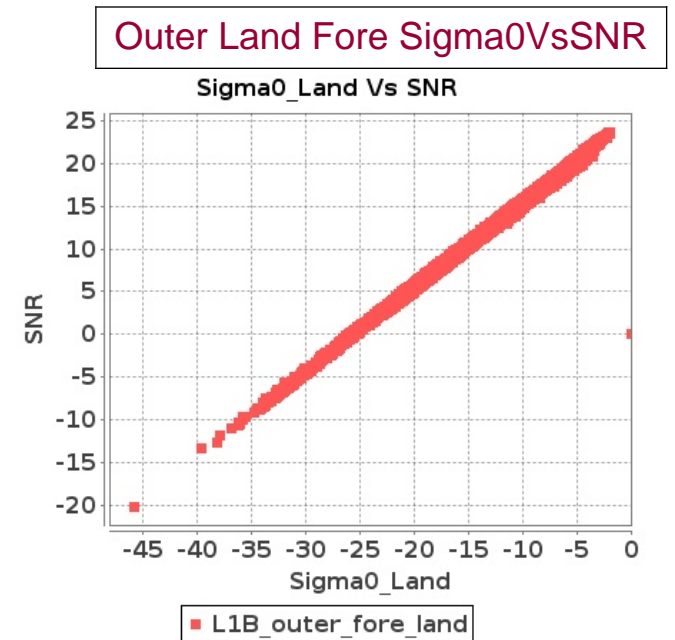
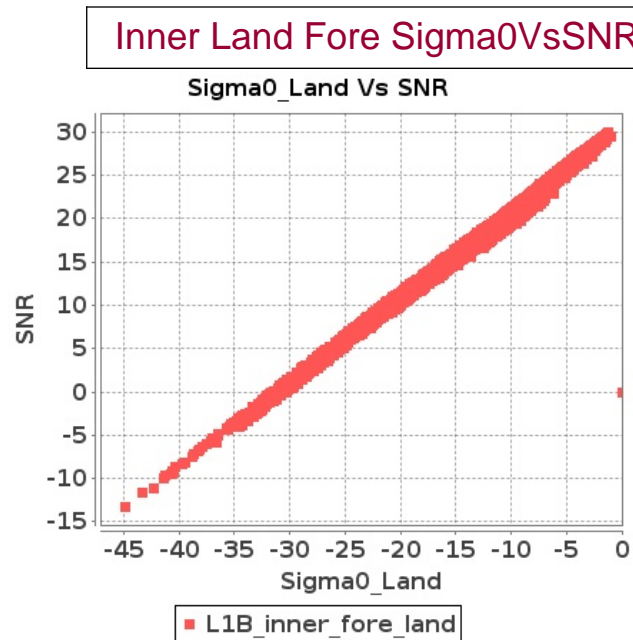
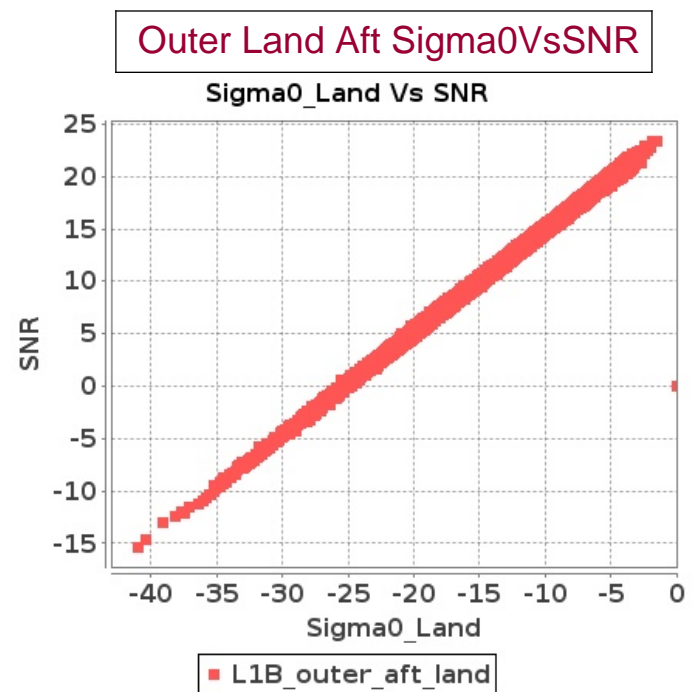
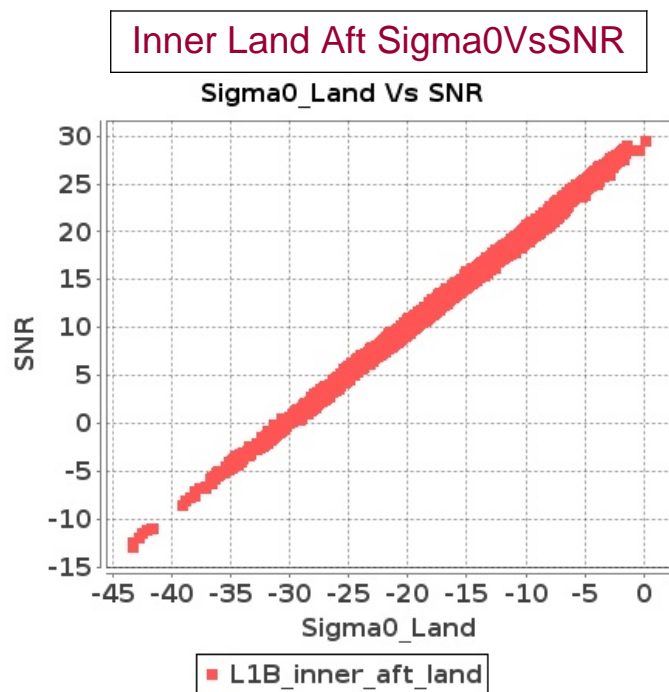
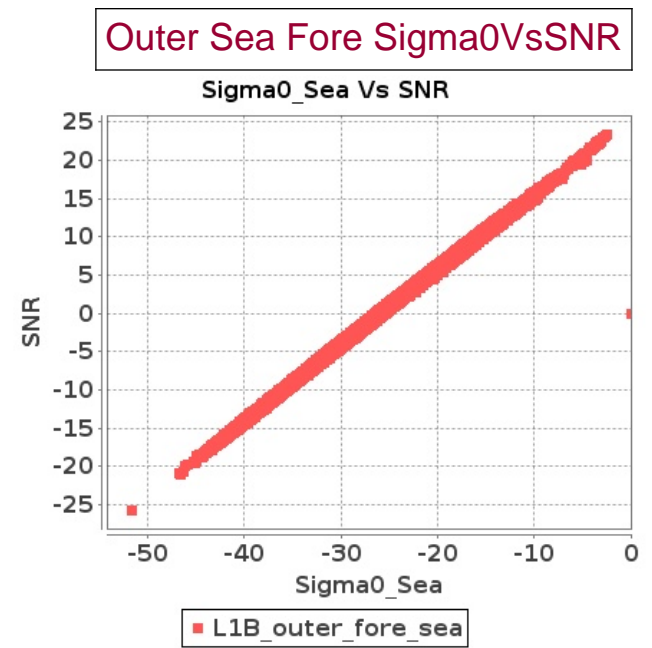
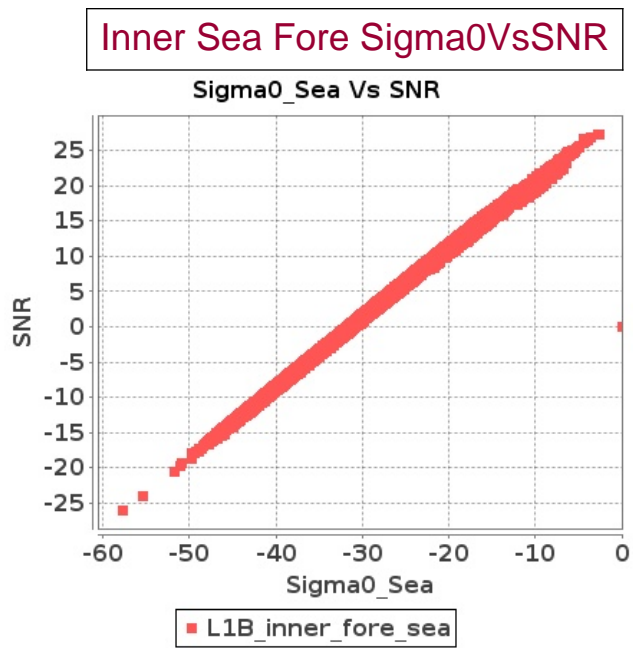
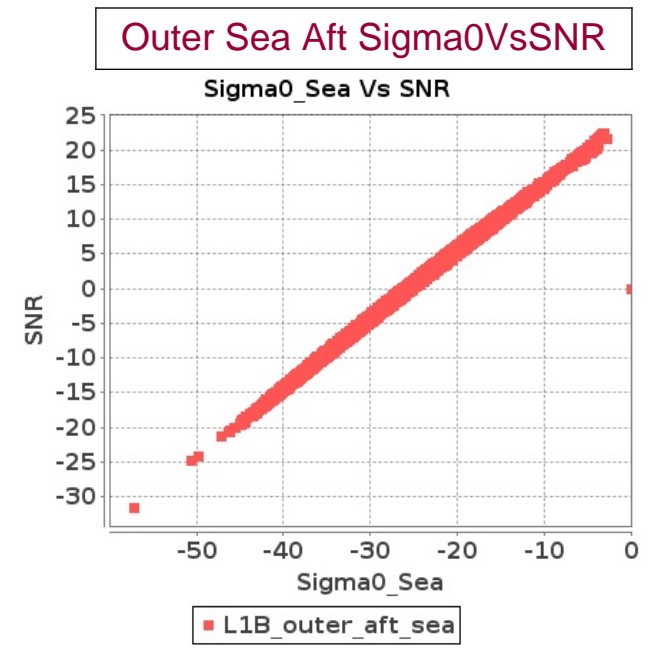
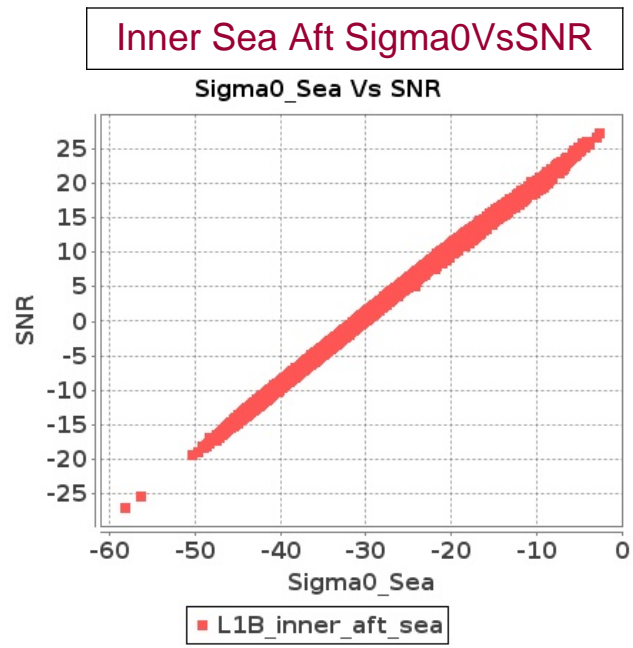
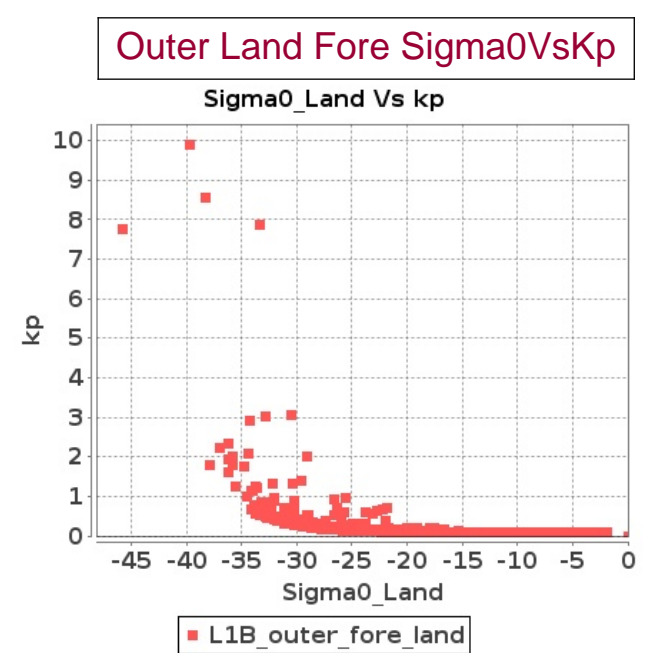
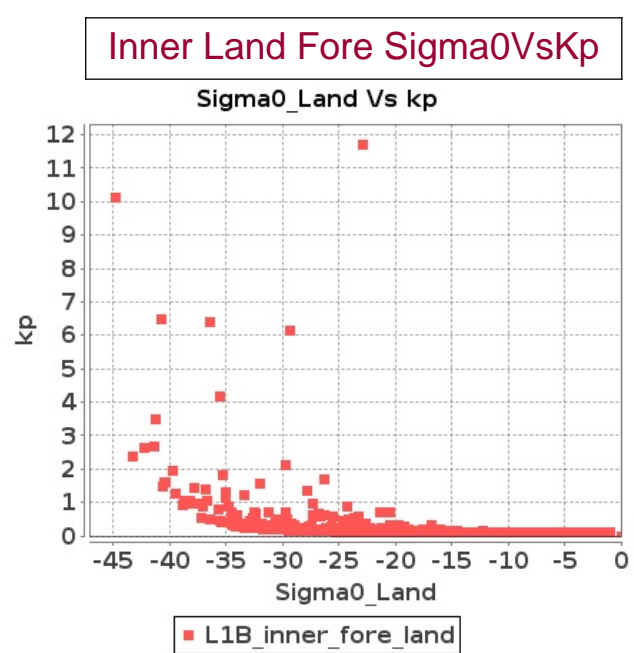
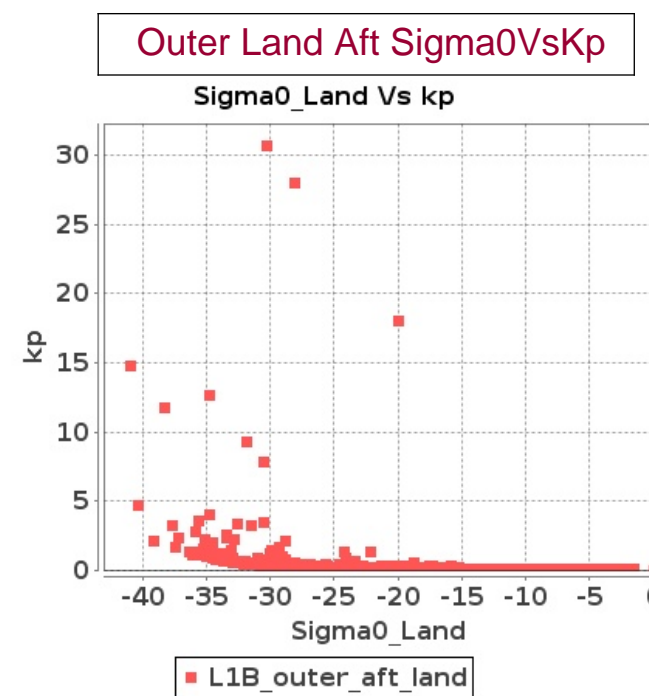
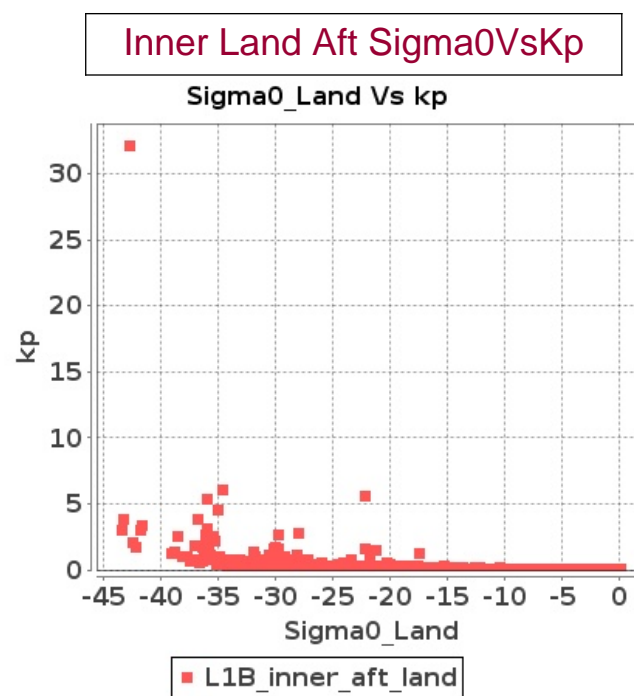
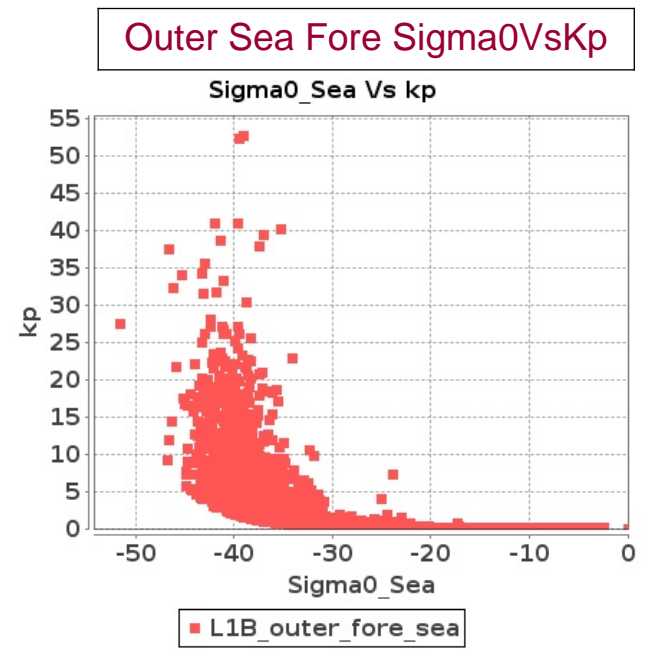
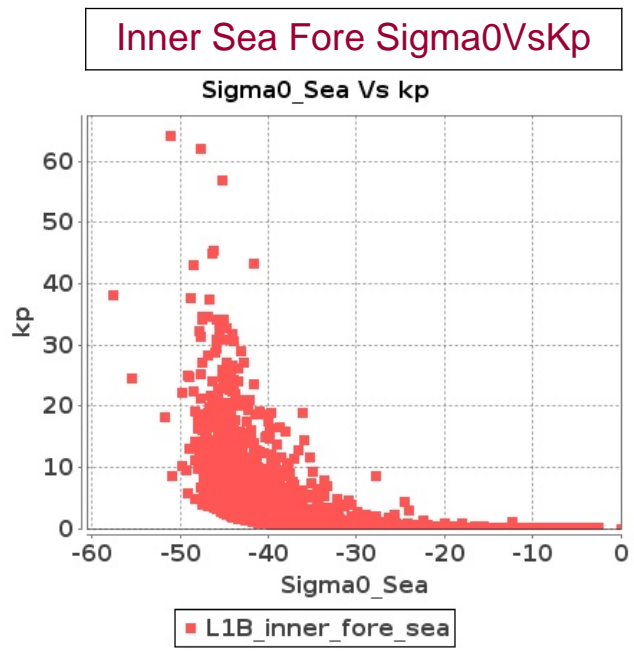
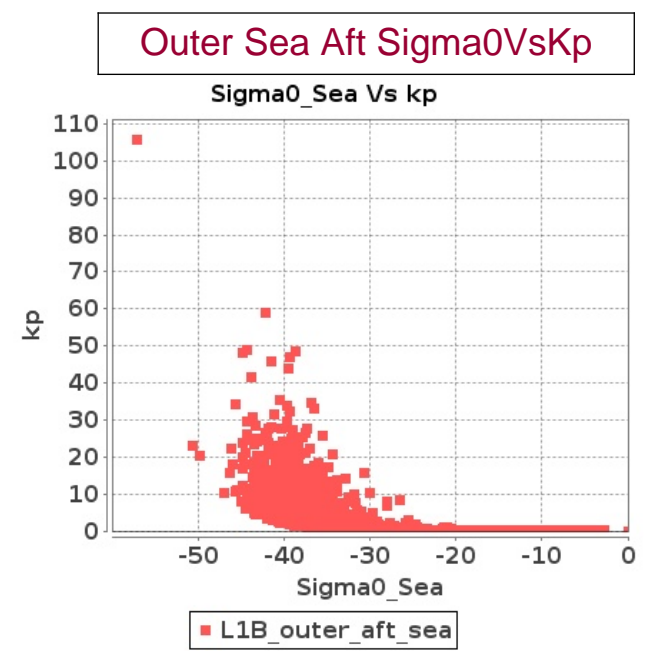
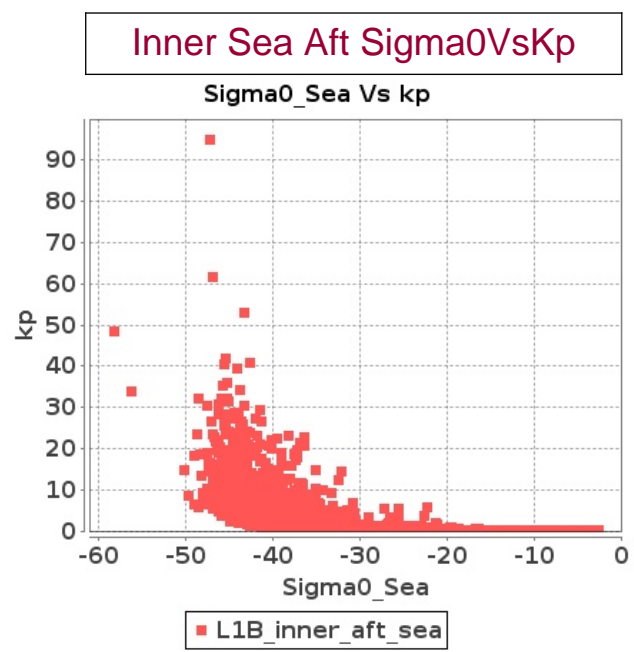


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 31-OCT-2018 To 01-NOV-2018





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

Report between 31-OCT-2018 To 01-NOV-2018





					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	11089	11090	SN	1	48.652	49.429	0.0	0.003	26.864	2.092	1017.16	1091.544	28.443	-91.665	-89.739	0.0
2	11089	11090	SN	1	48.652	49.429	0.0	0.003	26.864	2.738	1017.16	1091.544	27.354	-91.665	-89.739	0.0
3	11089	11090	NS	1	48.714	49.419	0.0	0.003	206.79	2.71	1040.912	1093.32	0.0	-91.818	-89.946	0.0
4	11090	11091	NS	1	48.762	49.479	0.0	0.003	264.213	2.592	1041.136	1093.264	0.0	-91.803	-89.95	0.0
5	11090	11091	SN	1	48.685	49.411	0.0	0.003	6.662	2.645	1016.52	1091.48	26.462	-91.591	-89.704	0.0
6	11091	11092	NS	1	48.763	49.706	0.0	0.0	210.414	2.621	1041.176	1093.456	0.0	-94.21	-89.905	0.0
7	11091	11092	SN	1	48.668	49.411	0.0	0.003	27.925	2.509	1016.888	1091.576	27.135	-91.526	-89.737	0.0
8	11091	11092	SN	1	48.668	49.411	0.0	0.003	27.925	2.393	1016.888	1091.576	27.401	-91.526	-89.737	0.0
9	11092	11093	NS	1	48.749	49.449	0.0	0.0	210.441	2.682	1041.16	1093.4	0.0	-91.75	-89.943	0.0
10	11092	11093	SN	1	48.632	49.418	0.0	0.003	283.008	2.549	1016.712	1091.448	28.512	-91.831	-89.735	0.0
11	11093	11094	NS	1	48.759	49.421	0.0	0.0	210.441	2.749	1041.208	1093.256	0.0	-92.031	-89.94	0.0
12	11093	11094	SN	1	48.614	49.462	0.0	0.003	6.634	2.546	1015.784	1091.288	28.285	-91.755	-89.737	0.0
13	11094	11095	SN	1	48.64	49.459	0.0	0.003	281.723	2.575	1016.024	1091.144	28.371	-91.713	-89.736	0.0
14	11094	11095	NS	1	48.724	49.482	0.0	0.003	210.629	2.664	1041.264	1093.12	0.0	-91.776	-89.951	0.0
15	11095	11096	NS	1	48.753	49.443	0.0	0.003	266.755	2.611	1041.472	1092.976	0.0	-91.862	-89.956	0.0
16	11096	11097	SN	1	48.674	49.408	0.0	0.003	6.646	2.729	1016.536	1091.072	24.515	-92.333	-89.72	0.0
17	11096	11097	NS	1	48.711	49.462	0.0	0.003	12.552	2.554	1041.08	1092.968	0.0	-91.795	-89.952	0.0
18	11097	11098	SN	2	48.679	49.456	0.0	0.003	6.646	2.751	1016.664	1091.048	22.321	-91.681	-89.669	0.0
19	11097	11098	NS	1	48.748	49.434	0.0	0.0	38.555	2.756	1041.256	1092.936	0.0	-92.995	-89.927	0.0
20	11097	11098	SN	1	48.679	49.456	0.0	0.003	6.646	2.751	1016.664	1091.064	22.332	-91.681	-89.669	0.0
21	11098	11099	NS	1	48.754	49.418	0.0	0.003	42.907	2.693	1041.816	1092.816	0.0	-91.828	-89.925	0.0
22	11098	11099	SN	1	48.652	49.408	0.0	0.003	282.726	2.56	1016.104	1090.912	26.487	-91.591	-89.713	0.0
23	11098	11099	NS	2	48.754	49.418	0.0	0.003	42.907	2.693	1041.816	1092.816	0.0	-91.828	-89.925	0.0
24	11099	11100	SN	1	48.631	49.407	0.0	0.003	280.84	2.653	1016.168	1090.816	25.867	-91.458	-89.707	0.0
25	11099	11100	NS	1	48.751	49.476	0.0	0.003	20.003	2.684	1041.944	1092.704	0.0	-91.929	-89.937	0.0
26	11100	11101	NS	1	48.735	49.476	0.0	0.0	210.138	2.736	1041.832	1092.704	0.0	-91.884	-89.943	0.0
27	11100	11101	SN	1	48.62	49.407	0.0	0.003	216.227	2.634	1016.864	1090.792	27.301	-91.437	-89.702	0.0
28	11100	11101	NS	1	48.735	49.476	0.0	0.0	210.138	2.552	1041.832	1092.704	0.0	-92.053	-89.943	0.0
29	11101	11102	NS	1	48.728	49.422	0.0	0.003	13.986	2.593	1041.816	1092.624	0.0	-92.146	-89.946	0.0
30	11101	11102	SN	1	48.684	49.407	0.0	0.003	6.634	2.609	1016.856	1090.776	27.358	-91.544	-89.709	0.0
31	11102	11103	NS	1	48.755	49.442	0.0	0.003	14.036	1.484	1041.856	1092.68	0.0	-91.8	-89.935	0.0
32	11102	11103	SN	1	48.65	49.417	0.0	0.003	6.629	2.578	1016.88	1090.8	27.917	-91.646	-89.735	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	11102	11103	NS	1	48.755	49.442	0.0	0.003	14.036	2.573	1041.856	1092.672	0.0	-91.8	-89.935	0.0
34	11103	11104	NS	1	48.738	49.48	0.0	0.003	41.685	1.614	1041.688	1091.64	0.0	-91.95	-89.956	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	11089	11090	SN	1	-33.785	23.694	0.023	-34.044	26.227	4.144	-11.228	28.052	12.564	-14.387	30.25	19.823	0.116	231.748	2.25	0.116	246.01	1.826	0.116	1.376	0.003	0.116	2.75	0.002
2	11089	11090	SN	1	-34.009	24.796	2.61	-34.044	26.224	6.255	-11.228	28.174	12.629	-14.387	30.25	19.823	0.116	244.022	2.126	0.116	246.01	1.655	0.116	1.376	0.003	0.116	2.75	0.002
3	11089	11090	NS	1	-34.359	24.892	2.542	-34.807	24.491	0.226	5.026	28.799	12.428	3.958	29.539	21.768	0.116	264.419	3.906	0.116	293.232	3.706	0.116	0.14	0.0	0.116	0.148	0.0
4	11090	11091	NS	1	-33.158	25.762	1.619	-34.758	27.754	0.071	-26.228	32.992	11.488	-21.574	36.383	24.289	0.116	200.613	1.022	0.116	289.841	0.703	0.116	40.743	0.017	0.116	14.012	0.014
5	11090	11091	SN	1	-34.682	25.81	2.987	-34.592	26.344	5.241	-13.146	31.613	11.594	-5.714	30.634	9.096	0.116	284.863	2.913	0.116	279.049	2.262	0.116	2.09	0.004	0.116	0.456	0.0
6	11091	11092	NS	1	-34.253	24.137	0.754	-33.729	23.496	0.005	-3.796	29.039	9.524	-5.877	29.97	18.018	0.116	258.093	2.158	0.116	228.728	2.225	0.116	0.345	0.0	0.116	0.47	0.0
7	11091	11092	SN	1	-34.869	24.774	2.434	-34.942	25.267	3.848	-9.803	28.021	13.193	-7.681	30.82	9.949	0.116	297.464	0.966	0.116	302.379	0.649	0.116	1.018	0.003	0.116	0.661	0.0
8	11091	11092	SN	1	-34.869	24.774	2.22	-34.942	25.267	3.873	-9.803	28.021	13.193	-7.681	30.82	9.949	0.116	297.464	0.979	0.116	302.379	0.657	0.116	1.018	0.003	0.116	0.661	0.0
9	11092	11093	NS	1	-34.397	23.912	0.176	-34.58	23.103	0.04	-7.026	28.901	8.375	-3.578	30.147	16.534	0.116	266.825	5.947	0.116	278.235	5.755	0.116	0.582	0.0	0.116	0.319	0.0
10	11092	11093	SN	1	-34.824	24.644	0.864	-34.311	25.289	1.462	6.615	28.33	14.293	7.42	27.701	9.327	0.116	294.402	1.92	0.116	261.54	1.623	0.116	0.133	0.0	0.116	0.13	0.0
11	11093	11094	NS	1	-34.232	23.417	0.299	-31.102	24.047	0.414	-25.256	28.049	4.973	-27.884	29.392	11.039	0.116	256.8	1.519	0.116	124.986	1.37	0.116	32.592	0.029	0.116	59.632	0.033
12	11093	11094	SN	1	-34.41	23.651	0.119	-34.931	23.996	0.46	6.422	28.303	16.908	7.414	28.717	17.562	0.116	267.585	6.243	0.116	301.632	5.04	0.116	0.134	0.0	0.116	0.13	0.0
13	11094	11095	SN	1	-34.849	22.447	0.002	-34.741	23.881	0.332	5.539	27.692	15.39	7.627	28.691	17.756	0.116	296.07	4.784	0.116	288.738	3.562	0.116	0.138	0.0	0.116	0.129	0.0
14	11094	11095	NS	1	-34.677	23.869	0.166	-34.905	23.191	0.169	-5.295	31.7	7.081	-4.037	29.664	12.967	0.116	284.571	2.487	0.116	299.899	2.596	0.116	0.424	0.0	0.116	0.342	0.0
15	11095	11096	NS	1	-34.642	26.109	0.315	-34.601	27.198	0.419	-8.952	30.196	11.27	-8.029	30.868	17.36	0.116	282.241	1.95	0.116	279.673	1.747	0.116	0.853	0.0	0.116	0.708	0.0
16	11096	11097	SN	1	-34.656	22.888	0.048	-34.917	24.884	1.5	-11.07	34.304	11.689	-0.934	34.156	14.227	0.116	283.126	4.314	0.116	300.725	3.552	0.116	1.331	0.002	0.116	0.222	0.0
17	11096	11097	NS	1	-34.963	25.674	1.093	-32.064	26.465	1.769	6.688	31.847	10.307	6.844	29.324	17.381	0.116	303.917	1.367	0.116	155.945	1.121	0.116	0.132	0.0	0.116	0.132	0.0
18	11097	11098	SN	2	-34.932	24.033	0.157	-34.386	24.695	1.603	-14.073	29.101	20.912	-9.5	30.134	25.45	0.116	301.83	1.191	0.116	266.177	1.236	0.116	2.565	0.006	0.116	0.956	0.0
19	11097	11098	NS	1	-34.971	24.546	1.04	-34.875	25.466	1.548	2.069	30.062	19.982	-3.89	30.863	36.788	0.116	304.486	3.557	0.116	297.874	3.026	0.116	0.166	0.0	0.116	0.335	0.0
20	11097	11098	SN	1	-34.932	24.033	0.157	-34.386	24.695	1.603	-14.073	29.101	20.91	-9.5	30.134	25.45	0.116	301.83	1.191	0.116	266.177	1.237	0.116	2.565	0.006	0.116	0.956	0.0
21	11098	11099	NS	1	-34.841	28.286	0.873	-33.898	27.556	0.794	-6.751	32.89	14.364	-11.836	30.892	26.517	0.116	295.512	2.59	0.116	237.849	2.37	0.116	0.552	0.0	0.116	1.569	0.01
22	11098	11099	SN	1	-34.885	26.485	0.101	-34.192	27.127	1.565	-4.252	29.746	16.997	-3.821	29.771	17.164	0.116	298.494	3.6	0.116	254.446	2.589	0.116	0.355	0.0	0.116	0.331	0.0
23	11098	11099	NS	2	-34.841	28.286	0.873	-33.898	27.556	0.794	-6.751	32.89	14.364	-11.836	30.892	26.517	0.116	295.512	2.59	0.116	237.849	2.37	0.116	0.552	0.0	0.116	1.569	0.01
24	11099	11100	SN	1	-34.662	26.565	0.206	-34.926	28.035	2.003	-19.886	29.831	17.035	-16.522	30.043	18.153	0.116	283.568	6.663	0.116	301.373	5.096	0.116	9.528	0.007	0.116	4.439	0.002
25	11099	11100	NS	1	-34.199	28.041	1.403	-34.925	25.281	0.978	2.067	28.889	14.785	4.593	35.787	22.616	0.116	254.904	2.554	0.116	301.23	2.515	0.116	0.166	0.0	0.116	0.143	0.0
26	11100	11101	NS	1	-34.345	28.02	2.792	-34.962	26.026	2.763	-15.363	28.416	24.493	-9.826	29.758	36.42	0.116	263.616	3.312	0.116	303.802	2.932	0.116	3.421	0.005	0.116	1.023	0.004
27	11100	11101	SN	1	-34.028	24.556	0.709	-34.431	26.155	4.512	-8.962	31.565	16.442	-13.374	33.137	19.82	0.116	244.999	1.487	0.116	268.927	1.06	0.116	0.855	0.0	0.116	2.197	0.003
28	11100	11101	NS	1	-34.99	28.02	2.792	-34.962	26.026	2.763	-15.363	28.416	20.269	-9.826	29.744	33.233	0.116	305.773	3.318	0.116	303.802	2.931	0.116	3.421	0.005	0.116	1.023	0.004
29	11101	11102	NS	1	-34.592	25.107	2.41	-34.676	26.762	2.218	9.838	28.609	24.335	10.834	29.831	38.242	0.116	279.082	3.485	0.116	284.498	3.038	0.116	0.124	0.0	0.116	0.122	0.0
30	11101	11102	SN	1	-34.414	24.468	0.194	-34.549	26.27	3.45	-6.39	29.701	26.595	-10.798	30.331	30.567	0.116	267.885	0.747	0.116	276.255	0.56	0.116	0.516	0.0	0.116	1.256	0.002
31	11102	11103	NS	1	-34.86	25.045	2.503	-34.92	25.142	1.41	9.661	27.902	5.784	1.433	31.114	13.832	0.116	296.818	3.978	0.116	300.884	3.651	0.116	0.124	0.0	0.116	0.175	0.0
32	11102	11103	SN	1	-34.85	23.968	0.341	-34.768	26.31	3.402	7.963	29.407	44.422	7.587	31.292	55.576	0.116	296.195	3.002	0.116	290.618	2.461	0.116	0.128	0.0	0.116	0.129	0.0
33	11102	11103	NS	1	-34.86	25.045	2.497	-34.92	25.142	1.409	8.032	28.55	26.871	1.433	31.114	38.589	0.116	296.818	3.968	0.116	300.884	3.653	0.116	0.128	0.0	0.116	0.175	0.0

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

- Normal
- Deviations
- Alarming
- High Errors

34	11103	11104	NS	1	-34.959	24.89	2.824	-34.962	25.187	0.411	8.318	27.258	5.161	6.439	26.224	7.755	0.116	303.603	3.981	0.116	303.816	3.359	0.116	0.127	0.0	0.116	0.133	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

					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	11089	11090	SN	1	57.405	58.269	0.0	0.0	288.81	3.495	1190.424	1282.776	48.937	-92.922	-91.785	0.0
2	11089	11090	SN	1	57.405	58.269	0.0	0.0	293.37	3.985	1190.424	1282.776	47.147	-92.922	-91.785	0.0
3	11089	11090	NS	1	57.537	58.337	0.0	0.0	297.165	3.798	1220.024	1285.584	16.6	-93.434	-91.992	0.0
4	11090	11091	NS	1	57.543	58.313	0.0	0.0	289.968	3.637	1220.304	1285.544	16.056	-93.436	-91.999	0.0
5	11090	11091	SN	1	57.413	58.269	0.0	0.0	292.185	3.82	1190.776	1282.712	46.701	-93.198	-91.762	0.0
6	11091	11092	NS	1	57.545	58.402	0.0	0.0	289.995	3.518	1220.352	1285.792	15.704	-94.987	-91.945	0.0
7	11091	11092	SN	1	57.406	58.269	0.0	0.0	290.321	3.647	1190.512	1282.824	45.692	-92.918	-91.782	0.0
8	11091	11092	SN	1	57.406	58.269	0.0	0.0	290.321	3.471	1190.512	1282.824	46.133	-92.918	-91.782	0.0
9	11092	11093	NS	1	57.547	58.335	0.0	0.0	288.572	3.709	1220.008	1285.744	15.819	-93.437	-91.987	0.0
10	11092	11093	SN	1	57.408	58.268	0.0	0.0	285.909	3.647	1190.336	1282.672	46.21	-93.065	-91.792	0.0
11	11093	11094	NS	1	57.546	58.321	0.0	0.0	291.098	3.737	1220.472	1285.56	16.489	-93.055	-91.988	0.0
12	11093	11094	SN	1	57.374	58.265	0.0	0.0	298.069	3.727	1189.864	1282.464	46.184	-95.31	-91.792	0.0
13	11094	11095	SN	1	57.385	58.264	0.0	0.0	294.87	3.691	1189.776	1282.28	45.226	-95.309	-91.793	0.0
14	11094	11095	NS	1	57.549	58.328	0.0	0.0	295.632	3.62	1220.448	1285.4	16.121	-93.671	-92.007	0.0
15	11095	11096	NS	1	57.549	58.341	0.0	0.0	296.42	3.672	1219.664	1285.232	14.529	-93.187	-92.008	0.0
16	11096	11097	SN	1	57.409	58.264	0.0	0.0	291.302	3.896	1190.48	1282.216	42.33	-94.404	-91.774	0.0
17	11096	11097	NS	1	57.518	58.33	0.0	0.0	285.682	3.528	1220.704	1285.2	14.793	-93.441	-92.006	0.0
18	11097	11098	SN	2	57.393	58.276	0.0	0.0	289.014	3.989	1190.312	1282.184	40.894	-93.249	-91.724	0.0
19	11097	11098	NS	1	57.549	58.314	0.0	0.0	285.545	3.792	1220.848	1285.16	15.664	-95.456	-91.976	0.0
20	11097	11098	SN	1	57.392	58.276	0.0	0.0	289.025	3.989	1190.296	1282.208	40.919	-93.249	-91.724	0.0
21	11098	11099	NS	1	57.551	58.312	0.0	0.0	287.718	3.729	1221.144	1285.016	16.215	-93.443	-91.975	0.0
22	11098	11099	SN	1	57.396	58.264	0.0	0.0	283.802	3.702	1190.424	1282.016	43.832	-93.135	-91.766	0.0
23	11098	11099	NS	2	57.551	58.312	0.0	0.0	287.718	3.729	1221.144	1285.016	16.215	-93.443	-91.975	0.0
24	11099	11100	SN	1	57.403	58.267	0.0	0.0	297.22	3.866	1190.648	1281.896	42.016	-93.022	-91.76	0.0
25	11099	11100	NS	1	57.552	58.34	0.0	0.0	295.957	3.677	1221.296	1284.888	15.59	-93.24	-91.987	0.0
26	11100	11101	NS	1	57.517	58.341	0.0	0.0	293.768	3.606	1221.144	1284.872	15.1	-93.418	-91.998	0.0
27	11100	11101	SN	1	57.409	58.264	0.0	0.0	294.992	3.828	1190.152	1281.864	44.246	-92.935	-91.76	0.0
28	11100	11101	NS	1	57.517	58.341	0.0	0.0	288.788	3.088	1221.144	1284.872	13.794	-93.418	-91.998	0.0
29	11101	11102	NS	1	57.52	58.335	0.0	0.0	293.95	3.569	1221.184	1284.792	15.268	-93.218	-91.996	0.0
30	11101	11102	SN	1	57.411	58.265	0.0	0.0	292.405	3.766	1190.456	1281.856	44.881	-92.9	-91.768	0.0
31	11102	11103	NS	1	57.514	58.328	0.0	0.0	283.427	2.094	1221.008	1284.864	6.461	-93.254	-91.972	0.0
32	11102	11103	SN	1	57.408	58.263	0.0	0.0	291.407	3.696	1190.544	1281.88	46.229	-92.976	-91.792	0.0
33	11102	11103	NS	1	57.514	58.336	0.0	0.0	283.427	3.536	1221.008	1284.848	14.906	-93.254	-91.972	0.0
34	11103	11104	NS	1	57.549	58.343	0.0	0.003	285.864	2.046	1220.992	1283.912	2.09	-93.442	-92.005	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	11089	11090	SN	1	-33.915	20.414	0.0	-31.639	20.758	0.0	-14.552	22.964	0.03	-20.742	22.85	0.014	0.086	182.458	1.308	0.086	108.062	1.149	0.086	2.253	0.006	0.086	9.156	0.005
2	11089	11090	SN	1	-33.915	20.414	0.0	-31.639	20.758	0.0	-14.552	22.964	0.031	-20.742	22.85	0.014	0.086	182.458	1.258	0.086	108.062	1.042	0.086	2.253	0.006	0.086	9.156	0.005
3	11089	11090	NS	1	-34.741	20.091	0.0	-34.436	20.21	0.0	0.461	23.391	0.232	-0.085	23.583	0.408	0.086	220.697	2.766	0.086	205.731	2.721	0.086	0.142	0.0	0.086	0.15	0.0
4	11090	11091	NS	1	-34.648	19.816	0.0	-34.202	20.328	0.0	-7.504	21.782	0.0	-5.905	25.911	0.06	0.086	216.027	1.059	0.086	195.005	0.986	0.086	0.484	0.0	0.086	0.357	0.0
5	11090	11091	SN	1	-34.748	20.506	0.0	-34.278	20.625	0.0	-23.745	22.509	0.029	-27.026	22.73	0.023	0.086	221.074	2.849	0.086	198.421	2.436	0.086	17.605	0.025	0.086	37.402	0.046
6	11091	11092	NS	1	-34.97	18.249	0.0	-34.987	17.033	0.0	-8.861	21.74	0.0	-24.288	23.396	0.047	0.086	232.645	3.049	0.087	235.307	3.129	0.086	0.636	0.0	0.086	19.938	0.034
7	11091	11092	SN	1	-34.168	19.417	0.0	-32.618	19.61	0.0	-7.453	22.599	0.049	-16.019	22.661	0.066	0.086	193.477	0.72	0.086	135.385	0.6	0.086	0.479	0.0	0.086	3.026	0.004
8	11091	11092	SN	1	-34.168	19.417	0.0	-32.618	19.61	0.0	-7.453	22.599	0.049	-16.019	22.661	0.066	0.086	193.477	0.73	0.086	135.385	0.607	0.086	0.479	0.0	0.086	3.026	0.004
9	11092	11093	NS	1	-34.95	18.396	0.0	-34.979	17.574	0.0	-33.942	21.98	0.0	-34.864	23.317	0.026	0.086	231.594	4.603	0.087	233.121	4.693	0.086	183.62	0.258	0.086	227.098	0.137
10	11092	11093	SN	1	-34.159	18.697	0.0	-34.58	19.319	0.0	0.842	22.328	0.023	0.497	22.092	0.009	0.086	193.07	1.781	0.086	212.702	1.517	0.086	0.137	0.0	0.086	0.142	0.0
11	11093	11094	NS	1	-32.074	18.023	0.0	-33.751	16.994	0.0	-22.051	22.641	0.022	-19.248	22.839	0.045	0.086	119.463	1.35	0.087	175.71	1.479	0.086	11.938	0.015	0.086	6.291	0.012
12	11093	11094	SN	1	-34.977	18.478	0.0	-34.962	18.83	0.0	1.134	22.406	0.03	2.514	22.936	0.235	0.086	233.018	5.667	0.086	232.264	4.987	0.086	0.134	0.0	0.086	0.12	0.0
13	11094	11095	SN	1	-34.946	17.792	0.0	-34.943	18.485	0.0	-0.298	21.946	0.0	2.18	22.438	0.027	0.086	231.393	3.883	0.086	231.256	3.394	0.086	0.154	0.0	0.086	0.123	0.0
14	11094	11095	NS	1	-34.818	21.07	0.0	-34.654	17.667	0.0	-19.922	21.7	0.0	-13.355	22.45	0.023	0.086	224.636	2.007	0.087	216.367	2.191	0.086	7.337	0.006	0.086	1.668	0.011
15	11095	11096	NS	1	-34.965	20.328	0.0	-34.294	20.521	0.0	-25.511	21.898	0.0	-27.055	23.643	0.083	0.086	232.41	2.232	0.086	199.11	2.185	0.086	26.413	0.131	0.086	37.658	0.083
16	11096	11097	SN	1	-34.886	17.959	0.0	-34.312	18.651	0.0	-11.768	23.236	0.409	-8.573	23.917	1.008	0.086	228.237	4.114	0.086	199.985	3.549	0.086	1.266	0.002	0.086	0.673	0.0
17	11096	11097	NS	1	-34.699	21.841	0.0	-34.966	20.877	0.0	1.558	22.543	0.018	1.349	23.213	0.216	0.086	218.594	1.19	0.086	232.476	1.021	0.086	0.129	0.0	0.086	0.131	0.0
18	11097	11098	SN	2	-34.379	17.772	0.0	-34.27	18.891	0.0	-33.514	23.358	0.206	-9.421	24.058	0.656	0.086	203.047	0.995	0.086	198.064	1.329	0.086	166.371	0.07	0.086	0.768	0.0
19	11097	11098	NS	1	-34.9	22.563	0.005	-33.596	21.969	0.0	1.031	23.181	0.184	-4.478	24.036	1.321	0.086	228.966	2.673	0.086	169.567	2.261	0.086	0.146	0.0	0.086	0.277	0.0
20	11097	11098	SN	1	-34.506	17.772	0.0	-34.27	18.891	0.0	-33.502	23.358	0.206	-9.421	24.058	0.656	0.086	209.05	0.995	0.086	198.064	1.328	0.086	165.946	0.07	0.086	0.768	0.0
21	11098	11099	NS	1	-34.772	22.625	0.001	-34.738	19.735	0.0	-5.632	22.918	0.479	-21.962	23.892	1.709	0.086	222.235	2.923	0.086	220.572	2.611	0.086	0.34	0.0	0.086	11.699	0.018
22	11098	11099	SN	1	-33.761	19.923	0.0	-34.479	19.771	0.0	-7.421	23.205	0.209	-4.822	23.502	0.271	0.086	176.186	2.419	0.086	207.82	2.038	0.086	0.513	0.0	0.086	0.305	0.0
23	11098	11099	NS	2	-34.772	22.625	0.001	-34.738	19.735	0.0	-5.632	22.918	0.479	-21.962	23.892	1.709	0.086	222.235	2.923	0.086	220.572	2.611	0.086	0.34	0.0	0.086	11.699	0.018
24	11099	11100	SN	1	-34.993	19.786	0.0	-34.515	20.809	0.0	-26.336	23.326	0.194	-21.418	23.358	0.225	0.086	233.846	4.539	0.086	209.537	3.668	0.086	31.924	0.14	0.086	10.329	0.017
25	11099	11100	NS	1	-34.649	21.598	0.0	-34.858	19.717	0.0	-0.094	22.503	0.022	-8.698	23.696	0.834	0.086	216.098	2.135	0.086	226.72	2.421	0.086	0.151	0.0	0.086	0.615	0.0
26	11100	11101	NS	1	-34.413	21.049	0.0	-34.362	21.033	0.0	-10.615	22.9	0.097	-8.103	23.713	0.787	0.086	204.673	2.358	0.086	202.243	2.143	0.086	0.919	0.0	0.086	0.545	0.0
27	11100	11101	SN	1	-34.792	18.221	0.0	-34.708	19.813	0.0	-33.947	24.328	0.132	-23.762	23.611	0.218	0.086	223.286	1.527	0.086	219.038	1.357	0.086	183.816	0.081	0.086	18.976	0.079
28	11100	11101	NS	1	-34.97	21.049	0.0	-34.362	21.033	0.0	-10.615	22.9	0.111	-8.103	23.716	0.857	0.086	232.6	2.365	0.086	202.243	2.144	0.086	0.919	0.0	0.086	0.545	0.0
29	11101	11102	NS	1	-34.792	21.609	0.0	-34.334	20.869	0.0	-19.187	22.542	0.08	-12.905	23.348	0.996	0.086	223.305	2.696	0.086	200.948	2.516	0.086	6.206	0.018	0.086	1.51	0.012
30	11101	11102	SN	1	-32.595	18.179	0.0	-33.8	20.401	0.0	-17.694	22.764	0.213	-28.723	23.225	0.448	0.086	139.347	0.752	0.086	177.73	0.66	0.086	4.419	0.026	0.086	55.257	0.061
31	11102	11103	NS	1	-34.922	21.437	0.0	-34.951	20.871	0.0	4.954	22.726	0.031	-1.559	23.538	0.366	0.086	235.957	2.97	0.086	231.605	3.008	0.086	0.104	0.0	0.086	0.179	0.0
32	11102	11103	SN	1	-34.52	17.415	0.0	-34.854	20.088	0.0	2.895	23.103	0.467	3.755	23.793	2.365	0.087	209.719	2.776	0.086	226.545	2.552	0.086	0.117	0.0	0.086	0.111	0.0

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



33	11102	11103	NS	1	-34.922	21.437	0.0	-34.951	20.871	0.0	2.76	22.726	0.185	-1.559	23.566	1.003	0.086	235.957	2.933	0.086	231.605	3.006	0.086	0.118	0.0	0.086	0.179	0.0
34	11103	11104	NS	1	-34.83	21.598	0.0	-34.954	17.732	0.0	3.834	21.593	0.0	0.644	22.839	0.004	0.086	225.297	3.184	0.086	231.805	2.921	0.086	0.11	0.0	0.086	0.14	0.0

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