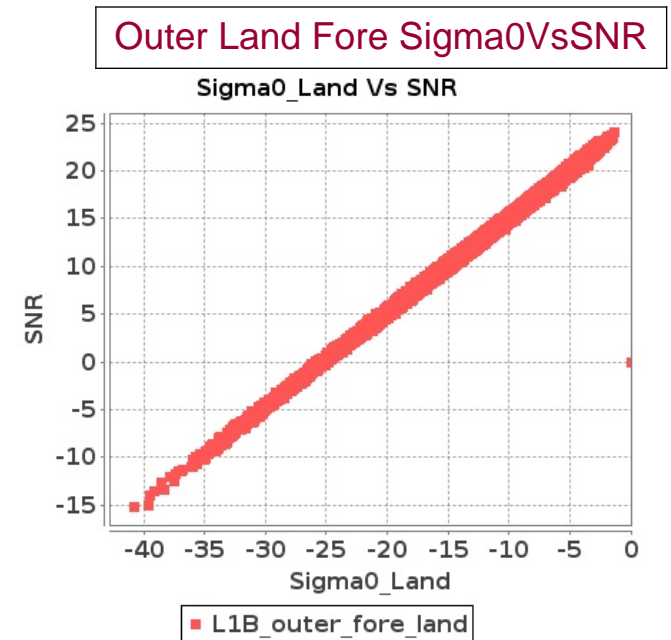
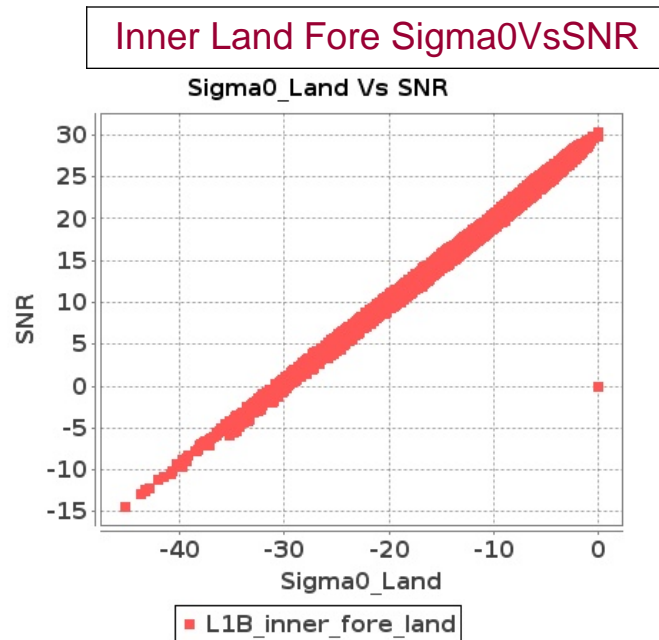
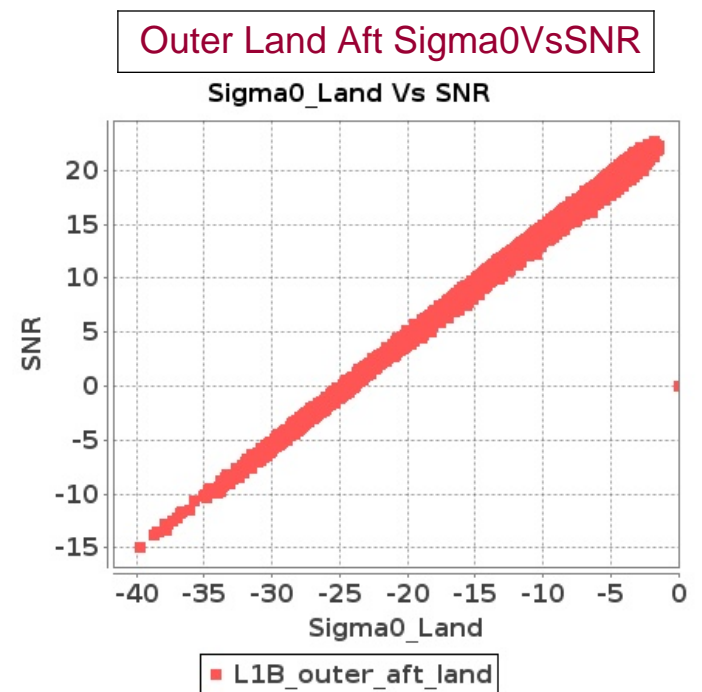
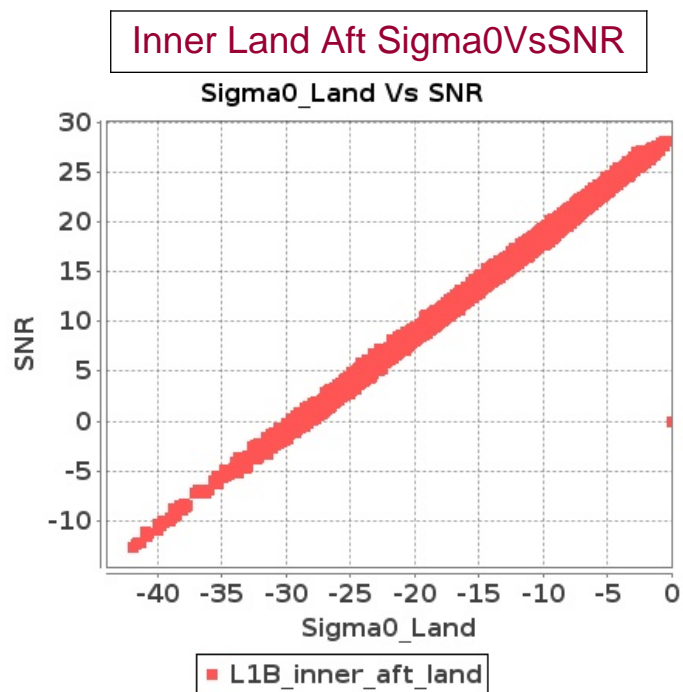
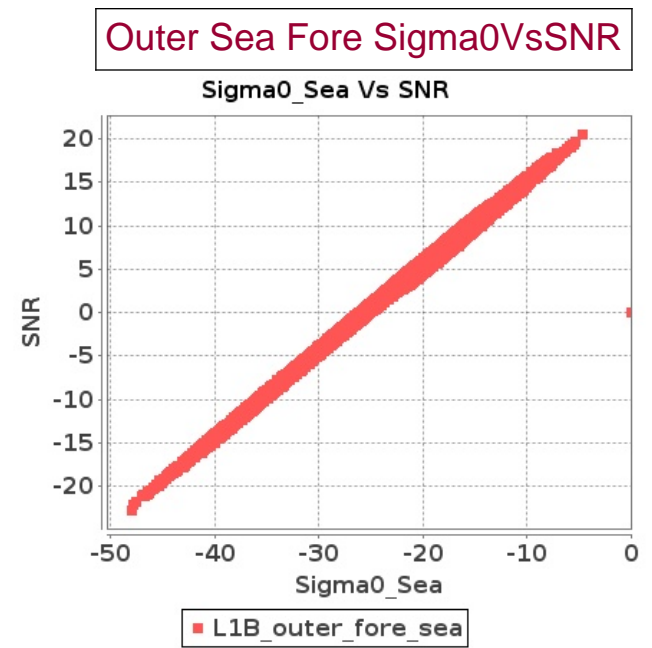
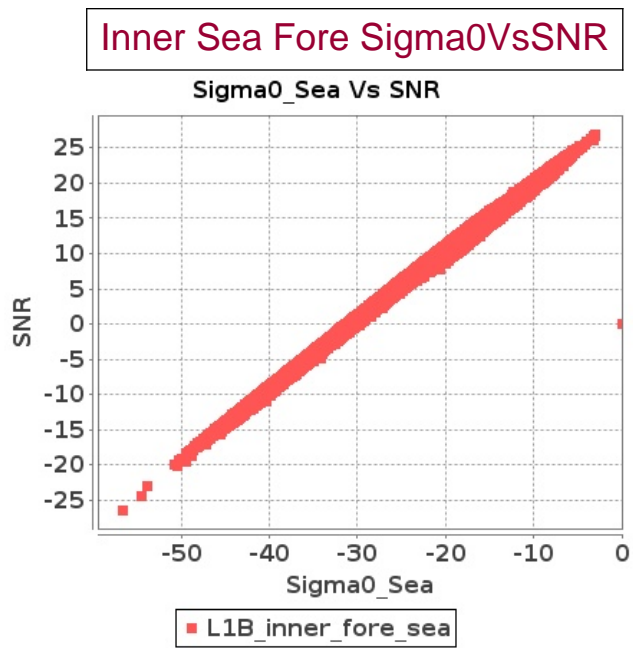
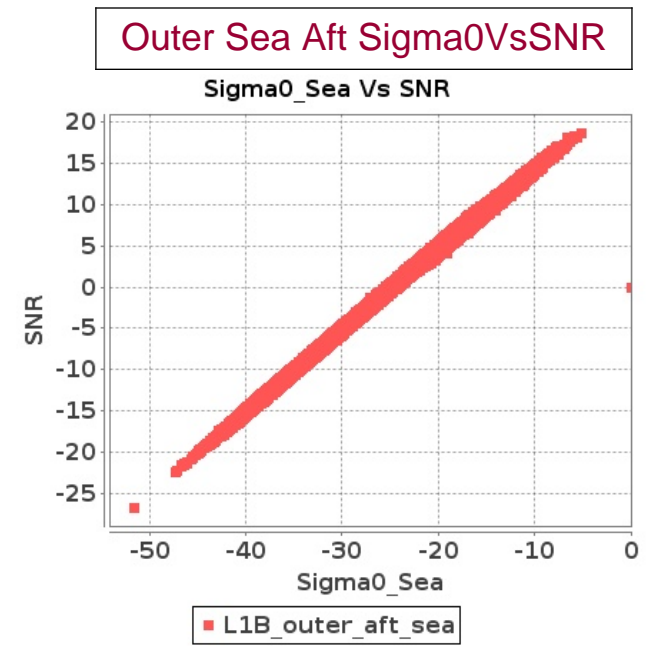
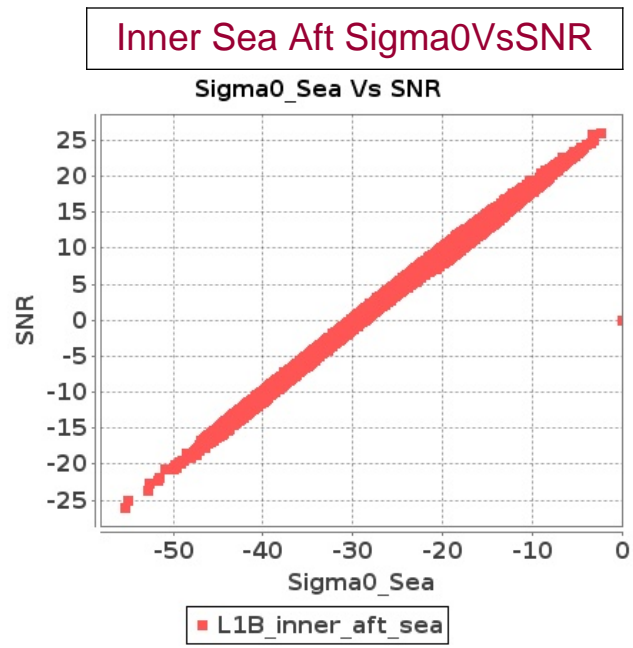
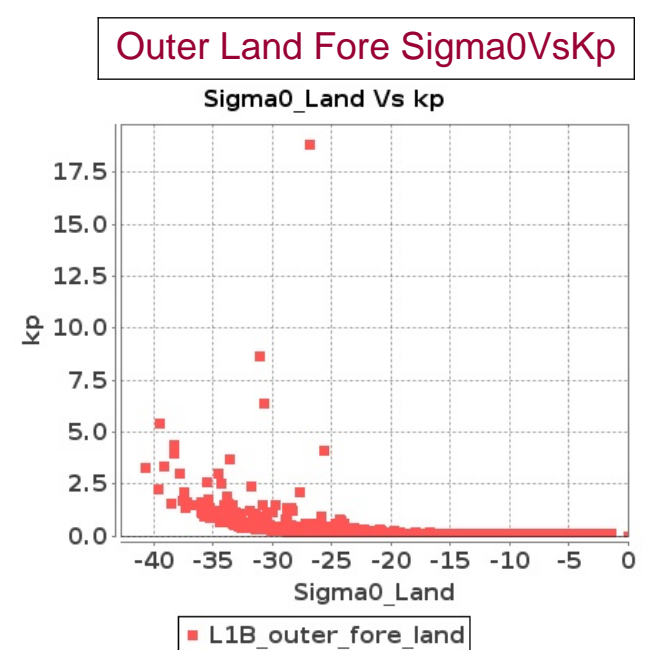
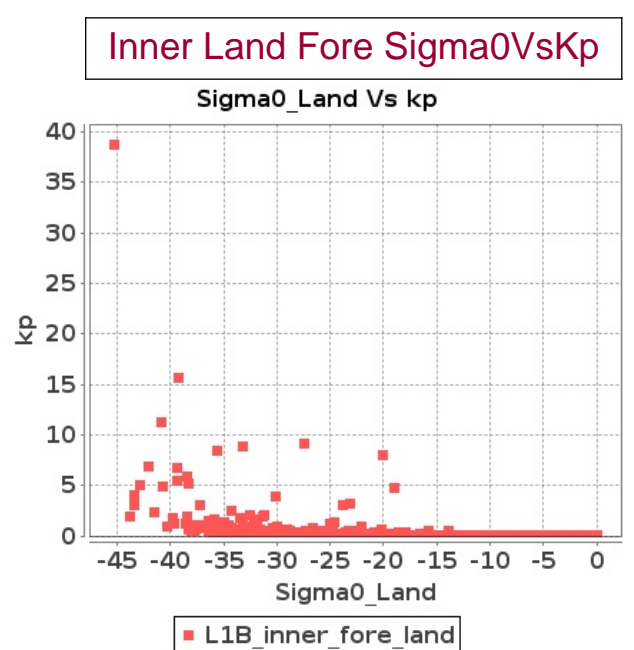
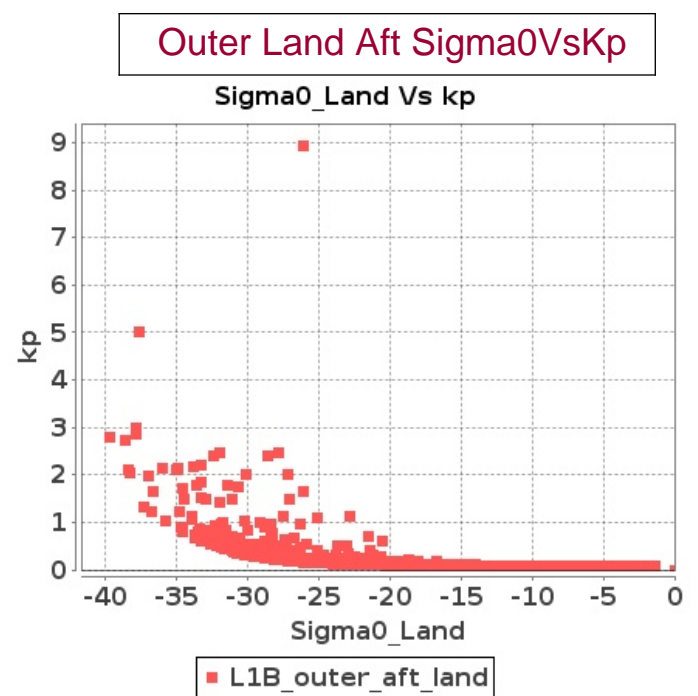
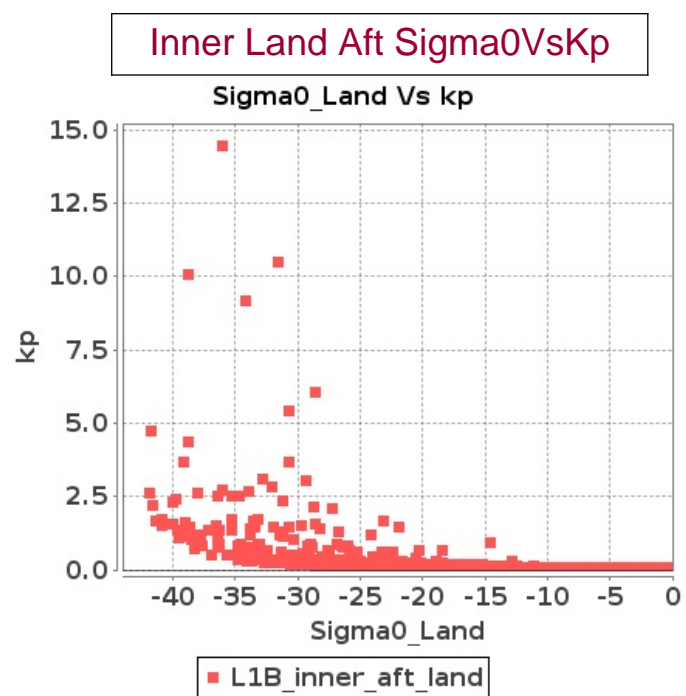
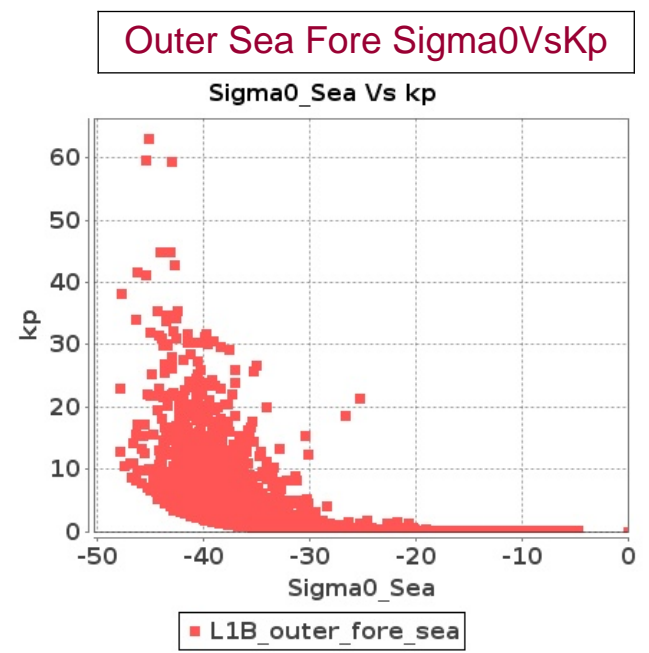
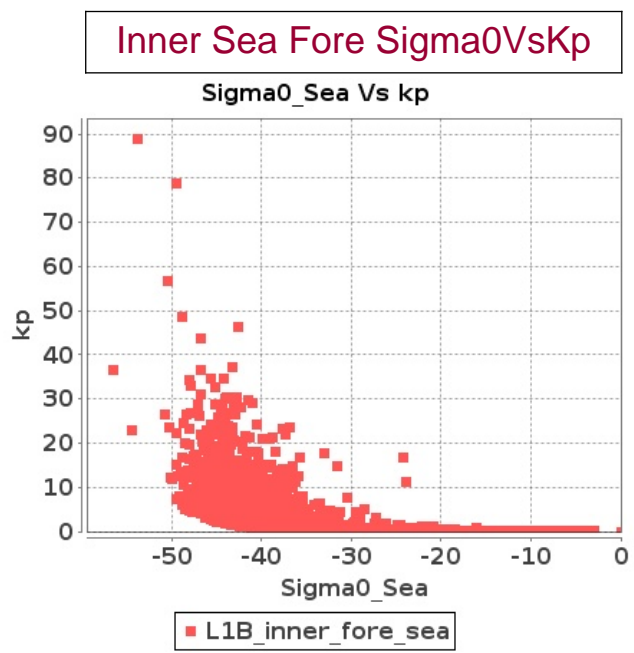
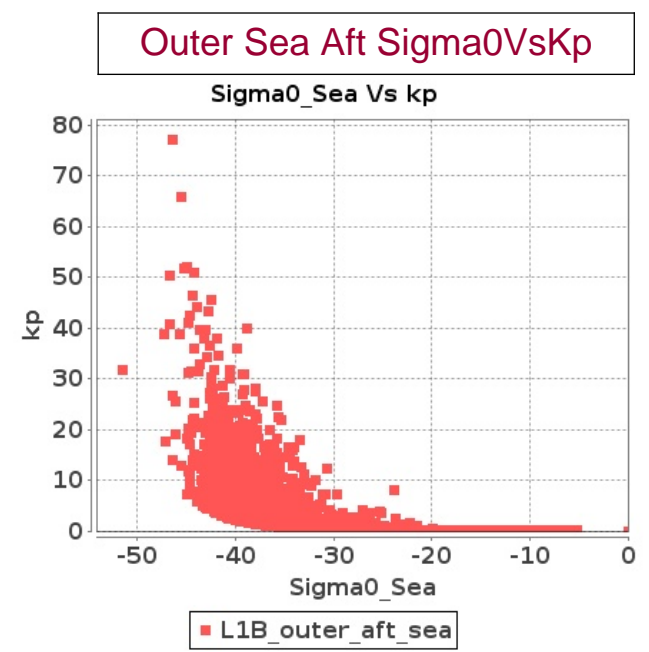
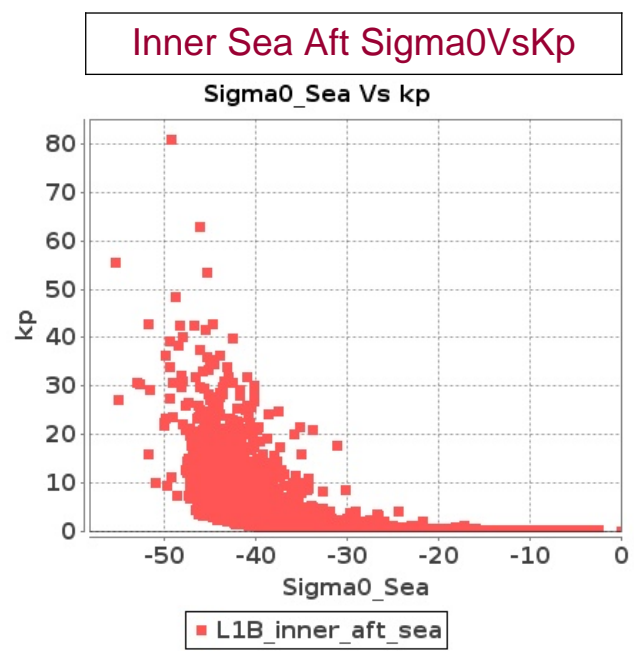


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 08-JUL-2017 To 09-JUL-2017





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

Report between 08-JUL-2017 To 09-JUL-2017

					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	4129	4130	SN	1	48.687	49.478	0.0	0.003	336.867	0.152	1032.392	1097.216	2.162	-92.097	-89.274	0.0
2	4129	4130	SN	1	48.705	49.47	0.0	0.003	7.197	0.161	1032.624	1097.248	2.704	-92.012	-89.273	0.0
3	4129	4130	SN	1	48.687	49.478	0.0	0.003	336.867	0.156	1032.392	1097.24	2.815	-92.097	-89.274	0.0
4	4130	4131	NS	1	48.787	49.458	0.0	0.003	6.033	0.204	1036.208	1096.784	2.34	-91.907	-89.197	0.0
5	4130	4131	SN	1	48.676	49.464	0.0	0.003	2.382	0.159	1032.032	1097.072	1.866	-91.88	-89.354	0.0
6	4130	4131	SN	2	48.676	49.464	0.0	0.003	7.169	0.169	1032.032	1097.104	2.395	-91.88	-89.354	0.0
7	4130	4131	SN	1	48.676	49.464	0.0	0.003	2.382	0.16	1032.032	1097.104	2.408	-91.88	-89.354	0.0
8	4130	4131	NS	1	48.787	49.458	0.0	0.003	6.033	0.204	1036.208	1096.784	2.338	-91.907	-89.197	0.0
9	4131	4132	NS	1	48.781	49.46	0.0	0.003	1.814	0.186	1036.376	1096.968	2.888	-91.968	-89.146	0.0
10	4131	4132	SN	1	48.693	49.485	0.0	0.003	1.82	0.139	1032.04	1097.232	2.063	-91.988	-89.327	0.0
11	4131	4132	NS	1	48.781	49.46	0.0	0.003	1.814	0.186	1036.376	1096.968	2.891	-91.968	-89.146	0.0
12	4131	4132	SN	1	48.693	49.485	0.0	0.003	1.82	0.139	1032.04	1097.304	2.594	-91.985	-89.327	0.0
13	4131	4132	SN	1	48.693	49.485	0.0	0.003	1.82	0.139	1032.04	1097.304	2.612	-91.985	-89.327	0.0
14	4132	4133	SN	1	48.685	49.463	0.0	0.003	1.82	0.14	1031.744	1097.176	1.914	-91.979	-89.357	0.0
15	4132	4133	NS	1	48.788	49.484	0.0	0.003	1.814	0.187	1036.536	1096.904	2.911	-91.951	-89.18	0.0
16	4132	4133	SN	2	48.685	49.463	0.0	0.003	7.136	0.149	1031.744	1097.256	2.409	-91.979	-89.357	0.0
17	4132	4133	SN	1	48.685	49.463	0.0	0.003	1.82	0.14	1031.744	1097.256	2.461	-91.979	-89.357	0.0
18	4132	4133	NS	1	48.788	49.484	0.0	0.003	1.814	0.187	1036.536	1096.904	2.908	-91.951	-89.18	0.0
19	4133	4134	SN	2	48.678	49.462	0.0	0.008	7.103	0.148	1031.592	1097.16	2.183	-91.997	-89.366	0.0
20	4133	4134	NS	1	48.788	49.479	0.0	0.003	1.814	0.194	1036.656	1096.808	2.664	-92.304	-89.198	0.0
21	4133	4134	SN	1	48.678	49.462	0.0	0.008	1.814	0.138	1031.592	1097.088	1.715	-91.997	-89.366	0.0
22	4133	4134	NS	1	48.788	49.479	0.0	0.003	1.814	0.194	1036.656	1096.808	2.662	-92.304	-89.198	0.0
23	4133	4134	SN	1	48.678	49.462	0.0	0.008	1.814	0.14	1031.592	1097.16	2.25	-91.997	-89.366	0.0
24	4134	4135	NS	1	48.745	49.459	0.0	0.003	1.814	0.195	1036.4	1096.696	2.44	-92.117	-89.21	0.0
25	4134	4135	NS	2	48.744	49.46	0.0	0.003	1.814	0.195	1036.392	1096.696	2.436	-92.101	-89.21	0.0
26	4134	4135	SN	1	48.658	49.47	0.0	0.003	1.82	0.14	1031.208	1096.968	1.596	-92.132	-89.367	0.0
27	4134	4135	SN	1	48.658	49.47	0.0	0.003	1.82	0.143	1031.208	1097.024	2.13	-92.132	-89.367	0.0
28	4135	4136	SN	1	48.66	49.461	0.0	0.003	7.363	0.153	1031.352	1096.944	1.965	-92.213	-89.367	0.0
29	4135	4136	SN	1	48.66	49.461	0.0	0.003	1.814	0.145	1031.352	1096.944	2.023	-92.213	-89.367	0.0
30	4135	4136	NS	1	48.749	49.459	0.0	0.003	1.814	0.19	1036.384	1096.632	2.132	-92.087	-89.205	0.0
31	4135	4136	SN	1	48.66	49.461	0.0	0.003	1.814	0.144	1031.352	1096.912	1.527	-92.213	-89.367	0.0
32	4136	4137	SN	1	48.622	49.462	0.0	0.003	1.814	0.147	1030.824	1096.968	1.682	-92.261	-89.339	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	4136	4137	SN	1	48.622	49.462	0.0	0.003	1.814	0.153	1030.824	1096.968	2.281	-92.261	-89.339	0.0
34	4136	4137	NS	1	48.763	49.466	0.0	0.003	1.814	0.188	1036.464	1096.616	2.214	-91.931	-89.218	0.0
35	4136	4137	NS	2	48.763	49.467	0.0	0.003	1.814	0.188	1036.472	1096.624	2.234	-92.134	-89.218	0.0
36	4136	4137	SN	1	48.623	49.462	0.0	0.003	7.329	0.156	1030.824	1096.968	2.147	-92.261	-89.339	0.0
37	4137	4138	SN	2	48.637	49.505	0.0	0.003	1.814	0.14	1031.184	1097.08	2.279	-91.987	-89.306	0.0
38	4137	4138	SN	1	48.637	49.5	0.0	0.003	1.814	0.14	1031.192	1097.072	2.262	-91.987	-89.307	0.0
39	4137	4138	NS	1	48.777	49.499	0.0	0.003	1.814	0.193	1036.096	1096.688	2.452	-92.144	-89.218	0.0
40	4137	4138	NS	2	48.777	49.46	0.0	0.003	1.814	0.192	1035.992	1096.696	2.458	-92.144	-89.218	0.0
41	4138	4139	NS	1	48.768	49.459	0.0	0.003	1.82	0.199	1035.92	1096.592	2.31	-91.977	-89.208	0.0
42	4138	4139	SN	1	48.621	49.461	0.0	0.003	1.814	0.139	1030.92	1096.968	2.107	-91.827	-89.242	0.0
43	4138	4139	NS	1	48.779	49.459	0.0	0.003	1.814	0.2	1036.088	1096.6	2.36	-92.749	-89.208	0.0
44	4139	4140	NS	1	48.789	49.459	0.0	0.003	1.82	0.195	1036.216	1096.488	1.992	-91.945	-89.186	0.0
45	4139	4140	SN	1	48.645	49.461	0.0	0.003	1.814	0.142	1031.168	1096.96	2.005	-91.902	-89.332	0.0
46	4140	4141	NS	1	48.751	49.485	0.0	0.003	1.82	0.194	1036.688	1096.424	1.542	-92.313	-89.219	0.0
47	4140	4141	SN	2	48.64	49.46	0.0	0.003	1.814	0.14	1030.952	1096.992	1.995	-92.042	-89.346	0.0
48	4140	4141	NS	1	48.751	49.485	0.0	0.003	1.82	0.192	1036.688	1096.616	2.11	-92.313	-89.219	0.0
49	4141	4142	SN	2	48.628	49.462	0.0	0.008	1.814	0.14	1030.744	1097.024	2.006	-91.855	-89.333	0.0
50	4141	4142	NS	1	48.741	49.482	0.0	0.003	6.044	0.202	1035.832	1096.656	2.069	-92.242	-89.218	0.0
51	4141	4142	NS	1	48.741	49.482	0.0	0.003	6.044	0.201	1035.832	1096.216	0.507	-92.242	-89.218	0.0
52	4142	4143	NS	1	48.757	49.461	0.0	0.003	1.814	0.189	1036.536	1096.664	2.302	-92.121	-89.218	0.0
53	4142	4143	NS	1	48.757	49.461	0.0	0.003	1.814	0.187	1036.536	1095.712	0.004	-92.121	-89.218	0.0
54	4142	4143	SN	1	48.612	49.461	0.0	0.003	1.814	0.136	1030.472	1097.0	2.086	-92.39	-89.357	0.0
55	4143	4144	SN	1	48.622	49.473	0.0	0.003	1.82	0.153	1030.696	1097.088	2.469	-92.058	-89.359	0.0
56	4143	4144	NS	1	48.746	49.461	0.0	0.003	1.792	0.182	1036.024	1091.936	0.0	-92.36	-89.217	0.0
57	4143	4144	SN	1	48.622	49.473	0.0	0.003	1.82	0.147	1030.696	1097.08	1.853	-92.058	-89.359	0.0
58	4143	4144	NS	1	48.746	49.461	0.0	0.003	1.814	0.19	1036.024	1096.728	2.381	-92.36	-89.217	0.0
59	4144	4145	NS	2	48.74	49.459	0.0	0.003	1.814	0.198	1036.264	1096.528	2.116	-92.159	-89.218	0.0
60	4144	4145	SN	1	48.642	49.469	0.0	0.003	1.82	0.149	1031.024	1096.872	2.057	-91.927	-89.35	0.0
61	4144	4145	SN	1	48.642	49.469	0.0	0.003	1.82	0.147	1031.024	1096.816	1.532	-91.927	-89.35	0.0
62	4144	4145	SN	1	48.642	49.469	0.0	0.003	7.109	0.157	1031.024	1096.872	2.006	-91.927	-89.35	0.0
63	4144	4145	NS	1	48.74	49.459	0.0	0.003	1.814	0.199	1036.264	1096.528	2.118	-92.159	-89.218	0.0
64	4145	4146	NS	1	48.791	49.461	0.0	0.003	1.814	0.184	1036.896	1096.688	2.443	-91.997	-89.159	0.0
65	4145	4146	NS	1	48.791	49.461	0.0	0.003	1.814	0.184	1036.896	1096.688	2.441	-91.997	-89.159	0.0
66	4145	4146	SN	1	48.629	49.46	0.0	0.003	1.82	0.139	1030.64	1097.056	2.101	-91.804	-89.317	0.0
67	4145	4146	SN	1	48.629	49.46	0.0	0.003	1.82	0.138	1030.64	1097.056	2.099	-91.804	-89.317	0.0
68	4145	4146	SN	1	48.629	49.46	0.0	0.003	1.82	0.138	1030.64	1096.984	1.6	-91.828	-89.317	0.0
69	4146	4147	SN	2	48.625	49.46	0.0	0.003	1.82	0.137	1030.392	1097.112	2.174	-91.969	-89.354	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	4146	4147	NS	1	48.791	49.462	0.0	0.003	1.814	0.188	1037.056	1096.76	2.781	-92.008	-89.154	0.0
71	4146	4147	SN	1	48.625	49.46	0.0	0.003	1.82	0.137	1030.392	1097.112	2.174	-91.969	-89.354	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	4129	4130	SN	1	-34.728	22.781	0.011	-34.575	24.152	0.216	-13.598	32.76	6.991	-11.809	30.786	13.869	0.103	250.963	2.346	0.103	242.253	2.169	0.102	2.014	0.002	0.103	1.362	0.002
2	4129	4130	SN	1	-34.674	22.778	0.011	-34.878	24.152	0.215	-13.589	32.756	7.173	-11.775	30.787	14.436	0.103	247.858	2.343	0.103	259.764	2.167	0.102	2.01	0.002	0.103	1.353	0.002
3	4129	4130	SN	1	-34.728	22.781	0.011	-34.575	24.152	0.239	-13.598	32.76	7.251	-11.809	30.786	14.453	0.103	250.963	2.443	0.103	242.253	2.405	0.102	2.014	0.002	0.103	1.362	0.002
4	4130	4131	NS	1	-34.786	27.344	0.026	-33.856	28.863	0.042	5.467	30.651	10.301	4.134	36.383	30.059	0.103	254.288	2.608	0.103	205.295	2.194	0.103	0.122	0.0	0.102	0.13	0.0
5	4130	4131	SN	1	-34.778	24.638	0.073	-34.849	26.391	0.213	-28.718	30.278	8.796	-27.3	30.335	9.833	0.103	253.826	3.258	0.103	257.967	2.674	0.103	62.938	0.081	0.103	45.427	0.064
6	4130	4131	SN	2	-34.778	24.638	0.073	-34.849	26.391	0.213	-28.718	30.278	9.121	-27.3	30.335	10.518	0.103	253.826	3.258	0.103	257.967	2.674	0.103	62.938	0.079	0.103	45.427	0.062
7	4130	4131	SN	1	-34.778	24.638	0.075	-34.849	26.391	0.219	-28.718	30.278	9.042	-27.3	30.335	10.433	0.103	253.826	3.357	0.103	257.967	2.751	0.103	62.938	0.079	0.103	45.427	0.062
8	4130	4131	NS	1	-34.786	27.344	0.026	-33.856	28.863	0.042	5.467	30.651	10.301	4.134	36.383	30.024	0.103	254.288	2.603	0.103	205.295	2.193	0.103	0.122	0.0	0.102	0.13	0.0
9	4131	4132	NS	1	-34.773	22.557	0.006	-34.156	22.621	0.011	-17.569	28.934	6.19	-18.339	31.191	19.764	0.103	253.51	1.692	0.103	219.982	1.228	0.103	4.906	0.005	0.103	5.842	0.017
10	4131	4132	SN	1	-34.974	23.29	0.002	-34.963	24.356	0.014	-28.706	30.892	7.962	-27.173	29.78	6.139	0.103	265.528	3.624	0.103	264.914	2.815	0.103	62.756	0.073	0.103	44.117	0.079
11	4131	4132	NS	1	-34.773	22.557	0.006	-34.156	22.621	0.011	-17.569	28.934	6.204	-18.339	31.191	19.808	0.103	253.51	1.692	0.103	219.982	1.228	0.103	4.906	0.005	0.103	5.842	0.017
12	4131	4132	SN	1	-34.974	23.29	0.002	-34.963	24.356	0.014	-28.706	30.892	9.265	-27.173	29.78	7.399	0.103	265.528	3.685	0.103	264.914	2.85	0.103	62.756	0.071	0.103	44.117	0.076
13	4131	4132	SN	1	-34.974	23.29	0.002	-34.963	24.356	0.014	-28.706	30.892	9.265	-27.173	29.78	7.414	0.103	265.528	3.683	0.103	264.914	2.848	0.103	62.756	0.07	0.103	44.117	0.076
14	4132	4133	SN	1	-34.824	23.08	0.011	-34.987	25.159	0.074	4.516	28.3	8.458	4.917	28.465	4.923	0.103	256.548	3.792	0.103	266.315	2.852	0.103	0.127	0.0	0.103	0.125	0.0
15	4132	4133	NS	1	-34.717	22.662	0.001	-34.55	24.27	0.001	-21.109	27.78	5.494	-14.549	29.724	15.753	0.103	250.27	0.962	0.103	240.843	0.684	0.103	10.979	0.007	0.103	2.488	0.007
16	4132	4133	SN	2	-34.824	23.08	0.011	-34.987	25.159	0.074	4.514	28.3	9.663	4.917	28.465	5.938	0.103	256.548	3.783	0.103	266.315	2.844	0.103	0.127	0.0	0.103	0.125	0.0
17	4132	4133	SN	1	-34.824	23.08	0.011	-34.987	25.159	0.075	7.103	28.3	9.704	4.917	28.465	5.942	0.103	256.548	3.848	0.103	266.315	2.89	0.103	0.116	0.0	0.103	0.125	0.0
18	4132	4133	NS	1	-34.717	22.662	0.001	-34.55	24.27	0.001	-21.109	27.78	5.48	-14.549	29.724	15.717	0.103	250.27	0.962	0.103	240.843	0.684	0.103	10.979	0.007	0.103	2.488	0.007
19	4133	4134	SN	2	-34.908	23.462	0.019	-34.351	25.073	0.065	1.127	28.355	15.508	4.898	28.634	18.751	0.103	261.489	3.579	0.103	230.035	2.913	0.103	0.159	0.0	0.103	0.125	0.0
20	4133	4134	NS	1	-34.645	20.35	0.0	-30.657	21.32	0.0	-2.651	29.639	4.149	-6.892	31.476	11.54	0.103	246.111	1.494	0.103	98.317	1.032	0.103	0.244	0.0	0.103	0.497	0.0
21	4133	4134	SN	1	-34.908	23.462	0.019	-34.351	25.073	0.065	1.127	28.355	13.924	4.898	28.634	20.263	0.103	261.489	3.589	0.103	230.035	2.916	0.103	0.159	0.0	0.103	0.125	0.0
22	4133	4134	NS	1	-34.645	20.35	0.0	-30.657	21.32	0.0	-2.651	29.639	4.142	-6.892	31.476	11.532	0.103	246.111	1.494	0.103	98.317	1.032	0.103	0.244	0.0	0.103	0.497	0.0
23	4133	4134	SN	1	-34.908	23.462	0.02	-34.351	25.073	0.066	6.058	28.355	15.57	4.898	28.634	19.185	0.103	261.489	3.682	0.103	230.035	2.978	0.103	0.12	0.0	0.103	0.125	0.0
24	4134	4135	NS	1	-34.939	19.426	0.0	-34.982	21.375	0.0	-4.498	27.275	4.276	-9.246	29.154	14.037	0.103	263.422	6.454	0.103	266.06	5.801	0.103	0.324	0.0	0.103	0.792	0.0
25	4134	4135	NS	2	-34.982	19.424	0.0	-34.649	21.375	0.0	-4.492	27.277	4.287	-9.245	29.154	14.034	0.103	265.984	6.46	0.103	246.378	5.806	0.103	0.324	0.0	0.103	0.792	0.0
26	4134	4135	SN	1	-34.897	22.797	0.001	-34.936	24.684	0.071	6.349	27.441	14.488	8.812	29.262	14.657	0.103	260.82	6.079	0.103	263.223	5.169	0.103	0.118	0.0	0.103	0.111	0.0
27	4134	4135	SN	1	-34.897	22.797	0.001	-34.936	24.684	0.074	6.349	27.441	14.655	8.812	29.262	17.77	0.103	260.82	6.279	0.103	263.223	5.362	0.103	0.118	0.0	0.103	0.111	0.0
28	4135	4136	SN	1	-34.996	23.931	0.002	-34.894	24.469	0.011	6.892	27.297	9.645	4.827	29.328	11.163	0.103	266.883	6.286	0.103	260.632	5.387	0.103	0.116	0.0	0.103	0.125	0.0
29	4135	4136	SN	1	-34.996	23.931	0.002	-34.894	24.469	0.011	6.892	27.297	9.679	4.827	29.328	11.149	0.103	266.883	6.411	0.103	260.632	5.546	0.103	0.116	0.0	0.103	0.125	0.0
30	4135	4136	NS	1	-34.877	25.523	0.199	-34.868	25.568	0.286	-6.672	28.573	7.308	-8.118	29.587	16.87	0.103	259.642	2.449	0.103	259.095	1.904	0.103	0.477	0.0	0.103	0.631	0.0
31	4135	4136	SN	1	-34.996	23.931	0.002	-34.894	24.469	0.011	6.892	27.297	9.563	4.827	29.328	9.199	0.103	266.883	6.286	0.103	260.632	5.389	0.103	0.116	0.0	0.103	0.125	0.0
32	4136	4137	SN	1	-34.386	23.184	0.008	-34.877	24.865	0.035	-22.946	33.117	10.47	-22.738	31.921	12.361	0.103	231.897	6.789	0.103	259.688	5.601	0.102	16.72	0.009	0.102	15.941	0.003
33	4136	4137	SN	1	-34.386	23.184	0.009	-34.877	24.865	0.039	-22.946	33.117	10.441	-22.738	31.921	13.258	0.103	231.897	7.028	0.103	259.688	6.172	0.102	16.72	0.009	0.102	15.941	0.003

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

<span style="background-color: green; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Normal	<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Deviations
<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Alarming	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> High Errors

34	4136	4137	NS	1	-34.51	24.505	0.083	-33.877	26.937	0.235	5.331	28.092	9.106	6.08	30.312	18.484	0.103	238.601	3.881	0.103	206.322	3.399	0.103	0.123	0.0	0.103	0.119	0.0
35	4136	4137	NS	2	-34.929	24.505	0.083	-33.972	26.937	0.235	5.33	28.092	9.106	6.08	30.312	18.484	0.103	262.776	3.882	0.103	210.79	3.398	0.103	0.123	0.0	0.103	0.119	0.0
36	4136	4137	SN	1	-34.589	23.184	0.008	-34.974	24.865	0.035	-22.936	33.117	10.241	-22.745	31.921	13.257	0.103	243.014	6.786	0.103	265.522	5.558	0.102	16.684	0.009	0.102	15.971	0.003
37	4137	4138	SN	2	-34.359	25.639	0.044	-33.715	26.626	0.095	-7.656	29.709	12.321	-6.482	30.168	18.066	0.103	230.467	2.997	0.103	198.728	2.357	0.103	0.576	0.0	0.103	0.46	0.0
38	4137	4138	SN	1	-34.215	25.639	0.044	-33.365	26.626	0.095	-7.656	29.706	12.321	-6.482	30.168	18.063	0.103	222.942	2.997	0.103	183.347	2.36	0.103	0.576	0.0	0.103	0.46	0.0
39	4137	4138	NS	1	-33.695	23.151	0.018	-34.878	24.56	0.099	-5.832	28.012	11.719	0.398	30.021	35.399	0.103	197.792	2.377	0.103	259.772	2.015	0.103	0.408	0.0	0.103	0.17	0.0
40	4137	4138	NS	2	-33.922	23.151	0.018	-33.088	24.56	0.099	-5.85	28.012	11.717	0.399	30.02	35.401	0.103	208.475	2.376	0.103	172.065	2.011	0.103	0.41	0.0	0.103	0.17	0.0
41	4138	4139	NS	1	-34.685	24.285	0.021	-34.623	24.707	0.099	-32.25	27.897	10.451	-18.587	29.879	29.795	0.103	248.476	2.287	0.103	244.939	1.728	0.103	141.864	0.082	0.103	6.179	0.018
42	4138	4139	SN	1	-34.864	24.065	0.053	-34.745	26.03	0.092	-2.934	28.802	12.911	-10.355	30.301	14.024	0.103	258.884	4.116	0.103	251.933	3.303	0.103	0.254	0.0	0.103	0.998	0.0
43	4138	4139	NS	1	-33.129	24.285	0.021	-33.833	24.707	0.099	-32.233	27.899	10.434	-18.483	29.879	29.854	0.103	173.666	2.283	0.103	204.204	1.724	0.103	141.309	0.082	0.103	6.036	0.018
44	4139	4140	NS	1	-34.583	23.032	0.002	-34.98	24.793	0.018	-20.001	27.692	11.707	-19.682	32.105	21.807	0.103	242.633	1.934	0.103	265.9	2.046	0.103	8.527	0.003	0.102	7.929	0.002
45	4139	4140	SN	1	-34.366	26.833	0.02	-34.422	29.338	0.031	-17.192	31.409	14.834	-5.471	31.305	18.041	0.103	230.855	2.399	0.103	233.817	2.114	0.103	4.503	0.002	0.103	0.383	0.0
46	4140	4141	NS	1	-34.963	23.207	0.001	-34.977	23.768	0.052	-20.623	27.749	15.977	-21.209	30.137	30.39	0.103	275.737	4.05	0.103	265.78	3.688	0.103	9.826	0.056	0.103	11.235	0.034
47	4140	4141	SN	2	-34.69	21.688	0.0	-34.895	22.905	0.004	-25.299	29.093	11.619	-16.715	30.017	14.635	0.103	248.704	3.654	0.103	260.734	2.852	0.103	28.694	0.02	0.103	4.044	0.011
48	4140	4141	NS	1	-34.963	23.207	0.001	-34.977	23.768	0.052	-20.623	27.75	19.288	-21.209	30.137	33.6	0.103	275.737	4.049	0.103	265.78	3.688	0.103	9.826	0.051	0.103	11.235	0.032
49	4141	4142	SN	2	-34.671	22.668	0.001	-34.982	25.082	0.001	-16.008	28.173	18.161	-21.964	29.59	23.295	0.103	247.646	4.712	0.103	266.059	4.029	0.103	3.448	0.006	0.103	13.355	0.018
50	4141	4142	NS	1	-34.513	22.548	0.003	-34.81	22.859	0.003	6.017	27.339	19.889	8.235	30.012	37.226	0.103	238.834	5.127	0.103	255.677	4.21	0.103	0.12	0.0	0.103	0.113	0.0
51	4141	4142	NS	1	-34.513	22.548	0.003	-34.81	22.859	0.003	6.017	27.201	8.824	8.235	30.012	31.745	0.103	238.834	5.132	0.103	255.677	4.21	0.103	0.12	0.0	0.103	0.113	0.0
52	4142	4143	NS	1	-34.79	22.958	0.003	-34.908	24.429	0.023	6.676	28.035	26.667	7.537	29.96	40.827	0.103	254.552	3.856	0.103	261.484	2.726	0.103	0.117	0.0	0.103	0.114	0.0
53	4142	4143	NS	1	-34.79	22.958	0.003	-34.908	24.429	0.023	6.676	27.625	5.589	7.537	29.908	28.551	0.103	254.552	3.856	0.103	261.484	2.726	0.103	0.117	0.0	0.103	0.114	0.0
54	4142	4143	SN	1	-34.928	18.589	0.0	-34.824	19.203	0.0	5.178	27.709	34.325	6.337	29.774	52.443	0.103	262.734	3.09	0.103	256.502	2.263	0.103	0.124	0.0	0.103	0.118	0.0
55	4143	4144	SN	1	-34.108	21.163	0.0	-34.786	22.758	0.003	7.5	27.637	11.465	9.521	30.195	14.079	0.103	217.515	2.275	0.103	254.223	2.271	0.103	0.115	0.0	0.103	0.11	0.0
56	4143	4144	NS	1	-34.589	17.031	0.0	-34.954	25.241	0.044	4.835	24.314	3.203	5.808	26.609	8.661	0.104	243.02	6.443	0.103	264.364	4.965	0.103	0.125	0.0	0.103	0.121	0.0
57	4143	4144	SN	1	-34.215	21.163	0.0	-34.786	22.758	0.003	7.5	27.637	11.23	9.521	30.195	12.478	0.103	222.923	2.57	0.103	254.223	2.09	0.103	0.115	0.0	0.103	0.11	0.0
58	4143	4144	NS	1	-34.589	23.97	0.033	-34.954	25.241	0.044	4.835	28.473	13.732	5.808	29.361	27.214	0.103	243.02	6.134	0.103	264.364	4.943	0.103	0.125	0.0	0.103	0.121	0.0
59	4144	4145	NS	2	-34.801	28.103	0.028	-34.205	28.532	0.041	0.588	29.157	12.869	1.131	31.63	28.015	0.103	255.161	5.334	0.103	222.487	4.204	0.103	0.167	0.0	0.102	0.159	0.0
60	4144	4145	SN	1	-34.566	24.349	0.138	-33.647	26.18	0.269	-28.229	28.79	7.765	-34.171	29.969	18.275	0.103	241.709	2.279	0.103	195.648	1.545	0.103	56.252	0.087	0.103	220.748	0.088
61	4144	4145	SN	1	-34.566	24.349	0.13	-33.647	26.18	0.253	-28.229	28.79	7.79	-34.171	29.969	17.915	0.103	241.709	2.138	0.103	195.648	1.449	0.103	56.252	0.089	0.103	220.748	0.09
62	4144	4145	SN	1	-34.566	24.349	0.13	-33.647	26.18	0.252	-28.229	28.79	7.837	-34.171	29.969	18.304	0.103	241.709	2.138	0.103	195.648	1.447	0.103	56.252	0.087	0.103	220.748	0.088
63	4144	4145	NS	1	-34.801	28.103	0.028	-34.205	28.532	0.041	0.588	29.157	12.874	1.131	31.63	28.087	0.103	255.161	5.339	0.103	222.487	4.204	0.103	0.167	0.0	0.102	0.159	0.0
64	4145	4146	NS	1	-34.883	27.232	0.026	-32.576	28.457	0.061	-10.451	29.703	6.954	-12.656	35.529	26.336	0.103	260.048	1.521	0.103	152.902	1.648	0.103	1.019	0.002	0.102	1.638	0.001
65	4145	4146	NS	1	-34.883	27.232	0.026	-32.576	28.457	0.061	-10.451	29.703	6.938	-12.656	35.529	26.283	0.103	260.048	1.521	0.103	152.902	1.648	0.103	1.019	0.002	0.102	1.638	0.001
66	4145	4146	SN	1	-34.912	24.791	0.141	-34.752	26.251	0.262	-29.244	32.175	7.518	-27.306	34.164	5.937	0.103	261.769	2.848	0.103	252.291	2.755	0.102	71.049	0.021	0.102	45.491	0.013
67	4145	4146	SN	1	-34.912	24.791	0.141	-34.752	26.251	0.268	-29.244	32.175	7.53	-27.306	34.164	5.937	0.103	261.769	2.845	0.103	252.291	2.751	0.102	71.049	0.021	0.102	45.491	0.013
68	4145	4146	SN	1	-34.912	24.791	0.138	-34.752	26.251	0.263	-29.244	32.175	6.705	-27.306	34.164	4.813	0.103	261.769	2.786	0.103	252.291	2.703	0.102	71.049	0.022	0.102	45.491	0.014
69	4146	4147	SN	2	-34.775	23.694	0.02	-34.739	24.912	0.077	7.489	28.304	11.575	8.464	29.389	8.424	0.103	253.657	3.716	0.103	251.566	2.917	0.103	0.115	0.0	0.103	0.112	0.0
70	4146	4147	NS	1	-34.886	21.211	0.0	-34.99	23.346	0.022	-12.518	28.332	5.578	-14.512	29.065	16.637	0.103	260.256	3.677	0.103	266.471	2.721	0.103	1.589	0.003	0.103	2.467	0.002
71	4146	4147	SN	1	-34.775	23.694	0.02	-34.739	24.912	0.077	7.489	28.304	11.575	8.464	29.389	8.424	0.103	253.657	3.716	0.103	251.566	2.917	0.103	0.115	0.0	0.103	0.112	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	4129	4130	SN	1	57.487	58.392	0.0	0.003	1.98	0.216	1209.928	1291.392	13.048	-93.453	-91.776	0.0
2	4129	4130	SN	1	57.488	58.394	0.0	0.003	11.217	0.224	1209.944	1291.44	14.096	-93.518	-91.776	0.0
3	4129	4130	SN	1	57.487	58.392	0.0	0.003	1.98	0.226	1209.928	1291.432	14.719	-93.453	-91.776	0.0
4	4130	4131	NS	1	57.589	58.384	0.0	0.003	28.921	0.198	1214.568	1290.688	14.726	-93.669	-91.597	0.0
5	4130	4131	SN	1	57.478	58.391	0.0	0.003	3.315	0.228	1209.568	1291.192	12.514	-93.501	-91.842	0.0
6	4130	4131	SN	2	57.478	58.391	0.0	0.003	11.096	0.237	1209.568	1291.24	13.568	-93.501	-91.842	0.0
7	4130	4131	SN	1	57.478	58.391	0.0	0.003	3.315	0.234	1209.568	1291.24	13.729	-93.501	-91.842	0.0
8	4130	4131	NS	1	57.589	58.384	0.0	0.003	28.921	0.198	1214.568	1290.688	14.712	-93.669	-91.597	0.0
9	4131	4132	NS	1	57.588	58.388	0.0	0.003	1.98	0.15	1214.936	1290.904	14.094	-93.769	-91.545	0.0
10	4131	4132	SN	1	57.473	58.392	0.0	0.003	1.985	0.199	1209.0	1291.44	11.716	-93.675	-91.815	0.0
11	4131	4132	NS	1	57.588	58.388	0.0	0.003	1.98	0.151	1214.936	1290.904	14.108	-93.769	-91.545	0.0
12	4131	4132	SN	1	57.473	58.392	0.0	0.003	1.985	0.203	1209.0	1291.48	12.719	-93.675	-91.815	0.0
13	4131	4132	SN	1	57.473	58.392	0.0	0.003	1.985	0.203	1209.0	1291.48	12.801	-93.675	-91.815	0.0
14	4132	4133	SN	1	57.465	58.39	0.0	0.003	1.985	0.198	1208.768	1291.328	11.775	-93.487	-91.845	0.0
15	4132	4133	NS	1	57.589	58.389	0.0	0.003	1.98	0.153	1215.312	1290.816	13.998	-93.818	-91.579	0.0
16	4132	4133	SN	2	57.465	58.39	0.0	0.003	10.914	0.206	1208.768	1291.416	12.812	-93.487	-91.845	0.0
17	4132	4133	SN	1	57.465	58.39	0.0	0.003	1.985	0.203	1208.768	1291.416	12.922	-93.487	-91.845	0.0
18	4132	4133	NS	1	57.589	58.389	0.0	0.003	1.98	0.153	1215.312	1290.816	13.983	-93.818	-91.579	0.0
19	4133	4134	SN	2	57.432	58.39	0.0	0.003	10.787	0.209	1207.976	1291.32	12.654	-93.802	-91.852	0.0
20	4133	4134	NS	1	57.59	58.389	0.0	0.003	1.985	0.156	1215.376	1290.72	15.194	-93.678	-91.598	0.0
21	4133	4134	SN	1	57.432	58.39	0.0	0.003	1.985	0.2	1207.976	1291.256	11.736	-93.802	-91.852	0.0
22	4133	4134	NS	1	57.59	58.389	0.0	0.003	1.985	0.156	1215.376	1290.72	15.181	-93.678	-91.598	0.0
23	4133	4134	SN	1	57.432	58.39	0.0	0.003	1.985	0.206	1207.976	1291.32	12.9	-93.802	-91.852	0.0
24	4134	4135	NS	1	57.572	58.386	0.0	0.003	1.985	0.161	1215.456	1290.576	15.09	-93.668	-91.607	0.0
25	4134	4135	NS	2	57.586	58.388	0.0	0.003	1.985	0.161	1215.296	1290.568	15.08	-93.663	-91.607	0.0
26	4134	4135	SN	1	57.442	58.389	0.0	0.003	1.985	0.198	1208.048	1291.088	12.048	-93.54	-91.852	0.0
27	4134	4135	SN	1	57.442	58.389	0.0	0.003	1.985	0.208	1208.048	1291.128	13.259	-93.54	-91.852	0.0
28	4135	4136	SN	1	57.415	58.401	0.0	0.003	12.144	0.217	1207.496	1291.048	12.898	-93.609	-91.85	0.0
29	4135	4136	SN	1	57.415	58.401	0.0	0.003	1.985	0.214	1207.496	1291.048	13.186	-93.609	-91.85	0.0
30	4135	4136	NS	1	57.582	58.387	0.0	0.003	1.985	0.156	1215.048	1290.504	13.165	-93.623	-91.6	0.0
31	4135	4136	SN	1	57.415	58.401	0.0	0.003	1.985	0.207	1207.496	1291.048	12.072	-93.609	-91.85	0.0
32	4136	4137	SN	1	57.435	58.41	0.0	0.003	1.985	0.215	1208.216	1291.096	12.666	-93.482	-91.844	0.0
33	4136	4137	SN	1	57.435	58.41	0.0	0.003	1.985	0.229	1208.216	1291.096	14.371	-93.482	-91.844	0.0
34	4136	4137	NS	1	57.563	58.387	0.0	0.003	1.985	0.153	1214.776	1290.456	13.735	-93.626	-91.617	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	4136	4137	NS	2	57.563	58.387	0.0	0.003	1.985	0.153	1214.6	1290.464	13.739	-93.745	-91.617	0.0
36	4136	4137	SN	1	57.407	58.41	0.0	0.003	11.968	0.225	1207.576	1291.088	13.608	-93.549	-91.844	0.0
37	4137	4138	SN	2	57.413	58.398	0.0	0.003	1.985	0.209	1207.768	1291.24	12.562	-93.509	-91.789	0.0
38	4137	4138	SN	1	57.413	58.398	0.0	0.003	1.985	0.209	1207.776	1291.232	12.56	-93.569	-91.789	0.0
39	4137	4138	NS	1	57.591	58.388	0.0	0.003	1.985	0.158	1214.672	1290.544	14.488	-93.654	-91.618	0.0
40	4137	4138	NS	2	57.568	58.387	0.0	0.003	1.985	0.158	1215.008	1290.552	14.494	-93.654	-91.618	0.0
41	4138	4139	NS	1	57.573	58.386	0.0	0.003	1.985	0.161	1214.944	1290.416	15.334	-93.628	-91.611	0.0
42	4138	4139	SN	1	57.395	58.388	0.0	0.003	1.985	0.204	1207.336	1291.08	12.965	-93.449	-91.732	0.0
43	4138	4139	NS	1	57.582	58.415	0.0	0.003	1.985	0.161	1214.832	1290.424	15.434	-93.628	-91.611	0.0
44	4139	4140	NS	1	57.591	58.387	0.0	0.003	1.991	0.156	1215.344	1290.288	14.986	-93.709	-91.588	0.0
45	4139	4140	SN	1	57.422	58.388	0.0	0.003	1.98	0.211	1207.8	1291.12	13.564	-93.51	-91.815	0.0
46	4140	4141	NS	1	57.571	58.389	0.0	0.003	1.985	0.148	1215.56	1290.192	13.349	-93.813	-91.62	0.0
47	4140	4141	SN	2	57.415	58.387	0.0	0.003	1.98	0.209	1207.512	1291.144	13.59	-93.675	-91.838	0.0
48	4140	4141	NS	1	57.571	58.389	0.0	0.003	1.985	0.152	1215.56	1290.472	14.687	-93.813	-91.62	0.0
49	4141	4142	SN	2	57.402	58.389	0.0	0.003	1.98	0.204	1207.184	1291.176	13.463	-93.379	-91.811	0.0
50	4141	4142	NS	1	57.561	58.407	0.0	0.003	29.152	0.196	1214.744	1290.536	14.652	-93.921	-91.618	0.0
51	4141	4142	NS	1	57.561	58.407	0.0	0.003	29.152	0.188	1214.744	1290.08	10.649	-93.921	-91.618	0.0
52	4142	4143	NS	1	57.585	58.388	0.0	0.003	1.98	0.156	1214.696	1290.52	14.375	-93.765	-91.617	0.0
53	4142	4143	NS	1	57.585	58.388	0.0	0.003	1.98	0.143	1214.696	1289.584	7.702	-93.765	-91.617	0.0
54	4142	4143	SN	1	57.385	58.388	0.0	0.003	1.985	0.204	1206.752	1291.112	13.296	-93.69	-91.844	0.0
55	4143	4144	SN	1	57.402	58.389	0.0	0.003	1.985	0.226	1207.272	1291.232	14.943	-93.451	-91.846	0.0
56	4143	4144	NS	1	57.559	58.387	0.0	0.003	1.952	0.132	1214.56	1285.456	1.755	-93.674	-91.617	0.0
57	4143	4144	SN	1	57.402	58.389	0.0	0.003	1.985	0.212	1207.272	1291.216	13.058	-93.451	-91.846	0.0
58	4143	4144	NS	1	57.559	58.387	0.0	0.003	1.98	0.155	1214.56	1290.592	14.799	-93.674	-91.617	0.0
59	4144	4145	NS	2	57.559	58.387	0.0	0.003	1.985	0.162	1214.928	1290.336	15.299	-93.623	-91.619	0.0
60	4144	4145	SN	1	57.418	58.387	0.0	0.003	1.985	0.222	1207.608	1290.944	14.013	-93.551	-91.824	0.0
61	4144	4145	SN	1	57.418	58.387	0.0	0.003	1.985	0.215	1207.608	1290.864	12.608	-93.551	-91.824	0.0
62	4144	4145	SN	1	57.418	58.387	0.0	0.003	10.87	0.224	1207.608	1290.944	13.744	-93.551	-91.824	0.0
63	4144	4145	NS	1	57.559	58.387	0.0	0.003	1.985	0.162	1214.928	1290.336	15.318	-93.623	-91.619	0.0
64	4145	4146	NS	1	57.592	58.41	0.0	0.003	1.98	0.151	1215.776	1290.544	14.29	-93.723	-91.56	0.0
65	4145	4146	NS	1	57.592	58.41	0.0	0.003	1.98	0.151	1215.776	1290.544	14.276	-93.723	-91.56	0.0
66	4145	4146	SN	1	57.404	58.402	0.0	0.003	1.985	0.206	1207.08	1291.184	13.125	-93.466	-91.801	0.0
67	4145	4146	SN	1	57.404	58.402	0.0	0.003	1.985	0.206	1207.08	1291.184	13.181	-93.466	-91.801	0.0
68	4145	4146	SN	1	57.404	58.402	0.0	0.003	1.985	0.202	1207.08	1291.088	12.058	-93.466	-91.801	0.0
69	4146	4147	SN	2	57.386	58.388	0.0	0.003	1.985	0.201	1206.328	1291.232	12.75	-93.597	-91.84	0.0
70	4146	4147	NS	1	57.593	58.395	0.0	0.003	1.985	0.152	1215.936	1290.616	14.418	-93.693	-91.551	0.0
71	4146	4147	SN	1	57.386	58.388	0.0	0.003	1.985	0.201	1206.328	1291.232	12.75	-93.597	-91.84	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	4129	4130	SN	1	-34.991	19.457	0.0	-34.915	19.479	0.0	-14.254	22.752	0.02	-10.816	23.31	0.034	0.083	217.656	2.093	0.083	213.951	1.927	0.083	1.9	0.003	0.083	0.897	0.0
2	4129	4130	SN	1	-34.425	19.457	0.0	-34.714	19.479	0.0	-14.243	22.752	0.02	-10.821	23.312	0.045	0.083	191.085	2.095	0.083	204.205	1.933	0.083	1.896	0.003	0.083	0.898	0.0
3	4129	4130	SN	1	-34.991	19.457	0.0	-34.883	19.479	0.0	-14.254	22.752	0.02	-10.816	23.31	0.045	0.083	217.656	2.102	0.083	212.323	2.123	0.083	1.9	0.003	0.083	0.897	0.0
4	4130	4131	NS	1	-34.618	21.224	0.0	-34.659	22.198	0.003	-11.943	26.039	0.015	-29.752	24.01	0.224	0.083	199.796	1.73	0.083	201.675	1.527	0.083	1.143	0.002	0.083	65.184	0.005
5	4130	4131	SN	1	-33.174	19.019	0.0	-34.745	19.997	0.0	-34.919	22.37	0.004	-27.38	23.829	0.209	0.083	143.266	2.659	0.083	205.714	2.256	0.083	214.077	0.026	0.083	37.781	0.034
6	4130	4131	SN	2	-33.174	19.019	0.0	-34.745	19.997	0.0	-34.919	22.37	0.003	-27.38	23.829	0.206	0.083	143.266	2.659	0.083	205.714	2.251	0.083	214.077	0.026	0.083	37.781	0.034
7	4130	4131	SN	1	-33.174	19.019	0.0	-34.745	19.997	0.0	-34.919	22.37	0.003	-27.38	23.829	0.206	0.083	143.266	2.744	0.083	205.714	2.319	0.083	214.077	0.026	0.083	37.781	0.034
8	4130	4131	NS	1	-34.618	21.224	0.0	-34.659	22.198	0.003	-11.943	26.039	0.015	-29.752	24.01	0.224	0.083	199.796	1.727	0.083	201.675	1.527	0.083	1.143	0.002	0.083	65.184	0.005
9	4131	4132	NS	1	-34.481	21.825	0.0	-34.269	22.0	0.001	-31.466	22.023	0.002	-22.123	23.804	0.136	0.083	193.566	1.571	0.083	184.334	1.502	0.083	96.712	0.014	0.083	11.308	0.018
10	4131	4132	SN	1	-34.351	19.735	0.0	-34.665	19.889	0.0	-33.126	22.642	0.011	-27.123	23.877	0.489	0.083	187.821	2.628	0.083	201.933	2.242	0.083	141.681	0.026	0.083	35.623	0.039
11	4131	4132	NS	1	-34.481	21.825	0.0	-34.269	22.0	0.001	-31.466	22.023	0.002	-22.123	23.804	0.137	0.083	193.566	1.571	0.083	184.334	1.502	0.083	96.712	0.014	0.083	11.308	0.018
12	4131	4132	SN	1	-34.351	19.735	0.0	-34.665	19.889	0.0	-33.126	22.642	0.011	-27.123	23.877	0.461	0.083	187.821	2.673	0.083	201.933	2.263	0.083	141.681	0.025	0.083	35.623	0.038
13	4131	4132	SN	1	-34.351	19.735	0.0	-34.665	19.889	0.0	-33.126	22.642	0.011	-27.123	23.877	0.474	0.083	187.821	2.672	0.083	201.933	2.261	0.083	141.681	0.025	0.083	35.623	0.038
14	4132	4133	SN	1	-34.66	18.372	0.0	-34.999	19.768	0.0	1.606	22.424	0.006	1.827	22.449	0.146	0.083	201.742	3.513	0.083	218.046	2.936	0.083	0.123	0.0	0.083	0.121	0.0
15	4132	4133	NS	1	-34.988	13.244	0.0	-34.583	15.036	0.0	-8.276	21.59	0.0	-8.517	23.202	0.068	0.085	217.492	1.061	0.084	203.174	1.079	0.083	0.53	0.0	0.083	0.571	0.0
16	4132	4133	SN	2	-34.66	18.372	0.0	-34.999	19.768	0.0	1.606	22.424	0.006	1.827	22.449	0.13	0.083	201.742	3.505	0.083	218.046	2.926	0.083	0.123	0.0	0.083	0.121	0.0
17	4132	4133	SN	1	-34.66	18.372	0.0	-34.999	19.768	0.0	1.606	22.424	0.006	1.827	22.449	0.131	0.083	201.742	3.57	0.083	218.046	2.966	0.083	0.123	0.0	0.083	0.121	0.0
18	4132	4133	NS	1	-34.988	13.244	0.0	-34.583	15.036	0.0	-8.276	21.59	0.0	-8.517	23.202	0.067	0.085	217.492	1.061	0.084	203.174	1.079	0.083	0.53	0.0	0.083	0.571	0.0
19	4133	4134	SN	2	-34.837	17.856	0.0	-34.665	19.407	0.0	1.521	21.754	0.0	2.879	23.188	0.4	0.083	210.084	2.433	0.083	201.932	2.218	0.083	0.124	0.0	0.083	0.112	0.0
20	4133	4134	NS	1	-34.507	12.91	0.0	-33.93	15.507	0.0	-11.873	22.509	0.004	-10.44	23.255	0.055	0.085	194.715	1.008	0.084	170.495	0.823	0.083	1.126	0.001	0.083	0.828	0.0
21	4133	4134	SN	1	-34.837	17.856	0.0	-34.665	19.407	0.0	1.521	21.754	0.0	2.879	23.188	0.457	0.083	210.084	2.445	0.083	201.932	2.22	0.083	0.124	0.0	0.083	0.112	0.0
22	4133	4134	NS	1	-34.507	12.91	0.0	-33.93	15.507	0.0	-11.873	22.509	0.004	-10.44	23.255	0.055	0.085	194.715	1.008	0.084	170.495	0.825	0.083	1.126	0.001	0.083	0.828	0.0
23	4133	4134	SN	1	-34.837	17.856	0.0	-34.665	19.407	0.0	1.521	21.754	0.0	2.879	23.188	0.422	0.083	210.084	2.49	0.083	201.932	2.261	0.083	0.124	0.0	0.083	0.112	0.0
24	4134	4135	NS	1	-34.765	14.579	0.0	-34.552	15.442	0.0	-17.914	21.858	0.0	-15.536	22.628	0.056	0.084	206.692	4.981	0.084	196.78	5.168	0.083	4.329	0.019	0.083	2.532	0.012
25	4134	4135	NS	2	-34.895	14.581	0.0	-34.99	15.442	0.0	-17.916	21.856	0.0	-15.511	22.628	0.056	0.084	212.908	4.971	0.084	217.592	5.169	0.083	4.331	0.019	0.083	2.517	0.012
26	4134	4135	SN	1	-34.962	18.595	0.0	-34.946	19.191	0.0	1.188	21.428	0.0	3.795	22.313	0.023	0.083	216.244	4.918	0.083	215.422	4.46	0.083	0.127	0.0	0.083	0.106	0.0
27	4134	4135	SN	1	-34.962	18.595	0.0	-34.946	19.191	0.0	1.188	21.428	0.0	2.975	23.006	0.255	0.083	216.244	5.055	0.083	215.422	4.558	0.083	0.127	0.0	0.083	0.112	0.0
28	4135	4136	SN	1	-34.898	16.713	0.0	-34.951	18.208	0.0	0.825	23.126	0.115	2.431	23.761	0.438	0.084	213.064	5.144	0.083	215.704	4.453	0.083	0.132	0.0	0.083	0.116	0.0
29	4135	4136	SN	1	-34.898	16.713	0.0	-34.951	18.208	0.0	0.825	23.126	0.117	2.431	23.761	0.438	0.084	213.064	5.187	0.083	215.704	4.565	0.083	0.132	0.0	0.083	0.116	0.0
30	4135	4136	NS	1	-34.912	18.86	0.0	-34.874	19.268	0.0	-32.052	22.404	0.015	-16.576	23.289	0.44	0.083	213.775	2.886	0.083	211.839	2.601	0.083	110.684	0.092	0.083	3.199	0.009
31	4135	4136	SN	1	-34.898	16.426	0.0	-34.951	18.208	0.0	0.825	23.126	0.119	2.431	23.761	0.426	0.084	213.064	5.149	0.083	215.704	4.476	0.083	0.132	0.0	0.083	0.116	0.0
32	4136	4137	SN	1	-34.903	17.399	0.0	-34.929	17.953	0.0	-12.662	25.416	0.291	-10.543	23.875	1.051	0.084	213.277	5.13	0.083	214.636	4.344	0.083	1.337	0.002	0.083	0.847	0.0

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

33	4136	4137	SN	1	-34.903	17.399	0.0	-34.929	17.953	0.0	-12.662	25.416	0.293	-10.543	23.875	1.268	0.084	213.277	5.018	0.083	214.636	4.733	0.083	1.337	0.002	0.083	0.847	0.0
34	4136	4137	NS	1	-34.721	18.536	0.0	-34.536	19.856	0.0	0.683	21.926	0.0	2.404	23.482	0.606	0.083	204.496	3.539	0.083	196.013	3.081	0.083	0.133	0.0	0.083	0.116	0.0
35	4136	4137	NS	2	-34.929	18.536	0.0	-34.318	19.858	0.0	0.683	21.926	0.0	2.404	23.482	0.606	0.083	214.627	3.533	0.083	186.468	3.083	0.083	0.133	0.0	0.083	0.116	0.0
36	4136	4137	SN	1	-34.292	17.399	0.0	-34.298	17.953	0.0	-12.656	25.416	0.285	-10.532	23.875	1.267	0.084	185.3	5.113	0.083	185.605	4.29	0.083	1.336	0.002	0.083	0.845	0.0
37	4137	4138	SN	2	-34.807	18.349	0.0	-33.45	19.468	0.0	-23.163	22.54	0.031	-23.078	24.2	0.641	0.083	208.618	2.278	0.083	152.695	1.841	0.083	14.347	0.062	0.083	14.072	0.017
38	4137	4138	SN	1	-34.571	18.349	0.0	-33.735	19.468	0.0	-23.093	22.539	0.031	-23.061	24.2	0.641	0.083	197.555	2.282	0.083	163.036	1.848	0.083	14.122	0.062	0.083	14.016	0.017
39	4137	4138	NS	1	-34.801	18.693	0.0	-34.555	19.333	0.0	-0.317	22.523	0.038	0.754	24.489	1.374	0.083	208.388	2.21	0.083	196.905	2.058	0.083	0.147	0.0	0.083	0.132	0.0
40	4137	4138	NS	2	-34.997	18.693	0.0	-32.522	19.333	0.0	-0.312	22.523	0.038	0.752	24.489	1.376	0.083	217.969	2.21	0.083	123.317	2.052	0.083	0.147	0.0	0.083	0.132	0.0
41	4138	4139	NS	1	-34.915	18.354	0.0	-34.886	19.468	0.0	-26.345	22.808	0.061	-18.161	24.05	2.22	0.083	213.943	1.981	0.083	212.474	1.716	0.083	29.791	0.037	0.083	4.579	0.017
42	4138	4139	SN	1	-34.968	21.466	0.0	-34.81	22.768	0.001	-23.356	22.542	0.031	-20.049	23.937	0.337	0.083	216.505	4.451	0.083	208.783	3.676	0.083	14.999	0.005	0.083	7.037	0.008
43	4138	4139	NS	1	-34.868	18.354	0.0	-34.861	19.468	0.0	-26.31	22.808	0.061	-18.175	24.05	2.273	0.083	211.552	1.979	0.083	211.272	1.712	0.083	29.549	0.037	0.083	4.594	0.017
44	4139	4140	NS	1	-34.83	16.9	0.0	-33.452	18.117	0.0	-17.233	22.036	0.003	-22.922	24.502	1.501	0.084	209.745	1.602	0.083	152.741	1.729	0.083	3.711	0.005	0.083	13.576	0.009
45	4139	4140	SN	1	-34.509	20.503	0.0	-34.425	23.17	0.004	-23.811	22.293	0.027	-12.465	23.996	0.324	0.083	194.771	2.409	0.083	191.08	2.164	0.083	16.647	0.048	0.083	1.281	0.002
46	4140	4141	NS	1	-34.652	16.694	0.0	-34.417	17.308	0.0	-16.158	22.899	0.014	-14.545	23.997	1.772	0.084	201.33	3.407	0.084	190.739	3.132	0.083	2.911	0.018	0.083	2.028	0.004
47	4140	4141	SN	2	-34.472	15.082	0.0	-34.4	17.228	0.0	-23.502	22.763	0.022	-25.514	23.874	0.26	0.084	193.114	3.091	0.084	190.01	2.895	0.083	15.505	0.062	0.083	24.615	0.088
48	4140	4141	NS	1	-34.652	16.694	0.0	-34.417	17.308	0.0	-16.158	22.899	0.013	-14.545	23.997	1.64	0.084	201.33	3.4	0.084	190.739	3.132	0.083	2.911	0.017	0.083	2.028	0.003
49	4141	4142	SN	2	-33.842	15.774	0.0	-34.841	15.017	0.0	-17.99	22.863	0.04	-25.601	23.75	0.423	0.084	167.064	4.113	0.084	210.281	3.929	0.083	4.405	0.033	0.083	25.109	0.213
50	4141	4142	NS	1	-34.663	17.273	0.0	-34.92	18.062	0.0	-21.354	22.884	0.053	-13.516	23.796	1.622	0.084	201.875	4.833	0.083	214.119	4.106	0.083	9.482	0.035	0.083	1.614	0.004
51	4141	4142	NS	1	-34.663	17.273	0.0	-34.92	18.062	0.0	-21.354	22.884	0.077	-13.516	23.796	2.155	0.084	201.875	4.849	0.083	214.119	4.106	0.083	9.482	0.051	0.083	1.614	0.005
52	4142	4143	NS	1	-34.793	19.268	0.0	-34.764	20.718	0.0	2.069	22.197	0.036	2.961	23.884	1.831	0.083	208.008	3.443	0.083	206.567	3.022	0.083	0.119	0.0	0.083	0.112	0.0
53	4142	4143	NS	1	-34.793	19.268	0.0	-34.764	20.718	0.0	3.738	22.149	0.026	2.961	23.884	2.259	0.083	208.008	3.445	0.083	206.567	3.022	0.083	0.107	0.0	0.083	0.112	0.0
54	4142	4143	SN	1	-34.762	13.178	0.0	-34.057	13.786	0.0	-0.117	22.257	0.052	1.063	23.632	1.506	0.085	206.524	2.291	0.085	175.537	1.832	0.083	0.144	0.0	0.083	0.129	0.0
55	4143	4144	SN	1	-34.79	15.407	0.0	-34.722	15.665	0.0	2.329	21.969	0.0	2.437	23.544	0.151	0.084	207.847	1.959	0.084	204.622	1.913	0.083	0.117	0.0	0.083	0.116	0.0
56	4143	4144	NS	1	-34.923	13.261	0.0	-34.595	19.076	0.0	4.112	18.201	0.0	1.222	20.286	0.0	0.085	214.274	6.074	0.083	198.722	5.226	0.083	0.105	0.0	0.083	0.127	0.0
57	4143	4144	SN	1	-34.79	15.407	0.0	-34.722	15.665	0.0	2.329	23.04	0.025	2.437	23.544	0.201	0.084	207.847	2.194	0.084	204.622	1.743	0.083	0.117	0.0	0.083	0.116	0.0
58	4143	4144	NS	1	-34.923	17.574	0.0	-34.595	19.076	0.0	1.874	22.687	0.214	1.222	23.779	1.189	0.083	214.274	5.712	0.083	198.722	5.199	0.083	0.12	0.0	0.083	0.127	0.0
59	4144	4145	NS	2	-34.697	21.578	0.0	-34.643	22.46	0.001	2.14	22.294	0.019	2.112	26.262	0.371	0.083	203.436	5.09	0.083	200.957	5.11	0.083	0.118	0.0	0.083	0.118	0.0
60	4144	4145	SN	1	-34.925	18.711	0.0	-34.813	20.001	0.0	-24.619	22.537	0.018	-32.776	24.384	0.188	0.083	214.404	1.612	0.083	208.959	1.346	0.083	20.036	0.093	0.083	130.744	0.078
61	4144	4145	SN	1	-34.925	18.711	0.0	-34.813	20.001	0.0	-24.619	22.537	0.019	-32.776	24.384	0.193	0.083	214.404	1.542	0.083	208.959	1.268	0.083	20.036	0.094	0.083	130.744	0.08
62	4144	4145	SN	1	-34.925	18.711	0.0	-34.813	20.001	0.0	-24.619	22.537	0.018	-32.776	24.384	0.188	0.083	214.404	1.542	0.083	208.959	1.266	0.083	20.036	0.092	0.083	130.744	0.078
63	4144	4145	NS	1	-34.697	21.578	0.0	-34.643	22.46	0.001	2.14	22.294	0.019	2.112	26.262	0.372	0.083	203.436	5.096	0.083	200.957	5.11	0.083	0.118	0.0	0.083	0.118	0.0
64	4145	4146	NS	1	-34.694	21.149	0.0	-34.294	22.43	0.003	-12.046	22.721	0.003	-19.303	23.519	0.13	0.083	203.293	1.028	0.083	185.409	1.168	0.083	1.169	0.002	0.083	5.937	0.001
65	4145	4146	NS	1	-34.694	21.149	0.0	-34.294	22.43	0.003	-12.046	22.721	0.003	-19.303	23.519	0.129	0.083	203.293	1.028	0.083	185.409	1.168	0.083	1.169	0.002	0.083	5.937	0.001
66	4145	4146	SN	1	-34.499	18.473	0.0	-34.204	20.008	0.0	-20.32	22.297	0.004	-33.155	23.945	0.268	0.083	194.357	2.788	0.083	181.618	2.841	0.083	7.486	0.025	0.083	142.647	0.035
67	4145	4146	SN	1	-34.499	18.473	0.0	-34.204	20.008	0.0	-20.32	22.297	0.004	-33.155	23.945	0.268	0.083	194.357	2.785	0.083	181.618	2.837	0.083	7.486	0.025	0.083	142.647	0.035
68	4145	4146	SN	1	-34.499	18.473	0.0	-34.204	20.008	0.0	-20.32	22.297	0.004	-33.155	23.945	0.275	0.083	194.357	2.727	0.083	181.618	2.803	0.083	7.486	0.026	0.083	142.647	0.036
69	4146	4147	SN	2	-34.634	18.116	0.0	-34.755	19.629	0.0	2.185	21.476	0.0	2.704	23.385	0.129	0.083	200.521	2.917	0.083	206.113	2.522	0.083	0.118	0.0	0.083	0.114	0.0

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

 Normal	 Deviations
 Alarming	 High Errors

70	4146	4147	NS	1	-34.877	15.104	0.0	-34.321	16.553	0.0	-7.043	21.971	0.0	-22.886	23.068	0.068	0.084	212.048	2.276	0.084	186.612	2.054	0.083	0.416	0.0	0.083	13.468	0.032
71	4146	4147	SN	1	-34.634	18.116	0.0	-34.755	19.629	0.0	2.185	21.476	0.0	2.704	23.385	0.129	0.083	200.521	2.917	0.083	206.113	2.522	0.083	0.118	0.0	0.083	0.114	0.0

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

Normal

Deviations

Alarming

High Errors