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

Report between 27-OCT-2016 To 28-OCT-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	448	449	SN	1	49.01	49.364	0.0	0.003	1.291	0.384	1046.976	1093.432	0.0	-91.096	-90.181	0.0
2	448	449	NS	1	48.895	49.297	0.0	0.003	1.291	0.377	1028.232	1079.968	0.0	-91.195	-90.013	0.0
3	448	449	SN	2	49.01	49.364	0.0	0.003	1.291	0.384	1046.976	1093.432	0.0	-91.096	-90.181	0.0
4	449	450	SN	2	49.015	49.363	0.0	0.003	1.291	0.383	1046.936	1093.344	0.0	-91.323	-90.181	0.0
5	449	450	SN	1	49.015	49.363	0.0	0.003	1.291	0.383	1046.936	1093.344	0.0	-91.323	-90.181	0.0
6	449	450	NS	1	48.901	49.249	0.0	0.003	1.291	0.377	1028.808	1075.744	0.0	-91.139	-90.014	0.0
7	449	450	NS	2	48.901	49.249	0.0	0.003	1.291	0.377	1028.808	1075.744	0.0	-91.139	-90.014	0.0
8	450	451	NS	1	48.905	49.241	0.0	0.003	1.291	0.36	1028.8	1073.936	0.0	-91.141	-90.016	0.0
9	450	451	SN	2	49.006	49.364	0.0	0.003	1.291	0.368	1046.048	1093.496	0.0	-91.38	-90.178	0.0
10	450	451	SN	1	49.006	49.364	0.0	0.003	1.291	0.368	1046.048	1093.496	0.0	-91.38	-90.178	0.0
11	450	451	NS	2	48.905	49.241	0.0	0.003	1.291	0.36	1028.8	1073.936	0.0	-91.141	-90.016	0.0
12	451	452	NS	2	48.901	49.25	0.0	0.003	1.291	0.362	1028.816	1075.96	0.0	-91.214	-90.017	0.0
13	451	452	NS	1	48.901	49.25	0.0	0.003	1.291	0.362	1028.816	1075.96	0.0	-91.214	-90.017	0.0
14	451	452	SN	2	49.015	49.382	0.0	0.003	1.291	0.362	1046.424	1093.504	0.0	-91.345	-90.176	0.0
15	451	452	SN	1	49.015	49.382	0.0	0.003	1.291	0.362	1046.424	1093.504	0.0	-91.345	-90.176	0.0
16	452	453	SN	1	49.008	49.391	0.0	0.003	1.291	0.367	1046.016	1093.408	0.0	-91.413	-90.175	0.0
17	452	453	NS	4	48.916	49.356	0.0	0.003	1.291	0.371	1029.4	1092.104	0.0	-91.256	-90.018	0.0
18	452	453	SN	3	49.008	49.391	0.0	0.003	1.291	0.367	1046.016	1093.408	0.0	-91.413	-90.175	0.0
19	452	453	NS	2	48.916	49.356	0.0	0.003	1.291	0.371	1029.4	1092.104	0.0	-91.256	-90.018	0.0
20	453	454	NS	1	48.923	49.355	0.0	0.003	1.291	0.375	1029.392	1092.032	0.0	-91.145	-90.018	0.0
21	453	454	NS	2	48.923	49.355	0.0	0.003	1.291	0.375	1029.392	1092.032	0.0	-91.145	-90.018	0.0
22	454	455	SN	3	49.009	49.365	0.0	0.003	1.291	0.371	1045.976	1093.288	0.0	-91.434	-90.175	0.0
23	454	455	NS	4	48.901	49.355	0.0	0.003	1.291	0.372	1028.816	1091.968	0.0	-91.112	-90.018	0.0
24	454	455	NS	2	48.901	49.355	0.0	0.003	1.291	0.372	1028.816	1091.968	0.0	-91.112	-90.018	0.0
25	454	455	SN	1	49.009	49.365	0.0	0.003	1.291	0.371	1045.976	1093.288	0.0	-91.434	-90.175	0.0
26	455	456	SN	3	49.004	49.382	0.0	0.003	1.291	0.383	1045.704	1093.392	0.0	-91.31	-90.178	0.0
27	455	456	NS	4	48.902	49.355	0.0	0.003	1.291	0.369	1028.904	1092.032	0.0	-91.353	-90.017	0.0
28	455	456	SN	1	49.004	49.382	0.0	0.003	1.291	0.383	1045.704	1093.392	0.0	-91.31	-90.178	0.0
29	455	456	NS	2	48.902	49.355	0.0	0.003	1.291	0.369	1028.904	1092.032	0.0	-91.353	-90.017	0.0
30	456	457	NS	2	48.899	49.358	0.0	0.003	1.291	0.375	1028.408	1092.184	0.0	-91.215	-90.016	0.0
31	456	457	NS	1	48.899	49.358	0.0	0.003	1.291	0.375	1028.408	1092.184	0.0	-91.215	-90.016	0.0
32	457	458	NS	2	48.901	49.356	0.0	0.003	1.291	0.383	1028.824	1092.16	0.0	-91.34	-90.017	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	457	458	NS	1	48.901	49.356	0.0	0.003	1.291	0.383	1028.824	1092.16	0.0	-91.34	-90.017	0.0
34	458	459	NS	1	48.895	49.356	0.0	0.003	1.291	0.375	1028.784	1092.104	0.0	-91.18	-90.018	0.0
35	458	459	NS	2	48.895	49.356	0.0	0.003	1.291	0.375	1028.784	1092.104	0.0	-91.18	-90.018	0.0
36	459	460	SN	1	49.007	49.364	0.0	0.003	1.291	0.378	1045.944	1093.48	0.0	-91.274	-90.176	0.0
37	459	460	SN	2	49.007	49.364	0.0	0.003	1.291	0.378	1045.944	1093.48	0.0	-91.274	-90.176	0.0
38	460	461	SN	2	49.032	49.364	0.0	0.003	1.291	0.371	1046.328	1093.552	0.0	-91.207	-90.175	0.0
39	460	461	NS	1	48.908	49.348	0.0	0.003	1.291	0.369	1029.136	1090.88	0.0	-91.316	-90.016	0.0
40	460	461	NS	2	48.908	49.348	0.0	0.003	1.291	0.369	1029.136	1090.88	0.0	-91.316	-90.016	0.0
41	460	461	SN	1	49.032	49.364	0.0	0.003	1.291	0.371	1046.328	1093.552	0.0	-91.207	-90.175	0.0
42	461	462	SN	2	49.009	49.365	0.0	0.003	1.291	0.369	1045.8	1093.672	0.0	-91.566	-90.174	0.0
43	461	462	SN	1	49.009	49.365	0.0	0.003	1.291	0.369	1045.8	1093.672	0.0	-91.566	-90.174	0.0
44	461	462	NS	2	48.897	49.337	0.0	0.003	1.291	0.372	1029.008	1088.864	0.0	-91.225	-90.017	0.0
45	461	462	NS	1	48.897	49.337	0.0	0.003	1.291	0.372	1029.008	1088.864	0.0	-91.225	-90.017	0.0
46	462	463	NS	1	48.896	49.307	0.0	0.003	1.291	0.375	1028.512	1084.64	0.0	-91.764	-90.014	0.0
47	462	463	NS	2	48.896	49.307	0.0	0.003	1.291	0.375	1028.512	1084.64	0.0	-91.764	-90.014	0.0
48	462	463	SN	1	49.011	49.366	0.0	0.003	1.291	0.384	1045.792	1093.8	0.0	-91.058	-90.176	0.0
49	462	463	SN	2	49.011	49.366	0.0	0.003	1.291	0.384	1045.792	1093.8	0.0	-91.058	-90.176	0.0
50	463	464	SN	1	49.005	49.376	0.0	0.003	1.291	0.389	1045.792	1093.704	0.0	-91.628	-90.175	0.0
51	463	464	NS	1	48.902	49.26	0.0	0.003	1.291	0.388	1028.928	1077.52	0.0	-91.522	-90.016	0.0
52	464	465	NS	1	48.897	49.276	0.0	0.003	1.291	0.367	1028.712	1074.824	0.0	-91.297	-90.018	0.0
53	464	465	SN	1	49.004	49.424	0.0	0.003	1.291	0.372	1045.544	1094.528	0.0	-91.962	-90.173	0.0
54	465	466	NS	1	48.901	49.25	0.0	0.003	1.291	0.363	1029.416	1075.448	0.0	-91.147	-90.019	0.0
55	465	466	SN	1	49.006	49.366	0.0	0.003	1.291	0.361	1045.392	1093.872	0.0	-91.286	-90.172	0.0
56	466	467	NS	1	48.898	49.289	0.0	0.003	1.291	0.369	1029.056	1081.936	0.0	-91.475	-90.02	0.0
57	466	467	SN	1	49.026	49.396	0.0	0.003	1.291	0.366	1045.776	1093.808	0.0	-91.299	-90.17	0.0
58	467	468	NS	1	48.913	49.359	0.0	0.003	1.291	0.37	1029.576	1092.504	0.0	-91.149	-90.019	0.0
59	467	468	SN	1	49.011	49.358	0.0	0.003	1.291	0.363	1045.76	1087.672	0.0	-91.385	-90.17	0.0
60	468	469	NS	1	48.922	49.358	0.0	0.003	1.291	0.373	1029.592	1092.464	0.0	-91.124	-90.019	0.0
61	468	469	SN	1	49.004	49.38	0.0	0.003	1.291	0.37	1045.08	1093.696	0.0	-91.456	-90.169	0.0
62	469	470	SN	1	49.005	49.365	0.0	0.003	248.363	0.377	1045.168	1093.72	0.0	-91.78	-90.17	0.0
63	469	470	NS	1	48.899	49.358	0.0	0.003	1.291	0.371	1029.424	1092.456	0.0	-91.228	-90.018	0.0
64	470	471	NS	1	48.902	49.359	0.0	0.003	252.73	0.373	1029.064	1092.664	0.0	-91.363	-90.017	0.0
65	470	471	SN	2	49.013	49.366	0.0	0.003	257.446	0.379	1046.0	1093.944	0.0	-91.292	-90.172	0.0
66	471	472	NS	1	48.909	49.36	0.0	0.003	261.538	0.379	1029.056	1092.712	0.0	-91.354	-90.019	0.0
67	472	473	NS	1	48.896	49.359	0.0	0.003	1.291	0.378	1029.04	1092.704	0.0	-91.313	-90.02	0.0
68	473	474	NS	1	48.896	49.359	0.0	0.003	1.291	0.376	1028.68	1092.648	0.0	-91.422	-90.018	0.0
69	473	474	SN	1	49.012	49.366	0.0	0.003	1.291	0.375	1045.256	1093.912	0.0	-91.793	-90.17	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	474	475	SN	1	49.014	49.367	0.0	0.003	1.291	0.374	1045.664	1094.0	0.0	-91.31	-90.17	0.0
71	474	475	NS	1	48.911	49.355	0.0	0.003	1.291	0.369	1029.376	1092.048	0.0	-91.328	-90.018	0.0
72	475	476	SN	1	49.007	49.367	0.0	0.003	1.291	0.372	1045.128	1094.072	0.0	-91.275	-90.169	0.0
73	475	476	NS	1	48.914	49.347	0.0	0.003	1.291	0.372	1029.232	1090.664	0.0	-91.116	-90.016	0.0
74	476	477	SN	1	48.998	49.368	0.0	0.003	1.291	0.372	1044.888	1094.232	0.0	-91.119	-90.168	0.0
75	476	477	NS	1	48.903	49.327	0.0	0.003	1.291	0.37	1029.128	1087.712	0.0	-91.781	-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

					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	448	449	SN	1	-34.123	25.015	1.636	-33.828	26.584	3.224	6.71	30.583	32.417	8.159	29.664	35.914	0.103	218.284	1.612	0.103	203.925	1.204	0.103	0.117	0.0	0.103	0.113	0.0
2	448	449	NS	1	-34.157	24.711	2.094	-34.898	23.544	0.178	2.386	30.521	12.213	2.445	31.616	16.024	0.103	220.059	2.175	0.103	260.946	2.466	0.103	0.144	0.0	0.102	0.143	0.0
3	448	449	SN	2	-34.123	25.015	1.636	-33.828	26.584	3.224	6.71	30.583	32.417	8.159	29.664	35.914	0.103	218.284	1.612	0.103	203.925	1.204	0.103	0.117	0.0	0.103	0.113	0.0
4	449	450	SN	2	-34.17	27.934	2.906	-33.727	26.923	3.663	-10.765	30.731	27.109	-10.348	31.361	25.317	0.103	220.68	1.985	0.103	199.298	1.618	0.103	1.089	0.002	0.103	0.997	0.0
5	449	450	SN	1	-34.17	27.934	2.906	-33.727	26.923	3.663	-10.765	30.731	27.109	-10.348	31.361	25.317	0.103	220.68	1.985	0.103	199.298	1.618	0.103	1.089	0.002	0.103	0.997	0.0
6	449	450	NS	1	-34.068	26.437	1.597	-34.895	25.258	0.729	5.634	34.127	30.783	-64.262	35.354	34.958	0.103	215.528	2.431	0.103	260.739	2.072	0.102	0.121	0.0	0.102	0.121	0.0
7	449	450	NS	2	-34.068	26.437	1.597	-34.895	25.258	0.729	5.634	34.127	30.783	-64.262	35.354	34.958	0.103	215.528	2.431	0.103	260.739	2.072	0.102	0.121	0.0	0.102	0.121	0.0
8	450	451	NS	1	-34.557	24.48	0.421	-33.978	24.502	0.496	-7.923	30.472	14.698	-4.822	34.447	19.092	0.103	241.232	3.407	0.103	211.092	2.659	0.103	0.607	0.0	0.102	0.342	0.0
9	450	451	SN	2	-34.199	27.105	1.025	-34.4	27.984	1.814	-5.728	34.763	15.278	-22.358	30.464	9.627	0.103	222.169	2.209	0.103	232.685	1.888	0.102	0.401	0.0	0.103	14.614	0.003
10	450	451	SN	1	-34.199	27.105	1.025	-34.4	27.984	1.814	-5.728	34.763	15.278	-22.358	30.464	9.627	0.103	222.169	2.209	0.103	232.685	1.888	0.102	0.401	0.0	0.103	14.614	0.003
11	450	451	NS	2	-34.557	24.48	0.421	-33.978	24.502	0.496	-7.923	30.472	14.698	-4.822	34.447	19.092	0.103	241.232	3.407	0.103	211.092	2.659	0.103	0.607	0.0	0.102	0.342	0.0
12	451	452	NS	2	-34.747	24.014	0.32	-34.687	23.235	0.043	-3.081	28.937	12.657	-8.234	30.714	17.008	0.103	252.025	6.571	0.103	248.546	5.782	0.103	0.26	0.0	0.103	0.646	0.0
13	451	452	NS	1	-34.747	24.014	0.32	-34.687	23.235	0.043	-3.081	28.937	12.657	-8.234	30.714	17.008	0.103	252.025	6.571	0.103	248.546	5.782	0.103	0.26	0.0	0.103	0.646	0.0
14	451	452	SN	2	-34.855	27.49	0.324	-34.617	27.274	1.014	8.322	28.617	23.19	9.304	29.036	12.791	0.103	258.349	1.212	0.103	244.599	1.183	0.103	0.112	0.0	0.103	0.11	0.0
15	451	452	SN	1	-34.855	27.49	0.324	-34.617	27.274	1.014	8.322	28.617	23.19	9.304	29.036	12.791	0.103	258.349	1.212	0.103	244.599	1.183	0.103	0.112	0.0	0.103	0.11	0.0
16	452	453	SN	1	-34.965	24.711	0.796	-33.952	25.376	1.751	7.647	29.7	24.898	7.963	29.253	19.989	0.103	264.961	0.91	0.103	209.836	0.82	0.103	0.114	0.0	0.103	0.113	0.0
17	452	453	NS	4	-34.753	26.104	2.293	-32.785	27.146	2.606	-9.455	32.367	10.771	-7.931	31.895	18.596	0.103	252.406	3.13	0.103	160.431	3.512	0.102	0.827	0.0	0.102	0.608	0.0
18	452	453	SN	3	-34.965	24.711	0.796	-33.952	25.376	1.751	7.647	29.7	24.898	7.963	29.253	19.989	0.103	264.961	0.91	0.103	209.836	0.82	0.103	0.114	0.0	0.103	0.113	0.0
19	452	453	NS	2	-34.753	26.104	2.293	-32.785	27.146	2.606	-9.455	32.367	10.771	-7.931	31.895	18.596	0.103	252.406	3.13	0.103	160.431	3.512	0.102	0.827	0.0	0.102	0.608	0.0
20	453	454	NS	1	-33.313	24.557	0.631	-34.818	25.218	0.428	-5.504	30.04	20.708	-5.082	31.61	28.292	0.103	181.154	2.489	0.103	256.179	1.906	0.103	0.385	0.0	0.102	0.358	0.0
21	453	454	NS	2	-33.313	24.557	0.631	-34.818	25.218	0.428	-5.504	30.04	20.708	-5.082	31.61	28.292	0.103	181.154	2.489	0.103	256.179	1.906	0.103	0.385	0.0	0.102	0.358	0.0
22	454	455	SN	3	-34.614	24.95	0.281	-33.666	25.458	0.773	7.468	32.637	18.302	8.518	33.658	18.688	0.103	244.429	2.826	0.103	196.493	2.866	0.102	0.115	0.0	0.102	0.112	0.0
23	454	455	NS	4	-33.911	25.424	1.128	-34.075	26.265	1.235	-11.095	30.642	20.354	-7.317	31.084	27.802	0.103	207.948	1.286	0.103	215.901	0.983	0.103	1.168	0.003	0.103	0.539	0.0
24	454	455	NS	2	-33.911	25.424	1.128	-34.075	26.265	1.235	-11.095	30.642	20.354	-7.317	31.084	27.802	0.103	207.948	1.286	0.103	215.901	0.983	0.103	1.168	0.003	0.103	0.539	0.0
25	454	455	SN	1	-34.614	24.95	0.281	-33.666	25.458	0.773	7.468	32.637	18.302	8.518	33.658	18.688	0.103	244.429	2.826	0.103	196.493	2.866	0.102	0.115	0.0	0.102	0.112	0.0
26	455	456	SN	3	-34.923	26.171	0.092	-34.055	26.188	1.585	0.18	34.553	19.255	4.627	35.001	19.935	0.103	262.482	4.025	0.103	214.94	3.52	0.102	0.173	0.0	0.102	0.126	0.0
27	455	456	NS	4	-34.134	27.265	1.438	-31.447	28.46	1.474	9.417	30.287	25.109	9.335	30.871	34.5	0.103	218.858	1.066	0.103	117.938	0.84	0.103	0.11	0.0	0.103	0.11	0.0
28	455	456	SN	1	-34.923	26.171	0.092	-34.055	26.188	1.585	0.18	34.553	19.255	4.627	35.001	19.935	0.103	262.482	4.025	0.103	214.94	3.52	0.102	0.173	0.0	0.102	0.126	0.0
29	455	456	NS	2	-34.134	27.265	1.438	-31.447	28.46	1.474	9.417	30.287	25.109	9.335	30.871	34.5	0.103	218.858	1.066	0.103	117.938	0.84	0.103	0.11	0.0	0.103	0.11	0.0
30	456	457	NS	2	-33.819	26.598	2.406	-31.985	26.779	2.143	4.985	31.073	44.174	8.271	32.577	53.95	0.103	203.539	1.963	0.103	133.49	1.79	0.103	0.125	0.0	0.102	0.113	0.0
31	456	457	NS	1	-33.819	26.598	2.406	-31.985	26.779	2.143	4.985	31.073	44.174	8.271	32.577	53.95	0.103	203.539	1.963	0.103	133.49	1.79	0.103	0.125	0.0	0.102	0.113	0.0
32	457	458	NS	2	-34.489	26.471	2.337	-32.894	26.222	1.644	-0.761	32.452	30.02	5.522	34.32	44.675	0.103	237.426	1.067	0.103	164.479	0.982	0.102	0.192	0.0	0.102	0.122	0.0
33	457	458	NS	1	-34.489	26.471	2.337	-32.894	26.222	1.644	-0.761	32.452	30.02	5.522	34.32	44.675	0.103	237.426	1.067	0.103	164.479	0.982	0.102	0.192	0.0	0.102	0.122	0.0

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

Normal Deviations Alarming High Errors

34	458	459	NS	1	-34.674	27.146	3.432	-34.306	25.083	2.334	-3.711	30.442	17.917	-2.942	31.674	28.535	0.103	247.831	1.956	0.103	227.66	2.041	0.103	0.286	0.0	0.102	0.254	0.0
35	458	459	NS	2	-34.674	27.146	3.432	-34.306	25.083	2.334	-3.711	30.442	17.917	-2.942	31.674	28.535	0.103	247.831	1.956	0.103	227.66	2.041	0.103	0.286	0.0	0.102	0.254	0.0
36	459	460	SN	1	-33.313	26.186	1.506	-34.68	26.805	5.013	-19.939	30.176	26.087	-19.941	31.474	26.142	0.103	181.161	2.951	0.103	248.207	2.914	0.103	8.407	0.001	0.103	8.41	0.004
37	459	460	SN	2	-33.313	26.186	1.506	-34.68	26.805	5.013	-19.939	30.176	26.087	-19.941	31.474	26.142	0.103	181.161	2.951	0.103	248.207	2.914	0.103	8.407	0.001	0.103	8.41	0.004
38	460	461	SN	2	-34.416	27.433	2.187	-33.307	26.827	6.083	-2.269	30.41	33.467	-1.909	31.421	33.801	0.103	233.553	0.986	0.103	180.903	1.145	0.103	0.231	0.0	0.103	0.221	0.0
39	460	461	NS	1	-34.711	26.292	2.478	-34.97	25.475	0.948	-5.716	30.397	24.272	-4.0	30.656	42.624	0.103	249.961	2.231	0.103	265.264	2.141	0.103	0.417	0.0	0.103	0.299	0.0
40	460	461	NS	2	-34.711	26.292	2.478	-34.97	25.475	0.948	-5.716	30.397	24.272	-4.0	30.656	42.624	0.103	249.961	2.231	0.103	265.264	2.141	0.103	0.417	0.0	0.103	0.299	0.0
41	460	461	SN	1	-34.416	27.433	2.187	-33.307	26.827	6.083	-2.269	30.41	33.467	-1.909	31.421	33.801	0.103	233.553	0.986	0.103	180.903	1.145	0.103	0.231	0.0	0.103	0.221	0.0
42	461	462	SN	2	-34.34	26.312	0.77	-34.987	26.64	2.884	5.741	31.134	64.461	5.009	31.825	71.807	0.103	229.505	2.753	0.103	266.279	2.678	0.103	0.121	0.0	0.102	0.124	0.0
43	461	462	SN	1	-34.34	26.312	0.77	-34.987	26.64	2.884	5.741	31.134	64.461	5.009	31.825	71.807	0.103	229.505	2.753	0.103	266.279	2.678	0.103	0.121	0.0	0.102	0.124	0.0
44	461	462	NS	2	-34.459	25.931	2.064	-33.539	25.571	0.11	7.308	29.639	16.726	8.421	30.303	29.188	0.103	235.85	1.65	0.103	190.832	1.492	0.103	0.115	0.0	0.103	0.112	0.0
45	461	462	NS	1	-34.459	25.931	2.064	-33.539	25.571	0.11	7.308	29.639	16.726	8.421	30.303	29.188	0.103	235.85	1.65	0.103	190.832	1.492	0.103	0.115	0.0	0.103	0.112	0.0
46	462	463	NS	1	-34.832	25.182	1.986	-34.532	23.835	0.036	4.137	30.24	10.836	3.588	27.696	11.093	0.103	257.02	2.575	0.103	239.864	2.246	0.103	0.13	0.0	0.103	0.133	0.0
47	462	463	NS	2	-34.832	25.182	1.986	-34.532	23.835	0.036	4.137	30.24	10.836	3.588	27.696	11.093	0.103	257.02	2.575	0.103	239.864	2.246	0.103	0.13	0.0	0.103	0.133	0.0
48	462	463	SN	1	-32.668	25.38	1.109	-33.508	25.696	2.879	7.624	30.08	34.142	7.714	30.164	33.096	0.103	156.153	0.882	0.103	189.443	0.533	0.103	0.114	0.0	0.103	0.114	0.0
49	462	463	SN	2	-32.668	25.38	1.109	-33.508	25.696	2.879	7.624	30.08	34.142	7.714	30.164	33.096	0.103	156.153	0.882	0.103	189.443	0.533	0.103	0.114	0.0	0.103	0.114	0.0
50	463	464	SN	1	-34.694	25.634	0.748	-34.933	27.572	0.89	-32.816	29.395	10.208	-31.195	29.632	6.078	0.103	248.936	17.098	0.103	263.034	15.216	0.103	161.596	1.132	0.103	111.266	1.125
51	463	464	NS	1	-34.936	24.777	2.125	-34.915	25.377	0.394	-1.274	32.769	9.912	0.37	31.556	14.037	0.103	263.146	3.246	0.103	261.932	2.815	0.102	0.204	0.0	0.103	0.17	0.0
52	464	465	NS	1	-34.99	2.918	0.0	-34.951	2.616	0.0	-34.51	10.463	0.0	-33.927	7.147	0.0	0.139	266.481	35.779	0.142	264.118	36.977	0.108	238.63	2.411	0.116	208.659	1.853
53	464	465	SN	1	-34.994	2.67	0.0	-34.99	2.954	0.0	-34.82	5.812	0.0	-33.334	5.099	0.0	0.141	266.793	39.912	0.138	266.518	35.88	0.121	256.233	2.572	0.124	182.057	2.591
54	465	466	NS	1	-34.707	23.982	0.325	-34.714	23.428	0.08	-3.395	30.518	14.823	-5.844	32.359	22.865	0.103	249.662	3.572	0.103	260.383	3.648	0.103	0.272	0.0	0.102	0.409	0.0
55	465	466	SN	1	-34.863	25.682	0.396	-34.592	26.776	0.993	8.724	35.335	20.645	9.205	29.921	12.766	0.103	258.832	2.599	0.103	243.179	2.395	0.102	0.112	0.0	0.103	0.111	0.0
56	466	467	NS	1	-34.985	23.965	0.294	-34.608	25.218	1.306	-5.16	30.869	8.401	-11.465	31.623	10.936	0.103	266.211	7.474	0.103	244.023	7.081	0.103	0.363	0.0	0.102	1.265	0.002
57	466	467	SN	1	-34.178	24.319	0.621	-33.446	25.136	1.425	7.805	28.218	20.356	8.846	29.126	11.356	0.103	221.055	0.827	0.103	186.762	0.753	0.103	0.114	0.0	0.103	0.111	0.0
58	467	468	NS	1	-30.38	24.748	1.35	-32.084	25.018	1.784	-16.666	29.76	17.81	-16.02	31.028	24.446	0.103	92.25	1.055	0.103	136.547	0.957	0.103	3.999	0.001	0.103	3.458	0.002
59	467	468	SN	1	-34.96	23.442	0.07	-34.39	24.489	0.507	8.223	24.659	11.205	11.239	28.417	16.835	0.103	264.716	1.775	0.103	232.13	1.219	0.103	0.113	0.0	0.103	0.107	0.0
60	468	469	NS	1	-34.987	24.836	1.023	-34.388	25.275	0.961	-1.96	30.719	17.446	-4.16	31.51	24.527	0.103	266.336	0.482	0.103	232.028	0.512	0.103	0.222	0.0	0.103	0.307	0.0
61	468	469	SN	1	-34.614	24.053	0.249	-34.622	25.124	0.647	7.375	29.283	21.998	9.095	30.141	26.971	0.103	244.381	4.206	0.103	244.871	3.835	0.103	0.115	0.0	0.103	0.111	0.0
62	469	470	SN	1	-34.377	24.217	0.126	-34.402	25.81	1.042	6.334	31.183	17.154	9.323	34.881	18.734	0.103	231.474	2.033	0.103	232.753	1.558	0.103	0.118	0.0	0.102	0.11	0.0
63	469	470	NS	1	-33.684	25.937	1.251	-34.557	27.036	1.468	3.914	30.683	21.256	5.692	30.993	26.265	0.103	197.309	1.375	0.103	241.222	1.429	0.103	0.131	0.0	0.103	0.121	0.0
64	470	471	NS	1	-34.454	26.121	2.049	-32.197	28.296	1.933	-8.063	30.959	28.936	0.014	31.163	38.469	0.103	235.58	1.168	0.103	140.135	1.157	0.103	0.624	0.0	0.103	0.176	0.0
65	470	471	SN	2	-34.338	24.342	0.036	-34.889	26.375	2.203	-3.609	35.174	26.178	0.528	36.296	28.495	0.103	229.413	2.678	0.103	260.352	2.395	0.102	0.281	0.0	0.102	0.168	0.0
66	471	472	NS	1	-34.821	27.311	1.931	-34.518	26.497	1.307	8.235	31.259	49.783	8.698	32.413	61.479	0.103	256.382	3.317	0.103	239.055	3.009	0.103	0.113	0.0	0.102	0.112	0.0
67	472	473	NS	1	-34.816	26.451	3.246	-34.519	26.384	2.145	-19.396	30.303	21.759	-8.637	31.836	35.35	0.103	256.094	1.6	0.103	239.149	1.469	0.103	7.429	0.008	0.102	0.7	0.0
68	473	474	NS	1	-34.942	26.381	4.202	-34.863	25.315	3.013	-1.462	34.157	20.073	2.149	33.007	29.774	0.103	263.571	2.963	0.103	258.836	3.467	0.102	0.208	0.0	0.102	0.146	0.0
69	473	474	SN	1	-34.334	26.921	1.278	-34.789	27.818	3.985	0.186	30.428	23.135	-0.153	31.231	25.058	0.103	229.171	2.984	0.103	254.461	2.89	0.103	0.173	0.0	0.103	0.179	0.0
70	474	475	SN	1	-32.742	26.776	2.699	-30.593	27.364	7.233	-8.114	31.805	29.677	-4.846	32.229	30.434	0.103	158.862	0.834	0.103	96.879	0.589	0.102	0.63	0.0	0.102	0.344	0.0
71	474	475	NS	1	-34.942	26.146	2.816	-34.872	25.677	1.372	-12.001	30.731	27.069	-6.164	30.696	41.929	0.103	263.535	1.874	0.103	259.336	1.562	0.103	1.42	0.006	0.103	0.434	0.0
72	475	476	SN	1	-34.895	26.646	1.393	-33.44	26.751	4.283	-6.814	31.443	44.647	-5.781	31.596	45.784	0.103	260.767	1.208	0.103	186.525	0.999	0.103	0.49	0.0	0.102	0.405	0.0

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

Normal Deviations

Alarming High Errors

73	475	476	NS	1	-34.963	26.081	2.208	-33.952	25.738	0.482	10.396	29.775	18.754	11.349	30.417	37.638	0.103	264.875	1.653	0.103	209.883	1.576	0.103	0.109	0.0	0.103	0.107	0.0
74	476	477	SN	1	-34.264	26.132	0.777	-34.085	26.08	2.564	8.277	31.332	60.252	9.626	32.076	65.285	0.103	225.486	1.182	0.103	216.411	1.132	0.103	0.113	0.0	0.102	0.11	0.0
75	476	477	NS	1	-33.554	25.094	1.947	-32.906	24.267	0.038	11.935	28.501	4.919	9.392	29.085	9.986	0.103	191.534	1.171	0.103	164.988	1.144	0.103	0.107	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	448	449	SN	1	57.783	58.237	0.0	0.003	1.291	0.389	1226.792	1285.232	12.4	-92.962	-92.118	0.0
2	448	449	NS	1	57.637	58.126	0.0	0.003	1.291	0.384	1204.464	1269.344	15.115	-93.143	-91.952	0.0
3	448	449	SN	2	57.783	58.237	0.0	0.003	1.291	0.389	1226.792	1285.232	12.4	-92.962	-92.118	0.0
4	449	450	SN	2	57.792	58.236	0.0	0.003	1.291	0.388	1226.808	1285.136	11.702	-93.062	-92.118	0.0
5	449	450	SN	1	57.792	58.236	0.0	0.003	1.291	0.388	1226.808	1285.136	11.702	-93.062	-92.118	0.0
6	449	450	NS	1	57.638	58.089	0.0	0.003	1.291	0.383	1204.664	1264.376	12.327	-92.798	-91.952	0.0
7	449	450	NS	2	57.638	58.089	0.0	0.003	1.291	0.383	1204.664	1264.376	12.327	-92.798	-91.952	0.0
8	450	451	NS	1	57.638	58.073	0.0	0.003	6.116	0.364	1205.416	1262.208	12.743	-92.795	-91.953	0.0
9	450	451	SN	2	57.778	58.238	0.0	0.003	1.291	0.37	1226.224	1285.304	11.491	-93.067	-92.115	0.0
10	450	451	SN	1	57.778	58.238	0.0	0.003	1.291	0.37	1226.224	1285.304	11.491	-93.067	-92.115	0.0
11	450	451	NS	2	57.638	58.073	0.0	0.003	6.116	0.364	1205.416	1262.208	12.743	-92.795	-91.953	0.0
12	451	452	NS	2	57.636	58.116	0.0	0.003	1.291	0.363	1204.808	1264.84	12.459	-92.897	-91.955	0.0
13	451	452	NS	1	57.636	58.116	0.0	0.003	1.291	0.363	1204.808	1264.84	12.459	-92.897	-91.955	0.0
14	451	452	SN	2	57.784	58.238	0.0	0.003	1.291	0.366	1226.072	1285.312	11.36	-93.125	-92.113	0.0
15	451	452	SN	1	57.784	58.238	0.0	0.003	1.291	0.366	1226.072	1285.312	11.36	-93.125	-92.113	0.0
16	452	453	SN	1	57.783	58.237	0.0	0.003	1.291	0.368	1225.528	1285.192	11.075	-93.214	-92.112	0.0
17	452	453	NS	4	57.648	58.225	0.0	0.003	1.291	0.372	1205.752	1283.224	13.006	-92.922	-91.956	0.0
18	452	453	SN	3	57.783	58.237	0.0	0.003	1.291	0.368	1225.528	1285.192	11.075	-93.214	-92.112	0.0
19	452	453	NS	2	57.648	58.225	0.0	0.003	1.291	0.372	1205.752	1283.224	13.006	-92.922	-91.956	0.0
20	453	454	NS	1	57.665	58.225	0.0	0.003	1.291	0.377	1205.72	1283.112	13.676	-93.025	-91.955	0.0
21	453	454	NS	2	57.665	58.225	0.0	0.003	1.291	0.377	1205.72	1283.112	13.676	-93.025	-91.955	0.0
22	454	455	SN	3	57.78	58.236	0.0	0.003	1.291	0.376	1225.464	1285.032	11.081	-93.076	-92.112	0.0
23	454	455	NS	4	57.647	58.224	0.0	0.003	1.291	0.377	1205.696	1283.048	13.308	-92.837	-91.955	0.0
24	454	455	NS	2	57.647	58.224	0.0	0.003	1.291	0.377	1205.696	1283.048	13.308	-92.837	-91.955	0.0
25	454	455	SN	1	57.78	58.236	0.0	0.003	1.291	0.376	1225.464	1285.032	11.081	-93.076	-92.112	0.0
26	455	456	SN	3	57.781	58.237	0.0	0.003	1.291	0.384	1225.504	1285.16	12.022	-93.365	-92.115	0.0
27	455	456	NS	4	57.638	58.227	0.0	0.003	1.291	0.37	1204.896	1283.112	14.059	-93.323	-91.955	0.0
28	455	456	SN	1	57.781	58.237	0.0	0.003	1.291	0.384	1225.504	1285.16	12.022	-93.365	-92.115	0.0
29	455	456	NS	2	57.638	58.227	0.0	0.003	1.291	0.37	1204.896	1283.112	14.059	-93.323	-91.955	0.0
30	456	457	NS	2	57.64	58.226	0.0	0.003	1.291	0.372	1205.024	1283.312	14.475	-93.024	-91.953	0.0
31	456	457	NS	1	57.64	58.226	0.0	0.003	1.291	0.372	1205.024	1283.312	14.475	-93.024	-91.953	0.0
32	457	458	NS	2	57.636	58.226	0.0	0.003	1.291	0.388	1204.92	1283.272	13.354	-93.015	-91.954	0.0
33	457	458	NS	1	57.636	58.226	0.0	0.003	1.291	0.388	1204.92	1283.272	13.354	-93.015	-91.954	0.0
34	458	459	NS	1	57.639	58.225	0.0	0.003	1.291	0.378	1204.896	1283.224	13.504	-93.032	-91.955	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	458	459	NS	2	57.639	58.225	0.0	0.003	1.291	0.378	1204.896	1283.224	13.504	-93.032	-91.955	0.0
36	459	460	SN	1	57.782	58.238	0.0	0.008	1.291	0.381	1226.112	1285.288	12.439	-93.013	-92.112	0.0
37	459	460	SN	2	57.782	58.238	0.0	0.008	1.291	0.381	1226.112	1285.288	12.439	-93.013	-92.112	0.0
38	460	461	SN	2	57.782	58.238	0.0	0.003	180.589	0.372	1225.584	1285.376	12.289	-93.037	-92.112	0.0
39	460	461	NS	1	57.651	58.215	0.0	0.003	1.291	0.37	1205.432	1281.848	12.413	-93.024	-91.953	0.0
40	460	461	NS	2	57.651	58.215	0.0	0.003	1.291	0.37	1205.432	1281.848	12.413	-93.024	-91.953	0.0
41	460	461	SN	1	57.782	58.238	0.0	0.003	180.589	0.372	1225.584	1285.376	12.289	-93.037	-92.112	0.0
42	461	462	SN	2	57.777	58.239	0.0	0.003	1.291	0.373	1225.376	1285.528	12.477	-93.231	-92.112	0.0
43	461	462	SN	1	57.777	58.239	0.0	0.003	1.291	0.373	1225.376	1285.528	12.477	-93.231	-92.112	0.0
44	461	462	NS	2	57.639	58.199	0.0	0.003	1.291	0.375	1205.032	1279.648	12.548	-93.163	-91.953	0.0
45	461	462	NS	1	57.639	58.199	0.0	0.003	1.291	0.375	1205.032	1279.648	12.548	-93.163	-91.953	0.0
46	462	463	NS	1	57.637	58.165	0.0	0.003	1.291	0.376	1204.76	1274.872	13.531	-93.145	-91.952	0.0
47	462	463	NS	2	57.637	58.165	0.0	0.003	1.291	0.376	1204.76	1274.872	13.531	-93.145	-91.952	0.0
48	462	463	SN	1	57.782	58.24	0.0	0.003	1.291	0.383	1225.536	1285.68	12.907	-92.842	-92.113	0.0
49	462	463	SN	2	57.782	58.24	0.0	0.003	1.291	0.383	1225.536	1285.68	12.907	-92.842	-92.113	0.0
50	463	464	SN	1	57.778	58.24	0.0	0.003	1.291	0.395	1225.4	1285.568	12.716	-93.148	-92.113	0.0
51	463	464	NS	1	57.646	58.104	0.0	0.003	1.291	0.396	1205.368	1266.512	12.903	-93.098	-91.952	0.0
52	464	465	NS	1	57.636	58.102	0.0	0.003	1.291	0.365	1204.792	1263.4	12.016	-92.996	-91.953	0.0
53	464	465	SN	1	57.776	58.267	0.0	0.003	1.291	0.377	1225.168	1286.264	12.352	-93.582	-92.111	0.0
54	465	466	NS	1	57.642	58.087	0.0	0.003	1.291	0.361	1205.416	1264.016	11.898	-93.015	-91.956	0.0
55	465	466	SN	1	57.78	58.241	0.0	0.003	1.291	0.365	1225.376	1285.744	11.974	-93.404	-92.108	0.0
56	466	467	NS	1	57.648	58.142	0.0	0.008	1.291	0.371	1205.632	1271.736	10.913	-93.274	-91.958	0.0
57	466	467	SN	1	57.78	58.24	0.0	0.003	1.291	0.367	1224.696	1285.672	11.929	-93.038	-92.107	0.0
58	467	468	NS	1	57.666	58.229	0.0	0.003	1.291	0.374	1205.936	1283.688	13.715	-92.853	-91.956	0.0
59	467	468	SN	1	57.779	58.205	0.0	0.003	1.291	0.365	1225.368	1278.96	0.0	-93.122	-92.107	0.0
60	468	469	NS	1	57.645	58.228	0.0	0.003	1.291	0.373	1205.816	1283.648	13.612	-92.985	-91.956	0.0
61	468	469	SN	1	57.779	58.239	0.0	0.003	1.291	0.374	1224.768	1285.536	11.929	-93.116	-92.106	0.0
62	469	470	SN	1	57.778	58.239	0.0	0.003	249.079	0.383	1224.76	1285.552	12.393	-93.041	-92.108	0.0
63	469	470	NS	1	57.646	58.228	0.0	0.003	1.291	0.376	1205.688	1283.632	13.783	-93.076	-91.955	0.0
64	470	471	NS	1	57.639	58.23	0.0	0.003	252.173	0.371	1205.112	1283.904	14.677	-93.015	-91.954	0.0
65	470	471	SN	2	57.779	58.241	0.0	0.003	256.883	0.388	1225.64	1285.848	13.115	-93.407	-92.11	0.0
66	471	472	NS	1	57.641	58.23	0.0	0.003	260.975	0.388	1205.64	1283.952	14.644	-93.048	-91.955	0.0
67	472	473	NS	1	57.643	58.23	0.0	0.003	1.291	0.378	1205.808	1283.96	14.111	-93.1	-91.956	0.0
68	473	474	NS	1	57.639	58.23	0.0	0.003	1.291	0.374	1205.016	1283.872	14.327	-93.262	-91.955	0.0
69	473	474	SN	1	57.777	58.241	0.0	0.003	1.291	0.379	1225.112	1285.784	12.95	-93.064	-92.107	0.0
70	474	475	SN	1	57.73	58.242	0.0	0.003	1.291	0.378	1224.208	1285.88	13.163	-93.116	-92.107	0.0
71	474	475	NS	1	57.645	58.225	0.0	0.003	1.291	0.368	1205.672	1283.2	13.114	-93.019	-91.954	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	475	476	SN	1	57.774	58.242	0.0	0.003	1.291	0.37	1224.448	1285.976	13.101	-92.9	-92.105	0.0
73	475	476	NS	1	57.645	58.214	0.0	0.003	1.291	0.371	1205.496	1281.68	12.068	-92.972	-91.955	0.0
74	476	477	SN	1	57.774	58.244	0.0	0.003	1.291	0.374	1224.384	1286.168	13.297	-93.047	-92.106	0.0
75	476	477	NS	1	57.646	58.19	0.0	0.003	1.291	0.375	1205.392	1278.432	12.273	-93.034	-91.952	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	448	449	SN	1	-33.715	18.905	0.0	-33.63	19.568	0.0	1.657	24.694	1.068	2.853	24.895	0.831	0.08	160.993	1.186	0.08	154.214	0.914	0.08	0.119	0.0	0.08	0.109	0.0
2	448	449	NS	1	-33.683	18.979	0.0	-34.857	18.663	0.0	3.837	23.909	0.06	2.483	26.039	0.03	0.08	156.114	2.181	0.08	204.526	2.172	0.08	0.103	0.0	0.08	0.111	0.0
3	448	449	SN	2	-33.715	18.905	0.0	-33.63	19.568	0.0	1.657	24.694	1.068	2.853	24.895	0.831	0.08	160.993	1.186	0.08	154.214	0.914	0.08	0.119	0.0	0.08	0.109	0.0
4	449	450	SN	2	-34.08	20.52	0.0	-34.541	20.65	0.0	-8.912	24.56	0.68	-7.181	25.88	0.329	0.08	171.077	1.89	0.08	190.186	1.459	0.08	0.584	0.0	0.08	0.414	0.0
5	449	450	SN	1	-34.08	20.52	0.0	-34.541	20.65	0.0	-8.912	24.56	0.68	-7.181	25.88	0.329	0.08	171.077	1.89	0.08	190.186	1.459	0.08	0.584	0.0	0.08	0.414	0.0
6	449	450	NS	1	-34.464	18.959	0.0	-33.805	18.487	0.0	2.844	25.498	0.081	2.157	26.307	0.139	0.08	186.822	1.827	0.081	160.554	1.786	0.08	0.109	0.0	0.08	0.114	0.0
7	449	450	NS	2	-34.464	18.959	0.0	-33.805	18.487	0.0	2.844	25.498	0.081	2.157	26.307	0.139	0.08	186.822	1.827	0.081	160.554	1.786	0.08	0.109	0.0	0.08	0.114	0.0
8	450	451	NS	1	-33.457	18.71	0.0	-33.942	16.64	0.0	-19.005	23.312	0.013	-13.514	23.19	0.013	0.08	148.189	2.266	0.081	165.731	2.301	0.08	5.376	0.017	0.08	1.563	0.009
9	450	451	SN	2	-34.974	20.271	0.0	-34.272	20.453	0.0	-3.979	24.455	0.867	-18.387	24.228	0.522	0.08	210.174	2.054	0.08	178.802	2.08	0.08	0.234	0.0	0.08	4.672	0.006
10	450	451	SN	1	-34.974	20.271	0.0	-34.272	20.453	0.0	-3.979	24.455	0.867	-18.387	24.228	0.522	0.08	210.174	2.054	0.08	178.802	2.08	0.08	0.234	0.0	0.08	4.672	0.006
11	450	451	NS	2	-33.457	18.71	0.0	-33.942	16.64	0.0	-19.005	23.312	0.013	-13.514	23.19	0.013	0.08	148.189	2.266	0.081	165.731	2.301	0.08	5.376	0.017	0.08	1.563	0.009
12	451	452	NS	2	-34.971	18.866	0.0	-34.425	16.631	0.0	-8.258	24.13	0.062	-20.966	23.999	0.201	0.08	210.014	6.051	0.081	185.185	5.441	0.08	0.511	0.0	0.08	8.41	0.012
13	451	452	NS	1	-34.971	18.866	0.0	-34.425	16.631	0.0	-8.258	24.13	0.062	-20.966	23.999	0.201	0.08	210.014	6.051	0.081	185.185	5.441	0.08	0.511	0.0	0.08	8.41	0.012
14	451	452	SN	2	-34.645	20.057	0.0	-34.315	19.584	0.0	3.521	23.959	1.01	3.083	22.65	0.058	0.08	194.803	1.014	0.08	180.573	0.989	0.08	0.104	0.0	0.08	0.107	0.0
15	451	452	SN	1	-34.645	20.057	0.0	-34.315	19.584	0.0	3.521	23.959	1.01	3.083	22.65	0.058	0.08	194.803	1.014	0.08	180.573	0.989	0.08	0.104	0.0	0.08	0.107	0.0
16	452	453	SN	1	-34.323	18.668	0.0	-33.887	19.027	0.0	2.312	24.014	3.676	3.173	24.543	5.012	0.08	180.891	0.571	0.08	163.586	0.585	0.08	0.113	0.0	0.08	0.107	0.0
17	452	453	NS	4	-34.775	19.824	0.0	-34.71	20.22	0.0	-24.875	24.401	0.408	-26.73	24.231	0.719	0.08	200.706	2.441	0.08	197.707	2.561	0.08	20.597	0.024	0.08	31.534	0.045
18	452	453	SN	3	-34.323	18.668	0.0	-33.887	19.027	0.0	2.312	24.014	3.676	3.173	24.543	5.012	0.08	180.891	0.571	0.08	163.586	0.585	0.08	0.113	0.0	0.08	0.107	0.0
19	452	453	NS	2	-34.775	19.824	0.0	-34.71	20.22	0.0	-24.875	24.401	0.408	-26.73	24.231	0.719	0.08	200.706	2.441	0.08	197.707	2.561	0.08	20.597	0.024	0.08	31.534	0.045
20	453	454	NS	1	-34.818	18.536	0.0	-34.959	18.281	0.0	-21.232	24.573	0.2	-18.841	24.107	0.613	0.081	202.705	1.772	0.081	209.373	1.861	0.08	8.938	0.008	0.08	5.179	0.01
21	453	454	NS	2	-34.818	18.536	0.0	-34.959	18.281	0.0	-21.232	24.573	0.2	-18.841	24.107	0.613	0.081	202.705	1.772	0.081	209.373	1.861	0.08	8.938	0.008	0.08	5.179	0.01
22	454	455	SN	3	-34.934	18.821	0.0	-34.869	19.686	0.0	2.458	24.638	2.071	3.283	25.379	1.523	0.08	208.184	3.056	0.08	205.124	3.24	0.08	0.112	0.0	0.08	0.106	0.0
23	454	455	NS	4	-34.519	20.316	0.0	-34.111	20.441	0.0	-23.704	24.495	1.349	-27.601	24.67	1.982	0.08	189.228	1.046	0.08	172.294	0.964	0.08	15.743	0.039	0.08	38.523	0.04
24	454	455	NS	2	-34.519	20.316	0.0	-34.111	20.441	0.0	-23.704	24.495	1.349	-27.601	24.67	1.982	0.08	189.228	1.046	0.08	172.294	0.964	0.08	15.743	0.039	0.08	38.523	0.04
25	454	455	SN	1	-34.934	18.821	0.0	-34.869	19.686	0.0	2.458	24.638	2.071	3.283	25.379	1.523	0.08	208.184	3.056	0.08	205.124	3.24	0.08	0.112	0.0	0.08	0.106	0.0
26	455	456	SN	3	-34.489	18.235	0.0	-34.575	20.622	0.0	0.022	25.585	2.871	3.527	26.098	2.837	0.081	187.934	3.002	0.08	191.698	2.831	0.08	0.138	0.0	0.08	0.104	0.0
27	455	456	NS	4	-32.666	21.075	0.0	-34.063	20.34	0.0	4.383	24.613	3.255	3.085	25.048	5.107	0.08	123.524	0.836	0.08	170.381	0.824	0.08	0.1	0.0	0.08	0.107	0.0
28	455	456	SN	1	-34.489	18.235	0.0	-34.575	20.622	0.0	0.022	25.585	2.871	3.527	26.098	2.837	0.081	187.934	3.002	0.08	191.698	2.831	0.08	0.138	0.0	0.08	0.104	0.0
29	455	456	NS	2	-32.666	21.075	0.0	-34.063	20.34	0.0	4.383	24.613	3.255	3.085	25.048	5.107	0.08	123.524	0.836	0.08	170.381	0.824	0.08	0.1	0.0	0.08	0.107	0.0
30	456	457	NS	2	-34.648	20.272	0.0	-33.316	20.402	0.0	2.636	24.827	3.064	2.816	26.172	5.715	0.08	194.952	1.478	0.08	143.45	1.358	0.08	0.11	0.0	0.08	0.109	0.0
31	456	457	NS	1	-34.648	20.272	0.0	-33.316	20.402	0.0	2.636	24.827	3.064	2.816	26.172	5.715	0.08	194.952	1.478	0.08	143.45	1.358	0.08	0.11	0.0	0.08	0.109	0.0
32	457	458	NS	2	-34.021	20.611	0.0	-32.563	19.112	0.0	-6.851	25.67	4.787	-5.824	26.114	9.667	0.08	168.737	1.134	0.08	120.621	1.051	0.08	0.388	0.0	0.08	0.321	0.0

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

Normal Deviations

Alarming High Errors

33	457	458	NS	1	-34.021	20.611	0.0	-32.563	19.112	0.0	-6.851	25.67	4.787	-5.824	26.114	9.667	0.08	168.737	1.134	0.08	120.621	1.051	0.08	0.388	0.0	0.08	0.321	0.0
34	458	459	NS	1	-34.224	20.172	0.0	-34.744	19.134	0.0	-14.722	24.379	1.923	-7.639	25.201	5.081	0.08	176.809	1.691	0.08	199.311	1.63	0.08	2.044	0.005	0.08	0.467	0.0
35	458	459	NS	2	-34.224	20.172	0.0	-34.744	19.134	0.0	-14.722	24.379	1.923	-7.639	25.201	5.081	0.08	176.809	1.691	0.08	199.311	1.63	0.08	2.044	0.005	0.08	0.467	0.0
36	459	460	SN	1	-34.915	20.442	0.0	-34.589	21.095	0.0	-12.063	25.363	1.995	-9.712	25.506	1.802	0.08	207.317	2.752	0.08	192.35	2.559	0.08	1.137	0.003	0.08	0.689	0.0
37	459	460	SN	2	-34.915	20.442	0.0	-34.589	21.095	0.0	-12.063	25.363	1.995	-9.712	25.506	1.802	0.08	207.317	2.752	0.08	192.35	2.559	0.08	1.137	0.003	0.08	0.689	0.0
38	460	461	SN	2	-34.821	20.961	0.0	-32.762	20.6	0.0	-19.312	25.204	3.361	-11.215	25.436	3.252	0.08	202.841	0.821	0.08	126.284	0.86	0.08	5.766	0.013	0.08	0.947	0.0
39	460	461	NS	1	-34.028	20.871	0.0	-33.314	19.395	0.0	-5.552	24.763	3.831	1.699	24.991	7.136	0.08	168.974	1.517	0.08	143.436	1.551	0.08	0.306	0.0	0.08	0.118	0.0
40	460	461	NS	2	-34.028	20.871	0.0	-33.314	19.395	0.0	-5.552	24.763	3.831	1.699	24.991	7.136	0.08	168.974	1.517	0.08	143.436	1.551	0.08	0.306	0.0	0.08	0.118	0.0
41	460	461	SN	1	-34.821	20.961	0.0	-32.762	20.6	0.0	-19.312	25.204	3.361	-11.215	25.436	3.252	0.08	202.841	0.821	0.08	126.284	0.86	0.08	5.766	0.013	0.08	0.947	0.0
42	461	462	SN	2	-34.931	19.819	0.0	-33.947	20.367	0.0	-0.878	24.847	6.913	-1.236	26.169	8.902	0.08	208.076	1.926	0.08	165.903	1.931	0.08	0.152	0.0	0.08	0.159	0.0
43	461	462	SN	1	-34.931	19.819	0.0	-33.947	20.367	0.0	-0.878	24.847	6.913	-1.236	26.169	8.902	0.08	208.076	1.926	0.08	165.903	1.931	0.08	0.152	0.0	0.08	0.159	0.0
44	461	462	NS	2	-34.574	20.628	0.0	-33.625	17.437	0.0	5.234	24.451	3.001	2.409	24.797	7.049	0.08	191.634	1.22	0.081	154.065	1.193	0.08	0.096	0.0	0.08	0.112	0.0
45	461	462	NS	1	-34.574	20.628	0.0	-33.625	17.437	0.0	5.234	24.451	3.001	2.409	24.797	7.049	0.08	191.634	1.22	0.081	154.065	1.193	0.08	0.096	0.0	0.08	0.112	0.0
46	462	463	NS	1	-34.569	19.522	0.0	-34.465	17.877	0.0	3.255	23.176	0.083	3.62	20.913	0.0	0.08	191.45	1.982	0.081	186.891	1.777	0.08	0.106	0.0	0.08	0.104	0.0
47	462	463	NS	2	-34.569	19.522	0.0	-34.465	17.877	0.0	3.255	23.176	0.083	3.62	20.913	0.0	0.08	191.45	1.982	0.081	186.891	1.777	0.08	0.106	0.0	0.08	0.104	0.0
48	462	463	SN	1	-34.56	19.885	0.0	-33.591	20.353	0.0	3.399	24.927	4.889	3.712	25.5	6.998	0.08	191.046	0.57	0.08	152.838	0.388	0.08	0.105	0.0	0.08	0.103	0.0
49	462	463	SN	2	-34.56	19.885	0.0	-33.591	20.353	0.0	3.399	24.927	4.889	3.712	25.5	6.998	0.08	191.046	0.57	0.08	152.838	0.388	0.08	0.105	0.0	0.08	0.103	0.0
50	463	464	SN	1	-34.97	19.471	0.0	-34.925	19.544	0.0	-34.649	24.342	0.694	-34.39	24.629	0.374	0.08	209.939	19.403	0.08	207.764	17.465	0.08	194.986	6.23	0.08	183.686	6.137
51	463	464	NS	1	-34.73	18.931	0.0	-34.755	18.445	0.0	-0.093	24.593	0.054	-0.49	24.573	0.077	0.08	198.661	2.412	0.081	199.821	2.257	0.08	0.139	0.0	0.08	0.145	0.0
52	464	465	NS	1	-34.982	-0.255	0.0	-34.889	-0.615	0.0	-34.92	1.629	0.0	-34.984	1.424	0.0	0.142	210.516	34.979	0.147	206.04	36.502	0.119	207.523	10.584	0.121	210.576	7.703
53	464	465	SN	1	-34.936	-0.513	0.0	-34.928	0.356	0.0	-34.994	2.384	0.0	-34.96	2.437	0.0	0.146	208.293	36.636	0.133	207.891	35.377	0.112	211.147	14.66	0.112	209.484	14.413
54	465	466	NS	1	-34.824	18.346	0.0	-34.852	16.109	0.0	-6.924	22.415	0.011	-27.004	23.714	0.081	0.081	203.045	2.887	0.081	204.308	3.128	0.08	0.394	0.0	0.08	33.591	0.035
55	465	466	SN	1	-34.62	19.389	0.0	-33.545	19.076	0.0	-3.163	24.121	1.37	-3.697	23.122	0.571	0.08	193.698	1.823	0.08	151.227	1.687	0.08	0.206	0.0	0.08	0.224	0.0
56	466	467	NS	1	-34.864	18.139	0.0	-34.519	18.679	0.0	-15.414	21.986	0.0	-28.418	22.087	0.002	0.081	204.921	5.896	0.08	189.247	5.393	0.08	2.387	0.013	0.08	46.485	0.069
57	466	467	SN	1	-34.001	18.66	0.0	-34.704	18.945	0.0	2.581	23.928	1.707	3.241	23.609	1.483	0.08	167.973	0.73	0.08	197.475	0.809	0.08	0.111	0.0	0.08	0.106	0.0
58	467	468	NS	1	-30.845	18.212	0.0	-31.705	18.566	0.0	-28.695	24.427	0.375	-28.632	24.608	0.568	0.081	81.245	0.821	0.081	99.04	0.984	0.08	49.548	0.02	0.08	48.823	0.017
59	467	468	SN	1	-34.513	16.498	0.0	-34.804	19.044	0.0	4.657	18.359	0.0	5.061	18.871	0.0	0.081	188.99	1.779	0.08	202.052	1.362	0.081	0.098	0.0	0.08	0.097	0.0
60	468	469	NS	1	-31.164	19.171	0.0	-33.116	19.457	0.0	-10.912	23.956	0.237	-12.11	36.257	0.957	0.08	87.425	0.304	0.08	137.039	0.33	0.08	0.887	0.0	0.08	1.149	0.002
61	468	469	SN	1	-34.725	18.1	0.0	-34.318	19.163	0.0	1.284	24.171	1.341	3.967	23.4	0.669	0.081	198.447	3.739	0.08	180.719	3.635	0.08	0.122	0.0	0.08	0.102	0.0
62	469	470	SN	1	-34.967	19.183	0.0	-34.813	20.116	0.0	2.48	24.893	2.861	3.263	25.204	2.8	0.08	214.704	1.845	0.08	202.517	1.615	0.08	0.111	0.0	0.08	0.106	0.0
63	469	470	NS	1	-34.066	20.24	0.0	-34.798	20.735	0.0	-12.874	24.491	1.85	-17.26	24.642	2.67	0.08	170.512	1.357	0.08	201.769	1.437	0.08	1.358	0.007	0.08	3.618	0.004
64	470	471	NS	1	-33.748	20.688	0.0	-34.436	20.71	0.0	-0.891	24.752	3.767	-0.515	26.035	5.476	0.08	158.429	0.906	0.08	185.646	0.975	0.08	0.152	0.0	0.08	0.146	0.0
65	470	471	SN	2	-33.342	17.887	0.0	-34.872	20.755	0.0	-11.571	24.783	2.853	-6.217	25.377	2.871	0.081	144.321	2.017	0.08	205.234	2.013	0.08	1.022	0.001	0.08	0.345	0.0
66	471	472	NS	1	-34.895	20.133	0.0	-34.656	19.632	0.0	2.041	25.224	3.208	-1.661	26.241	7.396	0.08	206.4	2.173	0.08	195.302	2.131	0.08	0.115	0.0	0.08	0.167	0.0
67	472	473	NS	1	-33.966	20.114	0.0	-34.182	19.095	0.0	-19.39	25.086	2.238	-10.479	25.982	5.97	0.08	166.583	1.435	0.08	175.149	1.443	0.08	5.868	0.005	0.08	0.809	0.0
68	473	474	NS	1	-34.97	20.272	0.0	-34.988	19.872	0.0	-7.704	24.896	2.493	-4.484	25.564	5.179	0.08	209.924	2.264	0.08	210.818	2.756	0.08	0.458	0.0	0.08	0.254	0.0
69	473	474	SN	1	-34.886	20.64	0.0	-34.154	21.793	0.0	-18.313	25.578	2.001	-18.961	25.654	1.853	0.08	205.944	2.447	0.08	173.988	2.472	0.08	4.594	0.001	0.08	5.323	0.007

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

Normal Deviations

Alarming High Errors

70	474	475	SN	1	-33.947	19.124	0.0	-32.086	20.47	0.0	-17.355	24.992	2.02	-21.583	28.168	1.974	0.08	165.894	0.797	0.08	108.105	0.828	0.08	3.697	0.007	0.08	9.683	0.007
71	474	475	NS	1	-34.903	20.588	0.0	-34.648	19.434	0.0	-5.184	24.706	5.482	-4.786	25.475	8.059	0.08	206.727	2.31	0.08	194.909	2.301	0.08	0.286	0.0	0.08	0.267	0.0
72	475	476	SN	1	-34.965	20.258	0.0	-34.77	20.702	0.0	-30.636	24.975	5.72	-26.967	25.792	6.138	0.08	209.729	1.358	0.08	200.5	1.158	0.08	77.437	0.082	0.08	33.303	0.069
73	475	476	NS	1	-34.832	21.112	0.0	-34.191	19.383	0.0	3.93	24.245	3.451	2.709	25.107	8.137	0.08	203.355	1.419	0.08	175.497	1.402	0.08	0.102	0.0	0.08	0.11	0.0
74	476	477	SN	1	-34.939	19.895	0.0	-34.038	20.43	0.0	3.37	24.964	6.194	4.579	25.608	9.214	0.08	208.448	1.153	0.08	169.423	1.09	0.08	0.105	0.0	0.08	0.099	0.0
75	476	477	NS	1	-34.199	19.675	0.0	-34.779	17.71	0.0	6.264	24.474	1.372	3.962	24.641	1.442	0.08	175.802	1.56	0.081	200.947	1.698	0.08	0.092	0.0	0.08	0.102	0.0

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

Normal Deviations

Alarming High Errors