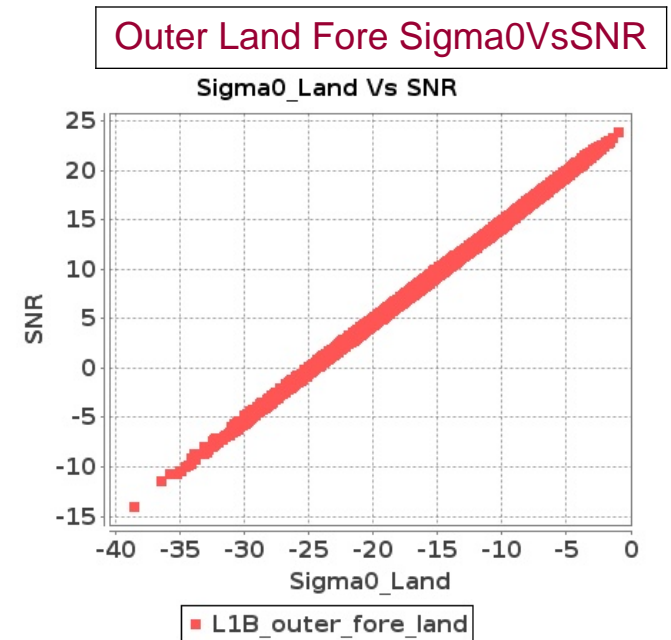
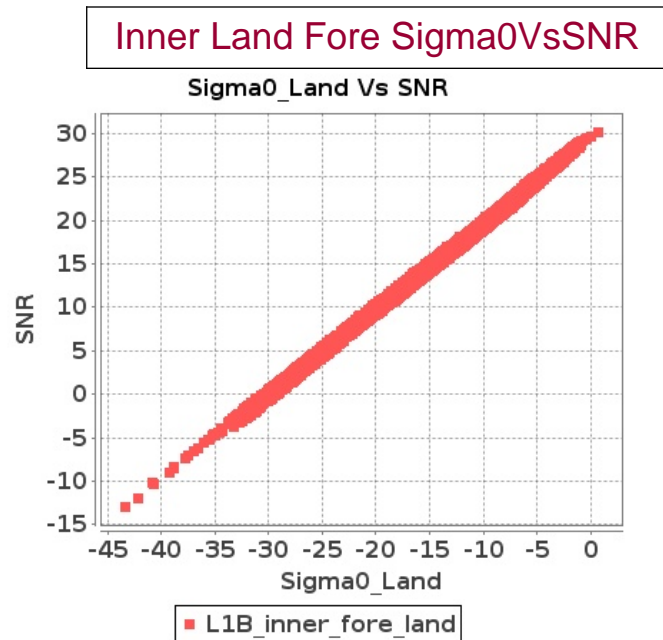
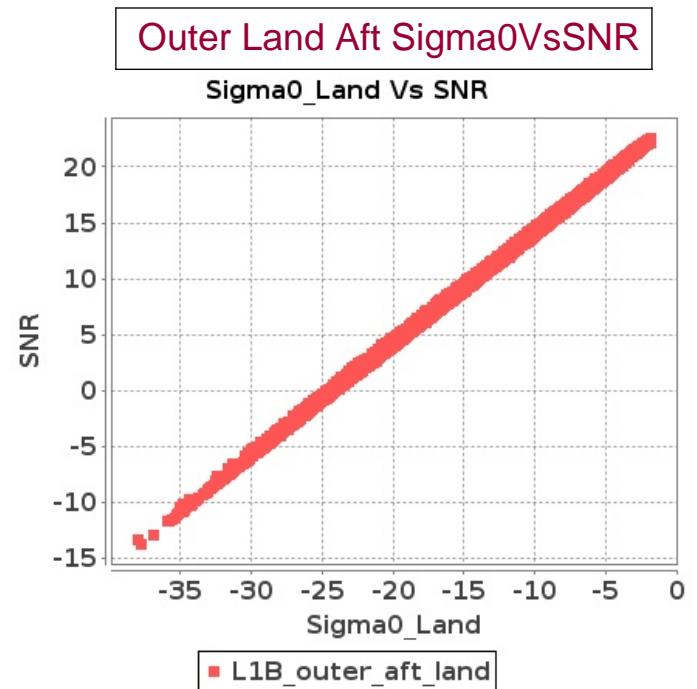
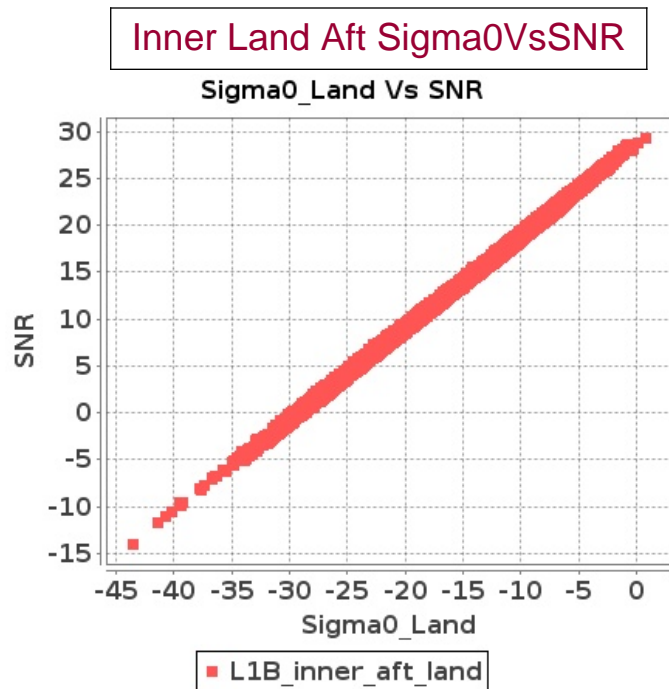
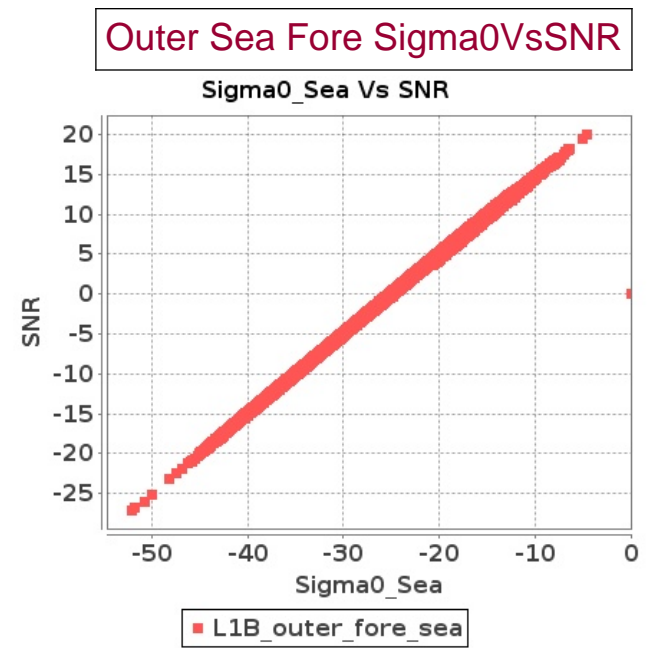
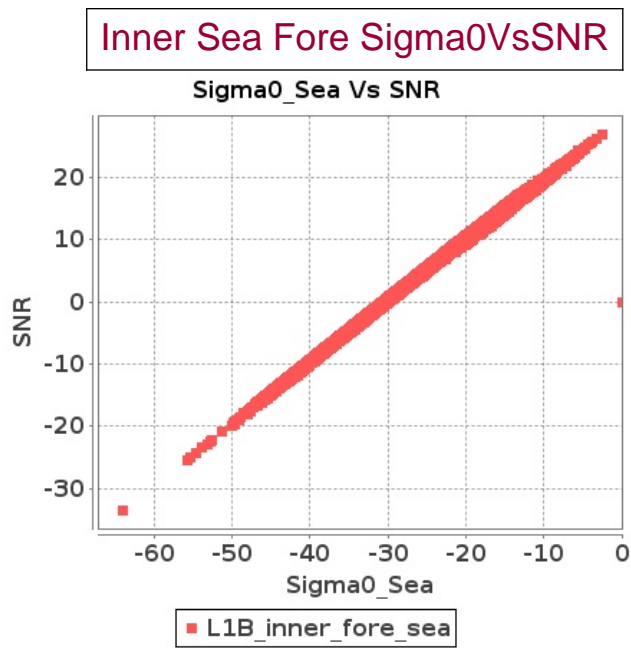
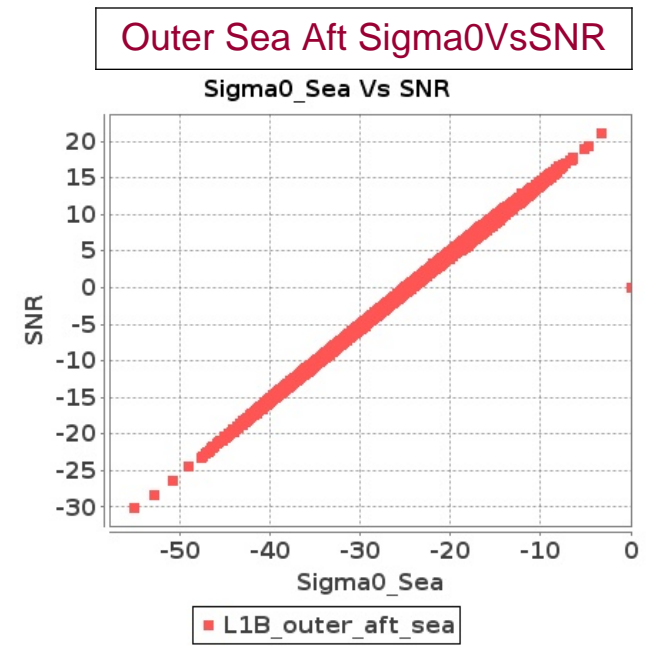
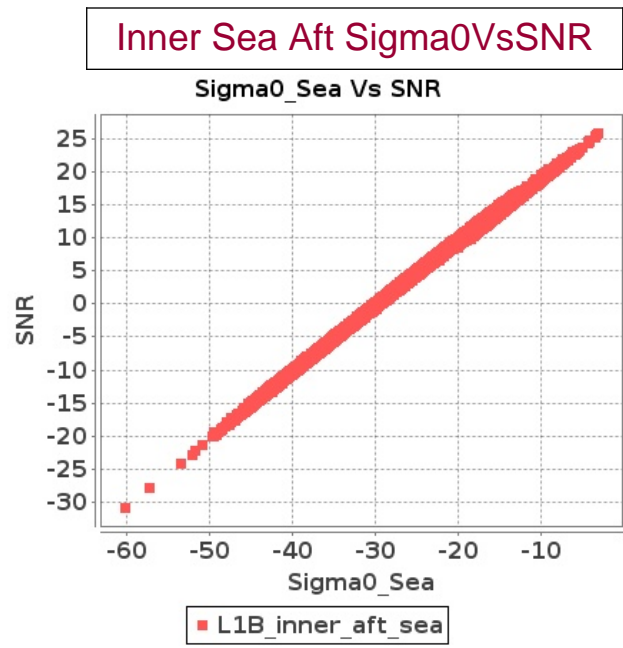
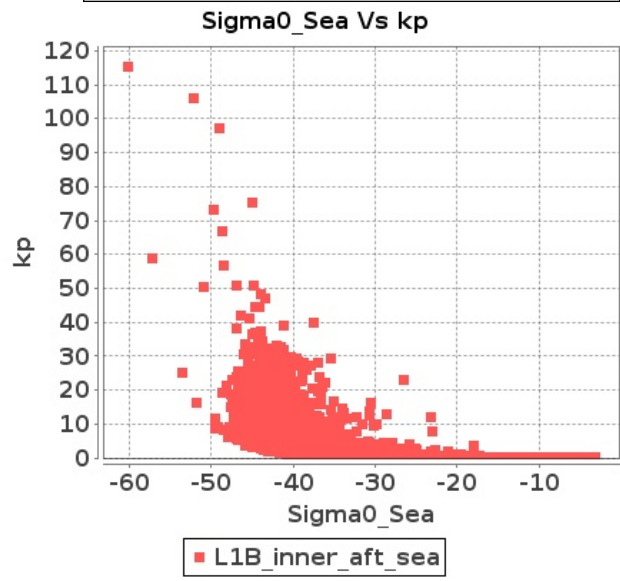


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

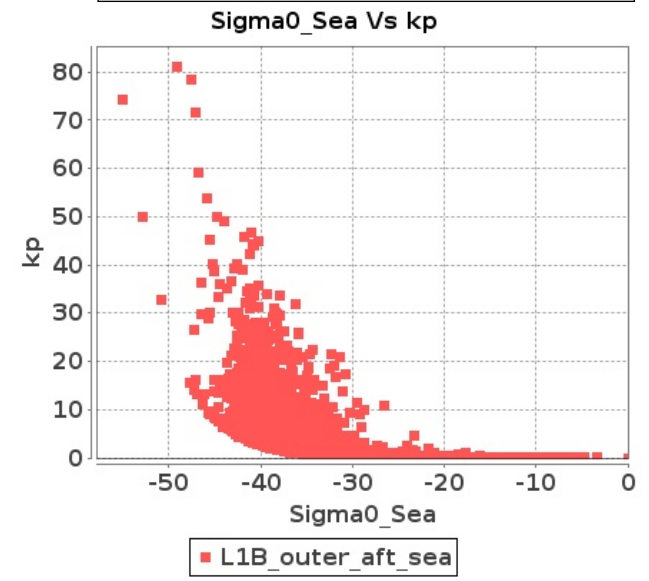
Report between 15-OCT-2019 To 16-OCT-2019



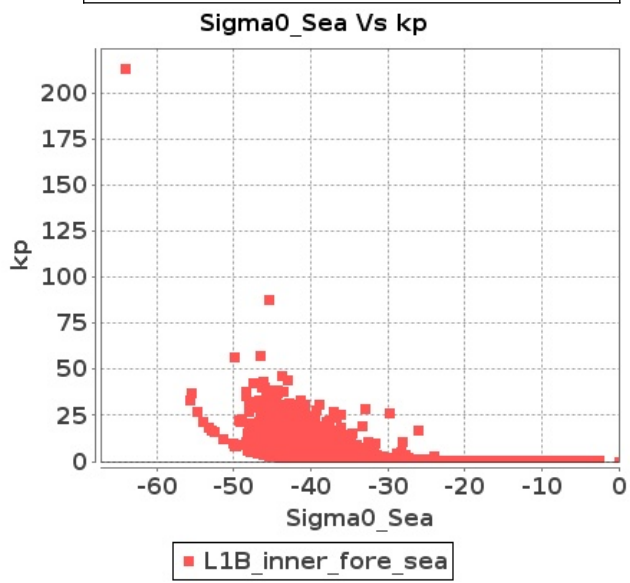
Inner Sea Aft Sigma0VsKp



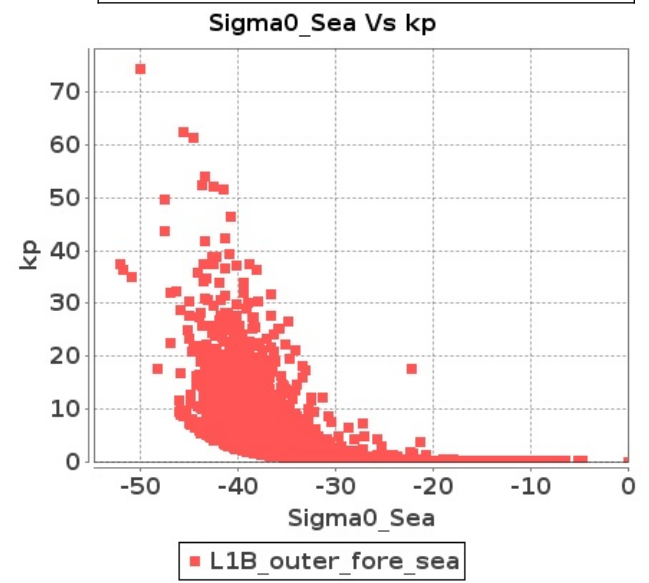
Outer Sea Aft Sigma0VsKp



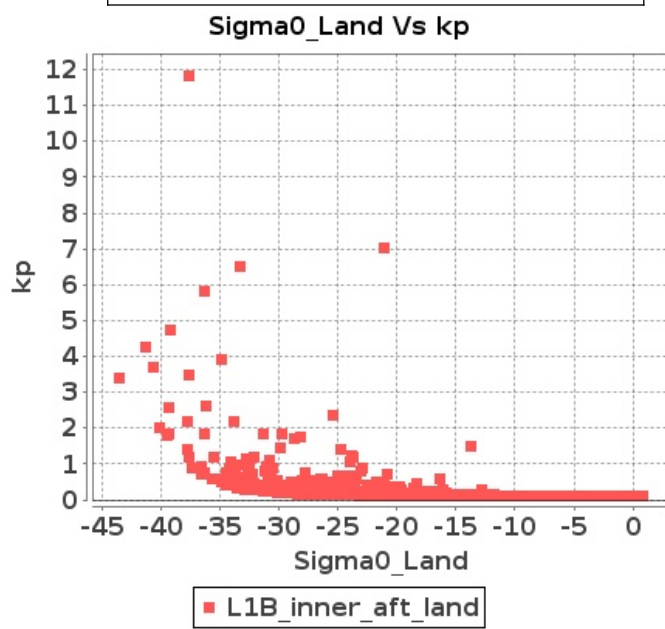
Inner Sea Fore Sigma0VsKp



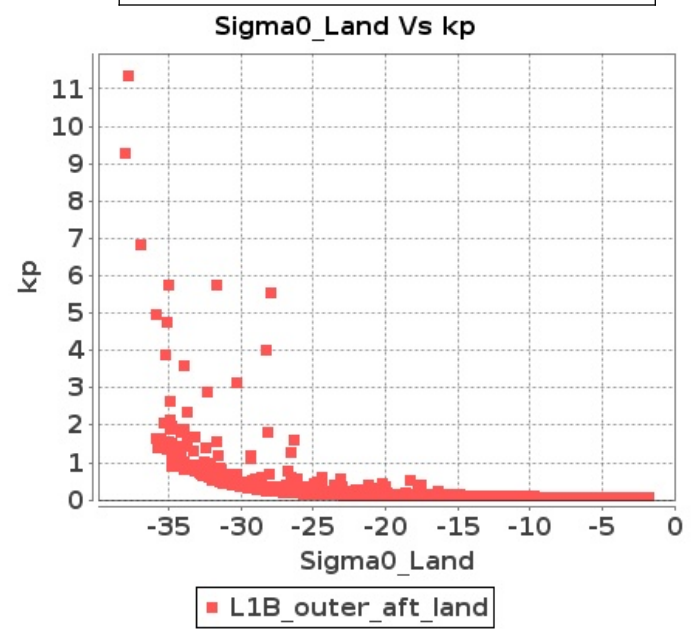
Outer Sea Fore Sigma0VsKp



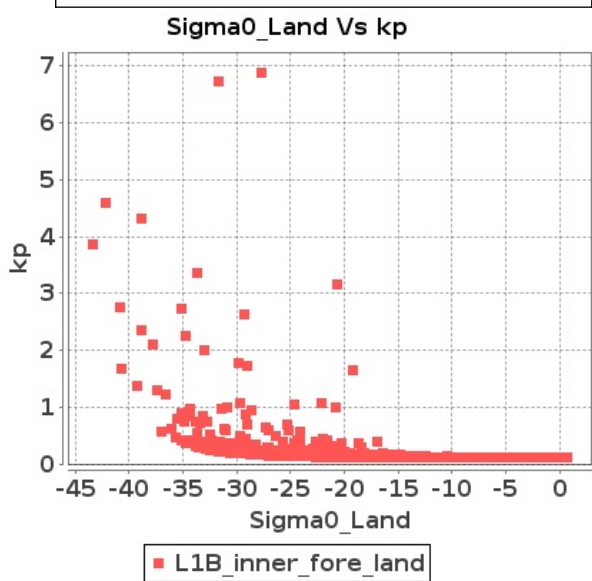
Inner Land Aft Sigma0VsKp



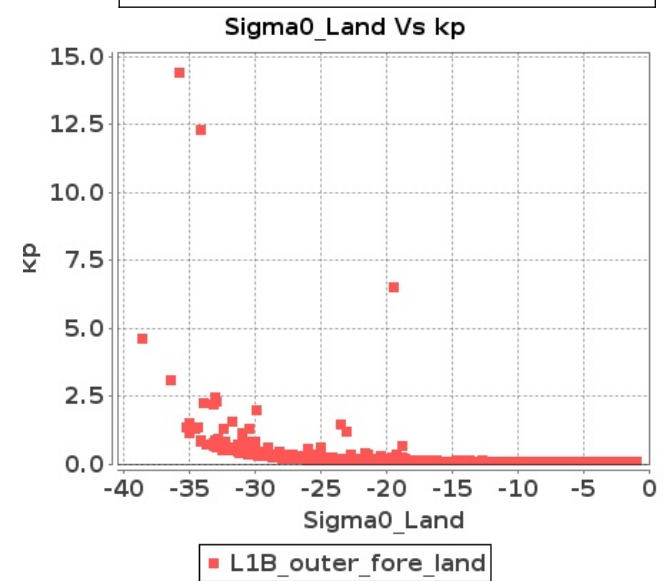
Outer Land Aft Sigma0VsKp



Inner Land Fore Sigma0VsKp



Outer Land Fore Sigma0VsKp



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

Report between 15-OCT-2019 To 16-OCT-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	16150	16151	NS	1	48.746	49.368	0.0	0.003	42.838	2.642	1039.6	1076.688	0.0	-91.703	-90.052	0.0
2	16150	16151	SN	1	48.711	49.41	0.0	0.003	216.094	2.711	1032.24	1076.808	0.0	-91.734	-89.958	0.0
3	16150	16151	SN	1	48.711	49.405	0.0	0.003	216.094	2.714	1032.56	1076.808	0.0	-91.7	-89.958	0.0
4	16150	16151	SN	1	48.711	49.405	0.0	0.003	216.094	2.44	1032.56	1076.808	0.0	-91.7	-89.958	0.0
5	16151	16152	NS	2	48.746	49.369	0.0	0.003	206.939	2.57	1039.504	1076.888	0.0	-92.324	-90.042	0.0
6	16151	16152	SN	1	48.714	49.404	0.0	0.003	27.622	2.387	1031.416	1077.0	0.0	-91.765	-89.986	0.0
7	16151	16152	SN	1	48.709	49.446	0.0	0.003	211.34	2.532	1031.416	1077.0	0.0	-91.732	-89.986	0.0
8	16151	16152	SN	1	48.709	49.446	0.0	0.003	211.34	2.385	1031.416	1077.0	0.0	-91.732	-89.986	0.0
9	16151	16152	NS	1	48.746	49.369	0.0	0.003	206.939	2.57	1039.504	1076.888	0.0	-92.324	-90.042	0.0
10	16152	16153	SN	1	48.764	49.448	0.0	0.003	28.452	2.518	1032.208	1077.032	0.0	-91.73	-90.003	0.0
11	16152	16153	SN	1	48.764	49.448	0.0	0.003	28.452	2.345	1032.208	1077.032	0.0	-91.73	-90.003	0.0
12	16152	16153	NS	1	48.747	49.368	0.0	0.003	13.6	2.499	1039.6	1076.936	0.0	-91.698	-90.047	0.0
13	16152	16153	NS	1	48.747	49.368	0.0	0.003	13.6	2.497	1039.6	1076.936	0.0	-91.633	-90.047	0.0
14	16152	16153	SN	2	48.764	49.448	0.0	0.003	28.452	2.518	1032.208	1077.032	0.0	-91.73	-90.003	0.0
15	16153	16154	SN	1	48.712	49.402	0.0	0.003	215.488	2.263	1031.248	1076.888	0.0	-91.774	-89.986	0.0
16	16153	16154	NS	1	48.719	49.368	0.0	0.0	44.219	2.753	1040.192	1076.792	0.0	-91.638	-90.054	0.0
17	16153	16154	NS	1	48.719	49.368	0.0	0.0	44.219	2.756	1040.192	1076.792	0.0	-91.638	-90.054	0.0
18	16153	16154	SN	1	48.712	49.402	0.0	0.003	215.488	2.561	1031.24	1076.896	0.0	-91.774	-89.986	0.0
19	16154	16155	SN	1	48.726	49.443	0.0	0.003	282.07	2.544	1031.296	1076.8	0.0	-91.722	-89.999	0.0
20	16154	16155	NS	1	48.694	49.368	0.0	0.003	266.7	2.599	1040.712	1076.704	0.0	-91.75	-90.068	0.0
21	16155	16156	NS	1	48.747	49.388	0.0	0.003	210.64	2.651	1040.68	1076.536	0.0	-91.801	-90.072	0.0
22	16155	16156	NS	1	48.747	49.423	0.0	0.003	210.64	2.662	1040.68	1076.536	0.0	-92.156	-90.072	0.0
23	16155	16156	SN	1	48.748	49.401	0.0	0.003	6.397	1.861	1031.624	1076.648	0.0	-91.508	-90.0	0.0
24	16155	16156	SN	1	48.639	49.438	0.0	0.003	6.397	2.547	1031.624	1076.656	0.0	-94.023	-90.0	0.0
25	16156	16157	SN	1	48.755	49.416	0.0	0.003	28.62	2.659	1031.456	1076.664	0.0	-91.684	-89.976	0.0
26	16156	16157	NS	1	48.638	49.396	0.0	0.003	210.287	2.56	1039.536	1076.568	0.0	-92.546	-90.074	0.0
27	16157	16158	SN	1	48.745	49.408	0.0	0.003	215.951	2.613	1031.64	1076.792	0.0	-92.206	-89.989	0.0
28	16157	16158	NS	1	48.746	49.412	0.0	0.0	42.708	2.738	1039.496	1076.688	0.0	-91.755	-90.07	0.0
29	16158	16159	SN	1	48.76	49.404	0.0	0.003	28.284	2.549	1031.68	1076.768	0.0	-91.752	-89.974	0.0
30	16158	16159	NS	1	48.685	49.378	0.0	0.003	206.95	2.64	1039.504	1076.656	0.0	-92.385	-90.063	0.0
31	16159	16160	NS	1	48.747	49.37	0.0	0.003	19.573	2.702	1039.872	1076.512	0.0	-91.724	-90.049	0.0
32	16159	16160	SN	1	48.709	49.404	0.0	0.003	215.239	2.564	1031.616	1076.624	0.0	-91.721	-90.005	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	16160	16161	NS	1	48.746	49.374	0.0	0.003	41.68	2.578	1040.072	1076.56	0.0	-91.697	-90.072	0.0
34	16160	16161	SN	1	48.76	49.404	0.0	0.003	6.403	2.654	1032.592	1076.664	0.0	-91.675	-89.973	0.0
35	16161	16162	NS	1	48.697	49.369	0.0	0.0	207.403	2.699	1040.304	1076.592	0.0	-91.72	-90.071	0.0
36	16161	16162	SN	1	48.742	49.404	0.0	0.008	29.125	2.566	1032.224	1076.696	0.0	-91.723	-89.98	0.0
37	16161	16162	SN	1	48.742	49.404	0.0	0.008	29.125	2.569	1032.224	1076.696	0.0	-91.723	-89.98	0.0
38	16162	16163	SN	1	48.708	49.405	0.0	0.003	6.403	2.576	1031.856	1076.752	0.0	-91.613	-90.005	0.0
39	16162	16163	NS	2	48.687	49.395	0.0	0.003	267.24	2.601	1040.008	1076.648	0.0	-91.785	-90.07	0.0
40	16162	16163	NS	1	48.687	49.395	0.0	0.003	267.24	2.601	1040.008	1076.648	0.0	-91.785	-90.07	0.0
41	16162	16163	SN	1	48.708	49.405	0.0	0.003	6.403	2.578	1031.688	1076.752	0.0	-91.613	-90.005	0.0
42	16163	16164	NS	1	48.688	49.391	0.0	0.003	266.568	2.651	1039.16	1076.704	0.0	-92.145	-90.07	0.0
43	16163	16164	SN	1	48.712	49.406	0.0	0.003	29.37	2.648	1031.96	1076.816	0.0	-91.747	-90.005	0.0
44	16163	16164	NS	2	48.686	49.39	0.0	0.003	267.246	2.649	1039.144	1076.704	0.0	-92.145	-90.07	0.0
45	16163	16164	SN	1	48.723	49.406	0.0	0.003	29.37	2.645	1031.96	1076.816	0.0	-91.747	-90.005	0.0
46	16164	16165	SN	1	48.75	49.405	0.0	0.003	28.912	2.699	1032.792	1076.736	0.0	-91.679	-89.986	0.0
47	16164	16165	NS	1	48.706	49.404	0.0	0.003	207.375	2.65	1039.048	1076.608	0.0	-91.752	-90.071	0.0
48	16164	16165	SN	1	48.734	49.404	0.0	0.003	6.392	2.694	1032.808	1076.72	0.0	-91.679	-89.986	0.0
49	16165	16166	SN	1	48.704	49.441	0.0	0.003	215.951	2.597	1032.664	1076.688	0.0	-91.778	-89.975	0.0
50	16165	16166	NS	1	48.745	49.369	0.0	0.0	267.196	2.678	1039.632	1076.592	0.0	-91.805	-90.055	0.0
51	16165	16166	SN	1	48.704	49.441	0.0	0.003	215.951	2.6	1032.664	1076.688	0.0	-91.778	-89.975	0.0
52	16166	16167	SN	1	48.728	49.403	0.0	0.003	280.896	2.484	1031.392	1076.84	0.0	-91.703	-90.005	0.0
53	16166	16167	NS	1	48.747	49.369	0.0	0.003	210.044	2.493	1039.4	1076.744	0.0	-91.785	-90.016	0.0
54	16166	16167	SN	1	48.728	49.403	0.0	0.003	214.964	2.486	1031.392	1076.832	0.0	-91.642	-90.005	0.0
55	16166	16167	SN	1	48.728	49.403	0.0	0.003	214.964	2.364	1031.392	1076.832	0.0	-91.642	-90.005	0.0
56	16167	16168	SN	1	48.767	49.403	0.0	0.008	6.408	2.533	1031.848	1076.744	0.0	-91.681	-90.001	0.0
57	16167	16168	NS	1	48.716	49.369	0.0	0.003	42.885	2.6	1039.56	1076.664	0.0	-91.744	-90.075	0.0
58	16167	16168	SN	1	48.705	49.451	0.0	0.008	6.408	2.519	1031.312	1076.744	0.0	-91.704	-90.001	0.0
59	16167	16168	SN	1	48.705	49.451	0.0	0.008	6.408	2.305	1031.312	1076.744	0.0	-91.708	-90.001	0.0
60	16168	16169	SN	1	48.767	49.402	0.0	0.003	215.333	2.167	1031.432	1076.6	0.0	-91.742	-90.001	0.0
61	16168	16169	NS	1	48.748	49.385	0.0	0.003	267.185	2.607	1040.28	1076.52	0.0	-91.712	-90.042	0.0
62	16168	16169	NS	2	48.748	49.385	0.0	0.003	267.185	2.607	1040.28	1076.52	0.0	-91.712	-90.042	0.0
63	16168	16169	SN	1	48.71	49.402	0.0	0.003	215.333	2.528	1031.44	1076.6	0.0	-91.707	-90.001	0.0
64	16168	16169	SN	1	48.768	49.402	0.0	0.003	215.333	2.514	1031.432	1076.6	0.0	-91.707	-90.001	0.0
65	16169	16170	SN	2	48.748	49.401	0.0	0.003	281.486	2.555	1031.536	1076.488	0.0	-91.63	-90.002	0.0
66	16169	16170	NS	1	48.706	49.369	0.0	0.0	206.945	2.752	1040.52	1076.416	0.0	-91.82	-90.064	0.0
67	16169	16170	SN	1	48.748	49.401	0.0	0.003	281.486	2.555	1031.536	1076.488	0.0	-91.63	-90.002	0.0
68	16169	16170	NS	1	48.706	49.369	0.0	0.0	206.945	2.749	1040.52	1076.416	0.0	-91.82	-90.064	0.0
69	16170	16171	SN	2	48.723	49.406	0.0	0.003	6.381	2.618	1031.52	1076.416	0.0	-91.76	-90.004	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	16170	16171	SN	1	48.723	49.406	0.0	0.003	6.381	1.755	1031.52	1076.416	0.0	-91.76	-90.004	0.0
71	16170	16171	NS	1	48.687	49.369	0.0	0.003	13.892	2.557	1039.464	1076.328	0.0	-91.906	-90.072	0.0
72	16170	16171	NS	1	48.687	49.369	0.0	0.003	13.892	2.555	1039.464	1076.328	0.0	-91.906	-90.072	0.0
73	16170	16171	SN	1	48.724	49.405	0.0	0.003	6.381	2.62	1031.528	1076.416	0.0	-91.76	-90.004	0.0
74	16171	16172	SN	1	48.74	49.426	0.0	0.003	282.329	2.679	1032.24	1076.536	0.0	-91.921	-89.998	0.0
75	16171	16172	SN	1	48.74	49.426	0.0	0.003	282.329	1.571	1032.24	1076.536	0.0	-91.921	-89.998	0.0
76	16171	16172	SN	1	48.74	49.426	0.0	0.003	282.329	2.682	1032.24	1076.536	0.0	-91.921	-89.998	0.0
77	16171	16172	NS	1	48.691	49.368	0.0	0.003	267.246	2.625	1039.536	1076.448	0.0	-91.803	-90.072	0.0
78	16172	16173	NS	2	48.683	49.393	0.0	0.003	206.961	2.596	1039.296	1076.48	0.0	-91.766	-90.048	0.0
79	16172	16173	NS	1	48.683	49.393	0.0	0.003	206.961	2.597	1039.296	1076.48	0.0	-93.181	-90.048	0.0
80	16172	16173	SN	1	48.751	49.404	0.0	0.003	279.792	2.577	1032.144	1076.576	0.0	-91.711	-89.966	0.0
81	16173	16174	SN	1	48.708	49.422	0.0	0.003	28.347	2.547	1031.856	1076.488	0.0	-92.168	-90.008	0.0
82	16173	16174	NS	1	48.744	49.368	0.0	0.0	264.582	2.811	1040.264	1076.392	0.0	-91.741	-90.048	0.0
83	16174	16175	SN	2	48.74	49.402	0.0	0.003	6.397	2.629	1032.72	1076.408	0.0	-91.698	-89.983	0.0
84	16174	16175	NS	1	48.734	49.369	0.0	0.003	267.246	2.614	1039.496	1076.304	0.0	-91.765	-90.072	0.0
85	16174	16175	NS	1	48.734	49.369	0.0	0.003	267.246	2.612	1039.496	1076.304	0.0	-91.765	-90.072	0.0
86	16174	16175	SN	1	48.74	49.402	0.0	0.003	6.397	2.63	1032.72	1076.408	0.0	-91.697	-89.983	0.0
87	16175	16176	NS	1	48.688	49.367	0.0	0.003	266.661	2.639	1039.512	1076.352	0.0	-91.782	-90.071	0.0
88	16175	16176	SN	1	48.756	49.467	0.0	0.003	6.386	2.618	1032.872	1076.456	0.0	-91.784	-89.988	0.0
89	16175	16176	SN	2	48.756	49.467	0.0	0.003	6.386	2.618	1032.872	1076.456	0.0	-91.784	-89.988	0.0
90	16175	16176	NS	1	48.688	49.367	0.0	0.003	266.661	2.643	1039.504	1076.352	0.0	-91.772	-90.07	0.0
91	16175	16176	NS	1	48.688	49.367	0.0	0.003	266.661	2.467	1039.504	1076.128	0.0	-91.772	-90.07	0.0
92	16176	16177	NS	1	48.716	49.366	0.0	0.003	14.047	2.572	1039.368	1076.344	0.0	-91.828	-90.069	0.0
93	16176	16177	NS	1	48.684	49.374	0.0	0.003	14.047	2.57	1039.072	1076.344	0.0	-91.796	-90.069	0.0
94	16176	16177	SN	1	48.708	49.402	0.0	0.003	6.381	2.579	1032.296	1076.456	0.0	-91.75	-90.004	0.0
95	16176	16177	NS	1	48.716	49.366	0.0	0.003	14.047	1.956	1039.368	1075.208	0.0	-91.821	-90.069	0.0
96	16177	16178	NS	1	48.689	49.407	0.0	0.003	15.089	2.123	1039.096	1075.6	0.0	-92.363	-90.067	0.0
97	16177	16178	SN	1	48.709	49.404	0.0	0.003	27.638	2.553	1032.584	1076.528	0.0	-91.649	-90.008	0.0
98	16177	16178	SN	1	48.709	49.404	0.0	0.003	27.638	2.551	1031.872	1076.528	0.0	-91.717	-90.008	0.0
99	16177	16178	NS	1	48.7	49.396	0.0	0.003	15.089	2.557	1039.048	1076.432	0.0	-92.201	-90.067	0.0
100	16177	16178	NS	1	48.689	49.407	0.0	0.003	15.089	2.554	1039.096	1076.424	0.0	-92.363	-90.067	0.0
101	16178	16179	NS	1	48.692	49.42	0.0	0.0	52.652	2.692	1038.928	1076.448	0.0	-91.768	-90.054	0.0
102	16178	16179	SN	1	48.759	49.405	0.0	0.0	214.87	2.742	1031.976	1076.552	0.0	-92.022	-90.01	0.0
103	16178	16179	SN	1	48.759	49.405	0.0	0.003	214.87	1.68	1031.976	1076.552	0.0	-91.644	-90.01	0.0
104	16178	16179	NS	1	48.692	49.42	0.0	0.0	52.652	1.72	1038.928	1072.144	0.0	-91.768	-90.054	0.0
105	16178	16179	NS	2	48.691	49.421	0.0	0.0	266.485	2.692	1038.92	1075.952	0.0	-91.768	-90.054	0.0
106	16178	16179	SN	2	48.754	49.405	0.0	0.0	214.87	2.739	1031.976	1076.552	0.0	-92.022	-90.01	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

 Normal	 Deviations
 Alarming	 High Errors

107	16178	16179	SN	1	48.754	49.405	0.0	0.0	269.347	2.739	1031.976	1076.552	0.0	-92.022	-90.01	0.0
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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	16150	16151	NS	1	-29.846	26.035	0.427	-34.679	26.227	0.057	0.639	31.59	10.43	-1.386	32.379	21.56	0.116	93.622	1.403	0.116	284.655	1.261	0.116	0.188	0.0	0.116	0.234	0.0
2	16150	16151	SN	1	-34.852	26.684	0.535	-34.823	28.009	2.292	-20.024	33.68	8.848	-29.479	29.126	10.786	0.116	296.3	6.229	0.116	294.2	5.152	0.116	9.832	0.018	0.116	86.041	0.005
3	16150	16151	SN	1	-34.852	26.684	0.536	-34.348	28.009	2.292	-20.022	33.68	8.851	-29.523	29.126	10.802	0.116	296.278	6.21	0.116	263.749	5.155	0.116	9.831	0.019	0.116	86.893	0.005
4	16150	16151	SN	1	-34.852	26.684	0.114	-34.348	28.009	2.016	-20.022	33.68	8.851	-29.523	29.126	10.802	0.116	296.278	6.568	0.116	263.749	5.357	0.116	9.831	0.019	0.116	86.893	0.005
5	16151	16152	NS	2	-31.412	26.121	0.229	-31.959	26.562	0.024	-18.165	35.433	7.528	-17.185	30.688	17.568	0.116	134.214	0.973	0.116	152.205	0.854	0.116	6.439	0.009	0.116	5.158	0.002
6	16151	16152	SN	1	-34.699	23.637	0.071	-34.886	25.24	0.973	-12.679	30.202	7.91	-6.429	28.68	3.944	0.116	285.953	5.481	0.116	298.606	5.637	0.116	1.886	0.004	0.116	0.52	0.0
7	16151	16152	SN	1	-34.919	23.875	0.221	-34.824	25.24	0.964	-12.724	30.202	7.911	-6.424	28.68	3.942	0.116	318.286	5.431	0.116	294.385	5.665	0.116	1.905	0.004	0.116	0.52	0.0
8	16151	16152	SN	1	-34.919	23.637	0.07	-34.781	25.24	0.971	-12.716	30.202	7.912	-6.424	28.68	3.942	0.116	318.286	5.475	0.116	291.466	5.645	0.116	1.902	0.004	0.116	0.52	0.0
9	16151	16152	NS	1	-32.453	26.121	0.225	-31.631	26.562	0.024	-18.165	35.433	7.528	-17.185	30.688	17.568	0.116	170.515	0.977	0.116	141.182	0.856	0.116	6.439	0.009	0.116	5.158	0.002
10	16152	16153	SN	1	-33.876	23.498	0.047	-34.563	23.242	0.112	5.381	26.689	12.527	7.909	27.354	6.952	0.116	243.553	2.97	0.116	277.135	2.523	0.116	0.138	0.0	0.116	0.128	0.0
11	16152	16153	SN	1	-33.876	23.498	0.037	-34.563	23.242	0.112	5.381	26.689	12.527	7.909	27.354	6.958	0.116	243.553	2.929	0.116	277.135	2.546	0.116	0.138	0.0	0.116	0.128	0.0
12	16152	16153	NS	1	-34.41	23.652	0.049	-34.147	22.436	0.007	-1.455	28.464	7.561	-7.974	28.522	14.399	0.116	267.59	5.909	0.116	251.813	5.345	0.116	0.236	0.0	0.116	0.701	0.0
13	16152	16153	NS	1	-34.99	23.652	0.049	-34.147	22.436	0.007	-1.455	28.465	7.561	-7.974	28.522	14.399	0.116	305.808	5.904	0.116	251.813	5.335	0.116	0.236	0.0	0.116	0.701	0.0
14	16152	16153	SN	2	-33.876	23.498	0.047	-34.563	23.242	0.112	5.381	26.689	12.527	7.909	27.354	6.952	0.116	243.553	2.97	0.116	277.135	2.523	0.116	0.138	0.0	0.116	0.128	0.0
15	16153	16154	SN	1	-34.776	21.999	0.0	-34.877	23.088	0.02	6.323	26.766	9.287	6.06	27.132	5.71	0.116	291.093	2.621	0.116	297.973	2.073	0.116	0.134	0.0	0.116	0.135	0.0
16	16153	16154	NS	1	-34.778	23.9	0.016	-34.28	22.59	0.028	-11.636	29.041	4.472	-29.589	29.758	8.722	0.116	291.176	3.265	0.116	259.657	3.251	0.116	1.503	0.001	0.116	88.254	0.004
17	16153	16154	NS	1	-34.722	23.9	0.016	-34.818	22.59	0.028	-11.636	29.041	4.468	-29.589	29.758	8.723	0.116	287.477	3.272	0.116	293.944	3.261	0.116	1.503	0.001	0.116	88.254	0.004
18	16153	16154	SN	1	-34.776	22.031	0.001	-34.877	23.179	0.049	6.323	26.766	9.278	6.06	27.132	5.649	0.116	291.093	2.64	0.116	297.973	2.032	0.116	0.134	0.0	0.116	0.135	0.0
19	16154	16155	SN	1	-34.959	21.951	0.0	-34.939	23.886	0.172	5.488	27.979	12.704	8.142	28.117	15.566	0.116	303.578	3.158	0.116	302.266	3.195	0.116	0.138	0.0	0.116	0.128	0.0
20	16154	16155	NS	1	-33.972	25.708	0.232	-34.207	23.238	0.271	-5.996	30.733	3.988	-6.129	29.154	10.058	0.116	241.907	3.813	0.116	255.366	3.72	0.116	0.48	0.0	0.116	0.492	0.0
21	16155	16156	NS	1	-34.47	23.606	0.362	-34.688	25.227	0.377	-14.627	29.186	5.557	-9.62	30.338	10.374	0.116	271.324	2.614	0.116	285.251	2.386	0.116	2.901	0.009	0.116	0.98	0.0
22	16155	16156	NS	1	-34.779	23.606	0.36	-34.81	25.227	0.378	-14.637	29.183	5.564	-9.622	30.338	10.375	0.116	291.317	2.617	0.116	293.416	2.389	0.116	2.908	0.009	0.116	0.98	0.0
23	16155	16156	SN	1	-34.583	20.215	0.0	-34.493	20.637	0.0	5.322	27.158	11.985	8.387	28.983	10.287	0.116	278.489	2.019	0.116	272.764	1.862	0.116	0.139	0.0	0.116	0.127	0.0
24	16155	16156	SN	1	-34.583	22.452	0.001	-34.886	24.03	0.413	5.322	27.158	11.241	8.387	28.983	10.121	0.116	278.489	1.99	0.116	298.58	1.915	0.116	0.139	0.0	0.116	0.127	0.0
25	16156	16157	SN	1	-34.724	23.23	0.018	-34.572	24.369	1.076	-15.57	31.968	8.766	-11.712	32.399	9.766	0.116	287.627	8.539	0.116	277.716	7.543	0.116	3.584	0.017	0.116	1.528	0.006
26	16156	16157	NS	1	-34.943	27.005	0.324	-34.32	27.642	0.386	7.474	27.382	10.308	7.604	29.175	19.075	0.116	302.566	3.787	0.116	262.115	3.778	0.116	0.13	0.0	0.116	0.129	0.0
27	16157	16158	SN	1	-34.982	23.041	0.016	-33.809	24.573	1.435	-17.023	32.808	12.156	-25.518	31.148	15.549	0.116	305.288	3.136	0.116	233.015	2.65	0.116	4.972	0.006	0.116	34.614	0.006
28	16157	16158	NS	1	-34.065	23.694	0.366	-34.781	25.198	0.236	3.048	29.048	12.604	6.925	29.842	20.386	0.116	247.178	4.604	0.116	291.426	3.872	0.116	0.156	0.0	0.116	0.132	0.0
29	16158	16159	SN	1	-33.689	24.777	0.106	-34.532	24.31	1.402	-27.563	28.012	15.017	-12.88	29.622	14.925	0.116	226.655	2.551	0.116	275.178	2.077	0.116	55.367	0.007	0.116	1.971	0.002
30	16158	16159	NS	1	-34.803	28.45	0.323	-33.922	23.683	0.159	-20.106	29.392	19.846	-11.949	30.139	32.204	0.116	292.872	6.139	0.116	239.19	5.028	0.116	10.018	0.006	0.116	1.608	0.005
31	16159	16160	NS	1	-34.782	28.623	0.379	-33.729	24.598	0.063	-32.255	32.428	11.352	-20.389	33.033	20.537	0.116	291.511	2.739	0.116	228.758	2.697	0.116	162.912	0.11	0.116	10.686	0.069
32	16159	16160	SN	1	-34.993	25.962	0.204	-34.815	26.881	1.211	-27.324	29.135	15.227	-27.36	29.68	15.446	0.116	305.984	5.969	0.116	293.742	5.351	0.116	55.137	0.022	0.116	52.844	0.028
33	16160	16161	NS	1	-33.497	24.663	0.506	-34.882	27.922	0.262	-24.684	28.496	17.339	-7.891	30.108	24.944	0.116	216.9	1.818	0.116	298.228	1.889	0.116	28.579	0.01	0.116	0.689	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

34	16160	16161	SN	1	-34.999	24.625	0.711	-34.567	24.581	1.772	-30.377	28.672	13.238	-26.455	29.472	11.792	0.116	306.398	3.585	0.116	277.464	2.726	0.116	105.753	0.037	0.116	42.926	0.021
35	16161	16162	NS	1	-34.414	27.628	0.72	-34.826	25.897	0.301	-8.712	29.252	24.759	-0.422	28.723	36.704	0.116	267.846	2.654	0.116	294.429	2.758	0.116	0.813	0.0	0.116	0.209	0.0
36	16161	16162	SN	1	-34.713	24.364	0.379	-32.227	24.918	1.813	-4.314	29.812	16.67	-4.426	30.0	18.35	0.116	286.893	1.344	0.116	161.898	1.462	0.116	0.358	0.0	0.116	0.365	0.0
37	16161	16162	SN	1	-34.713	24.372	0.38	-32.227	24.918	1.811	-4.314	29.812	16.676	-4.426	30.0	18.39	0.116	286.893	1.357	0.116	161.898	1.461	0.116	0.358	0.0	0.116	0.365	0.0
38	16162	16163	SN	1	-34.728	24.333	0.103	-34.192	26.084	1.322	-4.034	29.403	36.071	-6.168	30.3	44.058	0.116	287.882	3.136	0.116	254.463	2.779	0.116	0.342	0.0	0.116	0.495	0.0
39	16162	16163	NS	2	-34.838	25.407	1.018	-34.164	24.559	0.412	6.413	28.142	25.31	7.427	28.988	35.333	0.116	295.273	2.574	0.116	252.839	1.869	0.116	0.134	0.0	0.116	0.13	0.0
40	16162	16163	NS	1	-34.838	25.407	1.018	-34.164	24.559	0.412	6.413	28.142	25.31	7.427	28.988	35.333	0.116	295.273	2.574	0.116	252.839	1.869	0.116	0.134	0.0	0.116	0.13	0.0
41	16162	16163	SN	1	-34.728	24.338	0.103	-34.359	26.084	1.323	-4.039	29.403	36.153	-6.166	30.3	44.121	0.116	287.882	3.137	0.116	264.429	2.781	0.116	0.343	0.0	0.116	0.495	0.0
42	16163	16164	NS	1	-34.94	27.02	0.847	-34.821	27.472	0.088	7.143	30.054	17.632	7.502	31.047	27.357	0.116	302.363	4.379	0.116	294.194	3.502	0.116	0.131	0.0	0.116	0.129	0.0
43	16163	16164	SN	1	-34.925	25.973	0.14	-34.215	26.162	1.302	2.212	29.305	29.731	1.877	30.303	33.424	0.116	301.236	3.58	0.116	255.865	3.227	0.116	0.165	0.0	0.116	0.169	0.0
44	16163	16164	NS	2	-34.94	27.02	0.847	-34.821	27.47	0.088	7.143	30.054	17.634	7.502	31.046	27.358	0.116	302.363	4.379	0.116	294.194	3.502	0.116	0.131	0.0	0.116	0.129	0.0
45	16163	16164	SN	1	-34.758	25.976	0.14	-34.816	26.162	1.301	2.214	29.304	29.731	1.875	30.301	33.424	0.116	289.931	3.568	0.116	293.859	3.235	0.116	0.165	0.0	0.116	0.169	0.0
46	16164	16165	SN	1	-34.686	25.942	0.459	-34.086	25.786	2.071	-3.844	27.672	7.787	-1.287	30.074	7.969	0.116	285.144	6.583	0.116	248.415	4.93	0.116	0.332	0.0	0.116	0.231	0.0
47	16164	16165	NS	1	-34.79	24.924	0.561	-34.671	24.61	0.054	7.211	28.293	10.67	4.418	28.283	19.172	0.116	292.048	7.235	0.116	284.116	6.034	0.116	0.13	0.0	0.116	0.144	0.0
48	16164	16165	SN	1	-34.905	25.945	0.461	-34.75	25.787	2.068	-3.85	27.672	7.77	-1.281	30.074	7.978	0.116	299.885	6.593	0.116	289.371	4.934	0.116	0.332	0.0	0.116	0.231	0.0
49	16165	16166	SN	1	-34.993	26.346	0.21	-34.834	27.975	1.44	-1.681	30.968	9.124	0.987	28.867	6.213	0.116	305.998	4.893	0.116	294.943	4.694	0.116	0.243	0.0	0.116	0.182	0.0
50	16165	16166	NS	1	-33.757	25.667	0.276	-34.192	26.833	0.034	-21.825	32.042	8.481	-17.532	36.383	19.985	0.116	230.271	2.811	0.116	254.442	2.536	0.116	14.839	0.015	0.116	5.578	0.014
51	16165	16166	SN	1	-34.993	26.346	0.21	-34.533	27.975	1.441	-1.681	30.968	9.146	0.987	28.867	6.231	0.116	305.998	4.892	0.116	275.304	4.695	0.116	0.243	0.0	0.116	0.182	0.0
52	16166	16167	SN	1	-34.665	23.898	0.167	-34.507	23.846	0.464	5.455	28.643	10.039	4.518	29.104	5.477	0.116	283.774	2.386	0.116	273.623	2.504	0.116	0.138	0.0	0.116	0.144	0.0
53	16166	16167	NS	1	-34.922	23.948	0.134	-34.793	23.79	0.014	-13.879	28.637	7.746	-7.326	29.5	14.931	0.116	301.011	3.344	0.116	292.272	2.841	0.116	2.457	0.002	0.116	0.617	0.0
54	16166	16167	SN	1	-34.529	23.898	0.167	-34.038	23.846	0.464	5.455	28.643	10.039	4.518	29.104	5.478	0.116	275.046	2.39	0.116	245.671	2.508	0.116	0.138	0.0	0.116	0.144	0.0
55	16166	16167	SN	1	-34.529	23.759	0.106	-34.038	23.846	0.469	5.455	28.643	10.039	4.518	29.104	5.478	0.116	275.046	2.306	0.116	245.671	2.515	0.116	0.138	0.0	0.116	0.144	0.0
56	16167	16168	SN	1	-33.655	22.107	0.002	-34.953	23.08	0.032	7.226	26.763	9.638	7.024	27.357	3.731	0.116	224.883	2.378	0.116	303.201	1.919	0.116	0.13	0.0	0.116	0.131	0.0
57	16167	16168	NS	1	-34.492	22.288	0.004	-34.594	22.893	0.005	-6.078	29.157	6.729	-12.447	29.011	12.965	0.116	272.683	4.337	0.116	279.169	3.619	0.116	0.487	0.0	0.116	1.793	0.002
58	16167	16168	SN	1	-34.366	22.107	0.002	-34.677	23.08	0.032	7.226	26.763	9.677	7.022	27.357	3.745	0.116	264.875	2.378	0.116	284.563	1.919	0.116	0.136	0.0	0.116	0.131	0.0
59	16167	16168	SN	1	-34.366	21.731	0.0	-34.283	23.08	0.03	7.226	26.763	9.701	7.022	27.357	3.698	0.116	264.875	2.346	0.116	259.876	1.953	0.116	0.13	0.0	0.116	0.131	0.0
60	16168	16169	SN	1	-33.514	21.791	0.0	-34.804	22.636	0.011	5.166	27.982	13.773	7.403	27.658	15.915	0.116	217.744	2.462	0.116	293.016	2.198	0.116	0.14	0.0	0.116	0.13	0.0
61	16168	16169	NS	1	-34.312	23.23	0.126	-34.646	23.205	0.232	-17.543	27.757	3.493	-11.409	31.66	7.95	0.116	261.6	2.564	0.116	282.576	2.456	0.116	5.591	0.001	0.116	1.431	0.002
62	16168	16169	NS	2	-34.312	23.23	0.126	-34.646	23.205	0.232	-17.543	27.757	3.493	-11.409	31.66	7.95	0.116	261.6	2.564	0.116	282.576	2.456	0.116	5.591	0.001	0.116	1.431	0.002
63	16168	16169	SN	1	-34.912	22.054	0.001	-34.538	23.595	0.085	5.166	27.982	13.659	7.401	27.658	15.553	0.116	300.406	2.417	0.116	275.608	2.214	0.116	0.14	0.0	0.116	0.13	0.0
64	16168	16169	SN	1	-33.514	22.053	0.001	-34.804	23.594	0.085	5.166	27.982	13.677	7.403	27.658	15.359	0.116	217.744	2.421	0.116	293.016	2.22	0.116	0.14	0.0	0.116	0.13	0.0
65	16169	16170	SN	2	-34.979	21.812	0.0	-34.812	23.991	0.227	5.633	27.112	13.382	8.776	28.247	14.895	0.116	305.037	6.341	0.116	293.504	5.397	0.116	0.137	0.0	0.116	0.126	0.0
66	16169	16170	NS	1	-34.781	23.464	0.175	-34.99	23.502	0.186	-5.648	28.428	4.975	-6.652	29.435	9.769	0.116	291.449	4.488	0.116	305.783	3.605	0.116	0.451	0.0	0.116	0.542	0.0
67	16169	16170	SN	1	-34.979	21.812	0.0	-34.812	23.991	0.227	5.633	27.112	13.382	8.776	28.247	14.895	0.116	305.037	6.341	0.116	293.504	5.397	0.116	0.137	0.0	0.116	0.126	0.0
68	16169	16170	NS	1	-34.866	23.464	0.175	-34.99	23.502	0.186	-5.648	28.428	4.977	-6.652	29.437	9.769	0.116	297.234	4.481	0.116	305.783	3.616	0.116	0.451	0.0	0.116	0.542	0.0
69	16170	16171	SN	2	-34.939	23.176	0.01	-34.807	24.33	0.583	-2.351	28.781	8.919	-2.702	29.622	9.034	0.116	302.221	8.269	0.116	293.192	7.104	0.116	0.266	0.0	0.116	0.28	0.0
70	16170	16171	SN	1	-34.939	21.596	0.0	-34.807	20.889	0.0	-2.351	28.781	9.437	-2.702	29.622	9.019	0.116	302.221	8.582	0.116	293.192	7.422	0.116	0.266	0.0	0.116	0.28	0.0
71	16170	16171	NS	1	-34.939	26.977	0.324	-34.459	27.644	0.416	-12.693	29.401	8.21	-10.818	30.153	13.161	0.116	302.245	5.089	0.116	270.601	4.424	0.116	1.892	0.004	0.116	1.261	0.009
72	16170	16171	NS	1	-34.877	26.977	0.323	-34.929	27.642	0.416	-12.693	29.401	8.21	-10.818	30.153	13.155	0.116	297.954	5.08	0.116	301.559	4.417	0.116	1.892	0.004	0.116	1.261	0.009

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

- Normal
- Deviations
- Alarming
- High Errors

73	16170	16171	SN	1	-34.939	23.176	0.01	-34.807	24.33	0.583	-2.351	28.781	8.918	-2.702	29.622	9.034	0.116	302.221	8.269	0.116	293.192	7.104	0.116	0.266	0.0	0.116	0.28	0.0
74	16171	16172	SN	1	-34.878	22.105	0.002	-34.991	25.551	1.308	-14.039	35.157	10.77	-14.99	32.272	12.166	0.116	298.001	5.776	0.116	305.937	5.02	0.116	2.546	0.009	0.116	3.147	0.003
75	16171	16172	SN	1	-34.878	21.18	0.0	-34.936	23.228	0.007	-14.006	35.159	11.392	-15.009	32.271	12.167	0.116	298.001	5.62	0.116	302.019	5.248	0.116	2.527	0.01	0.116	3.16	0.003
76	16171	16172	SN	1	-34.878	22.105	0.002	-34.936	25.552	1.309	-14.054	35.159	10.766	-15.009	32.271	12.171	0.116	298.001	5.78	0.116	302.019	5.026	0.116	2.555	0.009	0.116	3.16	0.003
77	16171	16172	NS	1	-34.488	27.22	0.338	-34.694	27.865	0.379	6.476	35.092	9.33	7.697	29.406	15.184	0.116	272.419	3.6	0.116	285.69	2.973	0.116	0.133	0.0	0.116	0.129	0.0
78	16172	16173	NS	2	-34.826	24.465	0.266	-34.648	23.43	0.096	-7.676	29.038	14.245	-4.17	30.555	27.66	0.116	294.477	6.741	0.116	282.672	5.553	0.116	0.661	0.0	0.116	0.35	0.0
79	16172	16173	NS	1	-34.826	24.469	0.259	-34.648	23.385	0.088	-7.676	29.038	14.245	-4.155	30.555	27.66	0.116	294.477	6.744	0.116	282.672	5.555	0.116	0.661	0.0	0.116	0.349	0.0
80	16172	16173	SN	1	-34.96	23.437	0.034	-33.164	24.84	1.324	-7.978	28.801	14.733	-5.396	29.163	16.182	0.116	303.72	3.855	0.116	200.864	2.79	0.116	0.701	0.0	0.116	0.431	0.0
81	16173	16174	SN	1	-34.705	26.335	0.166	-34.654	26.372	1.227	-9.976	29.809	14.398	-11.26	29.958	13.618	0.116	286.413	5.015	0.116	283.019	4.062	0.116	1.055	0.002	0.116	1.386	0.002
82	16173	16174	NS	1	-33.218	27.494	0.324	-34.744	27.492	0.099	-15.699	29.299	12.786	-4.17	30.049	23.871	0.116	203.436	1.428	0.116	288.951	1.11	0.116	3.689	0.003	0.116	0.35	0.0
83	16174	16175	SN	2	-34.919	24.97	0.554	-34.487	26.367	1.237	-25.409	29.596	14.75	-11.78	30.507	15.351	0.116	300.826	4.838	0.116	272.401	3.986	0.116	33.761	0.013	0.116	1.551	0.004
84	16174	16175	NS	1	-34.914	27.603	0.415	-33.019	23.937	0.117	-4.936	28.547	14.19	2.69	36.011	21.55	0.116	300.5	0.887	0.116	194.265	0.92	0.116	0.398	0.0	0.116	0.159	0.0
85	16174	16175	NS	1	-34.914	27.603	0.415	-33.019	23.937	0.117	-4.936	28.547	14.19	2.69	36.011	21.55	0.116	300.5	0.886	0.116	194.265	0.918	0.116	0.398	0.0	0.116	0.159	0.0
86	16174	16175	SN	1	-34.976	24.97	0.554	-34.487	26.367	1.237	-25.409	29.596	14.75	-11.782	30.507	15.352	0.116	304.811	4.838	0.116	272.401	3.986	0.116	33.761	0.013	0.116	1.551	0.004
87	16175	16176	NS	1	-34.988	24.935	0.506	-34.495	24.129	0.262	-7.263	28.558	22.649	-3.847	29.008	33.823	0.116	305.655	2.18	0.116	272.892	1.983	0.116	0.61	0.0	0.116	0.332	0.0
88	16175	16176	SN	1	-34.94	23.716	0.38	-34.532	24.302	1.858	-10.227	30.555	13.633	-6.56	31.008	14.195	0.116	302.363	4.122	0.116	275.188	3.186	0.116	1.112	0.004	0.116	0.533	0.0
89	16175	16176	SN	2	-34.94	23.716	0.38	-34.532	24.302	1.858	-10.227	30.555	13.633	-6.56	31.008	14.195	0.116	302.363	4.122	0.116	275.188	3.186	0.116	1.112	0.004	0.116	0.533	0.0
90	16175	16176	NS	1	-34.988	24.935	0.506	-34.495	24.129	0.262	-7.263	28.558	22.649	-3.847	29.008	33.824	0.116	305.655	2.182	0.116	272.892	1.985	0.116	0.61	0.0	0.116	0.332	0.0
91	16175	16176	NS	1	-34.988	24.935	0.506	-34.495	24.129	0.262	-7.263	28.558	19.503	-3.847	28.994	31.066	0.116	305.655	2.182	0.116	272.892	1.985	0.116	0.61	0.0	0.116	0.332	0.0
92	16176	16177	NS	1	-34.796	25.154	0.931	-34.94	24.862	0.453	7.632	28.508	21.746	9.34	28.744	33.296	0.116	292.47	4.443	0.116	302.349	3.895	0.116	0.129	0.0	0.116	0.125	0.0
93	16176	16177	NS	1	-33.806	25.154	0.931	-34.376	24.861	0.453	7.63	28.508	21.733	9.34	28.744	33.14	0.116	232.848	4.442	0.116	265.508	3.893	0.116	0.129	0.0	0.116	0.125	0.0
94	16176	16177	SN	1	-34.498	23.979	0.054	-33.285	24.927	1.332	-12.476	29.712	23.535	-8.748	29.72	25.957	0.116	273.007	3.721	0.116	206.531	2.86	0.116	1.804	0.004	0.116	0.819	0.0
95	16176	16177	NS	1	-34.796	25.154	0.932	-34.94	24.862	0.453	7.632	28.508	10.552	9.34	28.745	28.004	0.116	292.47	4.45	0.116	302.349	3.895	0.116	0.129	0.0	0.116	0.125	0.0
96	16177	16178	NS	1	-34.779	25.283	0.854	-34.889	23.855	0.174	6.772	28.069	13.467	7.537	29.033	32.875	0.116	291.324	6.209	0.116	298.804	6.077	0.116	0.132	0.0	0.116	0.129	0.0
97	16177	16178	SN	1	-34.205	24.57	0.118	-34.752	25.728	1.239	1.168	28.762	40.518	-4.044	30.158	52.041	0.116	255.244	5.255	0.116	289.48	4.962	0.116	0.179	0.0	0.116	0.343	0.0
98	16177	16178	SN	1	-34.905	24.57	0.118	-34.713	25.728	1.239	1.17	28.762	40.513	-4.034	30.158	52.035	0.116	299.894	5.265	0.116	286.915	4.952	0.116	0.179	0.0	0.116	0.342	0.0
99	16177	16178	NS	1	-34.98	25.283	0.852	-34.875	23.855	0.174	6.775	28.364	25.985	7.537	29.033	36.676	0.116	305.111	6.217	0.116	297.787	6.073	0.116	0.132	0.0	0.116	0.129	0.0
100	16177	16178	NS	1	-34.779	25.283	0.853	-34.889	23.855	0.174	6.775	28.363	25.987	7.537	29.033	36.741	0.116	291.324	6.209	0.116	298.804	6.077	0.116	0.132	0.0	0.116	0.129	0.0
101	16178	16179	NS	1	-34.932	25.161	0.671	-34.816	25.062	0.062	6.42	29.305	13.285	5.771	29.772	22.657	0.116	301.754	6.707	0.116	293.878	6.939	0.116	0.134	0.0	0.116	0.136	0.0
102	16178	16179	SN	1	-34.818	26.07	0.194	-34.654	26.109	1.504	1.287	29.044	12.507	-1.893	29.783	10.941	0.116	293.953	4.228	0.116	283.071	3.586	0.116	0.177	0.0	0.116	0.25	0.0
103	16178	16179	SN	1	-34.818	20.079	0.0	-34.654	21.928	0.0	1.385	28.129	11.606	-1.889	29.783	10.605	0.116	293.953	4.246	0.116	283.071	3.922	0.116	0.176	0.0	0.116	0.25	0.0
104	16178	16179	NS	1	-34.932	25.161	0.709	-34.816	25.062	0.061	7.158	26.7	3.048	5.723	26.62	5.962	0.116	301.754	7.151	0.116	293.878	6.984	0.116	0.131	0.0	0.116	0.137	0.0
105	16178	16179	NS	2	-34.932	25.161	0.671	-34.816	25.062	0.062	6.42	29.305	13.284	5.784	29.772	22.669	0.116	301.754	6.71	0.116	293.878	6.938	0.116	0.134	0.0	0.116	0.136	0.0
106	16178	16179	SN	2	-34.86	26.07	0.194	-34.968	26.109	1.502	1.289	29.044	12.507	-1.893	29.783	10.941	0.116	296.803	4.222	0.116	304.234	3.602	0.116	0.177	0.0	0.116	0.25	0.0
107	16178	16179	SN	1	-34.86	26.07	0.194	-34.968	26.109	1.503	1.289	29.044	12.508	-1.893	29.783	10.942	0.116	296.803	4.223	0.116	304.234	3.602	0.116	0.177	0.0	0.116	0.25	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	16150	16151	NS	1	57.525	58.183	0.0	0.0	295.218	3.846	1218.696	1264.728	0.0	-93.325	-92.1	0.0
2	16150	16151	SN	1	57.351	58.259	0.0	0.0	298.306	4.04	1209.632	1265.096	0.253	-94.898	-92.004	0.0
3	16150	16151	SN	1	57.351	58.242	0.0	0.0	298.306	4.044	1209.52	1265.096	0.255	-94.898	-92.004	0.0
4	16150	16151	SN	1	57.518	58.242	0.0	0.0	298.306	3.606	1209.52	1265.096	0.26	-93.172	-92.004	0.0
5	16151	16152	NS	2	57.53	58.184	0.0	0.0	297.248	3.668	1218.656	1264.984	0.0	-93.151	-92.08	0.0
6	16151	16152	SN	1	57.52	58.24	0.0	0.003	289.35	3.403	1208.872	1265.344	0.791	-93.228	-92.034	0.0
7	16151	16152	SN	1	57.523	58.239	0.0	0.0	289.471	3.786	1208.952	1265.336	0.784	-93.047	-92.034	0.0
8	16151	16152	SN	1	57.523	58.239	0.0	0.0	289.471	3.398	1208.952	1265.336	0.794	-93.047	-92.034	0.0
9	16151	16152	NS	1	57.53	58.263	0.0	0.0	297.248	3.669	1218.656	1264.984	0.0	-95.543	-92.08	0.0
10	16152	16153	SN	1	57.517	58.25	0.0	0.003	299.371	3.76	1208.448	1265.376	1.243	-93.084	-92.05	0.0
11	16152	16153	SN	1	57.517	58.25	0.0	0.003	299.371	3.369	1208.448	1265.376	1.259	-93.084	-92.05	0.0
12	16152	16153	NS	1	57.511	58.183	0.0	0.0	294.86	3.582	1218.88	1265.032	0.0	-93.128	-92.083	0.0
13	16152	16153	NS	1	57.511	58.183	0.0	0.0	294.86	3.578	1218.88	1265.032	0.0	-93.147	-92.083	0.0
14	16152	16153	SN	2	57.517	58.25	0.0	0.003	299.371	3.76	1208.448	1265.376	1.243	-93.084	-92.05	0.0
15	16153	16154	SN	1	57.518	58.262	0.0	0.0	296.139	3.321	1208.416	1265.184	1.411	-93.13	-92.026	0.0
16	16153	16154	NS	1	57.506	58.183	0.0	0.0	296.1	3.852	1218.864	1264.856	0.0	-93.056	-92.094	0.0
17	16153	16154	NS	1	57.506	58.183	0.0	0.0	296.1	3.855	1218.864	1264.856	0.0	-93.119	-92.094	0.0
18	16153	16154	SN	1	57.517	58.262	0.0	0.0	296.089	3.757	1208.408	1265.2	1.407	-93.13	-92.026	0.0
19	16154	16155	SN	1	57.518	58.256	0.0	0.0	299.051	3.731	1208.584	1265.08	1.236	-95.544	-92.046	0.0
20	16154	16155	NS	1	57.523	58.201	0.0	0.0	299.608	3.747	1219.616	1264.752	0.0	-93.281	-92.11	0.0
21	16155	16156	NS	1	57.534	58.199	0.0	0.0	295.223	3.849	1219.144	1264.544	0.0	-93.158	-92.116	0.0
22	16155	16156	NS	1	57.534	58.203	0.0	0.0	295.223	3.861	1219.144	1264.544	0.0	-93.238	-92.116	0.0
23	16155	16156	SN	1	57.528	58.236	0.0	0.0	295.075	3.043	1208.776	1264.888	0.993	-93.054	-92.047	0.0
24	16155	16156	SN	1	57.368	58.236	0.0	0.0	295.003	3.747	1208.776	1264.896	0.941	-94.824	-92.047	0.0
25	16156	16157	SN	1	57.55	58.237	0.0	0.0	291.429	3.881	1209.272	1264.936	0.094	-93.312	-92.026	0.0
26	16156	16157	NS	1	57.501	58.187	0.0	0.0	296.591	3.718	1218.552	1264.584	0.0	-93.876	-92.118	0.0
27	16157	16158	SN	1	57.534	58.262	0.0	0.0	298.378	3.85	1209.04	1265.096	0.002	-93.133	-92.022	0.0
28	16157	16158	NS	1	57.512	58.183	0.0	0.0	299.431	3.888	1218.392	1264.744	0.0	-93.168	-92.113	0.0
29	16158	16159	SN	1	57.536	58.249	0.0	0.0	299.895	3.76	1209.112	1265.072	0.063	-93.098	-92.018	0.0
30	16158	16159	NS	1	57.497	58.204	0.0	0.0	295.582	3.869	1218.624	1264.704	0.0	-93.183	-92.078	0.0
31	16159	16160	NS	1	57.518	58.203	0.0	0.0	298.102	3.857	1218.528	1264.544	0.0	-93.1	-92.09	0.0
32	16159	16160	SN	1	57.528	58.239	0.0	0.0	298.246	3.819	1209.056	1264.888	0.13	-93.071	-92.05	0.0
33	16160	16161	NS	1	57.519	58.185	0.0	0.0	292.797	3.695	1219.272	1264.584	0.0	-93.197	-92.116	0.0
34	16160	16161	SN	1	57.532	58.24	0.0	0.0	298.301	3.907	1209.832	1264.952	0.218	-93.05	-92.018	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	16161	16162	NS	1	57.5	58.183	0.0	0.0	294.324	3.791	1218.44	1264.64	0.0	-93.204	-92.11	0.0
36	16161	16162	SN	1	57.53	58.24	0.0	0.0	293.288	3.772	1209.816	1264.992	0.189	-93.029	-92.029	0.0
37	16161	16162	SN	1	57.53	58.24	0.0	0.0	293.288	3.784	1209.816	1264.992	0.189	-93.006	-92.029	0.0
38	16162	16163	SN	1	57.519	58.241	0.0	0.0	289.383	3.757	1209.016	1265.072	0.088	-93.084	-92.052	0.0
39	16162	16163	NS	2	57.499	58.182	0.0	0.0	296.939	3.721	1218.144	1264.712	0.0	-93.159	-92.114	0.0
40	16162	16163	NS	1	57.499	58.182	0.0	0.0	296.939	3.721	1218.144	1264.712	0.0	-93.159	-92.114	0.0
41	16162	16163	SN	1	57.519	58.241	0.0	0.0	289.383	3.761	1209.016	1265.072	0.089	-93.005	-92.052	0.0
42	16163	16164	NS	1	57.492	58.182	0.0	0.0	293.58	3.823	1218.208	1264.776	0.0	-93.166	-92.114	0.0
43	16163	16164	SN	1	57.518	58.242	0.0	0.0	296.376	3.851	1209.424	1265.144	0.01	-93.025	-92.053	0.0
44	16163	16164	NS	2	57.491	58.182	0.0	0.0	293.58	3.823	1218.176	1264.776	0.0	-93.151	-92.114	0.0
45	16163	16164	SN	1	57.523	58.244	0.0	0.0	296.376	3.847	1209.296	1265.144	0.012	-93.042	-92.053	0.0
46	16164	16165	SN	1	57.535	58.241	0.0	0.0	299.244	4.018	1210.096	1265.04	0.0	-93.481	-92.028	0.0
47	16164	16165	NS	1	57.497	58.203	0.0	0.0	297.474	3.863	1217.992	1264.656	0.0	-93.393	-92.115	0.0
48	16164	16165	SN	1	57.538	58.24	0.0	0.0	299.244	3.997	1210.104	1265.016	0.0	-93.481	-92.028	0.0
49	16165	16166	SN	1	57.523	58.257	0.0	0.0	297.43	3.848	1209.216	1264.992	0.044	-93.113	-92.021	0.0
50	16165	16166	NS	1	57.531	58.184	0.0	0.0	296.277	3.86	1218.512	1264.64	0.0	-93.192	-92.101	0.0
51	16165	16166	SN	1	57.527	58.257	0.0	0.0	297.43	3.852	1209.368	1264.992	0.043	-93.113	-92.021	0.0
52	16166	16167	SN	1	57.53	58.239	0.0	0.0	297.942	3.679	1208.848	1265.16	0.516	-93.036	-92.052	0.0
53	16166	16167	NS	1	57.527	58.183	0.0	0.0	293.823	3.602	1218.448	1264.824	0.0	-93.272	-92.066	0.0
54	16166	16167	SN	1	57.534	58.239	0.0	0.0	297.926	3.682	1208.792	1265.144	0.525	-93.055	-92.052	0.0
55	16166	16167	SN	1	57.534	58.239	0.0	0.0	297.926	3.327	1208.792	1265.144	0.531	-93.055	-92.052	0.0
56	16167	16168	SN	1	57.52	58.238	0.0	0.0	291.804	3.71	1208.736	1265.016	0.837	-93.083	-92.048	0.0
57	16167	16168	NS	1	57.517	58.184	0.0	0.0	296.464	3.739	1218.728	1264.728	0.0	-93.067	-92.121	0.0
58	16167	16168	SN	1	57.516	58.238	0.0	0.0	291.804	3.697	1208.736	1265.016	0.836	-93.044	-92.048	0.0
59	16167	16168	SN	1	57.516	58.238	0.0	0.0	291.777	3.305	1208.736	1265.016	0.849	-93.03	-92.048	0.0
60	16168	16169	SN	1	57.537	58.237	0.0	0.0	299.034	3.269	1208.744	1264.84	0.779	-93.105	-92.048	0.0
61	16168	16169	NS	1	57.524	58.184	0.0	0.0	297.893	3.729	1219.4	1264.552	0.0	-93.133	-92.095	0.0
62	16168	16169	NS	2	57.524	58.184	0.0	0.0	297.893	3.729	1219.4	1264.552	0.0	-93.133	-92.095	0.0
63	16168	16169	SN	1	57.537	58.237	0.0	0.0	299.023	3.742	1208.824	1264.848	0.761	-93.065	-92.048	0.0
64	16168	16169	SN	1	57.537	58.237	0.0	0.0	299.034	3.732	1208.744	1264.84	0.762	-93.036	-92.048	0.0
65	16169	16170	SN	2	57.523	58.239	0.0	0.0	294.887	3.748	1208.664	1264.712	0.518	-93.518	-92.049	0.0
66	16169	16170	NS	1	57.506	58.209	0.0	0.0	293.376	3.93	1219.032	1264.408	0.0	-93.084	-92.105	0.0
67	16169	16170	SN	1	57.523	58.239	0.0	0.0	294.887	3.748	1208.664	1264.712	0.518	-93.518	-92.049	0.0
68	16169	16170	NS	1	57.506	58.209	0.0	0.0	293.376	3.926	1219.032	1264.408	0.0	-93.095	-92.105	0.0
69	16170	16171	SN	2	57.514	58.244	0.0	0.0	298.582	3.856	1209.152	1264.632	0.041	-93.712	-92.044	0.0
70	16170	16171	SN	1	57.514	58.244	0.0	0.003	297.97	2.957	1209.152	1264.632	0.043	-93.09	-92.044	0.0
71	16170	16171	NS	1	57.512	58.202	0.0	0.0	297.275	3.712	1218.544	1264.328	0.0	-93.141	-92.116	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	16170	16171	NS	1	57.512	58.202	0.0	0.0	297.275	3.708	1218.544	1264.328	0.0	-93.139	-92.116	0.0
73	16170	16171	SN	1	57.515	58.243	0.0	0.0	298.582	3.856	1209.16	1264.624	0.035	-93.712	-92.045	0.0
74	16171	16172	SN	1	57.381	58.238	0.0	0.0	297.076	3.914	1209.552	1264.8	0.002	-94.986	-92.039	0.0
75	16171	16172	SN	1	57.53	58.238	0.0	0.0	294.402	2.658	1209.552	1264.8	0.002	-93.127	-92.039	0.0
76	16171	16172	SN	1	57.381	58.238	0.0	0.0	297.076	3.918	1209.552	1264.8	0.002	-94.986	-92.039	0.0
77	16171	16172	NS	1	57.496	58.183	0.0	0.0	293.834	3.753	1218.504	1264.472	0.0	-93.248	-92.115	0.0
78	16172	16173	NS	2	57.506	58.2	0.0	0.0	293.514	3.788	1218.288	1264.52	0.0	-93.386	-92.089	0.0
79	16172	16173	NS	1	57.504	58.299	0.0	0.0	293.514	3.791	1218.288	1264.52	0.0	-95.205	-92.089	0.0
80	16172	16173	SN	1	57.539	58.24	0.0	0.0	292.88	3.806	1209.448	1264.848	0.004	-93.112	-92.009	0.0
81	16173	16174	SN	1	57.523	58.246	0.0	0.0	286.896	3.744	1209.24	1264.728	0.003	-93.309	-92.055	0.0
82	16173	16174	NS	1	57.513	58.215	0.0	0.0	296.26	4.039	1218.496	1264.408	0.0	-93.085	-92.088	0.0
83	16174	16175	SN	2	57.523	58.238	0.0	0.0	297.148	3.923	1210.208	1264.632	0.0	-93.043	-92.023	0.0
84	16174	16175	NS	1	57.535	58.184	0.0	0.0	297.656	3.72	1218.576	1264.288	0.0	-93.115	-92.116	0.0
85	16174	16175	NS	1	57.535	58.184	0.0	0.0	297.656	3.717	1218.576	1264.288	0.0	-93.078	-92.116	0.0
86	16174	16175	SN	1	57.523	58.238	0.0	0.0	297.148	3.922	1210.2	1264.64	0.0	-93.285	-92.023	0.0
87	16175	16176	NS	1	57.499	58.191	0.0	0.0	296.729	3.734	1218.264	1264.36	0.0	-93.159	-92.115	0.0
88	16175	16176	SN	1	57.528	58.253	0.0	0.0	299.884	3.885	1210.176	1264.688	0.0	-93.119	-92.028	0.0
89	16175	16176	SN	2	57.528	58.253	0.0	0.0	299.884	3.885	1210.176	1264.688	0.0	-93.119	-92.028	0.0
90	16175	16176	NS	1	57.499	58.192	0.0	0.0	296.729	3.737	1218.256	1264.36	0.0	-93.179	-92.115	0.0
91	16175	16176	NS	1	57.499	58.192	0.0	0.0	296.729	3.265	1218.256	1263.96	0.0	-93.179	-92.115	0.0
92	16176	16177	NS	1	57.499	58.181	0.0	0.0	299.977	3.706	1218.248	1264.344	0.0	-93.146	-92.113	0.0
93	16176	16177	NS	1	57.497	58.181	0.0	0.0	299.977	3.718	1218.104	1264.344	0.0	-93.144	-92.113	0.0
94	16176	16177	SN	1	57.523	58.238	0.0	0.0	298.461	3.797	1209.64	1264.696	0.001	-93.254	-92.049	0.0
95	16176	16177	NS	1	57.499	58.181	0.0	0.0	292.223	2.972	1218.248	1262.584	0.0	-93.178	-92.113	0.0
96	16177	16178	NS	1	57.506	58.193	0.0	0.0	294.148	3.098	1217.968	1263.104	0.0	-93.136	-92.112	0.0
97	16177	16178	SN	1	57.522	58.239	0.0	0.0	298.786	3.745	1209.392	1264.792	0.002	-93.038	-92.055	0.0
98	16177	16178	SN	1	57.505	58.239	0.0	0.0	298.786	3.741	1209.624	1264.792	0.001	-93.013	-92.055	0.0
99	16177	16178	NS	1	57.502	58.193	0.0	0.0	296.437	3.686	1218.608	1264.456	0.0	-93.304	-92.112	0.0
100	16177	16178	NS	1	57.506	58.193	0.0	0.0	296.437	3.673	1217.968	1264.44	0.0	-93.186	-92.112	0.0
101	16178	16179	NS	1	57.496	58.181	0.0	0.0	295.367	3.96	1217.768	1264.464	0.0	-93.21	-92.096	0.0
102	16178	16179	SN	1	57.52	58.241	0.0	0.0	290.514	3.97	1209.76	1264.816	0.0	-94.634	-92.057	0.0
103	16178	16179	SN	1	57.52	58.241	0.0	0.0	287.194	2.868	1209.76	1264.816	0.0	-92.994	-92.057	0.0
104	16178	16179	NS	1	57.496	58.181	0.0	0.0	295.367	2.373	1217.768	1259.744	0.0	-93.21	-92.096	0.0
105	16178	16179	NS	2	57.495	58.182	0.0	0.0	295.389	3.964	1217.76	1263.672	0.0	-93.21	-92.096	0.0
106	16178	16179	SN	2	57.52	58.241	0.0	0.0	290.514	3.965	1210.136	1264.816	0.0	-94.634	-92.057	0.0
107	16178	16179	SN	1	57.52	58.241	0.0	0.0	290.392	3.965	1210.136	1264.816	0.0	-94.634	-92.057	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	16150	16151	NS	1	-34.807	19.896	0.0	-34.433	20.118	0.0	-0.17	22.432	0.007	-1.457	24.477	0.072	0.086	224.129	2.228	0.086	205.598	2.321	0.086	0.152	0.0	0.086	0.177	0.0
2	16150	16151	SN	1	-34.73	20.756	0.0	-34.748	20.73	0.0	-23.208	22.24	0.012	-29.67	22.382	0.007	0.086	220.144	5.462	0.086	221.066	4.651	0.086	15.564	0.012	0.086	68.7	0.012
3	16150	16151	SN	1	-33.797	20.756	0.0	-34.731	20.73	0.0	-23.098	22.24	0.012	-29.082	22.382	0.007	0.086	177.632	5.468	0.086	220.192	4.65	0.086	15.178	0.012	0.086	60.002	0.012
4	16150	16151	SN	1	-33.797	20.756	0.0	-34.731	20.73	0.0	-22.787	22.24	0.012	-24.787	22.382	0.007	0.086	177.632	5.66	0.086	220.192	4.697	0.086	14.135	0.012	0.086	22.361	0.012
5	16151	16152	NS	2	-32.123	19.536	0.0	-34.359	19.66	0.0	-28.223	22.662	0.009	-10.445	23.131	0.034	0.086	120.81	0.888	0.086	202.093	0.863	0.086	49.25	0.002	0.086	0.886	0.0
6	16151	16152	SN	1	-34.606	20.602	0.0	-34.976	20.835	0.0	-4.433	22.246	0.002	-6.862	22.317	0.002	0.086	213.969	4.191	0.086	232.939	4.571	0.086	0.275	0.0	0.086	0.427	0.0
7	16151	16152	SN	1	-34.953	20.602	0.0	-34.601	20.835	0.0	-4.433	22.246	0.002	-6.862	22.317	0.002	0.086	231.737	4.171	0.086	213.736	4.576	0.086	0.275	0.0	0.086	0.427	0.0
8	16151	16152	SN	1	-34.953	20.602	0.0	-34.601	20.835	0.0	-4.432	22.246	0.002	-6.862	22.317	0.002	0.086	231.737	4.18	0.086	213.736	4.563	0.086	0.275	0.0	0.086	0.427	0.0
9	16151	16152	NS	1	-33.396	19.536	0.0	-32.965	19.66	0.0	-28.223	22.662	0.009	-10.445	23.131	0.034	0.086	161.951	0.887	0.086	146.666	0.862	0.086	49.25	0.002	0.086	0.886	0.0
10	16152	16153	SN	1	-34.807	17.67	0.0	-34.886	18.089	0.0	1.615	22.365	0.005	2.14	21.25	0.0	0.087	224.118	2.448	0.086	228.179	2.006	0.086	0.128	0.0	0.086	0.123	0.0
11	16152	16153	SN	1	-34.807	17.404	0.0	-34.886	18.089	0.0	1.615	22.365	0.005	2.14	21.25	0.0	0.087	224.118	2.354	0.086	228.179	2.03	0.086	0.128	0.0	0.086	0.123	0.0
12	16152	16153	NS	1	-34.821	17.469	0.0	-34.67	17.551	0.0	-9.064	21.75	0.0	-32.14	22.19	0.011	0.087	224.846	4.539	0.087	217.1	4.094	0.086	0.663	0.0	0.086	121.294	0.035
13	16152	16153	NS	1	-34.821	17.469	0.0	-34.875	17.551	0.0	-9.064	21.75	0.0	-32.14	22.19	0.011	0.087	224.846	4.529	0.087	227.614	4.085	0.086	0.663	0.0	0.086	121.294	0.035
14	16152	16153	SN	2	-34.807	17.67	0.0	-34.886	18.089	0.0	1.615	22.365	0.005	2.14	21.25	0.0	0.087	224.118	2.448	0.086	228.179	2.006	0.086	0.128	0.0	0.086	0.123	0.0
15	16153	16154	SN	1	-33.955	16.33	0.0	-34.383	17.328	0.0	0.888	22.47	0.011	0.189	22.152	0.018	0.087	184.185	1.953	0.087	203.234	1.643	0.086	0.137	0.0	0.086	0.146	0.0
16	16153	16154	NS	1	-34.663	17.441	0.0	-34.812	17.197	0.0	-27.779	22.734	0.003	-26.934	22.512	0.012	0.087	216.818	2.872	0.087	224.332	2.408	0.086	44.485	0.043	0.086	36.632	0.109
17	16153	16154	NS	1	-34.663	17.441	0.0	-34.812	17.197	0.0	-27.779	22.74	0.003	-26.934	22.512	0.012	0.087	216.818	2.879	0.087	224.332	2.414	0.086	44.485	0.043	0.086	36.632	0.109
18	16153	16154	SN	1	-34.778	17.175	0.0	-34.383	17.682	0.0	0.888	22.47	0.011	0.189	22.152	0.018	0.087	222.552	2.015	0.086	203.234	1.619	0.086	0.137	0.0	0.086	0.146	0.0
19	16154	16155	SN	1	-34.996	16.007	0.0	-34.49	17.888	0.0	0.126	21.567	0.0	2.353	22.155	0.016	0.087	234.081	3.106	0.086	208.348	2.995	0.086	0.147	0.0	0.086	0.121	0.0
20	16154	16155	NS	1	-34.985	18.731	0.0	-34.086	17.737	0.0	-20.42	22.543	0.003	-22.611	22.716	0.009	0.086	233.469	3.554	0.086	189.8	3.534	0.086	8.222	0.02	0.086	13.572	0.013
21	16155	16156	NS	1	-34.502	17.107	0.0	-34.795	18.54	0.0	-26.586	21.784	0.0	-33.101	22.288	0.017	0.087	208.952	2.08	0.086	223.445	2.095	0.086	33.807	0.219	0.086	151.327	0.05
22	16155	16156	NS	1	-34.645	17.107	0.0	-34.73	18.533	0.0	-26.557	21.782	0.0	-33.087	22.288	0.017	0.087	215.879	2.082	0.086	220.123	2.112	0.086	33.581	0.219	0.086	150.798	0.05
23	16155	16156	SN	1	-34.942	14.889	0.0	-34.835	15.23	0.0	-0.725	21.57	0.0	4.355	21.934	0.0	0.087	231.123	3.376	0.087	225.533	3.08	0.086	0.162	0.0	0.086	0.107	0.0
24	16155	16156	SN	1	-34.973	15.613	0.0	-34.835	17.955	0.0	-0.725	21.57	0.0	4.354	21.934	0.0	0.087	232.794	3.332	0.086	225.533	3.135	0.086	0.162	0.0	0.086	0.107	0.0
25	16156	16157	SN	1	-34.97	15.602	0.0	-34.959	17.755	0.0	-19.384	22.939	0.088	-10.606	22.902	0.256	0.087	232.635	7.919	0.086	232.026	6.888	0.086	6.49	0.003	0.086	0.917	0.0
26	16156	16157	NS	1	-34.609	20.657	0.0	-34.462	21.074	0.0	2.542	22.644	0.038	1.564	26.722	0.046	0.086	214.092	2.971	0.086	207.016	2.859	0.086	0.12	0.0	0.086	0.129	0.0
27	16157	16158	SN	1	-34.459	17.45	0.0	-34.192	17.692	0.0	-17.885	23.711	0.061	-14.289	23.85	0.352	0.087	206.825	2.622	0.086	194.512	2.816	0.086	4.615	0.001	0.086	2.053	0.005
28	16157	16158	NS	1	-34.108	17.517	0.0	-34.868	16.853	0.0	2.202	23.247	0.03	-5.92	23.136	0.35	0.087	190.759	4.118	0.087	230.55	3.491	0.086	0.122	0.0	0.086	0.358	0.0
29	16158	16159	SN	1	-34.02	17.655	0.0	-34.677	17.749	0.0	-28.847	22.769	0.05	-6.706	23.182	0.127	0.087	186.975	1.912	0.086	217.525	1.911	0.086	56.85	0.043	0.086	0.415	0.0
30	16158	16159	NS	1	-34.772	21.567	0.0	-34.954	21.406	0.0	-12.964	22.774	0.091	-20.723	23.683	1.076	0.086	222.303	5.774	0.086	231.798	5.003	0.086	1.53	0.003	0.086	8.811	0.014
31	16159	16160	NS	1	-34.6	21.443	0.0	-34.813	18.622	0.0	-27.003	22.246	0.021	-24.776	23.397	0.594	0.086	213.634	2.62	0.086	224.44	2.316	0.086	37.203	0.066	0.086	22.308	0.064
32	16159	16160	SN	1	-34.767	19.754	0.0	-34.906	20.295	0.0	-34.674	22.945	0.114	-31.012	22.969	0.08	0.086	222.04	5.961	0.086	229.25	5.032	0.086	217.374	0.143	0.086	93.554	0.166

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

33	16160	16161	NS	1	-34.351	17.726	0.0	-34.232	21.748	0.0	-3.915	22.667	0.014	-7.116	23.269	0.487	0.086	201.747	1.376	0.086	196.325	1.532	0.086	0.253	0.0	0.086	0.448	0.0
34	16160	16161	SN	1	-34.784	19.635	0.0	-34.657	20.107	0.0	-29.628	23.19	0.072	-21.546	23.765	0.07	0.086	222.942	3.691	0.086	216.525	2.964	0.086	68.052	0.048	0.086	10.637	0.025
35	16161	16162	NS	1	-34.368	20.473	0.0	-34.458	18.773	0.0	-12.796	22.938	0.034	-2.62	23.318	0.521	0.086	202.541	2.056	0.086	206.764	2.044	0.086	1.475	0.006	0.086	0.207	0.0
36	16161	16162	SN	1	-34.55	17.611	0.0	-34.165	18.269	0.0	-16.811	22.942	0.098	-13.335	23.108	0.11	0.087	211.228	1.529	0.086	193.332	1.541	0.086	3.618	0.007	0.086	1.661	0.005
37	16161	16162	SN	1	-33.679	17.61	0.0	-33.709	18.269	0.0	-16.811	22.942	0.098	-13.335	23.108	0.113	0.087	172.866	1.526	0.086	174.013	1.546	0.086	3.618	0.007	0.086	1.661	0.005
38	16162	16163	SN	1	-34.931	17.715	0.0	-34.652	18.306	0.0	-20.136	22.704	0.242	-24.281	23.071	0.452	0.086	230.551	2.715	0.086	216.289	2.554	0.086	7.704	0.059	0.086	19.915	0.118
39	16162	16163	NS	2	-34.874	20.495	0.0	-34.538	17.755	0.0	1.286	22.362	0.032	-3.498	23.608	0.741	0.086	227.535	2.737	0.086	210.644	2.21	0.086	0.132	0.0	0.086	0.236	0.0
40	16162	16163	NS	1	-34.874	20.495	0.0	-34.538	17.755	0.0	1.286	22.362	0.032	-3.498	23.608	0.741	0.086	227.535	2.737	0.086	210.644	2.21	0.086	0.132	0.0	0.086	0.236	0.0
41	16162	16163	SN	1	-34.909	17.715	0.0	-34.629	18.306	0.0	-20.149	22.707	0.242	-24.226	23.071	0.452	0.086	229.454	2.717	0.086	215.074	2.556	0.086	7.729	0.059	0.086	19.658	0.119
42	16163	16164	NS	1	-33.83	18.458	0.0	-34.741	20.76	0.0	0.608	22.672	0.192	2.158	23.959	0.532	0.086	179.849	3.837	0.086	220.71	3.559	0.086	0.14	0.0	0.086	0.123	0.0
43	16163	16164	SN	1	-34.816	17.484	0.0	-34.54	18.42	0.0	-3.623	22.607	0.116	-0.201	23.061	0.727	0.087	224.584	3.104	0.086	210.739	2.784	0.086	0.241	0.0	0.086	0.152	0.0
44	16163	16164	NS	2	-33.865	18.458	0.0	-34.741	20.758	0.0	0.608	22.672	0.192	2.158	23.959	0.532	0.086	180.425	3.833	0.086	220.71	3.559	0.086	0.14	0.0	0.086	0.123	0.0
45	16163	16164	SN	1	-34.755	17.486	0.0	-34.919	18.42	0.0	-3.624	22.607	0.116	-0.198	23.061	0.727	0.087	221.364	3.096	0.086	229.908	2.804	0.086	0.241	0.0	0.086	0.152	0.0
46	16164	16165	SN	1	-34.365	20.53	0.0	-34.928	20.698	0.0	-3.007	22.695	0.006	-7.662	24.141	0.009	0.086	202.369	5.103	0.086	230.408	4.302	0.086	0.219	0.0	0.086	0.499	0.0
47	16164	16165	NS	1	-34.878	20.125	0.0	-34.6	20.037	0.0	1.074	22.998	0.112	1.006	23.343	0.226	0.086	227.787	6.024	0.086	213.676	5.741	0.086	0.134	0.0	0.086	0.135	0.0
48	16164	16165	SN	1	-34.256	20.53	0.0	-34.96	20.694	0.0	-3.007	22.696	0.006	-7.67	24.141	0.009	0.086	197.435	5.107	0.086	232.1	4.303	0.086	0.219	0.0	0.086	0.5	0.0
49	16165	16166	SN	1	-34.73	20.13	0.0	-34.759	20.591	0.0	-5.247	22.306	0.009	-2.578	22.272	0.004	0.086	220.183	4.158	0.086	221.615	4.351	0.086	0.317	0.0	0.086	0.206	0.0
50	16165	16166	NS	1	-34.482	19.082	0.0	-34.697	19.92	0.0	-10.694	22.492	0.005	-5.812	23.116	0.05	0.086	207.978	2.186	0.086	218.485	1.875	0.086	0.934	0.0	0.086	0.351	0.0
51	16165	16166	SN	1	-34.875	20.13	0.0	-34.759	20.591	0.0	-5.246	22.306	0.009	-2.585	22.272	0.004	0.086	227.638	4.158	0.086	221.615	4.354	0.086	0.317	0.0	0.086	0.206	0.0
52	16166	16167	SN	1	-34.832	17.584	0.0	-34.905	18.111	0.0	1.037	22.436	0.006	1.366	21.895	0.0	0.087	225.364	2.546	0.086	229.207	2.557	0.086	0.135	0.0	0.086	0.131	0.0
53	16166	16167	NS	1	-34.711	17.684	0.0	-34.9	16.904	0.0	-20.095	22.754	0.012	-34.721	23.037	0.03	0.086	219.244	2.447	0.087	228.941	2.145	0.086	7.635	0.004	0.086	219.65	0.026
54	16166	16167	SN	1	-34.903	17.584	0.0	-34.683	18.111	0.0	1.037	22.436	0.006	1.366	21.895	0.0	0.087	229.118	2.543	0.086	217.796	2.56	0.086	0.135	0.0	0.086	0.131	0.0
55	16166	16167	SN	1	-34.903	17.584	0.0	-34.683	18.111	0.0	1.037	22.436	0.006	1.366	21.895	0.0	0.087	229.118	2.502	0.086	217.796	2.591	0.086	0.135	0.0	0.086	0.131	0.0
56	16167	16168	SN	1	-34.204	17.802	0.0	-34.685	17.972	0.0	1.028	22.2	0.006	1.47	21.092	0.0	0.086	195.069	1.65	0.086	217.87	1.583	0.086	0.135	0.0	0.086	0.13	0.0
57	16167	16168	NS	1	-34.925	17.621	0.0	-33.904	17.449	0.0	-31.436	22.477	0.004	-32.075	22.772	0.012	0.087	230.207	3.931	0.087	182.018	3.628	0.086	103.146	0.193	0.086	119.511	0.119
58	16167	16168	SN	1	-34.954	17.802	0.0	-34.976	17.972	0.0	1.028	22.203	0.006	1.47	21.091	0.0	0.086	231.834	1.655	0.086	232.943	1.583	0.086	0.135	0.0	0.086	0.13	0.0
59	16167	16168	SN	1	-34.843	17.563	0.0	-34.976	17.978	0.0	1.028	22.203	0.006	1.47	21.091	0.0	0.087	225.91	1.598	0.086	232.943	1.578	0.086	0.135	0.0	0.086	0.13	0.0
60	16168	16169	SN	1	-34.53	15.302	0.0	-33.786	16.286	0.0	0.166	22.053	0.006	1.994	22.406	0.033	0.087	210.294	2.087	0.087	177.161	1.918	0.086	0.147	0.0	0.086	0.124	0.0
61	16168	16169	NS	1	-34.928	18.567	0.0	-34.557	17.356	0.0	-11.58	22.178	0.005	-6.318	22.865	0.017	0.086	230.438	2.394	0.087	211.537	2.562	0.086	1.131	0.001	0.086	0.385	0.0
62	16168	16169	NS	2	-34.928	18.567	0.0	-34.557	17.356	0.0	-11.58	22.178	0.005	-6.318	22.865	0.017	0.086	230.438	2.394	0.087	211.537	2.562	0.086	1.131	0.001	0.086	0.385	0.0
63	16168	16169	SN	1	-34.94	16.296	0.0	-33.777	17.662	0.0	0.164	22.056	0.006	1.994	22.407	0.031	0.087	231.063	2.124	0.087	176.786	1.937	0.086	0.147	0.0	0.086	0.124	0.0
64	16168	16169	SN	1	-34.863	16.298	0.0	-34.821	17.664	0.0	0.166	22.053	0.006	1.994	22.406	0.031	0.087	226.97	2.118	0.087	224.841	1.935	0.086	0.147	0.0	0.086	0.124	0.0
65	16169	16170	SN	2	-34.999	15.654	0.0	-34.776	18.266	0.0	0.235	21.468	0.0	2.514	21.951	0.0	0.087	234.219	5.453	0.086	228.154	4.746	0.086	0.146	0.0	0.086	0.12	0.0
66	16169	16170	NS	1	-34.897	18.394	0.0	-34.965	17.924	0.0	-22.94	21.794	0.0	-20.892	22.379	0.012	0.086	228.802	4.353	0.086	232.429	4.021	0.086	14.64	0.018	0.086	9.158	0.026
67	16169	16170	SN	1	-34.999	15.654	0.0	-34.776	18.266	0.0	0.235	21.468	0.0	2.514	21.951	0.0	0.087	234.219	5.453	0.086	228.154	4.746	0.086	0.146	0.0	0.086	0.12	0.0
68	16169	16170	NS	1	-34.742	18.394	0.0	-34.951	17.924	0.0	-22.94	21.794	0.0	-20.892	22.379	0.012	0.086	220.752	4.346	0.086	231.639	4.028	0.086	14.64	0.018	0.086	9.158	0.026
69	16170	16171	SN	2	-34.682	15.577	0.0	-34.499	17.741	0.0	-3.199	22.798	0.075	2.03	22.853	0.124	0.087	217.719	7.369	0.086	208.775	6.645	0.086	0.226	0.0	0.086	0.124	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

70	16170	16171	SN	1	-34.614	13.973	0.0	-34.499	14.609	0.0	-3.199	22.798	0.081	2.03	22.853	0.124	0.088	214.335	7.628	0.088	208.775	6.98	0.086	0.226	0.0	0.086	0.124	0.0
71	16170	16171	NS	1	-34.92	21.318	0.0	-34.863	21.27	0.0	-33.325	21.948	0.0	-27.244	22.311	0.006	0.086	230.0	4.419	0.086	226.98	4.108	0.086	159.319	0.173	0.086	39.329	0.245
72	16170	16171	NS	1	-34.971	21.318	0.0	-34.863	21.27	0.0	-33.325	21.949	0.0	-27.244	22.311	0.006	0.086	232.757	4.417	0.086	226.98	4.099	0.086	159.319	0.173	0.086	39.329	0.245
73	16170	16171	SN	1	-34.614	15.577	0.0	-34.765	17.741	0.0	-3.199	22.798	0.075	2.03	22.853	0.124	0.087	214.335	7.369	0.086	221.96	6.648	0.086	0.226	0.0	0.086	0.124	0.0
74	16171	16172	SN	1	-34.62	16.013	0.0	-34.721	17.647	0.0	-13.627	23.965	0.145	-11.426	24.718	0.466	0.087	214.651	5.091	0.087	219.637	4.485	0.086	1.772	0.003	0.086	1.094	0.002
75	16171	16172	SN	1	-34.62	16.013	0.0	-34.232	16.493	0.0	-13.626	23.966	0.155	-11.424	24.717	0.468	0.087	214.651	5.274	0.087	196.301	4.8	0.086	1.771	0.003	0.086	1.093	0.002
76	16171	16172	SN	1	-34.62	16.013	0.0	-34.232	17.647	0.0	-13.629	23.966	0.145	-11.424	24.717	0.467	0.087	214.651	5.093	0.087	196.301	4.492	0.086	1.772	0.003	0.086	1.093	0.002
77	16171	16172	NS	1	-34.957	20.405	0.0	-34.974	19.998	0.0	2.352	22.494	0.009	1.359	22.655	0.106	0.086	231.966	2.832	0.086	232.852	2.346	0.086	0.121	0.0	0.086	0.131	0.0
78	16172	16173	NS	2	-34.806	22.959	0.002	-34.793	16.58	0.0	-1.791	22.429	0.047	-30.016	23.355	0.706	0.086	223.987	6.009	0.087	223.37	5.47	0.086	0.185	0.0	0.086	74.394	0.002
79	16172	16173	NS	1	-34.843	22.939	0.002	-34.793	16.555	0.0	-1.791	22.429	0.047	-32.884	23.355	0.706	0.086	264.679	6.009	0.087	223.37	5.46	0.086	0.185	0.0	0.086	143.96	0.002
80	16172	16173	SN	1	-34.815	17.082	0.0	-34.731	17.791	0.0	-26.744	22.93	0.083	-13.91	23.832	0.212	0.087	230.231	3.723	0.086	220.223	3.092	0.086	35.058	0.082	0.086	1.887	0.016
81	16173	16174	SN	1	-34.73	19.032	0.0	-33.613	19.356	0.0	-7.018	22.921	0.077	-7.54	22.727	0.051	0.086	220.112	3.951	0.086	170.207	3.652	0.086	0.44	0.0	0.086	0.487	0.0
82	16173	16174	NS	1	-33.368	19.995	0.0	-34.552	23.119	0.001	-2.297	22.523	0.116	-4.639	23.782	0.978	0.086	160.93	1.332	0.086	211.306	1.182	0.086	0.198	0.0	0.086	0.285	0.0
83	16174	16175	SN	2	-34.792	19.253	0.0	-34.394	19.769	0.0	-26.823	22.87	0.07	-17.866	23.14	0.077	0.086	223.293	3.685	0.086	203.8	3.007	0.086	35.701	0.207	0.086	4.596	0.049
84	16174	16175	NS	1	-34.196	20.048	0.0	-33.416	20.563	0.0	-5.518	22.477	0.008	-4.686	23.668	0.506	0.086	194.719	0.835	0.086	162.728	0.825	0.086	0.332	0.0	0.086	0.287	0.0
85	16174	16175	NS	1	-34.196	20.048	0.0	-33.416	20.563	0.0	-5.518	22.477	0.008	-4.686	23.668	0.506	0.086	194.719	0.834	0.086	162.728	0.823	0.086	0.332	0.0	0.086	0.287	0.0
86	16174	16175	SN	1	-34.792	19.253	0.0	-34.394	19.769	0.0	-26.823	22.87	0.07	-17.866	23.14	0.077	0.086	223.293	3.688	0.086	203.8	3.007	0.086	35.701	0.207	0.086	4.596	0.049
87	16175	16176	NS	1	-34.356	21.225	0.0	-34.642	19.745	0.0	-7.507	22.195	0.009	-6.836	23.522	0.498	0.086	201.993	2.363	0.086	215.724	2.275	0.086	0.484	0.0	0.086	0.425	0.0
88	16175	16176	SN	1	-34.888	17.488	0.0	-34.844	18.088	0.0	-20.76	22.82	0.05	-18.607	23.156	0.074	0.087	228.258	3.701	0.086	226.003	3.306	0.086	8.886	0.038	0.086	5.439	0.02
89	16175	16176	SN	2	-34.888	17.488	0.0	-34.844	18.088	0.0	-20.76	22.82	0.05	-18.607	23.156	0.074	0.087	228.258	3.701	0.086	226.003	3.306	0.086	8.886	0.038	0.086	5.439	0.02
90	16175	16176	NS	1	-34.356	21.225	0.0	-34.379	19.745	0.0	-7.507	22.195	0.009	-6.836	23.522	0.498	0.086	201.993	2.365	0.086	203.015	2.275	0.086	0.484	0.0	0.086	0.425	0.0
91	16175	16176	NS	1	-34.356	21.225	0.0	-34.379	19.745	0.0	-7.507	22.195	0.015	-6.836	23.522	0.539	0.086	201.993	2.368	0.086	203.015	2.275	0.086	0.484	0.0	0.086	0.425	0.0
92	16176	16177	NS	1	-34.742	20.3	0.0	-34.786	20.746	0.0	0.152	22.826	0.03	-1.086	23.106	0.541	0.086	226.415	3.322	0.086	222.979	2.68	0.086	0.147	0.0	0.086	0.169	0.0
93	16176	16177	NS	1	-34.897	20.3	0.0	-34.84	20.746	0.0	0.15	22.826	0.03	-1.089	23.106	0.538	0.086	228.762	3.316	0.086	225.764	2.677	0.086	0.147	0.0	0.086	0.169	0.0
94	16176	16177	SN	1	-34.994	17.975	0.0	-34.249	18.277	0.0	-29.83	23.105	0.246	-22.583	23.13	0.321	0.086	233.988	3.991	0.086	197.075	3.134	0.086	71.28	0.095	0.086	13.489	0.108
95	16176	16177	NS	1	-34.742	20.3	0.0	-34.786	20.746	0.0	0.152	22.826	0.046	-1.086	23.133	0.732	0.086	226.415	3.33	0.086	222.979	2.68	0.086	0.147	0.0	0.086	0.169	0.0
96	16177	16178	NS	1	-34.691	19.542	0.0	-34.738	17.819	0.0	2.211	22.447	0.007	2.638	23.617	0.753	0.086	218.17	5.329	0.086	220.506	5.017	0.086	0.122	0.0	0.086	0.119	0.0
97	16177	16178	SN	1	-34.541	17.31	0.0	-34.569	18.506	0.0	0.005	22.848	0.223	-3.709	23.018	0.745	0.087	210.748	5.026	0.086	212.166	4.758	0.086	0.149	0.0	0.086	0.244	0.0
98	16177	16178	SN	1	-34.646	17.311	0.0	-34.728	18.506	0.0	0.011	22.848	0.223	-3.711	23.018	0.745	0.087	215.954	5.056	0.086	220.035	4.755	0.086	0.149	0.0	0.086	0.244	0.0
99	16177	16178	NS	1	-34.987	19.542	0.0	-34.626	17.819	0.0	2.214	23.03	0.087	2.638	23.618	0.673	0.086	233.553	5.329	0.086	214.959	5.023	0.086	0.122	0.0	0.086	0.119	0.0
100	16177	16178	NS	1	-34.691	19.542	0.0	-34.738	17.819	0.0	2.212	23.032	0.087	2.64	23.618	0.671	0.086	218.17	5.336	0.086	220.506	5.017	0.086	0.122	0.0	0.086	0.119	0.0
101	16178	16179	NS	1	-34.433	17.981	0.0	-34.637	16.943	0.0	-7.783	23.208	0.262	-0.069	23.657	0.56	0.086	205.566	6.633	0.087	215.484	6.772	0.086	0.511	0.0	0.086	0.15	0.0
102	16178	16179	SN	1	-34.724	16.765	0.0	-34.567	18.031	0.0	-1.294	22.356	0.018	0.231	23.343	0.052	0.087	219.804	4.13	0.086	212.031	3.56	0.086	0.173	0.0	0.086	0.146	0.0
103	16178	16179	SN	1	-34.775	14.708	0.0	-34.567	16.759	0.0	-1.287	22.194	0.002	0.226	23.303	0.052	0.088	222.442	4.147	0.087	212.031	3.767	0.086	0.173	0.0	0.086	0.146	0.0
104	16178	16179	NS	1	-34.433	17.981	0.0	-34.637	16.943	0.0	-7.783	21.094	0.0	-0.042	21.954	0.0	0.086	205.566	7.198	0.087	215.484	6.828	0.086	0.511	0.0	0.086	0.15	0.0
105	16178	16179	NS	2	-34.433	17.981	0.0	-34.922	16.943	0.0	-7.549	23.208	0.262	-0.077	23.657	0.56	0.086	205.566	6.635	0.087	230.065	6.772	0.086	0.501	0.0	0.086	0.15	0.0
106	16178	16179	SN	2	-34.988	16.762	0.0	-34.567	18.029	0.0	-1.296	22.356	0.018	0.237	23.343	0.049	0.087	233.614	4.124	0.086	212.031	3.569	0.086	0.173	0.0	0.086	0.146	0.0

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

107	16178	16179	SN	1	-34.988	16.76	0.0	-34.567	18.029	0.0	-1.296	22.356	0.018	0.237	23.343	0.049	0.087	233.614	4.125	0.086	212.031	3.569	0.086	0.173	0.0	0.086	0.146	0.0
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Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

Normal

Deviations

Alarming

High Errors