	0.0	0.003	1.291	0.367	1028.816	1090.216	0.0	-91.321	-90.043	0.0
32	1009	1010	SN	1	48.893	49.343	0.0	0.003	1.291	0.373	1028.416	1090.072	0.0	-91.327	-90.032	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	1009	1010	NS	2	49.033	49.388	0.0	0.003	1.291	0.374	1048.224	1091.68	0.0	-91.399	-90.207	0.0
34	1010	1011	SN	2	48.899	49.344	0.0	0.003	1.291	0.375	1029.144	1090.128	0.0	-91.343	-90.032	0.0
35	1010	1011	SN	1	48.899	49.344	0.0	0.003	1.291	0.375	1029.144	1090.128	0.0	-91.343	-90.032	0.0
36	1010	1011	NS	1	49.027	49.357	0.0	0.003	1.291	0.373	1048.008	1091.672	0.0	-91.391	-90.206	0.0
37	1011	1012	NS	1	49.018	49.379	0.0	0.003	1.291	0.373	1047.44	1091.64	0.0	-91.415	-90.205	0.0
38	1011	1012	SN	1	48.908	49.343	0.0	0.003	221.659	0.37	1029.168	1090.088	0.0	-91.198	-90.031	0.0
39	1011	1012	NS	2	49.018	49.379	0.0	0.003	1.291	0.373	1047.44	1091.64	0.0	-91.415	-90.205	0.0
40	1012	1013	NS	1	49.013	49.373	0.0	0.003	226.799	0.371	1047.168	1091.712	0.0	-91.695	-90.204	0.0
41	1012	1013	SN	1	48.897	49.344	0.0	0.003	1.291	0.369	1029.152	1090.096	0.0	-91.389	-90.031	0.0
42	1013	1014	SN	1	48.896	49.344	0.0	0.003	1.291	0.388	1028.784	1090.136	0.0	-91.293	-90.032	0.0
43	1013	1014	NS	1	49.021	49.373	0.0	0.003	1.291	0.371	1047.864	1091.672	0.0	-91.382	-90.205	0.0
44	1014	1015	NS	1	49.014	49.37	0.0	0.003	1.291	0.379	1047.376	1091.52	0.0	-91.896	-90.207	0.0
45	1014	1015	SN	1	48.901	49.342	0.0	0.003	247.618	0.389	1029.152	1089.904	0.0	-91.391	-90.033	0.0
46	1015	1016	NS	1	49.065	49.375	0.0	0.003	251.804	0.363	1048.32	1091.72	0.0	-91.658	-90.208	0.0
47	1015	1016	SN	1	48.895	49.341	0.0	0.003	1.291	0.366	1028.44	1089.68	0.0	-91.147	-90.031	0.0
48	1016	1017	SN	1	48.9	49.344	0.0	0.003	1.291	0.361	1028.736	1090.176	0.0	-91.636	-90.032	0.0
49	1016	1017	NS	2	49.016	49.353	0.0	0.003	258.063	0.362	1047.992	1091.784	0.0	-91.376	-90.209	0.0
50	1017	1018	NS	1	49.028	49.389	0.0	0.003	1.291	0.373	1048.6	1091.672	0.0	-91.405	-90.211	0.0
51	1017	1018	SN	1	48.903	49.343	0.0	0.003	1.291	0.367	1028.224	1090.016	0.0	-91.543	-90.028	0.0
52	1018	1019	NS	2	49.024	49.376	0.0	0.003	1.291	0.374	1048.32	1091.544	0.0	-91.389	-90.211	0.0
53	1018	1019	SN	1	48.898	49.342	0.0	0.003	1.291	0.364	1028.824	1089.912	0.0	-91.309	-90.031	0.0
54	1019	1020	SN	1	48.9	49.374	0.0	0.003	1.291	0.374	1028.888	1089.752	0.0	-91.642	-90.029	0.0
55	1019	1020	NS	1	49.039	49.359	0.0	0.003	1.291	0.372	1048.648	1091.368	0.0	-91.327	-90.211	0.0
56	1020	1021	SN	1	48.902	49.341	0.0	0.003	1.291	0.377	1029.112	1089.728	0.0	-91.255	-90.031	0.0
57	1020	1021	NS	1	49.022	49.374	0.0	0.003	1.291	0.369	1047.88	1091.296	0.0	-91.342	-90.21	0.0
58	1021	1022	SN	1	48.896	49.341	0.0	0.003	1.291	0.375	1028.824	1089.8	0.0	-91.323	-90.032	0.0
59	1021	1022	NS	1	49.028	49.383	0.0	0.003	1.291	0.375	1048.088	1091.36	0.0	-91.34	-90.211	0.0
60	1022	1023	NS	2	49.042	49.376	0.0	0.003	1.291	0.383	1048.624	1091.328	0.0	-91.328	-90.211	0.0
61	1022	1023	SN	1	48.904	49.341	0.0	0.003	1.291	0.365	1029.256	1089.736	0.0	-91.319	-90.032	0.0
62	1023	1024	NS	1	49.03	49.366	0.0	0.003	1.291	0.377	1048.752	1091.168	0.0	-91.851	-90.212	0.0
63	1023	1024	SN	2	48.884	49.34	0.0	0.003	1.291	0.367	1028.816	1089.56	0.0	-91.556	-90.032	0.0
64	1024	1025	SN	1	48.928	49.34	0.0	0.003	198.761	0.379	1029.12	1089.552	0.0	-91.102	-90.031	0.0
65	1024	1025	NS	1	49.017	49.366	0.0	0.003	193.742	0.373	1047.92	1091.168	0.0	-91.693	-90.214	0.0
66	1025	1026	SN	1	48.905	49.34	0.0	0.003	1.291	0.371	1029.096	1089.512	0.0	-91.815	-90.03	0.0
67	1025	1026	NS	1	49.021	49.383	0.0	0.003	203.79	0.37	1048.608	1091.152	0.0	-91.373	-90.213	0.0
68	1026	1027	NS	1	49.031	49.349	0.0	0.003	213.839	0.373	1047.976	1091.176	0.0	-91.355	-90.209	0.0
69	1026	1027	SN	1	48.898	49.34	0.0	0.003	1.291	0.37	1028.664	1089.48	0.0	-91.309	-90.03	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	1027	1028	SN	1	48.898	49.34	0.0	0.003	1.291	0.379	1028.744	1089.568	0.0	-91.352	-90.032	0.0
71	1027	1028	NS	1	49.018	49.36	0.0	0.003	226.407	0.374	1047.88	1091.176	0.0	-91.407	-90.209	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

					Inner																				
					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	1000	1001	NS	1	-34.184	26.081	0.477	-33.817	26.961	0.324	5.828	32.184	30.878	-63.851	36.301	46.393	0.103	221.371	1.671	0.103	203.427	1.682	0.102	0.12	0.0	0.102	0.119	0.0
2	1000	1001	NS	2	-34.184	26.081	0.477	-33.817	26.961	0.324	5.828	32.184	30.878	-63.851	36.301	46.393	0.103	221.371	1.671	0.103	203.427	1.682	0.102	0.12	0.0	0.102	0.119	0.0
3	1000	1001	SN	2	-34.711	26.596	1.76	-34.436	27.472	2.404	-0.038	32.826	19.62	-1.247	32.422	18.374	0.103	249.954	3.29	0.103	234.59	2.931	0.102	0.177	0.0	0.102	0.203	0.0
4	1000	1001	SN	1	-34.711	26.596	1.76	-34.436	27.472	2.404	-0.038	32.826	19.62	-1.247	32.422	18.374	0.103	249.954	3.29	0.103	234.59	2.931	0.102	0.177	0.0	0.102	0.203	0.0
5	1001	1002	NS	1	-34.032	25.172	0.063	-34.079	26.361	0.039	-5.126	29.751	22.515	-7.283	30.196	35.127	0.103	213.792	3.185	0.103	216.102	3.225	0.103	0.361	0.0	0.103	0.536	0.0
6	1001	1002	SN	1	-34.188	26.186	0.113	-33.078	26.96	0.418	7.59	29.48	20.812	8.592	33.148	19.362	0.103	221.59	0.685	0.103	171.623	0.699	0.103	0.114	0.0	0.102	0.112	0.0
7	1002	1003	SN	1	-34.787	25.032	0.144	-32.03	25.39	0.428	8.379	28.369	25.231	8.071	28.795	21.715	0.103	254.391	1.342	0.103	134.855	1.086	0.103	0.112	0.0	0.103	0.113	0.0
8	1002	1003	NS	1	-34.773	24.522	0.053	-34.39	25.422	0.041	-6.44	30.145	15.799	-3.994	29.822	25.426	0.103	263.952	5.568	0.103	232.106	5.423	0.103	0.457	0.0	0.103	0.299	0.0
9	1003	1004	SN	2	-34.852	26.097	0.541	-34.153	25.865	0.998	7.681	30.038	29.194	7.709	30.11	38.471	0.103	258.217	1.541	0.103	219.758	1.261	0.103	0.114	0.0	0.103	0.114	0.0
10	1003	1004	SN	1	-34.852	26.097	0.544	-34.153	25.865	0.925	7.681	30.038	31.49	7.709	30.11	36.498	0.103	258.217	1.586	0.103	219.758	1.292	0.103	0.114	0.0	0.103	0.114	0.0
11	1003	1004	NS	1	-34.006	23.597	0.374	-34.065	23.502	0.242	-16.93	29.929	15.005	-9.777	30.36	23.352	0.103	212.453	1.378	0.103	215.359	1.218	0.103	4.245	0.004	0.103	0.884	0.0
12	1003	1004	NS	2	-34.006	23.597	0.374	-34.065	23.502	0.242	-16.93	29.929	15.005	-9.777	30.36	23.354	0.103	212.453	1.378	0.103	215.359	1.219	0.103	4.245	0.004	0.103	0.884	0.0
13	1003	1004	SN	1	-34.852	26.097	0.541	-34.153	25.865	0.998	7.681	30.038	29.194	7.709	30.11	38.471	0.103	258.217	1.541	0.103	219.758	1.261	0.103	0.114	0.0	0.103	0.114	0.0
14	1004	1005	SN	1	-34.915	25.554	1.199	-34.945	25.978	1.413	7.228	30.021	38.071	9.069	30.43	59.905	0.103	261.998	3.929	0.103	263.712	3.495	0.103	0.115	0.0	0.103	0.111	0.0
15	1004	1005	NS	2	-33.833	24.913	0.693	-34.247	25.111	0.624	-3.019	28.908	15.154	-5.488	29.435	22.028	0.103	204.192	1.203	0.103	224.622	1.209	0.103	0.257	0.0	0.103	0.384	0.0
16	1004	1005	SN	2	-34.915	25.554	1.099	-34.945	25.978	1.566	7.228	30.021	29.992	9.069	30.43	40.039	0.103	261.998	3.307	0.103	263.712	2.998	0.103	0.115	0.0	0.103	0.111	0.0
17	1004	1005	NS	1	-33.833	24.913	0.693	-34.247	25.111	0.624	-3.019	28.908	15.154	-5.488	29.435	22.026	0.103	204.192	1.203	0.103	224.622	1.208	0.103	0.257	0.0	0.103	0.384	0.0
18	1004	1005	SN	1	-34.915	25.554	1.099	-34.945	25.978	1.566	7.228	30.021	29.992	9.069	30.43	40.039	0.103	261.998	3.307	0.103	263.712	2.998	0.103	0.115	0.0	0.103	0.111	0.0
19	1005	1006	SN	2	-34.838	25.162	0.796	-34.813	26.561	1.705	7.299	32.141	25.75	9.551	33.103	36.074	0.103	257.34	2.652	0.103	255.891	2.403	0.102	0.115	0.0	0.102	0.11	0.0
20	1005	1006	SN	1	-34.838	25.162	0.796	-34.813	26.561	1.705	7.299	32.141	25.75	9.551	33.103	36.074	0.103	257.34	2.652	0.103	255.891	2.403	0.102	0.115	0.0	0.102	0.11	0.0
21	1005	1006	NS	2	-33.631	25.759	0.982	-34.343	26.296	1.121	-6.641	31.025	22.832	-6.344	31.018	29.522	0.103	194.956	1.586	0.103	229.648	1.773	0.103	0.474	0.0	0.103	0.448	0.0
22	1005	1006	NS	1	-33.631	25.759	0.982	-34.343	26.296	1.121	-6.641	31.025	22.832	-6.344	31.018	29.522	0.103	194.956	1.586	0.103	229.648	1.773	0.103	0.474	0.0	0.103	0.448	0.0
23	1006	1007	SN	1	-34.547	25.396	0.547	-34.968	26.975	2.337	3.92	34.053	22.759	4.999	36.216	30.368	0.103	240.648	3.025	0.103	265.121	2.388	0.102	0.131	0.0	0.102	0.124	0.0
24	1006	1007	NS	1	-34.311	27.218	1.503	-33.99	27.637	1.573	5.763	31.706	25.109	7.642	30.795	35.234	0.103	227.888	1.113	0.103	211.71	0.916	0.102	0.121	0.0	0.103	0.114	0.0
25	1006	1007	SN	1	-34.547	25.396	0.547	-34.968	26.975	2.357	3.92	34.053	23.221	4.999	36.216	29.6	0.103	240.648	3.026	0.103	265.121	2.409	0.102	0.131	0.0	0.102	0.124	0.0
26	1007	1008	NS	1	-34.051	26.395	1.802	-33.477	26.084	1.43	2.31	30.974	48.981	3.428	32.005	58.288	0.103	214.692	1.215	0.103	188.137	1.228	0.103	0.145	0.0	0.102	0.135	0.0
27	1007	1008	SN	4	-33.811	23.08	0.057	-34.934	27.419	2.328	-12.298	30.38	30.946	-5.468	31.09	32.85	0.103	203.164	0.932	0.103	263.097	0.769	0.103	1.515	0.002	0.103	0.383	0.0
28	1007	1008	NS	3	-34.051	26.395	1.802	-33.477	26.084	1.43	2.31	30.974	48.981	3.428	32.005	58.288	0.103	214.692	1.215	0.103	188.137	1.228	0.103	0.145	0.0	0.102	0.135	0.0
29	1007	1008	SN	2	-33.811	23.08	0.057	-34.934	27.419	2.328	-12.298	30.38	30.946	-5.468	31.09	32.85	0.103	203.164	0.932	0.103	263.097	0.769	0.103	1.515	0.002	0.103	0.383	0.0
30	1008	1009	NS	2	-34.731	26.654	2.05	-32.966	26.454	0.909	-12.532	32.096	25.758	-16.375	31.579	40.964	0.103	251.103	2.442	0.103	167.273	2.186	0.102	1.594	0.005	0.102	3.745	0.002
31	1008	1009	SN	1	-34.58	26.27	0.373	-34.86	27.58	2.764	-11.282	30.476	26.473	-3.258	31.244	28.419	0.103	242.52	4.482	0.103	258.684	3.223	0.103	1.216	0.002	0.103	0.267	0.0
32	1009	1010	SN	1	-34.851	26.689	1.22	-34.571	27.931	3.333	-11.652	30.308	26.968	-9.156	31.347	30.817	0.103	258.116	5.51	0.103	241.989	4.728	0.103	1.317	0.002	0.103	0.778	0.0
33	1009	1010	NS	2	-34.323	26.42	4.584	-32.974	25.776	3.552	3.54	30.592	19.476	6.471	30.733	28.811	0.103	228.536	1.293	0.103	167.577	1.556	0.103	0.134	0.0	0.103	0.118	0.0

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

Normal Deviations

Alarming High Errors

34	1010	1011	SN	2	-31.871	26.695	1.821	-33.293	27.492	5.896	-12.585	30.567	28.989	-24.278	31.192	30.613	0.103	130.005	1.47	0.103	180.313	1.441	0.103	1.612	0.002	0.103	22.694	0.003
35	1010	1011	SN	1	-31.871	26.695	1.821	-33.293	27.492	5.896	-12.585	30.567	28.989	-24.278	31.192	30.613	0.103	130.005	1.47	0.103	180.313	1.441	0.103	1.612	0.002	0.103	22.694	0.003
36	1010	1011	NS	1	-34.902	26.952	3.648	-32.96	25.472	3.203	11.58	30.422	37.401	11.957	30.489	49.349	0.103	261.125	0.932	0.103	167.058	0.872	0.103	0.107	0.0	0.103	0.107	0.0
37	1011	1012	NS	1	-34.9	25.919	1.965	-34.816	26.459	0.963	13.11	30.422	37.815	13.286	30.309	52.216	0.103	261.073	2.494	0.103	256.116	2.278	0.103	0.106	0.0	0.103	0.106	0.0
38	1011	1012	SN	1	-34.888	27.45	1.136	-33.755	27.245	3.755	-16.939	31.25	39.125	-7.379	32.019	40.613	0.103	260.295	1.849	0.103	200.578	1.823	0.103	4.254	0.002	0.102	0.546	0.0
39	1011	1012	NS	2	-34.9	25.919	1.965	-34.816	26.459	0.963	13.11	30.422	37.815	13.286	30.309	52.216	0.103	261.073	2.494	0.103	256.116	2.278	0.103	0.106	0.0	0.103	0.106	0.0
40	1012	1013	NS	1	-34.982	25.634	1.642	-34.762	25.759	0.322	9.239	30.274	33.436	9.361	30.38	47.04	0.103	266.023	3.042	0.103	252.873	2.935	0.103	0.11	0.0	0.103	0.11	0.0
41	1012	1013	SN	1	-34.555	25.823	0.604	-34.77	26.111	2.342	7.61	31.067	64.353	8.968	32.282	71.776	0.103	241.122	1.736	0.103	253.363	1.535	0.103	0.114	0.0	0.102	0.111	0.0
42	1013	1014	SN	1	-34.408	25.75	0.94	-33.058	25.699	2.554	7.663	30.834	40.769	10.634	32.015	48.719	0.103	233.131	1.539	0.103	170.809	1.211	0.103	0.114	0.0	0.102	0.108	0.0
43	1013	1014	NS	1	-34.982	24.927	1.296	-33.288	23.515	0.088	6.052	29.975	23.677	4.994	30.526	33.946	0.103	266.018	1.605	0.103	180.112	1.352	0.103	0.12	0.0	0.103	0.124	0.0
44	1014	1015	NS	1	-33.876	27.653	0.782	-34.32	27.111	0.201	9.92	36.112	31.999	8.001	33.533	45.436	0.103	206.19	1.477	0.103	228.417	1.627	0.102	0.109	0.0	0.102	0.113	0.0
45	1014	1015	SN	1	-34.905	26.677	2.557	-33.588	25.674	3.412	-9.896	30.67	32.605	-23.03	35.055	34.161	0.103	261.327	1.423	0.103	193.042	1.326	0.103	0.907	0.0	0.102	17.046	0.002
46	1015	1016	NS	1	-34.458	26.694	0.109	-33.772	27.224	0.136	-6.528	33.739	26.569	-2.603	32.053	39.66	0.103	235.752	1.448	0.103	201.369	1.639	0.102	0.464	0.0	0.102	0.242	0.0
47	1015	1016	SN	1	-34.261	25.995	1.141	-34.552	26.649	1.487	7.211	30.66	17.458	6.289	31.42	17.195	0.103	225.357	2.017	0.103	240.946	2.018	0.103	0.115	0.0	0.103	0.119	0.0
48	1016	1017	SN	1	-34.909	26.364	0.04	-34.623	26.632	0.317	7.853	28.592	29.184	7.277	28.23	28.349	0.103	263.986	1.725	0.103	244.91	1.323	0.103	0.114	0.0	0.103	0.115	0.0
49	1016	1017	NS	2	-34.334	24.5	0.045	-34.567	23.672	0.009	-5.82	29.002	19.301	-7.294	29.503	29.411	0.103	229.125	3.854	0.103	241.781	3.877	0.103	0.408	0.0	0.103	0.537	0.0
50	1017	1018	NS	1	-34.368	23.833	0.08	-34.58	23.914	0.058	-18.822	32.059	11.361	-13.265	31.219	19.297	0.103	240.419	4.068	0.103	242.473	4.579	0.102	6.519	0.001	0.103	1.872	0.001
51	1017	1018	SN	1	-34.204	25.501	0.467	-34.161	25.988	0.855	7.994	28.25	24.315	8.1	28.202	19.639	0.103	222.373	1.3	0.103	220.19	1.139	0.103	0.113	0.0	0.103	0.113	0.0
52	1018	1019	NS	2	-32.296	24.233	0.393	-34.99	24.516	0.362	-5.151	31.271	20.324	-2.521	29.399	27.825	0.103	143.39	2.57	0.103	266.447	2.652	0.103	0.362	0.0	0.103	0.24	0.0
53	1018	1019	SN	1	-34.53	25.563	1.658	-34.564	26.378	2.074	7.533	29.658	26.5	9.279	30.549	32.974	0.103	239.729	1.901	0.103	241.645	1.488	0.103	0.114	0.0	0.103	0.11	0.0
54	1019	1020	SN	1	-34.917	25.009	1.177	-34.94	26.638	1.786	7.547	29.537	30.238	9.121	30.826	44.493	0.103	262.065	3.488	0.103	263.49	3.161	0.103	0.114	0.0	0.103	0.111	0.0
55	1019	1020	NS	1	-34.642	26.36	0.977	-34.717	27.176	1.022	-6.867	31.661	16.867	-10.745	31.049	23.088	0.103	246.015	1.86	0.103	250.337	1.82	0.102	0.495	0.0	0.103	1.084	0.002
56	1020	1021	SN	1	-34.971	24.602	0.439	-33.856	26.55	1.814	-8.768	32.61	23.154	-11.995	35.659	30.229	0.103	265.323	2.397	0.103	205.279	1.97	0.102	0.719	0.0	0.102	1.418	0.004
57	1020	1021	NS	1	-34.286	26.536	0.966	-34.759	27.235	1.172	7.762	29.893	25.527	8.54	30.167	32.156	0.103	226.601	1.002	0.103	252.75	1.062	0.103	0.114	0.0	0.103	0.112	0.0
58	1021	1022	SN	1	-34.193	23.708	0.057	-34.355	28.835	2.27	-3.179	32.422	27.749	-2.631	30.646	32.523	0.103	221.851	1.748	0.103	230.266	1.221	0.102	0.263	0.0	0.103	0.243	0.0
59	1021	1022	NS	1	-34.328	26.466	1.553	-34.428	26.855	1.424	4.746	30.626	35.319	2.921	33.177	44.941	0.103	228.852	1.004	0.103	234.188	1.047	0.103	0.126	0.0	0.102	0.139	0.0
60	1022	1023	NS	2	-34.73	26.259	1.909	-34.946	25.957	1.151	-3.501	31.107	39.951	0.574	36.113	55.196	0.103	251.021	2.319	0.103	263.871	1.914	0.103	0.277	0.0	0.102	0.167	0.0
61	1022	1023	SN	1	-34.942	25.854	0.156	-34.289	27.037	2.706	-13.09	31.114	26.699	-0.427	31.742	30.985	0.103	263.564	2.449	0.103	226.761	2.182	0.103	1.802	0.002	0.102	0.185	0.0
62	1023	1024	NS	1	-34.962	26.647	3.47	-32.312	25.405	1.923	-16.995	30.249	20.081	-4.802	33.945	32.1	0.103	264.746	1.866	0.103	143.872	1.537	0.103	4.307	0.002	0.102	0.341	0.0
63	1023	1024	SN	2	-34.048	27.228	0.661	-34.778	28.159	2.693	-9.002	30.523	28.984	-15.666	31.598	32.165	0.103	214.547	2.724	0.103	253.788	2.919	0.103	0.754	0.0	0.102	3.193	0.002
64	1024	1025	SN	1	-34.079	26.505	1.52	-34.39	27.726	4.563	-23.307	30.229	24.249	-22.473	31.593	25.789	0.103	216.102	2.285	0.103	232.116	2.343	0.103	18.165	0.042	0.102	15.006	0.023
65	1024	1025	NS	1	-34.569	26.442	4.478	-34.891	26.655	3.846	6.086	34.331	29.308	7.268	31.876	39.564	0.103	241.882	1.188	0.103	260.462	1.345	0.102	0.119	0.0	0.102	0.115	0.0
66	1025	1026	SN	1	-34.651	26.896	1.39	-34.872	27.059	5.103	-2.907	30.812	31.791	-1.83	31.313	33.369	0.103	246.492	2.259	0.103	259.392	2.559	0.103	0.253	0.0	0.103	0.218	0.0
67	1025	1026	NS	1	-34.352	26.955	2.781	-34.001	26.081	1.98	7.935	30.106	44.653	9.672	30.328	57.698	0.103	230.143	1.303	0.103	212.273	1.263	0.103	0.113	0.0	0.103	0.11	0.0
68	1026	1027	NS	1	-34.666	25.424	2.05	-34.004	26.279	0.76	9.29	30.28	36.786	9.85	30.976	49.22	0.103	247.336	2.99	0.103	212.419	3.005	0.103	0.11	0.0	0.103	0.109	0.0
69	1026	1027	SN	1	-34.337	26.117	0.579	-34.874	26.318	2.598	-0.045	31.058	57.753	1.475	31.619	63.238	0.103	229.337	2.156	0.103	259.472	2.213	0.103	0.177	0.0	0.102	0.154	0.0
70	1027	1028	SN	1	-33.483	25.383	0.616	-34.999	25.797	2.26	7.344	31.988	50.389	10.509	31.353	55.074	0.103	188.42	1.053	0.103	267.105	0.962	0.102	0.115	0.0	0.103	0.108	0.0
71	1027	1028	NS	1	-34.611	24.796	1.435	-33.984	24.294	0.125	8.657	29.975	23.446	9.678	30.864	35.203	0.103	244.236	1.977	0.103	211.438	1.818	0.103	0.112	0.0	0.103	0.11	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	1000	1001	NS	1	57.807	58.226	0.0	0.003	1.291	0.37	1227.72	1283.624	7.962	-93.103	-92.137	0.0
2	1000	1001	NS	2	57.807	58.226	0.0	0.003	1.291	0.37	1227.72	1283.624	7.962	-93.103	-92.137	0.0
3	1000	1001	SN	2	57.639	58.213	0.0	0.003	1.291	0.382	1205.248	1281.328	11.581	-93.198	-91.969	0.0
4	1000	1001	SN	1	57.639	58.213	0.0	0.003	1.291	0.382	1205.248	1281.328	11.581	-93.198	-91.969	0.0
5	1001	1002	NS	1	57.804	58.228	0.0	0.003	1.291	0.362	1227.944	1283.888	8.026	-93.111	-92.139	0.0
6	1001	1002	SN	1	57.639	58.21	0.0	0.003	1.291	0.367	1204.816	1280.984	12.374	-93.336	-91.966	0.0
7	1002	1003	SN	1	57.64	58.213	0.0	0.003	5.758	0.366	1205.192	1281.44	13.492	-93.076	-91.966	0.0
8	1002	1003	NS	1	57.791	58.227	0.0	0.003	264.108	0.369	1227.384	1283.8	7.964	-93.436	-92.139	0.0
9	1003	1004	SN	2	57.633	58.208	0.0	0.003	1.291	0.368	1204.68	1280.752	13.064	-93.08	-91.965	0.0
10	1003	1004	SN	1	57.633	58.212	0.0	0.003	1.291	0.367	1204.68	1281.296	13.698	-93.08	-91.965	0.0
11	1003	1004	NS	1	57.812	58.226	0.0	0.003	1.291	0.37	1228.216	1283.608	7.74	-93.079	-92.14	0.0
12	1003	1004	NS	2	57.812	58.226	0.0	0.003	274.162	0.371	1228.216	1283.608	7.741	-93.079	-92.14	0.0
13	1003	1004	SN	1	57.633	58.208	0.0	0.003	1.291	0.368	1204.68	1280.752	13.064	-93.08	-91.965	0.0
14	1004	1005	SN	1	57.641	58.21	0.0	0.003	1.291	0.361	1205.192	1281.152	16.776	-93.252	-91.964	0.0
15	1004	1005	NS	2	57.793	58.23	0.0	0.003	284.21	0.377	1227.592	1283.456	7.549	-93.068	-92.142	0.0
16	1004	1005	SN	2	57.641	58.207	0.0	0.003	1.291	0.368	1205.192	1280.624	12.798	-93.252	-91.964	0.0
17	1004	1005	NS	1	57.793	58.23	0.0	0.003	1.291	0.377	1227.592	1283.456	7.547	-93.068	-92.142	0.0
18	1004	1005	SN	1	57.641	58.207	0.0	0.003	1.291	0.368	1205.192	1280.624	12.798	-93.252	-91.964	0.0
19	1005	1006	SN	2	57.642	58.209	0.0	0.003	180.335	0.381	1205.344	1281.032	12.74	-93.211	-91.966	0.0
20	1005	1006	SN	1	57.642	58.209	0.0	0.003	180.335	0.381	1205.344	1281.032	12.74	-93.211	-91.966	0.0
21	1005	1006	NS	2	57.797	58.224	0.0	0.003	1.291	0.375	1228.216	1283.296	6.877	-93.17	-92.142	0.0
22	1005	1006	NS	1	57.797	58.224	0.0	0.003	1.291	0.375	1228.216	1283.296	6.877	-93.17	-92.142	0.0
23	1006	1007	SN	1	57.641	58.21	0.0	0.003	1.291	0.384	1204.8	1281.128	10.798	-93.024	-91.968	0.0
24	1006	1007	NS	1	57.795	58.229	0.0	0.003	1.291	0.371	1227.352	1283.344	6.83	-93.087	-92.14	0.0
25	1006	1007	SN	1	57.641	58.207	0.0	0.003	1.291	0.384	1204.8	1280.6	10.516	-93.024	-91.968	0.0
26	1007	1008	NS	1	57.794	58.234	0.0	0.003	1.291	0.383	1227.36	1283.4	7.079	-93.137	-92.14	0.0
27	1007	1008	SN	4	57.638	58.217	0.0	0.003	1.291	0.373	1205.152	1281.096	10.574	-93.072	-91.974	0.0
28	1007	1008	NS	3	57.794	58.234	0.0	0.003	1.291	0.383	1227.36	1283.4	7.079	-93.137	-92.14	0.0
29	1007	1008	SN	2	57.638	58.217	0.0	0.003	1.291	0.373	1205.152	1281.096	10.574	-93.072	-91.974	0.0
30	1008	1009	NS	2	57.803	58.236	0.0	0.003	1.291	0.385	1228.28	1283.256	7.003	-93.087	-92.142	0.0
31	1008	1009	SN	1	57.639	58.209	0.0	0.003	1.291	0.367	1205.096	1280.896	10.737	-93.018	-91.977	0.0
32	1009	1010	SN	1	57.652	58.208	0.0	0.003	1.291	0.379	1205.344	1280.704	10.927	-93.264	-91.968	0.0
33	1009	1010	NS	2	57.808	58.231	0.0	0.003	1.291	0.374	1228.344	1283.128	6.635	-93.073	-92.142	0.0
34	1010	1011	SN	2	57.645	58.209	0.0	0.008	1.291	0.38	1205.256	1280.784	12.196	-93.015	-91.97	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	1010	1011	SN	1	57.645	58.209	0.0	0.008	1.291	0.38	1205.256	1280.784	12.196	-93.015	-91.97	0.0
36	1010	1011	NS	1	57.809	58.223	0.0	0.003	1.291	0.369	1228.216	1283.12	6.539	-93.114	-92.142	0.0
37	1011	1012	NS	1	57.794	58.225	0.0	0.003	7.004	0.372	1227.416	1283.08	6.631	-93.105	-92.14	0.0
38	1011	1012	SN	1	57.642	58.208	0.0	0.003	221.096	0.371	1205.296	1280.728	11.531	-93.015	-91.968	0.0
39	1011	1012	NS	2	57.794	58.225	0.0	0.003	7.004	0.372	1227.416	1283.08	6.631	-93.105	-92.14	0.0
40	1012	1013	NS	1	57.797	58.223	0.0	0.003	226.236	0.375	1227.24	1283.152	6.638	-93.444	-92.139	0.0
41	1012	1013	SN	1	57.644	58.209	0.0	0.003	1.291	0.369	1205.592	1280.72	11.737	-93.087	-91.968	0.0
42	1013	1014	SN	1	57.64	58.209	0.0	0.003	1.291	0.386	1204.984	1280.792	11.41	-93.441	-91.969	0.0
43	1013	1014	NS	1	57.791	58.223	0.0	0.003	304.582	0.383	1227.4	1283.112	7.238	-93.246	-92.14	0.0
44	1014	1015	NS	1	57.792	58.221	0.0	0.003	1.291	0.382	1227.416	1282.928	6.717	-93.481	-92.143	0.0
45	1014	1015	SN	1	57.645	58.207	0.0	0.003	247.055	0.399	1205.68	1280.496	10.418	-93.23	-91.97	0.0
46	1015	1016	NS	1	57.809	58.223	0.0	0.003	251.247	0.363	1228.48	1283.16	6.848	-93.095	-92.143	0.0
47	1015	1016	SN	1	57.637	58.205	0.0	0.003	1.291	0.376	1204.888	1280.232	11.497	-92.951	-91.968	0.0
48	1016	1017	SN	1	57.641	58.209	0.0	0.003	1.291	0.365	1205.144	1280.856	12.965	-92.975	-91.97	0.0
49	1016	1017	NS	2	57.803	58.224	0.0	0.003	257.501	0.361	1228.64	1283.264	6.909	-93.011	-92.145	0.0
50	1017	1018	NS	1	57.8	58.239	0.0	0.003	1.291	0.372	1228.12	1283.08	6.563	-93.189	-92.146	0.0
51	1017	1018	SN	1	57.637	58.209	0.0	0.003	1.291	0.367	1204.48	1280.656	13.124	-93.025	-91.965	0.0
52	1018	1019	NS	2	57.803	58.228	0.0	0.003	1.291	0.378	1228.24	1282.968	6.462	-93.325	-92.146	0.0
53	1018	1019	SN	1	57.642	58.206	0.0	0.003	1.291	0.368	1204.88	1280.536	12.958	-92.994	-91.966	0.0
54	1019	1020	SN	1	57.639	58.205	0.0	0.003	1.291	0.374	1205.24	1280.344	12.805	-93.216	-91.965	0.0
55	1019	1020	NS	1	57.814	58.242	0.0	0.003	1.291	0.382	1228.864	1283.016	5.988	-93.149	-92.147	0.0
56	1020	1021	SN	1	57.638	58.205	0.0	0.008	1.291	0.383	1205.064	1280.312	10.776	-93.019	-91.967	0.0
57	1020	1021	NS	1	57.803	58.219	0.0	0.003	1.291	0.373	1228.12	1282.648	5.556	-93.067	-92.147	0.0
58	1021	1022	SN	1	57.643	58.205	0.0	0.003	275.392	0.376	1205.448	1280.4	10.103	-92.983	-91.969	0.0
59	1021	1022	NS	1	57.772	58.233	0.0	0.003	1.291	0.378	1227.344	1282.76	5.507	-93.126	-92.145	0.0
60	1022	1023	NS	2	57.797	58.22	0.0	0.003	1.291	0.391	1227.944	1282.712	5.93	-93.35	-92.146	0.0
61	1022	1023	SN	1	57.637	58.205	0.0	0.003	1.291	0.368	1204.96	1280.32	10.446	-93.003	-91.969	0.0
62	1023	1024	NS	1	57.803	58.218	0.0	0.003	1.291	0.377	1228.992	1282.52	5.311	-93.085	-92.148	0.0
63	1023	1024	SN	2	57.642	58.204	0.0	0.003	1.291	0.37	1205.344	1280.104	10.954	-93.017	-91.968	0.0
64	1024	1025	SN	1	57.652	58.204	0.0	0.003	198.198	0.381	1205.52	1280.08	11.532	-93.023	-91.968	0.0
65	1024	1025	NS	1	57.81	58.218	0.0	0.003	193.185	0.374	1228.672	1282.504	5.27	-93.323	-92.148	0.0
66	1025	1026	SN	1	57.65	58.204	0.0	0.003	1.291	0.373	1205.48	1280.032	11.884	-93.443	-91.967	0.0
67	1025	1026	NS	1	57.801	58.218	0.0	0.003	203.233	0.367	1228.64	1282.48	5.23	-93.162	-92.147	0.0
68	1026	1027	NS	1	57.798	58.218	0.0	0.003	214.545	0.373	1228.512	1282.52	5.359	-93.097	-92.145	0.0
69	1026	1027	SN	1	57.64	58.204	0.0	0.003	1.291	0.373	1205.152	1279.96	11.465	-93.211	-91.967	0.0
70	1027	1028	SN	1	57.648	58.205	0.0	0.003	1.291	0.382	1205.544	1280.072	11.907	-93.003	-91.969	0.0
71	1027	1028	NS	1	57.801	58.219	0.0	0.003	225.845	0.376	1228.224	1282.504	5.751	-93.195	-92.144	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	1000	1001	NS	1	-34.308	20.173	0.0	-34.773	18.176	0.0	-4.896	25.315	0.145	-2.933	26.36	0.478	0.08	180.244	1.281	0.081	200.651	1.682	0.08	0.272	0.0	0.08	0.199	0.0
2	1000	1001	NS	2	-34.308	20.173	0.0	-34.773	18.176	0.0	-4.896	25.315	0.145	-2.933	26.36	0.478	0.08	180.244	1.281	0.081	200.651	1.682	0.08	0.272	0.0	0.08	0.199	0.0
3	1000	1001	SN	2	-34.931	18.82	0.0	-34.883	19.282	0.0	-23.417	23.98	0.404	-23.822	24.127	0.175	0.08	208.093	3.407	0.08	205.784	2.815	0.08	14.741	0.007	0.08	16.174	0.023
4	1000	1001	SN	1	-34.931	18.82	0.0	-34.883	19.282	0.0	-23.417	23.98	0.404	-23.822	24.127	0.175	0.08	208.093	3.407	0.08	205.784	2.815	0.08	14.741	0.007	0.08	16.174	0.023
5	1001	1002	NS	1	-34.868	17.791	0.0	-34.707	19.482	0.0	-11.734	23.181	0.128	-29.684	24.659	0.35	0.081	205.014	2.304	0.08	197.613	2.548	0.08	1.059	0.002	0.08	62.194	0.03
6	1001	1002	SN	1	-33.109	18.541	0.0	-34.687	19.073	0.0	3.079	23.928	0.911	3.036	23.72	0.602	0.081	136.796	0.582	0.08	196.679	0.684	0.08	0.107	0.0	0.08	0.107	0.0
7	1002	1003	SN	1	-33.908	19.138	0.0	-33.477	19.265	0.0	2.37	23.821	0.595	2.483	22.429	0.136	0.08	164.425	1.116	0.08	148.858	1.041	0.08	0.112	0.0	0.08	0.111	0.0
8	1002	1003	NS	1	-34.229	17.557	0.0	-34.786	18.114	0.0	-28.822	23.363	0.114	-28.429	23.533	0.33	0.081	177.023	4.519	0.081	201.192	4.495	0.08	51.004	0.133	0.08	46.612	0.126
9	1003	1004	SN	2	-34.88	18.439	0.0	-34.937	18.954	0.0	2.652	23.952	2.635	3.422	24.164	4.476	0.081	205.614	1.468	0.08	208.343	1.334	0.08	0.11	0.0	0.08	0.105	0.0
10	1003	1004	SN	1	-34.88	18.439	0.0	-34.937	18.954	0.0	2.652	23.952	2.538	3.422	24.164	4.716	0.081	205.614	1.501	0.08	208.343	1.364	0.08	0.11	0.0	0.08	0.105	0.0
11	1003	1004	NS	1	-34.428	17.684	0.0	-34.657	17.474	0.0	-7.936	24.358	0.362	-8.355	23.901	0.478	0.081	185.325	1.319	0.081	195.374	1.297	0.08	0.48	0.0	0.08	0.521	0.0
12	1003	1004	NS	2	-34.428	17.684	0.0	-34.657	17.474	0.0	-7.936	24.358	0.362	-8.355	23.901	0.478	0.081	185.325	1.319	0.081	195.374	1.298	0.08	0.48	0.0	0.08	0.521	0.0
13	1003	1004	SN	1	-34.88	18.439	0.0	-34.937	18.954	0.0	2.652	23.952	2.635	3.422	24.164	4.476	0.081	205.614	1.468	0.08	208.343	1.334	0.08	0.11	0.0	0.08	0.105	0.0
14	1004	1005	SN	1	-34.263	18.855	0.0	-34.714	18.806	0.0	2.069	23.765	1.982	3.034	23.762	3.988	0.08	178.369	3.26	0.08	197.949	2.998	0.08	0.115	0.0	0.08	0.107	0.0
15	1004	1005	NS	2	-34.161	19.121	0.0	-34.677	19.192	0.0	-24.688	23.188	0.09	-20.191	23.84	0.508	0.08	174.275	1.242	0.08	196.273	1.484	0.08	19.733	0.006	0.08	7.045	0.01
16	1004	1005	SN	2	-34.263	18.855	0.0	-34.714	19.455	0.0	2.069	23.765	1.037	5.984	22.792	0.08	0.08	178.369	2.75	0.08	197.949	2.577	0.08	0.115	0.0	0.08	0.093	0.0
17	1004	1005	NS	1	-34.161	19.121	0.0	-34.677	19.192	0.0	-24.688	23.188	0.09	-20.191	23.84	0.508	0.08	174.275	1.242	0.08	196.273	1.484	0.08	19.733	0.006	0.08	7.045	0.01
18	1004	1005	SN	1	-34.263	18.855	0.0	-34.714	19.455	0.0	2.069	23.765	1.037	5.984	22.792	0.08	0.08	178.369	2.75	0.08	197.949	2.577	0.08	0.115	0.0	0.08	0.093	0.0
19	1005	1006	SN	2	-34.159	18.496	0.0	-34.646	19.488	0.0	1.762	24.74	2.222	4.842	24.919	2.475	0.081	174.163	2.208	0.08	199.464	2.081	0.08	0.118	0.0	0.08	0.098	0.0
20	1005	1006	SN	1	-34.159	18.496	0.0	-34.646	19.488	0.0	1.762	24.74	2.222	4.842	24.919	2.475	0.081	174.163	2.208	0.08	199.464	2.081	0.08	0.118	0.0	0.08	0.098	0.0
21	1005	1006	NS	2	-34.936	20.902	0.0	-34.752	20.64	0.0	-34.034	24.045	0.947	-32.253	23.935	1.418	0.08	208.283	1.163	0.08	199.626	1.22	0.08	169.251	0.082	0.08	112.332	0.074
22	1005	1006	NS	1	-34.936	20.902	0.0	-34.752	20.64	0.0	-34.034	24.045	0.947	-32.253	23.935	1.418	0.08	208.283	1.163	0.08	199.626	1.22	0.08	169.251	0.082	0.08	112.332	0.074
23	1006	1007	SN	1	-34.207	17.998	0.0	-33.655	20.69	0.0	-10.804	24.703	2.537	-10.126	25.223	2.835	0.081	176.138	2.915	0.08	155.075	2.331	0.08	0.867	0.0	0.08	0.775	0.0
24	1006	1007	NS	1	-34.762	20.186	0.0	-34.405	20.518	0.0	3.045	24.233	1.232	2.729	25.02	2.725	0.08	200.113	1.152	0.08	184.355	1.206	0.08	0.107	0.0	0.08	0.11	0.0
25	1006	1007	SN	1	-34.207	17.998	0.0	-33.655	20.69	0.0	-10.804	24.703	2.58	-10.126	25.223	2.398	0.081	176.138	2.926	0.08	155.075	2.356	0.08	0.867	0.0	0.08	0.775	0.0
26	1007	1008	NS	1	-33.11	20.333	0.0	-34.77	19.585	0.0	1.894	24.505	2.412	2.014	25.75	5.095	0.08	136.851	0.882	0.08	200.503	1.024	0.08	0.116	0.0	0.08	0.115	0.0
27	1007	1008	SN	4	-34.184	17.975	0.0	-34.233	21.182	0.0	-27.84	24.574	2.007	-22.963	25.585	2.483	0.081	175.168	1.807	0.08	177.207	1.668	0.08	40.705	0.048	0.08	13.282	0.005
28	1007	1008	NS	3	-33.11	20.333	0.0	-34.77	19.585	0.0	1.894	24.505	2.412	2.014	25.75	5.095	0.08	136.851	0.882	0.08	200.503	1.024	0.08	0.116	0.0	0.08	0.115	0.0
29	1007	1008	SN	2	-34.184	17.975	0.0	-34.233	21.182	0.0	-27.84	24.574	2.007	-22.963	25.585	2.483	0.081	175.168	1.807	0.08	177.207	1.668	0.08	40.705	0.048	0.08	13.282	0.005
30	1008	1009	NS	2	-34.289	20.753	0.0	-34.759	18.475	0.0	-16.726	24.706	2.969	-28.879	25.482	6.381	0.08	179.479	2.037	0.081	199.987	2.128	0.08	3.206	0.003	0.08	51.681	0.008
31	1008	1009	SN	1	-34.733	19.197	0.0	-34.662	21.081	0.0	-4.056	24.707	2.059	-2.23	25.319	1.919	0.08	198.814	3.621	0.08	195.561	3.027	0.08	0.237	0.0	0.08	0.18	0.0
32	1009	1010	SN	1	-34.982	20.252	0.0	-34.895	21.623	0.0	-28.633	24.621	1.823	-25.44	25.51	1.962	0.08	210.526	3.912	0.08	206.353	3.933	0.08	48.844	0.117	0.08	23.453	0.025

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

Normal Deviations

Alarming High Errors

33	1009	1010	NS	2	-34.549	20.56	0.0	-34.64	18.874	0.0	1.086	24.542	1.852	2.124	25.116	3.979	0.08	190.539	1.19	0.08	194.597	1.444	0.08	0.124	0.0	0.08	0.114	0.0
34	1010	1011	SN	2	-34.815	19.678	0.0	-34.789	20.365	0.0	-26.738	24.865	1.647	-21.006	25.736	1.876	0.08	202.562	1.995	0.08	201.344	1.783	0.08	31.593	0.022	0.08	8.487	0.011
35	1010	1011	SN	1	-34.815	19.678	0.0	-34.789	20.365	0.0	-26.738	24.865	1.647	-21.006	25.736	1.876	0.08	202.562	1.995	0.08	201.344	1.783	0.08	31.593	0.022	0.08	8.487	0.011
36	1010	1011	NS	1	-31.806	20.902	0.0	-34.963	18.98	0.0	2.369	24.926	4.438	5.389	24.834	5.14	0.08	101.367	0.747	0.08	209.596	0.795	0.08	0.112	0.0	0.08	0.095	0.0
37	1011	1012	NS	1	-34.026	20.63	0.0	-34.976	19.431	0.0	4.791	24.437	2.341	4.897	24.285	4.395	0.08	168.939	2.015	0.08	210.249	2.072	0.08	0.098	0.0	0.08	0.097	0.0
38	1011	1012	SN	1	-34.957	20.902	0.0	-34.499	20.623	0.0	-22.088	24.63	4.096	-18.766	25.425	4.836	0.08	209.318	1.867	0.08	188.416	1.672	0.08	10.869	0.039	0.08	5.091	0.013
39	1011	1012	NS	2	-34.026	20.63	0.0	-34.976	19.431	0.0	4.791	24.437	2.341	4.897	24.285	4.395	0.08	168.939	2.015	0.08	210.249	2.072	0.08	0.098	0.0	0.08	0.097	0.0
40	1012	1013	NS	1	-34.734	19.452	0.0	-34.946	17.13	0.0	3.851	24.85	4.079	3.579	25.038	5.18	0.08	198.856	2.468	0.081	208.794	2.523	0.08	0.102	0.0	0.08	0.104	0.0
41	1012	1013	SN	1	-34.903	19.217	0.0	-34.719	19.974	0.0	4.101	24.584	7.648	4.773	25.868	12.911	0.08	206.741	1.408	0.08	198.147	1.384	0.08	0.101	0.0	0.08	0.098	0.0
42	1013	1014	SN	1	-34.374	19.446	0.0	-33.655	19.774	0.0	4.111	24.7	1.432	5.715	24.994	1.748	0.08	185.905	1.131	0.08	155.106	1.092	0.08	0.101	0.0	0.08	0.094	0.0
43	1013	1014	NS	1	-34.857	18.722	0.0	-34.578	17.751	0.0	3.916	24.65	3.433	1.77	25.026	3.692	0.08	204.573	1.579	0.081	191.808	1.583	0.08	0.102	0.0	0.08	0.117	0.0
44	1014	1015	NS	1	-34.697	20.993	0.0	-33.956	21.091	0.0	2.698	27.263	0.818	2.265	24.313	1.254	0.08	197.206	1.739	0.08	166.251	2.02	0.08	0.11	0.0	0.08	0.113	0.0
45	1014	1015	SN	1	-34.41	18.618	0.0	-34.34	19.574	0.0	-8.671	24.356	0.476	-17.308	25.196	0.28	0.081	184.506	1.414	0.08	181.625	1.49	0.08	0.556	0.0	0.08	3.657	0.002
46	1015	1016	NS	1	-34.677	19.941	0.0	-34.3	18.543	0.0	-9.704	23.499	0.117	-6.777	24.25	0.336	0.08	196.229	1.239	0.081	179.925	1.562	0.08	0.687	0.0	0.08	0.383	0.0
47	1015	1016	SN	1	-34.303	18.753	0.0	-33.704	19.627	0.0	2.089	24.185	0.548	1.635	24.321	0.334	0.08	180.047	1.813	0.08	156.876	1.692	0.08	0.115	0.0	0.08	0.119	0.0
48	1016	1017	SN	1	-34.32	18.156	0.0	-34.914	18.721	0.0	2.296	23.572	0.726	2.383	22.263	0.015	0.081	180.759	1.14	0.08	212.156	0.919	0.08	0.113	0.0	0.08	0.112	0.0
49	1016	1017	NS	2	-34.801	18.038	0.0	-34.606	17.986	0.0	-6.262	23.445	0.058	-21.523	24.277	0.336	0.081	201.914	2.797	0.081	193.071	3.076	0.08	0.348	0.0	0.08	9.553	0.018
50	1017	1018	NS	1	-34.705	17.919	0.0	-34.776	18.244	0.0	-28.124	23.923	0.207	-31.555	23.891	0.351	0.081	197.487	3.034	0.081	200.801	3.418	0.08	43.447	0.031	0.08	95.668	0.052
51	1017	1018	SN	1	-33.828	18.354	0.0	-34.286	18.871	0.0	2.342	24.12	2.32	3.215	24.044	3.371	0.081	161.392	1.162	0.08	179.357	1.178	0.08	0.113	0.0	0.08	0.106	0.0
52	1018	1019	NS	2	-34.247	19.038	0.0	-34.552	18.984	0.0	-25.482	23.68	0.162	-26.241	24.127	0.348	0.08	177.737	2.433	0.08	190.659	2.789	0.08	23.672	0.038	0.08	28.187	0.029
53	1018	1019	SN	1	-34.601	19.375	0.0	-34.855	19.251	0.0	1.198	23.785	1.485	3.005	23.909	2.527	0.08	192.889	1.579	0.08	204.46	1.196	0.08	0.123	0.0	0.08	0.108	0.0
54	1019	1020	SN	1	-34.349	18.85	0.0	-34.741	19.78	0.0	1.544	24.014	1.254	5.139	24.505	0.662	0.08	182.006	2.955	0.08	199.115	2.72	0.08	0.12	0.0	0.08	0.096	0.0
55	1019	1020	NS	1	-34.571	19.113	0.0	-34.914	19.302	0.0	-23.047	23.72	0.465	-23.332	24.11	0.963	0.08	191.521	2.427	0.08	207.226	2.549	0.08	13.54	0.049	0.08	14.455	0.029
56	1020	1021	SN	1	-34.174	17.624	0.0	-34.846	20.648	0.0	-5.54	25.354	2.187	0.528	25.038	2.309	0.081	174.807	2.536	0.08	204.049	2.137	0.08	0.305	0.0	0.08	0.131	0.0
57	1020	1021	NS	1	-34.28	20.206	0.0	-34.473	20.609	0.0	3.181	24.689	3.941	2.223	24.675	4.284	0.08	179.109	0.863	0.08	187.25	1.022	0.08	0.106	0.0	0.08	0.114	0.0
58	1021	1022	SN	1	-32.835	17.647	0.0	-34.861	20.738	0.0	-6.526	24.438	2.105	-6.321	25.581	2.575	0.081	128.428	1.702	0.08	204.735	1.514	0.08	0.365	0.0	0.08	0.352	0.0
59	1021	1022	NS	1	-34.883	19.944	0.0	-33.839	19.773	0.0	-5.444	24.738	2.601	-2.142	25.345	4.396	0.08	205.801	0.744	0.08	161.812	0.903	0.08	0.3	0.0	0.08	0.178	0.0
60	1022	1023	NS	2	-34.106	20.199	0.0	-34.052	18.906	0.0	-0.889	24.776	3.427	2.731	25.597	7.357	0.08	172.104	1.689	0.08	169.977	1.656	0.08	0.152	0.0	0.08	0.11	0.0
61	1022	1023	SN	1	-34.874	16.617	0.0	-34.946	21.49	0.0	-25.043	24.412	1.987	-5.812	25.394	2.212	0.081	205.342	2.356	0.08	208.794	2.084	0.08	21.406	0.02	0.08	0.32	0.0
62	1023	1024	NS	1	-34.26	20.226	0.0	-34.94	19.155	0.0	-12.838	24.366	1.691	-15.296	25.122	4.578	0.08	178.253	1.72	0.08	208.507	1.644	0.08	1.347	0.003	0.08	2.325	0.002
63	1023	1024	SN	2	-34.635	21.143	0.0	-33.669	21.805	0.0	-22.759	24.516	2.27	-26.744	25.725	2.101	0.08	194.389	2.718	0.08	155.586	2.809	0.08	12.679	0.06	0.08	31.642	0.062
64	1024	1025	SN	1	-34.487	19.847	0.0	-34.069	21.027	0.0	-22.454	25.009	1.529	-17.861	25.595	1.625	0.08	187.843	2.51	0.08	170.62	2.316	0.08	11.822	0.023	0.08	4.146	0.012
65	1024	1025	NS	1	-32.959	19.954	0.0	-34.278	19.101	0.0	2.375	24.625	2.92	0.573	25.156	4.43	0.08	132.128	1.323	0.08	179.023	1.409	0.08	0.112	0.0	0.08	0.13	0.0
66	1025	1026	SN	1	-34.178	20.729	0.0	-34.193	20.631	0.0	-10.188	24.618	2.499	-12.187	25.546	2.685	0.08	174.921	1.803	0.08	175.532	2.093	0.08	0.761	0.0	0.08	1.168	0.002
67	1025	1026	NS	1	-34.156	20.487	0.0	-34.84	19.4	0.0	7.814	24.635	3.579	7.44	25.062	4.559	0.08	174.092	1.115	0.08	203.723	1.234	0.08	0.089	0.0	0.08	0.089	0.0
68	1026	1027	NS	1	-34.96	19.861	0.0	-34.929	18.386	0.0	2.375	24.585	2.789	2.588	24.837	5.177	0.08	209.445	2.721	0.081	207.97	2.981	0.08	0.112	0.0	0.08	0.111	0.0
69	1026	1027	SN	1	-34.948	20.637	0.0	-34.717	21.139	0.0	-18.754	24.619	5.708	-25.876	25.388	7.803	0.08	208.888	2.186	0.08	198.107	2.218	0.08	5.078	0.02	0.08	25.919	0.071

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

Normal Deviations

Alarming High Errors

70	1027	1028	SN	1	-34.905	19.621	0.0	-34.134	20.283	0.0	4.111	24.687	3.971	5.565	25.707	6.157	0.08	206.786	1.399	0.08	173.224	1.327	0.08	0.101	0.0	0.08	0.095	0.0
71	1027	1028	NS	1	-34.26	19.027	0.0	-31.461	17.3	0.0	3.165	24.839	4.662	3.331	24.752	5.02	0.08	178.286	1.636	0.081	93.626	1.753	0.08	0.107	0.0	0.08	0.106	0.0

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

Normal
Deviations
Alarming
High Errors